

1_GSM850_GSM Voice_Ch128_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

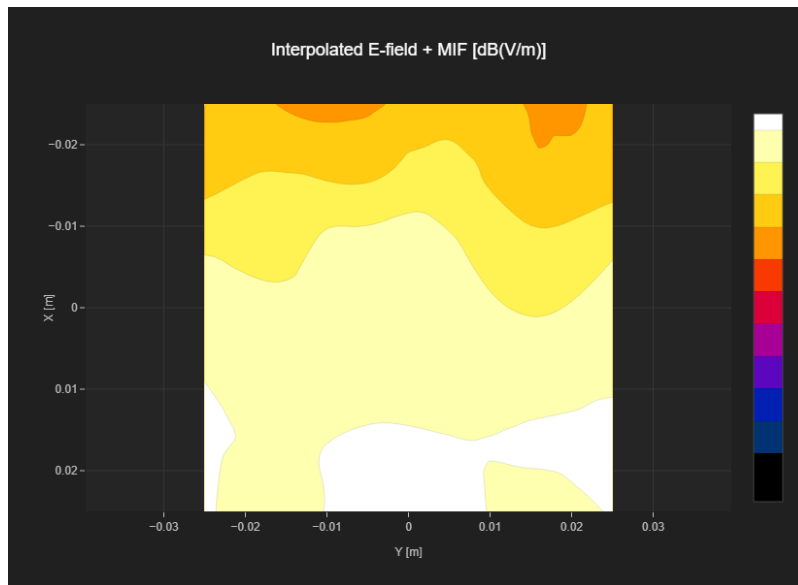
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 128 | 824.2 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 10.87 | 9.83 | 3.63 | 13.46 |



2_GSM850_GSM Voice_Ch189_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

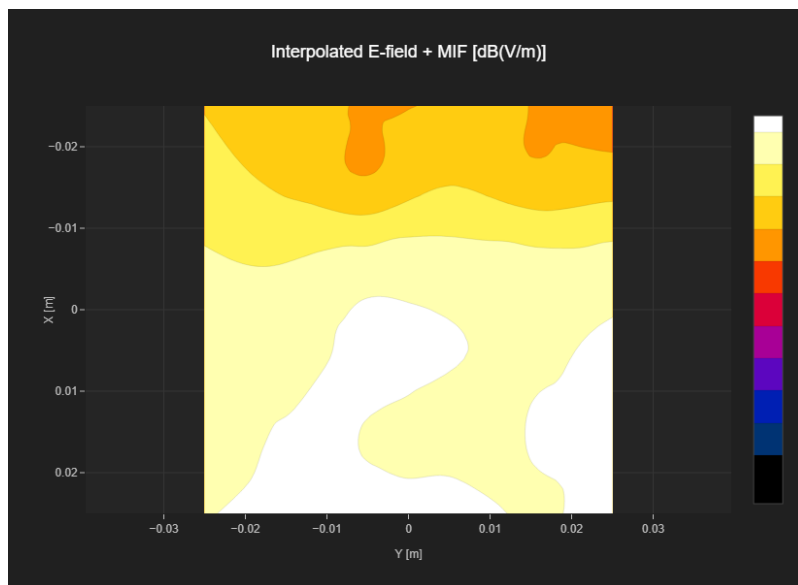
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 189 | 836.4 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 12.65 | 10.96 | 3.63 | 14.59 |



3_GSM850_GSM Voice_Ch251_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

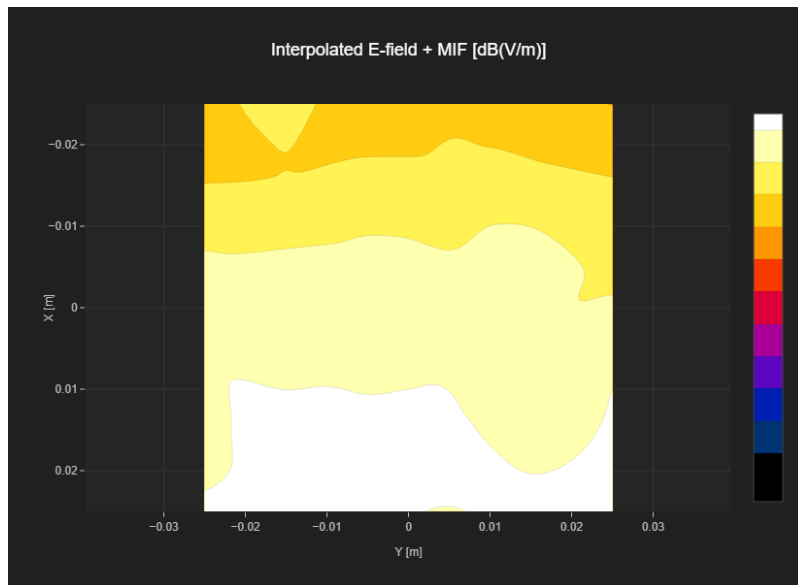
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 251 | 848.8 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 12.45 | 10.46 | 3.63 | 14.09 |



4_GSM1900_GSM Voice_Ch512_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

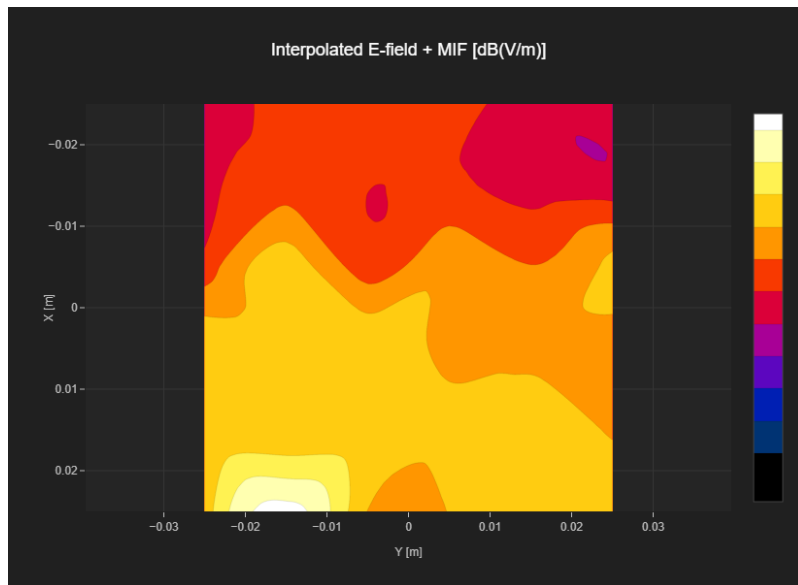
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 512 | 1850.2 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 17.34 | 10.71 | 3.63 | 14.34 |



5_GSM1900_GSM Voice_Ch661_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

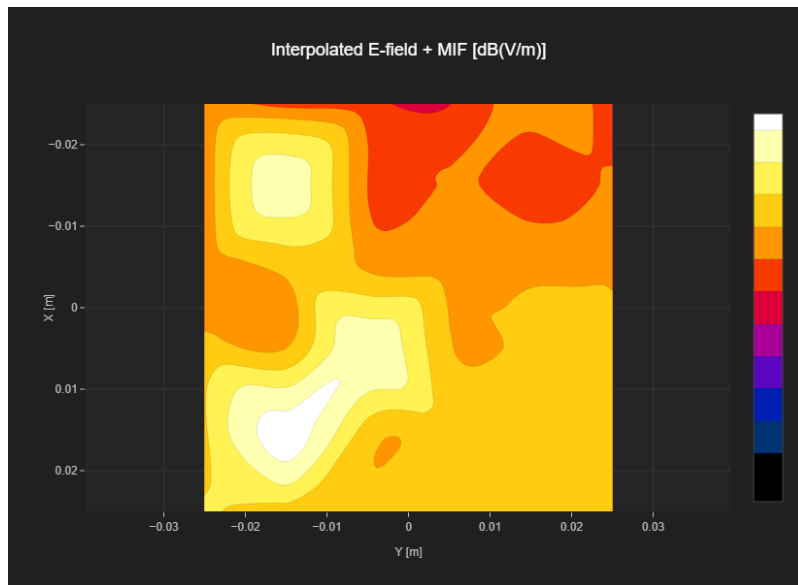
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 661 | 1880.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 17.23 | 12.15 | 3.63 | 15.78 |



6_GSM1900_GSM Voice_Ch810_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

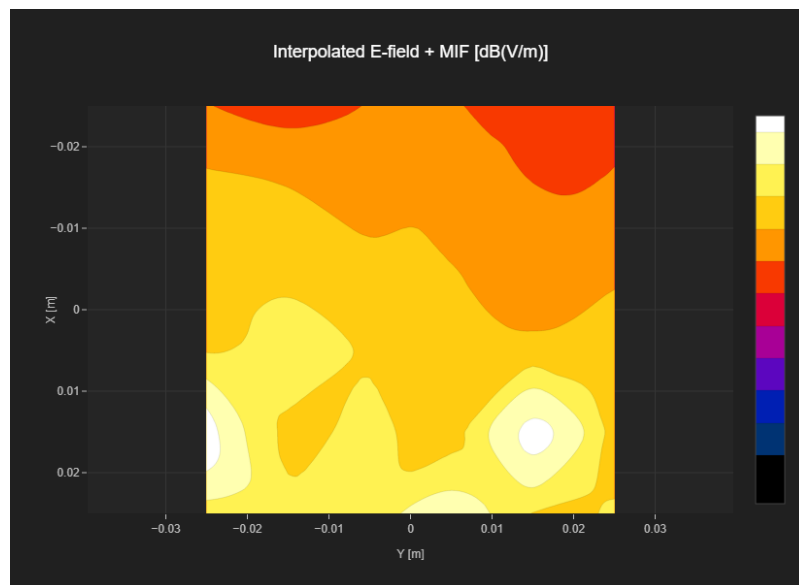
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 810 | 1909.8 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 15.49 | 10.96 | 3.63 | 14.59 |



7_LTE Band 41_20M_QPSK_1RB_49Offset_Ch39750_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

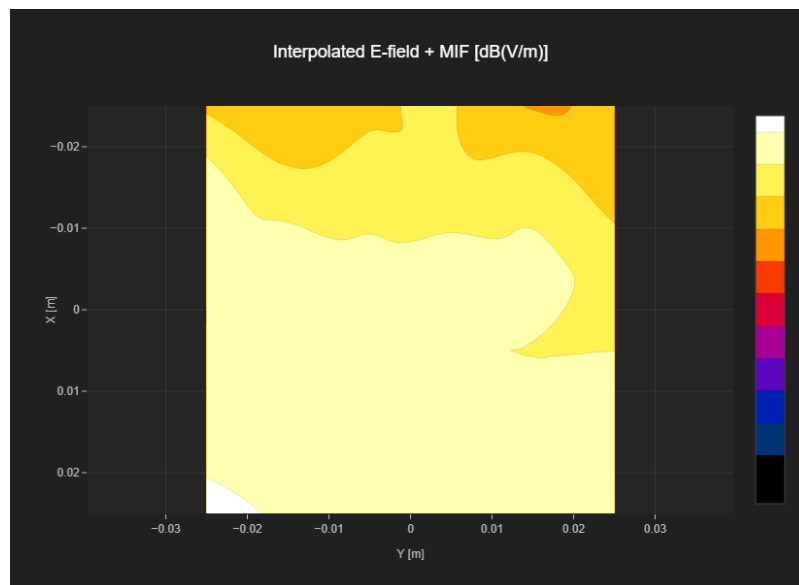
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 39750 | 2506.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 13.0 | 11.89 | -1.44 | 10.45 |



8_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40185_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

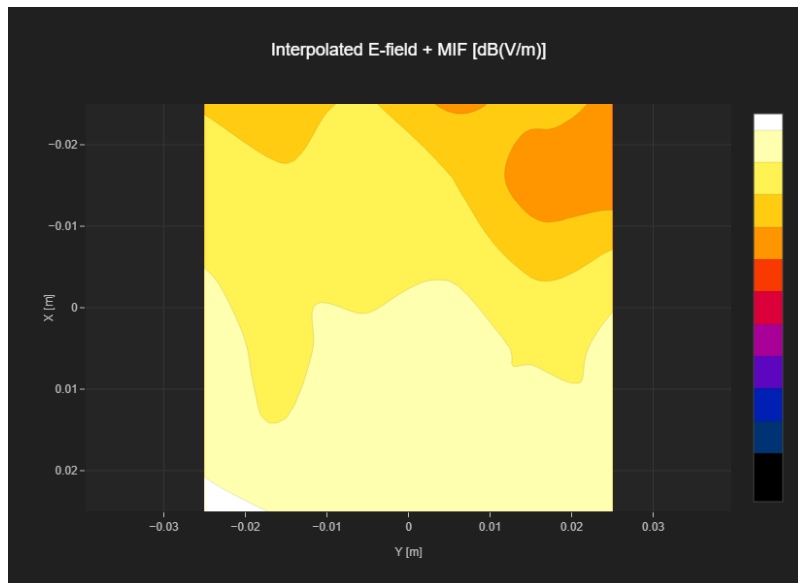
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40185 | 2549.5 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 12.8 | 11.03 | -1.44 | 9.59 |



9_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40620_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

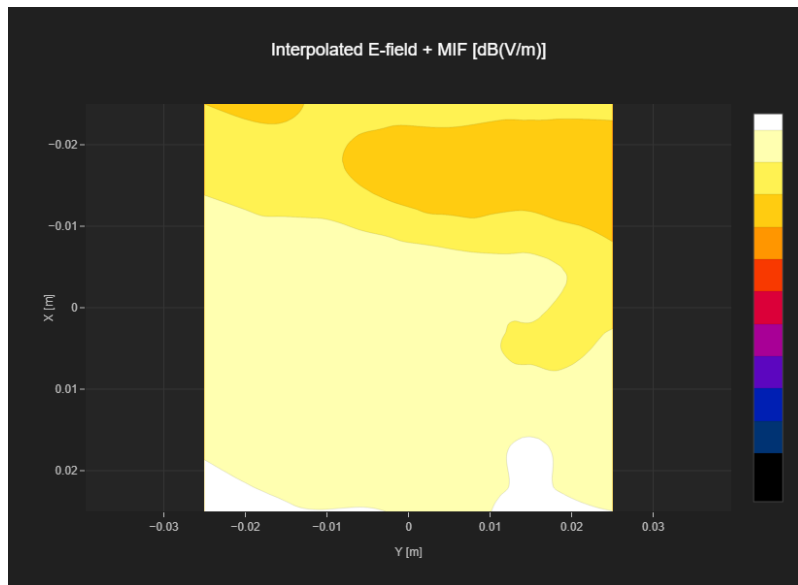
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40620 | 2593.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 12.32 | 10.69 | -1.44 | 9.25 |



10_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41055_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

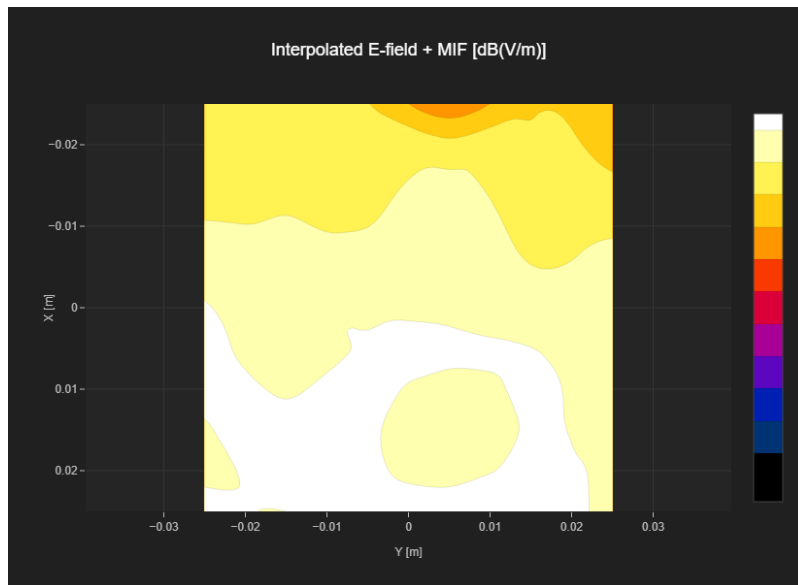
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41055 | 2636.5 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 12.36 | 10.78 | -1.44 | 9.34 |



11_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41490_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

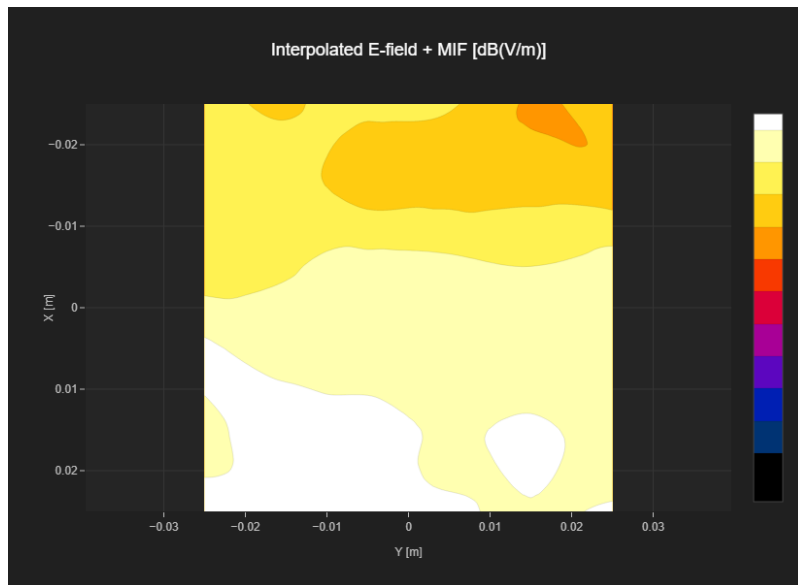
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41490 | 2680.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 12.77 | 10.7 | -1.44 | 9.26 |



37_LTE Band 41_20M_QPSK_1RB_49Offset_Ch39750_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

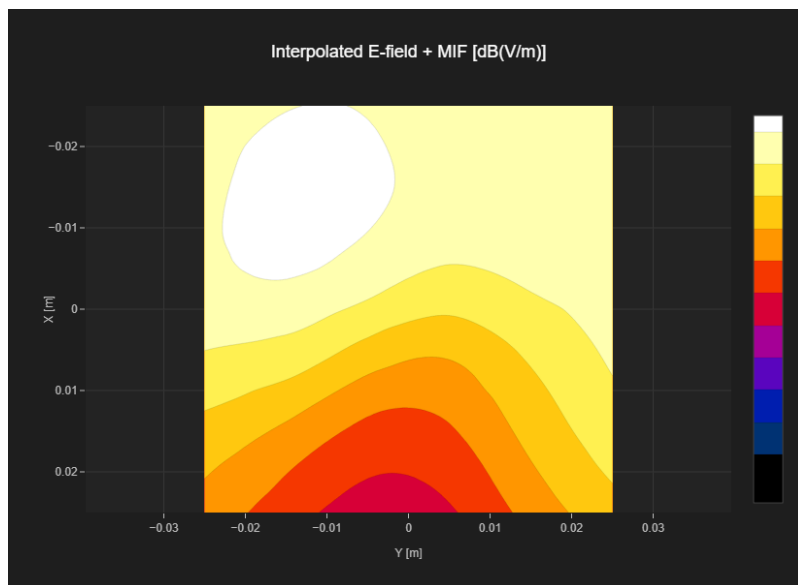
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---------------------------------------|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 39750 | 2506.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 31.9 | 28.85 | -1.62 | 27.23 |



38_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40185_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

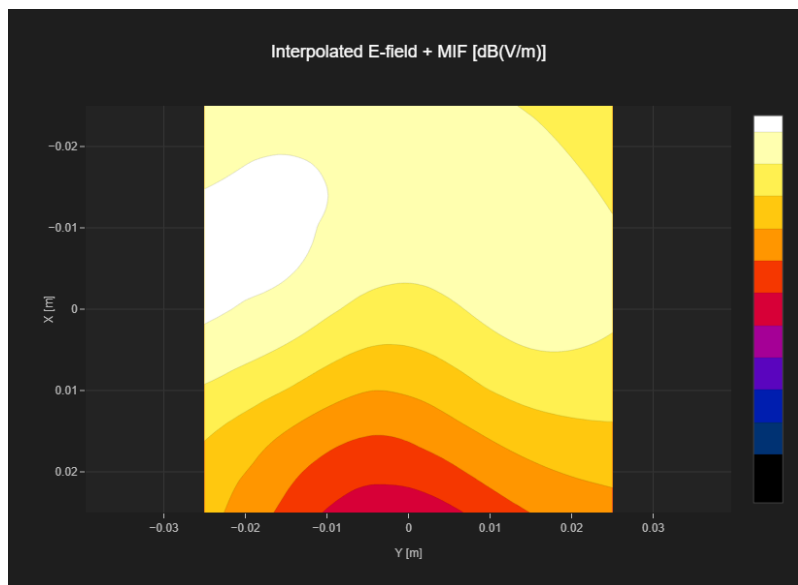
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---------------------------------------|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40185 | 2549.5 |

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

| E _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 31.84 | 30.0 | -1.62 | 28.38 |



39_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40620_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

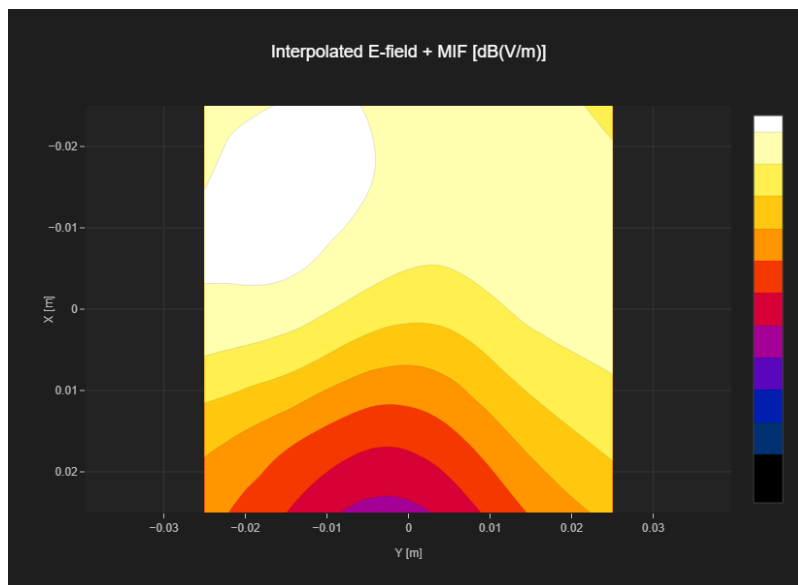
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---------------------------------------|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620 | 2593.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 33.22 | 30.17 | -1.62 | 28.55 |



40_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41055_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

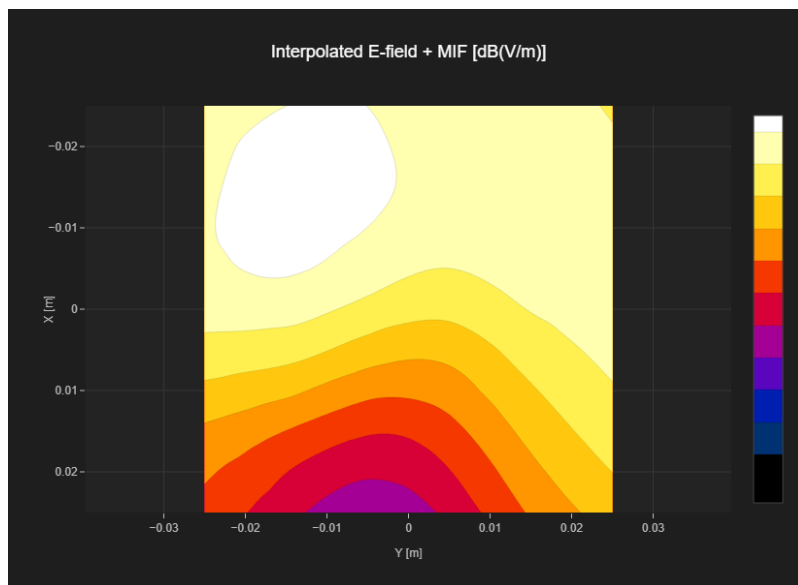
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---------------------------------------|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 41055 | 2636.5 |

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 | 29.64 | -1.62 | 28.02 |



41_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41490_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

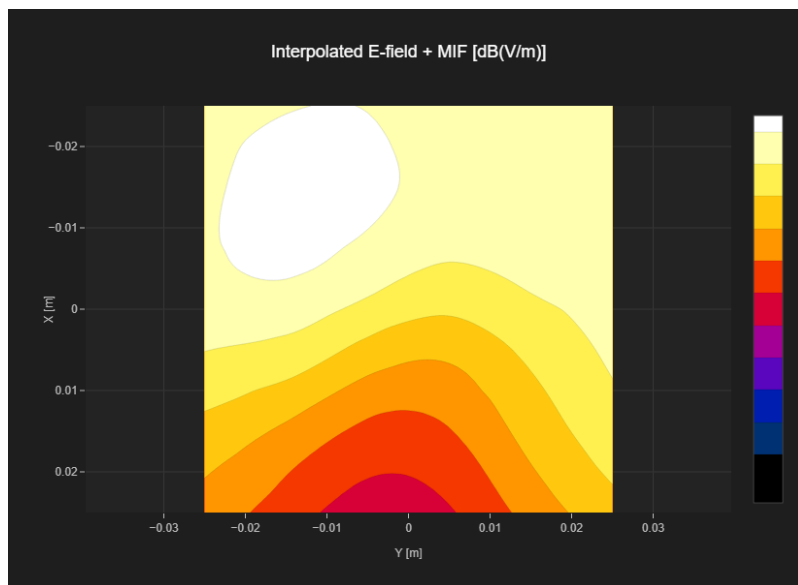
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---------------------------------------|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 41490 | 2680.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 31.89 | 28.86 | -1.62 | 27.24 |



12_LTE Band 41_20M_QPSK_1RB_49Offset_Ch39750_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

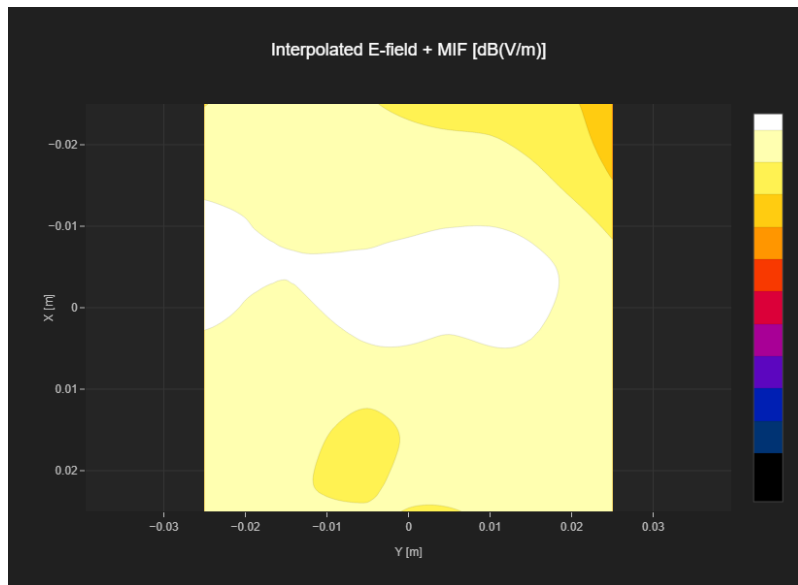
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 39750 | 2506.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 14.67 | 13.5 | -1.44 | 12.06 |



13_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40185_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

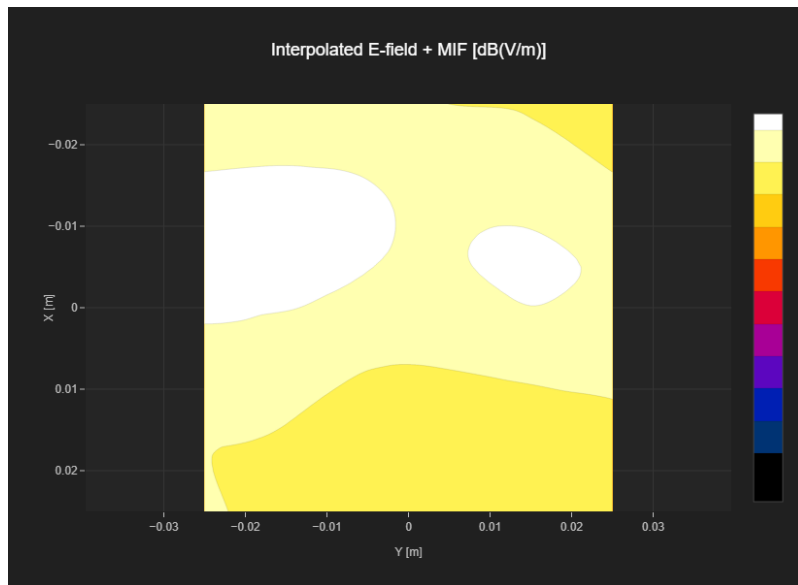
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40185 | 2549.5 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 16.0 | 14.26 | -1.44 | 12.82 |



14_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40620_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

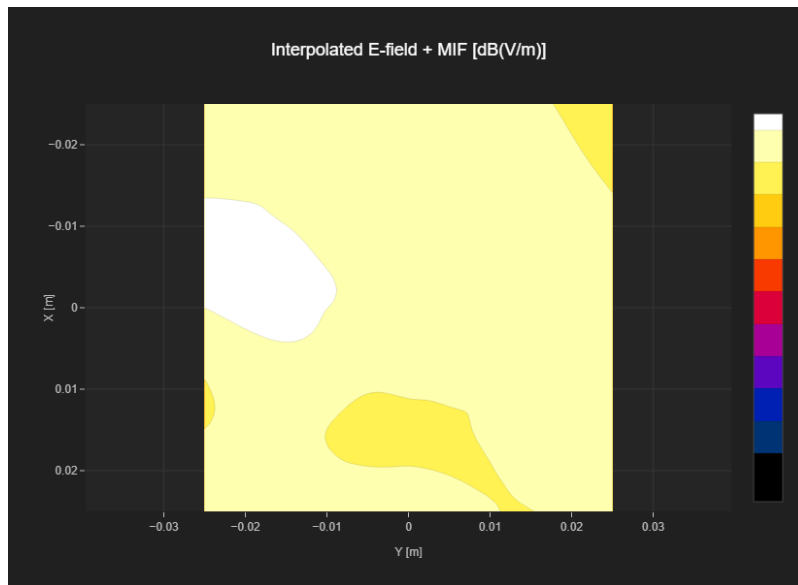
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 40620 | 2593.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 13.87 | 13.08 | -1.44 | 11.64 |



15_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41055_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

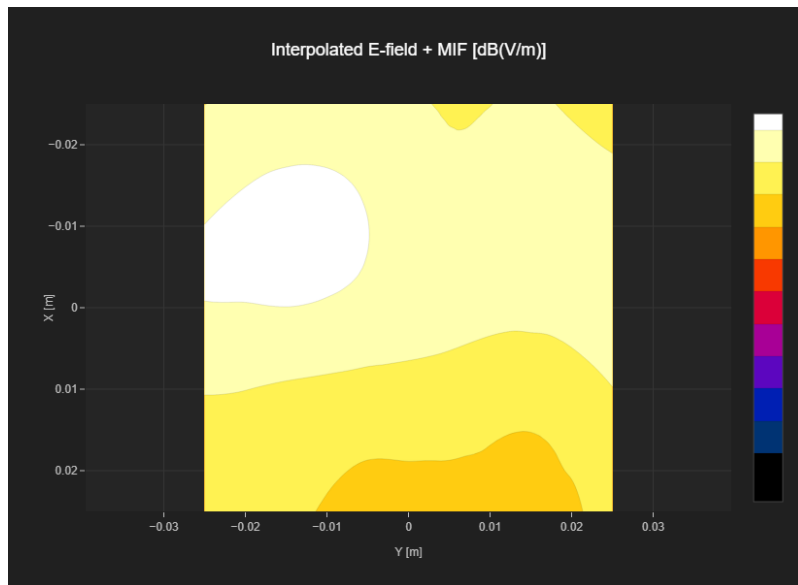
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41055 | 2636.5 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 17.83 | 15.61 | -1.44 | 14.17 |



16_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41490_E

Measurement performed on June 30, 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 Sn715 | January 25, 2024 |

Communication Systems

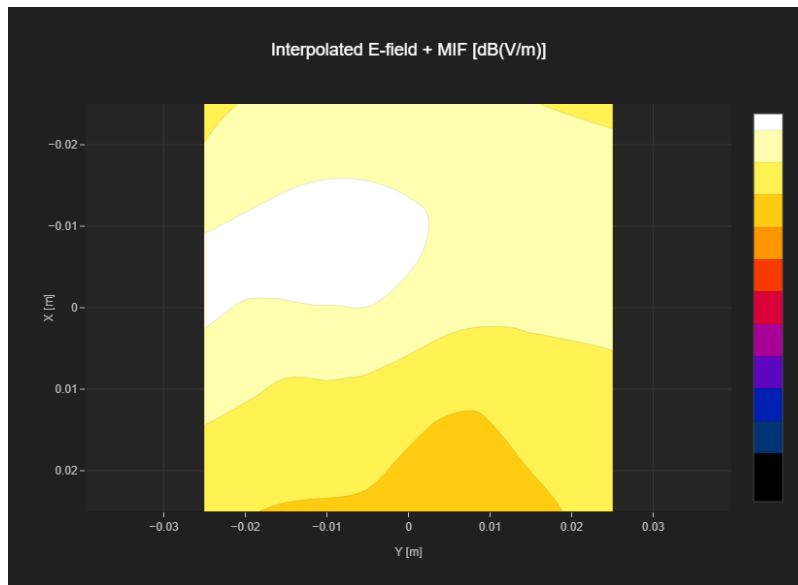
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | 41490 | 2680.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 17.22 | 15.16 | -1.44 | 13.72 |



17_FR1 n41_100M_QPSK_1RB_1Offset_Ch509202_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

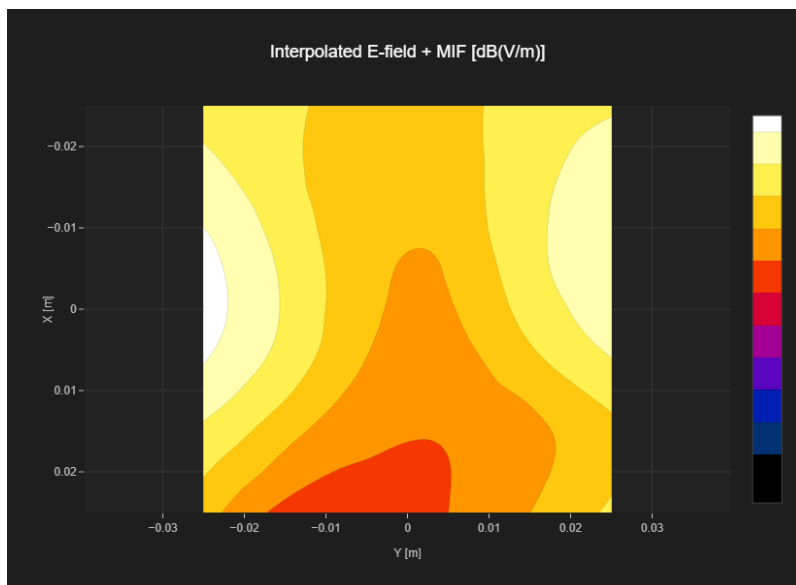
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 23.32 | 18.88 | -1.64 | 17.24 |



18_FR1 n41_100M_QPSK_1RB_1Offset_Ch518598_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

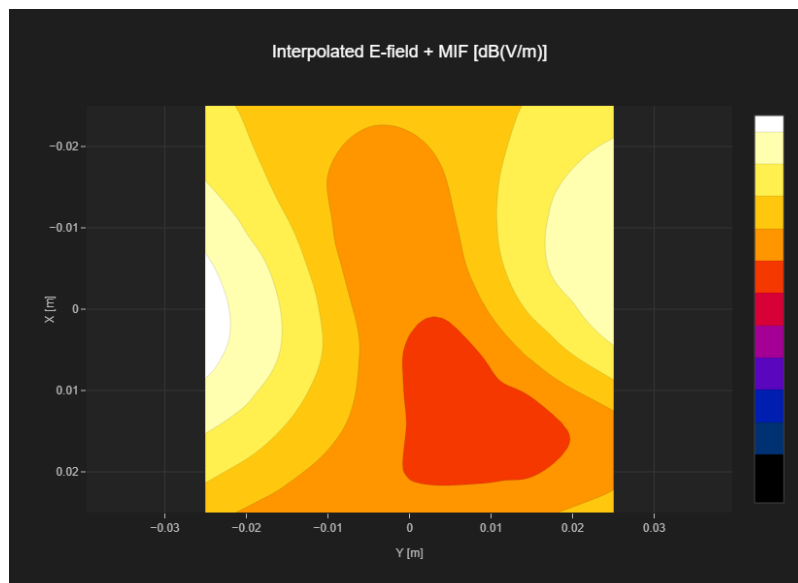
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 25.8 | 20.88 | -1.64 | 19.24 |



19_FR1_n41_100M_QPSK_1RB_1Offset_Ch528000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

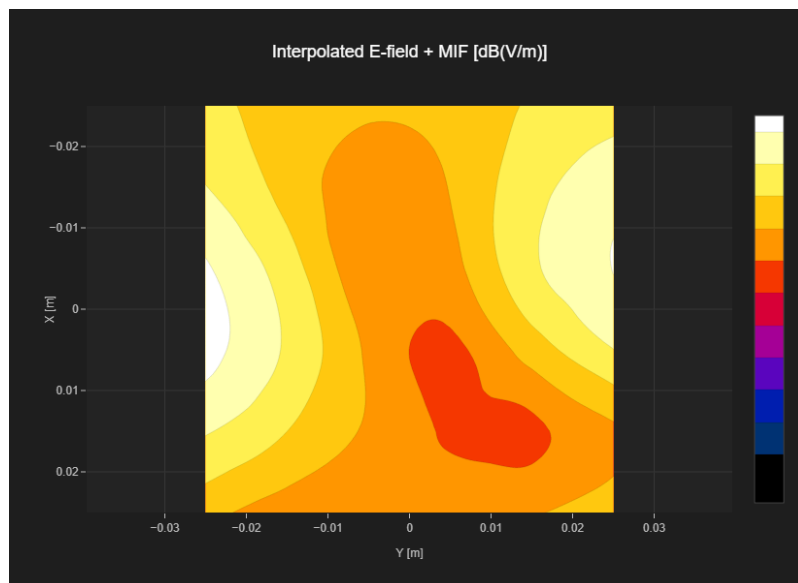
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 25.41 | 20.6 | -1.64 | 18.96 |



20_FR1 n41_100M_QPSK_1RB_1Offset_Ch509202_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

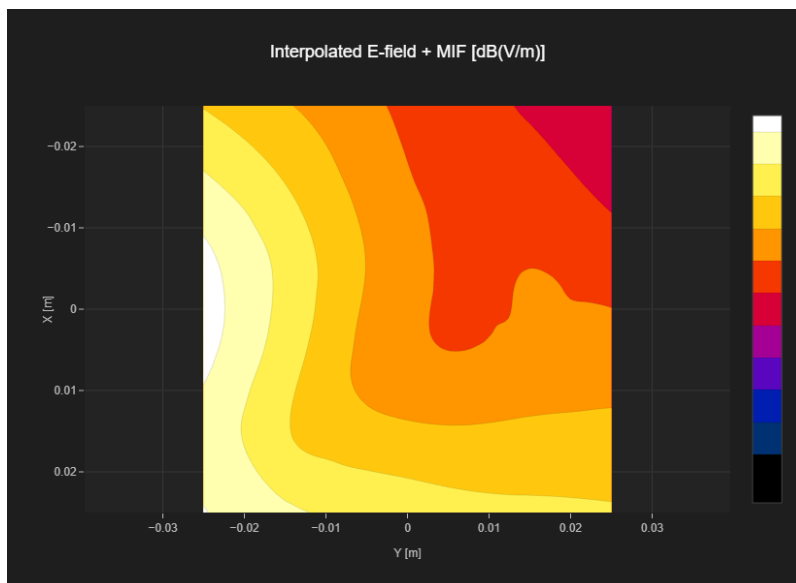
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 28.14 | 22.84 | -1.64 | 21.2 |



21_FR1 n41_100M_QPSK_1RB_1Offset_Ch518598_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

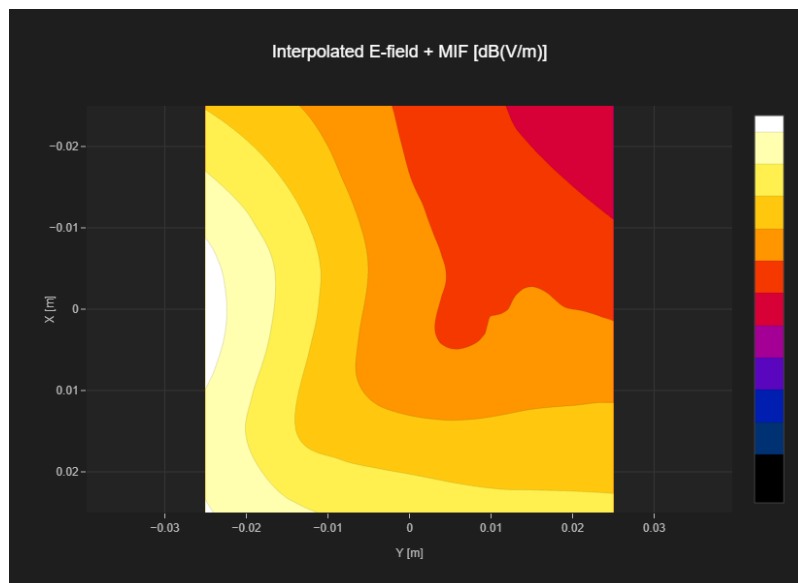
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 28.06 | 22.78 | -1.64 | 21.14 |



22_FR1 n41_100M_QPSK_1RB_1Offset_Ch528000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

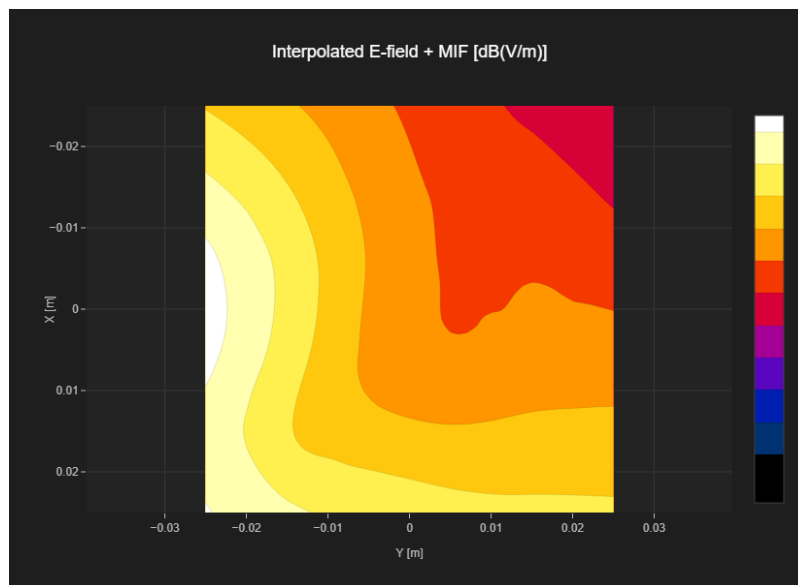
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 28.07 | 22.79 | -1.64 | 21.15 |



23_FR1_n41_100M_QPSK_1RB_1Offset_Ch509202_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

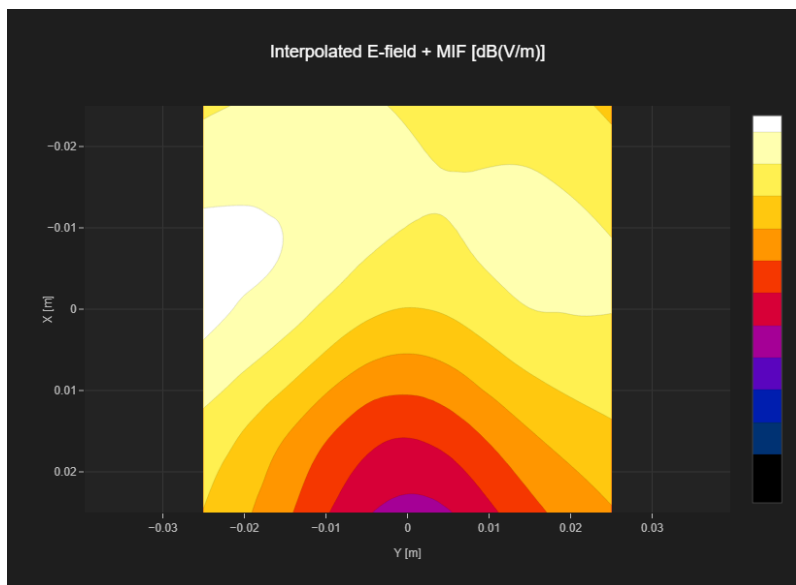
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 34.82 | 33.09 | -1.64 | 31.45 |



24_FR1 n41_100M_QPSK_1RB_1Offset_Ch518598_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

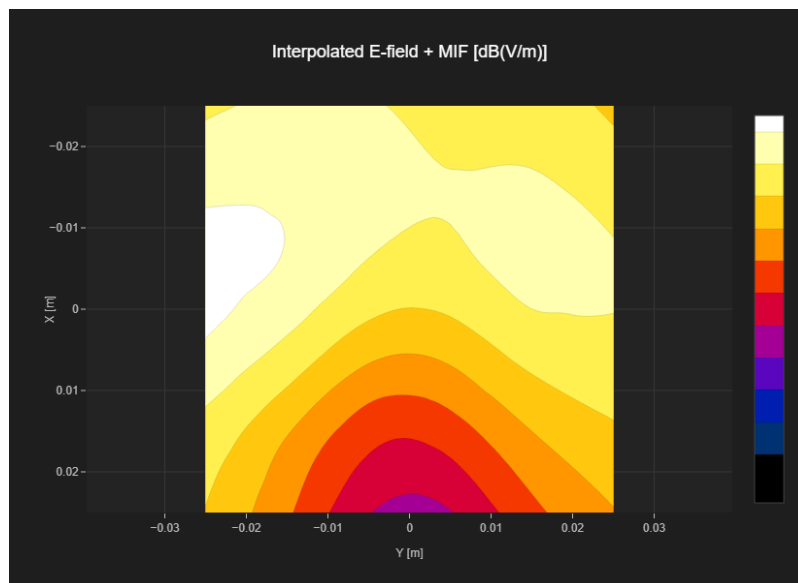
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 34.83 | 33.07 | -1.64 | 31.43 |



25_FR1 n41_100M_QPSK_1RB_1Offset_Ch528000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

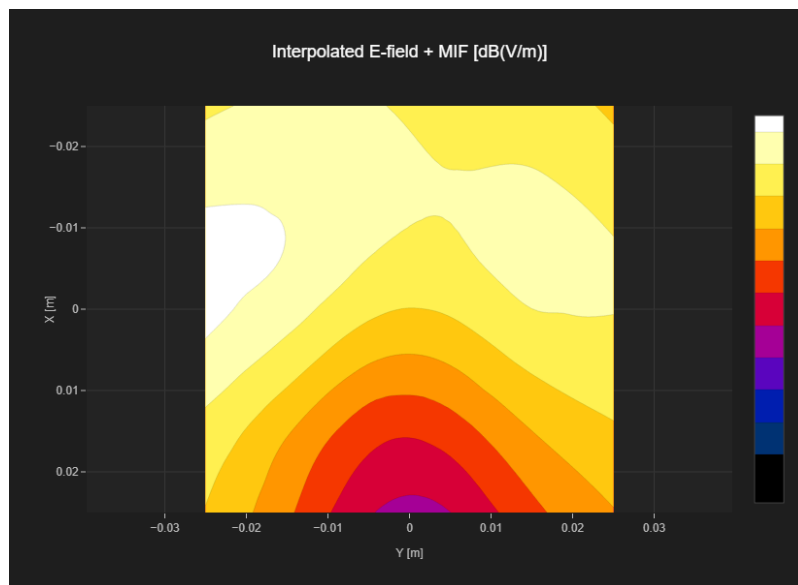
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 34.82 | 33.08 | -1.64 | 31.44 |



26_FR1_n41_100M_QPSK_1RB_1Offset_Ch509202_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

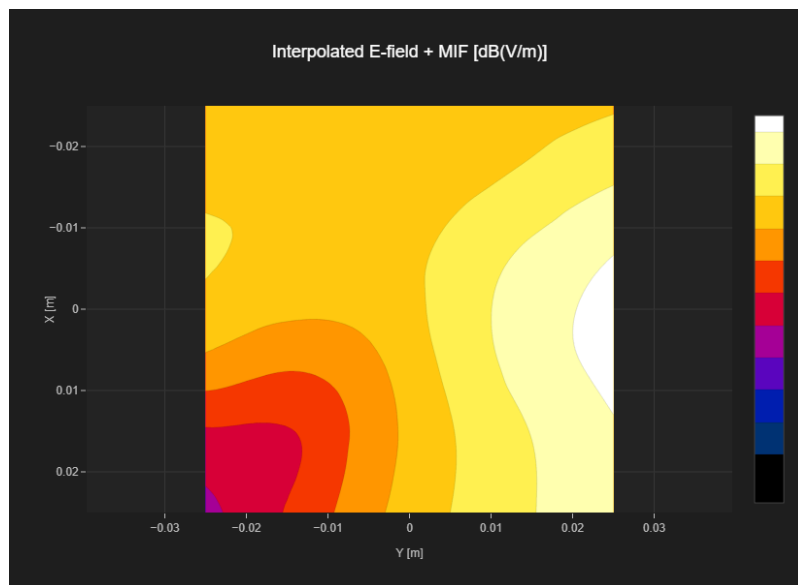
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

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

| E _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | R _{Fail} [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------------------|
| 27.4 | 23.01 | -1.64 | 21.37 |



27_FR1 n41_100M_QPSK_1RB_1Offset_Ch518598_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

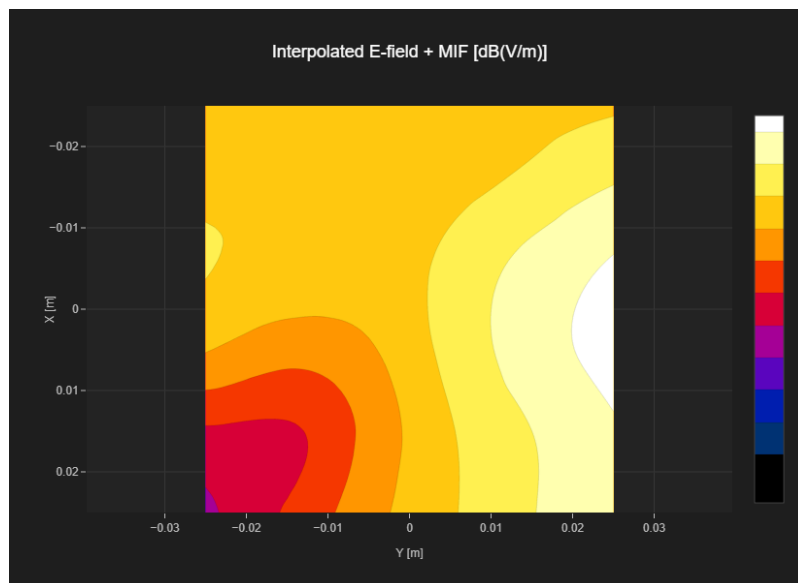
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

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

| E _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | R _{Fail} [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------------------|
| 27.27 | 22.84 | -1.64 | 21.2 |



28_FR1_n41_100M_QPSK_1RB_1Offset_Ch528000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

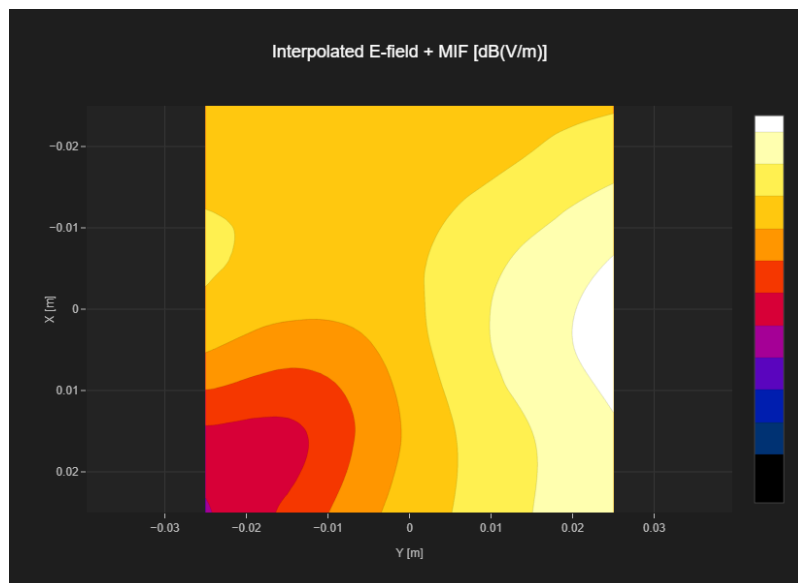
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 27.25 | 22.87 | -1.64 | 21.23 |



29_FR1 n77_100M_QPSK_1RB_1Offset_Ch633332_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

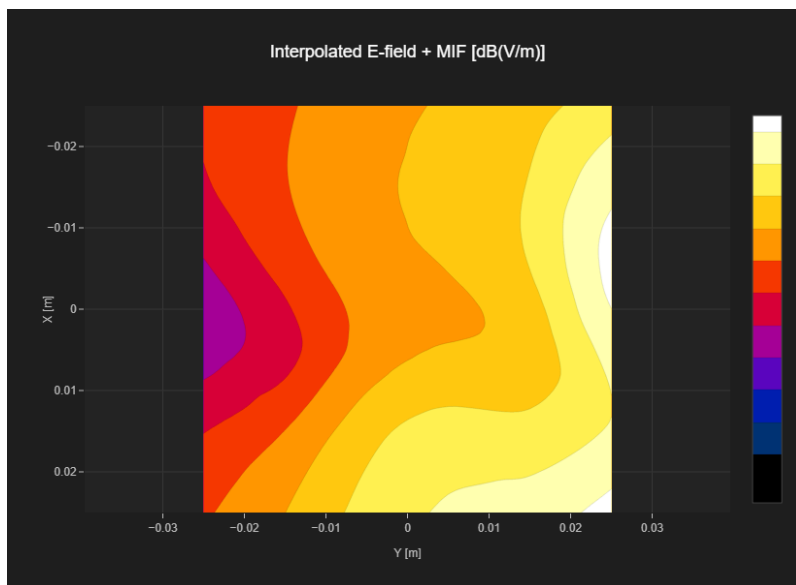
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 633332 | 3499.98 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 31.0 | 25.6 | -1.64 | 23.96 |



30_FR1 n77_100M_QPSK_1RB_1Offset_Ch650000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

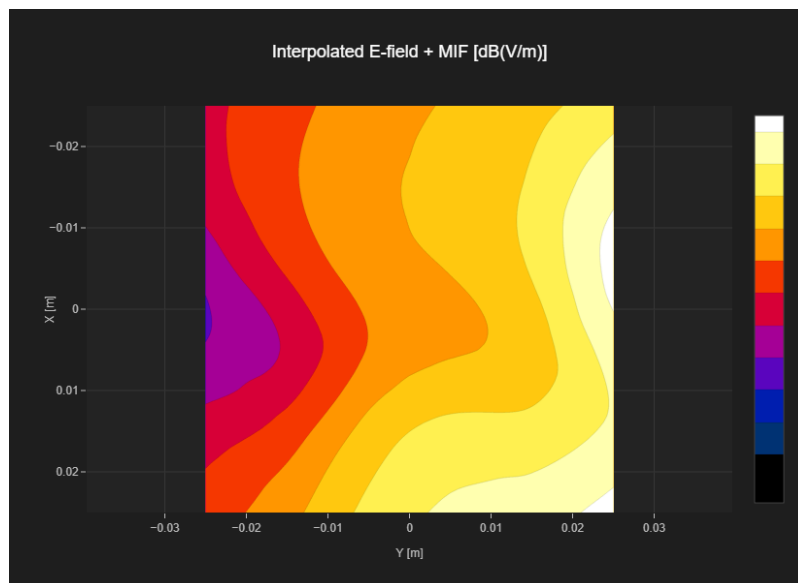
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 650000 | 3750.0 |

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

| E _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | R _{Fail} [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------------------|
| 30.7 | 25.15 | -1.64 | 23.51 |



31_FR1 n77_100M_QPSK_1RB_1Offset_Ch656000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

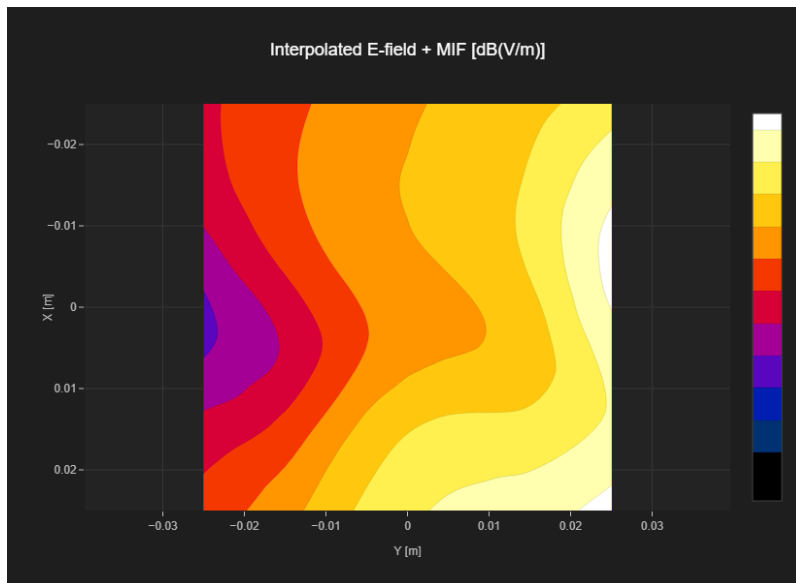
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 656000 | 3840.0 |

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

| E _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | R _{Fail} [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------------------|
| 30.66 | 25.08 | -1.64 | 23.44 |



32_FR1 n77_100M_QPSK_1RB_1Offset_Ch662000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

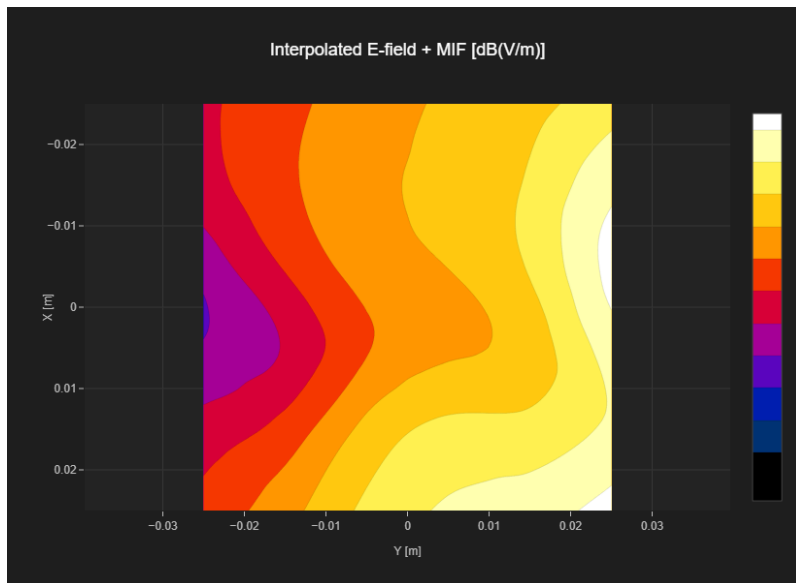
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 662000 | 3930.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 30.62 | 25.02 | -1.64 | 23.38 |



33_FR1 n77_100M_QPSK_1RB_1Offset_Ch633332_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

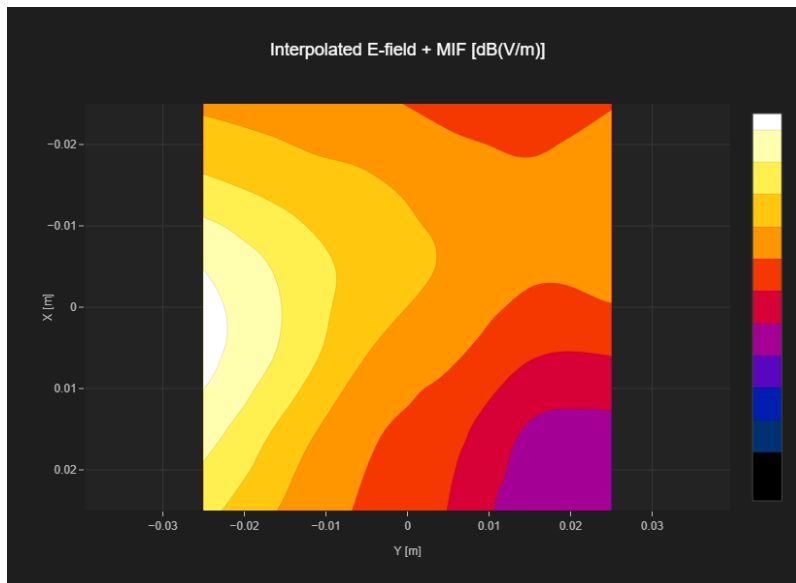
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 633332 | 3499.98 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 39.68 | 33.52 | -1.64 | 31.88 |



34_FR1 n77_100M_QPSK_1RB_1Offset_Ch650000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

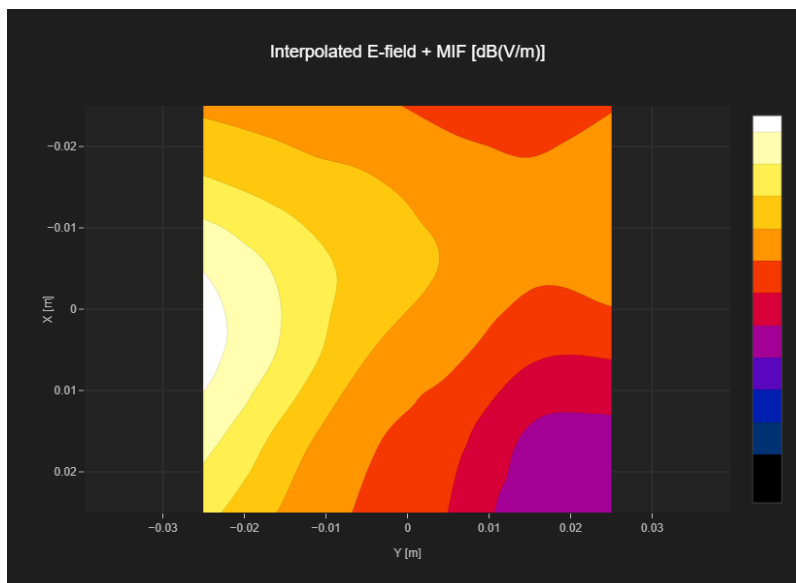
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 650000 | 3750.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 39.56 | 33.42 | -1.64 | 31.78 |



35_FR1 n77_100M_QPSK_1RB_1Offset_Ch656000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

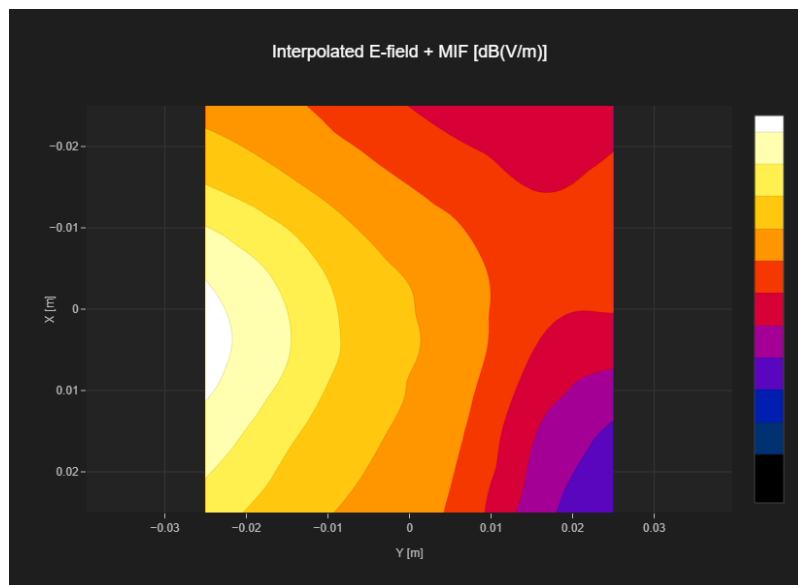
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 656000 | 3840.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 40.22 | 33.9 | -1.64 | 32.26 |



36_FR1 n77_100M_QPSK_1RB_1Offset_Ch662000_E

Measurement performed on August 31, 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 Sn715 | January 25, 2024 |

Communication Systems

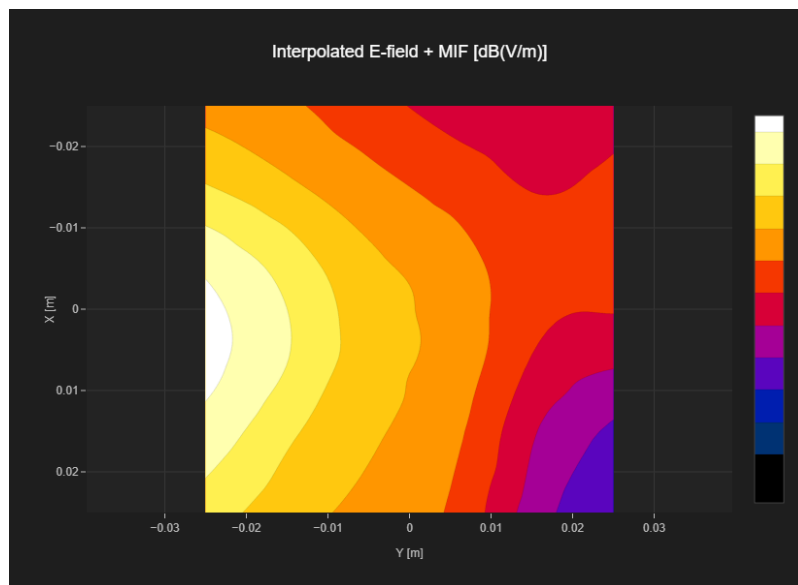
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 662000 | 3930.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 40.15 | 33.83 | -1.64 | 32.19 |



37_FR1_n41_100M_QPSK_1RB_1Offset_Ch509202_E

Measurement performed on October 13, 2024

Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|--------------|-------|---------------------|-----------------------|
| | | 162.0 x 76.0 x 11.0 | 161.9 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|-----------------|------------------------|------------|----------------------|
| EF3DV3 - SN4050 | March 06, 2024 | DAE4 Sn715 | January 25, 2024 |

Communication Systems

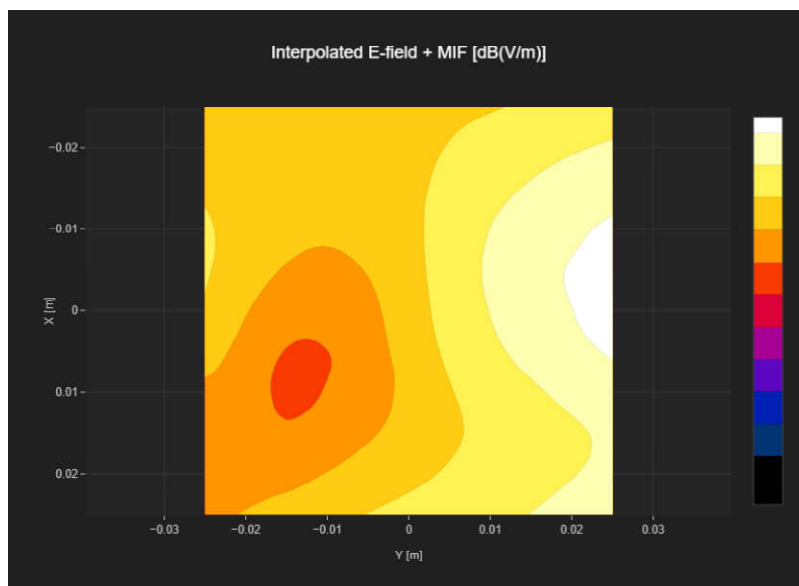
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 27.39 | 23.22 | -1.64 | 21.58 |



38_FR1_n41_100M_QPSK_1RB_1Offset_Ch518598_E

Measurement performed on October 13, 2024

Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|--------------|-------|---------------------|-----------------------|
| | | 162.0 x 76.0 x 11.0 | 161.9 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|-----------------|------------------------|------------|----------------------|
| EF3DV3 - SN4050 | March 06, 2024 | DAE4 Sn715 | January 25, 2024 |

Communication Systems

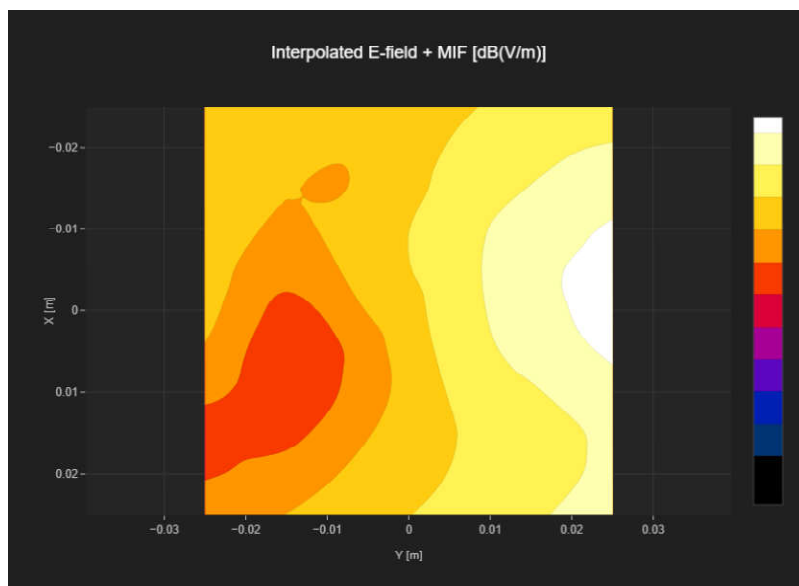
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 27.35 | 23.02 | -1.64 | 21.38 |



39_FR1_n41_100M_QPSK_1RB_1Offset_Ch528000_E

Measurement performed on October 13, 2024

Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|--------------|-------|---------------------|-----------------------|
| | | 162.0 x 76.0 x 11.0 | 161.9 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|-----------------|------------------------|------------|----------------------|
| EF3DV3 - SN4050 | March 06, 2024 | DAE4 Sn715 | January 25, 2024 |

Communication Systems

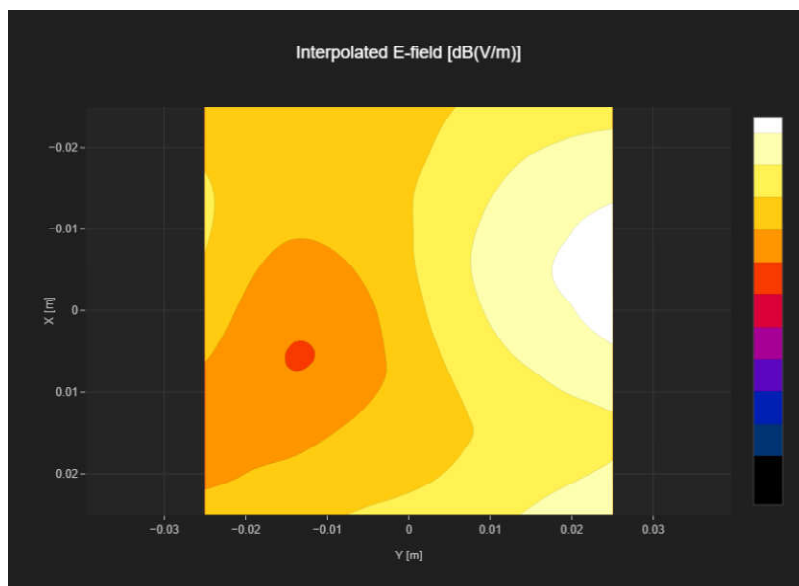
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 528000 | 2640.0 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 27.31 | 23.3 | -1.64 | 21.66 |



40_FR1_n41_100M_QPSK_1RB_1Offset_Ch509202_E

Measurement performed on October 13, 2024

Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|--------------|-------|---------------------|-----------------------|
| | | 162.0 x 76.0 x 11.0 | 161.9 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|-----------------|------------------------|-------------|----------------------|
| EF3DV3 - SN4050 | March 06, 2024 | DAE4 Sn 715 | January 25, 2024 |

Communication Systems

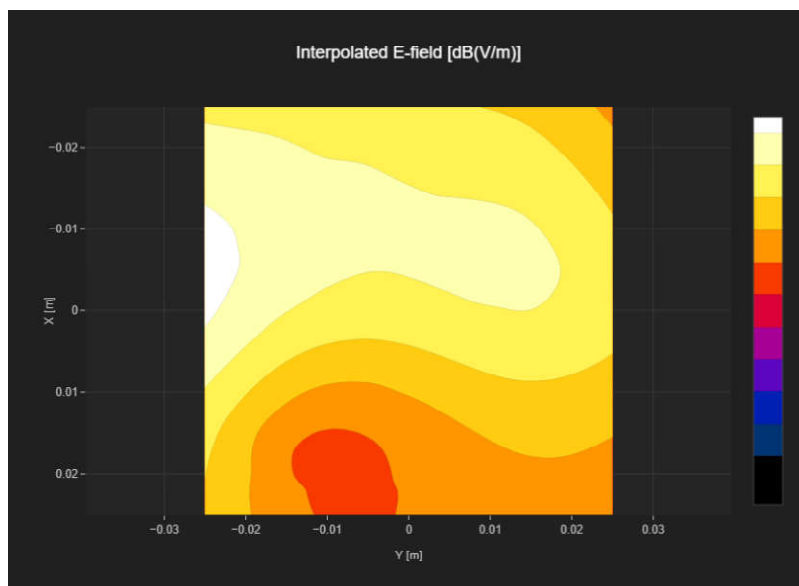
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 509202 | 2546.01 |

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

| E _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 30.48 | 28.7 | -1.64 | 27.06 |



41_FR1_n41_100M_QPSK_1RB_1Offset_Ch518598_E

Measurement performed on October 13, 2024

Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|--------------|-------|---------------------|-----------------------|
| | | 162.0 x 76.0 x 11.0 | 161.9 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|-----------------|------------------------|------------|----------------------|
| EF3DV3 - SN4050 | March 06, 2024 | DAE4 Sn715 | January 25, 2024 |

Communication Systems

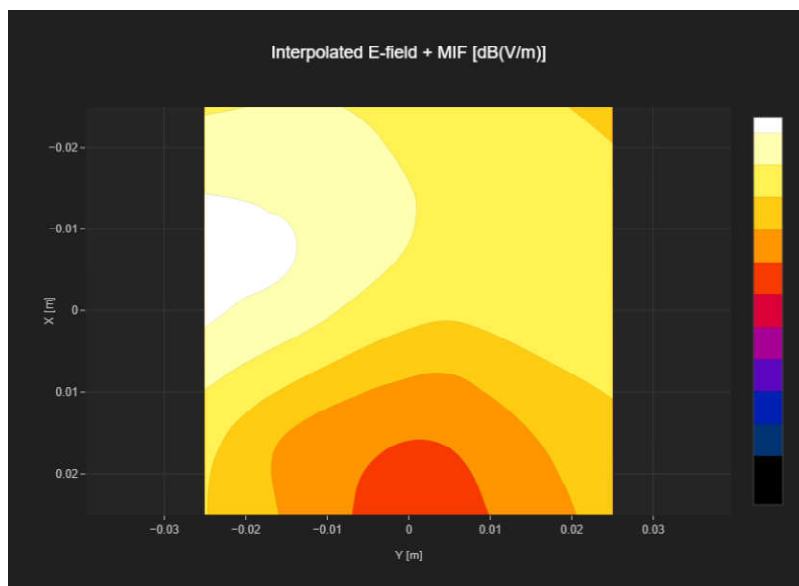
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n41 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 518598 | 2592.99 |

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

| E _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 33.09 | 29.54 | -1.64 | 27.9 |



42_FR1_n41_100M_QPSK_1RB_1Offset_Ch528000_E

Measurement performed on October 13, 2024

Device Under Test

| Manufacturer | Model | Dimensions[mm] | Speaker Position [mm] |
|--------------|-------|---------------------|-----------------------|
| | | 162.0 x 76.0 x 11.0 | 161.9 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|-----------------|------------------------|------------|----------------------|
| EF3DV3 - SN4050 | March 06, 2024 | DAE4 Sn715 | January 25, 2024 |

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)] |
|----------------|-------------------------|----------|-----------------|
| 32.73 | 29.37 | -1.64 | 27.73 |

