

# 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

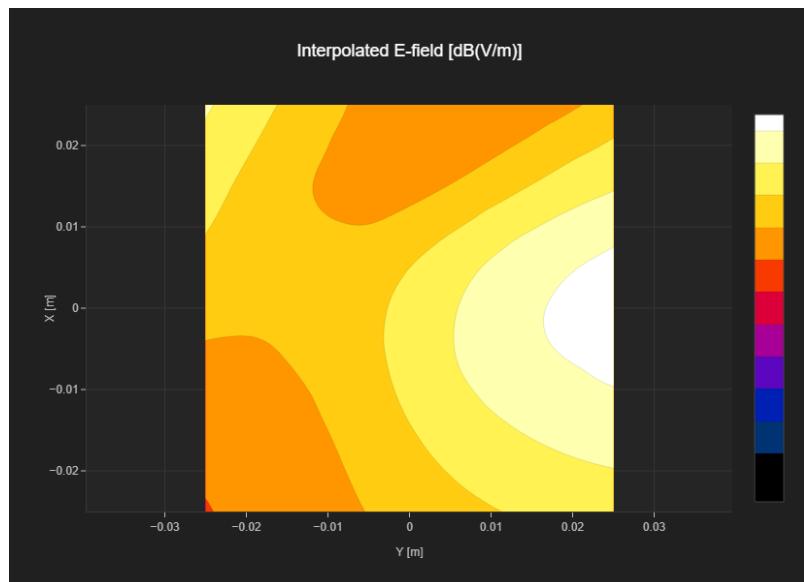
MIF	3.8
Channel   Frequency [MHz]	512   1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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



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Software Version	1.2.0.1713

## Communication Systems

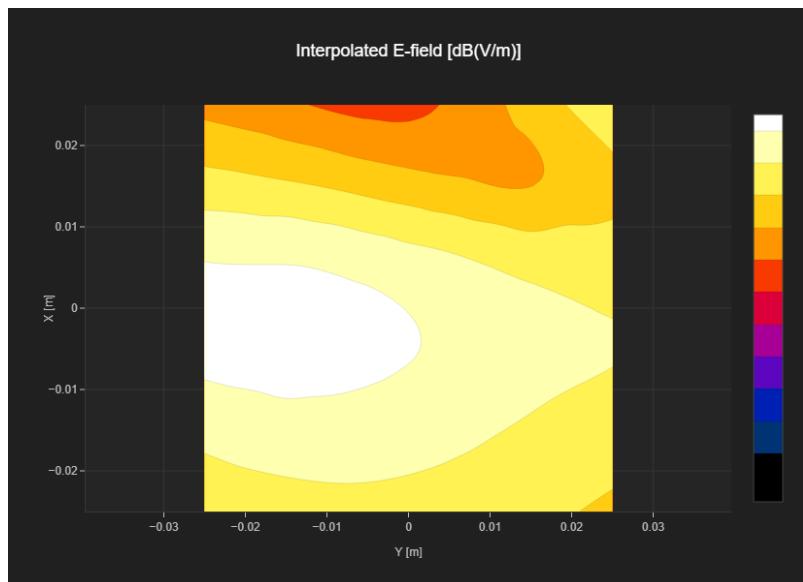
MIF	3.8
Channel   Frequency [MHz]	661   1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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



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Software Version	1.2.0.1713

## Communication Systems

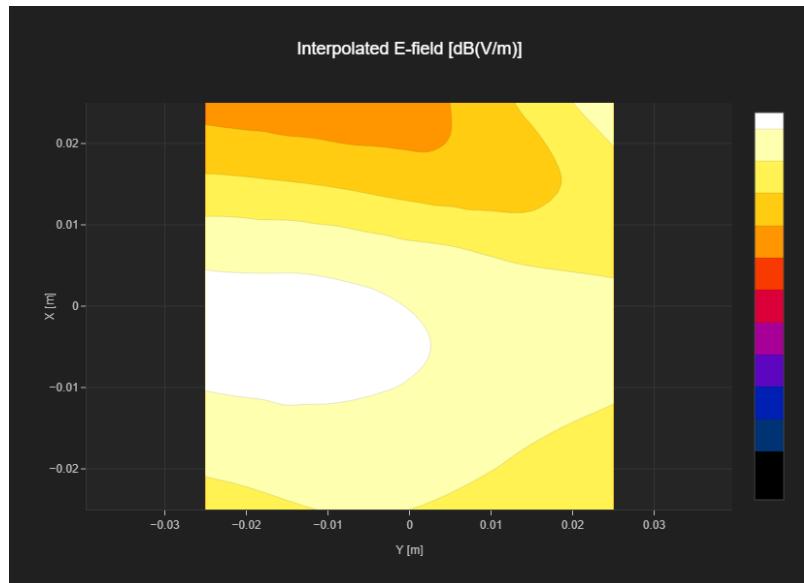
MIF	3.8
Channel   Frequency [MHz]	810   1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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



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Software Version	1.2.0.1713

## Communication Systems

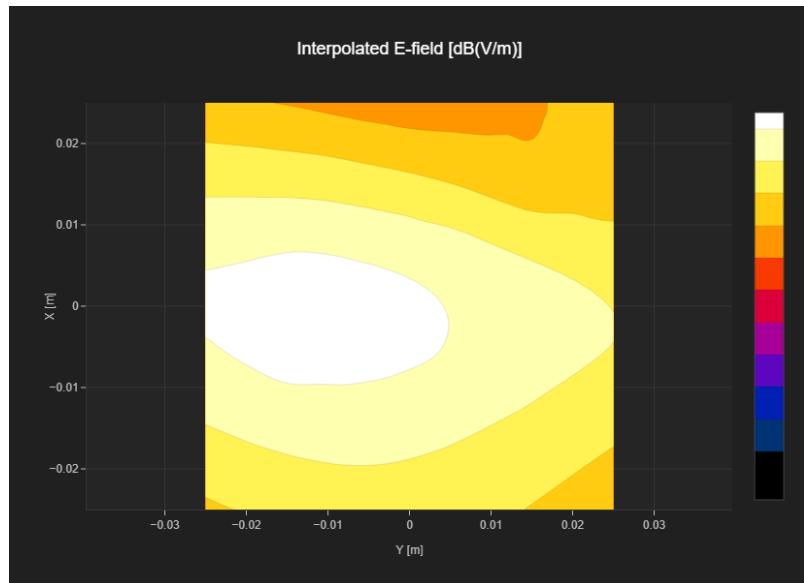
MIF	1.15
Channel   Frequency [MHz]	512   1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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



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Probe   Calibration Date	EF3DV3 - SN4028   September 04, 2023
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Software Version	1.2.0.1713

## Communication Systems

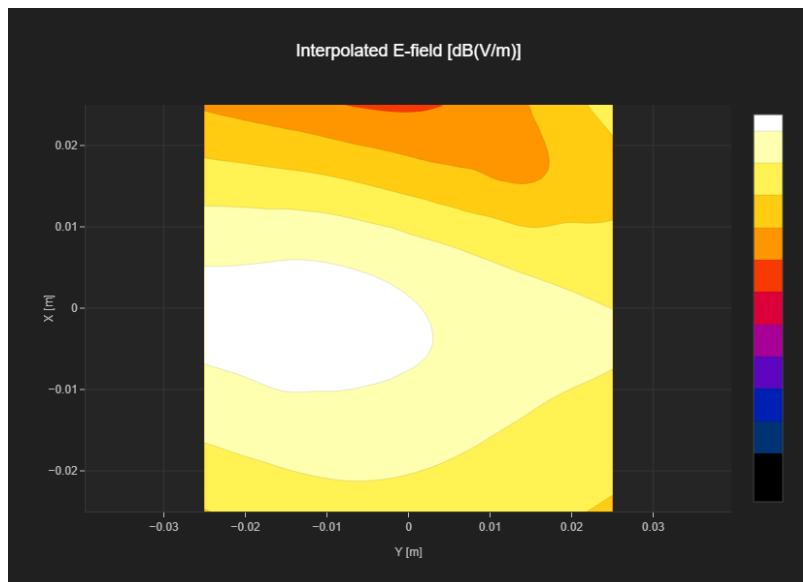
MIF	1.15
Channel   Frequency [MHz]	661   1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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



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Probe   Calibration Date	EF3DV3 - SN4028   September 04, 2023
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Software Version	1.2.0.1713

## Communication Systems

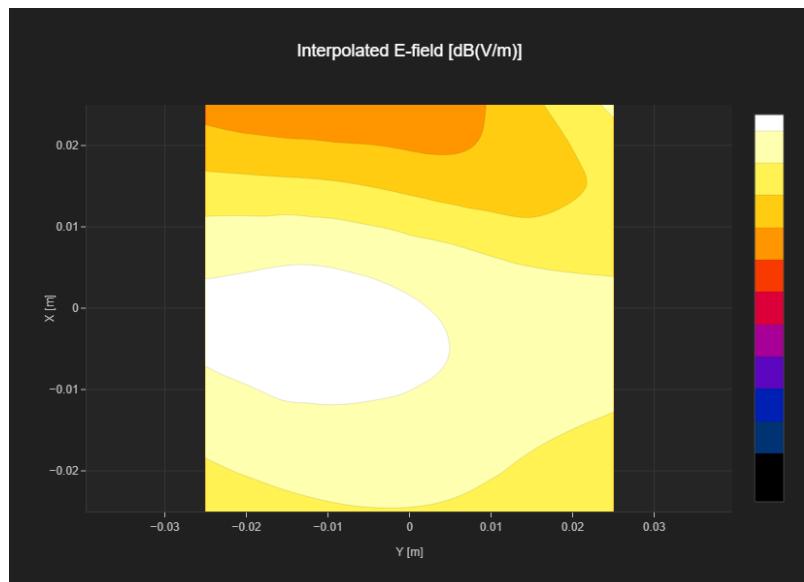
MIF	1.15
Channel   Frequency [MHz]	810   1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0-1)

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



# 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

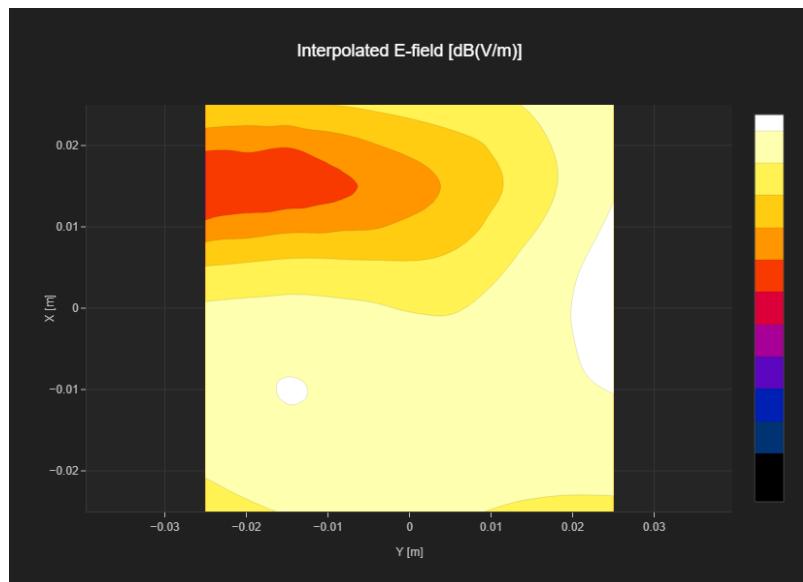
MIF	1.14
Channel   Frequency [MHz]	518598   2592.99
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

## 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

E <sub>max</sub> [dBV/m]	<b>22.53</b>	E <sub>avg</sub> 50x50 Max [dBV/m]	<b>20.57</b>
Drift [dB]	<b>-0.12</b>	RFail [dBV/m]	<b>21.71</b>



# 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

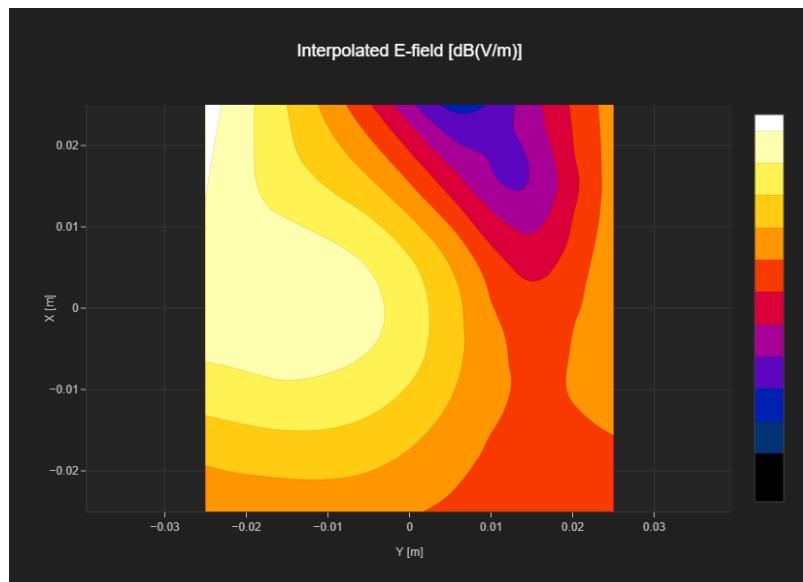
MIF	1.14
Channel   Frequency [MHz]	518598   2592.99
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



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Probe   Calibration Date	EF3DV3 - SN4028   September 04, 2023
DAE   Calibration Date	DAE4 Sn1546   March 11, 2024
Software Version	1.2.0.1713

## Communication Systems

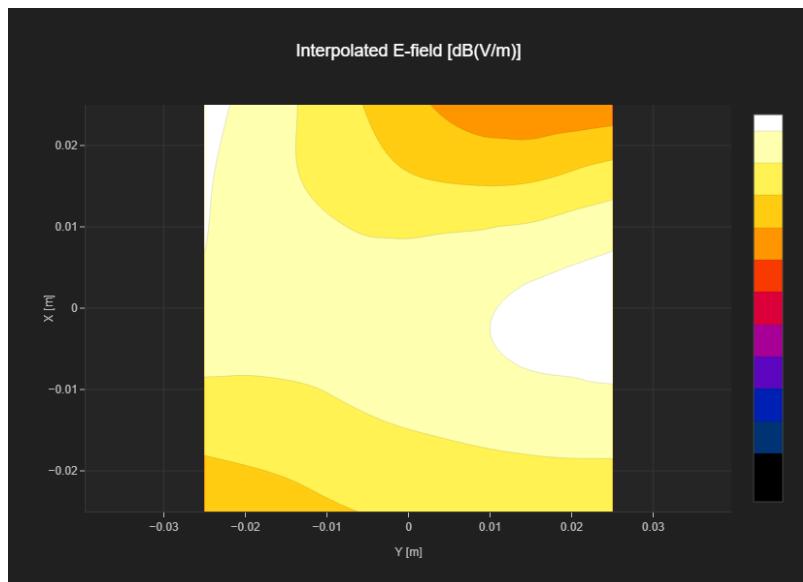
MIF	3.8
Channel   Frequency [MHz]	512   1850.2
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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



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DAE   Calibration Date	DAE4 Sn1546   March 11, 2024
Software Version	1.2.0.1713

## Communication Systems

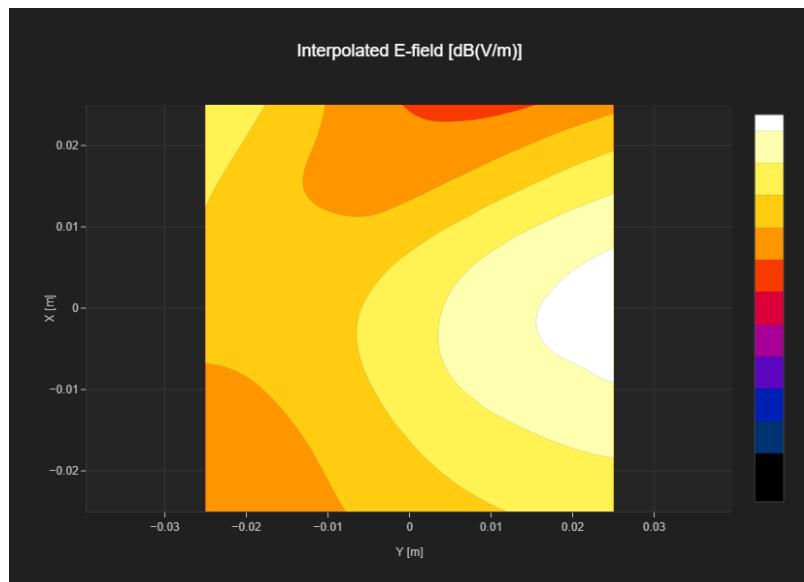
MIF	3.8
Channel   Frequency [MHz]	661   1880.0
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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



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Software Version	1.2.0.1713

## Communication Systems

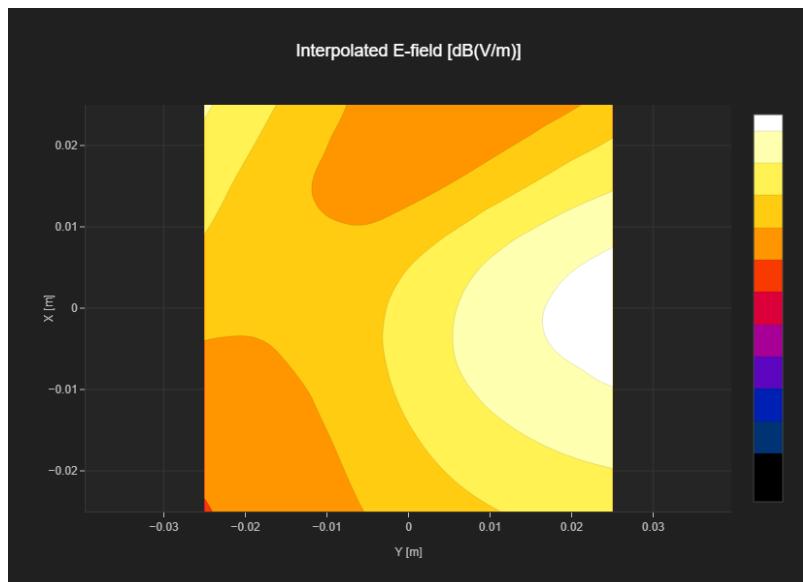
MIF	3.8
Channel   Frequency [MHz]	810   1909.8
Communication Systems' Name	GPRS-FDD (TDMA, GMSK, TN 0)

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



# 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

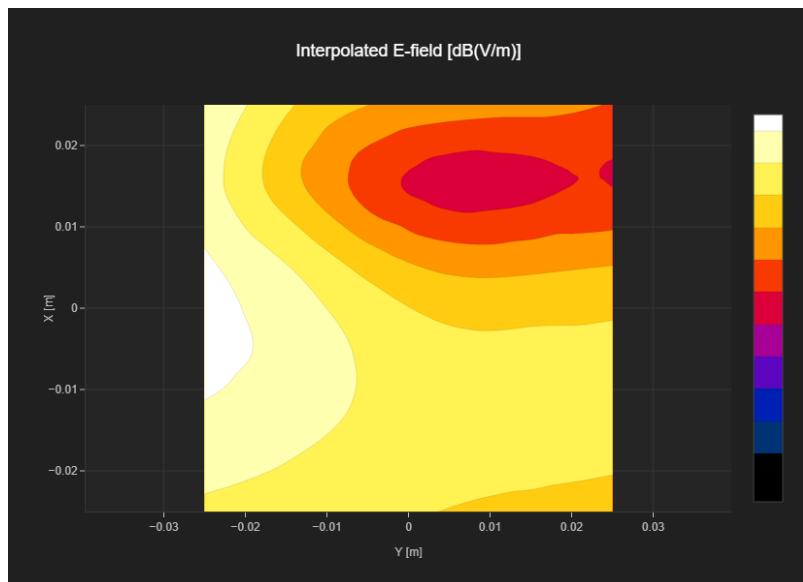
MIF	1.14
Channel   Frequency [MHz]	518598   2592.99
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



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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

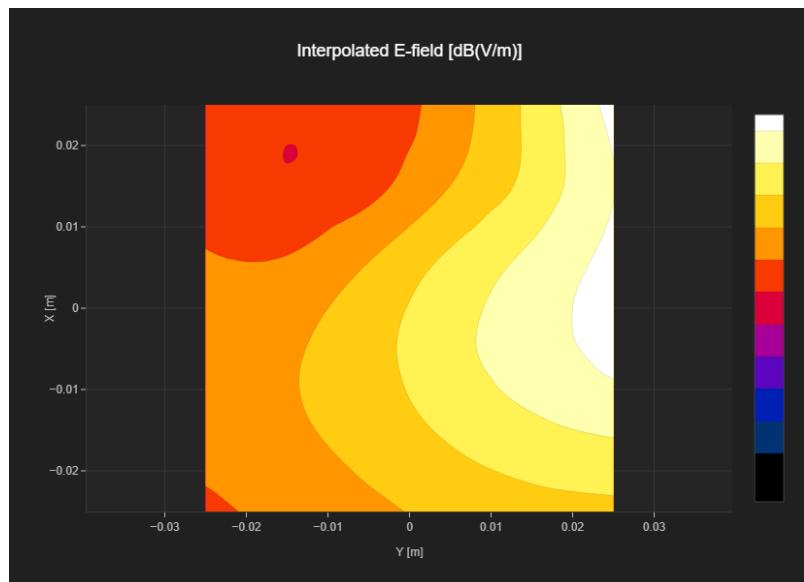
MIF	1.14
Channel   Frequency [MHz]	518598   2592.99
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



# 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

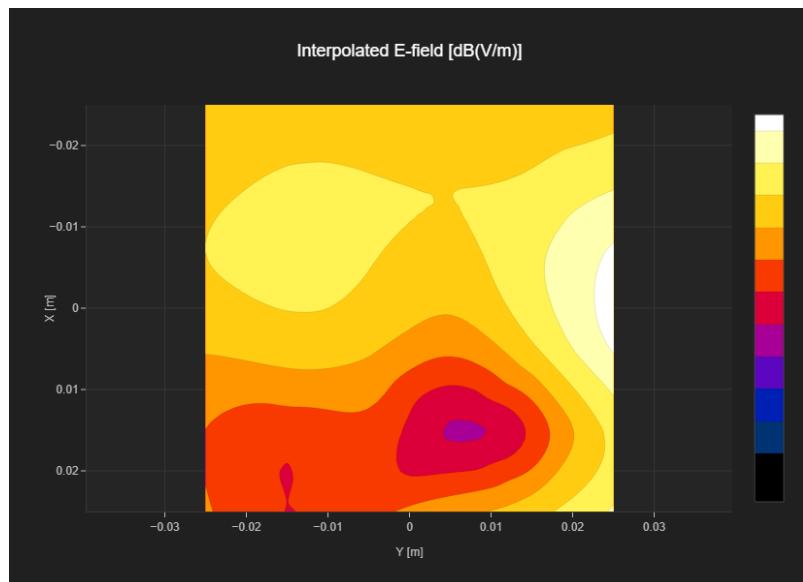
MIF	1.14
Channel   Frequency [MHz]	633334   3500.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



# 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

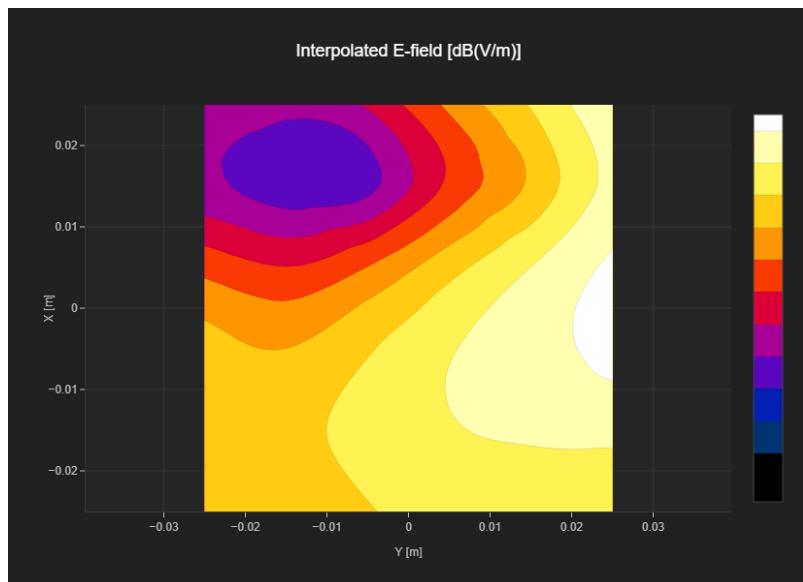
MIF	1.14
Channel   Frequency [MHz]	657534   3863.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



# 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

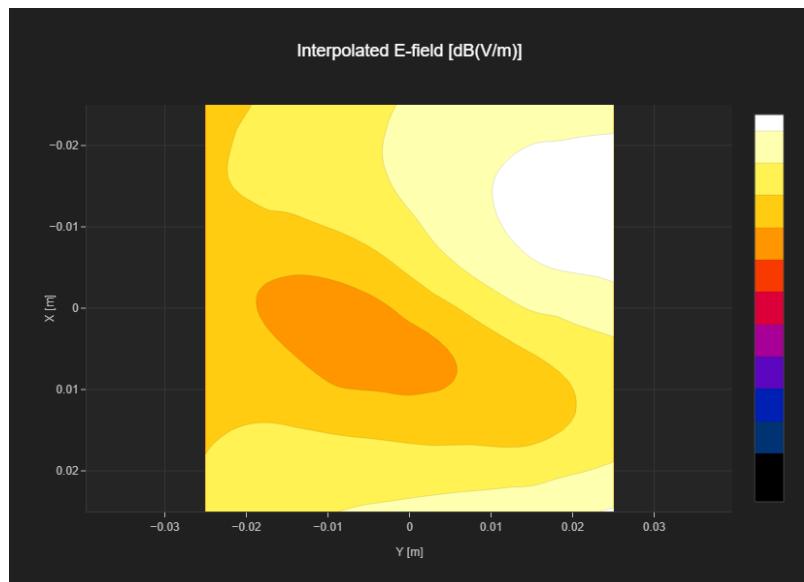
MIF	1.14
Channel   Frequency [MHz]	633334   3500.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



# Band n77 RF Interference Potential Test Report

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Probe   Calibration Date	EF3DV3 - SN4028   September 04, 2023
DAE   Calibration Date	DAE4 Sn1546   March 11, 2024
Software Version	1.2.0.1713

## Communication Systems

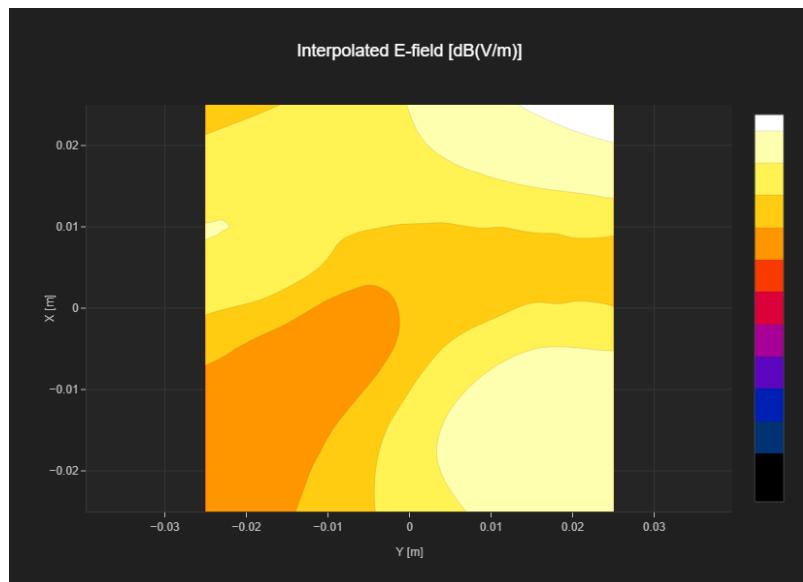
MIF	1.14
Channel   Frequency [MHz]	657534   3863.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



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## Hardware Setup

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DAE   Calibration Date	DAE4 Sn1546   March 11, 2024
Software Version	1.2.0.1713

## Communication Systems

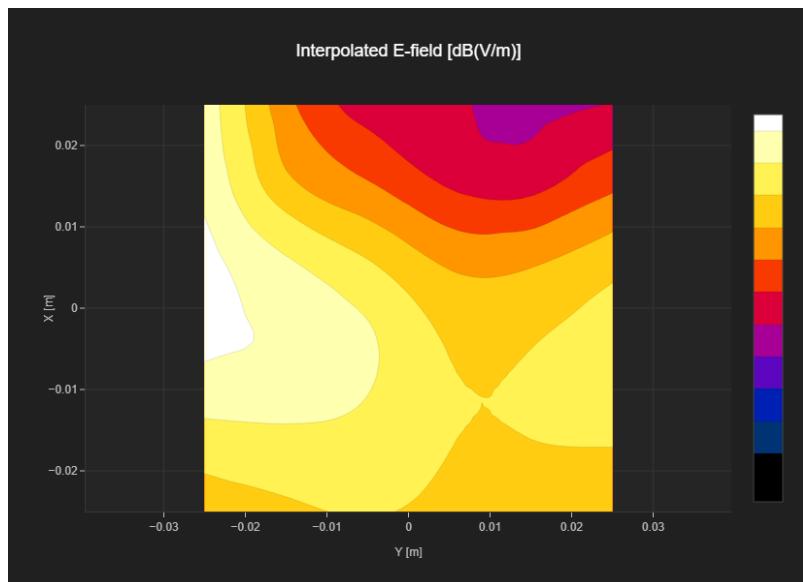
MIF	1.14
Channel   Frequency [MHz]	633334   3500.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



# Band n77 RF Interference Potential Test Report

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DAE   Calibration Date	DAE4 Sn1546   March 11, 2024
Software Version	1.2.0.1713

## Communication Systems

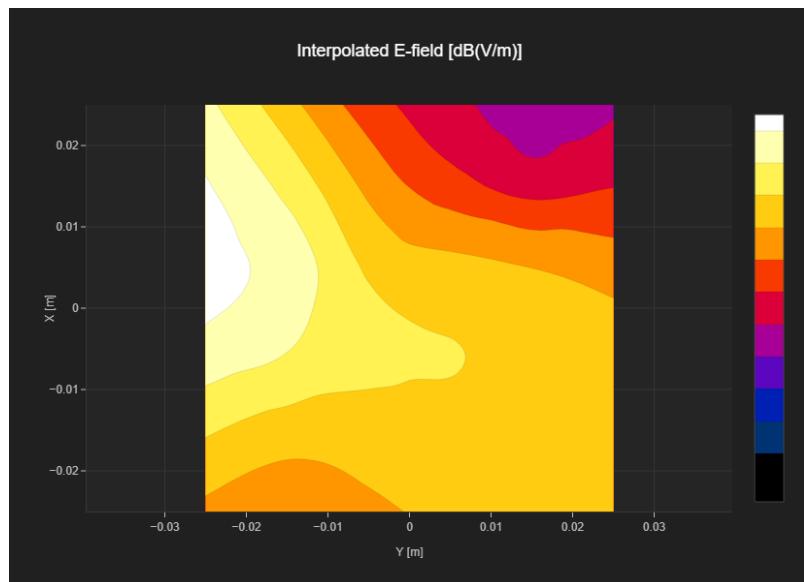
MIF	1.14
Channel   Frequency [MHz]	657534   3863.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



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## Hardware Setup

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DAE   Calibration Date	DAE4 Sn1546   March 11, 2024
Software Version	1.2.0.1713

## Communication Systems

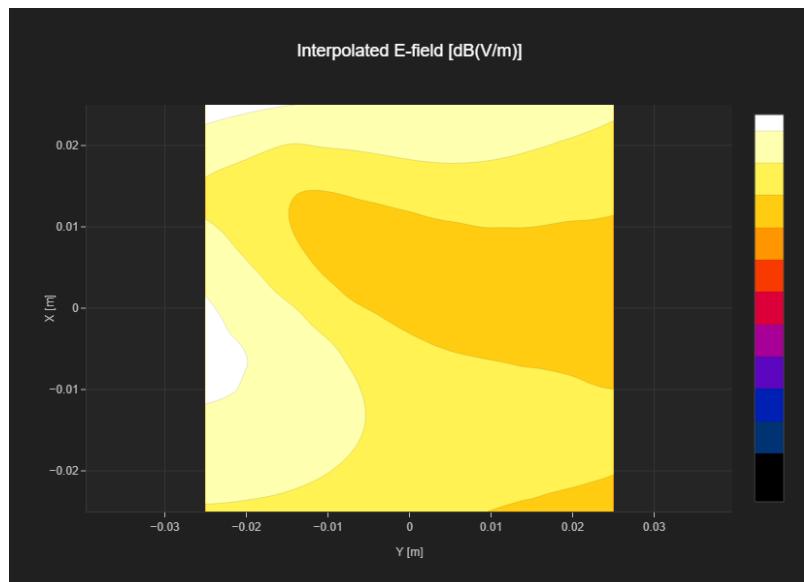
MIF	1.14
Channel   Frequency [MHz]	633334   3500.01
Communication Systems' Name	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, $\pi/2$ BPSK, 30 kHz)

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



# 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	<b>23.21</b>	Eavg 50x50 Max	<b>18.43</b>
Drift [dB]	<b>0.28</b>	RFail [dBV/m]	<b>19.57</b>

