

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 42.45 V/m; Power Drift = 0.01 dB

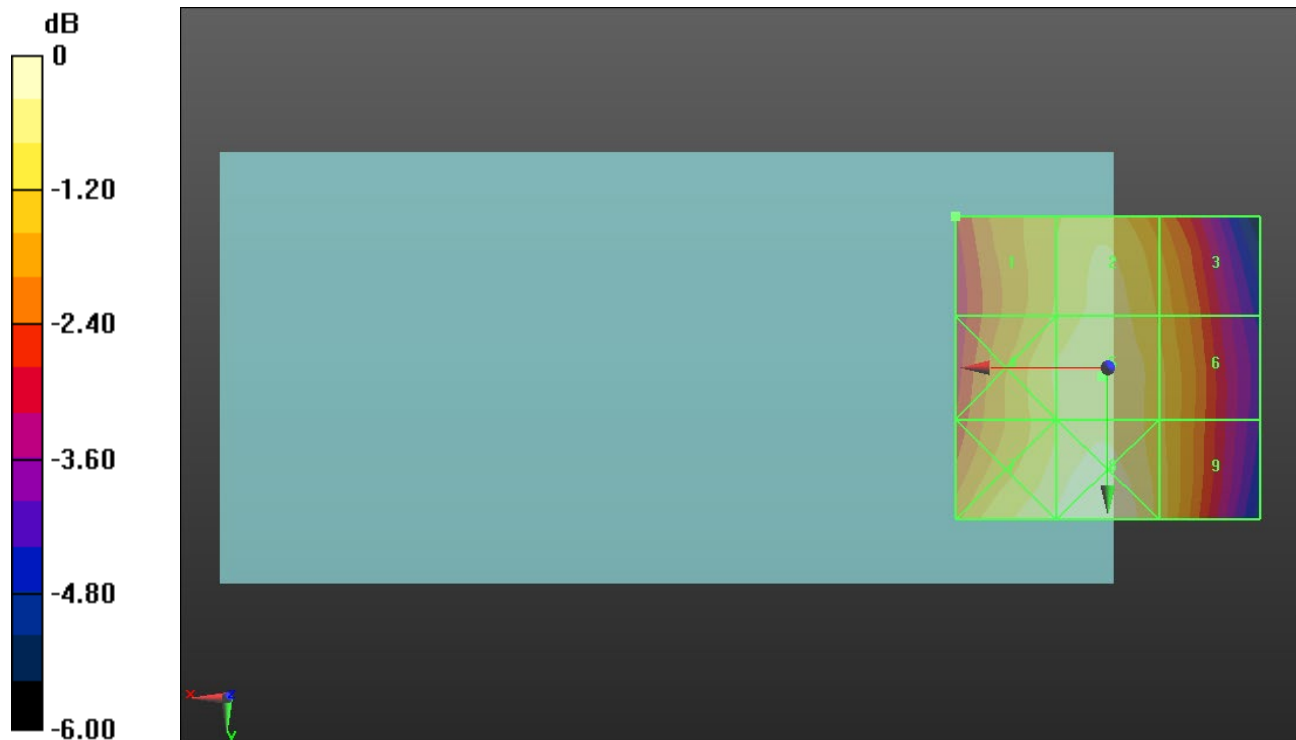
Applied MIF = 3.63 dB

RF audio interference level = 33.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.99 dBV/m	Grid 2 M4 33.44 dBV/m	Grid 3 M4 32.86 dBV/m
Grid 4 M4 33.37 dBV/m	Grid 5 M4 33.69 dBV/m	Grid 6 M4 33.05 dBV/m
Grid 7 M4 33.81 dBV/m	Grid 8 M4 34.11 dBV/m	Grid 9 M4 33.16 dBV/m



0 dB = 50.73 V/m = 34.11 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 41.53 V/m; Power Drift = 0.03 dB

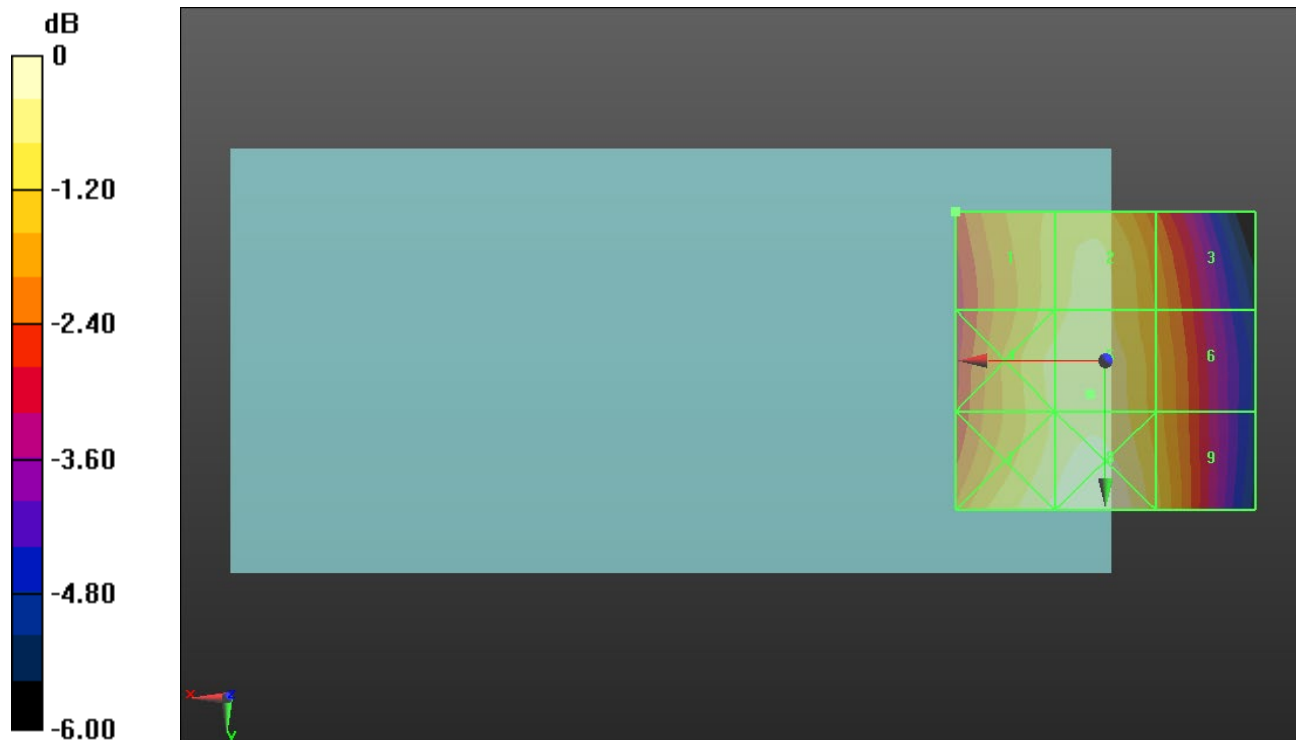
Applied MIF = 3.63 dB

RF audio interference level = 33.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.24 dBV/m	Grid 2 M4 33.52 dBV/m	Grid 3 M4 32.57 dBV/m
Grid 4 M4 33.55 dBV/m	Grid 5 M4 33.75 dBV/m	Grid 6 M4 32.79 dBV/m
Grid 7 M4 33.91 dBV/m	Grid 8 M4 34.2 dBV/m	Grid 9 M4 33.14 dBV/m



0 dB = 51.27 V/m = 34.20 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 45.58 V/m; Power Drift = -0.02 dB

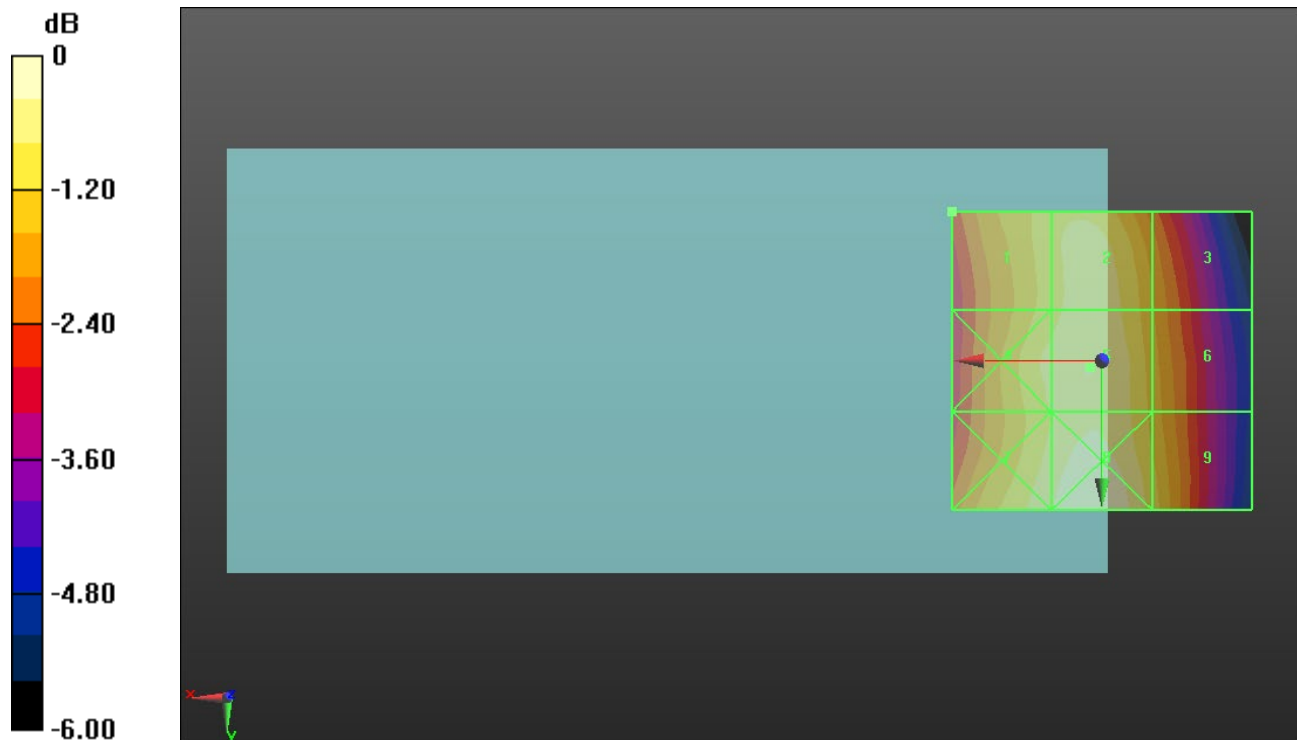
Applied MIF = 3.63 dB

RF audio interference level = 34.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34 dBV/m	Grid 2 M4 34.36 dBV/m	Grid 3 M4 33.39 dBV/m
Grid 4 M4 34.3 dBV/m	Grid 5 M4 34.55 dBV/m	Grid 6 M4 33.6 dBV/m
Grid 7 M4 34.54 dBV/m	Grid 8 M4 34.94 dBV/m	Grid 9 M4 33.95 dBV/m



0 dB = 55.84 V/m = 34.94 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.65 V/m; Power Drift = 0.00 dB

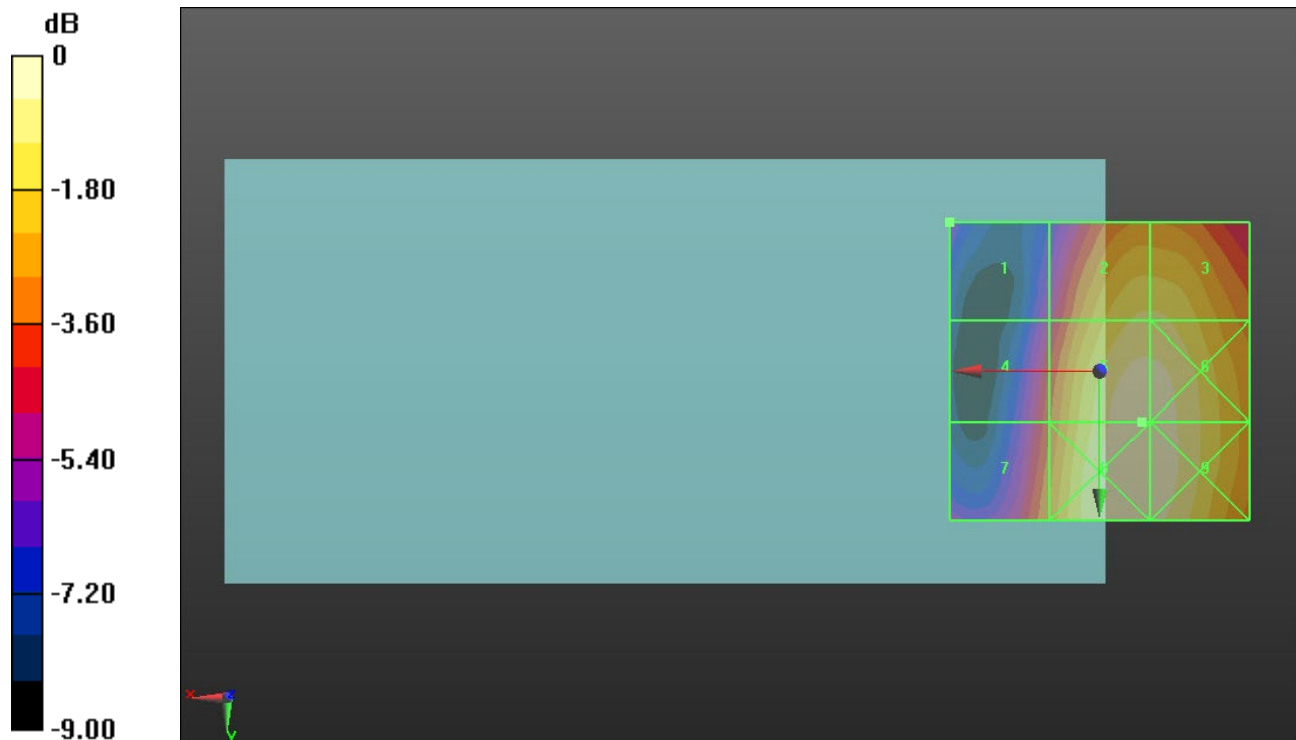
Applied MIF = 3.63 dB

RF audio interference level = 28.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.65 dBV/m	Grid 2 M4 27.74 dBV/m	Grid 3 M4 27.74 dBV/m
Grid 4 M4 25.07 dBV/m	Grid 5 M4 28.63 dBV/m	Grid 6 M4 28.58 dBV/m
Grid 7 M4 25.91 dBV/m	Grid 8 M4 28.8 dBV/m	Grid 9 M4 28.7 dBV/m



0 dB = 27.54 V/m = 28.80 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 20.28 V/m; Power Drift = 0.00 dB

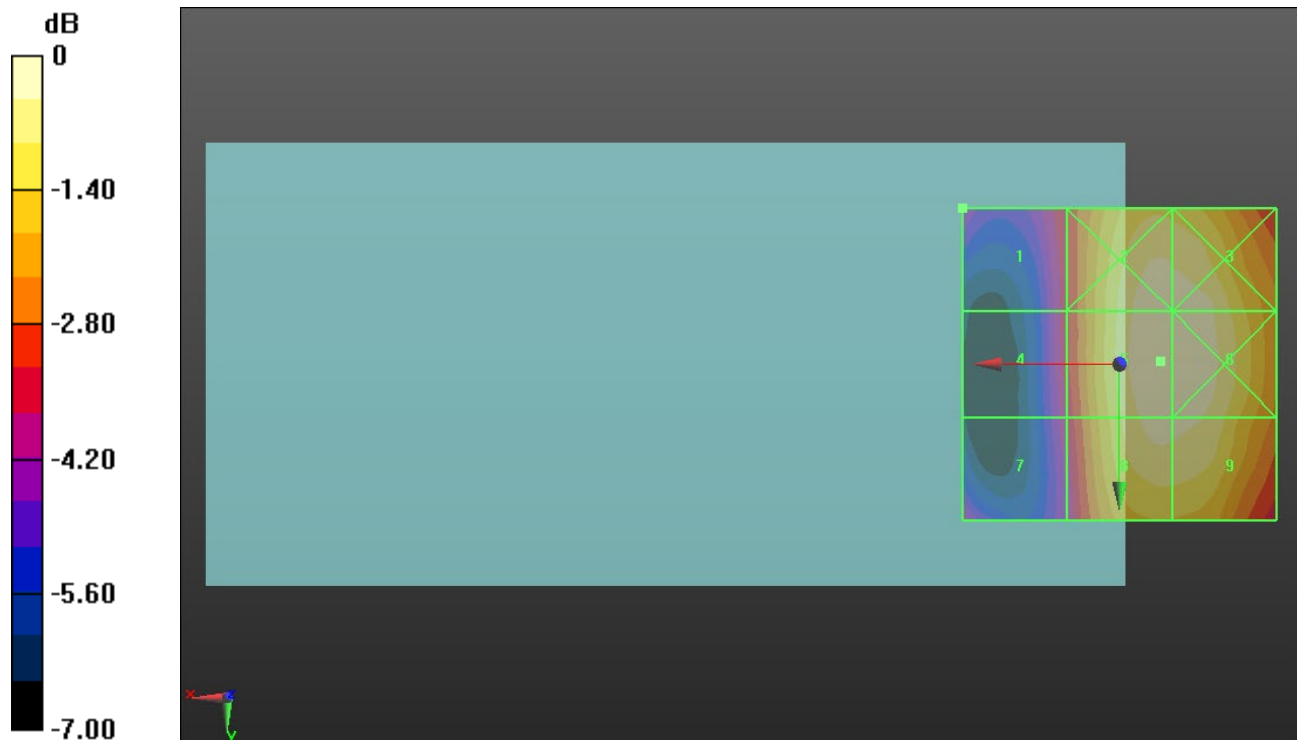
Applied MIF = 3.63 dB

RF audio interference level = 28.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.1 dBV/m	Grid 2 M4 28.19 dBV/m	Grid 3 M4 28.14 dBV/m
Grid 4 M4 24.9 dBV/m	Grid 5 M4 28.31 dBV/m	Grid 6 M4 28.26 dBV/m
Grid 7 M4 24.61 dBV/m	Grid 8 M4 28.06 dBV/m	Grid 9 M4 28.01 dBV/m



0 dB = 26.02 V/m = 28.31 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 18.28 V/m; Power Drift = -0.11 dB

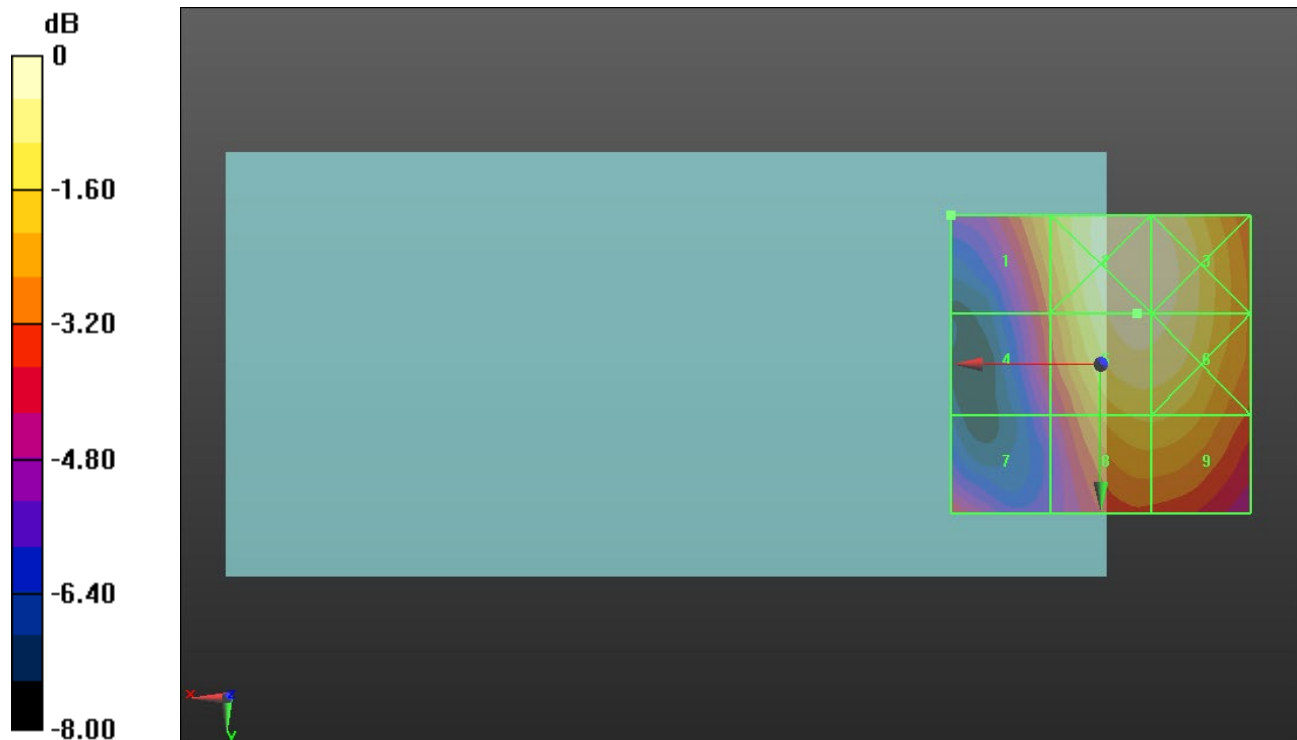
Applied MIF = 3.63 dB

RF audio interference level = 27.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.05 dBV/m	Grid 2 M4 27.89 dBV/m	Grid 3 M4 27.77 dBV/m
Grid 4 M4 24.85 dBV/m	Grid 5 M4 27.69 dBV/m	Grid 6 M4 27.6 dBV/m
Grid 7 M4 24.34 dBV/m	Grid 8 M4 26.41 dBV/m	Grid 9 M4 26.41 dBV/m



0 dB = 24.80 V/m = 27.89 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 14.54 V/m; Power Drift = -0.07 dB

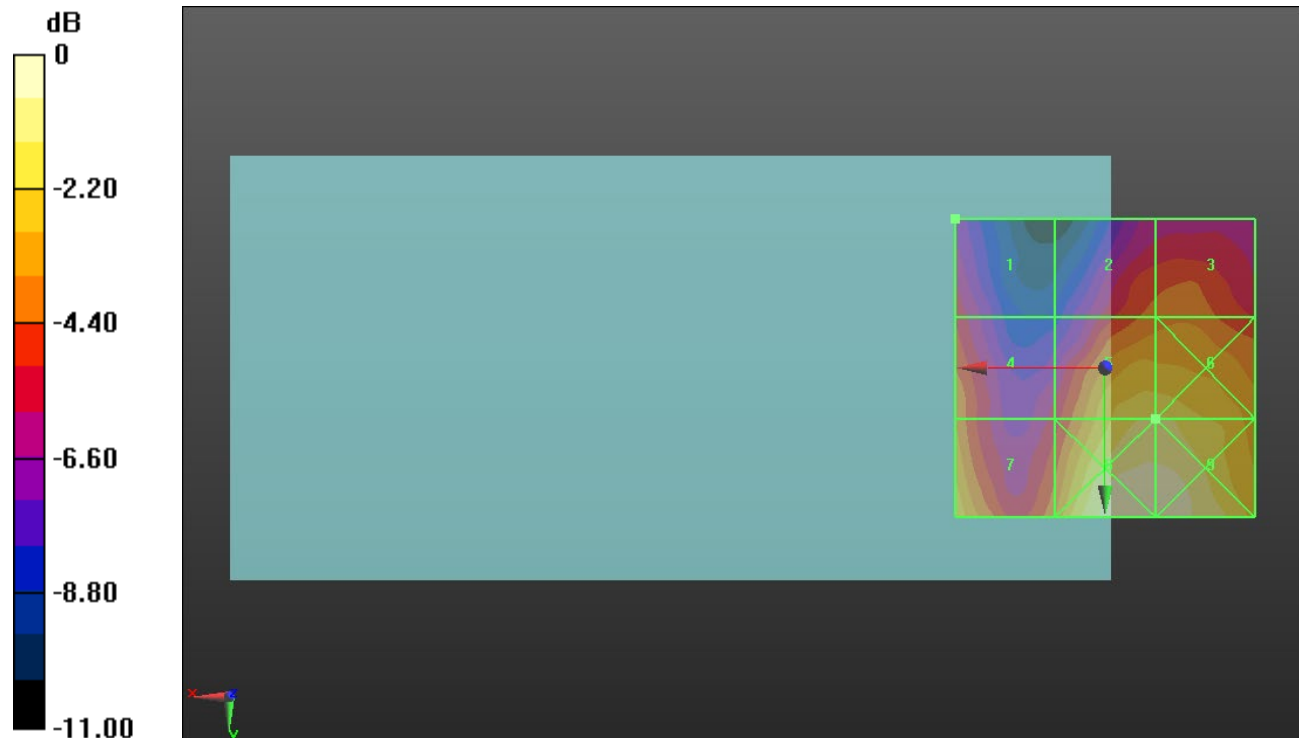
Applied MIF = -1.44 dB

RF audio interference level = 22.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.99 dBV/m	Grid 2 M4 20.21 dBV/m	Grid 3 M4 20.44 dBV/m
Grid 4 M4 20.64 dBV/m	Grid 5 M4 22.82 dBV/m	Grid 6 M4 22.83 dBV/m
Grid 7 M4 22.03 dBV/m	Grid 8 M4 24.21 dBV/m	Grid 9 M4 24.18 dBV/m



0 dB = 16.23 V/m = 24.21 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 14.13 V/m; Power Drift = 0.14 dB

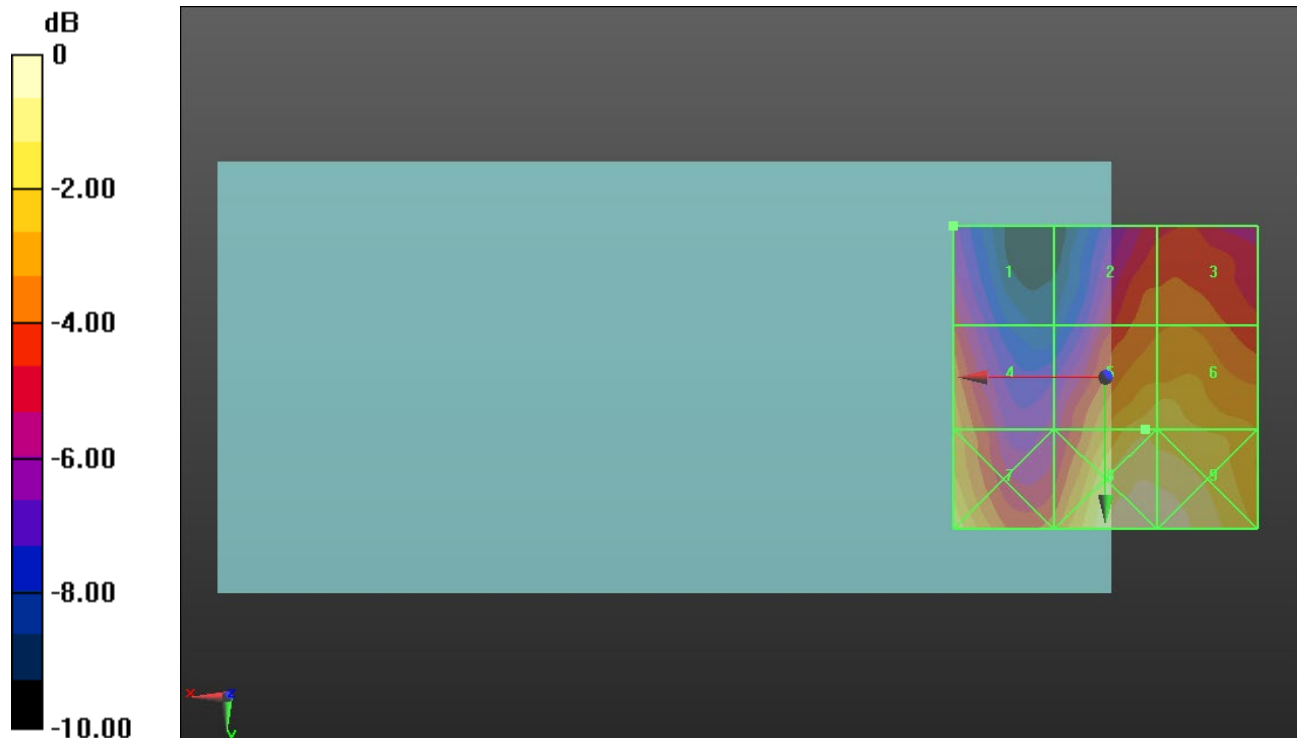
Applied MIF = -1.44 dB

RF audio interference level = 22.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.44 dBV/m	Grid 2 M4 20.69 dBV/m	Grid 3 M4 20.82 dBV/m
Grid 4 M4 21.26 dBV/m	Grid 5 M4 22.57 dBV/m	Grid 6 M4 22.5 dBV/m
Grid 7 M4 22.84 dBV/m	Grid 8 M4 24.13 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 16.08 V/m = 24.13 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 14.39 V/m; Power Drift = -0.09 dB

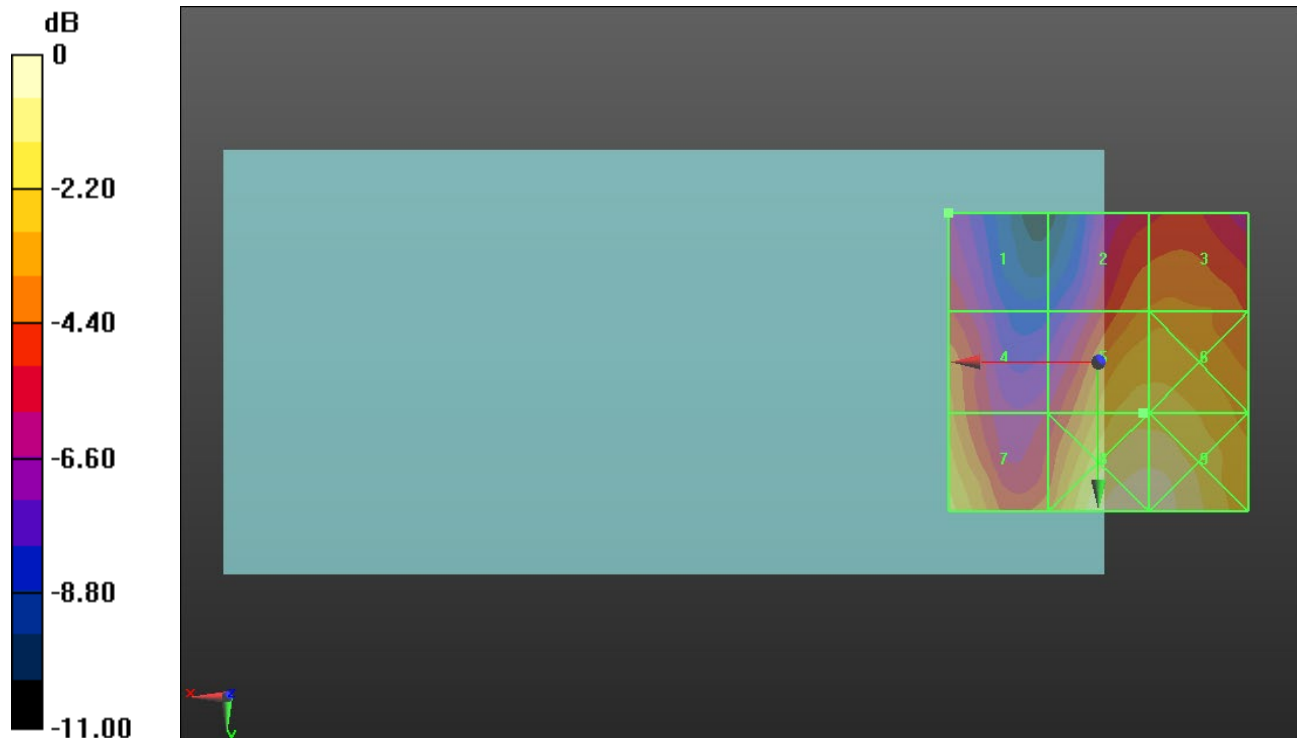
Applied MIF = -1.44 dB

RF audio interference level = 22.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.1 dBV/m	Grid 2 M4 20.59 dBV/m	Grid 3 M4 20.72 dBV/m
Grid 4 M4 20.75 dBV/m	Grid 5 M4 22.37 dBV/m	Grid 6 M4 22.37 dBV/m
Grid 7 M4 22.28 dBV/m	Grid 8 M4 24.1 dBV/m	Grid 9 M4 23.84 dBV/m



0 dB = 16.04 V/m = 24.10 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 11.55 V/m; Power Drift = 0.04 dB

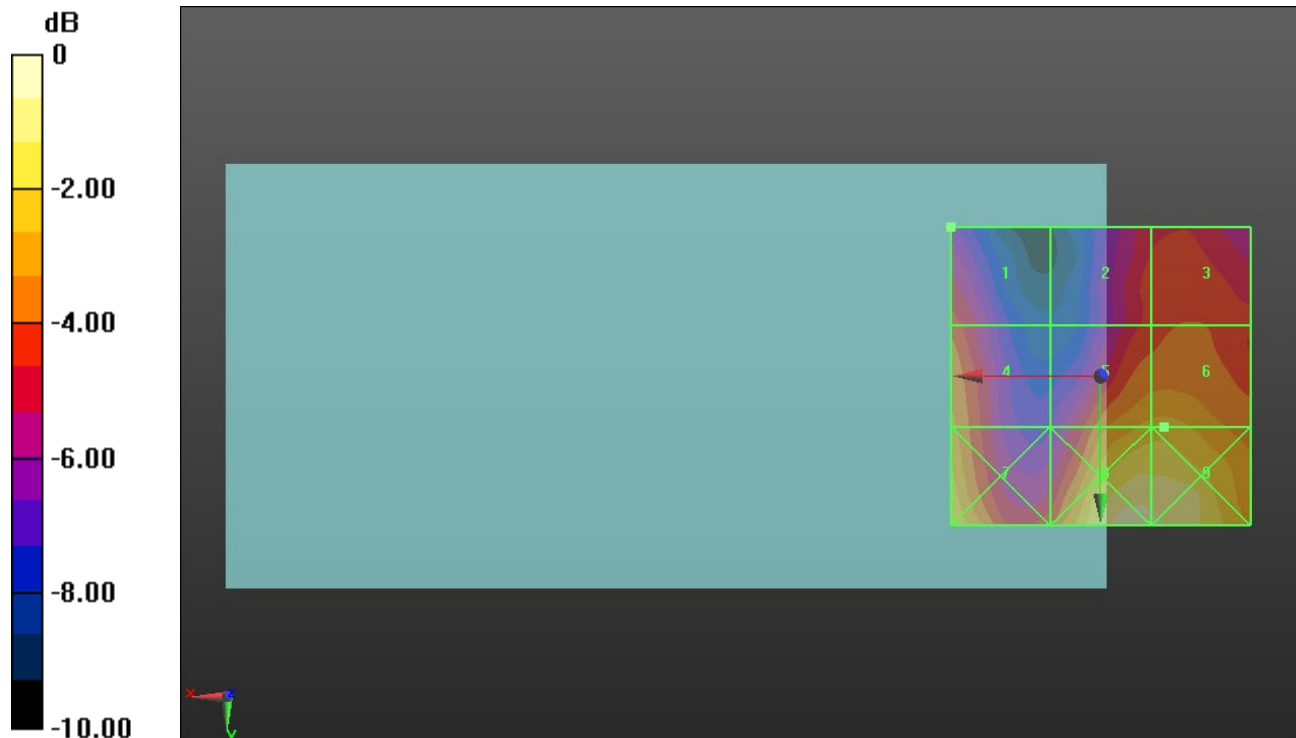
Applied MIF = -1.44 dB

RF audio interference level = 21.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.14 dBV/m	Grid 2 M4 19.14 dBV/m	Grid 3 M4 19.49 dBV/m
Grid 4 M4 20.37 dBV/m	Grid 5 M4 21.02 dBV/m	Grid 6 M4 21.08 dBV/m
Grid 7 M4 21.65 dBV/m	Grid 8 M4 23.42 dBV/m	Grid 9 M4 22.97 dBV/m



0 dB = 14.83 V/m = 23.42 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 10.38 V/m; Power Drift = -0.13 dB

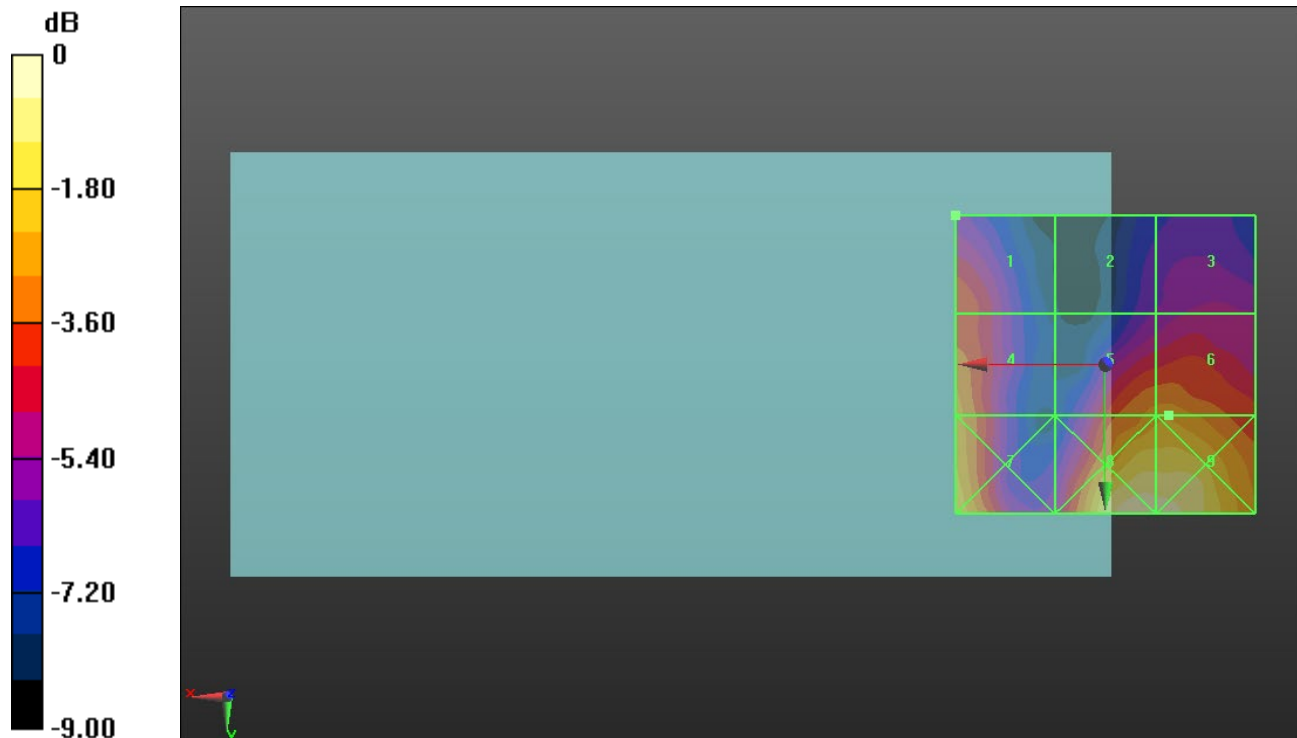
Applied MIF = -1.44 dB

RF audio interference level = 20.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.95 dBV/m	Grid 2 M4 16.87 dBV/m	Grid 3 M4 17.5 dBV/m
Grid 4 M4 19.96 dBV/m	Grid 5 M4 20.07 dBV/m	Grid 6 M4 20.16 dBV/m
Grid 7 M4 21.01 dBV/m	Grid 8 M4 22.74 dBV/m	Grid 9 M4 22.57 dBV/m



0 dB = 13.71 V/m = 22.74 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 14.73 V/m; Power Drift = -0.06 dB

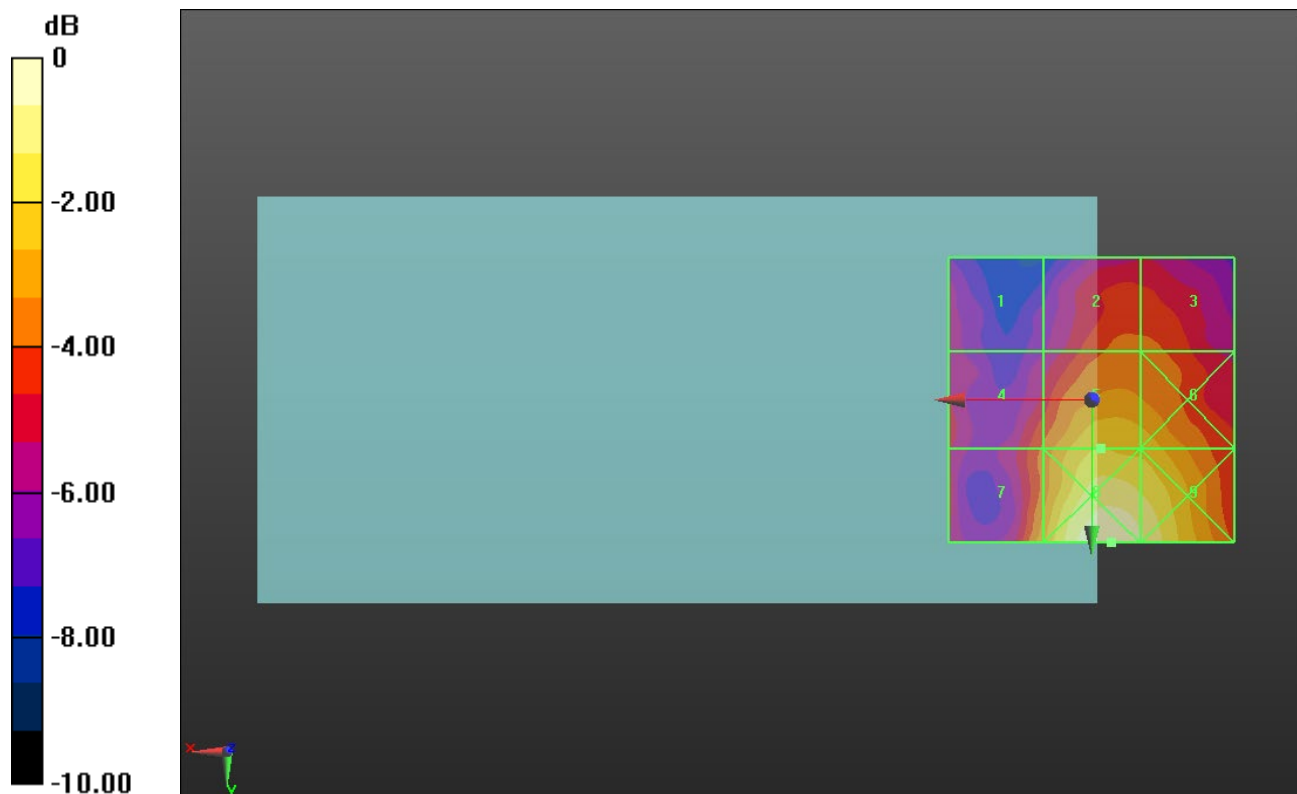
Applied MIF = -1.44 dB

RF audio interference level = 21.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.77 dBV/m	Grid 2 M4 19.55 dBV/m	Grid 3 M4 19.52 dBV/m
Grid 4 M4 19.47 dBV/m	Grid 5 M4 21.35 dBV/m	Grid 6 M4 21.11 dBV/m
Grid 7 M4 20.6 dBV/m	Grid 8 M4 23.3 dBV/m	Grid 9 M4 22.78 dBV/m



0 dB = 14.62 V/m = 23.30 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 15.81 V/m; Power Drift = -0.03 dB

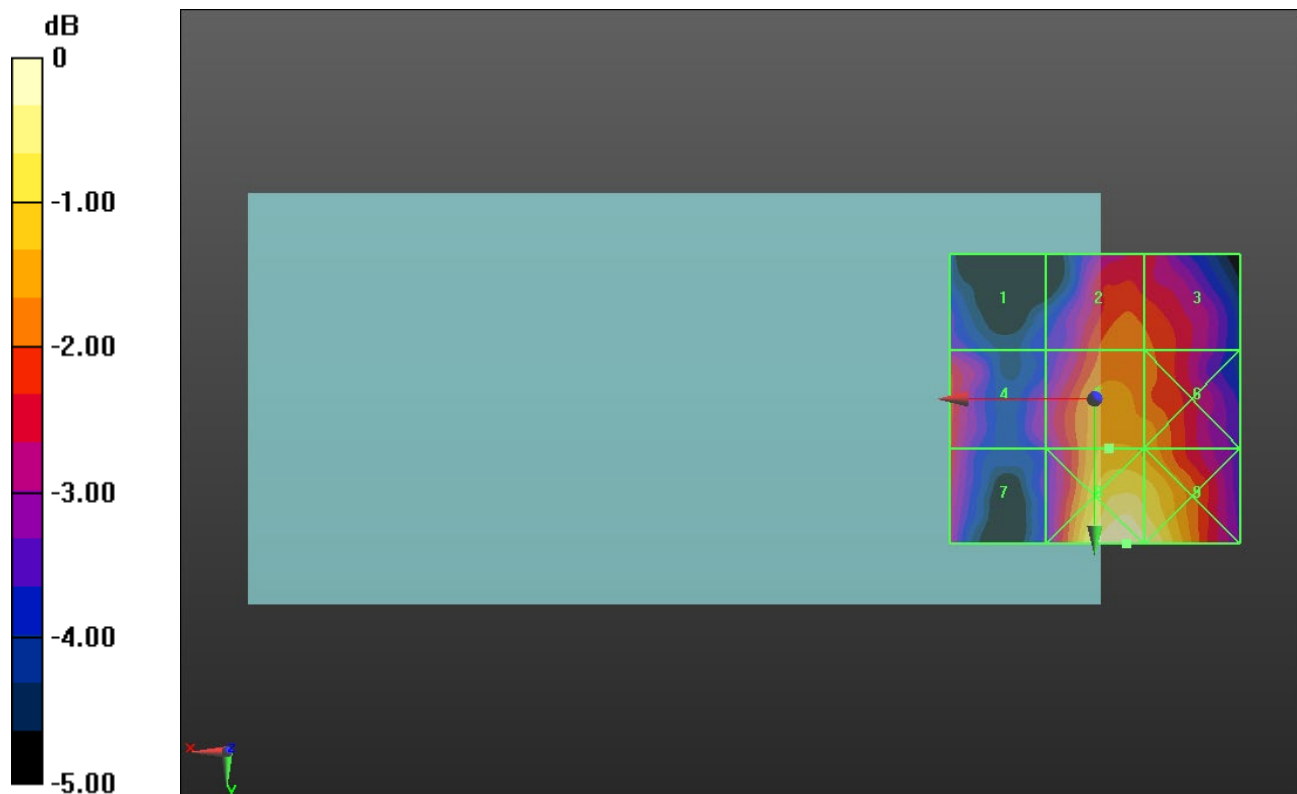
Applied MIF = -1.44 dB

RF audio interference level = 21.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.12 dBV/m	Grid 2 M4 20.59 dBV/m	Grid 3 M4 20.44 dBV/m
Grid 4 M4 20.16 dBV/m	Grid 5 M4 21.05 dBV/m	Grid 6 M4 20.88 dBV/m
Grid 7 M4 20.09 dBV/m	Grid 8 M4 22.31 dBV/m	Grid 9 M4 22.14 dBV/m



0 dB = 13.05 V/m = 22.31 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 16.65 V/m; Power Drift = 0.23 dB

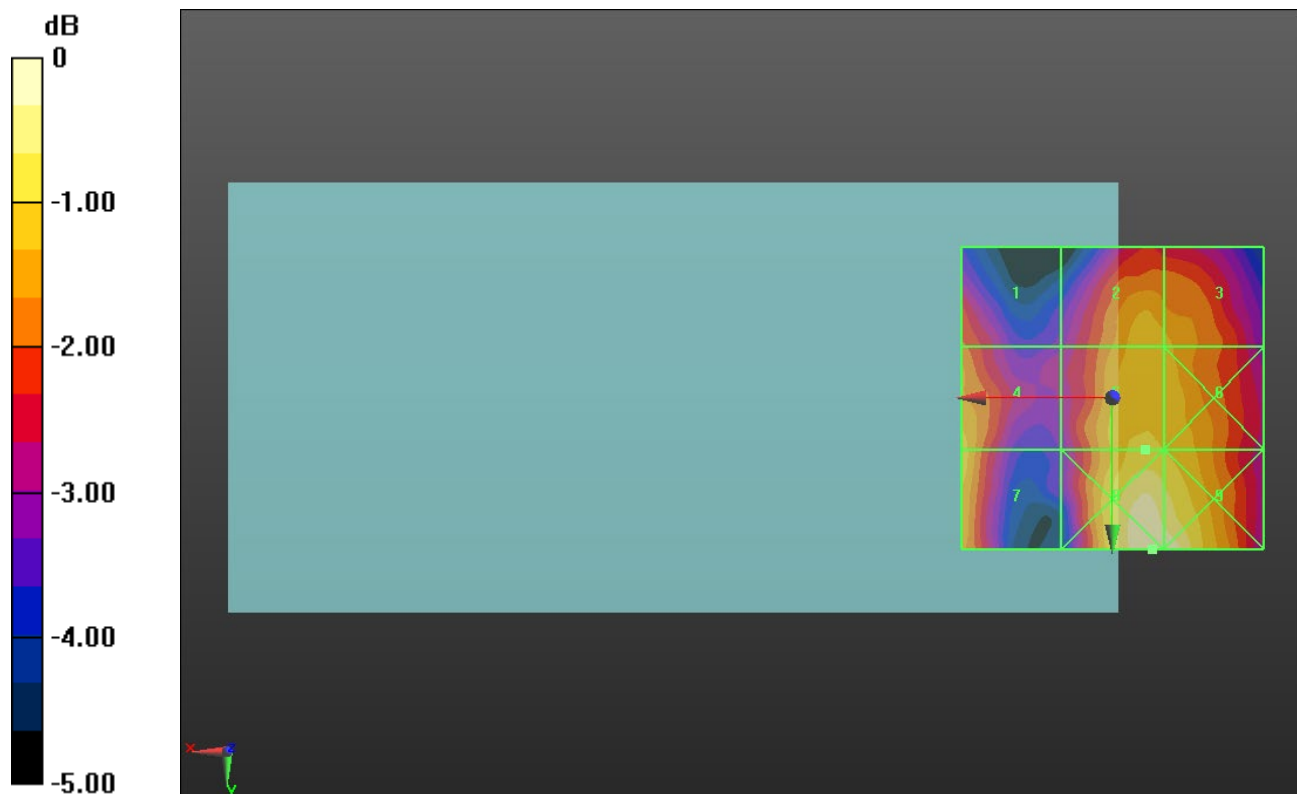
Applied MIF = -1.44 dB

RF audio interference level = 21.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.52 dBV/m	Grid 2 M4 21.34 dBV/m	Grid 3 M4 21.17 dBV/m
Grid 4 M4 21.35 dBV/m	Grid 5 M4 21.54 dBV/m	Grid 6 M4 21.41 dBV/m
Grid 7 M4 21.38 dBV/m	Grid 8 M4 22.41 dBV/m	Grid 9 M4 22.33 dBV/m



0 dB = 13.19 V/m = 22.40 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 16.11 V/m; Power Drift = -0.06 dB

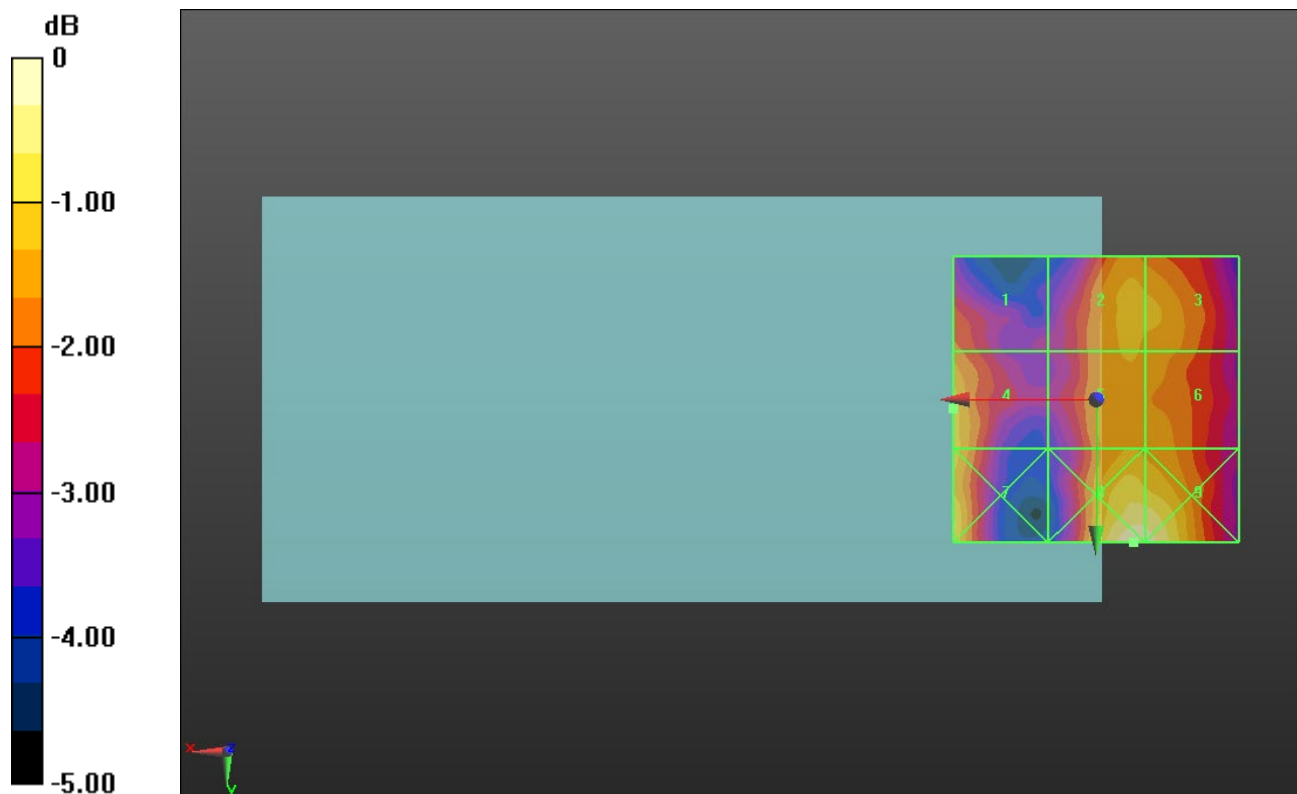
Applied MIF = -1.44 dB

RF audio interference level = 21.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.51 dBV/m	Grid 2 M4 21.18 dBV/m	Grid 3 M4 21.16 dBV/m
Grid 4 M4 21.23 dBV/m	Grid 5 M4 21.07 dBV/m	Grid 6 M4 20.97 dBV/m
Grid 7 M4 21.45 dBV/m	Grid 8 M4 22.36 dBV/m	Grid 9 M4 22.23 dBV/m



0 dB = 13.11 V/m = 22.35 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 16.00 V/m; Power Drift = -0.35 dB

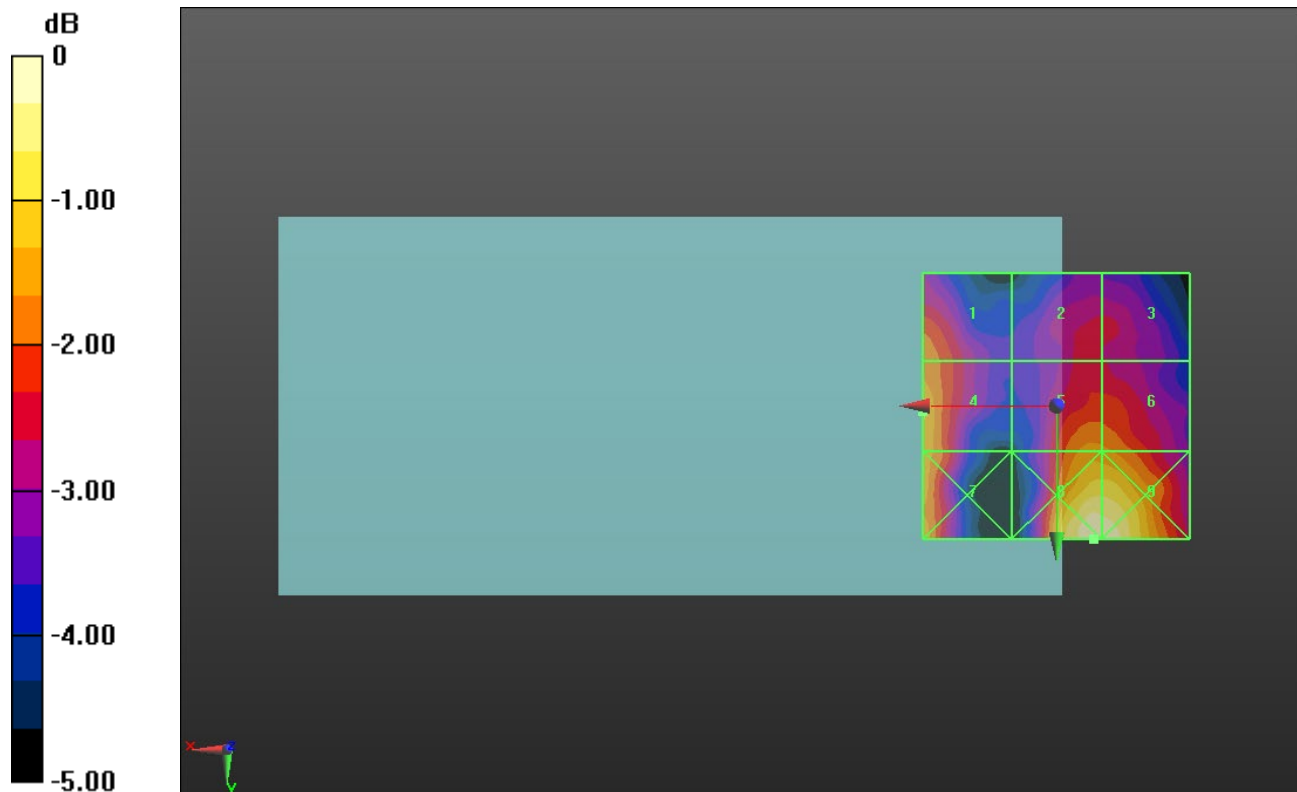
Applied MIF = -1.44 dB

RF audio interference level = 21.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.95 dBV/m	Grid 2 M4 20.2 dBV/m	Grid 3 M4 20.19 dBV/m
Grid 4 M4 21.42 dBV/m	Grid 5 M4 21.18 dBV/m	Grid 6 M4 21.12 dBV/m
Grid 7 M4 21.41 dBV/m	Grid 8 M4 22.68 dBV/m	Grid 9 M4 22.64 dBV/m



0 dB = 13.61 V/m = 22.68 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 6.655 V/m; Power Drift = -0.02 dB

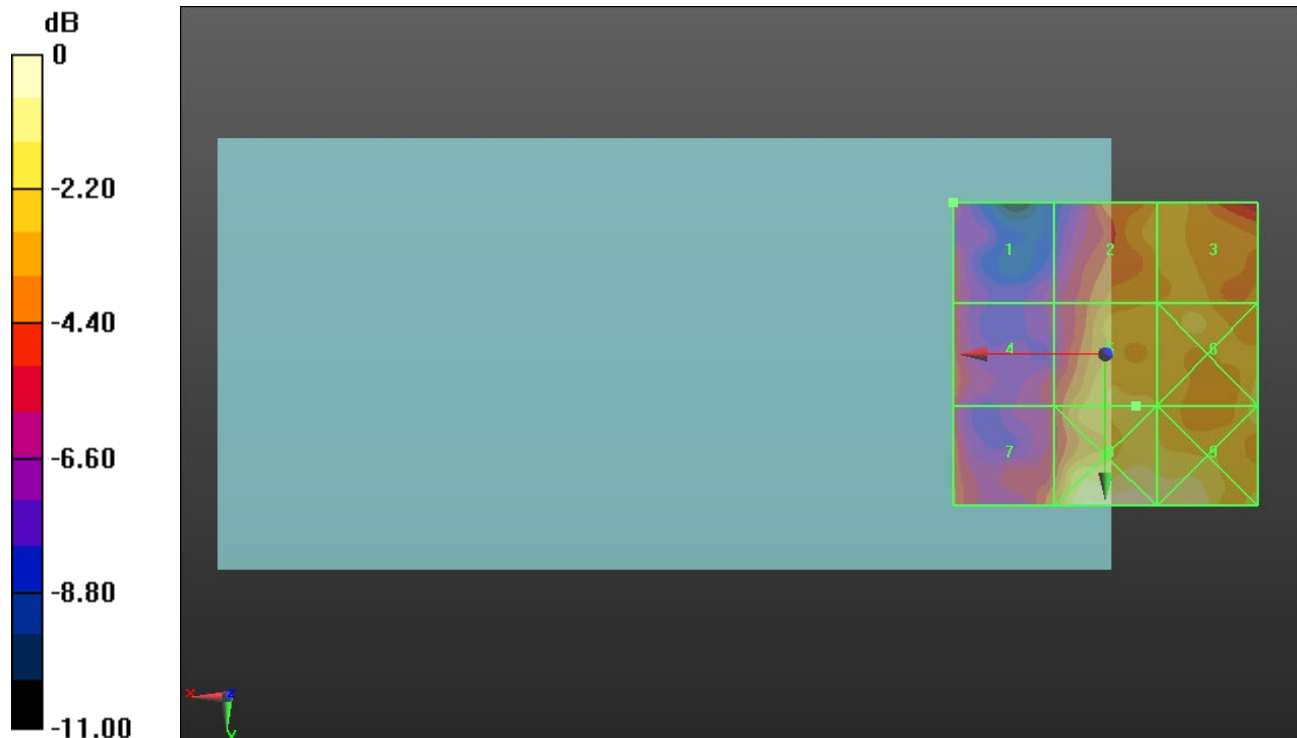
Applied MIF = -1.44 dB

RF audio interference level = 15.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.8 dBV/m	Grid 2 M4 14.37 dBV/m	Grid 3 M4 14.53 dBV/m
Grid 4 M4 12.49 dBV/m	Grid 5 M4 15.01 dBV/m	Grid 6 M4 15.27 dBV/m
Grid 7 M4 13.32 dBV/m	Grid 8 M4 16.87 dBV/m	Grid 9 M4 16.26 dBV/m



0 dB = 6.974 V/m = 16.87 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 123.9 V/m; Power Drift = -0.04 dB

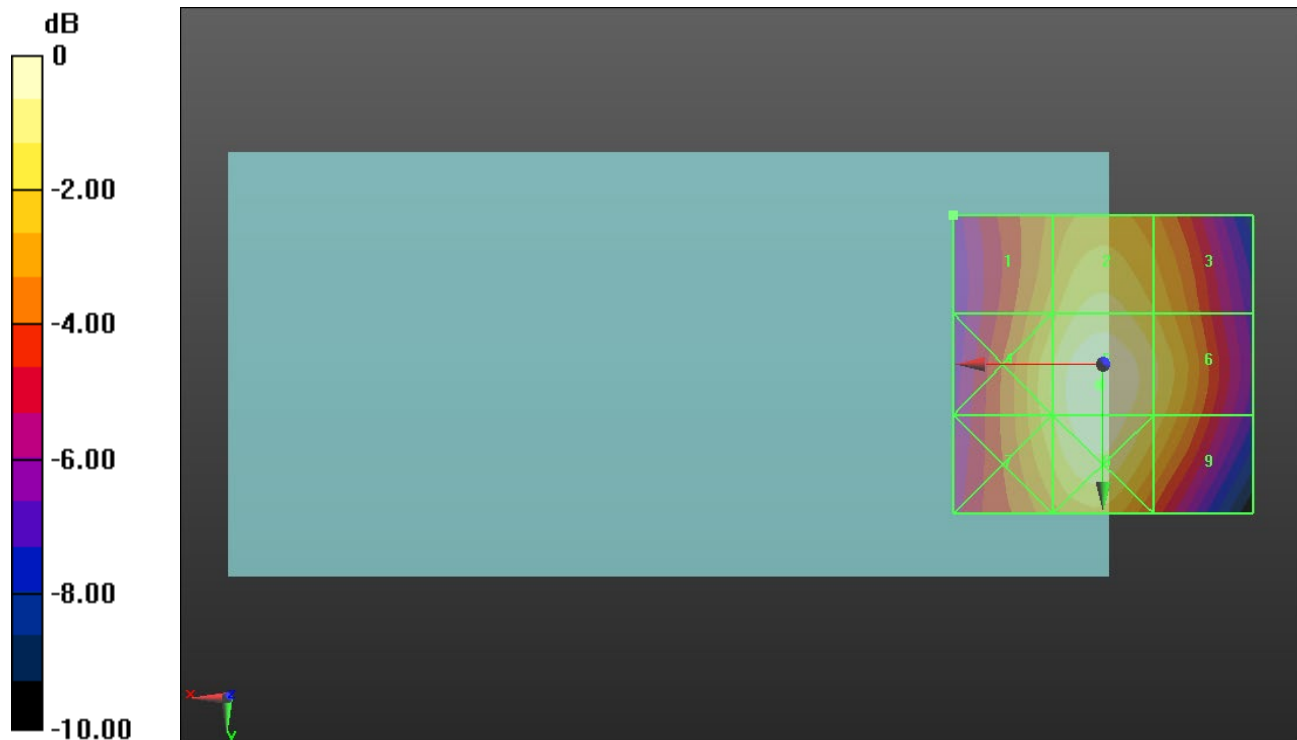
Applied MIF = 3.63 dB

RF audio interference level = 40.10 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.88 dBV/m	Grid 2 M4 39.1 dBV/m	Grid 3 M4 38.14 dBV/m
Grid 4 M4 38.83 dBV/m	Grid 5 M3 40.1 dBV/m	Grid 6 M4 38.95 dBV/m
Grid 7 M4 38.69 dBV/m	Grid 8 M4 39.94 dBV/m	Grid 9 M4 38.56 dBV/m



0 dB = 101.1 V/m = 40.10 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 133.2 V/m; Power Drift = -0.05 dB

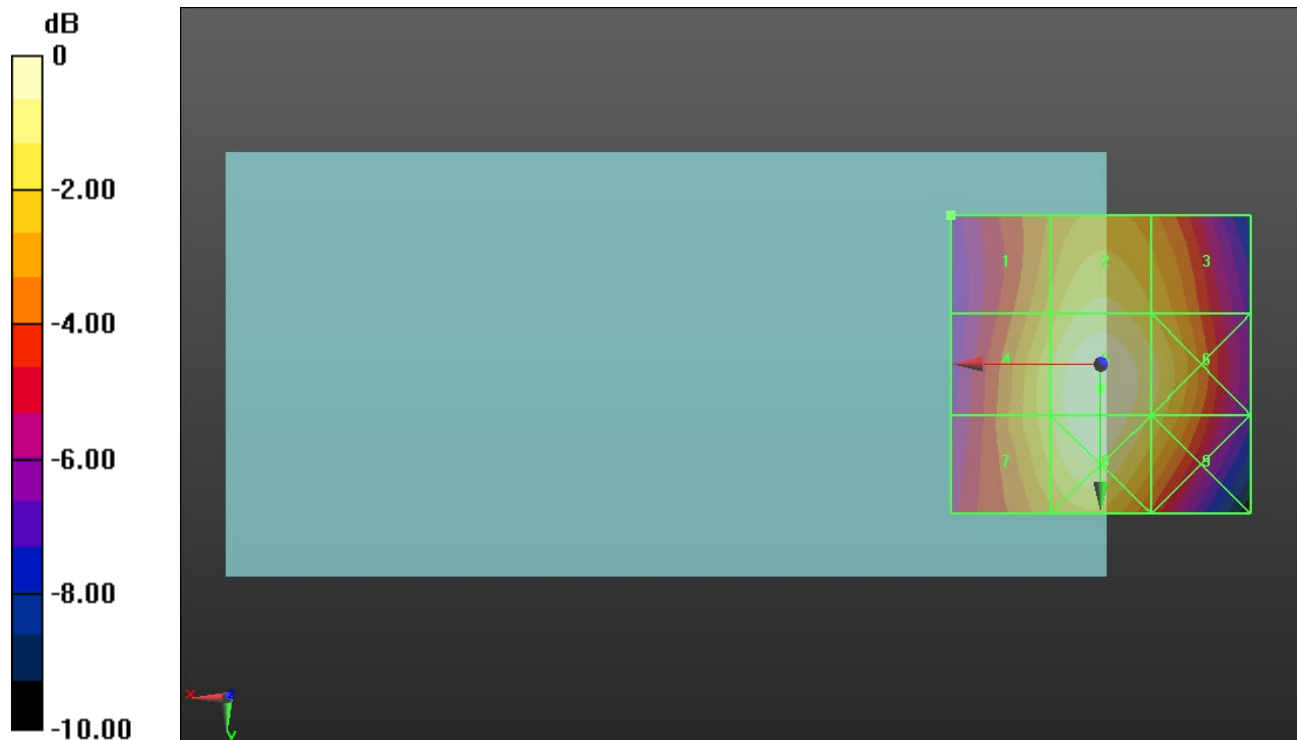
Applied MIF = 3.63 dB

RF audio interference level = 40.68 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.34 dBV/m	Grid 2 M4 39.63 dBV/m	Grid 3 M4 38.79 dBV/m
Grid 4 M4 39.37 dBV/m	Grid 5 M3 40.68 dBV/m	Grid 6 M4 39.62 dBV/m
Grid 7 M4 39.28 dBV/m	Grid 8 M3 40.57 dBV/m	Grid 9 M4 39.25 dBV/m



0 dB = 108.1 V/m = 40.68 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 137.9 V/m; Power Drift = 0.04 dB

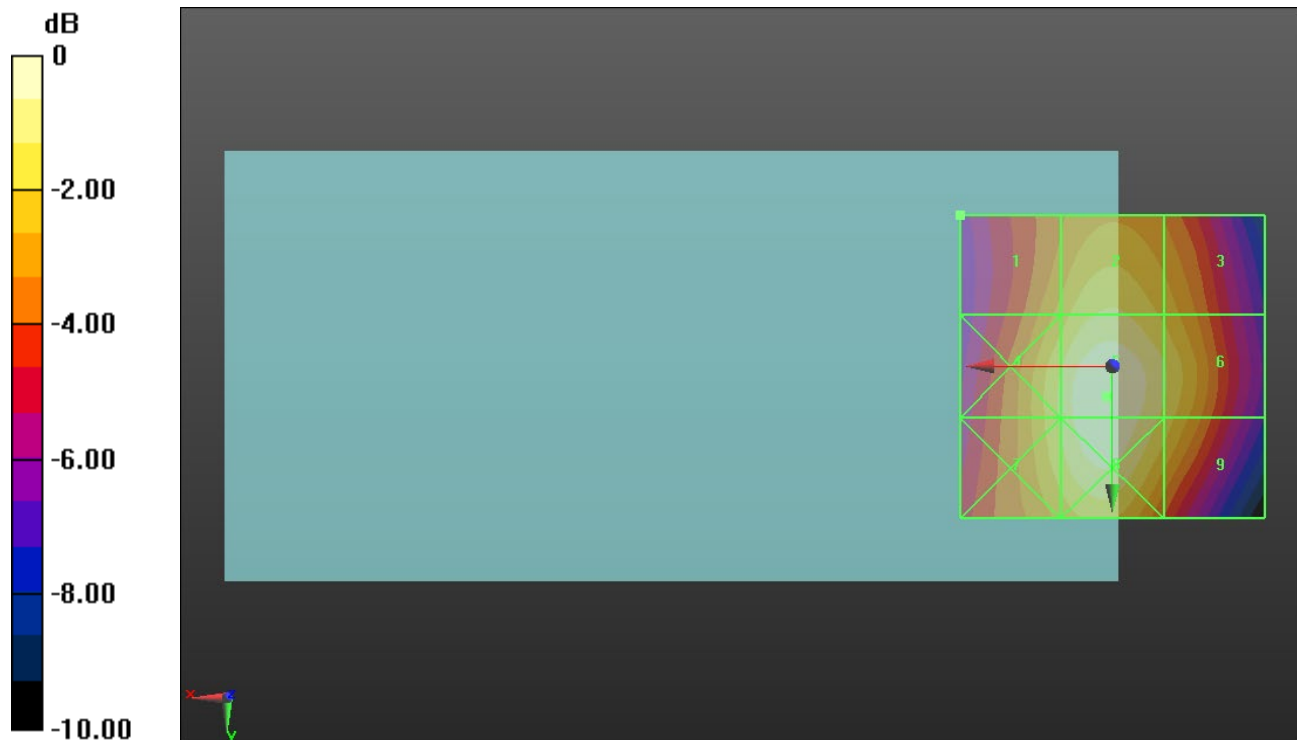
Applied MIF = 3.63 dB

RF audio interference level = 41.10 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.75 dBV/m	Grid 2 M4 39.9 dBV/m	Grid 3 M4 38.96 dBV/m
Grid 4 M4 39.93 dBV/m	Grid 5 M3 41.1 dBV/m	Grid 6 M4 39.87 dBV/m
Grid 7 M4 39.88 dBV/m	Grid 8 M3 41.01 dBV/m	Grid 9 M4 39.55 dBV/m



0 dB = 113.5 V/m = 41.10 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 8.107 V/m; Power Drift = -0.08 dB

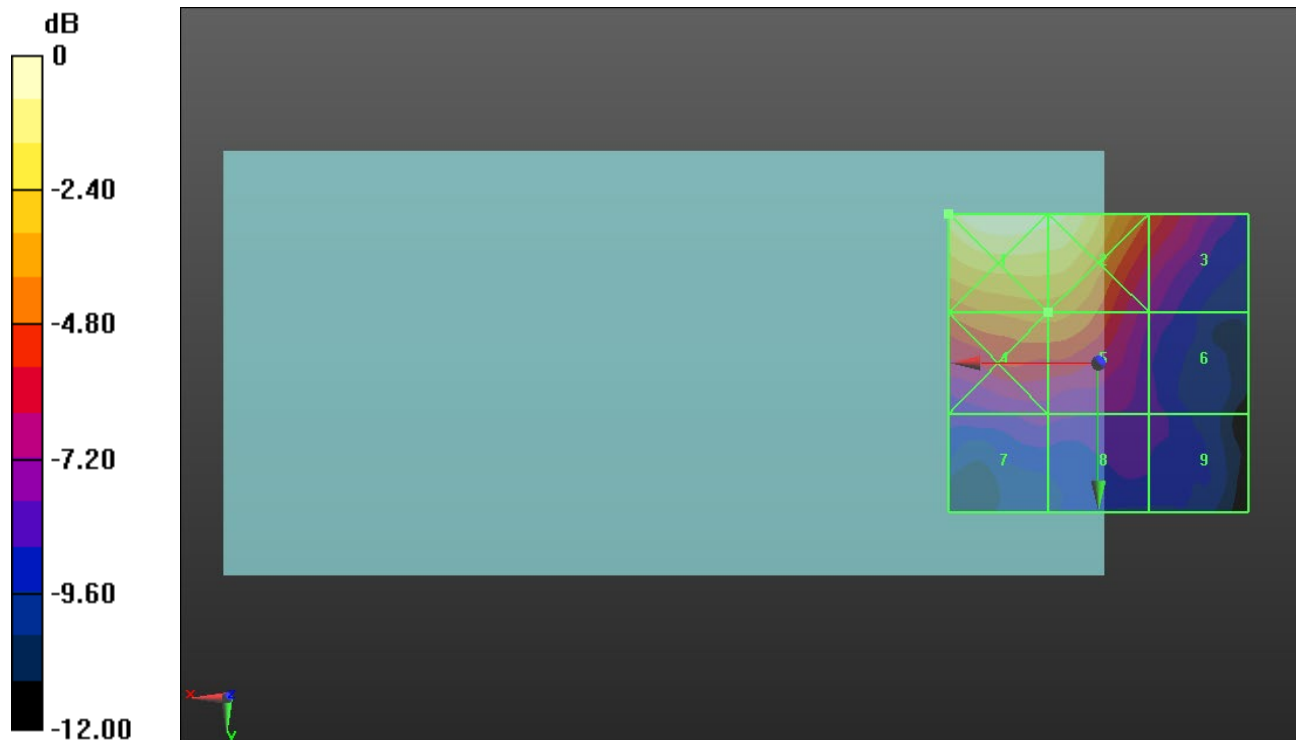
Applied MIF = 3.63 dB

RF audio interference level = 22.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.18 dBV/m	Grid 2 M4 25.78 dBV/m	Grid 3 M4 21.38 dBV/m
Grid 4 M4 22.54 dBV/m	Grid 5 M4 22.53 dBV/m	Grid 6 M4 18.49 dBV/m
Grid 7 M4 18.59 dBV/m	Grid 8 M4 18.55 dBV/m	Grid 9 M4 17.91 dBV/m



0 dB = 20.38 V/m = 26.18 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 7.435 V/m; Power Drift = -0.18 dB

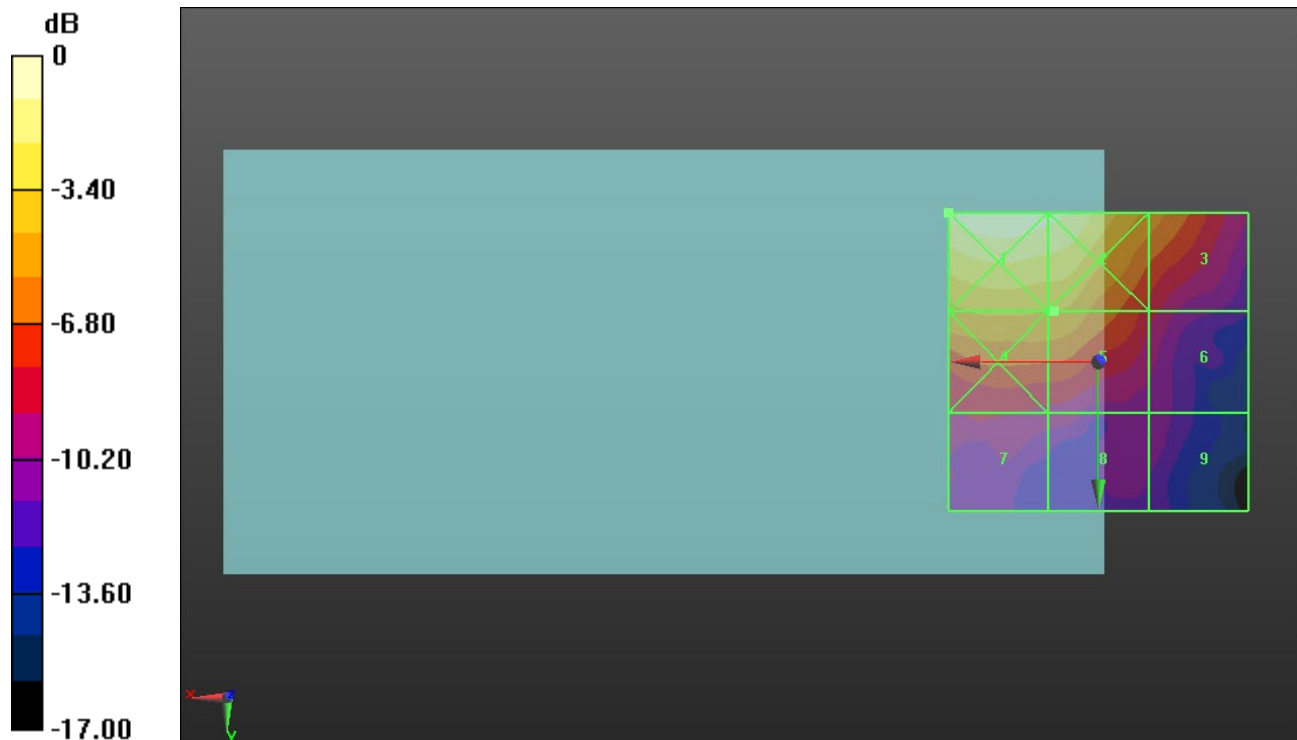
Applied MIF = 3.63 dB

RF audio interference level = 21.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.98 dBV/m	Grid 2 M4 25.34 dBV/m	Grid 3 M4 21.11 dBV/m
Grid 4 M4 21.69 dBV/m	Grid 5 M4 21.47 dBV/m	Grid 6 M4 17.51 dBV/m
Grid 7 M4 17.17 dBV/m	Grid 8 M4 16.64 dBV/m	Grid 9 M4 15.49 dBV/m



0 dB = 19.90 V/m = 25.98 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 7.336 V/m; Power Drift = -0.07 dB

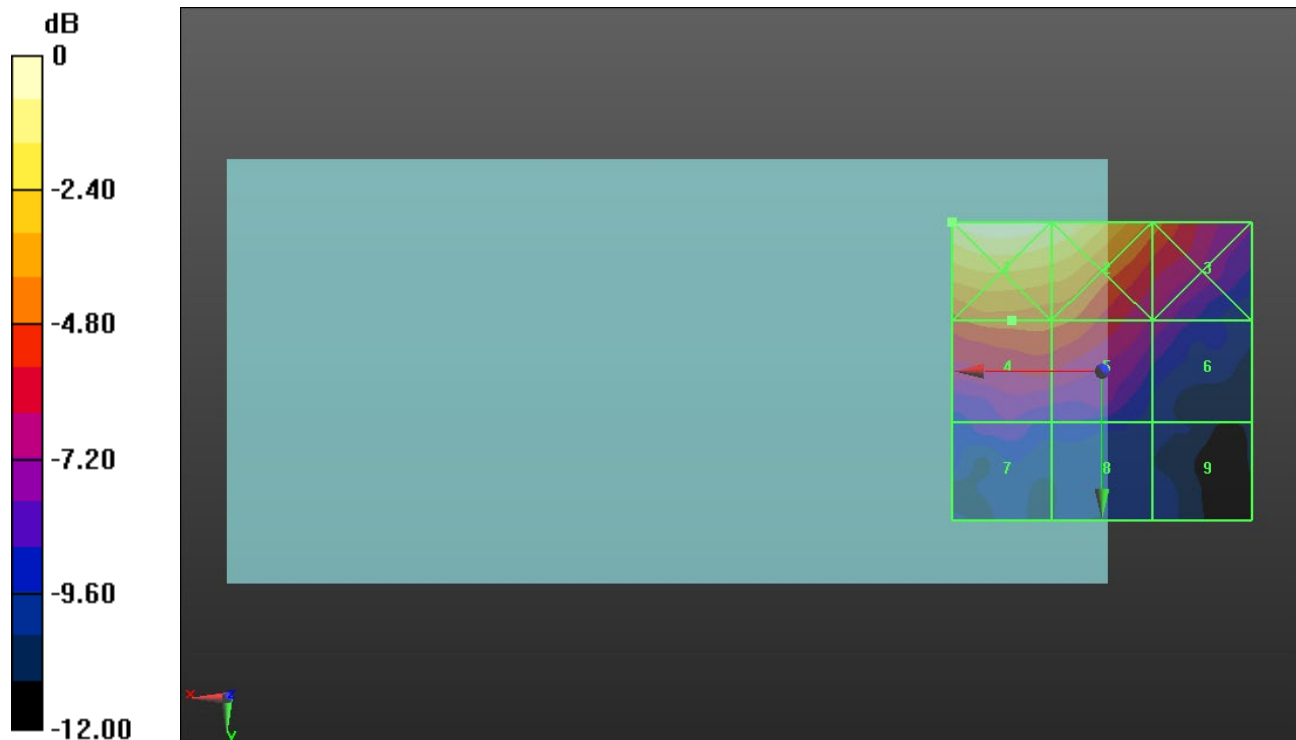
Applied MIF = 3.63 dB

RF audio interference level = 21.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.04 dBV/m	Grid 2 M4 25.48 dBV/m	Grid 3 M4 21.79 dBV/m
Grid 4 M4 21.64 dBV/m	Grid 5 M4 21.49 dBV/m	Grid 6 M4 18.75 dBV/m
Grid 7 M4 18.03 dBV/m	Grid 8 M4 17.26 dBV/m	Grid 9 M4 16.39 dBV/m



0 dB = 20.04 V/m = 26.04 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 34.17 V/m; Power Drift = 0.01 dB

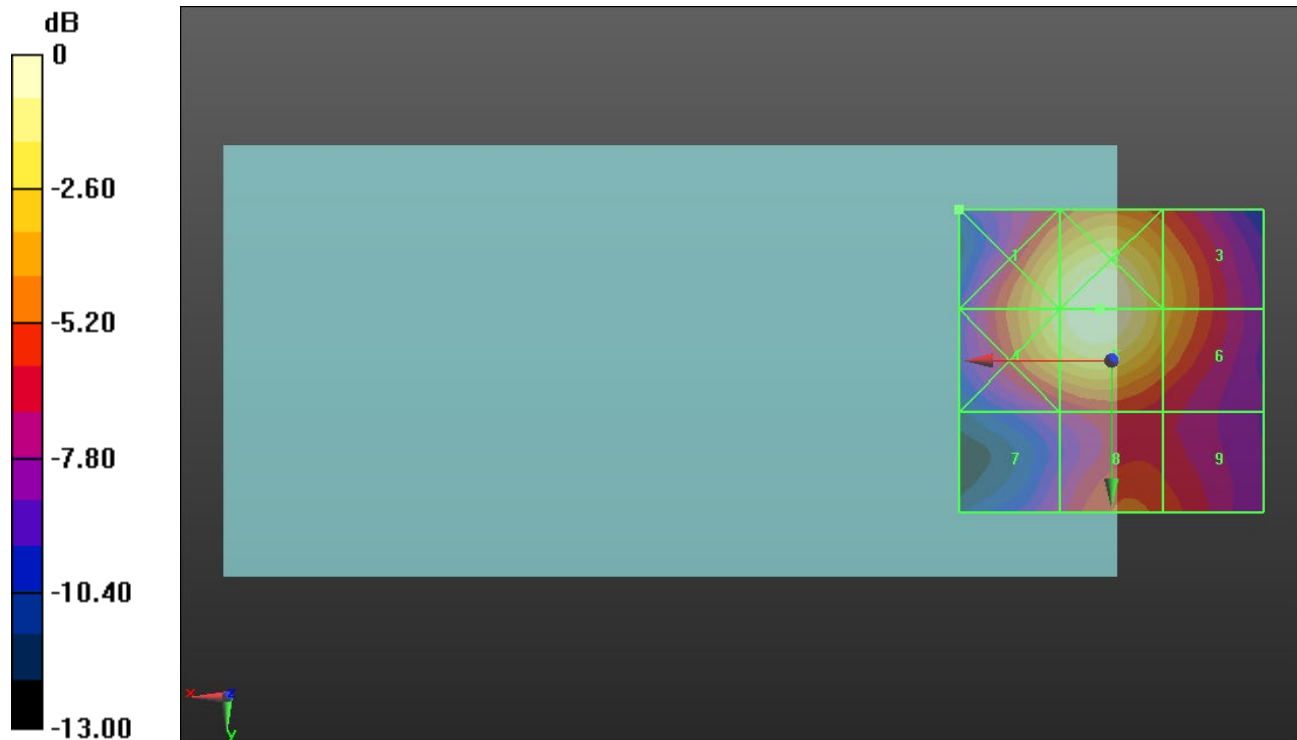
Applied MIF = -1.44 dB

RF audio interference level = 27.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.11 dBV/m	Grid 2 M4 27.34 dBV/m	Grid 3 M4 24.53 dBV/m
Grid 4 M4 26.14 dBV/m	Grid 5 M4 27.34 dBV/m	Grid 6 M4 24.49 dBV/m
Grid 7 M4 20.12 dBV/m	Grid 8 M4 22.34 dBV/m	Grid 9 M4 21.84 dBV/m



0 dB = 23.29 V/m = 27.34 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 26.88 V/m; Power Drift = -0.11 dB

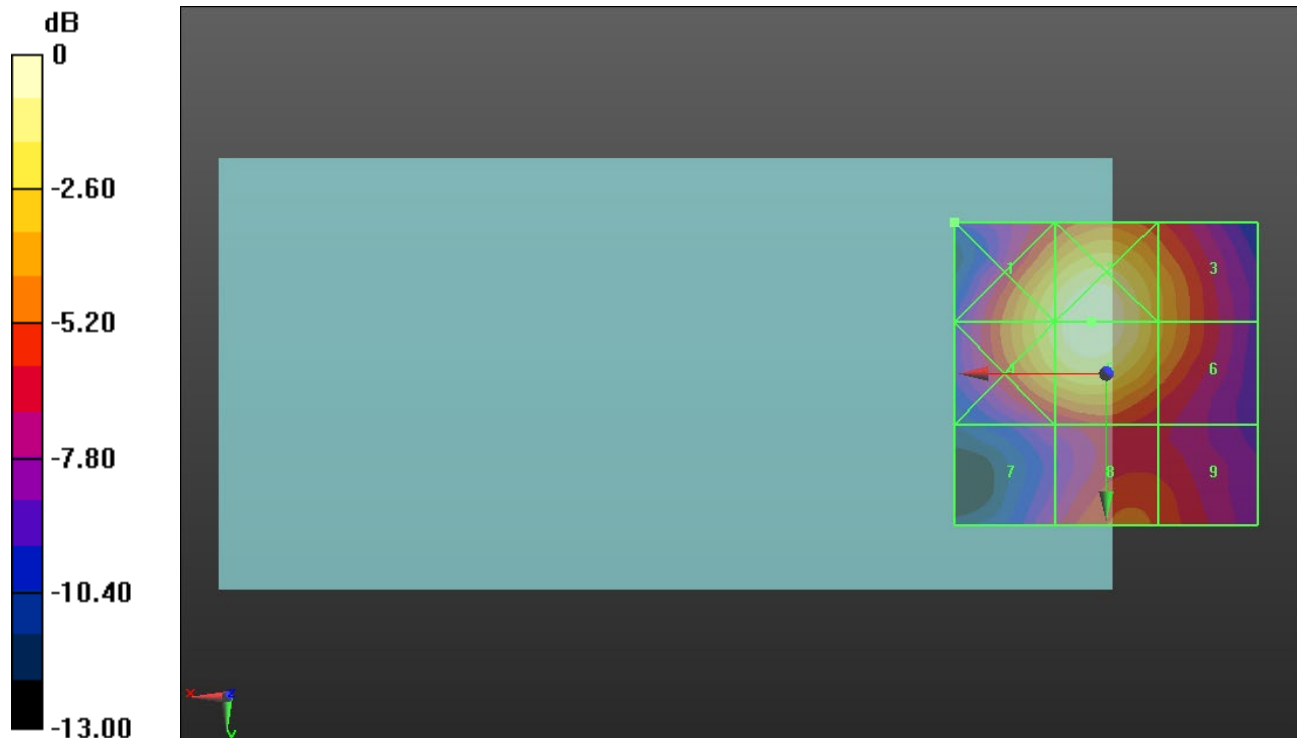
Applied MIF = -1.44 dB

RF audio interference level = 24.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.69 dBV/m	Grid 2 M4 24.98 dBV/m	Grid 3 M4 21.92 dBV/m
Grid 4 M4 23.7 dBV/m	Grid 5 M4 24.98 dBV/m	Grid 6 M4 21.92 dBV/m
Grid 7 M4 17.77 dBV/m	Grid 8 M4 20.1 dBV/m	Grid 9 M4 19.59 dBV/m



0 dB = 17.74 V/m = 24.98 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 27.78 V/m; Power Drift = -0.07 dB

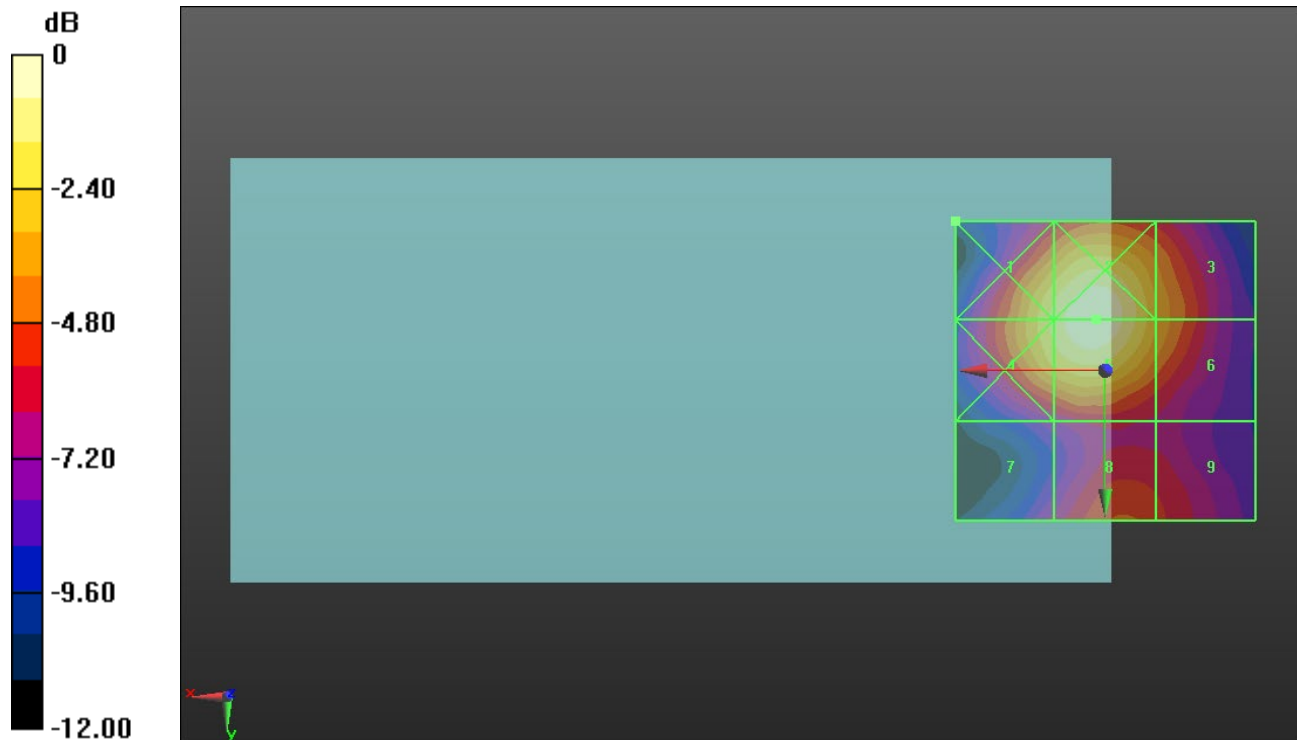
Applied MIF = -1.44 dB

RF audio interference level = 25.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.19 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 22.42 dBV/m
Grid 4 M4 24.19 dBV/m	Grid 5 M4 25.48 dBV/m	Grid 6 M4 22.42 dBV/m
Grid 7 M4 18.73 dBV/m	Grid 8 M4 20.83 dBV/m	Grid 9 M4 20.21 dBV/m



0 dB = 18.83 V/m = 25.50 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 28.46 V/m; Power Drift = 0.05 dB

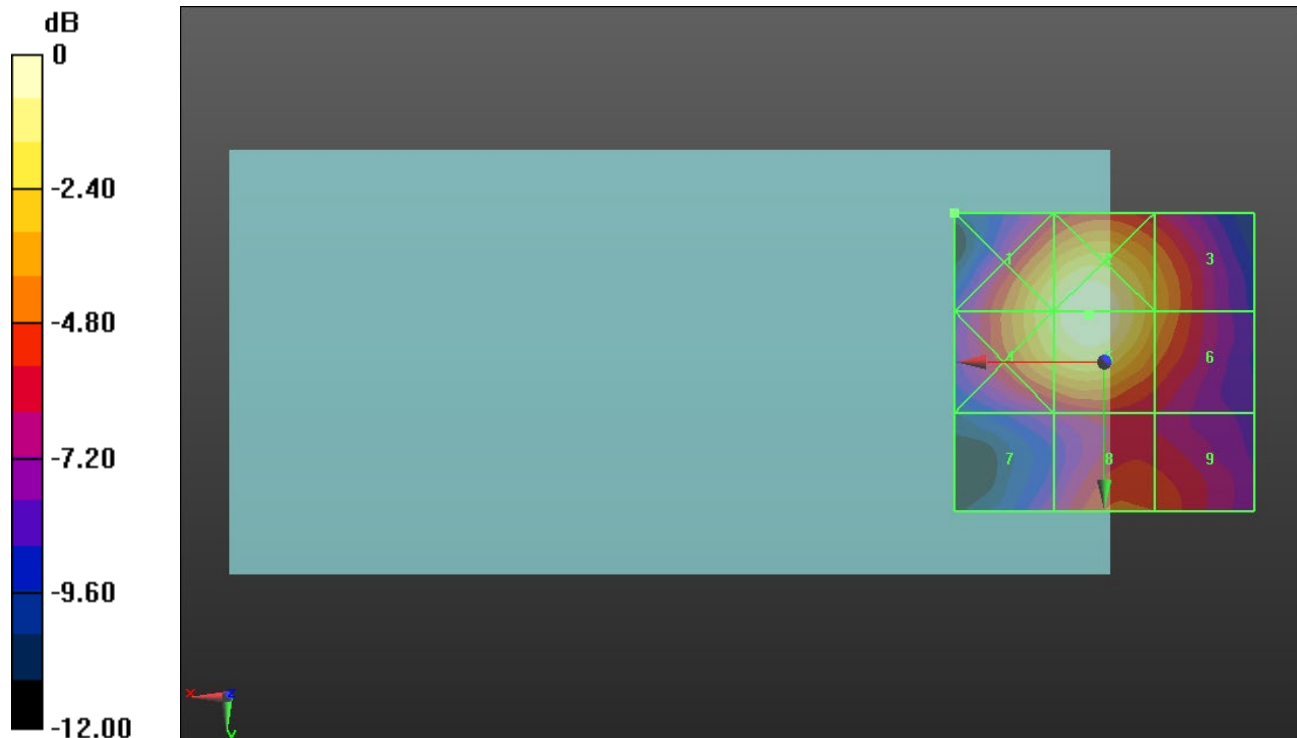
Applied MIF = -1.44 dB

RF audio interference level = 25.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.33 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 22.45 dBV/m
Grid 4 M4 24.33 dBV/m	Grid 5 M4 25.51 dBV/m	Grid 6 M4 22.4 dBV/m
Grid 7 M4 18.6 dBV/m	Grid 8 M4 20.9 dBV/m	Grid 9 M4 20.73 dBV/m



0 dB = 18.85 V/m = 25.51 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 27.62 V/m; Power Drift = 0.02 dB

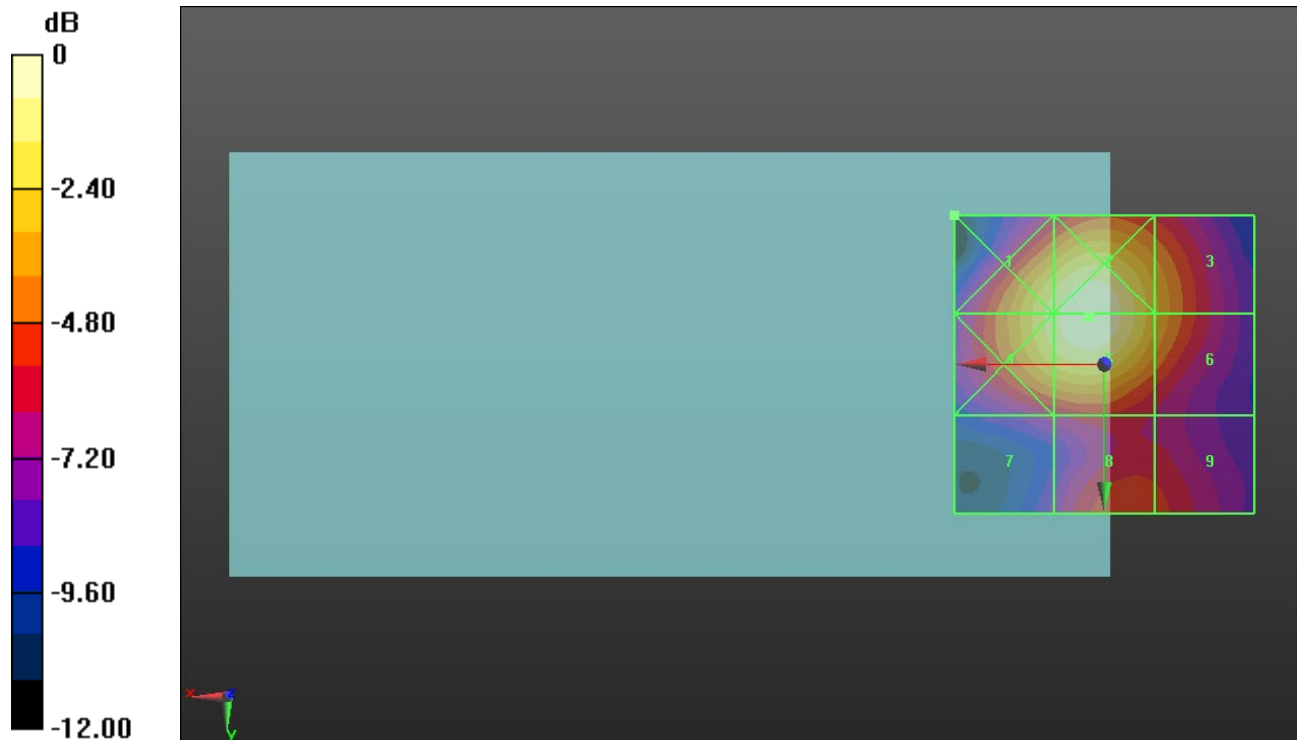
Applied MIF = -1.44 dB

RF audio interference level = 25.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.08 dBV/m	Grid 2 M4 25.17 dBV/m	Grid 3 M4 22.17 dBV/m
Grid 4 M4 24.1 dBV/m	Grid 5 M4 25.18 dBV/m	Grid 6 M4 22.16 dBV/m
Grid 7 M4 18.64 dBV/m	Grid 8 M4 20.27 dBV/m	Grid 9 M4 19.98 dBV/m



0 dB = 18.16 V/m = 25.18 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 49.36 V/m; Power Drift = -0.05 dB

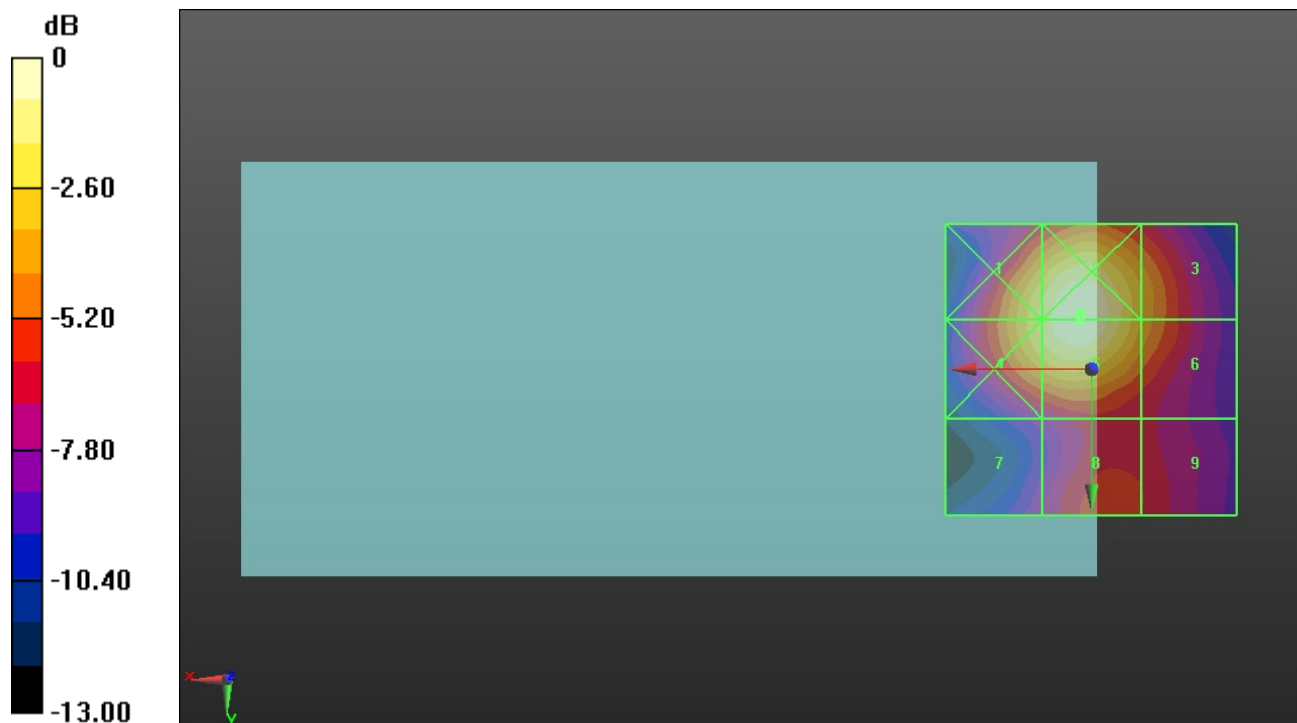
Applied MIF = -1.44 dB

RF audio interference level = 31.17 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.76 dBV/m	Grid 2 M3 31.19 dBV/m	Grid 3 M4 27.85 dBV/m
Grid 4 M4 29.76 dBV/m	Grid 5 M3 31.17 dBV/m	Grid 6 M4 27.76 dBV/m
Grid 7 M4 23.45 dBV/m	Grid 8 M4 25.71 dBV/m	Grid 9 M4 25.21 dBV/m



0 dB = 36.28 V/m = 31.19 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 39.26 V/m; Power Drift = -0.09 dB

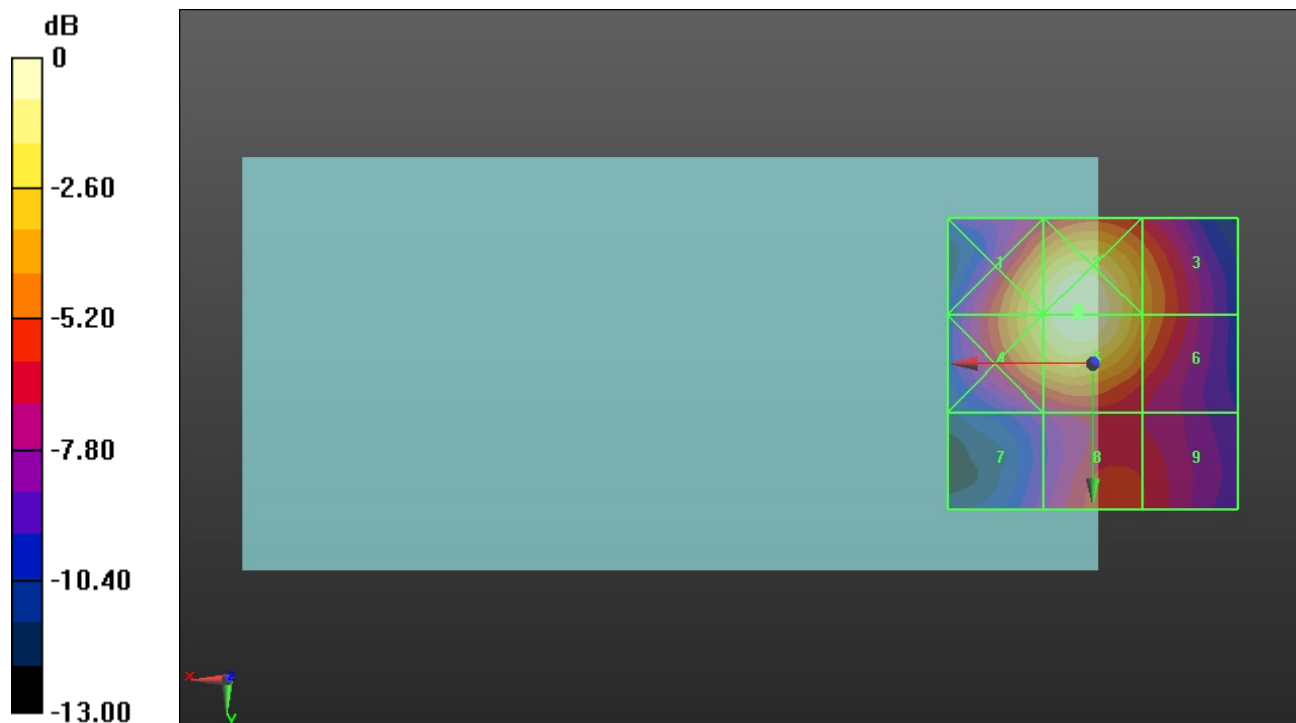
Applied MIF = -1.44 dB

RF audio interference level = 28.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.69 dBV/m	Grid 2 M4 28.98 dBV/m	Grid 3 M4 25.48 dBV/m
Grid 4 M4 27.69 dBV/m	Grid 5 M4 28.96 dBV/m	Grid 6 M4 25.44 dBV/m
Grid 7 M4 21.21 dBV/m	Grid 8 M4 23.46 dBV/m	Grid 9 M4 23.01 dBV/m



0 dB = 28.13 V/m = 28.98 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 39.92 V/m; Power Drift = 0.14 dB

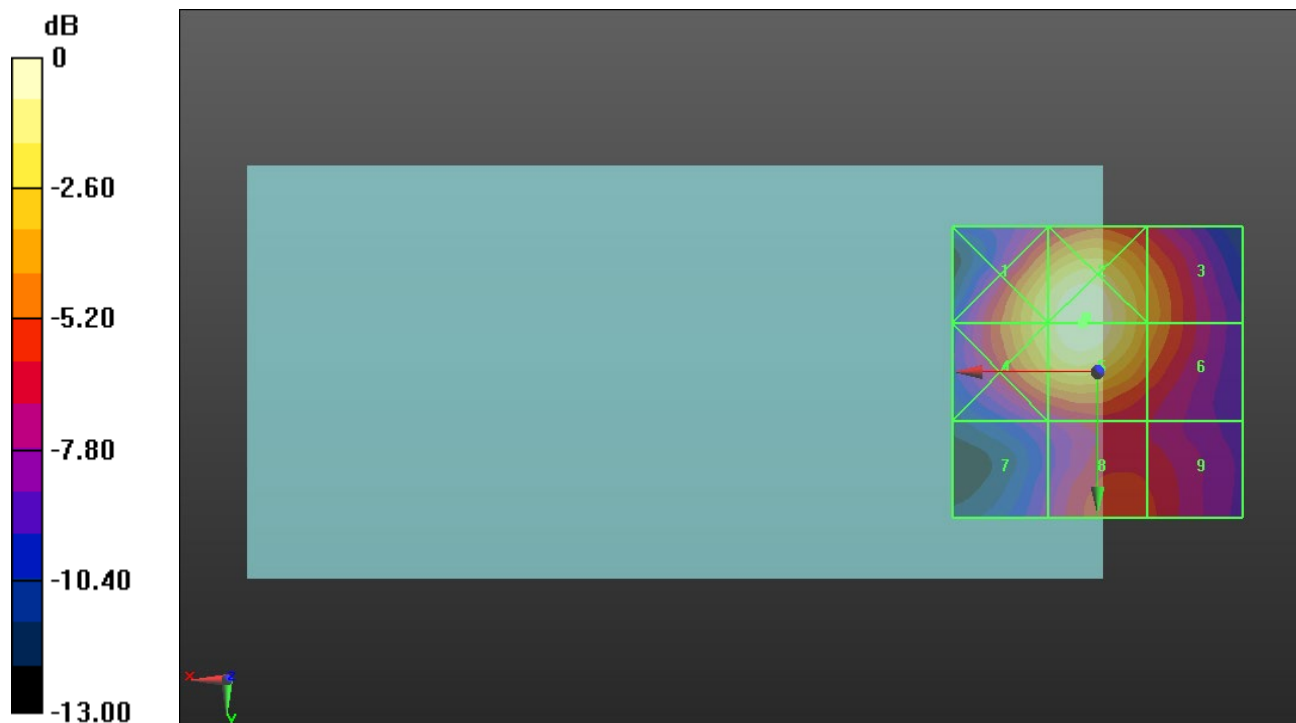
Applied MIF = -1.44 dB

RF audio interference level = 29.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.88 dBV/m	Grid 2 M4 29.22 dBV/m	Grid 3 M4 25.85 dBV/m
Grid 4 M4 27.88 dBV/m	Grid 5 M4 29.21 dBV/m	Grid 6 M4 25.78 dBV/m
Grid 7 M4 21.41 dBV/m	Grid 8 M4 23.79 dBV/m	Grid 9 M4 23.42 dBV/m



0 dB = 28.91 V/m = 29.22 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 41.27 V/m; Power Drift = -0.06 dB

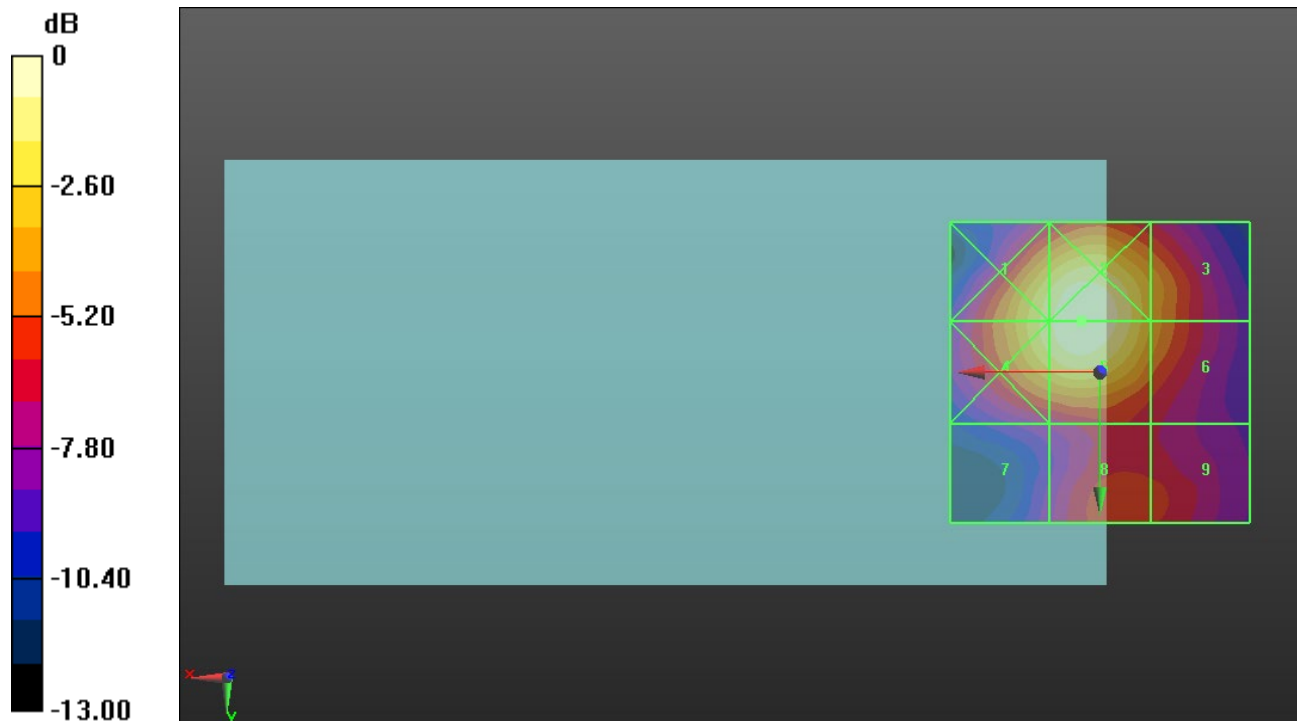
Applied MIF = -1.44 dB

RF audio interference level = 29.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.19 dBV/m	Grid 2 M4 29.31 dBV/m	Grid 3 M4 25.95 dBV/m
Grid 4 M4 28.2 dBV/m	Grid 5 M4 29.31 dBV/m	Grid 6 M4 25.8 dBV/m
Grid 7 M4 21.83 dBV/m	Grid 8 M4 23.98 dBV/m	Grid 9 M4 23.65 dBV/m



0 dB = 29.22 V/m = 29.31 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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)

4LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 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 = 41.77 V/m; Power Drift = 0.03 dB

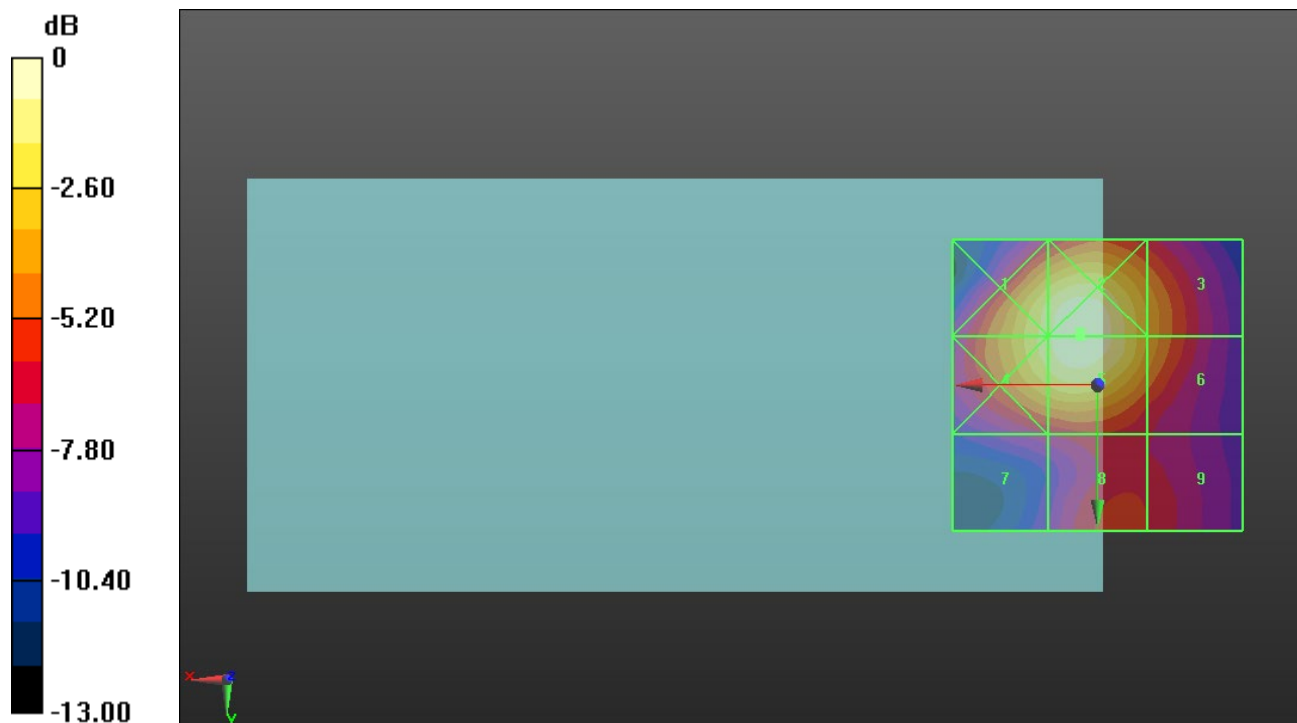
Applied MIF = -1.44 dB

RF audio interference level = 29.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.48 dBV/m	Grid 2 M4 29.58 dBV/m	Grid 3 M4 26.11 dBV/m
Grid 4 M4 28.49 dBV/m	Grid 5 M4 29.58 dBV/m	Grid 6 M4 26.11 dBV/m
Grid 7 M4 22.58 dBV/m	Grid 8 M4 23.83 dBV/m	Grid 9 M4 23.57 dBV/m



0 dB = 30.12 V/m = 29.58 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 1/49 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 = 52.64 V/m; Power Drift = 0.07 dB

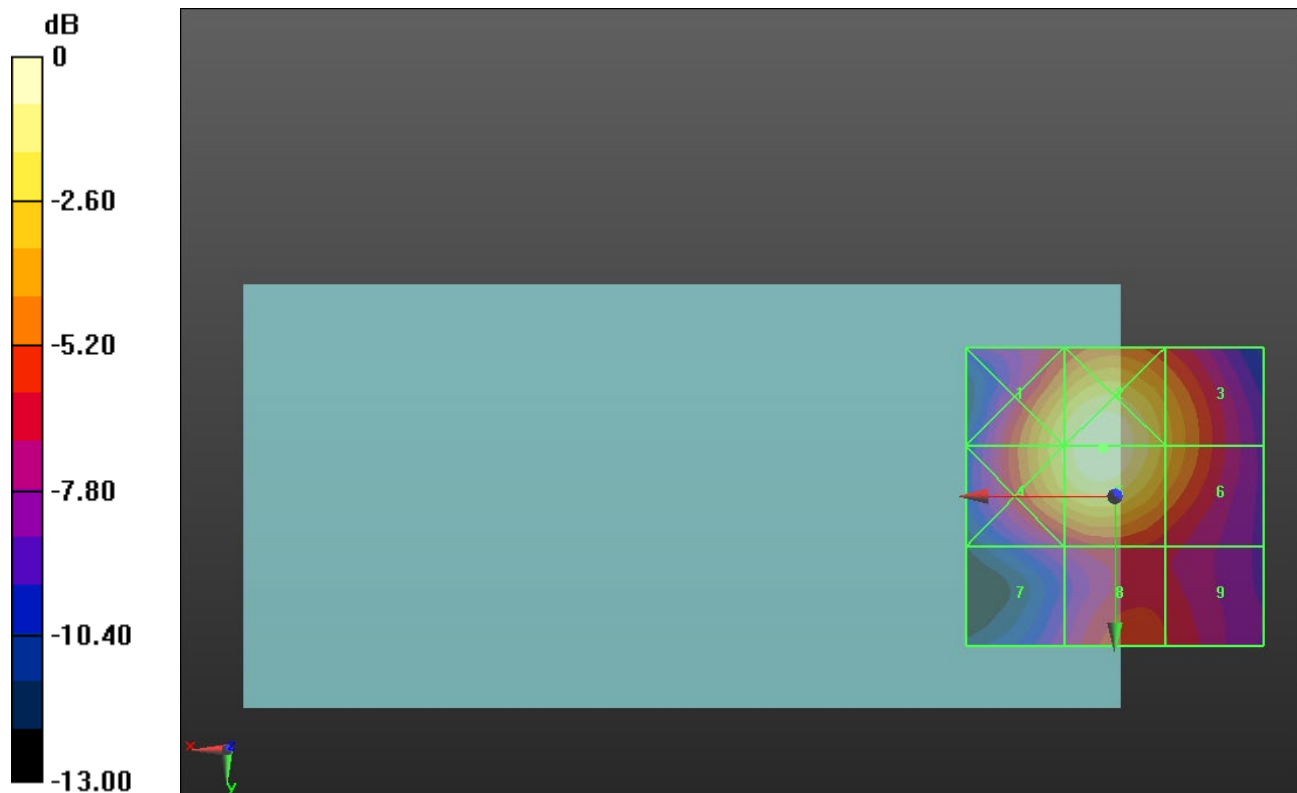
Applied MIF = -1.44 dB

RF audio interference level = 30.80 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.34 dBV/m	Grid 2 M3 30.8 dBV/m	Grid 3 M4 27.82 dBV/m
Grid 4 M4 29.35 dBV/m	Grid 5 M3 30.8 dBV/m	Grid 6 M4 27.82 dBV/m
Grid 7 M4 23.51 dBV/m	Grid 8 M4 25.36 dBV/m	Grid 9 M4 24.85 dBV/m



0 dB = 34.67 V/m = 30.80 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 15.08 V/m; Power Drift = -0.00 dB

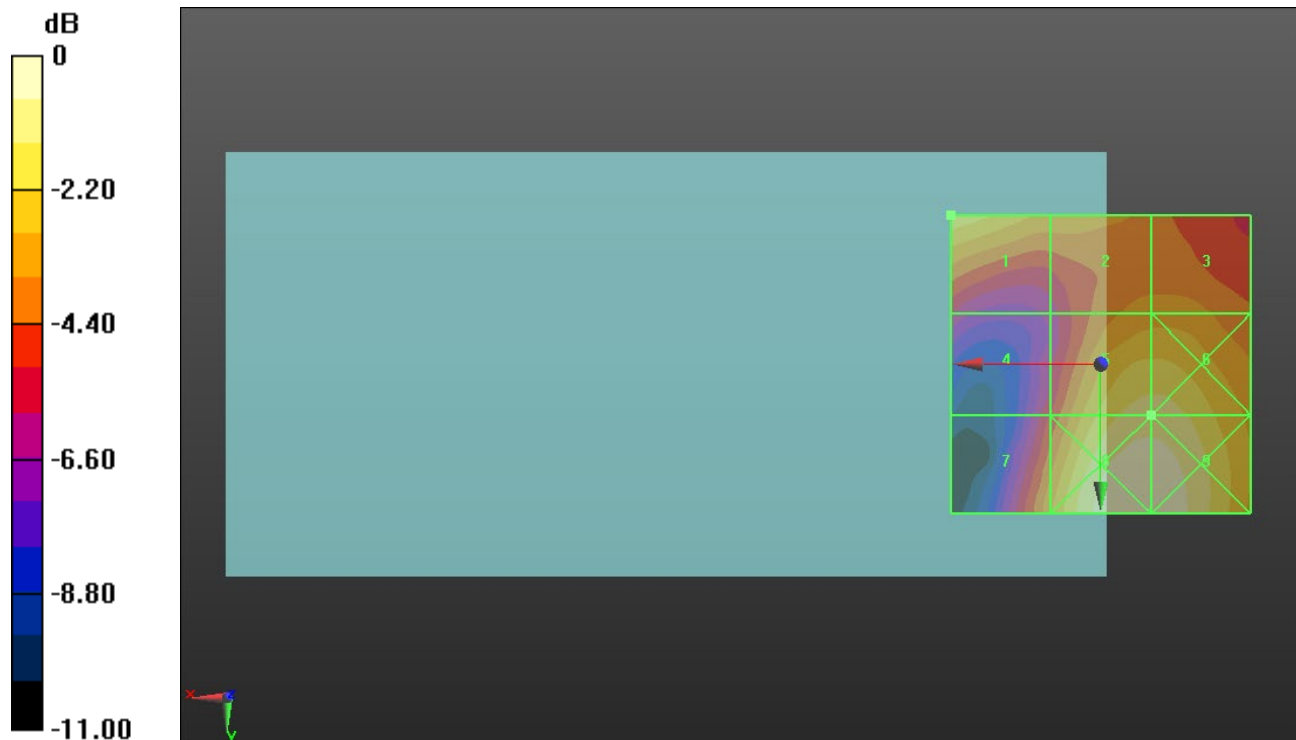
Applied MIF = 3.63 dB

RF audio interference level = 26.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.35 dBV/m	Grid 2 M4 24.97 dBV/m	Grid 3 M4 24.65 dBV/m
Grid 4 M4 22.86 dBV/m	Grid 5 M4 26.85 dBV/m	Grid 6 M4 26.85 dBV/m
Grid 7 M4 24.91 dBV/m	Grid 8 M4 27.94 dBV/m	Grid 9 M4 27.81 dBV/m



0 dB = 24.94 V/m = 27.94 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 14.43 V/m; Power Drift = -0.07 dB

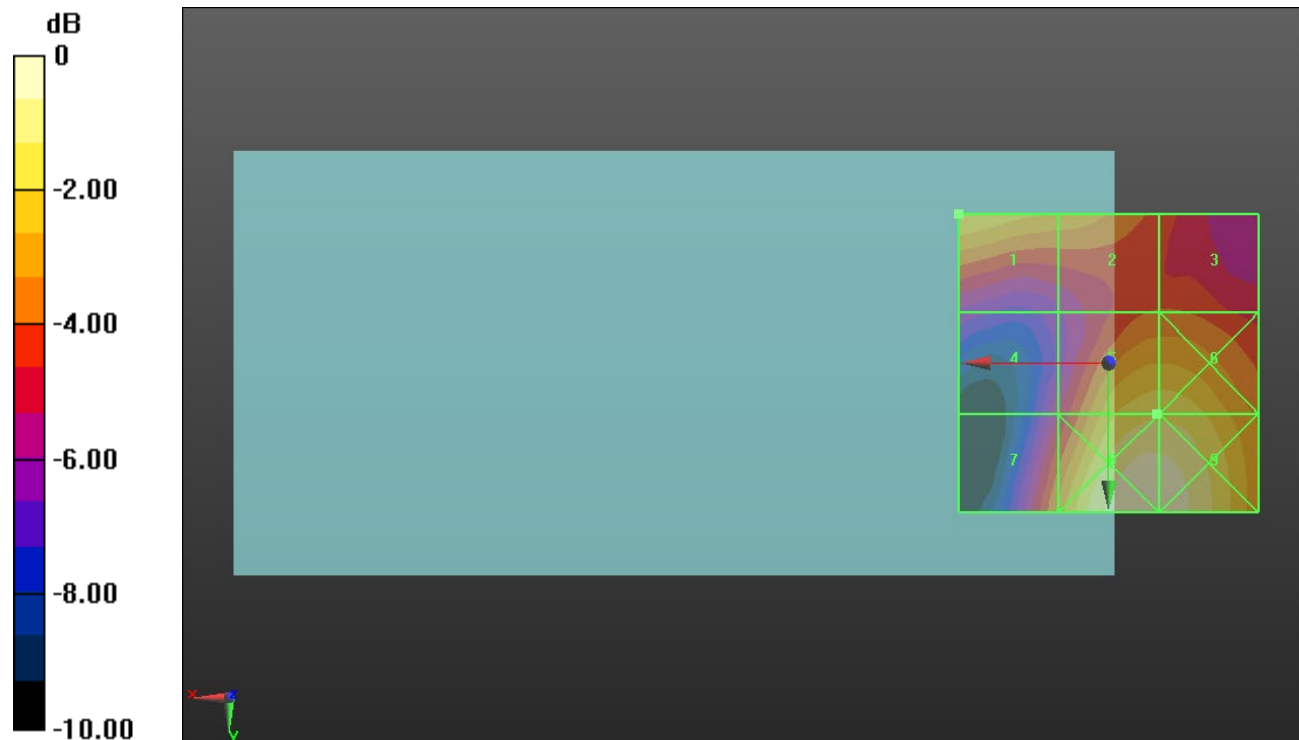
Applied MIF = 3.63 dB

RF audio interference level = 26.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.33 dBV/m	Grid 2 M4 25.51 dBV/m	Grid 3 M4 24.3 dBV/m
Grid 4 M4 22.84 dBV/m	Grid 5 M4 26.74 dBV/m	Grid 6 M4 26.74 dBV/m
Grid 7 M4 25.08 dBV/m	Grid 8 M4 28.2 dBV/m	Grid 9 M4 28.09 dBV/m



0 dB = 25.72 V/m = 28.21 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 12.17 V/m; Power Drift = -0.00 dB

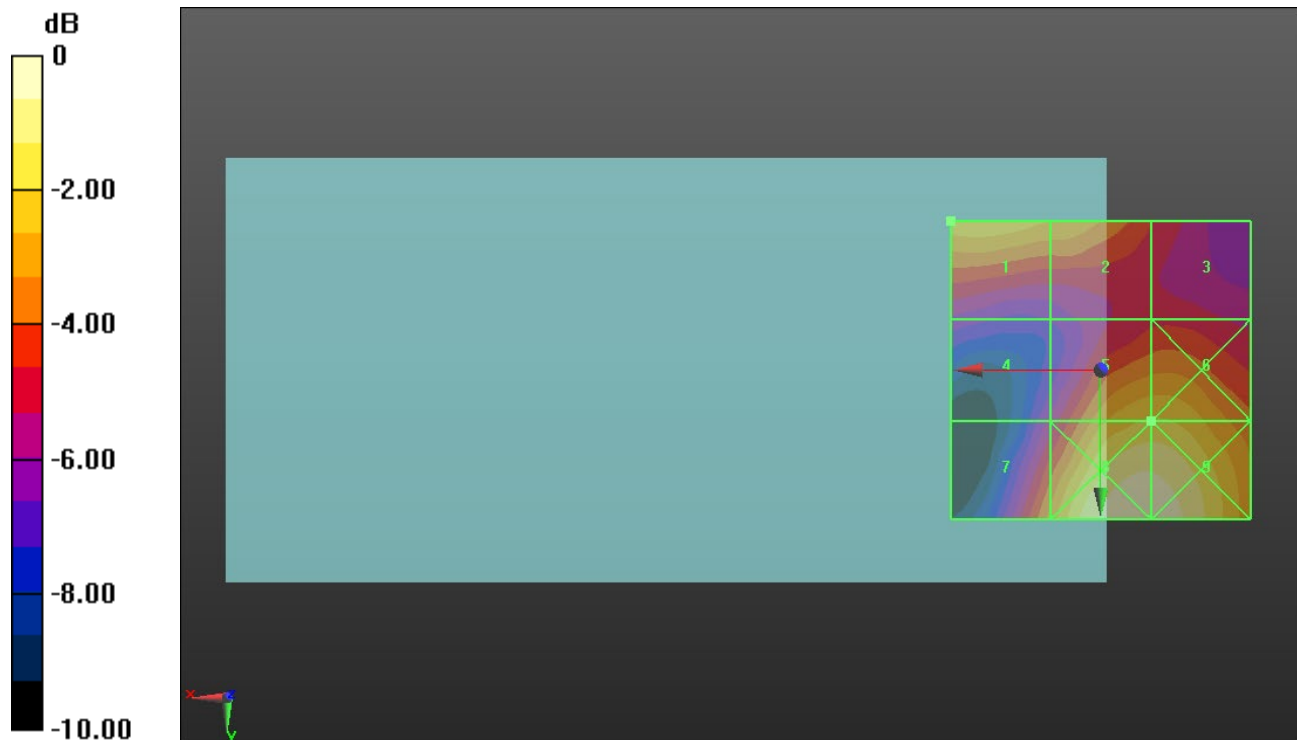
Applied MIF = 3.63 dB

RF audio interference level = 25.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.68 dBV/m	Grid 2 M4 25.11 dBV/m	Grid 3 M4 23.13 dBV/m
Grid 4 M4 21.98 dBV/m	Grid 5 M4 25.82 dBV/m	Grid 6 M4 25.82 dBV/m
Grid 7 M4 24.69 dBV/m	Grid 8 M4 27.73 dBV/m	Grid 9 M4 27.62 dBV/m



0 dB = 24.35 V/m = 27.73 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 19.17 V/m; Power Drift = -0.04 dB

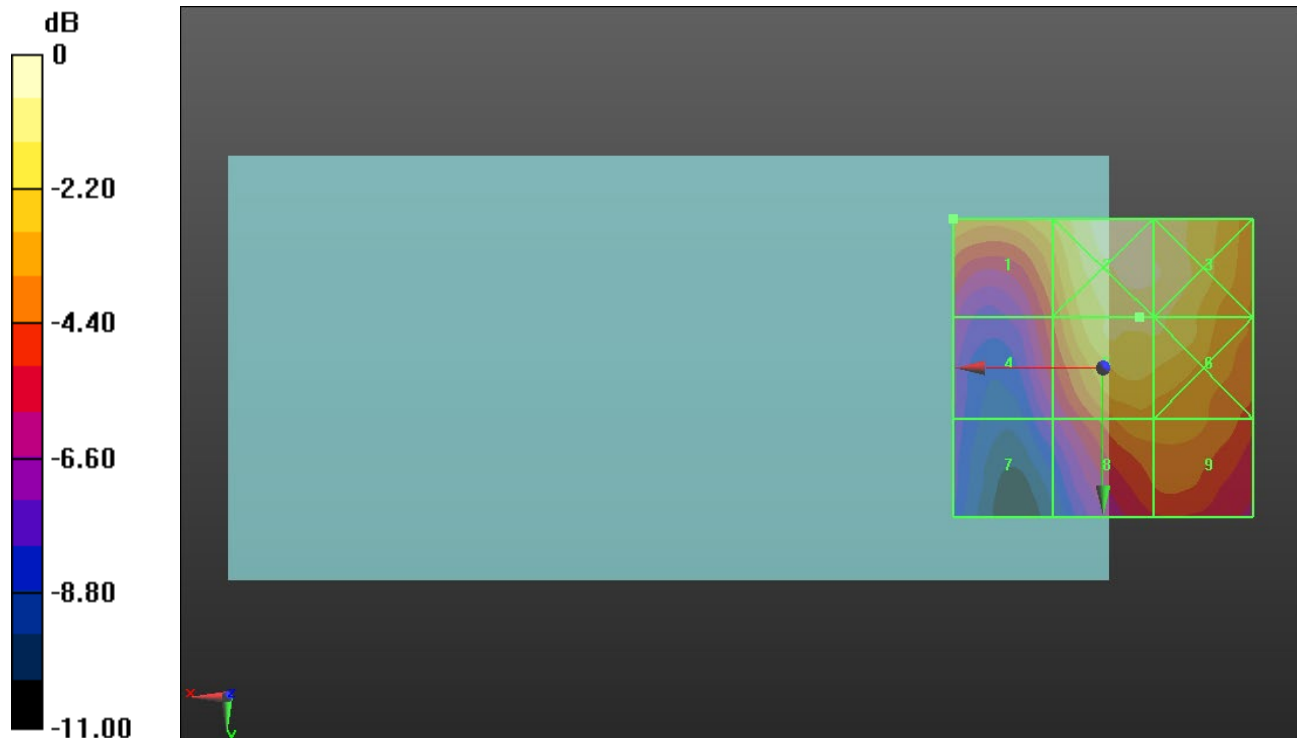
Applied MIF = -1.44 dB

RF audio interference level = 23.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.7 dBV/m	Grid 2 M4 24.69 dBV/m	Grid 3 M4 24.04 dBV/m
Grid 4 M4 20.25 dBV/m	Grid 5 M4 23.44 dBV/m	Grid 6 M4 23.39 dBV/m
Grid 7 M4 17.83 dBV/m	Grid 8 M4 21.61 dBV/m	Grid 9 M4 21.55 dBV/m



0 dB = 17.17 V/m = 24.70 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 16.27 V/m; Power Drift = -0.15 dB

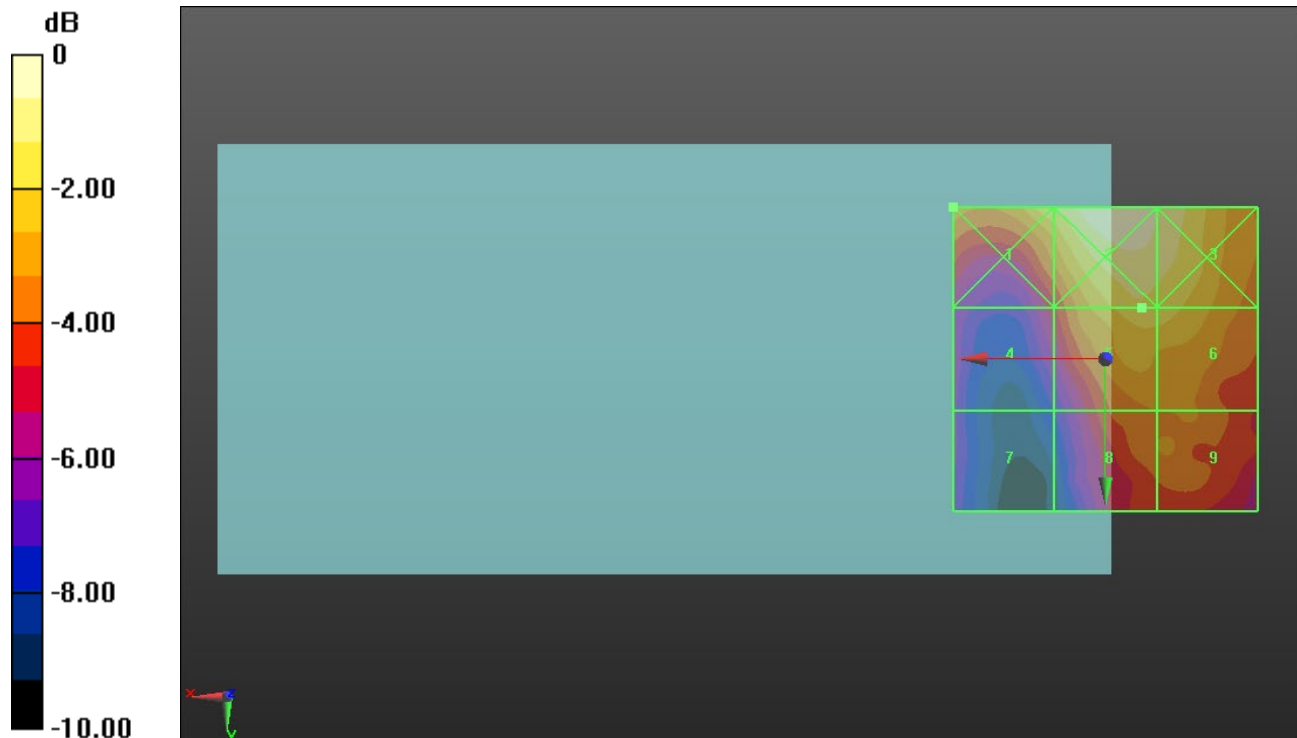
Applied MIF = -1.44 dB

RF audio interference level = 22.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.91 dBV/m	Grid 2 M4 24.15 dBV/m	Grid 3 M4 23.54 dBV/m
Grid 4 M4 19.35 dBV/m	Grid 5 M4 22.63 dBV/m	Grid 6 M4 22.48 dBV/m
Grid 7 M4 17.81 dBV/m	Grid 8 M4 20.83 dBV/m	Grid 9 M4 20.94 dBV/m



0 dB = 16.12 V/m = 24.15 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 17.06 V/m; Power Drift = -0.14 dB

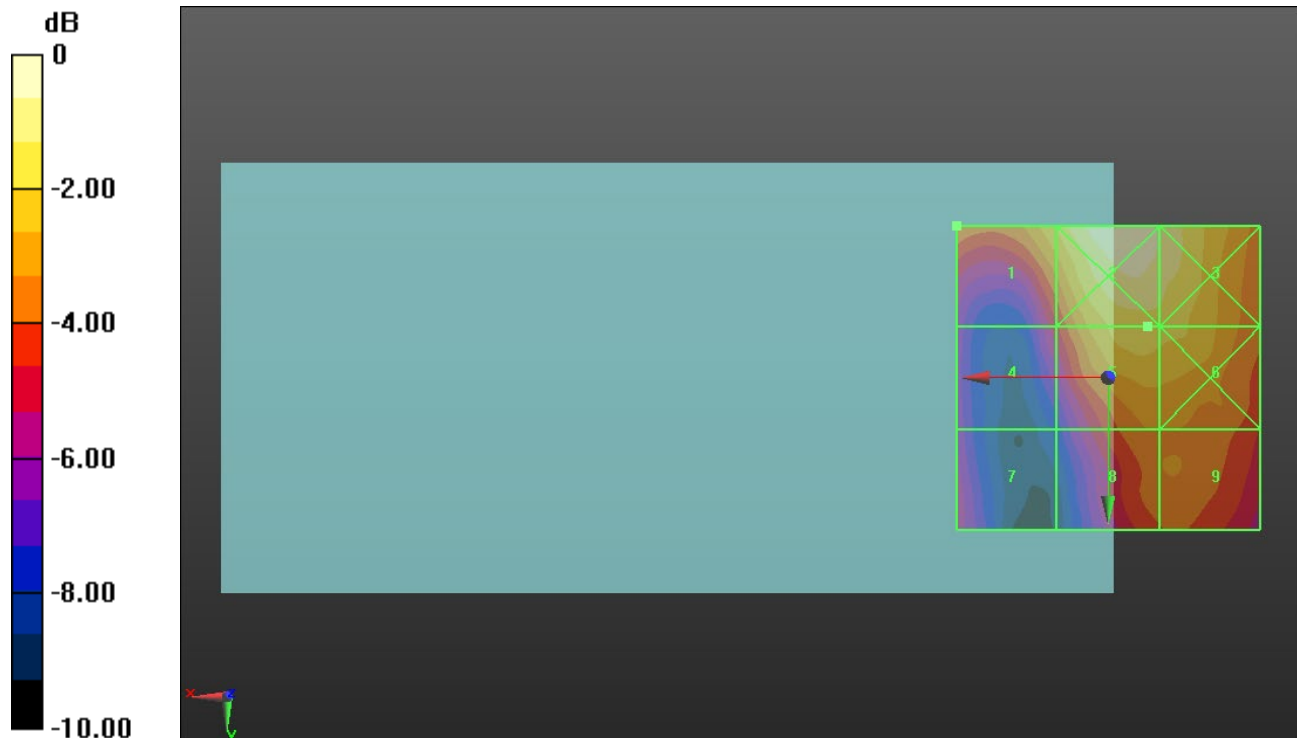
Applied MIF = -1.44 dB

RF audio interference level = 22.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.07 dBV/m	Grid 2 M4 24 dBV/m	Grid 3 M4 23.32 dBV/m
Grid 4 M4 19.23 dBV/m	Grid 5 M4 22.43 dBV/m	Grid 6 M4 22.4 dBV/m
Grid 7 M4 18.66 dBV/m	Grid 8 M4 20.69 dBV/m	Grid 9 M4 20.78 dBV/m



0 dB = 15.85 V/m = 24.00 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 17.36 V/m; Power Drift = 0.08 dB

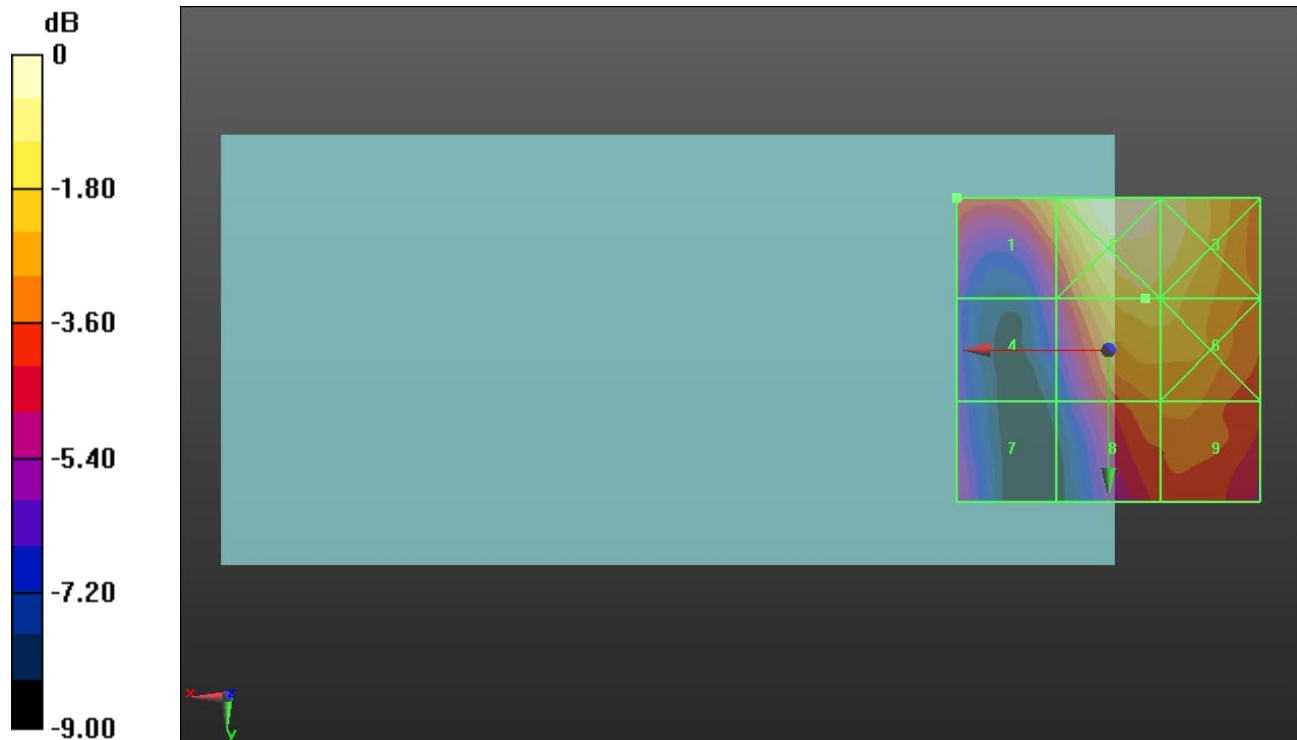
Applied MIF = -1.44 dB

RF audio interference level = 22.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.36 dBV/m	Grid 2 M4 24.29 dBV/m	Grid 3 M4 23.68 dBV/m
Grid 4 M4 19.13 dBV/m	Grid 5 M4 22.93 dBV/m	Grid 6 M4 22.82 dBV/m
Grid 7 M4 19.19 dBV/m	Grid 8 M4 21.4 dBV/m	Grid 9 M4 21.49 dBV/m



0 dB = 16.39 V/m = 24.29 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 20 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.02 V/m; Power Drift = 0.08 dB

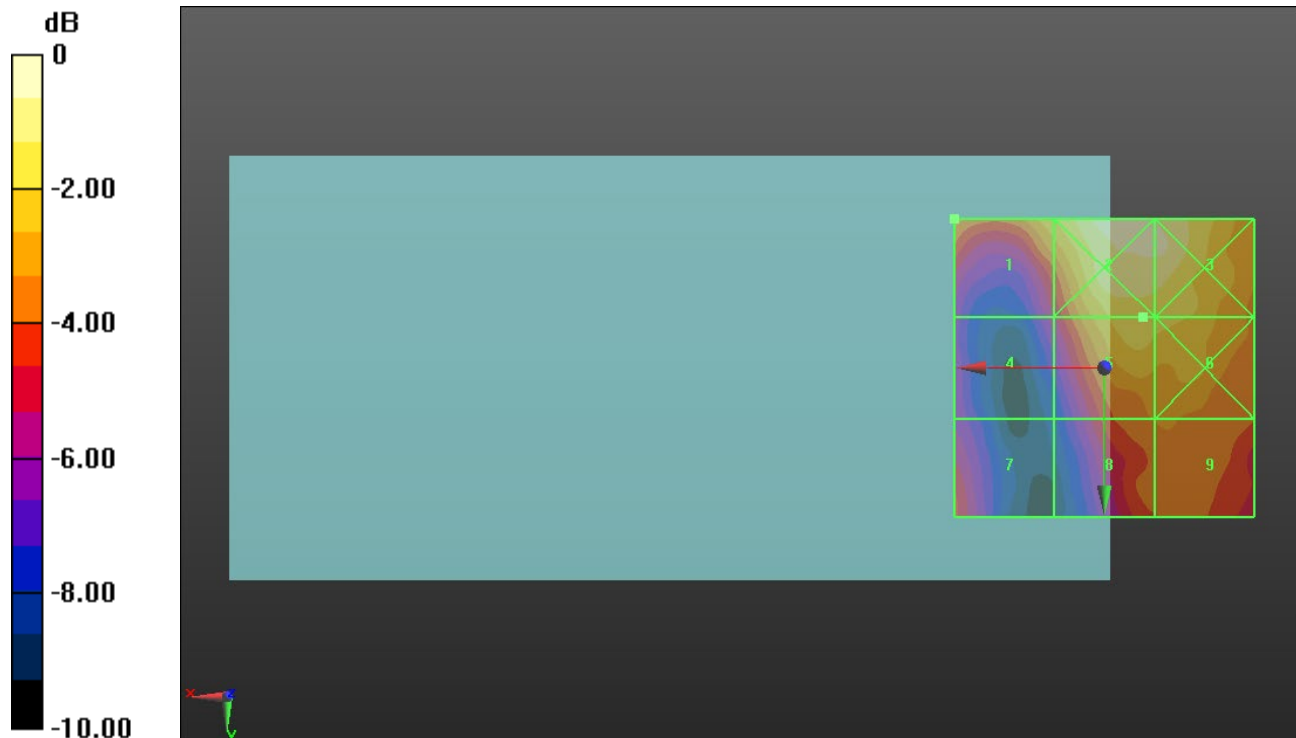
Applied MIF = -1.44 dB

RF audio interference level = 23.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.83 dBV/m	Grid 2 M4 24.82 dBV/m	Grid 3 M4 24.33 dBV/m
Grid 4 M4 19.37 dBV/m	Grid 5 M4 23.21 dBV/m	Grid 6 M4 23.13 dBV/m
Grid 7 M4 20.4 dBV/m	Grid 8 M4 21.54 dBV/m	Grid 9 M4 21.61 dBV/m



0 dB = 17.41 V/m = 24.82 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 25.27 V/m; Power Drift = 0.05 dB

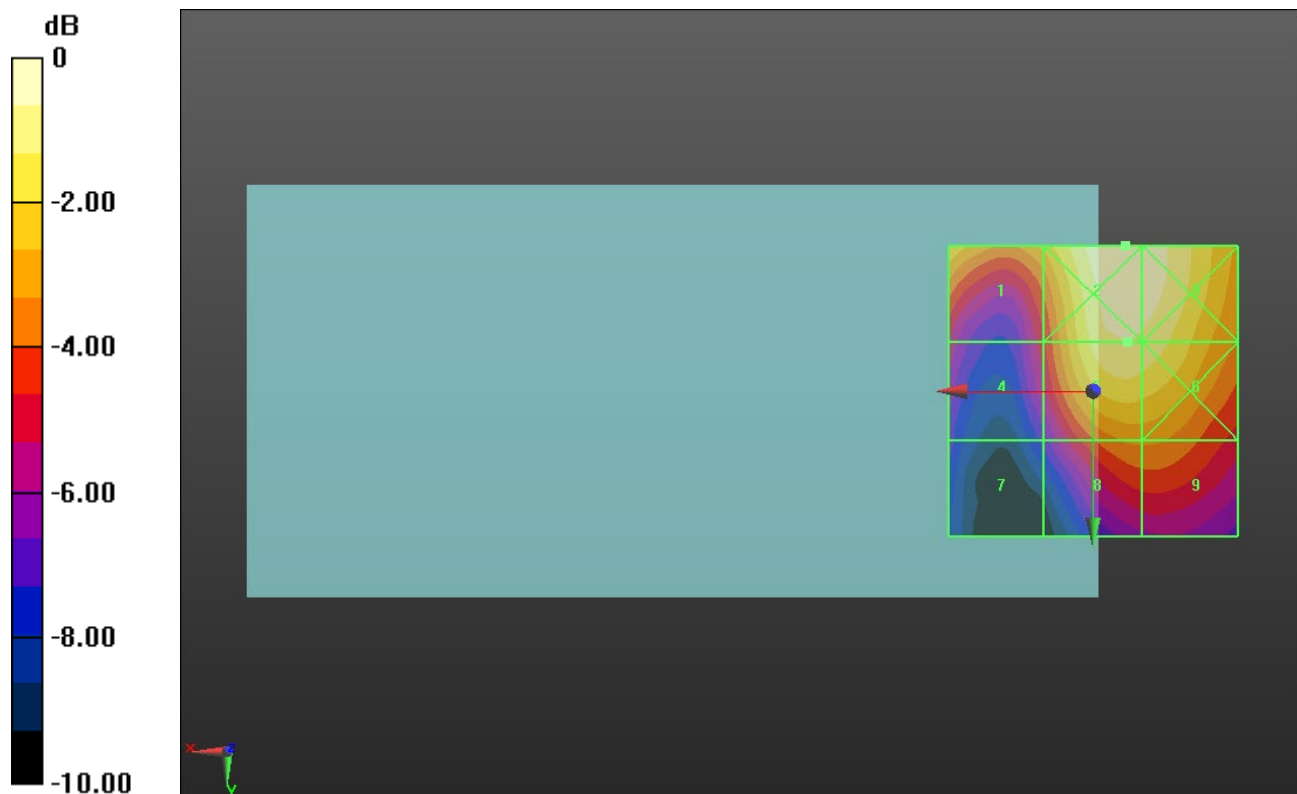
Applied MIF = -1.44 dB

RF audio interference level = 25.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.61 dBV/m	Grid 2 M4 26.53 dBV/m	Grid 3 M4 26.36 dBV/m
Grid 4 M4 21.78 dBV/m	Grid 5 M4 25.85 dBV/m	Grid 6 M4 25.7 dBV/m
Grid 7 M4 19.71 dBV/m	Grid 8 M4 23.35 dBV/m	Grid 9 M4 23.35 dBV/m



0 dB = 21.21 V/m = 26.53 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 21.17 V/m; Power Drift = 0.04 dB

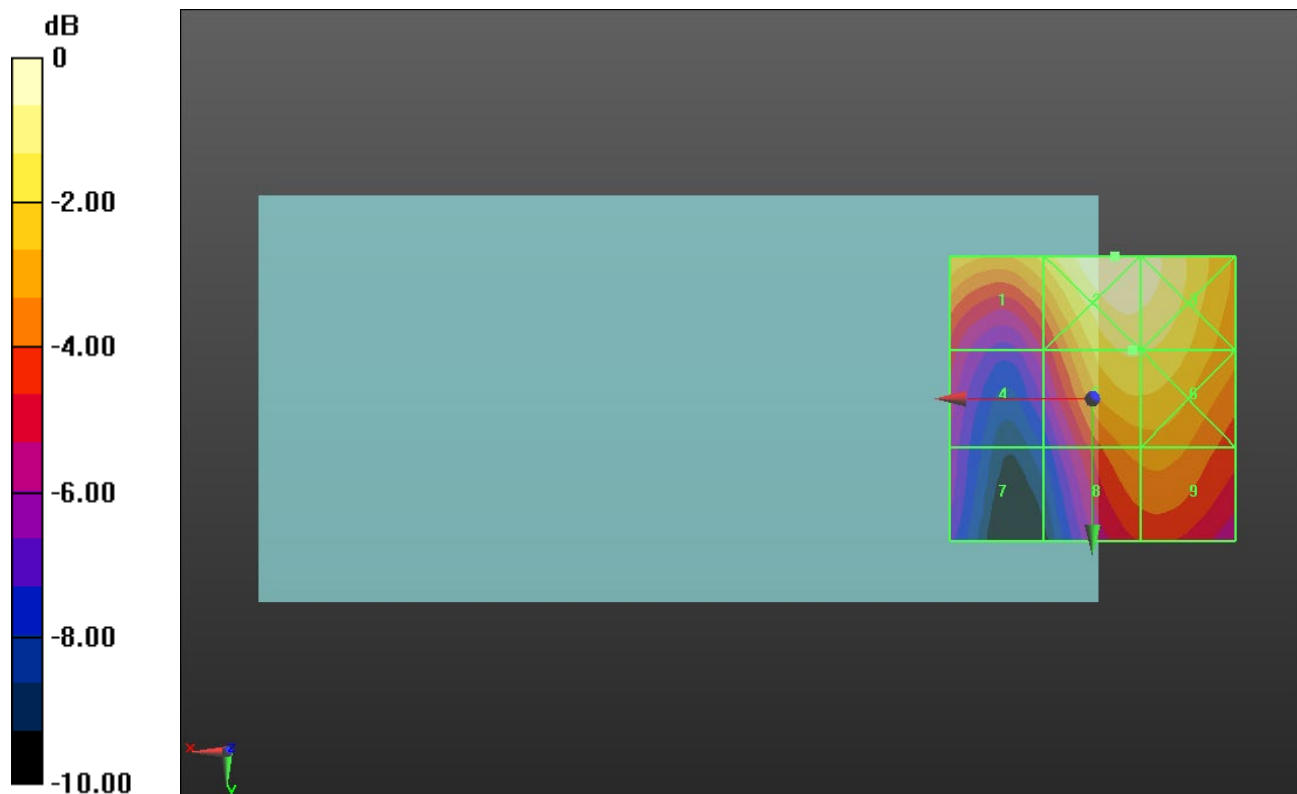
Applied MIF = -1.44 dB

RF audio interference level = 24.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.43 dBV/m	Grid 2 M4 26.13 dBV/m	Grid 3 M4 25.87 dBV/m
Grid 4 M4 21.3 dBV/m	Grid 5 M4 24.92 dBV/m	Grid 6 M4 24.87 dBV/m
Grid 7 M4 20.05 dBV/m	Grid 8 M4 23.11 dBV/m	Grid 9 M4 23.17 dBV/m



0 dB = 20.26 V/m = 26.13 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 22.30 V/m; Power Drift = -0.06 dB

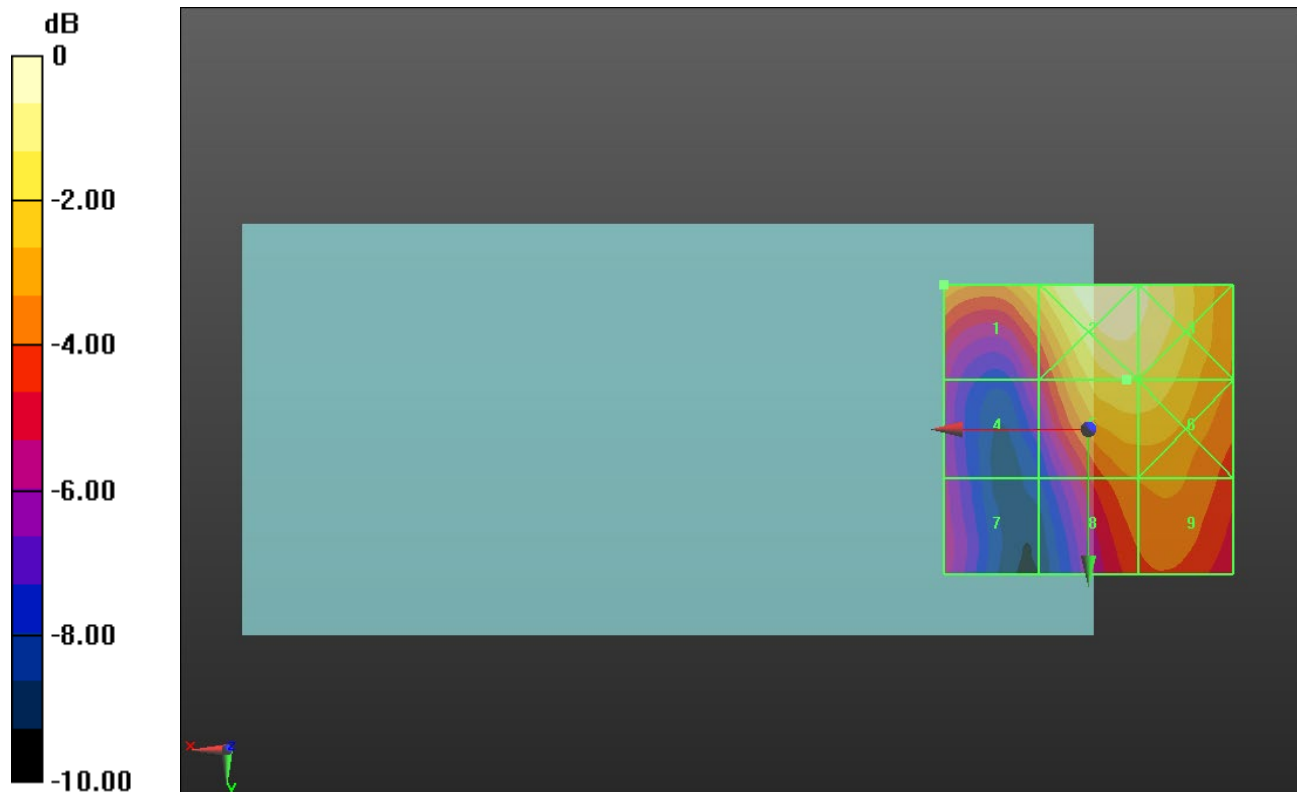
Applied MIF = -1.44 dB

RF audio interference level = 25.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.76 dBV/m	Grid 2 M4 26.63 dBV/m	Grid 3 M4 26.19 dBV/m
Grid 4 M4 21.32 dBV/m	Grid 5 M4 25.3 dBV/m	Grid 6 M4 25.23 dBV/m
Grid 7 M4 21.1 dBV/m	Grid 8 M4 23.34 dBV/m	Grid 9 M4 23.49 dBV/m



0 dB = 21.44 V/m = 26.62 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.24 V/m; Power Drift = -0.11 dB

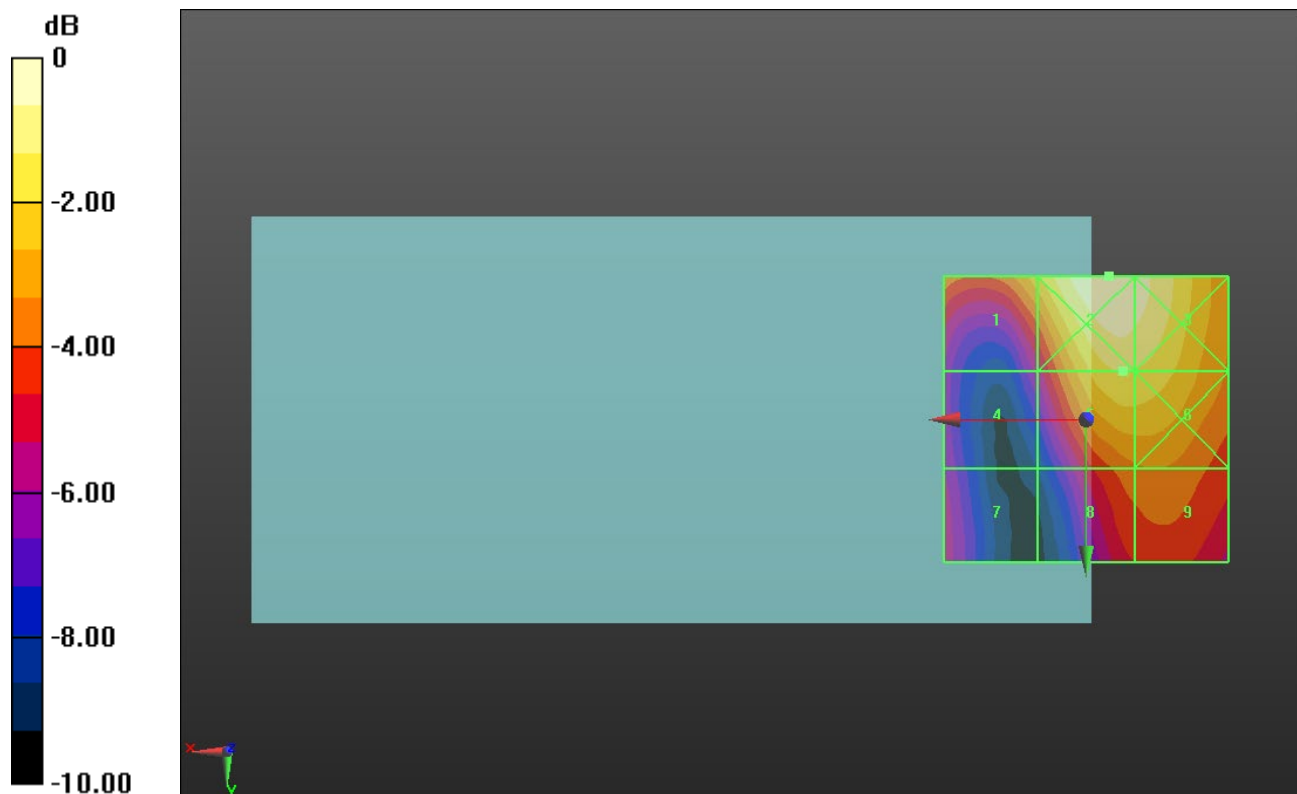
Applied MIF = -1.44 dB

RF audio interference level = 25.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.91 dBV/m	Grid 2 M4 27.06 dBV/m	Grid 3 M4 26.75 dBV/m
Grid 4 M4 21.38 dBV/m	Grid 5 M4 25.81 dBV/m	Grid 6 M4 25.72 dBV/m
Grid 7 M4 21.6 dBV/m	Grid 8 M4 23.62 dBV/m	Grid 9 M4 23.77 dBV/m



0 dB = 22.55 V/m = 27.06 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 24.23 V/m; Power Drift = -0.07 dB

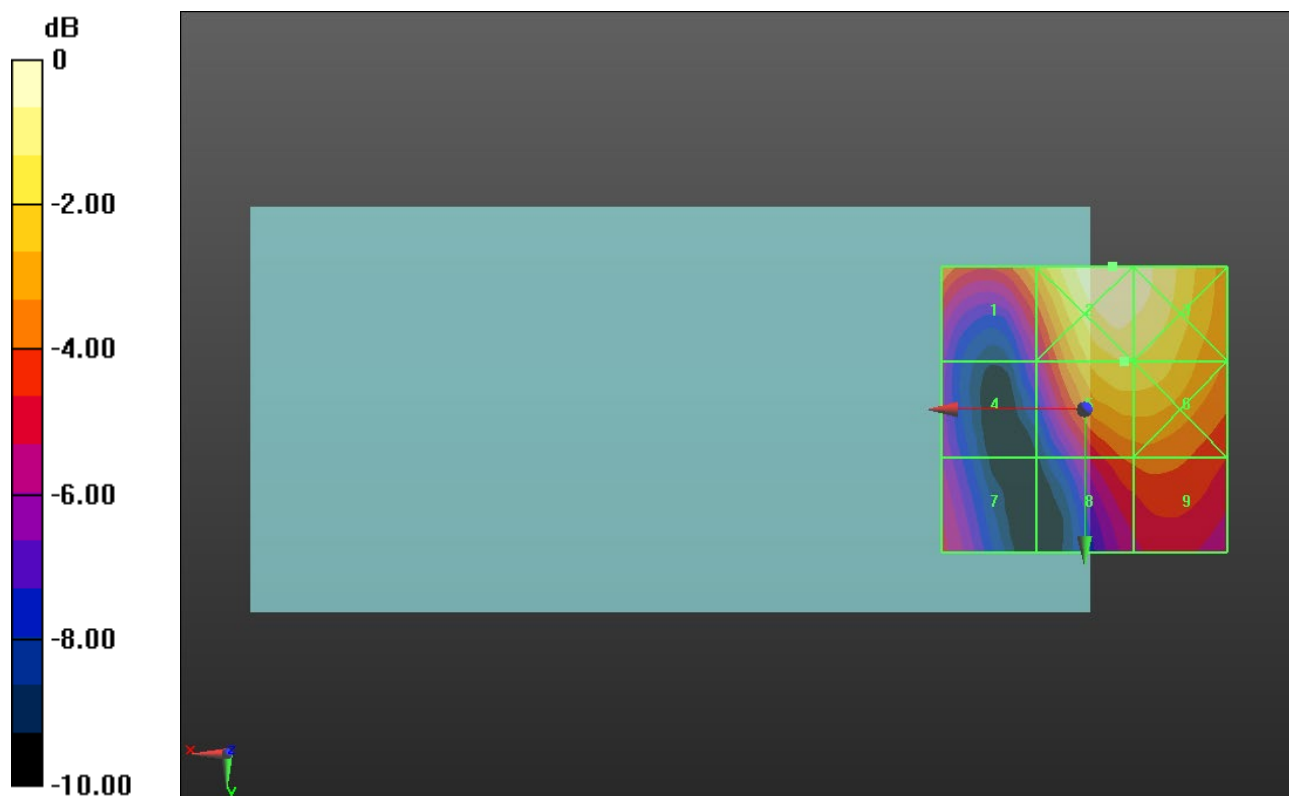
Applied MIF = -1.44 dB

RF audio interference level = 26.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.71 dBV/m	Grid 2 M4 27.38 dBV/m	Grid 3 M4 27.12 dBV/m
Grid 4 M4 21.45 dBV/m	Grid 5 M4 26.05 dBV/m	Grid 6 M4 26.01 dBV/m
Grid 7 M4 22.29 dBV/m	Grid 8 M4 23.57 dBV/m	Grid 9 M4 23.73 dBV/m



0 dB = 23.39 V/m = 27.38 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 5.283 V/m; Power Drift = -0.01 dB

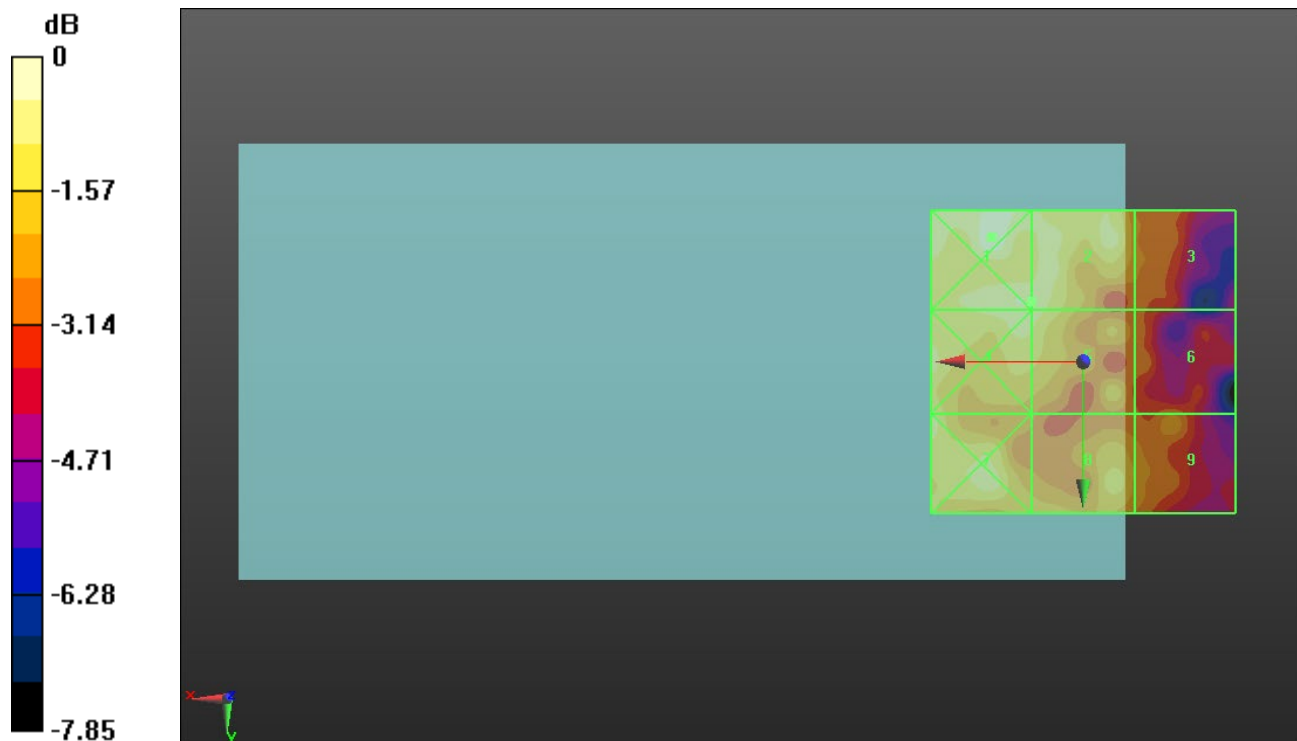
Applied MIF = -2.02 dB

RF audio interference level = 13.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.77 dBV/m	Grid 2 M4 13.14 dBV/m	Grid 3 M4 11.5 dBV/m
Grid 4 M4 13.19 dBV/m	Grid 5 M4 13.06 dBV/m	Grid 6 M4 11.14 dBV/m
Grid 7 M4 13.22 dBV/m	Grid 8 M4 12.52 dBV/m	Grid 9 M4 11.63 dBV/m



0 dB = 4.881 V/m = 13.77 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 5.443 V/m; Power Drift = 0.15 dB

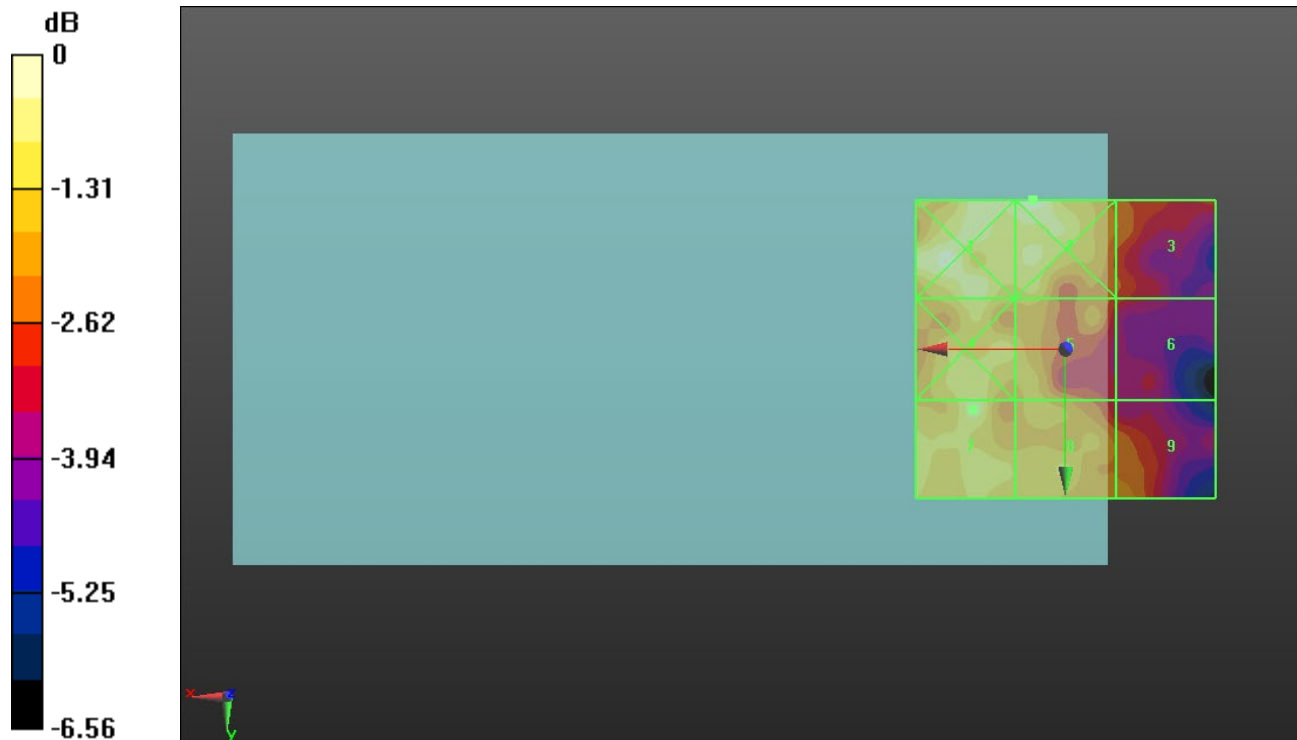
Applied MIF = -2.02 dB

RF audio interference level = 12.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.35 dBV/m	Grid 2 M4 13.57 dBV/m	Grid 3 M4 11.42 dBV/m
Grid 4 M4 12.83 dBV/m	Grid 5 M4 12.26 dBV/m	Grid 6 M4 10.79 dBV/m
Grid 7 M4 12.93 dBV/m	Grid 8 M4 12.34 dBV/m	Grid 9 M4 11.8 dBV/m



0 dB = 4.771 V/m = 13.57 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 5.183 V/m; Power Drift = 0.02 dB

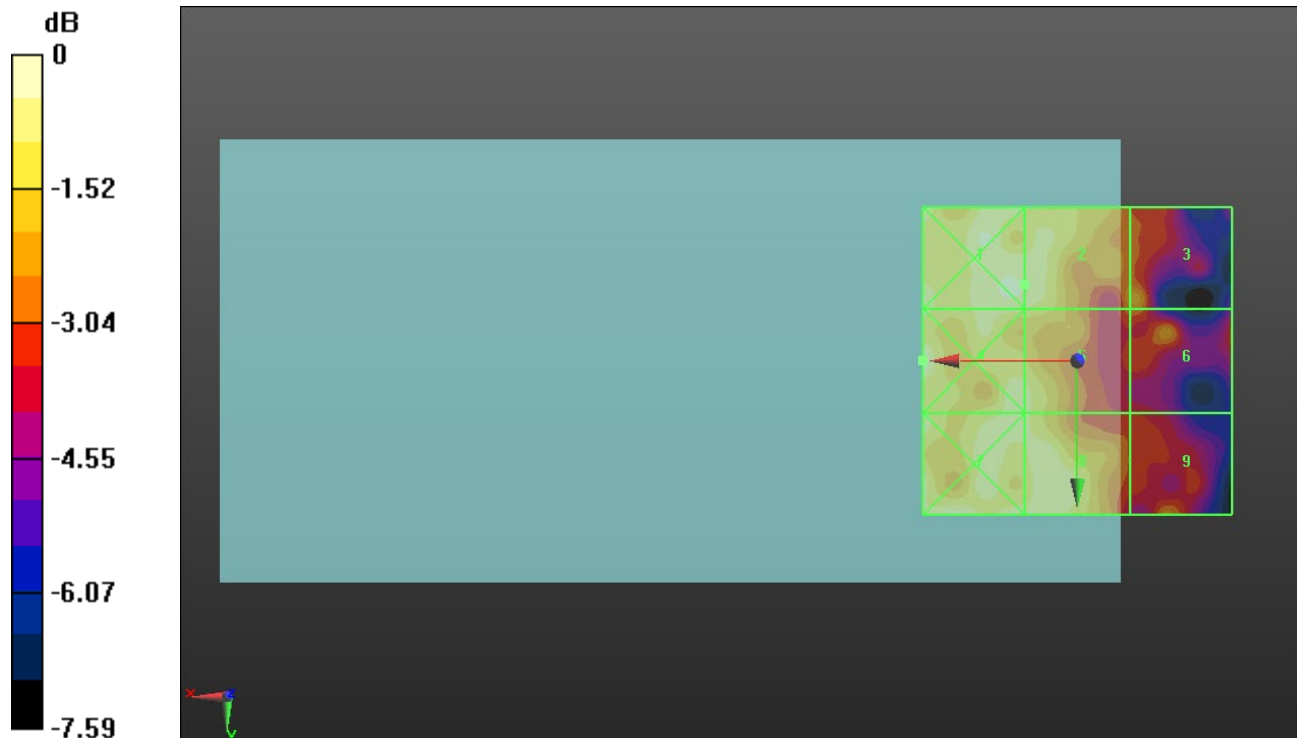
Applied MIF = -2.02 dB

RF audio interference level = 11.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.11 dBV/m	Grid 2 M4 11.77 dBV/m	Grid 3 M4 10.57 dBV/m
Grid 4 M4 12.3 dBV/m	Grid 5 M4 11.52 dBV/m	Grid 6 M4 10.13 dBV/m
Grid 7 M4 12.08 dBV/m	Grid 8 M4 11.72 dBV/m	Grid 9 M4 10.18 dBV/m



0 dB = 4.122 V/m = 12.30 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 5.758 V/m; Power Drift = -0.17 dB

Applied MIF = 0.12 dB

RF audio interference level = 14.79 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.48 dBV/m	Grid 2 M4 15.86 dBV/m	Grid 3 M4 13.12 dBV/m
Grid 4 M4 14.43 dBV/m	Grid 5 M4 14.3 dBV/m	Grid 6 M4 13.12 dBV/m
Grid 7 M4 14.79 dBV/m	Grid 8 M4 14.23 dBV/m	Grid 9 M4 13.05 dBV/m



0 dB = 6.207 V/m = 15.86 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 5.421 V/m; Power Drift = -0.20 dB

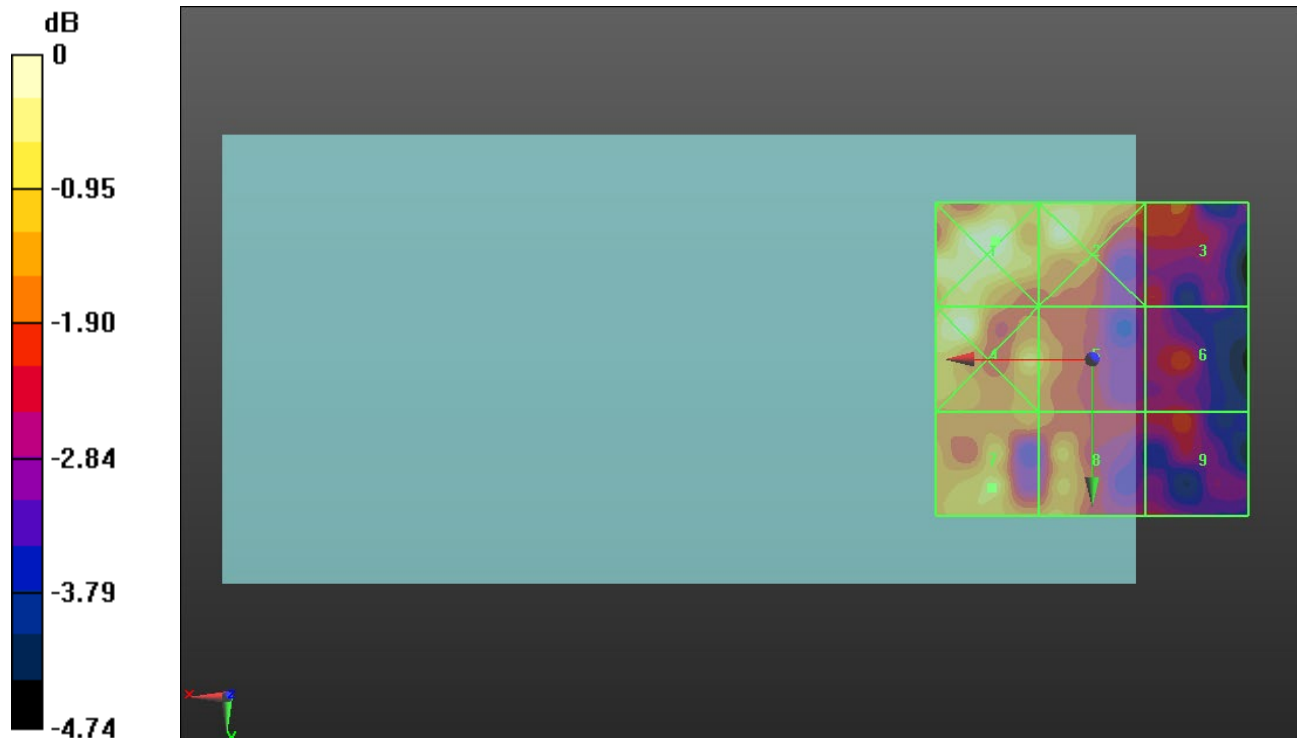
Applied MIF = 0.12 dB

RF audio interference level = 14.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.11 dBV/m	Grid 2 M4 14.96 dBV/m	Grid 3 M4 13.41 dBV/m
Grid 4 M4 15.04 dBV/m	Grid 5 M4 14.09 dBV/m	Grid 6 M4 13.2 dBV/m
Grid 7 M4 14.38 dBV/m	Grid 8 M4 14.01 dBV/m	Grid 9 M4 13.18 dBV/m



0 dB = 5.698 V/m = 15.11 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 4.873 V/m; Power Drift = 0.02 dB

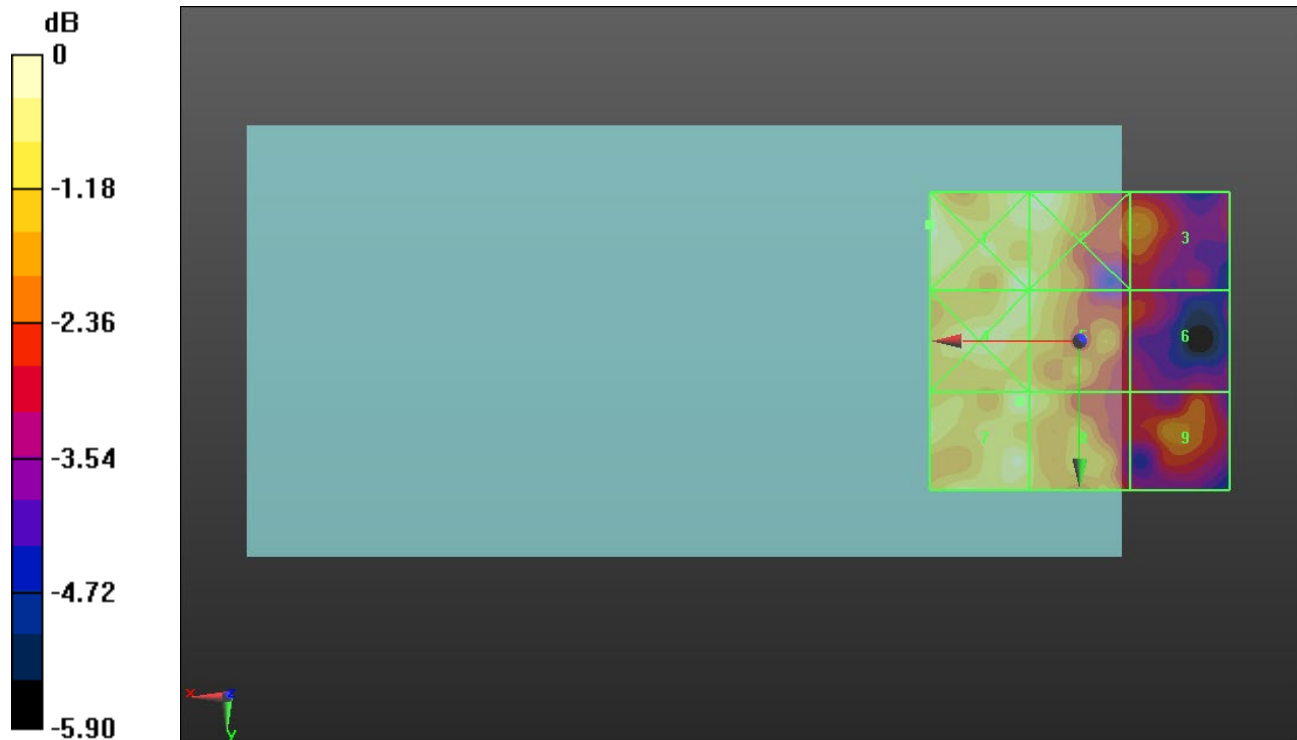
Applied MIF = 0.12 dB

RF audio interference level = 14.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.7 dBV/m	Grid 2 M4 14.59 dBV/m	Grid 3 M4 13.14 dBV/m
Grid 4 M4 14.35 dBV/m	Grid 5 M4 14.23 dBV/m	Grid 6 M4 12.2 dBV/m
Grid 7 M4 14.45 dBV/m	Grid 8 M4 14.19 dBV/m	Grid 9 M4 13.06 dBV/m



0 dB = 5.430 V/m = 14.70 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 6.695 V/m; Power Drift = 0.04 dB

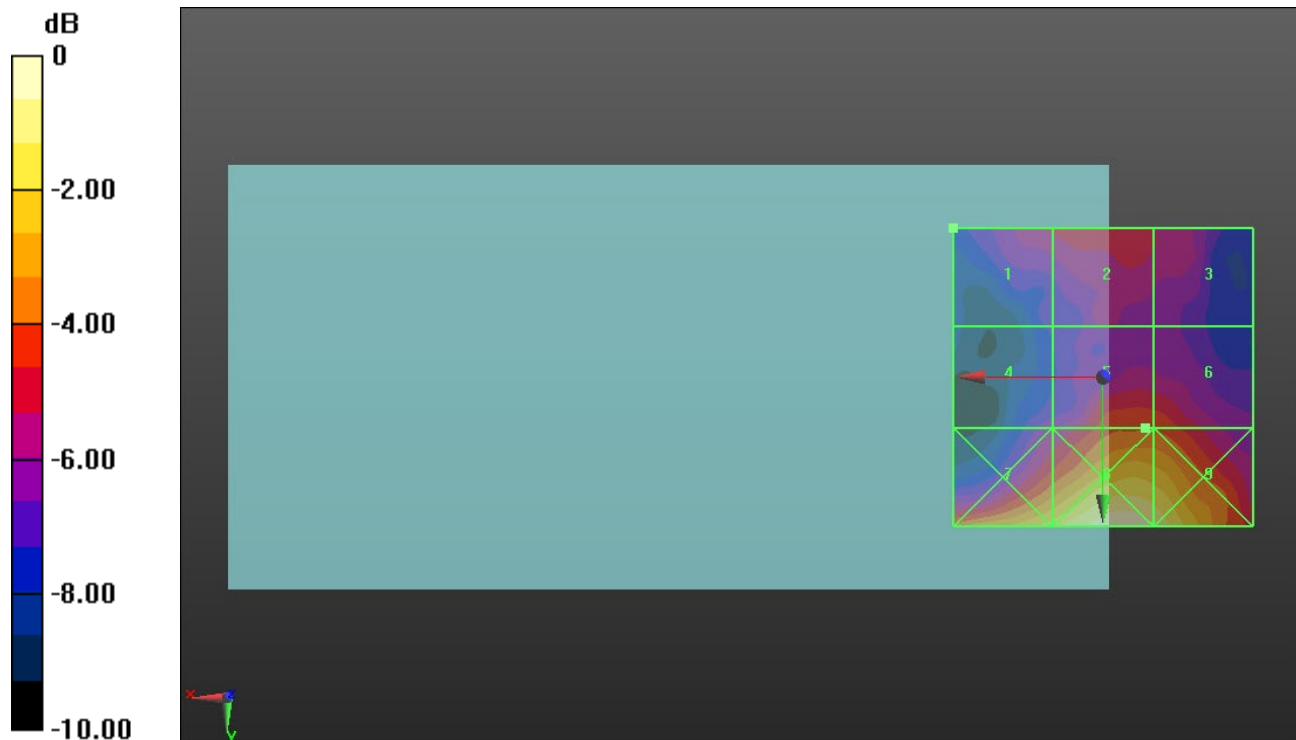
Applied MIF = 3.63 dB

RF audio interference level = 19.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.23 dBV/m	Grid 2 M4 18.64 dBV/m	Grid 3 M4 18.14 dBV/m
Grid 4 M4 17.27 dBV/m	Grid 5 M4 19.37 dBV/m	Grid 6 M4 19.33 dBV/m
Grid 7 M4 21.85 dBV/m	Grid 8 M4 23.39 dBV/m	Grid 9 M4 22.7 dBV/m



0 dB = 14.78 V/m = 23.39 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 7.369 V/m; Power Drift = -0.14 dB

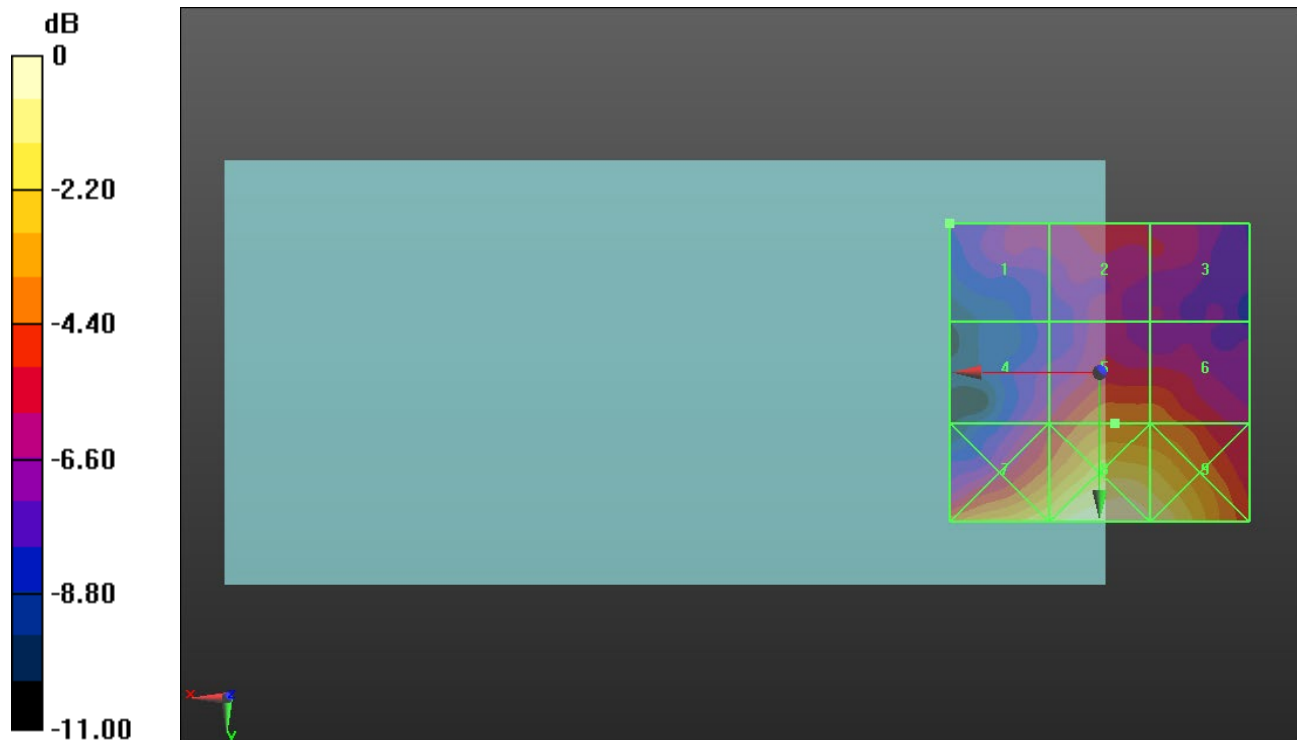
Applied MIF = 3.63 dB

RF audio interference level = 20.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.75 dBV/m	Grid 2 M4 18.35 dBV/m	Grid 3 M4 17.97 dBV/m
Grid 4 M4 18.04 dBV/m	Grid 5 M4 20.06 dBV/m	Grid 6 M4 19.89 dBV/m
Grid 7 M4 22.53 dBV/m	Grid 8 M4 23.72 dBV/m	Grid 9 M4 23.2 dBV/m



0 dB = 15.34 V/m = 23.72 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 7.562 V/m; Power Drift = -0.15 dB

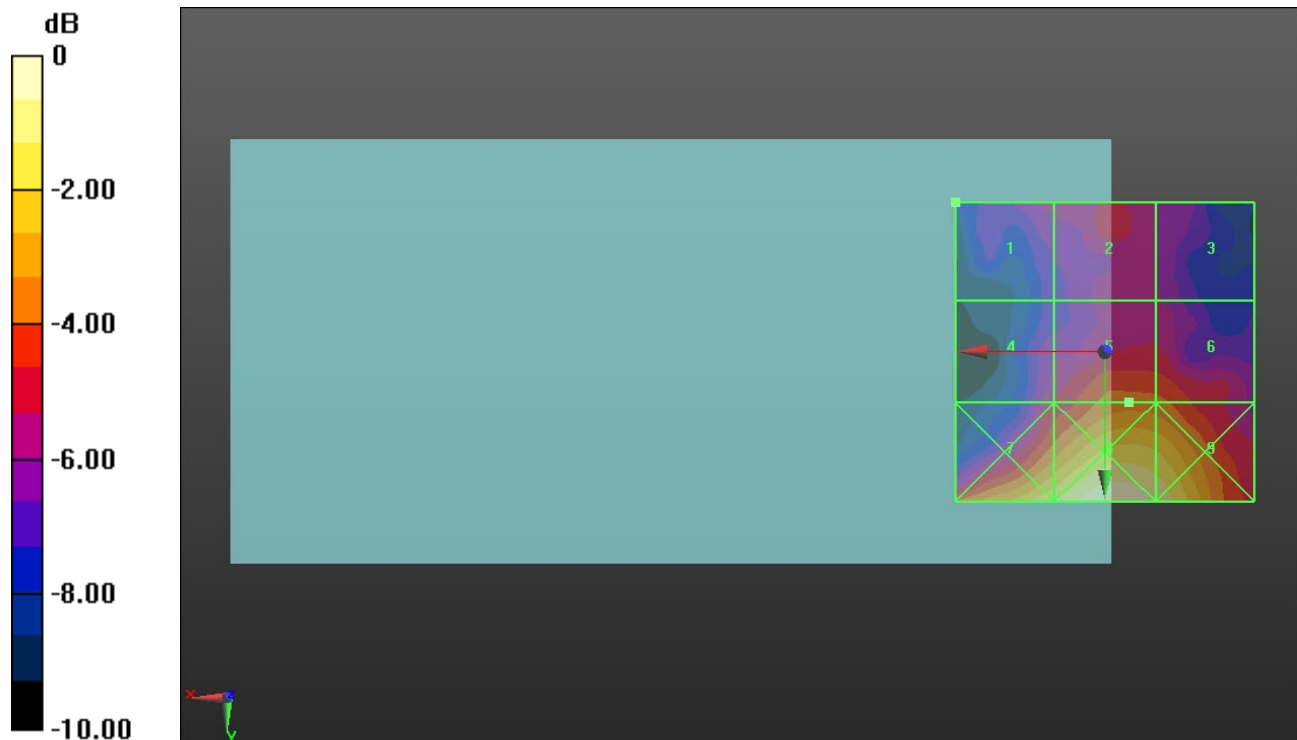
Applied MIF = 3.63 dB

RF audio interference level = 20.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.14 dBV/m	Grid 2 M4 18.63 dBV/m	Grid 3 M4 17.9 dBV/m
Grid 4 M4 18.54 dBV/m	Grid 5 M4 20.15 dBV/m	Grid 6 M4 20.01 dBV/m
Grid 7 M4 22.54 dBV/m	Grid 8 M4 23.75 dBV/m	Grid 9 M4 23.06 dBV/m



0 dB = 15.40 V/m = 23.75 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 20 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.28 V/m; Power Drift = -0.09 dB

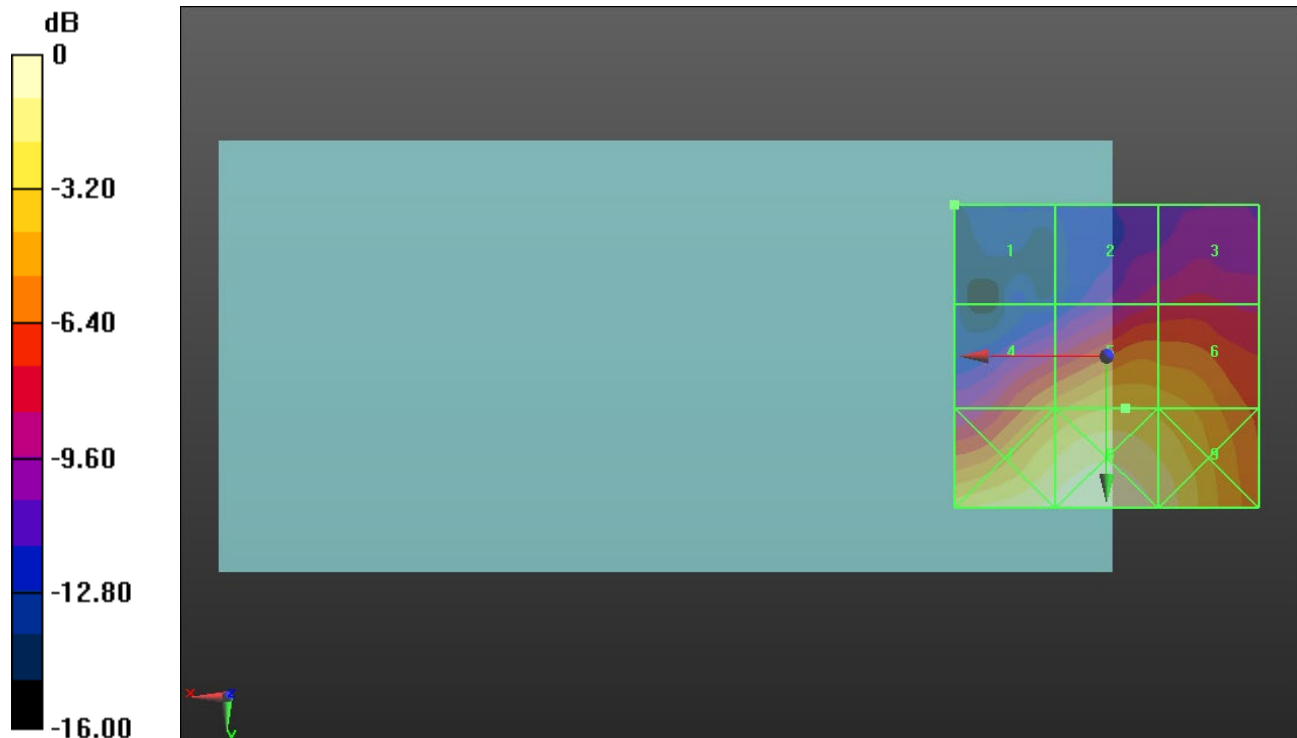
Applied MIF = -1.44 dB

RF audio interference level = 20.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.92 dBV/m	Grid 2 M4 14.63 dBV/m	Grid 3 M4 15.09 dBV/m
Grid 4 M4 18.47 dBV/m	Grid 5 M4 20.12 dBV/m	Grid 6 M4 19.66 dBV/m
Grid 7 M4 22.56 dBV/m	Grid 8 M4 23.18 dBV/m	Grid 9 M4 21.92 dBV/m



0 dB = 14.42 V/m = 23.18 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 11.66 V/m; Power Drift = -0.04 dB

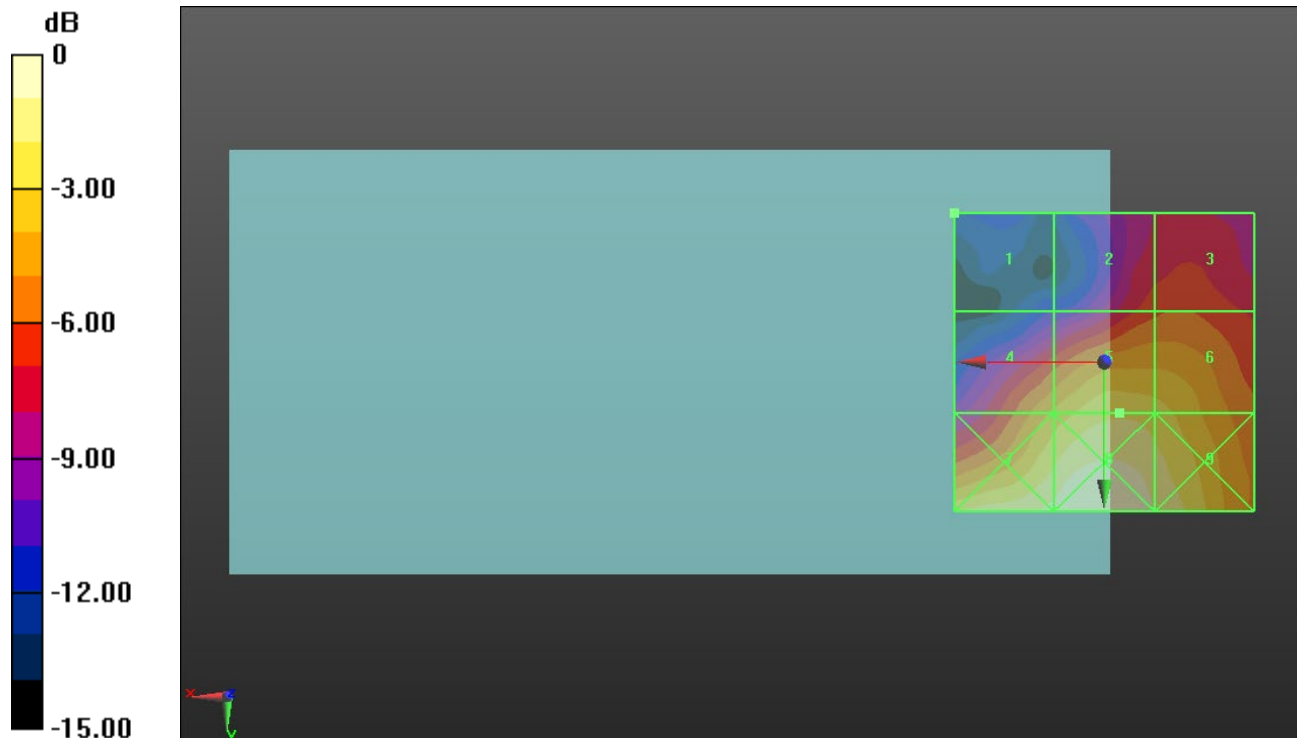
Applied MIF = -1.44 dB

RF audio interference level = 19.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.13 dBV/m	Grid 2 M4 15.85 dBV/m	Grid 3 M4 16.13 dBV/m
Grid 4 M4 18.27 dBV/m	Grid 5 M4 19.89 dBV/m	Grid 6 M4 19.49 dBV/m
Grid 7 M4 21.4 dBV/m	Grid 8 M4 22.06 dBV/m	Grid 9 M4 21.02 dBV/m



0 dB = 12.67 V/m = 22.06 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 11.29 V/m; Power Drift = -0.06 dB

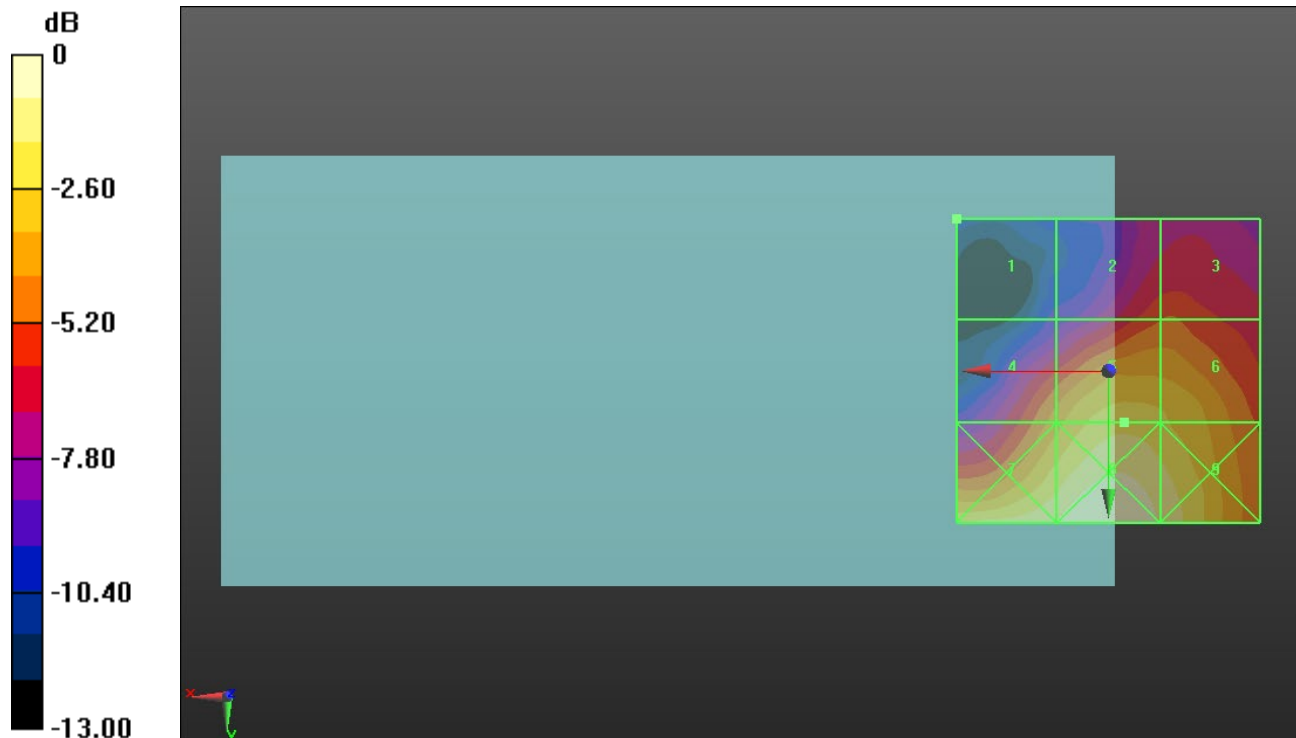
Applied MIF = -1.44 dB

RF audio interference level = 19.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.14 dBV/m	Grid 2 M4 15.95 dBV/m	Grid 3 M4 16.06 dBV/m
Grid 4 M4 17.39 dBV/m	Grid 5 M4 19.14 dBV/m	Grid 6 M4 18.76 dBV/m
Grid 7 M4 20.38 dBV/m	Grid 8 M4 21.16 dBV/m	Grid 9 M4 20.23 dBV/m



0 dB = 11.43 V/m = 21.16 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 10.78 V/m; Power Drift = -0.08 dB

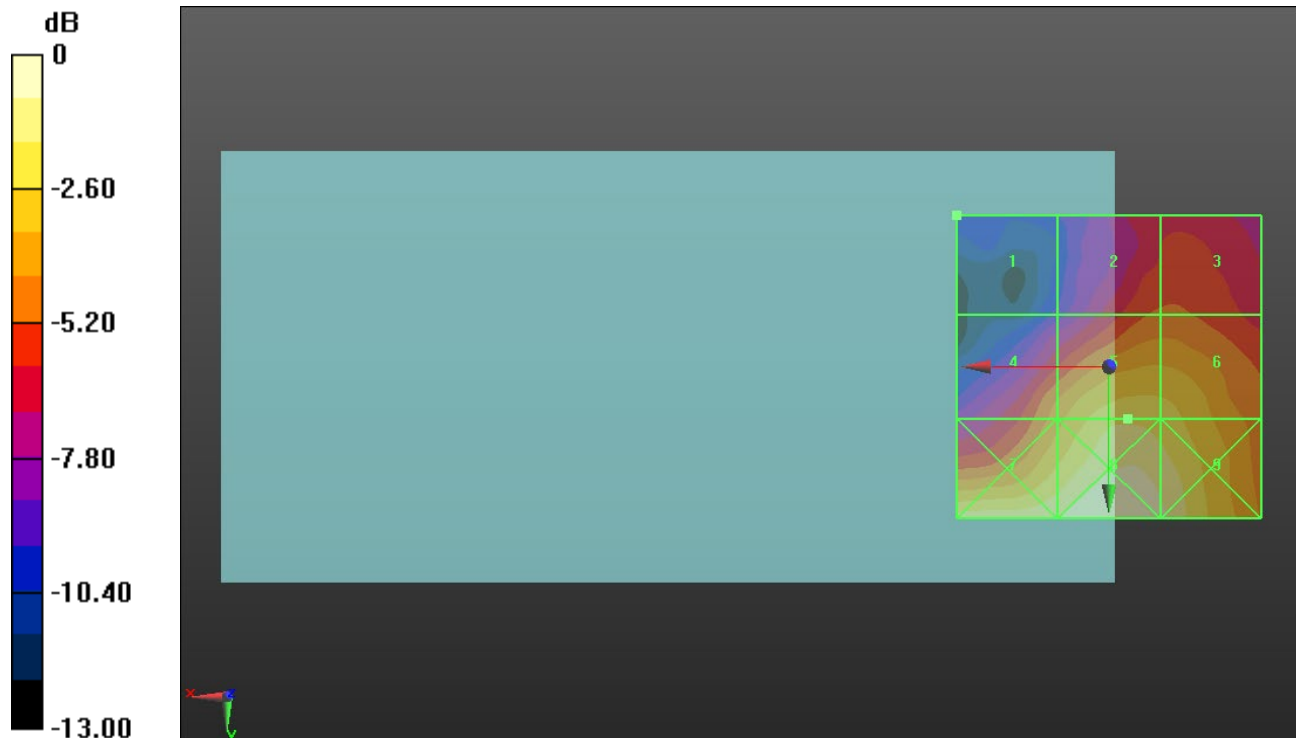
Applied MIF = -1.44 dB

RF audio interference level = 18.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.51 dBV/m	Grid 2 M4 15.58 dBV/m	Grid 3 M4 15.62 dBV/m
Grid 4 M4 16.74 dBV/m	Grid 5 M4 18.65 dBV/m	Grid 6 M4 18.39 dBV/m
Grid 7 M4 19.78 dBV/m	Grid 8 M4 20.56 dBV/m	Grid 9 M4 19.88 dBV/m



0 dB = 10.66 V/m = 20.56 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 20 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.807 V/m; Power Drift = 0.11 dB

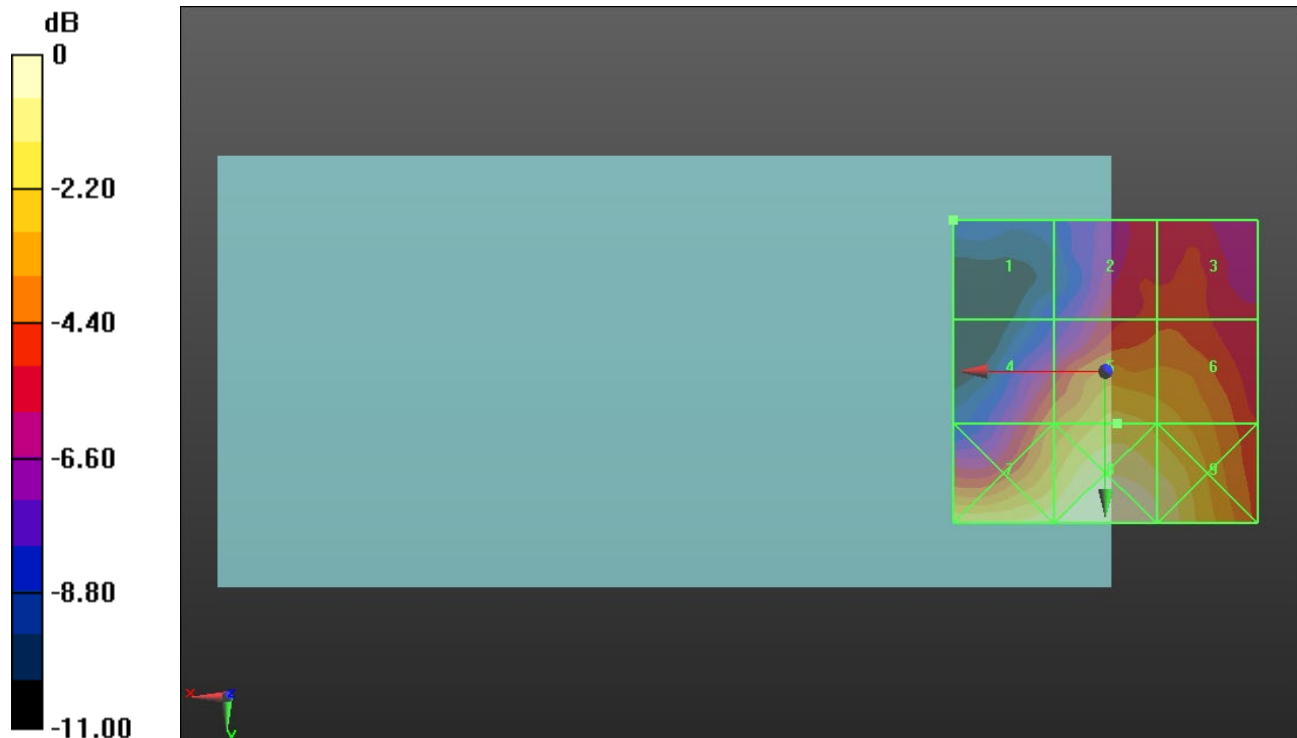
Applied MIF = -1.44 dB

RF audio interference level = 17.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.63 dBV/m	Grid 2 M4 15.09 dBV/m	Grid 3 M4 15.18 dBV/m
Grid 4 M4 16.02 dBV/m	Grid 5 M4 17.79 dBV/m	Grid 6 M4 17.26 dBV/m
Grid 7 M4 18.92 dBV/m	Grid 8 M4 19.7 dBV/m	Grid 9 M4 19.04 dBV/m



0 dB = 9.662 V/m = 19.70 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 17.08 V/m; Power Drift = 0.15 dB

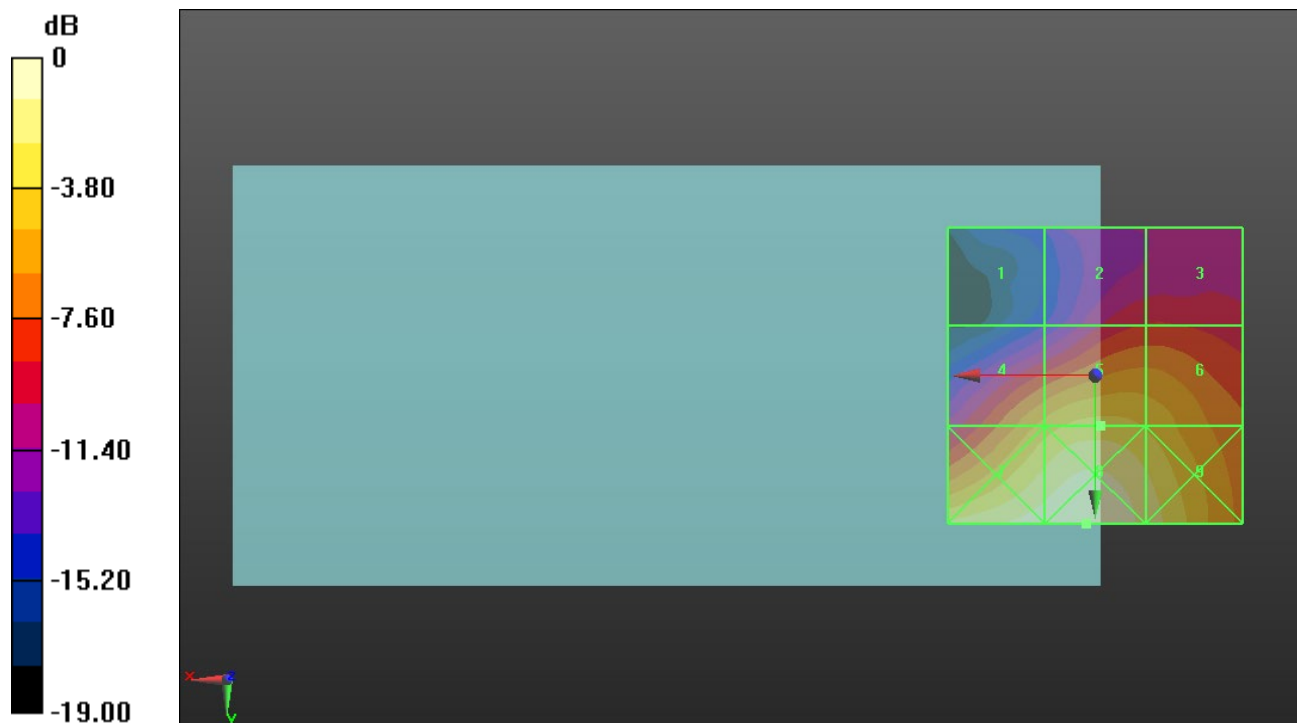
Applied MIF = -1.44 dB

RF audio interference level = 23.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.25 dBV/m	Grid 2 M4 18.19 dBV/m	Grid 3 M4 18.26 dBV/m
Grid 4 M4 22.42 dBV/m	Grid 5 M4 23.71 dBV/m	Grid 6 M4 23.04 dBV/m
Grid 7 M4 26.49 dBV/m	Grid 8 M4 26.94 dBV/m	Grid 9 M4 25.25 dBV/m



0 dB = 22.23 V/m = 26.94 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 18.56 V/m; Power Drift = -0.07 dB

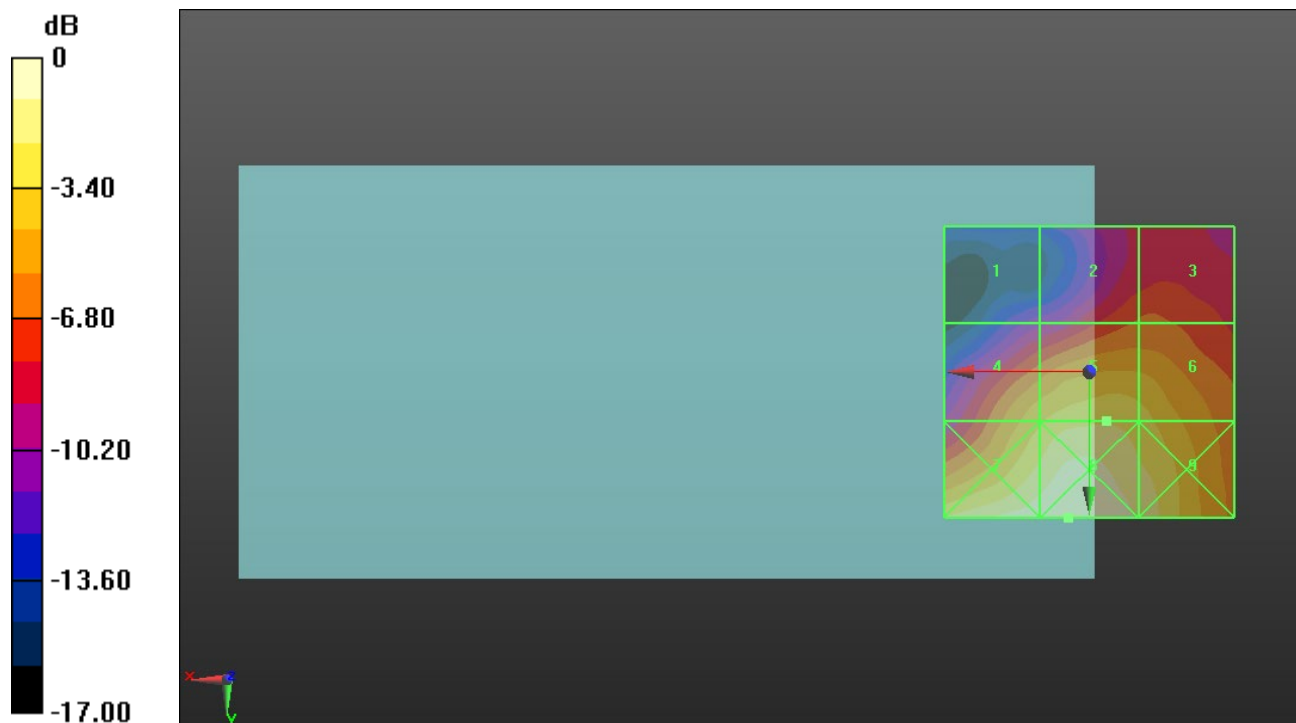
Applied MIF = -1.44 dB

RF audio interference level = 23.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.29 dBV/m	Grid 2 M4 19.3 dBV/m	Grid 3 M4 19.44 dBV/m
Grid 4 M4 22.37 dBV/m	Grid 5 M4 23.58 dBV/m	Grid 6 M4 23.04 dBV/m
Grid 7 M4 25.57 dBV/m	Grid 8 M4 25.92 dBV/m	Grid 9 M4 24.64 dBV/m



0 dB = 19.78 V/m = 25.92 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 17.30 V/m; Power Drift = 0.01 dB

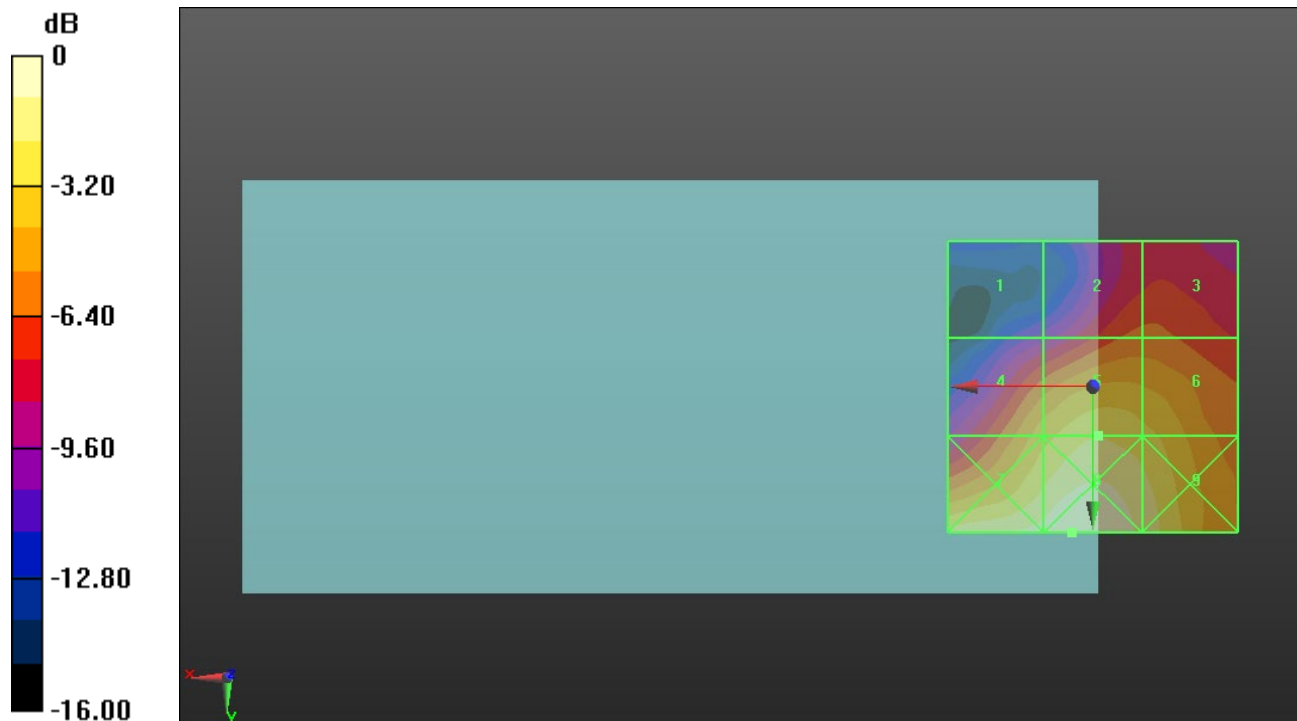
Applied MIF = -1.44 dB

RF audio interference level = 22.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.87 dBV/m	Grid 2 M4 18.97 dBV/m	Grid 3 M4 19.01 dBV/m
Grid 4 M4 21.35 dBV/m	Grid 5 M4 22.78 dBV/m	Grid 6 M4 22.2 dBV/m
Grid 7 M4 24.39 dBV/m	Grid 8 M4 24.95 dBV/m	Grid 9 M4 23.58 dBV/m



0 dB = 17.68 V/m = 24.95 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 16.21 V/m; Power Drift = 0.04 dB

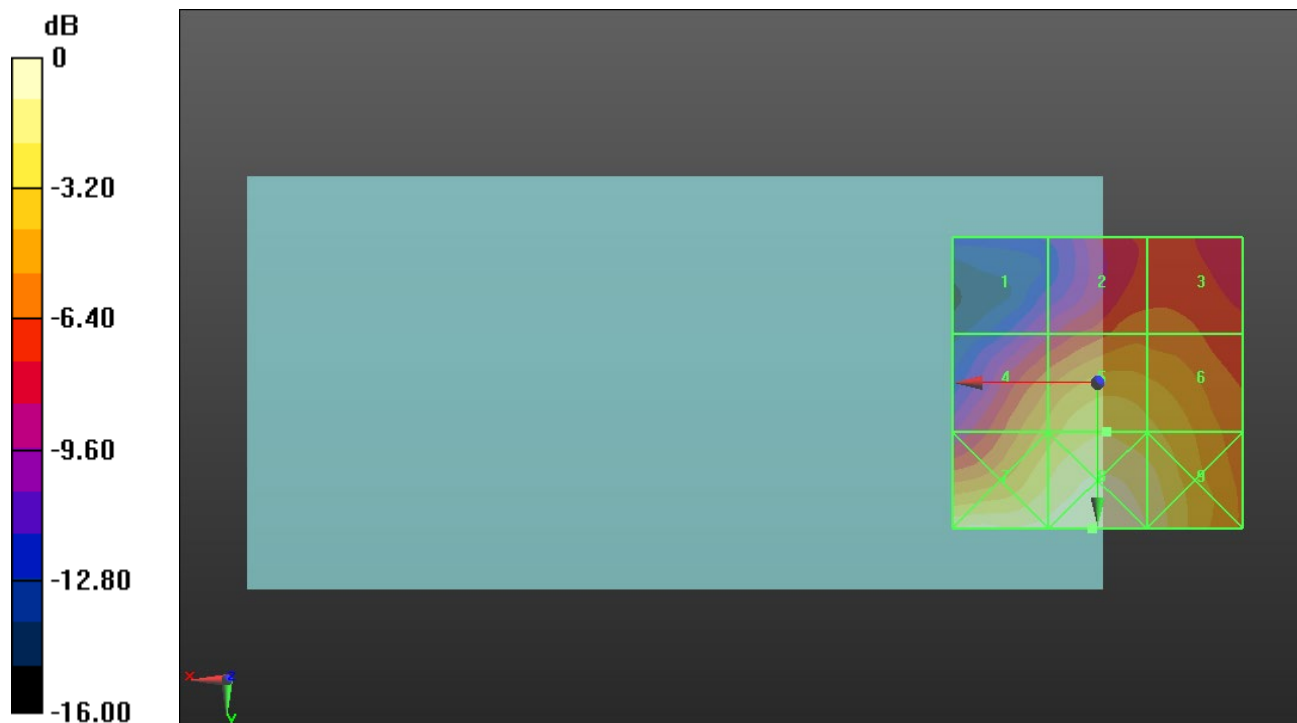
Applied MIF = -1.44 dB

RF audio interference level = 21.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.23 dBV/m	Grid 2 M4 18.51 dBV/m	Grid 3 M4 18.51 dBV/m
Grid 4 M4 20.42 dBV/m	Grid 5 M4 21.96 dBV/m	Grid 6 M4 21.31 dBV/m
Grid 7 M4 23.56 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 23.05 dBV/m



0 dB = 16.10 V/m = 24.14 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 15.31 V/m; Power Drift = 0.13 dB

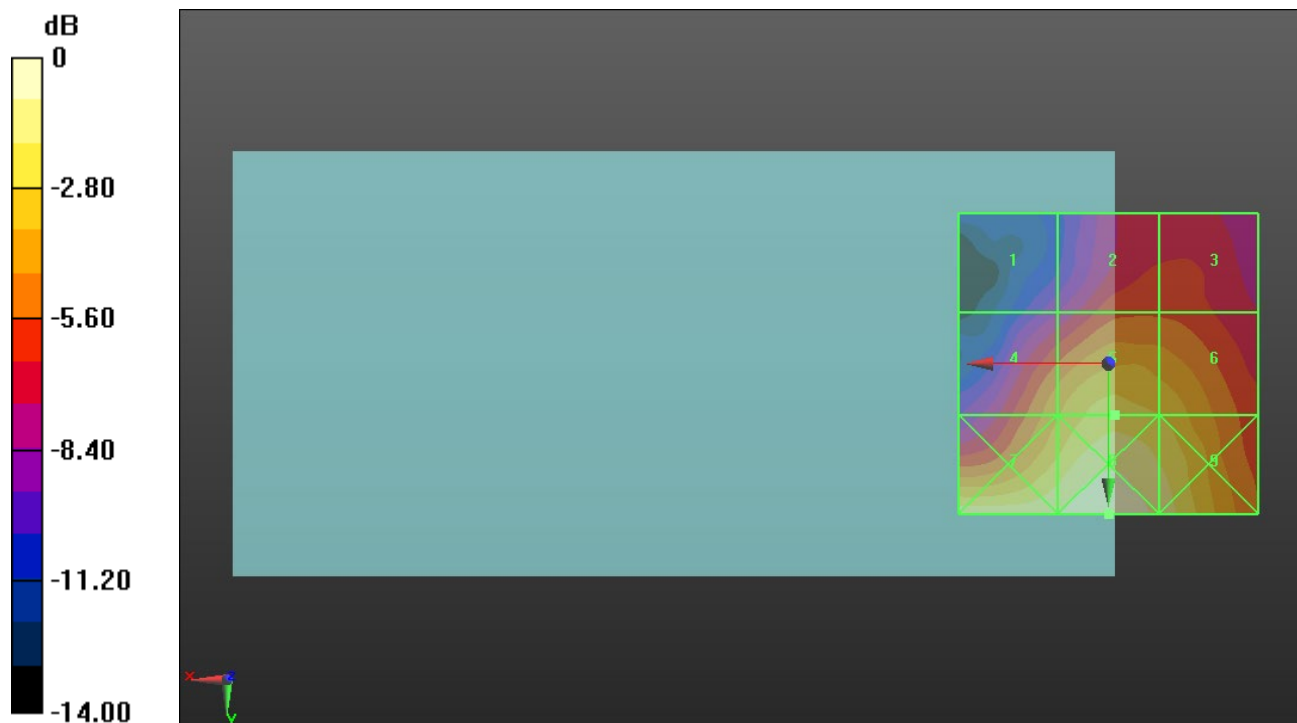
Applied MIF = -1.44 dB

RF audio interference level = 21.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.26 dBV/m	Grid 2 M4 17.96 dBV/m	Grid 3 M4 17.89 dBV/m
Grid 4 M4 19.78 dBV/m	Grid 5 M4 21.32 dBV/m	Grid 6 M4 20.83 dBV/m
Grid 7 M4 22.66 dBV/m	Grid 8 M4 23.62 dBV/m	Grid 9 M4 22.41 dBV/m



0 dB = 15.17 V/m = 23.62 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 11.96 V/m; Power Drift = -0.06 dB

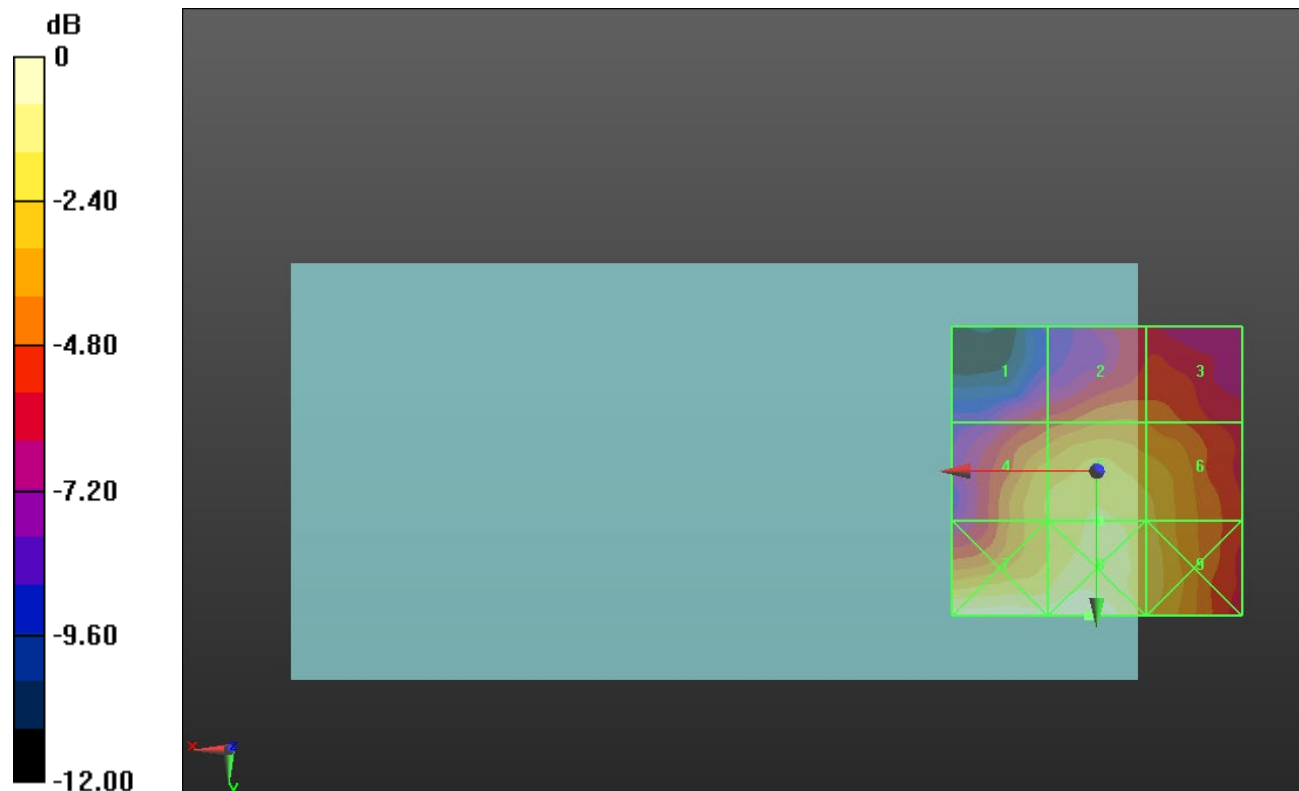
Applied MIF = -1.44 dB

RF audio interference level = 18.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.3 dBV/m	Grid 2 M4 15.67 dBV/m	Grid 3 M4 15.5 dBV/m
Grid 4 M4 17.23 dBV/m	Grid 5 M4 18.11 dBV/m	Grid 6 M4 17.4 dBV/m
Grid 7 M4 19.47 dBV/m	Grid 8 M4 19.52 dBV/m	Grid 9 M4 17.68 dBV/m



0 dB = 9.466 V/m = 19.52 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 12.37 V/m; Power Drift = 0.02 dB

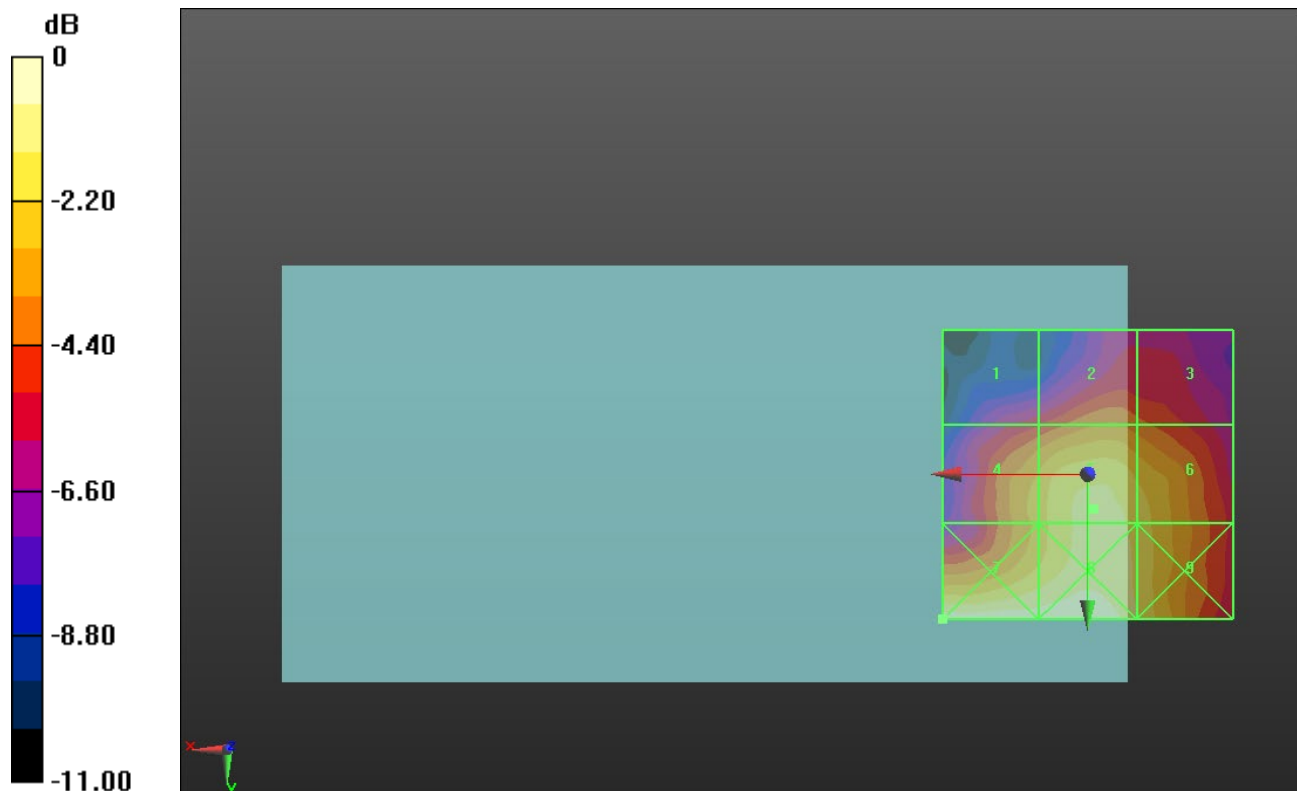
Applied MIF = -1.44 dB

RF audio interference level = 18.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.4 dBV/m	Grid 2 M4 15.99 dBV/m	Grid 3 M4 15.49 dBV/m
Grid 4 M4 17.08 dBV/m	Grid 5 M4 18.41 dBV/m	Grid 6 M4 17.79 dBV/m
Grid 7 M4 19.55 dBV/m	Grid 8 M4 19.54 dBV/m	Grid 9 M4 18.16 dBV/m



0 dB = 9.490 V/m = 19.55 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 13.85 V/m; Power Drift = 0.10 dB

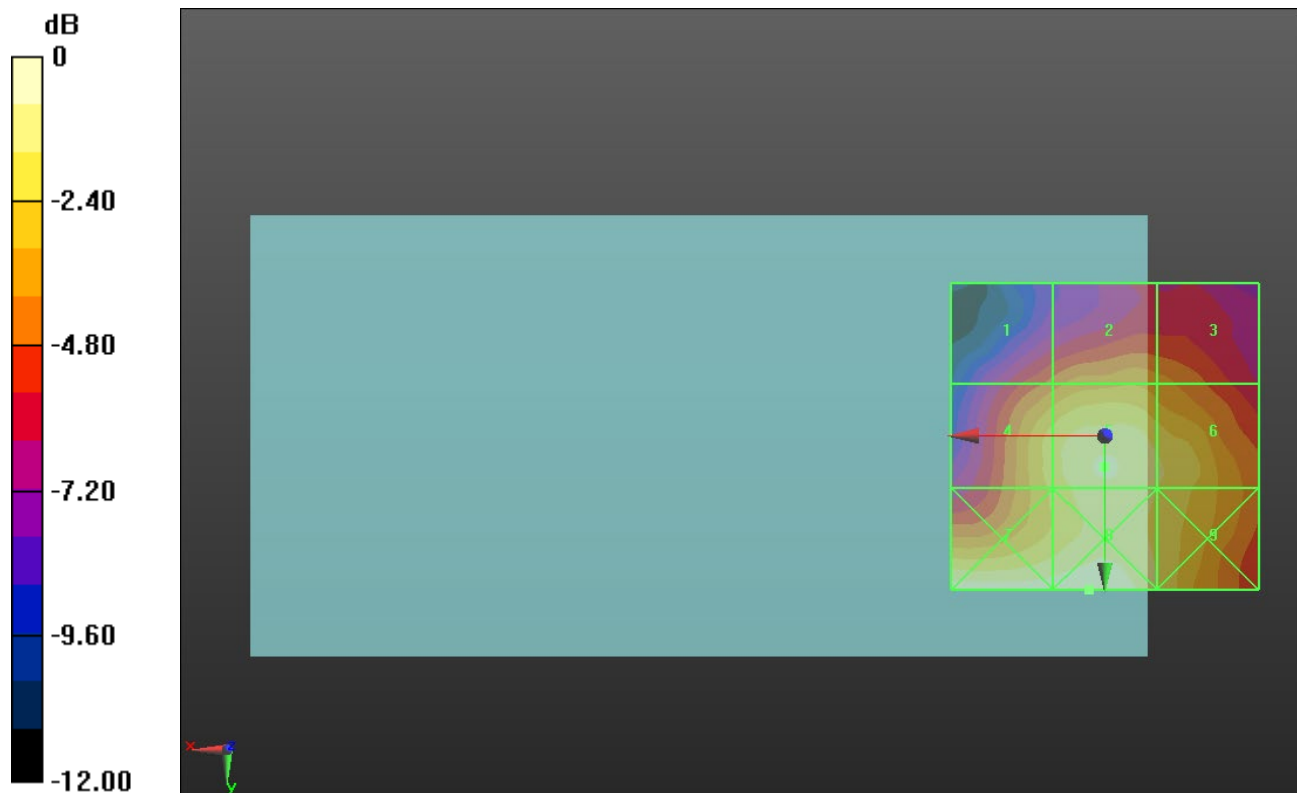
Applied MIF = -1.44 dB

RF audio interference level = 19.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.8 dBV/m	Grid 2 M4 16.95 dBV/m	Grid 3 M4 16.58 dBV/m
Grid 4 M4 18.27 dBV/m	Grid 5 M4 19.55 dBV/m	Grid 6 M4 18.71 dBV/m
Grid 7 M4 20.08 dBV/m	Grid 8 M4 20.18 dBV/m	Grid 9 M4 18.63 dBV/m



0 dB = 10.21 V/m = 20.18 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 15.26 V/m; Power Drift = -0.14 dB

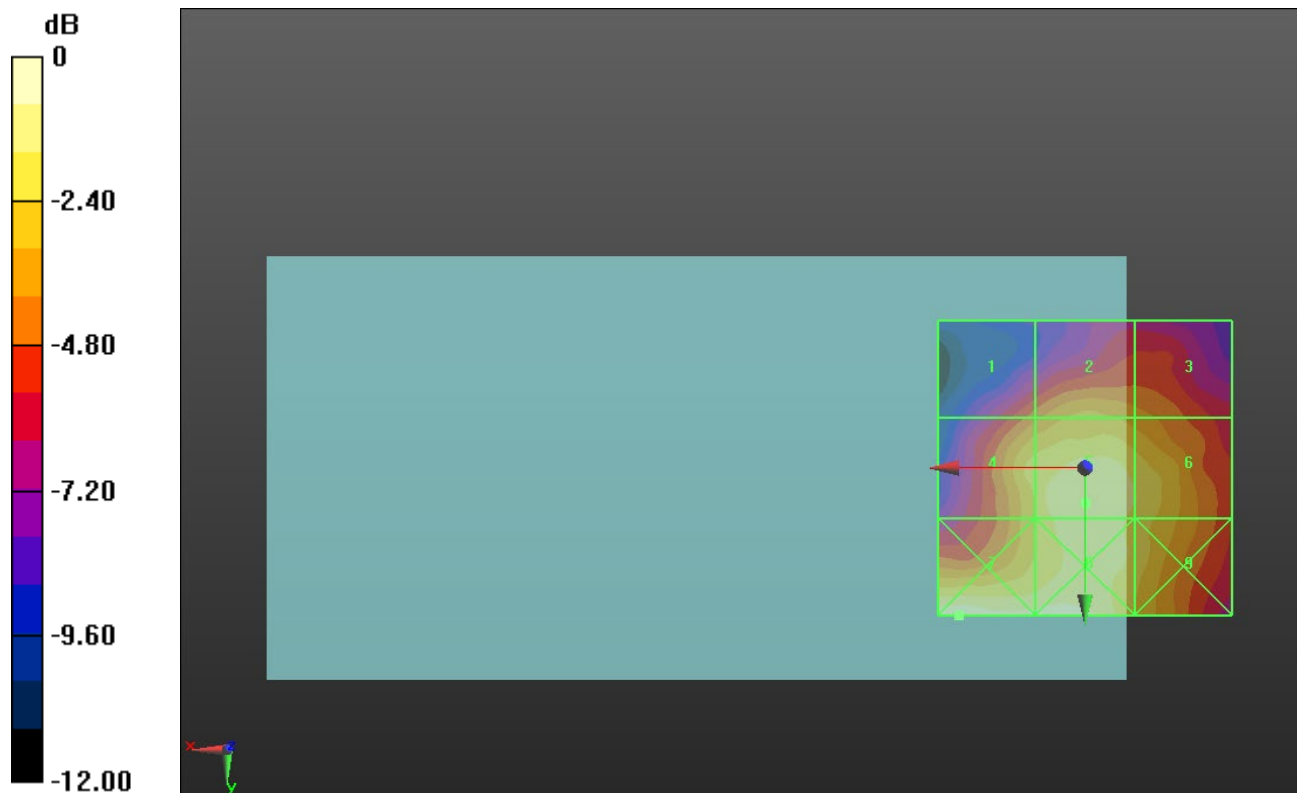
Applied MIF = -1.44 dB

RF audio interference level = 19.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.25 dBV/m	Grid 2 M4 17.63 dBV/m	Grid 3 M4 16.94 dBV/m
Grid 4 M4 18.57 dBV/m	Grid 5 M4 19.65 dBV/m	Grid 6 M4 18.93 dBV/m
Grid 7 M4 20.48 dBV/m	Grid 8 M4 20.22 dBV/m	Grid 9 M4 18.64 dBV/m



0 dB = 10.57 V/m = 20.48 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 9.444 V/m; Power Drift = -0.18 dB

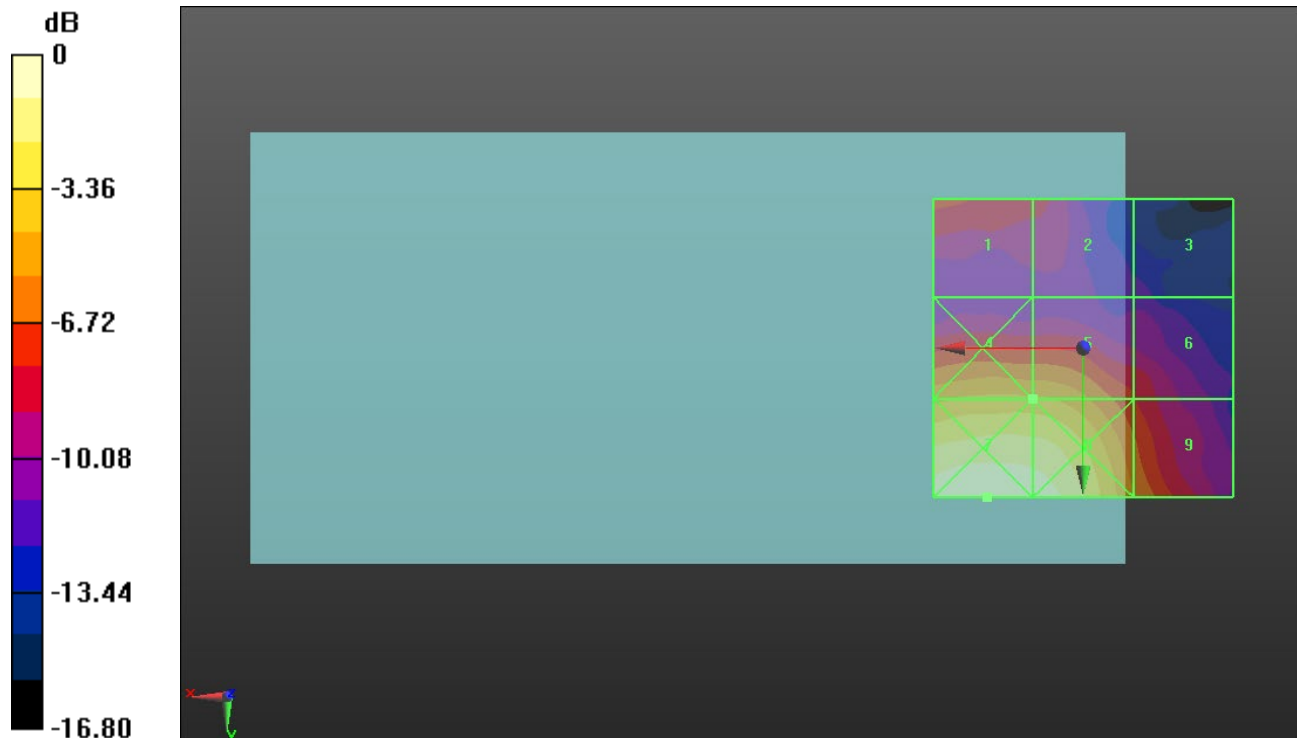
Applied MIF = -2.02 dB

RF audio interference level = 19.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.56 dBV/m	Grid 2 M4 15.27 dBV/m	Grid 3 M4 12.38 dBV/m
Grid 4 M4 19.86 dBV/m	Grid 5 M4 19.79 dBV/m	Grid 6 M4 16.3 dBV/m
Grid 7 M4 24.04 dBV/m	Grid 8 M4 23.68 dBV/m	Grid 9 M4 18.67 dBV/m



0 dB = 15.92 V/m = 24.04 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 9.936 V/m; Power Drift = -0.02 dB

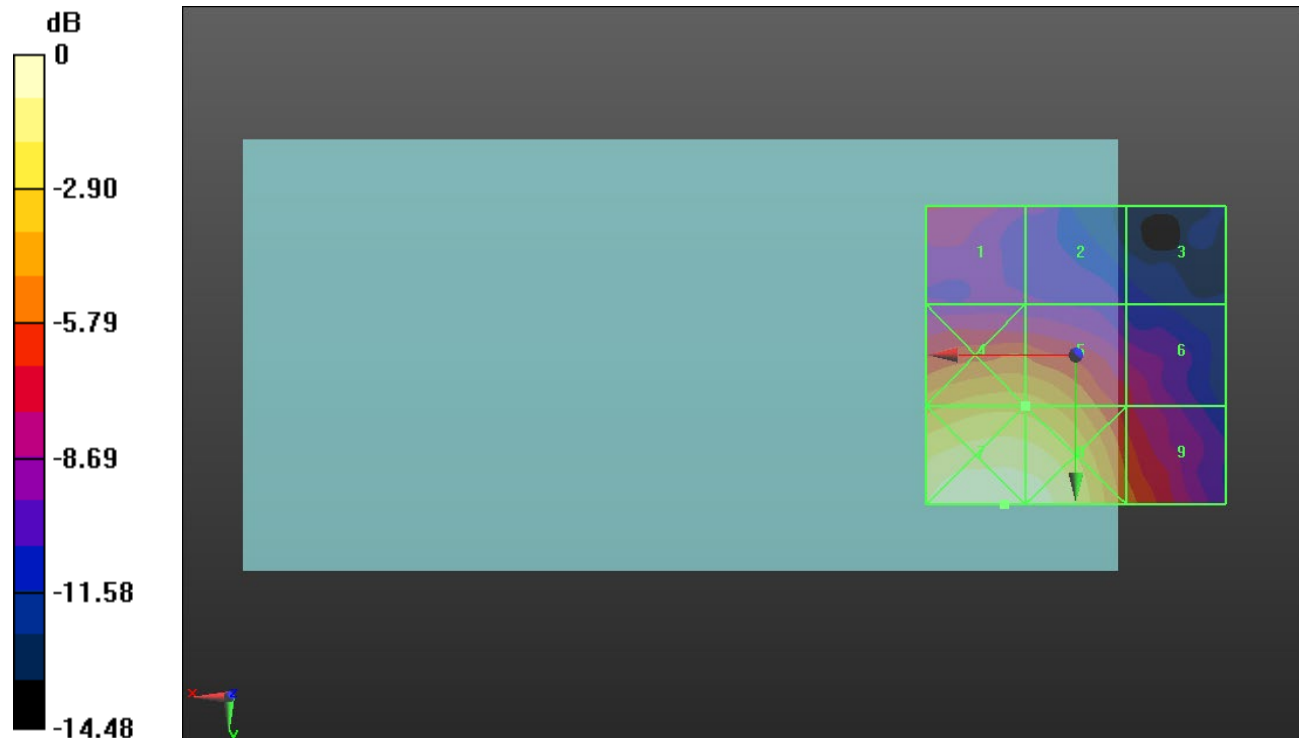
Applied MIF = -2.02 dB

RF audio interference level = 20.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.87 dBV/m	Grid 2 M4 14.18 dBV/m	Grid 3 M4 12.57 dBV/m
Grid 4 M4 20.2 dBV/m	Grid 5 M4 20.08 dBV/m	Grid 6 M4 16.01 dBV/m
Grid 7 M4 23.36 dBV/m	Grid 8 M4 23.15 dBV/m	Grid 9 M4 18.2 dBV/m



0 dB = 14.72 V/m = 23.36 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 10.29 V/m; Power Drift = 0.19 dB

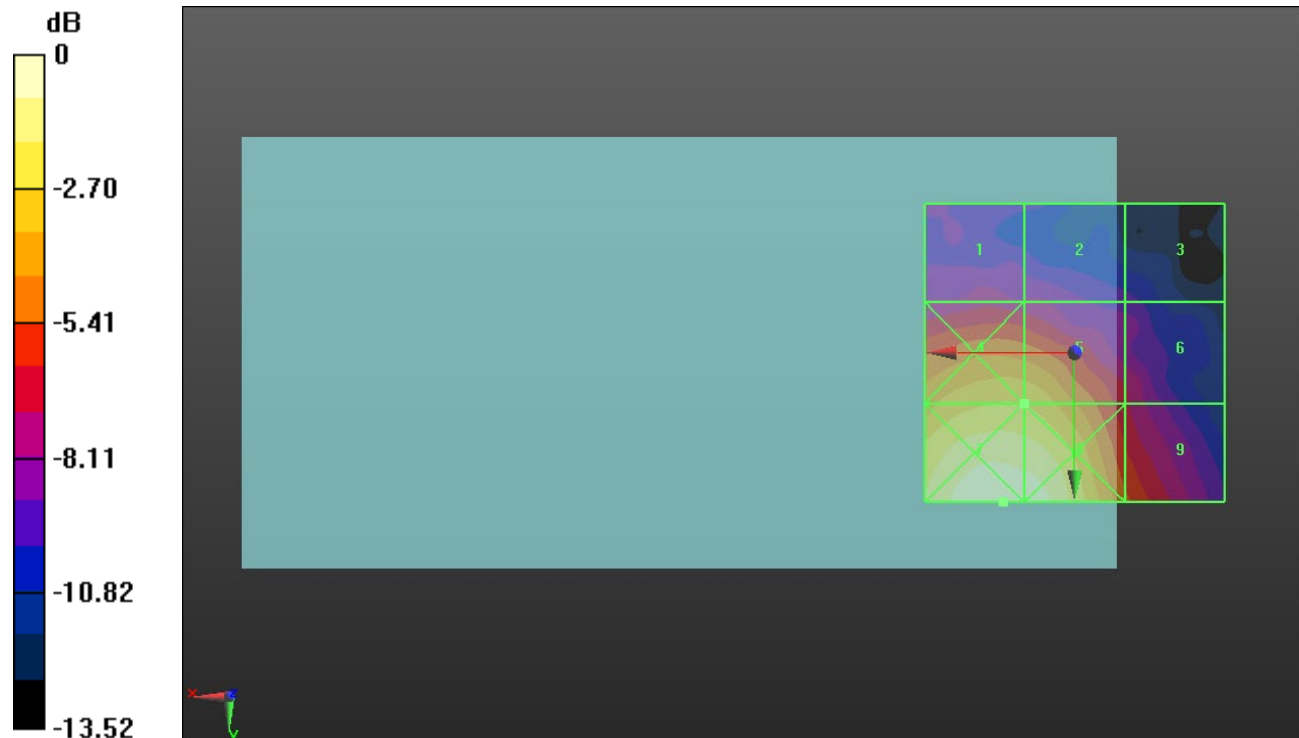
Applied MIF = -2.02 dB

RF audio interference level = 20.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.78 dBV/m	Grid 2 M4 15.26 dBV/m	Grid 3 M4 13.69 dBV/m
Grid 4 M4 20.51 dBV/m	Grid 5 M4 20.39 dBV/m	Grid 6 M4 16.15 dBV/m
Grid 7 M4 23.14 dBV/m	Grid 8 M4 22.96 dBV/m	Grid 9 M4 17.99 dBV/m



0 dB = 14.36 V/m = 23.14 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 8.342 V/m; Power Drift = 0.19 dB

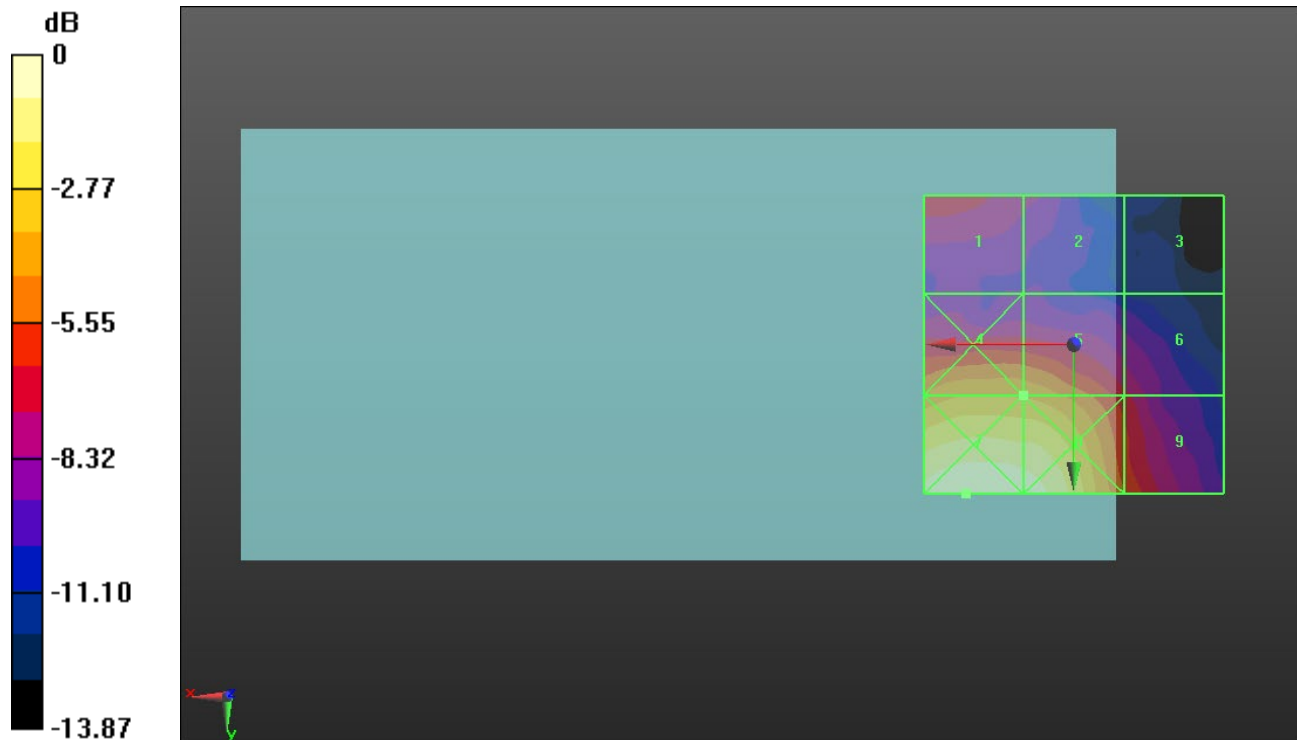
Applied MIF = 0.12 dB

RF audio interference level = 21.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.25 dBV/m	Grid 2 M4 16.8 dBV/m	Grid 3 M4 13.81 dBV/m
Grid 4 M4 21.28 dBV/m	Grid 5 M4 21.15 dBV/m	Grid 6 M4 17.85 dBV/m
Grid 7 M4 24.96 dBV/m	Grid 8 M4 24.6 dBV/m	Grid 9 M4 19.55 dBV/m



0 dB = 17.70 V/m = 24.96 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 9.562 V/m; Power Drift = 0.15 dB

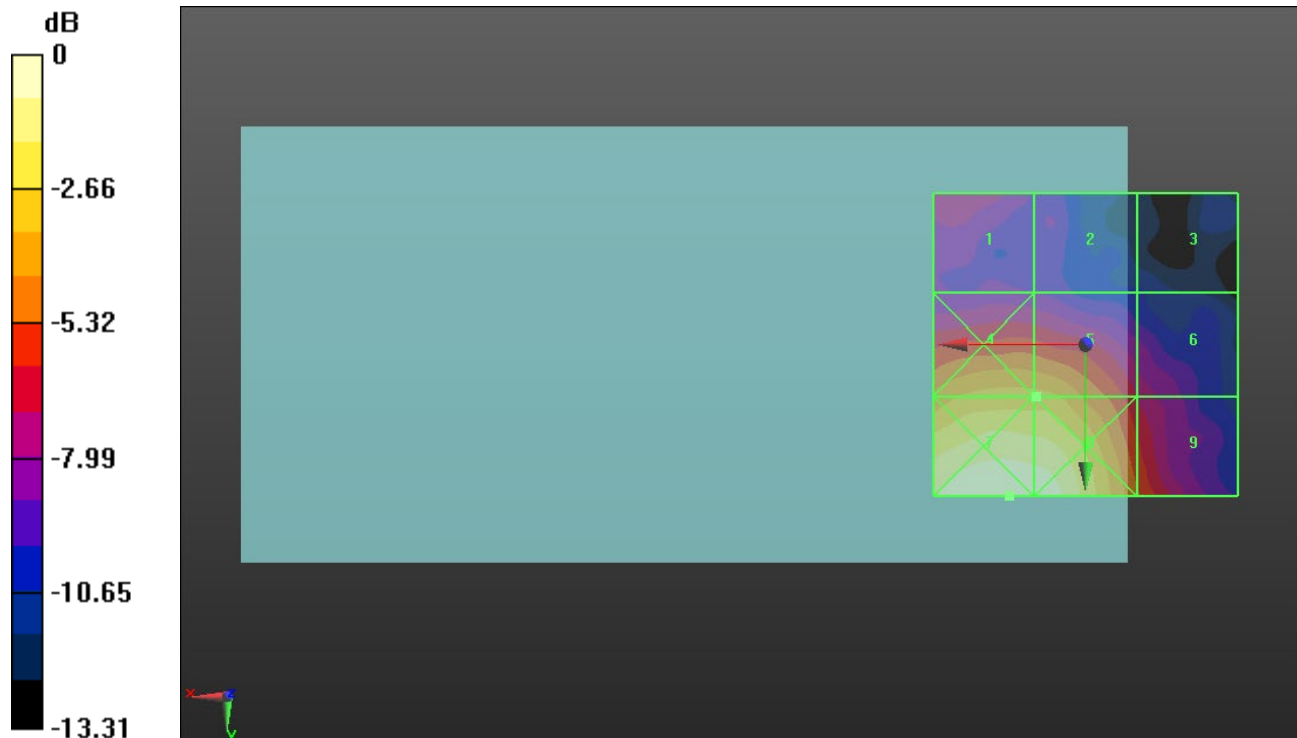
Applied MIF = 0.12 dB

RF audio interference level = 21.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.54 dBV/m	Grid 2 M4 16.08 dBV/m	Grid 3 M4 14.36 dBV/m
Grid 4 M4 21.65 dBV/m	Grid 5 M4 21.58 dBV/m	Grid 6 M4 17.72 dBV/m
Grid 7 M4 24.83 dBV/m	Grid 8 M4 24.66 dBV/m	Grid 9 M4 19.74 dBV/m



0 dB = 17.45 V/m = 24.84 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 9.983 V/m; Power Drift = 0.06 dB

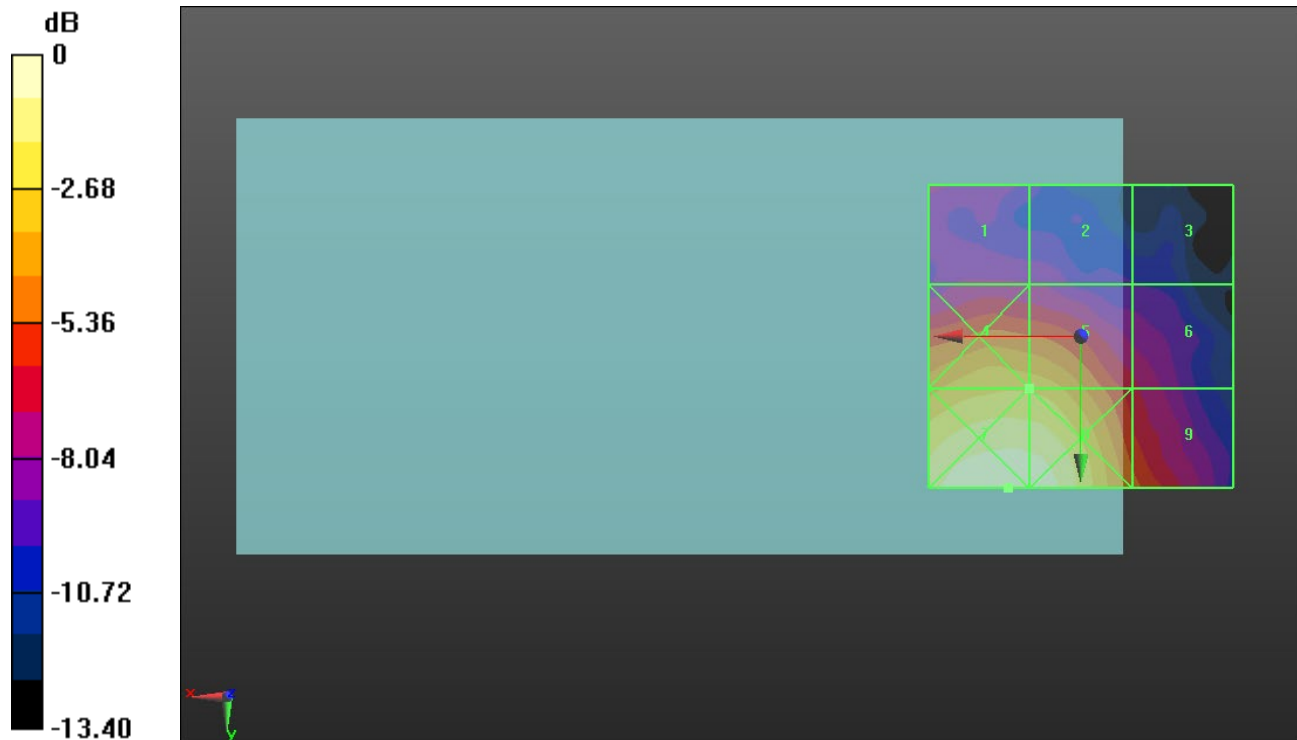
Applied MIF = 0.12 dB

RF audio interference level = 22.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.32 dBV/m	Grid 2 M4 17.12 dBV/m	Grid 3 M4 15.36 dBV/m
Grid 4 M4 22.27 dBV/m	Grid 5 M4 22.16 dBV/m	Grid 6 M4 18.19 dBV/m
Grid 7 M4 25.03 dBV/m	Grid 8 M4 24.88 dBV/m	Grid 9 M4 20.13 dBV/m



0 dB = 17.85 V/m = 25.03 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 40/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 = 6.219 V/m; Power Drift = 0.19 dB

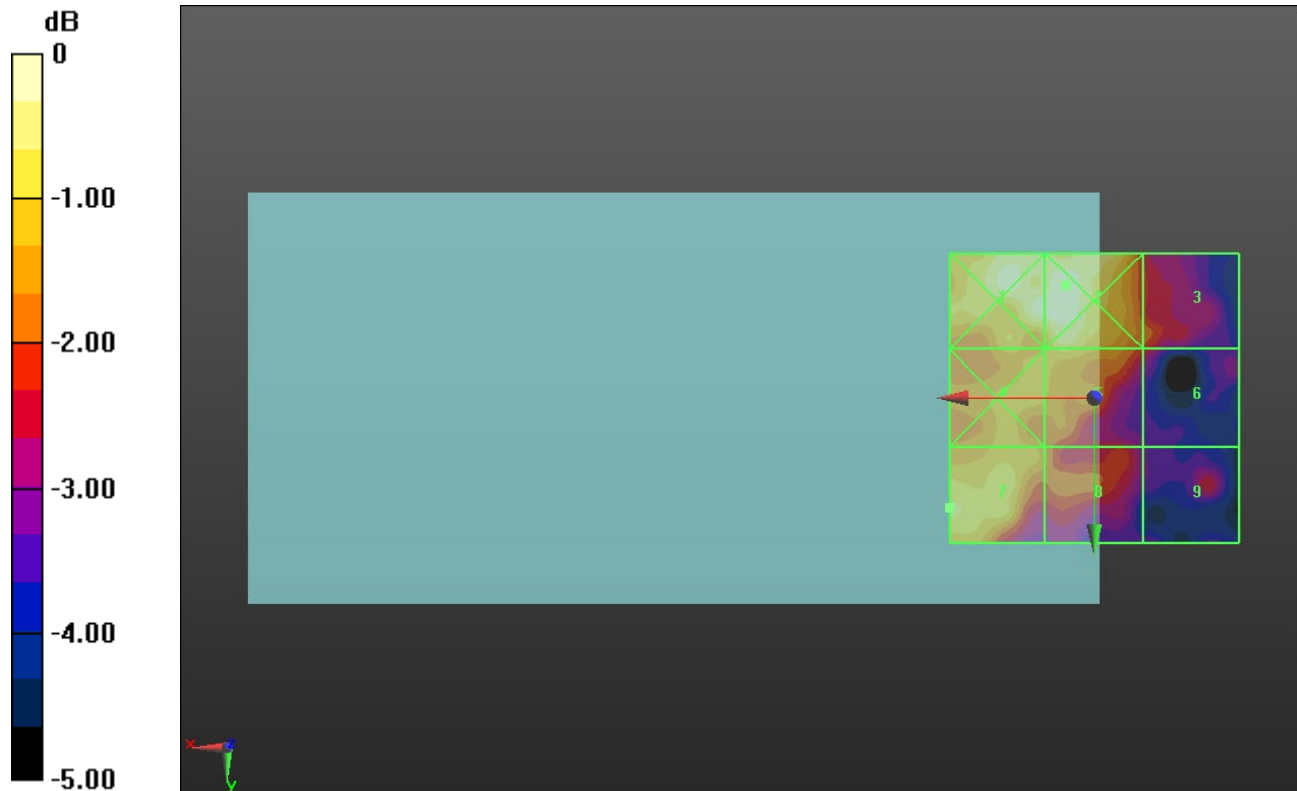
Applied MIF = -3.15 dB

RF audio interference level = 12.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.86 dBV/m	Grid 2 M4 12.94 dBV/m	Grid 3 M4 11.16 dBV/m
Grid 4 M4 11.85 dBV/m	Grid 5 M4 12.1 dBV/m	Grid 6 M4 10.72 dBV/m
Grid 7 M4 12.35 dBV/m	Grid 8 M4 11.38 dBV/m	Grid 9 M4 10.58 dBV/m



0 dB = 4.434 V/m = 12.94 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 44/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 = 6.608 V/m; Power Drift = -0.18 dB

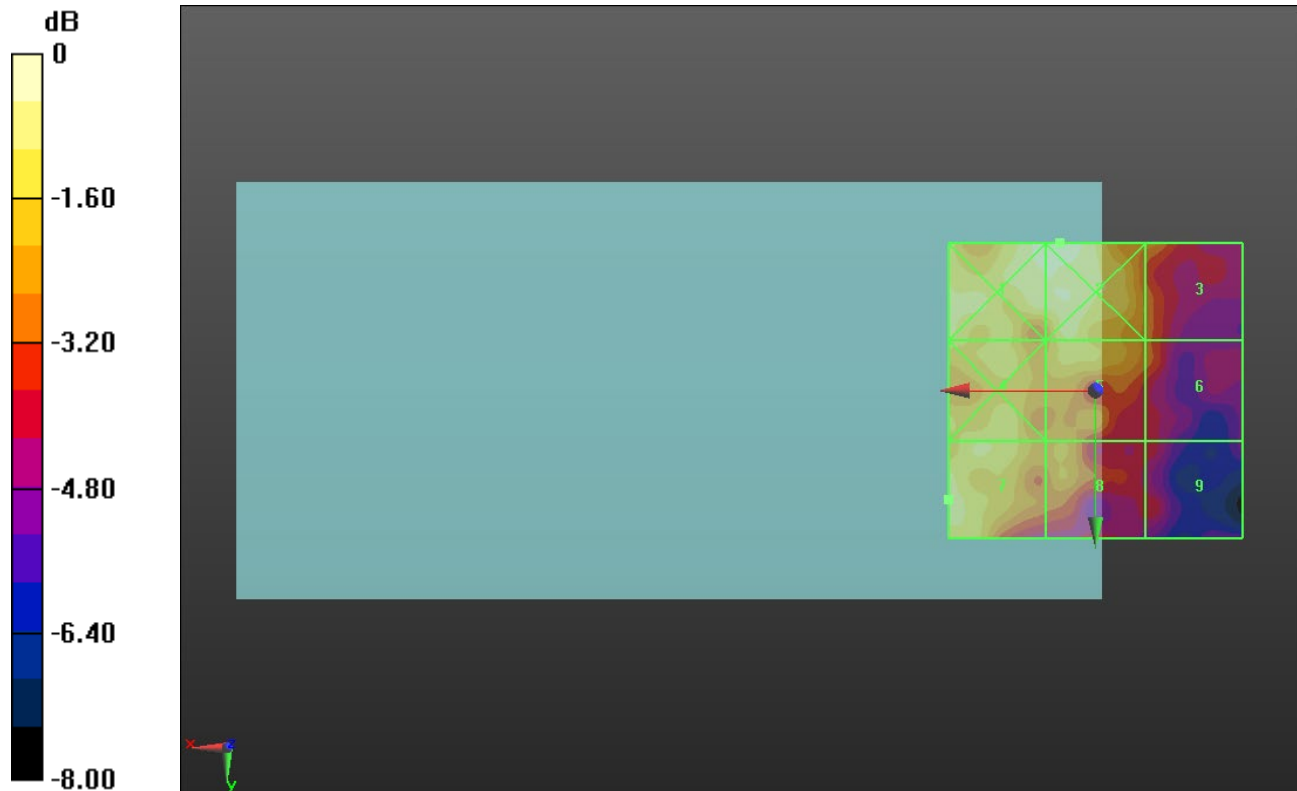
Applied MIF = -3.15 dB

RF audio interference level = 12.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.64 dBV/m	Grid 2 M4 12.84 dBV/m	Grid 3 M4 10.47 dBV/m
Grid 4 M4 11.77 dBV/m	Grid 5 M4 11.72 dBV/m	Grid 6 M4 10.02 dBV/m
Grid 7 M4 12.16 dBV/m	Grid 8 M4 10.87 dBV/m	Grid 9 M4 9.08 dBV/m



0 dB = 4.388 V/m = 12.85 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 48/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 = 7.106 V/m; Power Drift = -0.12 dB

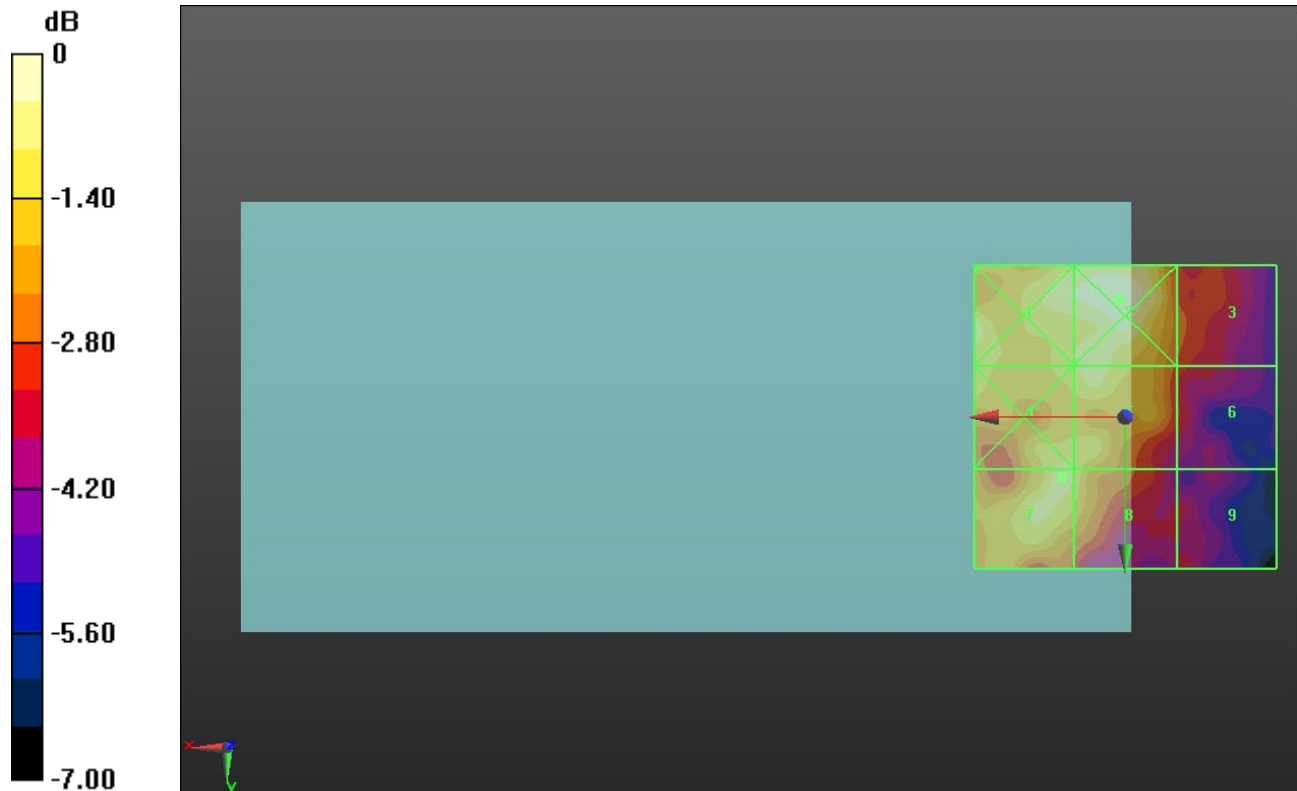
Applied MIF = -3.15 dB

RF audio interference level = 12.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.22 dBV/m	Grid 2 M4 13.61 dBV/m	Grid 3 M4 11.14 dBV/m
Grid 4 M4 12.86 dBV/m	Grid 5 M4 12.93 dBV/m	Grid 6 M4 10.73 dBV/m
Grid 7 M4 12.99 dBV/m	Grid 8 M4 12.69 dBV/m	Grid 9 M4 10.13 dBV/m



0 dB = 4.792 V/m = 13.61 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 52/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 = 6.634 V/m; Power Drift = -0.20 dB

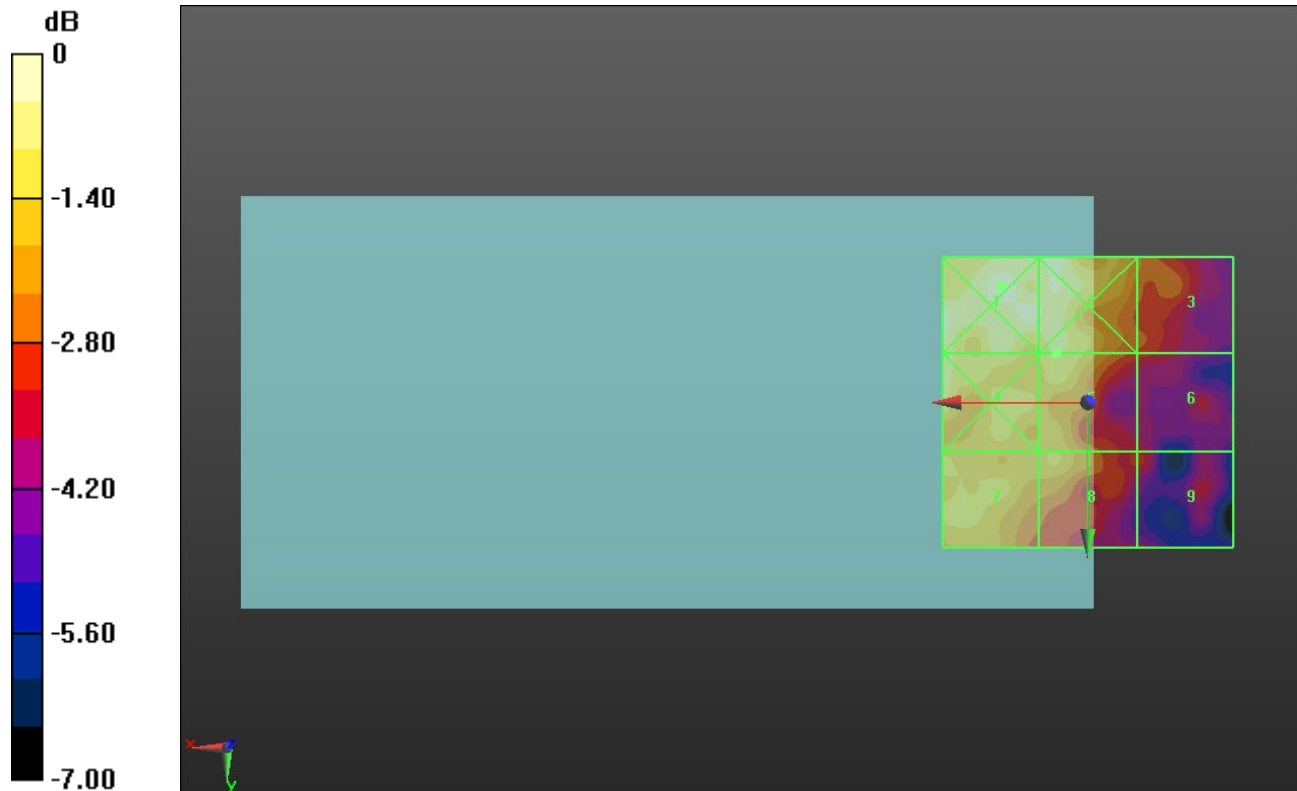
Applied MIF = -3.15 dB

RF audio interference level = 12.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.51 dBV/m	Grid 2 M4 13.24 dBV/m	Grid 3 M4 11.34 dBV/m
Grid 4 M4 13.08 dBV/m	Grid 5 M4 12.6 dBV/m	Grid 6 M4 10.56 dBV/m
Grid 7 M4 12.34 dBV/m	Grid 8 M4 12.21 dBV/m	Grid 9 M4 10.4 dBV/m



0 dB = 4.738 V/m = 13.51 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 56/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 = 6.392 V/m; Power Drift = -0.03 dB

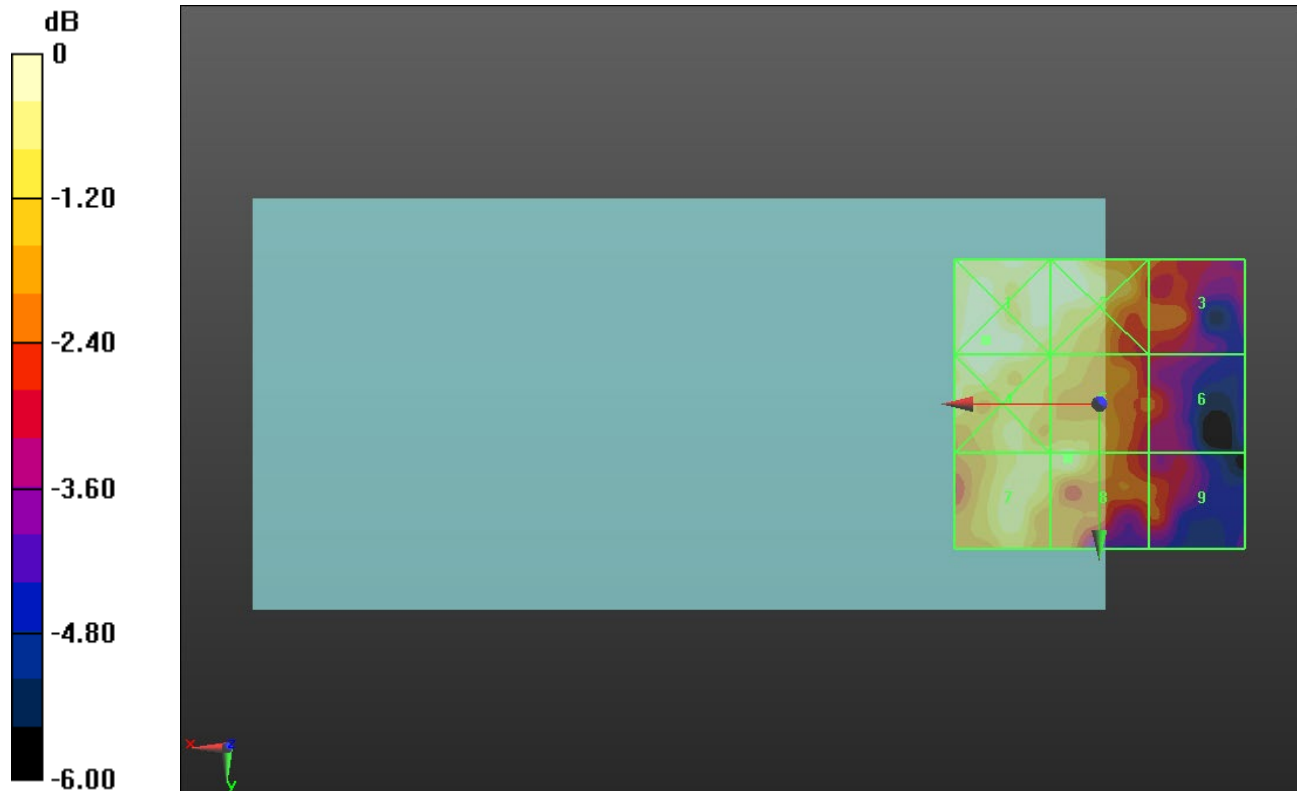
Applied MIF = -3.15 dB

RF audio interference level = 12.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.07 dBV/m	Grid 2 M4 13.07 dBV/m	Grid 3 M4 11.02 dBV/m
Grid 4 M4 12.95 dBV/m	Grid 5 M4 12.57 dBV/m	Grid 6 M4 10.79 dBV/m
Grid 7 M4 12.67 dBV/m	Grid 8 M4 12.73 dBV/m	Grid 9 M4 10.83 dBV/m



0 dB = 4.503 V/m = 13.07 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 60/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 = 6.289 V/m; Power Drift = -0.09 dB

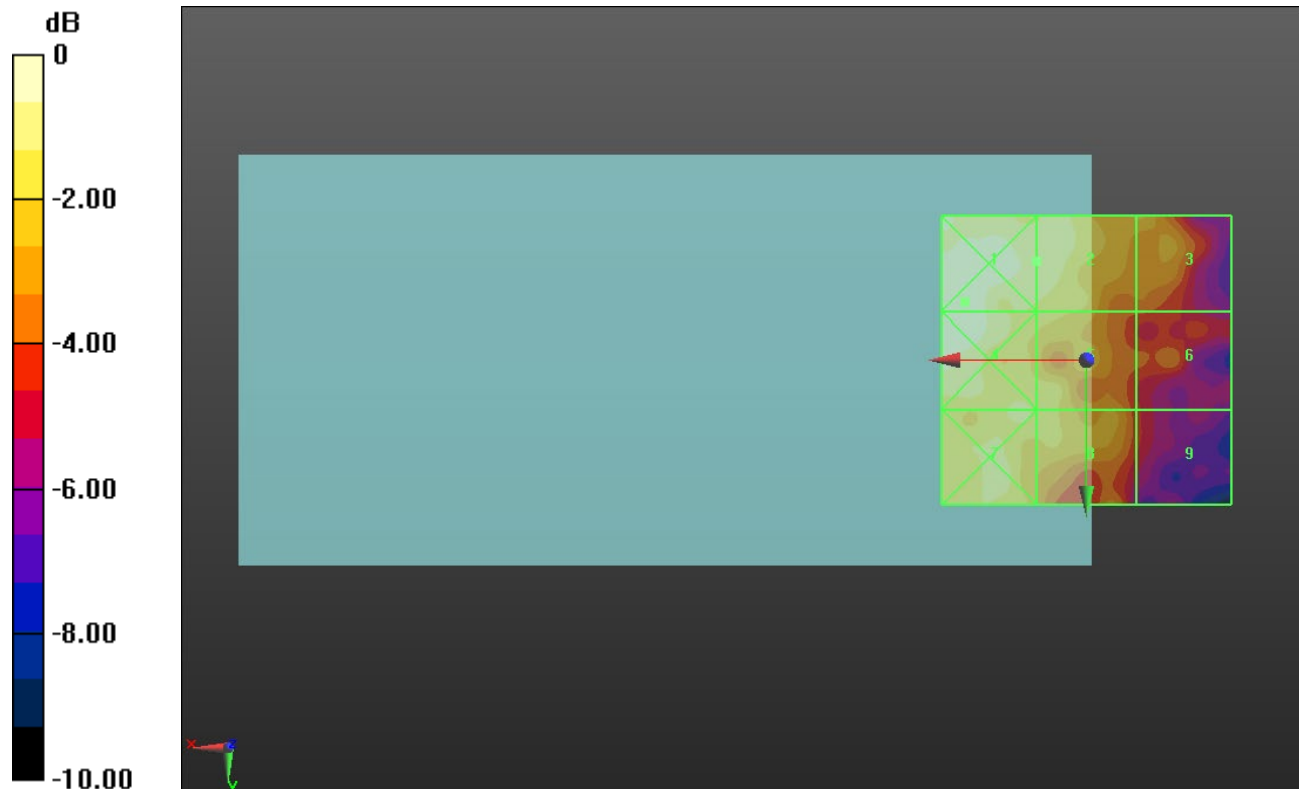
Applied MIF = -3.15 dB

RF audio interference level = 11.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.75 dBV/m	Grid 2 M4 11.9 dBV/m	Grid 3 M4 10.96 dBV/m
Grid 4 M4 12.7 dBV/m	Grid 5 M4 11.34 dBV/m	Grid 6 M4 9.38 dBV/m
Grid 7 M4 11.99 dBV/m	Grid 8 M4 11.34 dBV/m	Grid 9 M4 8.52 dBV/m



0 dB = 4.339 V/m = 12.75 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 104/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 = 6.799 V/m; Power Drift = 0.04 dB

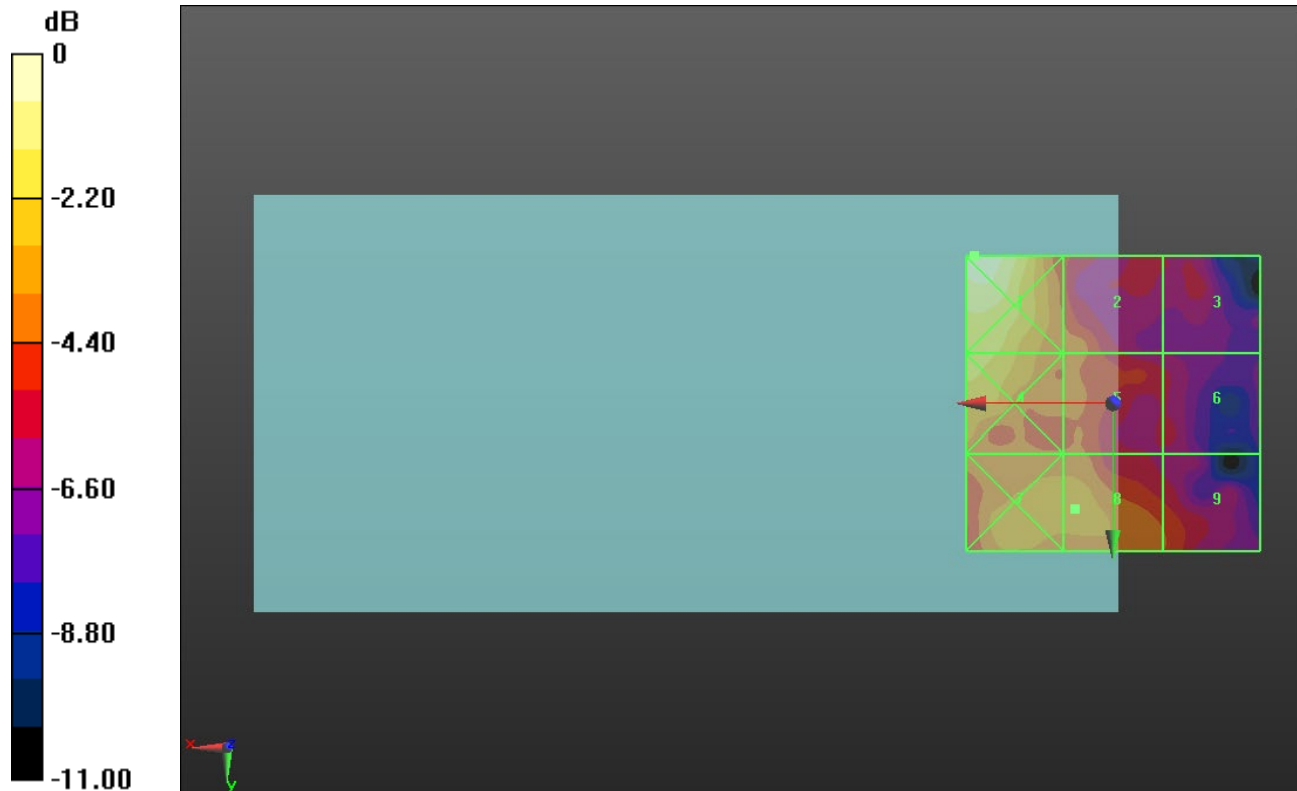
Applied MIF = -3.15 dB

RF audio interference level = 13.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.41 dBV/m	Grid 2 M4 12.29 dBV/m	Grid 3 M4 11.01 dBV/m
Grid 4 M4 14.48 dBV/m	Grid 5 M4 12.38 dBV/m	Grid 6 M4 10.87 dBV/m
Grid 7 M4 13.49 dBV/m	Grid 8 M4 13.15 dBV/m	Grid 9 M4 12.12 dBV/m



0 dB = 6.617 V/m = 16.41 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 124/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 = 6.965 V/m; Power Drift = -0.04 dB

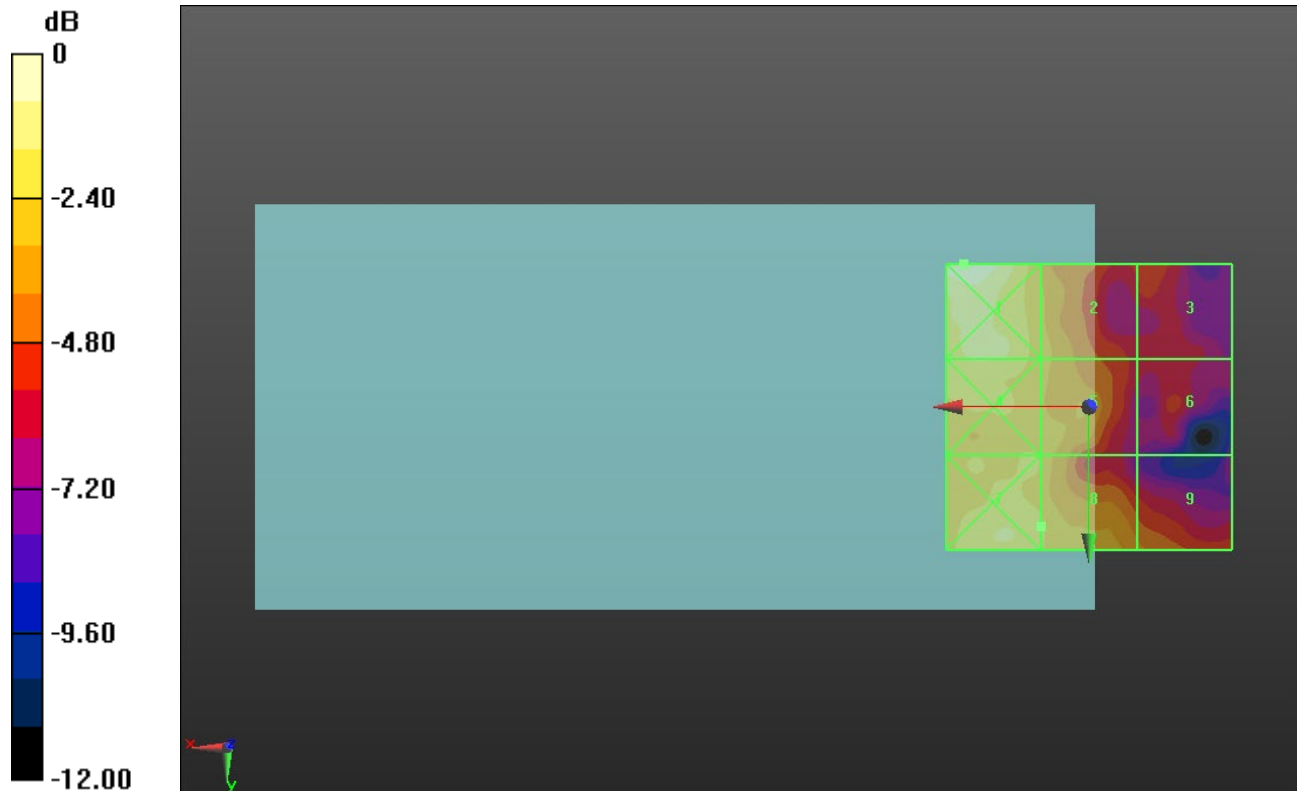
Applied MIF = -3.15 dB

RF audio interference level = 12.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.1 dBV/m	Grid 2 M4 12.33 dBV/m	Grid 3 M4 9.76 dBV/m
Grid 4 M4 13.61 dBV/m	Grid 5 M4 12.6 dBV/m	Grid 6 M4 9.88 dBV/m
Grid 7 M4 13.55 dBV/m	Grid 8 M4 12.92 dBV/m	Grid 9 M4 11.36 dBV/m



0 dB = 5.690 V/m = 15.10 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 144/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 = 6.309 V/m; Power Drift = -0.03 dB

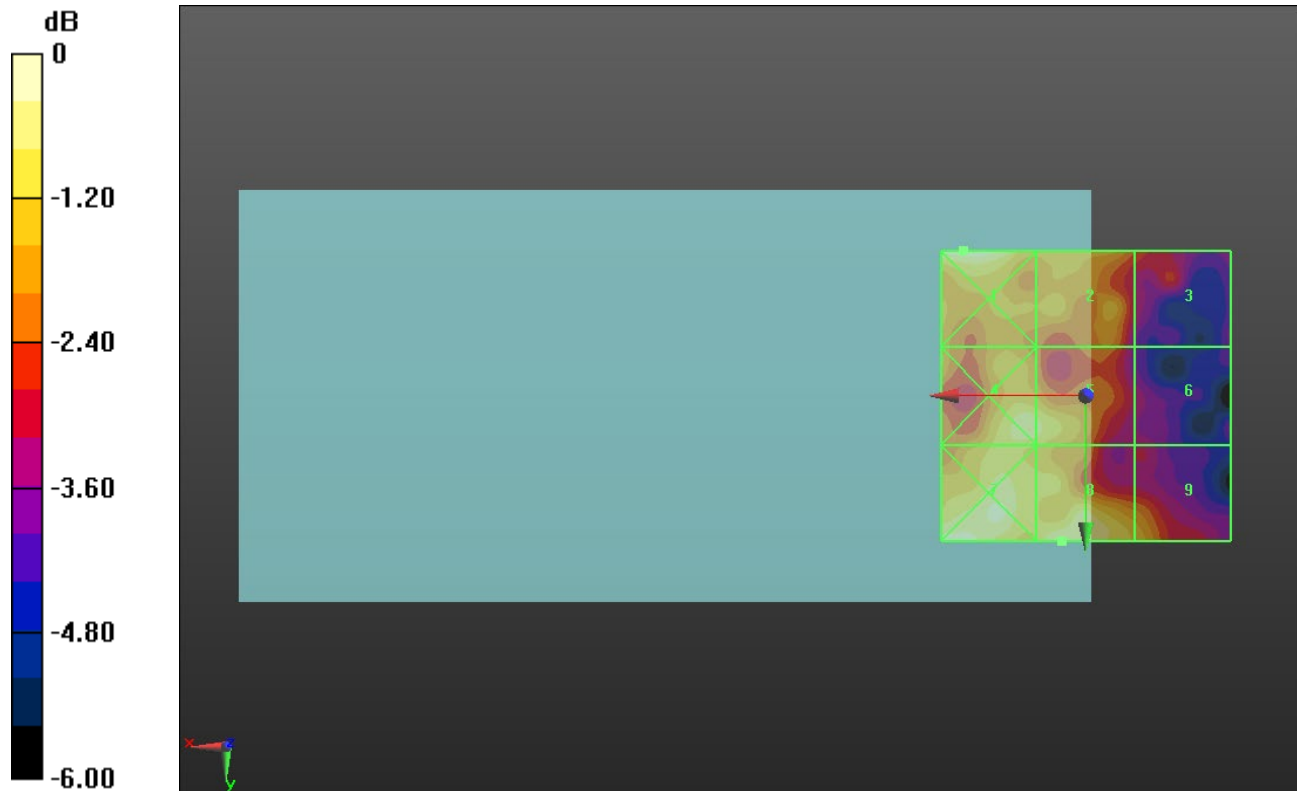
Applied MIF = -3.15 dB

RF audio interference level = 13.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.56 dBV/m	Grid 2 M4 12.33 dBV/m	Grid 3 M4 11.19 dBV/m
Grid 4 M4 13.14 dBV/m	Grid 5 M4 12.98 dBV/m	Grid 6 M4 10.29 dBV/m
Grid 7 M4 13.38 dBV/m	Grid 8 M4 13.24 dBV/m	Grid 9 M4 12.29 dBV/m



0 dB = 4.762 V/m = 13.56 dBV/m

HAC-RF Emission ANT5

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 149/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.275 V/m; Power Drift = 0.09 dB

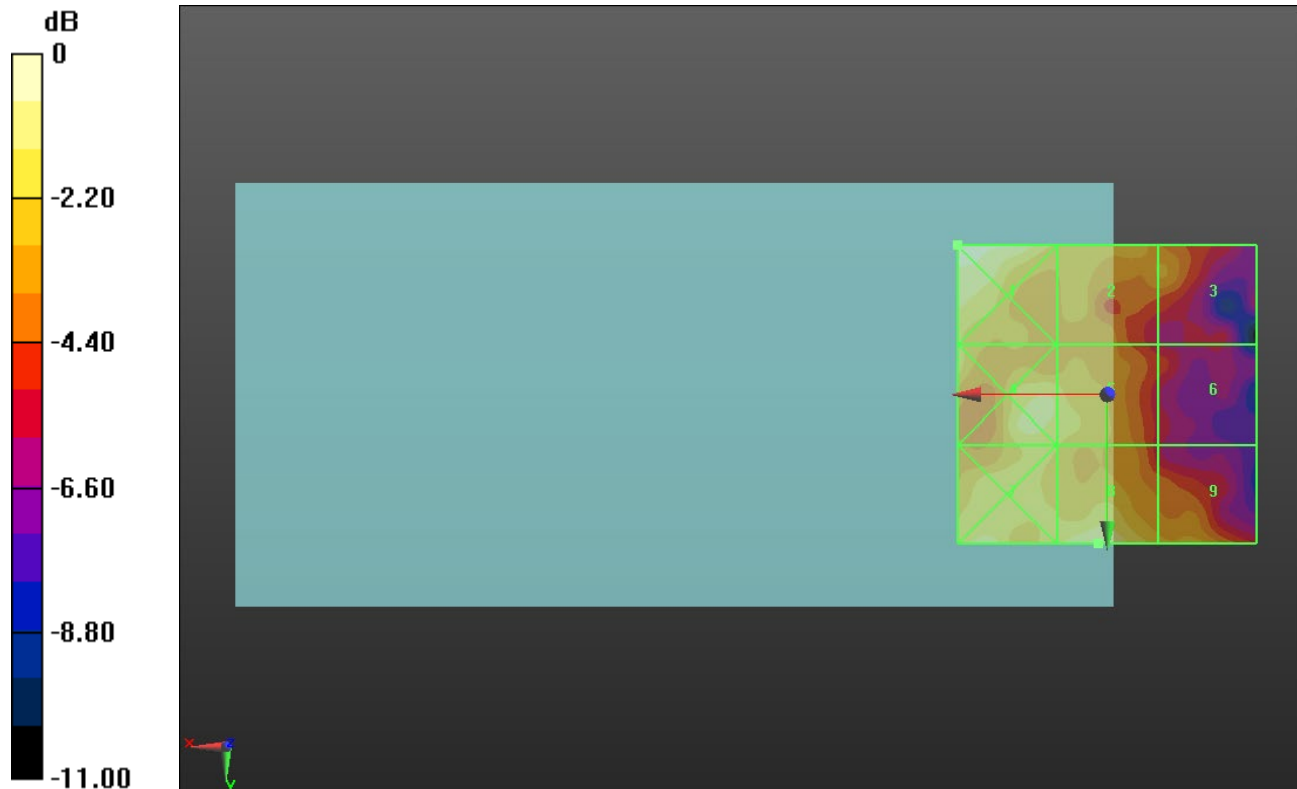
Applied MIF = -3.15 dB

RF audio interference level = 12.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.41 dBV/m	Grid 2 M4 11.16 dBV/m	Grid 3 M4 10.62 dBV/m
Grid 4 M4 12.2 dBV/m	Grid 5 M4 11.88 dBV/m	Grid 6 M4 8.62 dBV/m
Grid 7 M4 12.31 dBV/m	Grid 8 M4 12.73 dBV/m	Grid 9 M4 10.96 dBV/m



0 dB = 4.683 V/m = 13.41 dBV/m

HAC-RF Emission ANT5

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.064 V/m; Power Drift = 0.10 dB

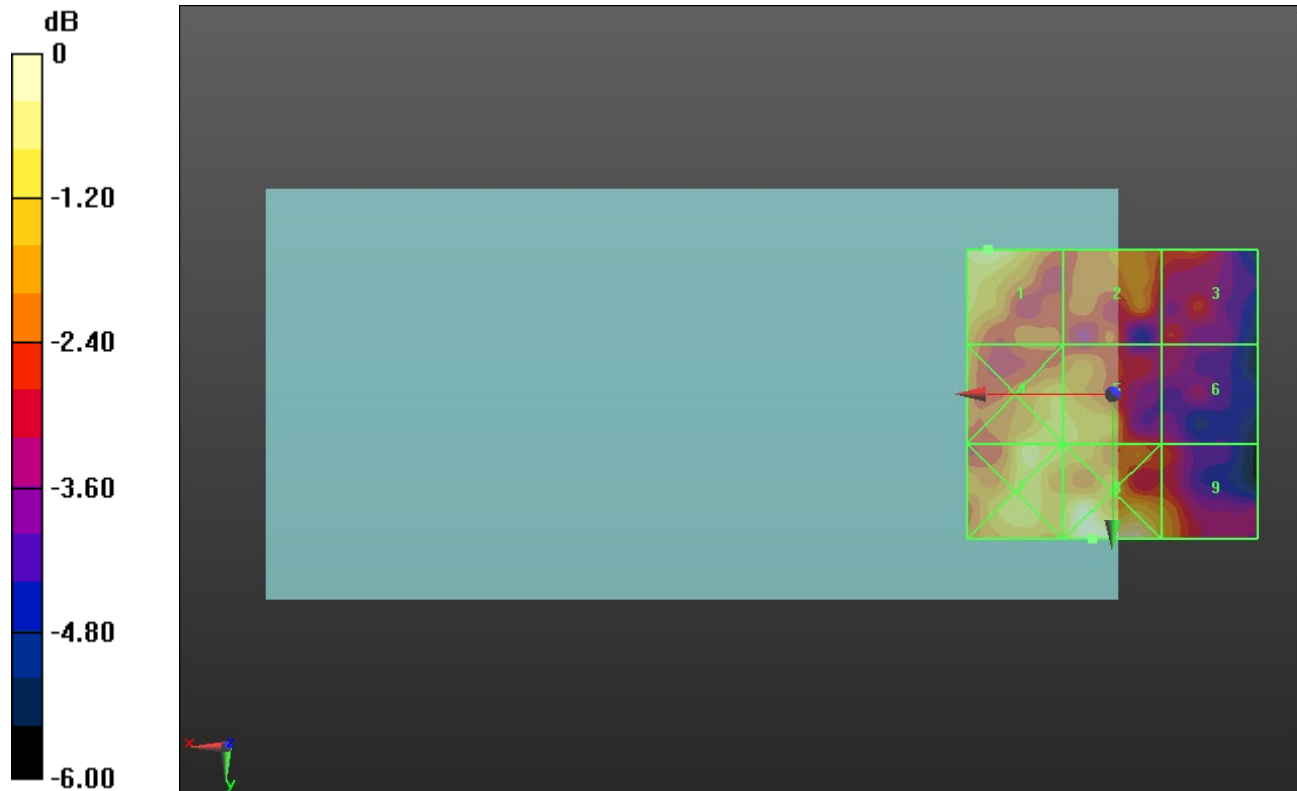
Applied MIF = -3.15 dB

RF audio interference level = 12.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.71 dBV/m	Grid 2 M4 11.32 dBV/m	Grid 3 M4 10.8 dBV/m
Grid 4 M4 12.11 dBV/m	Grid 5 M4 11.89 dBV/m	Grid 6 M4 10.01 dBV/m
Grid 7 M4 12.36 dBV/m	Grid 8 M4 12.95 dBV/m	Grid 9 M4 11.51 dBV/m



0 dB = 4.442 V/m = 12.95 dBV/m

HAC-RF Emission ANT5

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 5.962 V/m; Power Drift = -0.18 dB

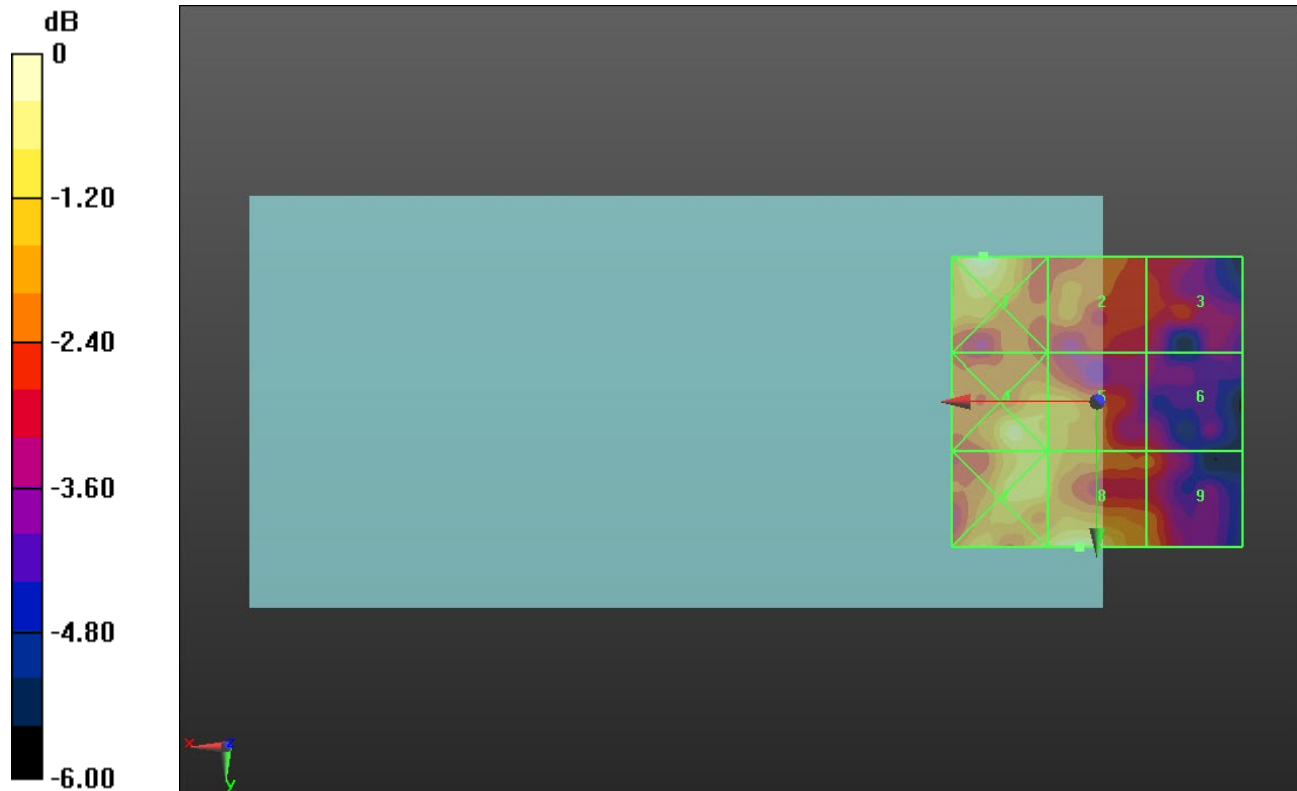
Applied MIF = -3.15 dB

RF audio interference level = 13.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.38 dBV/m	Grid 2 M4 11.58 dBV/m	Grid 3 M4 10.9 dBV/m
Grid 4 M4 12.75 dBV/m	Grid 5 M4 12.23 dBV/m	Grid 6 M4 10.83 dBV/m
Grid 7 M4 12.53 dBV/m	Grid 8 M4 13.12 dBV/m	Grid 9 M4 11.5 dBV/m



0 dB = 4.664 V/m = 13.38 dBV/m

HAC-RF Emission ANT6

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 16.58 V/m; Power Drift = -0.12 dB

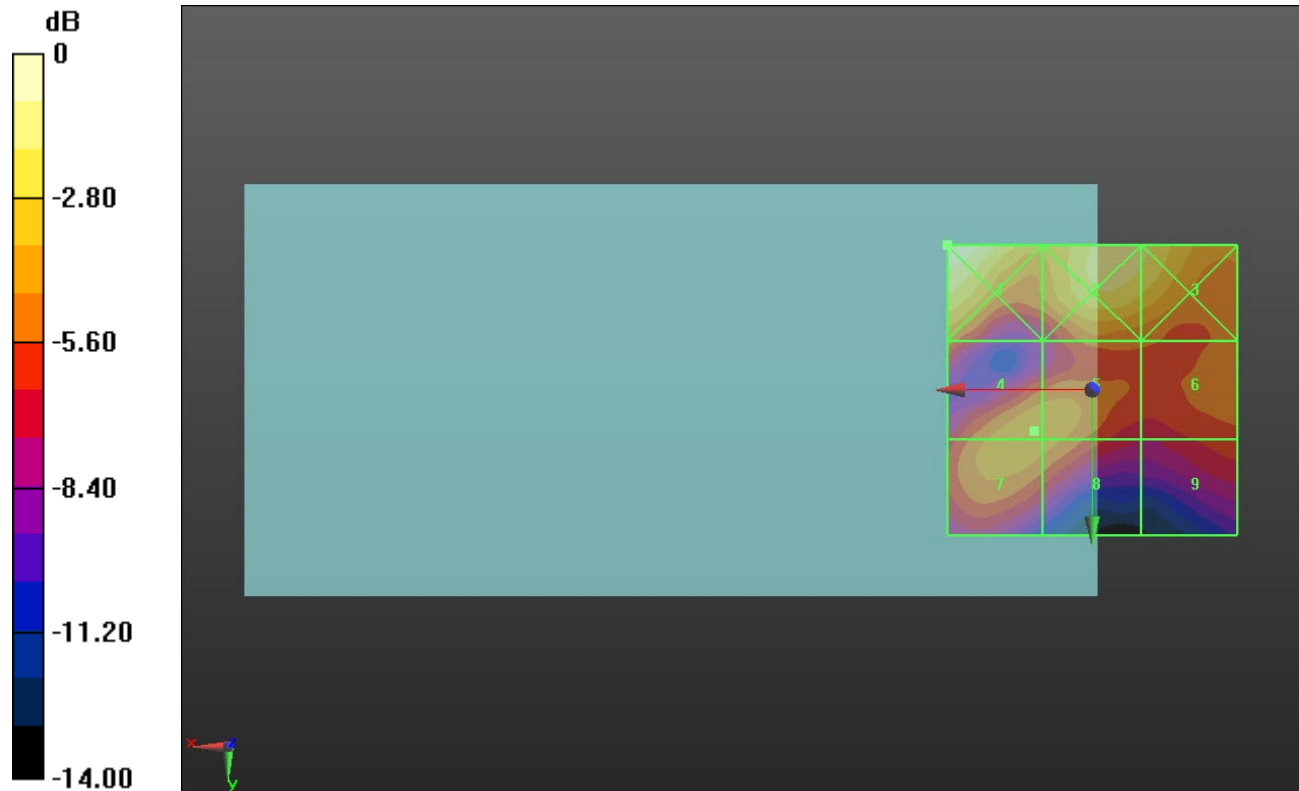
Applied MIF = -3.15 dB

RF audio interference level = 19.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.44 dBV/m	Grid 2 M4 22.1 dBV/m	Grid 3 M4 21.81 dBV/m
Grid 4 M4 19.56 dBV/m	Grid 5 M4 19.55 dBV/m	Grid 6 M4 18.59 dBV/m
Grid 7 M4 19.48 dBV/m	Grid 8 M4 19.32 dBV/m	Grid 9 M4 17.58 dBV/m



0 dB = 14.86 V/m = 23.44 dBV/m

HAC-RF Emission ANT6

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 16.98 V/m; Power Drift = -0.13 dB

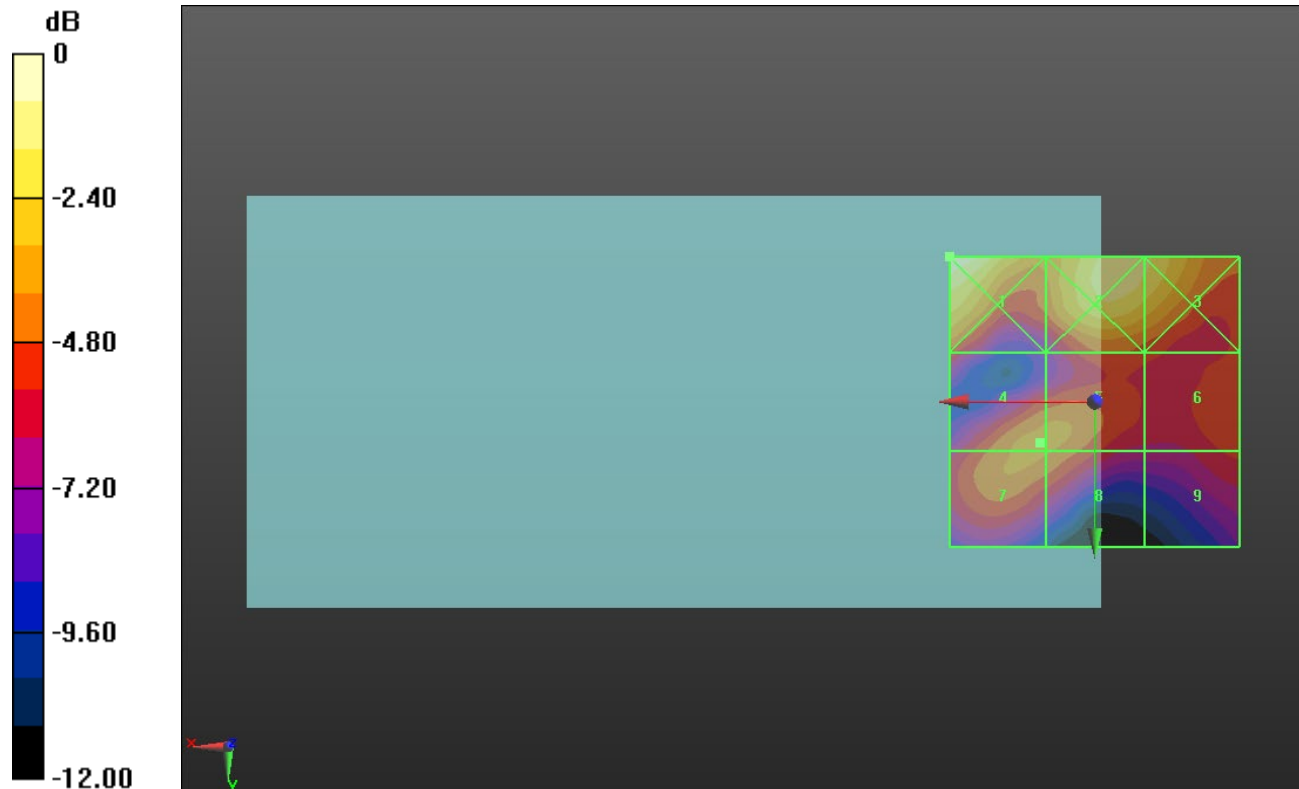
Applied MIF = -3.15 dB

RF audio interference level = 19.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.41 dBV/m	Grid 2 M4 22.31 dBV/m	Grid 3 M4 22.01 dBV/m
Grid 4 M4 19.75 dBV/m	Grid 5 M4 19.75 dBV/m	Grid 6 M4 18.65 dBV/m
Grid 7 M4 19.67 dBV/m	Grid 8 M4 19.56 dBV/m	Grid 9 M4 18.05 dBV/m



0 dB = 14.81 V/m = 23.41 dBV/m

HAC-RF Emission ANT6

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 17.66 V/m; Power Drift = -0.14 dB

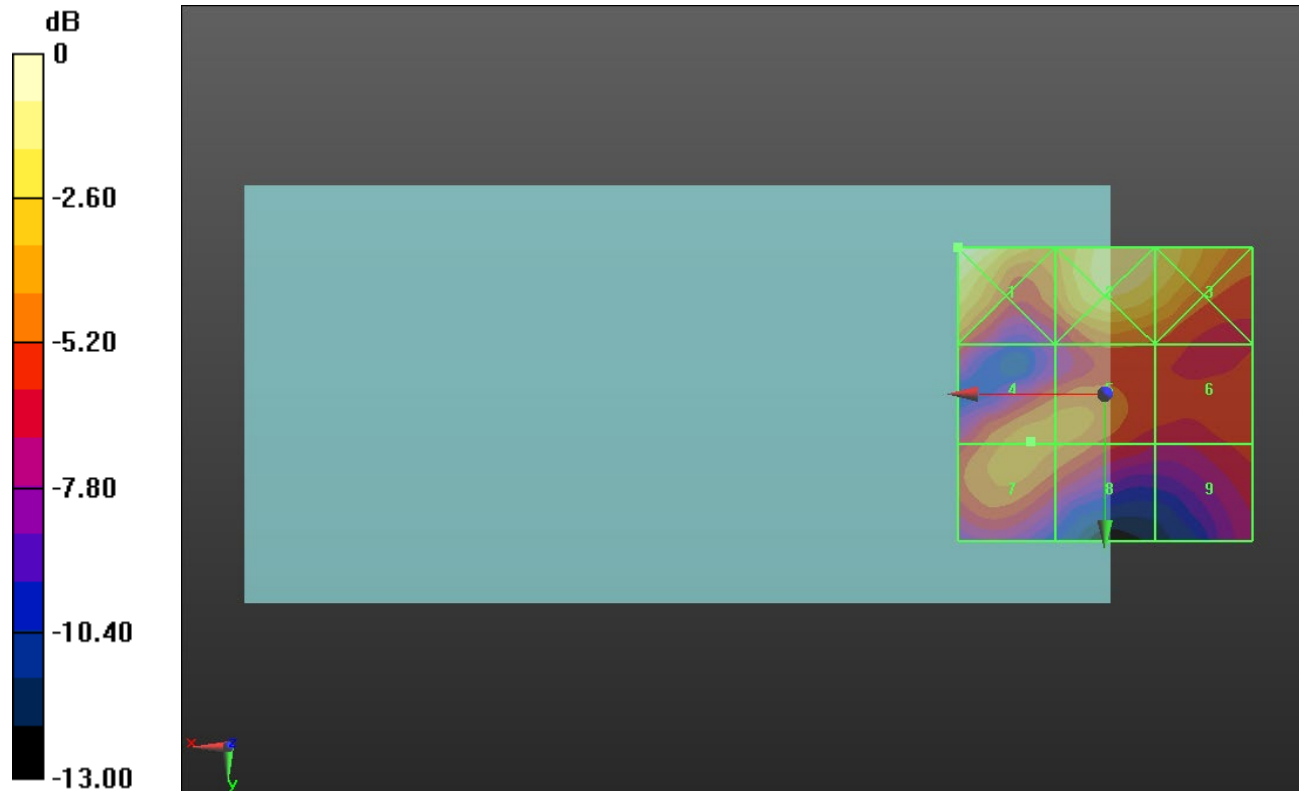
Applied MIF = -3.15 dB

RF audio interference level = 19.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.56 dBV/m	Grid 2 M4 22.5 dBV/m	Grid 3 M4 21.98 dBV/m
Grid 4 M4 19.69 dBV/m	Grid 5 M4 19.66 dBV/m	Grid 6 M4 18.24 dBV/m
Grid 7 M4 19.68 dBV/m	Grid 8 M4 19.45 dBV/m	Grid 9 M4 17.84 dBV/m



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

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 8.209 V/m; Power Drift = 0.18 dB

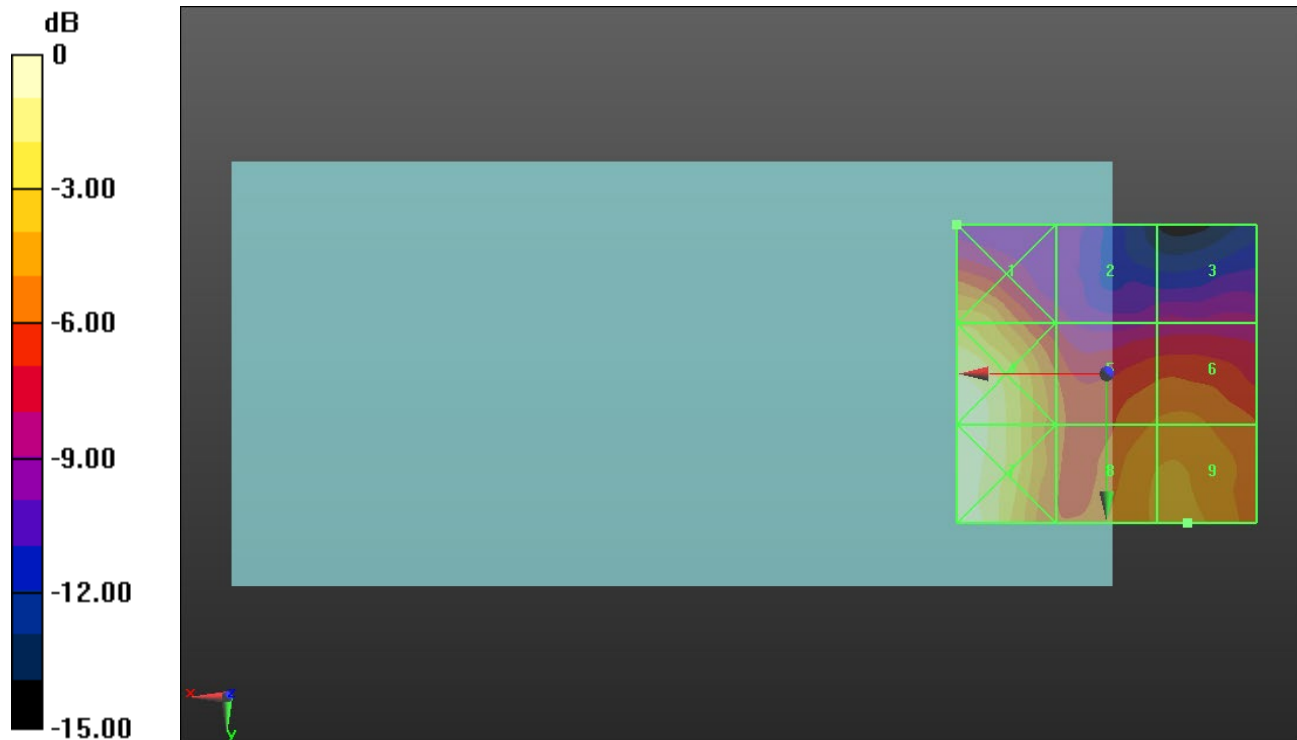
Applied MIF = -1.44 dB

RF audio interference level = 20.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.57 dBV/m	Grid 2 M4 15.64 dBV/m	Grid 3 M4 15.26 dBV/m
Grid 4 M4 23.74 dBV/m	Grid 5 M4 18.93 dBV/m	Grid 6 M4 19.08 dBV/m
Grid 7 M4 23.72 dBV/m	Grid 8 M4 19.88 dBV/m	Grid 9 M4 20 dBV/m



0 dB = 15.38 V/m = 23.74 dBV/m

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 8.704 V/m; Power Drift = 0.12 dB

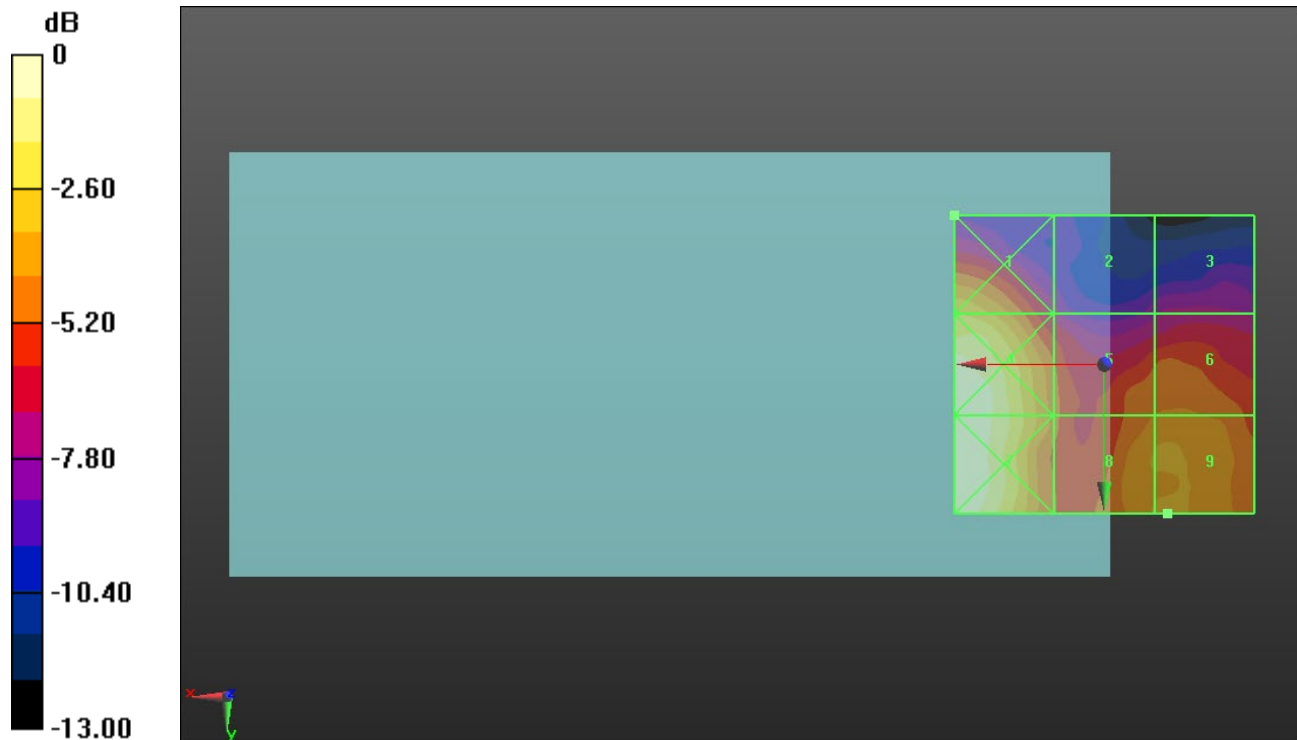
Applied MIF = -1.44 dB

RF audio interference level = 20.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.45 dBV/m	Grid 2 M4 16.86 dBV/m	Grid 3 M4 16.66 dBV/m
Grid 4 M4 23.99 dBV/m	Grid 5 M4 19.76 dBV/m	Grid 6 M4 19.91 dBV/m
Grid 7 M4 24.04 dBV/m	Grid 8 M4 20.76 dBV/m	Grid 9 M4 20.98 dBV/m



0 dB = 15.91 V/m = 24.03 dBV/m

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 8.158 V/m; Power Drift = -0.04 dB

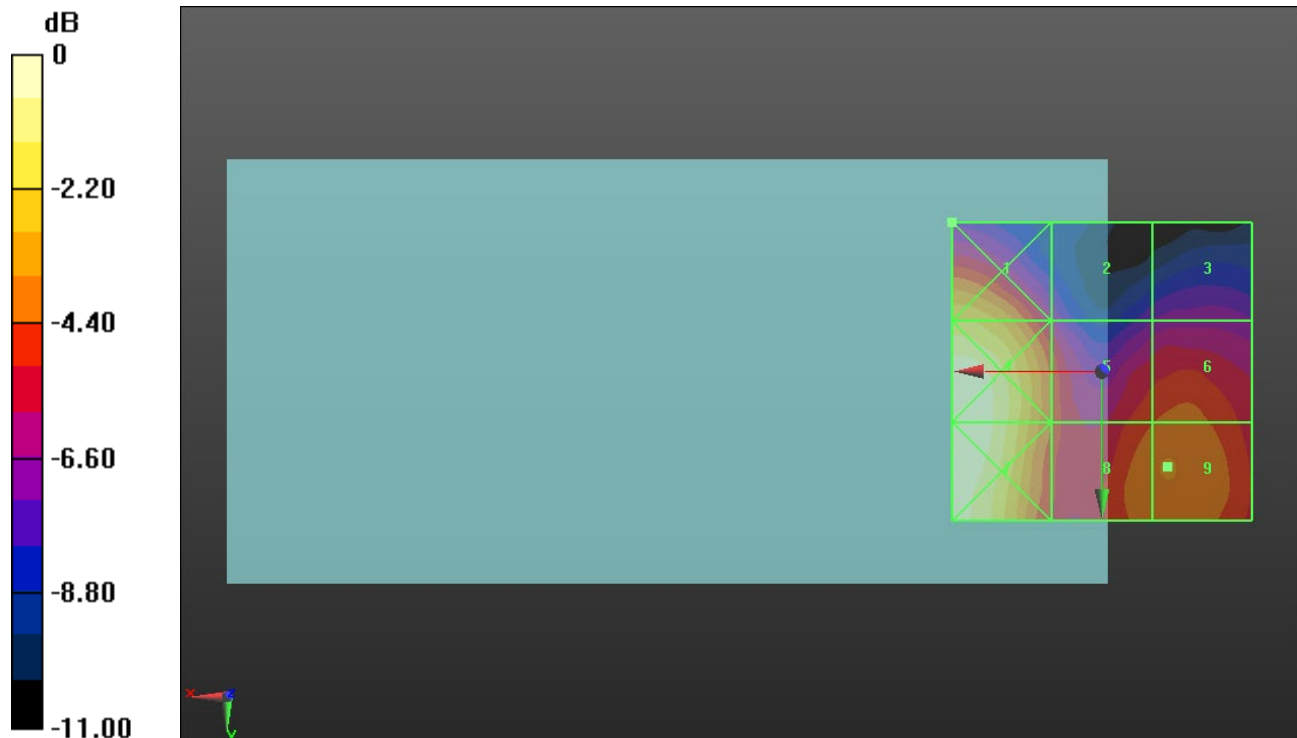
Applied MIF = -1.44 dB

RF audio interference level = 19.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.39 dBV/m	Grid 2 M4 17.22 dBV/m	Grid 3 M4 16.72 dBV/m
Grid 4 M4 23.52 dBV/m	Grid 5 M4 19.21 dBV/m	Grid 6 M4 19.39 dBV/m
Grid 7 M4 23.52 dBV/m	Grid 8 M4 19.76 dBV/m	Grid 9 M4 19.91 dBV/m



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

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 6.885 V/m; Power Drift = 0.04 dB

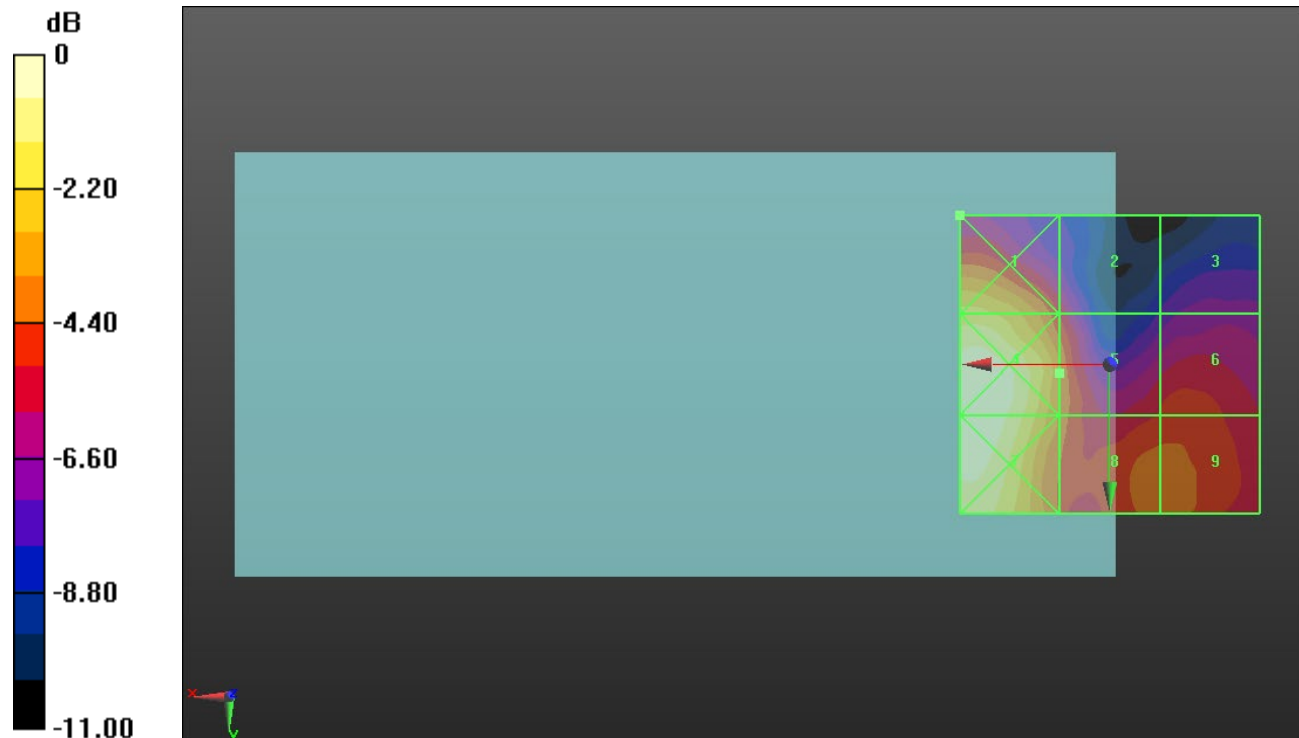
Applied MIF = -1.44 dB

RF audio interference level = 19.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.52 dBV/m	Grid 2 M4 18.27 dBV/m	Grid 3 M4 16.48 dBV/m
Grid 4 M4 23.39 dBV/m	Grid 5 M4 19.92 dBV/m	Grid 6 M4 18.7 dBV/m
Grid 7 M4 23.36 dBV/m	Grid 8 M4 19.67 dBV/m	Grid 9 M4 19.33 dBV/m



0 dB = 14.77 V/m = 23.39 dBV/m

HAC-RF Emission ANT8

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 29.17 V/m; Power Drift = -0.13 dB

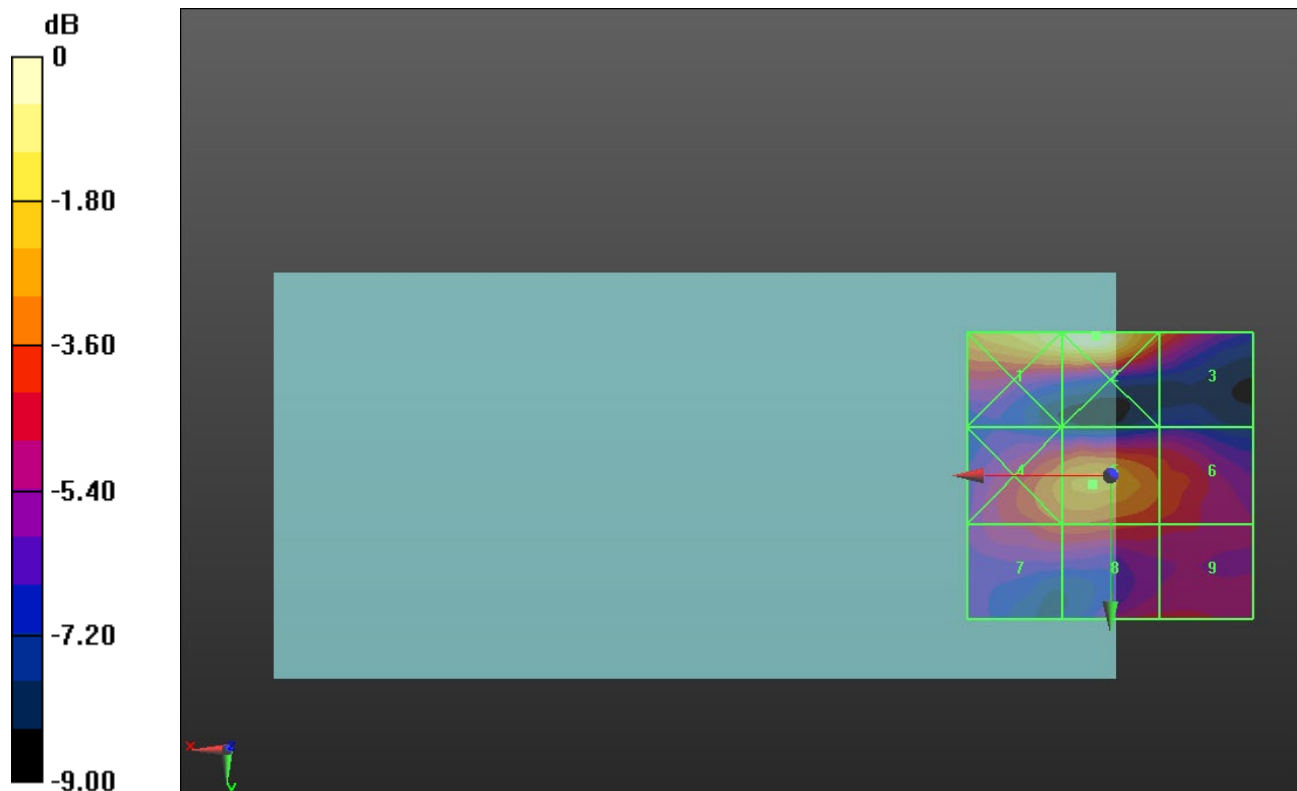
Applied MIF = -1.44 dB

RF audio interference level = 22.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.78 dBV/m	Grid 2 M4 24.36 dBV/m	Grid 3 M4 21.21 dBV/m
Grid 4 M4 21.68 dBV/m	Grid 5 M4 22.25 dBV/m	Grid 6 M4 20.82 dBV/m
Grid 7 M4 20.69 dBV/m	Grid 8 M4 20.73 dBV/m	Grid 9 M4 19.97 dBV/m



0 dB = 16.53 V/m = 24.37 dBV/m

HAC-RF Emission ANT8

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 27.69 V/m; Power Drift = -0.12 dB

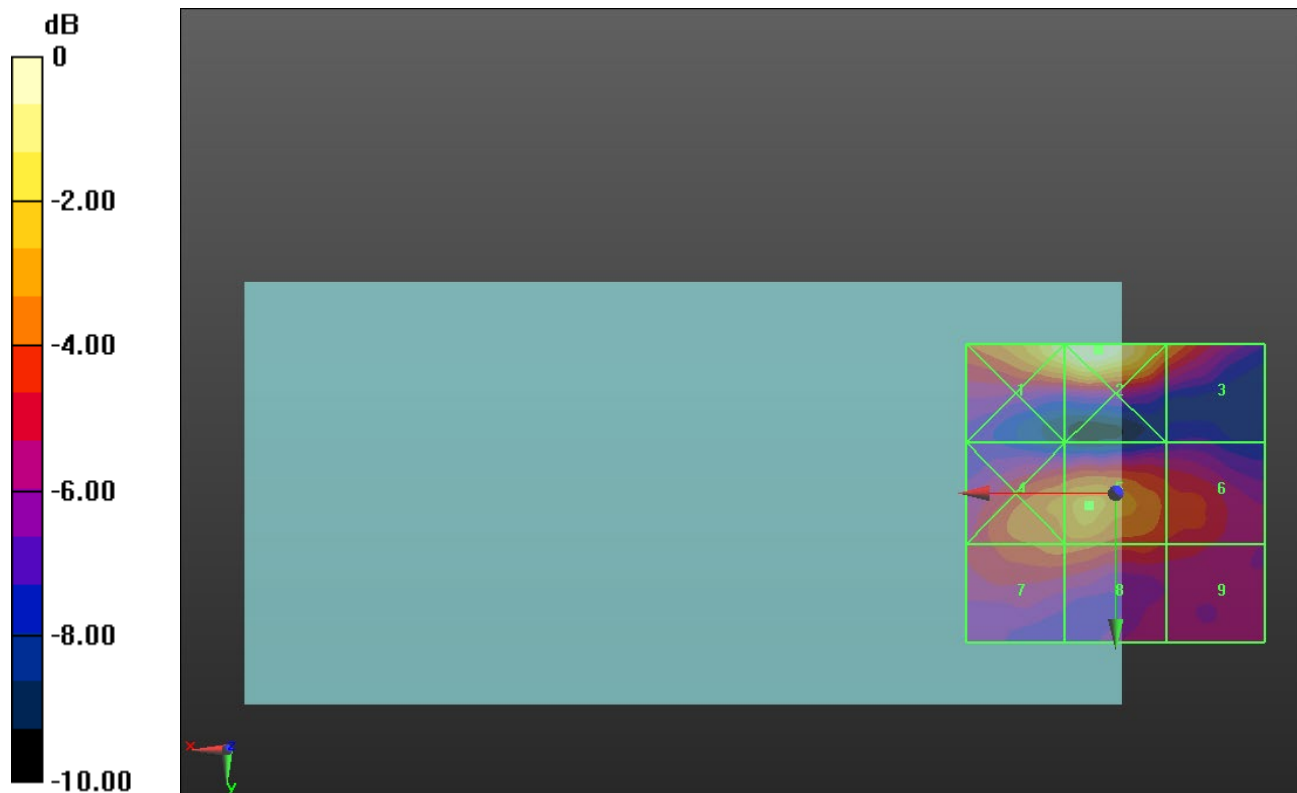
Applied MIF = -1.44 dB

RF audio interference level = 22.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.16 dBV/m	Grid 2 M4 24.89 dBV/m	Grid 3 M4 21.94 dBV/m
Grid 4 M4 21.98 dBV/m	Grid 5 M4 22.5 dBV/m	Grid 6 M4 20.75 dBV/m
Grid 7 M4 21.29 dBV/m	Grid 8 M4 21.29 dBV/m	Grid 9 M4 20.1 dBV/m



0 dB = 17.55 V/m = 24.89 dBV/m

HAC-RF Emission ANT8

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 26.01 V/m; Power Drift = 0.18 dB

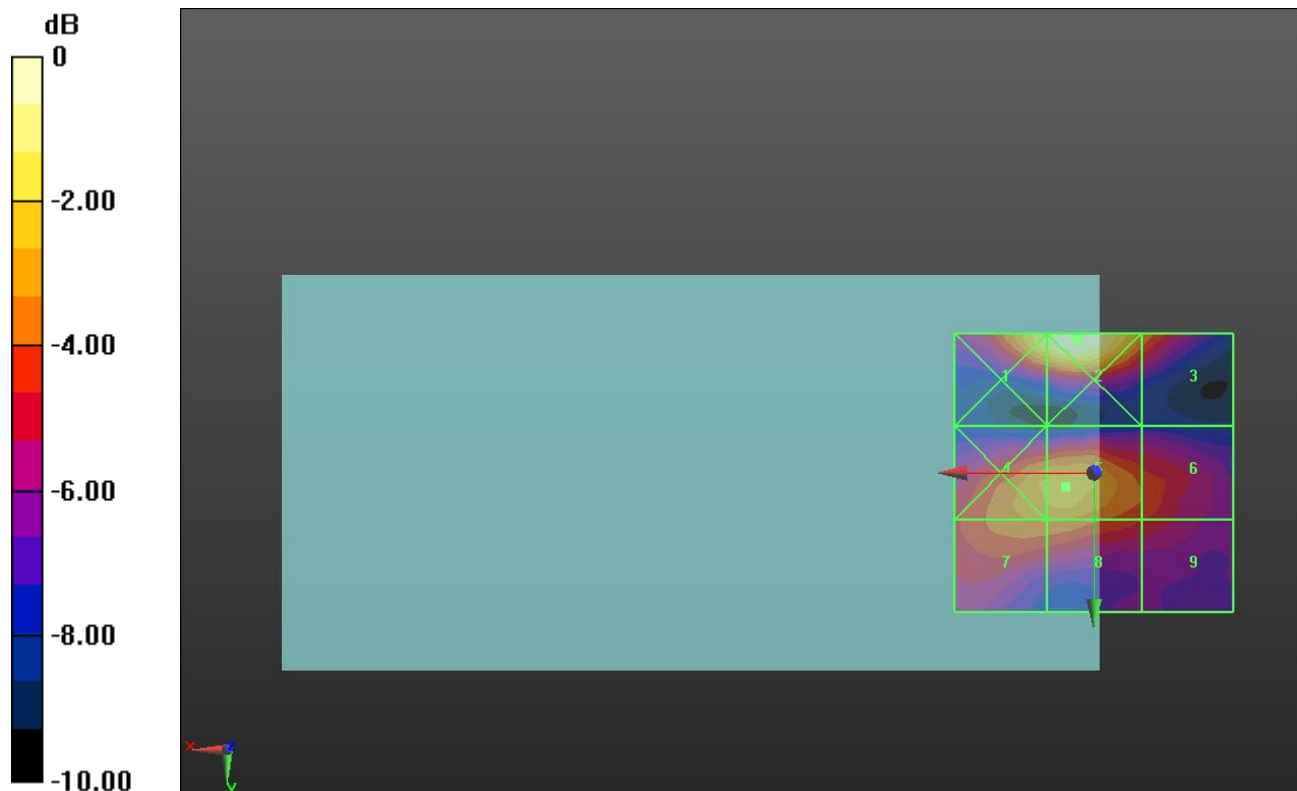
Applied MIF = -1.44 dB

RF audio interference level = 22.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.78 dBV/m	Grid 2 M4 24.84 dBV/m	Grid 3 M4 21.73 dBV/m
Grid 4 M4 22.39 dBV/m	Grid 5 M4 22.56 dBV/m	Grid 6 M4 20.88 dBV/m
Grid 7 M4 21.61 dBV/m	Grid 8 M4 21.62 dBV/m	Grid 9 M4 20.23 dBV/m



0 dB = 17.47 V/m = 24.85 dBV/m

HAC-RF Emission ANT8

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 27.72 V/m; Power Drift = -0.03 dB

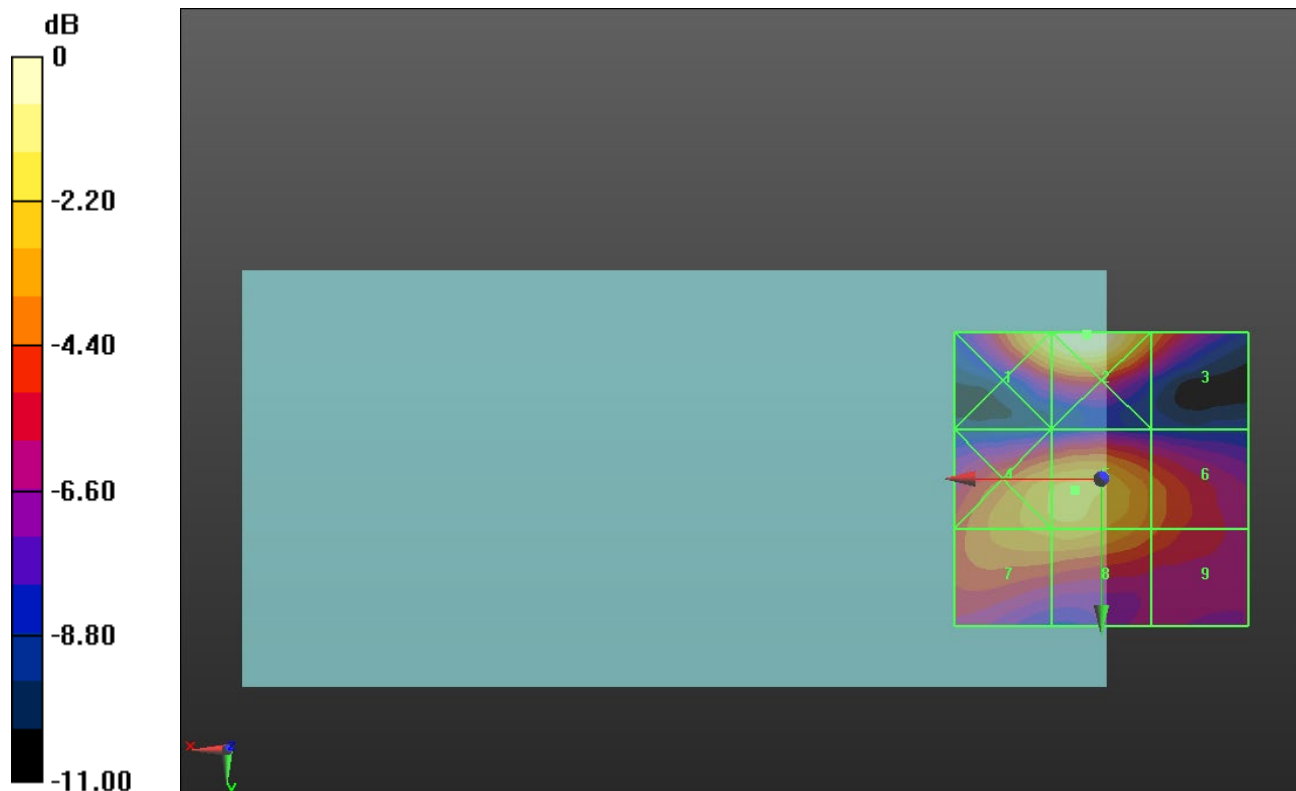
Applied MIF = -1.44 dB

RF audio interference level = 23.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.03 dBV/m	Grid 2 M4 25.02 dBV/m	Grid 3 M4 21.66 dBV/m
Grid 4 M4 22.92 dBV/m	Grid 5 M4 23.22 dBV/m	Grid 6 M4 21.23 dBV/m
Grid 7 M4 22.44 dBV/m	Grid 8 M4 22.61 dBV/m	Grid 9 M4 20.88 dBV/m



0 dB = 17.83 V/m = 25.02 dBV/m

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 5.932 V/m; Power Drift = -0.08 dB

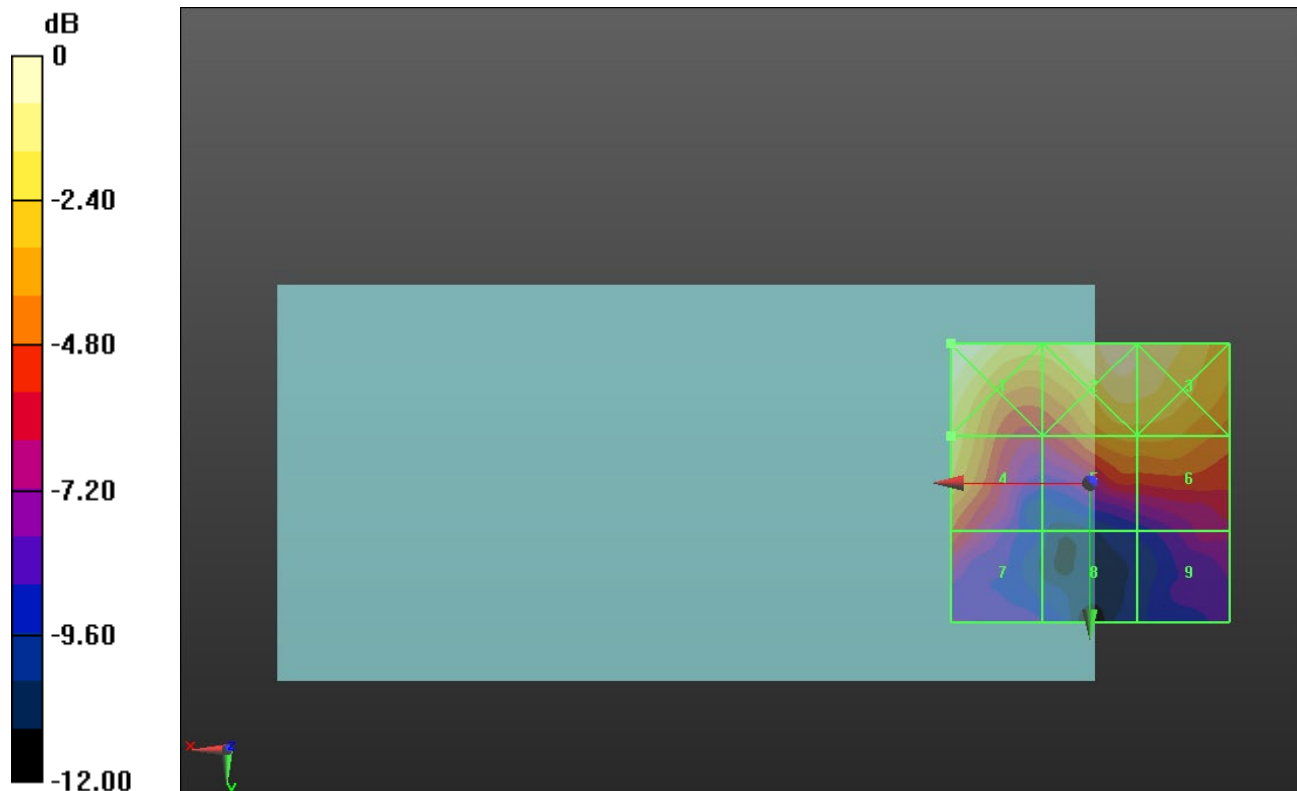
Applied MIF = -1.44 dB

RF audio interference level = 17.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.44 dBV/m	Grid 2 M4 18.94 dBV/m	Grid 3 M4 18.68 dBV/m
Grid 4 M4 17.78 dBV/m	Grid 5 M4 16.56 dBV/m	Grid 6 M4 16.54 dBV/m
Grid 7 M4 14.75 dBV/m	Grid 8 M4 10.76 dBV/m	Grid 9 M4 12.6 dBV/m



0 dB = 9.378 V/m = 19.44 dBV/m

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 6.067 V/m; Power Drift = -0.01 dB

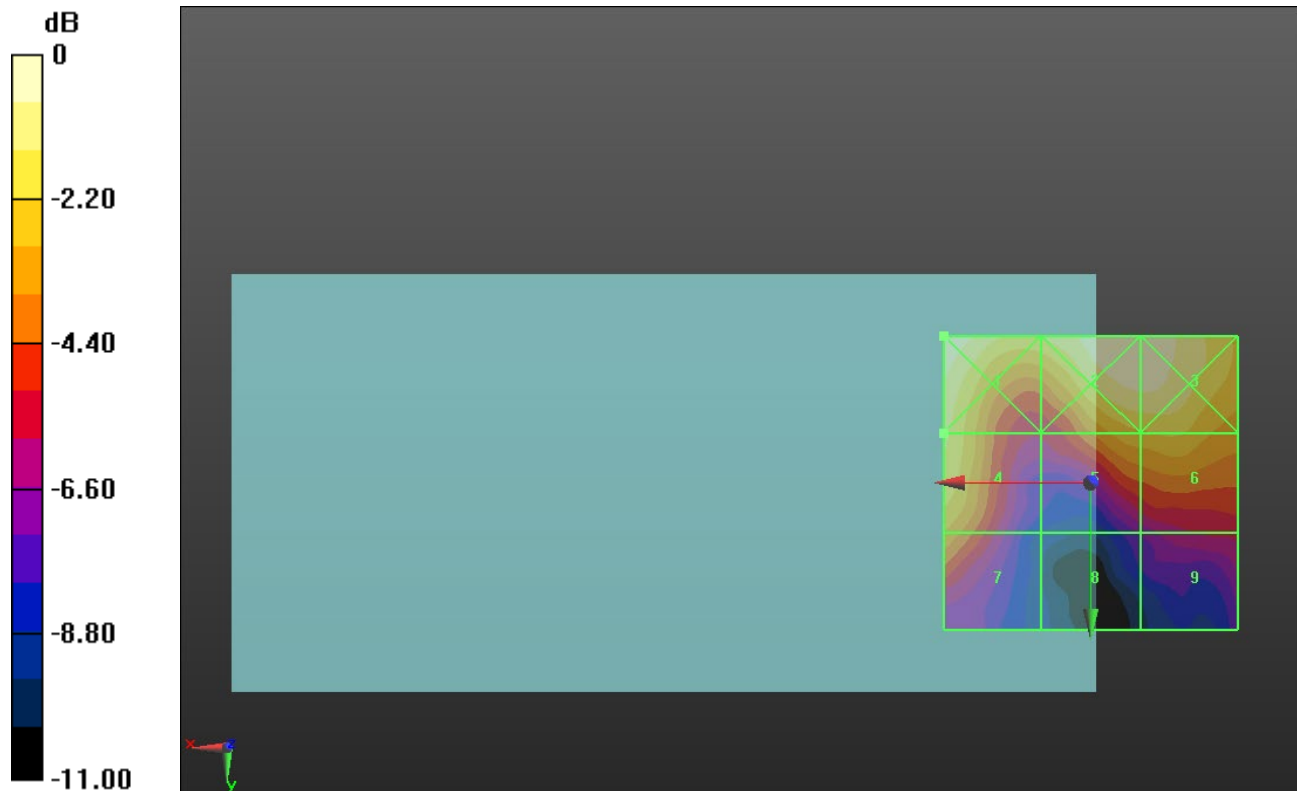
Applied MIF = -1.44 dB

RF audio interference level = 18.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.58 dBV/m	Grid 2 M4 19.44 dBV/m	Grid 3 M4 19.39 dBV/m
Grid 4 M4 18.33 dBV/m	Grid 5 M4 17.28 dBV/m	Grid 6 M4 17.53 dBV/m
Grid 7 M4 16.66 dBV/m	Grid 8 M4 12.47 dBV/m	Grid 9 M4 14 dBV/m



0 dB = 9.526 V/m = 19.58 dBV/m

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 7.068 V/m; Power Drift = -0.07 dB

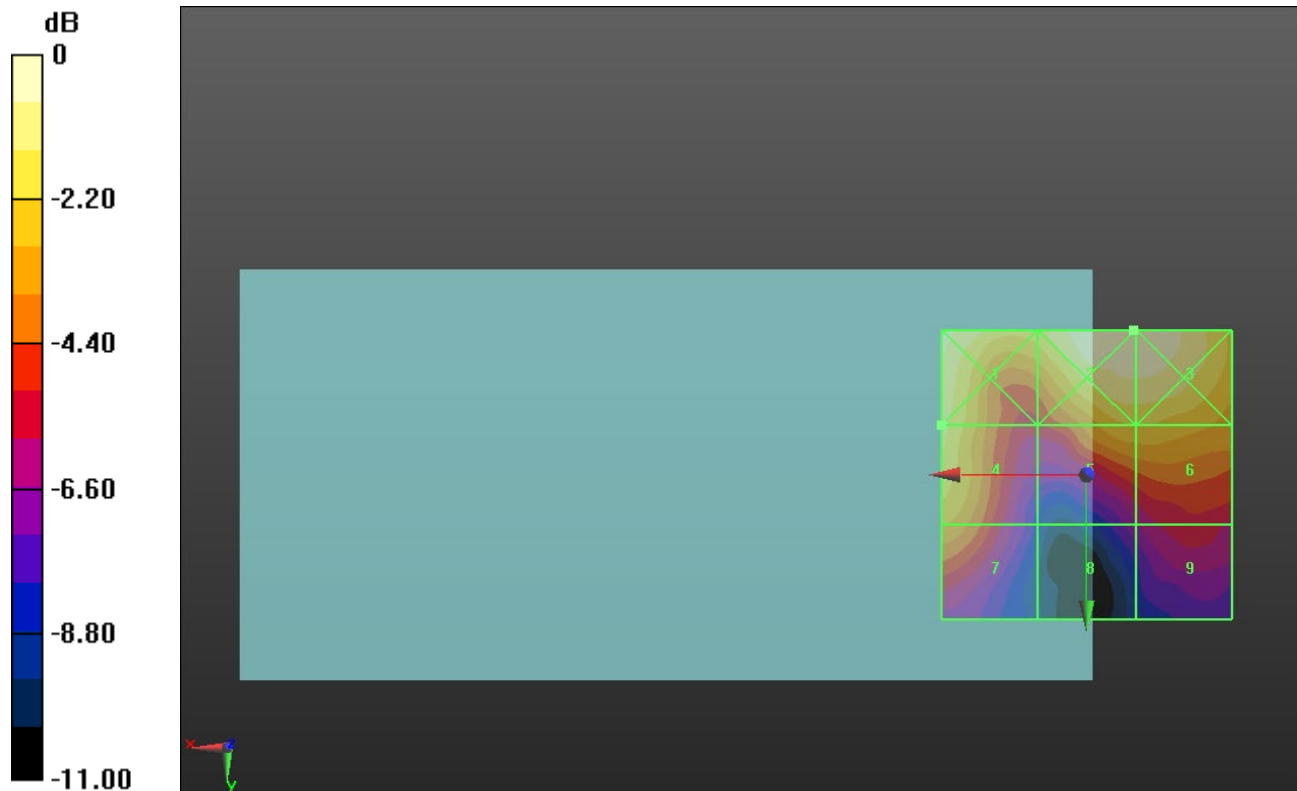
Applied MIF = -1.44 dB

RF audio interference level = 19.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.23 dBV/m	Grid 2 M4 20.66 dBV/m	Grid 3 M4 20.66 dBV/m
Grid 4 M4 19.44 dBV/m	Grid 5 M4 18.43 dBV/m	Grid 6 M4 18.42 dBV/m
Grid 7 M4 17.78 dBV/m	Grid 8 M4 14.01 dBV/m	Grid 9 M4 15.44 dBV/m



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

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, 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: 8/13/2021

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021

- 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 = 8.102 V/m; Power Drift = 0.07 dB

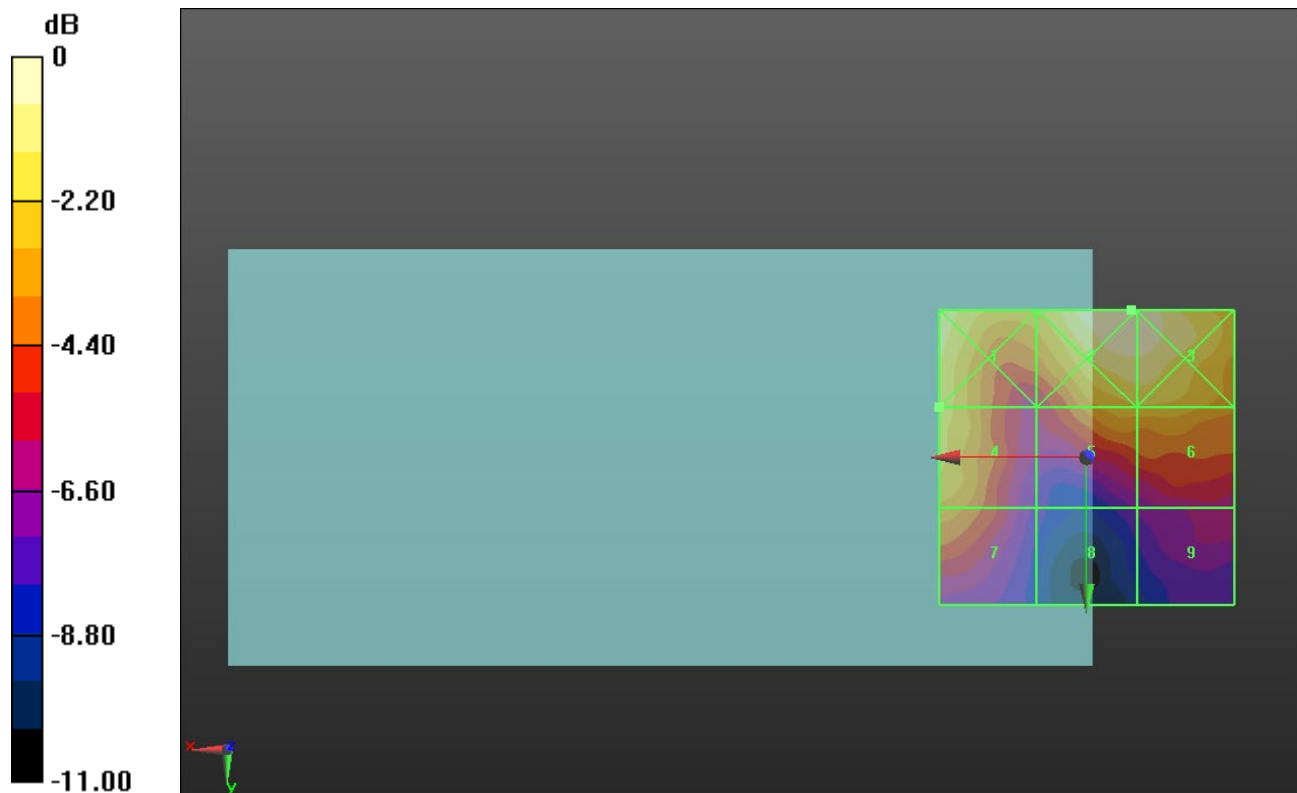
Applied MIF = -1.44 dB

RF audio interference level = 20.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.41 dBV/m	Grid 2 M4 22.15 dBV/m	Grid 3 M4 22.14 dBV/m
Grid 4 M4 20.57 dBV/m	Grid 5 M4 19.78 dBV/m	Grid 6 M4 19.84 dBV/m
Grid 7 M4 19.03 dBV/m	Grid 8 M4 15.03 dBV/m	Grid 9 M4 16.13 dBV/m



0 dB = 12.81 V/m = 22.15 dBV/m