UNIVERSIDAD NACIONAL DE INGENIERÍA

FACULTAD DE INGENIERÍA ELÉCTRICA Y ELECTRÓNICA

MEDICIONES DE LAS PÉRDIDAS POR EFECTO CORONA SOBRE CONDUCTORES CONTAMINADOS

INFORME DE COMPETENCIA PROFESIONAL

PARA OPTAR EL TITULO PROFESIONAL DE:

INGENIERO ELECTRICISTA

PRESENTADO POR:

PEDRO MIGUEL RIOS CARRASCO

PROMOCIÓN
1996-I

LIMA – PERÚ

2010

MEDICIONES DE LAS PÉRDIDAS POR EFECTO CORONA SOBRE CONDUCTORES CONTAMINADOS

Dedicado a mis padres Pedro y Peñafort quienes con su esfuerzo y apoyo permanente han permitido mi superación en la vida.

SUMARIO

El presente proyecto comprende un estudio del comportamiento de varios tipos de conductores utilizados en líneas de transmisión de muy alta tensión, en configuraciones simples y dobles por fase, ante las pérdidas transversales por efecto corona originadas por la contaminación sobre la superficie de los mismos. Para ello se aplicó artificialmente diferentes tipos y cantidades de contaminación sobre los conductores, simulando diferentes valores de factor de rugosidad "m", para luego ser sometidos a tensiones de ensayo previamente determinadas. Seguidamente se realizaron pruebas y mediciones en un laboratorio especialmente implementado para el estudio obteniéndose valores de diversos parámetros necesarios para calcular las pérdidas por efecto corona sobre cada muestra de conductor contaminado.

ÍNDICE

PROLOGO

El clima muy particular de la costa peruana está caracterizado por ser desértico con prolongados períodos de alta humedad relativa y densa niebla, pocas precipitaciones y vientos fuertes provenientes del mar, los que acarrean contaminación en forma de partículas sueltas de tierra, arena y materia orgánica, acumulándose en los componentes de la línea de transmisión, incluyendo los conductores.

Desde hace mas de 20 años son conocidas las elevadas pérdidas eléctricas y los problemas de corrosión en el sistema de transmisión costero peruano de 220 kV, por tal motivo en 1996, durante la gestión de ETECEN, se desarrolló el "Estudio para la Reducción de Pérdidas y Efectos Salinos en el Sistema de Transmisión Costero de 220 kV". Una de las principales conclusiones de ese estudio fue el haber determinado la causa de las altas pérdidas eléctricas (hasta de 15 W/m en tiempo bueno) y que se debían principalmente a pérdidas transversales de energía en los conductores a través del aire (75% de las pérdidas totales) debido a un fenómeno conocido como efecto corona sobre el conductor, provocado por la alta contaminación de polvo, material orgánico y grasa del conductor en su superficie.

Debido a esta problemática y en base a los resultados, conclusiones y recomendaciones de mencionado estudio respecto a las pérdidas transversales, surgió necesidad de validar los resultados y buscar alternativas de solución a las altas pérdidas. Es así que ETECEN, consideró realizar un estudio adicional de Mediciones de las Pérdidas por Efecto Corona sobre Conductores Contaminados y el cual es motivo del presente informe.

El presente informe describe la realización y evaluación de mediciones de perdidas por efecto corona sobre 08 muestras de conductores conformados por los conductores mas usados en las líneas costeras existentes de 220 kV y en configuraciones de conductor simple y conductor doble por fase, los cuales fueron contaminados artificialmente con diferentes tipos y cantidades de contaminantes a fin de lograr los siguientes grados del factor de rugosidad "m": Conductor limpio (m =0,8), contaminación leve (m =0,6), contaminación severa (m =0,4) y contaminación muy severa (m =0,2).

Las pruebas fueron realizadas en un laboratorio especialmente implementado para tal fin y cuyo componente principal es una jaula cilíndrica de 12 metros de longitud y 2.5 metros de diámetro en cuyo interior queda dispuesto coaxialmente el conductor bajo prueba simulando un condensador cuyo dieléctrico es el aire al interior de la jaula y del cual se mide la capacitancia C y el factor de disipación (tan δ), valores con los cuales se determina las pérdidas de potencia.

Debido a la disposición coaxial del conductor en la jaula las mediciones se refieren a un conductor monofásico cuya tensión fase-tierra, para líneas de transmisión de 220 kV, está en el orden de 127 kV. Sin embargo las tensiones de pruebas oscilan entre ± 25% de las tensiones nominales promedio que se derivan del gradiente superficial nominal ó característico de las líneas de transmisión costeras de 220 kV de ETECEN y que dependen del radio del conductor, la distancia fase-fase, la altura sobre el terreno y la tensión de servicio. Para el caso del presente estudio, estas tensiones nominales oscilan entre 78,60 y 91,90 kV.

Los resultados del presente informe permitirán evaluar el tipo de conductor y la configuración mas eficiente así como proporcionar información concluyente para plantear alternativas de reducción de las altas pérdidas eléctricas.

No se efectuaron pruebas para diferentes condiciones de humedad relativa debido a que la contaminación artificial del conductor se realizó mediante la aplicación de grasa y pequeñas partículas de piedras y clavos, mientras que en las líneas costeras del Perú la naturaleza de los contaminantes sobre los conductores está compuesto mayormente de tierra, polvo y cierta materia vegetal, y que en presencia de altos niveles de humedad se convierte en barro, facilitando el crecimiento de pequeñas plantas. Por tanto los resultados en el laboratorio no hubieran sido aplicables a la situación real de las líneas de transmisión costeras en 220 kV.

Cabe mencionar que este proyecto no hubiera sido posible sin la importante participación del Instituto de Energía Eléctrica de la Universidad Nacional de San Juan de Argentina que fue contratada por ETECEN para implementar El Laboratorio de Alta Tensión para las mediciones.

CAPITULO I
DESCRIPCIÓN DEL PROYECTO

1.1 Objetivos del Proyecto

El objetivo del estudio es evaluar las pérdidas corona para varios tipos de conductor y/o configuración alternativos y diferentes grados de contaminación y tensión aplicada a través de ensayos de laboratorio. El programa de ensayos tiene como principal objetivo la verificación del análisis y conclusiones a los que se arribaron en el estudio previo de factibilidad, además de proveer datos que conformen la base para cualquier decisión en la selección de un tamaño y configuración óptima de conductor a ser aplicado en la región costera peruana.

1.2 Configuraciones de conductores a estudiar

La lista definitiva acordada de los conductores a ensayar durante el proyecto se indica a continuación:

Conductor 1: Tipo ACSR 2,19 cm de diámetro, configuración doble

Conductor 2: Tipo ACAR 2,59 cm de diámetro, configuración simple

Conductor 3: Tipo ACAR 2,59 cm de diámetro, configuración doble

Conductor 4: Tipo AAAC compacto TW 2,88 cm de diámetro, configuración simple

Conductor 5: Tipo AAAC compacto TW 2,88 cm de diámetro, configuración doble

Conductor 6: Tipo AAAC 2,92 cm de diámetro, configuración simple

Conductor 7: Tipo ACSR 3,51 cm de diámetro, configuración simple

Conductor 8: Tipo ACSR 4,63 cm de diámetro, configuración simple

1.3 Descripción de las líneas de transmisión bajo estudio

Las líneas de transmisión estudiadas corresponden al nivel de 220 kV. y son las siguientes:

Línea de transmisión San Juan - Independencia, L-207.

Línea de transmisión Zapallal - Paramonga Nueva, L-213.

Línea de transmisión Paramonga Nueva - Chimbote, L-215.

Línea de transmisión Chiclayo - Piura, L-238.

En el anexo D se muestra las principales características de estas líneas de transmisión que fueron seleccionadas por estar en zonas con condiciones climáticas adversas.

1.4 Tipos de ensayos a realizar sobre los conductores

Sobre cada una de las ocho configuraciones de conductor citadas en la sección 1.2 se realizaron determinaciones de pérdidas por efecto corona para diferentes estados de contaminación. Para caracterizar el estado de contaminación de un determinado conductor se ha elegido su respectivo factor de rugosidad m, definido por la fórmula de Peek [1].

Los estados de contaminación para cada conductor a ensayar son 4: conductor limpio (m=0,8) y conductor contaminado, con los factores de rugosidad m = 0,6, 0,4 y 0,2.

Teniendo en cuenta que las configuraciones de conductor son 8 y los estados de contaminación 4, los tipos de ensayo resultantes son 32. Cada uno de estos ensayos debe ser realizado 3 veces con muestras diferentes, a efectos de realizar una validación de los resultados, lo que lleva el número de ensayos a 96 de lo que resultaron 96 tablas de datos medidos y calculados que se presentan en el ANEXO C.

Los tipos de ensayos a realizar sobre cada muestra de conductor son básicamente de dos tipos: ensayos para determinar el grado de contaminación del conductor y ensayos para determinaciones de pérdidas por efecto corona en el conductor una vez que ha sido debidamente contaminado.

1.4.1 Ensayos para determinar el grado de contaminación del conductor

Como ya se ha mencionado, el grado de contaminación del conductor se determina midiendo el factor de rugosidad "m" de la fórmula de Peek. Analizando dicha fórmula (ver fórmula 2.1), los datos necesarios para determinar el factor "m" son: el radio del conductor, la densidad relativa del aire y el gradiente crítico visual de inicio corona. Los dos primeros parámetros se pueden medir muy rápidamente, pero el último requiere la realización de un ensayo para tal fin. Este ensayo consiste en energizar al conductor bajo ensayo estando el laboratorio perfectamente oscurecido, e ir subiendo tensión desde cero hasta percibir las primeras manifestaciones luminosas, que indican el valor de tensión crítica visual de inicio corona. Dado que la tensión para la cual aparecen los primeros destellos luminosos con tensión creciente puede ser diferente a la tensión para la cual los destellos desaparecen con tensión decreciente a partir de un valor alto, se adoptó como metodología realizar 5 determinaciones de tensión crítica visual de inicio corona con tensión ascendente y 5 con tensión descendente. y luego realizar el promedio, obteniendo un único valor.

1.4.2 Determinación de las pérdidas por efecto corona sobre el conductor

Una vez determinado el factor de rugosidad "*m*" del conductor, y comprobado que su valor sea el deseado, se procede a realizar el proceso de estabilización del conductor contaminado. Esto se realiza energizando la muestra durante 2 o más horas a una tensión igual a la máxima tensión en el rango de tensiones a medir.

Luego de este proceso se procede a realizar la medición de pérdidas con el puente Schering, a una serie de 11 tensiones especificadas. Dichas tensiones corresponden a un rango de que está centrado en la tensión nominal Un y que se extiende entre (Un - 0,25 Un) y (Un + 0,25 Un) para conductores contaminados, y entre (Un - 0,10 Un) y (Un + 0,40 Un) para conductores limpios. La tensión Un está definida para cada tipo de conductor y es la tensión para la cual se establece el gradiente nominal Gn en la superficie del conductor (gradiente promedio existente en las líneas costeras peruanas de 220 kV). La medición realizada a cada tensión especificada se repite varias veces para dar mayor confiabilidad a las determinaciones.

CAPITULO II
METODOLOGÍA PARA LA DETERMINACIÓN DEL GRADO DE CONTAMINACIÓN DEL CONDUCTOR

2.1 Contaminación de los conductores

Luego de las pruebas iniciales de contaminación artificial de conductores y según los acuerdos tomados durante la visita de la supervisión al laboratorio en febrero de 1998, se determino el uso de la grasa multipropósito YPF 62 EP de litio, para extrema presión, con aplicaciones típicas en cojinetes, rodamientos, cadenas y engranajes, con un amplio rango de temperaturas de trabajo para los fines de contaminación.

Esta grasa de litio de color rojizo de YPF tiene excelentes características de adherencia al conductor y la viscosidad suficiente para retener contaminantes pesados sobre el conductor aún para temperaturas ambiente de más de 30 °C.

Asimismo, durante esta etapa inicial del proyecto se realizaron numerosísimas pruebas para determinar los contaminantes adecuados para lograr los diferentes coeficientes de rugosidad *m*. Se logró primeramente determinar los diferentes tipos de contaminante para cada grado de contaminación diferente, que resultaron ser:

Arenas, para m=0,6 (contaminación leve), grava para m=0,4 (contaminación severa) y tachuelas para m=0.2 (contaminación muy severa).

El proceso de contaminación de los conductores se realizó dentro de la jaula de pruebas. La aplicación de la capa de grasa se realiza manualmente y la contaminación sólida se aplica dejándola caer sobre el conductor engrasado y girando progresivamente el mismo y cuyos sobrantes caen sobre un sistema de bandejas montados para el propósito.

2.2 Aspectos Teóricos

El grado de contaminación de los conductores a ensayar en este proyecto se evaluó a través del factor de rugosidad "*m*" dado por la fórmula de Peek. La fórmula de Peek es [1]:

$$G_c = G_0\,\delta\, m\left[1+\frac{K}{\sqrt{\delta r}}\right] \qquad (2.1)$$

Donde:

G_c: valor de pico del gradiente crítico de inicio corona [kV/cm]

G_0: valor de pico del gradiente de inicio corona en condiciones normales (25°C, 76 cm Hg) [kV/cm]

r : radio de un tubo con el mismo diámetro externo que el conductor cableado real [cm]

K: factor empírico [$\sqrt{\text{cm}}$]

m: factor de rugosidad superficial del conductor

δ: densidad relativa del aire

A los fines de dar una orientación, se pueden dar los siguientes valores [1]:

$m = 1$ superficie lisa y pulida

$m = 0{,}6$ a $0{,}8$ condición de servicio de tiempo seco

$m = 0{,}3$ a $0{,}6$ gotas de lluvia, copos de nieve, polución extrema

$m = 0{,}25$ lluvia intensa

$G_0 = 31$ kV de pico para corriente alterna y configuración coaxial [1]

$K = 0.308$ para corriente alterna y configuración coaxial [1]

La fórmula para el cálculo de la densidad relativa del aire es:

$$\delta = \frac{p}{T}\frac{T_0}{p_0} = 3.921\frac{p}{t+273} \tag{2.2}$$

Donde:

p: presión atmosférica [mm Hg]

p_0: presión atmosférica a nivel del mar, 760 mm Hg

T: temperatura absoluta [°K]

t: temperatura en [°C]

T_0: temperatura de referencia, 298 °K (25°C)

Para nuestro caso, la fórmula (2.1) adopta la forma:

$$G_c = 31\ \delta\ m\left[1+\frac{0.308}{\sqrt{\delta r}}\right] \text{ en kV/cm de pico} \tag{2.3}$$

y en valor eficaz

$$G_c = 21.92\ \delta\ m\left[1+\frac{0.308}{\sqrt{\delta r}}\right] \text{ en kV/cm eficaz} \tag{2.4}$$

La determinación del valor numérico del factor de rugosidad superficial se realiza en forma indirecta a través de la medición de la tensión de inicio corona y el empleo de la fórmula de Peek. Cabe destacar que la fórmula (2.1) permite calcular *Gc* valor del gradiente superficial en el conductor para el cual el efecto corona comienza a presentar manifestaciones luminosas visibles para el ojo humano.

La fórmula (2.3) puede ser utilizada para determinar el factor "*m*" de un conductor contaminado, si se conocen los restantes parámetros de la expresión. Conociendo la presión, temperatura y el radio del conductor, resta determinar el gradiente crítico visual para poder calcular el factor "*m*".

2.3 Metodología empleada para conductores simples

Como se ha dicho en la sección anterior, debe determinarse el gradiente crítico visual para calcular el factor de rugosidad "*m*". El gradiente no se mide directamente, sino a través de la tensión aplicada al conductor en la configuración coaxial. Para poder calcular el gradiente a partir de la tensión, debe conocerse la constante de proporcionalidad gradiente superficial-tensión aplicada. Para una configuración coaxial de un solo conductor, la constante de proporcionalidad es [2]:

$$G = \frac{U}{r \ln(R/r)} \tag{2.5}$$

Donde:

r: radio del conductor

R: radio del cilindro externo

U: tensión aplicada

G: gradiente en la superficie del conductor

De este modo puede obtenerse la tensión crítica combinando las ecuaciones (2.4) y (2.5):

$$U_c = 21.92 \ln(r/R)\, m \left\{\delta r + 0.308\sqrt{\delta r}\right\} \tag{2.6}$$

Donde:

U_c: tensión crítica visual en kV eficaz

Despejando el factor m de la (2.6), se tiene:

$$m = \frac{U_c}{21.92 \ln(r/R) \left\{\delta r + 0.308\sqrt{\delta r}\right\}} \tag{2.7}$$

La fórmula (2.7) fue usada durante el proyecto para calcular el valor de "m" de las muestras contaminadas de conductor simple. Se acordó con la supervisión que la variación máxima respecto del valor de "*m*" es de Δm=0.05. Los valores de variación conseguidos en la práctica durante los ensayos en el laboratorio fueron en general menores a Δm=0.02 (esto vale tanto para configuración simple como para haz de dos conductores).

2.4 Metodología empleada para conductores dobles

A diferencia del conductor simple, para el cual el gradiente superficial es igual para todos los puntos de su superficie (en configuración coaxial), el conductor doble presenta un gradiente mínimo y uno máximo. El gradiente máximo se ubica sobre el plano que pasa por los dos ejes de los conductores del haz y en la periferia externa de ambos conductores. Este gradiente máximo se puede calcular en forma aproximada por medio del siguiente procedimiento.

Primeramente se calcula el radio equivalente capacitivo del haz de dos conductores mediante la fórmula (2.8):

$$R_e = \sqrt{r\,s} \tag{2.8}$$

Donde:

R_e: radio equivalente capacitivo del haz de dos conductores

s: separación del haz

Luego se calcula el gradiente medio a la tensión crítica con la fórmula (2.9):

$$G_{medc} = \frac{U_c}{2r\,\ln(R/R_e)} \tag{2.9}$$

A partir del gradiente medio se halla el gradiente máximo con la formula (2.10):

$$G_{maxc} = G_{medc}\left\{1+\frac{2r}{s}\right\} \tag{2.10}$$

Donde;

G_{medc}: gradiente medio a la tensión critica [kV/cm eficaz]

G_{maxc}: gradiente máximo a la tensión critica [kV/cm eficaz]

De la fórmula (2.4) de puede obtener la ecuación para "*m*":

$$m = \frac{G_{maxc}}{21.92\,\delta\left[1+\frac{0.308}{\sqrt{\delta r}}\right]} \qquad (2.11)$$

El procedimiento aproximado usado para determinar el gradiente máximo (fórmulas 2.8 a 2.10) conduce a errores que no superan el 1%. Luego de aplicarlo, se emplea la formula (2.11) para determinar el valor experimental de "*m*" a partir del valor de la tensión critica en el caso de haces de dos conductores.

2.5 Determinación del factor de rugosidad "*m*" y cantidad de contaminantes

La determinación de los valores de $m = 0.6$, 0.4 y 0.2 para las diferentes configuraciones de conductores solo se pudo lograr mediante un proceso iterativo de varias pruebas y mediciones de determinación de "*m*" variando en cada caso el tipo, tamaño y cantidad de contaminante sobre el conductor a fin de conseguir el valor de "*m*" requerido.

Luego del proceso de determinación de los valores de "*m*" para cada conductor, la composición de la contaminación para diferentes diámetros se presenta en la TABLA N° 2.1 y TABLA N° 2.2.

En el ANEXO B se muestran fotografías de la contaminación empleada.

TABLA N° 2.1: Composición de la contaminación para los diferentes conductores. Factor de irregularidad superficial m = 0,6

Conductor			Aglutinante y arena	
Tipo	Diámetro [cm]	Factor m	Cantidad [cm^3]/m	Espesor [mm]
ACAR	2.59	0.600	49.66	0.60
ACAR	3.50	0.600	81.52	0.73
AAAC	4.60	0.600	104.52	0.71
COMPACT	2.88	0.600	30.00	0.33
ACAR	2.92	0.600	80.45	0.85
ACAR	2x2.19	0.600	49.17	0.69
ACAR	2x2.59	0.600	57.50	0.69
COMPACT	2x2.88	0.600	47.78	0.52

TABLA N° 2.2: Composición de la contaminación para los diferentes conductores. Factores de irregularidad superficial m = 0,2 y m = 0,4.

Conductor			Aglutinante		Contaminante	
Tipo	Diámetro [cm]	Factor m	Cantidad [cm^3]/m	Espesor [mm]	Cantidad [cm^3]/m	Espesor [mm]
ACAR	2.59	0.200	165.89	1.90	96.67	1.14
ACAR	2.59	0.400	86.67	1.02	175.00	2.00
ACSR	3.50	0.200	143.33	1.26	156.67	1.37
ACSR	3.50	0.400	130.00	1.14	203.33	1.76
ACSR	4.60	0.200	170.00	1.15	111.67	0.76
ACSR	4.60	0.400	161.83	1.09	244.83	1.64
COMPACT	2.88	0.200	166.67	1.74	71.67	0.77
COMPACT	2.88	0.400	105.67	1.12	171.89	1.79
AAAC	2.92	0.200	175.33	1.80	78.00	0.83
AAAC	2.92	0.400	148.17	1.53	187.50	1.92
ACSR	2x2.19	0.200	101.06	1.38	60.67	0.85
ACSR	2x2.19	0.400	109.44	1.49	138.89	1.86
ACAR	2x2.59	0.200	181.67	2.07	64.17	0.77
ACAR	2x2.59	0.400	100.00	1.18	173.33	1.98
COMPACT	2x2.88	0.200	175.83	1.83	57.08	0.71
COMPACT	2x2.88	0.400	120.83	1.28	163.33	1.70

CAPITULO III
GRADIENTES Y TENSIONES NOMINALES DE ENSAYO

El objetivo del proyecto es la determinación del comportamiento de las pérdidas en los conductores en condiciones de gradiente superficial análogas a las que se presentan en las líneas aéreas costeras de 220 kV de ETECEN durante el servicio.

3.1 Metodología para la determinación de los gradientes nominales

3.1.1 Determinación de gradientes nominales en conductores simples en las líneas de ETECEN

El parámetro principal de las líneas de transmisión que influencian la generación de corona y en consecuencia el nivel de pérdidas corona es el gradiente de superficie sobre los conductores. Para una configuración de líneas de transmisión, los gradientes de voltaje "nominales" son calculados asumiendo una superficie de conductor cilíndrico liso, con un diámetro exterior igual al diámetro exterior del conductor cableado. El gradiente de superficie nominal es una función de la geometría de la línea y de voltaje aplicado y puede ser calculado usando métodos simples (fórmula 3.1) para el caso de conductores simples así como para el caso de conductores múltiples con cuatro conductores o menos.

$$Q = C\,u \tag{3.1}$$

donde

Q: vector de cargas en cada conductor

C: matriz de capacidades

u: vector de tensiones en cada conductor

La matriz C se obtiene como la inversa de la matriz P de los coeficientes de Maxwell ($C = P^{-1}$) , resultando:

$$u = P\,Q \tag{3.2}$$

Donde:

Q: matriz columna de cargas en cada conductor

P: matriz de coeficiente de potencial

u: vector de tensiones línea-tierra aplicado sobre los conductores (kVrms)

Los elementos de la matriz P se calculan del siguiente modo:

El elemento diagonal vale

$$p_{ii} = \frac{1}{2\pi\varepsilon} \ln\left(\frac{2h_i}{r_i}\right) \tag{3.3}$$

y el elemento no diagonal

$$p_{ij} = \frac{1}{2\pi\varepsilon} \ln\left(\frac{2d'_{ij}}{d_{ij}}\right) \tag{3.4}$$

Donde:

h_i: altura del conductor i sobre el terreno

r_i: radio del conductor i

d_{ij}: distancia entre el conductor i y el conductor j

d'_{ij}: distancia entre el conductor i y la imagen del conductor j por debajo del terreno

ε: permitividad del aire (8.842 10^{-12} F/m)

La matriz P se calcula entonces fácilmente a partir de las fórmulas (3.3) y (3.4), la matriz C se calcula haciendo la inversa de P.

El vector de tensiones u vale:

$$u = \begin{bmatrix} U \\ U e^{-j(2/3)\pi} \\ U e^{-j(4/3)\pi} \end{bmatrix} \tag{3.5}$$

Donde:

U: tensión de fase eficaz (127 kV)

De este modo, conociendo u y C, se puede calcular el vector Q mediante la fórmula (3.1). Cada uno de los tres componentes de la matriz Q representa la carga de los conductores de cada fase q_i, los cuales son números complejos.

$$Q = \begin{bmatrix} q_1 \\ q_2 \\ q_3 \end{bmatrix} \tag{3.6}$$

El módulo del vector campo eléctrico o gradiente de superficie para cada uno de los tres conductores se calcula mediante la expresión:

$$G_i = \frac{1}{2\pi\varepsilon}\frac{q_i}{r_i} \qquad , i = 1, 2, 3 \qquad (3.7)$$

De este modo se calcularon los gradientes nominales para los conductores de las tres fases y para cada una de las líneas evaluadas L-207, L-213, L-215 y L-238 (L-213 y L-215 del mismo diseño). Los diámetros considerados fueron los correspondientes a configuración simple. Los resultados del cálculo se han volcado en la TABLA N° 3.1 .

TABLA N° 3.1 : Gradientes superficiales nominales para conductores simples

Gradientes superficiales nominales a 220 kV [kVrms/cm]					
	Diámetro del conductor [cm]				
línea	2.59	2.88	2.92	3.51	4.60
207 Top	14.37	14.21	14.07	12.07	9.64
207 Mid	14.09	13.93	13.78	11.82	9.43
207 Bot	14.68	14.56	14.41	12.36	9.89
213/215 Top	14.83	13.53	13.40	11.48	9.15
213/215 Mid	16.15	14.76	14.61	12.55	10.05
213/215 Bot	15.44	14.10	13.96	11.96	9.55
238 Top	14.94	13.64	13.51	11.57	9.23
238 Mid	16.28	14.89	14.74	12.66	10.15
238 Bot	15.53	14.19	14.04	12.04	9.62
Promedio	15.53	14.20	14.06	12.06	9.64

3.1.2 Determinación de gradientes nominales en haces de dos conductores en las líneas de ETECEN

El cálculo de los gradientes nominales para haces de conductores tiene dos etapas. En la primera etapa se calculan los gradientes medios con la fórmula (3.7), tal como se lo hizo para conductores simples.

Aquí hay que tener en cuenta sin embargo que los conductores a considerar son 6 y no 3, teniendo los conductores de la misma fase la misma tensión.

Una vez hecho esto se calcula los gradientes máximos mediante la fórmula (2.10):

Los resultados se muestran en la TABLA N° 3.2 :

TABLA N° 3.2 : Gradientes superficiales nominales para conductores dobles

Gradientes superficiales nominales a 220 kV [kVrms/cm]			
	Diámetro del conductor [cm]		
línea	2x2.19	2x2.59	2x2.885
207 Top	13.13	11.42	10.44
207 Mid	12.74	11.07	10.12
207 Bot	13.51	11.75	10.75
213/215 Top	12.34	10.72	9.80
213/215 Mid	13.83	12.04	11.02
213/215 Bot	12.93	11.24	10.28
238 Top	12.47	10.83	9.90
238 Mid	13.99	12.18	11.15
238 Bot	13.04	11.34	10.37
Promedio	13.11	11.40	10.43

3.2 Determinación de tensiones nominales y de ensayo para la jaula de medición

Dado que los ensayos deben realizarse para un rango de gradientes alrededor del gradiente nominal, es necesario determinar las tensiones que producen dichos gradientes en los conductores para la configuración de ensayo. Para el caso de conductores simples se utiliza la fórmula (3.8) para calcular la tensión a aplicar al conductor bajo ensayo a fin de obtener el gradiente especificado:

$$U = G\, r\, \ln(R/r) \tag{3.8}$$

Donde:

r: radio del conductor

R: radio del cilindro externo

U: tensión aplicada

G: gradiente en la superficie del conductor

En el caso de conductores dobles, la tensión correspondiente a un gradiente máximo se obtuvo mediante el método aproximado que se describe a continuación que arroja resultados dentro del 1% de error.

Primeramente se obtiene el gradiente medio a partir del máximo mediante la fórmula:

$$G_{med} = \frac{G_{max}}{\left\{1 + \frac{2r}{s}\right\}} \tag{3.9}$$

Donde:

G_{med}: gradiente medio [kV/cm eficaz]

G_{max}: gradiente máximo [kV/cm eficaz]

Luego se calcula la tensión correspondiente a través de la fórmula (3.10):

$$U = G_{med}\, 2r\, \ln(R / R_e) \tag{3.10}$$

Donde R_e según la fórmula (2.8).

$$R_e = \sqrt{r\, s}$$

De este modo, a partir de los gradientes promedio dados en las TABLAS N° 3.1 y N° 3.2 se calcularon las tensiones de la TABLA N° 3.3 .

TABLA N° 3.3: Tensiones nominales de los diferentes conductores

	Tensiones nominales (rms)							
Diámetro [cm]	2.59	2.88	2.92	3.51	4.60	2x2.19	2x2.59	2x2.88
Tensión [kV]	91.90	91.27	91.34	90.29	88.49	79.48	78.75	78.60

3.2.1 Conductores limpios

En el caso de conductores limpios, se estableció que el rango de medición sería entre 90% y el 140% de la tensión nominal. En ese rango se definieron 11 tensiones uniformemente espaciadas, pero con la restricción de ser múltiplos de 0,5 kV. De este modo surgieron las tensiones de ensayo dadas en la TABLA N° 3.4 .

TABLA N° 3.4 : Tensiones de ensayos de conductores limpios

Tensiones de Ensayo [kV rms]							
2.59 cm	2.88 cm	2.92 cm	3.5 cm	4.6 cm	2*2.19 cm	2*2.59 cm	2*2.88 cm
129.00	128.00	128.00	126.50	124.00	111.50	111.00	110.00
124.50	123.50	123.50	122.00	119.50	107.50	107.00	106.00
120.00	119.00	119.00	117.50	115.00	103.50	103.00	102.00

115.00	114.50	114.50	113.00	110.50	99.50	99.00	98.00
110.50	109.50	110.00	108.50	106.50	95.50	95.00	94.50
106.00	105.00	105.00	104.00	102.00	91.50	91.00	90.50
101.50	100.50	100.50	99.50	97.50	87.50	87.00	86.50
96.50	96.00	96.00	95.00	93.00	83.50	83.00	82.50
92.00	**91.50**	**91.50**	**90.50**	**88.50**	**79.50**	**79.00**	**78.50**
87.50	87.00	87.00	86.00	84.00	75.50	75.00	74.50
83.00	82.50	82.50	81.50	79.50	71.50	71.00	70.50

3.2.2 Conductores contaminados

En el caso de conductores contaminados, se estableció que el rango de medición sería entre 75% y el 125% de la tensión nominal. En ese rango se definieron 11 tensiones uniformemente espaciadas, pero con la restricción de ser múltiplos de 0,5 kV. De este modo surgieron las tensiones de ensayo dadas en la tabla 3.5 .

TABLA N° 3.5 : Tensiones de ensayos de conductores contaminados

Tensiones de Ensayo [kV rms]							
2.59 cm	2.88 cm	2.92 cm	3.5 cm	4.6 cm	2*2.19 cm	2*2.59 cm	2*2.88 cm
115.00	114.50	114.50	113.00	110.50	99.50	99.00	98.00
110.50	109.50	110.00	108.50	106.50	95.50	95.00	94.50
106.00	105.00	105.00	104.00	102.00	91.50	91.00	90.50
101.50	100.50	100.50	99.50	97.50	87.50	87.00	86.50
96.50	96.00	96.00	95.00	93.00	83.50	83.00	82.50
92.00	**91.50**	**91.50**	**90.50**	**88.50**	**79.50**	**79.00**	**78.50**
87.50	87.00	87.00	86.00	84.00	75.50	75.00	74.50
83.00	82.50	82.50	81.50	79.50	71.50	71.00	70.50
78.50	77.50	77.50	77.00	75.50	67.50	67.50	67.00
73.50	73.00	73.00	72.00	71.00	63.50	63.50	63.00
69.00	68.50	68.50	67.50	66.50	59.50	59.50	59.00

CAPITULO IV
METODOLOGÍA PARA LA REALIZACIÓN DE LOS ENSAYOS

4.1 Principio General

La metodología a aplicar para la determinación de las pérdidas corona en los conductores especificados consistió en la ejecución de mediciones con un puente Schering. La medición se basa en la comparación del capacitor bajo ensayo con un capacitor patrón de capacidad conocida y que posee un factor de disipación sumamente bajo (condensador a gas comprimido C=100 pF, tan $\delta \leq 1\ 10^{-5}$). El puente está diseñado para funcionar a 50-60 Hz.

El puente se equilibra por la modificación de los valores de la década de resistencias, de la década de capacidades y de la posición del cursor sobre el hilo calibrado hasta que el galvanómetro oscilográfico indique el equilibrio del puente. De acuerdo al tipo de conexión elegida para el puente, los valores de capacidad y factor de disipación podrán ser leídos directamente o bien calculados en función de los parámetros del puente mediante fórmulas sencillas.

4.2 Configuración de ensayo

Las mediciones se realizaron en el interior de la sala del laboratorio. Las muestras de conductor previamente preparadas fueron dispuestas en una disposición coaxial. El ensayo de la muestra es de tipo monofásico, siendo el electrodo de tierra de la misma la jaula de ensayos de sección cilíndrica, en cuyo interior se dispone el conductor bajo ensayo y justamente en el centro de la sección transversal de la jaula (ver ANEXO A, ítem 1.7). El eje longitudinal de la jaula describe la misma catenaria que describe el conductor bajo ensayo, de modo de mantener la misma geometría respecto de tierra a lo largo de todo el conductor.

La jaula de ensayos dispone de dos anillos uniformizadores de campo que evitan el efecto de borde del campo eléctrico en los extremos del electrodo principal (ver figura 4.1). El potencial de estos anillos se controla con el regulador de potencial de guardia.

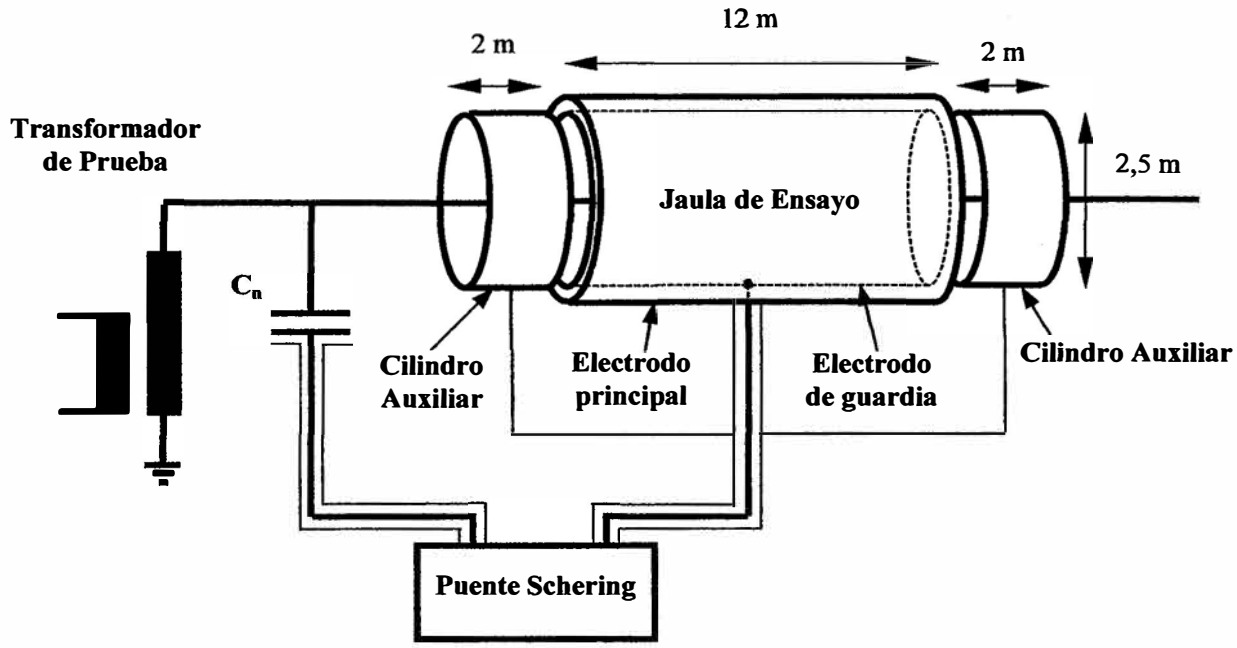

Fig. 4.1: Disposición del Equipamiento de Medición de Pérdidas Corona.

La corriente de fuga a tierra por los aisladores que sujetan al conductor están en paralelo con la fuente y no afectan la medición en ninguna forma. La corriente recogida por el puente es exclusivamente la que se deriva a través del electrodo principal.

En el Anexo A se muestran un esquema de la ubicación del los equipos en el laboratorio y el circuito real de mediciones respectivamente.

4.3 Eliminación de errores debidos a corrientes de fuga

Las corrientes de fuga son corrientes que circulan por caminos diferentes al circuito principal de ensayo y que en ocasiones pueden llegar a falsear las mediciones. Las corrientes de fuga pueden circular tanto entre los electrodos de baja tensión y tierra como entre los electrodos de alta tensión y tierra.

Las capacidades y conductancias parásitas a tierra de los electrodos de baja tensión del capacitor bajo ensayo y el patrón (que incluye incluso la capacidad de los cables de conexión) pueden distorsionar notablemente la medición con puente Schering, en el factor de pérdidas. Este efecto perjudicial es eliminado por medio de la regulación del potencial de guardia.

La eliminación de este efecto se logra usando un blindaje (electrodo de guardia) de los electrodos de baja tensión de los capacitores patrón y a medir, incluyendo los cables de conexión al puente.

En el caso del capacitor a medir, el electrodo de guardia está constituido por un cilindro exterior al electrodo de baja tensión y aislado del mismo. El potencial de este blindaje (conjunto de electrodos de guardia conectados entre sí) se regula de modo que sea exactamente igual al potencial del electrodo de baja tensión del capacitor bajo ensayo (que será igual al potencial del electrodo de baja tensión del capacitor patrón en condiciones de equilibrio). De ese modo se evita la circulación de corriente capacitiva desde los electrodos de baja tensión de los capacitores a tierra, así evitando el efecto perjudicial que ocasiona errores en las mediciones. El proceso de anulación de corrientes parásitas a través de la regulación del potencial de guardia se realiza en forma simultánea con el equilibrio del puente.

Las corrientes de fuga circulan también entre el electrodo de alta tensión y tierra. El electrodo de alta tensión está constituido por el propio conductor, los herrajes que lo sujetan y las esferas uniformizadoras de campo, y tierra. La circulación de esta corriente no afecta la medición pues se deriva directamente de la fuente a tierra y no afecta la corriente que circula por el puente.

En resumen, para eliminar errores de medición, se evita la circulación las corrientes de fuga desde los electrodos de baja tensión a tierra recurriendo a la utilización de blindaje y control de potencial del mismo. Las corrientes de fuga desde los electrodos de alta tensión no afectan por estar fuera del circuito.

4.4 Ejecución de los ensayos de determinación de pérdidas

Una vez que se ha realizado el ensayo de determinación de la tensión de inicio corona de la muestra de conductor, comienza el proceso de acondicionamiento previo de la misma bajo tensión, al término del cual se realiza la medición de las pérdidas.

Si es el caso de un conductor contaminado, se lo somete a un proceso de estabilización de la contaminación bajo una tensión de aproximadamente el 110% de la tensión de inicio corona durante un periodo de dos horas. Esto sirve para que las mediciones que se realizan a posteriori sean estables.

Algo similar se aplica al conductor limpio, el cual es sometido a un envejecimiento de la superficie durante un período de 5 horas a una tensión de aproximadamente 110% de la tensión de inicio corona.

Una vez finalizado el proceso de acondicionamiento de la muestra, se realiza la medición de C y tan δ con el puente Schering. Las mediciones se realizaron a 11 valores de tensión diferente para cada tipo de conductor, indicadas en las tablas 3.4 y 3.5. Las mediciones se

comenzaron por el valor de tensión más alto, repitiéndose la lectura 5 veces para cada valor de tensión a intervalos de 1 minuto, salvo para el valor de tensión correspondiente al gradiente nominal, el cual fue leído 30 veces a intervalos de 1 minuto aproximadamente. Durante los ensayos se midieron además la tensión aplicada, la temperatura, presión atmosférica y la humedad relativa del aire.

Dado que los ensayos se efectuaron sobre muestras de poca longitud, se realizaron tres mediciones sobre respectivas muestras iguales para garantizar una validez estadística de las mediciones.

CAPITULO V
RESULTADOS

5.1 Tensiones y gradientes de inicio corona

Como se ha visto en las secciones precedentes de este informe, la forma de determinar el grado de contaminación de los conductores es a través de la medición de la tensión de inicio corona, la cual permite a su vez el cálculo del factor de rugosidad superficial "*m*".

Antes de realizar la medición de las pérdidas por efecto corona en la muestra de conductor, se procede a realizar el ensayo de determinación de tensión de inicio corona, en el cual se registran, además de dicha tensión, la humedad relativa, temperatura ambiente, presión atmosférica.

Todos estos parámetros se han volcado en una pequeña tabla que antecede a la tabla de pérdidas para cada muestra. Allí se encuentran los siguientes

Parámetros medidos:

- Humedad relativa [%]
- Temperatura ambiente [°C]
- Presión atmosférica [mmHg]
- Tensión de inicio corona [kV]

Parámetros calculados:

- Gradiente de inicio corona [kV/cm]
- Factor de rugosidad superficial m

5.2 Pérdidas por efecto corona

La medición con el puente de Schering permiten obtener los valores de la capacidad C y el factor de pérdidas tan δ del elemento bajo ensayo. Durante la medición se registra asimismo la tensión aplicada. Las pérdidas corona se calculan a través de la fórmula

$$P = \frac{V^2 \ \omega C \ \tan\delta}{L} \tag{5.1}$$

Donde:

P: Pérdida corona por unidad de longitud [watt/m]

V: Tensión aplicada [V]

C: Capacidad del conductor ensayado [F] (circuito equivalente paralelo)

tan δ: Factor de pérdidas

ω: Frecuencia angular, $\omega = 2\pi f$

f: Frecuencia de la tensión aplicada [Hz]

L: Longitud activa del conductor ensayado [m]

Si la tensión aplicada es la nominal (según tablas 3.4 o 3.5), el gradiente existente en la superficie del conductor es también el nominal.

5.2.1 Mediciones con humedad relativa de 70% y 90%

A pesar que en un inicio estaba programado mediciones de pérdidas en condiciones de humedad relativa de 70% y 90%, la influencia de la humedad relativa no se ha tomado en cuenta en el programa de mediciones debido a que la contaminación artificial del conductor se realiza mediante la aplicación de grasa y pequeñas partículas de piedras y clavos, mientras que en las líneas costeras del Perú la naturaleza de los contaminantes sobre los conductores está compuesto mayormente de tierra, polvo y cierta materia vegetal tal como puede apreciarse en las fotos del ANEXO B. En presencia de altos niveles de humedad, el material contaminante de las líneas costeras se convierte en barro, facilitando el crecimiento de pequeñas plantas. Por tanto la influencia de la humedad relativa en el laboratorio es totalmente diferente haciendo que los resultados de pérdidas corona no sean aplicables a la situación real de las líneas de transmisión costeras.

5.2.2 Presentación de los resultados

Los resultados se dan en la forma de tablas de valores medidos y calculados y en forma de representaciones gráficas.

a) Tablas de valores medidos y calculados

Se han confeccionado 96 tablas con los valores medidos y calculados durante el proyecto. Estas tablas corresponden a determinaciones de pérdidas sobre 3 muestras similares de cada una de las 8 configuraciones o tipo de conductor, para 4 niveles de contaminación diferente.

Los parámetros volcados en las tablas son:

U: Tensión aplicada [kV]

E: Gradiente superficial [kV/cm]

tg δ: Tangente δ (Factor de pérdidas)

Cx_p: Capacidad paralelo de la muestra (en 12 m de longitud activa) [pF]

Pe: Pérdidas medidas a 50 Hz (en 12 m de longitud activa), en Watt [W]

Per: Pérdidas medidas a 50 Hz en Watt/m [W/m]

Pe_{60}: Pérdidas reducidas a 60 Hz en Watt/m, para la configuración coaxial del laboratorio [W/m]

RAD: Densidad relativa del aire

p: Presión atmosférica [mmHg]

t : Temperatura [°C]

H : Humedad relativa %

Estas tablas se presentan en el ANEXO C del presente informe.

b) Valores promedio de pérdidas

Se han confeccionado tablas de promedio de pérdidas para las diferentes configuraciones y tipos de conductor en cada nivel de tensión de ensayo, promediando los valores correspondientes a las 3 muestras homólogas ensayadas en laboratorio.

TABLA N° 5.1: Conductor 1, ACSR 2.19 cm -Configuración doble

Descripción estado de contaminación	Factor rugosidad superficial "m"	U [kV]	E [kV/cm]	Pérdidas promedio P_{epr} [W/m]
Conductor Limpio	0.8	120.50	19.75	0.00418
Conductor Limpio	0.8	116.00	19.01	0.00346
Conductor Limpio	0.8	111.50	18.27	0.00293
Conductor Limpio	0.8	107.50	17.62	0.00246
Conductor Limpio	0.8	103.00	16.88	0.00190
Conductor Limpio	0.8	99.00	16.23	0.00177
Conductor Limpio	0.8	94.50	15.49	0.00141
Conductor Limpio	0.8	90.50	14.83	0.00126
Conductor Limpio	0.8	86.00	14.10	0.00120
Conductor Limpio	0.8	81.50	13.36	0.00118
Conductor Limpio	0.8	79.50	13.03	0.00113
Conductor Limpio	0.8	77.50	12.70	0.00107
Contaminación leve	0.6	107.50	17.62	4.60265
Contaminación leve	0.6	103.00	16.88	1.00052
Contaminación leve	0.6	99.00	16.23	0.01353
Contaminación leve	0.6	94.50	15.49	0.01149
Contaminación leve	0.6	90.50	14.83	0.01081
Contaminación leve	0.6	86.00	14.10	0.00701
Contaminación leve	0.6	81.50	13.36	0.00443
Contaminación leve	0.6	79.50	13.03	0.00423
Contaminación leve	0.6	77.50	12.70	0.00404
Contaminación leve	0.6	73.00	11.96	0.00349
Contaminación leve	0.6	69.00	11.31	0.00297
Contaminación leve	0.6	64.50	10.57	0.00233

Contaminación leve	0.6	69.00	11.31	0.00297
Contaminación leve	0.6	64.50	10.57	0.00233
Contaminación severa	0.4	107.50	17.62	9.33948
Contaminación severa	0.4	103.00	16.88	5.73355
Contaminación severa	0.4	99.00	16.23	3.38529
Contaminación severa	0.4	94.50	15.49	1.83184
Contaminación severa	0.4	90.50	14.83	1.01236
Contaminación severa	0.4	86.00	14.10	0.50840
Contaminación severa	0.4	81.50	13.36	0.24022
Contaminación severa	0.4	79.50	13.03	0.18581
Contaminación severa	0.4	77.50	12.70	0.13140
Contaminación severa	0.4	73.00	11.96	0.06066
Contaminación severa	0.4	69.00	11.31	0.03545
Contaminación severa	0.4	64.50	10.57	0.02110
Contaminación muy severa	0.2	107.50	17.62	44.03114
Contaminación muy severa	0.2	103.00	16.88	38.16720
Contaminación muy severa	0.2	99.00	16.23	33.38067
Contaminación muy severa	0.2	94.50	15.49	28.55286
Contaminación muy severa	0.2	90.50	14.83	24.60800
Contaminación muy severa	0.2	86.00	14.10	20.25774
Contaminación muy severa	0.2	81.50	13.36	16.43872
Contaminación muy severa	0.2	79.50	13.03	14.76039
Contaminación muy severa	0.2	77.50	12.70	13.08207
Contaminación muy severa	0.2	73.00	11.96	10.18639
Contaminación muy severa	0.2	69.00	11.31	7.55724
Contaminación muy severa	0.2	64.50	10.57	5.21539

TABLA N° 5.2: Conductor 1, ACAR 2.59 cm - Configuración simple

Descripción estado de contaminación	Factor irregularidad superficial "m"	U [kV]	E [kV/cm]	Perdidas promedio P_{epr} [W/m]
Conductor Limpio	0.8	129.00	21.80	0.03759
Conductor Limpio	0.8	124.50	21.04	0.03267
Conductor Limpio	0.8	120.00	20.28	0.02954
Conductor Limpio	0.8	115.00	19.43	0.02676
Conductor Limpio	0.8	110.50	18.67	0.02483
Conductor Limpio	0.8	106.00	17.91	0.02266
Conductor Limpio	0.8	101.50	17.15	0.02079
Conductor Limpio	0.8	96.50	16.31	0.01885
Conductor Limpio	0.8	92.00	15.55	0.01717
Conductor Limpio	0.8	87.50	14.79	0.01527
Conductor Limpio	0.8	83.00	14.03	0.01374
Contaminación leve	0.6	115.00	19.43	16.55574
Contaminación leve	0.6	110.50	18.67	11.13133
Contaminación leve	0.6	106.00	17.91	6.95422
Contaminación leve	0.6	101.50	17.15	3.21850
Contaminación leve	0.6	96.50	16.31	0.92382
Contaminación leve	0.6	92.00	15.55	0.13384
Contaminación leve	0.6	87.50	14.79	0.02596
Contaminación leve	0.6	83.00	14.03	0.01882
Contaminación leve	0.6	78.50	13.26	0.01601

Contaminación leve	0.6	73.50	12.42	0.01353
Contaminación leve	0.6	69.00	11.66	0.01173
Contaminación severa	0.4	115.00	19.43	20.11295
Contaminación severa	0.4	110.50	18.67	15.88639
Contaminación severa	0.4	106.00	17.91	11.86564
Contaminación severa	0.4	101.50	17.15	8.50342
Contaminación severa	0.4	96.50	16.31	5.45010
Contaminación severa	0.4	92.00	15.55	3.24493
Contaminación severa	0.4	87.50	14.79	1.82402
Contaminación severa	0.4	83.00	14.03	0.95058
Contaminación severa	0.4	78.50	13.26	0.49673
Contaminación severa	0.4	73.50	12.42	0.23462
Contaminación severa	0.4	69.00	11.66	0.13340
Contaminación muy severa	0.2	115.00	19.43	51.22695
Contaminación muy severa	0.2	110.50	18.67	45.61661
Contaminación muy severa	0.2	106.00	17.91	39.98887
Contaminación muy severa	0.2	101.50	17.15	35.46042
Contaminación muy severa	0.2	96.50	16.31	30.45728
Contaminación muy severa	0.2	92.00	15.55	26.61139
Contaminación muy severa	0.2	87.50	14.79	22.68239
Contaminación muy severa	0.2	83.00	14.03	19.41365
Contaminación muy severa	0.2	78.50	13.26	16.28149
Contaminación muy severa	0.2	73.50	12.42	13.16290
Contaminación muy severa	0.2	69.00	11.66	10.84948

TABLA N° 5.3: Conductor 3, ACAR 2.59 cm - Configuración doble

Descripción estado de contaminación	Factor irregularidad superficial "m"	U [kV]	E [kV/cm]	Perdidas promedio P_{epr} [W/m]
Conductor Limpio	0.8	111.00	15.99	0.00178
Conductor Limpio	0.8	107.00	15.41	0.00186
Conductor Limpio	0.8	103.00	14.83	0.00161
Conductor Limpio	0.8	99.00	14.26	0.00153
Conductor Limpio	0.8	95.00	13.68	0.00133
Conductor Limpio	0.8	91.00	13.11	0.00135
Conductor Limpio	0.8	87.00	12.53	0.00116
Conductor Limpio	0.8	83.00	11.95	0.00109
Conductor Limpio	0.8	79.00	11.38	0.00098
Conductor Limpio	0.8	75.00	10.80	0.00083
Conductor Limpio	0.8	71.00	10.22	0.00069
Contaminación leve	0.6	99.00	14.26	0.01091
Contaminación leve	0.6	95.00	13.68	0.00941
Contaminación leve	0.6	91.00	13.11	0.00826
Contaminación leve	0.6	87.00	12.53	0.00752
Contaminación leve	0.6	83.00	11.95	0.00688
Contaminación leve	0.6	79.00	11.38	0.00614
Contaminación leve	0.6	75.00	10.80	0.00552
Contaminación leve	0.6	71.00	10.22	0.00477
Contaminación leve	0.6	67.50	9.72	0.00433
Contaminación leve	0.6	63.50	9.14	0.00389
Contaminación leve	0.6	59.50	8.57	0.00309

Contaminación severa	0.4	99.00	14.26	1.64068
Contaminación severa	0.4	95.00	13.68	0.71737
Contaminación severa	0.4	91.00	13.11	0.39170
Contaminación severa	0.4	87.00	12.53	0.20029
Contaminación severa	0.4	83.00	11.95	0.10671
Contaminación severa	0.4	79.00	11.38	0.05939
Contaminación severa	0.4	75.00	10.80	0.03436
Contaminación severa	0.4	71.00	10.22	0.02098
Contaminación severa	0.4	67.50	9.72	0.01589
Contaminación severa	0.4	63.50	9.14	0.01264
Contaminación severa	0.4	59.50	8.57	0.01037
Contaminación muy severa	0.2	99.00	14.26	30.99184
Contaminación muy severa	0.2	95.00	13.68	26.69912
Contaminación muy severa	0.2	91.00	13.11	22.66378
Contaminación muy severa	0.2	87.00	12.53	18.84050
Contaminación muy severa	0.2	83.00	11.95	15.48181
Contaminación muy severa	0.2	79.00	11.38	12.60734
Contaminación muy severa	0.2	75.00	10.80	9.72701
Contaminación muy severa	0.2	71.00	10.22	7.25749
Contaminación muy severa	0.2	67.50	9.72	5.47542
Contaminación muy severa	0.2	63.50	9.14	3.79982
Contaminación muy severa	0.2	59.50	8.57	2.40084

TABLA N° 5.4: Conductor 4, AAAC TW 2.88 cm - Configuración simple

Descripción estado de contaminación	Factor irregularidad superficial "m"	U [kV]	E [kV/cm]	Perdidas promedio P_{epr} [W/m]
Conductor Limpio	0.8	128.00	19.91	0.00638
Conductor Limpio	0.8	123.50	19.21	0.00574
Conductor Limpio	0.8	119.00	18.51	0.00523
Conductor Limpio	0.8	114.50	17.81	0.00480
Conductor Limpio	0.8	109.50	17.04	0.00460
Conductor Limpio	0.8	105.00	16.34	0.00408
Conductor Limpio	0.8	100.50	15.64	0.00402
Conductor Limpio	0.8	96.00	14.94	0.00365
Conductor Limpio	0.8	91.50	14.24	0.00337
Conductor Limpio	0.8	87.00	13.54	0.00308
Conductor Limpio	0.8	82.50	12.84	0.00296
Contaminación leve	0.6	114.50	17.81	6.64194
Contaminación leve	0.6	109.50	17.04	1.43470
Contaminación leve	0.6	105.00	16.34	0.03768
Contaminación leve	0.6	100.50	15.64	0.02920
Contaminación leve	0.6	96.00	14.94	0.02044
Contaminación leve	0.6	91.50	14.24	0.01479
Contaminación leve	0.6	87.00	13.54	0.01158
Contaminación leve	0.6	82.50	12.84	0.00885
Contaminación leve	0.6	77.50	12.06	0.00708
Contaminación leve	0.6	73.00	11.36	0.00586
Contaminación leve	0.6	68.50	10.66	0.00482
Contaminación severa	0.4	114.50	17.81	18.07623
Contaminación severa	0.4	109.50	17.04	13.11267

Contaminación severa	0.4	105.00	16.34	8.93156
Contaminación severa	0.4	100.50	15.64	5.85745
Contaminación severa	0.4	96.00	14.94	3.80553
Contaminación severa	0.4	91.50	14.24	2.31073
Contaminación severa	0.4	87.00	13.54	1.34777
Contaminación severa	0.4	82.50	12.84	0.78989
Contaminación severa	0.4	77.50	12.06	0.42277
Contaminación severa	0.4	73.00	11.36	0.21011
Contaminación severa	0.4	68.50	10.66	0.09433
Contaminación muy severa	0.2	114.50	17.81	45.06695
Contaminación muy severa	0.2	109.50	17.04	39.28710
Contaminación muy severa	0.2	105.00	16.34	34.19025
Contaminación muy severa	0.2	100.50	15.64	29.53471
Contaminación muy severa	0.2	96.00	14.94	25.37847
Contaminación muy severa	0.2	91.50	14.24	21.47547
Contaminación muy severa	0.2	87.00	13.54	18.00564
Contaminación muy severa	0.2	82.50	12.84	14.68169
Contaminación muy severa	0.2	77.50	12.06	11.40803
Contaminación muy severa	0.2	73.00	11.36	8.51874
Contaminación muy severa	0.2	68.50	10.66	6.16936

TABLA N° 5.5: Conductor 5, AAAC TW 2.88 cm - Configuración doble

Descripción estado de contaminación	Factor irregularidad superficial "m"	U [kV]	E [kV/cm]	Perdidas promedio P_{epr} [W/m]
Conductor Limpio	0.8	110.00	14.61	0.00685
Conductor Limpio	0.8	106.00	14.08	0.00612
Conductor Limpio	0.8	102.00	13.55	0.00568
Conductor Limpio	0.8	98.00	13.02	0.00480
Conductor Limpio	0.8	94.50	12.56	0.00439
Conductor Limpio	0.8	90.50	12.02	0.00391
Conductor Limpio	0.8	86.50	11.49	0.00340
Conductor Limpio	0.8	82.50	10.96	0.00286
Conductor Limpio	0.8	78.50	10.43	0.00245
Conductor Limpio	0.8	74.50	9.90	0.00207
Conductor Limpio	0.8	70.50	9.37	0.00179
Contaminación leve	0.6	98.00	13.02	0.00872
Contaminación leve	0.6	94.50	12.56	0.00811
Contaminación leve	0.6	90.50	12.02	0.00733
Contaminación leve	0.6	86.50	11.49	0.00672
Contaminación leve	0.6	82.50	10.96	0.00601
Contaminación leve	0.6	78.50	10.43	0.00529
Contaminación leve	0.6	74.50	9.90	0.00474
Contaminación leve	0.6	70.50	9.37	0.00417
Contaminación leve	0.6	67.00	8.90	0.00379
Contaminación leve	0.6	63.00	8.37	0.00336
Contaminación leve	0.6	59.00	7.84	0.00290
Contaminación severa	0.4	98.00	13.02	0.42495
Contaminación severa	0.4	94.50	12.56	0.25900
Contaminación severa	0.4	90.50	12.02	0.15176
Contaminación severa	0.4	86.50	11.49	0.08033

Contaminación severa	0.4	82.50	10.96	0.04436
Contaminación severa	0.4	78.50	10.43	0.02618
Contaminación severa	0.4	74.50	9.90	0.01780
Contaminación severa	0.4	70.50	9.37	0.01398
Contaminación severa	0.4	67.00	8.90	0.01194
Contaminación severa	0.4	63.00	8.37	0.00974
Contaminación severa	0.4	59.00	7.84	0.00844
Contaminación muy severa	0.2	98.00	13.02	24.14789
Contaminación muy severa	0.2	94.50	12.56	20.55566
Contaminación muy severa	0.2	90.50	12.02	17.09089
Contaminación muy severa	0.2	86.50	11.49	12.99510
Contaminación muy severa	0.2	82.50	10.96	10.09537
Contaminación muy severa	0.2	78.50	10.43	7.44379
Contaminación muy severa	0.2	74.50	9.90	5.13451
Contaminación muy severa	0.2	70.50	9.37	3.54389
Contaminación muy severa	0.2	67.00	8.90	2.36832
Contaminación muy severa	0.2	63.00	8.37	1.47704
Contaminación muy severa	0.2	59.00	7.84	0.93221

TABLA N° 5.6: Conductor 6, AAAC 2.90 cm - Configuración simple

Descripción estado de contaminación	Factor irregularidad superficial "m"	U [kV]	E [kV/cm]	Perdidas promedio P_{epr} [W/m]
Conductor Limpio	0.8	128.00	19.70	0.00322
Conductor Limpio	0.8	123.50	19.01	0.00226
Conductor Limpio	0.8	119.00	18.32	0.00238
Conductor Limpio	0.8	114.50	17.62	0.00196
Conductor Limpio	0.8	110.00	16.93	0.00171
Conductor Limpio	0.8	105.00	16.16	0.00159
Conductor Limpio	0.8	100.50	15.47	0.00136
Conductor Limpio	0.8	96.00	14.78	0.00126
Conductor Limpio	0.8	91.50	14.08	0.00108
Conductor Limpio	0.8	87.00	13.39	0.00096
Conductor Limpio	0.8	82.50	12.70	0.00080
Contaminación leve	0.6	114.50	17.62	16.96749
Contaminación leve	0.6	110.00	16.93	10.46996
Contaminación leve	0.6	105.00	16.16	3.97319
Contaminación leve	0.6	100.50	15.47	0.33136
Contaminación leve	0.6	96.00	14.78	0.00903
Contaminación leve	0.6	91.50	14.08	0.00716
Contaminación leve	0.6	87.00	13.39	0.00584
Contaminación leve	0.6	82.50	12.70	0.00446
Contaminación leve	0.6	77.50	11.93	0.00380
Contaminación leve	0.6	73.00	11.24	0.00323
Contaminación leve	0.6	68.50	10.54	0.00275
Contaminación severa	0.4	114.50	17.62	15.77261
Contaminación severa	0.4	110.00	16.93	11.26621
Contaminación severa	0.4	105.00	16.16	7.36925
Contaminación severa	0.4	100.60	15.47	4.04927
Contaminación severa	0.4	96.00	14.85	2.10376
Contaminación severa	0.4	91.50	14.08	0.97065

Contaminación severa	0.4	87.00	13.39	0.47289
Contaminación severa	0.4	82.50	12.70	0.20497
Contaminación severa	0.4	77.50	11.93	0.08798
Contaminación severa	0.4	73.00	11.24	0.04506
Contaminación severa	0.4	68.50	10.54	0.02367
Contaminación muy severa	0.2	114.50	17.62	44.43447
Contaminación muy severa	0.2	110.00	16.93	39.09928
Contaminación muy severa	0.2	105.00	16.16	33.84284
Contaminación muy severa	0.2	100.50	15.47	29.52225
Contaminación muy severa	0.2	96.00	14.78	25.34438
Contaminación muy severa	0.2	91.50	14.08	21.66072
Contaminación muy severa	0.2	87.00	13.39	18.23293
Contaminación muy severa	0.2	82.50	12.70	15.14699
Contaminación muy severa	0.2	77.50	11.93	11.77649
Contaminación muy severa	0.2	73.00	11.24	9.09642
Contaminación muy severa	0.2	68.50	10.54	6.88493

TABLA N° 5.7: Conductor 7, ACSR 3.51 cm - Configuración simple

Descripción estado de contaminación	Factor irregularidad superficial "m"	U [kV]	E [kV/cm]	Perdidas promedio P_{epr} [W/m]
Conductor Limpio	0.8	126.50	16.90	0.03169
Conductor Limpio	0.8	122.00	16.30	0.02934
Conductor Limpio	0.8	117.50	15.69	0.02743
Conductor Limpio	0.8	113.00	15.09	0.02563
Conductor Limpio	0.8	108.50	14.49	0.02363
Conductor Limpio	0.8	104.00	13.89	0.02169
Conductor Limpio	0.8	99.50	13.29	0.01963
Conductor Limpio	0.8	95.00	12.69	0.01806
Conductor Limpio	0.8	90.50	12.09	0.01647
Conductor Limpio	0.8	86.00	11.49	0.01468
Conductor Limpio	0.8	81.50	10.89	0.01328
Contaminación leve	0.6	113.00	15.09	0.07339
Contaminación leve	0.6	108.50	14.49	0.05426
Contaminación leve	0.6	104.00	13.89	0.04101
Contaminación leve	0.6	99.50	13.29	0.02650
Contaminación leve	0.6	95.00	12.69	0.02315
Contaminación leve	0.6	90.50	12.09	0.02120
Contaminación leve	0.6	86.00	11.49	0.01856
Contaminación leve	0.6	81.50	10.89	0.01623
Contaminación leve	0.6	77.00	10.29	0.01436
Contaminación leve	0.6	72.00	9.62	0.01247
Contaminación leve	0.6	67.50	9.02	0.01108
Contaminación severa	0.4	113.00	15.09	12.15731
Contaminación severa	0.4	108.50	14.49	7.99807
Contaminación severa	0.4	104.00	13.89	4.92737
Contaminación severa	0.4	99.50	13.29	2.57622
Contaminación severa	0.4	95.00	12.69	1.18220
Contaminación severa	0.4	90.50	12.09	0.50696
Contaminación severa	0.4	86.00	11.49	0.23855
Contaminación severa	0.4	81.50	10.89	0.11303

Contaminación severa	0.4	77.00	10.29	0.05730
Contaminación severa	0.4	72.00	9.62	0.03065
Contaminación severa	0.4	67.50	9.02	0.02115
Contaminación muy severa	0.2	113.00	15.09	44.00614
Contaminación muy severa	0.2	108.50	14.49	38.54553
Contaminación muy severa	0.2	104.00	13.89	33.70072
Contaminación muy severa	0.2	99.50	13.29	29.29715
Contaminación muy severa	0.2	95.00	12.69	25.37219
Contaminación muy severa	0.2	90.50	12.09	21.51239
Contaminación muy severa	0.2	86.00	11.49	18.01866
Contaminación muy severa	0.2	81.50	10.89	14.67317
Contaminación muy severa	0.2	77.00	10.29	11.80473
Contaminación muy severa	0.2	72.00	9.62	8.83033
Contaminación muy severa	0.2	67.50	9.02	6.61460

TABLA N° 5.8: Conductor 8, AAAC 4.60 cm - Configuración simple

Descripción estado de contaminación	Factor irregularidad superficial "m"	U [kV]	E [kV/cm]	Perdidas promedio P_{epr} [W/m]
Conductor Limpio	0.8	124.00	13.49	0.00307
Conductor Limpio	0.8	119.50	13.00	0.00300
Conductor Limpio	0.8	115.00	12.51	0.00277
Conductor Limpio	0.8	110.50	12.02	0.00257
Conductor Limpio	0.8	106.50	11.59	0.00245
Conductor Limpio	0.8	102.00	11.10	0.00198
Conductor Limpio	0.8	97.50	10.61	0.00207
Conductor Limpio	0.8	93.00	10.12	0.00186
Conductor Limpio	0.8	88.50	9.63	0.00156
Conductor Limpio	0.8	84.00	9.14	0.00144
Conductor Limpio	0.8	79.50	8.65	0.00122
Contaminación leve	0.6	110.50	12.02	0.01977
Contaminación leve	0.6	106.50	11.59	0.01870
Contaminación leve	0.6	102.00	11.10	0.01672
Contaminación leve	0.6	97.50	10.61	0.01528
Contaminación leve	0.6	93.00	10.12	0.01414
Contaminación leve	0.6	88.50	9.63	0.01315
Contaminación leve	0.6	84.00	9.14	0.01163
Contaminación leve	0.6	79.50	8.65	0.01085
Contaminación leve	0.6	75.50	8.22	0.00958
Contaminación leve	0.6	71.00	7.73	0.00823
Contaminación leve	0.6	66.50	7.24	0.00692
Contaminación severa	0.4	110.50	12.02	1.85608
Contaminación severa	0.4	106.50	11.59	0.66444
Contaminación severa	0.4	102.00	11.10	0.26757
Contaminación severa	0.4	97.50	10.61	0.12376
Contaminación severa	0.4	93.00	10.12	0.07590
Contaminación severa	0.4	88.50	9.63	0.05120
Contaminación severa	0.4	84.00	9.14	0.03659
Contaminación severa	0.4	79.50	8.65	0.02944
Contaminación severa	0.4	75.50	8.22	0.02516
Contaminación severa	0.4	71.00	7.73	0.02092

Contaminación severa	0.4	66.50	7.24	0.01825
Contaminación muy severa	0.2	110.50	12.02	35.16391
Contaminación muy severa	0.2	106.50	11.59	30.22033
Contaminación muy severa	0.2	102.00	11.10	25.91365
Contaminación muy severa	0.2	97.50	10.61	21.62402
Contaminación muy severa	0.2	93.00	10.12	17.68762
Contaminación muy severa	0.2	88.50	9.63	13.93559
Contaminación muy severa	0.2	84.00	9.14	10.62108
Contaminación muy severa	0.2	79.50	8.65	7.91412
Contaminación muy severa	0.2	75.50	8.22	5.59217
Contaminación muy severa	0.2	71.00	7.73	3.73591
Contaminación muy severa	0.2	66.50	7.24	2.35479

c) Representaciones gráficas

Los valores numéricos de las tablas anteriores se han representado gráficamente en la forma de Pérdidas Corona versus Tensión considerando en cada caso el factor de rugosidad superficial constante.

En algunos casos para mejor visualización, la misma representación grafica es presentada en escala logarítmica.

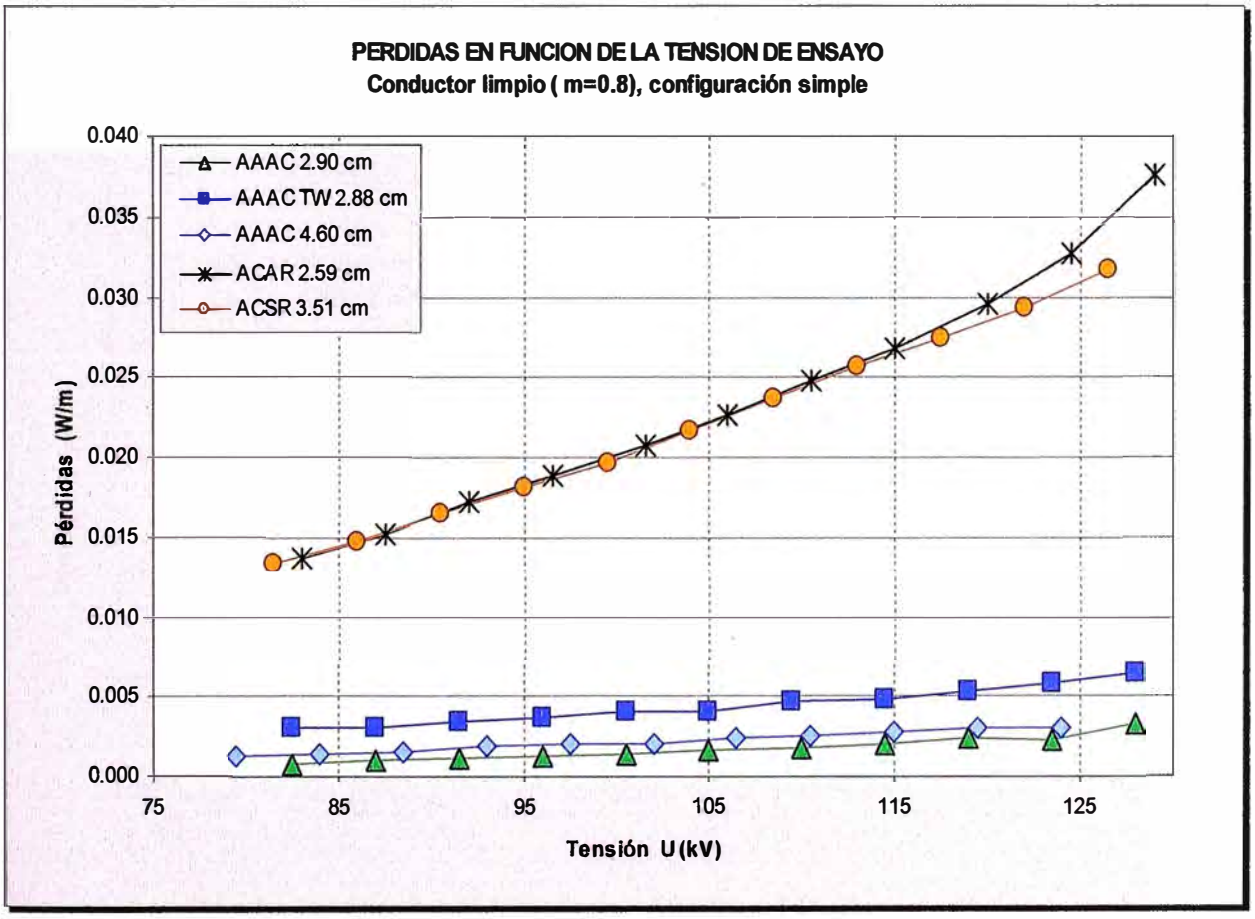

Fig. 5.1: Pérdidas en función de la tensión, configuración simple, m=0,8

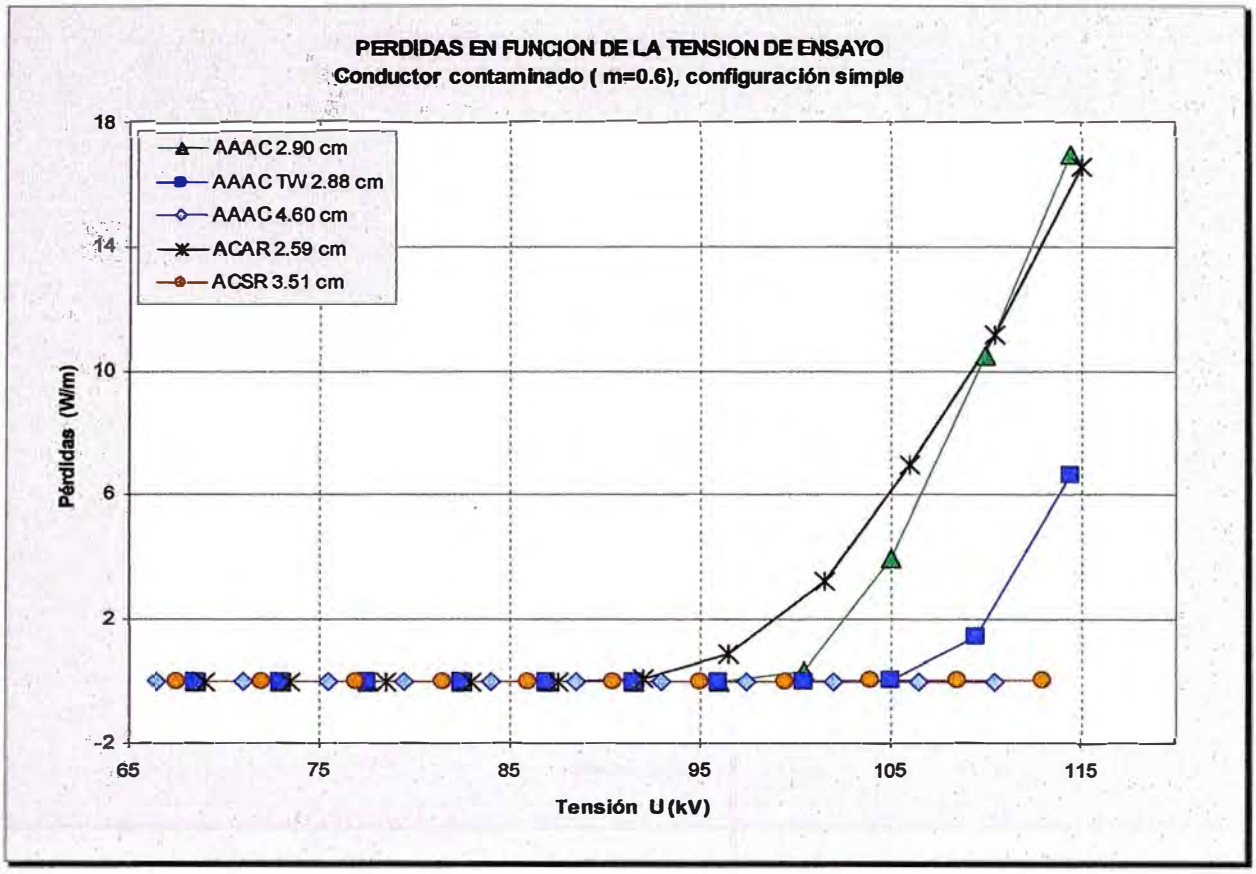

Fig. 5.2: Pérdidas en función de la tensión, configuración simple, m=0,6

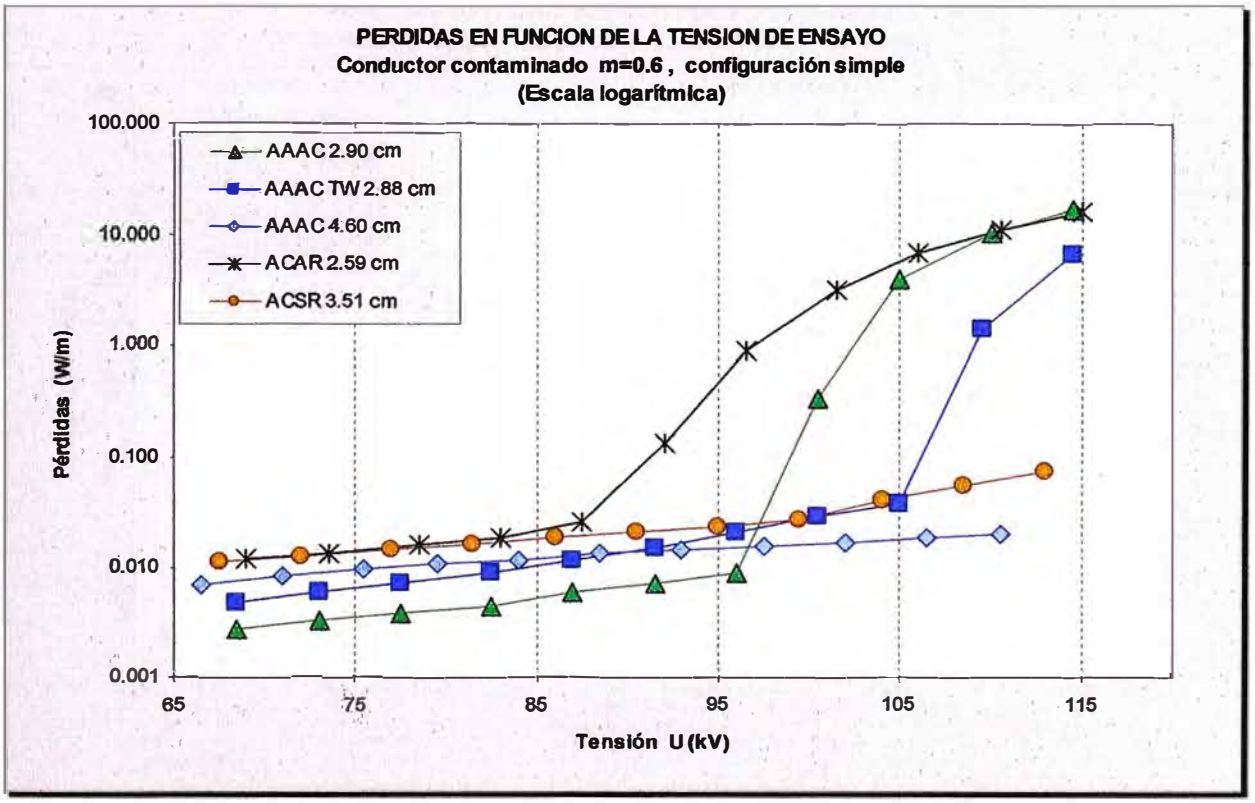

Fig. 5.3: Pérdidas en función de la tensión, configuración simple, m=0,6

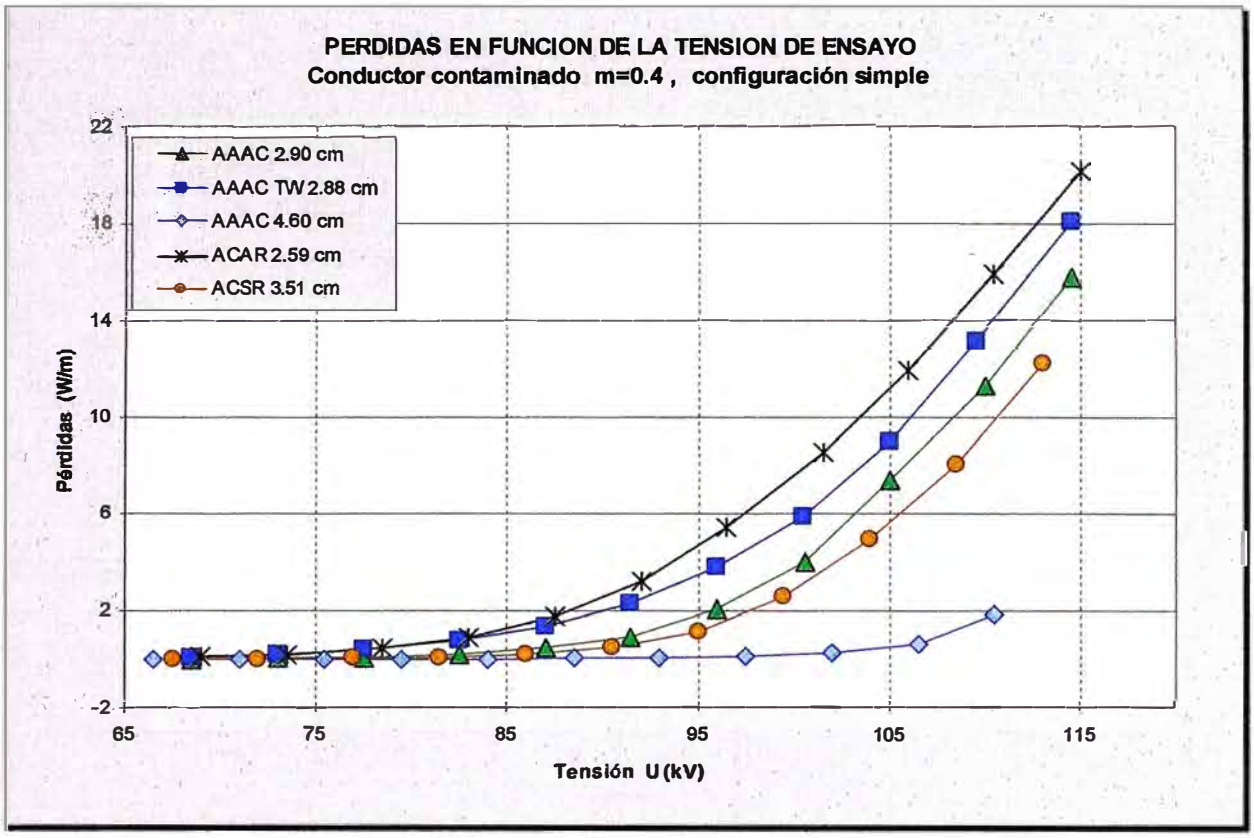

Fig. 5.4: Pérdidas en función de la tensión, configuración simple, m=0,4

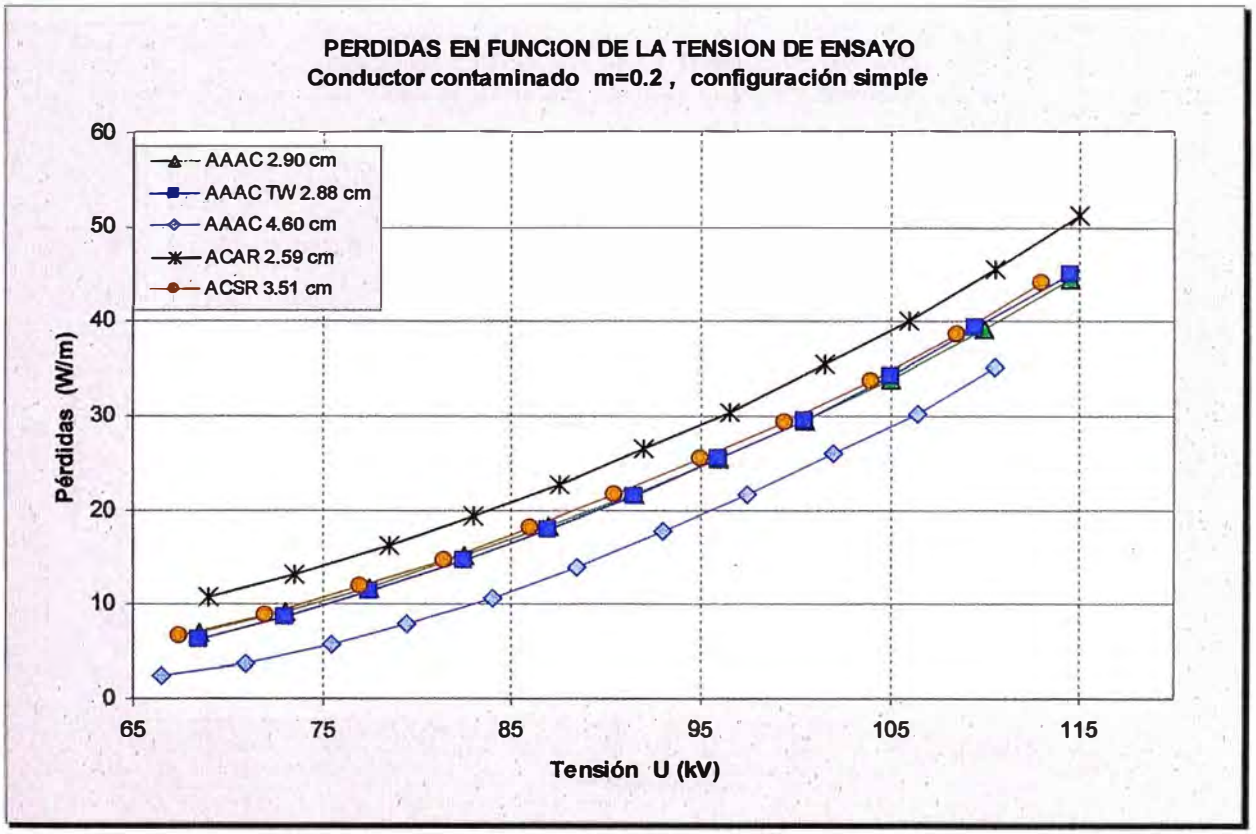

Fig. 5.5: Pérdidas en función de la tensión, configuración simple, m=0,2

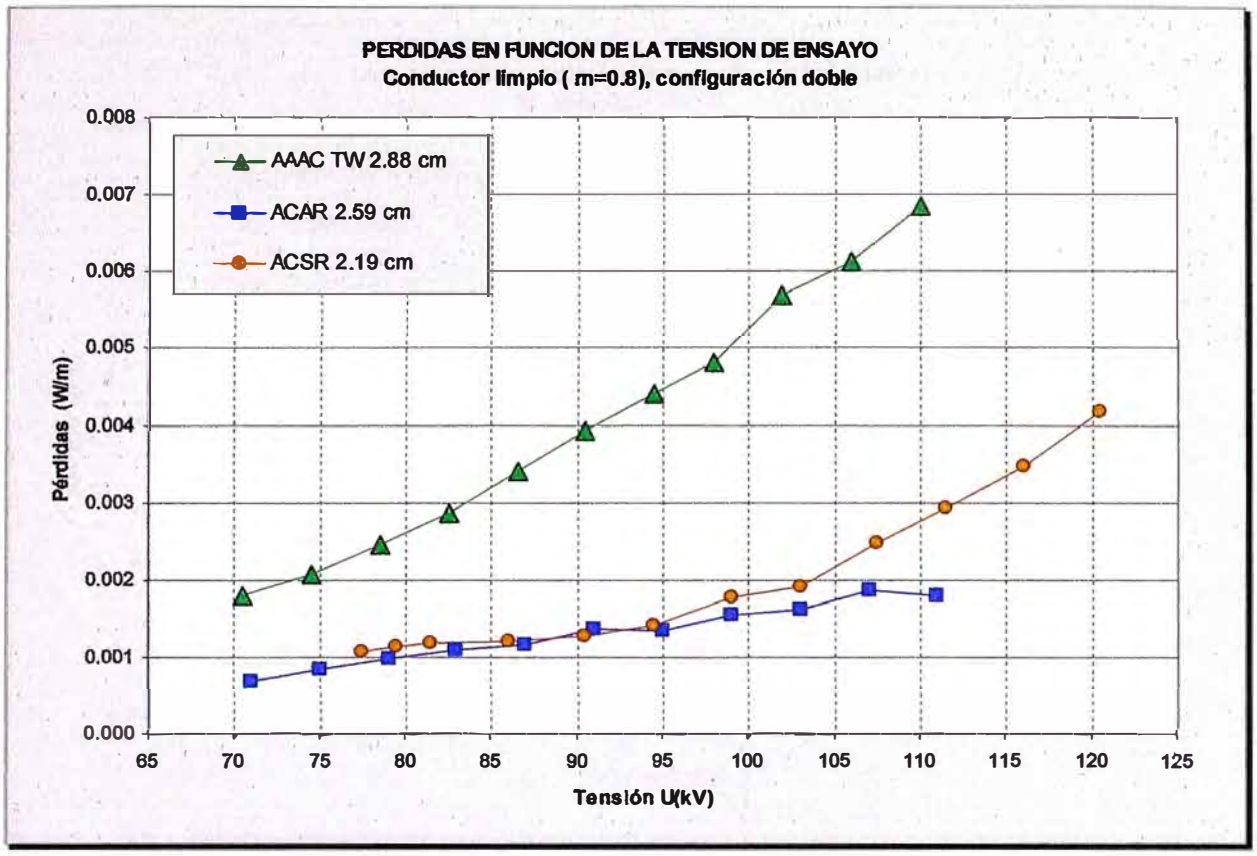

Fig. 5.6: Pérdidas en función de la tensión, configuración doble, m=0,8

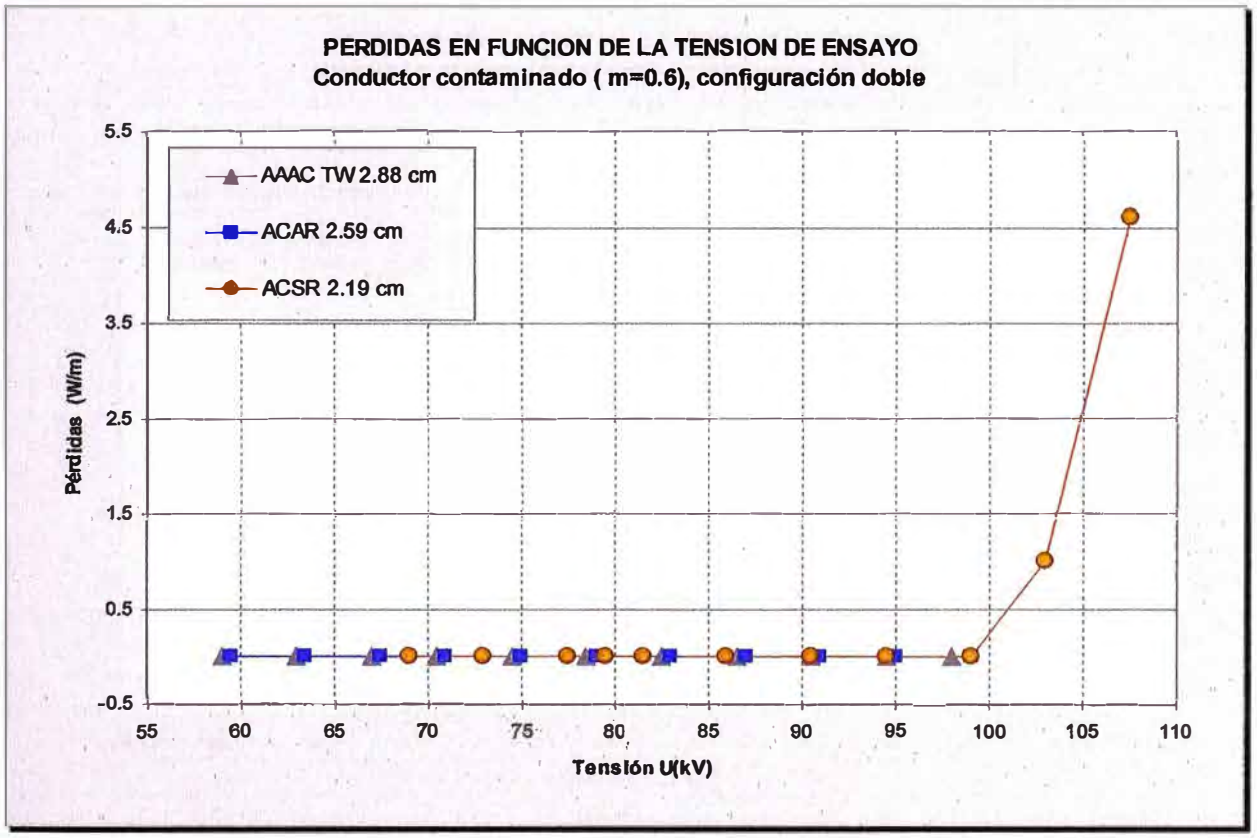

Fig. 5.7: Pérdidas en función de la tensión, configuración doble, m=0,6

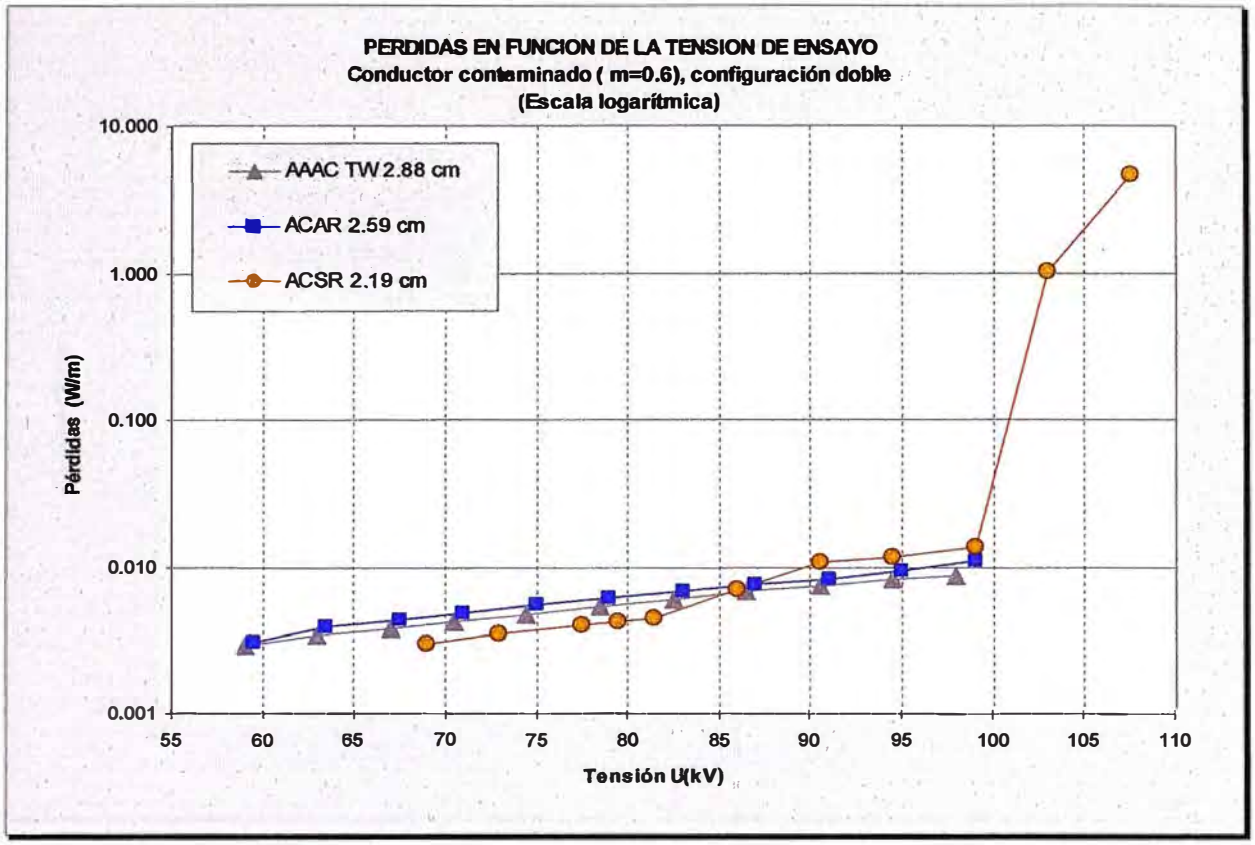

Fig. 5.8: Pérdidas en función de la tensión, configuración doble, m=0,6

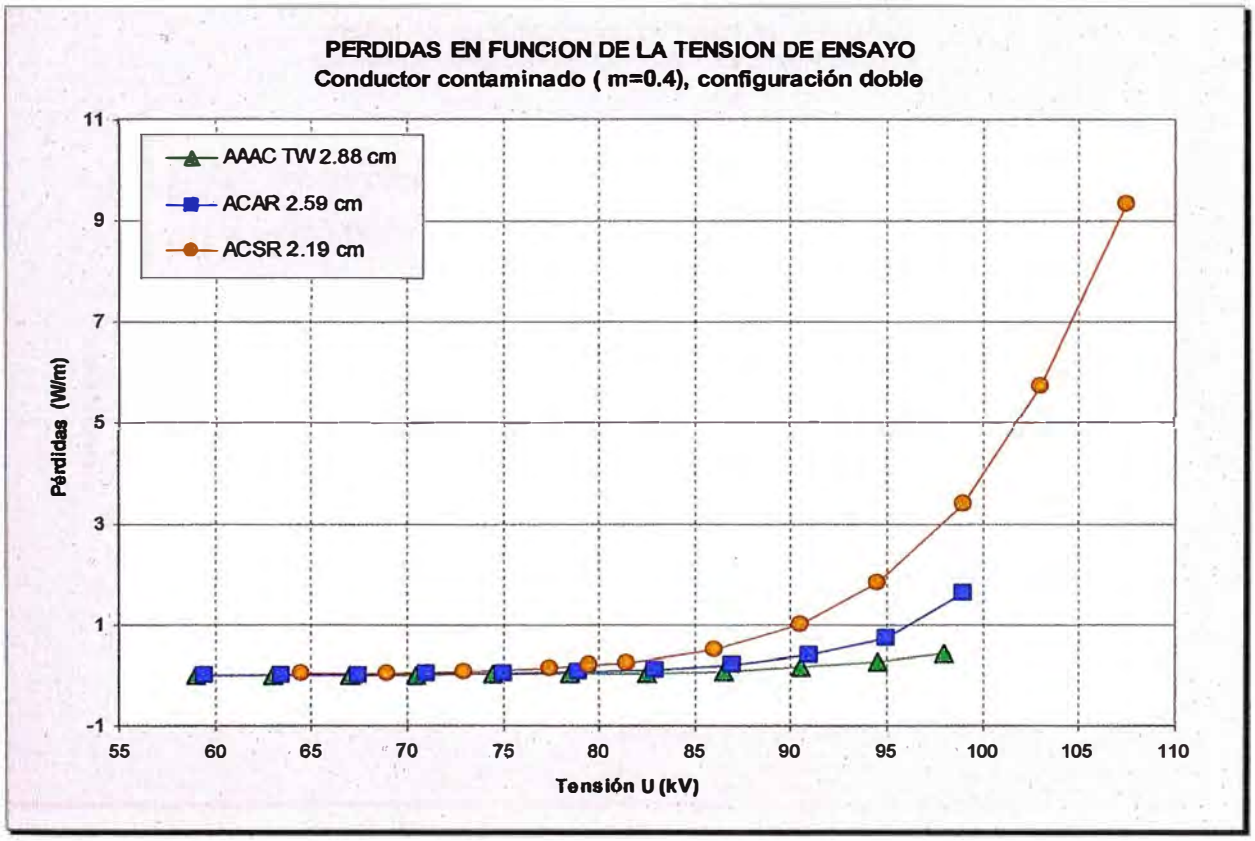

Fig. 5.9: Pérdidas en función de la tensión, configuración doble, m=0,4

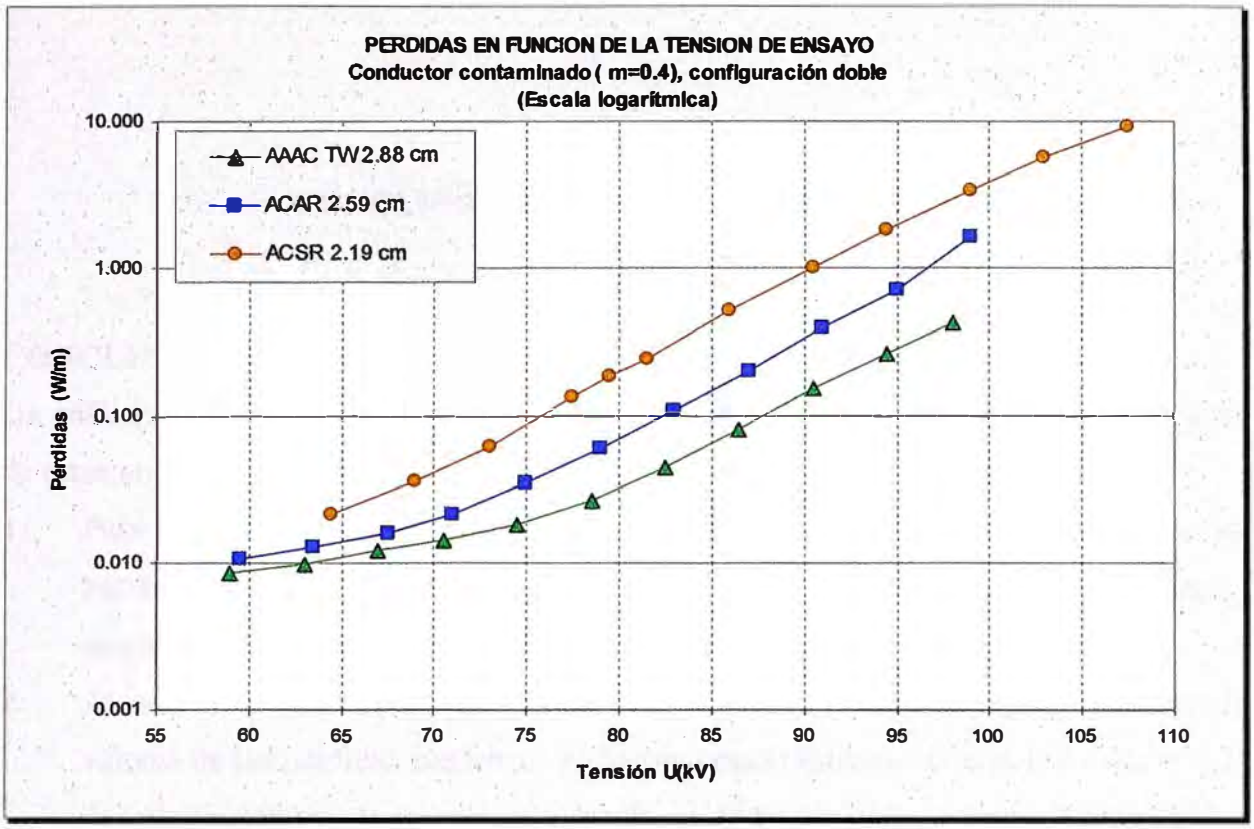

Fig. 5.10: Pérdidas en función de la tensión, configuración doble, m=0,4

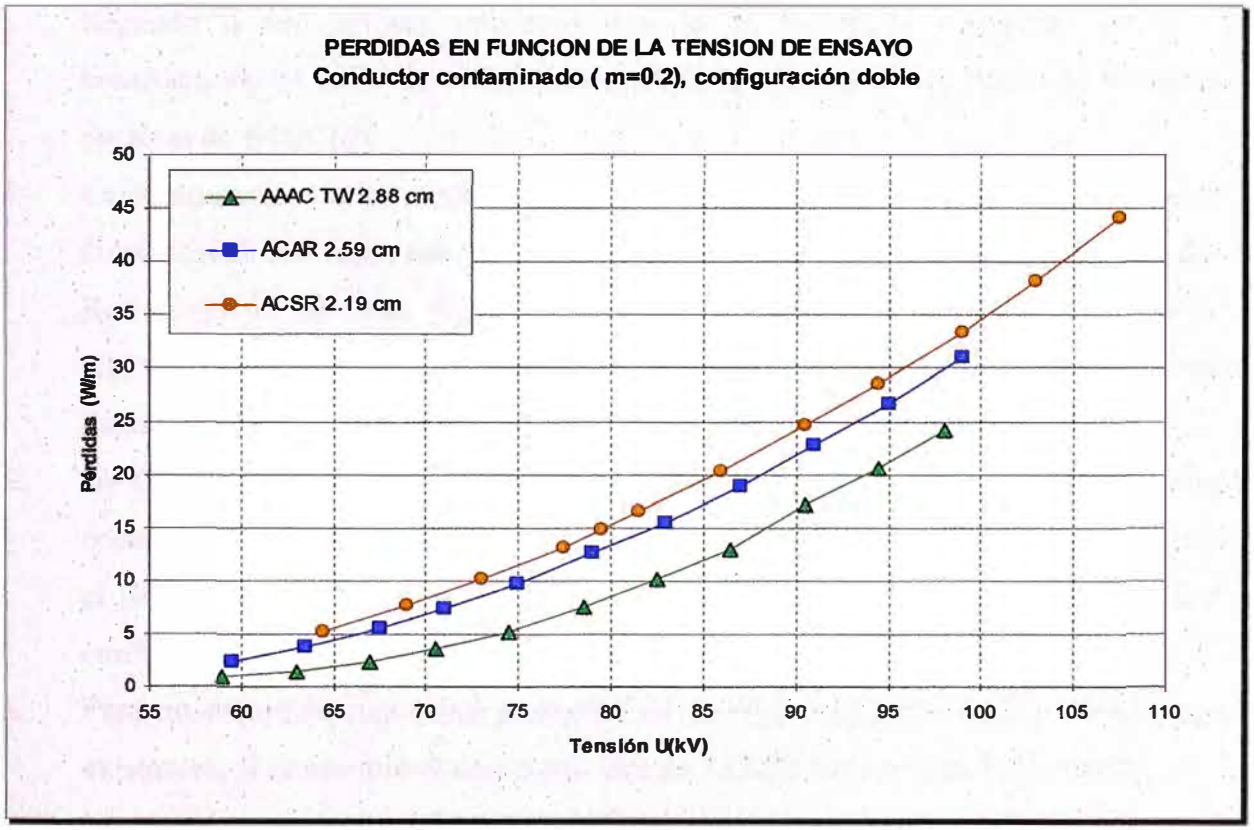

Fig. 5.11: Pérdidas en función de la tensión, configuración doble, m=0,2

CONCLUSIONES Y RECOMENDACIONES

CONCLUSIONES

Un análisis de los resultados de las pruebas de laboratorio y los gráficos generados a partir de estos nos permiten concluir lo siguiente:

1. Para valores de factor de rugosidad superficial de m =0.6, las pérdidas corona son bastante bajas considerando el valor de voltaje nominal de operación de las líneas de transmisión costeras de ETECEN.
2. Al pasar la contaminación de valores de factor de rugosidad de m =0,6 a m =0,4 los valores de las pérdidas eléctricas se incrementan rápidamente considerando el valor de voltaje nominal de operación de las líneas de transmisión costeras de ETECEN.
3. Para valores altos de contaminación correspondientes a valores de factor de rugosidad de superficie de m =0,4 a m =0,2 , las pérdidas corona son excesivas llegando a sus valores máximos cuando el factor de rugosidad es m =0,2 considerando el valor de voltaje nominal de operación de las líneas de transmisión costeras de ETECEN.
4. La comparación de los resultados de las pruebas efectuadas en los laboratorios de la Universidad San Juan, con las medidas de pérdidas efectuadas durante el estudio de Reducción de Pérdidas y efectos Salinos del Sistema de Transmisión costero de ETECEN, muestran que el factor de rugosidad de los conductores existentes en las líneas de transmisión costeras de ETECEN son en promedio del orden de 0,3.
5. De los cálculos de pérdidas totales por efecto corona de las líneas de transmisión costeras existentes, usando las diferentes configuraciones de conductor probadas en el laboratorio, muestran que para reducir dichas pérdidas, es más eficiente el uso de configuración de conductores dobles que incrementar el diámetro del conductor.
6. Para un factor de rugosidad promedio de m =0,3 a lo largo de las líneas costeras existentes, si se cambia el conductor simple 1x2,59 cm por uno doble de 2x2,19 cm, las pérdidas corona se reducen a un 32.4%, sin embargo, estas pérdidas aun son altas

pues están en el orden de 5 veces las nominales que se tendrían para un conductor no contaminado.

7. Normalmente, las pérdidas transversales en conductores cableados limpios de líneas de 220 kV, en condiciones adversas de humedad, son en promedio de 5 W/m. Por lo tanto, las pérdidas de 15 W/m (en tiempo bueno) medidas en el estudio de Reducción de Pérdidas y Efectos Salinos del Sistema de Transmisión Costero de ETECEN en 220 kV, eran de por si ya elevadas, y se incrementaban cuando las condiciones de contaminación y humedad aumentaban. Asimismo, en la evaluación económica de esa fecha realizada en ese estudio, se valorizó en US$ 6 773 356 anuales por este tipo de pérdidas en cuatro líneas de transmisión de 220 KV entre Pisco y Piura.
8. Considerando las tres conclusiones anteriores, instalar conductores dobles o incrementar significativamente la sección del conductor simple en las líneas costeras existentes, es una alternativa prácticamente antieconómica, debido a que el costo del conductor se incrementa hasta por un factor de dos, sin tener en cuenta los costos adicionales de reforzar las estructuras y de instalación del nuevo conductor.
9. Las pérdidas corona en el conductor compacto son algo mas bajas que en el conductor normal para un mismo diámetro y operado al mismo gradiente de superficie en el conductor. Sin embargo debido a que los resultados han sido obtenidos para un solo tamaño de conductor compacto, no se puede concluir fehacientemente que los conductores compactos dan pérdidas inferiores a los conductores normales.
10. Los resultados de las medidas efectuadas proveen información básica para efectuar estudios técnico-económicos de selección de conductores para las líneas de transmisión costeras de 220 kV, principalmente desde el punto de vista de reducción de pérdidas corona.

RECOMENDACIONES

1. Ámbito de aplicación y alternativas de solución: La aplicación de los resultados, conclusiones y recomendaciones del programa de mediciones con fines de estudio relacionados con la disminución de pérdidas corona se enmarcan dentro del contexto del proceso de rehabilitación y expansión del sistema de transmisión costero 220 kV que se desarrolló durante la gestión de ETECEN. En tal sentido, tomando como referencia las conclusiones del estudio de Reducción de Pérdidas y Efectos Salinos

del Sistema de Transmisión Costero de ETECEN en 220 kV, se identificó tres posibles alternativas de reducción de pérdidas:

a. Instalar conductores de mayor sección ó conductores dobles.
b. Limpiar en forma periódica los conductores existentes, y,
c. Operar el sistema a tensiones no excesivas.

2. Instalar conductores de mayor sección o conductores dobles: Los cálculos de pérdidas corona en los diferentes conductores bajo estudio ensayados en laboratorio, muestran que para reducir las pérdidas corona el uso de la configuración de conductores dobles es mas eficiente que incrementar el diámetro de un conductor simple. Sin embargo bajo las condiciones de rehabilitación y expansión del sistema de transmisión costero, pensar en instalar conductores dobles o incrementar la sección del conductor en las líneas existentes, es una alternativa totalmente antieconómica debido a que el costo del conductor se incrementa por un factor cercano a dos, y sin tener en cuenta el costo adicional de reforzar las estructuras y de instalación del nuevo conductor. La alternativa de dos conductores dobles o conductores compactos de mayor sección puede ser aplicada eficientemente en el diseño de nuevas líneas de transmisión. Tal es el caso de la línea de interconexión Mantaro Socabaya de 220 kV, construida el 2001 y que esta diseñada con dos conductores por fase.

3. Limpiar en forma periódica los conductores existentes: En 1998, como parte del proyecto de desarrollo de un prototipo de limpieza de conductores de ETECEN, se realizaron pruebas con un prototipo manual de limpieza de conductores en línea no energizada donde se obtuvieron resultados ampliamente satisfactorios, llegando a mejorar el factor de rugosidad a valores cercanos a m =0,8, que de acuerdo a la clasificación realizada para las mediciones de pérdidas corona, pueden considerarse conductores limpios. Para esta alternativa los resultados de las pruebas de laboratorio sobre los conductores contaminados son muy satisfactorios. El hecho de que las pruebas arrojaron bajas pérdidas corona para factores de rugosidad de m =0,6 y que las pérdidas corona se incrementan drásticamente para factores de rugosidad de m =0,4 a inferiores, significa que no es necesario que la limpieza del conductor contaminado se realice a la perfección. Con la eliminación de las puntas y pequeñas plantas existentes en los conductores, se elimina los puntos salientes, que son los causantes principales de las excesivas pérdidas corona. Actualmente esta alternativa

de limpieza es aplicada por REP en las líneas de transmisión costeras del Sistema Interconectado Nacional con buenos resultados.

4. Operar el sistema a tensiones no excesivas: Esta alternativa también es factible de implementación, sin embargo, es importante mencionar que si bien existen ahorros al respecto, ellos no se comparan con los de las dos alternativas antes mencionadas, debido principalmente a que las líneas de transmisión deben ser operadas en función de los niveles de potencia a transportarse y en función de los niveles de tensión necesarios para tal fin lo que dejaría un rango reducido de variación de tensión.
5. Si nos basamos estrictamente en los resultados de las medidas de pérdidas corona sobre los conductores contaminados, la recomendación natural sería el uso de conductores dobles como excelente alternativa para reducir las pérdidas corona de las líneas de transmisión costeras causadas por la contaminación acumulada sobre los conductores. Sin embargo como se ha visto esta alternativa es totalmente antieconómica en el caso de líneas existentes mas puede aplicarse en el diseño de nuevas líneas.
6. Teniendo en cuenta que REP (ex ETECEN) ya viene utilizando un equipo manual de limpieza de conductores, la expansión del sistema de transmisión costero en 220 kV y la exigencia de los entes reguladores a la disminución de pérdidas en los sistema de transmisión, es muy recomendable mejorar la tecnología de limpieza de conductores contaminados desarrollando un sistema semi-automatizado de limpieza de conductores para aplicarse en líneas energizada. Con ello no sería necesario cambiar los conductores existentes en las líneas de transmisión para reducir las pérdidas eléctricas.
7. Como una alternativa interesante se presenta el conductor compacto que a la luz de los resultados, no concluyentes debido al hecho de haberse estudiado solamente un tipo de este conductor, parecería tener un mejor comportamiento ante el efecto corona en situación de conductor contaminado. Así mismo puede concluirse que tener una superficie mas lisa acumula menos contaminación que un conductor normal.
8. Teniendo en cuenta que los resultados del proyecto Estación de pruebas para materiales alternativos de líneas de transmisión Costeras de 220 kV implementado por ETECEN, donde se determinó que este tipo de conductor acumula menos contaminantes sobre su superficie, no se puede concluir que esta menor cantidad de

contaminantes originen también menos pérdidas corona, tal como pudo apreciarse en los resultados de las pruebas.

9. Se entiende que el conductor estándar acumula más contaminantes con respecto al conductor compacto debido a que deja mas espacio entre los hilos que forman su capa superficial lo que ocurre mínimamente en el conductor compacto. Sin embargo, parece poco probable que esta contaminación adicional sobre el conductor estándar se presente en forma de protuberancias o puntas sobre los hebras que forman la superficie y originen mas pérdidas corona con respecto al conductor compacto. Ello explicaría las resultados y conclusiones de las pruebas respecto al conductor compacto.

ANEXOS

ANEXO A: DESCRIPCIÓN DE LAS INSTALACIONES Y EQUIPAMIENTO DEL LABORATORIO

1 Circuito de ensayo

El circuito de ensayo utilizado para la medición de pérdidas por efecto corona es el que corresponde a la conexión puente, específicamente la debida a Schering, apta para la medición de capacidades y factores de pérdida de muy bajo valor. Como en toda conexión puente, existen cuatro ramas: dos de alta tensión y dos de baja tensión. Una de las ramas de alta tensión está constituida por el capacitor patrón, y la otra por el capacitor incógnita (en este caso la conexión coaxial en la jaula de ensayos). Las ramas de baja tensión de encuentran dentro del instrumento ("puente" propiamente dicho).

El circuito es alimentado por un transformador de prueba descripto en 1.3.

Al final de este anexo se muestra el circuito de medición, un esquema del laboratorio y fotografías de las instalaciones, equipamiento e instrumentos empleados.

1.1 Puente de Schering

El Puente Schering utilizado para las pruebas es de alta precisión, marca Tettex AG (Zürich) del tipo 2801. Este puente permite la medición de impedancias de tipo capacitivo con un factor de disipación tan δ en un rango que va de 0 a 3.5 con una precisión $\pm$ 0.5% $\pm$ 1...5 10^{-5} .

1.2 Regulador de potencial de guardia

Se utiliza para controlar el potencial de los apantallamientos, el cual debe ser balanceado con los puntos a y b del puente conectados al galvanómetro. Esto se logra mediante el regulador de potencial de guardia, el cual se conecta al sistema de pantallas. El regulador empleado es de marca Tettex AG, Zürich, modelo 2901, y está provisto de un transformador con salidas en tres niveles de tensión, y de una red de desplazamiento de fase que proporciona un control completo de la tensión de la pantalla.

1.3 Transformador de ensayos

El transformador de ensayos de alta tensión es una unidad marca Haefely del tipo TEOH, construido en baño de aceite dentro de un cilindro aislante.

La información técnica de este transformador es:

Transformador de ensayos Haefely Tipo TEOH 250/50/50

Tensión primaria:	500	V
Tensión secundaria:	250000	V

- Frecuencia: 50 Hz
- Potencia aparente de salida con operación de 8 horas diarias: 50 kVA
- Carga en vacío: 8 kVA
- Tensión de corto circuito: 6 %
- Temperatura máxima del aceite: 50 ºC

1.4 Bobina de choque

Se utilizó un inductor serie en el circuito de baja tensión del transformador de ensayo para lograr un mejoramiento en la forma de onda de la tensión proporcionada por el transformador de prueba. La bobina se construyó con conductor de 25 mm^2 de sección, teniendo una inductancia aproximada de 56,3 mH y una resistencia de 0.9 Ω.

1.5 Divisor de tensión capacitivo y voltímetro de alta tensión

Este dispositivo se utiliza para medir la tensión aplicada al objeto bajo ensayo. El sistema de medición de tensión permite realizar mediciones en tres rangos de tensión: 250 kV, 125 kV y 62.5 kV, siendo la tensión nominal del equipo 250 kV. La capacidad primaria del divisor de tensión es de 436 pF, y la precisión de la medición es de ± 1%.

La precisión de este equipo fue validada por el Instituto Nacional de Tecnología Industrial (INTI) durante el programa de ensayos.

1.6 Capacitor Patrón

El capacitor patrón es usado como referencia durante la medición de capacidad y tan δ de la muestra. El capacitor patrón usado es marca Tettex AG tipo 3390, de gas comprimido, con una tensión máxima de servicio de 190 kV, una capacidad de 105,05 pF y tan $\delta < 1.10^{-5}$. El capacitor viene provisto de manómetro para control de presión de aire y posee circuito de apantallamiento del electrodo de baja tensión y circuito de puesta a tierra. Posee además dos explosores de seguridad.

1.7 Jaula de ensayo y estructuras de soporte

La jaula de ensayos tiene el propósito de constituir, junto con el propio conductor bajo ensayo, el capacitor incógnita en el circuito puente. Este capacitor así formado tiene una disposición coaxial, siendo la jaula el electrodo exterior. La jaula está formada por cuatro cilindros diferentes, construidos con una armazón de sostén de caño metálico y planchas de material desplegado para lograr las superficies cilíndricas. El cilindro principal de la jaula es el electrodo de baja tensión, y tiene un diámetro de 2,50 m y 12 m de largo. El cilindro principal de guardia esta dispuesto exteriormente al cilindro principal, teniendo un diámetro de 2,60 m y un largo idéntico al anterior (12 m). Estos dos cilindros forman una

configuración coaxial, donde el cilindro interno es el electrodo de baja tensión del capacitor incógnita y el cilindro externo es el apantallamiento del puente Schering. Ambos cilindros están unidos mecánicamente a través de caños plásticos aislantes longitudinales, fijados con precintos plásticos. Este dispositivo doble coaxial posee seis puertas en su parte inferior, dispuestas cada 2 m de modo de tener acceso al interior de cilindro y poder introducir los soportes que sustentan al pasillo interno que es montado en el interior del cilindro durante el proceso de contaminación. El pasillo interno se monta mediante 10 soportes metálicos en forma de T, espaciados 2 m cada uno, que sirven de apoyo a andamios de madera que se colocan en la parte superior de los soportes.

Existen también los dos cilindros auxiliares, de 2,50 m de diámetro y 2 m de largo cada uno, los cuales están dispuestos coaxialmente uno a cada lado del cilindro principal, a una distancia axial de 10 cm. Los cilindros auxiliares tienen el propósito de uniformizar el campo eléctrico en los extremos de electrodo de baja tensión (cilindro principal), evitando el efecto de borde. Estos cilindros se conectan eléctricamente al cilindro principal de guardia, cuyo potencial se controla con el regulador de potencial de guardia.

El sistema de jaulas se encuentra suspendido de una estructura metálica de soporte construida para tal fin mediante aparejos. Esto permite la regulación de la altura de la jaula y controlar la flecha de la misma, de modo de facilitar el centrado del conductor.

Se han fabricado asimismo dos estructuras metálicas de soporte del conductor o haz de conductores, las cuales a su vez están fijadas a un pórtico metálico en el lado oeste de la sala de ensayos y al muro de hormigón del laboratorio en el lado este. Estas estructuras permiten la regulación de la altura del conductor sobre el terreno y el desplazamiento horizontal.

1.8 Circuito con transformadores de intensidad para inyección de corriente

Se implementó un circuito con transformadores de intensidad para inyección de corriente con el fin de hacer circular corriente por conductor bajo ensayo en alta tensión, de modo de calefaccionar el mismo y de ese modo evitar la condensación de agua durante los ensayos de humedad.

Para ello se montó un circuito formado por el conductor bajo ensayo más un conductor de retorno dispuesto paralelo a aquel y en el exterior de la jaula, formando así un anillo cerrado. Este anillo estuvo alimentado por una fuente de inyección de corriente, constituida por 6 transformadores de intensidad conectados en serie en sus arrollamientos de alta corriente (y alta tensión). Estos transformadores se alimentaron con una fuente de tensión

variable desde sus arrollamientos de baja tensión, que fueron conectados en paralelo. La conexión de 6 unidades en serie se hizo necesaria para vencer la reactancia inductiva del circuito, pudiendo inyectar una corriente máxima de aproximadamente 450 A para una configuración de conductor simple.

2 Otros dispositivos en el laboratorio de mediciones de pérdidas corona

2.1 Binocular para visión nocturna

Dispositivo binocular amplificador de imágenes de fabricación rusa, de tipo Generación I, alimentado a batería de 9 V.

2.2 Equipamiento de humidificación

El laboratorio cuenta con dos humidificadores por pulverización de agua de capacidad 500 m^3/h. Cada uno de estos dispositivos cuenta con un motor que acciona un ventilador que fuerza al aire ambiente a pasar por un difusor al que a su vez se le inyecta agua. El difusor tiene forma de rueda y la aspersión del agua pulverizada se efectúa por la periferia de aquél, lográndose así una corriente de agua pulverizada de 50 cm de diámetro.

Las especificaciones técnicas son:

Humidificador marca Kaiken

Capacidad:	500	m^3/h
Motor trifásico:	0.5	HP
	220/380	V
Caudal de agua:	0-20	lts/h
Humedad relativa:	60 - 90	%
Diámetro del flujo de agua:	50	cm

2.2 Instrumentos de medición de condiciones atmosféricas

Se cuenta con 3 unidades de medición digital de humedad y temperatura de fabricación alemana. Las especificaciones técnicas se dan a continuación:

Instrumento de medición de humedad y temperatura Marca Testo

Modelo	Testo 615	
Sensor	sensor testo® -%RH y NTC	
Rango de aplicación %RH	0 - 99	%
Precisión	± 3	% en el rango 5 a 95 % RH
Rango de medición ºC	0 - 50	ºC
Precisión	± 0.4	ºC
Resolución	0.1	%RH / 0.1 ºC

Batería	9 V
Tiempo de vida de batería	100 H
Temperatura de operación	0 - 50 °C

3 Software

Las tareas de cálculo y redacción de informes se han realizado en computadoras personales IBM compatibles, con procesadores Pentium. El software utilizado ha sido Windows 95 y NT, Microsoft Office (especialmente Word 97 y Excel 97). Como herramienta de cálculo adicional se ha utilizado MatLab Versión 5.2.0.3084 (The MathWorks Inc.). Como apoyo a los cálculos de campo magnético realizado con MatLab, se usó el programa de cálculo de campos Magnet V (Infolytica) para PC.

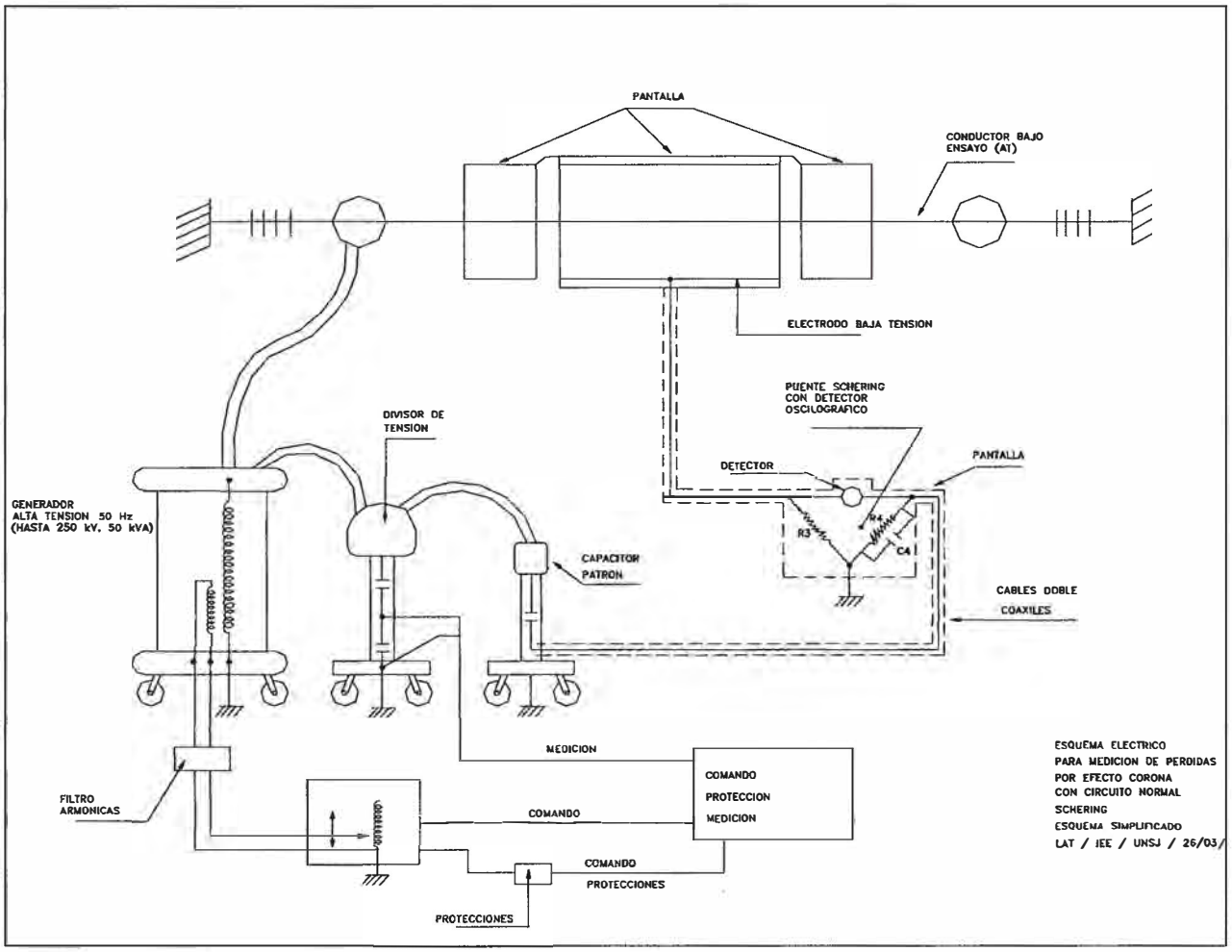

Fig. ANEXO A.1: Circuito real de medición

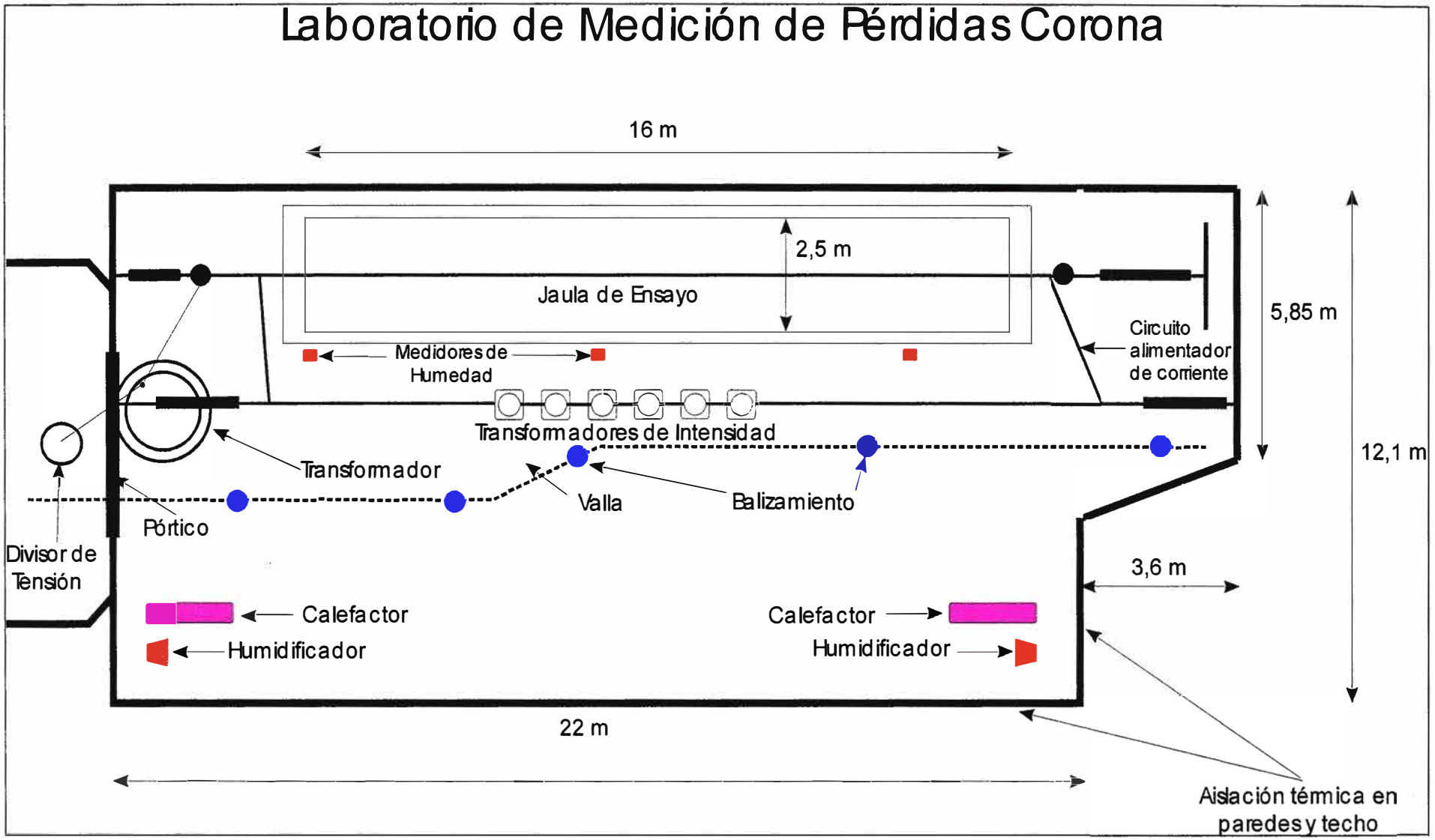

Fig. ANEXO A.2: Esquema de ubicación de los componentes en el laboratorio de ensayos

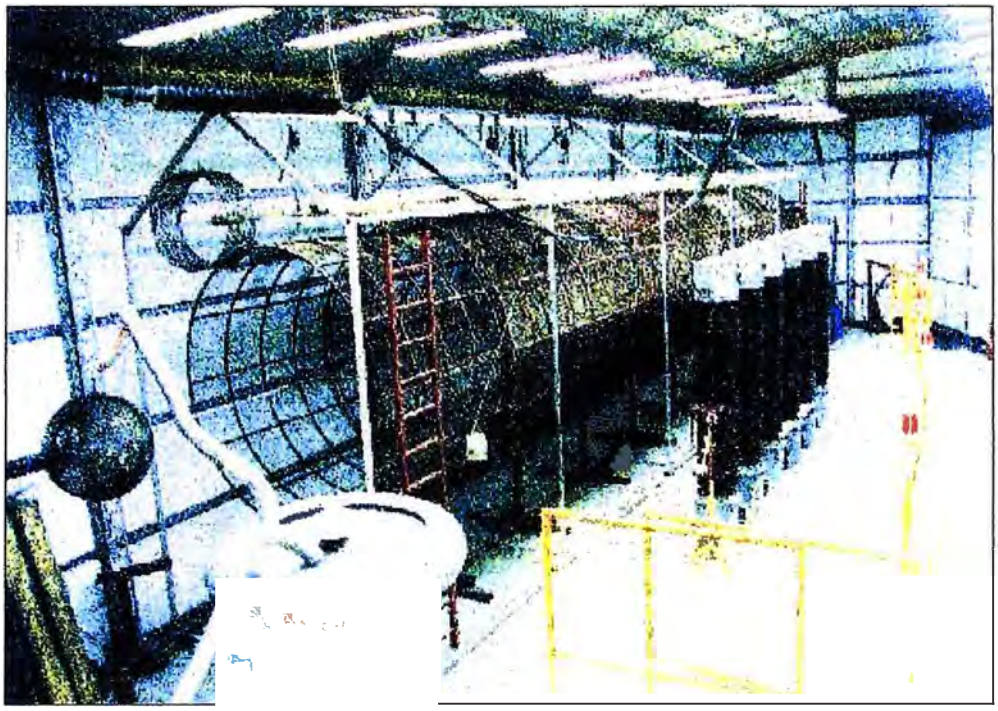

Fig. ANEXO A.3: Sala de ensayos de efecto corona. Puede apreciarse la jaula de ensayo el transformador de prueba y los transformadores de corriente.

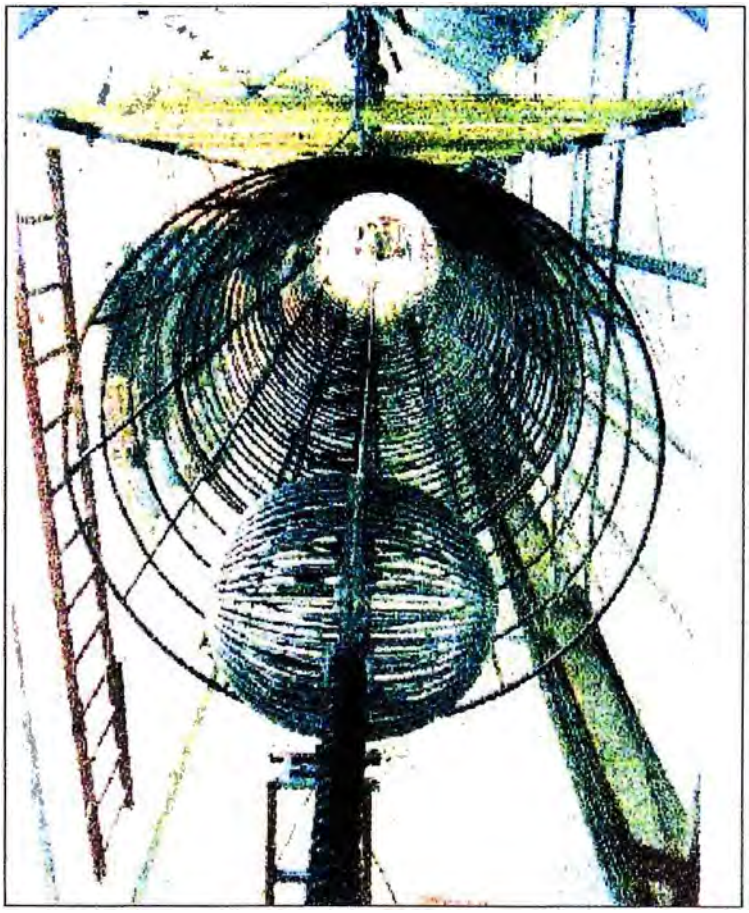

Fig. ANEXO A.4: Sala de ensayos de efecto corona. Vista interior de la jaula de ensayos.

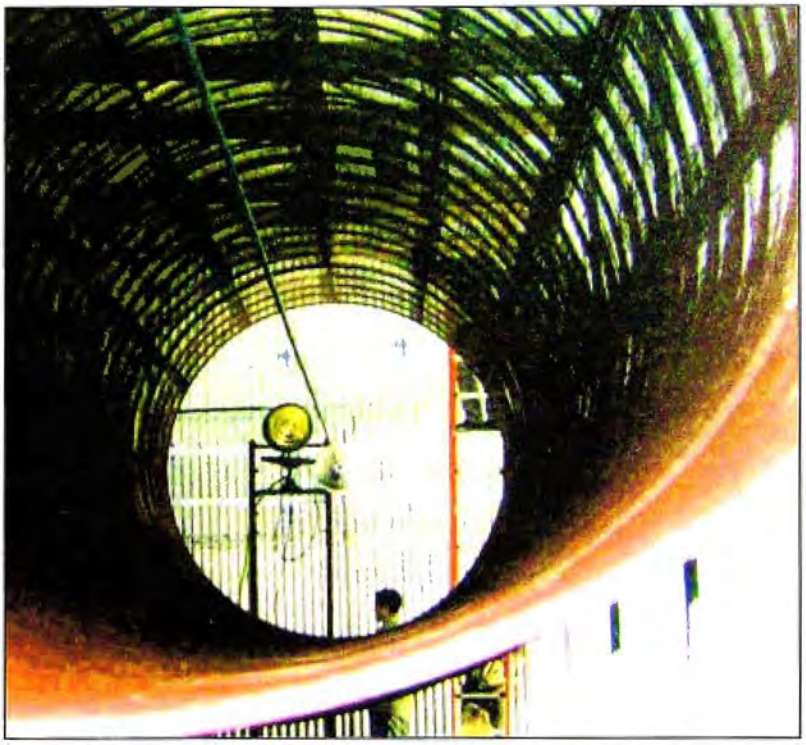

Fig. ANEXO A.5: Vista del interior de la jaula. Puede verse el conductor dispuesto coaxialmente con el cilindro.

Fig. ANEXO A.6: Transformador principal de ensayos 500/250000 V, 50 KVA

Fig. ANEXO A.7: Sala de ensayos de efecto corona. Vista del transformador de pruebas , bobina serie y capacitor patrón.

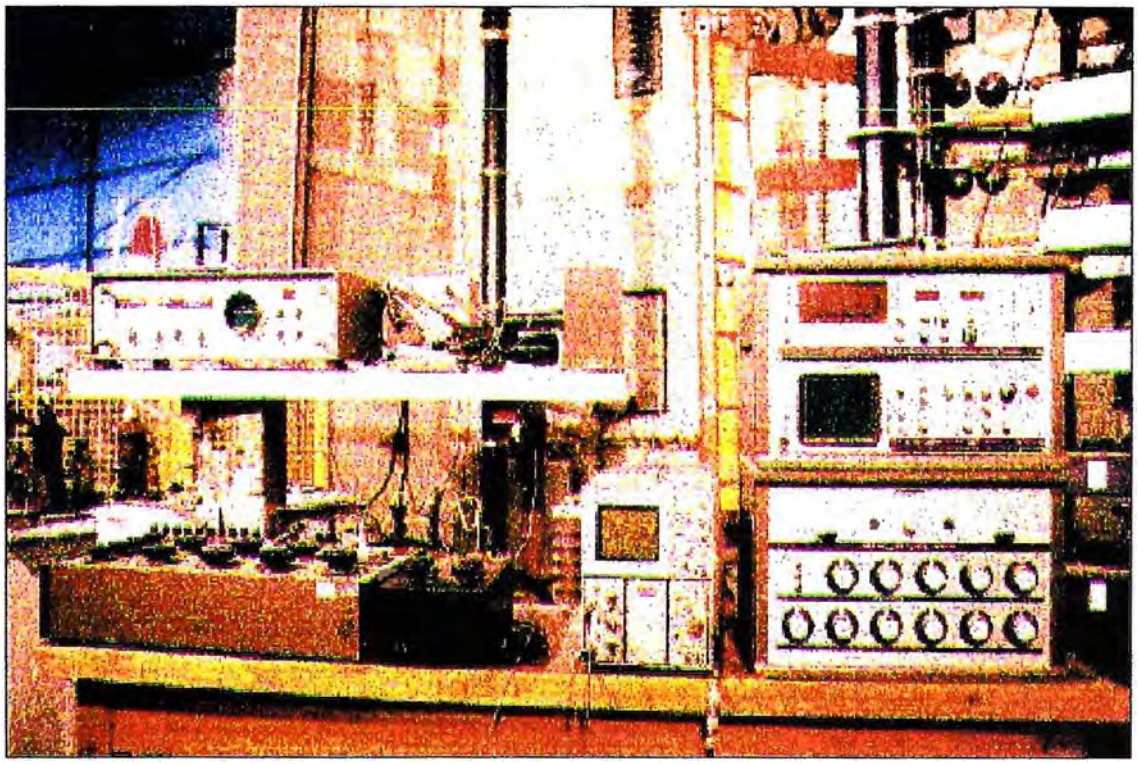

Fig. ANEXO A.8: Sala de ensayos de efecto corona. Equipos de medición, puede apreciarse en la parte inferior izquierda el puente shering utilizado.

ANEXO B: IMÁGENES DE CONTAMINACIÓN DE CONDUCTORES

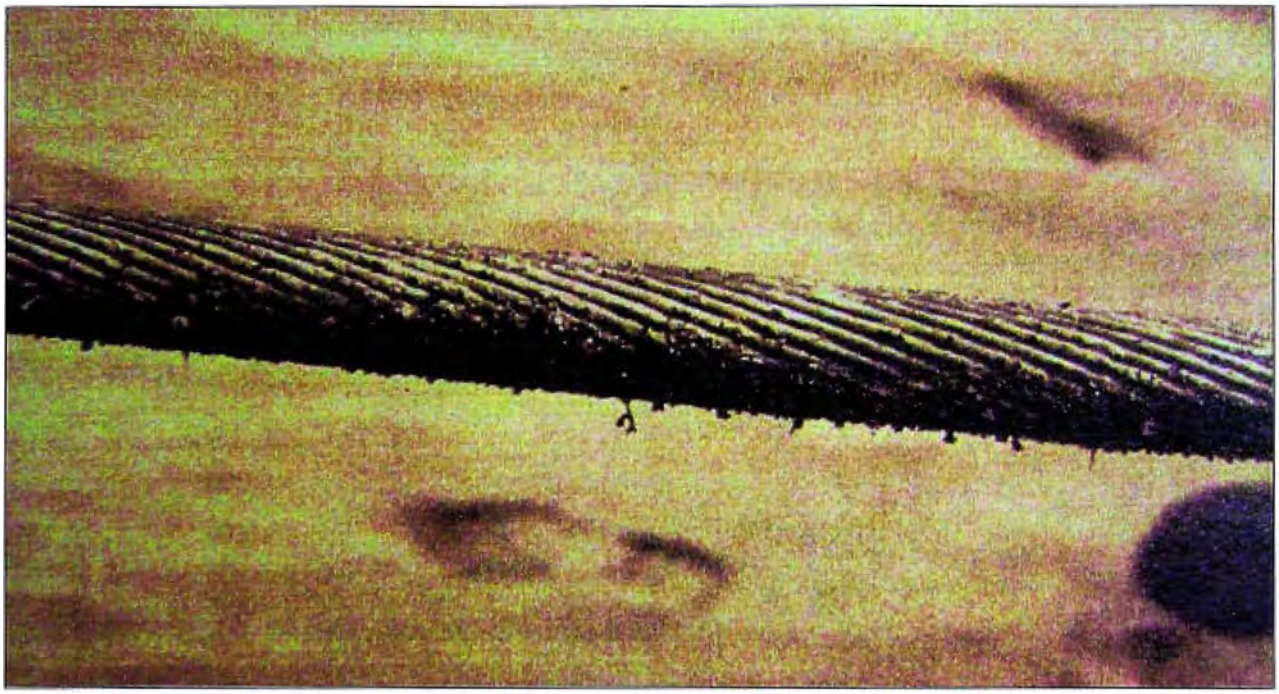

Fig. ANEXO B.1: Contaminación natural leve de conductores en líneas de transmisión de la costa peruana.

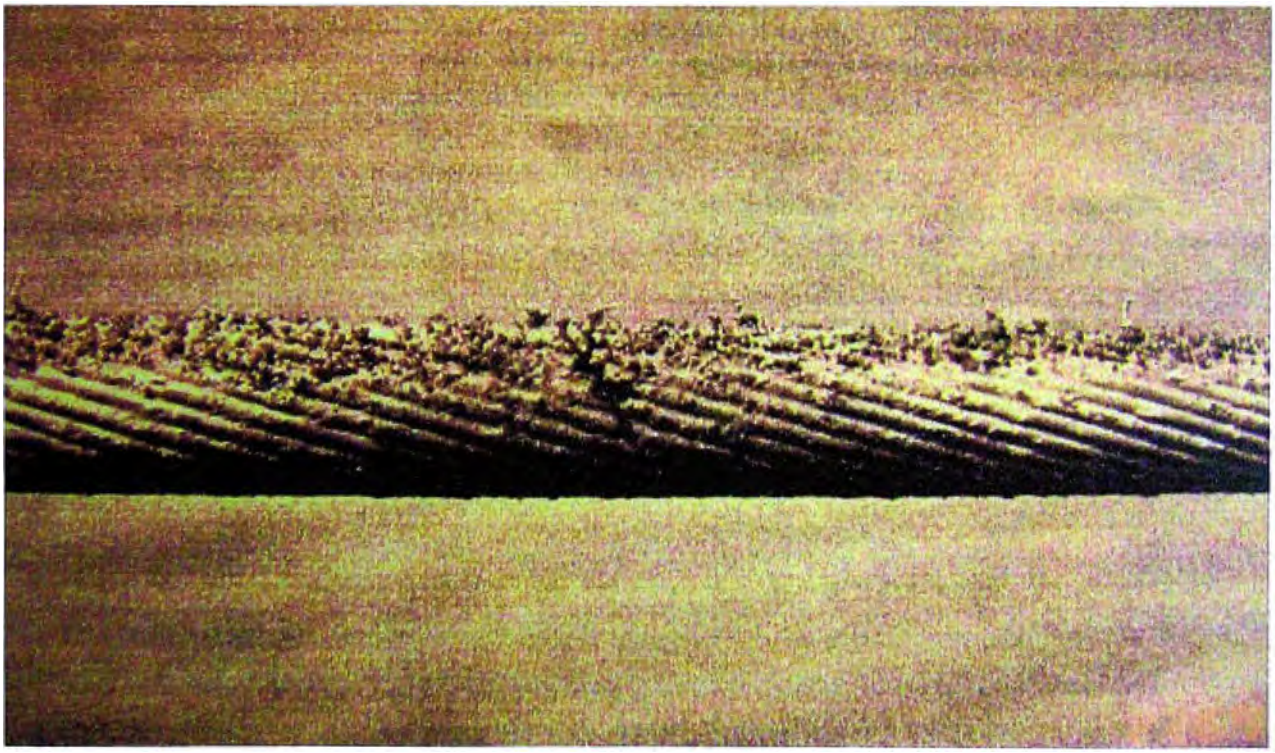

Fig. ANEXO B.2: Contaminación natural severa de conductores en líneas de transmisión de la costa peruana.

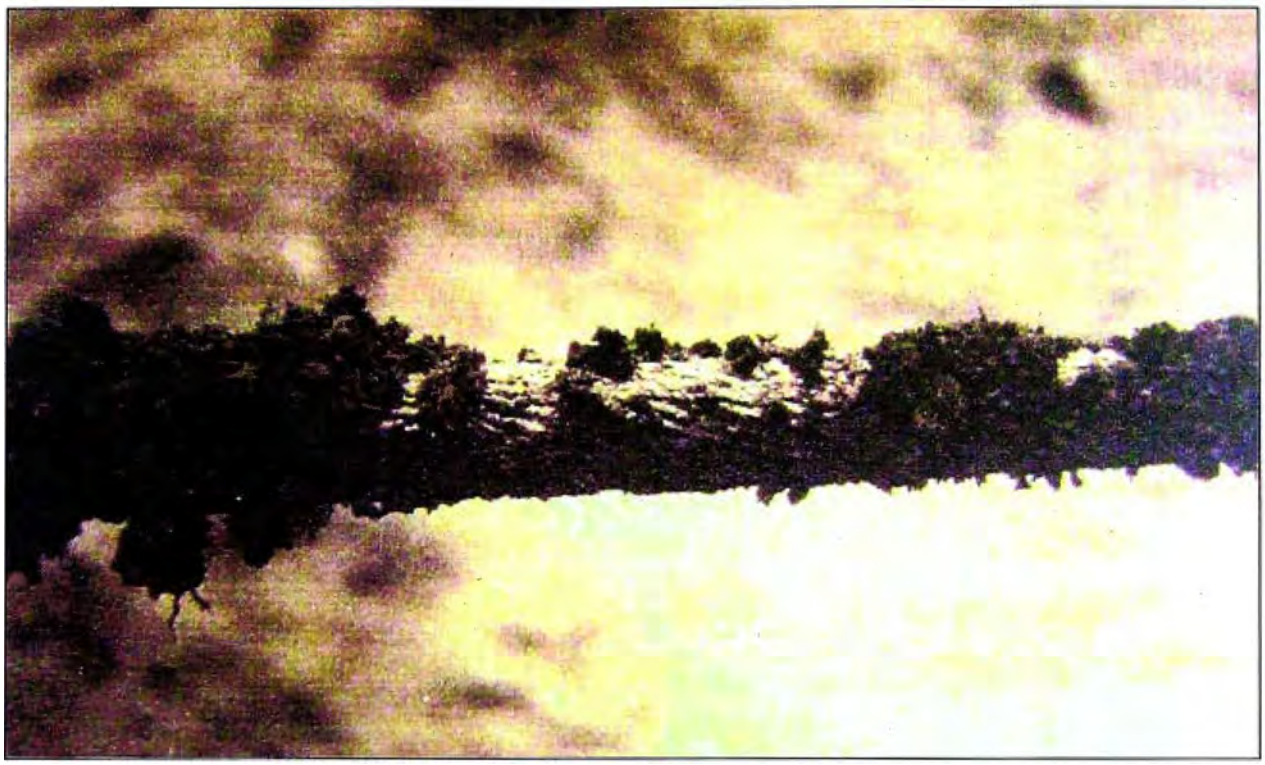

Fig. ANEXO B.3: Contaminación natural muy severa de conductores en zonas críticas de líneas de transmisión de la costa peruana.

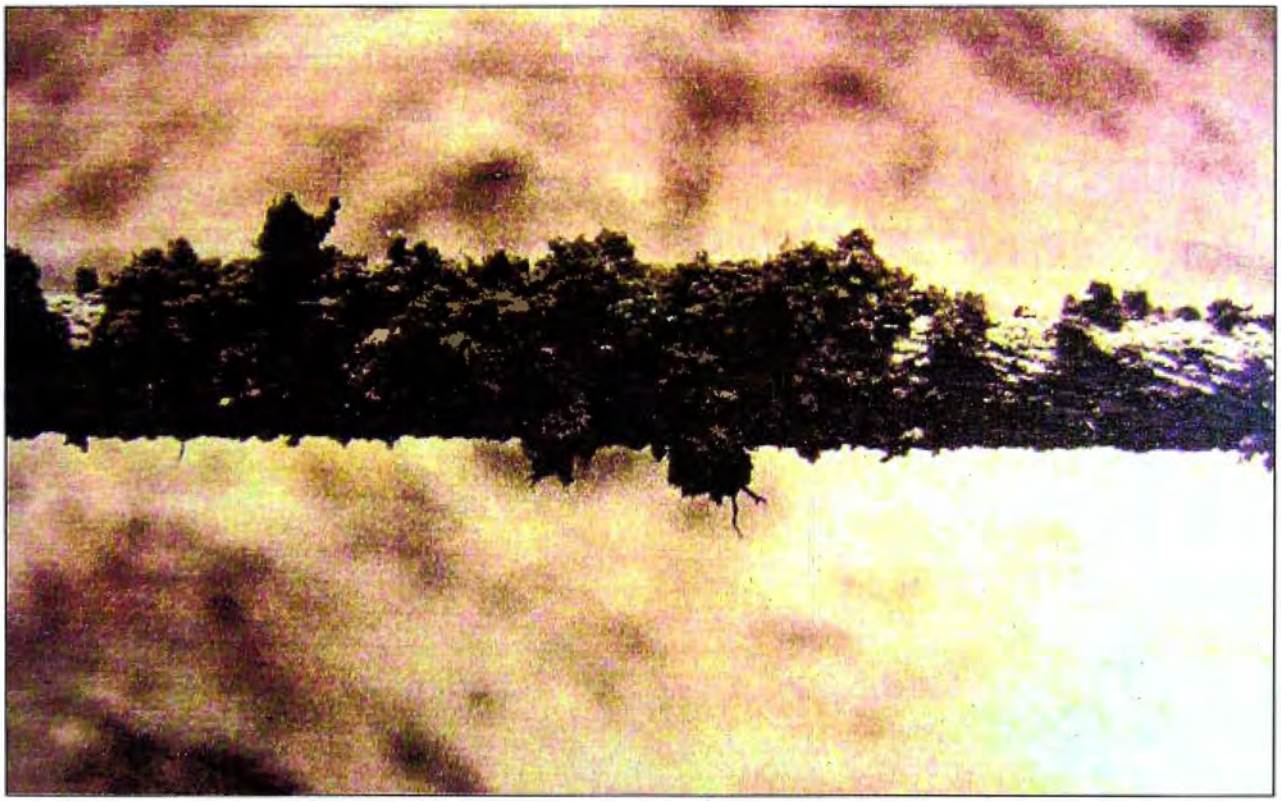

Fig. ANEXO B.4: Contaminación natural muy severa de conductores en zonas críticas de líneas de transmisión de la costa peruana.

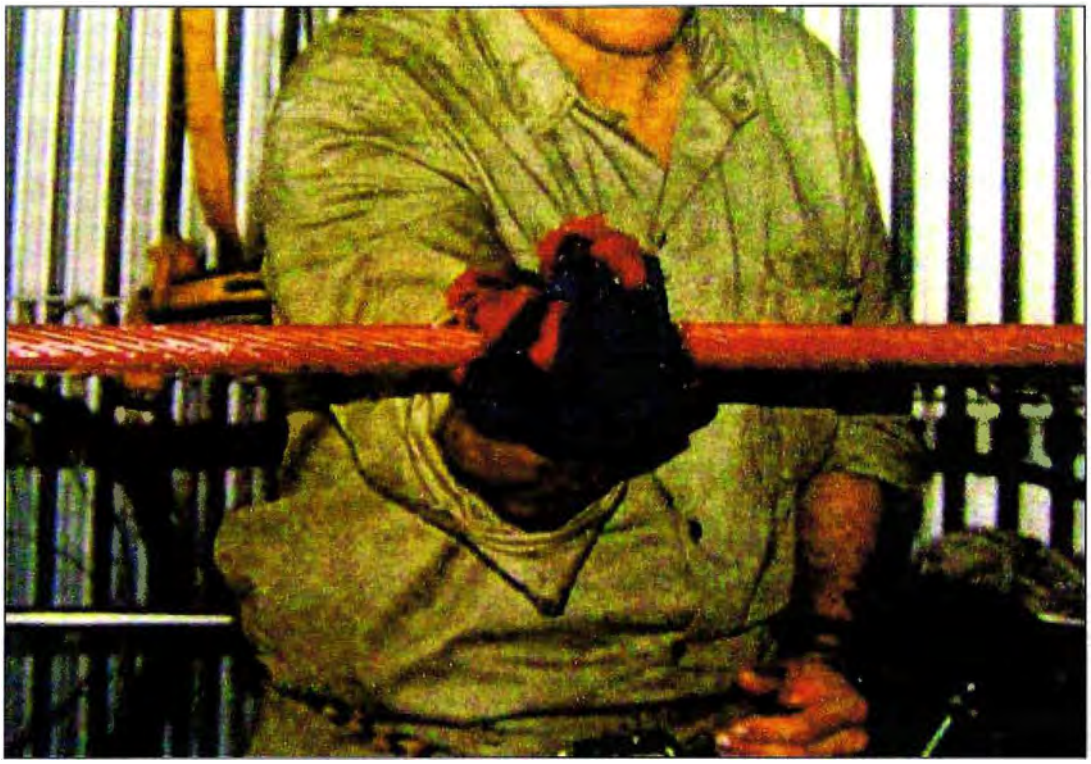

Fig. ANEXO B.5: Aplicación de la grasa para adherencia de las partículas contaminantes.

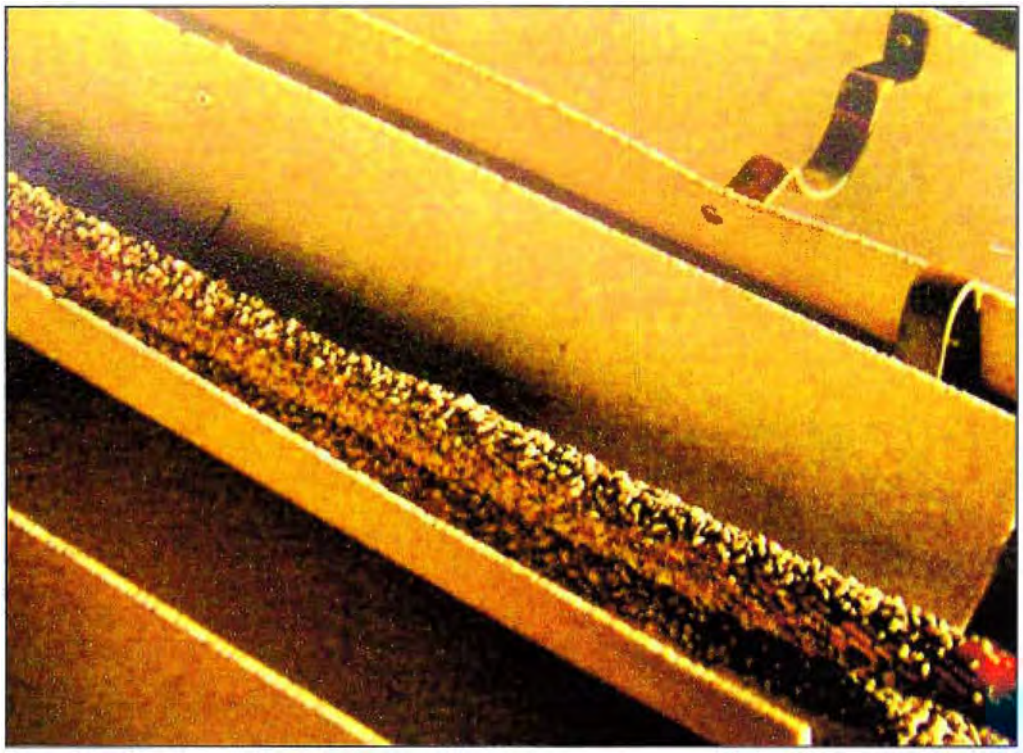

Fig. ANEXO B.6: Proceso de aplicación de partículas contaminantes sobre una bandeja para recoger los elementos sobrantes.

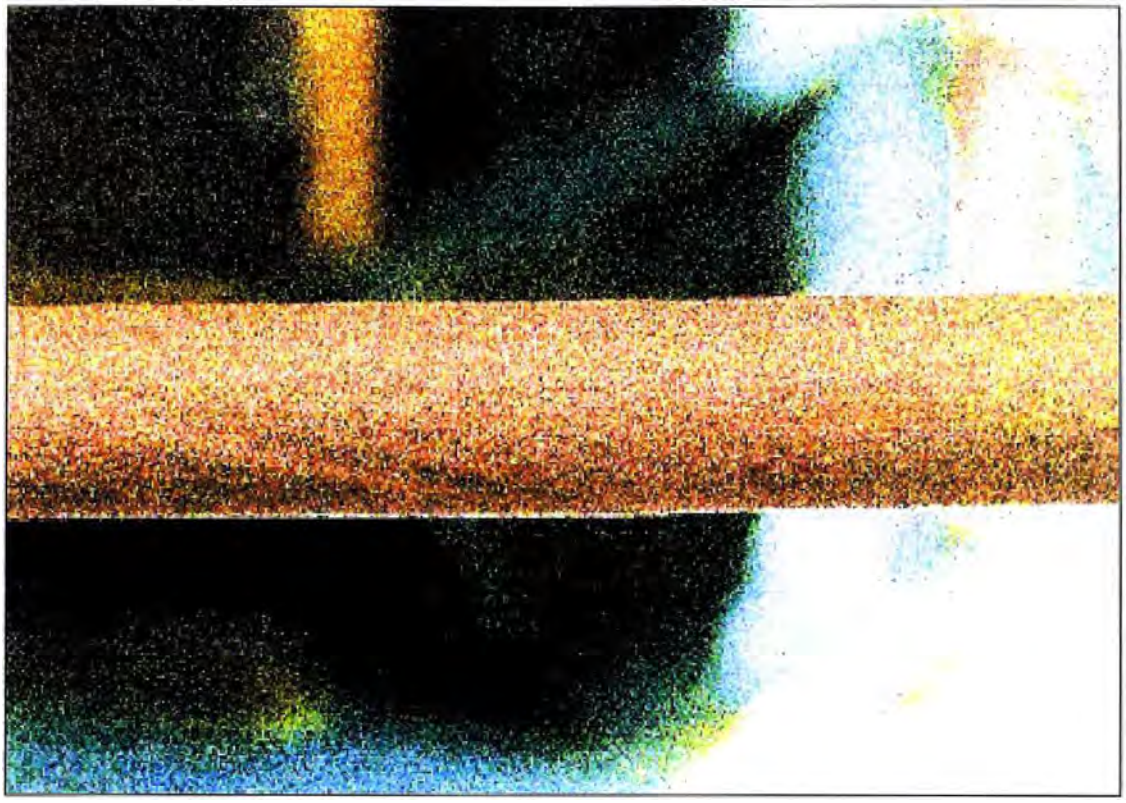

Fig. ANEXO B.7. Conductor contaminado con grasa y arena de 0,35 mm de diámetro para un factor de rugosidad de m=0,6.

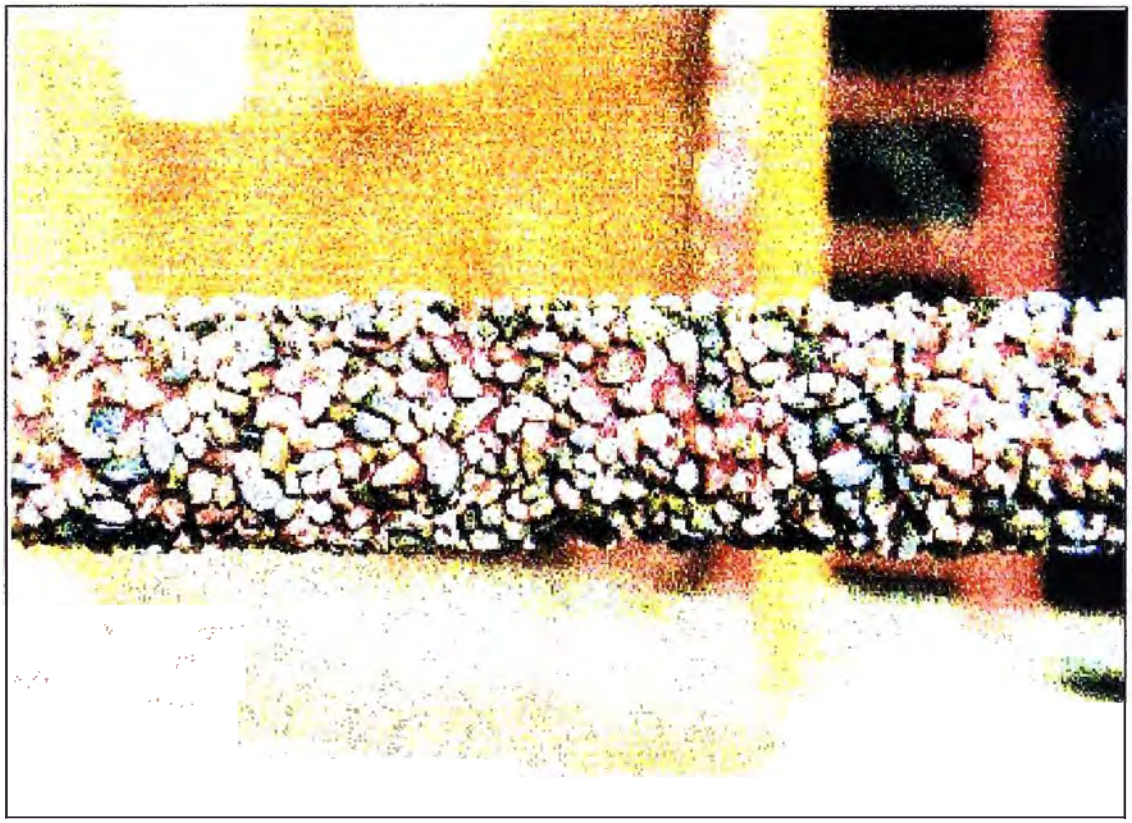

Fig. ANEXO B.8: Conductor contaminado con grasa y grava de 4 mm de diámetro para un factor de rugosidad de m=0,4.

Fig. ANEXO B.9: Conductor contaminado con grasa y tachuela cortada para un factor de rugosidad de m=0,2.

ANEXO C: TABLAS DE VALORES MEDIDOS Y CALCULADOS

TABLA N° ANEXO C.1: Conductor 1, ACSR 2x2.19 cm.

Muestra 1. Configuración doble. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
25.5	29.1	713.2	0.93	135.1	22.14	2.19	0.8356

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
120.5	19.75	4.87E-05	227.48	0.0506	0.00422	0.00301	0.92	713.9	30.1	21.4
120.5	19.75	3.77E-05	227.48	0.0391	0.00326	0.00233	0.92	713.9	30.1	21.4
120.5	19.75	3.77E-05	227.48	0.0391	0.00326	0.00233	0.92	713.9	30.1	21.4
120.5	19.75	3.77E-05	227.48	0.0391	0.00326	0.00233	0.92	713.9	30.1	21.4
120.5	19.75	3.77E-05	227.48	0.0391	0.00326	0.00233	0.92	713.9	29.9	21.3
116	19.01	3.14E-05	227.48	0.0302	0.00252	0.0018	0.92	713.9	29.9	21.3
116	19.01	3.14E-05	227.48	0.0302	0.00252	0.0018	0.92	713.9	29.9	21.3
116	19.01	3.14E-05	227.48	0.0302	0.00252	0.0018	0.92	713.9	29.9	21.3
116	19.01	4.08E-05	227.48	0.0393	0.00328	0.00234	0.92	713.9	29.9	21.3
116	19.01	4.08E-05	227.48	0.0393	0.00328	0.00234	0.92	713.9	30	21.7
111.5	18.27	4.40E-05	227.48	0.0391	0.00326	0.00232	0.92	713.9	30	21.7
111.5	18.27	4.40E-05	227.48	0.0391	0.00326	0.00232	0.92	713.9	30	21.7
111.5	18.27	4.40E-05	227.48	0.0391	0.00326	0.00232	0.92	713.9	30	21.7
111.5	18.27	4.08E-05	227.48	0.0363	0.00303	0.00216	0.92	713.9	30	21.7
111.5	18.27	4.08E-05	227.48	0.0363	0.00303	0.00216	0.92	713.9	29.9	22.6
107.5	17.62	4.08E-05	227.48	0.0338	0.00282	0.00201	0.92	713.9	29.9	22.6
107.5	17.62	4.08E-05	227.48	0.0338	0.00282	0.00201	0.92	713.9	29.9	22.6
107.5	17.62	4.08E-05	227.48	0.0338	0.00282	0.00201	0.92	713.9	29.9	22.6
107.5	17.62	4.08E-05	227.48	0.0338	0.00282	0.00201	0.92	713.9	29.9	22.6
107.5	17.62	4.08E-05	227.48	0.0338	0.00282	0.00201	0.92	713.9	29.9	22.2
103	16.88	3.49E-05	227.48	0.0265	0.00221	0.00157	0.92	713.9	29.9	22.2
103	16.88	3.49E-05	227.48	0.0265	0.00221	0.00157	0.92	713.9	29.9	22.2
103	16.88	3.49E-05	227.48	0.0265	0.00221	0.00157	0.92	713.9	29.9	22.2
103	16.88	3.61E-05	227.48	0.0274	0.00228	0.00163	0.92	713.9	29.9	22.2
103	16.88	3.61E-05	227.48	0.0274	0.00228	0.00163	0.92	713.9	29.9	22.2
99	16.23	3.61E-05	227.48	0.0253	0.00211	0.00151	0.92	713.9	29.9	22
99	16.23	3.39E-05	227.48	0.0238	0.00198	0.00141	0.92	713.9	29.9	22
99	16.23	3.39E-05	227.48	0.0238	0.00198	0.00141	0.92	713.9	29.9	22
99	16.23	3.14E-05	227.48	0.022	0.00183	0.00131	0.92	713.9	29.9	22
99	16.23	3.14E-05	227.48	0.022	0.00183	0.00131	0.92	713.9	29.9	22
94.5	15.49	3.14E-05	227.48	0.0201	0.00168	0.00119	0.92	713.9	29.9	22
94.5	15.49	3.08E-05	227.48	0.0197	0.00164	0.00117	0.92	713.9	29.9	22
94.5	15.49	2.86E-05	227.48	0.0183	0.00153	0.00109	0.92	713.9	29.9	22
94.5	15.49	2.86E-05	227.48	0.0183	0.00153	0.00109	0.92	713.9	29.9	22
94.5	15.49	2.86E-05	227.48	0.0183	0.00153	0.00109	0.92	713.9	29.9	22
90.5	14.83	3.11E-05	227.48	0.0182	0.00152	0.00108	0.92	713.9	29.9	22
90.5	14.83	3.11E-05	227.48	0.0182	0.00152	0.00108	0.92	713.9	29.9	22
90.5	14.83	3.11E-05	227.48	0.0182	0.00152	0.00108	0.92	713.9	29.9	22
90.5	14.83	3.77E-05	227.48	0.0221	0.00184	0.00131	0.92	713.9	29.9	22
90.5	14.83	3.46E-05	227.48	0.0202	0.00168	0.0012	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.71E-05	227.48	0.0196	0.00163	0.00117	0.92	713.9	29.9	22
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	20.9
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	20.9
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	20.9
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	20.9
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	20.9
86	14.1	3.46E-05	227.48	0.0183	0.00153	0.00109	0.92	714	29.9	21.4
86	14.1	3.46E-05	227.48	0.0183	0.00153	0.00109	0.92	714	29.9	21.4
86	14.1	3.46E-05	227.48	0.0183	0.00153	0.00109	0.92	714	29.9	21.4
86	14.1	3.46E-05	227.48	0.0183	0.00153	0.00109	0.92	714	29.9	21.4
86	14.1	3.46E-05	227.48	0.0183	0.00153	0.00109	0.92	714	29.9	21.4
86	14.1	2.73E-05	227.48	0.0145	0.00121	0.00086	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.9	21.4
86	14.1	3.14E-05	227.48	0.0166	0.00138	0.00099	0.92	714	29.7	21.5
81.5	13.36	3.68E-05	227.48	0.0175	0.00146	0.00104	0.92	714	29.7	21.5
81.5	13.36	3.68E-05	227.48	0.0175	0.00146	0.00104	0.92	714	29.7	21.5
81.5	13.36	3.68E-05	227.48	0.0175	0.00146	0.00104	0.92	714	29.7	21.5
81.5	13.36	3.68E-05	227.48	0.0175	0.00146	0.00104	0.92	714	29.7	21.5
81.5	13.36	3.68E-05	227.48	0.0175	0.00146	0.00104	0.93	714	29.6	21.8
77.5	12.7	4.08E-05	227.48	0.0175	0.00146	0.00104	0.93	714	29.6	21.8
77.5	12.7	3.14E-05	227.48	0.0135	0.00113	0.0008	0.93	714	29.6	21.8
77.5	12.7	3.14E-05	227.47	0.0135	0.00113	0.0008	0.93	714	29.6	21.8
77.5	12.7	3.14E-05	227.48	0.0135	0.00113	0.0008	0.93	714	29.6	21.8
77.5	12.7	3.39E-05	227.48	0.0146	0.00122	0.00087	0.93	714	29.6	21.8

TABLA N° ANEXO C.2: Conductor 1, ACSR 2x2.19 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
22.1	32.5	709.2	0.91	98.3	16.11	2.19	0.6171

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{80}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
107.5	17.62	7.15E-02	229.83	59.6849	4.97374	3.5479	0.92	710	31.2	21.7
107.5	17.62	6.83E-02	229.93	57.0868	4.75723	3.39346	0.92	710	31.2	21.7
107.5	17.62	7.15E-02	229.32	59.5539	4.96283	3.54012	0.92	710	31.2	21.7
107.5	17.62	7.40E-02	229.27	61.6334	5.13612	3.66373	0.92	710	31.2	21.7
107.5	17.62	7.71E-02	229.13	64.2114	5.35095	3.81697	0.92	710	31.2	21.7
103	16.88	9.59E-03	228.82	7.322	0.61017	0.43525	0.92	710	31	22.1
103	16.88	1.37E-02	228.8	10.4378	0.86982	0.62046	0.92	710	31	22.1
103	16.88	1.37E-02	229.61	10.4749	0.87291	0.62267	0.92	710	31	22.1
103	16.88	1.37E-02	229.61	10.4749	0.87291	0.62267	0.92	710	31	22.1
103	16.88	1.40E-02	229.61	10.7154	0.89295	0.63697	0.92	710	31	22.1
99	16.23	2.12E-04	229.74	0.1501	0.01251	0.00892	0.92	710	30.8	22.4
99	16.23	2.23E-04	229.74	0.1579	0.01316	0.00939	0.92	710	30.8	22.4
99	16.23	2.17E-04	229.74	0.1534	0.01278	0.00912	0.92	710	30.8	22.4
99	16.23	2.12E-04	229.74	0.1501	0.01251	0.00892	0.92	710	30.8	22.4
99	16.23	2.43E-04	229.74	0.1723	0.01436	0.01024	0.92	710	30.8	22.4
94.5	15.49	1.87E-04	229.74	0.1206	0.01005	0.00717	0.92	710	30.8	22.6
94.5	15.49	1.82E-04	229.74	0.1175	0.00979	0.00699	0.92	710	30.8	22.6
94.5	15.49	1.70E-04	229.74	0.1094	0.00912	0.0065	0.92	710	30.8	22.6
94.5	15.49	1.99E-04	229.74	0.1287	0.01073	0.00765	0.92	710	30.8	22.6
94.5	15.49	2.01E-04	229.74	0.1297	0.01081	0.00771	0.92	710	30.8	22.6
90.5	14.83	1.84E-04	229.73	0.1087	0.00906	0.00646	0.92	710	30.8	22.7
90.5	14.83	1.63E-04	229.73	0.0966	0.00805	0.00574	0.92	710	30.8	22.7
90.5	14.83	1.65E-04	229.74	0.0976	0.00813	0.0058	0.92	710	30.8	22.7
90.5	14.83	2.58E-04	229.73	0.1524	0.01270	0.00906	0.92	710	30.8	22.7
90.5	14.83	2.51E-04	229.73	0.1487	0.01239	0.00884	0.92	710	30.8	22.7
86	14.1	2.51E-04	229.73	0.1342	0.01118	0.00798	0.92	710	30.6	22.7
86	14.1	2.51E-04	229.73	0.1342	0.01118	0.00798	0.92	710	30.6	22.7
86	14.1	2.37E-04	229.73	0.1267	0.01056	0.00753	0.92	710	30.6	22.7
86	14.1	2.21E-04	229.73	0.1183	0.00986	0.00703	0.92	710	30.6	22.7
86	14.1	2.43E-04	229.73	0.1301	0.01084	0.00773	0.92	710	30.6	22.7
86	14.1	2.34E-04	229.73	0.125	0.01042	0.00743	0.92	710	30.6	22.7
86	14.1	2.26E-04	229.73	0.1208	0.01007	0.00718	0.92	710	30.6	22.7
86	14.1	2.07E-04	229.73	0.1108	0.00923	0.00658	0.92	710	30.6	22.7
86	14.1	2.14E-04	229.73	0.1141	0.00951	0.00678	0.92	710	30.5	22.8
86	14.1	2.37E-04	229.73	0.1267	0.01056	0.00753	0.92	710	30.5	22.8
86	14.1	1.81E-04	229.73	0.0965	0.00804	0.00574	0.92	710	30.5	22.8
86	14.1	1.68E-04	229.73	0.0898	0.00748	0.00534	0.92	710	30.5	22.8
86	14.1	1.62E-04	229.74	0.0864	0.00720	0.00514	0.92	710	30.5	22.8
86	14.1	1.70E-04	229.73	0.0906	0.00755	0.00539	0.92	710	30.5	22.8
86	14.1	1.77E-04	229.73	0.0948	0.00790	0.00564	0.92	710	30.5	22.8
86	14.1	1.71E-04	229.73	0.0915	0.00763	0.00544	0.92	710	30.5	22.8
86	14.1	1.71E-04	229.73	0.0915	0.00763	0.00544	0.92	710	30.5	22.8
86	14.1	1.63E-04	229.73	0.0873	0.00728	0.00519	0.92	710	30.5	22.8
86	14.1	1.70E-04	229.73	0.0906	0.00755	0.00539	0.92	710	30.4	22.8
86	14.1	1.82E-04	229.73	0.0973	0.00811	0.00579	0.92	710	30.4	22.8
86	14.1	1.76E-04	229.73	0.094	0.00783	0.00559	0.92	710	30.4	22.8
86	14.1	1.76E-04	229.73	0.094	0.00783	0.00559	0.92	710	30.4	22.8
86	14.1	1.76E-04	229.73	0.094	0.00783	0.00559	0.92	710	30.4	22.8
86	14.1	1.46E-04	229.74	0.078	0.00650	0.00464	0.92	710	30.4	22.8
86	14.1	1.79E-04	229.73	0.0956	0.00797	0.00569	0.92	710	30.4	22.8
86	14.1	1.57E-04	229.73	0.0839	0.00699	0.00499	0.92	710	30.4	22.8
86	14.1	1.85E-04	229.73	0.099	0.00825	0.00589	0.92	710.3	30.4	23
86	14.1	1.85E-04	229.73	0.099	0.00825	0.00589	0.92	710	30.4	23
86	14.1	1.85E-04	229.73	0.099	0.00825	0.00589	0.92	710	30.4	23
86	14.1	1.60E-04	229.73	0.0856	0.00713	0.00509	0.92	710	30.4	23
81.5	13.36	1.54E-04	229.72	0.0738	0.00615	0.00439	0.92	710	30.4	23
81.5	13.36	1.46E-04	229.73	0.0701	0.00584	0.00417	0.92	710	30.4	23
81.5	13.36	1.76E-04	229.72	0.0844	0.00703	0.00502	0.92	710	30.4	23
81.5	13.36	1.43E-04	229.73	0.0686	0.00572	0.00408	0.92	710	30.4	23
81.5	13.36	1.68E-04	229.72	0.0806	0.00672	0.00479	0.92	710	30.4	23.1
77.5	12.7	1.54E-04	229.72	0.0668	0.00557	0.00397	0.92	710	30.4	23.1
77.5	12.7	1.38E-04	229.72	0.06	0.00500	0.00356	0.92	710	30.4	23.1
77.5	12.7	1.49E-04	229.72	0.0647	0.00539	0.00385	0.92	710	30.4	23.1
77.5	12.7	1.49E-04	229.72	0.0647	0.00539	0.00385	0.92	710	30.4	23.1
77.5	12.7	1.54E-04	229.73	0.0668	0.00557	0.00397	0.92	710	30.4	23.1
73	11.96	1.35E-04	229.73	0.052	0.00433	0.00309	0.92	710	30.4	23.1
73	11.96	1.37E-04	229.72	0.0526	0.00438	0.00313	0.92	710	30.4	23.1
73	11.96	1.38E-04	229.73	0.0532	0.00443	0.00316	0.92	710	30.4	23.1
73	11.96	1.45E-04	229.72	0.0556	0.00463	0.00331	0.92	710	30.4	23.1
73	11.96	1.41E-04	229.72	0.0544	0.00453	0.00323	0.92	710	30.2	23.1
69	11.31	1.48E-04	229.72	0.0508	0.00423	0.00302	0.92	710.5	30.2	23.1
69	11.31	1.57E-04	229.72	0.054	0.00450	0.00321	0.92	710	30.2	23.1
69	11.31	1.13E-04	229.72	0.0389	0.00324	0.00231	0.92	710	30.2	23.1
69	11.31	1.41E-04	229.72	0.0486	0.00405	0.00289	0.92	710	30.2	23.1
69	11.31	1.35E-04	229.72	0.0464	0.00387	0.00276	0.92	710	30.1	23.2
64.5	10.57	1.35E-04	229.72	0.0406	0.00338	0.00241	0.92	710	30.1	23.2
64.5	10.57	1.34E-04	229.72	0.0401	0.00334	0.00238	0.92	710	30.1	23.2
64.5	10.57	1.13E-04	229.72	0.034	0.00283	0.00202	0.92	710	30.1	23.2
64.5	10.57	1.23E-04	229.72	0.0368	0.00307	0.00219	0.92	710	30.1	23.2
64.5	10.57	1.32E-04	229.73	0.0396	0.00330	0.00236	0.92	710.3	30.1	23.3

TABLA N° ANEXO C.3: Conductor 1, ACSR 2x2.19 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
26.1	30.5	712.6	0.92	69.9	11.46	2.19	0.4344

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{80}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
107.5	17.62	1.37E-01	242.15	120.8224	10.06853	7.18215	0.92	714	31.3	23.1
107.5	17.62	1.37E-01	242.15	120.8224	10.06853	7.18215	0.92	714	31.3	23.1
107.5	17.62	1.34E-01	242.59	118.271	9.85592	7.03048	0.92	714	31.3	23.1
107.5	17.62	1.34E-01	242.62	118.2879	9.85733	7.03149	0.92	714	31.3	23.1
107.5	17.62	1.39E-01	242.89	122.5751	10.21459	7.28634	0.92	714	31.3	23.1
103	16.88	8.30E-02	240.15	66.4718	5.53932	3.95134	0.92	714.6	30.5	25.1
103	16.88	8.30E-02	240.15	66.472	5.53933	3.95135	0.92	714.6	30.5	25.1
103	16.88	8.30E-02	240.15	66.472	5.53933	3.95135	0.92	714.6	30.5	25.1
103	16.88	8.46E-02	240.09	67.7124	5.64270	4.02509	0.92	714.6	30.5	25.1
103	16.88	8.86E-02	239.92	70.9328	5.91107	4.21652	0.92	714.6	30.5	25.1
99	16.23	5.97E-02	239.37	44.0633	3.67194	2.6193	0.92	714.6	30.5	25.1
99	16.23	5.97E-02	239.37	44.0633	3.67194	2.6193	0.92	714.8	30.4	25.2
99	16.23	5.91E-02	239.26	43.5808	3.63173	2.59061	0.92	714.8	30.4	25.2
99	16.23	6.16E-02	239.31	45.4418	3.78682	2.70124	0.92	714.8	30.4	25.2
99	16.23	6.16E-02	239.31	45.4418	3.78682	2.70124	0.92	714.8	30.4	25.2
94.5	15.49	3.15E-02	238.74	21.0927	1.75773	1.25383	0.92	714.8	30.4	25.9
94.5	15.49	3.43E-02	238.86	22.9995	1.91663	1.36718	0.92	714.8	30.4	25.9
94.5	15.49	3.27E-02	238.88	21.9485	1.82904	1.3047	0.92	714.8	30.4	25.9
94.5	15.49	3.40E-02	238.86	22.7893	1.89911	1.35468	0.92	714.8	30.4	25.9
94.5	15.49	3.40E-02	238.86	22.7893	1.89911	1.35468	0.92	714.8	30.4	25.9
90.5	14.83	1.83E-02	238.78	11.2312	0.93593	0.66762	0.92	714.8	30.2	26
90.5	14.83	1.76E-02	238.88	10.8479	0.90399	0.64484	0.92	714.8	30.2	26
90.5	14.83	1.76E-02	238.88	10.8479	0.90399	0.64484	0.92	714.8	30.2	26
90.5	14.83	1.80E-02	238.88	11.0411	0.92009	0.65632	0.92	714.8	30.2	26
90.5	14.83	1.80E-02	238.83	11.0387	0.91989	0.65618	0.92	714.8	30.2	26
86	14.1	9.48E-03	238.93	5.2689	0.43908	0.3132	0.92	715	30.1	26.1
86	14.1	9.33E-03	238.93	5.1816	0.43180	0.30801	0.92	715	30.1	26.1
86	14.1	9.33E-03	238.93	5.1816	0.43180	0.30801	0.92	715	30.1	26.1
86	14.1	9.16E-03	238.91	5.0888	0.42407	0.3025	0.92	715	30.1	26.1
86	14.1	9.48E-03	238.93	5.2663	0.43886	0.31305	0.92	715	30.1	26.1
86	14.1	9.48E-03	238.93	5.2663	0.43886	0.31305	0.92	715	30.1	26.1
86	14.1	9.47E-03	238.93	5.261	0.43842	0.31274	0.93	715.3	30	26
86	14.1	9.47E-03	238.93	5.261	0.43842	0.31274	0.93	715.3	30	26
86	14.1	9.32E-03	238.92	5.178	0.43150	0.3078	0.93	715.3	30	26
86	14.1	9.40E-03	238.92	5.2207	0.43506	0.31034	0.93	715.3	30	26
86	14.1	9.50E-03	238.91	5.279	0.43992	0.3138	0.93	715.3	30	26
86	14.1	9.03E-03	238.92	5.0157	0.41798	0.29815	0.93	715.3	30	26
86	14.1	9.03E-03	238.92	5.0157	0.41798	0.29815	0.93	715.3	29.9	26.4
86	14.1	9.17E-03	238.91	5.0913	0.42428	0.30265	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.9	5.7866	0.48222	0.34398	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.9	5.7866	0.48222	0.34398	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.9	5.7866	0.48222	0.34398	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.9	5.7866	0.48222	0.34398	0.93	715.3	29.9	26.4
86	14.1	1.03E-02	238.93	5.707	0.47558	0.33925	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.91	5.7763	0.48136	0.34336	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.91	5.7763	0.48136	0.34336	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.92	5.7643	0.48036	0.34265	0.93	715.3	29.9	26.4
86	14.1	1.05E-02	238.92	5.8463	0.48719	0.34753	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.92	5.7642	0.48035	0.34265	0.93	715.3	29.9	26.4
86	14.1	1.04E-02	238.92	5.7642	0.48035	0.34265	0.93	715.3	29.9	26.6
86	14.1	1.05E-02	239.02	5.8419	0.48683	0.34726	0.93	715.3	29.9	26.6
86	14.1	1.07E-02	238.91	5.9434	0.49528	0.3533	0.93	715.3	29.9	26.6
86	14.1	1.09E-02	238.91	6.0486	0.50405	0.35955	0.93	715.3	29.9	26.6
86	14.1	1.09E-02	238.91	6.0486	0.50405	0.35955	0.93	715.3	29.9	26.6
86	14.1	1.09E-02	238.91	6.0486	0.50405	0.35955	0.93	715.3	29.9	26.6
81.5	13.36	5.84E-03	238.9	2.9127	0.24273	0.17314	0.93	715.3	29.7	26.2
81.5	13.36	5.84E-03	238.9	2.9127	0.24273	0.17314	0.93	715.3	29.7	26.2
81.5	13.36	5.84E-03	238.9	2.9127	0.24273	0.17314	0.93	715.3	29.7	26.2
81.5	13.36	6.08E-03	238.9	3.0349	0.25291	0.18041	0.93	715.3	29.7	26.2
81.5	13.36	6.09E-03	238.91	3.0405	0.25338	0.18074	0.93	715.3	29.7	26.2
77.5	12.7	3.27E-03	238.93	1.4754	0.12295	0.0877	0.93	715.3	29.6	26.5
77.5	12.7	3.27E-03	238.93	1.4754	0.12295	0.0877	0.93	715.3	29.6	26.5
77.5	12.7	3.32E-03	238.93	1.4995	0.12496	0.08914	0.93	715.3	29.6	26.5
77.5	12.7	3.32E-03	238.93	1.4995	0.12496	0.08914	0.93	715.3	29.6	26.5
77.5	12.7	3.37E-03	238.92	1.5218	0.12682	0.09046	0.93	715.3	29.6	26.5
73	11.96	1.82E-03	238.92	0.7281	0.06068	0.04328	0.93	715.3	29.5	26.3
73	11.96	1.82E-03	238.95	0.7281	0.06068	0.04328	0.93	715.3	29.5	26.3
73	11.96	1.76E-03	238.95	0.7055	0.05879	0.04194	0.93	715.3	29.5	26.3
73	11.96	1.78E-03	238.94	0.7118	0.05932	0.04231	0.93	715.3	29.5	26.3
73	11.96	1.76E-03	238.94	0.7042	0.05868	0.04186	0.93	715.3	29.5	26.3
69	11.31	1.19E-03	238.94	0.4269	0.03558	0.02538	0.93	715.3	29.5	26.6
69	11.31	1.19E-03	238.95	0.4269	0.03558	0.02538	0.93	715.3	29.5	26.6
69	11.31	1.21E-03	238.95	0.4342	0.03618	0.02581	0.93	715.3	29.5	26.6
69	11.31	1.18E-03	238.95	0.4225	0.03521	0.02511	0.93	715.3	29.5	26.6
69	11.31	1.19E-03	238.95	0.4269	0.03558	0.02538	0.93	715.3	29.5	26.6
64.5	10.57	7.70E-04	238.95	0.2405	0.02004	0.0143	0.93	715.3	29.5	26.7
64.5	10.57	7.60E-04	238.95	0.2376	0.01980	0.01412	0.93	715.3	29.5	26.7
64.5	10.57	7.67E-04	238.95	0.2396	0.01997	0.01424	0.93	715.3	29.5	26.7
64.5	10.57	7.67E-04	238.95	0.2396	0.01997	0.01424	0.93	715.3	29.5	26.7
64.5	10.57	7.63E-04	238.95	0.2386	0.01988	0.01418	0.93	715.3	29.5	26.7

TABLA N° ANEXO C.4: Conductor 1, ACSR 2x2.19 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
23.3	30.6	718.2	0.93	33.8	5.54	2.19	0.2087

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{80}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
107.5	17.62	4.87E-01	301.8	533.4268	44.45223	31.70895	0.92	716.2	31.7	17.1
107.5	17.62	4.87E-01	301.78	534.0812	44.50677	31.74785	0.92	716.2	31.7	17.1
107.5	17.62	4.89E-01	302	536.6369	44.71974	31.89977	0.92	716.2	31.7	17.1
107.5	17.62	4.87E-01	301.8	534.2125	44.51771	31.75566	0.92	716.2	31.7	17.1
107.5	17.62	4.87E-01	301.8	534.2125	44.51771	31.75566	0.92	716.2	31.7	17.1
103	16.88	4.71E-01	296.64	465.887	38.82392	27.69412	0.92	716.2	31.7	16.9
103	16.88	4.72E-01	297.03	467.1117	38.92598	27.76693	0.92	716.2	31.7	16.9
103	16.88	4.73E-01	297.32	469.4404	39.12003	27.90536	0.92	716.2	31.7	16.9
103	16.88	4.73E-01	297.32	469.4404	39.12003	27.90536	0.92	716.2	31.7	16.9
103	16.88	4.76E-01	297.77	472.6496	39.38747	28.09612	0.92	716.2	31.7	16.9
99	16.23	4.56E-01	292.23	410.4229	34.20191	24.39713	0.92	716.2	31.7	16.9
99	16.23	4.56E-01	292.23	410.4229	34.20191	24.39713	0.92	716.5	31.4	16.4
99	16.23	4.55E-01	292.12	409.7046	34.14205	24.35443	0.92	716.5	31.4	16.4
99	16.23	4.56E-01	291.99	410.4988	34.20823	24.40163	0.92	716.5	31.4	16.4
99	16.23	4.56E-01	291.99	410.4988	34.20823	24.40163	0.92	716.5	31.4	16.4
94.5	15.49	4.34E-01	286.39	349.1748	29.09790	20.7563	0.92	716.5	31.4	16.4
94.5	15.49	4.36E-01	286.59	350.4312	29.20260	20.83098	0.92	716.5	31.4	16.4
94.5	15.49	4.36E-01	286.59	350.4312	29.20260	20.83098	0.92	716.5	31.4	16.4
94.5	15.49	4.36E-01	285.2	348.7334	29.06112	20.73006	0.92	716.5	31.4	16.4
94.5	15.49	4.35E-01	286.65	350.1273	29.17728	20.81292	0.92	716.5	31.3	17
90.5	14.83	4.16E-01	281.75	301.4964	25.12470	17.92211	0.92	716.5	31.3	17
90.5	14.83	4.16E-01	281.75	301.4964	25.12470	17.92211	0.92	716.5	31.3	17
90.5	14.83	4.15E-01	281.56	300.833	25.06942	17.88268	0.92	716.5	31.3	17
90.5	14.83	4.16E-01	281.88	301.6283	25.13569	17.92995	0.92	716.5	31.3	17
90.5	14.83	4.16E-01	281.85	302.0585	25.17154	17.95553	0.92	716.5	31.3	17
86	14.1	3.86E-01	274.92	246.9045	20.57538	14.67696	0.92	716.5	31.3	17.3
86	14.1	3.84E-01	274.54	245.3653	20.44711	14.58546	0.92	716.5	31.3	17.3
86	14.1	3.86E-01	274.71	246.7165	20.55971	14.66578	0.92	716.5	31.3	17.3
86	14.1	3.86E-01	274.71	246.7165	20.55971	14.66578	0.92	716.5	31.3	17.3
86	14.1	3.87E-01	274.98	247.3661	20.61384	14.7044	0.92	716.5	31.3	17.3
86	14.1	3.87E-01	274.98	247.3661	20.61384	14.7044	0.92	716.5	31.3	17.3
86	14.1	3.85E-01	274.5	245.733	20.47775	14.60732	0.92	716	31.3	17.7
86	14.1	3.84E-01	274.59	245.4088	20.45073	14.58805	0.92	716	31.3	17.7
86	14.1	3.85E-01	274.92	246.1011	20.50843	14.6292	0.92	716	31.3	17.7
86	14.1	3.85E-01	274.81	246.0057	20.50048	14.62353	0.92	716	31.3	17.7
86	14.1	3.83E-01	274.55	244.5686	20.38072	14.5381	0.92	716	31.3	17.7
86	14.1	3.84E-01	274.78	245.5742	20.46452	14.59788	0.92	716.1	31	17.8
86	14.1	3.86E-01	274.95	246.5332	20.54443	14.65489	0.92	716.1	31	17.8
86	14.1	3.84E-01	274.78	245.1806	20.43172	14.57448	0.92	716.1	31	17.8
86	14.1	3.84E-01	274.78	245.1806	20.43172	14.57448	0.92	716.1	31	17.8
86	14.1	3.85E-01	274.97	246.1454	20.51212	14.63184	0.92	716.1	31	17.8
86	14.1	3.85E-01	274.97	246.1454	20.51212	14.63184	0.92	716.1	31	17.8
86	14.1	3.85E-01	274.97	246.1454	20.51212	14.63184	0.92	716.1	31	17.9
86	14.1	3.87E-01	275.04	247.4175	20.61813	14.70745	0.92	716.1	31	17.9
86	14.1	3.87E-01	275.04	247.4175	20.61813	14.70745	0.92	716.1	31	17.9
86	14.1	3.87E-01	275.04	247.4175	20.61813	14.70745	0.92	716.1	31	17.9
86	14.1	3.84E-01	274.68	245.0835	20.42363	14.56871	0.92	716.1	31	18.1
86	14.1	3.84E-01	274.9	245.3784	20.44820	14.58624	0.92	716.1	31	18.1
86	14.1	3.84E-01	274.9	245.3784	20.44820	14.58624	0.92	716.1	31	18.1
86	14.1	3.83E-01	274.61	244.7276	20.39397	14.54755	0.92	716.1	31	18.1
86	14.1	3.86E-01	274.97	246.6603	20.55503	14.66244	0.92	716.1	30.9	18.2
86	14.1	3.84E-01	274.81	245.6263	20.46886	14.60098	0.92	716.1	30.9	18.2
86	14.1	3.84E-01	274.81	245.6263	20.46886	14.60098	0.92	716.1	30.9	18.2
86	14.1	3.84E-01	274.81	245.623	20.46858	14.60078	0.92	716.1	30.9	18.2
86	14.1	3.84E-01	274.84	245.2544	20.43787	14.57887	0.92	716.1	30.9	18.2
81.5	13.36	3.52E-01	268.4	197.4882	16.45735	11.73947	0.92	716.1	30.8	18.4
81.5	13.36	3.56E-01	268.92	199.6325	16.63604	11.86693	0.92	716.1	30.8	18.4
81.5	13.36	3.55E-01	268.66	199.0874	16.59062	11.83453	0.92	716.1	30.8	18.4
81.5	13.36	3.55E-01	268.66	199.0874	16.59062	11.83453	0.92	716.1	30.8	18.4
81.5	13.36	3.57E-01	269.2	200.9022	16.74185	11.94241	0.92	716.1	30.8	18.4
77.5	12.7	3.24E-01	245.95	150.5082	12.54235	8.94679	0.92	716.1	30.8	18.5
77.5	12.7	3.24E-01	245.95	150.5082	12.54235	8.94679	0.92	716.1	30.8	18.5
77.5	12.7	3.23E-01	262.69	160.4413	13.37011	9.53725	0.92	716.1	30.8	18.5
77.5	12.7	3.23E-01	262.69	160.4413	13.37011	9.53725	0.92	716.1	30.8	18.5
77.5	12.7	3.25E-01	262.86	161.1712	13.43093	9.58064	0.92	716.1	30.8	18.5
73	11.96	2.88E-01	257.31	124.2715	10.35596	7.38718	0.92	716.1	30.8	18.8
73	11.96	2.88E-01	257.31	124.2715	10.35596	7.38718	0.92	716.1	30.8	18.8
73	11.96	2.87E-01	257.15	123.6484	10.30403	7.35014	0.92	716.1	30.8	18.8
73	11.96	2.87E-01	257.15	123.6484	10.30403	7.35014	0.92	716.1	30.8	18.8
73	11.96	2.88E-01	257.17	123.93	10.32750	7.36688	0.92	716.1	30.8	18.8
69	11.31	2.45E-01	251.66	92.2559	7.68799	5.48405	0.92	716.1	30.6	19
69	11.31	2.43E-01	251.65	91.5437	7.62864	5.44171	0.92	716.1	30.6	19
69	11.31	2.44E-01	251.83	92.0807	7.67339	5.47363	0.92	716.1	30.6	19
69	11.31	2.44E-01	251.77	92.0599	7.67166	5.47239	0.92	716.1	30.6	19
69	11.31	2.47E-01	251.97	93.3191	7.77659	5.54725	0.92	716.1	30.6	19
64.5	10.57	2.00E-01	247.08	64.5306	5.37755	3.83595	0.93	716.1	30.4	19.3
64.5	10.57	2.01E-01	247.22	64.9725	5.41438	3.86222	0.93	716.1	30.4	19.3
64.5	10.57	2.01E-01	247.22	64.9725	5.41438	3.86222	0.93	716.1	30.4	19.3
64.5	10.57	2.02E-01	247.4	65.4271	5.45226	3.88924	0.93	716.1	30.4	19.3
64.5	10.57	2.03E-01	247.28	65.8015	5.48346	3.91149	0.93	716.1	30.4	19.3

TABLA N° ANEXO C.5: Conductor 1, ACSR 2x2.19 cm.

Muestra 2. Configuración doble. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
20.7	32.6	709	0.91	132	21.63	2.19	0.8291

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
120.5	19.75	5.59E-05	228.05	0.0582	0.00485	0.00346	0.91	711	32.6	28.6
120.5	19.75	5.31E-05	228.05	0.0553	0.00461	0.00329	0.91	711	32.6	28.6
120.5	19.75	5.97E-05	228.08	0.0621	0.00518	0.00369	0.91	711	32.6	28.6
120.5	19.75	5.97E-05	228.08	0.0621	0.00518	0.00369	0.91	711	32.6	28.2
120.5	19.75	5.97E-05	228.08	0.0621	0.00518	0.00369	0.91	711	32.6	28.2
116	19.01	5.50E-05	228.08	0.053	0.00442	0.00315	0.91	711	32.6	28.2
116	19.01	5.50E-05	228.08	0.053	0.00442	0.00315	0.91	711	32.6	28.2
116	19.01	5.81E-05	228.07	0.0561	0.00468	0.00333	0.91	711	32.6	28.2
116	19.01	5.50E-05	228.08	0.053	0.00442	0.00315	0.91	711	32.6	28.2
116	19.01	5.03E-05	228.08	0.0485	0.00404	0.00288	0.91	711	32.6	29.1
111.5	18.27	4.40E-05	228.08	0.0392	0.00327	0.00233	0.91	711	32.6	29.1
111.5	18.27	4.40E-05	228.08	0.0392	0.00327	0.00233	0.91	711	32.6	29.1
111.5	18.27	2.80E-05	228.08	0.0249	0.00208	0.00148	0.91	711	32.6	29.1
111.5	18.27	2.80E-05	228.08	0.0249	0.00208	0.00148	0.91	711	32.6	29.1
111.5	18.27	2.80E-05	228.08	0.0249	0.00208	0.00148	0.91	711	32.6	28.5
107.5	17.62	2.29E-05	228.08	0.019	0.00158	0.00113	0.91	711	32.6	28.5
107.5	17.62	2.98E-05	228.08	0.0247	0.00206	0.00147	0.91	711	32.6	28.5
107.5	17.62	2.98E-05	228.08	0.0247	0.00206	0.00147	0.91	711	32.6	28.5
107.5	17.62	2.98E-05	228.08	0.0247	0.00206	0.00147	0.91	711	32.6	28.5
107.5	17.62	2.45E-05	228.08	0.0203	0.00169	0.00121	0.91	711	32.6	28.6
103	16.88	2.61E-05	228.07	0.0198	0.00165	0.00118	0.91	711	32.6	28.6
103	16.88	2.61E-05	228.07	0.0198	0.00165	0.00118	0.91	711	32.6	28.6
103	16.88	1.95E-05	228.07	0.0148	0.00123	0.00088	0.91	711	32.6	28.6
103	16.88	1.95E-05	228.07	0.0148	0.00123	0.00088	0.91	711	32.6	28.6
103	16.88	1.95E-05	228.07	0.0148	0.00123	0.00088	0.91	711	32.6	28.5
99	16.23	1.95E-05	228.07	0.0137	0.00114	0.00081	0.91	711	32.6	28.5
99	16.23	3.46E-05	228.07	0.0243	0.00203	0.00144	0.91	711	32.6	28.5
99	16.23	2.76E-05	228.08	0.0194	0.00162	0.00115	0.91	711	32.6	28.5
99	16.23	1.95E-05	228.08	0.0137	0.00114	0.00081	0.91	711	32.6	28.5
99	16.23	1.95E-05	228.08	0.0137	0.00114	0.00081	0.91	711	32.6	28.2
94.5	15.49	1.57E-05	228.07	0.0101	0.00084	0.0006	0.91	710.6	32.6	28.2
94.5	15.49	1.57E-05	228.07	0.0101	0.00084	0.0006	0.91	710.6	32.6	28.2
94.5	15.49	2.04E-05	228.07	0.0131	0.00109	0.00078	0.91	710.6	32.6	28.2
94.5	15.49	2.04E-05	228.07	0.0131	0.00109	0.00078	0.91	710.6	32.6	28.2
94.5	15.49	2.04E-05	228.07	0.0131	0.00109	0.00078	0.91	710.6	32.6	28.2
90.5	14.83	2.04E-05	228.07	0.012	0.00100	0.00071	0.91	710.6	32.6	28.2
90.5	14.83	1.57E-05	228.07	0.0092	0.00077	0.00055	0.91	710.6	32.6	28.2
90.5	14.83	1.57E-05	228.07	0.0092	0.00077	0.00055	0.91	710.6	32.6	28.2
90.5	14.83	1.57E-05	228.07	0.0092	0.00077	0.00055	0.91	710.6	32.6	28.2
90.5	14.83	1.57E-05	228.07	0.0092	0.00077	0.00055	0.91	710.6	32.6	28
86	14.1	1.88E-05	228.07	0.01	0.00083	0.00059	0.91	710.2	32.6	28
86	14.1	1.88E-05	228.07	0.01	0.00083	0.00059	0.91	710.2	32.6	28
86	14.1	1.88E-05	228.07	0.01	0.00083	0.00059	0.91	710.2	32.6	28
86	14.1	1.88E-05	228.07	0.01	0.00083	0.00059	0.91	710.2	32.6	28
86	14.1	1.88E-05	228.07	0.01	0.00083	0.00059	0.91	710.2	32.6	27.8
86	14.1	1.88E-05	228.07	0.01	0.00083	0.00059	0.91	710.2	32.6	27.8
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	27.8
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	27.8
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	27.8
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	27.5
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	27.5
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	27.5
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	27.5
86	14.1	2.04E-05	228.07	0.0108	0.00090	0.00064	0.91	710.2	32.6	27.5
86	14.1	2.04E-05	228.07	0.0108	0.00090	0.00064	0.91	710.2	32.6	27.4
86	14.1	2.17E-05	228.07	0.0115	0.00096	0.00068	0.91	710.9	32.6	27.4
86	14.1	2.17E-05	228.07	0.0115	0.00096	0.00068	0.91	710.9	32.6	27.4
86	14.1	2.17E-05	228.07	0.0115	0.00096	0.00068	0.91	710.9	32.6	27.4
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.9	32.6	27.4
86	14.1	2.04E-05	228.07	0.0108	0.00090	0.00064	0.91	710.9	32.6	27.5
86	14.1	1.26E-05	228.07	0.0067	0.00056	0.0004	0.91	710.9	32.6	27.5
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.9	32.6	27.5
86	14.1	2.20E-05	228.07	0.0117	0.00098	0.00069	0.91	710.9	32.6	27.5
86	14.1	2.20E-05	228.07	0.0117	0.00098	0.00069	0.91	710.9	32.6	27.5
86	14.1	2.20E-05	228.07	0.0117	0.00098	0.00069	0.91	710.9	32.6	27.5
86	14.1	2.67E-05	228.07	0.0142	0.00118	0.00084	0.91	710.2	32.6	26.7
86	14.1	2.67E-05	228.07	0.0142	0.00118	0.00084	0.91	710.2	32.6	26.7
86	14.1	2.67E-05	228.07	0.0142	0.00118	0.00084	0.91	710.2	32.6	26.7
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	26.7
86	14.1	1.57E-05	228.07	0.0083	0.00069	0.0005	0.91	710.2	32.6	26.7
81.5	13.36	1.57E-05	228.07	0.0075	0.00063	0.00044	0.91	710.2	32.6	26.7
81.5	13.36	2.83E-05	228.07	0.0135	0.00113	0.0008	0.91	710.2	32.6	26.7
81.5	13.36	2.54E-05	228.07	0.0121	0.00101	0.00072	0.91	710.2	32.6	26.7
81.5	13.36	1.26E-05	228.07	0.006	0.00050	0.00036	0.91	710.2	32.6	26.7
81.5	13.36	1.26E-05	228.07	0.006	0.00050	0.00036	0.91	710.2	32.7	26.5
77.5	12.7	2.48E-05	228.07	0.0107	0.00089	0.00064	0.91	710.2	32.7	26.5
77.5	12.7	2.45E-05	228.07	0.0106	0.00088	0.00063	0.91	710.2	32.7	26.5
77.5	12.7	1.73E-05	228.07	0.0074	0.00062	0.00044	0.91	710.2	32.7	26.5
77.5	12.7	2.51E-05	228.06	0.0108	0.00090	0.00064	0.91	710.2	32.7	26.5
77.5	12.7	2.45E-05	228.06	0.0106	0.00088	0.00063	0.91	710.2	32.8	26.5

TABLA N° ANEXO C.6: Conductor 1, ACSR 2x2.19 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.6	28.5	712.2	0.93	99.1	16.24	2.19	0.6126

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
107.5	17.62	5.20E-02	229.96	43.4815	3.62346	2.58471	0.91	710.1	31.9	22.1
107.5	17.62	5.52E-02	229.88	46.1153	3.84294	2.74127	0.91	710.1	31.9	22.1
107.5	17.62	5.52E-02	229.88	46.1166	3.84305	2.74135	0.91	710.1	31.9	22.1
107.5	17.62	5.99E-02	229.76	50.0251	4.16876	2.97368	0.91	710.1	31.9	22.1
107.5	17.62	6.31E-02	230.18	52.7337	4.39448	3.1347	0.91	710.1	31.9	22.1
103	16.88	1.72E-02	230.01	13.1921	1.09934	0.78419	0.91	710.2	31.9	22
103	16.88	2.03E-02	229.48	15.5517	1.29598	0.92446	0.91	710.2	31.9	22
103	16.88	2.44E-02	229.44	18.6813	1.55678	1.11049	0.91	710.2	31.9	22
103	16.88	1.78E-02	229.5	13.6367	1.13639	0.81062	0.91	710.2	31.9	22
103	16.88	1.78E-02	229.5	13.6367	1.13639	0.81062	0.91	710.2	31.9	22.3
99	16.23	2.54E-04	229.07	0.1796	0.01497	0.01068	0.91	710.2	31.9	22.3
99	16.23	2.23E-04	229.07	0.1574	0.01312	0.00936	0.91	710.2	31.9	22.3
99	16.23	2.29E-04	229.07	0.1619	0.01349	0.00962	0.91	710.2	31.9	22.3
99	16.23	2.51E-04	229.07	0.1774	0.01478	0.01054	0.91	710.2	31.9	22.3
99	16.23	2.36E-04	229.07	0.1663	0.01386	0.00989	0.91	710.2	32	21.3
94.5	15.49	2.48E-04	229.07	0.1596	0.01330	0.00949	0.91	710.2	32	21.3
94.5	15.49	2.64E-04	229.07	0.1697	0.01414	0.01009	0.91	710.2	32	21.3
94.5	15.49	2.36E-04	229.07	0.1515	0.01263	0.00901	0.91	710.2	32	21.3
94.5	15.49	2.54E-04	229.07	0.1636	0.01363	0.00973	0.91	710.2	32	21.3
94.5	15.49	2.70E-04	229.07	0.1738	0.01448	0.01033	0.91	710.2	32.2	20.2
90.5	14.83	2.42E-04	228.58	0.1424	0.01187	0.00846	0.91	710.2	32.2	20.2
90.5	14.83	2.42E-04	228.58	0.1424	0.01187	0.00846	0.91	710.2	32.2	20.2
90.5	14.83	2.54E-04	228.58	0.1498	0.01248	0.0089	0.91	710.2	32.2	20.2
90.5	14.83	2.58E-04	228.58	0.1516	0.01263	0.00901	0.91	710.2	32.2	20.2
90.5	14.83	2.51E-04	228.58	0.1479	0.01233	0.00879	0.91	710.2	32.1	20.2
86	14.1	1.10E-04	228.08	0.0583	0.00486	0.00347	0.91	710.2	32.1	20.2
86	14.1	1.10E-04	228.08	0.0583	0.00486	0.00347	0.91	710.2	32.1	20.2
86	14.1	1.26E-04	228.25	0.0667	0.00556	0.00396	0.91	710.2	32.1	20.2
86	14.1	1.41E-04	228.25	0.075	0.00625	0.00446	0.91	710.2	32.1	20.2
86	14.1	1.01E-04	227.76	0.0532	0.00443	0.00316	0.91	710.2	32.2	19.6
86	14.1	1.10E-04	225.8	0.0577	0.00481	0.00343	0.91	710.2	32.2	19.6
86	14.1	1.10E-04	225.31	0.0576	0.00480	0.00342	0.91	710.2	32.2	19.6
86	14.1	9.42E-05	225.31	0.0494	0.00412	0.00293	0.91	710.2	32.2	19.6
86	14.1	9.42E-05	225.31	0.0494	0.00412	0.00293	0.91	710.2	32.2	19.6
86	14.1	9.42E-05	225.31	0.0494	0.00412	0.00293	0.91	710.2	32.3	18.9
86	14.1	1.26E-04	225.81	0.066	0.00550	0.00392	0.91	710.2	32.3	18.9
86	14.1	1.26E-04	225.81	0.066	0.00550	0.00392	0.91	710.2	32.3	18.9
86	14.1	9.42E-05	225.81	0.0495	0.00413	0.00294	0.91	710.2	32.3	18.9
86	14.1	9.42E-05	225.81	0.0495	0.00413	0.00294	0.91	710.2	32.3	18.9
86	14.1	8.01E-05	225.81	0.0421	0.00351	0.0025	0.91	710.2	32.3	19.6
86	14.1	1.18E-04	227.27	0.0623	0.00519	0.0037	0.91	710.2	32.3	19.6
86	14.1	1.18E-04	227.27	0.0623	0.00519	0.0037	0.91	710.2	32.3	19.6
86	14.1	9.58E-05	227.76	0.0507	0.00423	0.00302	0.91	710.2	32.3	19.6
86	14.1	8.80E-05	227.27	0.0465	0.00388	0.00276	0.91	710.2	32.3	19.6
86	14.1	8.80E-05	227.27	0.0465	0.00388	0.00276	0.91	710.2	32.3	19
86	14.1	9.42E-05	227.27	0.0498	0.00415	0.00296	0.91	710.2	32.3	19
86	14.1	9.42E-05	227.27	0.0498	0.00415	0.00296	0.91	710.2	32.3	19
86	14.1	1.12E-04	226.78	0.0591	0.00493	0.00352	0.91	710.2	32.3	19
86	14.1	1.07E-04	226.78	0.0563	0.00469	0.00335	0.91	710.2	32.3	19
86	14.1	1.07E-04	227.76	0.0566	0.00472	0.00336	0.91	710.2	32.2	20
86	14.1	1.07E-04	228.26	0.0567	0.00473	0.00337	0.91	710.2	32.2	20
86	14.1	1.07E-04	226.78	0.0563	0.00469	0.00335	0.91	710.2	32.2	20
86	14.1	8.64E-05	226.78	0.0456	0.00380	0.00271	0.91	710.2	32.2	20
86	14.1	8.64E-05	226.78	0.0456	0.00380	0.00271	0.91	710.2	32.2	20
86	14.1	8.64E-05	226.78	0.0456	0.00380	0.00271	0.91	709.2	32.4	19.6
81.5	13.36	6.94E-05	226.16	0.0328	0.00273	0.00195	0.91	709.2	32.4	19.6
81.5	13.36	6.94E-05	226.16	0.0328	0.00273	0.00195	0.91	709.2	32.4	19.6
81.5	13.36	4.27E-05	227.14	0.0203	0.00169	0.0012	0.91	709.2	32.4	19.6
81.5	13.36	4.27E-05	227.14	0.0203	0.00169	0.0012	0.91	709.2	32.4	19.6
81.5	13.36	4.27E-05	227.14	0.0203	0.00169	0.0012	0.91	709.2	32.3	19.5
77.5	12.7	4.24E-05	227.15	0.0182	0.00152	0.00108	0.91	709.2	32.3	19.5
77.5	12.7	4.40E-05	227.09	0.0189	0.00158	0.00112	0.91	709.2	32.3	19.5
77.5	12.7	5.91E-05	227.09	0.0253	0.00211	0.00151	0.91	709.2	32.3	19.5
77.5	12.7	5.91E-05	227.09	0.0253	0.00211	0.00151	0.91	709.2	32.3	19.5
77.5	12.7	5.91E-05	227.09	0.0253	0.00211	0.00151	0.91	709.2	32.4	19.5
73	11.96	5.91E-05	226.61	0.0224	0.00187	0.00133	0.91	709.2	32.4	19.5
73	11.96	5.65E-05	226.61	0.0215	0.00179	0.00128	0.91	709.2	32.4	19.5
73	11.96	5.65E-05	226.61	0.0215	0.00179	0.00128	0.91	709.2	32.4	19.5
73	11.96	5.65E-05	226.61	0.0215	0.00179	0.00128	0.91	709.2	32.4	19.5
73	11.96	5.65E-05	226.61	0.0215	0.00179	0.00128	0.91	709.2	32.4	19.6
69	11.31	5.65E-05	226.61	0.0192	0.00160	0.00114	0.91	709.2	32.4	19.6
69	11.31	5.65E-05	223.23	0.0189	0.00158	0.00112	0.91	709.2	32.4	19.6
69	11.31	2.20E-05	224.19	0.0074	0.00062	0.00044	0.91	709.2	32.4	19.6
69	11.31	4.87E-05	226.12	0.0165	0.00138	0.00098	0.91	709.2	32.4	19.6
69	11.31	4.87E-05	226.12	0.0165	0.00138	0.00098	0.91	709.2	32.4	19.2
64.5	10.57	6.28E-05	226.14	0.0186	0.00155	0.0011	0.91	709.2	32.4	19.2
64.5	10.57	4.34E-05	226.14	0.0128	0.00107	0.00076	0.91	709.2	32.4	19.2
64.5	10.57	4.34E-05	226.14	0.0128	0.00107	0.00076	0.91	709.2	32.4	19.2
64.5	10.57	4.34E-05	226.13	0.0128	0.00107	0.00076	0.91	709.2	32.4	19.2
64.5	10.57	4.34E-05	226.14	0.0128	0.00107	0.00076	0.91	709.2	32.4	19.2

TABLA N° ANEXO C.7: Conductor 1, ACSR 2x2.19 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
31.6	29.7	716.8	0.93	66.4	10.88	2.19	0.4096

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
107.5	17.62	1.20E-01	242.17	105.5975	8.79979	6.27712	0.92	715.5	30.8	27.4
107.5	17.62	1.18E-01	242.27	103.9852	8.66543	6.18128	0.92	715.5	30.8	27.4
107.5	17.62	1.19E-01	242.24	104.5229	8.71024	6.21324	0.92	715.5	30.8	27.4
107.5	17.62	1.16E-01	242.72	102.5146	8.54288	6.09386	0.92	715.5	30.8	27.4
107.5	17.62	1.18E-01	242.6	104.4005	8.70004	6.20597	0.92	715.6	30.8	27.6
103	16.88	7.77E-02	240.8	62.3888	5.19907	3.70863	0.92	715.6	30.8	27.6
103	16.88	7.86E-02	240.76	63.1364	5.26137	3.75307	0.92	715.6	30.8	27.6
103	16.88	7.86E-02	240.76	63.1364	5.26137	3.75307	0.92	715.6	30.8	27.6
103	16.88	7.86E-02	240.76	63.1364	5.26137	3.75307	0.92	715.6	30.8	27.6
103	16.88	7.23E-02	240.99	58.146	4.84550	3.45642	0.92	715.6	30.8	27.9
99	16.23	5.35E-02	240.2	39.5975	3.29979	2.35383	0.92	715.6	30.8	27.9
99	16.23	5.35E-02	240.2	39.5975	3.29979	2.35383	0.92	715.6	30.8	27.9
99	16.23	5.35E-02	240.2	39.5974	3.29978	2.35382	0.92	715.6	30.8	27.9
99	16.23	5.44E-02	240.17	40.2908	3.35757	2.39504	0.92	715.6	30.8	27.9
99	16.23	5.38E-02	240.19	39.8285	3.31904	2.36756	0.92	715.6	30.8	27.4
94.5	15.49	3.06E-02	239.86	20.5998	1.71665	1.22453	0.92	715.6	30.8	27.4
94.5	15.49	3.22E-02	239.84	21.6554	1.80462	1.28728	0.92	715.6	30.8	27.4
94.5	15.49	3.22E-02	239.84	21.6554	1.80462	1.28728	0.92	715.6	30.8	27.4
94.5	15.49	3.22E-02	239.84	21.6554	1.80462	1.28728	0.92	715.6	30.8	27.4
94.5	15.49	3.25E-02	239.83	21.8654	1.82212	1.29977	0.92	715.5	30.5	27.7
90.5	14.83	1.96E-02	239.71	12.0768	1.00640	0.71789	0.92	715.5	30.5	27.7
90.5	14.83	1.96E-02	239.71	12.075	1.00625	0.71778	0.92	715.5	30.5	27.7
90.5	14.83	1.92E-02	239.74	11.8612	0.98843	0.70508	0.92	715.6	30.5	27.7
90.5	14.83	1.98E-02	239.73	12.2487	1.02073	0.72811	0.92	715.6	30.5	27.7
90.5	14.83	1.95E-02	239.72	12.0542	1.00452	0.71655	0.92	715.6	30.5	27.9
86	14.1	1.14E-02	239.77	6.3749	0.53124	0.37895	0.92	715.6	30.5	27.9
86	14.1	1.14E-02	239.77	6.3749	0.53124	0.37895	0.92	715.6	30.5	27.9
86	14.1	1.17E-02	239.83	6.5518	0.54598	0.38947	0.92	715.6	30.5	27.9
86	14.1	1.17E-02	239.83	6.5518	0.54598	0.38947	0.92	715.6	30.5	27.9
86	14.1	1.21E-02	239.83	6.7269	0.56058	0.39988	0.92	715.6	30.4	27.9
86	14.1	1.21E-02	239.83	6.7585	0.56321	0.40175	0.92	715.6	30.4	27.9
86	14.1	1.21E-02	239.83	6.7585	0.56321	0.40175	0.92	715.6	30.4	27.9
86	14.1	1.21E-02	239.83	6.7585	0.56321	0.40175	0.92	715.6	30.4	27.9
86	14.1	1.21E-02	239.83	6.7585	0.56321	0.40175	0.92	715.6	30.4	27.9
86	14.1	1.21E-02	239.83	6.7585	0.56321	0.40175	0.92	715.6	30.4	27.9
86	14.1	1.21E-02	239.83	6.7585	0.56321	0.40175	0.92	715.6	30.4	27.9
86	14.1	1.24E-02	239.82	6.9342	0.57785	0.41219	0.92	715.6	30.4	28.5
86	14.1	1.20E-02	239.82	6.703	0.55858	0.39845	0.92	715.6	30.4	28.5
86	14.1	1.20E-02	239.82	6.703	0.55858	0.39845	0.92	715.6	30.4	28.5
86	14.1	1.20E-02	239.82	6.703	0.55858	0.39845	0.92	715.6	30.4	28.5
86	14.1	1.23E-02	239.82	6.8729	0.57274	0.40855	0.92	715.6	30.4	28.5
86	14.1	1.23E-02	239.82	6.8604	0.57170	0.40781	0.92	715.6	30.4	28.5
86	14.1	1.23E-02	239.82	6.8604	0.57170	0.40781	0.92	715.6	30.4	28.5
86	14.1	1.23E-02	239.82	6.8601	0.57168	0.40779	0.92	715.6	30.4	28.4
86	14.1	1.23E-02	239.82	6.8601	0.57168	0.40779	0.92	715.6	30.4	28.4
86	14.1	1.26E-02	239.81	7.0354	0.58628	0.41821	0.92	715.6	30.4	28.4
86	14.1	1.26E-02	239.81	7.0352	0.58627	0.4182	0.92	715.6	30.4	28.4
86	14.1	1.24E-02	239.81	6.941	0.57842	0.4126	0.92	715.6	30.4	28.4
86	14.1	1.24E-02	239.82	6.9412	0.57843	0.41261	0.92	715.6	30.4	28.4
86	14.1	1.24E-02	239.82	6.9412	0.57843	0.41261	0.92	715.6	30.4	28.4
86	14.1	1.28E-02	239.81	7.1574	0.59645	0.42546	0.92	715.6	30.4	27.9
86	14.1	1.25E-02	239.81	6.9823	0.58186	0.41505	0.92	715.6	30.4	27.9
86	14.1	1.25E-02	239.81	6.9823	0.58186	0.41506	0.92	715.6	30.4	27.9
86	14.1	1.26E-02	240.9	7.0439	0.58699	0.41872	0.92	715.6	30.4	27.9
86	14.1	1.23E-02	240.35	6.8523	0.57103	0.40733	0.92	715.6	30.4	28.8
81.5	13.36	6.96E-03	239.81	3.4875	0.29063	0.20731	0.92	715.6	30.4	28.8
81.5	13.36	6.96E-03	239.81	3.4875	0.29063	0.20731	0.92	715.6	30.4	28.8
81.5	13.36	7.09E-03	239.81	3.5522	0.29602	0.21116	0.92	715.6	30.4	28.8
81.5	13.36	6.77E-03	239.78	3.3882	0.28235	0.2014	0.92	715.6	30.4	28.8
81.5	13.36	6.77E-03	239.78	3.3882	0.28235	0.2014	0.93	715.6	30.2	28.6
77.5	12.7	4.44E-03	239.84	2.0107	0.16756	0.11952	0.93	715.6	30.2	28.6
77.5	12.7	4.18E-03	239.83	1.8914	0.15762	0.11243	0.93	715.6	30.2	28.6
77.5	12.7	4.18E-03	239.83	1.8914	0.15762	0.11243	0.93	715.6	30.2	28.6
77.5	12.7	4.18E-03	239.83	1.8914	0.15762	0.11243	0.93	715.6	30.2	28.6
77.5	12.7	4.18E-03	239.83	1.8914	0.15762	0.11243	0.93	715.6	30.2	29.1
73	11.96	2.29E-03	239.78	0.92	0.07667	0.05469	0.93	715.6	30.2	29.1
73	11.96	2.29E-03	239.78	0.92	0.07667	0.05469	0.93	715.6	30.2	29.1
73	11.96	2.28E-03	239.8	0.9169	0.07641	0.0545	0.93	715.6	30.2	29.1
73	11.96	2.28E-03	239.8	0.9169	0.07641	0.0545	0.93	715.6	30.2	29.1
73	11.96	2.30E-03	239.8	0.9232	0.07693	0.05488	0.93	715.6	30.1	27.9
69	11.31	1.55E-03	239.79	0.5562	0.04635	0.03306	0.93	715.6	30.1	27.9
69	11.31	1.44E-03	239.8	0.517	0.04308	0.03073	0.93	715.6	30.1	27.9
69	11.31	1.44E-03	239.79	0.517	0.04308	0.03073	0.93	715.6	30.1	27.9
69	11.31	1.44E-03	239.79	0.517	0.04308	0.03073	0.93	715.6	30.1	27.9
69	11.31	1.44E-03	239.79	0.517	0.04308	0.03073	0.93	715.6	30.1	28.8
64.5	10.57	1.08E-03	239.83	0.338	0.02817	0.02009	0.93	715.6	30.1	28.8
64.5	10.57	1.07E-03	239.83	0.3363	0.02803	0.01999	0.93	715.6	30.1	28.8
64.5	10.57	1.07E-03	239.83	0.3363	0.02803	0.01999	0.93	715.6	30.1	28.8
64.5	10.57	1.05E-03	239.83	0.3296	0.02747	0.01959	0.93	715.6	30.1	28.8
64.5	10.57	1.05E-03	239.83	0.3296	0.02747	0.01959	0.93	715.6	30.1	29.1

TABLA N° ANEXO C.8: Conductor 1, ACSR 2x2.19 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
33.6	33.4	705.2	0.9	30.9	5.06	2.19	0.1955

Pérdidas por efecto Corona en la Muestra 2

U [kV]	E [kV/cm]	tg δ	Cx_p [pF]	Pe [W]	Per [W/m]	Pe_{60} [W/m]	RAD	p [mmHg]	t [°C]	H %
107.5	17.62	4.94E-01	297.18	533.1707	44.43089	31.69373	0.94	719.5	27.8	19.6
107.5	17.62	4.91E-01	296.71	528.9494	44.07912	31.4428	0.94	719.5	27.8	19.6
107.5	17.62	4.92E-01	296.94	530.6859	44.22383	31.54602	0.94	719.5	27.8	19.6
107.5	17.62	4.93E-01	297.17	532.434	44.36950	31.64994	0.94	719.5	27.8	19.6
107.5	17.62	4.93E-01	297.34	532.0118	44.33432	31.62484	0.94	719.5	27.8	19.6
103	16.88	4.72E-01	291.8	459.6881	38.30734	27.32564	0.94	719.5	28.1	20.3
103	16.88	4.75E-01	291.73	462.0212	38.50177	27.46433	0.94	719.5	28.1	20.3
103	16.88	4.74E-01	292.02	461.2806	38.44005	27.42031	0.94	719.5	28.1	20.3
103	16.88	4.74E-01	291.52	460.5048	38.37540	27.37418	0.94	719.5	28.1	20.3
103	16.88	4.73E-01	291.66	460.1174	38.34312	27.35116	0.94	719.5	28.1	20.3
99	16.23	4.54E-01	286.69	400.9594	33.41328	23.83458	0.94	719.5	28.1	20.3
99	16.23	4.55E-01	286.55	401.3244	33.44370	23.85628	0.94	719.5	28.1	20.3
99	16.23	4.53E-01	286.02	398.9144	33.24287	23.71302	0.94	719.5	28.1	20.3
99	16.23	4.54E-01	286.21	400.3298	33.36082	23.79715	0.94	719.5	28.1	20.3
99	16.23	4.55E-01	286.52	401.4156	33.45130	23.8617	0.94	719.5	28.1	20.3
94.5	15.49	4.34E-01	281.7	343.1712	28.59760	20.39942	0.94	719.5	28.2	20.4
94.5	15.49	4.33E-01	281.83	342.8349	28.56958	20.37943	0.94	719.5	28.2	20.4
94.5	15.49	4.33E-01	281.83	342.8349	28.56958	20.37943	0.94	719.5	28.2	20.4
94.5	15.49	4.30E-01	281.14	339.4715	28.28929	20.1795	0.94	719.5	28.2	20.4
94.5	15.49	4.30E-01	281.14	339.4715	28.28929	20.1795	0.94	719.5	28.2	20.4
90.5	14.83	4.12E-01	276.92	293.6803	24.47336	17.45749	0.94	719.5	28.4	20.6
90.5	14.83	4.11E-01	277.06	293.3238	24.44365	17.4363	0.94	719.5	28.4	20.6
90.5	14.83	4.12E-01	276.94	293.6421	24.47018	17.45522	0.94	719.5	28.4	20.6
90.5	14.83	4.12E-01	276.94	293.6421	24.47018	17.45522	0.94	719.5	28.4	20.6
90.5	14.83	4.13E-01	277.13	294.7454	24.56212	17.52081	0.94	719.5	28.4	20.6
86	14.1	3.82E-01	270.62	240.1864	20.01553	14.27761	0.94	719.2	28.4	21
86	14.1	3.81E-01	270.74	239.8914	19.99095	14.26007	0.94	719.2	28.4	21
86	14.1	3.81E-01	270.34	239.5408	19.96173	14.23923	0.94	719.2	28.4	21
86	14.1	3.82E-01	270.22	239.8354	19.98628	14.25674	0.94	719.2	28.4	21
86	14.1	3.83E-01	270.79	241.1369	20.09474	14.33411	0.94	719.2	28.4	21
86	14.1	3.82E-01	270.62	240.1893	20.01578	14.27778	0.94	719.2	28.5	21
86	14.1	3.83E-01	270.79	241.1339	20.09449	14.33393	0.94	719.2	28.5	21
86	14.1	3.83E-01	270.79	241.1339	20.09449	14.33393	0.94	719.2	28.5	21
86	14.1	3.83E-01	270.79	241.1339	20.09449	14.33393	0.94	719.2	28.5	21
86	14.1	3.83E-01	270.79	241.1339	20.09449	14.33393	0.94	719.2	28.5	21
86	14.1	3.83E-01	270.79	241.1339	20.09449	14.33393	0.94	719.2	28.5	20.6
86	14.1	3.83E-01	270.79	241.1339	20.09449	14.33393	0.94	719.2	28.5	20.6
86	14.1	3.83E-01	270.64	240.9112	20.07593	14.32069	0.94	719.2	28.5	20.6
86	14.1	3.83E-01	270.48	240.7696	20.06413	14.31228	0.94	719.2	28.5	20.6
86	14.1	3.80E-01	270.13	238.8847	19.90706	14.20023	0.94	719.2	28.5	20.6
86	14.1	3.79E-01	269.96	237.9468	19.82890	14.14448	0.94	719.2	28.5	20.8
86	14.1	3.79E-01	269.9	237.8738	19.82282	14.14014	0.94	719.2	28.5	20.8
86	14.1	3.79E-01	269.9	237.8738	19.82282	14.14014	0.94	719.2	28.5	20.8
86	14.1	3.79E-01	269.98	238.0261	19.83551	14.14919	0.94	719.2	28.5	20.8
86	14.1	3.79E-01	269.98	238.0261	19.83551	14.14919	0.94	719.2	28.5	20.8
86	14.1	3.82E-01	270.2	240.2033	20.01694	14.27861	0.94	719.2	28.5	20.7
86	14.1	3.79E-01	269.93	237.9923	19.83269	14.14718	0.94	719.2	28.5	20.7
86	14.1	3.78E-01	269.76	237.0527	19.75439	14.09133	0.94	719.2	28.5	20.7
86	14.1	3.99E-01	266.33	247.1376	20.59480	14.69081	0.94	719.2	28.5	20.7
86	14.1	3.79E-01	269.93	237.9923	19.83269	14.14718	0.94	719.2	28.5	20.7
86	14.1	3.79E-01	269.98	237.8653	19.82211	14.13963	0.94	719.2	28.6	21
86	14.1	3.80E-01	269.85	238.1988	19.84990	14.15946	0.94	719.5	28.6	21
86	14.1	3.82E-01	270.31	239.7864	19.98220	14.25383	0.94	719.5	28.6	21
86	14.1	3.79E-01	269.96	238.0363	19.83636	14.1498	0.94	719.5	28.6	21
86	14.1	3.80E-01	270.14	238.9771	19.91476	14.20572	0.94	719.5	28.6	21
81.5	13.36	3.52E-01	264.6	194.2527	16.18773	11.54713	0.94	719.5	28.6	20.5
81.5	13.36	3.50E-01	264.46	193.3657	16.11381	11.49441	0.94	719.5	28.6	20.5
81.5	13.36	3.50E-01	264.19	192.8219	16.06849	11.46208	0.94	719.5	28.6	20.5
81.5	13.36	3.50E-01	264.21	192.9291	16.07743	11.46845	0.94	719.5	28.6	20.5
81.5	13.36	3.47E-01	263.86	191.3373	15.94478	11.37383	0.94	719.5	28.6	20.5
77.5	12.7	3.15E-01	258.76	154.0153	12.83461	9.15527	0.94	719.5	28.2	20.7
77.5	12.7	3.16E-01	258.94	154.6933	12.89111	9.19557	0.94	719.5	28.2	20.7
77.5	12.7	3.17E-01	258.84	154.9444	12.91203	9.2105	0.94	719.5	28.2	20.7
77.5	12.7	3.16E-01	258.74	154.2687	12.85573	9.17033	0.94	719.5	28.2	20.7
77.5	12.7	3.16E-01	258.74	154.2687	12.85573	9.17033	0.94	719.5	28.2	20.7
73	11.96	2.72E-01	252.91	115.3635	9.61363	6.85765	0.93	719.5	28.8	20.6
73	11.96	2.72E-01	252.92	115.3417	9.61181	6.85636	0.93	719.5	28.8	20.6
73	11.96	2.72E-01	252.92	115.3417	9.61181	6.85636	0.93	719.5	28.8	20.6
73	11.96	2.74E-01	253.04	116.0851	9.67376	6.90055	0.93	719.5	28.8	20.6
73	11.96	2.74E-01	253.04	116.0851	9.67376	6.90055	0.93	719.5	28.8	20.6
69	11.31	2.28E-01	248.02	84.4973	7.04144	5.02285	0.94	719.5	28.7	20.1
69	11.31	2.27E-01	247.83	84.0268	7.00223	4.99488	0.94	719.5	28.7	20.1
69	11.31	2.27E-01	247.83	84.0268	7.00223	4.99488	0.94	719.5	28.7	20.1
69	11.31	2.26E-01	247.83	84.0132	7.00110	4.99407	0.94	719.5	28.7	20.1
69	11.31	2.26E-01	247.83	84.0132	7.00110	4.99407	0.94	719.5	28.7	20.1
64.5	10.57	1.75E-01	243.45	55.7101	4.64251	3.31163	0.93	719.5	28.9	20.5
64.5	10.57	1.72E-01	243.38	54.8325	4.56938	3.25946	0.93	719.5	28.9	20.5
64.5	10.57	1.74E-01	243.56	55.2751	4.60626	3.28577	0.93	719.5	28.9	20.5
64.5	10.57	1.74E-01	243.51	55.4635	4.62196	3.29697	0.93	719.5	28.9	20.5
64.5	10.57	1.72E-01	243.38	54.8325	4.56938	3.25946	0.93	719.5	28.9	20.5

TABLA N° ANEXO C.9: Conductor 1, ACSR 2x2.19 cm.

Muestra 3. Configuración doble. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
24.3	31.5	708.5	0.91	132.4	21.7	2.19	0.8295

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
120.5	19.75	4.28E-05	227.92	0.0446	0.00372	0.00265	0.91	711.3	32	25.1
120.5	19.75	4.26E-05	227.92	0.0444	0.00370	0.00264	0.91	711.3	32	25.1
120.5	19.75	5.02E-05	227.92	0.0522	0.00435	0.0031	0.91	711.3	32	25.1
120.5	19.75	5.02E-05	227.92	0.0522	0.00435	0.0031	0.91	711.3	32	25.1
120.5	19.75	5.02E-05	227.92	0.0522	0.00435	0.0031	0.91	711.3	32	25.1
116	19.01	3.94E-05	227.92	0.038	0.00317	0.00226	0.91	711.3	32	25.3
116	19.01	3.94E-05	227.92	0.038	0.00317	0.00226	0.91	711.3	32	25.3
116	19.01	4.05E-05	227.92	0.039	0.00325	0.00232	0.91	711.3	32	25.3
116	19.01	4.03E-05	227.92	0.0388	0.00323	0.00231	0.91	711.3	32	25.3
116	19.01	3.82E-05	227.93	0.0369	0.00308	0.00219	0.91	711.3	32	25.3
111.5	18.27	4.48E-05	227.93	0.0399	0.00333	0.00237	0.91	711.3	32.1	25.3
111.5	18.27	3.94E-05	227.93	0.0351	0.00293	0.00208	0.91	711.3	32.1	25.3
111.5	18.27	3.94E-05	227.93	0.0351	0.00293	0.00208	0.91	711.3	32.1	25.3
111.5	18.27	4.15E-05	227.93	0.0369	0.00308	0.0022	0.91	711.3	32.1	25.3
111.5	18.27	4.15E-05	227.93	0.0369	0.00308	0.0022	0.91	711.3	32.1	25.3
107.5	17.62	3.68E-05	227.93	0.0304	0.00253	0.00181	0.91	711.3	32.1	25.6
107.5	17.62	4.08E-05	227.93	0.0338	0.00282	0.00201	0.91	711.3	32.1	25.6
107.5	17.62	3.83E-05	227.93	0.0317	0.00264	0.00189	0.91	711.3	32.1	25.6
107.5	17.62	3.83E-05	227.93	0.0317	0.00264	0.00189	0.91	711.3	32.1	25.6
107.5	17.62	4.01E-05	227.93	0.0332	0.00277	0.00197	0.91	711.3	32.1	25.6
103	16.88	3.12E-05	227.93	0.0237	0.00198	0.00141	0.91	711.3	32.1	25.4
103	16.88	3.15E-05	227.93	0.024	0.00200	0.00142	0.91	711.3	32.1	25.4
103	16.88	3.50E-05	227.93	0.0266	0.00222	0.00158	0.91	711.3	32.1	25.4
103	16.88	3.12E-05	227.93	0.0238	0.00198	0.00141	0.91	711.3	32.1	25.4
103	16.88	3.38E-05	227.92	0.0257	0.00214	0.00153	0.91	711.3	32.1	25.4
99	16.23	3.82E-05	227.93	0.0268	0.00223	0.00159	0.91	711.3	32.1	25.5
99	16.23	2.78E-05	227.93	0.0195	0.00163	0.00116	0.91	711.3	32.1	25.5
99	16.23	3.83E-05	227.93	0.0269	0.00224	0.0016	0.91	711.3	32.1	25.5
99	16.23	2.49E-05	227.93	0.0175	0.00146	0.00104	0.91	711.3	32.1	25.5
99	16.23	3.74E-05	227.93	0.0263	0.00219	0.00156	0.91	711.3	32.1	25.5
94.5	15.49	3.88E-05	227.93	0.0248	0.00207	0.00147	0.91	711.3	32.1	26
94.5	15.49	3.69E-05	227.93	0.0236	0.00197	0.0014	0.91	711.3	32.1	26
94.5	15.49	2.52E-05	227.93	0.0161	0.00134	0.00096	0.91	711.3	32.1	26
94.5	15.49	2.80E-05	227.93	0.0179	0.00149	0.00107	0.91	711.3	32.1	26
94.5	15.49	2.73E-05	227.93	0.0175	0.00146	0.00104	0.91	711.3	32.1	26
90.5	14.83	2.73E-05	227.93	0.016	0.00133	0.00095	0.91	711.3	32.2	25.9
90.5	14.83	2.79E-05	227.93	0.0164	0.00137	0.00097	0.91	711.3	32.2	25.9
90.5	14.83	2.79E-05	227.93	0.0164	0.00137	0.00097	0.91	711.3	32.2	25.9
90.5	14.83	2.79E-05	227.93	0.0164	0.00137	0.00097	0.91	711.3	32.2	25.9
90.5	14.83	2.74E-05	227.93	0.0161	0.00134	0.00096	0.91	711.3	32.2	25.9
86	14.1	3.19E-05	227.93	0.0169	0.00141	0.00101	0.91	711.3	32.2	26.2
86	14.1	3.52E-05	227.93	0.0186	0.00155	0.00111	0.91	711.3	32.2	26.2
86	14.1	3.70E-05	227.93	0.0196	0.00163	0.00116	0.91	711.3	32.2	26.2
86	14.1	3.56E-05	227.93	0.0188	0.00157	0.00112	0.91	711.3	32.2	26.2
86	14.1	3.56E-05	227.93	0.0188	0.00157	0.00112	0.91	711.3	32.2	26.2
86	14.1	3.87E-05	227.93	0.0205	0.00171	0.00122	0.91	711.3	32.2	26.2
86	14.1	3.75E-05	227.93	0.0199	0.00166	0.00118	0.91	711.3	32.2	26.2
86	14.1	2.95E-05	227.93	0.0157	0.00131	0.00093	0.91	711.3	32.2	26.2
86	14.1	2.85E-05	227.93	0.0151	0.00126	0.0009	0.91	711.3	32.2	26.2
86	14.1	2.57E-05	227.93	0.0136	0.00113	0.00081	0.91	711.3	32.2	26.2
86	14.1	2.57E-05	227.93	0.0136	0.00113	0.00081	0.91	711.3	32.2	26.2
86	14.1	2.51E-05	227.93	0.0133	0.00111	0.00079	0.91	711.3	32.2	26.2
86	14.1	2.53E-05	227.93	0.0134	0.00112	0.0008	0.91	711.3	32.2	26.2
86	14.1	2.56E-05	227.93	0.0136	0.00113	0.00081	0.91	711.3	32.2	26.2
86	14.1	3.58E-05	227.93	0.019	0.00158	0.00113	0.91	711.3	32.2	26.2
86	14.1	2.48E-05	227.93	0.0132	0.00110	0.00078	0.91	711.3	32.2	26.2
86	14.1	3.14E-05	227.93	0.0166	0.00138	0.00099	0.91	711.3	32.2	26.2
86	14.1	3.11E-05	227.92	0.0165	0.00138	0.00098	0.91	711.3	32.2	26.3
86	14.1	2.80E-05	227.92	0.0149	0.00124	0.00088	0.91	711.3	32.2	26.3
86	14.1	2.80E-05	227.92	0.0149	0.00124	0.00088	0.91	711.3	32.2	26.3
86	14.1	2.65E-05	227.92	0.0141	0.00118	0.00084	0.91	711.3	32.2	26.3
86	14.1	2.08E-05	227.92	0.011	0.00092	0.00066	0.91	711.3	32.2	26.3
86	14.1	2.08E-05	227.93	0.011	0.00092	0.00066	0.91	711.3	32.2	26.3
86	14.1	2.60E-05	227.93	0.0138	0.00115	0.00082	0.91	711.3	32.2	26.3
86	14.1	2.60E-05	227.93	0.0138	0.00115	0.00082	0.91	711.3	32.2	26.3
86	14.1	2.88E-05	227.93	0.0153	0.00128	0.00091	0.91	711.3	32.2	26.3
86	14.1	2.76E-05	227.92	0.0147	0.00123	0.00087	0.91	711.3	32.2	26.3
86	14.1	2.76E-05	227.92	0.0147	0.00123	0.00087	0.91	711.3	32.2	26.3
86	14.1	2.76E-05	227.92	0.0147	0.00123	0.00087	0.91	711.3	32.2	26.3
86	14.1	2.59E-05	227.92	0.0137	0.00114	0.00082	0.91	711.3	32.2	26.3
81.5	13.36	3.37E-05	227.92	0.016	0.00133	0.00095	0.91	711.3	32.3	26.8
81.5	13.36	3.37E-05	227.92	0.016	0.00133	0.00095	0.91	711.3	32.3	26.8
81.5	13.36	3.37E-05	227.92	0.016	0.00133	0.00095	0.91	711.3	32.3	26.8
81.5	13.36	3.37E-05	227.92	0.016	0.00133	0.00095	0.91	711.3	32.3	26.8
81.5	13.36	3.52E-05	227.92	0.0168	0.00140	0.001	0.91	711.3	32.3	26.8
77.5	12.7	3.57E-05	227.92	0.0154	0.00128	0.00091	0.91	711.3	32.3	27.3
77.5	12.7	3.15E-05	227.92	0.0136	0.00113	0.00081	0.91	711.3	32.3	27.3
77.5	12.7	3.45E-05	227.92	0.0148	0.00123	0.00088	0.91	711.3	32.3	27.3
77.5	12.7	2.86E-05	227.92	0.0123	0.00103	0.00073	0.91	711.3	32.3	27.3
77.5	12.7	3.21E-05	227.92	0.0138	0.00115	0.00082	0.91	711.3	32.3	27.3

TABLA N° ANEXO C.10: Conductor 1, ACSR 2x2.19 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
23	29.4	713.6	0.93	99.1	16.24	2.19	0.6132

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
107.5	17.62	6.46E-02	229.68	53.8891	4.49076	3.20338	0.93	715.7	30.1	22.3
107.5	17.62	6.91E-02	229.54	57.6125	4.80104	3.42471	0.93	715.7	30.1	22.3
107.5	17.62	7.16E-02	229.46	59.6614	4.97178	3.54651	0.93	715.7	30.1	22.3
107.5	17.62	7.16E-02	229.47	59.6633	4.97194	3.54662	0.93	715.7	30.1	22.3
107.5	17.62	6.84E-02	229.57	57.008	4.75067	3.38878	0.93	715.7	30.1	22.3
103	16.88	1.52E-02	229.08	11.6414	0.97012	0.69201	0.93	715.7	30.1	22.3
103	16.88	1.52E-02	229.29	11.6521	0.97101	0.69265	0.93	715.7	30.1	22.3
103	16.88	1.40E-02	229.31	10.6753	0.88961	0.63458	0.93	715.7	30.1	22.3
103	16.88	1.40E-02	229.32	10.6755	0.88963	0.63459	0.93	715.7	30.1	22.3
103	16.88	1.48E-02	229.31	11.3252	0.94377	0.67321	0.93	715.7	30.1	22.3
99	16.23	2.31E-04	229.36	0.1634	0.01362	0.00971	0.93	715.7	30.1	22
99	16.23	2.20E-04	229.36	0.1556	0.01297	0.00925	0.93	715.7	30.1	22
99	16.23	2.20E-04	229.36	0.1556	0.01297	0.00925	0.93	715.7	30.1	22
99	16.23	2.20E-04	229.58	0.1558	0.01298	0.00926	0.93	715.7	30.1	22
99	16.23	2.52E-04	229.55	0.178	0.01483	0.01058	0.93	715.7	30.1	22
94.5	15.49	1.89E-04	229.55	0.1217	0.01014	0.00723	0.93	715.7	30.2	22.1
94.5	15.49	1.89E-04	229.55	0.1217	0.01014	0.00723	0.93	715.7	30.2	22.1
94.5	15.49	2.12E-04	229.55	0.1367	0.01139	0.00812	0.93	715.7	30.2	22.1
94.5	15.49	2.12E-04	229.55	0.1367	0.01139	0.00812	0.93	715.7	30.2	22.1
94.5	15.49	1.99E-04	229.55	0.128	0.01067	0.00761	0.93	715.7	30.2	22.1
90.5	14.83	1.86E-04	229.41	0.1097	0.00914	0.00652	0.93	715.7	30.2	22
90.5	14.83	1.86E-04	229.4	0.1097	0.00914	0.00652	0.93	715.7	30.2	22
90.5	14.83	1.86E-04	229.4	0.1097	0.00914	0.00652	0.93	715.7	30.2	22
90.5	14.83	2.37E-04	229.4	0.1397	0.01164	0.00831	0.93	715.7	30.2	22
90.5	14.83	2.37E-04	229.43	0.1397	0.01164	0.00831	0.93	715.7	30.2	22
86	14.1	1.72E-04	228.93	0.0913	0.00761	0.00543	0.93	715.7	30.2	22
86	14.1	1.92E-04	228.93	0.1023	0.00853	0.00608	0.93	715.7	30.2	22
86	14.1	1.92E-04	229.06	0.1024	0.00853	0.00609	0.93	715.7	30.2	22
86	14.1	2.01E-04	229.06	0.1071	0.00893	0.00637	0.93	715.7	30.2	22
86	14.1	1.38E-04	228.99	0.0736	0.00613	0.00437	0.93	715.7	30.2	22
86	14.1	1.38E-04	229.03	0.0736	0.00613	0.00438	0.93	715.7	30.2	21.6
86	14.1	1.38E-04	229.03	0.0736	0.00613	0.00438	0.93	715.7	30.2	21.6
86	14.1	1.48E-04	229.03	0.0788	0.00657	0.00468	0.93	715.7	30.2	21.6
86	14.1	1.48E-04	229.03	0.0788	0.00657	0.00468	0.93	715.7	30.2	21.6
86	14.1	2.09E-04	229.03	0.1111	0.00926	0.0066	0.93	715.7	30.2	21.6
86	14.1	1.61E-04	229.03	0.0857	0.00714	0.00509	0.93	715.7	30.2	21
86	14.1	1.92E-04	229.02	0.1024	0.00853	0.00609	0.93	715.7	30.2	21
86	14.1	1.92E-04	229.05	0.1024	0.00853	0.00609	0.93	715.7	30.2	21
86	14.1	2.29E-04	229.05	0.1218	0.01015	0.00724	0.93	715.7	30.2	21
86	14.1	1.97E-04	229.05	0.1051	0.00876	0.00625	0.93	715.7	30.2	21
86	14.1	1.66E-04	229.01	0.0883	0.00736	0.00525	0.93	715.7	30.2	21.2
86	14.1	1.97E-04	229	0.105	0.00875	0.00624	0.93	715.7	30.2	21.2
86	14.1	1.97E-04	229	0.105	0.00875	0.00624	0.93	715.7	30.2	21.2
86	14.1	1.39E-04	229	0.0739	0.00616	0.00439	0.93	715.7	30.2	21.2
86	14.1	2.02E-04	229.03	0.1074	0.00895	0.00638	0.93	715.7	30.2	21.2
86	14.1	2.10E-04	229.03	0.1118	0.00932	0.00664	0.93	715.7	30.3	20.5
86	14.1	2.10E-04	229.04	0.1118	0.00932	0.00664	0.93	715.7	30.3	20.5
86	14.1	2.10E-04	229.04	0.1118	0.00932	0.00664	0.93	715.7	30.3	20.5
86	14.1	1.37E-04	229.04	0.0729	0.00608	0.00434	0.93	715.7	30.3	20.5
86	14.1	2.03E-04	229.04	0.1079	0.00899	0.00641	0.93	715.7	30.3	20.5
86	14.1	2.03E-04	229.04	0.1079	0.00899	0.00641	0.93	715.7	30.3	21.3
86	14.1	1.90E-04	229.02	0.1014	0.00845	0.00603	0.93	715.7	30.3	21.3
86	14.1	1.39E-04	229.02	0.0741	0.00618	0.00441	0.93	715.7	30.3	21.3
86	14.1	1.71E-04	229.02	0.0908	0.00757	0.0054	0.93	715.7	30.3	21.3
86	14.1	1.45E-04	229.02	0.0775	0.00646	0.0046	0.93	715.7	30.3	21.3
81.5	13.36	1.26E-04	228.98	0.0601	0.00501	0.00357	0.93	715.7	30.3	20.9
81.5	13.36	1.26E-04	228.98	0.0601	0.00501	0.00357	0.93	715.7	30.3	20.9
81.5	13.36	1.20E-04	228.98	0.0575	0.00479	0.00342	0.93	715.7	30.3	20.9
81.5	13.36	1.20E-04	228.98	0.0575	0.00479	0.00342	0.93	715.7	30.3	20.9
81.5	13.36	1.23E-04	228.98	0.0586	0.00488	0.00348	0.93	715.7	30.3	20.9
77.5	12.7	1.34E-04	229.12	0.0582	0.00485	0.00346	0.92	715.7	30.4	20.6
77.5	12.7	1.34E-04	229.09	0.0582	0.00485	0.00346	0.92	715.7	30.4	20.6
77.5	12.7	1.34E-04	229.1	0.0582	0.00485	0.00346	0.92	715.7	30.4	20.6
77.5	12.7	1.34E-04	229.1	0.0582	0.00485	0.00346	0.92	715.7	30.4	20.6
77.5	12.7	1.34E-04	229.1	0.0582	0.00485	0.00346	0.92	715.7	30.4	20.6
73	11.96	1.34E-04	229	0.0516	0.00430	0.00307	0.92	715.7	30.4	20.4
73	11.96	1.34E-04	229	0.0516	0.00430	0.00307	0.92	715.7	30.4	20.4
73	11.96	1.34E-04	228.97	0.0516	0.00430	0.00307	0.92	715.7	30.4	20.4
73	11.96	1.34E-04	228.99	0.0516	0.00430	0.00307	0.92	715.7	30.4	20.4
73	11.96	1.22E-04	228.99	0.0466	0.00388	0.00277	0.92	715.7	30.4	20.4
69	11.31	1.11E-04	229.02	0.038	0.00317	0.00226	0.92	715.7	30.4	20.8
69	11.31	1.11E-04	228.69	0.038	0.00317	0.00226	0.92	715.7	30.4	20.8
69	11.31	1.11E-04	228.65	0.038	0.00317	0.00226	0.92	715.7	30.4	20.8
69	11.31	1.55E-04	228.65	0.053	0.00442	0.00315	0.92	715.7	30.4	20.8
69	11.31	1.50E-04	228.15	0.0514	0.00428	0.00305	0.92	715.7	30.4	20.8
64.5	10.57	1.19E-04	228.65	0.0356	0.00297	0.00212	0.92	715.7	30.5	19.7
64.5	10.57	8.77E-05	228.65	0.0262	0.00218	0.00156	0.92	715.7	30.5	19.7
64.5	10.57	1.25E-04	228.65	0.0374	0.00312	0.00222	0.92	715.7	30.5	19.7
64.5	10.57	9.86E-05	228.65	0.0295	0.00246	0.00175	0.92	715.7	30.5	19.7
64.5	10.57	9.86E-05	228.65	0.0295	0.00246	0.00175	0.92	715.7	30.5	19.7

TABLA N° ANEXO C.11: Conductor 1, ACSR 2x2.19 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
27.3	31	711	0.92	65.15	10.68	2.19	0.4063

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
107.5	17.62	1.28E-01	238.14	110.9157	9.24298	6.59326	0.92	711.3	31.5	22.3
107.5	17.62	1.28E-01	238.14	110.9157	9.24298	6.59326	0.92	711.3	31.5	22.3
107.5	17.62	1.28E-01	238.18	110.3896	9.19913	6.56198	0.92	711.3	31.5	22.3
107.5	17.62	1.31E-01	237.95	113.5426	9.46188	6.74941	0.92	711.3	31.5	22.3
107.5	17.62	1.31E-01	237.95	113.5426	9.46188	6.74941	0.92	711.3	31.4	23.2
103	16.88	9.96E-02	239.68	79.6278	6.63565	4.73339	0.92	711.3	31.4	23.2
103	16.88	9.99E-02	236.39	78.784	6.56533	4.68323	0.92	711.3	31.4	23.2
103	16.88	9.65E-02	236.02	75.9382	6.32818	4.51406	0.92	711.3	31.4	23.2
103	16.88	9.52E-02	236.07	74.9633	6.24694	4.45611	0.92	711.3	31.4	23.2
103	16.88	9.49E-02	236.09	74.7204	6.22670	4.44167	0.92	711.3	31.3	23.3
99	16.23	5.09E-02	236.53	37.1047	3.09206	2.20565	0.92	711.3	31.3	23.3
99	16.23	5.09E-02	236.53	37.1047	3.09206	2.20565	0.92	711.3	31.3	23.3
99	16.23	5.19E-02	235.97	37.7029	3.14191	2.2412	0.92	711.3	31.3	23.3
99	16.23	5.19E-02	236.45	37.7794	3.14828	2.24576	0.92	711.3	31.3	23.3
99	16.23	5.25E-02	235.96	38.1572	3.17977	2.26821	0.92	711.3	31.3	23.1
94.5	15.49	3.40E-02	236.33	22.5261	1.87718	1.33904	0.92	711.3	31.3	23.1
94.5	15.49	3.40E-02	236.33	22.5261	1.87718	1.33904	0.92	711.3	31.3	23.1
94.5	15.49	3.32E-02	236.34	22.0351	1.83626	1.30985	0.92	711.3	31.3	23.1
94.5	15.49	3.36E-02	236.34	22.318	1.85983	1.32667	0.92	711.3	31.3	23.1
94.5	15.49	3.21E-02	236.36	21.2744	1.77287	1.26463	0.92	711.3	31.3	23.2
90.5	14.83	2.23E-02	232.82	13.3805	1.11504	0.79539	0.92	711.3	31.3	23.2
90.5	14.83	2.23E-02	232.82	13.3805	1.11504	0.79539	0.92	711.3	31.3	23.2
90.5	14.83	2.23E-02	232.82	13.3805	1.11504	0.79539	0.92	711.3	31.3	23.2
90.5	14.83	2.23E-02	232.82	13.3805	1.11504	0.79539	0.92	711.3	31.3	23.2
90.5	14.83	2.23E-02	232.82	13.3805	1.11504	0.79539	0.92	711.3	31.3	23.4
86	14.1	1.04E-02	236.05	5.6986	0.47488	0.33875	0.92	711.3	31.3	23.4
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	711.3	31.3	23.4
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	711.3	31.3	23.4
86	14.1	1.10E-02	236.16	6.0461	0.50384	0.3594	0.92	711.3	31.3	23.4
86	14.1	1.04E-02	236.05	5.6986	0.47488	0.33875	0.92	711.3	31.3	23.4
86	14.1	1.04E-02	236.05	5.6986	0.47488	0.33875	0.92	712	31.1	23.5
86	14.1	1.04E-02	236.05	5.6986	0.47488	0.33875	0.92	712	31.1	23.5
86	14.1	1.04E-02	236.05	5.6986	0.47488	0.33875	0.92	712	31.1	23.5
86	14.1	1.04E-02	236.05	5.6986	0.47488	0.33875	0.92	712	31.1	23.5
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	712	31.1	23.5
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	712	31.1	23.5
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	712	31.1	23.5
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	712	31.1	23.5
86	14.1	1.10E-02	237.12	6.0706	0.50588	0.36086	0.92	712	31.5	23.4
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	712	31.5	23.4
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	712	31.5	23.4
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	712	31.5	23.4
86	14.1	1.10E-02	236.05	6.0433	0.50361	0.35924	0.92	712	31.5	23.4
86	14.1	1.04E-02	236.58	5.7252	0.47710	0.34033	0.92	712	31.5	23.4
86	14.1	1.04E-02	236.58	5.7252	0.47710	0.34033	0.92	712	31.5	23.4
86	14.1	1.10E-02	236.58	6.0708	0.50590	0.36087	0.92	712	31.5	23.4
86	14.1	1.10E-02	236.58	6.0708	0.50590	0.36087	0.92	712	31	23.3
86	14.1	1.10E-02	236.05	6.0571	0.50476	0.36006	0.92	712	31	23.3
86	14.1	1.10E-02	236.05	6.0571	0.50476	0.36006	0.92	712	31	23.3
86	14.1	1.10E-02	236.05	6.0571	0.50476	0.36006	0.92	712	31	23.3
86	14.1	1.10E-02	236.05	6.0571	0.50476	0.36006	0.92	712	31	23.3
86	14.1	1.10E-02	236.05	6.0571	0.50476	0.36006	0.92	712	31	23.3
86	14.1	1.10E-02	236.05	6.0571	0.50476	0.36006	0.92	712	31	23.2
86	14.1	1.10E-02	236.05	6.0571	0.50476	0.36006	0.92	712	31	23.2
86	14.1	1.07E-02	236.05	5.8848	0.49040	0.34981	0.92	712	30.8	23.3
81.5	13.36	4.51E-03	236.08	2.2247	0.18539	0.13224	0.92	712	30.8	23.3
81.5	13.36	4.51E-03	236.08	2.2247	0.18539	0.13224	0.92	712	30.8	23.3
81.5	13.36	4.51E-03	236.08	2.2247	0.18539	0.13224	0.92	712	30.8	23.3
81.5	13.36	4.51E-03	236.08	2.2247	0.18539	0.13224	0.92	712	30.8	23.3
81.5	13.36	4.51E-03	236.08	2.2247	0.18539	0.13224	0.92	712	30.9	23.1
77.5	12.7	2.96E-03	236.62	1.3208	0.11007	0.07851	0.92	712	30.9	23.1
77.5	12.7	2.96E-03	236.62	1.3208	0.11007	0.07851	0.92	712	30.9	23.1
77.5	12.7	2.96E-03	236.62	1.3208	0.11007	0.07851	0.92	712	30.9	23.1
77.5	12.7	2.96E-03	236.62	1.3208	0.11007	0.07851	0.92	712	30.9	23.1
77.5	12.7	2.96E-03	236.62	1.3208	0.11007	0.07851	0.92	712	30.9	23.2
73	11.96	1.39E-03	236.09	0.548	0.04567	0.03257	0.92	712	30.9	23.2
73	11.96	1.39E-03	236.09	0.548	0.04567	0.03257	0.92	712	30.9	23.2
73	11.96	1.39E-03	235.56	0.5498	0.04582	0.03268	0.92	712	30.9	23.2
73	11.96	1.39E-03	235.56	0.5492	0.04577	0.03265	0.92	712	30.9	23.2
73	11.96	1.39E-03	235.56	0.5492	0.04577	0.03265	0.92	712	30.8	22.9
69	11.31	9.20E-04	235.03	0.3238	0.02698	0.01925	0.92	712	30.8	22.9
69	11.31	9.20E-04	235.03	0.3238	0.02698	0.01925	0.92	712	30.8	22.9
69	11.31	9.20E-04	235.03	0.3238	0.02698	0.01925	0.92	712	30.8	22.9
69	11.31	9.20E-04	235.03	0.3238	0.02698	0.01925	0.92	712	30.8	22.9
69	11.31	9.20E-04	235.03	0.3238	0.02698	0.01925	0.92	712	30.8	23.2
64.5	10.57	6.06E-04	235.03	0.1864	0.01553	0.01108	0.92	712	30.8	23.2
64.5	10.57	6.06E-04	235.02	0.1864	0.01553	0.01108	0.92	712	30.8	23.2
64.5	10.57	6.06E-04	235.03	0.1864	0.01553	0.01108	0.92	712	30.8	23.2
64.5	10.57	6.06E-04	235.03	0.1864	0.01553	0.01108	0.92	712	30.8	23.2
64.5	10.57	6.06E-04	235.03	0.1864	0.01553	0.01108	0.92	712	30.8	23.2

TABLA Nº ANEXO C.12: Conductor 1, ACSR 2x2.19 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
19.3	30.6	715.8	0.92	30.9	5.06	2.19	0.1913

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
107.5	17.62	4.74E-01	301.26	518.8799	43.23999	30.84423	0.93	717.5	28.6	20.4
107.5	17.62	4.75E-01	300.97	519.7489	43.31241	30.89588	0.93	717.5	28.6	20.4
107.5	17.62	4.74E-01	301.05	518.5047	43.20873	30.82192	0.93	717.5	28.6	20.4
107.5	17.62	4.75E-01	301.24	520.2157	43.35131	30.92364	0.93	717.5	28.6	20.4
107.5	17.62	4.74E-01	301.01	518.4346	43.20288	30.81776	0.93	717.5	28.6	20.4
103	16.88	4.51E-01	294.33	443.1894	36.93245	26.34489	0.93	717.5	28.5	20.7
103	16.88	4.53E-01	294.69	444.9719	37.08099	26.45085	0.93	717.5	28.5	20.7
103	16.88	4.53E-01	294.69	444.9719	37.08099	26.45085	0.93	717.5	28.5	20.7
103	16.88	4.52E-01	294.73	444.4109	37.03424	26.4175	0.93	717.5	28.5	20.7
103	16.88	4.52E-01	294.73	444.4109	37.03424	26.4175	0.93	717.5	28.5	20.7
99	16.23	4.38E-01	290.21	391.3295	32.61079	23.26214	0.93	717.5	28.4	20.8
99	16.23	4.37E-01	290.35	390.9327	32.57773	23.23855	0.93	717.5	28.4	20.8
99	16.23	4.37E-01	290.27	391.0595	32.58829	23.24609	0.93	717.5	28.4	20.8
99	16.23	4.37E-01	290.27	391.0595	32.58829	23.24609	0.93	717.5	28.4	20.8
99	16.23	4.36E-01	290.07	389.6475	32.47063	23.16216	0.93	717.5	28.4	20.8
94.5	15.49	4.19E-01	285.3	335.456	27.95467	19.9408	0.93	717.8	28.4	20.6
94.5	15.49	4.21E-01	285.4	336.9837	28.08198	20.03162	0.93	717.8	28.4	20.6
94.5	15.49	4.19E-01	285.5	336.1039	28.00866	19.97931	0.93	717.8	28.4	20.6
94.5	15.49	4.21E-01	285.25	336.8087	28.06739	20.02121	0.93	717.8	28.4	20.6
94.5	15.49	4.21E-01	285.74	337.4813	28.12344	20.06119	0.93	717.8	28.4	20.6
90.5	14.83	4.01E-01	280.39	289.1763	24.09803	17.18976	0.93	717.8	28.5	20
90.5	14.83	4.02E-01	281.33	291.513	24.29275	17.32866	0.93	717.8	28.5	20
90.5	14.83	4.04E-01	281.09	292.1685	24.34738	17.36763	0.93	717.8	28.5	20
90.5	14.83	4.02E-01	280.89	291.0601	24.25501	17.30174	0.93	717.8	28.5	20
90.5	14.83	4.00E-01	280.47	288.9751	24.08126	17.1778	0.93	717.8	28.5	20
86	14.1	3.78E-01	275	241.3982	20.11652	14.34964	0.93	717.8	28.3	20.2
86	14.1	3.74E-01	274.71	239.1345	19.92788	14.21508	0.93	717.8	28.3	20.2
86	14.1	3.78E-01	274.46	240.9298	20.07748	14.3218	0.93	717.8	28.3	20.2
86	14.1	3.76E-01	274.69	240.3271	20.02726	14.28597	0.93	717.8	28.3	20.2
86	14.1	3.76E-01	274.69	240.3271	20.02726	14.28597	0.93	717.8	28.2	19.9
86	14.1	3.79E-01	274.97	242.402	20.20017	14.40931	0.93	717.8	28.2	19.9
86	14.1	3.78E-01	275.03	241.7857	20.14881	14.37268	0.93	717.8	28.2	19.9
86	14.1	3.61E-01	275.4	243.7168	20.30973	14.48747	0.93	717.8	28.2	19.9
86	14.1	3.81E-01	275.71	244.3568	20.36307	14.52551	0.93	717.8	28.2	19.9
86	14.1	3.81E-01	275.71	244.3568	20.36307	14.52551	0.93	717.8	28.2	19.9
86	14.1	3.81E-01	275.71	244.3568	20.36307	14.52551	0.93	717.8	28.2	19.9
86	14.1	3.83E-01	276.19	245.996	20.49967	14.62296	0.93	717.8	28.2	19.9
86	14.1	3.81E-01	275.82	244.056	20.33800	14.50763	0.93	717.8	28.2	19.9
86	14.1	3.82E-01	276.04	244.9382	20.41152	14.56007	0.93	717.8	28.3	19.9
86	14.1	3.84E-01	276.11	246.2091	20.51743	14.63562	0.93	717.8	28.3	19.9
86	14.1	3.85E-01	276.18	247.48	20.62333	14.71117	0.93	717.8	28.3	19.9
86	14.1	3.79E-01	275.26	242.6362	20.21968	14.42324	0.93	717.8	28.3	19.9
86	14.1	3.79E-01	275.26	242.6362	20.21968	14.42324	0.93	717.8	28.3	19.9
86	14.1	3.79E-01	275.25	242.6483	20.22069	14.42395	0.93	717.8	28.3	19.9
86	14.1	3.79E-01	275.25	242.6483	20.22069	14.42395	0.93	717.8	28.3	19.9
86	14.1	3.83E-01	275.39	245.1847	20.43206	14.57473	0.93	717.8	28.3	19.9
86	14.1	3.80E-01	275.44	243.6176	20.30147	14.48157	0.93	717.8	28.3	19.9
86	14.1	3.82E-01	275.5	244.8851	20.40709	14.55692	0.93	717.8	28.3	19.9
86	14.1	3.83E-01	275.8	245.5538	20.46282	14.59667	0.93	717.8	28.3	19.9
86	14.1	3.82E-01	275.5	244.8911	20.40759	14.55728	0.93	717.8	28.3	19.9
86	14.1	3.81E-01	275.32	243.924	20.32700	14.49979	0.93	717.8	28.3	19.9
86	14.1	3.82E-01	275.62	244.5911	20.38259	14.53944	0.93	717.8	28.1	19.9
86	14.1	3.82E-01	275.2	244.224	20.35200	14.51762	0.93	717.8	28.1	19.9
86	14.1	3.80E-01	275.43	243.6236	20.30197	14.48193	0.93	717.8	28.1	19.6
86	14.1	3.80E-01	275.43	243.6236	20.30197	14.48193	0.93	717.3	28.1	19.5
81.5	13.36	3.56E-01	269.32	200.2026	16.68355	11.90082	0.93	717.3	28.1	19.5
81.5	13.36	3.56E-01	268.93	199.9139	16.65949	11.88365	0.93	717.3	28.1	19.5
81.5	13.36	3.54E-01	269.56	199.3161	16.60968	11.84812	0.93	717.3	28.1	19.5
81.5	13.36	3.53E-01	269.66	199.041	16.58675	11.83177	0.93	717.3	28.1	19.5
81.5	13.36	3.55E-01	269.45	199.5907	16.63256	11.86445	0.93	717.3	28.1	19.8
77.5	12.7	3.21E-01	263.54	159.9465	13.32888	9.50784	0.93	717.3	28.1	19.8
77.5	12.7	3.21E-01	263.17	159.7254	13.31045	9.4947	0.93	717.3	28	19.8
77.5	12.7	3.21E-01	263.17	159.7254	13.31045	9.4947	0.93	717.3	28	19.8
77.5	12.7	3.21E-01	263.9	160.1682	13.34735	9.52101	0.93	717.3	28	19.8
77.5	12.7	3.21E-01	263.54	159.9465	13.32888	9.50784	0.93	717.3	28	19.8
73	11.96	2.94E-01	258.97	127.7195	10.64329	7.59214	0.93	717.3	28	19.8
73	11.96	2.94E-01	259.06	127.4903	10.62419	7.57851	0.93	717.3	28	19.8
73	11.96	2.93E-01	259.24	127.031	10.58592	7.55122	0.93	717.3	28	19.8
73	11.96	2.92E-01	258.98	126.6314	10.55262	7.52746	0.93	717.3	28	20.3
73	11.96	2.93E-01	258.54	126.6917	10.55764	7.53104	0.93	717.3	28	20.3
69	11.31	2.52E-01	253.13	95.3437	7.94531	5.6676	0.93	717.3	28	20.3
69	11.31	2.53E-01	253.3	95.8855	7.99046	5.69981	0.93	717.3	28	20.3
69	11.31	2.52E-01	253.38	95.6758	7.97298	5.68734	0.93	717.3	28	20.3
69	11.31	2.52E-01	253.38	95.6758	7.97298	5.68734	0.93	717.3	28	19.8
69	11.31	2.53E-01	253.3	95.8855	7.99046	5.69981	0.93	717.3	28	19.8
64.5	10.57	2.08E-01	248.17	67.4071	5.61726	4.00694	0.93	717.3	28	19.8
64.5	10.57	2.08E-01	248.17	67.4071	5.61726	4.00694	0.93	717.3	28	19.8
64.5	10.57	2.08E-01	248.17	67.4071	5.61726	4.00694	0.93	717.3	28	19.8
64.5	10.57	2.08E-01	247.87	67.3242	5.61035	4.00201	0.93	717.3	28	19.8
64.5	10.57	2.08E-01	248.17	67.4071	5.61726	4.00694	0.93	717.3	28	19.8

TABLA N° ANEXO C.13: Conductor 2, ACAR 2.59 cm.

Muestra 1. Configuración simple. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
40	13.3	724	0.99	132	22.31	2.59	0.8069

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
129	21.8	5.87E-04	145.91	0.4484	0.03737	0.03168	0.99	722.5	13.5	32.5
129	21.8	5.87E-04	145.91	0.4484	0.03737	0.03167	0.99	722.5	13.5	32.5
129	21.8	6.06E-04	145.91	0.4628	0.03857	0.03269	0.99	722.5	13.5	32.5
129	21.8	6.25E-04	145.91	0.4772	0.03977	0.03371	0.99	722.5	13.5	30.7
129	21.8	6.27E-04	145.91	0.4784	0.03987	0.03379	0.99	722.5	13.5	30.7
124.5	21.04	5.56E-04	145.91	0.3954	0.03295	0.02793	0.99	722.5	13.6	30.7
124.5	21.04	5.43E-04	145.91	0.3864	0.03220	0.02729	0.99	722.5	13.6	30.7
124.5	21.04	6.27E-04	145.91	0.4456	0.03713	0.03148	0.99	722.5	13.6	30.7
124.5	21.04	5.34E-04	145.91	0.3797	0.03164	0.02682	0.99	722.5	13.6	30.7
124.5	21.04	5.34E-04	145.91	0.3797	0.03164	0.02682	0.99	722.5	13.9	30.7
120	20.28	5.29E-04	145.91	0.3497	0.02914	0.0247	0.99	722.5	13.9	30.7
120	20.28	5.81E-04	145.91	0.3839	0.03199	0.02712	0.99	722.5	13.9	30.6
120	20.28	5.62E-04	145.91	0.3714	0.03095	0.02624	0.99	722.5	13.9	30.6
120	20.28	5.43E-04	145.91	0.359	0.02992	0.02536	0.99	722.5	13.9	30.6
120	20.28	5.43E-04	145.91	0.359	0.02992	0.02536	0.99	722.5	13.8	30.6
115	19.43	5.43E-04	145.91	0.3297	0.02748	0.02329	0.99	722.5	13.8	30.4
115	19.43	5.43E-04	145.91	0.3297	0.02748	0.02329	0.99	722.5	13.8	30.4
115	19.43	5.43E-04	145.91	0.3297	0.02748	0.02329	0.99	722.5	13.8	30.4
115	19.43	5.43E-04	145.91	0.3297	0.02748	0.02329	0.99	722.5	13.8	30.4
115	19.43	5.43E-04	145.91	0.3297	0.02748	0.02329	0.99	722.5	13.8	30.4
110.5	18.67	5.50E-04	145.91	0.3079	0.02566	0.02175	0.99	722.5	14.1	30.6
110.5	18.67	5.50E-04	145.91	0.3079	0.02566	0.02175	0.99	722.5	14.1	30.6
110.5	18.67	5.59E-04	145.91	0.3132	0.02610	0.02212	0.99	722.5	14.1	30.6
110.5	18.67	5.56E-04	145.91	0.3114	0.02595	0.022	0.99	722.5	14.1	30.6
110.5	18.67	5.56E-04	145.91	0.3114	0.02595	0.022	0.99	722.5	14.1	30.6
106	17.91	5.45E-04	145.91	0.2809	0.02341	0.01984	0.99	722.5	14	30.5
106	17.91	5.45E-04	145.91	0.2809	0.02341	0.01984	0.99	722.5	14	30.5
106	17.91	5.45E-04	145.91	0.2809	0.02341	0.01984	0.99	722.5	14	30.5
106	17.91	5.45E-04	145.91	0.2809	0.02341	0.01984	0.99	722.5	14	30.5
106	17.91	5.45E-04	145.91	0.2809	0.02341	0.01984	0.99	722.5	14	30.5
101.5	17.15	5.43E-04	145.91	0.2568	0.02140	0.01814	0.99	722.5	14.1	30.4
101.5	17.15	5.43E-04	145.91	0.2568	0.02140	0.01814	0.99	722.5	14.1	30.4
101.5	17.15	5.43E-04	145.91	0.2568	0.02140	0.01814	0.99	722.5	14.1	30.4
101.5	17.15	5.43E-04	145.91	0.2568	0.02140	0.01814	0.99	722.5	14.1	30.4
101.5	17.15	5.53E-04	145.92	0.2613	0.02178	0.01846	0.99	722.5	14.1	30.4
96.5	16.31	5.56E-04	145.92	0.2375	0.01979	0.01678	0.99	722.5	14.1	30.4
96.5	16.31	5.59E-04	145.92	0.2389	0.01991	0.01687	0.99	722.5	14.1	30.4
96.5	16.31	5.59E-04	145.92	0.2389	0.01991	0.01687	0.99	722.5	14.1	30.4
96.5	16.31	5.25E-04	145.91	0.2241	0.01868	0.01583	0.99	722	14.1	30.4
96.5	16.31	5.25E-04	145.91	0.2241	0.01868	0.01583	0.99	722	14.1	30.4
92	15.55	5.56E-04	145.92	0.2159	0.01799	0.01525	0.99	722	14.1	30.9
92	15.55	5.56E-04	145.92	0.2159	0.01799	0.01525	0.99	722	14.1	30.9
92	15.55	5.56E-04	145.92	0.2159	0.01799	0.01525	0.99	722	14.1	30.9
92	15.55	5.25E-04	145.92	0.2037	0.01698	0.01439	0.99	722	14.1	30.9
92	15.55	5.31E-04	145.91	0.2061	0.01718	0.01456	0.99	722	14.1	31
92	15.55	5.62E-04	145.91	0.2183	0.01819	0.01542	0.99	722	14.1	31
92	15.55	5.43E-04	145.92	0.2108	0.01757	0.01489	0.99	722	14.1	31
92	15.55	5.43E-04	145.92	0.2108	0.01757	0.01489	0.99	722	14.1	31.2
92	15.55	5.12E-04	145.92	0.1988	0.01657	0.01404	0.98	720	14.1	31.2
92	15.55	5.43E-04	145.92	0.211	0.01758	0.01491	0.98	720	14.1	31.2
92	15.55	5.53E-04	145.91	0.2147	0.01789	0.01516	0.98	720	14.1	31.2
92	15.55	5.26E-04	145.92	0.2043	0.01703	0.01443	0.98	720	14.1	31.2
92	15.55	5.22E-04	145.92	0.2025	0.01688	0.0143	0.98	720	14.1	31.2
92	15.55	5.37E-04	145.91	0.2086	0.01738	0.01473	0.98	720	14.1	31.6
92	15.55	5.37E-04	145.91	0.2086	0.01738	0.01473	0.98	720	14.1	31.6
92	15.55	5.37E-04	145.91	0.2086	0.01738	0.01473	0.98	720	14.1	31.6
92	15.55	5.31E-04	145.92	0.2061	0.01718	0.01456	0.98	720	14.1	31.6
92	15.55	5.54E-04	145.92	0.2153	0.01794	0.01521	0.98	720	14.1	31.6
92	15.55	5.54E-04	145.92	0.2153	0.01794	0.01521	0.98	720	13.9	31.8
92	15.55	5.69E-04	145.91	0.2208	0.01840	0.01559	0.98	720	13.9	31.8
92	15.55	5.56E-04	145.91	0.2159	0.01799	0.01525	0.98	720	13.9	31.8
92	15.55	5.39E-04	145.91	0.2092	0.01743	0.01478	0.98	720	13.9	31.8
92	15.55	5.47E-04	145.91	0.2122	0.01768	0.01499	0.98	720	13.9	31.8
92	15.55	5.47E-04	145.92	0.2122	0.01768	0.01499	0.98	720	13.9	32.2
92	15.55	5.67E-04	145.92	0.2202	0.01835	0.01555	0.98	720	13.9	32.2
92	15.55	5.59E-04	145.92	0.2171	0.01809	0.01534	0.98	720	13.9	32.2
92	15.55	5.59E-04	145.92	0.2171	0.01809	0.01534	0.98	720	13.9	32.2
92	15.55	5.31E-04	145.91	0.2061	0.01718	0.01456	0.98	720	13.9	32.2
92	15.55	5.40E-04	145.92	0.2098	0.01748	0.01482	0.98	720	13.9	32.2
92	15.55	[illegible]	145.92	[illegible]	0.01743	0.01478	0.98	720	13.9	32.2
87.5	14.79	5.40E-04	145.92	0.1898	0.01582	0.0134	0.98	720	13.8	32.2
87.5	14.79	5.03E-04	145.92	0.1765	0.01471	0.01247	0.98	720	13.8	32.2
87.5	14.79	5.50E-04	145.91	0.1931	0.01609	0.01364	0.98	720	13.8	32.2
87.5	14.79	5.50E-04	145.92	0.1931	0.01609	0.01364	0.98	720	13.8	32.2
87.5	14.79	5.50E-04	145.92	0.1931	0.01609	0.01364	0.98	720	13.8	32.2
83	14.03	5.39E-04	145.92	0.1703	0.01419	0.01203	0.98	720	13.7	32.4
[illegible]	[illegible]	[illegible]	145.92	0.1817	0.01514	0.01263	0.99	722	13.7	32.4
[illegible]	[illegible]	[illegible]	[illegible]	0.1737	0.01448	0.01227	0.99	722	13.7	32.4
[illegible]	[illegible]	[illegible]	[illegible]	0.1737	0.01448	0.01227	0.99	722	13.7	32.4
[illegible]	[illegible]	[illegible]	[illegible]	0.1688	0.01407	0.01192	0.99	722	13.7	32.4

TABLA N° ANEXO C.14: Conductor 2, ACAR 2.59 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.5	18.2	716.3	0.96	91.75	15.5	2.59	0.5749

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	2.95E-01	153.32	187.873	15.65608	13.27027	0.96	714.2	19.5	19.9
115	19.43	2.95E-01	153.56	188.1717	15.68098	13.29137	0.96	714.2	19.5	19.9
115	19.43	2.92E-01	156.3	189.4926	15.79105	13.38467	0.96	714.2	19.5	19.9
115	19.43	3.07E-01	154.46	197.3465	16.44554	13.93942	0.96	714.2	19.5	19.9
115	19.43	3.04E-01	153.99	194.7324	16.22770	13.75478	0.96	714.2	19.5	19.9
110.5	18.67	2.20E-01	151.73	128.1013	10.67511	9.04834	0.96	714.5	20	20
110.5	18.67	2.17E-01	154.26	128.381	10.69842	9.0681	0.96	714.5	20	20
110.5	18.67	2.27E-01	151.24	132.0638	11.00532	9.32823	0.96	714.5	20	20
110.5	18.67	2.09E-01	150.38	120.4339	10.03616	8.50676	0.96	714.5	20	20
110.5	18.67	1.99E-01	151.39	115.7645	9.64704	8.17694	0.95	714.5	20.6	20.6
106	17.91	1.49E-01	148.85	78.3133	6.52611	5.5316	0.95	714.5	20.6	20.6
106	17.91	1.43E-01	148.69	74.9273	6.24394	5.29244	0.95	714.5	20.6	20.6
106	17.91	1.39E-01	148.19	72.8665	6.07221	5.14687	0.95	714.5	20.6	20.6
106	17.91	1.44E-01	151.48	77.0064	6.41720	5.43929	0.95	714.5	20.6	20.6
106	17.91	1.43E-01	148.03	74.7618	6.23015	5.28074	0.95	714.5	20.6	20.6
101.5	17.15	8.11E-02	147.53	38.7437	3.22864	2.73663	0.95	714.5	20.6	20.6
101.5	17.15	8.11E-02	147.53	38.7437	3.22864	2.73663	0.95	714.5	20.6	20.6
101.5	17.15	8.05E-02	147.54	38.4466	3.20388	2.71565	0.95	714.5	20.6	20.6
101.5	17.15	7.39E-02	147.48	35.2799	2.93999	2.49197	0.95	714.5	20.6	20.6
101.5	17.15	7.98E-02	147.35	38.0963	3.17469	2.6909	0.95	714.5	20.6	20.6
96.5	16.31	3.21E-02	147.1	13.8099	1.15083	0.97545	0.95	714.5	20.6	20.9
96.5	16.31	3.52E-02	147.07	15.1582	1.26318	1.07069	0.95	714.5	20.6	20.9
96.5	16.31	3.21E-02	147.1	13.8086	1.15072	0.97536	0.95	714.5	20.6	20.9
96.5	16.31	3.21E-02	147.1	13.8087	1.15073	0.97536	0.95	714.5	20.6	20.9
96.5	16.31	3.52E-02	147.07	15.1583	1.26319	1.0707	0.96	714.5	20	20.9
92	15.55	8.19E-03	147.03	3.2055	0.26713	0.22642	0.96	714.5	20	21
92	15.55	1.10E-02	147.03	4.3114	0.35928	0.30453	0.96	714.5	20	21
92	15.55	1.10E-02	147.03	4.3114	0.35928	0.30453	0.96	714.5	20	21
92	15.55	1.01E-02	147.03	3.9428	0.32857	0.2785	0.96	714.5	20	21
92	15.55	6.94E-03	147.04	2.7139	0.22616	0.19169	0.96	714.5	20	21
92	15.55	6.94E-03	147.04	2.7139	0.22616	0.19169	0.96	714.5	20	21
92	15.55	8.51E-03	147.03	3.329	0.27742	0.23514	0.96	714.5	20	21
92	15.55	9.45E-03	147.03	3.6976	0.30813	0.26118	0.96	714.5	19.9	21
92	15.55	9.45E-03	147.03	3.6976	0.30813	0.26118	0.96	714.5	19.9	21
92	15.55	9.45E-03	147.03	3.6976	0.30813	0.26118	0.96	714.5	19.9	21
92	15.55	1.29E-02	147.02	5.0492	0.42077	0.35665	0.96	714.5	19.9	21
92	15.55	1.26E-02	147.02	4.9264	0.41053	0.34797	0.96	714.5	19.9	21
92	15.55	1.38E-02	147.02	5.4178	0.45148	0.38268	0.96	714.5	19.9	21
92	15.55	1.20E-02	147.02	4.68	0.39000	0.33057	0.96	714.5	19.9	21
92	15.55	8.82E-03	147.03	3.4515	0.28763	0.24379	0.96	714.5	19.9	21
92	15.55	1.13E-02	146.99	4.4337	0.36948	0.31317	0.96	714.5	19.9	21
92	15.55	1.13E-02	146.99	4.4337	0.36948	0.31317	0.96	714.5	19.9	21
92	15.55	1.10E-02	146.99	4.3109	0.35924	0.3045	0.96	714.5	19.9	21
92	15.55	1.13E-02	146.99	4.4335	0.36946	0.31316	0.96	714.5	19.9	21
92	15.55	1.10E-02	146.99	4.31	0.35917	0.30444	0.96	714.5	19.9	21
92	15.55	1.10E-02	146.99	4.31	0.35917	0.30444	0.96	714.5	19.9	21
92	15.55	9.14E-03	146.99	3.5729	0.29774	0.25237	0.96	714.5	19.9	21.4
92	15.55	9.14E-03	146.99	3.5752	0.29793	0.25253	0.96	714.5	19.9	21.4
92	15.55	1.23E-02	146.98	4.8038	0.40032	0.33931	0.96	714.5	19.9	21.4
92	15.55	9.14E-03	146.99	3.5753	0.29794	0.25254	0.96	714.5	19.9	21.4
92	15.55	1.17E-02	146.99	4.5591	0.37993	0.32203	0.96	714.5	19.9	21.4
92	15.55	1.10E-02	146.99	4.3133	0.35944	0.30467	0.96	714.5	19.9	21.4
92	15.55	1.07E-02	146.99	4.1905	0.34921	0.29599	0.96	714.5	19.9	21.4
92	15.55	9.46E-03	146.99	3.7003	0.30836	0.26137	0.96	714.5	20	21.4
92	15.55	1.10E-02	146.99	4.3133	0.35944	0.30467	0.96	714.5	20	21.8
87.5	14.79	1.15E-03	146.93	0.4055	0.03379	0.02864	0.96	714.5	20	21.8
87.5	14.79	1.19E-03	146.93	0.4196	0.03497	0.02964	0.96	714.5	20	21.8
87.5	14.79	1.16E-03	146.93	0.4105	0.03421	0.029	0.96	714.5	20	21.8
87.5	14.79	1.16E-03	146.93	0.4105	0.03421	0.029	0.96	714.5	20	21.8
87.5	14.79	1.13E-03	146.93	0.4005	0.03338	0.02829	0.96	714.5	18.8	21.8
83	14.03	7.65E-04	146.93	0.2434	0.02028	0.01719	0.96	714.5	18.8	22.4
83	14.03	7.71E-04	146.93	0.2454	0.02045	0.01733	0.96	714.5	18.8	22.4
83	14.03	7.71E-04	146.93	0.2454	0.02045	0.01733	0.96	714.5	18.8	22.4
83	14.03	7.71E-04	146.93	0.2454	0.02045	0.01733	0.96	714.5	18.8	22.4
83	14.03	8.03E-04	146.93	0.2554	0.02128	0.01804	0.96	714.5	19.6	22.4
78.5	13.26	7.29E-04	146.93	0.2075	0.01729	0.01465	0.96	714.5	19.6	22.4
78.5	13.26	8.64E-04	146.93	0.2459	0.02049	0.01737	0.96	714.5	19.6	22.4
78.5	13.26	7.15E-04	146.93	0.2034	0.01695	0.01437	0.96	714.5	19.6	22.4
78.5	13.26	7.26E-04	146.93	0.2066	0.01722	0.01459	0.96	714.5	19.6	22.4
78.5	13.26	7.26E-04	146.93	0.2066	0.01722	0.01459	0.96	714.5	19.6	22.7
73.5	12.42	7.23E-04	146.93	0.1803	0.01503	0.01274	0.96	714.5	19.6	22.7
73.5	12.42	6.91E-04	146.93	0.1725	0.01438	0.01218	0.96	714.5	19.6	22.7
73.5	12.42	6.90E-04	146.93	0.1723	0.01436	0.01217	0.96	714.5	19.6	22.7
73.5	12.42	6.56E-04	146.93	0.1636	0.01363	0.01156	0.96	714.5	19.6	22.7
73.5	12.42	6.75E-04	146.93	0.1685	0.01404	0.0119	0.96	714.5	19.7	22.7
69	11.66	6.69E-04	146.93	0.1472	0.01227	0.01039	0.96	714.5	19.7	23.2
69	11.68	6.69E-04	146.93	0.1472	0.01227	0.01039	0.96	714.5	19.7	23.2
69	11.66	6.57E-04	146.93	0.1445	0.01204	0.01021	0.96	714.5	19.7	23.2
69	11.66	6.57E-04	146.93	0.1445	0.01204	0.01021	0.96	714.5	19.7	23.2
69	11.66	6.57E-04	146.93	0.1445	0.01204	0.01021	0.96	714.5	19.7	23.2

TABLA N° ANEXO C.15: Conductor 2, ACAR 2.59 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
33.6	17.4	719	0.97	66.78	11.28	2.59	0.416

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	3.55E-01	169.2	249.7547	20.81289	17.64124	0.97	718	18.4	25.3
115	19.43	3.50E-01	168.81	245.6442	20.47035	17.3509	0.97	718	18.4	25.3
115	19.43	3.53E-01	168.85	247.4659	20.62216	17.47958	0.97	718	18.4	25.3
115	19.43	3.53E-01	168.85	247.4659	20.62216	17.47958	0.97	718	18.4	25.3
115	19.43	3.55E-01	168.88	249.2826	20.77355	17.6079	0.97	718	18.4	25.3
110.5	18.67	3.15E-01	165.65	200.5715	16.71429	14.16723	0.97	718	18.4	25.6
110.5	18.67	3.15E-01	165.65	200.5715	16.71429	14.16723	0.97	718	18.4	25.6
110.5	18.67	3.15E-01	165.65	200.5715	16.71429	14.16723	0.97	718	18.4	25.6
110.5	18.67	3.15E-01	165.65	200.5715	16.71429	14.16723	0.97	718	18.4	25.6
110.5	18.67	3.17E-01	165.76	201.9012	16.82510	14.26114	0.97	718	18.4	25.7
106	17.91	2.61E-01	161.88	148.962	12.41350	10.52182	0.97	718	18.4	25.7
106	17.91	2.64E-01	161.9	150.7743	12.56453	10.64983	0.97	718	18.4	25.7
106	17.91	2.60E-01	161.66	148.404	12.36700	10.48241	0.97	718	18.4	25.8
106	17.91	2.52E-01	161.24	143.358	11.94650	10.12599	0.97	718	18.4	25.8
106	17.91	2.51E-01	160.48	142.5009	11.87508	10.06545	0.97	718	18.4	25.8
101.5	17.15	2.01E-01	158.58	103.2959	8.60799	7.29623	0.97	718	18.4	26
101.5	17.15	2.01E-01	158.58	103.2959	8.60799	7.29623	0.97	718	18.4	26
101.5	17.15	2.01E-01	158.58	103.2959	8.60799	7.29623	0.97	718	18.4	26
101.5	17.15	2.23E-01	159.69	115.2545	9.60454	8.14092	0.97	718	18.4	26.1
101.5	17.15	2.23E-01	159.67	115.402	9.61683	8.15133	0.97	718	18.3	26.1
96.5	16.31	1.60E-01	156.71	73.2554	6.10462	5.17434	0.97	718	18.2	26.1
96.5	16.31	1.61E-01	156.9	73.7673	6.14728	5.2105	0.97	718	18.2	26.1
96.5	16.31	1.59E-01	156.75	72.8465	6.07054	5.14546	0.97	718	18.1	26.1
96.5	16.31	1.59E-01	156.75	72.8465	6.07054	5.14546	0.97	718	18.1	26.2
96.5	16.31	1.54E-01	156.5	70.5671	5.88059	4.98445	0.97	718	18.1	26.3
92	15.55	1.10E-01	155.22	45.4492	3.78743	3.21027	0.97	718	18.1	26.3
92	15.55	1.16E-01	155.47	48.1207	4.01006	3.39897	0.97	718	18.1	26.3
92	15.55	1.16E-01	155.47	48.1207	4.01006	3.39897	0.97	718	18	26.3
92	15.55	1.16E-01	155.48	47.9942	3.99952	3.39004	0.97	718	18	26.5
92	15.55	1.19E-01	155.35	49.3817	4.11514	3.48804	0.97	718	18	26.5
92	15.55	1.18E-01	155.63	48.9501	4.07918	3.45755	0.97	718.2	18	26.5
92	15.55	1.15E-01	155.29	47.4143	3.95119	3.34908	0.97	718.2	18	26.6
92	15.55	1.30E-01	155.89	53.8539	4.48783	3.80393	0.97	718.2	18	26.6
92	15.55	1.30E-01	155.89	53.8539	4.48783	3.80393	0.97	718.2	18	26.6
92	15.55	1.17E-01	155.2	48.4249	4.03541	3.42046	0.97	718.2	18	26.5
92	15.55	1.13E-01	155.11	46.7119	3.89266	3.29946	0.97	718.2	18.1	26.5
92	15.55	1.14E-01	155.3	47.284	3.94033	3.33987	0.97	718.2	18.1	26.6
92	15.55	1.15E-01	155.27	47.6607	3.97173	3.36648	0.97	718.2	17.9	26.6
92	15.55	1.10E-01	155.22	45.4396	3.78663	3.20959	0.97	718.2	17.9	26.8
92	15.55	1.10E-01	155.22	45.4396	3.78663	3.20959	0.97	718.2	17.9	26.8
92	15.55	1.10E-01	155.22	45.4396	3.78663	3.20959	0.97	718.2	17.8	26.8
92	15.55	1.13E-01	155.11	46.7048	3.89207	3.29896	0.97	718.2	17.8	26.9
92	15.55	1.13E-01	155.11	46.7048	3.89207	3.29896	0.97	718.2	17.8	26.9
92	15.55	1.07E-01	155.08	44.2326	3.68605	3.12434	0.97	718.2	17.8	26.9
92	15.55	1.08E-01	155.05	44.6125	3.71771	3.15117	0.97	718.2	17.8	26.8
92	15.55	1.07E-01	155.09	44.1059	3.67549	3.11539	0.97	718.2	17.9	26.8
92	15.55	1.04E-01	155.18	42.9644	3.58037	3.03476	0.97	718.2	17.9	27
92	15.55	1.14E-01	155.32	47.0278	3.91898	3.32177	0.97	718.2	18.1	27.2
92	15.55	1.14E-01	155.32	47.0278	3.91898	3.32177	0.97	718.2	18.1	27.2
92	15.55	1.11E-01	155.2	45.6922	3.80768	3.22743	0.97	718.2	18.1	27.2
92	15.55	1.14E-01	155.53	47.3511	3.94593	3.34461	0.97	718.2	18.2	27.2
92	15.55	1.16E-01	155.46	48.1105	4.00921	3.39825	0.97	718.2	18.3	27.3
92	15.55	1.21E-01	155.54	49.9535	4.16279	3.52843	0.97	718.5	18.3	27.3
92	15.55	1.24E-01	155.67	51.1658	4.26382	3.61406	0.97	718.5	18.3	27.3
92	15.55	1.24E-01	155.63	51.5443	4.29536	3.64079	0.97	718.5	18.3	27.6
87.5	14.79	6.60E-02	154.33	24.5306	2.04422	1.7327	0.97	718.5	18.3	27.9
87.5	14.79	6.32E-02	154.57	23.5162	1.95968	1.66105	0.97	718.5	18.3	27.9
87.5	14.79	6.29E-02	154.33	23.3644	1.94703	1.65032	0.97	718.5	18.3	27.9
87.5	14.79	6.92E-02	154.43	25.7147	2.14289	1.81634	0.97	718.5	18.3	27.9
87.5	14.79	6.82E-02	154.45	25.3677	2.11398	1.79183	0.97	718.5	18.3	27.8
83	14.03	4.09E-02	154.23	13.6592	1.13827	0.9648	0.97	718.5	18.3	29.8
83	14.03	4.09E-02	154.23	13.6592	1.13827	0.9648	0.97	718.5	18.3	30.5
83	14.03	4.10E-02	154.23	13.6832	1.14027	0.9665	0.97	718.5	18.4	30
83	14.03	4.13E-02	154.22	13.7878	1.14898	0.97389	0.97	718.5	18.4	29.5
83	14.03	4.13E-02	154.22	13.7878	1.14898	0.97389	0.97	718.5	18.4	28.9
78.5	13.26	2.21E-02	154.19	6.5976	0.54980	0.46602	0.97	718.5	18.4	28.8
78.5	13.26	2.21E-02	154.19	6.5976	0.54980	0.46602	0.97	718.5	18.4	28.8
78.5	13.26	2.21E-02	154.19	6.5976	0.54980	0.46602	0.97	718.5	18.3	28.7
78.5	13.26	2.30E-02	154.18	6.8761	0.57301	0.48569	0.97	718.5	18.3	28.7
78.5	13.26	2.21E-02	154.19	6.593	0.54942	0.46569	0.97	718.5	18.1	29.6
73.5	12.42	1.17E-02	154.15	3.0644	0.25537	0.21645	0.97	718.5	18.3	29.6
73.5	12.42	1.23E-02	154.15	3.2288	0.26907	0.22807	0.97	718.5	18.3	29.6
73.5	12.42	1.23E-02	154.15	3.2288	0.26907	0.22807	0.97	718.5	18.3	29.6
73.5	12.42	1.20E-02	154.15	3.1466	0.26222	0.22226	0.97	718.5	18.3	29.4
73.5	12.42	1.20E-02	154.15	3.1466	0.26222	0.22226	0.97	718.5	18.2	29.3
69	11.66	7.56E-03	154.2	1.746	0.14550	0.12332	0.97	718.5	18.1	29.3
69	11.66	7.56E-03	154.2	1.746	0.14550	0.12332	0.97	718.5	18	29.6
69	11.66	7.56E-03	154.2	1.746	0.14550	0.12332	0.97	718.5	18	30
69	11.66	7.51E-03	154.2	1.7329	0.14441	0.1224	0.97	718.5	18	30
69	11.66	7.82E-03	154.2	1.8054	0.15045	0.12752	0.97	718.5	18	30

TABLA N° ANEXO C.16: Conductor 2, ACAR 2.59 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.4	14.5	716.2	0.98	29.57	5	2.59	0.1832

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	6.22E-01	239.35	619.1977	51.59981	43.73658	0.96	713	18.5	20.4
115	19.43	6.21E-01	239.51	618.8151	51.56793	43.70956	0.96	713	18.5	20.4
115	19.43	6.21E-01	238.89	616.589	51.38242	43.55232	0.96	713	18.5	20.4
115	19.43	6.21E-01	239.27	617.5614	51.46345	43.621	0.96	713	18.5	20.4
115	19.43	6.20E-01	239.34	617.4072	51.45060	43.61011	0.96	713	18.5	20.4
110.5	18.67	6.08E-01	235.99	551.2009	45.93341	38.93367	0.96	713	18.8	20.4
110.5	18.67	6.09E-01	236.59	553.1635	46.09696	39.0723	0.96	713	18.8	20.4
110.5	18.67	6.10E-01	236.4	553.3198	46.10998	39.08334	0.96	713	18.8	20.4
110.5	18.67	6.09E-01	236.24	552.0502	46.00418	38.99367	0.96	713	18.8	20.4
110.5	18.67	6.09E-01	236.18	552.1178	46.00982	38.99844	0.96	713	18.8	20.4
106	17.91	5.93E-01	229.7	480.8657	40.07214	33.9656	0.96	713	18.8	20.4
106	17.91	5.93E-01	229.95	481.7718	40.14765	34.0296	0.96	713	18.8	20.4
106	17.91	5.91E-01	229.31	479.0121	39.91768	33.83467	0.96	713	18.8	20.4
106	17.91	5.91E-01	228.78	477.327	39.77725	33.71564	0.96	713	18.8	20.4
106	17.91	5.92E-01	228.93	478.3321	39.86101	33.78664	0.96	713	18.8	20.4
101.5	17.15	5.85E-01	226.76	429.7357	35.81131	30.35407	0.96	713	18.8	20.4
101.5	17.15	5.85E-01	226.75	429.709	35.80908	30.35218	0.96	713	18.8	20.4
101.5	17.15	5.85E-01	227.71	431.6331	35.96943	30.48809	0.96	713	18.8	20.4
101.5	17.15	5.86E-01	227.63	431.7692	35.98077	30.4977	0.96	713	18.8	20.4
101.5	17.15	5.86E-01	227.63	431.7692	35.98077	30.4977	0.96	713	18.8	20.4
96.5	16.31	5.67E-01	222.89	369.9191	30.82659	26.12897	0.96	713	18.7	20.4
96.5	16.31	5.67E-01	222.02	368.3146	30.69288	26.01564	0.96	713	18.7	20.4
96.5	16.31	5.67E-01	221.4	367.2891	30.60743	25.9432	0.96	713	18.7	20.4
96.5	16.31	5.67E-01	221.39	367.2778	30.60648	25.9424	0.96	713	18.7	20.4
96.5	16.31	5.66E-01	221.71	367.6585	30.63821	25.96929	0.96	713	18.7	20.4
92	15.55	5.58E-01	218.51	324.6267	27.05223	22.92977	0.96	713	18.8	20.8
92	15.55	5.59E-01	219.03	325.6502	27.13752	23.00207	0.96	713	18.8	20.8
92	15.55	5.59E-01	218.93	325.8034	27.15028	23.01289	0.96	713	18.8	20.5
92	15.55	5.59E-01	218.93	325.8065	27.15054	23.01311	0.96	713	18.8	20.5
92	15.55	5.59E-01	218.73	325.2574	27.10478	22.97432	0.96	713	18.8	20.5
92	15.55	5.58E-01	218.36	324.3604	27.03003	22.91096	0.96	713	18.8	20.5
92	15.55	5.58E-01	218.37	324.3682	27.03068	22.91151	0.96	713	18.8	20.5
92	15.55	5.58E-01	218.37	324.3682	27.03068	22.91151	0.96	713	18.8	20.5
92	15.55	5.58E-01	218.37	324.0042	27.00035	22.8858	0.96	713	18.8	20.7
92	15.55	5.57E-01	218.48	323.8941	26.99118	22.87802	0.96	713	18.9	20.7
92	15.55	5.58E-01	218.44	324.2073	27.01728	22.90014	0.96	713	18.9	20.7
92	15.55	5.57E-01	218.24	323.5676	26.96397	22.85496	0.96	713	18.9	20.7
92	15.55	5.57E-01	218.25	323.5623	26.96353	22.85459	0.96	713	18.9	20.7
92	15.55	5.57E-01	218.54	324.0029	27.00024	22.88571	0.96	713	18.9	20.7
92	15.55	5.58E-01	218.47	324.1312	27.01093	22.89477	0.96	713	18.9	20.7
92	15.55	5.58E-01	218.47	324.1312	27.01093	22.89477	0.96	713	18.9	20.7
92	15.55	5.58E-01	218.46	324.1488	27.01240	22.89601	0.96	713	18.9	20.4
92	15.55	5.58E-01	218.46	324.1488	27.01240	22.89601	0.96	713	18.8	20.4
92	15.55	5.58E-01	218.46	324.1488	27.01240	22.89601	0.96	713	18.8	20.4
92	15.55	5.57E-01	218.57	324.2184	27.01820	22.90093	0.96	713	18.8	20.4
92	15.55	5.57E-01	218.87	324.6644	27.05537	22.93244	0.96	713	18.8	20.4
92	15.55	5.57E-01	218.84	324.6276	27.05230	22.92984	0.96	713	18.8	20.4
92	15.55	5.57E-01	218.34	323.5132	26.95943	22.85112	0.96	713	18.8	20.5
92	15.55	5.57E-01	218.51	323.7751	26.98126	22.86962	0.96	713	19	20.5
92	15.55	5.57E-01	218.51	323.8548	26.98790	22.87525	0.96	713	19	20.5
92	15.55	5.57E-01	218.22	323.4561	26.95468	22.84708	0.96	713	19	20.5
92	15.55	5.57E-01	218.52	323.8959	26.99133	22.87815	0.96	713	19	20.5
92	15.55	5.57E-01	217.9	323.0226	26.91855	22.81647	0.96	713	19	20.5
92	15.55	5.57E-01	217.94	322.9924	26.91603	22.81433	0.96	713	19	21.2
92	15.55	5.57E-01	217.95	322.9276	26.91063	22.80975	0.96	713	19.1	21.2
87.5	14.79	5.40E-01	212.34	275.7825	22.98188	19.47969	0.96	713	19.1	21.2
87.5	14.79	5.39E-01	211.91	274.9061	22.90884	19.41779	0.96	713	19.1	21.2
87.5	14.79	5.39E-01	212.1	275.3179	22.94316	19.44688	0.96	713	19.1	21.2
87.5	14.79	5.41E-01	212.43	276.3899	23.03249	19.5226	0.96	713	19.1	21.2
87.5	14.79	5.40E-01	212.29	275.9048	22.99207	19.48834	0.96	713	19	20.5
83	14.03	5.25E-01	207.62	236.0853	19.67378	16.67571	0.96	713	19	20.5
83	14.03	5.24E-01	207.73	235.9249	19.66041	16.66438	0.96	713	19	20.5
83	14.03	5.25E-01	208.12	236.6519	19.72099	16.71574	0.96	713	19	20.5
83	14.03	5.25E-01	207.85	236.1712	19.68093	16.68178	0.96	713	19	20.5
83	14.03	5.25E-01	207.86	236.1805	19.68171	16.68244	0.96	713	19.1	20
78.5	13.26	5.04E-01	202.63	197.9077	16.49231	13.97907	0.96	713	19.1	20
78.5	13.26	5.04E-01	202.4	197.6205	16.46838	13.95878	0.96	713	19.1	20
78.5	13.26	5.03E-01	201.87	196.6145	16.38454	13.88772	0.96	713	19.1	20
78.5	13.26	5.03E-01	201.86	196.6005	16.38338	13.88674	0.96	713	19.1	20
78.5	13.26	5.03E-01	202.08	196.8388	16.40323	13.90357	0.96	713	19.2	20.9
73.5	12.42	4.80E-01	196.95	160.6104	13.38420	11.3446	0.96	713	19.2	20.9
73.5	12.42	4.80E-01	196.97	160.6139	13.38449	11.34485	0.96	713	19.2	20.9
73.5	12.42	4.79E-01	196.28	159.6148	13.30123	11.27427	0.96	713	19.2	20.9
73.5	12.42	4.79E-01	196.28	159.6215	13.30179	11.27475	0.96	713	19.2	20.9
73.5	12.42	4.78E-01	195.8	158.8085	13.23404	11.21732	0.96	713	19.2	21
69	11.66	4.64E-01	193.12	134.2277	11.18564	9.48107	0.96	713	19.2	21
69	11.66	4.64E-01	193.06	134.1816	11.18180	9.47782	0.96	713	19.2	21
69	11.66	4.63E-01	192.88	133.6865	11.14054	9.44285	0.96	713	19.2	21
69	11.66	4.63E-01	192.7	133.6199	11.13499	9.43814	0.96	713	19.2	21
69	11.66	4.63E-01	192.88	133.7101	11.14251	9.44452	0.96	713	19.2	20.5

TABLA N° ANEXO C.17: Conductor 2, ACAR 2.59 cm.

Muestra 2. Configuración simple. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
25	16.5	716.5	0.97	132	22.31	2.59	0.8226

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
129	21.8	6.03E-04	145.91	0.4604	0.03837	0.03252	0.96	714	17.4	25
129	21.8	5.82E-04	145.91	0.4439	0.03699	0.03135	0.96	714	17.4	25
129	21.8	5.82E-04	145.91	0.4439	0.03699	0.03135	0.96	714	17.4	25
129	21.8	5.87E-04	145.91	0.448	0.03733	0.03164	0.96	714	17.4	25
129	21.8	5.90E-04	145.91	0.4506	0.03755	0.03183	0.96	714	17.4	25
124.5	21.04	5.81E-04	145.91	0.4132	0.03443	0.02919	0.96	714	17.5	25
124.5	21.04	5.81E-04	145.91	0.4132	0.03443	0.02919	0.96	714	17.5	25
124.5	21.04	5.76E-04	145.91	0.4099	0.03416	0.02895	0.96	714	17.5	25
124.5	21.04	5.83E-04	145.91	0.4148	0.03457	0.0293	0.96	714	17.5	24.5
124.5	21.04	5.81E-04	145.91	0.413	0.03442	0.02917	0.96	714	17.5	24.5
120	20.28	5.47E-04	145.91	0.3613	0.03011	0.02552	0.96	714	17.5	24.5
120	20.28	5.49E-04	145.91	0.3625	0.03021	0.02561	0.96	714	17.7	24.5
120	20.28	5.43E-04	145.91	0.359	0.02992	0.02536	0.96	714	17.7	24.5
120	20.28	5.46E-04	145.91	0.3604	0.03003	0.02546	0.96	714	17.7	24.5
120	20.28	5.48E-04	145.91	0.3621	0.03018	0.02558	0.96	714	17.7	24.5
115	19.43	5.39E-04	145.91	0.3268	0.02723	0.02309	0.96	714	17.7	24.7
115	19.43	5.39E-04	145.91	0.3268	0.02723	0.02309	0.96	714	17.7	24.7
115	19.43	5.39E-04	145.91	0.3268	0.02723	0.02309	0.96	714	17.7	24.7
115	19.43	5.40E-04	145.91	0.3278	0.02732	0.02315	0.96	714	17.7	24.7
115	19.43	5.42E-04	145.91	0.3289	0.02741	0.02323	0.96	714	17.7	24.7
110.5	18.67	5.40E-04	145.91	0.3025	0.02521	0.02136	0.96	714	17.7	24.7
110.5	18.67	5.40E-04	145.91	0.3023	0.02519	0.02135	0.96	714	17.7	24.7
110.5	18.67	5.40E-04	145.91	0.3023	0.02519	0.02135	0.96	715	17.7	24.7
110.5	18.67	5.37E-04	145.91	0.3009	0.02508	0.02125	0.96	715	17.9	24.7
110.5	18.67	5.43E-04	145.91	0.3044	0.02537	0.0215	0.96	715	17.9	25.2
106	17.91	5.34E-04	145.91	0.2754	0.02295	0.01945	0.96	715	17.9	25.2
106	17.91	5.32E-04	145.91	0.2744	0.02287	0.01939	0.96	715	17.9	25.2
106	17.91	5.33E-04	145.91	0.2748	0.02290	0.01941	0.96	715	17.9	25.2
106	17.91	5.36E-04	145.91	0.2764	0.02303	0.01952	0.96	715	17.9	25.2
106	17.91	5.29E-04	145.91	0.2728	0.02273	0.01927	0.96	715	17.9	25.3
101.5	17.15	5.34E-04	145.91	0.2524	0.02103	0.01783	0.96	715	17.9	25.3
101.5	17.15	5.38E-04	145.91	0.2543	0.02119	0.01796	0.96	715	17.9	25.3
101.5	17.15	5.38E-04	145.91	0.2543	0.02119	0.01796	0.96	715	17.9	25.3
101.5	17.15	5.37E-04	145.91	0.2536	0.02113	0.01791	0.96	715	17.9	25.3
101.5	17.15	5.38E-04	145.91	0.254	0.02117	0.01794	0.96	715	17.9	25.3
96.5	16.31	5.35E-04	145.91	0.2284	0.01903	0.01613	0.96	715	17.9	25.3
96.5	16.31	5.32E-04	145.91	0.2272	0.01893	0.01605	0.96	715	17.9	26.5
96.5	16.31	5.37E-04	145.91	0.2295	0.01913	0.01621	0.96	715	17.9	26.5
96.5	16.31	5.34E-04	145.91	0.2281	0.01901	0.01611	0.96	715	17.9	26.5
96.5	16.31	5.39E-04	145.91	0.2304	0.01920	0.01627	0.96	715	17.9	26.5
92	15.55	5.37E-04	145.91	0.2083	0.01736	0.01471	0.96	715	17.9	26.5
92	15.55	5.37E-04	145.91	0.2086	0.01738	0.01473	0.96	715	17.9	26.5
92	15.55	5.36E-04	145.91	0.2082	0.01735	0.01471	0.96	715	17.9	26.5
92	15.55	5.36E-04	145.91	0.2082	0.01735	0.01471	0.96	715	18.1	26.5
92	15.55	5.36E-04	145.91	0.2082	0.01735	0.01471	0.96	715	18.1	26.5
92	15.55	5.36E-04	145.91	0.2082	0.01735	0.01471	0.96	715	18.1	27
92	15.55	5.36E-04	145.91	0.2082	0.01735	0.01471	0.96	715	18.1	27
92	15.55	5.40E-04	145.91	0.2095	0.01746	0.0148	0.96	715	18.1	27
92	15.55	5.34E-04	145.91	0.2072	0.01727	0.01464	0.96	715	18.1	27
92	15.55	5.39E-04	145.91	0.2092	0.01743	0.01478	0.96	715	18.1	27
92	15.55	5.38E-04	145.91	0.2087	0.01739	0.01474	0.96	715	18.1	27
92	15.55	5.38E-04	145.91	0.2089	0.01741	0.01476	0.96	715	18.1	27
92	15.55	5.40E-04	145.91	0.2095	0.01746	0.0148	0.96	715	18.1	27
92	15.55	5.35E-04	145.91	0.2078	0.01732	0.01468	0.96	715	18.1	27
92	15.55	5.35E-04	145.91	0.2078	0.01732	0.01468	0.96	715	18.1	27
92	15.55	5.35E-04	145.91	0.2078	0.01732	0.01468	0.96	715	18.1	27
92	15.55	5.35E-04	145.91	0.2077	0.01731	0.01467	0.96	715	18.1	27
92	15.55	5.35E-04	145.91	0.2077	0.01731	0.01467	0.96	715	18.1	27
92	15.55	5.36E-04	145.91	0.208	0.01733	0.01469	0.96	715	18.1	27
92	15.55	5.36E-04	145.91	0.208	0.01733	0.01469	0.96	715	18.1	27
92	15.55	5.36E-04	145.91	0.208	0.01733	0.01469	0.96	715	18.1	27
92	15.55	5.42E-04	145.91	0.2104	0.01753	0.01486	0.96	715	18.1	27
92	15.55	5.42E-04	145.91	0.2105	0.01754	0.01487	0.96	715	18.1	27.6
92	15.55	5.36E-04	145.91	0.2082	0.01735	0.01471	0.96	715	18.5	27.6
92	15.55	5.37E-04	145.91	0.2084	0.01737	0.01472	0.96	715	18.5	27.6
92	15.55	5.38E-04	145.91	0.2088	0.01740	0.01475	0.96	715	18.5	27.6
92	15.55	5.37E-04	145.91	0.2084	0.01737	0.01472	0.96	715	18.5	27.6
92	15.55	5.39E-04	145.91	0.2094	0.01745	0.01479	0.96	715	18.5	27.6
92	15.55	5.40E-04	145.91	0.2097	0.01748	0.01481	0.96	715	18.5	27.6
92	15.55	5.41E-04	145.91	0.2102	0.01752	0.01484	0.96	715	18.5	27.6
87.5	14.79	5.28E-04	145.91	0.1854	0.01545	0.01309	0.96	715	18.5	27.6
87.5	14.79	5.28E-04	145.91	0.1854	0.01545	0.01309	0.96	715	18.5	27.6
87.5	14.79	5.24E-04	145.91	0.1839	0.01533	0.01299	0.96	715	18.5	27.6
87.5	14.79	5.24E-04	145.91	0.184	0.01533	0.013	0.96	715	18.5	27.6
87.5	14.79	5.26E-04	145.91	0.1848	0.01540	0.01305	0.96	715	18.5	27.4
83	14.03	5.08E-04	145.91	0.1604	0.01337	0.01133	0.96	715	18.8	27.4
83	14.03	5.08E-04	145.91	0.1604	0.01337	0.01133	0.96	715	18.8	27.4
83	14.03	5.09E-04	145.91	0.1607	0.01339	0.01135	0.96	715	18.8	27.4
83	14.03	5.15E-04	145.91	0.1627	0.01356	0.01149	0.96	715	18.8	27.4
83	14.03	5.15E-04	145.91	0.1627	0.01356	0.01149	0.96	715	18.8	27.4

TABLA N° ANEXO C.18: Conductor 2, ACAR 2.59 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
37.7	16.2	717.8	0.97	101.05	17.08	2.59	0.6281

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	2.94E-01	152.38	185.9604	15.49670	13.13518	0.95	715.2	20.8	16.8
115	19.43	2.87E-01	152.41	182.0198	15.16832	12.85684	0.95	715.2	20.8	16.8
115	19.43	2.89E-01	152.24	183.1886	15.26572	12.93939	0.95	715.2	20.8	16.8
115	19.43	2.91E-01	152.37	184.1444	15.34537	13.00691	0.95	715.2	20.8	16.8
115	19.43	2.91E-01	152.08	184.1914	15.34928	13.01022	0.96	715.2	20.5	16.8
110.5	18.67	2.00E-01	148.2	113.5272	9.46060	8.01891	0.96	715.2	20.5	16.8
110.5	18.67	1.95E-01	148.88	111.5373	9.29478	7.87836	0.96	715.2	20.5	16.8
110.5	18.67	1.98E-01	148.92	113.3647	9.44706	8.00743	0.96	715.2	20.5	16.8
110.5	18.67	1.98E-01	148.91	113.4501	9.45418	8.01347	0.96	715.2	20.5	16.8
110.5	18.67	1.98E-01	148.91	113.4501	9.45418	8.01347	0.95	715.2	20.8	16
106	17.91	1.09E-01	147.11	56.6767	4.72306	4.00331	0.95	715.2	20.8	16
106	17.91	9.68E-02	146.85	50.2224	4.18520	3.54742	0.95	715.2	20.8	16
106	17.91	1.28E-01	147.49	66.8097	5.56748	4.71905	0.95	715.2	20.8	16
106	17.91	1.22E-01	147.11	63.1793	5.26494	4.46262	0.95	715.2	20.8	16
106	17.91	1.12E-01	147.22	58.3259	4.86049	4.11981	0.95	715.2	20.8	16.3
101.5	17.15	3.87E-02	146.76	18.3717	1.53098	1.29767	0.95	715.2	20.8	16.3
101.5	17.15	4.25E-02	146.92	20.2215	1.68513	1.42833	0.95	715.2	20.8	16.3
101.5	17.15	3.94E-02	146.96	18.7314	1.56095	1.32308	0.95	715.2	20.8	16.3
101.5	17.15	3.62E-02	146.79	17.2161	1.43468	1.21605	0.95	715.2	20.8	16.3
101.5	17.15	3.31E-02	146.82	15.726	1.31050	1.11079	0.95	715.2	20.8	16.3
96.5	16.31	8.29E-04	146.99	0.3569	0.02974	0.02521	0.95	715.2	20.8	16.9
96.5	16.31	8.29E-04	146.99	0.3569	0.02974	0.02521	0.95	715.2	20.8	16.9
96.5	16.31	8.29E-04	146.99	0.3569	0.02974	0.02521	0.95	715.2	20.8	16.9
96.5	16.31	8.70E-04	146.99	0.3745	0.03121	0.02645	0.95	715.2	20.8	16.9
96.5	16.31	8.70E-04	146.99	0.3745	0.03121	0.02645	0.95	715.2	20.8	18
92	15.55	7.73E-04	146.99	0.3023	0.02519	0.02135	0.95	715.2	20.8	18
92	15.55	7.73E-04	146.99	0.3023	0.02519	0.02135	0.95	715.2	20.8	18
92	15.55	7.73E-04	146.99	0.3023	0.02519	0.02135	0.95	715.2	20.8	18
92	15.55	7.73E-04	146.99	0.3023	0.02519	0.02135	0.95	715.2	20.8	18
92	15.55	1.35E-03	146.99	0.5284	0.04403	0.03732	0.95	715.2	20.8	18
92	15.55	1.35E-03	146.99	0.5284	0.04403	0.03732	0.95	715.2	20.8	18
92	15.55	1.02E-03	146.99	0.4006	0.03338	0.02829	0.95	715.2	20.8	18
92	15.55	1.41E-03	147	0.5511	0.04593	0.03893	0.95	715.2	20.8	18
92	15.55	1.28E-03	147	0.4999	0.04166	0.03531	0.95	715.2	20.8	18
92	15.55	1.33E-03	146.98	0.5197	0.04331	0.03671	0.95	715.2	20.8	18
92	15.55	1.24E-03	146.99	0.4866	0.04055	0.03437	0.95	715.2	20.8	17.9
92	15.55	1.18E-03	147	0.4632	0.03860	0.03272	0.95	715.2	20.8	17.9
92	15.55	1.23E-03	147	0.4792	0.03993	0.03385	0.95	715.2	20.8	17.9
92	15.55	1.27E-03	146.99	0.4976	0.04147	0.03515	0.95	715.2	20.8	17.9
92	15.55	1.27E-03	146.99	0.4976	0.04147	0.03515	0.95	715.2	20.8	17.9
92	15.55	1.44E-03	146.99	0.5621	0.04684	0.03971	0.95	715.2	20.8	17.9
92	15.55	1.45E-03	146.99	0.5665	0.04721	0.04001	0.95	715.2	20.8	17.9
92	15.55	1.14E-03	146.99	0.4448	0.03707	0.03142	0.95	715.2	20.8	17.9
92	15.55	1.24E-03	146.99	0.4847	0.04039	0.03424	0.95	715.2	20.8	17.9
92	15.55	1.24E-03	146.98	0.4847	0.04039	0.03424	0.95	715.5	20.8	17.9
92	15.55	1.06E-03	147	0.4153	0.03461	0.02934	0.95	715.5	20.9	16.9
92	15.55	1.02E-03	146.99	0.3987	0.03323	0.02816	0.95	715.5	20.9	16.9
92	15.55	1.02E-03	146.99	0.3987	0.03323	0.02818	0.95	715.5	20.9	16.9
92	15.55	9.75E-04	146.99	0.3815	0.03179	0.02695	0.95	715.5	20.9	16.9
92	15.55	9.75E-04	146.99	0.3815	0.03179	0.02695	0.95	715.5	20.9	16.9
92	15.55	9.69E-04	146.99	0.3791	0.03159	0.02677	0.95	715.5	20.9	16.9
92	15.55	9.69E-04	146.99	0.3791	0.03159	0.02677	0.95	715.5	20.9	16.9
92	15.55	9.69E-04	146.99	0.3791	0.03159	0.02677	0.95	715.5	20.9	16.9
92	15.55	9.17E-04	146.99	0.3588	0.02990	0.02534	0.95	715.5	20.9	16.9
92	15.55	9.27E-04	146.99	0.3625	0.03021	0.0256	0.95	715.5	20.9	16.9
87.5	14.79	7.59E-04	146.99	0.2684	0.02237	0.01896	0.95	715.5	21	16.9
87.5	14.79	7.74E-04	146.99	0.274	0.02283	0.01935	0.95	715.5	21	16.9
87.5	14.79	7.74E-04	146.99	0.274	0.02283	0.01935	0.95	715.5	21	16.9
87.5	14.79	7.74E-04	146.99	0.274	0.02283	0.01935	0.95	715.5	21	16.9
87.5	14.79	7.95E-04	146.99	0.2812	0.02343	0.01986	0.95	715.5	21	16.9
83	14.03	6.81E-04	146.99	0.2169	0.01808	0.01532	0.95	714.1	21.2	16.9
83	14.03	6.81E-04	146.99	0.2169	0.01808	0.01532	0.95	714.1	21.2	16.9
83	14.03	6.81E-04	146.99	0.2169	0.01808	0.01532	0.95	714.1	21.2	16.9
83	14.03	6.74E-04	146.99	0.2145	0.01788	0.01515	0.95	714.1	21.2	16.9
83	14.03	6.74E-04	146.99	0.2145	0.01788	0.01515	0.95	714.1	21.2	16.9
78.5	13.26	6.56E-04	146.98	0.1867	0.01556	0.01319	0.95	714.1	21.2	17.2
78.5	13.26	6.64E-04	146.99	0.1892	0.01577	0.01336	0.95	714.1	21.2	17.2
78.5	13.26	6.38E-04	146.99	0.1816	0.01513	0.01283	0.95	714.1	21.2	17.2
78.5	13.26	6.13E-04	146.99	0.1744	0.01453	0.01232	0.95	714.1	21.2	17.2
78.5	13.26	6.50E-04	146.99	0.1852	0.01543	0.01308	0.95	714.1	21.2	17.2
73.5	12.42	6.53E-04	146.98	0.1631	0.01359	0.01152	0.95	714.1	21.2	17.2
73.5	12.42	6.53E-04	146.98	0.1631	0.01359	0.01152	0.95	714.1	21.2	16.9
73.5	12.42	6.53E-04	146.98	0.1631	0.01359	0.01152	0.95	714.1	21.2	16.9
73.5	12.42	6.52E-04	146.98	0.1627	0.01356	0.01149	0.95	714.1	21.2	16.9
73.5	12.42	6.33E-04	146.98	0.158	0.01317	0.01116	0.95	714.1	21.2	16.9
69	11.66	6.28E-04	146.98	0.1382	0.01152	0.00976	0.95	714.1	21.2	16.9
69	11.66	6.44E-04	146.99	0.1417	0.01181	0.01001	0.95	714.1	21.2	16.9
69	11.66	6.44E-04	146.99	0.1417	0.01181	0.01001	0.95	714.1	21.2	16.9
69	11.66	6.44E-04	146.99	0.1417	0.01181	0.01001	0.95	714.1	21.2	16.9
69	11.66	6.44E-04	146.99	0.1417	0.01181	0.01001	0.95	714.1	21.2	16.9

TABLA N° ANEXO C.19: Conductor 2, ACAR 2.59 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
32.8	16.7	715.8	0.97	66.88	11.3	2.59	0.4174

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	3.49E-01	168.41	244.4643	20.37203	17.26756	0.95	712.2	22	19.1
115	19.43	3.49E-01	168.39	244.4441	20.37034	17.26613	0.95	712.2	22	19.1
115	19.43	3.48E-01	168.25	243.1447	20.26206	17.17435	0.95	712.2	22	19.1
115	19.43	3.47E-01	168.03	242.2957	20.19131	17.11438	0.95	712.2	22	19.1
115	19.43	3.37E-01	167.25	234.2937	19.52448	16.54916	0.95	712.2	22	19.1
110.5	18.67	2.96E-01	164.3	186.4319	15.53599	13.16848	0.95	712.2	22	19.1
110.5	18.67	2.96E-01	164.3	186.4319	15.53599	13.16848	0.95	712.2	22	19.7
110.5	18.67	2.98E-01	164.11	187.5622	15.63018	13.24832	0.95	712.2	22	19.7
110.5	18.67	2.93E-01	163.94	184.6061	15.38384	13.03952	0.95	712.2	22	19.7
110.5	18.67	2.96E-01	163.75	185.7618	15.48015	13.12115	0.95	712.5	22	19.7
106	17.91	2.49E-01	161.39	141.7756	11.81463	10.01422	0.95	712.5	22.1	19.7
106	17.91	2.50E-01	161.58	142.4864	11.87387	10.06442	0.95	712.5	22.1	18.7
106	17.91	2.45E-01	161.38	139.8019	11.65016	9.87481	0.95	712.5	22.1	18.7
106	17.91	2.52E-01	161.96	143.8994	11.99162	10.16423	0.95	712.5	22.1	18.7
106	17.91	2.48E-01	161.41	141.6158	11.80132	10.00293	0.95	712.5	22.1	18.7
101.5	17.15	1.91E-01	158.76	98.2965	8.19138	6.9431	0.95	712.5	22	18.7
101.5	17.15	1.97E-01	158.9	101.4821	8.45684	7.16811	0.95	712.5	22	19.2
101.5	17.15	1.93E-01	158.88	99.5268	8.29390	7.03	0.95	712.5	21.9	19.2
101.5	17.15	1.93E-01	158.88	99.5268	8.29390	7.03	0.95	712.5	21.9	19.2
101.5	17.15	1.90E-01	158.82	97.8619	8.15516	6.9124	0.95	712.5	21.8	19.3
96.5	16.31	1.27E-01	156.78	58.4692	4.87243	4.12993	0.95	712.5	21.8	19.3
96.5	16.31	1.32E-01	156.83	60.643	5.05358	4.28348	0.95	712.5	21.8	19.3
96.5	16.31	1.33E-01	157.03	61.1538	5.09615	4.31956	0.95	712.5	21.8	19.3
96.5	16.31	1.30E-01	156.9	59.8069	4.98391	4.22442	0.95	712.5	21.7	19.4
96.5	16.31	1.30E-01	156.69	59.4376	4.95313	4.19833	0.95	712.5	21.7	19.5
92	15.55	8.09E-02	155.89	33.5469	2.79558	2.36956	0.95	712.5	21.7	19.6
92	15.55	7.93E-02	155.92	32.9036	2.74197	2.32412	0.95	712.5	21.8	19.7
92	15.55	8.06E-02	155.89	33.4183	2.78486	2.36048	0.95	712.5	21.8	19.8
92	15.55	7.71E-02	155.91	31.9876	2.66563	2.25942	0.95	712.5	21.8	19.8
92	15.55	7.87E-02	155.85	32.6276	2.71897	2.30463	0.95	712.5	21.8	19.8
92	15.55	8.34E-02	155.97	34.6073	2.88394	2.44446	0.95	712.5	21.8	19.9
92	15.55	7.99E-02	155.82	33.1418	2.76182	2.34095	0.95	712.5	21.9	19.9
92	15.55	7.90E-02	155.84	32.7559	2.72966	2.31369	0.95	712.5	21.9	19.9
92	15.55	8.02E-02	155.81	33.2704	2.77253	2.35003	0.95	712.5	21.9	20.1
92	15.55	7.96E-02	155.83	33.0132	2.75110	2.33186	0.95	712.5	21.9	20.2
92	15.55	7.68E-02	155.8	31.8356	2.65297	2.24868	0.95	712.2	21.9	20.2
92	15.55	7.55E-02	155.83	31.3208	2.61007	2.21233	0.95	712.2	21.9	20.3
92	15.55	7.55E-02	155.83	31.3208	2.61007	2.21233	0.95	712.2	21.9	20.4
92	15.55	8.12E-02	155.93	33.6862	2.80718	2.3794	0.95	712.2	21.9	20.5
92	15.55	8.02E-02	155.95	33.3002	2.77502	2.35214	0.95	712.2	21.9	20.6
92	15.55	8.68E-02	156.02	36.0523	3.00436	2.54653	0.95	712.2	22	20.6
92	15.55	7.40E-02	155.87	30.6767	2.55639	2.16683	0.95	712.2	22	20.6
92	15.55	7.65E-02	155.81	31.7071	2.64226	2.23961	0.95	712.2	22.1	20.6
92	15.55	7.43E-02	155.86	30.8056	2.56713	2.17593	0.95	712.2	22.1	20.7
92	15.55	7.59E-02	155.84	31.4515	2.62096	2.22155	0.95	712.2	22.1	20.7
92	15.55	7.65E-02	155.82	31.709	2.64242	2.23974	0.95	712.2	22.1	20.8
92	15.55	8.02E-02	155.96	33.3022	2.77518	2.35228	0.94	712.2	22.6	21
92	15.55	7.62E-02	155.83	31.5809	2.63174	2.23069	0.94	712.2	22.6	21
92	15.55	7.46E-02	155.87	30.9324	2.57770	2.18489	0.95	712.2	22	21
92	15.55	7.84E-02	155.78	32.4773	2.70644	2.29401	0.95	712.2	22	21
92	15.55	7.47E-02	155.86	30.9969	2.58308	2.18944	0.95	712.2	22	21.2
92	15.55	7.90E-02	155.99	32.782	2.73183	2.31554	0.95	712.2	22	21.4
92	15.55	7.62E-02	155.83	31.5751	2.63126	2.23028	0.95	712.2	22	21.5
92	15.55	7.62E-02	155.83	31.575	2.63125	2.23028	0.95	712.2	22	21.5
92	15.55	7.33E-02	155.89	30.4155	2.53463	2.14837	0.95	712.2	22	21.7
87.5	14.79	5.35E-02	155.36	20.0115	1.66763	1.41349	0.95	712	22	21.7
87.5	14.79	5.35E-02	155.36	20.0115	1.66763	1.4135	0.95	712	22.1	21.7
87.5	14.79	5.29E-02	155.37	19.7779	1.64816	1.397	0.95	712	22.1	21.7
87.5	14.79	5.04E-02	155.64	18.8709	1.57258	1.33293	0.95	712	22.1	21.7
87.5	14.79	5.35E-02	155.36	20.0115	1.66763	1.4135	0.95	712	22.1	21.7
83	14.03	2.81E-02	155.45	9.451	0.78758	0.66757	0.95	712	22.1	21.7
83	14.03	2.74E-02	155.46	9.2345	0.76954	0.65227	0.95	712	22.2	21.7
83	14.03	2.74E-02	155.46	9.2345	0.76954	0.65227	0.95	712	22.2	21.7
83	14.03	2.74E-02	155.46	9.2345	0.76954	0.65227	0.95	712	22.2	21.7
83	14.03	2.97E-02	155.43	9.9933	0.83278	0.70587	0.95	712	22.2	21.7
78.5	13.26	1.87E-02	155.28	5.6182	0.46818	0.39684	0.95	712.2	22.2	21.9
78.5	13.26	1.80E-02	155.28	5.4294	0.45245	0.3835	0.95	712.2	22.2	21.9
78.5	13.26	1.74E-02	155.29	5.2405	0.43671	0.37016	0.95	712.2	22.2	21.9
78.5	13.26	1.77E-02	155.29	5.3349	0.44458	0.37683	0.95	712.2	22.2	21.9
78.5	13.26	1.86E-02	155.48	5.6169	0.46808	0.39674	0.95	712.2	22.2	21.9
73.5	12.42	9.43E-03	155.52	2.4917	0.20764	0.176	0.95	712.2	22.2	21.9
73.5	12.42	1.01E-02	155.52	2.6568	0.22140	0.18766	0.95	712.2	22.2	21.9
73.5	12.42	1.04E-02	155.29	2.7299	0.22749	0.19283	0.95	712.2	22.2	21.9
73.5	12.42	9.14E-03	155.43	2.4131	0.20109	0.17045	0.95	712.2	22.2	21.9
73.5	12.42	9.44E-03	155.42	2.4919	0.20766	0.17601	0.95	712.2	22.2	21.9
69	11.66	6.93E-03	155.43	1.6115	0.13429	0.11383	0.95	712.2	22.2	22
69	11.66	6.30E-03	155.43	1.4654	0.12212	0.1035	0.95	712.2	22.2	22
69	11.66	6.61E-03	155.39	1.538	0.12817	0.10864	0.95	712.2	22.2	22
69	11.66	6.30E-03	155.39	1.465	0.12208	0.10348	0.95	712.2	22.2	22
69	11.66	6.30E-03	155.4	1.4651	0.12209	0.10349	0.95	712.2	22.2	22

TABLA N° ANEXO C.20: Conductor 2, ACAR 2.59 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
26.1	18.4	709	0.95	30.85	5.21	2.59	0.1952

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	6.22E-01	236.26	611.4499	50.95416	43.18932	0.95	708.9	20.5	16.7
115	19.43	6.22E-01	236.38	611.2179	50.93483	43.17293	0.95	708.9	20.5	16.7
115	19.43	6.22E-01	236.36	611.2549	50.93791	43.17554	0.95	708.9	20.5	16.7
115	19.43	6.21E-01	236.26	609.7577	50.81314	43.06979	0.95	708.9	20.5	16.7
115	19.43	6.21E-01	236.14	610.0085	50.83404	43.08751	0.95	708.9	20.5	16.7
110.5	18.67	6.10E-01	232.14	543.287	45.27392	38.37468	0.95	708.9	20.4	17.1
110.5	18.67	6.09E-01	232.27	543.031	45.25258	38.3566	0.95	708.9	20.4	17.1
110.5	18.67	6.07E-01	232	540.5431	45.04526	38.18087	0.95	708.9	20.4	17.1
110.5	18.67	6.08E-01	232.17	541.5064	45.12553	38.24891	0.95	708.9	20.4	17.1
110.5	18.67	6.08E-01	232.17	541.5064	45.12553	38.24891	0.95	708.9	20.4	17.1
106	17.91	5.96E-01	228.39	480.8567	40.07139	33.96497	0.95	708.9	20.4	17.1
106	17.91	5.95E-01	228.18	479.3548	39.94623	33.85888	0.95	708.9	20.4	17.1
106	17.91	5.95E-01	228.18	479.3548	39.94623	33.85888	0.95	708.9	20.4	17.1
106	17.91	5.94E-01	228.31	479.1103	39.92586	33.84161	0.95	708.9	20.4	17.1
106	17.91	5.93E-01	228.19	477.8441	39.82034	33.75217	0.95	708.9	20.4	17.1
101.5	17.15	5.78E-01	223.85	419.336	34.94467	29.61949	0.95	708.9	20	19.3
101.5	17.15	5.79E-01	223.74	419.5678	34.96398	29.63587	0.95	708.9	20	19.3
101.5	17.15	5.78E-01	223.6	418.8357	34.90298	29.58416	0.95	708.9	20	19.3
101.5	17.15	5.78E-01	223.6	418.8357	34.90298	29.58416	0.95	708.9	20	19.3
101.5	17.15	5.79E-01	223.5	419.1011	34.92509	29.6029	0.95	708.9	19.5	20
96.5	16.31	5.64E-01	218.73	361.0258	30.08548	25.50079	0.95	708.9	19.5	20
96.5	16.31	5.65E-01	219.18	362.5988	30.21657	25.6119	0.95	708.9	19.5	20
96.5	16.31	5.65E-01	219.17	362.6062	30.21718	25.61242	0.95	708.9	19.5	20
96.5	16.31	5.65E-01	219.25	362.7892	30.23243	25.62535	0.95	708.9	19.5	20
96.5	16.31	5.63E-01	219	361.1686	30.09738	25.51088	0.95	708.9	19.5	20
92	15.55	5.51E-01	214.84	314.9192	26.24327	22.24409	0.95	709.5	20	20
92	15.55	5.50E-01	214.67	314.3082	26.19235	22.20093	0.95	709.5	20	20
92	15.55	5.53E-01	215.01	316.5539	26.37949	22.35955	0.95	709.5	20	20
92	15.55	5.48E-01	213.77	311.4755	25.95629	22.00084	0.95	709.5	20	20
92	15.55	5.48E-01	213.94	312.082	26.00683	22.04368	0.95	709.5	20	20
92	15.55	5.53E-01	215.02	316.5455	26.37879	22.35896	0.95	709.5	20	20
92	15.55	5.48E-01	213.94	312.089	26.00742	22.04418	0.95	709.5	20	20
92	15.55	5.50E-01	213.99	312.8949	26.07458	22.1011	0.95	709.5	20	20
92	15.55	5.50E-01	214.16	313.4955	26.12463	22.14353	0.95	709.5	20	20
92	15.55	5.50E-01	214.12	313.4331	26.11943	22.13912	0.95	709.5	20	20
92	15.55	5.49E-01	222.76	325.7058	27.14215	23.00599	0.95	709.5	20	20
92	15.55	5.49E-01	214	312.8868	26.07390	22.10053	0.95	709.5	20	20
92	15.55	5.49E-01	213.96	312.8231	26.06859	22.09603	0.95	709.5	20	20
92	15.55	5.50E-01	214.12	313.41	26.11750	22.13748	0.95	709.5	19.8	20.2
92	15.55	5.50E-01	213.92	312.8483	26.07069	22.09781	0.95	709.5	19.8	20.2
92	15.55	5.50E-01	213.92	312.8483	26.07069	22.09781	0.95	709.5	19.8	20.2
92	15.55	5.50E-01	213.92	312.8483	26.07069	22.09781	0.95	709.5	19.8	20.2
92	15.55	5.49E-01	213.75	312.2434	26.02028	22.05509	0.95	709.5	19.8	20.2
92	15.55	5.50E-01	213.94	312.8286	26.06905	22.09642	0.95	709.5	19.8	20.2
92	15.55	5.48E-01	213.43	311.0146	25.91788	21.96829	0.95	709.8	19.7	20.3
92	15.55	5.47E-01	213.47	310.7294	25.89412	21.94814	0.95	709.8	19.7	20.3
92	15.55	5.51E-01	214.38	314.5581	26.21318	22.21859	0.95	709.8	19.7	20.3
92	15.55	5.50E-01	214.15	313.1477	26.09564	22.11896	0.95	709.8	19.7	20.3
92	15.55	5.51E-01	214.22	313.9231	26.16026	22.17373	0.95	709.8	19.7	20.3
92	15.55	5.52E-01	214.6	315.0272	26.25227	22.25172	0.95	709.8	19.7	20.5
92	15.55	5.51E-01	214.43	314.417	26.20142	22.20862	0.95	709.8	19.7	20.5
92	15.55	5.51E-01	214.43	314.4168	26.20140	22.2086	0.95	709.8	19.7	20.5
92	15.55	5.50E-01	214.09	313.1941	26.09951	22.12224	0.95	709.8	19.7	20.5
92	15.55	5.50E-01	214.09	313.1941	26.09951	22.12224	0.95	709.8	19.7	20.5
92	15.55	5.49E-01	214.2	313.0062	26.08385	22.10896	0.95	709.8	19.6	20.6
87.5	14.79	5.32E-01	209.19	268.0272	22.33560	18.93191	0.95	709.8	19.6	20.6
87.5	14.79	5.34E-01	209.24	268.7255	22.39379	18.98123	0.95	709.8	19.6	20.6
87.5	14.79	5.34E-01	209.24	268.7255	22.39379	18.98123	0.95	709.8	19.6	20.6
87.5	14.79	5.32E-01	209.03	267.4946	22.29122	18.89429	0.95	709.8	19.6	20.6
87.5	14.79	5.31E-01	208.86	266.9875	22.24896	18.85847	0.95	709.8	19.6	20.6
83	14.03	5.17E-01	204.74	229.3379	19.11149	16.19912	0.95	709.8	19.6	20.5
83	14.03	5.17E-01	204.59	228.8941	19.07451	16.16777	0.95	709.8	19.6	20.5
83	14.03	5.17E-01	204.78	229.0993	19.09161	16.18226	0.95	709.8	19.6	20.5
83	14.03	5.16E-01	204.69	228.7312	19.06093	16.15626	0.95	709.8	19.6	20.5
83	14.03	5.16E-01	204.69	228.7312	19.06093	16.15626	0.95	709.8	19.6	20.5
78.5	13.26	4.98E-01	200.02	192.8548	16.07123	13.62216	0.95	709.8	19.6	20.6
78.5	13.26	4.98E-01	200.16	193.2294	16.10245	13.64862	0.95	709.8	19.6	20.6
78.5	13.26	4.97E-01	199.88	192.4779	16.03983	13.59554	0.95	709.8	19.6	20.6
78.5	13.26	4.98E-01	200.16	193.2297	16.10248	13.64864	0.95	709.8	19.6	20.6
78.5	13.26	4.98E-01	200.02	192.8535	16.07113	13.62207	0.95	709.8	19.6	20.6
73.5	12.42	4.73E-01	194.22	156.0825	13.00688	11.02477	0.95	709.8	19.6	20.5
73.5	12.42	4.72E-01	193.95	155.4904	12.95753	10.98295	0.95	710	19.6	20.5
73.5	12.42	4.72E-01	193.95	155.4904	12.95753	10.98295	0.95	710	19.6	20.5
73.5	12.42	4.71E-01	193.83	155.1836	12.93197	10.96128	0.95	710	19.6	20.5
73.5	12.42	4.72E-01	193.81	155.202	12.93350	10.96258	0.95	710	19.6	20.5
69	11.66	4.46E-01	188.6	126.0181	10.50151	8.90119	0.95	710	19.6	20.5
69	11.66	4.44E-01	188.5	125.348	10.44567	8.85386	0.95	710	19.6	20.5
69	11.66	4.48E-01	188.98	126.7382	10.56152	8.95206	0.95	710	19.6	20.5
69	11.66	4.42E-01	187.75	124.3229	10.36024	8.78146	0.95	710	19.6	20.5
69	11.66	4.46E-01	188.64	125.9675	10.49729	8.89762	0.95	710	19.6	20.5

TABLA N° ANEXO C.21: Conductor 2, ACAR 2.59 cm.

Muestra 3. Configuración simple. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.1	21.1	715.3	0.95	130.4	22.03	2.59	0.8253

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
129	21.8	5.76E-04	145.86	0.4399	0.03666	0.03107	0.96	719.2	21.9	19.7
129	21.8	5.43E-04	145.87	0.4147	0.03456	0.02929	0.96	719.2	21.9	19.7
129	21.8	5.72E-04	145.86	0.4363	0.03636	0.03082	0.96	719.2	21.9	19.9
129	21.8	5.94E-04	145.86	0.4531	0.03776	0.032	0.96	719.2	21.9	20
129	21.8	6.03E-04	145.86	0.4603	0.03836	0.03251	0.96	719.2	22	21
124.5	21.04	5.25E-04	145.86	0.3729	0.03108	0.02634	0.95	719	22.3	22.6
124.5	21.04	5.25E-04	145.86	0.3729	0.03108	0.02634	0.95	719	22.3	22.6
124.5	21.04	4.96E-04	145.86	0.3528	0.02940	0.02492	0.95	719	22.3	22.6
124.5	21.04	5.25E-04	145.86	0.3729	0.03108	0.02634	0.95	719	22.3	22.6
124.5	21.04	5.03E-04	145.87	0.3573	0.02978	0.02524	0.95	719	22.3	22.6
120	20.28	5.18E-04	145.86	0.3423	0.02853	0.02418	0.95	719	22.3	22.5
120	20.28	4.89E-04	145.87	0.3226	0.02688	0.02279	0.95	719	22.3	22.5
120	20.28	4.95E-04	145.87	0.3267	0.02723	0.02308	0.95	719	22.3	22.5
120	20.28	5.31E-04	145.86	0.3506	0.02922	0.02476	0.95	719	22.3	22.5
120	20.28	5.25E-04	145.86	0.3464	0.02887	0.02447	0.95	719	22.3	22.5
115	19.43	5.18E-04	145.87	0.3144	0.02620	0.0222	0.95	719	22.4	22.5
115	19.43	5.00E-04	145.86	0.3029	0.02524	0.0214	0.95	719	22.4	22.5
115	19.43	5.12E-04	145.86	0.3105	0.02588	0.02194	0.95	719	22.4	22.5
115	19.43	5.03E-04	145.86	0.3048	0.02540	0.02153	0.95	719	22.4	22.5
115	19.43	4.93E-04	145.87	0.2991	0.02493	0.02113	0.95	719	22.4	22.6
110.5	18.67	5.06E-04	145.87	0.2832	0.02360	0.02	0.95	719	22.4	22.6
110.5	18.67	4.90E-04	145.87	0.2744	0.02287	0.01938	0.95	719	22.4	22.6
110.5	18.67	5.03E-04	145.87	0.2814	0.02345	0.01988	0.95	719	22.4	22.6
110.5	18.67	5.06E-04	145.86	0.2832	0.02360	0.02	0.95	719	22.4	22.6
110.5	18.67	5.06E-04	145.86	0.2832	0.02360	0.02	0.95	719	22.4	22.6
106	17.91	5.06E-04	145.86	0.2606	0.02172	0.01841	0.95	719	22.5	22.6
106	17.91	5.06E-04	145.86	0.2606	0.02172	0.01841	0.95	719	22.5	22.6
106	17.91	5.06E-04	145.86	0.2606	0.02172	0.01841	0.95	719	22.5	22.6
106	17.91	5.06E-04	145.87	0.2606	0.02172	0.01841	0.95	719	22.5	22.6
106	17.91	5.00E-04	145.87	0.2574	0.02145	0.01818	0.95	719	22.5	22.6
101.5	17.15	5.03E-04	145.87	0.2375	0.01979	0.01677	0.95	719	22.5	22.6
101.5	17.15	5.09E-04	145.86	0.2404	0.02003	0.01698	0.95	719	22.6	22.6
101.5	17.15	4.96E-04	145.87	0.2345	0.01954	0.01656	0.95	719	22.6	22.6
101.5	17.15	4.84E-04	145.87	0.2286	0.01905	0.01614	0.95	719	22.6	22.6
101.5	17.15	5.15E-04	145.87	0.2434	0.02028	0.01719	0.95	719	22.6	22.6
96.5	16.31	5.34E-04	145.87	0.2281	0.01901	0.01611	0.95	719	22.6	22.6
96.5	16.31	5.06E-04	145.86	0.216	0.01800	0.01526	0.95	719	22.6	22.6
96.5	16.31	5.06E-04	145.86	0.216	0.01800	0.01526	0.95	719	22.6	22.6
96.5	16.31	5.09E-04	145.86	0.2173	0.01811	0.01535	0.95	719	22.6	22.6
96.5	16.31	4.87E-04	145.87	0.2079	0.01733	0.01469	0.95	719	22.6	22.6
92	15.55	4.92E-04	145.87	0.1908	0.01590	0.01348	0.95	719	22.6	22.6
92	15.55	4.92E-04	145.87	0.1908	0.01590	0.01348	0.95	719	22.6	22.7
92	15.55	4.96E-04	145.87	0.1927	0.01606	0.01361	0.95	719	22.6	22.7
92	15.55	5.18E-04	145.86	0.2012	0.01677	0.01421	0.95	719	22.6	22.7
92	15.55	5.18E-04	145.86	0.2012	0.01677	0.01421	0.95	719	22.7	22.7
92	15.55	5.01E-04	145.87	0.1945	0.01621	0.01374	0.95	719	22.7	22.7
92	15.55	5.03E-04	145.87	0.1951	0.01626	0.01378	0.95	718.7	22.7	22.7
92	15.55	5.06E-04	145.87	0.1963	0.01636	0.01387	0.95	718.7	22.7	22.7
92	15.55	5.15E-04	145.86	0.2	0.01667	0.01412	0.95	718.7	22.7	22.7
92	15.55	4.93E-04	145.86	0.1914	0.01595	0.01352	0.95	718.7	22.7	22.7
92	15.55	5.25E-04	145.87	0.2036	0.01697	0.01438	0.95	718.5	22.7	22.7
92	15.55	5.15E-04	145.87	0.2	0.01667	0.01412	0.95	718.5	22.7	22.7
92	15.55	5.14E-04	145.87	0.1994	0.01662	0.01408	0.95	718.5	22.7	22.7
92	15.55	5.14E-04	145.87	0.1994	0.01662	0.01408	0.95	718.5	22.7	22.7
92	15.55	5.14E-04	145.87	0.1994	0.01662	0.01408	0.95	718.5	23	22.7
92	15.55	5.40E-04	145.86	0.2097	0.01748	0.01481	0.95	718.5	23	22.7
92	15.55	5.06E-04	145.87	0.1963	0.01636	0.01387	0.95	718.5	23	22.7
92	15.55	5.06E-04	145.87	0.1963	0.01636	0.01387	0.95	718.5	22.5	22.7
92	15.55	5.18E-04	145.87	0.2012	0.01677	0.01421	0.95	718.5	22.5	22.7
92	15.55	5.18E-04	145.87	0.2012	0.01677	0.01421	0.95	718.5	22.5	22.7
92	15.55	5.18E-04	145.87	0.2012	0.01677	0.01421	0.95	718.5	22.5	22.7
92	15.55	5.18E-04	145.87	0.2012	0.01677	0.01421	0.95	718.7	22.5	22.7
92	15.55	5.07E-04	145.87	0.1969	0.01641	0.01391	0.95	718.7	23	22.7
92	15.55	5.07E-04	145.87	0.1969	0.01641	0.01391	0.95	718.7	23	22.7
92	15.55	5.12E-04	145.86	0.1987	0.01656	0.01404	0.95	718.7	23	22.8
92	15.55	5.12E-04	145.86	0.1987	0.01656	0.01404	0.95	718.7	23	22.8
92	15.55	5.12E-04	145.86	0.1987	0.01656	0.01404	0.95	718.7	23	22.8
92	15.55	5.20E-04	145.87	0.2018	0.01682	0.01425	0.95	718.7	22.7	22.8
92	15.55	5.01E-04	145.87	0.1945	0.01621	0.01374	0.95	718.7	22.7	22.8
92	15.55	5.01E-04	145.87	0.1945	0.01621	0.01374	0.95	718.7	22.7	22.8
87.5	14.79	5.01E-04	145.87	0.1759	0.01466	0.01243	0.95	718.4	22.7	22.8
87.5	14.79	5.22E-04	145.86	0.1831	0.01526	0.01293	0.95	718.4	22.7	22.8
87.5	14.79	4.95E-04	145.86	0.1737	0.01448	0.01227	0.95	718.4	22.9	22.8
87.5	14.79	4.95E-04	145.86	0.1737	0.01448	0.01227	0.95	718.4	22.9	22.8
87.5	14.79	4.93E-04	145.86	0.1732	0.01443	0.01223	0.95	718.4	22.9	22.8
83	14.03	5.04E-04	145.86	0.1593	0.01328	0.01125	0.95	718.4	22.9	23.5
83	14.03	5.04E-04	145.86	0.1593	0.01328	0.01125	0.95	718.4	22.9	23.5
83	14.03	5.12E-04	145.86	0.1618	0.01348	0.01143	0.95	718.4	22.9	23.5
83	14.03	5.03E-04	145.86	0.1588	0.01323	0.01122	0.95	718.4	22.9	23.5
83	14.03	5.03E-04	145.86	0.1588	0.01323	0.01122	0.95	718.4	22.9	23.5

TABLA N° ANEXO C.22: Conductor 2, ACAR 2.59 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
30.8	22	713.5	0.95	93.42	15.79	2.59	0.5942

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	3.10E-01	169.58	218.3164	18.19303	15.42062	0.93	711.3	26	20.6
115	19.43	3.15E-01	168.77	221.0125	18.41771	15.61105	0.93	711.3	26	20.6
115	19.43	3.15E-01	168.72	221.2911	18.44093	15.63073	0.93	711.3	26	20.6
115	19.43	3.15E-01	168.72	221.2889	18.44074	15.63058	0.93	711.3	26	20.6
115	19.43	3.16E-01	168.41	221.0031	18.41693	15.61039	0.93	711.3	25.7	19.7
110.5	18.67	2.67E-01	159.57	163.5313	13.62761	11.55092	0.93	711.3	25.7	19.7
110.5	18.67	2.70E-01	158.59	164.0741	13.67284	11.58925	0.93	711.3	25.7	19.7
110.5	18.67	2.65E-01	160.81	163.3047	13.60873	11.53491	0.93	711.3	25.7	19.7
110.5	18.67	2.67E-01	160.64	164.4731	13.70609	11.61744	0.93	711.3	25.7	19.7
110.5	18.67	2.70E-01	152.9	158.1825	13.18188	11.17311	0.93	711.3	25.6	21.1
106	17.91	2.11E-01	155.79	116.2092	9.68410	8.20835	0.93	711.3	25.6	21.1
106	17.91	2.14E-01	154.44	116.5248	9.71040	8.23064	0.93	711.3	25.6	21.1
106	17.91	2.09E-01	154.74	114.1036	9.50863	8.05962	0.93	711.3	25.6	21.1
106	17.91	2.09E-01	154.74	114.1036	9.50863	8.05962	0.93	711.3	25.6	21.1
106	17.91	2.16E-01	154.28	117.7299	9.81083	8.31577	0.93	711.3	25.5	21.5
101.5	17.15	1.29E-01	149.66	62.2932	5.19110	4.40004	0.93	711.3	25.5	21.5
101.5	17.15	1.36E-01	147.24	64.7562	5.39635	4.57401	0.93	711.3	25.5	21.5
101.5	17.15	1.21E-01	148.86	58.3368	4.86140	4.12058	0.93	711.3	25.5	21.5
101.5	17.15	1.21E-01	148.86	58.3368	4.86140	4.12058	0.93	711.3	25.5	21.5
101.5	17.15	1.16E-01	149.25	56.0296	4.66913	3.95761	0.93	711.3	25.4	21.6
96.5	16.31	4.51E-02	146.52	19.3468	1.61223	1.36655	0.93	711.3	25.4	21.6
96.5	16.31	4.51E-02	146.52	19.3468	1.61223	1.36655	0.93	711.3	25.4	21.6
96.5	16.31	3.81E-02	146.4	16.3182	1.35985	1.15263	0.93	711.3	25.4	21.2
96.5	16.31	5.02E-02	145.43	21.3708	1.78090	1.50951	0.93	711.4	25.4	21.2
96.5	16.31	3.81E-02	146.6	16.3412	1.36177	1.15425	0.93	711.4	25.4	21.2
92	15.55	7.92E-04	146.92	0.3095	0.02579	0.02186	0.93	711.4	25.4	21.2
92	15.55	7.92E-04	146.92	0.3095	0.02579	0.02186	0.93	711.3	25.4	21.1
92	15.55	7.85E-04	146.92	0.307	0.02558	0.02169	0.93	711.3	25.4	21.1
92	15.55	8.04E-04	146.92	0.3144	0.02620	0.02221	0.93	711.3	25.4	21.1
92	15.55	8.04E-04	146.92	0.3144	0.02620	0.02221	0.93	711.2	25.4	21.1
92	15.55	8.04E-04	146.92	0.3145	0.02621	0.02221	0.93	711.2	25.4	21.1
92	15.55	8.04E-04	146.92	0.3145	0.02621	0.02221	0.93	711.2	25.4	21.1
92	15.55	8.26E-04	146.92	0.323	0.02692	0.02281	0.93	711.1	25.4	21.1
92	15.55	8.26E-04	146.92	0.323	0.02692	0.02281	0.93	711.1	25.4	21.1
92	15.55	8.26E-04	146.92	0.323	0.02692	0.02281	0.93	711.1	25.4	21.1
92	15.55	7.92E-04	146.92	0.3095	0.02579	0.02186	0.93	711.1	25.4	21.1
92	15.55	8.04E-04	146.92	0.3144	0.02620	0.02221	0.93	711	25.4	21
92	15.55	7.92E-04	146.92	0.3095	0.02579	0.02186	0.93	711	25.4	21
92	15.55	7.92E-04	146.92	0.3095	0.02579	0.02186	0.93	711	25.4	21
92	15.55	7.79E-04	146.92	0.3046	0.02538	0.02151	0.93	711	25.4	21
92	15.55	7.92E-04	146.92	0.3095	0.02579	0.02186	0.93	711	25.4	21
92	15.55	7.92E-04	146.92	0.3095	0.02579	0.02186	0.93	711	25.4	20.9
92	15.55	7.92E-04	146.92	0.3095	0.02579	0.02186	0.93	710.9	25.4	20.2
92	15.55	8.29E-04	146.92	0.3242	0.02702	0.0229	0.93	710.9	25.4	20.3
92	15.55	8.26E-04	146.92	0.323	0.02692	0.02281	0.93	710.9	25.4	20.4
92	15.55	8.26E-04	146.92	0.323	0.02692	0.02281	0.93	710.9	25.4	21.5
92	15.55	8.11E-04	146.92	0.3169	0.02641	0.02238	0.93	710.9	25.4	21.7
92	15.55	8.48E-04	146.92	0.3316	0.02763	0.02342	0.93	710.8	25.4	21.8
92	15.55	8.42E-04	146.92	0.3291	0.02743	0.02325	0.93	710.8	25.4	22
92	15.55	8.42E-04	146.92	0.3291	0.02743	0.02325	0.93	710.8	25.4	22.2
92	15.55	8.42E-04	146.92	0.3291	0.02743	0.02325	0.93	710.7	25.4	22.3
92	15.55	8.42E-04	146.92	0.3291	0.02743	0.02325	0.93	710.7	25.4	22.5
92	15.55	8.17E-04	146.92	0.3193	0.02661	0.02255	0.93	710.6	25.4	22.5
92	15.55	8.26E-04	146.92	0.323	0.02692	0.02281	0.93	710.6	25.4	22.5
92	15.55	8.26E-04	146.92	0.323	0.02692	0.02281	0.93	710.6	25.4	22.5
87.5	14.79	7.19E-04	146.92	0.2544	0.02120	0.01797	0.94	710.6	25	22.5
87.5	14.79	7.07E-04	146.93	0.25	0.02083	0.01766	0.94	710.6	25	22.5
87.5	14.79	7.07E-04	146.93	0.25	0.02083	0.01766	0.94	710.6	25	22.5
87.5	14.79	7.07E-04	146.93	0.25	0.02083	0.01766	0.94	710.6	25	22.4
87.5	14.79	7.07E-04	146.93	0.25	0.02083	0.01766	0.94	710.6	25	22.4
83	14.03	6.73E-04	146.93	0.2142	0.01785	0.01513	0.93	710.6	25.1	22.4
83	14.03	6.73E-04	146.93	0.2142	0.01785	0.01513	0.93	710.6	25.1	22.4
83	14.03	6.73E-04	146.93	0.2142	0.01785	0.01513	0.93	710.6	25.1	22.4
83	14.03	6.73E-04	146.93	0.2142	0.01785	0.01513	0.93	710.6	25.1	22.3
83	14.03	6.80E-04	146.93	0.2164	0.01803	0.01529	0.93	710.5	25.1	22.3
78.5	13.26	6.11E-04	146.93	0.1739	0.01449	0.01229	0.93	710.5	25.1	22.3
78.5	13.26	6.39E-04	146.93	0.182	0.01517	0.01285	0.93	710.5	25.1	22.3
78.5	13.26	6.31E-04	146.93	0.1797	0.01498	0.0127	0.93	710.5	25.1	22.3
78.5	13.26	6.31E-04	146.93	0.1797	0.01498	0.0127	0.93	710.5	25.1	22.5
78.5	13.26	6.31E-04	146.93	0.1797	0.01498	0.0127	0.94	710.9	25.1	22.5
73.5	12.42	6.31E-04	146.93	0.1576	0.01313	0.01113	0.94	710.9	25.1	22.5
73.5	12.42	6.02E-04	146.93	0.1501	0.01251	0.0106	0.94	710.9	25.1	22.5
73.5	12.42	6.16E-04	146.93	0.1536	0.01280	0.01085	0.94	710.9	25.1	22.5
73.5	12.42	6.16E-04	146.93	0.1536	0.01280	0.01085	0.94	710.9	25.1	22.7
73.5	12.42	6.16E-04	146.93	0.1536	0.01280	0.01085	0.93	710.9	25.7	22.7
69	11.66	6.16E-04	146.93	0.1354	0.01128	0.00956	0.93	710.9	25.7	22.7
69	11.66	6.25E-04	146.93	0.1375	0.01146	0.00971	0.93	710.9	25.7	22.7
69	11.66	6.03E-04	146.93	0.1327	0.01106	0.00937	0.93	710.9	25.7	22.7
69	11.66	6.31E-04	146.93	0.1389	0.01158	0.00981	0.93	710.9	25.7	22.7
69	11.66	6.09E-04	146.93	0.134	0.01117	0.00947	0.93	710.9	25.7	22.7

TABLA N° ANEXO C.23: Conductor 2, ACAR 2.59 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
18.5	21	715.5	0.95	67.04	11.33	2.59	0.4241

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	3.33E-01	169.83	235.0369	19.58641	16.60166	0.95	714.4	21.8	18.8
115	19.43	3.32E-01	169.88	234.797	19.56642	16.58471	0.95	714.4	21.8	18.8
115	19.43	3.36E-01	169.53	236.7112	19.72593	16.71992	0.95	714.4	21.8	18.8
115	19.43	3.29E-01	170.2	232.9895	19.41579	16.45704	0.95	714.4	21.8	18.8
115	19.43	3.28E-01	170.28	232.5414	19.37845	16.42539	0.95	714.4	21.8	18.8
110.5	18.67	2.91E-01	166.02	185.6642	15.47202	13.11426	0.95	714.4	21.9	18.5
110.5	18.67	2.90E-01	165.57	184.2884	15.35737	13.01708	0.95	714.4	21.9	18.5
110.5	18.67	2.92E-01	165.99	185.8051	15.48376	13.12421	0.95	714.4	21.9	18.5
110.5	18.67	2.90E-01	165.56	184.3689	15.36408	13.02276	0.95	714.4	21.9	18.5
110.5	18.67	2.90E-01	165.62	184.4414	15.37012	13.02788	0.95	714.4	21.9	18.5
106	17.91	2.42E-01	162.14	138.6315	11.55263	9.79214	0.95	714.4	21.9	18.1
106	17.91	2.41E-01	162.22	138.1351	11.51126	9.75707	0.95	714.4	21.9	18.1
106	17.91	2.42E-01	162.06	138.3661	11.53051	9.77339	0.95	714.4	21.9	18.1
106	17.91	2.42E-01	162.23	138.5068	11.54223	9.78333	0.95	714.4	21.9	18.1
106	17.91	2.42E-01	162.33	138.597	11.54975	9.7897	0.95	714.4	21.9	18.1
101.5	17.15	1.98E-01	159.15	102.288	8.52400	7.22504	0.95	714.4	21.9	18.1
101.5	17.15	1.98E-01	159.15	102.288	8.52400	7.22504	0.95	714.4	21.9	18.1
101.5	17.15	1.92E-01	159.16	98.9867	8.24889	6.99185	0.95	714.4	21.9	18.1
101.5	17.15	1.85E-01	159.58	95.4825	7.95688	6.74433	0.95	714.4	21.9	18.1
101.5	17.15	1.83E-01	159.58	94.3328	7.86107	6.66313	0.95	714.4	21.9	18.1
96.5	16.31	1.36E-01	156.96	62.6376	5.21980	4.42436	0.95	714.4	21.9	18.9
96.5	16.31	1.40E-01	156.81	64.2347	5.35289	4.53717	0.95	714.4	21.9	18.9
96.5	16.31	1.40E-01	156.81	64.2347	5.35289	4.53717	0.95	714.4	21.9	18.9
96.5	16.31	1.40E-01	156.81	64.2347	5.35289	4.53717	0.95	714.4	21.9	18.9
96.5	16.31	1.37E-01	156.94	62.8835	5.24029	4.44173	0.95	714.4	21.9	18.9
92	15.55	8.83E-02	155.43	36.5337	3.04448	2.58053	0.95	714.4	21.9	18.9
92	15.55	9.52E-02	155.24	39.3171	3.27643	2.77714	0.95	714.4	21.9	18.9
92	15.55	8.87E-02	155.89	36.7969	3.06641	2.59912	0.95	714.4	21.9	18.9
92	15.55	9.13E-02	155.8	37.8318	3.15265	2.67222	0.95	714.4	21.9	18.9
92	15.55	9.07E-02	155.77	37.5887	3.13239	2.65505	0.95	714.4	21.9	18.9
92	15.55	9.89E-02	155.53	40.9259	3.41049	2.89077	0.95	714.4	22.1	18.9
92	15.55	9.89E-02	155.53	40.9259	3.41049	2.89077	0.95	714.4	22.1	18.9
92	15.55	8.90E-02	155.35	36.7874	3.06562	2.59845	0.95	714.4	22.1	18.9
92	15.55	9.43E-02	155.2	38.9444	3.24537	2.75081	0.95	714.4	22.1	18.9
92	15.55	9.93E-02	155.05	40.9842	3.41535	2.89489	0.95	714.4	22.1	18.9
92	15.55	8.80E-02	155.56	36.4287	3.03573	2.57311	0.95	714.4	22.1	18.9
92	15.55	8.37E-02	155.67	34.6885	2.89071	2.4502	0.95	714.4	22.1	18.9
92	15.55	8.37E-02	155.67	34.6885	2.89071	2.4502	0.95	714.4	22.1	18.9
92	15.55	8.58E-02	155.62	35.511	2.95925	2.50829	0.95	714.4	22.1	18.9
92	15.55	8.58E-02	155.62	35.511	2.95925	2.50829	0.95	714.4	22.1	18.9
92	15.55	8.57E-02	155.62	35.4788	2.95657	2.50602	0.95	714.4	22.1	19.9
92	15.55	8.39E-02	155.88	34.7804	2.89837	2.45669	0.95	714.4	22.1	19.9
92	15.55	8.38E-02	155.88	34.7447	2.89539	2.45416	0.95	714.4	22.1	19.9
92	15.55	8.38E-02	156.07	34.7857	2.89881	2.45706	0.95	714.4	22.1	19.9
92	15.55	9.50E-02	155.62	39.3308	3.27757	2.7781	0.95	714.4	22.1	19.9
92	15.55	8.83E-02	155.81	36.6172	3.05143	2.58643	0.95	714.4	22.3	19.9
92	15.55	8.83E-02	155.44	36.5299	3.04416	2.58027	0.95	714.4	22.3	19.9
92	15.55	1.02E-01	155.51	42.0545	3.50454	2.97049	0.95	714.4	22.3	19.9
92	15.55	8.78E-02	156.15	36.4838	3.04032	2.577	0.95	714.4	22.3	19.9
92	15.55	8.60E-02	155.84	35.658	2.97150	2.51867	0.95	714.4	22.3	19.9
92	15.55	8.60E-02	155.84	35.658	2.97150	2.51867	0.95	714.4	22.3	18.9
92	15.55	8.60E-02	155.84	35.658	2.97150	2.51867	0.95	714.4	22.3	18.9
92	15.55	8.40E-02	155.89	34.8553	2.90461	2.46198	0.95	714.4	22.3	18.9
92	15.55	8.40E-02	156.01	34.8808	2.90673	2.46378	0.95	714.4	22.3	18.9
92	15.55	8.69E-02	155.93	36.0372	3.00310	2.54546	0.95	714.4	22.3	18.9
87.5	14.79	5.74E-02	154.77	21.3814	1.78178	1.51026	0.95	714.2	22.5	18.9
87.5	14.79	5.98E-02	154.73	22.2762	1.85635	1.57346	0.95	714.2	22.5	18.9
87.5	14.79	5.70E-02	155.06	21.2743	1.77286	1.5027	0.95	714.2	22.5	18.9
87.5	14.79	5.67E-02	154.61	21.107	1.75892	1.49087	0.95	714.2	22.5	18.9
87.5	14.79	5.67E-02	154.61	21.107	1.75892	1.49087	0.95	714.2	22.5	18.9
83	14.03	3.29E-02	154.57	11.0049	0.91708	0.77732	0.95	714.2	22.5	18.9
83	14.03	3.30E-02	154.57	11.0364	0.91970	0.77955	0.95	714.2	22.5	18.9
83	14.03	3.38E-02	154.56	11.3147	0.94289	0.79921	0.95	714.2	22.5	18.9
83	14.03	3.28E-02	155.05	11.0225	0.91854	0.77858	0.95	714.2	22.5	18.9
83	14.03	3.28E-02	154.9	11.0012	0.91677	0.77706	0.95	714.2	22.5	18.9
78.5	13.26	1.87E-02	154.78	5.6202	0.46835	0.39698	0.95	714.2	22.5	19.2
78.5	13.26	1.97E-02	154.78	5.912	0.49267	0.41759	0.95	714.2	22.5	19.2
78.5	13.26	1.90E-02	154.78	5.6861	0.47384	0.40163	0.95	714.2	22.5	19.2
78.5	13.26	1.98E-02	154.78	5.9403	0.49503	0.41959	0.95	714.2	22.5	19.2
78.5	13.26	1.92E-02	154.78	5.7515	0.47929	0.40626	0.95	714.2	22.5	19.2
73.5	12.42	1.01E-02	154.96	2.6669	0.22224	0.18837	0.95	714.2	22.5	19
73.5	12.42	1.01E-02	154.96	2.6669	0.22224	0.18837	0.95	714.2	22.5	19
73.5	12.42	1.05E-02	154.96	2.7578	0.22982	0.1948	0.95	714.2	22.5	19
73.5	12.42	1.04E-02	154.96	2.7254	0.22712	0.19251	0.95	714.2	22.5	19
73.5	12.42	1.07E-02	154.96	2.8163	0.23469	0.19893	0.95	713.8	22.5	19
69	11.66	6.68E-03	154.71	1.5464	0.12887	0.10923	0.95	713.8	22.5	18.9
69	11.66	6.68E-03	154.72	1.5464	0.12887	0.10923	0.95	713.8	22.5	18.9
69	11.66	6.65E-03	154.72	1.5389	0.12824	0.1087	0.95	713.8	22.5	18.9
69	11.66	6.65E-03	154.72	1.5389	0.12824	0.1087	0.95	713.8	22.5	18.9
69	11.66	6.56E-03	154.72	1.5201	0.12668	0.10737	0.95	713.8	22.5	18.9

TABLA N° ANEXO C.24: Conductor 2, ACAR 2.59 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
20.5	21.5	714.2	0.95	31.67	5.35	2.59	0.201

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
115	19.43	6.28E-01	235.91	615.4872	51.29060	43.47449	0.95	714.2	20.7	20
115	19.43	6.28E-01	235.79	615.1637	51.26364	43.45164	0.95	714.2	20.7	20
115	19.43	6.28E-01	235.79	615.1569	51.26308	43.45116	0.95	714.2	20.7	20
115	19.43	6.28E-01	235.68	615.5305	51.29421	43.47755	0.95	714.2	20.7	20
115	19.43	6.28E-01	236.17	616.253	51.35442	43.52858	0.95	714.2	20.7	20
110.5	18.67	6.14E-01	232.1	547.3366	45.61138	38.66072	0.95	714.2	20.7	20.4
110.5	18.67	6.15E-01	231.86	547.791	45.64925	38.69282	0.95	714.2	20.7	20.4
110.5	18.67	6.14E-01	232.7	548.3129	45.69274	38.72968	0.95	714.2	20.7	20.4
110.5	18.67	6.14E-01	232.42	547.4358	45.61965	38.66773	0.95	714.2	20.7	20.4
110.5	18.67	6.14E-01	232.72	548.3871	45.69893	38.73492	0.95	714.2	20.7	20.4
106	17.91	5.98E-01	227.8	480.8032	40.06693	33.96119	0.95	714.2	20.5	20.1
106	17.91	5.98E-01	227.73	480.6526	40.05438	33.95055	0.95	714.2	20.5	20.1
106	17.91	5.99E-01	227.21	480.6	40.05000	33.94683	0.95	714.2	20.5	20.1
106	17.91	5.98E-01	227.79	481.5171	40.12643	34.01161	0.95	714.2	20.5	20.1
106	17.91	5.98E-01	227.57	480.5942	40.04952	33.94642	0.95	714.2	20.5	20.1
101.5	17.15	5.89E-01	223.7	426.719	35.55992	30.14099	0.95	714.2	20.5	19.8
101.5	17.15	5.89E-01	223.6	426.5398	35.54498	30.12833	0.95	714.2	20.5	19.8
101.5	17.15	5.89E-01	223.48	426.2286	35.51905	30.10635	0.95	714.2	20.5	19.8
101.5	17.15	5.89E-01	223.52	426.3918	35.53265	30.11788	0.95	714.2	20.5	19.8
101.5	17.15	5.89E-01	223.54	426.7041	35.55868	30.13994	0.95	714.5	20.5	19.8
96.5	16.31	5.73E-01	218.68	366.5392	30.54493	25.89023	0.96	714.5	20.1	20
96.5	16.31	5.72E-01	218.85	366.2462	30.52052	25.86953	0.96	714.5	20.1	20
96.5	16.31	5.72E-01	218.77	366.3895	30.53246	25.87965	0.96	714.5	20.1	20
96.5	16.31	5.72E-01	218.75	366.4302	30.53585	25.88253	0.96	714.5	20.1	20
96.5	16.31	5.72E-01	218.57	366.058	30.50483	25.85624	0.96	714.5	20.1	20
92	15.55	5.59E-01	215.11	319.7118	26.64265	22.58261	0.96	714.5	20.1	20
92	15.55	5.63E-01	213.89	320.4011	26.70009	22.6313	0.96	714.5	20.1	20
92	15.55	5.62E-01	214.06	320.1225	26.67688	22.61162	0.96	714.5	20.1	20
92	15.55	5.62E-01	214.03	320.0102	26.66752	22.60368	0.96	714.5	20.1	20
92	15.55	5.62E-01	213.98	320.0957	26.67464	22.60973	0.96	714.5	20.1	20
92	15.55	5.63E-01	214.21	320.9048	26.74207	22.66688	0.96	714.5	20.1	20.5
92	15.55	5.63E-01	214	320.4854	26.70712	22.63726	0.96	714.5	20.1	20.5
92	15.55	5.63E-01	214.28	320.9042	26.74202	22.66684	0.96	714.5	20.1	20.5
92	15.55	5.63E-01	214.28	320.9042	26.74202	22.66684	0.96	714.5	20.1	20.5
92	15.55	5.60E-01	214.77	320.121	26.67675	22.61151	0.96	714.5	20.1	20.5
92	15.55	5.58E-01	215.08	319.156	26.59633	22.54335	0.96	714.5	19.8	20.5
92	15.55	5.58E-01	215.31	319.4866	26.62388	22.5667	0.96	714.5	19.8	20.5
92	15.55	5.58E-01	214.86	318.8188	26.56823	22.51953	0.96	714.5	19.8	20.5
92	15.55	5.60E-01	214.62	319.7634	26.64695	22.58625	0.96	714.5	19.8	20.5
92	15.55	5.60E-01	214.4	319.3249	26.61041	22.55528	0.96	714.5	19.8	20.5
92	15.55	5.63E-01	214.09	320.724	26.72700	22.65411	0.96	714.5	19.8	20.2
92	15.55	5.63E-01	214.19	320.9114	26.74262	22.66734	0.96	714.5	19.8	20.2
92	15.55	5.58E-01	215.09	319.4511	26.62093	22.56419	0.96	714.5	19.8	20.2
92	15.55	5.61E-01	214.66	320.3967	26.69973	22.63099	0.96	714.5	19.8	20.2
92	15.55	5.63E-01	213.77	320.0417	26.67014	22.60592	0.96	714.5	19.8	20.2
92	15.55	5.61E-01	214.62	320.2547	26.68789	22.62096	0.96	714.7	19.7	20.4
92	15.55	5.60E-01	214.36	319.3679	26.61399	22.55832	0.96	714.7	19.7	20.4
92	15.55	5.59E-01	215	319.7474	26.64562	22.58512	0.96	714.7	19.7	20.4
92	15.55	5.61E-01	214.57	320.5526	26.71272	22.642	0.96	714.7	19.7	20.4
92	15.55	5.61E-01	214.57	320.5526	26.71272	22.642	0.96	714.7	19.7	20.4
92	15.55	5.61E-01	214.25	320.0651	26.67209	22.60757	0.96	714.7	19.7	21
92	15.55	5.61E-01	214.61	320.3203	26.69336	22.62559	0.96	714.7	19.7	21
92	15.55	5.63E-01	214.22	320.847	26.73725	22.66279	0.96	714.7	19.7	21
92	15.55	5.58E-01	214.98	319.2149	26.60124	22.54751	0.96	714.7	19.7	21
92	15.55	5.61E-01	214.32	319.6369	26.63641	22.57732	0.96	714.7	19.7	21
87.5	14.79	5.42E-01	209.07	272.5701	22.71418	19.25279	0.96	714.7	19.7	21
87.5	14.79	5.44E-01	208.96	273.3939	22.78283	19.31098	0.96	714.7	19.7	21
87.5	14.79	5.42E-01	209.16	273.0791	22.75659	19.28875	0.96	714.7	19.7	21
87.5	14.79	5.42E-01	209.17	273.0802	22.75668	19.28882	0.96	714.7	19.7	21
87.5	14.79	5.42E-01	208.9	272.446	22.70383	19.24403	0.96	714.7	19.7	21
83	14.03	5.28E-01	204.49	233.7969	19.48308	16.51407	0.96	714.7	19.7	20.5
83	14.03	5.27E-01	204.65	233.7247	19.47706	16.50898	0.96	714.7	19.7	20.5
83	14.03	5.27E-01	204.65	233.7247	19.47706	16.50898	0.96	714.7	19.7	20.5
83	14.03	5.27E-01	204.74	233.8475	19.48729	16.51765	0.96	714.7	19.7	20.5
83	14.03	5.27E-01	204.49	233.5566	19.46305	16.4971	0.96	714.7	19.7	20.5
78.5	13.26	5.06E-01	199.92	196.0347	16.33623	13.84677	0.96	714.7	19.7	20.5
78.5	13.26	5.07E-01	199.8	196.2089	16.35074	13.85907	0.96	714.7	19.7	20.5
78.5	13.26	5.06E-01	199.92	196.0341	16.33618	13.84672	0.96	714.7	19.7	20.5
78.5	13.26	5.07E-01	199.6	196.1503	16.34586	13.85493	0.96	714.7	19.7	20.5
78.5	13.26	5.07E-01	199.69	196.0122	16.33435	13.84518	0.96	715	19.7	20.5
73.5	12.42	4.83E-01	193.47	158.5599	13.21333	11.19977	0.96	715	19.6	21.2
73.5	12.42	4.83E-01	193.45	158.5985	13.21654	11.20249	0.96	715	19.6	21.2
73.5	12.42	4.82E-01	193.69	158.5944	13.21620	11.2022	0.96	715	19.6	21.2
73.5	12.42	4.81E-01	193.88	158.4471	13.20393	11.1918	0.96	715	19.6	21.2
73.5	12.42	4.81E-01	193.91	158.4046	13.20038	11.18879	0.96	715	19.6	21.2
69	11.66	4.63E-01	188.99	130.885	10.90708	9.24497	0.96	715	19.6	20.5
69	11.66	4.64E-01	188.57	131.0907	10.92423	9.2595	0.96	715	19.6	20.5
69	11.66	4.64E-01	188.45	131.0078	10.91732	9.25364	0.96	715	19.6	20.5
69	11.66	4.65E-01	188.51	131.1034	10.92528	9.26039	0.96	715	19.6	20.5
69	11.66	4.65E-01	188.29	130.9989	10.91658	9.25301	0.96	715	19.6	20.5

TABLA N° ANEXO C.25: Conductor 3, ACAR 2x2.59 cm.

Muestra 1. Configuración doble. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
35.4	24	719.8	0.95	154	22.18	2.59	0.8333

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
111	15.99	1.82E-05	234.3	0.0165	0.00138	0.00097	0.92	714.2	30.4	12.6
111	15.99	1.82E-05	234.3	0.0165	0.00138	0.00097	0.92	714.2	30.4	12.6
111	15.99	2.48E-05	234.3	0.0225	0.00188	0.00133	0.92	714.2	30.4	12.6
111	15.99	2.45E-05	234.3	0.0222	0.00185	0.00131	0.92	714.2	30.4	12.6
111	15.99	2.48E-05	234.3	0.0225	0.00188	0.00133	0.92	714.2	30.4	12.6
107	15.41	2.67E-05	234.29	0.0225	0.00188	0.00133	0.92	714.2	30.5	11.8
107	15.41	2.67E-05	234.29	0.0225	0.00188	0.00133	0.92	714.2	30.5	11.8
107	15.41	2.61E-05	234.29	0.022	0.00183	0.0013	0.92	714.2	30.5	11.8
107	15.41	2.17E-05	234.29	0.0183	0.00152	0.00108	0.92	714.2	30.5	11.8
107	15.41	2.17E-05	234.29	0.0183	0.00152	0.00108	0.92	713.5	30.8	11.8
103	14.83	2.14E-05	234.29	0.0167	0.00139	0.00098	0.92	713.5	30.8	11.8
103	14.83	2.14E-05	234.29	0.0167	0.00139	0.00098	0.92	713.5	30.8	11.8
103	14.83	2.04E-05	234.29	0.016	0.00133	0.00094	0.92	713.5	30.8	11.8
103	14.83	2.04E-05	234.29	0.016	0.00133	0.00094	0.92	713.5	30.8	11.8
103	14.83	2.14E-05	234.29	0.0167	0.00139	0.00098	0.92	713.5	30.8	11.8
99	14.26	2.20E-05	234.29	0.0159	0.00132	0.00094	0.92	713.5	30.8	11.8
99	14.26	2.20E-05	234.29	0.0159	0.00132	0.00094	0.92	713.5	30.8	11.8
99	14.26	2.26E-05	234.29	0.0163	0.00136	0.00096	0.92	713.5	30.8	11.8
99	14.26	2.26E-05	234.29	0.0163	0.00136	0.00096	0.92	713.5	30.8	11.8
99	14.26	2.20E-05	234.29	0.0159	0.00132	0.00094	0.92	713.5	30.8	11.6
95	13.68	2.04E-05	234.29	0.0136	0.00113	0.0008	0.92	713.5	30.8	11.6
95	13.68	2.26E-05	234.29	0.015	0.00125	0.00089	0.92	713.5	30.8	11.6
95	13.68	2.26E-05	234.29	0.015	0.00125	0.00089	0.92	713.5	30.8	11.6
95	13.68	2.26E-05	234.29	0.015	0.00125	0.00089	0.92	713.5	30.8	11.6
95	13.68	2.26E-05	234.29	0.015	0.00125	0.00089	0.92	713.5	30.8	11.6
91	13.11	2.54E-05	234.29	0.0155	0.00129	0.00091	0.92	713.5	30.8	11.6
91	13.11	2.45E-05	234.29	0.0149	0.00125	0.00088	0.92	713.5	30.8	11.6
91	13.11	2.45E-05	234.29	0.0149	0.00125	0.00088	0.92	713.5	30.8	11.6
91	13.11	2.36E-05	234.29	0.0144	0.0012	0.00085	0.92	713.5	30.8	11.6
91	13.11	2.20E-05	234.29	0.0134	0.00112	0.00079	0.92	713.5	30.8	11.5
87	12.53	2.23E-05	234.29	0.0124	0.00104	0.00073	0.92	713.5	30.8	11.5
87	12.53	2.36E-05	234.29	0.0131	0.00109	0.00077	0.92	713.5	30.8	11.5
87	12.53	2.58E-05	234.28	0.0144	0.0012	0.00085	0.92	713.5	30.8	11.5
87	12.53	2.58E-05	234.28	0.0144	0.0012	0.00085	0.92	713.5	30.8	11.5
87	12.53	2.26E-05	234.28	0.0126	0.00105	0.00074	0.92	713.5	30.5	11.5
83	11.95	2.58E-05	234.28	0.0131	0.00109	0.00077	0.92	713.5	30.5	11.5
83	11.95	2.58E-05	234.28	0.0131	0.00109	0.00077	0.92	713.5	30.5	11.5
83	11.95	2.20E-05	234.28	0.0112	0.00093	0.00066	0.92	713.5	30.5	11.5
83	11.95	2.20E-05	234.28	0.0112	0.00093	0.00066	0.92	713.5	30.5	11.5
83	11.95	2.67E-05	234.28	0.0135	0.00113	0.0008	0.92	713.5	30.5	11.6
79	11.38	2.48E-05	234.28	0.0114	0.00095	0.00067	0.92	713.5	30.5	11.6
79	11.38	2.36E-05	234.28	0.0108	0.0009	0.00064	0.92	713.5	30.5	11.6
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.5	11.6
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.5	11.6
79	11.38	2.51E-05	234.28	0.0116	0.00096	0.00068	0.92	713.5	30.5	11.6
79	11.38	2.51E-05	234.28	0.0116	0.00096	0.00068	0.92	713.5	30.5	11.6
79	11.38	2.51E-05	234.28	0.0116	0.00096	0.00068	0.92	713.5	30.5	11.6
79	11.38	2.58E-05	234.28	0.0118	0.00099	0.0007	0.92	713.5	30.5	11.6
79	11.38	2.58E-05	234.28	0.0118	0.00099	0.0007	0.92	713.5	30.5	11.6
79	11.38	2.58E-05	234.28	0.0118	0.00099	0.0007	0.92	713.5	30.4	11.2
79	11.38	2.58E-05	234.28	0.0118	0.00099	0.0007	0.92	713.5	30.4	11.2
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.4	11.2
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.4	11.2
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.4	11.2
79	11.38	2.28E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.4	11.2
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.4	11.2
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.5	11.4
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.5	11.4
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.5	11.4
79	11.38	2.26E-05	234.28	0.0104	0.00087	0.00061	0.92	713.5	30.5	11.4
79	11.38	2.83E-05	234.28	0.013	0.00108	0.00077	0.92	713.5	30.5	11.4
79	11.38	2.83E-05	234.28	0.013	0.00108	0.00077	0.92	713.5	30.5	11.4
79	11.38	2.83E-05	234.28	0.013	0.00108	0.00077	0.92	713.5	30.5	11.4
79	11.38	2.67E-05	234.28	0.0123	0.00102	0.00072	0.92	713.5	30.4	11.4
79	11.38	2.67E-05	234.28	0.0123	0.00102	0.00072	0.92	713.5	30.4	11.4
79	11.38	2.83E-05	234.28	0.013	0.00108	0.00077	0.92	713.5	30.4	11.4
79	11.38	2.83E-05	234.28	0.013	0.00108	0.00077	0.92	713.5	30.4	11.4
79	11.38	2.89E-05	234.28	0.0133	0.00111	0.00078	0.92	713.5	30.4	11.4
79	11.38	2.39E-05	234.28	0.011	0.00091	0.00065	0.92	713.5	30.4	11.4
79	11.38	2.39E-05	234.28	0.011	0.00091	0.00065	0.92	713.5	30.4	11.3
75	10.8	2.20E-05	234.27	0.0091	0.00076	0.00054	0.92	713.5	30.4	11.3
75	10.8	2.20E-05	234.27	0.0091	0.00076	0.00054	0.92	713.5	30.4	11.3
75	10.8	2.20E-05	234.27	0.0091	0.00076	0.00054	0.92	713.5	30.4	11.3
75	10.8	2.51E-05	234.27	0.0104	0.00087	0.00061	0.92	713.5	30.4	11.3
75	10.8	2.51E-05	234.27	0.0104	0.00087	0.00061	0.92	713.5	30.4	11.3
71	10.22	2.23E-05	234.27	0.0083	0.00069	0.00049	0.92	713.5	30.4	11.3
71	10.22	2.23E-05	234.27	0.0083	0.00069	0.00049	0.92	713.5	30.4	11.3
71	10.22	2.23E-05	234.27	0.0083	0.00069	0.00049	0.92	713.5	30.4	11.3
71	10.22	2.23E-05	234.27	0.0083	0.00069	0.00049	0.92	713.5	30.4	11.3
71	10.22	2.23E-05	234.27	0.0083	0.00069	0.00049	0.92	713.5	30.4	11.5

TABLA N° ANEXO C.26: Conductor 3, ACAR 2x2.59 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
18	28.9	716.6	0.93	112.8	16.24	2.59	0.6218

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
99	14.26	1.85E-04	236.49	0.1351	0.01125	0.00796	0.92	714.8	32.3	18.5
99	14.26	1.88E-04	236.5	0.1374	0.01145	0.00809	0.92	714.8	32.3	18.5
99	14.26	1.88E-04	236.5	0.1374	0.01145	0.00809	0.92	714.8	32.3	18.5
99	14.26	1.70E-04	236.5	0.1236	0.0103	0.00729	0.92	714.8	32.3	18.5
99	14.26	1.70E-04	236.5	0.1236	0.0103	0.00729	0.92	714.8	32.3	18.5
95	13.68	1.63E-04	236.5	0.1096	0.00913	0.00646	0.92	714.8	32.4	18.5
95	13.68	1.54E-04	236.5	0.1033	0.00861	0.00609	0.92	714.8	32.4	18.5
95	13.68	1.60E-04	236.5	0.1075	0.00896	0.00634	0.92	714.8	32.4	18.5
95	13.68	1.60E-04	236.5	0.1075	0.00896	0.00634	0.92	714.8	32.4	18.5
95	13.68	1.60E-04	236.5	0.1075	0.00896	0.00634	0.92	714.8	32.4	18.5
91	13.11	1.51E-04	236.5	0.0928	0.00774	0.00547	0.92	714.8	32.4	18.5
91	13.11	1.51E-04	236.5	0.0928	0.00774	0.00547	0.92	714.8	32.4	18.5
91	13.11	1.57E-04	236.5	0.0967	0.00806	0.0057	0.92	714.8	32.4	18.5
91	13.11	1.57E-04	236.5	0.0967	0.00806	0.0057	0.92	714.8	32.4	18.5
91	13.11	1.48E-04	236.5	0.0909	0.00758	0.00536	0.92	714.8	32.4	18.5
87	12.53	1.60E-04	236.49	0.0902	0.00751	0.00531	0.92	714.8	32.4	18.5
87	12.53	1.41E-04	236.49	0.0796	0.00663	0.00469	0.92	714.8	32.4	18.5
87	12.53	1.41E-04	236.5	0.0796	0.00663	0.00469	0.92	714.8	32.4	18.5
87	12.53	1.41E-04	236.5	0.0796	0.00663	0.00469	0.92	714.8	32.4	18.5
87	12.53	1.41E-04	236.5	0.0796	0.00663	0.00469	0.92	714.8	32.4	18.5
83	11.95	1.51E-04	236.49	0.0772	0.00644	0.00455	0.92	714.8	32.7	18.8
83	11.95	1.51E-04	236.49	0.0772	0.00644	0.00455	0.92	714.8	32.7	18.8
83	11.95	1.41E-04	236.5	0.0724	0.00603	0.00427	0.92	714.8	32.7	18.8
83	11.95	1.43E-04	236.49	0.0732	0.0061	0.00431	0.92	714.8	32.7	18.8
83	11.95	1.51E-04	236.49	0.0772	0.00644	0.00455	0.92	714.8	32.7	18.8
79	11.38	1.49E-04	236.49	0.0692	0.00577	0.00408	0.92	714.8	32.7	18.7
79	11.38	1.48E-04	236.49	0.0685	0.00571	0.00404	0.92	714.8	32.7	18.7
79	11.38	1.48E-04	236.49	0.0685	0.00571	0.00404	0.92	714.8	32.7	18.7
79	11.38	1.45E-04	236.5	0.0671	0.00559	0.00395	0.92	714.8	32.7	18.7
79	11.38	1.45E-04	236.5	0.0671	0.00559	0.00395	0.92	714.8	32.7	18.7
79	11.38	1.54E-04	236.49	0.0714	0.00595	0.00421	0.92	714.9	32.7	18.7
79	11.38	1.49E-04	236.49	0.0692	0.00577	0.00408	0.92	714.9	32.7	18.7
79	11.38	1.49E-04	236.49	0.0692	0.00577	0.00408	0.92	714.9	32.7	18.7
79	11.38	1.51E-04	236.49	0.07	0.00583	0.00412	0.92	714.9	32.7	18.7
79	11.38	1.51E-04	236.49	0.07	0.00583	0.00412	0.92	714.9	32.7	18.7
79	11.38	1.51E-04	236.49	0.07	0.00583	0.00412	0.92	714.9	32.7	18.7
79	11.38	1.51E-04	236.49	0.07	0.00583	0.00412	0.92	714.5	32.9	18.6
79	11.38	1.54E-04	236.49	0.0714	0.00595	0.00421	0.92	714.5	32.9	18.6
79	11.38	1.48E-04	236.49	0.0685	0.00571	0.00404	0.92	714.5	32.9	18.6
79	11.38	1.48E-04	236.49	0.0685	0.00571	0.00404	0.92	714.5	32.9	18.6
79	11.38	1.48E-04	236.49	0.0685	0.00571	0.00404	0.92	714.5	32.9	18.6
79	11.38	1.54E-04	236.49	0.0714	0.00595	0.00421	0.92	714.5	32.9	18.5
79	11.38	1.51E-04	236.49	0.07	0.00583	0.00412	0.92	714.5	32.9	18.5
79	11.38	1.43E-04	236.5	0.0663	0.00553	0.00391	0.92	714.5	32.9	18.5
79	11.38	1.51E-04	236.49	0.07	0.00583	0.00412	0.92	714.5	32.9	18.5
79	11.38	1.43E-04	236.5	0.0663	0.00553	0.00391	0.92	714.5	32.9	18.5
79	11.38	1.43E-04	236.5	0.0663	0.00553	0.00391	0.92	714.5	32.9	18.5
79	11.38	1.43E-04	236.5	0.0663	0.00553	0.00391	0.92	714.5	32.9	18.5
79	11.38	1.43E-04	236.5	0.0663	0.00553	0.00391	0.92	714.5	32.9	18.5
79	11.38	1.51E-04	236.49	0.07	0.00583	0.00412	0.92	714.5	32.9	18.5
79	11.38	1.46E-04	236.49	0.0678	0.00565	0.00399	0.92	714.5	32.9	18.5
79	11.38	1.46E-04	236.49	0.0678	0.00565	0.00399	0.92	714.5	32.9	18.5
79	11.38	1.46E-04	236.49	0.0678	0.00565	0.00399	0.92	714.5	33.1	18.2
79	11.38	1.46E-04	236.49	0.0678	0.00565	0.00399	0.92	714.5	33.1	18.2
79	11.38	1.46E-04	236.5	0.0678	0.00565	0.00399	0.92	714.5	33.1	18.2
75	10.8	1.46E-04	236.49	0.0611	0.00509	0.0036	0.92	714.5	33.1	18.2
75	10.8	1.48E-04	236.49	0.0617	0.00515	0.00364	0.92	714.5	33.1	18.2
75	10.8	1.48E-04	236.49	0.0617	0.00515	0.00364	0.92	714.5	33.1	18
75	10.8	1.48E-04	236.49	0.0617	0.00515	0.00364	0.92	714.5	33.1	18
75	10.8	1.38E-04	236.49	0.0578	0.00482	0.00341	0.92	714.5	33.1	18
71	10.22	1.35E-04	236.49	0.0506	0.00422	0.00298	0.92	714.5	33.1	18
71	10.22	1.46E-04	236.49	0.0547	0.00456	0.00323	0.92	714.5	33.1	18
71	10.22	1.49E-04	236.49	0.0559	0.00466	0.0033	0.91	714.5	33.2	17.9
71	10.22	1.38E-04	236.49	0.0518	0.00432	0.00305	0.91	714.5	33.2	17.9
71	10.22	1.38E-04	236.49	0.0518	0.00432	0.00305	0.91	714.5	33.2	17.9
67.5	9.72	1.39E-04	236.49	0.0472	0.00394	0.00278	0.91	714.5	33.2	17.9
67.5	9.72	1.49E-04	236.49	0.0505	0.00421	0.00298	0.91	714.5	33.2	17.9
67.5	9.72	1.46E-04	236.49	0.0495	0.00412	0.00292	0.91	714.3	33.3	17.6
67.5	9.72	1.46E-04	236.49	0.0495	0.00412	0.00292	0.91	714.3	33.3	17.6
67.5	9.72	1.51E-04	236.49	0.0511	0.00426	0.00301	0.91	714.3	33.3	17.6
63.5	9.14	1.51E-04	236.49	0.0452	0.00377	0.00266	0.91	714.3	33.3	17.6
63.5	9.14	1.48E-04	236.49	0.0443	0.00369	0.00261	0.91	714.3	33.3	17.6
63.5	9.14	1.48E-04	236.49	0.0443	0.00369	0.00261	0.91	714.3	33.3	17.4
63.5	9.14	1.38E-04	236.49	0.0414	0.00345	0.00244	0.91	714.3	33.3	17.4
63.5	9.14	1.38E-04	236.49	0.0414	0.00345	0.00244	0.91	714.3	33.3	17.4
59.5	8.57	1.38E-04	236.48	0.0364	0.00303	0.00214	0.91	714.3	33.3	17.4
59.5	8.57	1.30E-04	236.49	0.0343	0.00286	0.00202	0.91	714.3	33.3	17.4
59.5	8.57	1.30E-04	236.49	0.0343	0.00286	0.00202	0.91	714.3	33.3	17.4
59.5	8.57	1.30E-04	236.49	0.0343	0.00286	0.00202	0.91	714.3	33.3	17.4
59.5	8.57	1.38E-04	236.49	0.0364	0.00303	0.00214	0.91	714.3	33.3	17.4

TABLA N° ANEXO C.27: Conductor 3, ACAR 2x2.59 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
30.6	32.3	710.1	0.91	72.4	10.43	2.59	0.4064

Pérdidas por efecto Corona en la Muestra 1

U [kV]	E [kV/cm]	tg δ	Cx_p [pF]	Pe [W]	Per [W/m]	Pe_{60} [W/m]	RAD	p [mmHg]	t [°C]	H %
99	14.26	2.61E-02	244.08	19.6099	1.63415	1.15571	0.95	721.8	25.9	21.6
99	14.26	2.61E-02	244.08	19.6099	1.63415	1.15571	0.95	721.8	25.9	21.6
99	14.26	2.61E-02	244.05	19.6382	1.63652	1.15739	0.95	721.8	25.9	21.6
99	14.26	2.61E-02	244.05	19.6382	1.63652	1.15739	0.95	721.8	25.9	21.6
99	14.26	2.61E-02	244.07	19.5946	1.63288	1.15481	0.95	721.8	26	22.1
95	13.68	1.30E-02	244.19	9.0392	0.75327	0.53273	0.95	721.8	26	22.1
95	13.68	1.30E-02	244.19	9.0392	0.75327	0.53273	0.95	721.8	26	22.2
95	13.68	1.31E-02	244.19	9.0827	0.75689	0.53529	0.95	721.8	26	22.2
95	13.68	1.31E-02	244.18	9.0824	0.75687	0.53527	0.95	721.8	26	22.2
95	13.68	1.31E-02	244.18	9.0824	0.75687	0.53527	0.95	721.8	26	22.2
91	13.11	7.05E-03	244.21	4.4819	0.37349	0.26414	0.95	722	26	22.2
91	13.11	7.10E-03	244.2	4.5156	0.3763	0.26613	0.95	722	26	22.2
91	13.11	7.10E-03	244.2	4.5156	0.3763	0.26613	0.95	722	26	22.2
91	13.11	7.09E-03	244.22	4.5079	0.37566	0.26568	0.95	722	26	22.2
91	13.11	7.09E-03	244.22	4.5079	0.37566	0.26568	0.95	722	26	22.2
87	12.53	3.71E-03	244.23	2.1579	0.17983	0.12718	0.95	722	26	22.2
87	12.53	3.71E-03	244.23	2.1579	0.17983	0.12718	0.95	722	26	22.2
87	12.53	3.71E-03	244.23	2.1579	0.17983	0.12718	0.95	722	26	22.4
87	12.53	3.71E-03	244.23	2.1579	0.17983	0.12718	0.95	722	26	22.4
87	12.53	3.71E-03	244.23	2.1579	0.17983	0.12718	0.95	722	26	22.4
83	11.95	2.16E-03	244.23	1.1399	0.09499	0.06718	0.95	722	26	22.4
83	11.95	2.16E-03	244.23	1.1399	0.09499	0.06718	0.95	722	26	22.4
83	11.95	2.16E-03	244.23	1.1399	0.09499	0.06718	0.95	722	26	22.3
83	11.95	2.16E-03	244.23	1.1399	0.09499	0.06718	0.95	722	26	22.3
83	11.95	2.16E-03	244.23	1.1399	0.09499	0.06718	0.95	722	26	22.5
79	11.38	1.28E-03	244.23	0.6157	0.05131	0.03629	0.95	722	26	22.5
79	11.38	1.28E-03	244.23	0.6157	0.05131	0.03629	0.95	722	26	22.5
79	11.38	1.31E-03	244.23	0.6262	0.05219	0.03691	0.95	722	26	22.5
79	11.38	1.31E-03	244.23	0.6262	0.05219	0.03691	0.95	722	26	22.5
79	11.38	1.31E-03	244.23	0.6262	0.05219	0.03691	0.95	722	25.9	22.5
79	11.38	1.31E-03	244.23	0.6262	0.05219	0.03691	0.95	722	25.9	22.5
79	11.38	1.31E-03	244.24	0.6263	0.05219	0.03691	0.95	722	25.9	22.5
79	11.38	1.31E-03	244.24	0.6263	0.05219	0.03691	0.95	722	25.9	22.5
79	11.38	1.33E-03	244.23	0.6383	0.05319	0.03762	0.95	722	25.9	22.5
79	11.38	1.33E-03	244.23	0.6383	0.05319	0.03762	0.95	722	25.9	23
79	11.38	1.35E-03	244.23	0.6473	0.05394	0.03815	0.95	722	25.9	23
79	11.38	1.35E-03	244.23	0.6473	0.05394	0.03815	0.95	722	25.9	23
79	11.38	1.35E-03	244.23	0.6473	0.05394	0.03815	0.95	722	25.9	23
79	11.38	1.30E-03	244.23	0.6247	0.05206	0.03682	0.95	722	25.9	23
79	11.38	1.30E-03	244.23	0.6247	0.05206	0.03682	0.95	722	25.9	23
79	11.38	1.30E-03	244.23	0.6247	0.05206	0.03682	0.95	722	25.9	23
79	11.38	1.30E-03	244.23	0.6247	0.05206	0.03682	0.95	722	25.9	23
79	11.38	1.30E-03	244.23	0.6247	0.05206	0.03682	0.95	722	25.9	23
79	11.38	1.30E-03	244.23	0.6247	0.05206	0.03682	0.95	722	25.9	22.9
79	11.38	1.30E-03	244.24	0.6248	0.05206	0.03682	0.95	722	25.9	22.9
79	11.38	1.30E-03	244.24	0.6248	0.05206	0.03682	0.95	722	25.9	22.9
79	11.38	1.30E-03	244.24	0.6248	0.05206	0.03682	0.95	722	25.9	22.9
79	11.38	1.30E-03	244.24	0.6248	0.05206	0.03682	0.95	722	25.9	22.9
79	11.38	1.29E-03	244.24	0.6202	0.05169	0.03655	0.95	722	25.9	22.9
79	11.38	1.29E-03	244.23	0.6202	0.05169	0.03655	0.95	722	25.9	22.9
79	11.38	1.29E-03	244.23	0.6202	0.05169	0.03655	0.95	722	25.9	22.9
79	11.38	1.28E-03	244.23	0.6157	0.05131	0.03629	0.95	722	25.9	22.9
79	11.38	1.28E-03	244.24	0.6157	0.05131	0.03629	0.95	722	25.6	23.3
79	11.38	1.28E-03	244.24	0.6157	0.05131	0.03629	0.95	722	25.6	23.3
79	11.38	1.28E-03	244.24	0.6157	0.05131	0.03629	0.95	722	25.6	23.3
75	10.8	8.42E-04	244.24	0.3636	0.0303	0.02143	0.95	722	25.6	23.3
75	10.8	8.36E-04	244.24	0.3609	0.03008	0.02127	0.95	722	25.6	23.3
75	10.8	8.36E-04	244.24	0.3609	0.03008	0.02127	0.95	722	25.6	23.3
75	10.8	8.36E-04	244.24	0.3609	0.03008	0.02127	0.95	722	25.6	23.3
75	10.8	8.29E-04	244.24	0.3582	0.02985	0.02111	0.95	722	25.6	23.4
71	10.22	6.25E-04	244.23	0.242	0.02016	0.01426	0.95	722	25.6	23.4
71	10.22	6.25E-04	244.23	0.242	0.02016	0.01426	0.95	722	25.6	23.4
71	10.22	6.25E-04	244.23	0.242	0.02016	0.01426	0.95	722	25.6	23.4
71	10.22	6.06E-04	244.23	0.2347	0.01956	0.01383	0.95	722	25.6	23.4
71	10.22	6.06E-04	244.23	0.2347	0.01956	0.01383	0.95	722	25.5	23.5
67.5	9.72	5.43E-04	244.23	0.1901	0.01584	0.01121	0.95	722	25.5	23.5
67.5	9.72	5.31E-04	244.23	0.1857	0.01548	0.01095	0.95	722	25.5	23.5
67.5	9.72	5.31E-04	244.24	0.1857	0.01548	0.01095	0.95	722	25.5	23.5
67.5	9.72	5.34E-04	244.24	0.1868	0.01557	0.01101	0.95	722	25.5	23.5
67.5	9.72	5.34E-04	244.24	0.1868	0.01557	0.01101	0.95	722.5	25.5	23.5
63.5	9.14	4.84E-04	244.24	0.1498	0.01248	0.00883	0.95	722.5	25.5	23.5
63.5	9.14	4.84E-04	244.23	0.1498	0.01248	0.00883	0.95	722.5	25.5	23.5
63.5	9.14	4.84E-04	244.23	0.1498	0.01248	0.00883	0.95	722.5	25.5	23.5
63.5	9.14	4.84E-04	244.23	0.1498	0.01248	0.00883	0.95	722.5	25.5	23.5
63.5	9.14	4.81E-04	244.23	0.1488	0.0124	0.00877	0.95	722.5	25.5	23.5
59.5	8.57	4.74E-04	244.23	0.1289	0.01075	0.0076	0.95	722.5	25.4	23.7
59.5	8.57	4.49E-04	244.24	0.1221	0.01018	0.0072	0.95	722.5	25.4	23.7
59.5	8.57	4.49E-04	244.24	0.1221	0.01018	0.0072	0.95	722.5	25.4	23.7
59.5	8.57	4.49E-04	244.24	0.1221	0.01018	0.0072	0.95	722.5	25.4	23.7
59.5	8.57	4.49E-04	244.24	0.1221	0.01018	0.0072	0.95	722.5	25.4	23.8

TABLA N° ANEXO C.28: Conductor 3, ACAR 2x2.59 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
17.6	30.9	712.9	0.92	35.55	5.12	2.59	0.198

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
99	14.26	4.15E-01	288.33	368.5237	30.71031	21.71908	0.92	714	31.5	17.5
99	14.26	4.15E-01	288.33	368.5237	30.71031	21.71908	0.92	714	31.5	17.5
99	14.26	4.20E-01	286.86	371.6504	30.97087	21.90335	0.92	714	31.5	17.5
99	14.26	4.14E-01	288.24	367.2997	30.60831	21.64694	0.92	714	31.5	17.5
99	14.26	4.14E-01	288.25	367.3014	30.60845	21.64705	0.92	714	31.5	17.5
95	13.68	3.93E-01	283.64	316.6342	26.38618	18.66095	0.92	714	31.4	17.4
95	13.68	3.93E-01	283.64	316.6342	26.38618	18.66095	0.92	714	31.4	17.4
95	13.68	3.93E-01	283.53	316.5084	26.3757	18.65354	0.92	714	31.4	17.4
95	13.68	3.95E-01	283.68	317.6877	26.47398	18.72304	0.92	714	31.4	17.4
95	13.68	3.95E-01	283.8	318.3325	26.52771	18.76105	0.92	714	31.4	17.4
91	13.11	3.67E-01	278.32	265.9672	22.16393	15.67487	0.92	714	31.3	17.2
91	13.11	3.66E-01	278.13	264.8738	22.07282	15.61043	0.92	714	31.3	17.2
91	13.11	3.66E-01	278.13	264.8738	22.07282	15.61043	0.92	714	31.3	17.2
91	13.11	3.67E-01	278.28	265.9272	22.1606	15.67252	0.92	714	31.3	17.2
91	13.11	3.66E-01	278.09	264.834	22.0695	15.60809	0.92	714	31.3	17.2
87	12.53	3.41E-01	273.79	221.9513	18.49594	13.08078	0.92	714	31.3	17
87	12.53	3.43E-01	273.91	223.2715	18.60596	13.15859	0.92	714	31.3	17
87	12.53	3.43E-01	273.91	223.2715	18.60596	13.15859	0.92	714	31.3	17
87	12.53	3.43E-01	274.1	223.8377	18.65314	13.19196	0.92	714	31.3	17
87	12.53	3.43E-01	274.1	223.8377	18.65314	13.19196	0.92	714	31.3	17
83	11.95	3.14E-01	269.19	182.8612	15.23844	10.77699	0.92	714	31.1	17
83	11.95	3.14E-01	269.19	182.8612	15.23844	10.77699	0.92	714	31.1	17
83	11.95	3.12E-01	269.16	181.741	15.14508	10.71097	0.92	714	31.1	17
83	11.95	3.12E-01	269.09	182.0645	15.17204	10.73004	0.92	714	31.1	17
83	11.95	3.12E-01	269.09	182.0645	15.17204	10.73004	0.92	714	31.1	17
79	11.38	2.91E-01	265.78	151.7666	12.64722	8.94442	0.92	714	30.9	17.2
79	11.38	2.94E-01	266.26	153.3589	12.77991	9.03826	0.92	714	30.9	17.2
79	11.38	2.89E-01	265.8	150.7964	12.56637	8.88724	0.92	714	30.9	17.2
79	11.38	2.87E-01	265.7	149.7585	12.47988	8.82607	0.92	714	30.9	17.2
79	11.38	2.88E-01	265.61	150.036	12.503	8.84243	0.92	714	30.9	17.2
79	11.38	2.88E-01	265.61	150.036	12.503	8.84243	0.92	714	30.9	17.7
79	11.38	2.84E-01	265.08	147.7755	12.31463	8.7092	0.92	714	30.9	17.7
79	11.38	2.84E-01	264.92	147.3606	12.28005	8.68475	0.92	714	30.9	17.7
79	11.38	2.84E-01	264.92	147.3606	12.28005	8.68475	0.92	714	30.9	17.7
79	11.38	2.85E-01	265.11	148.1175	12.34313	8.72936	0.92	714	30.9	17.7
79	11.38	2.85E-01	265.11	148.1175	12.34313	8.72936	0.92	714	30.9	17.7
79	11.38	2.85E-01	265.11	148.1175	12.34313	8.72936	0.92	714	30.9	17.7
79	11.38	2.83E-01	265.01	147.0822	12.25685	8.66835	0.92	714	30.9	17.7
79	11.38	2.84E-01	265.14	147.4789	12.28991	8.69172	0.92	714	30.9	17.7
79	11.38	2.84E-01	265.14	147.4789	12.28991	8.69172	0.92	714	30.9	17.7
79	11.38	2.84E-01	265.05	147.757	12.31308	8.70811	0.92	713.8	30.2	18.8
79	11.38	2.85E-01	265.23	148.5147	12.37623	8.75277	0.92	713.8	30.2	18.8
79	11.38	2.85E-01	265.23	148.5147	12.37623	8.75277	0.92	713.8	30.2	18.8
79	11.38	2.84E-01	265.05	147.757	12.31308	8.70811	0.92	713.8	30.2	18.8
79	11.38	2.84E-01	265.05	147.757	12.31308	8.70811	0.92	713.8	30.2	18.8
79	11.38	2.84E-01	265.42	147.9637	12.33031	8.7203	0.92	713.8	30.2	18.8
79	11.38	2.84E-01	265.42	147.9637	12.33031	8.7203	0.92	713.8	30.2	18.8
79	11.38	2.84E-01	265.42	147.9582	12.32985	8.71997	0.92	713.8	30.2	18.8
79	11.38	2.84E-01	264.99	147.3961	12.28301	8.68684	0.92	713.8	30.2	18.8
79	11.38	2.84E-01	264.99	147.3961	12.28301	8.68684	0.92	713.8	30.2	18.8
79	11.38	2.84E-01	264.99	147.3961	12.28301	8.68684	0.92	713.8	30.2	18.7
79	11.38	2.84E-01	265	147.7288	12.31073	8.70645	0.92	713.8	30.2	18.7
79	11.38	2.82E-01	264.69	146.2531	12.18776	8.61948	0.92	713.8	30.2	18.7
79	11.38	2.82E-01	264.69	146.2531	12.18776	8.61948	0.92	713.8	30.2	18.7
79	11.38	2.82E-01	264.69	146.2531	12.18776	8.61948	0.92	713.8	30.2	18.7
75	10.8	2.43E-01	259.98	111.8518	9.32098	6.59203	0.92	714.2	30.6	18.8
75	10.8	2.43E-01	259.98	111.8518	9.32098	6.59203	0.92	714.2	30.6	18.8
75	10.8	2.43E-01	259.98	111.8518	9.32098	6.59203	0.92	714.2	30.6	18.8
75	10.8	2.41E-01	259.87	110.9356	9.24463	6.53803	0.92	714.2	30.6	18.8
75	10.8	2.41E-01	259.87	110.9356	9.24463	6.53803	0.92	714.2	30.6	18.8
71	10.22	2.07E-01	256.19	84.2364	7.0197	4.96451	0.92	714.2	30.6	19
71	10.22	2.07E-01	256.19	84.2364	7.0197	4.96451	0.92	714.2	30.6	19
71	10.22	2.05E-01	256.12	83.193	6.93275	4.90301	0.92	714.2	30.6	19
71	10.22	2.06E-01	256.16	83.4629	6.95524	4.91892	0.92	714.2	30.6	19
71	10.22	2.06E-01	256.16	83.4629	6.95524	4.91892	0.92	714.2	30.6	19
67.5	9.72	1.69E-01	252.87	61.0406	5.08672	3.59745	0.92	714.8	30.5	19.1
67.5	9.72	1.70E-01	252.98	61.5228	5.1269	3.62587	0.92	714.8	30.5	19.1
67.5	9.72	1.70E-01	252.98	61.5228	5.1269	3.62587	0.92	714.8	30.5	19.1
67.5	9.72	1.70E-01	252.98	61.5228	5.1269	3.62587	0.92	714.8	30.5	19.1
67.5	9.72	1.75E-01	253.49	63.7208	5.31007	3.75541	0.92	714.8	30.5	19.1
63.5	9.14	1.31E-01	250.19	41.5079	3.45899	2.44629	0.92	714.8	30.4	19.3
63.5	9.14	1.32E-01	250.15	41.7004	3.47504	2.45763	0.92	714.8	30.4	19.3
63.5	9.14	1.32E-01	250.18	41.7055	3.47546	2.45793	0.92	714.8	30.4	19.3
63.5	9.14	1.32E-01	250.18	41.7055	3.47546	2.45793	0.92	714.8	30.4	19.3
63.5	9.14	1.32E-01	250.18	41.7055	3.47546	2.45793	0.92	714.8	30.4	19.3
59.5	8.57	9.32E-02	249.62	25.8861	2.15718	1.52561	0.92	715	30.4	19.1
59.5	8.57	9.44E-02	249.5	26.2229	2.18524	1.54546	0.92	715	30.4	19.1
59.5	8.57	9.44E-02	249.5	26.2229	2.18524	1.54546	0.92	715	30.4	19.1
59.5	8.57	9.44E-02	249.5	26.2229	2.18524	1.54546	0.92	715	30.4	19.1
59.5	8.57	9.44E-02	249.5	26.2229	2.18524	1.54546	0.92	715	30.4	19.1

TABLA N° ANEXO C.29: Conductor 3, ACAR 2x2.59 cm.

Muestra 2. Configuración doble. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.2	29.1	715	0.93	148.6	21.4	2.59	0.8213

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
111	15.99	2.51E-05	234.16	0.0228	0.0019	0.00134	0.94	718.8	26.8	28.6
111	15.99	2.51E-05	234.16	0.0228	0.0019	0.00134	0.94	718.8	26.8	28.6
111	15.99	2.51E-05	234.16	0.0228	0.0019	0.00134	0.94	718.8	26.8	28.6
111	15.99	2.51E-05	234.16	0.0228	0.0019	0.00134	0.94	718.8	26.8	28.6
111	15.99	2.51E-05	234.16	0.0228	0.0019	0.00134	0.94	718.8	26.8	28.6
107	15.41	2.80E-05	234.16	0.0236	0.00196	0.00139	0.94	718.8	26.8	28.6
107	15.41	2.80E-05	234.16	0.0236	0.00196	0.00139	0.94	718.8	26.8	28.6
107	15.41	2.80E-05	234.16	0.0236	0.00196	0.00139	0.94	718.8	26.8	28.6
107	15.41	2.80E-05	234.16	0.0236	0.00196	0.00139	0.94	718.8	26.8	28.6
107	15.41	2.83E-05	234.16	0.0238	0.00199	0.0014	0.94	718.8	26.8	28.6
103	14.83	2.83E-05	234.16	0.0221	0.00184	0.0013	0.94	718.8	26.8	28.6
103	14.83	2.83E-05	234.16	0.0221	0.00184	0.0013	0.94	718.8	26.8	28.6
103	14.83	2.83E-05	234.16	0.0221	0.00184	0.0013	0.94	718.8	27.1	28.2
103	14.83	2.83E-05	234.16	0.0221	0.00184	0.0013	0.94	718.8	27.1	28.2
103	14.83	2.83E-05	234.16	0.0221	0.00184	0.0013	0.94	718.8	27.1	28.2
99	14.26	2.83E-05	234.16	0.0204	0.0017	0.0012	0.94	718.8	27.1	28.2
99	14.26	2.83E-05	234.16	0.0204	0.0017	0.0012	0.94	718.8	27.1	28.2
99	14.26	2.83E-05	234.16	0.0204	0.0017	0.0012	0.94	718.8	27.1	28.2
99	14.26	2.83E-05	234.16	0.0204	0.0017	0.0012	0.94	718.8	27.1	28
99	14.26	2.83E-05	234.16	0.0204	0.0017	0.0012	0.94	718.8	27.1	28
95	13.68	2.83E-05	234.16	0.0188	0.00157	0.00111	0.94	718.8	27.1	28
95	13.68	2.51E-05	234.16	0.0167	0.00139	0.00098	0.94	718.8	27.1	28
95	13.68	2.51E-05	234.16	0.0167	0.00139	0.00098	0.94	718.8	27.1	28.1
95	13.68	2.51E-05	234.16	0.0167	0.00139	0.00098	0.94	718.8	27.1	28.1
95	13.68	2.51E-05	234.16	0.0167	0.00139	0.00098	0.94	718.8	27.1	28.1
91	13.11	2.89E-05	234.16	0.0176	0.00147	0.00104	0.94	718.8	27.1	28.1
91	13.11	2.51E-05	234.16	0.0153	0.00128	0.0009	0.94	718.8	27.1	28.1
91	13.11	2.83E-05	234.16	0.0172	0.00144	0.00102	0.94	718.8	27.1	28.1
91	13.11	2.83E-05	234.16	0.0172	0.00144	0.00102	0.94	718.8	27.1	27.8
91	13.11	2.83E-05	234.16	0.0172	0.00144	0.00102	0.94	718.8	27.1	27.8
87	12.53	3.33E-05	234.16	0.0186	0.00155	0.00109	0.94	718.8	27.1	27.8
87	12.53	2.26E-05	234.16	0.0126	0.00105	0.00074	0.94	719	27.3	27.6
87	12.53	2.26E-05	234.16	0.0126	0.00105	0.00074	0.94	719	27.3	27.6
87	12.53	2.26E-05	234.16	0.0126	0.00105	0.00074	0.94	719	27.3	27.6
87	12.53	2.36E-05	234.16	0.0131	0.00109	0.00077	0.94	719	27.3	27.6
83	11.95	2.64E-05	234.16	0.0134	0.00112	0.00079	0.94	719	27.3	27.6
83	11.95	2.64E-05	234.16	0.0134	0.00112	0.00079	0.94	719	27.3	27.6
83	11.95	2.64E-05	234.16	0.0134	0.00112	0.00079	0.94	719	27.3	27.6
83	11.95	2.64E-05	234.16	0.0134	0.00112	0.00079	0.94	719	27.3	27.6
83	11.95	2.64E-05	234.16	0.0134	0.00112	0.00079	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.3	27.6
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.5
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.2
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.2
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.2
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.2
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.2
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.2
79	11.38	2.64E-05	234.16	0.0121	0.00101	0.00071	0.94	719	27.6	27.2
75	10.8	2.54E-05	234.16	0.0105	0.00088	0.00062	0.94	719	27.6	27.2
75	10.8	2.54E-05	234.16	0.0105	0.00088	0.00062	0.94	719	27.6	27.2
75	10.8	2.54E-05	234.16	0.0105	0.00088	0.00062	0.94	719	27.6	27.2
75	10.8	2.54E-05	234.16	0.0105	0.00088	0.00062	0.94	719	27.6	27.2
75	10.8	2.54E-05	234.16	0.0105	0.00088	0.00062	0.94	719	27.7	27.2
71	10.22	2.36E-05	234.16	0.0087	0.00073	0.00052	0.94	719	27.7	27.2
71	10.22	2.29E-05	234.16	0.0085	0.00071	0.0005	0.94	719	27.7	27.2
71	10.22	2.29E-05	234.16	0.0085	0.00071	0.0005	0.94	719	27.7	27.2
71	10.22	2.29E-05	234.16	0.0085	0.00071	0.0005	0.94	719	27.7	27.2
71	10.22	2.29E-05	234.16	0.0085	0.00071	0.0005	0.94	719	28	27.2

TABLA N° ANEXO C.30: Conductor 3, ACAR 2x2.59 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
18.1	31.7	712.2	0.92	111	15.99	2.59	0.6203

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
99	14.26	1.87E-04	236.45	0.1362	0.01135	0.00803	0.9	708.1	34	17.9
99	14.26	1.85E-04	236.45	0.135	0.01125	0.00796	0.9	708.1	34	17.9
99	14.26	1.73E-04	236.45	0.1259	0.01049	0.00742	0.9	708.1	34	17.9
99	14.26	1.73E-04	236.45	0.1259	0.01049	0.00742	0.9	708.1	34	17.9
99	14.26	1.88E-04	236.45	0.1373	0.01144	0.00809	0.9	708.1	34	17.9
95	13.68	1.87E-04	236.45	0.1254	0.01045	0.00739	0.9	708.1	34	17.9
95	13.68	1.41E-04	236.45	0.0948	0.0079	0.00559	0.9	708.1	34	17.9
95	13.68	1.92E-04	236.44	0.1286	0.01071	0.00758	0.9	708.1	34	17.9
95	13.68	1.77E-04	236.45	0.1191	0.00992	0.00702	0.9	708.1	34	17.9
95	13.68	1.77E-04	236.44	0.1191	0.00992	0.00702	0.9	708.1	34	17.9
91	13.11	1.71E-04	236.45	0.1054	0.00878	0.00621	0.9	708.1	34	17.9
91	13.11	1.71E-04	236.45	0.1054	0.00878	0.00621	0.9	708.1	34	17.9
91	13.11	1.71E-04	236.44	0.1054	0.00878	0.00621	0.9	708.1	34	17.9
91	13.11	1.71E-04	236.44	0.1054	0.00878	0.00621	0.9	708.1	34	17.9
91	13.11	1.71E-04	236.44	0.1054	0.00878	0.00621	0.9	708.1	34	17.9
87	12.53	1.73E-04	236.45	0.0972	0.0081	0.00573	0.9	707.9	34	17.8
87	12.53	1.82E-04	236.44	0.1025	0.00854	0.00604	0.9	707.9	34	17.8
87	12.53	1.74E-04	236.44	0.0981	0.00817	0.00578	0.9	707.9	34	17.8
87	12.53	1.74E-04	236.44	0.0981	0.00817	0.00578	0.9	707.9	34	17.8
87	12.53	1.81E-04	236.44	0.1016	0.00847	0.00599	0.9	707.9	34	17.8
83	11.95	1.76E-04	236.44	0.0901	0.00751	0.00531	0.9	707.9	34	17.8
83	11.95	1.76E-04	236.44	0.0901	0.00751	0.00531	0.9	707.9	34	17.8
83	11.95	1.77E-04	236.44	0.0909	0.00757	0.00536	0.9	707.9	34	17.8
83	11.95	1.77E-04	236.44	0.0909	0.00757	0.00536	0.9	707.9	34	17.8
83	11.95	1.77E-04	236.44	0.0909	0.00757	0.00536	0.9	707.9	34	17.8
79	11.38	1.70E-04	236.44	0.0787	0.00656	0.00464	0.9	707.9	34	17.5
79	11.38	1.70E-04	236.44	0.0787	0.00656	0.00464	0.9	707.9	34	17.5
79	11.38	1.70E-04	236.44	0.0787	0.00656	0.00464	0.9	707.9	34	17.5
79	11.38	1.71E-04	236.44	0.0794	0.00662	0.00468	0.9	707.9	34	17.5
79	11.38	1.70E-04	236.44	0.0787	0.00656	0.00464	0.9	707.9	34	17.5
79	11.38	1.70E-04	236.44	0.0787	0.00656	0.00464	0.9	707.9	34	17.5
79	11.38	1.70E-04	236.44	0.0787	0.00656	0.00464	0.9	707.9	34	17.5
79	11.38	1.67E-04	236.44	0.0772	0.00644	0.00455	0.9	707.9	34	17.5
79	11.38	1.67E-04	236.44	0.0772	0.00644	0.00455	0.9	707.9	34	17.5
79	11.38	1.67E-04	236.43	0.0772	0.00644	0.00455	0.9	707.9	34.4	17.4
79	11.38	1.74E-04	236.44	0.0809	0.00674	0.00477	0.9	707.9	34.4	17.4
79	11.38	1.74E-04	236.44	0.0809	0.00674	0.00477	0.9	707.9	34.4	17.4
79	11.38	1.76E-04	236.44	0.0816	0.0068	0.00481	0.9	707.9	34.4	17.4
79	11.38	1.73E-04	236.44	0.0802	0.00668	0.00472	0.9	707.9	34.4	17.4
79	11.38	1.73E-04	236.44	0.0802	0.00668	0.00472	0.9	707.9	34.4	17.4
79	11.38	1.65E-04	236.44	0.0765	0.00638	0.00451	0.9	707.9	34.4	17.4
79	11.38	1.63E-04	236.44	0.0758	0.00632	0.00447	0.9	707.9	34.4	17.4
79	11.38	1.74E-04	236.44	0.0809	0.00674	0.00477	0.9	707.9	34.4	17.4
79	11.38	1.74E-04	236.44	0.0809	0.00674	0.00477	0.9	707.9	34.4	17.4
79	11.38	1.74E-04	236.44	0.0809	0.00674	0.00477	0.9	707.9	34.3	17.3
79	11.38	1.68E-04	236.44	0.078	0.0065	0.0046	0.9	707.9	34.3	17.3
79	11.38	1.77E-04	236.44	0.0823	0.00686	0.00485	0.9	707.9	34.3	17.3
79	11.38	1.76E-04	236.44	0.0816	0.0068	0.00481	0.9	707.9	34.3	17.3
79	11.38	1.76E-04	236.44	0.0816	0.0068	0.00481	0.9	707.9	34.3	17.3
79	11.38	1.76E-04	236.44	0.0816	0.0068	0.00481	0.9	707.9	34.3	17.3
79	11.38	1.70E-04	236.44	0.0787	0.00656	0.00464	0.9	707.9	34.3	17.3
79	11.38	1.70E-04	236.44	0.0787	0.00656	0.00464	0.9	707.9	34.3	17.3
79	11.38	1.82E-04	236.44	0.0845	0.00704	0.00498	0.9	707.9	34.3	17.3
79	11.38	1.71E-04	236.44	0.0794	0.00662	0.00468	0.9	707.9	34.3	17.3
75	10.8	1.74E-04	236.44	0.0729	0.00607	0.0043	0.9	707.9	34.3	17.5
75	10.8	1.74E-04	236.44	0.0729	0.00607	0.0043	0.9	707.9	34.3	17.5
75	10.8	1.70E-04	236.44	0.0709	0.00591	0.00418	0.9	707.9	34.3	17.5
75	10.8	1.70E-04	236.44	0.0709	0.00591	0.00418	0.9	707.9	34.3	17.5
75	10.8	1.68E-04	236.44	0.0703	0.00586	0.00414	0.9	707.9	34.3	17.5
71	10.22	1.62E-04	236.43	0.0606	0.00505	0.00357	0.9	707.9	34.3	17.5
71	10.22	1.62E-04	236.43	0.0606	0.00505	0.00357	0.9	707.9	34.3	17.5
71	10.22	1.62E-04	236.43	0.0606	0.00505	0.00357	0.9	707.9	34.3	17.5
71	10.22	1.67E-04	236.44	0.0624	0.0052	0.00368	0.9	707.9	34.3	17.5
71	10.22	1.67E-04	236.44	0.0624	0.0052	0.00368	0.9	707.9	34.3	17.5
67.5	9.72	1.59E-04	236.43	0.0537	0.00448	0.00317	0.9	707.9	34.5	17.5
67.5	9.72	1.59E-04	236.43	0.0537	0.00448	0.00317	0.9	707.9	34.5	17
67.5	9.72	1.63E-04	236.43	0.0553	0.00461	0.00326	0.9	707.9	34.5	17
67.5	9.72	1.63E-04	236.43	0.0553	0.00461	0.00326	0.9	707.9	34.5	17
67.5	9.72	1.62E-04	236.43	0.0548	0.00457	0.00323	0.9	707.9	34.5	17
63.5	9.14	1.67E-04	236.43	0.0499	0.00416	0.00294	0.9	707.9	34.5	17
63.5	9.14	1.63E-04	236.43	0.049	0.00408	0.00289	0.9	707.9	34.5	17
63.5	9.14	1.63E-04	236.43	0.049	0.00408	0.00289	0.9	707.9	34.5	17
63.5	9.14	1.63E-04	236.43	0.049	0.00408	0.00289	0.9	707.9	34.5	17
63.5	9.14	1.70E-04	236.43	0.0508	0.00424	0.003	0.9	707.9	34.5	17
59.5	8.57	1.54E-04	236.43	0.0405	0.00338	0.00239	0.9	707.9	34.5	17
59.5	8.57	1.54E-04	236.43	0.0405	0.00338	0.00239	0.9	707.9	34.5	17
59.5	8.57	1.57E-04	236.43	0.0413	0.00344	0.00244	0.9	707.9	34.5	17
59.5	8.57	1.59E-04	236.43	0.0417	0.00348	0.00246	0.9	707.9	34.5	17
59.5	8.57	1.59E-04	236.43	0.0417	0.00348	0.00246	0.9	707.9	34.5	17

TABLA N° ANEXO C.31: Conductor 3, ACAR 2x2.59 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
24	28.5	715.8	0.93	70.75	10.19	2.59	0.3899

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
99	14.26	2.95E-02	244.84	22.2256	1.85213	1.30987	0.92	717.5	31.5	21.6
99	14.26	3.10E-02	244.87	23.4139	1.95115	1.3799	0.92	717.5	31.5	21.6
99	14.26	3.10E-02	244.87	23.4139	1.95115	1.3799	0.92	717.5	31.5	21.6
99	14.26	3.01E-02	244.89	22.7041	1.89201	1.33807	0.92	717.5	31.5	21.6
99	14.26	3.01E-02	244.89	22.7041	1.89201	1.33807	0.92	717.5	31.5	21.6
95	13.68	1.31E-02	244.74	9.1141	0.75951	0.53714	0.92	717.5	31.5	22
95	13.68	1.31E-02	244.74	9.1141	0.75951	0.53714	0.92	717.5	31.5	22
95	13.68	1.31E-02	244.74	9.1141	0.75951	0.53714	0.92	717.5	31.5	22
95	13.68	1.28E-02	244.74	8.8961	0.74134	0.52429	0.92	717.5	31.5	22
95	13.68	1.28E-02	244.74	8.8961	0.74134	0.52429	0.92	717.5	31.5	22
91	13.11	8.73E-03	244.77	5.561	0.46342	0.32774	0.92	717.5	31.5	22.1
91	13.11	9.04E-03	244.75	5.7608	0.48007	0.33952	0.92	717.5	31.5	22.1
91	13.11	9.04E-03	244.75	5.7608	0.48007	0.33952	0.92	717.5	31.5	22.1
91	13.11	9.04E-03	244.75	5.7608	0.48007	0.33952	0.92	717.5	31.5	22.1
91	13.11	9.04E-03	244.75	5.7608	0.48007	0.33952	0.92	717.5	31.5	22.1
87	12.53	4.76E-03	244.77	2.7721	0.23101	0.16337	0.92	717.5	31.5	22
87	12.53	4.76E-03	244.77	2.7721	0.23101	0.16337	0.92	717.5	31.5	22
87	12.53	4.76E-03	244.77	2.7721	0.23101	0.16337	0.92	717.5	31.5	22
87	12.53	5.05E-03	244.77	2.9422	0.24518	0.1734	0.92	717.5	31.5	22
87	12.53	4.93E-03	244.77	2.869	0.23909	0.16909	0.92	717.5	31.5	22
83	11.95	2.93E-03	244.78	1.5538	0.12948	0.09157	0.92	717.5	31.4	22.1
83	11.95	2.93E-03	244.78	1.5538	0.12948	0.09157	0.92	717.5	31.4	22.1
83	11.95	2.97E-03	244.78	1.5722	0.13101	0.09266	0.92	717.5	31.4	22.1
83	11.95	2.97E-03	244.78	1.5722	0.13101	0.09266	0.92	717.5	31.4	22.1
83	11.95	2.97E-03	244.78	1.5722	0.13101	0.09266	0.92	717.5	31.4	22.1
79	11.38	1.77E-03	244.78	0.851	0.07091	0.05015	0.92	717.5	31.4	22
79	11.38	1.77E-03	244.78	0.851	0.07091	0.05015	0.92	717.5	31.4	22
79	11.38	1.77E-03	244.78	0.851	0.07091	0.05015	0.92	717.5	31.4	22
79	11.38	1.77E-03	244.78	0.851	0.07091	0.05015	0.92	717.5	31.4	22
79	11.38	1.82E-03	244.79	0.8751	0.07293	0.05158	0.92	717.5	31.4	22
79	11.38	1.82F-03	244.79	0.8751	0.07293	0.05158	0.92	717.5	31.5	21.8
79	11.38	1.82E-03	244.79	0.8751	0.07293	0.05158	0.92	717.5	31.5	21.8
79	11.38	1.83E-03	244.79	0.8781	0.07318	0.05175	0.92	717.5	31.5	21.8
79	11.38	1.83E-03	244.79	0.8781	0.07318	0.05175	0.92	717.5	31.5	21.8
79	11.38	1.83E-03	244.79	0.8781	0.07318	0.05175	0.92	717.5	31.5	21.8
79	11.38	1.83E-03	244.79	0.8781	0.07318	0.05175	0.92	717.5	31.5	21.8
79	11.38	1.85E-03	244.79	0.8902	0.07418	0.05247	0.92	717.8	31.5	21.8
79	11.38	1.85E-03	244.79	0.8902	0.07418	0.05247	0.92	717.8	31.5	21.8
79	11.38	1.80E-03	244.78	0.863	0.07192	0.05086	0.92	717.8	31.5	21.8
79	11.38	1.82E-03	244.78	0.8736	0.0728	0.05148	0.92	717.8	31.5	21.8
79	11.38	1.82E-03	244.78	0.8736	0.0728	0.05148	0.92	717.8	31.5	21.8
79	11.38	1.82E-03	244.78	0.8736	0.0728	0.05148	0.92	717.8	31.5	21.8
79	11.38	1.82E-03	244.78	0.8736	0.0728	0.05148	0.92	717.8	31.5	21.8
79	11.38	1.80E-03	244.78	0.866	0.07217	0.05104	0.92	717.8	31.5	21.8
79	11.38	1.80E-03	244.78	0.866	0.07217	0.05104	0.92	717.8	31.5	21.8
79	11.38	1.86E-03	244.78	0.8932	0.07443	0.05264	0.92	717.8	31.5	21.8
79	11.38	1.86E-03	244.78	0.8932	0.07443	0.05264	0.92	717.8	31.5	21.8
79	11.38	1.86E-03	244.78	0.8932	0.07443	0.05264	0.92	717.8	31.5	21.7
79	11.38	1.81E-03	244.78	0.8676	0.0723	0.05113	0.92	717.8	31.5	21.7
79	11.38	1.81E-03	244.78	0.8676	0.0723	0.05113	0.92	717.8	31.5	21.7
79	11.38	1.81E-03	244.78	0.8676	0.0723	0.05113	0.92	717.8	31.5	21.7
79	11.38	1.83E-03	244.79	0.8766	0.07305	0.05166	0.92	717.8	31.5	21.7
79	11.38	1.83E-03	244.79	0.8766	0.07305	0.05166	0.92	717.9	31.7	21.6
79	11.38	1.83E-03	244.79	0.8766	0.07305	0.05166	0.92	717.9	31.7	21.6
79	11.38	1.80E-03	244.79	0.8661	0.07217	0.05104	0.92	717.9	31.7	21.6
75	10.8	1.14E-03	244.79	0.4923	0.04102	0.02901	0.92	717.9	31.7	21.6
75	10.8	1.14E-03	244.79	0.4923	0.04102	0.02901	0.92	717.9	31.7	21.6
75	10.8	1.15E-03	244.79	0.4977	0.04148	0.02933	0.92	717.9	31.7	21.7
75	10.8	1.15E-03	244.79	0.4977	0.04148	0.02933	0.92	717.9	31.7	21.7
75	10.8	1.15E-03	244.79	0.4977	0.04148	0.02933	0.92	717.9	31.7	21.7
71	10.22	7.26E-04	244.8	0.2815	0.02346	0.01659	0.92	717.9	31.7	21.7
71	10.22	7.26E-04	244.8	0.2815	0.02346	0.01659	0.92	717.9	31.7	21.7
71	10.22	7.26E-04	244.8	0.2815	0.02346	0.01659	0.92	717.9	31.8	21.6
71	10.22	7.26E-04	244.8	0.2815	0.02346	0.01659	0.92	717.9	31.8	21.6
71	10.22	7.26E-04	244.8	0.2815	0.02346	0.01659	0.92	717.9	31.8	21.6
67.5	9.72	6.00E-04	244.79	0.2104	0.01753	0.0124	0.92	717.9	31.8	21.6
67.5	9.72	5.97E-04	244.8	0.2093	0.01744	0.01233	0.92	717.9	31.8	21.6
67.5	9.72	5.84E-04	244.79	0.2049	0.01707	0.01207	0.92	717.9	31.8	21.4
67.5	9.72	5.84E-04	244.79	0.2049	0.01707	0.01207	0.92	717.9	31.8	21.4
67.5	9.72	5.87E-04	244.8	0.206	0.01717	0.01214	0.92	717.9	31.8	21.4
63.5	9.14	5.87E-04	244.8	0.1823	0.01519	0.01074	0.92	717.9	31.8	21.4
63.5	9.14	5.15E-04	244.79	0.1599	0.01332	0.00942	0.92	717.9	31.8	21.4
63.5	9.14	5.20E-04	244.79	0.1613	0.01344	0.00951	0.92	717.9	31.9	21.5
63.5	9.14	5.03E-04	244.79	0.156	0.013	0.00919	0.92	717.9	31.9	21.5
63.5	9.14	4.93E-04	244.8	0.1531	0.01275	0.00902	0.92	717.9	31.9	21.5
59.5	8.57	4.96E-04	244.8	0.1352	0.01127	0.00797	0.92	717.9	31.9	21.5
59.5	8.57	4.96E-04	244.8	0.1352	0.01127	0.00797	0.92	717.9	31.9	21.5
59.5	8.57	4.93E-04	244.8	0.1344	0.0112	0.00792	0.92	717.9	31.9	21.2
59.5	8.57	5.00E-04	244.8	0.1361	0.01134	0.00802	0.92	717.9	31.9	21.2
59.5	8.57	4.84E-04	244.8	0.1318	0.01098	0.00777	0.92	717.9	31.9	21.2

TABLA N° ANEXO C.32: Conductor 3, ACAR 2x2.59 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
13.2	31.5	713.8	0.92	35.5	5.11	2.59	0.1979

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
99	14.26	4.23E-01	287.9	374.9594	31.24662	22.09837	0.92	714	30.8	13.7
99	14.26	4.23E-01	288.16	375.8617	31.3218	22.15155	0.92	714	30.8	13.7
99	14.26	4.23E-01	288.15	375.297	31.27475	22.11827	0.92	714	30.8	13.7
99	14.26	4.23E-01	288.15	375.297	31.27475	22.11827	0.92	714	30.8	13.7
99	14.26	4.22E-01	288.08	374.6373	31.21978	22.07939	0.92	714	30.8	13.7
95	13.68	4.02E-01	283.48	323.3045	26.94205	19.05407	0.92	714	30.8	14.2
95	13.68	4.00E-01	283.01	321.2512	26.77093	18.93306	0.92	714	30.8	14.2
95	13.68	4.03E-01	282.97	323.2283	26.93569	19.04958	0.92	714	30.8	14.2
95	13.68	4.02E-01	283.1	322.8643	26.90536	19.02813	0.92	714	30.8	14.2
95	13.68	4.01E-01	282.83	322.0587	26.83823	18.98065	0.92	714	30.8	14.2
91	13.11	3.82E-01	278.64	277.4541	23.12117	16.35186	0.92	714	30.8	14.6
91	13.11	3.82E-01	278.55	276.9081	23.07568	16.31968	0.92	714	30.8	14.6
91	13.11	3.82E-01	278.6	277.414	23.11783	16.3495	0.92	714	30.8	14.6
91	13.11	3.82E-01	278.67	277.4861	23.12384	16.35375	0.92	714	30.8	14.6
91	13.11	3.81E-01	278.3	276.2011	23.01676	16.27801	0.92	714	30.8	14.6
87	12.53	3.55E-01	273.54	231.3683	19.28069	13.63578	0.92	714	30.8	14.6
87	12.53	3.55E-01	273.54	231.3683	19.28069	13.63578	0.92	714	30.8	14.6
87	12.53	3.55E-01	273.54	231.3683	19.28069	13.63578	0.92	714	30.8	14.6
87	12.53	3.57E-01	273.9	232.4966	19.37471	13.70227	0.92	714	30.8	14.6
87	12.53	3.55E-01	273.72	231.5214	19.29345	13.6448	0.92	714	30.8	14.6
83	11.95	3.28E-01	268.67	190.7501	15.89584	11.24193	0.92	714	30.8	14.8
83	11.95	3.28E-01	268.67	190.7501	15.89584	11.24193	0.92	714	30.8	14.8
83	11.95	3.27E-01	268.47	189.8813	15.82344	11.19072	0.92	714	30.8	14.8
83	11.95	3.25E-01	268.29	189.0221	15.75184	11.14009	0.92	714	30.8	14.8
83	11.95	3.27E-01	268.27	189.7369	15.81141	11.18222	0.92	714	30.8	14.8
79	11.38	3.05E-01	264.6	158.1211	13.17676	9.31892	0.92	714.2	30.4	14.8
79	11.38	3.06E-01	264.76	159.1972	13.26644	9.38235	0.92	714.2	30.4	14.8
79	11.38	3.06E-01	264.84	159.2464	13.27053	9.38525	0.92	714.2	30.4	14.8
79	11.38	3.07E-01	264.83	159.5664	13.2972	9.4041	0.92	714.2	30.4	14.8
79	11.38	3.07E-01	264.91	159.6106	13.30089	9.40671	0.92	714.2	30.4	14.8
79	11.38	3.10E-01	265.26	161.134	13.42783	9.49649	0.92	714.2	30.4	14.8
79	11.38	3.09E-01	265.11	160.7126	13.39271	9.47166	0.92	714.2	30.4	14.8
79	11.38	3.09E-01	265.11	160.7126	13.39271	9.47166	0.92	714.2	30.4	14.8
79	11.38	3.01E-01	263.97	156.1176	13.0098	9.20085	0.92	714.2	30.4	14.8
79	11.38	3.01E-01	263.97	156.1176	13.0098	9.20085	0.92	714.2	30.4	14.8
79	11.38	3.02E-01	264.43	156.7165	13.05971	9.23614	0.92	714.2	30.3	14.5
79	11.38	3.02E-01	264.43	156.7165	13.05971	9.23614	0.92	714.2	30.3	14.5
79	11.38	3.03E-01	264.28	157.2804	13.1067	9.26938	0.92	714.2	30.3	14.5
79	11.38	3.03E-01	264.28	157.2804	13.1067	9.26938	0.92	714.2	30.3	14.5
79	11.38	3.04E-01	264.37	157.6592	13.13827	9.2917	0.92	714.2	30.3	14.5
79	11.38	3.04E-01	264.37	157.6592	13.13827	9.2917	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	264.07	156.1767	13.01473	9.20433	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	264.07	156.1767	13.01473	9.20433	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	264.07	156.1769	13.01474	9.20435	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	264.07	156.1769	13.01474	9.20435	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	263.8	155.6918	12.97432	9.17575	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	264.07	156.1769	13.01474	9.20435	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	264.07	156.1769	13.01474	9.20435	0.92	714.2	30.3	14.7
79	11.38	3.00E-01	263.83	155.3821	12.94851	9.1575	0.92	714.2	30.3	14.7
79	11.38	3.00E-01	263.85	155.0683	12.92236	9.13901	0.92	714.2	30.3	14.7
79	11.38	3.00E-01	263.85	155.0683	12.92236	9.13901	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	263.89	155.7468	12.9789	9.179	0.92	714.2	30.3	14.7
79	11.38	3.01E-01	263.89	155.7468	12.9789	9.179	0.92	714.2	30.3	14.7
79	11.38	2.96E-01	263.38	153.1722	12.76435	9.02726	0.92	714.2	30.3	14.7
79	11.38	2.99E-01	263.78	154.7048	12.89206	9.11758	0.92	714.2	30.3	14.7
75	10.8	2.71E-01	259.57	124.2329	10.35275	7.32171	0.92	714.2	30.3	14.7
75	10.8	2.68E-01	259.49	123.0381	10.25317	7.25129	0.93	714.8	30	14.9
75	10.8	2.68E-01	259.49	123.0381	10.25317	7.25129	0.93	714.8	30	14.9
75	10.8	2.67E-01	259.31	122.3763	10.19803	7.21229	0.93	714.8	30	14.9
75	10.8	2.68E-01	259.39	122.7051	10.22543	7.23167	0.93	714.8	30	14.9
71	10.22	2.32E-01	254.85	93.5778	7.79815	5.51504	0.93	714.8	30	14.9
71	10.22	2.34E-01	254.97	94.3812	7.8651	5.56239	0.93	714.8	30	14.9
71	10.22	2.33E-01	255.04	94.1535	7.84613	5.54897	0.93	714.8	30	14.9
71	10.22	2.29E-01	254.7	92.5083	7.70902	5.45201	0.93	714.8	30	14.9
71	10.22	2.31E-01	254.82	93.3114	7.77595	5.49934	0.93	714.8	30	14.9
67.5	9.72	2.03E-01	251.55	73.0674	6.08895	4.30626	0.93	714.8	30	14.9
67.5	9.72	2.02E-01	251.61	72.8589	6.07157	4.29396	0.93	714.8	30	15
67.5	9.72	2.03E-01	251.54	73.0672	6.08893	4.30624	0.93	714.8	30	15
67.5	9.72	2.02E-01	251.61	72.8589	6.07157	4.29396	0.93	714.8	30	15
67.5	9.72	2.02E-01	251.61	72.8589	6.07157	4.29396	0.93	714.8	30	15
63.5	9.14	1.64E-01	247.89	51.6801	4.30667	3.04579	0.93	714.8	30	15
63.5	9.14	1.63E-01	247.69	51.2438	4.27031	3.02007	0.93	714.8	30	15.2
63.5	9.14	1.65E-01	247.84	51.8671	4.32226	3.05681	0.93	714.8	30	15.2
63.5	9.14	1.65E-01	247.84	51.8671	4.32226	3.05681	0.93	714.8	30	15.2
63.5	9.14	1.64E-01	247.8	51.4644	4.2887	3.03308	0.93	714.8	30	15.2
59.5	8.57	1.20E-01	244.14	32.5669	2.71391	1.91934	0.93	714.8	30	15.2
59.5	8.57	1.26E-01	244.63	34.3433	2.86194	2.02404	0.93	714.8	30	15.4
59.5	8.57	1.26E-01	244.63	34.3433	2.86194	2.02404	0.93	714.8	30	15.4
59.5	8.57	1.26E-01	244.63	34.3433	2.86194	2.02404	0.93	714.8	30	15.4
59.5	8.57	1.25E-01	244.64	34.0022	2.83352	2.00393	0.93	714.8	30	15.4

TABLA N° ANEXO C.33: Conductor 3, ACAR 2x2.59 cm.

Muestra 3. Configuración doble. Conductor Limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
21.5	26	714.1	0.94	153.5	22.11	2.59	0.8415

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
111	15.99	2.36E-05	234.21	0.0214	0.00178	0.00126	0.93	713.4	26.7	20.1
111	15.99	2.36E-05	234.22	0.0214	0.00178	0.00126	0.93	713.4	26.7	20.1
111	15.99	2.36E-05	234.22	0.0214	0.00178	0.00126	0.93	713.4	26.7	20.1
111	15.99	2.36E-05	234.21	0.0214	0.00178	0.00126	0.93	713.4	26.7	20.1
111	15.99	2.36E-05	234.21	0.0214	0.00178	0.00126	0.93	713.4	26.7	20.1
107	15.41	2.83E-05	234.21	0.0238	0.00199	0.0014	0.93	713.4	26.7	20.1
107	15.41	2.83E-05	234.21	0.0238	0.00199	0.0014	0.93	713.4	26.7	20.1
107	15.41	2.51E-05	234.21	0.0212	0.00177	0.00125	0.93	713.4	26.7	20.1
107	15.41	2.67E-05	234.21	0.0225	0.00188	0.00133	0.93	713.4	26.7	20.1
107	15.41	2.67E-05	234.21	0.0225	0.00188	0.00133	0.93	713.4	26.7	20.1
103	14.83	2.51E-05	234.21	0.0196	0.00164	0.00116	0.93	713.4	26.7	20.1
103	14.83	2.51E-05	234.21	0.0196	0.00164	0.00116	0.93	713.4	26.7	20.1
103	14.83	2.51E-05	234.21	0.0196	0.00164	0.00116	0.93	713.4	26.7	20.1
103	14.83	2.51E-05	234.21	0.0196	0.00164	0.00116	0.93	713.4	26.7	20.1
103	14.83	2.51E-05	234.21	0.0196	0.00164	0.00116	0.93	713.4	26.7	20.1
99	14.26	2.67E-05	234.21	0.0193	0.00161	0.00114	0.93	713.2	26.7	20
99	14.26	2.67E-05	234.21	0.0193	0.00161	0.00114	0.93	713.2	26.7	20
99	14.26	2.51E-05	234.21	0.0181	0.00151	0.00107	0.93	713.2	26.7	20
99	14.26	2.51E-05	234.21	0.0181	0.00151	0.00107	0.93	713.2	26.7	20
99	14.26	2.51E-05	234.21	0.0181	0.00151	0.00107	0.93	713.2	26.7	20
95	13.68	2.51E-05	234.2	0.0167	0.00139	0.00098	0.93	713.2	26.7	19.9
95	13.68	2.51E-05	234.2	0.0167	0.00139	0.00098	0.93	713.2	26.7	19.9
95	13.68	2.51E-05	234.2	0.0167	0.00139	0.00098	0.93	713.2	26.7	19.9
95	13.68	2.20E-05	234.2	0.0146	0.00122	0.00086	0.93	713.2	26.7	19.9
95	13.68	2.20E-05	234.2	0.0146	0.00122	0.00086	0.93	713.2	26.7	19.9
91	13.11	2.98E-05	234.2	0.0182	0.00152	0.00107	0.93	713.2	26.7	19.7
91	13.11	2.98E-05	234.2	0.0182	0.00152	0.00107	0.93	713.2	26.7	19.7
91	13.11	2.67E-05	234.2	0.0163	0.00136	0.00096	0.93	713.2	26.7	19.7
91	13.11	2.51E-05	234.2	0.0153	0.00128	0.0009	0.93	713.2	26.7	19.7
91	13.11	2.83E-05	234.2	0.0172	0.00144	0.00102	0.93	713.2	26.7	19.7
87	12.53	2.83E-05	234.21	0.0158	0.00131	0.00093	0.93	713.2	26.9	19.7
87	12.53	2.20E-05	234.21	0.0123	0.00102	0.00072	0.93	713.2	26.9	19.7
87	12.53	2.67E-05	234.21	0.0149	0.00124	0.00088	0.93	713.2	26.9	19.7
87	12.53	2.67E-05	234.21	0.0149	0.00124	0.00088	0.93	713.2	26.9	19.7
87	12.53	2.67E-05	234.21	0.0149	0.00124	0.00088	0.93	713.2	26.9	19.7
83	11.95	2.67E-05	234.21	0.0135	0.00113	0.0008	0.93	713.2	26.9	19.6
83	11.95	2.67E-05	234.21	0.0135	0.00113	0.0008	0.93	713.2	26.9	19.6
83	11.95	2.67E-05	234.21	0.0135	0.00113	0.0008	0.93	713.2	26.9	19.6
83	11.95	2.67E-05	234.21	0.0135	0.00113	0.0008	0.93	713.2	26.9	19.6
83	11.95	2.67E-05	234.21	0.0135	0.00113	0.0008	0.93	713.2	26.9	19.6
79	11.38	2.36E-05	234.21	0.0108	0.0009	0.00064	0.93	713.2	26.9	19.6
79	11.38	2.36E-05	234.21	0.0108	0.0009	0.00064	0.93	713.2	26.9	19.6
79	11.38	2.51E-05	234.21	0.0115	0.00096	0.00068	0.93	713.2	26.9	19.6
79	11.38	2.83E-05	234.2	0.013	0.00108	0.00077	0.93	713.2	26.9	19.6
79	11.38	2.98E-05	234.21	0.0137	0.00114	0.00081	0.93	713.2	26.9	19.6
79	11.38	2.98E-05	234.21	0.0137	0.00114	0.00081	0.93	713.2	27	19.5
79	11.38	2.83E-05	234.2	0.013	0.00108	0.00077	0.93	713.2	27	19.5
79	11.38	2.36E-05	234.21	0.0108	0.0009	0.00064	0.93	713.2	27	19.5
79	11.38	2.20E-05	234.21	0.0101	0.00084	0.0006	0.93	713.2	27	19.5
79	11.38	2.67E-05	234.2	0.0123	0.00102	0.00072	0.93	713.2	27	19.5
79	11.38	2.36E-05	234.21	0.0108	0.0009	0.00064	0.93	713.2	27	19.5
79	11.38	2.51E-05	234.21	0.0115	0.00096	0.00068	0.93	713.2	27	19.5
79	11.38	2.36E-05	234.21	0.0108	0.0009	0.00064	0.93	713.2	27	19.5
79	11.38	2.36E-05	234.21	0.0108	0.0009	0.00064	0.93	713.2	27	19.5
79	11.38	2.67E-05	234.21	0.0123	0.00102	0.00072	0.93	713.2	27	19.5
79	11.38	2.67E-05	234.2	0.0123	0.00102	0.00072	0.93	713.2	27	19.7
79	11.38	2.51E-05	234.21	0.0115	0.00096	0.00068	0.93	713.2	27	19.7
79	11.38	2.36E-05	234.21	0.0108	0.0009	0.00064	0.93	713.2	27	19.7
79	11.38	2.36E-05	234.2	0.0108	0.0009	0.00064	0.93	713.2	27	19.7
79	11.38	2.36E-05	234.21	0.0108	0.0009	0.00064	0.93	713.2	27	19.7
79	11.38	2.51E-05	234.21	0.0115	0.00096	0.00068	0.93	713.2	27	19.7
79	11.38	2.51E-05	234.21	0.0115	0.00096	0.00068	0.93	713.2	27	19.7
79	11.38	2.51E-05	234.21	0.0115	0.00096	0.00068	0.93	713.2	27	19.7
79	11.38	2.51E-05	234.21	0.0115	0.00096	0.00068	0.93	713.2	27	19.7
79	11.38	2.67E-05	234.2	0.0123	0.00102	0.00072	0.93	713.2	27	19.7
79	11.38	2.36E-05	234.2	0.0108	0.0009	0.00064	0.93	713.2	27.2	19.7
79	11.38	2.36E-05	234.2	0.0108	0.0009	0.00064	0.93	713.2	27.2	19.2
79	11.38	2.36E-05	234.2	0.0108	0.0009	0.00064	0.93	713.2	27.2	19.2
79	11.38	2.67E-05	234.2	0.0123	0.00102	0.00072	0.93	713.2	27.2	19.2
79	11.38	2.67E-05	234.21	0.0123	0.00102	0.00072	0.93	713.2	27.2	19.2
75	10.8	2.51E-05	234.21	0.0104	0.00087	0.00061	0.93	713.2	27.2	19.2
75	10.8	2.36E-05	234.2	0.0098	0.00081	0.00058	0.93	713.2	27.2	19.2
75	10.8	2.36E-05	234.2	0.0098	0.00081	0.00058	0.93	713.2	27.2	19.2
75	10.8	2.36E-05	234.21	0.0098	0.00081	0.00058	0.93	713.2	27.2	19.2
75	10.8	2.36E-05	234.2	0.0098	0.00081	0.00058	0.93	713.2	27.2	19.2
71	10.22	2.20E-05	234.2	0.0082	0.00068	0.00048	0.93	713.2	27.2	19
71	10.22	2.20E-05	234.2	0.0082	0.00068	0.00048	0.93	713.2	27.2	19
71	10.22	2.20E-05	234.2	0.0082	0.00068	0.00048	0.93	713.2	27.2	19
71	10.22	2.20E-05	234.2	0.0082	0.00068	0.00048	0.93	713.2	27.2	19
71	10.22	2.20E-05	234.2	0.0082	0.00068	0.00048	0.93	713.2	27.2	19

TABLA N° ANEXO C.34: Conductor 3, ACAR 2x2.59 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
22.5	29.2	715.5	0.93	111.1	16	2.59	0.6138

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
99	14.26	1.77E-04	236.45	0.1293	0.01078	0.00762	0.93	716.8	29.5	20.7
99	14.26	1.77E-04	236.45	0.1293	0.01078	0.00762	0.93	716.8	29.5	20.7
99	14.26	1.77E-04	236.45	0.1293	0.01078	0.00762	0.93	716.8	29.5	20.7
99	14.26	1.77E-04	236.45	0.1293	0.01078	0.00762	0.93	716.8	29.5	20.7
99	14.26	1.77E-04	236.45	0.1293	0.01078	0.00762	0.93	716.8	29.5	20.7
95	13.68	1.57E-04	236.45	0.1054	0.00878	0.00621	0.93	716.8	29.6	20.7
95	13.68	1.88E-04	236.45	0.1265	0.01054	0.00745	0.93	716.8	29.6	20.7
95	13.68	1.88E-04	236.45	0.1265	0.01054	0.00745	0.93	716.8	29.6	20.7
95	13.68	1.59E-04	236.45	0.1064	0.00887	0.00627	0.93	716.8	29.6	20.7
95	13.68	1.59E-04	236.45	0.1064	0.00887	0.00627	0.93	716.8	29.6	20.7
91	13.11	1.49E-04	236.45	0.0919	0.00765	0.00541	0.93	716.8	29.6	20.7
91	13.11	1.62E-04	236.45	0.0996	0.0083	0.00587	0.93	716.8	29.6	20.7
91	13.11	1.62E-04	236.45	0.0996	0.0083	0.00587	0.93	716.8	29.6	20.7
91	13.11	1.62E-04	236.45	0.0996	0.0083	0.00587	0.93	716.8	29.6	20.7
91	13.11	1.62E-04	236.45	0.0996	0.0083	0.00587	0.93	716.8	29.6	20.7
87	12.53	1.62E-04	236.45	0.091	0.00759	0.00536	0.93	716.8	29.6	20.7
87	12.53	1.62E-04	236.45	0.091	0.00759	0.00536	0.93	716.8	29.6	20.7
87	12.53	1.62E-04	236.45	0.091	0.00759	0.00536	0.93	716.8	29.6	20.7
87	12.53	1.62E-04	236.45	0.091	0.00759	0.00536	0.93	716.8	29.6	20.7
87	12.53	1.49E-04	236.45	0.084	0.007	0.00495	0.93	716.8	29.6	20.7
83	11.95	1.56E-04	236.45	0.0796	0.00664	0.00469	0.93	716.8	29.9	21
83	11.95	1.60E-04	236.45	0.082	0.00684	0.00484	0.93	716.8	29.9	21
83	11.95	1.60E-04	236.45	0.082	0.00684	0.00484	0.93	716.8	29.9	21
83	11.95	1.60E-04	236.45	0.082	0.00684	0.00484	0.93	716.8	29.9	21
83	11.95	1.60E-04	236.44	0.082	0.00684	0.00484	0.93	716.8	29.9	21
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	29.9	20.9
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	29.9	20.9
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	29.9	20.9
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	29.9	20.9
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	29.9	20.9
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	29.9	20.9
79	11.38	1.63E-04	236.44	0.0758	0.00632	0.00447	0.93	716.8	29.9	20.9
79	11.38	1.62E-04	236.44	0.0751	0.00625	0.00442	0.93	716.8	29.9	20.9
79	11.38	1.62E-04	236.44	0.0751	0.00625	0.00442	0.93	716.8	29.9	20.9
79	11.38	1.62E-04	236.44	0.0751	0.00625	0.00442	0.93	716.8	29.9	20.9
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	29.9	20.9
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	30.1	20.8
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	30.1	20.8
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	30.1	20.8
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	30.1	20.8
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	30.1	20.8
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	30.1	20.7
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	30.1	20.7
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	30.1	20.7
79	11.38	1.60E-04	236.44	0.0743	0.00619	0.00438	0.93	716.8	30.1	20.7
79	11.38	1.54E-04	236.44	0.0714	0.00595	0.00421	0.93	716.8	30.1	20.7
79	11.38	1.54E-04	236.44	0.0714	0.00595	0.00421	0.93	716.8	30.1	20.7
79	11.38	1.54E-04	236.44	0.0714	0.00595	0.00421	0.93	716.8	30.1	20.7
79	11.38	1.54E-04	236.44	0.0714	0.00595	0.00421	0.93	716.8	30.1	20.7
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	30.1	20.7
79	11.38	1.52E-04	236.44	0.0707	0.00589	0.00417	0.93	716.8	30.1	20.7
79	11.38	1.54E-04	236.44	0.0714	0.00595	0.00421	0.93	716.8	30.1	20.7
79	11.38	1.54E-04	236.44	0.0714	0.00595	0.00421	0.93	716.8	30.1	20.7
79	11.38	1.57E-04	236.44	0.0729	0.00607	0.00429	0.93	716.8	30.1	20.7
79	11.38	1.57E-04	236.44	0.0729	0.00607	0.00429	0.93	716.8	30.1	20.7
75	10.8	1.56E-04	236.44	0.065	0.00542	0.00383	0.93	716.5	30.3	20.7
75	10.8	1.59E-04	236.44	0.0663	0.00553	0.00391	0.93	716.5	30.3	20.2
75	10.8	1.59E-04	236.44	0.0663	0.00553	0.00391	0.93	716.5	30.3	20.2
75	10.8	1.62E-04	236.44	0.0676	0.00564	0.00399	0.93	716.5	30.3	20.2
75	10.8	1.57E-04	236.44	0.0657	0.00547	0.00387	0.93	716.5	30.3	20.2
71	10.22	1.51E-04	236.44	0.0565	0.00471	0.00333	0.93	716.5	30.3	20.2
71	10.22	1.51E-04	236.44	0.0565	0.00471	0.00333	0.93	716.5	30.3	20.2
71	10.22	1.54E-04	236.44	0.0577	0.00481	0.0034	0.93	716.5	30.4	20.1
71	10.22	1.56E-04	236.44	0.0583	0.00486	0.00343	0.93	716.5	30.4	20.1
71	10.22	1.56E-04	236.44	0.0583	0.00486	0.00343	0.93	716.5	30.4	20.1
67.5	9.72	1.51E-04	236.44	0.0511	0.00426	0.00301	0.93	716.5	30.4	20.1
67.5	9.72	1.51E-04	236.44	0.0511	0.00426	0.00301	0.93	716.5	30.4	20.1
67.5	9.72	1.49E-04	236.44	0.0505	0.00421	0.00298	0.93	716.5	30.5	19.8
67.5	9.72	1.57E-04	236.44	0.0532	0.00443	0.00314	0.93	716.5	30.5	19.8
67.5	9.72	1.57E-04	236.44	0.0532	0.00443	0.00314	0.93	716.5	30.5	19.8
63.5	9.14	1.57E-04	236.44	0.0471	0.00392	0.00277	0.93	716.5	30.5	19.8
63.5	9.14	1.57E-04	236.44	0.0471	0.00392	0.00277	0.93	716.5	30.5	19.8
63.5	9.14	1.57E-04	236.44	0.0471	0.00392	0.00277	0.93	716.5	30.5	19.6
63.5	9.14	1.57E-04	236.44	0.0471	0.00392	0.00277	0.93	716.5	30.5	19.6
63.5	9.14	1.57E-04	236.44	0.0471	0.00392	0.00277	0.93	716.5	30.5	19.6
59.5	8.57	1.26E-04	236.44	0.0331	0.00276	0.00195	0.93	716.5	30.5	19.6
59.5	8.57	1.26E-04	236.44	0.0331	0.00276	0.00195	0.93	716.5	30.5	19.6
59.5	8.57	1.26E-04	236.44	0.0331	0.00276	0.00195	0.93	716.5	30.5	19.6
59.5	8.57	1.45E-04	236.44	0.038	0.00317	0.00224	0.93	716.5	30.5	19.6
59.5	8.57	1.45E-04	236.44	0.038	0.00317	0.00224	0.93	716.5	30.5	19.6

TABLA N° ANEXO C.35: Conductor 3, ACAR 2x2.59 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
21.2	31	714	0.92	73	10.51	2.59	0.4062

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
99	14.26	2.20E-02	244.85	16.5904	1.38253	0.97776	0.92	713.8	31.3	21.1
99	14.26	2.20E-02	244.85	16.5904	1.38253	0.97776	0.92	713.8	31.3	21.1
99	14.26	2.22E-02	244.85	16.7254	1.39378	0.98571	0.92	713.8	31.3	21.1
99	14.26	2.22E-02	244.85	16.7254	1.39378	0.98571	0.92	713.8	31.3	21.1
99	14.26	2.14E-02	244.86	16.1381	1.34484	0.95111	0.92	713.8	31.3	21.1
95	13.68	1.07E-02	244.77	7.4374	0.61978	0.43833	0.92	713.8	31.3	20.7
95	13.68	1.15E-02	244.74	7.9708	0.66424	0.46976	0.92	713.8	31.3	20.7
95	13.68	1.12E-02	244.74	7.7528	0.64606	0.45691	0.92	713.8	31.3	20.7
95	13.68	1.12E-02	244.74	7.7528	0.64606	0.45691	0.92	713.8	31.3	20.7
95	13.68	1.12E-02	244.74	7.7528	0.64606	0.45691	0.92	713.8	31.3	20.7
91	13.11	5.78E-03	244.7	3.6794	0.30661	0.21684	0.92	713.8	31.3	20.8
91	13.11	6.08E-03	244.74	3.8731	0.32276	0.22826	0.92	713.8	31.3	20.8
91	13.11	6.08E-03	244.74	3.8731	0.32276	0.22826	0.92	713.8	31.3	20.8
91	13.11	6.19E-03	244.78	3.9458	0.32882	0.23255	0.92	713.8	31.3	20.8
91	13.11	6.28E-03	244.78	4.0018	0.33349	0.23585	0.92	713.8	31.3	20.8
87	12.53	3.64E-03	244.78	2.1207	0.17673	0.12499	0.92	713.5	31.1	20.8
87	12.53	3.82E-03	244.78	2.2269	0.18557	0.13124	0.92	713.5	31.1	20.8
87	12.53	3.82E-03	244.78	2.2269	0.18557	0.13124	0.92	713.5	31.1	20.8
87	12.53	3.81E-03	244.78	2.2214	0.18511	0.13092	0.92	713.5	31.1	20.8
87	12.53	4.01E-03	244.78	2.3385	0.19487	0.13782	0.92	713.5	31.1	20.8
83	11.95	2.06E-03	244.78	1.0909	0.0909	0.06429	0.92	713.5	31.1	20.8
83	11.95	2.14E-03	244.78	1.1325	0.09438	0.06674	0.92	713.5	31.1	20.8
83	11.95	2.14E-03	244.78	1.1325	0.09438	0.06674	0.92	713.5	31.1	20.8
83	11.95	2.16E-03	244.78	1.1458	0.09549	0.06753	0.92	713.5	31.1	20.8
83	11.95	2.23E-03	244.78	1.1825	0.09854	0.06969	0.92	713.5	31.1	20.8
79	11.38	1.22E-03	244.79	0.5854	0.04879	0.0345	0.92	713.5	31	20.5
79	11.38	1.23E-03	244.79	0.59	0.04916	0.03477	0.92	713.5	31	20.5
79	11.38	1.22E-03	244.79	0.5869	0.04891	0.03459	0.92	713.5	31	20.5
79	11.38	1.22E-03	244.79	0.5869	0.04891	0.03459	0.92	713.5	31	20.5
79	11.38	1.23E-03	244.79	0.5915	0.04929	0.03486	0.92	713.5	31	20.5
79	11.38	1.23E-03	244.79	0.5915	0.04929	0.03486	0.92	713.5	31	20.5
79	11.38	1.22E-03	244.79	0.5839	0.04866	0.03441	0.92	713.5	31	20.5
79	11.38	1.23E-03	244.79	0.5915	0.04929	0.03486	0.92	713.5	31	20.5
79	11.38	1.24E-03	244.79	0.596	0.04967	0.03512	0.92	713.5	31	20.5
79	11.38	1.27E-03	244.79	0.6096	0.0508	0.03593	0.92	713.5	31	20.5
79	11.38	1.28E-03	244.79	0.6167	0.05139	0.03634	0.92	713.5	30.9	20.4
79	11.38	1.21E-03	244.79	0.5824	0.04853	0.03432	0.92	713.5	30.9	20.4
79	11.38	1.21E-03	244.79	0.5794	0.04828	0.03415	0.92	713.5	30.9	20.4
79	11.38	1.31E-03	244.79	0.6284	0.05237	0.03704	0.92	713.5	30.9	20.4
79	11.38	1.31E-03	244.79	0.6284	0.05237	0.03704	0.92	713.5	30.9	20.4
79	11.38	1.29E-03	244.79	0.6186	0.05155	0.03646	0.92	713.5	30.9	20.4
79	11.38	1.31E-03	244.79	0.6307	0.05256	0.03717	0.92	713.5	30.9	20.4
79	11.38	1.45E-03	244.79	0.6986	0.05822	0.04117	0.92	713.5	30.9	20.4
79	11.38	1.44E-03	244.79	0.691	0.05759	0.04073	0.92	713.5	30.9	20.4
79	11.38	1.48E-03	244.79	0.7091	0.0591	0.04179	0.92	713.5	30.9	20.4
79	11.38	1.48E-03	244.79	0.7091	0.0591	0.04179	0.92	713.5	30.8	20.4
79	11.38	1.48E-03	244.79	0.7122	0.05935	0.04197	0.92	713.5	30.8	20.4
79	11.38	1.42E-03	244.79	0.6812	0.05677	0.04015	0.92	713.5	30.8	20.4
79	11.38	1.45E-03	244.79	0.6971	0.05809	0.04108	0.92	713.5	30.8	20.4
79	11.38	1.46E-03	244.79	0.7001	0.05834	0.04126	0.92	713.5	30.8	20.4
79	11.38	1.46E-03	244.79	0.7001	0.05834	0.04126	0.92	713.5	30.8	20.4
79	11.38	1.40E-03	244.79	0.6707	0.05589	0.03953	0.92	713.5	30.8	20.4
79	11.38	1.42E-03	244.79	0.6835	0.05696	0.04028	0.92	713.5	30.8	20.4
79	11.38	1.33E-03	244.79	0.6367	0.05306	0.03753	0.92	713.5	30.8	20.4
79	11.38	1.43E-03	244.79	0.6888	0.0574	0.04059	0.92	713.5	30.8	20.4
75	10.8	8.86E-04	244.79	0.3835	0.03196	0.0226	0.92	713.5	30.8	20.4
75	10.8	8.77E-04	244.79	0.3794	0.03162	0.02236	0.92	713.5	30.8	20.4
75	10.8	8.80E-04	244.79	0.3808	0.03173	0.02244	0.92	713.5	30.8	20.4
75	10.8	8.80E-04	244.79	0.3808	0.03173	0.02244	0.92	713.5	30.8	20.4
75	10.8	8.72E-04	244.79	0.3774	0.03145	0.02224	0.92	713.5	30.8	20.4
71	10.22	6.09E-04	244.79	0.2364	0.0197	0.01393	0.92	713.5	30.8	20.4
71	10.22	6.17E-04	244.79	0.2395	0.01996	0.01411	0.92	713.5	30.8	20.4
71	10.22	6.08E-04	244.79	0.2358	0.01965	0.0139	0.92	713.5	30.8	20.4
71	10.22	6.08E-04	244.79	0.2358	0.01965	0.0139	0.92	713.5	30.8	20.4
71	10.22	5.83E-04	244.79	0.2261	0.01884	0.01332	0.92	713.5	30.8	20.4
67.5	9.72	5.01E-04	244.79	0.1757	0.01464	0.01035	0.92	713.5	30.8	20.4
67.5	9.72	5.01E-04	244.79	0.1757	0.01464	0.01035	0.92	713.5	30.8	20.4
67.5	9.72	5.01E-04	244.79	0.1757	0.01464	0.01035	0.92	713.5	30.8	20.4
67.5	9.72	5.12E-04	244.79	0.1795	0.01496	0.01058	0.92	713.5	30.8	20.4
67.5	9.72	5.22E-04	244.79	0.1828	0.01524	0.01078	0.92	713.5	30.8	20.4
63.5	9.14	4.60E-04	244.79	0.1428	0.0119	0.00842	0.92	713.5	30.8	20.4
63.5	9.14	4.60E-04	244.79	0.1428	0.0119	0.00842	0.92	713.5	30.8	20.4
63.5	9.14	4.49E-04	244.79	0.1394	0.01162	0.00822	0.92	713.5	30.8	20.4
63.5	9.14	4.63E-04	244.79	0.1438	0.01198	0.00847	0.92	713.5	30.8	20.4
63.5	9.14	4.68E-04	244.79	0.1453	0.0121	0.00856	0.92	713.5	30.8	20.4
59.5	8.57	4.18E-04	244.79	0.1138	0.00949	0.00671	0.92	713.5	30.8	20.5
59.5	8.57	4.26E-04	244.79	0.116	0.00966	0.00683	0.92	713.5	30.8	20.5
59.5	8.57	4.26E-04	244.79	0.116	0.00966	0.00683	0.92	713.5	30.8	20.5
59.5	8.57	4.21E-04	244.78	0.1147	0.00956	0.00676	0.92	713.5	30.8	20.5
59.5	8.57	4.23E-04	244.78	0.1151	0.00959	0.00678	0.92	713.5	30.8	20.5

TABLA N° ANEXO C.36: Conductor 3, ACAR 2x2.59 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
32.3	30.3	714.3	0.92	34.7	5	2.59	0.1926

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
99	14.26	4.21E-01	286.25	371.5417	30.96181	21.89695	0.91	713.3	32.8	20
99	14.26	4.21E-01	286.25	371.5417	30.96181	21.89695	0.91	713.3	32.8	20
99	14.26	4.21E-01	286.25	371.5417	30.96181	21.89695	0.91	713.3	32.8	20
99	14.26	4.22E-01	286.39	372.2779	31.02316	21.94033	0.91	713.3	32.8	20
99	14.26	4.22E-01	286.39	372.2779	31.02316	21.94033	0.91	713.3	32.8	20
95	13.68	4.01E-01	281.99	320.9621	26.74684	18.91602	0.91	713.3	32.8	19.3
95	13.68	4.02E-01	282.18	322.1892	26.8491	18.98834	0.91	713.3	32.8	19.3
95	13.68	4.02E-01	281.86	321.3247	26.77706	18.93739	0.91	713.3	32.8	19.3
95	13.68	4.01E-01	281.98	320.9616	26.7468	18.91599	0.91	713.3	32.8	19.3
95	13.68	4.02E-01	281.93	321.9003	26.82503	18.97132	0.91	713.3	32.8	19.3
91	13.11	3.76E-01	276.93	271.1035	22.59196	15.97759	0.91	713.3	32.8	19.6
91	13.11	3.77E-01	277.21	272.2895	22.6908	16.04748	0.91	713.3	32.8	19.6
91	13.11	3.77E-01	277.21	272.2895	22.6908	16.04748	0.91	713.3	32.8	19.6
91	13.11	3.81E-01	277.76	275.5526	22.96272	16.23979	0.91	713.3	32.8	19.6
91	13.11	3.82E-01	278.06	276.306	23.0255	16.2842	0.91	713.3	32.8	19.6
87	12.53	3.46E-01	271.56	223.5039	18.62532	13.17228	0.91	713.3	32.8	19.5
87	12.53	3.47E-01	271.46	223.8222	18.65185	13.19105	0.91	713.3	32.8	19.5
87	12.53	3.47E-01	271.46	223.8222	18.65185	13.19105	0.91	713.3	32.8	19.5
87	12.53	3.47E-01	271.46	223.8222	18.65185	13.19105	0.91	713.3	32.8	19.5
87	12.53	3.44E-01	271.25	222.0267	18.50222	13.08523	0.91	713.3	32.8	19.5
83	11.95	3.19E-01	267.1	184.4519	15.37099	10.87074	0.91	713.1	32.8	19.1
83	11.95	3.19E-01	267.25	184.9172	15.40977	10.89816	0.91	713.1	32.8	19.1
83	11.95	3.19E-01	267.25	184.9172	15.40977	10.89816	0.91	713.1	32.8	19.1
83	11.95	3.20E-01	267.35	185.3528	15.44607	10.92384	0.91	713.1	32.8	19.1
83	11.95	3.20E-01	267.35	185.3528	15.44607	10.92384	0.91	713.1	32.8	19.1
79	11.38	2.86E-01	262.58	147.1178	12.25982	8.67044	0.91	713.1	32.8	19.3
79	11.38	2.86E-01	262.58	147.1178	12.25982	8.67044	0.91	713.1	32.8	19.3
79	11.38	2.86E-01	262.63	147.4717	12.28931	8.6913	0.91	713.1	32.8	19.3
79	11.38	2.86E-01	262.63	147.4717	12.28931	8.6913	0.91	713.1	32.8	19.3
79	11.38	2.86E-01	262.63	147.4717	12.28931	8.6913	0.91	713.1	32.8	19.3
79	11.38	2.87E-01	262.57	147.7611	12.31342	8.70835	0.91	713.1	32.8	19.6
79	11.38	2.87E-01	262.57	147.7611	12.31342	8.70835	0.91	713.1	32.8	19.6
79	11.38	2.87E-01	262.57	147.7611	12.31342	8.70835	0.91	713.1	32.8	19.6
79	11.38	2.84E-01	262.45	146.4014	12.20012	8.62822	0.91	713.1	32.8	19.6
79	11.38	2.82E-01	262.75	145.5975	12.13313	8.58084	0.91	713.1	32.8	19.6
79	11.38	2.82E-01	262.13	144.9289	12.07741	8.54144	0.91	713.1	32.8	19.5
79	11.38	2.82E-01	262.13	144.9289	12.07741	8.54144	0.91	713.1	32.8	19.5
79	11.38	2.82E-01	262.07	144.8946	12.07455	8.53942	0.91	713.1	32.8	19.5
79	11.38	2.80E-01	261.55	143.6426	11.97021	8.46563	0.91	713.1	32.8	19.5
79	11.38	2.79E-01	261.37	142.899	11.90825	8.42181	0.91	713.1	32.8	19.5
79	11.38	2.79E-01	261.64	143.3669	11.94724	8.44938	0.91	713.1	32.9	19.6
79	11.38	2.92E-01	263.09	150.6468	12.5539	8.87843	0.91	713.1	32.9	19.6
79	11.38	2.92E-01	263.09	150.6468	12.5539	8.87843	0.91	713.1	32.9	19.6
79	11.38	2.93E-01	263.34	151.4429	12.62024	8.92534	0.91	713.1	32.9	19.6
79	11.38	2.89E-01	263.16	149.3919	12.44932	8.80447	0.91	713.1	32.9	19.6
79	11.38	2.89E-01	263.16	149.3919	12.44932	8.80447	0.91	713.1	32.9	19.6
79	11.38	2.91E-01	263.25	150.4174	12.53478	8.86491	0.91	713.1	32.9	19.6
79	11.38	2.92E-01	263.43	151.1699	12.59749	8.90925	0.91	713.1	32.9	19.6
79	11.38	2.92E-01	263.43	151.1699	12.59749	8.90925	0.91	713.1	32.9	19.6
79	11.38	2.95E-01	263.76	152.6592	12.7216	8.99703	0.91	713.1	32.9	19.6
79	11.38	2.95E-01	263.76	152.6592	12.7216	8.99703	0.91	713.1	32.8	19.5
79	11.38	2.94E-01	263.85	152.386	12.69883	8.98093	0.91	713.1	32.8	19.5
79	11.38	2.93E-01	263.67	151.6317	12.63598	8.93647	0.91	713.1	32.8	19.5
79	11.38	2.96E-01	263.77	152.9865	12.74887	9.01631	0.91	713.1	32.8	19.5
79	11.38	2.97E-01	263.95	153.7415	12.81179	9.06081	0.91	713.1	32.8	19.5
75	10.8	2.54E-01	258.84	116.3313	9.69427	6.85603	0.91	713.1	32.8	19.5
75	10.8	2.54E-01	258.84	116.3313	9.69427	6.85603	0.91	713.1	32.8	19.5
75	10.8	2.52E-01	258.46	115.2959	9.60799	6.795	0.91	713.1	32.8	19.5
75	10.8	2.52E-01	258.53	115.0429	9.58691	6.7801	0.91	713.1	32.8	19.5
75	10.8	2.52E-01	258.53	115.0429	9.58691	6.7801	0.91	713.1	32.8	19.5
71	10.22	2.08E-01	253.97	83.5789	6.96491	4.92575	0.91	713.1	32.8	19.3
71	10.22	2.08E-01	253.97	83.5789	6.96491	4.92575	0.91	713.1	32.8	19.3
71	10.22	2.08E-01	253.97	83.5789	6.96491	4.92575	0.91	713.1	32.8	19.3
71	10.22	2.11E-01	254.28	84.9451	7.07876	5.00627	0.91	713.1	32.8	19.3
71	10.22	2.09E-01	254.15	84.143	7.01191	4.959	0.91	713.1	32.8	19.3
67.5	9.72	1.72E-01	251.12	62.0358	5.16965	3.6561	0.91	713.1	32.7	19.2
67.5	9.72	1.72E-01	251.12	62.0358	5.16965	3.6561	0.91	713.1	32.7	19.2
67.5	9.72	1.74E-01	251.11	62.4874	5.20728	3.68272	0.91	713.1	32.7	19.2
67.5	9.72	1.74E-01	251.11	62.4874	5.20728	3.68272	0.91	713.1	32.7	19.2
67.5	9.72	1.74E-01	251.11	62.4874	5.20728	3.68272	0.91	713.1	32.7	19.2
63.5	9.14	1.35E-01	248.37	42.4322	3.53602	2.50076	0.91	713.1	32.7	19.4
63.5	9.14	1.35E-01	248.37	42.4322	3.53602	2.50076	0.91	713.1	32.7	19.4
63.5	9.14	1.45E-01	247.36	45.4121	3.78434	2.67638	0.91	713.1	32.7	19.4
63.5	9.14	1.45E-01	247.36	45.4121	3.78434	2.67638	0.91	713.1	32.7	19.4
63.5	9.14	1.33E-01	248.33	41.8312	3.48594	2.46534	0.91	713.1	32.7	19.4
59.5	8.57	9.52E-02	246.16	26.0782	2.17319	1.53693	0.91	713.1	32.7	19.1
59.5	8.57	9.71E-02	246.19	26.5983	2.21653	1.56758	0.91	713.1	32.7	19.1
59.5	8.57	9.71E-02	246.19	26.5983	2.21653	1.56758	0.91	713.1	32.7	19.1
59.5	8.57	9.58E-02	246.15	26.2498	2.18748	1.54704	0.91	713.1	32.7	19.1
59.5	8.57	9.58E-02	246.15	26.2498	2.18748	1.54704	0.91	713.1	32.7	19.1

TABLA N° ANEXO C.37: Conductor 4, AAAC TW 2.88 cm.

Muestra 1. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
25	30.3	714.5	0.92	136	21.16	2.88	0.8247

Pérdidas por efecto Corona en la Muestra 1

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
128	19.91	1.10E-04	149.6	0.0847	0.00706	0.00594	0.93	713.9	28.9	26.2
128	19.91	1.10E-04	149.6	0.0847	0.00706	0.00594	0.93	713.9	28.9	26.2
128	19.91	1.01E-04	149.6	0.0775	0.00646	0.00543	0.93	713.9	28.9	26.2
128	19.91	1.01E-04	149.6	0.0775	0.00646	0.00543	0.93	713.9	28.9	26.2
128	19.91	1.23E-04	149.6	0.0944	0.00787	0.00661	0.93	713.9	28.9	26.2
123.5	19.21	1.01E-04	149.6	0.0723	0.00603	0.00507	0.93	713.9	28.9	26.2
123.5	19.21	1.18E-04	149.6	0.0845	0.00704	0.00592	0.93	713.9	28.9	26.2
123.5	19.21	9.58E-05	149.6	0.0687	0.00573	0.00482	0.93	713.9	28.9	26.2
123.5	19.21	9.58E-05	149.6	0.0687	0.00573	0.00482	0.93	713.9	28.9	26.2
123.5	19.21	1.01E-04	149.6	0.0723	0.00603	0.00507	0.93	713.9	28.9	26.2
119	18.51	1.19E-04	149.6	0.0795	0.00663	0.00557	0.93	713.9	28.9	26.2
119	18.51	8.80E-05	149.6	0.0586	0.00488	0.0041	0.93	713.9	28.9	26.2
119	18.51	1.13E-04	149.6	0.0753	0.00628	0.00528	0.93	713.9	28.9	26.2
119	18.51	8.80E-05	149.59	0.0586	0.00488	0.0041	0.93	713.9	28.9	26.2
119	18.51	8.80E-05	149.59	0.0586	0.00488	0.0041	0.93	713.9	29	26.2
114.5	17.81	9.42E-05	149.6	0.0581	0.00484	0.00407	0.93	713.9	29	26.2
114.5	17.81	9.11E-05	149.6	0.0562	0.00468	0.00394	0.93	713.9	29	26.2
114.5	17.81	9.11E-05	149.6	0.0562	0.00468	0.00394	0.93	713.9	29	26.2
114.5	17.81	1.01E-04	149.6	0.062	0.00517	0.00434	0.93	713.9	29	26.2
114.5	17.81	1.01E-04	149.6	0.062	0.00517	0.00434	0.93	713.9	29.3	26.3
109.5	17.04	1.01E-04	149.6	0.0567	0.00472	0.00397	0.93	713.9	29.3	26.3
109.5	17.04	1.01E-04	149.6	0.0567	0.00472	0.00397	0.93	713.9	29.3	26.3
109.5	17.04	1.01E-04	149.6	0.0567	0.00472	0.00397	0.93	713.9	29.3	26.3
109.5	17.04	1.07E-04	149.6	0.0602	0.00502	0.00422	0.93	713.9	29.3	26.3
109.5	17.04	1.01E-04	149.6	0.0569	0.00474	0.00398	0.93	713.8	29.1	26.3
105	16.34	9.90E-05	149.59	0.0513	0.00428	0.00359	0.93	713.8	29.1	26.3
105	16.34	9.90E-05	149.59	0.0513	0.00428	0.00359	0.93	713.8	29.1	26.3
105	16.34	8.48E-05	149.6	0.044	0.00367	0.00308	0.93	713.8	29.1	26.3
105	16.34	9.74E-05	149.6	0.0505	0.00421	0.00354	0.93	713.8	29.3	26.3
105	16.34	9.74E-05	149.6	0.0505	0.00421	0.00354	0.93	713.8	29.3	26.3
100.5	15.64	9.74E-05	149.6	0.0463	0.00386	0.00324	0.93	713.8	29.3	26.3
100.5	15.64	1.05E-04	149.6	0.05	0.00417	0.0035	0.93	713.8	29.3	26.3
100.5	15.64	9.90E-05	149.6	0.047	0.00392	0.00329	0.93	713.8	29.3	26.3
100.5	15.64	1.19E-04	149.59	0.0567	0.00473	0.00397	0.93	713.8	29	27.2
100.5	15.64	1.19E-04	149.59	0.0567	0.00473	0.00397	0.93	713.8	29	27.2
96	14.94	1.19E-04	149.6	0.0517	0.00431	0.00362	0.93	713.8	29	27.2
96	14.94	1.13E-04	149.59	0.049	0.00408	0.00343	0.93	713.8	29	27.2
96	14.94	8.80E-05	149.59	0.0381	0.00318	0.00267	0.93	713.8	29	27.2
96	14.94	1.13E-04	149.59	0.0489	0.00407	0.00342	0.93	713.8	29	27.2
96	14.94	1.15E-04	149.6	0.0497	0.00414	0.00348	0.93	713.6	29	27.2
91.5	14.24	1.23E-04	149.59	0.0482	0.00402	0.00338	0.93	713.6	29	27.2
91.5	14.24	1.21E-04	149.6	0.0476	0.00397	0.00334	0.93	713.6	29.3	27.5
91.5	14.24	1.16E-04	149.6	0.0458	0.00381	0.00321	0.93	713.6	29.3	27.5
91.5	14.24	1.19E-04	149.6	0.047	0.00392	0.00329	0.93	713.6	29.3	27.5
91.5	14.24	1.19E-04	149.6	0.047	0.00392	0.00329	0.93	713.6	29.3	27.5
91.5	14.24	1.01E-04	149.59	0.0396	0.0033	0.00277	0.93	713.6	29.3	27.5
91.5	14.24	1.01E-04	149.59	0.0396	0.0033	0.00277	0.93	713.6	29.3	28.3
91.5	14.24	1.18E-04	149.59	0.0464	0.00387	0.00325	0.93	713.6	29.3	28.3
91.5	14.24	1.19E-04	149.59	0.047	0.00392	0.00329	0.93	713.6	29.3	28.3
91.5	14.24	1.19E-04	149.59	0.047	0.00392	0.00329	0.93	713.6	29.3	28.3
91.5	14.24	1.19E-04	149.59	0.047	0.00392	0.00329	0.93	713.6	29.3	28.3
91.5	14.24	1.19E-04	149.59	0.047	0.00392	0.00329	0.93	713.6	29.3	28.3
91.5	14.24	1.10E-04	149.6	0.0433	0.00361	0.00303	0.93	713.6	29.3	28.3
91.5	14.24	1.07E-04	149.59	0.0421	0.0035	0.00295	0.93	713.6	29.3	28.3
91.5	14.24	1.18E-04	149.59	0.0464	0.00387	0.00325	0.93	713.6	29.3	28.6
91.5	14.24	1.18E-04	149.59	0.0464	0.00387	0.00325	0.93	713.6	29.3	28.6
91.5	14.24	1.18E-04	149.59	0.0464	0.00387	0.00325	0.93	713.6	29.3	28.6
91.5	14.24	1.30E-04	149.6	0.0513	0.00428	0.0036	0.93	713.6	29.3	28.6
91.5	14.24	9.11E-05	149.6	0.0359	0.00299	0.00251	0.93	713.6	29.3	28.6
91.5	14.24	1.13E-04	149.6	0.0445	0.00371	0.00312	0.93	713.6	29.3	28.9
91.5	14.24	1.23E-04	149.6	0.0482	0.00402	0.00338	0.93	713.6	29.3	28.9
91.5	14.24	1.21E-04	149.6	0.0476	0.00397	0.00334	0.93	713.6	29.3	28.9
91.5	14.24	1.21E-04	149.59	0.0476	0.00397	0.00334	0.93	713.6	29.3	28.9
91.5	14.24	1.21E-04	149.6	0.0476	0.00397	0.00334	0.93	713.6	29.3	28.9
91.5	14.24	9.90E-05	149.6	0.039	0.00325	0.00273	0.93	713.6	29.3	28.9
91.5	14.24	9.90E-05	149.6	0.039	0.00325	0.00273	0.93	713.6	29.3	28.9
91.5	14.24	1.26E-04	149.6	0.0495	0.00412	0.00347	0.93	713.6	29.3	28.9
91.5	14.24	1.18E-04	149.6	0.0464	0.00387	0.00325	0.93	713.6	29.3	28.9
91.5	14.24	1.15E-04	149.6	0.0451	0.00376	0.00316	0.93	713.6	29.3	28.9
87	13.54	1.13E-04	149.6	0.0403	0.00335	0.00282	0.93	713.6	29.3	28.9
87	13.54	1.12E-04	149.6	0.0397	0.00331	0.00278	0.93	713.6	29.3	28.9
87	13.54	1.16E-04	149.6	0.0414	0.00345	0.0029	0.93	713.6	29.3	28.9
87	13.54	1.04E-04	149.6	0.0369	0.00308	0.00259	0.93	713.6	29.3	29.3
87	13.54	1.04E-04	149.6	0.0369	0.00308	0.00259	0.93	713.6	29.3	29.3
82.5	12.84	1.38E-04	149.6	0.0442	0.00369	0.0031	0.93	713.6	29.3	29.3
82.5	12.84	1.38E-04	149.6	0.0442	0.00369	0.0031	0.93	713.6	29.3	29.3
82.5	12.84	1.23E-04	149.8	0.0392	0.00327	0.00275	0.93	713.6	29.3	29.3
82.5	12.84	1.08E-04	149.6	0.0347	0.00289	0.00243	0.93	713.6	29.3	29.4
82.5	12.84	1.10E-04	149.6	0.0352	0.00293	0.00247	0.93	713.6	29.3	29.4

TABLA N° ANEXO C.38: Conductor 4, AAAC TW 2.88 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
37.1	20.8	722.4	0.96	106.3	16.54	2.88	0.6204

Pérdidas por efecto Corona en la Muestra 1

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	1.27E-01	150.66	78.5808	6.5484	5.50527	0.96	720	22.6	31.7
114.5	17.81	1.33E-01	150.64	82.4703	6.87253	5.77777	0.96	720	22.6	31.7
114.5	17.81	1.33E-01	150.64	82.4703	6.87253	5.77777	0.96	720	22.6	31.7
114.5	17.81	1.36E-01	150.51	84.3508	7.02923	5.90951	0.96	720	22.6	31.7
114.5	17.81	1.20E-01	150.45	74.5762	6.21468	5.22471	0.96	720	22.6	31.7
109.5	17.04	5.70E-04	150.13	0.3227	0.02689	0.02261	0.95	720	22.7	31.8
109.5	17.04	6.31E-04	150.13	0.3573	0.02978	0.02503	0.95	720	22.7	31.8
109.5	17.04	6.57E-04	150.13	0.3716	0.03096	0.02603	0.95	720	22.7	31.8
109.5	17.04	6.97E-04	150.13	0.3947	0.03289	0.02765	0.95	720	22.7	31.8
109.5	17.04	6.97E-04	150.13	0.3947	0.03289	0.02765	0.95	720	22.7	31.8
105	16.34	5.56E-04	150.13	0.2893	0.02411	0.02027	0.95	720	22.7	31.8
105	16.34	5.56E-04	150.13	0.2893	0.02411	0.02027	0.95	720	22.7	31.8
105	16.34	5.87E-04	150.13	0.3057	0.02547	0.02142	0.95	720	22.7	31.8
105	16.34	5.18E-04	150.13	0.2697	0.02248	0.0189	0.95	720	22.7	31.8
105	16.34	5.18E-04	150.13	0.2697	0.02248	0.0189	0.95	720	22.7	31.8
100.5	15.64	4.16E-04	150.12	0.1984	0.01653	0.0139	0.96	720.3	22.7	31.8
100.5	15.64	4.54E-04	150.13	0.2164	0.01803	0.01516	0.96	720.3	22.7	31.8
100.5	15.64	4.54E-04	150.13	0.2164	0.01803	0.01516	0.96	720.3	22.7	31.8
100.5	15.64	4.46E-04	150.13	0.2127	0.01772	0.0149	0.96	720.3	22.7	31.8
100.5	15.64	4.46E-04	150.13	0.2127	0.01772	0.0149	0.96	720.3	22.7	31.8
96	14.94	3.80E-04	150.13	0.1653	0.01378	0.01158	0.96	720.3	22.7	31.8
96	14.94	3.80E-04	150.13	0.1653	0.01378	0.01158	0.96	720.3	22.7	31.8
96	14.94	3.86E-04	150.13	0.1681	0.01401	0.01177	0.96	720.3	22.7	31.8
96	14.94	3.69E-04	150.12	0.1606	0.01338	0.01125	0.96	720.3	22.7	31.8
96	14.94	3.60E-04	150.13	0.1565	0.01304	0.01096	0.96	720.3	22.7	31.8
91.5	14.24	3.39E-04	150.12	0.1341	0.01117	0.00939	0.96	720.3	22.7	31.8
91.5	14.24	3.02E-04	150.12	0.1192	0.00993	0.00835	0.96	720.3	22.7	31.8
91.5	14.24	3.14E-04	150.13	0.1241	0.01034	0.0087	0.96	720.3	22.7	31.8
91.5	14.24	3.11E-04	150.13	0.1229	0.01024	0.00861	0.96	720.3	22.7	31.8
91.5	14.24	3.11E-04	150.13	0.1229	0.01024	0.00861	0.95	720.3	22.8	31.8
91.5	14.24	3.11E-04	150.13	0.1229	0.01024	0.00861	0.95	720.3	22.8	31.8
91.5	14.24	3.14E-04	150.13	0.1241	0.01034	0.0087	0.95	720.3	22.8	31.8
91.5	14.24	3.14E-04	150.13	0.1241	0.01034	0.0087	0.95	720.3	22.8	31.8
91.5	14.24	3.24E-04	150.12	0.1279	0.01065	0.00896	0.95	720.3	22.8	31.8
91.5	14.24	3.08E-04	150.13	0.1216	0.01014	0.00852	0.95	720.3	22.8	31.8
91.5	14.24	2.98E-04	150.13	0.1179	0.00983	0.00826	0.95	720.3	22.8	31.8
91.5	14.24	3.20E-04	150.13	0.1266	0.01055	0.00887	0.95	720.3	22.8	31.8
91.5	14.24	3.20E-04	150.13	0.1266	0.01055	0.00887	0.95	720.3	22.8	31.8
91.5	14.24	3.20E-04	150.13	0.1266	0.01055	0.00887	0.95	720.3	22.8	31.8
91.5	14.24	3.14E-04	150.13	0.1241	0.01034	0.0087	0.95	720.3	23	31.6
91.5	14.24	3.14E-04	150.13	0.1241	0.01034	0.0087	0.95	720.3	23	31.6
91.5	14.24	3.20E-04	150.13	0.1266	0.01055	0.00887	0.95	720.3	23	31.6
91.5	14.24	3.20E-04	150.13	0.1266	0.01055	0.00887	0.95	720.3	23	31.6
91.5	14.24	3.20E-04	150.13	0.1266	0.01055	0.00887	0.95	720.3	23	31.6
91.5	14.24	3.14E-04	150.12	0.1241	0.01034	0.0087	0.95	720.3	23	31.7
91.5	14.24	3.14E-04	150.12	0.1241	0.01034	0.0087	0.95	720.3	23	31.7
91.5	14.24	3.02E-04	150.13	0.1192	0.00993	0.00835	0.95	720.3	23	31.7
91.5	14.24	3.02E-04	150.13	0.1192	0.00993	0.00835	0.95	720.3	23	31.7
91.5	14.24	3.02E-04	150.13	0.1192	0.00993	0.00835	0.95	720.3	23	31.7
91.5	14.24	3.14E-04	150.13	0.1241	0.01034	0.0087	0.95	720.3	23	31.6
91.5	14.24	3.27E-04	150.13	0.1291	0.01076	0.00904	0.95	720.3	23	31.6
91.5	14.24	3.27E-04	150.13	0.1291	0.01076	0.00904	0.95	720.3	23	31.6
91.5	14.24	3.27E-04	150.13	0.1291	0.01076	0.00904	0.95	720.3	23	31.6
91.5	14.24	3.24E-04	150.13	0.1279	0.01065	0.00896	0.95	720.3	23	31.6
91.5	14.24	3.19E-04	150.13	0.126	0.0105	0.00883	0.95	720.3	23	31.6
87	13.54	2.86E-04	150.13	0.1021	0.00851	0.00715	0.95	720.3	23	31.6
87	13.54	3.11E-04	150.12	0.1111	0.00926	0.00778	0.95	720.3	23	31.6
87	13.54	3.14E-04	150.13	0.1122	0.00935	0.00786	0.95	720.3	23	31.6
87	13.54	3.14E-04	150.13	0.1122	0.00935	0.00786	0.95	720.3	23	31.6
87	13.54	3.14E-04	150.13	0.1122	0.00935	0.00786	0.95	720.3	23	31.6
82.5	12.84	2.92E-04	150.13	0.0939	0.00782	0.00658	0.95	720.3	23	31.6
82.5	12.84	2.92E-04	150.13	0.0939	0.00782	0.00658	0.95	720.3	23	31.6
82.5	12.84	2.92E-04	150.13	0.0939	0.00782	0.00658	0.95	720.3	23	31.6
82.5	12.84	2.89E-04	150.13	0.0928	0.00774	0.0065	0.95	720.3	23	31.6
82.5	12.84	2.89E-04	150.13	0.0928	0.00774	0.0065	0.95	720.3	23	31.6
77.5	12.06	2.73E-04	150.13	0.0775	0.00646	0.00543	0.95	720.3	23	31.6
77.5	12.06	2.73E-04	150.13	0.0775	0.00646	0.00543	0.95	720.3	23	31.6
77.5	12.06	2.73E-04	150.13	0.0775	0.00646	0.00543	0.95	720.3	23	31.6
77.5	12.06	2.73E-04	150.13	0.0775	0.00646	0.00543	0.95	720.3	23	31.6
77.5	12.06	2.70E-04	150.13	0.0766	0.00638	0.00537	0.95	720.3	23	31.6
73	11.36	2.70E-04	150.13	0.068	0.00586	0.00476	0.95	720.3	23	31.9
73	11.36	2.70E-04	150.13	0.066	0.00566	0.00476	0.95	720.3	23	31.9
73	11.36	2.70E-04	150.13	0.068	0.00566	0.00476	0.95	720.3	23	31.9
73	11.36	2.83E-04	150.13	0.0711	0.00593	0.00498	0.95	720.3	23	31.9
73	11.36	2.86E-04	150.12	0.0719	0.00599	0.00504	0.95	720.3	23	31.9
68.5	10.66	2.61E-04	150.13	0.0577	0.00481	0.00405	0.95	720.3	23	31.9
68.5	10.66	2.73E-04	150.13	0.0605	0.00504	0.00424	0.95	720.3	23	31.9
68.5	10.66	2.73E-04	150.13	0.0605	0.00504	0.00424	0.95	720.3	23	31.9
68.5	10.66	2.51E-04	150.13	0.0557	0.00464	0.0039	0.95	720.3	23	31.9
68.5	10.66	2.83E-04	150.12	0.0626	0.00522	0.00439	0.95	720.3	23	31.9

TABLA N° ANEXO C.39: Conductor 4, AAAC TW 2.88 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
46.3	25	716	0.94	65.6	10.21	2.88	0.3908

Pérdidas por efecto Corona en la Muestra 1

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	3.20E-01	165.92	219.0926	18.25772	15.34935	0.94	715.2	25.9	34.8
114.5	17.81	3.13E-01	165.67	213.3995	17.78329	14.9505	0.94	715.2	25.9	34.8
114.5	17.81	3.13E-01	165.67	213.4004	17.78336	14.95056	0.94	715.2	25.9	34.8
114.5	17.81	3.11E-01	165.51	211.9162	17.65968	14.84658	0.94	715.2	25.9	34.8
114.5	17.81	3.17E-01	165.98	217.0088	18.08407	15.20336	0.94	715.2	26	43.2
109.5	17.04	2.55E-01	162.15	155.8658	12.98882	10.91976	0.94	715.2	26	43.2
109.5	17.04	2.58E-01	162.22	157.4706	13.12255	11.03219	0.94	715.2	26	43.2
109.5	17.04	2.52E-01	162.11	153.7145	12.80954	10.76904	0.94	715.2	26	43.2
109.5	17.04	2.54E-01	162.19	155.5226	12.96022	10.89572	0.94	715.2	26	43.2
109.5	17.04	2.55E-01	162.14	155.8594	12.98828	10.91931	0.94	715.2	25.8	43.5
105	16.34	1.87E-01	159.25	103.301	8.60841	7.23714	0.94	715.2	25.8	43.5
105	16.34	1.90E-01	159.34	104.9199	8.74332	7.35055	0.94	715.2	25.8	43.5
105	16.34	1.93E-01	159.42	106.5231	8.87693	7.46287	0.94	715.2	25.8	43.5
105	16.34	1.90E-01	159.32	105.0667	8.75556	7.36084	0.94	715.2	25.8	43.5
105	16.34	1.86E-01	159.09	102.3185	8.52654	7.1683	0.94	715.2	26	43.4
100.5	15.64	1.32E-01	157.59	66.2867	5.52389	4.64396	0.94	715.2	26	43.4
100.5	15.64	1.31E-01	157.64	65.8	5.48333	4.60986	0.94	715.2	26	43.4
100.5	15.64	1.32E-01	157.63	66.1127	5.50939	4.63177	0.94	715.2	26	43.4
100.5	15.64	1.28E-01	157.55	63.8774	5.32311	4.47517	0.94	715.2	26	43.4
100.5	15.64	1.30E-01	157.55	64.8199	5.40166	4.5412	0.94	715.2	25.8	43.4
96	14.94	8.59E-02	156.77	39.011	3.25091	2.73306	0.94	715.2	25.8	43.4
96	14.94	8.65E-02	156.76	39.2921	3.27434	2.75276	0.94	715.2	25.8	43.4
96	14.94	8.63E-02	156.78	39.1829	3.26524	2.7451	0.94	715.2	25.8	43.4
96	14.94	8.91E-02	156.82	40.4764	3.37303	2.83573	0.94	715.2	25.8	43.4
96	14.94	8.88E-02	156.81	40.3313	3.36094	2.82556	0.94	715.2	26	43.3
91.5	14.24	5.66E-02	156.47	23.2943	1.94119	1.63197	0.94	715.2	26	43.3
91.5	14.24	5.63E-02	156.47	23.1655	1.93046	1.62295	0.94	715.2	26	43.3
91.5	14.24	5.66E-02	156.49	23.2988	1.94157	1.63228	0.94	715.2	26	43.3
91.5	14.24	5.25E-02	156.46	21.6124	1.80103	1.51414	0.94	715.2	26	43.3
91.5	14.24	5.09E-02	156.48	20.9725	1.74771	1.46931	0.94	715.2	26.1	43
91.5	14.24	5.44E-02	156.48	22.3958	1.86631	1.56902	0.94	715.2	26.1	43
91.5	14.24	5.56E-02	156.48	22.9143	1.90952	1.60534	0.94	715.2	26.1	43
91.5	14.24	5.47E-02	156.5	22.5221	1.87684	1.57787	0.94	715.2	26.1	43
91.5	14.24	5.06E-02	156.61	20.8571	1.73809	1.46122	0.94	715.2	26.1	43
91.5	14.24	5.53E-02	156.48	22.7798	1.89832	1.59593	0.94	715.2	26	43.1
91.5	14.24	5.72E-02	156.5	23.5602	1.96335	1.6506	0.94	715.2	26	43.1
91.5	14.24	4.87E-02	156.48	20.0636	1.67197	1.40563	0.94	715.2	26	43.1
91.5	14.24	4.84E-02	156.44	19.9277	1.66064	1.39611	0.94	715.2	26	43.1
91.5	14.24	5.09E-02	156.49	20.9689	1.74741	1.46905	0.94	715.2	26	43.1
91.5	14.24	5.12E-02	156.48	21.0975	1.75812	1.47806	0.94	715.2	26	43.1
91.5	14.24	5.25E-02	156.47	21.619	1.80158	1.5146	0.94	715.2	26.2	43
91.5	14.24	5.19E-02	156.49	21.3814	1.78178	1.49795	0.94	715.2	26.2	43
91.5	14.24	5.25E-02	156.49	21.641	1.80342	1.51614	0.94	715.2	26.2	43
91.5	14.24	5.14E-02	156.48	21.171	1.76425	1.48321	0.94	715.2	26.2	43
91.5	14.24	5.29E-02	156.49	21.7746	1.81455	1.5255	0.94	715.2	26.2	43
91.5	14.24	5.19E-02	156.48	21.3854	1.78212	1.49824	0.94	715.2	26.2	43
91.5	14.24	5.38E-02	156.48	22.162	1.84683	1.55264	0.94	715.2	26.1	42.8
91.5	14.24	5.19E-02	156.47	21.3844	1.78203	1.49816	0.94	715.2	26.1	42.8
91.5	14.24	5.54E-02	156.5	22.8126	1.90105	1.59822	0.94	715.2	26.1	42.8
91.5	14.24	5.48E-02	156.49	22.5519	1.87933	1.57996	0.94	715.2	26.1	42.8
91.5	14.24	5.22E-02	156.48	21.5156	1.79296	1.50735	0.94	715.2	26.1	42.8
91.5	14.24	4.91E-02	156.48	20.2294	1.68579	1.41725	0.94	715.2	26.1	42.8
91.5	14.24	5.13E-02	156.48	21.1357	1.76131	1.48074	0.94	715.2	26.1	42.8
91.5	14.24	5.13E-02	156.47	21.117	1.75975	1.47943	0.94	715.2	26.1	42.8
91.5	14.24	5.00E-02	156.48	20.6007	1.71672	1.44326	0.94	715.2	26.1	42.8
87	13.54	3.05E-02	156.43	11.3484	0.9457	0.79505	0.94	715.2	26.1	42.8
87	13.54	3.14E-02	156.44	11.6999	0.97499	0.81968	0.94	715.2	26.1	42.8
87	13.54	3.13E-02	156.44	11.6649	0.97207	0.81723	0.94	715.2	26.1	42.8
87	13.54	3.04E-02	156.44	11.3018	0.94181	0.79179	0.94	715.2	26.1	42.8
87	13.54	2.97E-02	156.43	11.0584	0.92153	0.77474	0.94	715.2	26	42.9
82.5	12.84	1.60E-02	156.45	5.3401	0.44501	0.37412	0.94	715.2	26	42.9
82.5	12.84	1.59E-02	156.44	5.3148	0.4429	0.37235	0.94	715.2	26	42.9
82.5	12.84	1.58E-02	156.44	5.2859	0.4405	0.37033	0.94	715.2	26	42.9
82.5	12.84	1.58E-02	156.44	5.2749	0.43958	0.36955	0.94	715.2	26	42.9
82.5	12.84	1.58E-02	156.44	5.2749	0.43958	0.36955	0.94	715.2	25.9	43.1
77.5	12.06	8.85E-03	156.46	2.6131	0.21775	0.18307	0.94	715.2	25.9	43.1
77.5	12.06	8.54E-03	156.46	2.5235	0.21029	0.17679	0.94	715.2	25.9	43.1
77.5	12.06	8.86E-03	156.46	2.5597	0.2133	0.17933	0.94	715.2	25.9	43.1
77.5	12.06	8.37E-03	156.46	2.472	0.206	0.17318	0.94	715.2	25.9	43.1
77.5	12.06	8.18E-03	156.46	2.4176	0.20147	0.16938	0.94	715.2	25.9	43.1
73	11.36	5.51E-03	156.47	1.4432	0.12026	0.10111	0.94	715.2	25.8	43.3
73	11.36	5.49E-03	156.46	1.4382	0.11985	0.10076	0.94	715.2	25.8	43.3
73	11.36	5.60E-03	156.46	1.4691	0.12242	0.10292	0.94	715.2	25.8	43.3
73	11.36	5.66E-03	156.47	1.4827	0.12356	0.10387	0.94	715.2	25.8	43.3
73	11.36	5.54E-03	156.47	1.4534	0.12112	0.10183	0.94	715.2	26	43.2
68.5	10.66	3.06E-03	156.47	0.707	0.05892	0.04953	0.94	715.2	26	43.2
68.5	10.66	3.00E-03	156.47	0.6932	0.05777	0.04857	0.94	715.2	26	43.2
68.5	10.66	2.95E-03	156.47	0.6805	0.05671	0.04768	0.94	715.2	26	43.2
68.5	10.66	2.99E-03	156.47	0.6892	0.05744	0.04829	0.94	715.2	26	43.2
68.5	10.66	2.99E-03	156.47	0.6892	0.05744	0.04829	0.94	715.2	26	43.2

TABLA N° ANEXO C.40: Conductor 4, AAAC TW 2.88 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
46.1	26.3	718.5	0.94	32.95	5.13	2.88	0.1965

Pérdidas por efecto Corona en la Muestra 1

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	6.11E-01	214.95	541.0858	45.09048	37.90779	0.94	717.6	26.9	41.8
114.5	17.81	6.09E-01	215.01	539.5626	44.96355	37.80107	0.94	717.6	26.9	41.8
114.5	17.81	6.11E-01	215.26	541.847	45.15391	37.96111	0.94	717.6	26.9	41.8
114.5	17.81	6.15E-01	216.06	547.2124	45.60103	38.33701	0.94	717.6	26.9	41.8
114.5	17.81	6.18E-01	215.42	548.9437	45.74531	38.4583	0.94	717.6	26.9	41.8
109.5	17.04	5.99E-01	211.04	476.3599	39.69666	33.37317	0.94	717.6	26.9	42
109.5	17.04	5.99E-01	211.04	476.3599	39.69666	33.37317	0.94	717.6	26.9	42
109.5	17.04	6.01E-01	211.22	478.7793	39.89828	33.54267	0.94	717.6	26.9	42
109.5	17.04	5.97E-01	210.89	474.5241	39.54368	33.24456	0.94	717.6	26.9	42
109.5	17.04	5.97E-01	210.89	474.526	39.54383	33.24469	0.94	717.6	26.9	42
105	16.34	5.78E-01	206.52	413.7836	34.48196	28.98915	0.94	717.6	26.9	41.3
105	16.34	5.79E-01	206.41	414.004	34.50033	29.00459	0.94	717.6	26.9	41.3
105	16.34	5.78E-01	206.79	414.3231	34.52693	29.02695	0.94	717.6	26.9	41.3
105	16.34	5.80E-01	206.72	415.5408	34.6284	29.11226	0.94	717.6	26.9	41.3
105	16.34	5.80E-01	206.72	415.5408	34.6284	29.11226	0.94	717.6	26.9	41.3
100.5	15.64	5.60E-01	202.24	359.9222	29.99352	25.2157	0.94	717.6	26.9	41.3
100.5	15.64	5.60E-01	202.35	359.7114	29.97595	25.20093	0.94	717.6	26.9	41.3
100.5	15.64	5.62E-01	202.43	361.4665	30.12221	25.32388	0.94	717.6	26.9	41.3
100.5	15.64	5.62E-01	200	356.7324	29.7277	24.99222	0.94	717.6	26.9	41.3
100.5	15.64	5.61E-01	202.13	360.1326	30.01105	25.23043	0.94	717.6	26.8	42.1
96	14.94	5.42E-01	197.73	310.2969	25.85807	21.73901	0.94	717.5	26.8	42.1
96	14.94	5.42E-01	197.73	310.2969	25.85807	21.73901	0.94	717.5	26.8	42.1
96	14.94	5.40E-01	197.7	309.5241	25.79368	21.68487	0.94	717.5	26.8	42.1
96	14.94	5.42E-01	197.73	310.2969	25.85807	21.73901	0.94	717.5	26.8	42.1
96	14.94	5.42E-01	197.73	310.2969	25.85807	21.73901	0.94	717.5	26.8	42.4
91.5	14.24	5.20E-01	193.27	264.6514	22.05429	18.54114	0.94	717.5	26.8	42.4
91.5	14.24	5.20E-01	193.14	264.159	22.01325	18.50665	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.89	263.1767	21.93139	18.43782	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.99	262.9926	21.91605	18.42493	0.94	717.5	26.8	42.6
91.5	14.24	5.19E-01	193.01	263.6675	21.97229	18.47221	0.94	717.5	26.8	42.6
91.5	14.24	5.15E-01	192.71	261.3398	21.77831	18.30913	0.94	717.5	26.8	42.6
91.5	14.24	5.17E-01	192.74	262.0131	21.83443	18.35631	0.94	717.5	26.8	42.6
91.5	14.24	5.19E-01	192.95	263.5752	21.9646	18.46575	0.94	717.5	26.8	42.6
91.5	14.24	5.19E-01	193.01	263.6675	21.97229	18.47221	0.94	717.5	26.8	42.6
91.5	14.24	5.19E-01	193.01	263.6675	21.97229	18.47221	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.76	262.6867	21.89055	18.40349	0.94	717.5	26.8	42.4
91.5	14.24	5.19E-01	193.01	263.6675	21.97229	18.47221	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.89	263.1767	21.93139	18.43782	0.94	717.5	26.8	42.4
91.5	14.24	5.17E-01	192.8	262.417	21.86808	18.3846	0.94	717.5	26.8	42.4
91.5	14.24	5.16E-01	192.77	261.7433	21.81194	18.3374	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.92	262.9069	21.90891	18.41892	0.94	717.5	26.8	42.4
91.5	14.24	5.17E-01	192.8	262.417	21.86808	18.3846	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.92	262.9069	21.90891	18.41892	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.92	262.9069	21.90891	18.41892	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.92	262.9069	21.90891	18.41892	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	192.83	263.0909	21.92424	18.43181	0.94	717.5	26.8	42.4
91.5	14.24	5.19E-01	192.95	263.5814	21.96512	18.46618	0.94	717.5	26.8	42.4
91.5	14.24	5.18E-01	193.05	263.3976	21.9498	18.4533	0.94	717.5	26.8	42.7
91.5	14.24	5.18E-01	192.92	262.9069	21.90891	18.41892	0.94	717.5	26.8	42.7
91.5	14.24	5.18E-01	192.83	263.0909	21.92424	18.43181	0.94	717.5	26.8	42.7
91.5	14.24	5.15E-01	194.91	264.3219	22.02683	18.51806	0.94	717.5	26.8	42.7
91.5	14.24	5.17E-01	192.8	262.417	21.86808	18.3846	0.94	717.5	26.8	42.7
91.5	14.24	5.17E-01	192.8	262.417	21.86808	18.3846	0.94	717.5	26.8	42.7
91.5	14.24	5.18E-01	192.83	263.0909	21.92424	18.43181	0.94	717.5	26.8	42.7
91.5	14.24	5.17E-01	192.74	262.5183	21.87653	18.3917	0.94	717.5	26.6	42.6
87	13.54	4.95E-01	188.61	222.0919	18.50766	15.55947	0.94	717.5	26.6	42.6
87	13.54	4.95E-01	188.61	222.0919	18.50766	15.55947	0.94	717.5	26.6	42.6
87	13.54	4.95E-01	188.61	222.0919	18.50766	15.55947	0.94	717.5	26.6	42.6
87	13.54	4.95E-01	188.56	222.1699	18.51416	15.56494	0.94	717.5	26.6	42.6
87	13.54	4.93E-01	188.51	220.99	18.41583	15.46228	0.94	717.5	26.8	43.1
82.5	12.84	4.62E-01	183.63	181.5653	15.13044	12.72023	0.94	717.5	26.8	43.1
82.5	12.84	4.63E-01	183.54	181.7251	15.14376	12.73143	0.94	717.5	26.8	43.1
82.5	12.84	4.64E-01	183.6	182.1544	15.17953	12.76151	0.94	717.5	26.8	43.1
82.5	12.84	4.66E-01	183.73	183.0203	15.25169	12.82217	0.94	717.5	26.8	43.1
82.5	12.84	4.67E-01	183.75	183.533	15.29442	12.85809	0.94	717.5	26.8	43.1
77.5	12.06	4.28E-01	178.15	143.9266	11.99388	10.08332	0.94	717.5	26.8	43.1
77.5	12.08	4.31E-01	178.47	145.2319	12.10266	10.17476	0.94	717.5	26.8	43.1
77.5	12.06	4.32E-01	178.39	145.3772	12.11477	10.18494	0.94	717.5	26.8	43.1
77.5	12.06	4.28E-01	177.9	143.9237	11.99364	10.08311	0.94	717.5	26.8	43.1
77.5	12.06	4.27E-01	177.78	143.1989	11.93324	10.03233	0.94	717.5	26.8	43.1
73	11.36	3.77E-01	172.44	108.8792	9.07326	7.62794	0.94	717.5	26.8	43.1
73	11.36	3.76E-01	172.52	108.7427	9.06189	7.61838	0.94	717.5	26.8	43.1
73	11.36	3.82E-01	172.84	110.586	9.2155	7.74751	0.94	717.5	26.8	43.1
73	11.36	3.78E-01	172.53	109.1218	9.09348	7.64494	0.94	717.5	26.8	43.1
73	11.36	3.80E-01	172.73	109.975	9.16459	7.70471	0.94	717.5	26.7	43
68.5	10.66	3.30E-01	168.16	81.805	6.81708	5.73115	0.94	717.5	26.7	43
68.5	10.66	3.27E-01	168.14	81.1127	6.75939	5.68265	0.94	717.5	26.7	43
68.5	10.66	3.30E-01	168.34	81.8318	6.81932	5.73304	0.94	717.5	26.7	43
68.5	10.66	3.26E-01	167.97	80.7179	6.72649	5.655	0.94	717.5	26.7	43
68.5	10.66	3.35E-01	168.82	83.4737	6.95614	5.84806	0.94	717.5	26.5	42.7

TABLA N° ANEXO C.41: Conductor 4, AAAC TW 2.88 cm.

Muestra 2. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
41.3	24.6	717.8	0.95	138.4	21.53	2.88	0.8218

Pérdidas por efecto Corona en la Muestra 2

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
128	19.91	8.55E-05	149.55	0.0658	0.00549	0.00461	0.94	716.1	24.8	40.2
128	19.91	8.48E-05	149.55	0.0653	0.00544	0.00458	0.94	716.1	24.8	40.2
128	19.91	8.67E-05	149.55	0.0668	0.00557	0.00468	0.94	716.1	24.8	40.2
128	19.91	8.67E-05	149.55	0.0668	0.00557	0.00468	0.94	716.1	24.8	40.2
128	19.91	8.14E-05	149.55	0.0627	0.00522	0.00439	0.94	716.1	24.8	40.2
123.5	19.21	8.36E-05	149.55	0.0599	0.00499	0.0042	0.94	716.1	24.9	40.2
123.5	19.21	8.36E-05	149.55	0.0599	0.00499	0.0042	0.94	716.1	24.9	40.2
123.5	19.21	8.77E-05	149.55	0.0629	0.00524	0.0044	0.94	716.1	24.9	40.2
123.5	19.21	8.04E-05	149.55	0.0577	0.00481	0.00404	0.94	716.1	24.9	40.2
123.5	19.21	8.80E-05	149.55	0.0631	0.00526	0.00442	0.94	716.1	24.9	40.2
119	18.51	7.85E-05	149.55	0.0523	0.00436	0.00366	0.94	716.1	24.9	40.3
119	18.51	7.85E-05	149.55	0.0523	0.00436	0.00366	0.94	716.1	24.9	40.3
119	18.51	7.85E-05	149.55	0.0523	0.00436	0.00366	0.94	716.1	24.9	40.3
119	18.51	8.73E-05	149.55	0.0581	0.00485	0.00407	0.94	716.1	24.9	40.3
119	18.51	8.73E-05	149.55	0.0581	0.00485	0.00407	0.94	716.1	24.9	40.3
114.5	17.81	8.55E-05	149.55	0.0527	0.00439	0.00369	0.94	716.1	24.9	40.2
114.5	17.81	8.26E-05	149.55	0.0509	0.00424	0.00357	0.94	716.1	24.9	40.2
114.5	17.81	8.26E-05	149.55	0.0509	0.00424	0.00357	0.94	716.1	24.9	40.2
114.5	17.81	8.23E-05	149.55	0.0507	0.00423	0.00355	0.94	716.1	24.9	40.2
114.5	17.81	8.23E-05	149.55	0.0507	0.00423	0.00355	0.94	716.1	24.9	40.2
109.5	17.04	8.80E-05	149.55	0.0496	0.00413	0.00347	0.94	716.1	24.7	40.2
109.5	17.04	9.17E-05	149.55	0.0517	0.00431	0.00362	0.94	716.1	24.7	40.2
109.5	17.04	8.64E-05	149.55	0.0487	0.00406	0.00341	0.94	716.1	24.7	40.2
109.5	17.04	8.64E-05	149.55	0.0487	0.00406	0.00341	0.94	716.1	24.7	40.2
109.5	17.04	9.02E-05	149.55	0.0508	0.00424	0.00356	0.94	716.1	24.7	40.2
105	16.34	9.11E-05	149.55	0.0472	0.00394	0.00331	0.94	716.1	24.9	40.1
105	16.34	6.57E-05	149.55	0.034	0.00284	0.00238	0.94	716.1	24.9	40.1
105	16.34	6.57E-05	149.55	0.034	0.00284	0.00238	0.94	716.1	24.9	40.1
105	16.34	6.57E-05	149.55	0.034	0.00284	0.00238	0.94	716.1	24.9	40.1
105	16.34	7.29E-05	149.55	0.0378	0.00315	0.00265	0.94	716.1	24.9	40.1
100.5	15.64	9.96E-05	149.55	0.0473	0.00394	0.00331	0.94	716.1	24.9	39.8
100.5	15.64	9.96E-05	149.55	0.0473	0.00394	0.00331	0.94	716.1	24.9	39.8
100.5	15.64	7.51E-05	149.55	0.0357	0.00297	0.0025	0.94	716.1	24.9	39.8
100.5	15.64	6.60E-05	149.55	0.0313	0.00261	0.00219	0.94	716.1	24.9	39.8
100.5	15.64	7.76E-05	149.55	0.0368	0.00307	0.00258	0.94	716.1	24.9	39.9
96	14.94	7.76E-05	149.55	0.0336	0.0028	0.00236	0.94	716.1	24.9	39.9
96	14.94	7.89E-05	149.55	0.0342	0.00285	0.00239	0.94	716.1	24.9	39.9
96	14.94	8.04E-05	149.55	0.0348	0.0029	0.00244	0.94	716.1	24.9	39.9
96	14.94	7.98E-05	149.55	0.0346	0.00288	0.00242	0.94	716.1	24.9	39.9
96	14.94	7.98E-05	149.55	0.0346	0.00288	0.00242	0.94	716.1	24.9	39.9
91.5	14.24	6.97E-05	149.55	0.0275	0.00229	0.00192	0.94	716.3	25.1	39.8
91.5	14.24	7.38E-05	149.55	0.0291	0.00242	0.00204	0.94	716.3	25.1	39.8
91.5	14.24	9.27E-05	149.55	0.0365	0.00304	0.00256	0.94	716.3	25.1	39.8
91.5	14.24	9.27E-05	149.55	0.0365	0.00304	0.00256	0.94	716.3	25.1	39.8
91.5	14.24	7.04E-05	149.55	0.0277	0.00231	0.00194	0.94	716.3	25.1	39.8
91.5	14.24	8.67E-05	149.55	0.0341	0.00284	0.00239	0.94	716.3	25.1	39.8
91.5	14.24	8.77E-05	149.55	0.0345	0.00288	0.00242	0.94	716.3	25.1	39.8
91.5	14.24	8.77E-05	149.55	0.0345	0.00287	0.00242	0.94	716.3	25.1	39.8
91.5	14.24	9.93E-05	149.55	0.0391	0.00326	0.00274	0.94	716.3	25.1	39.8
91.5	14.24	9.93E-05	149.55	0.0391	0.00326	0.00274	0.94	716.3	25.1	39.8
91.5	14.24	8.11E-05	149.55	0.0319	0.00266	0.00224	0.94	716.3	25.1	39.8
91.5	14.24	8.11E-05	149.55	0.0319	0.00266	0.00224	0.94	716.3	25.1	39.8
91.5	14.24	8.23E-05	149.55	0.0324	0.0027	0.00227	0.94	716.3	25.1	39.8
91.5	14.24	8.23E-05	149.55	0.0324	0.0027	0.00227	0.94	716.3	24.9	39.8
91.5	14.24	7.41E-05	149.55	0.0292	0.00243	0.00204	0.94	716.3	24.9	39.8
91.5	14.24	7.73E-05	149.55	0.0304	0.00253	0.00213	0.94	716.3	24.9	39.8
91.5	14.24	9.46E-05	149.55	0.0372	0.0031	0.00261	0.94	716.3	24.9	39.8
91.5	14.24	7.95E-05	149.55	0.0313	0.00261	0.00219	0.94	716.3	24.9	39.8
91.5	14.24	7.95E-05	149.55	0.0313	0.00261	0.00219	0.94	716.3	24.9	39.8
91.5	14.24	7.95E-05	149.55	0.0313	0.00261	0.00219	0.94	716.3	24.9	39.8
91.5	14.24	8.61E-05	149.55	0.0339	0.00282	0.00237	0.94	716.3	24.9	39.8
91.5	14.24	9.17E-05	149.55	0.0361	0.00301	0.00253	0.94	716.3	24.9	39.8
91.5	14.24	9.17E-05	149.55	0.0361	0.00301	0.00253	0.94	716.3	24.9	39.8
91.5	14.24	8.45E-05	149.55	0.0333	0.00277	0.00233	0.94	716.3	24.9	39.8
91.5	14.24	9.42E-05	149.55	0.0371	0.00309	0.0026	0.94	716.3	24.8	39.8
91.5	14.24	8.14E-05	149.55	0.032	0.00267	0.00224	0.94	716.3	24.8	39.8
91.5	14.24	8.64E-05	149.55	0.034	0.00283	0.00238	0.94	716.3	24.8	39.8
91.5	14.24	8.64E-05	149.55	0.034	0.00283	0.00238	0.94	716.3	24.8	39.8
91.5	14.24	8.64E-05	149.55	0.034	0.00283	0.00238	0.94	716.3	24.8	39.8
91.5	14.24	8.64E-05	149.55	0.034	0.00283	0.00238	0.94	716.3	24.8	39.8
87	13.54	9.52E-05	149.55	0.0339	0.00282	0.00237	0.94	716.3	24.7	40.1
87	13.54	9.52E-05	149.55	0.0339	0.00282	0.00237	0.94	716.3	24.7	40.1
87	13.54	9.27E-05	149.55	0.033	0.00275	0.00231	0.94	716.3	24.7	40.1
87	13.54	9.27E-05	149.55	0.033	0.00275	0.00231	0.94	716.3	24.7	40.1
87	13.54	9.27E-05	149.55	0.033	0.00275	0.00231	0.94	716.3	24.7	40.1
82.5	12.84	1.15E-04	149.55	0.0368	0.00307	0.00258	0.94	716.3	24.9	40
82.5	12.84	1.15E-04	149.55	0.0368	0.00307	0.00258	0.94	716.3	24.9	40
82.5	12.84	9.14E-05	149.55	0.0293	0.00244	0.00205	0.94	716.3	24.9	40
82.5	12.84	9.02E-05	149.55	0.0289	0.0024	0.00202	0.94	716.3	24.9	40
82.5	12.84	9.02E-05	149.55	0.0289	0.0024	0.00202	0.94	716.3	24.9	40

TABLA N° ANEXO C.42: Conductor 4, AAAC TW 2.88 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
46.9	21.2	721	0.96	104.75	16.3	2.88	0.8131

Pérdidas por efecto Corona en la Muestra 2

U	E	tg d	Cxp	Po	Por	Po60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	1.01E-01	150.62	62.7031	5.22526	4.3020	0.95	719	23.5	41.3
114.5	17.81	1.02E-01	150.57	63.4006	5.28338	4.44178	0.95	719	23.5	41.3
114.5	17.81	9.51E-02	150.78	59.0899	4.92418	4.13977	0.95	719	23.5	41.3
114.5	17.81	1.01E-01	150.81	62.9256	5.2436	4.40849	0.95	719	23.5	41.3
114.5	17.81	1.01E-01	150.81	62.9256	5.2436	4.40849	0.95	719	23.5	41.3
109.5	17.04	3.73E-02	150.21	21.1092	1.7591	1.47868	0.95	719	23.5	41.5
109.5	17.04	3.73E-02	150.21	21.1092	1.7591	1.47868	0.95	719	23.5	41.5
109.5	17.04	3.65E-02	150.19	21.6186	1.81822	1.52858	0.95	719	23.5	41.5
109.5	17.04	3.65E-02	150.19	21.6186	1.81822	1.52858	0.95	719	23.5	41.5
109.5	17.04	3.60E-02	150.22	20.3996	1.69996	1.42917	0.95	719	23.5	41.5
105	16.34	9.77E-04	150.2	0.5086	0.04239	0.03563	0.95	718.8	23.4	41.9
105	16.34	9.94E-04	150.2	0.5176	0.04313	0.03626	0.95	718.8	23.4	41.9
105	16.34	1.12E-03	150.2	0.5806	0.04838	0.04068	0.95	718.8	23.4	41.9
105	16.34	1.09E-03	150.2	0.5663	0.04736	0.03982	0.95	718.8	23.4	41.9
105	16.34	1.09E-03	150.2	0.5663	0.04738	0.03982	0.95	718.8	23.4	41.9
100.5	15.64	8.01E-04	150.2	0.3821	0.03184	0.02677	0.95	718.8	23.4	41.8
100.5	15.64	8.16E-04	150.2	0.3903	0.03253	0.02734	0.95	718.8	23.4	41.8
100.5	15.64	8.34E-04	150.2	0.3976	0.03315	0.02787	0.95	718.8	23.4	41.8
100.5	15.64	8.34E-04	150.2	0.3978	0.03315	0.02787	0.95	718.8	23.4	41.8
100.5	15.64	8.48E-04	150.2	0.4045	0.03371	0.02834	0.95	718.8	23.4	41.8
96	14.94	5.94E-04	150.2	0.2584	0.02153	0.0181	0.95	718.8	23.4	41.5
96	14.94	5.94E-04	150.2	0.2584	0.02153	0.0181	0.95	718.8	23.4	41.5
96	14.94	6.03E-04	150.2	0.2625	0.02187	0.01839	0.95	718.8	23.4	41.5
96	14.94	6.03E-04	150.2	0.2625	0.02187	0.01839	0.95	718.8	23.4	41.5
96	14.94	6.19E-04	150.2	0.2693	0.02244	0.01887	0.95	718.8	23.4	41.5
91.5	14.24	4.89E-04	150.2	0.1931	0.01609	0.01353	0.95	718.8	23.5	41.4
91.5	14.24	4.89E-04	150.2	0.1931	0.01609	0.01353	0.95	718.8	23.8	41.4
91.5	14.24	4.71E-04	150.2	0.1863	0.01552	0.01305	0.95	718.8	23.7	41.4
91.5	14.24	4.71E-04	150.2	0.1863	0.01552	0.01305	0.95	718.8	23.8	41.4
91.5	14.24	4.71E-04	150.2	0.1863	0.01552	0.01305	0.95	718.8	23.9	41.4
91.5	14.24	4.74E-04	150.2	0.1875	0.01563	0.01314	0.95	718.8	23.4	41.4
91.5	14.24	4.78E-04	150.2	0.1882	0.01568	0.01318	0.95	719	23.4	42.1
91.5	14.24	4.56E-04	150.2	0.1801	0.01501	0.01262	0.95	719	23.4	42.1
91.5	14.24	4.56E-04	150.2	0.1801	0.01501	0.01262	0.95	719	23.4	42.1
91.5	14.24	4.73E-04	150.2	0.1869	0.01558	0.0131	0.95	719	23.4	42.1
91.5	14.24	4.73E-04	150.2	0.1869	0.01558	0.0131	0.95	719	23.4	42.1
91.5	14.24	4.46E-04	150.2	0.177	0.01475	0.0124	0.95	719	23.4	42.1
91.5	14.24	4.68E-04	150.2	0.185	0.01542	0.01296	0.95	719	23.4	42.1
91.5	14.24	4.52E-04	150.2	0.1788	0.0149	0.01253	0.95	719	23.4	42.1
91.5	14.24	4.52E-04	150.2	0.1788	0.0149	0.01253	0.95	719	23.4	42.1
91.5	14.24	4.65E-04	150.2	0.1838	0.01532	0.01288	0.95	719	23.4	42.1
91.5	14.24	4.84E-04	150.2	0.1913	0.01594	0.0134	0.95	719	23.4	42.1
91.5	14.24	5.00E-04	150.2	0.1975	0.01646	0.01383	0.95	719	23.4	42.1
91.5	14.24	5.00E-04	150.2	0.1975	0.01646	0.01383	0.95	719	23.4	42.1
91.5	14.24	4.78E-04	150.2	0.1888	0.01573	0.01323	0.95	719	23.4	42.2
91.5	14.24	4.78E-04	150.2	0.1888	0.01573	0.01323	0.95	719	23.4	42.2
91.5	14.24	4.71E-04	150.2	0.1863	0.01552	0.01305	0.95	719	23.4	42.2
91.5	14.24	5.00E-04	150.2	0.1975	0.01646	0.01383	0.95	719	23.4	42.2
91.5	14.24	4.68E-04	150.2	0.1851	0.01542	0.01296	0.95	719	23.4	42.2
91.5	14.24	5.00E-04	150.2	0.1975	0.01646	0.01383	0.95	719	23.4	42.2
91.5	14.24	5.00E-04	150.2	0.1975	0.01646	0.01383	0.95	719	23.4	42.7
91.5	14.24	5.06E-04	150.2	0.2	0.01666	0.01401	0.95	719	23.4	42.7
91.5	14.24	5.06E-04	150.2	0.2	0.01666	0.01401	0.95	719	23.4	42.7
91.5	14.24	5.06E-04	150.2	0.2	0.01666	0.01401	0.95	719	23.4	42.7
91.5	14.24	4.84E-04	150.2	0.1913	0.01594	0.0134	0.95	719	23.4	42.7
87	13.54	4.08E-04	150.2	0.148	0.01216	0.01023	0.95	719	23.4	42.7
87	13.54	3.86E-04	150.2	0.1381	0.01151	0.00968	0.95	719	23.4	42.7
87	13.54	4.08E-04	150.2	0.148	0.01218	0.01023	0.95	719	23.4	42.7
87	13.54	4.08E-04	150.2	0.148	0.01216	0.01023	0.95	719	23.4	42.7
87	13.54	3.97E-04	150.2	0.142	0.01184	0.00995	0.95	719	23.4	42.7
82.5	12.84	3.05E-04	150.2	0.0979	0.00816	0.00686	0.95	719	23.4	42.7
82.5	12.84	3.24E-04	150.2	0.104	0.00867	0.00729	0.95	719	23.4	42.6
82.5	12.84	3.24E-04	150.2	0.104	0.00867	0.00729	0.95	719	23.4	42.6
82.5	12.84	3.16E-04	150.2	0.1015	0.00848	0.00711	0.95	719	23.4	42.6
82.5	12.84	3.05E-04	150.2	0.0979	0.00816	0.00686	0.95	719	23.4	42.6
77.5	12.06	2.80E-04	150.21	0.0703	0.00861	0.00556	0.95	719	23.2	42.6
77.5	12.06	2.67E-04	150.2	0.0815	0.00679	0.00571	0.95	719	23.2	42.6
77.5	12.06	2.67E-04	150.2	0.0815	0.00679	0.00571	0.95	719	23.2	42.6
77.5	12.06	3.05E-04	150.2	0.0864	0.0072	0.00605	0.95	719	23.2	42.6
77.5	12.06	2.67E-04	150.2	0.0757	0.00631	0.00531	0.95	719	23.2	42.6
73	11.36	2.67E-04	150.2	0.0672	0.0056	0.00471	0.95	719	23.1	42.6
73	11.36	2.67E-04	150.2	0.0672	0.0056	0.00471	0.95	719	23.1	42.6
73	11.36	2.51E-04	150.2	0.0632	0.00527	0.00443	0.95	719	23.1	42.6
73	11.36	2.51E-04	150.2	0.0632	0.00527	0.00443	0.95	719	23.1	42.6
73	11.36	2.51E-04	150.2	0.0632	0.00527	0.00443	0.95	719	23.1	42.6
68.5	10.66	2.28E-04	150.2	0.0501	0.00418	0.00351	0.95	719	23.1	42.6
68.5	10.66	2.48E-04	150.2	0.055	0.00458	0.00385	0.95	719	23.1	42.6
68.5	10.66	2.23E-04	150.2	0.0494	0.00412	0.00346	0.95	719	23.1	42.6
68.5	10.66	2.29E-04	150.21	0.0508	0.00423	0.00356	0.95	719	23.1	42.6
68.5	10.66	2.51E-04	150.2	0.0557	0.00464	0.0039	0.95	719	23.1	42.6

TABLA N° ANEXO C.43: Conductor 4, AAAC TW 2.88 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
36.1	23.9	718.9	0.95	68.25	10.62	2.88	0.4038

Pérdidas por efecto Corona en la Muestra 2

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	3.18E-01	165.59	216.9389	18.07824	15.19847	0.94	716.9	25.9	25.6
114.5	17.81	3.08E-01	166.86	211.4736	17.6228	14.81557	0.94	716.9	25.9	25.6
114.5	17.81	3.00E-01	167.39	206.9357	17.24464	14.49766	0.94	716.9	25.9	25.6
114.5	17.81	3.18E-01	165.7	217.0859	18.09049	15.20876	0.94	716.9	25.9	25.6
114.5	17.81	3.14E-01	166.02	214.7015	17.89179	15.04172	0.94	716.9	25.9	25.6
109.5	17.04	2.51E-01	164.28	155.5803	12.96502	10.89976	0.94	716.9	25.7	25.5
109.5	17.04	2.49E-01	164.49	154.6117	12.88431	10.8319	0.94	716.9	25.7	25.5
109.5	17.04	2.49E-01	164.49	154.6117	12.88431	10.8319	0.94	716.9	25.7	25.5
109.5	17.04	2.48E-01	164.51	154.05	12.8375	10.79255	0.94	716.9	25.7	25.5
109.5	17.04	2.48E-01	164.51	154.05	12.8375	10.79255	0.94	716.9	25.7	25.5
105	16.34	1.93E-01	161.7	107.918	8.99317	7.5606	0.94	716.9	25.8	25.5
105	16.34	1.89E-01	161.75	106.1901	8.84918	7.43955	0.94	716.9	25.8	25.5
105	16.34	1.89E-01	161.75	106.1901	8.84918	7.43955	0.94	716.9	25.8	25.5
105	16.34	1.88E-01	161.89	105.224	8.76867	7.37186	0.94	716.9	25.8	25.5
105	16.34	1.88E-01	161.87	105.7416	8.8118	7.40812	0.94	716.9	25.8	25.5
100.5	15.64	1.40E-01	159.73	71.0213	5.91845	4.97567	0.94	716.9	26	26.1
100.5	15.64	1.40E-01	159.98	71.1286	5.92738	4.98318	0.94	716.9	26	26.1
100.5	15.64	1.40E-01	159.82	71.0563	5.92136	4.97811	0.94	716.9	26	26.1
100.5	15.64	1.43E-01	159.68	72.5872	6.04893	5.08537	0.94	716.9	26	26.1
100.5	15.64	1.41E-01	159.81	71.3718	5.94765	5.00021	0.94	716.9	26	26.1
96	14.94	1.00E-01	158.68	46.1083	3.84236	3.23029	0.94	716.9	26.3	25.4
96	14.94	1.03E-01	158.59	47.3812	3.94843	3.31947	0.94	716.9	26.3	25.4
96	14.94	1.02E-01	158.62	46.9571	3.91309	3.28976	0.94	716.9	26.3	25.4
96	14.94	1.01E-01	158.71	46.5487	3.87906	3.26114	0.94	716.9	26.3	25.4
96	14.94	1.01E-01	158.7	46.546	3.87883	3.26095	0.94	716.9	26.3	25.4
91.5	14.24	7.08E-02	157.59	29.362	2.44684	2.05707	0.94	717	25.5	26.6
91.5	14.24	7.02E-02	157.61	29.104	2.42533	2.03899	0.94	717	25.5	26.6
91.5	14.24	7.02E-02	157.69	29.1197	2.42665	2.04009	0.94	717	25.5	26.6
91.5	14.24	6.98E-02	157.46	28.9418	2.41182	2.02763	0.94	717	25.5	26.6
91.5	14.24	6.98E-02	157.46	28.9418	2.41182	2.02763	0.94	717	25.5	26.6
91.5	14.24	6.98E-02	157.46	28.9418	2.41182	2.02763	0.94	717	25.5	26.6
91.5	14.24	6.98E-02	157.7	28.9855	2.41545	2.03068	0.94	717	25.1	26.6
91.5	14.24	7.01E-02	157.46	29.0604	2.4217	2.03594	0.94	717	25.1	26.6
91.5	14.24	6.95E-02	157.66	28.8382	2.40318	2.02037	0.94	717	25.1	26.6
91.5	14.24	6.89E-02	157.67	28.5799	2.38166	2.00227	0.94	717	25.1	26.6
91.5	14.24	6.92E-02	157.71	28.7191	2.39326	2.01202	0.94	717	25.1	26.6
91.5	14.24	6.92E-02	157.6	28.6982	2.39152	2.01056	0.94	717	25.1	26.6
91.5	14.24	6.92E-02	157.64	28.7064	2.3922	2.01114	0.94	717	25.1	26.6
91.5	14.24	6.88E-02	157.65	28.5489	2.37908	2.0001	0.94	717	25.1	26.9
91.5	14.24	6.88E-02	157.66	28.5528	2.3794	2.00037	0.94	717	25.1	26.9
91.5	14.24	6.98E-02	157.67	28.9457	2.41214	2.0279	0.94	717	25.1	26.9
91.5	14.24	7.04E-02	157.89	29.248	2.43733	2.04908	0.94	717	25.1	26.9
91.5	14.24	6.94E-02	157.69	28.8194	2.40162	2.01905	0.94	717	25.1	26.9
91.5	14.24	6.98E-02	157.68	28.9485	2.41238	2.0281	0.94	717	25.1	26.9
91.5	14.24	6.98E-02	157.63	28.9387	2.41156	2.02741	0.94	717	25.1	26.9
91.5	14.24	6.98E-02	157.71	28.9531	2.41276	2.02841	0.94	717	25	27.6
91.5	14.24	6.98E-02	157.71	28.9531	2.41276	2.02841	0.94	717	25	27.6
91.5	14.24	7.02E-02	157.61	29.1075	2.42563	2.03924	0.94	717	25	27.6
91.5	14.24	7.02E-02	157.65	29.114	2.42616	2.03969	0.94	717	25	27.6
91.5	14.24	6.98E-02	157.68	28.9484	2.41237	2.02809	0.94	717	25	27.6
91.5	14.24	7.01E-02	157.66	29.0755	2.42296	2.03699	0.94	717	25	27.6
91.5	14.24	7.01E-02	157.62	29.0679	2.42233	2.03646	0.94	717	25	27.6
91.5	14.24	7.07E-02	157.61	29.326	2.44384	2.05454	0.94	717	25	27.6
91.5	14.24	7.01E-02	157.62	29.0673	2.42228	2.03642	0.94	717	25	27.6
91.5	14.24	6.85E-02	157.64	28.4194	2.36828	1.99103	0.94	717	25	27.6
87	13.54	4.69E-02	157.09	17.5152	1.4596	1.2271	0.94	717	25	27.9
87	13.54	4.69E-02	157.08	17.5433	1.46194	1.22906	0.94	717	25	27.9
87	13.54	4.69E-02	157.13	17.5484	1.46237	1.22942	0.94	717	25	27.9
87	13.54	4.65E-02	157.14	17.4022	1.45019	1.21918	0.94	717	25	27.9
87	13.54	4.65E-02	157.03	17.3905	1.44921	1.21835	0.94	717	25	27.9
82.5	12.84	3.12E-02	156.79	10.456	0.87134	0.73254	0.94	717	25	27.9
82.5	12.84	3.12E-02	156.82	10.458	0.8715	0.73268	0.94	717	25	27.9
82.5	12.84	3.10E-02	156.82	10.4012	0.86677	0.7287	0.94	717	25	28
82.5	12.84	3.10E-02	157.05	10.4168	0.86806	0.72979	0.94	717	25	28
82.5	12.84	3.12E-02	156.84	10.4551	0.87126	0.73247	0.94	717	25	28
77.5	12.06	2.03E-02	156.72	6.0177	0.50147	0.42159	0.94	717	25	28
77.5	12.06	2.03E-02	156.72	6.0093	0.50077	0.421	0.94	717	25	28
77.5	12.06	2.03E-02	156.61	5.9985	0.49988	0.42025	0.94	717	25	28
77.5	12.06	2.03E-02	156.61	5.9995	0.49995	0.42031	0.94	717	25	28
77.5	12.06	2.03E-02	156.62	6.0176	0.50146	0.42158	0.94	717	24.7	28.4
73	11.36	1.11E-02	156.52	2.9112	0.2426	0.20396	0.94	717	24.7	28.4
73	11.36	1.11E-02	156.52	2.9112	0.2426	0.20396	0.94	717	24.7	28.4
73	11.36	1.11E-02	156.6	2.902	0.24183	0.20331	0.94	717	24.7	28.4
73	11.36	1.11E-02	156.51	2.9003	0.24169	0.20319	0.94	717	24.7	28.4
73	11.36	1.11E-02	156.51	2.9036	0.24197	0.20342	0.94	717	24.7	28.4
68.5	10.66	5.56E-03	156.56	1.2842	0.10701	0.08997	0.94	717	24.7	28.5
68.5	10.66	5.56E-03	156.33	1.2823	0.10685	0.08983	0.94	717	24.7	28.5
68.5	10.66	5.59E-03	156.55	1.2899	0.10749	0.09037	0.94	717	24.7	28.5
68.5	10.66	5.59E-03	156.54	1.2898	0.10748	0.09036	0.94	717	24.7	28.5
68.5	10.66	5.60E-03	156.54	1.2927	0.10773	0.09057	0.94	717	24.7	28.5

TABLA N° ANEXO C.44: Conductor 4, AAAC TW 2.88 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
36.3	24.2	716.3	0.95	36.1	5.62	2.88	0.2145

Pérdidas por efecto Corona en la Muestra 2

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	6.07E-01	216.45	541.0635	45.08863	37.90623	0.94	715.8	25	28.2
114.5	17.81	6.05E-01	216.39	539.7678	44.98065	37.81545	0.94	715.8	25	28.2
114.5	17.81	6.05E-01	216.14	539.1082	44.92569	37.76924	0.94	715.8	25	28.2
114.5	17.81	6.05E-01	216.14	539.1082	44.92569	37.76924	0.94	715.8	25	28.2
114.5	17.81	6.06E-01	216.44	540.9949	45.08291	37.90142	0.94	715.8	25	28.2
109.5	17.04	5.87E-01	210.63	465.9631	38.83026	32.64479	0.94	715.8	25	28.3
109.5	17.04	5.87E-01	210.87	466.4713	38.87261	32.68039	0.94	715.8	25	28.3
109.5	17.04	5.89E-01	211.44	469.4016	39.1168	32.88568	0.94	715.8	25	28.3
109.5	17.04	5.90E-01	211.37	470.1124	39.17603	32.93548	0.94	715.8	25	28.3
109.5	17.04	5.91E-01	211.71	471.878	39.32317	33.05918	0.94	715.8	25	28.3
105	16.34	5.72E-01	206.07	408.2115	34.01762	28.59878	0.94	715.8	25	28.1
105	16.34	5.72E-01	206.07	408.2115	34.01762	28.59878	0.94	715.8	25	28.1
105	16.34	5.70E-01	205.87	406.4682	33.87235	28.47664	0.94	715.8	25	28.1
105	16.34	5.70E-01	205.99	407.297	33.94142	28.53471	0.94	715.8	25	28.1
105	16.34	5.70E-01	205.99	407.297	33.94142	28.53471	0.94	715.8	24.9	28.2
100.5	15.64	5.51E-01	200.97	351.5917	29.29931	24.63207	0.94	715.8	24.9	28.2
100.5	15.64	5.51E-01	200.78	351.0318	29.25265	24.59285	0.94	715.8	24.9	28.2
100.5	15.64	5.49E-01	200.53	349.6693	29.1391	24.49738	0.94	715.8	24.9	28.2
100.5	15.64	5.50E-01	200.7	350.2459	29.18716	24.53779	0.94	715.8	24.9	28.2
100.5	15.64	5.50E-01	200.85	350.8968	29.2414	24.58339	0.94	715.8	25	28.6
96	14.94	5.28E-01	195.96	299.6789	24.97324	20.99513	0.94	715.8	25	28.6
96	14.94	5.29E-01	196.02	300.3847	25.03206	21.04457	0.94	715.8	25	28.6
96	14.94	5.27E-01	196.09	299.423	24.95192	20.9772	0.94	715.8	25	28.6
96	14.94	5.28E-01	195.91	299.7735	24.98112	21.00175	0.94	715.8	25	28.6
96	14.94	5.29E-01	195.99	300.4389	25.03658	21.04837	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	191.18	254.2009	21.18341	17.80899	0.94	715.8	25	28.6
91.5	14.24	5.06E-01	191.06	254.4154	21.20128	17.82402	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	191.03	253.7608	21.14674	17.77816	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	191.03	253.7608	21.14674	17.77816	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	191.04	253.7599	21.14666	17.7781	0.94	715.8	25	28.5
91.5	14.24	5.05E-01	190.94	253.9399	21.16166	17.79071	0.94	715.8	25	28.5
91.5	14.24	5.06E-01	191.06	254.422	21.20183	17.82448	0.94	715.8	25	28.5
91.5	14.24	5.05E-01	190.97	253.7369	21.14474	17.77649	0.94	715.8	25	28.5
91.5	14.24	5.05E-01	190.97	253.7369	21.14474	17.77649	0.94	715.8	25	28.6
91.5	14.24	5.06E-01	191.06	254.6926	21.22438	17.84344	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	191.03	253.848	21.154	17.78427	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	191.03	253.848	21.154	17.78427	0.94	715.8	25	28.6
91.5	14.24	5.04E-01	190.69	253.0808	21.09007	17.73052	0.94	715.8	25	28.6
91.5	14.24	5.03E-01	190.74	252.7061	21.05884	17.70427	0.94	715.8	25	28.6
91.5	14.24	5.04E-01	190.83	253.2448	21.10373	17.74201	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	190.89	253.8403	21.15336	17.78373	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	190.72	253.4128	21.11773	17.75378	0.94	715.8	25	28.6
91.5	14.24	5.05E-01	190.72	253.4128	21.11773	17.75378	0.94	715.8	25	28.6
91.5	14.24	5.06E-01	190.78	254.0213	21.16844	17.79641	0.94	715.8	25	28.6
91.5	14.24	5.03E-01	190.56	252.3106	21.02588	17.67656	0.94	715.8	25	28.6
91.5	14.24	5.04E-01	190.69	252.7856	21.06547	17.70984	0.94	715.8	25	28.6
91.5	14.24	5.04E-01	190.65	252.7364	21.06137	17.70639	0.94	715.8	25	28.6
91.5	14.24	5.03E-01	190.54	252.4451	21.03709	17.68599	0.94	715.8	25	28.6
91.5	14.24	5.03E-01	190.66	252.3567	21.02972	17.67979	0.94	715.8	25	28.8
91.5	14.24	5.02E-01	190.65	251.6959	20.97466	17.63349	0.94	715.8	25	28.8
91.5	14.24	5.03E-01	190.79	252.8341	21.06951	17.71324	0.94	715.8	25	28.8
91.5	14.24	5.03E-01	190.79	252.8341	21.06951	17.71324	0.94	715.8	25	28.8
91.5	14.24	5.03E-01	190.82	252.4596	21.0383	17.687	0.94	715.8	25	28.8
91.5	14.24	5.03E-01	190.8	252.4934	21.04112	17.68937	0.94	715.8	25	28.8
91.5	14.24	5.05E-01	190.85	253.8217	21.15181	17.78243	0.94	715.8	25	28.9
87	13.54	4.77E-01	185.86	211	17.58333	14.78239	0.94	715.8	25	28.9
87	13.54	4.77E-01	185.86	211	17.58333	14.78239	0.94	715.8	25	28.9
87	13.54	4.77E-01	185.86	211	17.58333	14.78239	0.94	715.8	25	28.9
87	13.54	4.76E-01	185.75	210.5963	17.54969	14.75411	0.94	715.8	25	28.9
87	13.54	4.77E-01	185.86	210.9913	17.58261	14.78178	0.94	715.8	25	28.9
82.5	12.84	4.40E-01	180.17	169.6989	14.14157	11.88889	0.94	715.8	24.8	29.1
82.5	12.84	4.41E-01	180.38	170.3744	14.19787	11.93621	0.94	715.8	24.8	29.1
82.5	12.84	4.42E-01	180.62	170.7841	14.23201	11.96492	0.94	715.8	24.8	29.1
82.5	12.84	4.41E-01	180.52	170.4371	14.2031	11.94061	0.94	715.8	24.8	29.1
82.5	12.84	4.43E-01	180.42	170.829	14.23575	11.96806	0.94	715.8	24.8	29.1
77.5	12.06	3.95E-01	174.27	129.9985	10.83321	9.10753	0.94	715.8	24.8	29.1
77.5	12.06	3.93E-01	174.03	129.1028	10.75857	9.04478	0.94	715.8	24.8	29.1
77.5	12.06	3.92E-01	173.94	128.8283	10.73569	9.02555	0.94	715.8	24.8	29.1
77.5	12.06	3.91E-01	174.17	128.4524	10.70437	8.99921	0.94	715.8	24.8	29.1
77.5	12.06	3.94E-01	174.22	129.732	10.811	9.08886	0.94	715.8	25	29
73	11.36	3.36E-01	168.49	94.7844	7.8987	6.64048	0.94	715.8	25	29
73	11.36	3.36E-01	168.49	94.7837	7.89864	6.64043	0.94	715.8	25	29
73	11.36	3.35E-01	168.42	94.509	7.87575	6.62118	0.94	715.8	25	29
73	11.36	3.36E-01	168.49	94.7703	7.89753	6.63949	0.94	715.8	25	29
73	11.36	3.34E-01	168.24	94.095	7.84125	6.59218	0.94	715.8	24.8	29.2
68.5	10.66	2.74E-01	163.91	66.1411	5.51176	4.63376	0.94	715.8	24.8	29.2
68.5	10.66	2.71E-01	163.84	65.5071	5.45893	4.58935	0.94	715.8	24.8	29.2
68.5	10.66	2.68E-01	163.69	64.6877	5.39064	4.53194	0.94	715.8	24.8	29.2
68.5	10.66	2.68E-01	163.69	64.6877	5.39064	4.53194	0.94	715.8	24.8	29.2
68.5	10.66	2.69E-01	163.74	64.9664	5.41387	4.55147	0.94	715.8	24.8	29.2

TABLA N° ANEXO C.45: Conductor 4, AAAC TW 2.88 cm.

Muestra 3. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
36.9	22.2	718.2	0.95	138.7	21.58	2.88	0.8172

Pérdidas por efecto Corona en la Muestra 3

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
128	19.91	1.01E-04	149.57	0.0777	0.00647	0.00544	0.95	717.5	21.7	37.2
128	19.91	1.06E-04	149.57	0.082	0.00684	0.00575	0.95	717.5	21.7	37.2
128	19.91	1.02E-04	149.57	0.0784	0.00653	0.00549	0.95	717.5	21.7	37.2
128	19.91	1.02E-04	149.57	0.0784	0.00653	0.00549	0.95	717.5	21.7	37.2
128	19.91	1.12E-04	149.57	0.0864	0.0072	0.00605	0.95	717.5	21.7	37.2
123.5	19.21	1.00E-04	149.57	0.0719	0.00599	0.00504	0.95	717.5	22.1	37.3
123.5	19.21	1.00E-04	149.57	0.0719	0.00599	0.00504	0.95	717.5	22.1	37.3
123.5	19.21	1.00E-04	149.56	0.0719	0.00599	0.00504	0.95	717.5	22.1	37.3
123.5	19.21	1.00E-04	149.56	0.0719	0.00599	0.00504	0.95	717.5	22.1	37.3
123.5	19.21	1.05E-04	149.57	0.0755	0.00629	0.00529	0.95	717.5	22.1	37.3
119	18.51	9.33E-05	149.57	0.0621	0.00518	0.00435	0.95	717.5	22.1	37.3
119	18.51	1.08E-04	149.57	0.0717	0.00598	0.00503	0.95	717.5	22.1	37.3
119	18.51	1.08E-04	149.56	0.0717	0.00598	0.00503	0.95	717.5	22.1	37.3
119	18.51	9.93E-05	149.56	0.0661	0.00551	0.00463	0.95	717.5	22.1	37.3
119	18.51	9.93E-05	149.57	0.0661	0.00551	0.00463	0.95	717.5	22.1	37.3
114.5	17.81	1.00E-04	149.57	0.0618	0.00515	0.00433	0.95	717.5	22.1	37.3
114.5	17.81	1.08E-04	149.57	0.0666	0.00555	0.00467	0.95	717.5	22.1	37.3
114.5	17.81	1.02E-04	149.57	0.0631	0.00526	0.00442	0.95	717.5	22.1	37.3
114.5	17.81	1.02E-04	149.57	0.0631	0.00526	0.00442	0.95	717.5	22.1	37.3
114.5	17.81	9.64E-05	149.57	0.0595	0.00495	0.00417	0.95	717.5	22.1	37.3
109.5	17.04	1.03E-04	149.57	0.0583	0.00486	0.00408	0.95	717.5	22	37.3
109.5	17.04	1.03E-04	149.57	0.0583	0.00486	0.00408	0.95	717.5	22	37.3
109.5	17.04	1.03E-04	149.56	0.0583	0.00486	0.00408	0.95	717.5	22	37.3
109.5	17.04	1.04E-04	149.56	0.0584	0.00487	0.00409	0.95	717.5	22	37.3
109.5	17.04	1.02E-04	149.56	0.0577	0.00481	0.00405	0.95	717.5	22	37.3
105	16.34	1.17E-04	149.56	0.0604	0.00503	0.00423	0.95	717.5	22.1	37.7
105	16.34	1.17E-04	149.56	0.0604	0.00503	0.00423	0.95	717.5	22.1	37.7
105	16.34	1.17E-04	149.56	0.0604	0.00503	0.00423	0.95	717.5	22.1	37.7
105	16.34	1.14E-04	149.56	0.0591	0.00493	0.00414	0.95	717.5	22.1	37.7
105	16.34	1.14E-04	149.56	0.0591	0.00493	0.00414	0.95	717.5	22.1	37.7
100.5	15.64	1.13E-04	149.56	0.0536	0.00446	0.00375	0.95	717.5	22.2	37.4
100.5	15.64	1.15E-04	149.56	0.0548	0.00456	0.00384	0.95	717.5	22.2	37.4
100.5	15.64	1.15E-04	149.56	0.0548	0.00456	0.00384	0.95	717.5	22.2	37.4
100.5	15.64	1.19E-04	149.56	0.0565	0.00471	0.00396	0.95	717.5	22.2	37.4
100.5	15.64	1.03E-04	149.56	0.0469	0.00408	0.00343	0.95	717.5	22.2	37.4
96	14.94	1.15E-04	149.56	0.0498	0.00415	0.00349	0.95	717.5	22.3	37.6
96	14.94	1.18E-04	149.56	0.051	0.00425	0.00358	0.95	717.5	22.3	37.6
96	14.94	1.14E-04	149.56	0.0496	0.00413	0.00347	0.95	717.5	22.3	37.6
96	14.94	1.12E-04	149.57	0.0486	0.00405	0.0034	0.95	717.5	22.3	37.6
96	14.94	1.12E-04	149.57	0.0486	0.00405	0.0034	0.95	717.5	22.3	37.6
91.5	14.24	1.17E-04	149.57	0.0461	0.00384	0.00323	0.95	717.5	22.3	37.6
91.5	14.24	9.42E-05	149.57	0.0371	0.00309	0.0026	0.95	717.5	22.3	37.6
91.5	14.24	9.64E-05	149.57	0.038	0.00316	0.00266	0.95	717.5	22.3	37.6
91.5	14.24	1.04E-04	149.56	0.0408	0.0034	0.00286	0.95	717.5	22.3	37.6
91.5	14.24	1.04E-04	149.56	0.0408	0.0034	0.00286	0.95	717.5	22.4	37.2
91.5	14.24	1.04E-04	149.56	0.0408	0.0034	0.00286	0.95	717.5	22.4	37.2
91.5	14.24	9.90E-05	149.57	0.039	0.00325	0.00273	0.95	717.5	22.4	37.2
91.5	14.24	1.02E-04	149.57	0.0401	0.00334	0.00281	0.95	717.5	22.4	37.2
91.5	14.24	1.01E-04	149.56	0.0399	0.00333	0.0028	0.95	717.5	22.4	37.2
91.5	14.24	1.17E-04	149.56	0.0459	0.00382	0.00321	0.95	717.5	22.6	37.5
91.5	14.24	1.13E-04	149.56	0.0445	0.00371	0.00312	0.95	717.5	22.6	37.5
91.5	14.24	1.15E-04	149.57	0.0454	0.00378	0.00318	0.95	717.5	22.6	37.5
91.5	14.24	1.15E-04	149.57	0.0454	0.00378	0.00318	0.95	717.5	22.6	37.5
91.5	14.24	1.04E-04	149.57	0.0408	0.0034	0.00286	0.95	717.5	22.6	37.5
91.5	14.24	1.17E-04	149.56	0.0461	0.00384	0.00323	0.95	717.5	22.7	37.9
91.5	14.24	1.01E-04	149.57	0.0398	0.00332	0.00279	0.95	717.5	22.7	37.9
91.5	14.24	1.14E-04	149.57	0.0449	0.00374	0.00315	0.95	717.5	22.7	37.9
91.5	14.24	1.14E-04	149.56	0.0449	0.00374	0.00315	0.95	717.5	22.7	37.9
91.5	14.24	1.15E-04	149.56	0.0453	0.00377	0.00317	0.95	717.5	22.7	37.9
91.5	14.24	1.15E-04	149.56	0.0454	0.00378	0.00318	0.95	717.5	22.6	37.2
91.5	14.24	1.01E-04	149.57	0.0398	0.00332	0.00279	0.95	717.5	22.6	37.2
91.5	14.24	1.07E-04	149.57	0.0422	0.00351	0.00295	0.95	717.5	22.6	37.2
91.5	14.24	1.12E-04	149.57	0.044	0.00367	0.00308	0.95	717.5	22.6	37.2
91.5	14.24	1.08E-04	149.56	0.0424	0.00353	0.00297	0.95	717.5	22.6	37.2
91.5	14.24	1.03E-04	149.56	0.0407	0.00339	0.00285	0.95	717.5	22.6	37.2
91.5	14.24	1.01E-04	149.56	0.0397	0.00331	0.00278	0.95	717.5	22.7	36.7
91.5	14.24	1.12E-04	149.56	0.044	0.00367	0.00308	0.95	717.5	22.7	36.7
91.5	14.24	1.12E-04	149.57	0.044	0.00367	0.00308	0.95	717.5	22.7	36.7
91.5	14.24	1.12E-04	149.57	0.044	0.00367	0.00308	0.95	717.5	22.7	36.7
91.5	14.24	1.05E-04	149.57	0.0412	0.00343	0.00289	0.95	717.5	22.7	36.7
87	13.54	1.09E-04	149.57	0.0388	0.00323	0.00272	0.95	717.5	22.8	37.9
87	13.54	1.09E-04	149.57	0.0388	0.00323	0.00272	0.95	717.5	22.8	37.9
87	13.54	1.09E-04	149.57	0.0388	0.00323	0.00272	0.95	717.5	22.8	37.9
87	13.54	1.09E-04	149.57	0.0387	0.00322	0.00271	0.95	717.5	22.8	37.9
87	13.54	1.05E-04	149.56	0.0372	0.0031	0.00261	0.95	717.5	22.8	37.9
82.5	12.84	1.18E-04	149.56	0.0379	0.00316	0.00266	0.95	717.5	22.8	38
82.5	12.84	1.18E-04	149.57	0.0379	0.00316	0.00266	0.95	717.5	22.8	38
82.5	12.84	1.17E-04	149.57	0.0375	0.00313	0.00263	0.95	717.5	22.8	38
82.5	12.84	8.58E-05	149.57	0.0274	0.00229	0.00192	0.95	717.5	22.8	38
82.5	12.84	1.04E-04	149.56	0.0332	0.00276	0.00232	0.95	717.5	22.8	38

TABLA Nº ANEXO C.46: Conductor 4, AAAC TW 2.88 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
47.6	22.3	718	0.95	105.05	16.34	2.88	0.6193

Pérdidas por efecto Corona en la Muestra 3

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	1.48E-01	151.58	92.5953	7.71627	6.48711	0.95	716.5	23.5	40.4
114.5	17.81	1.53E-01	151.72	95.434	7.95283	6.68598	0.95	716.5	23.5	40.4
114.5	17.81	1.60E-01	151.84	100.0279	8.33565	7.00782	0.95	716.5	23.5	40.4
114.5	17.81	1.53E-01	151.49	95.3444	7.94536	6.67971	0.95	716.5	23.5	40.4
114.5	17.81	1.58E-01	151.71	98.6544	8.2212	6.9116	0.95	716.5	23.5	40.4
109.5	17.04	5.35E-02	150.15	30.2691	2.52243	2.12062	0.95	716.5	23.6	40.4
109.5	17.04	5.98E-02	150.26	33.8498	2.82082	2.37148	0.95	716.5	23.6	40.4
109.5	17.04	5.07E-02	150.2	28.6773	2.38977	2.00909	0.95	716.5	23.6	40.4
109.5	17.04	5.07E-02	150.2	28.6772	2.38977	2.00909	0.95	716.5	23.6	40.4
109.5	17.04	5.07E-02	150.2	28.6772	2.38977	2.00909	0.95	716.5	23.6	40.4
105	16.34	9.05E-04	150.2	0.471	0.03925	0.033	0.95	716.5	23.6	40.3
105	16.34	9.20E-04	150.2	0.4792	0.03993	0.03357	0.95	716.5	23.6	40.3
105	16.34	9.49E-04	150.2	0.4939	0.04116	0.0346	0.95	716.5	23.6	40.3
105	16.34	1.11E-03	150.2	0.5781	0.04818	0.0405	0.95	716.5	23.6	40.3
105	16.34	1.14E-03	150.2	0.5937	0.04947	0.04159	0.95	716.5	23.6	40.3
100.5	15.64	9.20E-04	150.2	0.439	0.03658	0.03076	0.95	716.5	23.6	40.2
100.5	15.64	9.36E-04	150.2	0.4465	0.03721	0.03128	0.95	716.5	23.6	40.2
100.5	15.64	9.41E-04	150.2	0.4487	0.03739	0.03144	0.95	716.5	23.6	40.2
100.5	15.64	9.41E-04	150.2	0.4487	0.03739	0.03144	0.95	716.5	23.6	40.2
100.5	15.64	9.30E-04	150.19	0.4435	0.03696	0.03107	0.95	716.5	23.6	40.2
96	14.94	7.23E-04	150.2	0.3144	0.0262	0.02203	0.95	716.5	23.6	40
96	14.94	7.05E-04	150.2	0.3069	0.02558	0.0215	0.95	716.5	23.6	40
96	14.94	7.02E-04	150.19	0.3055	0.02546	0.02141	0.95	716.5	23.6	40
96	14.94	7.18E-04	150.19	0.3124	0.02603	0.02188	0.95	716.5	23.6	40
96	14.94	7.19E-04	150.19	0.3131	0.02609	0.02193	0.95	716.5	23.6	40
91.5	14.24	5.70E-04	150.19	0.2254	0.01878	0.01579	0.95	716.5	23.8	40
91.5	14.24	5.59E-04	150.2	0.2211	0.01842	0.01549	0.95	716.5	23.8	40
91.5	14.24	5.59E-04	150.2	0.2211	0.01842	0.01549	0.95	716.5	23.8	40
91.5	14.24	5.47E-04	150.2	0.2161	0.01801	0.01514	0.95	716.5	23.8	40
91.5	14.24	5.47E-04	150.2	0.2161	0.01801	0.01514	0.95	716.5	23.8	40
91.5	14.24	5.47E-04	150.2	0.2161	0.01801	0.01514	0.95	716.5	23.8	40
91.5	14.24	5.34E-04	150.2	0.2111	0.01759	0.01479	0.95	716.5	23.8	40
91.5	14.24	5.59E-04	150.2	0.2211	0.01842	0.01549	0.95	716.5	23.8	40
91.5	14.24	5.50E-04	150.19	0.2173	0.01811	0.01523	0.95	716.5	23.8	40
91.5	14.24	5.40E-04	150.19	0.2136	0.0178	0.01496	0.95	716.5	23.8	40
91.5	14.24	5.58E-04	150.2	0.2204	0.01837	0.01544	0.95	716.5	23.8	39.8
91.5	14.24	5.69E-04	150.19	0.2248	0.01873	0.01575	0.95	716.5	23.8	39.8
91.5	14.24	5.56E-04	150.19	0.2198	0.01832	0.0154	0.95	716.5	23.8	39.8
91.5	14.24	5.56E-04	150.19	0.2198	0.01832	0.0154	0.95	716.5	23.8	39.8
91.5	14.24	5.56E-04	150.19	0.2198	0.01832	0.0154	0.95	716.5	23.8	39.8
91.5	14.24	5.47E-04	150.2	0.2161	0.01801	0.01514	0.95	716.5	23.8	39.8
91.5	14.24	5.47E-04	150.19	0.2161	0.01801	0.01514	0.95	716.5	23.8	39.6
91.5	14.24	5.47E-04	150.19	0.2161	0.01801	0.01514	0.95	716.5	23.8	39.6
91.5	14.24	5.56E-04	150.2	0.2198	0.01832	0.0154	0.95	716.5	23.8	39.6
91.5	14.24	5.34E-04	150.2	0.2111	0.01759	0.01479	0.95	716.5	23.8	39.6
91.5	14.24	5.39E-04	150.19	0.213	0.01775	0.01492	0.95	716.5	23.8	39.6
91.5	14.24	5.39E-04	150.19	0.213	0.01775	0.01492	0.95	716.5	23.8	39.5
91.5	14.24	5.47E-04	150.19	0.2161	0.01801	0.01514	0.95	716.5	23.8	39.5
91.5	14.24	5.47E-04	150.19	0.2161	0.01801	0.01514	0.95	716.5	23.8	39.5
91.5	14.24	5.59E-04	150.19	0.2211	0.01842	0.01549	0.95	716.5	23.8	39.5
91.5	14.24	5.47E-04	150.19	0.2161	0.01801	0.01514	0.95	716.5	23.8	39.5
91.5	14.24	5.72E-04	150.2	0.226	0.01884	0.01584	0.95	716.5	23.8	39.8
91.5	14.24	5.69E-04	150.2	0.2248	0.01873	0.01575	0.95	716.5	23.8	39.8
91.5	14.24	5.59E-04	150.19	0.2211	0.01842	0.01549	0.95	716.5	23.8	39.8
91.5	14.24	5.59E-04	150.19	0.2211	0.01842	0.01549	0.95	716.5	23.8	39.8
87	13.54	4.57E-04	150.2	0.1634	0.01361	0.01144	0.95	716.5	23.8	39.8
87	13.54	4.57E-04	150.2	0.1634	0.01361	0.01144	0.95	716.5	23.8	39.7
87	13.54	4.45E-04	150.2	0.1589	0.01324	0.01113	0.95	716.5	23.8	39.7
87	13.54	4.63E-04	150.19	0.1656	0.0138	0.0116	0.95	716.5	23.8	39.7
87	13.54	4.63E-04	150.19	0.1656	0.0138	0.0116	0.95	716.5	23.8	39.7
82.5	12.84	3.82E-04	150.2	0.1227	0.01022	0.00859	0.95	716.5	23.8	39.7
82.5	12.84	3.82E-04	150.2	0.1227	0.01022	0.00859	0.95	716.5	23.8	39.2
82.5	12.84	3.99E-04	150.19	0.1282	0.01068	0.00898	0.95	716.5	23.8	39.2
82.5	12.84	3.85E-04	150.19	0.1237	0.01031	0.00866	0.95	716.5	23.8	39.2
82.5	12.84	3.85E-04	150.19	0.1237	0.01031	0.00866	0.95	716.5	23.8	39.2
77.5	12.06	3.49E-04	150.2	0.0989	0.00824	0.00693	0.95	716.5	23.8	39.2
77.5	12.06	3.43E-04	150.19	0.0974	0.00811	0.00682	0.95	716.5	23.8	39.1
77.5	12.06	3.38E-04	150.19	0.0959	0.00799	0.00672	0.95	716.5	23.8	39.1
77.5	12.06	3.38E-04	150.19	0.0959	0.00799	0.00672	0.95	716.5	23.8	39.1
77.5	12.06	3.38E-04	150.19	0.0959	0.00799	0.00672	0.95	716.5	23.8	39.1
73	11.36	3.09E-04	150.2	0.0779	0.00649	0.00546	0.95	716.7	23.8	39.1
73	11.36	3.02E-04	150.19	0.0759	0.00632	0.00532	0.95	716.7	23.8	39.1
73	11.36	3.02E-04	150.19	0.0759	0.00632	0.00532	0.95	716.7	23.8	39.1
73	11.36	3.02E-04	150.19	0.0759	0.00632	0.00532	0.95	716.7	23.8	39.1
73	11.36	3.11E-04	150.19	0.0783	0.00652	0.00548	0.95	716.7	23.8	39.1
68.5	10.66	2.80E-04	150.19	0.0619	0.00516	0.00434	0.95	716.7	23.8	39.1
68.5	10.66	2.76E-04	150.19	0.0612	0.0051	0.00429	0.95	716.7	23.8	39.1
68.5	10.66	2.83E-04	150.2	0.0626	0.00522	0.00439	0.95	716.7	23.8	39.1
68.5	10.66	2.80E-04	150.2	0.0619	0.00516	0.00434	0.95	716.7	23.8	39.1
68.5	10.66	2.75E-04	150.2	0.0609	0.00508	0.00427	0.95	716.7	23.8	39.1

TABLA N° ANEXO C.47: Conductor 4, AAAC TW 2.88 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uomed	Eomed	d	m
38.2	21.8	721	0.96	65.95	10.26	2.88	0.3867

Pérdidas por efecto Corona en la Muestra 3

U	E	tg d	Cxp	Pe	Per	Pe60	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	3.24E-01	165.21	220.3667	18.36389	15.43861	0.96	721	21.4	33.7
114.5	17.81	3.28E-01	165.32	223.7378	18.64482	15.67479	0.96	721	21.4	33.7
114.5	17.81	3.26E-01	165.22	222.308	18.52566	15.57461	0.96	721	21.4	33.7
114.5	17.81	3.26E-01	165.22	222.308	18.52566	15.57461	0.96	721	21.4	33.7
114.5	17.81	3.27E-01	165.45	223.0474	18.58728	15.62642	0.96	721	21.4	33.7
109.5	17.04	2.55E-01	165.1	158.3937	13.19948	11.09686	0.96	721	21.4	33.7
109.5	17.04	2.57E-01	165.2	159.8535	13.32113	11.19914	0.96	721	21.4	33.7
109.5	17.04	2.55E-01	165.02	158.9025	13.24187	11.13251	0.96	721	21.4	33.7
109.5	17.04	2.70E-01	166.05	169.1533	14.09611	11.85067	0.96	721	21.4	33.7
109.5	17.04	2.61E-01	165.42	162.6418	13.55349	11.39448	0.96	721	21.4	33.7
105	16.34	1.99E-01	163.64	112.6512	9.3876	7.8922	0.96	721	21.3	34.2
105	16.34	1.92E-01	163.28	108.4912	9.04094	7.60076	0.96	721	21.3	34.2
105	16.34	1.92E-01	163.28	108.4912	9.04094	7.60076	0.96	721	21.3	34.2
105	16.34	1.98E-01	163.68	112.3267	9.36056	7.86947	0.96	721	21.3	34.2
105	16.34	1.98E-01	163.68	112.3267	9.36056	7.86947	0.96	721	21.3	34.2
100.5	15.64	1.47E-01	162.05	75.5258	6.29381	5.29124	0.96	721	21.3	34.2
100.5	15.64	1.42E-01	161.77	72.826	6.06883	5.1021	0.96	721	21.3	34.2
100.5	15.64	1.46E-01	161.59	74.765	6.23042	5.23794	0.96	721	21.3	34.2
100.5	15.64	1.42E-01	161.77	72.826	6.06883	5.1021	0.96	721	21.3	34.2
100.5	15.64	1.45E-01	161.9	74.3362	6.19468	5.2079	0.96	721	21.3	34.2
96	14.94	1.07E-01	160.21	49.7703	4.14753	3.48685	0.96	721	21.3	35
96	14.94	1.08E-01	160.37	50.2578	4.18815	3.521	0.96	721	21.3	35
96	14.94	1.08E-01	160.37	50.2578	4.18815	3.521	0.96	721	21.3	35
96	14.94	1.09E-01	160.33	50.828	4.23566	3.56094	0.96	721	21.3	35
96	14.94	1.12E-01	160.49	52.0468	4.33724	3.64634	0.96	721	21.3	35
91.5	14.24	7.23E-02	158.6	30.1884	2.5157	2.11496	0.96	721	21.3	35.2
91.5	14.24	7.23E-02	158.6	30.1884	2.5157	2.11496	0.96	721	21.3	35.2
91.5	14.24	7.83E-02	158.79	32.7204	2.7267	2.29235	0.96	721	21.3	35.2
91.5	14.24	7.95E-02	158.79	33.2447	2.77039	2.32908	0.96	721	21.3	35.2
91.5	14.24	7.95E-02	158.88	33.2632	2.77193	2.33037	0.96	721	21.3	35.2
91.5	14.24	8.11E-02	158.84	33.9115	2.82596	2.3758	0.96	721	21.3	35.2
91.5	14.24	8.02E-02	158.86	33.5223	2.79353	2.34853	0.96	721	21.3	35.2
91.5	14.24	8.61E-02	159.05	36.0616	3.00514	2.52643	0.96	721	21.3	35.2
91.5	14.24	8.58E-02	158.98	35.9137	2.99281	2.51607	0.96	721	21.3	35.4
91.5	14.24	7.92E-02	158.9	33.1354	2.76129	2.32143	0.96	721	21.3	35.4
91.5	14.24	7.99E-02	158.88	33.3949	2.78291	2.3396	0.96	721	21.3	35.4
91.5	14.24	7.99E-02	158.88	33.3949	2.78291	2.3396	0.96	721	21.3	35.4
91.5	14.24	7.86E-02	158.84	32.8609	2.73841	2.30219	0.96	721	21.3	35.4
91.5	14.24	7.89E-02	158.87	32.9993	2.74994	2.31189	0.96	721	21.3	35.4
91.5	14.24	8.05E-02	158.88	33.6571	2.80476	2.35797	0.96	721	21.3	35.4
91.5	14.24	8.05E-02	158.88	33.6571	2.80476	2.35797	0.96	721	21.3	35.5
91.5	14.24	8.14E-02	158.93	34.0632	2.8386	2.38642	0.96	721	21.3	35.5
91.5	14.24	8.14E-02	158.93	34.0632	2.8386	2.38642	0.96	721	21.3	35.5
91.5	14.24	8.14E-02	158.93	34.0632	2.8386	2.38642	0.96	721	21.3	35.5
91.5	14.24	7.77E-02	158.79	32.4571	2.70476	2.2739	0.96	721	21.3	35.5
91.5	14.24	7.51E-02	158.73	31.3934	2.61612	2.19938	0.96	721	21.3	35.5
91.5	14.24	7.33E-02	158.67	30.5956	2.54963	2.14349	0.96	721	21.1	35.4
91.5	14.24	7.23E-02	159.14	30.2911	2.52426	2.12216	0.96	721	21.1	35.4
91.5	14.24	7.29E-02	158.7	30.4692	2.5391	2.13463	0.96	721	21.1	35.4
91.5	14.24	7.36E-02	158.74	30.7403	2.56169	2.15363	0.96	721	21.1	35.4
91.5	14.24	7.36E-02	158.74	30.7403	2.56169	2.15363	0.96	721	21.1	35.4
91.5	14.24	7.51E-02	158.71	31.391	2.61592	2.19921	0.96	721	21.1	35.4
91.5	14.24	7.45E-02	158.73	31.1314	2.59429	2.18103	0.96	721	21.1	35.4
91.5	14.24	7.45E-02	158.73	31.1314	2.59429	2.18103	0.96	721	21.1	35.4
91.5	14.24	7.42E-02	158.74	31.0016	2.58347	2.17194	0.96	721	21.2	35.6
87	13.54	5.26E-02	157.88	19.7505	1.64587	1.38369	0.96	721	21.2	35.6
87	13.54	5.13E-02	157.84	19.2739	1.60616	1.3503	0.96	721	21.2	35.6
87	13.54	5.19E-02	157.86	19.5125	1.62604	1.36702	0.96	721	21.2	35.6
87	13.54	5.25E-02	157.89	19.7219	1.64349	1.38169	0.96	721	21.2	35.6
87	13.54	5.29E-02	157.9	19.8673	1.65561	1.39188	0.96	721	21.2	35.6
82.5	12.84	3.66E-02	157.35	12.3368	1.02807	0.8643	0.96	721	21	35.6
82.5	12.84	3.87E-02	157.37	13.0444	1.08704	0.91388	0.96	721	21	35.6
82.5	12.84	3.87E-02	157.37	13.0444	1.08704	0.91388	0.96	721	21	35.6
82.5	12.84	3.80E-02	157.38	12.8061	1.06717	0.89718	0.96	721	21	35.6
82.5	12.84	3.65E-02	157.33	12.2708	1.02256	0.85967	0.96	721	21.1	36.1
77.5	12.06	2.23E-02	157.11	6.6206	0.55171	0.46383	0.96	721	21.1	36.1
77.5	12.06	2.25E-02	157.11	6.6672	0.5556	0.46709	0.96	721	21.1	36.1
77.5	12.06	2.25E-02	157.11	6.6672	0.5556	0.46709	0.96	721	21.1	36.1
77.5	12.06	2.21E-02	157.11	6.5703	0.54753	0.46031	0.96	721	21.1	36.1
77.5	12.06	2.34E-02	157.12	6.9452	0.57877	0.48657	0.96	721.2	21.1	36.1
73	11.36	1.26E-02	156.94	3.3122	0.27602	0.23205	0.96	721.2	20.9	36.2
73	11.36	1.31E-02	156.96	3.4472	0.28726	0.2415	0.96	721.2	20.9	36.2
73	11.36	1.17E-02	156.94	3.0817	0.25681	0.2159	0.96	721.2	20.9	36.2
73	11.36	1.17E-02	156.94	3.0817	0.25681	0.2159	0.96	721.2	20.9	36.2
73	11.36	1.17E-02	156.94	3.0817	0.25681	0.2159	0.96	721.2	20.9	36.2
68.5	10.66	6.37E-03	156.88	1.4733	0.12278	0.10322	0.96	721.2	21	36.4
68.5	10.86	6.23E-03	156.88	1.4424	0.1202	0.10105	0.96	721.2	21	36.4
68.5	10.66	6.03E-03	156.88	1.3959	0.11632	0.09779	0.96	721.2	21	36.4
68.5	10.66	5.98E-03	156.88	1.385	0.11542	0.09703	0.96	721.2	21	36.4
68.5	10.86	5.98E-03	156.88	1.385	0.11542	0.09703	0.96	721.2	20.9	36.5

TABLA N° ANEXO C.48: Conductor 4, AAAC TW 2.88 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.5	26.1	717.3	0.94	35.1	5.46	2.88	0.2095

Pérdidas por efecto Corona en la Muestra 3

U	E	tg d	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.81	6.03E-01	216.25	537.8619	44.82183	37.68193	0.94	716.5	25.3	26.7
114.5	17.81	6.03E-01	216.8	539.2392	44.9366	37.77841	0.94	716.5	25.3	26.7
114.5	17.81	6.05E-01	216.61	539.6597	44.97164	37.80787	0.94	716.5	25.3	26.7
114.5	17.81	6.05E-01	216.14	538.4938	44.87448	37.72619	0.94	716.5	25.3	26.7
114.5	17.81	6.05E-01	215.98	538.103	44.84192	37.69882	0.94	716.5	25.3	26.7
109.5	17.04	5.89E-01	211.21	468.9648	39.0804	32.85508	0.94	716.5	25.3	26.9
109.5	17.04	5.89E-01	211.45	469.5001	39.125	32.89258	0.94	716.5	25.3	26.9
109.5	17.04	5.91E-01	211.12	470.2019	39.18349	32.94175	0.94	716.5	25.3	26.9
109.5	17.04	5.90E-01	211.34	469.9618	39.16348	32.92492	0.94	716.5	25.3	26.9
109.5	17.04	5.88E-01	211.57	468.6738	39.05615	32.83469	0.94	716.5	25.3	26.9
105	16.34	5.70E-01	206.67	408.4813	34.0401	28.61768	0.94	716.5	25.3	26.4
105	16.34	5.70E-01	206.94	409.024	34.08534	28.65571	0.94	716.5	25.3	26.4
105	16.34	5.70E-01	206.99	408.9322	34.07768	28.64927	0.94	716.5	25.3	26.4
105	16.34	5.72E-01	206.22	408.6235	34.05196	28.62765	0.94	716.5	25.3	26.4
105	16.34	5.70E-01	206.84	408.5066	34.04221	28.61945	0.94	716.5	25.3	26.4
100.5	15.64	5.52E-01	201.14	352.533	29.37775	24.69802	0.94	716.5	25.3	26.6
100.5	15.64	5.52E-01	201.14	352.533	29.37775	24.69802	0.94	716.5	25.3	26.6
100.5	15.64	5.53E-01	201.23	353.1326	29.42772	24.74002	0.94	716.5	25.3	26.6
100.5	15.64	5.53E-01	201.39	353.3843	29.44869	24.75766	0.94	716.5	25.3	26.6
100.5	15.64	5.53E-01	201.18	353.2634	29.43861	24.74918	0.94	716.5	25.3	26.6
96	14.94	5.32E-01	197.07	303.6462	25.30385	21.27307	0.94	716.5	25.3	27.1
96	14.94	5.32E-01	196.56	302.9772	25.2481	21.2262	0.94	716.5	25.3	27.1
96	14.94	5.33E-01	196.41	303.2767	25.27306	21.24718	0.94	716.5	25.3	27.1
96	14.94	5.33E-01	196.73	303.7784	25.31487	21.28233	0.94	716.5	25.3	27.1
96	14.94	5.33E-01	197.02	304.0361	25.33634	21.30038	0.94	716.5	25.3	27.1
91.5	14.24	5.07E-01	191.71	255.9039	21.32532	17.9283	0.94	716.4	25.3	27.2
91.5	14.24	5.08E-01	191.84	256.4168	21.36807	17.96424	0.94	716.4	25.3	27.2
91.5	14.24	5.08E-01	191.75	256.5739	21.38116	17.97524	0.94	716.4	25.3	27.2
91.5	14.24	5.08E-01	191.75	256.5739	21.38116	17.97524	0.94	716.4	25.3	27.2
91.5	14.24	5.08E-01	191.75	256.5739	21.38116	17.97524	0.94	716.4	25.3	27.2
91.5	14.24	5.07E-01	191.91	256.2745	21.35621	17.95426	0.94	716.4	25.3	27.2
91.5	14.24	5.09E-01	191.71	256.6488	21.38738	17.98048	0.94	716.4	25.3	27.2
91.5	14.24	5.09E-01	192.02	257.0602	21.42168	18.00931	0.94	716.4	25.3	27.2
91.5	14.24	5.09E-01	191.58	256.4701	21.37251	17.96797	0.94	716.4	25.3	27.4
91.5	14.24	5.09E-01	191.79	256.7545	21.39621	17.98789	0.94	716.4	25.3	27.4
91.5	14.24	5.11E-01	191.48	257.3616	21.4468	18.03042	0.94	716.4	25.3	27.4
91.5	14.24	5.11E-01	191.64	257.7672	21.4806	18.05884	0.94	716.4	25.3	27.4
91.5	14.24	5.07E-01	192.24	256.6094	21.38412	17.97773	0.94	716.4	25.3	27.4
91.5	14.24	5.08E-01	192.15	256.7895	21.39913	17.99035	0.94	716.4	25.3	27.4
91.5	14.24	5.08E-01	192.15	256.7895	21.39913	17.99035	0.94	716.4	25.3	27.4
91.5	14.24	5.08E-01	191.84	256.3737	21.36448	17.96122	0.94	716.4	25.3	27.2
91.5	14.24	5.07E-01	191.89	256.2688	21.35574	17.95387	0.94	716.4	25.3	27.2
91.5	14.24	5.07E-01	192.16	256.2756	21.3563	17.95434	0.94	716.4	25.3	27.2
91.5	14.24	5.08E-01	192.16	257.1115	21.42595	18.0129	0.94	716.4	25.3	27.2
91.5	14.24	5.09E-01	191.92	257.1402	21.42835	18.01492	0.94	716.4	25.3	27.2
91.5	14.24	5.08E-01	191.83	256.4182	21.36818	17.96433	0.94	716.4	25.3	27.2
91.5	14.24	5.08E-01	191.71	256.2563	21.35469	17.95299	0.94	716.4	25.3	27.2
91.5	14.24	5.09E-01	191.55	256.5719	21.38099	17.9751	0.94	716.4	25.3	27.4
91.5	14.24	5.07E-01	191.9	256.1834	21.34861	17.94788	0.94	716.4	25.3	27.4
91.5	14.24	5.08E-01	191.93	256.5679	21.38066	17.97482	0.94	716.4	25.3	27.4
91.5	14.24	5.11E-01	191.66	257.7959	21.48299	18.06085	0.94	716.4	25.3	27.4
91.5	14.24	5.11E-01	191.62	257.5669	21.46391	18.04481	0.94	716.4	25.3	27.4
91.5	14.24	5.11E-01	191.59	257.5195	21.45996	18.04149	0.94	716.4	25.3	27.4
91.5	14.24	5.07E-01	192.12	256.2789	21.35658	17.95458	0.94	716.4	25.3	27.4
91.5	14.24	5.07E-01	192.24	256.5158	21.37831	17.97117	0.94	716.4	25.3	27.4
87	13.54	4.84E-01	186.7	215.2012	17.93343	15.07672	0.94	716.4	25.3	27.5
87	13.54	4.85E-01	186.82	215.563	17.96359	15.10207	0.94	716.4	25.3	27.5
87	13.54	4.84E-01	186.87	215.2141	17.9345	15.07762	0.94	716.4	25.3	27.5
87	13.54	4.85E-01	187	215.5962	17.96635	15.1044	0.94	716.4	25.3	27.5
87	13.54	4.85E-01	186.85	215.4184	17.95154	15.09194	0.94	716.4	25.3	27.5
82.5	12.84	4.52E-01	181.77	175.7868	14.6489	12.3154	0.94	716.4	25.2	27.9
82.5	12.84	4.52E-01	181.21	175.239	14.60325	12.27703	0.94	716.4	25.2	27.9
82.5	12.84	4.53E-01	181.66	176.0062	14.66718	12.33077	0.94	716.4	25.2	27.9
82.5	12.84	4.53E-01	181.3	175.5968	14.63306	12.30209	0.94	716.4	25.2	27.9
82.5	12.84	4.53E-01	181.67	175.9544	14.66287	12.32714	0.94	716.4	25.2	27.9
77.5	12.06	4.14E-01	175.2	136.9154	11.40962	9.59212	0.94	716.4	25.2	27.9
77.5	12.06	4.15E-01	175.11	137.2783	11.43986	9.61754	0.94	716.4	25.2	27.9
77.5	12.06	4.15E-01	174.78	137.0091	11.41742	9.59868	0.94	716.4	25.2	27.9
77.5	12.06	4.16E-01	174.9	137.2347	11.43623	9.61449	0.94	716.4	25.2	27.9
77.5	12.06	4.16E-01	174.9	137.2347	11.43623	9.61449	0.94	716.4	25.2	27.9
73	11.36	3.61E-01	169.69	102.6137	8.55114	7.18899	0.94	716.4	25.3	27.8
73	11.36	3.61E-01	169.32	102.3936	8.5328	7.17356	0.94	716.4	25.3	27.8
73	11.36	3.82E-01	169.48	102.8111	8.56759	7.20282	0.94	716.4	25.3	27.8
73	11.36	3.62E-01	169.02	102.5304	8.5442	7.18315	0.94	716.4	25.3	27.8
73	11.36	3.63E-01	169.07	102.7768	8.56474	7.20041	0.94	716.4	25.3	27.8
68.5	10.66	3.09E-01	164.66	74.9328	6.2444	5.24969	0.94	716.4	25.1	27.8
68.5	10.66	3.10E-01	164.36	75.2081	6.26734	5.26899	0.94	716.4	25.1	27.8
68.5	10.66	3.11E-01	164.62	75.411	6.28425	5.2832	0.94	716.4	25.1	27.8
68.5	10.66	3.12E-01	164.1	75.4351	6.28626	5.28489	0.94	716.4	25.1	27.8
68.5	10.66	3.07E-01	164.73	74.5658	6.21381	5.22398	0.94	716.4	25.1	27.8

TABLA N° ANEXO C.49: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 1. Configuración doble. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
44	25.1	713.3	0.94	164	21.79	2.88	0.8375

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110	14.61	8.64E-05	239.17	0.0786	0.00655	0.0046	0.94	711.8	22.6	45.2
110	14.61	8.64E-05	239.17	0.0786	0.00655	0.0046	0.94	711.8	22.6	45.2
110	14.61	8.64E-05	239.17	0.0786	0.00655	0.0046	0.94	711.8	22.6	45.2
110	14.61	8.33E-05	239.17	0.0757	0.00631	0.00443	0.94	711.8	22.6	45.2
110	14.61	8.33E-05	239.17	0.0757	0.00631	0.00443	0.94	711.8	22.6	45.2
106	14.08	8.01E-05	239.17	0.0677	0.00564	0.00396	0.94	711.8	22.7	44.6
106	14.08	8.01E-05	239.17	0.0677	0.00564	0.00396	0.94	711.8	22.7	44.6
106	14.08	7.70E-05	239.17	0.065	0.00542	0.00381	0.94	711.8	22.7	44.6
106	14.08	8.01E-05	239.17	0.0677	0.00564	0.00396	0.94	711.8	22.7	44.6
106	14.08	8.01E-05	239.17	0.0677	0.00564	0.00396	0.94	711.8	22.7	44.6
102	13.55	8.64E-05	239.16	0.0676	0.00563	0.00396	0.94	711.8	22.8	44.7
102	13.55	8.64E-05	239.16	0.0676	0.00563	0.00396	0.94	711.8	22.8	44.7
102	13.55	7.85E-05	239.17	0.0614	0.00512	0.0036	0.94	711.8	22.8	44.7
102	13.55	7.85E-05	239.17	0.0614	0.00512	0.0036	0.94	711.8	22.8	44.7
102	13.55	8.17E-05	239.17	0.0639	0.00532	0.00374	0.94	711.8	22.8	44.7
98	13.02	6.60E-05	239.17	0.0476	0.00397	0.00279	0.94	711.8	22.9	44.5
98	13.02	7.38E-05	239.16	0.0533	0.00444	0.00312	0.94	711.8	22.9	44.5
98	13.02	7.54E-05	239.17	0.0544	0.00454	0.00319	0.94	711.8	22.9	44.5
98	13.02	7.54E-05	239.17	0.0544	0.00454	0.00319	0.94	711.8	22.9	44.5
98	13.02	7.54E-05	239.17	0.0544	0.00454	0.00319	0.94	711.8	22.9	44.5
94.5	12.56	7.38E-05	239.17	0.0496	0.00413	0.0029	0.94	711.8	23	44.6
94.5	12.56	7.23E-05	239.16	0.0485	0.00404	0.00284	0.94	711.8	23	44.6
94.5	12.56	7.23E-05	239.16	0.0485	0.00404	0.00284	0.94	711.8	23	44.6
94.5	12.56	7.23E-05	239.16	0.0485	0.00404	0.00284	0.94	711.8	23	44.6
94.5	12.56	7.23E-05	239.16	0.0485	0.00404	0.00284	0.94	711.8	23	44.6
90.5	12.02	6.44E-05	239.17	0.0397	0.0033	0.00232	0.94	711.9	23.2	43.6
90.5	12.02	6.44E-05	239.16	0.0397	0.0033	0.00232	0.94	711.9	23.2	43.6
90.5	12.02	6.75E-05	239.17	0.0416	0.00347	0.00243	0.94	711.9	23.2	43.6
90.5	12.02	7.07E-05	239.17	0.0435	0.00363	0.00255	0.94	711.9	23.2	43.6
90.5	12.02	7.07E-05	239.17	0.0435	0.00363	0.00255	0.94	711.9	23.2	43.6
86.5	11.49	7.07E-05	239.17	0.0398	0.00331	0.00233	0.94	711.9	23.4	43.5
86.5	11.49	6.13E-05	239.16	0.0345	0.00287	0.00202	0.94	711.9	23.4	43.5
86.5	11.49	6.13E-05	239.17	0.0345	0.00287	0.00202	0.94	711.9	23.4	43.5
86.5	11.49	6.91E-05	239.17	0.0389	0.00324	0.00228	0.94	711.9	23.4	43.5
86.5	11.49	6.91E-05	239.17	0.0389	0.00324	0.00228	0.94	711.9	23.4	43.5
82.5	10.96	7.07E-05	239.17	0.0362	0.00301	0.00212	0.94	711.9	23.4	43.9
82.5	10.96	6.44E-05	239.17	0.033	0.00275	0.00193	0.94	711.9	23.4	43.9
82.5	10.96	6.44E-05	239.17	0.033	0.00275	0.00193	0.94	711.9	23.4	43.9
82.5	10.96	6.44E-05	239.17	0.033	0.00275	0.00193	0.94	711.9	23.4	43.9
82.5	10.96	7.07E-05	239.17	0.0362	0.00301	0.00212	0.94	711.9	23.4	43.9
78.5	10.43	6.28E-05	239.17	0.0291	0.00243	0.0017	0.94	711.9	23.5	43.6
78.5	10.43	5.97E-05	239.14	0.0277	0.0023	0.00162	0.94	711.9	23.5	43.6
78.5	10.43	6.28E-05	239.17	0.0291	0.00243	0.0017	0.94	711.9	23.5	43.6
78.5	10.43	5.65E-05	239.17	0.0262	0.00218	0.00153	0.94	711.9	23.5	43.6
78.5	10.43	6.91E-05	239.17	0.032	0.00267	0.00187	0.94	711.9	23.5	43.6
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.6	43.6
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.6	43.6
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.6	43.6
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.6	43.6
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.6	43.6
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.6	43.6
78.5	10.43	6.91E-05	239.17	0.032	0.00267	0.00187	0.94	711.9	23.6	43.6
78.5	10.43	6.60E-05	239.17	0.0306	0.00255	0.00179	0.94	711.9	23.6	43.6
78.5	10.43	6.60E-05	239.17	0.0306	0.00255	0.00179	0.94	711.9	23.6	43.6
78.5	10.43	6.60E-05	239.17	0.0306	0.00255	0.00179	0.94	711.9	23.6	43.6
78.5	10.43	6.44E-05	239.17	0.0298	0.00249	0.00175	0.94	711.9	23.8	43.5
78.5	10.43	5.34E-05	239.17	0.0247	0.00206	0.00145	0.94	711.9	23.8	43.5
78.5	10.43	5.34E-05	239.17	0.0247	0.00206	0.00145	0.94	711.9	23.8	43.5
78.5	10.43	6.13E-05	239.17	0.0284	0.00237	0.00166	0.94	711.9	23.8	43.5
78.5	10.43	6.13E-05	239.17	0.0284	0.00237	0.00166	0.94	711.9	23.8	43.5
78.5	10.43	6.91E-05	239.17	0.032	0.00267	0.00187	0.94	711.9	23.8	43.4
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.8	43.4
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.8	43.4
78.5	10.43	5.97E-05	239.17	0.0277	0.0023	0.00162	0.94	711.9	23.8	43.4
78.5	10.43	5.50E-05	239.17	0.0255	0.00212	0.00149	0.94	711.9	23.8	43.4
78.5	10.43	6.44E-05	239.17	0.0298	0.00249	0.00175	0.94	711.9	23.8	43.2
78.5	10.43	6.44E-05	239.17	0.0298	0.00249	0.00175	0.94	711.9	23.8	43.2
78.5	10.43	6.44E-05	239.17	0.0298	0.00249	0.00175	0.94	711.9	23.8	43.2
78.5	10.43	6.44E-05	239.17	0.0298	0.00249	0.00175	0.94	711.9	23.8	43.2
78.5	10.43	6.44E-05	239.17	0.0298	0.00249	0.00175	0.94	711.9	23.8	43.2
74.5	9.9	6.44E-05	239.17	0.0269	0.00224	0.00157	0.94	711.9	23.9	43
74.5	9.9	6.44E-05	239.17	0.0269	0.00224	0.00157	0.94	711.9	23.9	43
74.5	9.9	5.81E-05	239.17	0.0243	0.00202	0.00142	0.94	711.9	23.9	43
74.5	9.9	5.81E-05	239.17	0.0243	0.00202	0.00142	0.94	711.9	23.9	43
74.5	9.9	5.81E-05	239.17	0.0243	0.00202	0.00142	0.94	711.9	23.9	43
70.5	9.37	6.44E-05	239.17	0.0241	0.00201	0.00141	0.94	711.9	23.9	42.4
70.5	9.37	6.13E-05	239.17	0.0229	0.00191	0.00134	0.94	711.9	23.9	42.4
70.5	9.37	6.13E-05	239.17	0.0229	0.00191	0.00134	0.94	711.9	23.9	42.4
70.5	9.37	6.13E-05	239.17	0.0229	0.00191	0.00134	0.94	711.9	23.9	42.4
70.5	9.37	5.65E-05	239.17	0.0211	0.00176	0.00124	0.94	711.9	23.9	42.4

TABLA N° ANEXO C.50: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
44	19	722	0.97	127.9	16.99	2.88	0.6343

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	1.41E-04	241.12	0.1029	0.00858	0.00602	0.96	720	21.5	33.1
98	13.02	1.41E-04	241.12	0.1029	0.00858	0.00602	0.96	720	21.5	33.1
98	13.02	1.41E-04	241.12	0.1029	0.00858	0.00602	0.96	720	21.5	33.1
98	13.02	1.41E-04	241.12	0.1029	0.00858	0.00602	0.96	720	21.5	33.1
98	13.02	1.60E-04	241.12	0.1166	0.00972	0.00683	0.96	720	21.5	33.1
94.5	12.56	1.51E-04	241.12	0.1021	0.00851	0.00597	0.96	720	21.5	33.2
94.5	12.56	1.51E-04	241.12	0.1021	0.00851	0.00597	0.96	720	21.5	33.2
94.5	12.56	1.51E-04	241.12	0.1021	0.00851	0.00597	0.96	720	21.5	33.2
94.5	12.56	1.51E-04	241.12	0.1021	0.00851	0.00597	0.96	720	21.5	33.2
94.5	12.56	1.52E-04	241.11	0.1031	0.00859	0.00604	0.96	720	21.5	33.2
90.5	12.02	1.52E-04	241.11	0.0946	0.00788	0.00554	0.96	720	21.5	33.1
90.5	12.02	1.41E-04	241.11	0.0878	0.00731	0.00514	0.96	720	21.5	33.1
90.5	12.02	1.41E-04	241.11	0.0878	0.00731	0.00514	0.96	720	21.5	33.1
90.5	12.02	1.41E-04	241.11	0.0878	0.00731	0.00514	0.96	720	21.5	33.1
90.5	12.02	1.52E-04	241.11	0.0946	0.00788	0.00554	0.96	720	21.5	33.1
86.5	11.49	1.46E-04	241.11	0.0828	0.0069	0.00485	0.96	720	21.7	33.2
86.5	11.49	1.46E-04	241.11	0.0828	0.0069	0.00485	0.96	720	21.7	33.2
86.5	11.49	1.46E-04	241.11	0.0828	0.0069	0.00485	0.96	720	21.7	33.2
86.5	11.49	1.46E-04	241.11	0.0828	0.0069	0.00485	0.96	720	21.7	33.2
86.5	11.49	1.40E-04	241.11	0.0793	0.00661	0.00464	0.96	720	21.7	33.2
82.5	10.96	1.43E-04	241.11	0.0737	0.00615	0.00432	0.96	720	21.6	33.3
82.5	10.96	1.43E-04	241.11	0.0737	0.00615	0.00432	0.96	720	21.6	33.3
82.5	10.96	1.43E-04	241.11	0.0737	0.00615	0.00432	0.96	720	21.6	33.3
82.5	10.96	1.43E-04	241.11	0.0737	0.00615	0.00432	0.96	720	21.6	33.3
82.5	10.96	1.43E-04	241.11	0.0737	0.00615	0.00432	0.96	720	21.6	33.3
78.5	10.43	1.32E-04	241.1	0.0616	0.00514	0.00361	0.96	720	21.6	33.3
78.5	10.43	1.32E-04	241.1	0.0616	0.00514	0.00361	0.96	720	21.6	33.3
78.5	10.43	1.32E-04	241.1	0.0616	0.00514	0.00361	0.96	720	21.6	33.3
78.5	10.43	1.32E-04	241.1	0.0616	0.00514	0.00361	0.96	720	21.6	33.3
78.5	10.43	1.32E-04	241.1	0.0616	0.00514	0.00361	0.96	720	21.6	33.3
78.5	10.43	1.32E-04	241.1	0.0616	0.00514	0.00361	0.96	720	21.6	33.3
78.5	10.43	1.32E-04	241.1	0.0616	0.00514	0.00361	0.96	720	21.6	33.3
78.5	10.43	1.40E-04	241.11	0.0653	0.00544	0.00382	0.96	720	21.6	33.3
78.5	10.43	1.40E-04	241.11	0.0653	0.00544	0.00382	0.96	720	21.6	33.3
78.5	10.43	1.40E-04	241.11	0.0653	0.00544	0.00382	0.96	720	21.6	33.3
78.5	10.43	1.40E-04	241.11	0.0653	0.00544	0.00382	0.96	720	21.6	33.4
78.5	10.43	1.40E-04	241.11	0.0653	0.00544	0.00382	0.96	720	21.6	33.4
78.5	10.43	1.35E-04	241.1	0.0631	0.00526	0.00369	0.96	720	21.6	33.4
78.5	10.43	1.35E-04	241.1	0.0631	0.00526	0.00369	0.96	720	21.6	33.4
78.5	10.43	1.35E-04	241.1	0.0631	0.00526	0.00369	0.96	720	21.6	33.4
78.5	10.43	1.30E-04	241.1	0.0609	0.00507	0.00356	0.96	720	21.4	35
78.5	10.43	1.30E-04	241.1	0.0609	0.00507	0.00356	0.96	720	21.4	35
78.5	10.43	1.30E-04	241.1	0.0609	0.00507	0.00356	0.96	720	21.4	35
78.5	10.43	1.30E-04	241.1	0.0609	0.00507	0.00356	0.96	720	21.4	35
78.5	10.43	1.37E-04	241.1	0.0638	0.00532	0.00374	0.96	720	21.4	35
78.5	10.43	1.37E-04	241.1	0.0638	0.00532	0.00374	0.96	720	21.4	35
78.5	10.43	1.37E-04	241.1	0.0638	0.00532	0.00374	0.96	720	21.4	35
78.5	10.43	1.41E-04	241.1	0.066	0.0055	0.00386	0.96	720	21.4	35
78.5	10.43	1.41E-04	241.1	0.066	0.0055	0.00386	0.96	720	21.4	35
78.5	10.43	1.48E-04	241.1	0.069	0.00575	0.00404	0.96	720	21.4	35
78.5	10.43	1.38E-04	241.1	0.0646	0.00538	0.00378	0.96	720	21.3	35.2
78.5	10.43	1.38E-04	241.1	0.0646	0.00538	0.00378	0.96	720	21.3	35.2
78.5	10.43	1.38E-04	241.1	0.0646	0.00538	0.00378	0.96	720	21.3	35.2
78.5	10.43	1.34E-04	241.1	0.0624	0.0052	0.00365	0.96	720	21.3	35.2
78.5	10.43	1.34E-04	241.1	0.0624	0.0052	0.00365	0.96	720	21.3	35.2
74.5	9.9	1.45E-04	241.1	0.0608	0.00507	0.00356	0.96	720	21.3	35.3
74.5	9.9	1.45E-04	241.1	0.0608	0.00507	0.00356	0.96	720	21.3	35.3
74.5	9.9	1.45E-04	241.1	0.0608	0.00507	0.00356	0.96	720	21.3	35.3
74.5	9.9	1.41E-04	241.1	0.0595	0.00496	0.00348	0.96	720	21.3	35.3
74.5	9.9	1.41E-04	241.1	0.0595	0.00496	0.00348	0.96	720	21.3	35.3
70.5	9.37	1.35E-04	241.1	0.0509	0.00424	0.00298	0.96	720	21.2	35.4
70.5	9.37	1.35E-04	241.1	0.0509	0.00424	0.00298	0.96	720	21.2	35.4
70.5	9.37	1.35E-04	241.1	0.0509	0.00424	0.00298	0.96	720	21.2	35.4
70.5	9.37	1.35E-04	241.1	0.0509	0.00424	0.00298	0.96	720	21.2	35.4
70.5	9.37	1.35E-04	241.1	0.0509	0.00424	0.00298	0.96	720	21.2	35.4
67	8.9	1.43E-04	241.1	0.0486	0.00405	0.00285	0.96	720	21.2	35.4
67	8.9	1.43E-04	241.1	0.0486	0.00405	0.00285	0.96	720	21.2	35.4
67	8.9	1.43E-04	241.1	0.0486	0.00405	0.00285	0.96	720.5	21.2	35.4
67	8.9	1.43E-04	241.1	0.0486	0.00405	0.00285	0.96	720.5	21.2	35.4
67	8.9	1.43E-04	241.1	0.0486	0.00405	0.00285	0.96	720.5	21.2	35.4
63	8.37	1.43E-04	241.1	0.043	0.00358	0.00252	0.96	720.5	21.2	35.4
63	8.37	1.41E-04	241.09	0.0425	0.00354	0.00249	0.96	720.5	21.2	35.4
63	8.37	1.41E-04	241.09	0.0425	0.00354	0.00249	0.96	720.5	21.2	35.4
63	8.37	1.40E-04	241.1	0.0421	0.0035	0.00246	0.96	720.5	21.2	35.4
63	8.37	1.40E-04	241.1	0.0421	0.0035	0.00246	0.96	720.5	21.2	35.4
59	7.84	1.40E-04	241.09	0.0369	0.00307	0.00216	0.96	720.5	21.3	35.6
59	7.84	1.40E-04	241.09	0.0369	0.00307	0.00216	0.96	720.5	21.3	35.6
59	7.84	1.34E-04	241.1	0.0352	0.00294	0.00206	0.96	720.5	21.3	35.6
59	7.84	1.34E-04	241.1	0.0352	0.00294	0.00206	0.96	720.5	21.3	35.6
59	7.84	1.35E-04	241.1	0.0356	0.00297	0.00209	0.96	720.5	21.3	35.6

TABLA N° ANEXO C.51: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
17.2	20.9	723.8	0.97	78.95	10.49	2.88	0.3929

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{80}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	5.87E-03	247.58	4.3891	0.36576	0.25691	0.97	723.8	20.8	15.5
98	13.02	6.09E-03	247.54	4.5549	0.37958	0.26662	0.97	723.8	20.8	15.5
98	13.02	6.09E-03	247.54	4.5549	0.37958	0.26662	0.97	723.8	20.8	15.5
98	13.02	5.75E-03	247.56	4.2971	0.35809	0.25152	0.97	723.8	20.8	15.5
98	13.02	5.99E-03	247.55	4.4801	0.37334	0.26224	0.97	723.8	20.8	15.5
94.5	12.56	3.45E-03	247.58	2.3954	0.19962	0.14021	0.97	723.8	20.8	14.9
94.5	12.56	3.45E-03	247.58	2.3954	0.19962	0.14021	0.97	723.8	20.8	14.9
94.5	12.56	3.47E-03	247.6	2.4109	0.20091	0.14112	0.97	723.8	20.8	14.9
94.5	12.56	3.41E-03	247.59	2.3715	0.19762	0.13881	0.97	723.8	20.8	14.9
94.5	12.56	3.58E-03	247.56	2.4869	0.20724	0.14556	0.97	723.8	20.8	14.9
90.5	12.02	2.04E-03	247.58	1.2977	0.10814	0.07596	0.97	723.8	20.8	15.3
90.5	12.02	1.98E-03	247.56	1.2636	0.1053	0.07396	0.97	723.8	20.8	15.3
90.5	12.02	1.98E-03	247.56	1.2636	0.1053	0.07396	0.97	723.8	20.8	15.3
90.5	12.02	1.98E-03	247.56	1.2636	0.1053	0.07396	0.97	723.8	20.8	15.3
90.5	12.02	2.14E-03	247.55	1.3616	0.11347	0.0797	0.97	723.8	20.8	15.3
86.5	11.49	1.10E-03	247.56	0.6421	0.05351	0.03759	0.97	723.8	20.5	14.3
86.5	11.49	1.10E-03	247.56	0.6421	0.05351	0.03759	0.97	723.8	20.5	14.3
86.5	11.49	1.10E-03	247.56	0.6421	0.05351	0.03759	0.97	723.8	20.5	14.3
86.5	11.49	1.10E-03	247.56	0.6421	0.05351	0.03759	0.97	723.8	20.5	14.3
86.5	11.49	1.11E-03	247.57	0.6469	0.05391	0.03786	0.97	723.8	20.5	14.3
82.5	10.96	7.67E-04	247.56	0.406	0.03384	0.02377	0.97	723.8	20.5	15.6
82.5	10.96	7.63E-04	247.55	0.4044	0.0337	0.02367	0.97	723.8	20.5	15.6
82.5	10.96	7.89E-04	247.55	0.4177	0.03481	0.02445	0.97	723.8	20.5	15.6
82.5	10.96	7.89E-04	247.55	0.4177	0.03481	0.02445	0.97	723.8	20.5	15.6
82.5	10.96	7.95E-04	247.55	0.421	0.03508	0.02464	0.97	723.8	20.5	15.6
78.5	10.43	5.12E-04	247.55	0.2456	0.02046	0.01437	0.97	723.8	20.4	16.3
78.5	10.43	5.12E-04	247.55	0.2456	0.02046	0.01437	0.97	723.8	20.4	16.3
78.5	10.43	5.18E-04	247.55	0.2486	0.02072	0.01455	0.97	723.8	20.4	16.3
78.5	10.43	5.06E-04	247.55	0.2426	0.02021	0.0142	0.97	723.8	20.4	16.3
78.5	10.43	5.06E-04	247.55	0.2426	0.02021	0.0142	0.97	723.8	20.4	16.3
78.5	10.43	5.15E-04	247.55	0.2471	0.02059	0.01446	0.97	723.8	20.1	16.8
78.5	10.43	5.00E-04	247.55	0.2395	0.01996	0.01402	0.97	723.8	20.1	16.8
78.5	10.43	5.00E-04	247.55	0.2395	0.01996	0.01402	0.97	723.8	20.1	16.8
78.5	10.43	4.96E-04	247.55	0.238	0.01984	0.01393	0.97	723.8	20.1	16.8
78.5	10.43	4.93E-04	247.55	0.2365	0.01971	0.01384	0.97	723.8	20.1	16.8
78.5	10.43	5.06E-04	247.55	0.2426	0.02021	0.0142	0.97	723.5	20	17
78.5	10.43	5.15E-04	247.54	0.2471	0.02059	0.01446	0.97	723.5	20	17
78.5	10.43	5.12E-04	247.55	0.2456	0.02046	0.01437	0.97	723.5	20	17
78.5	10.43	5.12E-04	247.55	0.2456	0.02046	0.01437	0.97	723.5	20	17
78.5	10.43	5.03E-04	247.55	0.2411	0.02009	0.01411	0.97	723.5	20	17
78.5	10.43	5.18E-04	247.55	0.2486	0.02072	0.01455	0.97	723.5	20	17.1
78.5	10.43	5.22E-04	247.55	0.2501	0.02084	0.01464	0.97	723.5	20	17.1
78.5	10.43	5.18E-04	247.55	0.2486	0.02072	0.01455	0.97	723.5	20	17.1
78.5	10.43	5.18E-04	247.54	0.2486	0.02071	0.01455	0.97	723.5	20	17.1
78.5	10.43	5.03E-04	247.54	0.241	0.02009	0.01411	0.97	723.5	20	17.1
78.5	10.43	5.15E-04	247.55	0.2471	0.02059	0.01446	0.97	723.5	20	17.3
78.5	10.43	5.15E-04	247.55	0.2471	0.02059	0.01446	0.97	723.5	20	17.3
78.5	10.43	5.03E-04	247.55	0.241	0.02009	0.01411	0.97	723.5	20	17.3
78.5	10.43	4.78E-04	247.55	0.229	0.01908	0.0134	0.97	723.5	20	17.3
78.5	10.43	4.96E-04	247.55	0.238	0.01984	0.01393	0.97	723.5	20	17.3
78.5	10.43	5.25E-04	247.54	0.2516	0.02097	0.01473	0.97	723.5	20	17.7
78.5	10.43	5.15E-04	247.54	0.2471	0.02059	0.01446	0.97	723.5	20	17.7
78.5	10.43	5.03E-04	247.55	0.241	0.02009	0.01411	0.97	723.5	20	17.7
78.5	10.43	5.06E-04	247.54	0.2426	0.02021	0.0142	0.97	723.5	20	17.7
78.5	10.43	5.06E-04	247.54	0.2426	0.02021	0.0142	0.97	723.5	20	17.7
74.5	9.9	4.24E-04	247.54	0.1832	0.01527	0.01072	0.97	723.5	19.8	17.7
74.5	9.9	4.15E-04	247.54	0.1791	0.01493	0.01048	0.97	723.5	19.8	17.7
74.5	9.9	4.15E-04	247.54	0.1791	0.01493	0.01048	0.97	723.5	19.8	17.7
74.5	9.9	4.08E-04	247.54	0.1764	0.0147	0.01033	0.97	723.5	19.8	17.7
74.5	9.9	4.34E-04	247.54	0.1873	0.0156	0.01096	0.97	723.5	19.8	17.7
70.5	9.37	4.05E-04	247.54	0.1568	0.01306	0.00918	0.97	723.5	20	17.6
70.5	9.37	4.05E-04	247.54	0.1568	0.01306	0.00918	0.97	723.5	20	17.6
70.5	9.37	3.86E-04	247.54	0.1495	0.01245	0.00875	0.97	723.5	20	17.6
70.5	9.37	3.93E-04	247.54	0.1519	0.01266	0.00889	0.97	723.5	20	17.6
70.5	9.37	3.90E-04	247.54	0.1509	0.01258	0.00863	0.97	723.5	20	17.6
67	8.9	3.77E-04	247.54	0.1317	0.01097	0.00771	0.97	724.2	19.9	17.9
67	8.9	3.71E-04	247.54	0.1295	0.01079	0.00758	0.97	724.2	19.9	17.9
67	8.9	3.71E-04	247.54	0.1295	0.01079	0.00758	0.97	724.2	19.9	17.9
67	8.9	3.83E-04	247.54	0.1339	0.01116	0.00784	0.97	724.2	19.9	17.9
67	8.9	3.83E-04	247.54	0.1339	0.01116	0.00784	0.97	724.2	19.9	17.9
63	8.37	3.77E-04	247.54	0.1164	0.0097	0.00682	0.97	724.2	19.7	18
63	8.37	3.77E-04	247.54	0.1164	0.0097	0.00682	0.97	724.2	19.7	18
63	8.37	3.71E-04	247.54	0.1145	0.00954	0.0067	0.97	724.2	19.7	18
63	8.37	3.71E-04	247.54	0.1145	0.00954	0.0067	0.97	724.2	19.7	18
63	8.37	3.74E-04	247.54	0.1155	0.00962	0.00676	0.97	724.2	19.7	18
59	7.84	3.64E-04	247.53	0.0987	0.00823	0.00578	0.97	724.2	19.7	18.2
59	7.84	3.71E-04	247.54	0.1004	0.00837	0.00588	0.97	724.2	19.7	18.2
59	7.84	3.61E-04	247.53	0.0979	0.00816	0.00573	0.97	724.2	19.7	18.2
59	7.84	3.61E-04	247.53	0.0979	0.00816	0.00573	0.97	724.2	19.7	18.2
59	7.84	3.74E-04	247.53	0.1013	0.00844	0.00593	0.97	724.2	19.7	18.2

TABLA N° ANEXO C.52: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 1. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
23.4	21	722.5	0.96	40.45	5.37	2.88	0.2017

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	3.42E-01	273.36	282.3318	23.52765	16.52578	0.96	723.1	21	24.7
98	13.02	3.41E-01	273.36	281.8155	23.48463	16.49556	0.96	723.1	21	24.7
98	13.02	3.41E-01	273.36	281.8155	23.48463	16.49556	0.96	723.1	21	24.7
98	13.02	3.41E-01	273.54	281.999	23.49992	16.5063	0.96	723.1	21	24.7
98	13.02	3.42E-01	273.44	282.4093	23.53411	16.53032	0.96	723.1	21	24.7
94.5	12.56	3.13E-01	268.83	236.362	19.69684	13.83502	0.96	723.1	21	24.8
94.5	12.56	3.14E-01	269.04	236.8063	19.73386	13.86103	0.96	723.1	21	24.8
94.5	12.56	3.15E-01	269.25	238.4194	19.86829	13.95545	0.96	723.1	21	24.8
94.5	12.56	3.15E-01	269.25	238.4194	19.86829	13.95545	0.96	723.1	21	24.8
94.5	12.56	3.16E-01	269.53	239.1448	19.92874	13.99791	0.96	723.1	21	24.8
90.5	12.02	2.99E-01	266.79	205.22	17.10167	12.01218	0.96	723.1	20.9	25
90.5	12.02	2.99E-01	266.79	205.22	17.10167	12.01218	0.96	723.1	20.9	25
90.5	12.02	2.99E-01	266.7	205.5807	17.13172	12.03329	0.96	723.1	20.9	25
90.5	12.02	3.04E-01	267.16	208.9613	17.41344	12.23117	0.96	723.1	20.9	25
90.5	12.02	3.04E-01	267.18	209.0928	17.4244	12.23887	0.96	723.1	20.9	25
86.5	11.49	2.52E-01	260.7	154.791	12.89925	9.06041	0.97	723.1	20.8	25.4
86.5	11.49	2.48E-01	260.53	151.9932	12.6661	8.89665	0.97	723.1	20.6	25.4
86.5	11.49	2.47E-01	260.34	151.115	12.59292	6.84524	0.97	723.1	20.8	25.4
86.5	11.49	2.47E-01	260.34	151.115	12.59292	8.84524	0.97	723.1	20.8	25.4
86.5	11.49	2.43E-01	260.11	148.6765	12.38971	8.70251	0.97	723.1	20.8	25.4
82.5	10.96	2.07E-01	256.45	113.4482	9.45401	6.64048	0.97	723.1	20.6	25.7
82.5	10.96	2.07E-01	256.41	113.6364	9.4697	6.6515	0.97	723.1	20.6	25.7
82.5	10.96	2.07E-01	256.41	113.6364	9.4697	6.6515	0.97	723.1	20.6	25.7
82.5	10.96	2.08E-01	256.5	114.3678	9.53065	6.69431	0.97	723.1	20.6	25.7
82.5	10.96	2.12E-01	256.83	116.2416	9.6868	6.80399	0.97	723.1	20.6	25.7
78.5	10.43	1.73E-01	253.76	84.8332	7.06944	4.96556	0.97	724.1	20.4	26.1
78.5	10.43	1.73E-01	253.76	84.8332	7.06944	4.96556	0.97	724.1	20.4	26.1
78.5	10.43	1.73E-01	253.83	84.8566	7.07138	4.96692	0.97	724.1	20.4	26.1
78.5	10.43	1.73E-01	253.74	84.8279	7.06899	4.96524	0.97	724.1	20.4	26.1
78.5	10.43	1.74E-01	253.9	85.8067	7.15056	5.02254	0.97	724.1	20.4	26.1
78.5	10.43	1.69E-01	253.57	82.9178	6.90982	4.85344	0.97	724.1	20.4	26.4
78.5	10.43	1.72E-01	253.62	84.478	7.03984	4.94477	0.97	724.1	20.4	26.4
78.5	10.43	1.72E-01	253.62	84.478	7.03984	4.94477	0.97	724.1	20.4	26.4
76.5	10.43	1.68E-01	253.34	82.2281	6.85234	4.81307	0.97	724.1	20.4	26.4
78.5	10.43	1.68E-01	253.34	82.2281	6.85234	4.81307	0.97	724.1	20.4	26.4
78.5	10.43	1.67E-01	253.4	81.9365	6.82804	4.796	0.97	724.1	20.4	26.4
78.5	10.43	1.65E-01	253.24	80.9602	6.74668	4.73886	0.97	724.1	20.4	26.4
78.5	10.43	1.63E-01	253.08	79.9846	6.66539	4.68176	0.97	724.1	20.4	26.4
78.5	10.43	1.62E-01	253.18	79.4002	6.61668	4.64754	0.97	724.1	20.4	26.4
78.5	10.43	1.74E-01	254.02	85.8495	7.15412	5.02504	0.97	724.1	20.4	26.4
78.5	10.43	1.73E-01	253.81	85.1611	7.09676	4.98475	0.97	724.1	20.4	26.8
78.5	10.43	1.73E-01	253.81	85.1611	7.09676	4.98475	0.97	724.1	20.4	26.8
78.5	10.43	1.73E-01	253.81	85.1611	7.09676	4.98475	0.97	724.1	20.4	26.8
78.5	10.43	1.73E-01	253.81	85.1611	7.09676	4.98475	0.97	724.1	20.4	26.8
78.5	10.43	1.75E-01	253.97	86.1403	7.17636	5.04207	0.97	724.1	20.4	26.8
78.5	10.43	1.73E-01	253.87	84.8701	7.07251	4.96772	0.97	724.1	20.4	27
78.5	10.43	1.75E-01	253.97	86.1403	7.17836	5.04207	0.97	724.1	20.4	27
78.5	10.43	1.77E-01	254.12	87.1202	7.26002	5.09942	0.97	724.1	20.4	27
78.5	10.43	1.79E-01	254.22	88.391	7.36592	5.17381	0.97	724.1	20.4	27
78.5	10.43	1.78E-01	254.07	87.4106	7.28422	5.11642	0.97	724.1	20.4	27
78.5	10.43	1.76E-01	253.91	86.4309	7.20258	5.05908	0.97	724.5	20.4	27.1
78.5	10.43	1.78E-01	254.07	87.4106	7.28422	5.11642	0.97	724.5	20.4	27.1
78.5	10.43	1.71E-01	253.71	83.8914	6.99095	4.91043	0.97	724.5	20.4	27.1
78.5	10.43	1.71E-01	253.71	83.8914	6.99095	4.91043	0.97	724.5	20.4	27.1
78.5	10.43	1.73E-01	253.81	85.1611	7.09676	4.98475	0.97	724.5	20.4	27.1
74.5	9.9	1.30E-01	251.17	57.1803	4.76503	3.34695	0.97	724.5	20.2	27.3
74.5	9.9	1.30E-01	251.19	56.9089	4.74241	3.33106	0.97	724.5	20.2	27.3
74.5	9.9	1.30E-01	251.19	56.9089	4.74241	3.33106	0.97	724.5	20.2	27.3
74.5	9.9	1.30E-01	251.19	56.9089	4.74241	3.33106	0.97	724.5	20.2	27.3
74.5	9.9	1.28E-01	251.01	56.0415	4.67012	3.28029	0.97	724.5	20.2	27.3
70.5	9.37	9.15E-02	249.46	35.6716	2.97263	2.08797	0.97	724.9	20.1	27.6
70.5	9.37	9.15E-02	249.46	35.6716	2.97263	2.08797	0.97	724.9	20.1	27.6
70.5	9.37	9.09E-02	249.49	35.4307	2.95256	2.07387	0.97	724.9	20.1	27.6
70.5	9.37	9.09E-02	249.49	35.4307	2.95256	2.07387	0.97	724.9	20.1	27.6
70.5	9.37	8.96E-02	249.25	34.9069	2.90891	2.04321	0.97	724.9	20.1	27.6
67	8.9	6.83E-02	248.5	23.9409	1.99507	1.40133	0.97	724.9	20.1	27.7
67	8.9	6.83E-02	248.5	23.9409	1.99507	1.40133	0.97	724.9	20.1	27.7
67	8.9	6.95E-02	248.49	24.3808	2.03174	1.42709	0.97	724.9	20.1	27.7
67	8.9	7.02E-02	248.52	24.6039	2.05033	1.44015	0.97	724.9	20.1	27.7
67	8.9	7.02E-02	248.52	24.6039	2.05033	1.44015	0.97	724.9	20.1	27.7
63	8.37	4.84E-02	247.72	14.9703	1.24753	0.87626	0.97	724.9	20.1	27.7
63	8.37	4.99E-02	247.7	15.4294	1.28578	0.90313	0.97	724.9	20.1	27.7
63	8.37	4.99E-02	247.7	15.4294	1.28578	0.90313	0.97	724.9	20.1	27.7
63	8.37	4.93E-02	247.72	15.2362	1.26968	0.89182	0.97	724.9	20.1	27.7
63	8.37	5.02E-02	247.81	15.5315	1.29429	0.90911	0.97	724.9	20.1	27.7
59	7.84	3.33E-02	247.76	9.0186	0.75155	0.52789	0.97	724.9	20.1	27.8
59	7.84	3.40E-02	247.17	9.189	0.76575	0.53766	0.97	724.9	20.1	27.8
59	7.84	3.47E-02	247.18	9.3927	0.78272	0.54978	0.97	724.9	20.1	27.8
59	7.84	3.60E-02	247.16	9.7317	0.81098	0.56963	0.97	724.9	20.1	27.8
59	7.84	3.60E-02	247.16	9.7317	0.81098	0.56963	0.97	724.9	20.1	27.8

TABLA N° ANEXO C.53: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 2. Configuración doble. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
64.6	18.9	719.5	0.97	160	21.26	2.88	0.7957

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{80}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110	14.61	9.27E-05	239.59	0.0845	0.00704	0.00494	0.96	717.8	21.2	48
110	14.61	9.27E-05	239.59	0.0845	0.00704	0.00494	0.96	717.8	21.2	48
110	14.61	9.27E-05	239.59	0.0845	0.00704	0.00494	0.96	717.8	21.2	48
110	14.61	8.95E-05	239.59	0.0816	0.0068	0.00478	0.96	717.8	21.2	48
110	14.61	8.95E-05	239.59	0.0816	0.0068	0.00478	0.96	717.8	21.2	48
106	14.08	8.95E-05	239.58	0.0758	0.00631	0.00444	0.96	717.8	21.2	48
106	14.08	9.11E-05	239.58	0.0771	0.00643	0.00451	0.96	717.8	21.2	48
106	14.08	9.11E-05	239.58	0.0771	0.00643	0.00451	0.96	717.8	21.2	48
106	14.08	8.95E-05	239.58	0.0758	0.00631	0.00444	0.96	717.8	21.2	48
106	14.08	8.95E-05	239.58	0.0758	0.00631	0.00444	0.96	717.8	21.2	48
102	13.55	8.95E-05	239.58	0.0702	0.00585	0.00411	0.96	717.8	21.2	48.5
102	13.55	8.95E-05	239.58	0.0702	0.00585	0.00411	0.96	717.8	21.2	48.5
102	13.55	8.95E-05	239.58	0.0702	0.00585	0.00411	0.96	717.8	21.2	48.5
102	13.55	8.33E-05	239.58	0.0652	0.00544	0.00382	0.96	717.8	21.2	48.5
102	13.55	8.33E-05	239.58	0.0652	0.00544	0.00382	0.96	717.8	21.2	48.5
98	13.02	8.17E-05	239.58	0.0591	0.00492	0.00346	0.96	717.8	21.3	47.5
98	13.02	8.17E-05	239.58	0.0591	0.00492	0.00346	0.96	717.8	21.3	47.5
98	13.02	8.17E-05	239.58	0.0591	0.00492	0.00346	0.96	717.8	21.3	47.5
98	13.02	8.64E-05	239.58	0.0625	0.00521	0.00366	0.96	717.8	21.3	47.5
98	13.02	8.17E-05	239.58	0.0591	0.00492	0.00346	0.96	717.8	21.3	47.5
94.5	12.56	8.17E-05	239.58	0.0549	0.00458	0.00322	0.96	717.8	21.5	47.9
94.5	12.56	8.17E-05	239.58	0.0549	0.00458	0.00322	0.96	717.8	21.5	47.9
94.5	12.58	8.17E-05	239.58	0.0549	0.00458	0.00322	0.96	717.8	21.5	47.9
94.5	12.56	7.85E-05	239.58	0.0528	0.0044	0.00309	0.96	717.8	21.5	47.9
94.5	12.56	7.85E-05	239.58	0.0528	0.0044	0.00309	0.96	717.8	21.5	47.9
90.5	12.02	7.85E-05	239.58	0.0484	0.00404	0.00284	0.96	717.8	21.5	47.2
90.5	12.02	7.85E-05	239.58	0.0484	0.00404	0.00284	0.96	717.8	21.5	47.2
90.5	12.02	7.60E-05	239.58	0.0469	0.00391	0.00275	0.96	717.8	21.5	47.2
90.5	12.02	8.01E-05	239.58	0.0494	0.00412	0.00289	0.96	717.8	21.5	47.2
90.5	12.02	8.01E-05	239.58	0.0494	0.00412	0.00289	0.96	717.8	21.5	47.2
86.5	11.49	8.01E-05	239.58	0.0451	0.00376	0.00264	0.96	717.8	21.5	47.3
86.5	11.49	6.91E-05	239.58	0.0389	0.00325	0.00228	0.96	717.8	21.5	47.3
86.5	11.49	6.91E-05	239.58	0.0389	0.00325	0.00228	0.96	717.8	21.5	47.3
86.5	11.49	7.38E-05	239.58	0.0416	0.00347	0.00244	0.96	717.8	21.5	47.3
86.5	11.49	6.60E-05	239.58	0.0372	0.0031	0.00218	0.96	717.8	21.5	47.2
82.5	10.96	6.28E-05	239.58	0.0322	0.00268	0.00189	0.96	717.8	21.5	47.2
82.5	10.96	6.28E-05	239.58	0.0322	0.00268	0.00189	0.96	717.8	21.5	47.2
82.5	10.96	6.13E-05	239.58	0.0314	0.00262	0.00184	0.96	717.8	21.5	47.2
82.5	10.96	6.13E-05	239.58	0.0314	0.00262	0.00184	0.96	717.8	21.5	47.2
82.5	10.96	5.97E-05	239.58	0.0306	0.00255	0.00179	0.96	717.8	21.5	47.2
78.5	10.43	5.81E-05	239.58	0.027	0.00225	0.00158	0.96	717.8	21.5	46.2
78.5	10.43	5.81E-05	239.58	0.027	0.00225	0.00158	0.96	717.8	21.5	46.2
78.5	10.43	5.81E-05	239.58	0.027	0.00225	0.00158	0.96	717.8	21.5	46.2
78.5	10.43	6.13E-05	239.58	0.0284	0.00237	0.00166	0.96	717.8	21.5	46.2
78.5	10.43	6.13E-05	239.58	0.0284	0.00237	0.00166	0.96	717.8	21.5	46.2
78.5	10.43	5.65E-05	239.58	0.0262	0.00219	0.00154	0.96	717.8	21.5	45.5
78.5	10.43	5.65E-05	239.58	0.0262	0.00219	0.00154	0.96	717.8	21.5	45.5
78.5	10.43	6.13E-05	239.58	0.0284	0.00237	0.00166	0.96	717.8	21.5	45.5
78.5	10.43	6.13E-05	239.58	0.0284	0.00237	0.00166	0.96	717.8	21.5	45.5
78.5	10.43	6.13E-05	239.58	0.0284	0.00237	0.00166	0.96	717.8	21.5	45.5
78.5	10.43	5.81E-05	239.58	0.027	0.00225	0.00158	0.96	717.8	21.5	44.7
78.5	10.43	5.81E-05	239.58	0.027	0.00225	0.00158	0.96	717.8	21.5	44.7
78.5	10.43	5.97E-05	239.58	0.0277	0.00231	0.00162	0.96	717.8	21.5	44.7
78.5	10.43	5.97E-05	239.58	0.0277	0.00231	0.00162	0.96	717.8	21.5	44.7
78.5	10.43	6.13E-05	239.58	0.0284	0.00237	0.00166	0.96	717.8	21.5	44.7
78.5	10.43	6.13E-05	239.58	0.0284	0.00237	0.00166	0.96	717.8	21.5	45.6
78.5	10.43	5.50E-05	239.58	0.0255	0.00213	0.00149	0.96	717.8	21.5	45.6
78.5	10.43	5.50E-05	239.58	0.0255	0.00213	0.00149	0.96	717.8	21.5	45.6
78.5	10.43	5.81E-05	239.57	0.027	0.00225	0.00158	0.96	717.8	21.5	45.6
78.5	10.43	5.81E-05	239.57	0.027	0.00225	0.00158	0.96	717.8	21.5	45.6
78.5	10.43	5.97E-05	239.57	0.0277	0.00231	0.00162	0.96	717.8	21.5	45.6
78.5	10.43	5.81E-05	239.57	0.027	0.00225	0.00158	0.96	717.8	21.5	45.6
78.5	10.43	5.34E-05	239.58	0.0248	0.00207	0.00145	0.96	717.8	21.5	45.6
78.5	10.43	5.97E-05	239.58	0.0277	0.00231	0.00162	0.96	717.8	21.5	45.6
78.5	10.43	5.97E-05	239.58	0.0277	0.00231	0.00162	0.96	717.8	21.5	45.6
78.5	10.43	5.50E-05	239.58	0.0255	0.00213	0.00149	0.96	717.8	21.5	46.8
78.5	10.43	5.81E-05	239.58	0.027	0.00225	0.00158	0.96	717.8	21.5	46.8
78.5	10.43	5.81E-05	239.58	0.027	0.00225	0.00158	0.96	717.8	21.5	46.8
78.5	10.43	6.13E-05	239.58	0.0284	0.00237	0.00166	0.96	717.8	21.5	46.8
78.5	10.43	5.81E-05	239.58	0.027	0.00225	0.00158	0.96	717.8	21.5	46.8
74.5	9.9	5.81E-05	239.58	0.0243	0.00202	0.00142	0.96	717.8	21.3	45.2
74.5	9.9	5.81E-05	239.58	0.0243	0.00202	0.00142	0.96	717.8	21.3	45.2
74.5	9.9	5.81E-05	239.57	0.0243	0.00202	0.00142	0.96	717.8	21.3	45.2
74.5	9.9	5.34E-05	239.57	0.0223	0.00186	0.00131	0.96	717.8	21.3	45.2
74.5	9.9	5.34E-05	239.57	0.0223	0.00186	0.00131	0.96	717.8	21.3	45.2
70.5	9.37	5.18E-05	239.57	0.0194	0.00162	0.00114	0.96	717.8	21.4	45.3
70.5	9.37	5.18E-05	239.57	0.0194	0.00162	0.00114	0.96	717.8	21.4	45.3
70.5	9.37	5.18E-05	239.57	0.0194	0.00162	0.00114	0.96	717.8	21.4	45.3
70.5	9.37	5.34E-05	239.57	0.02	0.00167	0.00117	0.96	717.8	21.4	45.3
70.5	9.37	5.34E-05	239.57	0.02	0.00167	0.00117	0.96	717.8	21.4	45.3

TABLA N° ANEXO C.54: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
33	20.6	718.9	0.96	124.2	16.5	2.88	0.6213

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	1.26E-04	240.76	0.0913	0.00761	0.00535	0.95	718	22.3	34.6
98	13.02	1.26E-04	240.76	0.0913	0.00761	0.00535	0.95	718	22.3	34.6
98	13.02	1.26E-04	240.76	0.0913	0.00761	0.00535	0.95	718	22.3	34.6
98	13.02	1.26E-04	240.76	0.0913	0.00761	0.00535	0.95	718	22.3	34.6
98	13.02	1.26E-04	240.76	0.0913	0.00761	0.00535	0.95	718	22.3	34.6
94.5	12.56	1.16E-04	240.75	0.0786	0.00655	0.0046	0.95	718	22.5	33.3
94.5	12.56	1.26E-04	240.75	0.0849	0.00708	0.00497	0.95	718	22.5	33.3
94.5	12.56	1.26E-04	240.75	0.0849	0.00708	0.00497	0.95	718	22.5	33.3
94.5	12.56	1.29E-04	240.75	0.0871	0.00725	0.0051	0.95	718	22.5	33.3
94.5	12.56	1.29E-04	240.75	0.0871	0.00725	0.0051	0.95	718	22.5	33.3
90.5	12.02	1.29E-04	240.75	0.0798	0.00665	0.00467	0.95	718	22.6	33.3
90.5	12.02	1.18E-04	240.75	0.073	0.00609	0.00427	0.95	718	22.6	33.3
90.5	12.02	1.18E-04	240.75	0.073	0.00609	0.00427	0.95	718	22.6	33.3
90.5	12.02	1.23E-04	246.39	0.0777	0.00648	0.00455	0.95	718	22.6	33.3
90.5	12.02	1.23E-04	246.39	0.0777	0.00648	0.00455	0.95	718	22.6	33.3
86.5	11.49	1.23E-04	246.39	0.071	0.00592	0.00416	0.95	718	22.5	33.3
86.5	11.49	1.23E-04	246.39	0.071	0.00592	0.00416	0.95	718	22.5	33.3
86.5	11.49	1.23E-04	246.39	0.071	0.00592	0.00416	0.95	718	22.5	33.3
86.5	11.49	1.30E-04	240.74	0.0738	0.00615	0.00432	0.95	718	22.5	33.3
86.5	11.49	1.30E-04	240.74	0.0738	0.00615	0.00432	0.95	718	22.5	33.3
82.5	10.96	1.13E-04	240.74	0.0583	0.00485	0.00341	0.95	718	22.6	33.2
82.5	10.96	1.32E-04	240.74	0.068	0.00566	0.00398	0.95	718	22.6	33.2
82.5	10.96	1.32E-04	240.74	0.068	0.00566	0.00398	0.95	718	22.6	33.2
82.5	10.96	1.19E-04	240.74	0.0615	0.00512	0.0036	0.95	718	22.6	33.2
82.5	10.96	1.19E-04	240.74	0.0615	0.00512	0.0036	0.95	718	22.6	33.2
78.5	10.43	1.19E-04	240.74	0.0557	0.00464	0.00326	0.95	718	22.5	32.7
78.5	10.43	1.19E-04	240.74	0.0557	0.00464	0.00326	0.95	718	22.5	32.7
78.5	10.43	1.19E-04	240.74	0.0557	0.00464	0.00326	0.95	718	22.5	32.7
78.5	10.43	1.19E-04	240.74	0.0557	0.00464	0.00326	0.95	718	22.5	32.7
78.5	10.43	1.19E-04	240.74	0.0557	0.00464	0.00326	0.95	718	22.5	32.7
78.5	10.43	1.16E-04	240.74	0.0542	0.00452	0.00317	0.95	718	22.5	32.7
78.5	10.43	1.16E-04	240.74	0.0542	0.00452	0.00317	0.95	718	22.5	32.7
78.5	10.43	1.16E-04	240.74	0.0542	0.00452	0.00317	0.95	718	22.5	32.7
78.5	10.43	1.16E-04	240.74	0.0542	0.00452	0.00317	0.95	718	22.5	32.7
78.5	10.43	1.16E-04	240.74	0.0542	0.00452	0.00317	0.95	718	22.5	32.7
78.5	10.43	1.16E-04	240.74	0.0542	0.00452	0.00317	0.95	718	22.5	32.6
78.5	10.43	1.15E-04	240.74	0.0535	0.00446	0.00313	0.95	718	22.5	32.6
78.5	10.43	1.21E-04	240.74	0.0564	0.0047	0.0033	0.95	718	22.5	32.6
78.5	10.43	1.21E-04	240.74	0.0564	0.0047	0.0033	0.95	718	22.5	32.6
78.5	10.43	1.32E-04	240.74	0.0615	0.00513	0.0036	0.95	718	22.5	32.6
78.5	10.43	1.24E-04	240.74	0.0579	0.00482	0.00339	0.95	718	23	31.7
78.5	10.43	1.24E-04	240.74	0.0579	0.00482	0.00339	0.95	718	23	31.7
78.5	10.43	1.21E-04	240.73	0.0564	0.0047	0.0033	0.95	718	23	31.7
78.5	10.43	1.21E-04	240.73	0.0564	0.0047	0.0033	0.95	718	23	31.7
78.5	10.43	1.21E-04	240.73	0.0564	0.0047	0.0033	0.95	718	23	31.7
78.5	10.43	1.27E-04	240.56	0.0593	0.00494	0.00347	0.95	718	22.9	32
78.5	10.43	1.21E-04	240.74	0.0564	0.0047	0.0033	0.95	718	22.9	32
78.5	10.43	1.21E-04	240.74	0.0564	0.0047	0.0033	0.95	718	22.9	32
78.5	10.43	1.21E-04	240.74	0.0564	0.0047	0.0033	0.95	718	22.9	32
78.5	10.43	1.24E-04	240.73	0.0579	0.00482	0.00339	0.95	718	22.9	32
78.5	10.43	1.24E-04	240.73	0.0579	0.00482	0.00339	0.95	718	22.9	32.1
78.5	10.43	1.24E-04	240.73	0.0579	0.00482	0.00339	0.95	718	22.9	32.1
78.5	10.43	1.27E-04	240.73	0.0593	0.00494	0.00347	0.95	718	22.9	32.1
78.5	10.43	1.21E-04	240.73	0.0564	0.0047	0.0033	0.95	718	22.9	32.1
78.5	10.43	1.21E-04	240.73	0.0564	0.0047	0.0033	0.95	718	22.9	32.1
74.5	9.9	1.13E-04	240.73	0.0475	0.00396	0.00278	0.95	718	22.7	32.1
74.5	9.9	1.13E-04	240.73	0.0475	0.00396	0.00278	0.95	718	22.7	32.1
74.5	9.9	1.13E-04	240.73	0.0475	0.00396	0.00278	0.95	718	22.7	32.1
74.5	9.9	1.15E-04	240.74	0.0482	0.00401	0.00282	0.95	718	22.7	32.1
74.5	9.9	1.15E-04	240.74	0.0482	0.00401	0.00282	0.95	718	22.7	32.1
70.5	9.37	1.16E-04	240.73	0.0437	0.00364	0.00256	0.95	718	23	31.6
70.5	9.37	1.16E-04	240.73	0.0437	0.00364	0.00256	0.95	718	23	31.6
70.5	9.37	1.16E-04	240.73	0.0437	0.00364	0.00256	0.95	718	23	31.6
70.5	9.37	1.16E-04	240.73	0.0437	0.00364	0.00256	0.95	718	23	31.6
70.5	9.37	1.16E-04	240.73	0.0437	0.00364	0.00256	0.95	718	23	31.6
67	8.9	1.19E-04	239.63	0.0404	0.00336	0.00236	0.95	718	23	30.9
67	8.9	1.19E-04	239.63	0.0404	0.00336	0.00236	0.95	718	23	30.9
67	8.9	1.19E-04	239.63	0.0404	0.00336	0.00236	0.95	718	23	30.9
67	8.9	1.08E-04	240.73	0.0368	0.00307	0.00216	0.95	718	23	30.9
67	8.9	1.08E-04	240.73	0.0368	0.00307	0.00216	0.95	718	23	30.9
63	8.37	1.15E-04	240.73	0.0344	0.00287	0.00202	0.95	718	23	30.5
63	8.37	1.15E-04	240.73	0.0344	0.00287	0.00202	0.95	718	23	30.5
63	8.37	1.15E-04	240.73	0.0344	0.00287	0.00202	0.95	718	23	30.5
63	8.37	1.13E-04	240.73	0.034	0.00283	0.00199	0.95	718	23	30.5
63	8.37	1.13E-04	240.73	0.034	0.00283	0.00199	0.95	718	23	30.5
59	7.84	1.07E-04	240.73	0.0281	0.00234	0.00165	0.95	718	23	30.9
59	7.84	1.07E-04	240.73	0.0281	0.00234	0.00165	0.95	718	23	30.9
59	7.84	1.13E-04	240.73	0.0298	0.00248	0.00174	0.95	718	23	30.9
59	7.84	1.13E-04	240.73	0.0298	0.00248	0.00174	0.95	718	23	30.9
59	7.84	1.13E-04	240.73	0.0298	0.00248	0.00174	0.95	718	23	30.9

TABLA N° ANEXO C.55: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.7	21.2	714.8	0.95	81.25	10.8	2.88	0.4093

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	6.39E-03	249.53	4.8141	0.40117	0.28178	0.94	713.2	23.3	23.3
98	13.02	6.38E-03	249.53	4.8046	0.40038	0.28123	0.94	713.2	23.3	23.3
98	13.02	6.64E-03	249.53	4.9986	0.41655	0.29259	0.94	713.2	23.3	23.3
98	13.02	6.75E-03	249.54	5.0888	0.42407	0.29786	0.94	713.2	23.3	23.3
98	13.02	6.80E-03	249.54	5.1243	0.42703	0.29994	0.94	713.2	23.3	23.3
94.5	12.56	4.54E-03	249.52	3.18	0.265	0.18614	0.94	713.2	23.5	23.2
94.5	12.56	4.64E-03	249.52	3.2526	0.27105	0.19038	0.94	713.2	23.5	23.2
94.5	12.56	4.64E-03	249.52	3.2526	0.27105	0.19038	0.94	713.2	23.5	23.2
94.5	12.56	4.64E-03	249.52	3.2526	0.27105	0.19038	0.94	713.2	23.5	23.2
94.5	12.56	4.53E-03	249.52	3.1734	0.26445	0.18575	0.94	713.2	23.6	23.4
90.5	12.02	2.86E-03	249.5	1.8345	0.15288	0.10738	0.94	713.2	23.6	23.4
90.5	12.02	2.78E-03	249.49	1.784	0.14867	0.10442	0.94	713.2	23.6	23.4
90.5	12.02	3.16E-03	249.5	2.0283	0.16902	0.11872	0.94	713.2	23.6	23.4
90.5	12.02	3.15E-03	249.5	2.0262	0.16885	0.1186	0.94	713.2	23.6	23.4
90.5	12.02	3.25E-03	249.5	2.0888	0.17407	0.12226	0.94	713.2	23.6	23.4
86.5	11.49	1.79E-03	249.49	1.049	0.08742	0.0614	0.94	713.2	23.6	23
86.5	11.49	1.82E-03	249.49	1.0656	0.0888	0.06237	0.94	713.2	23.6	23
86.5	11.49	1.87E-03	249.49	1.0988	0.09157	0.06432	0.94	713.2	23.6	23
86.5	11.49	1.88E-03	249.49	1.1007	0.09172	0.06442	0.94	713.2	23.6	23
86.5	11.49	1.78E-03	249.49	1.0435	0.08696	0.06108	0.94	713.2	23.6	23
82.5	10.96	1.03E-03	249.49	0.5518	0.04598	0.0323	0.94	713.2	23.5	23
82.5	10.96	1.00E-03	249.49	0.535	0.04458	0.03131	0.94	713.2	23.5	23
82.5	10.96	1.00E-03	249.49	0.535	0.04458	0.03131	0.94	713.2	23.5	23
82.5	10.96	9.86E-04	249.49	0.5266	0.04388	0.03082	0.94	713.2	23.5	23
82.5	10.96	8.95E-04	249.49	0.478	0.03983	0.02798	0.94	713.2	23.5	23
78.5	10.43	6.00E-04	249.49	0.29	0.02417	0.01698	0.94	713.2	23.5	23.2
78.5	10.43	6.09E-04	249.49	0.2946	0.02455	0.01724	0.94	713.2	23.5	23.2
78.5	10.43	6.79E-04	249.49	0.328	0.02733	0.0192	0.94	713.2	23.5	23.2
78.5	10.43	6.79E-04	249.49	0.328	0.02733	0.0192	0.94	713.2	23.5	23.2
78.5	10.43	6.79E-04	249.49	0.328	0.02733	0.0192	0.94	713.2	23.5	23.2
78.5	10.43	6.66E-04	249.49	0.3219	0.02682	0.01884	0.94	713.2	23.6	23.4
78.5	10.43	6.35E-04	249.49	0.3067	0.02556	0.01795	0.94	713.2	23.6	23.4
78.5	10.43	6.50E-04	249.49	0.3143	0.02619	0.0184	0.94	713.2	23.6	23.4
78.5	10.43	6.50E-04	249.49	0.3143	0.02619	0.0184	0.94	713.2	23.6	23.4
78.5	10.43	6.09E-04	249.49	0.2946	0.02455	0.01724	0.94	713.2	23.6	23.4
78.5	10.43	5.84E-04	249.49	0.2824	0.02353	0.01653	0.94	713.2	23.5	23.1
78.5	10.43	5.97E-04	249.49	0.2885	0.02404	0.01689	0.94	713.2	23.5	23.1
78.5	10.43	5.97E-04	249.49	0.2885	0.02404	0.01689	0.94	713.2	23.5	23.1
78.5	10.43	5.87E-04	249.48	0.2839	0.02366	0.01662	0.94	713.2	23.5	23.1
78.5	10.43	5.87E-04	249.48	0.2839	0.02366	0.01662	0.94	713.2	23.5	23.1
78.5	10.43	5.87E-04	249.48	0.2839	0.02366	0.01662	0.94	713.2	23.5	23.1
78.5	10.43	8.11E-04	249.49	0.3917	0.03265	0.02293	0.94	713.2	23.5	23.1
78.5	10.43	7.79E-04	249.49	0.3766	0.03138	0.02204	0.94	713.2	23.5	23.1
78.5	10.43	7.98E-04	249.49	0.3857	0.03214	0.02257	0.94	713.2	23.5	23.1
78.5	10.43	7.98E-04	249.49	0.3857	0.03214	0.02257	0.94	713.2	23.5	23.1
78.5	10.43	8.17E-04	249.49	0.3948	0.0329	0.02311	0.94	713.2	23.5	23.4
78.5	10.43	8.01E-04	249.49	0.3872	0.03227	0.02266	0.94	713.2	23.5	23.4
78.5	10.43	7.70E-04	249.49	0.372	0.031	0.02177	0.94	713.2	23.5	23.4
78.5	10.43	7.92E-04	249.49	0.3826	0.03189	0.0224	0.94	713.2	23.5	23.4
78.5	10.43	7.92E-04	249.49	0.3826	0.03189	0.0224	0.94	713.2	23.5	23.4
78.5	10.43	7.70E-04	249.49	0.372	0.031	0.02177	0.94	713.2	23.5	23.4
78.5	10.43	7.32E-04	249.48	0.3538	0.02948	0.02071	0.94	713.2	23.5	23.4
78.5	10.43	7.41E-04	249.49	0.3583	0.02986	0.02097	0.94	713.2	23.5	23.4
78.5	10.43	7.16E-04	249.48	0.3462	0.02885	0.02026	0.94	713.2	23.5	23.4
78.5	10.43	7.35E-04	249.48	0.3553	0.02961	0.0208	0.94	713.2	23.5	23.4
74.5	9.9	5.28E-04	249.48	0.2297	0.01915	0.01345	0.94	713.2	23.5	23.3
74.5	9.9	5.28E-04	249.48	0.2297	0.01915	0.01345	0.94	713.2	23.5	23.3
74.5	9.9	5.37E-04	249.48	0.2338	0.01949	0.01369	0.94	713.2	23.5	23.3
74.5	9.9	5.37E-04	249.48	0.2338	0.01949	0.01369	0.94	713.2	23.5	23.3
74.5	9.9	5.15E-04	249.48	0.2243	0.01869	0.01313	0.94	713.2	23.5	23.3
70.5	9.37	4.52E-04	249.48	0.1763	0.0147	0.01032	0.94	713.2	23.6	22.9
70.5	9.37	4.52E-04	249.48	0.1763	0.0147	0.01032	0.94	713.2	23.6	22.9
70.5	9.37	4.52E-04	249.48	0.1763	0.0147	0.01032	0.94	713.2	23.6	22.9
70.5	9.37	4.62E-04	249.48	0.18	0.015	0.01054	0.94	713.2	23.6	22.9
70.5	9.37	4.62E-04	249.48	0.18	0.015	0.01054	0.94	713.2	23.6	22.9
67	8.9	3.96E-04	249.48	0.1394	0.01161	0.00816	0.94	713.2	23.6	23.1
67	8.9	3.96E-04	249.48	0.1394	0.01161	0.00816	0.94	713.2	23.6	23.1
67	8.9	3.90E-04	249.48	0.1371	0.01143	0.00803	0.94	713.2	23.6	23.1
67	8.9	4.62E-04	249.48	0.1626	0.01355	0.00952	0.94	713.2	23.6	23.1
67	8.9	4.90E-04	249.48	0.1725	0.01438	0.0101	0.94	713.2	23.6	23.1
63	8.37	3.64E-04	249.47	0.1134	0.00945	0.00664	0.94	713.2	23.6	22.9
63	8.37	3.64E-04	249.47	0.1134	0.00945	0.00664	0.94	713.2	23.6	22.9
63	8.37	3.83E-04	249.47	0.1193	0.00994	0.00698	0.94	713.2	23.6	22.9
63	8.37	3.96E-04	249.47	0.1232	0.01027	0.00721	0.94	713.2	23.6	22.9
63	8.37	3.74E-04	249.47	0.1164	0.0097	0.00681	0.94	713.2	23.6	22.9
59	7.84	3.77E-04	249.47	0.1029	0.00858	0.00602	0.94	713.2	23.6	23
59	7.84	3.64E-04	249.47	0.0995	0.00829	0.00582	0.94	713.2	23.6	23
59	7.84	3.64E-04	249.47	0.0995	0.00829	0.00582	0.94	713.2	23.6	23
59	7.84	3.64E-04	249.47	0.0995	0.00829	0.00582	0.94	713.2	23.6	23
59	7.84	3.64E-04	249.47	0.0995	0.00829	0.00582	0.94	713.2	23.6	23

TABLA N° ANEXO C.56: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 2. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
24.9	21.9	717	0.95	40.95	5.44	2.88	0.2062

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	3.42E-01	275.08	284.1428	23.67856	16.63178	0.95	716.9	21.8	23.5
98	13.02	3.40E-01	274.99	282.4899	23.54083	16.53503	0.95	716.9	21.8	23.5
98	13.02	3.40E-01	274.99	282.4899	23.54083	16.53503	0.95	716.9	21.8	23.5
98	13.02	3.42E-01	275.13	284.1947	23.68289	16.63482	0.95	716.9	21.8	23.5
98	13.02	3.43E-01	275.25	285.3631	23.78026	16.70321	0.95	716.9	21.8	23.5
94.5	12.56	3.21E-01	271.83	244.7887	20.39905	14.32826	0.95	716.9	21.8	23.7
94.5	12.56	3.21E-01	271.83	244.7887	20.39905	14.32826	0.95	716.9	21.8	23.7
94.5	12.56	3.21E-01	271.73	244.6961	20.39134	14.32284	0.95	716.9	21.8	23.7
94.5	12.56	3.16E-01	271.3	240.7416	20.0618	14.09137	0.95	716.9	21.8	23.7
94.5	12.56	3.16E-01	271.3	240.7416	20.0618	14.09137	0.95	716.9	21.8	23.7
90.5	12.02	2.87E-01	267.28	197.8294	16.48579	11.57959	0.95	716.9	21.8	24.3
90.5	12.02	2.80E-01	266.5	192.0796	16.00663	11.24303	0.95	716.9	21.8	24.3
90.5	12.02	2.79E-01	266.59	191.7109	15.97591	11.22145	0.95	716.9	21.8	24.3
90.5	12.02	2.79E-01	266.59	191.7109	15.97591	11.22145	0.95	716.9	21.8	24.3
90.5	12.02	2.82E-01	266.97	193.7132	16.14277	11.33865	0.95	716.9	21.8	24.3
86.5	11.49	2.49E-01	263	153.7342	12.81118	8.99855	0.95	716.9	21.6	24.9
86.5	11.49	2.45E-01	262.68	151.6099	12.63416	8.87421	0.95	716.9	21.6	24.9
86.5	11.49	2.46E-01	262.61	151.9538	12.66282	8.89434	0.95	716.9	21.6	24.9
86.5	11.49	2.46E-01	262.61	151.9538	12.66282	8.89434	0.95	716.9	21.6	24.9
86.5	11.49	2.45E-01	262.41	151.0653	12.58878	8.84233	0.95	716.9	21.6	24.9
82.5	10.96	2.11E-01	259.1	116.8518	9.73765	6.83971	0.95	716.9	21.5	24.9
82.5	10.96	2.17E-01	259.45	120.4235	10.03529	7.04877	0.95	716.9	21.5	24.9
82.5	10.96	2.17E-01	259.45	120.4235	10.03529	7.04877	0.95	716.9	21.5	24.9
82.5	10.96	2.17E-01	259.45	120.4235	10.03529	7.04877	0.95	716.9	21.5	24.9
82.5	10.96	2.19E-01	259.71	121.9415	10.16179	7.13762	0.95	716.9	21.5	24.9
78.5	10.43	1.75E-01	255.85	86.6536	7.22114	5.07211	0.95	716.9	21.4	25.3
78.5	10.43	1.75E-01	255.85	86.6536	7.22114	5.07211	0.95	716.9	21.4	25.3
78.5	10.43	1.79E-01	256.21	88.646	7.38716	5.18873	0.95	716.9	21.4	25.3
78.5	10.43	1.75E-01	255.9	86.6689	7.22241	5.07301	0.95	716.9	21.4	25.3
78.5	10.43	1.78E-01	255.95	88.2422	7.35352	5.1651	0.95	716.9	21.4	25.3
78.5	10.43	1.77E-01	256.06	87.657	7.30475	5.13085	0.95	716.9	21.4	25.4
78.5	10.43	1.78E-01	255.95	88.2422	7.35352	5.1651	0.95	716.9	21.4	25.4
78.5	10.43	1.79E-01	256.22	88.9612	7.41343	5.20718	0.95	716.9	21.4	25.4
78.5	10.43	1.80E-01	256.23	89.5885	7.46571	5.2439	0.95	716.9	21.4	25.4
78.5	10.43	1.79E-01	256.08	88.5995	7.38329	5.18601	0.95	716.9	21.4	25.4
78.5	10.43	1.78E-01	256.09	88.5351	7.37793	5.18224	0.96	716.9	21.3	25.7
78.5	10.43	1.75E-01	255.77	86.6045	7.21704	5.06924	0.96	716.9	21.3	25.7
78.5	10.43	1.75E-01	255.77	86.6045	7.21704	5.06924	0.96	716.9	21.3	25.7
78.5	10.43	1.75E-01	255.77	86.6045	7.21704	5.06924	0.96	716.9	21.3	25.7
78.5	10.43	1.75E-01	255.77	86.6045	7.21704	5.06924	0.96	716.9	21.3	25.7
78.5	10.43	1.75E-01	255.79	86.4859	7.20716	5.06229	0.96	716.9	21.1	26
78.5	10.43	1.75E-01	255.79	86.4859	7.20716	5.06229	0.96	716.9	21.1	26
78.5	10.43	1.73E-01	255.59	85.7067	7.14222	5.01669	0.96	716.9	21.1	26
78.5	10.43	1.81E-01	256.22	89.6583	7.47153	5.24799	0.96	716.9	21.1	26
78.5	10.43	1.77E-01	255.84	87.6585	7.30487	5.13093	0.96	716.9	21.1	26
78.5	10.43	1.76E-01	255.9	87.3658	7.28049	5.1138	0.96	716.9	21	26.6
78.5	10.43	1.76E-01	255.9	87.3658	7.28049	5.1138	0.96	716.9	21	26.6
78.5	10.43	1.76E-01	255.9	87.3658	7.28049	5.1138	0.96	716.9	21	26.6
78.5	10.43	1.77E-01	255.84	87.6585	7.30487	5.13093	0.96	716.9	21	26.6
78.5	10.43	1.79E-01	256	88.6465	7.3872	5.18876	0.96	716.9	21	26.6
78.5	10.43	1.77E-01	255.84	87.6585	7.30487	5.13093	0.96	716.9	20.8	26.8
78.5	10.43	1.77E-01	255.84	87.6585	7.30487	5.13093	0.96	716.9	20.8	26.8
78.5	10.43	1.79E-01	255.94	88.9387	7.41156	5.20586	0.96	716.9	20.8	26.8
78.5	10.43	1.77E-01	255.79	87.9509	7.32924	5.14804	0.96	716.9	20.8	26.8
78.5	10.43	1.77E-01	255.79	87.9509	7.32924	5.14804	0.96	716.9	20.8	26.8
74.5	9.9	1.41E-01	253.29	62.3494	5.19578	3.64951	0.96	716.9	20.8	27.1
74.5	9.9	1.41E-01	253.34	62.3627	5.19689	3.65028	0.96	716.9	20.8	27.1
74.5	9.9	1.39E-01	253.27	61.5119	5.12599	3.60049	0.96	716.9	20.8	27.1
74.5	9.9	1.37E-01	253.09	60.6355	5.05296	3.54919	0.96	716.9	20.8	27.1
74.5	9.9	1.37E-01	253.09	60.6355	5.05296	3.54919	0.96	716.9	20.8	27.1
70.5	9.37	1.04E-01	251.1	40.9905	3.41587	2.3993	0.96	716.9	20.6	27.3
70.5	9.37	1.16E-01	251.73	45.5416	3.79514	2.6657	0.96	716.9	20.6	27.3
70.5	9.37	1.16E-01	251.73	45.5416	3.79514	2.6657	0.96	716.9	20.6	27.3
70.5	9.37	1.14E-01	251.61	44.7783	3.73153	2.62102	0.96	716.9	20.6	27.3
70.5	9.37	1.14E-01	251.61	44.7783	3.73153	2.62102	0.96	716.9	20.6	27.3
67	8.9	8.32E-02	250.02	29.3492	2.44577	1.7179	0.96	716.9	20.4	27.6
67	8.9	8.32E-02	250.02	29.3492	2.44577	1.7179	0.96	716.9	20.4	27.6
67	8.9	8.32E-02	250.02	29.3492	2.44577	1.7179	0.96	716.9	20.4	27.6
67	8.9	8.26E-02	250.01	29.1265	2.42721	1.70487	0.96	716.9	20.4	27.6
67	8.9	8.26E-02	250.01	29.1265	2.42721	1.70487	0.96	716.9	20.4	27.6
63	8.37	5.78E-02	248.87	17.9403	1.49502	1.0501	0.96	716.9	20.4	28
63	8.37	5.71E-02	248.89	17.7464	1.47887	1.03876	0.96	716.9	20.4	28
63	8.37	5.71E-02	248.82	17.7416	1.47847	1.03847	0.96	716.9	20.4	28
63	8.37	5.71E-02	248.82	17.7416	1.47847	1.03847	0.96	716.9	20.4	28
63	8.37	5.65E-02	248.78	17.5437	1.46197	1.02689	0.96	716.9	20.4	28
59	7.84	4.06E-02	248.27	11.0325	0.91938	0.64577	0.96	716.9	20.4	28.2
59	7.84	4.06E-02	248.27	11.0325	0.91938	0.64577	0.96	716.9	20.4	28.2
59	7.84	4.05E-02	248.3	11.0059	0.91716	0.64421	0.96	716.9	20.4	28.2
59	7.84	4.11E-02	248.29	11.1761	0.93134	0.65417	0.96	716.9	20.4	28.2
59	7.84	3.99E-02	248.31	10.8357	0.90298	0.63425	0.96	716.9	20.4	28.6

TABLA N° ANEXO C.57: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 3. Configuración doble. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
51.1	19.4	718.6	0.96	164.7	21.88	2.88	0.8212

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110	14.61	9.58E-05	239.21	0.0872	0.00727	0.0051	0.95	716.4	24	42.4
110	14.61	9.42E-05	239.21	0.0858	0.00715	0.00502	0.95	716.4	24	42.4
110	14.61	9.42E-05	239.21	0.0858	0.00715	0.00502	0.95	716.4	24	42.4
110	14.61	9.42E-05	239.21	0.0858	0.00715	0.00502	0.95	716.4	24	42.4
110	14.61	9.27E-05	239.21	0.0843	0.00703	0.00494	0.95	716.4	24	42.4
106	14.08	9.11E-05	239.21	0.077	0.00642	0.00451	0.95	716.4	23.7	42.4
106	14.08	9.11E-05	239.21	0.077	0.00642	0.00451	0.95	716.4	23.7	42.4
106	14.08	9.11E-05	239.21	0.077	0.00642	0.00451	0.95	716.4	23.7	42.4
106	14.08	9.27E-05	239.21	0.0783	0.00653	0.00458	0.95	716.4	23.7	42.4
106	14.08	8.95E-05	239.21	0.0757	0.0063	0.00443	0.95	716.4	23.7	42.4
102	13.55	9.11E-05	239.21	0.0713	0.00594	0.00417	0.95	716.4	24	41.4
102	13.55	9.11E-05	239.21	0.0713	0.00594	0.00417	0.95	716.4	24	41.4
102	13.55	9.11E-05	239.21	0.0713	0.00594	0.00417	0.95	716.4	24	41.4
102	13.55	9.27E-05	239.21	0.0725	0.00604	0.00424	0.95	716.4	24	41.4
102	13.55	9.27E-05	239.21	0.0725	0.00604	0.00424	0.95	716.4	24	41.4
98	13.02	8.17E-05	239.21	0.059	0.00492	0.00345	0.95	716.4	24	41.5
98	13.02	8.33E-05	239.21	0.0601	0.00501	0.00352	0.95	716.4	24	41.5
98	13.02	8.33E-05	239.21	0.0601	0.00501	0.00352	0.95	716.4	24	41.5
98	13.02	8.33E-05	239.21	0.0601	0.00501	0.00352	0.95	716.4	24	41.5
98	13.02	8.64E-05	239.21	0.0624	0.0052	0.00365	0.95	716.4	24	41.5
94.5	12.56	8.17E-05	239.21	0.0549	0.00457	0.00321	0.95	716.4	23.8	41.6
94.5	12.56	8.17E-05	239.21	0.0549	0.00457	0.00321	0.95	716.4	23.8	41.6
94.5	12.56	8.17E-05	239.21	0.0549	0.00457	0.00321	0.95	716.4	23.8	41.6
94.5	12.56	8.33E-05	239.21	0.0559	0.00466	0.00327	0.95	716.4	23.8	41.6
94.5	12.56	8.33E-05	239.21	0.0559	0.00466	0.00327	0.95	716.4	23.8	41.6
90.5	12.02	8.17E-05	239.21	0.0503	0.00419	0.00294	0.95	716.4	23.8	43.3
90.5	12.02	8.48E-05	239.21	0.0522	0.00435	0.00306	0.95	716.4	23.8	43.3
90.5	12.02	8.48E-05	239.21	0.0522	0.00435	0.00306	0.95	716.4	23.8	43.3
90.5	12.02	7.54E-05	239.21	0.0464	0.00387	0.00272	0.95	716.4	23.8	43.3
90.5	12.02	8.33E-05	239.21	0.0513	0.00427	0.003	0.95	716.4	23.8	43.3
86.5	11.49	8.95E-05	239.21	0.0504	0.0042	0.00295	0.95	716.4	23.8	43.2
86.5	11.49	8.01E-05	239.21	0.0451	0.00376	0.00264	0.95	716.4	23.8	43.2
86.5	11.49	8.64E-05	239.21	0.0486	0.00405	0.00285	0.95	716.4	23.8	43.2
86.5	11.49	7.38E-05	239.21	0.0415	0.00346	0.00243	0.95	716.4	23.8	43.2
86.5	11.49	6.75E-05	239.21	0.038	0.00317	0.00222	0.95	716.4	23.8	43.2
82.5	10.96	6.60E-05	239.21	0.0338	0.00281	0.00198	0.95	716.4	23.8	43.2
82.5	10.96	7.85E-05	239.21	0.0402	0.00335	0.00235	0.95	716.4	23.8	43.2
82.5	10.96	7.70E-05	239.21	0.0394	0.00328	0.00231	0.95	716.4	23.8	43.2
82.5	10.96	8.01E-05	239.21	0.041	0.00342	0.0024	0.95	716.4	23.8	43.2
82.5	10.96	6.28E-05	239.21	0.0322	0.00268	0.00188	0.95	716.4	23.8	43.2
78.5	10.43	6.75E-05	239.21	0.0313	0.00261	0.00183	0.95	716.4	23.8	43.1
78.5	10.43	7.54E-05	239.21	0.0349	0.00291	0.00205	0.95	716.4	23.8	43.1
78.5	10.43	7.54E-05	239.21	0.0349	0.00291	0.00205	0.95	716.4	23.8	43.1
78.5	10.43	6.91E-05	239.21	0.032	0.00267	0.00187	0.95	716.4	23.8	43.1
78.5	10.43	8.01E-05	239.21	0.0371	0.00309	0.00217	0.95	716.4	23.8	43.1
78.5	10.43	7.38E-05	239.21	0.0342	0.00285	0.002	0.95	716.4	23.8	43.1
78.5	10.43	6.91E-05	239.21	0.032	0.00267	0.00187	0.95	716.4	23.8	43.1
78.5	10.43	6.91E-05	239.21	0.032	0.00267	0.00187	0.95	716.4	23.8	43.1
78.5	10.43	6.75E-05	239.21	0.0313	0.00261	0.00183	0.95	716.4	23.8	43.1
78.5	10.43	6.60E-05	239.21	0.0306	0.00255	0.00179	0.95	716.4	23.8	43.1
78.5	10.43	6.75E-05	239.21	0.0313	0.00261	0.00183	0.95	716.4	23.5	42.6
78.5	10.43	7.54E-05	239.21	0.0349	0.00291	0.00205	0.95	716.4	23.5	42.6
78.5	10.43	6.28E-05	239.21	0.0291	0.00243	0.0017	0.95	716.4	23.5	42.6
78.5	10.43	6.44E-05	239.21	0.0298	0.00249	0.00175	0.95	716.4	23.5	42.6
78.5	10.43	7.38E-05	239.21	0.0342	0.00285	0.002	0.95	716.4	23.5	42.6
78.5	10.43	7.70E-05	239.21	0.0357	0.00297	0.00209	0.95	716.4	23.5	42.6
78.5	10.43	7.23E-05	239.21	0.0335	0.00279	0.00196	0.95	716.4	23.5	42.6
78.5	10.43	6.44E-05	239.21	0.0298	0.00249	0.00175	0.95	716.4	23.5	42.6
78.5	10.43	6.44E-05	239.21	0.0298	0.00249	0.00175	0.95	716.4	23.5	42.6
78.5	10.43	7.70E-05	239.21	0.0357	0.00297	0.00209	0.95	716.4	23.5	42.6
78.5	10.43	7.70E-05	239.21	0.0357	0.00297	0.00209	0.95	716.4	23.4	42.4
78.5	10.43	7.70E-05	239.21	0.0357	0.00297	0.00209	0.95	716.4	23.4	42.4
78.5	10.43	6.28E-05	239.21	0.0291	0.00243	0.0017	0.95	716.4	23.4	42.4
78.5	10.43	6.44E-05	239.21	0.0298	0.00249	0.00175	0.95	716.4	23.4	42.4
78.5	10.43	7.07E-05	239.21	0.0328	0.00273	0.00192	0.95	716.4	23.4	42.4
78.5	10.43	5.97E-05	239.21	0.0277	0.00231	0.00162	0.95	716.4	23.6	42.6
78.5	10.43	6.28E-05	239.21	0.0291	0.00243	0.0017	0.95	716.4	23.6	42.6
78.5	10.43	6.60E-05	239.21	0.0306	0.00255	0.00179	0.95	716.4	23.6	42.6
78.5	10.43	6.60E-05	239.21	0.0306	0.00255	0.00179	0.95	716.4	23.6	42.6
78.5	10.43	6.60E-05	239.21	0.0306	0.00255	0.00179	0.95	716.4	23.6	42.6
74.5	9.9	5.81E-05	239.21	0.0243	0.00202	0.00142	0.95	716.4	23.5	43.2
74.5	9.9	6.28E-05	239.21	0.0262	0.00219	0.00154	0.95	716.4	23.5	43.2
74.5	9.9	6.28E-05	239.21	0.0262	0.00219	0.00154	0.95	716.4	23.5	43.2
74.5	9.9	6.28E-05	239.21	0.0262	0.00219	0.00154	0.95	716.4	23.5	43.2
74.5	9.9	6.13E-05	239.21	0.0256	0.00213	0.0015	0.95	716.4	23.5	43.2
70.5	9.37	6.13E-05	239.21	0.0229	0.00191	0.00134	0.95	716.4	23.5	42.7
70.5	9.37	6.13E-05	239.21	0.0229	0.00191	0.00134	0.95	716.4	23.5	42.7
70.5	9.37	5.81E-05	239.21	0.0217	0.00181	0.00127	0.95	716.4	23.5	42.7
70.5	9.37	5.81E-05	239.21	0.0217	0.00181	0.00127	0.95	716.4	23.5	42.7
70.5	9.37	5.81E-05	239.21	0.0217	0.00181	0.00127	0.95	716.4	23.5	42.7

TABLA N° ANEXO C.58: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
39	22.3	717.8	0.95	125.1	16.62	2.88	0.6299

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	1.63E-04	241.04	0.1189	0.00991	0.00696	0.95	716.8	23.4	34.8
98	13.02	1.63E-04	241.04	0.1189	0.00991	0.00696	0.95	716.8	23.4	34.8
98	13.02	1.63E-04	241.04	0.1189	0.00991	0.00696	0.95	716.8	23.4	34.8
98	13.02	1.57E-04	241.04	0.1143	0.00953	0.00669	0.95	716.8	23.4	34.8
98	13.02	1.57E-04	241.04	0.1143	0.00953	0.00669	0.95	716.8	23.4	34.8
94.5	12.56	1.54E-04	241.04	0.1042	0.00868	0.0061	0.95	716.8	23.4	35.2
94.5	12.56	1.54E-04	241.04	0.1042	0.00868	0.0061	0.95	716.8	23.4	35.2
94.5	12.56	1.54E-04	241.04	0.1042	0.00868	0.0061	0.95	716.8	23.4	35.2
94.5	12.56	1.57E-04	241.04	0.1063	0.00886	0.00622	0.95	716.8	23.4	35.2
94.5	12.56	1.57E-04	241.04	0.1063	0.00886	0.00622	0.95	716.8	23.4	35.2
90.5	12.02	1.57E-04	241.04	0.0975	0.00812	0.00571	0.95	716.8	23.3	35.5
90.5	12.02	1.57E-04	241.04	0.0975	0.00812	0.00571	0.95	716.8	23.3	35.5
90.5	12.02	1.56E-04	241.04	0.0965	0.00804	0.00565	0.95	716.8	23.3	35.5
90.5	12.02	1.56E-04	241.04	0.0965	0.00804	0.00565	0.95	716.8	23.3	35.5
90.5	12.02	1.59E-04	241.04	0.0985	0.00821	0.00576	0.95	716.8	23.3	35.5
86.5	11.49	1.59E-04	241.04	0.0899	0.0075	0.00527	0.95	716.8	23.1	35.5
86.5	11.49	1.59E-04	241.04	0.0899	0.0075	0.00527	0.95	716.8	23.1	35.5
86.5	11.49	1.52E-04	241.03	0.0864	0.0072	0.00506	0.95	716.8	23.1	35.5
86.5	11.49	1.52E-04	241.03	0.0864	0.0072	0.00506	0.95	716.8	23.1	35.5
86.5	11.49	1.52E-04	241.03	0.0864	0.0072	0.00506	0.95	716.8	23	35.5
82.5	10.96	1.52E-04	241.03	0.0786	0.00655	0.0046	0.95	716.8	23	36
82.5	10.96	1.52E-04	241.03	0.0786	0.00655	0.0046	0.95	716.8	23	36
82.5	10.96	1.52E-04	241.03	0.0786	0.00655	0.0046	0.95	716.8	23	36
82.5	10.96	1.52E-04	241.03	0.0786	0.00655	0.0046	0.95	716.8	23	36
82.5	10.96	1.59E-04	241.03	0.0818	0.00682	0.00479	0.95	716.8	23	36
78.5	10.43	1.52E-04	241.03	0.0711	0.00593	0.00416	0.95	716.8	23	36.2
78.5	10.43	1.52E-04	241.03	0.0711	0.00593	0.00416	0.95	716.8	23	36.2
78.5	10.43	1.52E-04	241.03	0.0711	0.00593	0.00416	0.95	716.8	23	36.2
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.2
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.2
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.6
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.6
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.6
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.6
78.5	10.43	1.46E-04	241.03	0.0682	0.00568	0.00399	0.95	716.8	23	36.6
78.5	10.43	1.49E-04	241.03	0.0697	0.00581	0.00408	0.95	716.8	22.8	36.7
78.5	10.43	1.49E-04	241.03	0.0697	0.00581	0.00408	0.95	716.8	22.8	36.7
78.5	10.43	1.49E-04	241.03	0.0697	0.00581	0.00408	0.95	716.8	22.8	36.7
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	22.8	36.7
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	22.8	36.7
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	22.8	36.7
78.5	10.43	1.52E-04	241.03	0.0711	0.00593	0.00416	0.95	716.8	22.8	36.7
78.5	10.43	1.52E-04	241.03	0.0711	0.00593	0.00416	0.95	716.8	22.8	36.7
78.5	10.43	1.52E-04	241.03	0.0711	0.00593	0.00416	0.95	716.8	22.8	36.7
78.5	10.43	1.49E-04	241.03	0.0697	0.00581	0.00408	0.95	716.8	23	36.7
78.5	10.43	1.49E-04	241.03	0.0697	0.00581	0.00408	0.95	716.8	23	36.7
78.5	10.43	1.49E-04	241.03	0.0697	0.00581	0.00408	0.95	716.8	23	36.7
78.5	10.43	1.49E-04	241.03	0.0697	0.00581	0.00408	0.95	716.8	23	36.7
78.5	10.43	1.49E-04	241.03	0.0697	0.00581	0.00408	0.95	716.8	23	36.7
78.5	10.43	1.48E-04	241.03	0.0689	0.00575	0.00404	0.95	716.8	23	36.7
78.5	10.43	1.48E-04	241.03	0.0689	0.00575	0.00404	0.95	716.8	23	36.7
78.5	10.43	1.48E-04	241.03	0.0689	0.00575	0.00404	0.95	716.8	23	36.7
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.7
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.7
78.5	10.43	1.54E-04	241.03	0.0719	0.00599	0.00421	0.95	716.8	23	36.7
74.5	9.9	1.52E-04	241.03	0.0641	0.00534	0.00375	0.95	716.8	23	36.7
74.5	9.9	1.48E-04	241.03	0.0621	0.00517	0.00363	0.95	716.8	23	36.7
74.5	9.9	1.49E-04	241.03	0.0628	0.00523	0.00367	0.95	716.8	23	36.7
74.5	9.9	1.49E-04	241.03	0.0628	0.00523	0.00367	0.95	716.8	23	36.7
74.5	9.9	1.46E-04	241.03	0.0614	0.00512	0.0036	0.95	716.8	23	36.7
70.5	9.37	1.41E-04	241.03	0.0532	0.00444	0.00312	0.95	716.8	23	36.8
70.5	9.37	1.54E-04	241.03	0.058	0.00483	0.00339	0.95	716.8	23	36.8
70.5	9.37	1.48E-04	241.03	0.0556	0.00463	0.00325	0.95	716.8	23	36.8
70.5	9.37	1.48E-04	241.03	0.0556	0.00463	0.00325	0.95	716.8	23	36.8
70.5	9.37	1.48E-04	241.02	0.0556	0.00463	0.00325	0.95	716.8	23	36.8
67	8.9	1.43E-04	241.02	0.0486	0.00405	0.00285	0.95	716.8	22.8	36.8
67	8.9	1.43E-04	241.02	0.0486	0.00405	0.00285	0.95	716.8	22.8	36.8
67	8.9	1.43E-04	241.02	0.0486	0.00405	0.00285	0.95	716.8	22.8	36.8
67	8.9	1.45E-04	241.02	0.0492	0.0041	0.00288	0.95	716.8	22.8	36.8
67	8.9	1.45E-04	241.02	0.0492	0.0041	0.00288	0.95	716.8	22.8	36.8
63	8.37	1.45E-04	241.02	0.0435	0.00362	0.00254	0.95	716.8	22.8	36.9
63	8.37	1.45E-04	241.02	0.0435	0.00362	0.00254	0.95	716.8	22.8	36.9
63	8.37	1.49E-04	241.02	0.0449	0.00374	0.00263	0.95	716.8	22.8	36.9
63	8.37	1.49E-04	241.02	0.0449	0.00374	0.00263	0.95	716.8	22.8	36.9
63	8.37	1.49E-04	241.02	0.0449	0.00374	0.00263	0.95	716.8	22.8	36.9
59	7.84	1.48E-04	241.02	0.0389	0.00325	0.00228	0.95	716.8	22.8	37
59	7.84	1.48E-04	241.02	0.0389	0.00325	0.00228	0.95	716.8	22.8	37
59	7.84	1.48E-04	241.02	0.0389	0.00325	0.00228	0.95	716.8	22.8	37
59	7.84	1.54E-04	241.02	0.0406	0.00338	0.00238	0.95	716.8	22.8	37
59	7.84	1.46E-04	241.02	0.0385	0.00321	0.00226	0.95	716.8	22.8	37

TABLA N° ANEXO C.59: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
33	20.9	715.8	0.95	83.15	11.05	2.88	0.418

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	7.43E-03	249.33	5.5906	0.46588	0.32724	0.95	715	23.4	28.2
98	13.02	8.22E-03	249.31	6.1838	0.51532	0.36196	0.95	715	23.4	28.2
98	13.02	7.73E-03	249.31	5.8171	0.48476	0.3405	0.95	715	23.4	28.2
98	13.02	7.73E-03	249.31	5.8171	0.48476	0.3405	0.95	715	23.4	28.2
98	13.02	7.94E-03	249.31	5.9756	0.49796	0.34977	0.95	715	23.4	28.2
94.5	12.56	5.21E-03	249.29	3.6453	0.30378	0.21337	0.95	715	23.4	28.4
94.5	12.56	5.32E-03	249.29	3.7223	0.31019	0.21788	0.95	715	23.4	28.4
94.5	12.56	5.34E-03	249.29	3.7377	0.31147	0.21878	0.95	715	23.4	28.4
94.5	12.56	5.25E-03	249.29	3.6717	0.30598	0.21492	0.95	715	23.4	28.4
94.5	12.56	5.25E-03	249.29	3.6717	0.30598	0.21492	0.95	715	23.4	28.4
90.5	12.02	3.58E-03	249.28	2.2967	0.19139	0.13443	0.95	715	23.4	28.2
90.5	12.02	3.58E-03	249.28	2.2967	0.19139	0.13443	0.95	715	23.4	28.2
90.5	12.02	3.37E-03	249.27	2.1635	0.18029	0.12664	0.95	715	23.4	28.2
90.5	12.02	3.25E-03	249.27	2.0849	0.17374	0.12204	0.95	715	23.4	28.2
90.5	12.02	3.52E-03	249.27	2.2623	0.18853	0.13242	0.95	715	23.4	28.2
86.5	11.49	2.06E-03	249.28	1.2084	0.1007	0.07073	0.95	715	23.5	28.4
86.5	11.49	2.00E-03	249.26	1.1715	0.09762	0.06857	0.95	715	23.5	28.4
86.5	11.49	2.00E-03	249.26	1.1715	0.09762	0.06857	0.95	715	23.5	28.4
86.5	11.49	1.95E-03	249.26	1.142	0.09517	0.06684	0.95	715	23.5	28.4
86.5	11.49	2.04E-03	249.26	1.1936	0.09947	0.06986	0.95	715	23.5	28.4
82.5	10.96	1.35E-03	249.26	0.7188	0.0599	0.04207	0.95	715	23.4	28.3
82.5	10.96	1.28E-03	249.26	0.6836	0.05697	0.04001	0.95	715	23.4	28.3
82.5	10.96	1.28E-03	249.26	0.6836	0.05697	0.04001	0.95	715	23.4	28.3
82.5	10.96	1.14E-03	249.26	0.6099	0.05082	0.0357	0.95	715	23.4	28.3
82.5	10.96	1.12E-03	249.26	0.5965	0.04971	0.03491	0.95	715	23.4	28.3
78.5	10.43	7.57E-04	249.26	0.3656	0.03047	0.0214	0.95	715	23.4	28.3
78.5	10.43	7.82E-04	249.26	0.3777	0.03148	0.02211	0.95	715	23.4	28.3
78.5	10.43	7.82E-04	249.26	0.3777	0.03148	0.02211	0.95	715	23.4	28.3
78.5	10.43	7.82E-04	249.26	0.3777	0.03148	0.02211	0.95	715	23.4	28.3
78.5	10.43	7.57E-04	249.26	0.3656	0.03047	0.0214	0.95	715	23.4	28.3
78.5	10.43	7.16E-04	249.26	0.3459	0.02882	0.02024	0.95	715	23.5	28.2
78.5	10.43	7.16E-04	249.26	0.3459	0.02882	0.02024	0.95	715	23.5	28.2
78.5	10.43	7.85E-04	249.26	0.3792	0.0316	0.0222	0.95	715	23.5	28.2
78.5	10.43	7.85E-04	249.26	0.3792	0.0316	0.0222	0.95	715	23.5	28.2
78.5	10.43	7.45E-04	249.25	0.3595	0.02996	0.02104	0.95	715	23.5	28.2
78.5	10.43	7.45E-04	249.25	0.3595	0.02996	0.02104	0.95	715	23.5	28.3
78.5	10.43	7.45E-04	249.25	0.3595	0.02996	0.02104	0.95	715	23.5	28.3
78.5	10.43	7.57E-04	249.25	0.3656	0.03047	0.0214	0.95	715	23.5	28.3
78.5	10.43	7.57E-04	249.25	0.3656	0.03047	0.0214	0.95	715	23.5	28.3
78.5	10.43	7.51E-04	249.25	0.3625	0.03021	0.02122	0.95	715	23.5	28.3
78.5	10.43	7.26E-04	249.25	0.3504	0.0292	0.02051	0.95	715	23.5	28.3
78.5	10.43	7.54E-04	249.25	0.3641	0.03034	0.02131	0.95	715	23.5	28.3
78.5	10.43	7.54E-04	249.25	0.3641	0.03034	0.02131	0.95	715	23.5	28.3
78.5	10.43	7.73E-04	249.25	0.3732	0.0311	0.02184	0.95	715	23.5	28.3
78.5	10.43	7.73E-04	249.25	0.3732	0.0311	0.02184	0.95	715	23.5	28.3
78.5	10.43	7.51E-04	249.25	0.3625	0.03021	0.02122	0.95	715	23.5	28.3
78.5	10.43	7.51E-04	249.25	0.3625	0.03021	0.02122	0.95	715	23.5	28.3
78.5	10.43	7.67E-04	249.25	0.3701	0.03084	0.02166	0.95	715	23.5	28.3
78.5	10.43	7.67E-04	249.25	0.3701	0.03084	0.02166	0.95	715	23.5	28.3
78.5	10.43	7.85E-04	249.25	0.3792	0.0316	0.0222	0.95	715	23.5	28.3
78.5	10.43	7.38E-04	249.25	0.3565	0.02971	0.02087	0.95	715	23.5	28.3
78.5	10.43	7.23E-04	249.25	0.3489	0.02907	0.02042	0.95	715	23.5	28.3
78.5	10.43	7.23E-04	249.25	0.3489	0.02907	0.02042	0.95	715	23.5	28.3
78.5	10.43	7.04E-04	249.25	0.3398	0.02832	0.01989	0.95	715	23.5	28.3
78.5	10.43	7.04E-04	249.25	0.3398	0.02832	0.01989	0.95	715	23.5	28.3
74.5	9.9	5.31E-04	249.24	0.2309	0.01924	0.01351	0.95	715	23.5	28.4
74.5	9.9	5.12E-04	249.24	0.2227	0.01856	0.01304	0.95	715	23.5	28.4
74.5	9.9	5.34E-04	249.24	0.2323	0.01936	0.01359	0.95	715	23.5	28.4
74.5	9.9	5.34E-04	249.24	0.2323	0.01936	0.01359	0.95	715	23.5	28.4
74.5	9.9	5.28E-04	249.24	0.2295	0.01913	0.01343	0.95	715	23.5	28.4
70.5	9.37	4.40E-04	249.24	0.1713	0.01427	0.01003	0.95	715	23.4	27.8
70.5	9.37	4.40E-04	249.24	0.1713	0.01427	0.01003	0.95	715	23.4	27.8
70.5	9.37	4.52E-04	249.24	0.1762	0.01468	0.01031	0.95	715	23.4	27.8
70.5	9.37	4.40E-04	249.24	0.1713	0.01427	0.01003	0.95	715	23.4	27.8
70.5	9.37	4.40E-04	249.24	0.1713	0.01427	0.01003	0.95	715	23.4	27.8
67	8.9	4.21E-04	249.24	0.1481	0.01234	0.00867	0.95	715	23.4	28.4
67	8.9	4.21E-04	249.24	0.1481	0.01234	0.00867	0.95	715	23.4	28.4
67	8.9	4.21E-04	249.24	0.1481	0.01234	0.00867	0.95	715	23.4	28.4
67	8.9	4.21E-04	249.24	0.1481	0.01234	0.00867	0.95	715	23.4	28.4
67	8.9	4.21E-04	249.24	0.1481	0.01234	0.00867	0.95	715	23.4	28.4
63	8.37	3.86E-04	249.23	0.1202	0.01001	0.00703	0.95	715	23.4	28.3
63	8.37	3.86E-04	249.23	0.1202	0.01001	0.00703	0.95	715	23.4	28.3
63	8.37	3.80E-04	249.23	0.1182	0.00985	0.00692	0.95	715	23.4	28.3
63	8.37	3.64E-04	249.23	0.1133	0.00944	0.00663	0.95	715	23.4	28.3
63	8.37	3.80E-04	249.23	0.1182	0.00985	0.00692	0.95	715	23.4	28.3
59	7.84	3.77E-04	249.23	0.1028	0.00857	0.00602	0.95	715	23.4	28.2
59	7.84	3.77E-04	249.23	0.1028	0.00857	0.00602	0.95	715	23.4	28.2
59	7.84	3.93E-04	249.23	0.1071	0.00893	0.00627	0.95	715	23.4	28.2
59	7.84	3.93E-04	249.23	0.1071	0.00893	0.00627	0.95	715	23.4	28.2
59	7.84	3.77E-04	249.23	0.1028	0.00857	0.00602	0.95	715	23.4	28.2

TABLA N° ANEXO C.60: Conductor 5, AAAC TW 2x2.88 cm.

Muestra 3. Configuración doble. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
45.2	23.7	716.8	0.95	41.1	5.46	2.88	0.2081

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
98	13.02	3.66E-01	275.07	303.7291	25.31076	17.77823	0.94	714.5	26.5	40.5
98	13.02	3.64E-01	274.97	302.1941	25.18285	17.68839	0.94	714.5	26.5	40.5
98	13.02	3.66E-01	274.58	303.5893	25.29911	17.77005	0.94	714.5	26.5	40.5
98	13.02	3.66E-01	275.12	304.1872	25.34893	17.80504	0.94	714.5	26.5	40.5
98	13.02	3.66E-01	274.83	303.8681	25.32234	17.78637	0.94	714.5	26.5	40.5
94.5	12.56	3.38E-01	272.08	258.4161	21.53467	15.12592	0.94	714.5	26.5	40.3
94.5	12.56	3.38E-01	271.73	257.8951	21.49126	15.09542	0.94	714.5	26.5	40.3
94.5	12.56	3.41E-01	271.13	259.907	21.65892	15.21318	0.94	714.5	26.5	40.3
94.5	12.56	3.41E-01	271.02	259.5165	21.62637	15.19032	0.94	714.5	26.5	40.3
94.5	12.56	3.41E-01	271.06	259.3764	21.6147	15.18213	0.94	714.5	26.5	40.3
90.5	12.02	3.13E-01	268.22	216.132	18.011	12.65089	0.94	714.5	26.5	41.1
90.5	12.02	3.14E-01	267.78	216.2994	18.02495	12.66069	0.94	714.5	26.5	41.1
90.5	12.02	3.14E-01	268.16	216.6026	18.05022	12.67844	0.94	714.5	26.5	41.1
90.5	12.02	3.08E-01	269.1	213.0933	17.75778	12.47303	0.94	714.5	26.5	41.1
90.5	12.02	3.08E-01	269.12	213.1142	17.75952	12.47425	0.94	714.5	26.5	41.1
86.5	11.49	2.65E-01	263.95	164.7247	13.72706	9.64186	0.94	714.5	26.5	40.8
86.5	11.49	2.64E-01	264.35	163.9184	13.65986	9.59466	0.94	714.5	26.5	40.8
86.5	11.49	2.62E-01	264.15	163.0287	13.58573	9.54259	0.94	714.5	26.5	40.8
86.5	11.49	2.66E-01	263.73	164.7556	13.72963	9.64367	0.94	714.5	26.5	40.8
86.5	11.49	2.66E-01	263.61	164.6824	13.72353	9.63938	0.94	714.5	26.5	40.8
82.5	10.96	2.34E-01	260.52	130.3215	10.86013	7.62813	0.94	714.5	26.5	40.9
82.5	10.96	2.33E-01	260.59	130.0294	10.83579	7.61104	0.94	714.5	26.5	40.9
82.5	10.96	2.31E-01	260.35	128.8577	10.73814	7.54245	0.94	714.5	26.5	40.9
82.5	10.96	2.30E-01	260.87	128.2381	10.68651	7.50618	0.94	714.5	26.5	40.9
82.5	10.96	2.30E-01	261.05	128.326	10.69383	7.51133	0.94	714.5	26.5	40.9
78.5	10.43	1.87E-01	258.12	93.4517	7.78764	5.47003	0.94	714.5	26.5	40.8
78.5	10.43	1.94E-01	257.55	97.006	8.08384	5.67807	0.94	714.5	26.5	40.8
78.5	10.43	1.94E-01	257.65	97.0425	8.08687	5.6802	0.94	714.5	26.5	40.8
78.5	10.43	1.94E-01	257.83	97.112	8.09267	5.68428	0.94	714.5	26.5	40.8
78.5	10.43	1.94E-01	257.8	97.0996	8.09163	5.68355	0.94	714.5	26.5	40.8
78.5	10.43	1.94E-01	257.8	97.0996	8.09163	5.68355	0.94	714.5	26.5	40.6
78.5	10.43	1.89E-01	258.34	94.695	7.89125	5.5428	0.94	714.5	26.5	40.6
78.5	10.43	1.88E-01	258.04	94.1996	7.84997	5.5138	0.94	714.5	26.5	40.6
78.5	10.43	1.91E-01	258.23	95.3814	7.94845	5.58298	0.94	714.5	26.5	40.6
78.5	10.43	1.91E-01	258.15	95.353	7.94608	5.58131	0.94	714.5	26.5	40.6
78.5	10.43	1.91E-01	258.15	95.353	7.94608	5.58131	0.94	714.5	26.5	40.6
78.5	10.43	1.91E-01	257.88	95.2522	7.93768	5.57541	0.94	714.5	26.5	40.6
78.5	10.43	1.89E-01	258	94.6651	7.88876	5.54105	0.94	714.5	26.5	40.6
78.5	10.43	1.92E-01	258.09	95.9517	7.99598	5.61636	0.94	714.5	26.5	40.6
78.5	10.43	1.90E-01	258.32	94.8413	7.90344	5.55136	0.94	714.5	26.5	40.6
78.5	10.43	1.94E-01	257.8	96.6921	8.05768	5.6597	0.94	714.5	26.5	40.4
78.5	10.43	1.94E-01	257.47	96.5684	8.04737	5.65246	0.94	714.5	26.5	40.4
78.5	10.43	1.94E-01	257.75	96.6732	8.0561	5.65859	0.94	714.5	26.5	40.4
78.5	10.43	1.93E-01	257.51	96.4436	8.03696	5.64515	0.94	714.5	26.5	40.4
78.5	10.43	1.93E-01	257.57	96.4677	8.03898	5.64656	0.94	714.5	26.5	40.4
78.5	10.43	1.92E-01	257.95	96.1372	8.01144	5.62722	0.94	714.5	26.5	40.4
78.5	10.43	1.88E-01	257.98	94.188	7.849	5.51312	0.94	714.5	26.5	40.4
78.5	10.43	1.94E-01	257.88	96.9755	8.08129	5.67628	0.94	714.5	26.5	40.4
78.5	10.43	1.94E-01	257.91	96.8416	8.07013	5.66845	0.94	714.5	26.5	40.4
78.5	10.43	1.89E-01	258.35	94.6898	7.89082	5.5425	0.94	714.5	26.5	40.4
78.5	10.43	1.93E-01	257.57	96.193	8.01609	5.63048	0.94	714.5	26.5	40.2
78.5	10.43	1.91E-01	258.06	95.5542	7.96285	5.59309	0.94	714.5	26.5	40.2
78.5	10.43	1.88E-01	258.03	93.9546	7.82955	5.49946	0.94	714.5	26.5	40.2
78.5	10.43	1.91E-01	257.64	95.3603	7.9467	5.58174	0.94	714.5	26.5	40.2
78.5	10.43	1.91E-01	258.03	95.507	7.95892	5.59033	0.94	714.5	26.5	40.2
74.5	9.9	1.48E-01	255.89	65.8805	5.49004	3.8562	0.94	714.5	26.5	40.2
74.5	9.9	1.49E-01	255.41	66.3455	5.5288	3.88342	0.94	714.5	26.5	40.2
74.5	9.9	1.50E-01	255.64	66.9782	5.58151	3.92045	0.94	714.5	26.5	40.2
74.5	9.9	1.51E-01	255.59	67.2513	5.60428	3.93644	0.94	714.5	26.5	40.2
74.5	9.9	1.49E-01	255.75	66.3129	5.52608	3.88151	0.94	714.5	26.5	40.2
70.5	9.37	1.22E-01	254.09	48.4475	4.03729	2.83579	0.94	714.5	26.5	39.9
70.5	9.37	1.17E-01	254.39	46.4584	3.87153	2.71936	0.94	714.5	26.5	39.9
70.5	9.37	1.17E-01	253.95	46.3777	3.86481	2.71464	0.94	714.5	26.5	39.9
70.5	9.37	1.23E-01	253.64	48.9187	4.07656	2.86337	0.94	714.5	26.5	39.9
70.5	9.37	1.23E-01	253.84	48.9558	4.07965	2.86554	0.94	714.5	26.5	39.9
67	8.9	8.87E-02	253.3	31.7239	2.64366	1.8569	0.94	714.5	26.5	39.9
67	8.9	8.89E-02	252.98	31.7516	2.64597	1.85852	0.94	714.5	26.5	39.9
67	8.9	8.89E-02	252.93	31.7457	2.64547	1.85818	0.94	714.5	26.5	39.9
67	8.9	8.89E-02	252.93	31.7457	2.64547	1.85818	0.94	714.5	26.5	39.9
67	8.9	8.84E-02	252.92	31.5601	2.63001	1.84731	0.94	714.5	26.5	39.9
63	8.37	6.40E-02	252.3	20.1418	1.67848	1.17896	0.94	714.5	26.5	40
63	8.37	6.32E-02	252.63	19.9107	1.65922	1.16544	0.94	714.5	26.5	40
63	8.37	6.30E-02	252.33	19.8474	1.65395	1.16173	0.94	714.5	26.5	40
63	8.37	6.46E-02	252.39	20.3407	1.69505	1.1906	0.94	714.5	26.5	40
63	8.37	6.46E-02	252.09	20.3161	1.69301	1.18917	0.94	714.5	26.5	40
59	7.84	4.72E-02	252.04	13.0114	1.08428	0.7616	0.94	714.5	26.6	40
59	7.84	4.76E-02	252.03	13.1166	1.09305	0.76776	0.94	714.5	26.6	40
59	7.84	4.78E-02	252.03	13.1856	1.0988	0.7718	0.94	714.5	26.6	40
59	7.84	4.78E-02	251.71	13.1689	1.09741	0.77082	0.94	714.5	26.6	40
59	7.84	4.78E-02	251.71	13.1689	1.09741	0.77082	0.94	714.5	26.6	40

TABLA N° ANEXO C.61: Conductor 6, AAAC 2.90 cm.

Muestra 1. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
27.8	28.8	708.6	0.92	136.7	21.04	2.92	0.8238

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
128.0	19.70	3.08E-05	149.93	0.0238	0.00198	0.00166	0.93	714	27.2	20.0
128.0	19.70	3.08E-05	149.93	0.0238	0.00198	0.00166	0.93	714	27.2	20.0
128.0	19.70	3.52E-05	149.92	0.0272	0.00226	0.00190	0.93	714	27.2	20.0
128.0	19.70	3.14E-05	149.93	0.0243	0.00202	0.00170	0.93	714	27.2	20.0
128.0	19.70	3.14E-05	149.93	0.0243	0.00202	0.00170	0.93	714	27.2	20.1
123.5	19.01	2.86E-05	149.93	0.0206	0.00171	0.00144	0.93	714	27.2	20.1
123.5	19.01	2.86E-05	149.93	0.0206	0.00171	0.00144	0.93	714	27.2	20.1
123.5	19.01	2.86E-05	149.93	0.0206	0.00171	0.00144	0.93	714	27.2	20.1
123.5	19.01	2.86E-05	149.93	0.0206	0.00171	0.00144	0.93	714	27.2	20.1
123.5	19.01	3.30E-05	149.93	0.0237	0.00198	0.00166	0.93	714	27.2	20.0
119.0	18.32	5.00E-05	149.93	0.0333	0.00278	0.00233	0.93	714	27.2	20.0
119.0	18.32	5.28E-05	149.93	0.0352	0.00294	0.00247	0.93	714	27.2	20.0
119.0	18.32	4.34E-05	149.93	0.0289	0.00241	0.00203	0.93	714	27.2	20.0
119.0	18.32	4.34E-05	149.93	0.0289	0.00241	0.00203	0.93	714	27.2	20.0
119.0	18.32	4.34E-05	149.93	0.0289	0.00241	0.00203	0.93	714	27.2	20.2
114.5	17.62	4.34E-05	149.93	0.0268	0.00223	0.00188	0.93	714	27.2	20.2
114.5	17.62	4.08E-05	149.92	0.0252	0.0021	0.00177	0.93	714	27.2	20.2
114.5	17.62	4.08E-05	149.92	0.0252	0.0021	0.00177	0.93	714	27.2	20.2
114.5	17.62	4.08E-05	149.92	0.0252	0.0021	0.00177	0.93	714	27.2	20.2
114.5	17.62	4.08E-05	149.92	0.0252	0.0021	0.00177	0.93	714	27.2	20.2
110.0	16.93	4.08E-05	149.93	0.0233	0.00194	0.00163	0.93	714	27.2	20.0
110.0	16.93	4.08E-05	149.93	0.0233	0.00194	0.00163	0.93	714	27.2	20.0
110.0	16.93	3.14E-05	149.93	0.0179	0.00149	0.00125	0.93	714	27.2	20.0
110.0	16.93	3.14E-05	149.93	0.0179	0.00149	0.00125	0.93	714	27.2	20.0
110.0	16.93	4.71E-05	149.93	0.0269	0.00224	0.00188	0.93	714	27.2	20.0
105.0	16.16	4.68E-05	149.93	0.0243	0.00203	0.00170	0.93	714	27.2	20.3
105.0	16.16	2.45E-05	149.93	0.0127	0.00106	0.00089	0.93	714	27.2	20.3
105.0	16.16	5.43E-05	149.92	0.0282	0.00235	0.00198	0.93	714	27.2	20.3
105.0	16.16	2.83E-05	149.92	0.0147	0.00122	0.00103	0.93	714	27.2	20.3
105.0	16.16	2.83E-05	149.92	0.0147	0.00122	0.00103	0.93	714	27.0	19.4
100.5	15.47	2.83E-05	149.92	0.0135	0.00112	0.00094	0.93	714	27.0	19.4
100.5	15.47	2.83E-05	149.92	0.0135	0.00112	0.00094	0.93	714	27.0	19.4
100.5	15.47	2.83E-05	149.92	0.0135	0.00112	0.00094	0.93	714	27.0	19.4
100.5	15.47	2.86E-05	149.92	0.0136	0.00113	0.00095	0.93	714	27.0	19.4
100.5	15.47	3.46E-05	149.93	0.0165	0.00137	0.00115	0.93	714	27.0	19.4
96.0	14.78	3.46E-05	149.93	0.015	0.00125	0.00105	0.93	714	27.0	19.7
96.0	14.78	3.46E-05	149.93	0.015	0.00125	0.00105	0.93	714	27.0	19.7
96.0	14.78	4.87E-05	149.92	0.0212	0.00176	0.00148	0.93	714	27.0	19.7
96.0	14.78	2.51E-05	149.92	0.0109	0.00091	0.00076	0.93	714	27.0	19.7
96.0	14.78	2.51E-05	149.92	0.0109	0.00091	0.00076	0.94	714	26.0	19.4
91.5	14.08	2.51E-05	149.92	0.0099	0.00083	0.00069	0.94	714	26.0	19.4
91.5	14.08	2.51E-05	149.92	0.0099	0.00083	0.00069	0.94	714	26.0	19.4
91.5	14.08	2.51E-05	149.92	0.0099	0.00083	0.00069	0.94	713.8	26.0	19.4
91.5	14.08	2.51E-05	149.92	0.0099	0.00083	0.00069	0.94	713.8	26.0	19.4
91.5	14.08	2.51E-05	149.92	0.0099	0.00083	0.00069	0.94	713.8	26.0	19.4
91.5	14.08	3.36E-05	149.92	0.0133	0.00111	0.00093	0.94	713.8	26.0	19.4
91.5	14.08	1.67E-05	149.93	0.0066	0.00055	0.00046	0.94	713.8	26.0	19.4
91.5	14.08	3.61E-05	149.93	0.0143	0.00119	0.001	0.94	713.8	26.0	19.4
91.5	14.08	3.61E-05	149.93	0.0143	0.00119	0.001	0.94	713.8	26.0	19.4
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.94	713.8	26.0	19.4
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.94	713.8	26.0	19.4
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.94	713.8	26.0	19.4
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.93	713.8	27.0	19.0
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.93	713.8	27.0	19.0
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.93	713.8	27.0	19.0
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.93	713.8	27.0	19.0
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.93	713.8	27.0	19.0
91.5	14.08	3.46E-05	149.93	0.0136	0.00114	0.00095	0.93	713.8	27.0	19.0
91.5	14.08	2.51E-05	149.93	0.0099	0.00083	0.00069	0.93	713.8	27.0	19.0
91.5	14.08	2.51E-05	149.93	0.0099	0.00083	0.00069	0.93	713.8	27.0	19.0
91.5	14.08	2.51E-05	149.93	0.0099	0.00083	0.00069	0.93	713.8	27.2	19.3
91.5	14.08	3.93E-05	149.88	0.0155	0.00129	0.00108	0.93	713.8	27.2	19.3
91.5	14.08	3.93E-05	149.88	0.0155	0.00129	0.00108	0.93	713.8	27.2	19.3
91.5	14.08	3.93E-05	149.88	0.0155	0.00129	0.00108	0.93	713.8	27.2	19.3
91.5	14.08	3.93E-05	149.88	0.0155	0.00129	0.00108	0.93	713.8	27.2	19.3
91.5	14.08	3.93E-05	149.88	0.0155	0.00129	0.00108	0.93	713.8	27.0	19.0
91.5	14.08	3.93E-05	149.88	0.0155	0.00129	0.00108	0.93	713.8	27.0	19.0
91.5	14.08	3.93E-05	149.88	0.0155	0.00129	0.00108	0.93	713.8	27.0	19.0
91.5	14.08	3.20E-05	149.86	0.0126	0.00105	0.00088	0.93	713.8	27.0	19.0
91.5	14.08	3.20E-05	149.86	0.0126	0.00105	0.00088	0.93	713.8	27.0	19.0
87.0	13.39	3.30E-05	149.92	0.0118	0.00098	0.00082	0.93	713.8	27.0	19.0
87.0	13.39	3.30E-05	149.92	0.0118	0.00098	0.00082	0.93	713.8	27.0	19.0
87.0	13.39	3.30E-05	149.92	0.0118	0.00098	0.00082	0.93	713.8	27.0	19.0
87.0	13.39	3.24E-05	149.92	0.0115	0.00096	0.00081	0.93	713.8	27.0	19.0
87.0	13.39	3.24E-05	149.92	0.0115	0.00096	0.00081	0.93	713.8	27.0	18.8
82.5	12.70	3.24E-05	149.92	0.0104	0.00087	0.00073	0.93	713.8	27.0	18.8
82.5	12.70	3.24E-05	149.92	0.0104	0.00087	0.00073	0.93	713.8	27.0	18.8
82.5	12.70	3.24E-05	149.92	0.0104	0.00087	0.00073	0.93	713.8	27.0	18.8
82.5	12.70	3.24E-05	149.92	0.0104	0.00087	0.00073	0.93	713.8	27.0	18.8
82.5	12.70	3.24E-05	149.92	0.0104	0.00087	0.00073	0.93	713.8	27.2	18.7

TABLA N° ANEXO C.62: Conductor 6, AAAC 2.90 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
21	26	712.4	0.93	100.6	15.48	2.92	0.5983

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.62	3.20E-01	160.8	211.7521	17.646	14.82114	0.93	713	27.4	11.3
114.5	17.62	3.18E-01	157.76	206.7179	17.22649	14.46878	0.93	713	27.4	11.3
114.5	17.62	3.18E-01	157.76	206.7179	17.22649	14.46878	0.93	713	27.4	11.3
114.5	17.62	3.14E-01	156.54	202.6988	16.89156	14.18747	0.93	713	27.4	11.3
114.5	17.62	3.08E-01	157.13	199.1859	16.59882	13.94159	0.93	713	27.4	11.3
110.0	16.93	2.07E-01	152.89	120.5917	10.04931	8.44056	0.93	713	27.3	11.2
110.0	16.93	2.10E-01	152.72	122.0979	10.17482	8.54598	0.93	713	27.3	11.2
110.0	16.93	2.10E-01	152.7	122.2649	10.18874	8.55767	0.93	713	27.3	11.2
110.0	16.93	2.04E-01	152.62	118.5521	9.87934	8.29781	0.93	713	27.3	11.2
110.0	16.93	2.04E-01	152.62	118.5521	9.87934	8.29781	0.93	713	27.3	11.2
105.0	16.16	9.43E-02	150.3	49.1019	4.09182	3.43678	0.93	713	27.2	11.5
105.0	16.16	8.17E-02	149.55	42.3435	3.52862	2.96374	0.93	713	27.2	11.5
105.0	16.16	8.17E-02	151.07	42.7726	3.56438	2.99378	0.93	713	27.2	11.5
105.0	16.16	8.17E-02	151.07	42.7726	3.56438	2.99378	0.93	713	27.2	11.5
105.0	16.16	6.28E-02	150.19	32.7116	2.72597	2.28958	0.93	713	27.2	11.5
100.5	15.47	2.75E-04	150.93	0.1317	0.01098	0.00922	0.93	713	27.2	11.5
100.5	15.47	2.67E-04	150.93	0.128	0.01066	0.00896	0.93	713	27.2	11.5
100.5	15.47	2.61E-04	150.93	0.125	0.01041	0.00875	0.93	713	27.2	11.5
100.5	15.47	2.76E-04	150.93	0.1325	0.01104	0.00927	0.93	713	27.2	11.5
100.5	15.47	2.76E-04	150.93	0.1325	0.01104	0.00927	0.93	713	27.2	11.5
96.0	14.78	2.29E-04	150.89	0.1003	0.00835	0.00702	0.93	713.2	27.0	11.7
96.0	14.78	2.17E-04	150.93	0.0948	0.0079	0.00663	0.93	713.2	27.0	11.7
96.0	14.78	2.17E-04	150.93	0.0948	0.0079	0.00663	0.93	713.2	27.0	11.7
96.0	14.78	2.17E-04	150.93	0.0948	0.0079	0.00663	0.93	713.2	27.0	11.7
96.0	14.78	2.04E-04	150.93	0.0893	0.00744	0.00625	0.93	713.2	27.0	11.7
91.5	14.08	1.83E-04	150.94	0.0727	0.00606	0.00509	0.93	713.2	26.9	11.9
91.5	14.08	1.77E-04	150.95	0.0703	0.00586	0.00492	0.93	713.2	26.9	11.9
91.5	14.08	1.80E-04	150.94	0.0713	0.00594	0.00499	0.93	713.2	26.9	11.9
91.5	14.08	1.72E-04	150.94	0.0683	0.00569	0.00478	0.93	713.2	26.9	11.9
91.5	14.08	1.80E-04	150.94	0.0716	0.00596	0.00501	0.93	713.2	26.9	11.9
91.5	14.08	1.66E-04	150.94	0.0658	0.00549	0.00461	0.93	713.2	26.9	11.9
91.5	14.08	1.82E-04	150.94	0.0722	0.00602	0.00505	0.93	713.5	26.9	12.4
91.5	14.08	1.82E-04	150.94	0.0722	0.00602	0.00505	0.93	713.5	26.9	12.4
91.5	14.08	1.82E-04	150.94	0.0722	0.00602	0.00505	0.93	713.5	26.9	12.4
91.5	14.08	1.82E-04	150.94	0.0722	0.00602	0.00505	0.93	713.5	26.9	12.4
91.5	14.08	1.94E-04	150.94	0.077	0.00642	0.00539	0.93	713.5	26.9	12.4
91.5	14.08	1.94E-04	150.94	0.077	0.00642	0.00539	0.93	713.5	26.9	12.4
91.5	14.08	1.79E-04	150.94	0.0711	0.00593	0.00498	0.93	713.5	26.6	12.7
91.5	14.08	1.79E-04	150.95	0.0711	0.00593	0.00498	0.93	713.5	26.6	12.7
91.5	14.08	1.81E-04	150.94	0.0718	0.00598	0.00502	0.93	713.5	26.6	12.7
91.5	14.08	1.81E-04	150.94	0.0718	0.00598	0.00502	0.93	713.5	26.6	12.7
91.5	14.08	1.73E-04	150.94	0.0686	0.00572	0.0048	0.93	713.5	26.6	12.7
91.5	14.08	1.73E-04	150.94	0.0686	0.00572	0.0048	0.93	713.5	26.6	12.7
91.5	14.08	1.73E-04	150.94	0.0686	0.00572	0.0048	0.93	713.5	26.6	12.7
91.5	14.08	1.81E-04	150.94	0.0718	0.00598	0.00502	0.93	713.5	26.6	12.7
91.5	14.08	1.81E-04	150.94	0.0718	0.00598	0.00502	0.93	713.5	26.5	12.9
91.5	14.08	1.81E-04	150.94	0.0718	0.00598	0.00502	0.93	713.5	26.5	12.9
91.5	14.08	1.93E-04	150.94	0.0768	0.0064	0.00537	0.93	713.5	26.5	12.9
91.5	14.08	1.80E-04	150.94	0.0717	0.00598	0.00502	0.93	713.5	26.5	12.9
91.5	14.08	1.89E-04	150.94	0.0752	0.00627	0.00526	0.93	713.5	26.5	12.9
91.5	14.08	1.89E-04	150.94	0.0752	0.00627	0.00526	0.93	713.5	26.5	12.9
91.5	14.08	1.89E-04	150.94	0.0752	0.00627	0.00526	0.93	713.5	26.5	12.9
91.5	14.08	1.85E-04	150.94	0.0733	0.00611	0.00513	0.93	713.5	26.5	12.9
91.5	14.08	1.88E-04	150.94	0.0746	0.00621	0.00522	0.93	713.5	26.5	12.9
91.5	14.08	2.01E-04	150.94	0.0799	0.00666	0.00559	0.93	713.5	26.5	12.9
87.0	13.39	1.64E-04	150.94	0.059	0.00491	0.00413	0.93	713.5	26.4	13.3
87.0	13.39	1.64E-04	150.94	0.059	0.00491	0.00413	0.93	713.5	26.4	13.3
87.0	13.39	1.59E-04	150.94	0.057	0.00475	0.00399	0.93	713.5	26.4	13.3
87.0	13.39	1.58E-04	151.02	0.0567	0.00473	0.00397	0.93	713.5	26.4	13.3
87.0	13.39	1.58E-04	151.02	0.0567	0.00473	0.00397	0.93	713.5	26.4	13.3
82.5	12.7	1.42E-04	150.94	0.0459	0.00383	0.00321	0.93	713.5	26.4	13.6
82.5	12.7	1.52E-04	150.94	0.0492	0.0041	0.00344	0.93	713.5	26.4	13.6
82.5	12.7	1.35E-04	150.94	0.0436	0.00364	0.00305	0.93	713.5	26.4	13.6
82.5	12.7	1.35E-04	150.94	0.0436	0.00364	0.00305	0.93	713.5	26.4	13.6
82.5	12.7	1.35E-04	150.94	0.0436	0.00364	0.00305	0.93	713.5	26.4	13.6
77.5	11.93	1.19E-04	150.94	0.034	0.00284	0.00238	0.94	713.5	26.2	13.9
77.5	11.93	1.32E-04	150.94	0.0376	0.00313	0.00263	0.94	713.5	26.2	13.9
77.5	11.93	1.39E-04	150.94	0.0396	0.0033	0.00277	0.94	713.5	26.2	13.9
77.5	11.93	1.54E-04	150.94	0.0439	0.00366	0.00307	0.94	713.5	26.2	13.9
77.5	11.93	1.41E-04	150.94	0.0403	0.00336	0.00282	0.94	713.5	26.2	13.9
73.0	11.24	1.34E-04	150.94	0.0338	0.00281	0.00236	0.94	713.5	26.1	13.9
73.0	11.24	1.34E-04	150.94	0.0338	0.00281	0.00236	0.94	713.5	26.1	13.9
73.0	11.24	1.51E-04	150.94	0.0381	0.00318	0.00267	0.94	713.5	26.1	13.9
73.0	11.24	1.41E-04	150.94	0.0355	0.00296	0.00249	0.94	713.5	26.1	13.9
73.0	11.24	1.41E-04	150.94	0.0355	0.00296	0.00249	0.94	713.5	26.1	13.9
68.5	10.54	1.36E-04	150.94	0.0303	0.00252	0.00212	0.94	713.5	26.0	13.9
68.5	10.54	1.16E-04	150.94	0.0259	0.00216	0.00181	0.94	713.5	26.0	13.9
68.5	10.54	1.24E-04	150.94	0.0276	0.0023	0.00193	0.94	713.5	26.0	13.9
68.5	10.54	1.24E-04	150.94	0.0276	0.0023	0.00193	0.94	713.5	26.0	13.9
68.5	10.54	1.24E-04	150.94	0.0276	0.0023	0.00193	0.94	713.5	26.0	13.9

TABLA N° ANEXO C.63: Conductor 6, AAAC 2.90 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
27.9	26.8	713	0.93	69.7	10.73	2.92	0.4152

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.62	2.68E-01	165.05	182.3148	15.1929	12.76074	0.92	711	28.7	23.8
114.5	17.62	2.67E-01	165.11	181.9454	15.16212	12.73488	0.92	711	28.7	23.8
114.5	17.62	2.67E-01	165.16	181.5747	15.13122	12.70894	0.92	711	28.7	23.8
114.5	17.62	2.65E-01	164.98	180.5282	15.04402	12.63569	0.92	711	28.7	23.8
114.5	17.62	2.64E-01	164.8	179.5107	14.95922	12.56447	0.92	711	28.7	23.8
110.0	16.93	2.14E-01	162.35	131.9727	10.99773	9.23715	0.92	711	28.6	30.6
110.0	16.93	2.14E-01	162.35	131.9727	10.99773	9.23715	0.92	711	28.6	30.6
110.0	16.93	2.14E-01	162.35	131.9727	10.99773	9.23715	0.92	711	28.6	30.6
110.0	16.93	2.08E-01	161.93	128.1351	10.67793	8.96855	0.92	711	28.6	30.6
110.0	16.93	2.09E-01	162.13	128.8745	10.73954	9.0203	0.92	711	28.9	30.6
105.0	16.16	1.48E-01	148.3	75.9191	6.3266	5.3138	0.92	711	28.9	30.6
105.0	16.16	1.47E-01	148.34	75.4554	6.28795	5.28134	0.92	711	28.9	30.6
105.0	16.16	1.51E-01	159.98	83.6431	6.97026	5.85442	0.92	711	28.9	30.6
105.0	16.16	1.48E-01	159.84	81.8269	6.81891	5.7273	0.92	711	28.9	30.6
105.0	16.16	1.48E-01	159.84	81.8269	6.81891	5.7273	0.92	711	28.8	30.9
100.5	15.47	8.86E-02	158.36	44.5717	3.71431	3.1197	0.92	711	28.8	30.9
100.5	15.47	8.86E-02	158.36	44.5717	3.71431	3.1197	0.92	711	28.8	30.9
100.5	15.47	9.21E-02	158.27	46.2837	3.85697	3.23953	0.92	711	28.8	30.9
100.5	15.47	9.43E-02	158.45	47.4386	3.95322	3.32037	0.92	711	28.8	30.9
100.5	15.47	9.74E-02	158.6	49.059	4.08825	3.43378	0.92	710.8	28.8	31
96.5	14.85	5.75E-02	157.92	26.599	2.21658	1.86174	0.92	710.8	28.8	31.0
96.5	14.85	5.75E-02	157.92	26.599	2.21658	1.86174	0.92	710.8	28.8	31.0
96.5	14.85	5.75E-02	157.92	26.5983	2.21652	1.86169	0.92	710.8	28.8	31.0
96.5	14.85	5.75E-02	157.92	26.5983	2.21652	1.86169	0.92	710.8	28.8	31.0
96.5	14.85	5.66E-02	157.9	26.1604	2.18003	1.83104	0.92	710.8	28.8	31.0
91.5	14.08	2.83E-02	157.93	11.771	0.98092	0.82389	0.92	710.8	28.8	30.9
91.5	14.08	2.83E-02	157.91	11.7693	0.98078	0.82377	0.92	710.8	28.8	30.9
91.5	14.08	2.93E-02	157.9	12.163	1.01358	0.85132	0.92	710.8	28.8	30.9
91.5	14.08	2.89E-02	157.86	12.0177	1.00147	0.84115	0.92	710.8	28.8	30.9
91.5	14.08	3.02E-02	157.87	12.541	1.04508	0.87778	0.92	710.8	28.8	30.2
91.5	14.08	2.77E-02	157.9	11.4996	0.9583	0.80489	0.92	710.8	28.8	30.2
91.5	14.08	2.83E-02	157.93	11.7778	0.98148	0.82436	0.92	710.8	28.8	30.2
91.5	14.08	2.83E-02	157.93	11.7778	0.98148	0.82436	0.92	710.8	28.8	30.2
91.5	14.08	2.83E-02	157.89	11.7745	0.98121	0.82413	0.92	710.8	28.8	30.2
91.5	14.08	2.71E-02	157.9	11.2531	0.93776	0.78764	0.92	710.8	28.8	30.2
91.5	14.08	2.74E-02	157.92	11.3832	0.9486	0.79674	0.92	710.8	28.8	30.2
91.5	14.08	2.77E-02	157.88	11.5098	0.95915	0.80561	0.92	710.8	28.8	30.2
91.5	14.08	2.61E-02	157.88	10.8573	0.90478	0.75993	0.92	710.8	28.8	30.2
91.5	14.08	2.77E-02	157.9	11.5113	0.95928	0.80571	0.92	710.8	28.8	30.2
91.5	14.08	2.83E-02	157.93	11.7747	0.98123	0.82415	0.92	710.8	28.8	31.1
91.5	14.08	2.81E-02	157.87	11.6564	0.97136	0.81586	0.92	710.8	28.8	31.1
91.5	14.08	2.81E-02	157.88	11.6572	0.97144	0.81592	0.92	710.8	28.8	31.1
91.5	14.08	2.71E-02	157.86	11.2639	0.93865	0.78839	0.92	710.8	28.8	31.1
91.5	14.08	2.74E-02	157.86	11.3942	0.94952	0.79751	0.92	710.8	28.8	31.1
91.5	14.08	2.81E-02	157.85	11.6548	0.97123	0.81575	0.92	710.8	28.8	31.1
91.5	14.08	2.81E-02	157.85	11.6548	0.97123	0.81575	0.92	710.8	28.9	31.1
91.5	14.08	2.71E-02	157.92	11.2682	0.93902	0.78869	0.92	710.8	28.9	31.1
91.5	14.08	2.81E-02	157.91	11.6594	0.97161	0.81607	0.92	710.8	28.9	31.1
91.5	14.08	2.81E-02	157.91	11.6594	0.97161	0.81607	0.92	710.8	28.9	31.1
91.5	14.08	2.81E-02	157.91	11.6594	0.97161	0.81607	0.92	710.8	28.9	31.1
91.5	14.08	2.75E-02	157.93	11.4279	0.95232	0.79987	0.92	710.8	28.9	31.1
91.5	14.08	2.78E-02	157.93	11.5582	0.96318	0.80899	0.92	710.8	28.9	31.1
91.5	14.08	2.81E-02	157.92	11.6878	0.97399	0.81807	0.92	710.8	28.9	30.8
91.5	14.08	2.65E-02	157.93	11.0355	0.91962	0.7724	0.92	710.8	28.9	30.8
91.5	14.08	2.78E-02	157.92	11.5572	0.9631	0.80892	0.92	710.8	28.9	30.8
87.0	13.39	1.56E-02	157.9	5.8593	0.48828	0.41011	0.92	710.8	28.9	30.5
87.0	13.39	1.56E-02	157.9	5.8593	0.48828	0.41011	0.92	710.8	28.9	30.5
87.0	13.39	1.53E-02	157.9	5.7414	0.47845	0.40185	0.92	710.8	28.9	30.5
87.0	13.39	1.53E-02	157.9	5.7414	0.47845	0.40185	0.92	710.8	28.9	30.5
87.0	13.39	1.62E-02	157.9	6.0954	0.50795	0.42663	0.92	710.8	28.9	31.0
82.5	12.7	7.01E-03	157.93	2.3673	0.19728	0.1657	0.92	710.8	28.9	31.0
82.5	12.7	7.01E-03	157.93	2.3673	0.19728	0.1657	0.92	710.8	28.9	31.0
82.5	12.7	6.96E-03	157.94	2.3514	0.19595	0.16458	0.92	710.8	28.9	31.0
82.5	12.7	7.33E-03	157.99	2.4767	0.20639	0.17335	0.92	710.8	28.9	31.0
82.5	12.7	7.32E-03	157.97	2.4741	0.20618	0.17317	0.92	710.8	28.9	31.1
77.5	11.93	3.50E-03	158.01	1.0451	0.08709	0.07315	0.92	710.8	28.9	31.1
77.5	11.93	3.50E-03	158.01	1.0451	0.08709	0.07315	0.92	710.8	28.9	31.1
77.5	11.93	3.50E-03	158.01	1.0451	0.08709	0.07315	0.92	710.8	28.9	31.1
77.5	11.93	3.51E-03	158.01	1.046	0.08717	0.07321	0.92	710.8	28.9	31.1
77.5	11.93	3.51E-03	158.01	1.046	0.08717	0.07321	0.92	710.8	28.7	31.4
73.0	11.24	1.99E-03	158.02	0.5256	0.0438	0.03679	0.92	710.8	28.7	31.4
73.0	11.24	1.99E-03	158.02	0.5256	0.0438	0.03679	0.92	710.8	28.7	31.4
73.0	11.24	1.97E-03	158.02	0.5223	0.04352	0.03656	0.92	710.8	28.7	31.4
73.0	11.24	1.99E-03	158.02	0.5255	0.04379	0.03678	0.92	710.8	28.7	31.4
73.0	11.24	2.02E-03	158.02	0.5341	0.04451	0.03738	0.92	710.8	28.7	31.4
68.5	10.54	1.14E-03	158.04	0.2658	0.02215	0.01861	0.92	710.8	28.6	31.4
68.5	10.54	1.12E-03	158.04	0.2622	0.02185	0.01835	0.92	710.8	28.6	31.4
68.5	10.54	1.12E-03	158.04	0.2622	0.02185	0.01835	0.92	710.8	28.6	31.4
68.5	10.54	1.11E-03	158.04	0.2589	0.02157	0.01812	0.92	710.8	28.6	31.4
68.5	10.54	1.11E-03	158.04	0.2589	0.02157	0.01812	0.92	710.8	28.6	31.4

TABLA N° ANEXO C.64: Conductor 6, AAAC 2.90 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.3	21.6	719.5	0.96	34	5.23	2.92	0.1978

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.62	6.07E-01	210.07	525.139	43.76158	36.75599	0.96	721.3	20.3	31.1
114.5	17.62	6.06E-01	210.16	524.7569	43.72975	36.72925	0.96	721.3	20.3	31.1
114.5	17.62	6.06E-01	210.11	524.6152	43.71793	36.71933	0.96	721.3	20.3	31.1
114.5	17.62	6.08E-01	210.34	526.7815	43.89846	36.87096	0.96	721.3	20.3	31.1
114.5	17.62	6.06E-01	210.29	525.5555	43.7963	36.78515	0.96	721.3	20.3	31.1
110.0	16.93	5.92E-01	205.45	462.4709	38.53924	32.36968	0.96	721.3	20.3	31.1
110.0	16.93	5.92E-01	205.36	462.2793	38.52328	32.35627	0.96	721.3	20.3	31.1
110.0	16.93	5.92E-01	205.32	462.362	38.53017	32.36205	0.96	721.3	20.3	31.1
110.0	16.93	5.92E-01	205.32	462.362	38.53017	32.36205	0.96	721.3	20.3	31.1
110.0	16.93	5.92E-01	205.16	461.8719	38.48932	32.32775	0.96	721.3	20.3	31.0
105.0	16.16	5.75E-01	200.24	399.3015	33.27512	27.94826	0.96	721.3	20.3	31.0
105.0	16.16	5.75E-01	200.24	399.3015	33.27512	27.94826	0.96	721.3	20.3	31.0
105.0	16.16	5.75E-01	200.25	399.3352	33.27794	27.95063	0.96	721.3	20.3	31.0
105.0	16.16	5.75E-01	200.25	399.3199	33.27666	27.94955	0.96	721.3	20.3	31.0
105.0	16.16	5.75E-01	200.36	399.1005	33.25837	27.93419	0.96	721.3	20.3	31.0
100.5	15.47	5.60E-01	195.71	347.985	28.99875	24.35648	0.96	721.3	20.3	31
100.5	15.47	5.64E-01	196.02	350.8803	29.24002	24.55912	0.96	721.3	20.3	31
100.5	15.47	5.60E-01	195.7	347.9263	28.99386	24.35237	0.96	721.3	20.3	31
100.5	15.47	5.62E-01	195.8	349.2761	29.10634	24.44684	0.96	721.3	20.3	31
100.5	15.47	5.62E-01	195.8	349.2761	29.10634	24.44684	0.96	721.3	20.3	31
96.0	14.78	5.40E-01	189.88	296.803	24.73358	20.7741	0.96	721.3	20.3	31.0
96.0	14.78	5.40E-01	189.87	296.8334	24.73612	20.77623	0.96	721.3	20.3	31.0
96.0	14.78	5.40E-01	189.73	296.625	24.71875	20.76164	0.96	721.3	20.3	31.0
96.0	14.78	5.39E-01	189.65	296.0102	24.66752	20.71861	0.96	721.3	20.3	31.0
96.0	14.78	5.39E-01	189.6	296.1184	24.67654	20.72619	0.96	721.3	20.3	31.0
91.5	14.08	5.22E-01	184.98	254.1675	21.18063	17.78992	0.96	721.3	20.3	31.0
91.5	14.08	5.22E-01	184.98	254.164	21.18034	17.78967	0.96	721.3	20.3	31.0
91.5	14.08	5.21E-01	184.91	253.6354	21.13629	17.75268	0.96	721.3	20.3	31.0
91.5	14.08	5.21E-01	184.91	253.6389	21.13658	17.75292	0.96	721.3	20.3	31.0
91.5	14.08	5.21E-01	184.91	253.6456	21.13714	17.75339	0.96	721.3	20.3	31.0
91.5	14.08	5.21E-01	184.95	253.4956	21.12463	17.74289	0.96	721.3	20.3	31.0
91.5	14.08	5.21E-01	185.07	253.9398	21.16165	17.77398	0.96	721.3	20.3	31.0
91.5	14.08	5.20E-01	184.84	253.032	21.086	17.71044	0.96	721.3	20.3	31.0
91.5	14.08	5.22E-01	184.98	254.1125	21.17604	17.78607	0.96	721.3	20.3	31.0
91.5	14.08	5.20E-01	184.84	253.0299	21.08582	17.71029	0.96	721.3	20.3	31.0
91.5	14.08	5.23E-01	185.06	254.608	21.21733	17.82075	0.96	721.3	20.3	31.0
91.5	14.08	5.21E-01	184.9	253.5607	21.13006	17.74744	0.96	721.3	20.3	31.0
91.5	14.08	5.22E-01	184.75	253.8476	21.15396	17.76752	0.96	721.3	20.3	31.0
91.5	14.08	5.23E-01	184.94	254.7454	21.22878	17.83037	0.96	721.3	20.3	31.0
91.5	14.08	5.19E-01	184.58	252.0928	21.00773	17.6447	0.96	721.3	20.3	31.0
91.5	14.08	5.19E-01	184.58	252.0928	21.00773	17.6447	0.96	721.3	20.3	31.0
91.5	14.08	5.18E-01	184.69	251.9183	20.99319	17.63249	0.96	721.3	20.3	31.0
91.5	14.08	5.18E-01	184.69	251.9183	20.99319	17.63249	0.96	721.3	20.3	31.0
91.5	14.08	5.19E-01	184.59	252.13	21.01084	17.64731	0.96	721.3	20.3	31.0
91.5	14.08	5.18E-01	184.36	251.2113	20.93428	17.583	0.96	721.3	20.3	31.0
91.5	14.08	5.19E-01	184.99	252.6978	21.05815	17.68705	0.96	721.3	20.3	31.0
91.5	14.08	5.19E-01	184.99	252.695	21.05792	17.68685	0.96	721.3	20.3	31.0
91.5	14.08	5.19E-01	184.99	252.695	21.05792	17.68685	0.96	721.3	20.3	31.0
91.5	14.08	5.21E-01	185.3	254.3086	21.19239	17.7998	0.96	721.3	20.3	31.0
91.5	14.08	5.23E-01	185.31	254.9416	21.24513	17.8441	0.96	721.3	20.3	31.0
91.5	14.08	5.21E-01	185.2	253.8223	21.15186	17.76576	0.96	721.3	20.3	31.0
91.5	14.08	5.20E-01	185.27	253.6167	21.13472	17.75136	0.96	721.3	20.2	30.7
91.5	14.08	5.21E-01	185.17	253.7977	21.14981	17.76403	0.96	721.3	20.2	30.7
91.5	14.08	5.20E-01	184.94	252.888	21.074	17.70036	0.96	721.3	20.2	30.7
91.5	14.08	5.21E-01	185.1	253.9709	21.16424	17.77616	0.96	721.3	20.2	30.7
87.0	13.39	5.03E-01	179.69	214.8564	17.9047	15.03842	0.96	721.3	20.2	30.7
87.0	13.39	5.03E-01	179.68	214.9062	17.90885	15.04191	0.96	721.3	20.2	30.7
87.0	13.39	5.02E-01	179.72	214.857	17.90475	15.03846	0.96	721.3	20.2	30.7
87.0	13.39	5.01E-01	179.6	213.9162	17.82635	14.97261	0.96	721.3	20.2	30.7
87.0	13.39	5.03E-01	179.82	215.2478	17.93732	15.06582	0.96	721.3	20.2	30.7
82.5	12.7	4.75E-01	173.76	176.6529	14.72108	12.36445	0.96	721.3	20.2	30.7
82.5	12.7	4.75E-01	173.76	176.6479	14.72066	12.36409	0.96	721.3	20.2	30.7
82.5	12.7	4.75E-01	173.83	176.5636	14.71363	12.3582	0.96	721.3	20.2	30.7
82.5	12.7	4.75E-01	173.83	176.5636	14.71363	12.3582	0.96	721.3	20.2	30.7
82.5	12.7	4.74E-01	173.75	176.2255	14.68546	12.33453	0.96	721.3	20.2	30.7
77.5	11.93	4.42E-01	167.8	140.0358	11.66965	9.80151	0.96	721.3	20.1	30.7
77.5	11.93	4.43E-01	167.88	140.3037	11.69197	9.82026	0.96	721.3	20.1	30.7
77.5	11.93	4.40E-01	167.6	139.1481	11.59567	9.73938	0.96	721.3	20.1	30.7
77.5	11.93	4.36E-01	167.27	137.6824	11.47353	9.63679	0.96	721.3	20.1	30.7
77.5	11.93	4.33E-01	167.08	136.4819	11.3735	9.55277	0.96	721.3	20.1	30.7
73.0	11.24	3.98E-01	162.41	108.3987	9.03322	7.58714	0.96	721.3	20.1	30.7
73.0	11.24	3.94E-01	162.35	107.0791	8.92326	7.49478	0.96	721.3	20.1	30.7
73.0	11.24	3.95E-01	162.18	107.36	8.94667	7.51444	0.96	721.3	20.1	30.7
73.0	11.24	3.95E-01	162.24	107.2553	8.93794	7.50711	0.96	721.3	20.1	30.7
73.0	11.24	3.97E-01	162.3	107.8096	8.98414	7.54591	0.97	721.3	20.0	30.5
68.5	10.54	3.55E-01	158.52	82.9249	6.91041	5.80415	0.97	721.3	20.0	30.5
68.5	10.54	3.54E-01	158.33	82.6095	6.88412	5.78207	0.97	721.3	20.0	30.5
68.5	10.54	3.54E-01	158.48	82.7265	6.89388	5.79027	0.97	721.3	20.0	30.5
68.5	10.54	3.56E-01	158.54	83.2274	6.93562	5.82533	0.97	721.3	20.0	30.5
68.5	10.54	3.58E-01	158.57	83.7988	6.98323	5.86532	0.96	721.3	20.1	30.5

TABLA N° ANEXO C.65: Conductor 6, AAAC 2.90 cm.

Muestra 2. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
25.6	30.3	711.2	0.92	131.6	20.26	2.92	0.794

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
128.0	19.70	7.54E-05	149.92	0.0582	0.00485	0.00408	0.91	709.2	31.6	20.5
128.0	19.70	7.54E-05	149.92	0.0582	0.00485	0.00408	0.91	709.2	31.6	20.5
128.0	19.70	7.54E-05	149.92	0.0582	0.00485	0.00408	0.91	709.2	31.6	20.5
128.0	19.70	7.54E-05	149.92	0.0582	0.00485	0.00408	0.91	709.2	31.6	20.5
128.0	19.70	8.01E-05	149.92	0.0619	0.00515	0.00433	0.91	709.2	31.6	20.5
123.5	19.01	3.53E-05	149.92	0.0254	0.00212	0.00178	0.91	709.2	31.2	21.1
123.5	19.01	5.97E-05	149.92	0.0429	0.00358	0.003	0.91	709.2	31.2	21.1
123.5	19.01	4.87E-05	149.92	0.035	0.00292	0.00245	0.91	709.2	31.2	21.1
123.5	19.01	3.30E-05	149.92	0.0237	0.00198	0.00166	0.91	709.2	31.2	21.0
123.5	19.01	5.42E-05	149.92	0.039	0.00325	0.00273	0.91	709.2	31.2	21.0
119.0	18.32	5.03E-05	149.92	0.0335	0.0028	0.00235	0.91	709.2	31.2	21.0
119.0	18.32	5.03E-05	149.92	0.0335	0.0028	0.00235	0.91	709.2	31.2	21.0
119.0	18.32	5.03E-05	149.92	0.0335	0.0028	0.00235	0.91	709.2	31.2	21.0
119.0	18.32	5.03E-05	149.92	0.0335	0.0028	0.00235	0.91	709.2	31.2	21.0
119.0	18.32	5.03E-05	149.92	0.0335	0.0028	0.00235	0.91	709.2	31.2	20.8
114.5	17.62	5.58E-05	149.92	0.0345	0.00287	0.00241	0.91	709.2	31.2	20.8
114.5	17.62	3.22E-05	149.92	0.0199	0.00166	0.00139	0.91	709	31.2	20.8
114.5	17.62	3.22E-05	149.92	0.0199	0.00166	0.00139	0.91	709	31.2	20.8
114.5	17.62	3.22E-05	149.92	0.0199	0.00166	0.00139	0.91	709	31.2	20.8
114.5	17.62	3.22E-05	149.92	0.0199	0.00166	0.00139	0.91	709	31.2	20.8
110.0	16.93	3.22E-05	149.92	0.0184	0.00153	0.00129	0.91	709	31.2	20.8
110.0	16.93	3.22E-05	149.92	0.0184	0.00153	0.00129	0.91	709	31.2	20.8
110.0	16.93	3.22E-05	149.92	0.0184	0.00153	0.00129	0.91	709	31.2	22.2
110.0	16.93	3.22E-05	149.92	0.0184	0.00153	0.00129	0.91	709	31.2	22.2
110.0	16.93	3.22E-05	149.92	0.0184	0.00153	0.00129	0.91	709	31.2	22.2
105.0	16.16	3.22E-05	149.92	0.0167	0.00139	0.00117	0.91	709	31.2	22.2
105.0	16.16	3.22E-05	149.92	0.0167	0.00139	0.00117	0.91	709	31.2	20.7
105.0	16.16	3.22E-05	149.92	0.0167	0.00139	0.00117	0.91	709	31.2	20.7
105.0	16.16	3.22E-05	149.92	0.0167	0.00139	0.00117	0.91	709	31.2	20.7
105.0	16.16	3.22E-05	149.92	0.0167	0.00139	0.00117	0.91	709	31.2	20.7
100.5	15.47	3.22E-05	149.92	0.0153	0.00128	0.00107	0.91	709	31.2	20.7
100.5	15.47	3.22E-05	149.92	0.0153	0.00128	0.00107	0.91	709	31.2	21.0
100.5	15.47	4.32E-05	149.91	0.0206	0.00171	0.00144	0.91	708.5	31.2	21.0
100.5	15.47	3.22E-05	149.91	0.0153	0.00128	0.00107	0.91	708.5	31.2	21.0
100.5	15.47	3.22E-05	149.91	0.0153	0.00128	0.00107	0.91	708.5	31.2	21.0
96.0	14.78	3.19E-05	149.92	0.0138	0.00115	0.00097	0.91	708.5	31.2	21.0
96.0	14.78	3.22E-05	149.92	0.014	0.00117	0.00098	0.91	708.5	31.2	21.0
96.0	14.78	3.46E-05	149.91	0.015	0.00125	0.00105	0.91	708.5	31.2	20.8
96.0	14.78	3.46E-05	149.91	0.015	0.00125	0.00105	0.91	708.5	31.2	20.8
96.0	14.78	4.32E-05	149.92	0.0188	0.00156	0.00131	0.91	708.5	31.2	20.8
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	20.8
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	20.9
91.5	14.08	4.32E-05	149.91	0.017	0.00142	0.00119	0.91	708.5	31.2	20.9
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	20.9
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	20.9
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	20.9
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.38E-05	149.91	0.0133	0.00111	0.00093	0.91	708.5	31.2	21.1
91.5	14.08	3.77E-05	149.91	0.0149	0.00124	0.00104	0.91	708.5	31.2	21.1
91.5	14.08	3.14E-05	149.91	0.0124	0.00103	0.00087	0.91	708.5	31.2	21.1
91.5	14.08	3.14E-05	149.91	0.0124	0.00103	0.00087	0.91	708.5	31.2	21.8
91.5	14.08	3.46E-05	149.91	0.0136	0.00114	0.00095	0.91	708.5	31.2	21.8
91.5	14.08	3.46E-05	149.91	0.0136	0.00114	0.00095	0.91	708.5	31.2	21.8
91.5	14.08	3.46E-05	149.91	0.0136	0.00114	0.00095	0.91	708.5	31.2	21.8
91.5	14.08	3.46E-05	149.91	0.0136	0.00114	0.00095	0.91	708.5	31.2	21.8
91.5	14.08	3.46E-05	149.91	0.0136	0.00114	0.00095	0.91	708.5	31.2	21.8
91.5	14.08	3.06E-05	149.91	0.0121	0.00101	0.00085	0.91	708.5	31.2	21.8
91.5	14.08	2.51E-05	149.91	0.0099	0.00083	0.00069	0.91	708.5	31.2	21.8
91.5	14.08	2.51E-05	149.91	0.0099	0.00083	0.00069	0.91	708.5	31.2	21.8
91.5	14.08	4.71E-05	149.91	0.0186	0.00155	0.0013	0.91	708.5	31.2	21.8
91.5	14.08	2.51E-05	149.91	0.0099	0.00083	0.00069	0.91	708.5	31.2	21.8
87.0	13.39	2.98E-05	149.91	0.0106	0.00089	0.00075	0.91	708.5	31.2	21.8
87.0	13.39	3.61E-05	149.91	0.0129	0.00107	0.0009	0.91	708.5	31.2	21.8
87.0	13.39	3.14E-05	149.91	0.0112	0.00093	0.00078	0.91	708.5	31.2	21.8
87.0	13.39	3.14E-05	149.91	0.0112	0.00093	0.00078	0.91	708.5	31.2	21.8
87.0	13.39	3.14E-05	149.91	0.0112	0.00093	0.00078	0.91	708.5	31.2	21.8
82.5	12.70	2.75E-05	149.91	0.0088	0.00073	0.00062	0.91	708.5	31.2	21.8
82.5	12.70	2.75E-05	149.91	0.0088	0.00073	0.00062	0.91	708.5	31.2	21.8
82.5	12.70	2.75E-05	149.91	0.0088	0.00073	0.00062	0.91	708.5	31.2	21.8
82.5	12.70	1.81E-05	149.91	0.0058	0.00048	0.00041	0.91	708.5	31.2	21.8
82.5	12.70	1.21E-05	149.91	0.0039	0.00032	0.00027	0.91	708.5	31.2	21.8

TABLA N° ANEXO C.66: Conductor 6, AAAC 2.90 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
22	25.7	711	0.93	100	15.39	2.92	0.5953

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{80}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.62	3.12E-01	158.19	203.6409	16.97008	14.25342	0.92	709	28.1	19.2
114.5	17.62	3.12E-01	158.19	203.6409	16.97008	14.25342	0.92	709	28.1	19.2
114.5	17.62	3.09E-01	158.47	201.9519	16.82933	14.13520	0.92	709	28.1	19.2
114.5	17.62	3.06E-01	158.47	200.0912	16.67426	14.00496	0.92	709	28.1	19.2
114.5	17.62	3.10E-01	158.45	202.1196	16.8433	14.14693	0.92	709	28.1	19.2
110.0	16.93	2.28E-01	154.34	133.7587	11.14656	9.36216	0.92	709	28.3	19.5
110.0	16.93	2.20E-01	154.38	129.1815	10.76513	9.04179	0.92	709	28.3	19.5
110.0	16.93	2.23E-01	154.18	130.8527	10.90439	9.15876	0.92	709	28.3	19.5
110.0	16.93	2.20E-01	154.38	129.1815	10.76513	9.04179	0.92	709	28.3	19.5
110.0	16.93	2.23E-01	154.16	131.0195	10.91829	9.17043	0.92	709	28.2	18.6
105.0	16.16	1.10E-01	151.75	57.6982	4.80819	4.03847	0.92	709	28.2	18.6
105.0	16.16	9.93E-02	151.85	52.2813	4.35678	3.65932	0.92	709	28.2	18.6
105.0	16.16	1.09E-01	151.34	57.0474	4.75395	3.99291	0.92	709	28.2	18.6
105.0	16.16	1.03E-01	151.52	53.9839	4.49866	3.77849	0.92	709	28.2	18.6
105.0	16.16	9.97E-02	151.62	52.367	4.36392	3.66532	0.92	709	28.5	18.5
100.5	15.47	1.45E-02	151.11	6.964	0.58033	0.48743	0.92	709	28.5	18.5
100.5	15.47	1.51E-02	151.11	7.2653	0.60545	0.50852	0.92	709	28.5	18.5
100.5	15.47	1.70E-02	151.32	8.181	0.68175	0.57261	0.92	709	28.5	18.5
100.5	15.47	1.61E-02	151.1	7.7173	0.64311	0.54015	0.92	709	28.5	18.5
100.5	15.47	1.61E-02	151.1	7.7173	0.64311	0.54015	0.92	709	28.4	19
96.0	14.78	2.84E-04	151.23	0.1246	0.01038	0.00872	0.92	709	28.4	19.0
96.0	14.78	2.83E-04	151.23	0.1239	0.01032	0.00867	0.92	709	28.4	19.0
96.0	14.78	2.42E-04	151.23	0.106	0.00883	0.00742	0.92	709	28.4	19.0
96.0	14.78	2.42E-04	151.23	0.106	0.00883	0.00742	0.92	709	28.4	19.0
96.0	14.78	2.42E-04	151.23	0.106	0.00883	0.00742	0.92	709	28.3	18.0
91.5	14.08	2.23E-04	151.23	0.0888	0.0074	0.00621	0.92	709	28.3	18.0
91.5	14.08	2.23E-04	151.29	0.0888	0.0074	0.00622	0.92	709	28.3	18.0
91.5	14.08	2.16E-04	151.24	0.086	0.00716	0.00602	0.92	709	28.3	18.0
91.5	14.08	2.16E-04	151.24	0.086	0.00716	0.00602	0.92	709	28.3	18.0
91.5	14.08	2.10E-04	151.24	0.0835	0.00696	0.00584	0.92	709	28.3	18.0
91.5	14.08	2.10E-04	151.24	0.0835	0.00696	0.00584	0.92	709	28.3	18.0
91.5	14.08	2.20E-04	151.24	0.0875	0.00729	0.00613	0.92	709	28.3	18.0
91.5	14.08	2.20E-04	151.24	0.0875	0.00729	0.00613	0.92	709	28.3	18.0
91.5	14.08	2.20E-04	151.24	0.0875	0.00729	0.00613	0.92	708.8	28.6	17.7
91.5	14.08	2.20E-04	151.24	0.0875	0.00729	0.00613	0.92	708.8	28.6	17.7
91.5	14.08	2.20E-04	151.24	0.0875	0.00729	0.00613	0.92	708.8	28.6	17.7
91.5	14.08	2.49E-04	151.24	0.0991	0.00826	0.00694	0.92	708.8	28.6	17.7
91.5	14.08	2.19E-04	151.24	0.0872	0.00727	0.00611	0.92	708.8	28.6	17.7
91.5	14.08	2.38E-04	151.24	0.0947	0.00789	0.00663	0.92	708.8	28.6	17.7
91.5	14.08	2.38E-04	151.24	0.0947	0.00789	0.00663	0.92	708.8	28.6	17.4
91.5	14.08	2.43E-04	151.24	0.0966	0.00805	0.00676	0.92	708.8	28.6	17.4
91.5	14.08	2.43E-04	151.24	0.0966	0.00805	0.00676	0.92	708.8	28.6	17.4
91.5	14.08	2.12E-04	151.24	0.0844	0.00703	0.00591	0.92	708.8	28.6	17.4
91.5	14.08	2.12E-04	151.24	0.0844	0.00703	0.00591	0.92	708.8	28.6	17.4
91.5	14.08	2.58E-04	151.24	0.1025	0.00855	0.00718	0.92	708.8	28.6	17.4
91.5	14.08	2.58E-04	151.24	0.1025	0.00855	0.00718	0.92	708.8	28.6	17.4
91.5	14.08	2.58E-04	151.24	0.1025	0.00855	0.00718	0.92	708.8	28.6	17.4
91.5	14.08	2.58E-04	151.24	0.1025	0.00855	0.00718	0.92	708.8	28.6	17.4
91.5	14.08	2.58E-04	151.24	0.1025	0.00855	0.00718	0.92	708.8	28.8	17.6
91.5	14.08	2.46E-04	151.23	0.0979	0.00815	0.00685	0.92	708.8	28.8	17.6
91.5	14.08	2.45E-04	151.22	0.0975	0.00813	0.00683	0.92	708.8	28.8	17.6
91.5	14.08	2.45E-04	151.22	0.0975	0.00813	0.00683	0.92	708.8	28.8	17.6
91.5	14.08	2.47E-04	151.24	0.0985	0.00821	0.00689	0.92	708.8	28.8	17.6
91.5	14.08	2.47E-04	151.24	0.0985	0.00821	0.00689	0.92	708.8	28.8	17.6
91.5	14.08	2.47E-04	151.24	0.0985	0.00821	0.00689	0.92	708.8	28.9	17.3
87.0	13.39	2.07E-04	151.24	0.0746	0.00622	0.00522	0.92	708.8	28.9	17.3
87.0	13.39	2.07E-04	151.24	0.0746	0.00622	0.00522	0.92	708.8	28.9	17.3
87.0	13.39	2.07E-04	151.24	0.0746	0.00622	0.00522	0.92	708.8	28.9	17.3
87.0	13.39	2.07E-04	151.24	0.0746	0.00622	0.00522	0.92	708.8	28.9	17.3
87.0	13.39	2.15E-04	151.24	0.0774	0.00645	0.00542	0.92	708.9	29.0	17.8
82.5	12.7	1.83E-04	151.24	0.0591	0.00493	0.00414	0.92	708.9	29.0	17.8
82.5	12.7	1.83E-04	151.24	0.0591	0.00493	0.00414	0.92	708.9	29.0	17.8
82.5	12.7	1.83E-04	151.24	0.0591	0.00493	0.00414	0.92	708.9	29.0	17.8
82.5	12.7	1.76E-04	151.24	0.057	0.00475	0.00399	0.92	708.9	29.0	17.8
82.5	12.7	1.76E-04	151.24	0.057	0.00475	0.00399	0.92	708.9	29.0	17.1
77.5	11.93	1.76E-04	151.24	0.0503	0.00419	0.00352	0.92	708.9	29.0	17.1
77.5	11.93	1.76E-04	151.24	0.0503	0.00419	0.00352	0.92	708.9	29.0	17.1
77.5	11.93	1.76E-04	151.24	0.0503	0.00419	0.00352	0.92	708.9	29.0	17.1
77.5	11.93	1.69E-04	151.24	0.0482	0.00401	0.00337	0.92	708.9	29.0	17.1
77.5	11.93	1.69E-04	151.24	0.0482	0.00401	0.00337	0.92	708.9	28.9	16.9
73.0	11.24	1.69E-04	151.24	0.0427	0.00356	0.00299	0.92	708.9	28.9	16.9
73.0	11.24	1.76E-04	151.23	0.0445	0.00371	0.00311	0.92	708.9	28.9	16.9
73.0	11.24	1.45E-04	151.24	0.0366	0.00305	0.00256	0.92	708.9	28.9	16.9
73.0	11.24	1.45E-04	151.24	0.0366	0.00305	0.00256	0.92	708.9	28.9	16.9
73.0	11.24	1.45E-04	151.24	0.0366	0.00305	0.00256	0.92	708.9	29.0	17.3
68.5	10.54	1.45E-04	151.24	0.0322	0.00269	0.00226	0.92	708.9	29.0	17.3
68.5	10.54	1.45E-04	151.24	0.0322	0.00269	0.00226	0.92	708.9	29.0	17.3
68.5	10.54	1.68E-04	151.21	0.0376	0.00313	0.00263	0.92	708.9	29.0	17.3
68.5	10.54	1.71E-04	151.24	0.0381	0.00317	0.00267	0.92	708.9	29.0	17.3
68.5	10.54	1.72E-04	151.21	0.0385	0.00321	0.00269	0.92	708.9	29.0	17.0

TABLA N° ANEXO C.67: Conductor 6, AAAC 2.90 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
37.8	28.8	708.4	0.92	69.25	10.66	2.92	0.4174

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.62	2.97E-01	154.99	189.8895	15.82413	13.29092	0.91	705.4	31.2	22.9
114.5	17.62	2.96E-01	154.82	189.0812	15.75677	13.23434	0.91	705.4	31.2	22.9
114.5	17.62	2.98E-01	154.96	190.0576	15.83813	13.30268	0.91	705.4	31.2	22.9
114.5	17.62	2.98E-01	154.96	190.0576	15.83813	13.30268	0.91	705.4	31.2	22.9
114.5	17.62	2.98E-01	154.93	190.2255	15.85213	13.31443	0.91	705.4	31.2	22.9
110.0	16.93	2.28E-01	152.95	132.9228	11.0769	9.30365	0.91	705.4	31.2	22.9
110.0	16.93	2.28E-01	154.37	134.1559	11.17966	9.38996	0.91	705.4	31.2	22.9
110.0	16.93	2.27E-01	154.47	133.3242	11.11035	9.33175	0.91	705.4	31.2	22.9
110.0	16.93	2.25E-01	154.34	132.2862	11.02385	9.25909	0.91	705.4	31.2	22.9
110.0	16.93	2.27E-01	154.21	133.2846	11.10705	9.32898	0.91	705.4	32.0	22.7
105.0	16.16	1.77E-01	154.64	94.6695	7.88912	6.62619	0.91	705.4	32.0	22.7
105.0	16.16	1.78E-01	154.57	95.3018	7.94182	6.67045	0.91	705.4	32.0	22.7
105.0	16.16	1.74E-01	154.52	93.4191	7.78493	6.53867	0.91	705.4	32.0	22.7
105.0	16.16	1.74E-01	154.52	93.4191	7.78493	6.53867	0.91	705.4	32.0	22.7
105.0	16.16	1.74E-01	154.52	93.4191	7.78493	6.53867	0.91	705.4	32.0	22.7
100.5	15.47	1.01E-01	156.91	50.126	4.17717	3.50847	0.91	705.4	32.0	22.7
100.5	15.47	1.02E-01	156.88	50.5861	4.2155	3.54066	0.91	705.4	32.0	22.7
100.5	15.47	1.00E-01	156.93	49.8192	4.1516	3.48699	0.91	705.4	32.0	22.7
100.5	15.47	9.81E-02	156.99	48.898	4.07484	3.42251	0.91	705.4	32.0	22.7
100.5	15.47	8.90E-02	157.02	44.3647	3.69706	3.10522	0.9	705.4	33.0	22.1
96.5	14.85	4.54E-02	157.65	20.9515	1.74596	1.46646	0.9	705.4	33.0	22.1
96.5	14.85	4.54E-02	157.65	20.9515	1.74596	1.46646	0.9	705.4	33.0	22.1
96.5	14.85	4.54E-02	157.65	20.9515	1.74596	1.46646	0.9	705.4	33.0	22.1
96.5	14.85	4.54E-02	157.65	20.9515	1.74596	1.46646	0.9	705.4	33.0	22.1
96.5	14.85	4.54E-02	157.65	20.9515	1.74596	1.46646	0.9	705.4	33.0	22.1
91.5	14.08	2.43E-02	157.68	10.1047	0.84205	0.70725	0.91	705.5	32.2	18.7
91.5	14.08	2.43E-02	157.68	10.1047	0.84205	0.70725	0.91	705.5	32.2	18.7
91.5	14.08	2.43E-02	157.68	10.1047	0.84205	0.70725	0.91	705.5	32.2	18.7
91.5	14.08	2.47E-02	157.74	10.2387	0.85322	0.71664	0.91	705.5	32.2	18.7
91.5	14.08	2.47E-02	157.74	10.2387	0.85322	0.71664	0.91	705.5	32.2	18.7
91.5	14.08	2.43E-02	157.77	10.1103	0.84253	0.70765	0.91	705.5	32.2	18.7
91.5	14.08	2.50E-02	157.75	10.3696	0.86413	0.7258	0.91	705.5	32.0	22.5
91.5	14.08	2.43E-02	157.75	10.109	0.84242	0.70756	0.91	705.5	32.0	22.5
91.5	14.08	2.43E-02	157.75	10.109	0.84242	0.70756	0.91	705.5	32.0	22.5
91.5	14.08	2.50E-02	157.75	10.3696	0.86413	0.7258	0.91	705.5	32.0	22.5
91.5	14.08	2.56E-02	157.81	10.6346	0.88622	0.74435	0.91	705.5	32.0	22.5
91.5	14.08	2.59E-02	157.76	10.7617	0.8968	0.75324	0.91	705.4	32.0	22.9
91.5	14.08	2.56E-02	157.76	10.6314	0.88595	0.74412	0.91	705.4	32.0	22.9
91.5	14.08	2.59E-02	157.74	10.7605	0.89671	0.75316	0.91	705.4	32.0	22.8
91.5	14.08	2.61E-02	157.74	10.8478	0.90398	0.75927	0.91	705.4	32.0	22.8
91.5	14.08	2.40E-02	157.72	9.9762	0.83135	0.69826	0.91	705.4	32.0	22.8
91.5	14.08	2.50E-02	157.71	10.367	0.86391	0.72561	0.91	705.4	32.0	22.8
91.5	14.08	2.50E-02	157.71	10.367	0.86391	0.72561	0.91	705.4	32.0	22.8
91.5	14.08	2.50E-02	157.71	10.367	0.86391	0.72561	0.91	705.4	32.0	22.8
91.5	14.08	2.47E-02	157.71	10.2367	0.85306	0.7165	0.91	705.4	32.0	22.8
91.5	14.08	2.53E-02	157.71	10.4972	0.87477	0.73473	0.91	705.4	32.0	22.8
91.5	14.08	2.53E-02	157.71	10.4972	0.87477	0.73473	0.91	705.4	32.0	22.8
91.5	14.08	2.47E-02	157.74	10.2384	0.8532	0.71662	0.91	705.4	32.0	22.8
91.5	14.08	2.56E-02	157.73	10.6292	0.88577	0.74397	0.91	705.5	32.0	21.9
91.5	14.08	2.56E-02	157.73	10.6292	0.88577	0.74397	0.91	705.5	32.0	21.9
91.5	14.08	2.59E-02	157.7	10.7573	0.89644	0.75294	0.91	705.5	32.0	21.9
91.5	14.08	2.59E-02	157.77	10.7624	0.89686	0.75329	0.91	705.5	32.0	21.9
91.5	14.08	2.59E-02	157.77	10.7624	0.89686	0.75329	0.91	705.5	32.0	21.9
91.5	14.08	2.56E-02	157.77	10.6321	0.88601	0.74417	0.91	705.5	32.0	21.9
91.5	14.08	2.62E-02	157.85	10.8987	0.90823	0.76283	0.91	705.5	32.0	21.9
87.0	13.39	1.33E-02	157.88	4.9805	0.41504	0.3486	0.91	705.5	32.0	22.2
87.0	13.39	1.29E-02	157.88	4.8625	0.40521	0.34034	0.91	705.5	32.0	22.2
87.0	13.39	1.29E-02	157.88	4.8625	0.40521	0.34034	0.91	705.5	32.0	22.2
87.0	13.39	1.29E-02	157.93	4.8639	0.40532	0.34044	0.91	705.5	32.0	22.2
87.0	13.39	1.31E-02	157.9	4.9173	0.40977	0.34417	0.91	705.5	32.0	22.2
82.5	12.7	6.76E-03	157.98	2.2863	0.19053	0.16003	0.91	705.4	31.9	22.8
82.5	12.7	6.86E-03	157.98	2.3192	0.19327	0.16233	0.91	705.4	31.9	22.8
82.5	12.7	6.85E-03	157.97	2.3171	0.19309	0.16218	0.91	705.4	31.9	22.8
82.5	12.7	6.79E-03	157.97	2.2958	0.19132	0.16069	0.91	705.4	31.9	22.8
82.5	12.7	6.81E-03	157.97	2.3011	0.19176	0.16106	0.91	705.4	31.9	22.8
77.5	11.93	3.27E-03	157.97	0.9755	0.08129	0.06828	0.91	705.4	31.9	22.3
77.5	11.93	3.27E-03	157.97	0.9755	0.08129	0.06828	0.91	705.4	31.9	22.3
77.5	11.93	3.25E-03	157.98	0.968	0.08067	0.06776	0.91	705.4	31.9	22.3
77.5	11.93	3.21E-03	157.98	0.9568	0.07973	0.06697	0.91	705.4	31.9	22.3
77.5	11.93	3.28E-03	157.98	0.9774	0.08145	0.06841	0.91	705.4	31.9	22.3
73.0	11.24	1.97E-03	157.98	0.5205	0.04337	0.03643	0.91	705.4	31.8	22.4
73.0	11.24	1.97E-03	157.98	0.5205	0.04337	0.03643	0.91	705.4	31.8	22.4
73.0	11.24	1.88E-03	157.98	0.4972	0.04143	0.0348	0.91	705.4	31.8	22.4
73.0	11.24	1.88E-03	157.98	0.4972	0.04143	0.0348	0.91	705.4	31.8	22.4
73.0	11.24	1.88E-03	157.98	0.4972	0.04143	0.0348	0.91	705.4	31.8	22.4
68.5	10.54	1.23E-03	157.97	0.2877	0.02398	0.02014	0.91	705.5	31.9	22.6
68.5	10.54	1.23E-03	157.97	0.2877	0.02398	0.02014	0.91	705.5	31.9	22.6
68.5	10.54	1.26E-03	157.98	0.2928	0.0244	0.0205	0.91	705.5	31.9	22.6
68.5	10.54	1.23E-03	157.98	0.2855	0.02379	0.01998	0.91	705.5	31.9	22.6
68.5	10.54	1.23E-03	157.96	0.2855	0.02379	0.01998	0.91	705.5	31.9	22.6

TABLA N° ANEXO C.68: Conductor 6, AAAC 2.90 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
27.6	26.5	711.8	0.93	135.5	20.86	2.92	0.8077

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
128.0	19.70	4.12E-05	149.93	0.0318	0.00265	0.00222	0.93	712.5	26.0	28.0
128.0	19.70	4.12E-05	149.92	0.0318	0.00265	0.00222	0.93	712.5	26.0	28.0
128.0	19.70	4.34E-05	149.92	0.0335	0.00279	0.00234	0.93	712.5	26.0	28.0
128.0	19.70	4.34E-05	149.92	0.0335	0.00279	0.00234	0.93	712.5	26.0	28.0
128.0	19.70	3.99E-05	149.92	0.0308	0.00257	0.00216	0.93	712.5	26.0	28.0
123.5	19.01	3.90E-05	149.92	0.028	0.00233	0.00196	0.93	712.3	26.0	28.2
123.5	19.01	3.90E-05	149.92	0.028	0.00233	0.00196	0.93	712.3	26.0	28.2
123.5	19.01	3.90E-05	149.92	0.028	0.00233	0.00196	0.93	712.3	26.0	28.2
123.5	19.01	3.90E-05	149.92	0.028	0.00233	0.00196	0.93	712.3	26.0	28.2
123.5	19.01	3.17E-05	149.92	0.0228	0.0019	0.0016	0.93	712.3	26.0	28.4
119.0	18.32	3.11E-05	149.92	0.0208	0.00173	0.00145	0.93	712.3	26.0	28.4
119.0	18.32	3.11E-05	149.92	0.0208	0.00173	0.00145	0.93	712.3	26.0	28.4
119.0	18.32	3.11E-05	149.92	0.0208	0.00173	0.00145	0.93	712.3	26.0	28.4
119.0	18.32	3.33E-05	149.92	0.0222	0.00185	0.00156	0.93	712.3	26.0	28.4
119.0	18.32	3.14E-05	149.92	0.021	0.00175	0.00147	0.93	712.3	26.0	28.4
114.5	17.62	4.24E-05	149.92	0.0262	0.00218	0.00183	0.93	712.3	25.9	28.5
114.5	17.62	4.24E-05	149.92	0.0262	0.00218	0.00183	0.93	712.3	25.9	28.5
114.5	17.62	3.20E-05	149.92	0.0198	0.00165	0.00139	0.93	712.3	25.9	28.5
114.5	17.62	3.20E-05	149.92	0.0198	0.00165	0.00139	0.93	712.3	25.9	28.5
114.5	17.62	3.20E-05	149.92	0.0198	0.00165	0.00139	0.93	712.3	25.9	28.5
110.0	16.93	3.68E-05	149.92	0.021	0.00175	0.00147	0.93	712.3	25.9	28.5
110.0	16.93	3.68E-05	149.92	0.021	0.00175	0.00147	0.93	712.3	25.9	28.5
110.0	16.93	3.90E-05	149.92	0.0222	0.00185	0.00155	0.93	712.3	25.9	28.5
110.0	16.93	3.55E-05	149.92	0.0202	0.00169	0.00142	0.93	712.3	25.9	28.6
110.0	16.93	3.90E-05	149.92	0.0222	0.00185	0.00155	0.93	712	25.9	28.6
105.0	16.16	3.77E-05	149.92	0.0196	0.00163	0.00137	0.93	712	25.9	28.6
105.0	16.16	4.62E-05	149.92	0.024	0.002	0.00168	0.93	712	25.9	28.6
105.0	16.16	4.62E-05	149.92	0.024	0.002	0.00168	0.93	712	25.9	28.6
105.0	16.16	3.24E-05	149.92	0.0168	0.0014	0.00118	0.93	712	25.9	28.6
105.0	16.16	4.49E-05	149.93	0.0233	0.00195	0.00163	0.93	712	25.9	28.6
100.5	15.47	4.34E-05	149.93	0.0206	0.00172	0.00144	0.93	712	25.8	28.7
100.5	15.47	3.99E-05	149.93	0.019	0.00158	0.00133	0.93	712	25.8	28.7
100.5	15.47	3.93E-05	149.93	0.0187	0.00156	0.00131	0.93	712	25.8	28.7
100.5	15.47	3.52E-05	149.93	0.0168	0.0014	0.00117	0.93	712	25.8	28.7
100.5	15.47	3.64E-05	149.92	0.0173	0.00145	0.00121	0.93	712	25.8	28.7
96.0	14.78	2.48E-05	149.92	0.0108	0.0009	0.00075	0.93	712	25.8	28.7
96.0	14.78	3.83E-05	149.92	0.0166	0.00139	0.00117	0.93	712	25.8	28.7
96.0	14.78	3.83E-05	149.92	0.0166	0.00139	0.00117	0.93	712	25.8	28.7
96.0	14.78	4.24E-05	149.92	0.0184	0.00154	0.00129	0.93	712	25.8	28.7
96.0	14.78	3.24E-05	149.92	0.0141	0.00117	0.00098	0.93	712	25.8	28.7
91.5	14.08	3.11E-05	149.92	0.0123	0.00102	0.00086	0.93	712	25.7	28.7
91.5	14.08	3.11E-05	149.93	0.0123	0.00102	0.00086	0.93	712	25.7	28.7
91.5	14.08	3.11E-05	149.92	0.0123	0.00102	0.00086	0.93	712	25.7	28.7
91.5	14.08	3.11E-05	149.92	0.0123	0.00102	0.00086	0.93	712	25.7	28.7
91.5	14.08	3.61E-05	149.92	0.0143	0.00119	0.001	0.93	712	25.7	28.7
91.5	14.08	3.42E-05	149.92	0.0135	0.00113	0.00095	0.93	712	25.7	29.0
91.5	14.08	2.54E-05	149.92	0.01	0.00084	0.0007	0.93	712	25.7	29.0
91.5	14.08	3.42E-05	149.92	0.0135	0.00113	0.00095	0.93	712	25.7	29.0
91.5	14.08	3.42E-05	149.92	0.0135	0.00113	0.00095	0.93	712	25.7	29.0
91.5	14.08	3.05E-05	149.92	0.012	0.001	0.00084	0.93	712	25.7	29.0
91.5	14.08	2.70E-05	149.92	0.0107	0.00089	0.00075	0.93	712	25.7	29.0
91.5	14.08	2.61E-05	149.92	0.0103	0.00086	0.00072	0.93	712	25.7	29.0
91.5	14.08	2.61E-05	149.92	0.0103	0.00086	0.00072	0.93	712	25.7	29.0
91.5	14.08	4.12E-05	149.92	0.0162	0.00135	0.00114	0.93	712	25.7	29.0
91.5	14.08	4.56E-05	149.93	0.018	0.0015	0.00126	0.93	712	25.7	29.0
91.5	14.08	3.27E-05	149.92	0.0129	0.00107	0.0009	0.93	712	25.7	29.0
91.5	14.08	3.27E-05	149.92	0.0129	0.00107	0.0009	0.93	712	25.7	29.0
91.5	14.08	3.27E-05	149.92	0.0129	0.00107	0.0009	0.93	712	25.7	29.0
91.5	14.08	3.24E-05	149.92	0.0128	0.00106	0.00089	0.93	712	25.7	29.2
91.5	14.08	3.33E-05	149.92	0.0131	0.0011	0.00092	0.93	712	25.7	29.2
91.5	14.08	3.08E-05	149.92	0.0121	0.00101	0.00085	0.93	712	25.7	29.3
91.5	14.08	3.36E-05	149.92	0.0133	0.00111	0.00093	0.93	712	25.7	29.3
91.5	14.08	3.27E-05	149.92	0.0129	0.00107	0.0009	0.93	712	25.7	29.3
91.5	14.08	3.71E-05	149.91	0.0146	0.00122	0.00102	0.93	712	25.7	29.3
91.5	14.08	3.71E-05	149.92	0.0146	0.00122	0.00102	0.93	712	25.7	29.3
91.5	14.08	3.55E-05	149.92	0.014	0.00117	0.00098	0.93	712	25.7	29.3
91.5	14.08	3.55E-05	149.92	0.014	0.00117	0.00098	0.93	712	25.7	29.3
91.5	14.08	2.86E-05	149.92	0.0113	0.00094	0.00079	0.93	712	25.7	29.3
91.5	14.08	3.58E-05	149.92	0.0141	0.00118	0.00099	0.93	712	25.7	29.3
91.5	14.08	2.73E-05	149.92	0.0108	0.0009	0.00075	0.93	712	25.7	29.3
87.0	13.39	3.14E-05	149.92	0.0112	0.00093	0.00078	0.94	712	25.5	29.3
87.0	13.39	3.14E-05	149.92	0.0112	0.00093	0.00078	0.94	712	25.5	29.3
87.0	13.39	3.14E-05	149.91	0.0112	0.00093	0.00078	0.94	712	25.5	29.3
87.0	13.39	3.14E-05	149.91	0.0112	0.00093	0.00078	0.94	712	25.5	29.3
87.0	13.39	3.49E-05	149.92	0.0124	0.00104	0.00087	0.94	712	25.5	29.3
82.5	12.70	3.33E-05	149.91	0.0107	0.00089	0.00075	0.94	712	25.5	29.7
82.5	12.70	3.68E-05	149.91	0.0118	0.00098	0.00083	0.94	712	25.5	29.7
82.5	12.70	3.68E-05	149.92	0.0118	0.00098	0.00083	0.94	712	25.5	29.7
82.5	12.70	3.68E-05	149.92	0.0118	0.00098	0.00083	0.94	712	25.5	29.7
82.5	12.70	3.27E-05	149.92	0.0105	0.00087	0.00073	0.94	712	25.5	29.7

TABLA N° ANEXO C.69: Conductor 6, AAAC 2.90 cm.

Muestra 3. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
27.6	26.5	711.8	0.93	135.5	20.86	2.92	0.8077

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
128.0	19.70	4.12E-05	149.93	0.0318	0.00265	0.00222	0.93	712.5	26.0	28.0
128.0	19.70	4.12E-05	149.92	0.0318	0.00265	0.00222	0.93	712.5	26.0	28.0
128.0	19.70	4.34E-05	149.92	0.0335	0.00279	0.00234	0.93	712.5	26.0	28.0
128.0	19.70	4.34E-05	149.92	0.0335	0.00279	0.00234	0.93	712.5	26.0	28.0
128.0	19.70	3.99E-05	149.92	0.0308	0.00257	0.00216	0.93	712.5	26.0	28.0
123.5	19.01	3.90E-05	149.92	0.028	0.00233	0.00196	0.93	712.3	26.0	28.2
123.5	19.01	3.90E-05	149.92	0.028	0.00233	0.00196	0.93	712.3	26.0	28.2
123.5	19.01	3.90E-05	149.92	0.028	0.00233	0.00196	0.93	712.3	26.0	28.2
123.5	19.01	3.90E-05	149.92	0.028	0.00233	0.00196	0.93	712.3	26.0	28.2
123.5	19.01	3.17E-05	149.92	0.0228	0.0019	0.0016	0.93	712.3	26.0	28.4
119.0	18.32	3.11E-05	149.92	0.0208	0.00173	0.00145	0.93	712.3	26.0	28.4
119.0	18.32	3.11E-05	149.92	0.0208	0.00173	0.00145	0.93	712.3	26.0	28.4
119.0	18.32	3.11E-05	149.92	0.0208	0.00173	0.00145	0.93	712.3	26.0	28.4
119.0	18.32	3.33E-05	149.92	0.0222	0.00185	0.00156	0.93	712.3	26.0	28.4
119.0	18.32	3.14E-05	149.92	0.021	0.00175	0.00147	0.93	712.3	26.0	28.4
114.5	17.62	4.24E-05	149.92	0.0262	0.00218	0.00183	0.93	712.3	25.9	28.5
114.5	17.62	4.24E-05	149.92	0.0262	0.00218	0.00183	0.93	712.3	25.9	28.5
114.5	17.62	3.20E-05	149.92	0.0198	0.00165	0.00139	0.93	712.3	25.9	28.5
114.5	17.62	3.20E-05	149.92	0.0198	0.00165	0.00139	0.93	712.3	25.9	28.5
114.5	17.62	3.20E-05	149.92	0.0198	0.00165	0.00139	0.93	712.3	25.9	28.5
110.0	16.93	3.68E-05	149.92	0.021	0.00175	0.00147	0.93	712.3	25.9	28.5
110.0	16.93	3.68E-05	149.92	0.021	0.00175	0.00147	0.93	712.3	25.9	28.5
110.0	16.93	3.90E-05	149.92	0.0222	0.00185	0.00155	0.93	712.3	25.9	28.5
110.0	16.93	3.55E-05	149.92	0.0202	0.00169	0.00142	0.93	712.3	25.9	28.6
110.0	16.93	3.90E-05	149.92	0.0222	0.00185	0.00155	0.93	712	25.9	28.6
105.0	16.16	3.77E-05	149.92	0.0196	0.00163	0.00137	0.93	712	25.9	28.6
105.0	16.16	4.62E-05	149.92	0.024	0.002	0.00168	0.93	712	25.9	28.6
105.0	16.16	4.62E-05	149.92	0.024	0.002	0.00168	0.93	712	25.9	28.6
105.0	16.16	3.24E-05	149.92	0.0168	0.0014	0.00118	0.93	712	25.9	28.6
105.0	16.16	4.49E-05	149.93	0.0233	0.00195	0.00163	0.93	712	25.9	28.6
100.5	15.47	4.34E-05	149.93	0.0206	0.00172	0.00144	0.93	712	25.8	28.7
100.5	15.47	3.99E-05	149.93	0.019	0.00158	0.00133	0.93	712	25.8	28.7
100.5	15.47	3.93E-05	149.93	0.0187	0.00156	0.00131	0.93	712	25.8	28.7
100.5	15.47	3.52E-05	149.93	0.0168	0.0014	0.00117	0.93	712	25.8	28.7
100.5	15.47	3.64E-05	149.92	0.0173	0.00145	0.00121	0.93	712	25.8	28.7
96.0	14.78	2.48E-05	149.92	0.0108	0.0009	0.00075	0.93	712	25.8	28.7
96.0	14.78	3.83E-05	149.92	0.0166	0.00139	0.00117	0.93	712	25.8	28.7
96.0	14.78	3.83E-05	149.92	0.0166	0.00139	0.00117	0.93	712	25.8	28.7
96.0	14.78	4.24E-05	149.92	0.0184	0.00154	0.00129	0.93	712	25.8	28.7
96.0	14.78	3.24E-05	149.92	0.0141	0.00117	0.00098	0.93	712	25.8	28.7
91.5	14.08	3.11E-05	149.92	0.0123	0.00102	0.00086	0.93	712	25.7	28.7
91.5	14.08	3.11E-05	149.93	0.0123	0.00102	0.00086	0.93	712	25.7	28.7
91.5	14.08	3.11E-05	149.92	0.0123	0.00102	0.00086	0.93	712	25.7	28.7
91.5	14.08	3.11E-05	149.92	0.0123	0.00102	0.00086	0.93	712	25.7	28.7
91.5	14.08	3.61E-05	149.92	0.0143	0.00119	0.001	0.93	712	25.7	28.7
91.5	14.08	3.42E-05	149.92	0.0135	0.00113	0.00095	0.93	712	25.7	29.0
91.5	14.08	2.54E-05	149.92	0.01	0.00084	0.0007	0.93	712	25.7	29.0
91.5	14.08	3.42E-05	149.92	0.0135	0.00113	0.00095	0.93	712	25.7	29.0
91.5	14.08	3.42E-05	149.92	0.0135	0.00113	0.00095	0.93	712	25.7	29.0
91.5	14.08	3.05E-05	149.92	0.012	0.001	0.00084	0.93	712	25.7	29.0
91.5	14.08	2.70E-05	149.92	0.0107	0.00089	0.00075	0.93	712	25.7	29.0
91.5	14.08	2.61E-05	149.92	0.0103	0.00086	0.00072	0.93	712	25.7	29.0
91.5	14.08	2.61E-05	149.92	0.0103	0.00086	0.00072	0.93	712	25.7	29.0
91.5	14.08	4.12E-05	149.92	0.0162	0.00135	0.00114	0.93	712	25.7	29.0
91.5	14.08	4.56E-05	149.93	0.018	0.0015	0.00126	0.93	712	25.7	29.0
91.5	14.08	3.27E-05	149.92	0.0129	0.00107	0.0009	0.93	712	25.7	29.0
91.5	14.08	3.27E-05	149.92	0.0129	0.00107	0.0009	0.93	712	25.7	29.0
91.5	14.08	3.27E-05	149.92	0.0129	0.00107	0.0009	0.93	712	25.7	29.0
91.5	14.08	3.24E-05	149.92	0.0128	0.00106	0.00089	0.93	712	25.7	29.2
91.5	14.08	3.33E-05	149.92	0.0131	0.0011	0.00092	0.93	712	25.7	29.2
91.5	14.08	3.08E-05	149.92	0.0121	0.00101	0.00085	0.93	712	25.7	29.3
91.5	14.08	3.36E-05	149.92	0.0133	0.00111	0.00093	0.93	712	25.7	29.3
91.5	14.08	3.27E-05	149.92	0.0129	0.00107	0.0009	0.93	712	25.7	29.3
91.5	14.08	3.71E-05	149.91	0.0146	0.00122	0.00102	0.93	712	25.7	29.3
91.5	14.08	3.71E-05	149.92	0.0146	0.00122	0.00102	0.93	712	25.7	29.3
91.5	14.08	3.55E-05	149.92	0.014	0.00117	0.00098	0.93	712	25.7	29.3
91.5	14.08	3.55E-05	149.92	0.014	0.00117	0.00098	0.93	712	25.7	29.3
91.5	14.08	2.86E-05	149.92	0.0113	0.00094	0.00079	0.93	712	25.7	29.3
91.5	14.08	3.58E-05	149.92	0.0141	0.00118	0.00099	0.93	712	25.7	29.3
91.5	14.08	2.73E-05	149.92	0.0108	0.0009	0.00075	0.93	712	25.7	29.3
87.0	13.39	3.14E-05	149.92	0.0112	0.00093	0.00078	0.94	712	25.5	29.3
87.0	13.39	3.14E-05	149.92	0.0112	0.00093	0.00078	0.94	712	25.5	29.3
87.0	13.39	3.14E-05	149.91	0.0112	0.00093	0.00078	0.94	712	25.5	29.3
87.0	13.39	3.14E-05	149.91	0.0112	0.00093	0.00078	0.94	712	25.5	29.3
87.0	13.39	3.49E-05	149.92	0.0124	0.00104	0.00087	0.94	712	25.5	29.3
82.5	12.70	3.33E-05	149.91	0.0107	0.00089	0.00075	0.94	712	25.5	29.7
82.5	12.70	3.68E-05	149.91	0.0118	0.00098	0.00083	0.94	712	25.5	29.7
82.5	12.70	3.68E-05	149.92	0.0118	0.00098	0.00083	0.94	712	25.5	29.7
82.5	12.70	3.68E-05	149.92	0.0118	0.00098	0.00083	0.94	712	25.5	29.7
82.5	12.70	3.27E-05	149.92	0.0105	0.00087	0.00073	0.94	712	25.5	29.7

TABLA Nº ANEXO C.70: Conductor 6, AAAC 2.90 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
23.1	28.2	711.2	0.93	101.5	15.62	2.92	0.6086

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.62	3.13E-01	158.19	204.2482	17.02068	14.29592	0.93	711.1	27.8	23.5
114.5	17.62	3.13E-01	158.19	204.2482	17.02068	14.29592	0.93	711.1	27.8	23.5
114.5	17.62	3.16E-01	157.72	205.7224	17.14354	14.39911	0.93	711.1	27.8	23.5
114.5	17.62	3.07E-01	158.57	200.6169	16.71807	14.04175	0.93	711.1	27.8	23.5
114.5	17.62	3.07E-01	158.71	200.7963	16.73303	14.05431	0.93	711.1	27.8	23.5
110.0	16.93	2.13E-01	153.79	124.6344	10.3862	8.72352	0.93	711.1	27.7	23.6
110.0	16.93	2.14E-01	153.67	124.9615	10.41346	8.74642	0.93	711.1	27.7	23.6
110.0	16.93	2.15E-01	153.61	125.4688	10.45574	8.78193	0.93	711.1	27.7	23.6
110.0	16.93	2.16E-01	153.62	125.9951	10.49959	8.81876	0.93	711.1	27.7	23.6
110.0	16.93	2.18E-01	153.44	127.481	10.62342	8.92277	0.93	711.1	27.7	23.6
105.0	16.16	9.94E-02	151.07	52.0615	4.33846	3.64393	0.93	711.3	27.6	23.9
105.0	16.16	8.18E-02	151.55	42.9888	3.5824	3.00891	0.93	711.3	27.6	23.9
105.0	16.16	9.65E-02	150.97	50.4865	4.20721	3.5337	0.93	711.3	27.6	23.9
105.0	16.16	8.25E-02	151.35	43.2786	3.60655	3.02919	0.93	711.3	27.6	23.9
105.0	16.16	8.25E-02	151.35	43.2786	3.60655	3.02919	0.93	711.3	27.6	23.9
100.5	15.47	9.10E-03	150.85	4.3568	0.36306	0.30494	0.93	711.3	27.6	23.3
100.5	15.47	9.10E-03	150.85	4.3568	0.36306	0.30494	0.93	711.3	27.6	23.3
100.5	15.47	8.91E-03	151.07	4.2723	0.35603	0.29903	0.93	711.3	27.6	23.3
100.5	15.47	8.44E-03	151.07	4.0477	0.33731	0.28331	0.93	711.3	27.6	23.3
100.5	15.47	8.58E-03	151.07	4.1174	0.34312	0.28819	0.93	711.3	27.6	23.3
96.0	14.78	2.90E-04	151.2	0.127	0.01059	0.00889	0.93	711.4	27.6	24.4
96.0	14.78	2.59E-04	151.18	0.1132	0.00944	0.00793	0.93	711.4	27.6	24.4
96.0	14.78	2.71E-04	151.18	0.1189	0.00991	0.00832	0.93	711.4	27.6	24.4
96.0	14.78	2.58E-04	151.14	0.1131	0.00942	0.00792	0.93	711.4	27.6	24.4
96.0	14.78	2.58E-04	151.08	0.113	0.00942	0.00791	0.93	711.4	27.6	24.4
91.5	14.08	2.27E-04	151.13	0.0902	0.00752	0.00631	0.93	711.4	27.6	24.6
91.5	14.08	2.27E-04	151.13	0.0902	0.00752	0.00631	0.93	711.4	27.6	24.6
91.5	14.08	2.27E-04	151.05	0.0902	0.00751	0.00631	0.93	711.4	27.6	24.6
91.5	14.08	2.27E-04	151.09	0.0902	0.00752	0.00631	0.93	711.4	27.6	24.6
91.5	14.08	2.58E-04	151.09	0.1027	0.00856	0.00719	0.93	711.4	27.6	24.6
91.5	14.08	2.12E-04	151.09	0.0842	0.00702	0.00589	0.93	711.4	27.6	24.8
91.5	14.08	2.35E-04	151.09	0.0933	0.00778	0.00653	0.93	711.4	27.6	24.8
91.5	14.08	2.35E-04	151.14	0.0934	0.00778	0.00653	0.93	711.4	27.6	24.8
91.5	14.08	2.35E-04	151.14	0.0934	0.00778	0.00653	0.93	711.4	27.6	24.8
91.5	14.08	2.22E-04	150.93	0.0881	0.00734	0.00617	0.93	711.4	27.6	24.8
91.5	14.08	2.15E-04	150.93	0.0855	0.00712	0.00598	0.93	711.8	27.6	25.0
91.5	14.08	2.22E-04	151.06	0.0884	0.00737	0.00619	0.93	711.8	27.6	25.0
91.5	14.08	2.22E-04	151.06	0.0884	0.00737	0.00619	0.93	711.8	27.6	25.0
91.5	14.08	2.24E-04	151.06	0.0892	0.00743	0.00624	0.93	711.8	27.6	25.0
91.5	14.08	2.24E-04	151.06	0.0892	0.00743	0.00624	0.93	711.8	27.6	25.0
91.5	14.08	2.53E-04	151.06	0.1005	0.00838	0.00704	0.93	711.8	27.6	25.0
91.5	14.08	2.53E-04	151.14	0.1006	0.00838	0.00704	0.93	711.8	27.6	25.0
91.5	14.08	2.06E-04	151.14	0.0821	0.00684	0.00575	0.93	711.8	27.6	25.0
91.5	14.08	2.30E-04	151.14	0.0916	0.00763	0.00641	0.93	711.8	27.6	25.0
91.5	14.08	2.28E-04	151.14	0.0906	0.00755	0.00634	0.93	711.8	27.6	25.0
91.5	14.08	2.28E-04	151.14	0.0906	0.00755	0.00634	0.93	711.8	27.4	25.3
91.5	14.08	2.28E-04	151.18	0.0906	0.00755	0.00634	0.93	711.8	27.4	25.3
91.5	14.08	2.32E-04	151	0.092	0.00767	0.00644	0.93	711.8	27.4	25.3
91.5	14.08	2.63E-04	151.22	0.1047	0.00872	0.00733	0.93	711.8	27.4	25.3
91.5	14.08	2.63E-04	151.22	0.1047	0.00872	0.00733	0.93	711.8	27.4	25.3
91.5	14.08	2.38E-04	150.99	0.0945	0.00788	0.00661	0.93	711.8	27.4	25.3
91.5	14.08	2.38E-04	151.1	0.0946	0.00788	0.00662	0.93	711.8	27.4	25.3
91.5	14.08	2.38E-04	151.1	0.0946	0.00788	0.00662	0.93	711.8	27.4	25.3
91.5	14.08	2.09E-04	151.1	0.083	0.00691	0.00581	0.93	711.8	27.4	25.3
91.5	14.08	2.33E-04	151.09	0.0928	0.00774	0.0065	0.93	711.8	27.4	25.3
87.0	13.39	2.03E-04	151.09	0.0731	0.00609	0.00511	0.93	711.8	27.4	25.3
87.0	13.39	2.03E-04	150.88	0.073	0.00608	0.00511	0.93	711.8	27.4	25.3
87.0	13.39	2.03E-04	150.88	0.0729	0.00607	0.0051	0.93	711.8	27.4	25.3
87.0	13.39	2.34E-04	150.88	0.0841	0.00701	0.00589	0.93	711.8	27.4	25.3
87.0	13.39	2.34E-04	151.06	0.0842	0.00702	0.0059	0.93	711.8	27.4	25.3
82.5	12.7	1.84E-04	151.06	0.0595	0.00496	0.00416	0.93	711.8	27.4	25.3
82.5	12.7	1.84E-04	151.06	0.0595	0.00496	0.00416	0.93	711.8	27.3	25.4
82.5	12.7	1.71E-04	151.06	0.0552	0.0046	0.00387	0.93	711.8	27.3	25.4
82.5	12.7	1.71E-04	151.06	0.0552	0.0046	0.00387	0.93	711.8	27.3	25.4
82.5	12.7	1.75E-04	151.06	0.0566	0.00471	0.00396	0.93	711.8	27.3	25.4
77.5	11.93	1.61E-04	151.08	0.0461	0.00384	0.00322	0.93	711.8	27.3	25.4
77.5	11.93	1.70E-04	151.08	0.0486	0.00405	0.0034	0.93	711.8	27.3	25.4
77.5	11.93	1.70E-04	151.08	0.0486	0.00405	0.0034	0.93	711.8	27.3	25.4
77.5	11.93	1.59E-04	151.08	0.0453	0.00378	0.00317	0.93	711.8	27.3	25.4
77.5	11.93	1.88E-04	151.08	0.0537	0.00447	0.00376	0.93	711.8	27.4	25.5
73.0	11.24	1.88E-04	151.19	0.0477	0.00397	0.00334	0.93	711.8	27.4	25.5
73.0	11.24	1.57E-04	151.2	0.0397	0.00331	0.00278	0.93	711.8	27.4	25.5
73.0	11.24	1.57E-04	151.05	0.0398	0.00332	0.00279	0.93	711.8	27.4	25.5
73.0	11.24	1.57E-04	151.05	0.0398	0.00332	0.00279	0.93	711.8	27.4	25.5
73.0	11.24	1.57E-04	151.05	0.0398	0.00332	0.00279	0.93	711.8	27.4	25.5
68.5	10.54	1.57E-04	151.05	0.0351	0.00292	0.00245	0.93	711.8	27.3	25.6
68.5	10.54	1.56E-04	151.05	0.0347	0.00289	0.00243	0.93	711.8	27.3	25.6
68.5	10.54	1.56E-04	151.05	0.0347	0.00289	0.00243	0.93	711.8	27.3	25.6
68.5	10.54	1.62E-04	151.05	0.036	0.003	0.00252	0.93	711.8	27.3	25.6
68.5	10.54	1.62E-04	151.05	0.036	0.003	0.00252	0.93	711.8	27.3	25.6

TABLA N° ANEXO C.71: Conductor 6, AAAC 2.90 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
32.6	28.6	711.4	0.92	70.38	10.83	2.92	0.4224

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.62	3.05E-01	157.15	197.3206	16.44338	13.81104	0.93	711.9	28.5	31.8
114.5	17.62	3.05E-01	157.08	197.7426	16.47855	13.84057	0.93	711.9	28.5	31.8
114.5	17.62	3.05E-01	156.35	196.576	16.38133	13.75892	0.93	711.9	28.5	31.8
114.5	17.62	3.03E-01	156.49	195.7233	16.31028	13.69924	0.93	711.9	28.5	31.8
114.5	17.62	3.05E-01	156.36	196.5219	16.37683	13.75514	0.93	711.9	28.5	31.8
110.0	16.93	2.38E-01	155.99	140.9295	11.74412	9.86406	0.93	711.9	28.4	32.2
110.0	16.93	2.39E-01	155.9	141.6132	11.8011	9.91192	0.93	711.9	28.4	32.2
110.0	16.93	2.39E-01	155.78	141.5002	11.79169	9.90401	0.93	711.9	28.4	32.2
110.0	16.93	2.44E-01	155.41	144.1861	12.01551	10.092	0.93	711.9	28.4	32.2
110.0	16.93	2.37E-01	155.87	140.7866	11.73222	9.85406	0.93	711.9	28.4	32.2
105.0	16.16	1.70E-01	154.74	90.9361	7.57801	6.36488	0.93	711.9	28.4	32.2
105.0	16.16	1.70E-01	154.71	91.1747	7.59789	6.38158	0.93	711.9	28.4	32.2
105.0	16.16	1.70E-01	155.29	91.5896	7.63247	6.41062	0.93	711.9	28.4	32.2
105.0	16.16	1.70E-01	155.1	91.4816	7.62347	6.40306	0.93	711.9	28.4	32.2
105.0	16.16	1.70E-01	156.63	92.3827	7.69856	6.46613	0.93	711.9	28.4	32.2
100.5	15.47	1.01E-01	157.59	50.7344	4.22786	3.55105	0.93	711.9	28.0	34.4
100.5	15.47	1.01E-01	156.03	50.23	4.18584	3.51574	0.93	711.9	28.0	34.4
100.5	15.47	9.93E-02	158.16	49.8561	4.15468	3.48957	0.93	711.9	28.0	34.4
100.5	15.47	9.93E-02	158.16	49.8561	4.15468	3.48957	0.93	711.9	28.0	34.4
100.5	15.47	1.05E-01	157.99	52.4725	4.37271	3.6727	0.93	711.9	28.0	35.1
96.5	14.85	6.13E-02	157.57	28.2736	2.35614	1.97895	0.93	711.9	27.5	35.1
96.5	14.85	6.16E-02	156.49	28.2257	2.35214	1.9756	0.93	711.9	27.5	35.1
96.5	14.85	6.17E-02	156.49	28.2542	2.35452	1.9776	0.93	711.9	27.5	35.1
96.5	14.85	6.15E-02	157.2	28.3223	2.36019	1.98236	0.93	711.9	27.5	35.1
96.5	14.85	6.15E-02	157.01	28.2893	2.35744	1.98005	0.93	711.9	27.5	35.1
91.5	14.08	3.15E-02	158.28	13.1409	1.09507	0.91977	0.93	712.5	28.0	35.1
91.5	14.08	3.25E-02	158.27	13.5327	1.12773	0.94719	0.93	712.5	28.0	35.1
91.5	14.08	2.92E-02	157.52	12.1139	1.00949	0.84789	0.93	712.5	28.0	35.1
91.5	14.08	3.09E-02	156.98	12.7598	1.06331	0.89309	0.93	712.5	28.0	35.1
91.5	14.08	3.04E-02	157.69	12.5989	1.04991	0.88183	0.93	712.5	28.0	35.1
91.5	14.08	3.03E-02	157.69	12.5598	1.04665	0.8791	0.93	712.5	28.0	35.1
91.5	14.08	3.03E-02	157.58	12.5506	1.04588	0.87845	0.93	712.5	28.0	35.1
91.5	14.08	3.14E-02	157.44	12.9977	1.08314	0.90975	0.93	712.5	28.0	35.1
91.5	14.08	3.14E-02	157.44	12.9977	1.08314	0.90975	0.93	712.5	28.0	35.1
91.5	14.08	3.02E-02	157.77	12.536	1.04466	0.87743	0.93	712.5	28.0	35.1
91.5	14.08	3.21E-02	158.95	13.4094	1.11745	0.93857	0.93	712.5	27.8	35.3
91.5	14.08	3.21E-02	158.95	13.4094	1.11745	0.93857	0.93	712.5	27.8	35.3
91.5	14.08	3.17E-02	156.5	13.0744	1.08953	0.91511	0.93	712.5	27.8	35.3
91.5	14.08	3.00E-02	156.52	12.3382	1.02818	0.86358	0.93	712.5	27.8	35.3
91.5	14.08	3.19E-02	156.47	13.1574	1.09645	0.92092	0.93	712.5	27.8	35.3
91.5	14.08	2.92E-02	156.5	12.0338	1.00282	0.84228	0.93	712.5	27.8	35.3
91.5	14.08	2.92E-02	156.5	12.0338	1.00282	0.84228	0.93	712.5	27.8	35.3
91.5	14.08	3.00E-02	156.49	12.3518	1.02932	0.86454	0.93	712.5	27.8	35.3
91.5	14.08	3.20E-02	156.34	13.1779	1.09816	0.92236	0.93	712.5	27.8	35.3
91.5	14.08	3.20E-02	156.34	13.1779	1.09816	0.92236	0.93	712.5	27.8	35.3
91.5	14.08	3.20E-02	156.5	13.1915	1.09929	0.92331	0.93	712.8	27.7	35.4
91.5	14.08	3.20E-02	156.5	13.1915	1.09929	0.92331	0.93	712.8	27.7	35.4
91.5	14.08	3.20E-02	156.5	13.1915	1.09929	0.92331	0.93	712.8	27.7	35.4
91.5	14.08	3.23E-02	156.5	13.321	1.11008	0.93237	0.93	712.8	27.7	35.4
91.5	14.08	3.23E-02	156.5	13.321	1.11008	0.93237	0.93	712.8	27.7	35.4
91.5	14.08	3.01E-02	158.46	12.5438	1.04532	0.87798	0.93	712.8	27.7	35.6
91.5	14.08	3.15E-02	156.55	12.9621	1.08017	0.90725	0.93	712.8	27.7	35.6
91.5	14.08	3.21E-02	157.25	13.2711	1.10592	0.92888	0.93	712.8	27.7	35.6
91.5	14.08	3.21E-02	157.13	13.261	1.10508	0.92818	0.93	712.8	27.7	35.6
91.5	14.08	3.10E-02	157.14	12.8071	1.06726	0.89641	0.93	712.8	27.7	35.6
87.0	13.39	1.66E-02	158.01	6.2397	0.51998	0.43674	0.93	712.8	27.6	35.7
87.0	13.39	1.66E-02	157.3	6.2117	0.51764	0.43478	0.93	712.8	27.6	35.7
87.0	13.39	1.68E-02	157.3	6.2775	0.52313	0.43938	0.93	712.8	27.6	35.7
87.0	13.39	1.68E-02	157.3	6.301	0.52509	0.44103	0.93	712.8	27.6	35.7
87.0	13.39	1.68E-02	157.42	6.3061	0.52551	0.44138	0.93	712.8	27.6	35.7
82.5	12.7	7.85E-03	157.46	2.6442	0.22035	0.18507	0.93	712.8	27.6	35.6
82.5	12.7	7.97E-03	157.46	2.6865	0.22387	0.18803	0.93	712.8	27.6	35.6
82.5	12.7	7.82E-03	157.46	2.6349	0.21958	0.18443	0.93	712.8	27.6	35.6
82.5	12.7	7.95E-03	157.46	2.6773	0.22311	0.18739	0.93	712.8	27.6	35.6
82.5	12.7	8.02E-03	157.09	2.6947	0.22456	0.18861	0.93	712.8	27.6	35.6
77.5	11.93	3.87E-03	157.57	1.1515	0.09595	0.08059	0.93	712.8	27.6	35.7
77.5	11.93	3.87E-03	157.57	1.1515	0.09595	0.08059	0.93	712.8	27.6	35.7
77.5	11.93	3.87E-03	158.5	1.1582	0.09652	0.08107	0.93	712.8	27.6	35.7
77.5	11.93	3.87E-03	157.55	1.1525	0.09604	0.08066	0.93	712.8	27.6	35.7
77.5	11.93	3.85E-03	156.97	1.1416	0.09513	0.0799	0.93	712.8	27.6	35.7
73.0	11.24	2.22E-03	158.87	0.5903	0.04919	0.04132	0.93	713	27.6	35.6
73.0	11.24	2.22E-03	158.74	0.5898	0.04915	0.04128	0.93	713	27.6	35.6
73.0	11.24	2.22E-03	158.3	0.5882	0.04902	0.04117	0.93	713	27.6	35.6
73.0	11.24	2.24E-03	157.59	0.5924	0.04936	0.04146	0.93	713	27.6	35.6
73.0	11.24	2.21E-03	157.59	0.5841	0.04867	0.04088	0.93	713	27.6	35.6
68.5	10.54	1.30E-03	157.24	0.3018	0.02515	0.02112	0.93	713	27.6	35.6
68.5	10.54	1.30E-03	157.43	0.3022	0.02518	0.02115	0.93	713	27.6	35.6
68.5	10.54	1.30E-03	158.01	0.3033	0.02527	0.02123	0.93	713	27.6	35.6
68.5	10.54	1.30E-03	158.01	0.3033	0.02527	0.02123	0.93	713	27.6	35.6
68.5	10.54	1.30E-03	158.01	0.3034	0.02529	0.02124	0.93	713	27.6	35.6

TABLA N° ANEXO C.72: Conductor 6, AAAC 2.90 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
17.3	25.2	718.2	0.94	34.42	5.3	2.92	0.2027

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
114.5	17.62	6.11E-01	210.13	529.5173	44.12644	37.06245	0.94	718	25.2	17.4
114.5	17.62	6.11E-01	210.22	529.7633	44.14694	37.07967	0.94	718	25.2	17.4
114.5	17.62	6.11E-01	210.23	529.7534	44.14612	37.07897	0.94	718	25.2	17.4
114.5	17.62	6.11E-01	210.63	530.4861	44.20718	37.13026	0.94	718	25.2	17.4
114.5	17.62	6.11E-01	210.46	530.0657	44.17214	37.10083	0.94	718	25.2	17.4
110.0	16.93	5.97E-01	205.27	466.3773	38.86478	32.6431	0.94	718	25.2	17.2
110.0	16.93	5.95E-01	205.88	466.1629	38.84691	32.62809	0.94	718	25.2	17.2
110.0	16.93	5.95E-01	205.62	465.5217	38.79347	32.58321	0.94	718	25.2	17.2
110.0	16.93	5.97E-01	205.76	467.2512	38.9376	32.70426	0.94	718	25.2	17.2
110.0	16.93	5.97E-01	205.21	466.0131	38.83443	32.61761	0.94	718	25.2	17.2
105.0	16.16	5.80E-01	200.67	403.0906	33.59089	28.21347	0.94	718	25.2	17.0
105.0	16.16	5.79E-01	200.82	402.9963	33.58302	28.20687	0.94	718	25.2	17.0
105.0	16.16	5.80E-01	200.94	403.7327	33.64439	28.25842	0.94	718	25.2	17.0
105.0	16.16	5.79E-01	200.98	403.5746	33.63121	28.24735	0.94	718	25.2	17.0
105.0	16.16	5.79E-01	201.03	403.4722	33.62268	28.24019	0.94	718	25.2	17.0
100.5	15.47	5.63E-01	197	352.306	29.35883	24.65891	0.94	718	25.0	17.1
100.5	15.47	5.64E-01	196.82	352.6395	29.38663	24.68226	0.94	718	25.0	17.1
100.5	15.47	5.63E-01	197	352.0189	29.33491	24.63882	0.94	718	25.0	17.1
100.5	15.47	5.63E-01	196.74	351.8206	29.31838	24.62494	0.94	718	25.0	17.1
100.5	15.47	5.64E-01	196.67	351.9507	29.32923	24.63405	0.94	718	25.0	17.1
96.0	14.78	5.44E-01	191.51	301.665	25.13875	21.1144	0.94	718	25.0	17.1
96.0	14.78	5.43E-01	191.27	300.7833	25.06527	21.05269	0.94	718	25.0	17.1
96.0	14.78	5.46E-01	190.69	301.8584	25.15487	21.12794	0.94	718	25.0	17.1
96.0	14.78	5.44E-01	190.96	301.1877	25.09897	21.081	0.94	718	25.0	17.1
96.0	14.78	5.44E-01	190.98	301.2182	25.10152	21.08313	0.94	718	25.0	17.1
91.5	14.08	5.28E-01	186.09	258.6004	21.55003	18.10019	0.94	718	25.0	17.0
91.5	14.08	5.27E-01	186.28	258.2526	21.52105	18.07584	0.94	718	25.0	17.0
91.5	14.08	5.24E-01	186.71	257.7369	21.47808	18.03975	0.94	718	25.0	17.0
91.5	14.08	5.26E-01	186.11	257.5873	21.46561	18.02928	0.94	718	25.0	17.0
91.5	14.08	5.26E-01	186.54	258.1832	21.51526	18.07098	0.94	718	25.0	17.0
91.5	14.08	5.28E-01	185.83	258.1639	21.51366	18.06964	0.94	718	25.0	17.0
91.5	14.08	5.28E-01	186.18	258.6498	21.55415	18.10365	0.94	718	25.0	17.0
91.5	14.08	5.26E-01	186.2	257.9397	21.49497	18.05394	0.94	718	25.0	17.0
91.5	14.08	5.22E-01	187.01	256.8443	21.40369	17.97728	0.94	718	25.0	17.0
91.5	14.08	5.22E-01	187.05	256.897	21.40808	17.98096	0.94	718	25.0	17.0
91.5	14.08	5.27E-01	186.27	258.3207	21.52672	18.08081	0.94	718	25.0	17.0
91.5	14.08	5.24E-01	186.49	257.3405	21.44504	18.012	0.94	718	25.0	17.0
91.5	14.08	5.24E-01	186.49	257.3405	21.44504	18.012	0.94	718	25.0	17.0
91.5	14.08	5.27E-01	186.11	258.022	21.50183	18.0597	0.94	718	25.0	17.0
91.5	14.08	5.27E-01	186.13	258.0465	21.50387	18.06142	0.94	718	25.0	17.0
91.5	14.08	5.22E-01	186.81	256.7372	21.39477	17.96978	0.94	718	25.0	17.0
91.5	14.08	5.26E-01	186.23	257.7869	21.48224	18.04325	0.94	718	25.0	17.0
91.5	14.08	5.25E-01	186.28	257.5804	21.46504	18.0288	0.94	718	25.0	17.0
91.5	14.08	5.25E-01	186.07	257.2894	21.44078	18.00843	0.94	718	25.0	17.0
91.5	14.08	5.24E-01	186.49	257.2109	21.43424	18.00293	0.94	718	25.0	17.0
91.5	14.08	5.22E-01	186.86	256.7405	21.39504	17.97001	0.94	716.7	24.6	17.5
91.5	14.08	5.24E-01	186.63	257.1635	21.43029	17.99961	0.94	716.7	24.6	17.5
91.5	14.08	5.22E-01	186.79	256.6713	21.38927	17.96516	0.94	716.7	24.6	17.5
91.5	14.08	5.22E-01	186.98	256.9285	21.41071	17.98317	0.94	716.7	24.6	17.5
91.5	14.08	5.26E-01	186.34	257.881	21.49008	18.04983	0.94	716.7	24.6	17.5
91.5	14.08	5.26E-01	186.13	257.5893	21.46578	18.02942	0.94	716.7	24.6	17.5
91.5	14.08	5.24E-01	186.39	257.1171	21.42642	17.99637	0.94	716.7	24.6	17.5
91.5	14.08	5.22E-01	187.08	257.2064	21.43386	18.00262	0.94	716.7	24.6	17.5
91.5	14.08	5.22E-01	187.08	257.2064	21.43386	18.00262	0.94	716.7	24.6	17.5
91.5	14.08	5.23E-01	186.92	257.4887	21.45739	18.02238	0.94	716.7	24.6	17.5
87.0	13.39	5.02E-01	181.86	217.0959	18.09133	15.19517	0.94	716.7	24.4	17.3
87.0	13.39	5.01E-01	181.93	216.9658	18.08048	15.18606	0.94	716.7	24.4	17.3
87.0	13.39	5.00E-01	181.78	216.435	18.03625	15.14891	0.94	716.7	24.4	17.3
87.0	13.39	5.01E-01	181.87	216.8869	18.07391	15.18054	0.94	716.7	24.4	17.3
87.0	13.39	5.01E-01	181.83	216.9519	18.07933	15.18509	0.94	716.7	24.4	17.3
82.5	12.7	4.75E-01	176.42	179.4407	14.95339	12.55957	0.94	716.7	24.4	17.5
82.5	12.7	4.77E-01	176.41	179.9547	14.99623	12.59555	0.94	716.7	24.4	17.5
82.5	12.7	4.76E-01	176.18	179.3608	14.94673	12.55398	0.94	716.7	24.4	17.5
82.5	12.7	4.75E-01	176.25	179.2262	14.93552	12.54456	0.94	716.7	24.4	17.5
82.5	12.7	4.75E-01	176.79	179.7314	14.97762	12.57992	0.94	716.7	24.4	17.5
77.5	11.93	4.35E-01	170.19	139.6853	11.64044	9.77698	0.95	716.7	24.3	17.8
77.5	11.93	4.35E-01	170.52	139.9421	11.66184	9.79495	0.95	716.7	24.3	17.8
77.5	11.93	4.33E-01	170.74	139.5548	11.62956	9.76784	0.95	716.7	24.3	17.8
77.5	11.93	4.30E-01	170.78	138.6332	11.55277	9.70334	0.95	716.7	24.3	17.8
77.5	11.93	4.30E-01	171.11	138.9008	11.57506	9.72207	0.95	716.7	24.3	17.8
73.0	11.24	3.88E-01	165.32	107.3331	8.94442	7.51255	0.95	716.7	24.3	17.6
73.0	11.24	3.89E-01	165.29	107.7643	8.98036	7.54273	0.95	716.7	24.3	17.6
73.0	11.24	3.89E-01	165.46	107.7341	8.97784	7.54062	0.95	716.7	24.3	17.6
73.0	11.24	3.87E-01	165.59	107.482	8.95683	7.52297	0.95	716.7	24.3	17.6
73.0	11.24	3.89E-01	165.38	107.6429	8.97024	7.53424	0.95	716.7	24.3	17.6
68.5	10.54	3.40E-01	161.53	81.0489	6.75408	5.67285	0.95	716.7	24.2	17.6
68.5	10.54	3.40E-01	161.5	81.0987	6.75823	5.67633	0.95	716.7	24.2	17.6
68.5	10.54	3.40E-01	161.53	81.0358	6.75298	5.67193	0.95	716.7	24.2	17.6
68.5	10.54	3.41E-01	161.45	81.1781	6.76484	5.68189	0.95	716.7	24.2	17.6
68.5	10.54	3.39E-01	161.93	81.0581	6.75484	5.67349	0.95	716.7	24.2	17.6

TABLA N° ANEXO C.73: Conductor 7, ACSR 3.51 cm.

Muestra 1. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
25.8	24	713.8	0.94	155.4	20.76	3.51	0.8107

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
126.5	16.9	4.92E-04	156.7	0.3876	0.0323	0.02668	0.95	715.3	21.6	22.8
126.5	16.9	4.96E-04	156.7	0.3913	0.03261	0.02694	0.95	715.3	21.6	22.8
126.5	16.9	4.93E-04	156.7	0.3888	0.0324	0.02677	0.95	715.3	21.6	22.8
126.5	16.9	4.93E-04	156.7	0.3888	0.0324	0.02677	0.95	715.3	21.6	22.8
126.5	16.9	4.93E-04	156.7	0.3888	0.0324	0.02677	0.95	715.3	21.6	23
122	16.3	4.84E-04	156.7	0.3547	0.02956	0.02442	0.95	715.3	21.6	23
122	16.3	4.84E-04	156.7	0.3547	0.02956	0.02442	0.95	715.3	21.6	23
122	16.3	4.72E-04	156.7	0.3457	0.02881	0.0238	0.95	715.3	21.6	23
122	16.3	4.72E-04	156.7	0.3457	0.02881	0.0238	0.95	715.3	21.6	23
122	16.3	4.75E-04	156.7	0.3483	0.02902	0.02398	0.95	715.3	21.5	23.1
117.5	15.69	4.97E-04	156.7	0.338	0.02817	0.02327	0.95	715.3	21.5	23.1
117.5	15.69	4.97E-04	156.7	0.338	0.02817	0.02327	0.95	715.3	21.5	23.1
117.5	15.69	4.74E-04	156.7	0.3222	0.02685	0.02218	0.95	715.3	21.5	23.1
117.5	15.69	4.74E-04	156.7	0.3222	0.02685	0.02218	0.95	715.3	21.5	23.1
117.5	15.69	4.74E-04	156.7	0.3222	0.02685	0.02218	0.95	715.3	21.5	23.3
113	15.09	4.86E-04	156.7	0.3057	0.02548	0.02104	0.95	715.3	21.5	23.3
113	15.09	4.86E-04	156.7	0.3057	0.02548	0.02104	0.95	715.3	21.5	23.3
113	15.09	4.95E-04	156.7	0.3113	0.02594	0.02143	0.95	715.3	21.5	23.3
113	15.09	4.92E-04	156.7	0.3096	0.0258	0.02131	0.95	715.3	21.5	23.3
113	15.09	4.92E-04	156.7	0.3096	0.0258	0.02131	0.95	715.3	21.5	23.5
108.5	14.49	4.90E-04	156.7	0.2844	0.0237	0.01958	0.95	715.3	21.5	23.5
108.5	14.49	4.90E-04	156.7	0.2844	0.0237	0.01958	0.95	715.3	21.5	23.5
108.5	14.49	4.95E-04	156.7	0.2868	0.0239	0.01975	0.95	715.3	21.5	23.5
108.5	14.49	4.95E-04	156.7	0.2868	0.0239	0.01975	0.95	715.3	21.5	23.5
108.5	14.49	4.93E-04	156.7	0.2858	0.02382	0.01968	0.95	715.3	21.4	23.6
104	13.89	4.87E-04	156.7	0.2596	0.02163	0.01787	0.95	715.3	21.4	23.6
104	13.89	4.98E-04	156.69	0.2653	0.02211	0.01826	0.95	715.3	21.4	23.6
104	13.89	4.82E-04	156.7	0.257	0.02142	0.01769	0.95	715.3	21.4	23.6
104	13.89	4.82E-04	156.7	0.257	0.02142	0.01769	0.95	715.3	21.4	23.6
104	13.89	4.82E-04	156.7	0.257	0.02142	0.01769	0.95	715.3	21.4	23.7
99.5	13.29	4.82E-04	156.7	0.2353	0.01961	0.0162	0.95	715.3	21.4	23.7
99.5	13.29	4.82E-04	156.7	0.2353	0.01961	0.0162	0.95	715.3	21.4	23.7
99.5	13.29	4.82E-04	156.7	0.2353	0.01961	0.0162	0.95	715.3	21.4	23.7
99.5	13.29	4.86E-04	156.7	0.237	0.01975	0.01632	0.95	715.3	21.4	23.7
99.5	13.29	4.86E-04	156.7	0.237	0.01975	0.01632	0.95	715.3	21.4	23.9
95	12.69	4.88E-04	156.7	0.2171	0.01809	0.01495	0.95	715.3	21.4	23.9
95	12.69	4.88E-04	156.7	0.2171	0.01809	0.01495	0.95	715.3	21.4	23.9
95	12.69	4.93E-04	156.7	0.2193	0.01827	0.01509	0.95	715.3	21.4	23.9
95	12.69	4.83E-04	156.7	0.2149	0.01791	0.01479	0.95	715.3	21.4	23.9
95	12.69	4.87E-04	156.7	0.2163	0.01803	0.01489	0.95	715.3	21.4	24.1
90.5	12.09	4.89E-04	156.7	0.1975	0.01646	0.0136	0.95	715.3	21.4	24.1
90.5	12.09	4.93E-04	156.7	0.1988	0.01656	0.01368	0.95	715.3	21.4	24.1
90.5	12.09	4.99E-04	156.7	0.2015	0.01679	0.01387	0.95	715.3	21.4	24.1
90.5	12.09	4.94E-04	156.7	0.1995	0.01663	0.01373	0.95	715.3	21.4	24.1
90.5	12.09	4.98E-04	156.7	0.201	0.01675	0.01384	0.95	715.3	21.2	24.1
90.5	12.09	4.91E-04	156.7	0.1982	0.01651	0.01364	0.95	715.3	21.2	24.1
90.5	12.09	4.89E-04	156.7	0.1974	0.01645	0.01359	0.95	715.3	21.2	24.1
90.5	12.09	4.95E-04	156.7	0.1996	0.01663	0.01374	0.95	715.3	21.2	24.1
90.5	12.09	4.94E-04	156.7	0.1991	0.01659	0.01371	0.95	715.3	21.2	24.1
90.5	12.09	4.94E-04	156.7	0.1992	0.0166	0.01371	0.95	715.3	21.2	24.2
90.5	12.09	4.90E-04	156.7	0.1977	0.01648	0.01361	0.95	715.3	21.2	24.2
90.5	12.09	4.73E-04	156.7	0.191	0.01592	0.01315	0.95	715.3	21.2	24.2
90.5	12.09	4.92E-04	156.7	0.1984	0.01653	0.01366	0.95	715.3	21.2	24.2
90.5	12.09	4.88E-04	156.7	0.1968	0.0164	0.01355	0.95	715.3	21.2	24.2
90.5	12.09	4.86E-04	156.7	0.1959	0.01632	0.01349	0.95	715.3	21.1	24.5
90.5	12.09	4.90E-04	156.7	0.1977	0.01647	0.01361	0.95	715.3	21.1	24.5
90.5	12.09	4.89E-04	156.7	0.1971	0.01642	0.01357	0.95	715.3	21.1	24.5
90.5	12.09	4.89E-04	156.7	0.1971	0.01642	0.01357	0.95	715.3	21.1	24.5
90.5	12.09	4.87E-04	156.7	0.1965	0.01637	0.01352	0.95	715.3	21.1	24.5
90.5	12.09	5.00E-04	156.69	0.2017	0.0168	0.01388	0.95	715.3	21	24.7
90.5	12.09	4.73E-04	156.7	0.1909	0.01591	0.01314	0.95	715.4	21	24.7
90.5	12.09	4.96E-04	156.7	0.2001	0.01667	0.01377	0.95	715.4	21	24.7
90.5	12.09	4.96E-04	156.7	0.2001	0.01667	0.01377	0.95	715.4	21	24.7
90.5	12.09	4.93E-04	156.7	0.199	0.01658	0.0137	0.95	715.4	21	24.7
90.5	12.09	4.99E-04	156.7	0.2015	0.01679	0.01387	0.95	715.4	21	24.8
90.5	12.09	5.01E-04	156.7	0.2021	0.01684	0.01391	0.95	715.4	21	24.8
90.5	12.09	5.02E-04	156.7	0.2025	0.01688	0.01394	0.95	715.4	21	24.8
90.5	12.09	5.02E-04	156.7	0.2025	0.01688	0.01394	0.95	715.4	21	24.8
90.5	12.09	4.96E-04	156.7	0.2003	0.01669	0.01379	0.95	715.4	21	24.8
90.5	12.09	4.79E-04	156.7	0.1933	0.01611	0.01331	0.95	715.4	21	25
86	11.49	4.89E-04	156.7	0.1783	0.01486	0.01227	0.95	715.4	21	25
86	11.49	4.89E-04	156.7	0.1781	0.01484	0.01226	0.95	715.4	21	25
86	11.49	4.87E-04	156.7	0.1773	0.01477	0.01221	0.95	715.4	21	25
86	11.49	4.84E-04	156.7	0.1762	0.01468	0.01213	0.95	715.4	21	25
86	11.49	4.69E-04	156.7	0.171	0.01425	0.01177	0.95	715.4	21	25.2
81.5	10.89	4.96E-04	156.7	0.1624	0.01353	0.01118	0.95	715.4	21	25.2
81.5	10.89	4.81E-04	156.7	0.1575	0.01313	0.01084	0.95	715.4	21	25.2
81.5	10.89	4.83E-04	156.7	0.1579	0.01316	0.01087	0.95	715.4	21	25.2
81.5	10.89	4.76E-04	156.7	0.1558	0.01298	0.01072	0.95	715.4	21	25.2
81.5	10.89	4.86E-04	156.7	0.1589	0.01324	0.01094	0.95	715.4	21	25.2

TABLA N° ANEXO C.74: Conductor 7, ACSR 3.51 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
33.6	24.1	712	0.94	114.1	15.24	3.51	0.5968

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	2.31E-03	157.71	1.4618	0.12182	0.10063	0.95	713.8	23.1	32.1
113	15.09	1.76E-03	157.77	1.1142	0.09285	0.0767	0.95	713.8	23.1	32.1
113	15.09	1.70E-03	157.77	1.0744	0.08953	0.07396	0.95	713.8	22.9	32.6
113	15.09	1.76E-03	157.77	1.1142	0.09285	0.0767	0.95	713.8	22.9	32.6
113	15.09	1.77E-03	157.76	1.1201	0.09334	0.07711	0.95	713.8	22.9	32.6
108.5	14.49	1.36E-03	157.77	0.7961	0.06634	0.0548	0.95	713.8	23	32.5
108.5	14.49	1.51E-03	157.76	0.8804	0.07337	0.06061	0.95	713.8	23	32.5
108.5	14.49	1.46E-03	157.76	0.8511	0.07092	0.05859	0.95	713.8	23	32.5
108.5	14.49	1.62E-03	157.76	0.9465	0.07887	0.06515	0.95	713.8	23.1	32.5
108.5	14.49	1.52E-03	157.76	0.8878	0.07398	0.06111	0.95	713.8	23.1	32.6
104	13.89	1.24E-03	157.76	0.664	0.05533	0.04571	0.95	713.8	23.1	32.6
104	13.89	1.26E-03	157.76	0.6741	0.05617	0.0464	0.95	713.8	23.1	32.6
104	13.89	1.29E-03	157.76	0.6926	0.05772	0.04768	0.95	713.8	23.1	32.6
104	13.89	1.18E-03	157.76	0.6337	0.0528	0.04362	0.95	713.8	23.1	32.6
104	13.89	1.18E-03	157.76	0.6337	0.0528	0.04362	0.95	713.8	23.1	32.6
99.5	13.29	6.69E-04	157.77	0.3286	0.02738	0.02262	0.95	713.8	23.1	32.6
99.5	13.29	6.48E-04	157.77	0.3181	0.02651	0.0219	0.95	713.8	23.1	32.6
99.5	13.29	6.58E-04	157.77	0.3232	0.02693	0.02225	0.95	713.8	23.1	32.6
99.5	13.29	6.58E-04	157.77	0.3232	0.02693	0.02225	0.95	713.8	23.1	32.6
99.5	13.29	6.58E-04	157.77	0.3232	0.02693	0.02225	0.95	713.8	23.1	32.6
95	12.69	6.38E-04	157.77	0.2855	0.02379	0.01965	0.95	713.8	23.1	32.6
95	12.69	6.38E-04	157.77	0.2855	0.02379	0.01965	0.95	713.8	23.1	32.7
95	12.69	6.35E-04	157.77	0.2841	0.02367	0.01955	0.95	713.8	23.1	32.7
95	12.69	6.38E-04	157.77	0.2855	0.02379	0.01965	0.95	713.8	23.1	32.7
95	12.69	6.38E-04	157.77	0.2855	0.02379	0.01965	0.95	713.8	23.1	32.7
90.5	12.09	6.09E-04	157.77	0.2476	0.02063	0.01704	0.95	714.2	23.1	32.8
90.5	12.09	6.41E-04	157.77	0.2603	0.02169	0.01792	0.95	714.2	23.1	32.8
90.5	12.09	6.35E-04	157.77	0.2578	0.02148	0.01775	0.95	714.2	23.1	33
90.5	12.09	6.53E-04	157.77	0.2654	0.02212	0.01827	0.95	714.2	23.1	33
90.5	12.09	6.53E-04	157.77	0.2654	0.02212	0.01827	0.95	714.2	23.1	33
90.5	12.09	6.53E-04	157.77	0.2654	0.02212	0.01827	0.95	714.2	23.1	33
90.5	12.09	6.53E-04	157.77	0.2654	0.02212	0.01827	0.95	714.2	23.1	33
90.5	12.09	6.53E-04	157.77	0.2654	0.02212	0.01827	0.95	714.2	23.1	33
90.5	12.09	7.04E-04	157.77	0.2859	0.02382	0.01968	0.95	714.2	23.1	33.1
90.5	12.09	6.50E-04	157.77	0.2639	0.02199	0.01817	0.95	714.2	23.1	33.1
90.5	12.09	7.04E-04	157.77	0.2859	0.02382	0.01968	0.95	714.2	23.1	33.1
90.5	12.09	6.55E-04	157.77	0.2661	0.02217	0.01832	0.95	714.2	23.1	33.1
90.5	12.09	6.54E-04	157.77	0.2656	0.02213	0.01828	0.95	714.2	23.1	33.1
90.5	12.09	7.01E-04	157.77	0.2846	0.02371	0.01959	0.95	714.2	23.1	33.3
90.5	12.09	6.16E-04	157.77	0.2501	0.02084	0.01722	0.95	714.2	23.1	33.3
90.5	12.09	6.64E-04	157.77	0.2699	0.02249	0.01858	0.95	714.2	23.1	33.3
90.5	12.09	6.64E-04	157.77	0.2699	0.02249	0.01858	0.95	714.2	23.1	33.3
90.5	12.09	6.66E-04	157.77	0.2705	0.02255	0.01862	0.95	714.2	23.1	33.3
90.5	12.09	6.74E-04	157.77	0.2737	0.02281	0.01884	0.95	714.2	23.1	33.3
90.5	12.09	6.83E-04	157.76	0.2776	0.02313	0.01911	0.95	714.2	23.1	33.3
90.5	12.09	6.50E-04	157.77	0.2642	0.02201	0.01818	0.95	714.2	23.1	33.3
90.5	12.09	6.65E-04	157.77	0.2703	0.02252	0.01861	0.95	714.2	23.1	33.3
90.5	12.09	7.16E-04	157.77	0.291	0.02425	0.02003	0.95	714.2	23.1	33.3
90.5	12.09	6.85E-04	157.77	0.2782	0.02318	0.01915	0.95	714.2	23.1	33.3
90.5	12.09	6.88E-04	157.77	0.2795	0.02329	0.01924	0.95	714.2	23.1	33.3
90.5	12.09	6.88E-04	157.77	0.2795	0.02329	0.01924	0.95	714.2	23.1	33.3
90.5	12.09	6.75E-04	157.77	0.2744	0.02286	0.01889	0.95	714.2	23.1	33.3
90.5	12.09	6.75E-04	157.77	0.2744	0.02286	0.01889	0.95	714.2	23.1	33.4
90.5	12.09	6.75E-04	157.77	0.2744	0.02286	0.01889	0.95	715	23.1	33.4
90.5	12.09	6.56E-04	157.77	0.2664	0.0222	0.01834	0.95	715	23.1	33.4
86	11.49	6.36E-04	157.81	0.2334	0.01945	0.01607	0.95	715	23.1	33.4
86	11.49	6.06E-04	157.81	0.2225	0.01854	0.01532	0.95	715	23.1	33.4
86	11.49	6.06E-04	157.81	0.2225	0.01854	0.01532	0.95	715	23.1	33.4
86	11.49	6.06E-04	157.81	0.2225	0.01854	0.01532	0.95	715	23.1	33.4
88	11.49	6.02E-04	157.81	0.2207	0.0184	0.0152	0.95	715	23.1	33.6
81.5	10.89	6.02E-04	157.81	0.1982	0.01652	0.01365	0.95	715	23.1	33.6
81.5	10.89	6.02E-04	157.81	0.1982	0.01652	0.01365	0.95	715	23.1	33.6
81.5	10.89	6.02E-04	157.81	0.1982	0.01652	0.01365	0.95	715	23.1	33.6
81.5	10.89	6.02E-04	157.81	0.1982	0.01652	0.01365	0.95	715	23.1	33.6
81.5	10.89	6.02E-04	157.81	0.1982	0.01652	0.01365	0.95	715	23.1	33.7
77	10.29	5.86E-04	157.81	0.1723	0.01436	0.01186	0.95	715	23.1	33.7
77	10.29	6.11E-04	157.81	0.1797	0.01498	0.01237	0.95	715	23.1	33.7
77	10.29	5.91E-04	157.81	0.1737	0.01448	0.01196	0.95	715	23.1	33.7
77	10.29	5.91E-04	157.81	0.1737	0.01448	0.01196	0.95	715	23.1	33.7
77	10.29	5.91E-04	157.81	0.1737	0.01448	0.01196	0.95	715	23.1	33.8
72	9.62	5.89E-04	157.81	0.1515	0.01262	0.01043	0.95	715	23.1	33.8
72	9.62	5.89E-04	157.81	0.1515	0.01262	0.01043	0.95	715	23.1	33.8
72	9.62	5.91E-04	157.81	0.1519	0.01266	0.01046	0.95	715	23.1	33.8
72	9.62	5.91E-04	157.81	0.1519	0.01266	0.01046	0.95	715	23.1	33.8
72	9.62	5.91E-04	157.81	0.1519	0.01266	0.01046	0.95	715	23.1	33.9
67.5	9.02	5.97E-04	157.81	0.1349	0.01124	0.00929	0.95	715	23.1	33.9
67.5	9.02	5.97E-04	157.81	0.1349	0.01124	0.00929	0.95	715	23.1	33.9
67.5	9.02	5.97E-04	157.81	0.1349	0.01124	0.00929	0.95	715	23.1	33.9
67.5	9.02	5.87E-04	157.81	0.1328	0.01107	0.00914	0.95	715	22.9	34.2
67.5	9.02	6.08E-04	157.81	0.1374	0.01145	0.00946	0.95	715	22.9	34.2

TABLA N° ANEXO C.75: Conductor 7, ACSR 3.51 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
30	25	712.8	0.94	76.81	10.26	3.51	0.4024

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	2.28E-01	169.08	154.7349	12.89458	10.65178	0.92	710.4	28.2	14.2
113	15.09	2.31E-01	168.87	156.4623	13.03852	10.77069	0.92	710.4	28.2	14.2
113	15.09	2.26E-01	169.2	153.756	12.813	10.5844	0.92	710.4	28.2	14.2
113	15.09	2.33E-01	169.57	158.3714	13.19762	10.90212	0.92	710.4	28.2	14.2
113	15.09	2.33E-01	169	157.8231	13.15192	10.86437	0.92	710.4	28.2	14.2
108.5	14.49	1.67E-01	166.26	102.7661	8.56384	7.0743	0.93	710.4	28.1	14.1
108.5	14.49	1.68E-01	166.48	103.4837	8.62364	7.1237	0.93	710.4	28.1	14.1
108.5	14.49	1.71E-01	166.58	105.482	8.79017	7.26127	0.93	710.4	28.1	14.1
108.5	14.49	1.68E-01	166.5	103.3007	8.60839	7.11111	0.93	710.4	28.1	14.1
108.5	14.49	1.68E-01	166.58	103.3512	8.6126	7.11459	0.93	710.4	28.1	14.1
104	13.89	1.12E-01	164.51	62.479	5.20658	4.30099	0.93	710.4	28	14.4
104	13.89	1.15E-01	164.67	64.1218	5.34348	4.41408	0.93	710.4	28	14.4
104	13.89	1.15E-01	164.49	64.0509	5.33757	4.40919	0.93	710.4	28	14.4
104	13.89	1.09E-01	164.62	60.7603	5.06336	4.18267	0.93	710.4	28	14.4
104	13.89	1.12E-01	164.5	62.6483	5.22069	4.31264	0.93	710.4	28	14.4
99.5	13.29	6.14E-02	163.6	31.2783	2.60652	2.15316	0.93	710.4	27.7	14.5
99.5	13.29	6.02E-02	163.62	30.6431	2.55359	2.10944	0.93	710.4	27.7	14.5
99.5	13.29	5.83E-02	163.66	29.6858	2.47382	2.04354	0.93	710.4	27.7	14.5
99.5	13.29	6.11E-02	163.61	31.1195	2.5933	2.14224	0.93	710.4	27.7	14.5
99.5	13.29	6.14E-02	163.6	31.2743	2.60619	2.15289	0.93	710.4	27.7	14.5
95	12.69	3.19E-02	163.53	14.7907	1.23255	1.01817	0.93	710.2	27.6	14.8
95	12.69	3.19E-02	163.53	14.7907	1.23255	1.01817	0.93	710.2	27.6	14.8
95	12.69	3.19E-02	163.53	14.7914	1.23262	1.01822	0.93	710.2	27.6	14.8
95	12.69	3.16E-02	163.53	14.6401	1.22001	1.00781	0.93	710.2	27.6	14.8
95	12.69	3.16E-02	163.28	14.6173	1.21811	1.00624	0.93	710.2	27.6	14.8
90.5	12.09	1.49E-02	163.41	6.2725	0.5227	0.43179	0.93	710.2	27.6	14.8
90.5	12.09	1.65E-02	163.14	6.9222	0.57685	0.47652	0.93	710.2	27.6	15.2
90.5	12.09	1.62E-02	163.4	6.8016	0.5668	0.46821	0.93	710.2	27.6	15.2
90.5	12.09	1.43E-02	163.16	5.9956	0.49963	0.41273	0.93	710.2	27.6	15.2
90.5	12.09	1.64E-02	163.4	6.9152	0.57626	0.47603	0.93	710.2	27.6	15.2
90.5	12.09	1.58E-02	163.39	6.6499	0.55416	0.45777	0.93	710.2	27.6	15.2
90.5	12.09	1.42E-02	163.53	5.9684	0.49736	0.41086	0.93	710.2	27.5	15.2
90.5	12.09	1.32E-02	163.45	5.566	0.46383	0.38316	0.93	710.2	27.5	14.6
90.5	12.09	1.32E-02	163.6	5.5711	0.46426	0.38351	0.93	710.2	27.5	14.6
90.5	12.09	1.32E-02	163.6	5.5711	0.46426	0.38351	0.93	710.2	27.5	14.6
90.5	12.09	1.42E-02	163.34	5.9586	0.49655	0.41019	0.93	710.2	27.5	14.6
90.5	12.09	1.42E-02	163.34	5.9586	0.49655	0.41019	0.93	710.1	27.6	14.6
90.5	12.09	1.42E-02	163.34	5.9586	0.49655	0.41019	0.93	710.1	27.6	15.1
90.5	12.09	1.42E-02	163.32	5.9582	0.49652	0.41016	0.93	710.1	27.6	15.1
90.5	12.09	1.51E-02	163.35	6.3554	0.52961	0.4375	0.93	710.1	27.6	15.1
90.5	12.09	1.57E-02	163.32	6.6184	0.55153	0.4556	0.93	710.1	27.6	15.3
90.5	12.09	1.54E-02	163.33	6.4867	0.54056	0.44654	0.93	710.1	27.6	15.3
90.5	12.09	1.42E-02	163.35	5.959	0.49659	0.41021	0.93	710.1	27.5	15.3
90.5	12.09	1.48E-02	163.34	6.2232	0.5186	0.4284	0.93	710.1	27.5	15.3
90.5	12.09	1.48E-02	163.34	6.2232	0.5186	0.4284	0.93	710.1	27.5	16.1
90.5	12.09	1.45E-02	163.35	6.0911	0.50759	0.41931	0.93	710.1	27.5	16.1
90.5	12.09	1.54E-02	163.34	6.4873	0.54061	0.44658	0.93	710.1	27.3	16.1
90.5	12.09	1.57E-02	163.34	6.6194	0.55161	0.45567	0.93	710	27.3	16.1
90.5	12.09	1.64E-02	163.34	6.8835	0.57362	0.47385	0.93	710	27.3	16.5
90.5	12.09	1.64E-02	163.34	6.8835	0.57362	0.47385	0.93	710	27.3	16.5
90.5	12.09	1.61E-02	163.34	6.7516	0.56263	0.46477	0.93	710	27.3	16.5
90.5	12.09	1.61E-02	163.34	6.7516	0.56263	0.46477	0.93	710	27.3	16.5
90.5	12.09	1.61E-02	163.36	6.7521	0.56268	0.46481	0.93	710	27.3	16.5
90.5	12.09	1.64E-02	163.35	6.8842	0.57368	0.4739	0.93	710	27.3	16.5
90.5	12.09	1.64E-02	163.35	6.8842	0.57368	0.4739	0.93	710	27.3	16.5
86	11.49	8.20E-03	163.34	3.1139	0.25949	0.21436	0.93	710	27.3	16
86	11.49	7.83E-03	163.33	2.9742	0.24785	0.20474	0.93	710	27.3	16
86	11.49	8.23E-03	163.32	3.1256	0.26047	0.21516	0.93	710	27.3	16
86	11.49	7.97E-03	163.34	3.028	0.25234	0.20845	0.93	710	27.3	16
86	11.49	8.17E-03	163.34	3.1044	0.2587	0.2137	0.93	710	27.3	16
81.5	10.89	4.62E-03	163.35	1.5752	0.13127	0.10844	0.93	710	27.3	16.2
81.5	10.89	4.26E-03	163.34	1.4541	0.12117	0.1001	0.93	710	27.3	16.2
81.5	10.89	3.61E-03	163.34	1.2323	0.10269	0.08483	0.93	710	27.3	16.2
81.5	10.89	3.71E-03	163.34	1.2665	0.10555	0.08719	0.93	710	27.3	16.2
81.5	10.89	3.65E-03	163.35	1.2462	0.10385	0.08579	0.93	710	27.3	16.2
77	10.29	2.51E-03	163.35	0.7633	0.06361	0.05254	0.93	710	27.3	16.2
77	10.29	2.37E-03	163.34	0.7212	0.0601	0.04964	0.93	710	27.3	16.3
77	10.29	2.37E-03	163.35	0.7222	0.06018	0.04971	0.93	710	27.3	16.3
77	10.29	2.42E-03	163.34	0.7365	0.06137	0.0507	0.93	710	27.3	16.3
77	10.29	2.51E-03	163.35	0.7652	0.06377	0.05268	0.93	710	27.2	16.3
72	9.62	1.39E-03	163.35	0.3713	0.03094	0.02556	0.93	710	27.2	16.6
72	9.62	1.43E-03	163.36	0.381	0.03175	0.02622	0.93	710	27.2	16.6
72	9.62	1.45E-03	163.35	0.3851	0.03209	0.02651	0.93	710	27.2	16.6
72	9.62	1.41E-03	163.35	0.3755	0.03129	0.02585	0.93	710	27.2	16.6
72	9.62	1.39E-03	163.35	0.3713	0.03094	0.02556	0.93	710	27.1	16.9
67.5	9.02	1.14E-03	163.35	0.2676	0.0223	0.01842	0.93	710	27.1	16.9
67.5	9.02	1.14E-03	163.35	0.2676	0.0223	0.01842	0.93	710	27.1	16.9
67.5	9.02	1.12E-03	163.35	0.2617	0.02181	0.01801	0.93	710	27.1	16.9
67.5	9.02	1.11E-03	163.35	0.2595	0.02162	0.01786	0.93	710	27.1	16.9
67.5	9.02	1.13E-03	163.36	0.2646	0.02205	0.01822	0.93	710	27.2	16.8

TABLA N° ANEXO C.76: Conductor 7, ACSR 3.51 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
42.3	23.1	715.8	0.95	36.45	4.87	3.51	0.1892

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	5.93E-01	226.51	539.3947	44.94956	37.13135	0.93	713.5	27.1	35.1
113	15.09	5.91E-01	226.35	536.7298	44.72748	36.9479	0.93	713.5	27.1	35.1
113	15.09	5.91E-01	226.35	536.7298	44.72748	36.9479	0.93	713.5	27.1	35.1
113	15.09	5.92E-01	226.69	538.3986	44.86655	37.06278	0.93	713.5	27.1	35.1
113	15.09	5.93E-01	226.57	538.927	44.91058	37.09915	0.93	713.5	27.1	35.6
108.5	14.49	5.72E-01	221.21	468.305	39.02542	32.23761	0.93	713.5	26.8	35.6
108.5	14.49	5.72E-01	221.01	467.6036	38.96697	32.18933	0.93	713.5	26.8	35.6
108.5	14.49	5.71E-01	221.11	467.4673	38.95561	32.17994	0.93	713.5	26.8	35.6
108.5	14.49	5.70E-01	220.72	465.5659	38.79716	32.04906	0.93	713.5	26.8	35.6
108.5	14.49	5.70E-01	220.72	465.5659	38.79716	32.04906	0.93	713.5	26.7	36.1
104	13.89	5.54E-01	216.67	408.3261	34.02717	28.10873	0.93	713.2	26.7	36.1
104	13.89	5.54E-01	216.52	407.7356	33.97797	28.06808	0.93	713.2	26.7	36.1
104	13.89	5.56E-01	216.96	410.3246	34.19372	28.2463	0.93	713.2	26.7	36.1
104	13.89	5.52E-01	216.65	406.832	33.90267	28.00588	0.93	713.2	26.7	36.1
104	13.89	5.54E-01	216.59	408.1175	34.00979	28.09437	0.93	713.2	26.7	36.3
99.5	13.29	5.39E-01	212.76	356.9749	29.74791	24.57377	0.93	713.1	26.7	36.3
99.5	13.29	5.39E-01	212.71	356.9117	29.74264	24.56942	0.93	713.1	26.7	36.3
99.5	13.29	5.39E-01	212.6	356.3105	29.69254	24.52803	0.93	713.1	26.7	36.3
99.5	13.29	5.39E-01	212.74	356.9729	29.74774	24.57363	0.93	713.1	26.7	36.3
99.5	13.29	5.41E-01	212.65	357.7387	29.81156	24.62634	0.93	713.1	26.7	36.4
95	12.69	5.23E-01	208.52	309.263	25.77192	21.28933	0.93	713.1	26.7	36.4
95	12.69	5.20E-01	208.16	307.2533	25.60444	21.15099	0.93	713.1	26.7	36.4
95	12.69	5.22E-01	208.21	308.0671	25.67226	21.20701	0.93	713.1	26.7	36.4
95	12.69	5.22E-01	208.18	308.1141	25.67617	21.21024	0.93	713.1	26.7	36.4
95	12.69	5.20E-01	207.89	306.6189	25.55157	21.10731	0.93	713.1	26.3	36.7
90.5	12.09	5.00E-01	203.82	262.593	21.88275	18.07662	0.93	713	26.3	36.7
90.5	12.09	5.01E-01	203.9	263.2459	21.93715	18.12156	0.93	713	26.3	36.7
90.5	12.09	5.00E-01	203.58	262.1969	21.84974	18.04935	0.93	713	26.3	36.7
90.5	12.09	4.96E-01	203.2	259.7139	21.64283	17.87843	0.93	713	26.3	36.7
90.5	12.09	5.00E-01	203.48	262.0792	21.83993	18.04125	0.93	713	26.7	36.8
90.5	12.09	5.00E-01	203.48	262.0792	21.83993	18.04125	0.93	713	26.7	36.8
90.5	12.09	5.00E-01	203.62	262.2082	21.85068	18.05013	0.93	713	26.7	36.8
90.5	12.09	5.00E-01	203.62	262.2082	21.85068	18.05013	0.93	713	26.7	36.8
90.5	12.09	5.00E-01	203.61	262.2276	21.8523	18.05146	0.93	713	26.7	36.8
90.5	12.09	5.01E-01	203.9	263.2605	21.93838	18.12257	0.93	713	26.7	36.8
90.5	12.09	5.01E-01	203.9	263.2605	21.93838	18.12257	0.93	713	26.7	36.8
90.5	12.09	5.01E-01	203.9	262.9158	21.90965	18.09884	0.93	713	26.7	36.8
90.5	12.09	4.99E-01	203.47	261.3673	21.78061	17.99224	0.93	713	26.7	36.8
90.5	12.09	4.99E-01	203.58	261.5107	21.79256	18.00212	0.93	713	26.7	36.8
90.5	12.09	4.99E-01	203.58	261.5104	21.79253	18.00209	0.93	713	26.7	36.8
90.5	12.09	4.99E-01	203.58	261.5104	21.79253	18.00209	0.93	713	26.7	36.8
90.5	12.09	4.99E-01	203.56	261.5104	21.79253	18.00209	0.93	713	26.7	36.8
90.5	12.09	4.99E-01	203.58	261.5104	21.79253	18.00209	0.93	713	26.7	36
90.5	12.09	5.00E-01	203.51	261.8716	21.82264	18.02696	0.93	712.8	26.7	36
90.5	12.09	5.00E-01	203.7	262.1185	21.84321	18.04395	0.93	712.8	26.7	37.2
90.5	12.09	5.00E-01	203.71	262.1396	21.84496	18.0454	0.93	712.8	26.7	37.2
90.5	12.09	5.00E-01	203.71	262.1396	21.84496	18.0454	0.93	712.8	26.7	37.2
90.5	12.09	5.00E-01	203.52	261.7761	21.81467	18.02038	0.93	712.8	26.7	37.2
90.5	12.09	5.03E-01	203.76	263.7149	21.97624	18.15385	0.93	712.8	26.7	38.1
90.5	12.09	5.03E-01	204	264.3793	22.03161	18.19958	0.93	712.8	26.7	38.1
90.5	12.09	5.01E-01	203.77	262.9432	21.91193	18.10072	0.93	712.8	26.7	38.1
90.5	12.09	4.99E-01	203.25	260.9692	21.74743	17.96484	0.93	712.8	26.7	38.1
90.5	12.09	4.99E-01	203.25	260.9692	21.74743	17.96484	0.93	712.8	26.7	38.1
90.5	12.09	4.98E-01	203.14	260.612	21.71766	17.94025	0.93	712.8	26.7	38.1
90.5	12.09	5.00E-01	203.32	261.819	21.81825	18.02334	0.93	712.8	26.7	38.2
86	11.49	4.76E-01	199.04	220.4147	18.36789	15.17311	0.93	712.6	26.7	38.2
86	11.49	4.76E-01	199.04	220.4147	18.36789	15.17311	0.93	712.6	26.7	38.2
86	11.49	4.79E-01	199.78	222.6938	18.55781	15.33	0.93	712.6	26.7	38.2
86	11.49	4.79E-01	199.6	222.4903	18.54086	15.31599	0.93	712.6	26.7	38.2
86	11.49	4.78E-01	199.43	221.4298	18.45249	15.24299	0.93	712.6	26.7	37.8
81.5	10.89	4.45E-01	193.82	180.051	15.00425	12.39452	0.93	712.6	26.7	37.8
81.5	10.89	4.45E-01	193.82	180.051	15.00425	12.39452	0.93	712.6	26.7	37.8
81.5	10.89	4.45E-01	193.85	180.3091	15.02576	12.41229	0.93	712.6	26.3	37.8
81.5	10.89	4.47E-01	194.06	181.0267	15.08556	12.46168	0.93	712.6	26.3	37.8
81.5	10.89	4.48E-01	194.24	181.7072	15.14226	12.50852	0.93	712.6	26.3	37.8
77	10.29	4.15E-01	189.08	146.1574	12.17978	10.06132	0.93	712.6	26.3	38
77	10.29	4.15E-01	189.35	146.6125	12.21771	10.09265	0.93	712.5	26.7	38
77	10.29	4.13E-01	189.19	145.79	12.14917	10.03603	0.93	712.5	26.7	38
77	10.29	4.15E-01	189.22	146.2597	12.18831	10.06836	0.93	712.5	26.7	38
77	10.29	4.16E-01	189.45	146.8829	12.24024	10.11126	0.93	712.5	26.7	38.4
72	9.62	3.71E-01	183.9	111.1462	9.26218	7.65118	0.93	712.8	26.7	38.4
72	9.62	3.71E-01	183.9	111.1462	9.26218	7.65118	0.93	712.8	26.7	38.4
72	9.62	3.69E-01	183.76	110.499	9.20825	7.60663	0.93	712.8	26.7	38.4
72	9.62	3.72E-01	183.95	111.5123	9.29269	7.67639	0.93	712.8	26.7	38.4
72	9.62	3.73E-01	183.99	111.9126	9.32605	7.70394	0.93	712.8	26.7	38.2
67.5	9.02	3.29E-01	179.56	84.6754	7.05628	5.82896	0.93	712.8	26.3	38.2
67.5	9.02	3.29E-01	179.62	84.5486	7.04572	5.82023	0.93	712.8	26.3	38.2
67.5	9.02	3.27E-01	179.45	84.0635	7.00529	5.78584	0.93	712.8	26.3	38.2
67.5	9.02	3.26E-01	179.34	83.6554	6.97128	5.75875	0.93	712.8	26.3	38.2
67.5	9.02	3.27E-01	179.44	83.978	6.99817	5.78096	0.93	712.8	26.3	38.2

TABLA N° ANEXO C.77: Conductor 7, ACSR 3.51 cm.

Muestra 2. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
38.4	28.4	709.5	0.92	156.95	20.96	3.51	0.8343

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
126.5	16.9	4.61E-04	156.68	0.3635	0.03029	0.02502	0.93	710.8	27.8	35.5
126.5	16.9	4.61E-04	156.68	0.3635	0.03029	0.02502	0.93	710.8	27.8	35.5
126.5	16.9	4.82E-04	156.68	0.3796	0.03163	0.02613	0.93	710.8	27.8	35.5
126.5	16.9	4.50E-04	156.68	0.3548	0.02957	0.02443	0.93	710.8	27.8	35.5
126.5	16.9	4.77E-04	156.68	0.3759	0.03132	0.02588	0.93	710.8	27.8	35.5
122	16.3	4.77E-04	156.68	0.3496	0.02913	0.02407	0.93	710.8	27.7	35.6
122	16.3	4.85E-04	156.68	0.3554	0.02961	0.02446	0.93	710.8	27.7	35.6
122	16.3	4.83E-04	156.68	0.3544	0.02954	0.0244	0.93	710.8	27.7	35.6
122	16.3	4.71E-04	156.68	0.3455	0.02879	0.02378	0.93	710.8	27.7	35.6
122	16.3	4.70E-04	156.68	0.3448	0.02873	0.02373	0.93	710.8	27.7	35.6
117.5	15.69	4.70E-04	156.68	0.3198	0.02665	0.02202	0.93	711	27.6	35.9
117.5	15.69	4.65E-04	156.68	0.3162	0.02635	0.02177	0.93	711	27.6	35.9
117.5	15.69	4.90E-04	156.67	0.333	0.02775	0.02293	0.93	711	27.6	35.9
117.5	15.69	4.95E-04	156.67	0.3367	0.02806	0.02318	0.93	711	27.6	35.9
117.5	15.69	4.95E-04	156.67	0.3365	0.02804	0.02316	0.93	711	27.6	35.9
113	15.09	4.83E-04	156.67	0.3039	0.02532	0.02092	0.93	711	27.6	35.3
113	15.09	4.83E-04	156.67	0.3039	0.02532	0.02092	0.93	711	27.6	35.3
113	15.09	4.81E-04	156.67	0.3025	0.02521	0.02082	0.93	711	27.6	35.3
113	15.09	4.74E-04	156.67	0.2983	0.02486	0.02054	0.93	711	27.6	35.3
113	15.09	4.94E-04	156.67	0.3106	0.02588	0.02138	0.93	711	27.6	35.3
108.5	14.49	4.92E-04	156.67	0.2851	0.02376	0.01962	0.93	711.1	27.6	36.4
108.5	14.49	4.83E-04	156.67	0.2803	0.02336	0.0193	0.93	711.1	27.6	36.4
108.5	14.49	4.72E-04	156.67	0.274	0.02283	0.01886	0.93	711.1	27.6	36.4
108.5	14.49	4.81E-04	156.67	0.2789	0.02324	0.0192	0.93	711.1	27.6	36.4
108.5	14.49	4.81E-04	156.67	0.2789	0.02324	0.0192	0.93	711.1	27.6	36.4
104	13.89	4.77E-04	156.67	0.254	0.02116	0.01748	0.93	711.1	27.6	36.6
104	13.89	4.76E-04	156.67	0.2534	0.02112	0.01744	0.93	711.1	27.6	36.6
104	13.89	4.76E-04	156.67	0.2534	0.02112	0.01744	0.93	711.1	27.6	36.6
104	13.89	4.86E-04	156.67	0.2592	0.0216	0.01784	0.93	711.1	27.6	36.6
104	13.89	4.75E-04	156.67	0.2532	0.0211	0.01743	0.93	711.1	27.6	36.6
99.5	13.29	4.84E-04	156.67	0.2359	0.01966	0.01624	0.93	711.1	27.6	36.8
99.5	13.29	4.79E-04	156.67	0.2336	0.01947	0.01608	0.93	711.1	27.6	36.8
99.5	13.29	4.86E-04	156.67	0.2371	0.01976	0.01632	0.93	711.1	27.6	36.8
99.5	13.29	4.73E-04	156.67	0.2308	0.01923	0.01589	0.93	711.1	27.6	36.8
99.5	13.29	4.74E-04	156.67	0.231	0.01925	0.0159	0.93	711.1	27.6	36.8
95	12.69	4.92E-04	156.67	0.2185	0.01821	0.01504	0.93	711.5	27.6	37
95	12.69	4.85E-04	156.67	0.2158	0.01798	0.01485	0.93	711.5	27.6	37
95	12.69	4.85E-04	156.67	0.2158	0.01798	0.01485	0.93	711.5	27.6	37
95	12.69	4.71E-04	156.67	0.2095	0.01746	0.01442	0.93	711.5	27.6	37
95	12.69	4.73E-04	156.67	0.2101	0.01751	0.01446	0.93	711.5	27.6	37
90.5	12.09	4.81E-04	156.67	0.1939	0.01616	0.01335	0.93	711.5	27.6	37.1
90.5	12.09	4.80E-04	156.67	0.1938	0.01615	0.01334	0.93	711.5	27.6	37.1
90.5	12.09	4.91E-04	156.67	0.198	0.0165	0.01363	0.93	711.5	27.6	37.1
90.5	12.09	4.82E-04	156.67	0.1945	0.01621	0.01339	0.93	711.5	27.6	37.1
90.5	12.09	4.86E-04	156.67	0.1959	0.01633	0.01349	0.93	711.5	27.6	37.1
90.5	12.09	4.86E-04	156.67	0.1959	0.01633	0.01349	0.93	711.5	27.6	37.1
90.5	12.09	4.74E-04	156.67	0.1911	0.01593	0.01316	0.93	711.5	27.6	37.1
90.5	12.09	4.70E-04	156.67	0.1897	0.01581	0.01306	0.93	711.5	27.4	37.3
90.5	12.09	4.84E-04	156.67	0.1954	0.01628	0.01345	0.93	711.5	27.4	37.3
90.5	12.09	4.86E-04	156.67	0.1959	0.01633	0.01349	0.93	711.5	27.4	37.3
90.5	12.09	4.79E-04	156.67	0.1931	0.01609	0.0133	0.93	711.5	27.4	37.3
90.5	12.09	4.90E-04	156.67	0.1978	0.01649	0.01362	0.93	711.5	27.4	37.3
90.5	12.09	4.75E-04	156.67	0.1916	0.01597	0.01319	0.93	711.5	27.4	37.3
90.5	12.09	4.75E-04	156.67	0.1915	0.01596	0.01316	0.93	711.5	27.4	37.3
90.5	12.09	4.84E-04	156.67	0.1952	0.01626	0.01344	0.93	711.5	27.4	37.3
90.5	12.09	4.84E-04	156.67	0.1952	0.01626	0.01344	0.93	711.5	27.4	37.3
90.5	12.09	4.79E-04	156.67	0.1934	0.01612	0.01331	0.93	711.5	27.4	37.3
90.5	12.09	4.87E-04	156.67	0.1964	0.01637	0.01352	0.93	711.5	27.4	37.3
90.5	12.09	4.87E-04	156.67	0.1964	0.01637	0.01352	0.93	711.5	27.4	37.3
90.5	12.09	4.87E-04	156.67	0.1964	0.01637	0.01352	0.93	711.5	27.4	37.3
90.5	12.09	4.87E-04	156.67	0.1964	0.01637	0.01352	0.93	711.5	27.4	37.3
90.5	12.09	4.76E-04	156.67	0.192	0.016	0.01322	0.93	711.5	27.3	37.4
90.5	12.09	4.73E-04	156.67	0.1909	0.0159	0.01314	0.93	711.5	27.3	37.4
90.5	12.09	4.74E-04	156.67	0.1911	0.01593	0.01316	0.93	711.5	27.3	37.4
90.5	12.09	4.87E-04	156.67	0.1964	0.01637	0.01352	0.93	711.5	27.3	37.4
90.5	12.09	4.82E-04	156.67	0.1943	0.01619	0.01337	0.93	711.5	27.3	37.4
90.5	12.09	4.94E-04	156.67	0.1992	0.0166	0.01371	0.93	711.5	27.3	37.4
90.5	12.09	4.72E-04	156.67	0.1904	0.01586	0.0131	0.93	711.5	27.3	37.4
90.5	12.09	4.91E-04	156.67	0.1982	0.01652	0.01364	0.93	711.5	27.3	37.4
90.5	12.09	4.88E-04	156.67	0.1969	0.01641	0.01356	0.93	711.5	27.4	37.5
86	11.49	4.65E-04	156.67	0.1694	0.01411	0.01166	0.93	711.5	27.4	37.5
86	11.49	4.84E-04	156.67	0.1764	0.0147	0.01214	0.93	711.5	27.4	37.5
86	11.49	4.82E-04	156.67	0.1756	0.01463	0.01208	0.93	711.5	27.4	37.5
86	11.49	4.83E-04	156.67	0.1758	0.01465	0.0121	0.93	711.5	27.4	37.5
86	11.49	4.83E-04	156.67	0.1758	0.01465	0.0121	0.93	711.5	27.4	37.5
81.5	10.89	4.83E-04	156.67	0.1579	0.01316	0.01087	0.93	711.5	27.3	37.6
81.5	10.89	4.84E-04	156.67	0.1585	0.01321	0.01091	0.93	711.5	27.3	37.6
81.5	10.89	4.87E-04	156.67	0.1592	0.01327	0.01096	0.93	711.5	27.3	37.6
81.5	10.89	4.84E-04	156.67	0.1583	0.01319	0.0109	0.93	711.5	27.3	37.6
81.5	10.89	4.84E-04	156.67	0.1583	0.01319	0.0109	0.93	711.5	27.3	37.6

TABLA N° ANEXO C.78: Conductor 7, ACSR 3.51 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
39.7	23	717	0.95	120.5	16.1	3.51	0.6242

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	1.03E-03	157.99	0.6535	0.05446	0.04499	0.95	718.3	22.7	40.4
113	15.09	9.58E-04	158	0.6077	0.05064	0.04183	0.95	718.3	22.7	40.4
113	15.09	9.36E-04	157.99	0.5937	0.04948	0.04087	0.95	718.3	22.7	40.4
113	15.09	9.30E-04	158	0.5898	0.04915	0.0406	0.95	718.3	22.7	40.4
113	15.09	9.74E-04	157.99	0.6177	0.05147	0.04252	0.95	718.3	22.7	40.4
108.5	14.49	8.11E-04	157.99	0.4745	0.03954	0.03266	0.95	718.3	22.6	40.5
108.5	14.49	8.08E-04	157.99	0.4726	0.03939	0.03254	0.95	718.3	22.6	40.5
108.5	14.49	8.11E-04	157.99	0.4745	0.03954	0.03266	0.95	718.3	22.6	40.5
108.5	14.49	8.11E-04	157.99	0.4745	0.03954	0.03266	0.95	718.3	22.6	40.5
108.5	14.49	8.21E-04	157.99	0.48	0.04	0.03304	0.95	718.3	22.6	40.5
104	13.89	7.15E-04	157.99	0.3841	0.03201	0.02644	0.95	718.3	22.6	40.5
104	13.89	7.15E-04	157.99	0.3841	0.03201	0.02644	0.95	718.3	22.6	40.5
104	13.89	7.17E-04	157.99	0.3851	0.03209	0.02651	0.95	718.3	22.4	40.3
104	13.89	7.17E-04	157.99	0.3851	0.03209	0.02651	0.95	718.3	22.4	40.3
104	13.89	7.00E-04	158	0.3759	0.03132	0.02587	0.95	718.3	22.4	40.3
99.5	13.29	6.25E-04	157.99	0.3074	0.02562	0.02116	0.95	718.3	22.4	40.3
99.5	13.29	6.27E-04	157.99	0.3082	0.02568	0.02122	0.95	718.3	22.4	40.3
99.5	13.29	6.19E-04	157.99	0.3043	0.02536	0.02095	0.95	718.3	22.4	40.3
99.5	13.29	6.19E-04	157.99	0.3043	0.02536	0.02095	0.95	718.3	22.4	40.3
99.5	13.29	6.27E-04	157.99	0.3082	0.02568	0.02122	0.95	718.3	22.4	40.6
95	12.69	5.91E-04	157.99	0.2647	0.02206	0.01823	0.95	718.3	22.4	40.6
95	12.69	6.06E-04	157.99	0.2718	0.02265	0.01871	0.95	718.3	22.4	40.6
95	12.69	6.00E-04	157.99	0.269	0.02241	0.01852	0.95	718.3	22.4	40.6
95	12.69	5.97E-04	157.99	0.2676	0.0223	0.01842	0.95	718.3	22.4	40.6
95	12.69	5.91E-04	157.99	0.2647	0.02206	0.01822	0.95	718.3	22.3	41.2
90.5	12.09	5.65E-04	157.99	0.23	0.01917	0.01584	0.95	718.3	22.3	41.2
90.5	12.09	5.87E-04	157.99	0.239	0.01992	0.01645	0.95	718.3	22.3	41.2
90.5	12.09	5.94E-04	157.99	0.2415	0.02013	0.01663	0.95	718.3	22.3	41.2
90.5	12.09	5.94E-04	157.99	0.2415	0.02013	0.01663	0.95	718	22.3	41.2
90.5	12.09	5.86E-04	157.99	0.2383	0.01986	0.01641	0.95	718	22.3	41.2
90.5	12.09	5.81E-04	157.99	0.2364	0.0197	0.01628	0.95	718	22.3	41.2
90.5	12.09	5.81E-04	157.99	0.2364	0.0197	0.01628	0.95	718	22.3	41.2
90.5	12.09	5.97E-04	157.99	0.2428	0.02023	0.01672	0.95	718	22.3	41.2
90.5	12.09	5.83E-04	157.99	0.2371	0.01976	0.01632	0.95	718	22.3	41.2
90.5	12.09	5.84E-04	157.99	0.2377	0.01981	0.01636	0.95	718	22.3	41.2
90.5	12.09	5.84E-04	157.99	0.2377	0.01981	0.01636	0.95	718	22.3	41.2
90.5	12.09	5.69E-04	157.99	0.2313	0.01928	0.01592	0.95	718	22.3	41.2
90.5	12.09	5.91E-04	157.99	0.2403	0.02002	0.01654	0.95	718	22.3	41.2
90.5	12.09	5.75E-04	157.99	0.2339	0.01949	0.0161	0.95	718	22.3	41.2
90.5	12.09	5.75E-04	157.99	0.2339	0.01949	0.0161	0.95	718	22.3	41.2
90.5	12.09	5.94E-04	157.99	0.2415	0.02013	0.01663	0.95	718	22.3	41.2
90.5	12.09	5.91E-04	157.99	0.2403	0.02002	0.01654	0.95	718	22.3	41.2
90.5	12.09	5.81E-04	157.99	0.2364	0.0197	0.01628	0.95	718	22.3	41.2
90.5	12.09	5.84E-04	157.99	0.2377	0.01981	0.01636	0.95	718	22.3	41.2
90.5	12.09	5.84E-04	157.99	0.2377	0.01981	0.01636	0.95	718	22.3	41.2
90.5	12.09	5.85E-04	157.99	0.238	0.01983	0.01638	0.95	718	22.3	41.2
90.5	12.09	5.84E-04	157.99	0.2377	0.01981	0.01636	0.95	718	22.3	41.2
90.5	12.09	5.84E-04	157.99	0.2377	0.01981	0.01636	0.95	718	22.3	41.2
90.5	12.09	5.95E-04	157.99	0.2422	0.02018	0.01667	0.95	718	22.3	41.2
90.5	12.09	5.84E-04	157.99	0.2377	0.01981	0.01636	0.95	718	22.3	41.2
90.5	12.09	5.87E-04	157.99	0.239	0.01992	0.01645	0.95	718	22.3	41.2
90.5	12.09	5.87E-04	157.99	0.239	0.01991	0.01645	0.95	718	22.3	41.2
90.5	12.09	5.78E-04	157.99	0.2351	0.0196	0.01619	0.95	718	22.3	41.2
90.5	12.09	6.00E-04	157.99	0.2441	0.02034	0.0168	0.95	718	22.3	41.2
90.5	12.09	5.75E-04	157.99	0.2339	0.01949	0.0161	0.95	718	22.3	41.3
86	11.49	5.81E-04	157.99	0.2135	0.01779	0.0147	0.95	718	22.3	41.3
86	11.49	5.97E-04	157.99	0.2193	0.01827	0.01509	0.95	718	22.3	41.3
86	11.49	5.84E-04	157.99	0.2147	0.01789	0.01478	0.95	718	22.3	41.3
86	11.49	5.84E-04	157.99	0.2147	0.01789	0.01478	0.95	718	22.3	41.3
86	11.49	5.79E-04	157.99	0.2126	0.01771	0.01463	0.95	718	22.3	41.3
81.5	10.89	5.62E-04	157.99	0.1855	0.01546	0.01277	0.95	718	22.3	41.3
81.5	10.89	5.73E-04	157.99	0.1892	0.01576	0.01302	0.95	718	22.3	41.3
81.5	10.89	5.73E-04	157.99	0.1891	0.01576	0.01302	0.95	718	22.3	41.3
81.5	10.89	5.75E-04	157.99	0.1897	0.01581	0.01306	0.95	718	22.3	41.3
81.5	10.89	5.73E-04	157.99	0.1891	0.01576	0.01302	0.95	718	22.3	41.4
77	10.29	5.67E-04	157.99	0.167	0.01392	0.0115	0.95	718	22.3	41.4
77	10.29	5.75E-04	157.99	0.1693	0.01411	0.01165	0.95	718	22.3	41.4
77	10.29	5.67E-04	157.99	0.167	0.01392	0.0115	0.95	718	22.3	41.4
77	10.29	5.62E-04	157.99	0.1656	0.0138	0.0114	0.95	718	22.3	41.4
77	10.29	5.69E-04	157.99	0.1676	0.01397	0.01154	0.95	718	22.3	41.4
72	9.62	5.65E-04	157.99	0.1456	0.01213	0.01002	0.95	718	22.3	41.4
72	9.62	5.65E-04	157.99	0.1456	0.01213	0.01002	0.95	718	22.3	41.4
72	9.62	5.72E-04	157.99	0.1472	0.01227	0.01013	0.95	718	22.3	41.4
72	9.62	5.68E-04	157.99	0.1462	0.01219	0.01007	0.95	718	22.3	41.4
72	9.62	5.65E-04	157.99	0.1456	0.01213	0.01002	0.95	718	22.3	41.4
67.5	9.02	5.64E-04	157.99	0.1276	0.01063	0.00878	0.95	718	22.3	41.4
67.5	9.02	5.53E-04	157.99	0.1251	0.01043	0.00861	0.95	718	22.3	41.4
67.5	9.02	5.56E-04	157.99	0.1258	0.01049	0.00866	0.95	718	22.3	41.4
67.5	9.02	5.64E-04	157.99	0.1276	0.01063	0.00878	0.95	718	22.3	41.4
67.5	9.02	5.80E-04	157.99	0.1312	0.01093	0.00903	0.95	718	22.3	41.4

TABLA N° ANEXO C.79: Conductor 7, ACSR 3.51 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
26.9	23.3	712	0.94	75.65	10.1	3.51	0.3947

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	2.10E-01	168.47	142.088	11.84067	9.78119	0.94	712.3	23.1	28
113	15.09	2.15E-01	168.45	145.0462	12.08719	9.98483	0.94	712.3	23.1	28
113	15.09	2.11E-01	168.42	142.4866	11.87388	9.80862	0.94	712.3	23.1	28
113	15.09	2.07E-01	168.09	139.9148	11.65957	9.63158	0.94	712.3	23.1	28
113	15.09	2.14E-01	168.49	144.7071	12.05892	9.96148	0.94	712.3	23.1	28.2
108.5	14.49	1.49E-01	165.78	91.4351	7.61959	6.29429	0.94	712.3	23.1	28.2
108.5	14.49	1.48E-01	165.57	90.5512	7.54593	6.23344	0.94	712.3	23.1	28.2
108.5	14.49	1.54E-01	165.81	94.3469	7.86224	6.49474	0.94	712.3	23.1	28.2
108.5	14.49	1.54E-01	165.92	94.4079	7.86732	6.49894	0.94	712.3	23.1	28.2
108.5	14.49	1.51E-01	165.96	92.5792	7.71494	6.37305	0.94	712.3	23	28.4
104	13.89	1.04E-01	164.45	58.2528	4.8544	4.01006	0.94	712.3	23	28.4
104	13.89	1.10E-01	164.51	61.6205	5.13504	4.24189	0.94	712.3	23	28.4
104	13.89	1.07E-01	164.61	60.0823	5.00686	4.136	0.94	712.3	23	28.4
104	13.89	1.02E-01	164.27	56.9792	4.74826	3.92238	0.94	712.3	23	28.4
104	13.89	1.04E-01	164.46	58.1153	4.84294	4.00059	0.94	712.3	22.9	28.5
99.5	13.29	6.94E-02	163.63	35.3264	2.94387	2.43183	0.94	712.3	22.9	28.5
99.5	13.29	6.31E-02	163.51	32.1029	2.67524	2.20993	0.94	712.3	22.9	28.5
99.5	13.29	6.03E-02	163.59	30.6795	2.55663	2.11194	0.94	712.3	22.9	28.5
99.5	13.29	6.12E-02	163.55	31.151	2.59591	2.1444	0.94	712.3	22.9	28.5
99.5	13.29	6.15E-02	163.47	31.3029	2.60858	2.15486	0.94	712.3	22.9	28.5
95	12.69	3.28E-02	163.3	15.2099	1.26749	1.04703	0.94	712.3	22.9	28.5
95	12.69	2.99E-02	163.25	13.8275	1.15229	0.95187	0.94	712.3	22.9	28.5
95	12.69	3.11E-02	163.26	14.4106	1.20089	0.99201	0.94	712.3	22.9	28.5
95	12.69	3.11E-02	163.26	14.4106	1.20089	0.99201	0.94	712.3	22.9	28.6
95	12.69	3.02E-02	163.26	13.9738	1.16448	0.96194	0.94	712	22.9	28.6
90.5	12.09	1.53E-02	163.25	6.4215	0.53513	0.44205	0.94	712	22.9	28.6
90.5	12.09	1.46E-02	163.24	6.1466	0.51222	0.42313	0.94	712	22.9	28.6
90.5	12.09	1.49E-02	163.22	6.2556	0.5213	0.43063	0.94	712	22.9	28.6
90.5	12.09	1.46E-02	163.23	6.1344	0.5112	0.42229	0.94	712	22.9	28.6
90.5	12.09	1.51E-02	163.24	6.3314	0.52761	0.43585	0.94	712	22.9	28.6
90.5	12.09	1.46E-02	163.23	6.1464	0.5122	0.42311	0.94	712	22.9	28.6
90.5	12.09	1.45E-02	163.24	6.0804	0.5067	0.41857	0.94	712	22.9	28.6
90.5	12.09	1.45E-02	163.23	6.0816	0.5068	0.41865	0.94	712	22.9	28.6
90.5	12.09	1.43E-02	163.23	6.0076	0.50064	0.41356	0.94	712	22.9	28.6
90.5	12.09	1.43E-02	163.23	5.9892	0.4991	0.41229	0.94	712	22.8	28.7
90.5	12.09	1.41E-02	163.23	5.9456	0.49547	0.40929	0.94	712	22.8	28.7
90.5	12.09	1.58E-02	163.24	6.6445	0.55371	0.4574	0.94	712	22.8	28.7
90.5	12.09	1.56E-02	163.24	6.5599	0.54666	0.45158	0.94	712	22.8	28.7
90.5	12.09	1.58E-02	163.24	6.6325	0.55271	0.45657	0.94	712	22.8	28.7
90.5	12.09	1.59E-02	163.24	6.6892	0.55744	0.46048	0.94	712	22.8	28.7
90.5	12.09	1.46E-02	163.23	6.1397	0.51164	0.42265	0.94	712	22.7	28.7
90.5	12.09	1.38E-02	163.24	5.8111	0.48426	0.40003	0.94	712	22.7	28.7
90.5	12.09	1.39E-02	163.24	5.8522	0.48768	0.40286	0.94	712	22.7	28.7
90.5	12.09	1.41E-02	163.24	5.9101	0.49251	0.40684	0.94	712	22.7	28.7
90.5	12.09	1.42E-02	163.24	5.9536	0.49614	0.40984	0.94	712	22.7	28.7
90.5	12.09	1.35E-02	163.24	5.6896	0.47414	0.39167	0.94	712	22.7	28.7
90.5	12.09	1.36E-02	163.24	5.724	0.477	0.39403	0.94	712	22.7	28.7
90.5	12.09	1.37E-02	163.25	5.7691	0.48076	0.39714	0.94	712	22.7	28.7
90.5	12.09	1.35E-02	163.25	5.6853	0.47377	0.39137	0.94	712	22.7	29
90.5	12.09	1.43E-02	163.24	6.0277	0.50231	0.41494	0.94	712	22.7	29
90.5	12.09	1.43E-02	163.24	5.992	0.49933	0.41248	0.94	712	22.7	29
90.5	12.09	1.44E-02	163.24	6.0687	0.50573	0.41776	0.94	712	22.7	29
90.5	12.09	1.40E-02	163.24	5.8694	0.48912	0.40404	0.94	712	22.7	29
90.5	12.09	1.45E-02	163.24	6.0846	0.50705	0.41886	0.94	712	22.7	29
90.5	12.09	1.43E-02	163.24	6.012	0.501	0.41386	0.94	712	22.7	29
86	11.49	7.60E-03	163.24	2.8838	0.24032	0.19852	0.94	712	22.7	29
86	11.49	7.40E-03	163.25	2.8071	0.23392	0.19324	0.94	712	22.7	29
86	11.49	7.12E-03	163.25	2.7009	0.22507	0.18593	0.94	712	22.7	29
86	11.49	7.43E-03	163.25	2.8189	0.23491	0.19405	0.94	712	22.7	29.2
86	11.49	7.33E-03	163.25	2.7808	0.23173	0.19143	0.94	712	22.7	29.2
81.5	10.89	4.26E-03	163.26	1.4522	0.12102	0.09997	0.94	712	22.7	29.2
81.5	10.89	4.21E-03	163.26	1.434	0.1195	0.09872	0.94	712	22.7	29.2
81.5	10.89	4.27E-03	163.25	1.4565	0.12137	0.10026	0.94	712	22.7	29.2
81.5	10.89	4.23E-03	163.25	1.4436	0.1203	0.09938	0.94	712	22.7	29.2
81.5	10.89	4.57E-03	163.25	1.5593	0.12994	0.10734	0.94	712	22.7	29.2
77	10.29	2.25E-03	163.26	0.6855	0.05712	0.04719	0.94	712	22.7	29.2
77	10.29	2.17E-03	163.26	0.6596	0.05497	0.04541	0.94	712	22.7	29.2
77	10.29	2.21E-03	163.27	0.674	0.05617	0.0464	0.94	712	22.7	29.2
77	10.29	2.21E-03	163.26	0.674	0.05617	0.0464	0.94	712	22.7	29.2
77	10.29	2.22E-03	163.26	0.6769	0.0564	0.04659	0.94	712	22.7	29.3
72	9.62	1.44E-03	163.27	0.382	0.03183	0.0263	0.94	712	22.7	29.3
72	9.62	1.41E-03	163.27	0.3753	0.03128	0.02584	0.94	712	22.7	29.3
72	9.62	1.43E-03	163.27	0.3803	0.03169	0.02618	0.94	712	22.7	29.3
72	9.62	1.43E-03	163.27	0.3803	0.03169	0.02618	0.94	712	22.7	29.3
72	9.62	1.39E-03	163.27	0.3695	0.03079	0.02543	0.94	712	22.7	29.3
67.5	9.02	1.09E-03	163.27	0.2549	0.02124	0.01755	0.94	712	22.7	29.3
67.5	9.02	1.08E-03	163.27	0.252	0.021	0.01735	0.94	712	22.7	29.3
67.5	9.02	1.09E-03	163.27	0.2557	0.02131	0.0176	0.94	712	22.7	29.3
67.5	9.02	1.09E-03	163.27	0.2557	0.02131	0.0176	0.94	712	22.7	29.3
67.5	9.02	1.08E-03	163.27	0.2535	0.02112	0.01745	0.94	712	22.7	29.3

TABLA N° ANEXO C.80: Conductor 7, ACSR 3.51 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
50.4	24.2	715	0.94	35.95	4.8	3.51	0.1874

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	5.85E-01	220.25	517.5005	43.12504	35.62418	0.93	712.3	27.6	38.4
113	15.09	5.85E-01	220.78	518.7417	43.22847	35.70962	0.93	712.3	27.6	38.4
113	15.09	5.88E-01	220.89	521.7905	43.48254	35.9195	0.93	712.3	27.6	38.4
113	15.09	5.87E-01	219.98	518.6036	43.21696	35.70011	0.93	712.3	27.6	38.4
113	15.09	5.88E-01	219.58	518.0773	43.17311	35.66388	0.93	712	28.5	36
108.5	14.49	5.72E-01	216.03	457.6851	38.14043	31.50655	0.93	712	28.5	36
108.5	14.49	5.74E-01	216.26	459.7034	38.30861	31.64548	0.93	712	28.5	36
108.5	14.49	5.71E-01	216.17	456.505	38.04208	31.42531	0.93	712	28.5	36
108.5	14.49	5.77E-01	216.39	462.1821	38.51518	31.81612	0.93	712	28.5	36
108.5	14.49	5.77E-01	216.29	461.7771	38.48142	31.78823	0.93	712	28.5	36
104	13.89	5.56E-01	212.3	401.4678	33.45565	27.63661	0.92	712	28.9	34.5
104	13.89	5.57E-01	212.35	402.4778	33.53981	27.70614	0.92	712	28.9	34.5
104	13.89	5.58E-01	212.29	402.6347	33.55289	27.71694	0.92	712	28.9	34.5
104	13.89	5.57E-01	212.33	401.9153	33.49294	27.66741	0.92	712	28.9	34.5
104	13.89	5.55E-01	212.34	401.018	33.41817	27.60565	0.92	712	28.9	34.5
99.5	13.29	5.34E-01	207.62	345.2268	28.7689	23.76504	0.92	712.2	28.9	34
99.5	13.29	5.34E-01	207.73	344.9986	28.74989	23.74933	0.92	712.2	28.9	34
99.5	13.29	5.34E-01	207.94	345.3584	28.77986	23.7741	0.92	712.2	28.9	34
99.5	13.29	5.41E-01	208.07	350.0604	29.1717	24.09778	0.92	712.2	28.9	34
99.5	13.29	5.45E-01	208.08	352.9283	29.41069	24.2952	0.92	712.2	28.9	34
95	12.69	5.21E-01	203.21	300.1122	25.00935	20.6594	0.93	712.3	28.9	32.9
95	12.69	5.19E-01	203.12	299.2654	24.93878	20.6011	0.93	712.3	28.9	32.9
95	12.69	5.24E-01	203.55	302.7586	25.22989	20.84158	0.93	712.3	28.9	32.9
95	12.69	5.24E-01	203.65	302.5562	25.21301	20.82764	0.93	712.3	28.9	32.9
95	12.69	5.26E-01	203.73	304.1454	25.34545	20.93704	0.93	712.3	28.9	32.9
90.5	12.09	5.02E-01	199.34	257.7997	21.48331	17.74665	0.93	712.3	28.9	32.7
90.5	12.09	5.00E-01	199.03	256.1138	21.34282	17.6306	0.93	712.3	28.9	32.7
90.5	12.09	4.98E-01	199.37	255.786	21.3155	17.60803	0.93	712.3	28.9	32.7
90.5	12.09	5.00E-01	198.94	255.8722	21.32268	17.61397	0.93	712.3	28.9	32.7
90.5	12.09	4.98E-01	198.93	255.1244	21.26037	17.56249	0.93	712.3	28.9	32.7
90.5	12.09	5.01E-01	199	256.5053	21.37544	17.65755	0.93	712.3	28.9	32.7
90.5	12.09	4.99E-01	198.7	255.4604	21.28837	17.58562	0.93	712.3	28.9	32.7
90.5	12.09	5.01E-01	198.87	256.6505	21.38754	17.66754	0.93	712.3	28.6	32.5
90.5	12.09	5.01E-01	198.86	256.6582	21.38818	17.66807	0.93	712.3	28.6	32.5
90.5	12.09	5.01E-01	198.87	256.6486	21.38738	17.66741	0.93	712.3	28.6	32.5
90.5	12.09	4.99E-01	198.69	255.4778	21.28981	17.58681	0.93	712.3	28.6	32.5
90.5	12.09	5.01E-01	198.96	256.4674	21.37229	17.65494	0.93	712.3	28.6	32.5
90.5	12.09	5.02E-01	198.99	257.1762	21.43135	17.70373	0.93	712.3	28.6	32.5
90.5	12.09	4.98E-01	198.93	254.9002	21.24168	17.54705	0.93	712.3	28.6	31.2
90.5	12.09	4.98E-01	198.46	254.3052	21.1921	17.50609	0.93	712.3	28.6	31.2
90.5	12.09	4.95E-01	198.39	252.9318	21.07765	17.41155	0.93	712.3	28.6	31.2
90.5	12.09	4.96E-01	198.42	253.6291	21.13576	17.45956	0.93	712.3	28.6	31.2
90.5	12.09	4.90E-01	199.4	251.6965	20.9747	17.32651	0.93	712.3	28.6	31.2
90.5	12.09	4.96E-01	198.51	253.4504	21.12087	17.44725	0.93	712.3	28.6	31.2
90.5	12.09	4.98E-01	198.58	254.8221	21.23517	17.54168	0.93	712.3	28.4	31.1
90.5	12.09	4.98E-01	198.68	254.6285	21.21904	17.52835	0.93	712.3	28.4	31.1
90.5	12.09	4.98E-01	198.69	254.6504	21.22087	17.52986	0.93	712.3	28.4	31.1
90.5	12.09	4.98E-01	198.69	254.6504	21.22087	17.52986	0.93	712.3	28.4	31.1
90.5	12.09	4.97E-01	198.6	254.212	21.18433	17.49968	0.93	712.3	28.4	31.1
90.5	12.09	4.99E-01	198.79	255.363	21.28025	17.57891	0.93	712.3	28.4	31.1
90.5	12.09	4.96E-01	198.57	253.5123	21.12603	17.45152	0.93	712.3	28.4	31.5
90.5	12.09	4.96E-01	198.71	254.0067	21.16722	17.48555	0.93	712.3	28.4	31.5
90.5	12.09	4.98E-01	198.74	254.7021	21.22518	17.53342	0.93	712.3	28.4	31.5
90.5	12.09	4.97E-01	198.79	254.4485	21.20404	17.51596	0.93	712.3	28.4	31.5
90.5	12.09	4.96E-01	198.66	253.9409	21.16174	17.48102	0.93	712.3	28.2	32.1
86	11.49	4.70E-01	193.67	211.7005	17.64171	14.57324	0.93	712.3	28.2	32.1
86	11.49	4.70E-01	193.63	211.6313	17.63594	14.56847	0.93	712.3	28.2	32.1
86	11.49	4.71E-01	193.76	212.0503	17.67085	14.59731	0.93	712.3	28.2	32.1
86	11.49	4.68E-01	193.55	210.4677	17.53898	14.48837	0.93	712.3	28.2	32.1
86	11.49	4.69E-01	193.84	211.3535	17.61279	14.54935	0.93	712.3	28.2	32.1
81.5	10.89	4.36E-01	188.57	171.5654	14.29712	11.81038	0.93	712.4	28.1	32.8
81.5	10.89	4.34E-01	188.42	170.701	14.22508	11.75087	0.93	712.4	28.1	32.8
81.5	10.89	4.36E-01	188.57	171.5721	14.29768	11.81084	0.93	712.4	28.1	32.8
81.5	10.89	4.39E-01	188.94	173.1506	14.42922	11.9195	0.93	712.4	28.1	32.8
81.5	10.89	4.38E-01	188.91	172.6377	14.38648	11.8842	0.93	712.4	28.1	32.8
77	10.29	3.99E-01	183.88	136.8549	11.40458	9.42095	0.93	712.4	28.1	33
77	10.29	3.99E-01	183.77	136.5501	11.37917	9.39996	0.93	712.4	28.1	33
77	10.29	4.00E-01	183.79	137.0211	11.41843	9.43239	0.93	712.4	28.1	33
77	10.29	3.99E-01	183.76	136.5626	11.38021	9.40082	0.93	712.4	28.1	33
77	10.29	4.03E-01	184.29	138.5687	11.54739	9.53892	0.93	712.4	28.1	33
72	9.62	3.45E-01	178.37	100.3351	8.36126	6.90696	0.93	712.4	28.1	33.1
72	9.62	3.46E-01	178.3	100.4788	8.37323	6.91685	0.93	712.4	28.1	33.1
72	9.62	3.46E-01	178.4	100.718	8.39316	6.93332	0.93	712.4	28.1	33.1
72	9.62	3.47E-01	178.5	100.9837	8.41531	6.95161	0.93	712.4	28	33.7
72	9.62	3.46E-01	178.47	100.6007	8.38339	6.92524	0.93	712.4	28	33.7
67.5	9.02	2.98E-01	174.6	74.647	6.22058	5.13862	0.93	712.4	28	33.7
67.5	9.02	2.95E-01	174.39	73.7772	6.1481	5.07874	0.93	712.4	28	33.7
67.5	9.02	3.00E-01	174.53	74.9683	6.24736	5.16073	0.93	712.4	28	33.7
67.5	9.02	2.99E-01	174.65	74.7057	6.22547	5.14266	0.93	712.4	28	33.7
67.5	9.02	2.99E-01	174.6	74.8279	6.23566	5.15107	0.93	712.4	28	33.7

TABLA N° ANEXO C.81: Conductor 7, ACSR 3.51 cm.

Muestra 3. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
37.2	27.4	709.4	0.93	156.08	20.85	3.51	0.8273

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
126.5	16.9	4.78E-04	156.69	0.3765	0.03138	0.02592	0.93	711.2	27.5	37.6
126.5	16.9	4.93E-04	156.69	0.3885	0.03238	0.02675	0.93	711.2	27.5	37.6
126.5	16.9	4.87E-04	156.69	0.3839	0.03199	0.02642	0.93	711.2	27.5	37.6
126.5	16.9	4.87E-04	156.69	0.3839	0.03199	0.02642	0.93	711.2	27.5	37.6
126.5	16.9	4.93E-04	156.69	0.389	0.03241	0.02678	0.93	711.2	27.5	37.6
122	16.3	4.89E-04	156.69	0.3582	0.02985	0.02466	0.93	711.2	27.5	37.8
122	16.3	4.89E-04	156.69	0.3582	0.02985	0.02466	0.93	711.2	27.5	37.8
122	16.3	4.85E-04	156.69	0.3553	0.02961	0.02446	0.93	711.2	27.5	37.8
122	16.3	4.85E-04	156.69	0.3553	0.02961	0.02446	0.93	711.2	27.5	37.8
122	16.3	4.85E-04	156.69	0.3553	0.02961	0.02446	0.93	711.2	27.5	37.8
117.5	15.69	4.82E-04	156.69	0.3277	0.02731	0.02256	0.93	711.2	27.4	38
117.5	15.69	4.82E-04	156.69	0.3277	0.02731	0.02256	0.93	711.2	27.4	38
117.5	15.69	4.83E-04	156.69	0.3285	0.02738	0.02262	0.93	711.2	27.4	38
117.5	15.69	4.86E-04	156.69	0.3307	0.02756	0.02276	0.93	711.2	27.4	38
117.5	15.69	4.96E-04	156.69	0.3373	0.02811	0.02322	0.93	711.2	27.4	38
113	15.09	4.89E-04	156.7	0.3076	0.02564	0.02118	0.93	711.2	27.4	38
113	15.09	4.95E-04	156.7	0.3116	0.02597	0.02145	0.93	711.2	27.4	38
113	15.09	4.97E-04	156.7	0.3123	0.02603	0.0215	0.93	711.2	27.4	38
113	15.09	4.93E-04	156.7	0.31	0.02583	0.02134	0.93	711.2	27.4	38
113	15.09	4.93E-04	156.7	0.31	0.02583	0.02134	0.93	711.2	27.4	38
108.5	14.49	4.95E-04	156.7	0.2872	0.02394	0.01977	0.93	711.2	27.4	38.1
108.5	14.49	4.95E-04	156.7	0.2872	0.02394	0.01977	0.93	711.2	27.4	38.1
108.5	14.49	4.90E-04	156.7	0.2844	0.0237	0.01958	0.93	711.2	27.4	38.1
108.5	14.49	4.90E-04	156.7	0.2842	0.02369	0.01957	0.93	711.2	27.4	38.1
108.5	14.49	4.90E-04	156.7	0.2844	0.0237	0.01958	0.93	711.2	27.4	38.1
104	13.89	4.95E-04	156.7	0.2635	0.02196	0.01814	0.93	711.2	27.3	38
104	13.89	5.02E-04	156.7	0.2673	0.02228	0.0184	0.93	711.2	27.3	38
104	13.89	5.02E-04	156.7	0.2673	0.02228	0.0184	0.93	711.2	27.3	38
104	13.89	5.03E-04	156.7	0.2681	0.02234	0.01845	0.93	711.2	27.3	38
104	13.89	5.03E-04	156.7	0.2681	0.02234	0.01845	0.93	711.2	27.3	38
99.5	13.29	4.96E-04	156.7	0.2421	0.02017	0.01666	0.93	711.2	27.3	38
99.5	13.29	4.86E-04	156.7	0.2368	0.01974	0.0163	0.93	711.2	27.3	38
99.5	13.29	4.86E-04	156.7	0.2368	0.01974	0.0163	0.93	711.2	27.3	38
99.5	13.29	4.81E-04	156.7	0.2344	0.01954	0.01614	0.93	711.2	27.3	38
99.5	13.29	4.81E-04	156.7	0.2344	0.01953	0.01613	0.93	711.2	27.3	38
95	12.69	4.98E-04	156.7	0.2216	0.01846	0.01525	0.93	711.2	27.3	38.2
95	12.69	4.98E-04	156.7	0.2216	0.01846	0.01525	0.93	711.2	27.3	38.2
95	12.69	4.98E-04	156.7	0.2216	0.01846	0.01525	0.93	711.2	27.3	38.2
95	12.69	4.93E-04	156.7	0.2191	0.01826	0.01509	0.93	711.2	27.3	38.2
95	12.69	4.77E-04	156.7	0.2122	0.01768	0.0146	0.93	711.2	27.3	38.2
90.5	12.09	5.02E-04	156.7	0.2027	0.01689	0.01395	0.93	711.4	27.3	38.2
90.5	12.09	5.03E-04	156.7	0.203	0.01691	0.01397	0.93	711.4	27.3	38.2
90.5	12.09	5.03E-04	156.7	0.2029	0.01691	0.01397	0.93	711.4	27.3	38.2
90.5	12.09	4.96E-04	156.7	0.2	0.01667	0.01377	0.93	711.4	27.3	38.2
90.5	12.09	4.90E-04	156.7	0.1976	0.01646	0.0136	0.93	711.4	27.3	38.2
90.5	12.09	5.02E-04	156.7	0.2026	0.01689	0.01395	0.93	711.4	27.2	38.5
90.5	12.09	4.96E-04	156.7	0.2	0.01666	0.01377	0.93	711.4	27.2	38.5
90.5	12.09	5.01E-04	156.7	0.2022	0.01685	0.01392	0.93	711.4	27.2	38.5
90.5	12.09	4.89E-04	156.7	0.1971	0.01642	0.01357	0.93	711.4	27.2	38.5
90.5	12.09	4.95E-04	156.7	0.1998	0.01665	0.01375	0.93	711.4	27.2	38.5
90.5	12.09	4.92E-04	156.7	0.1984	0.01653	0.01366	0.93	711.4	27.2	38.5
90.5	12.09	4.98E-04	156.7	0.2011	0.01676	0.01384	0.93	711.4	27.2	38.5
90.5	12.09	4.90E-04	156.7	0.1978	0.01648	0.01361	0.93	711.4	27.2	38.5
90.5	12.09	5.00E-04	156.7	0.2016	0.0168	0.01388	0.93	711.4	27.2	38.5
90.5	12.09	4.89E-04	156.7	0.1972	0.01644	0.01358	0.93	711.4	27.2	38.5
90.5	12.09	4.96E-04	156.7	0.2003	0.01669	0.01379	0.93	711.4	27.2	38.5
90.5	12.09	4.96E-04	156.7	0.2003	0.01669	0.01379	0.93	711.4	27.2	38.5
90.5	12.09	4.90E-04	156.7	0.1979	0.01649	0.01362	0.93	711.4	27.2	38.5
90.5	12.09	4.84E-04	156.7	0.1953	0.01627	0.01344	0.93	711.4	27.2	38.5
90.5	12.09	4.80E-04	156.7	0.1935	0.01613	0.01332	0.93	711.4	27.2	38.7
90.5	12.09	4.96E-04	156.7	0.2002	0.01668	0.01378	0.93	711.4	27.2	38.7
90.5	12.09	5.02E-04	156.7	0.2024	0.01687	0.01394	0.93	711.4	27.2	38.7
90.5	12.09	4.89E-04	156.7	0.1975	0.01646	0.01359	0.93	711.4	27.2	38.7
90.5	12.09	4.89E-04	156.7	0.1975	0.01646	0.01359	0.93	711.4	27.2	38.7
90.5	12.09	4.90E-04	156.7	0.1975	0.01646	0.0136	0.93	711.4	27.2	38.7
90.5	12.09	4.87E-04	156.7	0.1965	0.01637	0.01353	0.93	711.4	27.2	39
90.5	12.09	5.06E-04	156.7	0.204	0.017	0.01404	0.93	711.4	27.2	39
90.5	12.09	4.98E-04	156.7	0.201	0.01675	0.01384	0.93	711.4	27.2	39
90.5	12.09	5.02E-04	156.7	0.2024	0.01687	0.01394	0.93	711.4	27.2	39
90.5	12.09	5.06E-04	156.7	0.2043	0.01702	0.01406	0.93	711.4	27.2	39
86	11.49	4.82E-04	156.7	0.1754	0.01462	0.01208	0.93	711.4	27.1	39
86	11.49	4.84E-04	156.7	0.1762	0.01468	0.01213	0.93	711.4	27.1	39
86	11.49	4.94E-04	156.7	0.1799	0.01499	0.01239	0.93	711.4	27.1	39
86	11.49	4.83E-04	156.7	0.1759	0.01466	0.01211	0.93	711.4	27.1	39
86	11.49	4.96E-04	156.7	0.1807	0.01506	0.01244	0.93	711.4	27.1	39
81.5	10.89	4.99E-04	156.7	0.1633	0.0136	0.01124	0.93	711.4	27.1	39.2
81.5	10.89	4.93E-04	156.7	0.1613	0.01345	0.01111	0.93	711.4	27.1	39.2
81.5	10.89	4.93E-04	156.7	0.1613	0.01344	0.0111	0.93	711.4	27.1	39.2
81.5	10.89	4.88E-04	156.7	0.1597	0.01331	0.01099	0.93	711.4	27.1	39.2
81.5	10.89	4.90E-04	156.7	0.1604	0.01336	0.01104	0.93	711.4	27.1	39.2

TABLA N° ANEXO C.82: Conductor 7, ACSR 3.51 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
37.5	22.6	715.6	0.95	116.13	15.51	3.51	0.6018

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	1.30E-03	157.97	0.8228	0.06856	0.05664	0.95	715.8	22.5	37.7
113	15.09	1.30E-03	157.97	0.8228	0.06856	0.05664	0.95	715.8	22.5	37.7
113	15.09	1.30E-03	157.97	0.8228	0.06856	0.05664	0.95	715.8	22.5	37.7
113	15.09	1.44E-03	157.97	0.91	0.07583	0.06264	0.95	715.8	22.5	37.7
113	15.09	1.39E-03	157.97	0.8845	0.07371	0.06089	0.95	715.8	22.5	37.7
108.5	14.49	1.04E-03	157.97	0.6094	0.05078	0.04195	0.95	715.8	22.5	37.8
108.5	14.49	1.04E-03	157.97	0.6094	0.05078	0.04195	0.95	715.8	22.5	37.8
108.5	14.49	1.07E-03	157.97	0.6278	0.05231	0.04321	0.95	715.8	22.5	37.8
108.5	14.49	1.01E-03	157.97	0.591	0.04925	0.04069	0.95	715.8	22.5	37.8
108.5	14.49	1.01E-03	157.97	0.591	0.04925	0.04069	0.95	715.8	22.5	37.8
104	13.89	7.95E-04	157.97	0.4273	0.03561	0.02941	0.95	715.8	22.2	38
104	13.89	8.58E-04	157.97	0.461	0.03842	0.03174	0.95	715.8	22.2	38
104	13.89	7.81E-04	157.97	0.4195	0.03496	0.02888	0.95	715.8	22.2	38
104	13.89	7.98E-04	157.97	0.4284	0.0357	0.02949	0.95	715.8	22.2	38
104	13.89	8.06E-04	157.97	0.4327	0.03606	0.02978	0.95	715.8	22.2	38
99.5	13.29	6.48E-04	157.97	0.3188	0.02657	0.02195	0.95	715.8	22.2	38
99.5	13.29	6.48E-04	157.97	0.3188	0.02657	0.02195	0.95	715.8	22.2	38
99.5	13.29	6.67E-04	157.97	0.3279	0.02733	0.02257	0.95	715.8	22.2	38
99.5	13.29	6.67E-04	157.97	0.3279	0.02733	0.02257	0.95	715.8	22.2	38
99.5	13.29	6.67E-04	157.97	0.3279	0.02733	0.02257	0.95	715.8	22.2	38
95	12.69	6.26E-04	157.97	0.2805	0.02337	0.01931	0.95	715.8	21.9	38.1
95	12.69	6.26E-04	157.97	0.2805	0.02337	0.01931	0.95	715.8	21.9	38.1
95	12.69	6.26E-04	157.97	0.2805	0.02337	0.01931	0.95	715.8	21.9	38.1
95	12.69	6.26E-04	157.97	0.2805	0.02337	0.01931	0.95	715.8	21.9	38.1
95	12.69	6.26E-04	157.97	0.2805	0.02337	0.01931	0.95	715.8	21.9	38.1
90.5	12.09	6.26E-04	157.97	0.2545	0.02121	0.01752	0.95	715.8	21.9	38.2
90.5	12.09	6.26E-04	157.97	0.2545	0.02121	0.01752	0.95	715.8	21.9	38.2
90.5	12.09	6.26E-04	157.97	0.2545	0.02121	0.01752	0.95	715.8	21.9	38.2
90.5	12.09	6.26E-04	157.97	0.2545	0.02121	0.01752	0.95	715.8	21.9	38.2
90.5	12.09	6.31E-04	157.97	0.2568	0.0214	0.01768	0.95	715.8	21.9	38.2
90.5	12.09	6.31E-04	157.97	0.2568	0.0214	0.01768	0.95	715.8	21.9	38.2
90.5	12.09	6.32E-04	157.97	0.257	0.02141	0.01769	0.95	715.8	21.9	38.2
90.5	12.09	6.32E-04	157.97	0.257	0.02141	0.01769	0.95	715.8	21.9	38.2
90.5	12.09	6.32E-04	157.97	0.257	0.02141	0.01769	0.95	715.8	21.9	38.2
90.5	12.09	6.32E-04	157.97	0.2572	0.02143	0.01771	0.95	715.8	21.9	38.2
90.5	12.09	6.32E-04	157.97	0.2572	0.02144	0.01771	0.95	715.8	21.7	38.2
90.5	12.09	6.33E-04	157.97	0.2573	0.02145	0.01772	0.95	715.8	21.7	38.2
90.5	12.09	6.33E-04	157.97	0.2573	0.02145	0.01772	0.95	715.8	21.7	38.2
90.5	12.09	6.33E-04	157.97	0.2573	0.02145	0.01772	0.95	715.8	21.7	38.2
90.5	12.09	6.33E-04	157.97	0.2573	0.02145	0.01772	0.95	715.8	21.7	38.2
90.5	12.09	6.22E-04	157.97	0.2529	0.02107	0.01741	0.95	715.8	21.7	38.2
90.5	12.09	6.22E-04	157.97	0.2529	0.02107	0.01741	0.95	715.8	21.7	38.2
90.5	12.09	6.25E-04	157.97	0.2544	0.0212	0.01751	0.95	715.8	21.7	38.2
90.5	12.09	6.25E-04	157.97	0.2544	0.0212	0.01751	0.95	715.8	21.7	38.2
90.5	12.09	6.25E-04	157.97	0.2544	0.0212	0.01751	0.95	715.8	21.7	38.2
90.5	12.09	6.26E-04	157.97	0.2547	0.02122	0.01753	0.95	715.8	21.7	38.5
90.5	12.09	6.26E-04	157.97	0.2547	0.02122	0.01753	0.95	715.8	21.7	38.5
90.5	12.09	6.26E-04	157.97	0.2547	0.02122	0.01753	0.95	715.8	21.7	38.5
90.5	12.09	6.26E-04	157.97	0.2547	0.02122	0.01753	0.95	715.8	21.7	38.5
90.5	12.09	6.22E-04	157.97	0.2529	0.02107	0.01741	0.95	715.8	21.7	38.5
90.5	12.09	6.22E-04	157.97	0.2529	0.02107	0.01741	0.95	715.8	21.4	38.5
90.5	12.09	6.22E-04	157.97	0.2529	0.02107	0.01741	0.95	715.8	21.4	38.5
90.5	12.09	6.31E-04	157.97	0.2567	0.02139	0.01767	0.95	715.8	21.4	38.5
90.5	12.09	6.23E-04	157.97	0.2534	0.02112	0.01744	0.95	715.8	21.4	38.5
90.5	12.09	6.23E-04	157.97	0.2534	0.02112	0.01744	0.95	715.8	21.4	38.5
86	11.49	6.09E-04	157.97	0.2235	0.01863	0.01539	0.95	715.8	21.2	38.5
86	11.49	6.40E-04	157.97	0.2351	0.01959	0.01618	0.95	715.8	21.2	38.5
86	11.49	6.40E-04	157.98	0.2351	0.01959	0.01618	0.95	715.8	21.2	38.5
86	11.49	6.31E-04	157.98	0.2316	0.0193	0.01594	0.95	715.8	21.2	38.5
86	11.49	5.99E-04	157.98	0.2201	0.01834	0.01515	0.95	715.8	21.2	38.5
81.5	10.89	5.99E-04	157.97	0.1976	0.01647	0.0136	0.95	715.8	21.2	38.7
81.5	10.89	5.99E-04	157.97	0.1976	0.01647	0.0136	0.95	715.8	21.2	38.7
81.5	10.89	5.99E-04	157.97	0.1976	0.01647	0.0136	0.95	715.8	21.2	38.7
81.5	10.89	5.99E-04	157.97	0.1976	0.01647	0.0136	0.95	715.8	21.2	38.7
81.5	10.89	5.99E-04	157.97	0.1976	0.01647	0.0136	0.95	715.8	21.2	38.7
77	10.29	5.92E-04	157.97	0.1742	0.01452	0.01199	0.95	715.8	21	39
77	10.29	5.91E-04	157.97	0.1739	0.01449	0.01197	0.95	715.8	21	39
77	10.29	5.91E-04	157.97	0.1739	0.01449	0.01197	0.95	715.8	21	39
77	10.29	6.01E-04	157.97	0.177	0.01475	0.01218	0.95	715.8	21	39
77	10.29	6.01E-04	157.97	0.177	0.01475	0.01218	0.95	715.8	21	39
72	9.62	5.83E-04	157.97	0.1502	0.01252	0.01034	0.95	715.8	21	39.2
72	9.62	5.83E-04	157.97	0.1502	0.01252	0.01034	0.95	715.8	21	39.2
72	9.62	5.83E-04	157.98	0.1502	0.01252	0.01034	0.95	715.8	21	39.2
72	9.62	5.83E-04	157.97	0.1502	0.01252	0.01034	0.95	715.8	21	39.2
72	9.62	6.03E-04	157.97	0.1552	0.01293	0.01068	0.95	715.8	21	39.2
67.5	9.02	6.02E-04	157.97	0.1363	0.01136	0.00938	0.95	715.8	21	39.5
67.5	9.02	6.02E-04	157.97	0.1363	0.01136	0.00938	0.95	715.8	21	39.5
67.5	9.02	5.93E-04	157.98	0.1343	0.01119	0.00924	0.95	715.8	21	39.5
67.5	9.02	6.10E-04	157.98	0.138	0.0115	0.0095	0.95	715.8	21	39.5
67.5	9.02	6.10E-04	157.98	0.138	0.0115	0.0095	0.95	715.8	21	39.5

TABLA N° ANEXO C.83: Conductor 7, ACSR 3.51 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
35	22.9	711	0.94	75.4	10.07	3.51	0.3934

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	2.03E-01	169.68	138.4627	11.53856	9.53162	0.94	711.3	22.5	35.2
113	15.09	2.01E-01	169.8	137.2793	11.43995	9.45016	0.94	711.3	22.5	35.2
113	15.09	2.04E-01	169.57	139.0114	11.58428	9.56939	0.94	711.3	22.5	35.2
113	15.09	2.04E-01	169.57	139.0114	11.58428	9.56939	0.94	711.3	22.5	35.2
113	15.09	2.04E-01	169.57	139.16	11.59667	9.57963	0.94	711.3	22.5	35.2
108.5	14.49	1.51E-01	166.33	92.7398	7.72832	6.38411	0.94	711.3	22.3	35.6
108.5	14.49	1.48E-01	166.44	91.445	7.62041	6.29497	0.94	711.3	22.3	35.6
108.5	14.49	1.49E-01	166.32	91.9808	7.66506	6.33186	0.94	711.3	22.3	35.6
108.5	14.49	1.47E-01	166.42	90.8083	7.56736	6.25114	0.94	711.3	22.3	35.6
108.5	14.49	1.48E-01	166.45	90.9748	7.58124	6.26261	0.94	711.3	22.3	35.6
104	13.89	1.00E-01	164.65	56.1993	4.68328	3.8687	0.95	711.3	22.1	35.6
104	13.89	1.01E-01	164.53	56.7351	4.72793	3.90559	0.95	711.3	22.1	35.6
104	13.89	9.94E-02	164.6	55.6389	4.63658	3.83012	0.95	711.3	22.1	35.6
104	13.89	9.76E-02	164.66	54.6213	4.55177	3.76007	0.95	711.3	22.1	35.6
104	13.89	9.76E-02	164.66	54.6213	4.55177	3.76007	0.95	711.3	22.1	35.6
99.5	13.29	5.91E-02	163.59	30.1021	2.50851	2.0722	0.95	711.3	22	35.8
99.5	13.29	5.83E-02	163.61	29.7049	2.47541	2.04486	0.95	711.3	22	35.8
99.5	13.29	5.96E-02	163.24	30.2693	2.52244	2.0837	0.95	711.3	22	35.8
99.5	13.29	5.74E-02	163.28	29.1753	2.43128	2.0084	0.95	711.3	22	35.8
99.5	13.29	5.89E-02	163.25	29.9046	2.49205	2.0586	0.95	711.3	22	35.8
95	12.69	2.88E-02	163.26	13.3327	1.11106	0.91781	0.95	711.3	22	35.9
95	12.69	2.66E-02	163.26	13.2649	1.10541	0.91314	0.95	711.3	22	35.9
95	12.69	2.95E-02	163.25	13.6632	1.1386	0.94056	0.95	711.3	22	35.9
95	12.69	2.95E-02	163.25	13.6632	1.1386	0.94056	0.95	711.3	22	35.9
95	12.69	2.89E-02	163.26	13.4087	1.11739	0.92304	0.95	711.3	22	35.9
90.5	12.09	1.47E-02	163.17	6.1788	0.5149	0.42534	0.95	711.3	21.9	36
90.5	12.09	1.47E-02	163.17	6.1788	0.5149	0.42534	0.95	711.3	21.9	36
90.5	12.09	1.37E-02	163.17	5.7496	0.47913	0.3958	0.95	711.3	21.9	36
90.5	12.09	1.37E-02	163.13	5.7479	0.47899	0.39568	0.95	711.3	21.9	36
90.5	12.09	1.27E-02	163.13	5.3389	0.44491	0.36753	0.95	711.3	21.9	36
90.5	12.09	1.27E-02	163.13	5.3389	0.44491	0.36753	0.95	711.3	21.9	36
90.5	12.09	1.30E-02	163.13	5.4708	0.4559	0.3766	0.95	711.3	21.9	36
90.5	12.09	1.46E-02	163.12	6.1303	0.51086	0.422	0.95	711.3	21.9	36
90.5	12.09	1.42E-02	163.1	5.9579	0.49649	0.41014	0.95	711.3	21.9	36
90.5	12.09	1.42E-02	163.1	5.9579	0.49649	0.41014	0.95	711.3	21.9	36
90.5	12.09	1.25E-02	163.12	5.2297	0.43581	0.36	0.95	711.3	21.9	36
90.5	12.09	1.28E-02	163.12	5.3878	0.44899	0.37089	0.95	711.3	21.9	36
90.5	12.09	1.38E-02	163.12	5.8106	0.48421	0.39999	0.95	711.3	21.9	36
90.5	12.09	1.38E-02	163.12	5.8106	0.48421	0.39999	0.95	711.3	21.9	36
90.5	12.09	1.46E-02	163.11	6.1425	0.51187	0.42284	0.95	711.3	21.9	36
90.5	12.09	1.39E-02	163.11	5.8259	0.4855	0.40105	0.95	711.3	21.9	36
90.5	12.09	1.45E-02	163.15	6.0782	0.50652	0.41842	0.95	711.3	21.9	36
90.5	12.09	1.45E-02	163.11	6.0766	0.50638	0.4183	0.95	711.3	21.9	36
90.5	12.09	1.34E-02	163.11	5.6068	0.46723	0.38597	0.95	711.3	21.9	36
90.5	12.09	1.47E-02	163.11	6.1826	0.51522	0.4256	0.95	711.3	21.9	36
90.5	12.09	1.47E-02	163.11	6.1826	0.51522	0.4256	0.95	711.3	21.9	36.3
90.5	12.09	1.34E-02	163.08	5.6094	0.46745	0.38615	0.95	711.3	21.9	36.3
90.5	12.09	1.34E-02	163.08	5.6296	0.46913	0.38753	0.95	711.3	21.9	36.3
90.5	12.09	1.34E-02	163.08	5.6296	0.46913	0.38753	0.95	711.3	21.9	36.3
90.5	12.09	1.30E-02	163.11	5.4723	0.45603	0.37671	0.95	711.3	21.9	36.3
90.5	12.09	1.38E-02	163.11	5.8158	0.48465	0.40035	0.95	711.3	21.9	36.3
90.5	12.09	1.38E-02	163.17	5.8181	0.48484	0.40051	0.95	711.3	21.9	36.3
90.5	12.09	1.30E-02	163.17	5.4613	0.45511	0.37595	0.95	711.3	21.9	36.3
90.5	12.09	1.42E-02	163.17	5.9715	0.49763	0.41107	0.95	711.3	21.9	36.3
90.5	12.09	1.46E-02	163.17	6.1452	0.5121	0.42303	0.95	711.3	21.9	36.3
86	11.49	6.99E-03	163.12	2.6523	0.22103	0.18258	0.95	711.6	21.4	36.6
86	11.49	7.15E-03	163.07	2.71	0.22583	0.18655	0.95	711.6	21.4	36.6
86	11.49	7.15E-03	163.13	2.711	0.22592	0.18662	0.95	711.6	21.4	36.6
86	11.49	7.29E-03	163.12	2.7636	0.2303	0.19025	0.95	711.6	21.4	36.6
86	11.49	7.29E-03	163.12	2.7636	0.2303	0.19025	0.95	711.6	21.4	36.6
81.5	10.89	3.80E-03	163.13	1.2947	0.10789	0.08912	0.95	711.6	21.4	36.8
81.5	10.89	3.51E-03	163.13	1.1962	0.09968	0.08235	0.95	711.6	21.4	36.8
81.5	10.89	3.51E-03	163.13	1.1962	0.09968	0.08235	0.95	711.6	21.4	36.8
81.5	10.89	3.71E-03	163.17	1.2634	0.10528	0.08697	0.95	711.6	21.4	36.8
81.5	10.89	3.74E-03	163.17	1.2741	0.10617	0.08771	0.95	711.6	21.4	36.8
77	10.29	2.11E-03	163.09	0.6401	0.05334	0.04407	0.95	711.6	21.4	37
77	10.29	2.16E-03	163.1	0.6566	0.05471	0.0452	0.95	711.6	21.4	37
77	10.29	2.10E-03	163.1	0.6375	0.05312	0.04388	0.95	711.6	21.4	37
77	10.29	2.13E-03	163.16	0.6464	0.05387	0.0445	0.95	711.6	21.4	37
77	10.29	2.16E-03	163.16	0.656	0.05467	0.04516	0.95	711.6	21.4	37
72	9.62	1.31E-03	163.15	0.348	0.029	0.02396	0.95	711.6	21	37
72	9.62	1.30E-03	163.15	0.3451	0.02876	0.02375	0.95	711.6	21	37
72	9.62	1.30E-03	163.19	0.3452	0.02876	0.02376	0.95	711.6	21	37
72	9.62	1.33E-03	163.19	0.3538	0.02948	0.02435	0.95	711.6	21	37
72	9.62	1.33E-03	163.19	0.3538	0.02948	0.02435	0.95	711.6	21	37
67.5	9.02	1.05E-03	163.19	0.2449	0.02041	0.01686	0.95	711.6	21	37.2
67.5	9.02	1.05E-03	163.19	0.2449	0.02041	0.01686	0.95	711.6	21	37.2
67.5	9.02	1.02E-03	163.19	0.2388	0.0199	0.01644	0.95	711.6	21	37.2
67.5	9.02	1.04E-03	163.19	0.2426	0.02021	0.0167	0.95	711.6	21	37.2
67.5	9.02	1.04E-03	163.19	0.2426	0.02021	0.0167	0.95	711.6	21	37.2

TABLA N° ANEXO C.84: Conductor 7, ACSR 3.51 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
45.6	24.5	714	0.94	36.45	4.87	3.51	0.1904

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{80}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
113	15.09	5.84E-01	225.37	527.9316	43.9943	36.34224	0.94	714	25	45.8
113	15.09	5.84E-01	224.73	526.4177	43.86814	36.23802	0.94	714	25	45.8
113	15.09	5.83E-01	225.11	527.0439	43.92033	36.28114	0.94	714	25	45.8
113	15.09	5.83E-01	225.19	526.8481	43.90401	36.26766	0.94	714	25	45.8
113	15.09	5.83E-01	225.67	527.9702	43.99751	36.34489	0.94	714	25	45.8
108.5	14.49	5.66E-01	219.76	460.4724	38.3727	31.69842	0.94	714	25.4	45.3
108.5	14.49	5.66E-01	220.07	461.1316	38.42764	31.7438	0.94	714	25.4	45.3
108.5	14.49	5.67E-01	219.66	461.3083	38.44235	31.75596	0.94	714	25.4	45.3
108.5	14.49	5.70E-01	219.51	462.7699	38.56415	31.85658	0.94	714	25.4	45.3
108.5	14.49	5.65E-01	220.1	460.1529	38.34607	31.67643	0.94	714	25.4	45.3
104	13.89	5.49E-01	215.56	402.6832	33.55693	27.72028	0.94	714	25.9	44.8
104	13.89	5.49E-01	215.85	403.2218	33.60181	27.75735	0.94	714	25.9	44.8
104	13.89	5.49E-01	215.89	403.1421	33.59518	27.75187	0.94	714	25.9	44.8
104	13.89	5.49E-01	215.66	402.7204	33.56003	27.72284	0.94	714	25.9	44.8
104	13.89	5.51E-01	215.47	403.5126	33.62605	27.77737	0.94	714	25.9	44.8
99.5	13.29	5.32E-01	212.05	351.2093	29.26745	24.17687	0.94	714	25.9	44.5
99.5	13.29	5.31E-01	212.3	350.6562	29.22135	24.13879	0.94	714	25.9	44.5
99.5	13.29	5.28E-01	212.75	349.703	29.14192	24.07318	0.94	714	25.9	44.5
99.5	13.29	5.28E-01	212.45	349.2186	29.10155	24.03983	0.94	714	25.9	44.5
99.5	13.29	5.28E-01	212.45	349.2186	29.10155	24.03983	0.94	714	25.9	44.5
95	12.69	5.14E-01	207.77	302.9865	25.24888	20.85727	0.94	714.2	26	44.2
95	12.69	5.18E-01	207.06	304.4682	25.37235	20.95926	0.94	714.2	26	44.2
95	12.69	5.18E-01	206.76	304.0686	25.33905	20.93175	0.94	714.2	26	44.2
95	12.69	5.18E-01	206.79	304.0048	25.33374	20.92736	0.94	714.2	26	44.2
95	12.69	5.17E-01	206.72	303.3121	25.27601	20.87968	0.94	714.2	26	44.2
90.5	12.09	4.93E-01	202.45	256.9276	21.41064	17.68662	0.94	714.2	26	44
90.5	12.09	4.93E-01	202.43	256.9049	21.40874	17.68505	0.94	714.2	26	44
90.5	12.09	4.94E-01	202.21	257.3428	21.44523	17.7152	0.94	714.2	26	44
90.5	12.09	4.94E-01	202.11	257.2478	21.43731	17.70866	0.94	714.2	26	44
90.5	12.09	4.94E-01	202.25	257.4246	21.45205	17.72083	0.94	714.2	26	44
90.5	12.09	4.98E-01	201.58	258.5833	21.54861	17.80059	0.94	714.2	26	44
90.5	12.09	4.99E-01	201.63	258.872	21.57266	17.82047	0.94	714.2	26	44
90.5	12.09	4.99E-01	201.63	258.872	21.57266	17.82047	0.94	714.2	26	44
90.5	12.09	4.91E-01	202.82	256.5292	21.37743	17.65919	0.94	714.2	26	44
90.5	12.09	5.00E-01	201.44	259.2889	21.60741	17.84917	0.94	714.2	26	44
90.5	12.09	4.98E-01	201.71	258.7684	21.56403	17.81334	0.94	714.2	26	43.5
90.5	12.09	4.90E-01	202.96	255.9414	21.32845	17.61873	0.94	714.2	26	43.5
90.5	12.09	4.94E-01	202.3	257.4174	21.45145	17.72034	0.94	714.2	26	43.5
90.5	12.09	5.00E-01	201.22	259.2196	21.60163	17.8444	0.94	714.2	26	43.5
90.5	12.09	4.96E-01	202.41	258.4636	21.53863	17.79235	0.94	714.2	26	43.5
90.5	12.09	4.98E-01	201.66	258.4797	21.53997	17.79346	0.94	714.2	26	43.5
90.5	12.09	4.91E-01	203.01	256.604	21.38367	17.66434	0.94	714.2	26	43.5
90.5	12.09	4.91E-01	202.77	256.2967	21.35806	17.64319	0.94	714.2	26	43.5
90.5	12.09	4.89E-01	203.29	255.888	21.324	17.61505	0.94	714.2	26	43.5
90.5	12.09	4.89E-01	203.02	255.5476	21.29564	17.59162	0.94	714.2	26	43.5
90.5	12.09	4.94E-01	202.13	257.3018	21.44182	17.71238	0.94	714.2	26.2	43.1
90.5	12.09	4.94E-01	202.65	257.9556	21.4963	17.75739	0.94	714.2	26.2	43.1
90.5	12.09	4.88E-01	203.72	255.8149	21.31791	17.61002	0.94	714.2	26.2	43.1
90.5	12.09	4.98E-01	201.89	258.8235	21.56863	17.81713	0.94	714.2	26.2	43.1
90.5	12.09	5.00E-01	201.39	259.0315	21.58596	17.83145	0.94	714.2	26.2	43.1
90.5	12.09	4.88E-01	203.44	255.5203	21.29336	17.58974	0.94	714.2	26.2	43.1
90.5	12.09	4.88E-01	203.38	255.4416	21.2868	17.58432	0.94	714.2	26.2	43.1
90.5	12.09	4.88E-01	203.37	255.516	21.293	17.58944	0.94	714.2	26.2	43.1
90.5	12.09	4.88E-01	203.37	255.516	21.293	17.58944	0.94	714.2	26.2	43.1
90.5	12.09	4.96E-01	201.96	257.8887	21.49073	17.75278	0.94	714.2	26.2	43.1
86	11.49	4.69E-01	198.01	215.7944	17.98287	14.85506	0.94	714.2	26.2	42.7
86	11.49	4.69E-01	198.27	216.0756	18.0063	14.87441	0.94	714.2	26.2	42.7
86	11.49	4.69E-01	197.86	215.6353	17.96961	14.8441	0.94	714.2	26.2	42.7
86	11.49	4.69E-01	197.92	215.698	17.97483	14.84842	0.94	714.2	26.2	42.7
86	11.49	4.69E-01	197.83	215.5088	17.95907	14.83539	0.94	714.2	26.2	42.7
81.5	10.89	4.38E-01	192.56	176.0432	14.67027	12.11863	0.94	714.2	26.5	42.2
81.5	10.89	4.36E-01	192.67	175.5573	14.62977	12.08517	0.94	714.2	26.5	42.2
81.5	10.89	4.37E-01	192.57	175.7337	14.64447	12.09732	0.94	714.2	26.5	42.2
81.5	10.89	4.37E-01	192.37	175.6825	14.64021	12.09379	0.94	714.2	26.5	42.2
81.5	10.89	4.36E-01	192.72	175.3813	14.6151	12.07306	0.94	714.2	26.5	42.2
77	10.29	4.03E-01	187.7	141.1533	11.76278	9.71684	0.94	714.2	26.5	42
77	10.29	4.04E-01	187.67	141.2187	11.76822	9.72134	0.94	714.2	26.5	42
77	10.29	4.04E-01	188.02	141.4839	11.79033	9.7396	0.94	714.2	26.5	42
77	10.29	4.05E-01	187.76	141.877	11.82308	9.76666	0.94	714.2	26.5	42
77	10.29	4.06E-01	187.34	141.8585	11.82154	9.76539	0.94	714.2	26.5	42
72	9.62	3.56E-01	182.61	106.0761	8.83967	7.30216	0.93	714.2	26.8	41.8
72	9.62	3.57E-01	182.47	106.0607	8.83839	7.30111	0.93	714.2	26.8	41.8
72	9.62	3.57E-01	182.14	105.9078	8.82565	7.29058	0.93	714.2	26.8	41.8
72	9.62	3.57E-01	182.29	105.9965	8.83304	7.29668	0.93	714.2	26.8	41.8
72	9.62	3.57E-01	182.21	106.0855	8.84045	7.30281	0.93	714.2	26.8	41.8
67.5	9.02	3.09E-01	178.52	79.1123	6.59269	5.446	0.93	714.2	26.8	41.6
67.5	9.02	3.12E-01	178.33	79.6054	6.63378	5.47995	0.93	714.2	26.8	41.6
67.5	9.02	3.11E-01	178.2	79.455	6.62125	5.4696	0.93	714.2	26.8	41.6
67.5	9.02	3.10E-01	178.34	79.1774	6.59812	5.45049	0.93	714.2	26.8	41.6
67.5	9.02	3.11E-01	178.35	79.4307	6.61923	5.46793	0.93	714.2	26.8	41.6

TABLA N° ANEXO C.85: Conductor 8, AAAC 4.6 cm.

Muestra 1. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
25.5	23.5	715.3	0.95	184.4	20.07	4.6	0.8006

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
124	13.49	4.30E-05	167.46	0.0348	0.0029	0.00234	0.94	714.5	24.8	23
124	13.49	4.30E-05	167.46	0.0348	0.0029	0.00234	0.94	714.5	24.8	23
124	13.49	4.46E-05	167.46	0.0361	0.00301	0.00243	0.94	714.5	24.8	23
124	13.49	4.46E-05	167.46	0.0361	0.00301	0.00243	0.94	714.5	24.8	23
124	13.49	4.59E-05	167.46	0.0371	0.00309	0.0025	0.94	714.5	24.8	23
119.5	13	4.59E-05	167.47	0.0345	0.00287	0.00232	0.94	714.5	24.8	22.5
119.5	13	4.37E-05	167.46	0.0328	0.00274	0.00221	0.94	714.5	24.8	22.5
119.5	13	4.37E-05	167.47	0.0328	0.00274	0.00221	0.94	714.5	24.9	22.5
119.5	13	4.37E-05	167.47	0.0328	0.00274	0.00221	0.94	714.5	24.9	22.5
119.5	13	4.49E-05	167.46	0.0338	0.00281	0.00227	0.94	714.5	24.9	22.5
115	12.51	4.49E-05	167.46	0.0313	0.00261	0.0021	0.94	714.5	25	21.8
115	12.51	4.49E-05	167.46	0.0313	0.00261	0.0021	0.94	714.5	25	21.8
115	12.51	4.52E-05	167.46	0.0315	0.00262	0.00212	0.94	714.5	25	21.8
115	12.51	3.68E-05	167.46	0.0256	0.00213	0.00172	0.94	714.5	25	21.8
115	12.51	3.68E-05	167.46	0.0256	0.00213	0.00172	0.94	714.5	25	21.8
110.5	12.02	3.68E-05	167.46	0.0236	0.00197	0.00159	0.94	714.5	25	20.4
110.5	12.02	3.68E-05	167.46	0.0236	0.00197	0.00159	0.94	714.5	25	20.4
110.5	12.02	4.43E-05	167.46	0.0285	0.00237	0.00192	0.94	714.5	25	20.4
110.5	12.02	4.52E-05	167.46	0.0291	0.00242	0.00196	0.94	714.5	25	20.4
110.5	12.02	3.80E-05	167.46	0.0244	0.00204	0.00164	0.94	714.5	25	20.4
106.5	11.59	3.80E-05	167.46	0.0227	0.00189	0.00153	0.94	714.5	25.2	20
106.5	11.59	4.59E-05	167.47	0.0274	0.00228	0.00184	0.94	714.5	25.2	20
106.5	11.59	4.59E-05	167.47	0.0274	0.00228	0.00184	0.94	714.5	25.2	20
106.5	11.59	4.59E-05	167.47	0.0274	0.00228	0.00184	0.94	714.5	25.2	20
106.5	11.59	4.59E-05	167.47	0.0274	0.00228	0.00184	0.94	714.5	25.2	20
102	11.1	3.46E-05	167.47	0.0189	0.00158	0.00127	0.94	714.5	25.3	19.2
102	11.1	3.46E-05	167.47	0.0189	0.00158	0.00127	0.94	714.5	25.3	19.2
102	11.1	3.46E-05	167.47	0.0189	0.00158	0.00127	0.94	714.5	25.3	19.2
102	11.1	3.46E-05	167.47	0.0189	0.00158	0.00127	0.94	714.5	25.3	19.2
102	11.1	3.46E-05	167.47	0.0189	0.00158	0.00127	0.94	714.5	25.3	19.2
97.5	10.61	4.49E-05	167.46	0.0225	0.00187	0.00151	0.94	714.5	25.3	19.2
97.5	10.61	4.49E-05	167.46	0.0225	0.00187	0.00151	0.94	714.5	25.3	19.2
97.5	10.61	4.49E-05	167.46	0.0225	0.00187	0.00151	0.94	714.5	25.3	19.2
97.5	10.61	3.99E-05	167.46	0.02	0.00166	0.00134	0.94	714.5	25.3	19.2
97.5	10.61	4.27E-05	167.46	0.0214	0.00178	0.00144	0.94	714.5	25.3	19.2
93	10.12	4.27E-05	167.46	0.0195	0.00162	0.00131	0.94	714.5	25	19
93	10.12	4.27E-05	167.46	0.0195	0.00162	0.00131	0.94	714.5	25	19
93	10.12	4.05E-05	167.46	0.0185	0.00154	0.00124	0.94	714.5	25	19
93	10.12	4.05E-05	167.46	0.0185	0.00154	0.00124	0.94	714.5	25	19
93	10.12	4.05E-05	167.46	0.0185	0.00154	0.00124	0.94	714.5	25	19
88.5	9.63	4.05E-05	167.46	0.0167	0.00139	0.00112	0.94	714.5	25.2	19
88.5	9.63	3.49E-05	167.46	0.0144	0.0012	0.00097	0.94	714.5	25.2	19
88.5	9.63	3.49E-05	167.46	0.0144	0.0012	0.00097	0.94	714.5	25.2	19
88.5	9.63	3.49E-05	167.47	0.0144	0.0012	0.00097	0.94	714.5	25.2	19
88.5	9.63	3.68E-05	167.47	0.0152	0.00126	0.00102	0.94	714.5	25.2	19
88.5	9.63	3.83E-05	167.47	0.0158	0.00132	0.00106	0.94	714.5	25.2	19.2
88.5	9.63	3.83E-05	167.47	0.0158	0.00132	0.00106	0.94	714.5	25.2	19.2
88.5	9.63	3.83E-05	167.47	0.0158	0.00132	0.00106	0.94	714.5	25.2	19.2
88.5	9.63	3.83E-05	167.47	0.0158	0.00132	0.00106	0.94	714.5	25.2	19.2
88.5	9.63	4.46E-05	167.47	0.0184	0.00153	0.00124	0.94	714.5	25.2	19.2
88.5	9.63	3.99E-05	167.47	0.0165	0.00137	0.00111	0.94	714.5	25.2	19.2
88.5	9.63	3.99E-05	167.47	0.0165	0.00137	0.00111	0.94	714.5	25.2	19.2
88.5	9.63	4.43E-05	167.47	0.0183	0.00152	0.00123	0.94	714.5	25.2	19.2
88.5	9.63	4.43E-05	167.46	0.0183	0.00152	0.00123	0.94	714.5	25.2	19.2
88.5	9.63	4.43E-05	167.46	0.0183	0.00152	0.00123	0.94	714.5	25.2	19.2
88.5	9.63	4.43E-05	167.46	0.0183	0.00152	0.00123	0.94	714.5	25.2	19.2
88.5	9.63	3.33E-05	167.46	0.0137	0.00114	0.00092	0.94	714.5	25.2	19.2
88.5	9.63	3.33E-05	167.46	0.0137	0.00114	0.00092	0.94	714.5	25.2	18.9
88.5	9.63	3.33E-05	167.46	0.0137	0.00114	0.00092	0.94	714.5	25.2	18.9
88.5	9.63	3.33E-05	167.46	0.0137	0.00114	0.00092	0.94	714.5	25.2	18.9
88.5	9.63	4.56E-05	167.46	0.0188	0.00157	0.00126	0.94	714.5	25.2	18.9
88.5	9.63	4.56E-05	167.46	0.0188	0.00157	0.00126	0.94	714.5	25.2	18.9
88.5	9.63	4.56E-05	167.47	0.0188	0.00157	0.00126	0.94	714.5	25.2	18.9
88.5	9.63	3.27E-05	167.47	0.0135	0.00112	0.00091	0.94	714.5	25.2	18.9
88.5	9.63	3.36E-05	167.47	0.0139	0.00116	0.00093	0.94	714.5	25.2	18.9
88.5	9.63	3.36E-05	167.47	0.0139	0.00116	0.00093	0.94	714.5	25.2	18.9
88.5	9.63	3.42E-05	167.47	0.0141	0.00118	0.00095	0.94	714.5	25.2	18.9
88.5	9.63	3.42E-05	167.47	0.0141	0.00118	0.00095	0.94	714.5	25.2	18.9
88.5	9.63	4.12E-05	167.47	0.017	0.00141	0.00114	0.94	714.5	25.2	18.9
88.5	9.63	4.12E-05	167.46	0.017	0.00141	0.00114	0.94	714.5	25.2	18.9
84	9.14	4.24E-05	167.46	0.0158	0.00131	0.00106	0.94	714.5	25.3	18.8
84	9.14	4.24E-05	167.46	0.0158	0.00131	0.00106	0.94	714.5	25.3	18.8
84	9.14	3.77E-05	167.46	0.014	0.00117	0.00094	0.94	714.5	25.3	18.8
84	9.14	4.46E-05	167.46	0.0166	0.00138	0.00111	0.94	714.5	25.3	18.8
84	9.14	3.20E-05	167.46	0.0119	0.00099	0.0008	0.94	714.5	25.3	18.8
79.5	8.65	3.20E-05	167.46	0.0107	0.00089	0.00072	0.94	714.5	25.4	19
79.5	8.65	3.20E-05	167.47	0.0107	0.00089	0.00072	0.94	714.5	25.4	19
79.5	8.65	3.20E-05	167.47	0.0107	0.00089	0.00072	0.94	714.5	25.4	19
79.5	8.65	3.20E-05	167.47	0.0107	0.00089	0.00072	0.94	714.5	25.4	19
79.5	8.65	4.02E-05	167.47	0.0134	0.00112	0.0009	0.94	714.5	25.4	19

TABLA N° ANEXO C.86: Conductor 8, AAAC 4.6 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
29.5	25.3	714	0.94	139.5	15.18	4.6	0.61

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	3.58E-04	168.52	0.2317	0.01931	0.01558	0.92	710.2	28.4	27.8
110.5	12.02	3.46E-04	168.52	0.2235	0.01863	0.01504	0.92	710.2	28.4	27.8
110.5	12.02	3.61E-04	168.53	0.2337	0.01948	0.01572	0.92	710.2	28.4	27.8
110.5	12.02	3.64E-04	168.53	0.2357	0.01965	0.01586	0.92	710.2	28.4	27.8
110.5	12.02	3.52E-04	168.53	0.2276	0.01897	0.01531	0.92	710.2	28.4	27.8
106.5	11.59	3.46E-04	168.52	0.2077	0.0173	0.01397	0.92	710.2	28.4	27.8
106.5	11.59	3.46E-04	168.52	0.2077	0.0173	0.01397	0.92	710.2	28.4	27.8
106.5	11.59	3.46E-04	168.52	0.2077	0.0173	0.01397	0.92	710.2	28.4	27.8
106.5	11.59	3.53E-04	168.52	0.2124	0.0177	0.01429	0.92	710.2	28.4	27.8
106.5	11.59	3.53E-04	168.52	0.2124	0.0177	0.01429	0.92	710.2	28.4	27.8
102	11.1	3.44E-04	168.52	0.1896	0.0158	0.01275	0.92	710.2	28.5	28.7
102	11.1	3.50E-04	168.53	0.1931	0.01609	0.01299	0.92	710.2	28.5	28.7
102	11.1	3.50E-04	168.53	0.1931	0.01609	0.01299	0.92	710.2	28.5	28.7
102	11.1	3.49E-04	168.52	0.1922	0.01602	0.01293	0.92	710.2	28.5	28.7
102	11.1	3.54E-04	168.52	0.195	0.01625	0.01312	0.92	710.2	28.5	28.7
97.5	10.61	3.46E-04	168.52	0.1742	0.01452	0.01172	0.92	710.2	28.5	28.7
97.5	10.61	3.47E-04	168.52	0.1748	0.01457	0.01176	0.92	710.2	28.5	28.7
97.5	10.61	3.53E-04	168.52	0.178	0.01483	0.01197	0.92	710.2	28.5	28.7
97.5	10.61	3.53E-04	168.52	0.178	0.01483	0.01197	0.92	710.2	28.5	28.7
97.5	10.61	3.42E-04	168.52	0.1725	0.01437	0.0116	0.92	710.2	28.5	28.7
93	10.12	3.46E-04	168.52	0.1583	0.0132	0.01065	0.92	710.2	28.5	28.7
93	10.12	3.46E-04	168.52	0.1583	0.0132	0.01065	0.92	710.2	28.4	28.9
93	10.12	3.45E-04	168.53	0.1581	0.01317	0.01063	0.92	710.2	28.4	28.9
93	10.12	3.49E-04	168.52	0.1598	0.01332	0.01075	0.92	710.2	28.4	28.9
93	10.12	3.44E-04	168.52	0.1575	0.01312	0.01059	0.92	710.2	28.4	28.9
88.5	9.63	3.46E-04	168.52	0.1434	0.01195	0.00965	0.92	710	28.4	28.9
88.5	9.63	3.43E-04	168.52	0.1424	0.01186	0.00958	0.92	710	28.4	28.9
88.5	9.63	3.50E-04	168.52	0.1453	0.01211	0.00978	0.92	710	28.4	28.9
88.5	9.63	3.93E-04	168.52	0.1629	0.01358	0.01096	0.92	710	28.4	28.9
88.5	9.63	3.49E-04	168.52	0.1447	0.01206	0.00973	0.92	710	28.4	28.9
88.5	9.63	3.51E-04	168.53	0.1456	0.01213	0.00979	0.92	710	28.4	28.2
88.5	9.63	3.45E-04	168.52	0.1433	0.01194	0.00964	0.92	710	28.4	28.2
88.5	9.63	3.38E-04	168.53	0.1401	0.01168	0.00943	0.92	710	28.4	28.2
88.5	9.63	4.15E-04	168.52	0.1721	0.01434	0.01157	0.92	710	28.4	28.2
88.5	9.63	3.97E-04	168.52	0.1649	0.01374	0.01109	0.92	710	28.4	28.2
88.5	9.63	3.96E-04	168.52	0.1645	0.01371	0.01107	0.92	710	28.4	28.2
88.5	9.63	3.94E-04	168.52	0.1635	0.01362	0.011	0.92	710	28.4	28.2
88.5	9.63	4.02E-04	168.52	0.1669	0.0139	0.01122	0.92	710	28.5	28.3
88.5	9.63	3.96E-04	168.52	0.1643	0.01369	0.01105	0.92	710	28.5	28.3
88.5	9.63	3.96E-04	168.52	0.1643	0.01369	0.01105	0.92	710	28.5	28.3
88.5	9.63	4.05E-04	168.52	0.1682	0.01401	0.01131	0.92	710	28.5	28.3
88.5	9.63	3.84E-04	168.52	0.1593	0.01327	0.01072	0.92	710	28.5	28.3
88.5	9.63	4.05E-04	168.52	0.1682	0.01401	0.01131	0.92	710	28.5	28.3
88.5	9.63	4.05E-04	168.52	0.1682	0.01401	0.01131	0.92	710	28.5	27.6
88.5	9.63	3.83E-04	168.52	0.159	0.01325	0.0107	0.92	710	28.5	27.6
88.5	9.63	3.83E-04	168.52	0.159	0.01325	0.0107	0.92	710	28.5	27.6
88.5	9.63	3.91E-04	168.53	0.1623	0.01352	0.01092	0.92	710	28.5	27.6
88.5	9.63	3.96E-04	168.52	0.1643	0.01369	0.01105	0.92	710	28.5	27.6
88.5	9.63	3.84E-04	168.52	0.1592	0.01326	0.01071	0.92	710	28.5	27.6
88.5	9.63	4.04E-04	168.52	0.1675	0.01396	0.01127	0.92	710	28.5	27.6
88.5	9.63	3.99E-04	168.52	0.1656	0.0138	0.01114	0.92	710	28.5	27.8
88.5	9.63	3.99E-04	168.52	0.1656	0.0138	0.01114	0.92	710	28.5	27.8
88.5	9.63	3.42E-04	168.52	0.1421	0.01184	0.00956	0.92	710	28.5	27.8
88.5	9.63	3.42E-04	168.52	0.1421	0.01184	0.00956	0.92	710	28.5	27.8
88.5	9.63	3.74E-04	168.52	0.1551	0.01293	0.01043	0.92	710	28.5	28
84	9.14	3.74E-04	168.52	0.1398	0.01165	0.0094	0.92	710	28.5	28
84	9.14	3.69E-04	168.52	0.138	0.0115	0.00928	0.92	710	28.5	28
84	9.14	3.40E-04	168.52	0.1271	0.01059	0.00855	0.92	710	28.5	28
84	9.14	3.43E-04	168.52	0.1282	0.01069	0.00863	0.92	710	28.5	27.6
84	9.14	3.43E-04	168.52	0.1282	0.01069	0.00863	0.92	710	28.5	27.6
79.5	8.65	3.99E-04	168.52	0.1336	0.01113	0.00899	0.92	710	28.5	27.6
79.5	8.65	3.69E-04	168.52	0.1236	0.0103	0.00831	0.92	710	28.5	27.6
79.5	8.65	3.80E-04	168.52	0.1273	0.01061	0.00856	0.92	710	28.5	27.6
79.5	8.65	4.02E-04	168.52	0.1346	0.01122	0.00906	0.92	710	28.5	27.6
79.5	8.65	3.82E-04	168.52	0.1278	0.01065	0.0086	0.92	710	28.5	28
75.5	8.22	3.74E-04	168.52	0.1129	0.00941	0.00759	0.92	710	28.5	28
75.5	8.22	3.74E-04	168.52	0.1129	0.00941	0.00759	0.92	710	28.5	28
75.5	8.22	3.86E-04	168.52	0.1167	0.00972	0.00785	0.92	710	28.5	28
75.5	8.22	3.71E-04	168.52	0.1119	0.00933	0.00753	0.92	710	28.5	28
75.5	8.22	3.63E-04	168.52	0.1096	0.00913	0.00737	0.92	710	28.5	28
71	7.73	3.63E-04	168.52	0.0969	0.00808	0.00652	0.92	710	28.4	28
71	7.73	3.77E-04	168.52	0.1007	0.00839	0.00677	0.92	710	28.4	28
71	7.73	3.77E-04	168.52	0.1007	0.00839	0.00677	0.92	710	28.4	28
71	7.73	3.72E-04	168.52	0.0993	0.00827	0.00668	0.92	710	28.4	28
71	7.73	3.59E-04	168.52	0.0958	0.00798	0.00644	0.92	710	28.4	28
66.5	7.24	3.46E-04	168.52	0.081	0.00675	0.00545	0.92	710	28.4	28
66.5	7.24	3.30E-04	168.52	0.0773	0.00644	0.0052	0.92	710	28.4	28
66.5	7.24	3.30E-04	168.52	0.0773	0.00644	0.0052	0.92	710	28.4	28
66.5	7.24	3.30E-04	168.52	0.0773	0.00644	0.0052	0.92	710	28.4	28
66.5	7.24	3.28E-04	168.52	0.0769	0.00641	0.00517	0.92	710	28.4	28

TABLA N° ANEXO C.87: Conductor 8, AAAC 4.6 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
21.8	26.3	722.8	0.95	93	10.12	4.6	0.4034

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	3.26E-02	172.95	21.6538	1.80448	1.45656	0.95	721.8	25.9	21.6
110.5	12.02	3.28E-02	172.95	21.7797	1.81497	1.46503	0.95	721.8	25.9	21.6
110.5	12.02	3.47E-02	172.92	23.0245	1.91871	1.54876	0.95	721.8	25.9	21.6
110.5	12.02	3.38E-02	173.21	22.4522	1.87102	1.51027	0.95	721.8	25.9	21.6
110.5	12.02	3.28E-02	172.94	21.791	1.81591	1.46579	0.95	721.8	26	22.1
106.5	11.59	1.37E-02	173.09	8.4246	0.70205	0.56669	0.95	721.8	26	22.1
106.5	11.59	1.36E-02	173.07	8.4215	0.70179	0.56648	0.95	721.8	26	22.2
106.5	11.59	1.30E-02	172.78	8.0209	0.66841	0.53953	0.95	721.8	26	22.2
106.5	11.59	1.30E-02	173.07	8.0281	0.66901	0.54002	0.95	721.8	26	22.2
106.5	11.59	1.37E-02	173.09	8.4263	0.7022	0.5668	0.95	721.8	26	22.2
102	11.1	5.79E-03	172.99	3.2787	0.27322	0.22054	0.95	722	26	22.2
102	11.1	5.48E-03	173	3.101	0.25841	0.20859	0.95	722	26	22.2
102	11.1	5.17E-03	172.99	2.9231	0.24359	0.19662	0.95	722	26	22.2
102	11.1	5.17E-03	173	2.9241	0.24368	0.19669	0.95	722	26	22.2
102	11.1	5.17E-03	173	2.9241	0.24368	0.19669	0.95	722	26	22.2
97.5	10.61	2.59E-03	173.07	1.3373	0.11144	0.08995	0.95	722	26	22.2
97.5	10.61	2.71E-03	173.07	1.3998	0.11665	0.09416	0.95	722	26	22.2
97.5	10.61	2.71E-03	173.07	1.3998	0.11665	0.09416	0.95	722	26	22.4
97.5	10.61	2.59E-03	173.07	1.3381	0.11151	0.09001	0.95	722	26	22.4
97.5	10.61	2.67E-03	173.07	1.3812	0.1151	0.0929	0.95	722	26	22.4
93	10.12	1.88E-03	173.08	0.8826	0.07355	0.05937	0.95	722	26	22.4
93	10.12	1.84E-03	173.08	0.8678	0.07232	0.05837	0.95	722	26	22.4
93	10.12	1.90E-03	173.07	0.8929	0.07441	0.06006	0.95	722	26	22.3
93	10.12	1.90E-03	173.07	0.8929	0.07441	0.06006	0.95	722	26	22.3
93	10.12	1.84E-03	173.07	0.8671	0.07226	0.05832	0.95	722	26	22.5
88.5	9.63	1.35E-03	173.07	0.5757	0.04797	0.03872	0.95	722	26	22.5
88.5	9.63	1.35E-03	173.07	0.5757	0.04797	0.03872	0.95	722	26	22.5
88.5	9.63	1.35E-03	173.07	0.5757	0.04797	0.03872	0.95	722	26	22.5
88.5	9.63	1.35E-03	173.07	0.5757	0.04797	0.03872	0.95	722	26	22.5
88.5	9.63	1.28E-03	173.18	0.5475	0.04563	0.03683	0.95	722	25.9	22.5
88.5	9.63	1.39E-03	173.08	0.5924	0.04937	0.03985	0.95	722	25.9	22.5
88.5	9.63	1.39E-03	173.08	0.5924	0.04937	0.03985	0.95	722	25.9	22.5
88.5	9.63	1.39E-03	173.08	0.5924	0.04937	0.03985	0.95	722	25.9	22.5
88.5	9.63	1.38E-03	173.07	0.5864	0.04887	0.03944	0.95	722	25.9	22.5
88.5	9.63	1.41E-03	173.07	0.6011	0.05009	0.04043	0.95	722	25.9	23
88.5	9.63	1.39E-03	173.07	0.5944	0.04953	0.03998	0.95	722	25.9	23
88.5	9.63	1.39E-03	173.07	0.5944	0.04953	0.03998	0.95	722	25.9	23
88.5	9.63	1.40E-03	173.07	0.5964	0.0497	0.04012	0.95	722	25.9	23
88.5	9.63	1.41E-03	173.07	0.6018	0.05015	0.04048	0.95	722	25.9	23
88.5	9.63	1.41E-03	173.07	0.6018	0.05015	0.04048	0.95	722	25.9	23
88.5	9.63	1.43E-03	173.07	0.6085	0.05071	0.04093	0.95	722	25.9	23
88.5	9.63	1.37E-03	173.07	0.5824	0.04853	0.03917	0.95	722	25.9	23
88.5	9.63	1.39E-03	173.07	0.5904	0.0492	0.03971	0.95	722	25.9	23
88.5	9.63	1.38E-03	173.07	0.5884	0.04903	0.03958	0.95	722	25.9	22.9
88.5	9.63	1.35E-03	173.07	0.5757	0.04797	0.03872	0.95	722	25.9	22.9
88.5	9.63	1.37E-03	173.07	0.5824	0.04853	0.03917	0.95	722	25.9	22.9
88.5	9.63	1.43E-03	173.07	0.6091	0.05076	0.04097	0.95	722	25.9	22.9
88.5	9.63	1.43E-03	173.07	0.6091	0.05076	0.04097	0.95	722	25.9	22.9
88.5	9.63	1.40E-03	173.07	0.5964	0.0497	0.04012	0.95	722	25.9	22.9
88.5	9.63	1.43E-03	173.07	0.6098	0.05082	0.04102	0.95	722	25.9	22.9
88.5	9.63	1.43E-03	173.07	0.6098	0.05082	0.04102	0.95	722	25.9	22.9
88.5	9.63	1.44E-03	173.07	0.6125	0.05104	0.0412	0.95	722	25.9	22.9
88.5	9.63	1.43E-03	173.07	0.6085	0.05071	0.04093	0.95	722	25.6	23.3
88.5	9.63	1.43E-03	173.07	0.6085	0.05071	0.04093	0.95	722	25.6	23.3
88.5	9.63	1.39E-03	173.07	0.5937	0.04948	0.03994	0.95	722	25.6	23.3
84	9.14	1.12E-03	173.07	0.4306	0.03588	0.02896	0.95	722	25.6	23.3
84	9.14	1.12E-03	173.07	0.43	0.03583	0.02892	0.95	722	25.6	23.3
84	9.14	1.07E-03	173.07	0.4113	0.03427	0.02766	0.95	722	25.6	23.3
84	9.14	1.09E-03	173.07	0.4185	0.03488	0.02815	0.95	722	25.6	23.3
84	9.14	1.09E-03	173.07	0.4185	0.03488	0.02815	0.95	722	25.6	23.4
79.5	8.65	9.78E-04	173.07	0.3363	0.02803	0.02262	0.95	722	25.6	23.4
79.5	8.65	9.78E-04	173.07	0.3363	0.02803	0.02262	0.95	722	25.6	23.4
79.5	8.65	9.75E-04	173.08	0.3352	0.02794	0.02255	0.95	722	25.6	23.4
79.5	8.65	9.82E-04	173.07	0.3376	0.02813	0.02271	0.95	722	25.6	23.4
79.5	8.65	9.82E-04	173.07	0.3376	0.02813	0.02271	0.95	722	25.5	23.5
75.5	8.22	9.74E-04	173.07	0.302	0.02517	0.02032	0.95	722	25.5	23.5
75.5	8.22	9.39E-04	173.07	0.2913	0.02428	0.0196	0.95	722	25.5	23.5
75.5	8.22	9.27E-04	173.07	0.2874	0.02395	0.01933	0.95	722	25.5	23.5
75.5	8.22	9.27E-04	173.07	0.2874	0.02395	0.01933	0.95	722	25.5	23.5
75.5	8.22	9.31E-04	173.07	0.2889	0.02407	0.01943	0.95	722.5	25.5	23.5
71	7.73	8.89E-04	173.07	0.2438	0.02032	0.0164	0.95	722.5	25.5	23.5
71	7.73	8.89E-04	173.07	0.2438	0.02032	0.0164	0.95	722.5	25.5	23.5
71	7.73	8.92E-04	173.07	0.2447	0.02039	0.01646	0.95	722.5	25.5	23.5
71	7.73	8.92E-04	173.07	0.2447	0.02039	0.01646	0.95	722.5	25.5	23.5
71	7.73	8.92E-04	173.07	0.2447	0.02039	0.01646	0.95	722.5	25.5	23.5
66.5	7.24	9.06E-04	173.07	0.2181	0.01817	0.01467	0.95	722.5	25.4	23.7
66.5	7.24	9.00E-04	173.07	0.2166	0.01805	0.01457	0.95	722.5	25.4	23.7
66.5	7.24	9.00E-04	173.07	0.2166	0.01805	0.01457	0.95	722.5	25.4	23.7
66.5	7.24	8.87E-04	173.07	0.2135	0.0178	0.01436	0.95	722.5	25.4	23.7
66.5	7.24	8.94E-04	173.07	0.2151	0.01792	0.01447	0.95	722.5	25.4	23.8

TABLA N° ANEXO C.88: Conductor 8, AAAC 4.6 cm.

Muestra 1. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
22.5	26.7	715	0.94	43.5	4.73	4.6	0.1908

Pérdidas por efecto Corona en la Muestra 1

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	5.23E-01	214.92	431.2279	35.93565	29.00689	0.93	715	28.2	17.8
110.5	12.02	5.21E-01	215.13	430.5979	35.88316	28.96452	0.93	715	28.2	17.8
110.5	12.02	5.22E-01	215.17	431.1964	35.93303	29.00477	0.93	715	28.2	17.8
110.5	12.02	5.23E-01	215.04	431.438	35.95316	29.02102	0.93	715	28.2	18.4
110.5	12.02	5.23E-01	215.04	431.438	35.95316	29.02102	0.93	715	28.2	18.4
106.5	11.59	4.94E-01	209.89	370.0042	30.83368	24.88863	0.93	715	28.2	18.4
106.5	11.59	4.95E-01	210.04	370.7411	30.89509	24.9382	0.93	715	28.2	18.4
106.5	11.59	4.95E-01	210.04	370.7411	30.89509	24.9382	0.93	715	28.2	18.4
106.5	11.59	4.95E-01	210.04	370.7411	30.89509	24.9382	0.93	715	28.1	16.9
106.5	11.59	4.96E-01	209.93	371.0262	30.91885	24.95737	0.93	715	28.1	16.9
102	11.1	4.73E-01	206.05	318.5817	26.54848	21.42966	0.93	715	28.1	16.9
102	11.1	4.75E-01	205.99	319.7924	26.64937	21.51109	0.93	715	28.1	16.9
102	11.1	4.74E-01	205.85	319.1411	26.59509	21.46728	0.93	715	28.1	16.9
102	11.1	4.73E-01	205.55	317.8415	26.48679	21.37986	0.93	715	28.1	16.9
102	11.1	4.71E-01	205.71	317.1866	26.43222	21.33581	0.93	715	28	18.7
97.5	10.61	4.41E-01	200.84	264.8485	22.07071	17.81525	0.93	715	28	18.7
97.5	10.61	4.50E-01	201.14	270.5133	22.54277	18.19629	0.93	715	28	18.7
97.5	10.61	4.49E-01	201.24	270.2626	22.52188	18.17943	0.93	715	28	18.7
97.5	10.61	4.46E-01	200.65	267.2155	22.26796	17.97447	0.93	715	28	18.7
97.5	10.61	4.45E-01	200.97	267.2693	22.27244	17.97809	0.93	715	28	18.8
93	10.12	4.11E-01	195.86	218.9204	18.24337	14.72586	0.93	715	28	18.8
93	10.12	4.09E-01	195.7	217.7304	18.1442	14.64581	0.93	715	28	18.8
93	10.12	4.09E-01	195.78	217.4918	18.12431	14.62976	0.93	715	28	18.8
93	10.12	4.12E-01	195.99	219.3945	18.28288	14.75775	0.93	715	28	18.8
93	10.12	4.10E-01	195.61	217.9672	18.16393	14.66174	0.93	715	27.8	18.7
88.5	9.63	3.65E-01	190.79	171.5621	14.29685	11.54027	0.93	715	27.8	18.7
88.5	9.63	3.65E-01	190.79	171.5621	14.29685	11.54027	0.93	715	27.8	18.7
88.5	9.63	3.66E-01	190.83	172.1901	14.34918	11.58251	0.93	715	27.8	18.7
88.5	9.63	3.65E-01	190.67	171.1601	14.26335	11.51323	0.93	715	27.8	18.7
88.5	9.63	3.69E-01	191.11	173.6144	14.46786	11.67831	0.93	715	27.8	18.7
88.5	9.63	3.66E-01	190.83	172.1787	14.34822	11.58174	0.93	715	27.8	18.7
88.5	9.63	3.66E-01	190.83	172.1787	14.34822	11.58174	0.93	715	27.8	18.7
88.5	9.63	3.65E-01	190.99	171.7274	14.31062	11.55138	0.93	715	28	19
88.5	9.63	3.65E-01	190.79	171.5466	14.29555	11.53922	0.93	715	28	19
88.5	9.63	3.66E-01	191.02	172.3522	14.36268	11.59341	0.93	715	28	19
88.5	9.63	3.67E-01	190.75	172.4032	14.36693	11.59684	0.93	715	28	19
88.5	9.63	3.68E-01	191.18	173.3885	14.44904	11.66312	0.93	715.4	27.9	19.1
88.5	9.63	3.73E-01	191.63	175.8655	14.65546	11.82973	0.93	715.4	27.9	19.1
88.5	9.63	3.73E-01	191.95	176.4561	14.70467	11.86946	0.93	715.4	27.9	19.1
88.5	9.63	3.61E-01	190.66	169.6667	14.1389	11.41277	0.93	715.4	27.9	19.1
88.5	9.63	3.60E-01	190.23	168.6863	14.05719	11.34682	0.93	715.8	27.7	19.3
88.5	9.63	3.67E-01	191.14	172.7559	14.39633	11.62057	0.93	715.8	27.7	19.3
88.5	9.63	3.68E-01	191.38	173.5487	14.46239	11.6739	0.93	715.8	27.7	19.3
88.5	9.63	3.63E-01	190.62	170.5017	14.20847	11.46893	0.93	715.8	27.7	19.3
88.5	9.63	3.58E-01	190.25	167.8246	13.98538	11.28886	0.93	715.8	27.7	19.4
88.5	9.63	3.58E-01	190.25	167.8246	13.98538	11.28886	0.93	715.8	27.7	19.4
88.5	9.63	3.65E-01	190.66	171.1349	14.26124	11.51153	0.93	715.8	27.7	19.4
88.5	9.63	3.65E-01	190.85	171.3108	14.2759	11.52336	0.93	715.8	27.7	19.4
88.5	9.63	3.65E-01	190.85	171.3108	14.2759	11.52336	0.93	715.8	27.7	19.4
88.5	9.63	3.63E-01	190.69	170.2806	14.19005	11.45406	0.93	715.8	27.6	19.5
88.5	9.63	3.63E-01	190.69	170.2806	14.19005	11.45406	0.93	715.8	27.6	19.5
88.5	9.63	3.66E-01	191.09	172.1155	14.34296	11.57749	0.93	715.8	27.6	19.5
88.5	9.63	3.72E-01	190.32	174.3589	14.5299	11.72839	0.93	715.8	27.6	19.5
88.5	9.63	3.62E-01	190.77	170.0537	14.17114	11.4388	0.93	715.8	27.6	19.5
88.5	9.63	3.61E-01	190.73	169.4256	14.1188	11.39655	0.93	715.8	27.6	19.5
84	9.14	3.18E-01	186.75	131.7492	10.9791	8.86222	0.93	715.8	27.6	19.5
84	9.14	3.17E-01	186.81	131.5366	10.96138	8.84792	0.93	715.8	27.6	19.5
84	9.14	3.16E-01	186.65	130.6417	10.88681	8.78772	0.93	715.8	27.6	19.5
84	9.14	3.16E-01	186.65	130.6417	10.88681	8.78772	0.93	715.8	27.6	19.5
84	9.14	3.16E-01	186.47	130.5142	10.87618	8.77914	0.93	715.8	27.6	19.5
79.5	8.65	2.75E-01	183.14	99.958	8.32983	6.72376	0.93	715.8	27.6	19.5
79.5	8.65	2.72E-01	183.39	99.1777	8.26481	6.67127	0.93	715.8	27.6	19.5
79.5	8.65	2.71E-01	183.46	98.7595	8.22996	6.64314	0.93	715.8	27.6	19.5
79.5	8.65	2.70E-01	183.17	98.3727	8.19772	6.61712	0.93	715.8	27.6	19.5
79.5	8.65	2.73E-01	183.22	99.5441	8.29534	6.69591	0.93	715.8	27.6	19.5
75.5	8.22	2.15E-01	179.49	69.2317	5.76931	4.65693	0.93	715.8	27.6	19.5
75.5	8.22	2.14E-01	179.61	68.7707	5.73089	4.62592	0.93	715.8	27.6	19.5
75.5	8.22	2.12E-01	179.38	68.2772	5.68977	4.59272	0.93	715.8	27.6	19.5
75.5	8.22	2.13E-01	179.31	68.5538	5.71281	4.61132	0.93	715.8	27.6	19.5
75.5	8.22	2.13E-01	179.33	68.4616	5.70513	4.60512	0.93	715.8	27.3	19.5
71	7.73	1.72E-01	177.33	48.3898	4.03248	3.25498	0.93	715.8	27.3	19.5
71	7.73	1.73E-01	177.31	48.4729	4.03941	3.26057	0.93	715.8	27.3	19.5
71	7.73	1.74E-01	177.51	48.9975	4.08312	3.29585	0.93	715.8	27.3	19.5
71	7.73	1.72E-01	177.32	48.4137	4.03447	3.25658	0.93	715.8	27.3	19.5
71	7.73	1.73E-01	177.3	48.4966	4.04138	3.26216	0.94	717	27.2	19.4
66.5	7.24	1.19E-01	175.15	29.0196	2.4183	1.95202	0.94	717	27.2	19.4
66.5	7.24	1.18E-01	175.2	28.7221	2.39351	1.93201	0.94	717	27.2	19.4
66.5	7.24	1.16E-01	175.27	28.3498	2.36248	1.90697	0.94	717	27.2	19.4
66.5	7.24	1.19E-01	175.14	29.094	2.4245	1.95703	0.94	717	27.2	19.4
66.5	7.24	1.19E-01	175.16	28.9453	2.4121	1.94703	0.94	717	27.2	19.5

TABLA N° ANEXO C.89: Conductor 8, AAAC 4.6 cm.

Muestra 2. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
24	26.4	713	0.93	185.5	20.19	4.6	0.8149

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
124	13.49	4.21E-05	167.41	0.0341	0.00284	0.00229	0.93	712.8	26.5	22
124	13.49	4.24E-05	167.41	0.0343	0.00286	0.00231	0.93	712.8	26.5	22
124	13.49	4.24E-05	167.68	0.0344	0.00286	0.00231	0.93	712.8	26.5	22
124	13.49	4.49E-05	167.68	0.0364	0.00303	0.00245	0.93	712.8	26.5	22
124	13.49	4.02E-05	167.68	0.0326	0.00272	0.00219	0.93	712.8	26.5	22
119.5	13	4.02E-05	167.68	0.0303	0.00252	0.00204	0.93	712.8	26.6	21.8
119.5	13	3.99E-05	167.68	0.03	0.0025	0.00202	0.93	712.8	26.6	21.8
119.5	13	4.08E-05	167.68	0.0307	0.00256	0.00207	0.93	712.8	26.6	21.8
119.5	13	4.87E-05	167.68	0.0367	0.00305	0.00247	0.93	712.8	26.6	21.8
119.5	13	4.34E-05	167.41	0.0326	0.00272	0.00219	0.93	712.8	26.6	21.8
115	12.51	4.34E-05	167.41	0.0302	0.00251	0.00203	0.93	712.8	26.6	21.8
115	12.51	4.34E-05	167.41	0.0302	0.00251	0.00203	0.93	712.8	26.6	21.8
115	12.51	5.09E-05	167.41	0.0354	0.00295	0.00238	0.93	712.8	26.6	21.8
115	12.51	5.09E-05	167.41	0.0354	0.00295	0.00238	0.93	712.8	26.6	21.8
115	12.51	4.02E-05	167.41	0.028	0.00233	0.00188	0.93	712.8	26.6	21.8
110.5	12.02	5.22E-05	167.67	0.0336	0.0028	0.00226	0.93	712.8	26.9	21.6
110.5	12.02	5.22E-05	167.41	0.0335	0.00279	0.00225	0.93	712.8	26.9	21.6
110.5	12.02	5.22E-05	167.41	0.0335	0.00279	0.00225	0.93	712.8	26.9	21.6
110.5	12.02	4.46E-05	167.41	0.0287	0.00239	0.00193	0.93	712.8	26.9	21.6
110.5	12.02	4.46E-05	167.41	0.0287	0.00239	0.00193	0.93	712.8	26.9	21.6
106.5	11.59	4.46E-05	167.41	0.0266	0.00222	0.00179	0.93	712.8	27.1	21.6
106.5	11.59	4.46E-05	167.41	0.0266	0.00222	0.00179	0.93	712.8	27.1	21.6
106.5	11.59	4.87E-05	167.41	0.0291	0.00242	0.00196	0.93	712.8	27.1	21.6
106.5	11.59	4.87E-05	167.41	0.0291	0.00242	0.00196	0.93	712.8	27.1	21.6
106.5	11.59	4.87E-05	167.41	0.0291	0.00242	0.00196	0.93	712.8	27.1	21.6
102	11.1	4.87E-05	167.41	0.0267	0.00222	0.00179	0.93	712.8	27.3	21.7
102	11.1	4.24E-05	167.68	0.0233	0.00194	0.00156	0.93	712.8	27.3	21.7
102	11.1	4.24E-05	167.68	0.0233	0.00194	0.00156	0.93	712.8	27.3	21.7
102	11.1	4.24E-05	167.14	0.0232	0.00193	0.00156	0.93	712.8	27.3	21.7
102	11.1	4.68E-05	167.14	0.0256	0.00213	0.00172	0.93	712.8	27.3	21.7
97.5	10.61	5.40E-05	167.14	0.027	0.00225	0.00182	0.93	712.8	27.3	21.7
97.5	10.61	5.40E-05	167.14	0.027	0.00225	0.00182	0.93	712.8	27.3	21.7
97.5	10.61	5.12E-05	167.14	0.0256	0.00213	0.00172	0.93	712.8	27.3	21.7
97.5	10.61	4.43E-05	167.14	0.0221	0.00184	0.00149	0.93	712.8	27.3	21.7
97.5	10.61	4.84E-05	167.14	0.0242	0.00201	0.00163	0.93	712.8	27.4	21.7
93	10.12	4.84E-05	167.14	0.022	0.00183	0.00148	0.93	712.8	27.4	21.7
93	10.12	4.84E-05	167.41	0.022	0.00184	0.00148	0.93	712.8	27.4	21.7
93	10.12	5.00E-05	167.41	0.0227	0.00189	0.00153	0.93	712.8	27.4	21.7
93	10.12	4.81E-05	167.41	0.0219	0.00182	0.00147	0.93	712.8	27.4	21.7
93	10.12	5.18E-05	167.41	0.0236	0.00197	0.00159	0.93	712.8	27.4	21.7
88.5	9.63	4.34E-05	167.41	0.0179	0.00149	0.0012	0.93	712.8	27.4	21.5
88.5	9.63	4.34E-05	167.41	0.0179	0.00149	0.0012	0.93	712.8	27.4	21.5
88.5	9.63	4.96E-05	167.15	0.0204	0.0017	0.00137	0.93	712.8	27.4	21.5
88.5	9.63	4.96E-05	167.15	0.0204	0.0017	0.00137	0.93	712.8	27.4	21.5
88.5	9.63	4.96E-05	167.41	0.0205	0.00171	0.00138	0.93	712.8	27.4	21.5
88.5	9.63	5.53E-05	167.41	0.0228	0.0019	0.00153	0.93	712.8	27.4	21.5
88.5	9.63	5.53E-05	167.41	0.0228	0.0019	0.00153	0.93	712.8	27.4	21.5
88.5	9.63	5.53E-05	167.41	0.0228	0.0019	0.00153	0.93	712.8	27.4	21.5
88.5	9.63	4.12E-05	167.41	0.017	0.00141	0.00114	0.93	712.8	27.4	21.5
88.5	9.63	4.12E-05	167.68	0.017	0.00142	0.00114	0.93	712.8	27.4	21.5
88.5	9.63	4.12E-05	167.68	0.017	0.00142	0.00114	0.93	712.8	27.4	21.5
88.5	9.63	4.12E-05	167.68	0.017	0.00142	0.00114	0.93	712.8	27.4	21.5
88.5	9.63	4.12E-05	167.68	0.017	0.00142	0.00114	0.93	712.8	27.4	21.5
88.5	9.63	5.03E-05	167.68	0.0208	0.00173	0.0014	0.93	712.8	27.4	21.5
88.5	9.63	4.43E-05	167.68	0.0183	0.00152	0.00123	0.93	712.8	27.4	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.4	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.4	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.4	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.6	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.6	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.6	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.6	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.6	21.5
88.5	9.63	4.43E-05	167.41	0.0183	0.00152	0.00123	0.93	712.8	27.6	21.5
88.5	9.63	4.49E-05	167.68	0.0185	0.00155	0.00125	0.93	712.8	27.6	21.5
88.5	9.63	5.15E-05	167.68	0.0213	0.00177	0.00143	0.93	712.8	27.6	21.5
88.5	9.63	5.22E-05	167.68	0.0215	0.00179	0.00145	0.93	712.8	27.6	21.5
88.5	9.63	5.06E-05	167.41	0.0208	0.00174	0.0014	0.93	712.8	27.6	21.5
88.5	9.63	5.15E-05	167.41	0.0212	0.00177	0.00143	0.93	712.8	27.6	21.5
88.5	9.63	5.15E-05	167.41	0.0212	0.00177	0.00143	0.93	712.8	27.6	21.5
84	9.14	4.43E-05	167.14	0.0164	0.00137	0.0011	0.93	712.8	27.6	21.3
84	9.14	4.90E-05	167.14	0.0182	0.00151	0.00122	0.93	712.8	27.6	21.3
84	9.14	4.90E-05	167.14	0.0182	0.00151	0.00122	0.93	712.8	27.6	21.3
84	9.14	4.56E-05	167.14	0.0169	0.00141	0.00114	0.93	712.8	27.6	21.3
84	9.14	4.56E-05	167.14	0.0169	0.00141	0.00114	0.93	712.8	27.6	21.3
79.5	8.65	4.96E-05	167.41	0.0165	0.00138	0.00111	0.93	712.8	27.7	21.3
79.5	8.65	4.96E-05	167.68	0.0165	0.00138	0.00111	0.93	712.8	27.7	21.3
79.5	8.65	4.84E-05	167.68	0.0161	0.00134	0.00108	0.93	712.8	27.7	21.3
79.5	8.65	4.84E-05	167.41	0.0161	0.00134	0.00108	0.93	712.8	27.7	21.3
79.5	8.65	4.46E-05	167.41	0.0148	0.00124	0.001	0.93	712.8	27.7	21.3

TABLA N° ANEXO C.90: Conductor 8, AAAC 4.6 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
35.2	26.4	714	0.94	137.3	14.94	4.6	0.6024

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	3.62E-04	168.55	0.2339	0.0195	0.01574	0.93	714.3	26.6	36
110.5	12.02	3.62E-04	168.55	0.2339	0.0195	0.01574	0.93	714.3	26.6	36
110.5	12.02	3.62E-04	168.55	0.2339	0.0195	0.01574	0.93	714.3	26.6	36
110.5	12.02	3.79E-04	168.55	0.2451	0.02043	0.01649	0.93	714.3	26.6	36
110.5	12.02	3.79E-04	168.55	0.2451	0.02043	0.01649	0.93	714.3	26.6	36
106.5	11.59	3.80E-04	168.55	0.2283	0.01902	0.01535	0.93	714.3	26.6	36.2
106.5	11.59	3.80E-04	168.55	0.2283	0.01902	0.01535	0.93	714.3	26.6	36.2
106.5	11.59	3.80E-04	168.55	0.2283	0.01902	0.01535	0.93	714.3	26.6	36.2
106.5	11.59	3.89E-04	168.55	0.2337	0.01948	0.01572	0.93	714.3	26.6	36.2
106.5	11.59	3.89E-04	168.55	0.2337	0.01948	0.01572	0.93	714.3	26.6	36.2
102	11.1	3.89E-04	168.55	0.2144	0.01787	0.01442	0.93	714.3	26.6	36.4
102	11.1	3.70E-04	168.55	0.2038	0.01699	0.01371	0.93	714.3	26.6	36.4
102	11.1	3.70E-04	168.55	0.2038	0.01699	0.01371	0.93	714.3	26.6	36.4
102	11.1	3.38E-04	168.55	0.1865	0.01554	0.01255	0.93	714.3	26.6	36.4
102	11.1	3.38E-04	168.55	0.1865	0.01554	0.01255	0.93	714.3	26.6	36.4
97.5	10.61	3.69E-04	168.55	0.1858	0.01548	0.0125	0.93	714.3	26.8	36.2
97.5	10.61	3.69E-04	168.55	0.1858	0.01548	0.0125	0.93	714.3	26.8	36.2
97.5	10.61	3.54E-04	168.55	0.1785	0.01487	0.01201	0.93	714.3	26.8	36.2
97.5	10.61	3.61E-04	168.55	0.1818	0.01515	0.01223	0.93	714.3	26.8	36.2
97.5	10.61	3.61E-04	168.55	0.1818	0.01515	0.01223	0.93	714.3	26.8	36.2
93	10.12	3.78E-04	168.55	0.1732	0.01443	0.01165	0.93	714.3	26.8	36.2
93	10.12	3.78E-04	168.55	0.1732	0.01443	0.01165	0.93	714.3	26.8	36.2
93	10.12	3.77E-04	168.55	0.1726	0.01439	0.01161	0.93	714.3	26.8	36.2
93	10.12	3.77E-04	168.55	0.1726	0.01439	0.01161	0.93	714.3	26.8	36.2
93	10.12	3.77E-04	168.55	0.1726	0.01439	0.01161	0.93	714.3	26.8	36.2
88.5	9.63	4.09E-04	168.55	0.1696	0.01414	0.01141	0.93	714.3	26.8	36.1
88.5	9.63	4.09E-04	168.55	0.1696	0.01414	0.01141	0.93	714.3	26.8	36.1
88.5	9.63	3.46E-04	168.55	0.1435	0.01196	0.00966	0.93	714.3	26.8	36.1
88.5	9.63	3.46E-04	168.55	0.1435	0.01196	0.00966	0.93	714.3	26.8	36.1
88.5	9.63	4.07E-04	168.55	0.1687	0.01406	0.01135	0.93	714.3	26.8	36.1
88.5	9.63	4.07E-04	168.55	0.1687	0.01406	0.01135	0.93	714.3	26.8	36.1
88.5	9.63	4.07E-04	168.55	0.1687	0.01406	0.01135	0.93	714.3	26.8	36.1
88.5	9.63	4.07E-04	168.55	0.1687	0.01406	0.01135	0.93	714.3	26.8	36.1
88.5	9.63	3.46E-04	168.55	0.1437	0.01197	0.00966	0.93	714.3	26.8	36.1
88.5	9.63	3.78E-04	168.55	0.1567	0.01306	0.01054	0.93	714.3	26.8	36.1
88.5	9.63	3.44E-04	168.55	0.1428	0.0119	0.0096	0.93	714.3	26.8	36.1
88.5	9.63	3.74E-04	168.55	0.1553	0.01294	0.01045	0.93	714.3	27	36.1
88.5	9.63	4.06E-04	168.55	0.1683	0.01403	0.01132	0.93	714.3	27	36.1
88.5	9.63	3.43E-04	168.55	0.1422	0.01185	0.00957	0.93	714.3	27	36.1
88.5	9.63	3.43E-04	168.55	0.1422	0.01185	0.00957	0.93	714.3	27	36.1
88.5	9.63	3.74E-04	168.55	0.1553	0.01294	0.01045	0.93	714.3	27	36.1
88.5	9.63	3.74E-04	168.55	0.1553	0.01294	0.01045	0.93	714.3	27	36.1
88.5	9.63	3.74E-04	168.55	0.1553	0.01294	0.01045	0.93	714.3	27	36.1
88.5	9.63	3.77E-04	168.55	0.1565	0.01304	0.01052	0.93	714.3	27	36.3
88.5	9.63	3.67E-04	168.55	0.1522	0.01268	0.01023	0.93	714.3	27	36.3
88.5	9.63	3.98E-04	168.55	0.1652	0.01377	0.01111	0.93	714.3	27	36.3
88.5	9.63	3.98E-04	168.55	0.1652	0.01377	0.01111	0.93	714.3	27	36.3
88.5	9.63	3.67E-04	168.55	0.1524	0.0127	0.01025	0.93	714.3	27	36.3
88.5	9.63	3.36E-04	168.55	0.1394	0.01161	0.00938	0.93	714.3	27	36.3
88.5	9.63	3.36E-04	168.55	0.1394	0.01161	0.00938	0.93	714.3	27	36.3
88.5	9.63	3.36E-04	168.55	0.1394	0.01161	0.00938	0.93	714.3	27	36.3
88.5	9.63	3.91E-04	168.55	0.1623	0.01353	0.01092	0.93	714.3	27	36.3
88.5	9.63	3.91E-04	168.55	0.1623	0.01353	0.01092	0.93	714.3	27	36.3
88.5	9.63	3.91E-04	168.55	0.1623	0.01353	0.01092	0.93	714.3	27	36.3
88.5	9.63	4.09E-04	168.55	0.1698	0.01415	0.01142	0.93	714.3	27	36.3
84	9.14	3.78E-04	168.55	0.1412	0.01176	0.0095	0.93	714.5	27.2	36.7
84	9.14	3.78E-04	168.55	0.1412	0.01176	0.0095	0.93	714.5	27.2	36.7
84	9.14	3.58E-04	168.55	0.1338	0.01115	0.009	0.93	714.5	27.2	36.7
84	9.14	3.58E-04	168.55	0.1338	0.01115	0.009	0.93	714.5	27.2	36.7
84	9.14	3.89E-04	168.55	0.1455	0.01213	0.00979	0.93	714.5	27.2	36.7
79.5	8.65	3.89E-04	168.55	0.1304	0.01086	0.00877	0.93	714.5	27.2	36.8
79.5	8.65	3.89E-04	168.55	0.1304	0.01086	0.00877	0.93	714.5	27.2	36.8
79.5	8.65	3.89E-04	168.55	0.1304	0.01086	0.00877	0.93	714.5	27.2	36.8
79.5	8.65	3.90E-04	168.55	0.1308	0.0109	0.0088	0.93	714.5	27.2	36.8
79.5	8.65	3.66E-04	168.55	0.1225	0.01021	0.00824	0.93	714.5	27.2	36.8
75.5	8.22	3.93E-04	168.55	0.1188	0.0099	0.00799	0.93	714.5	27.2	36.8
75.5	8.22	3.62E-04	168.55	0.1093	0.00911	0.00735	0.93	714.5	27.2	36.8
75.5	8.22	3.62E-04	168.55	0.1093	0.00911	0.00735	0.93	714.5	27.2	36.8
75.5	8.22	3.96E-04	168.55	0.1196	0.00996	0.00804	0.93	714.5	27.2	36.8
75.5	8.22	3.96E-04	168.55	0.1196	0.00996	0.00804	0.93	714.5	27.2	36.8
71	7.73	3.64E-04	168.55	0.0973	0.00811	0.00655	0.93	714.5	27.4	37
71	7.73	3.64E-04	168.55	0.0973	0.00811	0.00655	0.93	714.5	27.4	37
71	7.73	3.64E-04	168.55	0.0973	0.00811	0.00655	0.93	714.5	27.4	37
71	7.73	3.64E-04	168.55	0.0973	0.00811	0.00655	0.93	714.5	27.4	37
71	7.73	3.73E-04	168.55	0.0996	0.0083	0.0067	0.93	714.5	27.4	37
66.5	7.24	3.69E-04	168.55	0.0863	0.0072	0.00581	0.93	714.5	27.4	36.9
66.5	7.24	3.69E-04	168.55	0.0863	0.0072	0.00581	0.93	714.5	27.4	36.9
66.5	7.24	3.74E-04	168.55	0.0875	0.00729	0.00589	0.93	714.5	27.4	36.9
66.5	7.24	3.74E-04	168.55	0.0875	0.00729	0.00589	0.93	714.5	27.4	36.9
66.5	7.24	3.42E-04	168.55	0.0802	0.00668	0.00539	0.93	714.5	27.4	36.9

TABLA N° ANEXO C.91: Conductor 8, AAAC 4.6 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
23.6	26.7	717	0.94	94	10.23	4.6	0.4112

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	3.31E-02	172.63	21.962	1.83017	1.47729	0.93	714.8	28	21.5
110.5	12.02	3.31E-02	172.63	21.962	1.83017	1.47729	0.93	714.8	28	21.5
110.5	12.02	3.38E-02	172.63	22.4231	1.86859	1.50831	0.93	714.8	28	21.5
110.5	12.02	3.29E-02	172.64	21.8	1.81666	1.46639	0.93	714.8	28	21.5
110.5	12.02	3.26E-02	172.74	21.6049	1.80041	1.45327	0.93	714.8	28	21.5
106.5	11.59	1.18E-02	172.9	7.2495	0.60413	0.48765	0.93	714.8	28	21.7
106.5	11.59	1.15E-02	172.9	7.1101	0.59251	0.47827	0.93	714.8	28	21.7
106.5	11.59	1.18E-02	172.9	7.3047	0.60873	0.49136	0.93	714.8	28	21.7
106.5	11.59	1.15E-02	172.9	7.1101	0.59251	0.47827	0.93	714.8	28	21.7
106.5	11.59	1.15E-02	172.9	7.1101	0.59251	0.47827	0.93	714.8	28	21.7
102	11.1	6.05E-03	172.92	3.4239	0.28532	0.23031	0.93	714.7	28	22
102	11.1	6.37E-03	172.92	3.6015	0.30013	0.24226	0.93	714.7	28	22
102	11.1	6.37E-03	172.92	3.6015	0.30013	0.24226	0.93	714.7	28	22
102	11.1	5.74E-03	172.92	3.2462	0.27052	0.21836	0.93	714.7	28	22
102	11.1	5.43E-03	172.92	3.0685	0.25571	0.20641	0.93	714.7	28	22
97.5	10.61	3.12E-03	173	1.6137	0.13447	0.10855	0.93	714.7	28	21.9
97.5	10.61	3.16E-03	173.01	1.6316	0.13597	0.10975	0.93	714.7	28	21.9
97.5	10.61	3.19E-03	173.01	1.6499	0.13749	0.11098	0.93	714.7	28	21.9
97.5	10.61	3.05E-03	173	1.5789	0.13158	0.10621	0.93	714.7	28	21.9
97.5	10.61	3.08E-03	173	1.5918	0.13265	0.10707	0.93	714.7	28	21.9
93	10.12	2.01E-03	173.01	0.9473	0.07894	0.06372	0.93	714.5	28	21.5
93	10.12	1.94E-03	173.01	0.9114	0.07595	0.0613	0.93	714.5	28	21.5
93	10.12	1.94E-03	173.01	0.9114	0.07595	0.0613	0.93	714.5	28	21.7
93	10.12	1.94E-03	173.01	0.9114	0.07595	0.0613	0.93	714.5	28	21.7
93	10.12	1.88E-03	173.01	0.886	0.07383	0.0596	0.93	714.5	28	21.7
88.5	9.63	1.45E-03	173.01	0.6156	0.0513	0.04141	0.93	714.3	28	21.4
88.5	9.63	1.45E-03	173.01	0.6156	0.0513	0.04141	0.93	714.3	28	21.4
88.5	9.63	1.45E-03	173.01	0.6156	0.0513	0.04141	0.93	714.3	28	21.4
88.5	9.63	1.44E-03	173.01	0.6143	0.05119	0.04132	0.93	714.3	28	21.4
88.5	9.63	1.44E-03	173	0.6129	0.05108	0.04123	0.93	714.3	28	21.3
88.5	9.63	1.44E-03	173	0.6129	0.05108	0.04123	0.93	714.3	28	21.3
88.5	9.63	1.43E-03	173	0.6076	0.05063	0.04087	0.93	714.3	28	21.3
88.5	9.63	1.42E-03	173	0.6069	0.05057	0.04082	0.93	714.3	28	21.3
88.5	9.63	1.43E-03	173	0.6076	0.05063	0.04087	0.93	714.1	28	21.3
88.5	9.63	1.44E-03	173	0.6143	0.05119	0.04132	0.93	714.1	28	21.3
88.5	9.63	1.44E-03	173	0.6143	0.05119	0.04132	0.93	714.1	28	21.3
88.5	9.63	1.43E-03	173	0.6075	0.05063	0.04087	0.93	714.1	28	21.3
88.5	9.63	1.44E-03	173	0.6129	0.05108	0.04123	0.93	714.1	28	21.6
88.5	9.63	1.45E-03	173	0.6156	0.0513	0.04141	0.93	714.1	28	21.6
88.5	9.63	1.43E-03	173.01	0.6102	0.05085	0.04105	0.93	714.1	28	21.6
88.5	9.63	1.46E-03	173	0.6223	0.05186	0.04186	0.93	714.1	28	21.6
88.5	9.63	1.46E-03	173	0.6223	0.05186	0.04186	0.93	714.1	28	21.6
88.5	9.63	1.45E-03	173	0.6156	0.0513	0.04141	0.93	714.1	28	22
88.5	9.63	1.48E-03	173	0.6303	0.05253	0.0424	0.93	714.1	28	22
88.5	9.63	1.46E-03	173	0.6236	0.05197	0.04195	0.93	714.1	28	22
88.5	9.63	1.45E-03	173	0.6183	0.05152	0.04159	0.93	714.1	28	22
88.5	9.63	1.48E-03	173	0.629	0.05241	0.04231	0.93	714	28.1	22
88.5	9.63	1.48E-03	173	0.629	0.05241	0.04231	0.93	714	28.1	22.2
88.5	9.63	1.48E-03	173	0.629	0.05241	0.04231	0.93	714	28.1	22.2
88.5	9.63	1.46E-03	173	0.6216	0.0518	0.04181	0.93	714	28.1	22.2
88.5	9.63	1.48E-03	173	0.629	0.05241	0.04231	0.93	714	28.1	22.2
88.5	9.63	1.48E-03	173	0.629	0.05241	0.04231	0.93	714	28.1	22.2
88.5	9.63	1.52E-03	173.01	0.6464	0.05387	0.04348	0.93	714	28.1	22.2
88.5	9.63	1.46E-03	173	0.6223	0.05186	0.04186	0.93	714	28.1	22.2
88.5	9.63	1.47E-03	173	0.6276	0.0523	0.04222	0.93	714	28.1	22.2
84	9.14	1.16E-03	173.01	0.4443	0.03702	0.02988	0.93	714	28	22
84	9.14	1.16E-03	173.01	0.4449	0.03707	0.02992	0.93	714	28	22
84	9.14	1.16E-03	173.01	0.4461	0.03717	0.03001	0.93	714	28	22
84	9.14	1.18E-03	173.01	0.4521	0.03768	0.03041	0.93	714	28	22
84	9.14	1.17E-03	173	0.4485	0.03737	0.03017	0.93	714	28	22
79.5	8.65	1.02E-03	173.01	0.351	0.02925	0.02361	0.93	714	28	22
79.5	8.65	1.08E-03	173.01	0.3709	0.03091	0.02495	0.93	714	28	22
79.5	8.65	1.08E-03	173.01	0.3709	0.03091	0.02495	0.93	714	28	22
79.5	8.65	1.06E-03	173	0.3661	0.03051	0.02462	0.93	714	28	22
79.5	8.65	1.06E-03	173	0.3661	0.03051	0.02462	0.93	713.8	28	21.7
75.5	8.22	9.64E-04	173.01	0.299	0.02492	0.02011	0.93	713.8	28	21.7
75.5	8.22	9.69E-04	173.01	0.3005	0.02504	0.02021	0.93	713.8	28	21.7
75.5	8.22	9.74E-04	173.01	0.3018	0.02515	0.0203	0.93	713.8	28	21.7
75.5	8.22	9.74E-04	173.01	0.3018	0.02515	0.0203	0.93	713.8	28	21.7
75.5	8.22	9.74E-04	173.01	0.3018	0.02515	0.0203	0.93	713.8	28	21.7
71	7.73	9.17E-04	173.01	0.2515	0.02096	0.01692	0.93	713.8	28.2	22
71	7.73	9.17E-04	173.03	0.2515	0.02096	0.01692	0.93	713.8	28.2	22
71	7.73	9.17E-04	173.03	0.2515	0.02096	0.01692	0.93	713.8	28.2	22
71	7.73	9.17E-04	173.01	0.2515	0.02096	0.01692	0.93	713.8	28.2	22
71	7.73	9.17E-04	173.01	0.2515	0.02096	0.01692	0.93	713.8	28.2	22
66.5	7.24	8.89E-04	173.01	0.2138	0.01782	0.01438	0.93	713.8	28	21.6
66.5	7.24	8.92E-04	173	0.2146	0.01788	0.01443	0.93	713.8	26	21.6
66.5	7.24	6.92E-04	173	0.2146	0.01788	0.01443	0.93	713.8	28	21.6
66.5	7.24	6.95E-04	173	0.2153	0.01795	0.01449	0.93	713	26	21.6
66.5	7.24	8.95E-04	173	0.2153	0.01795	0.01449	0.93	713	28	21.6

TABLA N° ANEXO C.92: Conductor 8, AAAC 4.6 cm.

Muestra 2. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
18.5	25.9	717.4	0.94	41.44	4.51	4.6	0.1807

Pérdidas por efecto Corona en la Muestra 2

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	5.07E-01	211.29	411.2419	34.27016	27.66252	0.93	715	27.6	17.4
110.5	12.02	5.08E-01	211.7	413.056	34.42133	27.78454	0.93	715	27.6	17.4
110.5	12.02	5.07E-01	211.38	411.4007	34.28339	27.6732	0.93	715	27.6	17.4
110.5	12.02	5.07E-01	211.38	411.4007	34.28339	27.6732	0.93	715	27.6	17.4
110.5	12.02	5.07E-01	211.38	411.4007	34.28339	27.6732	0.93	715	27.6	17.4
106.5	11.59	4.82E-01	206.5	354.8323	29.56936	23.86808	0.93	714.9	27.9	17.6
106.5	11.59	4.83E-01	206.48	355.2863	29.60719	23.89862	0.93	714.9	27.9	17.6
106.5	11.59	4.80E-01	206.13	352.8393	29.40328	23.73402	0.93	714.9	27.6	17.5
106.5	11.59	4.77E-01	205.65	349.701	29.14175	23.52292	0.93	714.9	27.6	17.5
106.5	11.59	4.79E-01	205.59	350.9908	29.24923	23.60968	0.93	714.9	27.6	17.5
102	11.1	4.57E-01	202.06	301.8939	25.15782	20.30714	0.93	714.9	27.6	17.4
102	11.1	4.59E-01	202.24	303.4219	25.28516	20.40992	0.93	714.9	27.6	17.4
102	11.1	4.57E-01	202.2	302.5263	25.21053	20.34968	0.93	714.9	27.6	17.4
102	11.1	4.56E-01	201.9	301.3351	25.11126	20.26955	0.93	714.9	27.6	17.4
102	11.1	4.54E-01	201.6	299.1472	24.92893	20.12238	0.93	714.9	27.6	17.4
97.5	10.61	4.26E-01	197.08	250.929	20.91075	16.87894	0.93	714.9	27.6	17.3
97.5	10.61	4.21E-01	196.65	247.6705	20.63921	16.65976	0.93	714.9	27.6	17.3
97.5	10.61	4.22E-01	196.56	247.9282	20.66068	16.67709	0.93	714.9	27.6	17.3
97.5	10.61	4.22E-01	196.56	247.9282	20.66068	16.67709	0.93	714.9	27.6	17.3
97.5	10.61	4.25E-01	196.85	249.7808	20.81506	16.8017	0.93	714.9	27.6	17.3
93	10.12	3.85E-01	191.95	200.9323	16.74436	13.51587	0.93	714.9	27.6	17.5
93	10.12	3.88E-01	192.23	202.54	16.87833	13.62401	0.93	714.9	27.6	17.5
93	10.12	3.88E-01	192.23	202.54	16.87833	13.62401	0.93	714.9	27.6	17.5
93	10.12	3.92E-01	192.67	205.3103	17.10919	13.81036	0.93	714.9	27.6	17.5
93	10.12	3.95E-01	192.87	207.171	17.26425	13.93552	0.93	714.9	27.6	17.5
88.5	9.63	3.44E-01	187.61	158.9814	13.24845	10.69401	0.93	714.8	27.6	17.8
88.5	9.63	3.41E-01	187.22	157.2059	13.1005	10.57458	0.93	714.8	27.6	17.8
88.5	9.63	3.44E-01	187.27	158.5754	13.21461	10.6667	0.93	714.8	27.6	17.8
88.5	9.63	3.44E-01	187.27	158.5754	13.21461	10.6667	0.93	714.8	27.6	17.8
88.5	9.63	3.46E-01	187.59	159.9135	13.32612	10.75671	0.93	714.8	27.6	17.8
88.5	9.63	3.46E-01	187.67	159.7127	13.30939	10.7432	0.93	714.8	27.6	17.9
88.5	9.63	3.46E-01	187.67	159.7127	13.30939	10.7432	0.93	714.8	27.6	17.9
88.5	9.63	3.44E-01	187.44	158.9375	13.24479	10.69106	0.93	714.8	27.6	17.9
88.5	9.63	3.45E-01	187.55	159.3248	13.27707	10.71711	0.93	714.8	27.6	17.9
88.5	9.63	3.44E-01	187.33	158.5227	13.21023	10.66316	0.93	714.8	27.6	17.9
88.5	9.63	3.42E-01	187.31	157.8675	13.15562	10.61908	0.93	714.8	27.6	17.9
88.5	9.63	3.42E-01	187.31	157.8675	13.15562	10.61908	0.93	714.8	27.6	17.9
88.5	9.63	3.42E-01	187.31	157.8675	13.15562	10.61908	0.93	714.8	27.6	17.9
88.5	9.63	3.49E-01	187.72	161.2017	13.43347	10.84336	0.93	714.8	27.6	17.9
88.5	9.63	3.49E-01	187.71	161.199	13.43325	10.84318	0.93	714.8	27.6	17.9
88.5	9.63	3.48E-01	187.79	160.9714	13.41429	10.82787	0.93	714.8	27.6	17.7
88.5	9.63	3.49E-01	188.02	161.7476	13.47897	10.88009	0.93	714.8	27.6	17.7
88.5	9.63	3.48E-01	187.86	160.7408	13.39506	10.81236	0.93	714.8	27.6	17.7
88.5	9.63	3.48E-01	187.86	160.7408	13.39506	10.81236	0.93	714.8	27.6	17.7
88.5	9.63	3.48E-01	187.86	160.7408	13.39506	10.81236	0.93	714.8	27.6	17.7
88.5	9.63	3.48E-01	187.86	160.7408	13.39506	10.81236	0.93	714.8	27.6	17.8
88.5	9.63	3.48E-01	187.86	160.7408	13.39506	10.81236	0.93	714.8	27.6	17.8
88.5	9.63	3.45E-01	187.59	159.3474	13.27895	10.71863	0.93	714.8	27.6	17.8
88.5	9.63	3.46E-01	187.48	159.6904	13.30754	10.74171	0.93	714.8	27.6	17.8
88.5	9.63	3.43E-01	187.42	158.4667	13.20556	10.65939	0.93	714.8	27.6	17.8
88.5	9.63	3.46E-01	187.57	159.6075	13.30063	10.73613	0.93	714.8	27.6	17.9
88.5	9.63	3.52E-01	188.28	163.281	13.60675	10.98323	0.93	714.8	27.6	17.9
88.5	9.63	3.52E-01	188.28	163.281	13.60675	10.98323	0.93	714.8	27.6	17.9
88.5	9.63	3.52E-01	188.28	163.281	13.60675	10.98323	0.93	714.8	27.6	17.9
88.5	9.63	3.52E-01	188.09	163.1256	13.5938	10.97278	0.93	714.8	27.6	17.9
84	9.14	2.96E-01	183.18	120.1461	10.01218	8.08173	0.93	714.8	27.6	17.7
84	9.14	2.94E-01	183.34	119.5969	9.96641	8.04478	0.93	714.8	27.6	17.7
84	9.14	2.94E-01	183.34	119.6012	9.96676	8.04507	0.93	714.8	27.6	17.7
84	9.14	2.95E-01	183.37	119.8772	9.98976	8.06363	0.93	714.8	27.6	17.7
84	9.14	2.98E-01	183.37	121.3198	10.10998	8.16067	0.93	714.8	27.6	17.7
79.5	8.65	2.43E-01	179.65	86.7796	7.23163	5.8373	0.93	714.8	27.6	17.7
79.5	8.65	2.45E-01	179.97	87.7515	7.31262	5.90267	0.93	714.8	27.6	17.7
79.5	8.65	2.44E-01	179.68	87.0722	7.25602	5.85698	0.93	714.8	27.6	17.7
79.5	8.65	2.45E-01	179.96	87.4297	7.28581	5.88103	0.93	714.8	27.6	17.7
79.5	8.65	2.46E-01	179.98	88.116	7.343	5.92719	0.93	714.8	27.6	17.7
75.5	8.22	1.90E-01	177.09	60.2695	5.02246	4.05408	0.93	714.8	27.7	17.7
75.5	8.22	1.86E-01	190.28	63.578	5.29816	4.27662	0.93	714.8	27.7	17.7
75.5	8.22	1.86E-01	190.28	63.578	5.29816	4.27662	0.93	714.8	27.7	17.7
75.5	8.22	1.90E-01	177.11	60.1767	5.01473	4.04783	0.93	714.8	27.7	17.7
75.5	8.22	1.90E-01	177.11	60.1767	5.01473	4.04783	0.93	714.8	27.7	17.7
71	7.73	1.36E-01	174.95	37.7587	3.14656	2.53987	0.93	714.7	27.6	17.7
71	7.73	1.36E-01	174.95	37.7587	3.14656	2.53987	0.93	714.7	27.6	17.7
71	7.73	1.39E-01	175.12	38.4876	3.2073	2.5889	0.93	714.7	27.6	17.7
71	7.73	1.36E-01	174.95	37.7484	3.1457	2.53918	0.93	714.7	27.6	17.7
71	7.73	1.37E-01	175.23	37.9816	3.16513	2.55486	0.93	714.7	27.6	17.7
66.5	7.24	1.01E-01	174.06	24.354	2.0295	1.63819	0.93	714.7	27.4	17.8
66.5	7.24	1.01E-01	174.03	24.3499	2.02916	1.63792	0.93	714.7	27.4	17.8
66.5	7.24	1.01E-01	174.03	24.3499	2.02916	1.63792	0.93	714.7	27.4	17.8
66.5	7.24	9.84E-02	173.84	23.7905	1.98254	1.60029	0.93	714.7	27.4	17.8
66.5	7.24	9.66E-02	173.91	23.3434	1.94528	1.57021	0.93	714.7	27.4	17.8

TABLA N° ANEXO C.93: Conductor 8, AAAC 4.6 cm.

Muestra 3. Configuración simple. Conductor limpio

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
26.8	27.2	712.7	0.93	186.2	20.26	4.6	0.8203

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
124	13.49	5.00E-05	167.37	0.0404	0.00337	0.00272	0.93	711.8	27.1	25.5
124	13.49	5.00E-05	167.37	0.0404	0.00337	0.00272	0.93	711.8	27.1	25.5
124	13.49	5.00E-05	167.37	0.0404	0.00337	0.00272	0.93	711.8	27.1	25.5
124	13.49	5.00E-05	167.37	0.0404	0.00337	0.00272	0.93	711.8	27.1	25.5
124	13.49	5.00E-05	167.37	0.0404	0.00337	0.00272	0.93	711.8	27.1	25.5
119.5	13	5.00E-05	167.37	0.0375	0.00313	0.00252	0.93	711.8	27.1	25.5
119.5	13	5.97E-05	167.37	0.0448	0.00374	0.00302	0.93	711.8	27.1	25.5
119.5	13	5.97E-05	167.37	0.0448	0.00374	0.00302	0.93	711.8	27.1	25.5
119.5	13	5.97E-05	167.37	0.0448	0.00374	0.00302	0.93	711.8	27.1	25.5
119.5	13	5.37E-05	167.37	0.0404	0.00336	0.00272	0.93	711.8	27.1	25.5
115	12.51	5.37E-05	167.37	0.0374	0.00312	0.00251	0.93	711.8	27.1	26.1
115	12.51	6.09E-05	167.37	0.0424	0.00353	0.00285	0.93	711.8	27.1	26.1
115	12.51	6.09E-05	167.37	0.0424	0.00353	0.00285	0.93	711.8	27.1	26.1
115	12.51	4.74E-05	167.37	0.033	0.00275	0.00222	0.93	711.8	27.1	26.1
115	12.51	5.50E-05	167.37	0.0383	0.00319	0.00257	0.93	711.8	27.1	26.1
110.5	12.02	5.50E-05	167.37	0.0353	0.00294	0.00238	0.93	711.8	27.4	26.1
110.5	12.02	5.50E-05	167.37	0.0353	0.00294	0.00238	0.93	711.8	27.4	26.1
110.5	12.02	5.50E-05	167.37	0.0353	0.00294	0.00238	0.93	711.8	27.4	26.1
110.5	12.02	5.50E-05	167.37	0.0353	0.00294	0.00238	0.93	711.8	27.4	26.1
110.5	12.02	5.34E-05	167.37	0.0343	0.00286	0.00231	0.93	711.8	27.4	26.1
106.5	11.59	5.53E-05	167.37	0.033	0.00275	0.00222	0.93	711.8	27.4	26.1
106.5	11.59	5.53E-05	167.37	0.033	0.00275	0.00222	0.93	711.8	27.3	26.1
106.5	11.59	5.47E-05	167.37	0.0326	0.00272	0.00219	0.93	711.8	27.3	26.1
106.5	11.59	5.78E-05	167.37	0.0345	0.00287	0.00232	0.93	711.8	27.3	26.1
106.5	11.59	5.78E-05	167.37	0.0345	0.00287	0.00232	0.93	711.8	27.3	26.1
102	11.1	4.90E-05	167.37	0.0268	0.00224	0.0018	0.93	711.8	27.3	26
102	11.1	5.12E-05	167.37	0.028	0.00234	0.00189	0.93	711.8	27.3	26
102	11.1	5.12E-05	167.37	0.028	0.00234	0.00189	0.93	711.8	27.3	26
102	11.1	5.12E-05	167.37	0.028	0.00234	0.00189	0.93	711.8	27.3	26
102	11.1	5.12E-05	167.37	0.028	0.00234	0.00189	0.93	711.8	27.3	26
97.5	10.61	4.68E-05	167.37	0.0234	0.00195	0.00157	0.93	711.8	27.3	26
97.5	10.61	5.75E-05	167.37	0.0288	0.0024	0.00193	0.93	711.8	27.3	26
97.5	10.61	5.75E-05	167.37	0.0288	0.0024	0.00193	0.93	711.8	27.3	26
97.5	10.61	5.75E-05	167.37	0.0288	0.0024	0.00193	0.93	711.8	27.3	26
97.5	10.61	5.75E-05	167.37	0.0288	0.0024	0.00193	0.93	711.8	27.3	26
93	10.12	5.62E-05	167.37	0.0256	0.00213	0.00172	0.93	711.8	27.4	26
93	10.12	5.62E-05	167.37	0.0256	0.00213	0.00172	0.93	711.8	27.4	26
93	10.12	5.62E-05	167.37	0.0256	0.00213	0.00172	0.93	711.8	27.4	26
93	10.12	5.62E-05	167.37	0.0256	0.00213	0.00172	0.93	711.8	27.4	26
93	10.12	5.62E-05	167.37	0.0256	0.00213	0.00172	0.93	711.8	27.4	26
88.5	9.63	5.62E-05	167.37	0.0232	0.00193	0.00156	0.93	711.8	27.4	25.8
88.5	9.63	5.62E-05	167.37	0.0232	0.00193	0.00156	0.93	711.8	27.4	25.8
88.5	9.63	5.78E-05	167.37	0.0238	0.00199	0.0016	0.93	711.8	27.4	25.8
88.5	9.63	5.78E-05	167.37	0.0238	0.00199	0.0016	0.93	711.8	27.4	25.8
88.5	9.63	5.40E-05	167.37	0.0223	0.00186	0.0015	0.93	711.8	27.4	25.8
88.5	9.63	4.65E-05	167.37	0.0192	0.0016	0.00129	0.93	711.8	27.4	25.8
88.5	9.63	4.93E-05	167.37	0.0203	0.00169	0.00137	0.93	711.8	27.4	25.8
88.5	9.63	5.94E-05	167.37	0.0245	0.00204	0.00165	0.93	711.8	27.4	25.8
88.5	9.63	5.94E-05	167.37	0.0245	0.00204	0.00165	0.93	711.8	27.4	25.8
88.5	9.63	4.46E-05	167.37	0.0184	0.00153	0.00124	0.93	711.8	27.4	25.8
88.5	9.63	4.46E-05	167.37	0.0184	0.00153	0.00124	0.93	711.8	27.4	25.8
88.5	9.63	4.46E-05	167.37	0.0184	0.00153	0.00124	0.93	711.8	27.4	25.8
88.5	9.63	4.46E-05	167.37	0.0184	0.00153	0.00124	0.93	711.8	27.4	25.8
88.5	9.63	4.46E-05	167.37	0.0184	0.00153	0.00124	0.93	711.8	27.4	25.8
88.5	9.63	4.62E-05	167.37	0.019	0.00159	0.00128	0.93	711.8	27.4	25.8
88.5	9.63	5.25E-05	167.37	0.0216	0.0018	0.00145	0.93	711.8	27.4	25.8
88.5	9.63	5.25E-05	167.37	0.0216	0.0018	0.00145	0.93	711.8	27.4	25.8
88.5	9.63	5.25E-05	167.37	0.0216	0.0018	0.00145	0.93	711.8	27.4	25.8
88.5	9.63	5.78E-05	167.37	0.0238	0.00199	0.0016	0.93	711.8	27.4	25.8
88.5	9.63	5.78E-05	167.37	0.0238	0.00199	0.0016	0.93	711.8	27.4	25.3
88.5	9.63	4.46E-05	167.37	0.0184	0.00153	0.00124	0.93	711.8	27.3	25.3
88.5	9.63	5.65E-05	167.37	0.0233	0.00194	0.00157	0.93	711.8	27.3	25.3
88.5	9.63	4.87E-05	167.37	0.0201	0.00167	0.00135	0.93	711.8	27.3	25.3
88.5	9.63	4.87E-05	167.37	0.0201	0.00167	0.00135	0.93	711.8	27.3	25.3
88.5	9.63	4.87E-05	167.37	0.0201	0.00167	0.00135	0.93	711.8	27.3	25.7
88.5	9.63	4.87E-05	167.37	0.0201	0.00167	0.00135	0.93	711.8	27.3	25.7
88.5	9.63	4.87E-05	167.37	0.0201	0.00167	0.00135	0.93	711.8	27.3	25.7
88.5	9.63	4.87E-05	167.37	0.0201	0.00167	0.00135	0.93	711.8	27.3	25.7
88.5	9.63	5.06E-05	167.37	0.0208	0.00174	0.0014	0.93	711.8	27.3	25.7
88.5	9.63	5.06E-05	167.37	0.0208	0.00174	0.0014	0.93	711.8	27.3	25.7
84	9.14	5.34E-05	167.37	0.0198	0.00165	0.00133	0.93	711.8	27.3	26
84	9.14	5.34E-05	167.37	0.0198	0.00165	0.00133	0.93	711.8	27.3	26
84	9.14	5.34E-05	167.37	0.0198	0.00165	0.00133	0.93	711.8	27.3	26
84	9.14	5.22E-05	167.37	0.0194	0.00161	0.0013	0.93	711.8	27.3	26
84	9.14	5.22E-05	167.37	0.0194	0.00161	0.0013	0.93	711.8	27.3	26
79.5	8.65	4.90E-05	167.37	0.0163	0.00136	0.0011	0.93	711.8	27.3	26
79.5	8.65	4.90E-05	167.37	0.0163	0.00136	0.0011	0.93	711.8	27.3	26
79.5	8.65	4.90E-05	167.37	0.0163	0.00136	0.0011	0.93	711.8	27.3	26
79.5	8.65	5.12E-05	167.37	0.017	0.00142	0.00115	0.93	711.8	27.3	26
79.5	8.65	5.12E-05	167.37	0.017	0.00142	0.00115	0.93	711.8	27.3	26

TABLA N° ANEXO C.94: Conductor 8, AAAC 4.6 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,6

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
20.5	24.3	709.7	0.94	139.3	15.16	4.6	0.6106

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	3.88E-04	168.51	0.2508	0.0209	0.01687	0.96	713	18.5	22.1
110.5	12.02	3.73E-04	168.51	0.241	0.02008	0.01621	0.96	713	18.5	22.1
110.5	12.02	3.73E-04	168.51	0.241	0.02008	0.01621	0.96	713	18.5	22.1
110.5	12.02	3.73E-04	168.51	0.241	0.02008	0.01621	0.96	713	18.5	22.1
110.5	12.02	3.73E-04	168.52	0.241	0.02008	0.01621	0.96	713	18.5	22.1
106.5	11.59	3.90E-04	168.51	0.2343	0.01952	0.01576	0.96	713	18.8	22.1
106.5	11.59	3.96E-04	168.51	0.2382	0.01985	0.01602	0.96	713	18.8	22.1
106.5	11.59	3.95E-04	168.51	0.2373	0.01977	0.01596	0.96	713	18.8	22.1
106.5	11.59	3.95E-04	168.51	0.2373	0.01977	0.01596	0.96	713	18.8	22.1
106.5	11.59	3.65E-04	168.51	0.2195	0.01829	0.01477	0.96	713	18.8	22.1
102	11.1	3.85E-04	168.51	0.2121	0.01768	0.01427	0.96	713	18.8	22.1
102	11.1	3.85E-04	168.51	0.2121	0.01768	0.01427	0.96	713	18.8	22.1
102	11.1	3.85E-04	168.51	0.2125	0.0177	0.01429	0.96	713	18.8	22.1
102	11.1	3.76E-04	168.51	0.2073	0.01727	0.01394	0.96	713	18.8	22.1
102	11.1	3.76E-04	168.51	0.2073	0.01727	0.01394	0.96	713	18.8	22.1
97.5	10.61	3.83E-04	168.51	0.1927	0.01606	0.01296	0.96	713	18.8	22.1
97.5	10.61	3.83E-04	168.51	0.1927	0.01606	0.01296	0.96	713	18.8	22.1
97.5	10.61	3.83E-04	168.51	0.1927	0.01606	0.01296	0.96	713	18.8	22.1
97.5	10.61	3.78E-04	168.51	0.1903	0.01586	0.0128	0.96	713	18.8	22.1
97.5	10.61	3.78E-04	168.51	0.1903	0.01586	0.0128	0.96	713	18.8	22.1
93	10.12	3.88E-04	168.51	0.1779	0.01483	0.01197	0.96	713	18.7	22.1
93	10.12	3.88E-04	168.51	0.1779	0.01483	0.01197	0.96	713	18.7	22.1
93	10.12	3.88E-04	168.51	0.1779	0.01483	0.01197	0.96	713	18.7	22.1
93	10.12	3.88E-04	168.51	0.1779	0.01483	0.01197	0.96	713	18.7	22.1
93	10.12	3.88E-04	168.51	0.1779	0.01483	0.01197	0.96	713	18.7	22.1
88.5	9.63	3.87E-04	168.51	0.1607	0.01339	0.01081	0.96	713	18.8	22.2
88.5	9.63	3.87E-04	168.51	0.1607	0.01339	0.01081	0.96	713	18.8	22.2
88.5	9.63	3.56E-04	168.51	0.1477	0.01231	0.00993	0.96	713	18.8	22.2
88.5	9.63	3.56E-04	168.51	0.1477	0.01231	0.00993	0.96	713	18.8	22.2
88.5	9.63	3.87E-04	168.51	0.1607	0.01339	0.01081	0.96	713	18.8	22.2
88.5	9.63	3.87E-04	168.51	0.1607	0.01339	0.01081	0.96	713	18.8	22.2
88.5	9.63	4.11E-04	168.51	0.1705	0.01421	0.01147	0.96	713	18.8	22.2
88.5	9.63	4.11E-04	168.51	0.1705	0.01421	0.01147	0.96	713	18.8	22.2
88.5	9.63	3.74E-04	168.51	0.1552	0.01294	0.01044	0.96	713	18.8	22.4
88.5	9.63	3.74E-04	168.51	0.1552	0.01294	0.01044	0.96	713	18.9	22.4
88.5	9.63	3.74E-04	168.51	0.1552	0.01294	0.01044	0.96	713	18.9	22.4
88.5	9.63	3.74E-04	168.51	0.1552	0.01294	0.01044	0.96	713	18.9	22.4
88.5	9.63	3.74E-04	168.51	0.1552	0.01294	0.01044	0.96	713	18.9	22.4
88.5	9.63	3.65E-04	168.51	0.1513	0.01261	0.01018	0.96	713	18.9	22.4
88.5	9.63	4.08E-04	168.51	0.1693	0.01411	0.01139	0.96	713	18.9	22.4
88.5	9.63	4.08E-04	168.51	0.1693	0.01411	0.01139	0.96	713	18.9	22.4
88.5	9.63	4.12E-04	168.51	0.1709	0.01424	0.01149	0.96	713	18.9	22
88.5	9.63	3.62E-04	168.51	0.15	0.0125	0.01009	0.96	713	18.8	22
88.5	9.63	3.62E-04	168.51	0.15	0.0125	0.01009	0.96	713	18.8	22
88.5	9.63	4.10E-04	168.51	0.1701	0.01418	0.01144	0.96	713	18.8	22
88.5	9.63	4.05E-04	168.51	0.168	0.014	0.0113	0.96	713	18.8	22
88.5	9.63	3.74E-04	168.51	0.155	0.01292	0.01043	0.96	713	18.8	22
88.5	9.63	3.74E-04	168.51	0.155	0.01292	0.01043	0.96	713	18.8	22
88.5	9.63	4.05E-04	168.51	0.168	0.014	0.0113	0.96	713	19	22
88.5	9.63	4.05E-04	168.51	0.168	0.014	0.0113	0.96	713	19	22
88.5	9.63	3.74E-04	168.51	0.155	0.01292	0.01043	0.96	713	19	22
88.5	9.63	3.74E-04	168.51	0.155	0.01292	0.01043	0.96	713	19	22
88.5	9.63	3.74E-04	168.51	0.155	0.01292	0.01043	0.96	713	19	22
88.5	9.63	3.74E-04	168.51	0.155	0.01292	0.01043	0.96	713	19	22
88.5	9.63	4.05E-04	168.51	0.168	0.014	0.0113	0.96	713	19.1	22
84	9.14	4.01E-04	168.51	0.1497	0.01248	0.01007	0.96	713	19.1	22.5
84	9.14	4.03E-04	168.51	0.1505	0.01255	0.01013	0.96	713	19.1	22.5
84	9.14	3.71E-04	168.51	0.1388	0.01157	0.00934	0.96	713	19.1	22.5
84	9.14	3.82E-04	168.51	0.1429	0.01191	0.00961	0.96	713	19.1	22.5
84	9.14	4.14E-04	168.51	0.1547	0.01289	0.0104	0.96	713	19	22.5
79.5	8.65	3.90E-04	168.51	0.1306	0.01089	0.00879	0.96	713	19	22.2
79.5	8.65	3.90E-04	168.51	0.1306	0.01089	0.00879	0.96	713	19	22.2
79.5	8.65	3.78E-04	168.51	0.1265	0.01054	0.00851	0.96	713	19	22.2
79.5	8.65	4.09E-04	168.51	0.1371	0.01142	0.00922	0.96	713	19	22.2
79.5	8.65	4.09E-04	168.51	0.1371	0.01142	0.00922	0.96	713	19.1	22.2
75.5	8.22	3.86E-04	168.51	0.1165	0.00971	0.00784	0.96	713	19.1	21.7
75.5	8.22	3.86E-04	168.51	0.1165	0.00971	0.00784	0.96	713	19.1	21.7
75.5	8.22	3.86E-04	168.51	0.1165	0.00971	0.00784	0.96	713	19.1	21.7
75.5	8.22	3.86E-04	168.51	0.1165	0.00971	0.00784	0.96	713	19.1	21.7
75.5	8.22	3.92E-04	168.51	0.1185	0.00987	0.00797	0.96	713	19.2	21.7
71	7.73	3.74E-04	168.51	0.0997	0.00831	0.00671	0.96	713	19.2	22.6
71	7.73	3.74E-04	168.51	0.0997	0.00831	0.00671	0.96	713	19.2	22.6
71	7.73	3.74E-04	168.51	0.0997	0.00831	0.00671	0.96	713	19.2	22.6
71	7.73	3.74E-04	168.51	0.0997	0.00831	0.00671	0.96	713	19.2	22.6
71	7.73	3.74E-04	168.51	0.0997	0.00831	0.00671	0.96	713	19.2	22.6
66.5	7.24	3.81E-04	168.51	0.0893	0.00745	0.00601	0.96	713	19.2	22.7
66.5	7.24	3.81E-04	168.51	0.0893	0.00745	0.00601	0.96	713	19.2	22.7
66.5	7.24	3.51E-04	168.51	0.0822	0.00685	0.00553	0.96	713	19.2	22.7
66.5	7.24	3.51E-04	168.51	0.0822	0.00685	0.00553	0.96	713	19.2	22.7
66.5	7.24	3.63E-04	168.51	0.085	0.00708	0.00572	0.96	713	19.2	22.7

TABLA N° ANEXO C.95: Conductor 8, AAAC 4.6 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,4

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
23	25.8	714.6	0.94	94.6	10.29	4.6	0.414

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	3.38E-02	172.62	22.3648	1.86373	1.50439	0.94	714	25.7	22.6
110.5	12.02	3.53E-02	172.6	23.3616	1.9468	1.57143	0.94	714	25.7	22.6
110.5	12.02	3.48E-02	172.61	23.0451	1.92043	1.55015	0.94	714	25.7	22.6
110.5	12.02	3.39E-02	172.62	22.466	1.87216	1.51119	0.94	714	25.7	22.6
110.5	12.02	3.38E-02	172.62	22.4037	1.86697	1.507	0.94	714	25.7	22.6
106.5	11.59	1.37E-02	172.78	8.4157	0.70131	0.56609	0.94	714	25.7	22.5
106.5	11.59	1.37E-02	172.78	8.4155	0.70129	0.56607	0.94	714	25.7	22.5
106.5	11.59	1.37E-02	172.78	8.4244	0.70203	0.56667	0.94	714	25.7	22.5
106.5	11.59	1.40E-02	172.78	8.5985	0.71654	0.57838	0.94	714	25.7	22.5
106.5	11.59	1.39E-02	172.77	8.5391	0.71159	0.57439	0.94	714	25.7	22.5
102	11.1	5.57E-03	172.8	3.1465	0.26221	0.21165	0.94	714	26	22.9
102	11.1	5.57E-03	172.8	3.1465	0.26221	0.21165	0.94	714	26	22.9
102	11.1	5.98E-03	172.8	3.3773	0.28144	0.22718	0.94	714	26	22.9
102	11.1	5.69E-03	172.8	3.2175	0.26812	0.21643	0.94	714	26	22.9
102	11.1	5.63E-03	172.8	3.182	0.26517	0.21404	0.94	714	26	22.9
97.5	10.61	2.83E-03	172.77	1.4633	0.12194	0.09843	0.94	714	26	22.9
97.5	10.61	2.83E-03	172.86	1.464	0.122	0.09848	0.94	714	26	22.9
97.5	10.61	2.88E-03	172.86	1.4864	0.12387	0.09999	0.94	714	26	22.9
97.5	10.61	2.83E-03	172.86	1.4606	0.12172	0.09825	0.94	714	26	22.9
97.5	10.61	2.86E-03	172.86	1.4798	0.12332	0.09954	0.94	714	26	22.9
93	10.12	2.02E-03	172.86	0.9487	0.07906	0.06381	0.94	714	25.9	23.2
93	10.12	1.96E-03	172.86	0.9228	0.0769	0.06208	0.94	714	25.9	23.2
93	10.12	1.99E-03	172.86	0.9348	0.0779	0.06288	0.94	714	25.9	23.2
93	10.12	1.99E-03	172.86	0.9348	0.0779	0.06288	0.94	714	25.9	23.2
93	10.12	2.02E-03	172.87	0.9496	0.07913	0.06388	0.94	714	25.9	23.2
88.5	9.63	1.50E-03	172.87	0.638	0.05316	0.04291	0.94	714	25.9	23.5
88.5	9.63	1.50E-03	172.87	0.638	0.05317	0.04291	0.94	714	25.9	23.5
88.5	9.63	1.50E-03	172.86	0.6379	0.05316	0.04291	0.94	714	25.9	23.5
88.5	9.63	1.50E-03	172.86	0.6379	0.05316	0.04291	0.94	714	25.9	23.5
88.5	9.63	1.49E-03	172.86	0.6323	0.05269	0.04253	0.94	714	25.9	23.5
88.5	9.63	1.42E-03	172.86	0.6056	0.05046	0.04073	0.94	714	25.9	23.5
88.5	9.63	1.52E-03	172.86	0.6457	0.05381	0.04343	0.94	714	25.9	23.5
88.5	9.63	1.51E-03	172.86	0.6417	0.05347	0.04316	0.94	714	25.9	23.5
88.5	9.63	1.51E-03	172.87	0.6417	0.05348	0.04316	0.94	714	25.9	23.5
88.5	9.63	1.51E-03	172.87	0.6417	0.05348	0.04316	0.94	714	25.9	24
88.5	9.63	1.52E-03	172.87	0.6457	0.05381	0.04343	0.94	714	25.9	24
88.5	9.63	1.44E-03	172.86	0.6125	0.05104	0.0412	0.94	714	25.9	24
88.5	9.63	1.52E-03	172.86	0.6476	0.05396	0.04356	0.94	714	25.9	24
88.5	9.63	1.55E-03	172.86	0.6609	0.05508	0.04446	0.94	714	25.9	24
88.5	9.63	1.55E-03	172.86	0.6609	0.05508	0.04446	0.94	714	25.9	24
88.5	9.63	1.40E-03	172.86	0.5978	0.04982	0.04021	0.94	714	25.9	24.3
88.5	9.63	1.42E-03	172.86	0.6032	0.05026	0.04057	0.94	714	25.9	24.3
88.5	9.63	1.54E-03	172.87	0.6567	0.05473	0.04417	0.94	714	25.9	24.3
88.5	9.63	1.48E-03	172.87	0.63	0.0525	0.04238	0.94	714	25.9	24.3
88.5	9.63	1.54E-03	172.87	0.655	0.05458	0.04406	0.94	714	25.9	24.3
88.5	9.63	1.54E-03	172.87	0.655	0.05458	0.04406	0.94	714	25.6	24.3
88.5	9.63	1.54E-03	172.87	0.655	0.05458	0.04406	0.94	714	25.6	24.3
88.5	9.63	1.44E-03	172.87	0.6132	0.0511	0.04125	0.94	714	25.6	24.3
88.5	9.63	1.41E-03	172.87	0.5999	0.04999	0.04035	0.94	714	25.6	24.3
88.5	9.63	1.41E-03	172.87	0.5999	0.04999	0.04035	0.94	714	25.6	24.3
88.5	9.63	1.47E-03	172.87	0.6267	0.05223	0.04216	0.94	714	25.6	24.3
88.5	9.63	1.44E-03	172.87	0.6134	0.05111	0.04126	0.94	714	25.6	24.3
88.5	9.63	1.44E-03	172.85	0.6133	0.05111	0.04125	0.94	714	25.6	24.3
88.5	9.63	1.44E-03	172.85	0.6133	0.05111	0.04125	0.94	714	25.6	24.3
88.5	9.63	1.44E-03	172.85	0.6133	0.05111	0.04125	0.94	714	25.6	24.3
84	9.14	1.16E-03	172.86	0.4441	0.03701	0.02987	0.94	714	25.5	24.4
84	9.14	1.18E-03	172.86	0.451	0.03758	0.03034	0.94	714	25.5	24.4
84	9.14	1.18E-03	172.86	0.451	0.03758	0.03034	0.94	714	25.5	24.4
84	9.14	1.18E-03	172.86	0.451	0.03758	0.03034	0.94	714	25.5	24.4
84	9.14	1.16E-03	172.86	0.4447	0.03706	0.02992	0.94	714	25.5	24.4
79.5	8.65	1.07E-03	172.88	0.366	0.0305	0.02462	0.94	714	25.5	24.4
79.5	8.65	1.03E-03	172.88	0.3552	0.0296	0.0239	0.94	714	25.5	24.4
79.5	8.65	1.03E-03	172.88	0.3552	0.0296	0.0239	0.94	714	25.5	24.4
79.5	8.65	1.06E-03	172.88	0.3631	0.03026	0.02443	0.94	714	25.5	24.4
79.5	8.65	1.03E-03	172.88	0.3523	0.02936	0.0237	0.94	714	25.5	24.4
75.5	8.22	1.00E-03	172.87	0.3105	0.02587	0.02088	0.94	714	25.5	24.5
75.5	8.22	1.00E-03	172.87	0.3105	0.02587	0.02088	0.94	714	25.5	24.5
75.5	8.22	1.02E-03	172.87	0.3154	0.02628	0.02122	0.94	714	25.5	24.5
75.5	8.22	1.02E-03	172.87	0.3154	0.02629	0.02122	0.94	714	25.5	24.5
75.5	8.22	1.02E-03	172.87	0.3154	0.02629	0.02122	0.94	714	25.5	24.5
71	7.73	9.35E-04	172.87	0.2562	0.02135	0.01723	0.94	714	25.4	24.5
71	7.73	9.40E-04	172.88	0.2575	0.02146	0.01732	0.94	714	25.4	24.5
71	7.73	9.40E-04	172.88	0.2575	0.02146	0.01732	0.94	714	25.4	24.5
71	7.73	9.40E-04	172.85	0.2575	0.02146	0.01732	0.94	714	25.4	24.5
71	7.73	9.42E-04	172.85	0.2581	0.02151	0.01736	0.94	714	25.4	24.5
66.5	7.24	9.42E-04	172.85	0.2263	0.01885	0.01522	0.94	714	25.4	24.7
66.5	7.24	9.33E-04	172.87	0.2243	0.01869	0.01509	0.94	714	25.4	24.7
66.5	7.24	9.47E-04	172.87	0.2275	0.01896	0.0153	0.94	714	25.4	24.7
66.5	7.24	9.45E-04	172.87	0.2271	0.01893	0.01528	0.94	714	25.4	24.7
66.5	7.24	9.45E-04	172.87	0.2271	0.01893	0.01528	0.94	714	25.4	24.7

TABLA N° ANEXO C.96: Conductor 8, AAAC 4.6 cm.

Muestra 3. Configuración simple. Conductor contaminado m = 0,2

Medición de la tensión de Inicio Corona - Determinación de m

Humedad	Temp.	Presión	RAD	Uo_{med}	Eo_{med}	d	m
18.5	25.9	716.5	0.94	45.55	4.96	4.6	0.1989

Pérdidas por efecto Corona en la Muestra 3

U	E	tg δ	Cx_p	Pe	Per	Pe_{60}	RAD	p	t	H
[kV]	[kV/cm]		[pF]	[W]	[W/m]	[W/m]		[mmHg]	[°C]	%
110.5	12.02	5.43E-01	203.09	423.5073	35.29227	28.48756	0.94	716.3	26.6	20.2
110.5	12.02	5.43E-01	203.07	423.5499	35.29583	28.49043	0.94	716.3	26.6	20.2
110.5	12.02	5.42E-01	203.17	422.8128	35.2344	28.44084	0.94	716.3	26.6	20.2
110.5	12.02	5.42E-01	203.24	422.6442	35.22035	28.4295	0.94	716.3	26.6	20.2
110.5	12.02	5.42E-01	203.26	422.5907	35.21589	28.4259	0.93	716.3	27.5	20.2
106.5	11.59	5.15E-01	198.56	364.7405	30.39504	24.53456	0.93	716.3	27.5	18.5
106.5	11.59	5.14E-01	198.76	364.2334	30.35278	24.50045	0.93	716.3	27.5	18.5
106.5	11.59	5.14E-01	198.54	363.8348	30.31957	24.47364	0.93	716.3	27.5	18.5
106.5	11.59	5.17E-01	198.1	365.4297	30.45247	24.58092	0.93	716.3	27.5	18.5
106.5	11.59	5.15E-01	198.43	364.518	30.3765	24.5196	0.93	716.3	27.5	18.5
102	11.1	4.90E-01	194.91	312.4119	26.03432	21.01464	0.93	716.3	27.9	19.1
102	11.1	4.92E-01	194.75	313.4167	26.11806	21.08223	0.93	716.3	27.9	19.1
102	11.1	4.92E-01	194.65	313.0088	26.08407	21.05479	0.93	716.3	27.9	19.1
102	11.1	4.90E-01	194.62	312.1993	26.01661	21.00034	0.93	716.3	27.9	19.1
102	11.1	4.92E-01	194.4	312.5522	26.04602	21.02407	0.93	716.3	27.9	19.1
97.5	10.61	4.60E-01	190.27	261.3288	21.7774	17.57849	0.93	716.3	27.9	19.1
97.5	10.61	4.60E-01	190.27	261.3288	21.7774	17.57849	0.93	716.3	27.9	19.1
97.5	10.61	4.62E-01	189.37	261.643	21.80358	17.59962	0.93	716.3	27.9	19.1
97.5	10.61	4.61E-01	190.12	262.1554	21.84628	17.6341	0.93	716.3	27.9	19.1
97.5	10.61	4.60E-01	190.37	261.5215	21.79346	17.59145	0.93	716.3	27.9	19.1
93	10.12	4.22E-01	186.13	213.3224	17.77687	14.3493	0.93	716.3	27.9	18.7
93	10.12	4.26E-01	185.58	214.776	17.898	14.44708	0.93	716.3	27.9	18.7
93	10.12	4.26E-01	185.97	215.2251	17.93542	14.47729	0.93	716.3	27.9	18.7
93	10.12	4.26E-01	185.97	215.2251	17.93542	14.47729	0.93	716.3	27.9	18.7
93	10.12	4.26E-01	185.97	215.2251	17.93542	14.47729	0.93	716.3	27.9	18.7
88.5	9.63	3.82E-01	181.4	170.5298	14.21081	11.47082	0.93	716.3	27.9	18.8
88.5	9.63	3.82E-01	181.64	170.6624	14.22187	11.47975	0.93	716.3	27.9	18.8
88.5	9.63	3.82E-01	181.64	170.6624	14.22187	11.47975	0.93	716.3	27.9	18.8
88.5	9.63	3.82E-01	181.64	170.6688	14.2224	11.48018	0.93	716.3	27.9	18.8
88.5	9.63	3.83E-01	181.58	171.2563	14.27136	11.51969	0.93	716.3	27.9	18.8
88.5	9.63	3.78E-01	181.68	169.0523	14.08769	11.37144	0.93	716.3	27.9	18.8
88.5	9.63	3.80E-01	181.41	169.8094	14.15078	11.42237	0.93	716.3	27.9	18.8
88.5	9.63	3.82E-01	181.15	170.5209	14.21008	11.47023	0.93	716.3	27.6	18.8
88.5	9.63	3.82E-01	181.55	170.8921	14.24101	11.4952	0.93	716.3	27.6	18.8
88.5	9.63	3.80E-01	181.52	169.6537	14.13781	11.41189	0.93	716.3	27.6	18.8
88.5	9.63	3.80E-01	181.52	169.6537	14.13781	11.41189	0.93	716.3	27.6	18.8
88.5	9.63	3.78E-01	181.76	168.9538	14.07948	11.36481	0.93	716.3	27.6	18.8
88.5	9.63	3.78E-01	182.18	169.3501	14.11251	11.39147	0.93	716.3	27.6	18.8
88.5	9.63	3.78E-01	181.94	169.1281	14.09401	11.37654	0.93	716.3	27.6	18.8
88.5	9.63	3.77E-01	182.31	169.0158	14.08465	11.36899	0.93	716.3	27.6	18.8
88.5	9.63	3.79E-01	181.84	169.6512	14.1376	11.41173	0.93	716.3	27.6	19
88.5	9.63	3.76E-01	182.27	168.7804	14.06503	11.35315	0.93	716.3	27.6	19
88.5	9.63	3.79E-01	182	169.7223	14.14353	11.41651	0.93	716.3	27.6	19
88.5	9.63	3.83E-01	181.54	170.9826	14.24855	11.50128	0.93	716.3	27.6	19
88.5	9.63	3.83E-01	181.23	170.7767	14.23139	11.48743	0.93	716.3	27.4	19
88.5	9.63	3.83E-01	181.41	170.9457	14.24548	11.4988	0.93	716.3	27.4	19
88.5	9.63	3.83E-01	181.59	171.1151	14.25959	11.5102	0.93	716.3	27.4	19
88.5	9.63	3.77E-01	182.19	169.1699	14.09749	11.37935	0.93	716.3	27.4	19
88.5	9.63	3.77E-01	182.28	169.2488	14.10407	11.38466	0.93	716.3	27.4	19
88.5	9.63	3.80E-01	181.77	170.0051	14.16709	11.43553	0.93	716.3	27.4	19
88.5	9.63	3.80E-01	181.77	170.0051	14.16709	11.43553	0.93	716.3	27.4	19
88.5	9.63	3.80E-01	181.55	169.7984	14.14986	11.42162	0.93	716.3	27.4	19
88.5	9.63	3.80E-01	182.07	170.1714	14.18095	11.44672	0.93	716.3	27.4	19
88.5	9.63	3.78E-01	182.27	169.6225	14.13521	11.4098	0.93	716.3	27.4	19
88.5	9.63	3.78E-01	182.03	169.4024	14.11686	11.39499	0.94	716.3	27.2	19
84	9.14	3.33E-01	177.62	131.106	10.9255	8.81895	0.94	716.3	27.2	19.4
84	9.14	3.33E-01	177.49	131.234	10.93617	8.82756	0.94	716.3	27.2	19.4
84	9.14	3.33E-01	177.33	131.1109	10.92591	8.81928	0.94	716.3	27.2	19.4
84	9.14	3.33E-01	177.83	131.4828	10.9569	8.8443	0.94	716.3	27.2	19.4
84	9.14	3.33E-01	177.49	131.236	10.93633	8.82769	0.94	716.3	27.2	19.4
79.5	8.65	2.84E-01	174.97	98.6213	8.21844	6.63384	0.94	716.3	27.1	19.4
79.5	8.65	2.84E-01	174.76	98.7182	8.22652	6.64036	0.94	716.3	27.1	19.4
79.5	8.65	2.82E-01	174.93	98.1422	8.17851	6.60161	0.94	716.3	27.1	19.4
79.5	8.65	2.84E-01	174.46	98.467	8.20558	6.62346	0.94	716.3	27.1	19.4
79.5	8.65	2.81E-01	174.72	97.6313	8.13594	6.56725	0.94	716.3	27.1	19.4
75.5	8.22	2.27E-01	175.33	71.1673	5.93061	4.78713	0.94	716.3	27.1	19.3
75.5	8.22	2.27E-01	175.3	71.292	5.941	4.79551	0.94	716.3	27.1	19.3
75.5	8.22	2.26E-01	175.66	71.1611	5.93009	4.78671	0.94	716.3	27.1	19.3
75.5	8.22	2.26E-01	175.34	71.0295	5.91912	4.77785	0.94	716.3	27.1	19.3
75.5	8.22	2.25E-01	175.87	70.8678	5.90565	4.76698	0.94	716.4	27.1	19.3
71	7.73	1.79E-01	170.91	48.5458	4.04548	3.26547	0.94	716.4	27.1	19.3
71	7.73	1.76E-01	171.08	47.8426	3.98688	3.21817	0.94	716.4	27.1	19.3
71	7.73	1.75E-01	171.04	47.5258	3.96049	3.19686	0.94	716.4	27.1	19.3
71	7.73	1.75E-01	171.04	47.5258	3.96049	3.19686	0.94	716.4	27	19.3
71	7.73	1.79E-01	170.81	48.5187	4.04323	3.26365	0.94	716.4	27	19.3
66.5	7.24	1.34E-01	169.79	31.616	2.63467	2.12668	0.94	716.4	27	19.1
66.5	7.24	1.38E-01	169.74	32.627	2.71892	2.19468	0.94	716.4	27	19.1
66.5	7.24	1.35E-01	169.74	31.8863	2.65719	2.14486	0.94	716.4	27	19.1
66.5	7.24	1.34E-01	169.67	31.6958	2.64132	2.13204	0.94	716.4	27	19.1
66.5	7.24	1.34E-01	169.79	31.7185	2.64321	2.13357	0.94	716.4	27	19.1

ANEXO D: CARACTERÍSTICAS TÉCNICAS DE LAS LÍNEAS DE TRANSMISIÓN COSTERAS EN 220 KV BAJO ESTUDIO

TABLA N° ANEXO D.1:

CARACTERÍSTICA	LÍNEA				
	Chiclayo-Piura	Paramonga Nueva -Chimbote	Zapallal-Paramonga Nueva	San Juan-Independencia 1 (Pisco)	San Juan-Independencia 2 (Pisco)
Código de la línea	L-238	L-215	L-213	L-207	L-208
Año de puesta en servicio	1992	1980	1973	1973	1984
Longitud en Km	211	221	166	215	216
Material de la torre	A.G.	A.G.C.	A.G.C.	A.G.	A.G.
Conductor ACAR (mm2)	400	400	400	442	442
Material de los aisladores	V.T.	P.A.	P.A.	P.A.	V.T.
Numero de aisladores en:					
Suspensión	17	21	21	17	17
Anclaje	18	22	22	18	18
Numero de torre en:					
Suspensión	434	393	336	450	439
Anclaje	27	116	59	43	43
Numero de transposiciones	2	2	2	4	6
Total de torres	463	511	397	503	488
Vano medio (m)	455	420	420	430	445

Leyenda:

A.G.: Acero galvanizado
A.G.C.: Acero galvanizado tipo corten
V.T.: Vidrio templado
P.A.: Porcelana antiniebla

BIBLIOGRAFÍA

[1] Addendum to CIGRE Document N°20 (1974): Interferences Produced by Corona Effect of Electric Systems (Description of Phenomena and Practical Guide for Calculation). CIGRE Working Group 36.01, EMC Aspects of Corona, Electric and Magnetic Fields, December 1996.

[2] Cladé J.J., Gary C.H.: "Predetermination of Corona Losses under Rain: Influence of rain Intensity and Utilization of an Universal Chart". IEEE Trans PAS, Vol 89, No. 6, July/August 1970, pgs. 1179-1185.