

# ANT 1

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 = 28.04 V/m; Power Drift = 0.05 dB

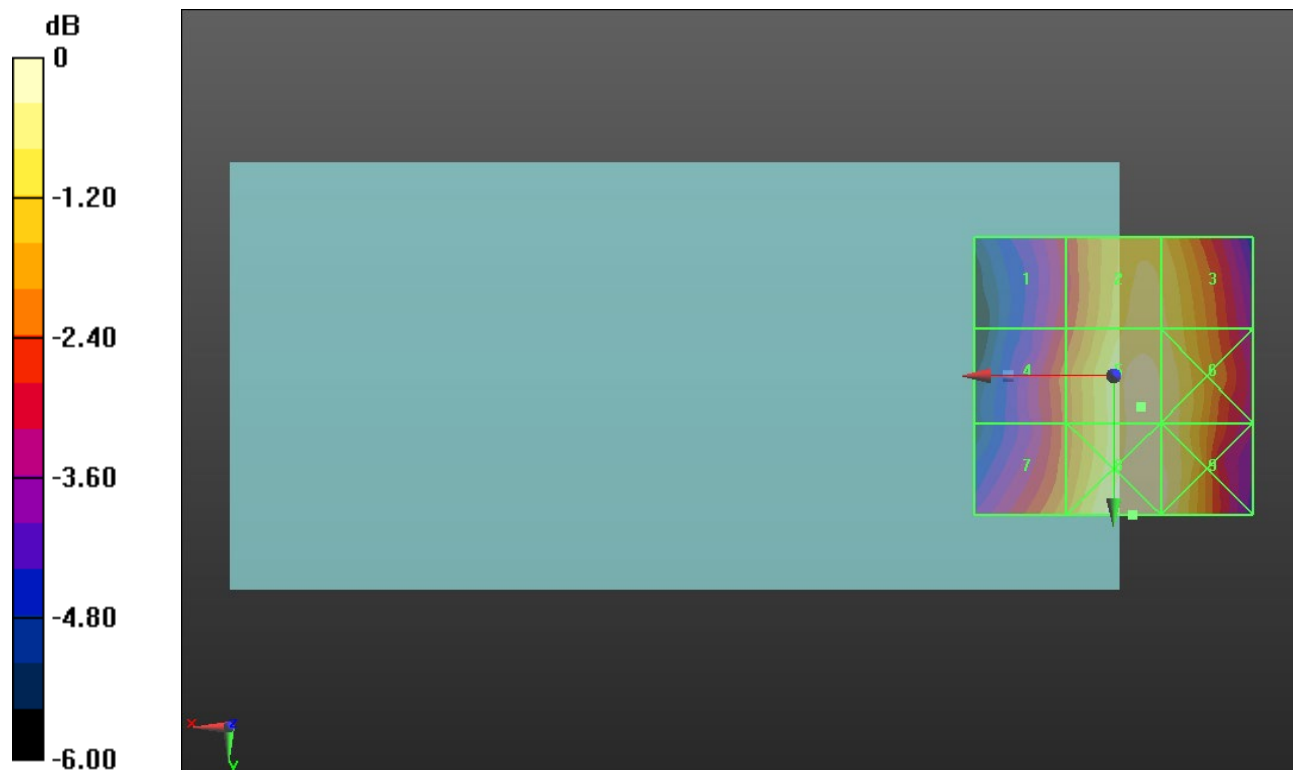
Applied MIF = 3.63 dB

RF audio interference level = 30.42 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.95 dBV/m</b>	Grid 2 <b>M4</b> <b>30.11 dBV/m</b>	Grid 3 <b>M4</b> <b>29.98 dBV/m</b>
Grid 4 <b>M4</b> <b>28.53 dBV/m</b>	Grid 5 <b>M4</b> <b>30.42 dBV/m</b>	Grid 6 <b>M4</b> <b>30.28 dBV/m</b>
Grid 7 <b>M4</b> <b>29.06 dBV/m</b>	Grid 8 <b>M4</b> <b>30.65 dBV/m</b>	Grid 9 <b>M4</b> <b>30.4 dBV/m</b>



0 dB = 34.10 V/m = 30.66 dBV/m

# ANT 1

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 = 21.08 V/m; Power Drift = 0.36 dB

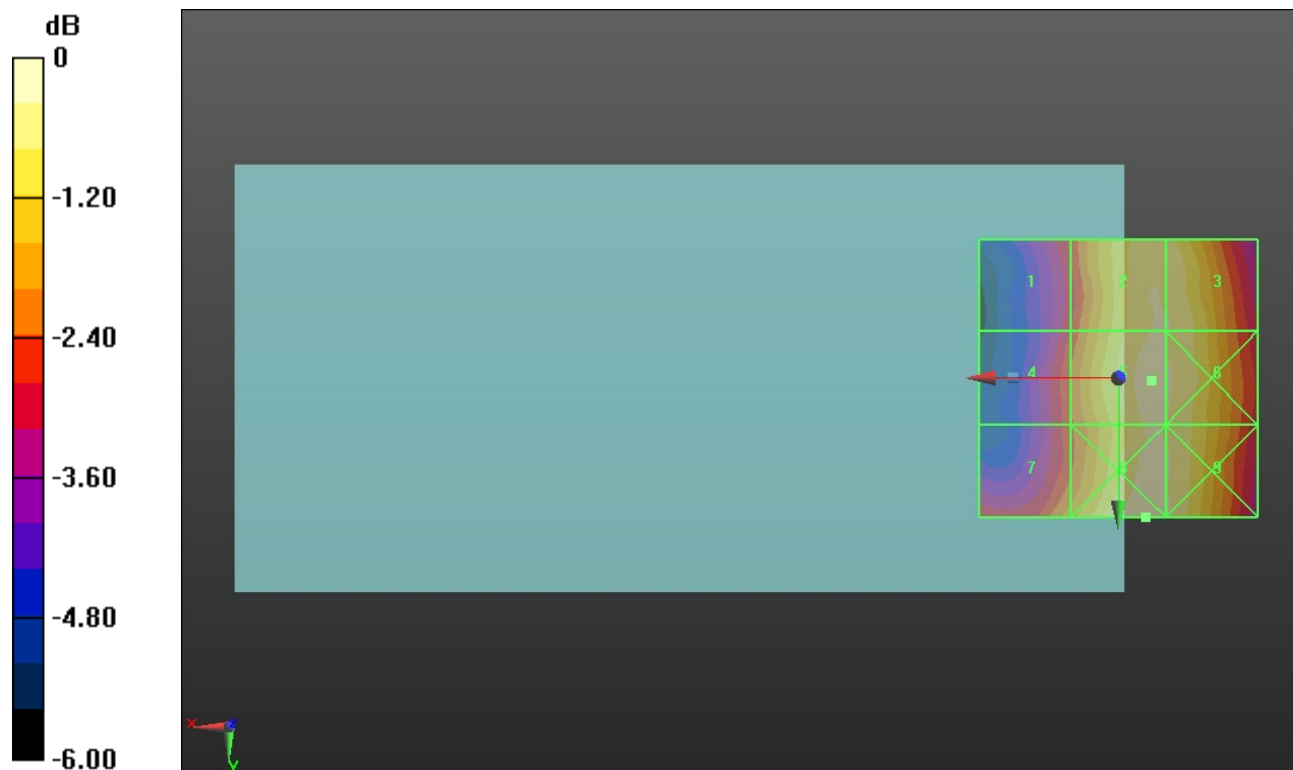
Applied MIF = 3.63 dB

RF audio interference level = 27.21 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.83 dBV/m</b>	Grid 2 <b>M4</b> <b>27.1 dBV/m</b>	Grid 3 <b>M4</b> <b>27.09 dBV/m</b>
Grid 4 <b>M4</b> <b>25.14 dBV/m</b>	Grid 5 <b>M4</b> <b>27.21 dBV/m</b>	Grid 6 <b>M4</b> <b>27.14 dBV/m</b>
Grid 7 <b>M4</b> <b>25.75 dBV/m</b>	Grid 8 <b>M4</b> <b>27.46 dBV/m</b>	Grid 9 <b>M4</b> <b>27.21 dBV/m</b>



0 dB = 23.61 V/m = 27.46 dBV/m

# ANT 1

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 = 19.50 V/m; Power Drift = -0.09 dB

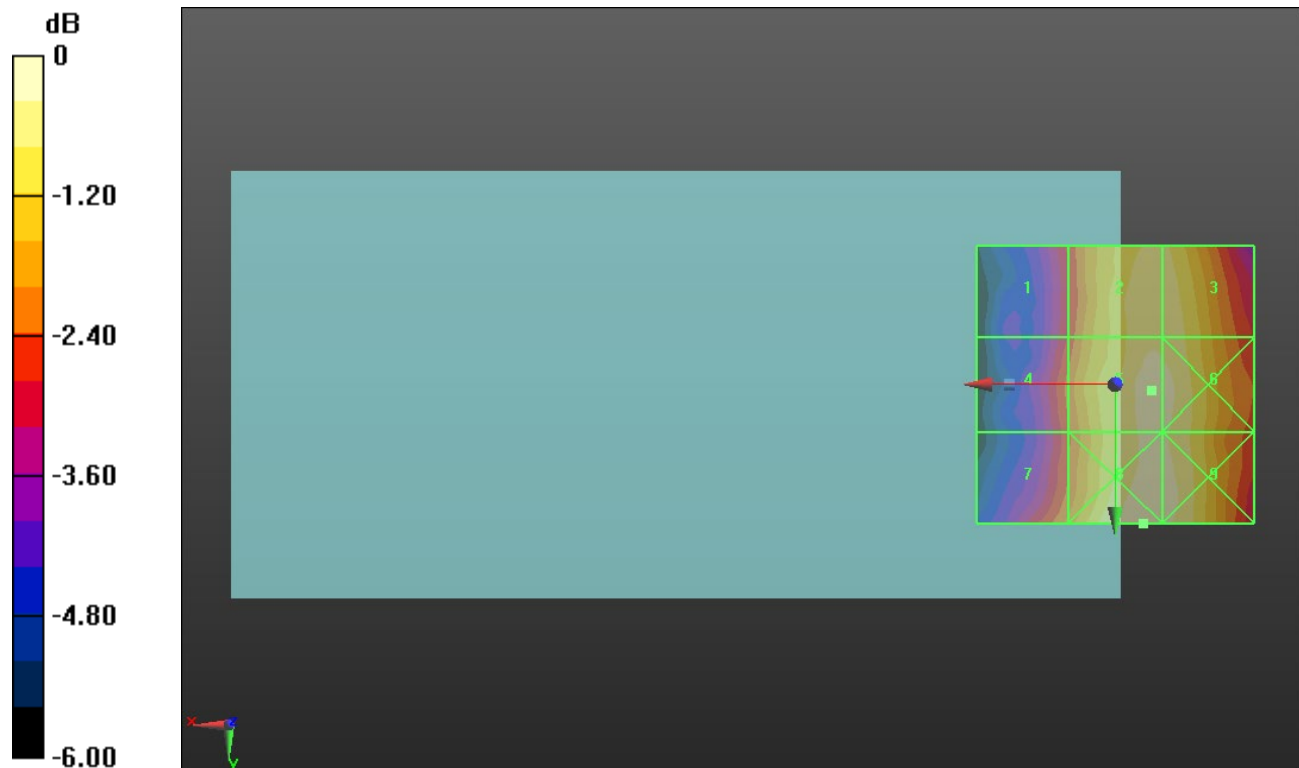
Applied MIF = 3.63 dB

RF audio interference level = 27.36 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.9 dBV/m</b>	Grid 2 <b>M4</b> <b>27.13 dBV/m</b>	Grid 3 <b>M4</b> <b>27.11 dBV/m</b>
Grid 4 <b>M4</b> <b>25.32 dBV/m</b>	Grid 5 <b>M4</b> <b>27.36 dBV/m</b>	Grid 6 <b>M4</b> <b>27.32 dBV/m</b>
Grid 7 <b>M4</b> <b>25.73 dBV/m</b>	Grid 8 <b>M4</b> <b>27.58 dBV/m</b>	Grid 9 <b>M4</b> <b>27.4 dBV/m</b>



0 dB = 23.94 V/m = 27.58 dBV/m

# ANT 1

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 = 18.00 V/m; Power Drift = 0.25 dB

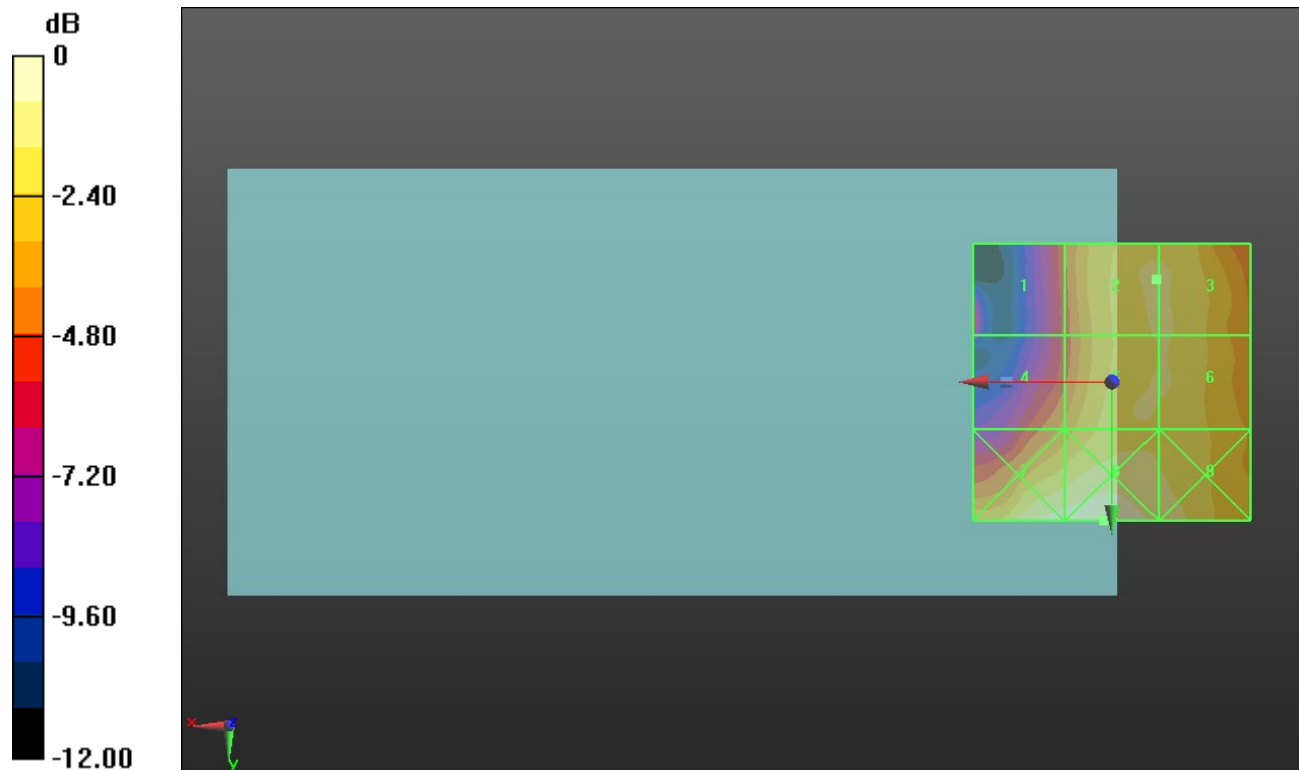
Applied MIF = 3.63 dB

RF audio interference level = 27.76 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.36 dBV/m</b>	Grid 2 <b>M4</b> <b>27.76 dBV/m</b>	Grid 3 <b>M4</b> <b>27.75 dBV/m</b>
Grid 4 <b>M4</b> <b>25.61 dBV/m</b>	Grid 5 <b>M4</b> <b>27.75 dBV/m</b>	Grid 6 <b>M4</b> <b>27.71 dBV/m</b>
Grid 7 <b>M4</b> <b>28.91 dBV/m</b>	Grid 8 <b>M4</b> <b>29.24 dBV/m</b>	Grid 9 <b>M4</b> <b>28.23 dBV/m</b>



0 dB = 28.99 V/m = 29.24 dBV/m

# ANT 1

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 = 20.72 V/m; Power Drift = -0.06 dB

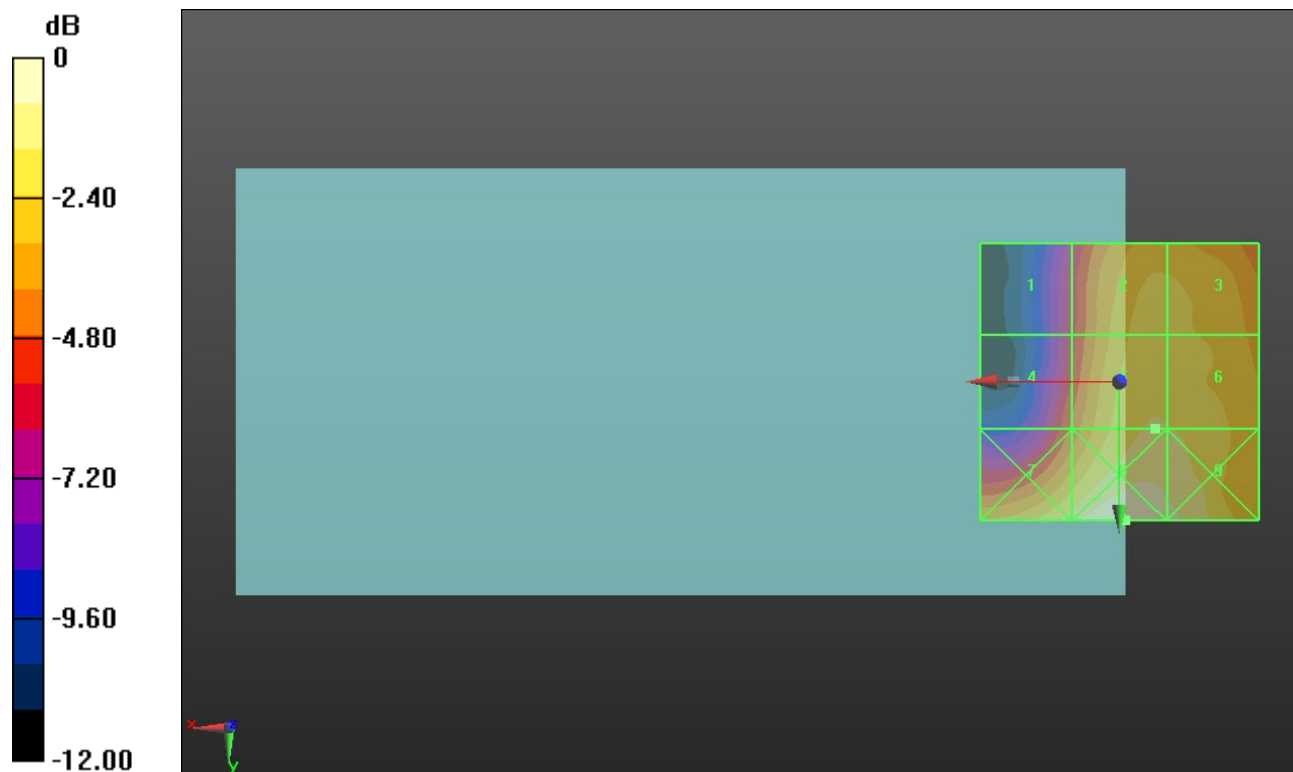
Applied MIF = 3.63 dB

RF audio interference level = 28.08 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.71 dBV/m</b>	Grid 2 <b>M4</b> <b>27.66 dBV/m</b>	Grid 3 <b>M4</b> <b>27.62 dBV/m</b>
Grid 4 <b>M4</b> <b>25.05 dBV/m</b>	Grid 5 <b>M4</b> <b>28.08 dBV/m</b>	Grid 6 <b>M4</b> <b>28.05 dBV/m</b>
Grid 7 <b>M4</b> <b>28.44 dBV/m</b>	Grid 8 <b>M4</b> <b>29.59 dBV/m</b>	Grid 9 <b>M4</b> <b>29.11 dBV/m</b>



0 dB = 30.17 V/m = 29.59 dBV/m

# ANT 1

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 = 18.85 V/m; Power Drift = 0.20 dB

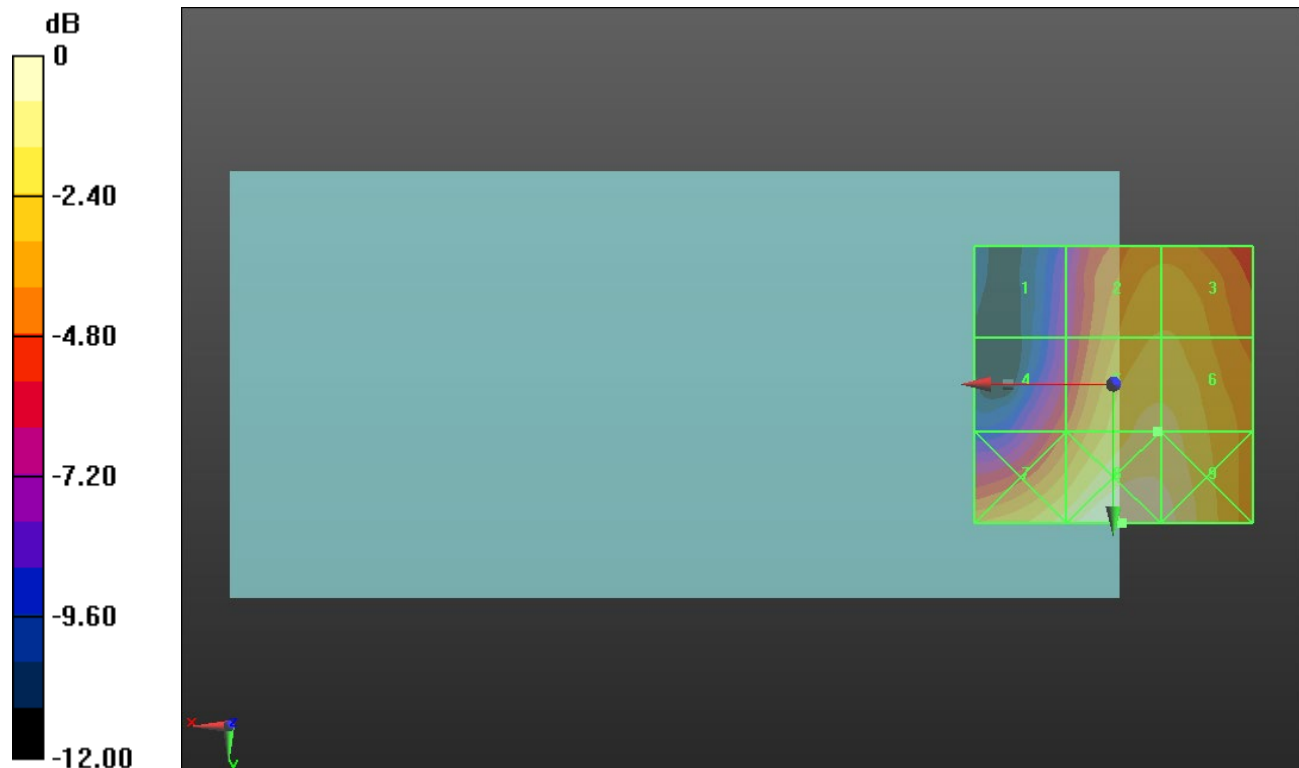
Applied MIF = 3.63 dB

RF audio interference level = 28.44 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.84 dBV/m</b>	Grid 2 <b>M4</b> <b>27.44 dBV/m</b>	Grid 3 <b>M4</b> <b>27.44 dBV/m</b>
Grid 4 <b>M4</b> <b>25.16 dBV/m</b>	Grid 5 <b>M4</b> <b>28.44 dBV/m</b>	Grid 6 <b>M4</b> <b>28.44 dBV/m</b>
Grid 7 <b>M4</b> <b>28.64 dBV/m</b>	Grid 8 <b>M4</b> <b>29.77 dBV/m</b>	Grid 9 <b>M4</b> <b>29.38 dBV/m</b>



0 dB = 30.78 V/m = 29.77 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 = 8.598 V/m; Power Drift = 0.10 dB

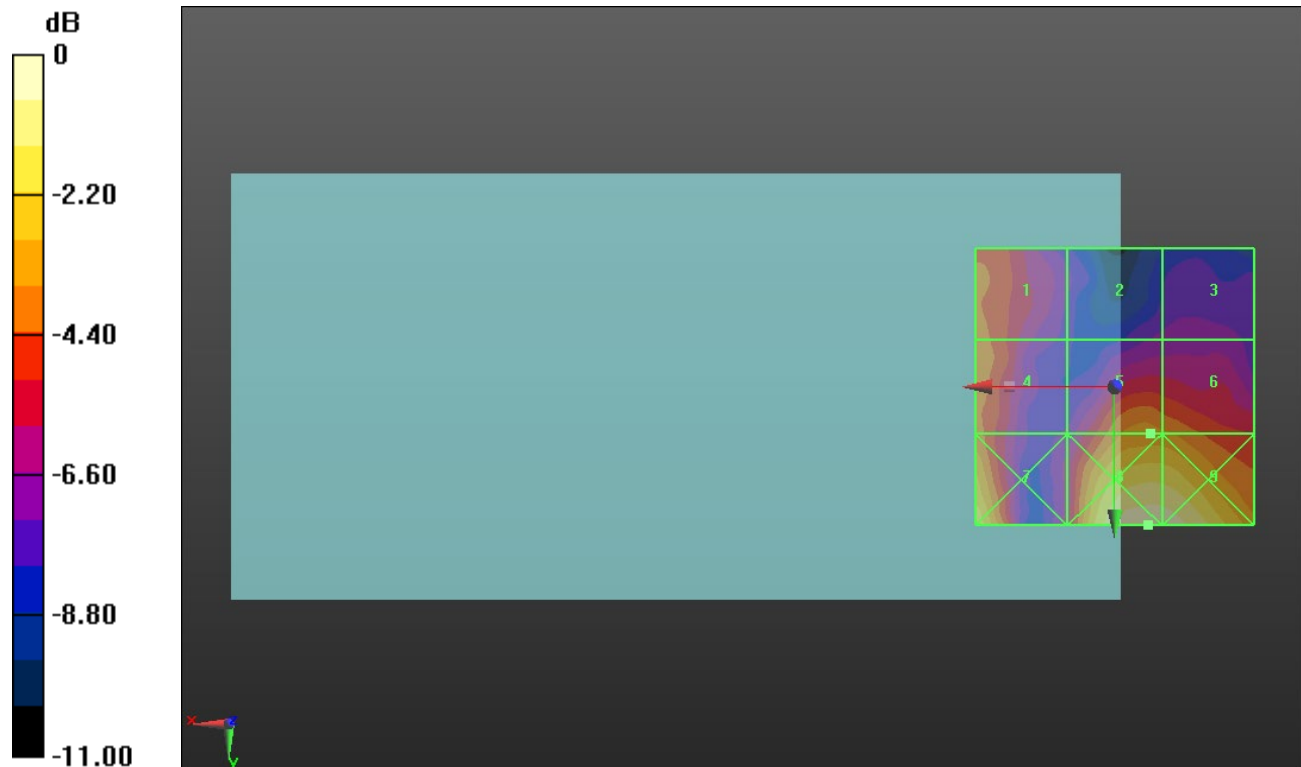
Applied MIF = -1.44 dB

RF audio interference level = 18.30 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.54 dBV/m</b>	Grid 2 <b>M4</b> <b>14.6 dBV/m</b>	Grid 3 <b>M4</b> <b>14.84 dBV/m</b>
Grid 4 <b>M4</b> <b>17.83 dBV/m</b>	Grid 5 <b>M4</b> <b>18.3 dBV/m</b>	Grid 6 <b>M4</b> <b>18.19 dBV/m</b>
Grid 7 <b>M4</b> <b>20.41 dBV/m</b>	Grid 8 <b>M4</b> <b>21.64 dBV/m</b>	Grid 9 <b>M4</b> <b>21.43 dBV/m</b>



0 dB = 12.08 V/m = 21.64 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 = 6.353 V/m; Power Drift = 0.03 dB

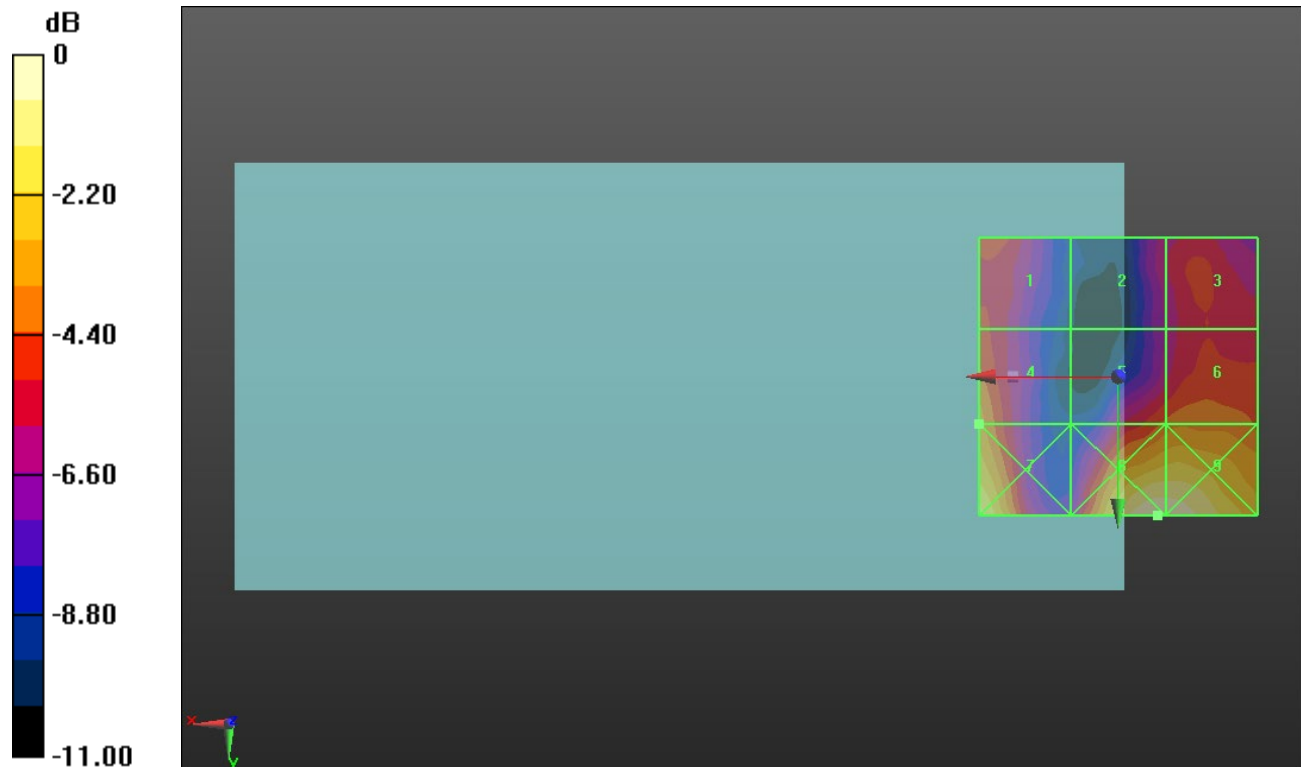
Applied MIF = -1.44 dB

RF audio interference level = 18.40 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.04 dBV/m</b>	Grid 2 <b>M4</b> <b>15.7 dBV/m</b>	Grid 3 <b>M4</b> <b>16.76 dBV/m</b>
Grid 4 <b>M4</b> <b>18.4 dBV/m</b>	Grid 5 <b>M4</b> <b>17.54 dBV/m</b>	Grid 6 <b>M4</b> <b>17.93 dBV/m</b>
Grid 7 <b>M4</b> <b>20.61 dBV/m</b>	Grid 8 <b>M4</b> <b>21.69 dBV/m</b>	Grid 9 <b>M4</b> <b>21.6 dBV/m</b>



0 dB = 12.14 V/m = 21.68 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 = 6.052 V/m; Power Drift = 0.29 dB

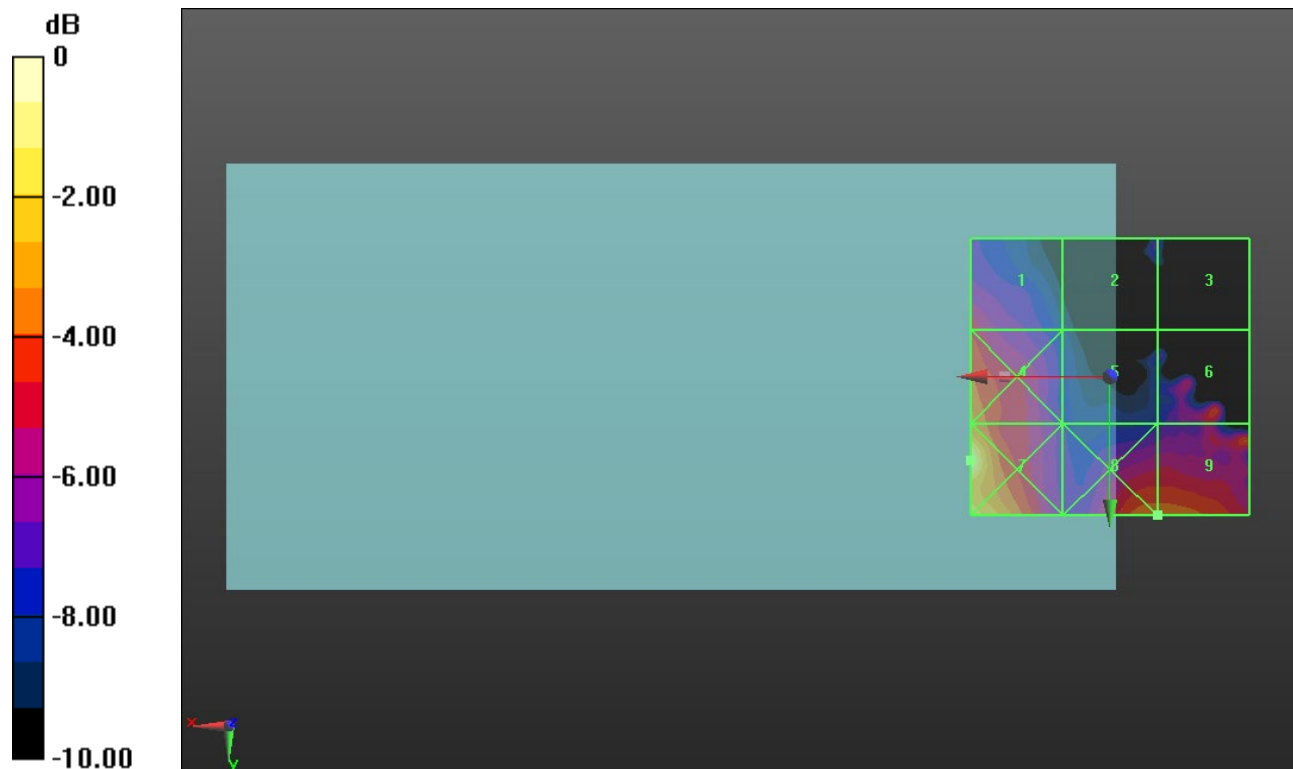
Applied MIF = -1.44 dB

RF audio interference level = 20.63 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.35 dBV/m</b>	Grid 2 <b>M4</b> <b>17.18 dBV/m</b>	Grid 3 <b>M4</b> <b>17.18 dBV/m</b>
Grid 4 <b>M4</b> <b>21.17 dBV/m</b>	Grid 5 <b>M4</b> <b>17.09 dBV/m</b>	Grid 6 <b>M4</b> <b>20.04 dBV/m</b>
Grid 7 <b>M4</b> <b>24.15 dBV/m</b>	Grid 8 <b>M4</b> <b>20.66 dBV/m</b>	Grid 9 <b>M4</b> <b>20.63 dBV/m</b>



0 dB = 16.13 V/m = 24.15 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 = 7.253 V/m; Power Drift = -0.34 dB

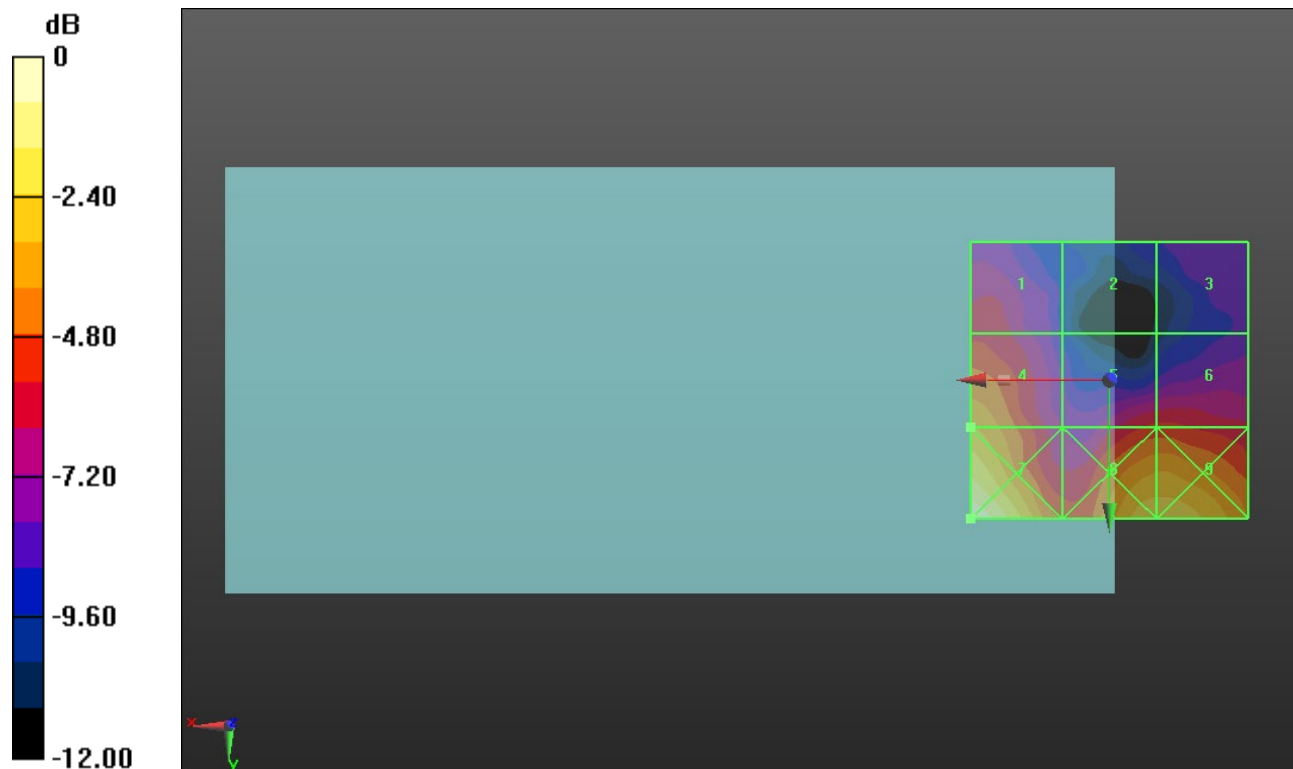
Applied MIF = -1.44 dB

RF audio interference level = 20.24 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.63 dBV/m</b>	Grid 2 <b>M4</b> <b>14.54 dBV/m</b>	Grid 3 <b>M4</b> <b>15.19 dBV/m</b>
Grid 4 <b>M4</b> <b>20.24 dBV/m</b>	Grid 5 <b>M4</b> <b>17.98 dBV/m</b>	Grid 6 <b>M4</b> <b>18.01 dBV/m</b>
Grid 7 <b>M4</b> <b>23.35 dBV/m</b>	Grid 8 <b>M4</b> <b>21.68 dBV/m</b>	Grid 9 <b>M4</b> <b>21.72 dBV/m</b>



0 dB = 14.70 V/m = 23.35 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 = 10.13 V/m; Power Drift = 0.04 dB

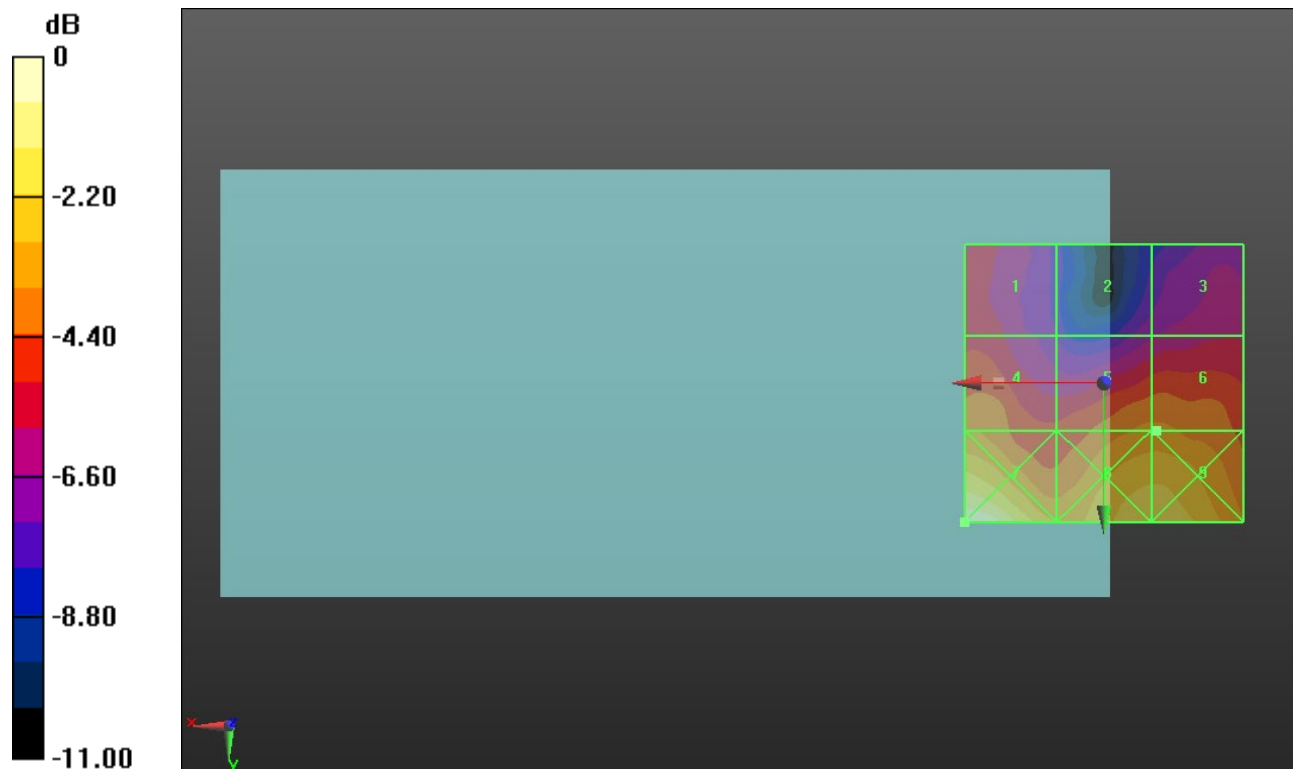
Applied MIF = -1.44 dB

RF audio interference level = 19.53 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.63 dBV/m</b>	Grid 2 <b>M4</b> <b>16.26 dBV/m</b>	Grid 3 <b>M4</b> <b>17.06 dBV/m</b>
Grid 4 <b>M4</b> <b>19.32 dBV/m</b>	Grid 5 <b>M4</b> <b>19.52 dBV/m</b>	Grid 6 <b>M4</b> <b>19.53 dBV/m</b>
Grid 7 <b>M4</b> <b>22.96 dBV/m</b>	Grid 8 <b>M4</b> <b>21.44 dBV/m</b>	Grid 9 <b>M4</b> <b>21.45 dBV/m</b>



0 dB = 14.05 V/m = 22.95 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 = 12.77 V/m; Power Drift = -0.33 dB

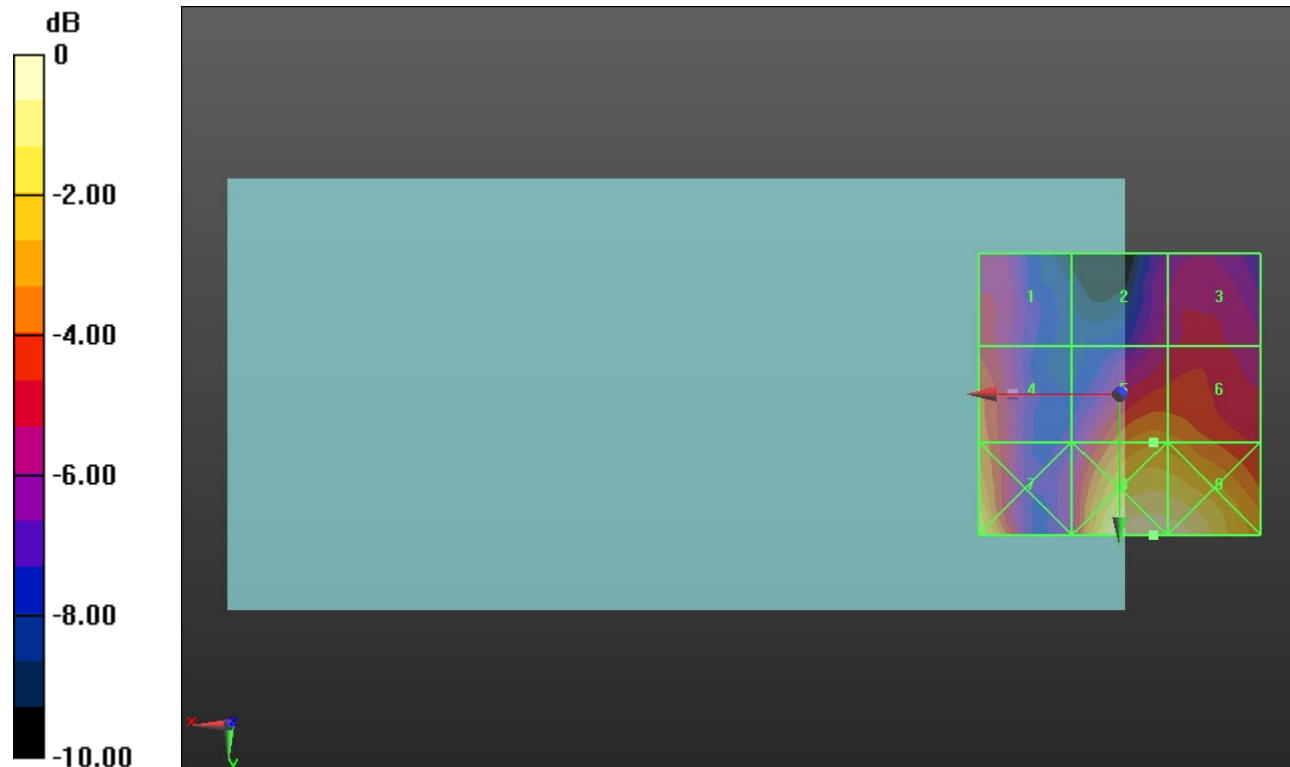
Applied MIF = -1.44 dB

RF audio interference level = 21.72 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.68 dBV/m</b>	Grid 2 <b>M4</b> <b>19.04 dBV/m</b>	Grid 3 <b>M4</b> <b>19.74 dBV/m</b>
Grid 4 <b>M4</b> <b>20.99 dBV/m</b>	Grid 5 <b>M4</b> <b>21.72 dBV/m</b>	Grid 6 <b>M4</b> <b>21.52 dBV/m</b>
Grid 7 <b>M4</b> <b>23.65 dBV/m</b>	Grid 8 <b>M4</b> <b>24.53 dBV/m</b>	Grid 9 <b>M4</b> <b>24.41 dBV/m</b>



0 dB = 16.85 V/m = 24.53 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 = 7.759 V/m; Power Drift = -0.17 dB

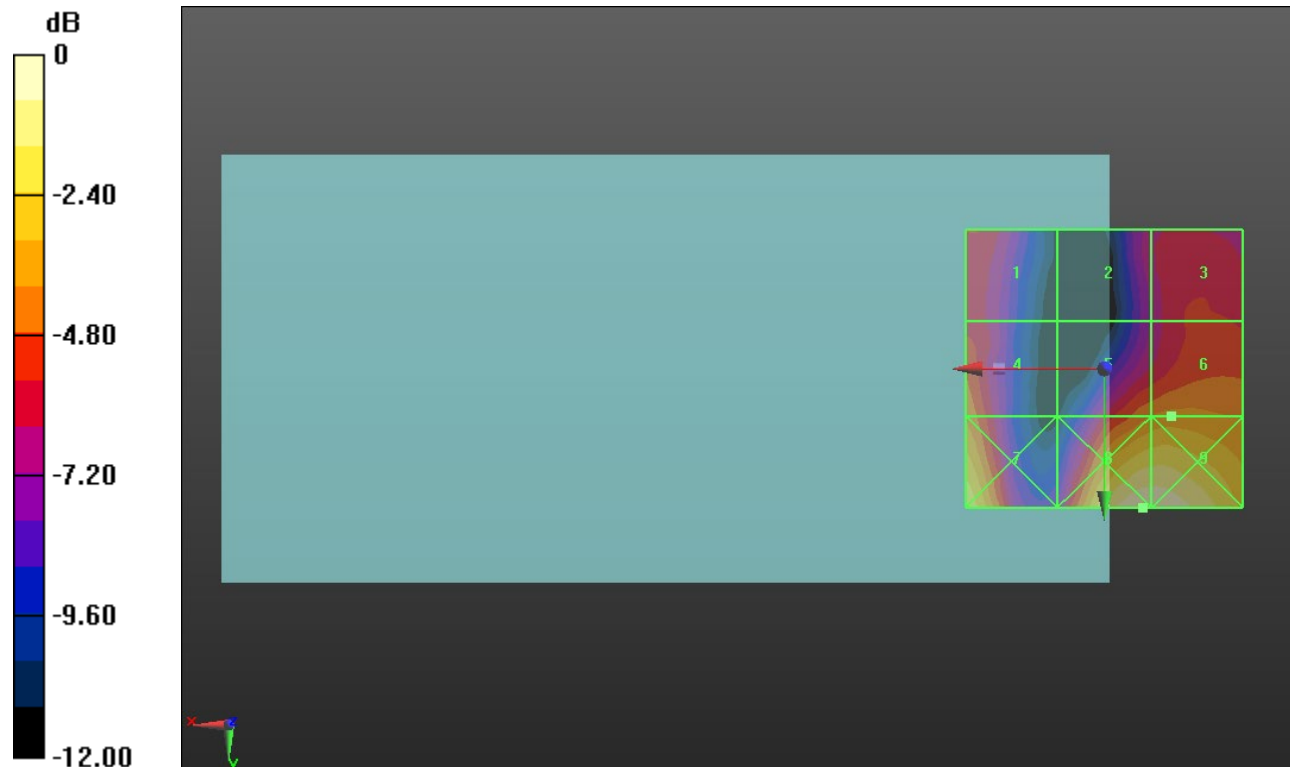
Applied MIF = -1.44 dB

RF audio interference level = 21.22 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>18.35 dBV/m</b>	Grid 3 <b>M4</b> <b>19.48 dBV/m</b>
Grid 4 <b>M4</b> <b>20.86 dBV/m</b>	Grid 5 <b>M4</b> <b>20.92 dBV/m</b>	Grid 6 <b>M4</b> <b>21.22 dBV/m</b>
Grid 7 <b>M4</b> <b>23.31 dBV/m</b>	Grid 8 <b>M4</b> <b>24.9 dBV/m</b>	Grid 9 <b>M4</b> <b>24.86 dBV/m</b>



0 dB = 17.57 V/m = 24.90 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 = 7.531 V/m; Power Drift = -1.11 dB

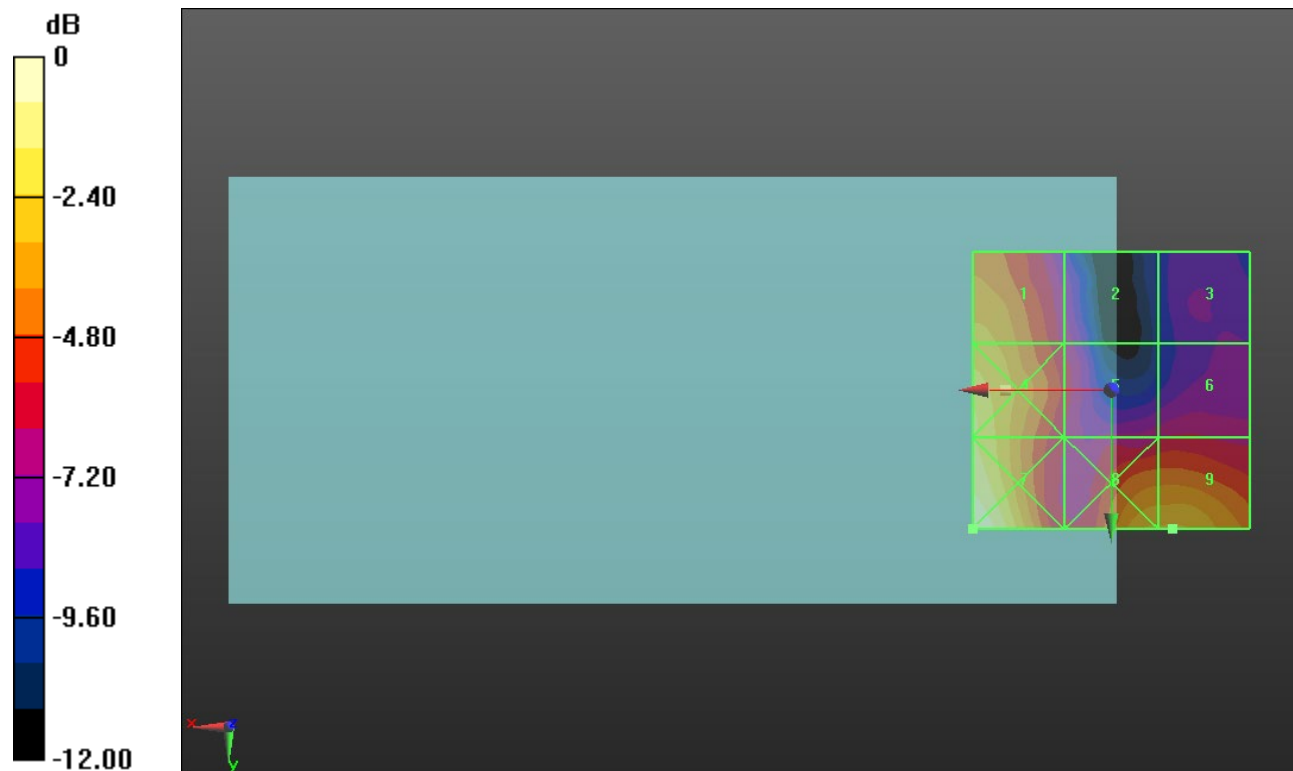
Applied MIF = -1.44 dB

RF audio interference level = 23.07 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.5 dBV/m</b>	Grid 2 <b>M4</b> <b>18.77 dBV/m</b>	Grid 3 <b>M4</b> <b>17.53 dBV/m</b>
Grid 4 <b>M4</b> <b>23.92 dBV/m</b>	Grid 5 <b>M4</b> <b>19.47 dBV/m</b>	Grid 6 <b>M4</b> <b>19.08 dBV/m</b>
Grid 7 <b>M4</b> <b>25.3 dBV/m</b>	Grid 8 <b>M4</b> <b>23.07 dBV/m</b>	Grid 9 <b>M4</b> <b>23.07 dBV/m</b>



0 dB = 18.41 V/m = 25.30 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 = 8.791 V/m; Power Drift = -0.41 dB

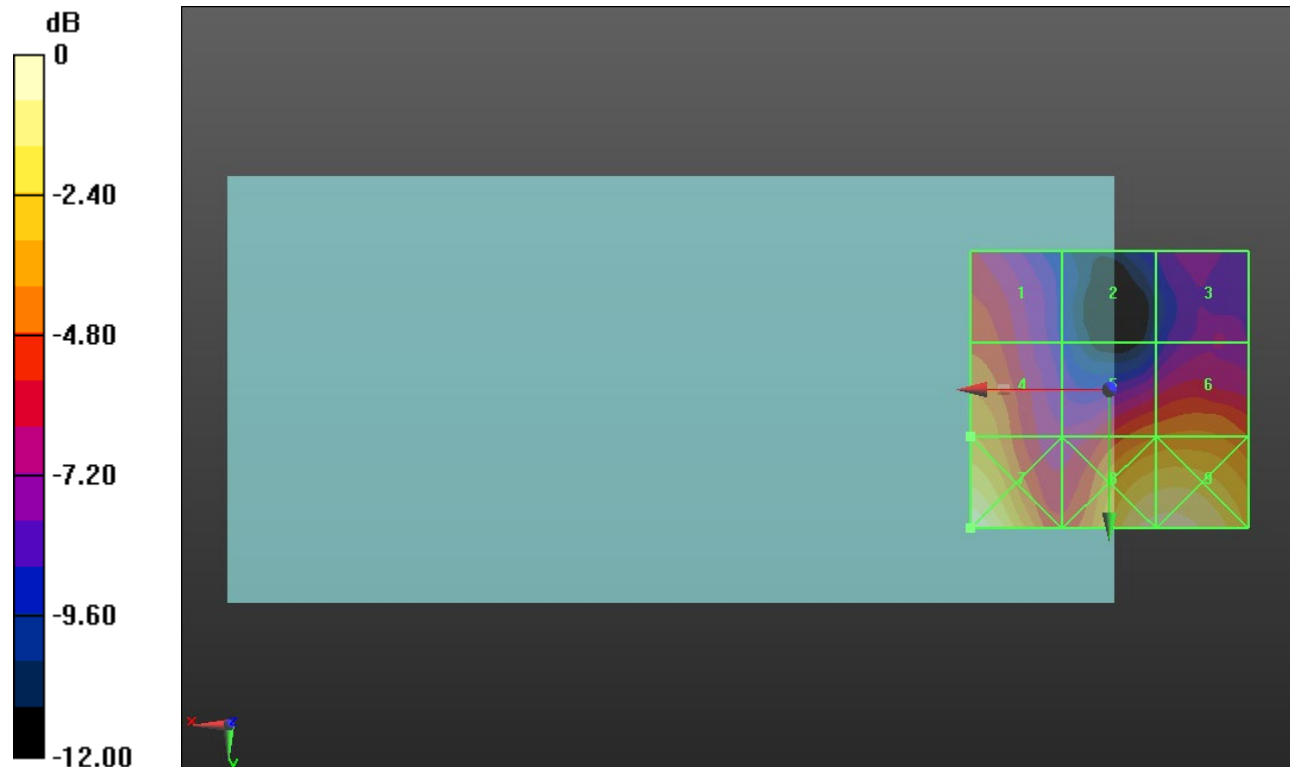
Applied MIF = -1.44 dB

RF audio interference level = 21.91 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.08 dBV/m</b>	Grid 2 <b>M4</b> <b>16.52 dBV/m</b>	Grid 3 <b>M4</b> <b>17.95 dBV/m</b>
Grid 4 <b>M4</b> <b>21.91 dBV/m</b>	Grid 5 <b>M4</b> <b>21.04 dBV/m</b>	Grid 6 <b>M4</b> <b>21.29 dBV/m</b>
Grid 7 <b>M4</b> <b>25.04 dBV/m</b>	Grid 8 <b>M4</b> <b>24.58 dBV/m</b>	Grid 9 <b>M4</b> <b>24.64 dBV/m</b>



0 dB = 17.87 V/m = 25.04 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 = 12.71 V/m; Power Drift = 0.22 dB

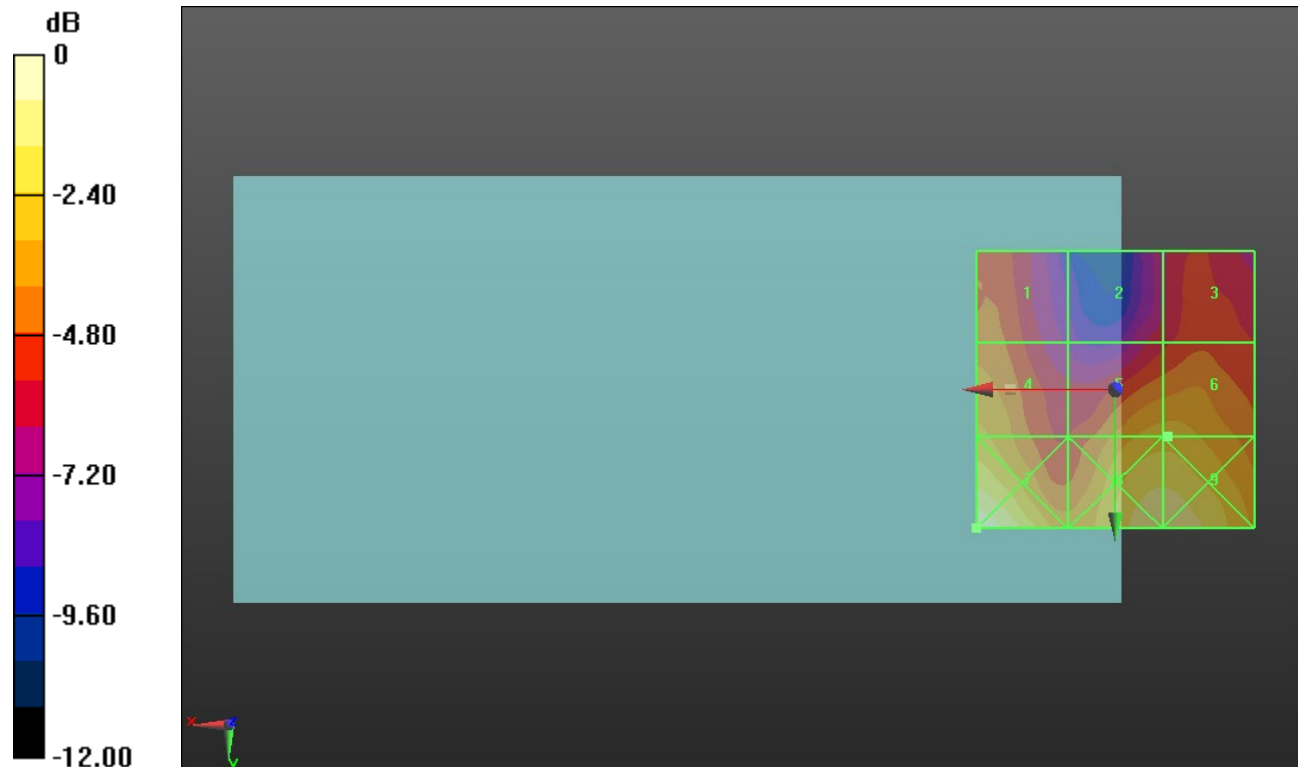
Applied MIF = -1.44 dB

RF audio interference level = 22.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21 dBV/m</b>	Grid 2 <b>M4</b> <b>19.48 dBV/m</b>	Grid 3 <b>M4</b> <b>20.38 dBV/m</b>
Grid 4 <b>M4</b> <b>22.36 dBV/m</b>	Grid 5 <b>M4</b> <b>22.52 dBV/m</b>	Grid 6 <b>M4</b> <b>22.53 dBV/m</b>
Grid 7 <b>M4</b> <b>25.3 dBV/m</b>	Grid 8 <b>M4</b> <b>24.32 dBV/m</b>	Grid 9 <b>M4</b> <b>24.3 dBV/m</b>



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



# ANT 1

Communication System: UID 10235 - CAG, 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 = 8.978 V/m; Power Drift = 0.32 dB

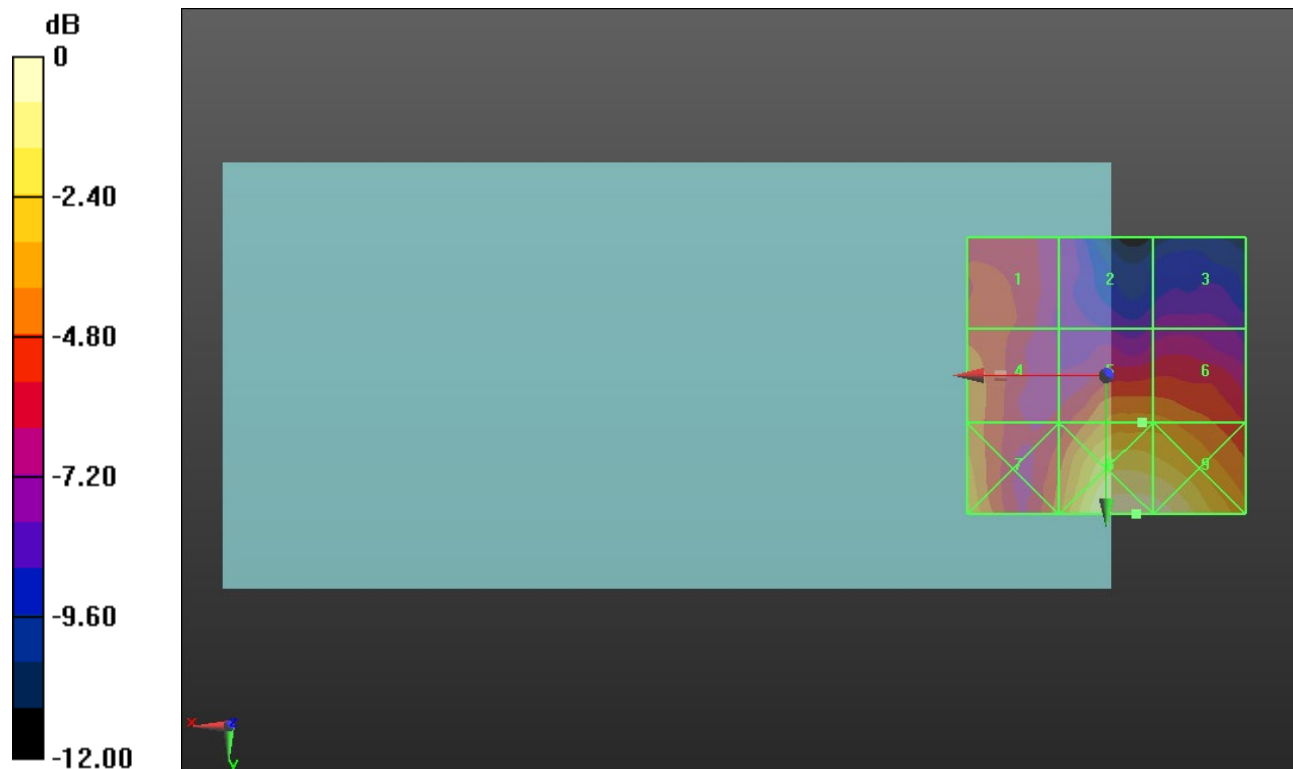
Applied MIF = -1.44 dB

RF audio interference level = 19.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.63 dBV/m</b>	Grid 2 <b>M4</b> <b>15.56 dBV/m</b>	Grid 3 <b>M4</b> <b>15.23 dBV/m</b>
Grid 4 <b>M4</b> <b>18.5 dBV/m</b>	Grid 5 <b>M4</b> <b>19.06 dBV/m</b>	Grid 6 <b>M4</b> <b>19.04 dBV/m</b>
Grid 7 <b>M4</b> <b>19.82 dBV/m</b>	Grid 8 <b>M4</b> <b>22.64 dBV/m</b>	Grid 9 <b>M4</b> <b>22.44 dBV/m</b>



0 dB = 13.56 V/m = 22.65 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 = 125.4 V/m; Power Drift = -0.02 dB

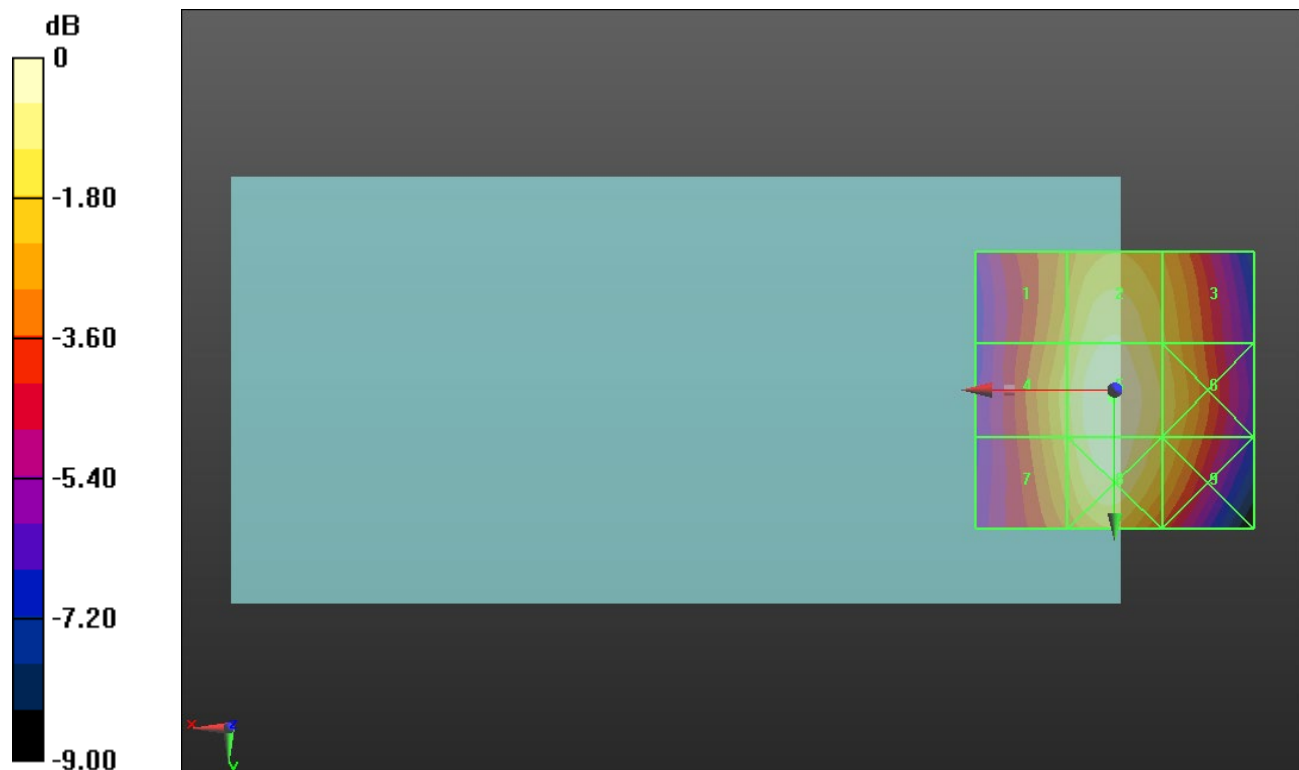
Applied MIF = 3.63 dB

RF audio interference level = 40.26 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.37 dBV/m</b>	Grid 2 <b>M4</b> <b>39.76 dBV/m</b>	Grid 3 <b>M4</b> <b>38.63 dBV/m</b>
Grid 4 <b>M4</b> <b>38.93 dBV/m</b>	Grid 5 <b>M3</b> <b>40.26 dBV/m</b>	Grid 6 <b>M4</b> <b>39.01 dBV/m</b>
Grid 7 <b>M4</b> <b>38.73 dBV/m</b>	Grid 8 <b>M3</b> <b>40.13 dBV/m</b>	Grid 9 <b>M4</b> <b>38.76 dBV/m</b>



0 dB = 103.1 V/m = 40.27 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 = 133.3 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.67 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.73 dBV/m</b>	Grid 2 <b>M3</b> <b>40.12 dBV/m</b>	Grid 3 <b>M4</b> <b>38.91 dBV/m</b>
Grid 4 <b>M4</b> <b>39.4 dBV/m</b>	Grid 5 <b>M3</b> <b>40.67 dBV/m</b>	Grid 6 <b>M4</b> <b>39.3 dBV/m</b>
Grid 7 <b>M4</b> <b>39.19 dBV/m</b>	Grid 8 <b>M3</b> <b>40.58 dBV/m</b>	Grid 9 <b>M4</b> <b>39.09 dBV/m</b>



0 dB = 108.1 V/m = 40.68 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 = 134.3 V/m; Power Drift = -0.06 dB

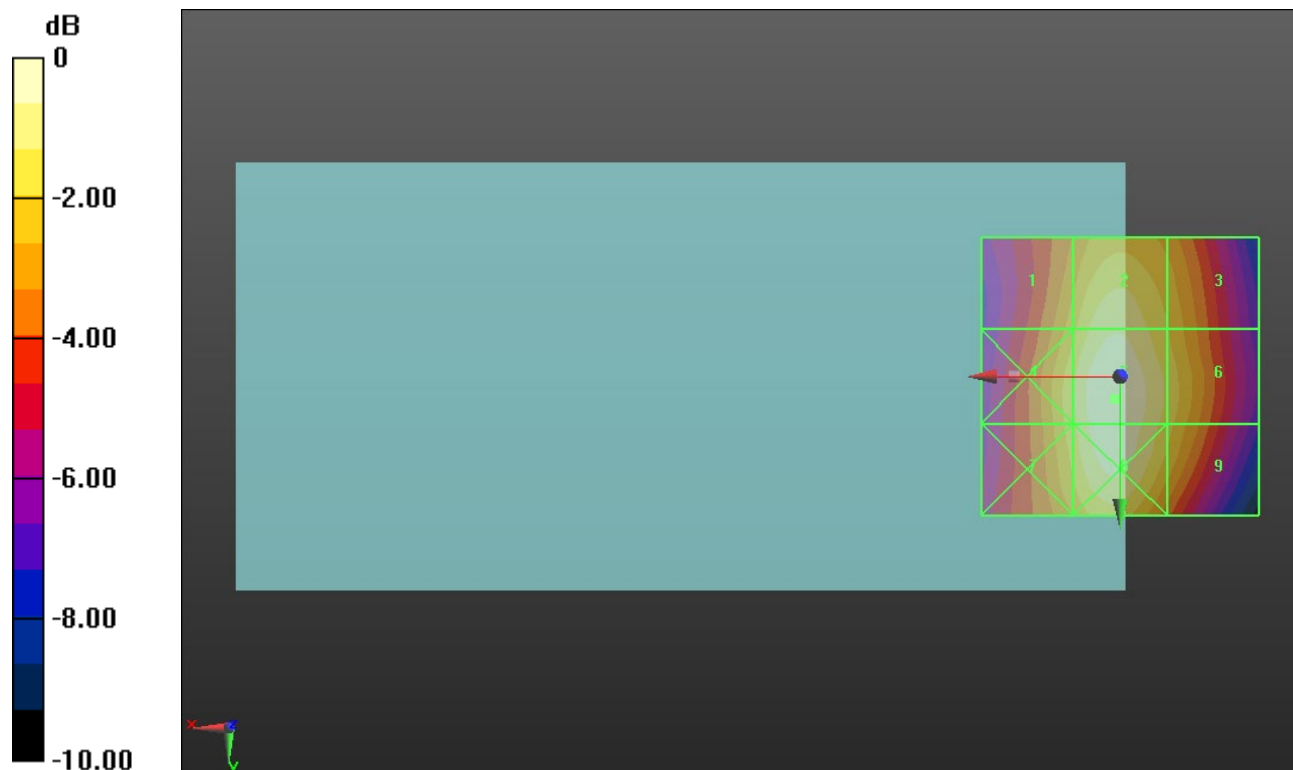
Applied MIF = 3.63 dB

RF audio interference level = 40.83 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.63 dBV/m</b>	Grid 2 <b>M3</b> <b>40.1 dBV/m</b>	Grid 3 <b>M4</b> <b>38.88 dBV/m</b>
Grid 4 <b>M4</b> <b>39.43 dBV/m</b>	Grid 5 <b>M3</b> <b>40.83 dBV/m</b>	Grid 6 <b>M4</b> <b>39.37 dBV/m</b>
Grid 7 <b>M4</b> <b>39.32 dBV/m</b>	Grid 8 <b>M3</b> <b>40.73 dBV/m</b>	Grid 9 <b>M4</b> <b>39.14 dBV/m</b>



0 dB = 110.0 V/m = 40.83 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 = 24.58 V/m; Power Drift = -0.15 dB

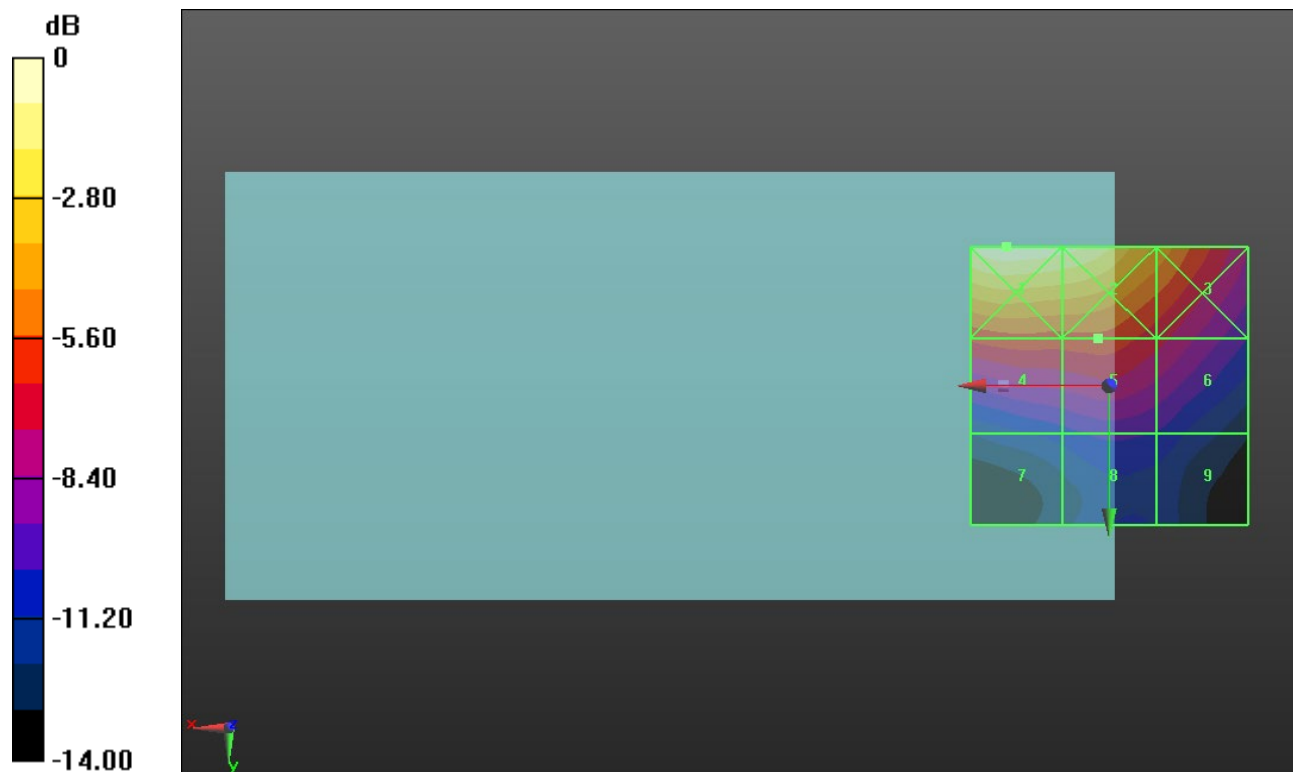
Applied MIF = 3.63 dB

RF audio interference level = 30.14 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M2</b> <b>35.99 dBV/m</b>	Grid 2 <b>M2</b> <b>35.49 dBV/m</b>	Grid 3 <b>M3</b> <b>32.13 dBV/m</b>
Grid 4 <b>M3</b> <b>30.12 dBV/m</b>	Grid 5 <b>M3</b> <b>30.14 dBV/m</b>	Grid 6 <b>M4</b> <b>28.94 dBV/m</b>
Grid 7 <b>M4</b> <b>25.37 dBV/m</b>	Grid 8 <b>M4</b> <b>26.08 dBV/m</b>	Grid 9 <b>M4</b> <b>25.71 dBV/m</b>



0 dB = 63.06 V/m = 36.00 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 = 21.82 V/m; Power Drift = 0.05 dB

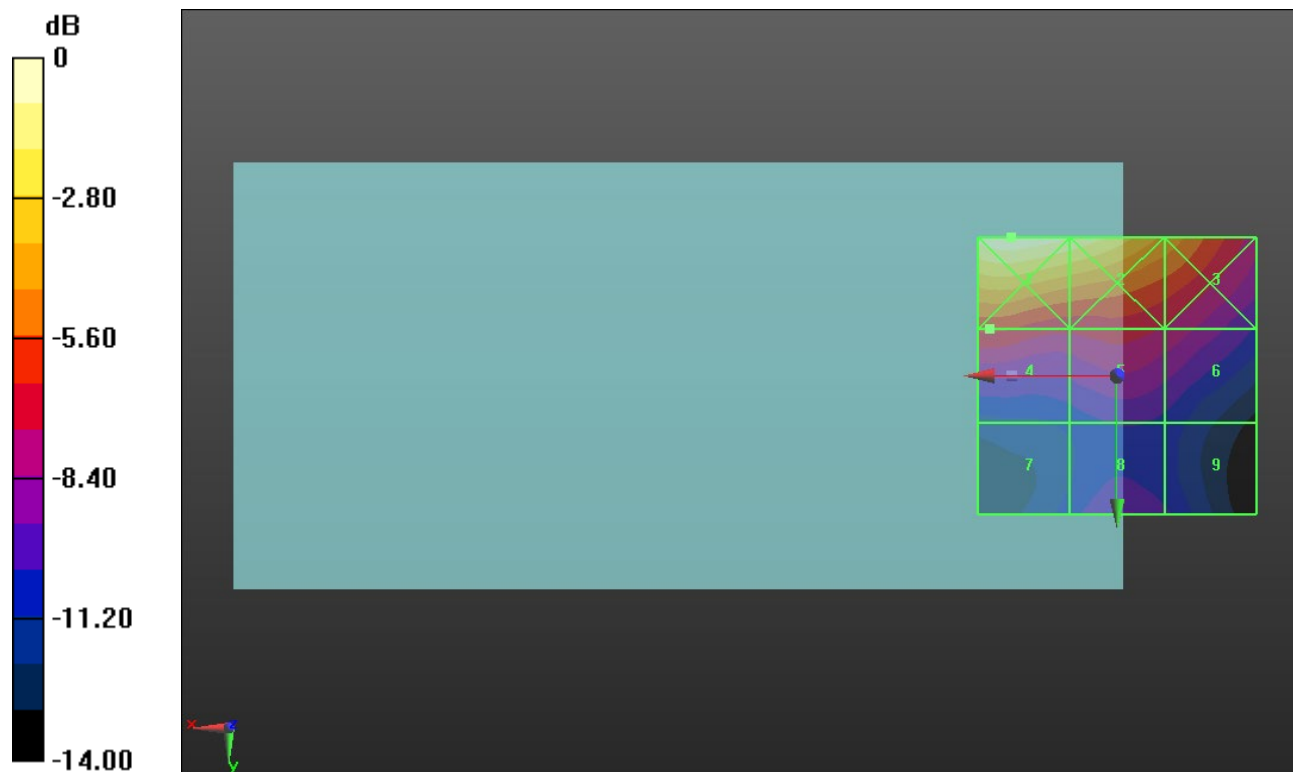
Applied MIF = 3.63 dB

RF audio interference level = 29.48 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M2</b> <b>35.78 dBV/m</b>	Grid 2 <b>M3</b> <b>34.93 dBV/m</b>	Grid 3 <b>M3</b> <b>31.91 dBV/m</b>
Grid 4 <b>M4</b> <b>29.48 dBV/m</b>	Grid 5 <b>M4</b> <b>28.84 dBV/m</b>	Grid 6 <b>M4</b> <b>28.23 dBV/m</b>
Grid 7 <b>M4</b> <b>25.16 dBV/m</b>	Grid 8 <b>M4</b> <b>26.59 dBV/m</b>	Grid 9 <b>M4</b> <b>25.85 dBV/m</b>



0 dB = 61.48 V/m = 35.77 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 = 23.31 V/m; Power Drift = -0.13 dB

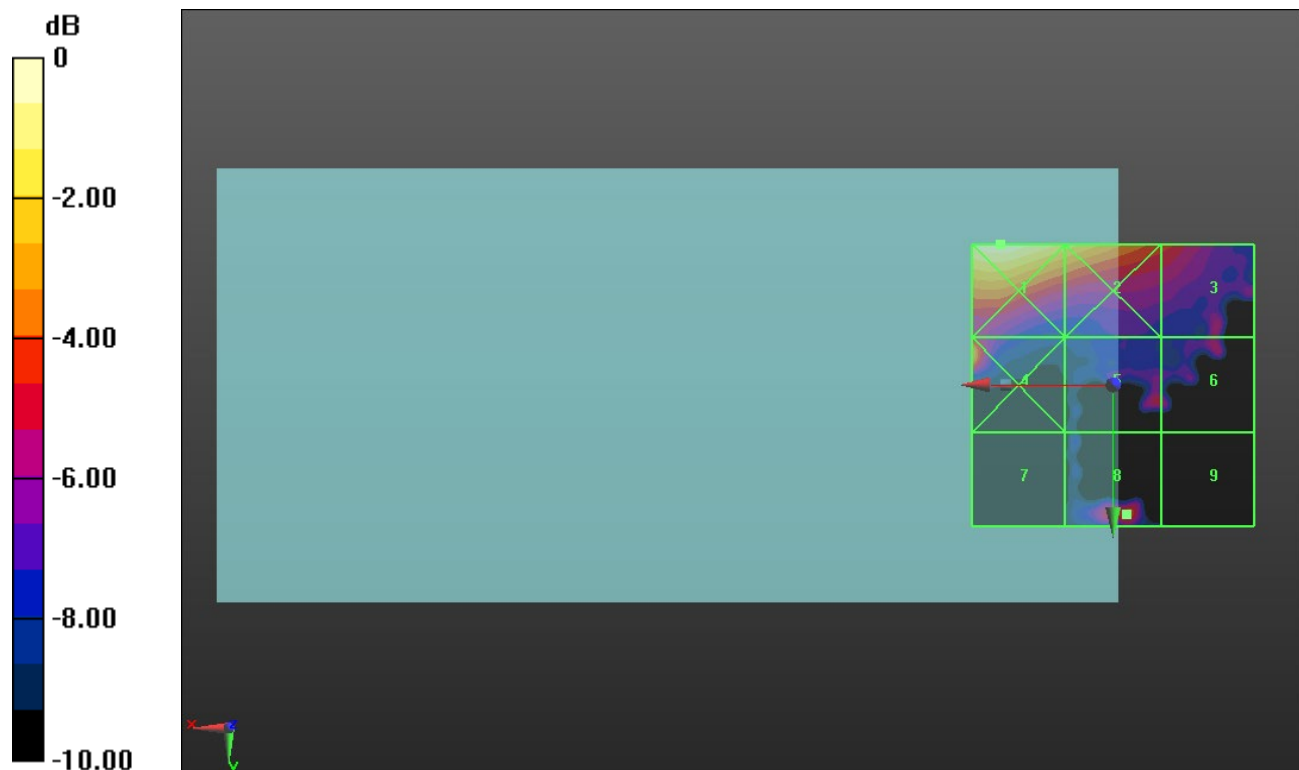
Applied MIF = 3.63 dB

RF audio interference level = 31.71 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M2</b> <b>35.66 dBV/m</b>	Grid 2 <b>M3</b> <b>34.19 dBV/m</b>	Grid 3 <b>M3</b> <b>31.42 dBV/m</b>
Grid 4 <b>M3</b> <b>33.08 dBV/m</b>	Grid 5 <b>M3</b> <b>30.57 dBV/m</b>	Grid 6 <b>M3</b> <b>30.34 dBV/m</b>
Grid 7 <b>M4</b> <b>26.46 dBV/m</b>	Grid 8 <b>M3</b> <b>31.71 dBV/m</b>	Grid 9 <b>M4</b> <b>29.34 dBV/m</b>



0 dB = 60.64 V/m = 35.66 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 = 40.61 V/m; Power Drift = -0.11 dB

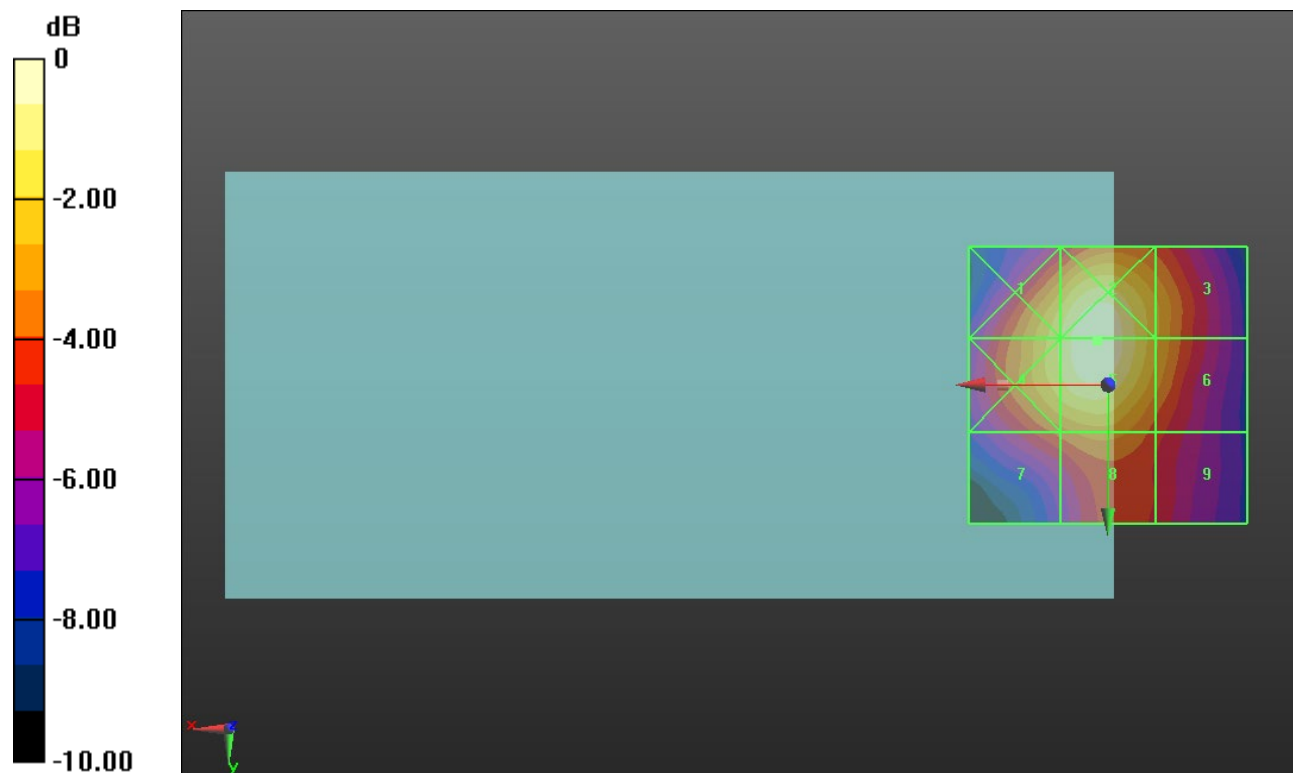
Applied MIF = -1.44 dB

RF audio interference level = 27.71 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.46 dBV/m</b>	Grid 2 <b>M4</b> <b>27.7 dBV/m</b>	Grid 3 <b>M4</b> <b>25.25 dBV/m</b>
Grid 4 <b>M4</b> <b>26.52 dBV/m</b>	Grid 5 <b>M4</b> <b>27.71 dBV/m</b>	Grid 6 <b>M4</b> <b>25.24 dBV/m</b>
Grid 7 <b>M4</b> <b>24.04 dBV/m</b>	Grid 8 <b>M4</b> <b>24.75 dBV/m</b>	Grid 9 <b>M4</b> <b>23.41 dBV/m</b>



0 dB = 24.29 V/m = 27.71 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 = 61.71 V/m; Power Drift = -0.14 dB

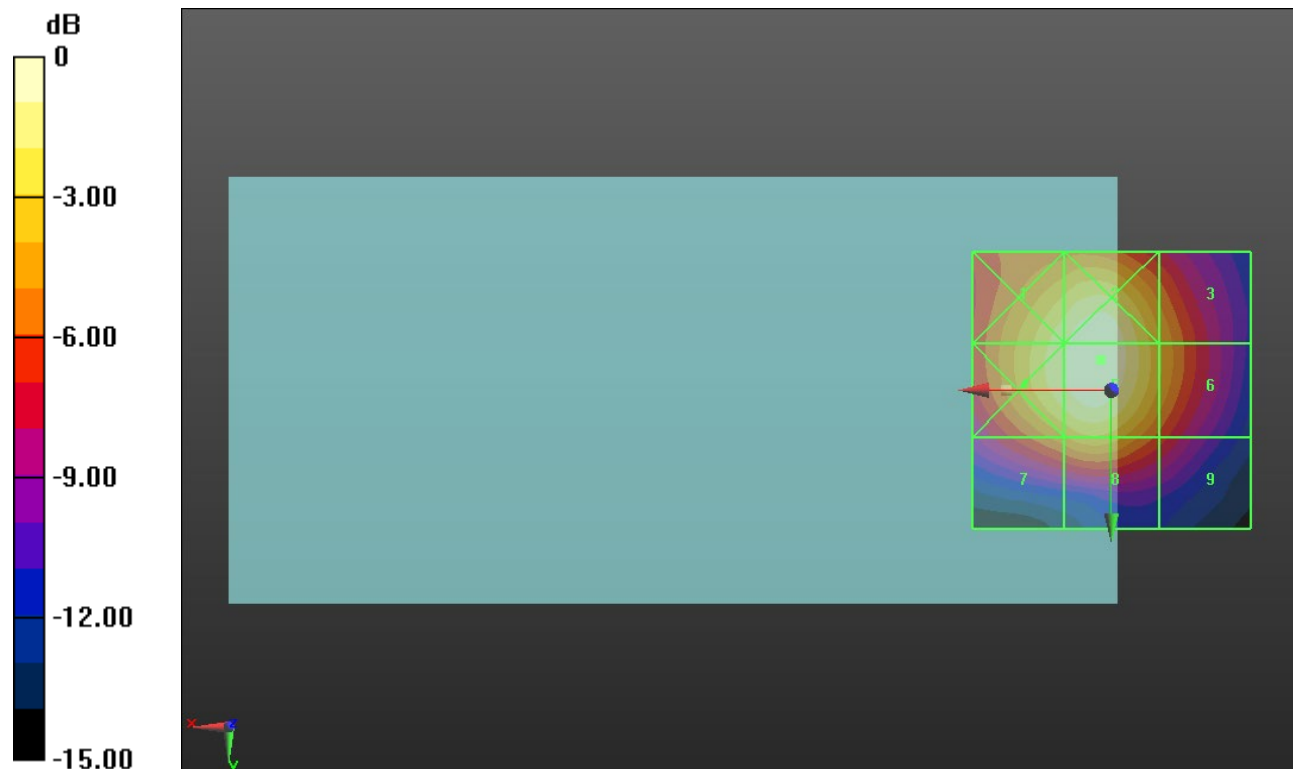
Applied MIF = -1.44 dB

RF audio interference level = 30.05 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.9 dBV/m</b>	Grid 2 <b>M4</b> <b>29.96 dBV/m</b>	Grid 3 <b>M4</b> <b>26.25 dBV/m</b>
Grid 4 <b>M4</b> <b>29.14 dBV/m</b>	Grid 5 <b>M3</b> <b>30.05 dBV/m</b>	Grid 6 <b>M4</b> <b>26.37 dBV/m</b>
Grid 7 <b>M4</b> <b>25.87 dBV/m</b>	Grid 8 <b>M4</b> <b>26.91 dBV/m</b>	Grid 9 <b>M4</b> <b>23.73 dBV/m</b>



0 dB = 31.80 V/m = 30.05 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 = 58.36 V/m; Power Drift = 0.02 dB

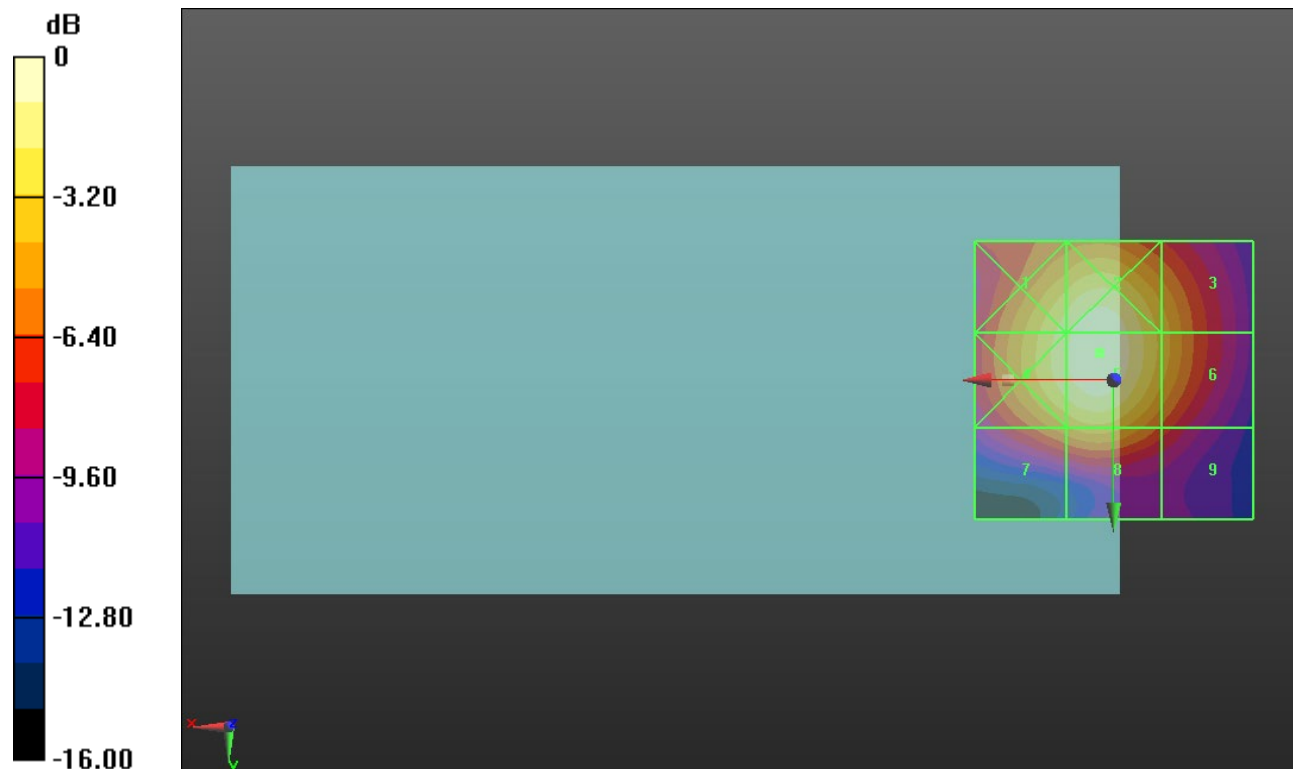
Applied MIF = -1.44 dB

RF audio interference level = 29.47 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.05 dBV/m</b>	Grid 2 <b>M4</b> <b>29.29 dBV/m</b>	Grid 3 <b>M4</b> <b>25.93 dBV/m</b>
Grid 4 <b>M4</b> <b>28.31 dBV/m</b>	Grid 5 <b>M4</b> <b>29.47 dBV/m</b>	Grid 6 <b>M4</b> <b>25.99 dBV/m</b>
Grid 7 <b>M4</b> <b>25.09 dBV/m</b>	Grid 8 <b>M4</b> <b>26.01 dBV/m</b>	Grid 9 <b>M4</b> <b>22.85 dBV/m</b>



0 dB = 29.76 V/m = 29.47 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 = 65.68 V/m; Power Drift = -0.11 dB

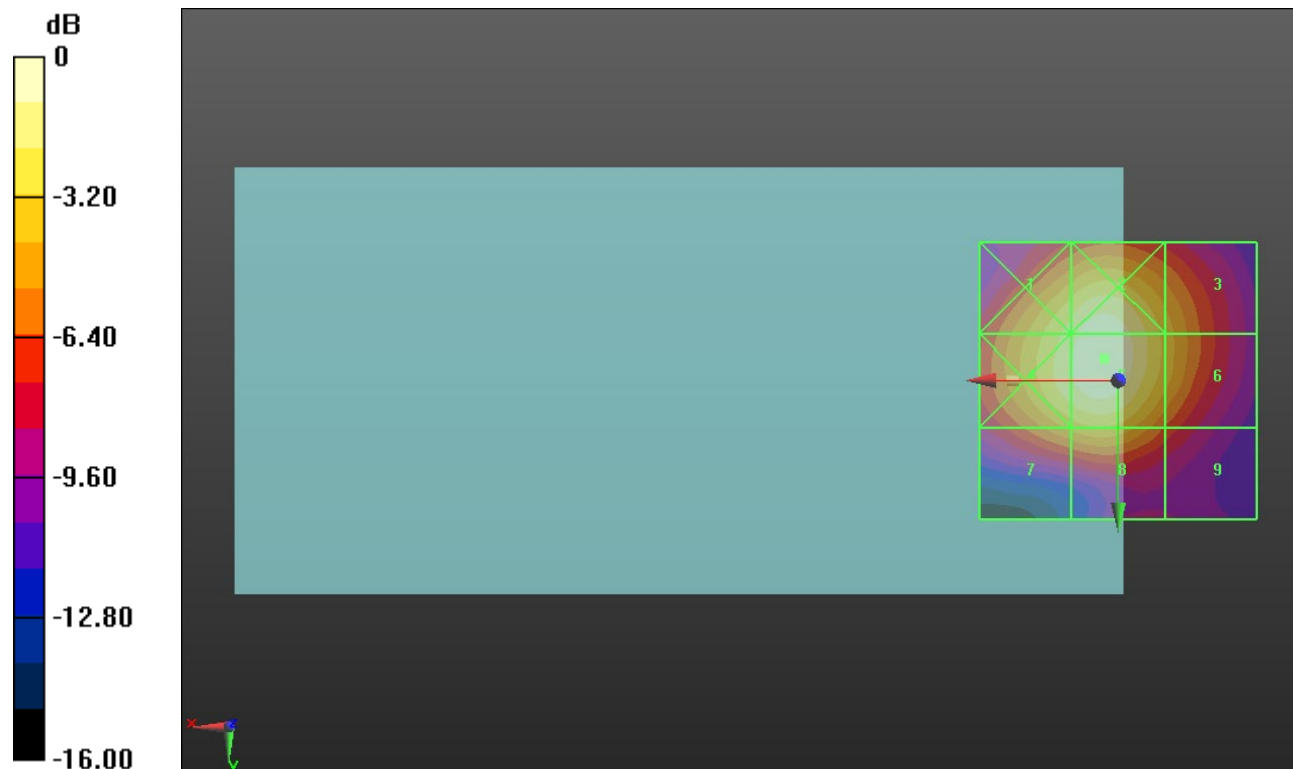
Applied MIF = -1.44 dB

RF audio interference level = 30.33 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.8 dBV/m</b>	Grid 2 <b>M3</b> <b>30.01 dBV/m</b>	Grid 3 <b>M4</b> <b>26.71 dBV/m</b>
Grid 4 <b>M4</b> <b>29.27 dBV/m</b>	Grid 5 <b>M3</b> <b>30.33 dBV/m</b>	Grid 6 <b>M4</b> <b>26.79 dBV/m</b>
Grid 7 <b>M4</b> <b>26.38 dBV/m</b>	Grid 8 <b>M4</b> <b>27.12 dBV/m</b>	Grid 9 <b>M4</b> <b>23.79 dBV/m</b>



0 dB = 32.85 V/m = 30.33 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 = 68.70 V/m; Power Drift = -0.06 dB

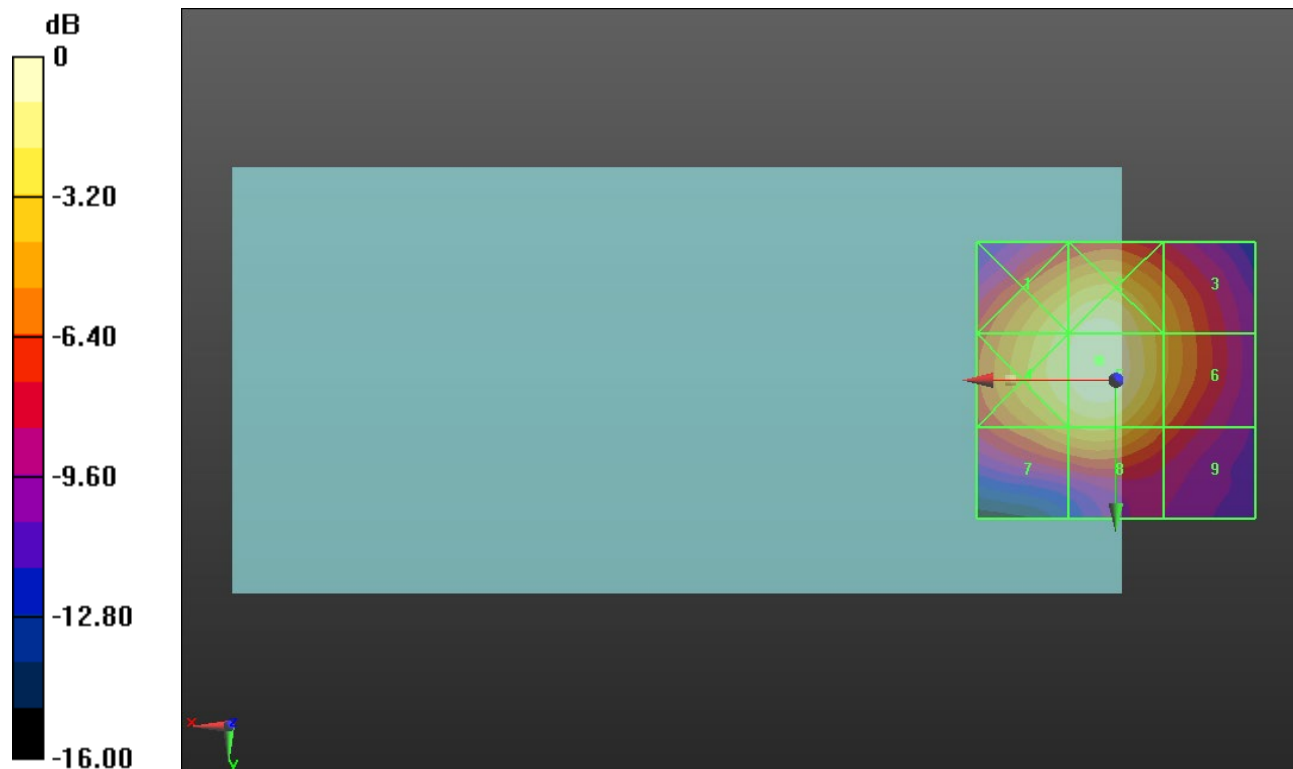
Applied MIF = -1.44 dB

RF audio interference level = 30.87 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.39 dBV/m</b>	Grid 2 <b>M3</b> <b>30.43 dBV/m</b>	Grid 3 <b>M4</b> <b>26.96 dBV/m</b>
Grid 4 <b>M4</b> <b>29.93 dBV/m</b>	Grid 5 <b>M3</b> <b>30.87 dBV/m</b>	Grid 6 <b>M4</b> <b>27.1 dBV/m</b>
Grid 7 <b>M4</b> <b>27.4 dBV/m</b>	Grid 8 <b>M4</b> <b>28.02 dBV/m</b>	Grid 9 <b>M4</b> <b>24.65 dBV/m</b>



0 dB = 34.94 V/m = 30.87 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 = 34.50 V/m; Power Drift = 0.00 dB

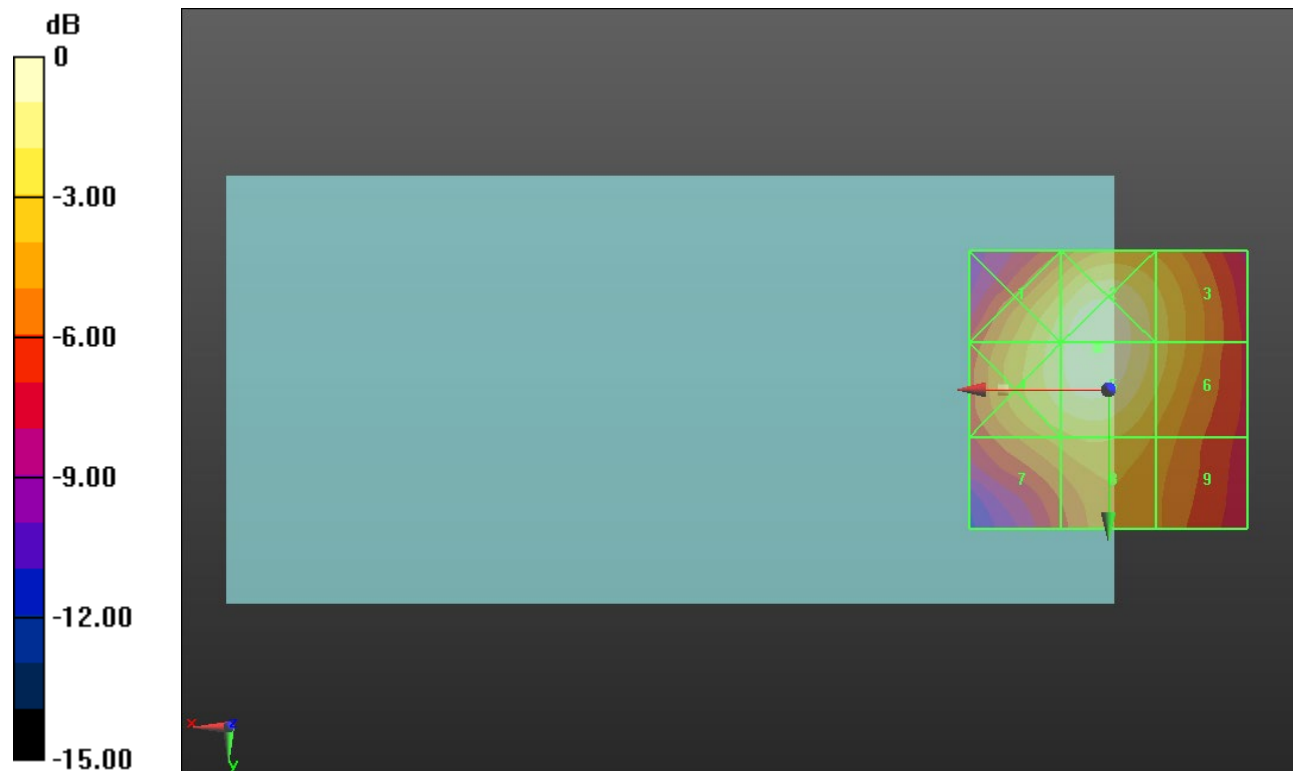
Applied MIF = -1.44 dB

RF audio interference level = 26.46 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.23 dBV/m</b>	Grid 2 <b>M4</b> <b>26.45 dBV/m</b>	Grid 3 <b>M4</b> <b>24.19 dBV/m</b>
Grid 4 <b>M4</b> <b>25.33 dBV/m</b>	Grid 5 <b>M4</b> <b>26.46 dBV/m</b>	Grid 6 <b>M4</b> <b>24.18 dBV/m</b>
Grid 7 <b>M4</b> <b>23.07 dBV/m</b>	Grid 8 <b>M4</b> <b>23.69 dBV/m</b>	Grid 9 <b>M4</b> <b>22.32 dBV/m</b>



0 dB = 21.03 V/m = 26.46 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 = 54.24 V/m; Power Drift = -0.14 dB

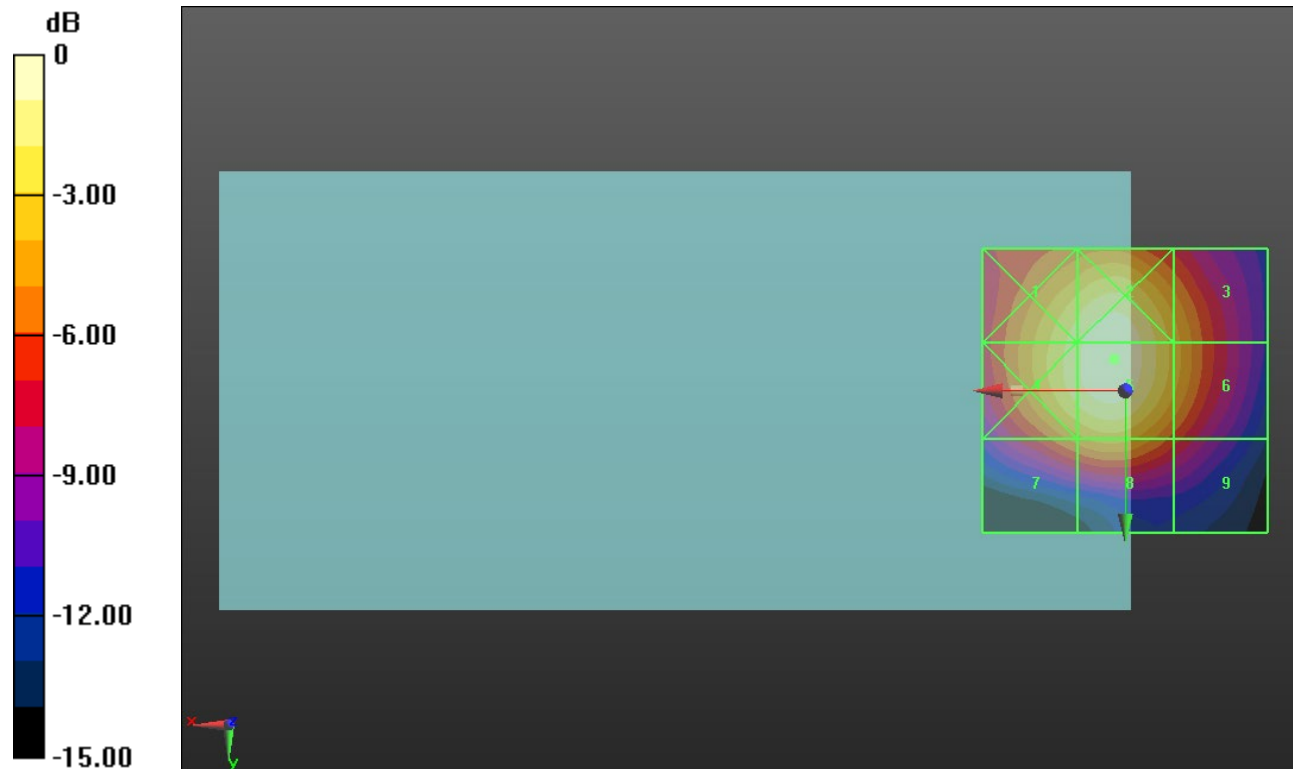
Applied MIF = -1.44 dB

RF audio interference level = 29.10 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.73 dBV/m</b>	<b>Grid 2 M4</b> <b>28.98 dBV/m</b>	<b>Grid 3 M4</b> <b>25.67 dBV/m</b>
<b>Grid 4 M4</b> <b>27.88 dBV/m</b>	<b>Grid 5 M4</b> <b>29.1 dBV/m</b>	<b>Grid 6 M4</b> <b>25.75 dBV/m</b>
<b>Grid 7 M4</b> <b>24.62 dBV/m</b>	<b>Grid 8 M4</b> <b>25.57 dBV/m</b>	<b>Grid 9 M4</b> <b>22.63 dBV/m</b>



0 dB = 28.51 V/m = 29.10 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 = 51.73 V/m; Power Drift = 0.04 dB

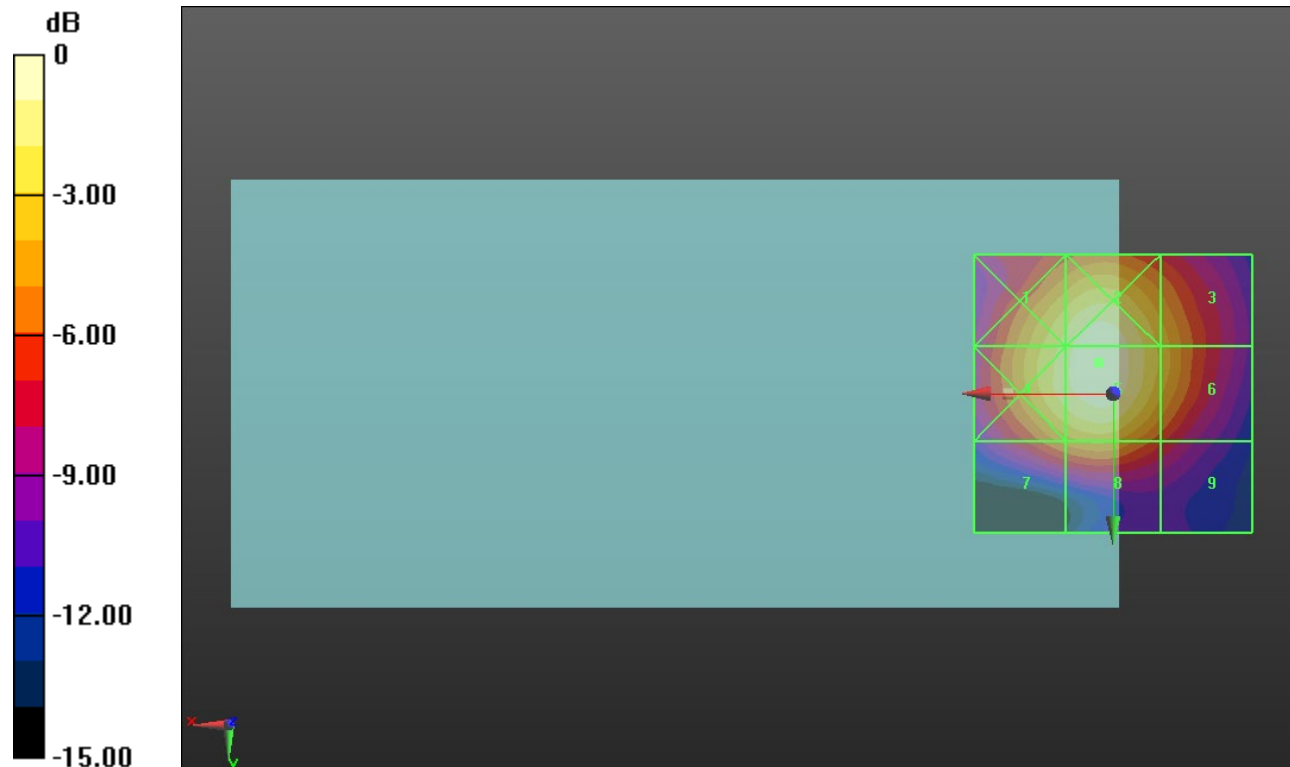
Applied MIF = -1.44 dB

RF audio interference level = 28.68 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.19 dBV/m</b>	<b>Grid 2 M4</b> <b>28.53 dBV/m</b>	<b>Grid 3 M4</b> <b>25.4 dBV/m</b>
<b>Grid 4 M4</b> <b>27.48 dBV/m</b>	<b>Grid 5 M4</b> <b>28.68 dBV/m</b>	<b>Grid 6 M4</b> <b>25.51 dBV/m</b>
<b>Grid 7 M4</b> <b>24.18 dBV/m</b>	<b>Grid 8 M4</b> <b>24.97 dBV/m</b>	<b>Grid 9 M4</b> <b>22.04 dBV/m</b>



0 dB = 27.15 V/m = 28.68 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 = 57.20 V/m; Power Drift = -0.09 dB

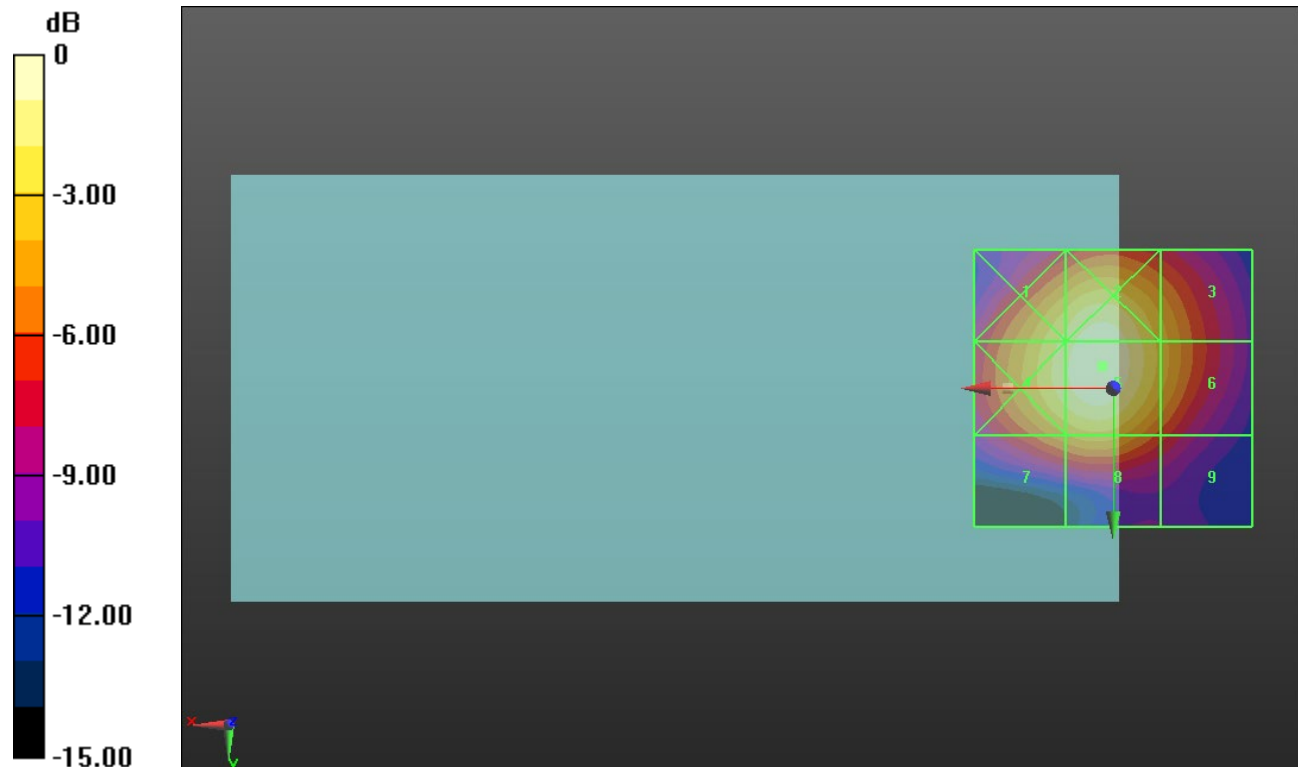
Applied MIF = -1.44 dB

RF audio interference level = 29.31 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.76 dBV/m</b>	<b>Grid 2 M4</b> <b>29 dBV/m</b>	<b>Grid 3 M4</b> <b>25.92 dBV/m</b>
<b>Grid 4 M4</b> <b>28.19 dBV/m</b>	<b>Grid 5 M4</b> <b>29.31 dBV/m</b>	<b>Grid 6 M4</b> <b>26.04 dBV/m</b>
<b>Grid 7 M4</b> <b>25.18 dBV/m</b>	<b>Grid 8 M4</b> <b>26 dBV/m</b>	<b>Grid 9 M4</b> <b>22.87 dBV/m</b>



0 dB = 29.22 V/m = 29.31 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 = 59.15 V/m; Power Drift = 0.19 dB

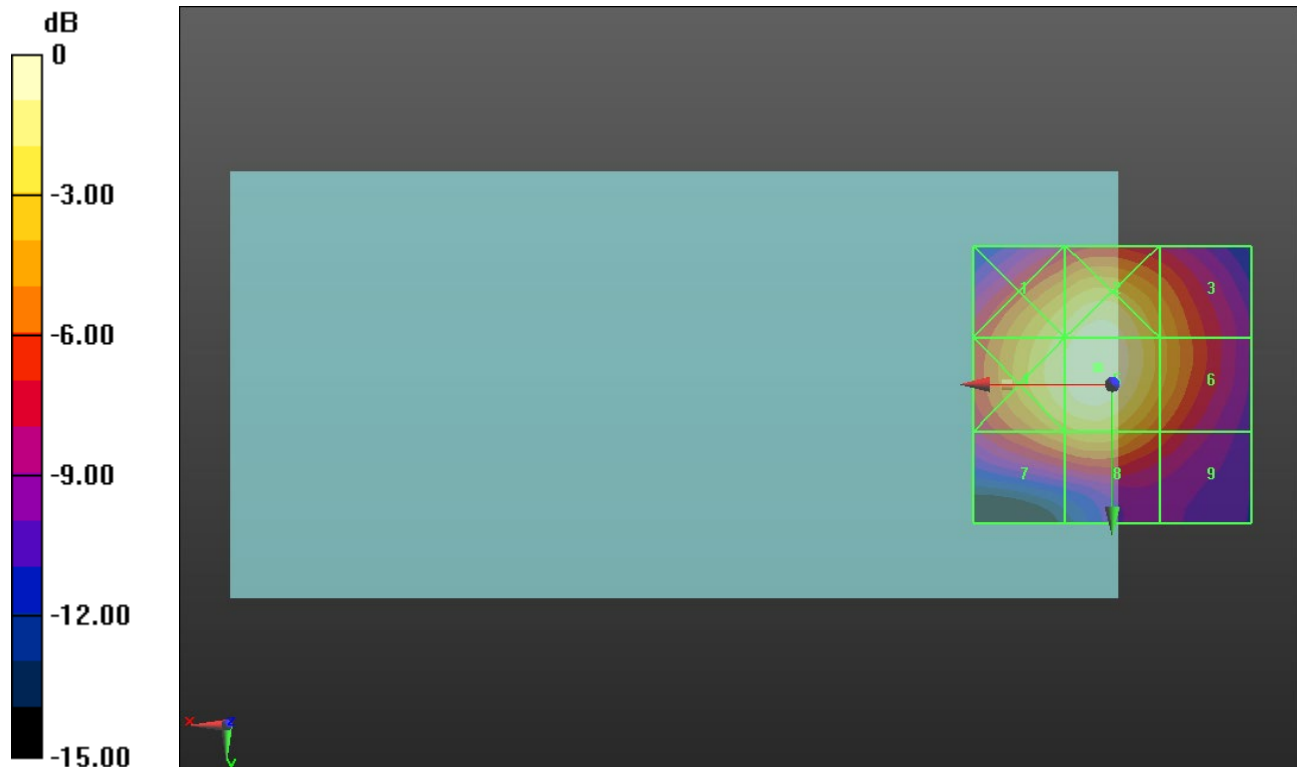
Applied MIF = -1.44 dB

RF audio interference level = 29.67 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.21 dBV/m</b>	Grid 2 <b>M4</b> <b>29.3 dBV/m</b>	Grid 3 <b>M4</b> <b>26.18 dBV/m</b>
Grid 4 <b>M4</b> <b>28.79 dBV/m</b>	Grid 5 <b>M4</b> <b>29.67 dBV/m</b>	Grid 6 <b>M4</b> <b>26.32 dBV/m</b>
Grid 7 <b>M4</b> <b>26.04 dBV/m</b>	Grid 8 <b>M4</b> <b>26.83 dBV/m</b>	Grid 9 <b>M4</b> <b>23.69 dBV/m</b>



0 dB = 30.44 V/m = 29.67 dBV/m

## ANT 2

Communication System: UID 10235 - CAG, 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 = 62.28 V/m; Power Drift = -0.01 dB

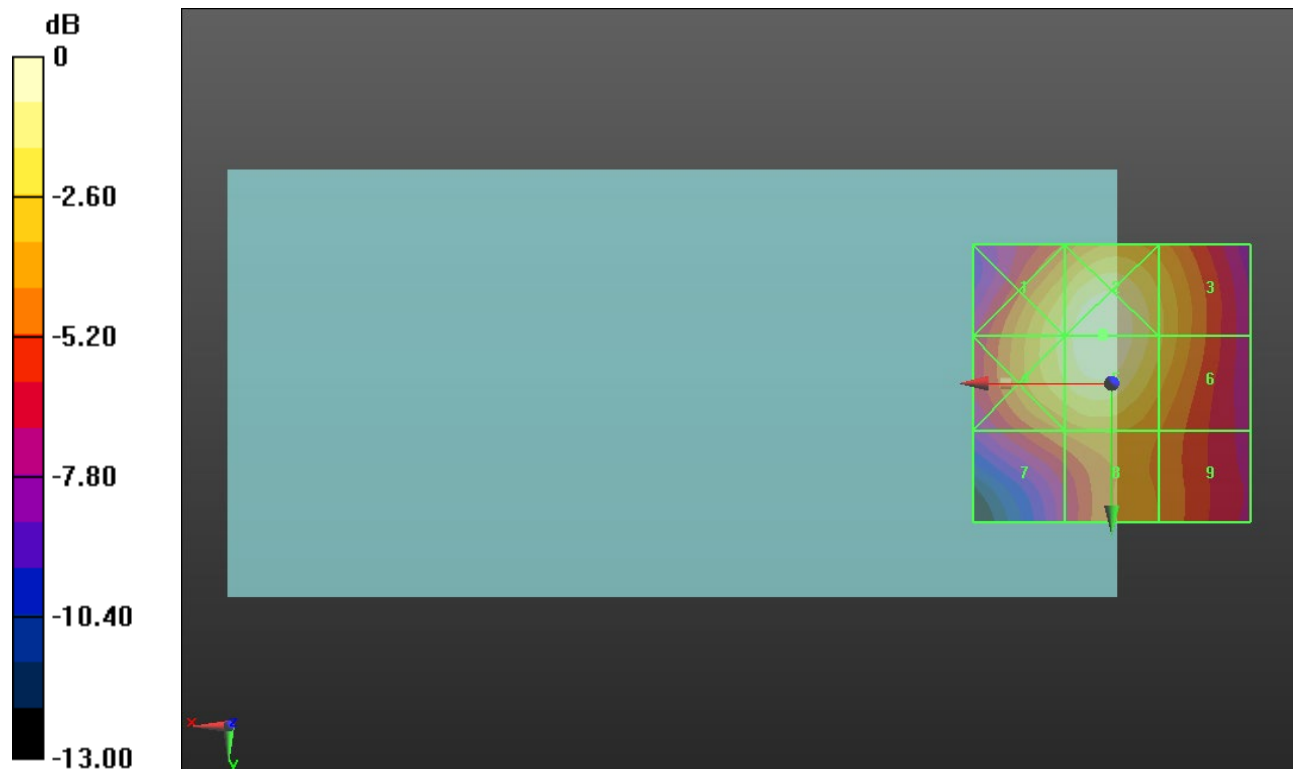
Applied MIF = -1.44 dB

RF audio interference level = 31.64 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>30.33 dBV/m</b>	Grid 2 <b>M3</b> <b>31.65 dBV/m</b>	Grid 3 <b>M4</b> <b>29.35 dBV/m</b>
Grid 4 <b>M3</b> <b>30.35 dBV/m</b>	Grid 5 <b>M3</b> <b>31.64 dBV/m</b>	Grid 6 <b>M4</b> <b>29.31 dBV/m</b>
Grid 7 <b>M4</b> <b>27.52 dBV/m</b>	Grid 8 <b>M4</b> <b>28.29 dBV/m</b>	Grid 9 <b>M4</b> <b>27.38 dBV/m</b>



0 dB = 38.22 V/m = 31.65 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 = 23.91 V/m; Power Drift = 0.08 dB

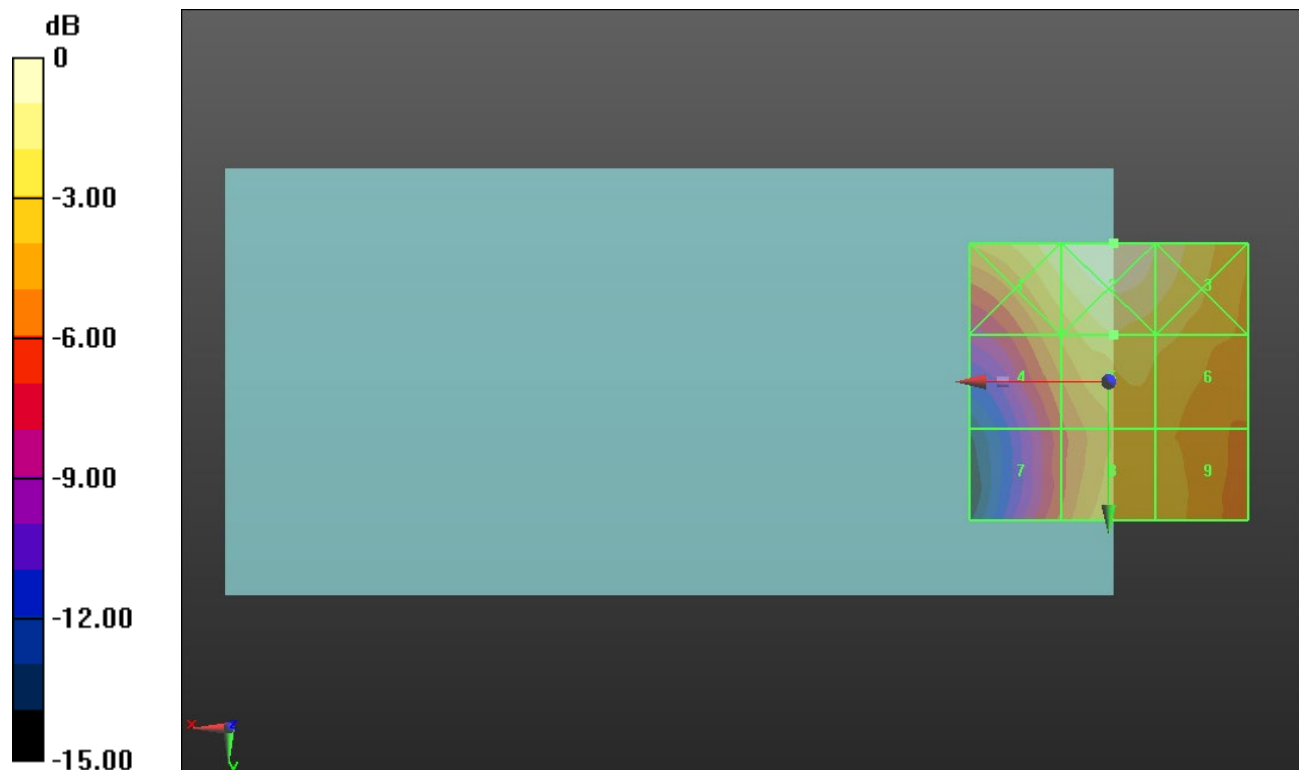
Applied MIF = 3.63 dB

RF audio interference level = 29.74 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>30.91 dBV/m</b>	Grid 2 <b>M3</b> <b>31.86 dBV/m</b>	Grid 3 <b>M3</b> <b>30.88 dBV/m</b>
Grid 4 <b>M4</b> <b>28.08 dBV/m</b>	Grid 5 <b>M4</b> <b>29.74 dBV/m</b>	Grid 6 <b>M4</b> <b>29.3 dBV/m</b>
Grid 7 <b>M4</b> <b>26.25 dBV/m</b>	Grid 8 <b>M4</b> <b>28.53 dBV/m</b>	Grid 9 <b>M4</b> <b>28.24 dBV/m</b>



0 dB = 39.17 V/m = 31.86 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 = 21.14 V/m; Power Drift = -0.25 dB

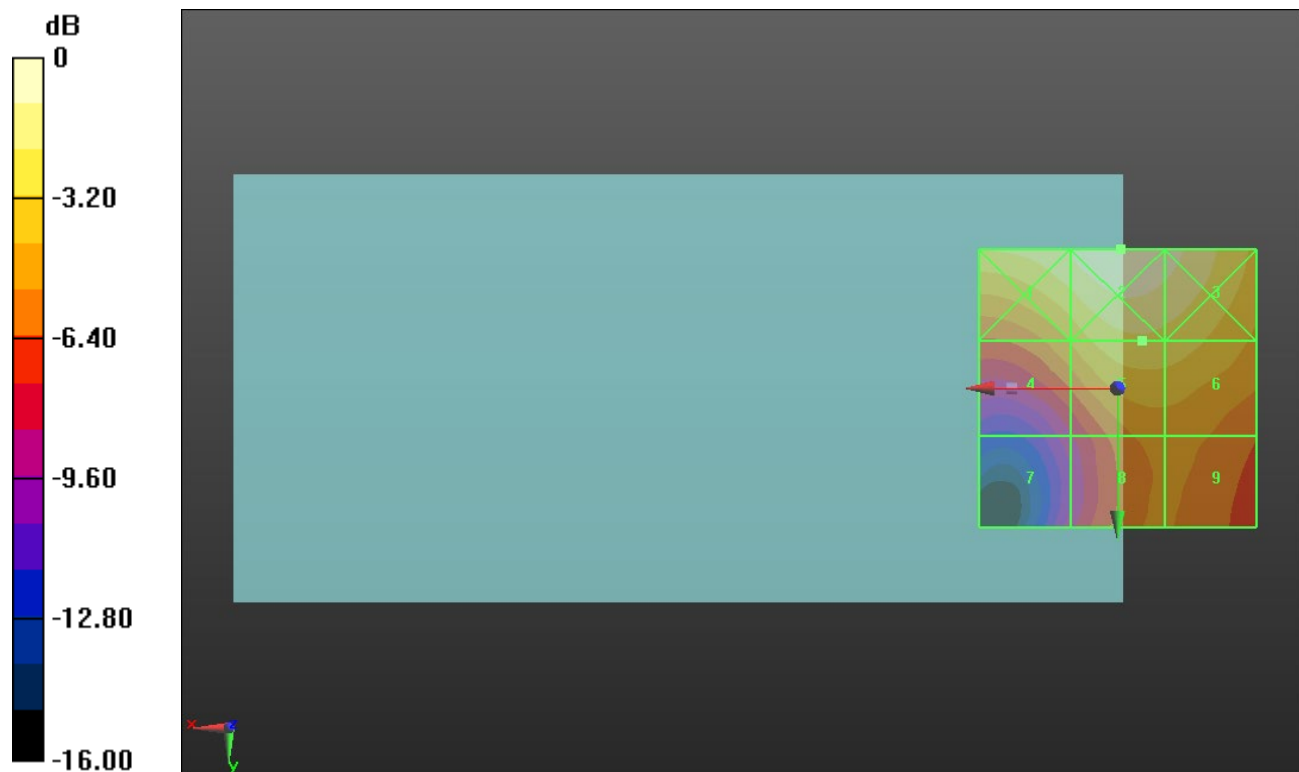
Applied MIF = 3.63 dB

RF audio interference level = 29.41 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>30.84 dBV/m</b>	Grid 2 <b>M3</b> <b>31.76 dBV/m</b>	Grid 3 <b>M3</b> <b>31.23 dBV/m</b>
Grid 4 <b>M4</b> <b>27.57 dBV/m</b>	Grid 5 <b>M4</b> <b>29.41 dBV/m</b>	Grid 6 <b>M4</b> <b>29.24 dBV/m</b>
Grid 7 <b>M4</b> <b>23.09 dBV/m</b>	Grid 8 <b>M4</b> <b>26.9 dBV/m</b>	Grid 9 <b>M4</b> <b>26.9 dBV/m</b>



0 dB = 38.73 V/m = 31.76 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 = 23.15 V/m; Power Drift = -0.11 dB

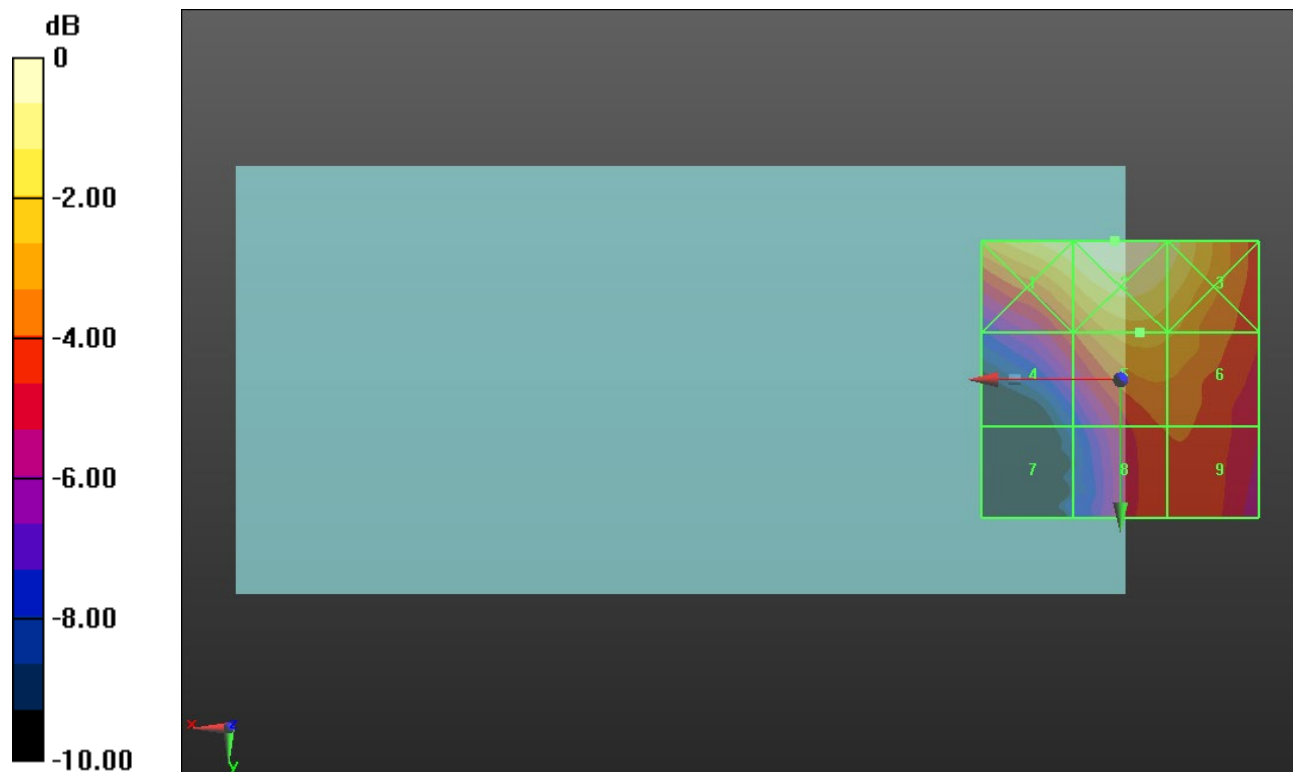
Applied MIF = 3.63 dB

RF audio interference level = 29.82 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>31.53 dBV/m</b>	Grid 2 <b>M3</b> <b>32.11 dBV/m</b>	Grid 3 <b>M3</b> <b>31.23 dBV/m</b>
Grid 4 <b>M4</b> <b>28.06 dBV/m</b>	Grid 5 <b>M4</b> <b>29.82 dBV/m</b>	Grid 6 <b>M4</b> <b>29.59 dBV/m</b>
Grid 7 <b>M4</b> <b>25.89 dBV/m</b>	Grid 8 <b>M4</b> <b>28.18 dBV/m</b>	Grid 9 <b>M4</b> <b>28.21 dBV/m</b>



0 dB = 40.33 V/m = 32.11 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 = 16.26 V/m; Power Drift = -0.06 dB

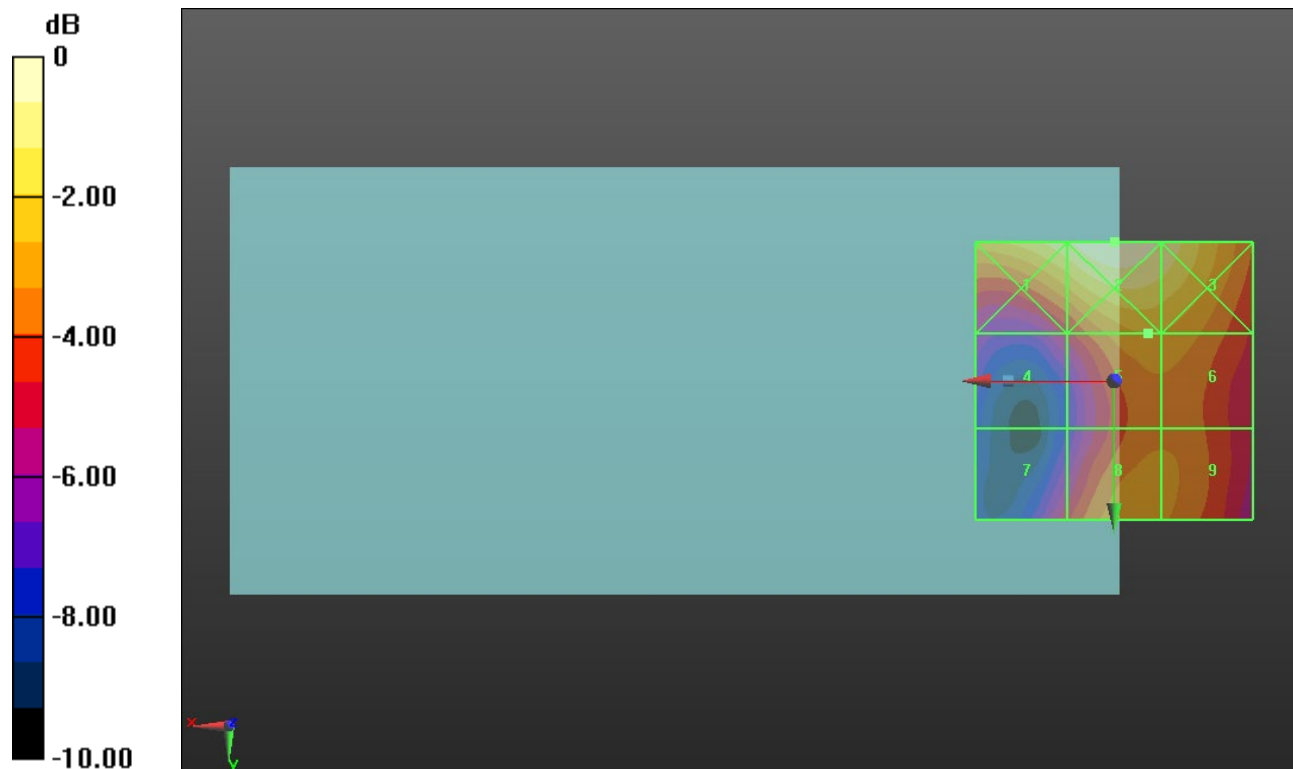
Applied MIF = -1.44 dB

RF audio interference level = 22.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.68 dBV/m</b>	Grid 2 <b>M4</b> <b>25.44 dBV/m</b>	Grid 3 <b>M4</b> <b>24.73 dBV/m</b>
Grid 4 <b>M4</b> <b>20.43 dBV/m</b>	Grid 5 <b>M4</b> <b>22.78 dBV/m</b>	Grid 6 <b>M4</b> <b>22.72 dBV/m</b>
Grid 7 <b>M4</b> <b>20.62 dBV/m</b>	Grid 8 <b>M4</b> <b>22.55 dBV/m</b>	Grid 9 <b>M4</b> <b>22.32 dBV/m</b>



0 dB = 18.70 V/m = 25.44 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 = 12.00 V/m; Power Drift = 0.17 dB

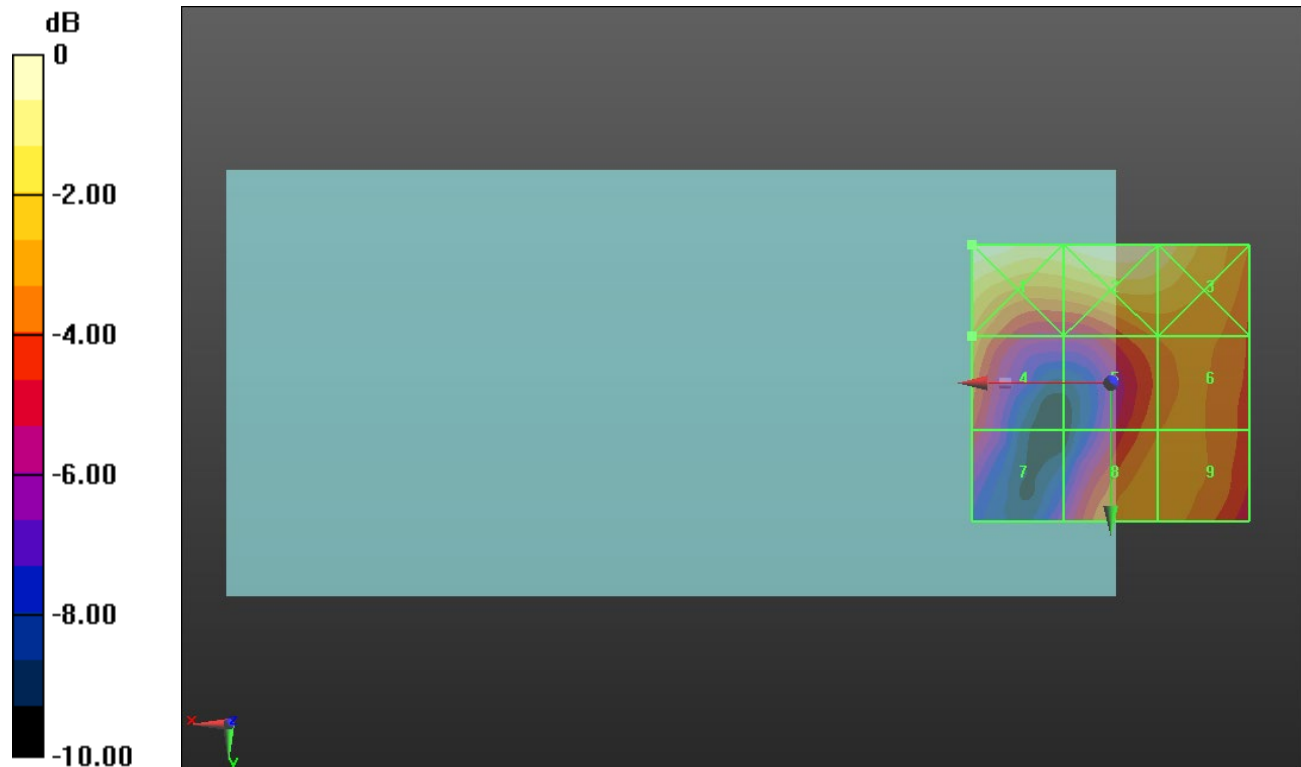
Applied MIF = -1.44 dB

RF audio interference level = 21.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.65 dBV/m</b>	Grid 2 <b>M4</b> <b>24.56 dBV/m</b>	Grid 3 <b>M4</b> <b>23.91 dBV/m</b>
Grid 4 <b>M4</b> <b>21.98 dBV/m</b>	Grid 5 <b>M4</b> <b>21.41 dBV/m</b>	Grid 6 <b>M4</b> <b>21.55 dBV/m</b>
Grid 7 <b>M4</b> <b>19.96 dBV/m</b>	Grid 8 <b>M4</b> <b>21.71 dBV/m</b>	Grid 9 <b>M4</b> <b>21.7 dBV/m</b>



0 dB = 17.07 V/m = 24.64 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 = 14.47 V/m; Power Drift = -0.40 dB

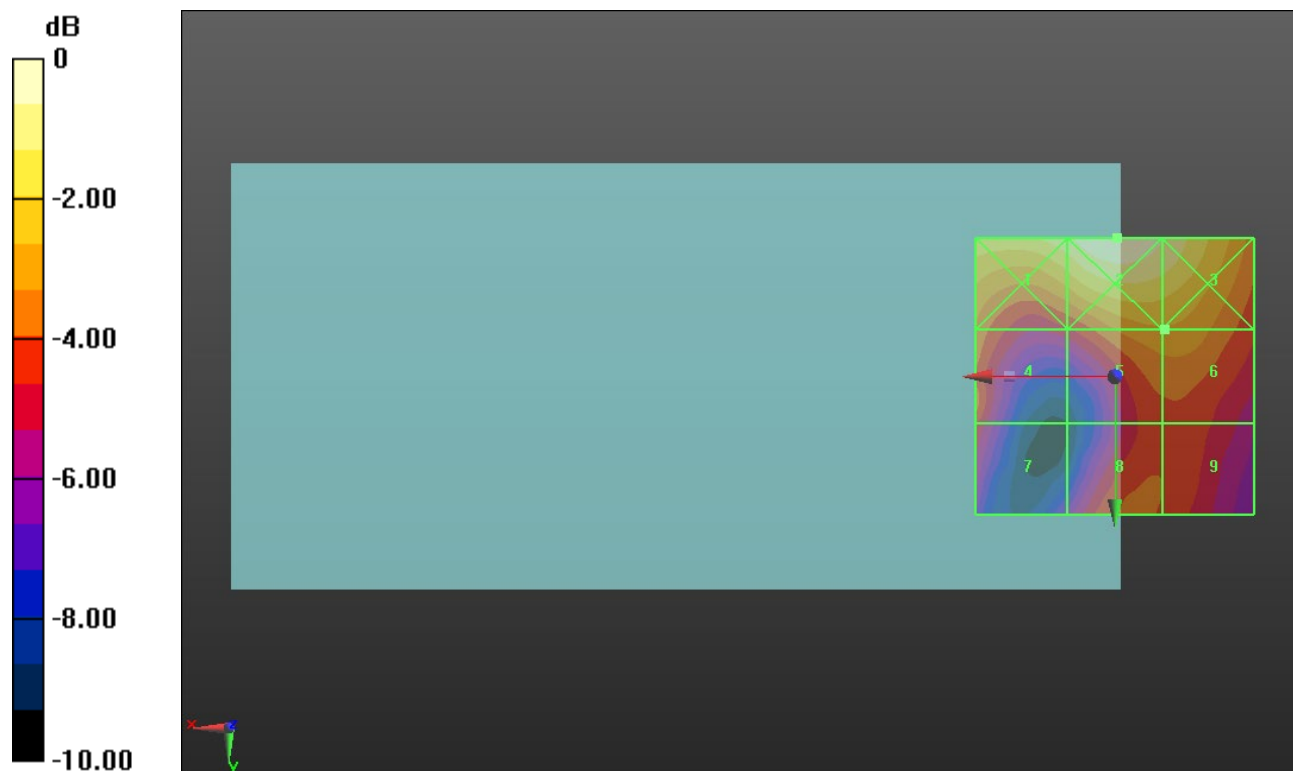
Applied MIF = -1.44 dB

RF audio interference level = 21.92 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>23.88 dBV/m</b>	<b>Grid 2 M4</b> <b>24.66 dBV/m</b>	<b>Grid 3 M4</b> <b>24.05 dBV/m</b>
<b>Grid 4 M4</b> <b>21.24 dBV/m</b>	<b>Grid 5 M4</b> <b>21.92 dBV/m</b>	<b>Grid 6 M4</b> <b>21.92 dBV/m</b>
<b>Grid 7 M4</b> <b>20.05 dBV/m</b>	<b>Grid 8 M4</b> <b>20.81 dBV/m</b>	<b>Grid 9 M4</b> <b>20.68 dBV/m</b>



0 dB = 17.10 V/m = 24.66 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 = 16.93 V/m; Power Drift = 0.02 dB

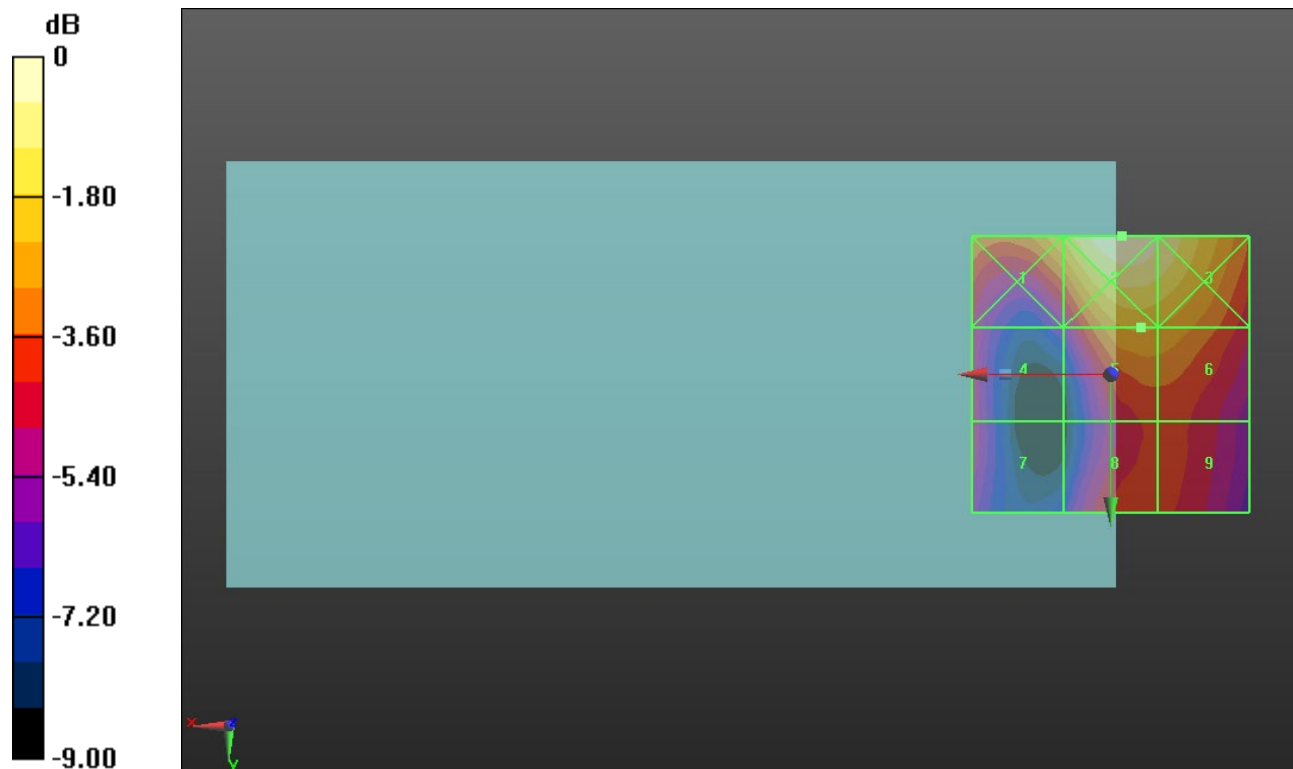
Applied MIF = -1.44 dB

RF audio interference level = 23.04 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.66 dBV/m</b>	Grid 2 <b>M4</b> <b>25.3 dBV/m</b>	Grid 3 <b>M4</b> <b>24.78 dBV/m</b>
Grid 4 <b>M4</b> <b>20.67 dBV/m</b>	Grid 5 <b>M4</b> <b>23.04 dBV/m</b>	Grid 6 <b>M4</b> <b>22.9 dBV/m</b>
Grid 7 <b>M4</b> <b>20.37 dBV/m</b>	Grid 8 <b>M4</b> <b>21.42 dBV/m</b>	Grid 9 <b>M4</b> <b>21.47 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\_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 = 19.45 V/m; Power Drift = -0.11 dB

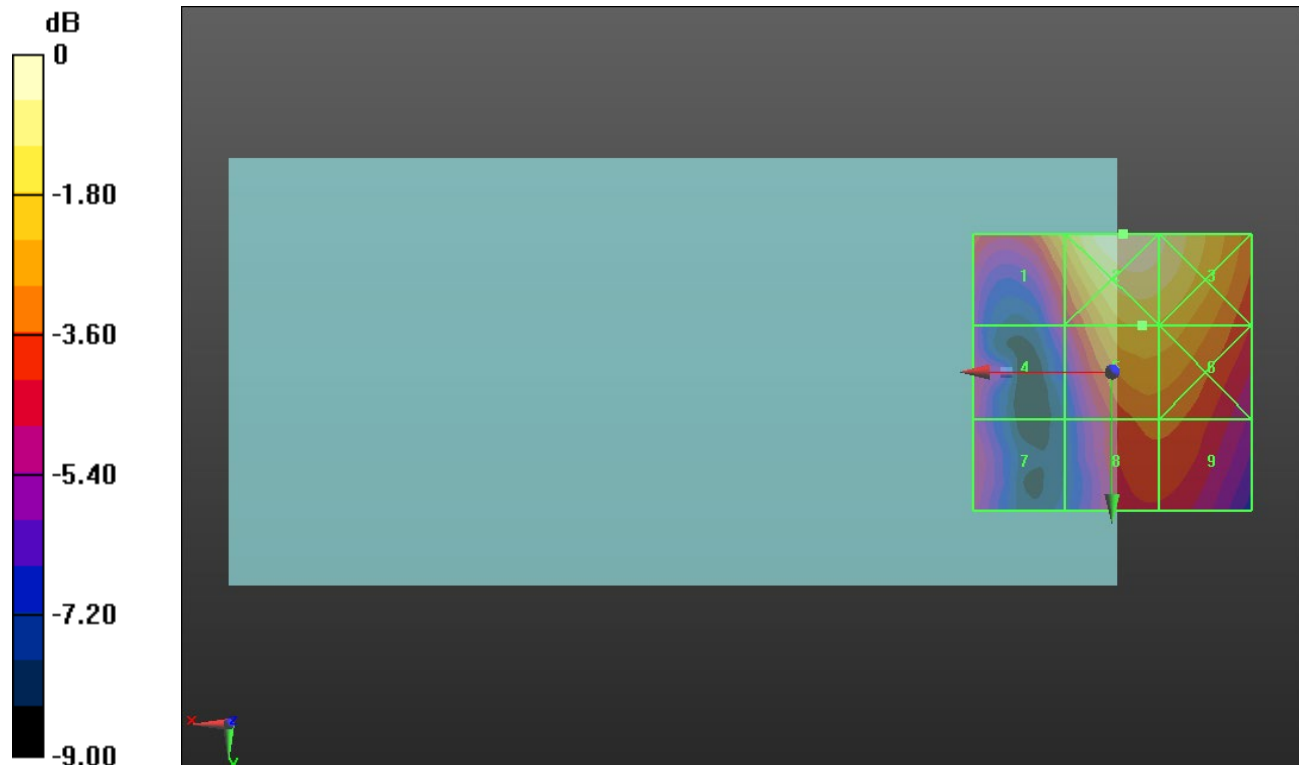
Applied MIF = -1.44 dB

RF audio interference level = 23.29 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.13 dBV/m</b>	Grid 2 <b>M4</b> <b>25.03 dBV/m</b>	Grid 3 <b>M4</b> <b>24.61 dBV/m</b>
Grid 4 <b>M4</b> <b>20.22 dBV/m</b>	Grid 5 <b>M4</b> <b>23.29 dBV/m</b>	Grid 6 <b>M4</b> <b>23.16 dBV/m</b>
Grid 7 <b>M4</b> <b>20.39 dBV/m</b>	Grid 8 <b>M4</b> <b>21.66 dBV/m</b>	Grid 9 <b>M4</b> <b>21.65 dBV/m</b>



0 dB = 17.84 V/m = 25.03 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 = 20.87 V/m; Power Drift = -0.18 dB

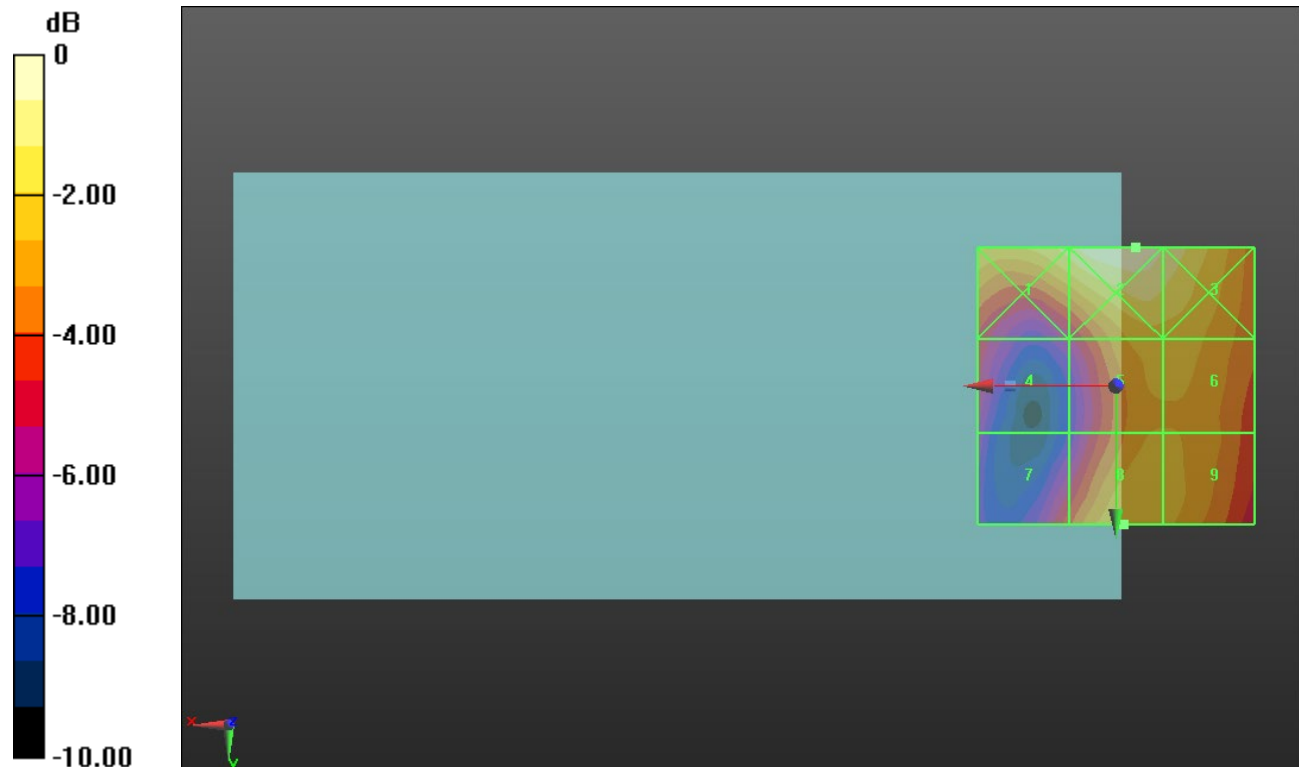
Applied MIF = -1.44 dB

RF audio interference level = 24.82 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>26.06 dBV/m</b>	<b>Grid 2 M4</b> <b>27.02 dBV/m</b>	<b>Grid 3 M4</b> <b>26.38 dBV/m</b>
<b>Grid 4 M4</b> <b>22.35 dBV/m</b>	<b>Grid 5 M4</b> <b>24.81 dBV/m</b>	<b>Grid 6 M4</b> <b>24.79 dBV/m</b>
<b>Grid 7 M4</b> <b>22.84 dBV/m</b>	<b>Grid 8 M4</b> <b>24.82 dBV/m</b>	<b>Grid 9 M4</b> <b>24.68 dBV/m</b>



0 dB = 22.44 V/m = 27.02 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 = 13.96 V/m; Power Drift = -0.24 dB

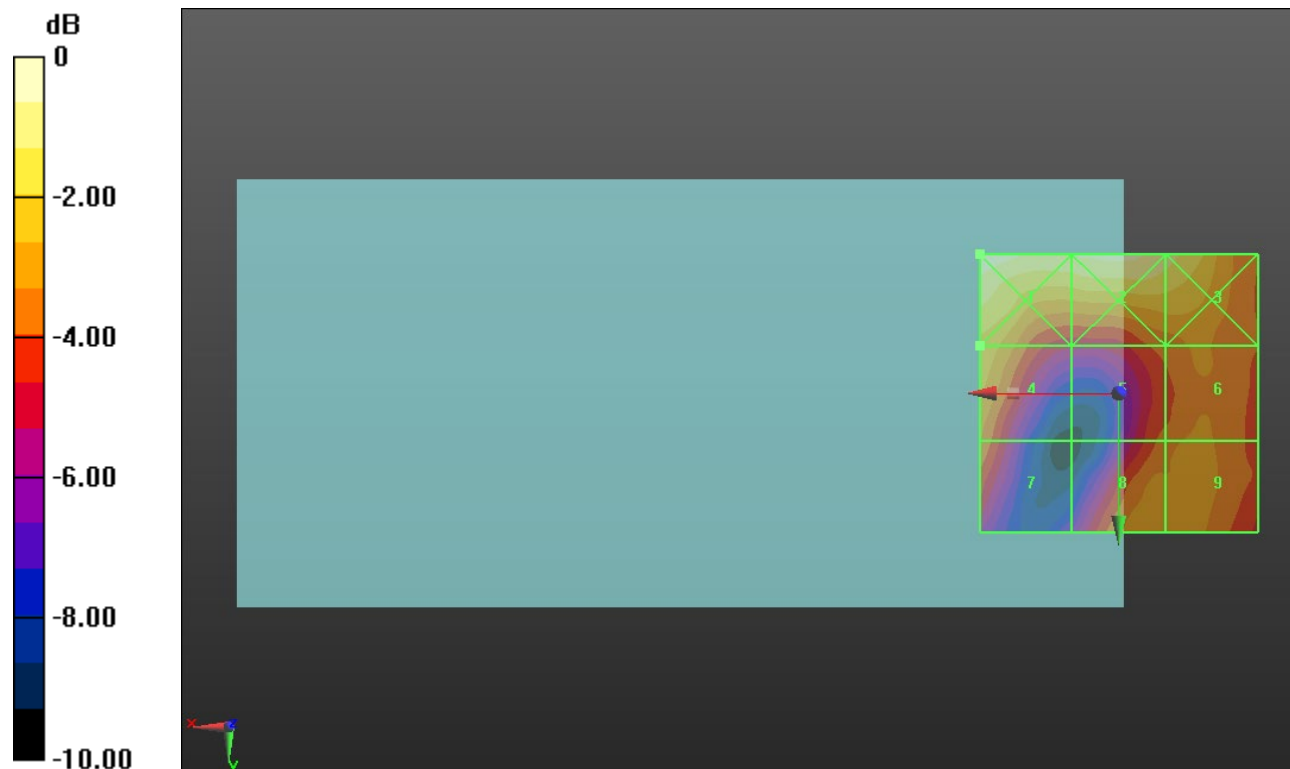
Applied MIF = -1.44 dB

RF audio interference level = 24.83 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>26.95 dBV/m</b>	<b>Grid 2 M4</b> <b>26.49 dBV/m</b>	<b>Grid 3 M4</b> <b>25.93 dBV/m</b>
<b>Grid 4 M4</b> <b>24.83 dBV/m</b>	<b>Grid 5 M4</b> <b>23.29 dBV/m</b>	<b>Grid 6 M4</b> <b>23.74 dBV/m</b>
<b>Grid 7 M4</b> <b>23.64 dBV/m</b>	<b>Grid 8 M4</b> <b>24.11 dBV/m</b>	<b>Grid 9 M4</b> <b>24.12 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 = 16.63 V/m; Power Drift = 0.16 dB

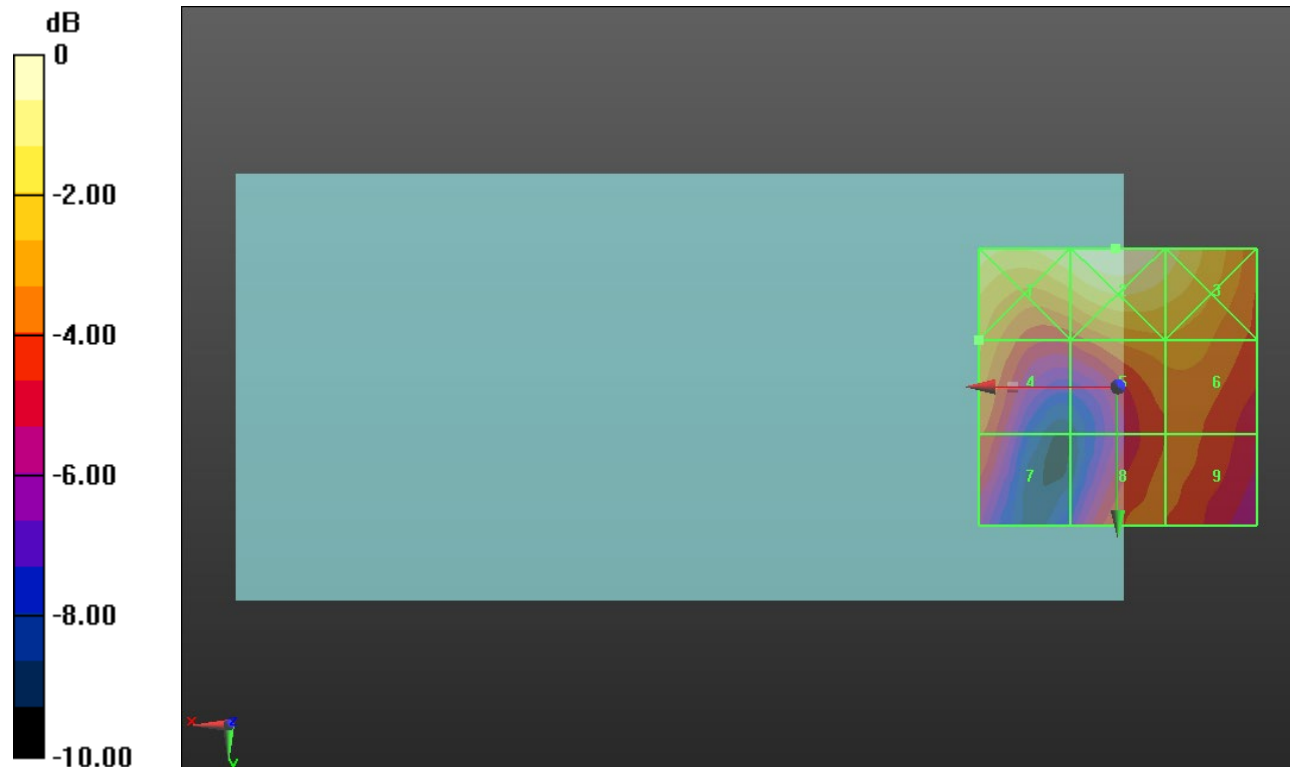
Applied MIF = -1.44 dB

RF audio interference level = 24.14 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>26.08 dBV/m</b>	<b>Grid 2 M4</b> <b>26.63 dBV/m</b>	<b>Grid 3 M4</b> <b>25.77 dBV/m</b>
<b>Grid 4 M4</b> <b>24.14 dBV/m</b>	<b>Grid 5 M4</b> <b>23.83 dBV/m</b>	<b>Grid 6 M4</b> <b>23.83 dBV/m</b>
<b>Grid 7 M4</b> <b>22.74 dBV/m</b>	<b>Grid 8 M4</b> <b>22.76 dBV/m</b>	<b>Grid 9 M4</b> <b>22.79 dBV/m</b>



0 dB = 21.46 V/m = 26.63 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 = 22.70 V/m; Power Drift = -0.05 dB

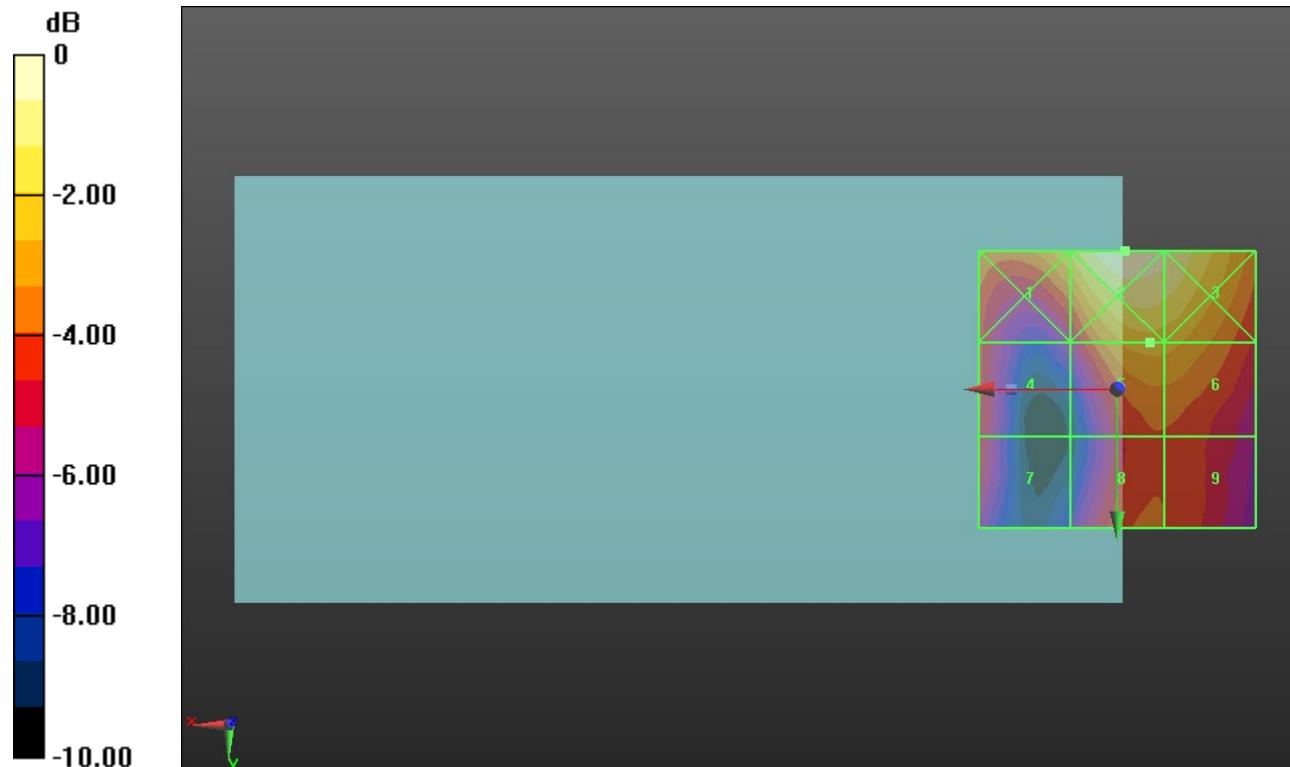
Applied MIF = -1.44 dB

RF audio interference level = 25.26 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>25.7 dBV/m</b>	<b>Grid 2 M4</b> <b>27.52 dBV/m</b>	<b>Grid 3 M4</b> <b>27.05 dBV/m</b>
<b>Grid 4 M4</b> <b>23.22 dBV/m</b>	<b>Grid 5 M4</b> <b>25.26 dBV/m</b>	<b>Grid 6 M4</b> <b>25.14 dBV/m</b>
<b>Grid 7 M4</b> <b>22.86 dBV/m</b>	<b>Grid 8 M4</b> <b>23.65 dBV/m</b>	<b>Grid 9 M4</b> <b>23.53 dBV/m</b>



0 dB = 23.78 V/m = 27.52 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 = 24.17 V/m; Power Drift = 0.12 dB

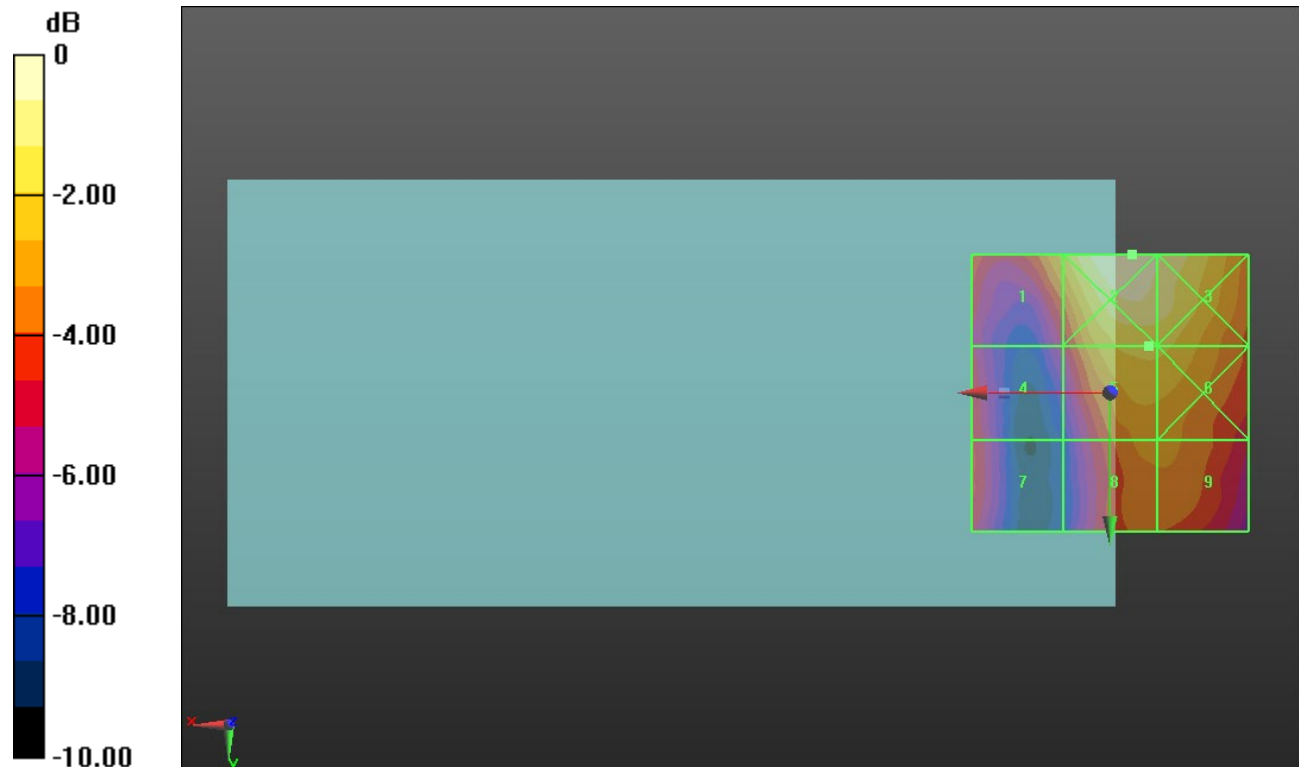
Applied MIF = -1.44 dB

RF audio interference level = 25.46 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.96 dBV/m</b>	Grid 2 <b>M4</b> <b>27.25 dBV/m</b>	Grid 3 <b>M4</b> <b>26.76 dBV/m</b>
Grid 4 <b>M4</b> <b>22.74 dBV/m</b>	Grid 5 <b>M4</b> <b>25.46 dBV/m</b>	Grid 6 <b>M4</b> <b>25.44 dBV/m</b>
Grid 7 <b>M4</b> <b>22.81 dBV/m</b>	Grid 8 <b>M4</b> <b>24.15 dBV/m</b>	Grid 9 <b>M4</b> <b>24.15 dBV/m</b>



0 dB = 23.03 V/m = 27.25 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 = 6.076 V/m; Power Drift = -0.29 dB

Applied MIF = -2.02 dB

RF audio interference level = 12.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>12.5 dBV/m</b>	Grid 2 <b>M4</b> <b>12.04 dBV/m</b>	Grid 3 <b>M4</b> <b>9.46 dBV/m</b>
Grid 4 <b>M4</b> <b>13 dBV/m</b>	Grid 5 <b>M4</b> <b>11.94 dBV/m</b>	Grid 6 <b>M4</b> <b>9.74 dBV/m</b>
Grid 7 <b>M4</b> <b>12.56 dBV/m</b>	Grid 8 <b>M4</b> <b>11.69 dBV/m</b>	Grid 9 <b>M4</b> <b>9.86 dBV/m</b>



0 dB = 4.466 V/m = 13.00 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 = 5.543 V/m; Power Drift = -0.16 dB

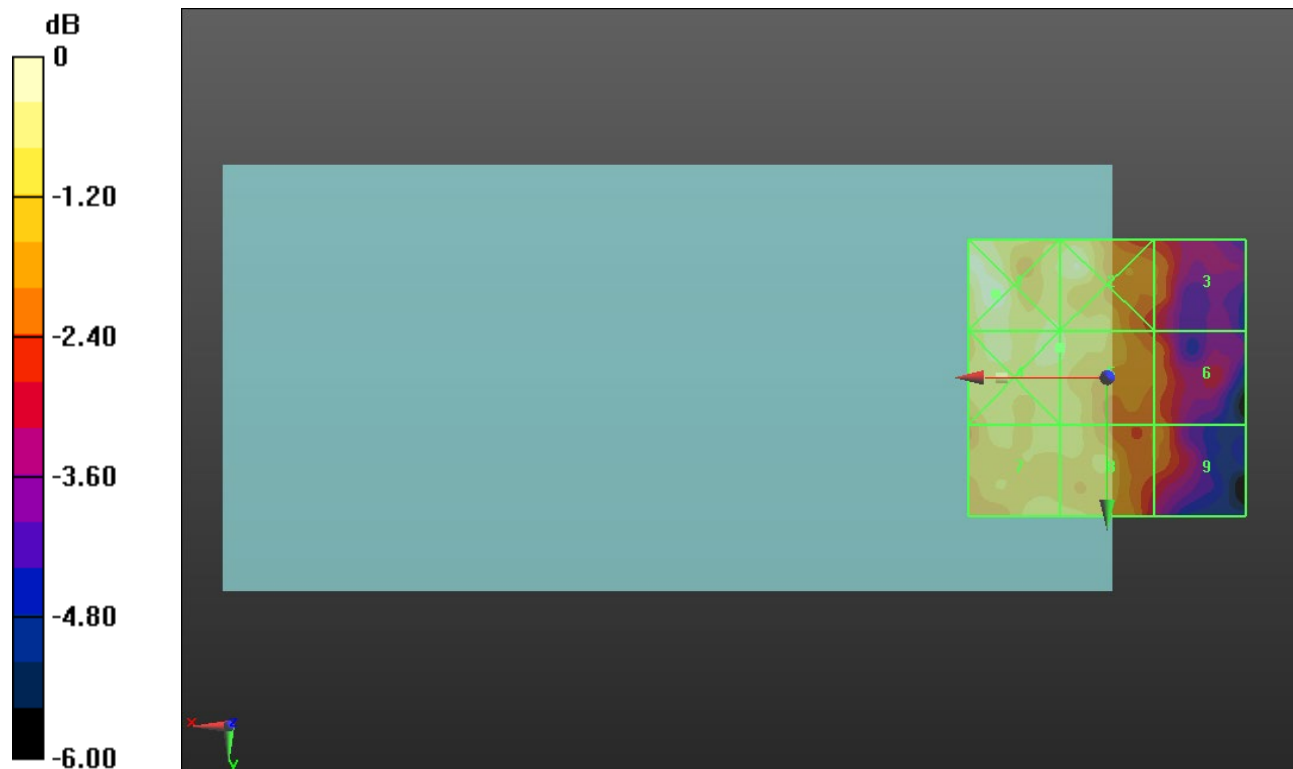
Applied MIF = -2.02 dB

RF audio interference level = 12.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> 12.8 dBV/m	Grid 2 <b>M4</b> 12.44 dBV/m	Grid 3 <b>M4</b> 10.92 dBV/m
Grid 4 <b>M4</b> 12.36 dBV/m	Grid 5 <b>M4</b> 12.22 dBV/m	Grid 6 <b>M4</b> 10.83 dBV/m
Grid 7 <b>M4</b> 12.01 dBV/m	Grid 8 <b>M4</b> 11.96 dBV/m	Grid 9 <b>M4</b> 10.99 dBV/m



0 dB = 4.368 V/m = 12.81 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 = 5.612 V/m; Power Drift = -0.38 dB

Applied MIF = -2.02 dB

RF audio interference level = 12.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>12.54 dBV/m</b>	Grid 2 <b>M4</b> <b>11.8 dBV/m</b>	Grid 3 <b>M4</b> <b>9.8 dBV/m</b>
Grid 4 <b>M4</b> <b>13.88 dBV/m</b>	Grid 5 <b>M4</b> <b>12.56 dBV/m</b>	Grid 6 <b>M4</b> <b>9.84 dBV/m</b>
Grid 7 <b>M4</b> <b>13.7 dBV/m</b>	Grid 8 <b>M4</b> <b>12.86 dBV/m</b>	Grid 9 <b>M4</b> <b>9.94 dBV/m</b>



0 dB = 4.944 V/m = 13.88 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 = 5.123 V/m; Power Drift = 0.22 dB

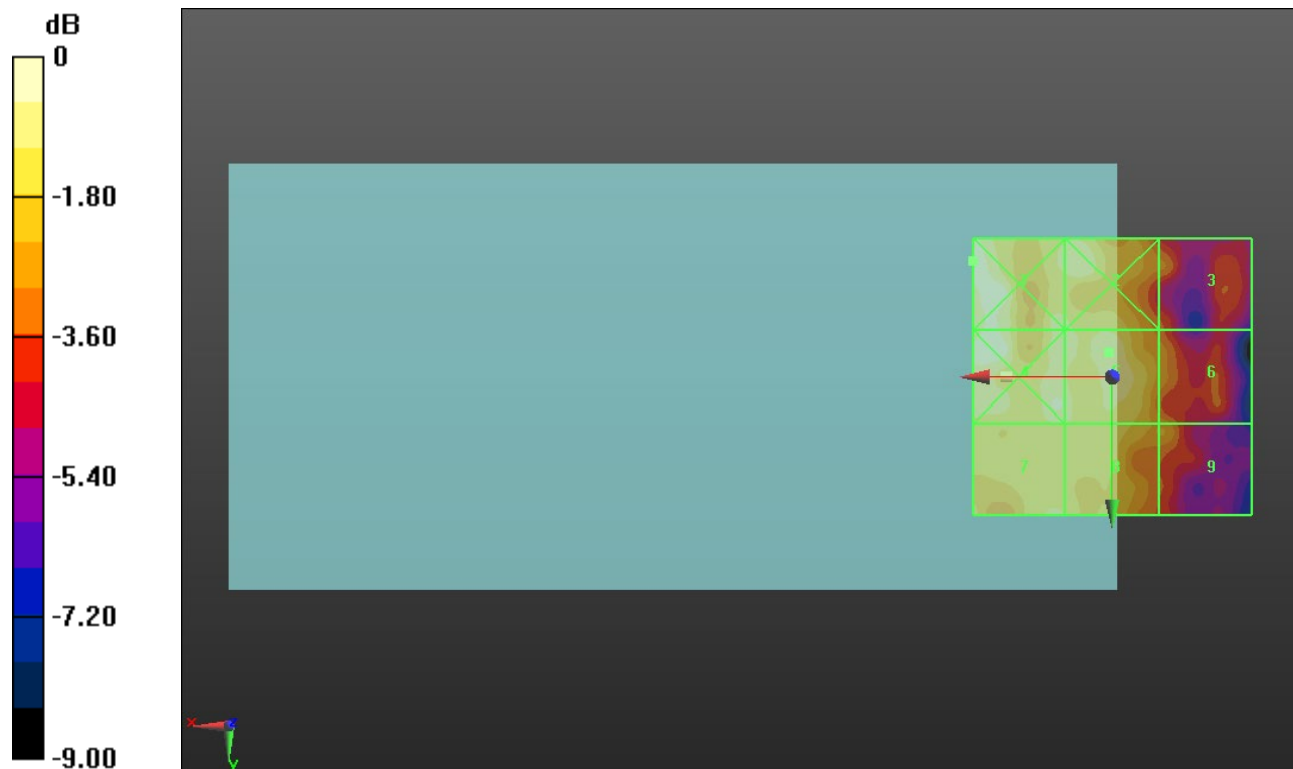
Applied MIF = 0.12 dB

RF audio interference level = 13.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.19 dBV/m</b>	Grid 2 <b>M4</b> <b>13.58 dBV/m</b>	Grid 3 <b>M4</b> <b>11.36 dBV/m</b>
Grid 4 <b>M4</b> <b>14.01 dBV/m</b>	Grid 5 <b>M4</b> <b>13.6 dBV/m</b>	Grid 6 <b>M4</b> <b>11.66 dBV/m</b>
Grid 7 <b>M4</b> <b>13.12 dBV/m</b>	Grid 8 <b>M4</b> <b>13.01 dBV/m</b>	Grid 9 <b>M4</b> <b>11.86 dBV/m</b>



0 dB = 5.124 V/m = 14.19 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 = 5.349 V/m; Power Drift = 0.28 dB

Applied MIF = 0.12 dB

RF audio interference level = 13.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.23 dBV/m</b>	Grid 2 <b>M4</b> <b>13.93 dBV/m</b>	Grid 3 <b>M4</b> <b>11.78 dBV/m</b>
Grid 4 <b>M4</b> <b>14 dBV/m</b>	Grid 5 <b>M4</b> <b>13.52 dBV/m</b>	Grid 6 <b>M4</b> <b>11.9 dBV/m</b>
Grid 7 <b>M4</b> <b>13.66 dBV/m</b>	Grid 8 <b>M4</b> <b>13.16 dBV/m</b>	Grid 9 <b>M4</b> <b>12.03 dBV/m</b>



0 dB = 5.147 V/m = 14.23 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 = 5.568 V/m; Power Drift = 0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 13.95 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.96 dBV/m</b>	Grid 2 <b>M4</b> <b>13.95 dBV/m</b>	Grid 3 <b>M4</b> <b>11.98 dBV/m</b>
Grid 4 <b>M4</b> <b>14.67 dBV/m</b>	Grid 5 <b>M4</b> <b>13.82 dBV/m</b>	Grid 6 <b>M4</b> <b>12.71 dBV/m</b>
Grid 7 <b>M4</b> <b>14.88 dBV/m</b>	Grid 8 <b>M4</b> <b>13.86 dBV/m</b>	Grid 9 <b>M4</b> <b>12.84 dBV/m</b>



0 dB = 5.595 V/m = 14.96 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 = 23.11 V/m; Power Drift = 0.01 dB

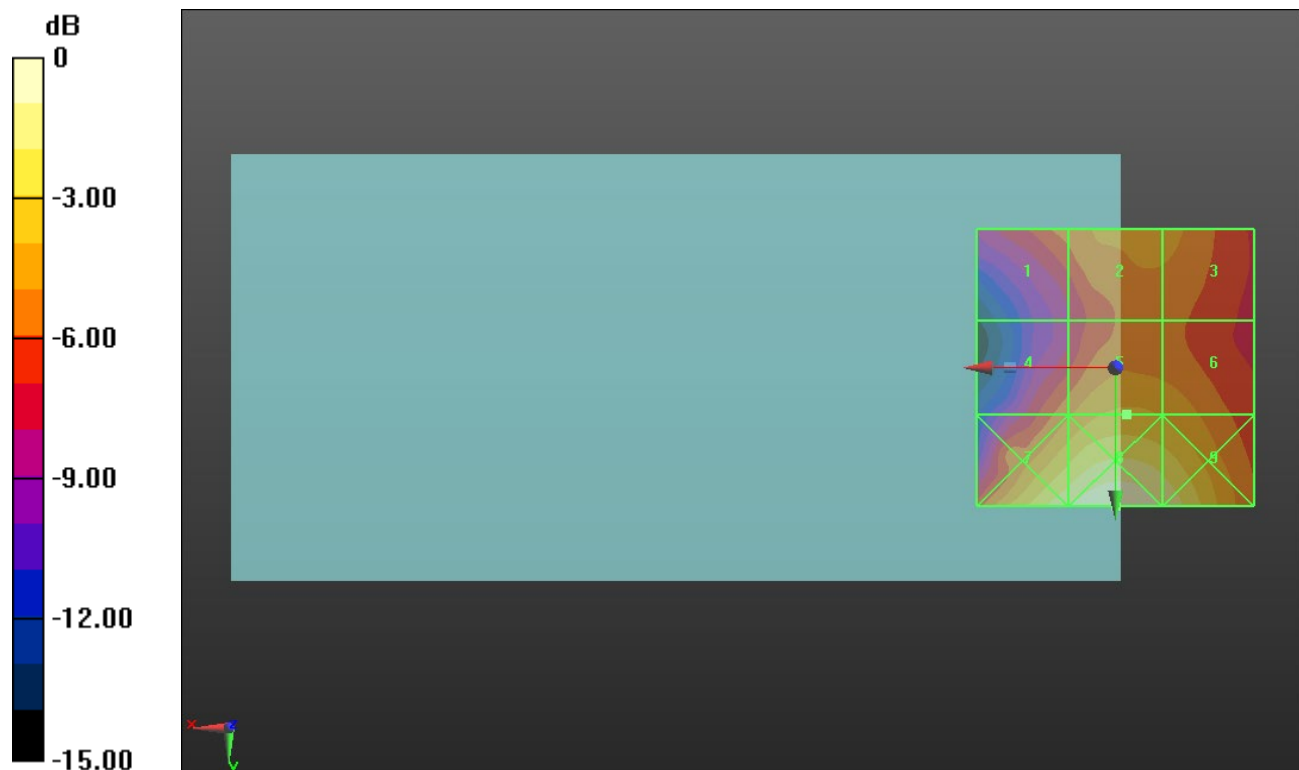
Applied MIF = 3.63 dB

RF audio interference level = 29.78 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.08 dBV/m</b>	Grid 2 <b>M4</b> <b>29.1 dBV/m</b>	Grid 3 <b>M4</b> <b>28.98 dBV/m</b>
Grid 4 <b>M4</b> <b>28.37 dBV/m</b>	Grid 5 <b>M4</b> <b>29.78 dBV/m</b>	Grid 6 <b>M4</b> <b>29.46 dBV/m</b>
Grid 7 <b>M3</b> <b>32.52 dBV/m</b>	Grid 8 <b>M3</b> <b>33.5 dBV/m</b>	Grid 9 <b>M3</b> <b>32.48 dBV/m</b>



0 dB = 47.34 V/m = 33.50 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 = 20.53 V/m; Power Drift = -0.27 dB

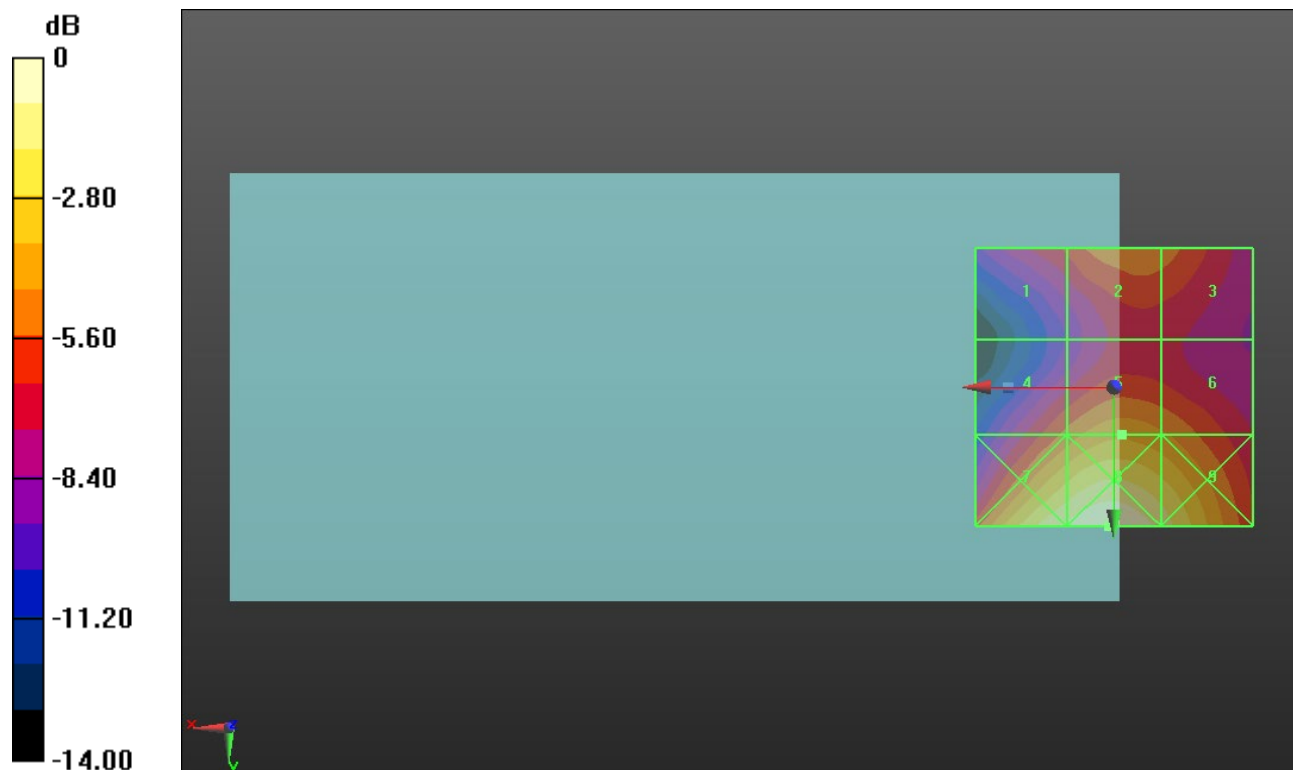
Applied MIF = 3.63 dB

RF audio interference level = 29.32 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.96 dBV/m</b>	Grid 2 <b>M4</b> <b>28.36 dBV/m</b>	Grid 3 <b>M4</b> <b>28.13 dBV/m</b>
Grid 4 <b>M4</b> <b>27.99 dBV/m</b>	Grid 5 <b>M4</b> <b>29.32 dBV/m</b>	Grid 6 <b>M4</b> <b>28.78 dBV/m</b>
Grid 7 <b>M3</b> <b>32.58 dBV/m</b>	Grid 8 <b>M3</b> <b>33.24 dBV/m</b>	Grid 9 <b>M3</b> <b>31.92 dBV/m</b>



0 dB = 45.94 V/m = 33.24 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 = 23.97 V/m; Power Drift = 0.09 dB

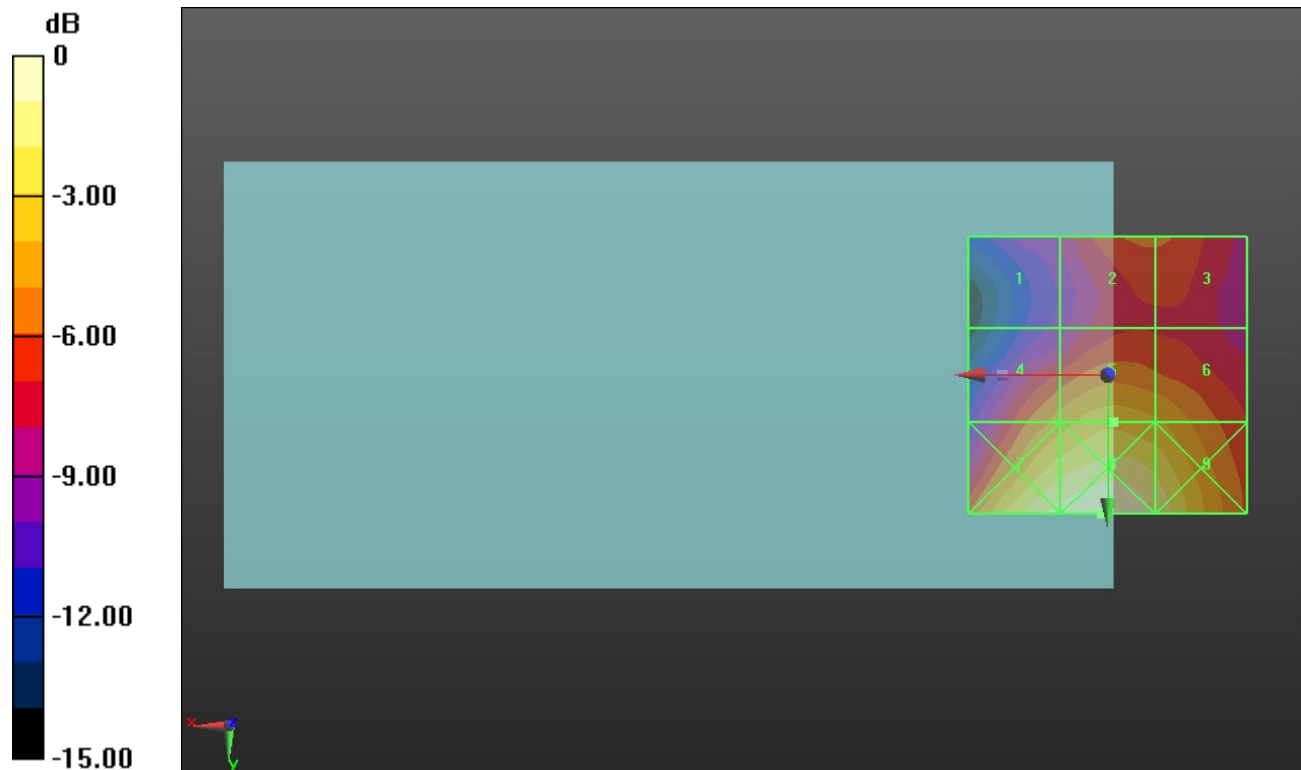
Applied MIF = 3.63 dB

RF audio interference level = 30.80 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.33 dBV/m</b>	Grid 2 <b>M4</b> <b>28.38 dBV/m</b>	Grid 3 <b>M4</b> <b>28.35 dBV/m</b>
Grid 4 <b>M4</b> <b>29.6 dBV/m</b>	Grid 5 <b>M3</b> <b>30.8 dBV/m</b>	Grid 6 <b>M3</b> <b>30.27 dBV/m</b>
Grid 7 <b>M3</b> <b>33.59 dBV/m</b>	Grid 8 <b>M3</b> <b>34.06 dBV/m</b>	Grid 9 <b>M3</b> <b>32.96 dBV/m</b>



0 dB = 50.49 V/m = 34.06 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 = 21.17 V/m; Power Drift = -0.04 dB

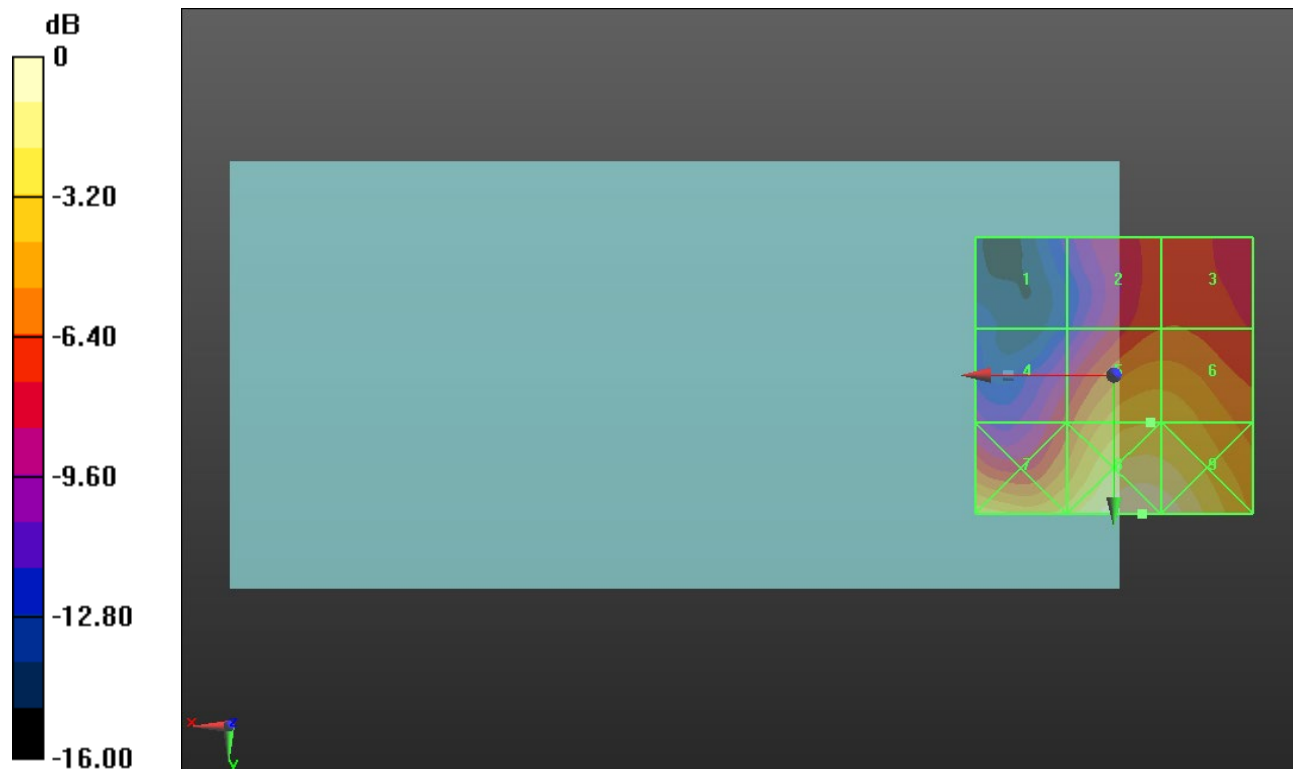
Applied MIF = -1.44 dB

RF audio interference level = 24.79 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>16.89 dBV/m</b>	Grid 2 <b>M4</b> <b>21.61 dBV/m</b>	Grid 3 <b>M4</b> <b>21.69 dBV/m</b>
Grid 4 <b>M4</b> <b>21.02 dBV/m</b>	Grid 5 <b>M4</b> <b>24.79 dBV/m</b>	Grid 6 <b>M4</b> <b>24.73 dBV/m</b>
Grid 7 <b>M4</b> <b>25.77 dBV/m</b>	Grid 8 <b>M4</b> <b>28 dBV/m</b>	Grid 9 <b>M4</b> <b>27.75 dBV/m</b>



0 dB = 25.13 V/m = 28.00 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 = 22.30 V/m; Power Drift = 0.04 dB

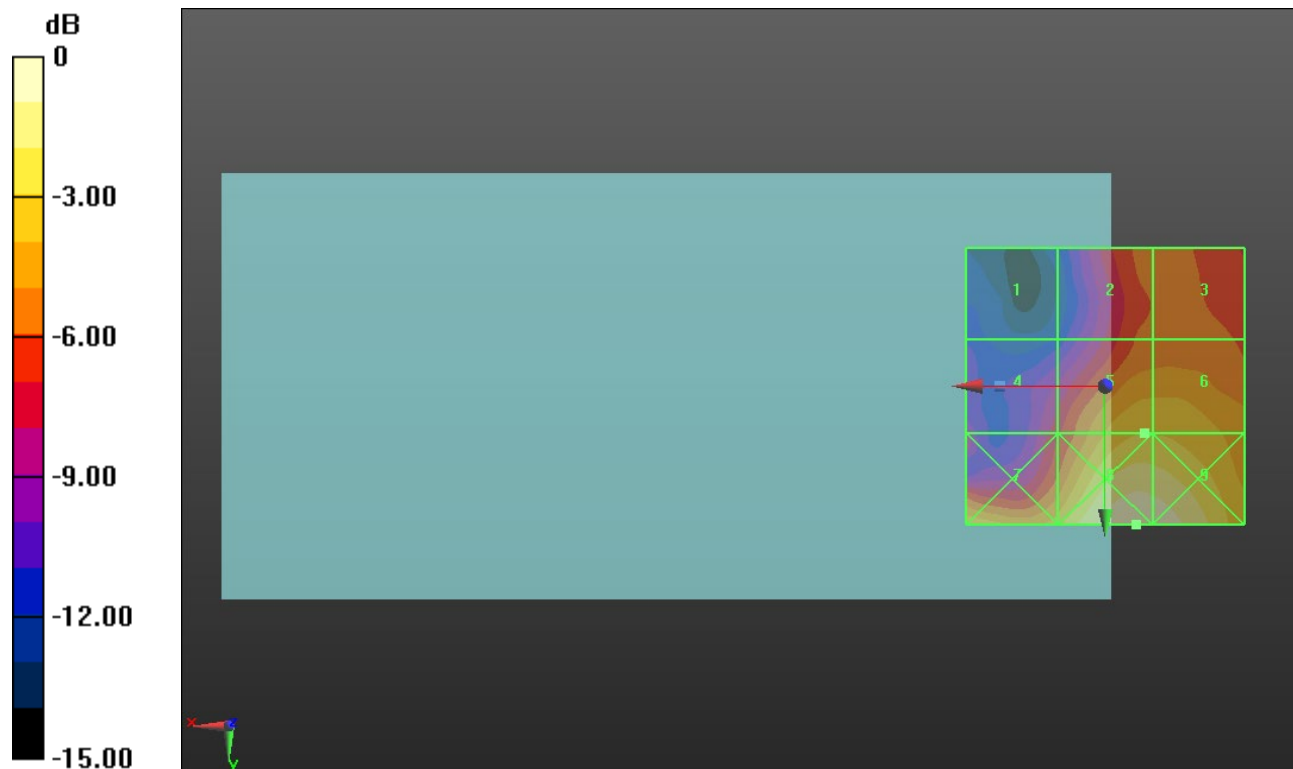
Applied MIF = -1.44 dB

RF audio interference level = 24.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>16.73 dBV/m</b>	Grid 2 <b>M4</b> <b>22.31 dBV/m</b>	Grid 3 <b>M4</b> <b>22.35 dBV/m</b>
Grid 4 <b>M4</b> <b>20.73 dBV/m</b>	Grid 5 <b>M4</b> <b>24.93 dBV/m</b>	Grid 6 <b>M4</b> <b>24.89 dBV/m</b>
Grid 7 <b>M4</b> <b>25.06 dBV/m</b>	Grid 8 <b>M4</b> <b>27.89 dBV/m</b>	Grid 9 <b>M4</b> <b>27.68 dBV/m</b>



0 dB = 24.80 V/m = 27.89 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 = 25.14 V/m; Power Drift = -0.03 dB

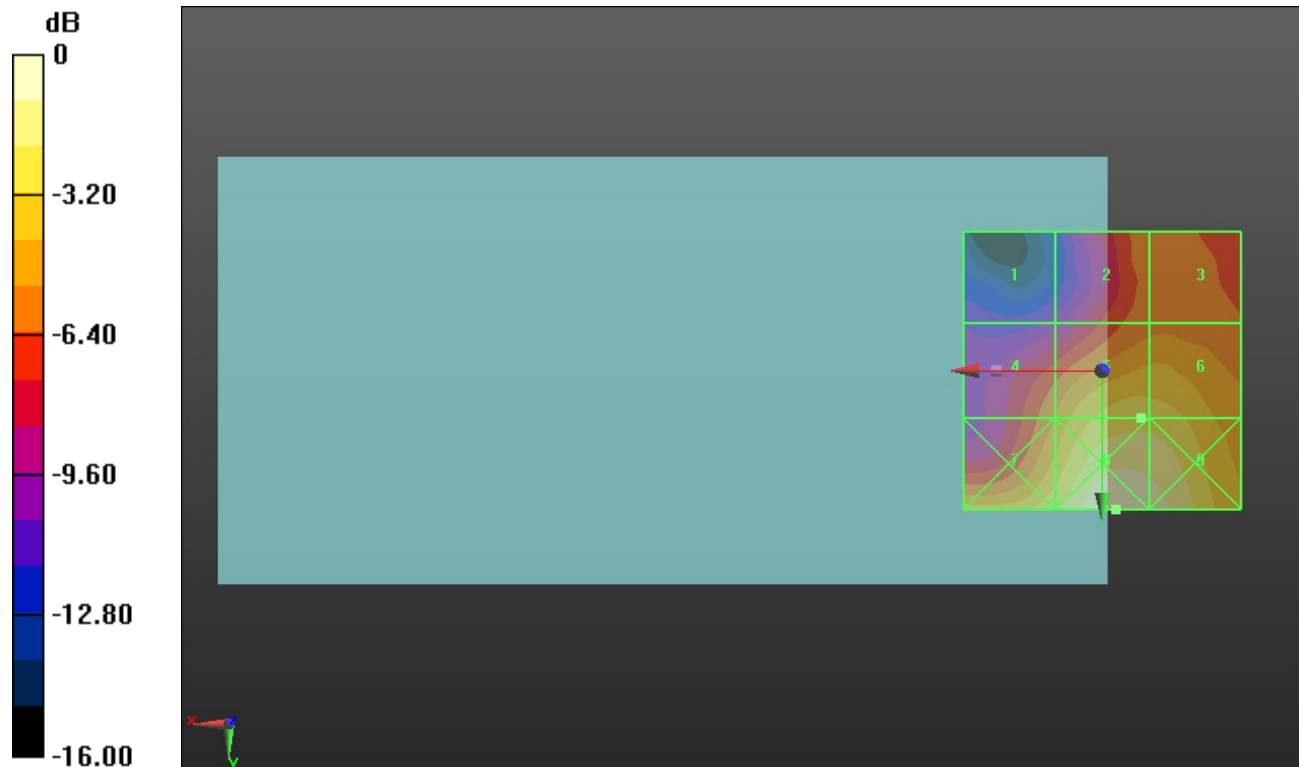
Applied MIF = -1.44 dB

RF audio interference level = 25.77 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.29 dBV/m</b>	Grid 2 <b>M4</b> <b>22.64 dBV/m</b>	Grid 3 <b>M4</b> <b>22.76 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>25.76 dBV/m</b>
Grid 7 <b>M4</b> <b>26.07 dBV/m</b>	Grid 8 <b>M4</b> <b>28.29 dBV/m</b>	Grid 9 <b>M4</b> <b>27.87 dBV/m</b>



0 dB = 25.97 V/m = 28.29 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 = 26.50 V/m; Power Drift = 0.24 dB

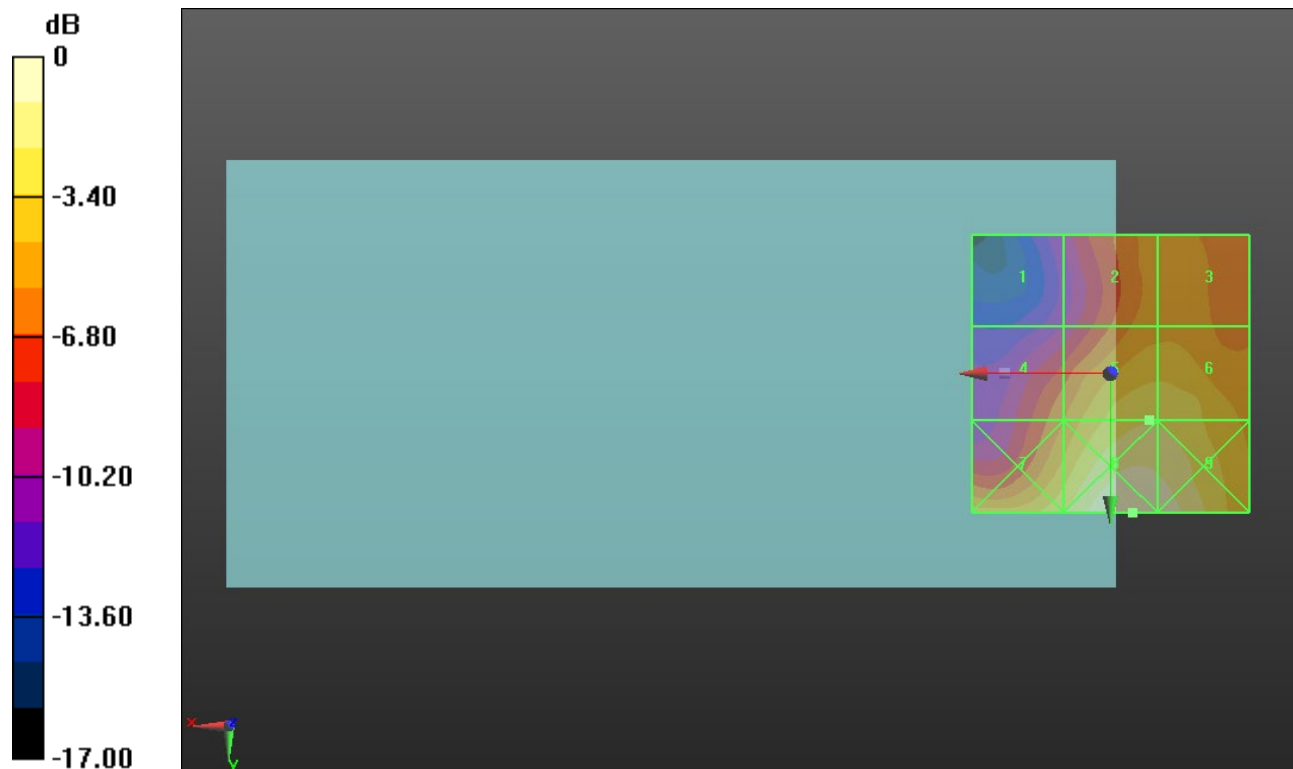
Applied MIF = -1.44 dB

RF audio interference level = 26.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.64 dBV/m</b>	Grid 2 <b>M4</b> <b>23.67 dBV/m</b>	Grid 3 <b>M4</b> <b>23.77 dBV/m</b>
Grid 4 <b>M4</b> <b>22.9 dBV/m</b>	Grid 5 <b>M4</b> <b>26.23 dBV/m</b>	Grid 6 <b>M4</b> <b>26.2 dBV/m</b>
Grid 7 <b>M4</b> <b>26.26 dBV/m</b>	Grid 8 <b>M4</b> <b>28.59 dBV/m</b>	Grid 9 <b>M4</b> <b>28.27 dBV/m</b>



0 dB = 26.88 V/m = 28.59 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 = 31.63 V/m; Power Drift = 0.05 dB

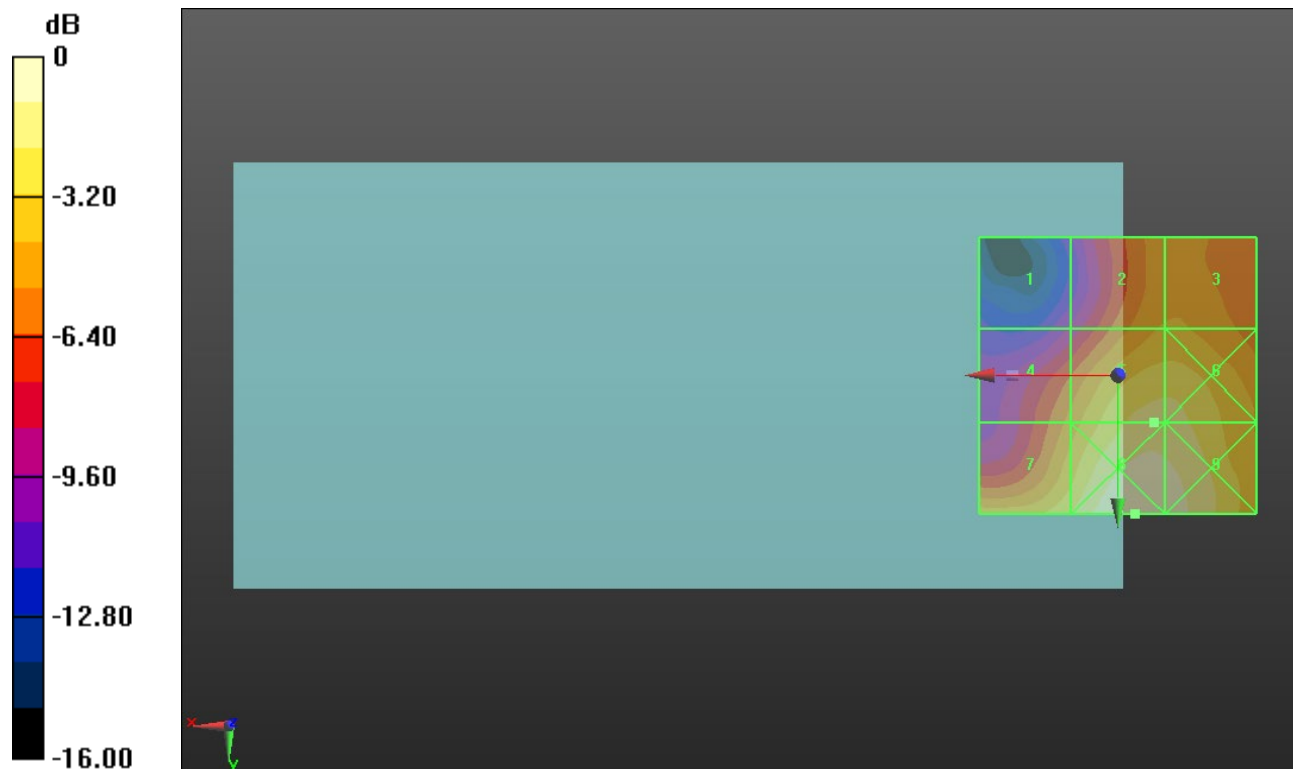
Applied MIF = -1.44 dB

RF audio interference level = 27.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.72 dBV/m</b>	Grid 2 <b>M4</b> <b>24.96 dBV/m</b>	Grid 3 <b>M4</b> <b>25.02 dBV/m</b>
Grid 4 <b>M4</b> <b>24.19 dBV/m</b>	Grid 5 <b>M4</b> <b>27.5 dBV/m</b>	Grid 6 <b>M4</b> <b>27.44 dBV/m</b>
Grid 7 <b>M4</b> <b>27.03 dBV/m</b>	Grid 8 <b>M4</b> <b>29.07 dBV/m</b>	Grid 9 <b>M4</b> <b>28.62 dBV/m</b>



0 dB = 28.40 V/m = 29.07 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 = 29.87 V/m; Power Drift = -0.04 dB

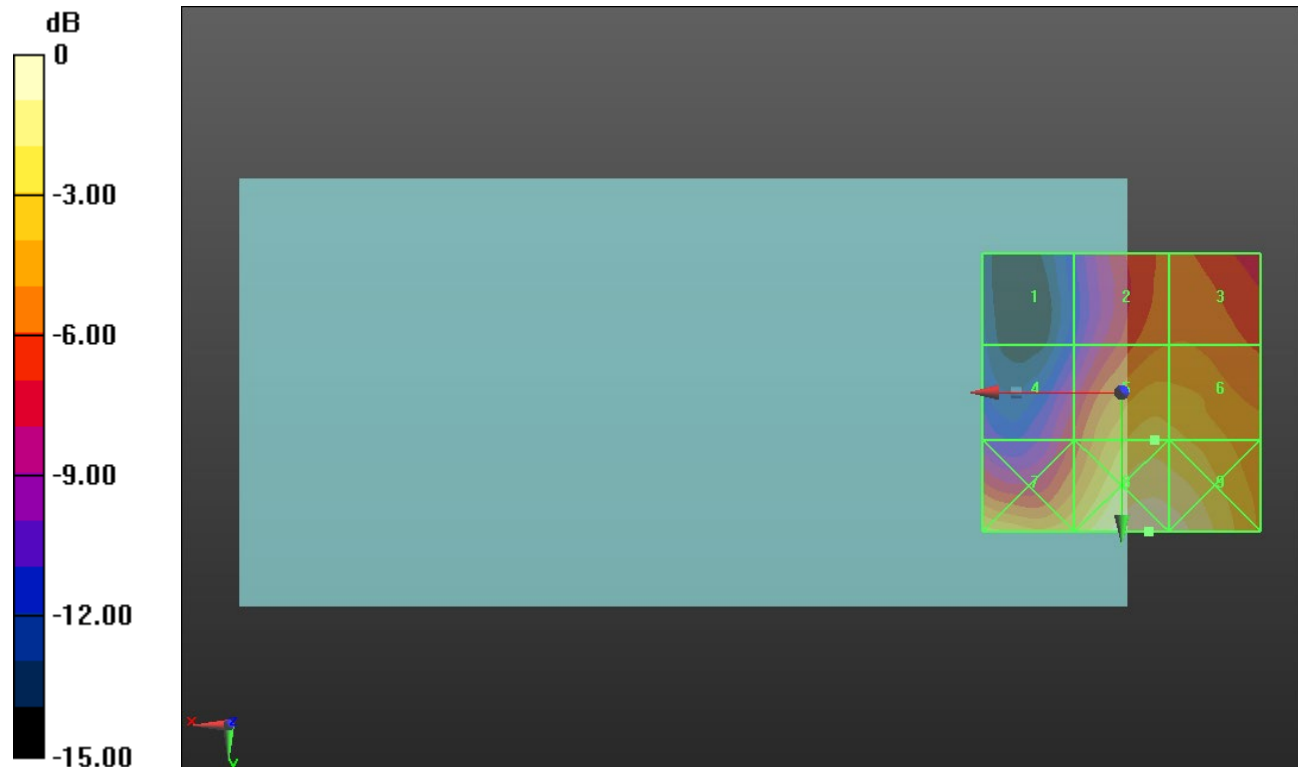
Applied MIF = -1.44 dB

RF audio interference level = 27.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.06 dBV/m</b>	Grid 2 <b>M4</b> <b>24.94 dBV/m</b>	Grid 3 <b>M4</b> <b>25 dBV/m</b>
Grid 4 <b>M4</b> <b>23.24 dBV/m</b>	Grid 5 <b>M4</b> <b>27.44 dBV/m</b>	Grid 6 <b>M4</b> <b>27.23 dBV/m</b>
Grid 7 <b>M4</b> <b>27.44 dBV/m</b>	Grid 8 <b>M4</b> <b>29.9 dBV/m</b>	Grid 9 <b>M4</b> <b>29.53 dBV/m</b>



0 dB = 31.25 V/m = 29.90 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 = 29.03 V/m; Power Drift = 0.08 dB

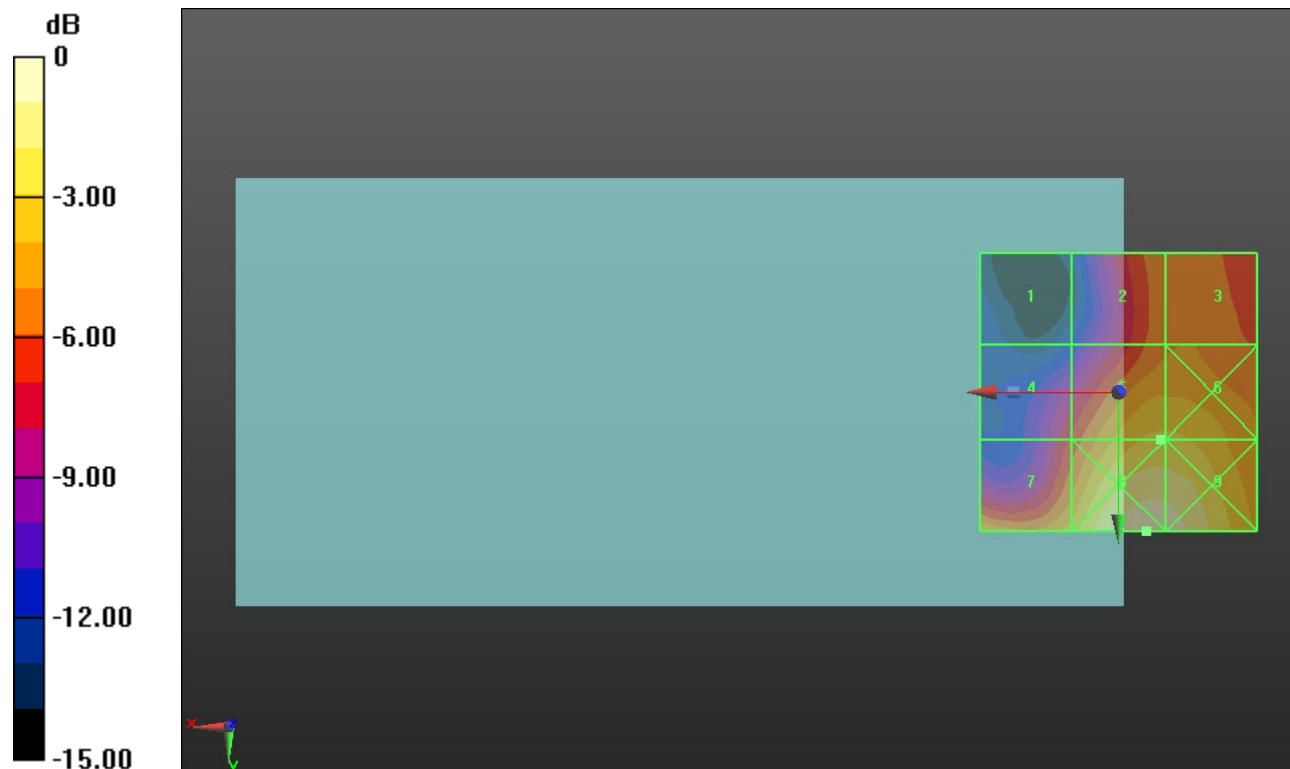
Applied MIF = -1.44 dB

RF audio interference level = 27.44 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.51 dBV/m</b>	Grid 2 <b>M4</b> <b>24.98 dBV/m</b>	Grid 3 <b>M4</b> <b>25.22 dBV/m</b>
Grid 4 <b>M4</b> <b>23.47 dBV/m</b>	Grid 5 <b>M4</b> <b>27.44 dBV/m</b>	Grid 6 <b>M4</b> <b>27.43 dBV/m</b>
Grid 7 <b>M4</b> <b>26.8 dBV/m</b>	Grid 8 <b>M3</b> <b>30.19 dBV/m</b>	Grid 9 <b>M4</b> <b>29.82 dBV/m</b>



0 dB = 32.32 V/m = 30.19 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 = 30.85 V/m; Power Drift = 0.46 dB

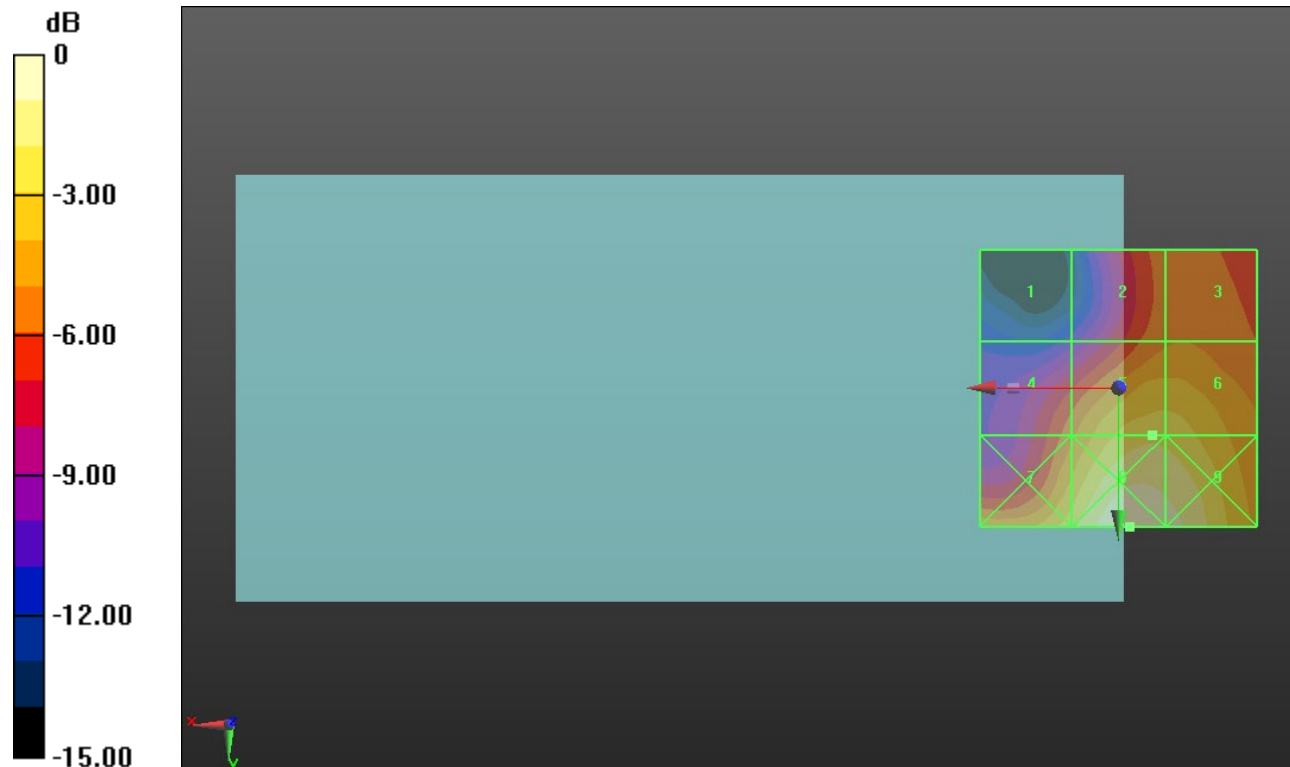
Applied MIF = -1.44 dB

RF audio interference level = 27.92 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.71 dBV/m</b>	Grid 2 <b>M4</b> <b>25.04 dBV/m</b>	Grid 3 <b>M4</b> <b>25.2 dBV/m</b>
Grid 4 <b>M4</b> <b>24.93 dBV/m</b>	Grid 5 <b>M4</b> <b>27.92 dBV/m</b>	Grid 6 <b>M4</b> <b>27.85 dBV/m</b>
Grid 7 <b>M4</b> <b>27.88 dBV/m</b>	Grid 8 <b>M3</b> <b>30.18 dBV/m</b>	Grid 9 <b>M4</b> <b>29.7 dBV/m</b>



0 dB = 32.27 V/m = 30.18 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 = 33.94 V/m; Power Drift = -0.29 dB

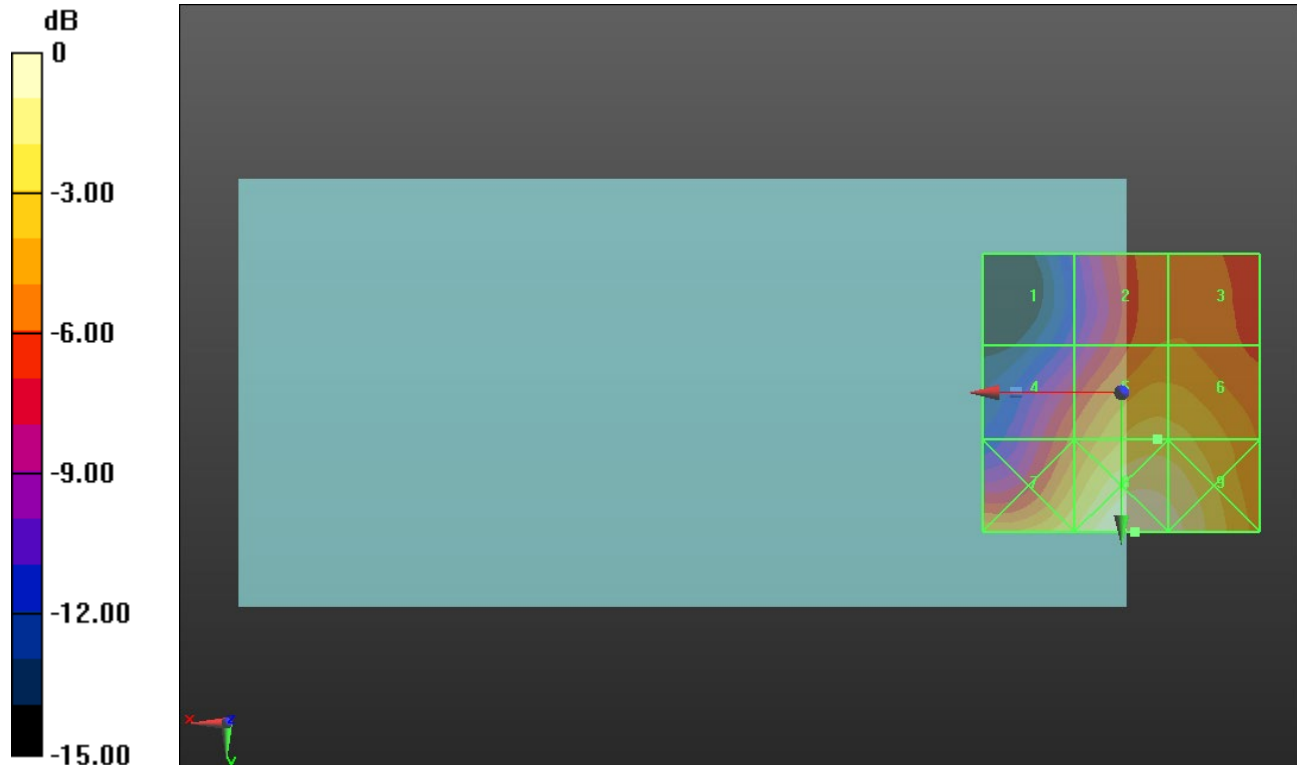
Applied MIF = -1.44 dB

RF audio interference level = 27.95 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.34 dBV/m</b>	Grid 2 <b>M4</b> <b>25.46 dBV/m</b>	Grid 3 <b>M4</b> <b>25.47 dBV/m</b>
Grid 4 <b>M4</b> <b>24.85 dBV/m</b>	Grid 5 <b>M4</b> <b>27.95 dBV/m</b>	Grid 6 <b>M4</b> <b>27.87 dBV/m</b>
Grid 7 <b>M4</b> <b>28.43 dBV/m</b>	Grid 8 <b>M3</b> <b>30.36 dBV/m</b>	Grid 9 <b>M4</b> <b>29.87 dBV/m</b>



0 dB = 32.95 V/m = 30.36 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 = 38.51 V/m; Power Drift = -0.29 dB

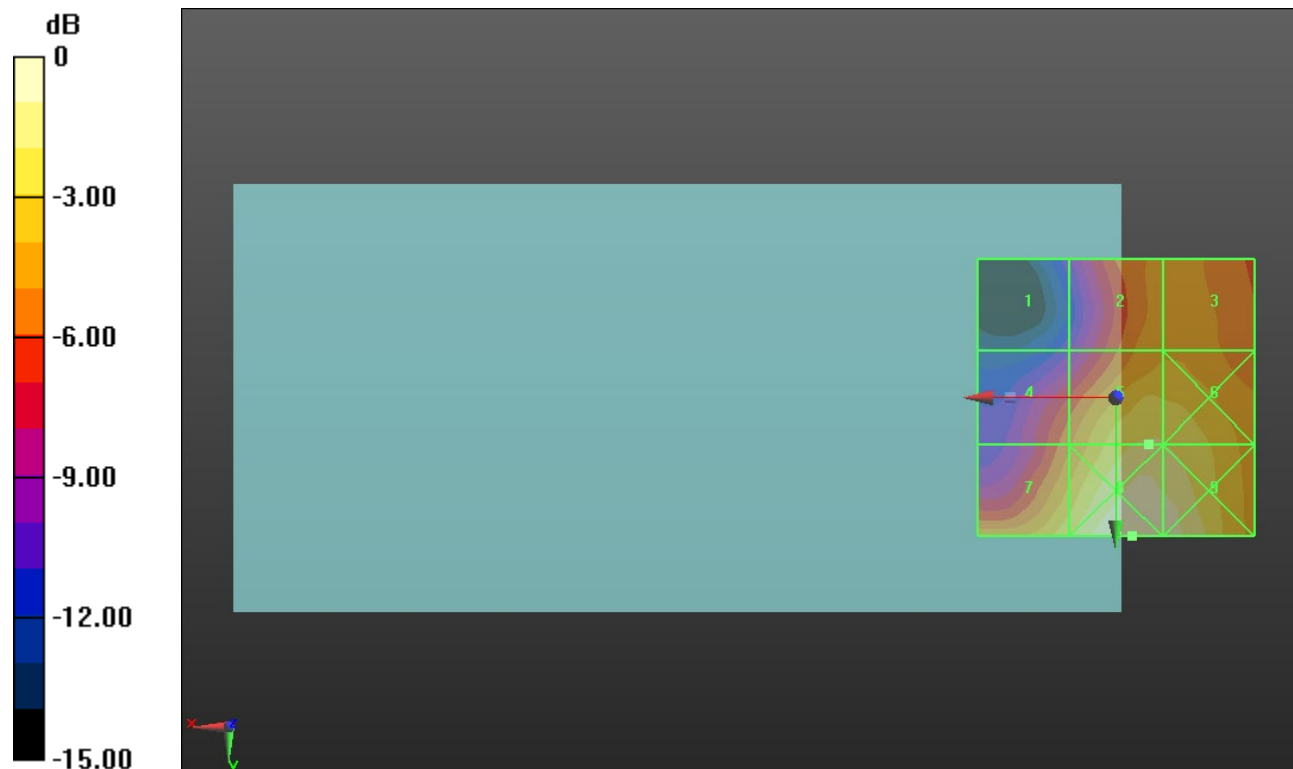
Applied MIF = -1.44 dB

RF audio interference level = 29.10 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.8 dBV/m</b>	Grid 2 <b>M4</b> <b>26.64 dBV/m</b>	Grid 3 <b>M4</b> <b>26.67 dBV/m</b>
Grid 4 <b>M4</b> <b>25.71 dBV/m</b>	Grid 5 <b>M4</b> <b>29.1 dBV/m</b>	Grid 6 <b>M4</b> <b>28.98 dBV/m</b>
Grid 7 <b>M4</b> <b>28.77 dBV/m</b>	Grid 8 <b>M3</b> <b>30.91 dBV/m</b>	Grid 9 <b>M3</b> <b>30.47 dBV/m</b>



0 dB = 35.13 V/m = 30.91 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 = 38.82 V/m; Power Drift = 0.04 dB

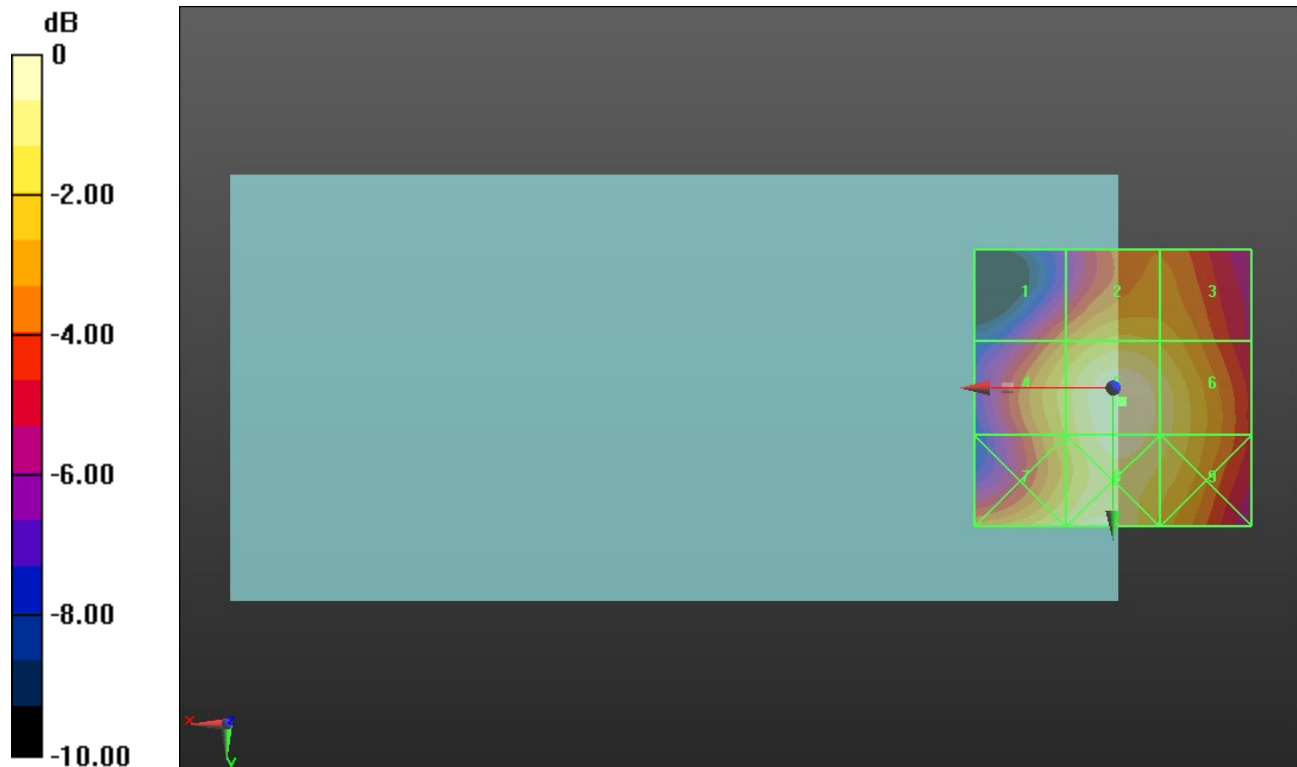
Applied MIF = -1.44 dB

RF audio interference level = 27.55 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.33 dBV/m</b>	Grid 2 <b>M4</b> <b>25.81 dBV/m</b>	Grid 3 <b>M4</b> <b>25.41 dBV/m</b>
Grid 4 <b>M4</b> <b>25.98 dBV/m</b>	Grid 5 <b>M4</b> <b>27.55 dBV/m</b>	Grid 6 <b>M4</b> <b>26.71 dBV/m</b>
Grid 7 <b>M4</b> <b>26.72 dBV/m</b>	Grid 8 <b>M4</b> <b>27.25 dBV/m</b>	Grid 9 <b>M4</b> <b>26.55 dBV/m</b>



0 dB = 23.86 V/m = 27.55 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 = 30.67 V/m; Power Drift = -0.41 dB

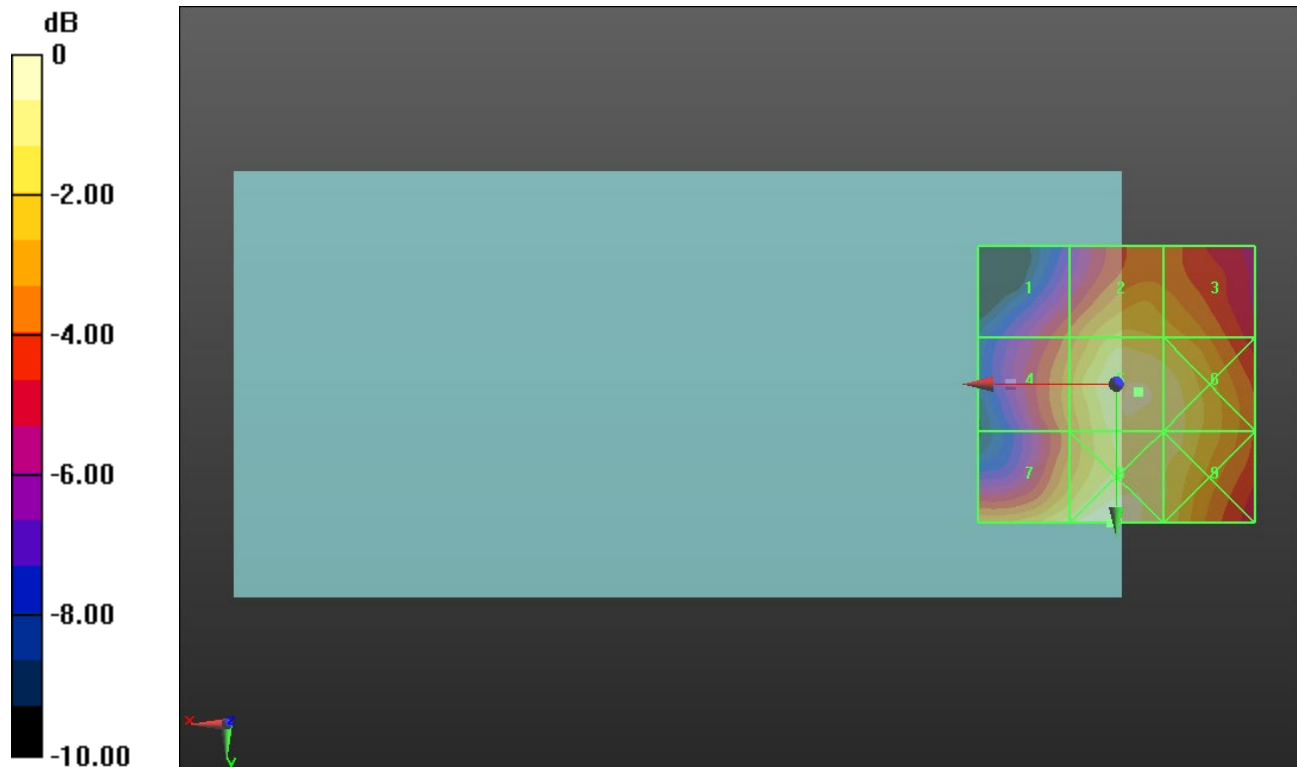
Applied MIF = -1.44 dB

RF audio interference level = 25.72 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.57 dBV/m</b>	Grid 2 <b>M4</b> <b>24.59 dBV/m</b>	Grid 3 <b>M4</b> <b>24.18 dBV/m</b>
Grid 4 <b>M4</b> <b>23.45 dBV/m</b>	Grid 5 <b>M4</b> <b>25.72 dBV/m</b>	Grid 6 <b>M4</b> <b>25.52 dBV/m</b>
Grid 7 <b>M4</b> <b>25.47 dBV/m</b>	Grid 8 <b>M4</b> <b>26.31 dBV/m</b>	Grid 9 <b>M4</b> <b>25.52 dBV/m</b>



0 dB = 20.68 V/m = 26.31 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 = 31.04 V/m; Power Drift = 0.15 dB

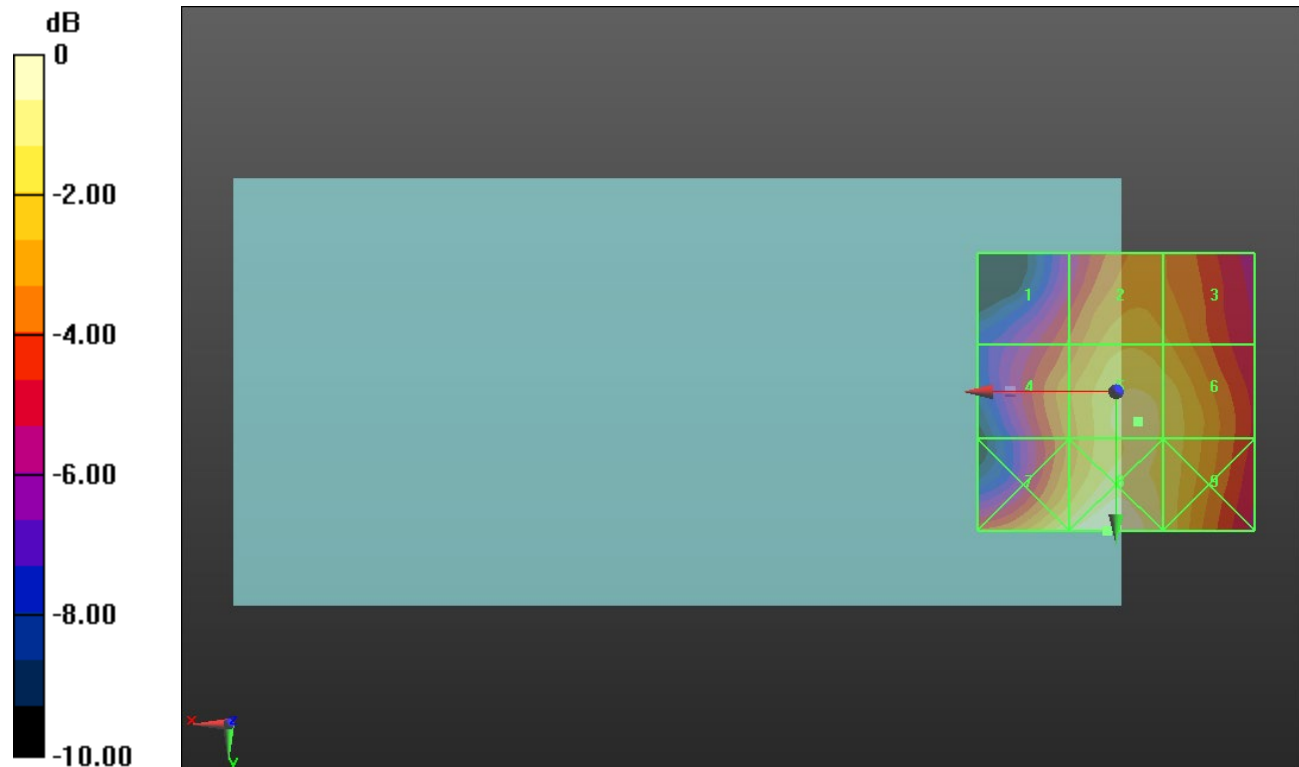
Applied MIF = -1.44 dB

RF audio interference level = 26.02 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.23 dBV/m</b>	Grid 2 <b>M4</b> <b>24.98 dBV/m</b>	Grid 3 <b>M4</b> <b>24.58 dBV/m</b>
Grid 4 <b>M4</b> <b>24.28 dBV/m</b>	Grid 5 <b>M4</b> <b>26.02 dBV/m</b>	Grid 6 <b>M4</b> <b>25.61 dBV/m</b>
Grid 7 <b>M4</b> <b>26.34 dBV/m</b>	Grid 8 <b>M4</b> <b>27.04 dBV/m</b>	Grid 9 <b>M4</b> <b>25.72 dBV/m</b>



0 dB = 22.49 V/m = 27.04 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 = 30.60 V/m; Power Drift = 0.11 dB

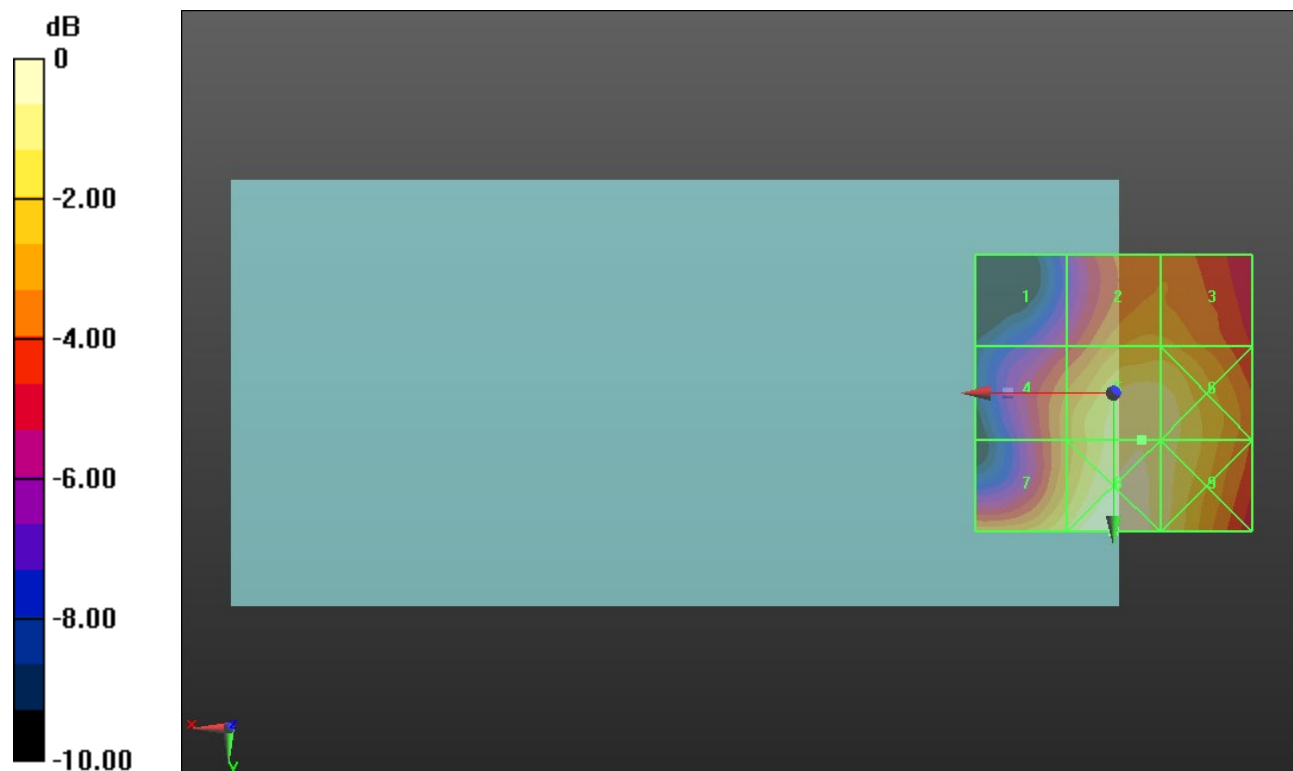
Applied MIF = -1.44 dB

RF audio interference level = 26.24 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.88 dBV/m</b>	Grid 2 <b>M4</b> <b>24.59 dBV/m</b>	Grid 3 <b>M4</b> <b>24.55 dBV/m</b>
Grid 4 <b>M4</b> <b>24.05 dBV/m</b>	Grid 5 <b>M4</b> <b>26.24 dBV/m</b>	Grid 6 <b>M4</b> <b>26.08 dBV/m</b>
Grid 7 <b>M4</b> <b>25.79 dBV/m</b>	Grid 8 <b>M4</b> <b>26.96 dBV/m</b>	Grid 9 <b>M4</b> <b>26.01 dBV/m</b>



0 dB = 22.29 V/m = 26.96 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 = 15.59 V/m; Power Drift = 0.02 dB

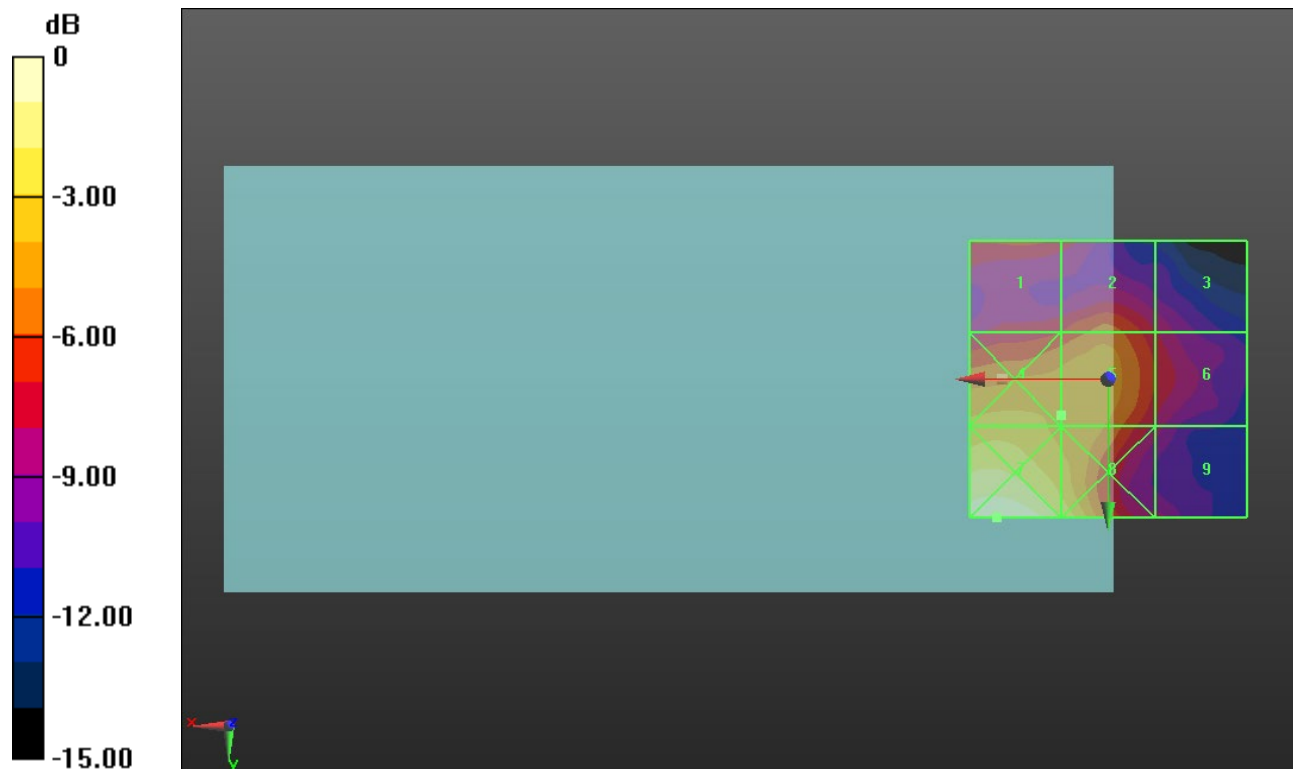
Applied MIF = -2.02 dB

RF audio interference level = 17.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>15.15 dBV/m</b>	Grid 2 <b>M4</b> <b>16.14 dBV/m</b>	Grid 3 <b>M4</b> <b>13.76 dBV/m</b>
Grid 4 <b>M4</b> <b>18.19 dBV/m</b>	Grid 5 <b>M4</b> <b>17.52 dBV/m</b>	Grid 6 <b>M4</b> <b>14.72 dBV/m</b>
Grid 7 <b>M4</b> <b>21.65 dBV/m</b>	Grid 8 <b>M4</b> <b>19.74 dBV/m</b>	Grid 9 <b>M4</b> <b>13.26 dBV/m</b>



0 dB = 12.09 V/m = 21.65 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 = 15.49 V/m; Power Drift = -0.15 dB

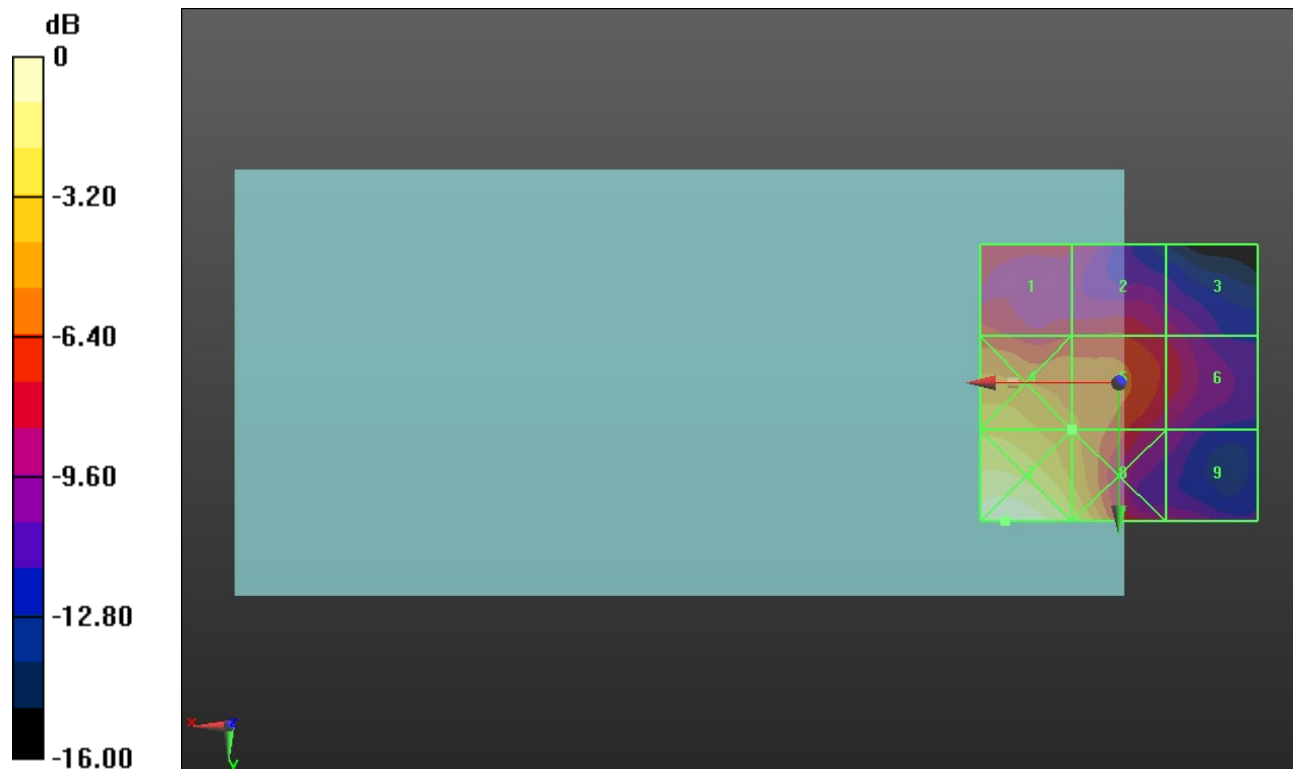
Applied MIF = -2.02 dB

RF audio interference level = 18.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>16.38 dBV/m</b>	Grid 2 <b>M4</b> <b>16.04 dBV/m</b>	Grid 3 <b>M4</b> <b>14.53 dBV/m</b>
Grid 4 <b>M4</b> <b>19.95 dBV/m</b>	Grid 5 <b>M4</b> <b>18.23 dBV/m</b>	Grid 6 <b>M4</b> <b>15.61 dBV/m</b>
Grid 7 <b>M4</b> <b>23.3 dBV/m</b>	Grid 8 <b>M4</b> <b>21.06 dBV/m</b>	Grid 9 <b>M4</b> <b>14.61 dBV/m</b>



0 dB = 14.61 V/m = 23.29 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 = 14.07 V/m; Power Drift = 0.11 dB

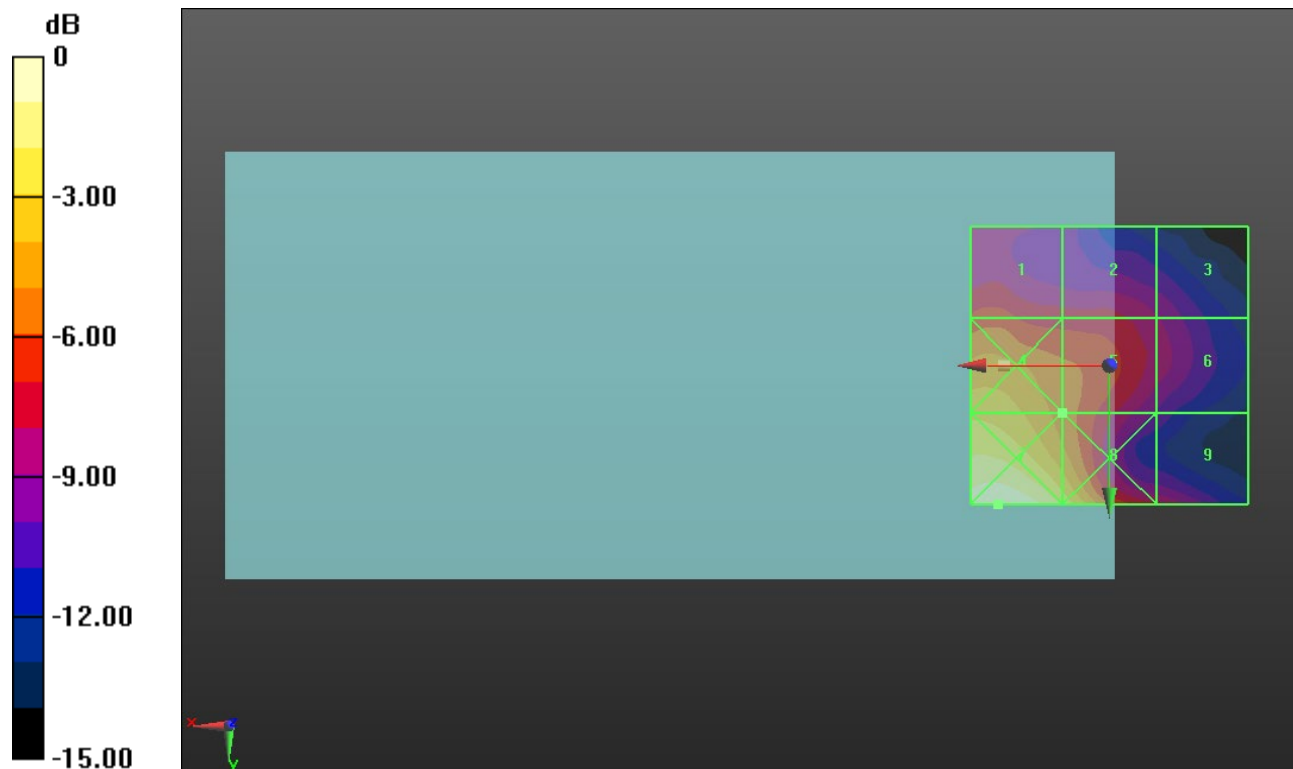
Applied MIF = -2.02 dB

RF audio interference level = 18.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.89 dBV/m</b>	Grid 2 <b>M4</b> <b>16.86 dBV/m</b>	Grid 3 <b>M4</b> <b>15.45 dBV/m</b>
Grid 4 <b>M4</b> <b>21.12 dBV/m</b>	Grid 5 <b>M4</b> <b>18.91 dBV/m</b>	Grid 6 <b>M4</b> <b>16.03 dBV/m</b>
Grid 7 <b>M4</b> <b>24.33 dBV/m</b>	Grid 8 <b>M4</b> <b>22.2 dBV/m</b>	Grid 9 <b>M4</b> <b>16.66 dBV/m</b>



0 dB = 16.46 V/m = 24.33 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 = 15.46 V/m; Power Drift = -0.09 dB

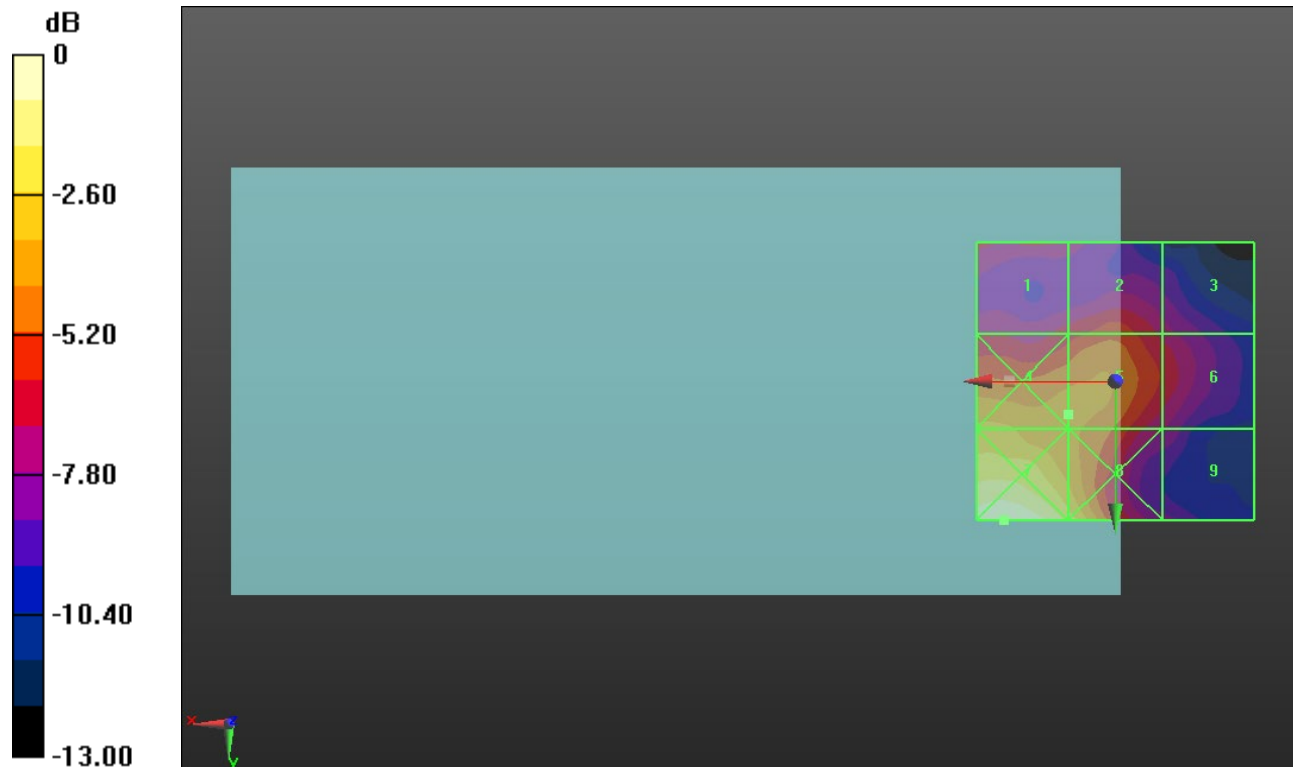
Applied MIF = 0.12 dB

RF audio interference level = 19.79 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.44 dBV/m</b>	Grid 2 <b>M4</b> <b>18.46 dBV/m</b>	Grid 3 <b>M4</b> <b>16.72 dBV/m</b>
Grid 4 <b>M4</b> <b>20.65 dBV/m</b>	Grid 5 <b>M4</b> <b>19.79 dBV/m</b>	Grid 6 <b>M4</b> <b>17.72 dBV/m</b>
Grid 7 <b>M4</b> <b>23.88 dBV/m</b>	Grid 8 <b>M4</b> <b>21.9 dBV/m</b>	Grid 9 <b>M4</b> <b>16.22 dBV/m</b>



0 dB = 15.64 V/m = 23.88 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 = 14.47 V/m; Power Drift = -0.28 dB

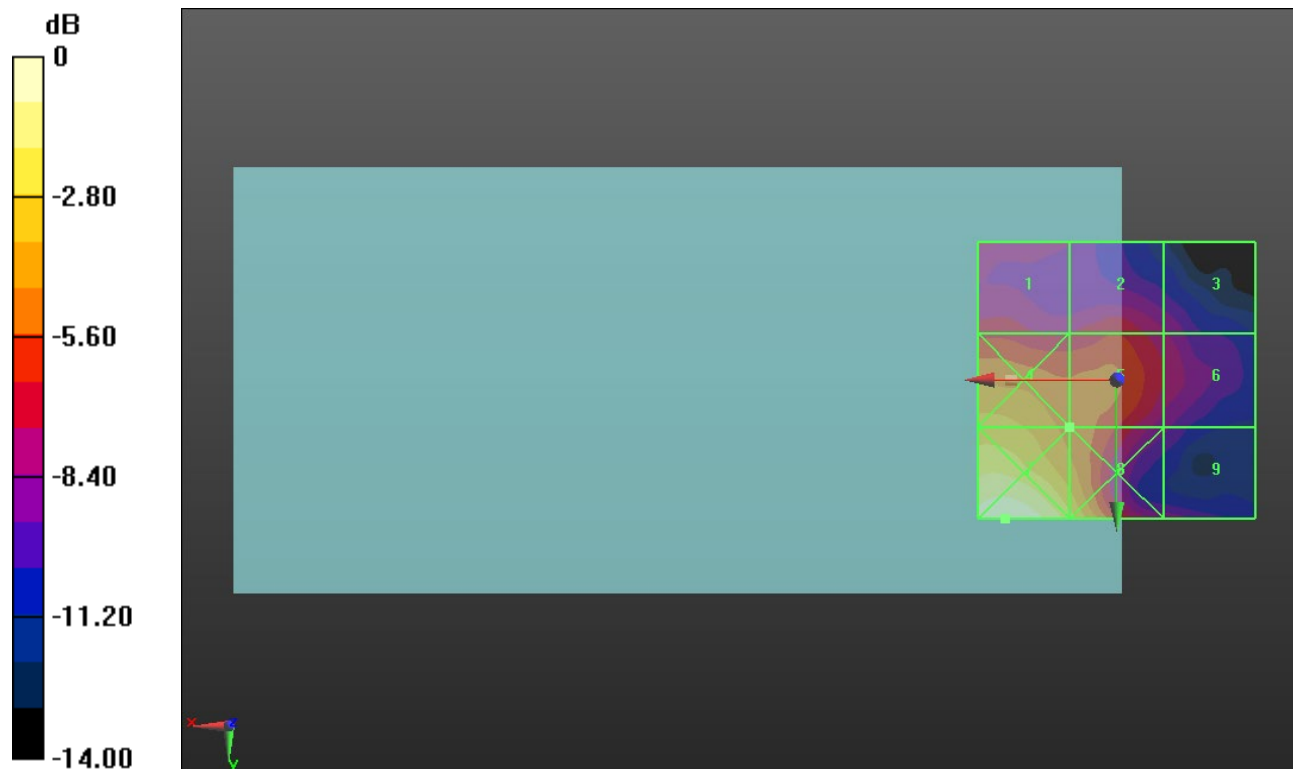
Applied MIF = 0.12 dB

RF audio interference level = 19.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.89 dBV/m</b>	Grid 2 <b>M4</b> <b>18.1 dBV/m</b>	Grid 3 <b>M4</b> <b>16.41 dBV/m</b>
Grid 4 <b>M4</b> <b>21.34 dBV/m</b>	Grid 5 <b>M4</b> <b>19.7 dBV/m</b>	Grid 6 <b>M4</b> <b>17.25 dBV/m</b>
Grid 7 <b>M4</b> <b>24.65 dBV/m</b>	Grid 8 <b>M4</b> <b>22.33 dBV/m</b>	Grid 9 <b>M4</b> <b>16.26 dBV/m</b>



0 dB = 17.07 V/m = 24.64 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 = 12.80 V/m; Power Drift = -0.09 dB

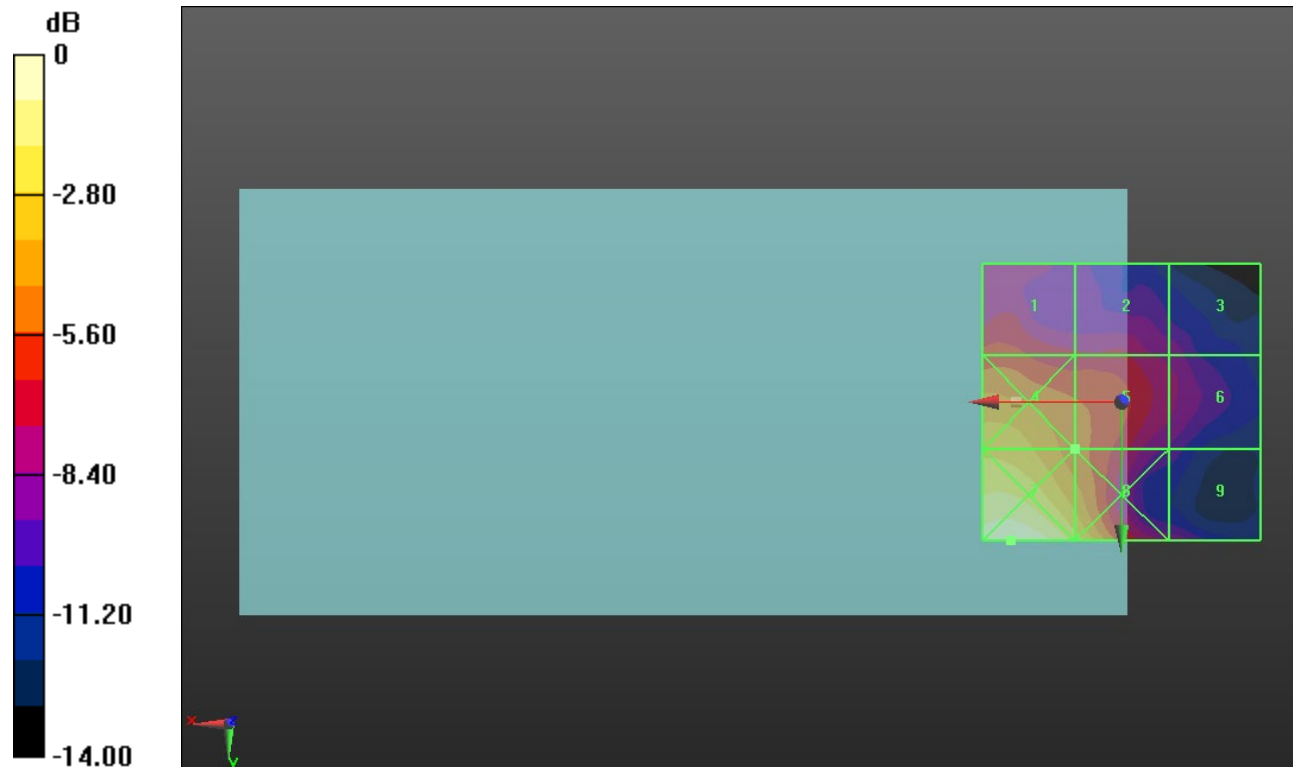
Applied MIF = 0.12 dB

RF audio interference level = 19.81 dBV/m

Emission category: **M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>18.9 dBV/m</b>	<b>Grid 2 M4</b> <b>17.78 dBV/m</b>	<b>Grid 3 M4</b> <b>16.26 dBV/m</b>
<b>Grid 4 M4</b> <b>21.93 dBV/m</b>	<b>Grid 5 M4</b> <b>19.8 dBV/m</b>	<b>Grid 6 M4</b> <b>16.92 dBV/m</b>
<b>Grid 7 M4</b> <b>24.94 dBV/m</b>	<b>Grid 8 M4</b> <b>22.81 dBV/m</b>	<b>Grid 9 M4</b> <b>16.85 dBV/m</b>



0 dB = 17.66 V/m = 24.94 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 = 5.114 V/m; Power Drift = -0.27 dB

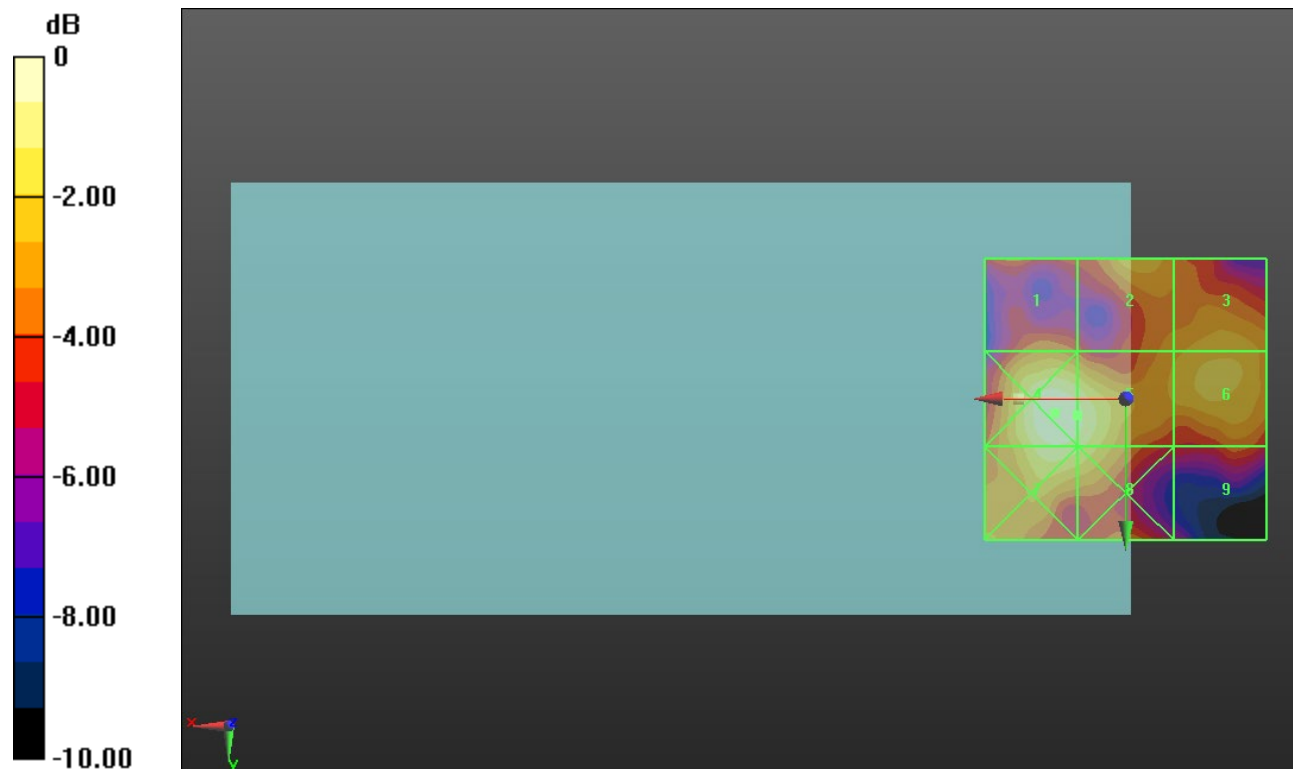
Applied MIF = -3.15 dB

RF audio interference level = 12.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>9.72 dBV/m</b>	Grid 2 <b>M4</b> <b>10.88 dBV/m</b>	Grid 3 <b>M4</b> <b>10.8 dBV/m</b>
Grid 4 <b>M4</b> <b>12.94 dBV/m</b>	Grid 5 <b>M4</b> <b>12.49 dBV/m</b>	Grid 6 <b>M4</b> <b>11.2 dBV/m</b>
Grid 7 <b>M4</b> <b>12.23 dBV/m</b>	Grid 8 <b>M4</b> <b>11.83 dBV/m</b>	Grid 9 <b>M4</b> <b>9.34 dBV/m</b>



0 dB = 4.438 V/m = 12.94 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 = 5.363 V/m; Power Drift = -0.51 dB

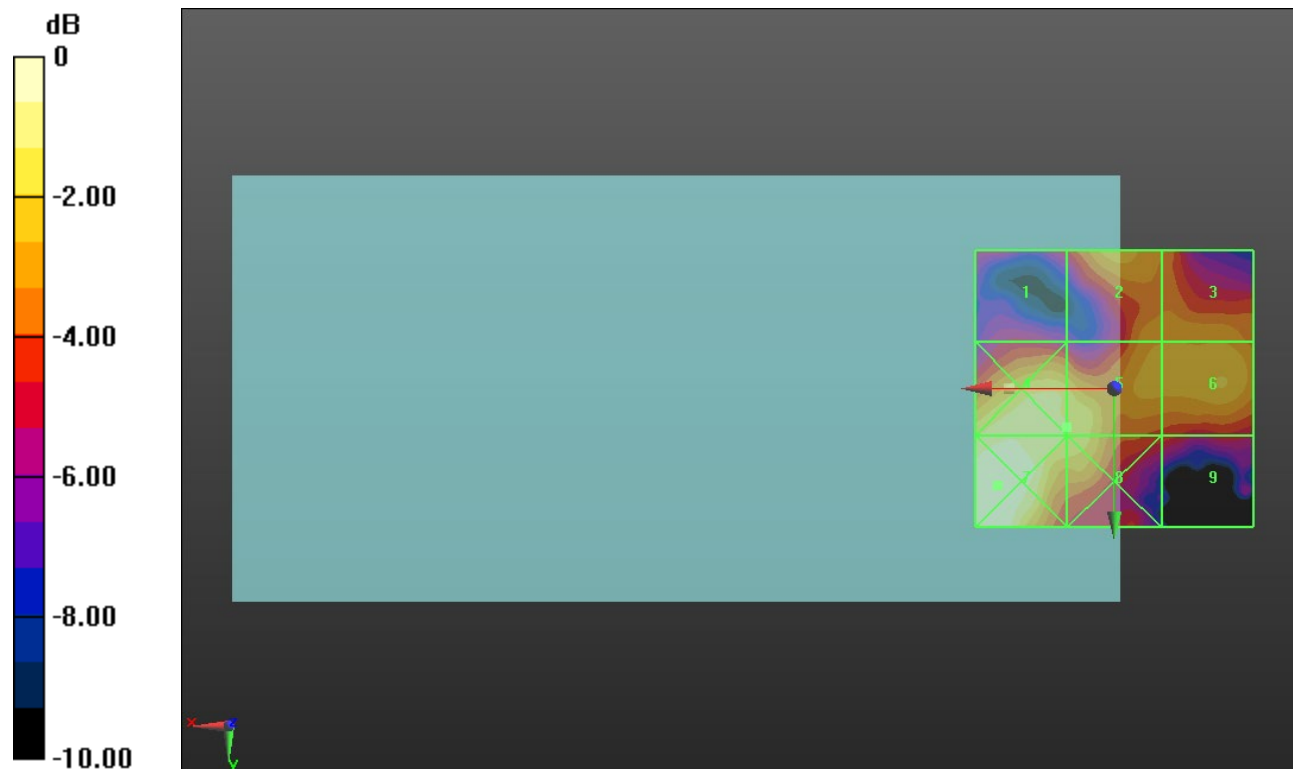
Applied MIF = -3.15 dB

RF audio interference level = 11.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>8.04 dBV/m</b>	Grid 2 <b>M4</b> <b>10.51 dBV/m</b>	Grid 3 <b>M4</b> <b>10.01 dBV/m</b>
Grid 4 <b>M4</b> <b>11.92 dBV/m</b>	Grid 5 <b>M4</b> <b>11.35 dBV/m</b>	Grid 6 <b>M4</b> <b>10.71 dBV/m</b>
Grid 7 <b>M4</b> <b>12.65 dBV/m</b>	Grid 8 <b>M4</b> <b>11.28 dBV/m</b>	Grid 9 <b>M4</b> <b>8.41 dBV/m</b>



0 dB = 4.288 V/m = 12.65 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 = 4.710 V/m; Power Drift = -0.51 dB

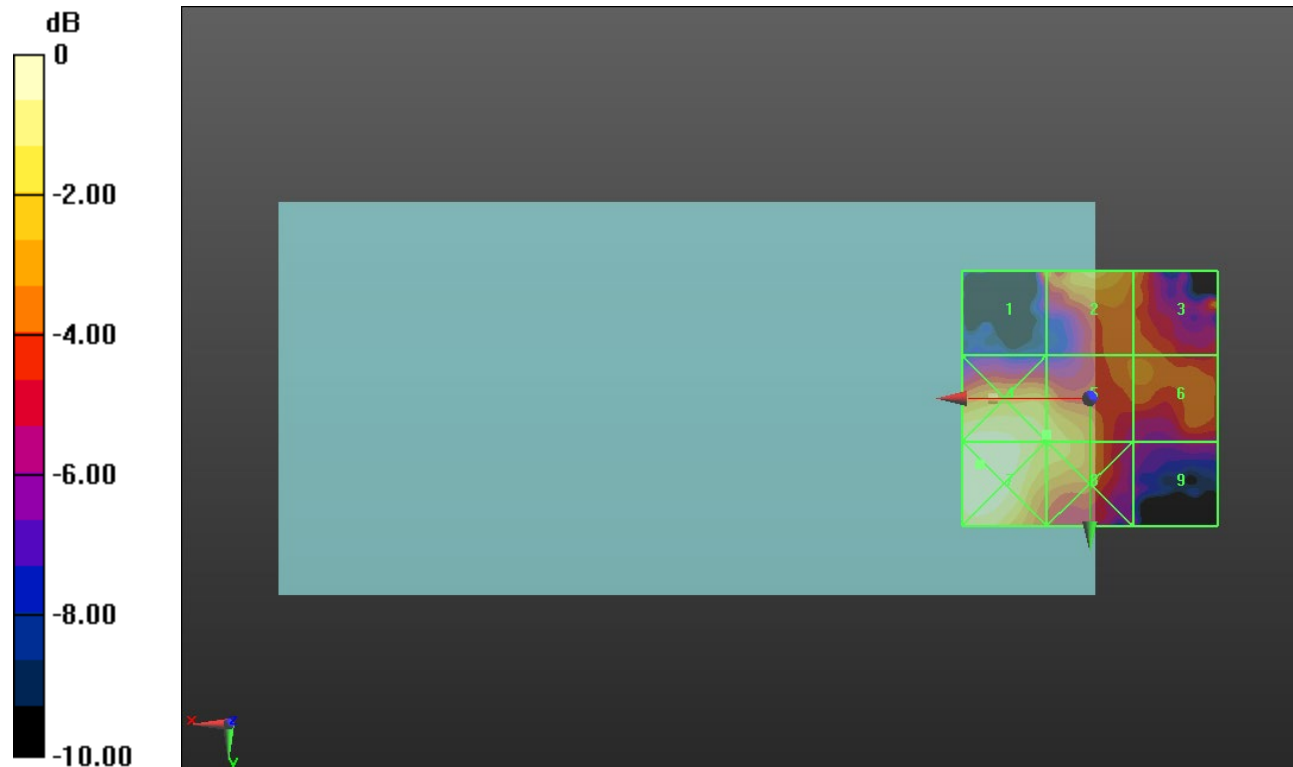
Applied MIF = -3.15 dB

RF audio interference level = 11.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>9.96 dBV/m</b>	Grid 2 <b>M4</b> <b>11.13 dBV/m</b>	Grid 3 <b>M4</b> <b>9.76 dBV/m</b>
Grid 4 <b>M4</b> <b>12.39 dBV/m</b>	Grid 5 <b>M4</b> <b>11.31 dBV/m</b>	Grid 6 <b>M4</b> <b>9.72 dBV/m</b>
Grid 7 <b>M4</b> <b>12.71 dBV/m</b>	Grid 8 <b>M4</b> <b>11.23 dBV/m</b>	Grid 9 <b>M4</b> <b>7.13 dBV/m</b>



0 dB = 4.320 V/m = 12.71 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 = 19.70 V/m; Power Drift = -0.01 dB

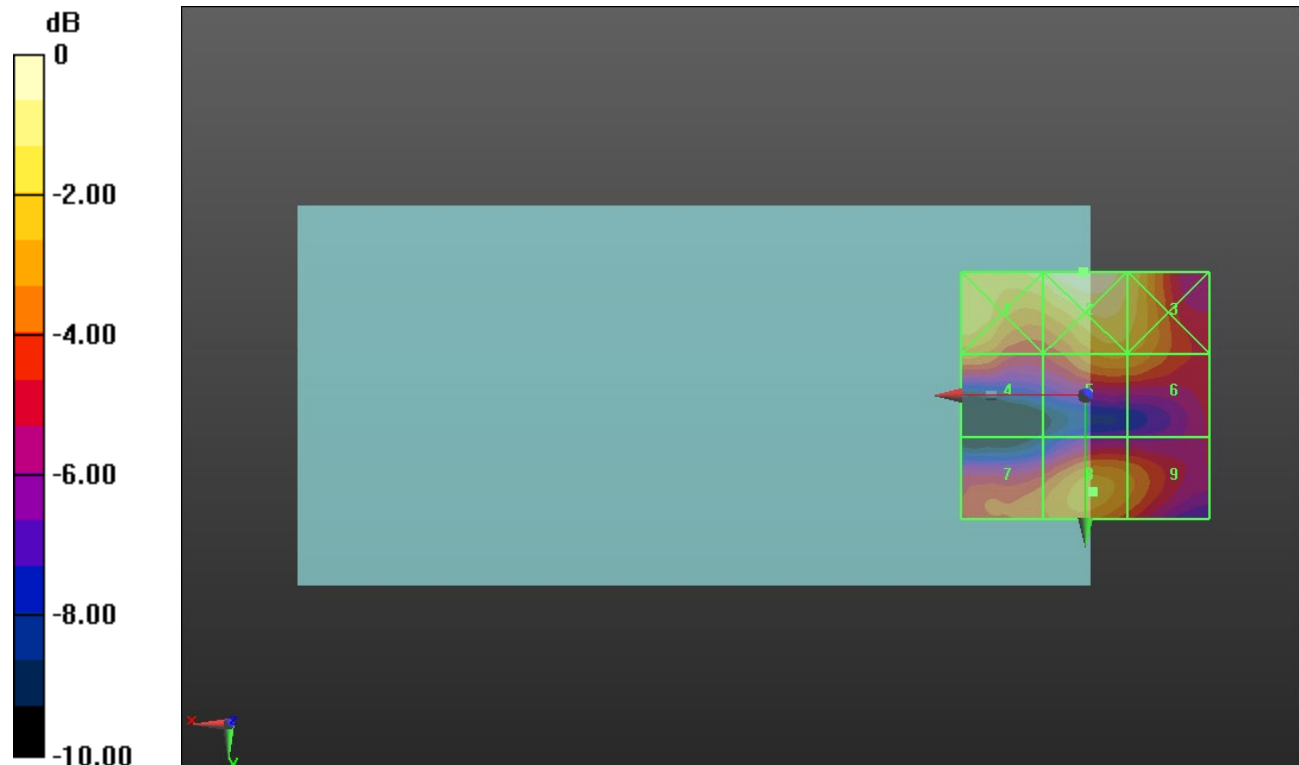
Applied MIF = -3.15 dB

RF audio interference level = 22.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.22 dBV/m</b>	Grid 2 <b>M4</b> <b>25.09 dBV/m</b>	Grid 3 <b>M4</b> <b>23.99 dBV/m</b>
Grid 4 <b>M4</b> <b>22.08 dBV/m</b>	Grid 5 <b>M4</b> <b>22.65 dBV/m</b>	Grid 6 <b>M4</b> <b>22.53 dBV/m</b>
Grid 7 <b>M4</b> <b>21.73 dBV/m</b>	Grid 8 <b>M4</b> <b>22.8 dBV/m</b>	Grid 9 <b>M4</b> <b>22.04 dBV/m</b>



0 dB = 17.96 V/m = 25.09 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 = 19.78 V/m; Power Drift = -0.11 dB

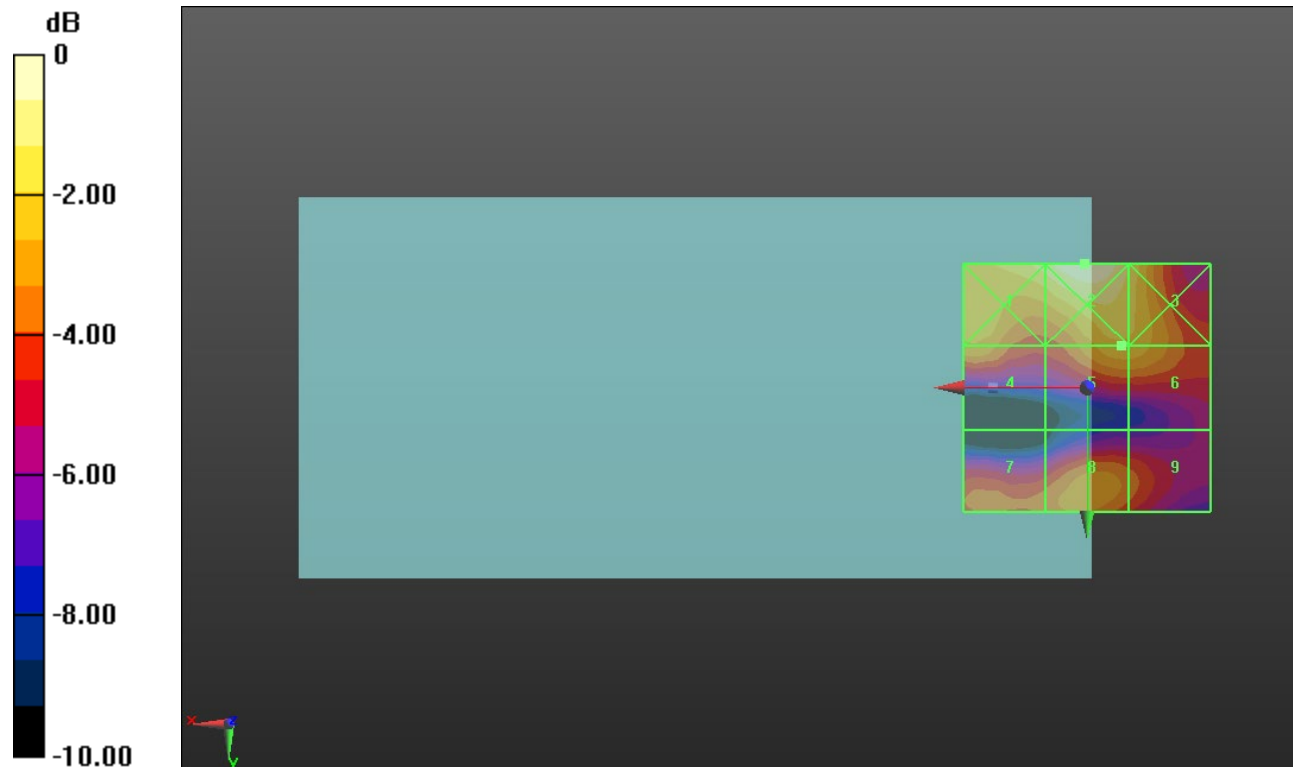
Applied MIF = -3.15 dB

RF audio interference level = 22.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.76 dBV/m</b>	Grid 2 <b>M4</b> <b>24.69 dBV/m</b>	Grid 3 <b>M4</b> <b>23.45 dBV/m</b>
Grid 4 <b>M4</b> <b>21.94 dBV/m</b>	Grid 5 <b>M4</b> <b>22.54 dBV/m</b>	Grid 6 <b>M4</b> <b>22.48 dBV/m</b>
Grid 7 <b>M4</b> <b>21.02 dBV/m</b>	Grid 8 <b>M4</b> <b>21.91 dBV/m</b>	Grid 9 <b>M4</b> <b>21.07 dBV/m</b>



0 dB = 17.16 V/m = 24.69 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 = 20.10 V/m; Power Drift = 0.00 dB

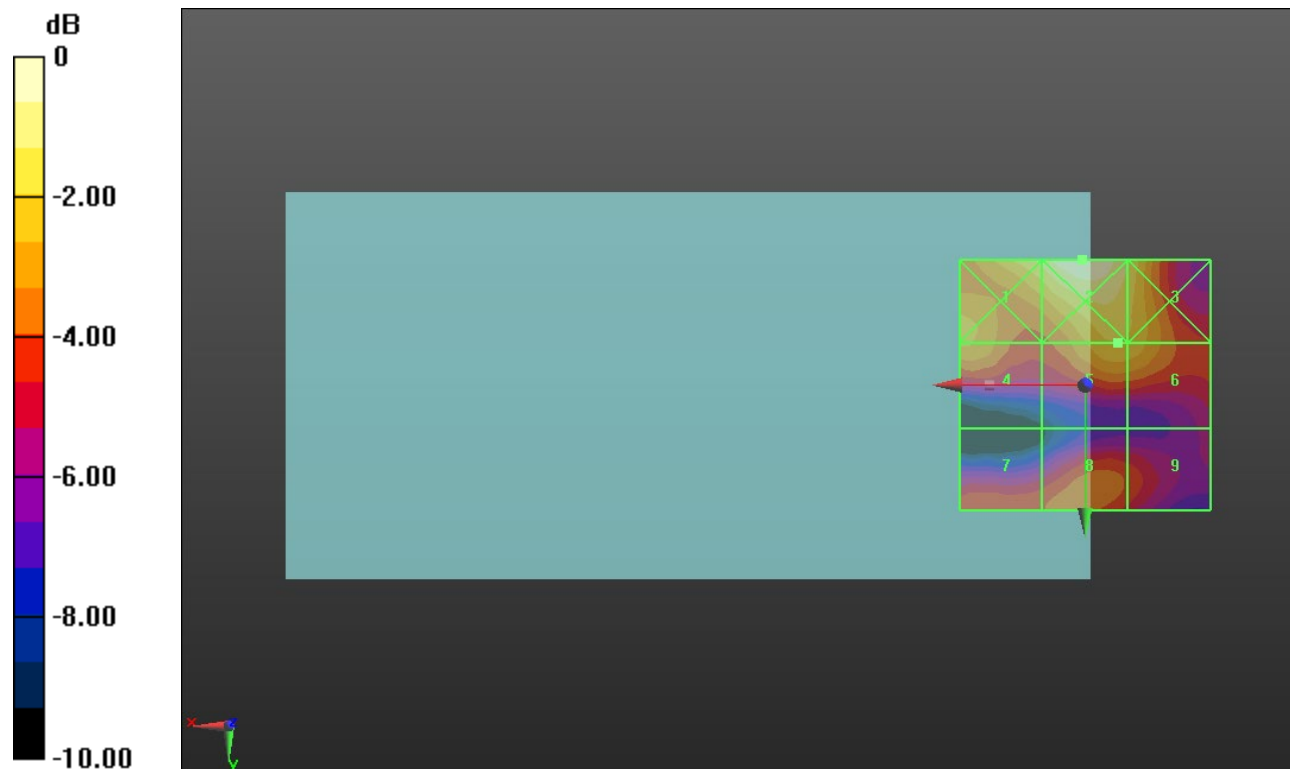
Applied MIF = -3.15 dB

RF audio interference level = 22.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.54 dBV/m</b>	Grid 2 <b>M4</b> <b>24.52 dBV/m</b>	Grid 3 <b>M4</b> <b>23.31 dBV/m</b>
Grid 4 <b>M4</b> <b>21.92 dBV/m</b>	Grid 5 <b>M4</b> <b>22.51 dBV/m</b>	Grid 6 <b>M4</b> <b>22.39 dBV/m</b>
Grid 7 <b>M4</b> <b>20.5 dBV/m</b>	Grid 8 <b>M4</b> <b>21.05 dBV/m</b>	Grid 9 <b>M4</b> <b>20.4 dBV/m</b>



0 dB = 16.83 V/m = 24.52 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 = 9.014 V/m; Power Drift = -0.22 dB

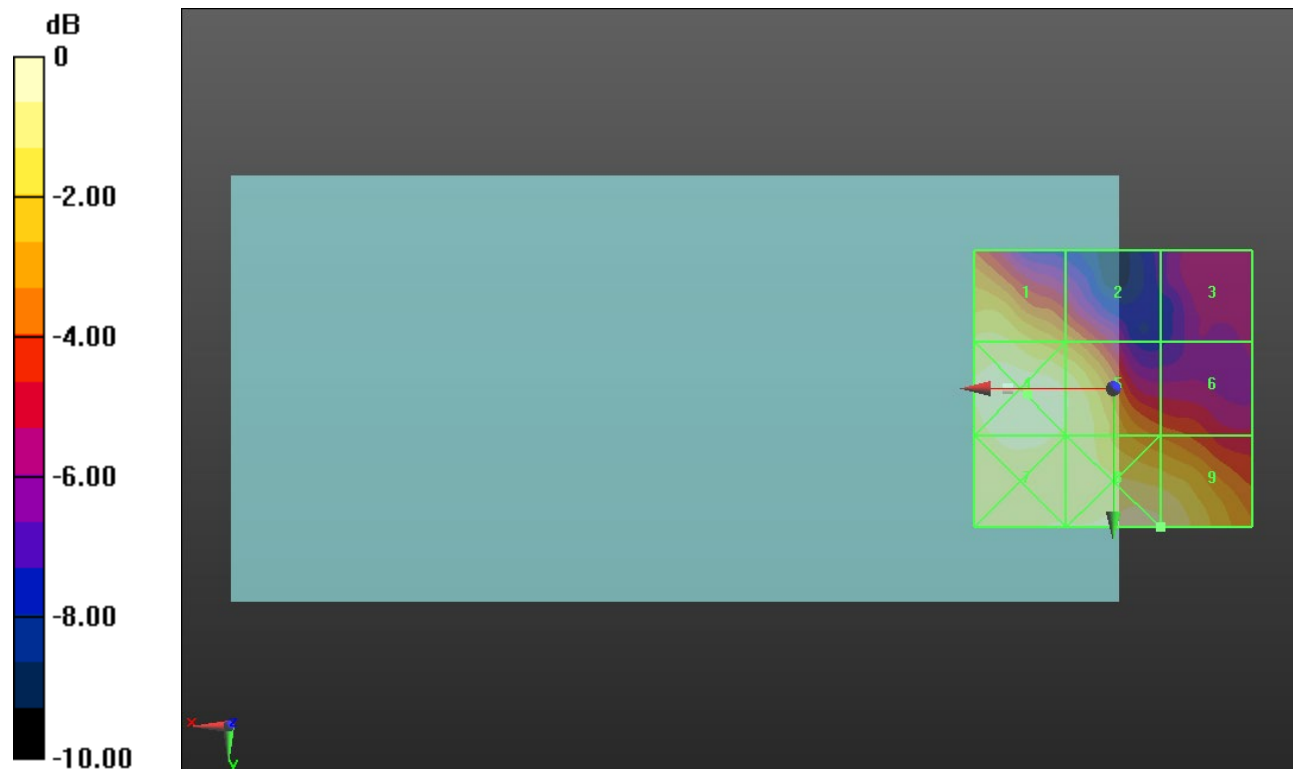
Applied MIF = -1.44 dB

RF audio interference level = 19.02 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.49 dBV/m</b>	Grid 2 <b>M4</b> <b>16.71 dBV/m</b>	Grid 3 <b>M4</b> <b>14.17 dBV/m</b>
Grid 4 <b>M4</b> <b>19.58 dBV/m</b>	Grid 5 <b>M4</b> <b>18.99 dBV/m</b>	Grid 6 <b>M4</b> <b>16.16 dBV/m</b>
Grid 7 <b>M4</b> <b>19.13 dBV/m</b>	Grid 8 <b>M4</b> <b>19.16 dBV/m</b>	Grid 9 <b>M4</b> <b>19.02 dBV/m</b>



0 dB = 9.530 V/m = 19.58 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 = 11.23 V/m; Power Drift = -0.11 dB

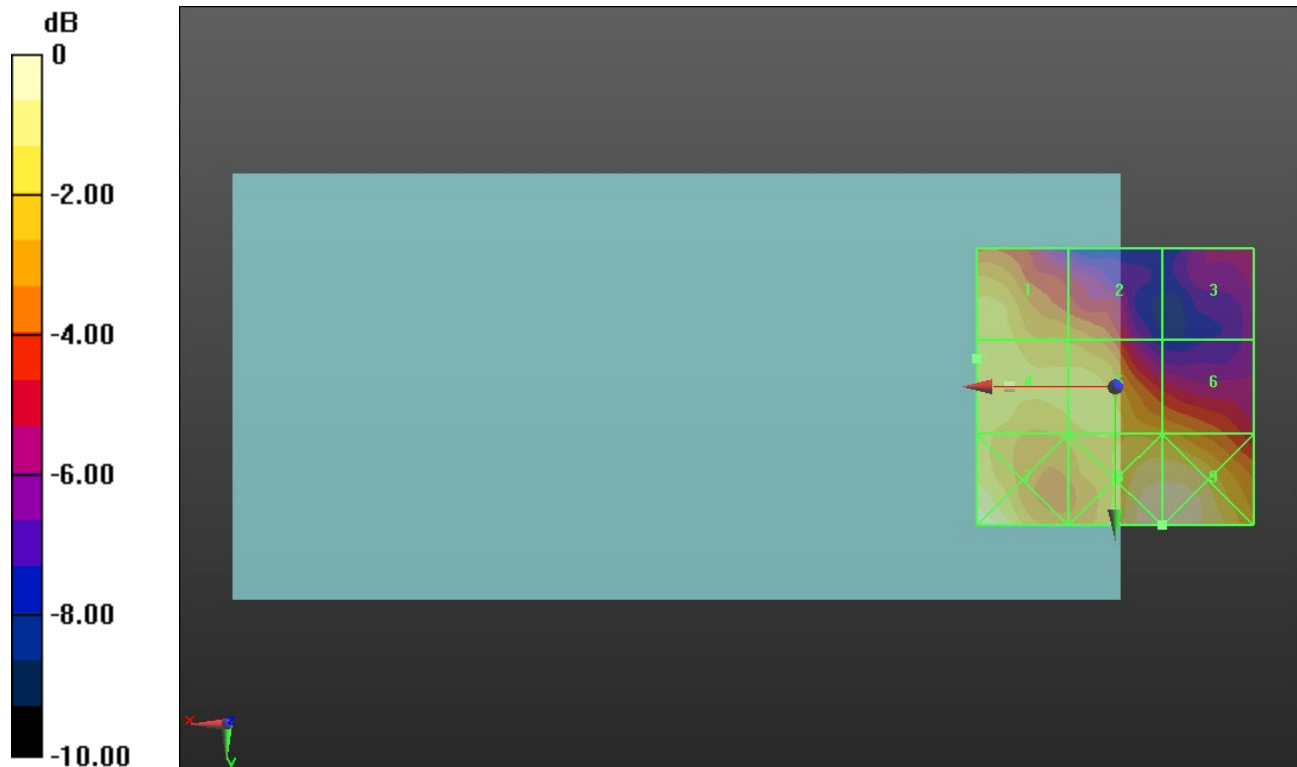
Applied MIF = -1.44 dB

RF audio interference level = 17.76 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.72 dBV/m</b>	Grid 2 <b>M4</b> <b>16.35 dBV/m</b>	Grid 3 <b>M4</b> <b>13.39 dBV/m</b>
Grid 4 <b>M4</b> <b>17.76 dBV/m</b>	Grid 5 <b>M4</b> <b>17.64 dBV/m</b>	Grid 6 <b>M4</b> <b>16.73 dBV/m</b>
Grid 7 <b>M4</b> <b>19.11 dBV/m</b>	Grid 8 <b>M4</b> <b>19.11 dBV/m</b>	Grid 9 <b>M4</b> <b>19.11 dBV/m</b>



0 dB = 9.027 V/m = 19.11 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 = 10.42 V/m; Power Drift = -0.37 dB

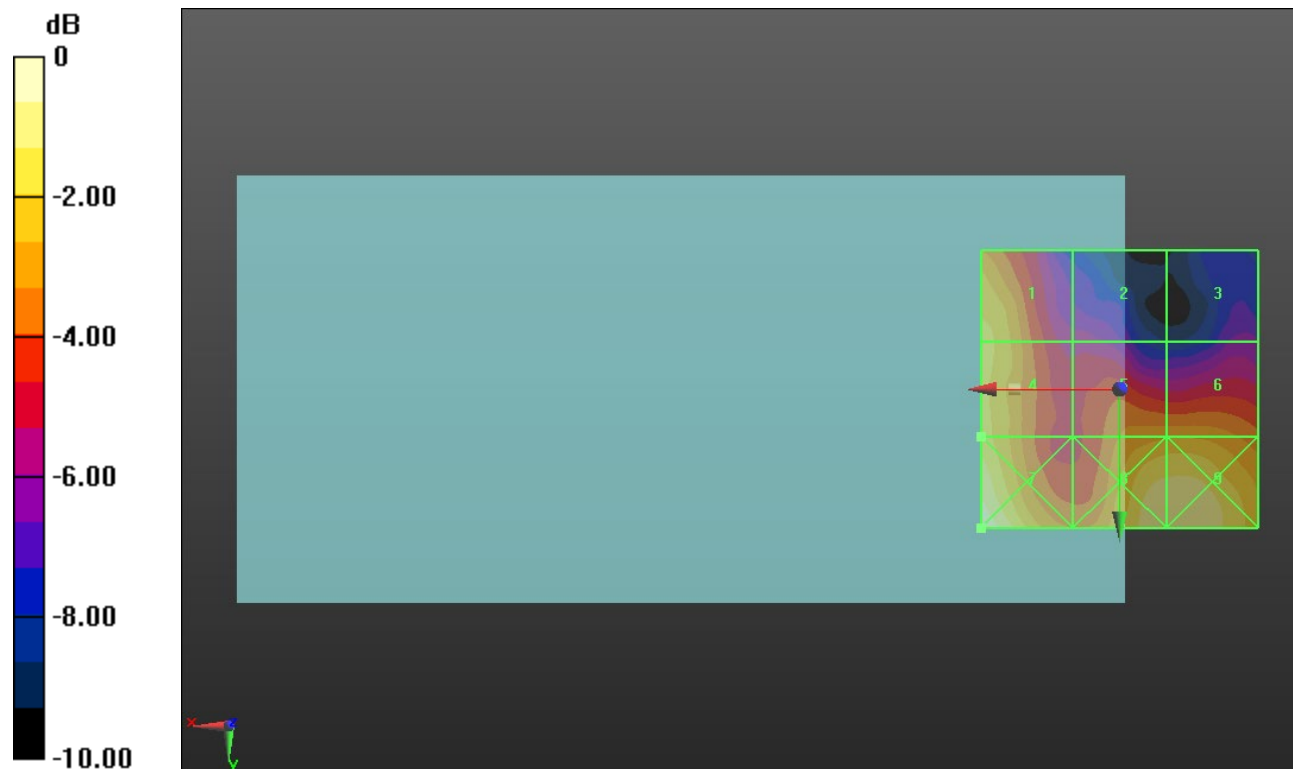
Applied MIF = -1.44 dB

RF audio interference level = 18.52 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.43 dBV/m</b>	Grid 2 <b>M4</b> <b>14.57 dBV/m</b>	Grid 3 <b>M4</b> <b>13.81 dBV/m</b>
Grid 4 <b>M4</b> <b>18.51 dBV/m</b>	Grid 5 <b>M4</b> <b>17.42 dBV/m</b>	Grid 6 <b>M4</b> <b>17.46 dBV/m</b>
Grid 7 <b>M4</b> <b>20.19 dBV/m</b>	Grid 8 <b>M4</b> <b>19.39 dBV/m</b>	Grid 9 <b>M4</b> <b>19.46 dBV/m</b>



0 dB = 10.22 V/m = 20.19 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 = 10.14 V/m; Power Drift = -0.09 dB

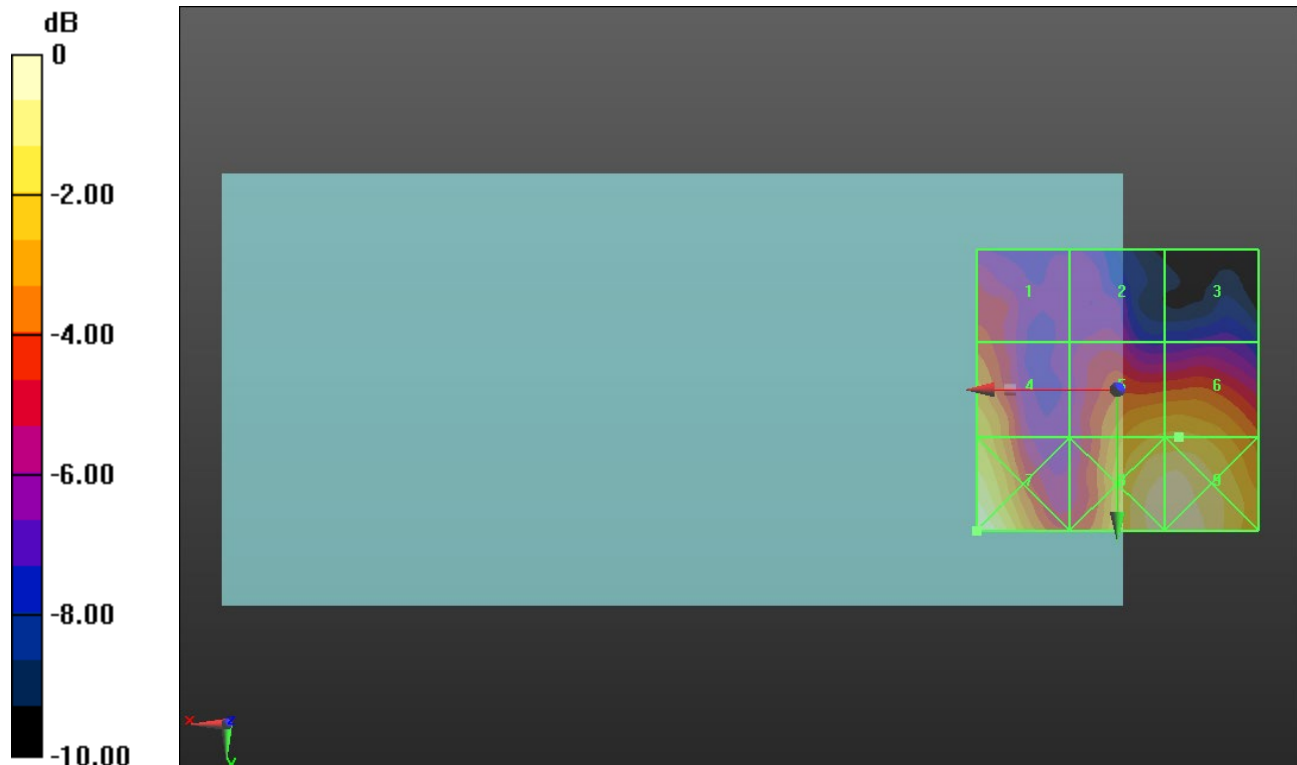
Applied MIF = -1.44 dB

RF audio interference level = 18.81 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>16.39 dBV/m</b>	Grid 2 <b>M4</b> <b>15.03 dBV/m</b>	Grid 3 <b>M4</b> <b>13.74 dBV/m</b>
Grid 4 <b>M4</b> <b>18.68 dBV/m</b>	Grid 5 <b>M4</b> <b>18.78 dBV/m</b>	Grid 6 <b>M4</b> <b>18.81 dBV/m</b>
Grid 7 <b>M4</b> <b>20.6 dBV/m</b>	Grid 8 <b>M4</b> <b>20.36 dBV/m</b>	Grid 9 <b>M4</b> <b>20.41 dBV/m</b>



0 dB = 10.72 V/m = 20.60 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 = 23.57 V/m; Power Drift = -0.08 dB

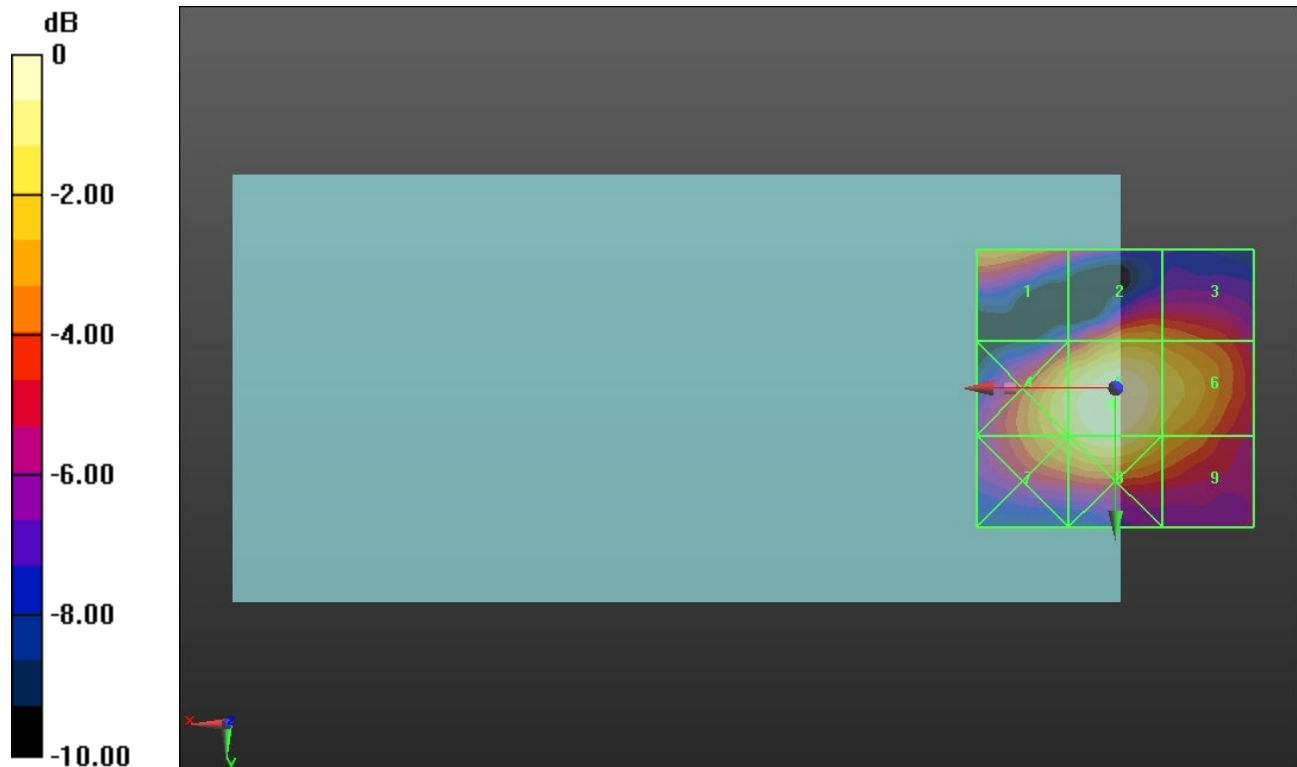
Applied MIF = -1.44 dB

RF audio interference level = 21.74 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.07 dBV/m</b>	Grid 2 <b>M4</b> <b>19.31 dBV/m</b>	Grid 3 <b>M4</b> <b>18.81 dBV/m</b>
Grid 4 <b>M4</b> <b>20.68 dBV/m</b>	Grid 5 <b>M4</b> <b>21.74 dBV/m</b>	Grid 6 <b>M4</b> <b>20.45 dBV/m</b>
Grid 7 <b>M4</b> <b>20.08 dBV/m</b>	Grid 8 <b>M4</b> <b>21.1 dBV/m</b>	Grid 9 <b>M4</b> <b>19.44 dBV/m</b>



0 dB = 12.22 V/m = 21.74 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 = 23.56 V/m; Power Drift = -0.07 dB

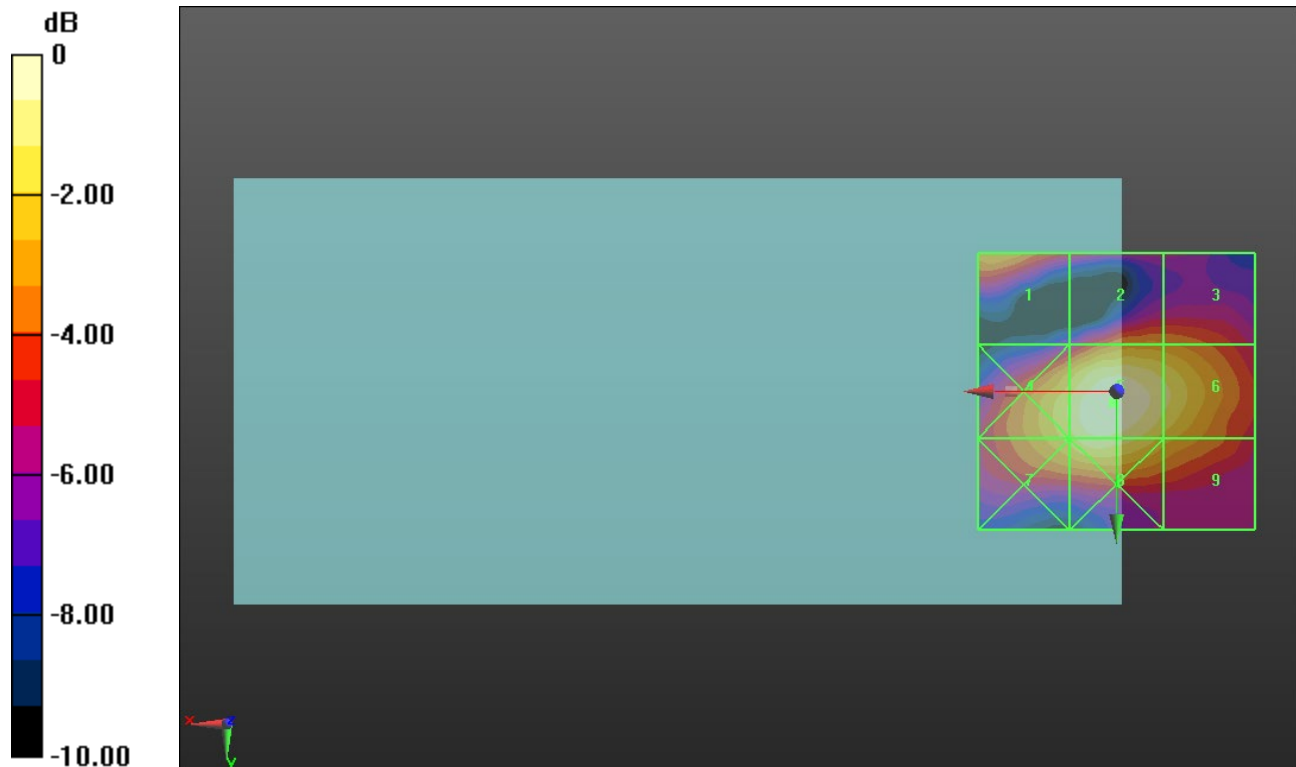
Applied MIF = -1.44 dB

RF audio interference level = 22.05 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.51 dBV/m</b>	Grid 2 <b>M4</b> <b>19.01 dBV/m</b>	Grid 3 <b>M4</b> <b>18.86 dBV/m</b>
Grid 4 <b>M4</b> <b>20.86 dBV/m</b>	Grid 5 <b>M4</b> <b>22.05 dBV/m</b>	Grid 6 <b>M4</b> <b>20.95 dBV/m</b>
Grid 7 <b>M4</b> <b>20.39 dBV/m</b>	Grid 8 <b>M4</b> <b>21.31 dBV/m</b>	Grid 9 <b>M4</b> <b>19.76 dBV/m</b>



0 dB = 12.67 V/m = 22.06 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 = 23.19 V/m; Power Drift = 0.05 dB

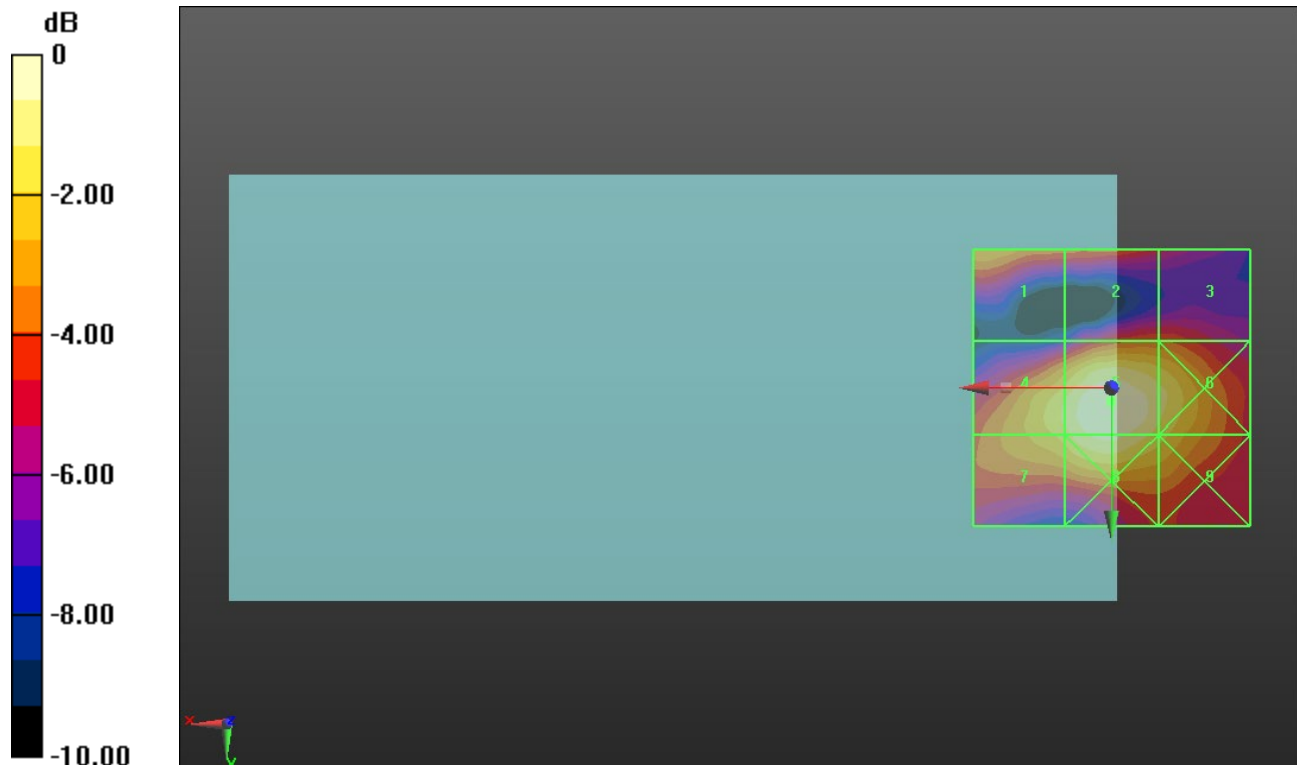
Applied MIF = -1.44 dB

RF audio interference level = 21.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.42 dBV/m</b>	Grid 2 <b>M4</b> <b>18.48 dBV/m</b>	Grid 3 <b>M4</b> <b>17.97 dBV/m</b>
Grid 4 <b>M4</b> <b>20.77 dBV/m</b>	Grid 5 <b>M4</b> <b>21.98 dBV/m</b>	Grid 6 <b>M4</b> <b>20.95 dBV/m</b>
Grid 7 <b>M4</b> <b>20.35 dBV/m</b>	Grid 8 <b>M4</b> <b>21.52 dBV/m</b>	Grid 9 <b>M4</b> <b>20.31 dBV/m</b>



0 dB = 12.55 V/m = 21.97 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 = 22.19 V/m; Power Drift = 0.03 dB

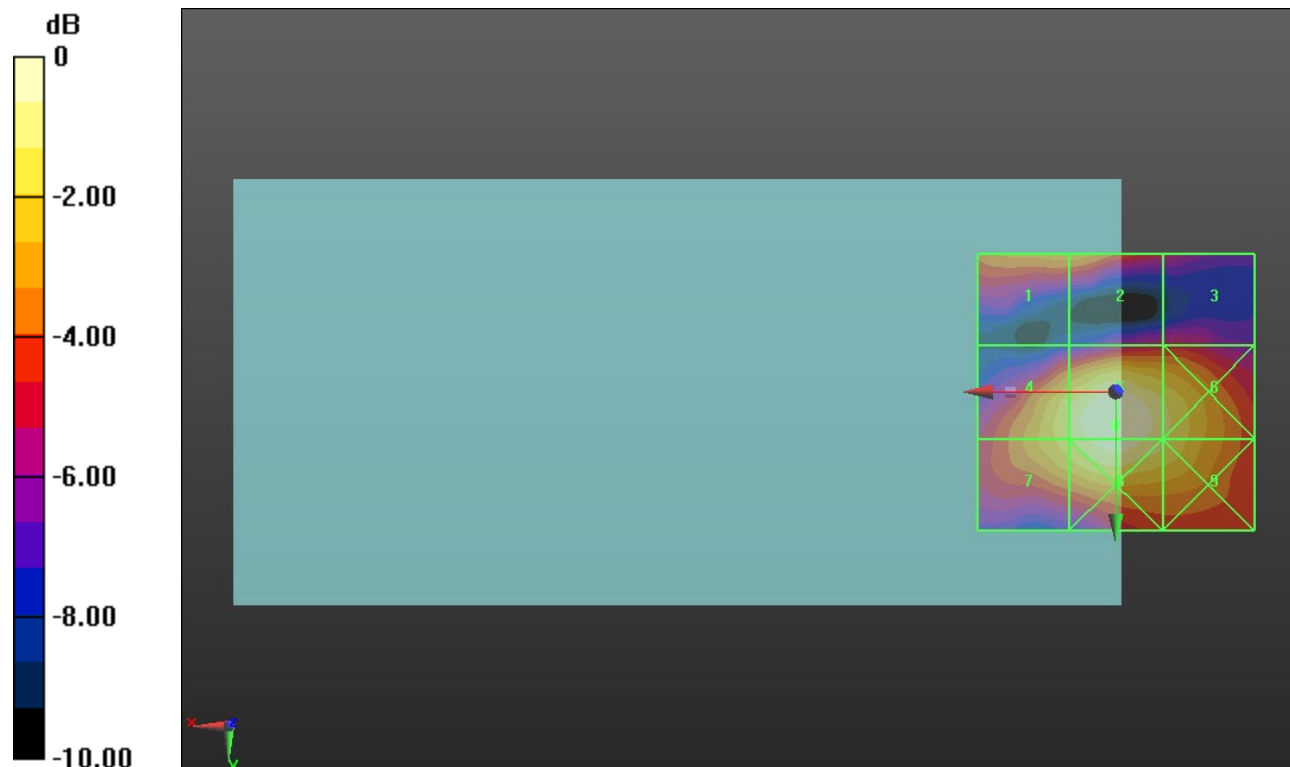
Applied MIF = -1.44 dB

RF audio interference level = 21.80 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.86 dBV/m</b>	Grid 2 <b>M4</b> <b>18.94 dBV/m</b>	Grid 3 <b>M4</b> <b>16.91 dBV/m</b>
Grid 4 <b>M4</b> <b>20.55 dBV/m</b>	Grid 5 <b>M4</b> <b>21.8 dBV/m</b>	Grid 6 <b>M4</b> <b>20.74 dBV/m</b>
Grid 7 <b>M4</b> <b>20.36 dBV/m</b>	Grid 8 <b>M4</b> <b>21.63 dBV/m</b>	Grid 9 <b>M4</b> <b>20.67 dBV/m</b>



0 dB = 12.30 V/m = 21.80 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 = 11.11 V/m; Power Drift = 0.53 dB

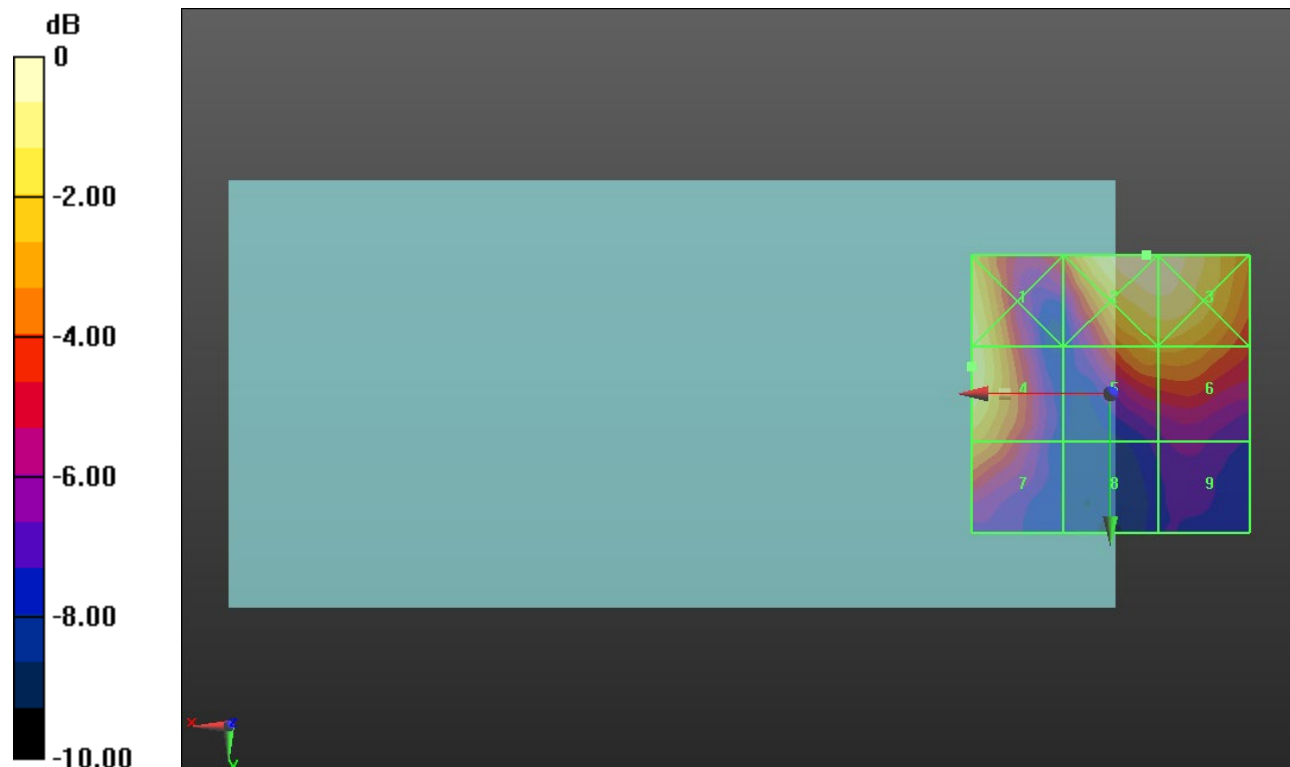
Applied MIF = -1.44 dB

RF audio interference level = 24.56 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>24.41 dBV/m</b>	<b>Grid 2 M4</b> <b>25.3 dBV/m</b>	<b>Grid 3 M4</b> <b>25.25 dBV/m</b>
<b>Grid 4 M4</b> <b>24.56 dBV/m</b>	<b>Grid 5 M4</b> <b>22.89 dBV/m</b>	<b>Grid 6 M4</b> <b>22.94 dBV/m</b>
<b>Grid 7 M4</b> <b>22.91 dBV/m</b>	<b>Grid 8 M4</b> <b>18.39 dBV/m</b>	<b>Grid 9 M4</b> <b>18.93 dBV/m</b>



0 dB = 18.40 V/m = 25.30 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 = 9.860 V/m; Power Drift = -0.51 dB

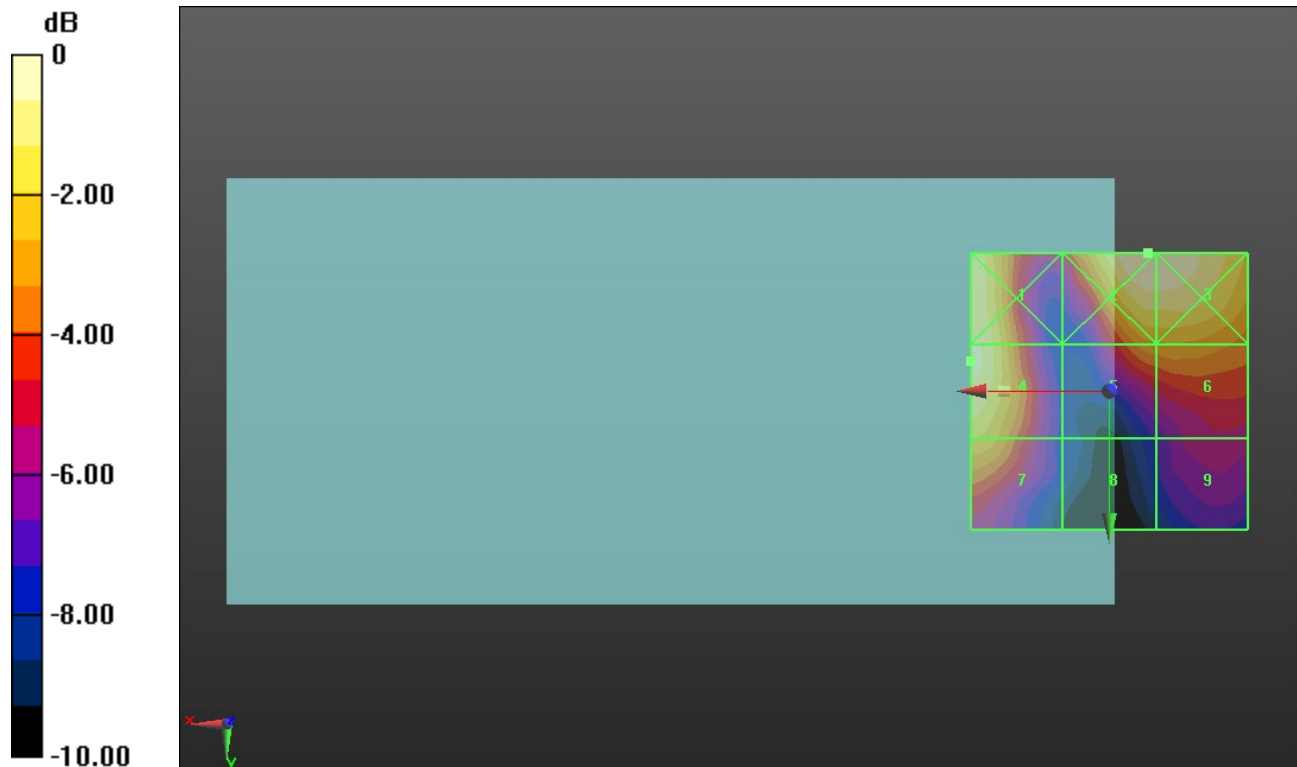
Applied MIF = -1.44 dB

RF audio interference level = 24.21 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>24.09 dBV/m</b>	<b>Grid 2 M4</b> <b>24.68 dBV/m</b>	<b>Grid 3 M4</b> <b>24.66 dBV/m</b>
<b>Grid 4 M4</b> <b>24.21 dBV/m</b>	<b>Grid 5 M4</b> <b>21.9 dBV/m</b>	<b>Grid 6 M4</b> <b>22.02 dBV/m</b>
<b>Grid 7 M4</b> <b>22.68 dBV/m</b>	<b>Grid 8 M4</b> <b>17.58 dBV/m</b>	<b>Grid 9 M4</b> <b>19.2 dBV/m</b>



0 dB = 17.15 V/m = 24.69 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 = 9.640 V/m; Power Drift = -0.11 dB

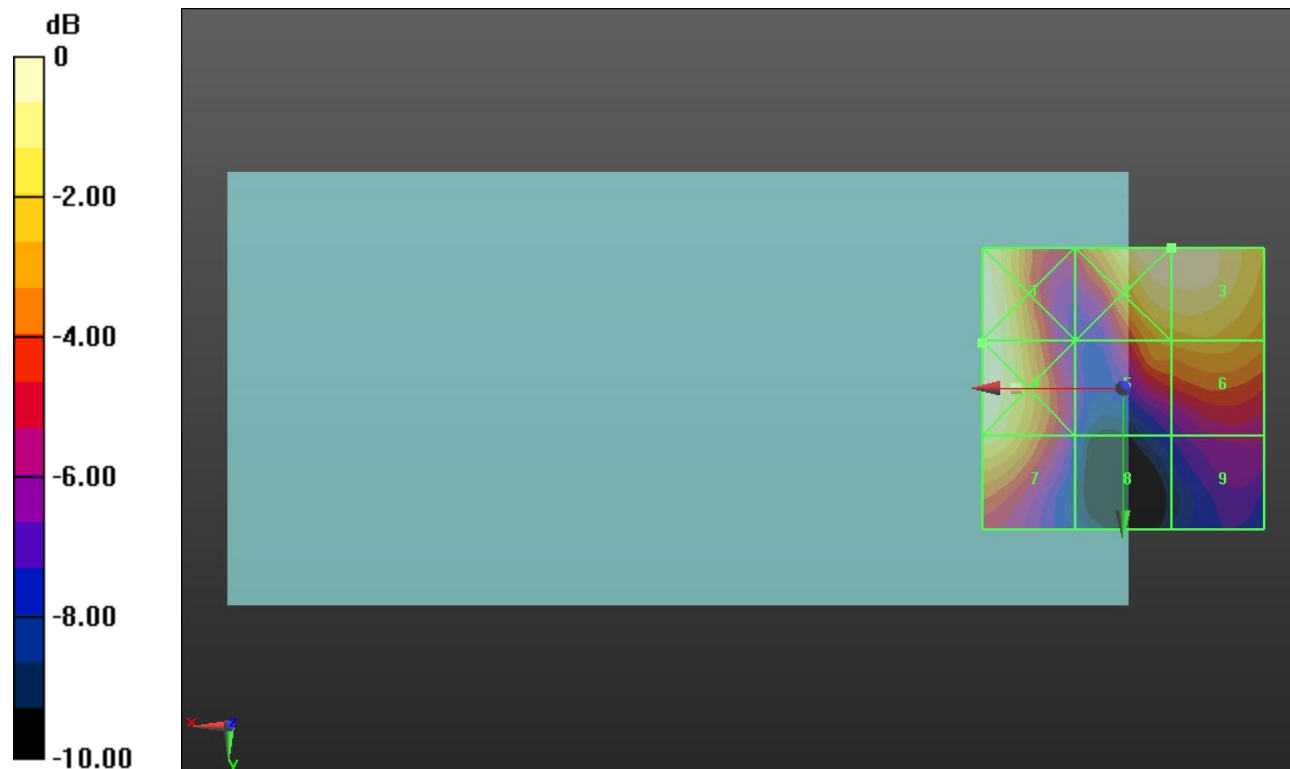
Applied MIF = -1.44 dB

RF audio interference level = 24.05 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.21 dBV/m</b>	Grid 2 <b>M4</b> <b>24.19 dBV/m</b>	Grid 3 <b>M4</b> <b>24.05 dBV/m</b>
Grid 4 <b>M4</b> <b>24.21 dBV/m</b>	Grid 5 <b>M4</b> <b>21.79 dBV/m</b>	Grid 6 <b>M4</b> <b>22.11 dBV/m</b>
Grid 7 <b>M4</b> <b>23.37 dBV/m</b>	Grid 8 <b>M4</b> <b>17.04 dBV/m</b>	Grid 9 <b>M4</b> <b>18.49 dBV/m</b>



0 dB = 16.25 V/m = 24.22 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 = 7.803 V/m; Power Drift = 0.03 dB

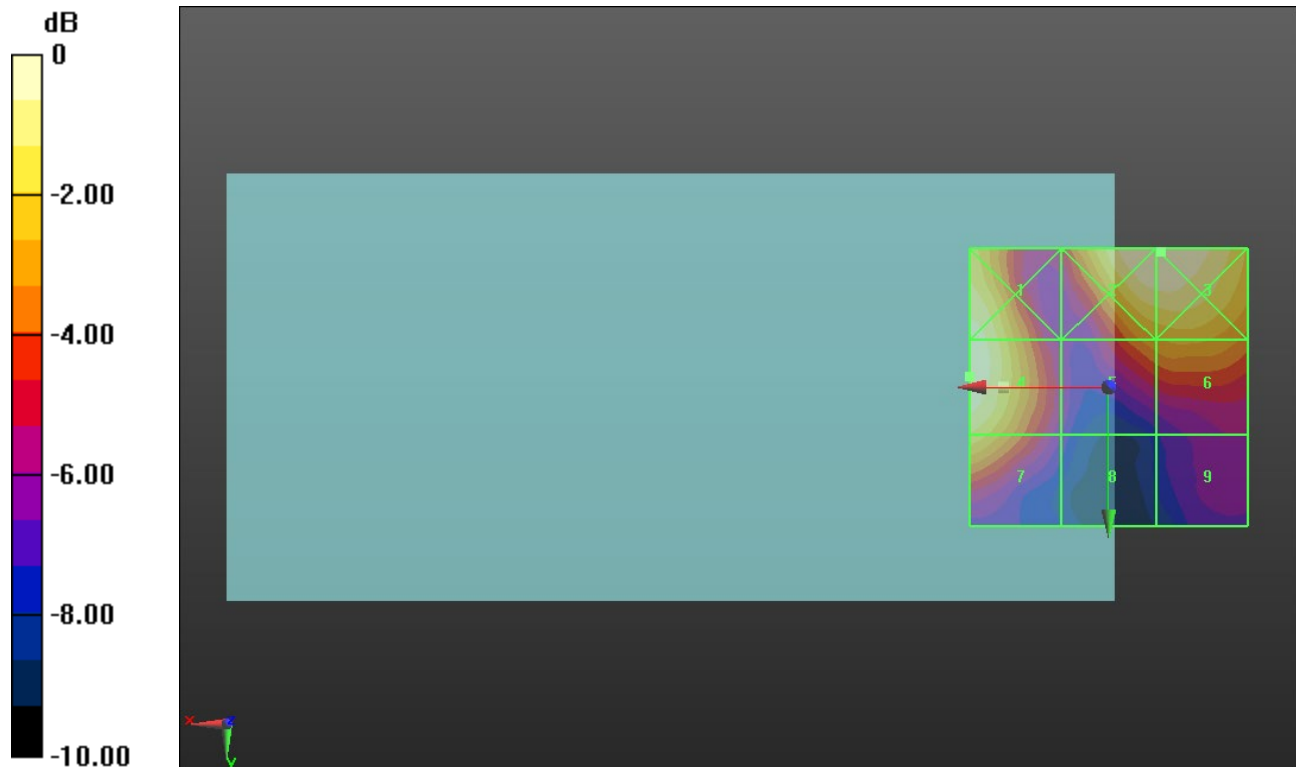
Applied MIF = -1.44 dB

RF audio interference level = 23.88 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.68 dBV/m</b>	Grid 2 <b>M4</b> <b>24.01 dBV/m</b>	Grid 3 <b>M4</b> <b>24.01 dBV/m</b>
Grid 4 <b>M4</b> <b>23.88 dBV/m</b>	Grid 5 <b>M4</b> <b>21.19 dBV/m</b>	Grid 6 <b>M4</b> <b>21.54 dBV/m</b>
Grid 7 <b>M4</b> <b>22.61 dBV/m</b>	Grid 8 <b>M4</b> <b>17.38 dBV/m</b>	Grid 9 <b>M4</b> <b>18.03 dBV/m</b>



0 dB = 15.87 V/m = 24.01 dBV/m