

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 = 43.83 V/m; Power Drift = -0.06 dB

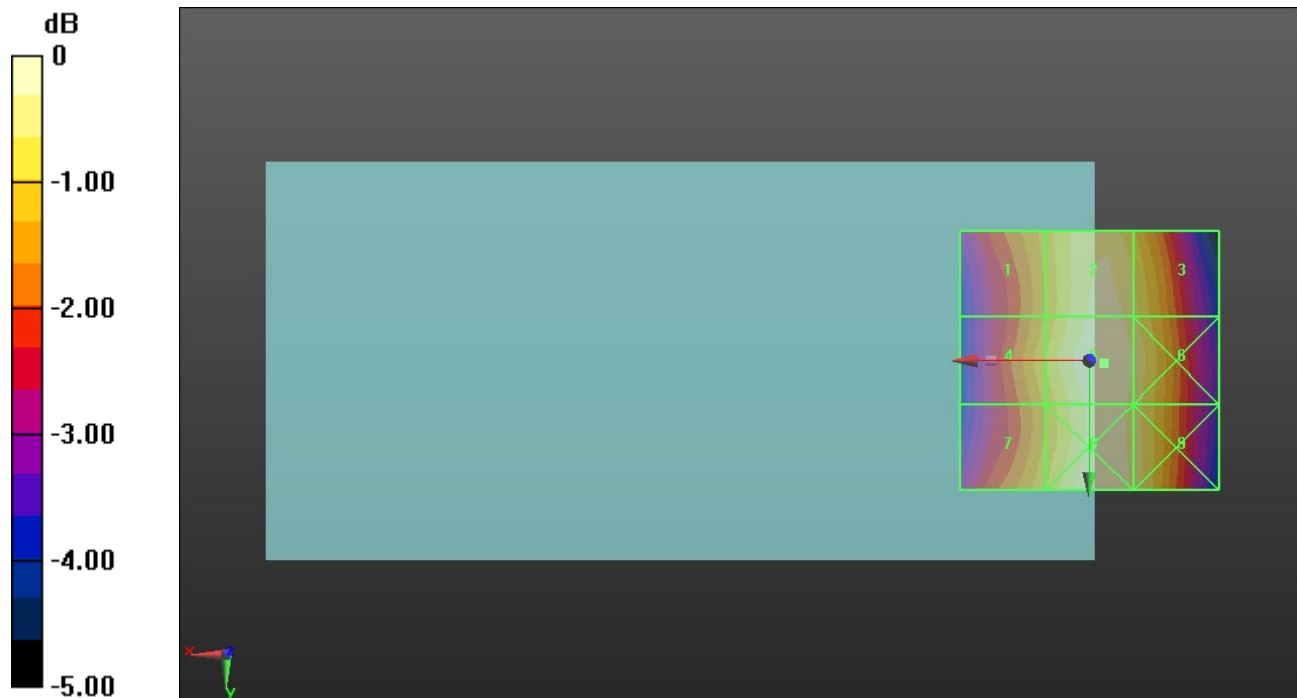
Applied MIF = 3.63 dB

RF audio interference level = 33.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.8 dBV/m	Grid 2 M4 33.79 dBV/m	Grid 3 M4 33.47 dBV/m
Grid 4 M4 32.98 dBV/m	Grid 5 M4 33.99 dBV/m	Grid 6 M4 33.64 dBV/m
Grid 7 M4 32.99 dBV/m	Grid 8 M4 33.93 dBV/m	Grid 9 M4 33.59 dBV/m



0 dB = 50.06 V/m = 33.99 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 = 48.90 V/m; Power Drift = -0.04 dB

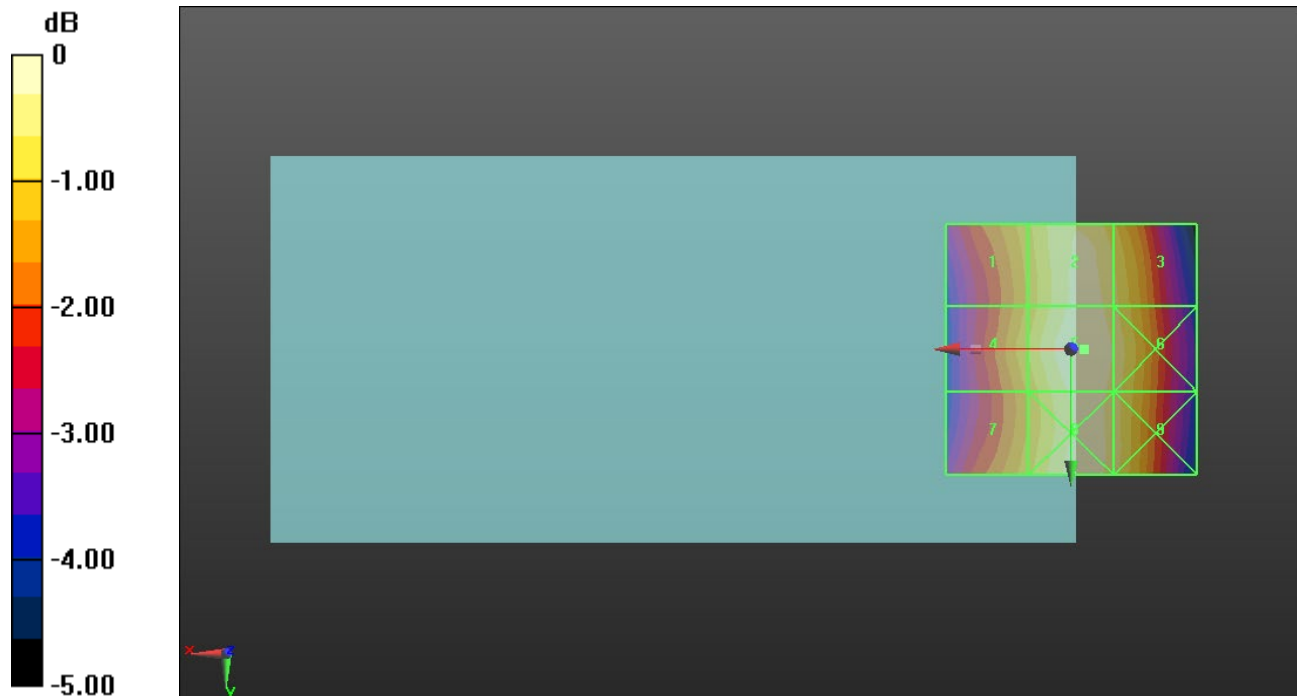
Applied MIF = 3.63 dB

RF audio interference level = 34.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.87 dBV/m	Grid 2 M4 34.73 dBV/m	Grid 3 M4 34.37 dBV/m
Grid 4 M4 33.95 dBV/m	Grid 5 M4 34.92 dBV/m	Grid 6 M4 34.55 dBV/m
Grid 7 M4 33.84 dBV/m	Grid 8 M4 34.77 dBV/m	Grid 9 M4 34.45 dBV/m



0 dB = 55.71 V/m = 34.92 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 = 45.13 V/m; Power Drift = -0.00 dB

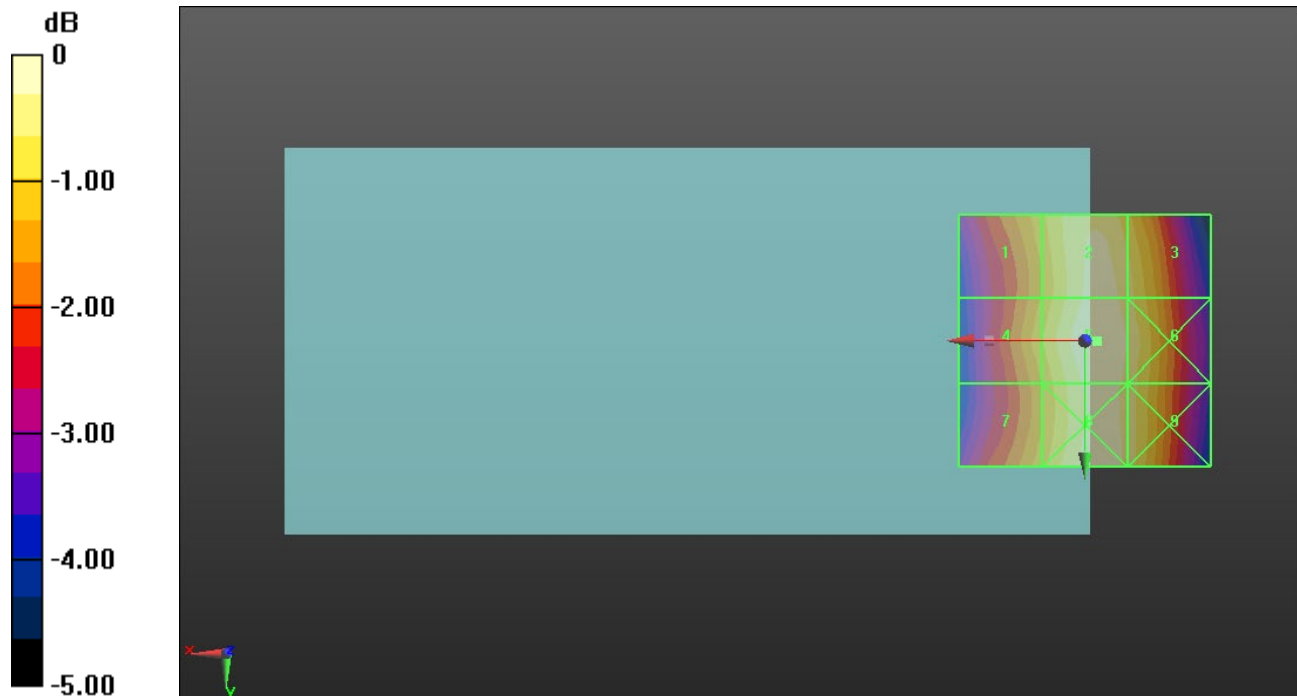
Applied MIF = 3.63 dB

RF audio interference level = 34.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.17 dBV/m	Grid 2 M4 34.05 dBV/m	Grid 3 M4 33.72 dBV/m
Grid 4 M4 33.22 dBV/m	Grid 5 M4 34.23 dBV/m	Grid 6 M4 33.9 dBV/m
Grid 7 M4 33.16 dBV/m	Grid 8 M4 34.11 dBV/m	Grid 9 M4 33.79 dBV/m



0 dB = 51.49 V/m = 34.23 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 = 15.62 V/m; Power Drift = -0.04 dB

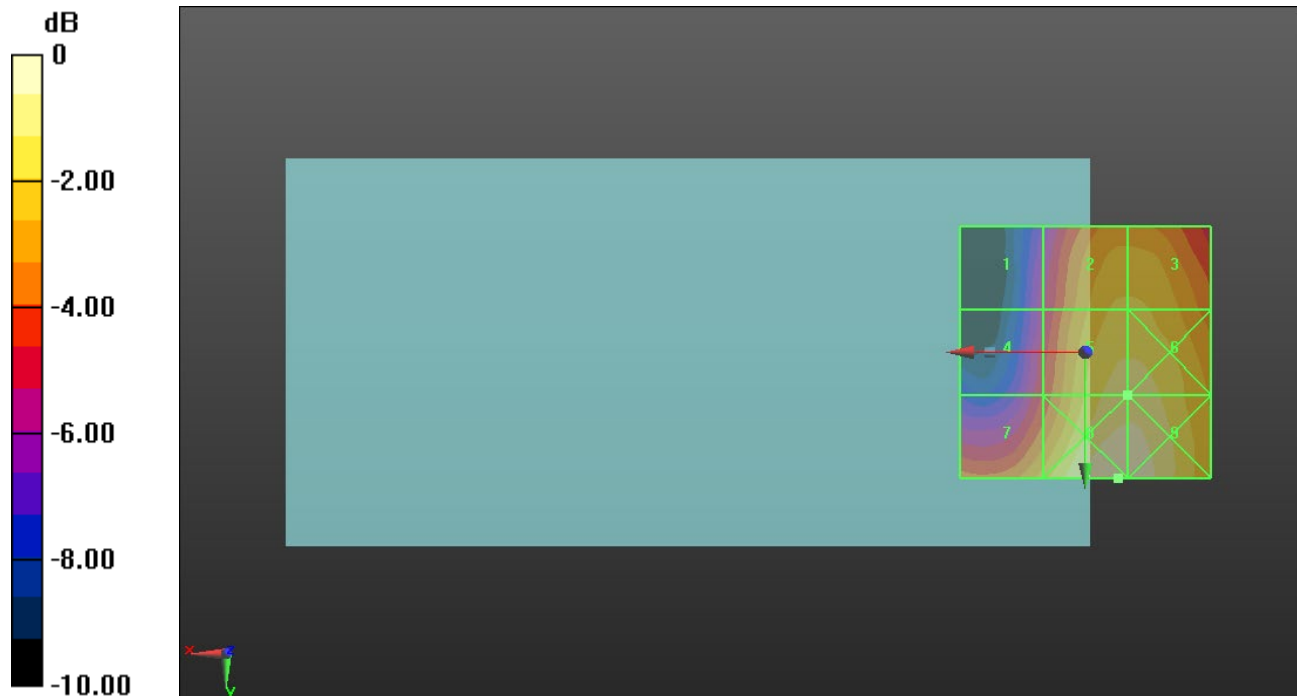
Applied MIF = 3.63 dB

RF audio interference level = 26.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.93 dBV/m	Grid 2 M4 25.6 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 22.85 dBV/m	Grid 5 M4 26.46 dBV/m	Grid 6 M4 26.47 dBV/m
Grid 7 M4 25.09 dBV/m	Grid 8 M4 27.43 dBV/m	Grid 9 M4 27.36 dBV/m



0 dB = 23.53 V/m = 27.43 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 = 16.18 V/m; Power Drift = -0.11 dB

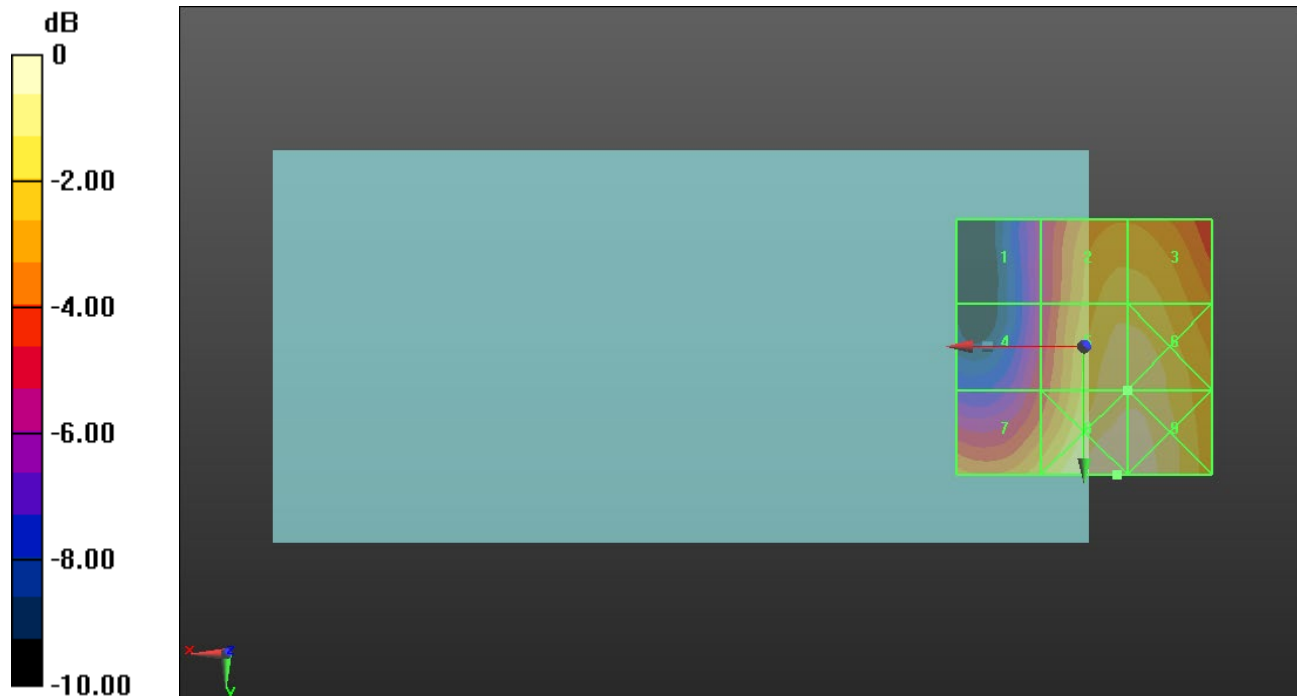
Applied MIF = 3.63 dB

RF audio interference level = 26.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.09 dBV/m	Grid 2 M4 26.08 dBV/m	Grid 3 M4 26.08 dBV/m
Grid 4 M4 23.07 dBV/m	Grid 5 M4 26.77 dBV/m	Grid 6 M4 26.77 dBV/m
Grid 7 M4 25.49 dBV/m	Grid 8 M4 27.59 dBV/m	Grid 9 M4 27.53 dBV/m



0 dB = 23.97 V/m = 27.59 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 = 15.94 V/m; Power Drift = -0.02 dB

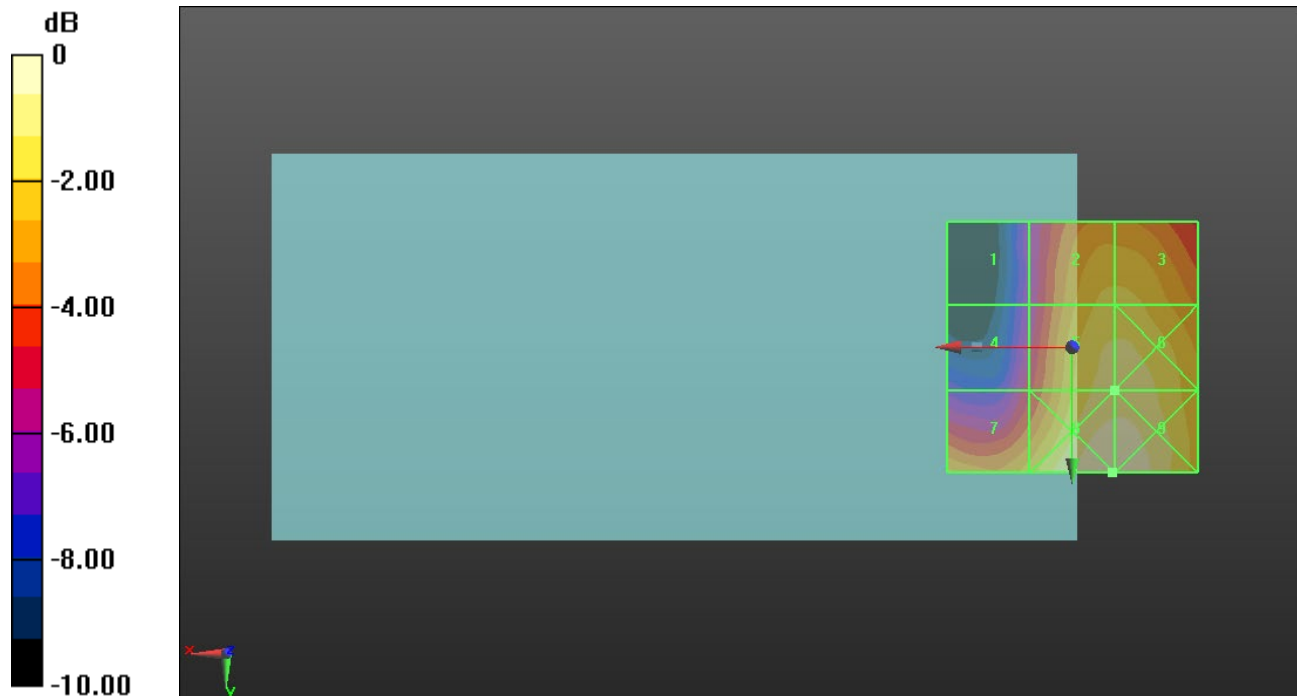
Applied MIF = 3.63 dB

RF audio interference level = 26.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.69 dBV/m	Grid 2 M4 25.87 dBV/m	Grid 3 M4 25.87 dBV/m
Grid 4 M4 22.78 dBV/m	Grid 5 M4 26.73 dBV/m	Grid 6 M4 26.75 dBV/m
Grid 7 M4 25.4 dBV/m	Grid 8 M4 27.63 dBV/m	Grid 9 M4 27.63 dBV/m



0 dB = 24.08 V/m = 27.63 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 = 6.963 V/m; Power Drift = -0.13 dB

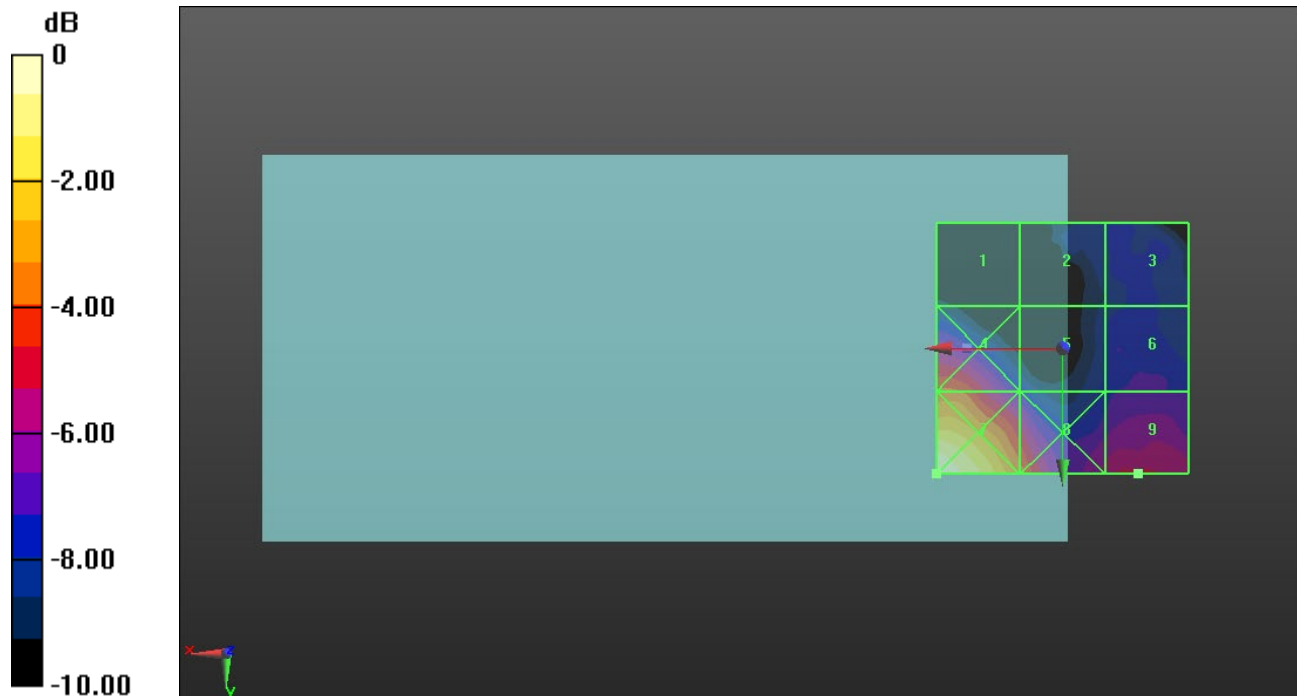
Applied MIF = -1.44 dB

RF audio interference level = 19.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.04 dBV/m	Grid 2 M4 16.96 dBV/m	Grid 3 M4 17.32 dBV/m
Grid 4 M4 21.09 dBV/m	Grid 5 M4 17.56 dBV/m	Grid 6 M4 17.68 dBV/m
Grid 7 M4 24.92 dBV/m	Grid 8 M4 21.37 dBV/m	Grid 9 M4 19.81 dBV/m



0 dB = 17.61 V/m = 24.92 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 = 8.975 V/m; Power Drift = -0.24 dB

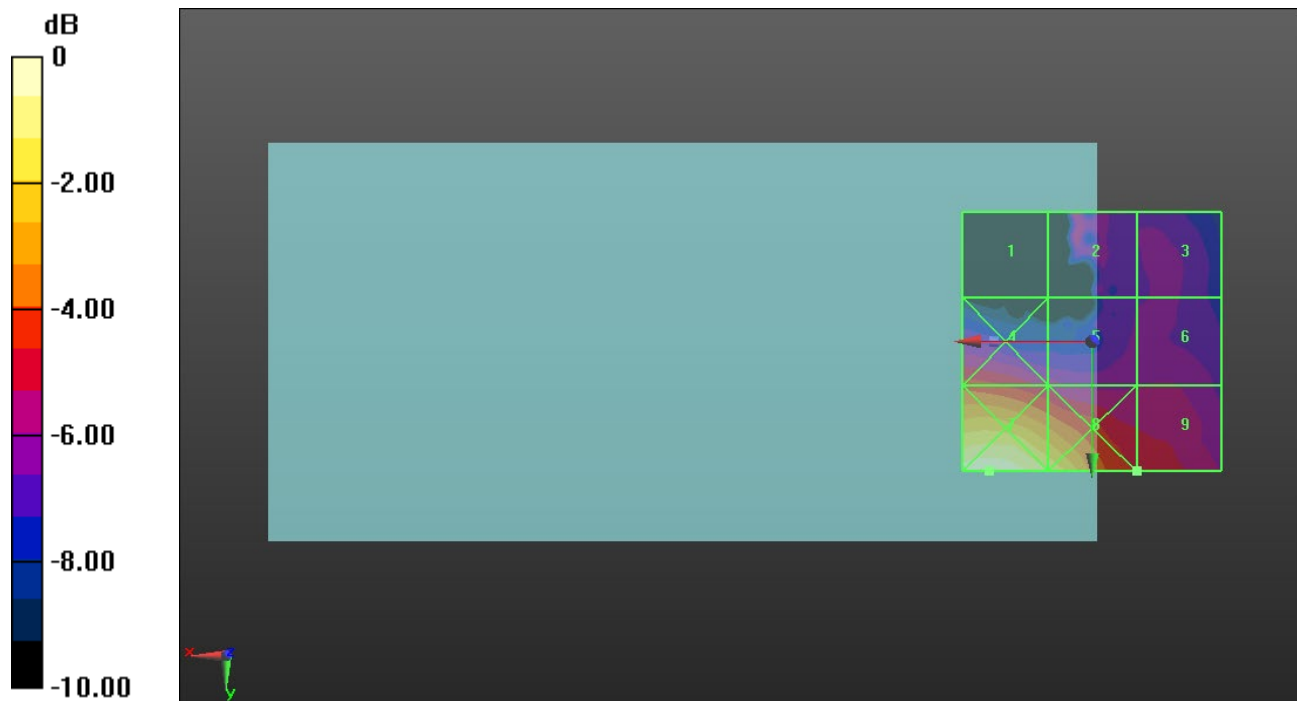
Applied MIF = -1.44 dB

RF audio interference level = 19.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.63 dBV/m	Grid 2 M4 19.02 dBV/m	Grid 3 M4 17.6 dBV/m
Grid 4 M4 19.8 dBV/m	Grid 5 M4 18.54 dBV/m	Grid 6 M4 18.17 dBV/m
Grid 7 M4 24.04 dBV/m	Grid 8 M4 22.73 dBV/m	Grid 9 M4 19.35 dBV/m



0 dB = 15.93 V/m = 24.04 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 = 10.20 V/m; Power Drift = -0.08 dB

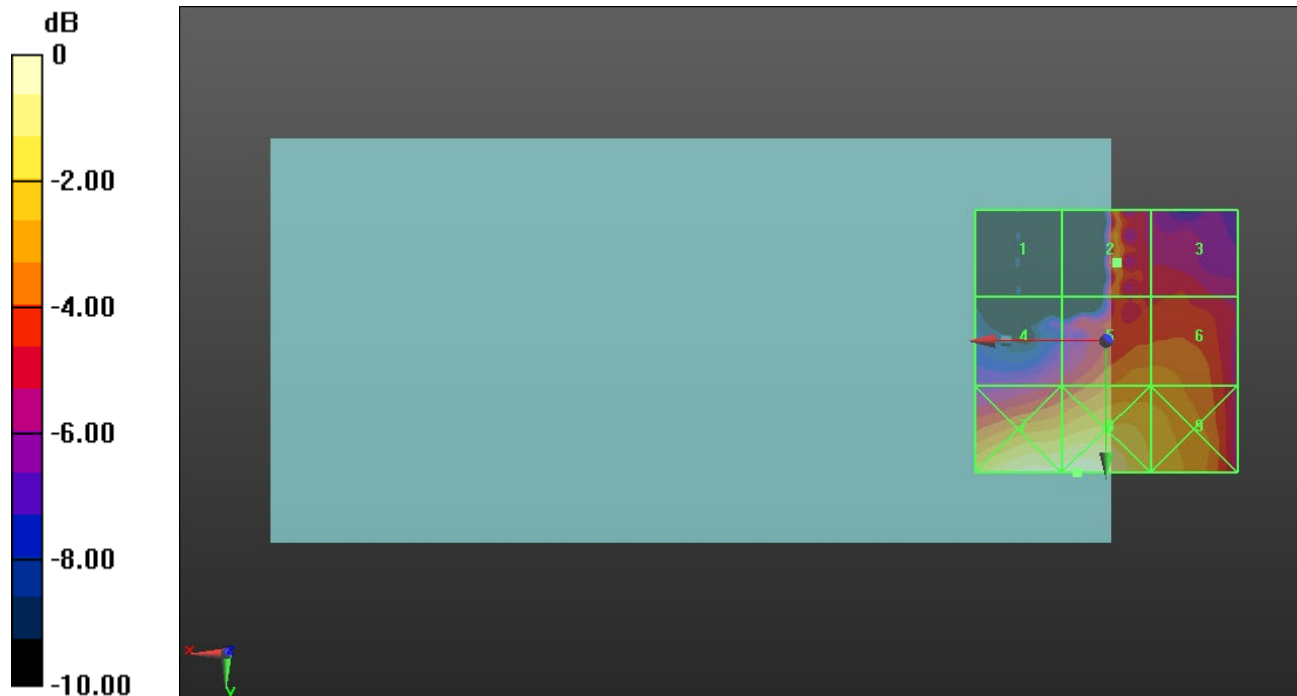
Applied MIF = -1.44 dB

RF audio interference level = 19.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.58 dBV/m	Grid 2 M4 19.91 dBV/m	Grid 3 M4 17.98 dBV/m
Grid 4 M4 17.71 dBV/m	Grid 5 M4 19.6 dBV/m	Grid 6 M4 19.59 dBV/m
Grid 7 M4 22.28 dBV/m	Grid 8 M4 22.58 dBV/m	Grid 9 M4 20.72 dBV/m



0 dB = 13.46 V/m = 22.58 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 = 8.995 V/m; Power Drift = 0.44 dB

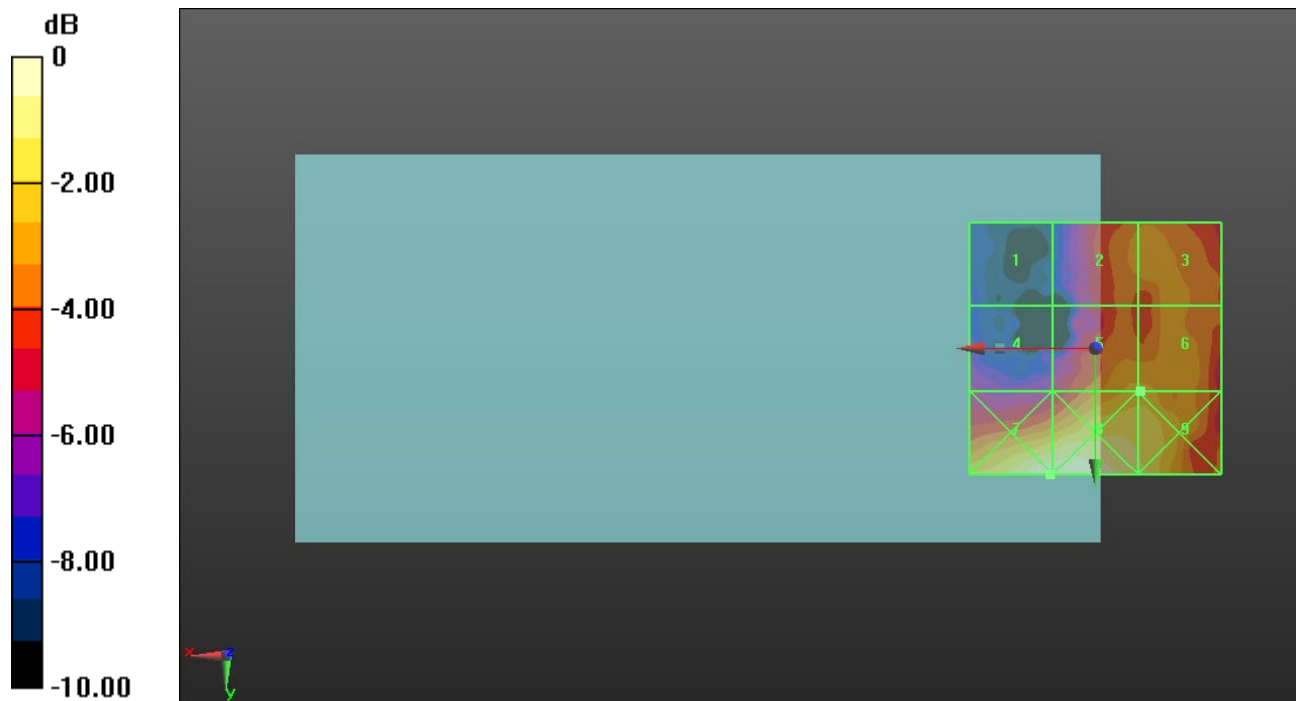
Applied MIF = -1.44 dB

RF audio interference level = 18.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.12 dBV/m	Grid 2 M4 18.12 dBV/m	Grid 3 M4 18.28 dBV/m
Grid 4 M4 15.48 dBV/m	Grid 5 M4 18.65 dBV/m	Grid 6 M4 18.67 dBV/m
Grid 7 M4 21.03 dBV/m	Grid 8 M4 21.02 dBV/m	Grid 9 M4 19.99 dBV/m



0 dB = 11.26 V/m = 21.03 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 = 6.759 V/m; Power Drift = -0.13 dB

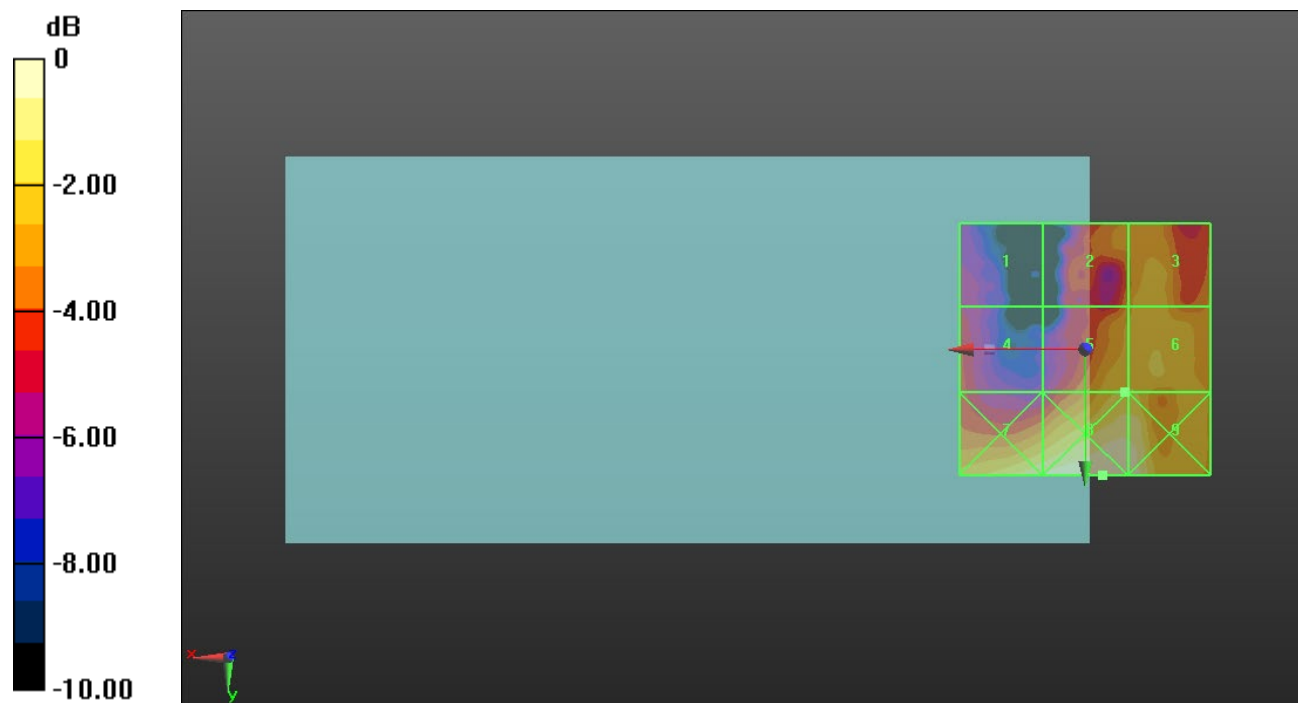
Applied MIF = -1.44 dB

RF audio interference level = 17.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.53 dBV/m	Grid 2 M4 15.86 dBV/m	Grid 3 M4 16.73 dBV/m
Grid 4 M4 14.78 dBV/m	Grid 5 M4 17.03 dBV/m	Grid 6 M4 17.02 dBV/m
Grid 7 M4 18.32 dBV/m	Grid 8 M4 18.93 dBV/m	Grid 9 M4 18.79 dBV/m



0 dB = 8.837 V/m = 18.93 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 = 8.051 V/m; Power Drift = -0.79 dB

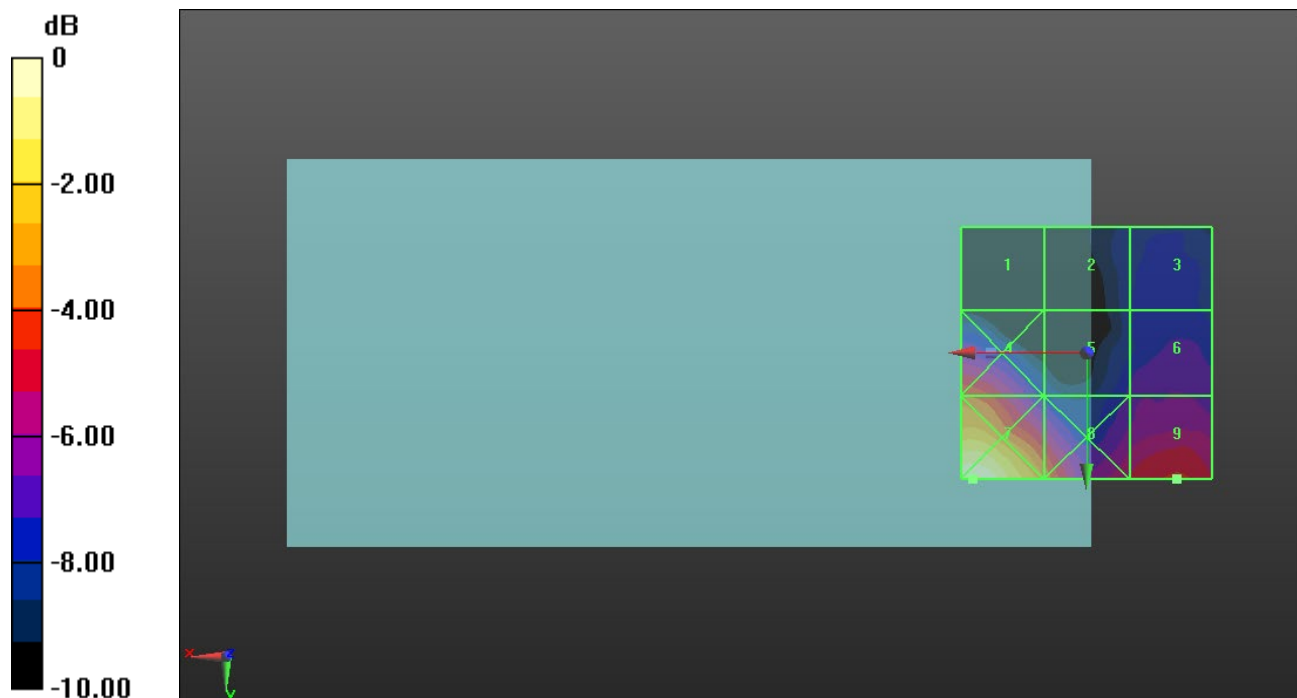
Applied MIF = -1.44 dB

RF audio interference level = 21.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.39 dBV/m	Grid 2 M4 17.9 dBV/m	Grid 3 M4 18.52 dBV/m
Grid 4 M4 22.12 dBV/m	Grid 5 M4 18.91 dBV/m	Grid 6 M4 19.4 dBV/m
Grid 7 M4 25.99 dBV/m	Grid 8 M4 22.7 dBV/m	Grid 9 M4 21.46 dBV/m



0 dB = 19.92 V/m = 25.99 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 = 9.845 V/m; Power Drift = -0.06 dB

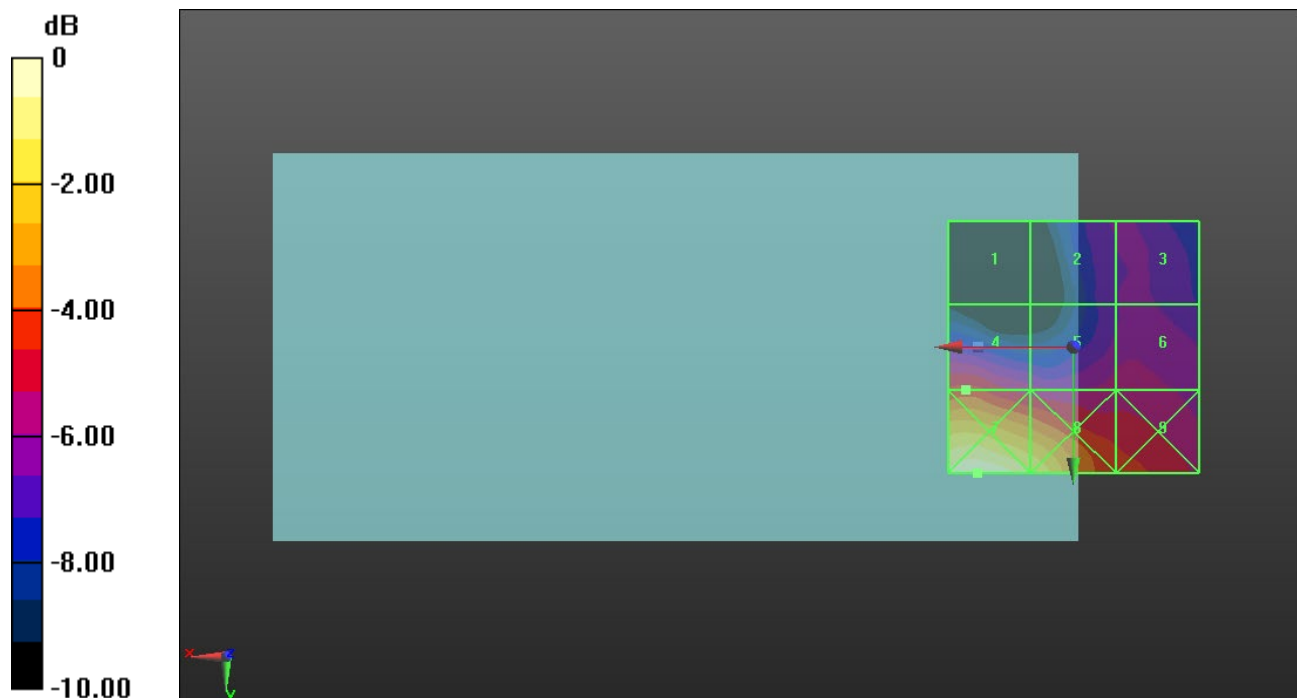
Applied MIF = -1.44 dB

RF audio interference level = 20.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.68 dBV/m	Grid 2 M4 18.6 dBV/m	Grid 3 M4 18.65 dBV/m
Grid 4 M4 20.77 dBV/m	Grid 5 M4 19.47 dBV/m	Grid 6 M4 19.46 dBV/m
Grid 7 M4 25.14 dBV/m	Grid 8 M4 23.94 dBV/m	Grid 9 M4 20.82 dBV/m



0 dB = 18.08 V/m = 25.14 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 = 11.75 V/m; Power Drift = 0.03 dB

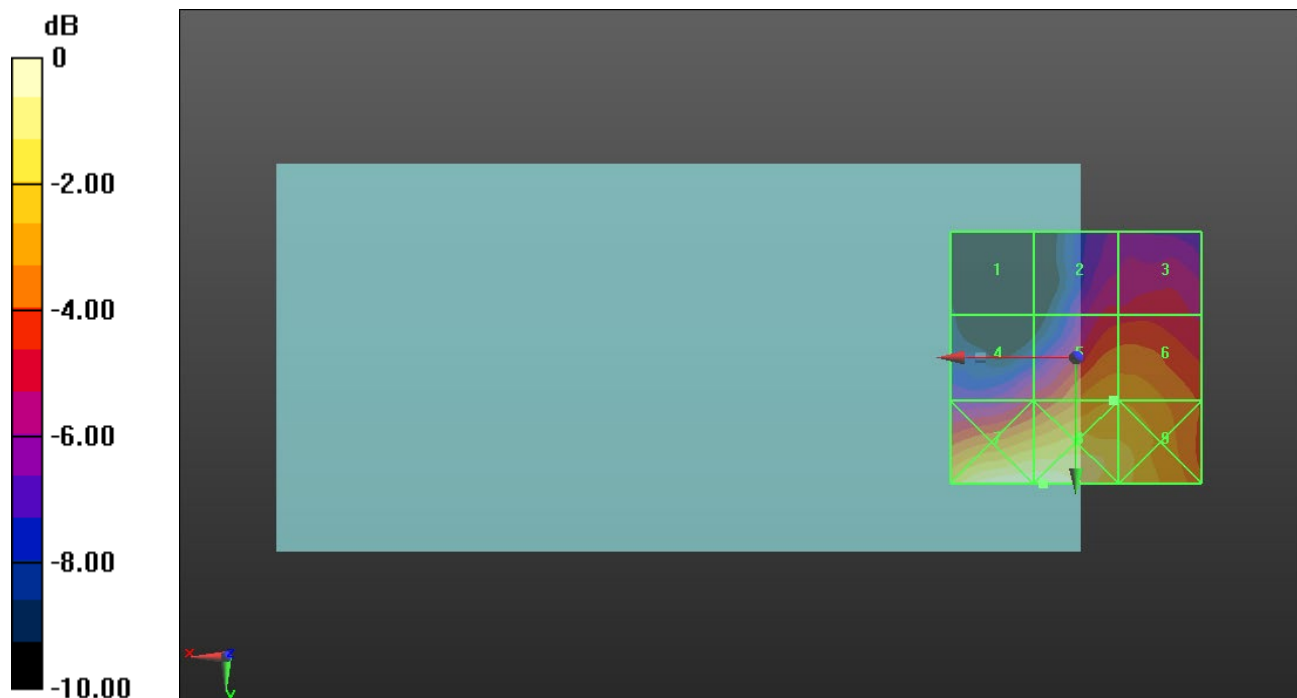
Applied MIF = -1.44 dB

RF audio interference level = 20.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.55 dBV/m	Grid 2 M4 18.6 dBV/m	Grid 3 M4 18.93 dBV/m
Grid 4 M4 18.61 dBV/m	Grid 5 M4 20.92 dBV/m	Grid 6 M4 20.91 dBV/m
Grid 7 M4 23.59 dBV/m	Grid 8 M4 23.63 dBV/m	Grid 9 M4 22.03 dBV/m



0 dB = 15.18 V/m = 23.63 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 = 10.88 V/m; Power Drift = -0.07 dB

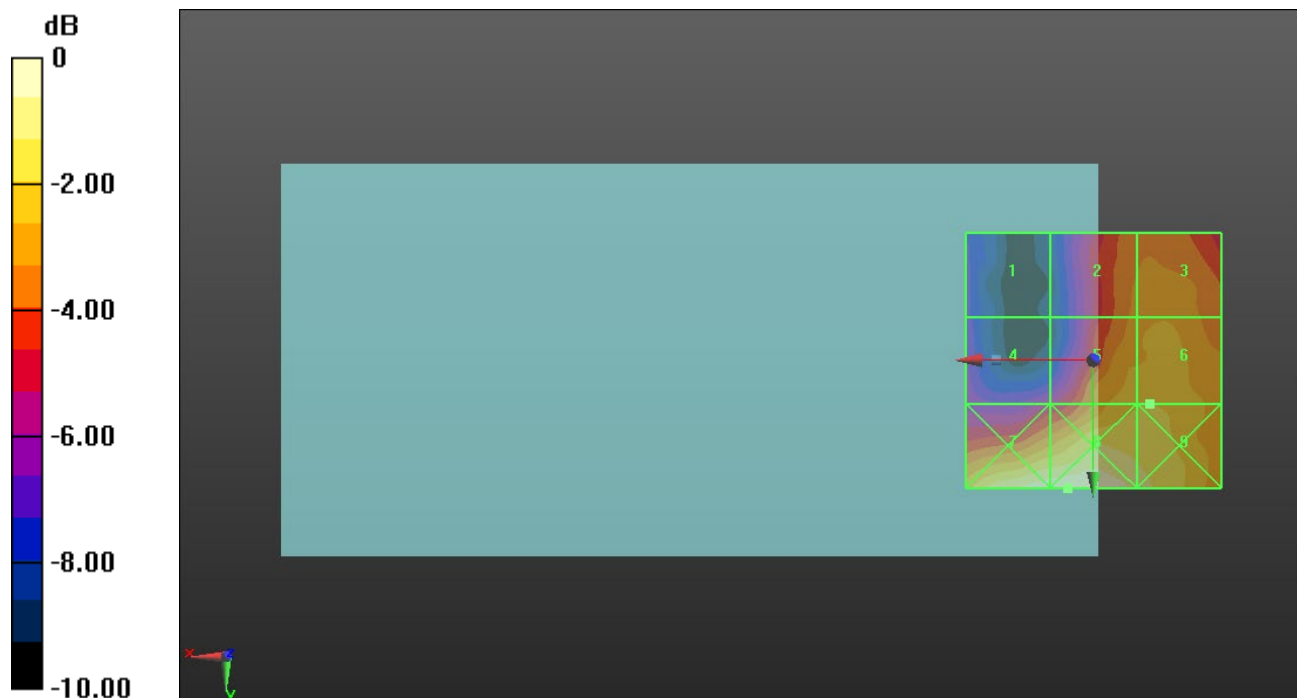
Applied MIF = -1.44 dB

RF audio interference level = 20.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.19 dBV/m	Grid 2 M4 18.95 dBV/m	Grid 3 M4 19.35 dBV/m
Grid 4 M4 16.51 dBV/m	Grid 5 M4 19.97 dBV/m	Grid 6 M4 20.05 dBV/m
Grid 7 M4 21.93 dBV/m	Grid 8 M4 22.04 dBV/m	Grid 9 M4 21.08 dBV/m



0 dB = 12.64 V/m = 22.03 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 = 7.761 V/m; Power Drift = 0.12 dB

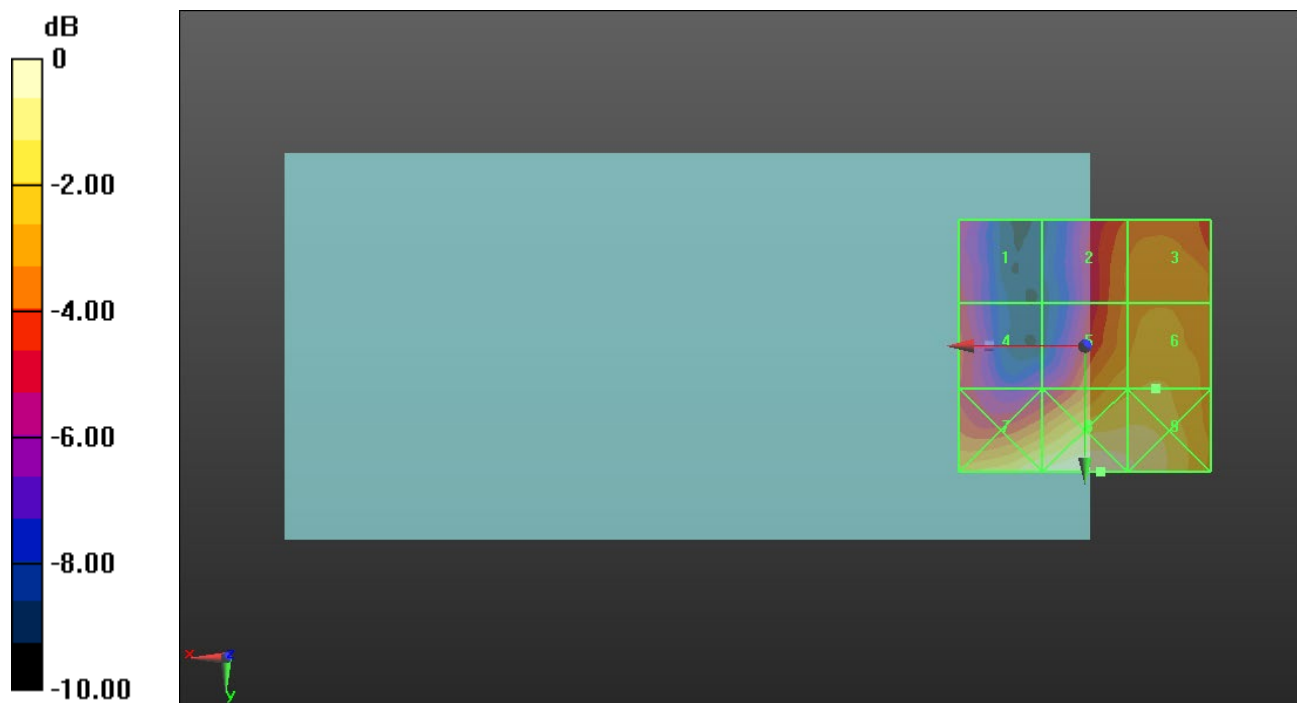
Applied MIF = -1.44 dB

RF audio interference level = 18.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.98 dBV/m	Grid 2 M4 16.64 dBV/m	Grid 3 M4 17.11 dBV/m
Grid 4 M4 15.39 dBV/m	Grid 5 M4 17.69 dBV/m	Grid 6 M4 18.01 dBV/m
Grid 7 M4 19.44 dBV/m	Grid 8 M4 19.83 dBV/m	Grid 9 M4 19.36 dBV/m



0 dB = 9.810 V/m = 19.83 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 = 6.381 V/m; Power Drift = -0.28 dB

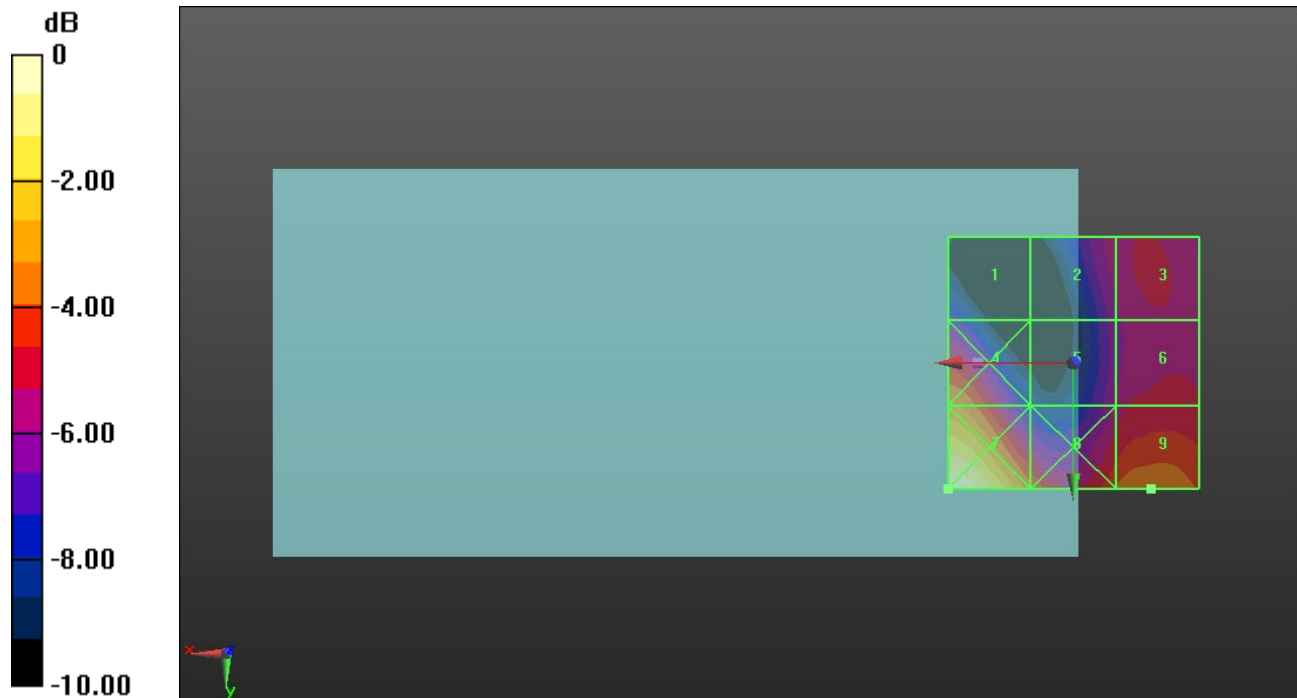
Applied MIF = -1.44 dB

RF audio interference level = 19.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.21 dBV/m	Grid 2 M4 17.51 dBV/m	Grid 3 M4 17.99 dBV/m
Grid 4 M4 20.03 dBV/m	Grid 5 M4 17.38 dBV/m	Grid 6 M4 18.14 dBV/m
Grid 7 M4 23.15 dBV/m	Grid 8 M4 19.43 dBV/m	Grid 9 M4 19.74 dBV/m



0 dB = 14.37 V/m = 23.15 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 = 27.11 V/m; Power Drift = -0.02 dB

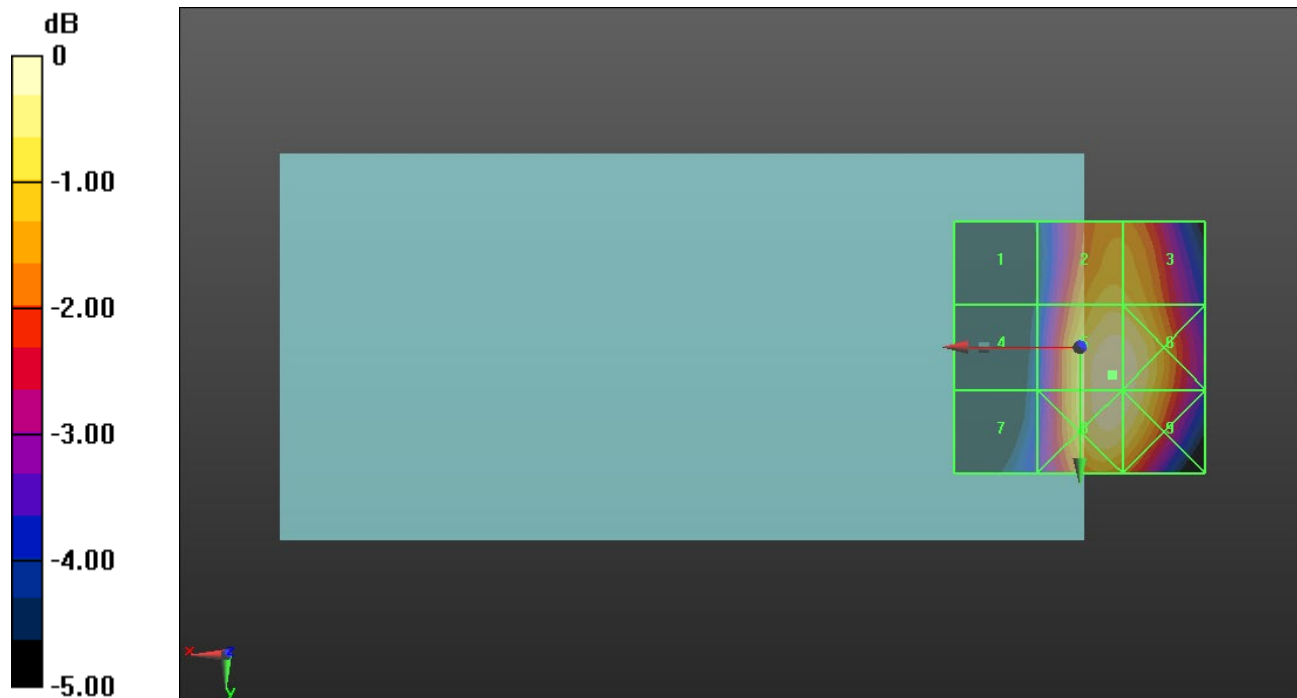
Applied MIF = 3.63 dB

RF audio interference level = 29.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.76 dBV/m	Grid 2 M4 28.45 dBV/m	Grid 3 M4 28.38 dBV/m
Grid 4 M4 25.28 dBV/m	Grid 5 M4 29.2 dBV/m	Grid 6 M4 29.13 dBV/m
Grid 7 M4 25.7 dBV/m	Grid 8 M4 29.16 dBV/m	Grid 9 M4 29.1 dBV/m



0 dB = 28.84 V/m = 29.20 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 = 25.85 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.42 dBV/m	Grid 2 M4 28.07 dBV/m	Grid 3 M4 28 dBV/m
Grid 4 M4 24.95 dBV/m	Grid 5 M4 28.84 dBV/m	Grid 6 M4 28.74 dBV/m
Grid 7 M4 25.47 dBV/m	Grid 8 M4 28.83 dBV/m	Grid 9 M4 28.71 dBV/m



0 dB = 27.66 V/m = 28.84 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 = 28.63 V/m; Power Drift = -0.02 dB

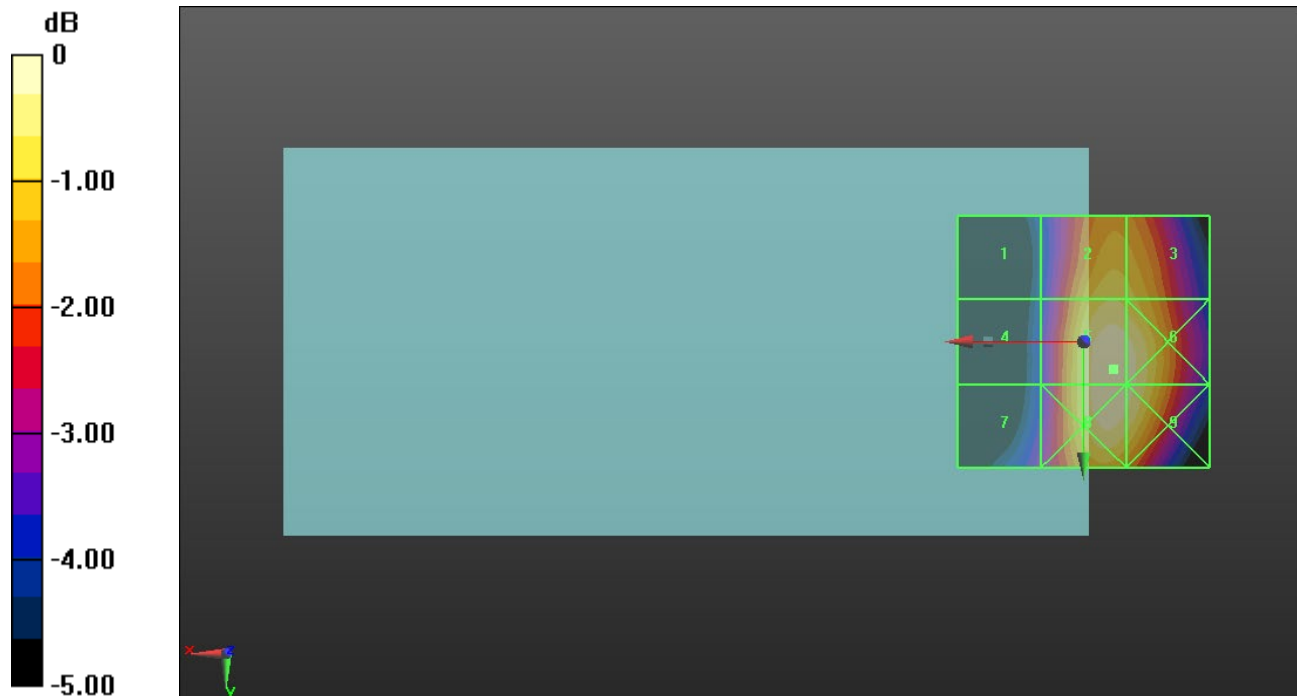
Applied MIF = 3.63 dB

RF audio interference level = 29.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.56 dBV/m	Grid 2 M4 28.85 dBV/m	Grid 3 M4 28.71 dBV/m
Grid 4 M4 25.84 dBV/m	Grid 5 M4 29.51 dBV/m	Grid 6 M4 29.38 dBV/m
Grid 7 M4 26.41 dBV/m	Grid 8 M4 29.48 dBV/m	Grid 9 M4 29.36 dBV/m



0 dB = 29.88 V/m = 29.51 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 = 15.78 V/m; Power Drift = -0.09 dB

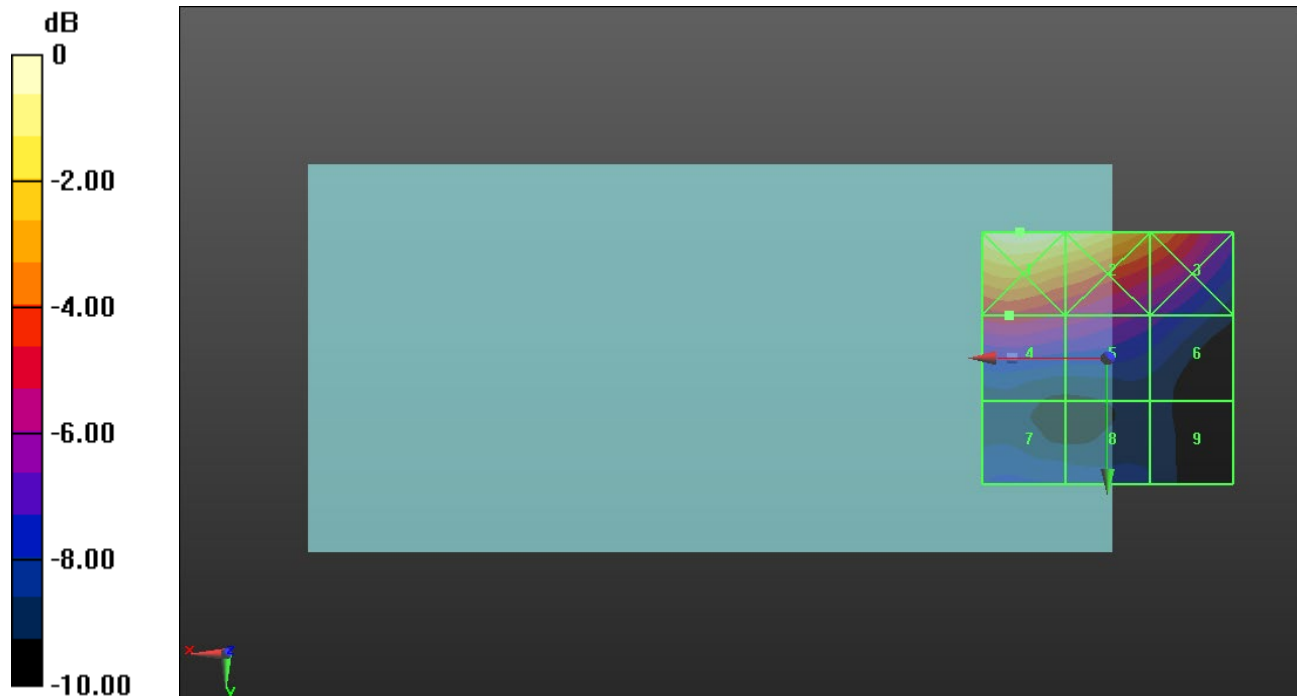
Applied MIF = 3.63 dB

RF audio interference level = 28.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.99 dBV/m	Grid 2 M3 32.48 dBV/m	Grid 3 M3 30.1 dBV/m
Grid 4 M4 28.16 dBV/m	Grid 5 M4 27.5 dBV/m	Grid 6 M4 26.08 dBV/m
Grid 7 M4 25.22 dBV/m	Grid 8 M4 24.96 dBV/m	Grid 9 M4 24.42 dBV/m



0 dB = 44.63 V/m = 32.99 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 = 15.48 V/m; Power Drift = 0.01 dB

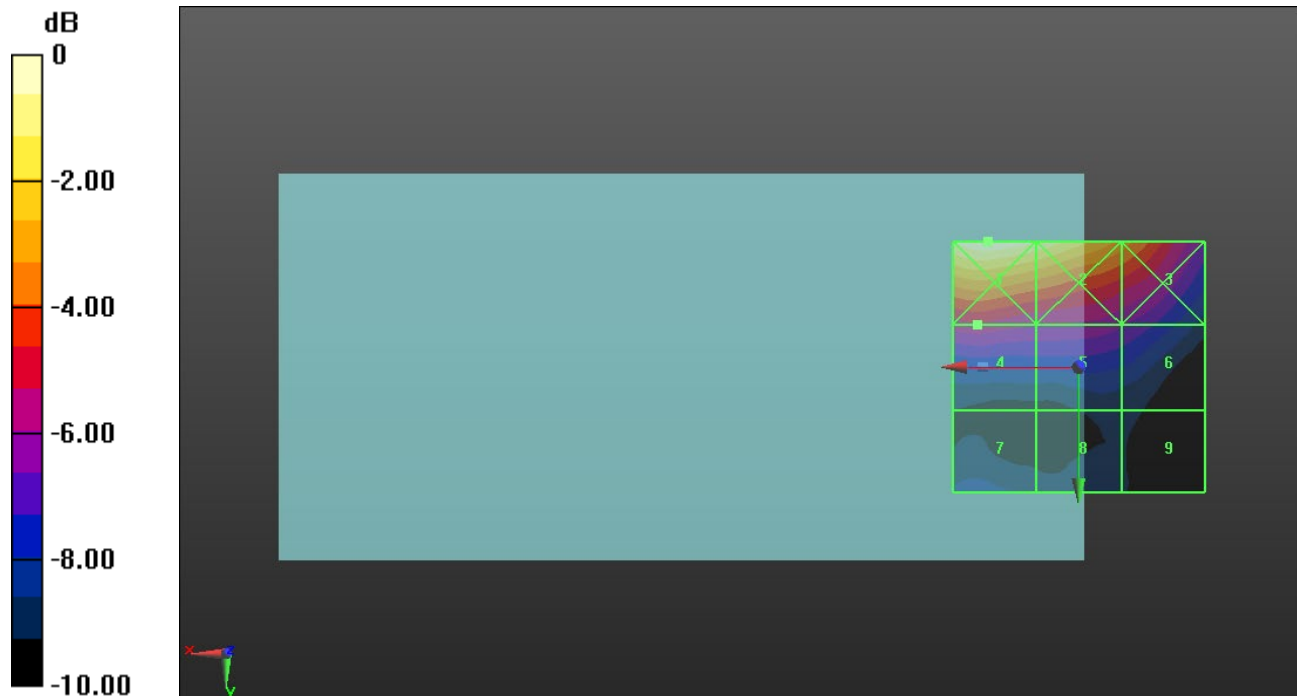
Applied MIF = 3.63 dB

RF audio interference level = 27.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.64 dBV/m	Grid 2 M3 32.05 dBV/m	Grid 3 M4 29.77 dBV/m
Grid 4 M4 27.23 dBV/m	Grid 5 M4 26.73 dBV/m	Grid 6 M4 26.1 dBV/m
Grid 7 M4 24.28 dBV/m	Grid 8 M4 24.02 dBV/m	Grid 9 M4 23.63 dBV/m



0 dB = 42.87 V/m = 32.64 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 = 14.95 V/m; Power Drift = 0.04 dB

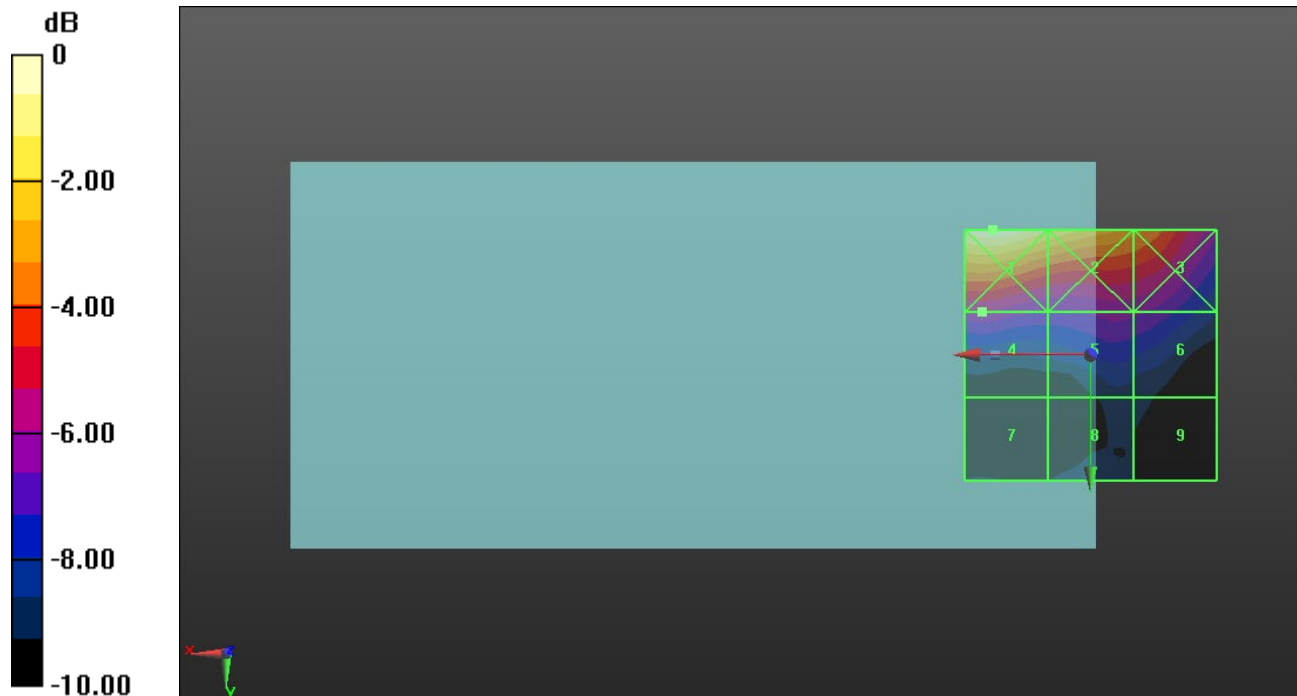
Applied MIF = 3.63 dB

RF audio interference level = 26.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.44 dBV/m	Grid 2 M3 31.36 dBV/m	Grid 3 M4 29.48 dBV/m
Grid 4 M4 26.4 dBV/m	Grid 5 M4 26.05 dBV/m	Grid 6 M4 25.95 dBV/m
Grid 7 M4 23.2 dBV/m	Grid 8 M4 23.54 dBV/m	Grid 9 M4 23.5 dBV/m



0 dB = 41.86 V/m = 32.44 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 = 22.35 V/m; Power Drift = -0.05 dB

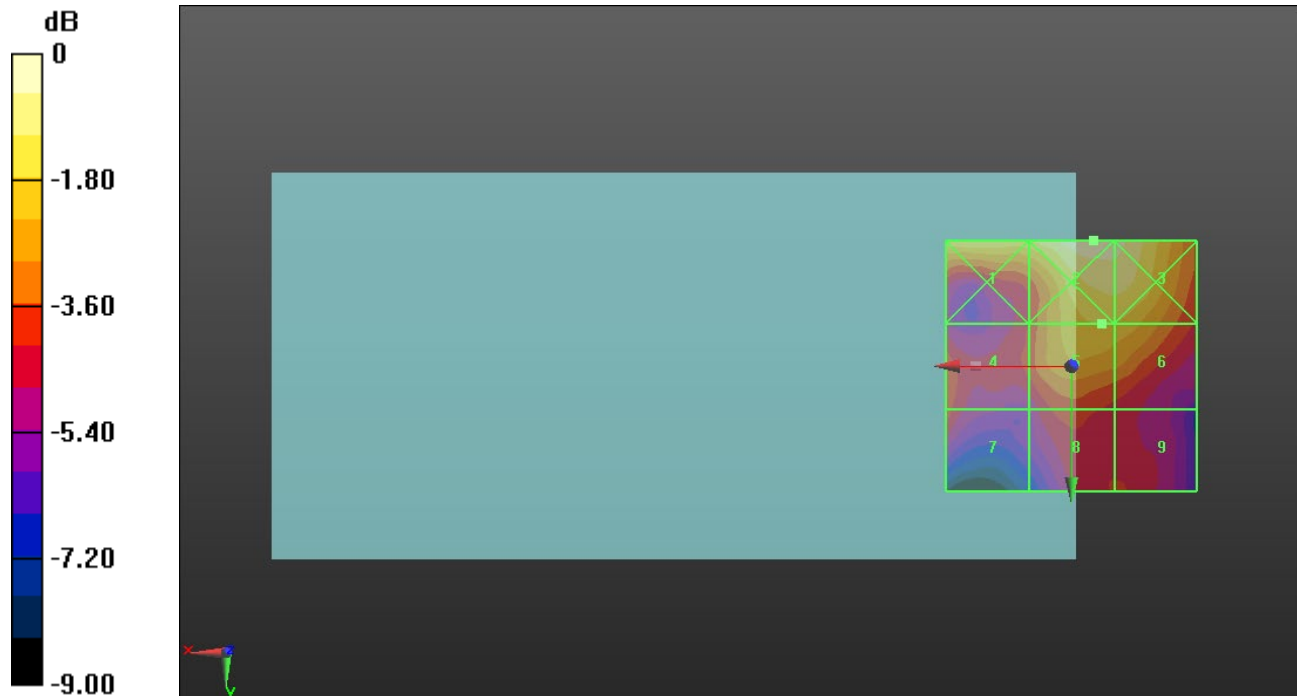
Applied MIF = -1.44 dB

RF audio interference level = 23.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.14 dBV/m	Grid 2 M4 25.19 dBV/m	Grid 3 M4 24.91 dBV/m
Grid 4 M4 21.74 dBV/m	Grid 5 M4 23.41 dBV/m	Grid 6 M4 23.36 dBV/m
Grid 7 M4 21.49 dBV/m	Grid 8 M4 21.37 dBV/m	Grid 9 M4 21.06 dBV/m



0 dB = 18.18 V/m = 25.19 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_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 = 26.14 V/m; Power Drift = 0.06 dB

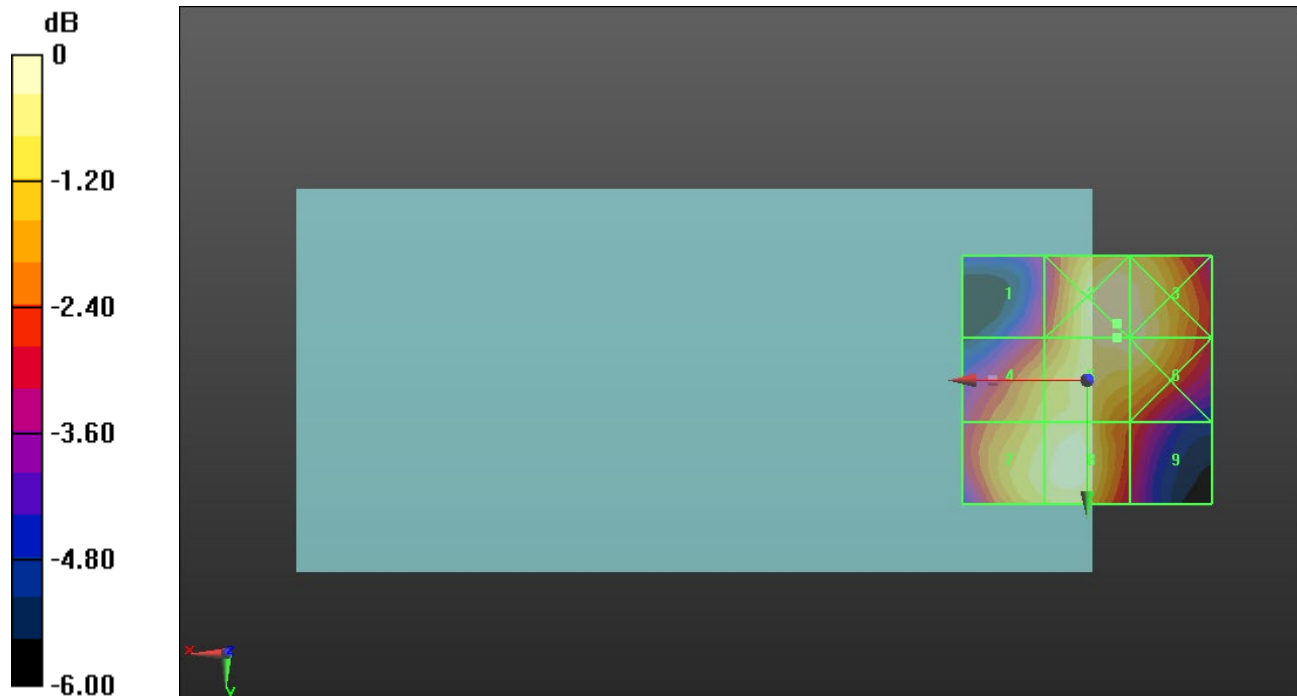
Applied MIF = -1.44 dB

RF audio interference level = 24.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.9 dBV/m	Grid 2 M4 24.49 dBV/m	Grid 3 M4 24.42 dBV/m
Grid 4 M4 23.6 dBV/m	Grid 5 M4 24.36 dBV/m	Grid 6 M4 24.33 dBV/m
Grid 7 M4 24.02 dBV/m	Grid 8 M4 24.33 dBV/m	Grid 9 M4 22.18 dBV/m



0 dB = 16.78 V/m = 24.50 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 = 28.57 V/m; Power Drift = -0.04 dB

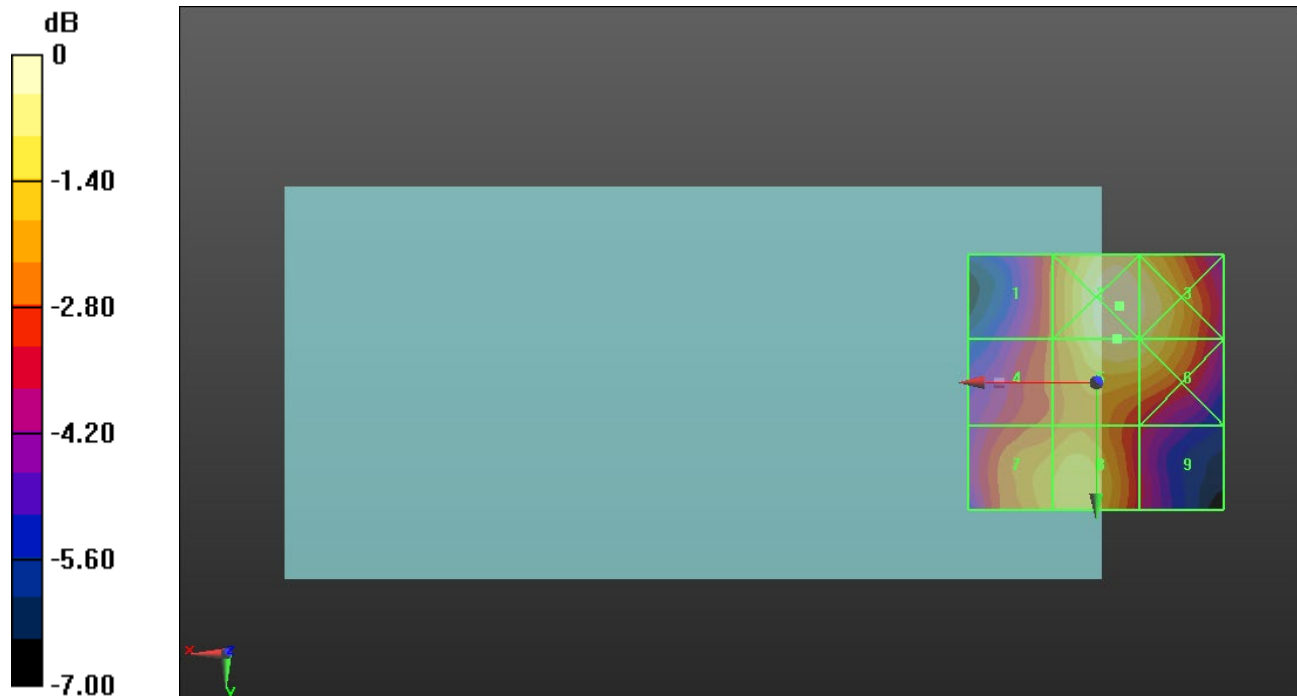
Applied MIF = -1.44 dB

RF audio interference level = 25.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.55 dBV/m	Grid 2 M4 26.07 dBV/m	Grid 3 M4 25.75 dBV/m
Grid 4 M4 23.61 dBV/m	Grid 5 M4 25.72 dBV/m	Grid 6 M4 25.42 dBV/m
Grid 7 M4 24.7 dBV/m	Grid 8 M4 25.08 dBV/m	Grid 9 M4 22.62 dBV/m



0 dB = 20.11 V/m = 26.07 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 = 30.84 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.08 dBV/m	Grid 2 M4 27.35 dBV/m	Grid 3 M4 26.67 dBV/m
Grid 4 M4 24.68 dBV/m	Grid 5 M4 26.8 dBV/m	Grid 6 M4 26.19 dBV/m
Grid 7 M4 24.46 dBV/m	Grid 8 M4 24.72 dBV/m	Grid 9 M4 23.31 dBV/m



0 dB = 23.30 V/m = 27.35 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 = 31.29 V/m; Power Drift = 0.07 dB

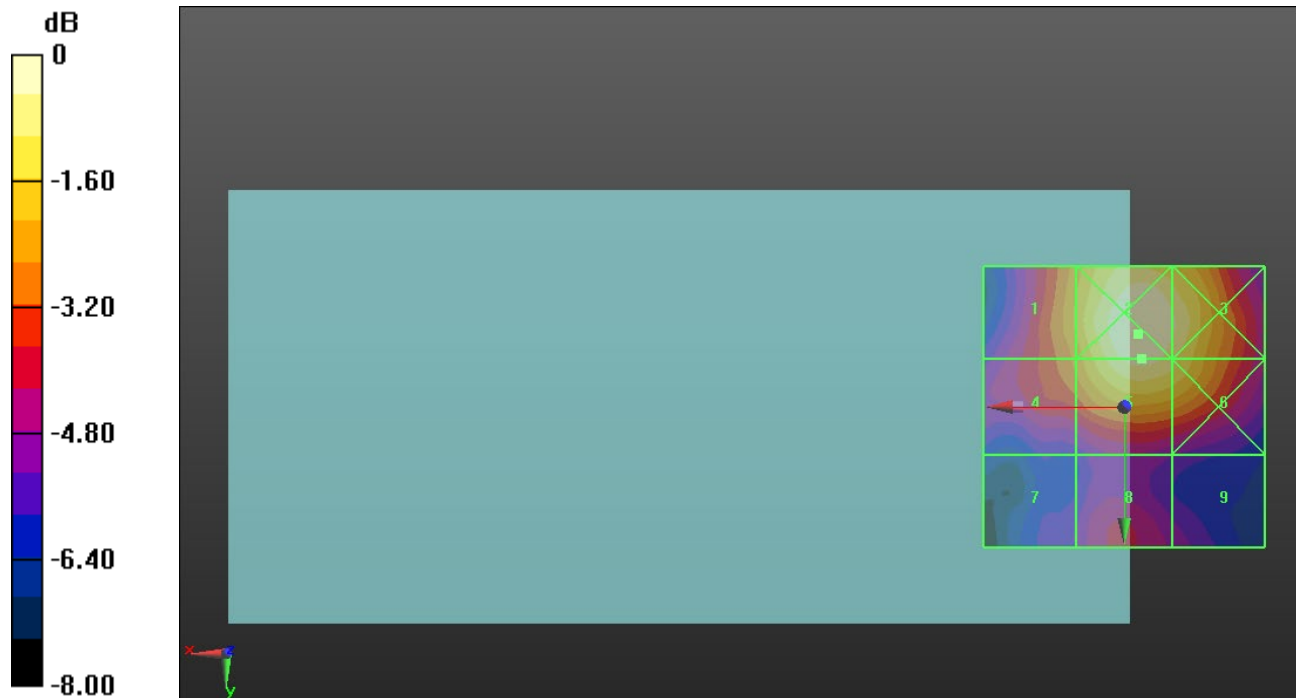
Applied MIF = -1.44 dB

RF audio interference level = 26.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.3 dBV/m	Grid 2 M4 27.28 dBV/m	Grid 3 M4 26.84 dBV/m
Grid 4 M4 24.84 dBV/m	Grid 5 M4 26.94 dBV/m	Grid 6 M4 26.4 dBV/m
Grid 7 M4 22.04 dBV/m	Grid 8 M4 23.13 dBV/m	Grid 9 M4 22.39 dBV/m



0 dB = 23.11 V/m = 27.28 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 = 24.47 V/m; Power Drift = -0.09 dB

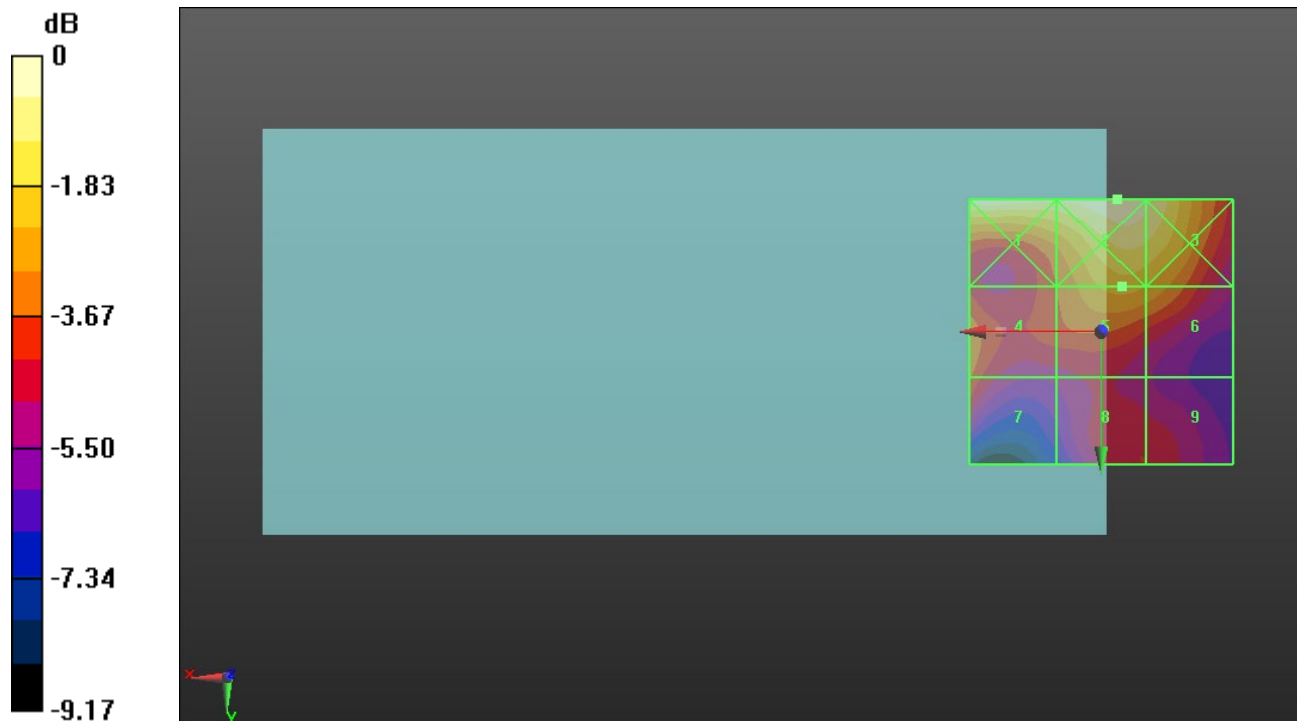
Applied MIF = -1.44 dB

RF audio interference level = 24.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.45 dBV/m	Grid 2 M4 26.46 dBV/m	Grid 3 M4 26.02 dBV/m
Grid 4 M4 23.44 dBV/m	Grid 5 M4 24.27 dBV/m	Grid 6 M4 23.97 dBV/m
Grid 7 M4 22.95 dBV/m	Grid 8 M4 22.2 dBV/m	Grid 9 M4 22.2 dBV/m



0 dB = 21.03 V/m = 26.46 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 = 37.56 V/m; Power Drift = -0.07 dB

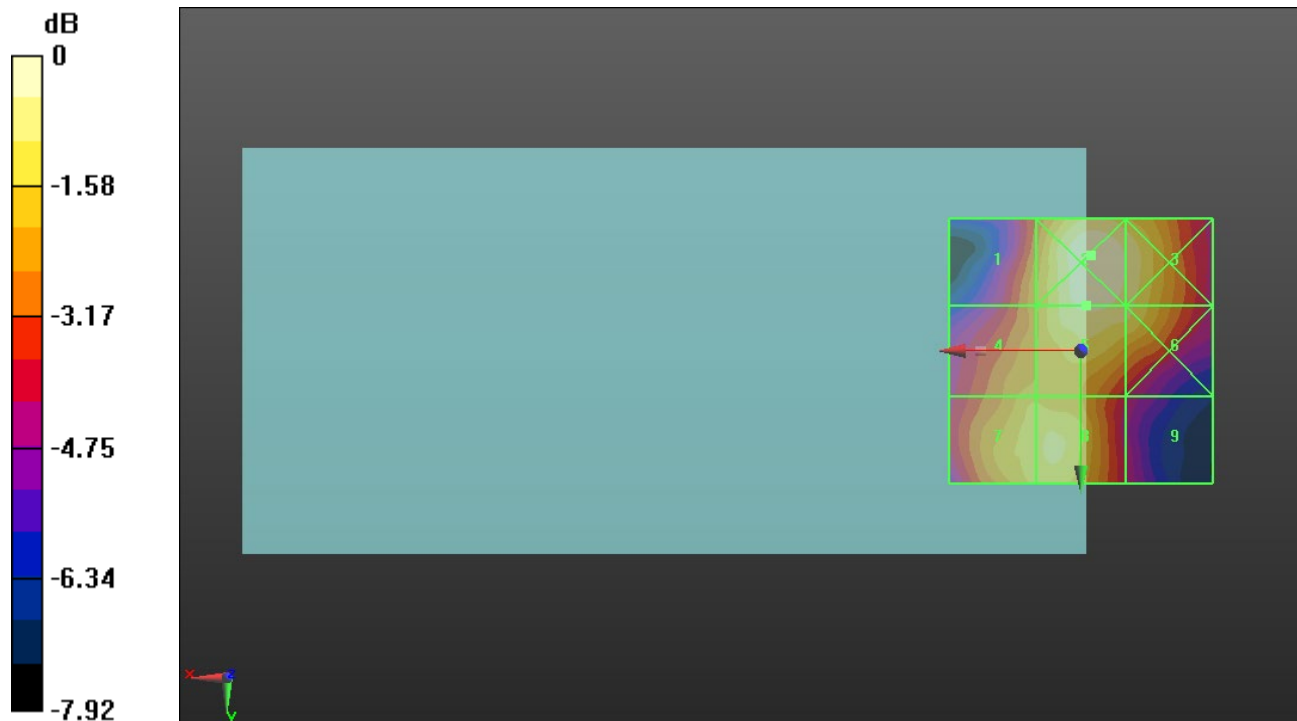
Applied MIF = -1.44 dB

RF audio interference level = 27.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.78 dBV/m	Grid 2 M4 27.92 dBV/m	Grid 3 M4 27.38 dBV/m
Grid 4 M4 26.19 dBV/m	Grid 5 M4 27.59 dBV/m	Grid 6 M4 27.09 dBV/m
Grid 7 M4 26.72 dBV/m	Grid 8 M4 27 dBV/m	Grid 9 M4 23.87 dBV/m



0 dB = 24.89 V/m = 27.92 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 = 41.17 V/m; Power Drift = 0.01 dB

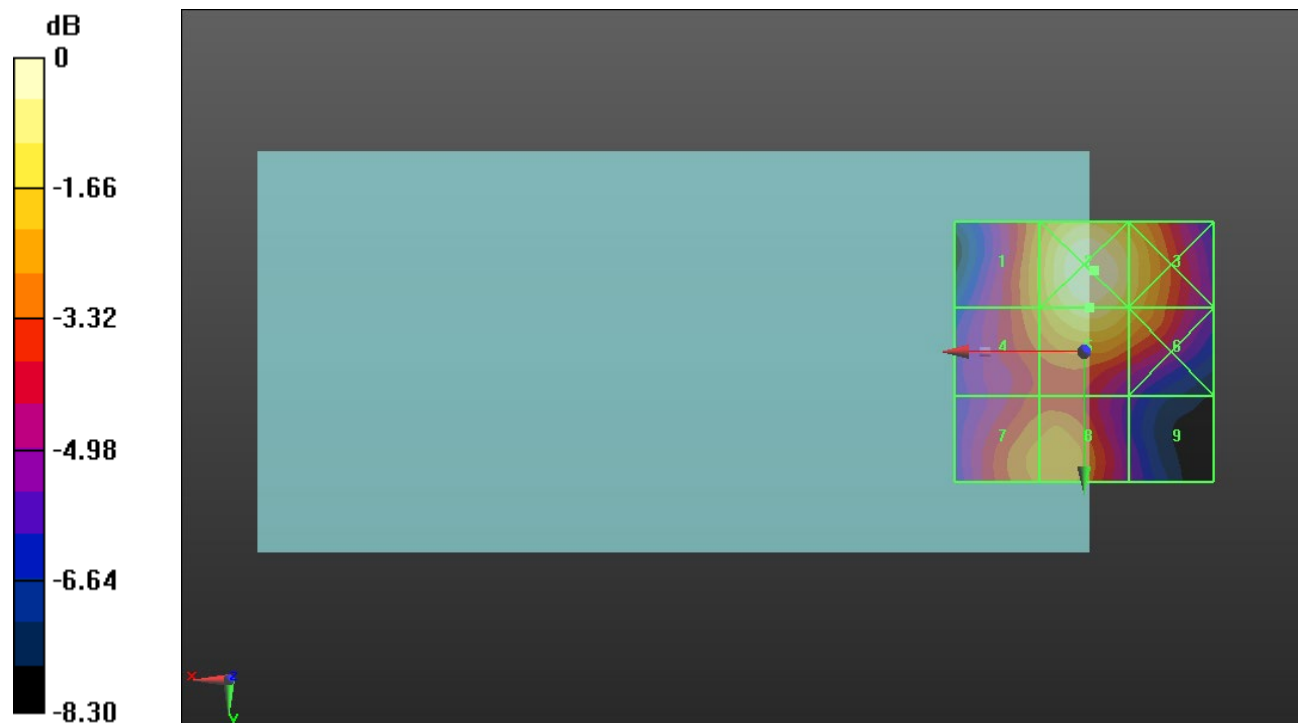
Applied MIF = -1.44 dB

RF audio interference level = 29.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.83 dBV/m	Grid 2 M4 29.8 dBV/m	Grid 3 M4 28.7 dBV/m
Grid 4 M4 27.53 dBV/m	Grid 5 M4 29.1 dBV/m	Grid 6 M4 28.19 dBV/m
Grid 7 M4 27.31 dBV/m	Grid 8 M4 27.4 dBV/m	Grid 9 M4 24.54 dBV/m



0 dB = 30.91 V/m = 29.80 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 = 40.95 V/m; Power Drift = -0.12 dB

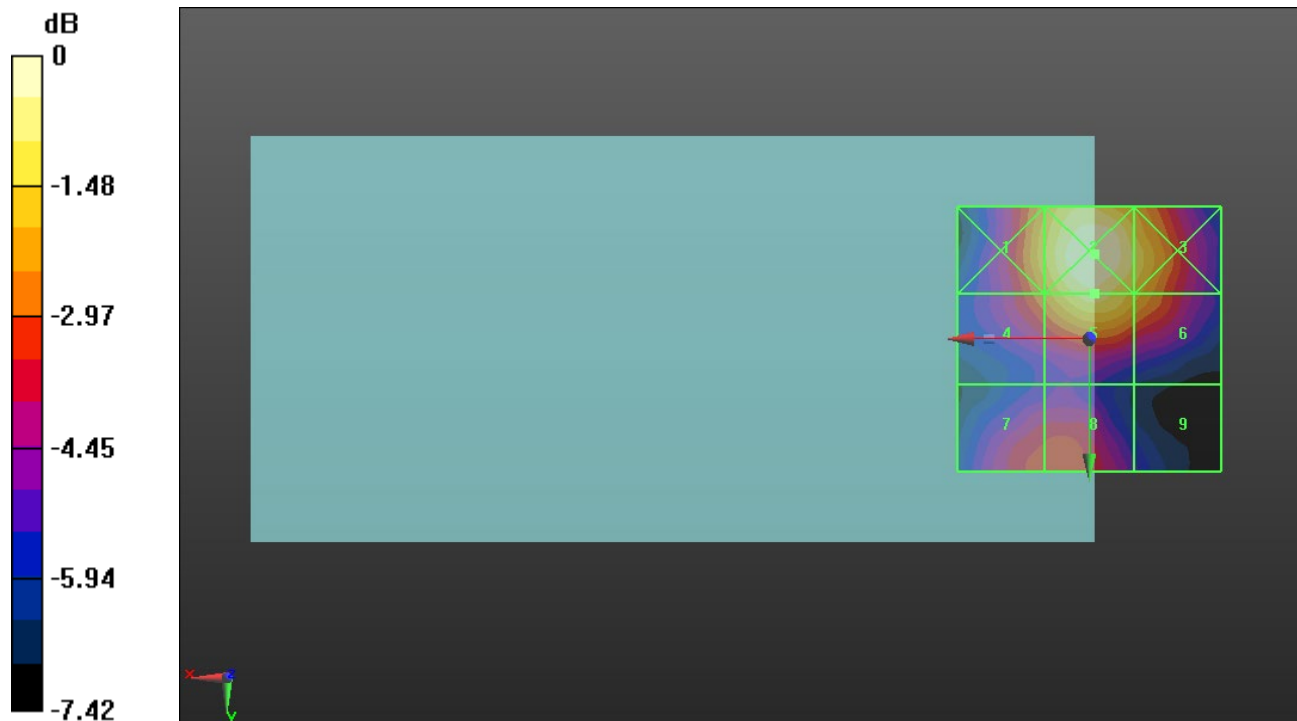
Applied MIF = -1.44 dB

RF audio interference level = 29.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.55 dBV/m	Grid 2 M3 30.1 dBV/m	Grid 3 M4 29.07 dBV/m
Grid 4 M4 27.75 dBV/m	Grid 5 M4 29.4 dBV/m	Grid 6 M4 28.39 dBV/m
Grid 7 M4 26.96 dBV/m	Grid 8 M4 27.03 dBV/m	Grid 9 M4 24.86 dBV/m



0 dB = 31.99 V/m = 30.10 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_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 = 40.49 V/m; Power Drift = -0.07 dB

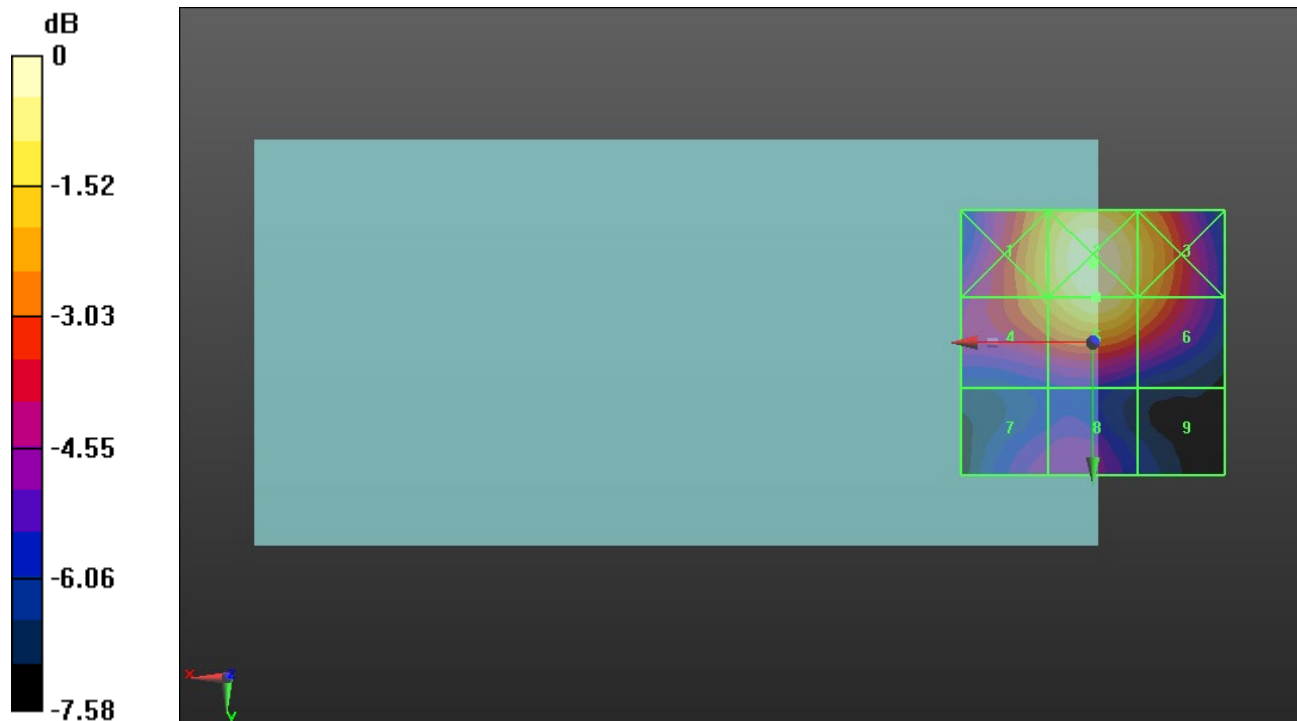
Applied MIF = -1.44 dB

RF audio interference level = 29.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.25 dBV/m	Grid 2 M4 29.58 dBV/m	Grid 3 M4 28.32 dBV/m
Grid 4 M4 27.87 dBV/m	Grid 5 M4 29.11 dBV/m	Grid 6 M4 27.93 dBV/m
Grid 7 M4 24.9 dBV/m	Grid 8 M4 25.02 dBV/m	Grid 9 M4 23.65 dBV/m



0 dB = 30.15 V/m = 29.59 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 = 47.52 V/m; Power Drift = -0.02 dB

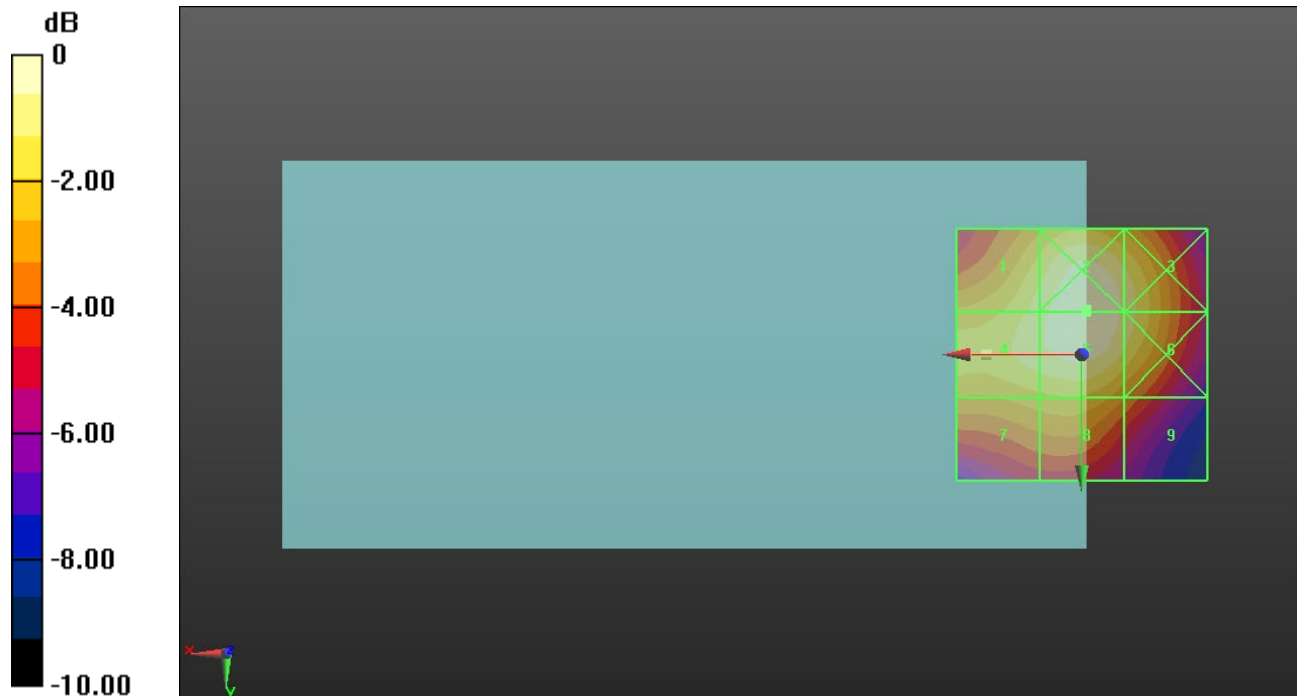
Applied MIF = -1.44 dB

RF audio interference level = 29.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.09 dBV/m	Grid 2 M4 29.06 dBV/m	Grid 3 M4 28.22 dBV/m
Grid 4 M4 28.28 dBV/m	Grid 5 M4 29.06 dBV/m	Grid 6 M4 28.21 dBV/m
Grid 7 M4 26.85 dBV/m	Grid 8 M4 27.04 dBV/m	Grid 9 M4 25.79 dBV/m



0 dB = 28.37 V/m = 29.06 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 = 19.02 V/m; Power Drift = -0.09 dB

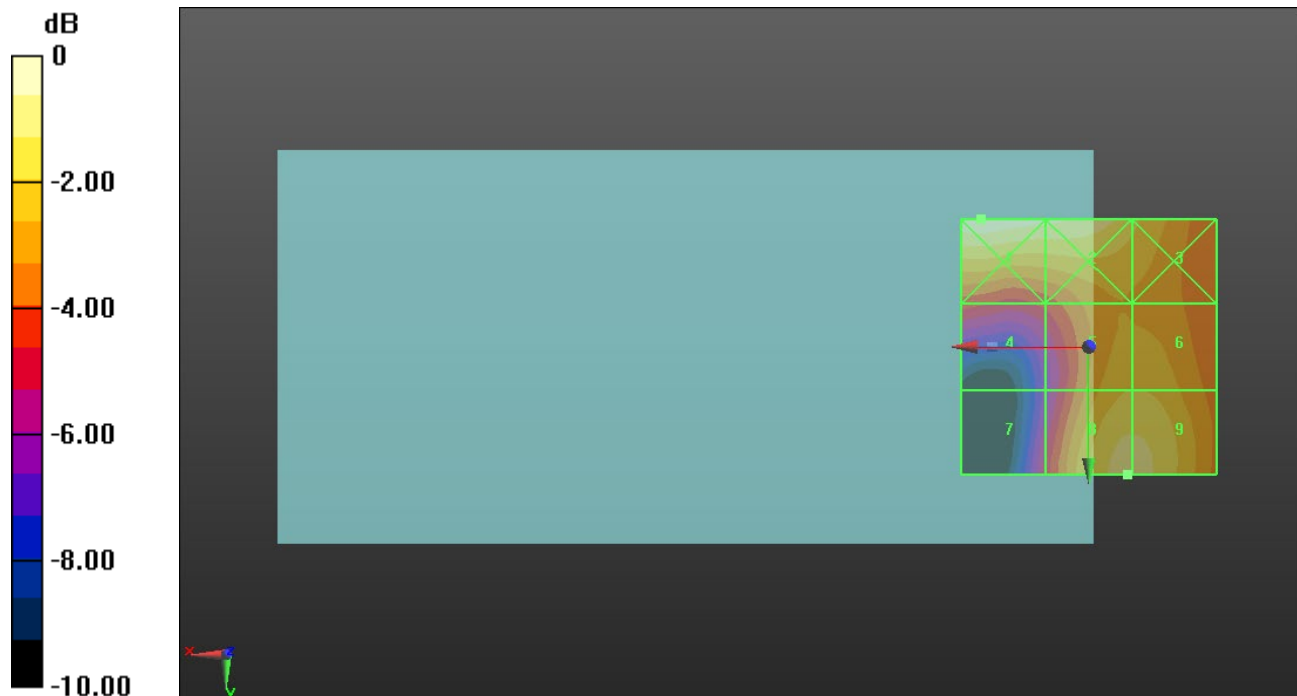
Applied MIF = 3.63 dB

RF audio interference level = 29.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.36 dBV/m	Grid 2 M4 29.91 dBV/m	Grid 3 M4 28.57 dBV/m
Grid 4 M4 26.02 dBV/m	Grid 5 M4 28.37 dBV/m	Grid 6 M4 28.38 dBV/m
Grid 7 M4 25.33 dBV/m	Grid 8 M4 29.29 dBV/m	Grid 9 M4 29.28 dBV/m



0 dB = 32.97 V/m = 30.36 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 = 20.95 V/m; Power Drift = -0.01 dB

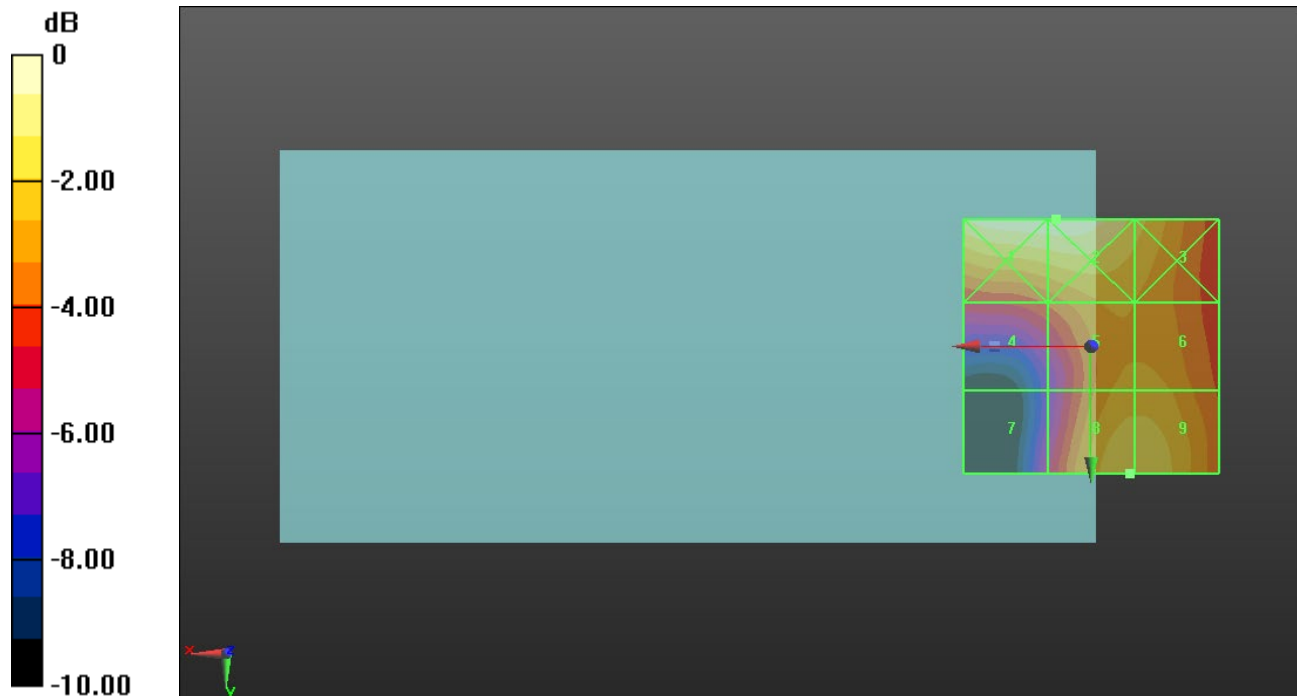
Applied MIF = 3.63 dB

RF audio interference level = 29.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.28 dBV/m	Grid 2 M3 31.29 dBV/m	Grid 3 M4 29.7 dBV/m
Grid 4 M4 27.43 dBV/m	Grid 5 M4 28.91 dBV/m	Grid 6 M4 28.91 dBV/m
Grid 7 M4 25.76 dBV/m	Grid 8 M4 29.94 dBV/m	Grid 9 M4 29.94 dBV/m



0 dB = 36.69 V/m = 31.29 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 = 21.80 V/m; Power Drift = 0.03 dB

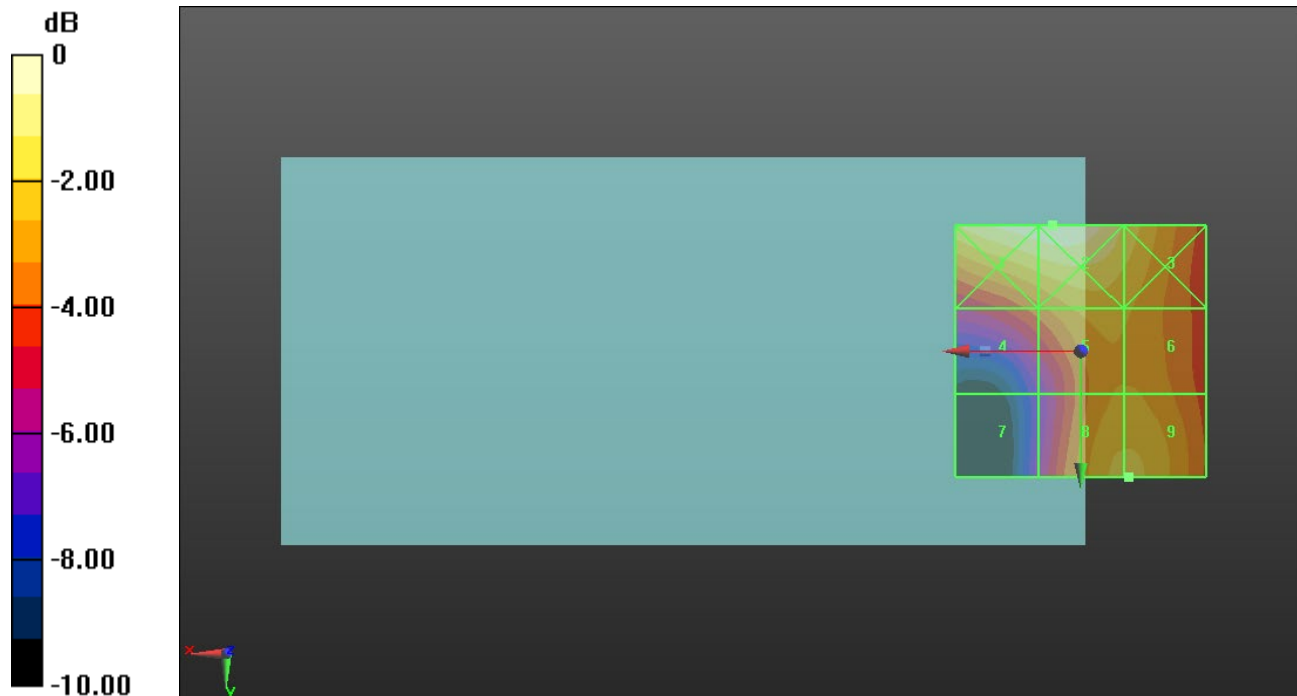
Applied MIF = 3.63 dB

RF audio interference level = 29.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.42 dBV/m	Grid 2 M3 31.54 dBV/m	Grid 3 M3 30.16 dBV/m
Grid 4 M4 27.94 dBV/m	Grid 5 M4 29.2 dBV/m	Grid 6 M4 29.02 dBV/m
Grid 7 M4 25.33 dBV/m	Grid 8 M4 29.72 dBV/m	Grid 9 M4 29.73 dBV/m



0 dB = 37.74 V/m = 31.54 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 = 16.98 V/m; Power Drift = -0.14 dB

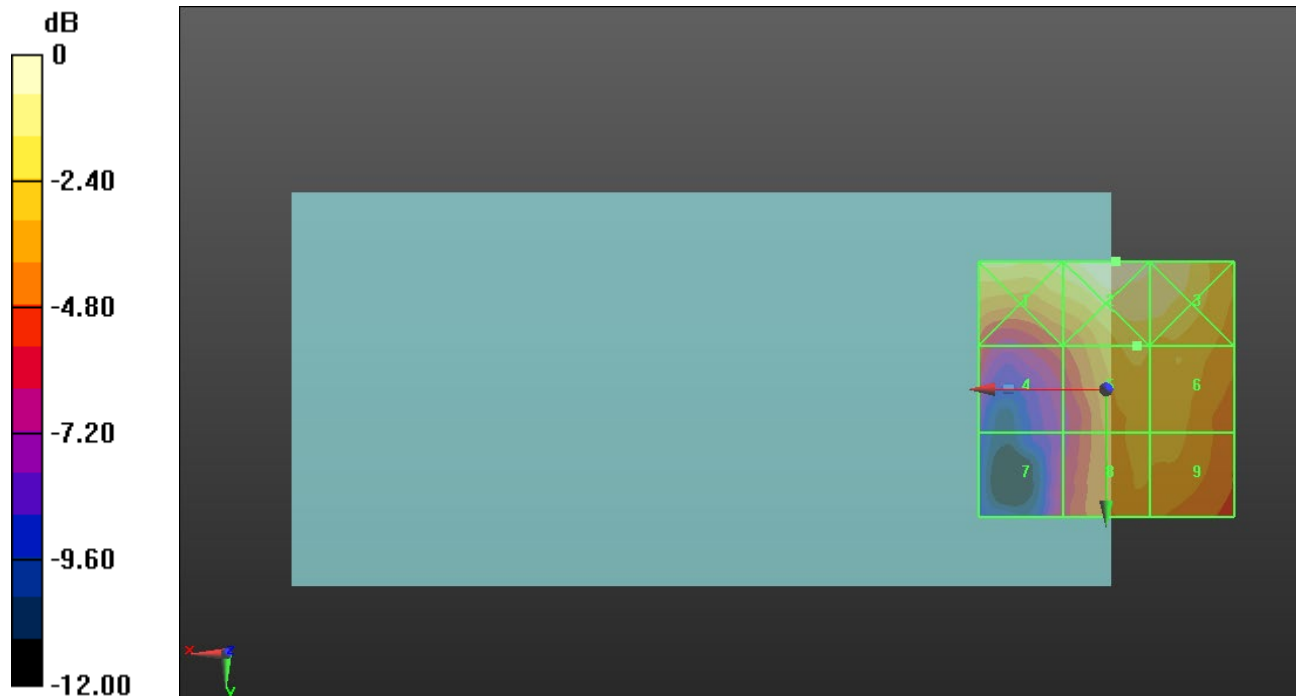
Applied MIF = -1.44 dB

RF audio interference level = 22.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.01 dBV/m	Grid 2 M4 25.15 dBV/m	Grid 3 M4 24.6 dBV/m
Grid 4 M4 20.31 dBV/m	Grid 5 M4 22.96 dBV/m	Grid 6 M4 22.77 dBV/m
Grid 7 M4 19.2 dBV/m	Grid 8 M4 22.22 dBV/m	Grid 9 M4 22.23 dBV/m



0 dB = 18.08 V/m = 25.14 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 = 15.28 V/m; Power Drift = 0.12 dB

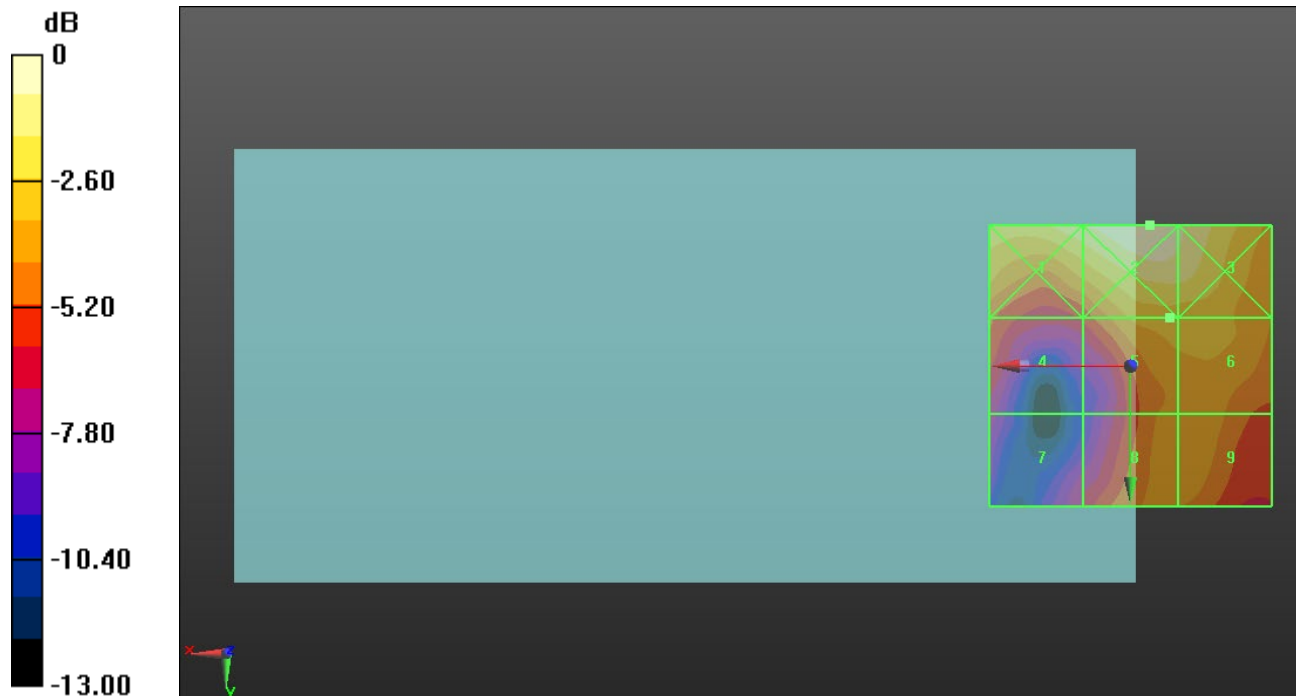
Applied MIF = -1.44 dB

RF audio interference level = 22.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.95 dBV/m	Grid 2 M4 25.84 dBV/m	Grid 3 M4 25.16 dBV/m
Grid 4 M4 20.9 dBV/m	Grid 5 M4 22.9 dBV/m	Grid 6 M4 22.88 dBV/m
Grid 7 M4 19.05 dBV/m	Grid 8 M4 22.2 dBV/m	Grid 9 M4 22.22 dBV/m



0 dB = 19.59 V/m = 25.84 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 = 16.47 V/m; Power Drift = 0.15 dB

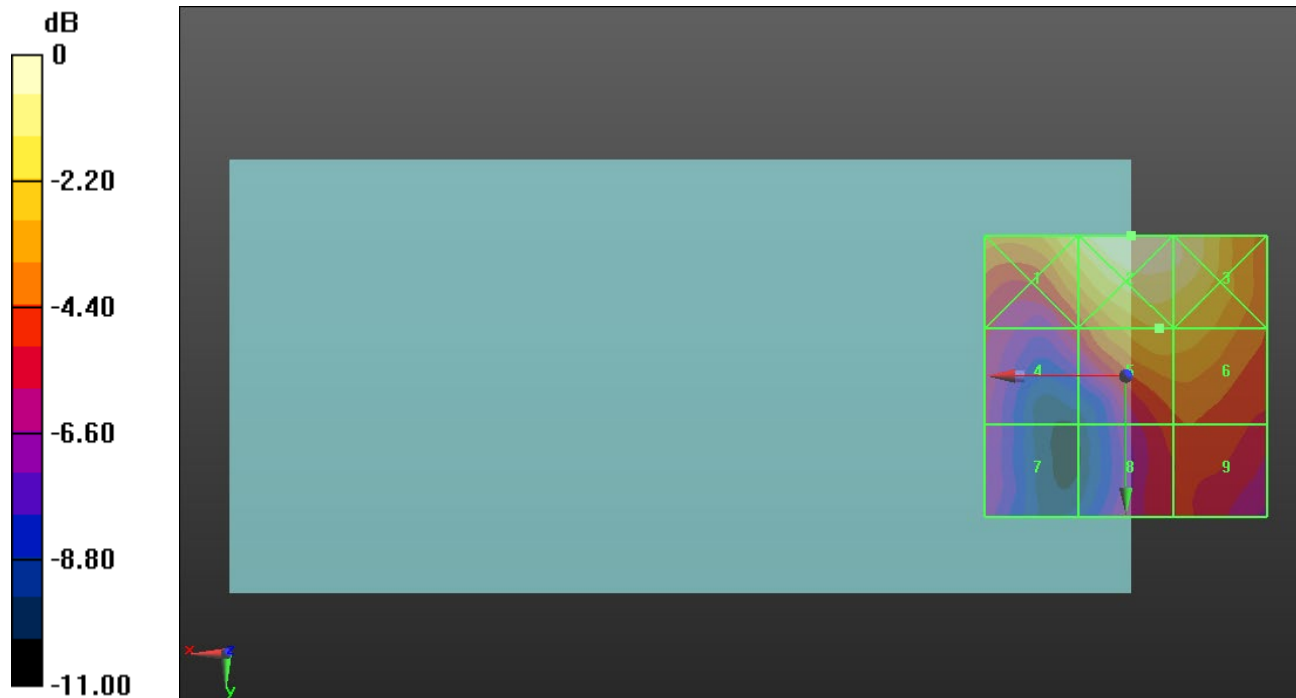
Applied MIF = -1.44 dB

RF audio interference level = 23.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.96 dBV/m	Grid 2 M4 25.98 dBV/m	Grid 3 M4 25.43 dBV/m
Grid 4 M4 20.99 dBV/m	Grid 5 M4 23.8 dBV/m	Grid 6 M4 23.69 dBV/m
Grid 7 M4 19.57 dBV/m	Grid 8 M4 21.4 dBV/m	Grid 9 M4 21.61 dBV/m



0 dB = 19.91 V/m = 25.98 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 = 18.08 V/m; Power Drift = -0.17 dB

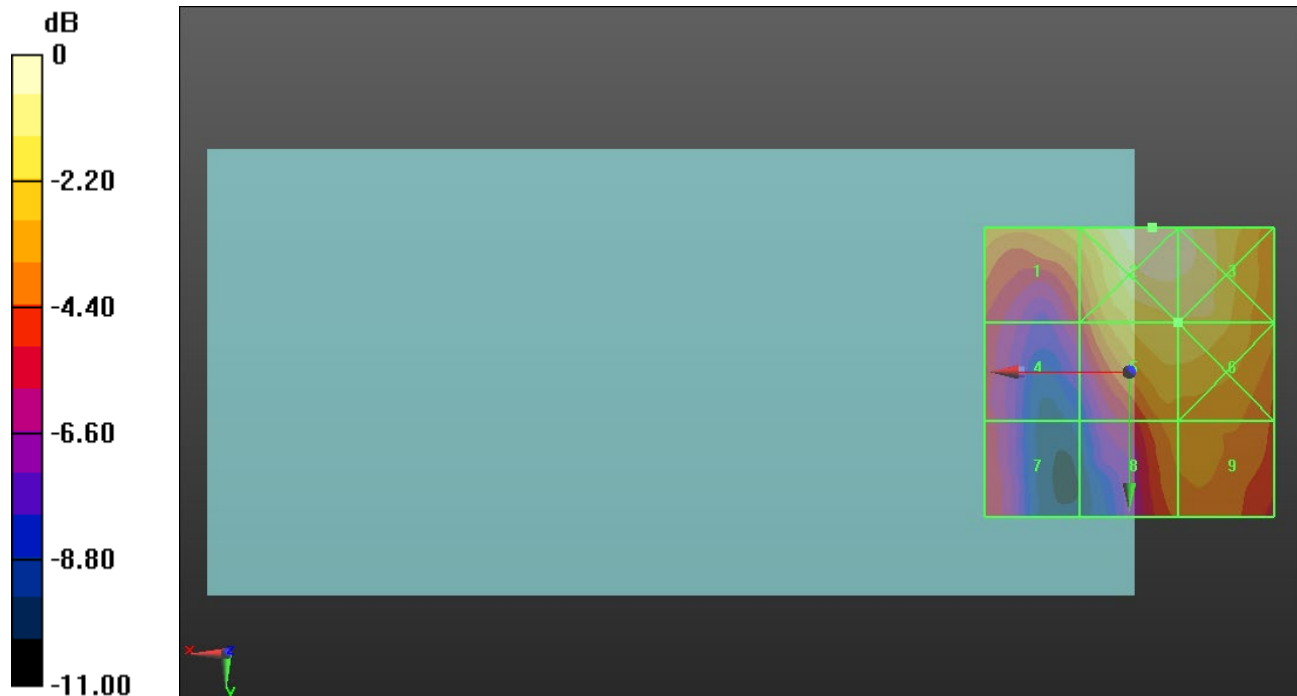
Applied MIF = -1.44 dB

RF audio interference level = 24.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.56 dBV/m	Grid 2 M4 25.82 dBV/m	Grid 3 M4 25.51 dBV/m
Grid 4 M4 20.68 dBV/m	Grid 5 M4 24.28 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 20.61 dBV/m	Grid 8 M4 22.55 dBV/m	Grid 9 M4 22.61 dBV/m



0 dB = 19.55 V/m = 25.82 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 = 19.35 V/m; Power Drift = -0.18 dB

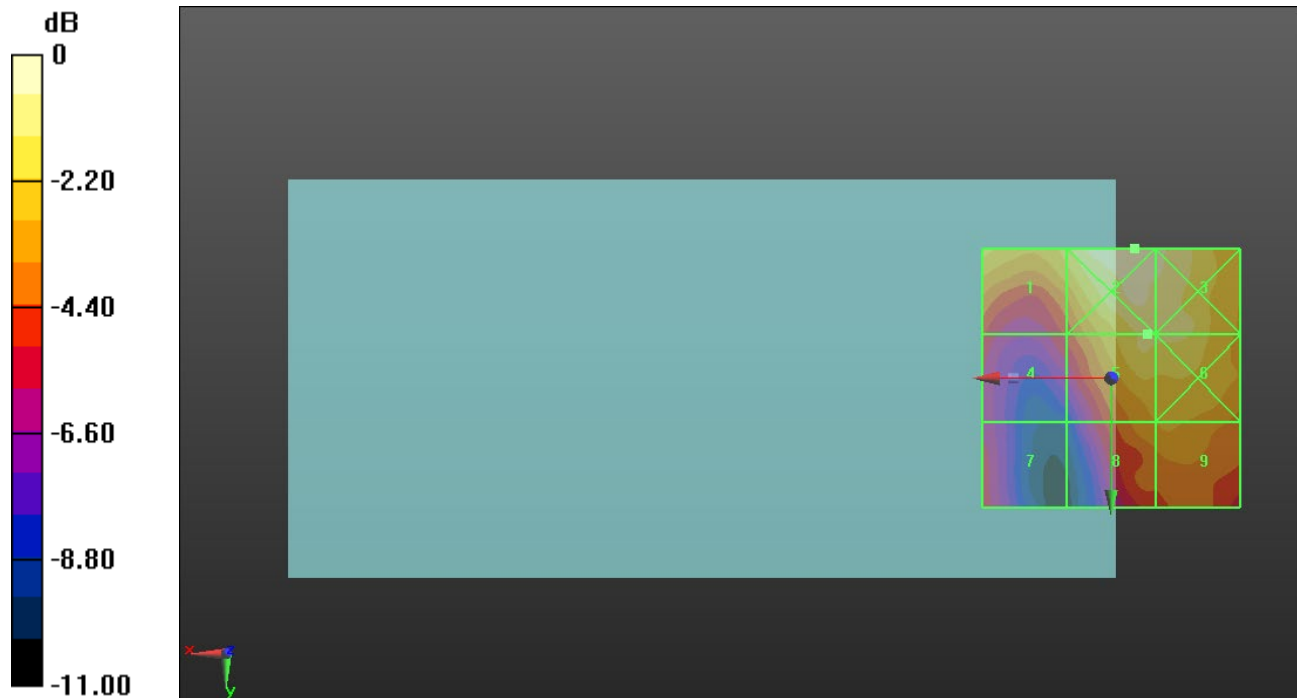
Applied MIF = -1.44 dB

RF audio interference level = 24.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.68 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 25.03 dBV/m
Grid 4 M4 20.66 dBV/m	Grid 5 M4 24.18 dBV/m	Grid 6 M4 24.15 dBV/m
Grid 7 M4 20.11 dBV/m	Grid 8 M4 22.57 dBV/m	Grid 9 M4 22.72 dBV/m



0 dB = 18.83 V/m = 25.50 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 = 14.45 V/m; Power Drift = 0.14 dB

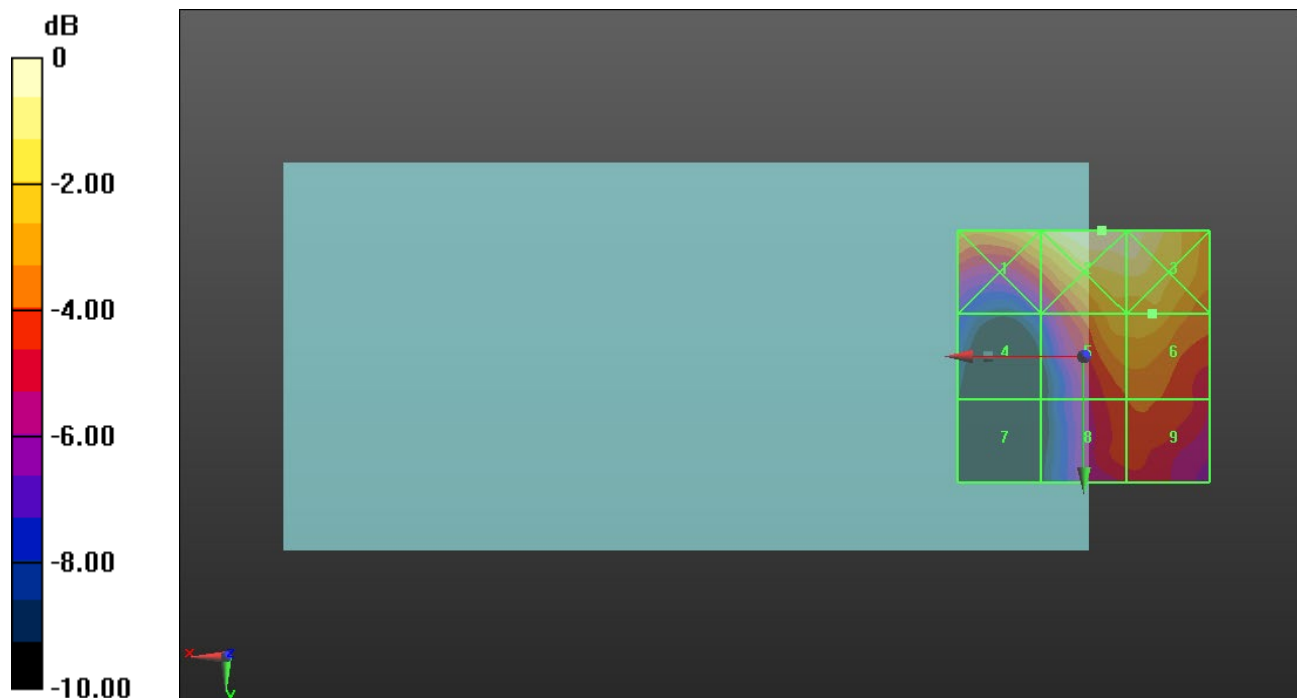
Applied MIF = -1.44 dB

RF audio interference level = 22.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.64 dBV/m	Grid 2 M4 24.95 dBV/m	Grid 3 M4 24.68 dBV/m
Grid 4 M4 17.95 dBV/m	Grid 5 M4 22.63 dBV/m	Grid 6 M4 22.72 dBV/m
Grid 7 M4 15.66 dBV/m	Grid 8 M4 20.94 dBV/m	Grid 9 M4 21.09 dBV/m



0 dB = 17.67 V/m = 24.94 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 = 15.12 V/m; Power Drift = -0.26 dB

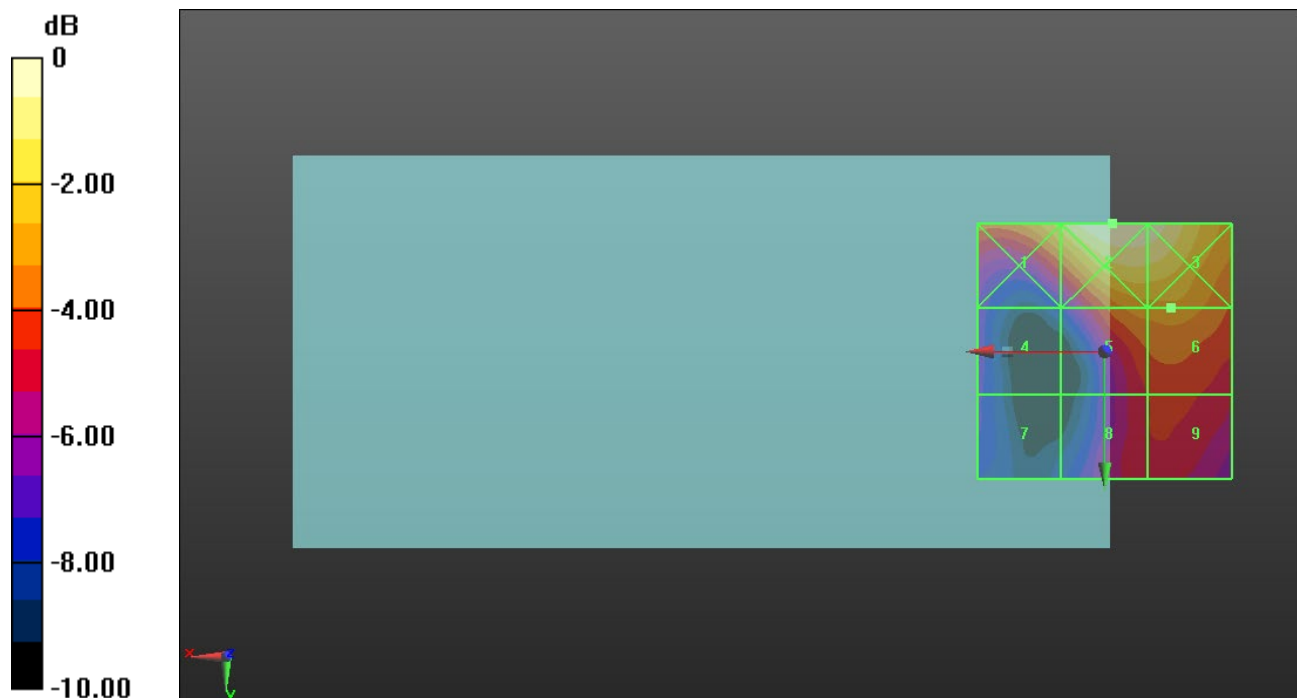
Applied MIF = -1.44 dB

RF audio interference level = 23.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.83 dBV/m	Grid 2 M4 26.41 dBV/m	Grid 3 M4 26.2 dBV/m
Grid 4 M4 19.84 dBV/m	Grid 5 M4 23.46 dBV/m	Grid 6 M4 23.55 dBV/m
Grid 7 M4 19.36 dBV/m	Grid 8 M4 21.78 dBV/m	Grid 9 M4 22.03 dBV/m



0 dB = 20.92 V/m = 26.41 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 = 16.21 V/m; Power Drift = 0.20 dB

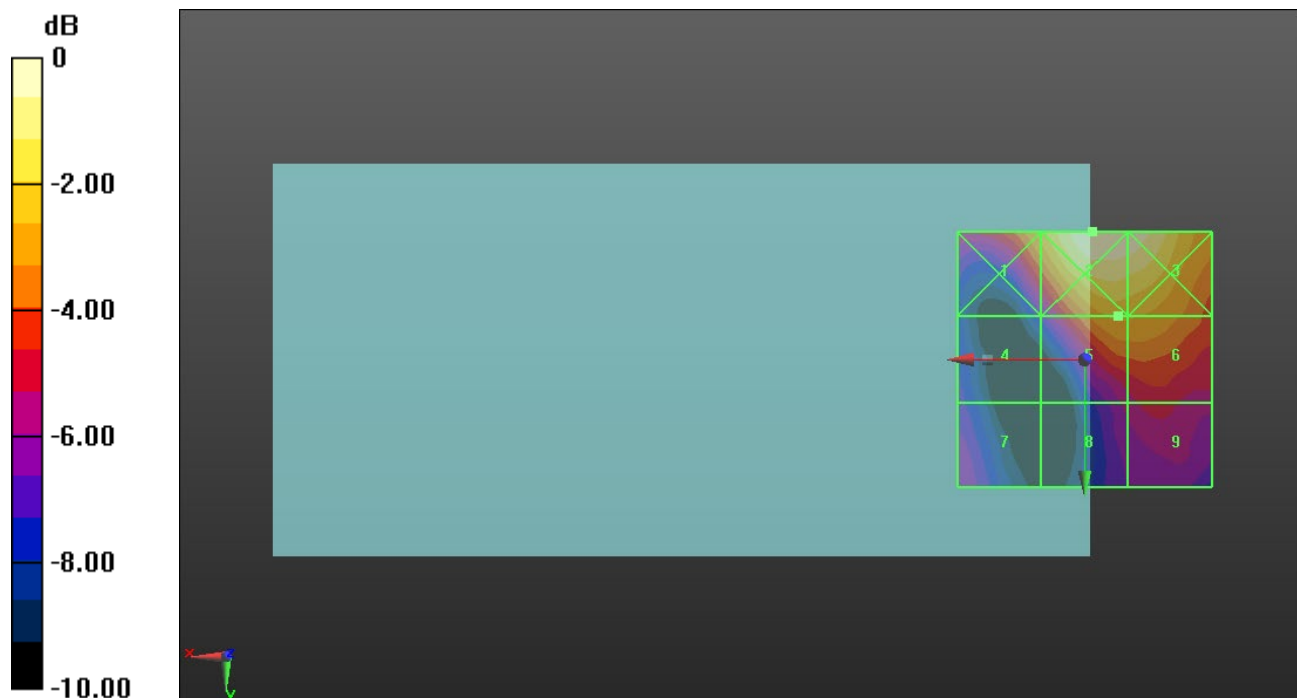
Applied MIF = -1.44 dB

RF audio interference level = 24.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.86 dBV/m	Grid 2 M4 27.12 dBV/m	Grid 3 M4 26.95 dBV/m
Grid 4 M4 20.18 dBV/m	Grid 5 M4 24.62 dBV/m	Grid 6 M4 24.55 dBV/m
Grid 7 M4 21.2 dBV/m	Grid 8 M4 21.48 dBV/m	Grid 9 M4 22.16 dBV/m



0 dB = 22.71 V/m = 27.12 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 = 17.93 V/m; Power Drift = 0.07 dB

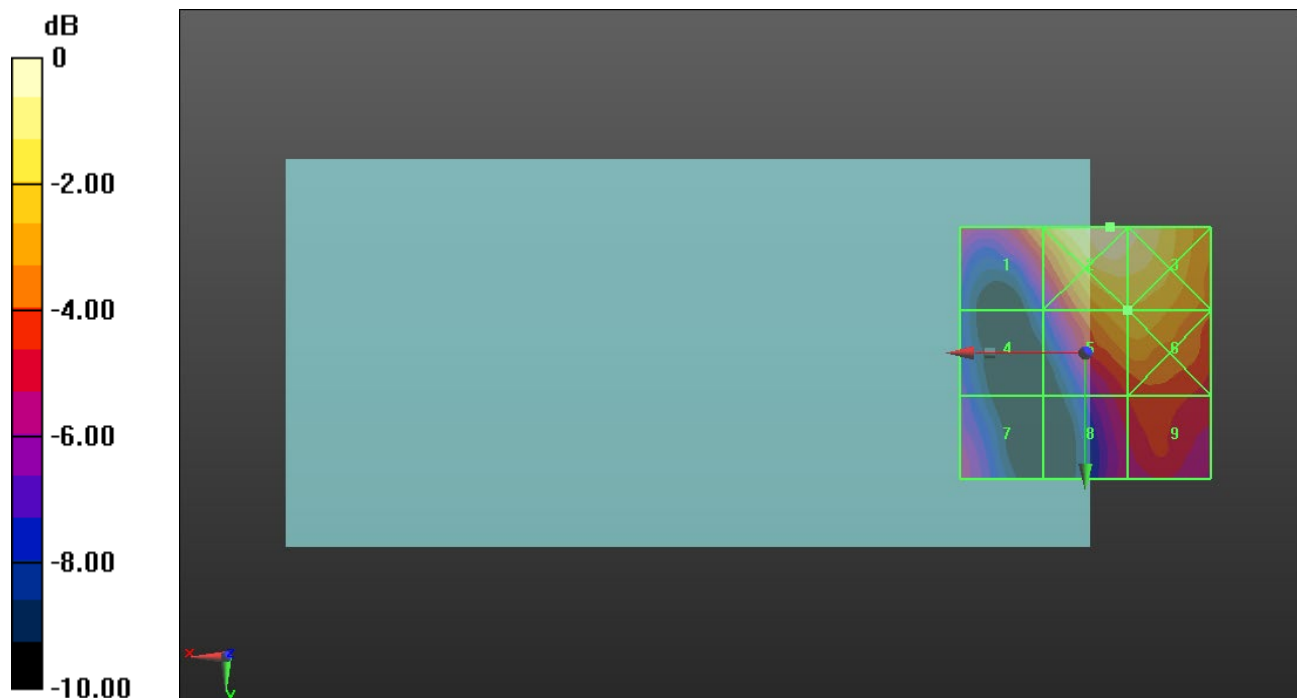
Applied MIF = -1.44 dB

RF audio interference level = 24.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.35 dBV/m	Grid 2 M4 26.96 dBV/m	Grid 3 M4 26.62 dBV/m
Grid 4 M4 20.39 dBV/m	Grid 5 M4 24.84 dBV/m	Grid 6 M4 24.85 dBV/m
Grid 7 M4 21.46 dBV/m	Grid 8 M4 22.39 dBV/m	Grid 9 M4 22.79 dBV/m



0 dB = 22.29 V/m = 26.96 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 = 16.42 V/m; Power Drift = -0.01 dB

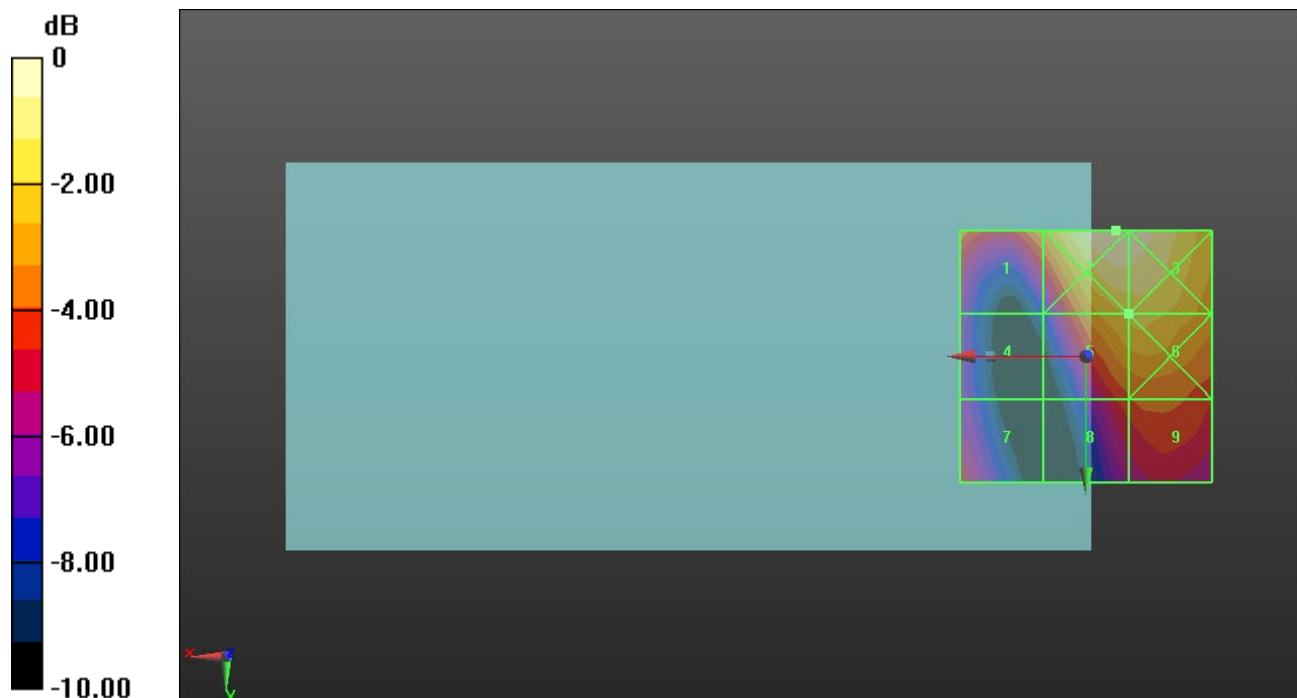
Applied MIF = -1.44 dB

RF audio interference level = 23.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.15 dBV/m	Grid 2 M4 25.88 dBV/m	Grid 3 M4 25.72 dBV/m
Grid 4 M4 19.96 dBV/m	Grid 5 M4 23.97 dBV/m	Grid 6 M4 24.09 dBV/m
Grid 7 M4 21.01 dBV/m	Grid 8 M4 21.76 dBV/m	Grid 9 M4 22.16 dBV/m



0 dB = 19.67 V/m = 25.88 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 = 9.737 V/m; Power Drift = -0.22 dB

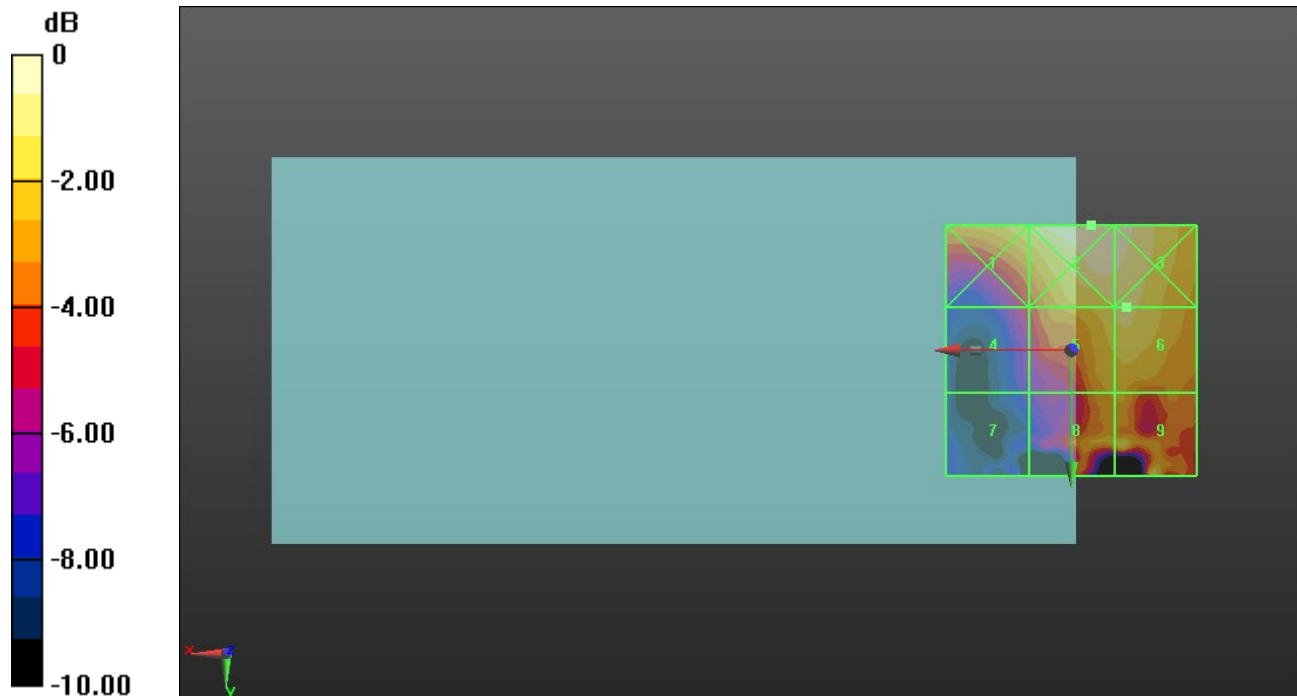
Applied MIF = -2.02 dB

RF audio interference level = 17.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.58 dBV/m	Grid 2 M4 18.64 dBV/m	Grid 3 M4 18.46 dBV/m
Grid 4 M4 14.01 dBV/m	Grid 5 M4 17.32 dBV/m	Grid 6 M4 17.43 dBV/m
Grid 7 M4 11.75 dBV/m	Grid 8 M4 16.52 dBV/m	Grid 9 M4 17.32 dBV/m



0 dB = 8.546 V/m = 18.64 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 = 9.190 V/m; Power Drift = -0.01 dB

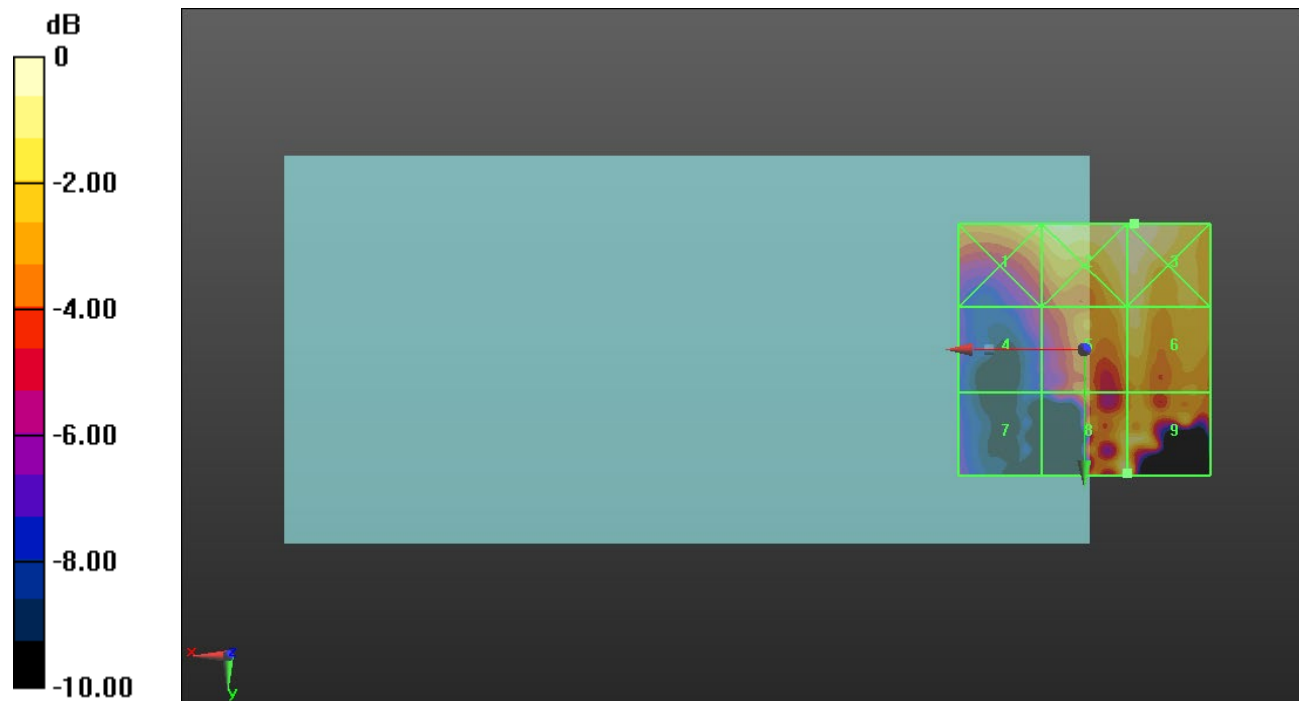
Applied MIF = -2.02 dB

RF audio interference level = 17.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.15 dBV/m	Grid 2 M4 17.97 dBV/m	Grid 3 M4 18.05 dBV/m
Grid 4 M4 12.8 dBV/m	Grid 5 M4 16.73 dBV/m	Grid 6 M4 16.95 dBV/m
Grid 7 M4 11.9 dBV/m	Grid 8 M4 17.89 dBV/m	Grid 9 M4 17.89 dBV/m



0 dB = 7.986 V/m = 18.05 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 = 8.365 V/m; Power Drift = -0.12 dB

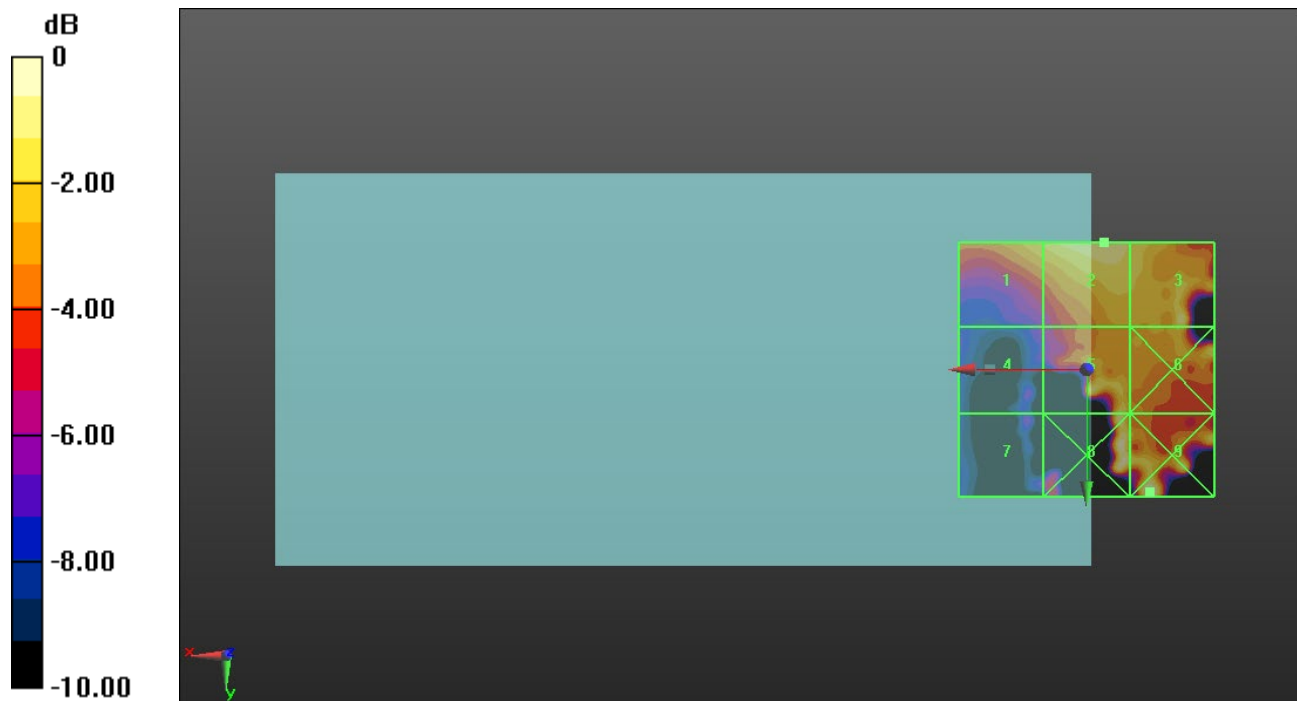
Applied MIF = -2.02 dB

RF audio interference level = 17.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.89 dBV/m	Grid 2 M4 17.9 dBV/m	Grid 3 M4 17.81 dBV/m
Grid 4 M4 12.47 dBV/m	Grid 5 M4 17.56 dBV/m	Grid 6 M4 17.39 dBV/m
Grid 7 M4 12.44 dBV/m	Grid 8 M4 18.5 dBV/m	Grid 9 M4 18.65 dBV/m



0 dB = 8.562 V/m = 18.65 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 = 8.636 V/m; Power Drift = -0.15 dB

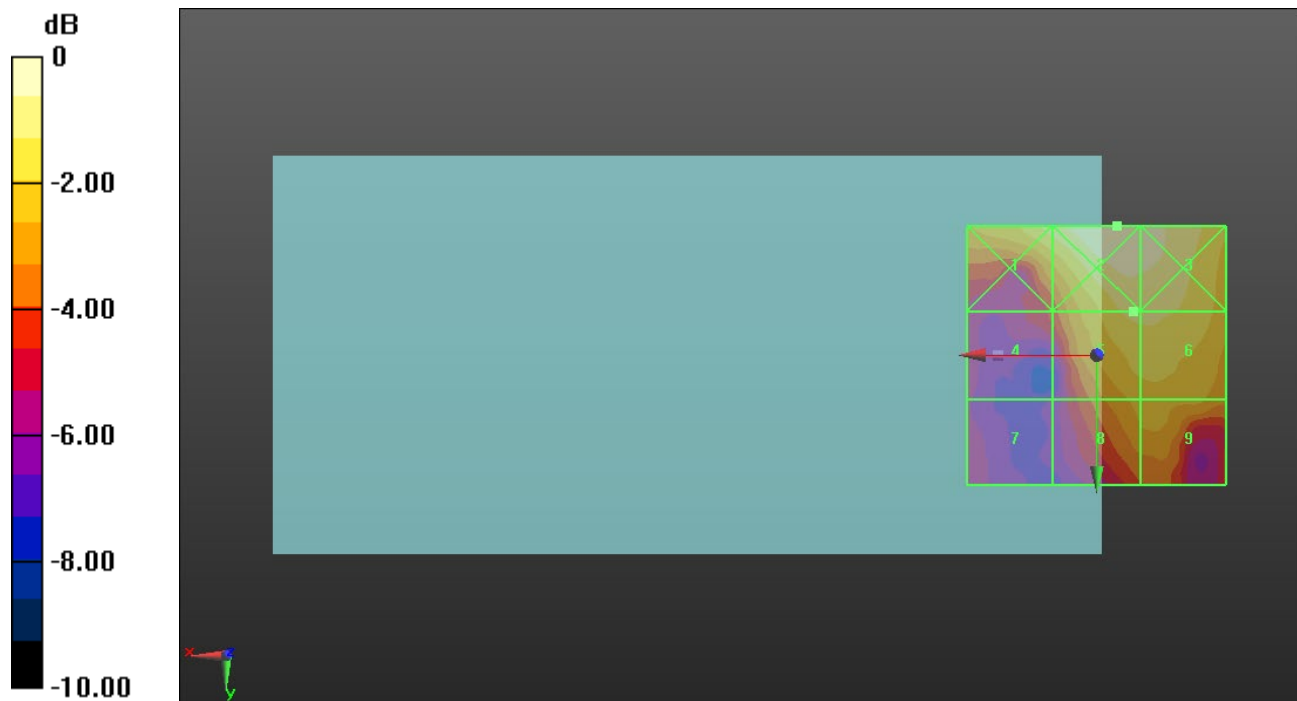
Applied MIF = 0.12 dB

RF audio interference level = 19.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.47 dBV/m	Grid 2 M4 20.42 dBV/m	Grid 3 M4 20.19 dBV/m
Grid 4 M4 16.08 dBV/m	Grid 5 M4 19.23 dBV/m	Grid 6 M4 19.22 dBV/m
Grid 7 M4 15.07 dBV/m	Grid 8 M4 18.12 dBV/m	Grid 9 M4 18.25 dBV/m



0 dB = 10.50 V/m = 20.42 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 = 8.629 V/m; Power Drift = 0.01 dB

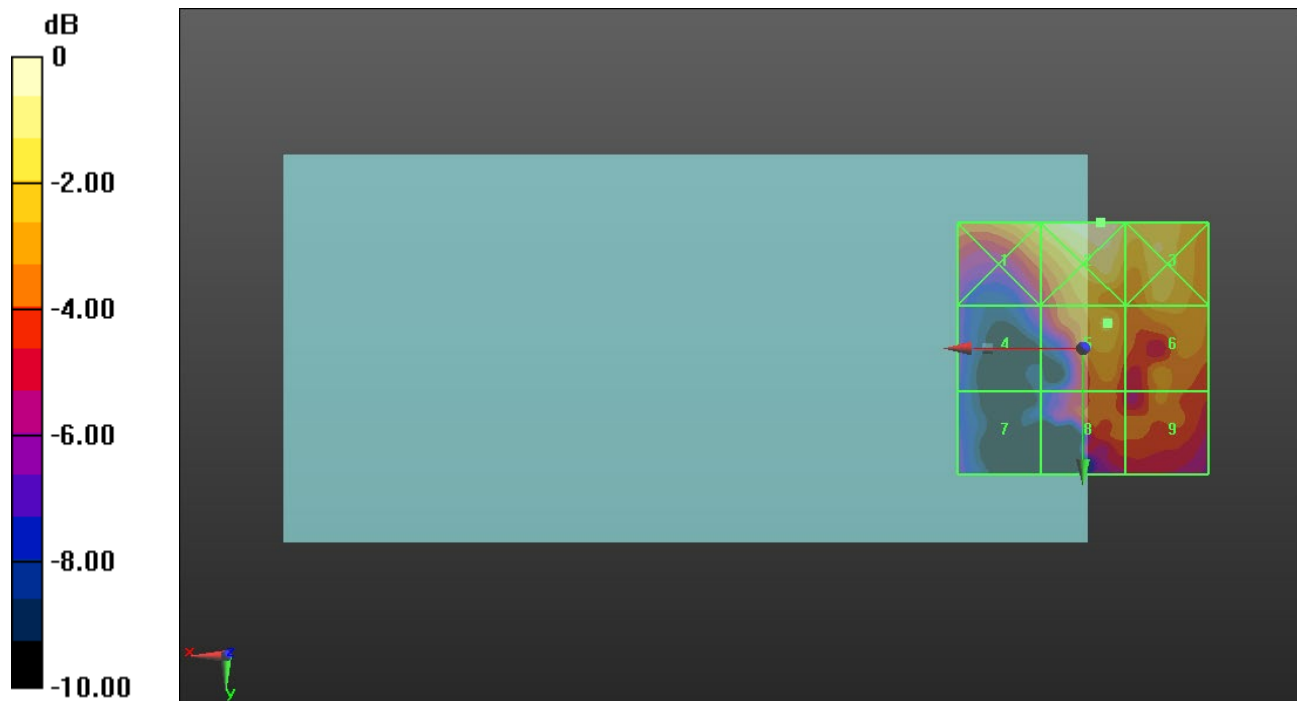
Applied MIF = 0.12 dB

RF audio interference level = 18.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.6 dBV/m	Grid 2 M4 19.93 dBV/m	Grid 3 M4 18.66 dBV/m
Grid 4 M4 14.29 dBV/m	Grid 5 M4 18.11 dBV/m	Grid 6 M4 17.72 dBV/m
Grid 7 M4 13.38 dBV/m	Grid 8 M4 16.49 dBV/m	Grid 9 M4 16.75 dBV/m



0 dB = 9.916 V/m = 19.93 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 = 8.057 V/m; Power Drift = 0.02 dB

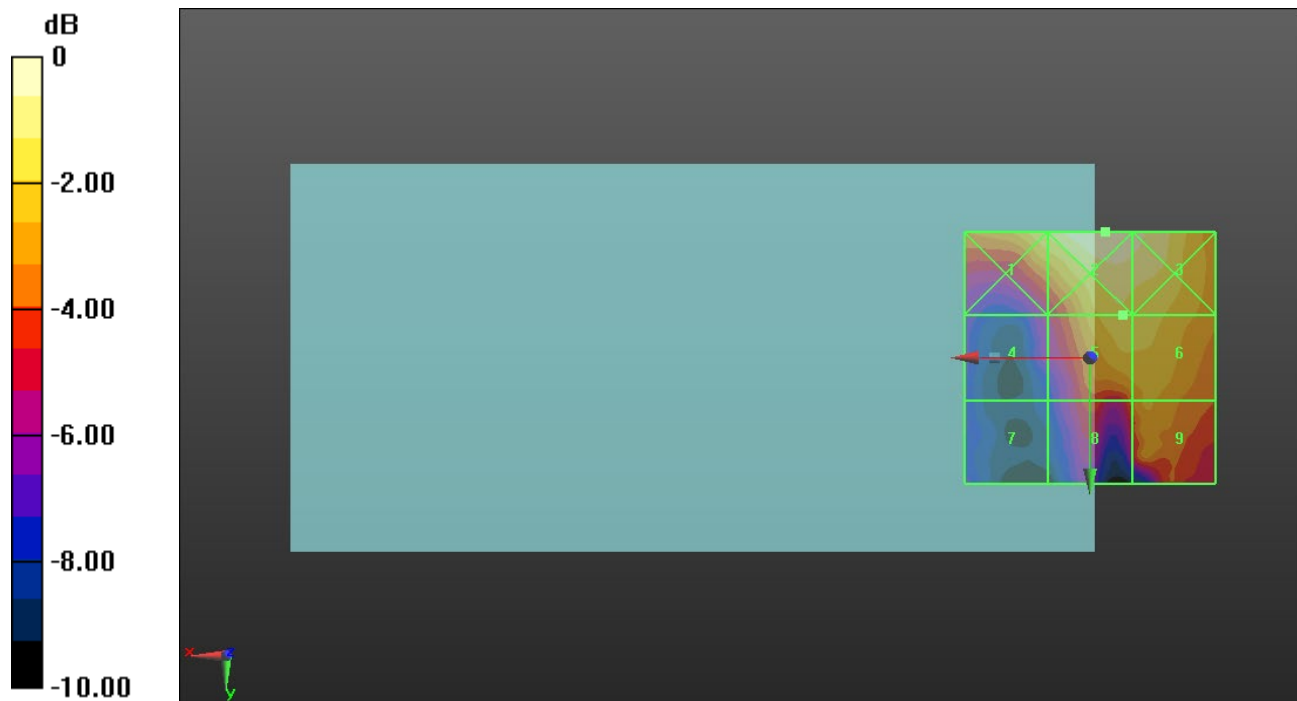
Applied MIF = 0.12 dB

RF audio interference level = 18.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.78 dBV/m	Grid 2 M4 19.85 dBV/m	Grid 3 M4 19.45 dBV/m
Grid 4 M4 14.37 dBV/m	Grid 5 M4 18.38 dBV/m	Grid 6 M4 18.28 dBV/m
Grid 7 M4 13.13 dBV/m	Grid 8 M4 16.4 dBV/m	Grid 9 M4 17.32 dBV/m



0 dB = 9.834 V/m = 19.85 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 = 19.51 V/m; Power Drift = 0.02 dB

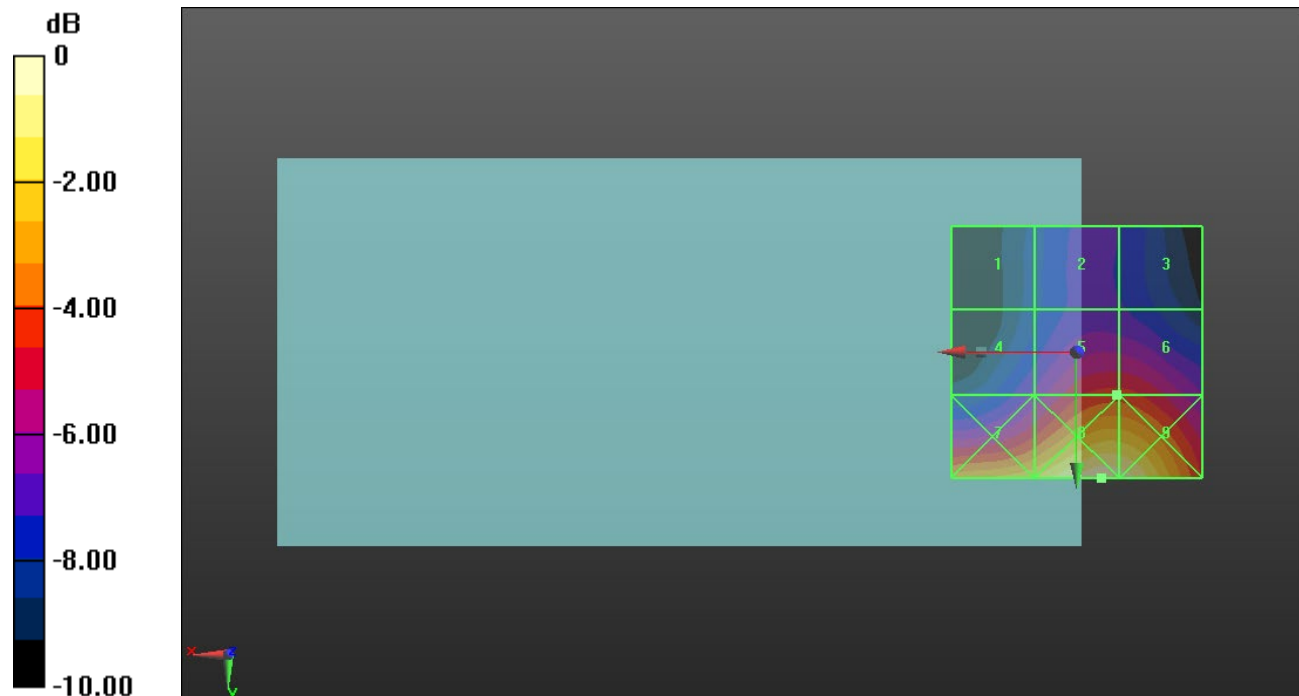
Applied MIF = 3.63 dB

RF audio interference level = 28.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.07 dBV/m	Grid 2 M4 26.34 dBV/m	Grid 3 M4 26.08 dBV/m
Grid 4 M4 26.84 dBV/m	Grid 5 M4 28.94 dBV/m	Grid 6 M4 28.94 dBV/m
Grid 7 M3 31.37 dBV/m	Grid 8 M3 33.27 dBV/m	Grid 9 M3 33.08 dBV/m



0 dB = 46.06 V/m = 33.27 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 = 19.47 V/m; Power Drift = 0.00 dB

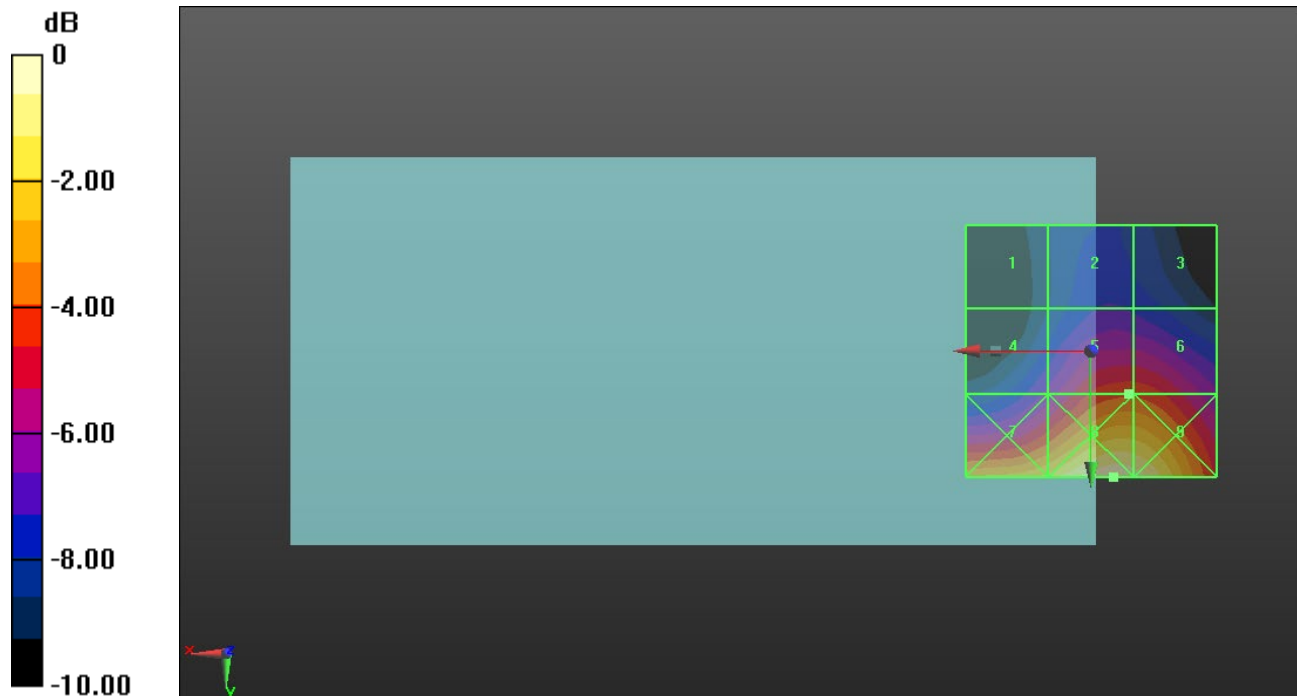
Applied MIF = 3.63 dB

RF audio interference level = 28.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.48 dBV/m	Grid 2 M4 25.89 dBV/m	Grid 3 M4 25.68 dBV/m
Grid 4 M4 26.74 dBV/m	Grid 5 M4 28.99 dBV/m	Grid 6 M4 28.98 dBV/m
Grid 7 M3 31.39 dBV/m	Grid 8 M3 33.11 dBV/m	Grid 9 M3 32.87 dBV/m



0 dB = 45.25 V/m = 33.11 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 = 25.17 V/m; Power Drift = -0.07 dB

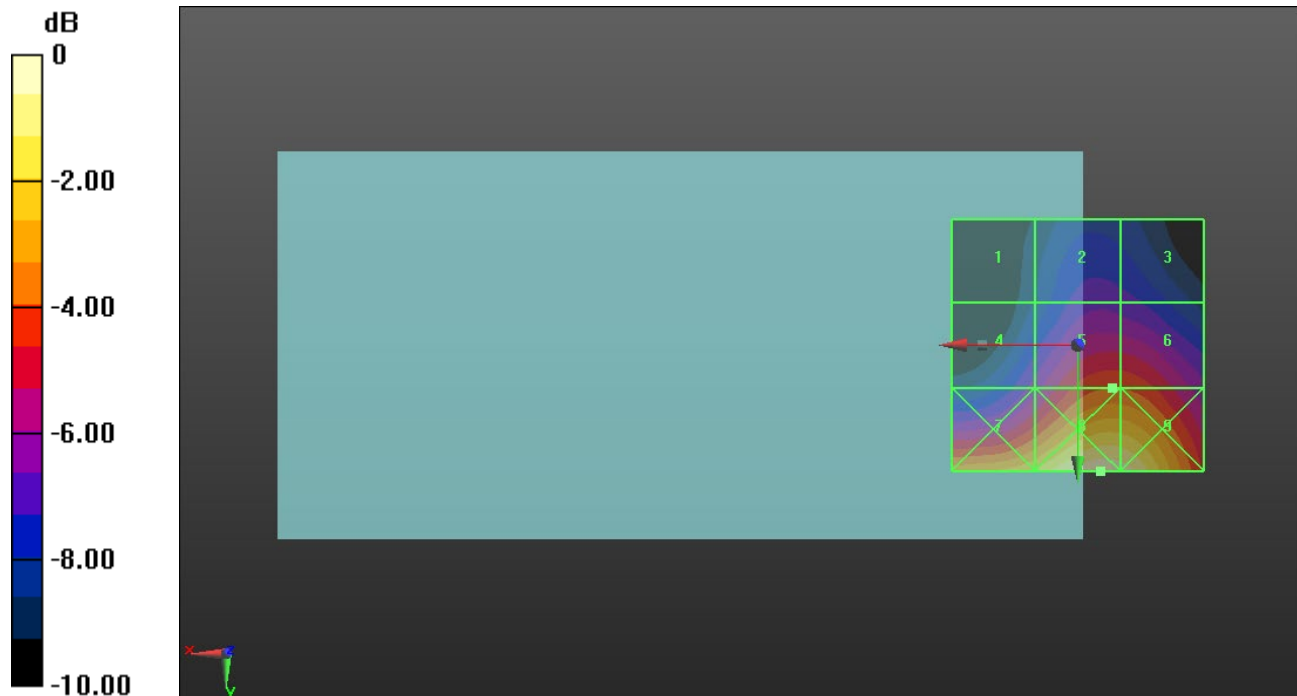
Applied MIF = 3.63 dB

RF audio interference level = 31.05 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.49 dBV/m	Grid 2 M4 28.19 dBV/m	Grid 3 M4 28.06 dBV/m
Grid 4 M4 28.74 dBV/m	Grid 5 M3 31.05 dBV/m	Grid 6 M3 31.04 dBV/m
Grid 7 M3 33.16 dBV/m	Grid 8 M2 35.03 dBV/m	Grid 9 M3 34.8 dBV/m



0 dB = 56.44 V/m = 35.03 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 = 6.732 V/m; Power Drift = 0.18 dB

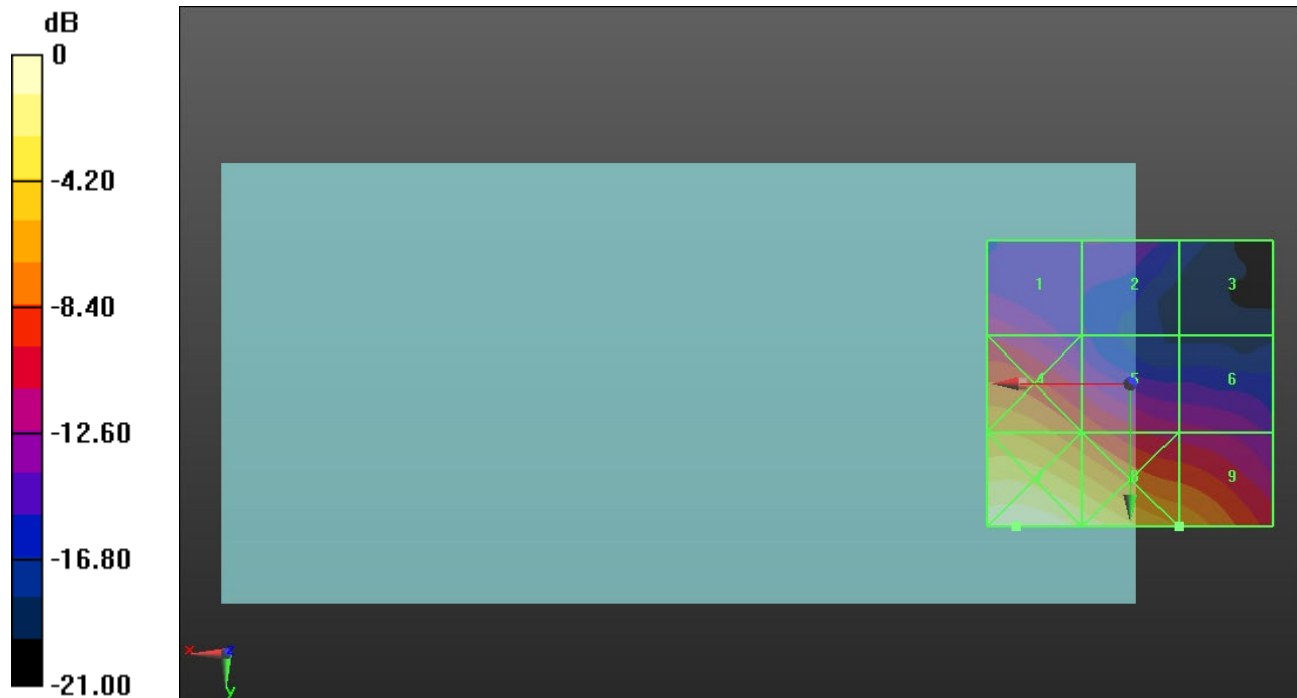
Applied MIF = -1.44 dB

RF audio interference level = 25.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.5 dBV/m	Grid 2 M4 17.03 dBV/m	Grid 3 M4 14.19 dBV/m
Grid 4 M4 25.22 dBV/m	Grid 5 M4 22.43 dBV/m	Grid 6 M4 18.95 dBV/m
Grid 7 M3 30.79 dBV/m	Grid 8 M4 29.14 dBV/m	Grid 9 M4 25.22 dBV/m



0 dB = 34.64 V/m = 30.79 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 = 6.732 V/m; Power Drift = -0.10 dB

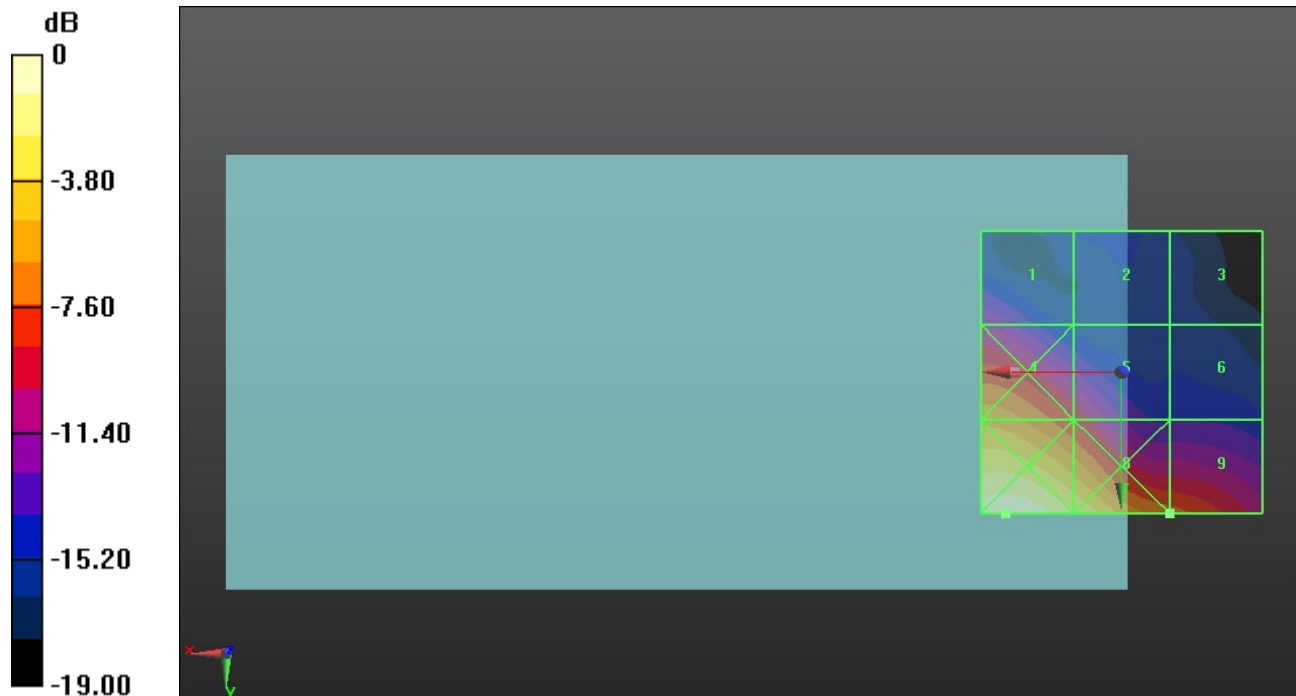
Applied MIF = -1.44 dB

RF audio interference level = 23.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.96 dBV/m	Grid 2 M4 15.81 dBV/m	Grid 3 M4 14.8 dBV/m
Grid 4 M4 24.96 dBV/m	Grid 5 M4 21.49 dBV/m	Grid 6 M4 16.52 dBV/m
Grid 7 M3 30.39 dBV/m	Grid 8 M4 28.21 dBV/m	Grid 9 M4 23.5 dBV/m



0 dB = 33.08 V/m = 30.39 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 = 10.60 V/m; Power Drift = -0.05 dB

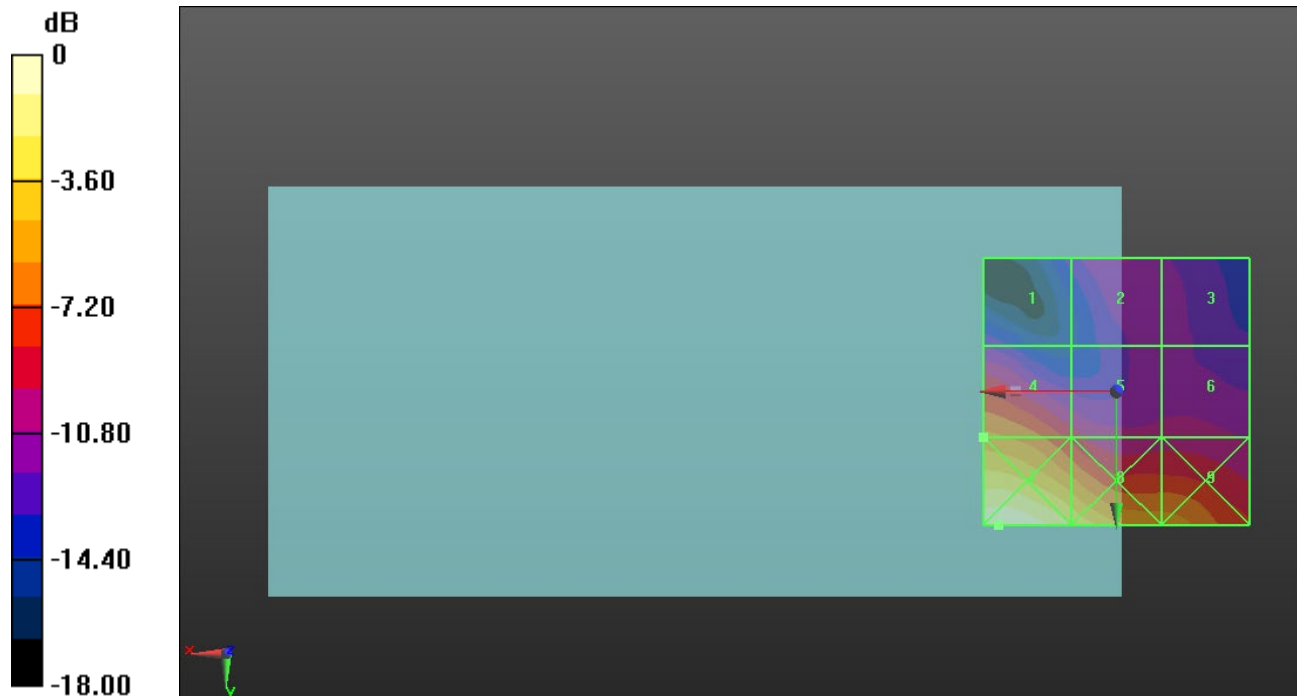
Applied MIF = -1.44 dB

RF audio interference level = 23.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.16 dBV/m	Grid 2 M4 18.42 dBV/m	Grid 3 M4 17.81 dBV/m
Grid 4 M4 23.56 dBV/m	Grid 5 M4 20.39 dBV/m	Grid 6 M4 19.03 dBV/m
Grid 7 M4 29.14 dBV/m	Grid 8 M4 26.91 dBV/m	Grid 9 M4 24 dBV/m



0 dB = 28.64 V/m = 29.14 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 = 13.49 V/m; Power Drift = -0.06 dB

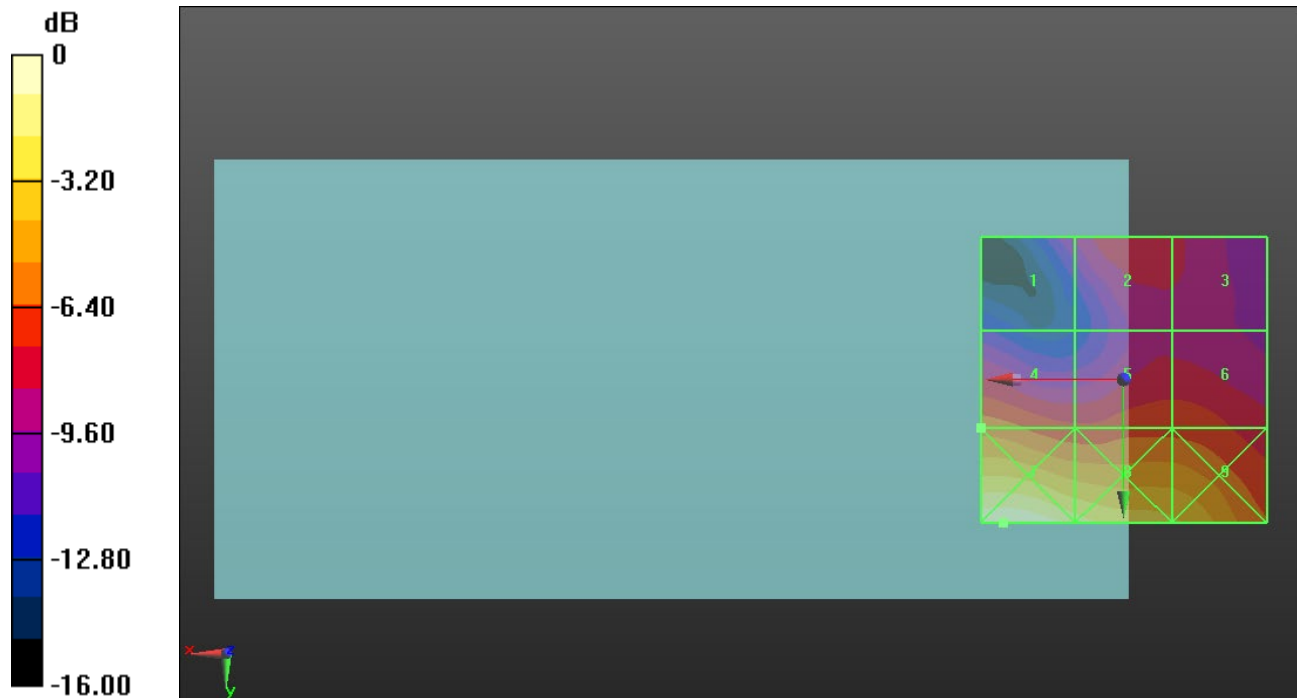
Applied MIF = -1.44 dB

RF audio interference level = 22.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.45 dBV/m	Grid 2 M4 20.01 dBV/m	Grid 3 M4 19.53 dBV/m
Grid 4 M4 22.02 dBV/m	Grid 5 M4 21.06 dBV/m	Grid 6 M4 21.05 dBV/m
Grid 7 M4 27.72 dBV/m	Grid 8 M4 26.3 dBV/m	Grid 9 M4 24.76 dBV/m



0 dB = 24.31 V/m = 27.72 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 = 17.04 V/m; Power Drift = -0.10 dB

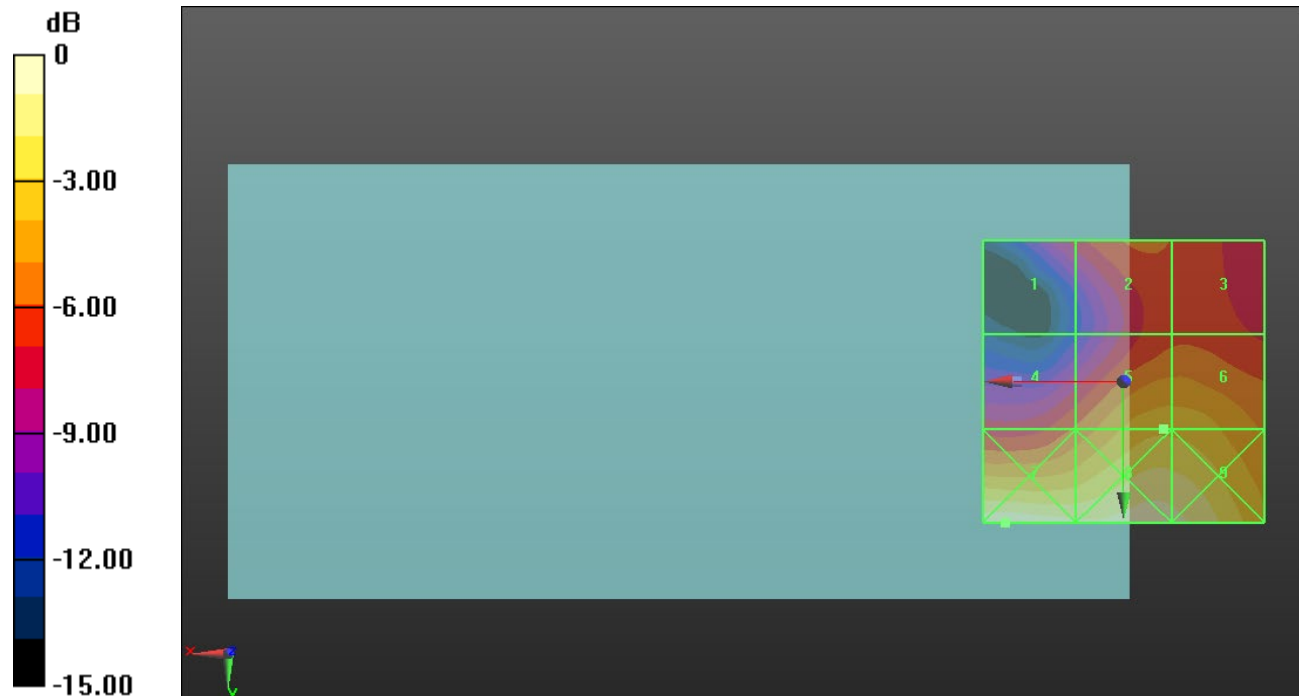
Applied MIF = -1.44 dB

RF audio interference level = 23.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.87 dBV/m	Grid 2 M4 20.59 dBV/m	Grid 3 M4 20.28 dBV/m
Grid 4 M4 20.53 dBV/m	Grid 5 M4 23.11 dBV/m	Grid 6 M4 23.08 dBV/m
Grid 7 M4 26.3 dBV/m	Grid 8 M4 25.94 dBV/m	Grid 9 M4 25.65 dBV/m



0 dB = 20.66 V/m = 26.30 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 = 10.34 V/m; Power Drift = -0.15 dB

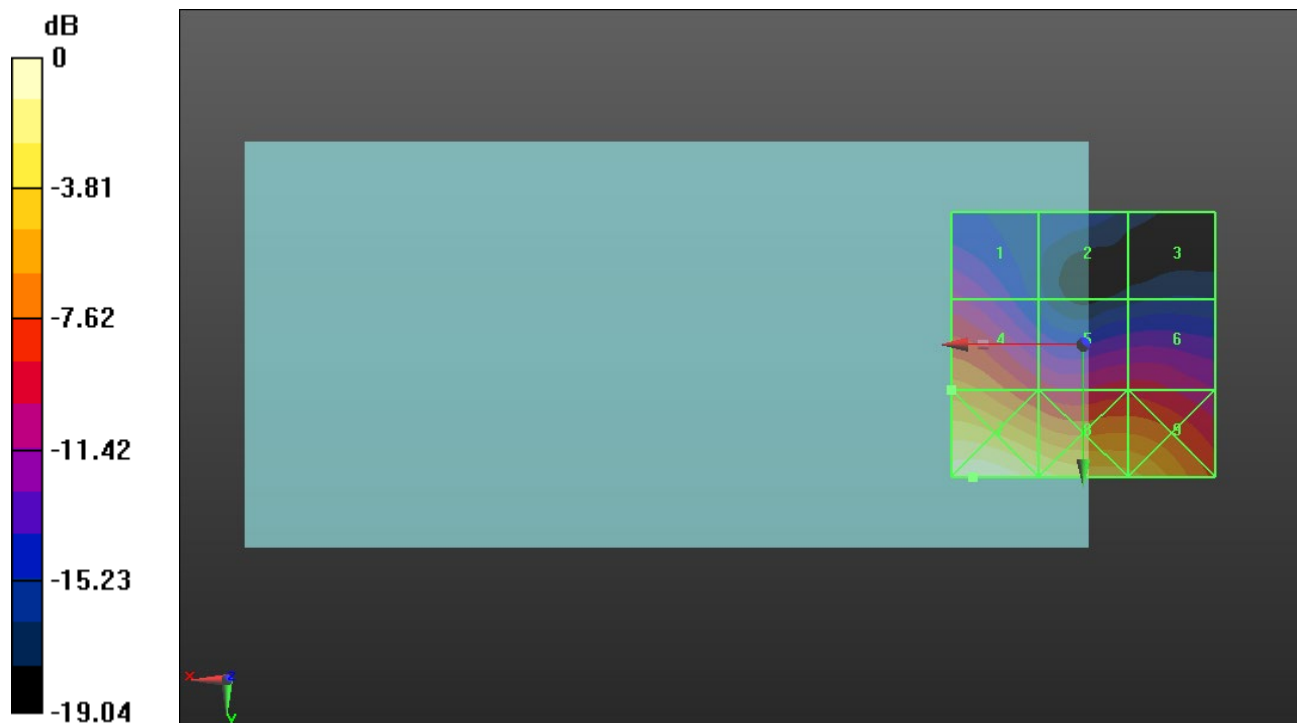
Applied MIF = -1.44 dB

RF audio interference level = 26.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.06 dBV/m	Grid 2 M4 16.45 dBV/m	Grid 3 M4 15.75 dBV/m
Grid 4 M4 26.24 dBV/m	Grid 5 M4 22.72 dBV/m	Grid 6 M4 22.51 dBV/m
Grid 7 M3 31.94 dBV/m	Grid 8 M3 30.16 dBV/m	Grid 9 M4 28.68 dBV/m



0 dB = 39.53 V/m = 31.94 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 = 8.784 V/m; Power Drift = 0.11 dB

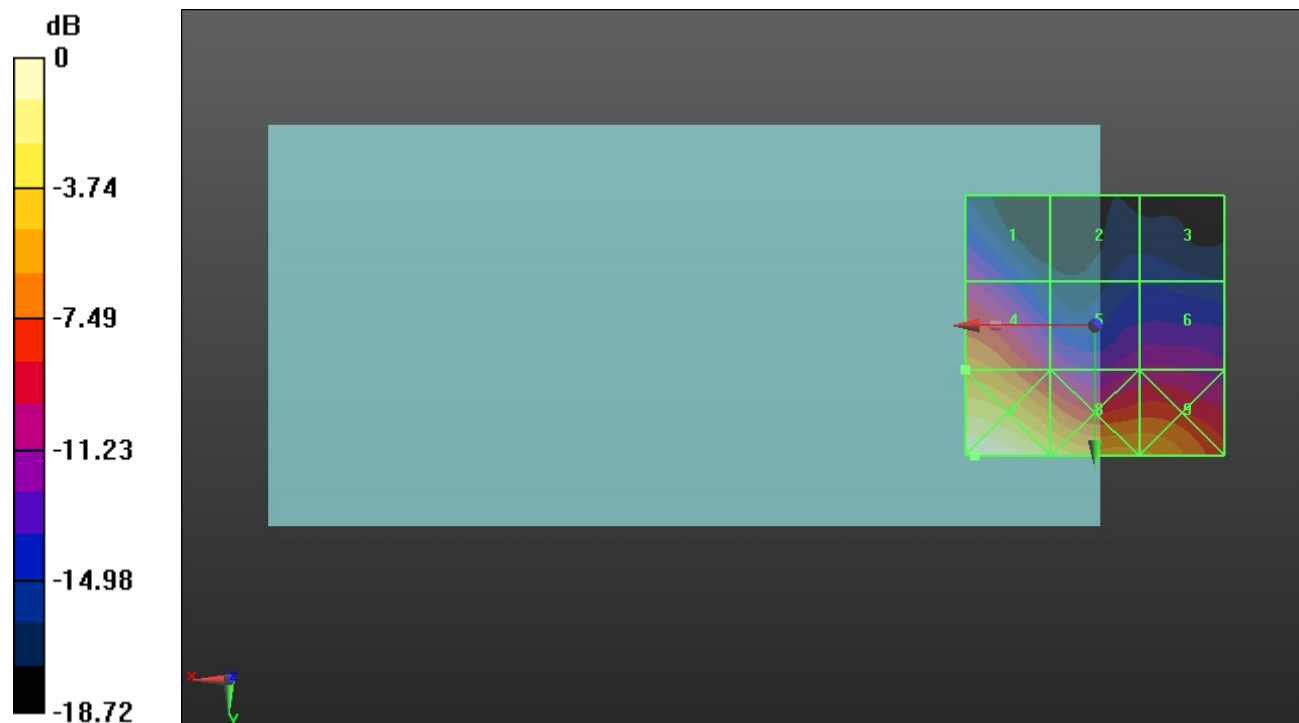
Applied MIF = -1.44 dB

RF audio interference level = 26.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.1 dBV/m	Grid 2 M4 16.72 dBV/m	Grid 3 M4 16.76 dBV/m
Grid 4 M4 26.43 dBV/m	Grid 5 M4 21.62 dBV/m	Grid 6 M4 21.14 dBV/m
Grid 7 M3 31.95 dBV/m	Grid 8 M4 29.68 dBV/m	Grid 9 M4 27.53 dBV/m



0 dB = 39.60 V/m = 31.95 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 = 15.56 V/m; Power Drift = -0.05 dB

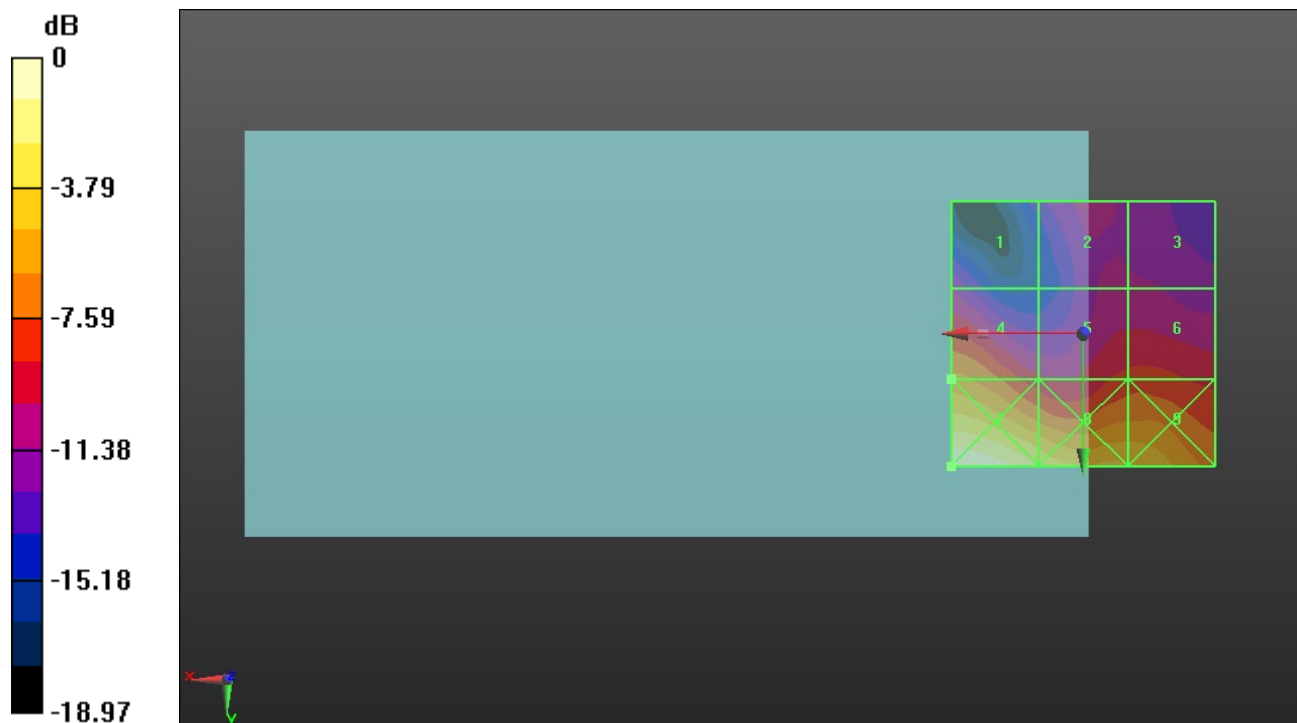
Applied MIF = -1.44 dB

RF audio interference level = 25.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.85 dBV/m	Grid 2 M4 20.17 dBV/m	Grid 3 M4 20.06 dBV/m
Grid 4 M4 25.24 dBV/m	Grid 5 M4 22.8 dBV/m	Grid 6 M4 22.93 dBV/m
Grid 7 M3 31.12 dBV/m	Grid 8 M4 28.7 dBV/m	Grid 9 M4 27.53 dBV/m



0 dB = 35.98 V/m = 31.12 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 = 19.60 V/m; Power Drift = -0.19 dB

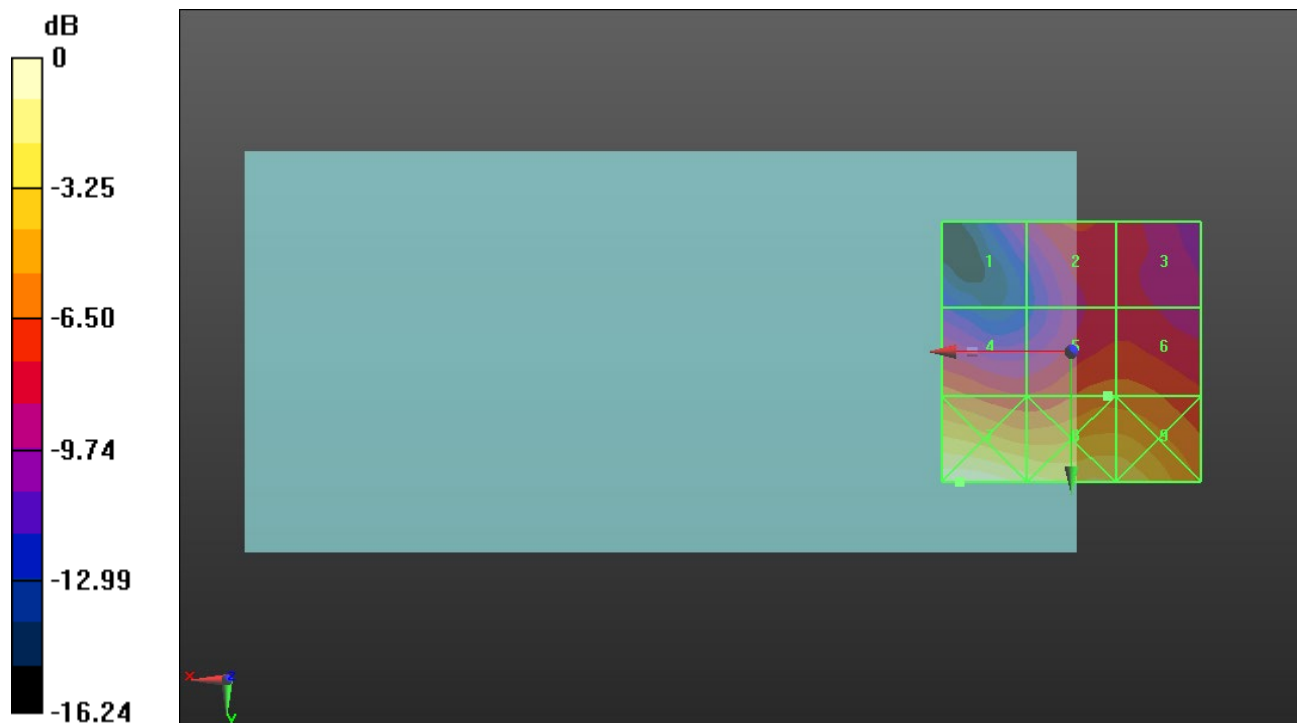
Applied MIF = -1.44 dB

RF audio interference level = 24.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.91 dBV/m	Grid 2 M4 22.66 dBV/m	Grid 3 M4 22.03 dBV/m
Grid 4 M4 24.12 dBV/m	Grid 5 M4 24.12 dBV/m	Grid 6 M4 24.1 dBV/m
Grid 7 M4 29.96 dBV/m	Grid 8 M4 28.47 dBV/m	Grid 9 M4 27.75 dBV/m



0 dB = 31.46 V/m = 29.96 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 = 24.18 V/m; Power Drift = -0.05 dB

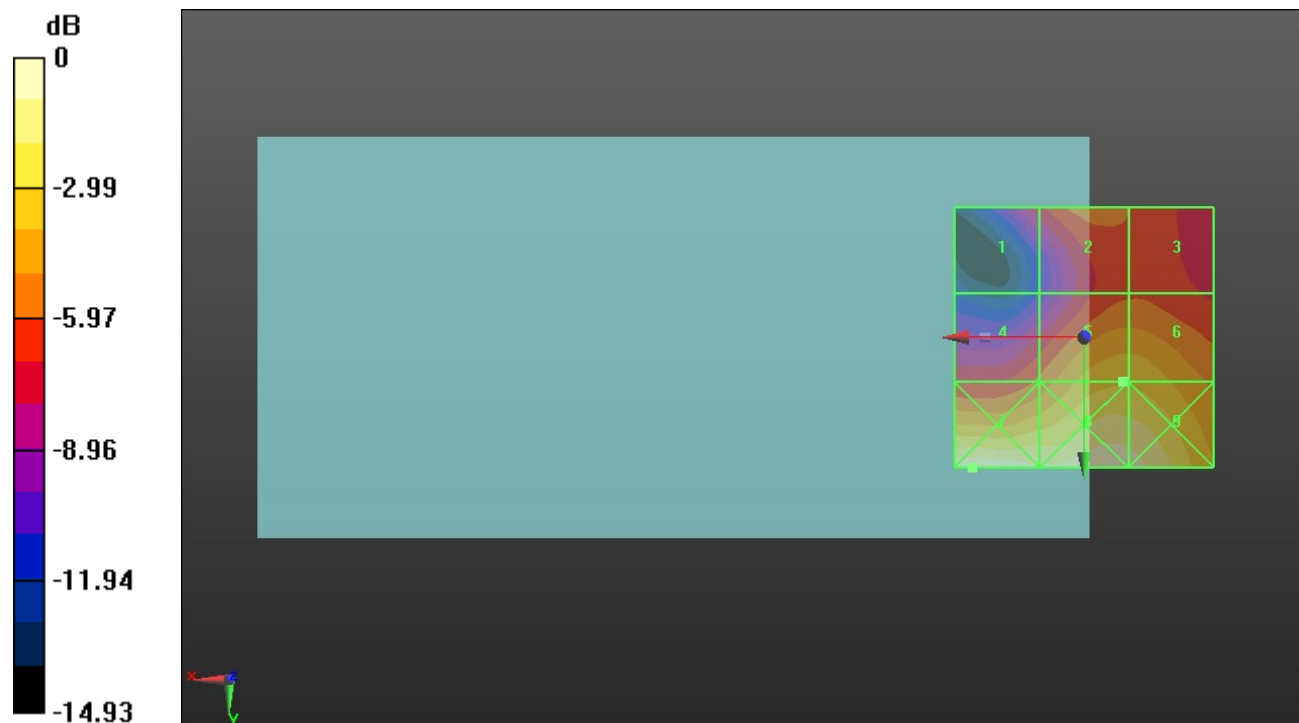
Applied MIF = -1.44 dB

RF audio interference level = 25.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.61 dBV/m	Grid 2 M4 23.34 dBV/m	Grid 3 M4 22.89 dBV/m
Grid 4 M4 23.12 dBV/m	Grid 5 M4 25.68 dBV/m	Grid 6 M4 25.66 dBV/m
Grid 7 M4 28.78 dBV/m	Grid 8 M4 28.63 dBV/m	Grid 9 M4 28.33 dBV/m



0 dB = 27.46 V/m = 28.77 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 = 18.85 V/m; Power Drift = -0.03 dB

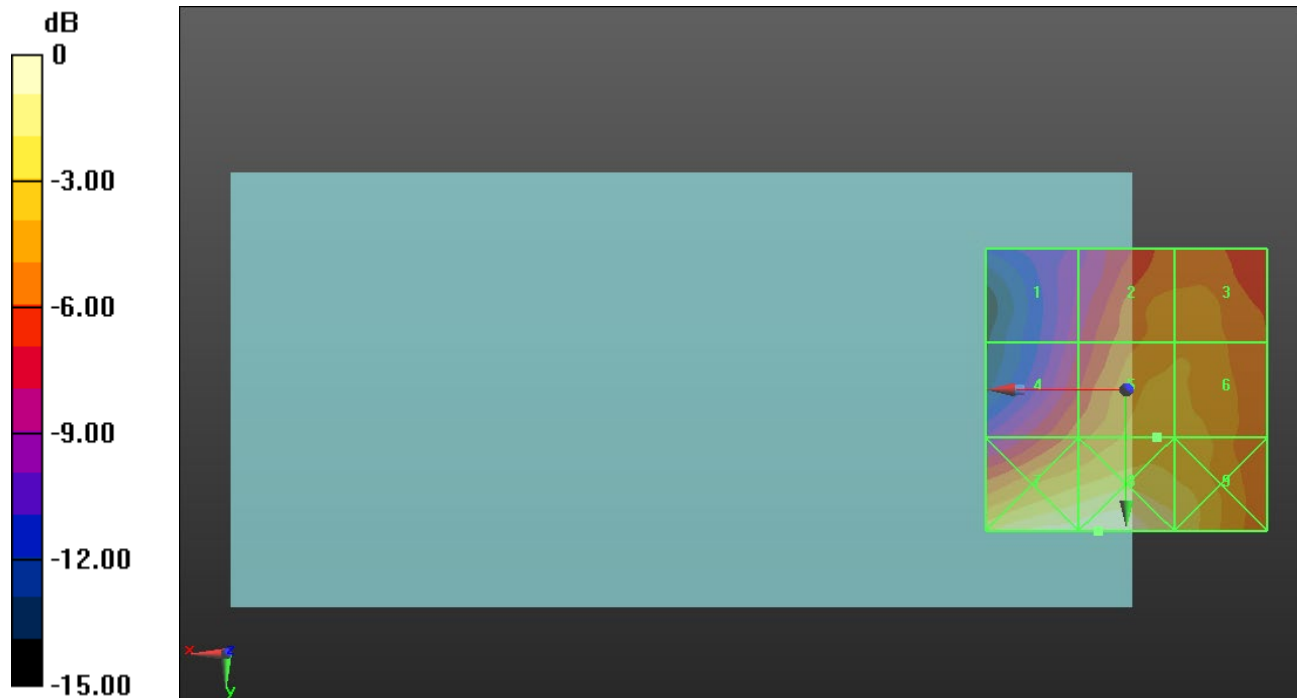
Applied MIF = -1.44 dB

RF audio interference level = 23.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.22 dBV/m	Grid 2 M4 21.92 dBV/m	Grid 3 M4 21.94 dBV/m
Grid 4 M4 20.92 dBV/m	Grid 5 M4 23.03 dBV/m	Grid 6 M4 22.9 dBV/m
Grid 7 M4 25.87 dBV/m	Grid 8 M4 26.29 dBV/m	Grid 9 M4 24.43 dBV/m



0 dB = 20.64 V/m = 26.29 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 = 20.66 V/m; Power Drift = -0.01 dB

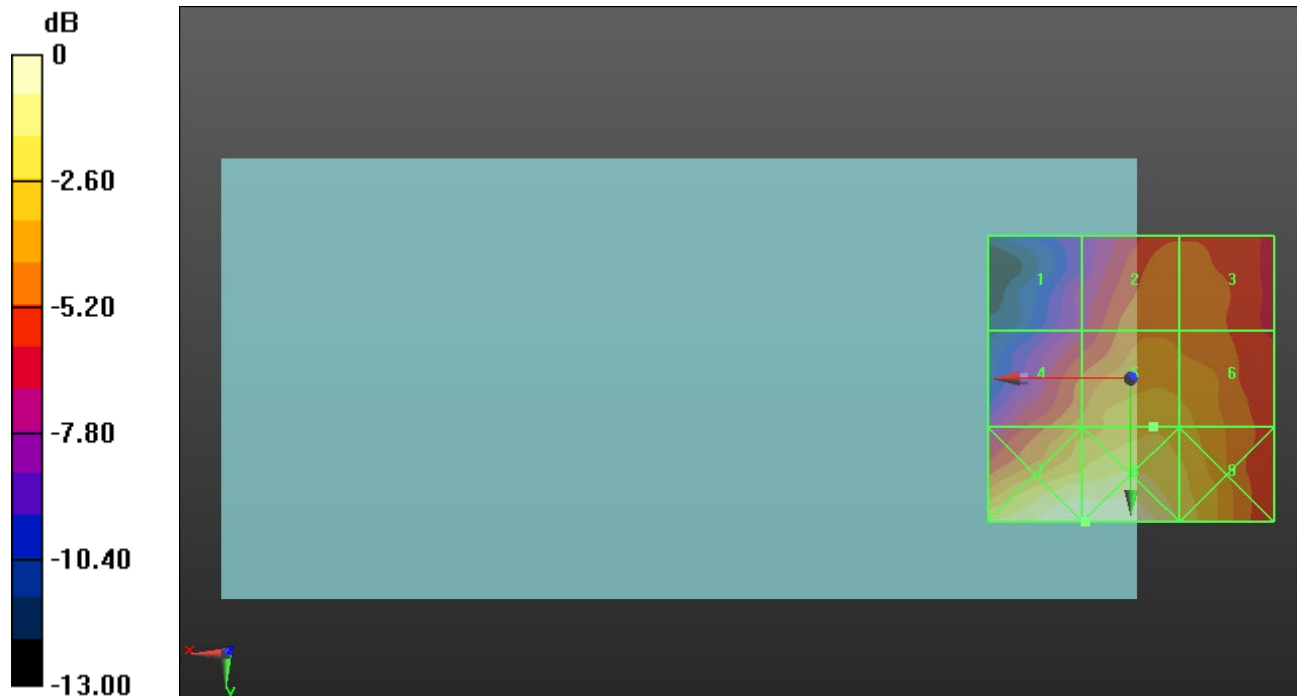
Applied MIF = -1.44 dB

RF audio interference level = 23.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.16 dBV/m	Grid 2 M4 21.82 dBV/m	Grid 3 M4 21.77 dBV/m
Grid 4 M4 22.4 dBV/m	Grid 5 M4 23.53 dBV/m	Grid 6 M4 23.18 dBV/m
Grid 7 M4 26.23 dBV/m	Grid 8 M4 26.23 dBV/m	Grid 9 M4 24.38 dBV/m



0 dB = 20.49 V/m = 26.23 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 = 20.66 V/m; Power Drift = 0.04 dB

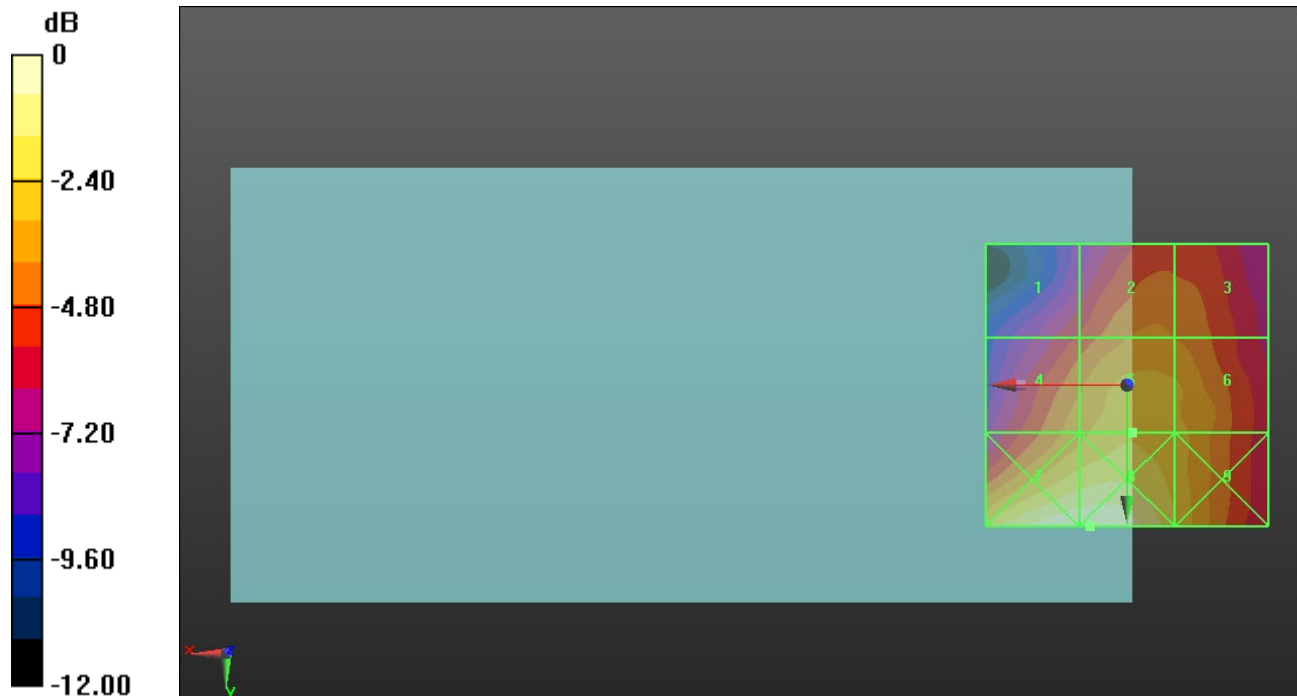
Applied MIF = -1.44 dB

RF audio interference level = 23.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.17 dBV/m	Grid 2 M4 21.81 dBV/m	Grid 3 M4 21.58 dBV/m
Grid 4 M4 22.14 dBV/m	Grid 5 M4 23.08 dBV/m	Grid 6 M4 22.7 dBV/m
Grid 7 M4 25.55 dBV/m	Grid 8 M4 25.59 dBV/m	Grid 9 M4 23.27 dBV/m



0 dB = 19.03 V/m = 25.59 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 = 20.62 V/m; Power Drift = -0.14 dB

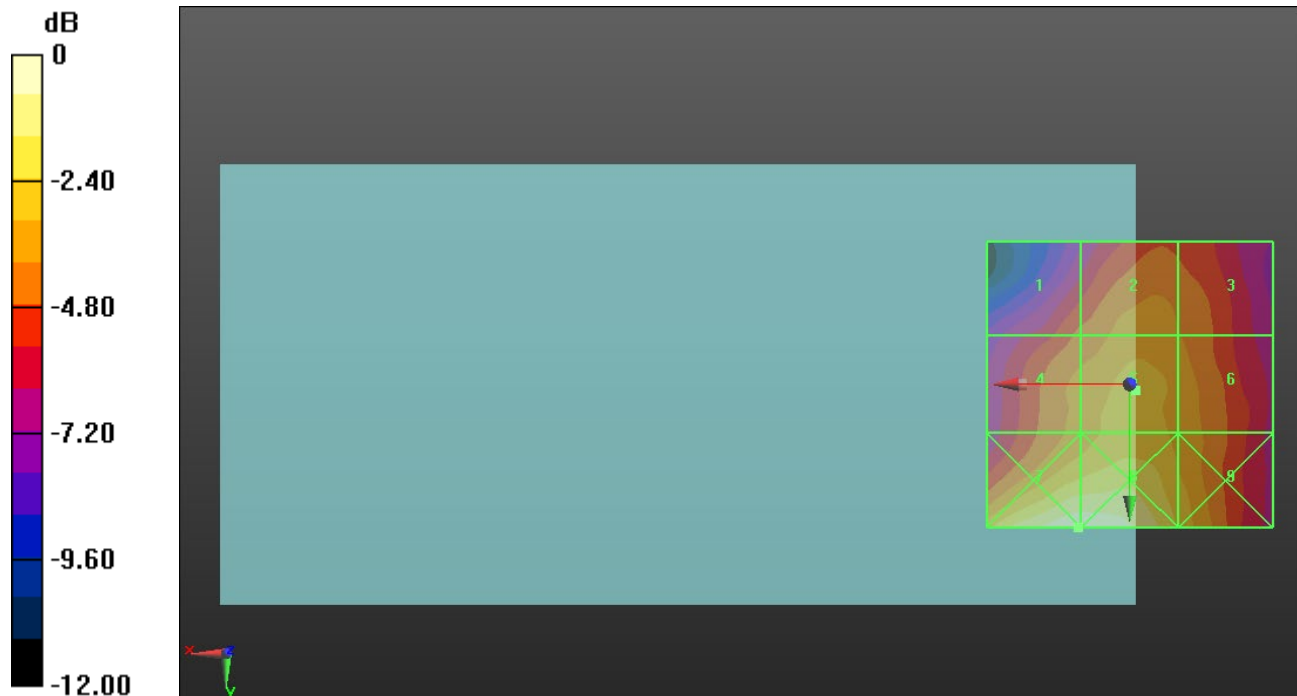
Applied MIF = -1.44 dB

RF audio interference level = 22.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.98 dBV/m	Grid 2 M4 22.17 dBV/m	Grid 3 M4 21.61 dBV/m
Grid 4 M4 21.96 dBV/m	Grid 5 M4 22.62 dBV/m	Grid 6 M4 22.11 dBV/m
Grid 7 M4 25.54 dBV/m	Grid 8 M4 25.54 dBV/m	Grid 9 M4 23.03 dBV/m



0 dB = 18.92 V/m = 25.54 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 = 20.43 V/m; Power Drift = -0.07 dB

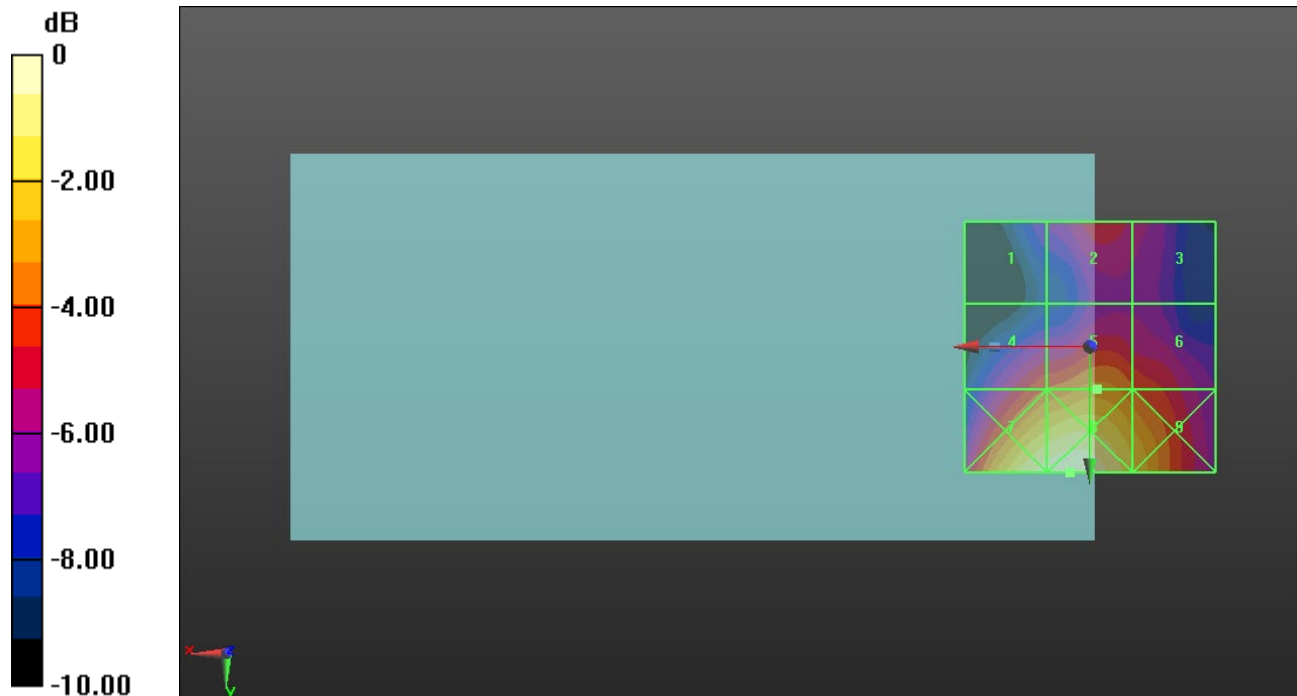
Applied MIF = -2.02 dB

RF audio interference level = 23.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.46 dBV/m	Grid 2 M4 21.95 dBV/m	Grid 3 M4 21.4 dBV/m
Grid 4 M4 22.98 dBV/m	Grid 5 M4 23.9 dBV/m	Grid 6 M4 23.03 dBV/m
Grid 7 M4 26.66 dBV/m	Grid 8 M4 26.89 dBV/m	Grid 9 M4 25.03 dBV/m



0 dB = 22.10 V/m = 26.89 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 = 22.07 V/m; Power Drift = -0.11 dB

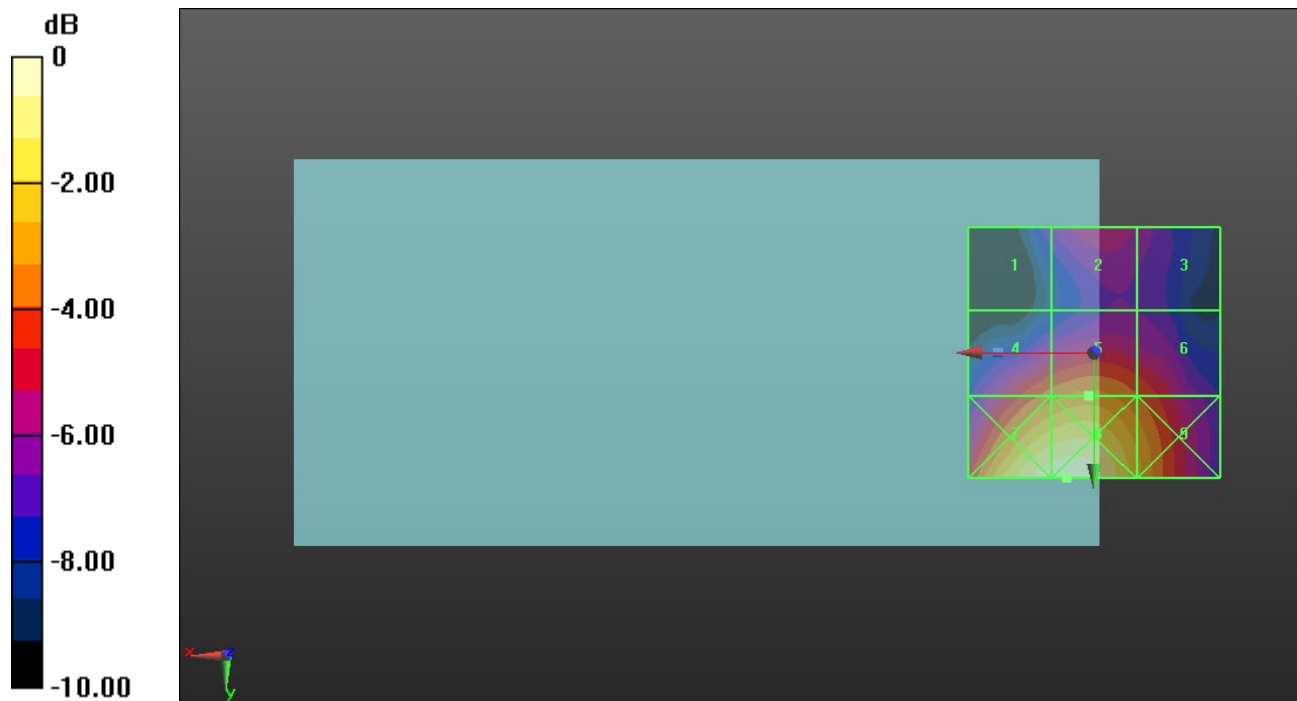
Applied MIF = -2.02 dB

RF audio interference level = 24.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.37 dBV/m	Grid 2 M4 22.51 dBV/m	Grid 3 M4 21.92 dBV/m
Grid 4 M4 24.37 dBV/m	Grid 5 M4 24.92 dBV/m	Grid 6 M4 24.04 dBV/m
Grid 7 M4 27.87 dBV/m	Grid 8 M4 27.99 dBV/m	Grid 9 M4 25.61 dBV/m



0 dB = 25.10 V/m = 27.99 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 = 20.32 V/m; Power Drift = 0.05 dB

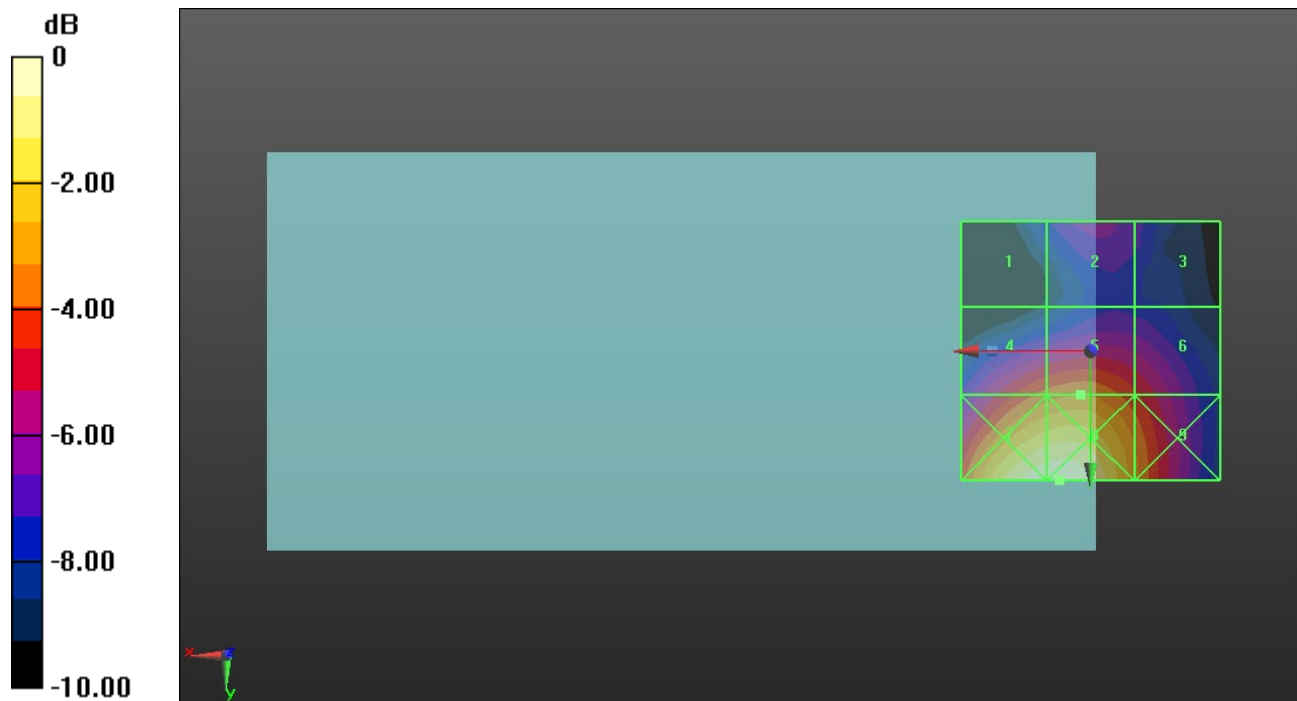
Applied MIF = -2.02 dB

RF audio interference level = 24.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.3 dBV/m	Grid 2 M4 21.43 dBV/m	Grid 3 M4 20.82 dBV/m
Grid 4 M4 24.16 dBV/m	Grid 5 M4 24.51 dBV/m	Grid 6 M4 23.36 dBV/m
Grid 7 M4 27.73 dBV/m	Grid 8 M4 27.82 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 24.60 V/m = 27.82 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 = 18.32 V/m; Power Drift = 0.01 dB

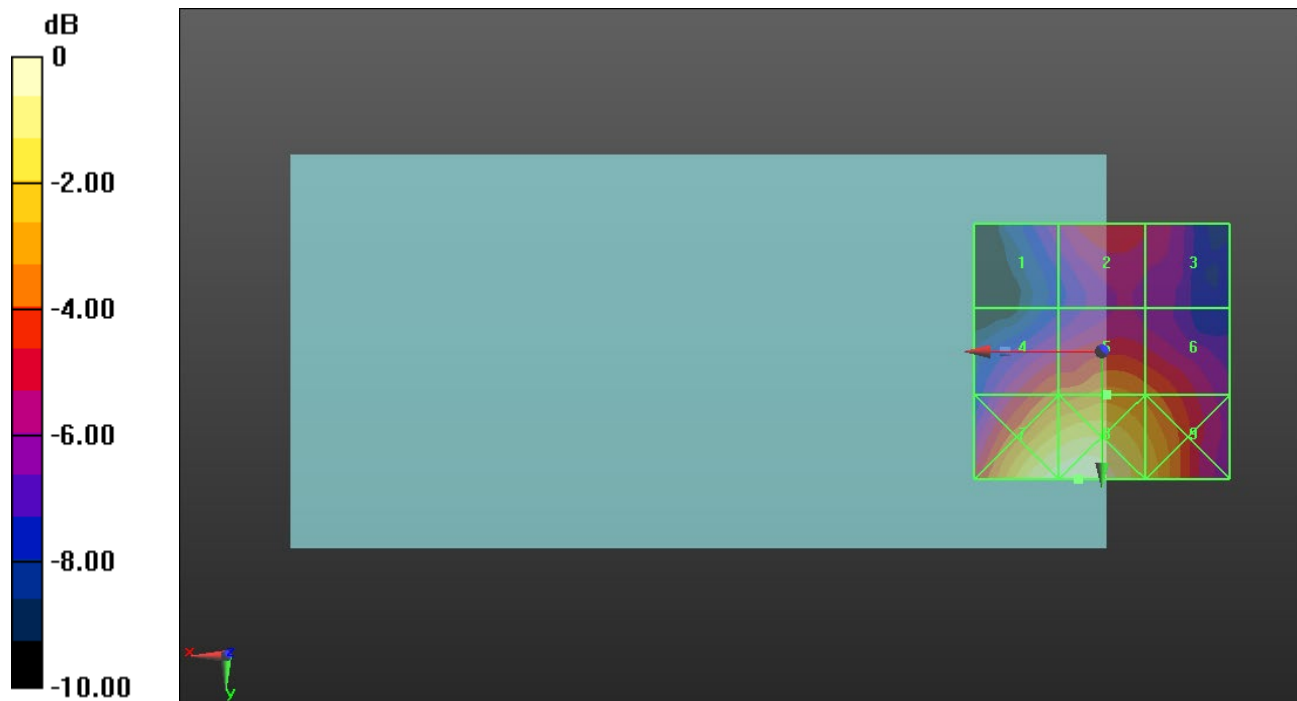
Applied MIF = 0.12 dB

RF audio interference level = 25.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.37 dBV/m	Grid 2 M4 23.56 dBV/m	Grid 3 M4 23.12 dBV/m
Grid 4 M4 24.66 dBV/m	Grid 5 M4 25.38 dBV/m	Grid 6 M4 24.79 dBV/m
Grid 7 M4 28.17 dBV/m	Grid 8 M4 28.37 dBV/m	Grid 9 M4 26.44 dBV/m



0 dB = 26.22 V/m = 28.37 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 = 19.77 V/m; Power Drift = 0.07 dB

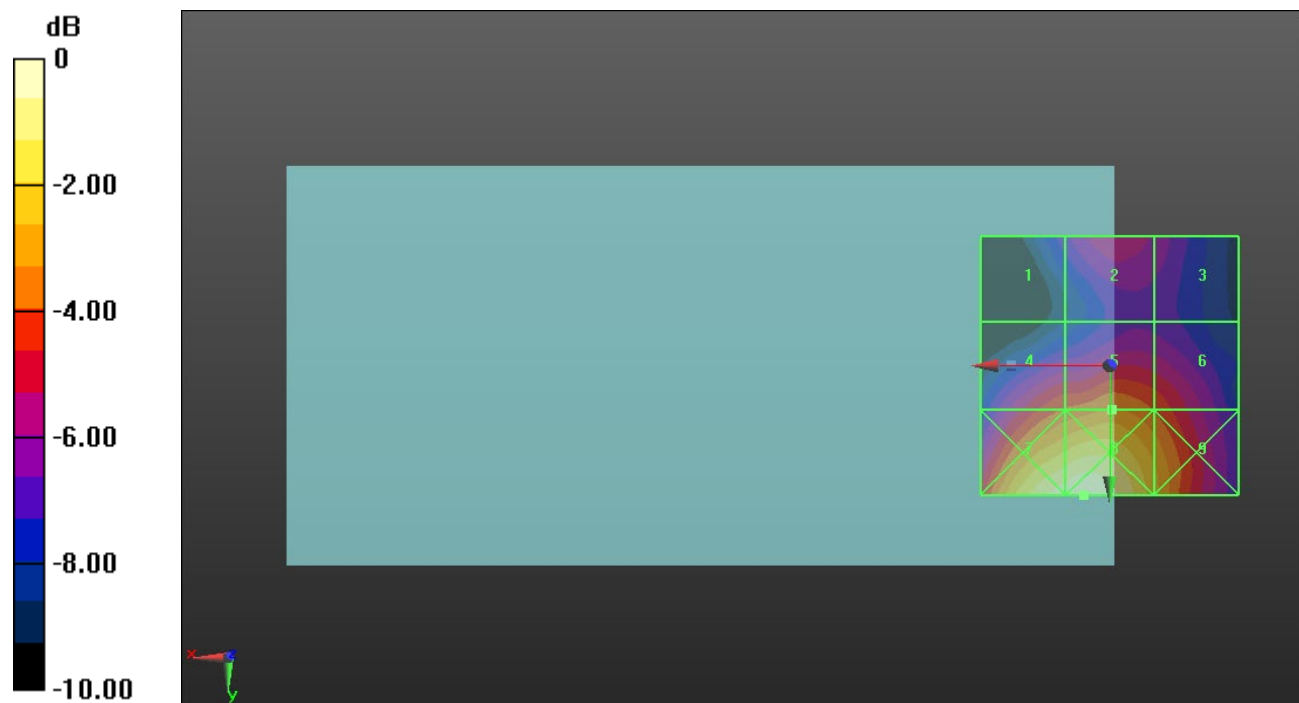
Applied MIF = 0.12 dB

RF audio interference level = 26.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.48 dBV/m	Grid 2 M4 23.77 dBV/m	Grid 3 M4 23.17 dBV/m
Grid 4 M4 25.39 dBV/m	Grid 5 M4 26.04 dBV/m	Grid 6 M4 25.26 dBV/m
Grid 7 M4 29.05 dBV/m	Grid 8 M4 29.28 dBV/m	Grid 9 M4 26.9 dBV/m



0 dB = 29.10 V/m = 29.28 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 = 20.40 V/m; Power Drift = -0.23 dB

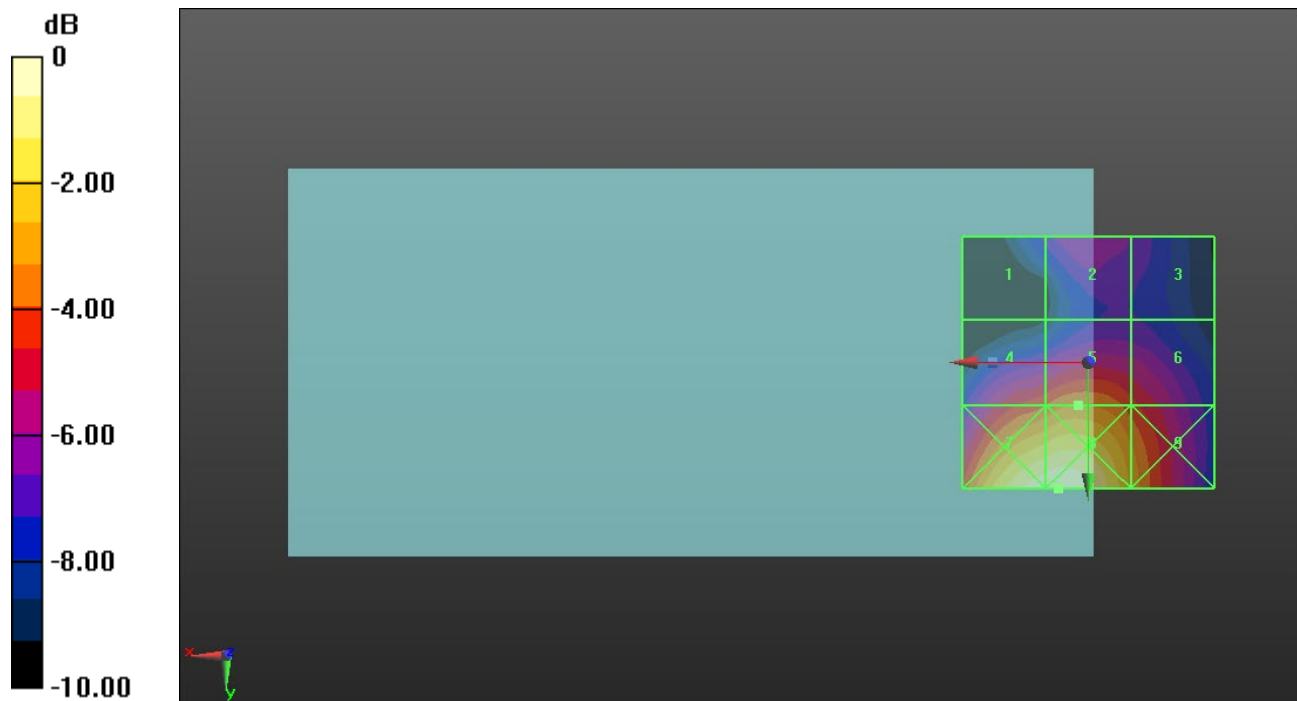
Applied MIF = 0.12 dB

RF audio interference level = 26.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.54 dBV/m	Grid 2 M4 23.69 dBV/m	Grid 3 M4 22.97 dBV/m
Grid 4 M4 25.63 dBV/m	Grid 5 M4 26.3 dBV/m	Grid 6 M4 25.25 dBV/m
Grid 7 M4 29.48 dBV/m	Grid 8 M4 29.61 dBV/m	Grid 9 M4 26.8 dBV/m



0 dB = 30.25 V/m = 29.61 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 = 4.797 V/m; Power Drift = -0.37 dB

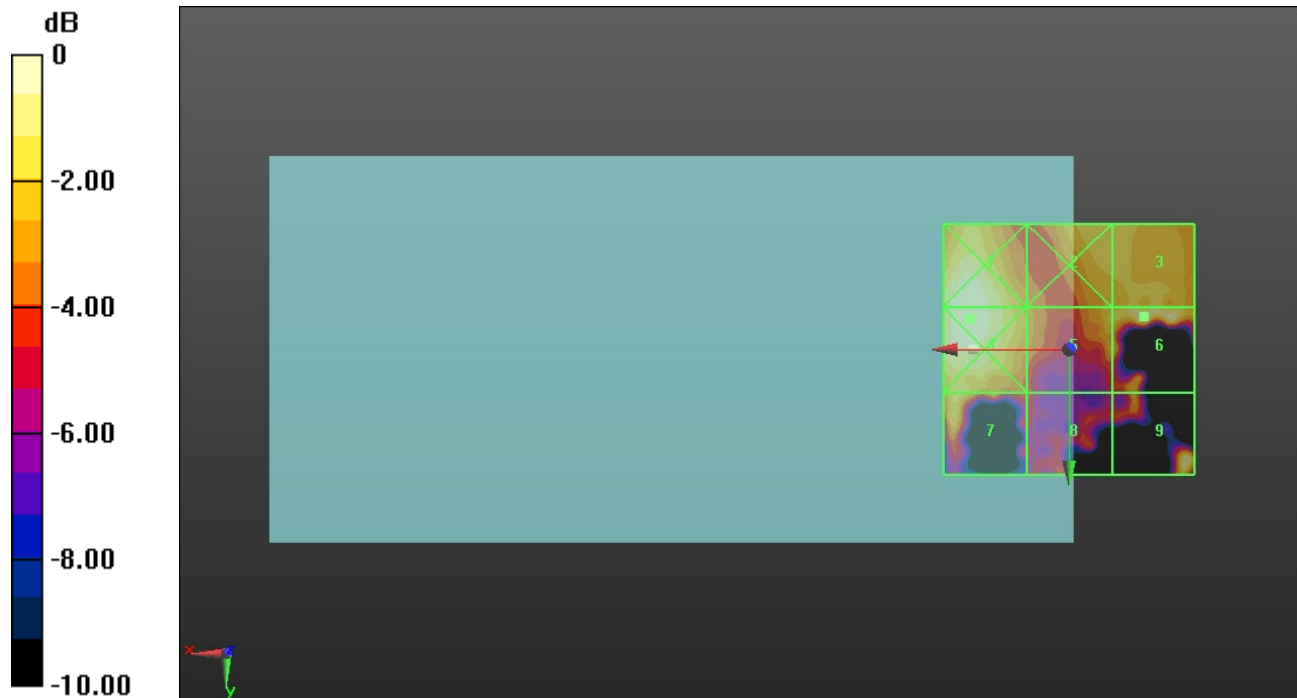
Applied MIF = -3.15 dB

RF audio interference level = 15.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.02 dBV/m	Grid 2 M4 14.7 dBV/m	Grid 3 M4 14.84 dBV/m
Grid 4 M4 16.06 dBV/m	Grid 5 M4 14.35 dBV/m	Grid 6 M4 15.93 dBV/m
Grid 7 M4 14.57 dBV/m	Grid 8 M4 12.07 dBV/m	Grid 9 M4 15.34 dBV/m



0 dB = 6.354 V/m = 16.06 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 = 5.021 V/m; Power Drift = -0.24 dB

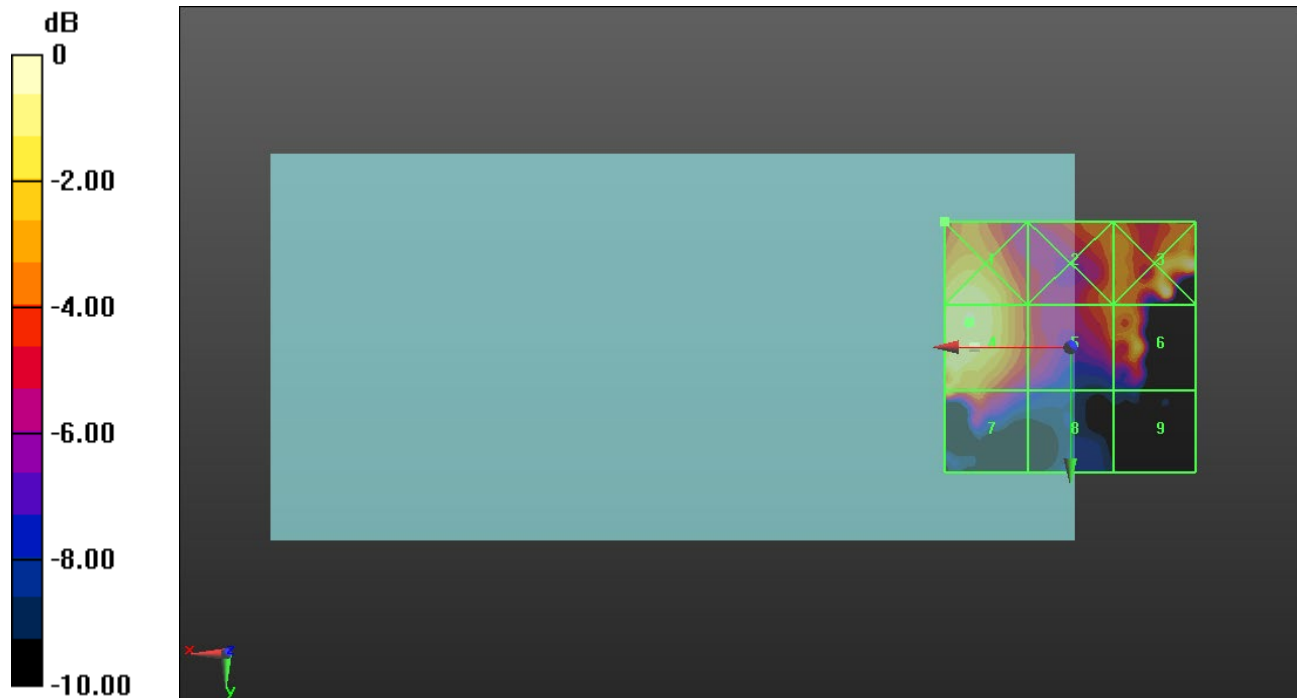
Applied MIF = -3.15 dB

RF audio interference level = 16.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.89 dBV/m	Grid 2 M4 13.64 dBV/m	Grid 3 M4 16.65 dBV/m
Grid 4 M4 16.04 dBV/m	Grid 5 M4 13.49 dBV/m	Grid 6 M4 15.11 dBV/m
Grid 7 M4 15.16 dBV/m	Grid 8 M4 9.9 dBV/m	Grid 9 M4 8.86 dBV/m



0 dB = 6.796 V/m = 16.65 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 = 4.541 V/m; Power Drift = 0.14 dB

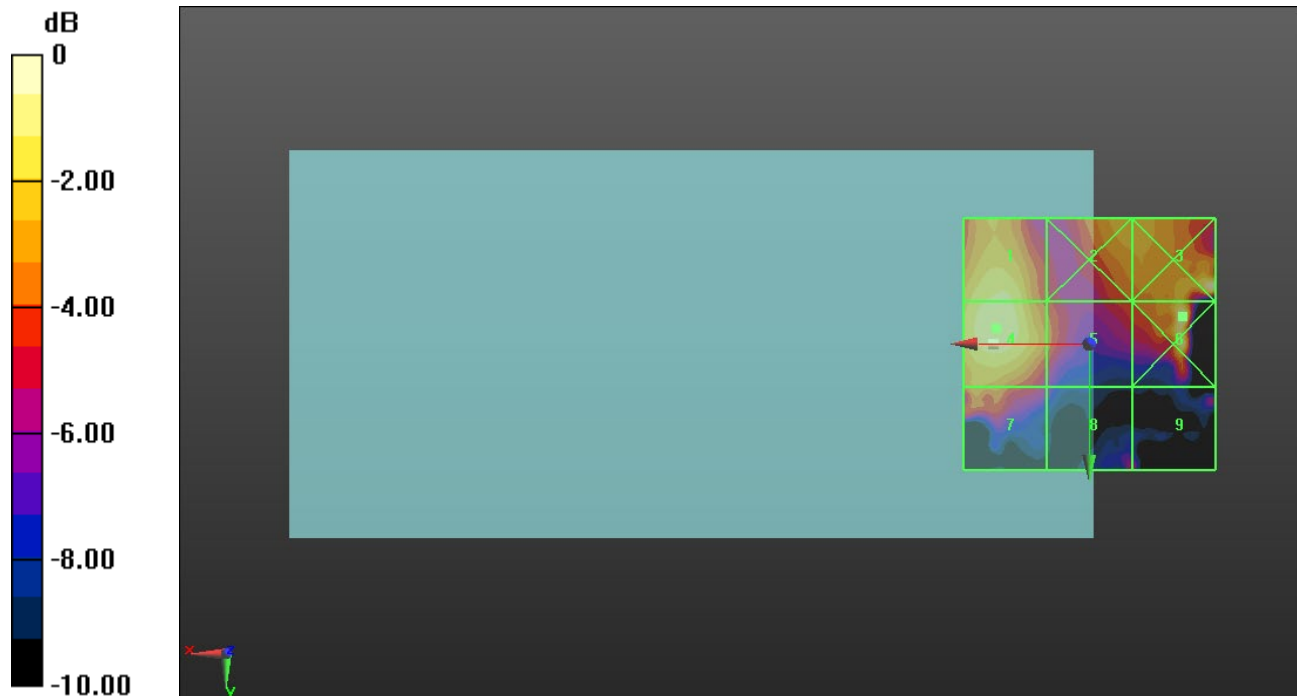
Applied MIF = -3.15 dB

RF audio interference level = 15.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.48 dBV/m	Grid 2 M4 14.33 dBV/m	Grid 3 M4 16.53 dBV/m
Grid 4 M4 15.82 dBV/m	Grid 5 M4 13.21 dBV/m	Grid 6 M4 16.58 dBV/m
Grid 7 M4 14.02 dBV/m	Grid 8 M4 11.06 dBV/m	Grid 9 M4 11.06 dBV/m



0 dB = 6.744 V/m = 16.58 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 = 4.839 V/m; Power Drift = -0.48 dB

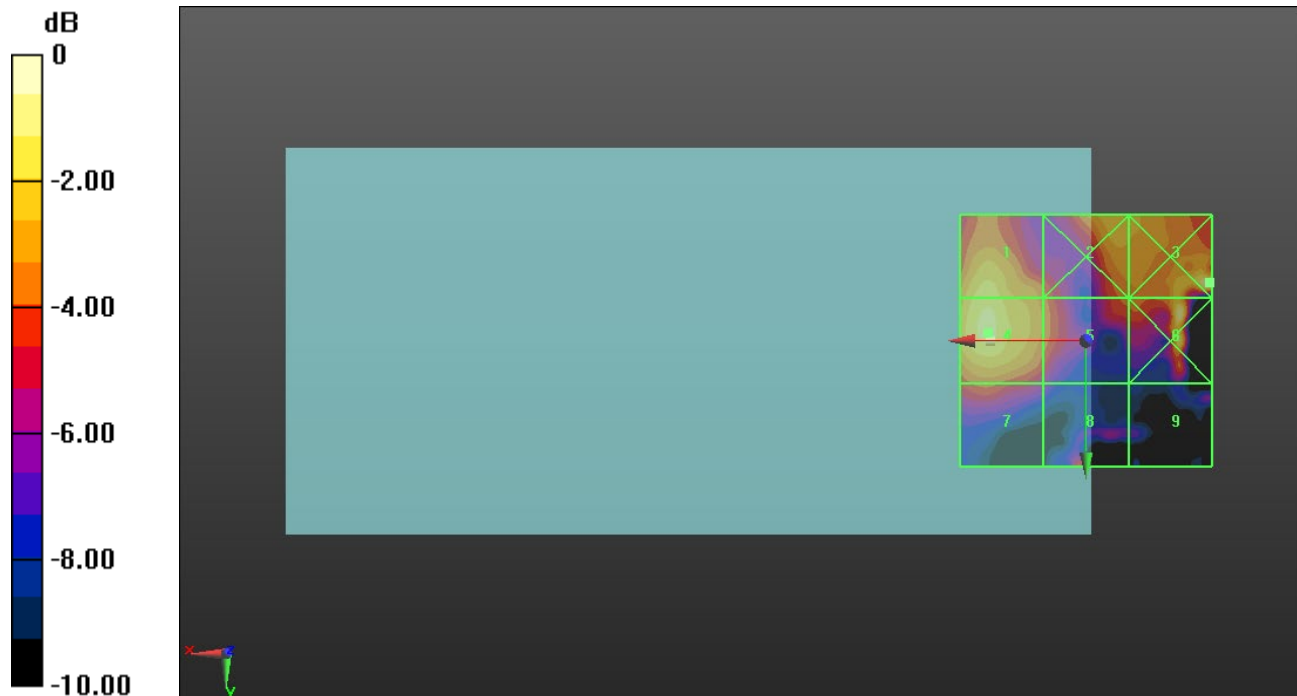
Applied MIF = -3.15 dB

RF audio interference level = 15.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.41 dBV/m	Grid 2 M4 14.76 dBV/m	Grid 3 M4 16.9 dBV/m
Grid 4 M4 15.78 dBV/m	Grid 5 M4 13.51 dBV/m	Grid 6 M4 16.37 dBV/m
Grid 7 M4 13.19 dBV/m	Grid 8 M4 12.45 dBV/m	Grid 9 M4 10.58 dBV/m



0 dB = 7.001 V/m = 16.90 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 = 5.050 V/m; Power Drift = -0.24 dB

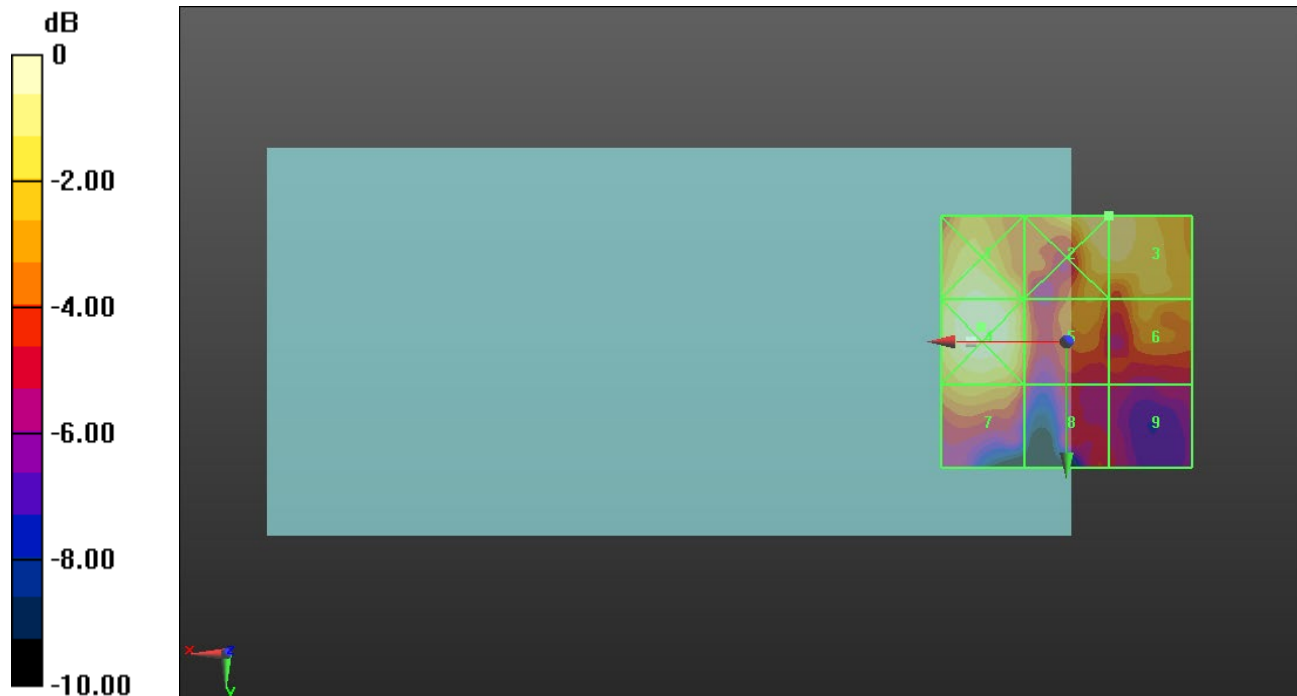
Applied MIF = -3.15 dB

RF audio interference level = 15.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.95 dBV/m	Grid 2 M4 15.59 dBV/m	Grid 3 M4 15.46 dBV/m
Grid 4 M4 16.36 dBV/m	Grid 5 M4 13.95 dBV/m	Grid 6 M4 14.22 dBV/m
Grid 7 M4 14.41 dBV/m	Grid 8 M4 11.95 dBV/m	Grid 9 M4 11.29 dBV/m



0 dB = 6.574 V/m = 16.36 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 = 5.493 V/m; Power Drift = 0.08 dB

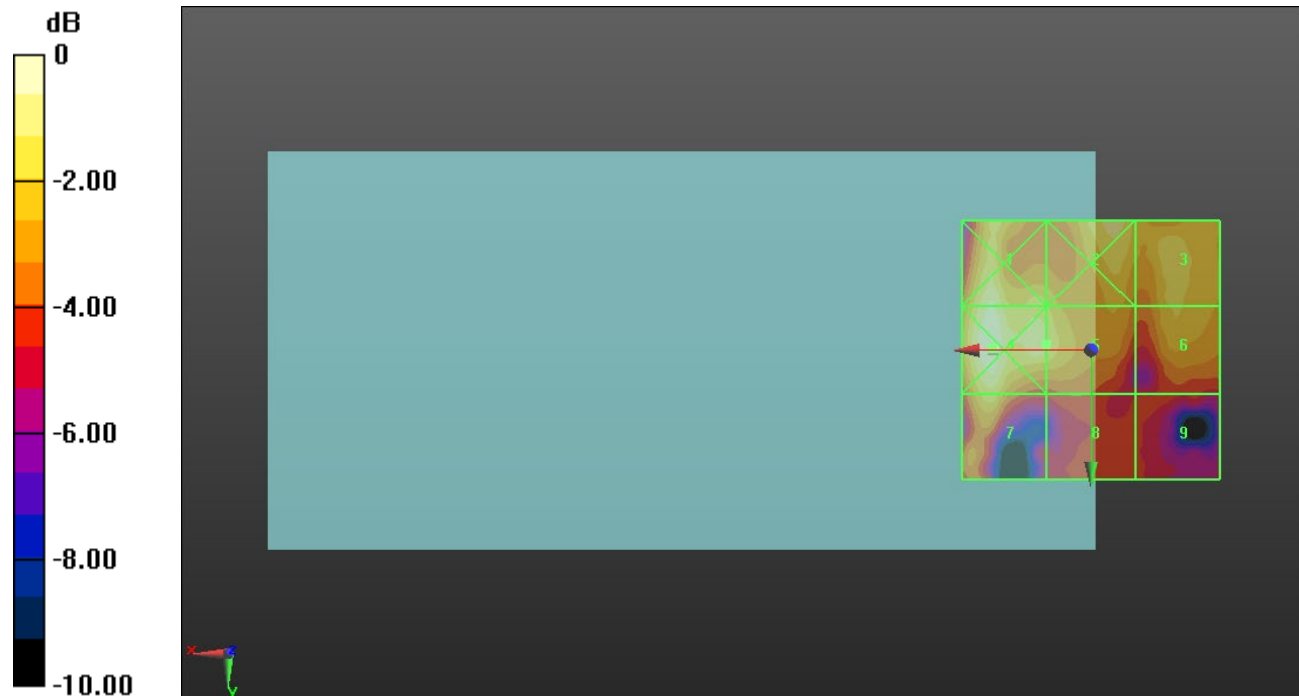
Applied MIF = -3.15 dB

RF audio interference level = 15.72 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.39 dBV/m	Grid 2 M4 15.93 dBV/m	Grid 3 M4 15.59 dBV/m
Grid 4 M4 16.97 dBV/m	Grid 5 M4 15.72 dBV/m	Grid 6 M4 15.06 dBV/m
Grid 7 M4 15.48 dBV/m	Grid 8 M4 13.05 dBV/m	Grid 9 M4 12.62 dBV/m



0 dB = 7.055 V/m = 16.97 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 = 6.426 V/m; Power Drift = -0.18 dB

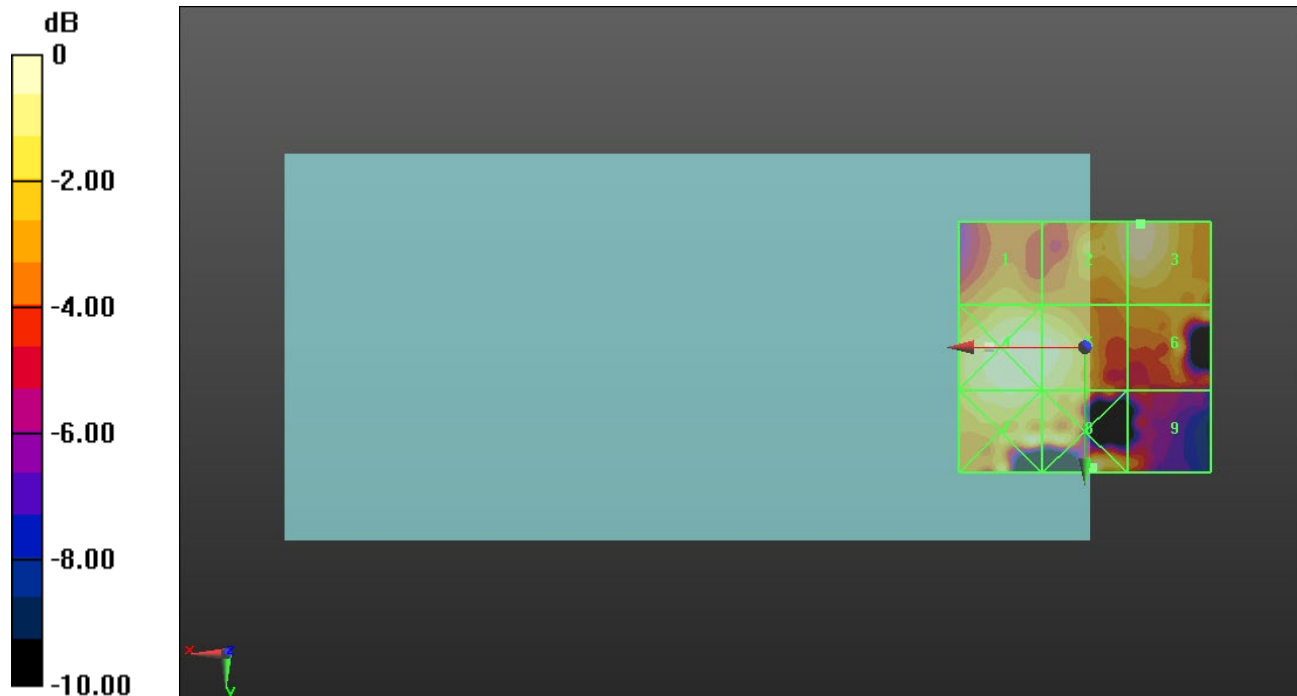
Applied MIF = -3.15 dB

RF audio interference level = 14.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.19 dBV/m	Grid 2 M4 13.71 dBV/m	Grid 3 M4 14.05 dBV/m
Grid 4 M4 14.12 dBV/m	Grid 5 M4 13.94 dBV/m	Grid 6 M4 12.77 dBV/m
Grid 7 M4 13.84 dBV/m	Grid 8 M4 14.15 dBV/m	Grid 9 M4 11.09 dBV/m



0 dB = 5.099 V/m = 14.15 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 = 5.371 V/m; Power Drift = -0.06 dB

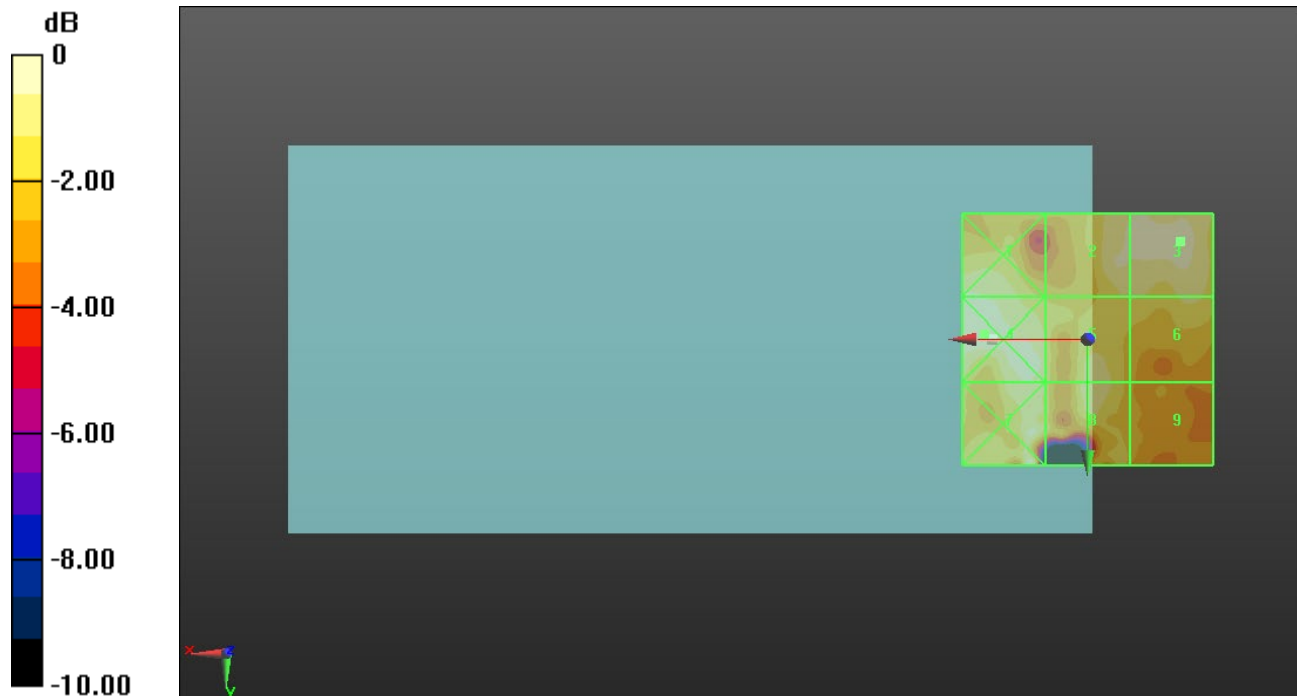
Applied MIF = -3.15 dB

RF audio interference level = 13.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.13 dBV/m	Grid 2 M4 13.11 dBV/m	Grid 3 M4 13.25 dBV/m
Grid 4 M4 13.66 dBV/m	Grid 5 M4 12.76 dBV/m	Grid 6 M4 12.56 dBV/m
Grid 7 M4 13.58 dBV/m	Grid 8 M4 12.83 dBV/m	Grid 9 M4 11.4 dBV/m



0 dB = 4.820 V/m = 13.66 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 = 5.277 V/m; Power Drift = -0.32 dB

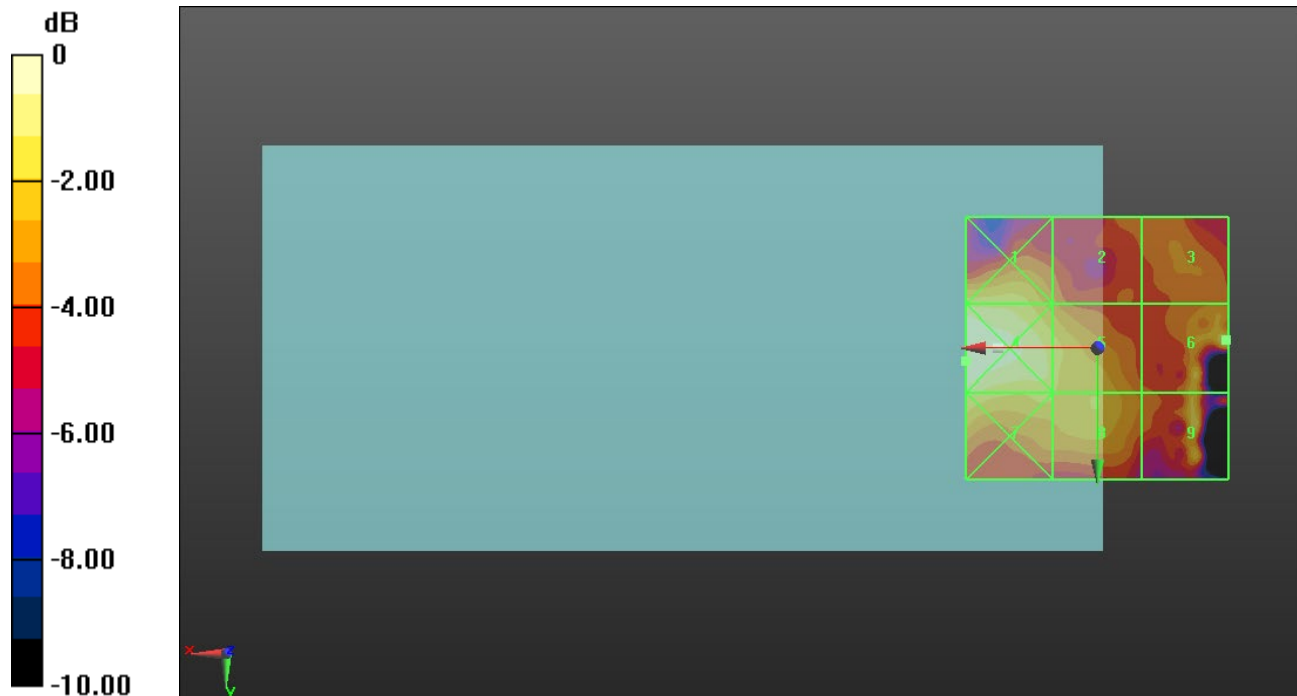
Applied MIF = -3.15 dB

RF audio interference level = 12.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.84 dBV/m	Grid 2 M4 10.31 dBV/m	Grid 3 M4 10.12 dBV/m
Grid 4 M4 13.36 dBV/m	Grid 5 M4 11.83 dBV/m	Grid 6 M4 12.9 dBV/m
Grid 7 M4 12.28 dBV/m	Grid 8 M4 11.45 dBV/m	Grid 9 M4 11.97 dBV/m



0 dB = 4.657 V/m = 13.36 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 = 4.923 V/m; Power Drift = 0.44 dB

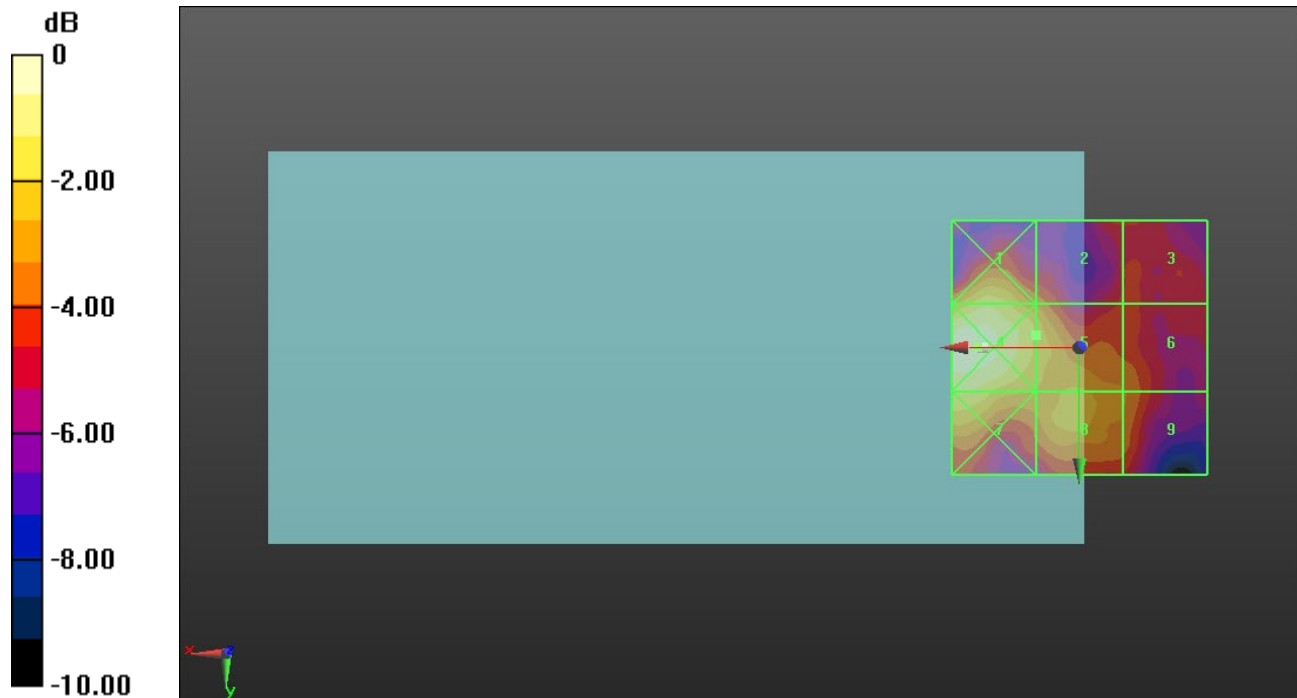
Applied MIF = -3.15 dB

RF audio interference level = 11.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.07 dBV/m	Grid 2 M4 10.11 dBV/m	Grid 3 M4 9.22 dBV/m
Grid 4 M4 13.52 dBV/m	Grid 5 M4 11.42 dBV/m	Grid 6 M4 10.25 dBV/m
Grid 7 M4 12.29 dBV/m	Grid 8 M4 11.23 dBV/m	Grid 9 M4 10.31 dBV/m



0 dB = 4.741 V/m = 13.52 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 = 5.138 V/m; Power Drift = -0.49 dB

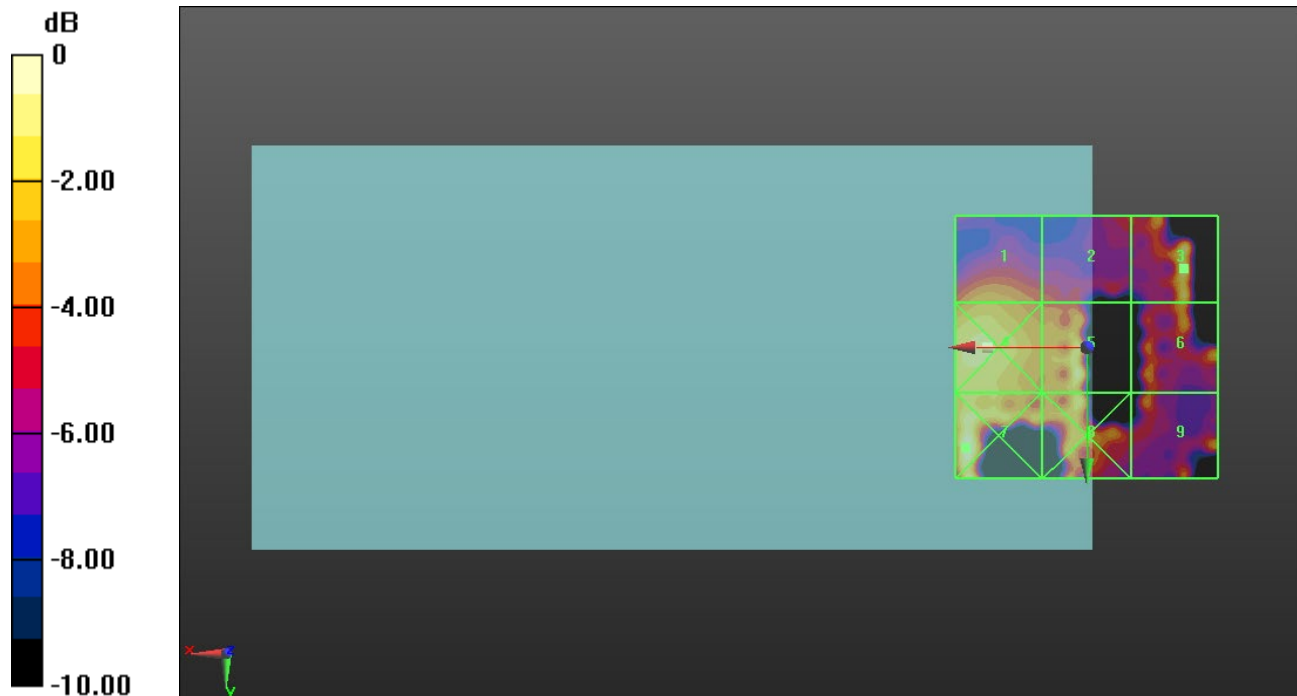
Applied MIF = -3.15 dB

RF audio interference level = 13.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.74 dBV/m	Grid 2 M4 10.24 dBV/m	Grid 3 M4 13.84 dBV/m
Grid 4 M4 13.26 dBV/m	Grid 5 M4 13.54 dBV/m	Grid 6 M4 12.11 dBV/m
Grid 7 M4 14.37 dBV/m	Grid 8 M4 13.07 dBV/m	Grid 9 M4 11.62 dBV/m



0 dB = 5.229 V/m = 14.37 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 = 4.928 V/m; Power Drift = 0.37 dB

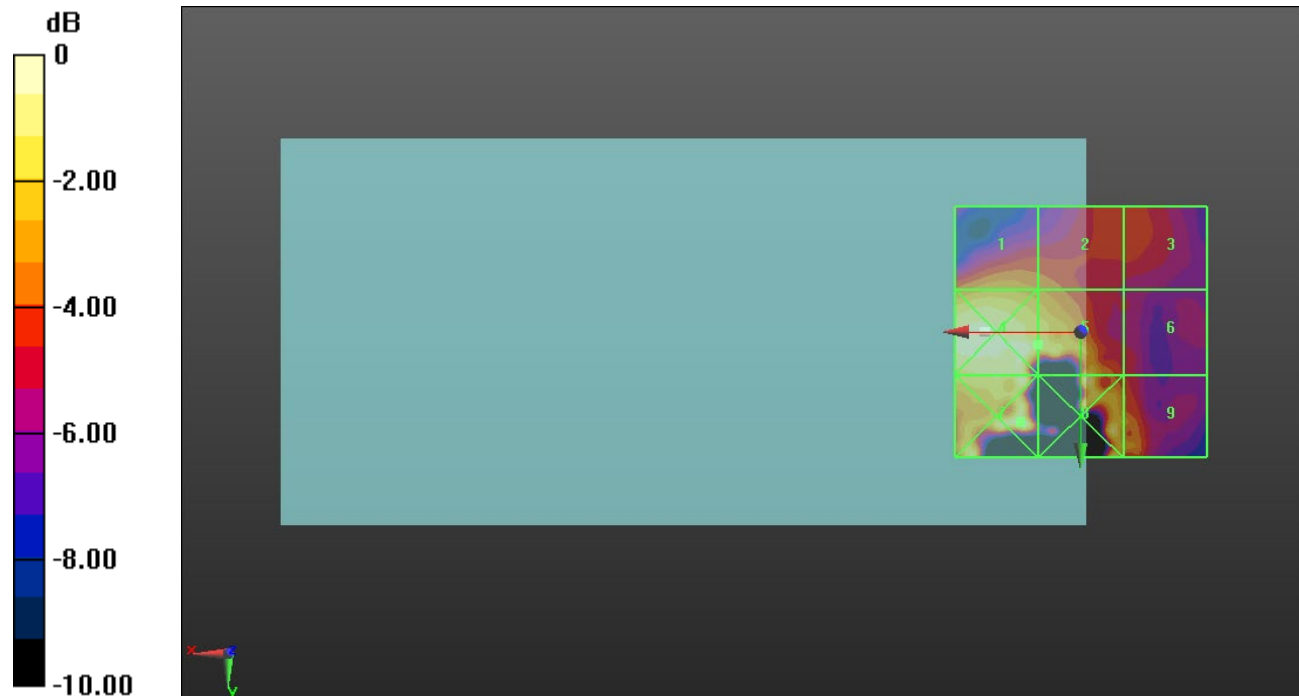
Applied MIF = -3.15 dB

RF audio interference level = 12.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.63 dBV/m	Grid 2 M4 10 dBV/m	Grid 3 M4 9.01 dBV/m
Grid 4 M4 13.02 dBV/m	Grid 5 M4 12.24 dBV/m	Grid 6 M4 8.64 dBV/m
Grid 7 M4 13.27 dBV/m	Grid 8 M4 12.89 dBV/m	Grid 9 M4 10.57 dBV/m



0 dB = 4.606 V/m = 13.27 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 = 8.338 V/m; Power Drift = -0.17 dB

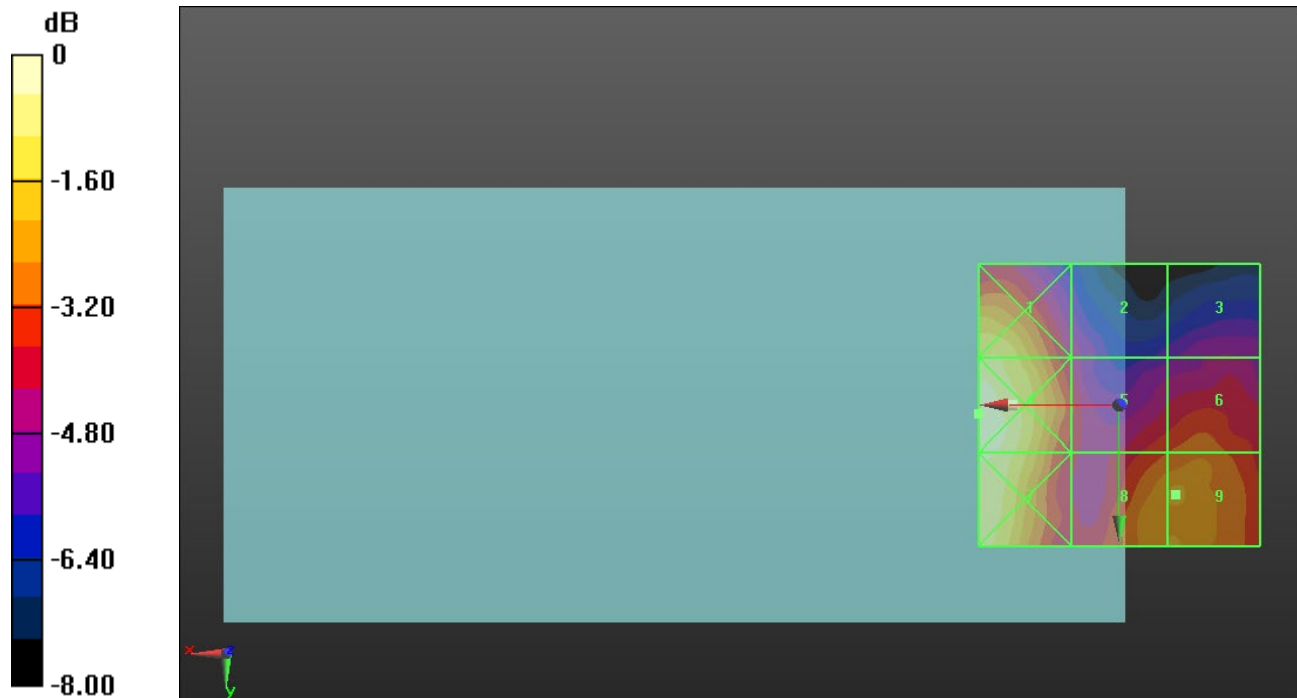
Applied MIF = -1.44 dB

RF audio interference level = 20.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.24 dBV/m	Grid 2 M4 17.89 dBV/m	Grid 3 M4 17.54 dBV/m
Grid 4 M4 22.25 dBV/m	Grid 5 M4 19.07 dBV/m	Grid 6 M4 19.48 dBV/m
Grid 7 M4 21.82 dBV/m	Grid 8 M4 20.13 dBV/m	Grid 9 M4 20.24 dBV/m



0 dB = 12.96 V/m = 22.25 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 = 8.940 V/m; Power Drift = 0.03 dB

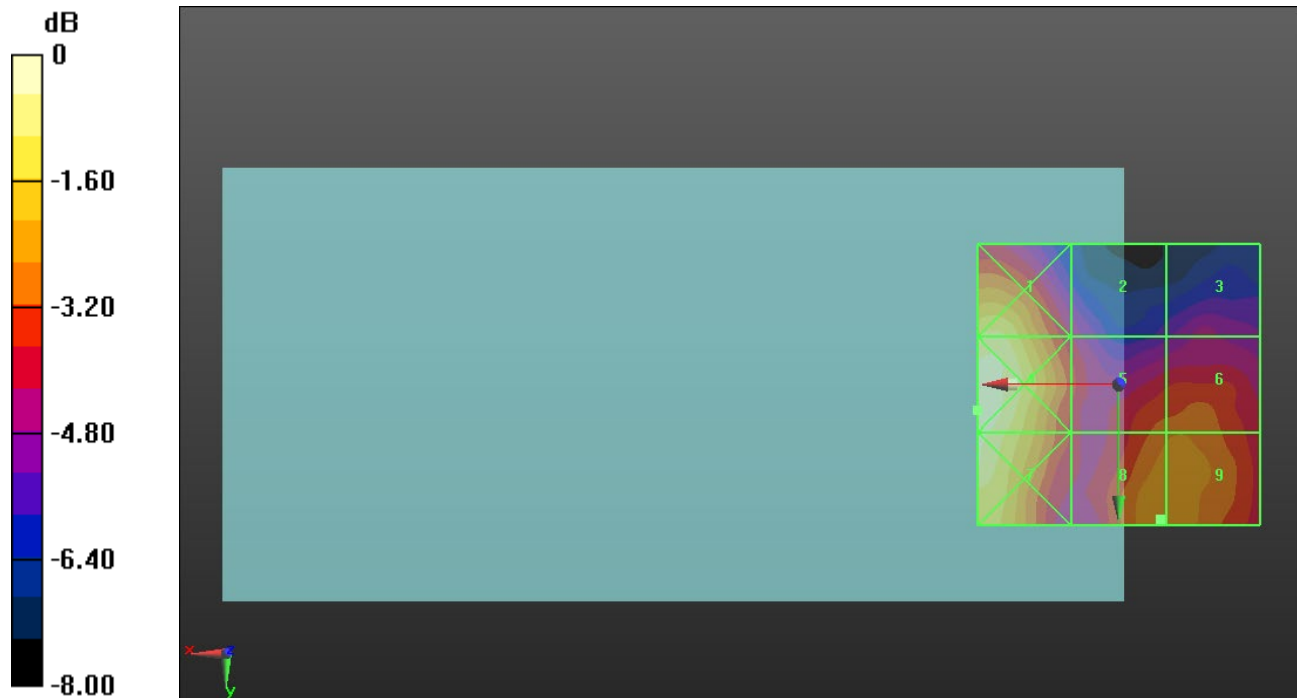
Applied MIF = -1.44 dB

RF audio interference level = 20.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.5 dBV/m	Grid 2 M4 18.18 dBV/m	Grid 3 M4 17.81 dBV/m
Grid 4 M4 22.38 dBV/m	Grid 5 M4 19.56 dBV/m	Grid 6 M4 19.69 dBV/m
Grid 7 M4 22.08 dBV/m	Grid 8 M4 20.13 dBV/m	Grid 9 M4 20.12 dBV/m



0 dB = 13.16 V/m = 22.39 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 = 7.984 V/m; Power Drift = 0.13 dB

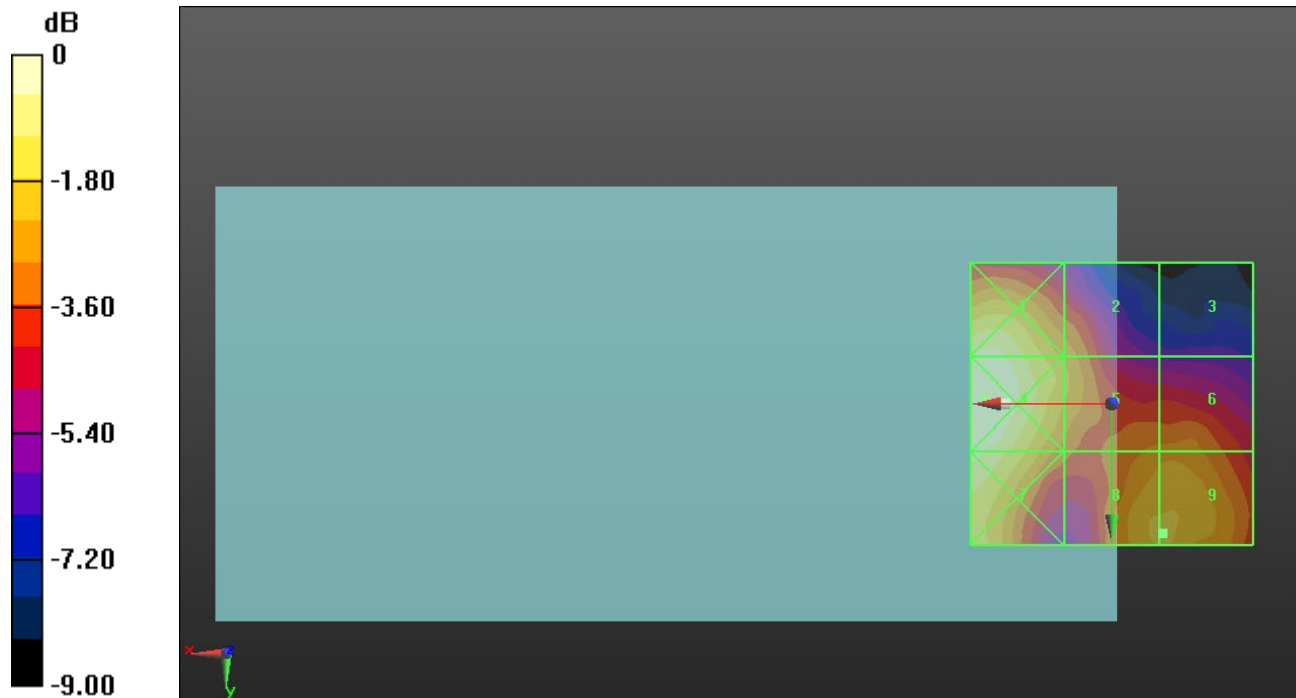
Applied MIF = -1.44 dB

RF audio interference level = 18.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.16 dBV/m	Grid 2 M4 18.02 dBV/m	Grid 3 M4 14.42 dBV/m
Grid 4 M4 20.57 dBV/m	Grid 5 M4 18.42 dBV/m	Grid 6 M4 17.92 dBV/m
Grid 7 M4 20.16 dBV/m	Grid 8 M4 18.84 dBV/m	Grid 9 M4 18.84 dBV/m



0 dB = 10.67 V/m = 20.56 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 = 8.756 V/m; Power Drift = -0.07 dB

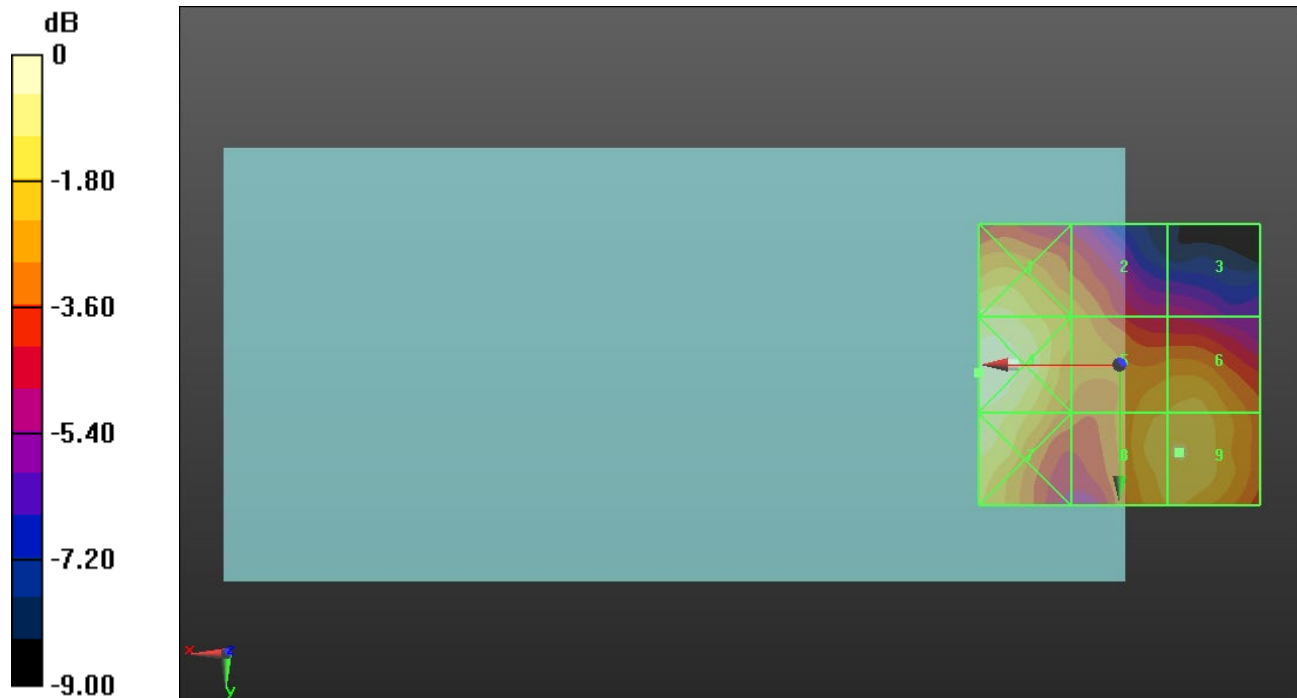
Applied MIF = -1.44 dB

RF audio interference level = 18.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.66 dBV/m	Grid 2 M4 17.05 dBV/m	Grid 3 M4 14.78 dBV/m
Grid 4 M4 19.61 dBV/m	Grid 5 M4 17.83 dBV/m	Grid 6 M4 18.01 dBV/m
Grid 7 M4 18.82 dBV/m	Grid 8 M4 18.36 dBV/m	Grid 9 M4 18.47 dBV/m



0 dB = 9.566 V/m = 19.61 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 = 33.63 V/m; Power Drift = -0.18 dB

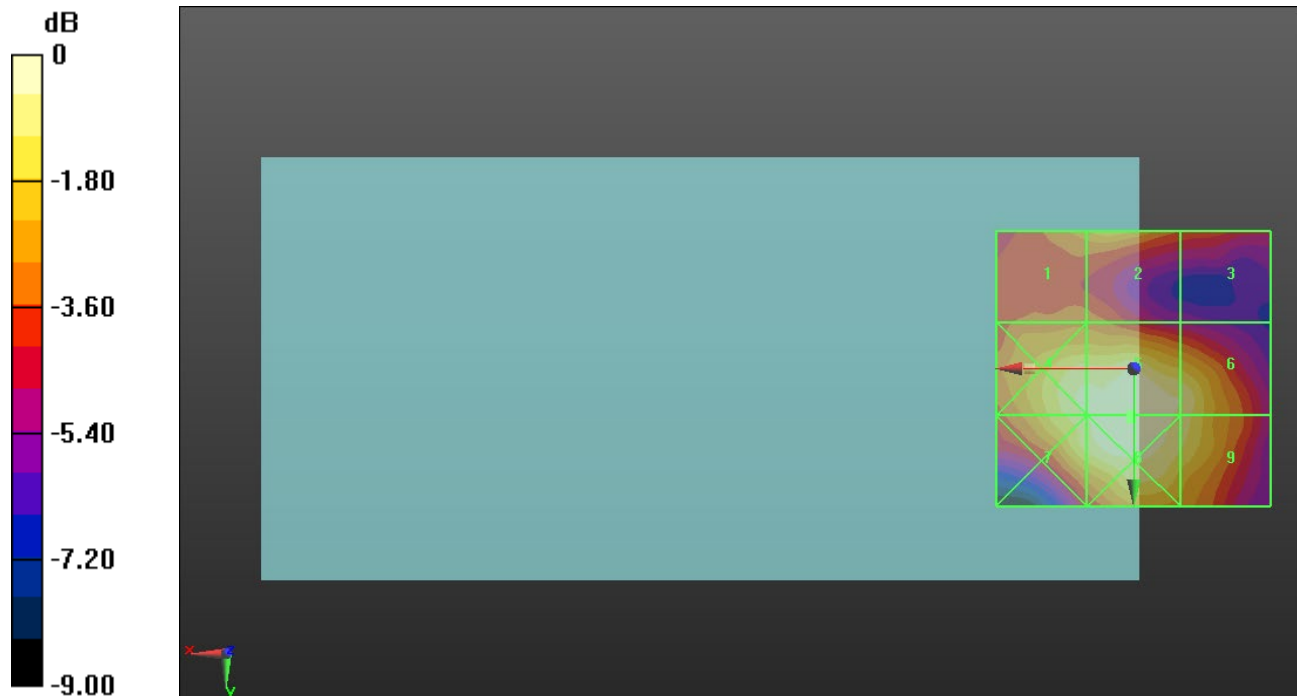
Applied MIF = -1.44 dB

RF audio interference level = 27.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.73 dBV/m	Grid 2 M4 25.26 dBV/m	Grid 3 M4 23.6 dBV/m
Grid 4 M4 26.84 dBV/m	Grid 5 M4 27.25 dBV/m	Grid 6 M4 26.64 dBV/m
Grid 7 M4 26.65 dBV/m	Grid 8 M4 27.25 dBV/m	Grid 9 M4 26.48 dBV/m



0 dB = 23.05 V/m = 27.25 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 = 28.57 V/m; Power Drift = -0.13 dB

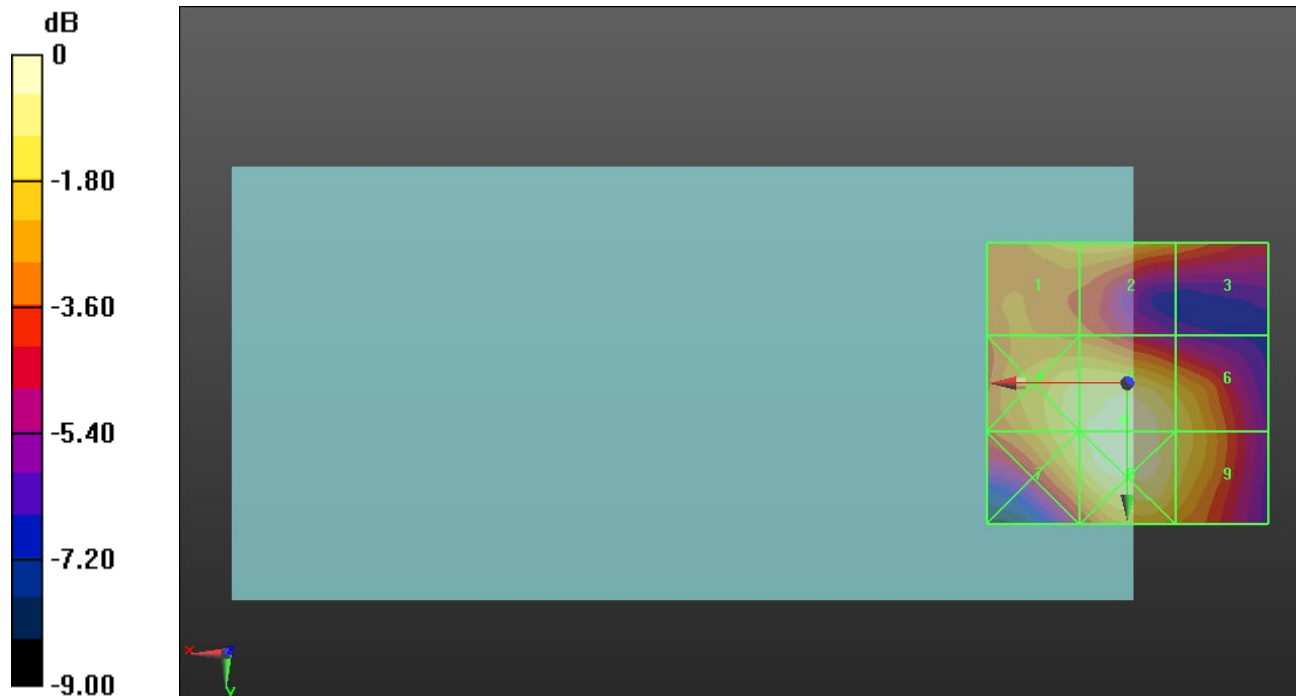
Applied MIF = -1.44 dB

RF audio interference level = 26.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.46 dBV/m	Grid 2 M4 24.63 dBV/m	Grid 3 M4 23.56 dBV/m
Grid 4 M4 25.51 dBV/m	Grid 5 M4 26.26 dBV/m	Grid 6 M4 25.16 dBV/m
Grid 7 M4 25.47 dBV/m	Grid 8 M4 26.24 dBV/m	Grid 9 M4 25.19 dBV/m



0 dB = 20.56 V/m = 26.26 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 = 24.23 V/m; Power Drift = 0.14 dB

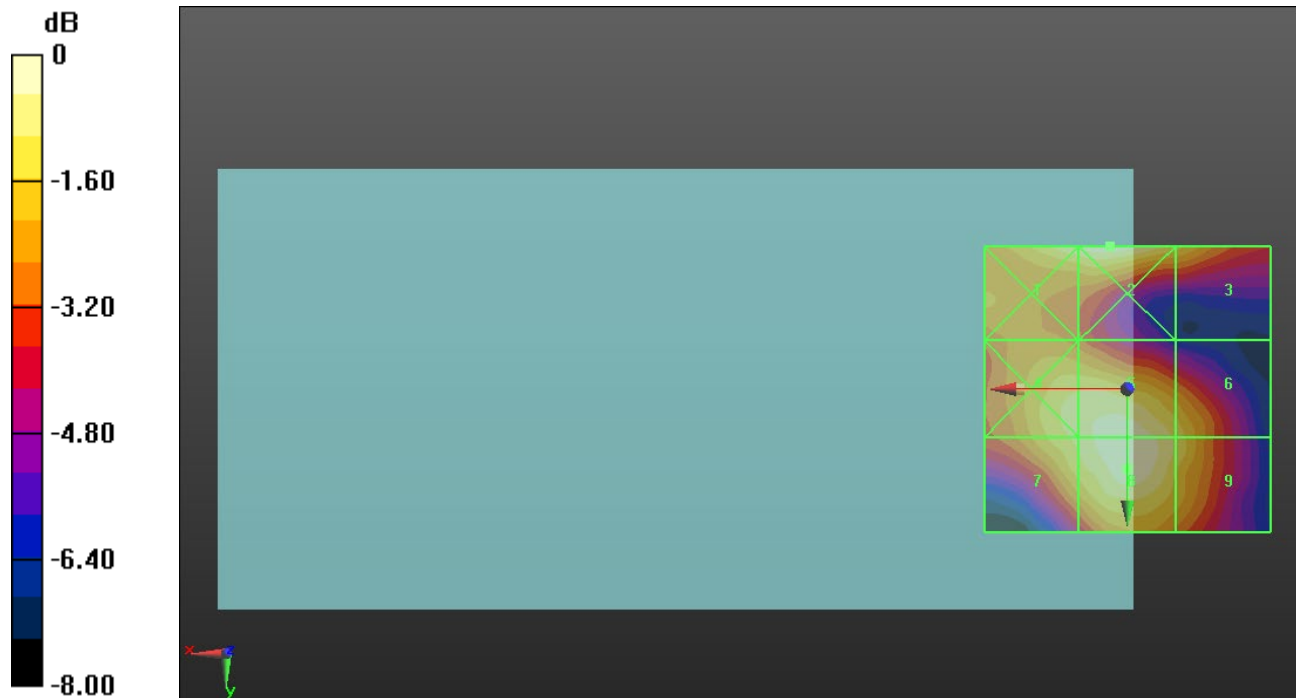
Applied MIF = -1.44 dB

RF audio interference level = 25.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25 dBV/m	Grid 2 M4 25.29 dBV/m	Grid 3 M4 24 dBV/m
Grid 4 M4 24.59 dBV/m	Grid 5 M4 24.95 dBV/m	Grid 6 M4 24.09 dBV/m
Grid 7 M4 24.44 dBV/m	Grid 8 M4 25.17 dBV/m	Grid 9 M4 24.15 dBV/m



0 dB = 18.39 V/m = 25.29 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 = 21.48 V/m; Power Drift = 0.04 dB

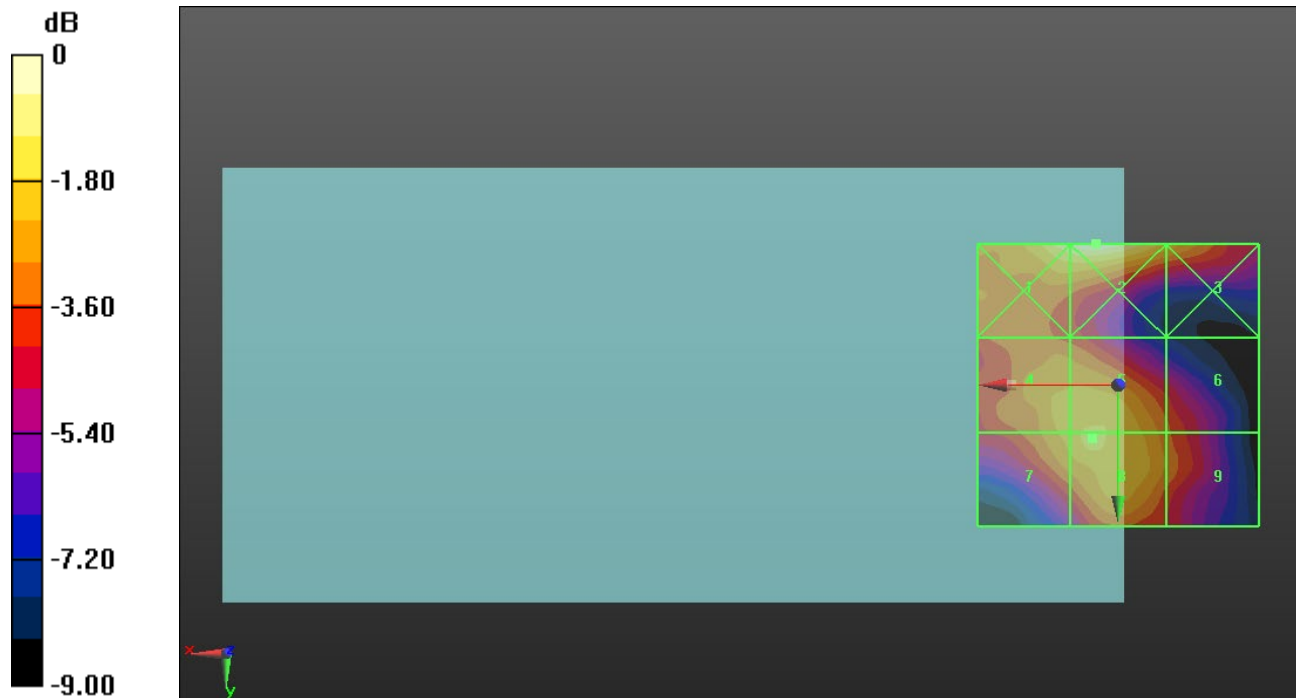
Applied MIF = -1.44 dB

RF audio interference level = 24.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.23 dBV/m	Grid 2 M4 25.77 dBV/m	Grid 3 M4 23.83 dBV/m
Grid 4 M4 23.79 dBV/m	Grid 5 M4 24.13 dBV/m	Grid 6 M4 22.41 dBV/m
Grid 7 M4 23.71 dBV/m	Grid 8 M4 24.18 dBV/m	Grid 9 M4 22.74 dBV/m



0 dB = 19.43 V/m = 25.77 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 = 6.851 V/m; Power Drift = -0.16 dB

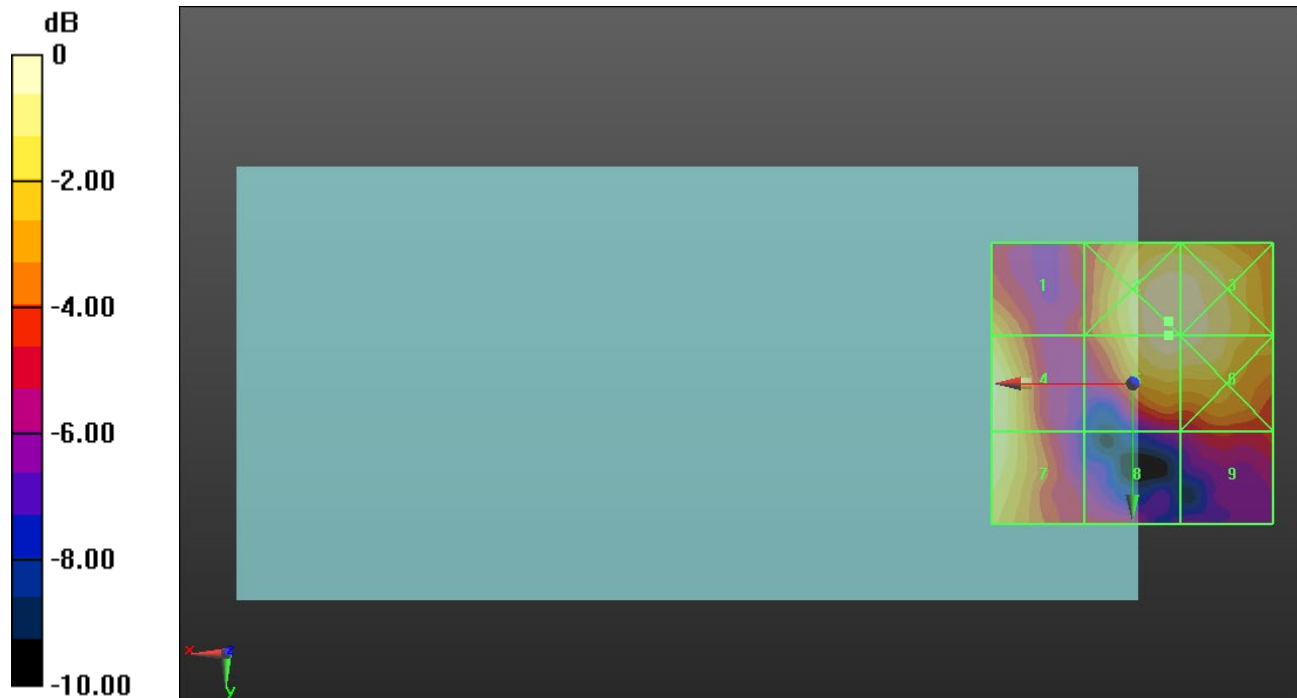
Applied MIF = -1.44 dB

RF audio interference level = 15.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.75 dBV/m	Grid 2 M4 15.59 dBV/m	Grid 3 M4 15.47 dBV/m
Grid 4 M4 15.13 dBV/m	Grid 5 M4 15.42 dBV/m	Grid 6 M4 15.31 dBV/m
Grid 7 M4 15.05 dBV/m	Grid 8 M4 10.57 dBV/m	Grid 9 M4 11.24 dBV/m



0 dB = 6.018 V/m = 15.59 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 = 8.044 V/m; Power Drift = -0.05 dB

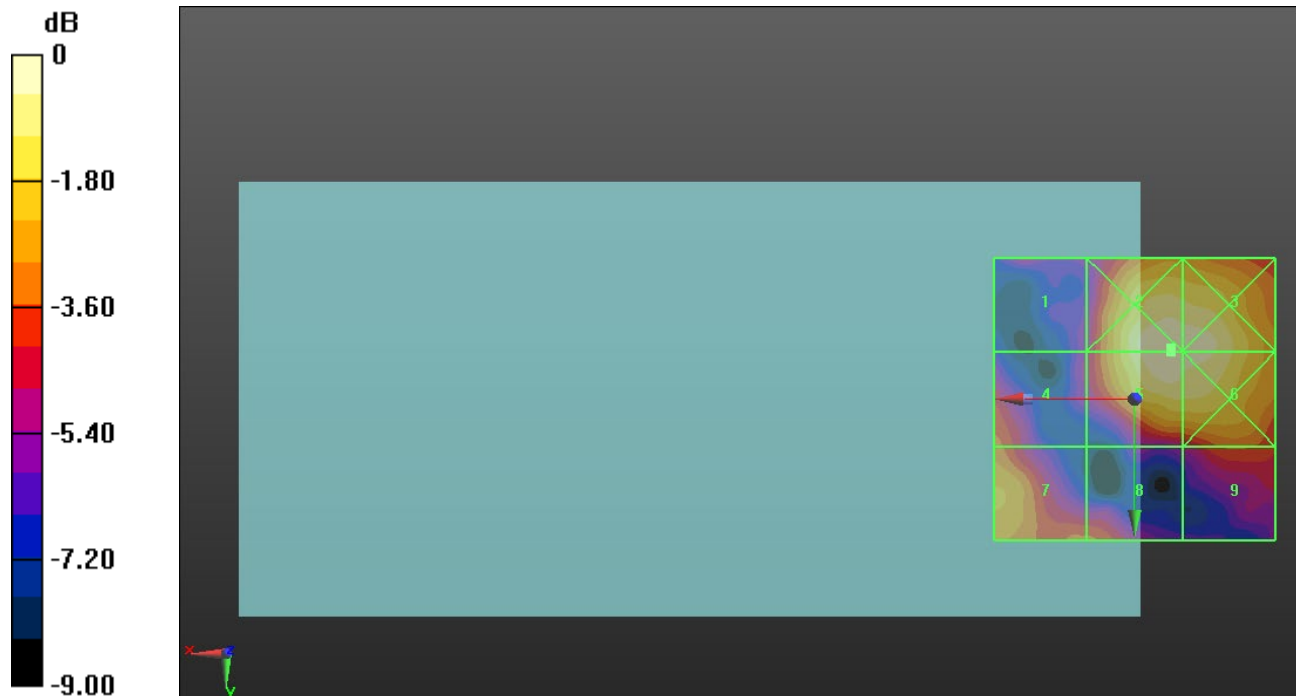
Applied MIF = -1.44 dB

RF audio interference level = 15.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.98 dBV/m	Grid 2 M4 15.88 dBV/m	Grid 3 M4 15.81 dBV/m
Grid 4 M4 12.62 dBV/m	Grid 5 M4 15.87 dBV/m	Grid 6 M4 15.78 dBV/m
Grid 7 M4 13.57 dBV/m	Grid 8 M4 12.44 dBV/m	Grid 9 M4 12.41 dBV/m



0 dB = 6.220 V/m = 15.88 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 = 10.05 V/m; Power Drift = 0.16 dB

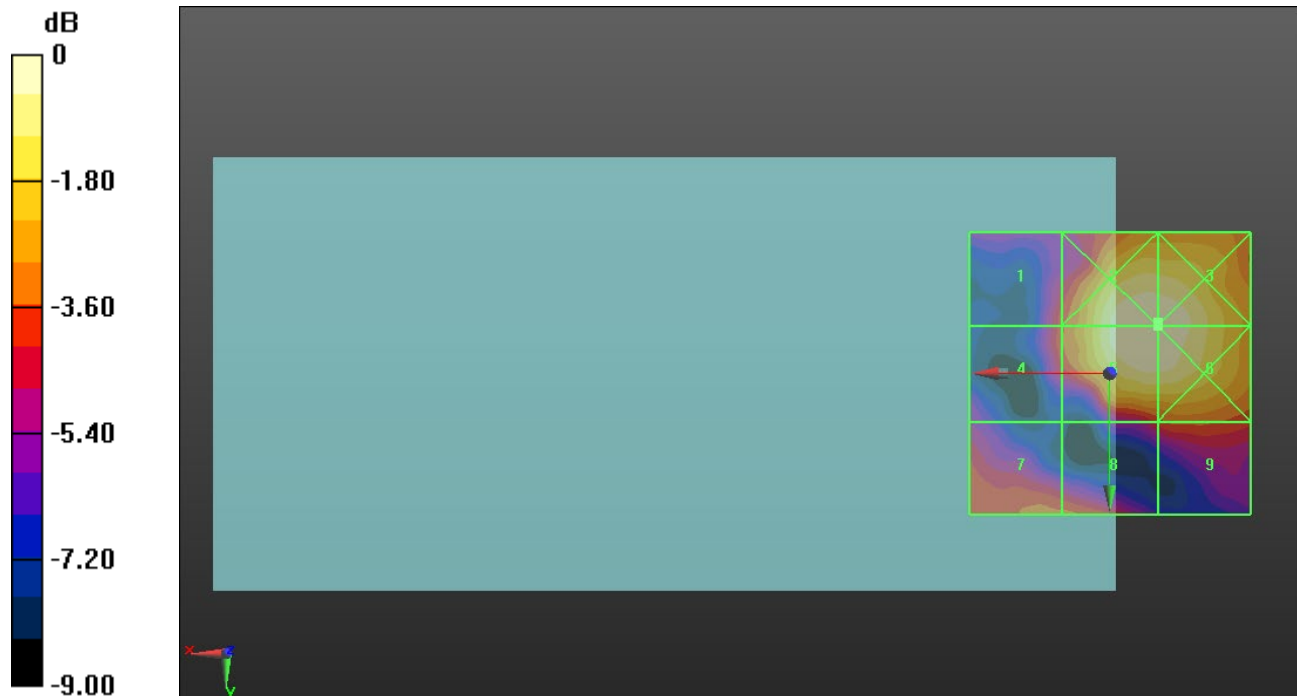
Applied MIF = -1.44 dB

RF audio interference level = 17.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.24 dBV/m	Grid 2 M4 17.07 dBV/m	Grid 3 M4 17.07 dBV/m
Grid 4 M4 13.41 dBV/m	Grid 5 M4 17.06 dBV/m	Grid 6 M4 17.06 dBV/m
Grid 7 M4 13.64 dBV/m	Grid 8 M4 13.69 dBV/m	Grid 9 M4 13.7 dBV/m



0 dB = 7.135 V/m = 17.07 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 = 11.65 V/m; Power Drift = 0.05 dB

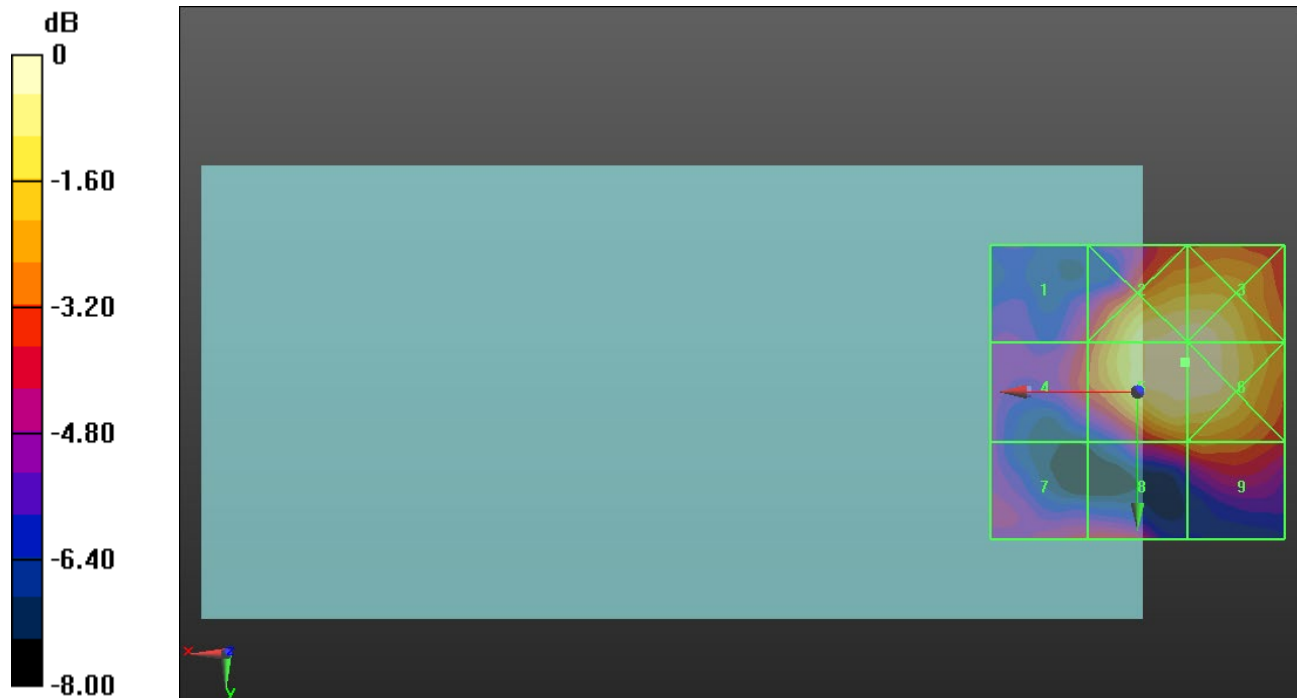
Applied MIF = -1.44 dB

RF audio interference level = 17.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.12 dBV/m	Grid 2 M4 17.75 dBV/m	Grid 3 M4 17.76 dBV/m
Grid 4 M4 14.64 dBV/m	Grid 5 M4 17.88 dBV/m	Grid 6 M4 17.88 dBV/m
Grid 7 M4 14.04 dBV/m	Grid 8 M4 15.19 dBV/m	Grid 9 M4 15.49 dBV/m



0 dB = 7.831 V/m = 17.88 dBV/m