

PCS 1900 RF Interference Potential Test Report

Hardware Setup

Probe | Calibration Date EF3DV3 - SN4041 | March 04, 2025
DAE | Calibration Date DAE4 Sn1784 | April 09, 2025
Software Version 1.2.6.2199

Communication Systems

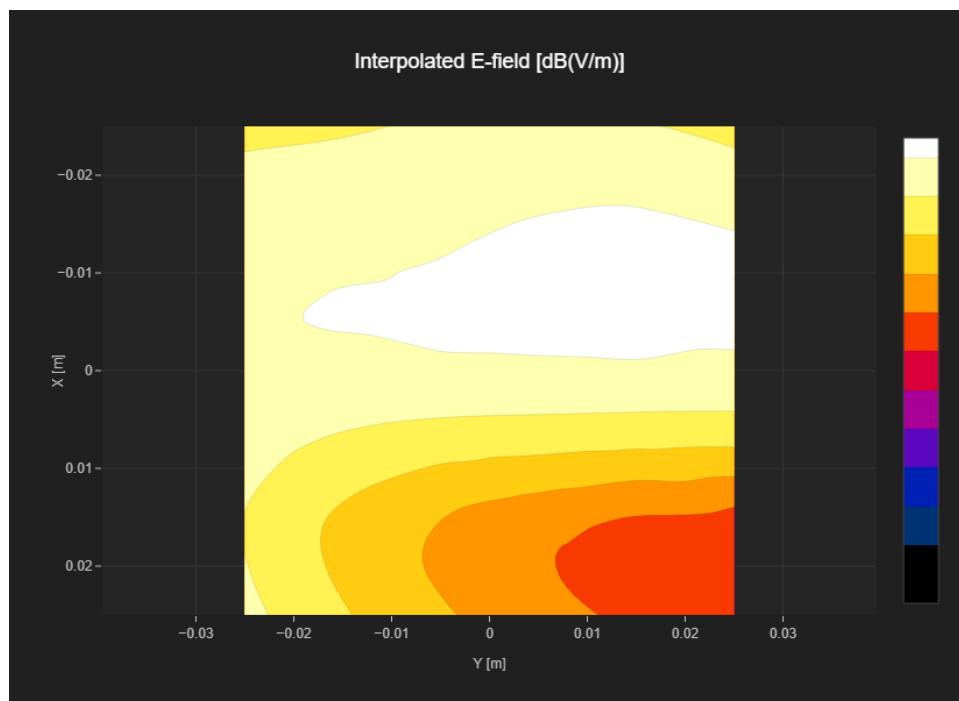
MIF 3.8
Channel | Frequency [MHz] 512 | 1850.2
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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]	25.3	Eavg 50x50 Max [dBV/m]	22.81
Drift [dB]	0.13	RFail [dBV/m]	26.61



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Communication Systems

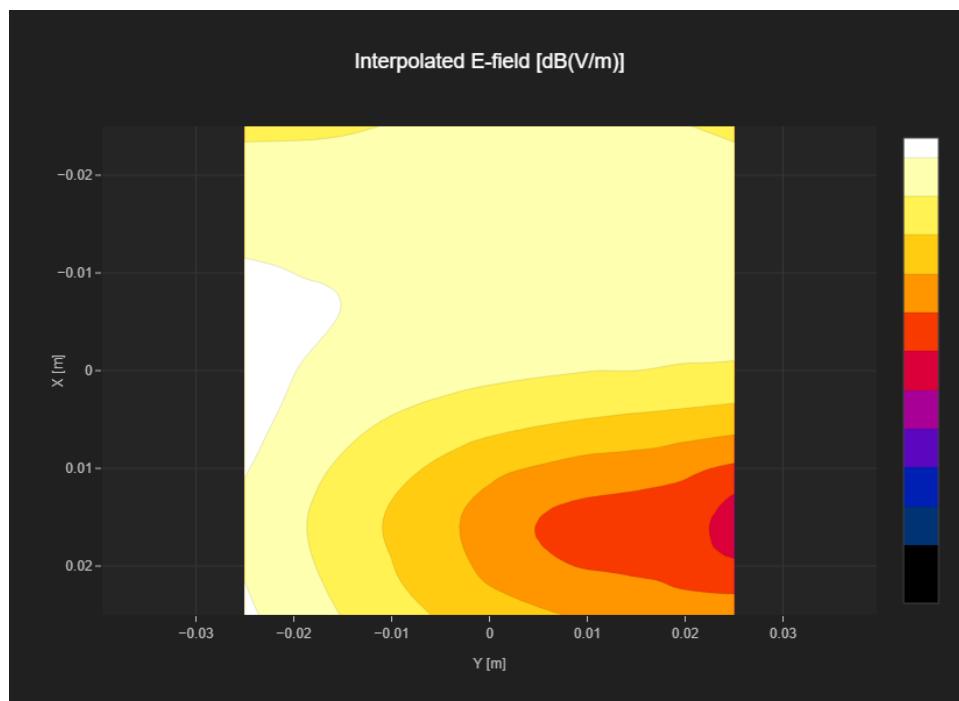
MIF 3.8
Channel | Frequency [MHz] 661 | 1880.0
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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		

Results

Emax [dBV/m]	23.1	Eavg 50x50 Max [dBV/m]	21.19
Drift [dB]	0.05	RFail [dBV/m]	24.99



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Communication Systems

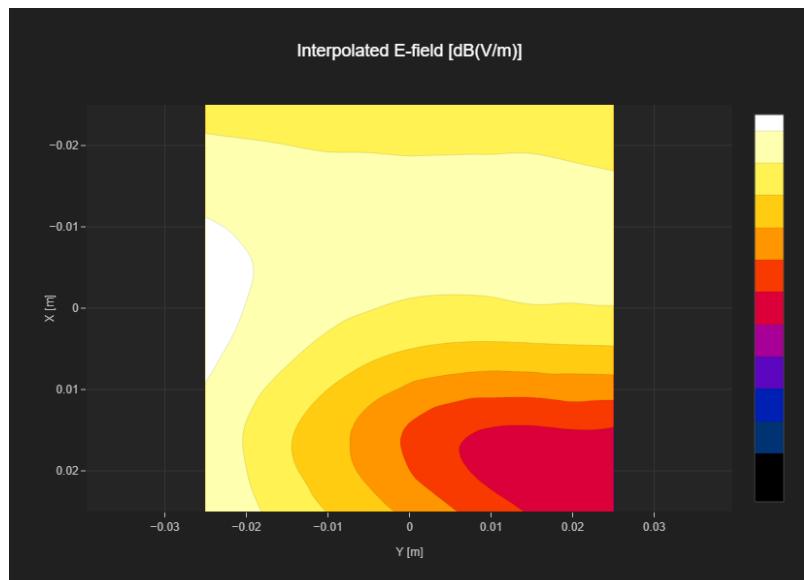
MIF 3.8
Channel | Frequency [MHz] 810 | 1909.8
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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]	23.93	Eavg 50x50 Max [dBV/m]	22.03
Drift [dB]	0.0	RFail [dBV/m]	25.83



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Communication Systems

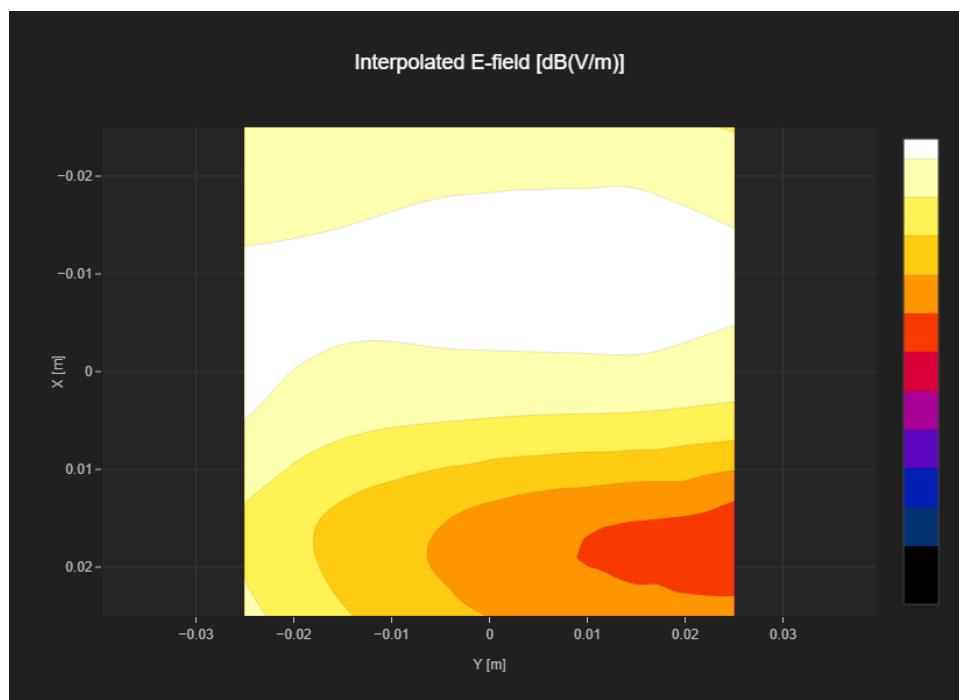
MIF 1.15
Channel | Frequency [MHz] 512 | 1850.2
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	26.96	Eavg 50x50 Max [dBV/m]	24.68
Drift [dB]	-0.03	RFail [dBV/m]	25.83



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Communication Systems

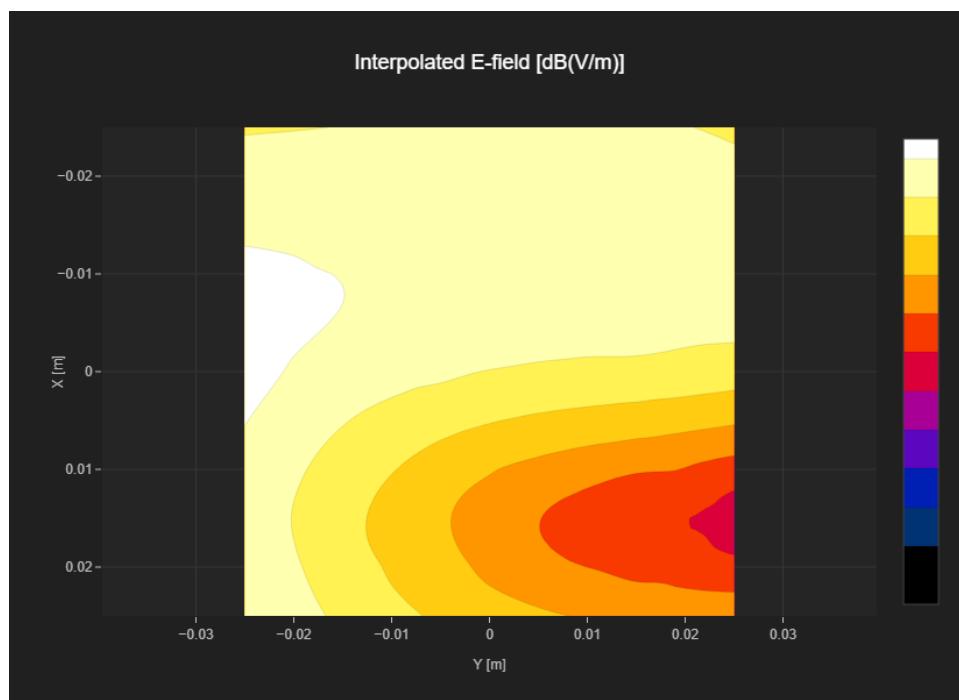
MIF 1.15
Channel | Frequency [MHz] 661 | 1880.0
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	25.69	Eavg 50x50 Max [dBV/m]	23.85
Drift [dB]	-0.06	RFail [dBV/m]	25.0



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Communication Systems

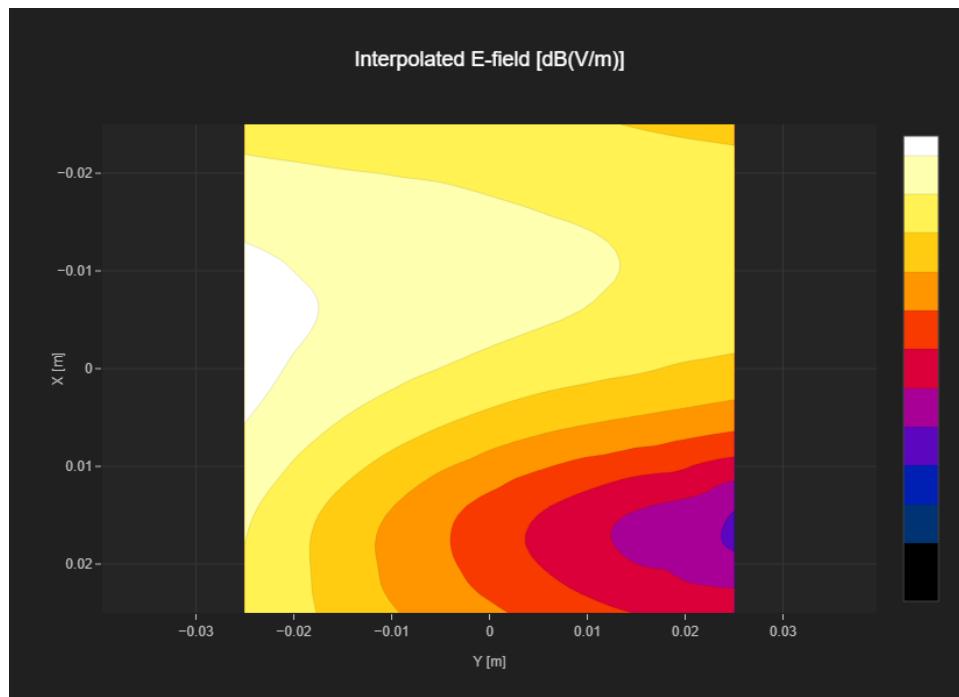
MIF 1.15
Channel | Frequency [MHz] 810 | 1909.8
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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		

Results

Emax [dBV/m]	28.03	Eavg 50x50 Max [dBV/m]	24.16
Drift [dB]	-0.08	RFail [dBV/m]	25.31



Band n41 RF Interference Potential Test Report

Hardware Setup

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DAE | Calibration Date DAE4 Sn1784 | April 09, 2025
Software Version 1.2.6.2199

Communication Systems

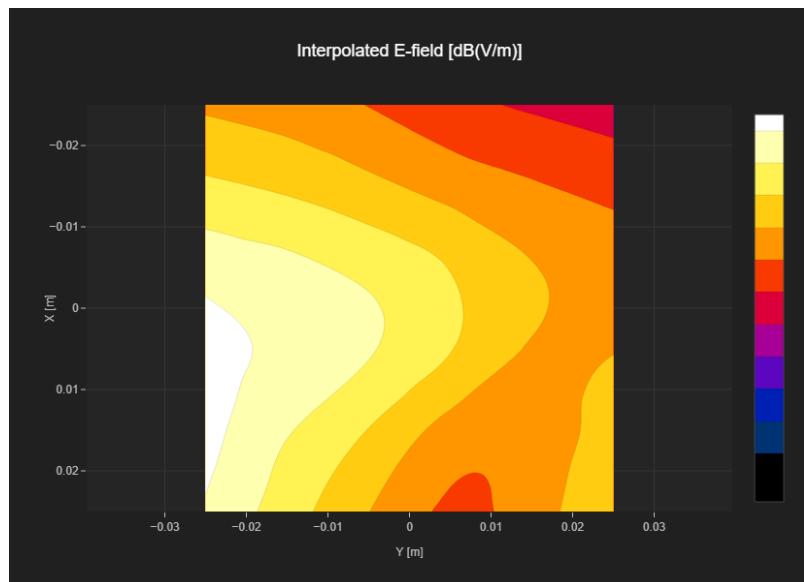
MIF 1.44
Channel | Frequency [MHz] 518598 | 2592.99
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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] **29.27** Eavg 50x50 Max [dBV/m] **24.71**
Drift [dB] **-0.01** RFail [dBV/m] **26.15**



Band n41 RF Interference Potential Test Report

Hardware Setup

Probe | Calibration Date EF3DV3 - SN4041 | March 04, 2025
DAE | Calibration Date DAE4 Sn1784 | April 09, 2025
Software Version 1.2.6.2199

Communication Systems

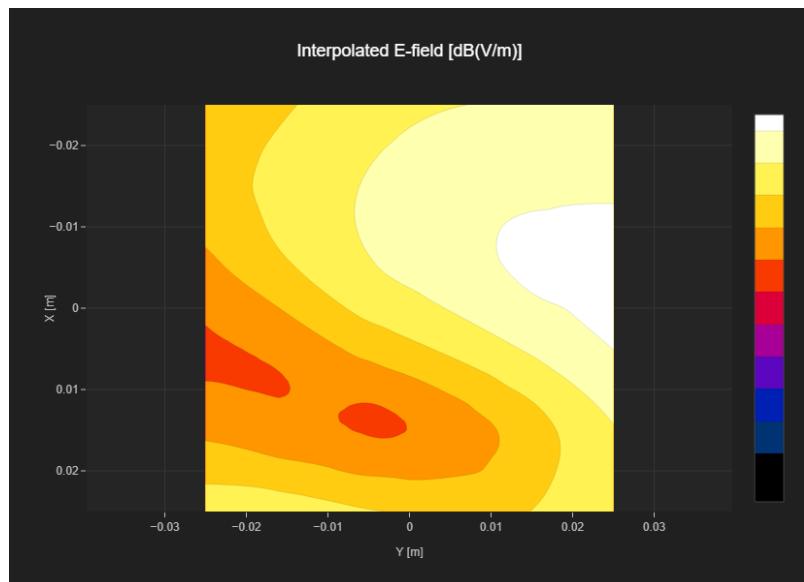
MIF 1.44
Channel | Frequency [MHz] 518598 | 2592.99
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	21.04	Eavg 50x50 Max [dBV/m]	17.48
Drift [dB]	0.39	RFail [dBV/m]	18.92



Band n41 RF Interference Potential Test Report

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Software Version 1.2.6.2199

Communication Systems

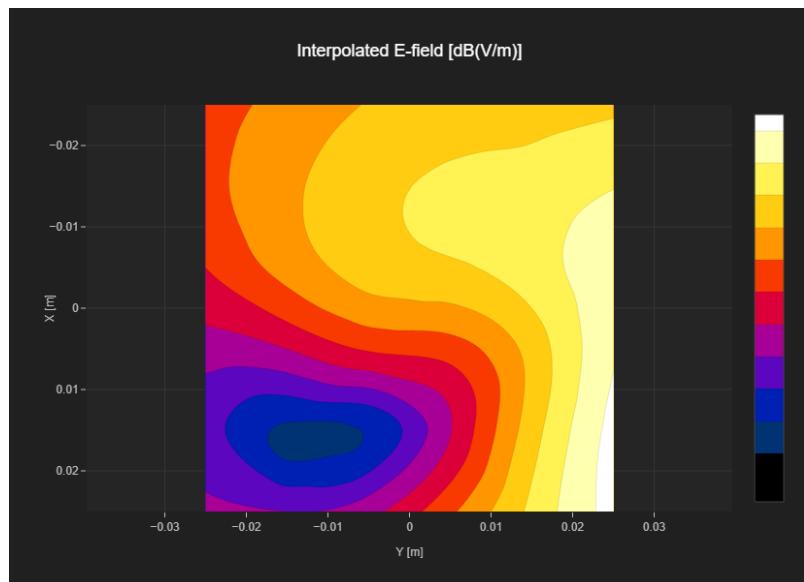
MIF 1.44
Channel | Frequency [MHz] 518598 | 2592.99
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	29.17	Eavg 50x50 Max [dBV/m]	22.8
Drift [dB]	-0.11	RFail [dBV/m]	24.24



Band n41 RF Interference Potential Test Report

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Communication Systems

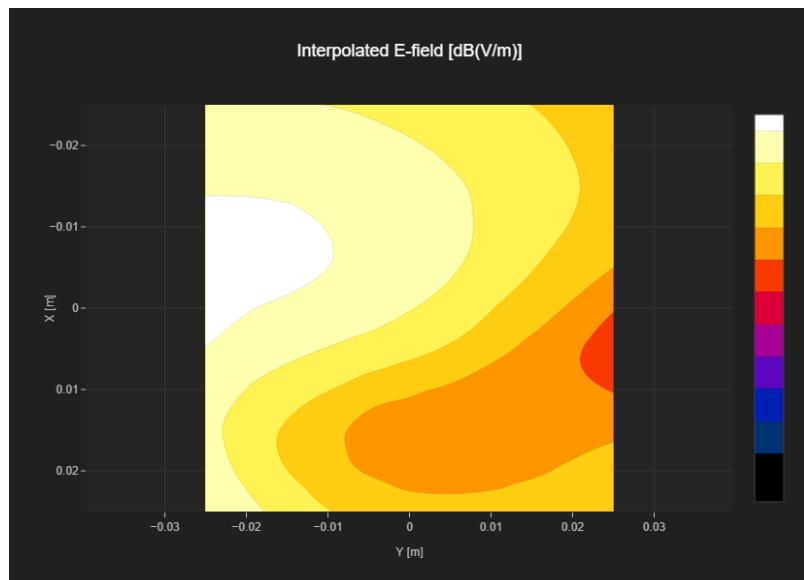
MIF 1.44
Channel | Frequency [MHz] 518598 | 2592.99
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	23.33	Eavg 50x50 Max [dBV/m]	19.98
Drift [dB]	0.16	RFail [dBV/m]	21.42



Band n77 RF Interference Potential Test Report

Hardware Setup

Probe | Calibration Date EF3DV3 - SN4041 | March 04, 2025
DAE | Calibration Date DAE4 Sn1784 | April 09, 2025
Software Version 1.2.6.2199

Communication Systems

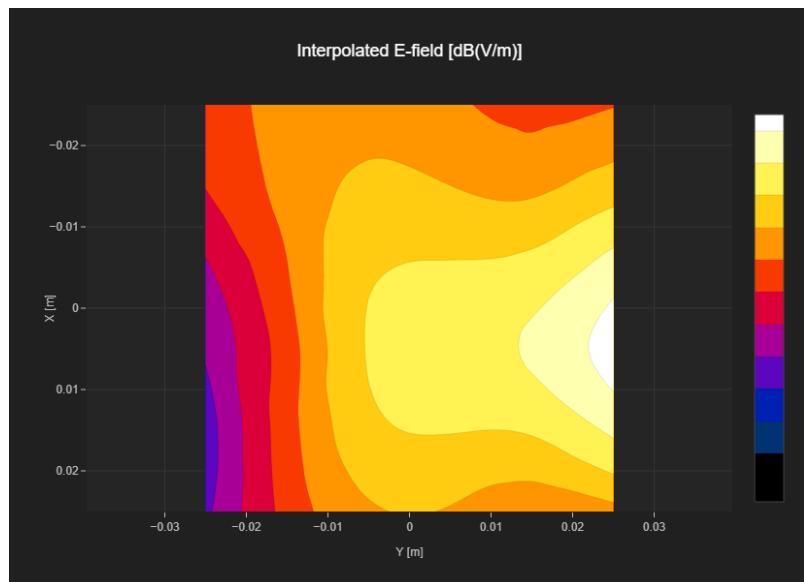
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	36.37	Eavg 50x50 Max [dBV/m]	30.85
Drift [dB]	-0.03	RFail [dBV/m]	32.29



Band n77 RF Interference Potential Test Report

Hardware Setup

Probe | Calibration Date EF3DV3 - SN4041 | March 04, 2025
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Software Version 1.2.6.2199

Communication Systems

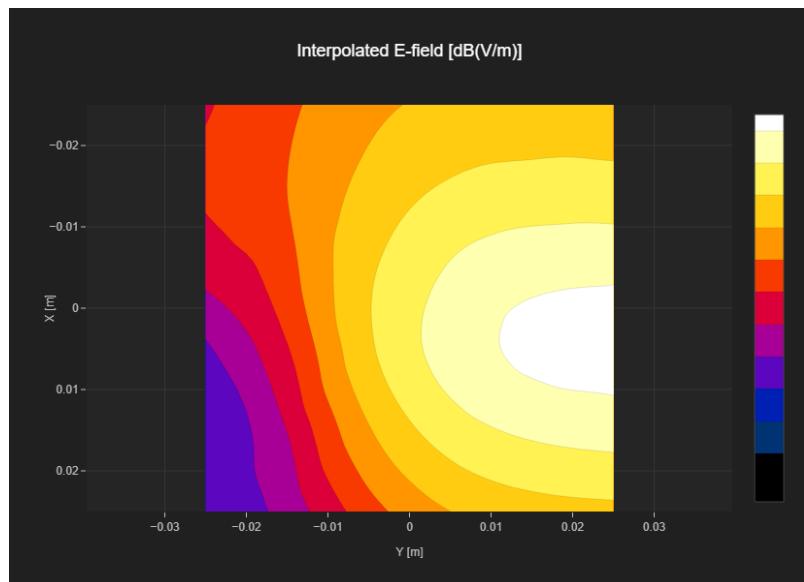
MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	37.09	Eavg 50x50 Max [dBV/m]	32.31
Drift [dB]	0.05	RFail [dBV/m]	33.75



Band n77 RF Interference Potential Test Report

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Communication Systems

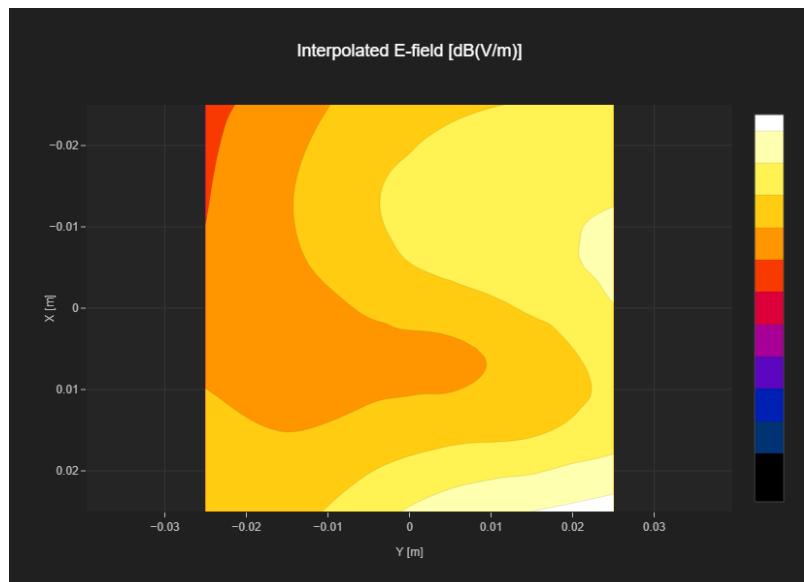
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	27.93	Eavg 50x50 Max [dBV/m]	23.27
Drift [dB]	-0.25	RFail [dBV/m]	24.71



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Communication Systems

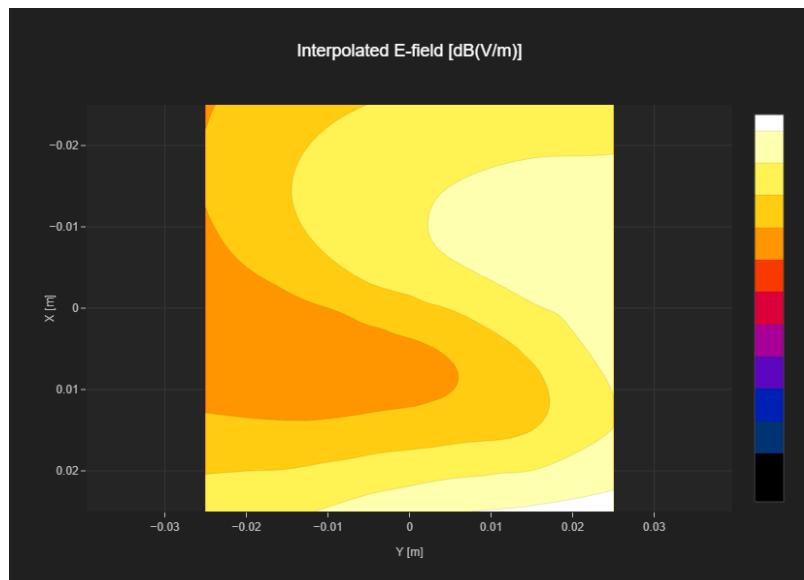
MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	29.59	Eavg 50x50 Max [dBV/m]	25.78
Drift [dB]	0.07	RFail [dBV/m]	27.22



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Communication Systems

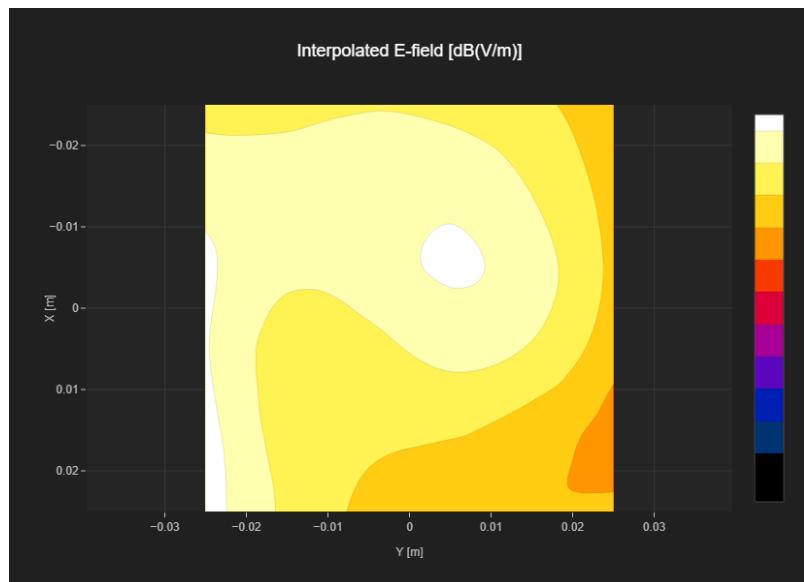
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	35.06	Eavg 50x50 Max [dBV/m]	32.87
Drift [dB]	-0.08	RFail [dBV/m]	34.31



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Communication Systems

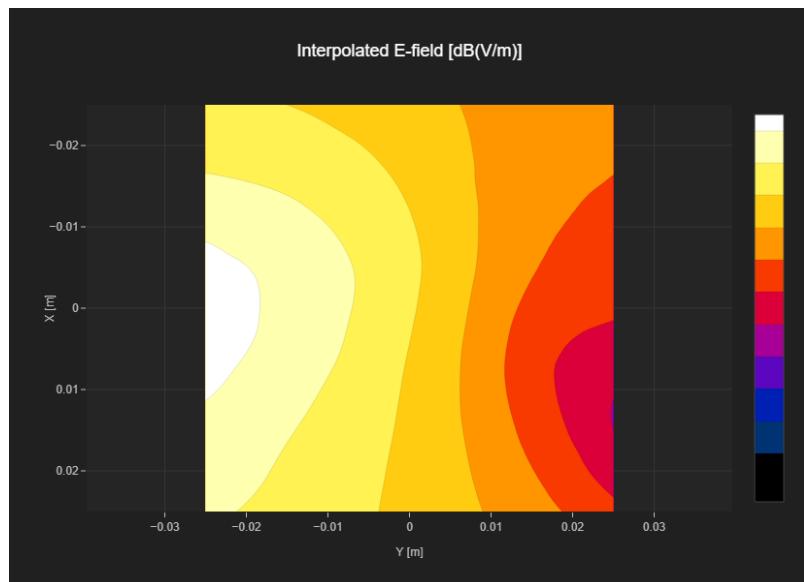
MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	36.76	Eavg 50x50 Max [dBV/m]	32.37
Drift [dB]	-0.24	RFail [dBV/m]	33.81



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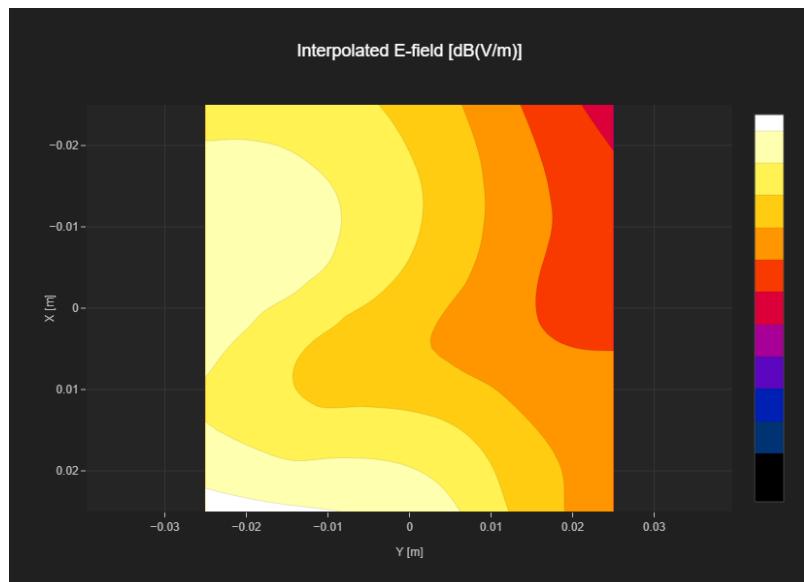
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	32.55	Eavg 50x50 Max [dBV/m]	28.33
Drift [dB]	-0.05	RFail [dBV/m]	29.77



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MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	29.54	Eavg 50x50 Max [dBV/m]	25.23
Drift [dB]	0.0	RFail [dBV/m]	26.67

