PCS 1900 RF Interference Potential Test Report

Hardware Setup

Probe | Calibration Date	EF3DV3 - SN4028 | September 04, 2023
DAE | Calibration Date	DAE4 Sn1546 | March 11, 2024
Software Version	1.2.0.1713

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		

Results

Emax [dBV/m]	**24.57**	Eavg 50x50 Max [dBV/m]	**21.95**
Drift [dB]	**-0.01**	RFail [dBV/m]	**25.75**

Interpolated E-field [dB(V/m)]

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**DAE	Calibration Date**	DAE4 Sn1546	March 11, 2024
Software Version	1.2.0.1713

Communication Systems
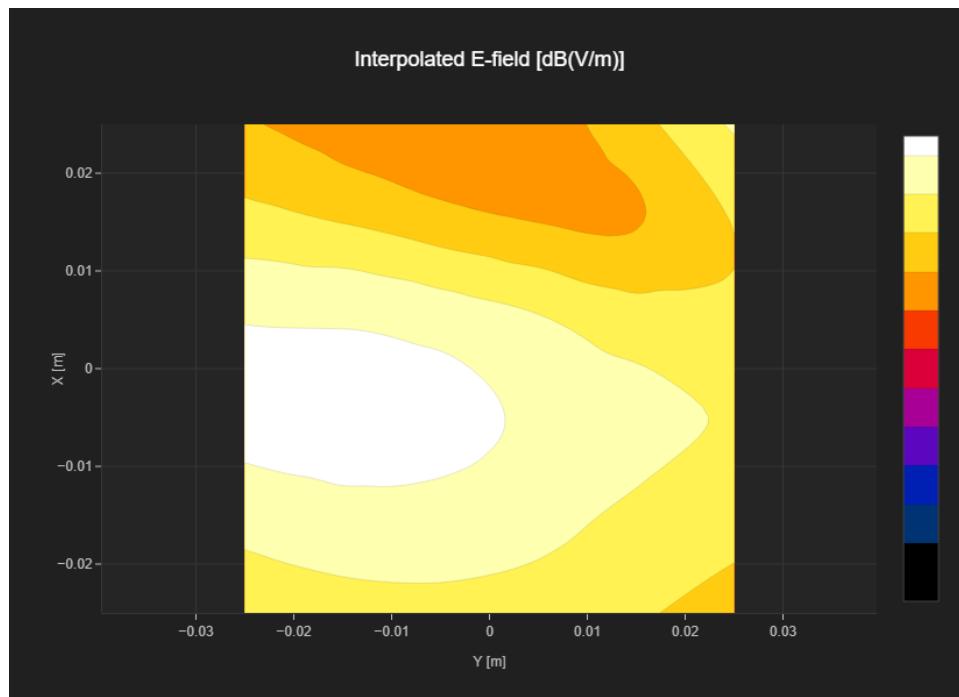
MIF	3.8
**Channel	Frequency [MHz]**	661	1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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		

Results

Emax [dBV/m]	**23.84**	Eavg 50x50 Max [dBV/m]	**21.12**
Drift [dB]	**-0.05**	RFail [dBV/m]	**24.92**

Interpolated E-field [dB(V/m)]

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Software Version	1.2.0.1713

Communication Systems
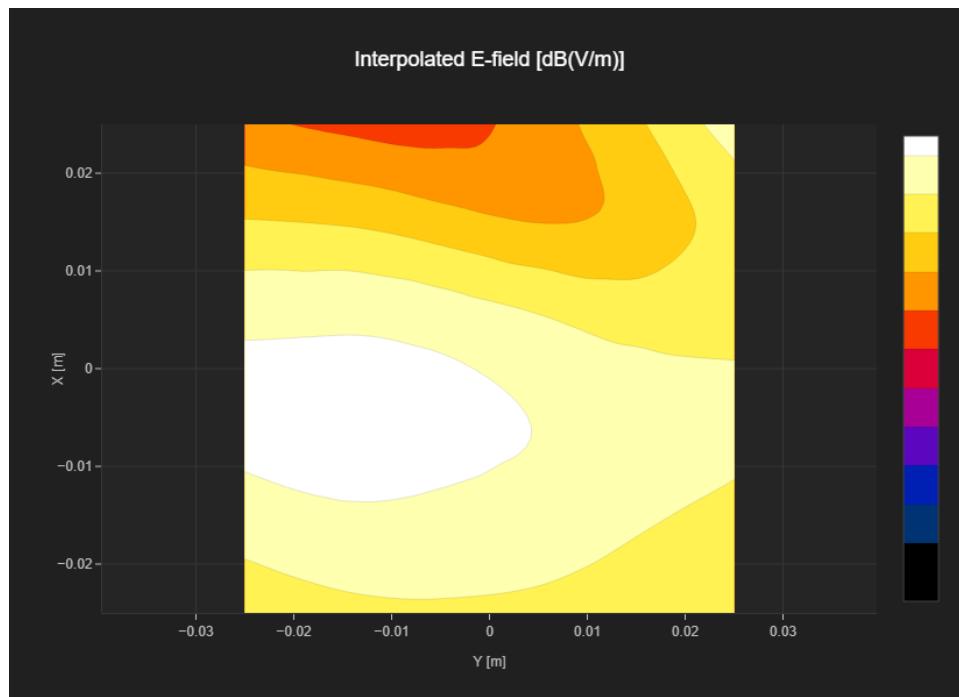
MIF	3.8
Channel | Frequency [MHz]	810 | 1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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		

Results

Emax [dBV/m]	**23.86**	Eavg 50x50 Max [dBV/m]	**21.31**
Drift [dB]	**0.09**	RFail [dBV/m]	**25.11**

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Hardware Setup

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Software Version	1.2.0.1713

Communication Systems
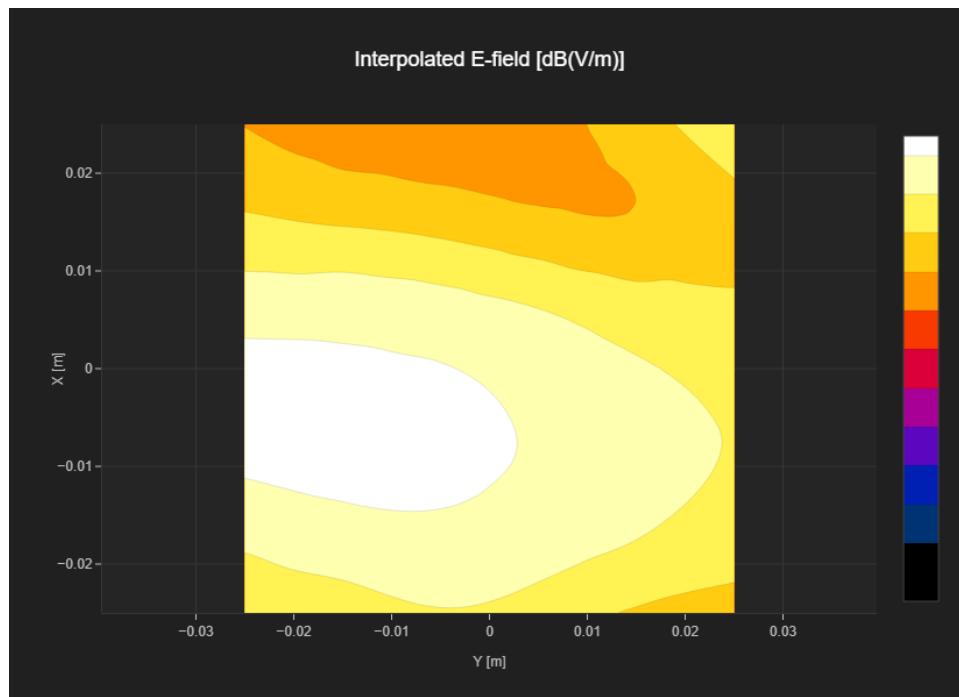
MIF	1.15
Channel | Frequency [MHz]	512 | 1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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

Emax [dBV/m]	**25.97**	Eavg 50x50 Max [dBV/m]	**23.37**
Drift [dB]	**0.09**	RFail [dBV/m]	**24.52**

Interpolated E-field [dB(V/m)]

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Hardware Setup

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Software Version	1.2.0.1713

Communication Systems
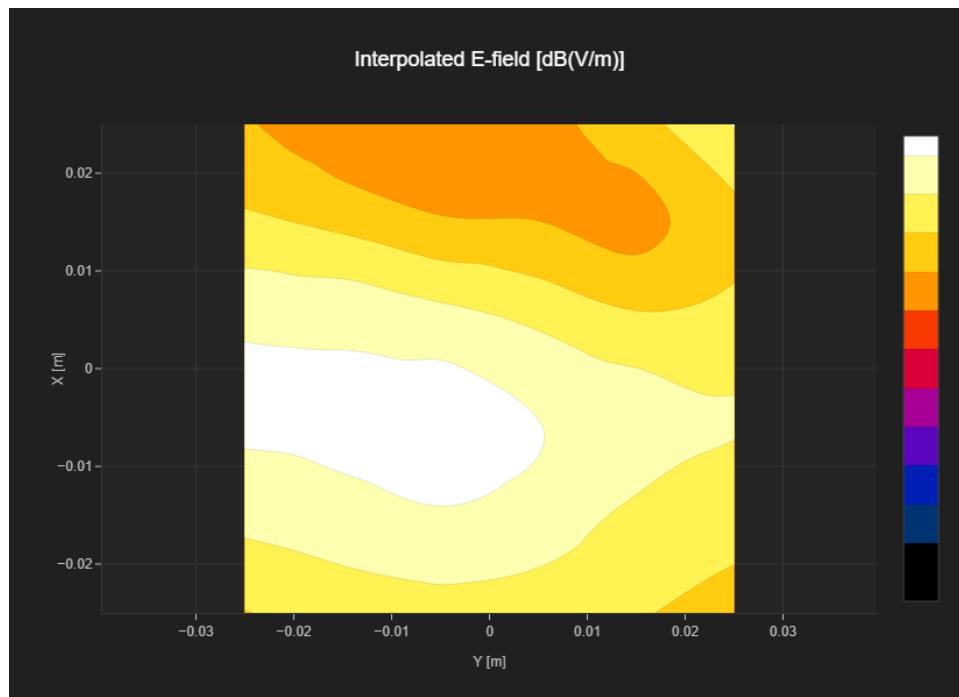
MIF	1.15
Channel | Frequency [MHz]	661 | 1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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		

Results

Emax [dBV/m]	**25.72**	Eavg 50x50 Max [dBV/m]	**22.88**
Drift [dB]	**0.59**	RFail [dBV/m]	**24.03**

Interpolated E-field [dB(V/m)]

PCS 1900 RF Interference Potential Test Report

Hardware Setup

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Software Version	1.2.0.1713

Communication Systems
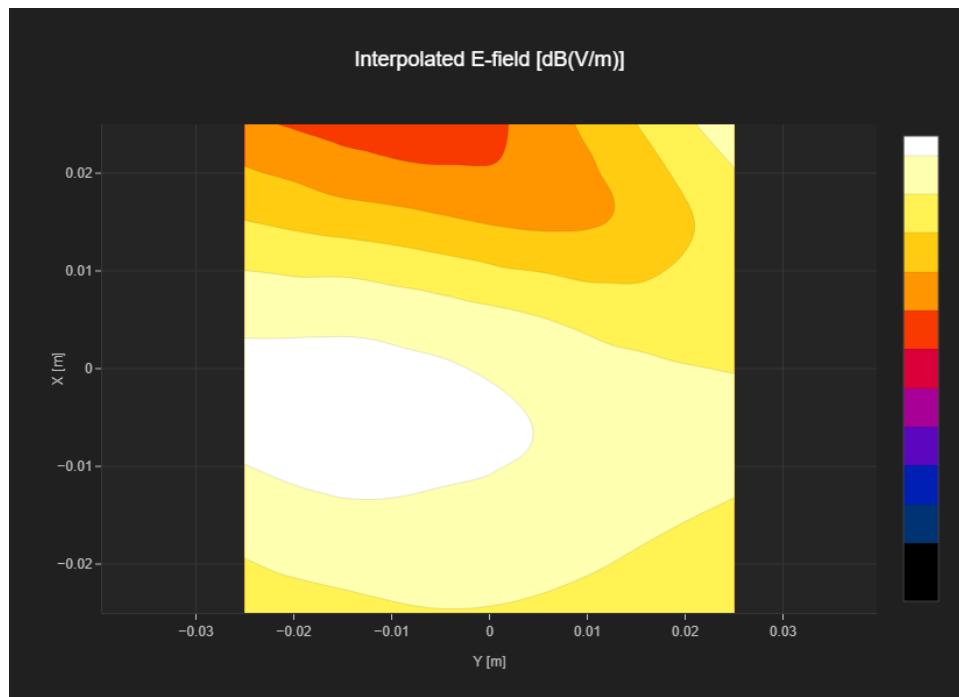
MIF	1.15
Channel | Frequency [MHz]	810 | 1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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		

Results

Emax [dBV/m]	**25.14**	Eavg 50x50 Max [dBV/m]	**22.54**
Drift [dB]	**-0.13**	RFail [dBV/m]	**23.69**

Interpolated E-field [dB(V/m)]

PCS 1900 RF Interference Potential Test Report

Hardware Setup

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DAE | Calibration Date	DAE4 Sn1546 | March 11, 2024
Software Version	1.2.0.1713

Communication Systems
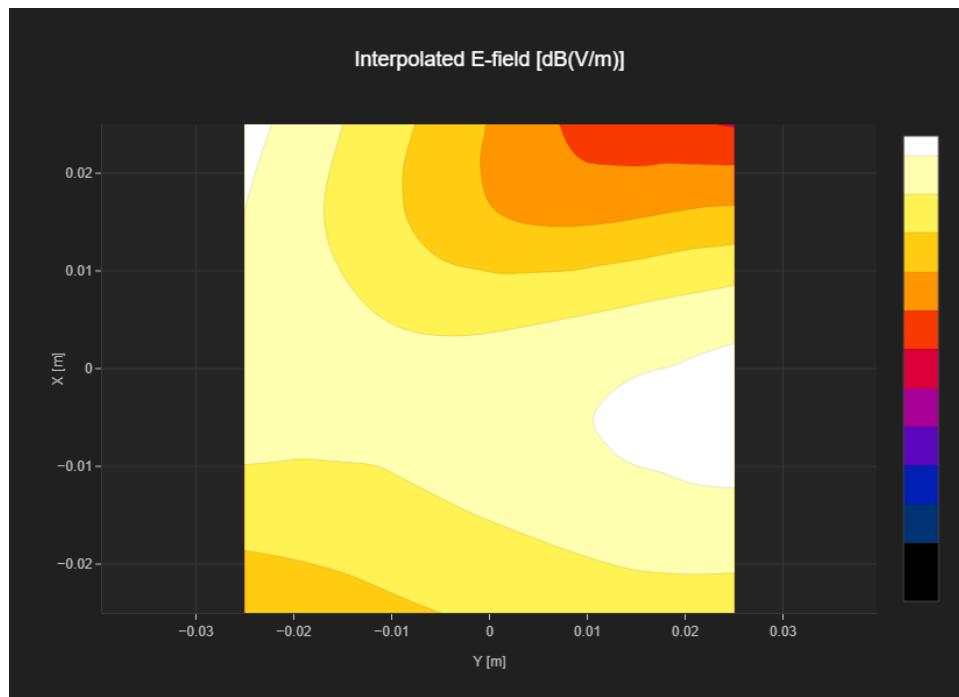
MIF	3.8
Channel | Frequency [MHz]	512 | 1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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		

Results

Emax [dBV/m]	**24.96**	Eavg 50x50 Max [dBV/m]	**22.13**
Drift [dB]	**-0.05**	RFail [dBV/m]	**25.93**

Interpolated E-field [dB(V/m)]

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Software Version	1.2.0.1713

Communication Systems
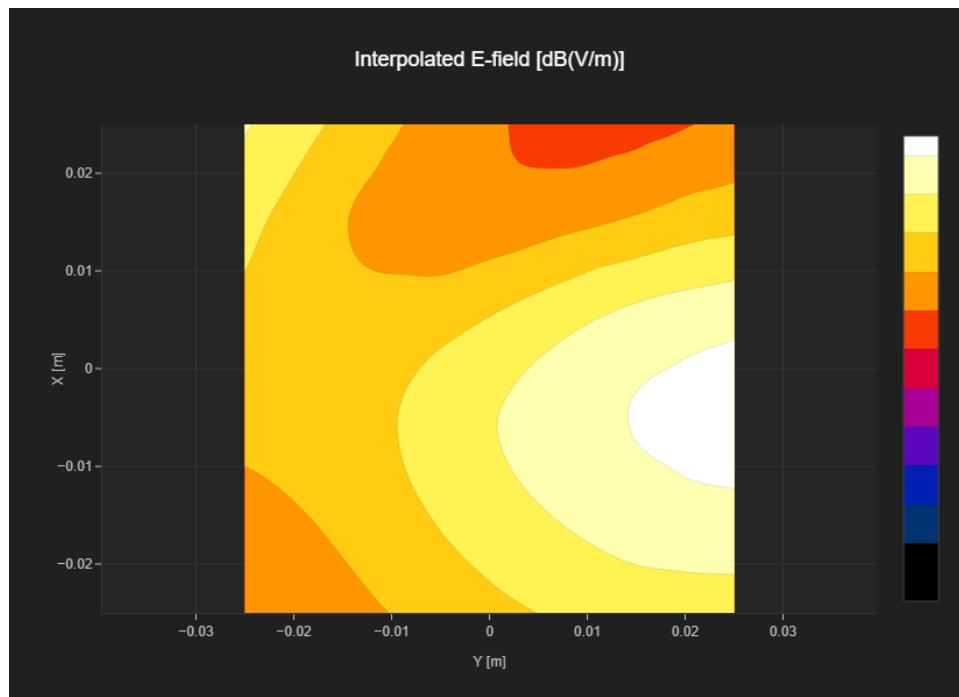
MIF	3.8
**Channel	Frequency [MHz]**	661	1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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		

Results

Emax [dBV/m]	**26.95**	Eavg 50x50 Max [dBV/m]	**22.89**
Drift [dB]	**0.01**	RFail [dBV/m]	**26.69**

Interpolated E-field [dB(V/m)]

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Hardware Setup

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**DAE	Calibration Date**	DAE4 Sn1546	March 11, 2024
Software Version	1.2.0.1713

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		

Results

Emax [dBV/m]	**27.2**	Eavg 50x50 Max [dBV/m]	**22.81**
Drift [dB]	**0.02**	RFail [dBV/m]	**26.61**

Interpolated E-field [dB(V/m)]