

# ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## GSM850 E-Field measurement/Voice\_ch 128/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.82 V/m; Power Drift = 0.27 dB

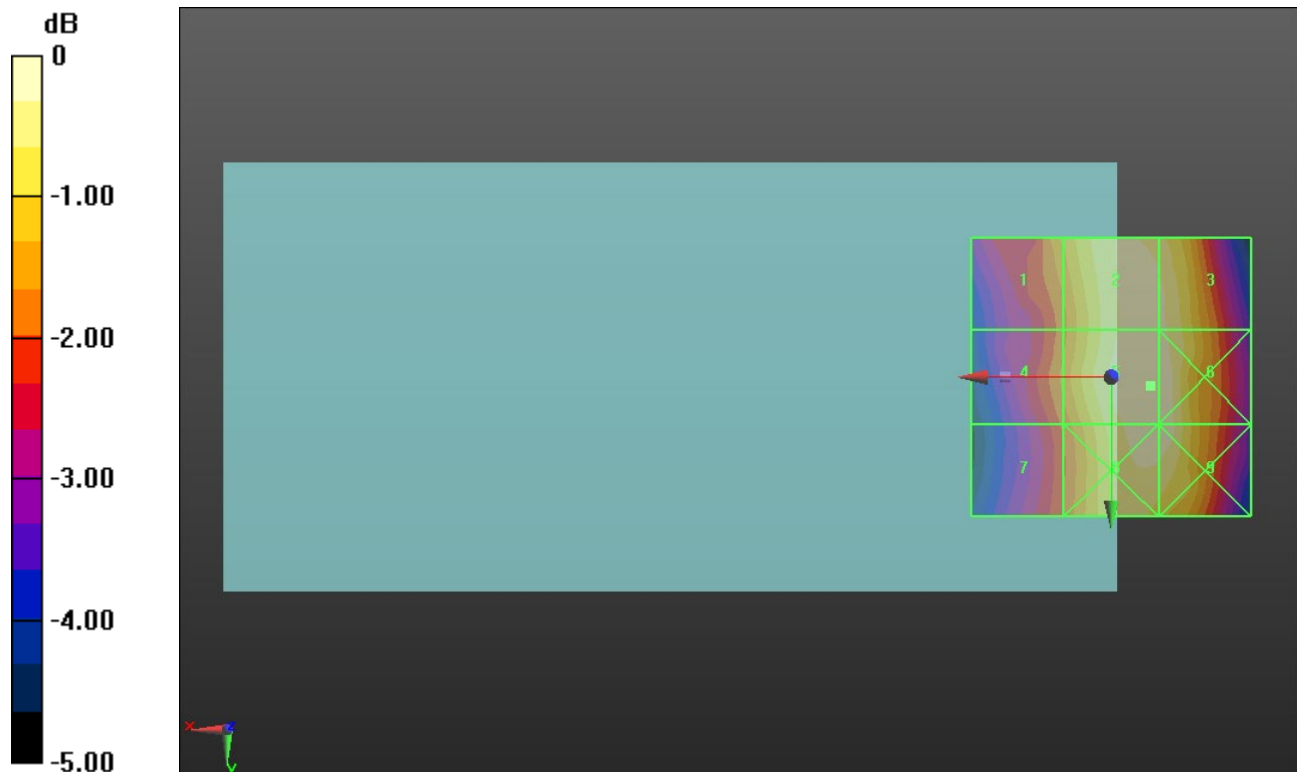
Applied MIF = 3.63 dB

RF audio interference level = 33.50 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>32.27 dBV/m</b>	Grid 2 <b>M4</b> <b>33.34 dBV/m</b>	Grid 3 <b>M4</b> <b>33.28 dBV/m</b>
Grid 4 <b>M4</b> <b>31.95 dBV/m</b>	Grid 5 <b>M4</b> <b>33.5 dBV/m</b>	Grid 6 <b>M4</b> <b>33.48 dBV/m</b>
Grid 7 <b>M4</b> <b>31.61 dBV/m</b>	Grid 8 <b>M4</b> <b>33.47 dBV/m</b>	Grid 9 <b>M4</b> <b>33.47 dBV/m</b>



0 dB = 47.31 V/m = 33.50 dBV/m

# ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## GSM850 E-Field measurement/Voice\_ch 190/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.00 V/m; Power Drift = 0.28 dB

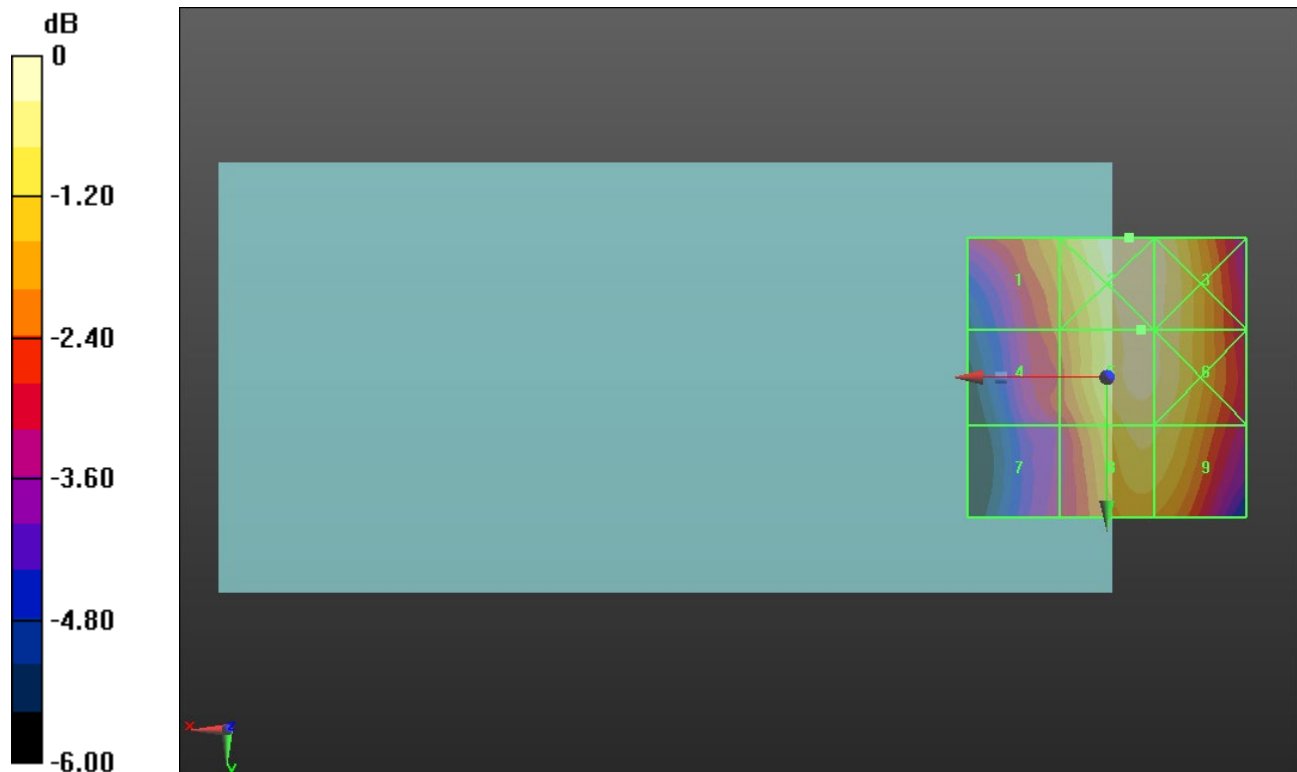
Applied MIF = 3.63 dB

RF audio interference level = 32.97 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>31.8 dBV/m</b>	Grid 2 <b>M4</b> <b>33.19 dBV/m</b>	Grid 3 <b>M4</b> <b>33.01 dBV/m</b>
Grid 4 <b>M4</b> <b>30.99 dBV/m</b>	Grid 5 <b>M4</b> <b>32.97 dBV/m</b>	Grid 6 <b>M4</b> <b>32.89 dBV/m</b>
Grid 7 <b>M4</b> <b>29.97 dBV/m</b>	Grid 8 <b>M4</b> <b>32.57 dBV/m</b>	Grid 9 <b>M4</b> <b>32.5 dBV/m</b>



0 dB = 45.63 V/m = 33.19 dBV/m

# ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## GSM850 E-Field measurement/Voice\_ch 251/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.98 V/m; Power Drift = 0.10 dB

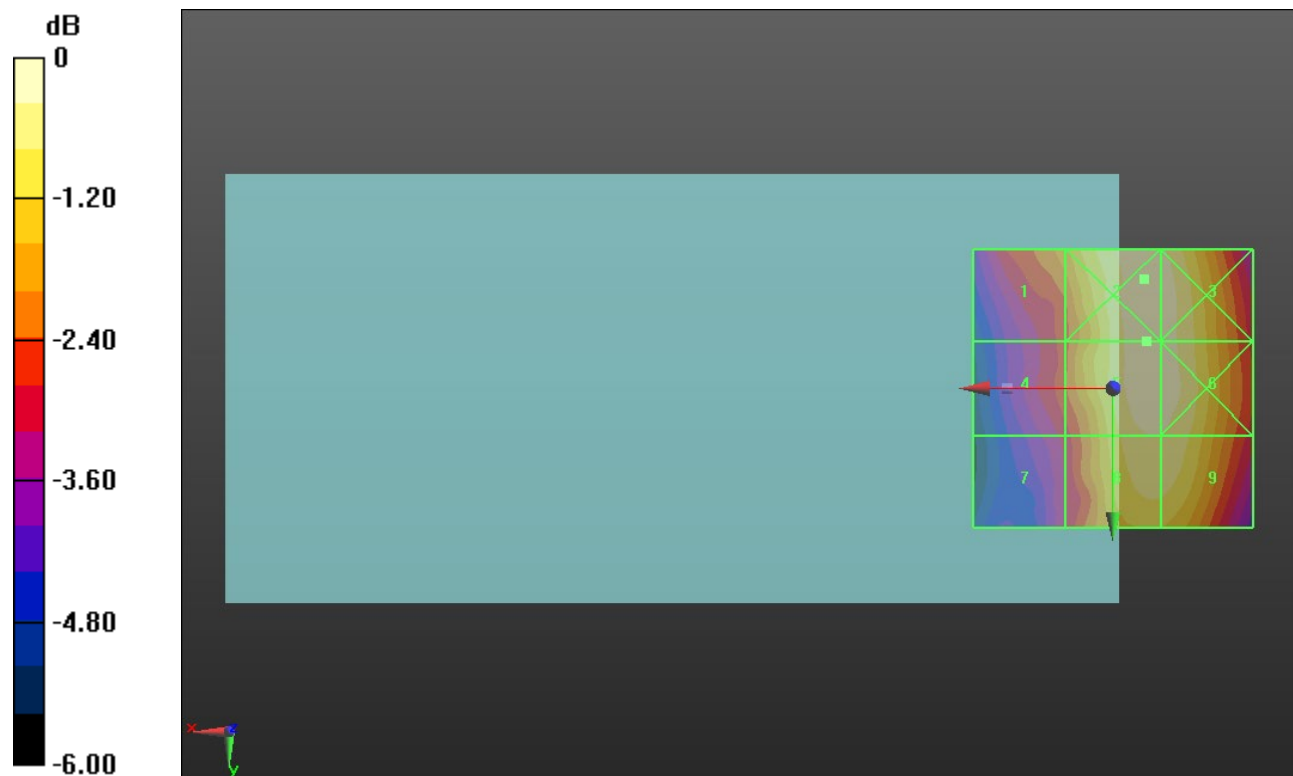
Applied MIF = 3.63 dB

RF audio interference level = 33.15 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>31.54 dBV/m</b>	Grid 2 <b>M4</b> <b>33.23 dBV/m</b>	Grid 3 <b>M4</b> <b>33.11 dBV/m</b>
Grid 4 <b>M4</b> <b>30.82 dBV/m</b>	Grid 5 <b>M4</b> <b>33.15 dBV/m</b>	Grid 6 <b>M4</b> <b>33.1 dBV/m</b>
Grid 7 <b>M4</b> <b>30.26 dBV/m</b>	Grid 8 <b>M4</b> <b>32.84 dBV/m</b>	Grid 9 <b>M4</b> <b>32.83 dBV/m</b>



0 dB = 45.88 V/m = 33.23 dBV/m

# ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## GSM1900 E-Field measurement/Voice\_ch 512/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.01 V/m; Power Drift = 0.07 dB

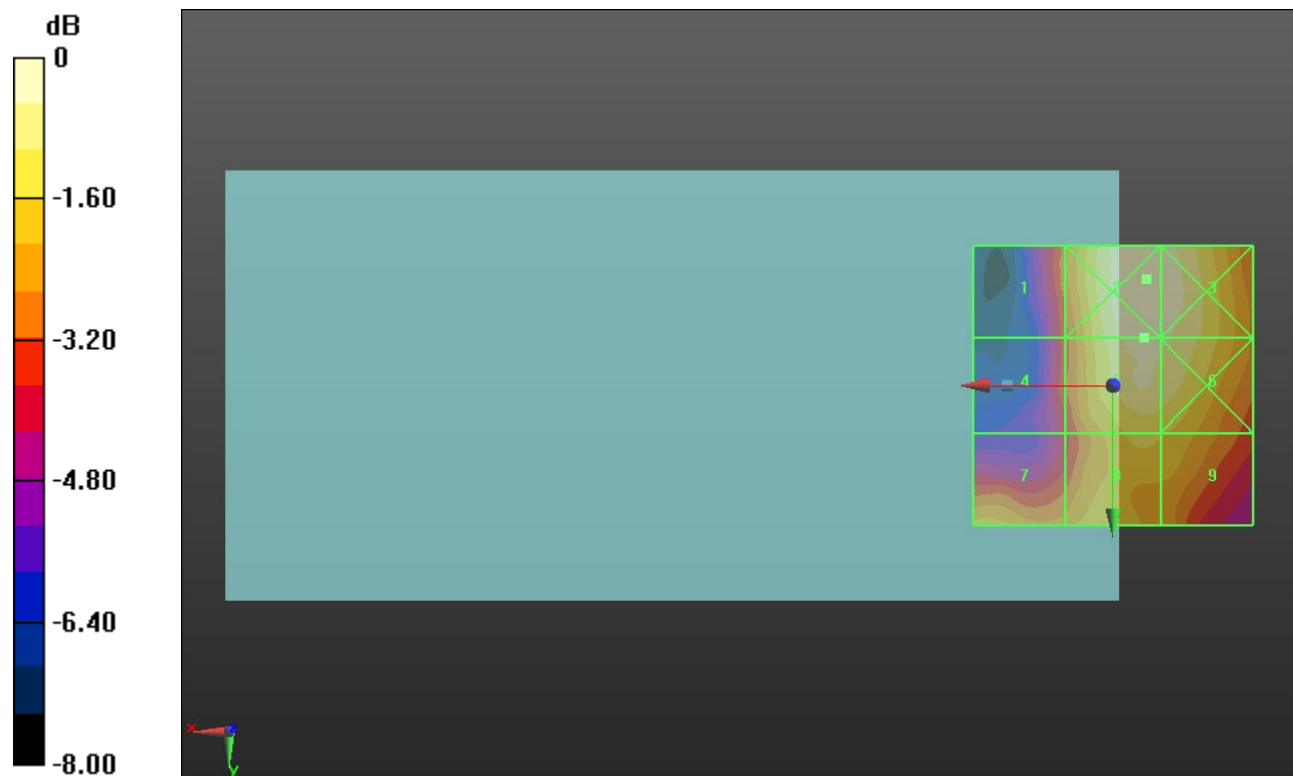
Applied MIF = 3.63 dB

RF audio interference level = 25.14 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.7 dBV/m</b>	Grid 2 <b>M4</b> <b>25.44 dBV/m</b>	Grid 3 <b>M4</b> <b>25.35 dBV/m</b>
Grid 4 <b>M4</b> <b>22.2 dBV/m</b>	Grid 5 <b>M4</b> <b>25.14 dBV/m</b>	Grid 6 <b>M4</b> <b>25.03 dBV/m</b>
Grid 7 <b>M4</b> <b>23.57 dBV/m</b>	Grid 8 <b>M4</b> <b>24.08 dBV/m</b>	Grid 9 <b>M4</b> <b>23.94 dBV/m</b>



0 dB = 18.72 V/m = 25.45 dBV/m

# ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## GSM1900 E-Field measurement/Voice\_ch 661/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.22 V/m; Power Drift = 0.06 dB

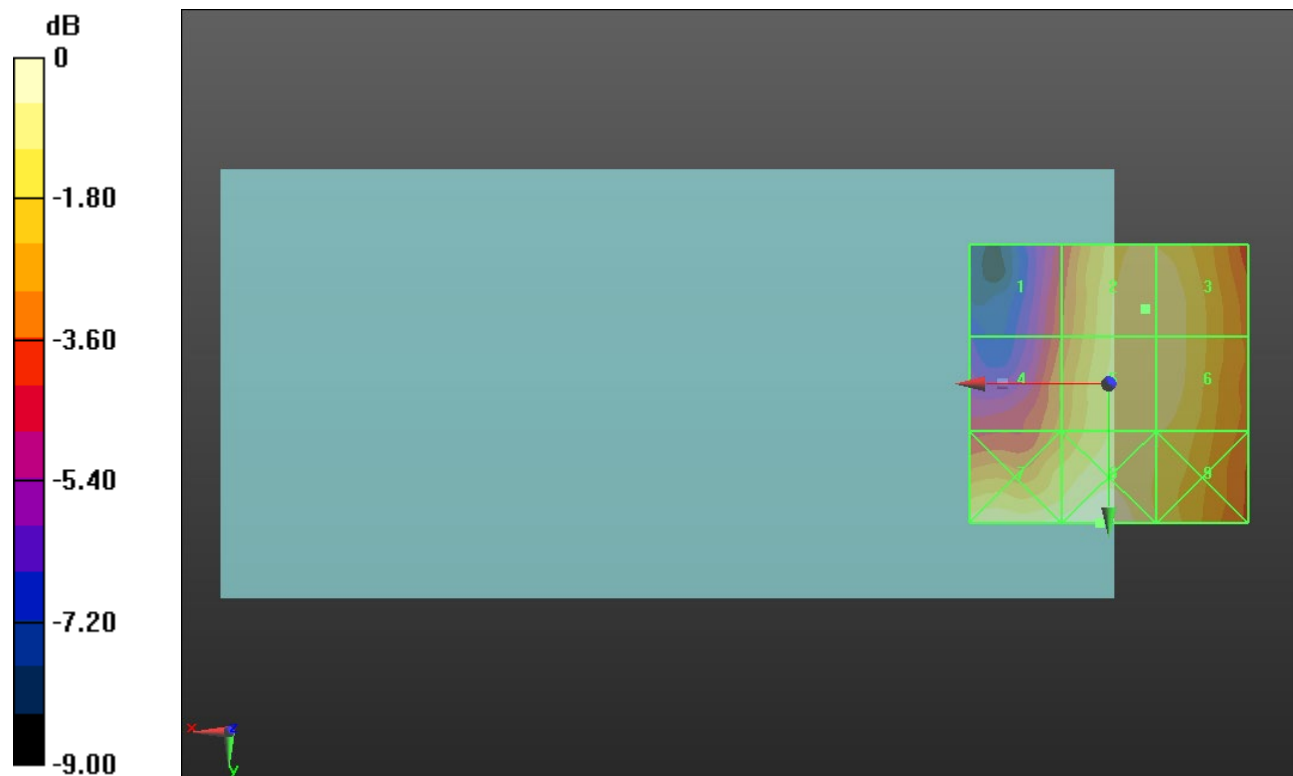
Applied MIF = 3.63 dB

RF audio interference level = 25.52 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.6 dBV/m</b>	Grid 2 <b>M4</b> <b>25.52 dBV/m</b>	Grid 3 <b>M4</b> <b>25.49 dBV/m</b>
Grid 4 <b>M4</b> <b>23.51 dBV/m</b>	Grid 5 <b>M4</b> <b>25.48 dBV/m</b>	Grid 6 <b>M4</b> <b>25.43 dBV/m</b>
Grid 7 <b>M4</b> <b>25.89 dBV/m</b>	Grid 8 <b>M4</b> <b>26.16 dBV/m</b>	Grid 9 <b>M4</b> <b>25.08 dBV/m</b>



0 dB = 20.33 V/m = 26.16 dBV/m

# ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## GSM1900 E-Field measurement/Voice\_ch 810/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.11 V/m; Power Drift = -0.16 dB

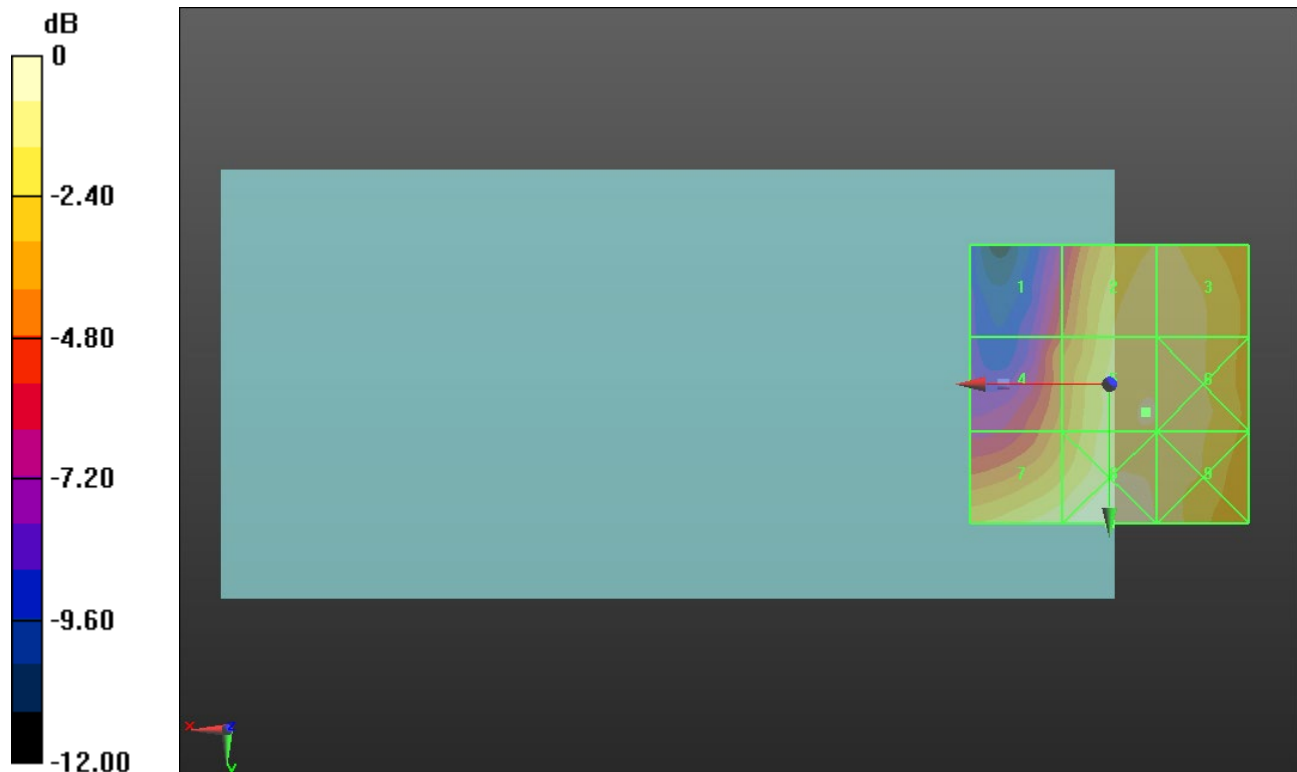
Applied MIF = 3.63 dB

RF audio interference level = 25.77 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.72 dBV/m</b>	Grid 2 <b>M4</b> <b>25.62 dBV/m</b>	Grid 3 <b>M4</b> <b>25.63 dBV/m</b>
Grid 4 <b>M4</b> <b>23.06 dBV/m</b>	Grid 5 <b>M4</b> <b>25.77 dBV/m</b>	Grid 6 <b>M4</b> <b>25.74 dBV/m</b>
Grid 7 <b>M4</b> <b>25.69 dBV/m</b>	Grid 8 <b>M4</b> <b>26.54 dBV/m</b>	Grid 9 <b>M4</b> <b>25.72 dBV/m</b>



0 dB = 21.22 V/m = 26.53 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**39750/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.518 V/m; Power Drift = 0.07 dB

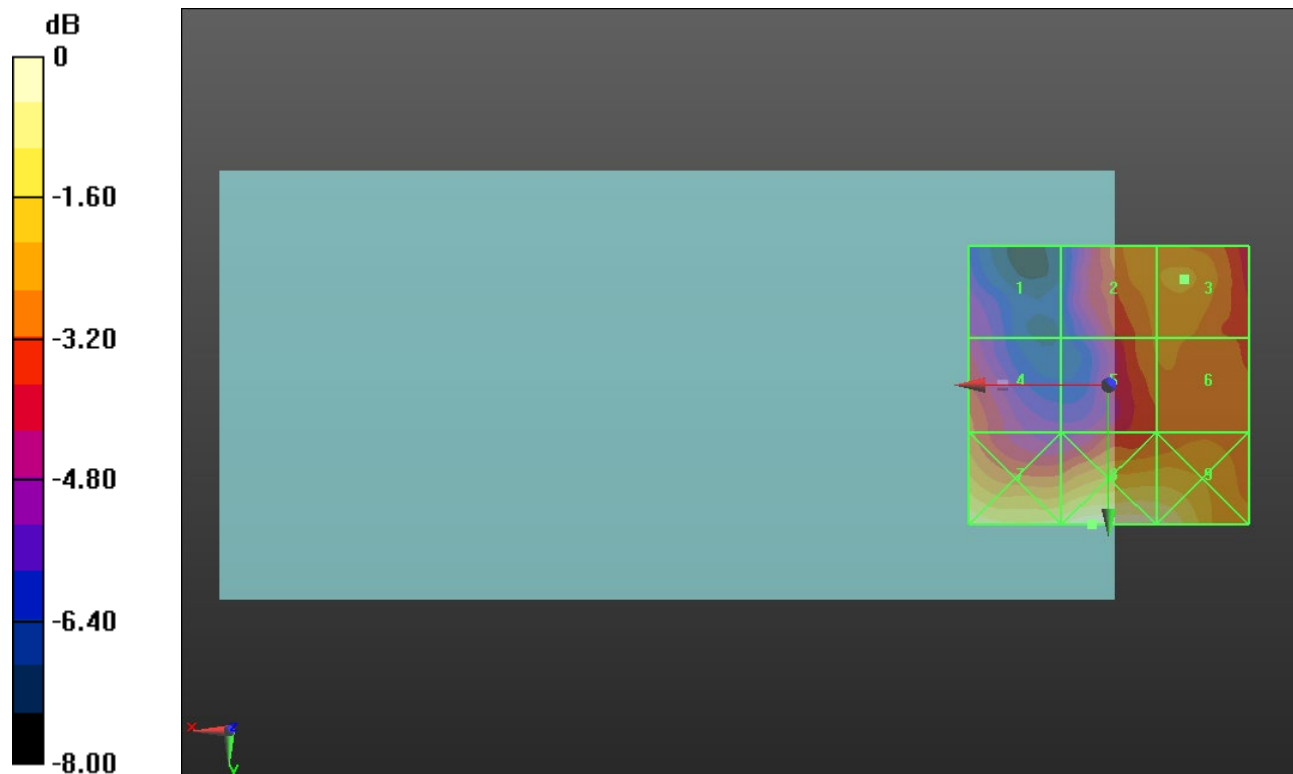
Applied MIF = -1.44 dB

RF audio interference level = 18.56 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>15.96 dBV/m</b>	Grid 2 <b>M4</b> <b>18.42 dBV/m</b>	Grid 3 <b>M4</b> <b>18.56 dBV/m</b>
Grid 4 <b>M4</b> <b>17.62 dBV/m</b>	Grid 5 <b>M4</b> <b>18 dBV/m</b>	Grid 6 <b>M4</b> <b>18.12 dBV/m</b>
Grid 7 <b>M4</b> <b>20.1 dBV/m</b>	Grid 8 <b>M4</b> <b>20.58 dBV/m</b>	Grid 9 <b>M4</b> <b>20.34 dBV/m</b>



0 dB = 10.69 V/m = 20.58 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**40185/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.093 V/m; Power Drift = -0.08 dB

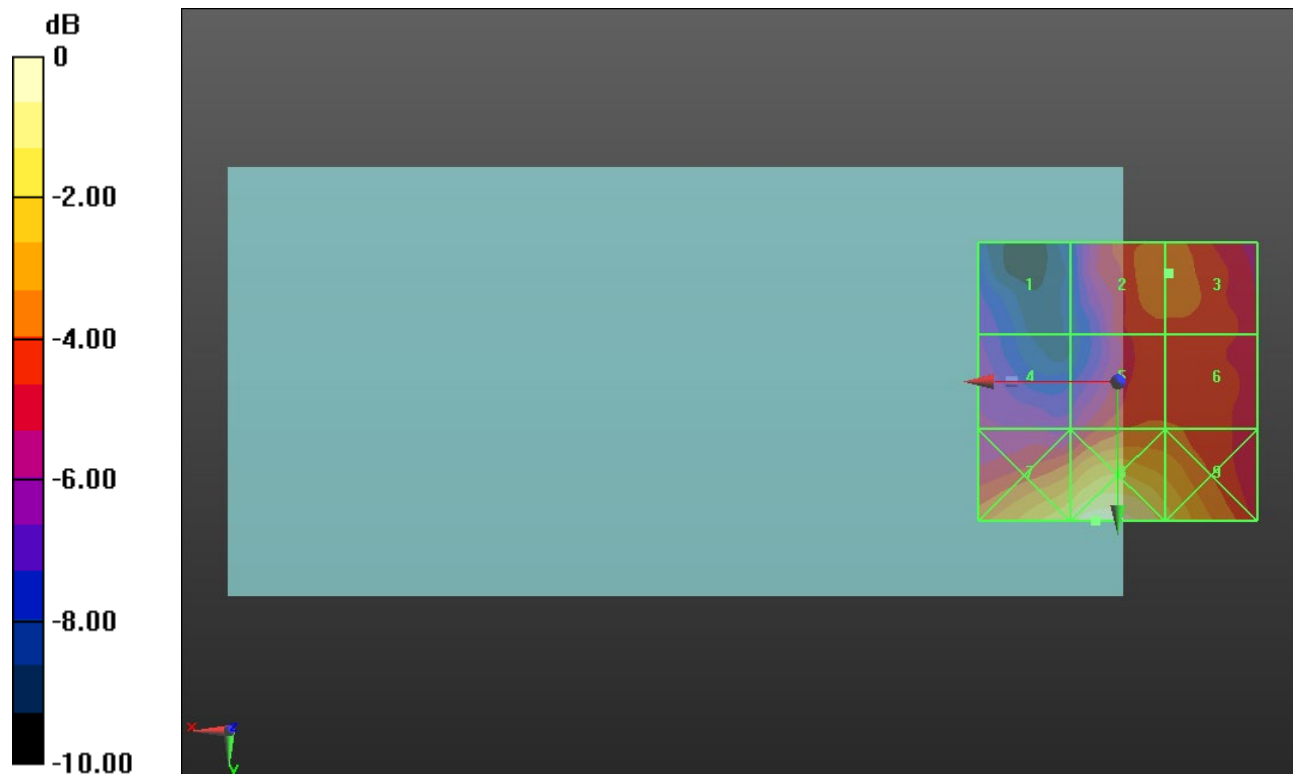
Applied MIF = -1.44 dB

RF audio interference level = 18.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.92 dBV/m</b>	Grid 2 <b>M4</b> <b>18.14 dBV/m</b>	Grid 3 <b>M4</b> <b>18.14 dBV/m</b>
Grid 4 <b>M4</b> <b>15.69 dBV/m</b>	Grid 5 <b>M4</b> <b>17.7 dBV/m</b>	Grid 6 <b>M4</b> <b>17.69 dBV/m</b>
Grid 7 <b>M4</b> <b>20.44 dBV/m</b>	Grid 8 <b>M4</b> <b>21.51 dBV/m</b>	Grid 9 <b>M4</b> <b>19.94 dBV/m</b>



0 dB = 11.90 V/m = 21.51 dBV/m



# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**40620/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.609 V/m; Power Drift = -0.21 dB

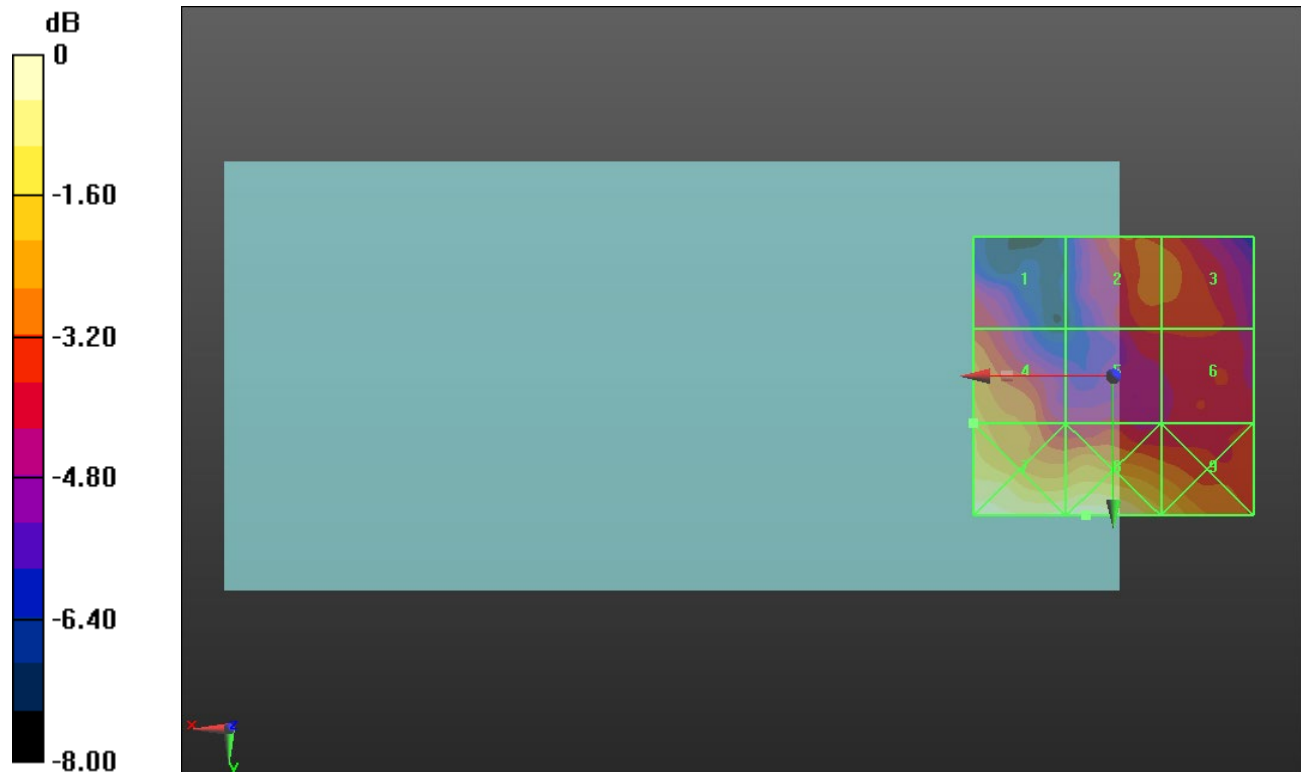
Applied MIF = -1.44 dB

RF audio interference level = 16.77 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.72 dBV/m</b>	Grid 2 <b>M4</b> <b>15.56 dBV/m</b>	Grid 3 <b>M4</b> <b>15.56 dBV/m</b>
Grid 4 <b>M4</b> <b>16.77 dBV/m</b>	Grid 5 <b>M4</b> <b>14.83 dBV/m</b>	Grid 6 <b>M4</b> <b>14.85 dBV/m</b>
Grid 7 <b>M4</b> <b>18.25 dBV/m</b>	Grid 8 <b>M4</b> <b>18.45 dBV/m</b>	Grid 9 <b>M4</b> <b>17.14 dBV/m</b>



0 dB = 8.365 V/m = 18.45 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**41055/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.169 V/m; Power Drift = 0.05 dB

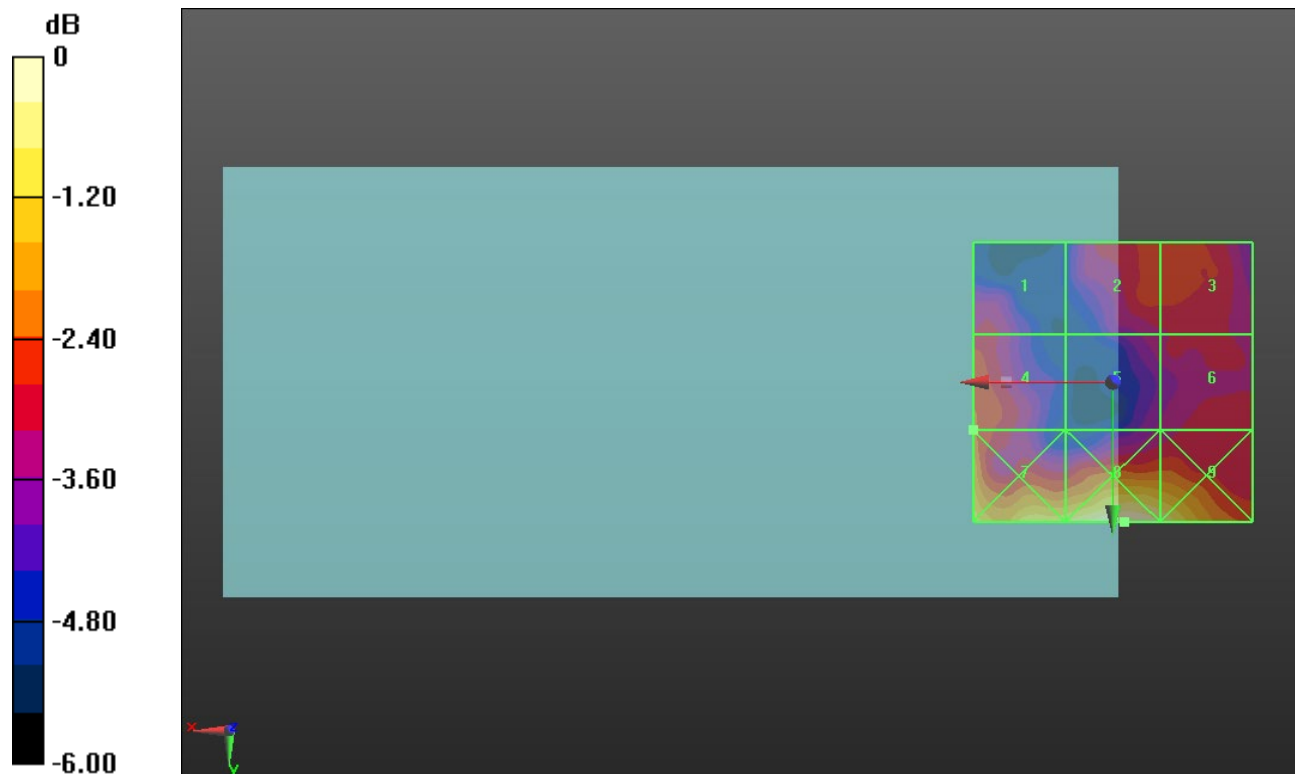
Applied MIF = -1.44 dB

RF audio interference level = 16.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>15.39 dBV/m</b>	Grid 2 <b>M4</b> <b>15.8 dBV/m</b>	Grid 3 <b>M4</b> <b>15.84 dBV/m</b>
Grid 4 <b>M4</b> <b>16.08 dBV/m</b>	Grid 5 <b>M4</b> <b>15.11 dBV/m</b>	Grid 6 <b>M4</b> <b>15.42 dBV/m</b>
Grid 7 <b>M4</b> <b>17.58 dBV/m</b>	Grid 8 <b>M4</b> <b>18.36 dBV/m</b>	Grid 9 <b>M4</b> <b>17.96 dBV/m</b>



0 dB = 8.283 V/m = 18.36 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**41490/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.224 V/m; Power Drift = 0.09 dB

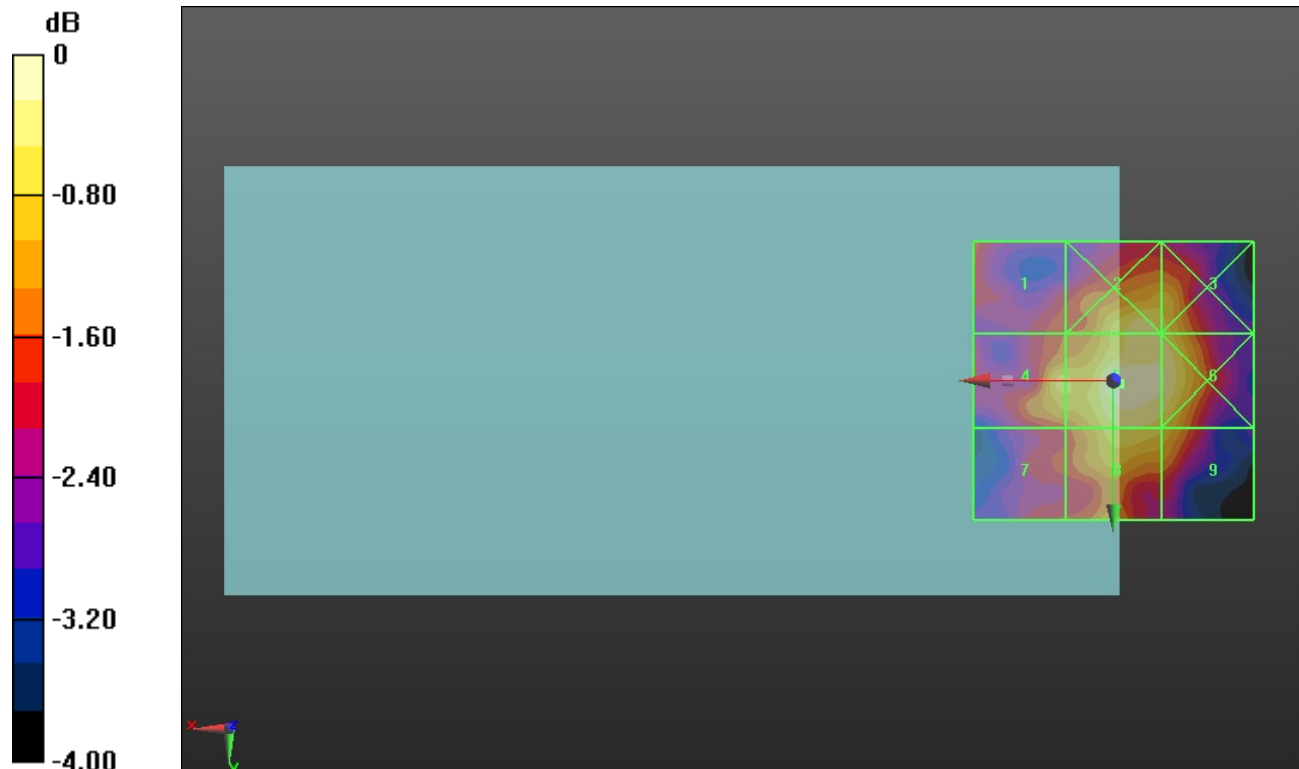
Applied MIF = -1.44 dB

RF audio interference level = 15.50 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>13.93 dBV/m</b>	Grid 2 <b>M4</b> <b>15.18 dBV/m</b>	Grid 3 <b>M4</b> <b>14.96 dBV/m</b>
Grid 4 <b>M4</b> <b>14.85 dBV/m</b>	Grid 5 <b>M4</b> <b>15.5 dBV/m</b>	Grid 6 <b>M4</b> <b>15.3 dBV/m</b>
Grid 7 <b>M4</b> <b>13.83 dBV/m</b>	Grid 8 <b>M4</b> <b>15 dBV/m</b>	Grid 9 <b>M4</b> <b>14.78 dBV/m</b>



0 dB = 5.960 V/m = 15.50 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.13 V/m; Power Drift = -0.31 dB

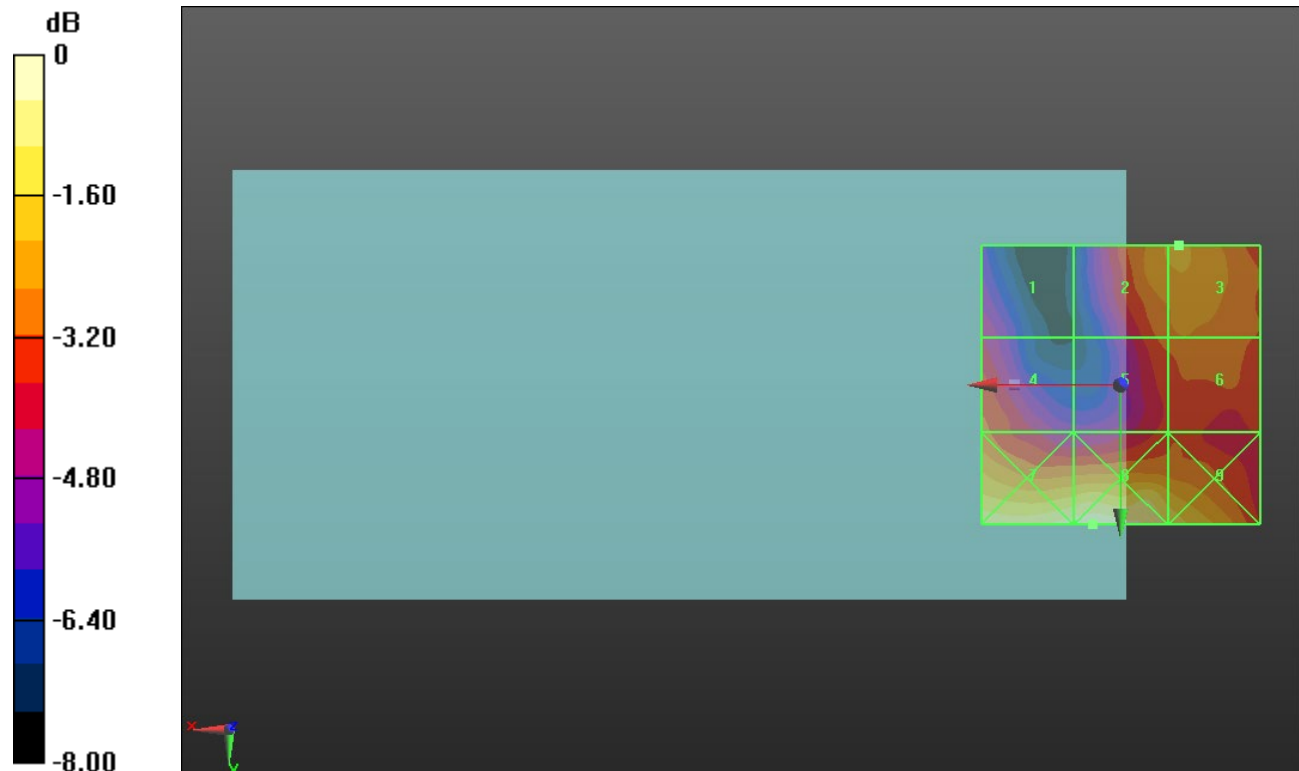
Applied MIF = -1.44 dB

RF audio interference level = 21.65 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.4 dBV/m</b>	Grid 2 <b>M4</b> <b>21.56 dBV/m</b>	Grid 3 <b>M4</b> <b>21.65 dBV/m</b>
Grid 4 <b>M4</b> <b>20.66 dBV/m</b>	Grid 5 <b>M4</b> <b>20.71 dBV/m</b>	Grid 6 <b>M4</b> <b>20.93 dBV/m</b>
Grid 7 <b>M4</b> <b>23.39 dBV/m</b>	Grid 8 <b>M4</b> <b>23.62 dBV/m</b>	Grid 9 <b>M4</b> <b>22.48 dBV/m</b>



0 dB = 15.16 V/m = 23.61 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 40185/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.74 V/m; Power Drift = -0.53 dB

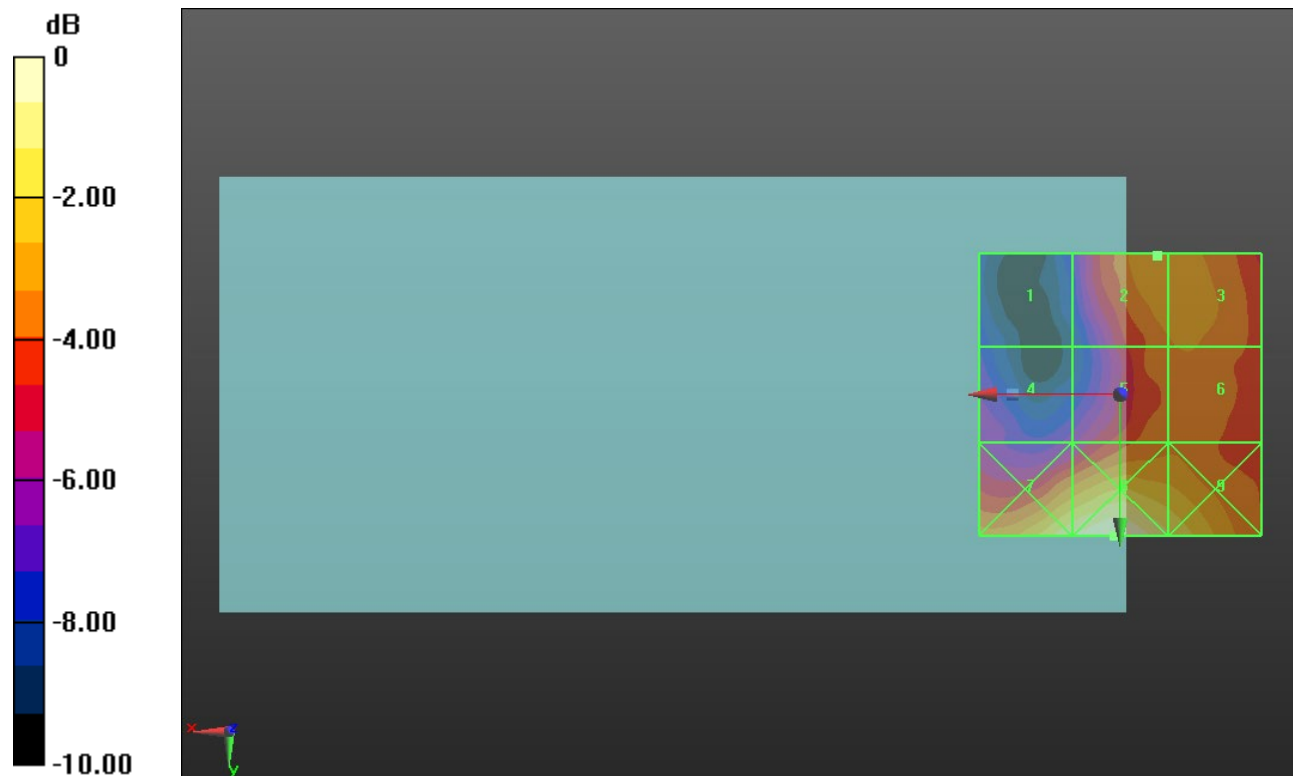
Applied MIF = -1.44 dB

RF audio interference level = 20.82 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>16.31 dBV/m</b>	Grid 2 <b>M4</b> <b>20.82 dBV/m</b>	Grid 3 <b>M4</b> <b>20.78 dBV/m</b>
Grid 4 <b>M4</b> <b>17.65 dBV/m</b>	Grid 5 <b>M4</b> <b>20.15 dBV/m</b>	Grid 6 <b>M4</b> <b>20.29 dBV/m</b>
Grid 7 <b>M4</b> <b>22.95 dBV/m</b>	Grid 8 <b>M4</b> <b>23.56 dBV/m</b>	Grid 9 <b>M4</b> <b>22.35 dBV/m</b>



0 dB = 15.07 V/m = 23.56 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 40620/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.455 V/m; Power Drift = 0.38 dB

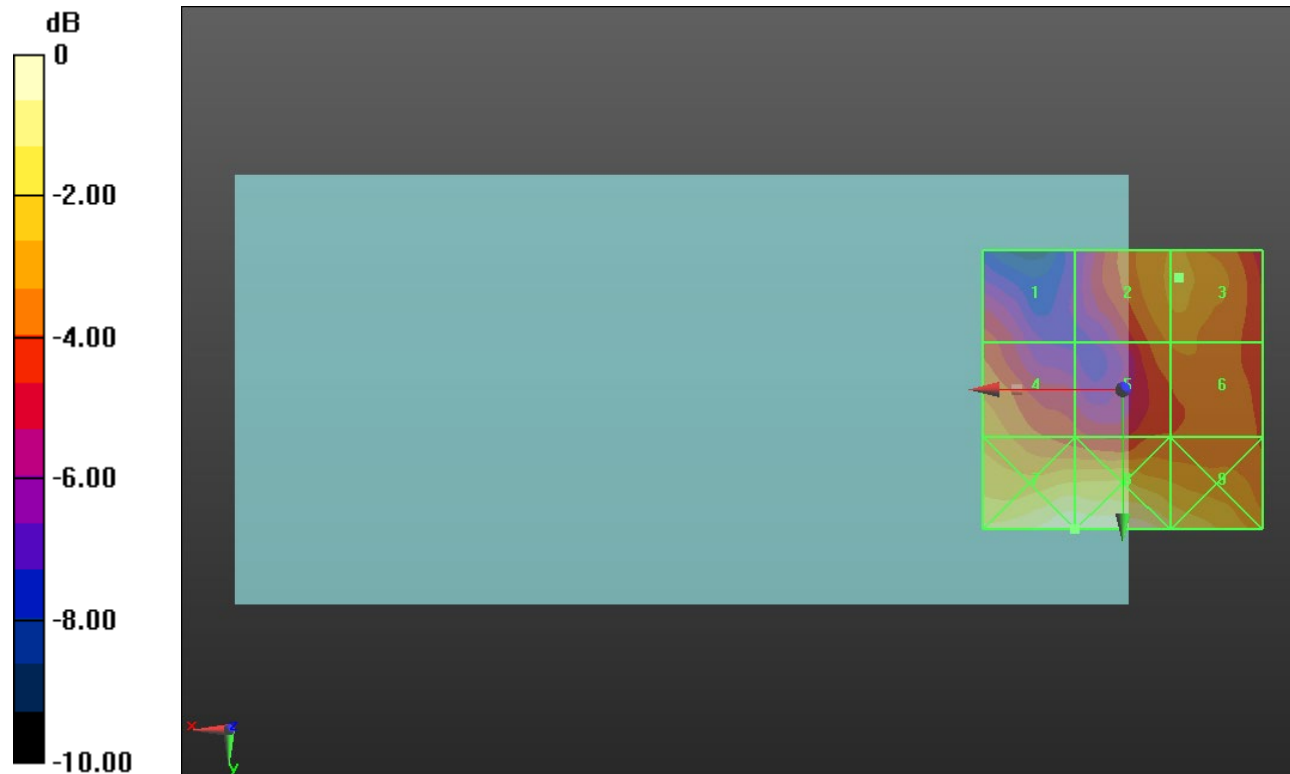
Applied MIF = -1.44 dB

RF audio interference level = 18.54 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>16.76 dBV/m</b>	Grid 2 <b>M4</b> <b>18.48 dBV/m</b>	Grid 3 <b>M4</b> <b>18.54 dBV/m</b>
Grid 4 <b>M4</b> <b>18.17 dBV/m</b>	Grid 5 <b>M4</b> <b>17.78 dBV/m</b>	Grid 6 <b>M4</b> <b>17.91 dBV/m</b>
Grid 7 <b>M4</b> <b>21.01 dBV/m</b>	Grid 8 <b>M4</b> <b>21.01 dBV/m</b>	Grid 9 <b>M4</b> <b>19.93 dBV/m</b>



0 dB = 11.24 V/m = 21.02 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

**LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.263 V/m; Power Drift = 0.17 dB

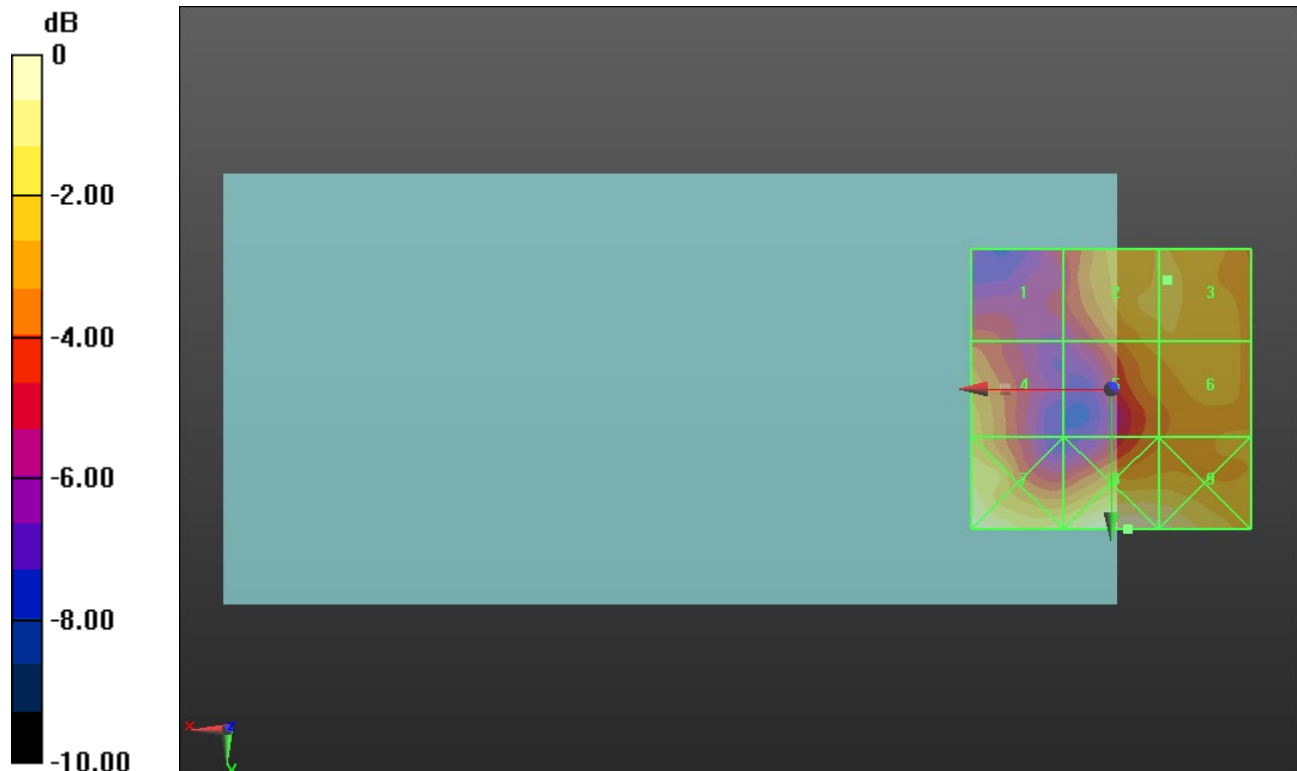
Applied MIF = -1.44 dB

RF audio interference level = 18.43 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>16.08 dBV/m</b>	Grid 2 <b>M4</b> <b>18.41 dBV/m</b>	Grid 3 <b>M4</b> <b>18.43 dBV/m</b>
Grid 4 <b>M4</b> <b>18.01 dBV/m</b>	Grid 5 <b>M4</b> <b>17.96 dBV/m</b>	Grid 6 <b>M4</b> <b>18.11 dBV/m</b>
Grid 7 <b>M4</b> <b>20.08 dBV/m</b>	Grid 8 <b>M4</b> <b>20.27 dBV/m</b>	Grid 9 <b>M4</b> <b>19.92 dBV/m</b>



0 dB = 10.31 V/m = 20.27 dBV/m

# ANT 1

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 41490/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.10 V/m; Power Drift = -0.49 dB

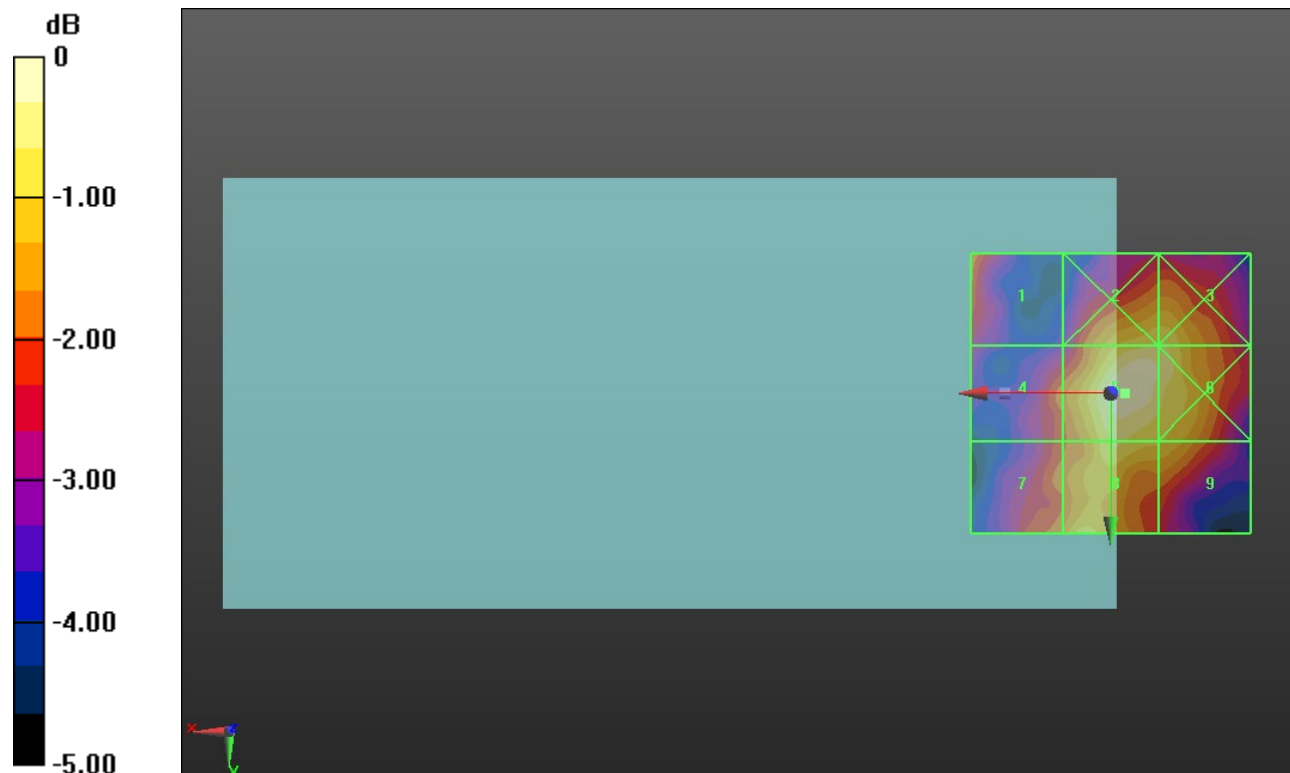
Applied MIF = -1.44 dB

RF audio interference level = 16.53 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.92 dBV/m</b>	Grid 2 <b>M4</b> <b>15.94 dBV/m</b>	Grid 3 <b>M4</b> <b>15.94 dBV/m</b>
Grid 4 <b>M4</b> <b>14.79 dBV/m</b>	Grid 5 <b>M4</b> <b>16.53 dBV/m</b>	Grid 6 <b>M4</b> <b>16.2 dBV/m</b>
Grid 7 <b>M4</b> <b>14.97 dBV/m</b>	Grid 8 <b>M4</b> <b>15.92 dBV/m</b>	Grid 9 <b>M4</b> <b>15.59 dBV/m</b>



0 dB = 6.704 V/m = 16.53 dBV/m



# ANT 1

Communication System: UID 10235 - CAH, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM); Frequency: 2489.2 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 53 E-Field measurement/SC-FDMA RB 1/25 10 MHz 16QAM Ch.

**60197/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.580 V/m; Power Drift = -0.20 dB

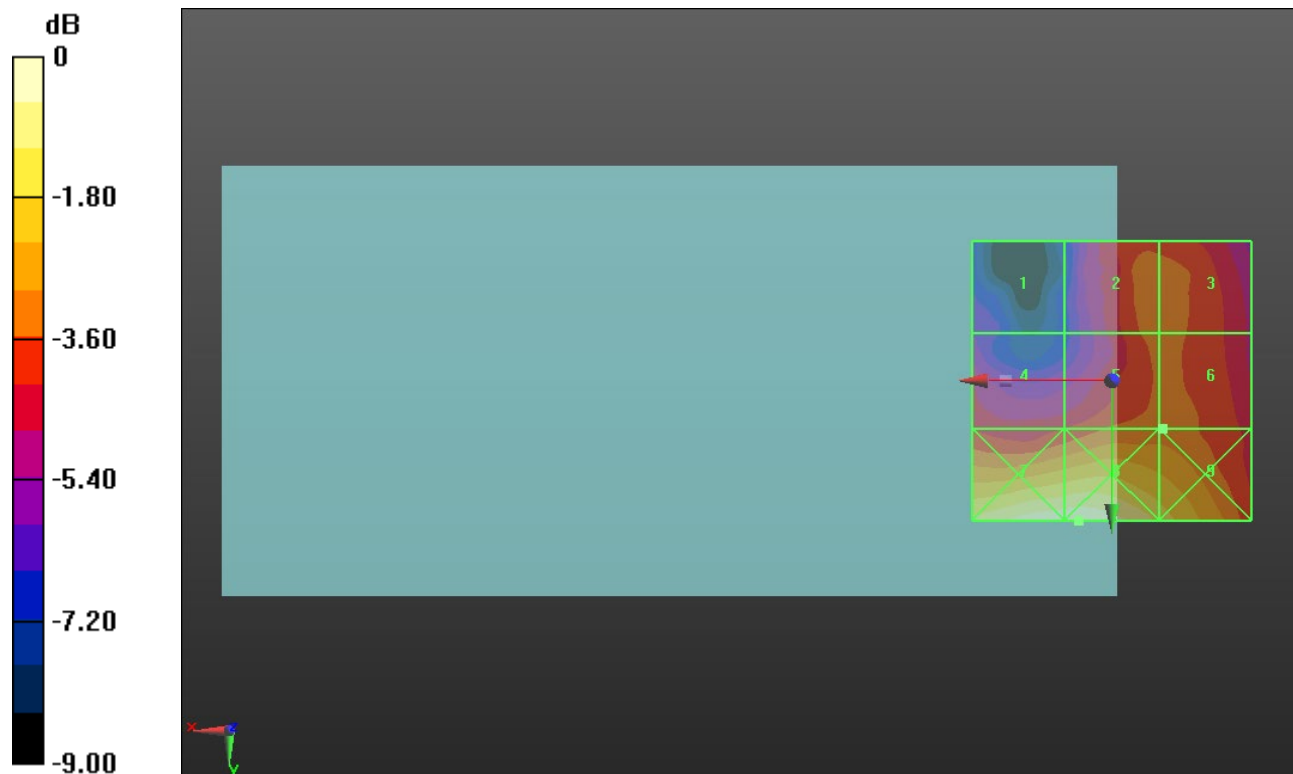
Applied MIF = -1.44 dB

RF audio interference level = 17.66 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.86 dBV/m</b>	Grid 2 <b>M4</b> <b>17.63 dBV/m</b>	Grid 3 <b>M4</b> <b>17.61 dBV/m</b>
Grid 4 <b>M4</b> <b>16.74 dBV/m</b>	Grid 5 <b>M4</b> <b>17.65 dBV/m</b>	Grid 6 <b>M4</b> <b>17.66 dBV/m</b>
Grid 7 <b>M4</b> <b>20.77 dBV/m</b>	Grid 8 <b>M4</b> <b>20.88 dBV/m</b>	Grid 9 <b>M4</b> <b>19.49 dBV/m</b>



0 dB = 11.07 V/m = 20.88 dBV/m

## ANT 2

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM850 E-Field measurement/Voice\_ch 128/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 111.1 V/m; Power Drift = 0.18 dB

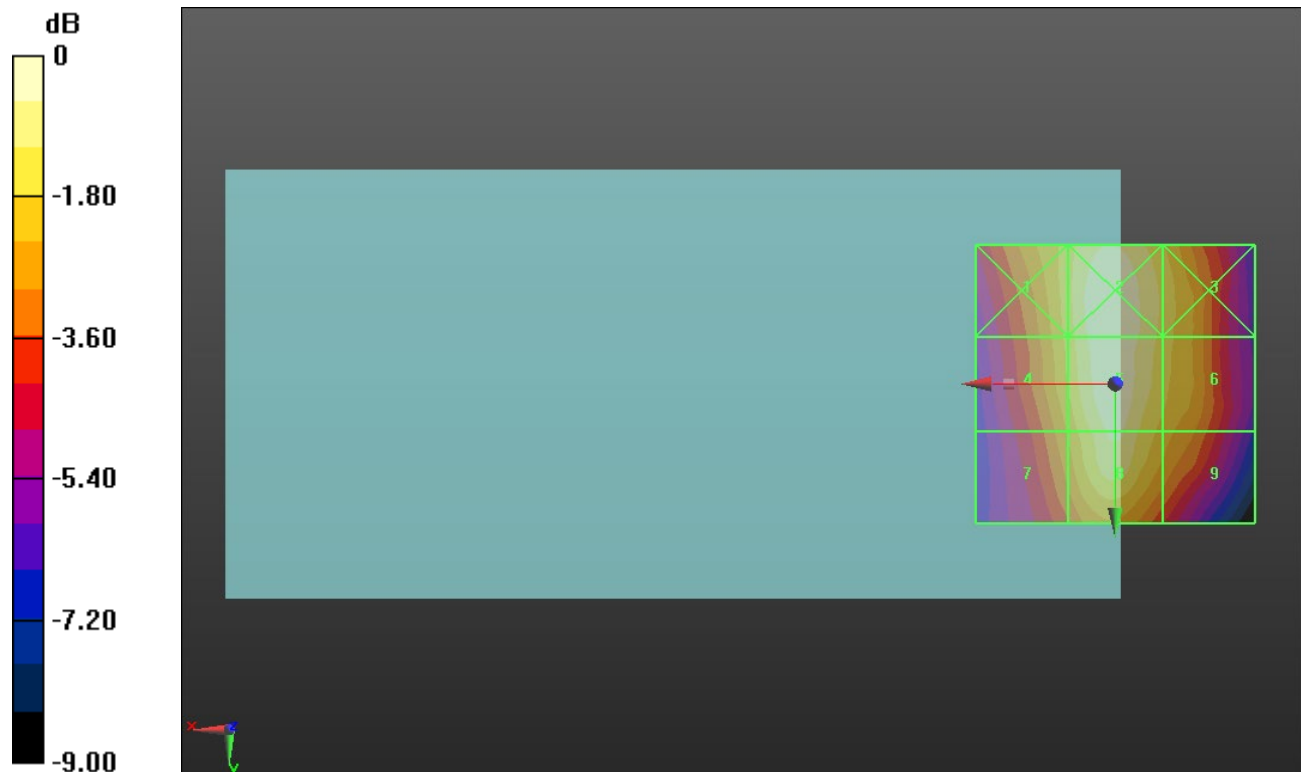
Applied MIF = 3.63 dB

RF audio interference level = 39.88 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.47 dBV/m</b>	Grid 2 <b>M4</b> <b>39.87 dBV/m</b>	Grid 3 <b>M4</b> <b>38.56 dBV/m</b>
Grid 4 <b>M4</b> <b>38.31 dBV/m</b>	Grid 5 <b>M4</b> <b>39.88 dBV/m</b>	Grid 6 <b>M4</b> <b>38.46 dBV/m</b>
Grid 7 <b>M4</b> <b>37.55 dBV/m</b>	Grid 8 <b>M4</b> <b>39.39 dBV/m</b>	Grid 9 <b>M4</b> <b>37.85 dBV/m</b>



0 dB = 98.61 V/m = 39.88 dBV/m

## ANT 2

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### GSM850 E-Field measurement/Voice\_ch 190/Hearing Aid Compatibility Test

**(101x101x1)**: Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 115.9 V/m; Power Drift = 0.12 dB

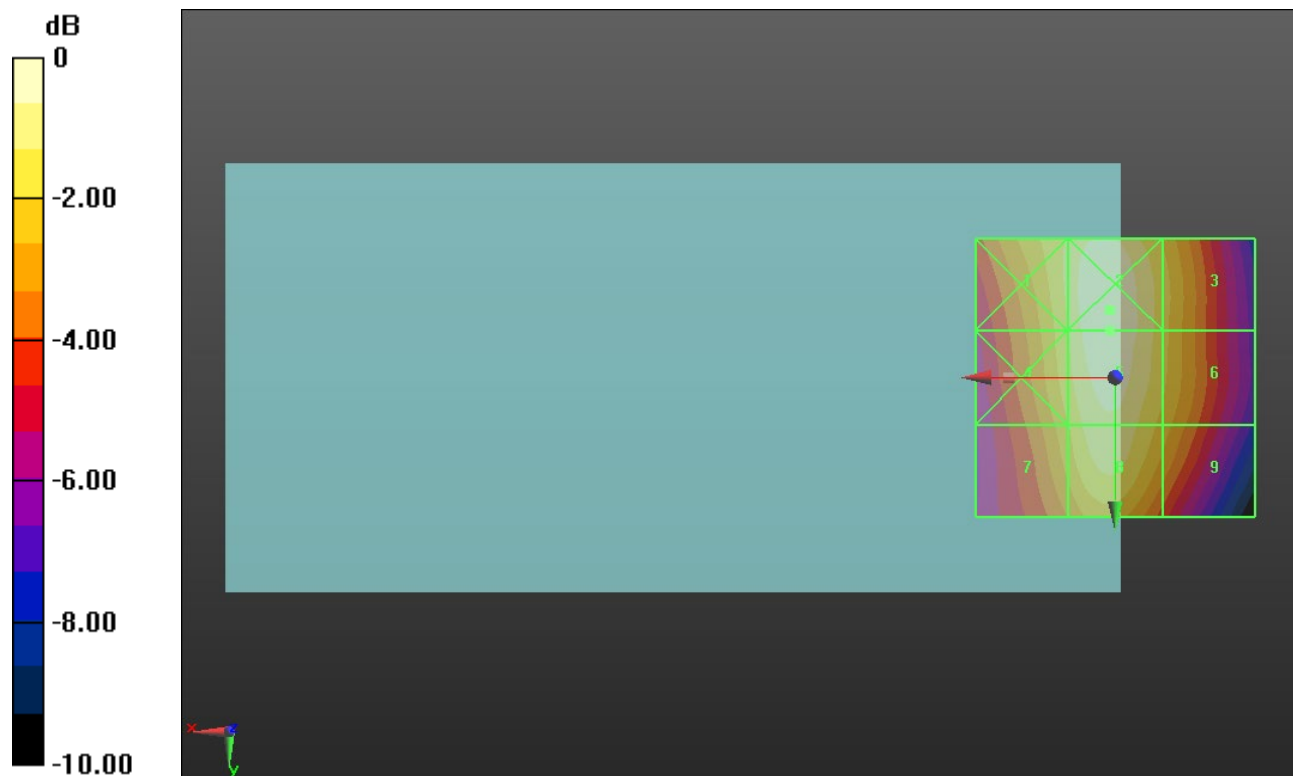
Applied MIF = 3.63 dB

RF audio interference level = 40.31 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>39.2 dBV/m</b>	Grid 2 <b>M3</b> <b>40.36 dBV/m</b>	Grid 3 <b>M4</b> <b>38.72 dBV/m</b>
Grid 4 <b>M4</b> <b>39 dBV/m</b>	Grid 5 <b>M3</b> <b>40.31 dBV/m</b>	Grid 6 <b>M4</b> <b>38.64 dBV/m</b>
Grid 7 <b>M4</b> <b>38.31 dBV/m</b>	Grid 8 <b>M4</b> <b>39.56 dBV/m</b>	Grid 9 <b>M4</b> <b>38.09 dBV/m</b>



0 dB = 104.2 V/m = 40.36 dBV/m

## ANT 2

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM850 E-Field measurement/Voice\_ch 251/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 117.5 V/m; Power Drift = -0.05 dB

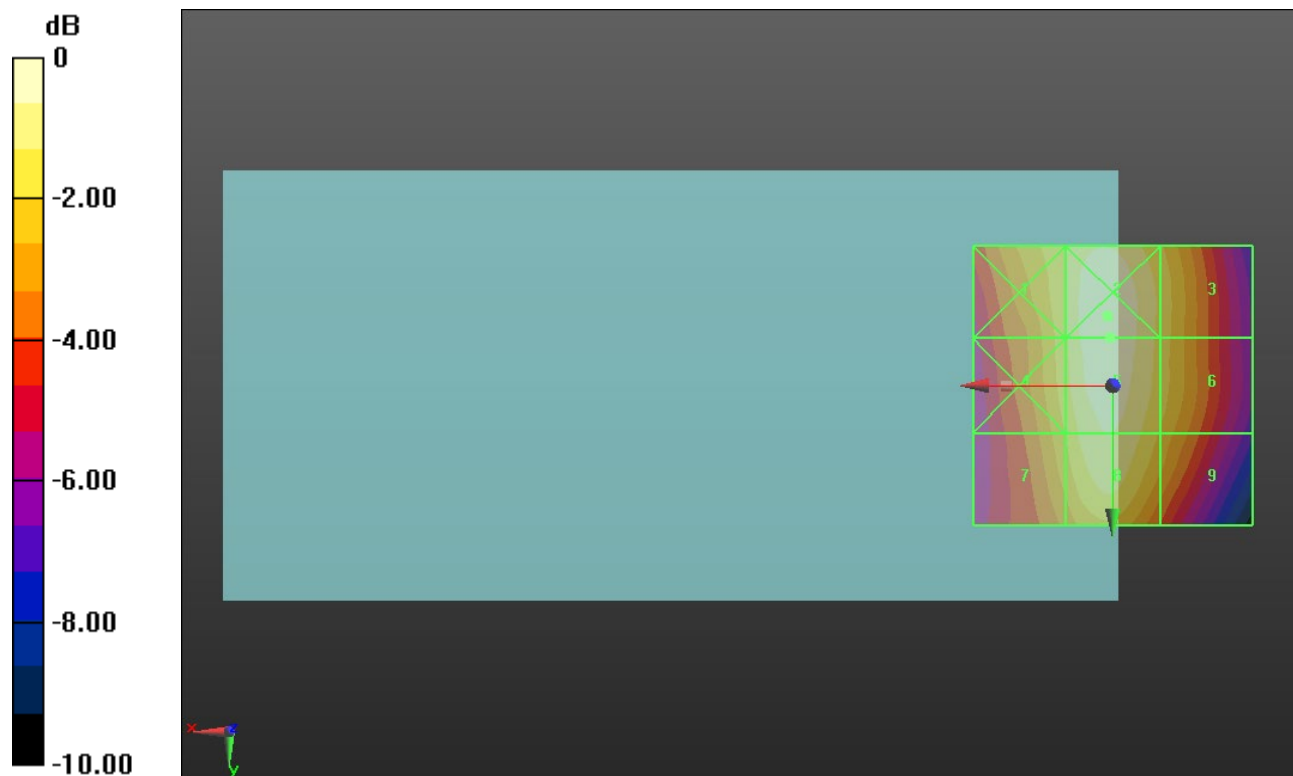
Applied MIF = 3.63 dB

RF audio interference level = 40.29 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>39.01 dBV/m</b>	Grid 2 <b>M3</b> <b>40.34 dBV/m</b>	Grid 3 <b>M4</b> <b>38.86 dBV/m</b>
Grid 4 <b>M4</b> <b>38.88 dBV/m</b>	Grid 5 <b>M3</b> <b>40.29 dBV/m</b>	Grid 6 <b>M4</b> <b>38.79 dBV/m</b>
Grid 7 <b>M4</b> <b>38.36 dBV/m</b>	Grid 8 <b>M4</b> <b>39.68 dBV/m</b>	Grid 9 <b>M4</b> <b>38.26 dBV/m</b>



0 dB = 104.0 V/m = 40.34 dBV/m

## ANT 2

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 512/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.00 V/m; Power Drift = -0.14 dB

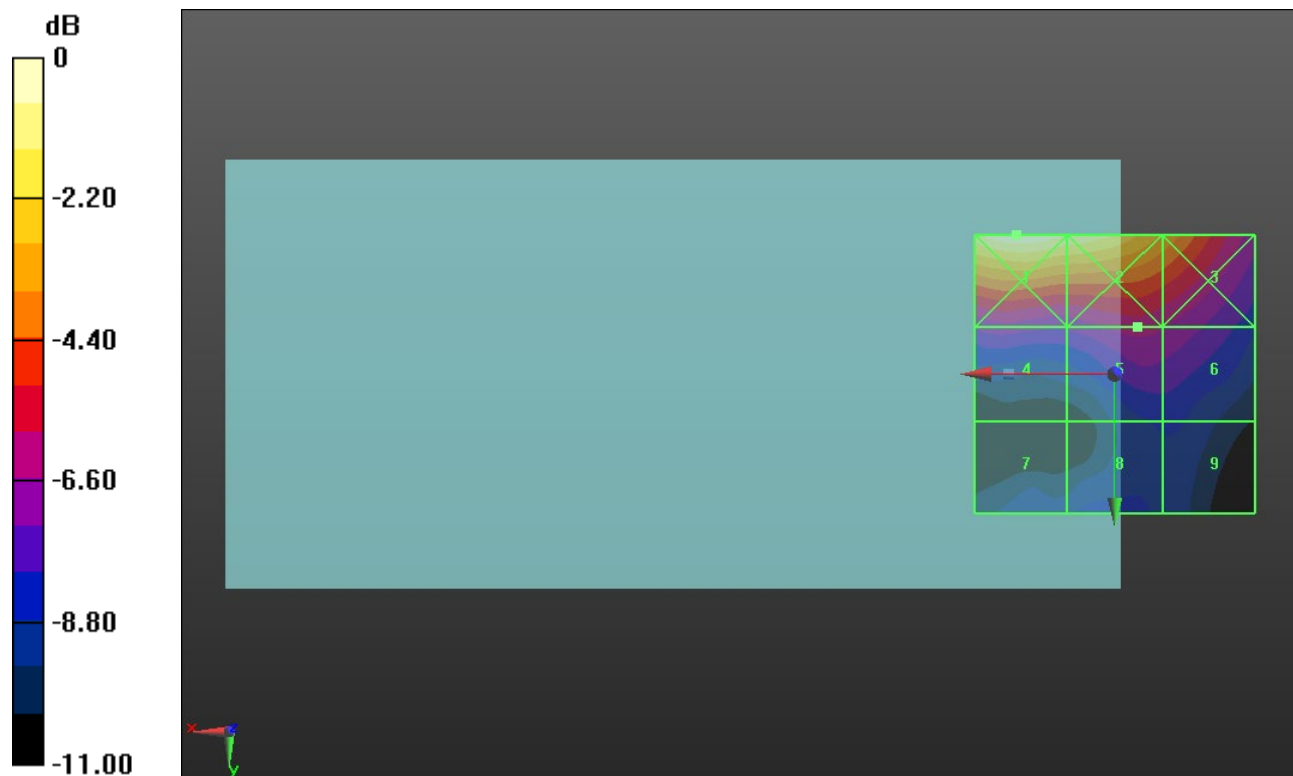
Applied MIF = 3.63 dB

RF audio interference level = 26.65 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>32.88 dBV/m</b>	Grid 2 <b>M3</b> <b>32.24 dBV/m</b>	Grid 3 <b>M4</b> <b>29.92 dBV/m</b>
Grid 4 <b>M4</b> <b>26.06 dBV/m</b>	Grid 5 <b>M4</b> <b>26.65 dBV/m</b>	Grid 6 <b>M4</b> <b>26.36 dBV/m</b>
Grid 7 <b>M4</b> <b>24.07 dBV/m</b>	Grid 8 <b>M4</b> <b>24.35 dBV/m</b>	Grid 9 <b>M4</b> <b>24.29 dBV/m</b>



0 dB = 44.04 V/m = 32.88 dBV/m

## ANT 2

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 661/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.65 V/m; Power Drift = -0.12 dB

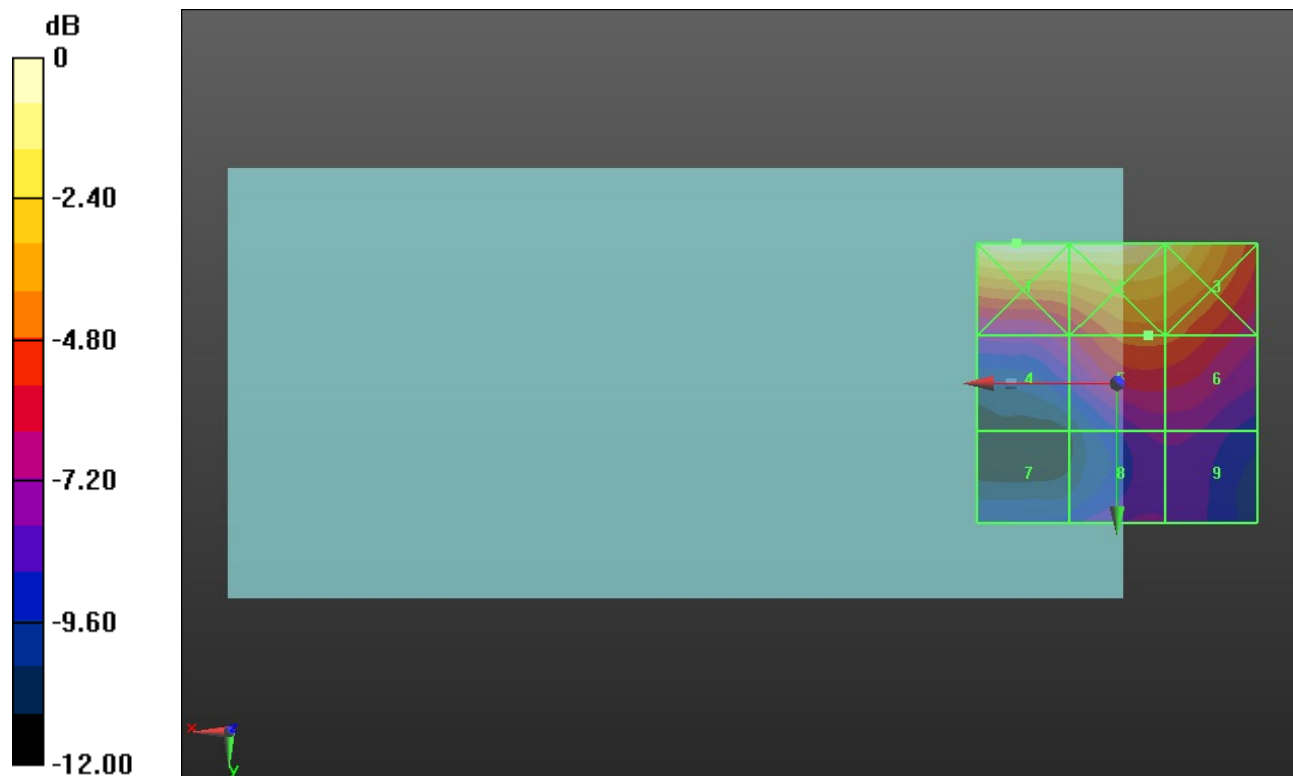
Applied MIF = 3.63 dB

RF audio interference level = 28.23 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>32.66 dBV/m</b>	Grid 2 <b>M3</b> <b>32.54 dBV/m</b>	Grid 3 <b>M3</b> <b>31.4 dBV/m</b>
Grid 4 <b>M4</b> <b>26.25 dBV/m</b>	Grid 5 <b>M4</b> <b>28.23 dBV/m</b>	Grid 6 <b>M4</b> <b>28.16 dBV/m</b>
Grid 7 <b>M4</b> <b>23.54 dBV/m</b>	Grid 8 <b>M4</b> <b>24.98 dBV/m</b>	Grid 9 <b>M4</b> <b>24.99 dBV/m</b>



0 dB = 42.97 V/m = 32.66 dBV/m

## ANT 2

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 810/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.47 V/m; Power Drift = -0.07 dB

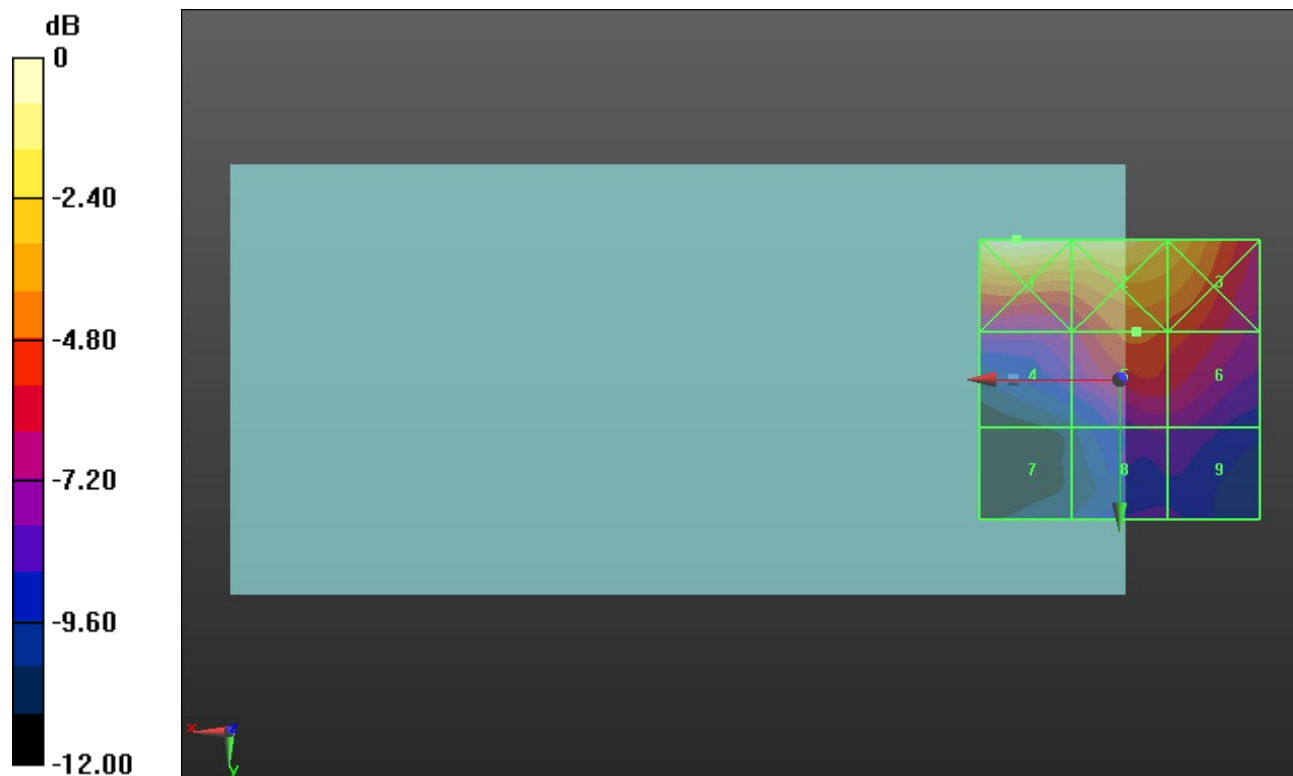
Applied MIF = 3.63 dB

RF audio interference level = 28.41 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>32.95 dBV/m</b>	Grid 2 <b>M3</b> <b>32.32 dBV/m</b>	Grid 3 <b>M3</b> <b>30.82 dBV/m</b>
Grid 4 <b>M4</b> <b>26.3 dBV/m</b>	Grid 5 <b>M4</b> <b>28.41 dBV/m</b>	Grid 6 <b>M4</b> <b>27.89 dBV/m</b>
Grid 7 <b>M4</b> <b>22.76 dBV/m</b>	Grid 8 <b>M4</b> <b>25.19 dBV/m</b>	Grid 9 <b>M4</b> <b>25.14 dBV/m</b>



0 dB = 44.40 V/m = 32.95 dBV/m

## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**39750/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 80.99 V/m; Power Drift = 0.06 dB

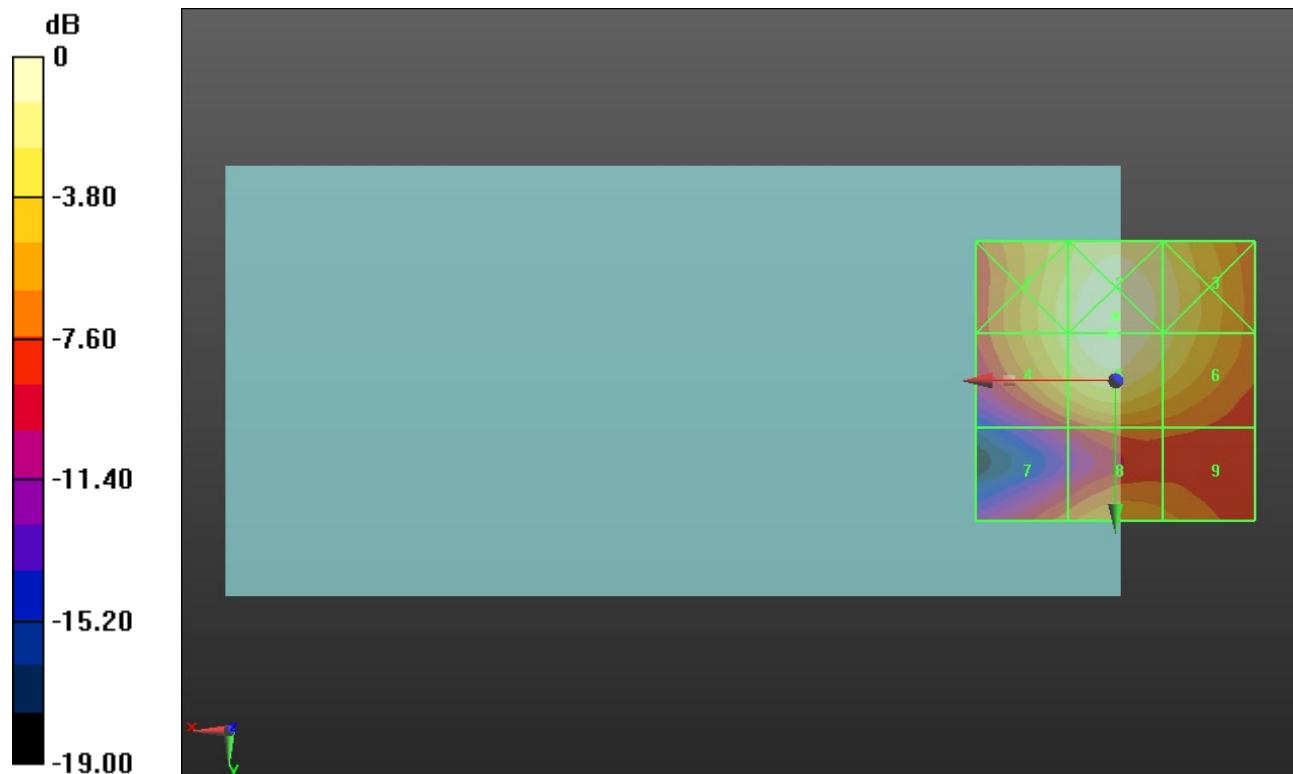
Applied MIF = -1.44 dB

RF audio interference level = 33.64 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>32.08 dBV/m</b>	Grid 2 <b>M3</b> <b>33.79 dBV/m</b>	Grid 3 <b>M3</b> <b>32.12 dBV/m</b>
Grid 4 <b>M3</b> <b>31.93 dBV/m</b>	Grid 5 <b>M3</b> <b>33.64 dBV/m</b>	Grid 6 <b>M3</b> <b>31.83 dBV/m</b>
Grid 7 <b>M4</b> <b>27.03 dBV/m</b>	Grid 8 <b>M4</b> <b>28.81 dBV/m</b>	Grid 9 <b>M4</b> <b>28.01 dBV/m</b>



0 dB = 48.90 V/m = 33.79 dBV/m



## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**40185/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 76.60 V/m; Power Drift = -0.05 dB

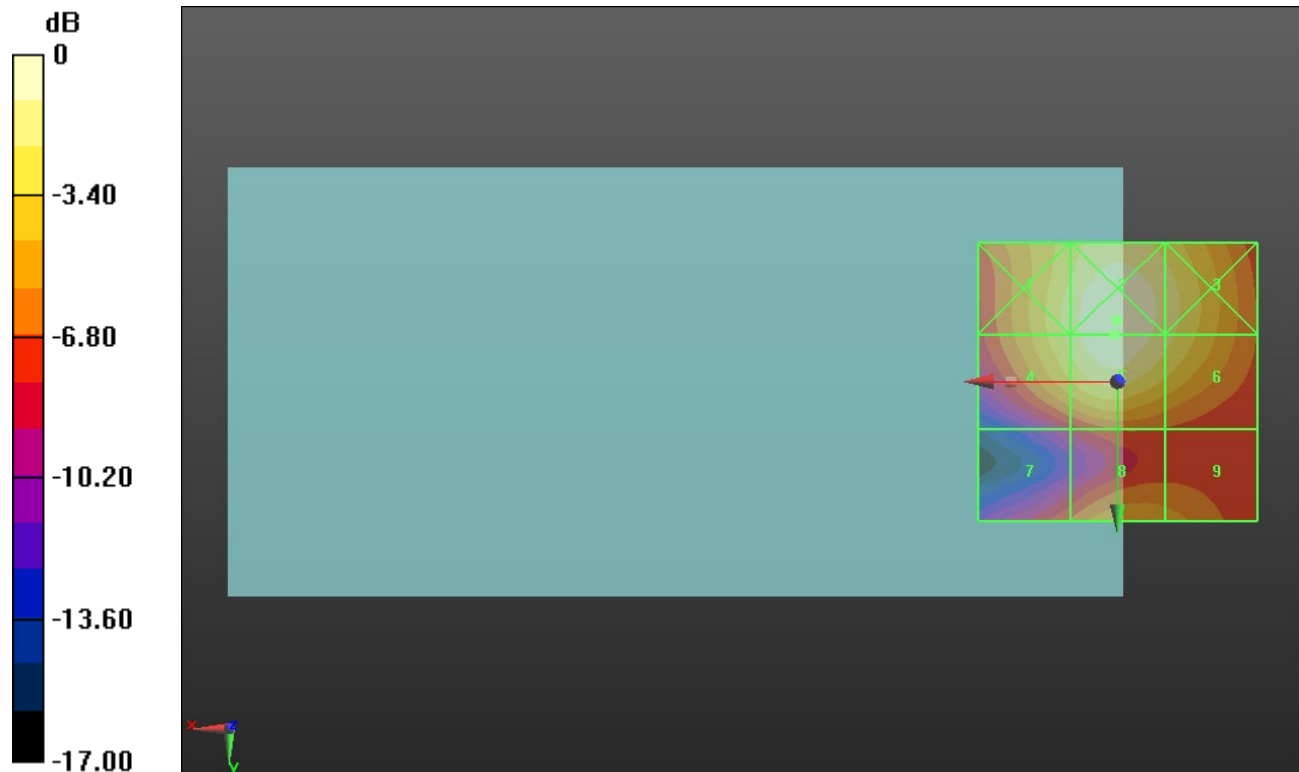
Applied MIF = -1.44 dB

RF audio interference level = 32.96 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>31.38 dBV/m</b>	Grid 2 <b>M3</b> <b>33.07 dBV/m</b>	Grid 3 <b>M3</b> <b>31.54 dBV/m</b>
Grid 4 <b>M3</b> <b>31.25 dBV/m</b>	Grid 5 <b>M3</b> <b>32.96 dBV/m</b>	Grid 6 <b>M3</b> <b>31.3 dBV/m</b>
Grid 7 <b>M4</b> <b>26.46 dBV/m</b>	Grid 8 <b>M4</b> <b>28.53 dBV/m</b>	Grid 9 <b>M4</b> <b>28.08 dBV/m</b>



0 dB = 45.03 V/m = 33.07 dBV/m

## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**40620/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 67.09 V/m; Power Drift = 0.09 dB

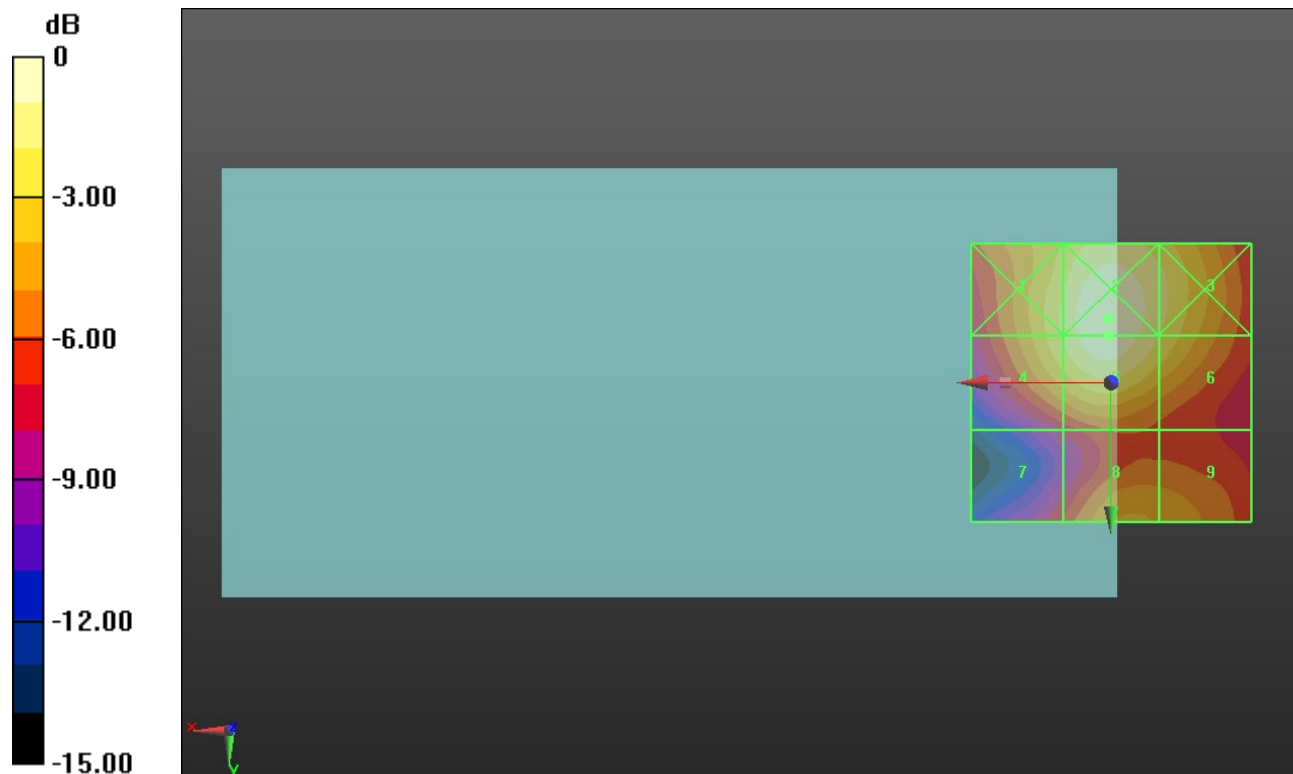
Applied MIF = -1.44 dB

RF audio interference level = 32.68 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>31.14 dBV/m</b>	Grid 2 <b>M3</b> <b>32.86 dBV/m</b>	Grid 3 <b>M3</b> <b>31.28 dBV/m</b>
Grid 4 <b>M3</b> <b>31.02 dBV/m</b>	Grid 5 <b>M3</b> <b>32.68 dBV/m</b>	Grid 6 <b>M3</b> <b>30.93 dBV/m</b>
Grid 7 <b>M4</b> <b>26.21 dBV/m</b>	Grid 8 <b>M4</b> <b>29.06 dBV/m</b>	Grid 9 <b>M4</b> <b>28.72 dBV/m</b>



0 dB = 43.96 V/m = 32.86 dBV/m

## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**41055/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 73.53 V/m; Power Drift = 0.08 dB

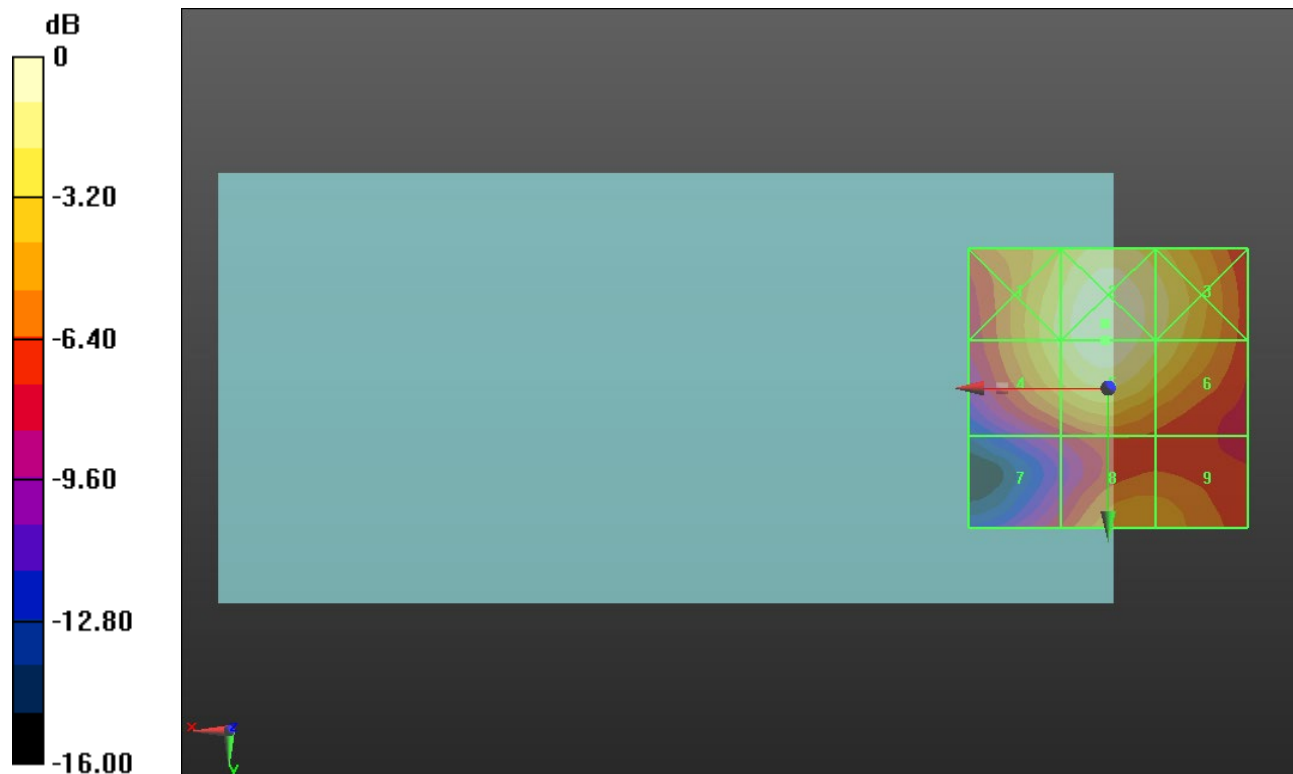
Applied MIF = -1.44 dB

RF audio interference level = 33.16 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>31.68 dBV/m</b>	Grid 2 <b>M3</b> <b>33.35 dBV/m</b>	Grid 3 <b>M3</b> <b>31.84 dBV/m</b>
Grid 4 <b>M3</b> <b>31.53 dBV/m</b>	Grid 5 <b>M3</b> <b>33.16 dBV/m</b>	Grid 6 <b>M3</b> <b>31.47 dBV/m</b>
Grid 7 <b>M4</b> <b>26 dBV/m</b>	Grid 8 <b>M4</b> <b>29 dBV/m</b>	Grid 9 <b>M4</b> <b>28.75 dBV/m</b>



0 dB = 46.49 V/m = 33.35 dBV/m

## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**41490/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 74.08 V/m; Power Drift = -0.03 dB

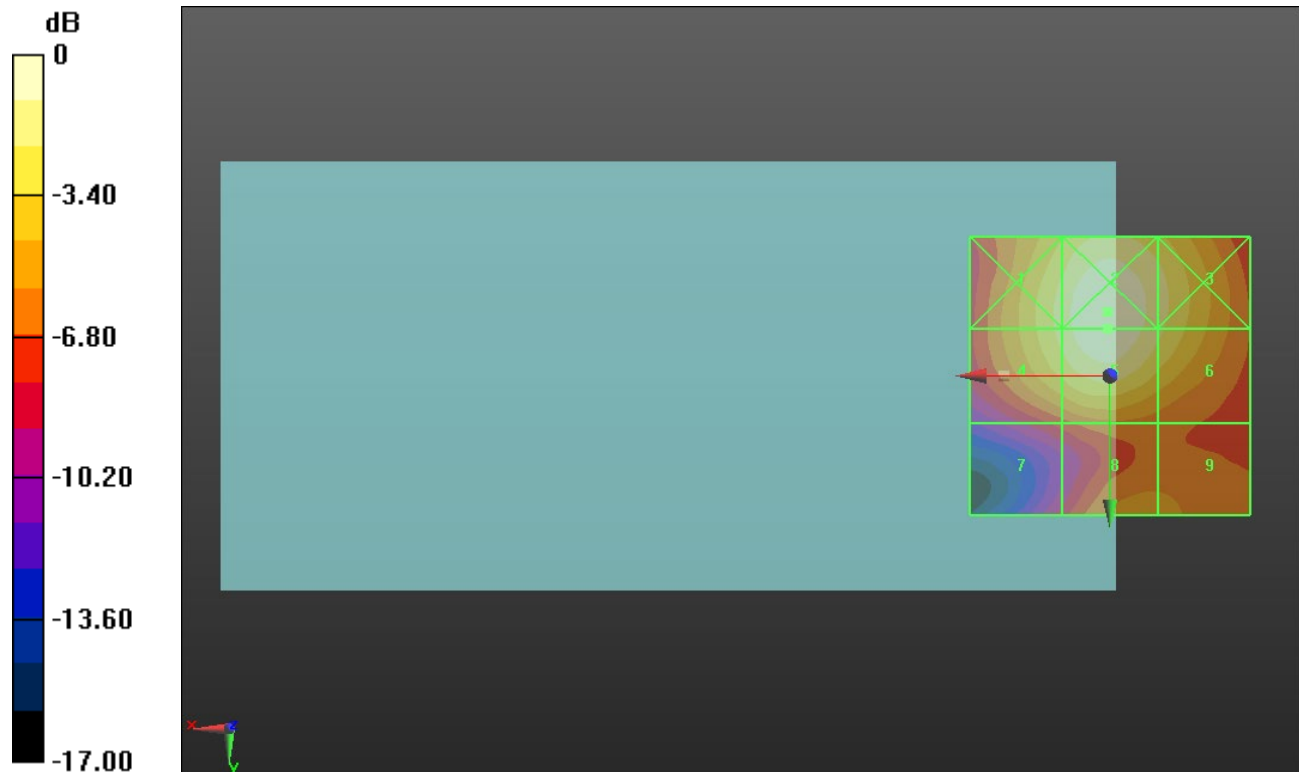
Applied MIF = -1.44 dB

RF audio interference level = 33.17 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>31.61 dBV/m</b>	Grid 2 <b>M3</b> <b>33.29 dBV/m</b>	Grid 3 <b>M3</b> <b>31.61 dBV/m</b>
Grid 4 <b>M3</b> <b>31.53 dBV/m</b>	Grid 5 <b>M3</b> <b>33.17 dBV/m</b>	Grid 6 <b>M3</b> <b>31.37 dBV/m</b>
Grid 7 <b>M4</b> <b>25.97 dBV/m</b>	Grid 8 <b>M4</b> <b>28.31 dBV/m</b>	Grid 9 <b>M4</b> <b>28.14 dBV/m</b>



0 dB = 46.20 V/m = 33.29 dBV/m

## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 39750/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.39 V/m; Power Drift = 0.02 dB

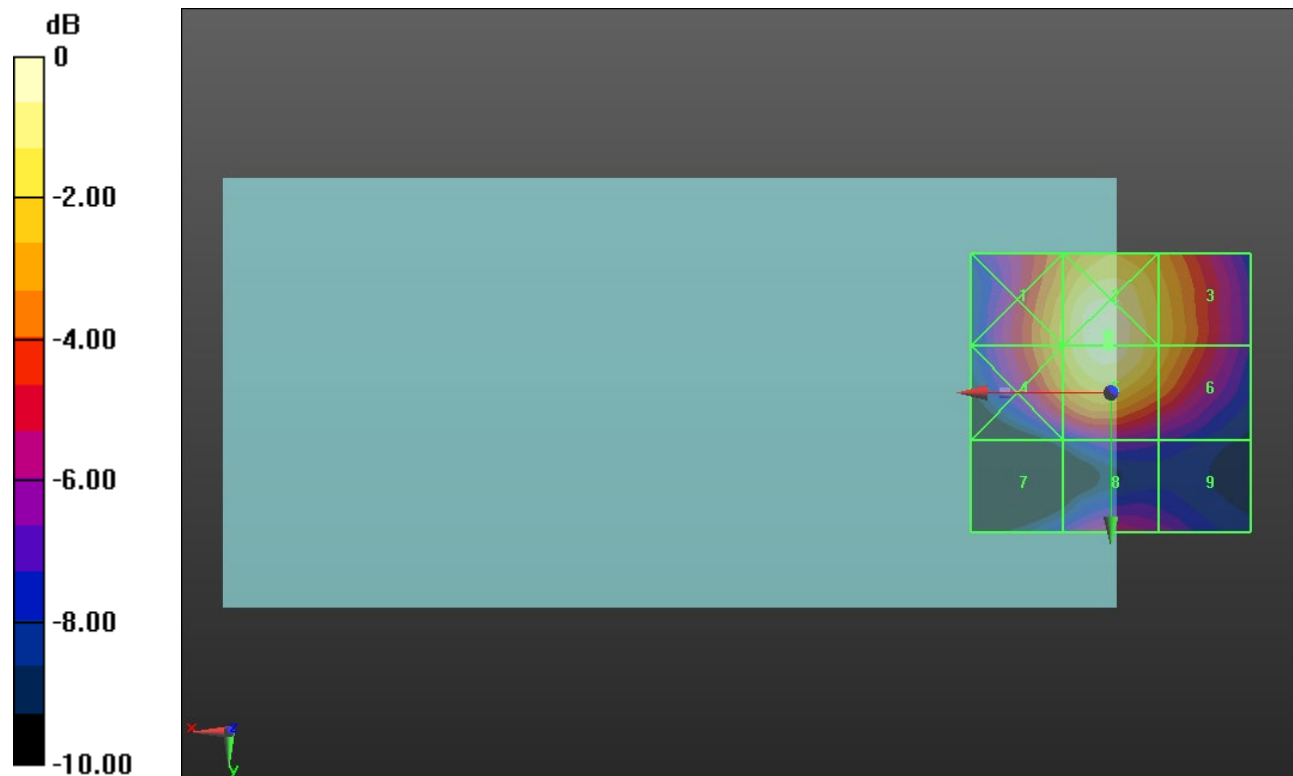
Applied MIF = -1.44 dB

RF audio interference level = 26.85 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.25 dBV/m</b>	Grid 2 <b>M4</b> <b>26.98 dBV/m</b>	Grid 3 <b>M4</b> <b>25.07 dBV/m</b>
Grid 4 <b>M4</b> <b>25.17 dBV/m</b>	Grid 5 <b>M4</b> <b>26.85 dBV/m</b>	Grid 6 <b>M4</b> <b>24.96 dBV/m</b>
Grid 7 <b>M4</b> <b>20.05 dBV/m</b>	Grid 8 <b>M4</b> <b>21.74 dBV/m</b>	Grid 9 <b>M4</b> <b>20.9 dBV/m</b>



0 dB = 22.32 V/m = 26.97 dBV/m

## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

**LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.56 V/m; Power Drift = -0.06 dB

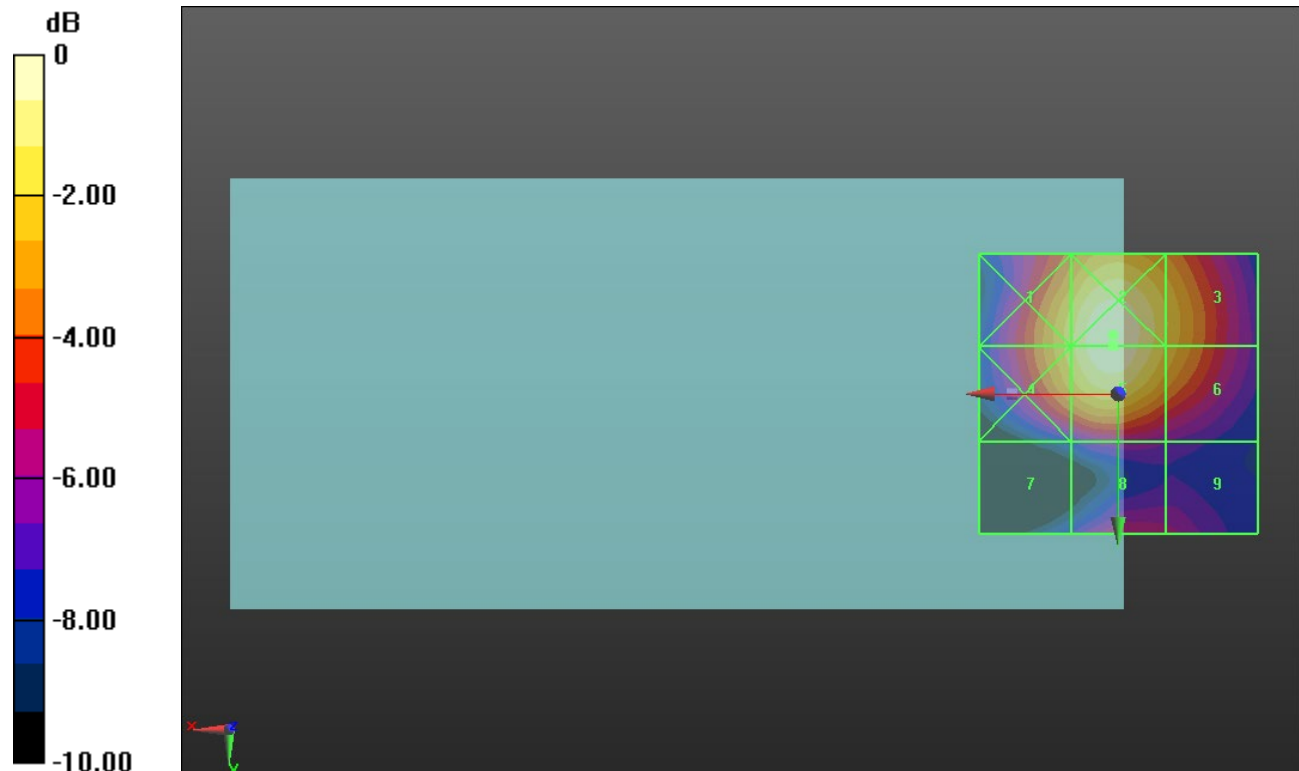
Applied MIF = -1.44 dB

RF audio interference level = 26.87 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>25.37 dBV/m</b>	<b>Grid 2 M4</b> <b>26.92 dBV/m</b>	<b>Grid 3 M4</b> <b>25.03 dBV/m</b>
<b>Grid 4 M4</b> <b>25.35 dBV/m</b>	<b>Grid 5 M4</b> <b>26.87 dBV/m</b>	<b>Grid 6 M4</b> <b>24.88 dBV/m</b>
<b>Grid 7 M4</b> <b>19.67 dBV/m</b>	<b>Grid 8 M4</b> <b>21.72 dBV/m</b>	<b>Grid 9 M4</b> <b>21.3 dBV/m</b>



0 dB = 22.18 V/m = 26.92 dBV/m

## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 40620/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.37 V/m; Power Drift = 0.08 dB

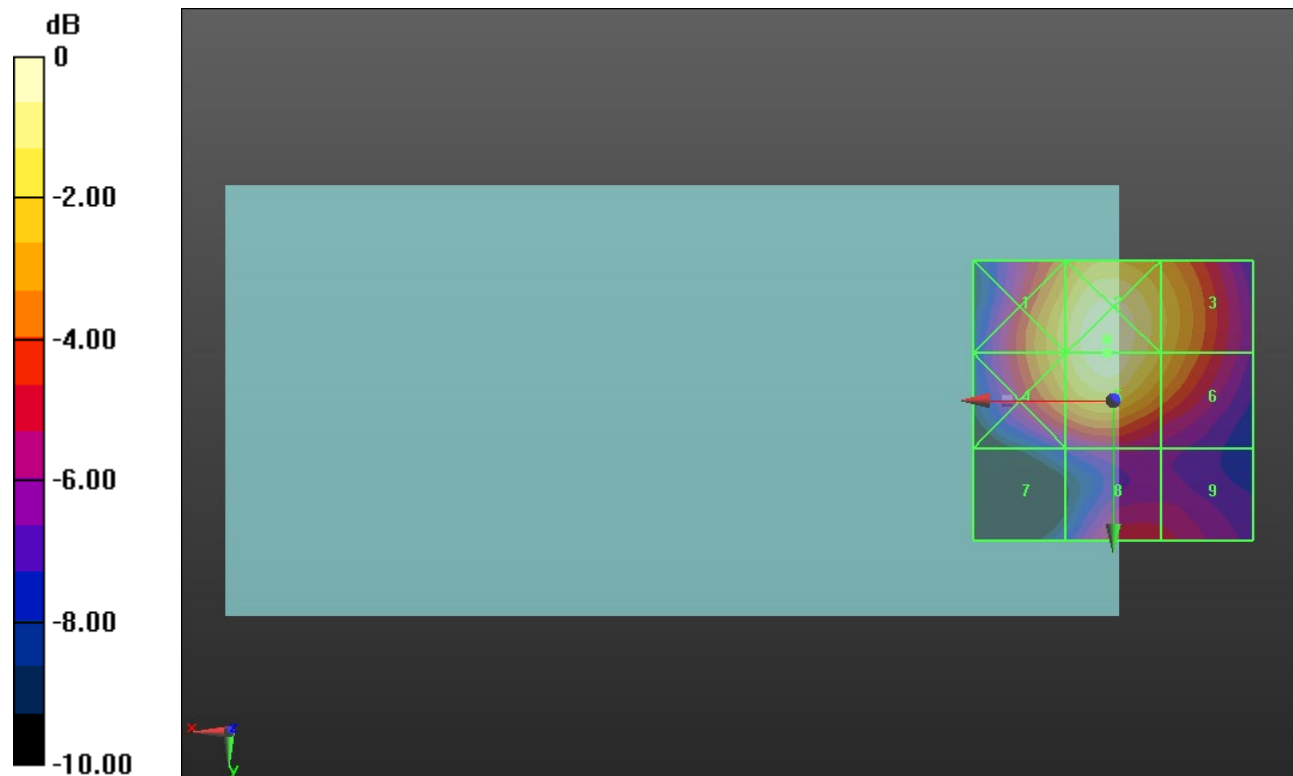
Applied MIF = -1.44 dB

RF audio interference level = 27.11 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.73 dBV/m</b>	Grid 2 <b>M4</b> <b>27.21 dBV/m</b>	Grid 3 <b>M4</b> <b>25.48 dBV/m</b>
Grid 4 <b>M4</b> <b>25.64 dBV/m</b>	Grid 5 <b>M4</b> <b>27.11 dBV/m</b>	Grid 6 <b>M4</b> <b>25.19 dBV/m</b>
Grid 7 <b>M4</b> <b>20.23 dBV/m</b>	Grid 8 <b>M4</b> <b>22.47 dBV/m</b>	Grid 9 <b>M4</b> <b>22.21 dBV/m</b>



0 dB = 22.93 V/m = 27.21 dBV/m

## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 41055/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.75 V/m; Power Drift = -0.04 dB

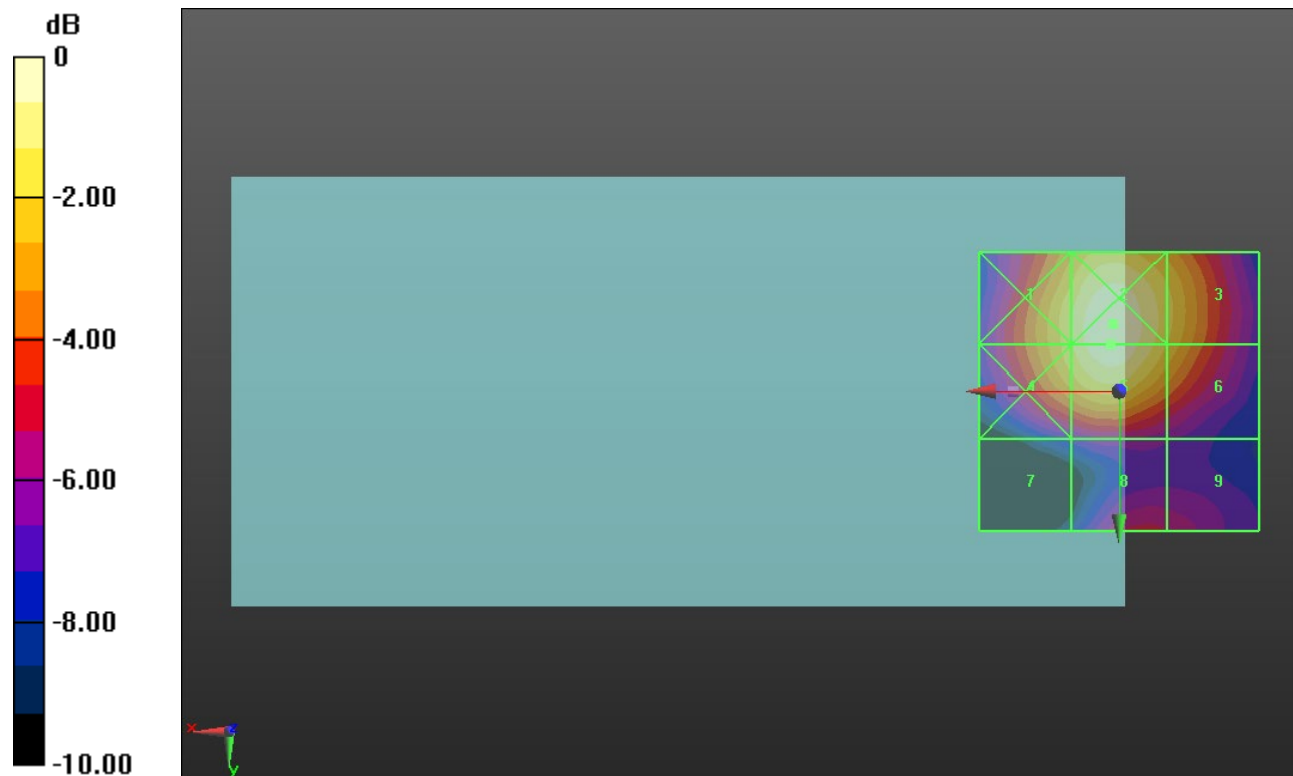
Applied MIF = -1.44 dB

RF audio interference level = 27.07 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.89 dBV/m</b>	Grid 2 <b>M4</b> <b>27.21 dBV/m</b>	Grid 3 <b>M4</b> <b>25.53 dBV/m</b>
Grid 4 <b>M4</b> <b>25.79 dBV/m</b>	Grid 5 <b>M4</b> <b>27.07 dBV/m</b>	Grid 6 <b>M4</b> <b>25.23 dBV/m</b>
Grid 7 <b>M4</b> <b>20.31 dBV/m</b>	Grid 8 <b>M4</b> <b>22.17 dBV/m</b>	Grid 9 <b>M4</b> <b>21.92 dBV/m</b>



0 dB = 22.93 V/m = 27.21 dBV/m



## ANT 2

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 41490/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.51 V/m; Power Drift = 0.03 dB

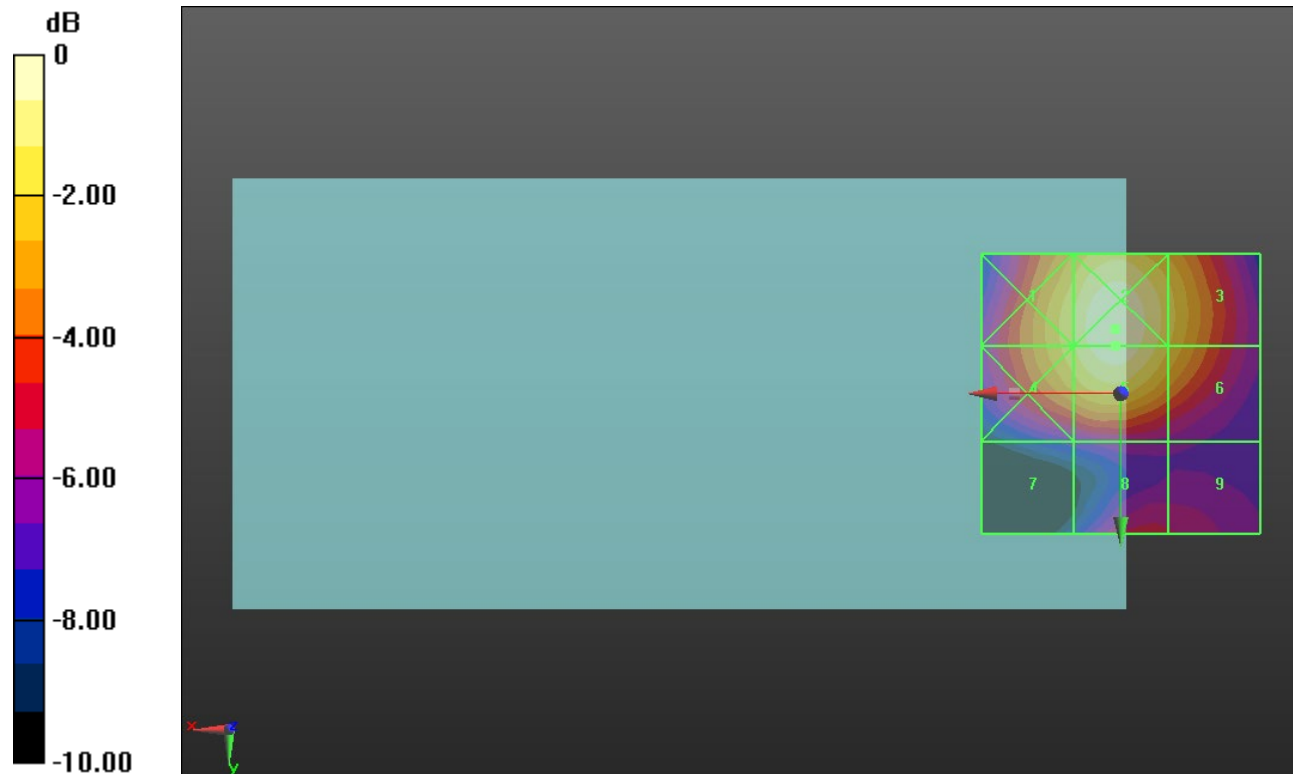
Applied MIF = -1.44 dB

RF audio interference level = 26.30 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>25.19 dBV/m</b>	<b>Grid 2 M4</b> <b>26.47 dBV/m</b>	<b>Grid 3 M4</b> <b>24.8 dBV/m</b>
<b>Grid 4 M4</b> <b>25.06 dBV/m</b>	<b>Grid 5 M4</b> <b>26.3 dBV/m</b>	<b>Grid 6 M4</b> <b>24.53 dBV/m</b>
<b>Grid 7 M4</b> <b>19.71 dBV/m</b>	<b>Grid 8 M4</b> <b>21.48 dBV/m</b>	<b>Grid 9 M4</b> <b>21.27 dBV/m</b>



0 dB = 21.06 V/m = 26.47 dBV/m

## ANT 2

Communication System: UID 10235 - CAH, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM); Frequency: 2489.2 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 53 E-Field measurement/SC-FDMA RB 1/25 10 MHz 16QAM Ch.

**60197/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 64.20 V/m; Power Drift = 0.00 dB

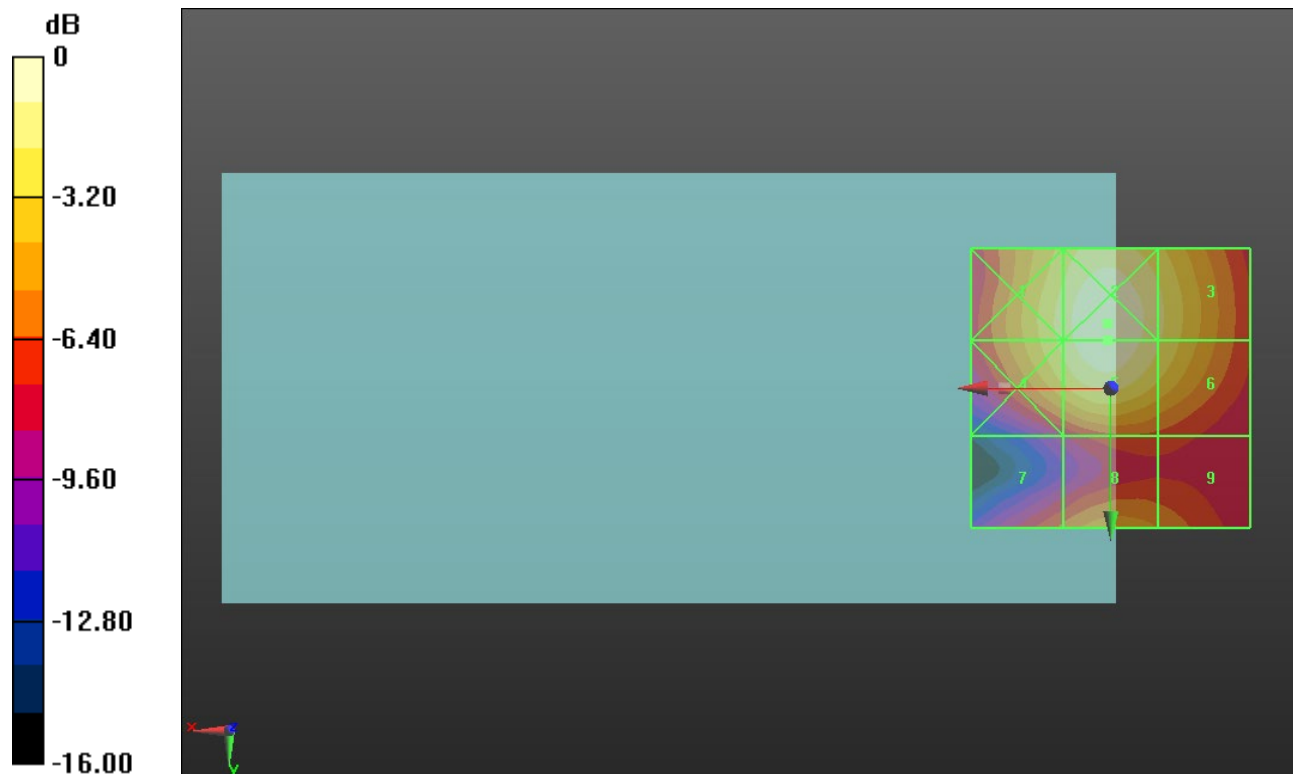
Applied MIF = -1.44 dB

RF audio interference level = 31.78 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>30.36 dBV/m</b>	Grid 2 <b>M3</b> <b>31.92 dBV/m</b>	Grid 3 <b>M3</b> <b>30.09 dBV/m</b>
Grid 4 <b>M3</b> <b>30.21 dBV/m</b>	Grid 5 <b>M3</b> <b>31.78 dBV/m</b>	Grid 6 <b>M4</b> <b>29.91 dBV/m</b>
Grid 7 <b>M4</b> <b>25.92 dBV/m</b>	Grid 8 <b>M4</b> <b>27.31 dBV/m</b>	Grid 9 <b>M4</b> <b>26.58 dBV/m</b>



0 dB = 39.43 V/m = 31.92 dBV/m

### ANT 3

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 512/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.47 V/m; Power Drift = 0.05 dB

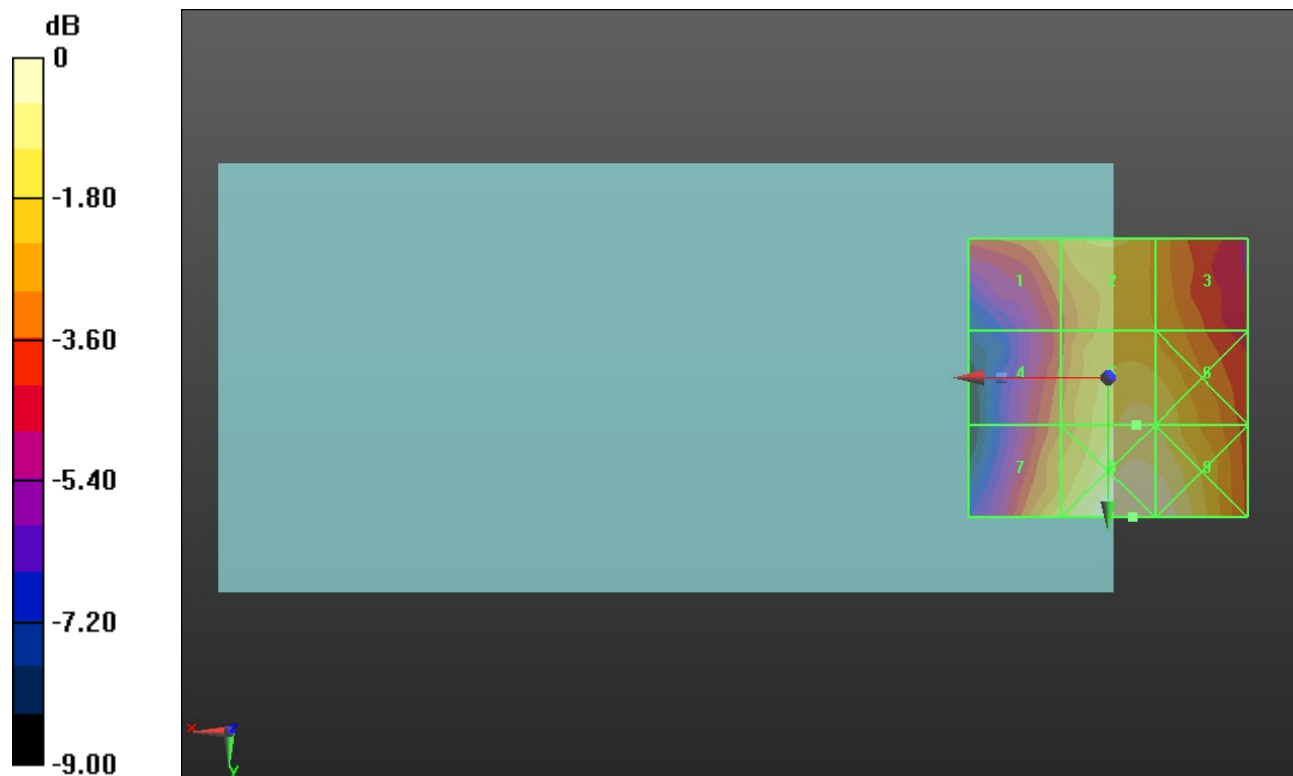
Applied MIF = 3.63 dB

RF audio interference level = 28.60 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.31 dBV/m</b>	Grid 2 <b>M4</b> <b>27.95 dBV/m</b>	Grid 3 <b>M4</b> <b>27.18 dBV/m</b>
Grid 4 <b>M4</b> <b>26.58 dBV/m</b>	Grid 5 <b>M4</b> <b>28.6 dBV/m</b>	Grid 6 <b>M4</b> <b>28.42 dBV/m</b>
Grid 7 <b>M4</b> <b>28.27 dBV/m</b>	Grid 8 <b>M4</b> <b>29.57 dBV/m</b>	Grid 9 <b>M4</b> <b>29.48 dBV/m</b>



0 dB = 30.09 V/m = 29.57 dBV/m

### ANT 3

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 661/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.55 V/m; Power Drift = -0.07 dB

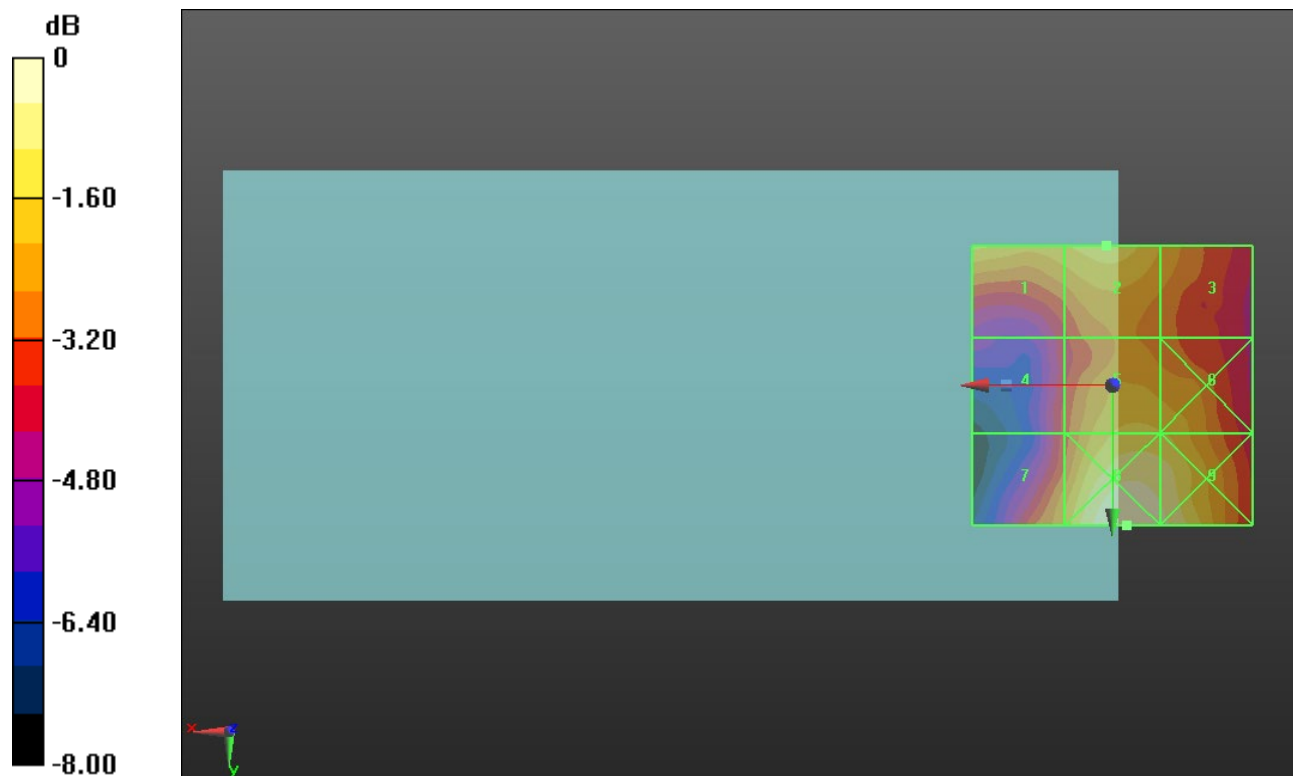
Applied MIF = 3.63 dB

RF audio interference level = 27.85 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.65 dBV/m</b>	Grid 2 <b>M4</b> <b>27.85 dBV/m</b>	Grid 3 <b>M4</b> <b>26.94 dBV/m</b>
Grid 4 <b>M4</b> <b>25.62 dBV/m</b>	Grid 5 <b>M4</b> <b>27.66 dBV/m</b>	Grid 6 <b>M4</b> <b>27.52 dBV/m</b>
Grid 7 <b>M4</b> <b>27.08 dBV/m</b>	Grid 8 <b>M4</b> <b>29.07 dBV/m</b>	Grid 9 <b>M4</b> <b>28.74 dBV/m</b>



0 dB = 28.40 V/m = 29.07 dBV/m

### ANT 3

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 810/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.10 V/m; Power Drift = -0.19 dB

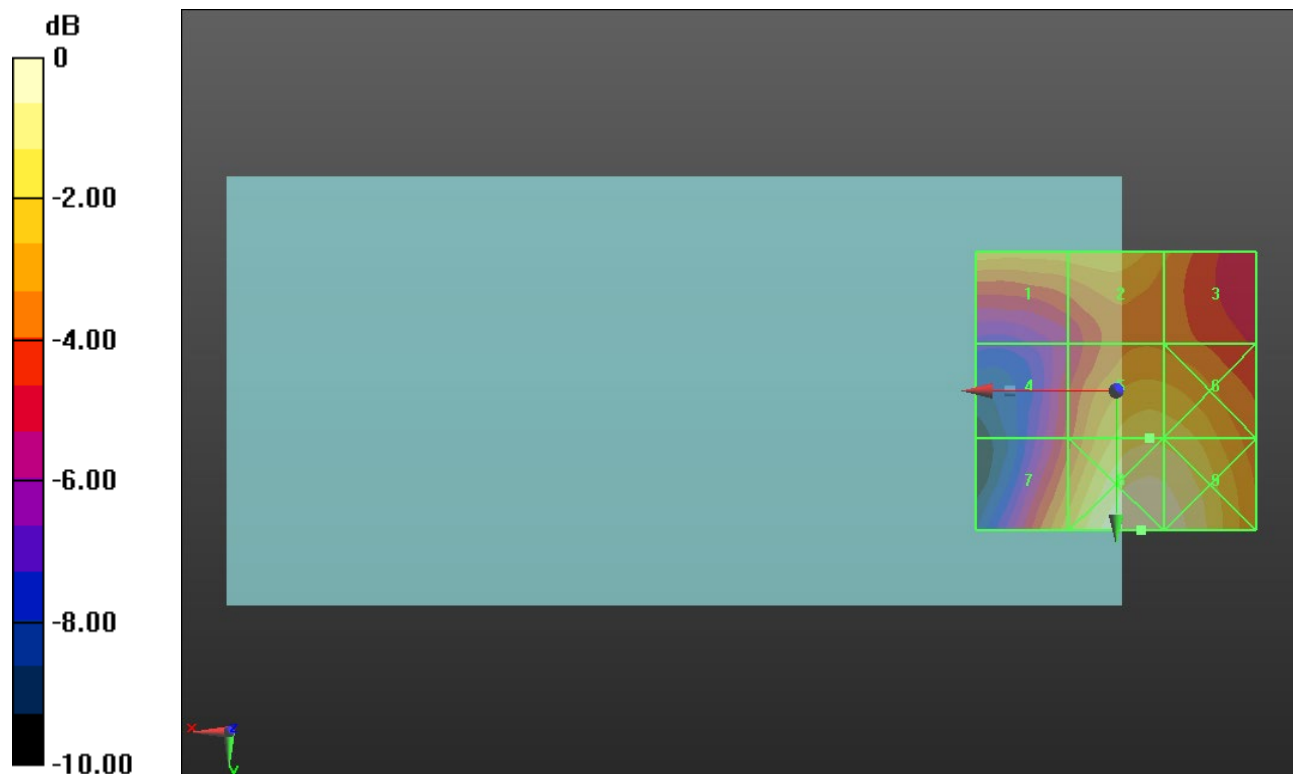
Applied MIF = 3.63 dB

RF audio interference level = 28.79 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.24 dBV/m</b>	Grid 2 <b>M4</b> <b>28.28 dBV/m</b>	Grid 3 <b>M4</b> <b>27.12 dBV/m</b>
Grid 4 <b>M4</b> <b>25.97 dBV/m</b>	Grid 5 <b>M4</b> <b>28.79 dBV/m</b>	Grid 6 <b>M4</b> <b>28.72 dBV/m</b>
Grid 7 <b>M4</b> <b>28.05 dBV/m</b>	Grid 8 <b>M3</b> <b>30.22 dBV/m</b>	Grid 9 <b>M3</b> <b>30.03 dBV/m</b>



0 dB = 32.42 V/m = 30.22 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**39750/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.74 V/m; Power Drift = 0.00 dB

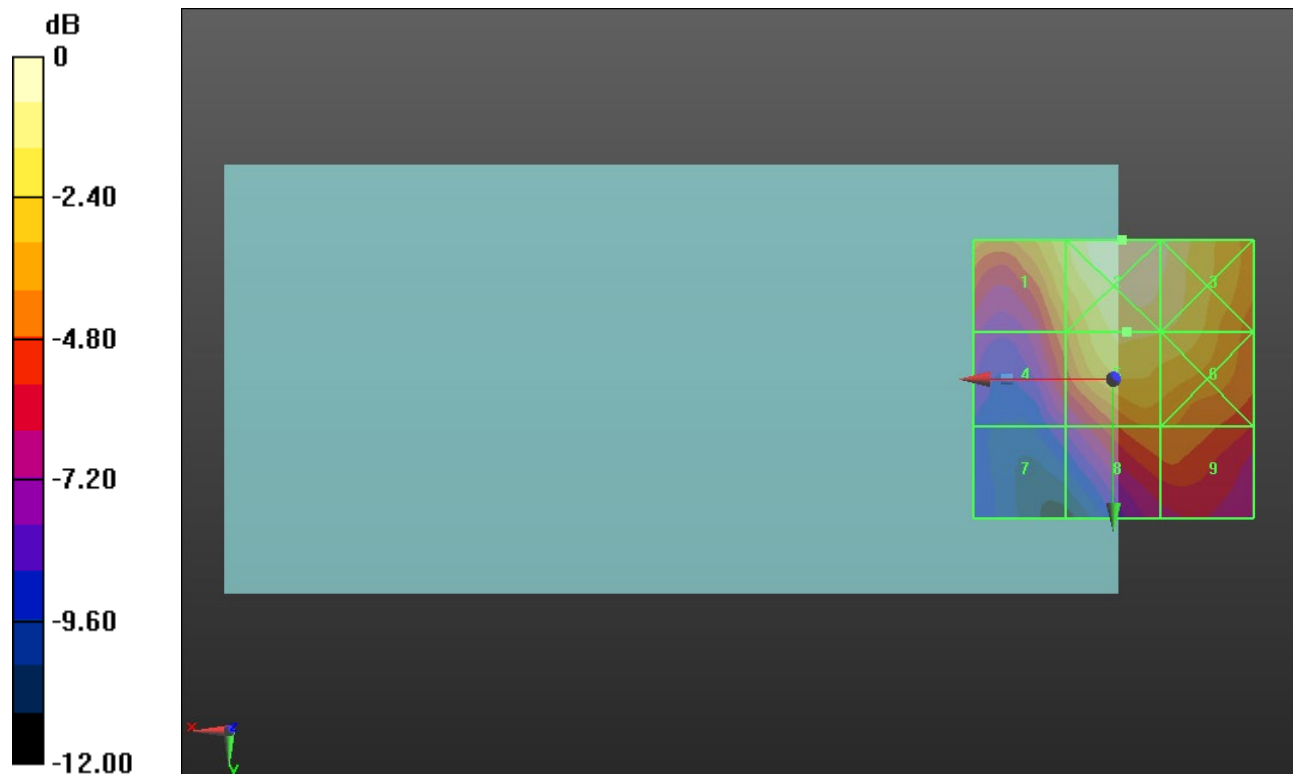
Applied MIF = -1.44 dB

RF audio interference level = 25.06 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.73 dBV/m</b>	Grid 2 <b>M4</b> <b>26.44 dBV/m</b>	Grid 3 <b>M4</b> <b>25.88 dBV/m</b>
Grid 4 <b>M4</b> <b>22.5 dBV/m</b>	Grid 5 <b>M4</b> <b>25.06 dBV/m</b>	Grid 6 <b>M4</b> <b>24.89 dBV/m</b>
Grid 7 <b>M4</b> <b>18.74 dBV/m</b>	Grid 8 <b>M4</b> <b>22.54 dBV/m</b>	Grid 9 <b>M4</b> <b>22.53 dBV/m</b>



0 dB = 20.99 V/m = 26.44 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**40185/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.11 V/m; Power Drift = 0.21 dB

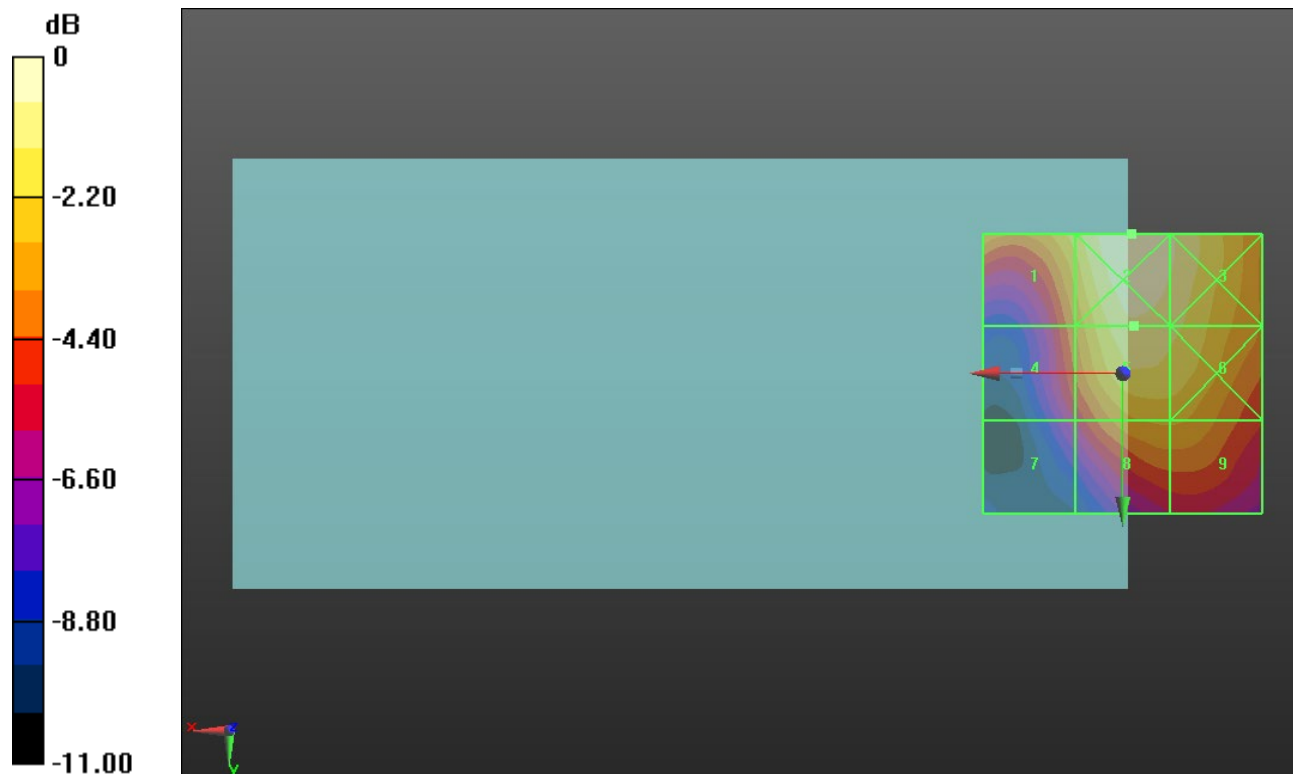
Applied MIF = -1.44 dB

RF audio interference level = 24.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.31 dBV/m</b>	Grid 2 <b>M4</b> <b>25.08 dBV/m</b>	Grid 3 <b>M4</b> <b>24.47 dBV/m</b>
Grid 4 <b>M4</b> <b>21.47 dBV/m</b>	Grid 5 <b>M4</b> <b>24.24 dBV/m</b>	Grid 6 <b>M4</b> <b>23.86 dBV/m</b>
Grid 7 <b>M4</b> <b>19.19 dBV/m</b>	Grid 8 <b>M4</b> <b>22.29 dBV/m</b>	Grid 9 <b>M4</b> <b>22.29 dBV/m</b>



0 dB = 17.95 V/m = 25.08 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**40620/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.39 V/m; Power Drift = 0.15 dB

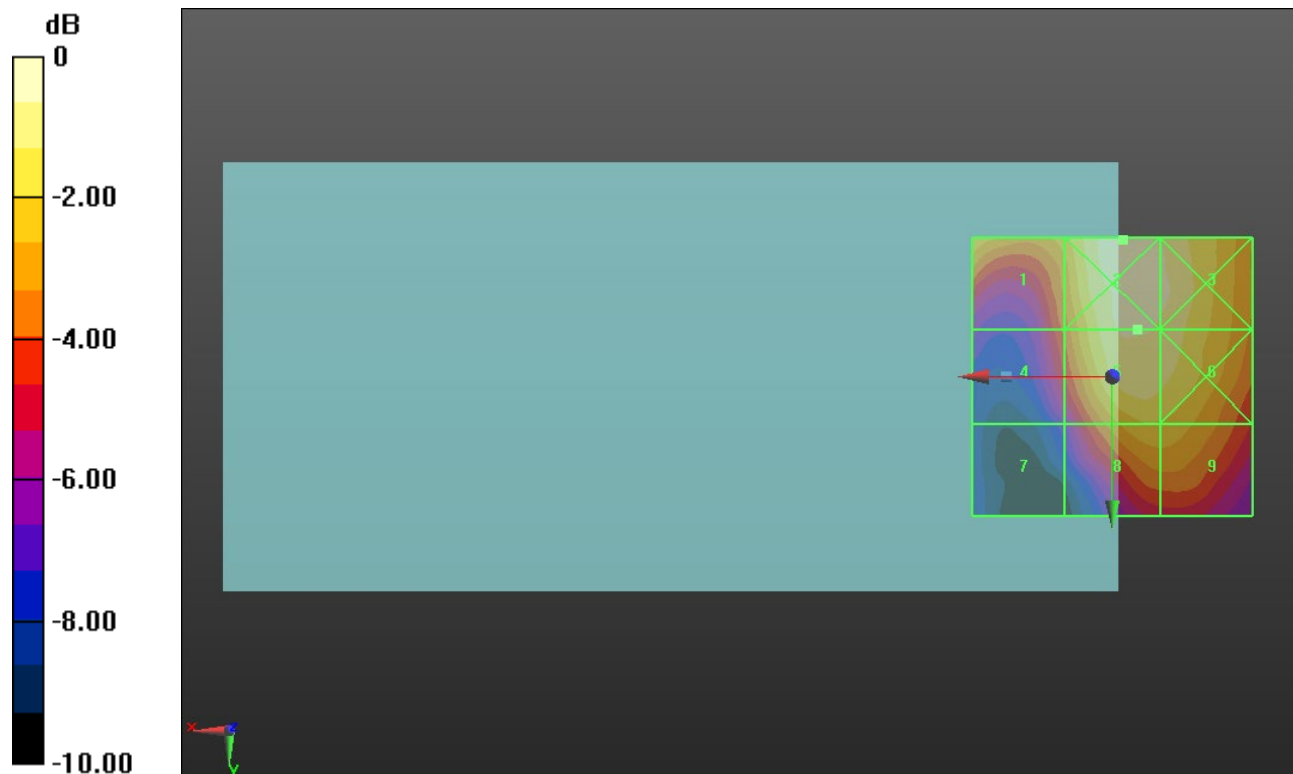
Applied MIF = -1.44 dB

RF audio interference level = 22.94 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.49 dBV/m</b>	Grid 2 <b>M4</b> <b>23.51 dBV/m</b>	Grid 3 <b>M4</b> <b>23.04 dBV/m</b>
Grid 4 <b>M4</b> <b>19.81 dBV/m</b>	Grid 5 <b>M4</b> <b>22.94 dBV/m</b>	Grid 6 <b>M4</b> <b>22.76 dBV/m</b>
Grid 7 <b>M4</b> <b>16.91 dBV/m</b>	Grid 8 <b>M4</b> <b>21.51 dBV/m</b>	Grid 9 <b>M4</b> <b>21.44 dBV/m</b>



0 dB = 14.99 V/m = 23.52 dBV/m



### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**41055/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.44 V/m; Power Drift = -0.17 dB

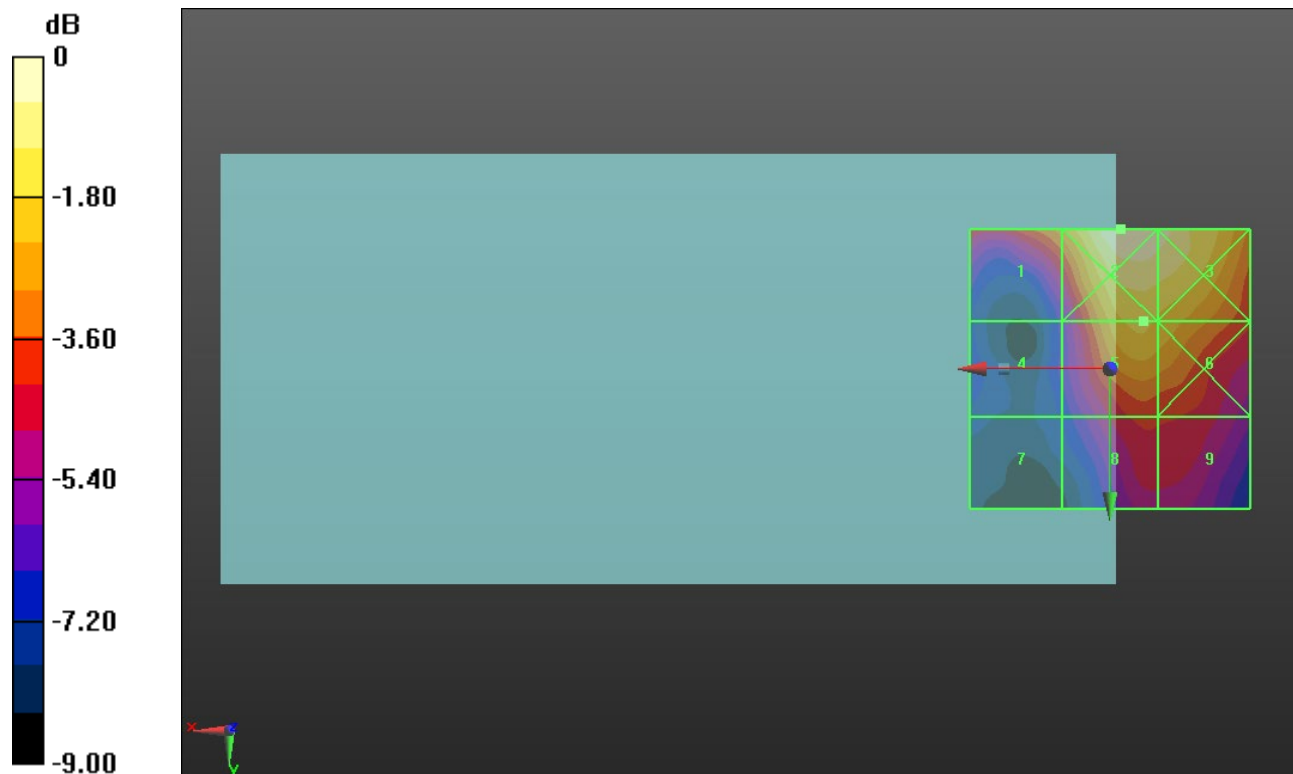
Applied MIF = -1.44 dB

RF audio interference level = 21.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.71 dBV/m</b>	Grid 2 <b>M4</b> <b>23.29 dBV/m</b>	Grid 3 <b>M4</b> <b>22.96 dBV/m</b>
Grid 4 <b>M4</b> <b>17.07 dBV/m</b>	Grid 5 <b>M4</b> <b>21.6 dBV/m</b>	Grid 6 <b>M4</b> <b>21.39 dBV/m</b>
Grid 7 <b>M4</b> <b>16.24 dBV/m</b>	Grid 8 <b>M4</b> <b>19.33 dBV/m</b>	Grid 9 <b>M4</b> <b>19.25 dBV/m</b>



0 dB = 14.60 V/m = 23.29 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**41490/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.93 V/m; Power Drift = 0.23 dB

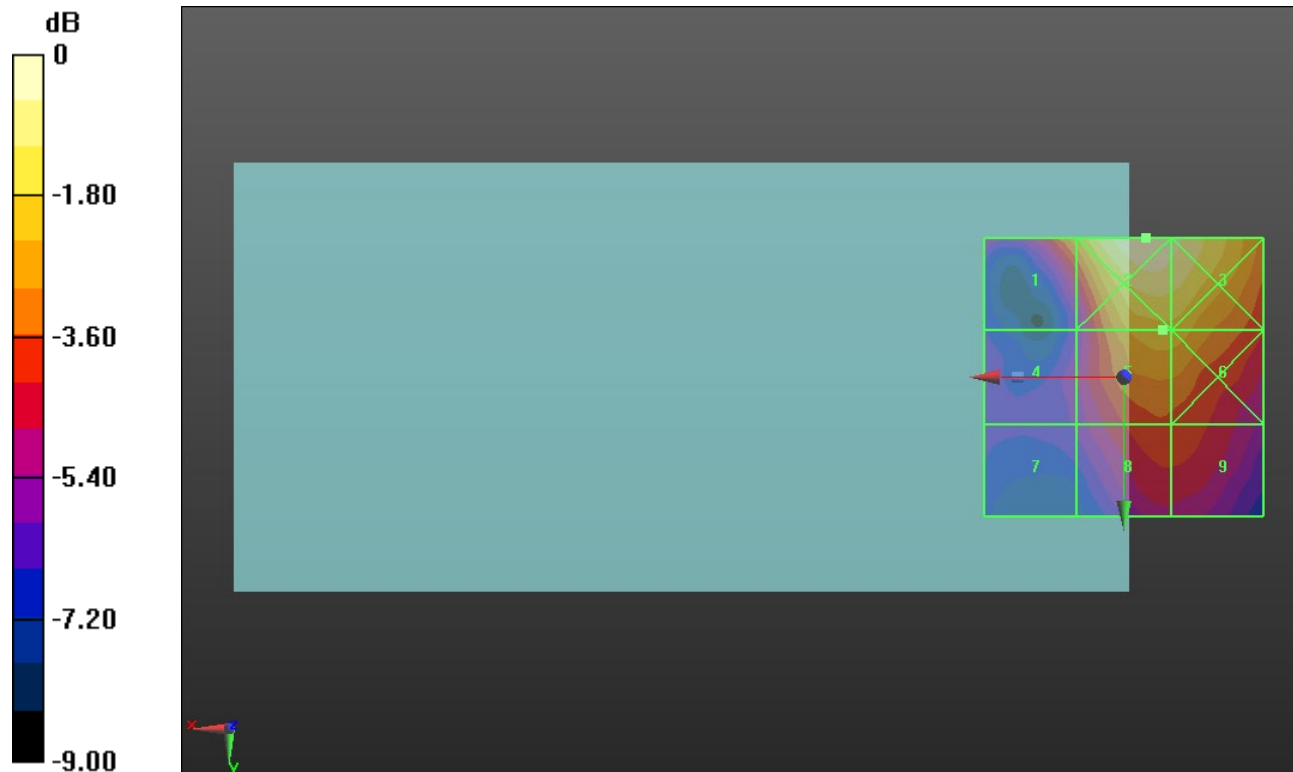
Applied MIF = -1.44 dB

RF audio interference level = 20.86 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.47 dBV/m</b>	Grid 2 <b>M4</b> <b>22.84 dBV/m</b>	Grid 3 <b>M4</b> <b>22.47 dBV/m</b>
Grid 4 <b>M4</b> <b>17.4 dBV/m</b>	Grid 5 <b>M4</b> <b>20.86 dBV/m</b>	Grid 6 <b>M4</b> <b>20.83 dBV/m</b>
Grid 7 <b>M4</b> <b>16.99 dBV/m</b>	Grid 8 <b>M4</b> <b>19.2 dBV/m</b>	Grid 9 <b>M4</b> <b>19.14 dBV/m</b>



0 dB = 13.86 V/m = 22.84 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.99 V/m; Power Drift = -0.00 dB

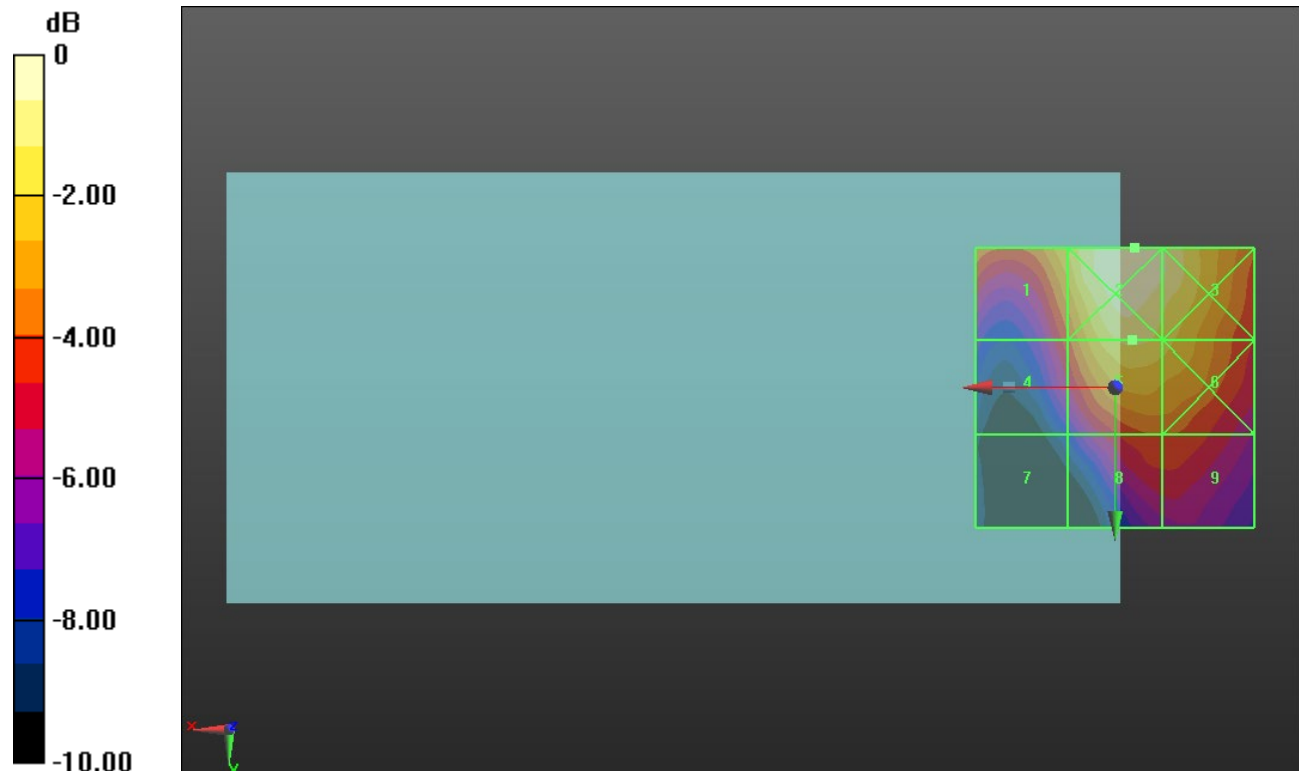
Applied MIF = -1.44 dB

RF audio interference level = 27.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.6 dBV/m</b>	Grid 2 <b>M4</b> <b>28.51 dBV/m</b>	Grid 3 <b>M4</b> <b>27.95 dBV/m</b>
Grid 4 <b>M4</b> <b>24.36 dBV/m</b>	Grid 5 <b>M4</b> <b>27.36 dBV/m</b>	Grid 6 <b>M4</b> <b>26.84 dBV/m</b>
Grid 7 <b>M4</b> <b>20.73 dBV/m</b>	Grid 8 <b>M4</b> <b>24.56 dBV/m</b>	Grid 9 <b>M4</b> <b>24.56 dBV/m</b>



0 dB = 26.65 V/m = 28.51 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

**LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.23 V/m; Power Drift = -0.05 dB

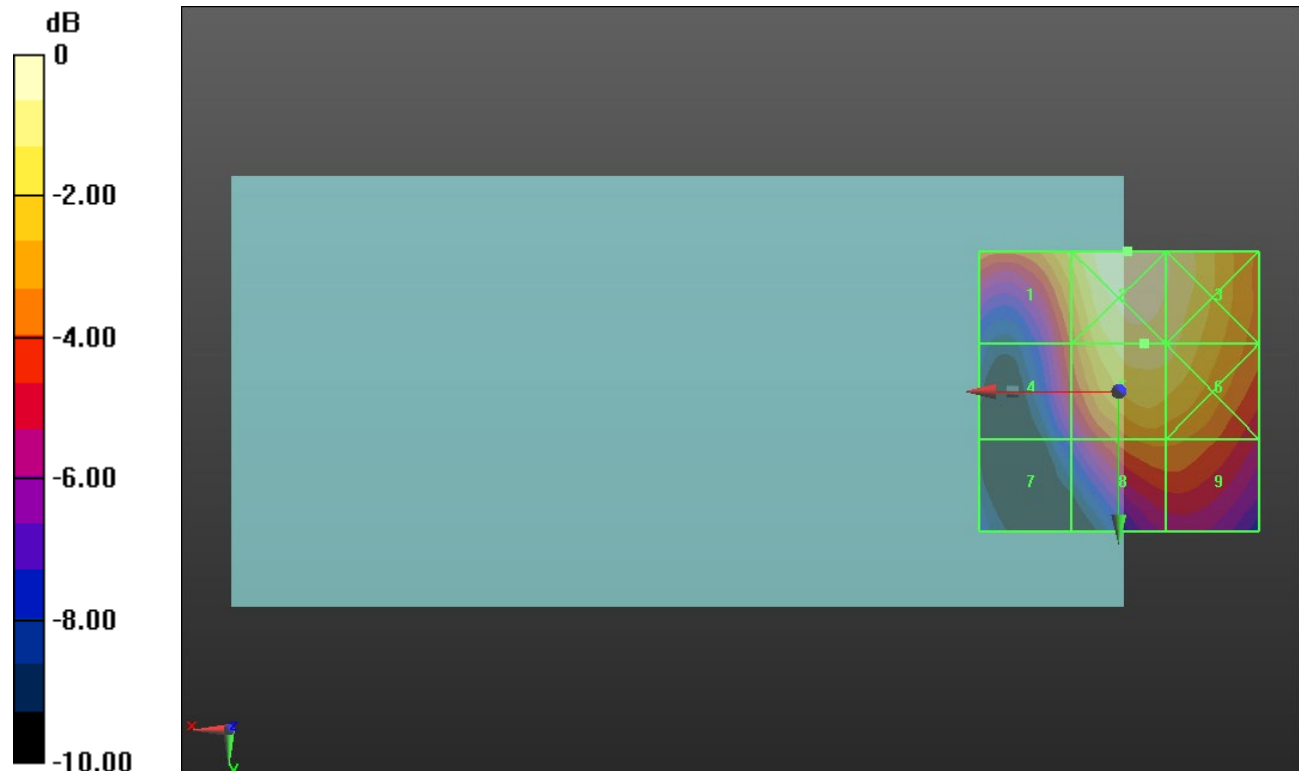
Applied MIF = -1.44 dB

RF audio interference level = 26.02 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.25 dBV/m</b>	Grid 2 <b>M4</b> <b>26.95 dBV/m</b>	Grid 3 <b>M4</b> <b>26.38 dBV/m</b>
Grid 4 <b>M4</b> <b>23.13 dBV/m</b>	Grid 5 <b>M4</b> <b>26.02 dBV/m</b>	Grid 6 <b>M4</b> <b>25.84 dBV/m</b>
Grid 7 <b>M4</b> <b>20.18 dBV/m</b>	Grid 8 <b>M4</b> <b>23.89 dBV/m</b>	Grid 9 <b>M4</b> <b>23.85 dBV/m</b>



0 dB = 22.26 V/m = 26.95 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 40620/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.52 V/m; Power Drift = 0.11 dB

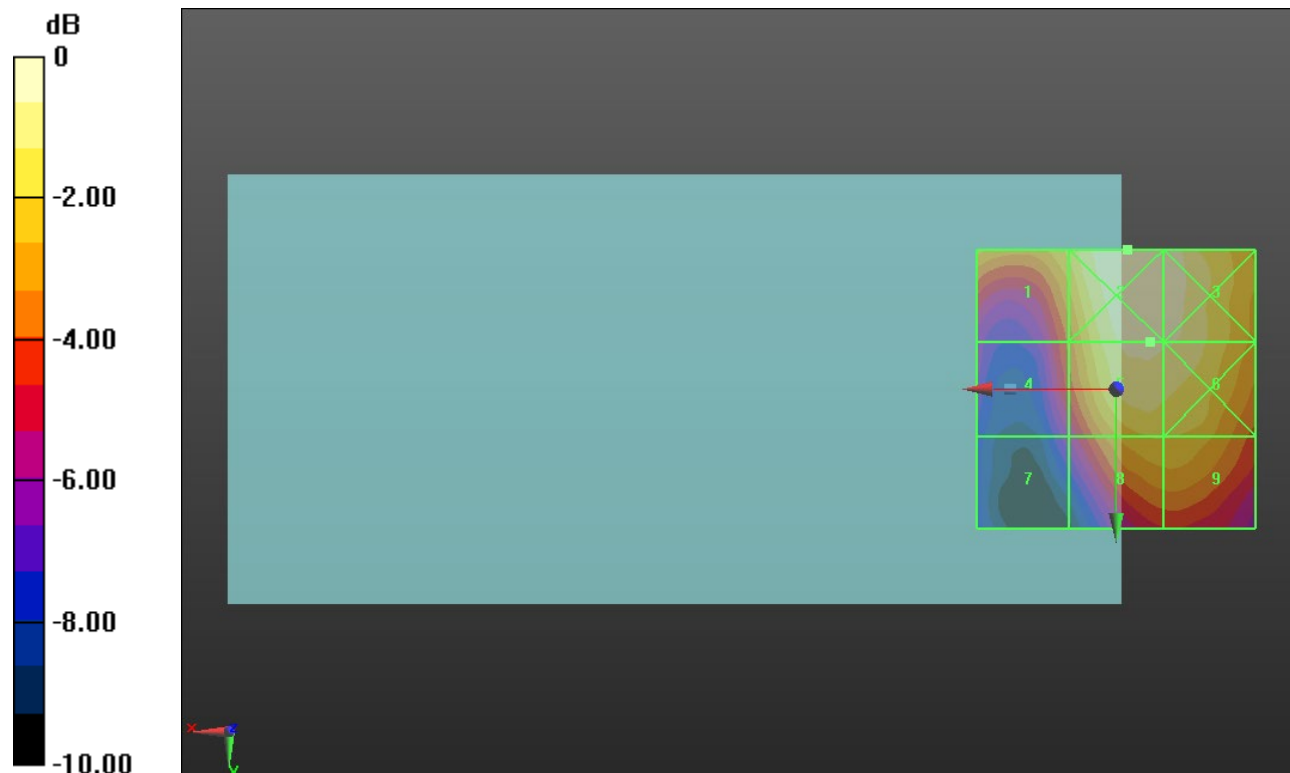
Applied MIF = -1.44 dB

RF audio interference level = 24.45 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.2 dBV/m</b>	Grid 2 <b>M4</b> <b>24.95 dBV/m</b>	Grid 3 <b>M4</b> <b>24.76 dBV/m</b>
Grid 4 <b>M4</b> <b>21.18 dBV/m</b>	Grid 5 <b>M4</b> <b>24.45 dBV/m</b>	Grid 6 <b>M4</b> <b>24.4 dBV/m</b>
Grid 7 <b>M4</b> <b>18.92 dBV/m</b>	Grid 8 <b>M4</b> <b>23 dBV/m</b>	Grid 9 <b>M4</b> <b>22.99 dBV/m</b>



0 dB = 17.67 V/m = 24.94 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 41055/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.32 V/m; Power Drift = -0.21 dB

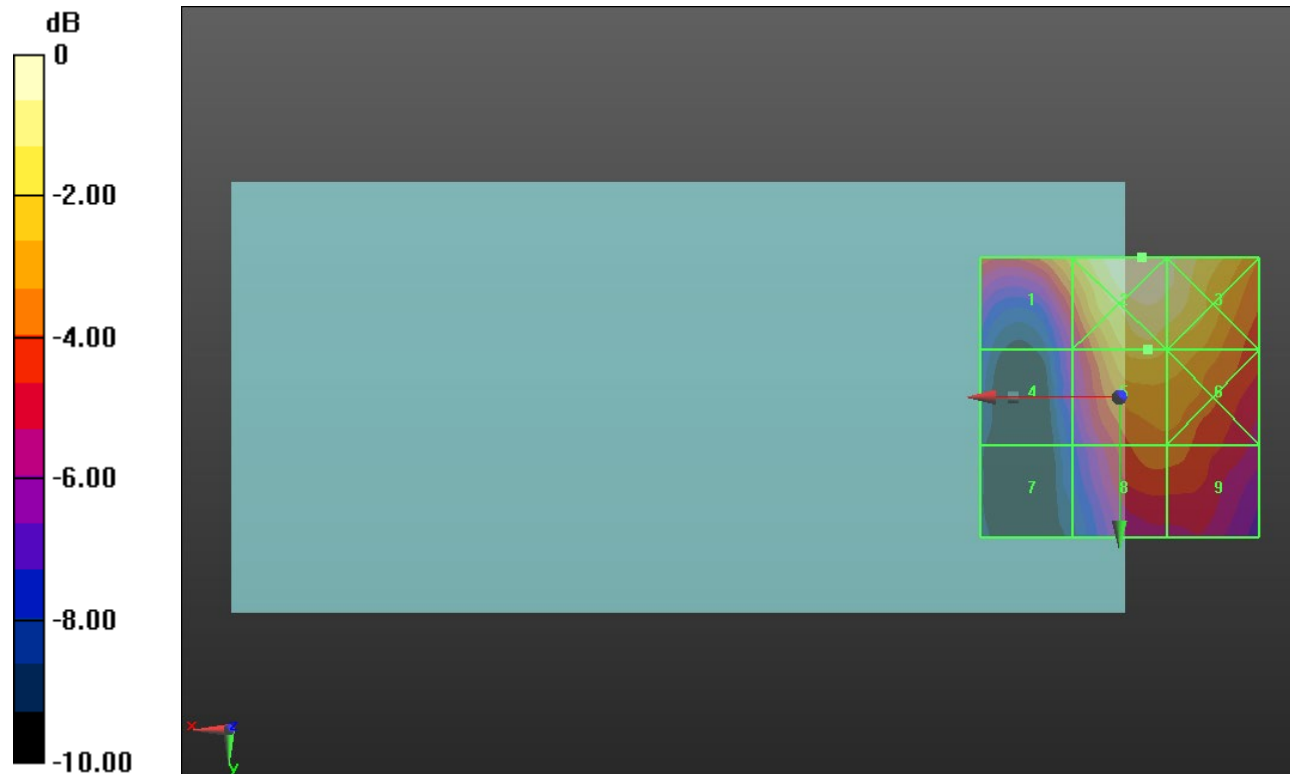
Applied MIF = -1.44 dB

RF audio interference level = 23.67 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.11 dBV/m</b>	Grid 2 <b>M4</b> <b>25.3 dBV/m</b>	Grid 3 <b>M4</b> <b>24.85 dBV/m</b>
Grid 4 <b>M4</b> <b>19.36 dBV/m</b>	Grid 5 <b>M4</b> <b>23.67 dBV/m</b>	Grid 6 <b>M4</b> <b>23.29 dBV/m</b>
Grid 7 <b>M4</b> <b>17.7 dBV/m</b>	Grid 8 <b>M4</b> <b>21.82 dBV/m</b>	Grid 9 <b>M4</b> <b>21.8 dBV/m</b>



0 dB = 18.41 V/m = 25.30 dBV/m

### ANT 3

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.91 V/m; Power Drift = 0.03 dB

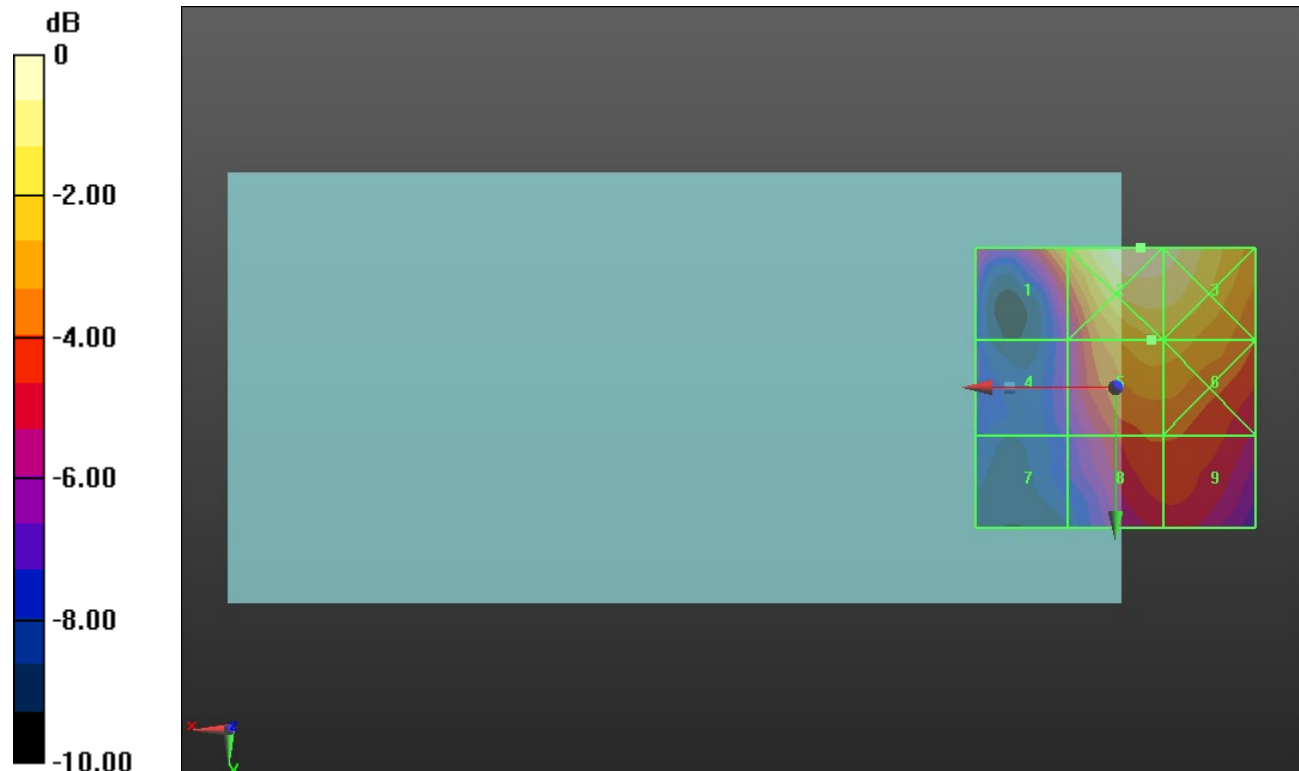
Applied MIF = -1.44 dB

RF audio interference level = 22.89 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.79 dBV/m</b>	Grid 2 <b>M4</b> <b>25.02 dBV/m</b>	Grid 3 <b>M4</b> <b>24.76 dBV/m</b>
Grid 4 <b>M4</b> <b>18.87 dBV/m</b>	Grid 5 <b>M4</b> <b>22.89 dBV/m</b>	Grid 6 <b>M4</b> <b>22.85 dBV/m</b>
Grid 7 <b>M4</b> <b>18 dBV/m</b>	Grid 8 <b>M4</b> <b>21.11 dBV/m</b>	Grid 9 <b>M4</b> <b>21.1 dBV/m</b>



0 dB = 17.82 V/m = 25.02 dBV/m

### ANT 3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11b E-Field measurement/IEEE 802.11b\_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.091 V/m; Power Drift = -0.08 dB

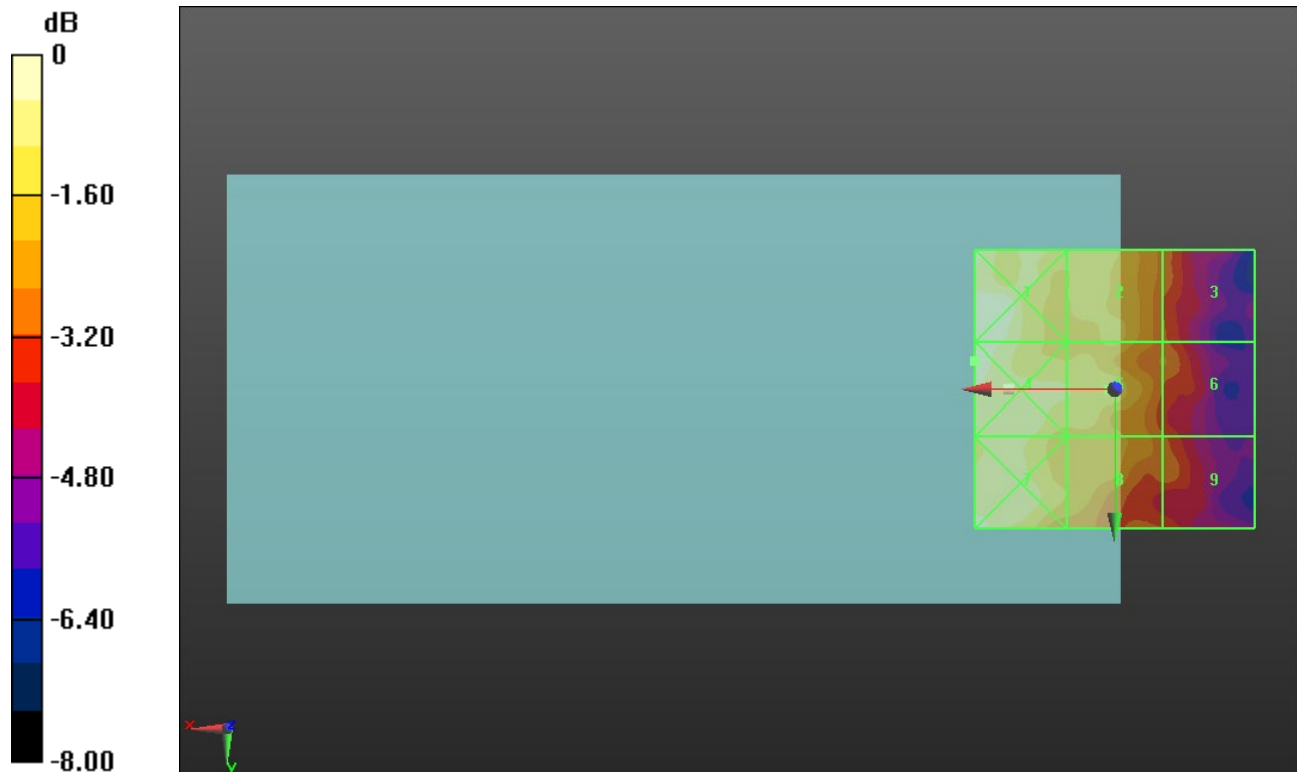
Applied MIF = -2.02 dB

RF audio interference level = 11.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>12.72 dBV/m</b>	Grid 2 <b>M4</b> <b>11.62 dBV/m</b>	Grid 3 <b>M4</b> <b>9.95 dBV/m</b>
Grid 4 <b>M4</b> <b>12.73 dBV/m</b>	Grid 5 <b>M4</b> <b>11.76 dBV/m</b>	Grid 6 <b>M4</b> <b>10.12 dBV/m</b>
Grid 7 <b>M4</b> <b>12.62 dBV/m</b>	Grid 8 <b>M4</b> <b>11.11 dBV/m</b>	Grid 9 <b>M4</b> <b>9.98 dBV/m</b>



0 dB = 4.331 V/m = 12.73 dBV/m



### ANT 3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11b E-Field measurement/IEEE 802.11b\_OFDM 11 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.869 V/m; Power Drift = -0.38 dB

Applied MIF = -2.02 dB

RF audio interference level = 12.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>12.36 dBV/m</b>	Grid 2 <b>M4</b> <b>12.17 dBV/m</b>	Grid 3 <b>M4</b> <b>11.07 dBV/m</b>
Grid 4 <b>M4</b> <b>12.47 dBV/m</b>	Grid 5 <b>M4</b> <b>12.18 dBV/m</b>	Grid 6 <b>M4</b> <b>10.2 dBV/m</b>
Grid 7 <b>M4</b> <b>11.86 dBV/m</b>	Grid 8 <b>M4</b> <b>11.89 dBV/m</b>	Grid 9 <b>M4</b> <b>10.8 dBV/m</b>



0 dB = 4.203 V/m = 12.47 dBV/m

### ANT 3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11b E-Field measurement/IEEE 802.11b\_OFDM 11 Mbps Ch. 11/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.127 V/m; Power Drift = 0.41 dB

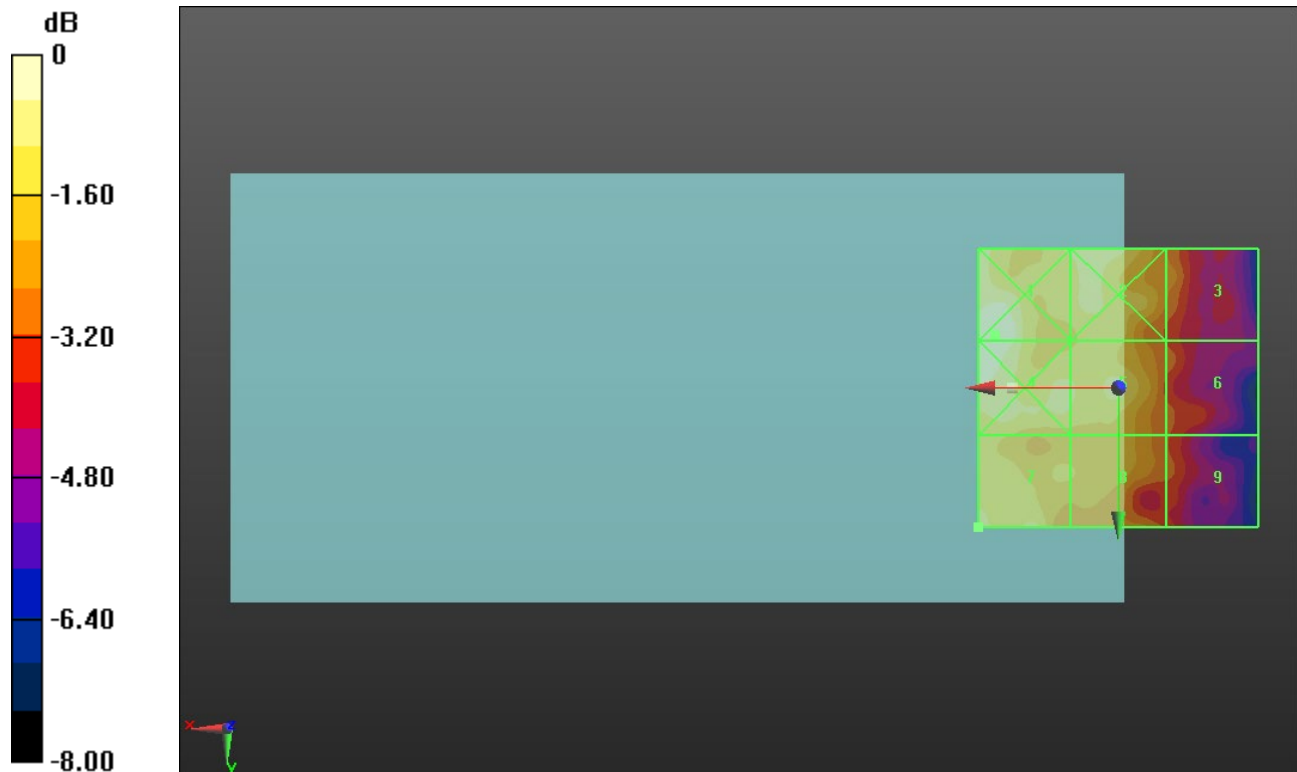
Applied MIF = -2.02 dB

RF audio interference level = 12.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>12.88 dBV/m</b>	Grid 2 <b>M4</b> <b>12.29 dBV/m</b>	Grid 3 <b>M4</b> <b>10.57 dBV/m</b>
Grid 4 <b>M4</b> <b>12.86 dBV/m</b>	Grid 5 <b>M4</b> <b>12.13 dBV/m</b>	Grid 6 <b>M4</b> <b>10 dBV/m</b>
Grid 7 <b>M4</b> <b>12.17 dBV/m</b>	Grid 8 <b>M4</b> <b>11.35 dBV/m</b>	Grid 9 <b>M4</b> <b>9.97 dBV/m</b>



0 dB = 4.405 V/m = 12.88 dBV/m

### ANT 3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11g E-Field measurement/IEEE 802.11g\_OFDM 54 Mbps Ch. 3/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.903 V/m; Power Drift = 0.39 dB

Applied MIF = 0.12 dB

RF audio interference level = 13.99 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>13.98 dBV/m</b>	Grid 2 <b>M4</b> <b>13.93 dBV/m</b>	Grid 3 <b>M4</b> <b>12.65 dBV/m</b>
Grid 4 <b>M4</b> <b>14.38 dBV/m</b>	Grid 5 <b>M4</b> <b>13.99 dBV/m</b>	Grid 6 <b>M4</b> <b>12.48 dBV/m</b>
Grid 7 <b>M4</b> <b>13.51 dBV/m</b>	Grid 8 <b>M4</b> <b>13.45 dBV/m</b>	Grid 9 <b>M4</b> <b>12.26 dBV/m</b>



0 dB = 5.233 V/m = 14.38 dBV/m

### ANT 3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11g E-Field measurement/IEEE 802.11g\_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.930 V/m; Power Drift = 0.20 dB

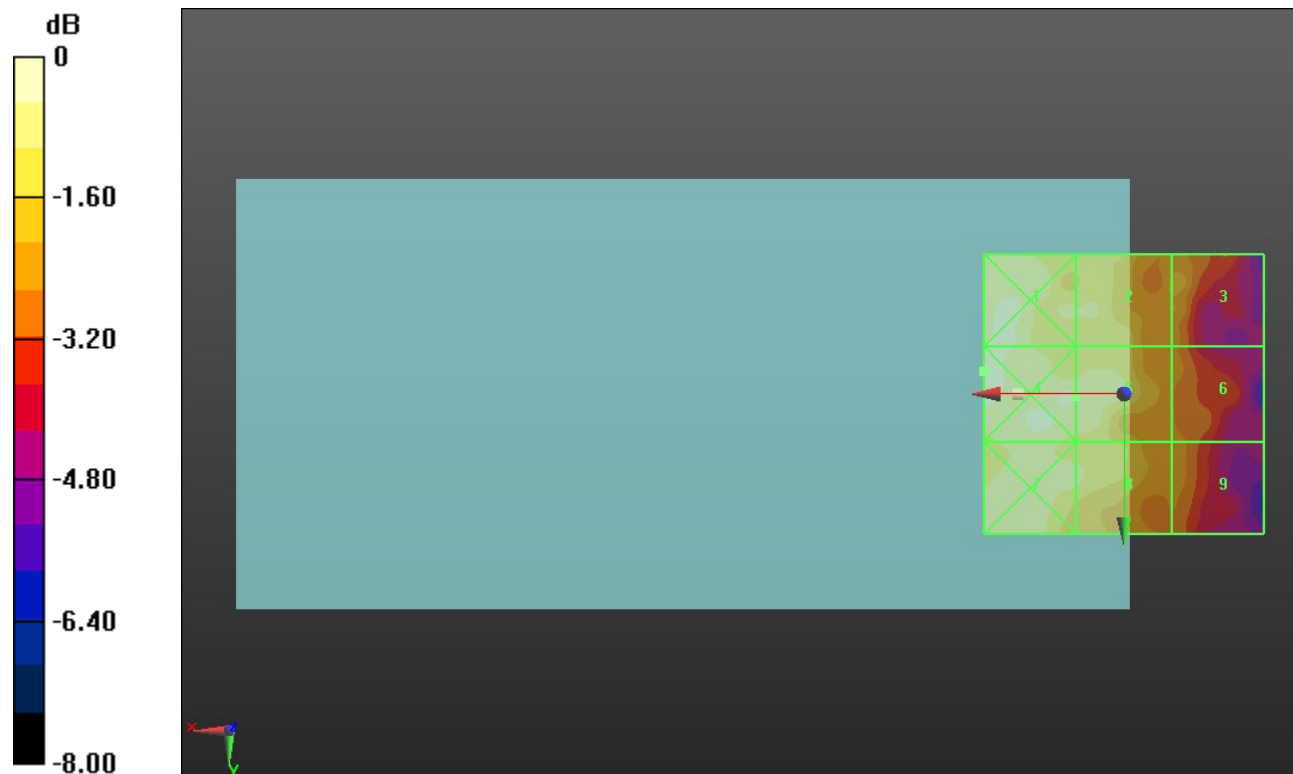
Applied MIF = 0.12 dB

RF audio interference level = 14.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.48 dBV/m</b>	Grid 2 <b>M4</b> <b>13.84 dBV/m</b>	Grid 3 <b>M4</b> <b>13.04 dBV/m</b>
Grid 4 <b>M4</b> <b>14.81 dBV/m</b>	Grid 5 <b>M4</b> <b>14.29 dBV/m</b>	Grid 6 <b>M4</b> <b>12.44 dBV/m</b>
Grid 7 <b>M4</b> <b>14.28 dBV/m</b>	Grid 8 <b>M4</b> <b>14 dBV/m</b>	Grid 9 <b>M4</b> <b>12.56 dBV/m</b>



0 dB = 5.503 V/m = 14.81 dBV/m

### ANT 3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11g E-Field measurement/IEEE 802.11g\_OFDM 54 Mbps Ch. 9/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.796 V/m; Power Drift = 0.19 dB

Applied MIF = 0.12 dB

RF audio interference level = 14.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.36 dBV/m</b>	Grid 2 <b>M4</b> <b>14.43 dBV/m</b>	Grid 3 <b>M4</b> <b>12.96 dBV/m</b>
Grid 4 <b>M4</b> <b>14.46 dBV/m</b>	Grid 5 <b>M4</b> <b>14.66 dBV/m</b>	Grid 6 <b>M4</b> <b>12.66 dBV/m</b>
Grid 7 <b>M4</b> <b>14.05 dBV/m</b>	Grid 8 <b>M4</b> <b>13.6 dBV/m</b>	Grid 9 <b>M4</b> <b>12.31 dBV/m</b>



0 dB = 5.405 V/m = 14.66 dBV/m

### ANT 4

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 512/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.39 V/m; Power Drift = -0.17 dB

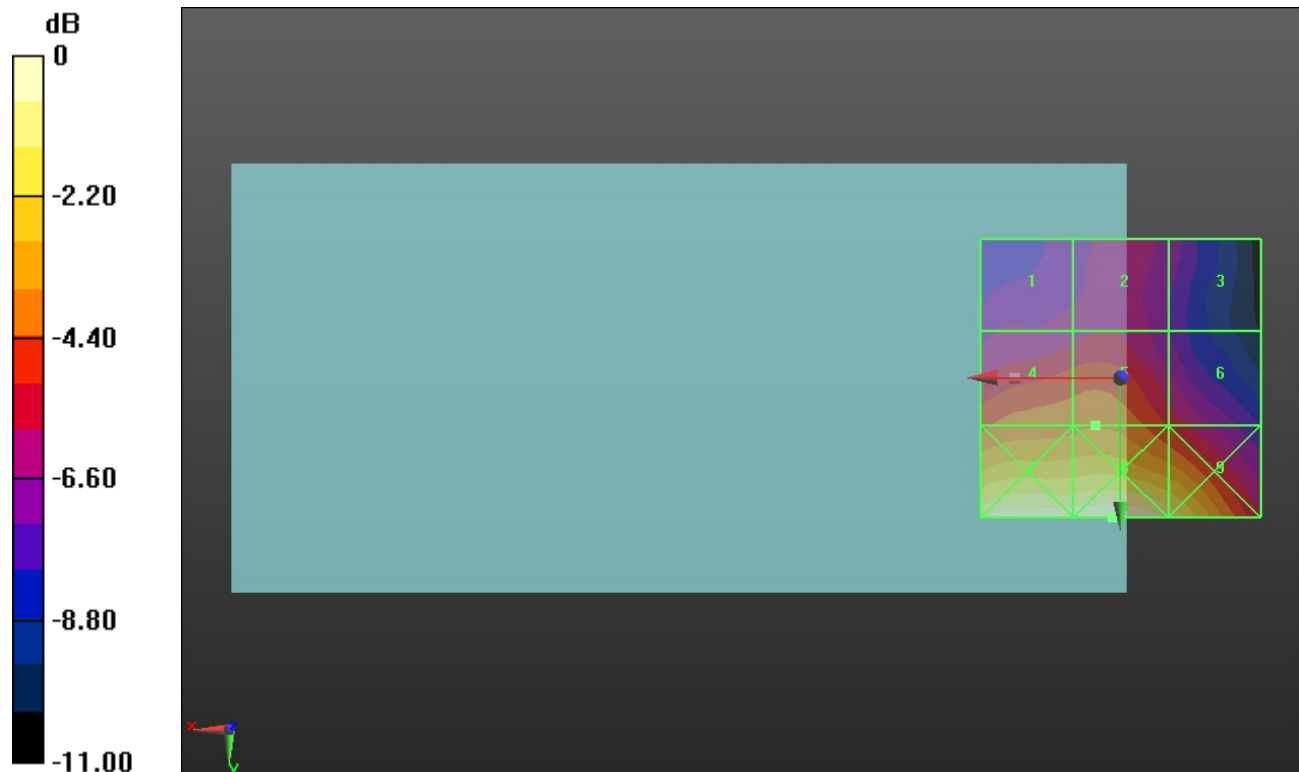
Applied MIF = 3.63 dB

RF audio interference level = 28.30 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.87 dBV/m</b>	Grid 2 <b>M4</b> <b>26.19 dBV/m</b>	Grid 3 <b>M4</b> <b>25.17 dBV/m</b>
Grid 4 <b>M4</b> <b>28.16 dBV/m</b>	Grid 5 <b>M4</b> <b>28.3 dBV/m</b>	Grid 6 <b>M4</b> <b>26.89 dBV/m</b>
Grid 7 <b>M3</b> <b>31.85 dBV/m</b>	Grid 8 <b>M3</b> <b>32.01 dBV/m</b>	Grid 9 <b>M3</b> <b>31.15 dBV/m</b>



0 dB = 39.84 V/m = 32.01 dBV/m

### ANT 4

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 661/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.95 V/m; Power Drift = 0.11 dB

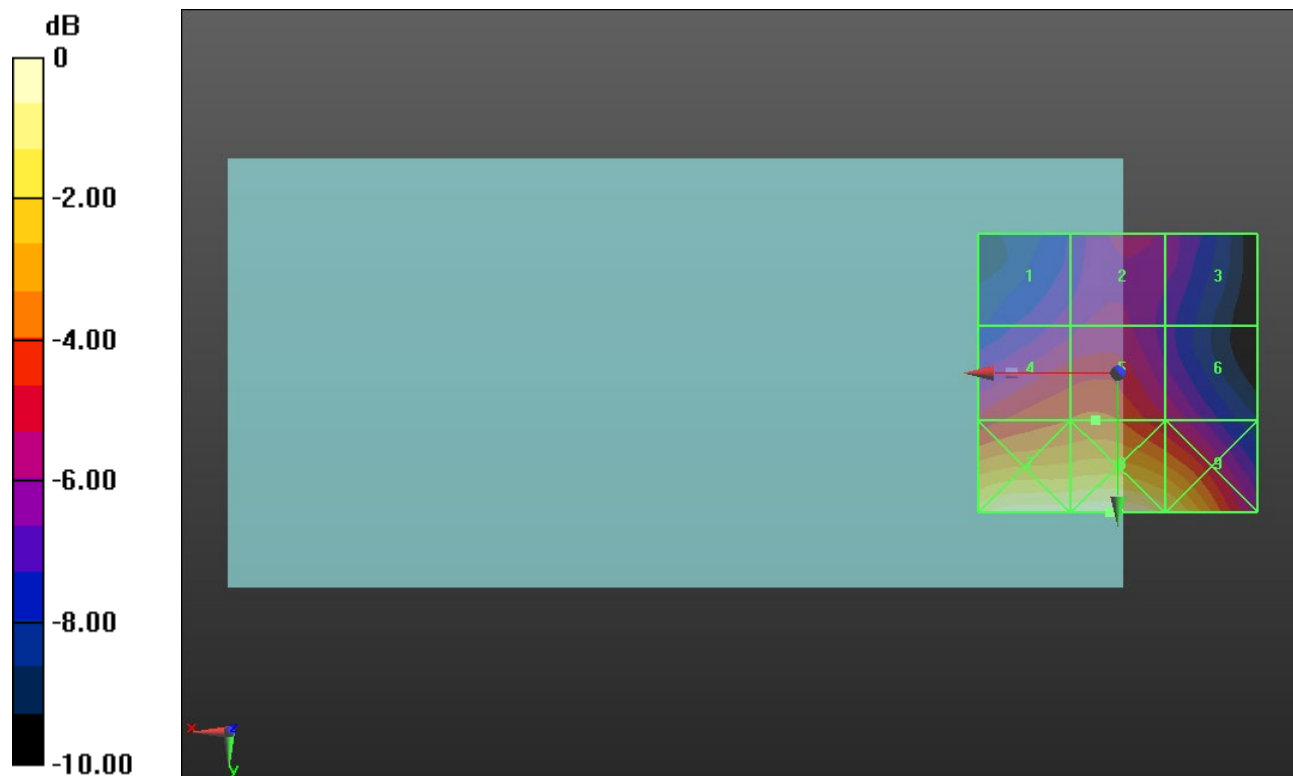
Applied MIF = 3.63 dB

RF audio interference level = 28.95 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.54 dBV/m</b>	Grid 2 <b>M4</b> <b>27.06 dBV/m</b>	Grid 3 <b>M4</b> <b>26.55 dBV/m</b>
Grid 4 <b>M4</b> <b>28.82 dBV/m</b>	Grid 5 <b>M4</b> <b>28.95 dBV/m</b>	Grid 6 <b>M4</b> <b>27.57 dBV/m</b>
Grid 7 <b>M3</b> <b>32.62 dBV/m</b>	Grid 8 <b>M3</b> <b>32.77 dBV/m</b>	Grid 9 <b>M3</b> <b>31.86 dBV/m</b>



0 dB = 43.48 V/m = 32.77 dBV/m

### ANT 4

Communication System: UID 10021 - DAC, GPRS-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:9.0615

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### GSM1900 E-Field measurement/Voice\_ch 810/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.66 V/m; Power Drift = 0.12 dB

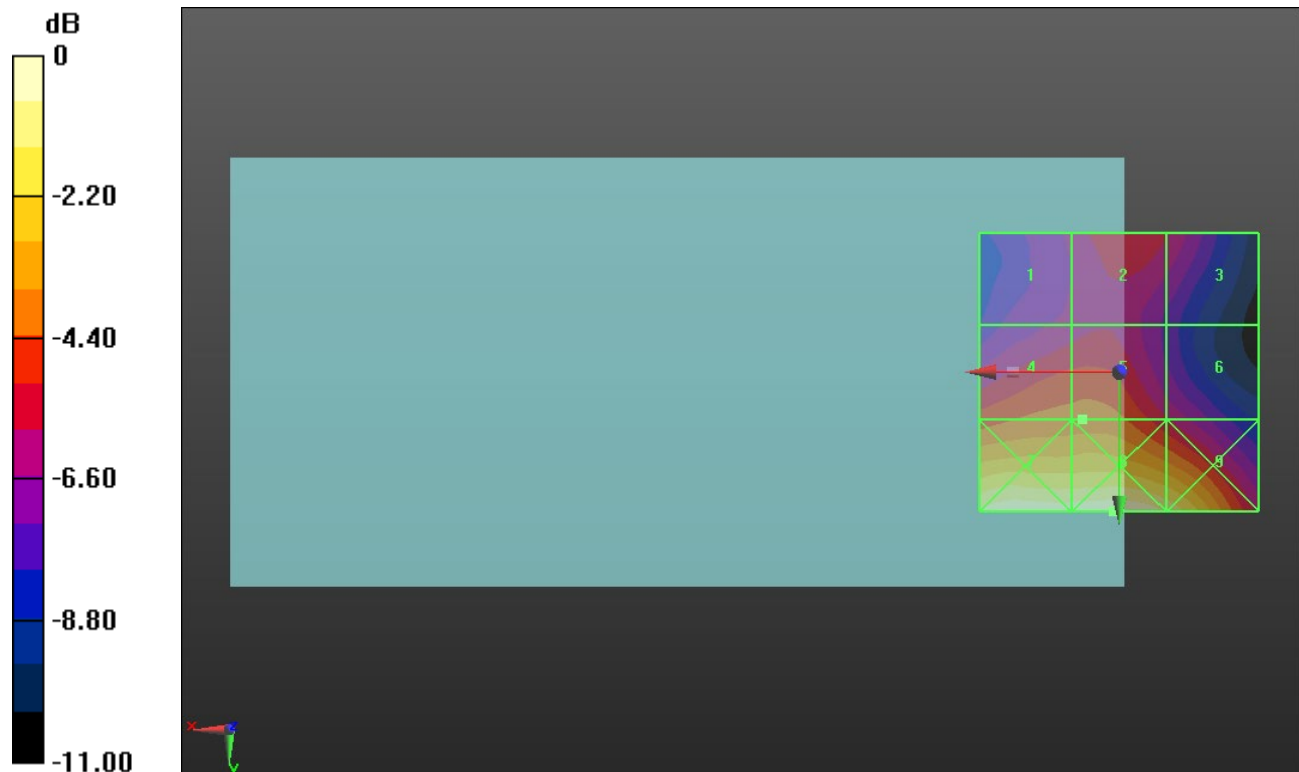
Applied MIF = 3.63 dB

RF audio interference level = 28.91 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.67 dBV/m</b>	Grid 2 <b>M4</b> <b>27.8 dBV/m</b>	Grid 3 <b>M4</b> <b>27.13 dBV/m</b>
Grid 4 <b>M4</b> <b>28.86 dBV/m</b>	Grid 5 <b>M4</b> <b>28.91 dBV/m</b>	Grid 6 <b>M4</b> <b>27.18 dBV/m</b>
Grid 7 <b>M3</b> <b>32.83 dBV/m</b>	Grid 8 <b>M3</b> <b>32.92 dBV/m</b>	Grid 9 <b>M3</b> <b>32.15 dBV/m</b>



0 dB = 44.25 V/m = 32.92 dBV/m



### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**39750/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.09 V/m; Power Drift = 0.01 dB

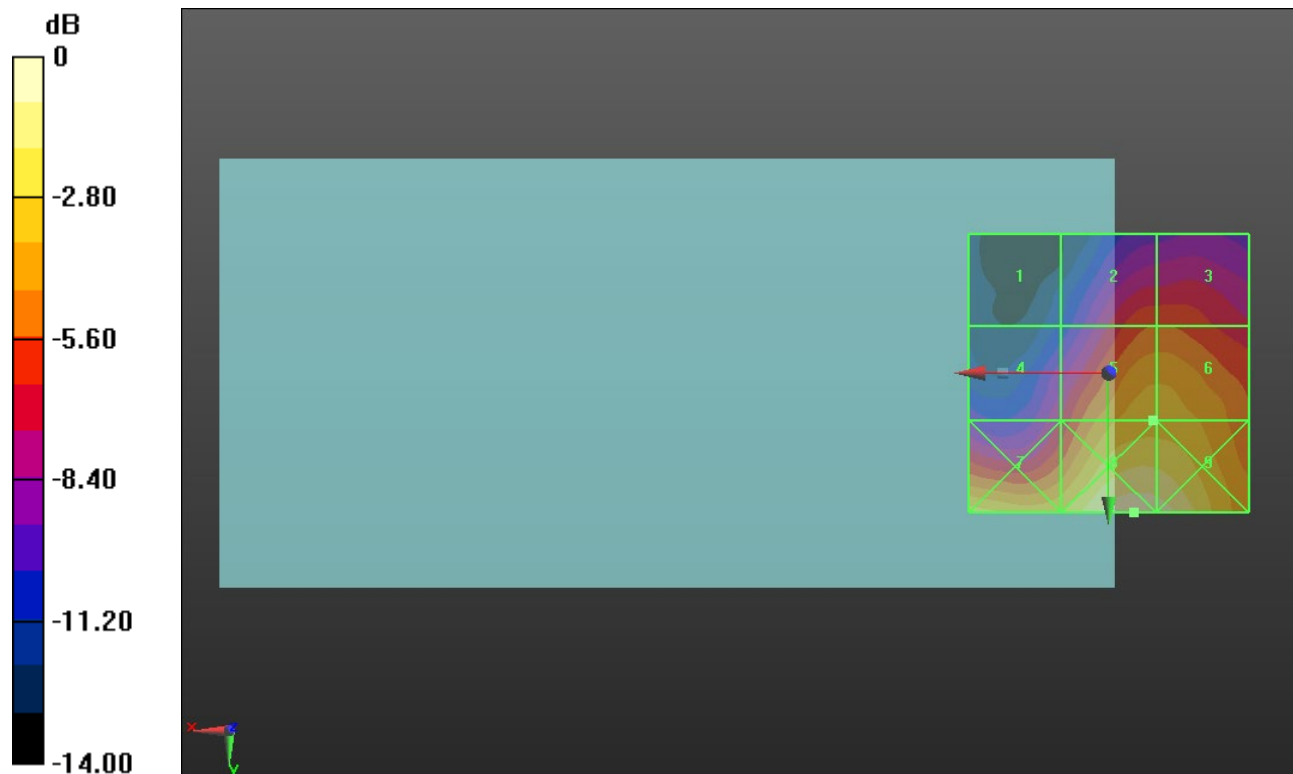
Applied MIF = -1.44 dB

RF audio interference level = 24.83 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.02 dBV/m</b>	Grid 2 <b>M4</b> <b>22.38 dBV/m</b>	Grid 3 <b>M4</b> <b>22.4 dBV/m</b>
Grid 4 <b>M4</b> <b>20.7 dBV/m</b>	Grid 5 <b>M4</b> <b>24.83 dBV/m</b>	Grid 6 <b>M4</b> <b>24.82 dBV/m</b>
Grid 7 <b>M4</b> <b>25.87 dBV/m</b>	Grid 8 <b>M4</b> <b>27.98 dBV/m</b>	Grid 9 <b>M4</b> <b>27.69 dBV/m</b>



0 dB = 25.07 V/m = 27.98 dBV/m

### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**40185/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.23 V/m; Power Drift = -0.00 dB

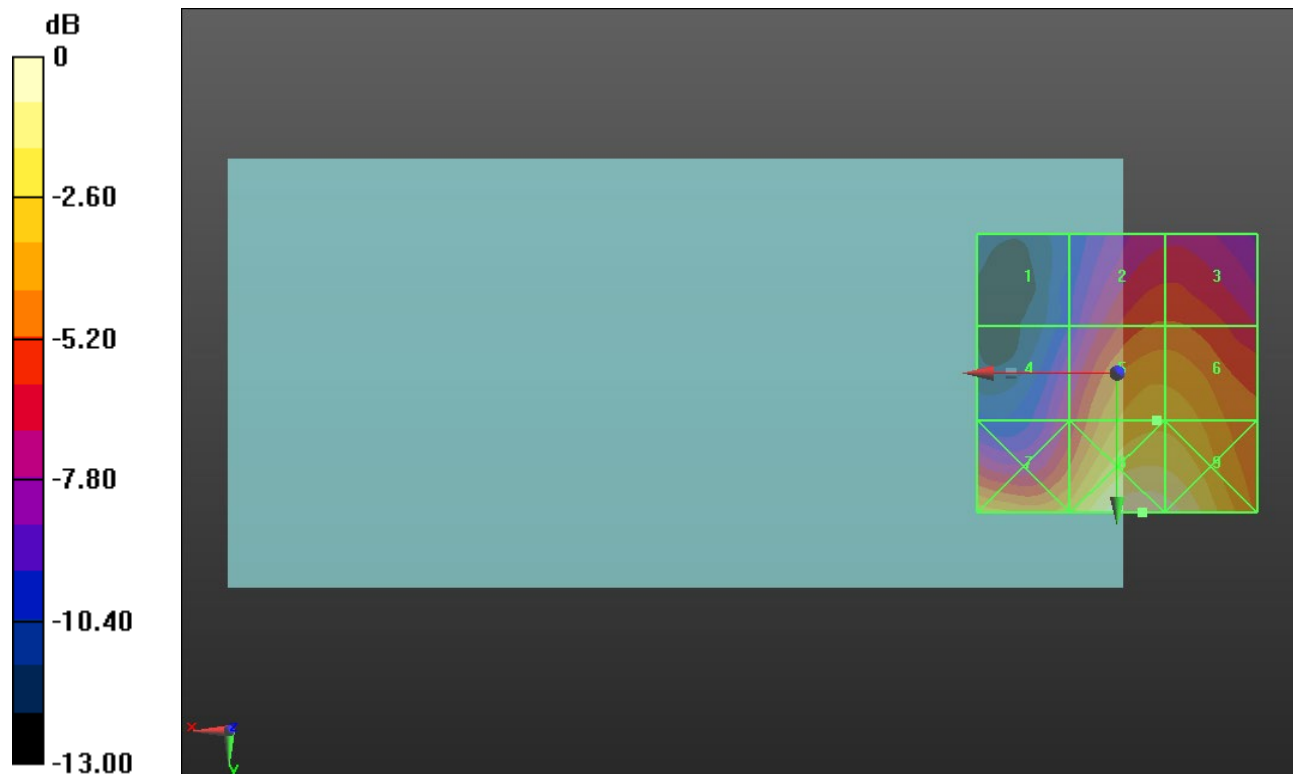
Applied MIF = -1.44 dB

RF audio interference level = 25.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.35 dBV/m</b>	Grid 2 <b>M4</b> <b>22.79 dBV/m</b>	Grid 3 <b>M4</b> <b>22.79 dBV/m</b>
Grid 4 <b>M4</b> <b>21.18 dBV/m</b>	Grid 5 <b>M4</b> <b>25.04 dBV/m</b>	Grid 6 <b>M4</b> <b>25.01 dBV/m</b>
Grid 7 <b>M4</b> <b>25.19 dBV/m</b>	Grid 8 <b>M4</b> <b>27.83 dBV/m</b>	Grid 9 <b>M4</b> <b>27.52 dBV/m</b>



0 dB = 24.63 V/m = 27.83 dBV/m

### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**40620/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.03 V/m; Power Drift = 0.10 dB

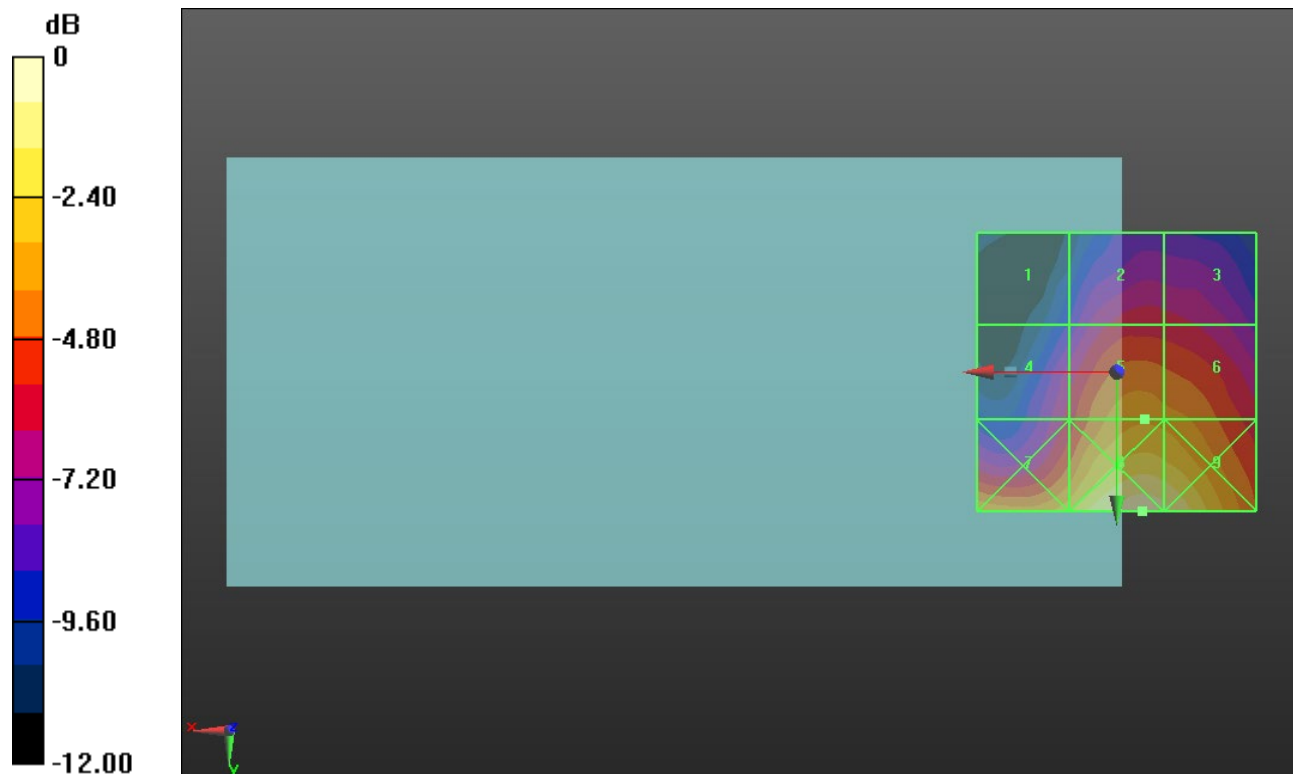
Applied MIF = -1.44 dB

RF audio interference level = 24.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.18 dBV/m</b>	Grid 2 <b>M4</b> <b>21.99 dBV/m</b>	Grid 3 <b>M4</b> <b>21.84 dBV/m</b>
Grid 4 <b>M4</b> <b>21.83 dBV/m</b>	Grid 5 <b>M4</b> <b>24.5 dBV/m</b>	Grid 6 <b>M4</b> <b>24.32 dBV/m</b>
Grid 7 <b>M4</b> <b>25.33 dBV/m</b>	Grid 8 <b>M4</b> <b>27.8 dBV/m</b>	Grid 9 <b>M4</b> <b>27.34 dBV/m</b>



0 dB = 24.56 V/m = 27.80 dBV/m

### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**41055/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.31 V/m; Power Drift = 0.19 dB

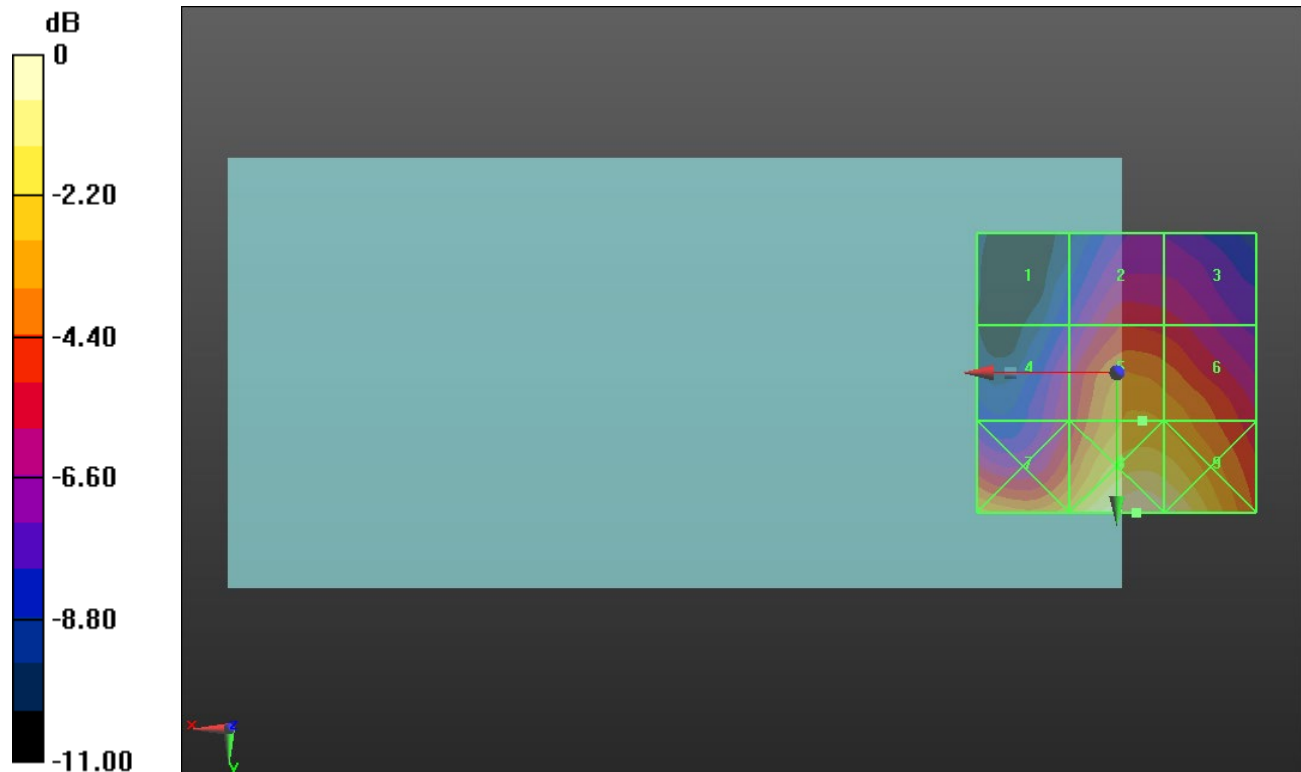
Applied MIF = -1.44 dB

RF audio interference level = 24.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.17 dBV/m</b>	Grid 2 <b>M4</b> <b>21.81 dBV/m</b>	Grid 3 <b>M4</b> <b>21.49 dBV/m</b>
Grid 4 <b>M4</b> <b>21.28 dBV/m</b>	Grid 5 <b>M4</b> <b>24.19 dBV/m</b>	Grid 6 <b>M4</b> <b>23.89 dBV/m</b>
Grid 7 <b>M4</b> <b>24.55 dBV/m</b>	Grid 8 <b>M4</b> <b>26.91 dBV/m</b>	Grid 9 <b>M4</b> <b>26.52 dBV/m</b>



0 dB = 22.16 V/m = 26.91 dBV/m

# ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**41490/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.76 V/m; Power Drift = 0.06 dB

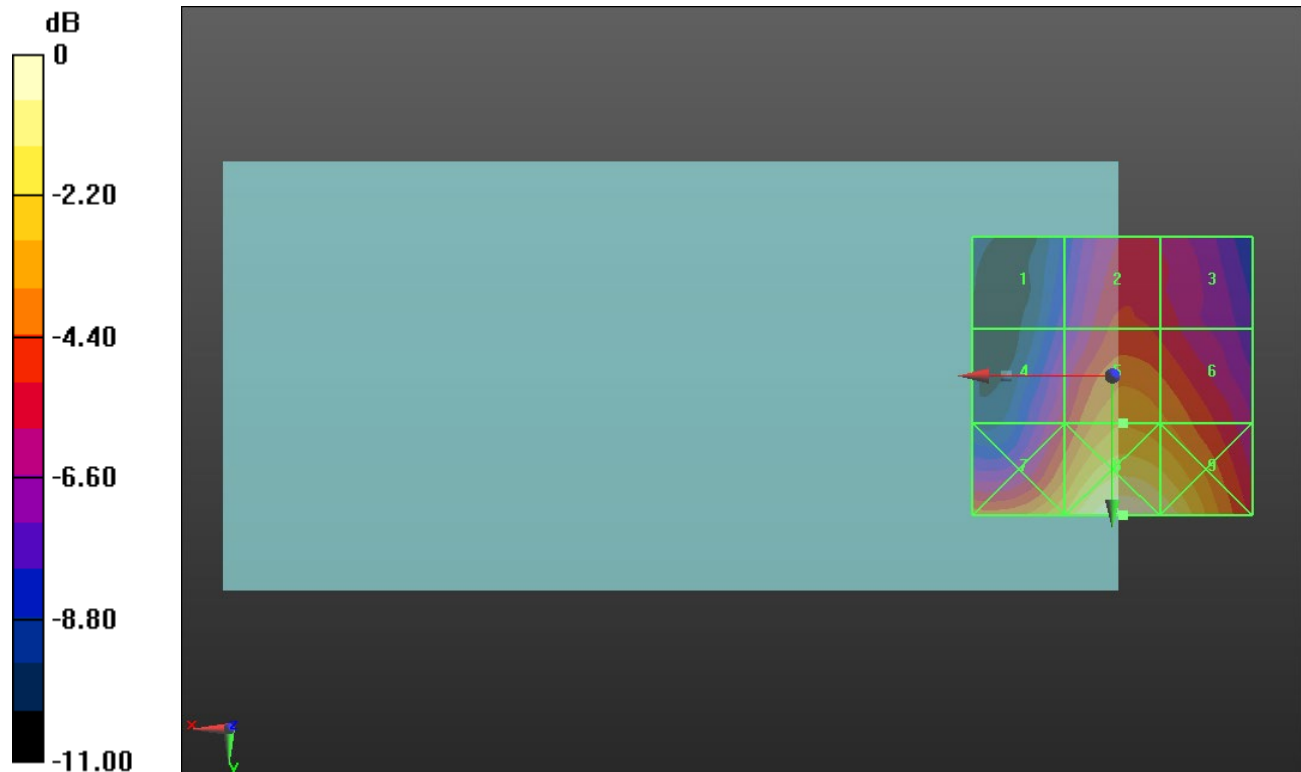
Applied MIF = -1.44 dB

RF audio interference level = 23.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.13 dBV/m</b>	Grid 2 <b>M4</b> <b>21.75 dBV/m</b>	Grid 3 <b>M4</b> <b>21.31 dBV/m</b>
Grid 4 <b>M4</b> <b>21.28 dBV/m</b>	Grid 5 <b>M4</b> <b>23.64 dBV/m</b>	Grid 6 <b>M4</b> <b>23.19 dBV/m</b>
Grid 7 <b>M4</b> <b>24.61 dBV/m</b>	Grid 8 <b>M4</b> <b>26.61 dBV/m</b>	Grid 9 <b>M4</b> <b>25.94 dBV/m</b>



0 dB = 21.39 V/m = 26.60 dBV/m

### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 39750/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.40 V/m; Power Drift = -0.28 dB

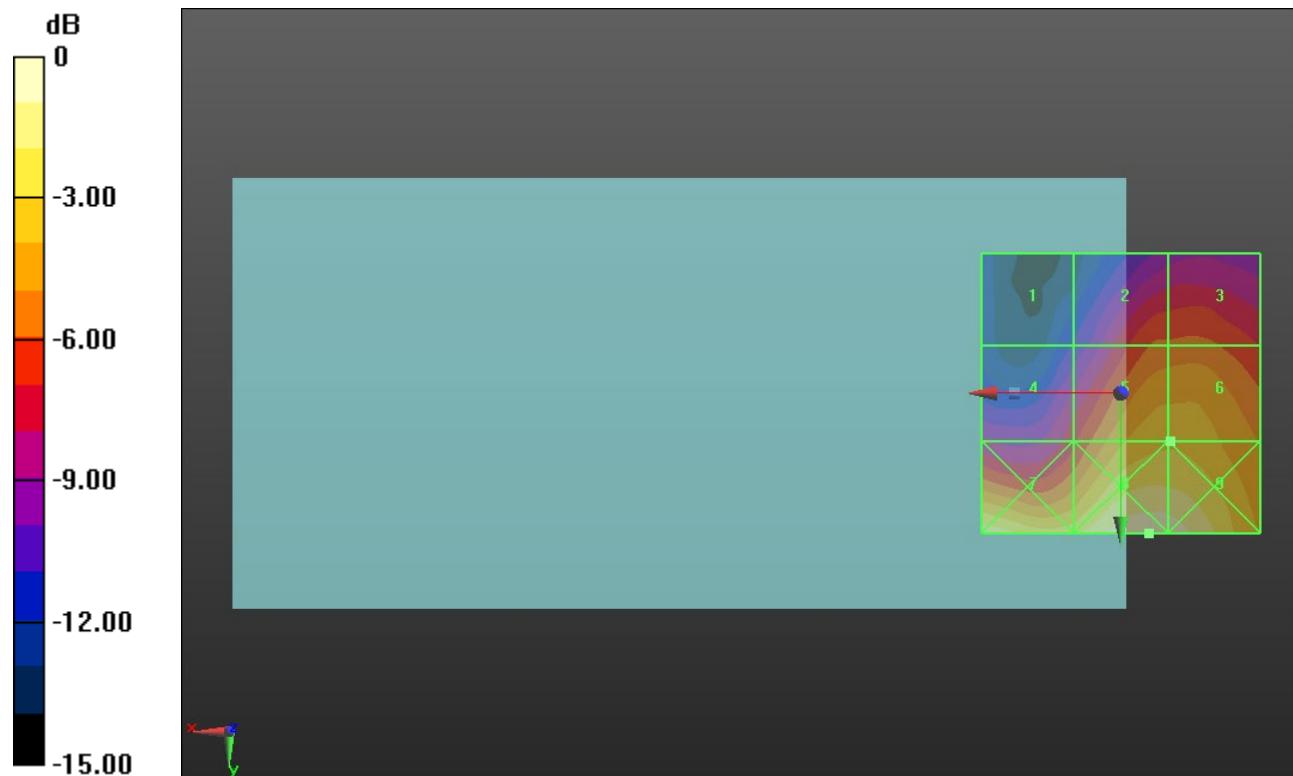
Applied MIF = -1.44 dB

RF audio interference level = 25.71 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.13 dBV/m</b>	Grid 2 <b>M4</b> <b>23.16 dBV/m</b>	Grid 3 <b>M4</b> <b>23.27 dBV/m</b>
Grid 4 <b>M4</b> <b>21.61 dBV/m</b>	Grid 5 <b>M4</b> <b>25.7 dBV/m</b>	Grid 6 <b>M4</b> <b>25.71 dBV/m</b>
Grid 7 <b>M4</b> <b>27.7 dBV/m</b>	Grid 8 <b>M4</b> <b>28.89 dBV/m</b>	Grid 9 <b>M4</b> <b>28.54 dBV/m</b>



0 dB = 27.83 V/m = 28.89 dBV/m

### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM

**Ch. 40185/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.62 V/m; Power Drift = 0.14 dB

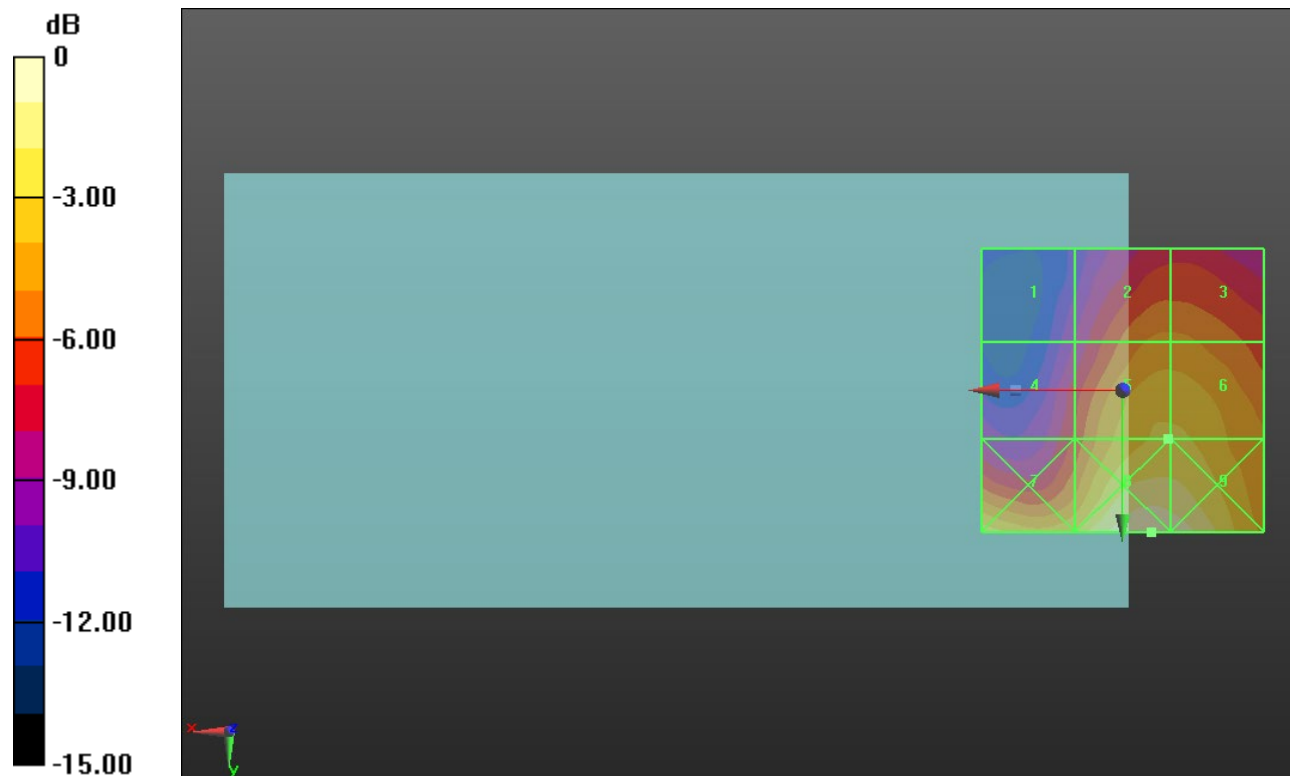
Applied MIF = -1.44 dB

RF audio interference level = 26.36 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.29 dBV/m</b>	Grid 2 <b>M4</b> <b>24.5 dBV/m</b>	Grid 3 <b>M4</b> <b>24.5 dBV/m</b>
Grid 4 <b>M4</b> <b>22.47 dBV/m</b>	Grid 5 <b>M4</b> <b>26.36 dBV/m</b>	Grid 6 <b>M4</b> <b>26.36 dBV/m</b>
Grid 7 <b>M4</b> <b>26.98 dBV/m</b>	Grid 8 <b>M4</b> <b>29.19 dBV/m</b>	Grid 9 <b>M4</b> <b>28.93 dBV/m</b>



0 dB = 28.81 V/m = 29.19 dBV/m

# ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.35 V/m; Power Drift = -0.13 dB

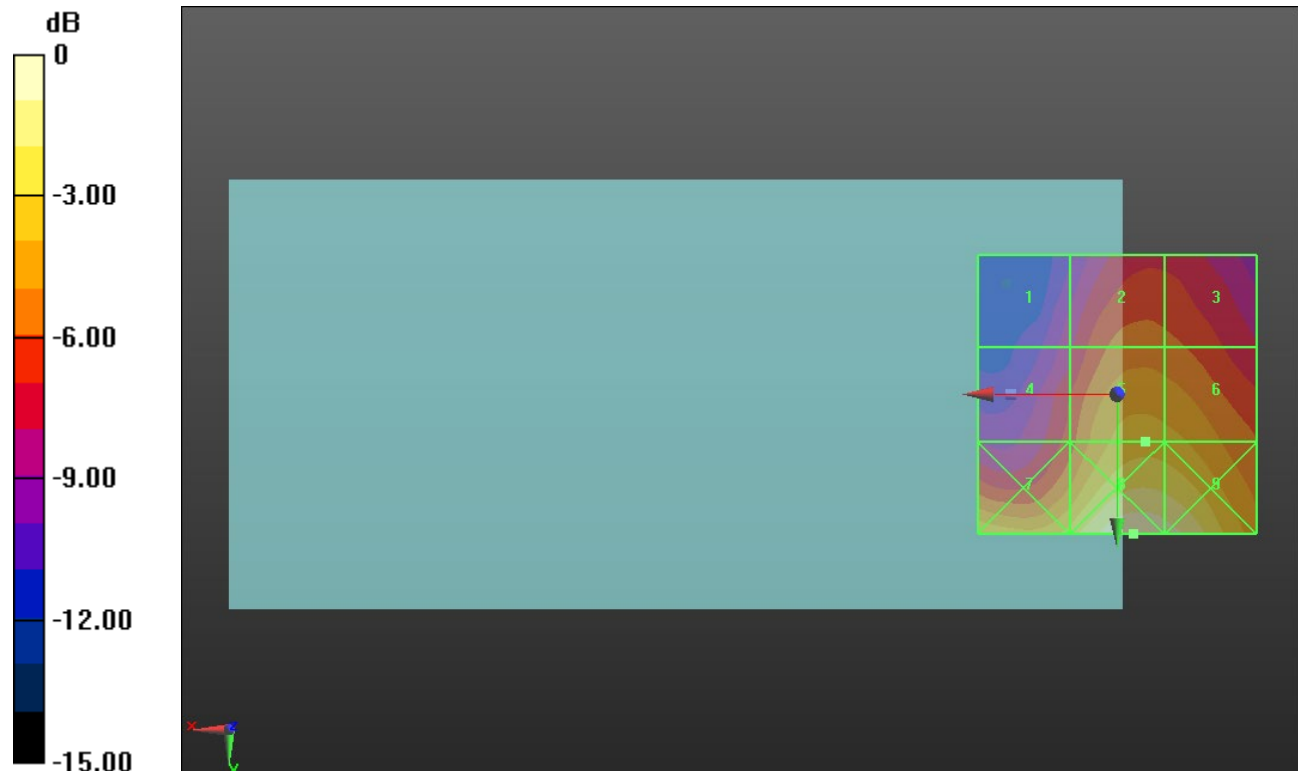
Applied MIF = -1.44 dB

RF audio interference level = 25.42 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.58 dBV/m</b>	Grid 2 <b>M4</b> <b>23.36 dBV/m</b>	Grid 3 <b>M4</b> <b>23.18 dBV/m</b>
Grid 4 <b>M4</b> <b>22.4 dBV/m</b>	Grid 5 <b>M4</b> <b>25.42 dBV/m</b>	Grid 6 <b>M4</b> <b>25.25 dBV/m</b>
Grid 7 <b>M4</b> <b>26.28 dBV/m</b>	Grid 8 <b>M4</b> <b>28.8 dBV/m</b>	Grid 9 <b>M4</b> <b>28.4 dBV/m</b>



0 dB = 27.55 V/m = 28.80 dBV/m



### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

**LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM**  
**Ch. 41055/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.10 V/m; Power Drift = -0.16 dB

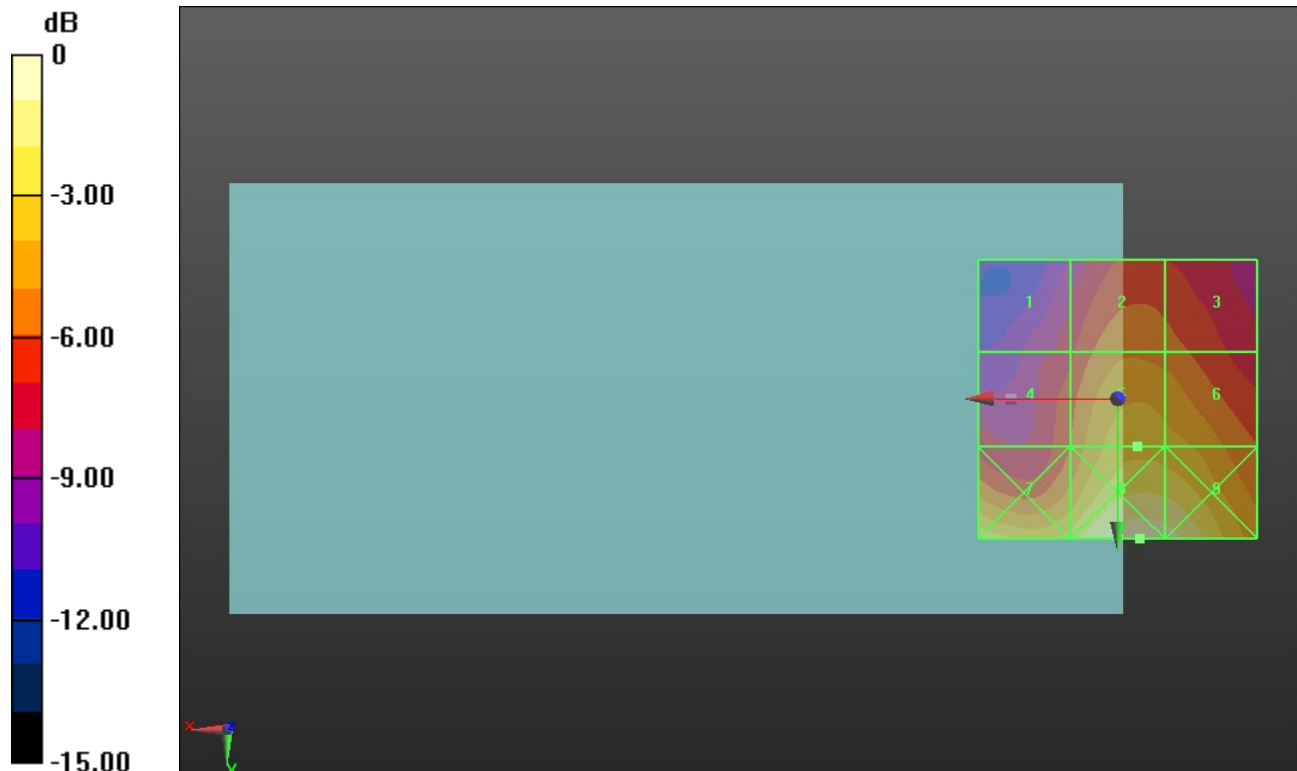
Applied MIF = -1.44 dB

RF audio interference level = 24.86 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.91 dBV/m</b>	Grid 2 <b>M4</b> <b>23.02 dBV/m</b>	Grid 3 <b>M4</b> <b>22.66 dBV/m</b>
Grid 4 <b>M4</b> <b>22.18 dBV/m</b>	Grid 5 <b>M4</b> <b>24.86 dBV/m</b>	Grid 6 <b>M4</b> <b>24.63 dBV/m</b>
Grid 7 <b>M4</b> <b>26.03 dBV/m</b>	Grid 8 <b>M4</b> <b>28.12 dBV/m</b>	Grid 9 <b>M4</b> <b>27.69 dBV/m</b>



0 dB = 25.47 V/m = 28.12 dBV/m

# ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## LTE Band 41\_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.57 V/m; Power Drift = -0.17 dB

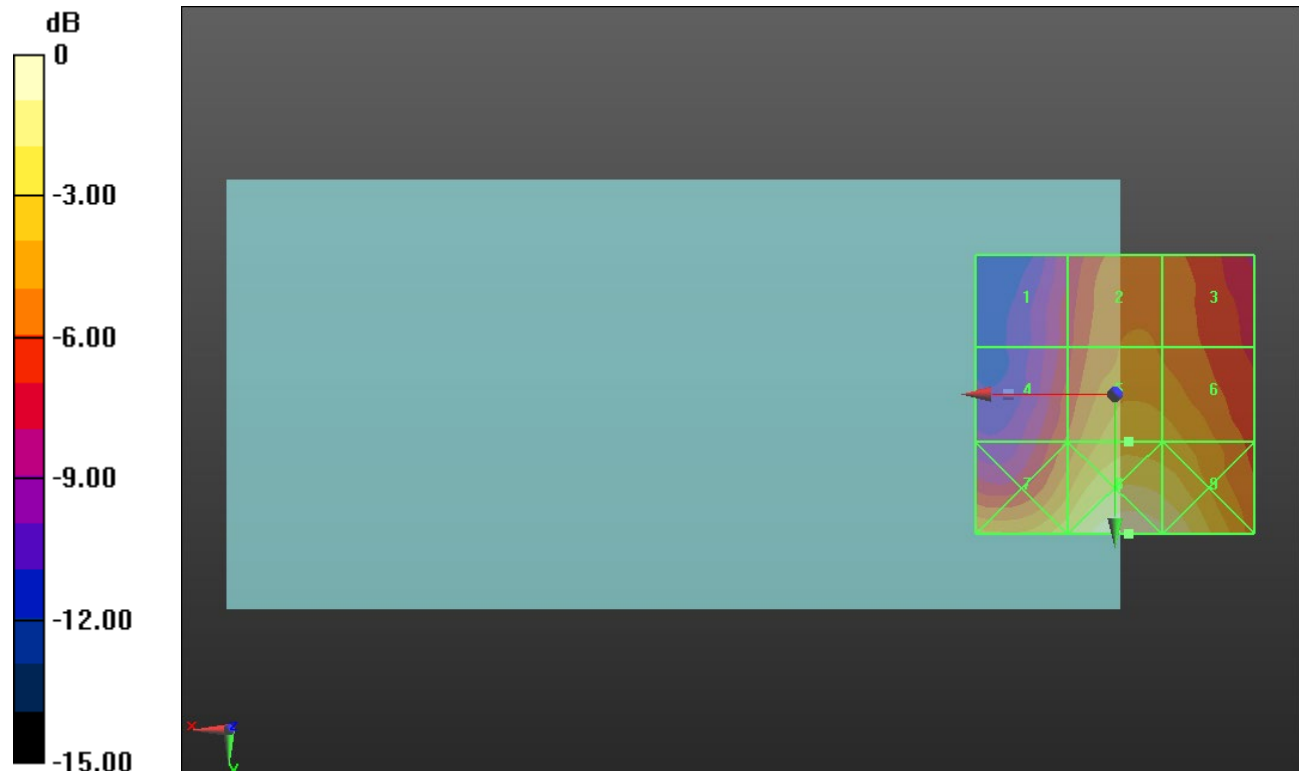
Applied MIF = -1.44 dB

RF audio interference level = 24.66 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.61 dBV/m</b>	Grid 2 <b>M4</b> <b>23.13 dBV/m</b>	Grid 3 <b>M4</b> <b>22.86 dBV/m</b>
Grid 4 <b>M4</b> <b>22.24 dBV/m</b>	Grid 5 <b>M4</b> <b>24.66 dBV/m</b>	Grid 6 <b>M4</b> <b>24.41 dBV/m</b>
Grid 7 <b>M4</b> <b>25.8 dBV/m</b>	Grid 8 <b>M4</b> <b>27.96 dBV/m</b>	Grid 9 <b>M4</b> <b>27.35 dBV/m</b>



0 dB = 24.99 V/m = 27.96 dBV/m

# ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

**55340/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.12 V/m; Power Drift = 0.16 dB

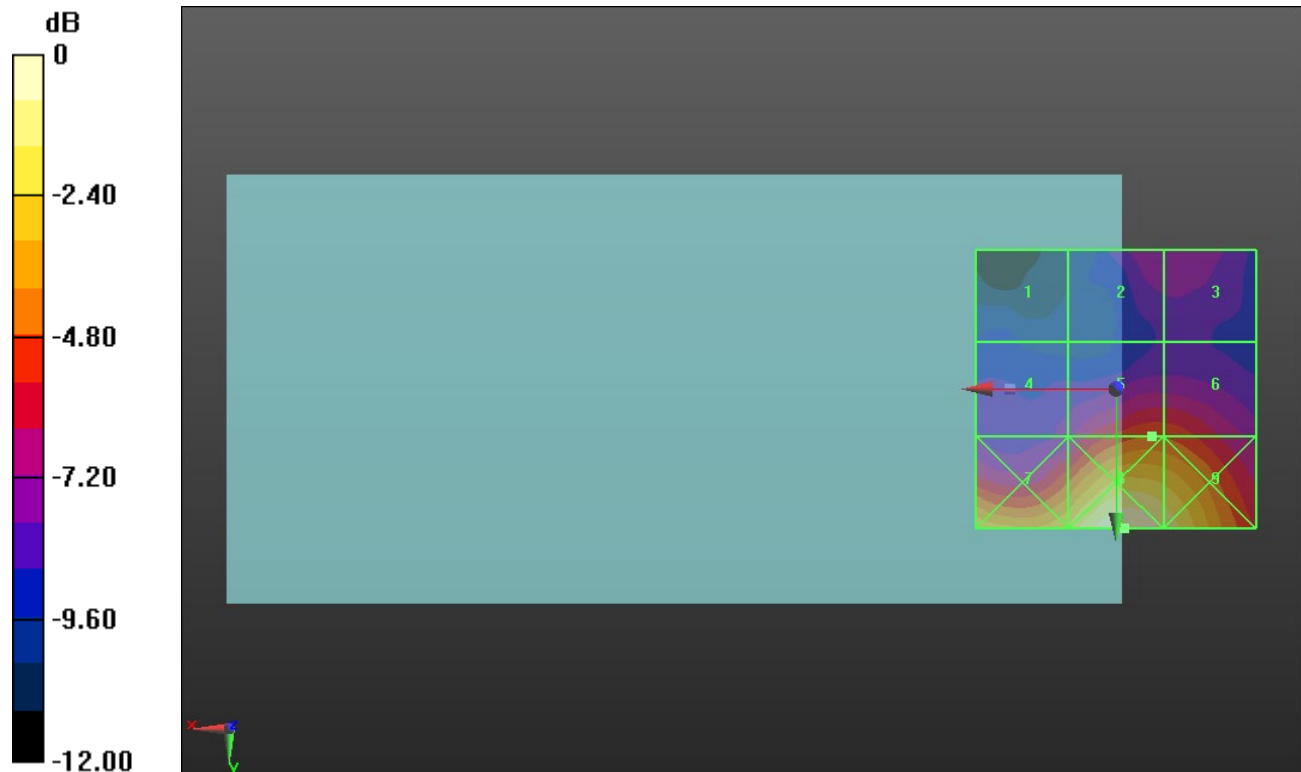
Applied MIF = -1.44 dB

RF audio interference level = 21.62 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.09 dBV/m</b>	Grid 2 <b>M4</b> <b>19.07 dBV/m</b>	Grid 3 <b>M4</b> <b>19.07 dBV/m</b>
Grid 4 <b>M4</b> <b>18.92 dBV/m</b>	Grid 5 <b>M4</b> <b>21.62 dBV/m</b>	Grid 6 <b>M4</b> <b>21.54 dBV/m</b>
Grid 7 <b>M4</b> <b>24.18 dBV/m</b>	Grid 8 <b>M4</b> <b>26.38 dBV/m</b>	Grid 9 <b>M4</b> <b>25.51 dBV/m</b>



0 dB = 20.84 V/m = 26.38 dBV/m

# ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

**55773/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.82 V/m; Power Drift = 0.01 dB

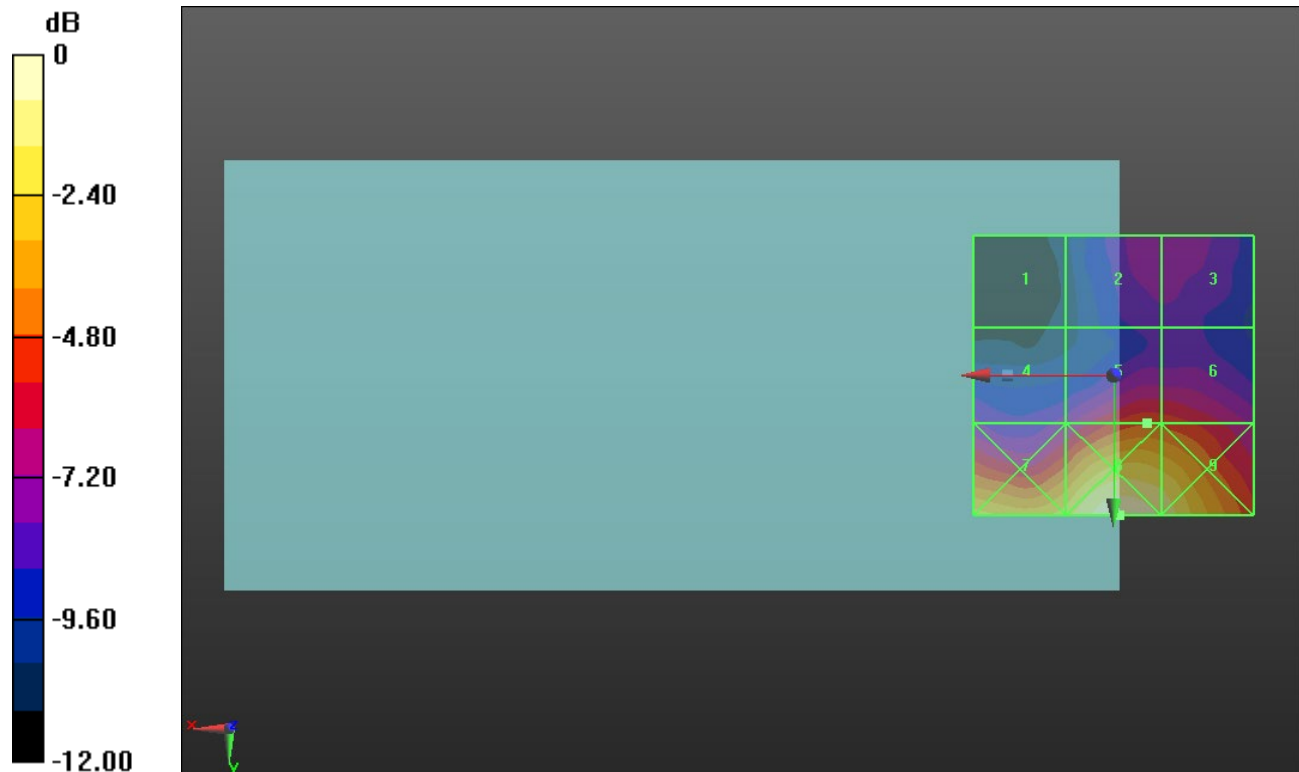
Applied MIF = -1.44 dB

RF audio interference level = 21.37 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>15.86 dBV/m</b>	Grid 2 <b>M4</b> <b>19 dBV/m</b>	Grid 3 <b>M4</b> <b>19 dBV/m</b>
Grid 4 <b>M4</b> <b>18.82 dBV/m</b>	Grid 5 <b>M4</b> <b>21.37 dBV/m</b>	Grid 6 <b>M4</b> <b>21.25 dBV/m</b>
Grid 7 <b>M4</b> <b>24.39 dBV/m</b>	Grid 8 <b>M4</b> <b>26.28 dBV/m</b>	Grid 9 <b>M4</b> <b>25.32 dBV/m</b>



0 dB = 20.62 V/m = 26.29 dBV/m

### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 48\_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

**56207/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.05 V/m; Power Drift = -0.02 dB

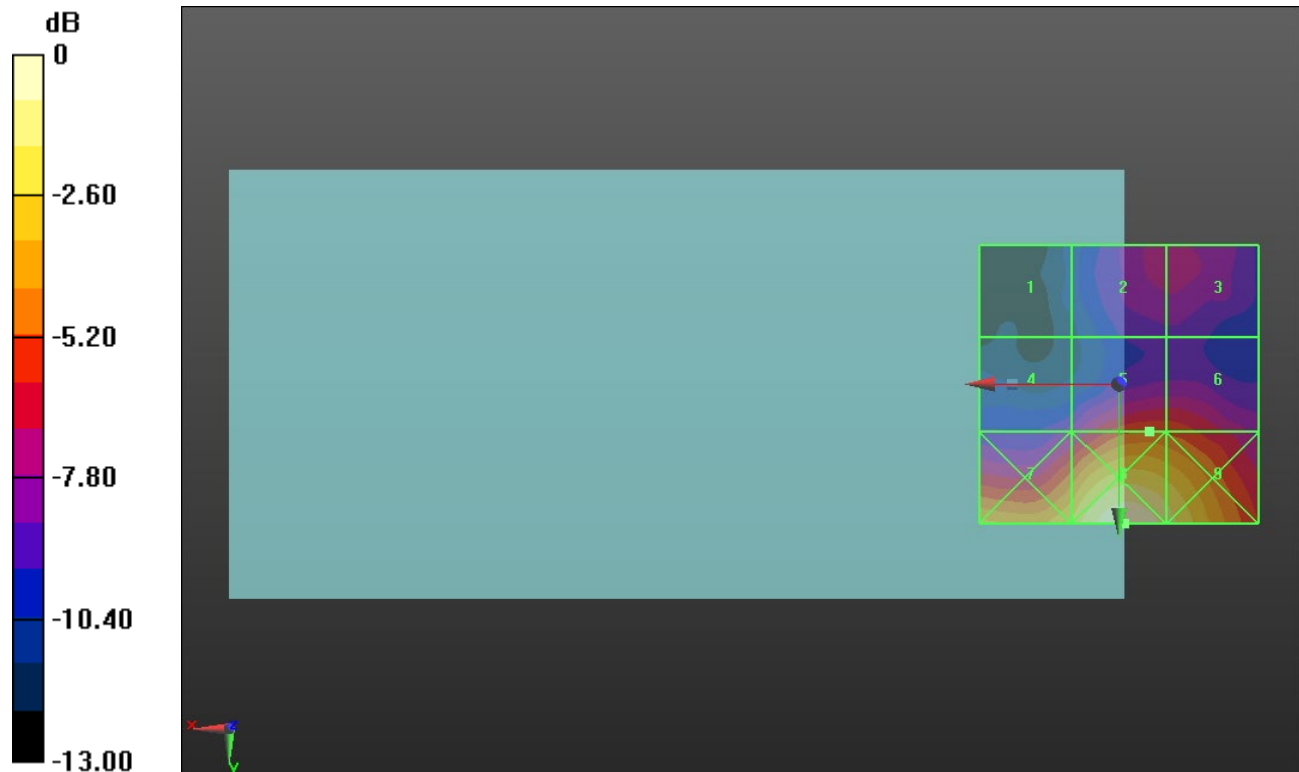
Applied MIF = -1.44 dB

RF audio interference level = 21.56 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>15.92 dBV/m</b>	Grid 2 <b>M4</b> <b>19.25 dBV/m</b>	Grid 3 <b>M4</b> <b>19.25 dBV/m</b>
Grid 4 <b>M4</b> <b>18.57 dBV/m</b>	Grid 5 <b>M4</b> <b>21.56 dBV/m</b>	Grid 6 <b>M4</b> <b>21.4 dBV/m</b>
Grid 7 <b>M4</b> <b>24.41 dBV/m</b>	Grid 8 <b>M4</b> <b>26.72 dBV/m</b>	Grid 9 <b>M4</b> <b>25.5 dBV/m</b>



0 dB = 21.68 V/m = 26.72 dBV/m

### ANT 4

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 48\_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

**56640/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.83 V/m; Power Drift = 0.10 dB

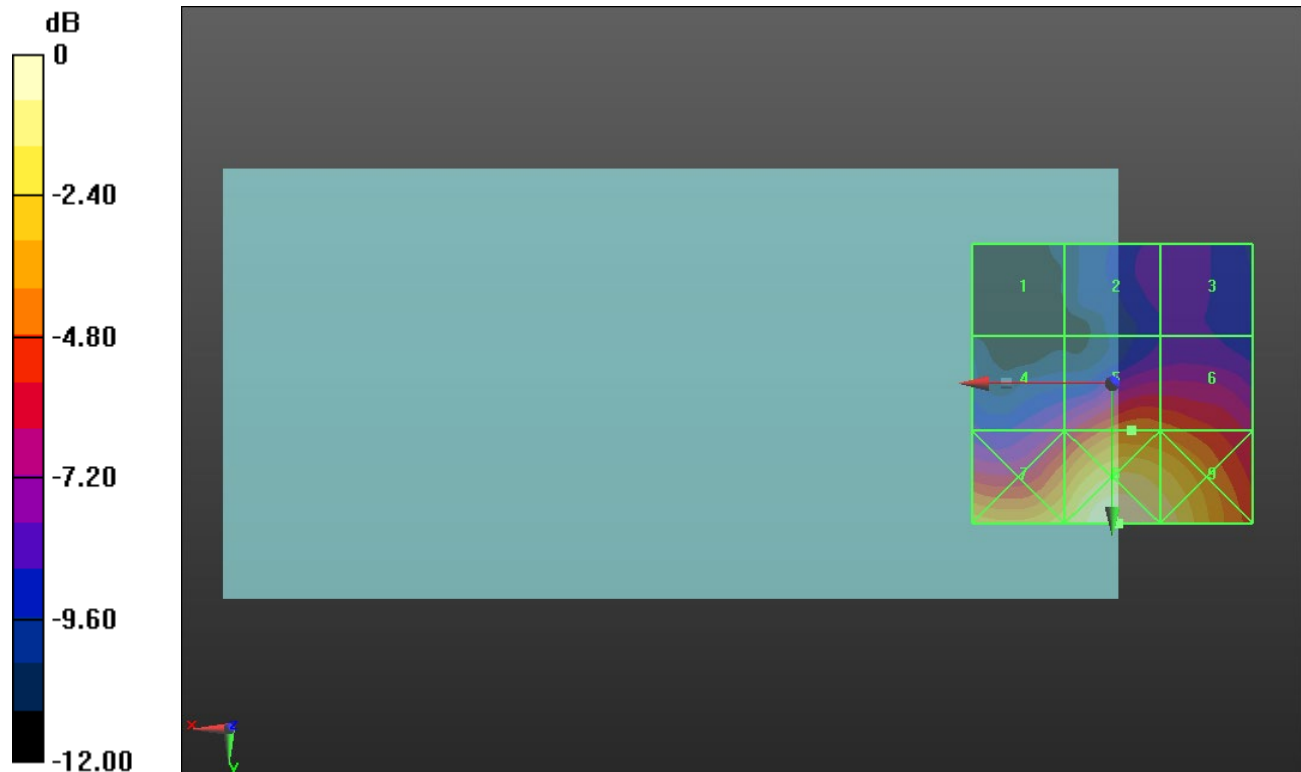
Applied MIF = -1.44 dB

RF audio interference level = 21.93 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>15.19 dBV/m</b>	Grid 2 <b>M4</b> <b>17.59 dBV/m</b>	Grid 3 <b>M4</b> <b>17.65 dBV/m</b>
Grid 4 <b>M4</b> <b>19.22 dBV/m</b>	Grid 5 <b>M4</b> <b>21.93 dBV/m</b>	Grid 6 <b>M4</b> <b>21.73 dBV/m</b>
Grid 7 <b>M4</b> <b>24.21 dBV/m</b>	Grid 8 <b>M4</b> <b>25.99 dBV/m</b>	Grid 9 <b>M4</b> <b>25.16 dBV/m</b>



0 dB = 19.93 V/m = 25.99 dBV/m

### ANT 4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11b E-Field measurement/IEEE 802.11b\_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.34 V/m; Power Drift = 0.08 dB

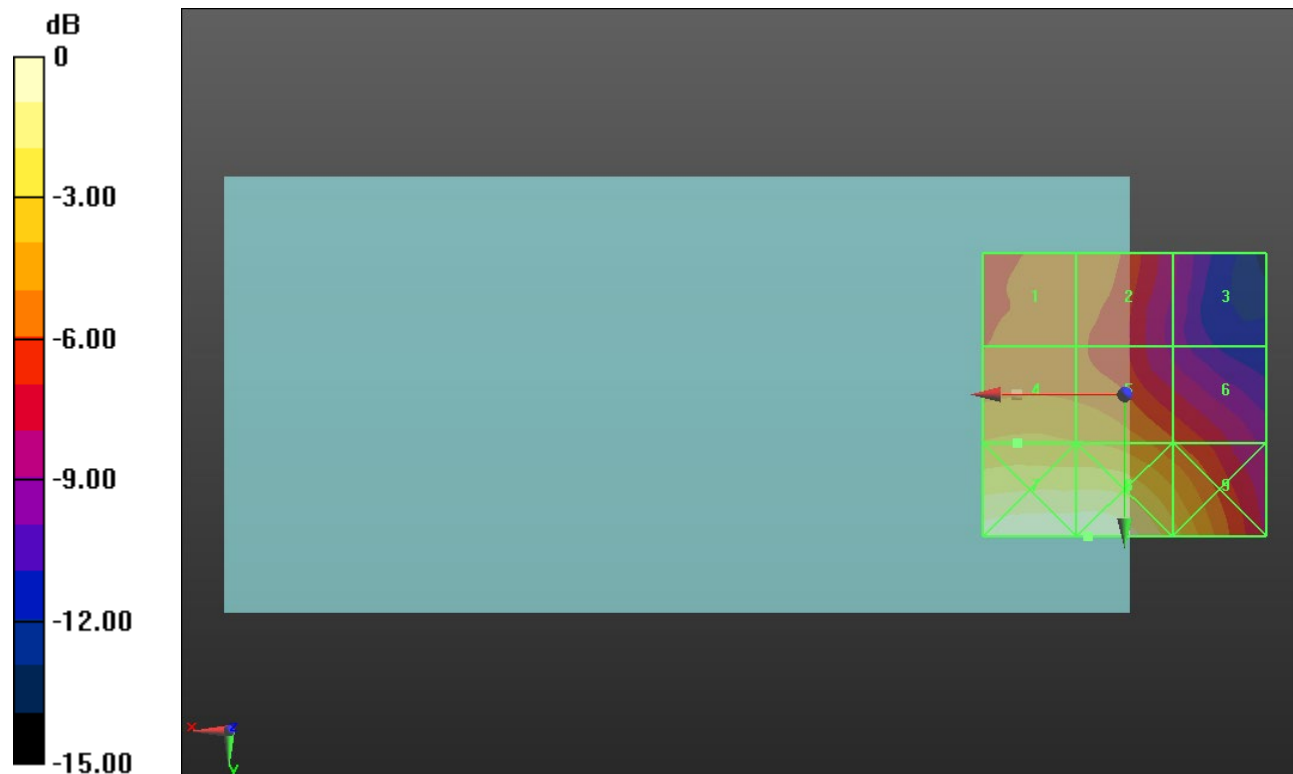
Applied MIF = -2.02 dB

RF audio interference level = 21.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.93 dBV/m</b>	Grid 2 <b>M4</b> <b>19.96 dBV/m</b>	Grid 3 <b>M4</b> <b>16.69 dBV/m</b>
Grid 4 <b>M4</b> <b>21.7 dBV/m</b>	Grid 5 <b>M4</b> <b>21.47 dBV/m</b>	Grid 6 <b>M4</b> <b>19.62 dBV/m</b>
Grid 7 <b>M4</b> <b>25.36 dBV/m</b>	Grid 8 <b>M4</b> <b>25.4 dBV/m</b>	Grid 9 <b>M4</b> <b>22.88 dBV/m</b>



0 dB = 18.61 V/m = 25.39 dBV/m

### ANT 4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11b E-Field measurement/IEEE 802.11b\_OFDM 11 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.25 V/m; Power Drift = 0.13 dB

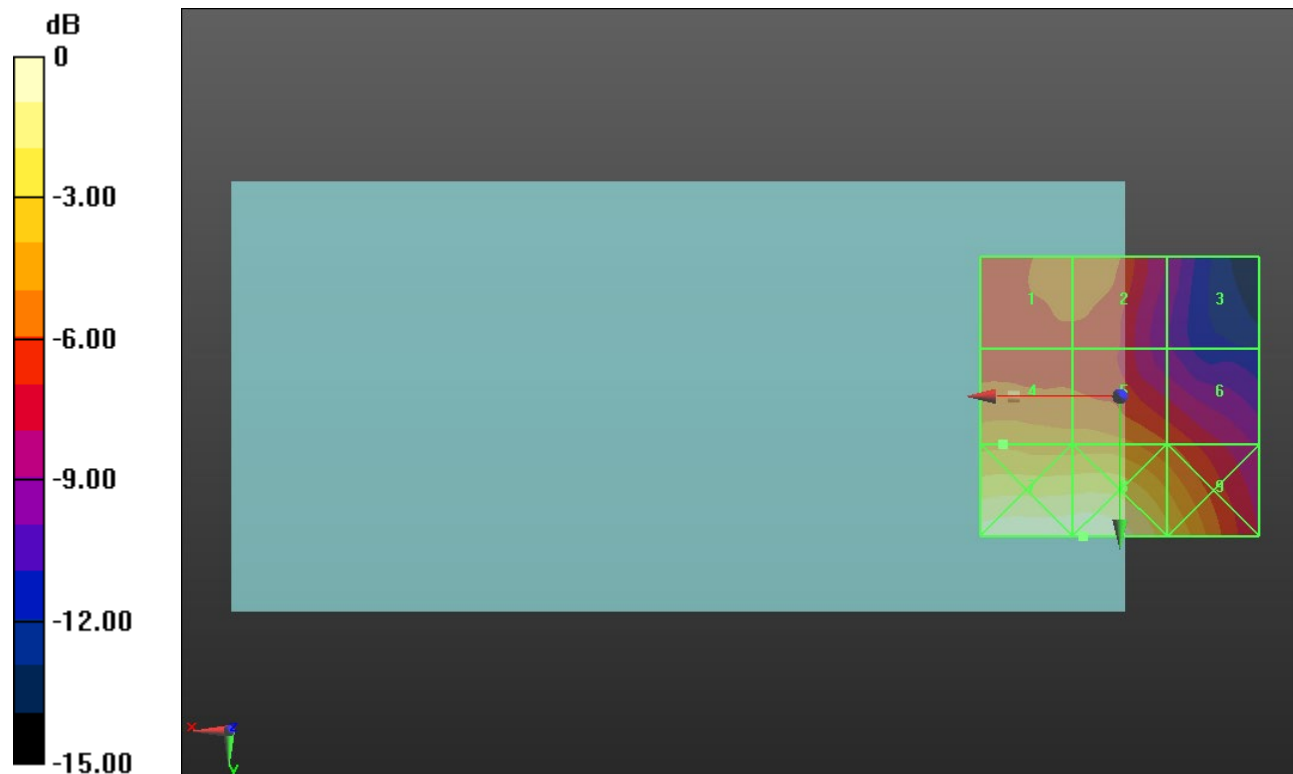
Applied MIF = -2.02 dB

RF audio interference level = 22.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.49 dBV/m</b>	Grid 2 <b>M4</b> <b>21.53 dBV/m</b>	Grid 3 <b>M4</b> <b>17.93 dBV/m</b>
Grid 4 <b>M4</b> <b>22.73 dBV/m</b>	Grid 5 <b>M4</b> <b>22.51 dBV/m</b>	Grid 6 <b>M4</b> <b>21.04 dBV/m</b>
Grid 7 <b>M4</b> <b>26.85 dBV/m</b>	Grid 8 <b>M4</b> <b>26.93 dBV/m</b>	Grid 9 <b>M4</b> <b>24.32 dBV/m</b>



0 dB = 22.20 V/m = 26.93 dBV/m



### ANT 4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11b E-Field measurement/IEEE 802.11b\_OFDM 11 Mbps Ch. 11/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.95 V/m; Power Drift = -0.11 dB

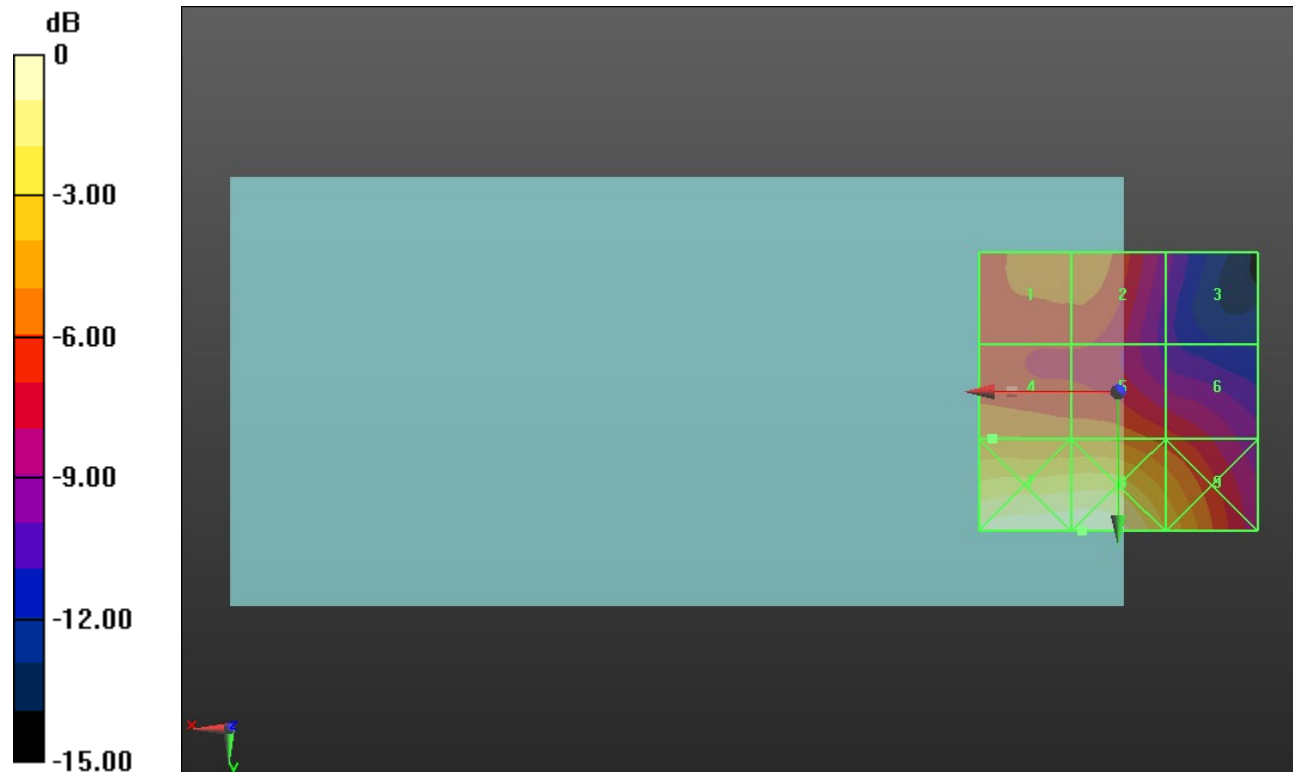
Applied MIF = -2.02 dB

RF audio interference level = 21.95 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.43 dBV/m</b>	Grid 2 <b>M4</b> <b>21.44 dBV/m</b>	Grid 3 <b>M4</b> <b>17.33 dBV/m</b>
Grid 4 <b>M4</b> <b>21.95 dBV/m</b>	Grid 5 <b>M4</b> <b>21.82 dBV/m</b>	Grid 6 <b>M4</b> <b>20.37 dBV/m</b>
Grid 7 <b>M4</b> <b>26.7 dBV/m</b>	Grid 8 <b>M4</b> <b>26.78 dBV/m</b>	Grid 9 <b>M4</b> <b>23.86 dBV/m</b>



0 dB = 21.84 V/m = 26.79 dBV/m

### ANT 4

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11g E-Field measurement/IEEE 802.11g\_OFDM 54 Mbps Ch. 3/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.44 V/m; Power Drift = 0.07 dB

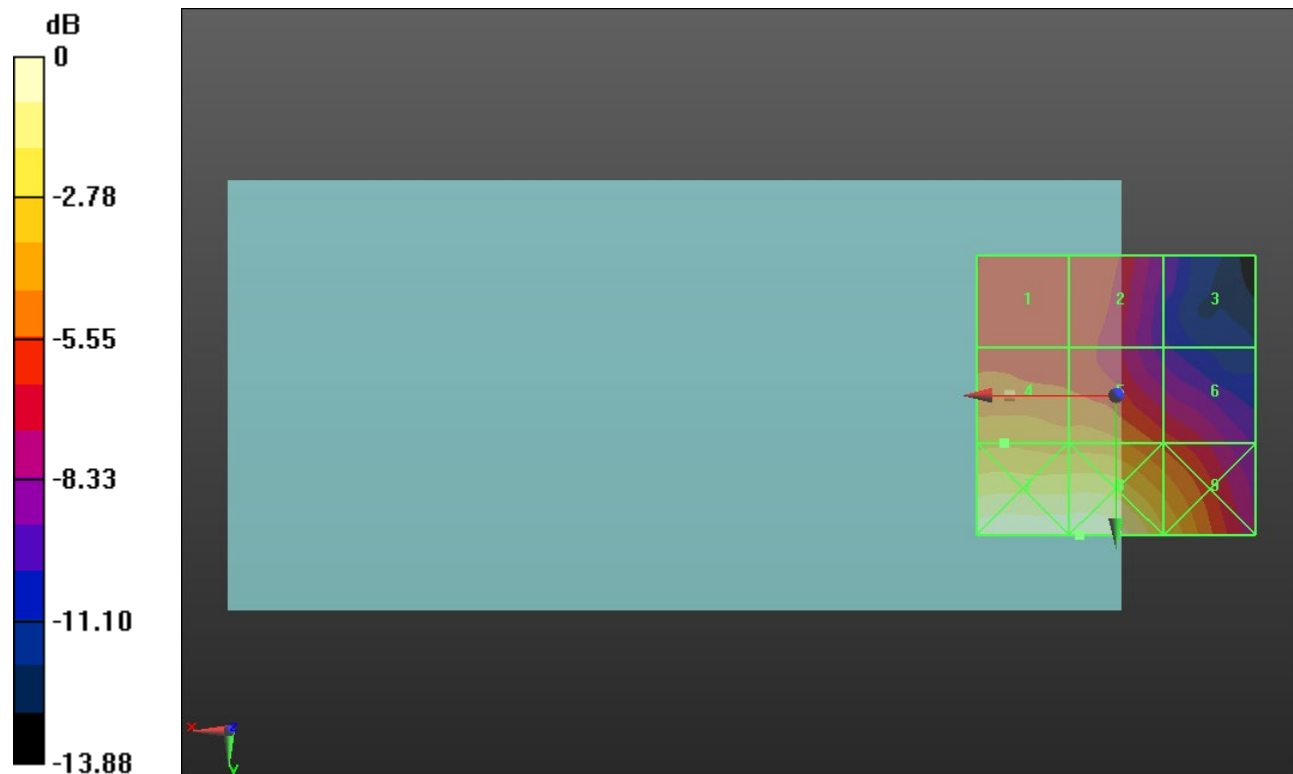
Applied MIF = 0.12 dB

RF audio interference level = 23.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.47 dBV/m</b>	Grid 2 <b>M4</b> <b>21.46 dBV/m</b>	Grid 3 <b>M4</b> <b>17.86 dBV/m</b>
Grid 4 <b>M4</b> <b>23.2 dBV/m</b>	Grid 5 <b>M4</b> <b>22.96 dBV/m</b>	Grid 6 <b>M4</b> <b>21.17 dBV/m</b>
Grid 7 <b>M4</b> <b>27 dBV/m</b>	Grid 8 <b>M4</b> <b>27.02 dBV/m</b>	Grid 9 <b>M4</b> <b>24.47 dBV/m</b>



0 dB = 22.44 V/m = 27.02 dBV/m

### ANT 4

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11g E-Field measurement/IEEE 802.11g\_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.05 V/m; Power Drift = -0.01 dB

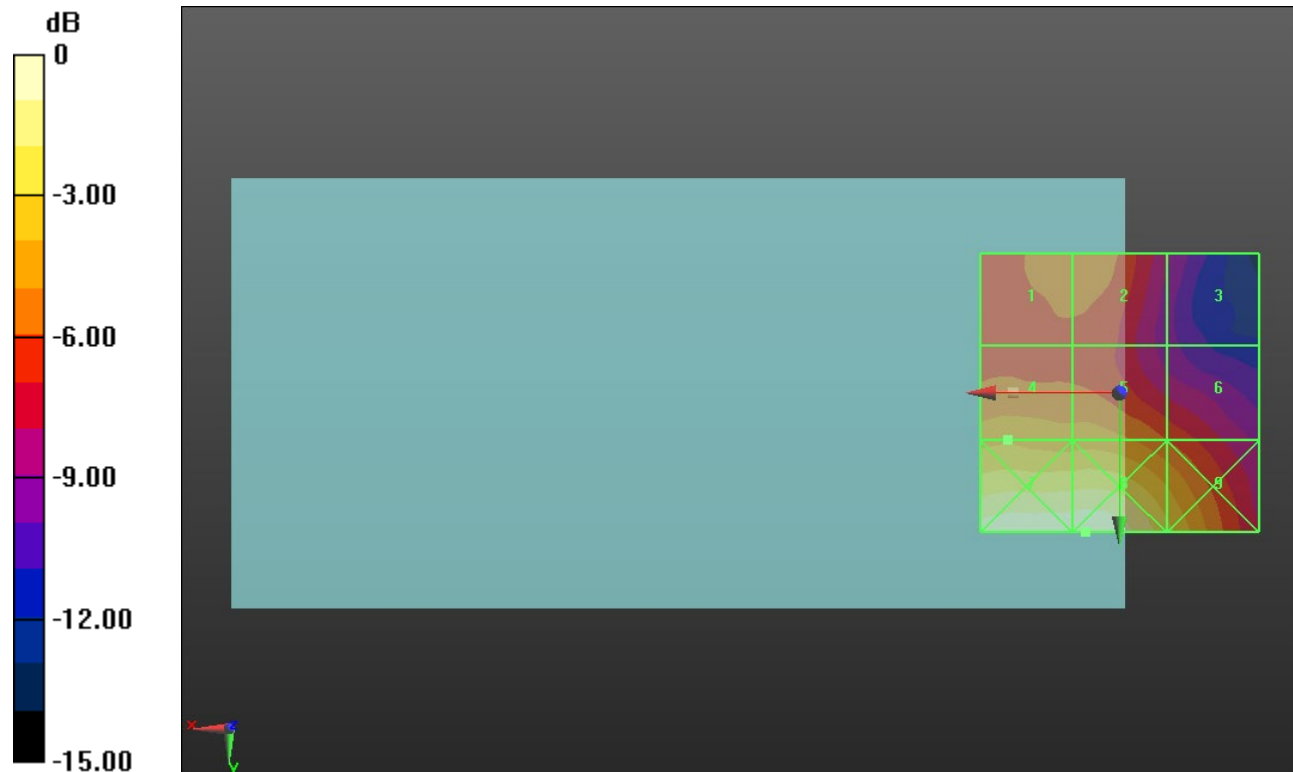
Applied MIF = 0.12 dB

RF audio interference level = 23.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.63 dBV/m</b>	Grid 2 <b>M4</b> <b>22.64 dBV/m</b>	Grid 3 <b>M4</b> <b>19.35 dBV/m</b>
Grid 4 <b>M4</b> <b>23.9 dBV/m</b>	Grid 5 <b>M4</b> <b>23.7 dBV/m</b>	Grid 6 <b>M4</b> <b>22.11 dBV/m</b>
Grid 7 <b>M4</b> <b>27.95 dBV/m</b>	Grid 8 <b>M4</b> <b>28.04 dBV/m</b>	Grid 9 <b>M4</b> <b>25.45 dBV/m</b>



0 dB = 25.25 V/m = 28.05 dBV/m

### ANT 4

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11g E-Field measurement/IEEE 802.11g\_OFDM 54 Mbps Ch. 9/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.05 V/m; Power Drift = -0.11 dB

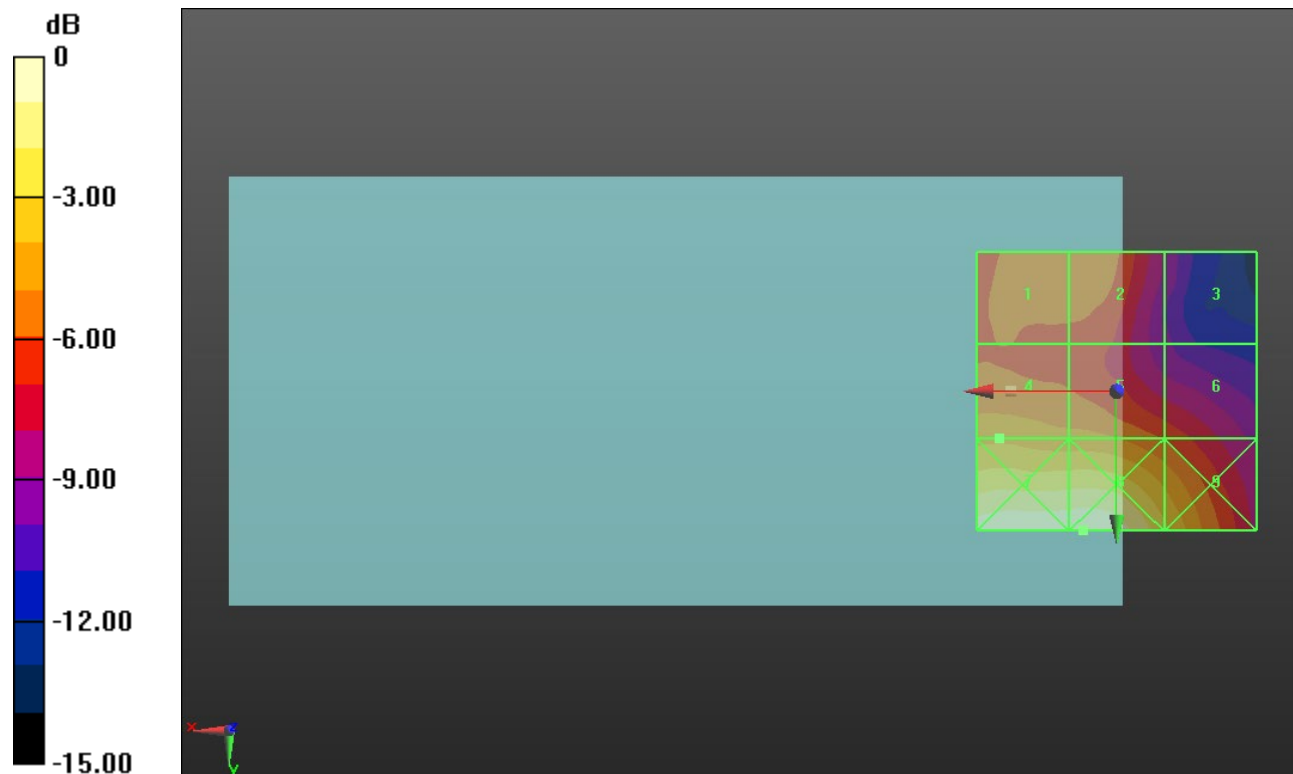
Applied MIF = 0.12 dB

RF audio interference level = 22.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.06 dBV/m</b>	Grid 2 <b>M4</b> <b>22.08 dBV/m</b>	Grid 3 <b>M4</b> <b>18.07 dBV/m</b>
Grid 4 <b>M4</b> <b>22.97 dBV/m</b>	Grid 5 <b>M4</b> <b>22.58 dBV/m</b>	Grid 6 <b>M4</b> <b>21.06 dBV/m</b>
Grid 7 <b>M4</b> <b>27.05 dBV/m</b>	Grid 8 <b>M4</b> <b>27.13 dBV/m</b>	Grid 9 <b>M4</b> <b>24.46 dBV/m</b>



0 dB = 22.72 V/m = 27.13 dBV/m

# ANT 5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## 802.11a E-Field measurement/IEEE 802.11a\_OFDM 54 Mbps Ch. 149/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.341 V/m; Power Drift = 0.11 dB

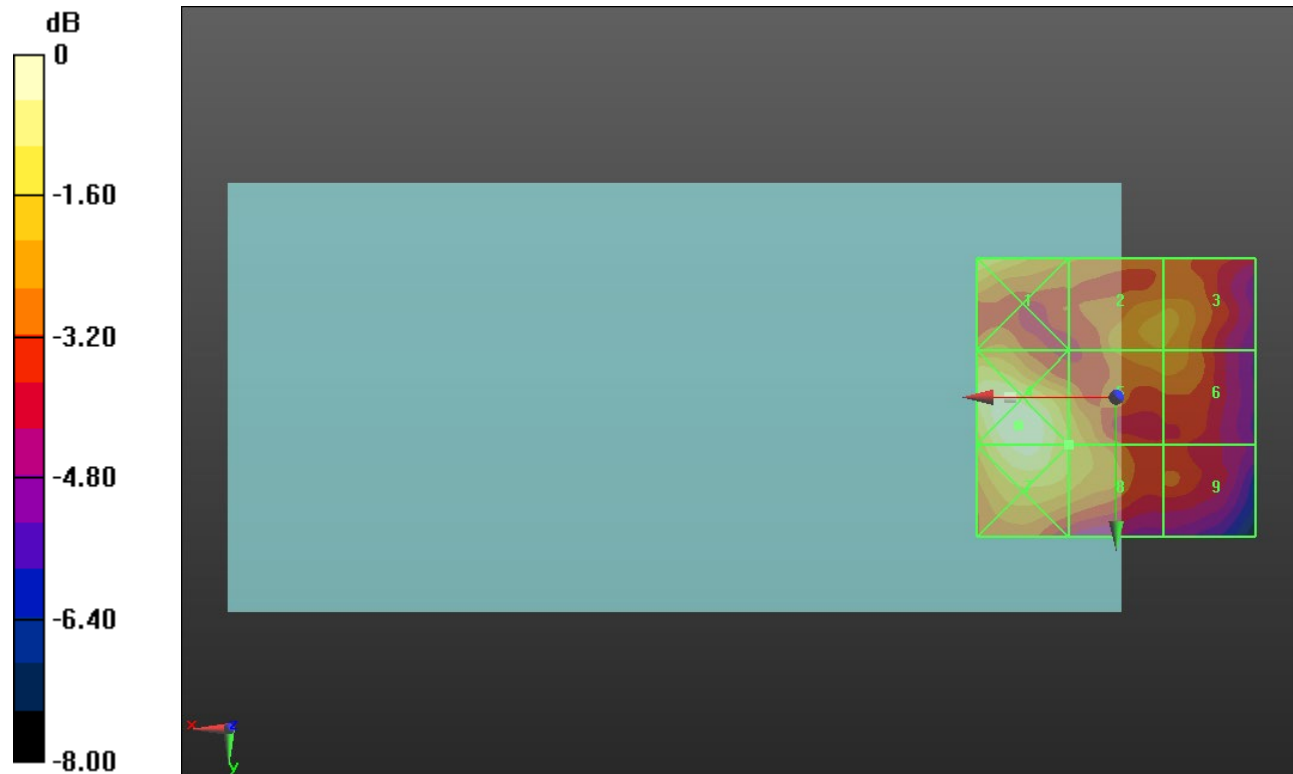
Applied MIF = -3.15 dB

RF audio interference level = 12.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>13.45 dBV/m</b>	Grid 2 <b>M4</b> <b>12.27 dBV/m</b>	Grid 3 <b>M4</b> <b>12.27 dBV/m</b>
Grid 4 <b>M4</b> <b>14.21 dBV/m</b>	Grid 5 <b>M4</b> <b>12.64 dBV/m</b>	Grid 6 <b>M4</b> <b>12.05 dBV/m</b>
Grid 7 <b>M4</b> <b>13.92 dBV/m</b>	Grid 8 <b>M4</b> <b>12.64 dBV/m</b>	Grid 9 <b>M4</b> <b>11.19 dBV/m</b>



0 dB = 5.134 V/m = 14.21 dBV/m

### ANT 5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11a E-Field measurement/IEEE 802.11a\_OFDM 54 Mbps Ch. 157/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.803 V/m; Power Drift = 0.36 dB

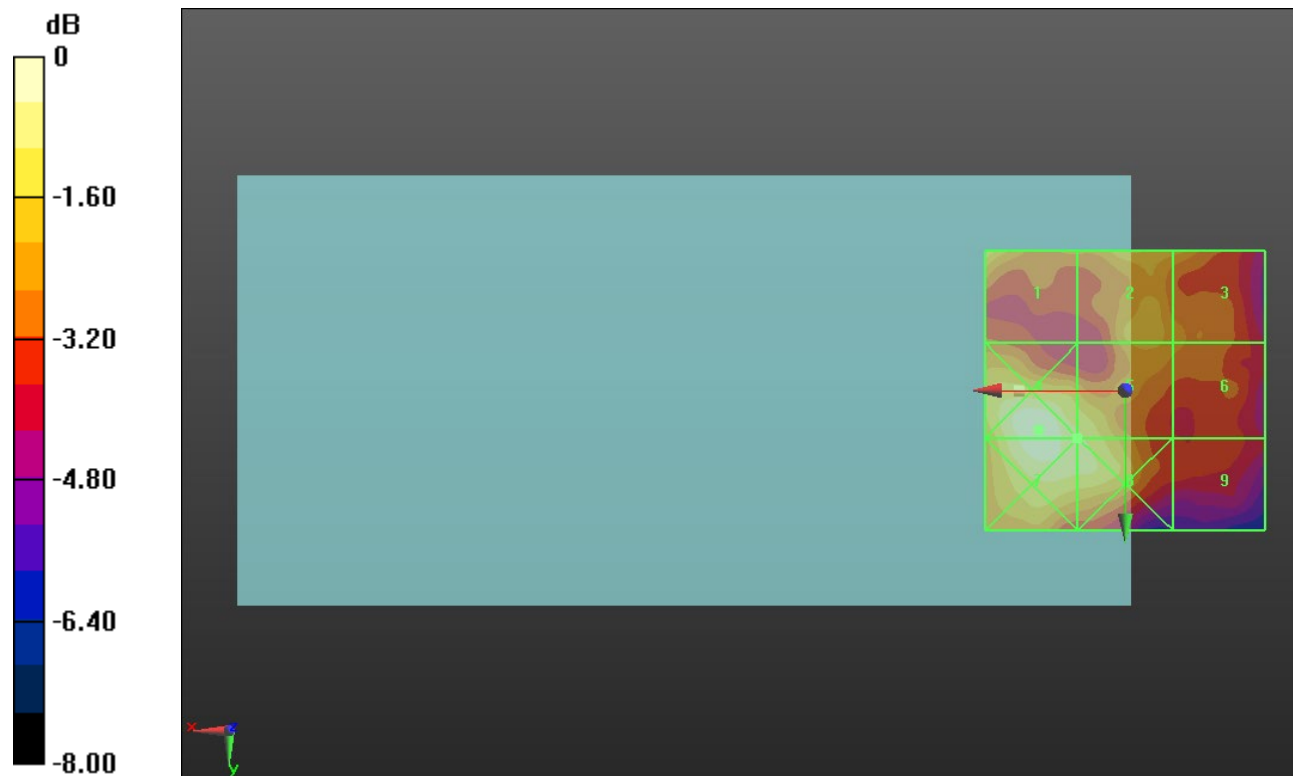
Applied MIF = -3.15 dB

RF audio interference level = 13.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>13.13 dBV/m</b>	Grid 2 <b>M4</b> <b>12.64 dBV/m</b>	Grid 3 <b>M4</b> <b>12.31 dBV/m</b>
Grid 4 <b>M4</b> <b>14.13 dBV/m</b>	Grid 5 <b>M4</b> <b>13.18 dBV/m</b>	Grid 6 <b>M4</b> <b>11.65 dBV/m</b>
Grid 7 <b>M4</b> <b>14.07 dBV/m</b>	Grid 8 <b>M4</b> <b>13.29 dBV/m</b>	Grid 9 <b>M4</b> <b>10.77 dBV/m</b>



0 dB = 5.085 V/m = 14.13 dBV/m

### ANT 5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### 802.11a E-Field measurement/IEEE 802.11a\_OFDM 54 Mbps Ch. 165/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.908 V/m; Power Drift = -0.04 dB

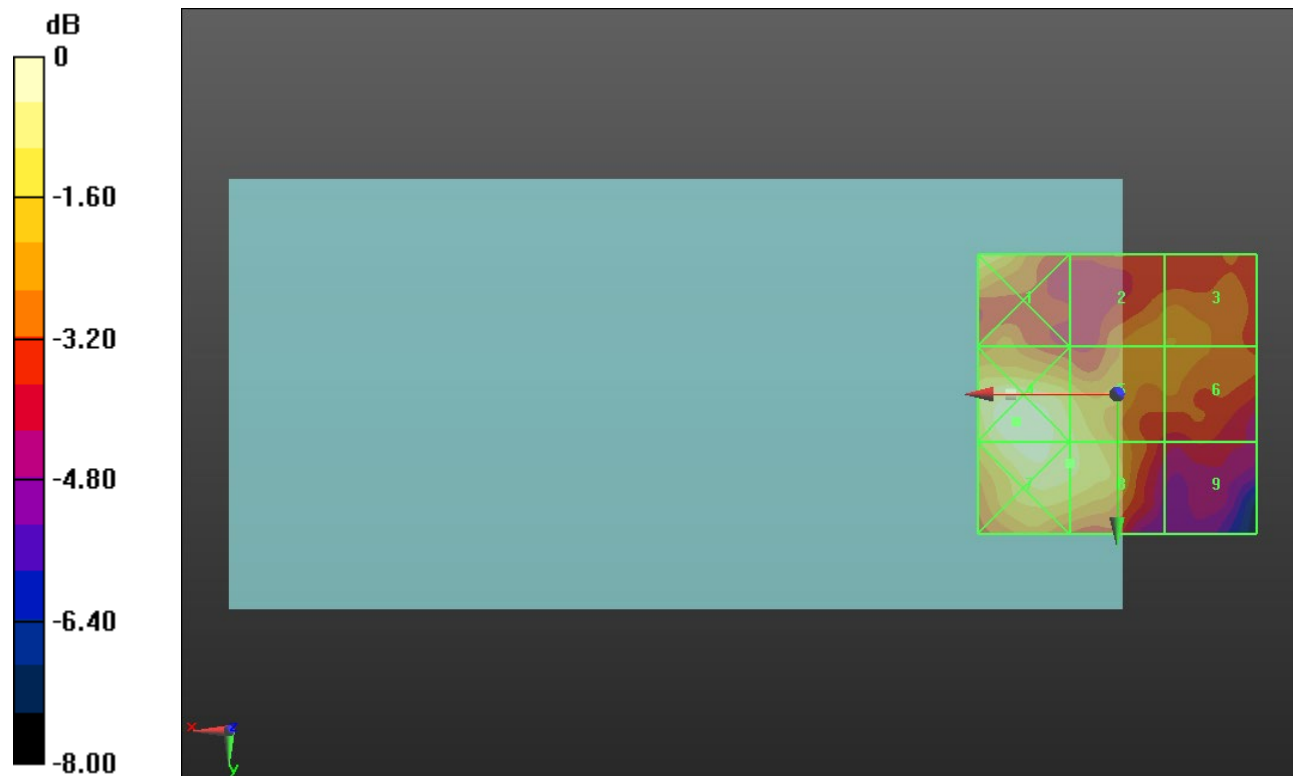
Applied MIF = -3.15 dB

RF audio interference level = 13.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>13.59 dBV/m</b>	Grid 2 <b>M4</b> <b>12.27 dBV/m</b>	Grid 3 <b>M4</b> <b>12.29 dBV/m</b>
Grid 4 <b>M4</b> <b>14.4 dBV/m</b>	Grid 5 <b>M4</b> <b>13.47 dBV/m</b>	Grid 6 <b>M4</b> <b>12.27 dBV/m</b>
Grid 7 <b>M4</b> <b>14.18 dBV/m</b>	Grid 8 <b>M4</b> <b>13.5 dBV/m</b>	Grid 9 <b>M4</b> <b>10.73 dBV/m</b>



0 dB = 5.249 V/m = 14.40 dBV/m

# ANT 6

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## 802.11a E-Field measurement/IEEE 802.11a\_OFDM 54 Mbps Ch. 149/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.82 V/m; Power Drift = 0.08 dB

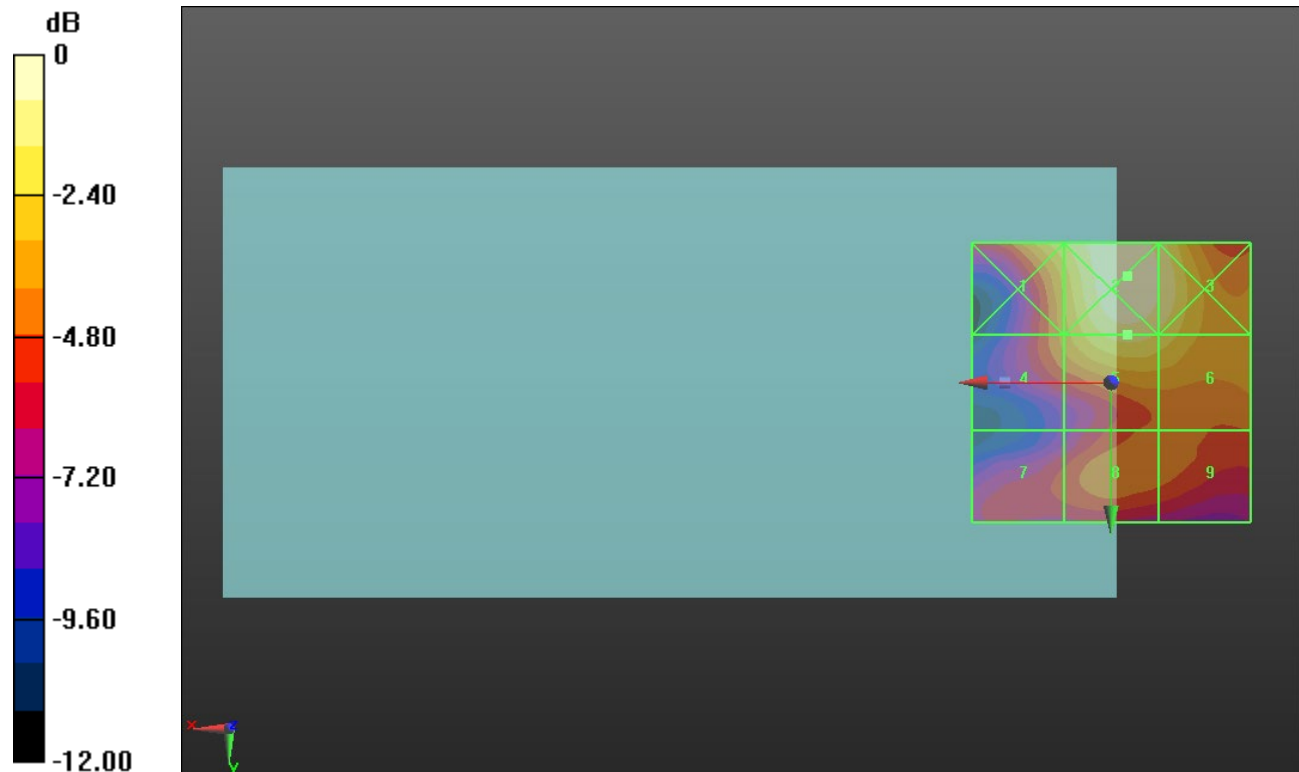
Applied MIF = -3.15 dB

RF audio interference level = 25.21 dBV/m

Emission category: **M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>24.9 dBV/m</b>	<b>Grid 2 M4</b> <b>26.45 dBV/m</b>	<b>Grid 3 M4</b> <b>25.74 dBV/m</b>
<b>Grid 4 M4</b> <b>22.8 dBV/m</b>	<b>Grid 5 M4</b> <b>25.21 dBV/m</b>	<b>Grid 6 M4</b> <b>24.71 dBV/m</b>
<b>Grid 7 M4</b> <b>21.2 dBV/m</b>	<b>Grid 8 M4</b> <b>22.36 dBV/m</b>	<b>Grid 9 M4</b> <b>22.15 dBV/m</b>



0 dB = 21.02 V/m = 26.45 dBV/m



# ANT 6

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## 802.11a E-Field measurement/IEEE 802.11a\_OFDM 54 Mbps Ch. 157/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.09 V/m; Power Drift = 0.04 dB

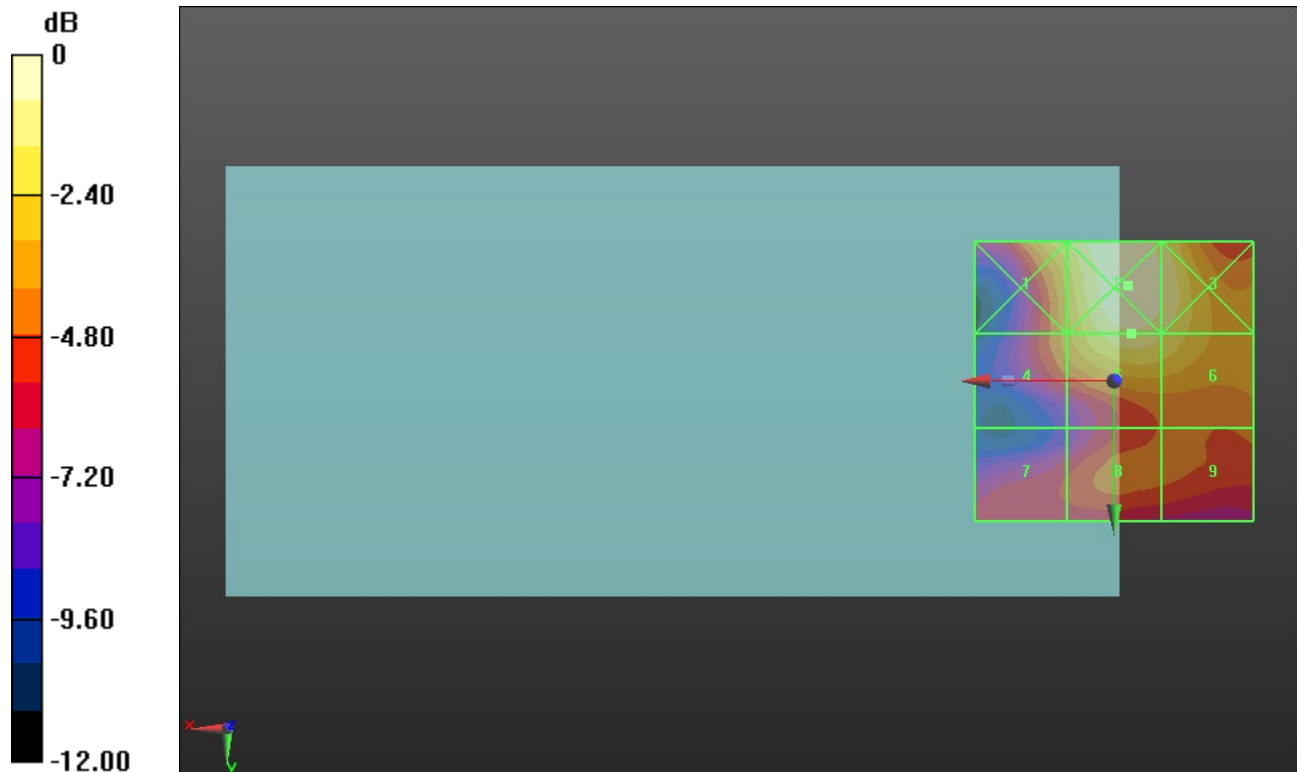
Applied MIF = -3.15 dB

RF audio interference level = 25.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.67 dBV/m</b>	Grid 2 <b>M4</b> <b>26.1 dBV/m</b>	Grid 3 <b>M4</b> <b>25.38 dBV/m</b>
Grid 4 <b>M4</b> <b>22.6 dBV/m</b>	Grid 5 <b>M4</b> <b>25.17 dBV/m</b>	Grid 6 <b>M4</b> <b>24.66 dBV/m</b>
Grid 7 <b>M4</b> <b>20.69 dBV/m</b>	Grid 8 <b>M4</b> <b>21.7 dBV/m</b>	Grid 9 <b>M4</b> <b>21.66 dBV/m</b>



0 dB = 20.19 V/m = 26.10 dBV/m

# ANT 6

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## 802.11a E-Field measurement/IEEE 802.11a\_OFDM 54 Mbps Ch. 165/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.19 V/m; Power Drift = 0.16 dB

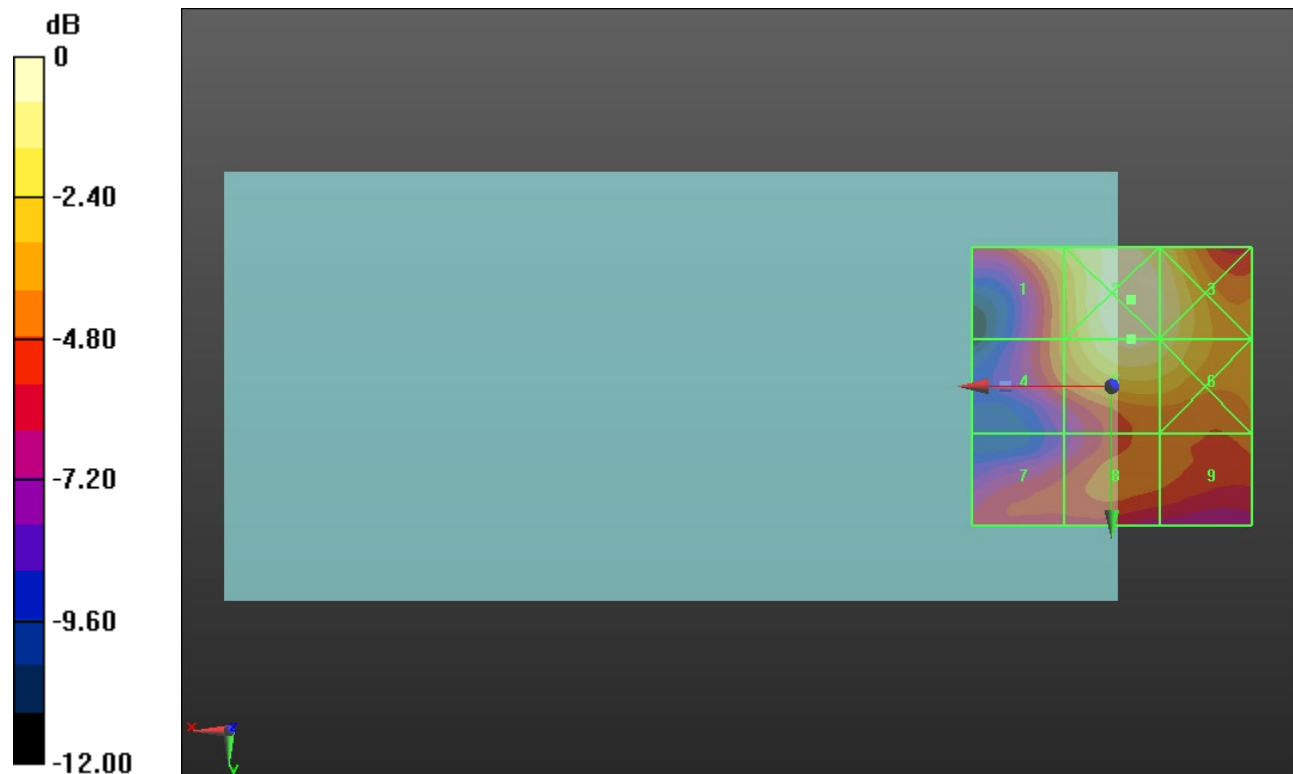
Applied MIF = -3.15 dB

RF audio interference level = 25.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.43 dBV/m</b>	Grid 2 <b>M4</b> <b>26.16 dBV/m</b>	Grid 3 <b>M4</b> <b>25.58 dBV/m</b>
Grid 4 <b>M4</b> <b>22.61 dBV/m</b>	Grid 5 <b>M4</b> <b>25.64 dBV/m</b>	Grid 6 <b>M4</b> <b>25.19 dBV/m</b>
Grid 7 <b>M4</b> <b>20.97 dBV/m</b>	Grid 8 <b>M4</b> <b>21.84 dBV/m</b>	Grid 9 <b>M4</b> <b>21.8 dBV/m</b>



0 dB = 20.32 V/m = 26.16 dBV/m

# ANT 7

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**55340/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.943 V/m; Power Drift = 0.04 dB

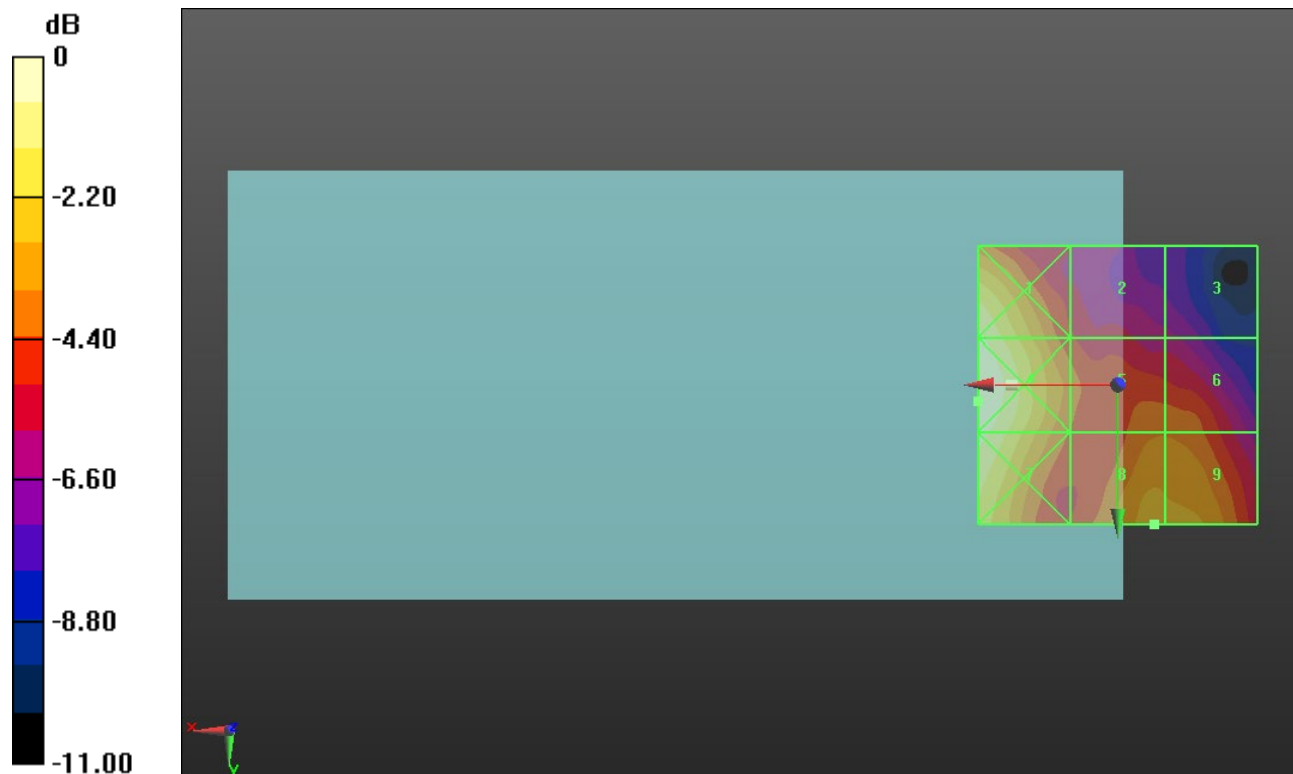
Applied MIF = -1.44 dB

RF audio interference level = 18.33 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>20.53 dBV/m</b>	<b>Grid 2 M4</b> <b>16.09 dBV/m</b>	<b>Grid 3 M4</b> <b>14.72 dBV/m</b>
<b>Grid 4 M4</b> <b>21.02 dBV/m</b>	<b>Grid 5 M4</b> <b>17.31 dBV/m</b>	<b>Grid 6 M4</b> <b>17.3 dBV/m</b>
<b>Grid 7 M4</b> <b>20.6 dBV/m</b>	<b>Grid 8 M4</b> <b>18.33 dBV/m</b>	<b>Grid 9 M4</b> <b>18.28 dBV/m</b>



0 dB = 11.25 V/m = 21.02 dBV/m

# ANT 7

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**55773/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.338 V/m; Power Drift = 0.02 dB

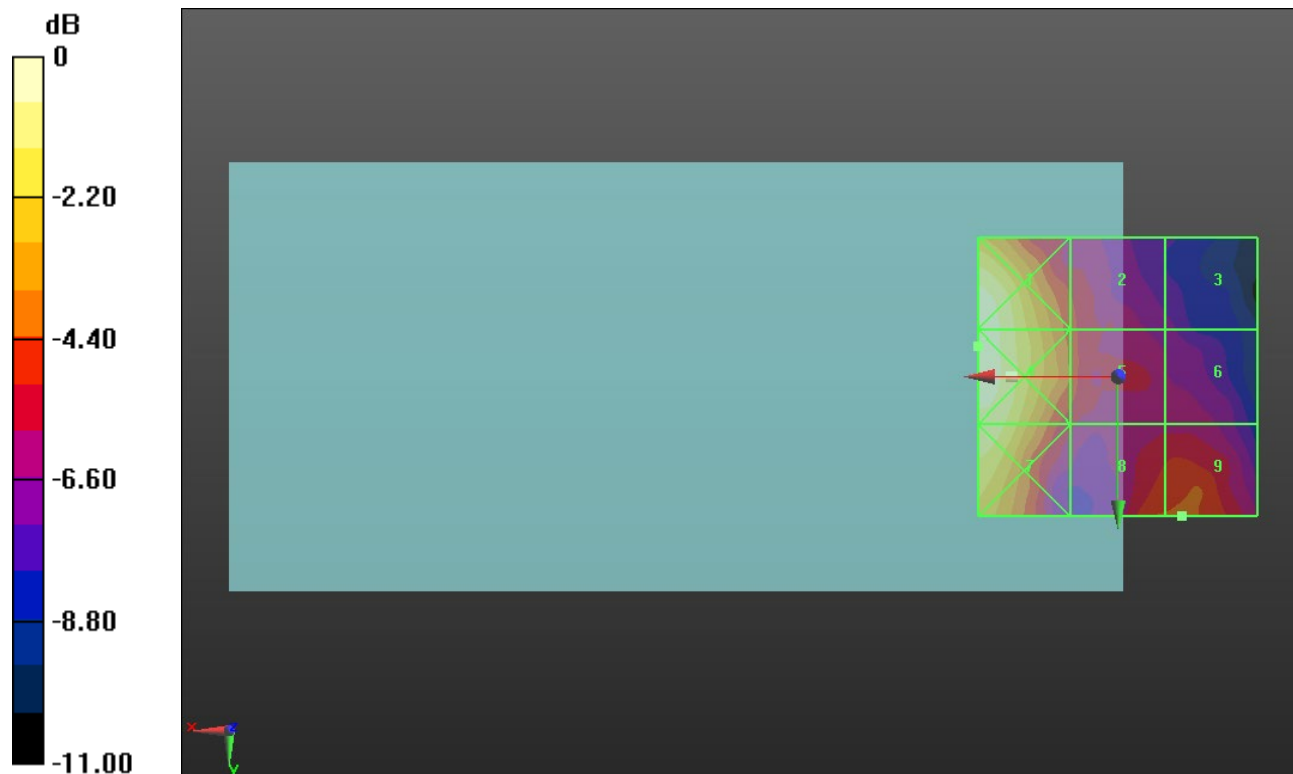
Applied MIF = -1.44 dB

RF audio interference level = 16.84 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.04 dBV/m</b>	Grid 2 <b>M4</b> <b>16.36 dBV/m</b>	Grid 3 <b>M4</b> <b>14.08 dBV/m</b>
Grid 4 <b>M4</b> <b>21.1 dBV/m</b>	Grid 5 <b>M4</b> <b>16.67 dBV/m</b>	Grid 6 <b>M4</b> <b>15.17 dBV/m</b>
Grid 7 <b>M4</b> <b>20.36 dBV/m</b>	Grid 8 <b>M4</b> <b>16.79 dBV/m</b>	Grid 9 <b>M4</b> <b>16.84 dBV/m</b>



0 dB = 11.35 V/m = 21.10 dBV/m

# ANT 7

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**56207/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.760 V/m; Power Drift = -0.39 dB

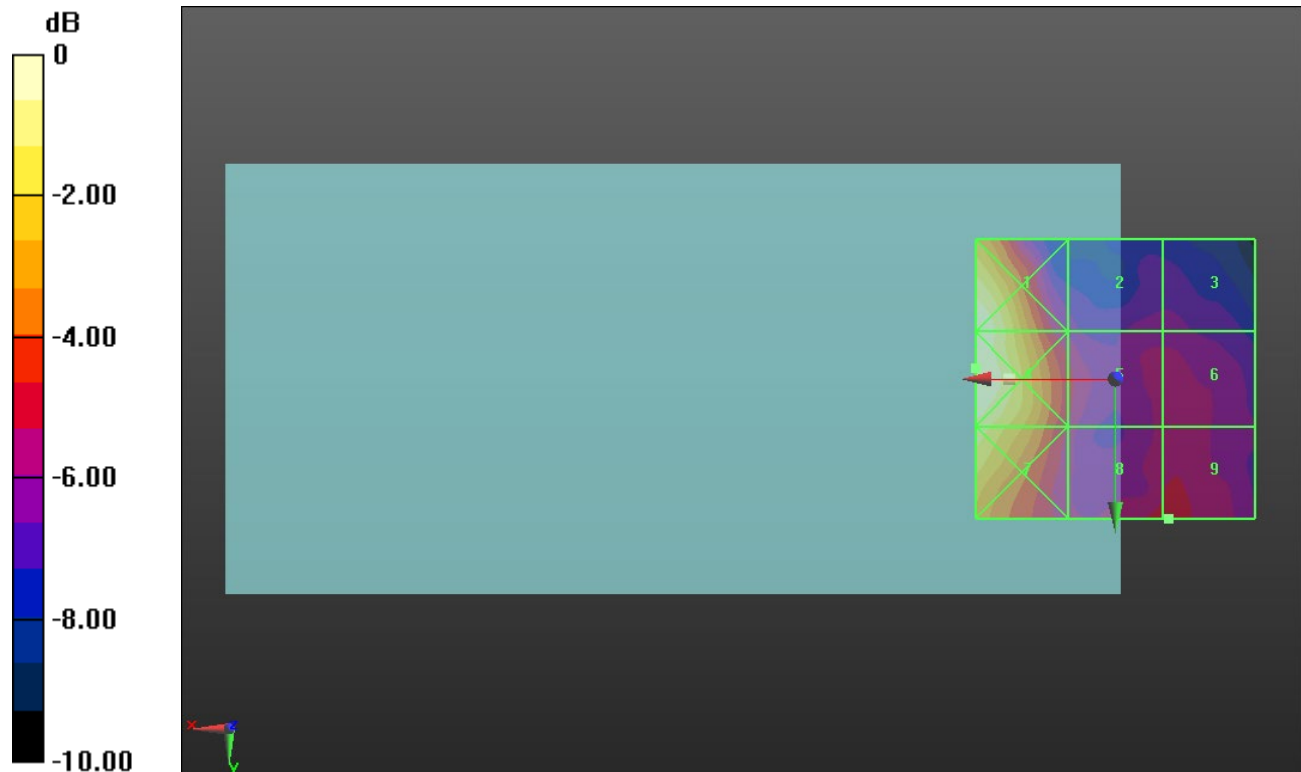
Applied MIF = -1.44 dB

RF audio interference level = 16.75 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.58 dBV/m</b>	Grid 2 <b>M4</b> <b>15.51 dBV/m</b>	Grid 3 <b>M4</b> <b>15.34 dBV/m</b>
Grid 4 <b>M4</b> <b>21.62 dBV/m</b>	Grid 5 <b>M4</b> <b>16.64 dBV/m</b>	Grid 6 <b>M4</b> <b>16.05 dBV/m</b>
Grid 7 <b>M4</b> <b>20.8 dBV/m</b>	Grid 8 <b>M4</b> <b>16.7 dBV/m</b>	Grid 9 <b>M4</b> <b>16.75 dBV/m</b>



0 dB = 12.05 V/m = 21.62 dBV/m

# ANT 7

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**56640/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.509 V/m; Power Drift = 0.31 dB

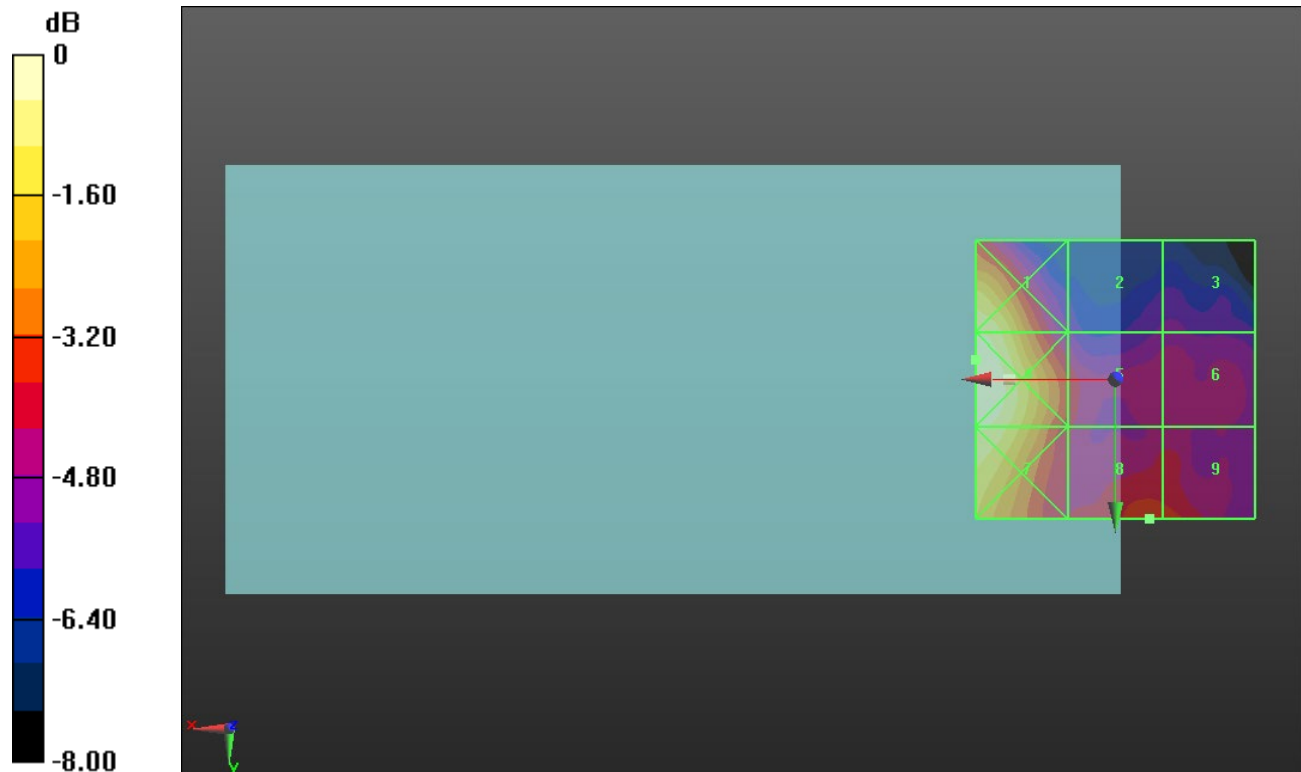
Applied MIF = -1.44 dB

RF audio interference level = 17.38 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.05 dBV/m</b>	Grid 2 <b>M4</b> <b>15.51 dBV/m</b>	Grid 3 <b>M4</b> <b>15.57 dBV/m</b>
Grid 4 <b>M4</b> <b>20.66 dBV/m</b>	Grid 5 <b>M4</b> <b>17.02 dBV/m</b>	Grid 6 <b>M4</b> <b>16.34 dBV/m</b>
Grid 7 <b>M4</b> <b>20.23 dBV/m</b>	Grid 8 <b>M4</b> <b>17.38 dBV/m</b>	Grid 9 <b>M4</b> <b>17.29 dBV/m</b>



0 dB = 10.79 V/m = 20.66 dBV/m

# ANT 8

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**55340/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 40.37 V/m; Power Drift = 0.17 dB

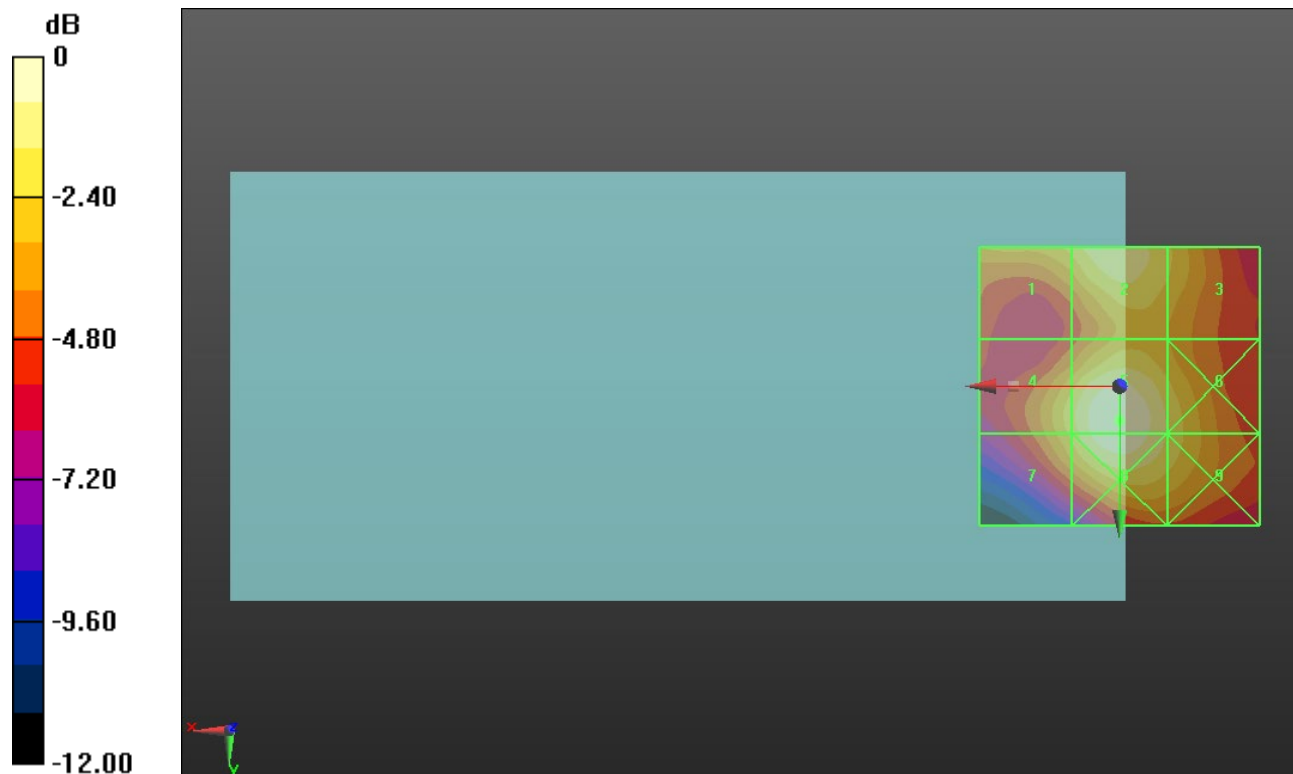
Applied MIF = -1.44 dB

RF audio interference level = 26.84 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.78 dBV/m</b>	Grid 2 <b>M4</b> <b>25.9 dBV/m</b>	Grid 3 <b>M4</b> <b>24.64 dBV/m</b>
Grid 4 <b>M4</b> <b>25.02 dBV/m</b>	Grid 5 <b>M4</b> <b>26.84 dBV/m</b>	Grid 6 <b>M4</b> <b>25.2 dBV/m</b>
Grid 7 <b>M4</b> <b>24.75 dBV/m</b>	Grid 8 <b>M4</b> <b>26.7 dBV/m</b>	Grid 9 <b>M4</b> <b>25.18 dBV/m</b>



0 dB = 21.97 V/m = 26.84 dBV/m

# ANT 8

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**55773/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.75 V/m; Power Drift = 0.03 dB

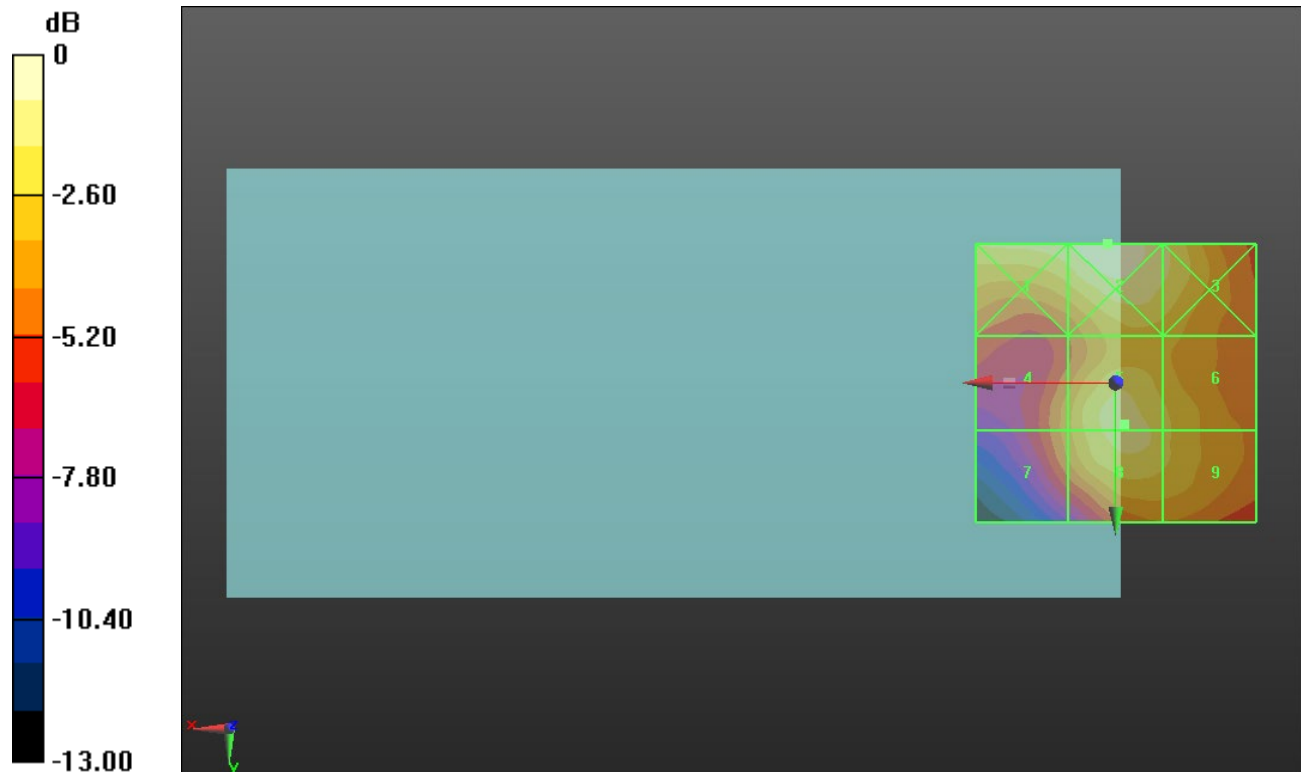
Applied MIF = -1.44 dB

RF audio interference level = 24.94 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.44 dBV/m</b>	Grid 2 <b>M4</b> <b>26.29 dBV/m</b>	Grid 3 <b>M4</b> <b>24.83 dBV/m</b>
Grid 4 <b>M4</b> <b>22.61 dBV/m</b>	Grid 5 <b>M4</b> <b>24.94 dBV/m</b>	Grid 6 <b>M4</b> <b>23.98 dBV/m</b>
Grid 7 <b>M4</b> <b>22.58 dBV/m</b>	Grid 8 <b>M4</b> <b>24.92 dBV/m</b>	Grid 9 <b>M4</b> <b>23.98 dBV/m</b>



0 dB = 20.62 V/m = 26.29 dBV/m



# ANT 8

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**56207/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.26 V/m; Power Drift = -0.06 dB

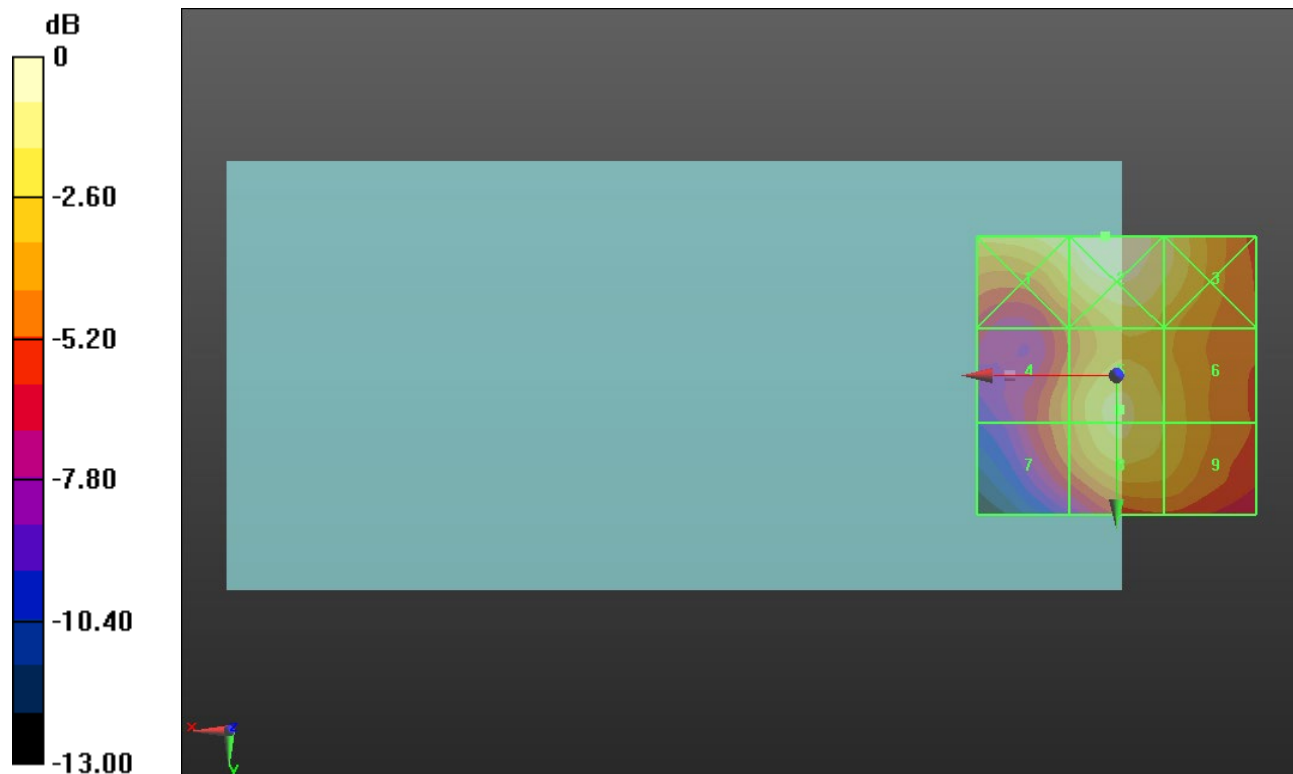
Applied MIF = -1.44 dB

RF audio interference level = 24.67 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.44 dBV/m</b>	Grid 2 <b>M4</b> <b>26.08 dBV/m</b>	Grid 3 <b>M4</b> <b>24.78 dBV/m</b>
Grid 4 <b>M4</b> <b>22.36 dBV/m</b>	Grid 5 <b>M4</b> <b>24.67 dBV/m</b>	Grid 6 <b>M4</b> <b>23.48 dBV/m</b>
Grid 7 <b>M4</b> <b>22.25 dBV/m</b>	Grid 8 <b>M4</b> <b>24.61 dBV/m</b>	Grid 9 <b>M4</b> <b>23.48 dBV/m</b>



0 dB = 20.14 V/m = 26.08 dBV/m

# ANT 8

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**56640/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.06 V/m; Power Drift = 0.02 dB

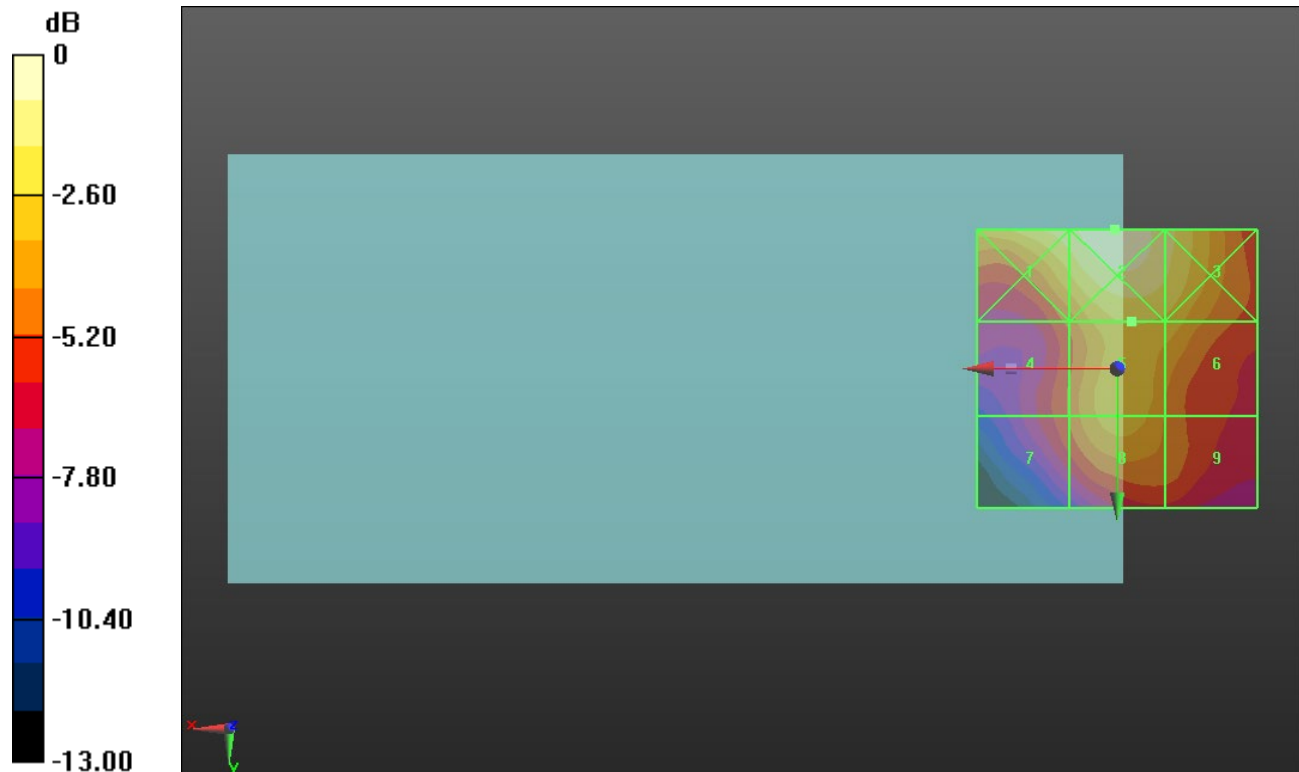
Applied MIF = -1.44 dB

RF audio interference level = 24.37 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.78 dBV/m</b>	Grid 2 <b>M4</b> <b>26.85 dBV/m</b>	Grid 3 <b>M4</b> <b>25.55 dBV/m</b>
Grid 4 <b>M4</b> <b>22.08 dBV/m</b>	Grid 5 <b>M4</b> <b>24.37 dBV/m</b>	Grid 6 <b>M4</b> <b>24.06 dBV/m</b>
Grid 7 <b>M4</b> <b>21.84 dBV/m</b>	Grid 8 <b>M4</b> <b>23.92 dBV/m</b>	Grid 9 <b>M4</b> <b>22.51 dBV/m</b>



0 dB = 22.01 V/m = 26.85 dBV/m

# ANT 9

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**55340/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.709 V/m; Power Drift = -0.20 dB

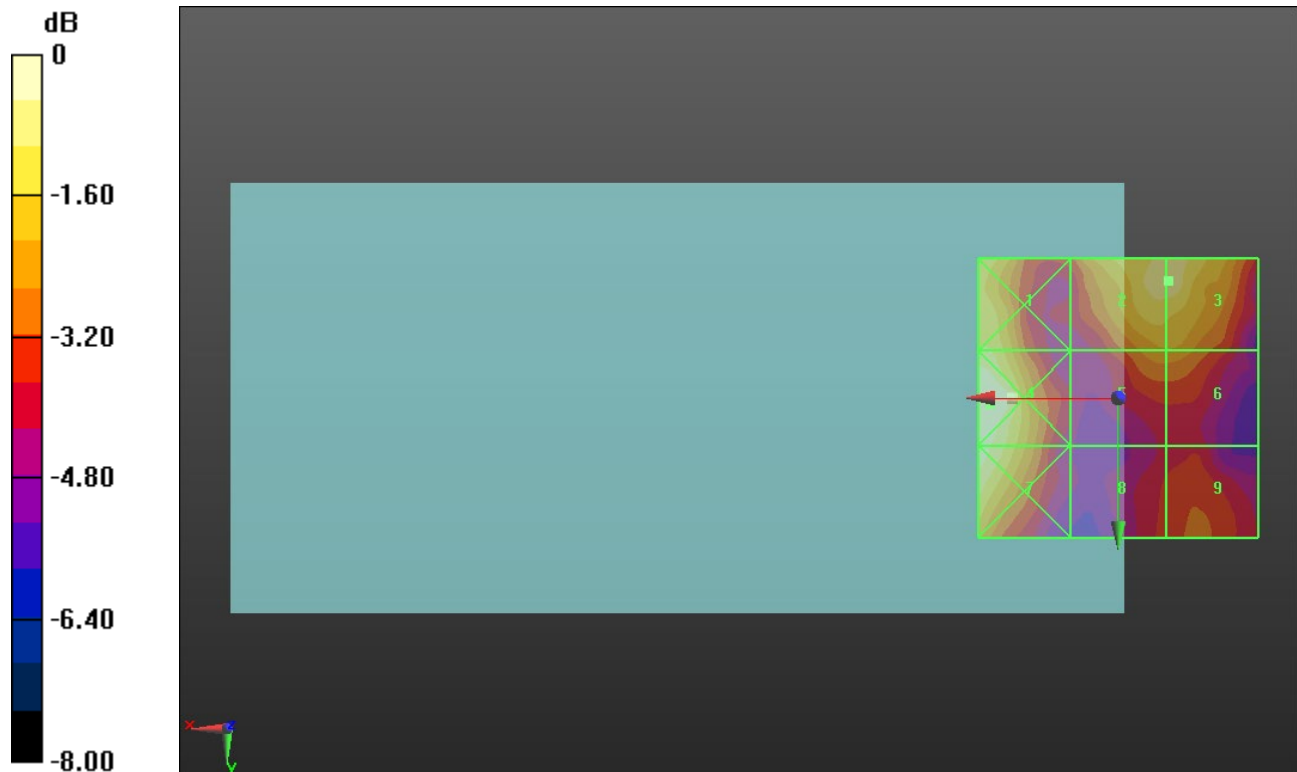
Applied MIF = -1.44 dB

RF audio interference level = 18.15 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>17.93 dBV/m</b>	<b>Grid 2 M4</b> <b>18.14 dBV/m</b>	<b>Grid 3 M4</b> <b>18.15 dBV/m</b>
<b>Grid 4 M4</b> <b>18.9 dBV/m</b>	<b>Grid 5 M4</b> <b>16.7 dBV/m</b>	<b>Grid 6 M4</b> <b>16.71 dBV/m</b>
<b>Grid 7 M4</b> <b>18.67 dBV/m</b>	<b>Grid 8 M4</b> <b>15.39 dBV/m</b>	<b>Grid 9 M4</b> <b>15.84 dBV/m</b>



0 dB = 8.809 V/m = 18.90 dBV/m

### ANT 9

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**55773/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.553 V/m; Power Drift = 0.48 dB

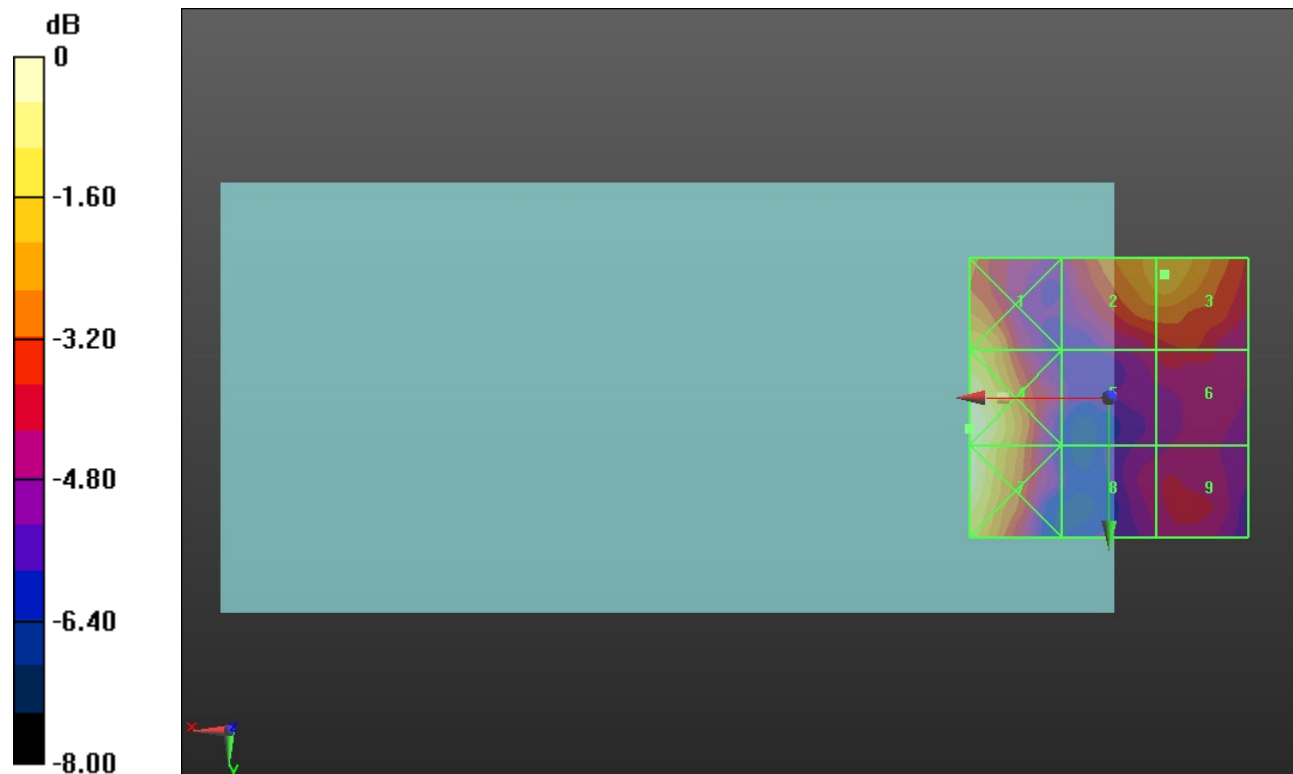
Applied MIF = -1.44 dB

RF audio interference level = 17.24 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>17.43 dBV/m</b>	<b>Grid 2 M4</b> <b>17.16 dBV/m</b>	<b>Grid 3 M4</b> <b>17.24 dBV/m</b>
<b>Grid 4 M4</b> <b>19 dBV/m</b>	<b>Grid 5 M4</b> <b>14.9 dBV/m</b>	<b>Grid 6 M4</b> <b>15.24 dBV/m</b>
<b>Grid 7 M4</b> <b>18.9 dBV/m</b>	<b>Grid 8 M4</b> <b>14.66 dBV/m</b>	<b>Grid 9 M4</b> <b>14.94 dBV/m</b>



0 dB = 8.911 V/m = 19.00 dBV/m

# ANT 9

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**56207/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.373 V/m; Power Drift = 0.31 dB

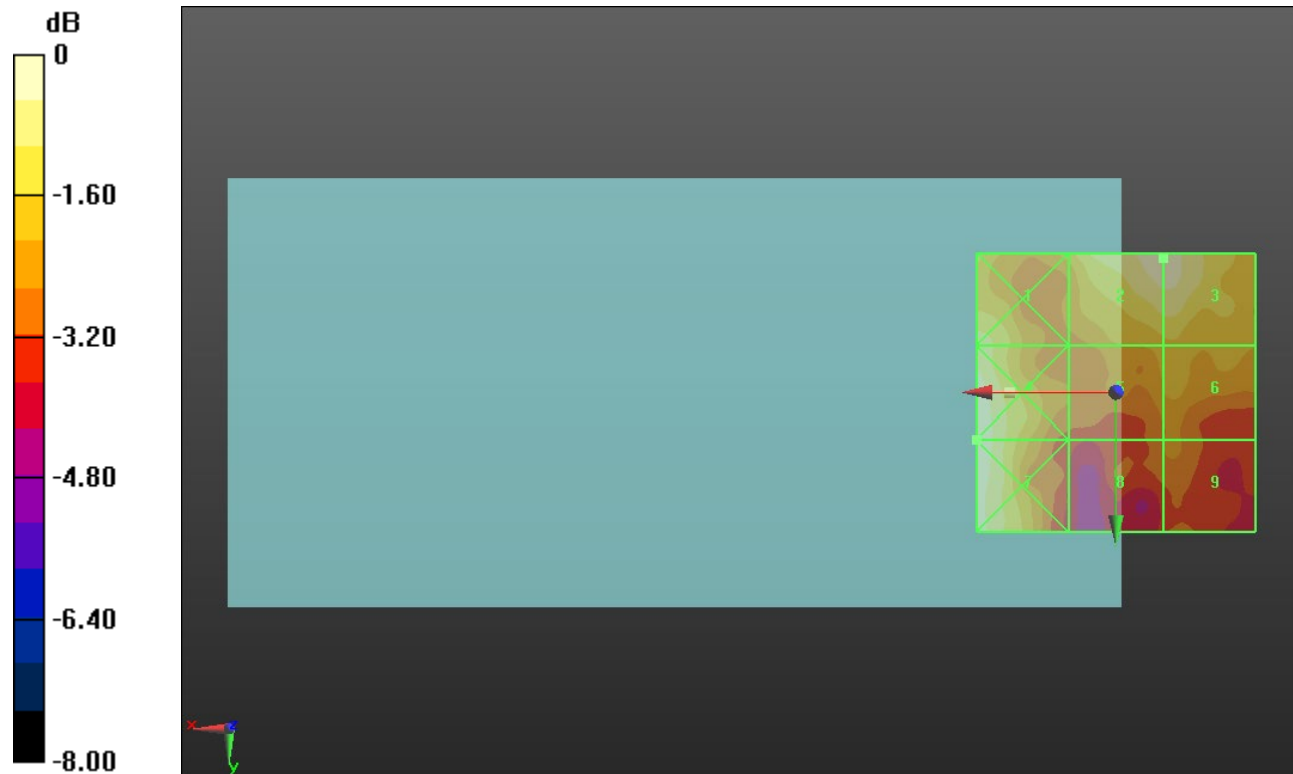
Applied MIF = -1.44 dB

RF audio interference level = 15.71 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>15.26 dBV/m</b>	Grid 2 <b>M4</b> <b>15.71 dBV/m</b>	Grid 3 <b>M4</b> <b>15.71 dBV/m</b>
Grid 4 <b>M4</b> <b>16.04 dBV/m</b>	Grid 5 <b>M4</b> <b>14.29 dBV/m</b>	Grid 6 <b>M4</b> <b>14.36 dBV/m</b>
Grid 7 <b>M4</b> <b>16.04 dBV/m</b>	Grid 8 <b>M4</b> <b>13.39 dBV/m</b>	Grid 9 <b>M4</b> <b>13.52 dBV/m</b>



0 dB = 6.337 V/m = 16.04 dBV/m

# ANT 9

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

## LTE Band 48\_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch.

**56640/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.342 V/m; Power Drift = -0.04 dB

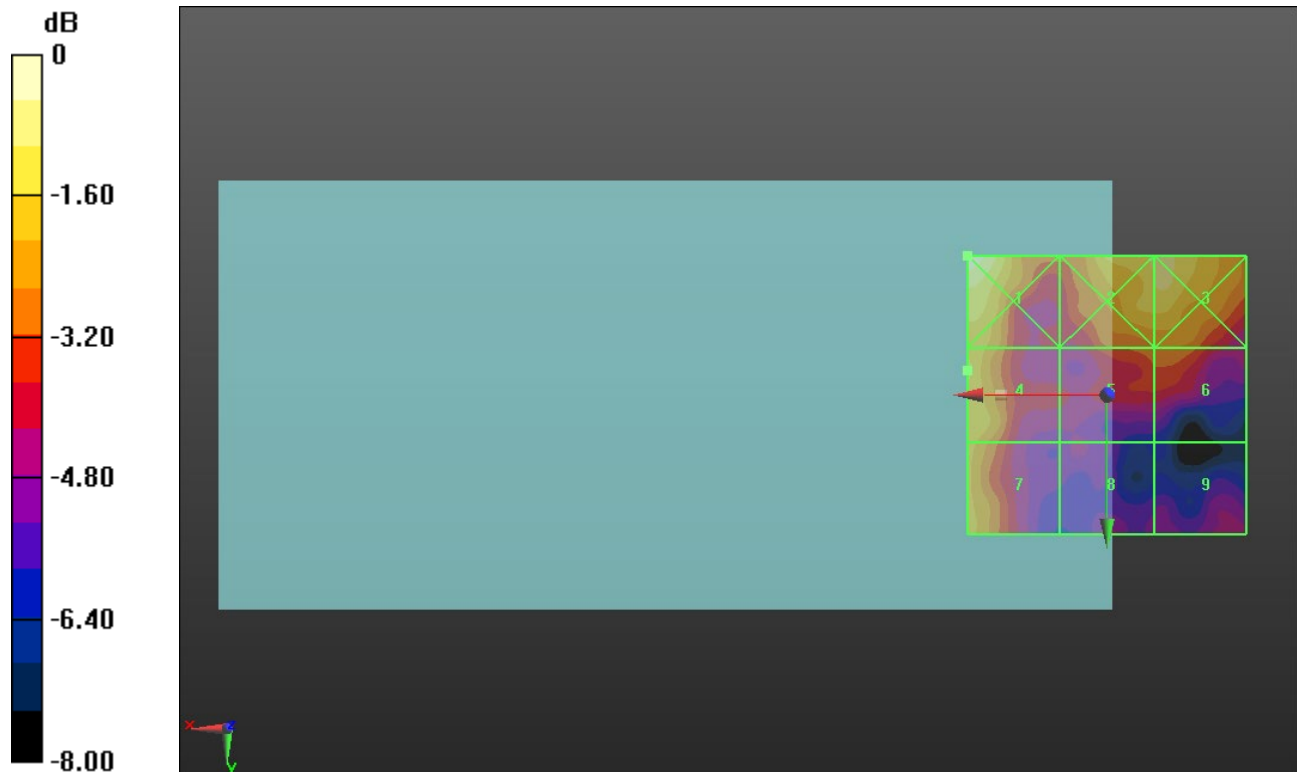
Applied MIF = -1.44 dB

RF audio interference level = 14.69 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>16.14 dBV/m</b>	<b>Grid 2 M4</b> <b>15.24 dBV/m</b>	<b>Grid 3 M4</b> <b>15.27 dBV/m</b>
<b>Grid 4 M4</b> <b>14.69 dBV/m</b>	<b>Grid 5 M4</b> <b>13.42 dBV/m</b>	<b>Grid 6 M4</b> <b>13.48 dBV/m</b>
<b>Grid 7 M4</b> <b>14.34 dBV/m</b>	<b>Grid 8 M4</b> <b>11.61 dBV/m</b>	<b>Grid 9 M4</b> <b>11.66 dBV/m</b>



0 dB = 6.415 V/m = 16.14 dBV/m