

DAC MEASUREMENT REPORT

Date
Inspector
Location
Cable from
CableSection
Phase to Ground Voltage

Wednesday, December 14, 2016 11:25 AM
Raden . Suparman . Maman . Afrit
P PARANG TRITIS
CP 242 to BT 220
240 XLPE Year 0
11.50 kV (RMS) Length 655 m

Cable 240 XLPE from CP 242 to BT 220		
CP 242	MERLIN GERIN	
BT 220		
L1,L2,L3:		
0 m	Termination	
	Cablepart 35 m	XLPE
35 m	Joint	1
	Cablepart 118 m	XLPE
153 m	Joint	2
	Cablepart 59 m	XLPE
212 m	Joint	3
	Cablepart 38 m	XLPE
250 m	Joint	4
	Cablepart 70 m	XLPE
320 m	Joint	5
	Cablepart 32 m	XLPE
352 m	Joint	6
	Cablepart 87 m	XLPE
439 m	Joint	7
	Cablepart 81 m	XLPE
520 m	Joint	8
	Cablepart 115 m	XLPE
635 m	Joint	9
	Cablepart 20 m	XLPE
655 m	Termination	

Kabel Test 20 M . XLPE .

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	L1	L2	L3
GroundNoise [pC]	296	306	283
PDIV [kV RMS]	19.6	-	17.3
PDEV [kV RMS]	8.7	8.3	8.7
PDmax [pC] (PDIV)	931	-	23297
PDlevel [pC] (PDIV)	691	-	16549
PDmax [pC] (Uo)	530	475	515
PDlevel [pC] (Uo)	410	393	384
PDmax [pC] (1.7*Uo)	931	5771	19572
PDlevel [pC] (1.7*Uo)	691	1859	9748
PDmax [pC] (2*Uo)	-	-	-
PDlevel [pC] (2*Uo)	-	-	-
Capacitance [uF]	0.161	0.158	0.158
Frequency [Hz]	459.77	463.33	463.78
Diel. Losses	1.3 %	1.3 %	1.3 %

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[illegible]

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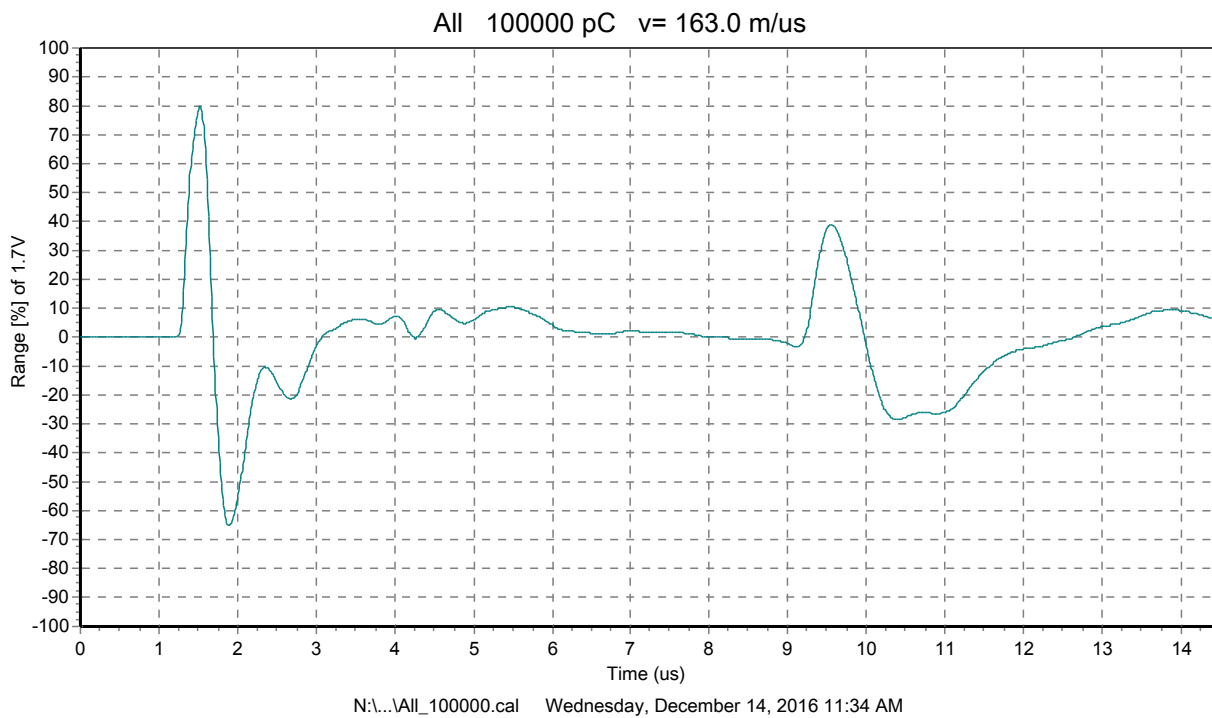
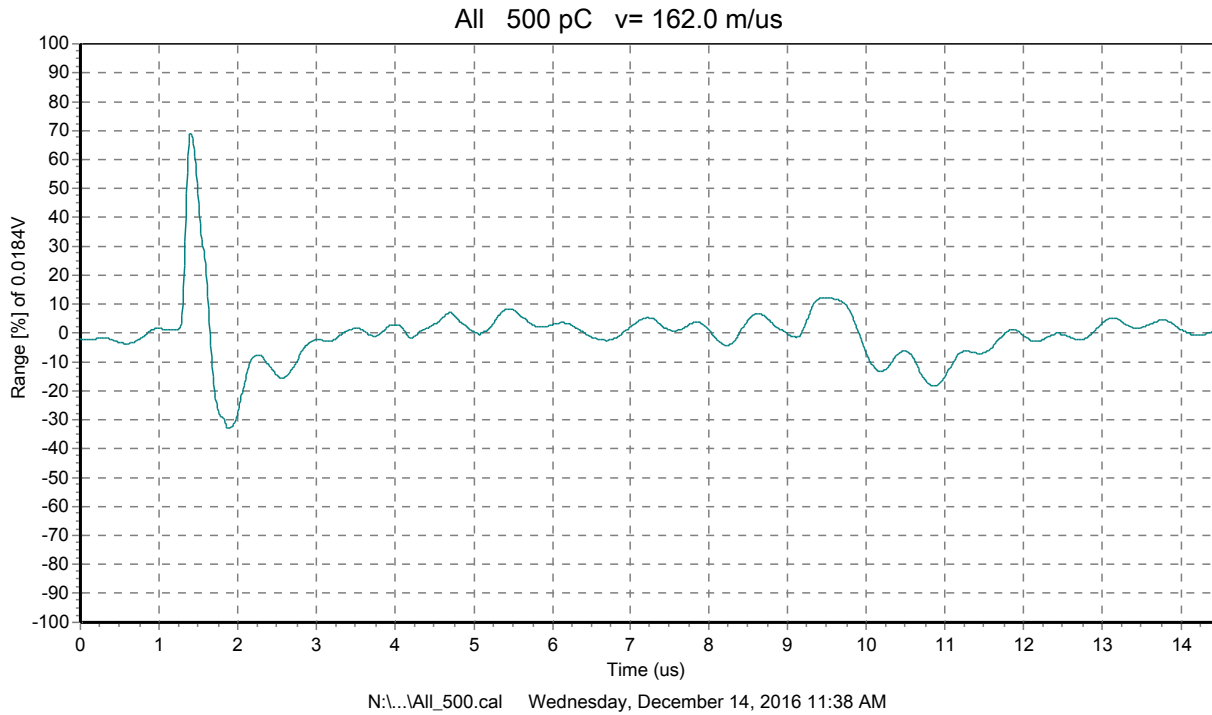
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Joint						0			0
Cablepart	11.3			593	539	1	555	555	1
Joint						0			0
Cablepart						0			0
Joint						0			0
Cablepart						0			0
Termination						0			0
L3:	8.1			405	354	2	51142	11562	2
Termination						0			0
Cablepart						0			0
Joint						0			0
Cablepart						0			0
Joint						0			0
Cablepart						0			0
Joint						0			0
Cablepart	8.1			337	308	2			0
Joint						0			0
Cablepart	24.3	23673	6334			0	51142	11562	2
Joint						0			0
Cablepart						0			0
Joint						0			0
Cablepart	8.1			405	389	1			0
Joint						0			0
Cablepart						0			0
Joint						0			0
Cablepart						0			0
Joint						0			0
Cablepart						0			0
Termination						0			0

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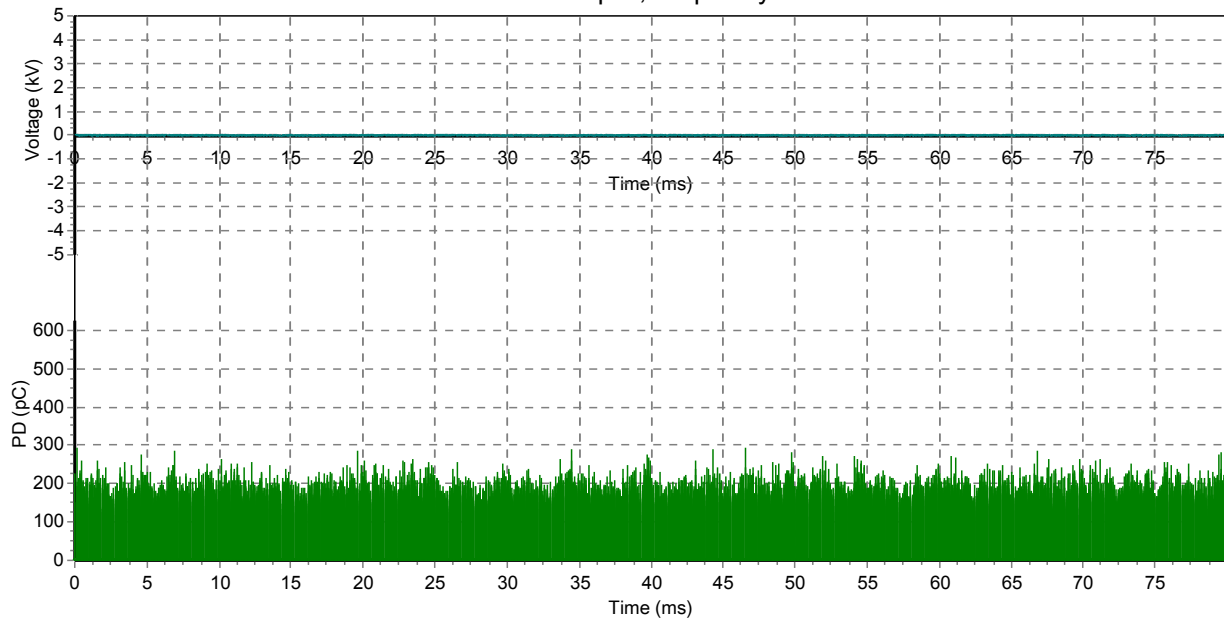


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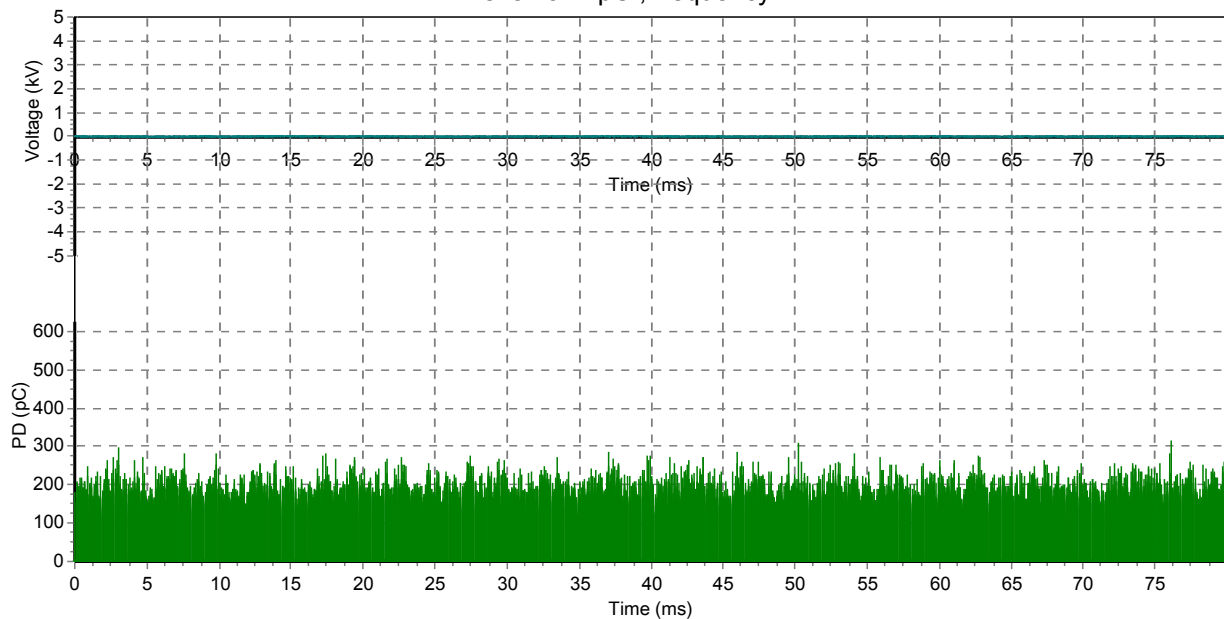
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L1 @0.0 kV Test 1
PD level: 292 pC ; frequency: - Hz



N:\...L1_0kV0_2016-12-14-11'42'33.tot Wednesday, December 14, 2016 11:42 AM

L2@0.0 kV Test 1
PD level: 314 pC ; frequency: - Hz

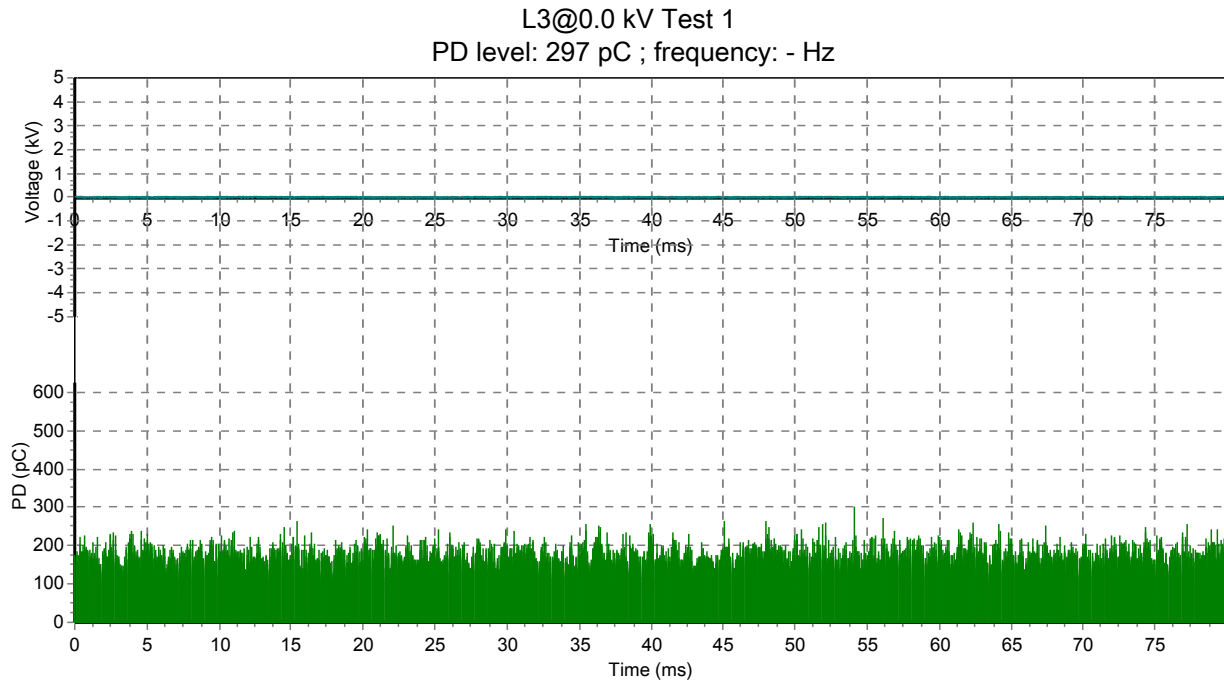


N:\...L2_0kV0_2016-12-14-11'54'55.tot Wednesday, December 14, 2016 11:54 AM

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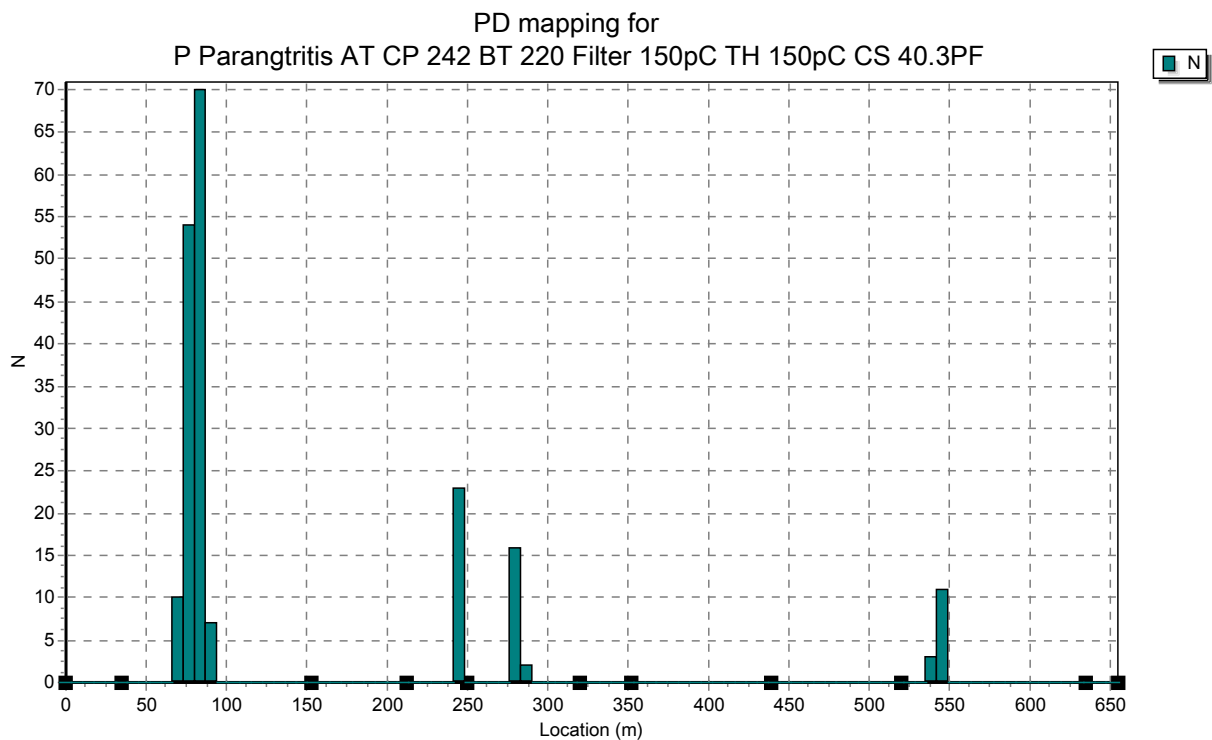
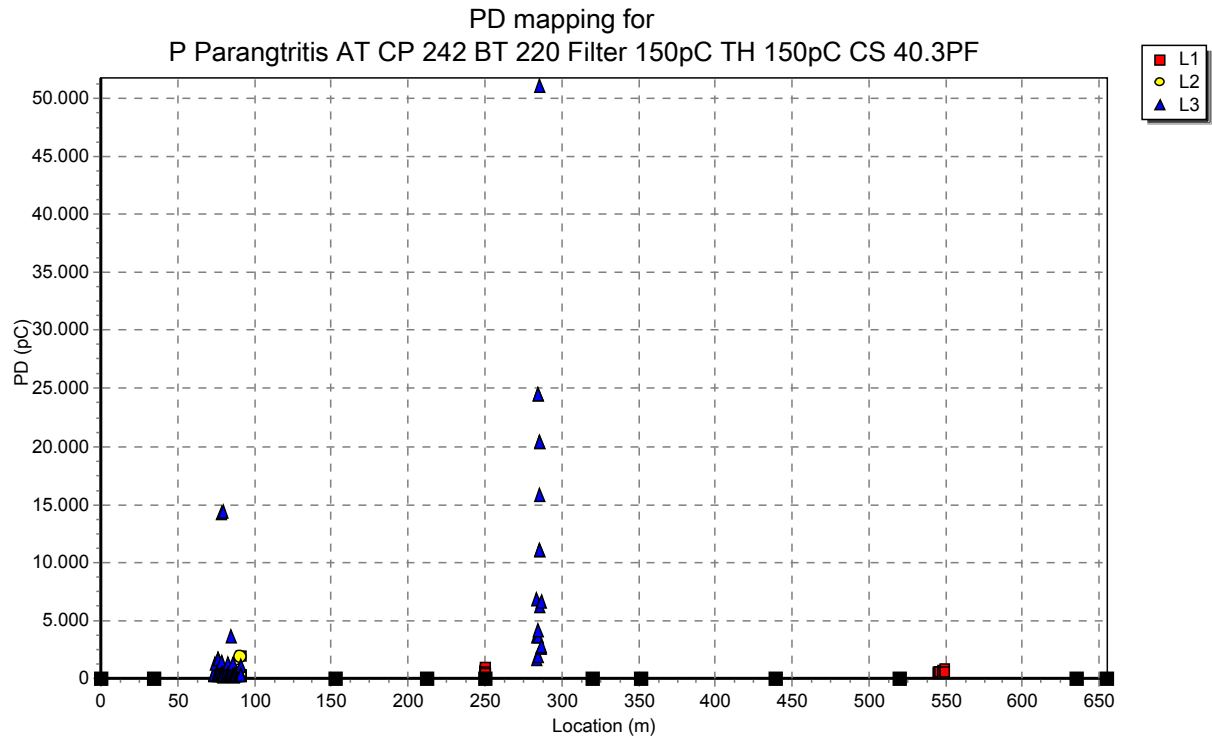


N:\...L3_0kV0_2016-12-14-12'13'38.tot Wednesday, December 14, 2016 12:13 PM

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