

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

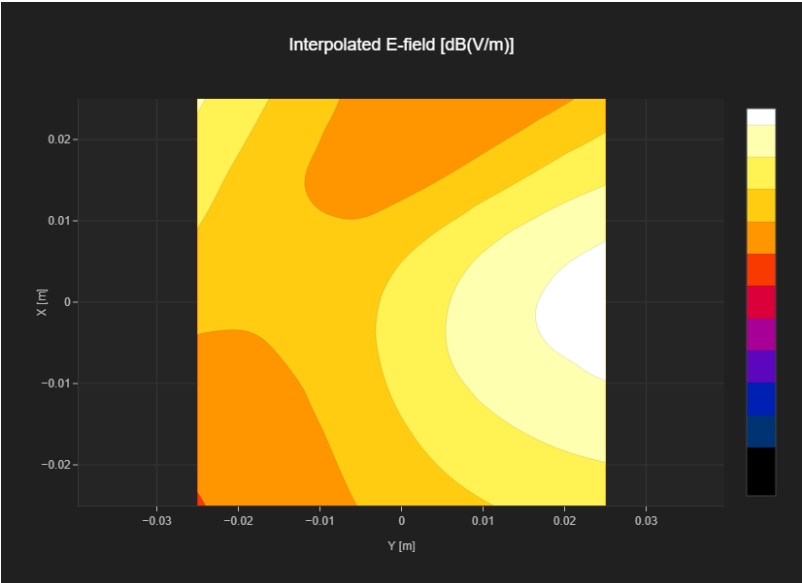
MIF	3.8
Channel Frequency [MHz]	512 1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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]	23.45	Eavg 50x50 Max [dBV/m]	20.92
Drift [dB]	-0.02	RFail [dBV/m]	24.72



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Communication Systems

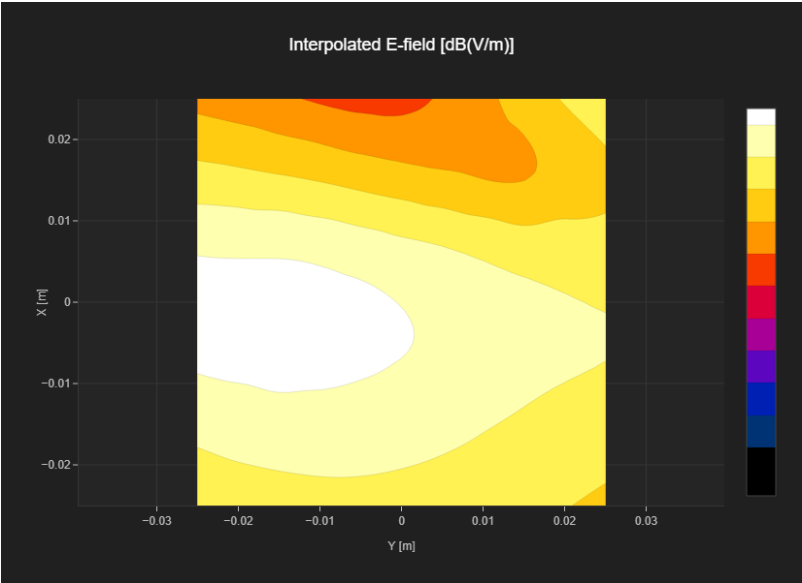
MIF	3.8
Channel Frequency [MHz]	661 1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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]	23.74	Eavg 50x50 Max [dBV/m]	21.1
Drift [dB]	-0.06	RFail [dBV/m]	24.9



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Communication Systems

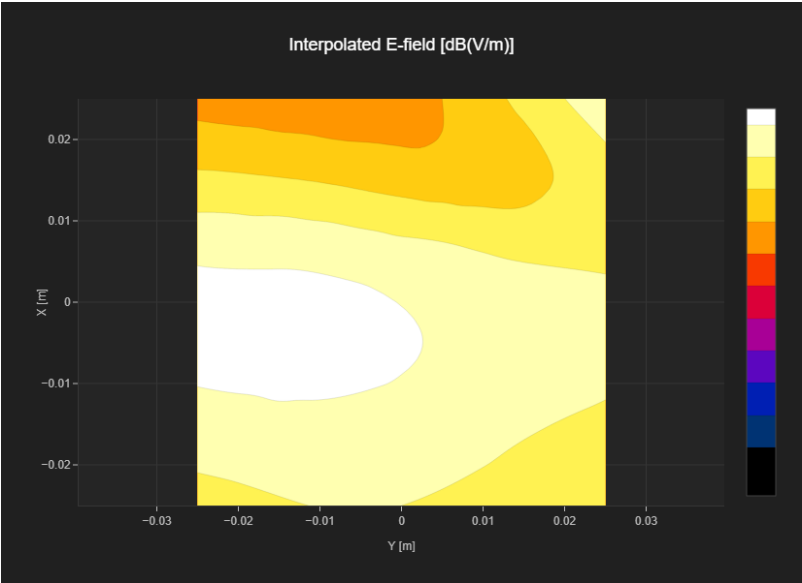
MIF	3.8
Channel Frequency [MHz]	810 1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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]	23.22	Eavg 50x50 Max [dBV/m]	20.88
Drift [dB]	0.08	RFail [dBV/m]	24.68



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Communication Systems

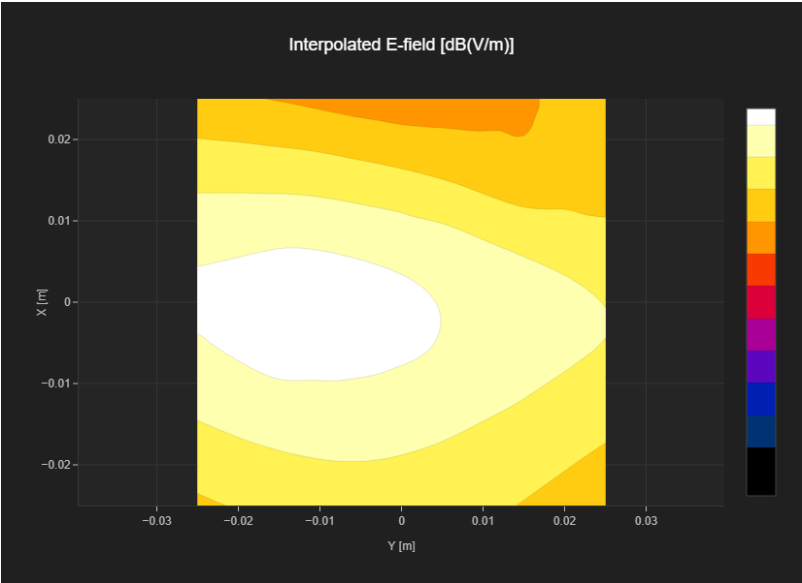
MIF	1.15
Channel Frequency [MHz]	512 1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	25.58	Eavg 50x50 Max [dBV/m]	23.1
Drift [dB]	0.1	RFail [dBV/m]	24.25



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Communication Systems

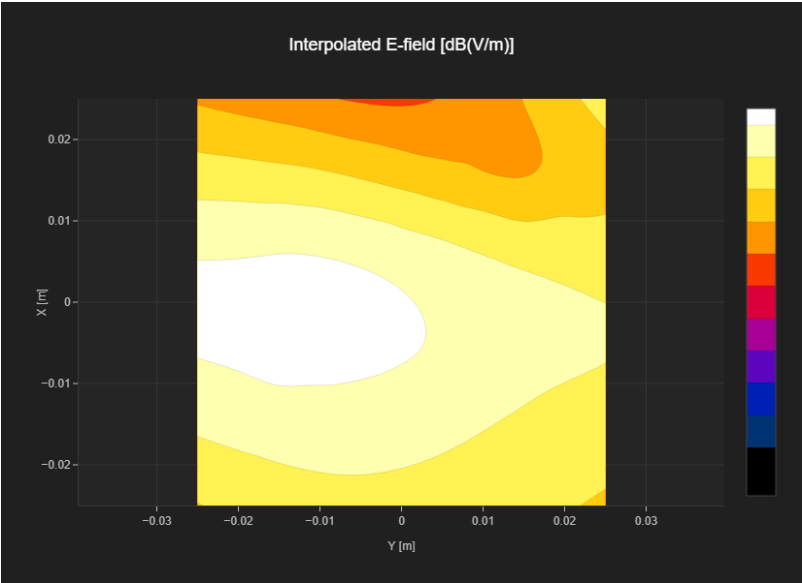
MIF	1.15
Channel Frequency [MHz]	661 1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	25.76	Eavg 50x50 Max [dBV/m]	23.18
Drift [dB]	0.03	RFail [dBV/m]	24.33



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Communication Systems

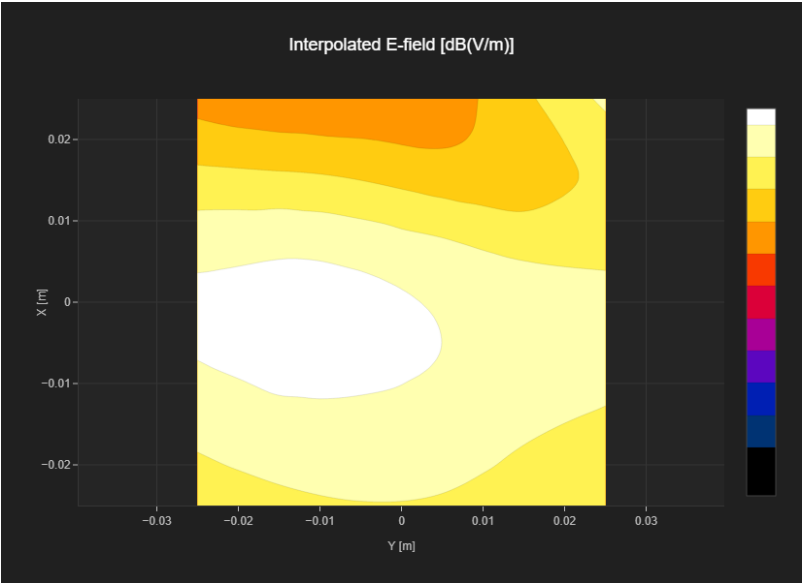
MIF	1.15
Channel Frequency [MHz]	810 1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	25.17	Eavg 50x50 Max [dBV/m]	22.83
Drift [dB]	-0.03	RFail [dBV/m]	23.98



Band n41 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

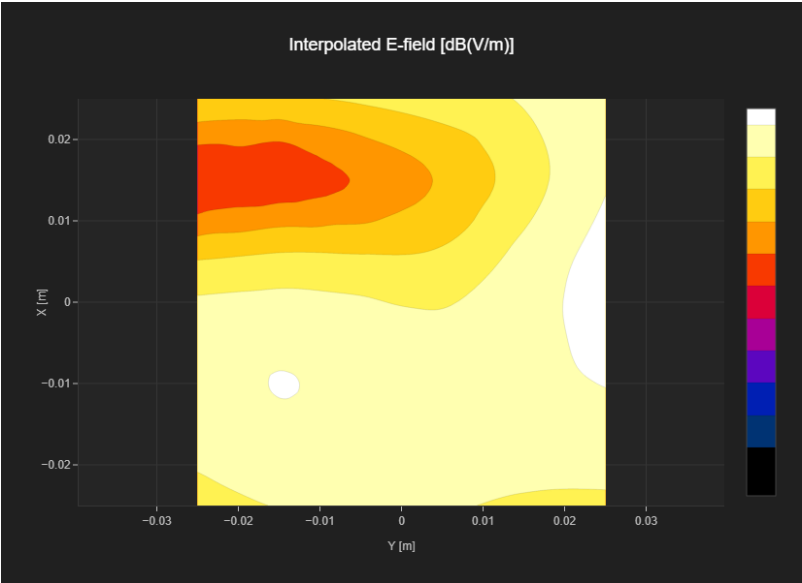
MIF	1.14
Channel Frequency [MHz]	518598 2592.99
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	22.53	Eavg 50x50 Max [dBV/m]	20.57
Drift [dB]	-0.12	RFail [dBV/m]	21.71



Band n41 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

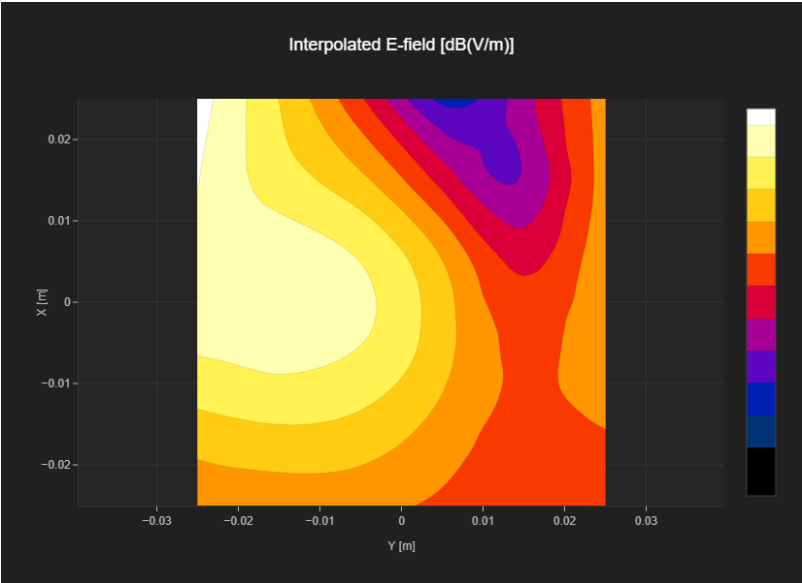
MIF	1.14
Channel Frequency [MHz]	518598 2592.99
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	28.56	Eavg 50x50 Max [dBV/m]	24.43
Drift [dB]	0.12	RFail [dBV/m]	25.57



PCS 1900 RF Interference Potential Test Report

Hardware Setup

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Software Version	1.2.0.1713

Communication Systems

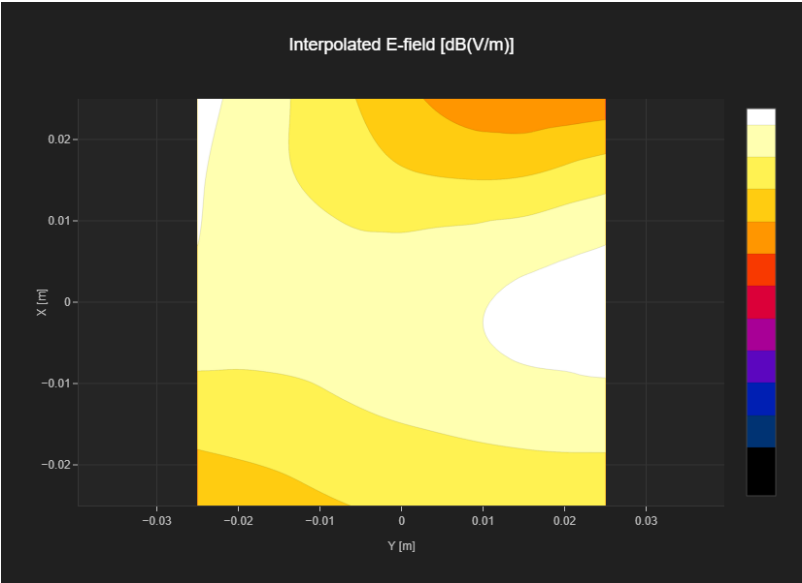
MIF	3.8
Channel Frequency [MHz]	512 1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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]	23.43	Eavg 50x50 Max [dBV/m]	20.99
Drift [dB]	-0.08	RFail [dBV/m]	24.79



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Software Version	1.2.0.1713

Communication Systems

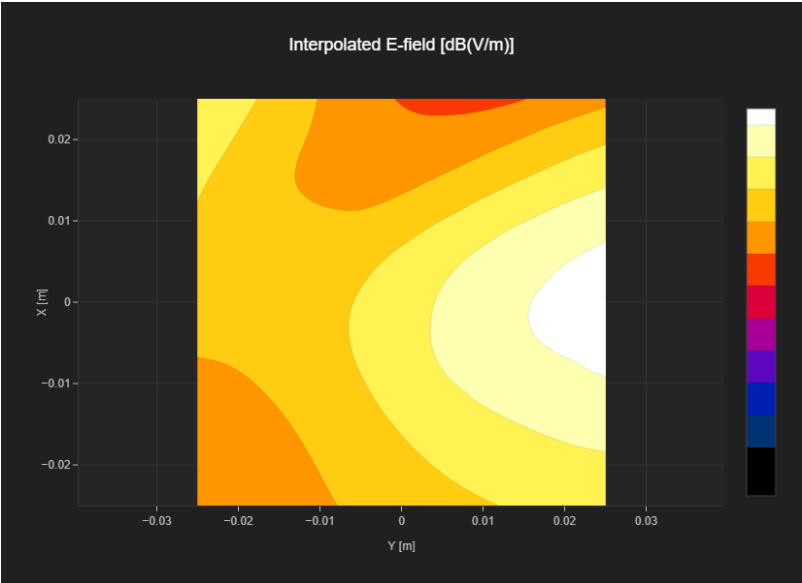
MIF	3.8
Channel Frequency [MHz]	661 1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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]	25.88	Eavg 50x50 Max [dBV/m]	21.78
Drift [dB]	0.04	RFail [dBV/m]	25.58



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Communication Systems

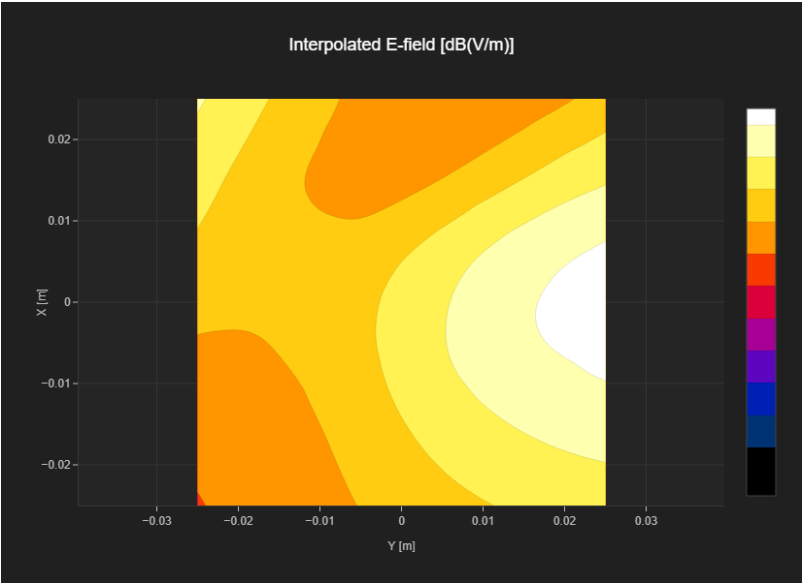
MIF	3.8
Channel Frequency [MHz]	810 1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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]	25.97	Eavg 50x50 Max [dBV/m]	21.77
Drift [dB]	0.05	RFail [dBV/m]	25.57



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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

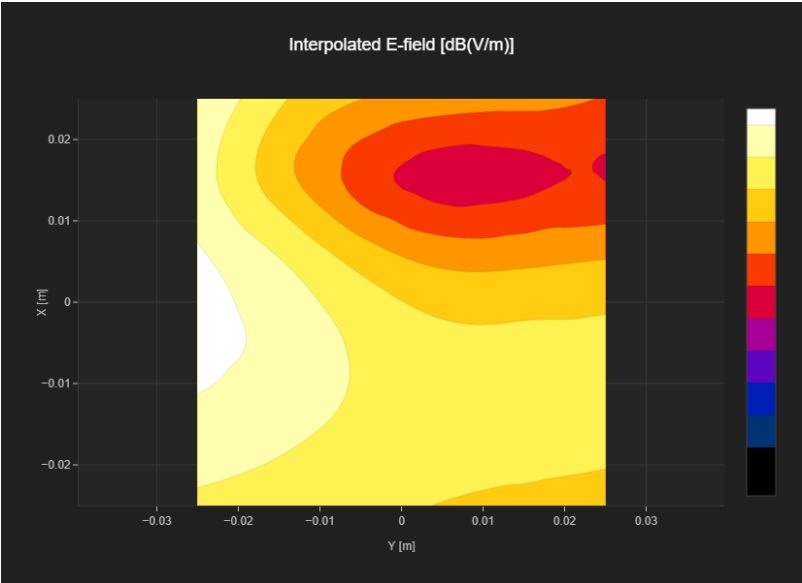
MIF	1.14
Channel Frequency [MHz]	518598 2592.99
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	25.94	Eavg 50x50 Max [dBV/m]	21.74
Drift [dB]	-0.1	RFail [dBV/m]	22.88



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Hardware Setup

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Software Version	1.2.0.1713

Communication Systems

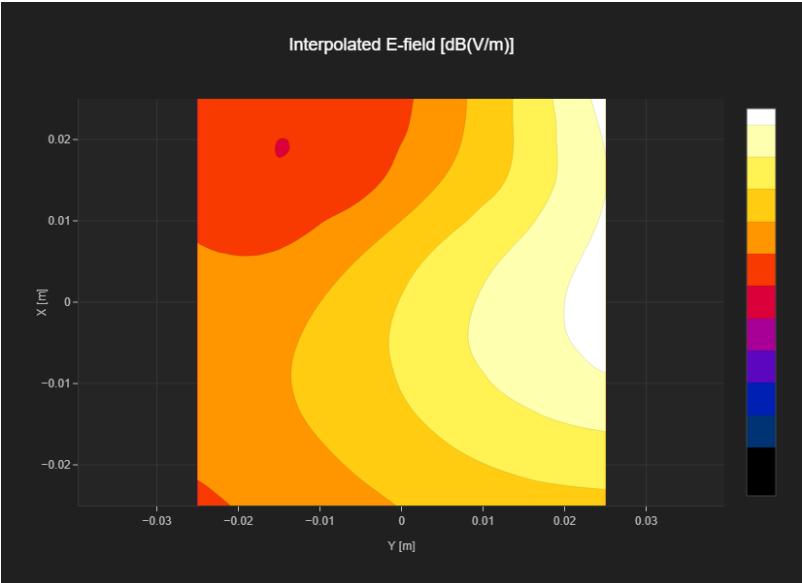
MIF	1.14
Channel Frequency [MHz]	518598 2592.99
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	28.79	Eavg 50x50 Max [dBV/m]	24.05
Drift [dB]	-0.08	RFail [dBV/m]	25.19



Band n77 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

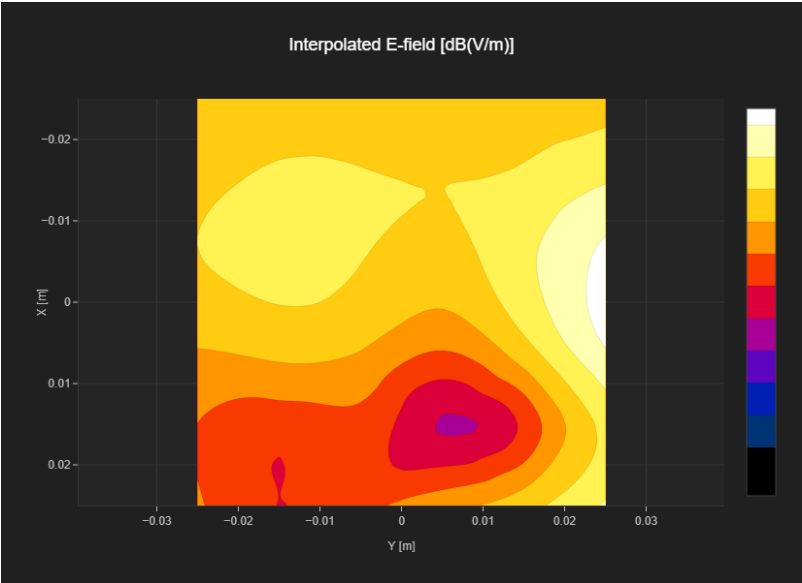
MIF	1.14
Channel Frequency [MHz]	633334 3500.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	23.47	Eavg 50x50 Max [dBV/m]	18.26
Drift [dB]	0.03	RFail [dBV/m]	19.4



Band n77 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

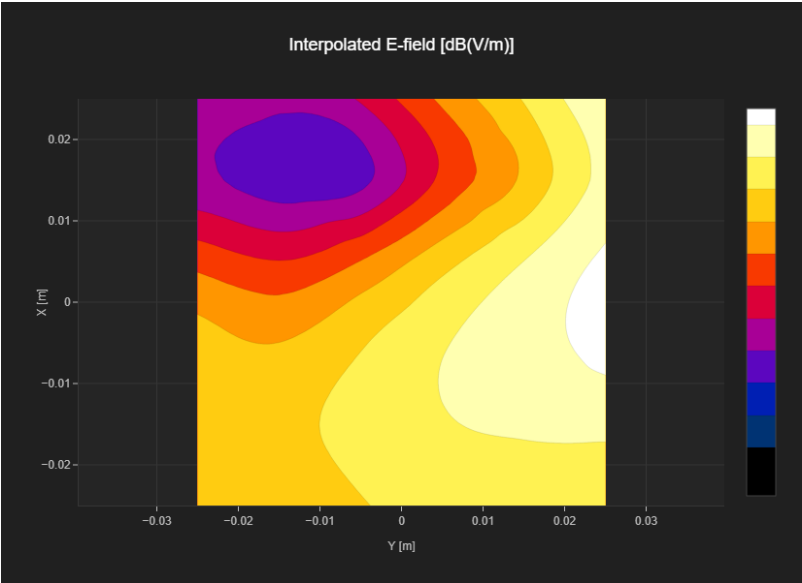
MIF	1.14
Channel Frequency [MHz]	657534 3863.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	23.71	Eavg 50x50 Max [dBV/m]	18.74
Drift [dB]	0.0	RFail [dBV/m]	19.88



Band n77 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

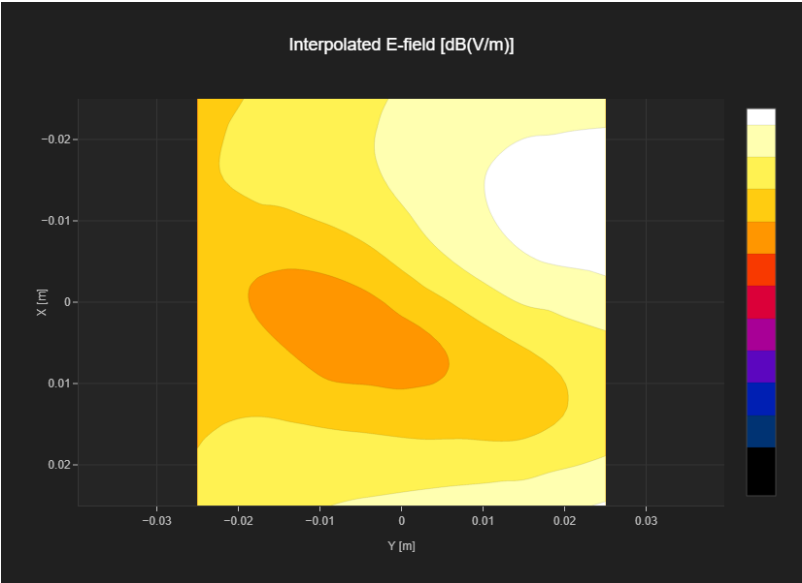
MIF	1.14
Channel Frequency [MHz]	633334 3500.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	24.42	Eavg 50x50 Max [dBV/m]	21.05
Drift [dB]	-0.26	RFail [dBV/m]	22.19



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Communication Systems

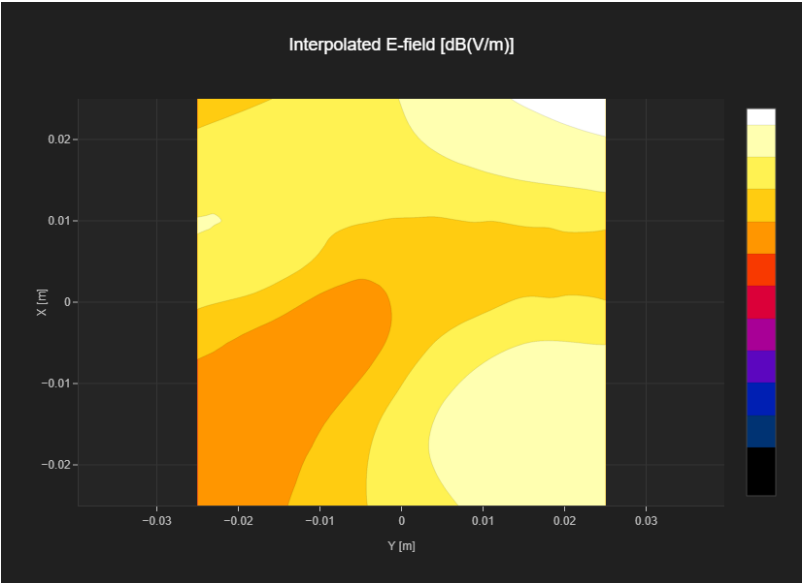
MIF	1.14
Channel Frequency [MHz]	657534 3863.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	21.65	Eavg 50x50 Max [dBV/m]	19.18
Drift [dB]	-0.16	RFail [dBV/m]	20.32



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Communication Systems

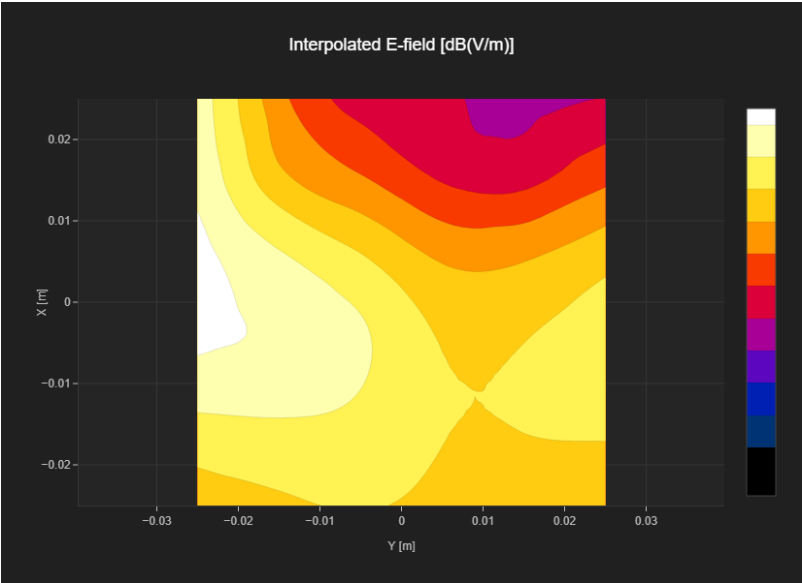
MIF	1.14
Channel Frequency [MHz]	633334 3500.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	26.92	Eavg 50x50 Max [dBV/m]	22.46
Drift [dB]	0.03	RFail [dBV/m]	23.6



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Communication Systems

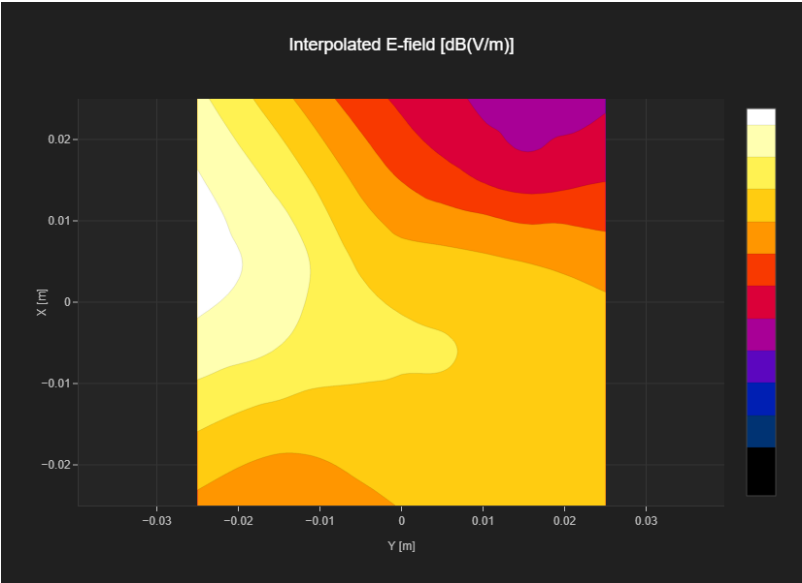
MIF	1.14
Channel Frequency [MHz]	657534 3863.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	25.5	Eavg 50x50 Max [dBV/m]	20.56
Drift [dB]	0.18	RFail [dBV/m]	21.7



Band n77 RF Interference Potential Test Report

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Communication Systems

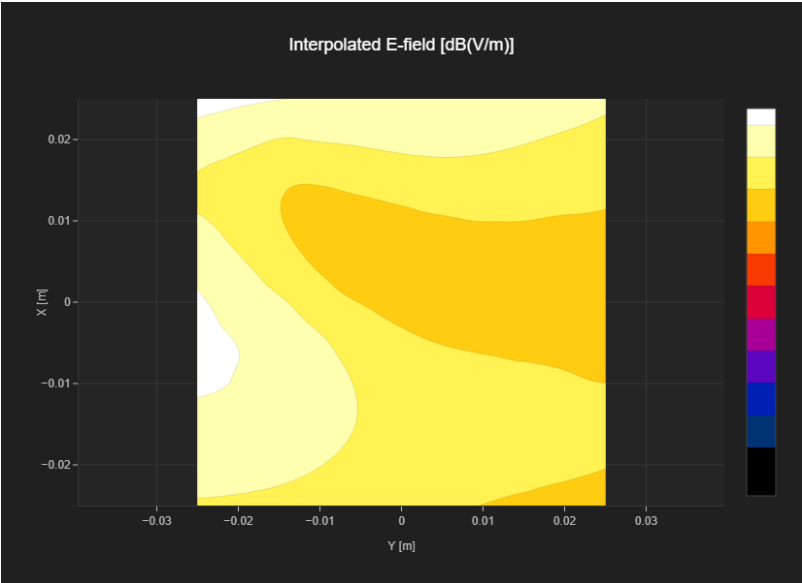
MIF	1.14
Channel Frequency [MHz]	633334 3500.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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]	25.38	Eavg 50x50 Max [dBV/m]	22.25
Drift [dB]	-0.19	RFail [dBV/m]	23.39



Band n77 RF Interference Potential Test Report

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Communication Systems

MIF	1.14
Channel Frequency [MHz]	657534 3863.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 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]	23.21	Eavg 50x50 Max [dBV/m]	18.43
Drift [dB]	0.28	RFail [dBV/m]	19.57

