

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

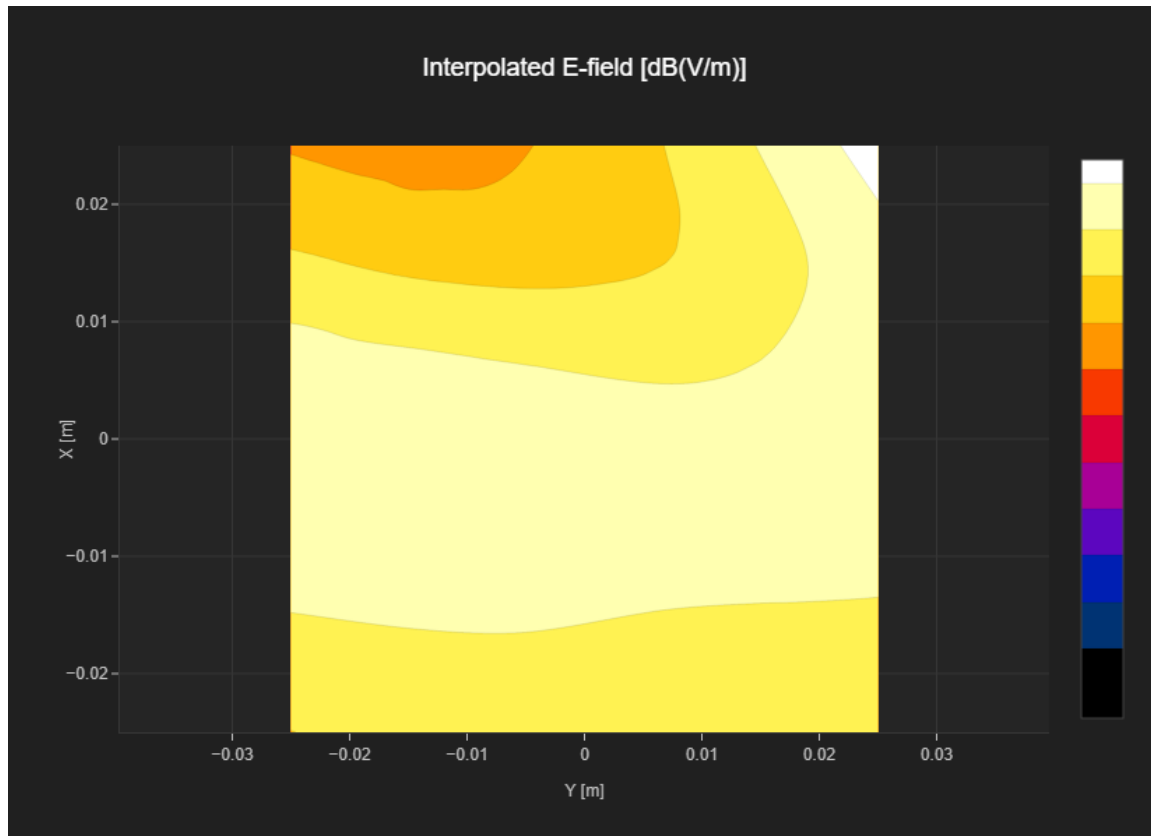
MIF 3.8
Channel | Frequency [MHz] 512 | 1850.2
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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

E _{max} [dBV/m]	22.26	E _{avg 50x50 Max} [dBV/m]	20.62
Drift [dB]	0.06	RFail [dBV/m]	24.42



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Communication Systems

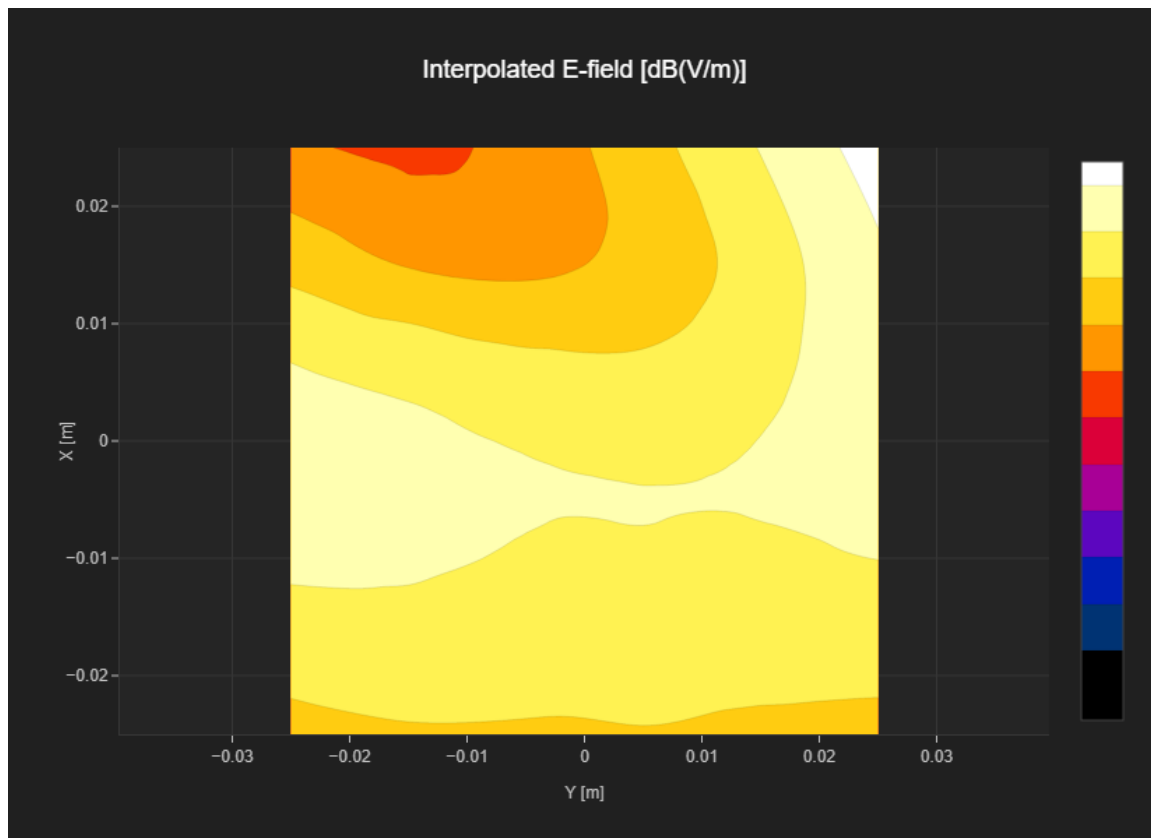
MIF 3.8
 Channel | Frequency [MHz] 661 | 1880.0
 Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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

E _{max} [dBV/m]	23.62	E _{avg 50x50 Max} [dBV/m]	20.16
Drift [dB]	0.0	RFail [dBV/m]	23.96



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Communication Systems

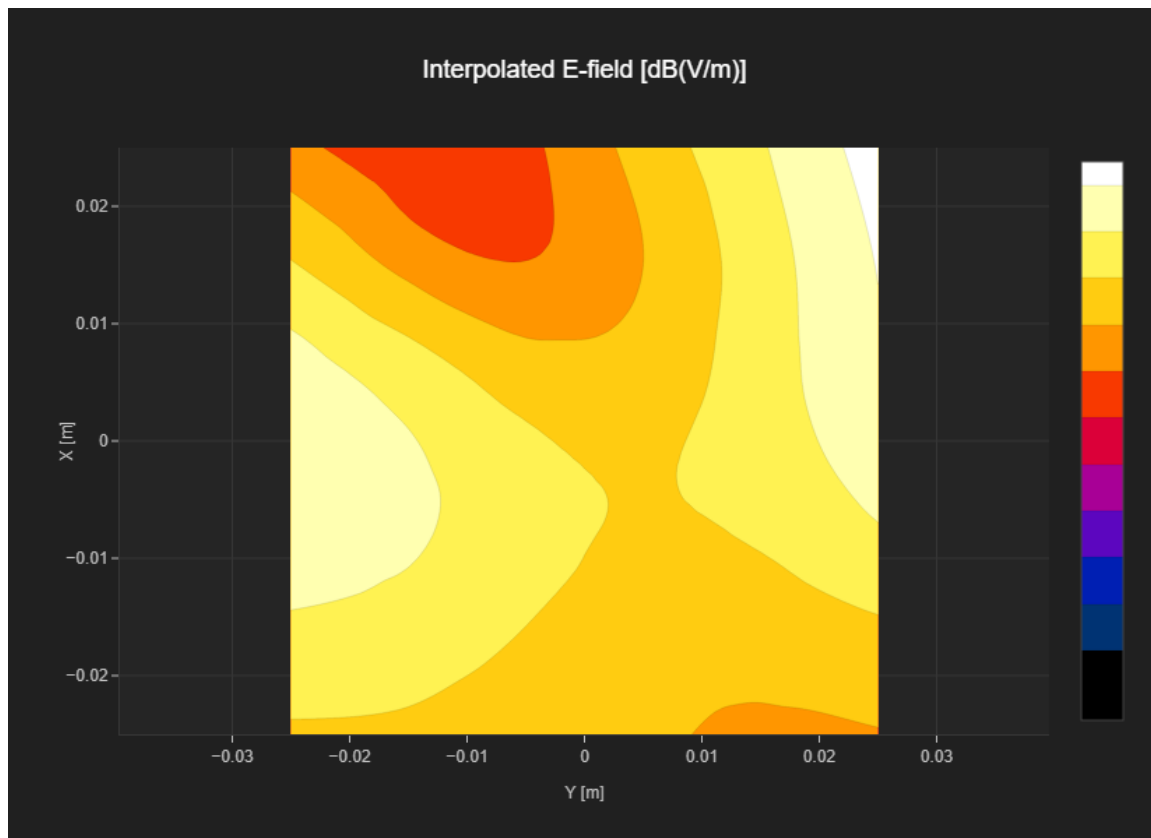
MIF 3.8
Channel | Frequency [MHz] 810 | 1909.8
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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

E _{max} [dBV/m]	24.41	E _{avg 50x50 Max} [dBV/m]	20.26
Drift [dB]	-0.15	RFail [dBV/m]	24.06



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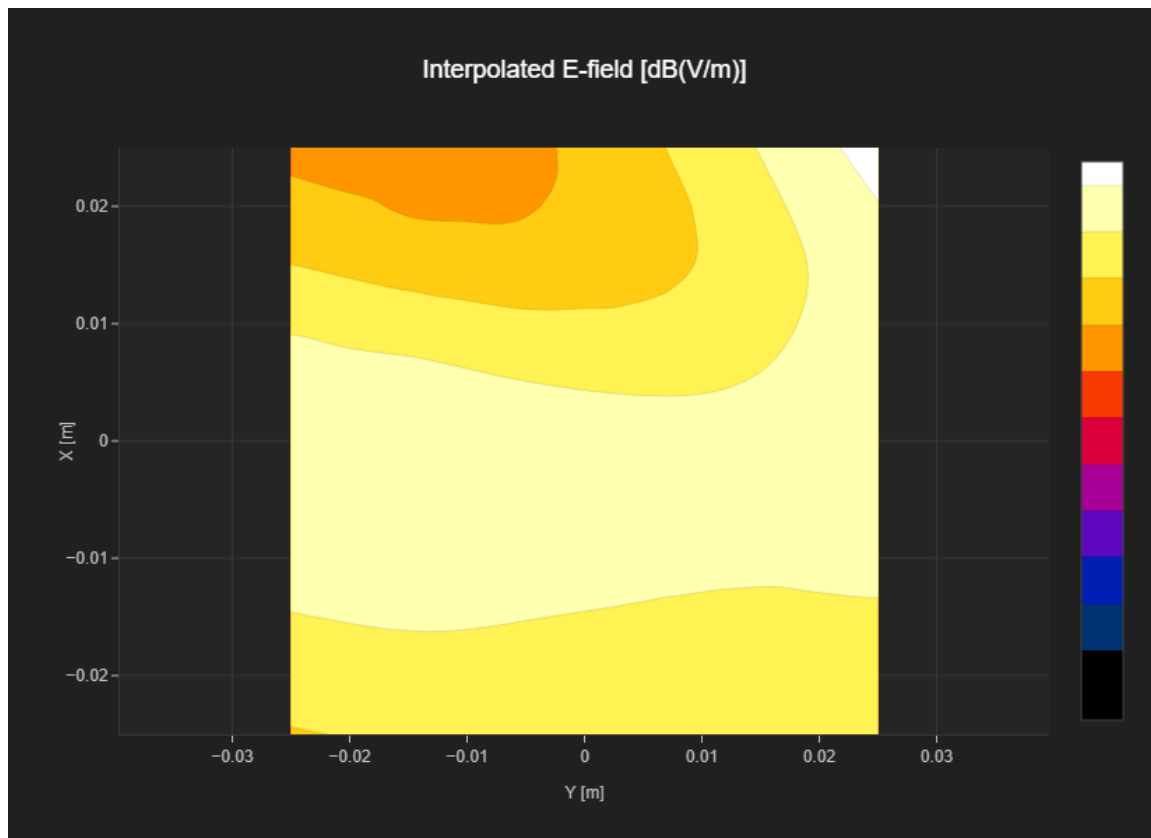
MIF 1.15
Channel | Frequency [MHz] 512 | 1850.2
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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

E _{max} [dBV/m]	25.99	E _{avg 50x50 Max} [dBV/m]	23.14
Drift [dB]	-0.04	RFail [dBV/m]	24.29



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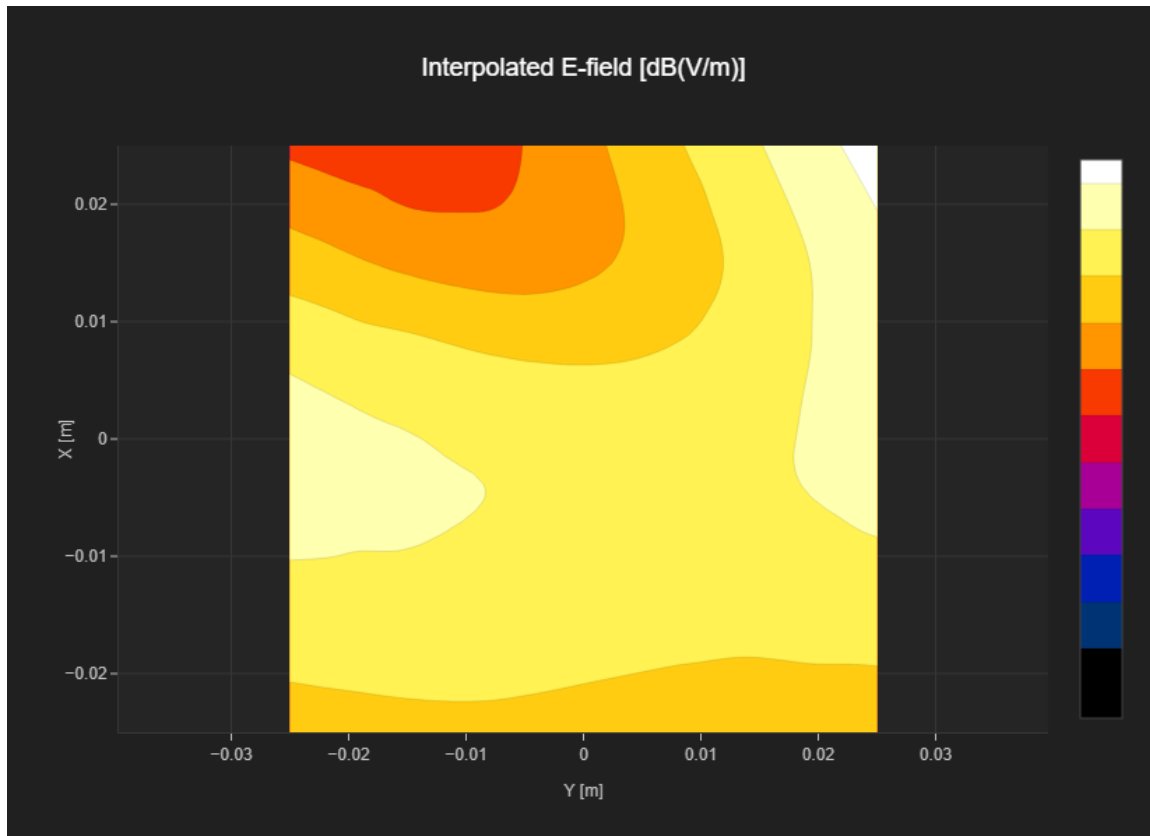
MIF 1.15
Channel | Frequency [MHz] 661 | 1880.0
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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

E _{max} [dBV/m]	26.55	E _{avg 50x50 Max} [dBV/m]	22.79
Drift [dB]	0.07	RFail [dBV/m]	23.94



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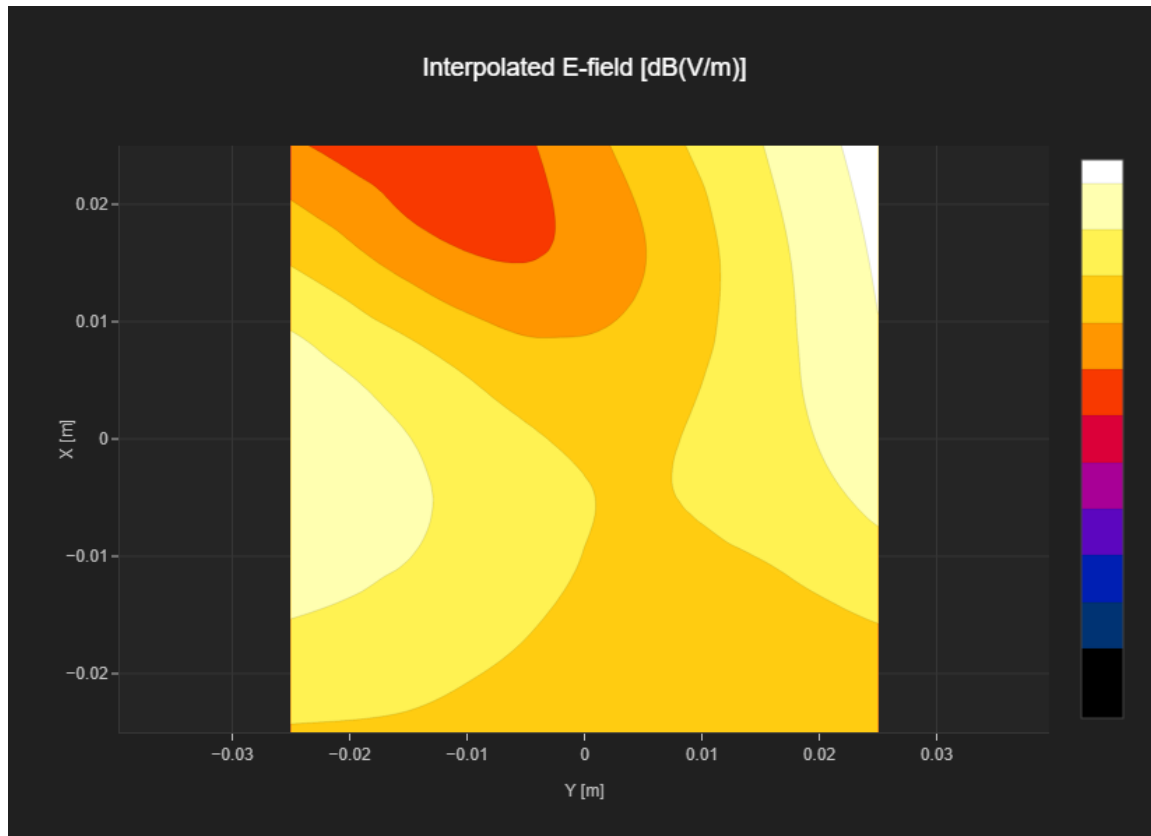
MIF 1.15
Channel | Frequency [MHz] 810 | 1909.8
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0-1)

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

E _{max} [dBV/m]	26.4	E _{avg 50x50 Max} [dBV/m]	22.28
Drift [dB]	0.08	RFail [dBV/m]	23.43



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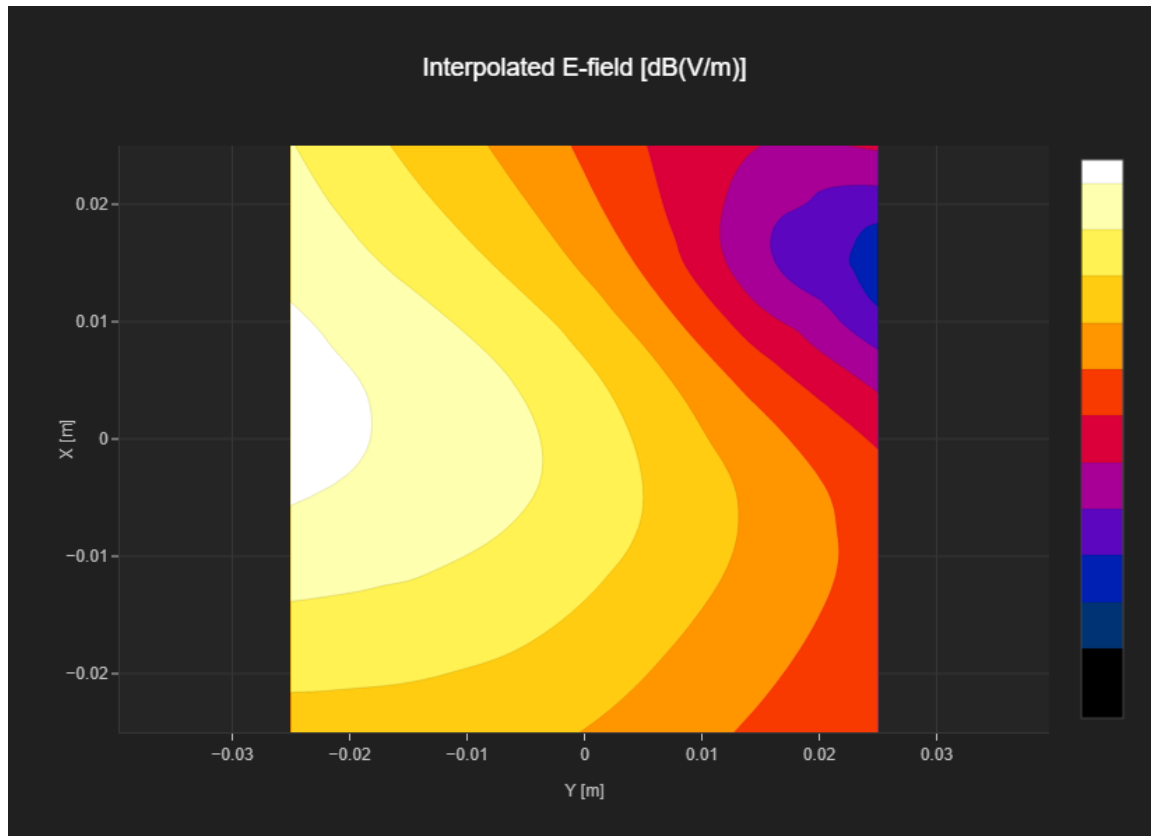
MIF 3.8
Channel | Frequency [MHz] 512 | 1850.2
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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

E _{max} [dBV/m]	27.22	E _{avg 50x50 Max} [dBV/m]	22.37
Drift [dB]	-0.05	RFail [dBV/m]	26.17



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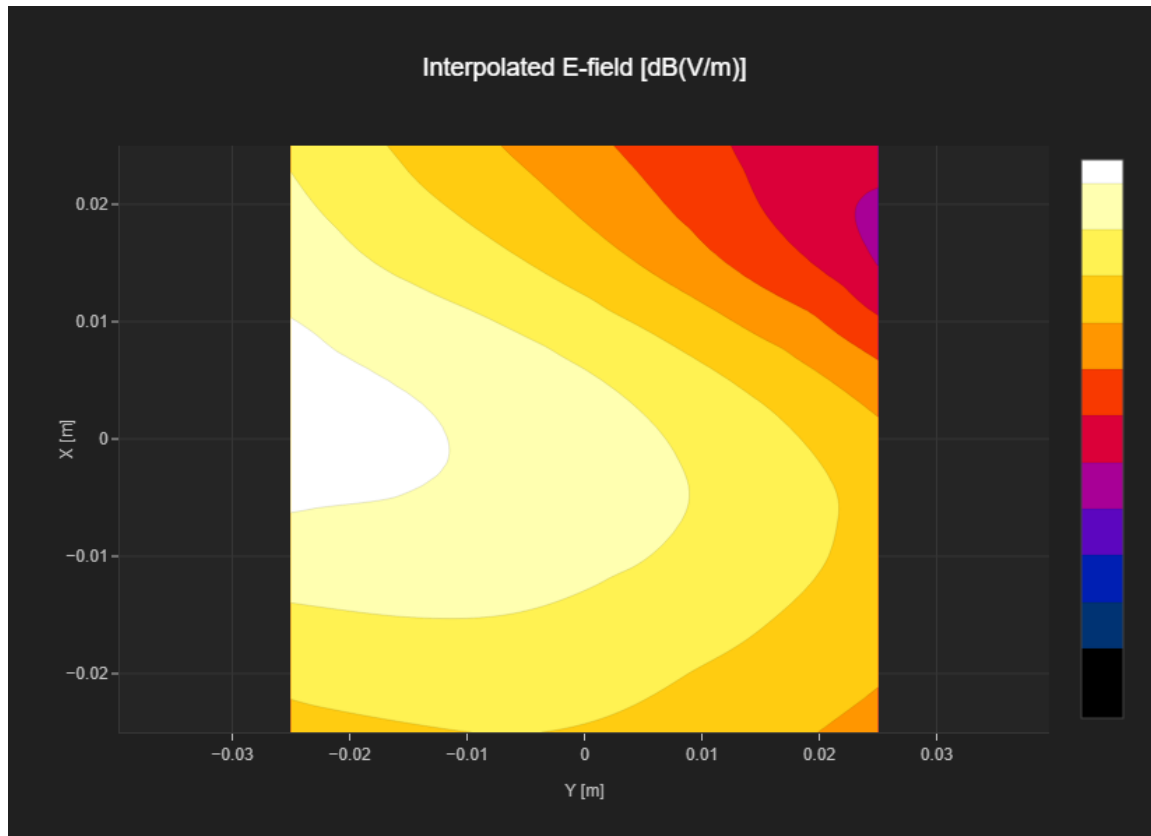
MIF 3.8
Channel | Frequency [MHz] 661 | 1880.0
Communication Systems' Name GPRS-FDD (TDMA, GMSK, TN 0)

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

E _{max} [dBV/m]	26.81	E _{avg 50x50 Max} [dBV/m]	23.33
Drift [dB]	0.01	RFail [dBV/m]	27.13



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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

E _{max} [dBV/m]	23.55	E _{avg 50x50 Max} [dBV/m]	21.45
Drift [dB]	0.05	RFail [dBV/m]	25.25

