PCS 1900 RF Interference Potential Test Report

Hardware Setup

Probe | Calibration Date EF3DV3 - SN4041 | March 04, 2025

DAE | Calibration Date DAE4ip Sn1621 | April 10, 2025

Software Version 1.2.6.2199

Communication Systems

MIF 3.8

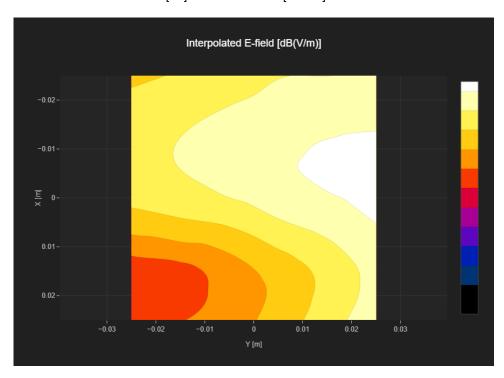
Channel | Frequency [MHz] 512 | 1850.2

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Emax [dBV/m]	21.88	Eavg 50x50 Max [dBV/m]	18.84
Drift [dB]	0.43	RFail [dBV/m]	22.64



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Communication Systems

MIF 3.8

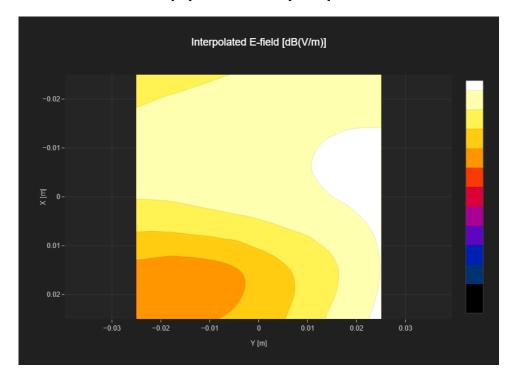
Channel | Frequency [MHz] 661 | 1880.0

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Emax [dBV/m]	20.85	Eavg 50x50 Max [dBV/m]	19.51
Drift [dB]	-0.01	RFail [dBV/m]	23.31



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Software Version 1.2.6.2199

Communication Systems

MIF 3.8

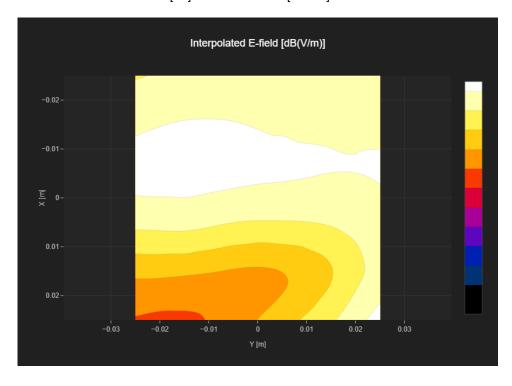
Channel | Frequency [MHz] 810 | 1909.8

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Emax [dBV/m]	21.43	Eavg 50x50 Max [dBV/m]	19.26
Drift [dB]	0.22	RFail [dBV/m]	23.06



UL Verification Services Inc. SAR Lab 16

PCS 1900 RF Interference Potential Test Report

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Software Version 1.2.6.2199

Communication Systems

MIF 1.15

Channel | Frequency [MHz] 512 | 1850.2

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

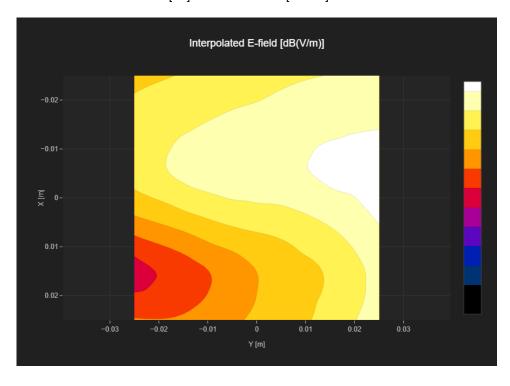
Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Results

Date/Time: July 17, 2025 at 14:37

Emax [dBV/m]	23.87	Eavg 50x50 Max [dBV/m]	20.69
Drift [dB]	0.05	RFail [dBV/m]	21.84



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Software Version 1.2.6.2199

Communication Systems

MIF 1.15

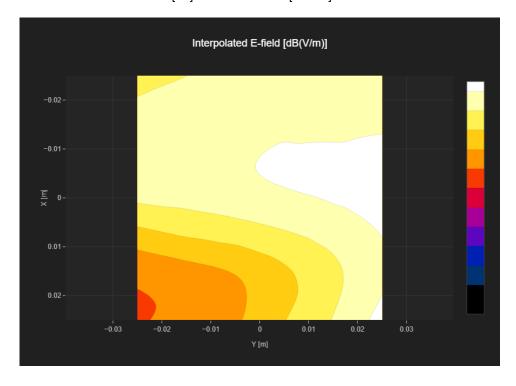
Channel | Frequency [MHz] 661 | 1880.0

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Emax [dBV/m]	23.58	Eavg 50x50 Max [dBV/m]	21.32
Drift [dB]	-0.07	RFail [dBV/m]	22.47



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Communication Systems

MIF 1.15

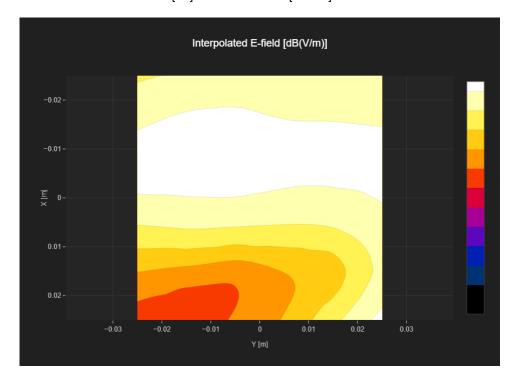
Channel | Frequency [MHz] 810 | 1909.8

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Emax [dBV/m]	23.18	Eavg 50x50 Max [dBV/m]	21.03
Drift [dB]	0.11	RFail [dBV/m]	22.18



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Software Version 1.2.6.2199

Communication Systems

MIF 3.8

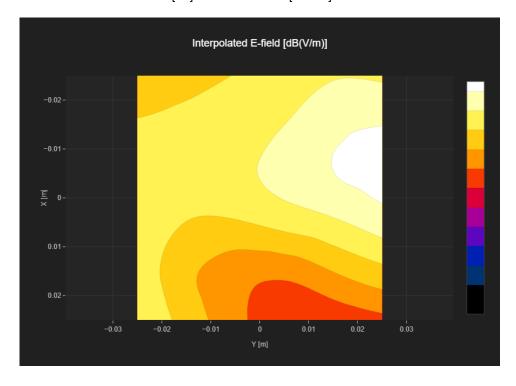
Channel | Frequency [MHz] 512 | 1850.2

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Emax [dBV/m]	26.12	Eavg 50x50 Max [dBV/m]	22.48
Drift [dB]	-0.1	RFail [dBV/m]	26.28



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Communication Systems

MIF 3.8

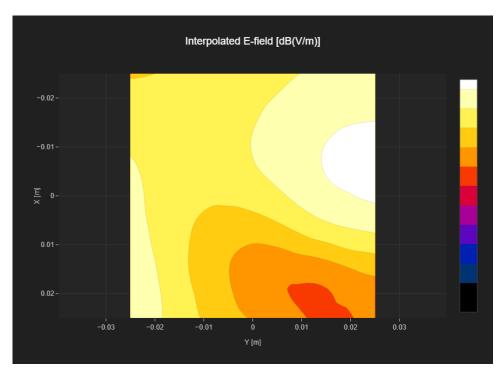
Channel | Frequency [MHz] 661 | 1880.0

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Emax [dBV/m]	25.94	Eavg 50x50 Max [dBV/m]	22.63
Drift [dB]	-0.36	RFail [dBV/m]	26.43



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Software Version 1.2.6.2199

Communication Systems

MIF 3.8

Channel | Frequency [MHz] 810 | 1909.8

Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

Grid Settings

Extent X [mm]	50.0	Step X [mm]	10.0
Extent Y [mm]	50.0	Step Y [mm]	10.0
Distance [mm]	15.0		

Emax [dBV/m]	26.06	Eavg 50x50 Max [dBV/m]	22.5
Drift [dB]	-0.18	RFail [dBV/m]	26.3

