

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]

26.44

Eavg 50x50 Max [dBV/m]

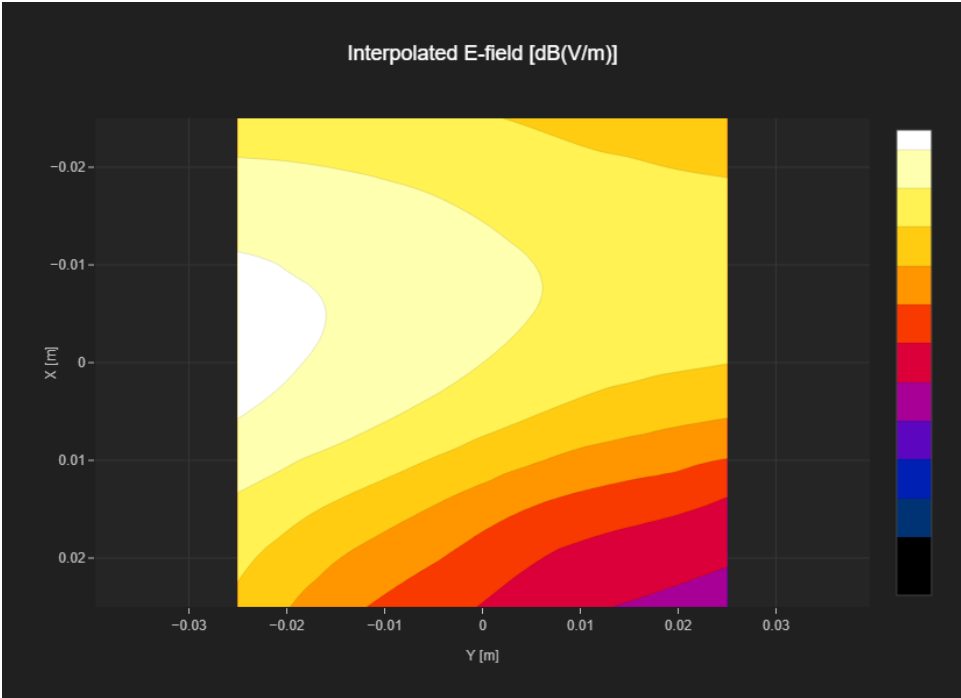
22.69

Drift [dB]

0.32

RFail [dBV/m]

26.49



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Communication Systems

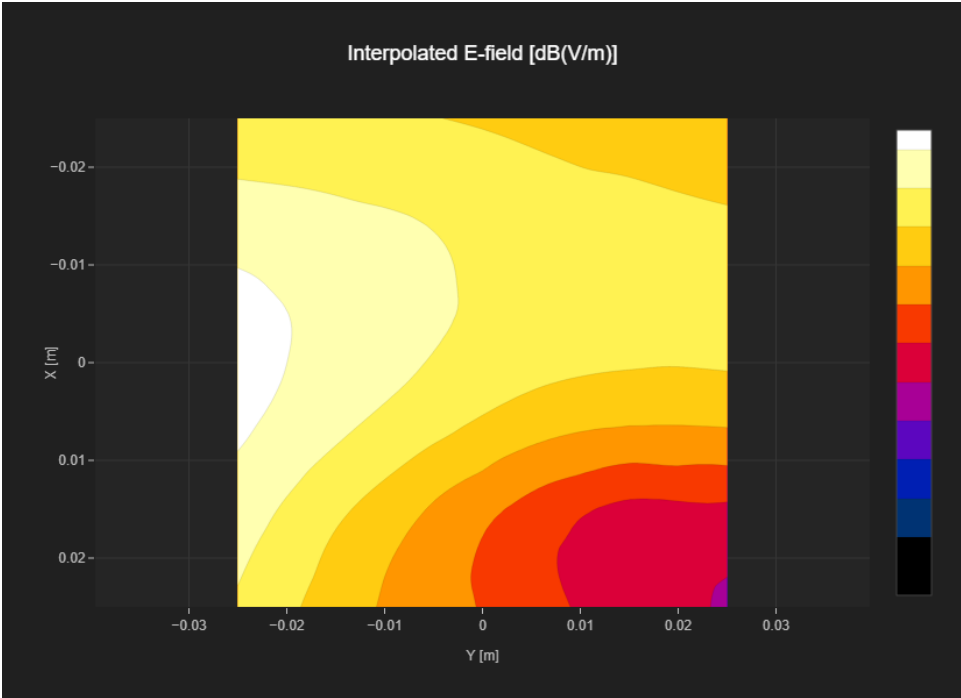
MIF 3.8
Channel | Frequency [MHz] 661 | 1880.0
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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]	26.84	Eavg 50x50 Max [dBV/m]	22.88
Drift [dB]	0.08	RFail [dBV/m]	26.68



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Communication Systems

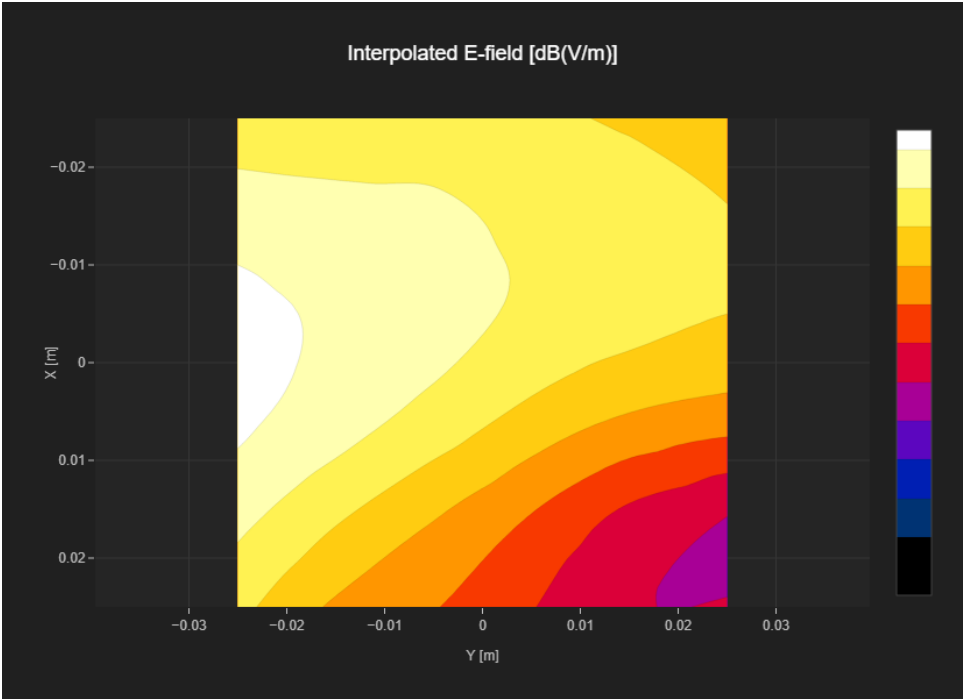
MIF 3.8
Channel | Frequency [MHz] 810 | 1909.8
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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]	26.97	Eavg 50x50 Max [dBV/m]	23.16
Drift [dB]	0.09	RFail [dBV/m]	26.96



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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]

28.13

Eavg 50x50 Max [dBV/m]

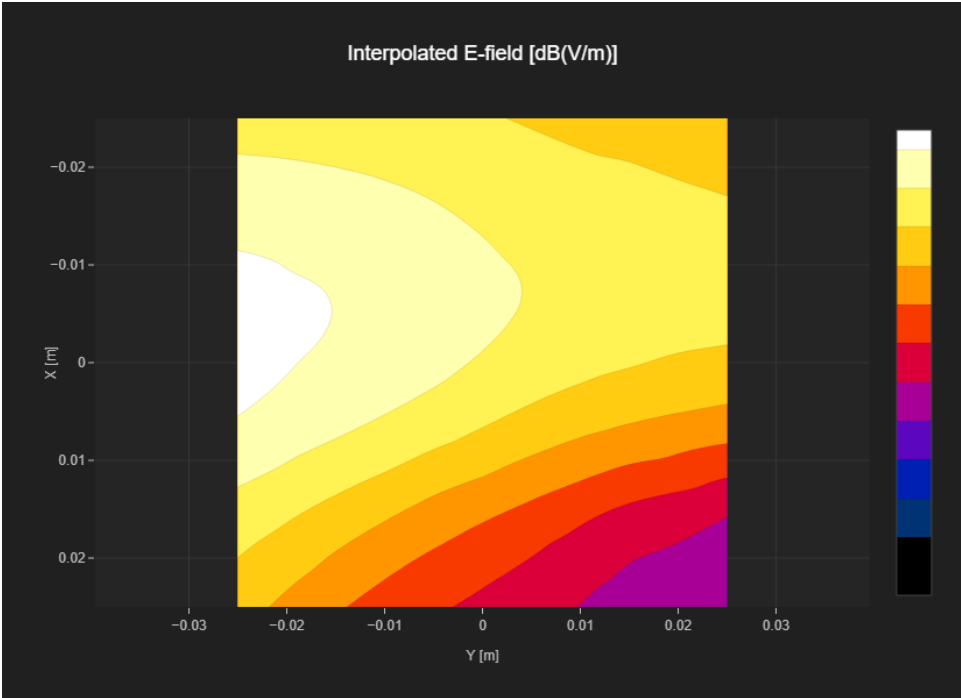
24.2

Drift [dB]

-0.08

RFail [dBV/m]

25.35



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Communication Systems

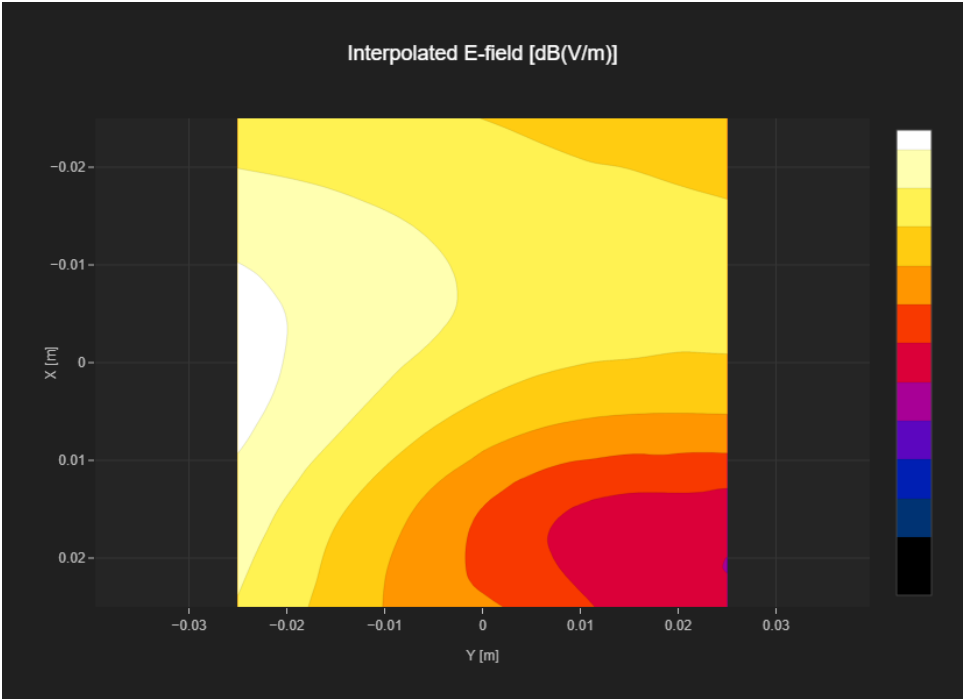
MIF	1.15
Channel Frequency [MHz]	661 1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	28.71	Eavg 50x50 Max [dBV/m]	24.67
Drift [dB]	0.01	RFail [dBV/m]	25.82



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Communication Systems

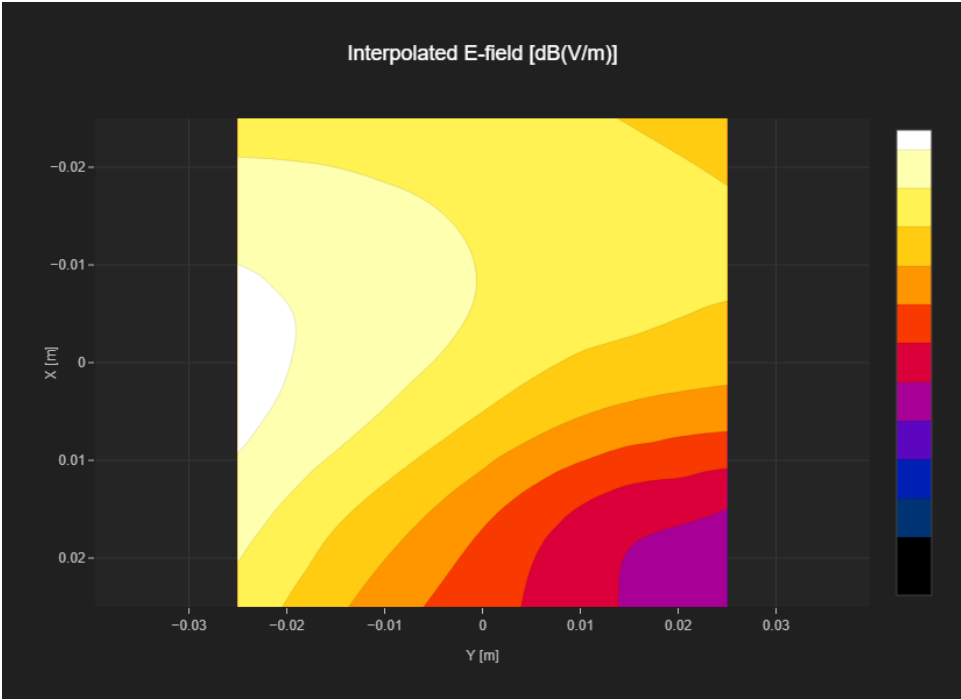
MIF 1.15
Channel | Frequency [MHz] 810 | 1909.8
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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]	29.08	Eavg 50x50 Max [dBV/m]	25.11
Drift [dB]	-0.01	RFail [dBV/m]	26.26



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, $\pi/2$ 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]

35.45

Eavg 50x50 Max [dBV/m]

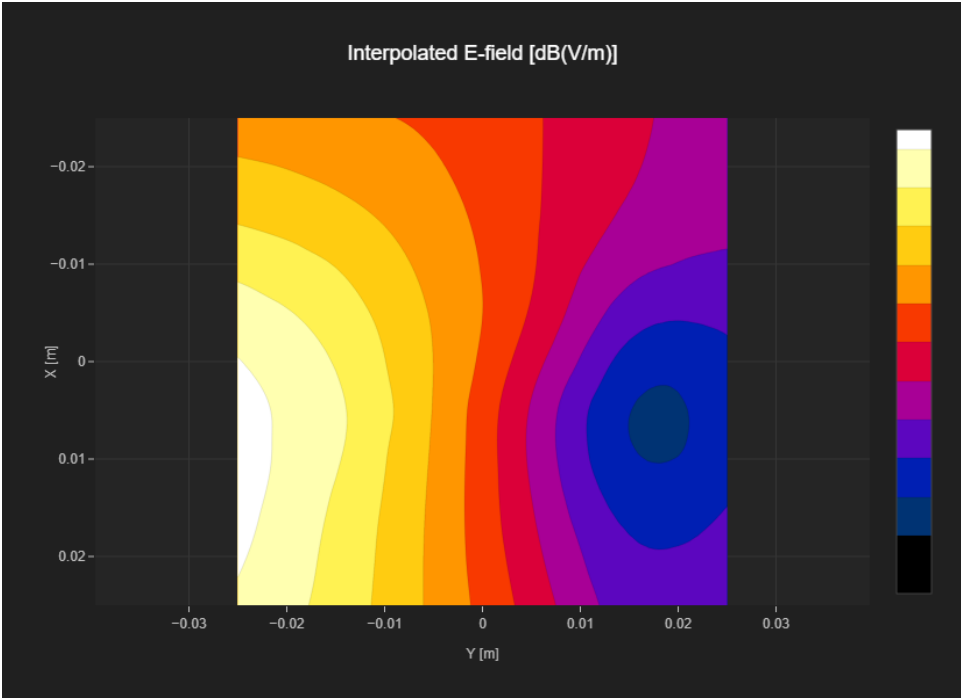
28.21

Drift [dB]

0.06

RFail [dBV/m]

29.65



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, $\pi/2$ 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]

24.19

Eavg 50x50 Max [dBV/m]

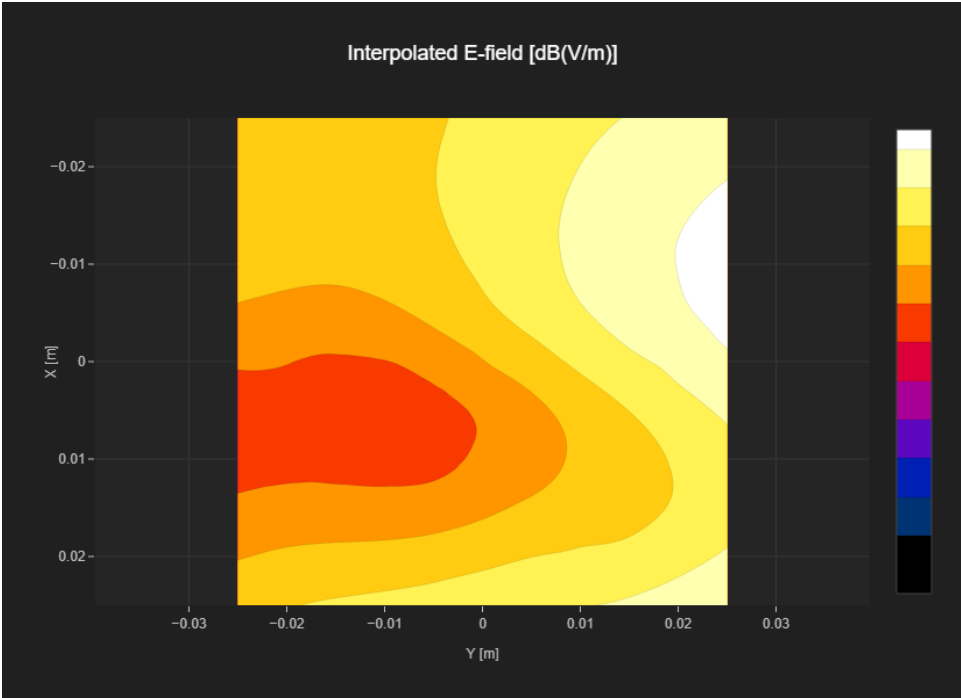
19.78

Drift [dB]

0.17

RFail [dBV/m]

21.22



Band n41 RF Interference Potential Test Report

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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, $\pi/2$ 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]

30.43

Eavg 50x50 Max [dBV/m]

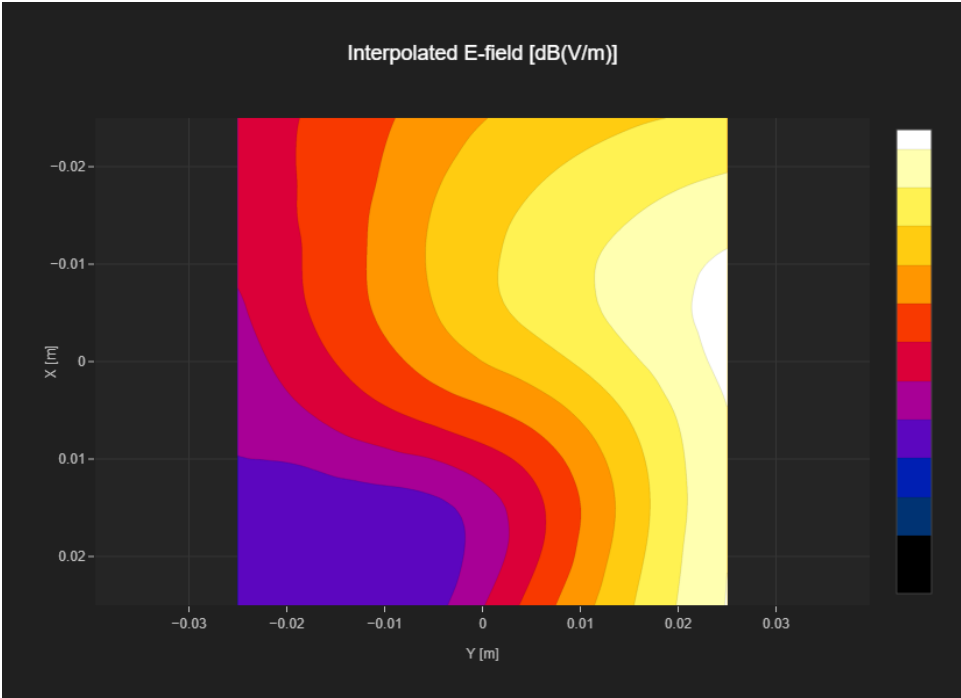
24.18

Drift [dB]

0.19

RFail [dBV/m]

25.62



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, $\pi/2$ 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]

26.15

Eavg 50x50 Max [dBV/m]

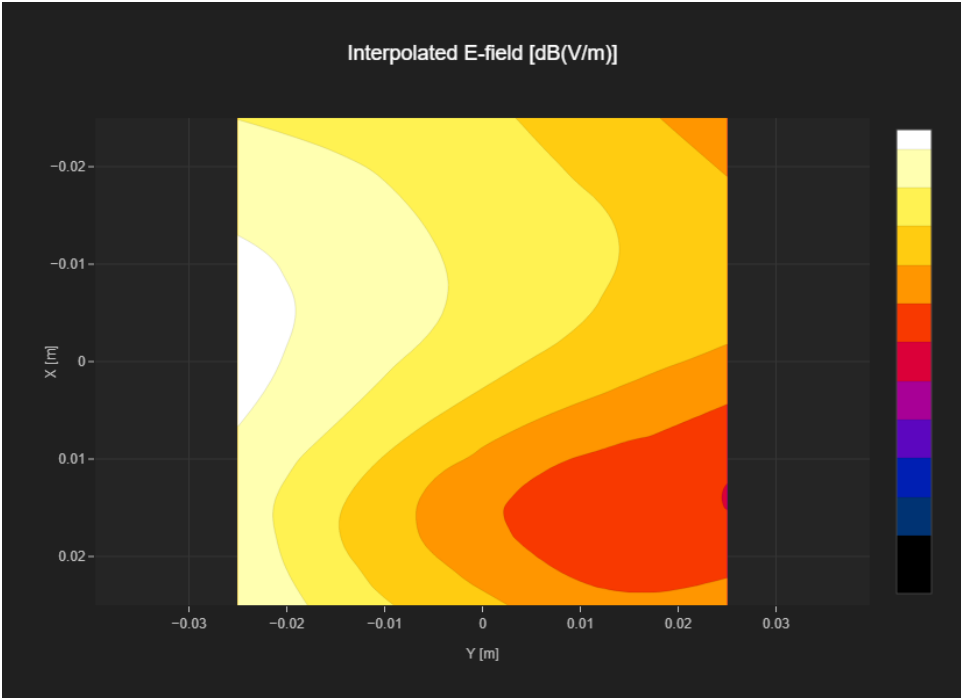
22.1

Drift [dB]

-0.03

RFail [dBV/m]

23.54



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

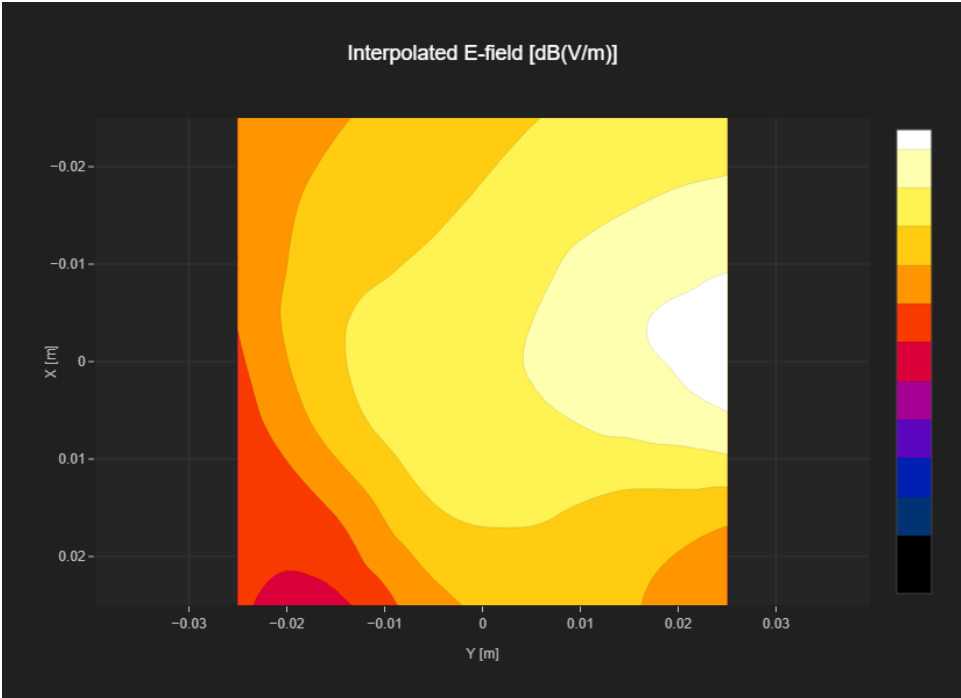
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	33.09	Eavg 50x50 Max [dBV/m]	29.05
Drift [dB]	-0.02	RFail [dBV/m]	30.49



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

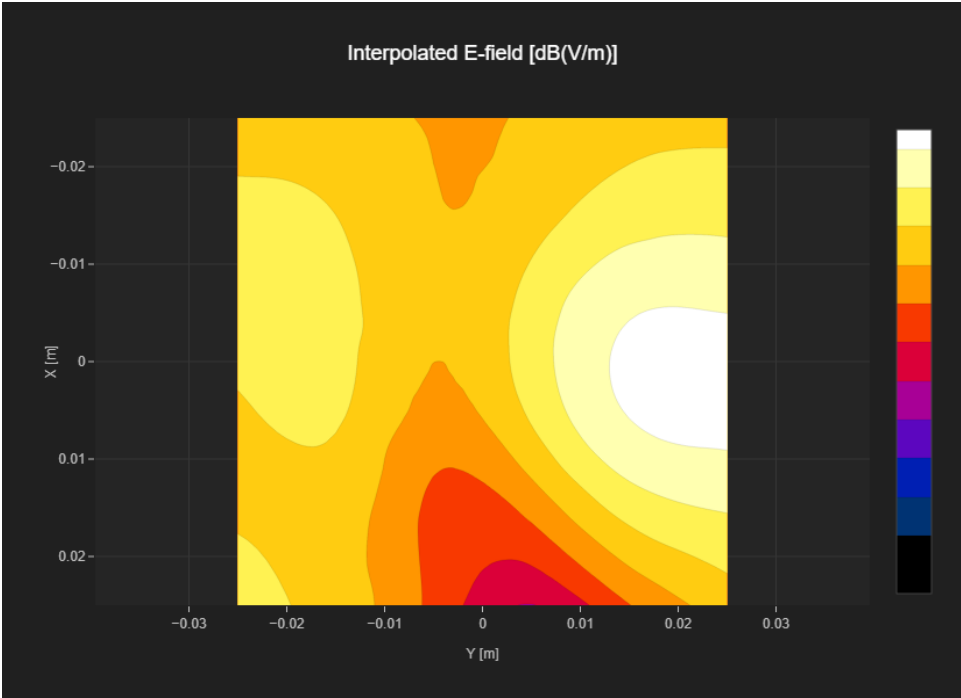
MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	34.76	Eavg 50x50 Max [dBV/m]	30.54
Drift [dB]	0.07	RFail [dBV/m]	31.98



Band n77 RF Interference Potential Test Report

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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, $\pi/2$ 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]

31.44

Eavg 50x50 Max [dBV/m]

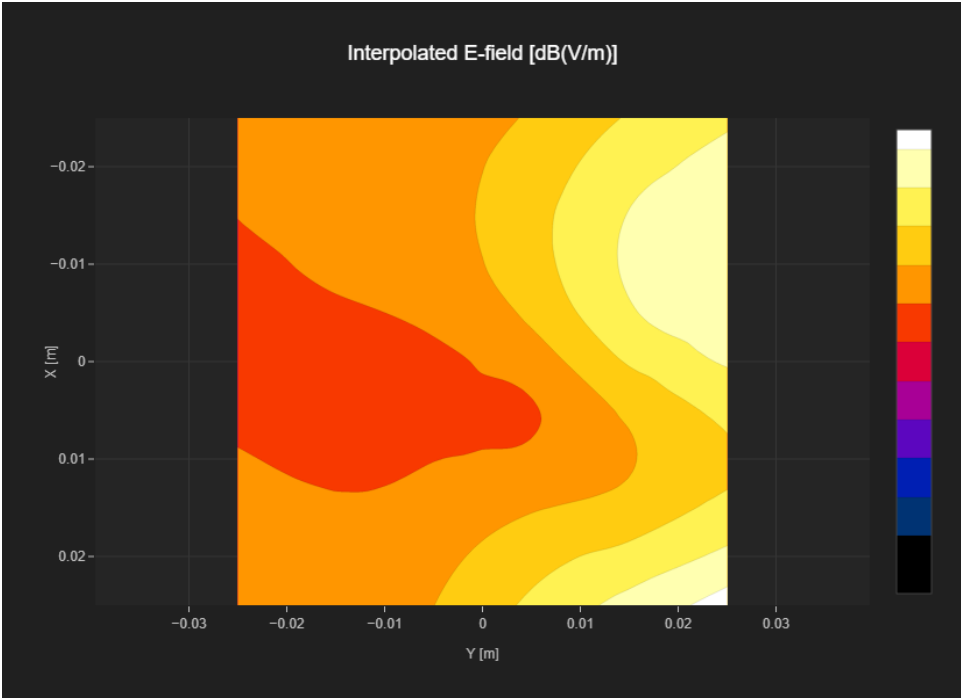
25.84

Drift [dB]

0.04

RFail [dBV/m]

27.28



Band n77 RF Interference Potential Test Report

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DAE4ip Sn1621 | April 10, 2025

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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]

29.91

Eavg 50x50 Max [dBV/m]

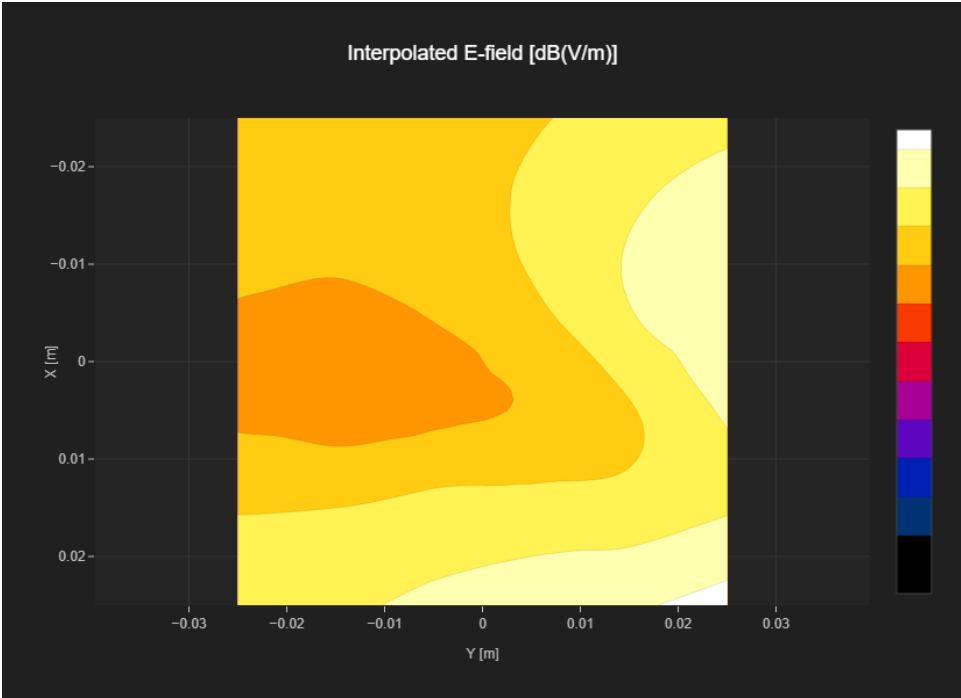
25.86

Drift [dB]

0.14

RFail [dBV/m]

27.3



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Communication Systems

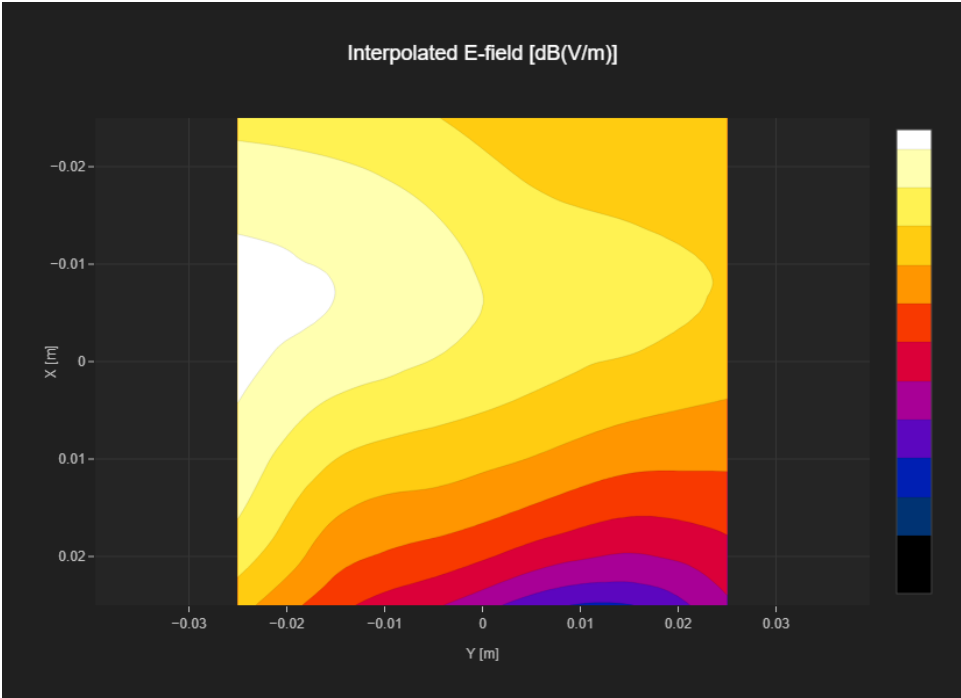
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	33.28	Eavg 50x50 Max [dBV/m]	29.04
Drift [dB]	0.01	RFail [dBV/m]	30.48



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Communication Systems

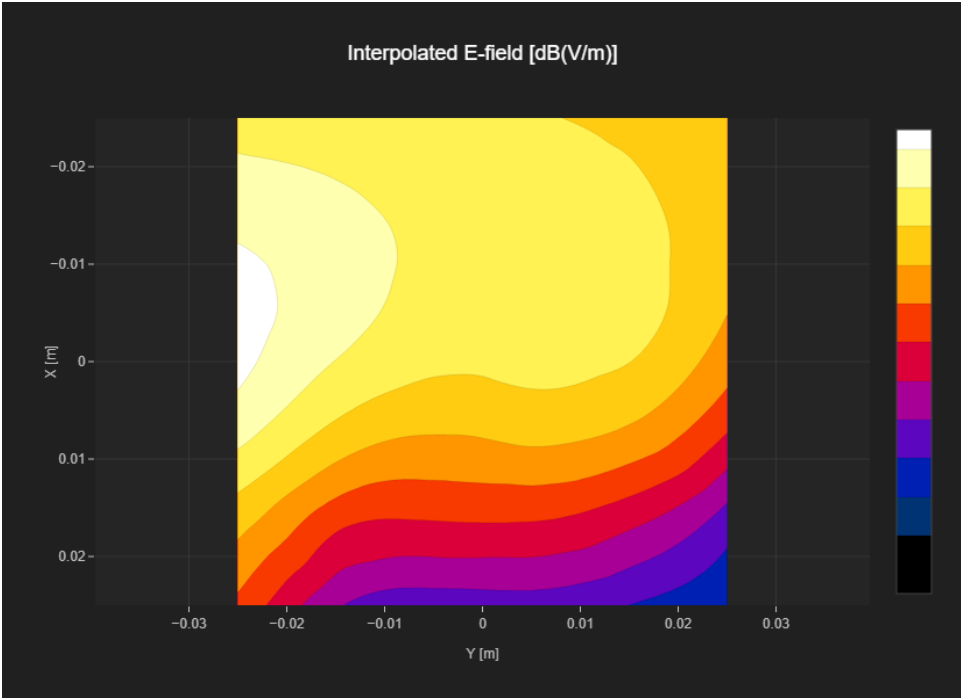
MIF 1.44
Channel | Frequency [MHz] 633334 | 3500.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	35.81	Eavg 50x50 Max [dBV/m]	30.92
Drift [dB]	0.07	RFail [dBV/m]	32.36



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Communication Systems

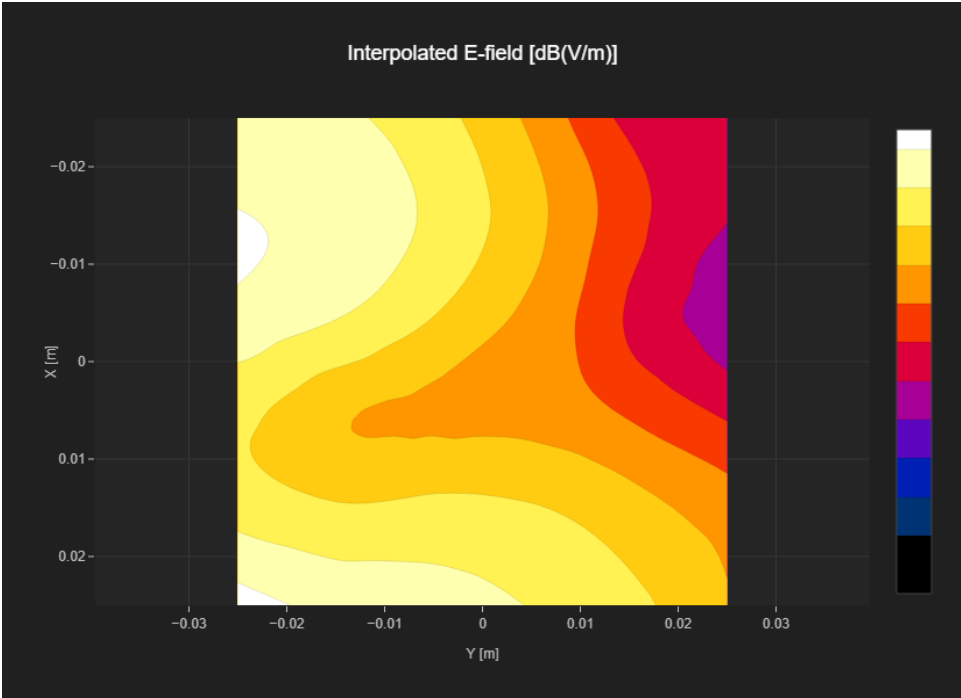
MIF 1.44
Channel | Frequency [MHz] 657534 | 3863.01
Communication Systems' Name 5G NR (DFT-s-OFDM, 1 RB, 70 MHz, $\pi/2$ BPSK, 30 kHz)

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]	31.43	Eavg 50x50 Max [dBV/m]	26.78
Drift [dB]	0.23	RFail [dBV/m]	28.22



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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, $\pi/2$ 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] 29.97 Eavg 50x50 Max [dBV/m] 24.29
Drift [dB] -0.02 RFail [dBV/m] 25.73

