

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

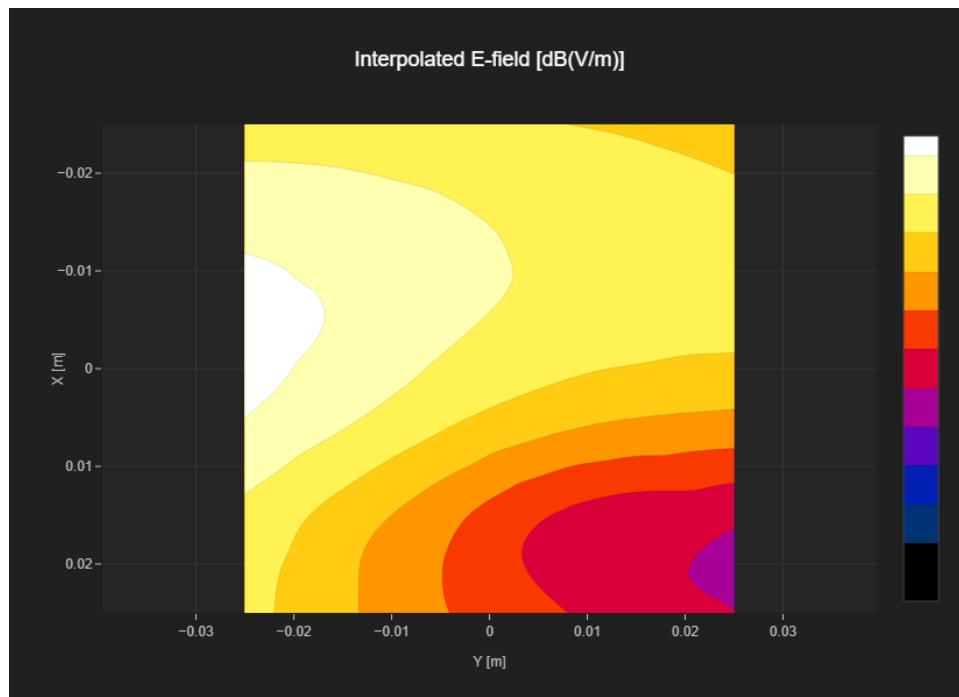
MIF 3.8
Channel | Frequency [MHz] 512 | 1850.2
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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]	26.56	Eavg 50x50 Max [dBV/m]	22.55
Drift [dB]	-0.0	RFail [dBV/m]	26.35



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Communication Systems

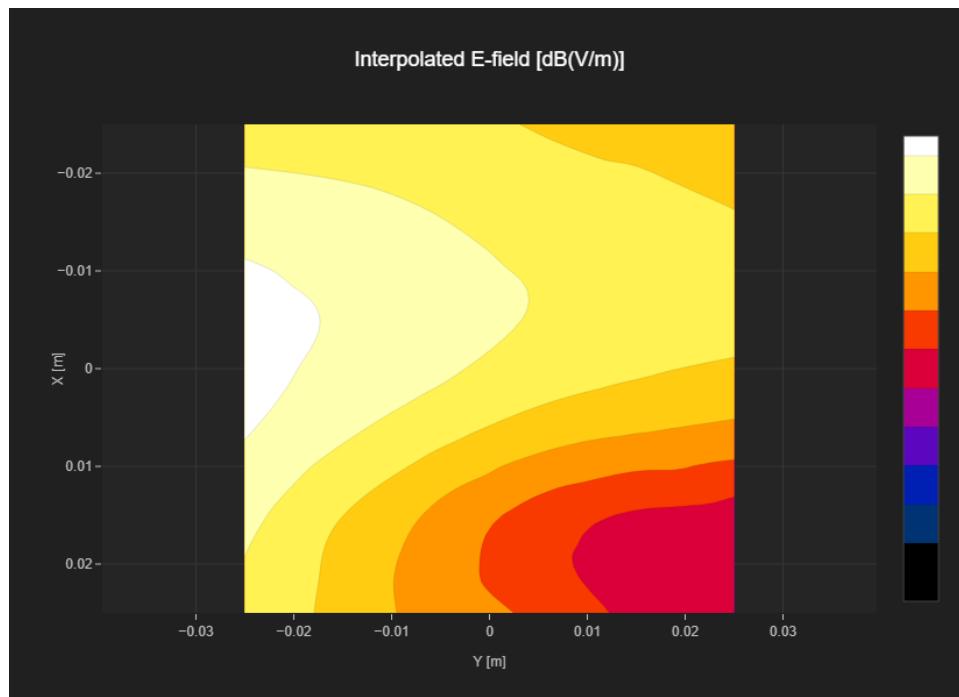
MIF 3.8
Channel | Frequency [MHz] 661 | 1880.0
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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] **27.12** Eavg 50x50 Max [dBV/m] **23.3**
Drift [dB] **-0.0** RFail [dBV/m] **27.1**



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Communication Systems

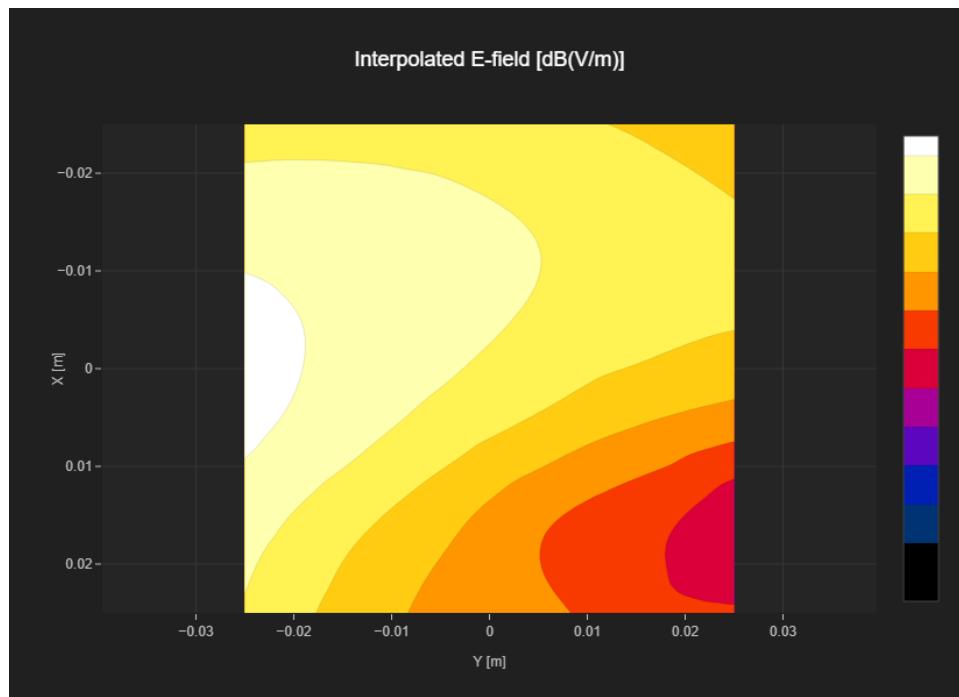
MIF 3.8
Channel | Frequency [MHz] 810 | 1909.8
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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]	27.41	Eavg 50x50 Max [dBV/m]	23.84
Drift [dB]	-0.14	RFail [dBV/m]	27.64



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Communication Systems

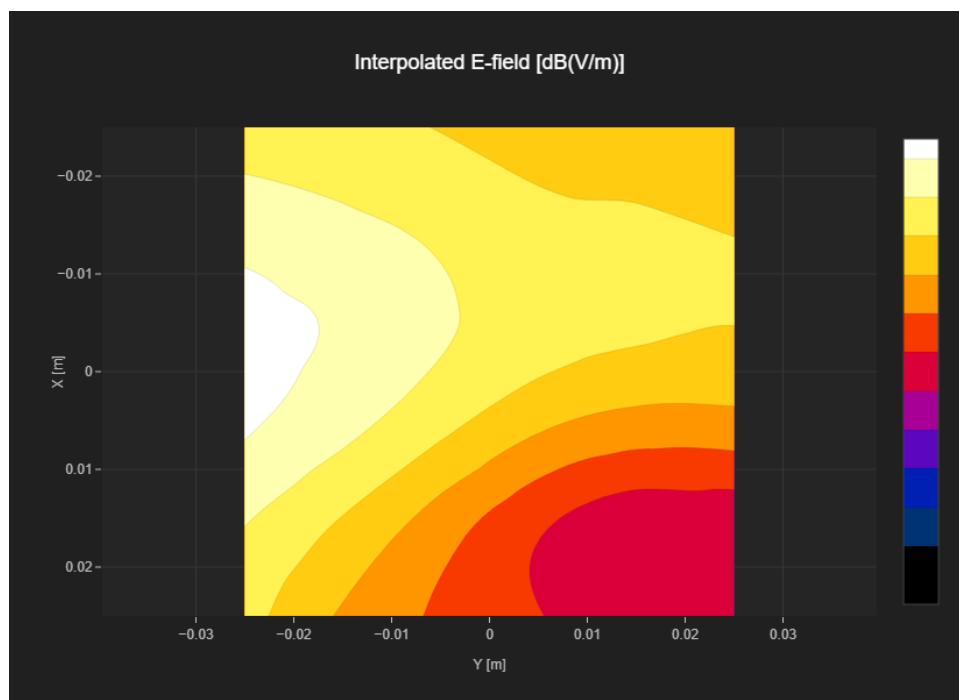
MIF 1.15
Channel | Frequency [MHz] 512 | 1850.2
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	27.73	Eavg 50x50 Max [dBV/m]	23.47
Drift [dB]	-0.23	RFail [dBV/m]	24.62



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Communication Systems

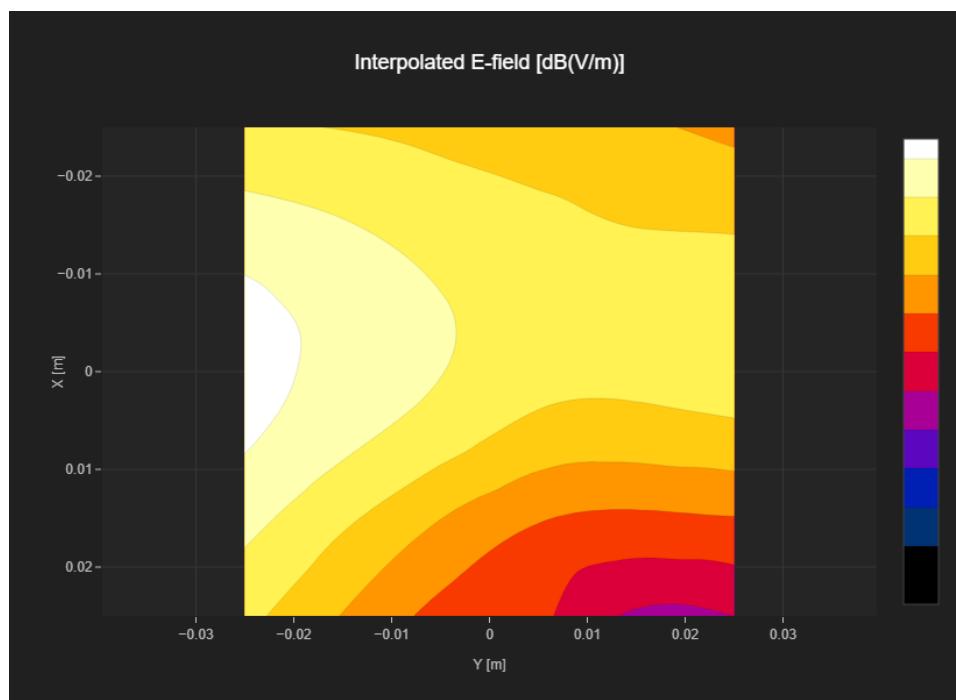
MIF 1.15
Channel | Frequency [MHz] 661 | 1880.0
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	27.29	Eavg 50x50 Max [dBV/m]	23.32
Drift [dB]	0.26	RFail [dBV/m]	24.47



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Communication Systems

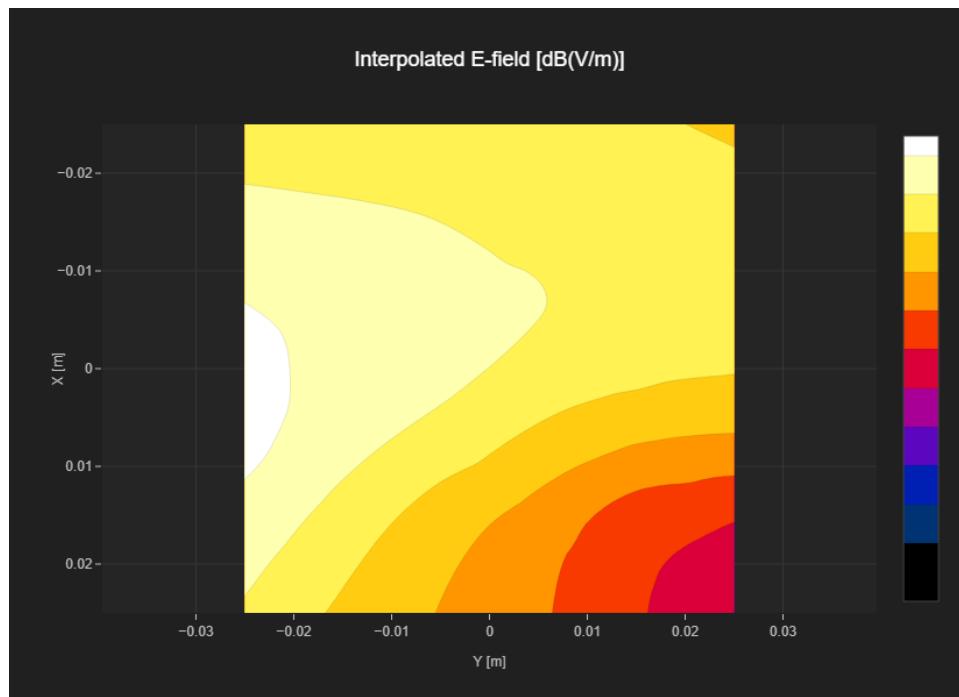
MIF 1.15
Channel | Frequency [MHz] 810 | 1909.8
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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		

Results

Emax [dBV/m]	27.21	Eavg 50x50 Max [dBV/m]	23.74
Drift [dB]	0.31	RFail [dBV/m]	24.89



Band n41 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

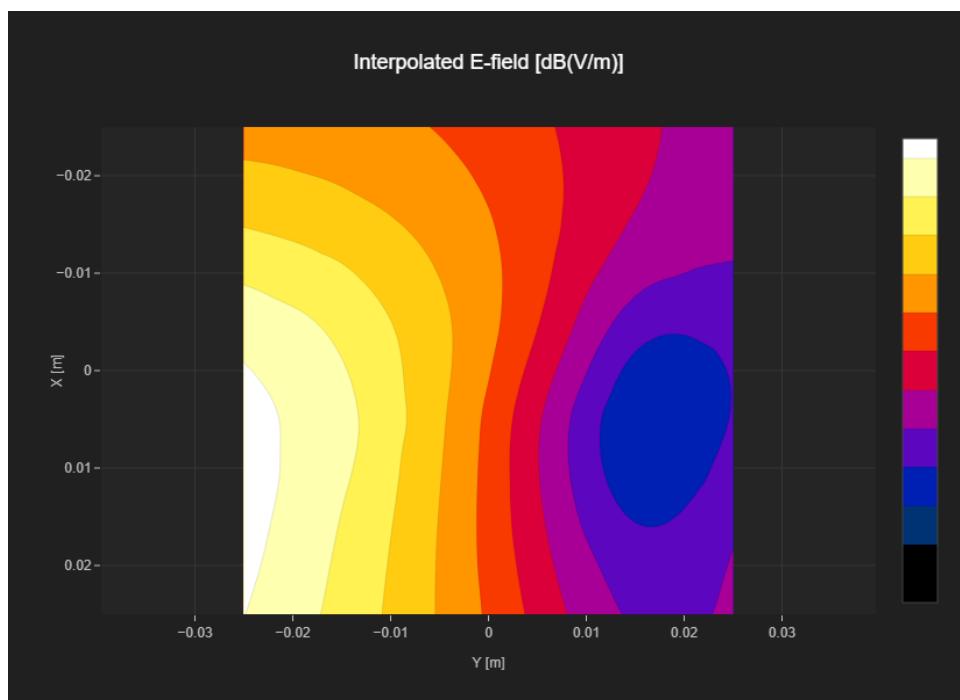
MIF 1.44
Channel | Frequency [MHz] 518598 | 2592.99
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	35.37	Eavg 50x50 Max [dBV/m]	28.39
Drift [dB]	-0.12	RFail [dBV/m]	29.83



Band n41 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

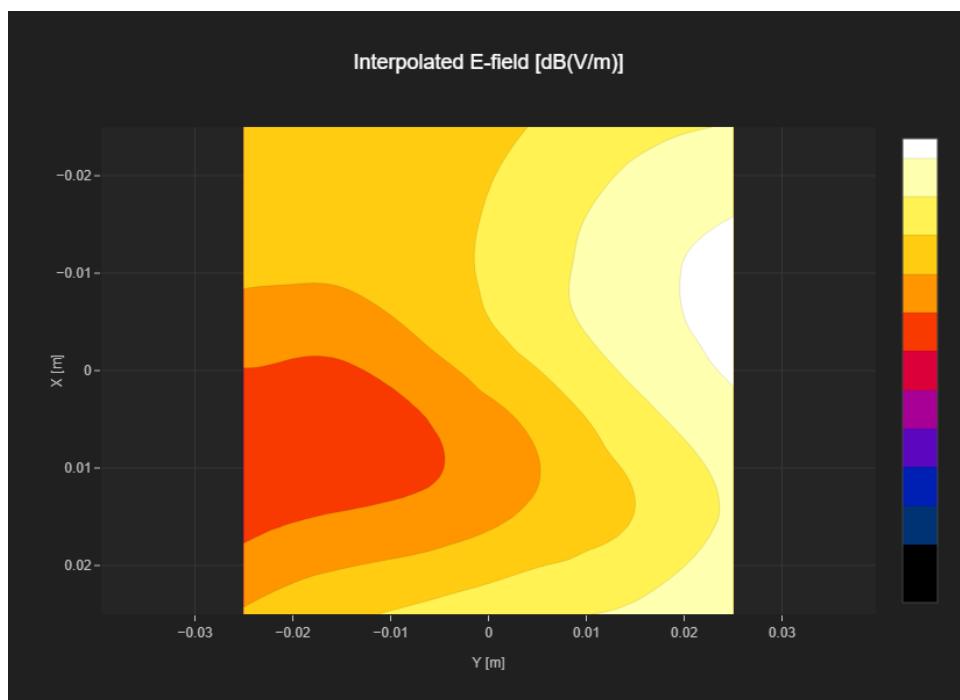
MIF 1.44
Channel | Frequency [MHz] 518598 | 2592.99
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	24.56	Eavg 50x50 Max [dBV/m]	20.19
Drift [dB]	0.22	RFail [dBV/m]	21.63



Band n41 RF Interference Potential Test Report

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Software Version 1.2.6.2199

Communication Systems

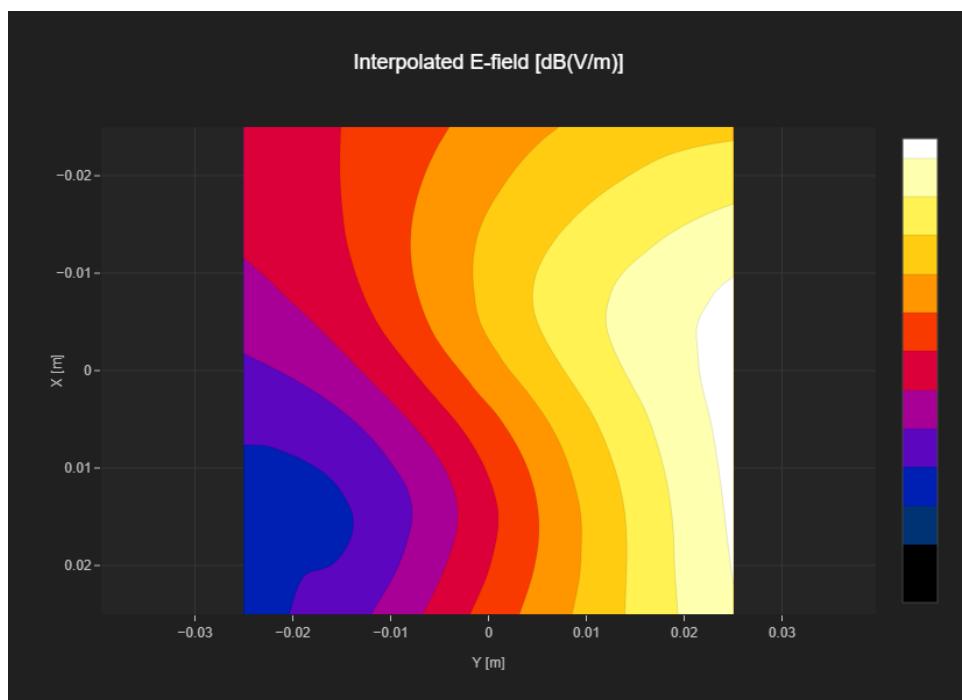
MIF 1.44
Channel | Frequency [MHz] 518598 | 2592.99
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	31.36	Eavg 50x50 Max [dBV/m]	24.97
Drift [dB]	-0.14	RFail [dBV/m]	26.41



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Communication Systems

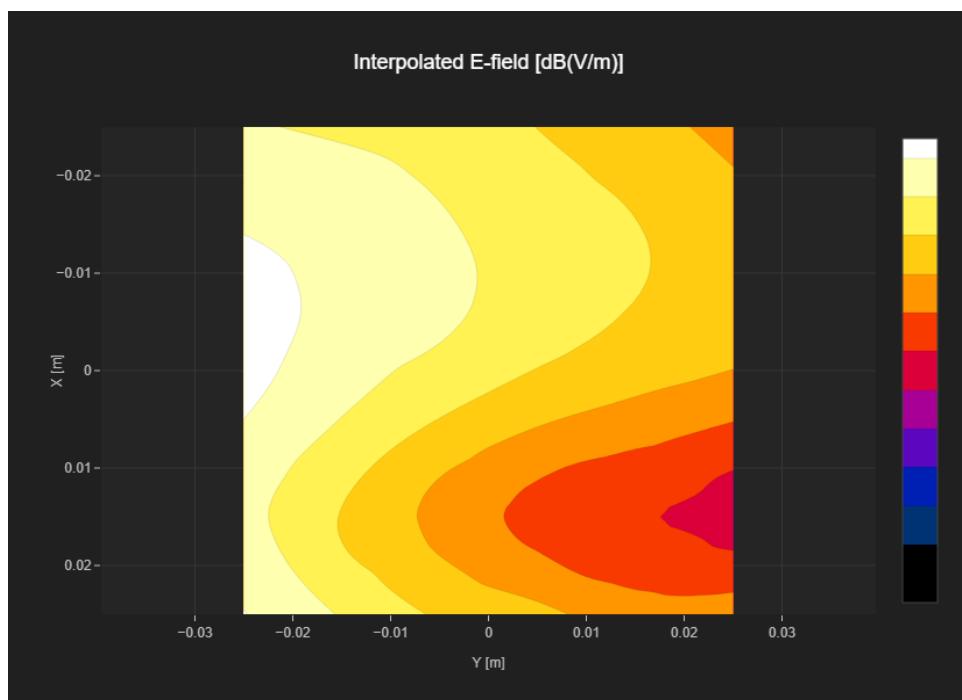
MIF 1.44
Channel | Frequency [MHz] 518598 | 2592.99
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	25.87	Eavg 50x50 Max [dBV/m]	21.89
Drift [dB]	0.16	RFail [dBV/m]	23.33



Band n77 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

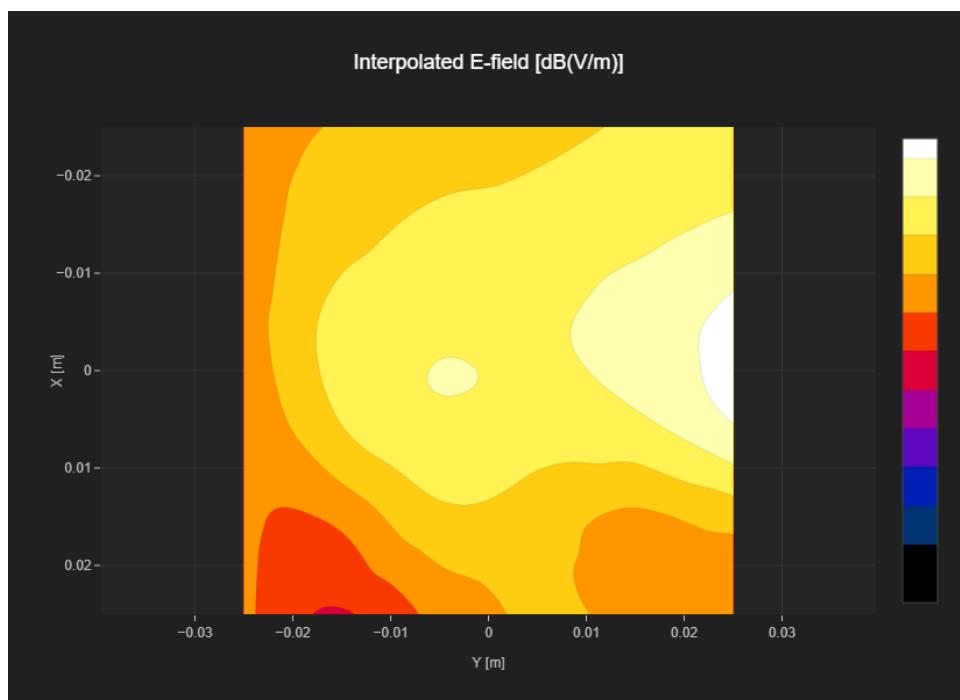
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	32.35	Eavg 50x50 Max [dBV/m]	28.16
Drift [dB]	-0.09	RFail [dBV/m]	29.6



Band n77 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

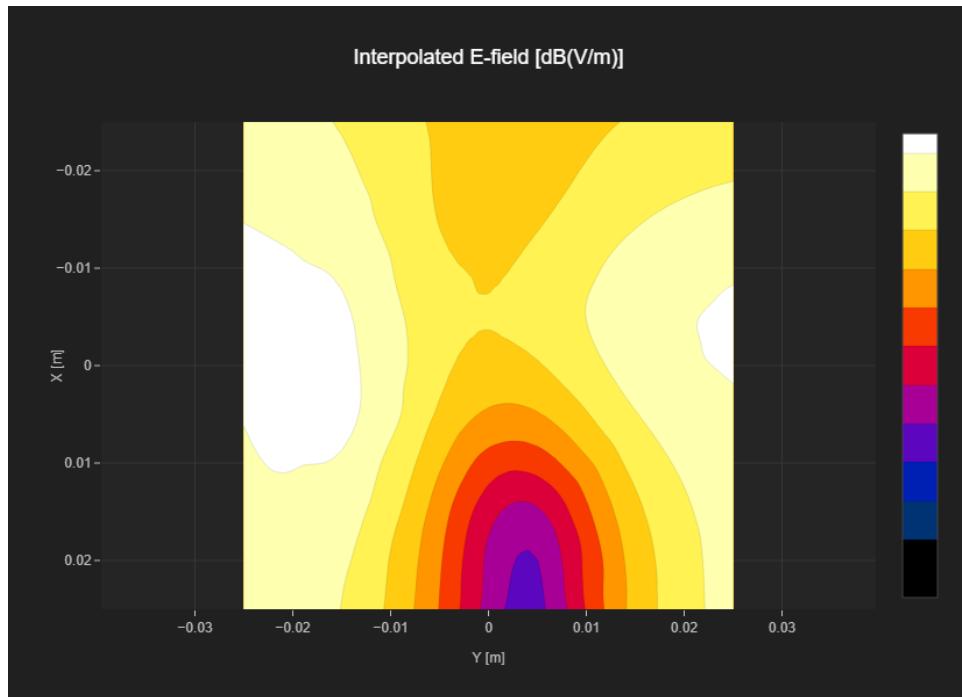
MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	31.91	Eavg 50x50 Max [dBV/m]	28.77
Drift [dB]	-0.02	RFail [dBV/m]	30.21



Band n77 RF Interference Potential Test Report

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Communication Systems

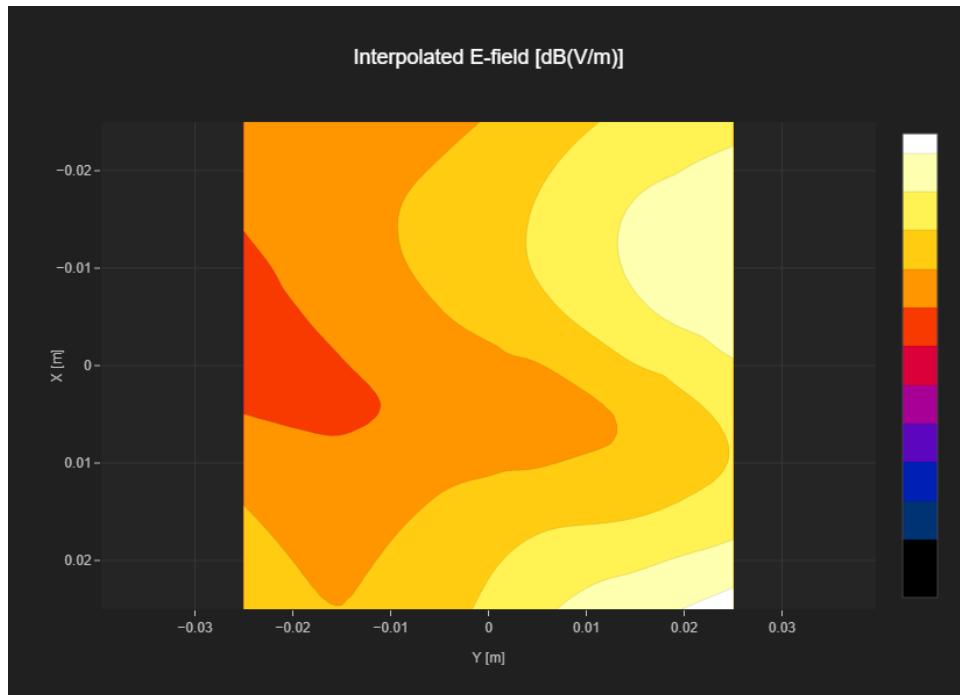
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	30.96	Eavg 50x50 Max [dBV/m]	25.94
Drift [dB]	0.27	RFail [dBV/m]	27.38



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Communication Systems

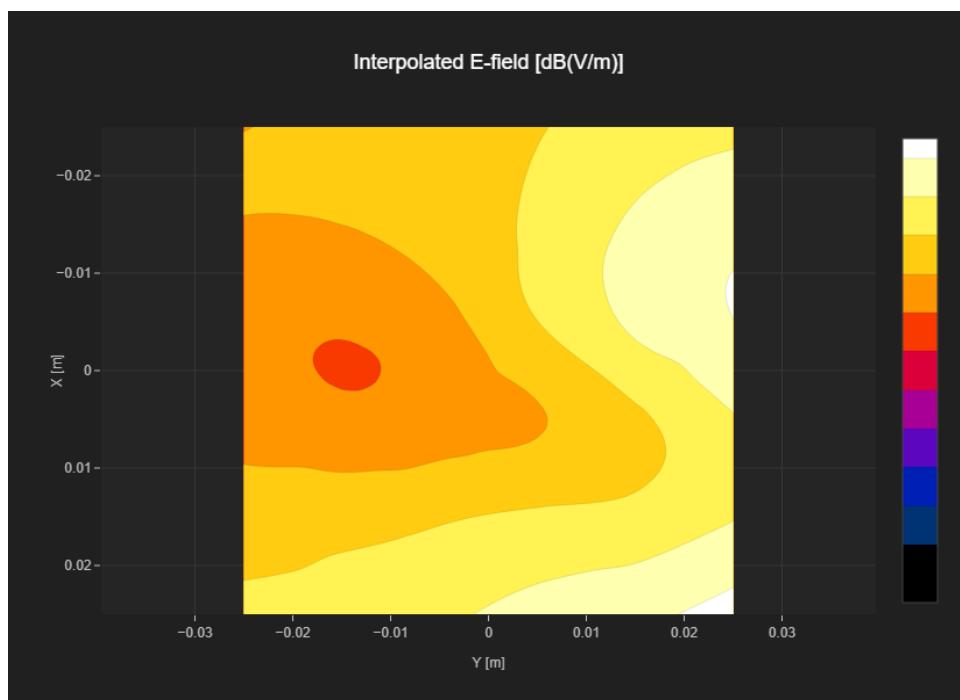
MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	29.73	Eavg 50x50 Max [dBV/m]	25.4
Drift [dB]	0.13	RFail [dBV/m]	26.84



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Communication Systems

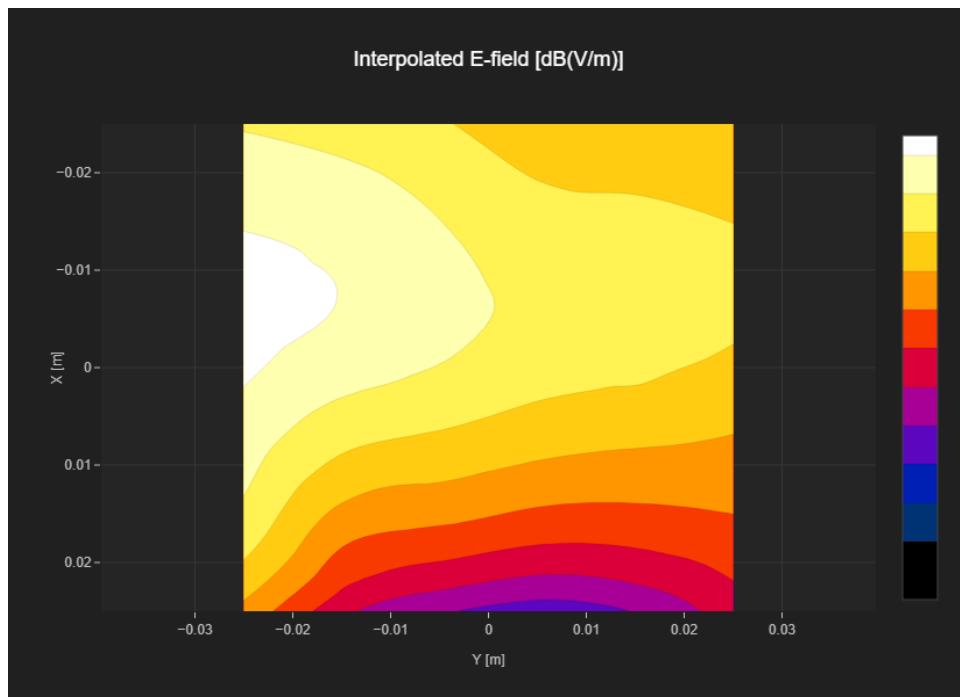
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	33.65	Eavg 50x50 Max [dBV/m]	29.47
Drift [dB]	-0.02	RFail [dBV/m]	30.91



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Communication Systems

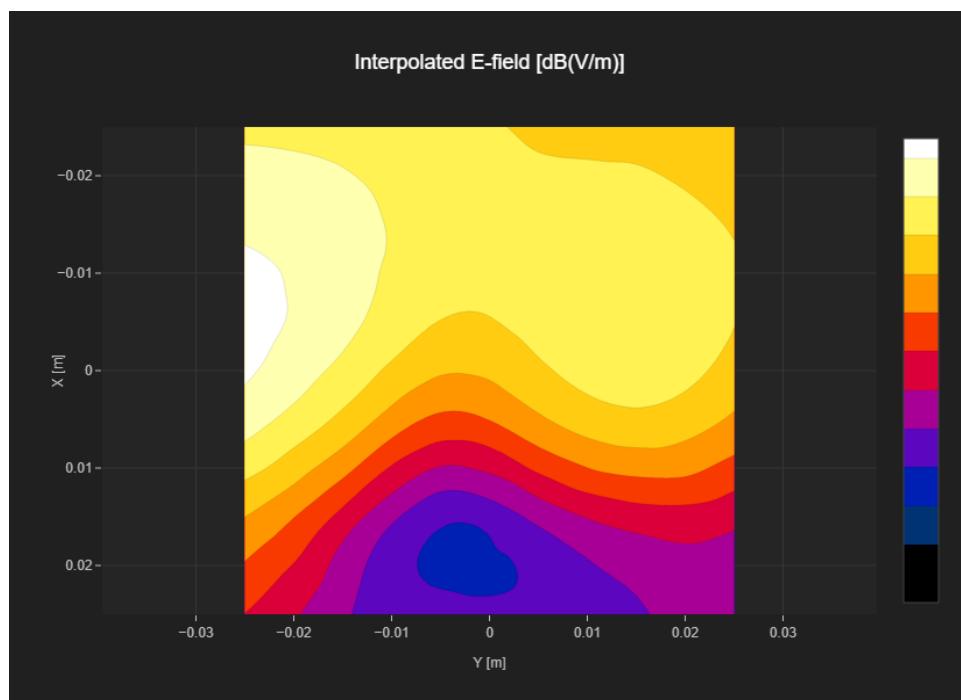
MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	35.1	Eavg 50x50 Max [dBV/m]	29.84
Drift [dB]	0.2	RFail [dBV/m]	31.28



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Communication Systems

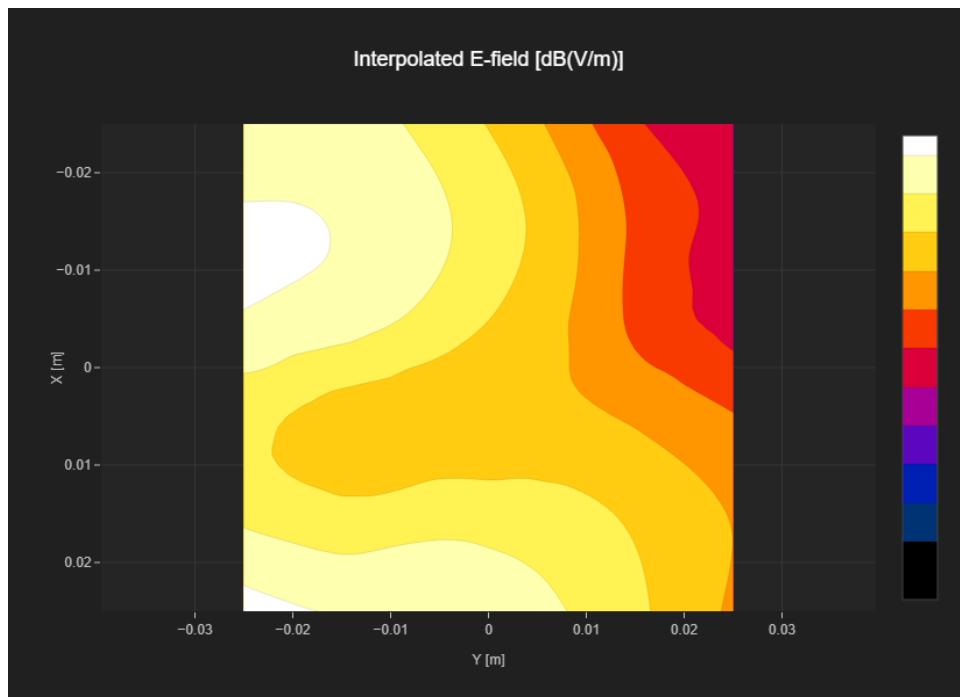
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, π/2 BPSK, 30 kHz)

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]	32.14	Eavg 50x50 Max [dBV/m]	28.15
Drift [dB]	0.28	RFail [dBV/m]	29.59



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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]	29.48	Eavg 50x50 Max [dBV/m]	24.09
Drift [dB]	0.15	RFail [dBV/m]	25.53

