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

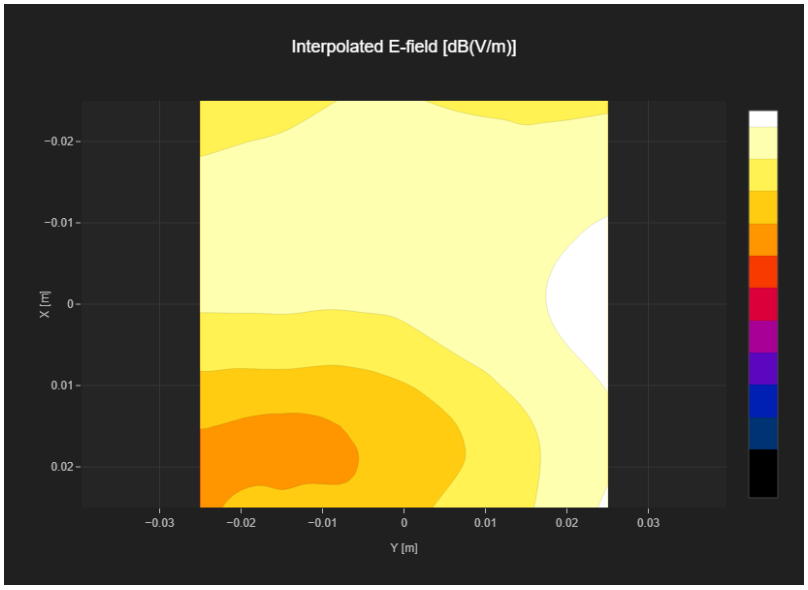
MIF	3.8
Channel | Frequency [MHz]	512 | 1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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		

Results

Emax [dBV/m]	**19.48**	Eavg 50x50 Max [dBV/m]	**18.42**
Drift [dB]	**0.24**	RFail [dBV/m]	**22.22**



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Software Version	1.2.6.2199

Communication Systems

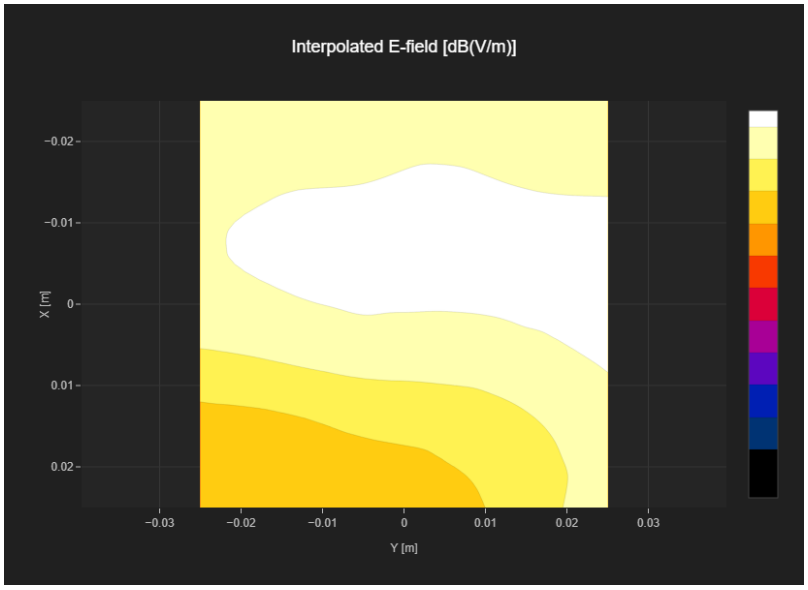
MIF	3.8
Channel | Frequency [MHz]	661 | 1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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]	**20.7**	Eavg 50x50 Max [dBV/m]	**19.02**
Drift [dB]	**0.23**	RFail [dBV/m]	**22.82**



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Software Version	1.2.6.2199

Communication Systems

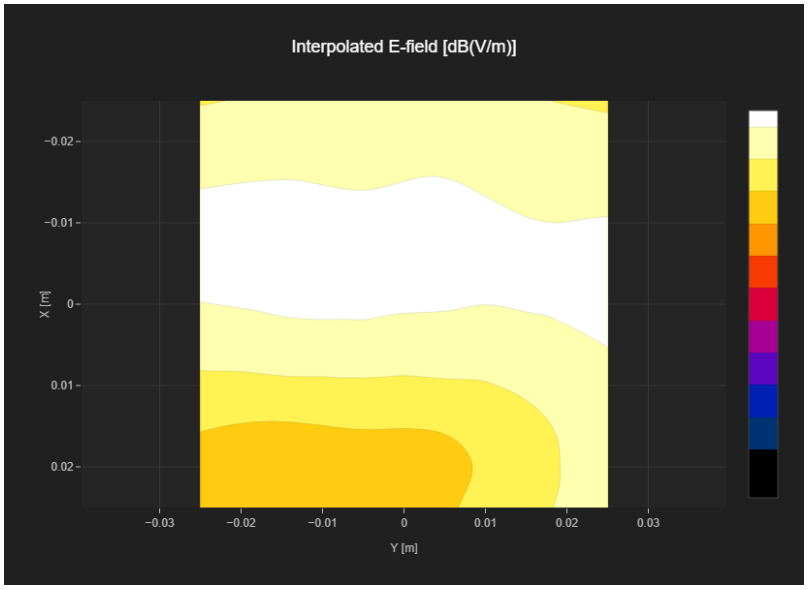
MIF	3.8
Channel | Frequency [MHz]	810 | 1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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		

Results

Emax [dBV/m]	**21.01**	Eavg 50x50 Max [dBV/m]	**19.28**
Drift [dB]	**0.01**	RFail [dBV/m]	**23.08**



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Software Version	1.2.6.2199

Communication Systems

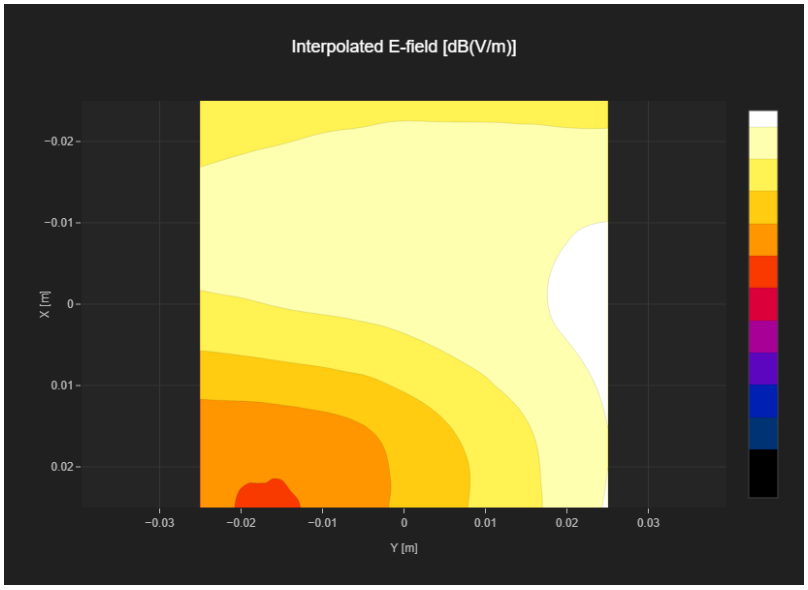
MIF	1.15
Channel | Frequency [MHz]	512 | 1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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

Emax [dBV/m]	**21.5**	Eavg 50x50 Max [dBV/m]	**20.37**
Drift [dB]	**0.22**	RFail [dBV/m]	**21.52**



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Hardware Setup

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Software Version	1.2.6.2199

Communication Systems

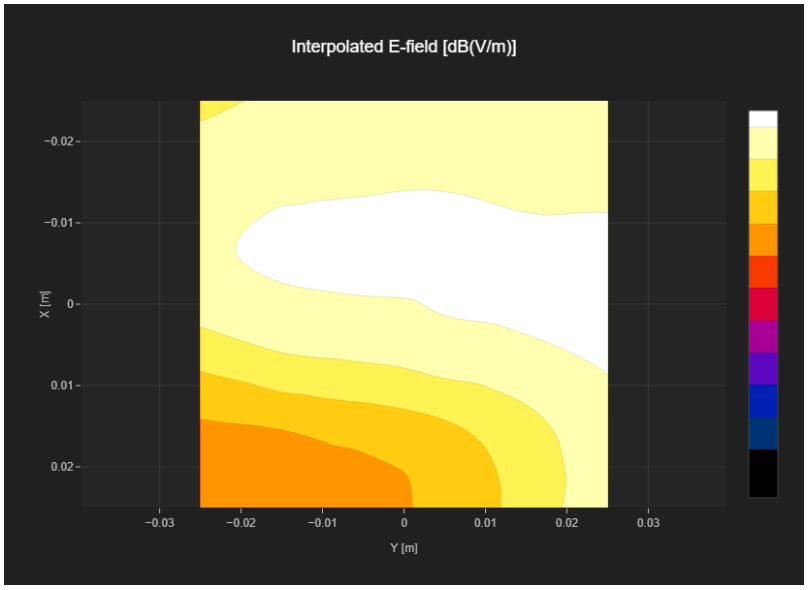
MIF	1.15
Channel | Frequency [MHz]	661 | 1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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		

Results

Emax [dBV/m]	**22.61**	Eavg 50x50 Max [dBV/m]	**21.06**
Drift [dB]	**0.05**	RFail [dBV/m]	**22.21**



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Hardware Setup

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Software Version	1.2.6.2199

Communication Systems

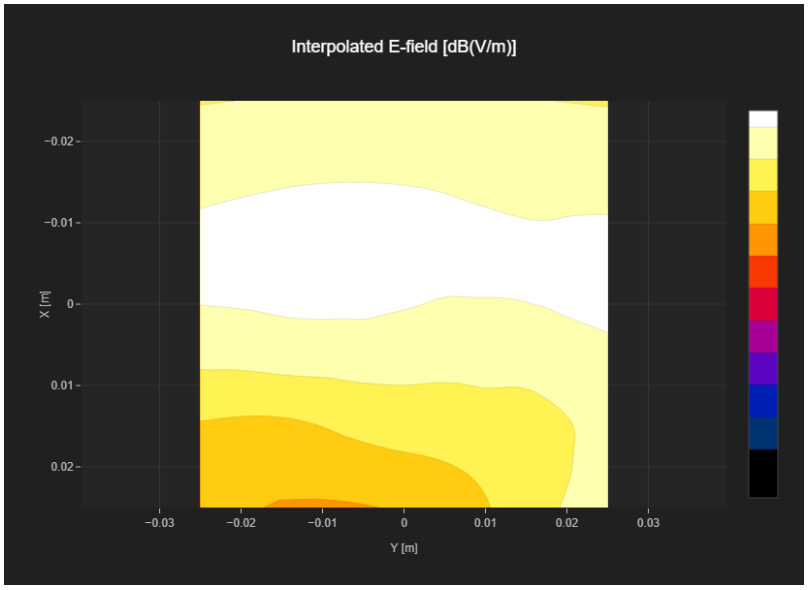
MIF	1.15
Channel | Frequency [MHz]	810 | 1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	**23.03**	Eavg 50x50 Max [dBV/m]	**21.24**
Drift [dB]	**0.24**	RFail [dBV/m]	**22.39**



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Hardware Setup

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Software Version	1.2.6.2199

Communication Systems

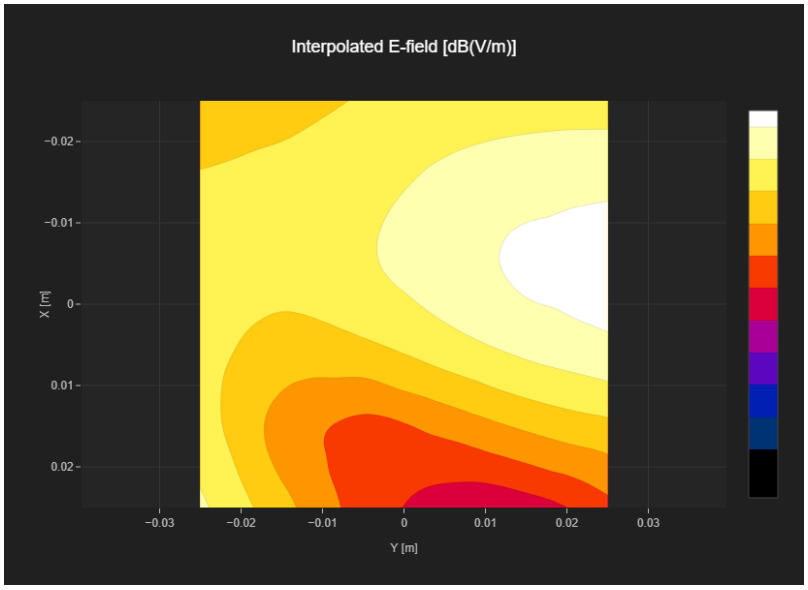
MIF	3.8
Channel | Frequency [MHz]	512 | 1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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		

Results

Emax [dBV/m]	**25.85**	Eavg 50x50 Max [dBV/m]	**22.15**
Drift [dB]	**-0.11**	RFail [dBV/m]	**25.95**



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Hardware Setup

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DAE | Calibration Date	DAE4ip Sn1621 | April 10, 2025
Software Version	1.2.6.2199

Communication Systems

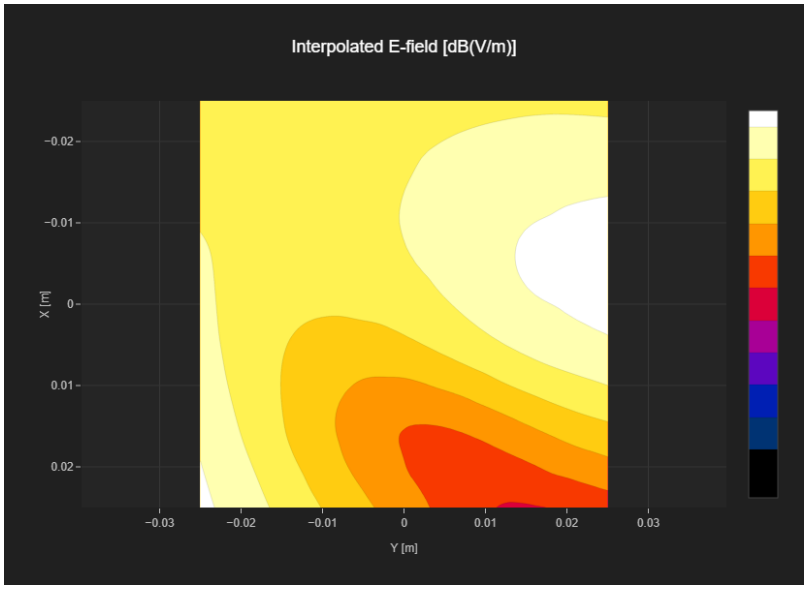
MIF	3.8
Channel | Frequency [MHz]	661 | 1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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]	**25.57**	Eavg 50x50 Max [dBV/m]	**22.25**
Drift [dB]	**-0.09**	RFail [dBV/m]	**26.05**



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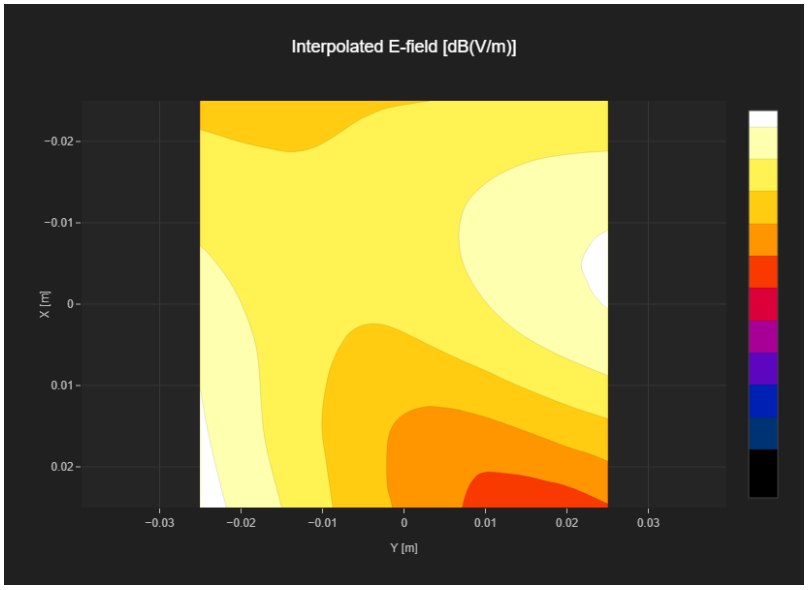
Software Version	1.2.6.2199

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		

Results

Emax [dBV/m]	**26.26**	Eavg 50x50 Max [dBV/m]	**22.74**
Drift [dB]	**-0.23**	RFail [dBV/m]	**26.54**