# 1_HAC_RF_GSM850_GSM Voice_Ch128_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

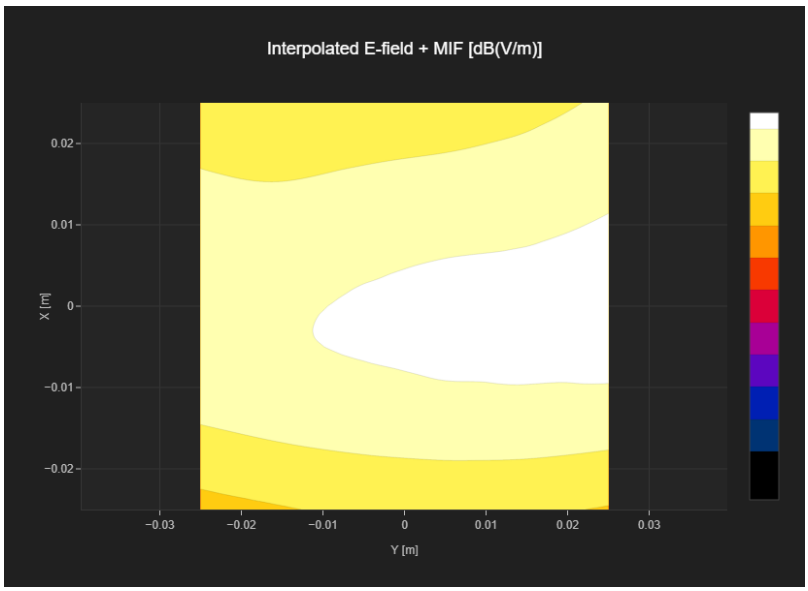
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 128 | 824.2 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 28.88 | 27.34 | 3.63 | 30.97 |



# 2_HAC_RF_GSM850_GSM Voice_Ch189_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

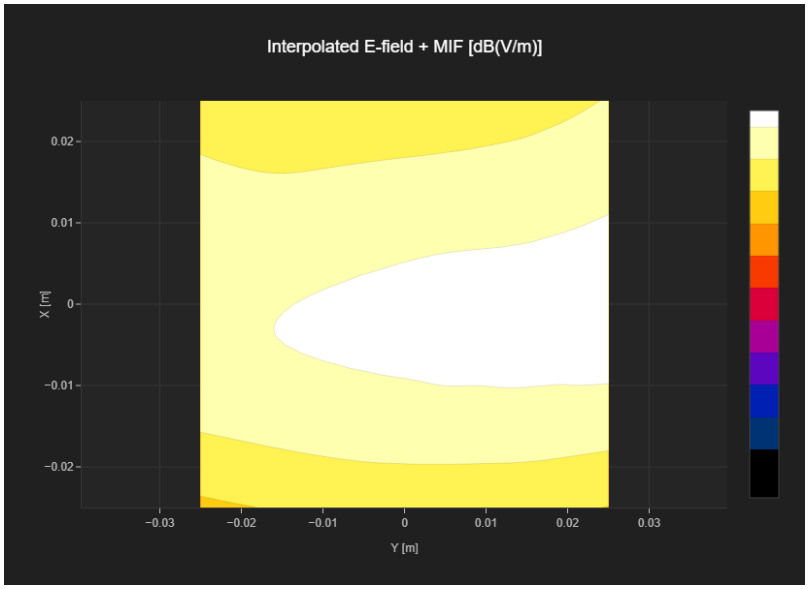
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 189 | 836.4 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 27.93 | 26.44 | 3.63 | 30.07 |



# 3_HAC_RF_GSM850_GSM Voice_Ch251_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

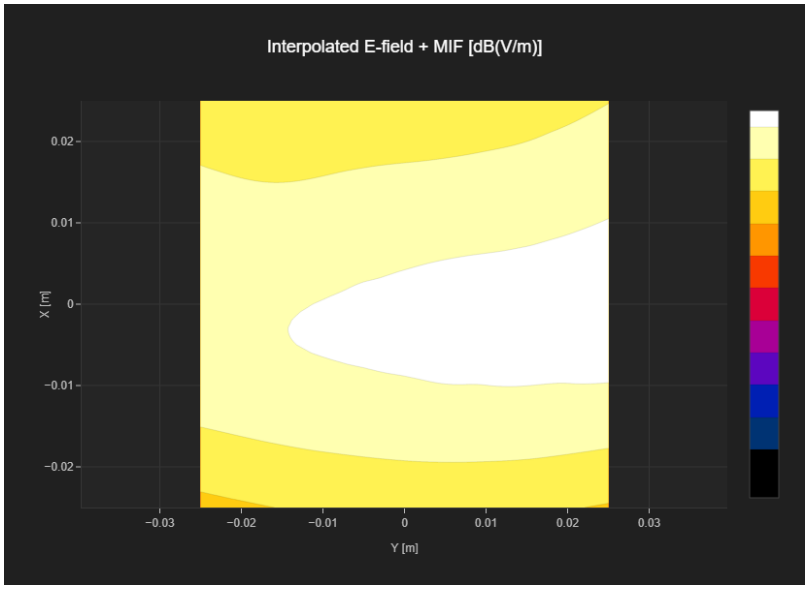
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 251 | 848.8 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 28.67 | 27.11 | 3.63 | 30.74 |



# 4_HAC_RF_GSM850_GSM Voice_Ch128_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

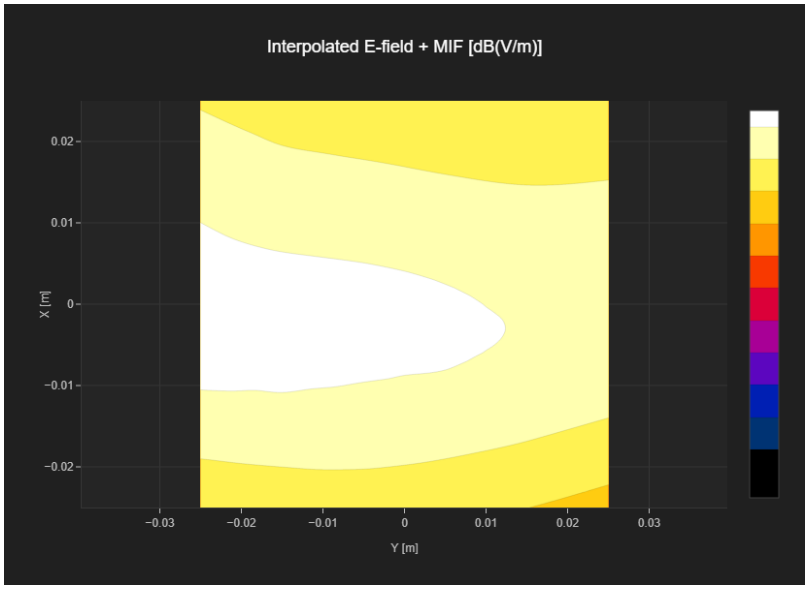
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 128 | 824.2 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 28.73 | 27.04 | 3.63 | 30.67 |



# 5_HAC_RF_GSM850_GSM Voice_Ch189_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

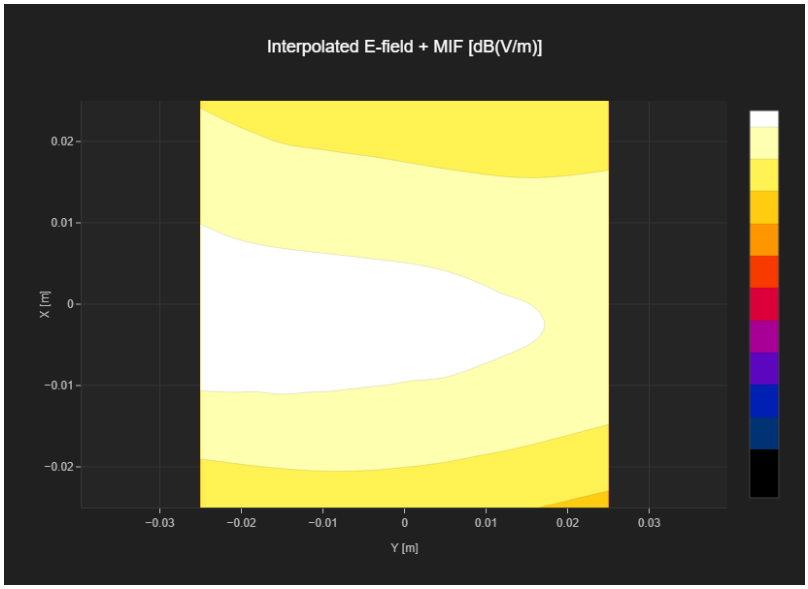
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 189 | 836.4 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 29.23 | 27.62 | 3.63 | 31.25 |



# 6_HAC_RF_GSM850_GSM Voice_Ch251_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

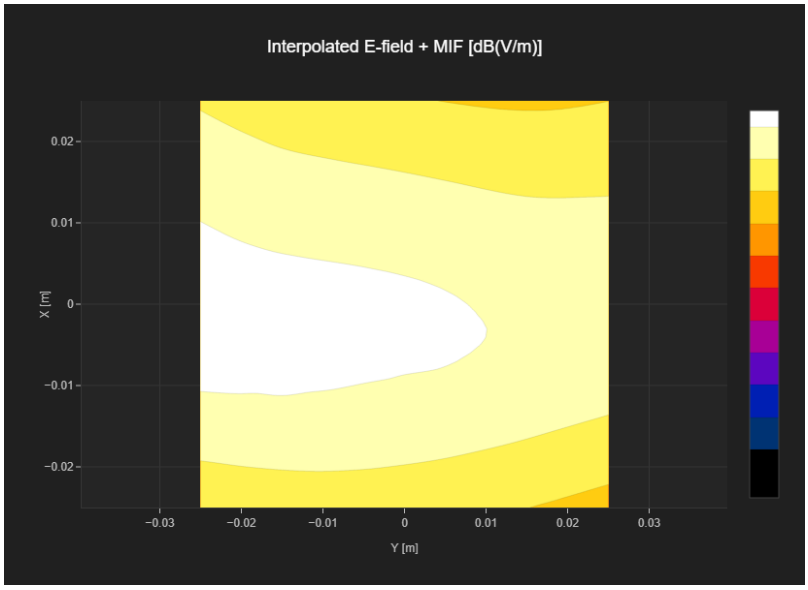
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 251 | 848.8 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 28.85 | 27.1 | 3.63 | 30.73 |



# 7_HAC_RF_GSM1900_GSM Voice_Ch512_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

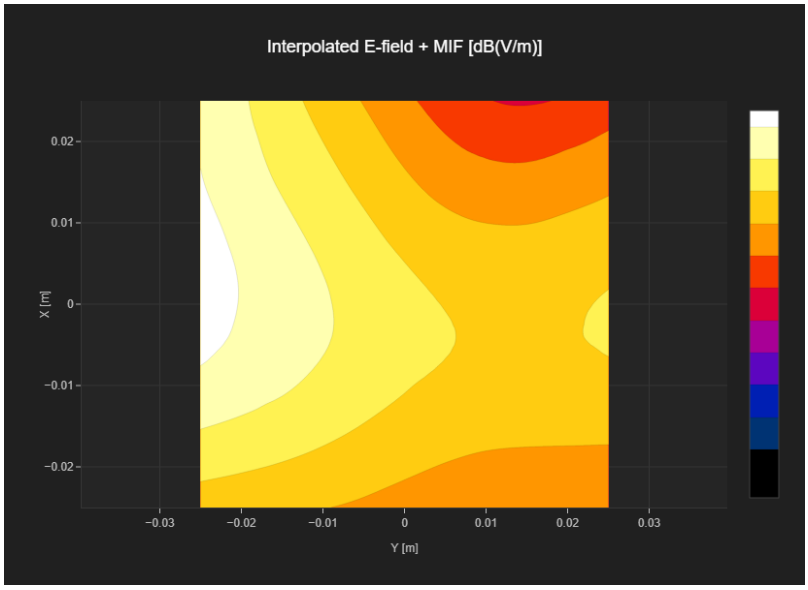
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 512 | 1850.2 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 32.62 | 28.42 | 3.63 | 32.05 |



# 8_HAC_RF_GSM1900_GSM Voice_Ch661_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

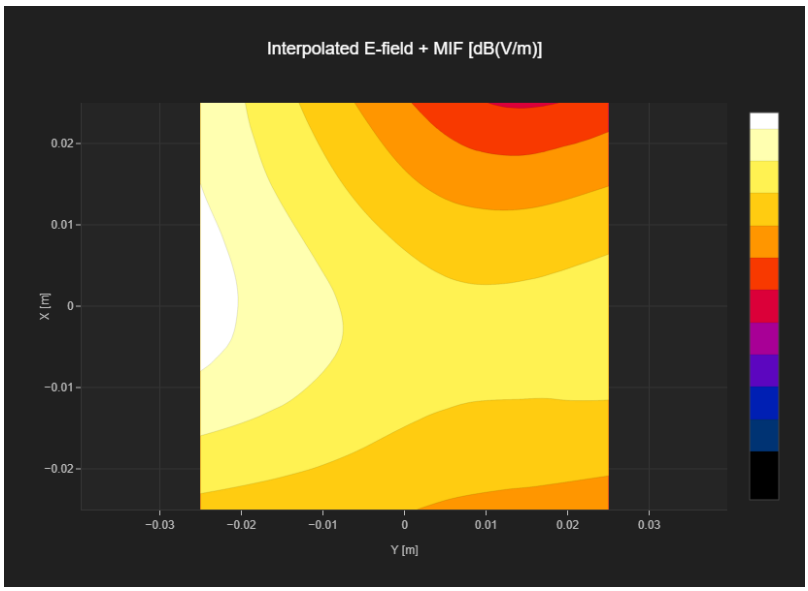
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 661 | 1880.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 30.97 | 27.05 | 3.63 | 30.68 |



# 9_HAC_RF_GSM1900_GSM Voice_Ch810_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

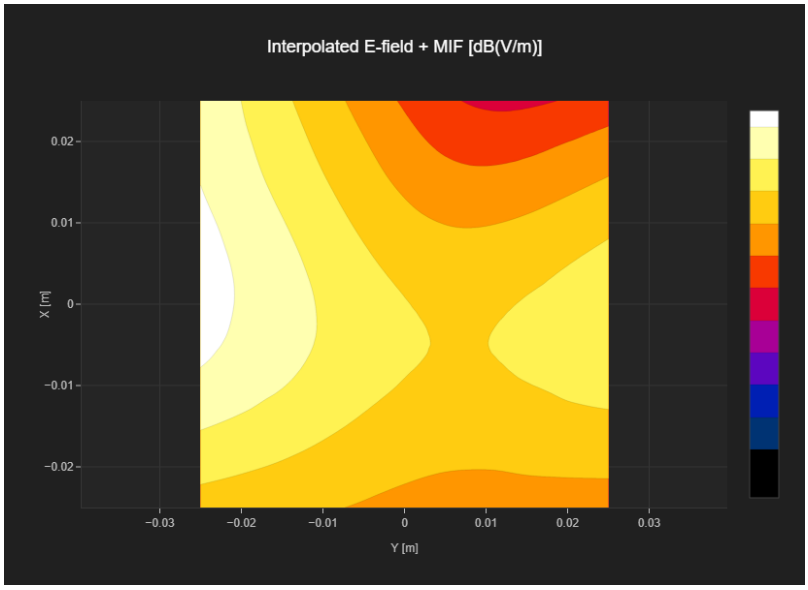
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 810 | 1909.8 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 31.63 | 27.39 | 3.63 | 31.02 |



# 10_HAC_RF_GSM1900_GSM Voice_Ch512_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

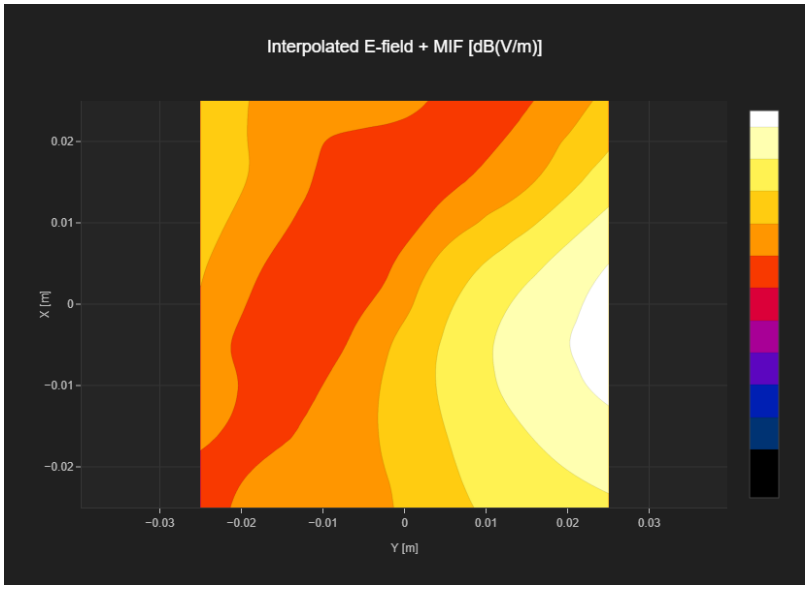
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 512 | 1850.2 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 19.39 | 13.95 | 3.63 | 17.58 |



# 11_HAC_RF_GSM1900_GSM Voice_Ch661_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

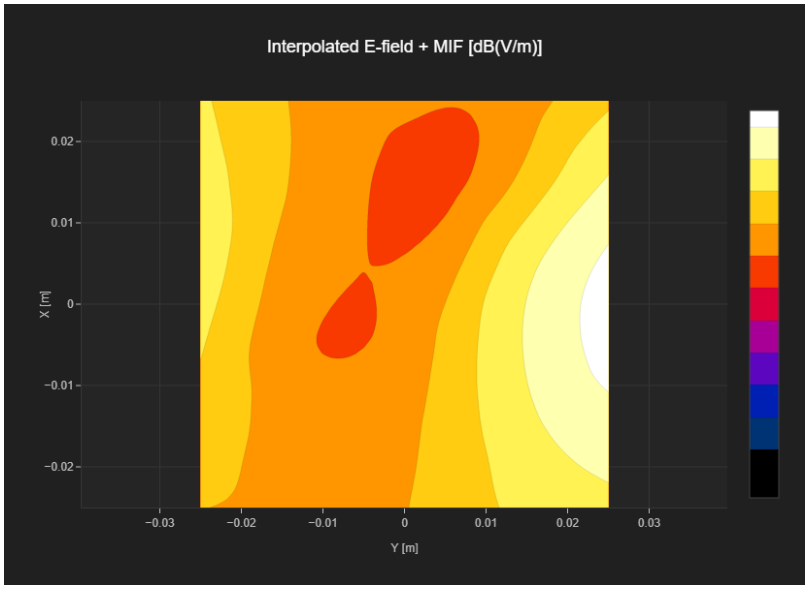
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 661 | 1880.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 19.8 | 14.66 | 3.63 | 18.29 |



# 12_HAC_RF_GSM1900_GSM Voice_Ch810_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

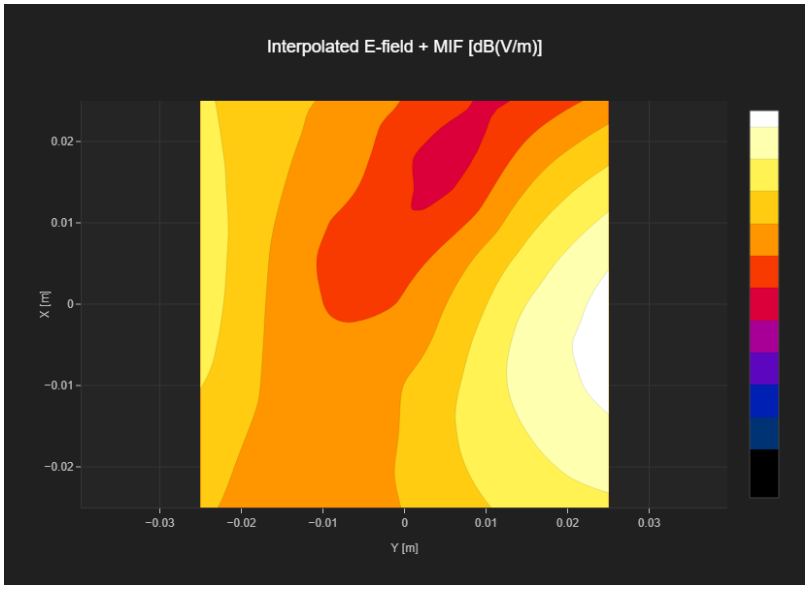
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 810 | 1909.8 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 20.05 | 14.8 | 3.63 | 18.43 |



# 13_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch39750_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

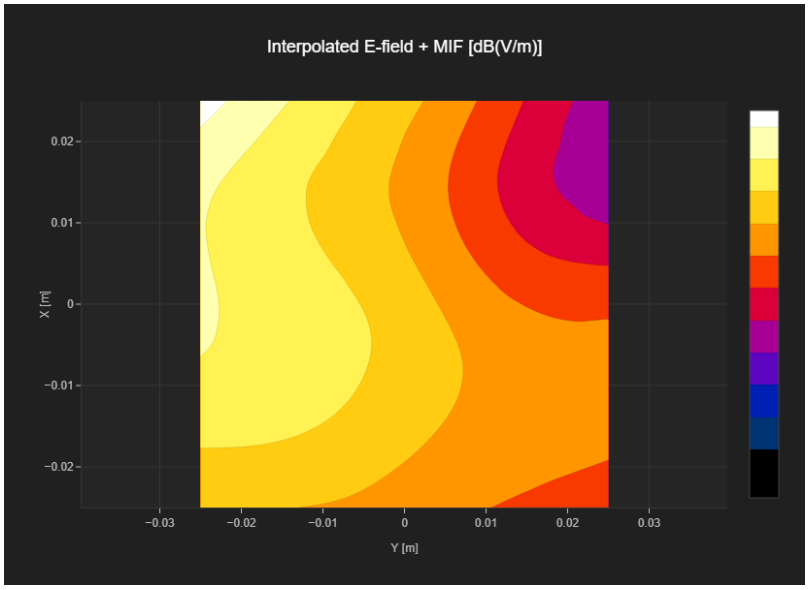
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 39750 | 2506.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 32.75 | 27.21 | -1.44 | 25.77 |



# 14_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch40185_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

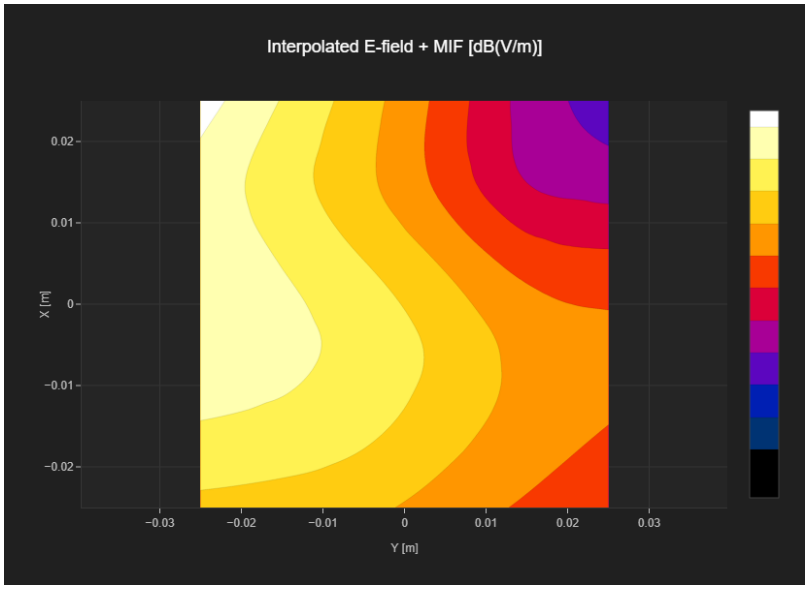
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40185 | 2549.5 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 32.23 | 27.16 | -1.44 | 25.72 |



# 15_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch40620_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

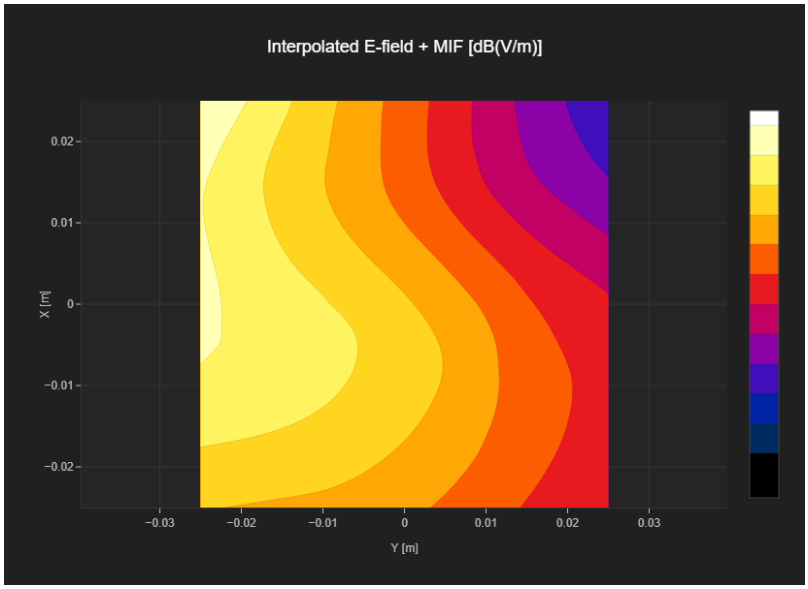
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40620 | 2593.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 32.44 | 26.93 | -1.44 | 25.49 |



# 16_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41055_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

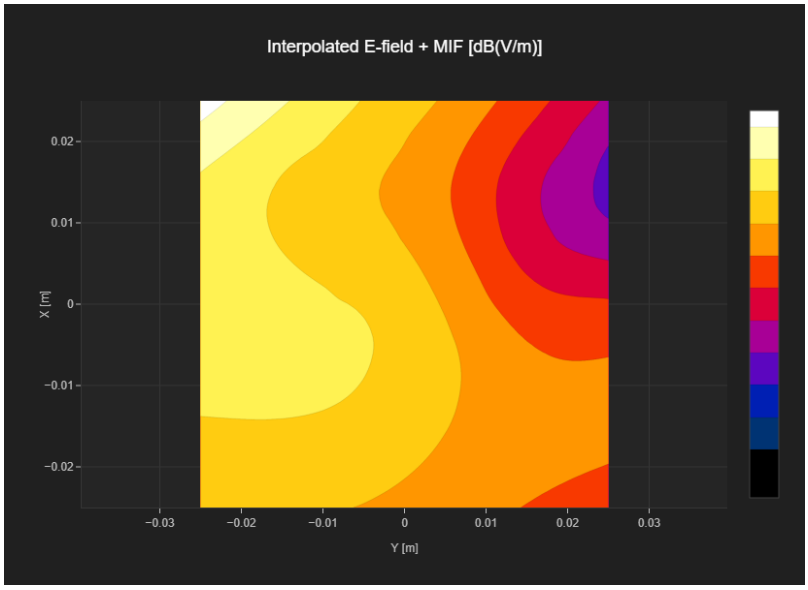
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41055 | 2636.5 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 32.81 | 27.0 | -1.44 | 25.56 |



# 17_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41490_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

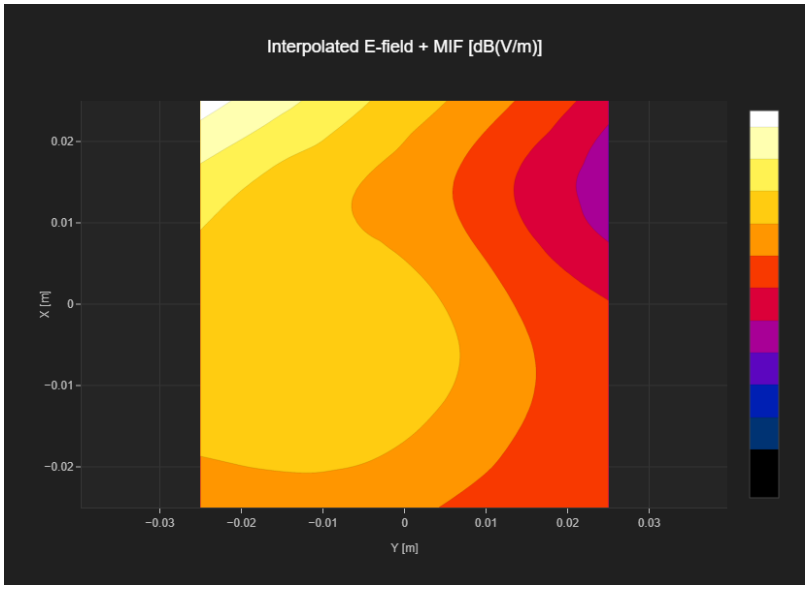
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41490 | 2680.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 32.8 | 26.6 | -1.44 | 25.16 |



# 18_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch39750_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

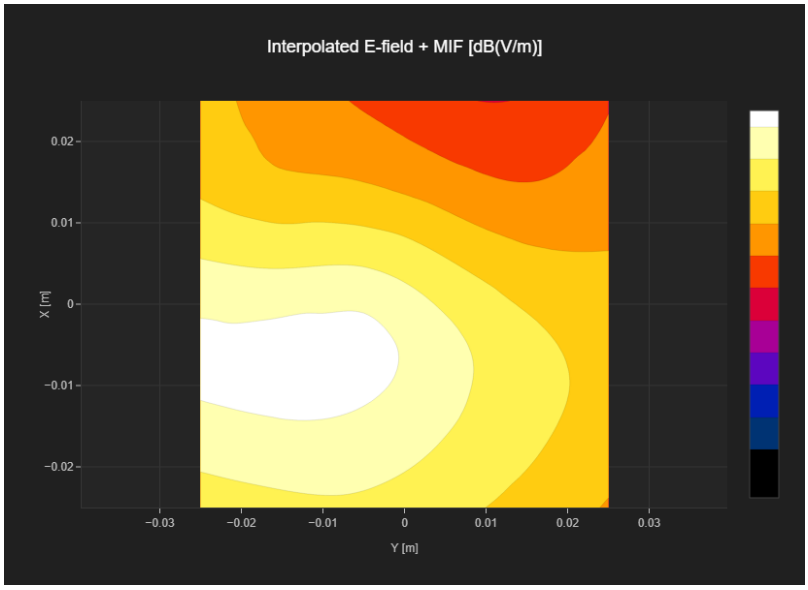
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 39750 | 2506.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 36.97 | 33.39 | -1.44 | 31.95 |



# 19_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41085_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

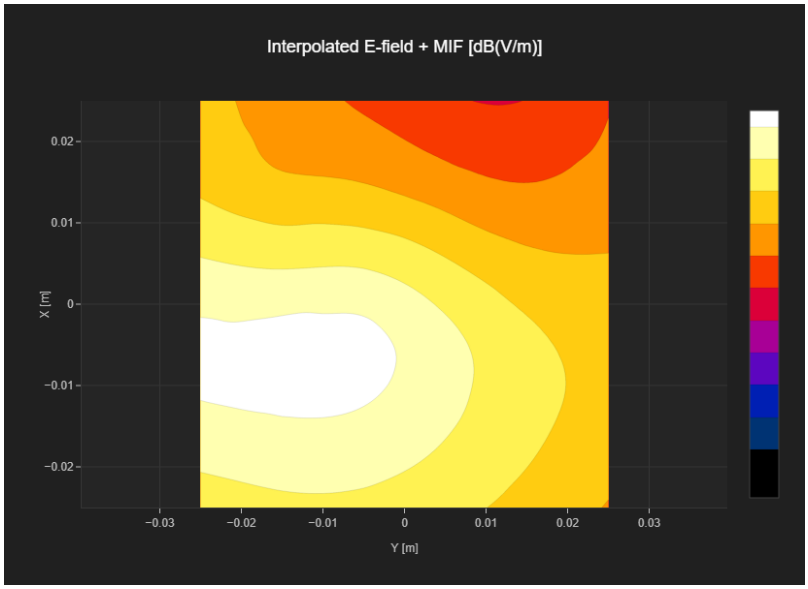
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40185 | 2549.5 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 37.0 | 33.4 | -1.44 | 31.96 |



# 20_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch40620_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

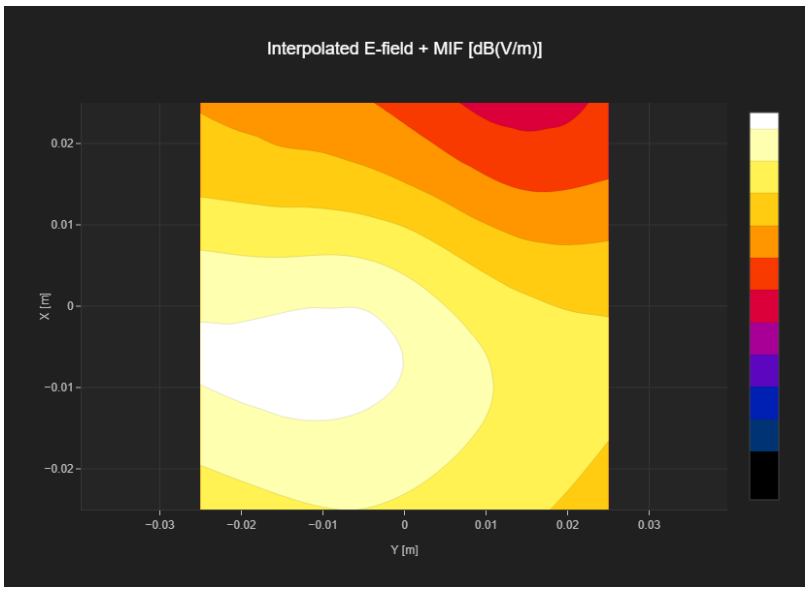
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40620 | 2593.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 36.45 | 33.12 | -1.44 | 31.68 |



# 21_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41055_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

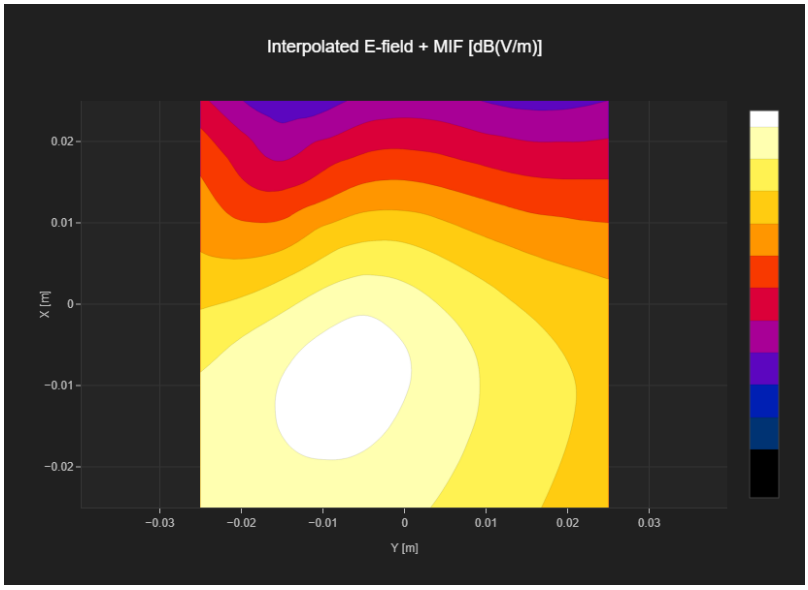
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41055 | 2636.5 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 36.6 | 32.39 | -1.44 | 30.95 |



# 22_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41490_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

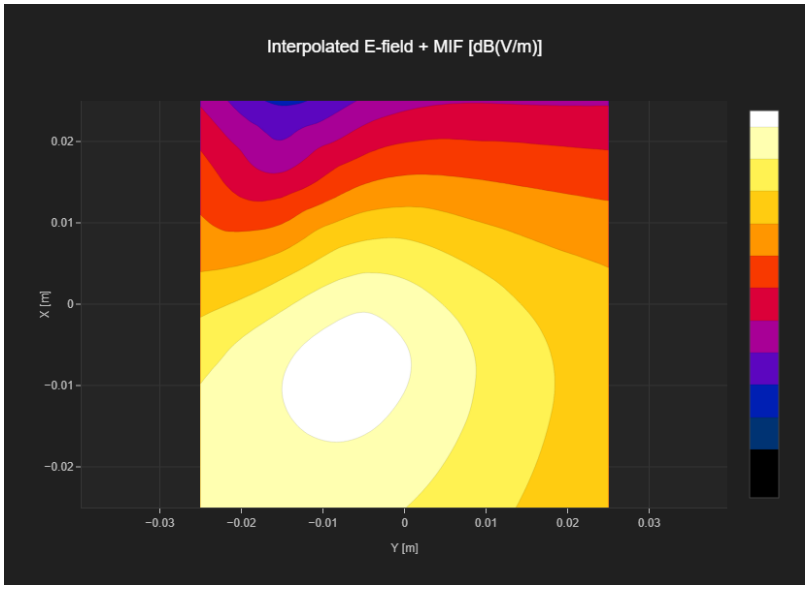
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41490 | 2680.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 37.27 | 33.02 | -1.44 | 31.58 |



# 23_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch39750_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

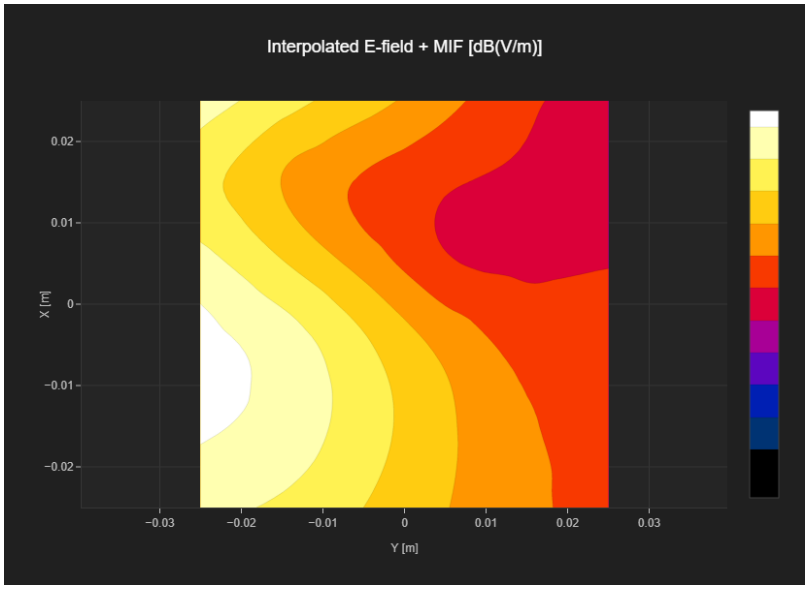
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 39750 | 2506.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 24.04 | 18.54 | -1.44 | 17.1 |



# 24_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch40185_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

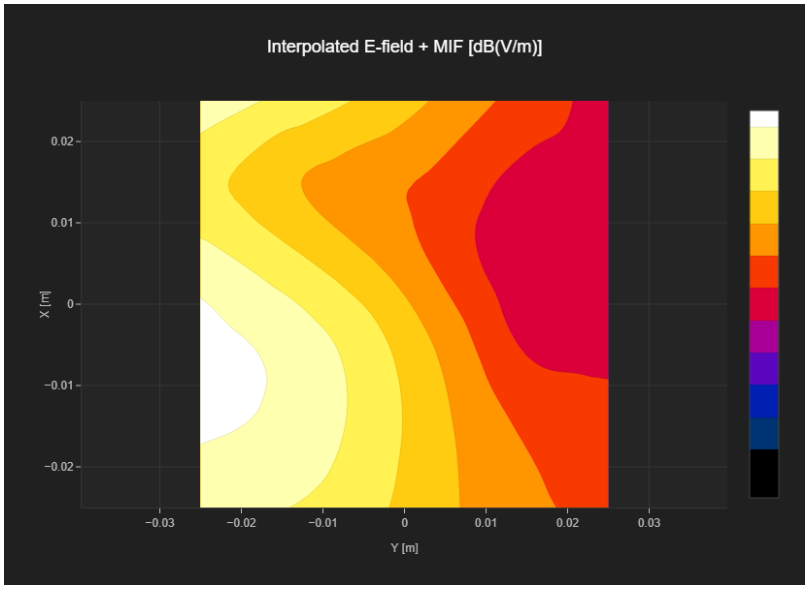
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40185 | 2549.5 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 24.49 | 19.23 | -1.44 | 17.79 |



# 25_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch40620_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

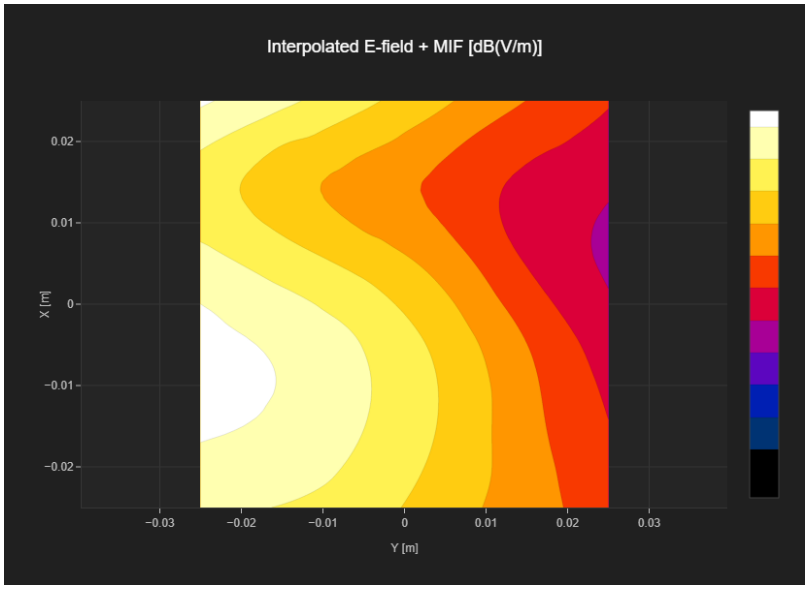
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40620 | 2593.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 25.75 | 20.97 | -1.44 | 19.53 |



# 26_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41055_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

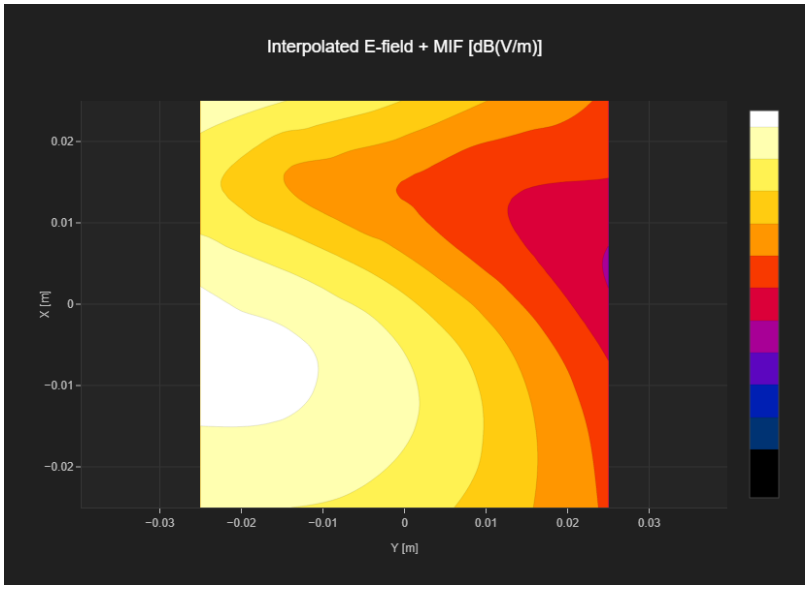
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41055 | 2636.5 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 25.61 | 21.28 | -1.44 | 19.84 |



# 27_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41490_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

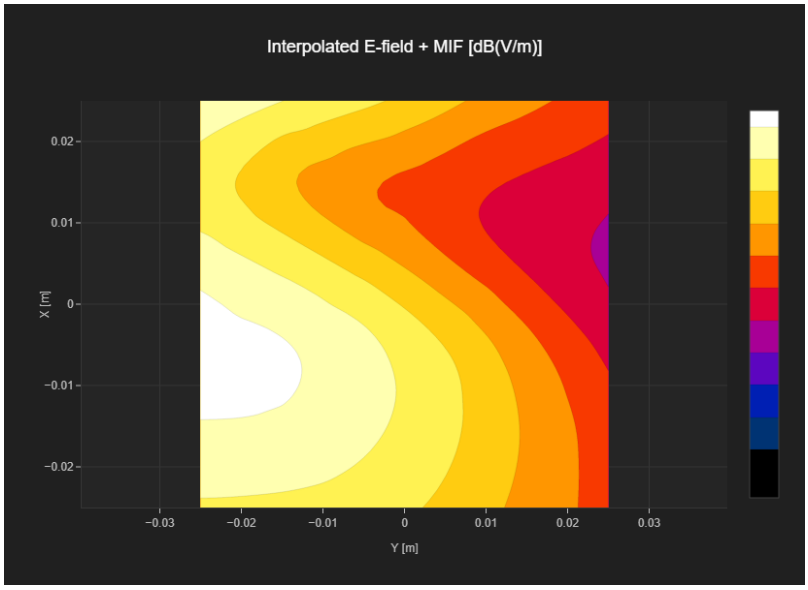
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41490 | 2680.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 26.69 | 22.03 | -1.44 | 20.59 |



# 28_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch39750_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

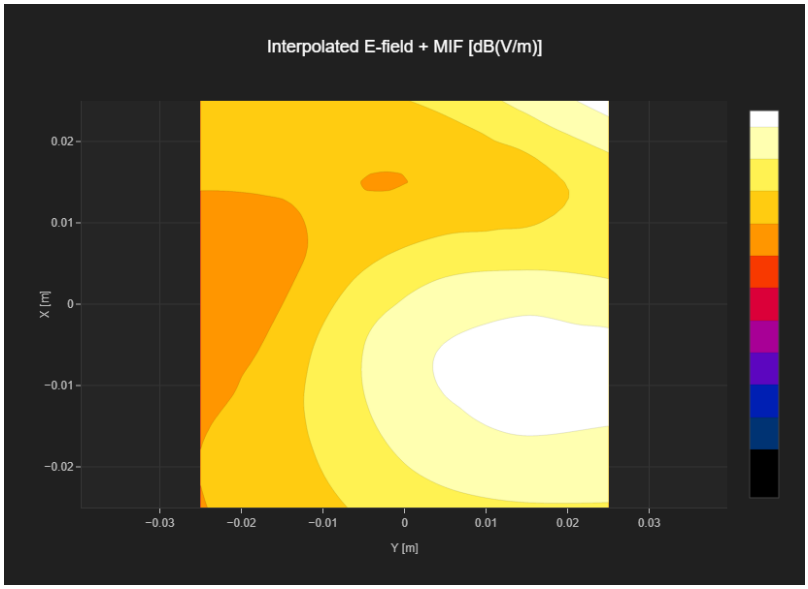
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 39750 | 2506.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 22.44 | 19.01 | -1.44 | 17.57 |



# 29_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41085_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

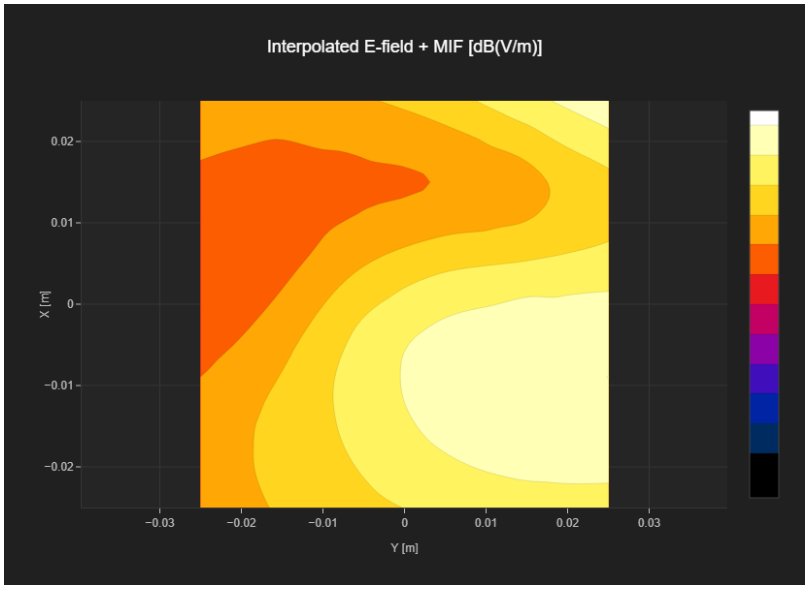
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40185 | 2549.5 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 23.41 | 19.75 | -1.44 | 18.31 |



# 30_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch40620_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

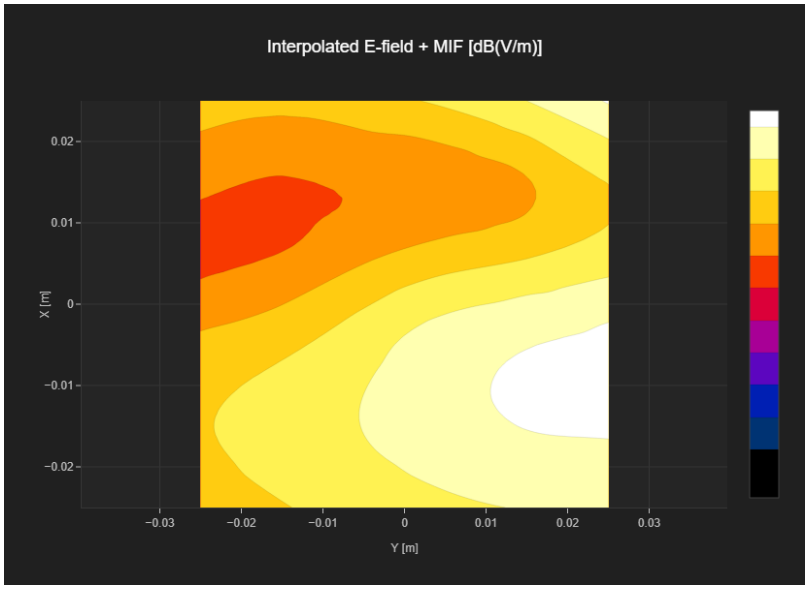
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40620 | 2593.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 23.64 | 19.78 | -1.44 | 18.34 |



# 31_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41055_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

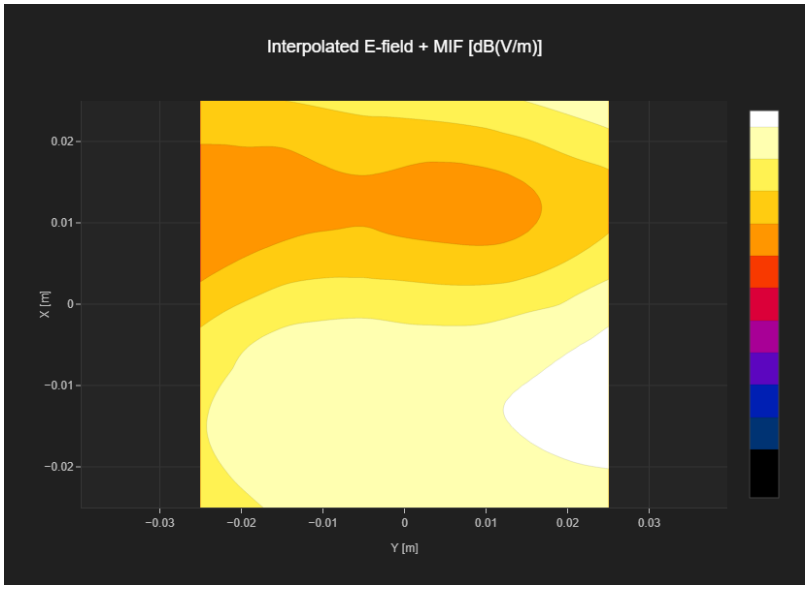
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41055 | 2636.5 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 22.88 | 19.8 | -1.44 | 18.36 |



# 32_HAC_RF_LTE Band 41_20M_QPSK_1RB_0Offset_Ch41490_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

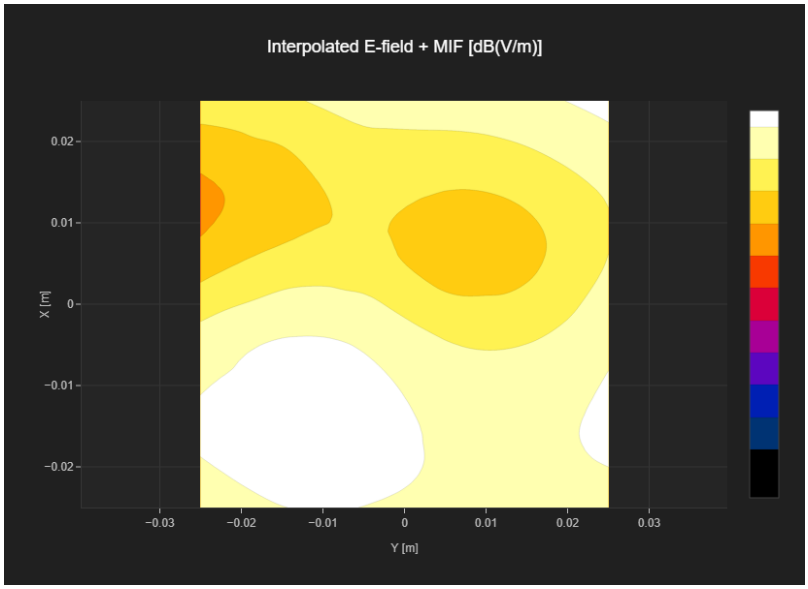
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41490 | 2680.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 19.99 | 17.81 | -1.44 | 16.37 |



# 33_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch509202_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

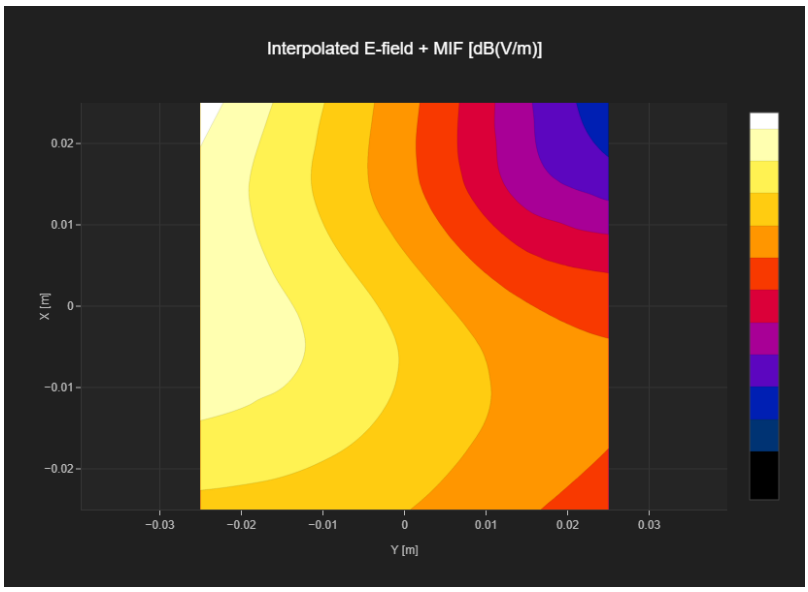
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 36.48 | 31.19 | -1.64 | 29.55 |



# 34_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch518598_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

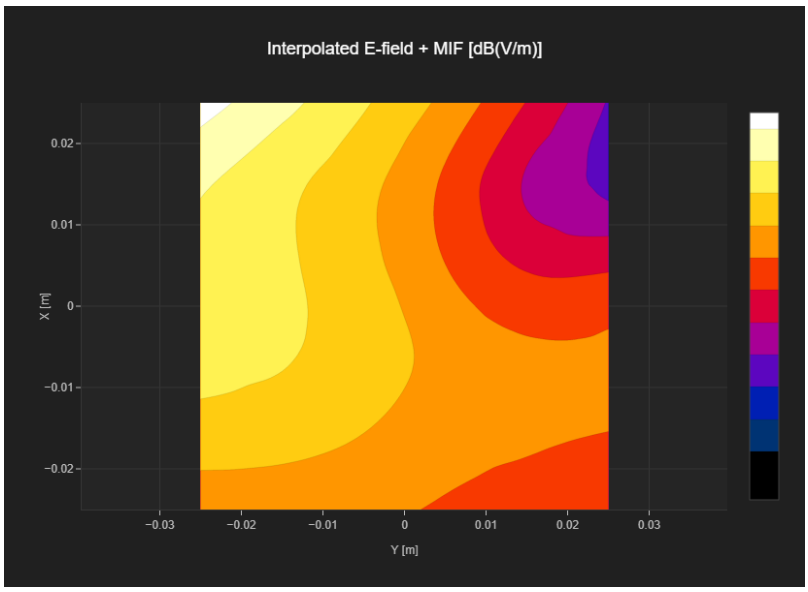
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 36.06 | 29.92 | -1.64 | 28.28 |



# 35_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch528000_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

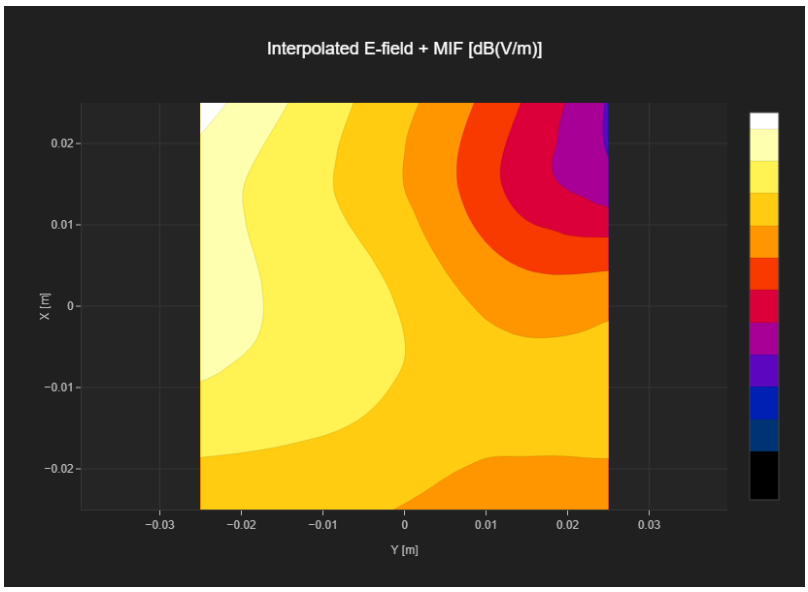
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 35.71 | 30.73 | -1.64 | 29.09 |



# 36_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch509202_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

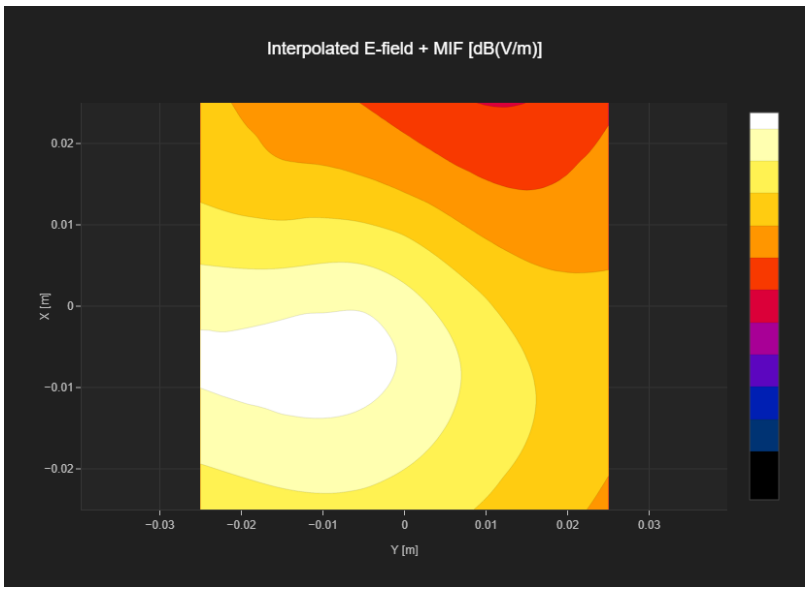
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 36.83 | 33.14 | -1.64 | 31.5 |



# 37_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch518598_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

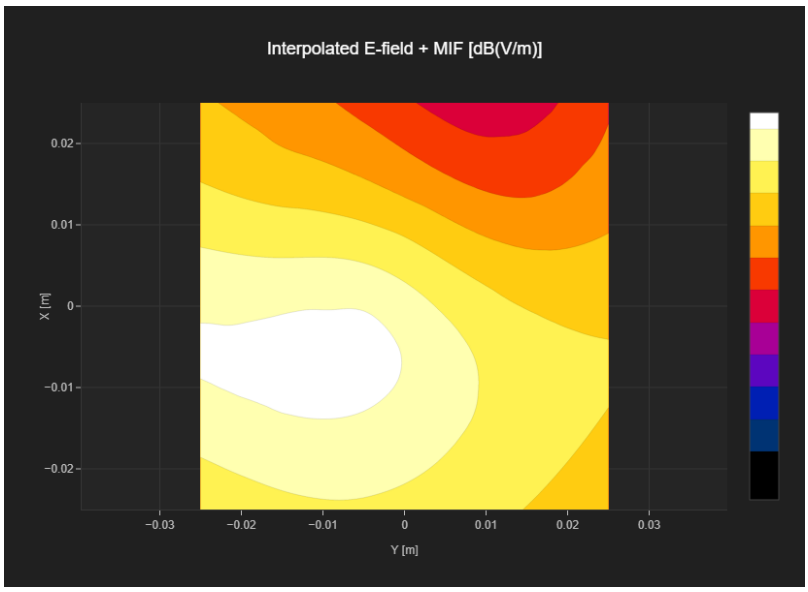
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 37.17 | 33.69 | -1.64 | 32.05 |



# 38_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch528000_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

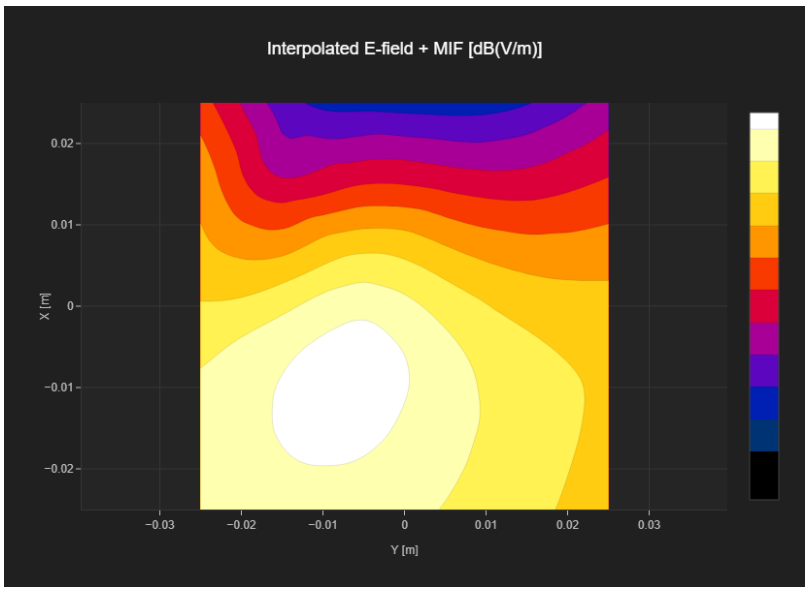
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 35.57 | 31.16 | -1.64 | 29.52 |



# 39_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch509202_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

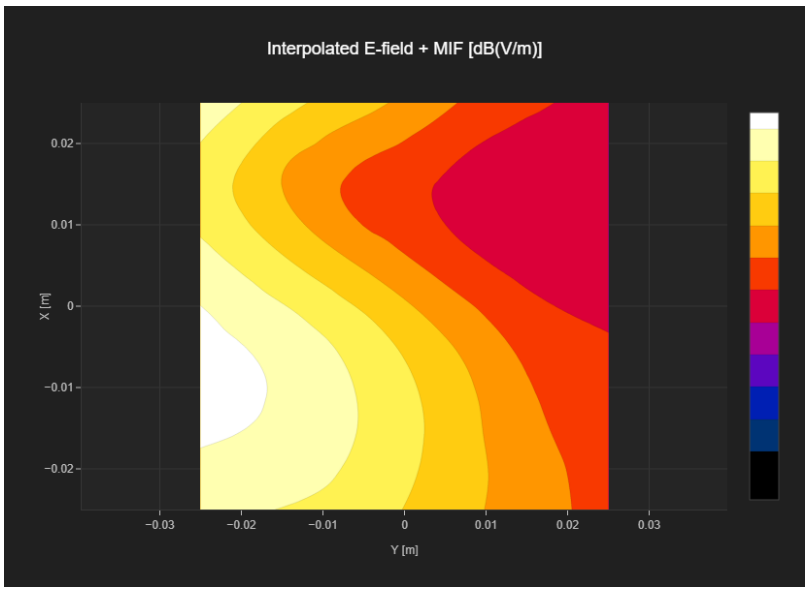
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 24.13 | 18.88 | -1.64 | 17.24 |



# 40_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch518598_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

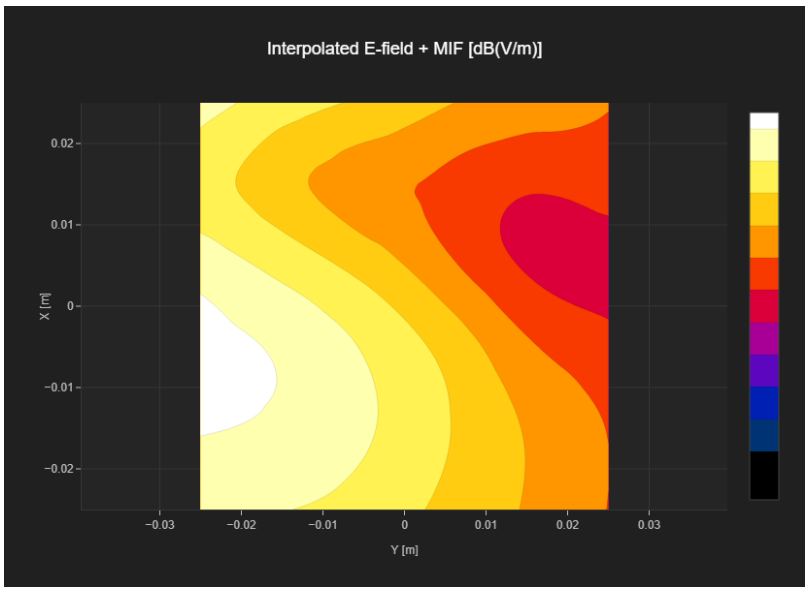
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 25.01 | 20.37 | -1.64 | 18.73 |



# 41_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch528000_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

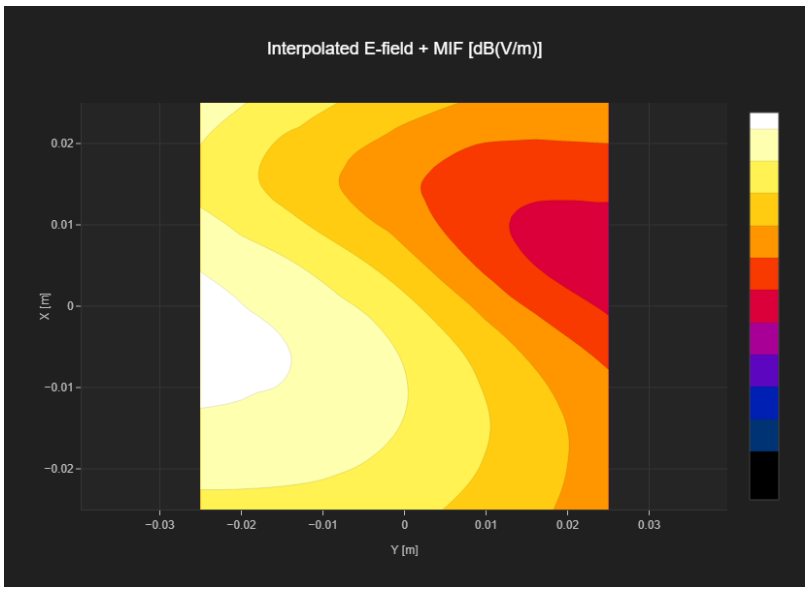
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 25.69 | 21.43 | -1.64 | 19.79 |



# 42_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch509202_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

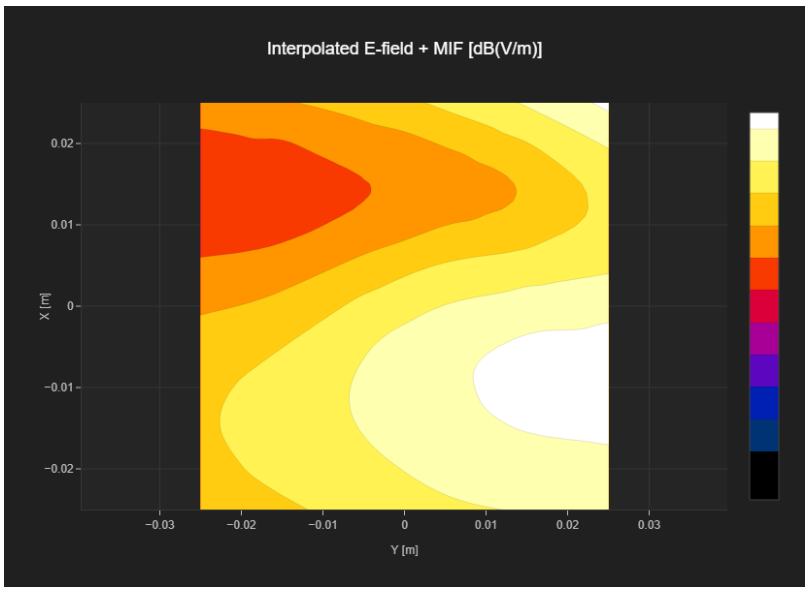
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 22.94 | 19.21 | -1.64 | 17.57 |



# 43_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch518598_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

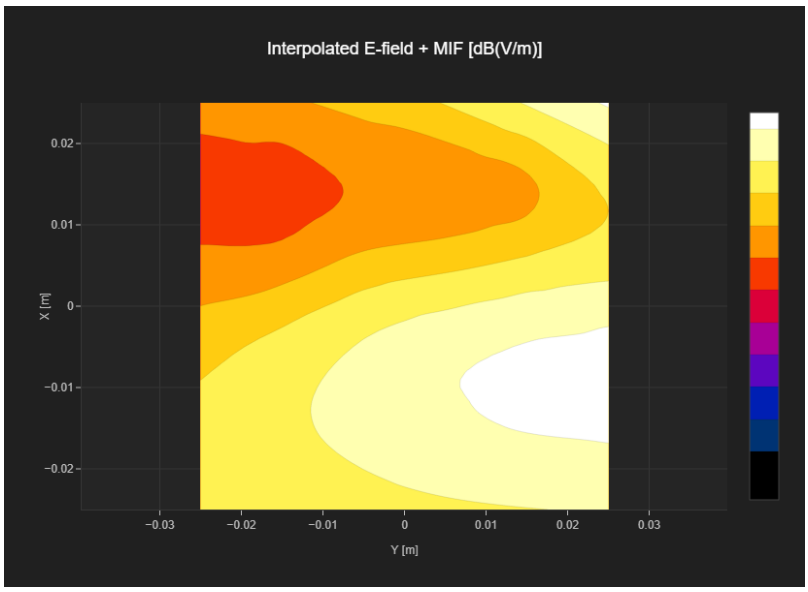
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 22.11 | 18.47 | -1.64 | 16.83 |



# 44_FR1 n41_100M_QPSK_1RB_1Offset_DFT-30_Ch528000_E

Measurement performed on March 15, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

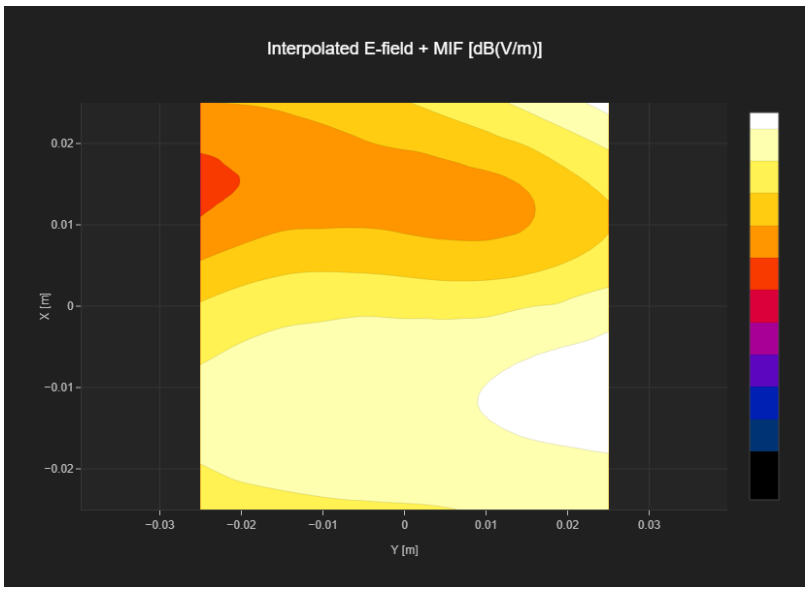
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 20.35 | 17.19 | -1.64 | 15.55 |



# 45_FR1 n77_100M_QPSK_1RB_1Offset_DFT-30_Ch633332_E

Measurement performed on March 18, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

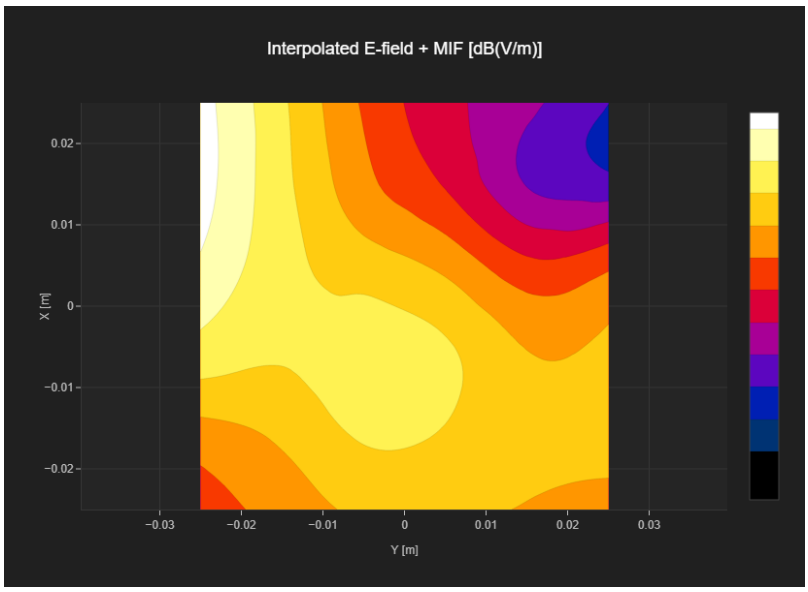
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 633332 | 3499.98 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 38.76 | 33.15 | -1.64 | 31.51 |



# 46_FR1 n77_100M_QPSK_1RB_1Offset_DFT-30_Ch650000_E

Measurement performed on March 18, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

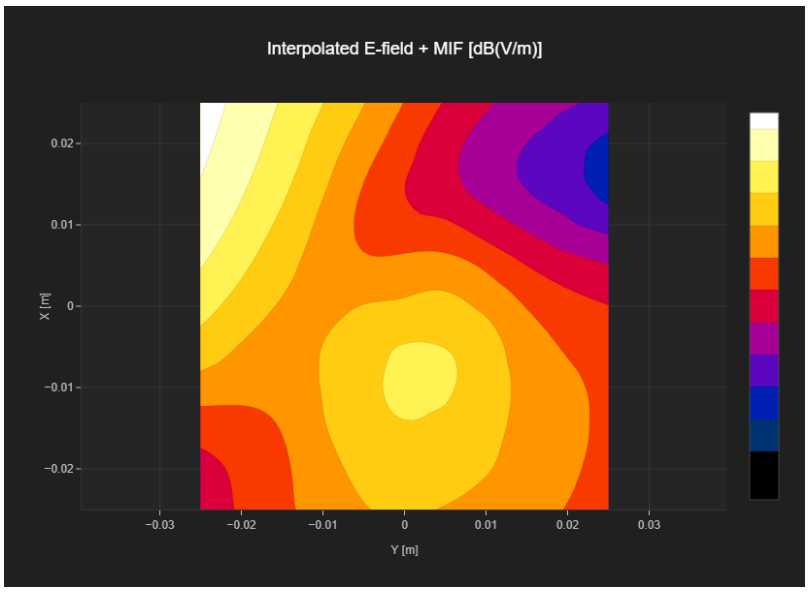
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 650000 | 3750.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 34.54 | 27.93 | -1.64 | 26.29 |



# 47_FR1 n77_100M_QPSK_1RB_1Offset_DFT-30_Ch656000_E

Measurement performed on March 18, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

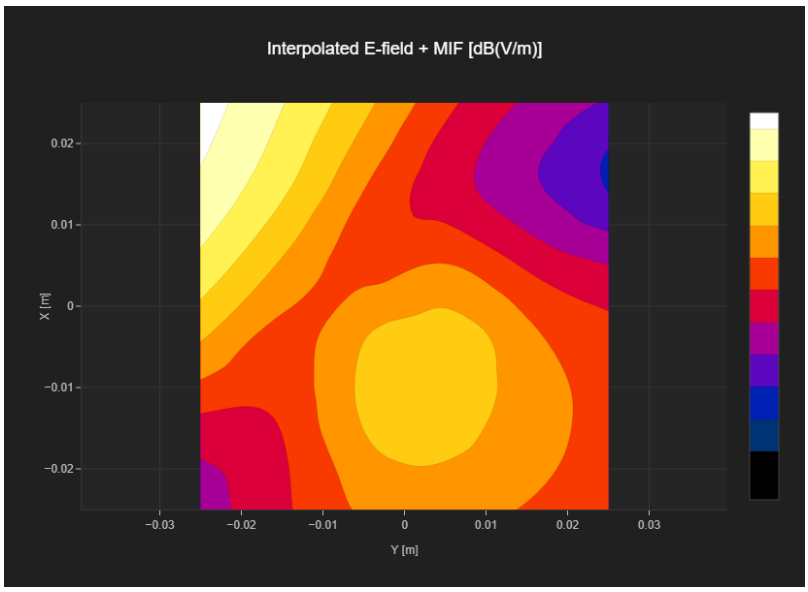
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 656000 | 3840.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 35.11 | 27.96 | -1.64 | 26.32 |



# 48_FR1 n77_100M_QPSK_1RB_1Offset_DFT-30_Ch662000_E

Measurement performed on March 18, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

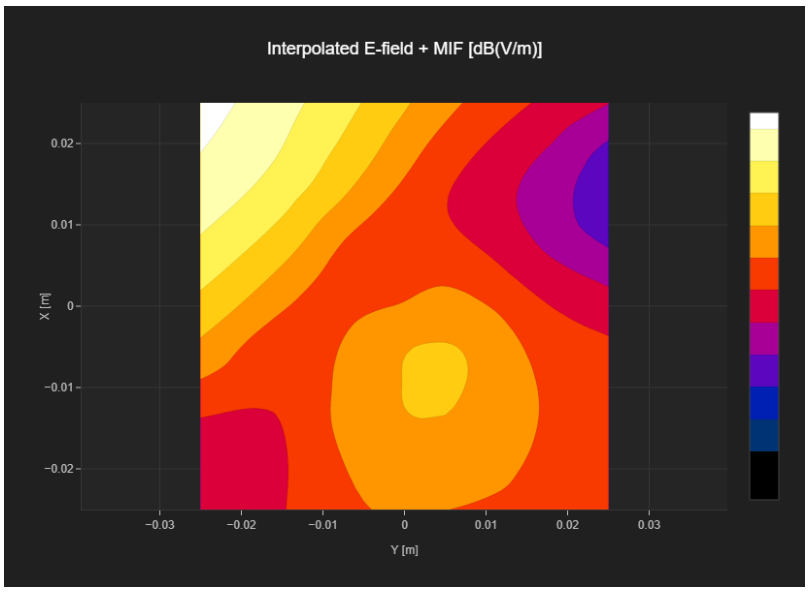
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 662000 | 3930.0 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 34.63 | 27.41 | -1.64 | 25.77 |



# 49_FR1 n77_100M_QPSK_1RB_1Offset_DFT-30_Ch633332_E

Measurement performed on March 18, 2024

## Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|---|---|---|---|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

## Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---|---|---|---|
| EF3DV3 - SN4053 | September 15, 2023 | DAE4 Sn1664 | June 06, 2023 |

## Communication Systems

| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---|---|---|---|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 633332 | 3499.98 |

## Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---|---|---|---|---|
| 50.0 | 50.0 | 10.0 | 10.0 | 15.0 |

## Results

| Emax [dB(V/m)] | Eavg50x50 max [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|---|---|---|---|
| 30.52 | 26.03 | -1.64 | 24.39 |