

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 = 46.88 V/m; Power Drift = 0.01 dB

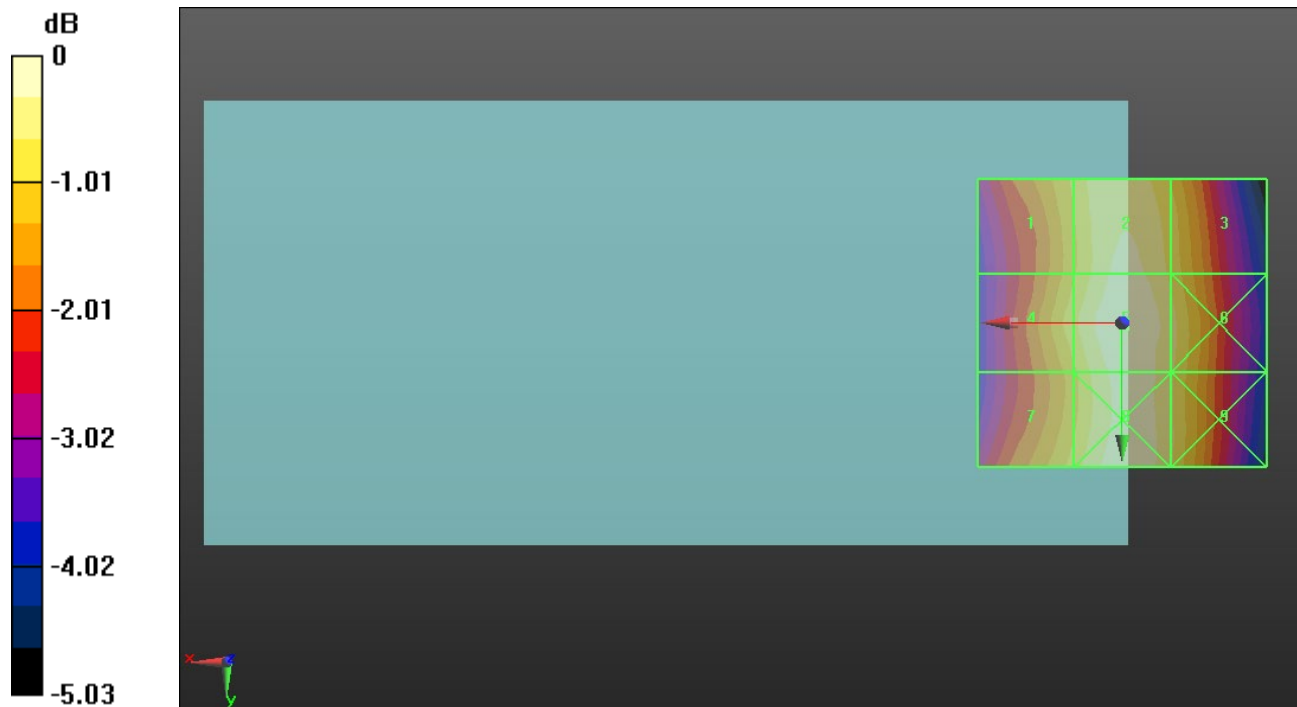
Applied MIF = 3.63 dB

RF audio interference level = 34.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.44 dBV/m	Grid 2 M4 34.17 dBV/m	Grid 3 M4 33.62 dBV/m
Grid 4 M4 33.6 dBV/m	Grid 5 M4 34.37 dBV/m	Grid 6 M4 33.82 dBV/m
Grid 7 M4 33.52 dBV/m	Grid 8 M4 34.27 dBV/m	Grid 9 M4 33.77 dBV/m



0 dB = 52.29 V/m = 34.37 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 = 50.14 V/m; Power Drift = -0.00 dB

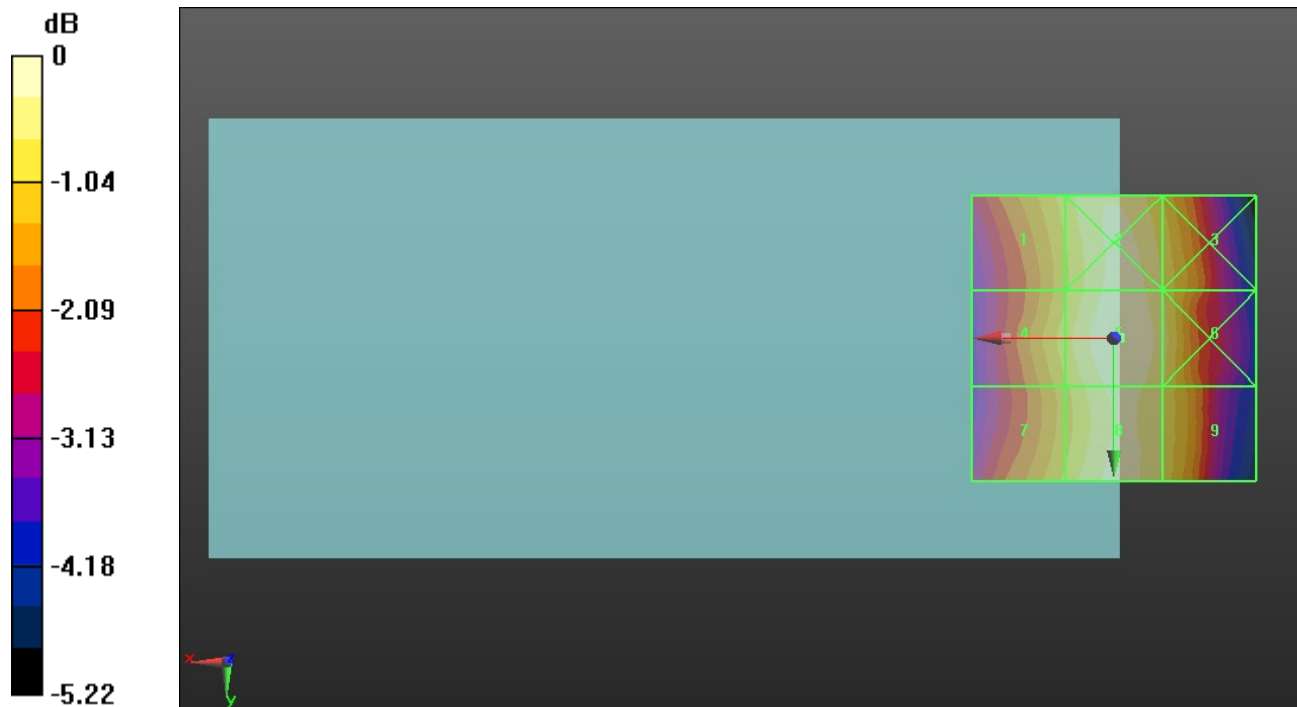
Applied MIF = 3.63 dB

RF audio interference level = 34.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.1 dBV/m	Grid 2 M4 34.77 dBV/m	Grid 3 M4 34.28 dBV/m
Grid 4 M4 34.13 dBV/m	Grid 5 M4 34.96 dBV/m	Grid 6 M4 34.45 dBV/m
Grid 7 M4 34.02 dBV/m	Grid 8 M4 34.73 dBV/m	Grid 9 M4 34.3 dBV/m



0 dB = 55.98 V/m = 34.96 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 = 47.54 V/m; Power Drift = -0.04 dB

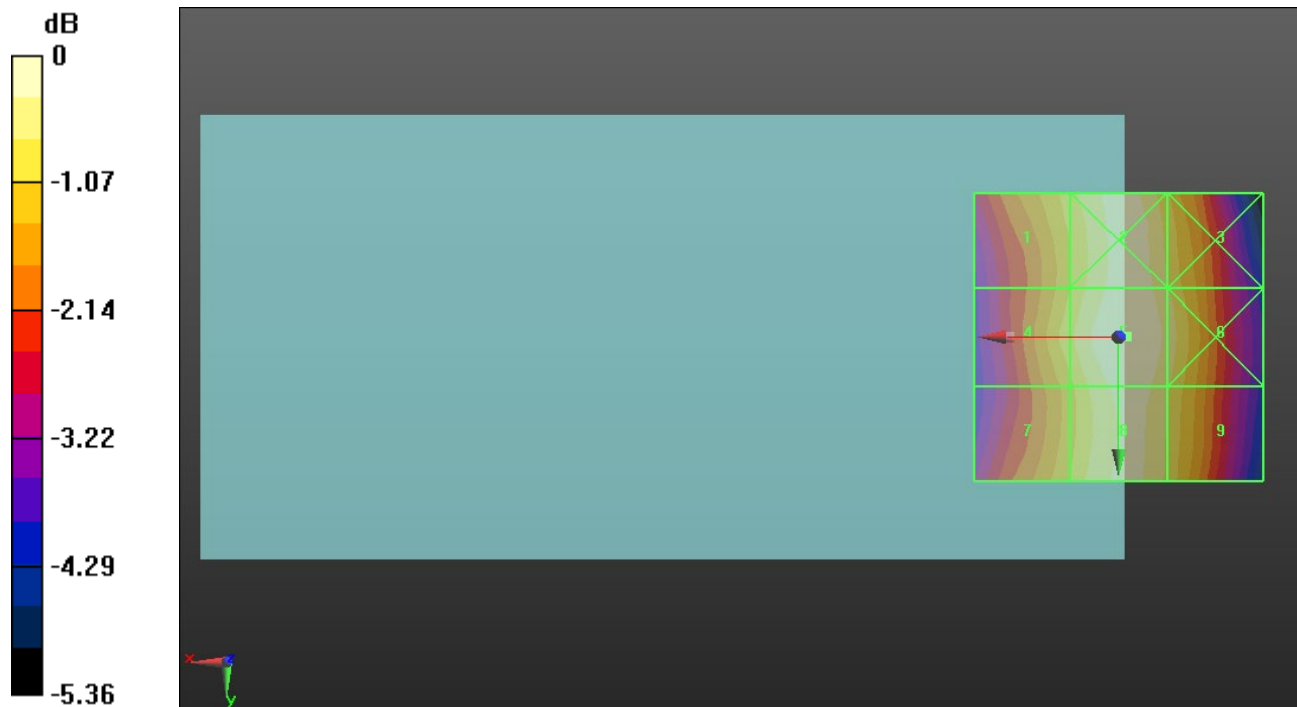
Applied MIF = 3.63 dB

RF audio interference level = 34.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.55 dBV/m	Grid 2 M4 34.24 dBV/m	Grid 3 M4 33.72 dBV/m
Grid 4 M4 33.6 dBV/m	Grid 5 M4 34.41 dBV/m	Grid 6 M4 33.92 dBV/m
Grid 7 M4 33.38 dBV/m	Grid 8 M4 34.19 dBV/m	Grid 9 M4 33.75 dBV/m



0 dB = 52.56 V/m = 34.41 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 = 19.06 V/m; Power Drift = -0.00 dB

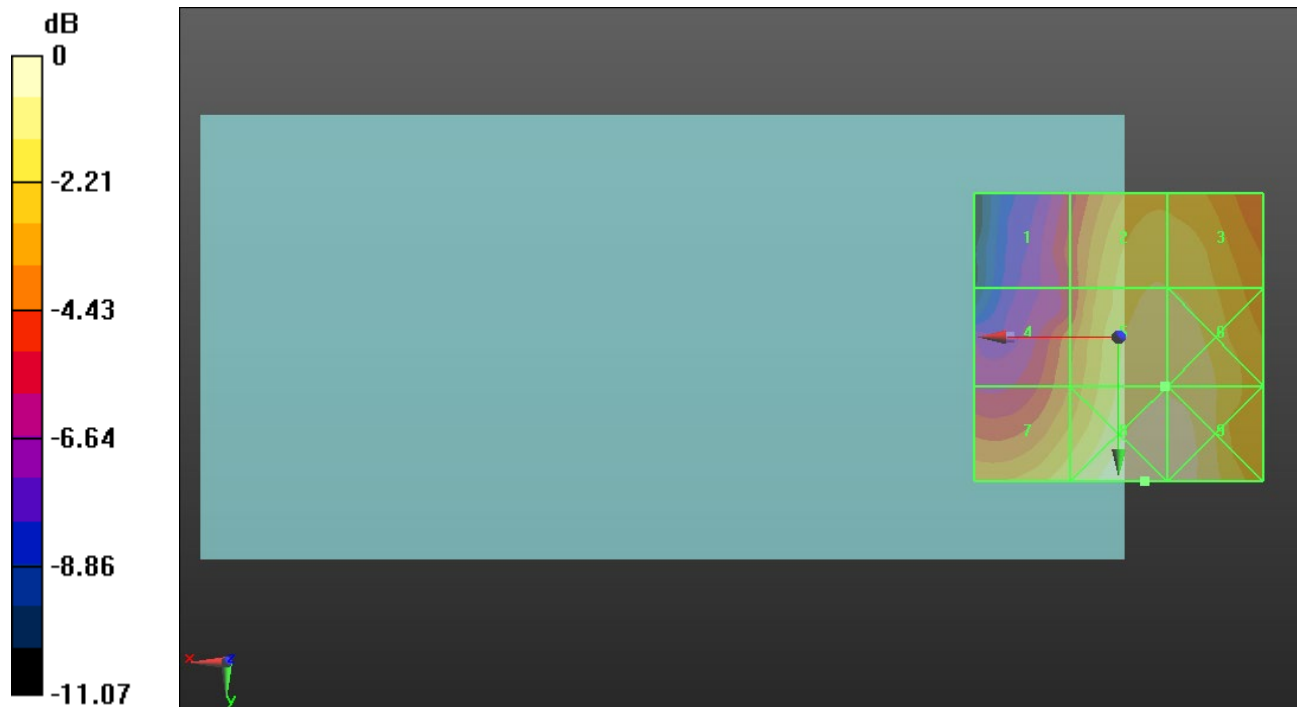
Applied MIF = 3.63 dB

RF audio interference level = 27.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.82 dBV/m	Grid 2 M4 27.26 dBV/m	Grid 3 M4 27.22 dBV/m
Grid 4 M4 25.06 dBV/m	Grid 5 M4 27.89 dBV/m	Grid 6 M4 27.89 dBV/m
Grid 7 M4 27.13 dBV/m	Grid 8 M4 28.68 dBV/m	Grid 9 M4 28.51 dBV/m



0 dB = 27.16 V/m = 28.68 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 661/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.09 V/m; Power Drift = 0.00 dB

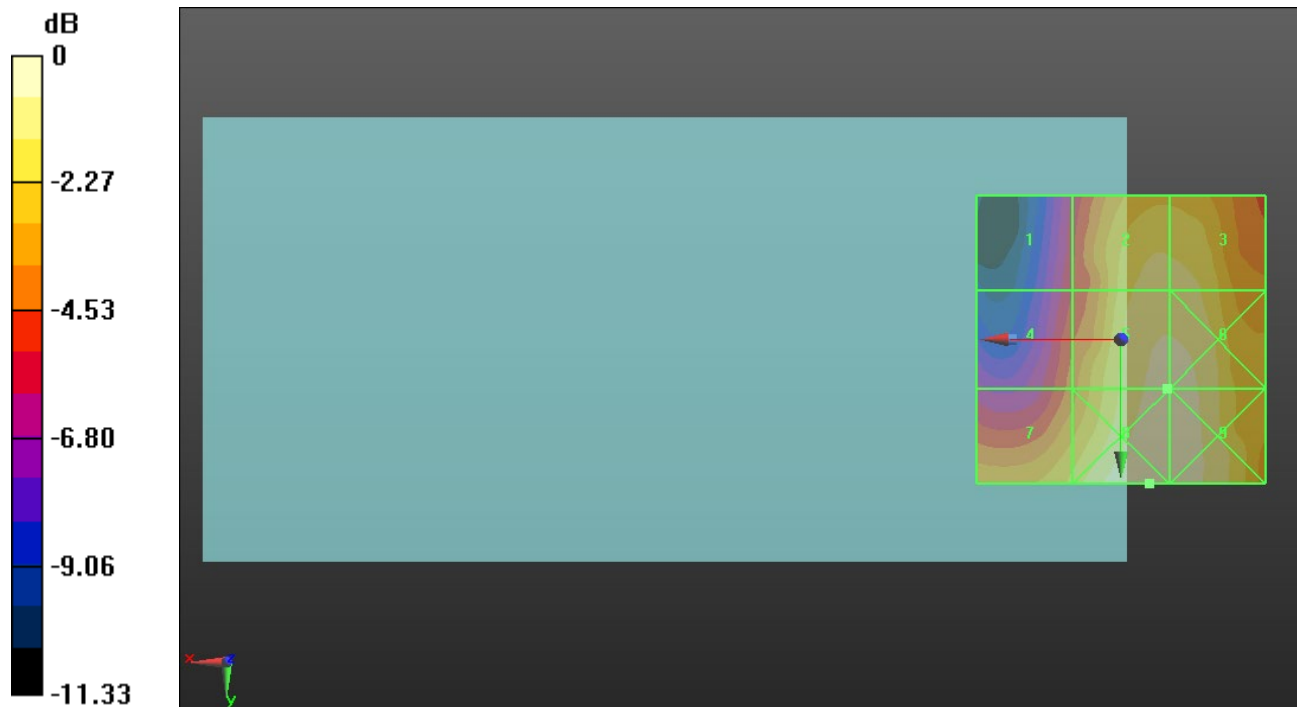
Applied MIF = 3.63 dB

RF audio interference level = 28.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.3 dBV/m	Grid 2 M4 27.43 dBV/m	Grid 3 M4 27.4 dBV/m
Grid 4 M4 24.46 dBV/m	Grid 5 M4 28.05 dBV/m	Grid 6 M4 28.05 dBV/m
Grid 7 M4 26.56 dBV/m	Grid 8 M4 28.58 dBV/m	Grid 9 M4 28.44 dBV/m



0 dB = 26.84 V/m = 28.58 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 = 19.93 V/m; Power Drift = -0.06 dB

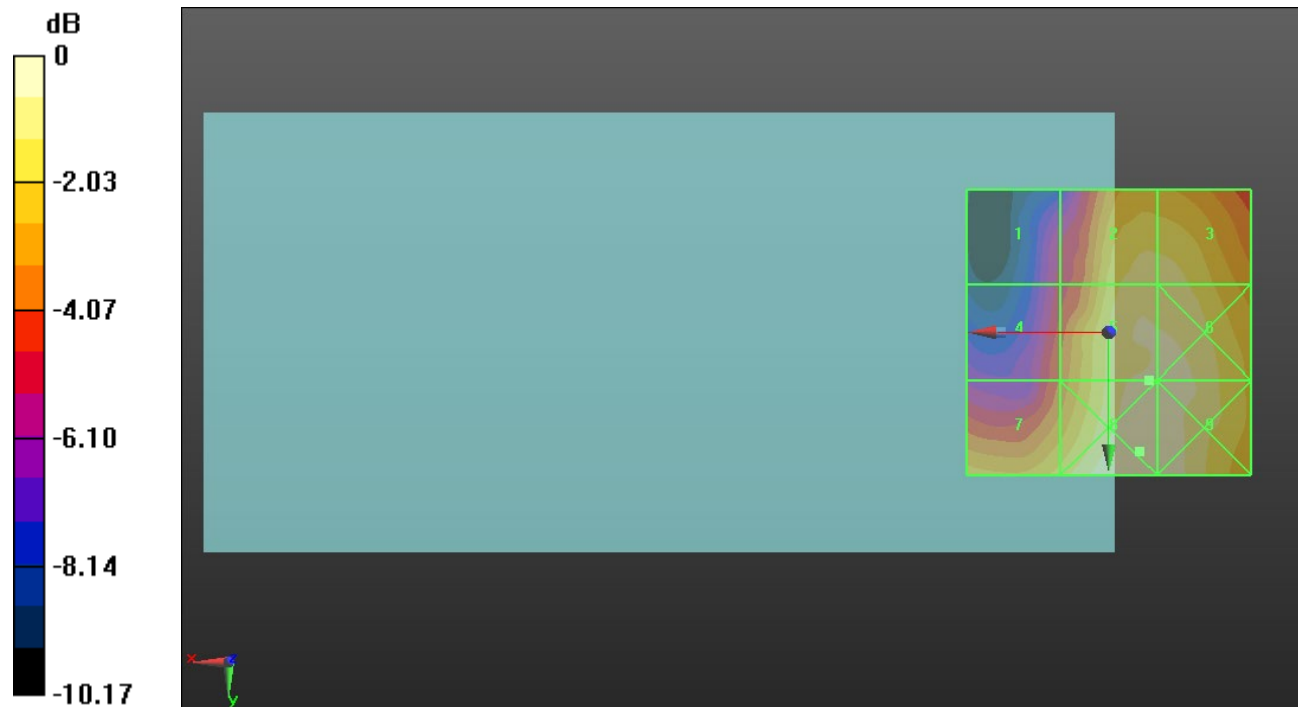
Applied MIF = 3.63 dB

RF audio interference level = 27.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.32 dBV/m	Grid 2 M4 27.4 dBV/m	Grid 3 M4 27.37 dBV/m
Grid 4 M4 24.48 dBV/m	Grid 5 M4 27.93 dBV/m	Grid 6 M4 27.93 dBV/m
Grid 7 M4 26.68 dBV/m	Grid 8 M4 28.38 dBV/m	Grid 9 M4 28.25 dBV/m



0 dB = 26.25 V/m = 28.38 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 = 7.117 V/m; Power Drift = 0.26 dB

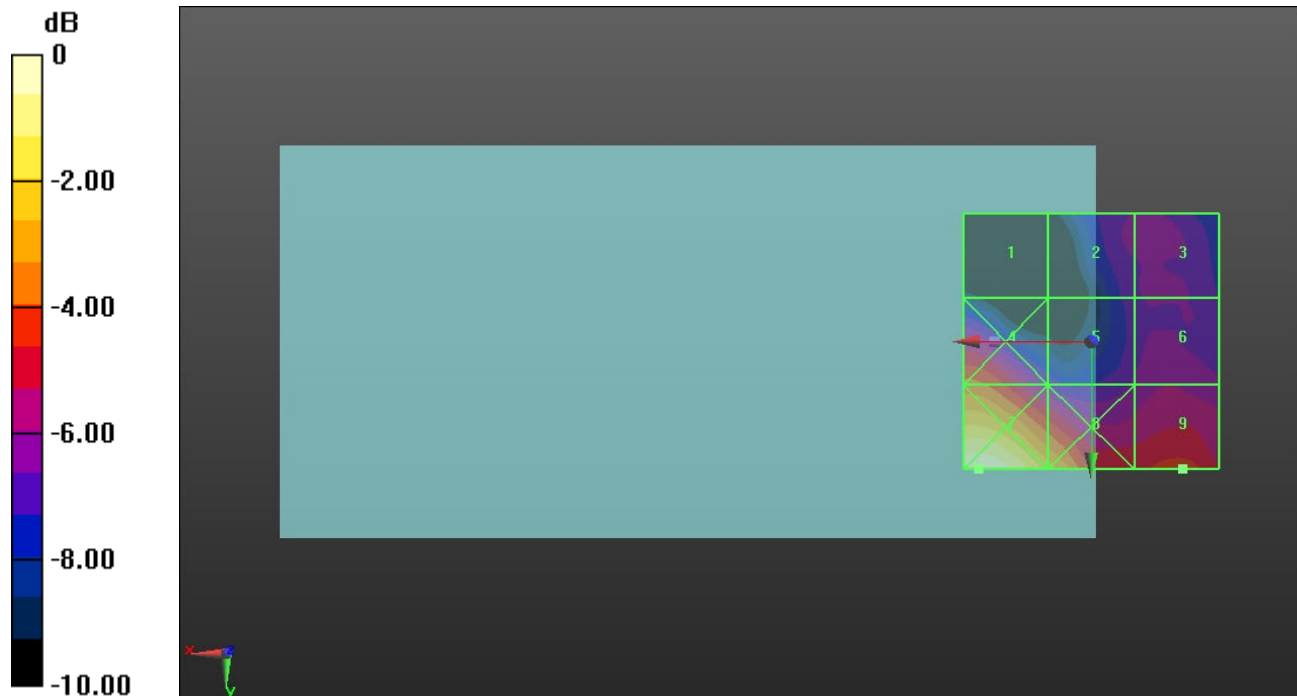
Applied MIF = -1.44 dB

RF audio interference level = 19.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.17 dBV/m	Grid 2 M4 17.46 dBV/m	Grid 3 M4 17.57 dBV/m
Grid 4 M4 20.27 dBV/m	Grid 5 M4 17.51 dBV/m	Grid 6 M4 18 dBV/m
Grid 7 M4 23.97 dBV/m	Grid 8 M4 21.74 dBV/m	Grid 9 M4 19.59 dBV/m



0 dB = 15.79 V/m = 23.97 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 = 10.72 V/m; Power Drift = 0.03 dB

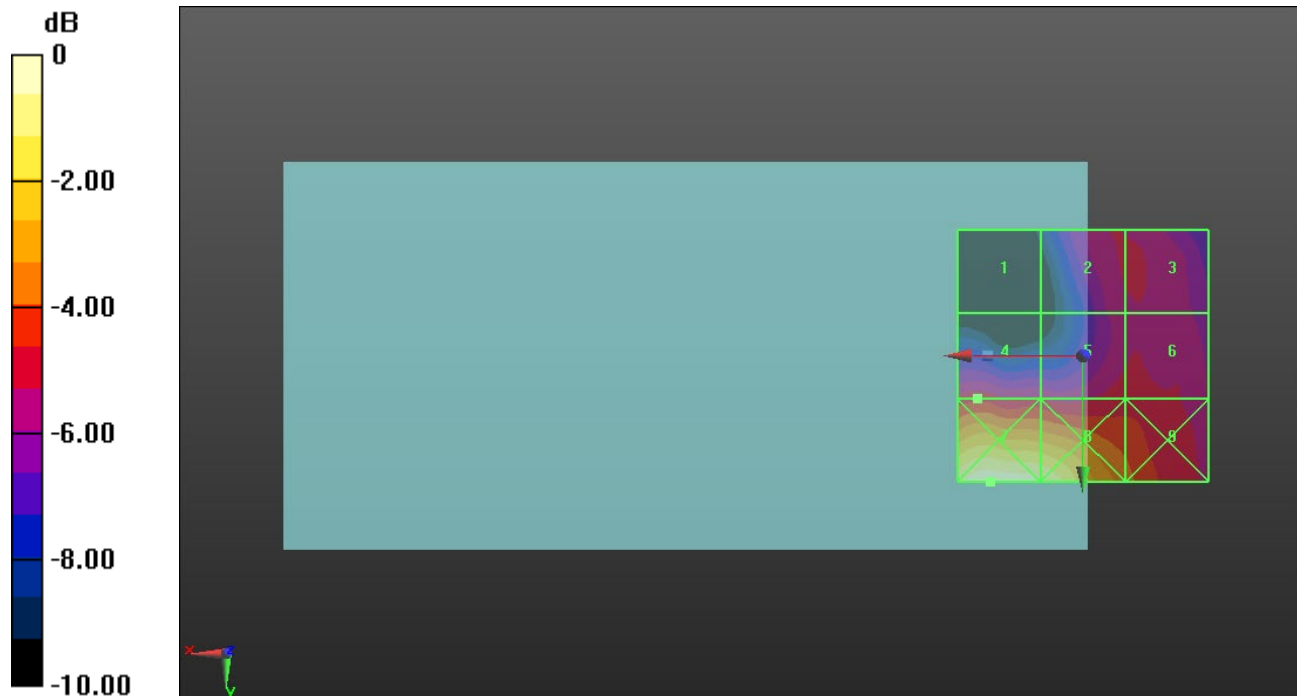
Applied MIF = -1.44 dB

RF audio interference level = 20.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.15 dBV/m	Grid 2 M4 19.71 dBV/m	Grid 3 M4 19.76 dBV/m
Grid 4 M4 20.1 dBV/m	Grid 5 M4 19.99 dBV/m	Grid 6 M4 20 dBV/m
Grid 7 M4 24.95 dBV/m	Grid 8 M4 24.43 dBV/m	Grid 9 M4 21.24 dBV/m



0 dB = 17.68 V/m = 24.95 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 = 12.70 V/m; Power Drift = -0.22 dB

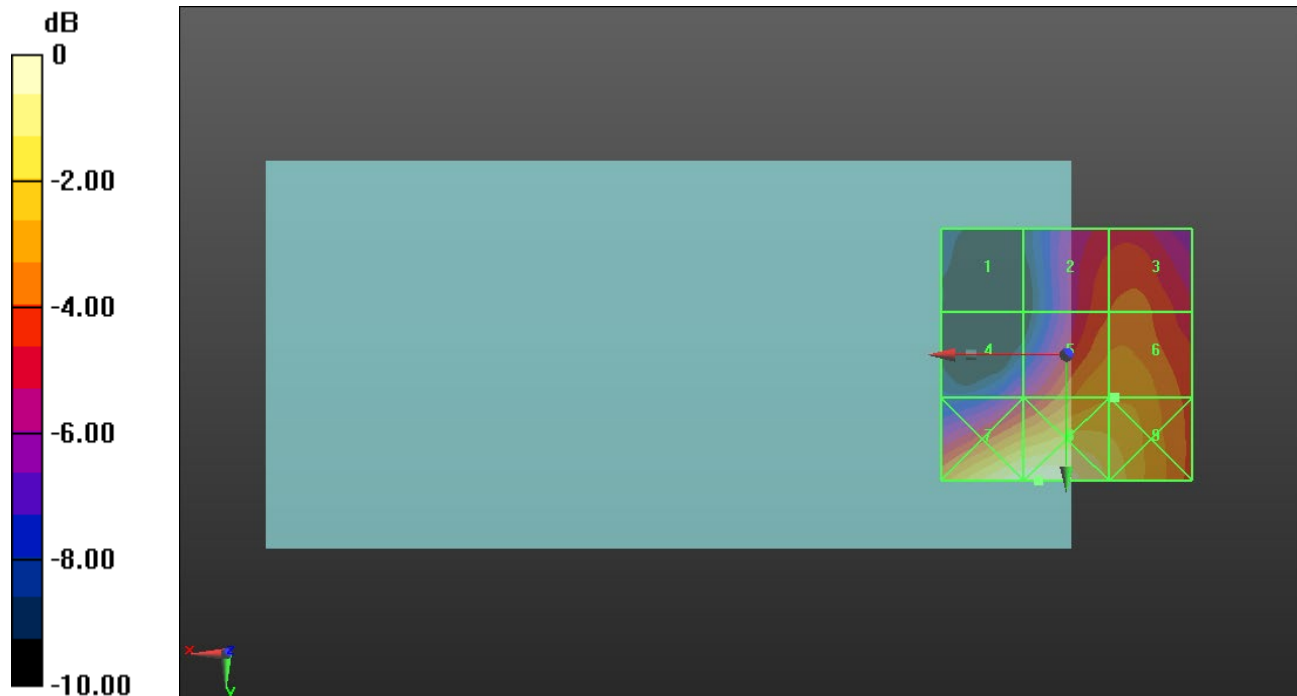
Applied MIF = -1.44 dB

RF audio interference level = 21.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15 dBV/m	Grid 2 M4 19.82 dBV/m	Grid 3 M4 20.08 dBV/m
Grid 4 M4 18.23 dBV/m	Grid 5 M4 21.08 dBV/m	Grid 6 M4 21.09 dBV/m
Grid 7 M4 23.7 dBV/m	Grid 8 M4 23.8 dBV/m	Grid 9 M4 22.39 dBV/m



0 dB = 15.49 V/m = 23.80 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.92 V/m; Power Drift = 0.12 dB

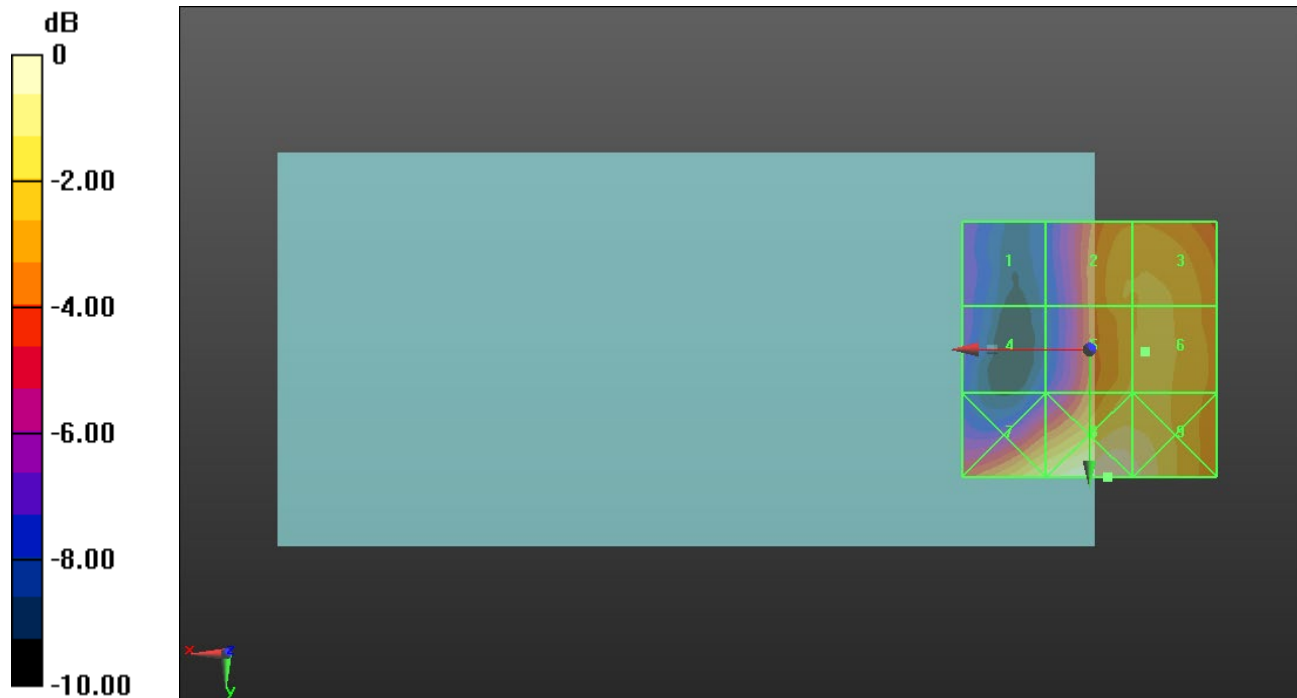
Applied MIF = -1.44 dB

RF audio interference level = 20.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.84 dBV/m	Grid 2 M4 20.39 dBV/m	Grid 3 M4 20.5 dBV/m
Grid 4 M4 15.74 dBV/m	Grid 5 M4 20.57 dBV/m	Grid 6 M4 20.79 dBV/m
Grid 7 M4 21.45 dBV/m	Grid 8 M4 22.36 dBV/m	Grid 9 M4 21.96 dBV/m



0 dB = 13.12 V/m = 22.36 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 = 8.686 V/m; Power Drift = -0.18 dB

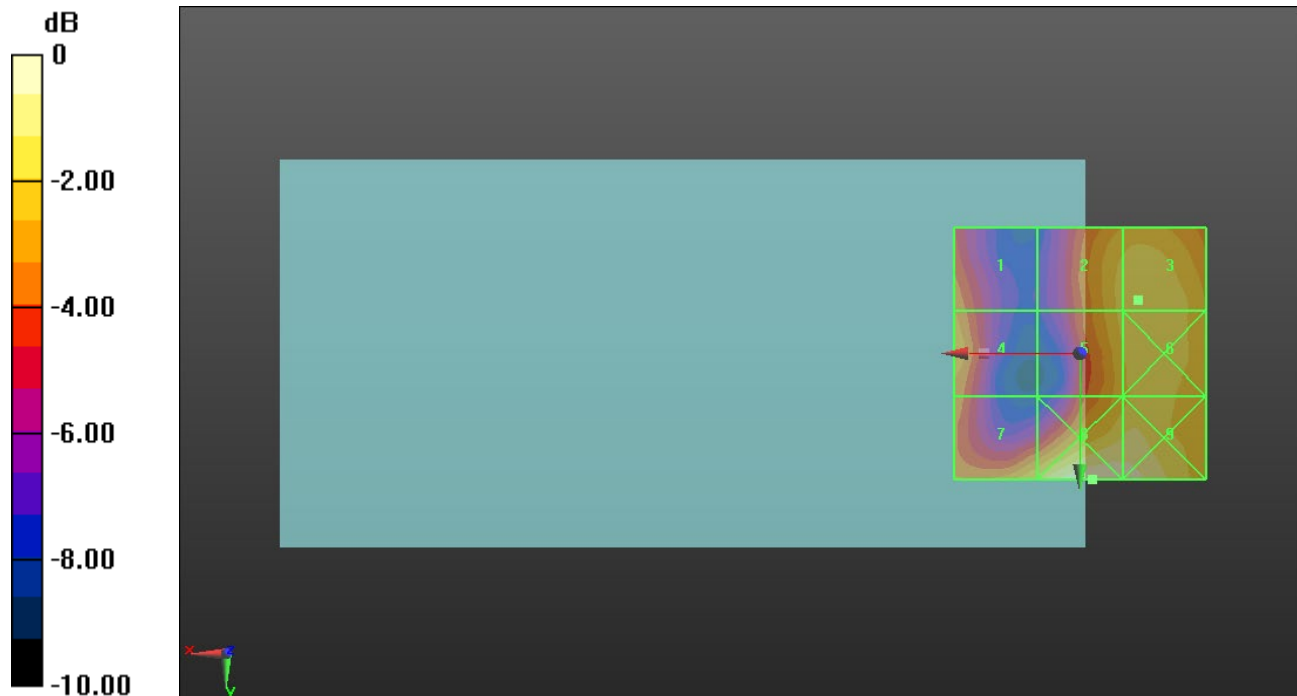
Applied MIF = -1.44 dB

RF audio interference level = 18.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.94 dBV/m	Grid 2 M4 18.53 dBV/m	Grid 3 M4 18.86 dBV/m
Grid 4 M4 17.48 dBV/m	Grid 5 M4 18.48 dBV/m	Grid 6 M4 18.8 dBV/m
Grid 7 M4 18.47 dBV/m	Grid 8 M4 20.21 dBV/m	Grid 9 M4 20.09 dBV/m



0 dB = 10.25 V/m = 20.21 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 = 10.86 V/m; Power Drift = -0.06 dB

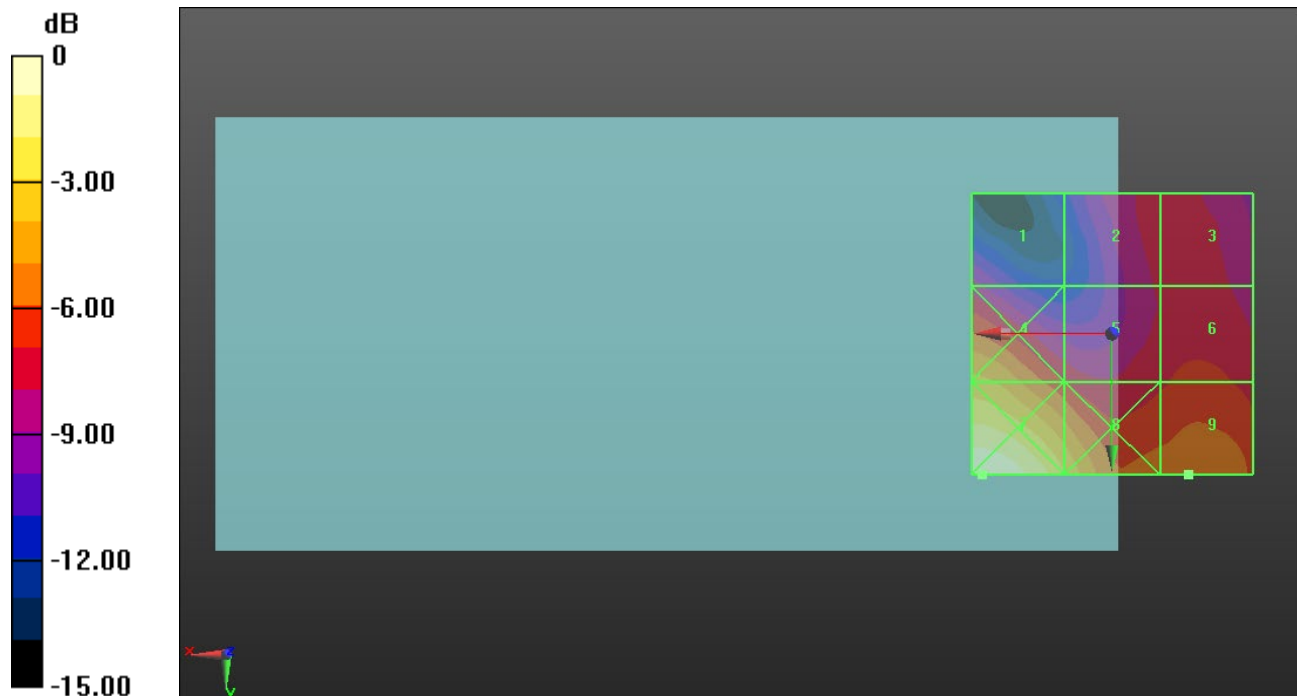
Applied MIF = -1.44 dB

RF audio interference level = 22.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.26 dBV/m	Grid 2 M4 19.95 dBV/m	Grid 3 M4 20.12 dBV/m
Grid 4 M4 23.96 dBV/m	Grid 5 M4 20.78 dBV/m	Grid 6 M4 20.96 dBV/m
Grid 7 M4 27.64 dBV/m	Grid 8 M4 24.78 dBV/m	Grid 9 M4 22.72 dBV/m



0 dB = 24.10 V/m = 27.64 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 = 14.30 V/m; Power Drift = -0.44 dB

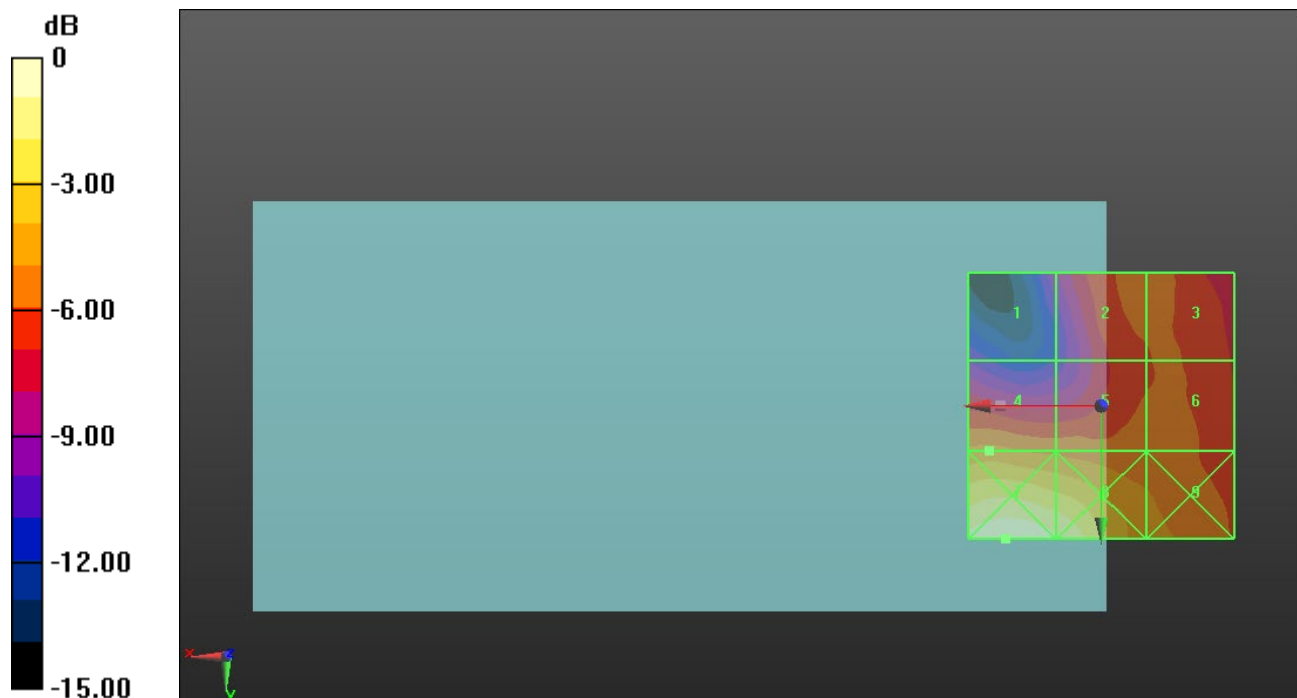
Applied MIF = -1.44 dB

RF audio interference level = 22.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.09 dBV/m	Grid 2 M4 21.46 dBV/m	Grid 3 M4 21.46 dBV/m
Grid 4 M4 22.49 dBV/m	Grid 5 M4 21.89 dBV/m	Grid 6 M4 21.63 dBV/m
Grid 7 M4 27.1 dBV/m	Grid 8 M4 26.3 dBV/m	Grid 9 M4 22.58 dBV/m



0 dB = 22.64 V/m = 27.10 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 = 12.08 V/m; Power Drift = -0.32 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.66 dBV/m	Grid 2 M4 19.41 dBV/m	Grid 3 M4 19.71 dBV/m
Grid 4 M4 17.23 dBV/m	Grid 5 M4 20.78 dBV/m	Grid 6 M4 20.93 dBV/m
Grid 7 M4 23.28 dBV/m	Grid 8 M4 23.62 dBV/m	Grid 9 M4 22.17 dBV/m



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

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.64 V/m; Power Drift = -0.07 dB

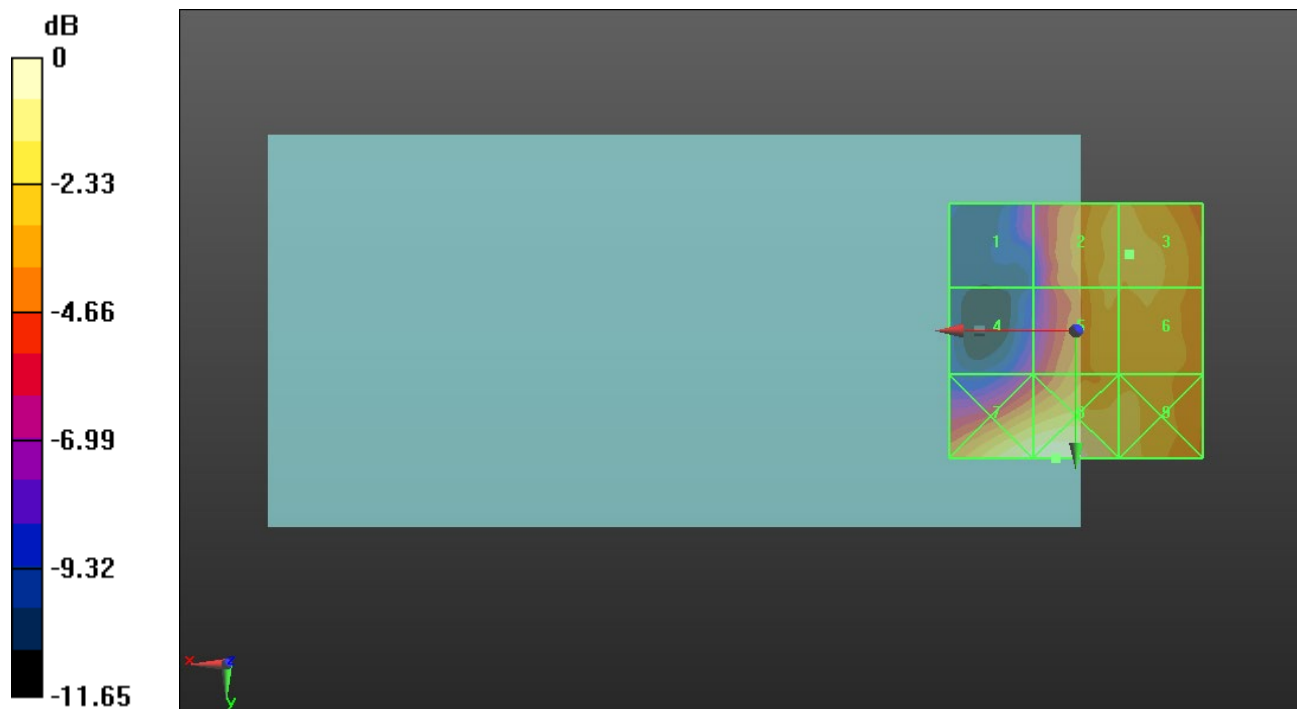
Applied MIF = -1.44 dB

RF audio interference level = 22.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.61 dBV/m	Grid 2 M4 22.37 dBV/m	Grid 3 M4 22.45 dBV/m
Grid 4 M4 18.01 dBV/m	Grid 5 M4 22.22 dBV/m	Grid 6 M4 22.22 dBV/m
Grid 7 M4 23.98 dBV/m	Grid 8 M4 24.37 dBV/m	Grid 9 M4 22.66 dBV/m



0 dB = 16.54 V/m = 24.37 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 = 11.71 V/m; Power Drift = 0.16 dB

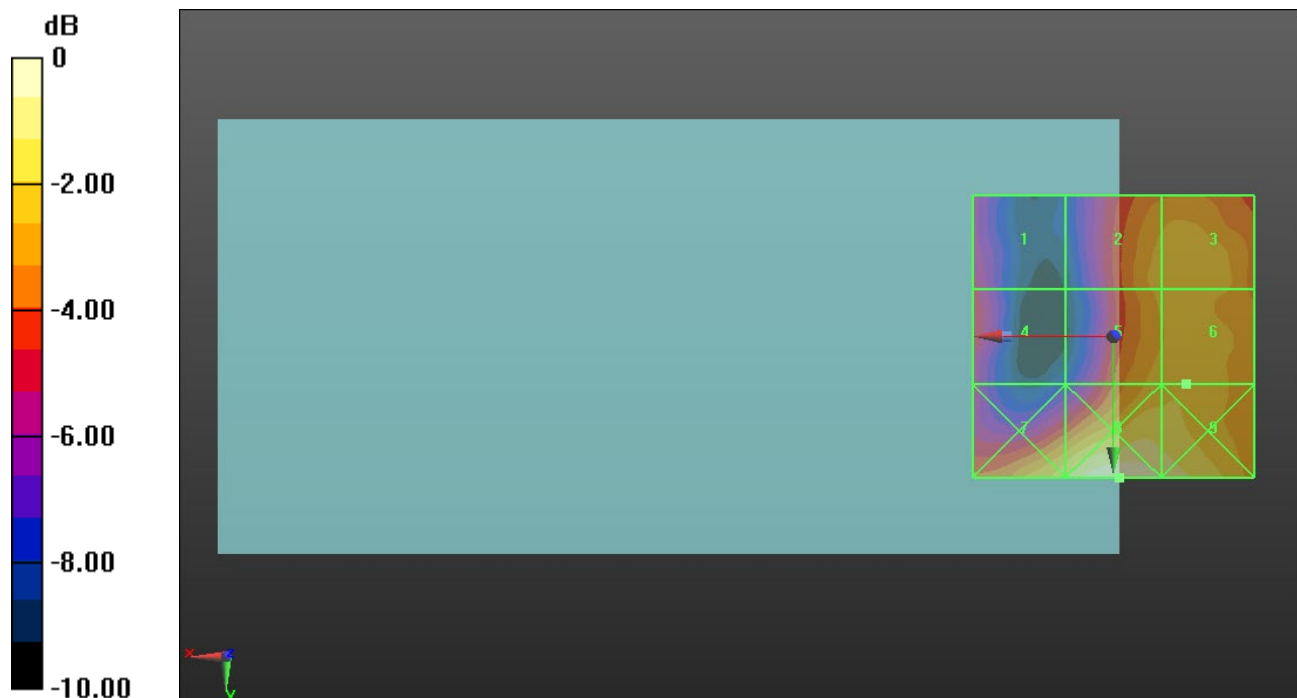
Applied MIF = -1.44 dB

RF audio interference level = 20.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.7 dBV/m	Grid 2 M4 20.3 dBV/m	Grid 3 M4 20.51 dBV/m
Grid 4 M4 17.98 dBV/m	Grid 5 M4 20.48 dBV/m	Grid 6 M4 20.71 dBV/m
Grid 7 M4 21.32 dBV/m	Grid 8 M4 22.75 dBV/m	Grid 9 M4 22.01 dBV/m



0 dB = 13.73 V/m = 22.75 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 = 40.07 V/m; Power Drift = -0.04 dB

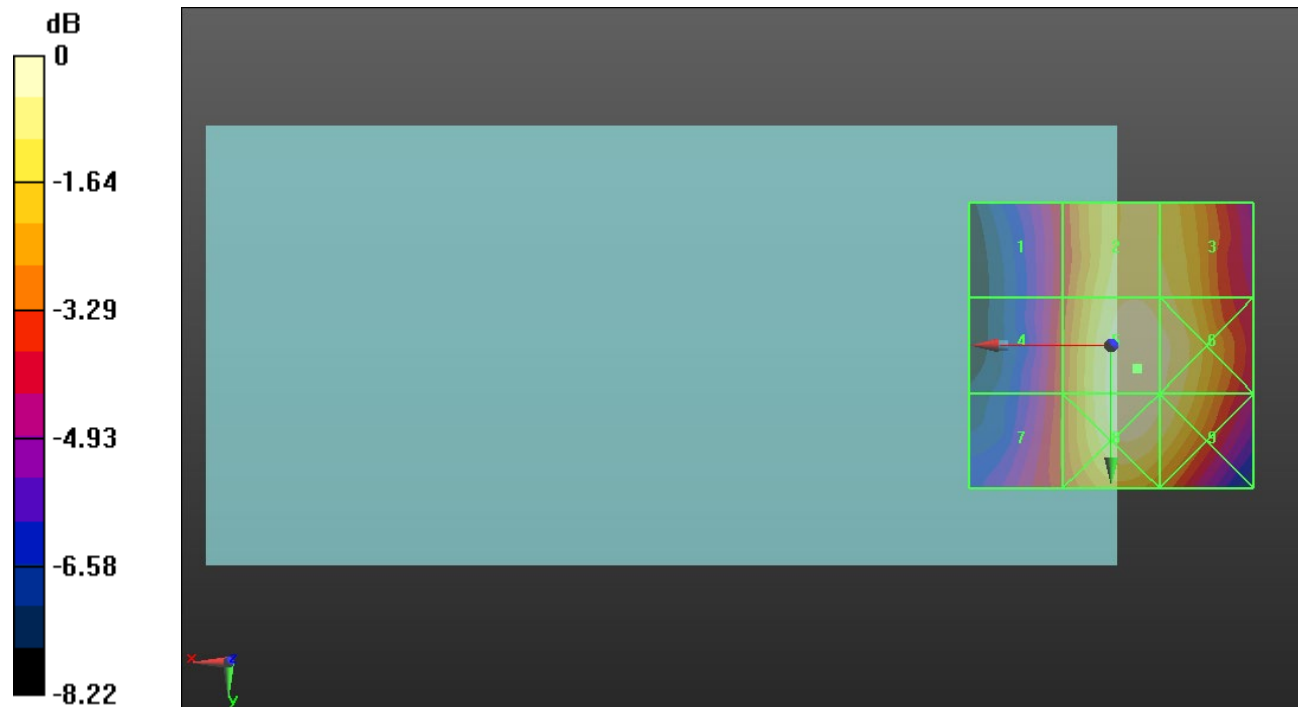
Applied MIF = 3.63 dB

RF audio interference level = 31.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.65 dBV/m	Grid 2 M4 30.72 dBV/m	Grid 3 M4 30.49 dBV/m
Grid 4 M4 28.09 dBV/m	Grid 5 M4 31.29 dBV/m	Grid 6 M4 31 dBV/m
Grid 7 M4 28.2 dBV/m	Grid 8 M4 31.25 dBV/m	Grid 9 M4 30.88 dBV/m



0 dB = 36.69 V/m = 31.29 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 = 37.14 V/m; Power Drift = 0.11 dB

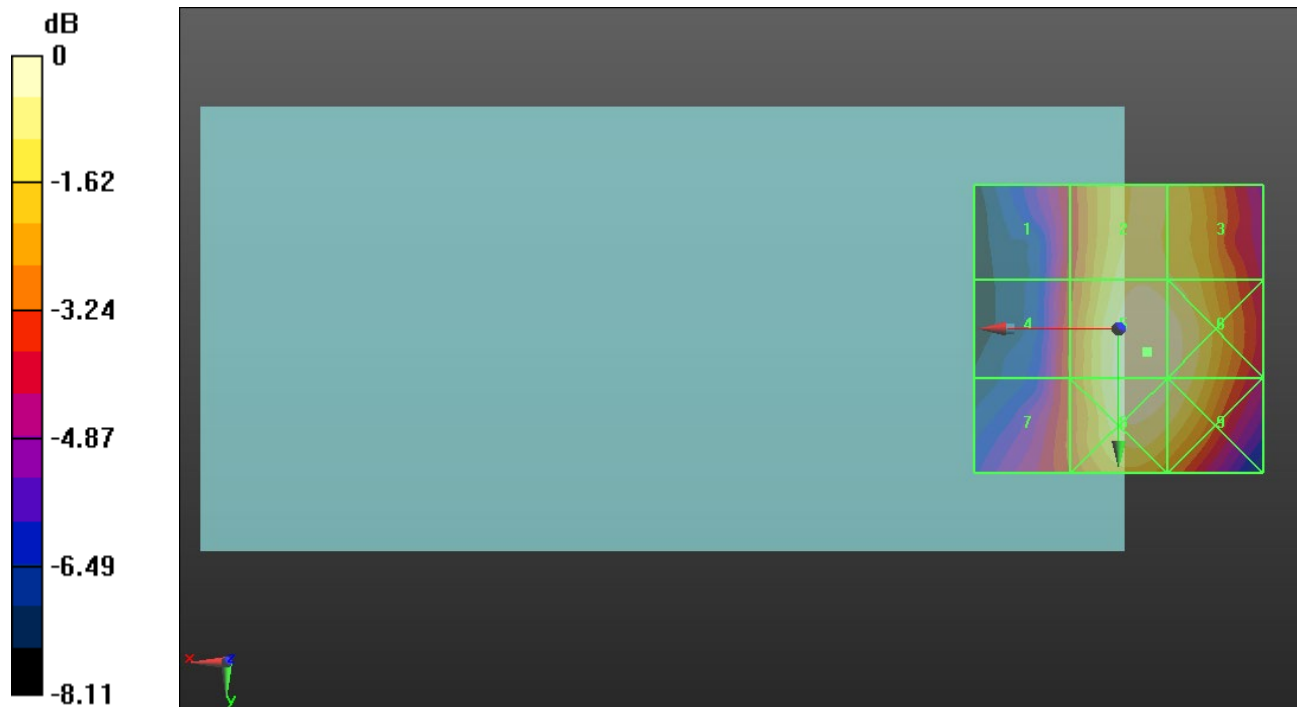
Applied MIF = 3.63 dB

RF audio interference level = 30.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.23 dBV/m	Grid 2 M4 30.2 dBV/m	Grid 3 M4 29.86 dBV/m
Grid 4 M4 27.68 dBV/m	Grid 5 M4 30.79 dBV/m	Grid 6 M4 30.59 dBV/m
Grid 7 M4 27.74 dBV/m	Grid 8 M4 30.67 dBV/m	Grid 9 M4 30.44 dBV/m



0 dB = 34.63 V/m = 30.79 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 = 41.48 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.73 dBV/m	Grid 2 M4 31.2 dBV/m	Grid 3 M4 30.85 dBV/m
Grid 4 M4 28.83 dBV/m	Grid 5 M4 31.63 dBV/m	Grid 6 M4 31.32 dBV/m
Grid 7 M4 28.87 dBV/m	Grid 8 M4 31.54 dBV/m	Grid 9 M4 31.14 dBV/m



0 dB = 38.14 V/m = 31.63 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 = 21.57 V/m; Power Drift = -0.02 dB

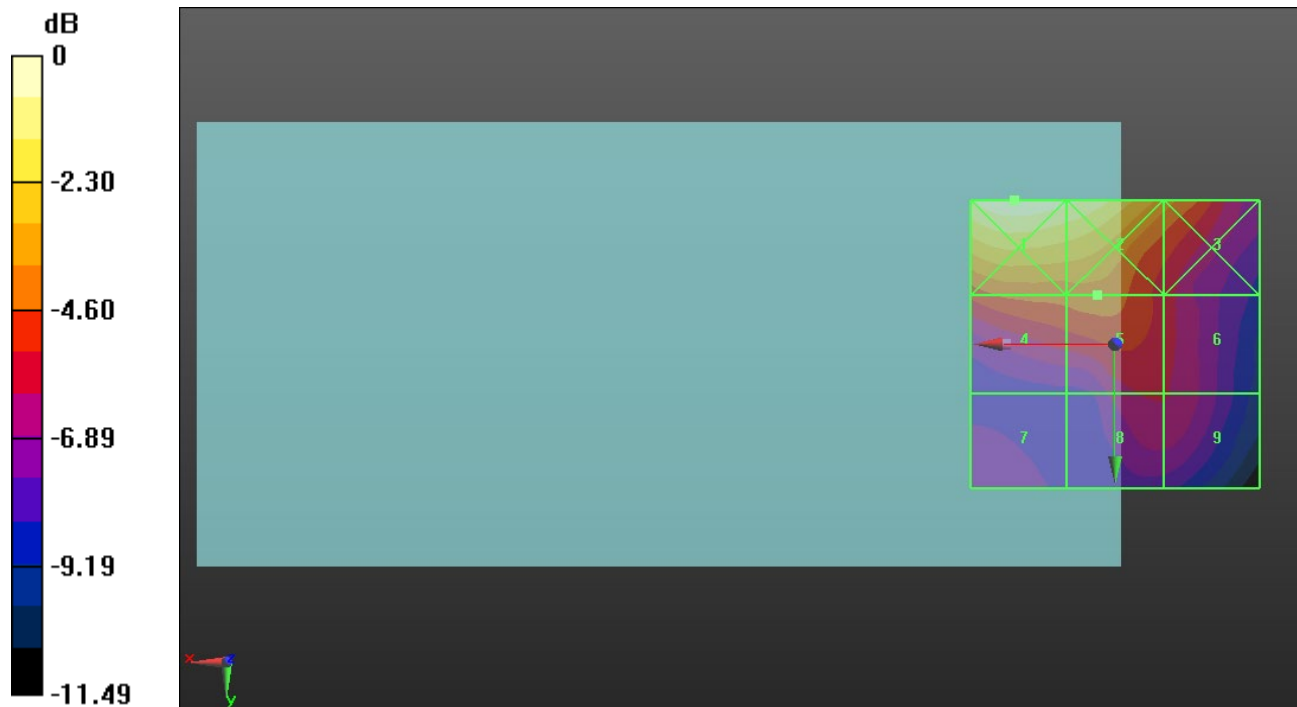
Applied MIF = 3.63 dB

RF audio interference level = 28.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.62 dBV/m	Grid 2 M3 32.18 dBV/m	Grid 3 M4 29.29 dBV/m
Grid 4 M4 28.37 dBV/m	Grid 5 M4 28.48 dBV/m	Grid 6 M4 26.91 dBV/m
Grid 7 M4 25.46 dBV/m	Grid 8 M4 26.6 dBV/m	Grid 9 M4 26.57 dBV/m



0 dB = 42.76 V/m = 32.62 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 = 19.85 V/m; Power Drift = -0.09 dB

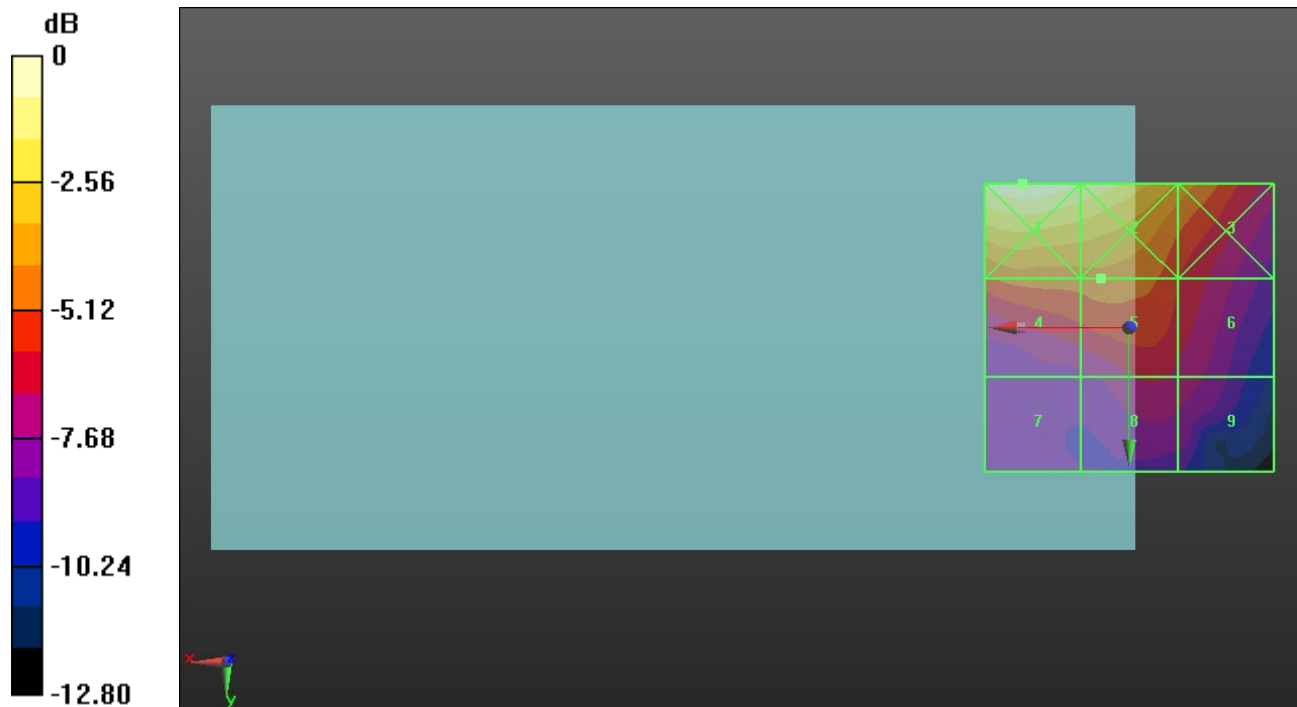
Applied MIF = 3.63 dB

RF audio interference level = 27.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.33 dBV/m	Grid 2 M3 31.63 dBV/m	Grid 3 M4 28.77 dBV/m
Grid 4 M4 27.7 dBV/m	Grid 5 M4 27.8 dBV/m	Grid 6 M4 26.45 dBV/m
Grid 7 M4 24.5 dBV/m	Grid 8 M4 25.67 dBV/m	Grid 9 M4 25.29 dBV/m



0 dB = 41.36 V/m = 32.33 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 = 19.49 V/m; Power Drift = -0.06 dB

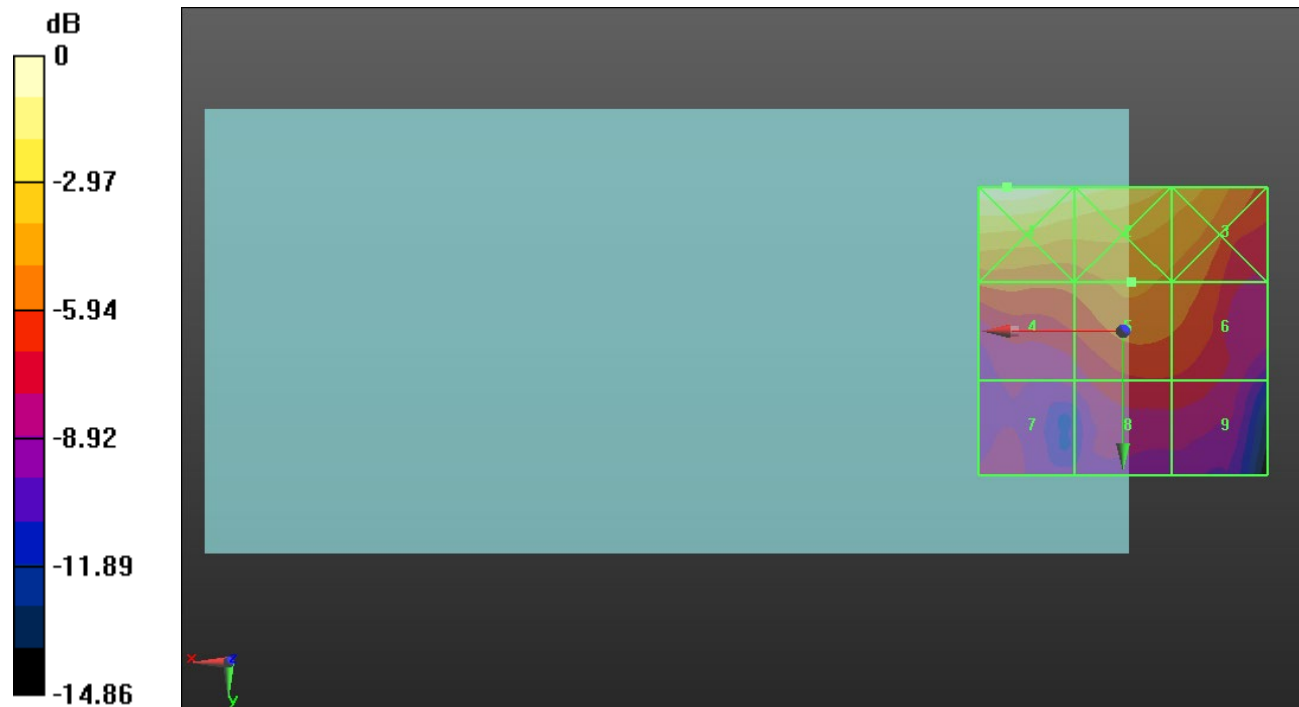
Applied MIF = 3.63 dB

RF audio interference level = 27.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.15 dBV/m	Grid 2 M3 31 dBV/m	Grid 3 M4 29.08 dBV/m
Grid 4 M4 26.63 dBV/m	Grid 5 M4 27.42 dBV/m	Grid 6 M4 26.98 dBV/m
Grid 7 M4 23.7 dBV/m	Grid 8 M4 25.16 dBV/m	Grid 9 M4 25.12 dBV/m



0 dB = 40.51 V/m = 32.15 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 = 26.04 V/m; Power Drift = 0.11 dB

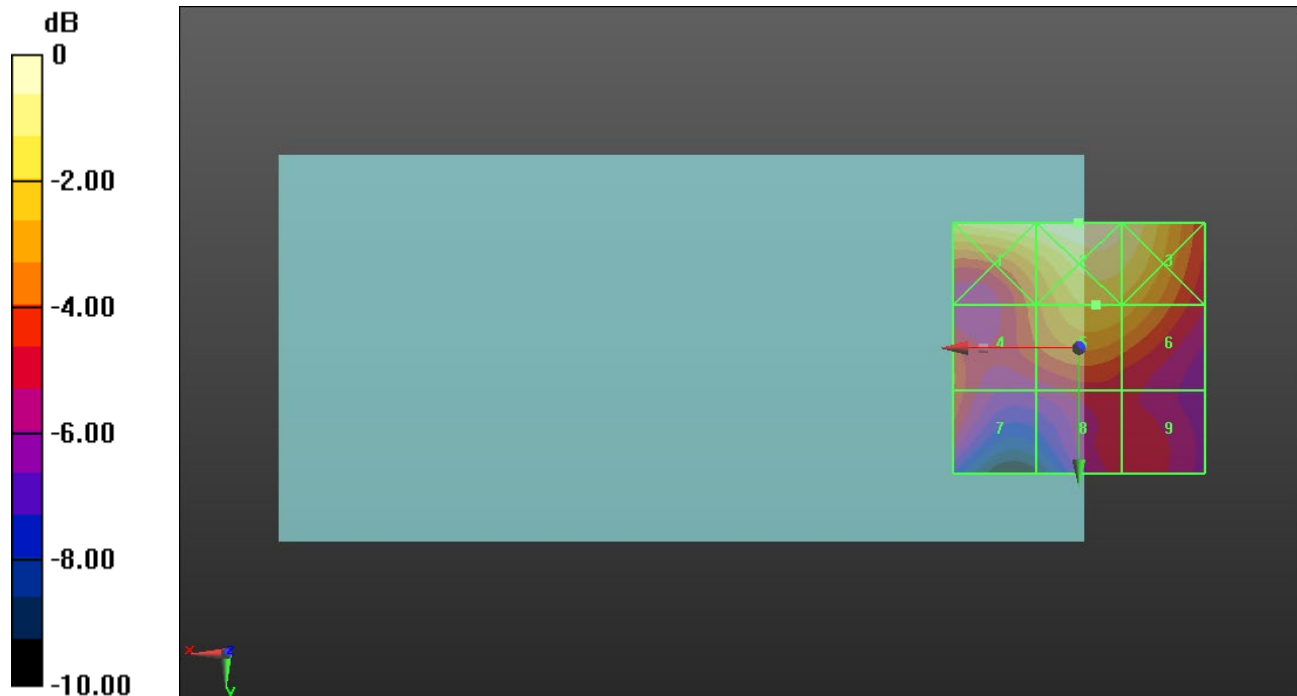
Applied MIF = -1.44 dB

RF audio interference level = 24.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.29 dBV/m	Grid 2 M4 26.65 dBV/m	Grid 3 M4 26.14 dBV/m
Grid 4 M4 23.11 dBV/m	Grid 5 M4 24.74 dBV/m	Grid 6 M4 24.43 dBV/m
Grid 7 M4 22.73 dBV/m	Grid 8 M4 21.78 dBV/m	Grid 9 M4 21.83 dBV/m



0 dB = 21.51 V/m = 26.65 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 = 35.41 V/m; Power Drift = 0.09 dB

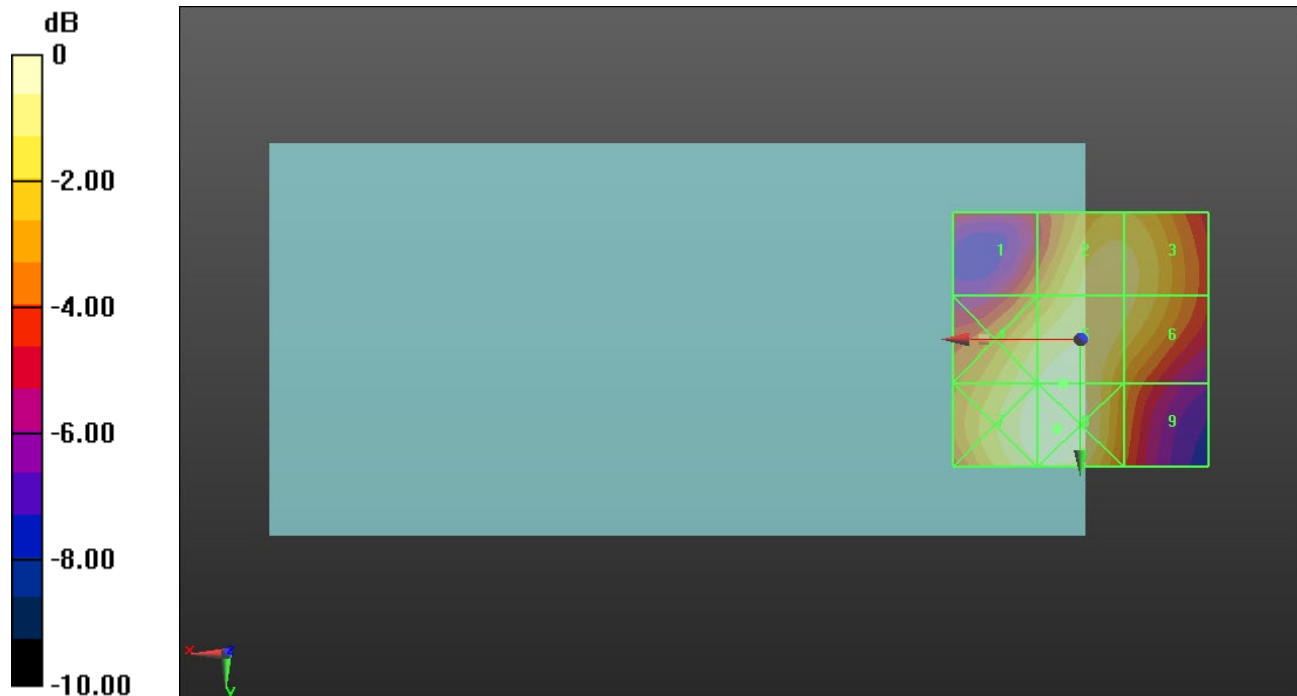
Applied MIF = -1.44 dB

RF audio interference level = 26.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.01 dBV/m	Grid 2 M4 26.15 dBV/m	Grid 3 M4 25.98 dBV/m
Grid 4 M4 26.35 dBV/m	Grid 5 M4 26.64 dBV/m	Grid 6 M4 25.94 dBV/m
Grid 7 M4 26.75 dBV/m	Grid 8 M4 26.99 dBV/m	Grid 9 M4 24.17 dBV/m



0 dB = 22.35 V/m = 26.99 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 = 38.21 V/m; Power Drift = -0.00 dB

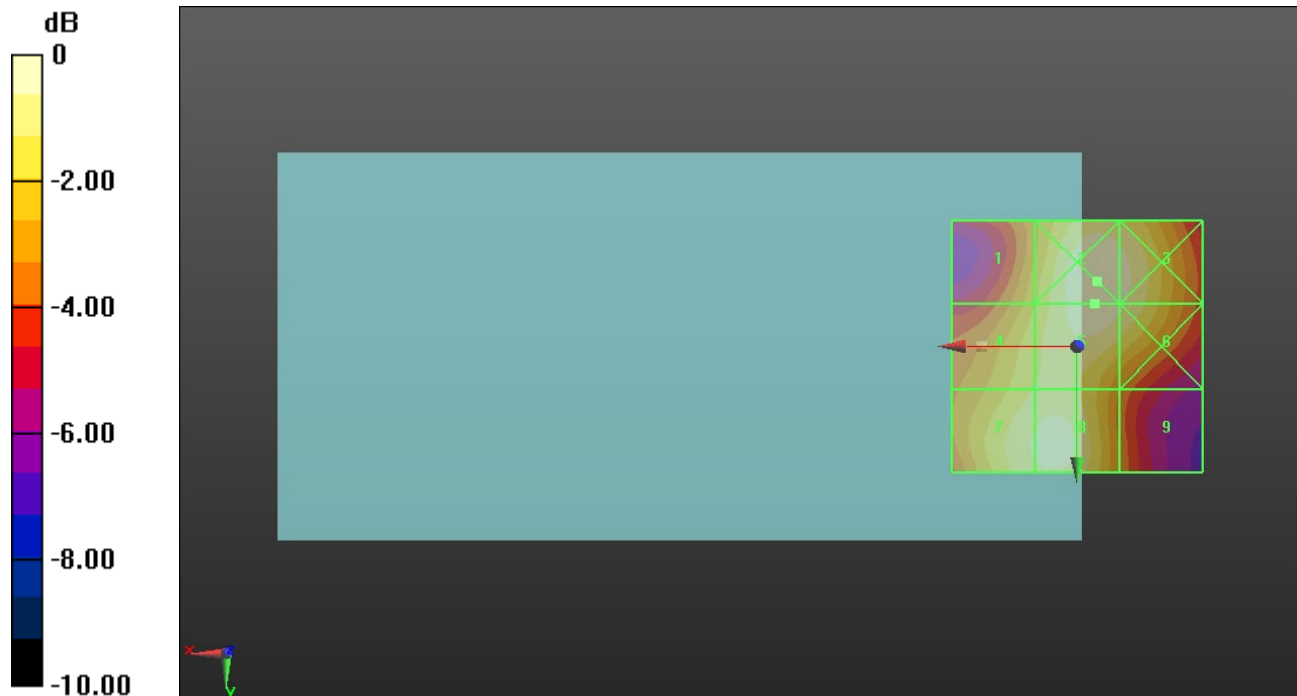
Applied MIF = -1.44 dB

RF audio interference level = 27.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.61 dBV/m	Grid 2 M4 27.64 dBV/m	Grid 3 M4 27.32 dBV/m
Grid 4 M4 26.36 dBV/m	Grid 5 M4 27.51 dBV/m	Grid 6 M4 27.14 dBV/m
Grid 7 M4 27.06 dBV/m	Grid 8 M4 27.25 dBV/m	Grid 9 M4 24.34 dBV/m



0 dB = 24.11 V/m = 27.64 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 = 39.88 V/m; Power Drift = -0.02 dB

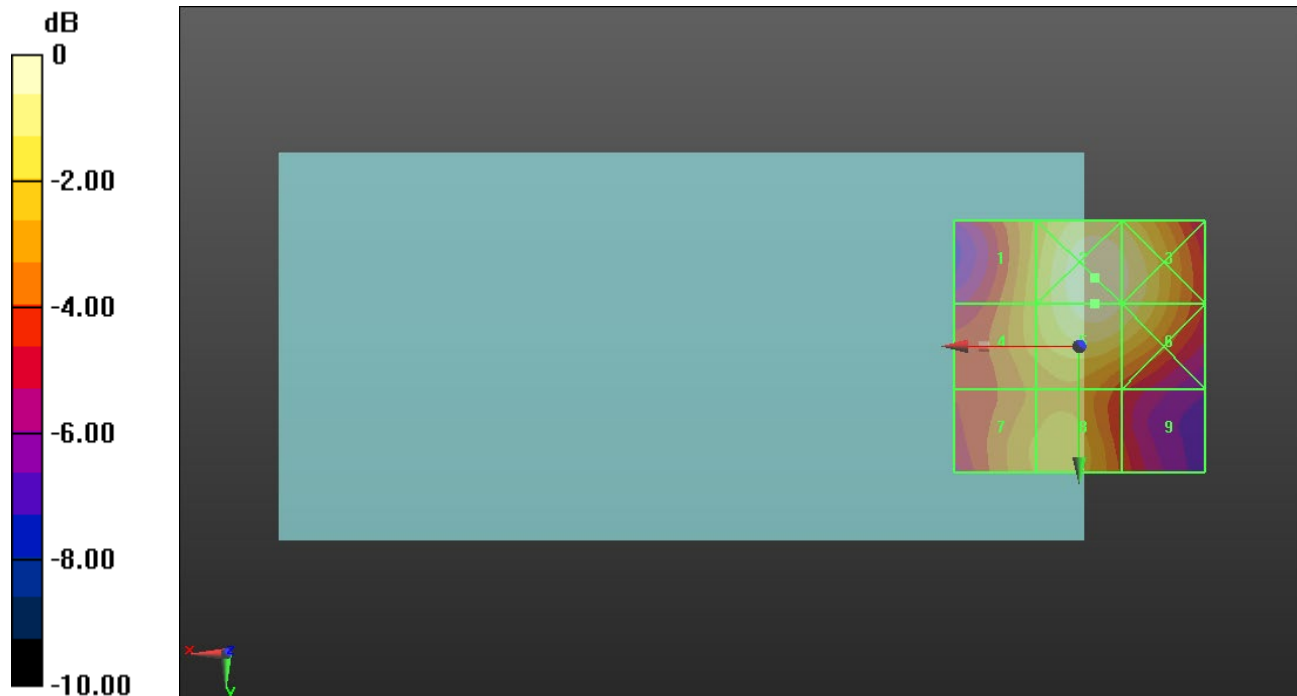
Applied MIF = -1.44 dB

RF audio interference level = 28.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.49 dBV/m	Grid 2 M4 28.51 dBV/m	Grid 3 M4 28.08 dBV/m
Grid 4 M4 26.49 dBV/m	Grid 5 M4 28.29 dBV/m	Grid 6 M4 27.84 dBV/m
Grid 7 M4 26.03 dBV/m	Grid 8 M4 26.36 dBV/m	Grid 9 M4 24.37 dBV/m



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

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.74 V/m; Power Drift = -0.03 dB

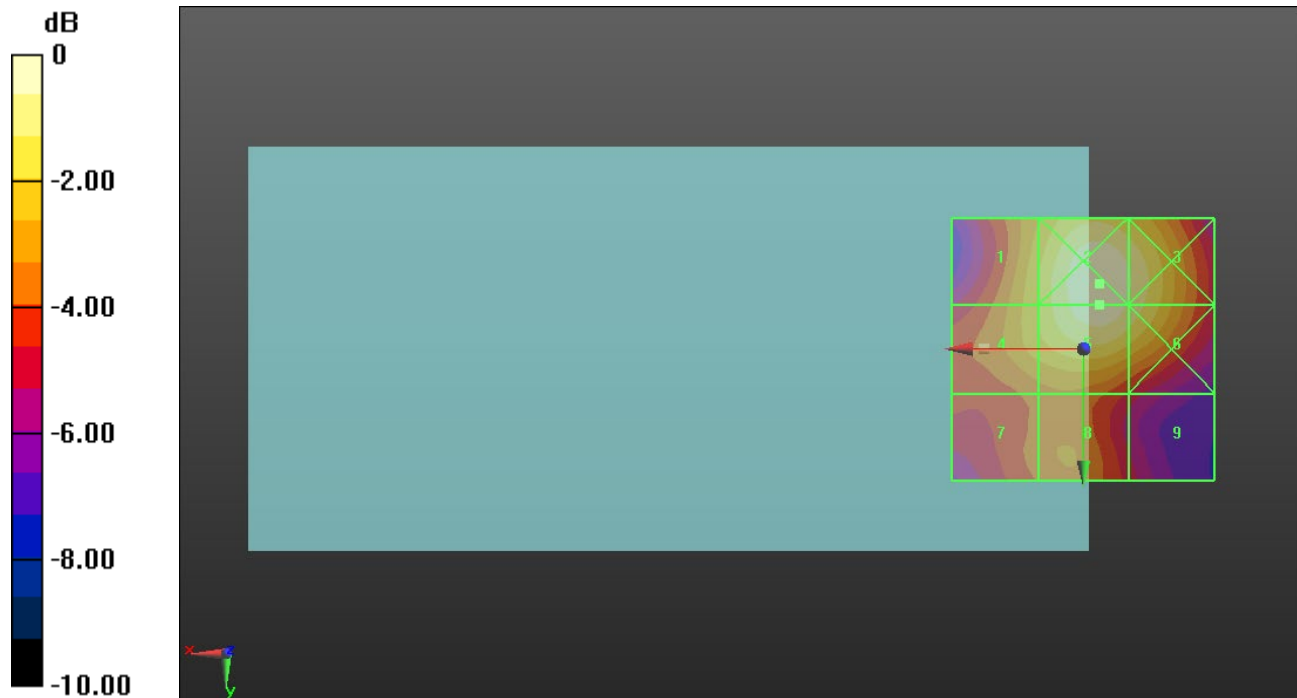
Applied MIF = -1.44 dB

RF audio interference level = 28.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.32 dBV/m	Grid 2 M4 28.22 dBV/m	Grid 3 M4 27.66 dBV/m
Grid 4 M4 26.32 dBV/m	Grid 5 M4 28.05 dBV/m	Grid 6 M4 27.48 dBV/m
Grid 7 M4 24.57 dBV/m	Grid 8 M4 24.94 dBV/m	Grid 9 M4 23.42 dBV/m



0 dB = 25.76 V/m = 28.22 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 = 26.54 V/m; Power Drift = 0.06 dB

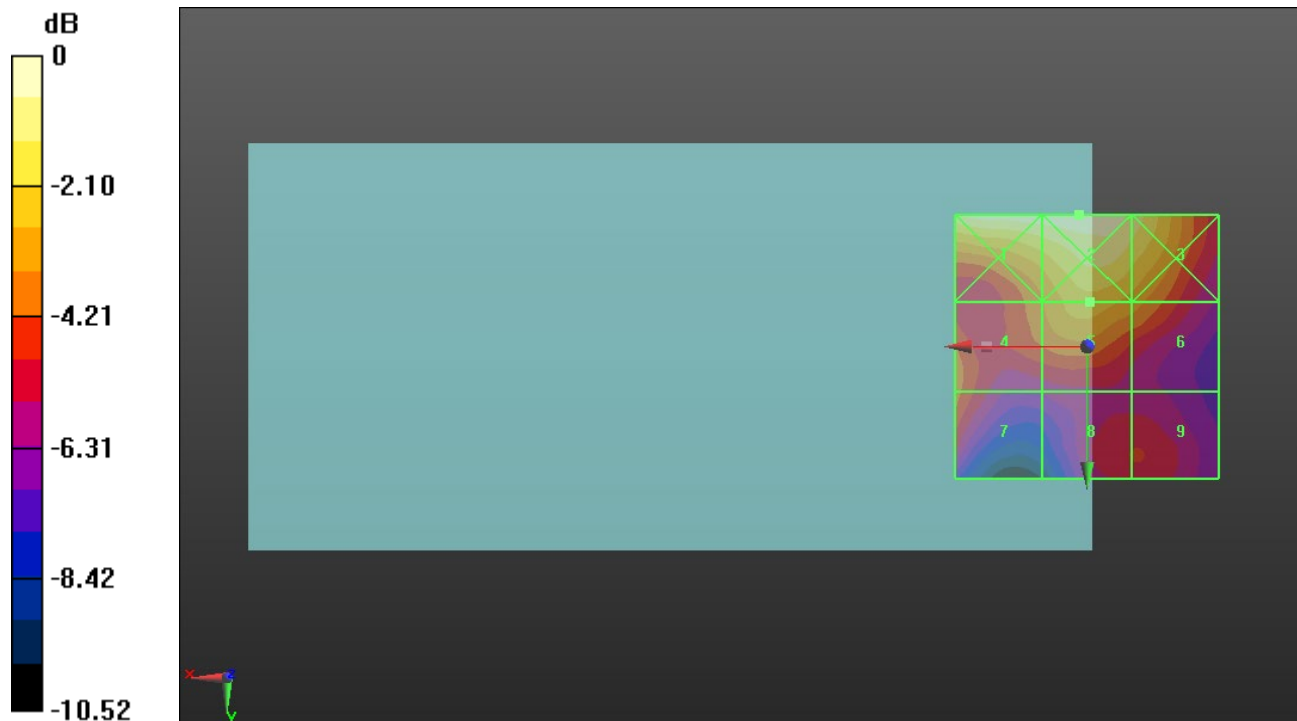
Applied MIF = -1.44 dB

RF audio interference level = 24.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.01 dBV/m	Grid 2 M4 27.05 dBV/m	Grid 3 M4 26.17 dBV/m
Grid 4 M4 23.5 dBV/m	Grid 5 M4 24.68 dBV/m	Grid 6 M4 23.93 dBV/m
Grid 7 M4 23.22 dBV/m	Grid 8 M4 22.17 dBV/m	Grid 9 M4 22.18 dBV/m



0 dB = 22.51 V/m = 27.05 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.30 V/m; Power Drift = 0.06 dB

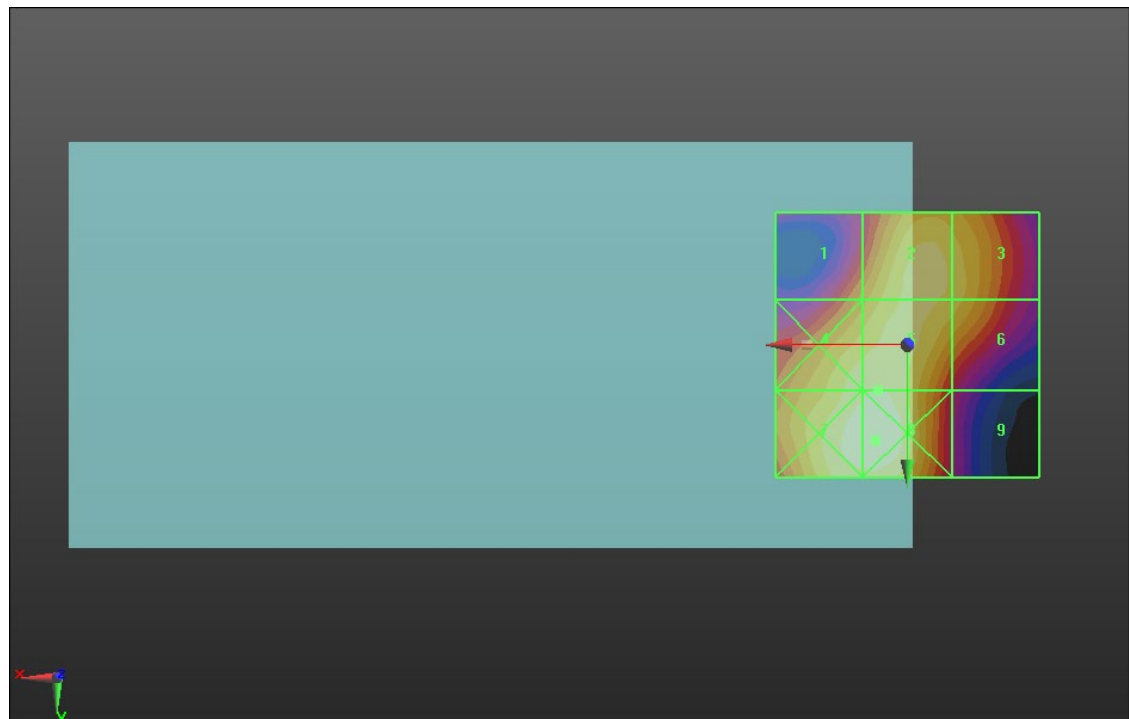
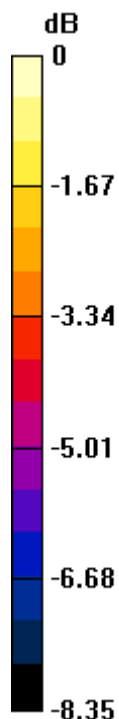
Applied MIF = -1.44 dB

RF audio interference level = 27.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.47 dBV/m	Grid 2 M4 27.09 dBV/m	Grid 3 M4 26.72 dBV/m
Grid 4 M4 27.24 dBV/m	Grid 5 M4 27.4 dBV/m	Grid 6 M4 26.58 dBV/m
Grid 7 M4 27.77 dBV/m	Grid 8 M4 27.92 dBV/m	Grid 9 M4 23.72 dBV/m



0 dB = 24.88 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 = 42.18 V/m; Power Drift = -0.02 dB

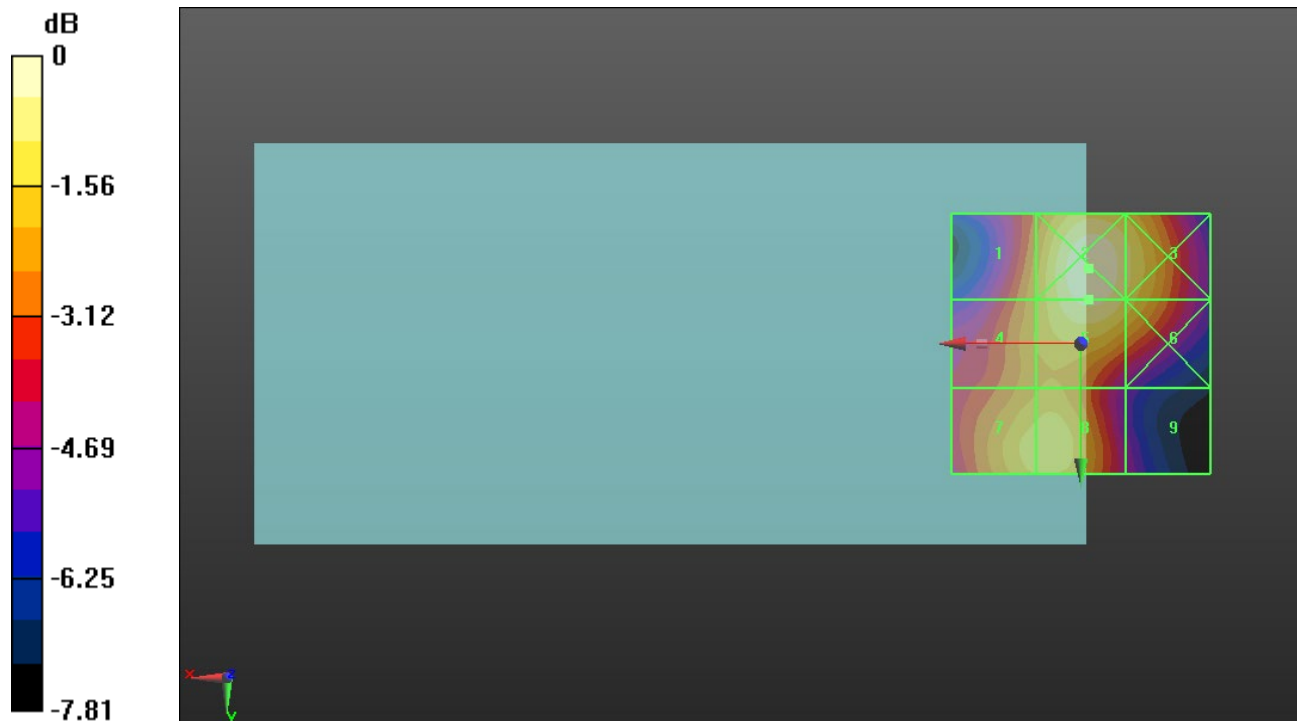
Applied MIF = -1.44 dB

RF audio interference level = 28.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.89 dBV/m	Grid 2 M4 28.9 dBV/m	Grid 3 M4 28.09 dBV/m
Grid 4 M4 26.9 dBV/m	Grid 5 M4 28.56 dBV/m	Grid 6 M4 27.78 dBV/m
Grid 7 M4 27.67 dBV/m	Grid 8 M4 27.74 dBV/m	Grid 9 M4 24.3 dBV/m



0 dB = 27.86 V/m = 28.90 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 = 45.53 V/m; Power Drift = 0.04 dB

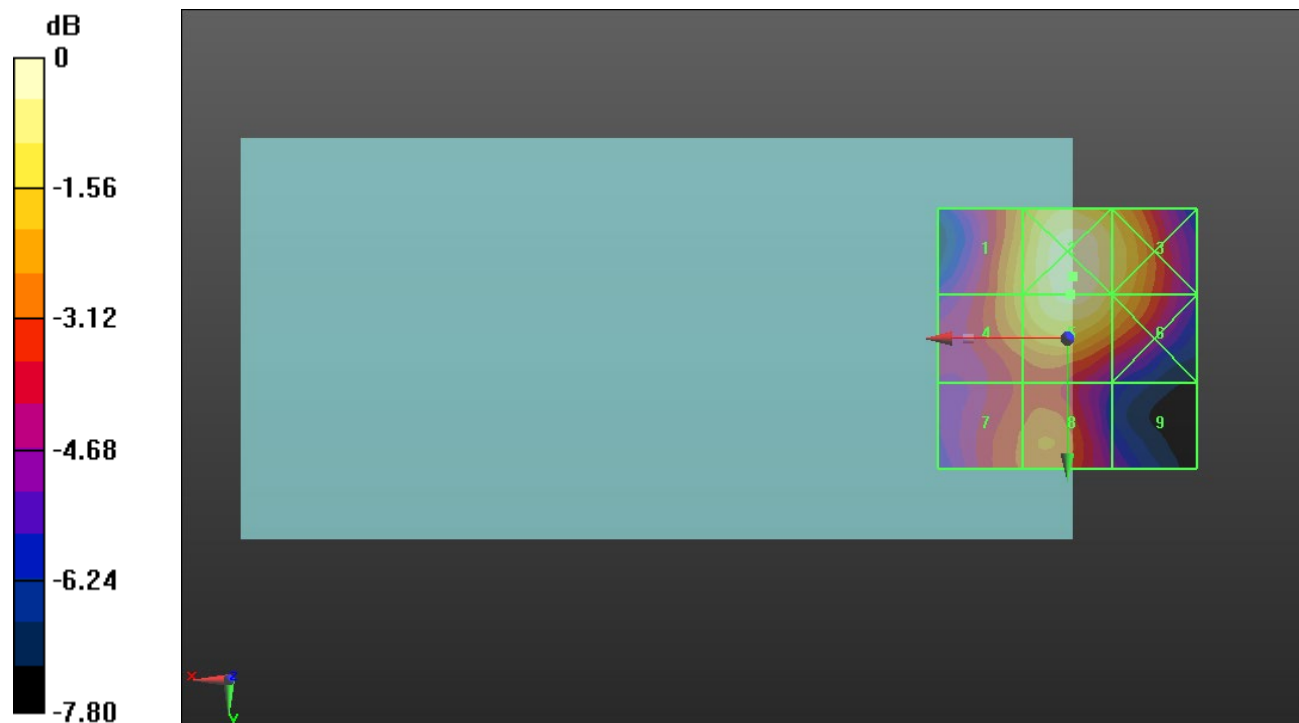
Applied MIF = -1.44 dB

RF audio interference level = 29.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.06 dBV/m	Grid 2 M4 29.64 dBV/m	Grid 3 M4 28.73 dBV/m
Grid 4 M4 28.03 dBV/m	Grid 5 M4 29.41 dBV/m	Grid 6 M4 28.4 dBV/m
Grid 7 M4 26.7 dBV/m	Grid 8 M4 27.07 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 30.32 V/m = 29.63 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 = 42.86 V/m; Power Drift = -0.06 dB

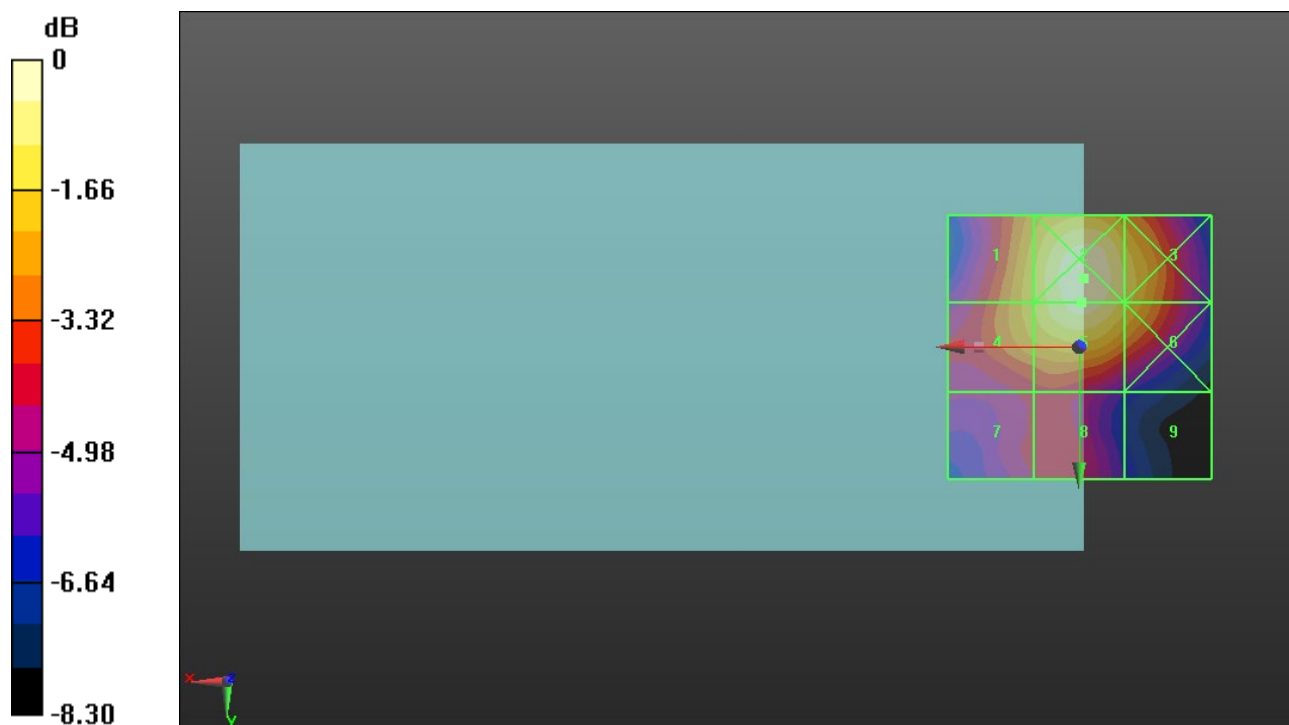
Applied MIF = -1.44 dB

RF audio interference level = 28.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.57 dBV/m	Grid 2 M4 29.17 dBV/m	Grid 3 M4 28.09 dBV/m
Grid 4 M4 27.54 dBV/m	Grid 5 M4 28.93 dBV/m	Grid 6 M4 27.86 dBV/m
Grid 7 M4 25.05 dBV/m	Grid 8 M4 25.24 dBV/m	Grid 9 M4 23.2 dBV/m



0 dB = 28.73 V/m = 29.17 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 = 19.14 V/m; Power Drift = -0.06 dB

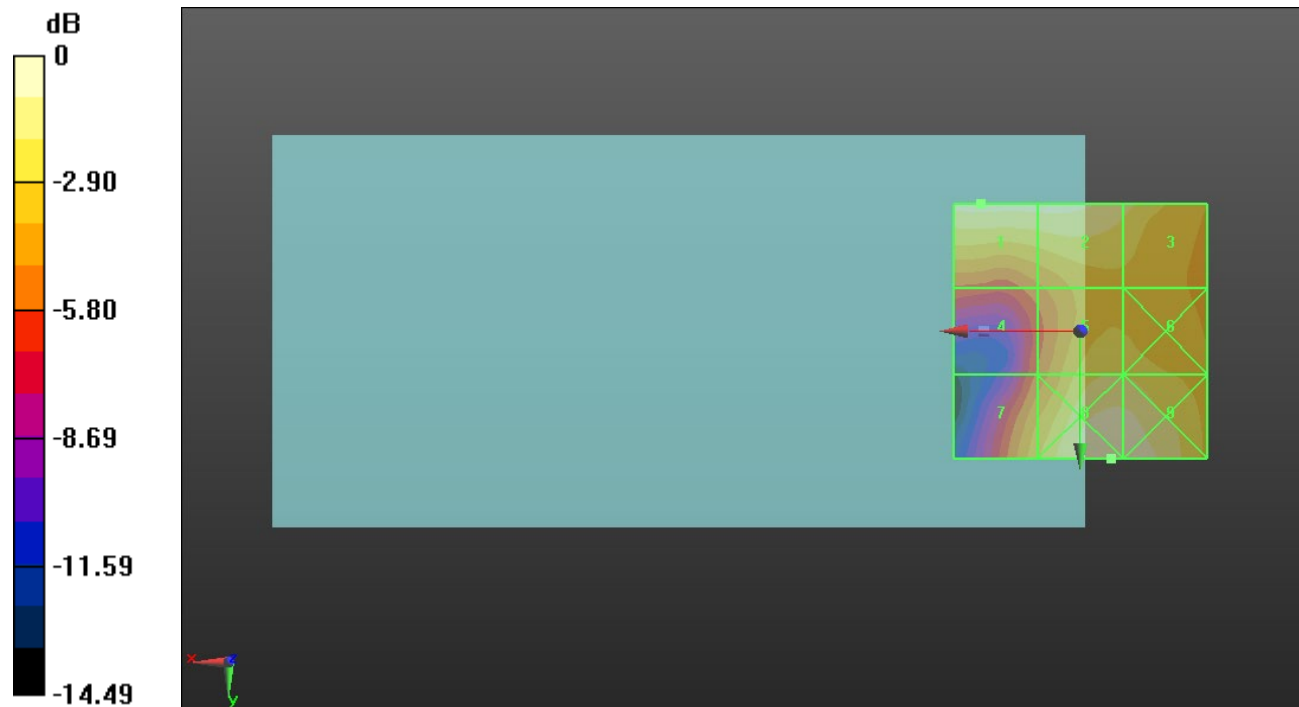
Applied MIF = 3.63 dB

RF audio interference level = 29.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.7 dBV/m	Grid 2 M4 29.65 dBV/m	Grid 3 M4 28.58 dBV/m
Grid 4 M4 25.12 dBV/m	Grid 5 M4 28.32 dBV/m	Grid 6 M4 28.21 dBV/m
Grid 7 M4 27.15 dBV/m	Grid 8 M3 30.2 dBV/m	Grid 9 M3 30.07 dBV/m



0 dB = 32.36 V/m = 30.20 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 = 20.55 V/m; Power Drift = -0.00 dB

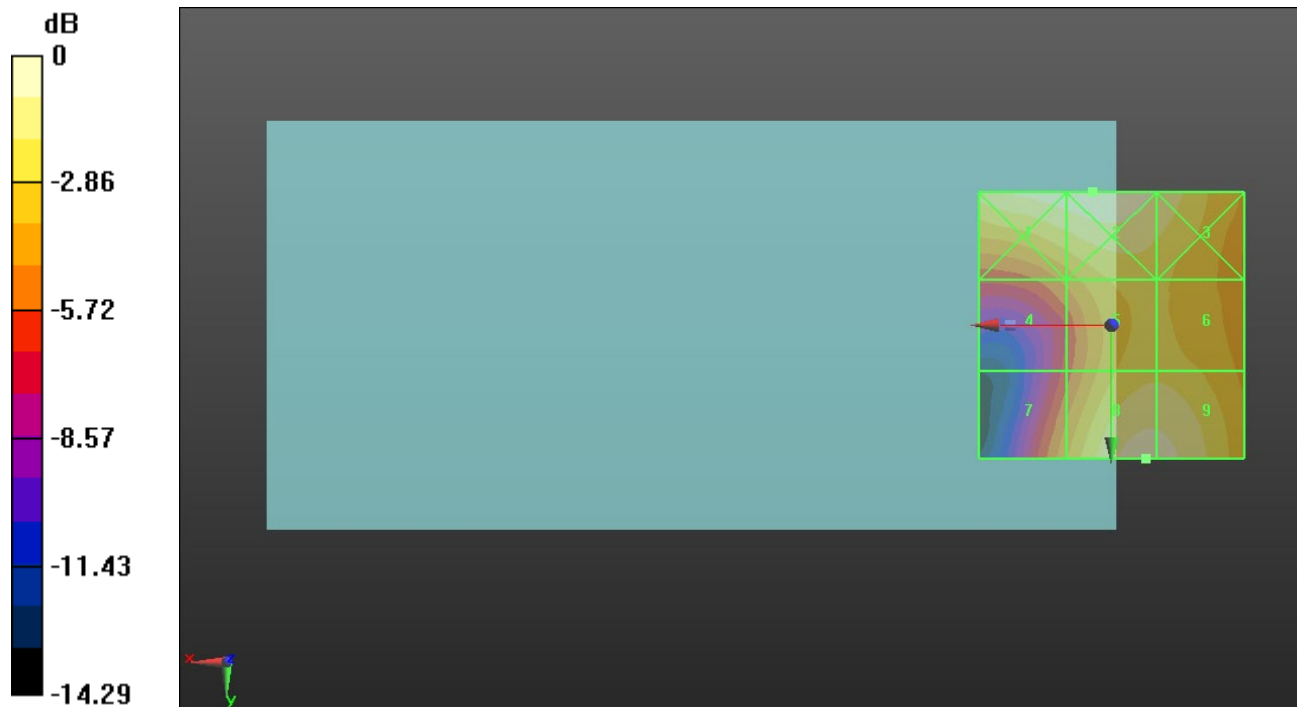
Applied MIF = 3.63 dB

RF audio interference level = 30.28 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.59 dBV/m	Grid 2 M3 30.81 dBV/m	Grid 3 M4 29.78 dBV/m
Grid 4 M4 26.39 dBV/m	Grid 5 M4 28.68 dBV/m	Grid 6 M4 28.68 dBV/m
Grid 7 M4 26.93 dBV/m	Grid 8 M3 30.28 dBV/m	Grid 9 M3 30.2 dBV/m



0 dB = 34.70 V/m = 30.81 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 = 23.29 V/m; Power Drift = 0.08 dB

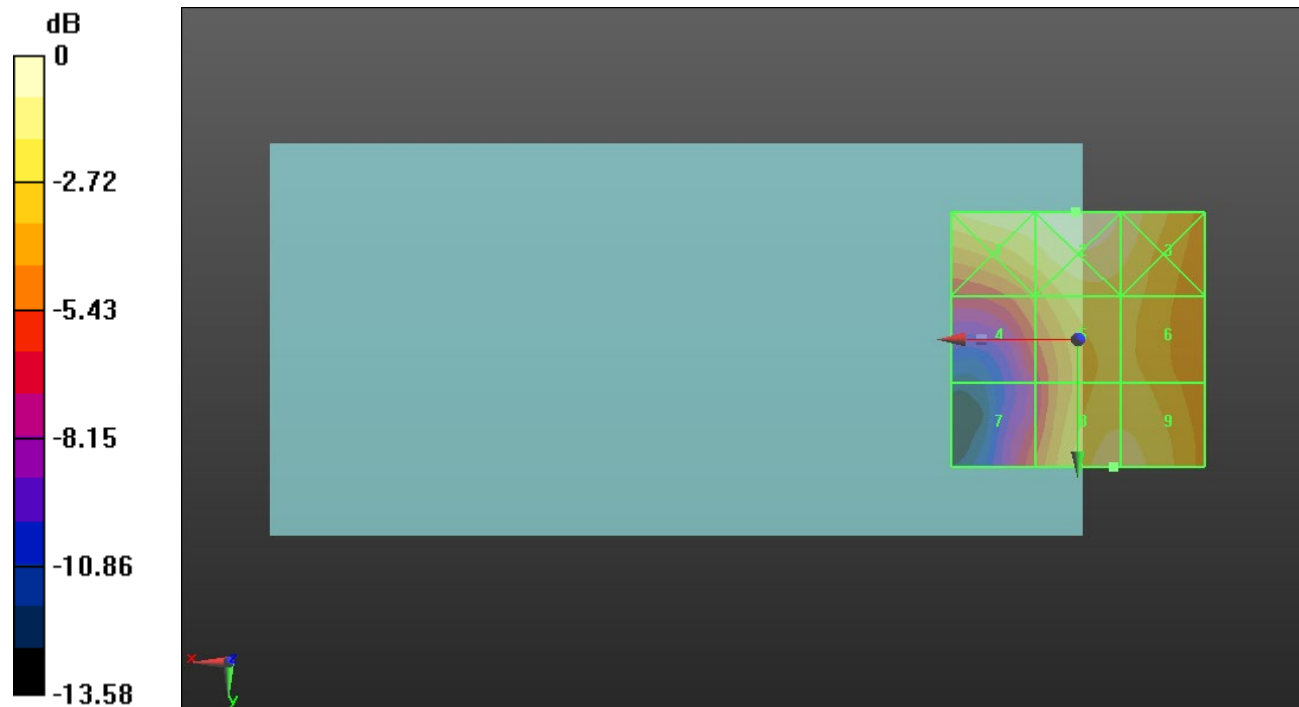
Applied MIF = 3.63 dB

RF audio interference level = 29.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.63 dBV/m	Grid 2 M3 31.28 dBV/m	Grid 3 M3 30.3 dBV/m
Grid 4 M4 27.13 dBV/m	Grid 5 M4 29.19 dBV/m	Grid 6 M4 29.02 dBV/m
Grid 7 M4 25.98 dBV/m	Grid 8 M4 29.94 dBV/m	Grid 9 M4 29.91 dBV/m



0 dB = 36.65 V/m = 31.28 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 = 16.39 V/m; Power Drift = -0.04 dB

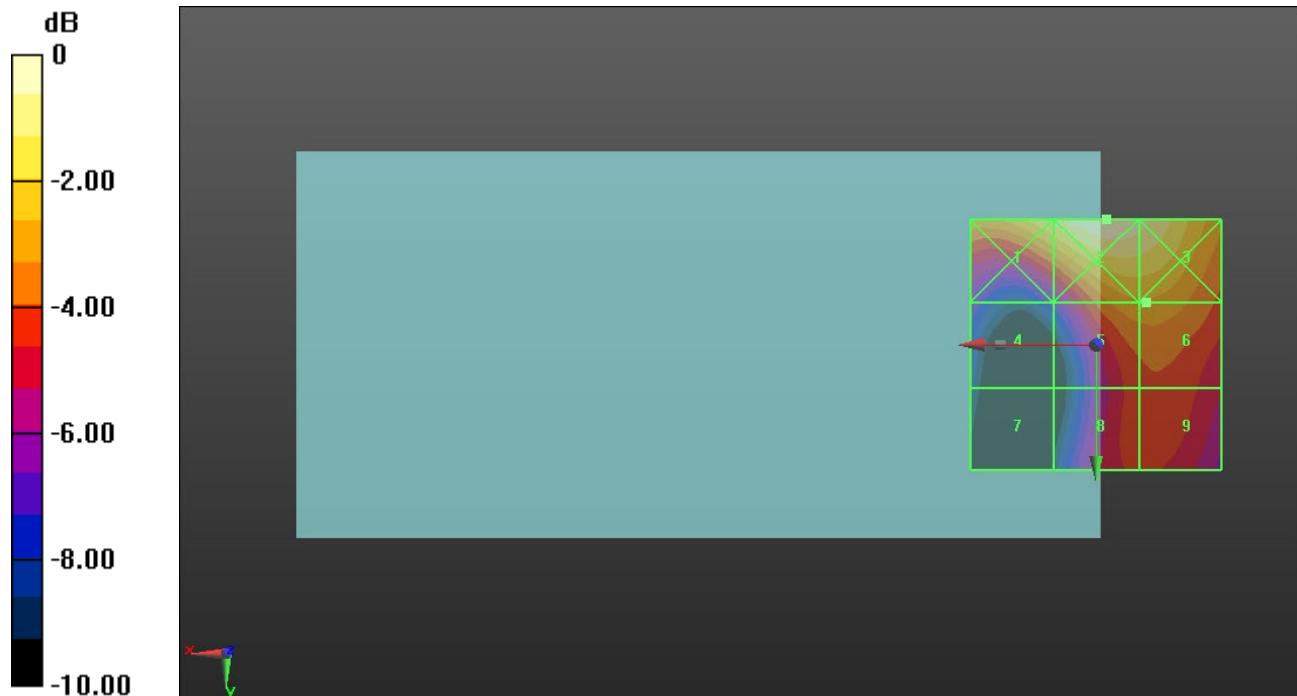
Applied MIF = -1.44 dB

RF audio interference level = 23.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.53 dBV/m	Grid 2 M4 26.58 dBV/m	Grid 3 M4 26.19 dBV/m
Grid 4 M4 20.01 dBV/m	Grid 5 M4 23.81 dBV/m	Grid 6 M4 23.82 dBV/m
Grid 7 M4 18.15 dBV/m	Grid 8 M4 22.37 dBV/m	Grid 9 M4 22.54 dBV/m



0 dB = 21.34 V/m = 26.58 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 = 15.23 V/m; Power Drift = -0.05 dB

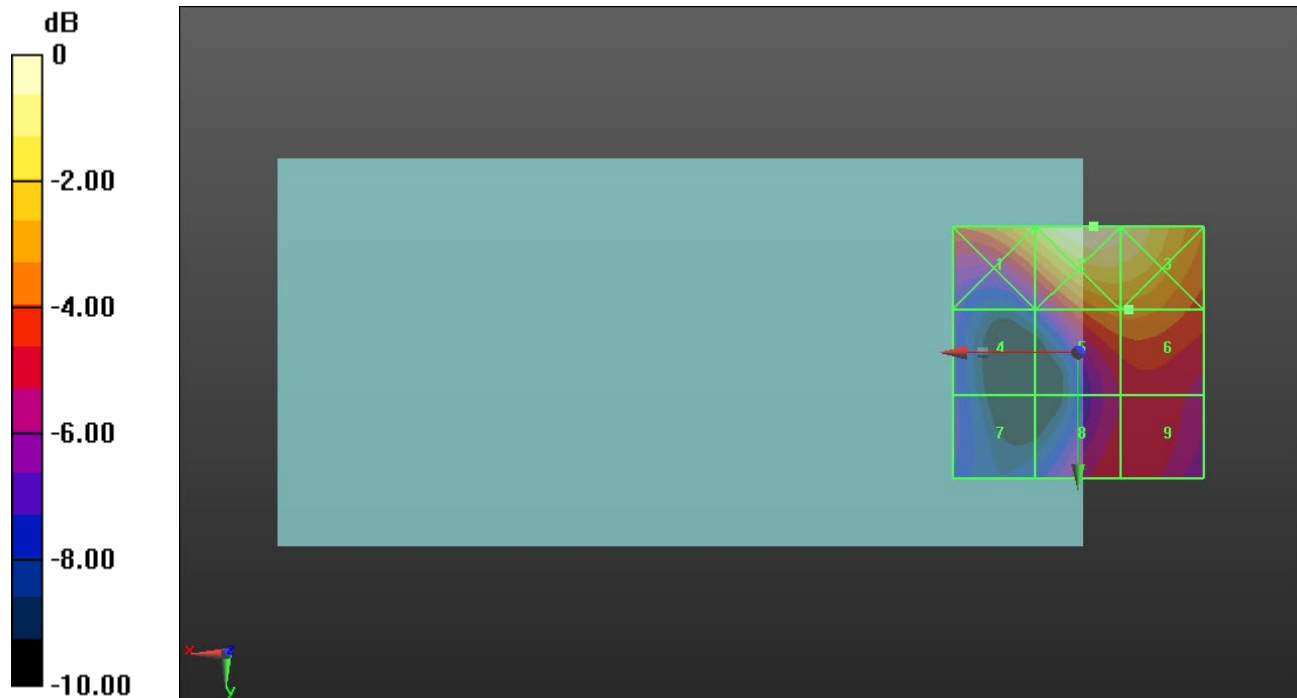
Applied MIF = -1.44 dB

RF audio interference level = 24.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.98 dBV/m	Grid 2 M4 27.41 dBV/m	Grid 3 M4 27.02 dBV/m
Grid 4 M4 20.6 dBV/m	Grid 5 M4 24.37 dBV/m	Grid 6 M4 24.38 dBV/m
Grid 7 M4 20.45 dBV/m	Grid 8 M4 22.5 dBV/m	Grid 9 M4 22.56 dBV/m



0 dB = 23.46 V/m = 27.41 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_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.21 V/m; Power Drift = -0.05 dB

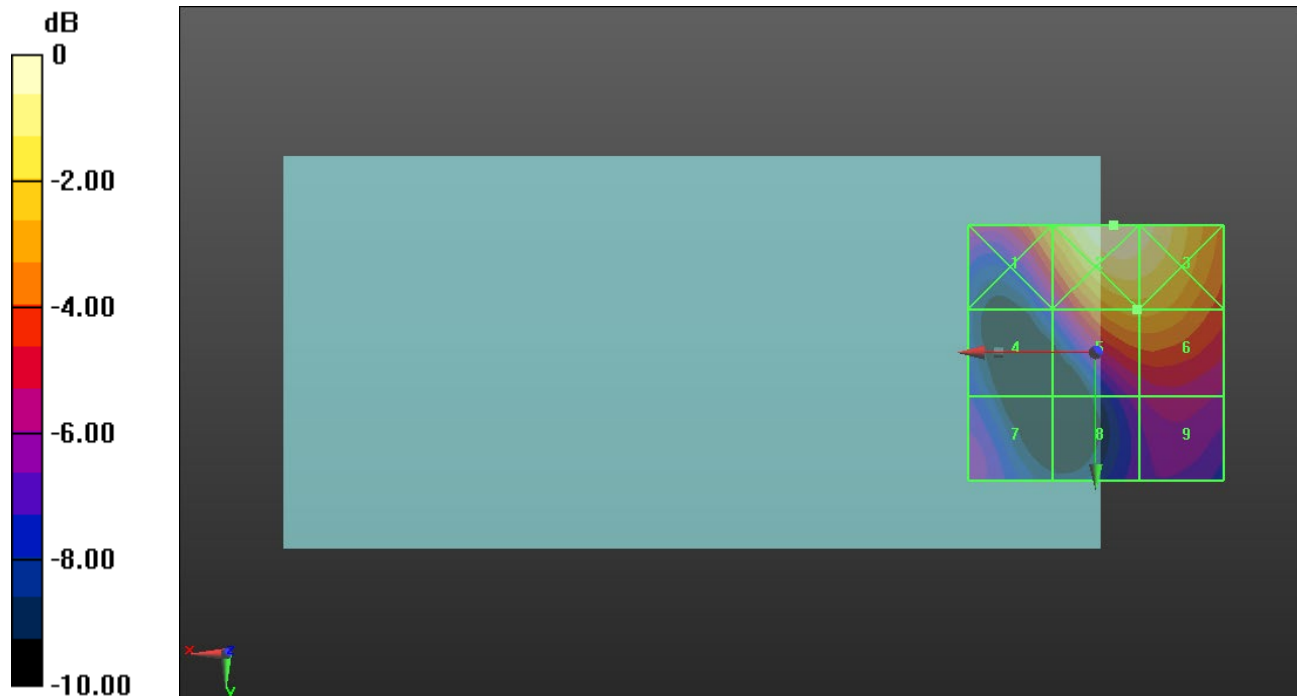
Applied MIF = -1.44 dB

RF audio interference level = 25.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.23 dBV/m	Grid 2 M4 27.47 dBV/m	Grid 3 M4 27.21 dBV/m
Grid 4 M4 20.72 dBV/m	Grid 5 M4 25.09 dBV/m	Grid 6 M4 25.09 dBV/m
Grid 7 M4 21.29 dBV/m	Grid 8 M4 21.4 dBV/m	Grid 9 M4 21.97 dBV/m



0 dB = 23.63 V/m = 27.47 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.16 V/m; Power Drift = 0.00 dB

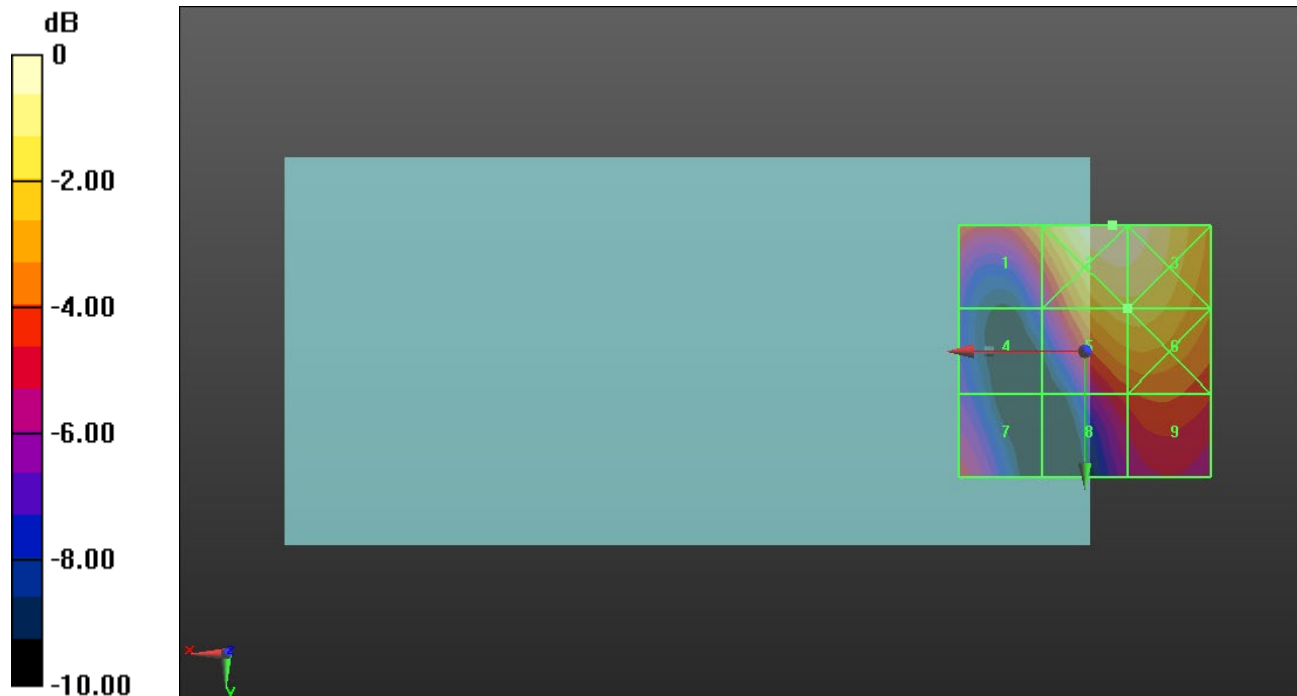
Applied MIF = -1.44 dB

RF audio interference level = 24.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.45 dBV/m	Grid 2 M4 25.96 dBV/m	Grid 3 M4 25.78 dBV/m
Grid 4 M4 19.3 dBV/m	Grid 5 M4 24.34 dBV/m	Grid 6 M4 24.35 dBV/m
Grid 7 M4 20.97 dBV/m	Grid 8 M4 21.7 dBV/m	Grid 9 M4 22.15 dBV/m



0 dB = 19.85 V/m = 25.96 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_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 = 17.97 V/m; Power Drift = -0.03 dB

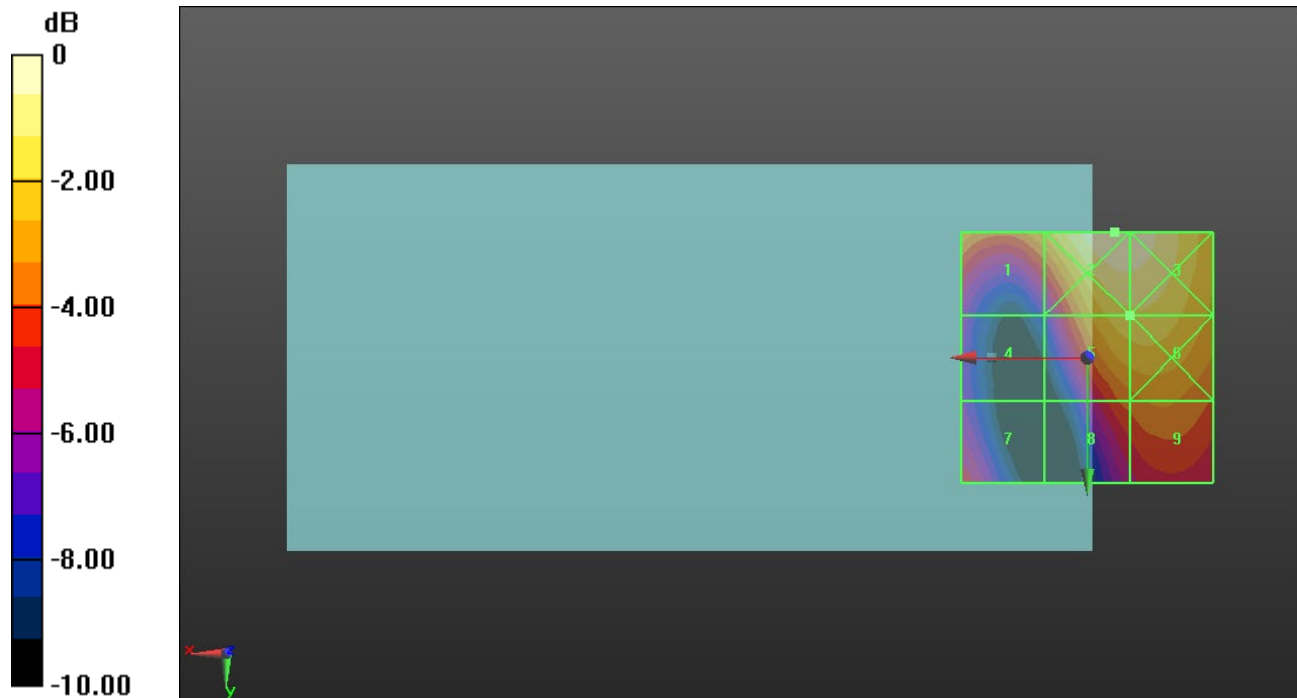
Applied MIF = -1.44 dB

RF audio interference level = 24.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.41 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.68 dBV/m
Grid 4 M4 19.82 dBV/m	Grid 5 M4 24.36 dBV/m	Grid 6 M4 24.4 dBV/m
Grid 7 M4 20.97 dBV/m	Grid 8 M4 22.2 dBV/m	Grid 9 M4 22.64 dBV/m



0 dB = 19.57 V/m = 25.83 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 = 18.88 V/m; Power Drift = -0.06 dB

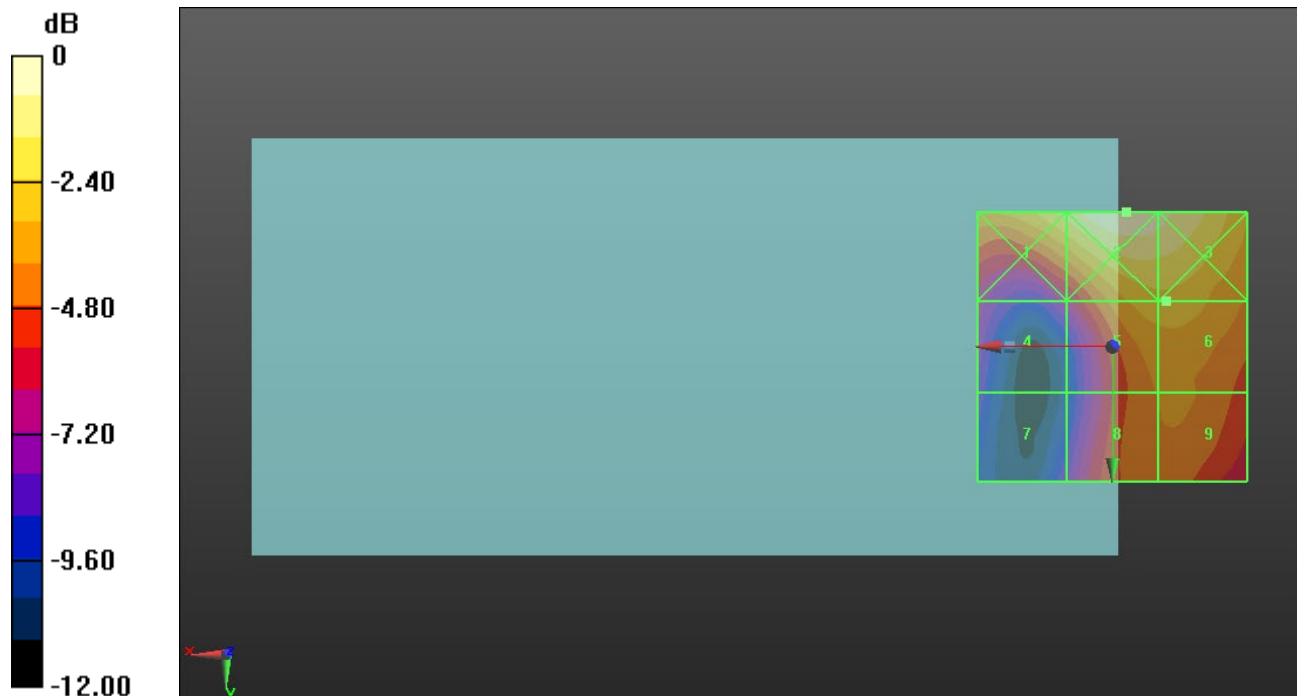
Applied MIF = -1.44 dB

RF audio interference level = 24.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.33 dBV/m	Grid 2 M4 27.52 dBV/m	Grid 3 M4 27.03 dBV/m
Grid 4 M4 20.96 dBV/m	Grid 5 M4 24.84 dBV/m	Grid 6 M4 24.87 dBV/m
Grid 7 M4 19.5 dBV/m	Grid 8 M4 23.57 dBV/m	Grid 9 M4 23.67 dBV/m



0 dB = 23.76 V/m = 27.52 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 = 16.94 V/m; Power Drift = -0.19 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.58 dBV/m	Grid 2 M4 28.05 dBV/m	Grid 3 M4 27.7 dBV/m
Grid 4 M4 21.53 dBV/m	Grid 5 M4 24.91 dBV/m	Grid 6 M4 24.96 dBV/m
Grid 7 M4 21.56 dBV/m	Grid 8 M4 23.37 dBV/m	Grid 9 M4 23.47 dBV/m



0 dB = 25.26 V/m = 28.05 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 = 19.15 V/m; Power Drift = -0.14 dB

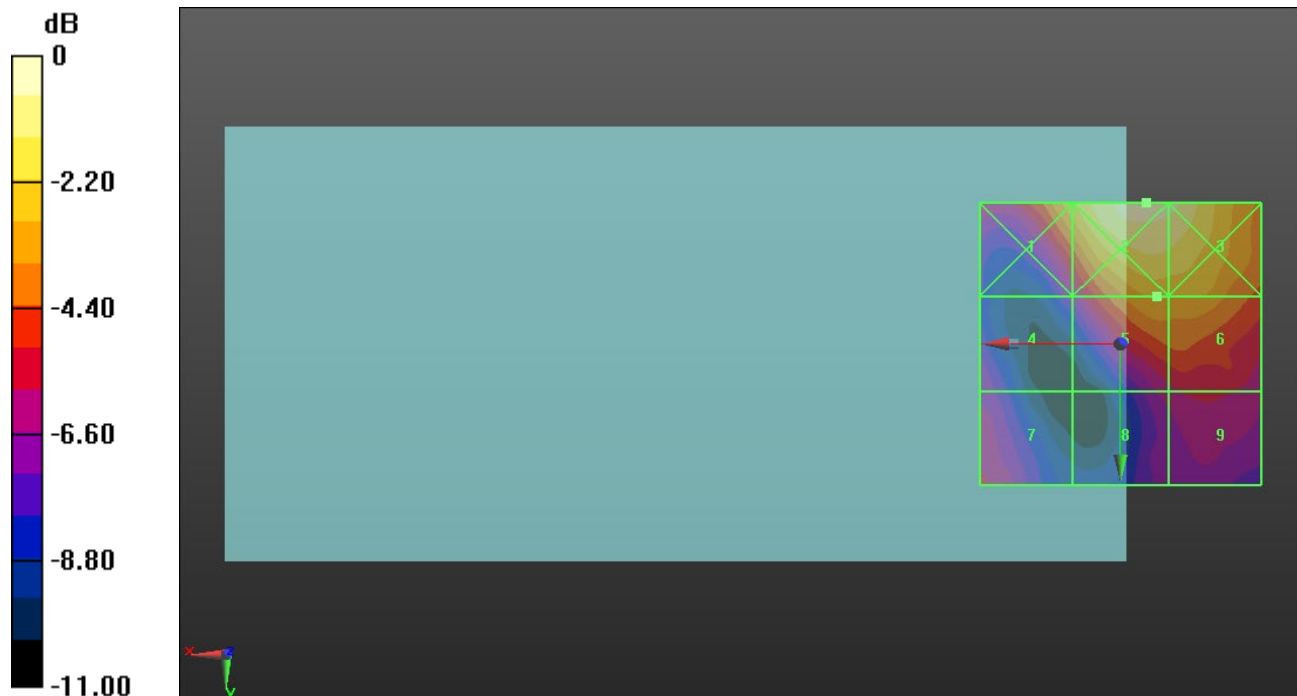
Applied MIF = -1.44 dB

RF audio interference level = 25.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.42 dBV/m	Grid 2 M4 28.63 dBV/m	Grid 3 M4 28.24 dBV/m
Grid 4 M4 21.95 dBV/m	Grid 5 M4 25.85 dBV/m	Grid 6 M4 25.78 dBV/m
Grid 7 M4 22.86 dBV/m	Grid 8 M4 22.48 dBV/m	Grid 9 M4 22.98 dBV/m



0 dB = 27.00 V/m = 28.63 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 = 22.14 V/m; Power Drift = -0.05 dB

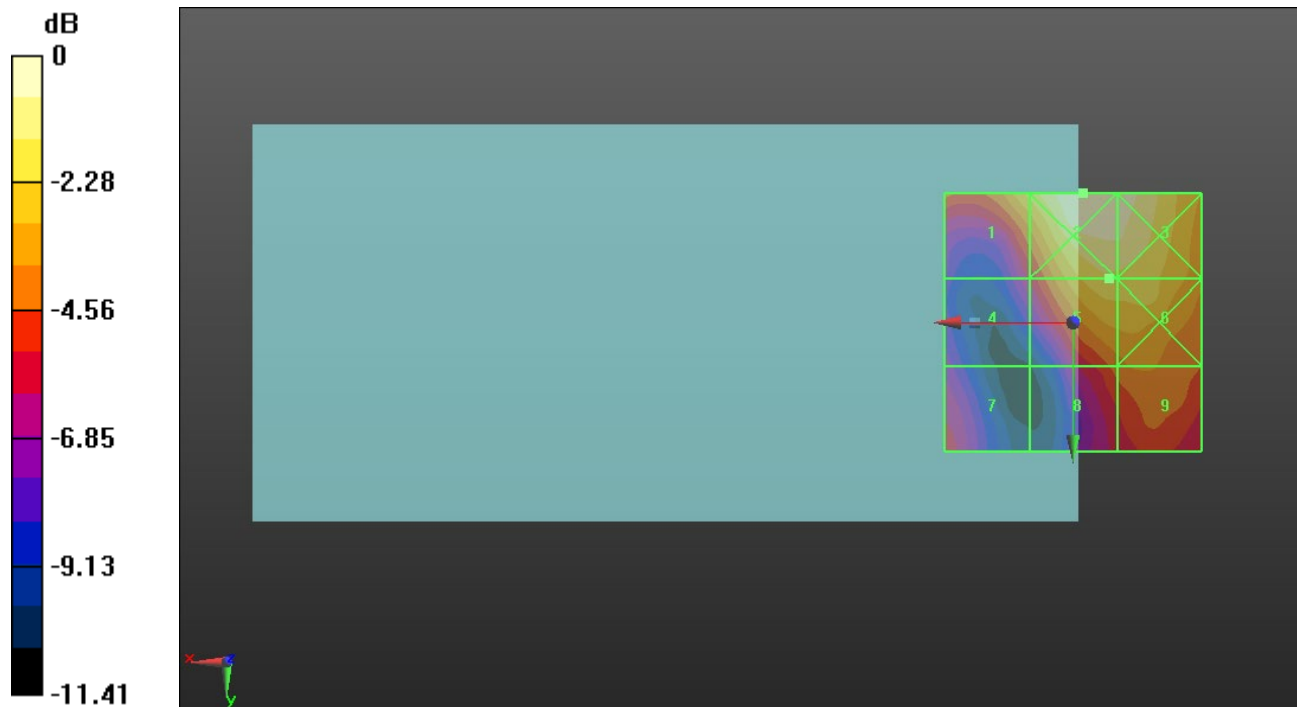
Applied MIF = -1.44 dB

RF audio interference level = 26.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26 dBV/m	Grid 2 M4 27.99 dBV/m	Grid 3 M4 27.73 dBV/m
Grid 4 M4 22.02 dBV/m	Grid 5 M4 26.3 dBV/m	Grid 6 M4 26.27 dBV/m
Grid 7 M4 22.77 dBV/m	Grid 8 M4 23.81 dBV/m	Grid 9 M4 24.28 dBV/m



0 dB = 25.08 V/m = 27.99 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 = 20.16 V/m; Power Drift = -0.07 dB

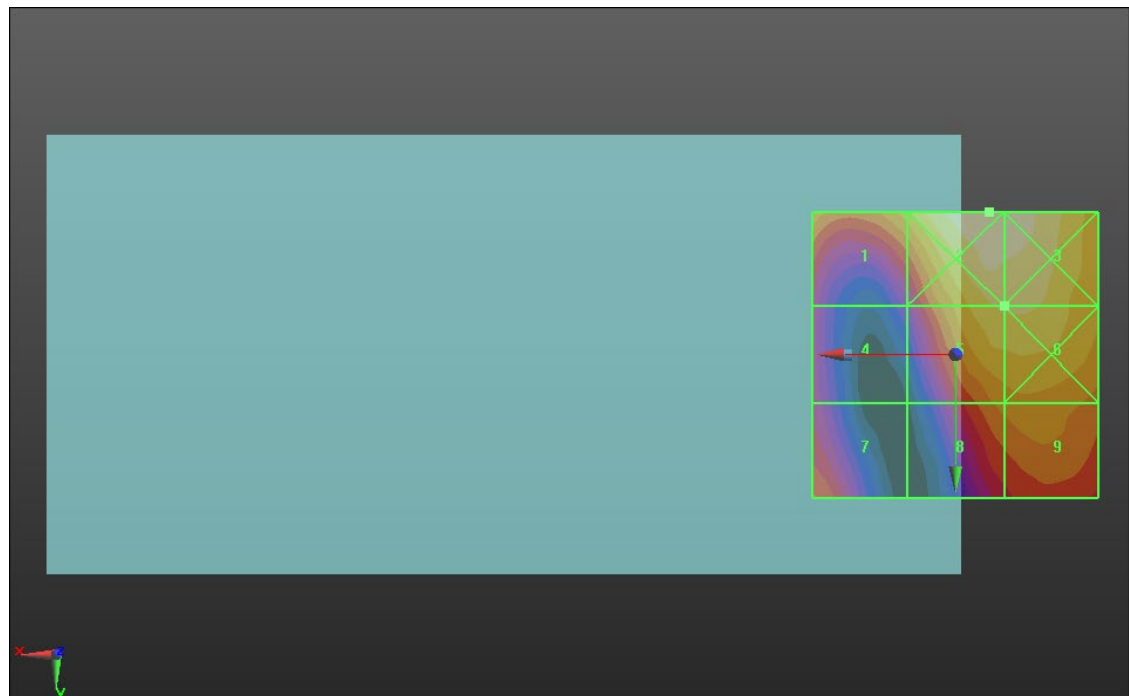
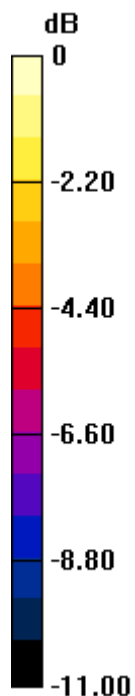
Applied MIF = -1.44 dB

RF audio interference level = 25.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.11 dBV/m	Grid 2 M4 26.56 dBV/m	Grid 3 M4 26.49 dBV/m
Grid 4 M4 20.64 dBV/m	Grid 5 M4 25.24 dBV/m	Grid 6 M4 25.31 dBV/m
Grid 7 M4 22.29 dBV/m	Grid 8 M4 23.17 dBV/m	Grid 9 M4 23.46 dBV/m



0 dB = 21.28 V/m = 26.56 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 = 9.248 V/m; Power Drift = -0.04 dB

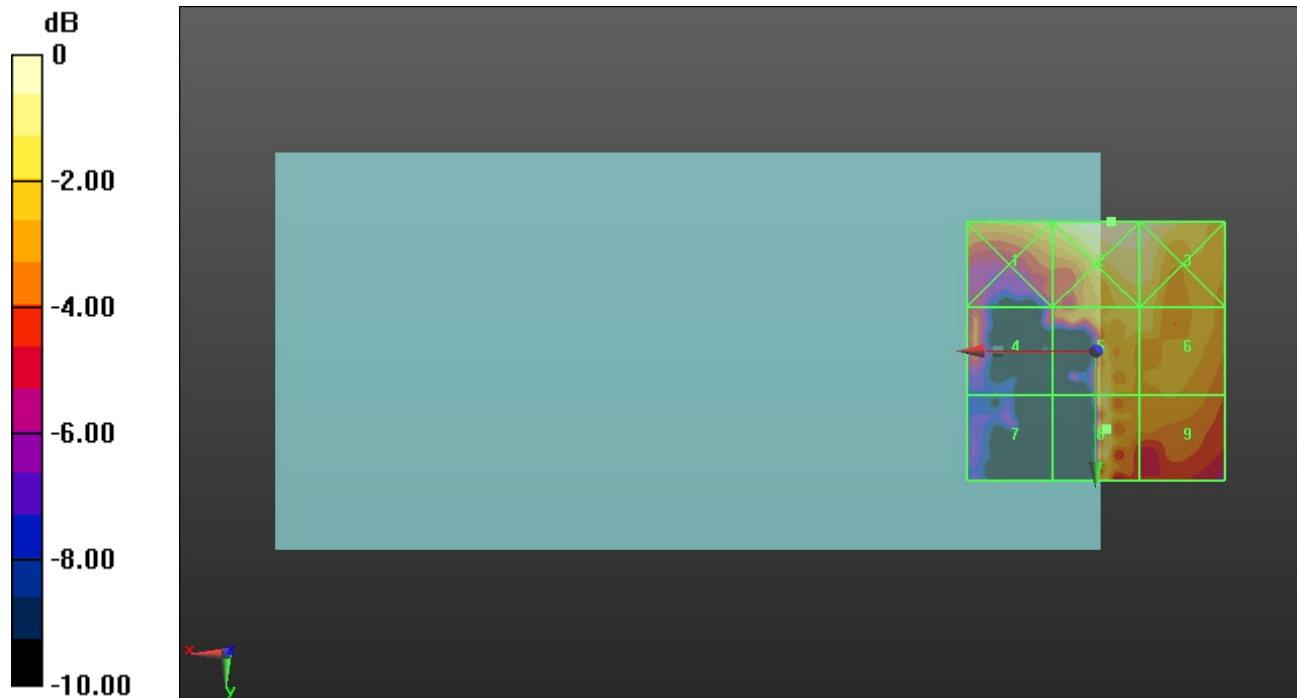
Applied MIF = -2.02 dB

RF audio interference level = 18.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.94 dBV/m	Grid 2 M4 19.11 dBV/m	Grid 3 M4 18.89 dBV/m
Grid 4 M4 15.37 dBV/m	Grid 5 M4 18.07 dBV/m	Grid 6 M4 17.47 dBV/m
Grid 7 M4 12.85 dBV/m	Grid 8 M4 18.36 dBV/m	Grid 9 M4 16.48 dBV/m



0 dB = 9.021 V/m = 19.11 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 = 9.084 V/m; Power Drift = -0.34 dB

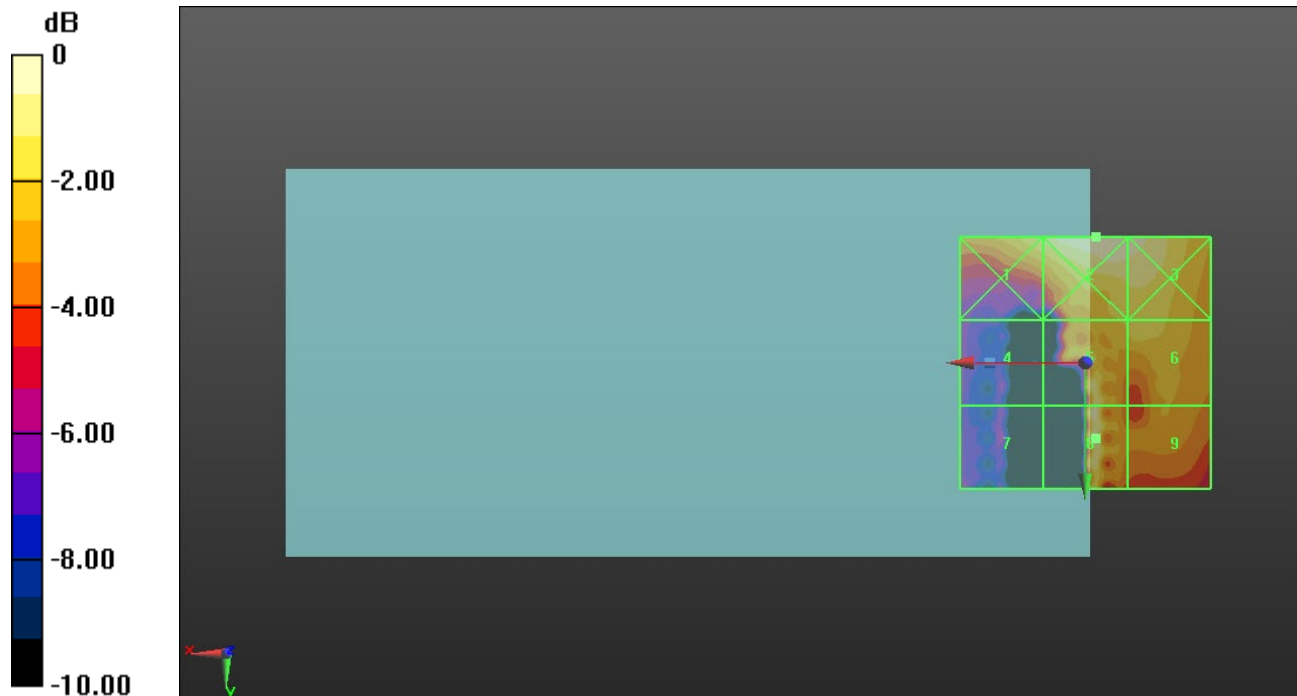
Applied MIF = -2.02 dB

RF audio interference level = 18.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.91 dBV/m	Grid 2 M4 18.97 dBV/m	Grid 3 M4 18.7 dBV/m
Grid 4 M4 13.05 dBV/m	Grid 5 M4 18.21 dBV/m	Grid 6 M4 17.24 dBV/m
Grid 7 M4 13.1 dBV/m	Grid 8 M4 18.86 dBV/m	Grid 9 M4 16.35 dBV/m



0 dB = 8.879 V/m = 18.97 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 = 7.628 V/m; Power Drift = -0.06 dB

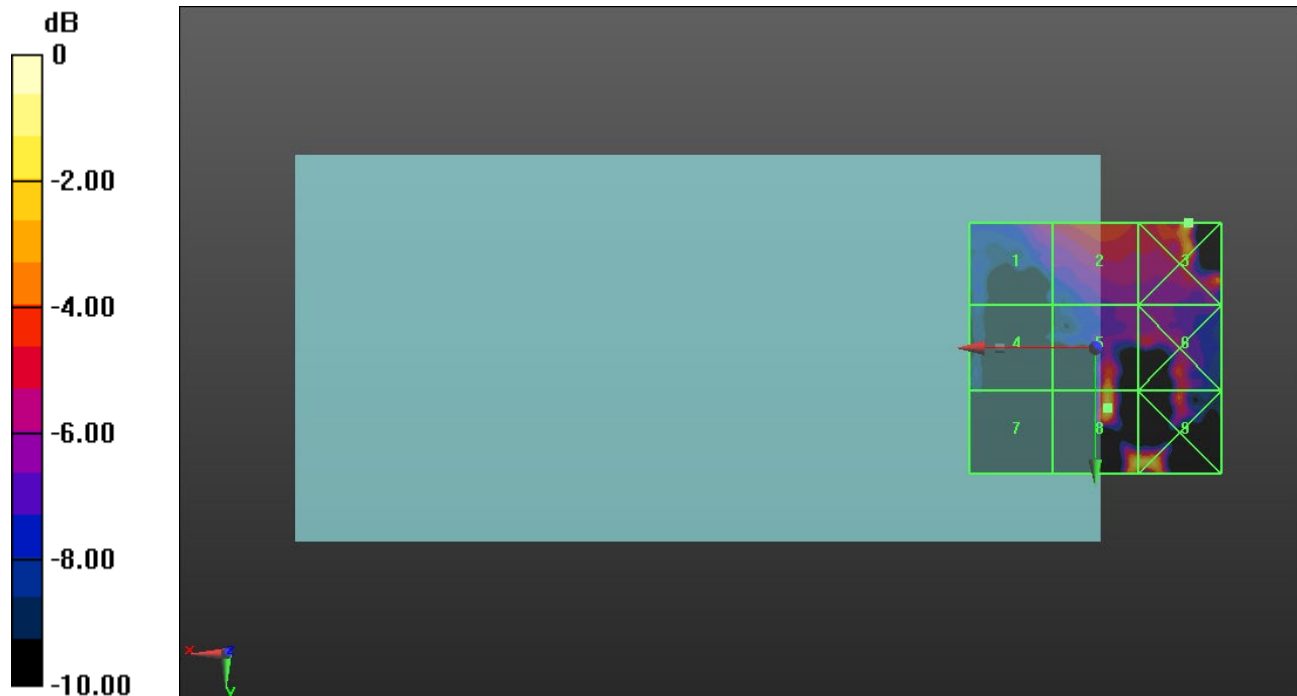
Applied MIF = -2.02 dB

RF audio interference level = 20.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.21 dBV/m	Grid 2 M4 18.15 dBV/m	Grid 3 M4 22.18 dBV/m
Grid 4 M4 13.94 dBV/m	Grid 5 M4 20.03 dBV/m	Grid 6 M4 17.98 dBV/m
Grid 7 M4 13 dBV/m	Grid 8 M4 20.87 dBV/m	Grid 9 M4 20.73 dBV/m



0 dB = 12.85 V/m = 22.18 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 = 8.462 V/m; Power Drift = -0.03 dB

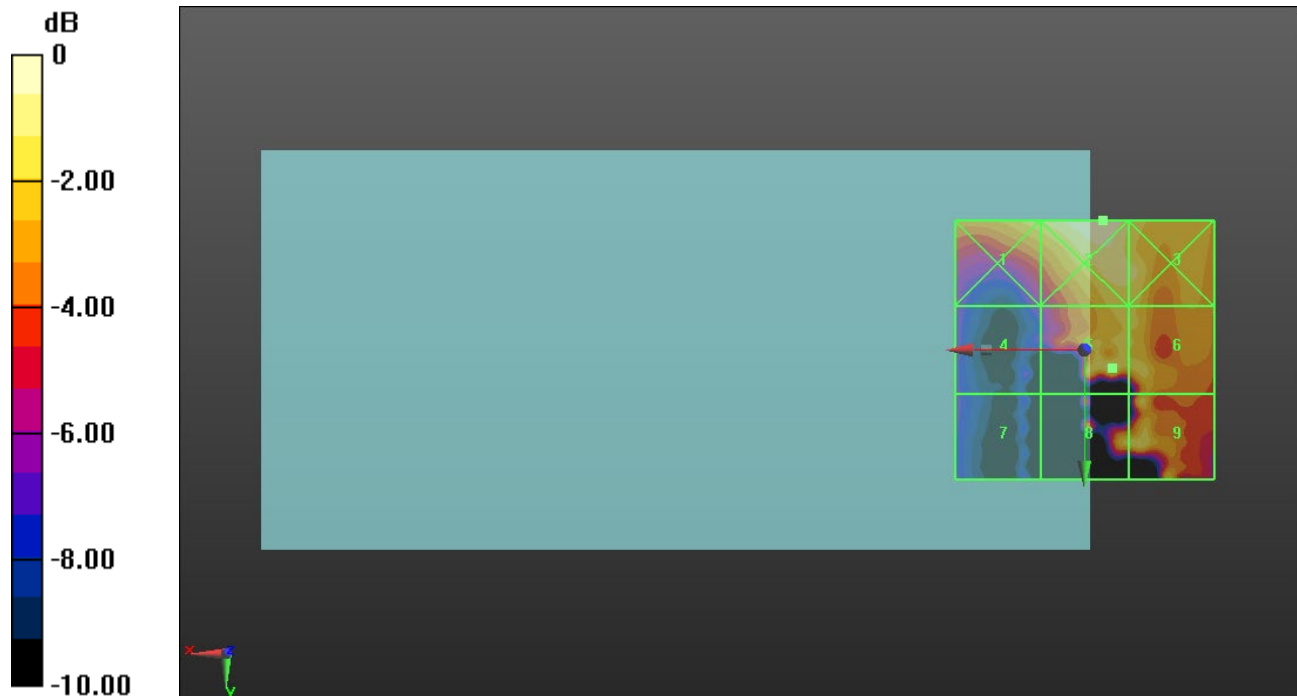
Applied MIF = 0.12 dB

RF audio interference level = 19.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.4 dBV/m	Grid 2 M4 20.74 dBV/m	Grid 3 M4 19.61 dBV/m
Grid 4 M4 14.52 dBV/m	Grid 5 M4 19.75 dBV/m	Grid 6 M4 19.18 dBV/m
Grid 7 M4 14.14 dBV/m	Grid 8 M4 18.95 dBV/m	Grid 9 M4 19.47 dBV/m



0 dB = 10.89 V/m = 20.74 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 = 8.361 V/m; Power Drift = -0.07 dB

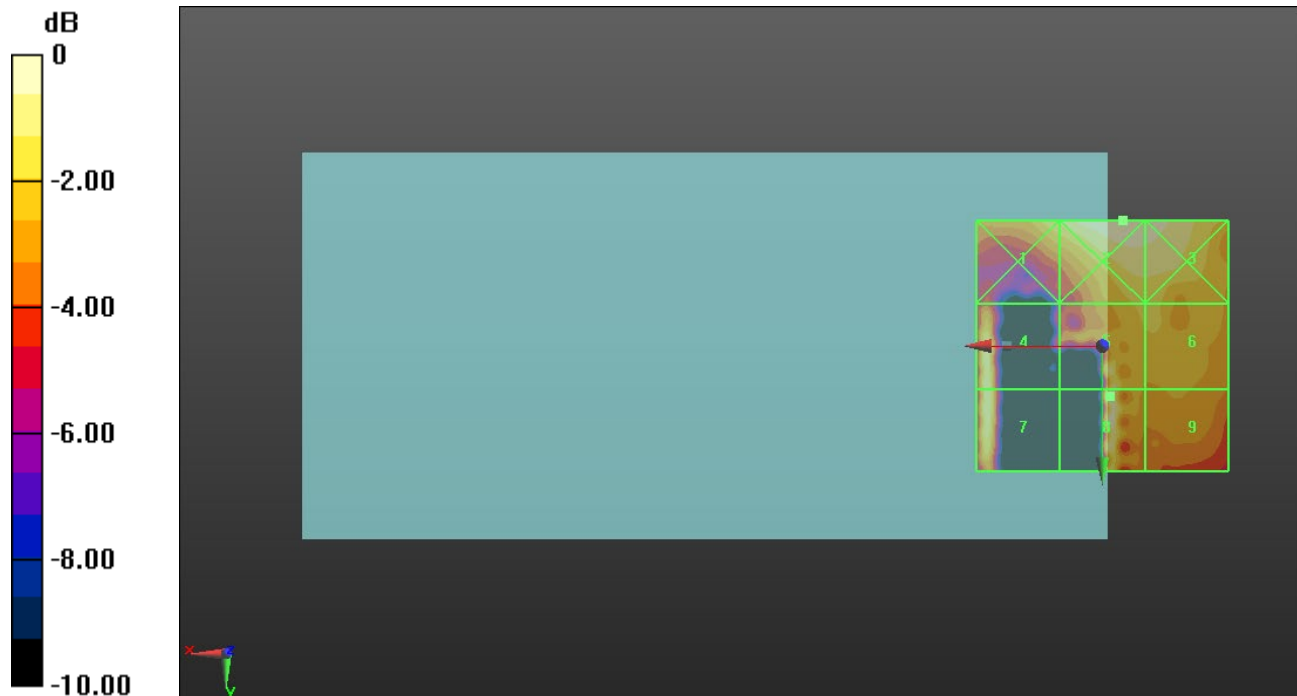
Applied MIF = 0.12 dB

RF audio interference level = 20.45 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.34 dBV/m	Grid 2 M4 20.46 dBV/m	Grid 3 M4 20.23 dBV/m
Grid 4 M4 19.69 dBV/m	Grid 5 M4 19.61 dBV/m	Grid 6 M4 18.77 dBV/m
Grid 7 M4 19.8 dBV/m	Grid 8 M4 20.45 dBV/m	Grid 9 M4 17.9 dBV/m



0 dB = 10.54 V/m = 20.46 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 = 7.763 V/m; Power Drift = 0.14 dB

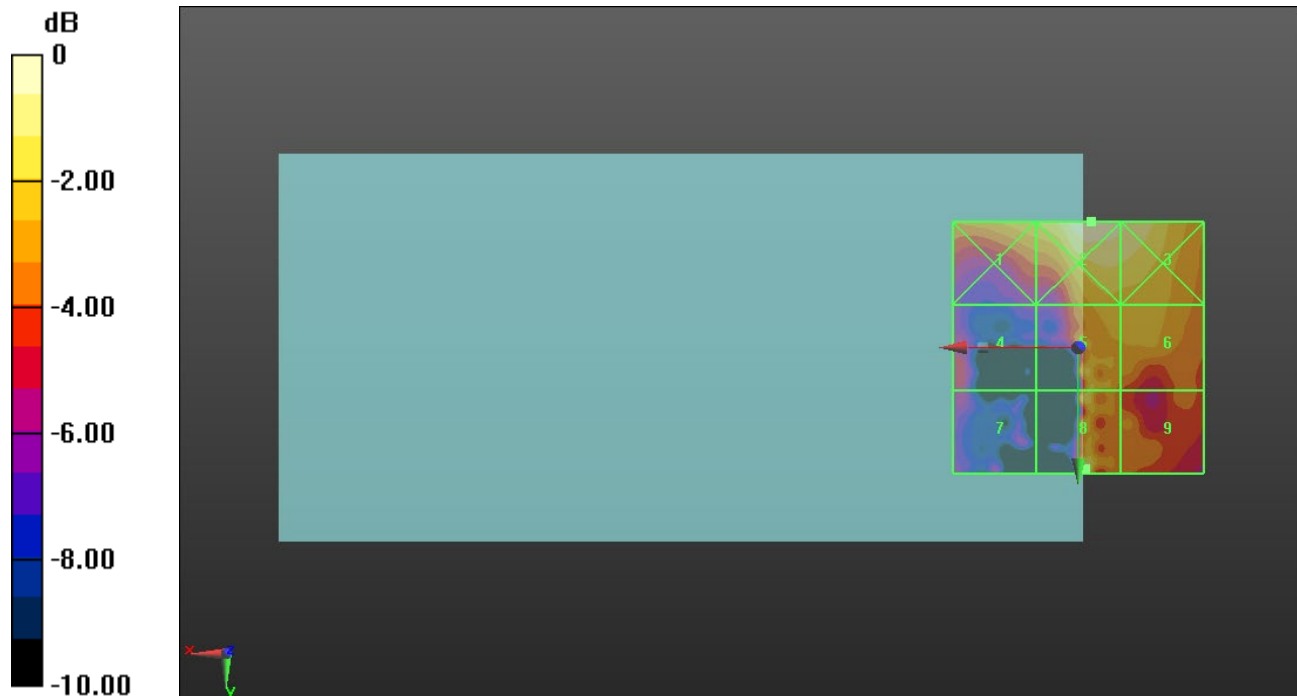
Applied MIF = 0.12 dB

RF audio interference level = 19.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.72 dBV/m	Grid 2 M4 20.52 dBV/m	Grid 3 M4 20.05 dBV/m
Grid 4 M4 15.73 dBV/m	Grid 5 M4 18.73 dBV/m	Grid 6 M4 18.26 dBV/m
Grid 7 M4 15.06 dBV/m	Grid 8 M4 19.97 dBV/m	Grid 9 M4 17.35 dBV/m



0 dB = 10.61 V/m = 20.51 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 = 20.61 V/m; Power Drift = 0.01 dB

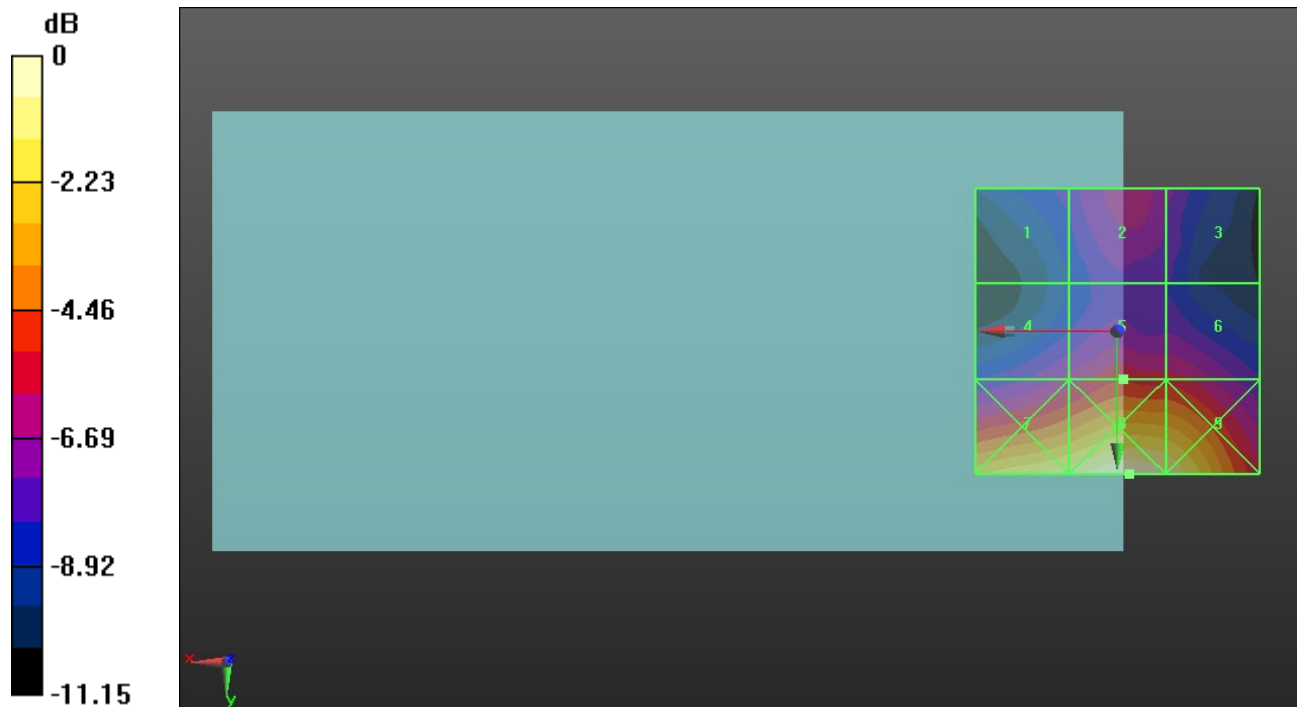
Applied MIF = 3.63 dB

RF audio interference level = 29.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.68 dBV/m	Grid 2 M4 28.1 dBV/m	Grid 3 M4 27.32 dBV/m
Grid 4 M4 28.02 dBV/m	Grid 5 M4 29.12 dBV/m	Grid 6 M4 28.91 dBV/m
Grid 7 M3 33.41 dBV/m	Grid 8 M3 34.38 dBV/m	Grid 9 M3 33.75 dBV/m



0 dB = 52.36 V/m = 34.38 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 = 19.65 V/m; Power Drift = -0.13 dB

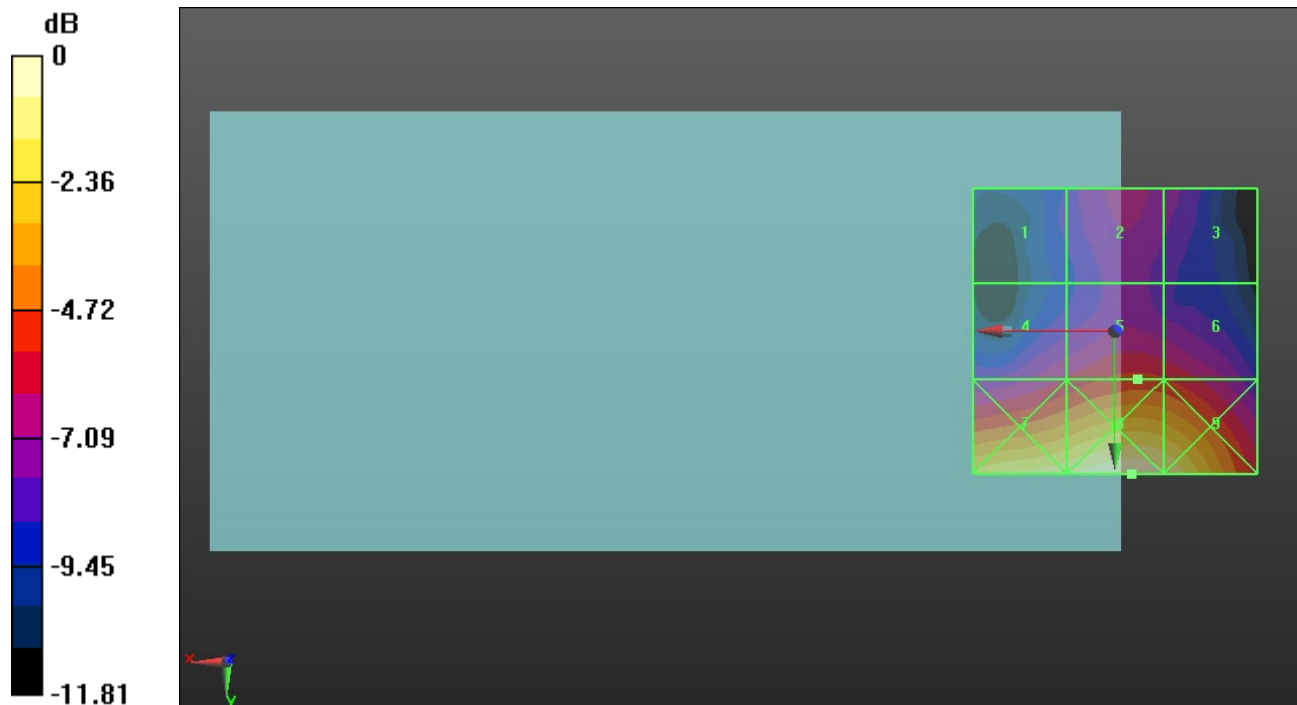
Applied MIF = 3.63 dB

RF audio interference level = 28.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.69 dBV/m	Grid 2 M4 27.11 dBV/m	Grid 3 M4 26.64 dBV/m
Grid 4 M4 27.83 dBV/m	Grid 5 M4 28.82 dBV/m	Grid 6 M4 28.6 dBV/m
Grid 7 M3 33.16 dBV/m	Grid 8 M3 33.98 dBV/m	Grid 9 M3 33.37 dBV/m



0 dB = 50.02 V/m = 33.98 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 = 19.59 V/m; Power Drift = -0.04 dB

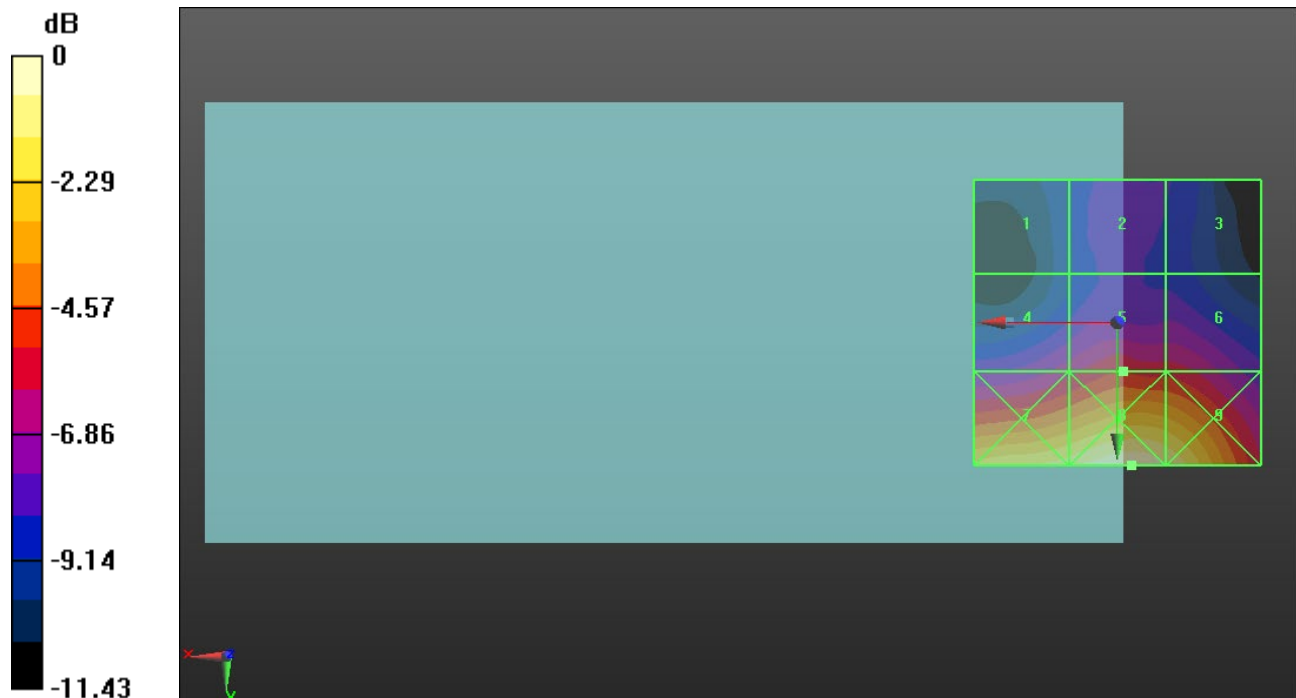
Applied MIF = 3.63 dB

RF audio interference level = 28.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.95 dBV/m	Grid 2 M4 25.94 dBV/m	Grid 3 M4 25.66 dBV/m
Grid 4 M4 27.61 dBV/m	Grid 5 M4 28.62 dBV/m	Grid 6 M4 28.37 dBV/m
Grid 7 M3 32.98 dBV/m	Grid 8 M3 33.97 dBV/m	Grid 9 M3 33.34 dBV/m



0 dB = 49.93 V/m = 33.97 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 = 8.472 V/m; Power Drift = -0.13 dB

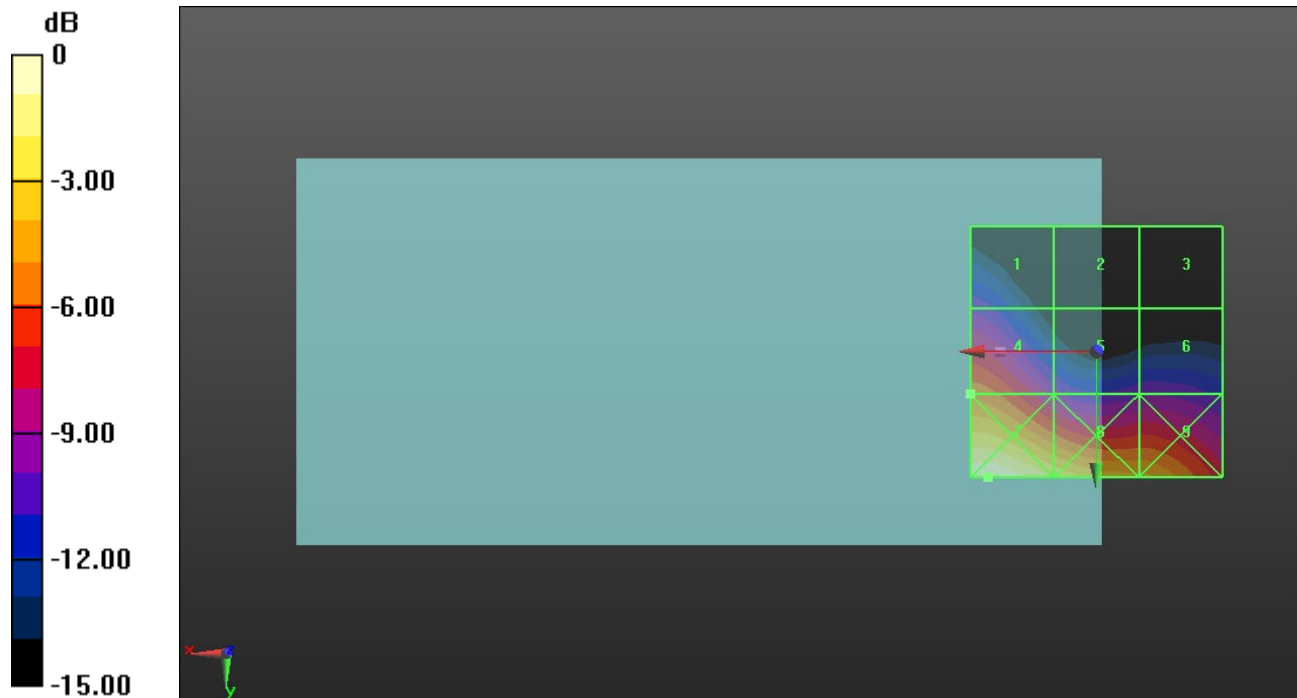
Applied MIF = -1.44 dB

RF audio interference level = 26.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.99 dBV/m	Grid 2 M4 16.88 dBV/m	Grid 3 M4 15.77 dBV/m
Grid 4 M4 26.87 dBV/m	Grid 5 M4 22.82 dBV/m	Grid 6 M4 22.11 dBV/m
Grid 7 M3 32.11 dBV/m	Grid 8 M3 30.18 dBV/m	Grid 9 M4 28.56 dBV/m



0 dB = 40.32 V/m = 32.11 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 = 9.634 V/m; Power Drift = -0.15 dB

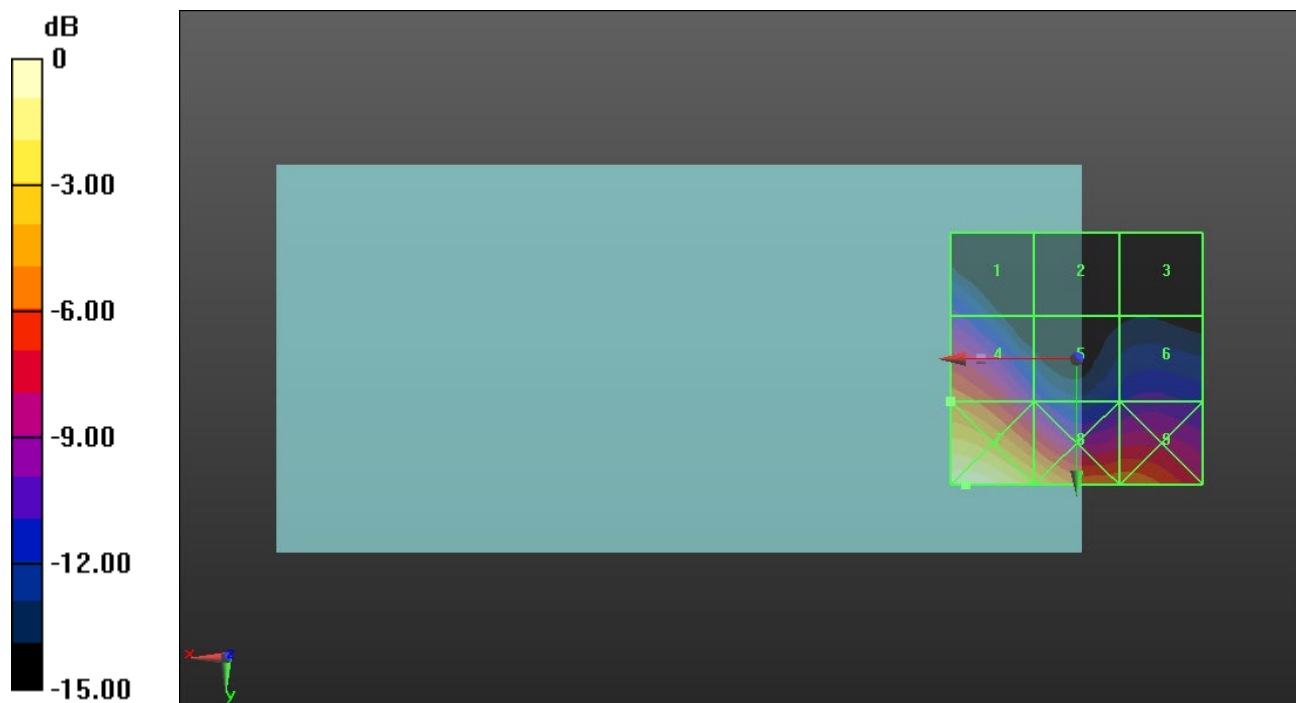
Applied MIF = -1.44 dB

RF audio interference level = 27.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.78 dBV/m	Grid 2 M4 17.9 dBV/m	Grid 3 M4 18.16 dBV/m
Grid 4 M4 27 dBV/m	Grid 5 M4 22.15 dBV/m	Grid 6 M4 21.67 dBV/m
Grid 7 M3 32.15 dBV/m	Grid 8 M4 29.52 dBV/m	Grid 9 M4 27.24 dBV/m



0 dB = 40.49 V/m = 32.15 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 = 15.16 V/m; Power Drift = -0.13 dB

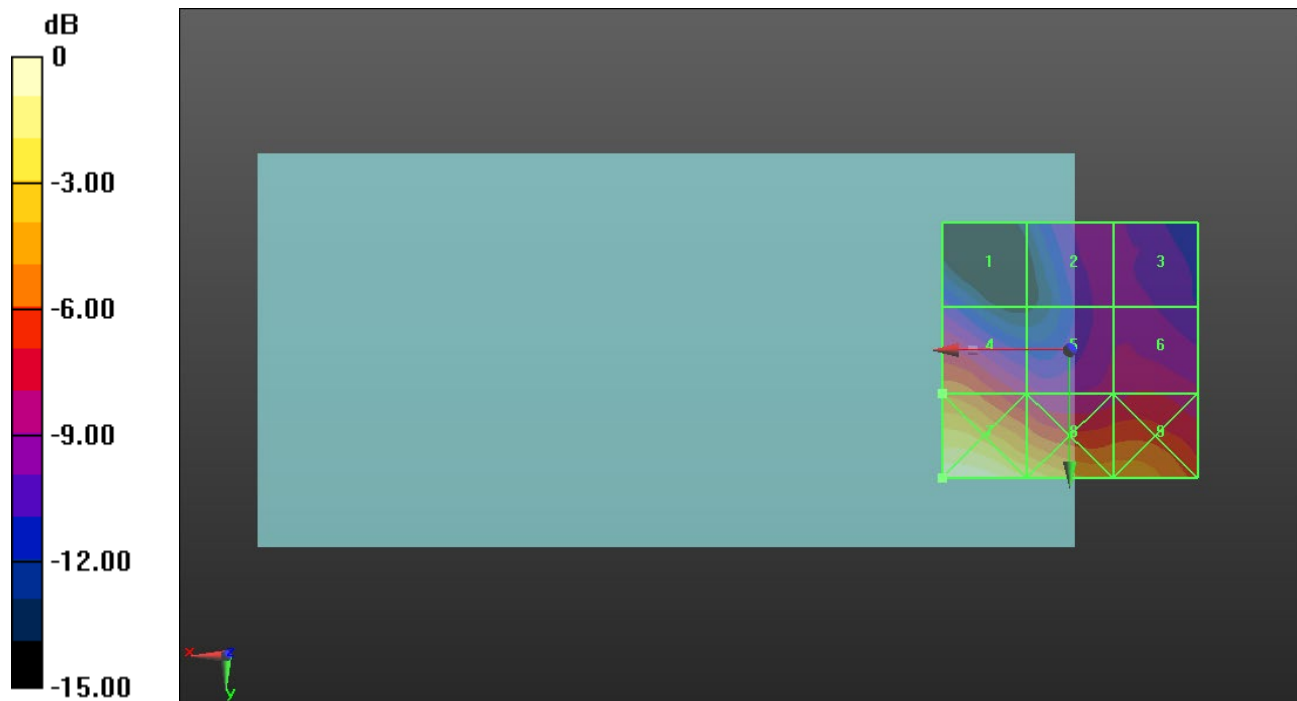
Applied MIF = -1.44 dB

RF audio interference level = 25.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.55 dBV/m	Grid 2 M4 21.39 dBV/m	Grid 3 M4 21.43 dBV/m
Grid 4 M4 25.7 dBV/m	Grid 5 M4 22.55 dBV/m	Grid 6 M4 23.01 dBV/m
Grid 7 M3 30.85 dBV/m	Grid 8 M4 28.92 dBV/m	Grid 9 M4 26.94 dBV/m



0 dB = 34.87 V/m = 30.85 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 = 20.54 V/m; Power Drift = -0.03 dB

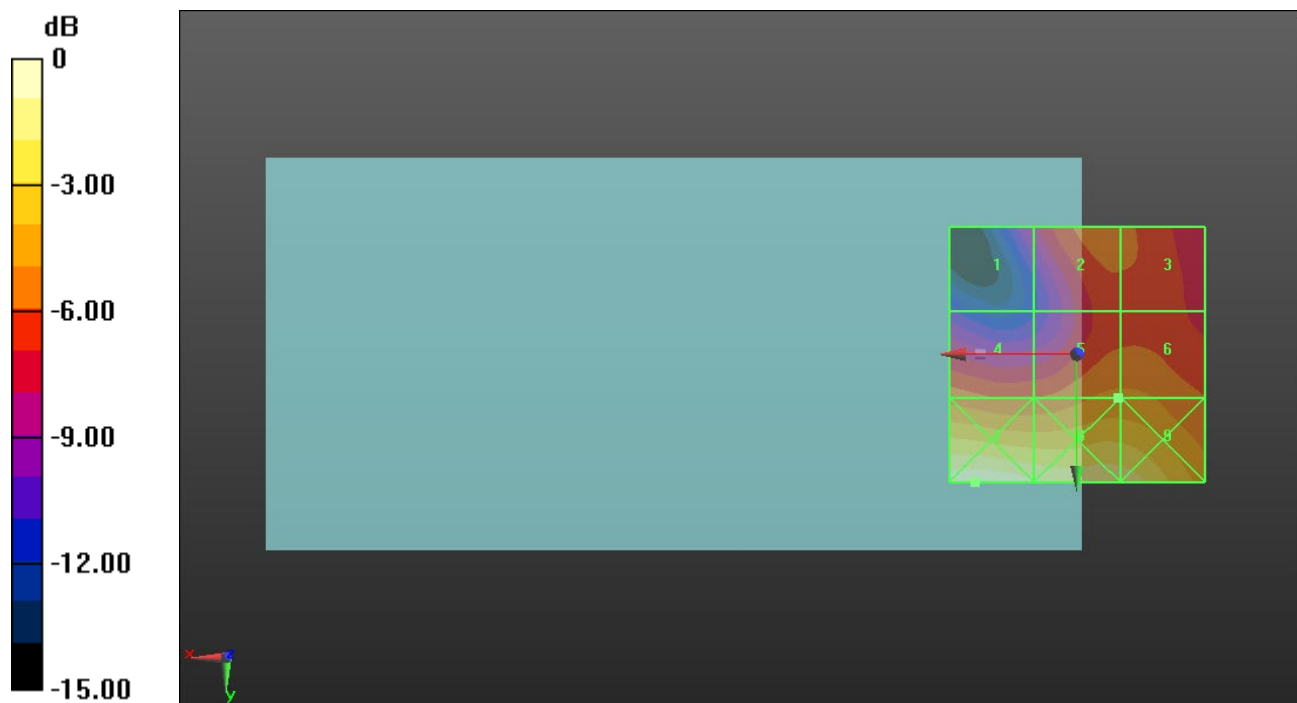
Applied MIF = -1.44 dB

RF audio interference level = 25.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.63 dBV/m	Grid 2 M4 24.37 dBV/m	Grid 3 M4 24.17 dBV/m
Grid 4 M4 24.54 dBV/m	Grid 5 M4 25.17 dBV/m	Grid 6 M4 25.17 dBV/m
Grid 7 M4 29.87 dBV/m	Grid 8 M4 29.11 dBV/m	Grid 9 M4 28.58 dBV/m



0 dB = 31.17 V/m = 29.87 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 = 23.44 V/m; Power Drift = -0.16 dB

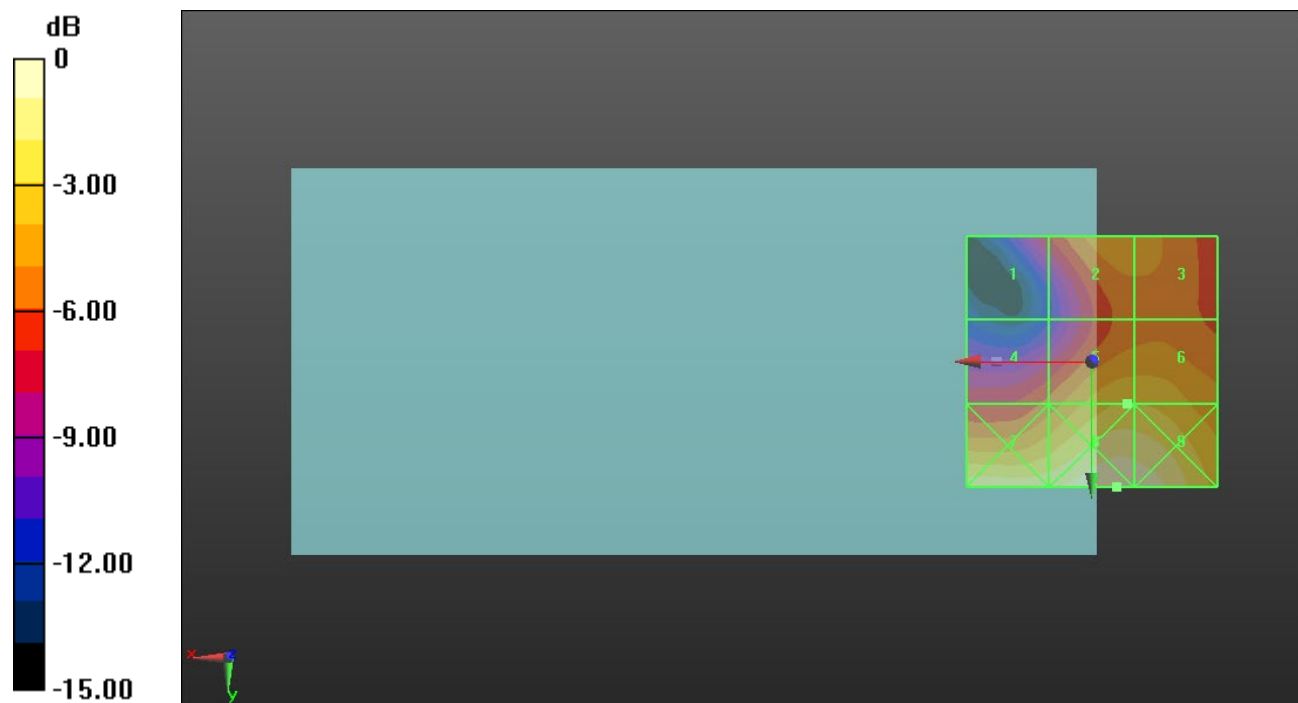
Applied MIF = -1.44 dB

RF audio interference level = 26.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.22 dBV/m	Grid 2 M4 24.82 dBV/m	Grid 3 M4 24.65 dBV/m
Grid 4 M4 23.58 dBV/m	Grid 5 M4 26.22 dBV/m	Grid 6 M4 26.19 dBV/m
Grid 7 M4 28.19 dBV/m	Grid 8 M4 29.13 dBV/m	Grid 9 M4 28.95 dBV/m



0 dB = 28.59 V/m = 29.12 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 = 11.73 V/m; Power Drift = 0.16 dB

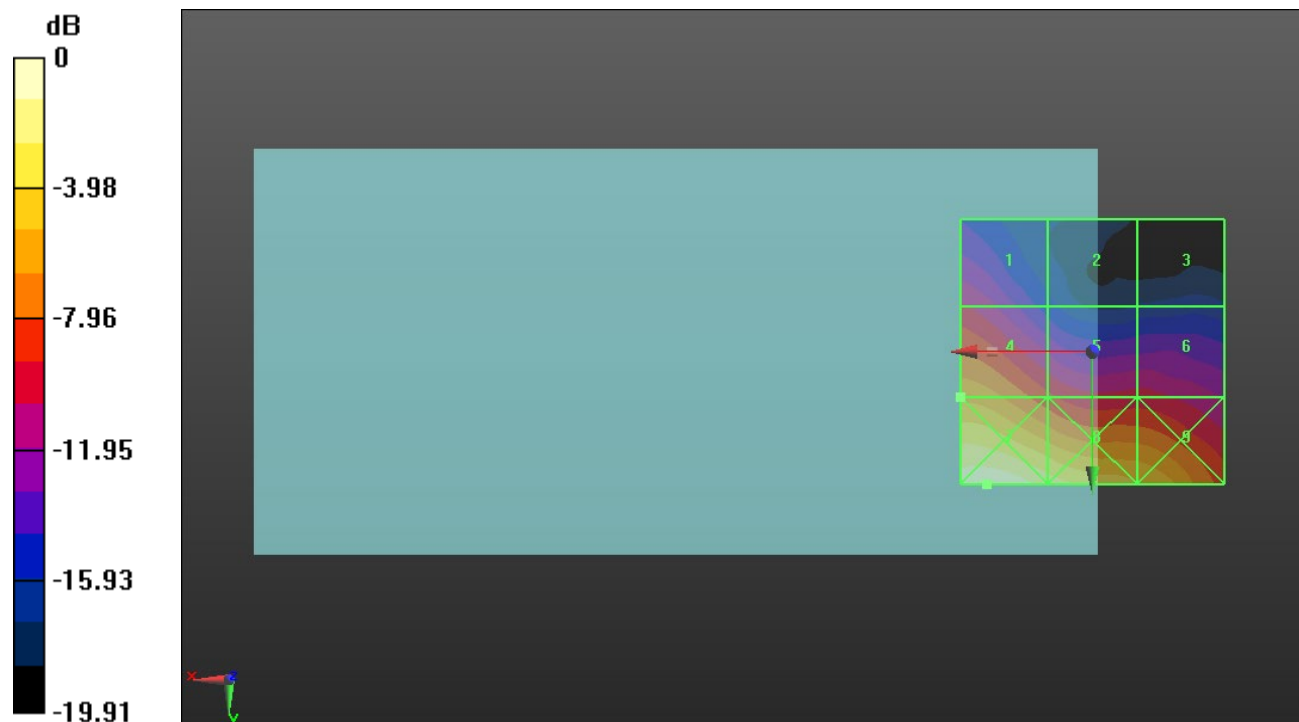
Applied MIF = -1.44 dB

RF audio interference level = 27.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.47 dBV/m	Grid 2 M4 17.69 dBV/m	Grid 3 M4 16.43 dBV/m
Grid 4 M4 27.23 dBV/m	Grid 5 M4 24 dBV/m	Grid 6 M4 22.78 dBV/m
Grid 7 M3 32.84 dBV/m	Grid 8 M3 31.07 dBV/m	Grid 9 M4 29.02 dBV/m



0 dB = 43.87 V/m = 32.84 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 = 8.120 V/m; Power Drift = 0.05 dB

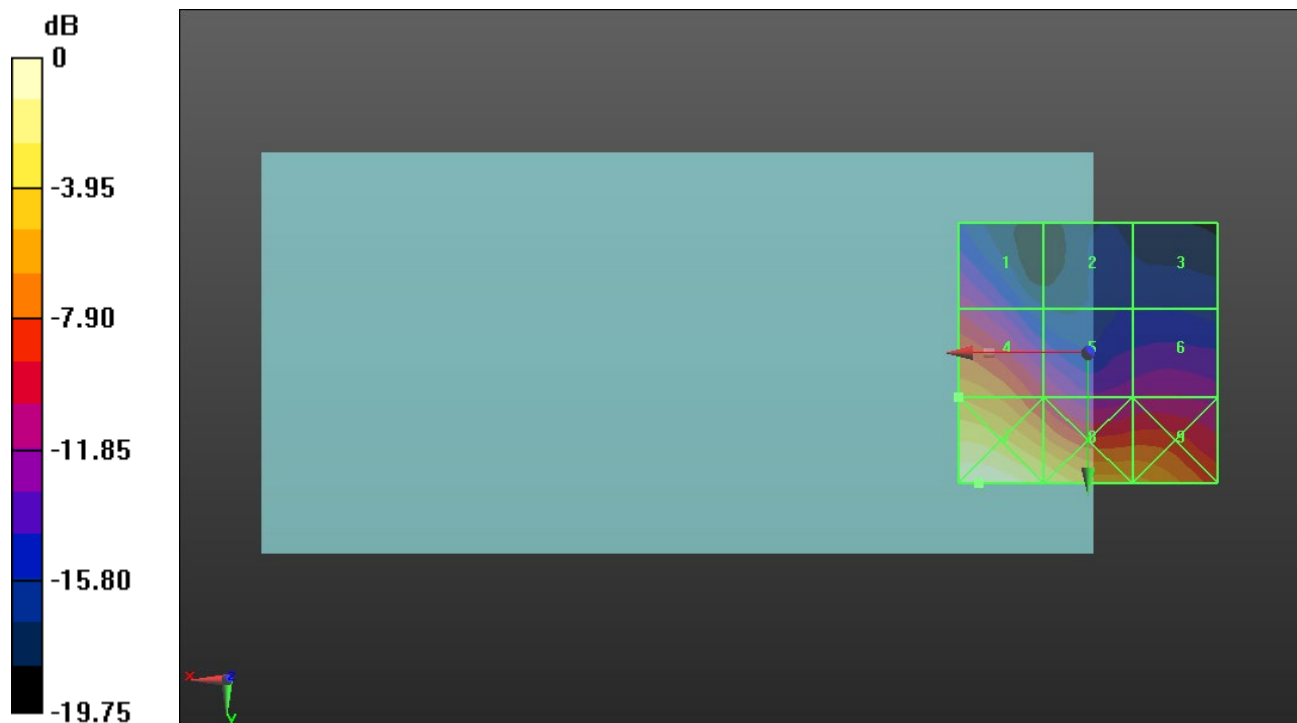
Applied MIF = -1.44 dB

RF audio interference level = 27.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.67 dBV/m	Grid 2 M4 16.65 dBV/m	Grid 3 M4 16.71 dBV/m
Grid 4 M4 27.06 dBV/m	Grid 5 M4 22.44 dBV/m	Grid 6 M4 20.8 dBV/m
Grid 7 M3 32.36 dBV/m	Grid 8 M3 30.12 dBV/m	Grid 9 M4 27.71 dBV/m



0 dB = 41.50 V/m = 32.36 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 = 15.43 V/m; Power Drift = -0.05 dB

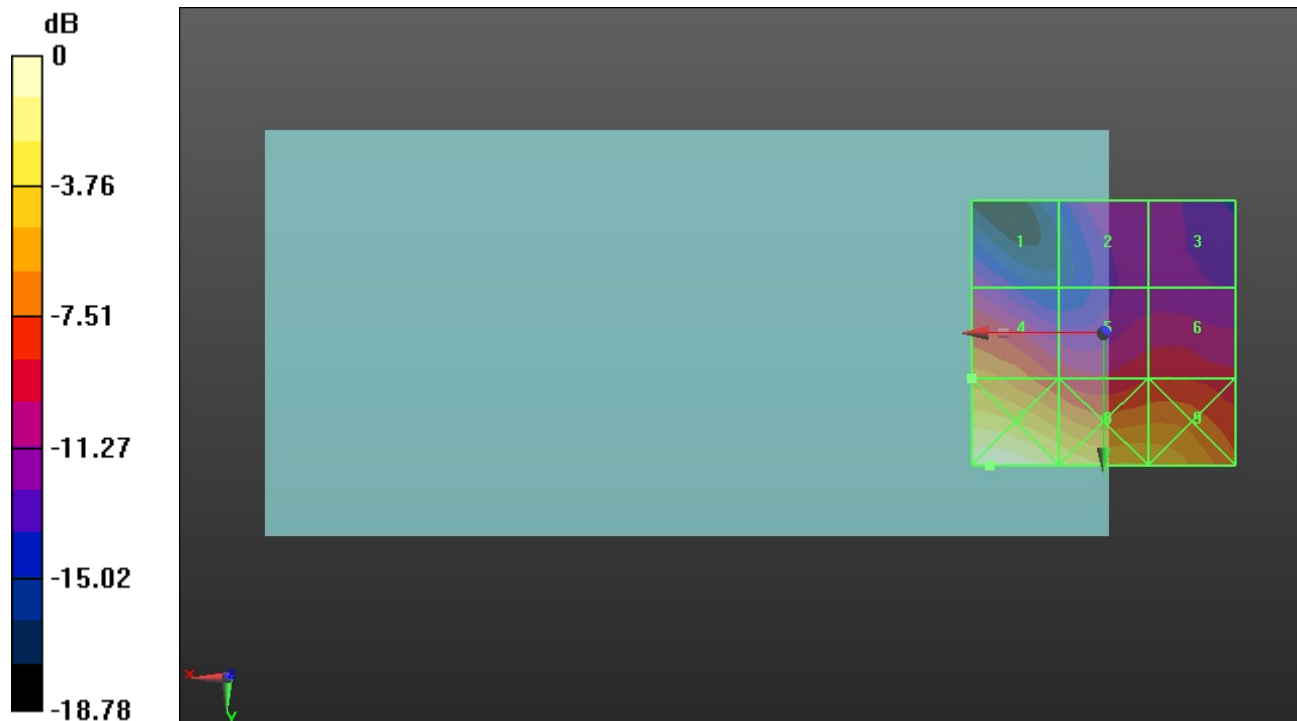
Applied MIF = -1.44 dB

RF audio interference level = 26.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.51 dBV/m	Grid 2 M4 20.38 dBV/m	Grid 3 M4 20.08 dBV/m
Grid 4 M4 26.23 dBV/m	Grid 5 M4 23.01 dBV/m	Grid 6 M4 23.12 dBV/m
Grid 7 M3 31.78 dBV/m	Grid 8 M4 29.82 dBV/m	Grid 9 M4 28.15 dBV/m



0 dB = 38.83 V/m = 31.78 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 = 22.70 V/m; Power Drift = -0.04 dB

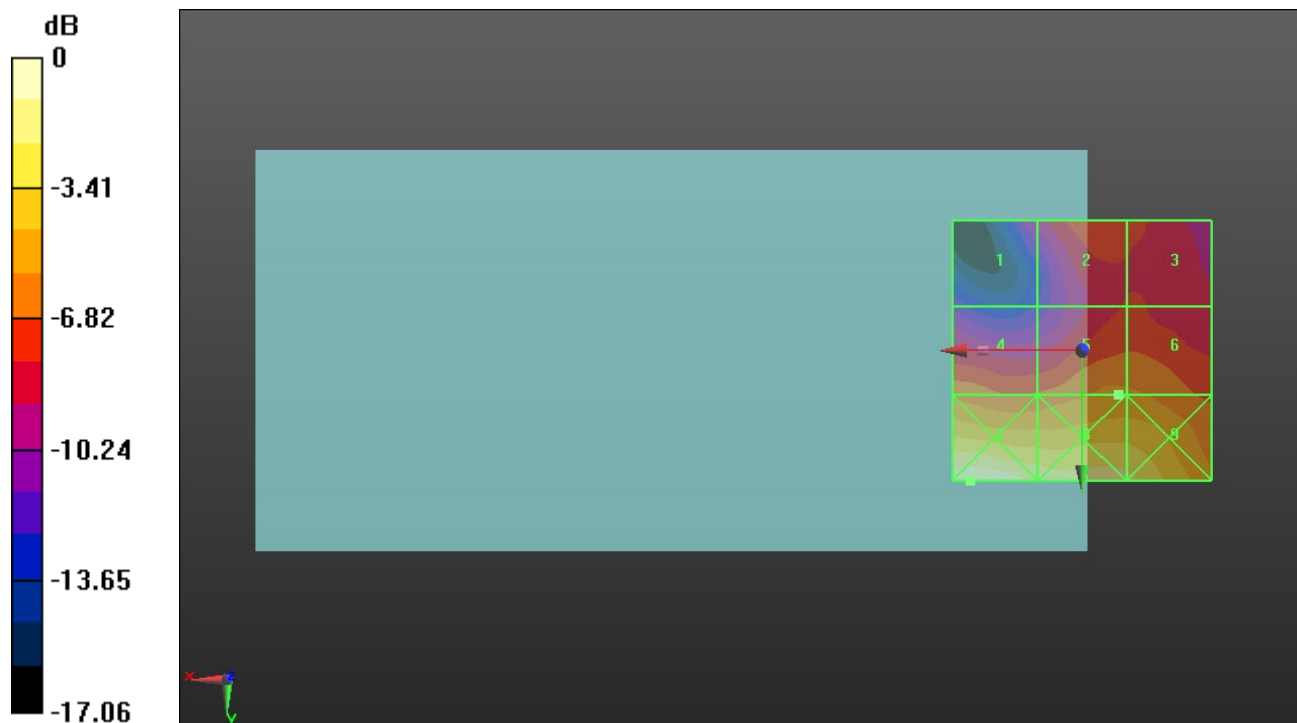
Applied MIF = -1.44 dB

RF audio interference level = 25.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.19 dBV/m	Grid 2 M4 23.61 dBV/m	Grid 3 M4 23.28 dBV/m
Grid 4 M4 24.87 dBV/m	Grid 5 M4 25.36 dBV/m	Grid 6 M4 25.32 dBV/m
Grid 7 M3 30.8 dBV/m	Grid 8 M4 29.48 dBV/m	Grid 9 M4 28.93 dBV/m



0 dB = 34.67 V/m = 30.80 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 = 26.16 V/m; Power Drift = -0.17 dB

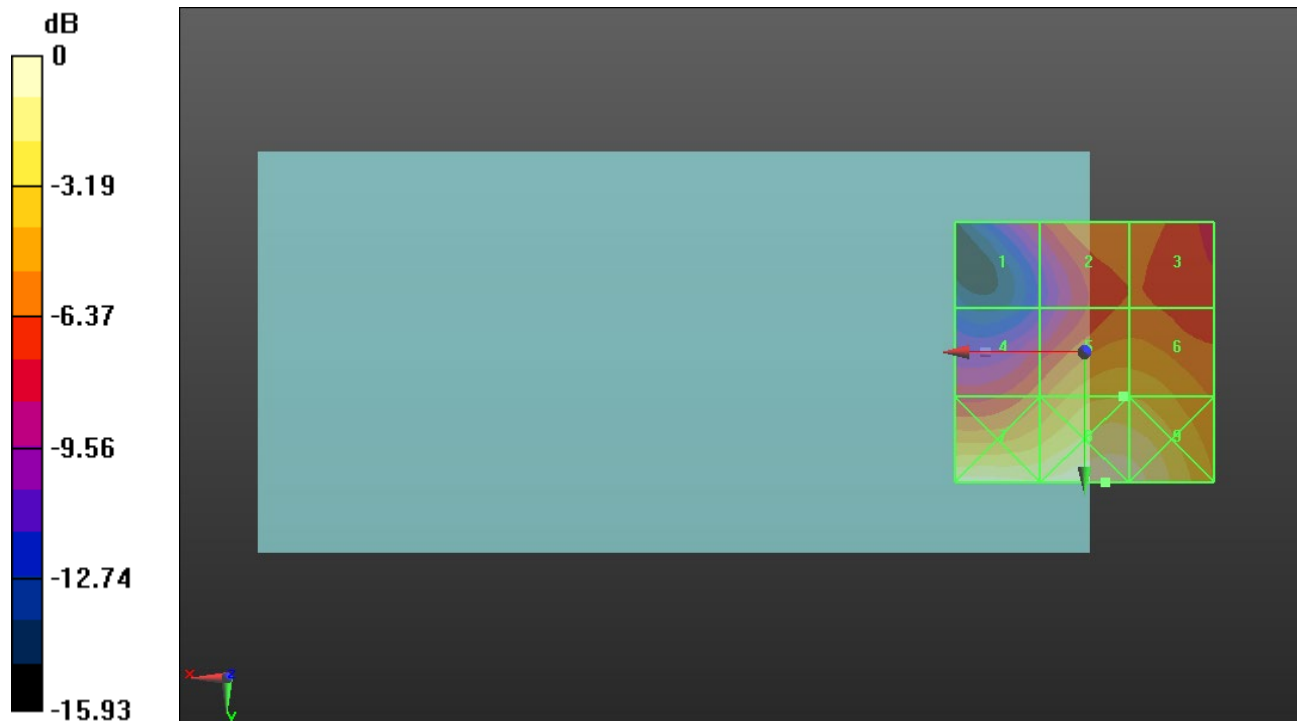
Applied MIF = -1.44 dB

RF audio interference level = 26.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.85 dBV/m	Grid 2 M4 24.06 dBV/m	Grid 3 M4 23.74 dBV/m
Grid 4 M4 23.81 dBV/m	Grid 5 M4 26.24 dBV/m	Grid 6 M4 26.23 dBV/m
Grid 7 M4 29.05 dBV/m	Grid 8 M4 29.43 dBV/m	Grid 9 M4 28.99 dBV/m



0 dB = 29.61 V/m = 29.43 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 = 35.30 V/m; Power Drift = -0.17 dB

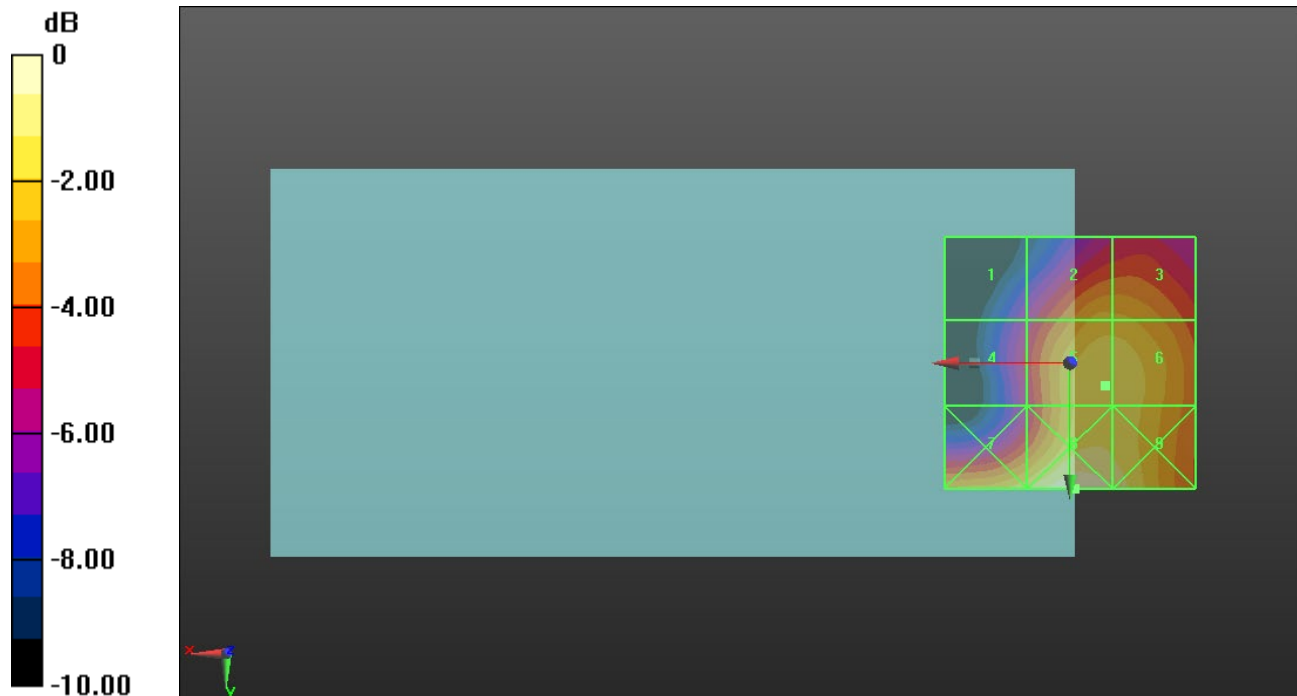
Applied MIF = -1.44 dB

RF audio interference level = 27.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.33 dBV/m	Grid 2 M4 26.74 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 24.16 dBV/m	Grid 5 M4 27.7 dBV/m	Grid 6 M4 27.68 dBV/m
Grid 7 M4 27.81 dBV/m	Grid 8 M4 29.12 dBV/m	Grid 9 M4 28.37 dBV/m



0 dB = 28.58 V/m = 29.12 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 = 30.36 V/m; Power Drift = -0.38 dB

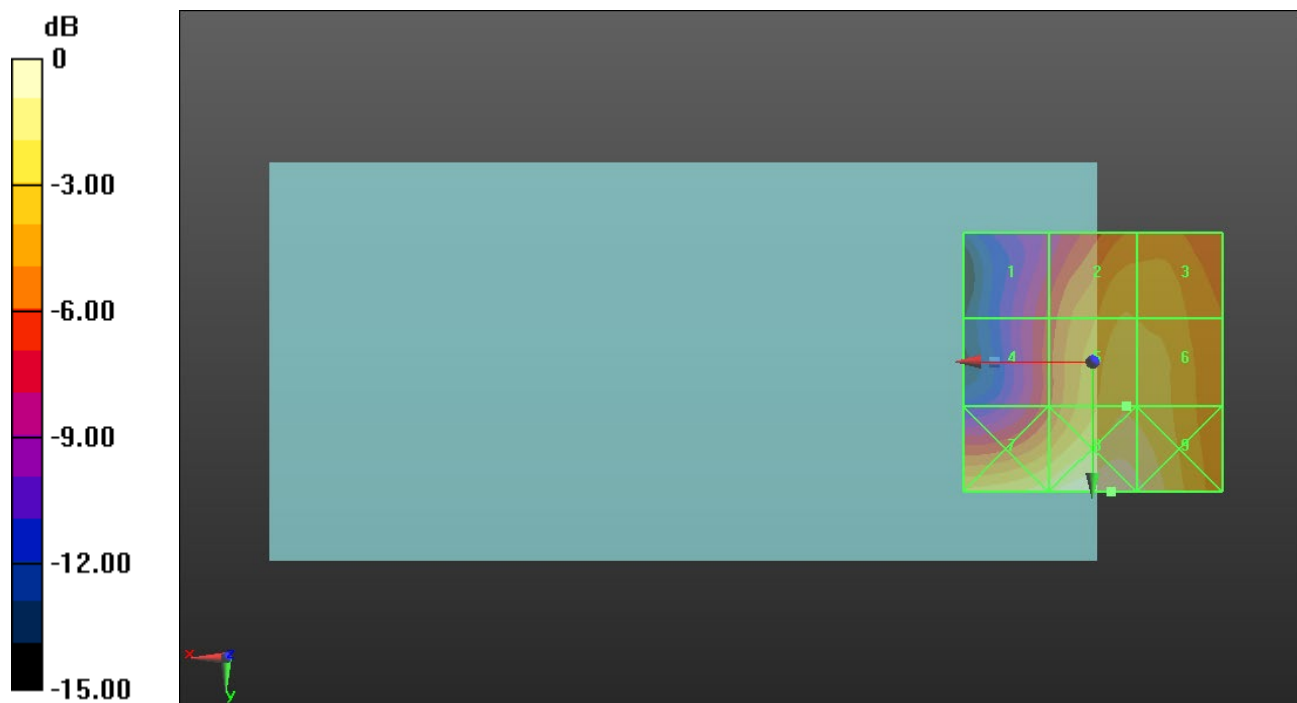
Applied MIF = -1.44 dB

RF audio interference level = 26.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.33 dBV/m	Grid 2 M4 26.13 dBV/m	Grid 3 M4 26.03 dBV/m
Grid 4 M4 22.83 dBV/m	Grid 5 M4 26.97 dBV/m	Grid 6 M4 26.85 dBV/m
Grid 7 M4 27.77 dBV/m	Grid 8 M4 29.05 dBV/m	Grid 9 M4 28.44 dBV/m



0 dB = 28.33 V/m = 29.04 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 = 27.76 V/m; Power Drift = -0.01 dB

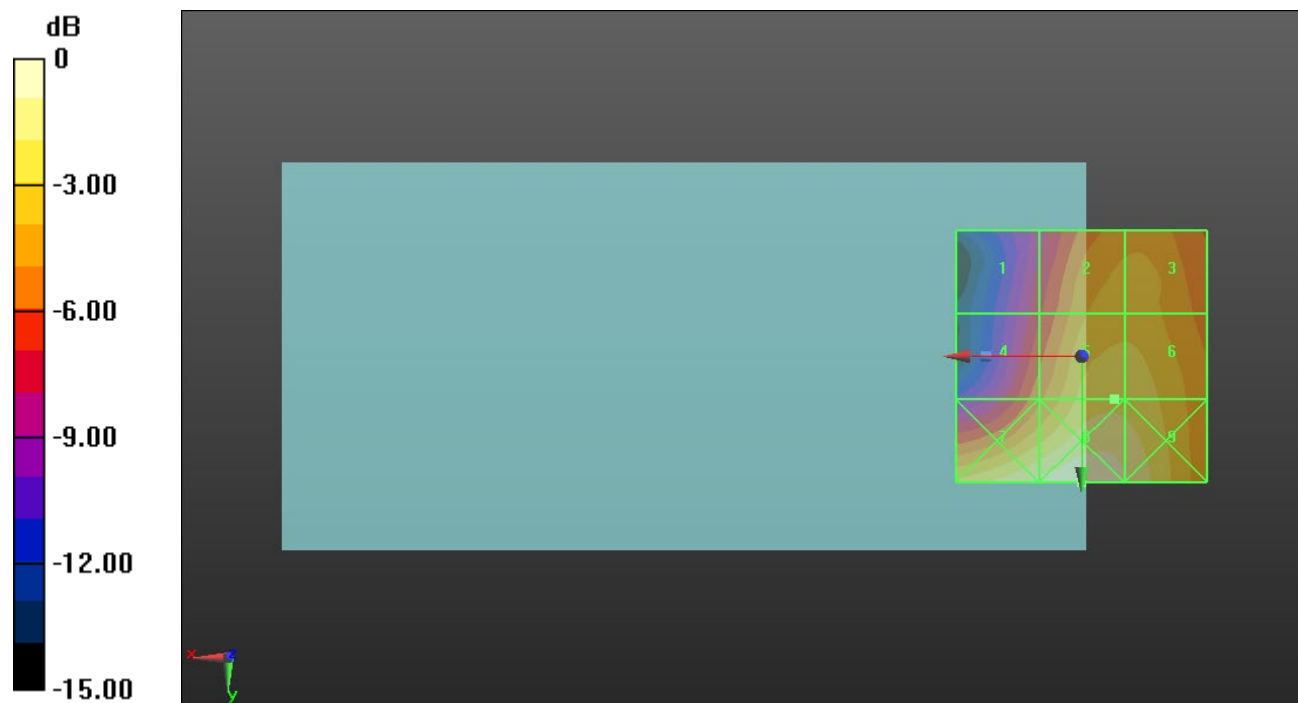
Applied MIF = -1.44 dB

RF audio interference level = 26.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.46 dBV/m	Grid 2 M4 25.3 dBV/m	Grid 3 M4 25.31 dBV/m
Grid 4 M4 23.41 dBV/m	Grid 5 M4 26.43 dBV/m	Grid 6 M4 26.37 dBV/m
Grid 7 M4 27.97 dBV/m	Grid 8 M4 28.64 dBV/m	Grid 9 M4 27.81 dBV/m



0 dB = 27.02 V/m = 28.63 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 = 29.76 V/m; Power Drift = -0.03 dB

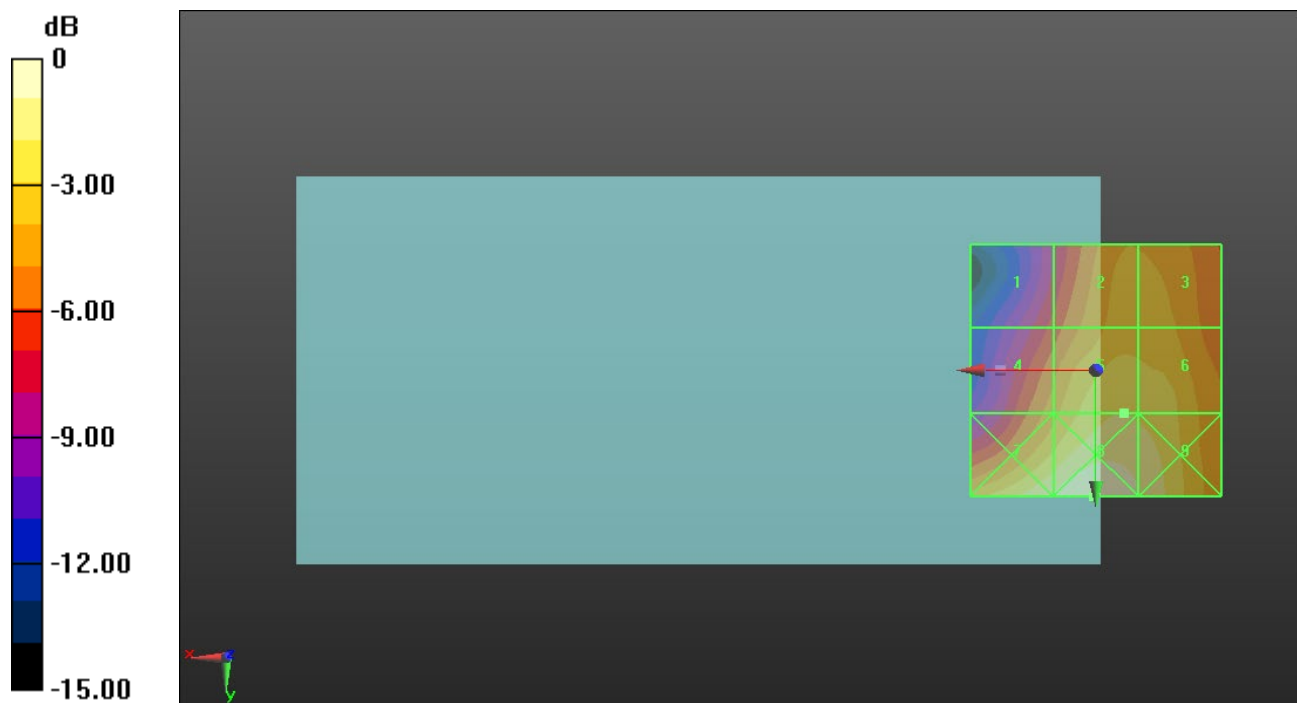
Applied MIF = -1.44 dB

RF audio interference level = 26.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.3 dBV/m	Grid 2 M4 25.43 dBV/m	Grid 3 M4 25.36 dBV/m
Grid 4 M4 24.54 dBV/m	Grid 5 M4 26.88 dBV/m	Grid 6 M4 26.74 dBV/m
Grid 7 M4 28.09 dBV/m	Grid 8 M4 28.85 dBV/m	Grid 9 M4 27.92 dBV/m



0 dB = 27.71 V/m = 28.85 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 = 22.02 V/m; Power Drift = -0.00 dB

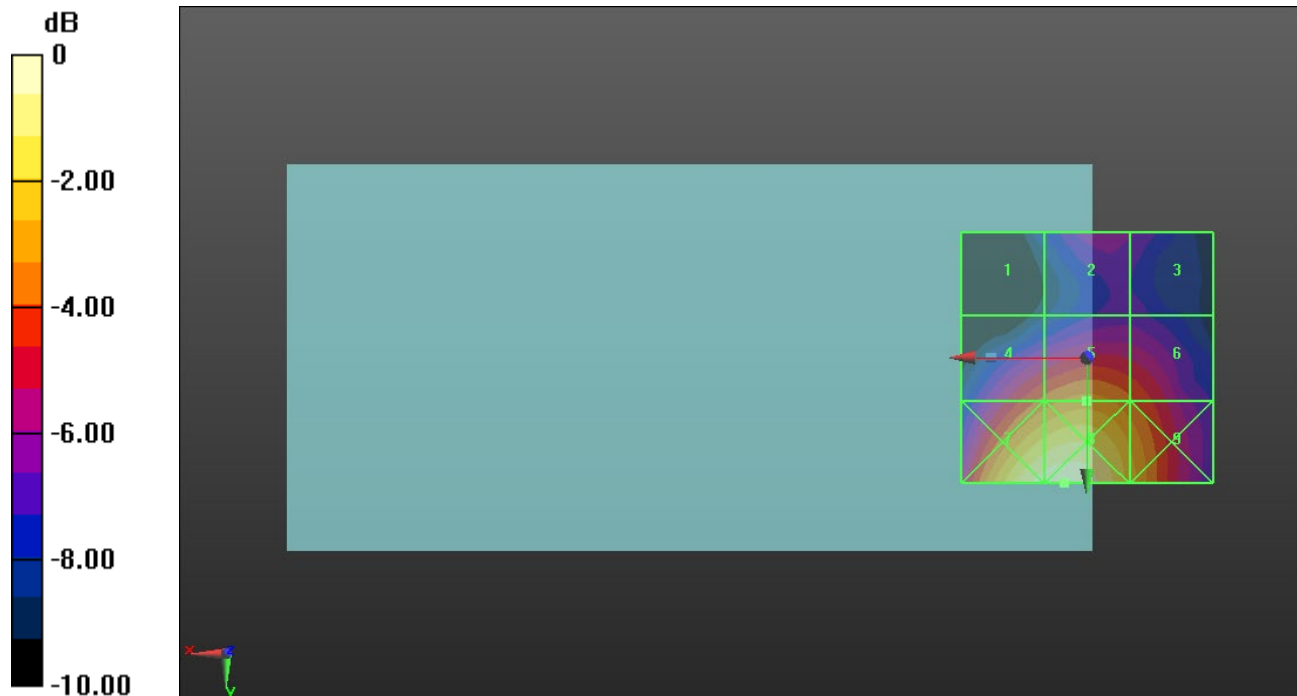
Applied MIF = -2.02 dB

RF audio interference level = 24.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.87 dBV/m	Grid 2 M4 21.52 dBV/m	Grid 3 M4 21.22 dBV/m
Grid 4 M4 23.97 dBV/m	Grid 5 M4 24.68 dBV/m	Grid 6 M4 23.87 dBV/m
Grid 7 M4 27.49 dBV/m	Grid 8 M4 27.72 dBV/m	Grid 9 M4 25.44 dBV/m



0 dB = 24.31 V/m = 27.72 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 = 25.43 V/m; Power Drift = -0.07 dB

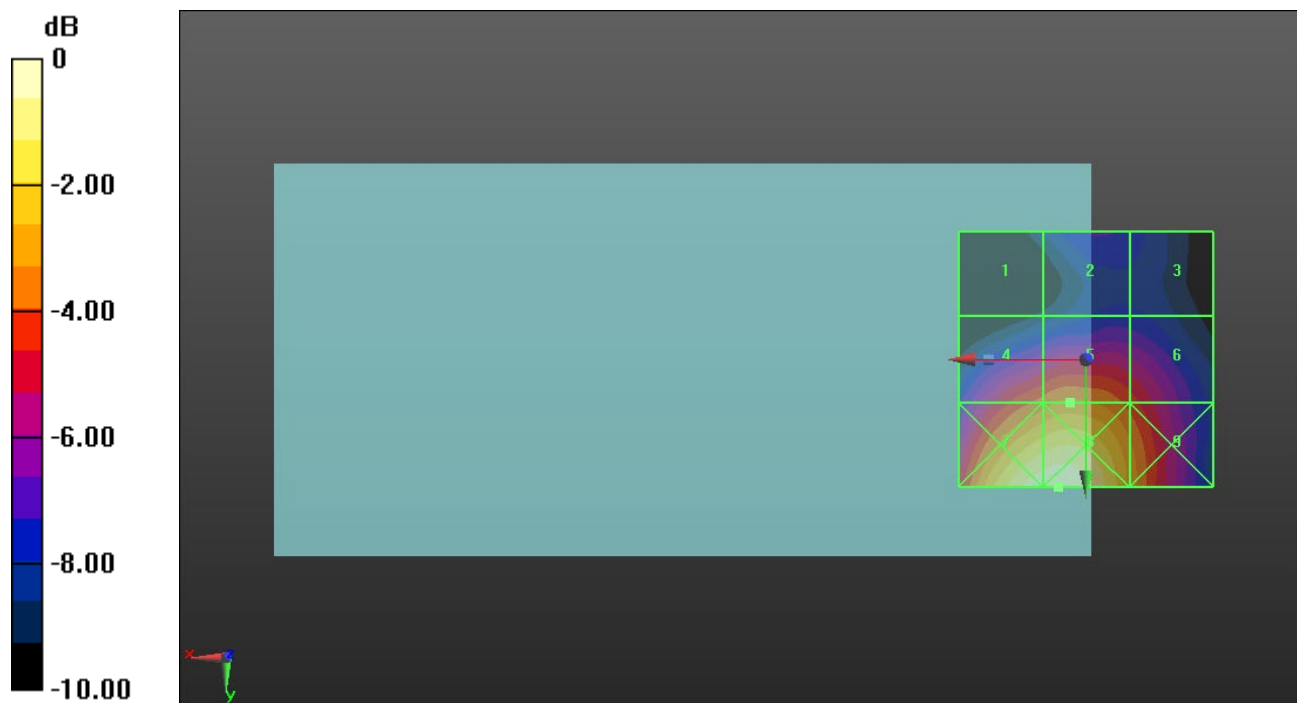
Applied MIF = -2.02 dB

RF audio interference level = 26.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.63 dBV/m	Grid 2 M4 21.99 dBV/m	Grid 3 M4 21.63 dBV/m
Grid 4 M4 25.54 dBV/m	Grid 5 M4 26.04 dBV/m	Grid 6 M4 24.94 dBV/m
Grid 7 M4 29.07 dBV/m	Grid 8 M4 29.19 dBV/m	Grid 9 M4 26.35 dBV/m



0 dB = 28.80 V/m = 29.19 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 = 24.79 V/m; Power Drift = 0.11 dB

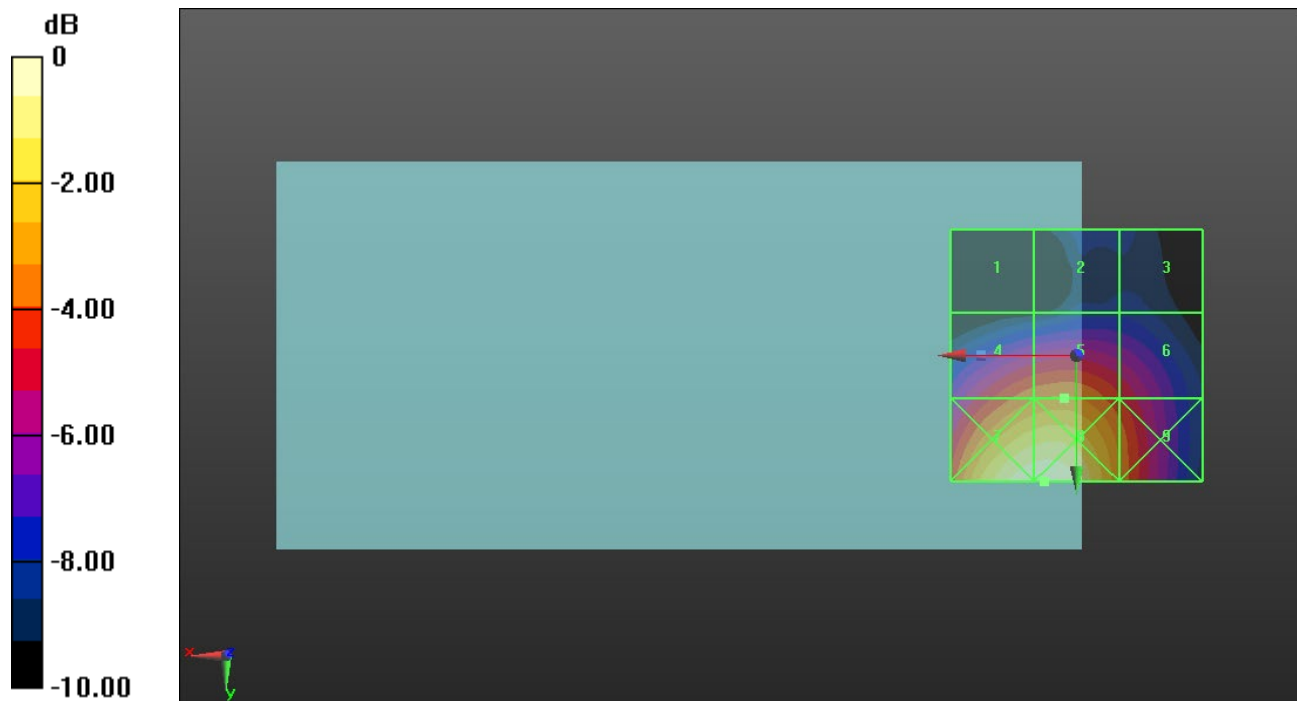
Applied MIF = -2.02 dB

RF audio interference level = 26.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.71 dBV/m	Grid 2 M4 21.12 dBV/m	Grid 3 M4 21.13 dBV/m
Grid 4 M4 25.78 dBV/m	Grid 5 M4 26.04 dBV/m	Grid 6 M4 24.69 dBV/m
Grid 7 M4 29.18 dBV/m	Grid 8 M4 29.23 dBV/m	Grid 9 M4 25.96 dBV/m



0 dB = 28.95 V/m = 29.23 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 = 20.79 V/m; Power Drift = -0.11 dB

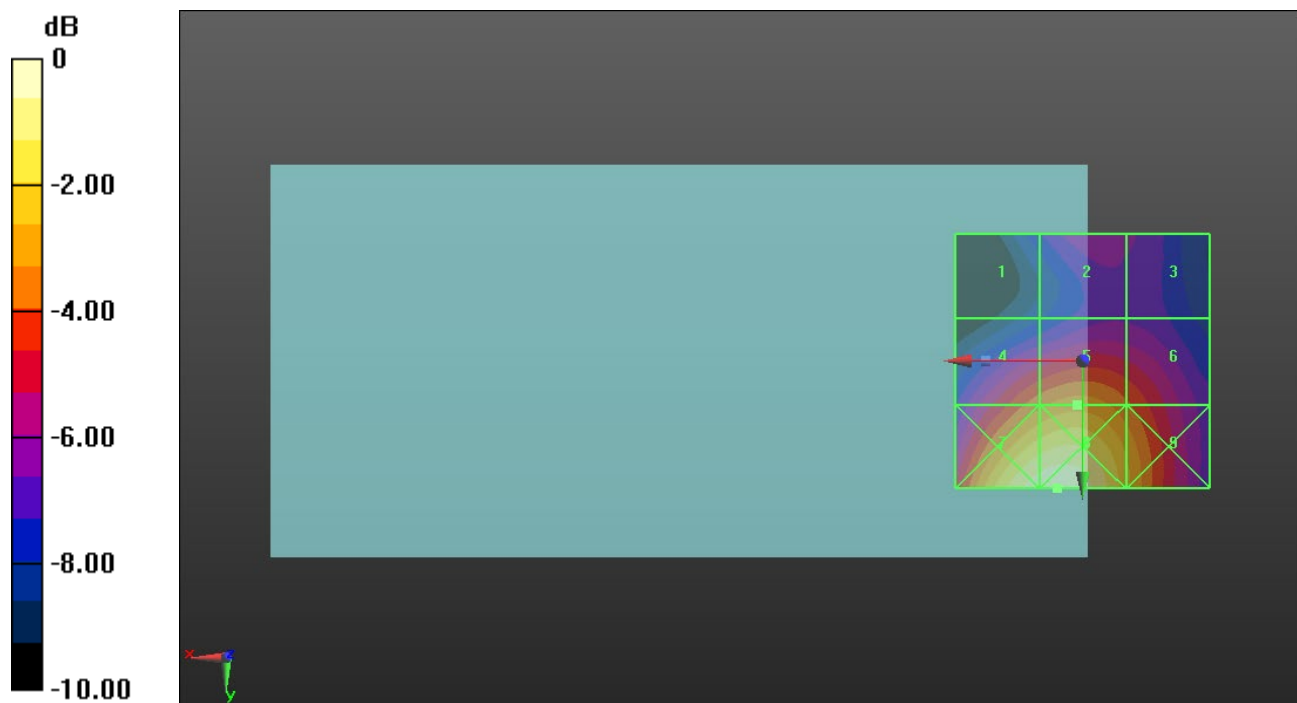
Applied MIF = 0.12 dB

RF audio interference level = 26.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.2 dBV/m	Grid 2 M4 23.47 dBV/m	Grid 3 M4 23.14 dBV/m
Grid 4 M4 26.03 dBV/m	Grid 5 M4 26.6 dBV/m	Grid 6 M4 25.72 dBV/m
Grid 7 M4 29.38 dBV/m	Grid 8 M4 29.55 dBV/m	Grid 9 M4 27.16 dBV/m



0 dB = 30.03 V/m = 29.55 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 = 23.31 V/m; Power Drift = 0.00 dB

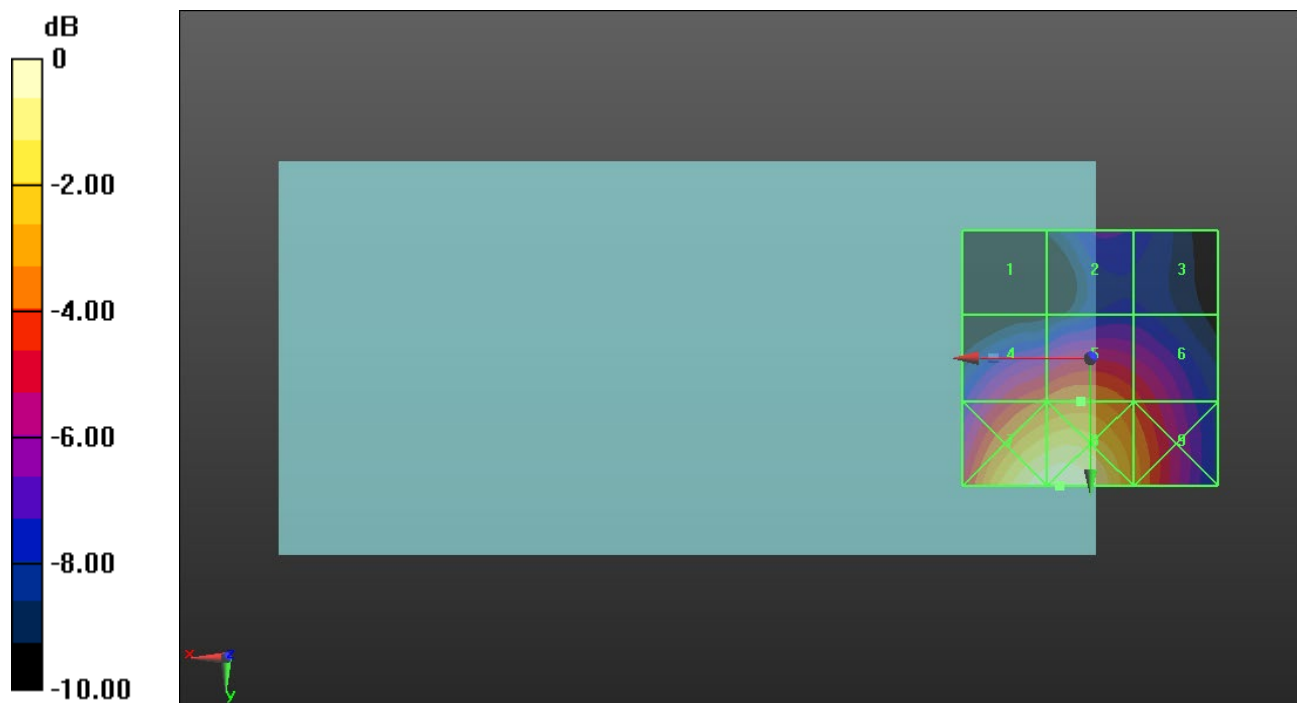
Applied MIF = 0.12 dB

RF audio interference level = 27.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.61 dBV/m	Grid 2 M4 23.64 dBV/m	Grid 3 M4 23.27 dBV/m
Grid 4 M4 27.03 dBV/m	Grid 5 M4 27.58 dBV/m	Grid 6 M4 26.48 dBV/m
Grid 7 M3 30.64 dBV/m	Grid 8 M3 30.74 dBV/m	Grid 9 M4 27.87 dBV/m



0 dB = 34.44 V/m = 30.74 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 = 24.85 V/m; Power Drift = -0.02 dB

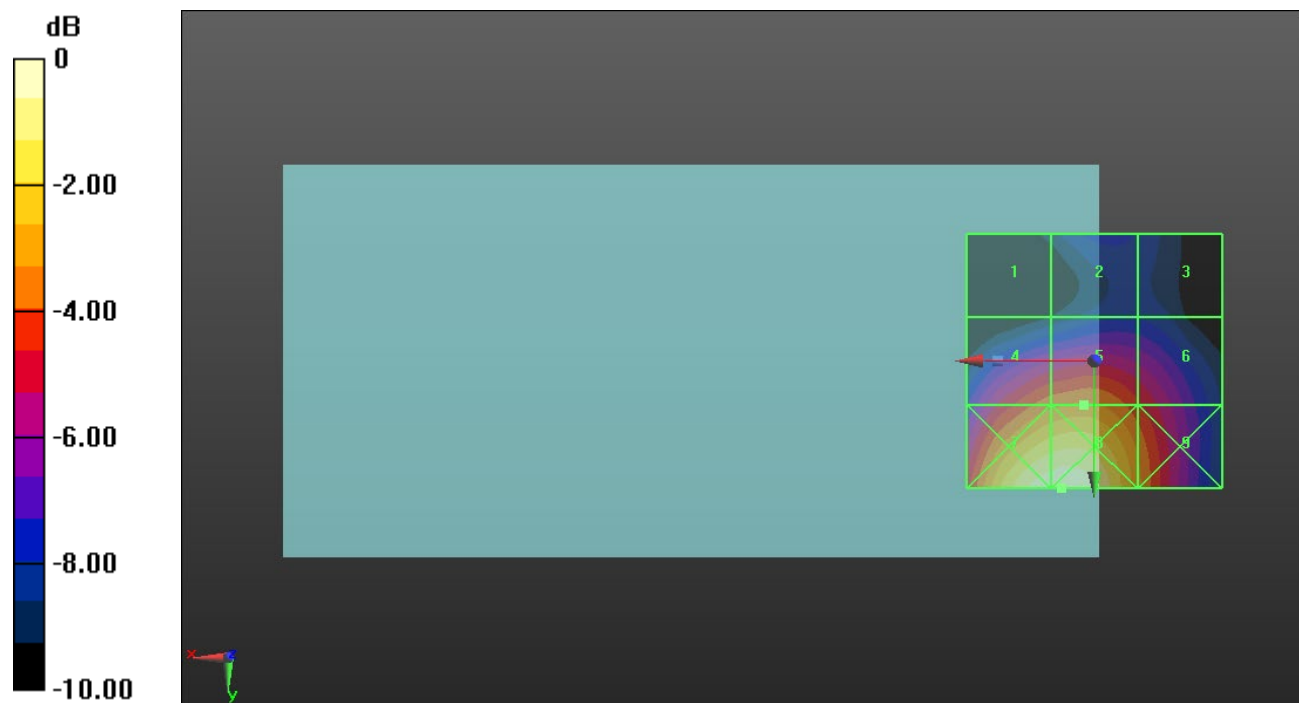
Applied MIF = 0.12 dB

RF audio interference level = 28.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.6 dBV/m	Grid 2 M4 23.77 dBV/m	Grid 3 M4 23.43 dBV/m
Grid 4 M4 27.87 dBV/m	Grid 5 M4 28.2 dBV/m	Grid 6 M4 26.92 dBV/m
Grid 7 M3 31.34 dBV/m	Grid 8 M3 31.41 dBV/m	Grid 9 M4 28.3 dBV/m



0 dB = 37.21 V/m = 31.41 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 = 4.397 V/m; Power Drift = -0.66 dB

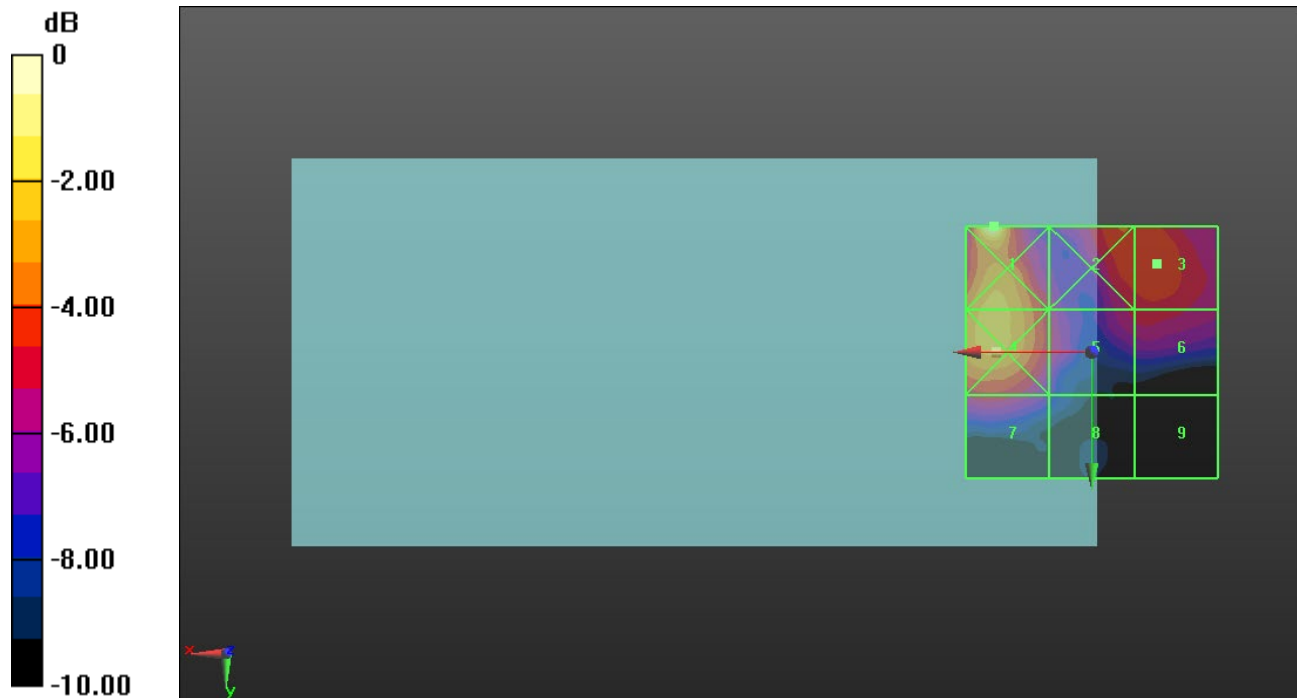
Applied MIF = -3.15 dB

RF audio interference level = 12.99 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.05 dBV/m	Grid 2 M4 13.12 dBV/m	Grid 3 M4 12.99 dBV/m
Grid 4 M4 14.94 dBV/m	Grid 5 M4 12.04 dBV/m	Grid 6 M4 12.2 dBV/m
Grid 7 M4 12.26 dBV/m	Grid 8 M4 10.08 dBV/m	Grid 9 M4 7.67 dBV/m



0 dB = 7.122 V/m = 17.05 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 = 4.612 V/m; Power Drift = -0.35 dB

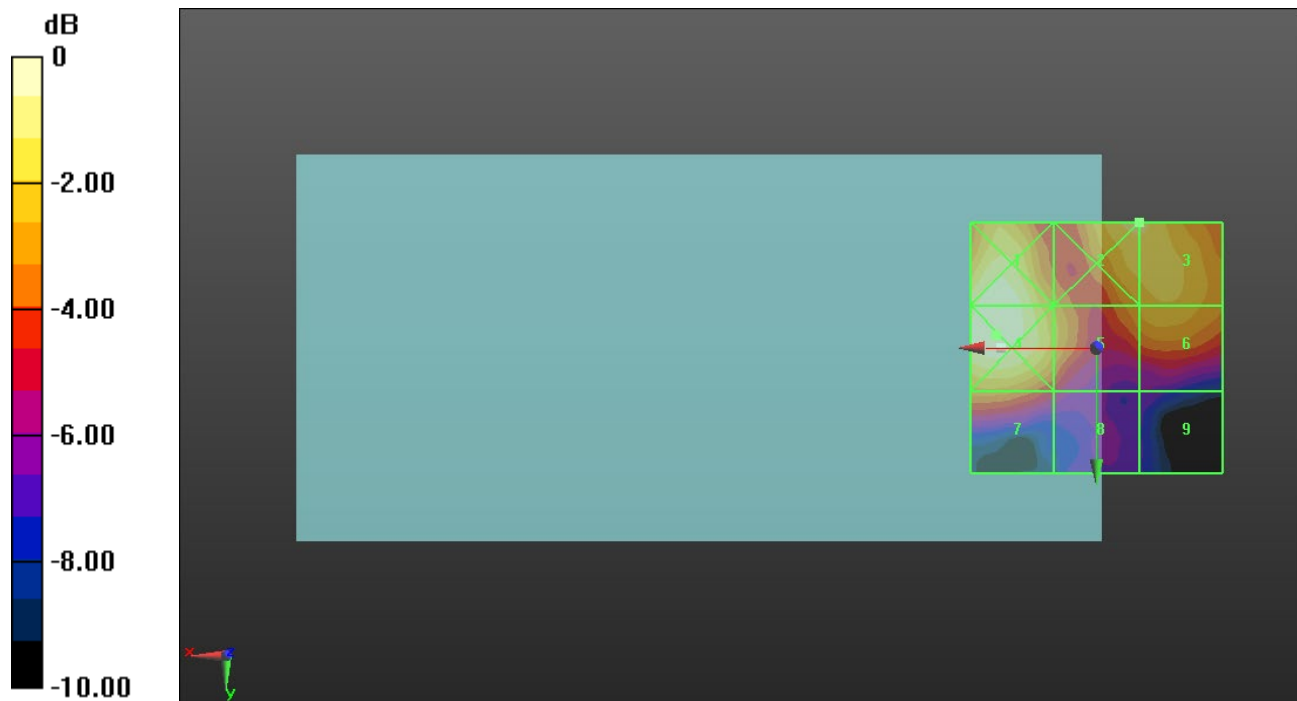
Applied MIF = -3.15 dB

RF audio interference level = 14.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.02 dBV/m	Grid 2 M4 14.08 dBV/m	Grid 3 M4 14.04 dBV/m
Grid 4 M4 15.2 dBV/m	Grid 5 M4 12.94 dBV/m	Grid 6 M4 13.16 dBV/m
Grid 7 M4 12.39 dBV/m	Grid 8 M4 10.28 dBV/m	Grid 9 M4 8.59 dBV/m



0 dB = 5.757 V/m = 15.20 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 = 4.669 V/m; Power Drift = -0.49 dB

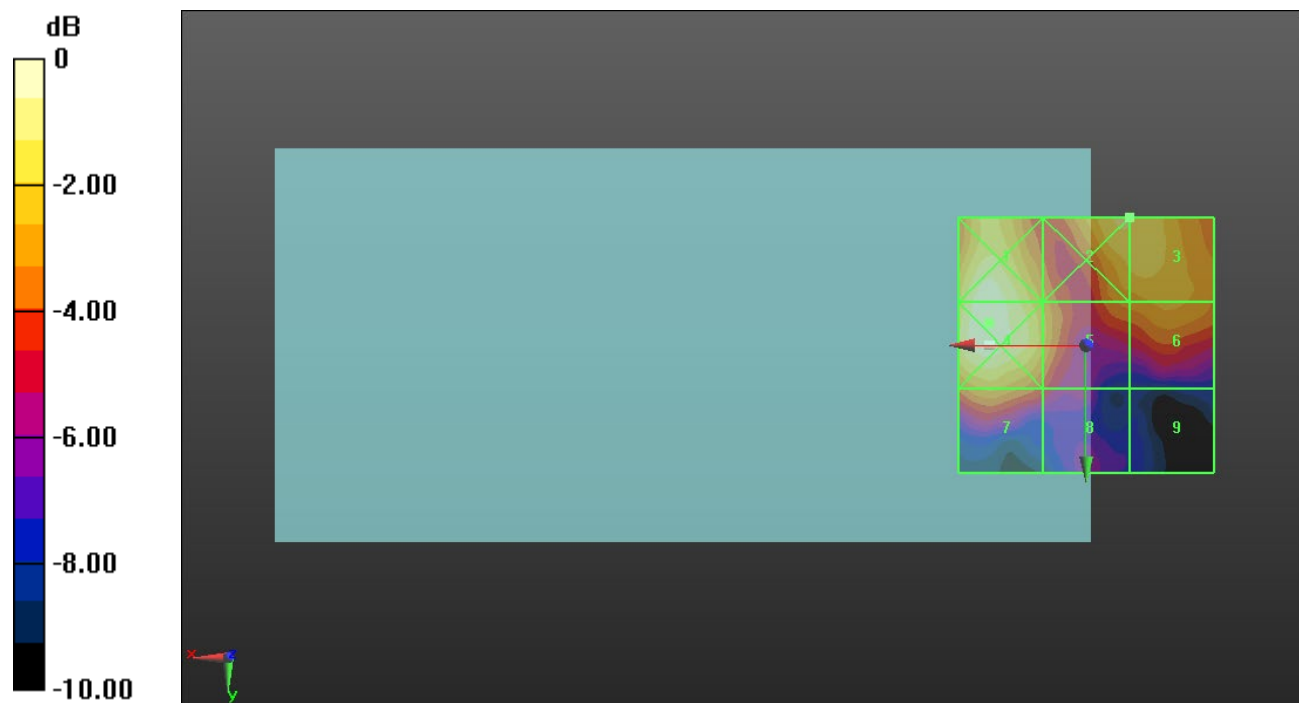
Applied MIF = -3.15 dB

RF audio interference level = 14.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.33 dBV/m	Grid 2 M4 14.28 dBV/m	Grid 3 M4 14.19 dBV/m
Grid 4 M4 15.45 dBV/m	Grid 5 M4 13.1 dBV/m	Grid 6 M4 12.92 dBV/m
Grid 7 M4 12.95 dBV/m	Grid 8 M4 11.04 dBV/m	Grid 9 M4 8.1 dBV/m



0 dB = 5.922 V/m = 15.45 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 = 4.754 V/m; Power Drift = -0.17 dB

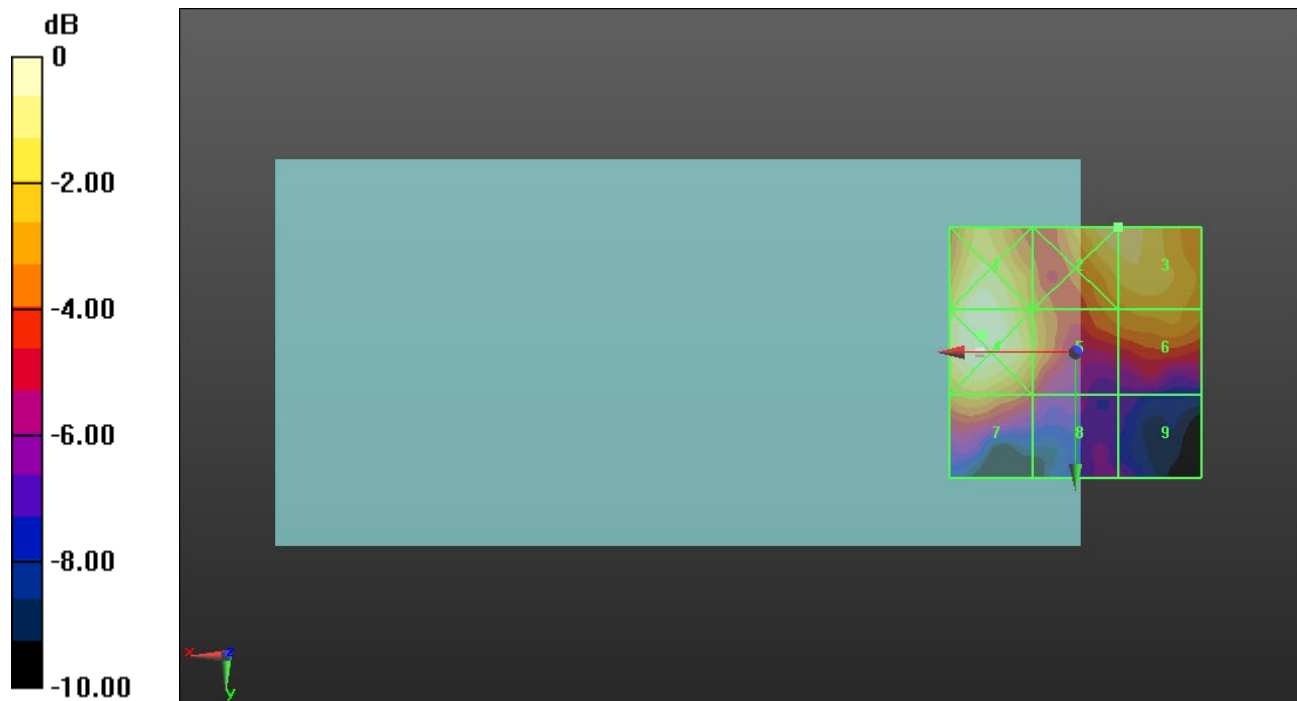
Applied MIF = -3.15 dB

RF audio interference level = 14.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.86 dBV/m	Grid 2 M4 14.09 dBV/m	Grid 3 M4 14 dBV/m
Grid 4 M4 15.02 dBV/m	Grid 5 M4 12.88 dBV/m	Grid 6 M4 12.63 dBV/m
Grid 7 M4 12.72 dBV/m	Grid 8 M4 10.32 dBV/m	Grid 9 M4 8.76 dBV/m



0 dB = 5.639 V/m = 15.02 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 = 5.168 V/m; Power Drift = -0.04 dB

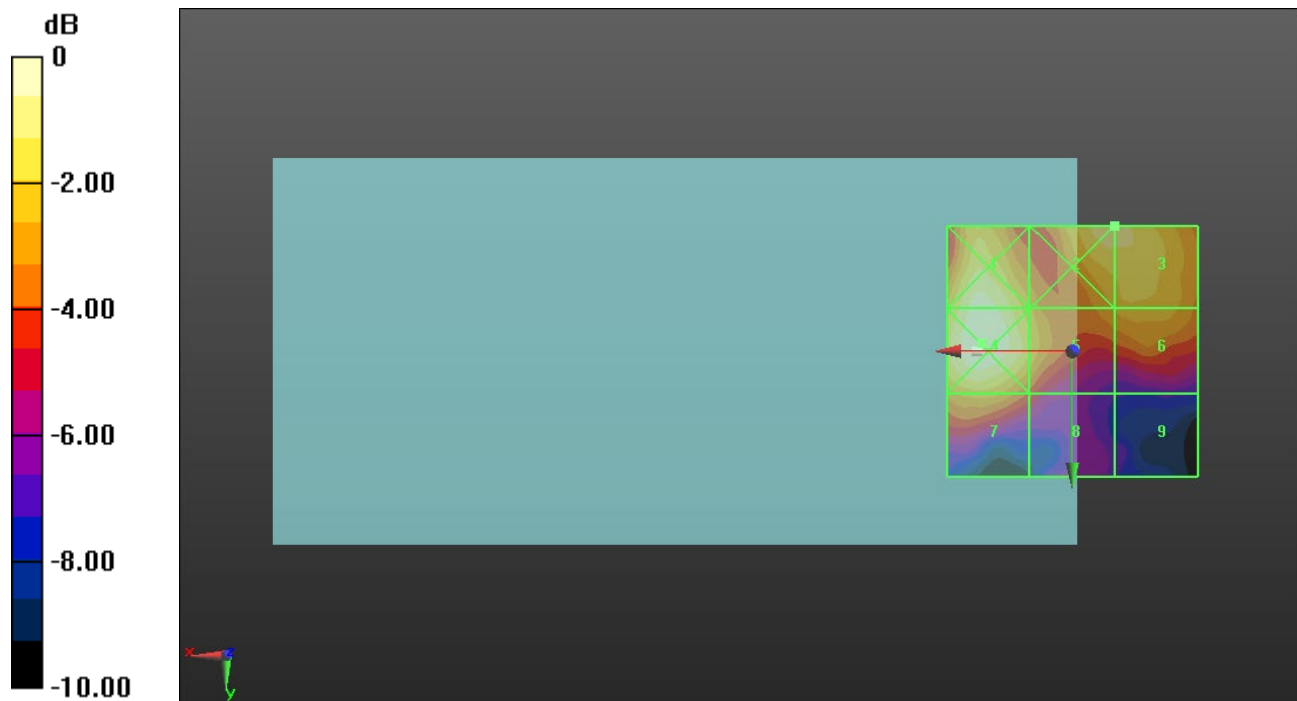
Applied MIF = -3.15 dB

RF audio interference level = 14.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.36 dBV/m	Grid 2 M4 14.67 dBV/m	Grid 3 M4 14.57 dBV/m
Grid 4 M4 15.64 dBV/m	Grid 5 M4 13.8 dBV/m	Grid 6 M4 13.45 dBV/m
Grid 7 M4 13.36 dBV/m	Grid 8 M4 11.38 dBV/m	Grid 9 M4 8.83 dBV/m



0 dB = 6.057 V/m = 15.65 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 = 5.811 V/m; Power Drift = -0.32 dB

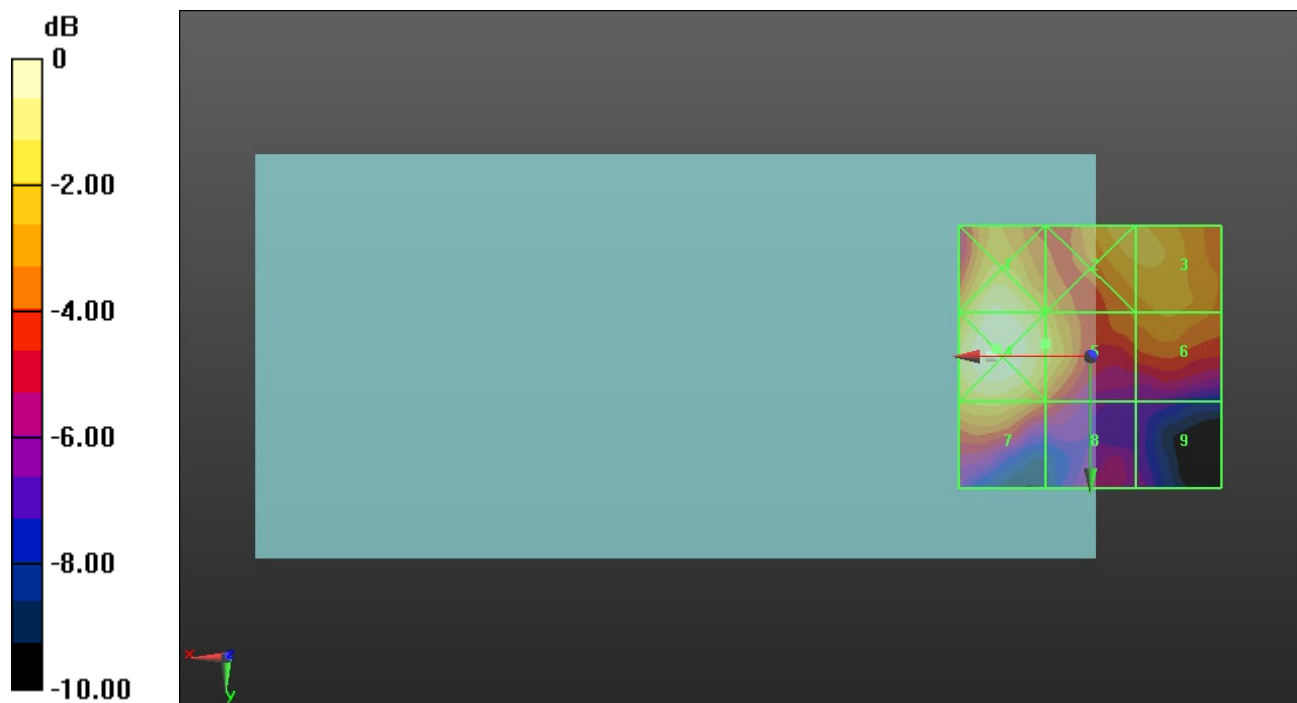
Applied MIF = -3.15 dB

RF audio interference level = 14.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.5 dBV/m	Grid 2 M4 14.34 dBV/m	Grid 3 M4 14.22 dBV/m
Grid 4 M4 16 dBV/m	Grid 5 M4 14.4 dBV/m	Grid 6 M4 13.42 dBV/m
Grid 7 M4 14.32 dBV/m	Grid 8 M4 12.11 dBV/m	Grid 9 M4 9.88 dBV/m



0 dB = 6.307 V/m = 16.00 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 = 7.077 V/m; Power Drift = -0.17 dB

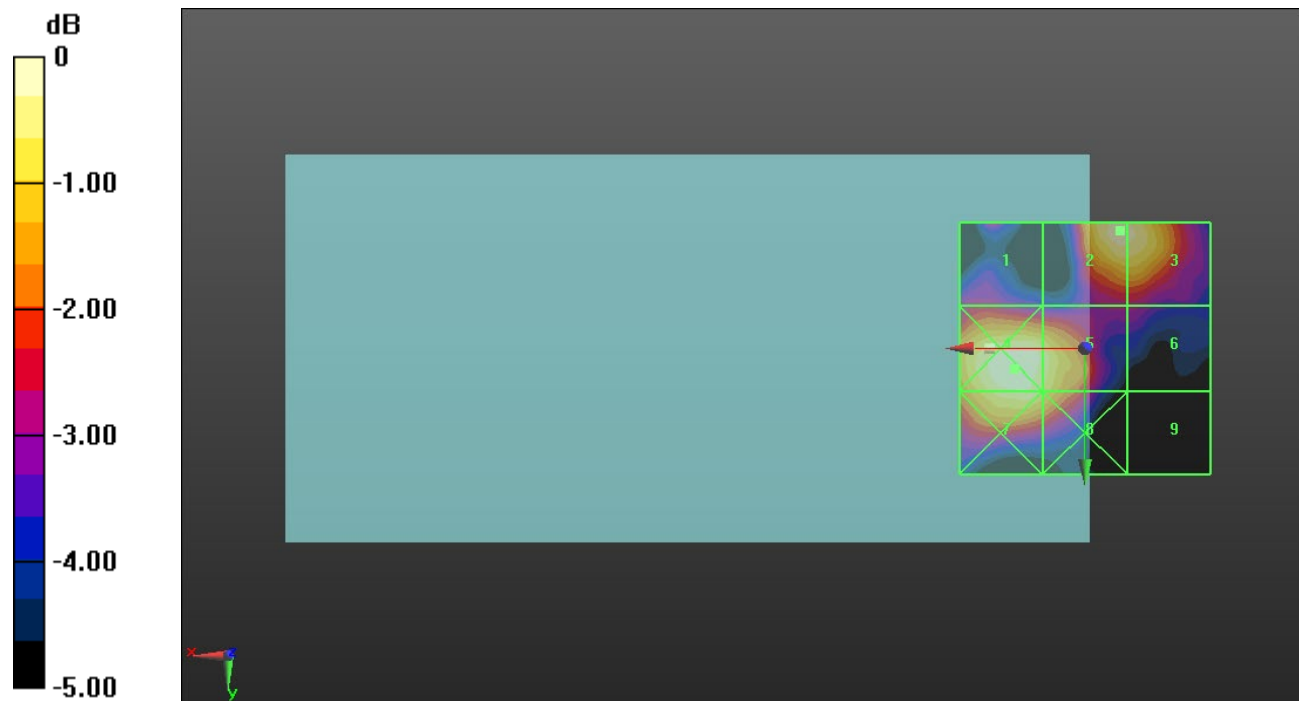
Applied MIF = -3.15 dB

RF audio interference level = 14.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.25 dBV/m	Grid 2 M4 14.79 dBV/m	Grid 3 M4 14.68 dBV/m
Grid 4 M4 14.88 dBV/m	Grid 5 M4 14.47 dBV/m	Grid 6 M4 12.08 dBV/m
Grid 7 M4 14.54 dBV/m	Grid 8 M4 14.16 dBV/m	Grid 9 M4 10.06 dBV/m



0 dB = 5.546 V/m = 14.88 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 = 5.796 V/m; Power Drift = 0.00 dB

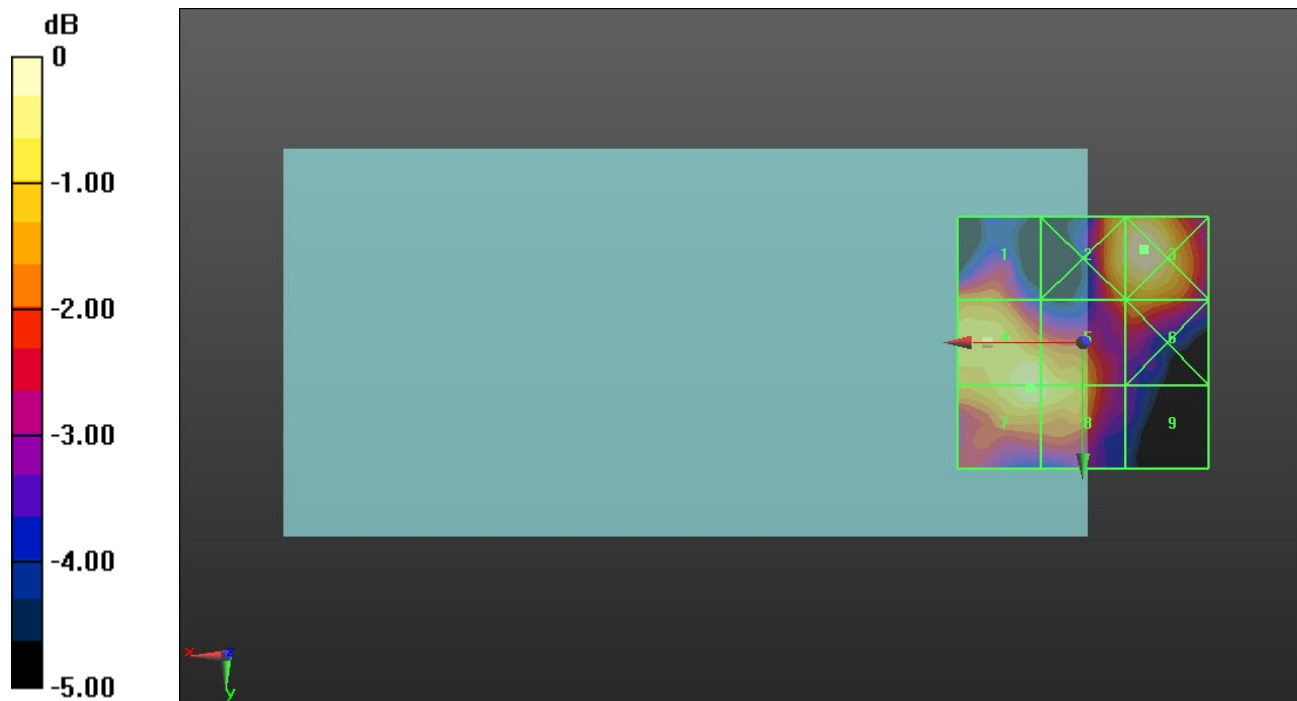
Applied MIF = -3.15 dB

RF audio interference level = 13.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.93 dBV/m	Grid 2 M4 13.04 dBV/m	Grid 3 M4 13.44 dBV/m
Grid 4 M4 13.15 dBV/m	Grid 5 M4 13.03 dBV/m	Grid 6 M4 12.03 dBV/m
Grid 7 M4 13.16 dBV/m	Grid 8 M4 13.04 dBV/m	Grid 9 M4 10.2 dBV/m



0 dB = 4.698 V/m = 13.44 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 = 4.173 V/m; Power Drift = -0.04 dB

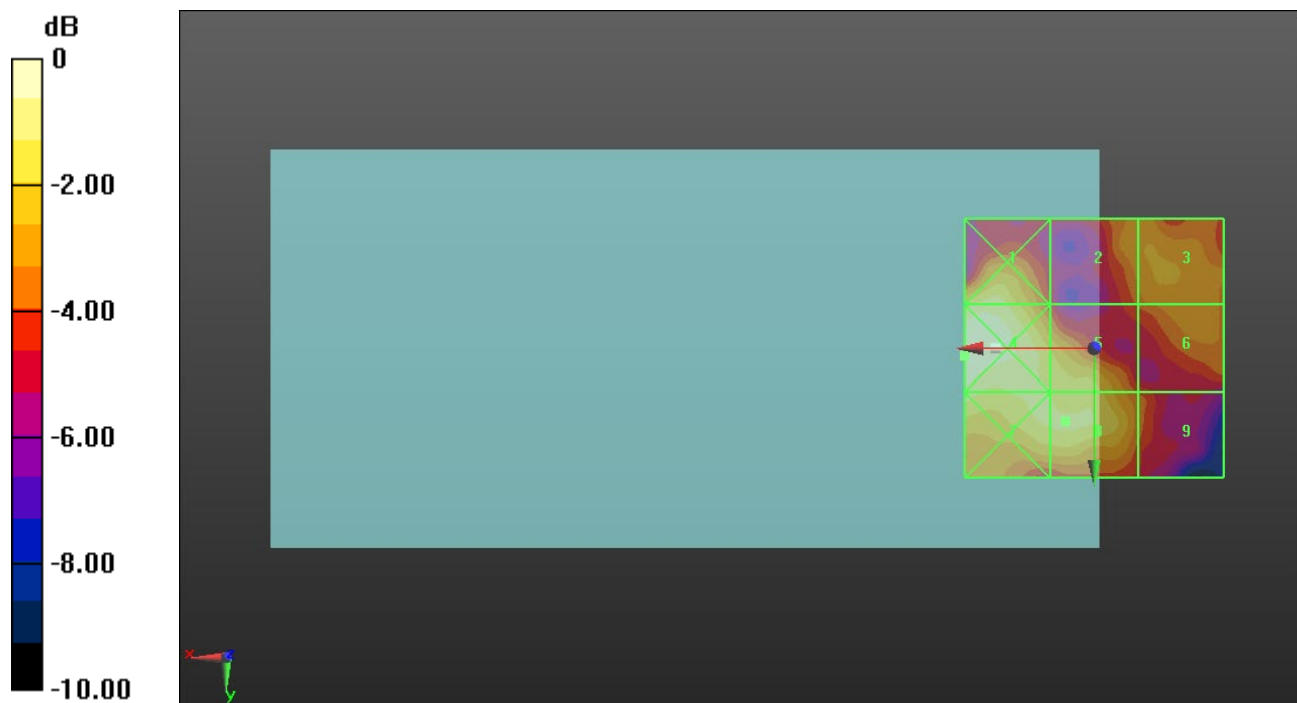
Applied MIF = -3.15 dB

RF audio interference level = 11.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.48 dBV/m	Grid 2 M4 9.61 dBV/m	Grid 3 M4 9.79 dBV/m
Grid 4 M4 12.35 dBV/m	Grid 5 M4 11.03 dBV/m	Grid 6 M4 9.57 dBV/m
Grid 7 M4 11.49 dBV/m	Grid 8 M4 11.22 dBV/m	Grid 9 M4 8.8 dBV/m



0 dB = 4.147 V/m = 12.35 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 = 4.252 V/m; Power Drift = -0.81 dB

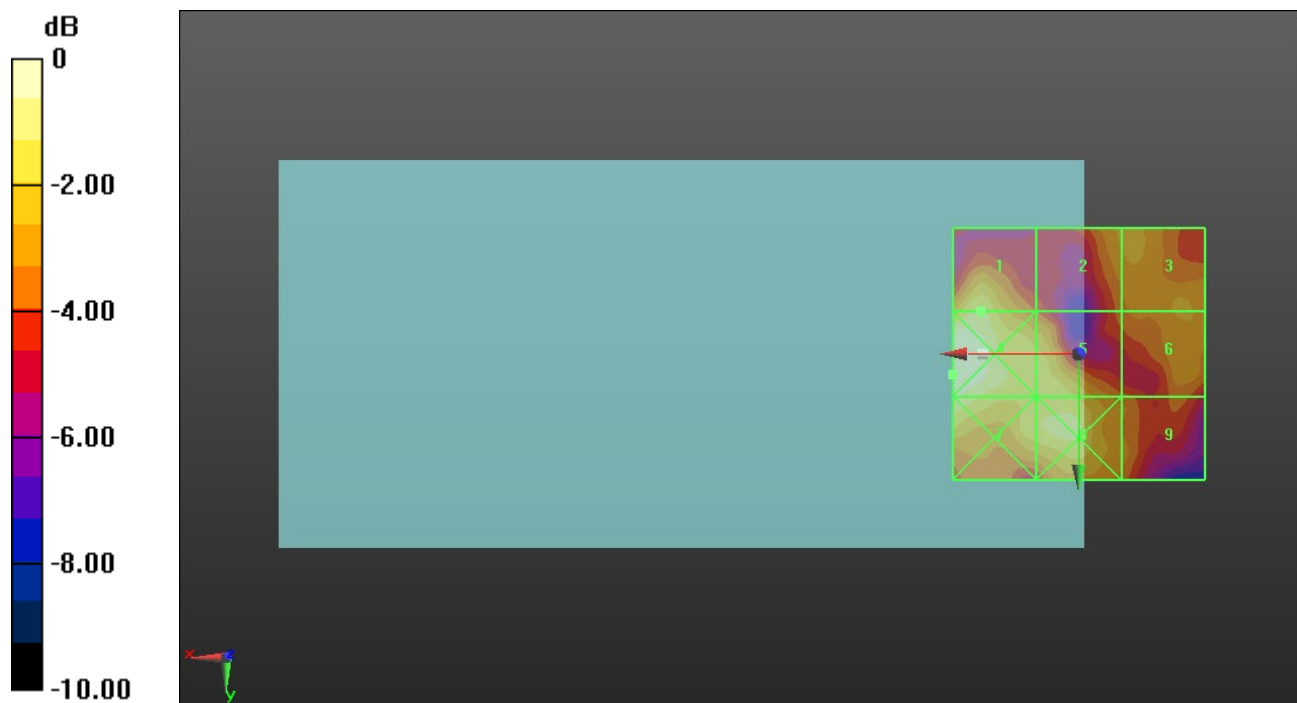
Applied MIF = -3.15 dB

RF audio interference level = 11.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.25 dBV/m	Grid 2 M4 9.82 dBV/m	Grid 3 M4 9.93 dBV/m
Grid 4 M4 12.35 dBV/m	Grid 5 M4 10.74 dBV/m	Grid 6 M4 9.82 dBV/m
Grid 7 M4 11.82 dBV/m	Grid 8 M4 11.27 dBV/m	Grid 9 M4 9.35 dBV/m



0 dB = 4.144 V/m = 12.35 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 = 3.454 V/m; Power Drift = 0.05 dB

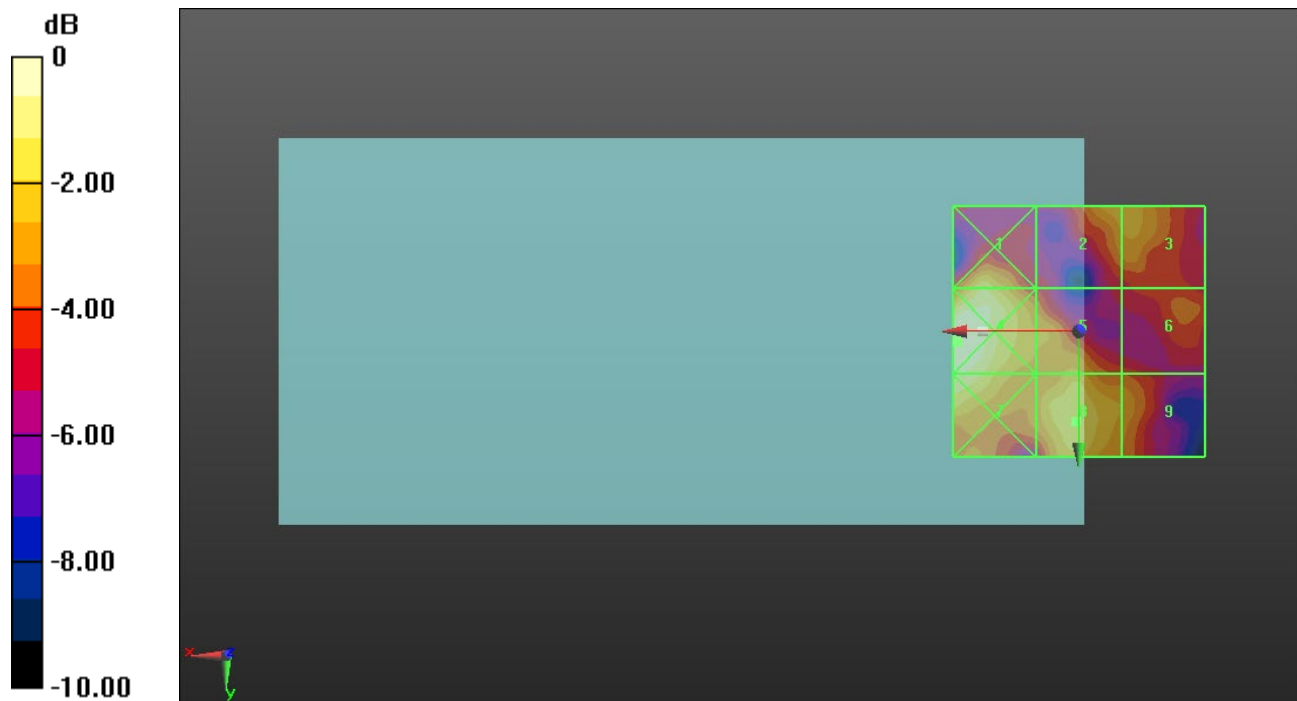
Applied MIF = -3.15 dB

RF audio interference level = 10.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.87 dBV/m	Grid 2 M4 10.14 dBV/m	Grid 3 M4 10.14 dBV/m
Grid 4 M4 12.18 dBV/m	Grid 5 M4 9.83 dBV/m	Grid 6 M4 8.42 dBV/m
Grid 7 M4 11.66 dBV/m	Grid 8 M4 10.79 dBV/m	Grid 9 M4 9.55 dBV/m



0 dB = 4.066 V/m = 12.18 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 = 3.769 V/m; Power Drift = -0.89 dB

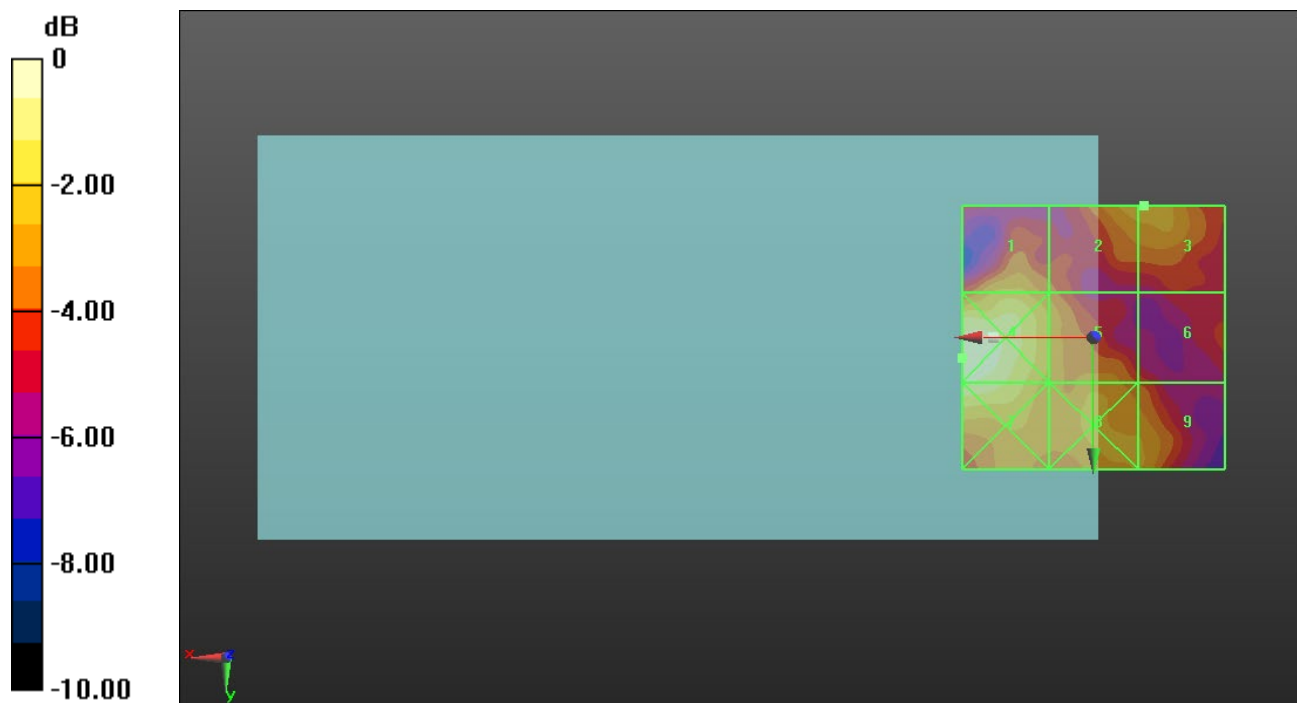
Applied MIF = -3.15 dB

RF audio interference level = 11.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.75 dBV/m	Grid 2 M4 10.97 dBV/m	Grid 3 M4 11 dBV/m
Grid 4 M4 13.09 dBV/m	Grid 5 M4 10.51 dBV/m	Grid 6 M4 9.04 dBV/m
Grid 7 M4 12.46 dBV/m	Grid 8 M4 10.89 dBV/m	Grid 9 M4 10.59 dBV/m



0 dB = 4.513 V/m = 13.09 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 = 7.403 V/m; Power Drift = 0.11 dB

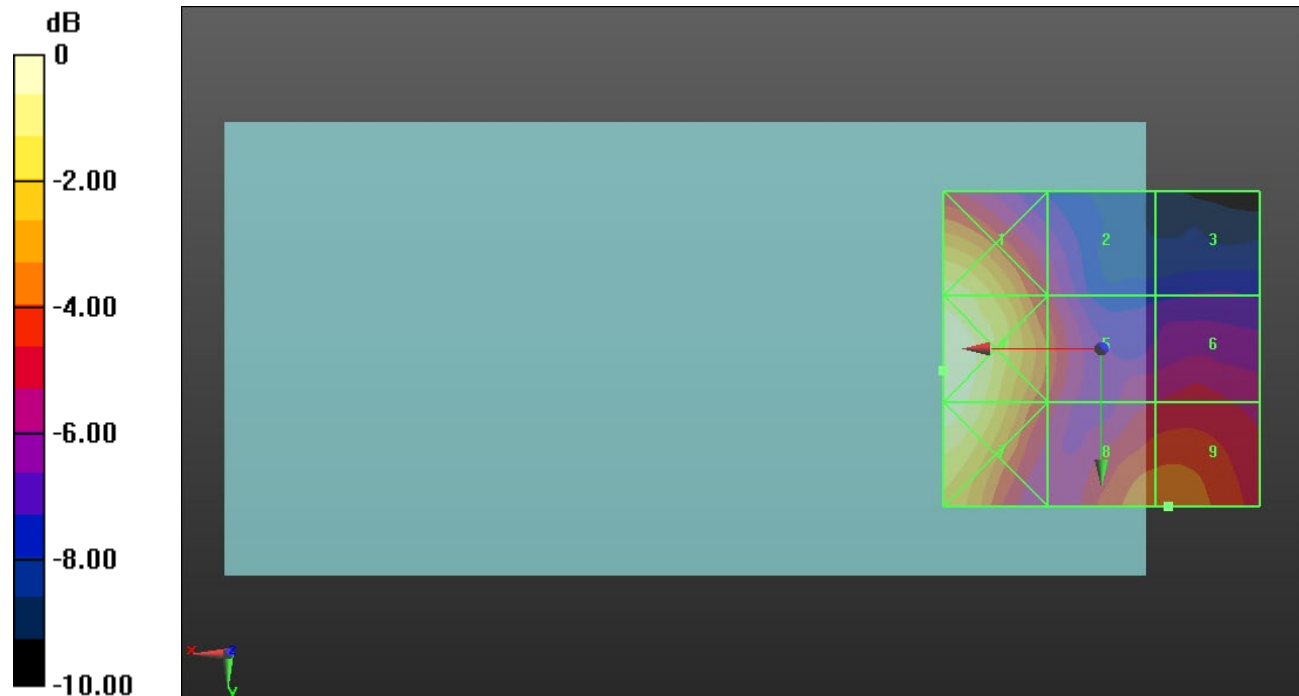
Applied MIF = -1.44 dB

RF audio interference level = 19.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.38 dBV/m	Grid 2 M4 18.16 dBV/m	Grid 3 M4 16.08 dBV/m
Grid 4 M4 23.28 dBV/m	Grid 5 M4 19.24 dBV/m	Grid 6 M4 18.2 dBV/m
Grid 7 M4 23.12 dBV/m	Grid 8 M4 19.71 dBV/m	Grid 9 M4 19.73 dBV/m



0 dB = 14.58 V/m = 23.28 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 = 8.528 V/m; Power Drift = 0.18 dB

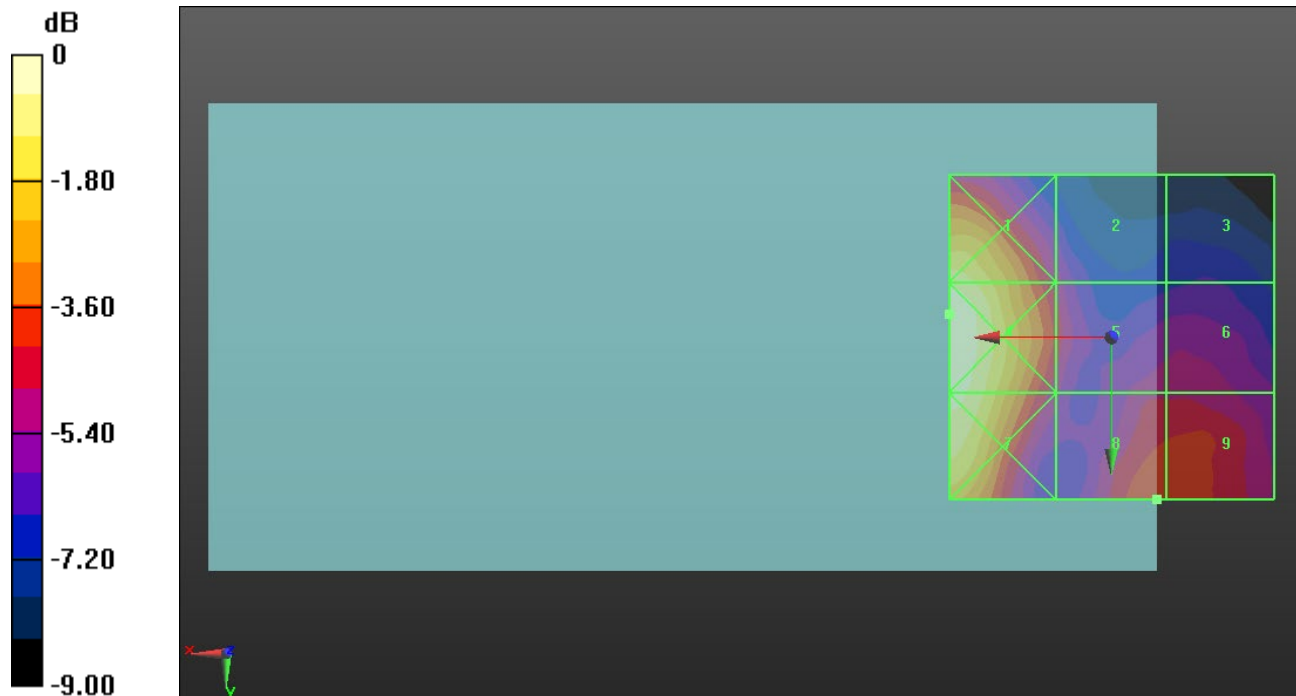
Applied MIF = -1.44 dB

RF audio interference level = 20.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.12 dBV/m	Grid 2 M4 18.82 dBV/m	Grid 3 M4 17.37 dBV/m
Grid 4 M4 23.87 dBV/m	Grid 5 M4 19.54 dBV/m	Grid 6 M4 19 dBV/m
Grid 7 M4 23.53 dBV/m	Grid 8 M4 20.28 dBV/m	Grid 9 M4 20.23 dBV/m



0 dB = 15.62 V/m = 23.87 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 = 7.492 V/m; Power Drift = 0.03 dB

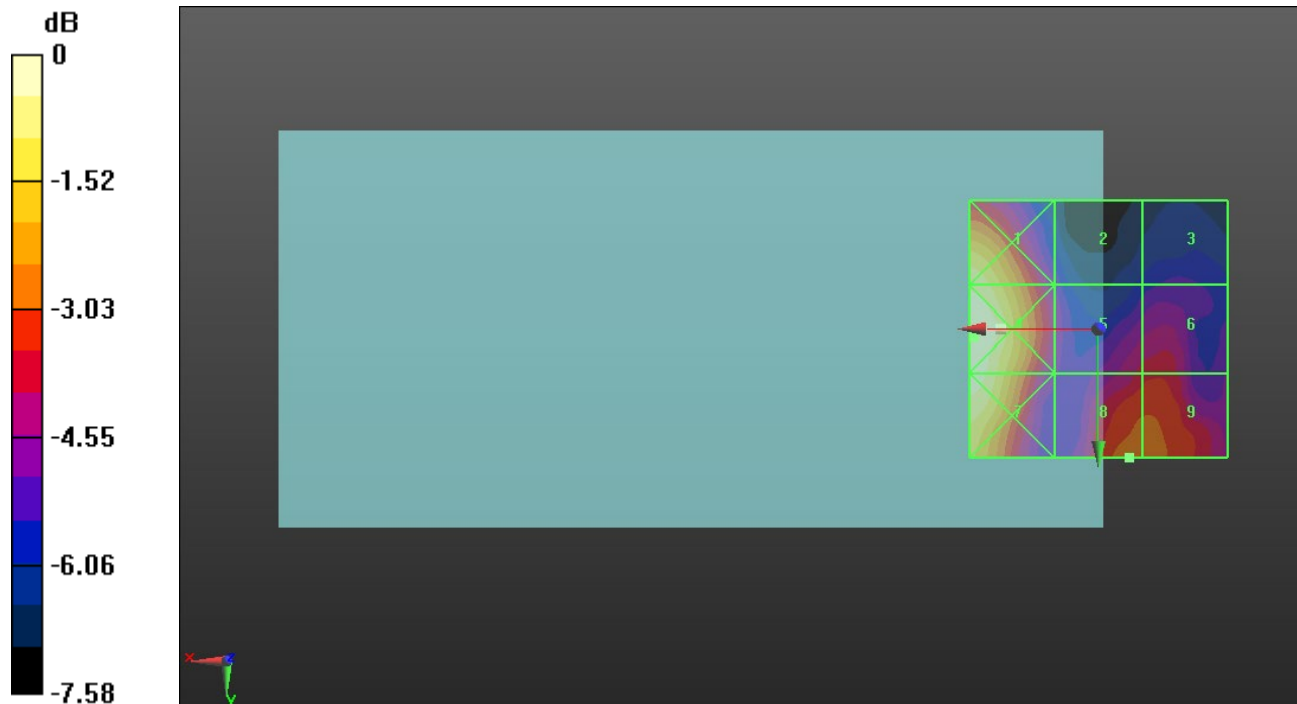
Applied MIF = -1.44 dB

RF audio interference level = 20.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.53 dBV/m	Grid 2 M4 18.06 dBV/m	Grid 3 M4 17.73 dBV/m
Grid 4 M4 23.1 dBV/m	Grid 5 M4 19.31 dBV/m	Grid 6 M4 19.5 dBV/m
Grid 7 M4 22.94 dBV/m	Grid 8 M4 20.47 dBV/m	Grid 9 M4 20.3 dBV/m



0 dB = 14.29 V/m = 23.10 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 = 7.771 V/m; Power Drift = 0.15 dB

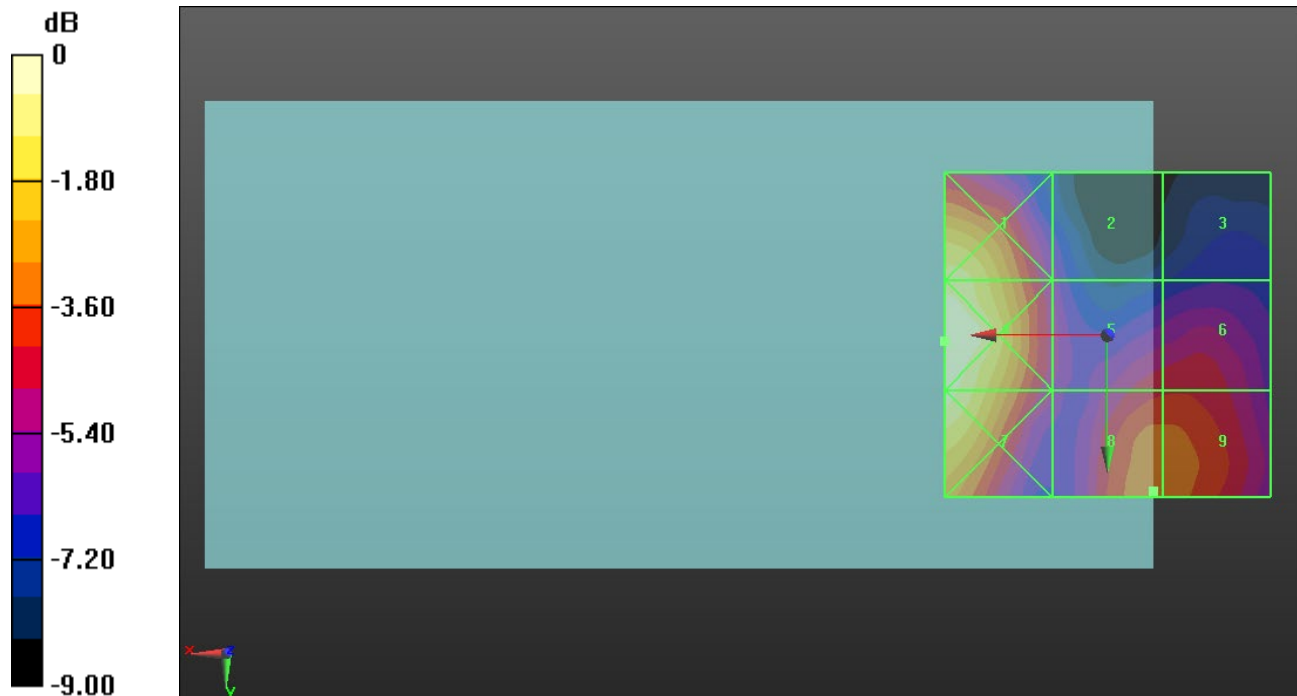
Applied MIF = -1.44 dB

RF audio interference level = 19.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.21 dBV/m	Grid 2 M4 17.48 dBV/m	Grid 3 M4 16.44 dBV/m
Grid 4 M4 23.07 dBV/m	Grid 5 M4 18.78 dBV/m	Grid 6 M4 18.84 dBV/m
Grid 7 M4 22.77 dBV/m	Grid 8 M4 19.83 dBV/m	Grid 9 M4 19.8 dBV/m



0 dB = 14.24 V/m = 23.07 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 = 46.61 V/m; Power Drift = -0.15 dB

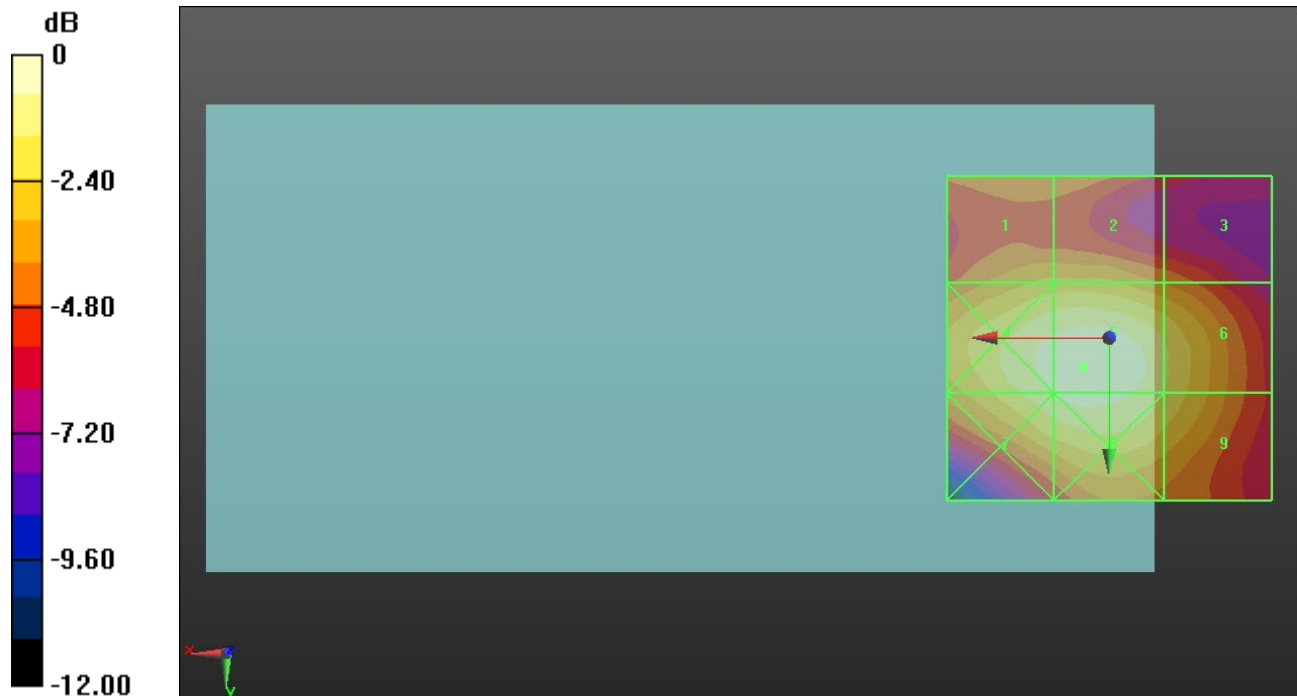
Applied MIF = -1.44 dB

RF audio interference level = 29.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.29 dBV/m	Grid 2 M4 26.3 dBV/m	Grid 3 M4 25.21 dBV/m
Grid 4 M4 28.82 dBV/m	Grid 5 M4 29.24 dBV/m	Grid 6 M4 27.81 dBV/m
Grid 7 M4 28.42 dBV/m	Grid 8 M4 28.82 dBV/m	Grid 9 M4 27.6 dBV/m



0 dB = 28.96 V/m = 29.24 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 = 45.36 V/m; Power Drift = 0.29 dB

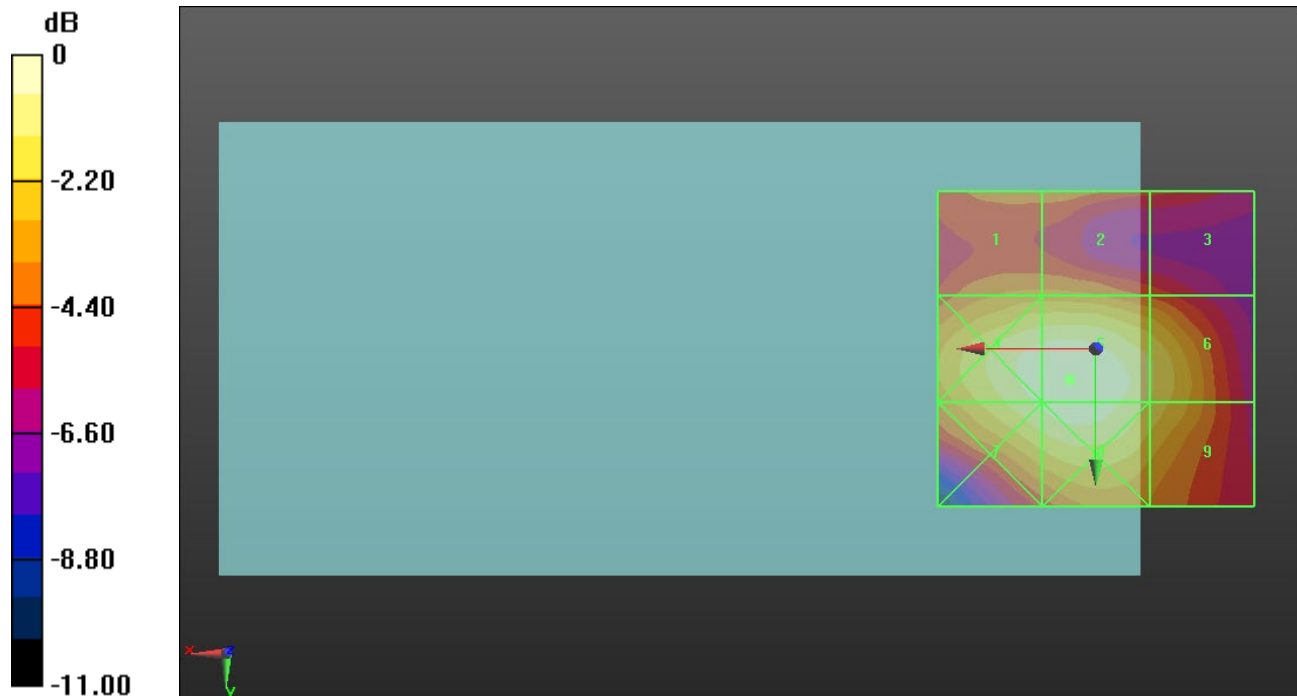
Applied MIF = -1.44 dB

RF audio interference level = 29.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.97 dBV/m	Grid 2 M4 25.98 dBV/m	Grid 3 M4 24.78 dBV/m
Grid 4 M4 29.05 dBV/m	Grid 5 M4 29.3 dBV/m	Grid 6 M4 27.99 dBV/m
Grid 7 M4 28.73 dBV/m	Grid 8 M4 29.12 dBV/m	Grid 9 M4 27.75 dBV/m



0 dB = 29.18 V/m = 29.30 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 = 40.37 V/m; Power Drift = 0.02 dB

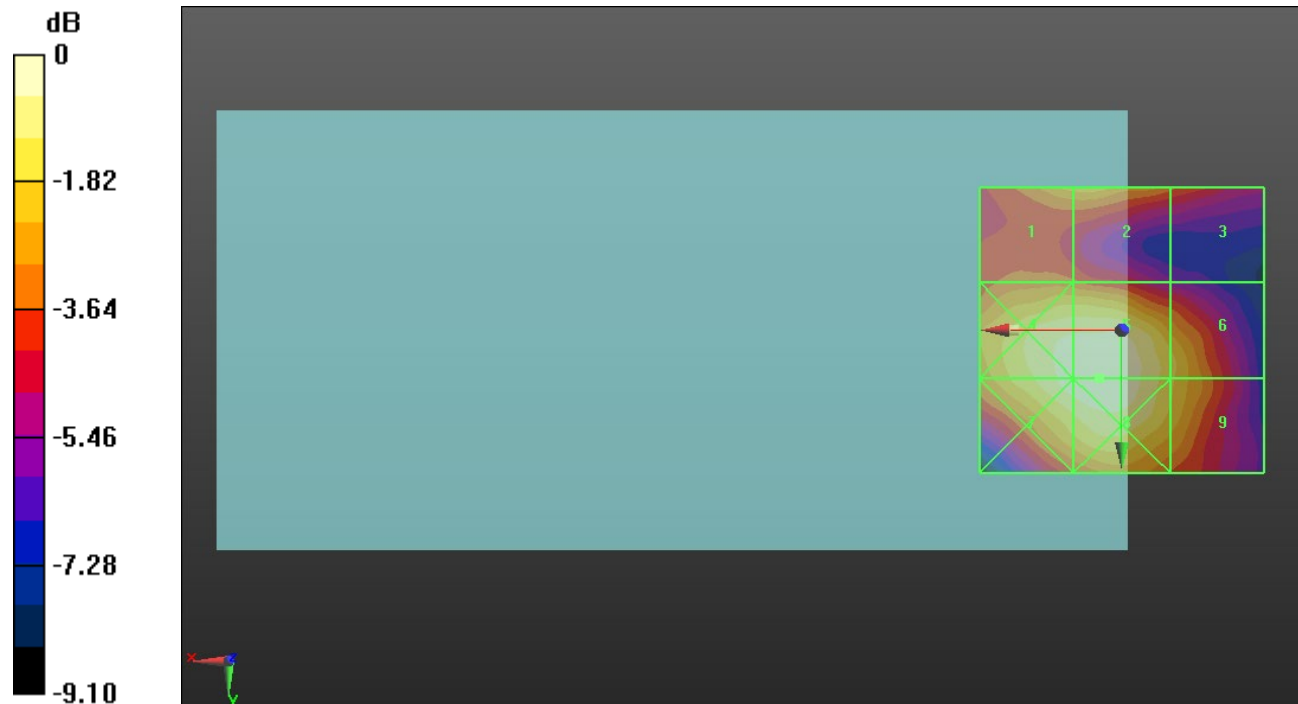
Applied MIF = -1.44 dB

RF audio interference level = 28.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.22 dBV/m	Grid 2 M4 26.3 dBV/m	Grid 3 M4 24.96 dBV/m
Grid 4 M4 28.09 dBV/m	Grid 5 M4 28.34 dBV/m	Grid 6 M4 26.79 dBV/m
Grid 7 M4 28.08 dBV/m	Grid 8 M4 28.34 dBV/m	Grid 9 M4 26.72 dBV/m



0 dB = 26.13 V/m = 28.34 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 = 41.34 V/m; Power Drift = 0.06 dB

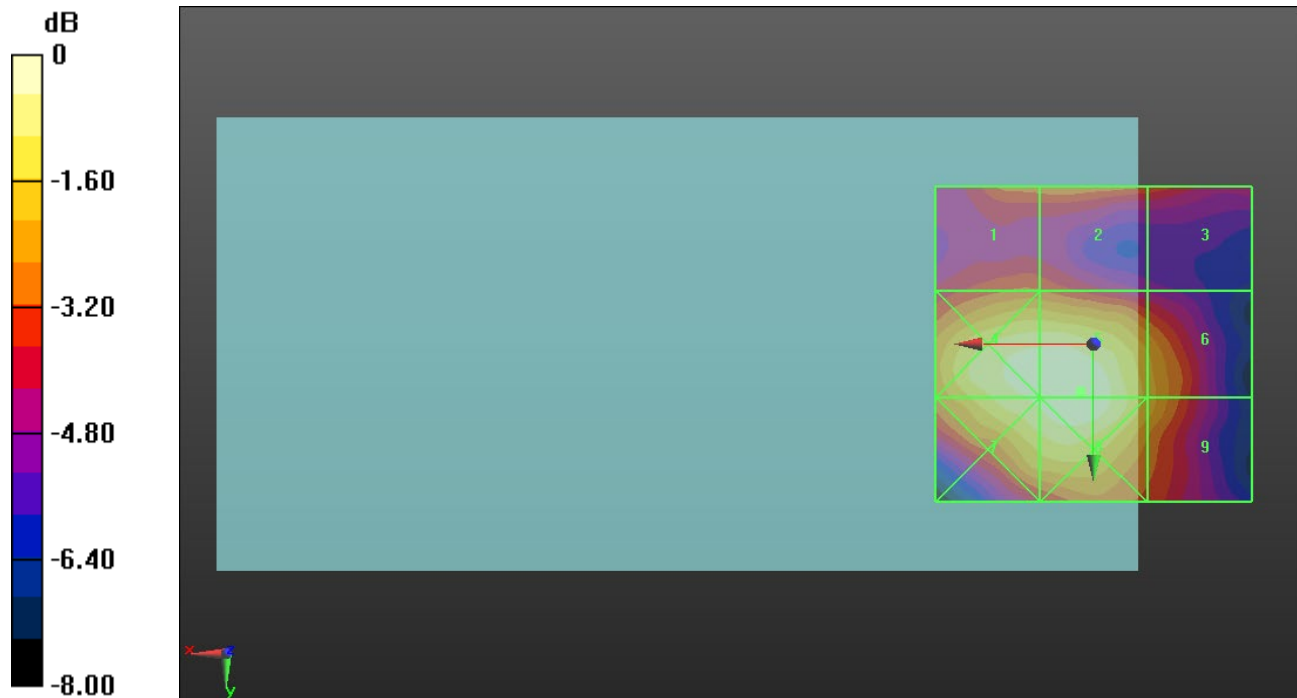
Applied MIF = -1.44 dB

RF audio interference level = 28.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.02 dBV/m	Grid 2 M4 26.2 dBV/m	Grid 3 M4 25.56 dBV/m
Grid 4 M4 28.54 dBV/m	Grid 5 M4 28.69 dBV/m	Grid 6 M4 26.93 dBV/m
Grid 7 M4 28.34 dBV/m	Grid 8 M4 28.68 dBV/m	Grid 9 M4 26.93 dBV/m



0 dB = 27.21 V/m = 28.69 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 = 7.184 V/m; Power Drift = 0.10 dB

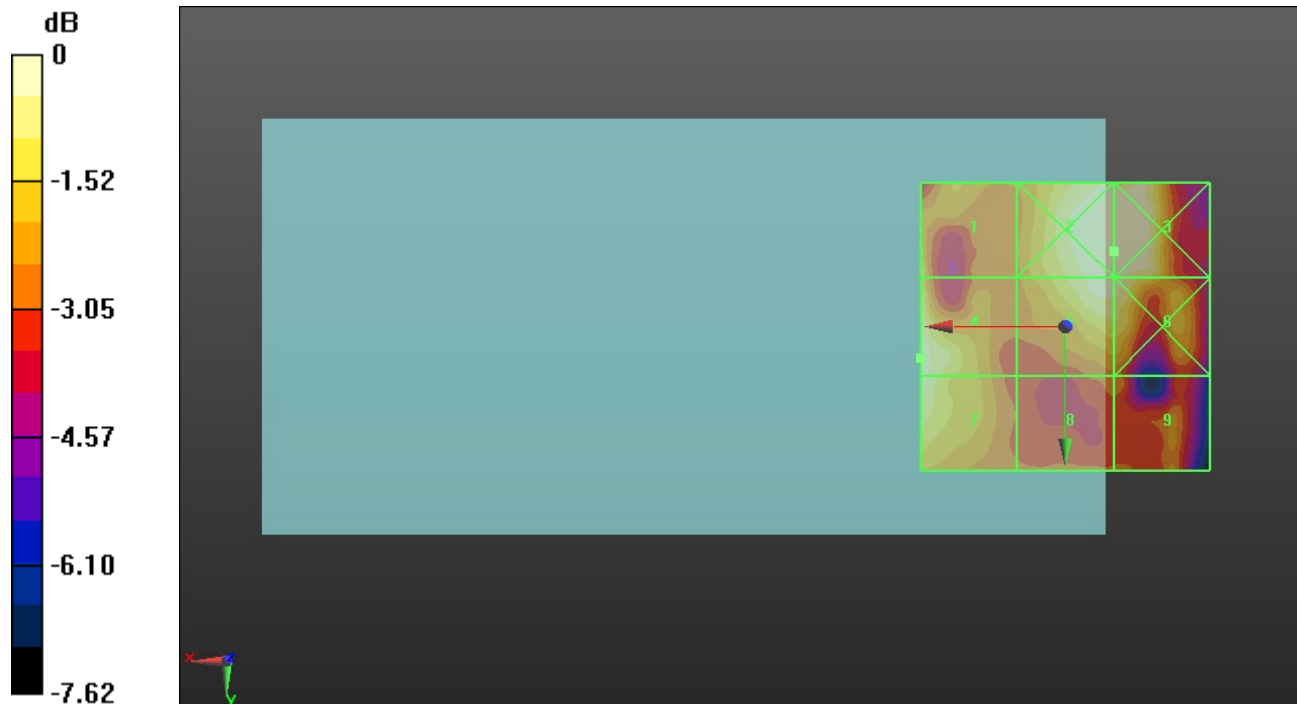
Applied MIF = -1.44 dB

RF audio interference level = 17.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.24 dBV/m	Grid 2 M4 17.3 dBV/m	Grid 3 M4 17.3 dBV/m
Grid 4 M4 17.27 dBV/m	Grid 5 M4 17.08 dBV/m	Grid 6 M4 17.04 dBV/m
Grid 7 M4 17.13 dBV/m	Grid 8 M4 14.64 dBV/m	Grid 9 M4 14.95 dBV/m



0 dB = 7.328 V/m = 17.30 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 = 7.410 V/m; Power Drift = -0.19 dB

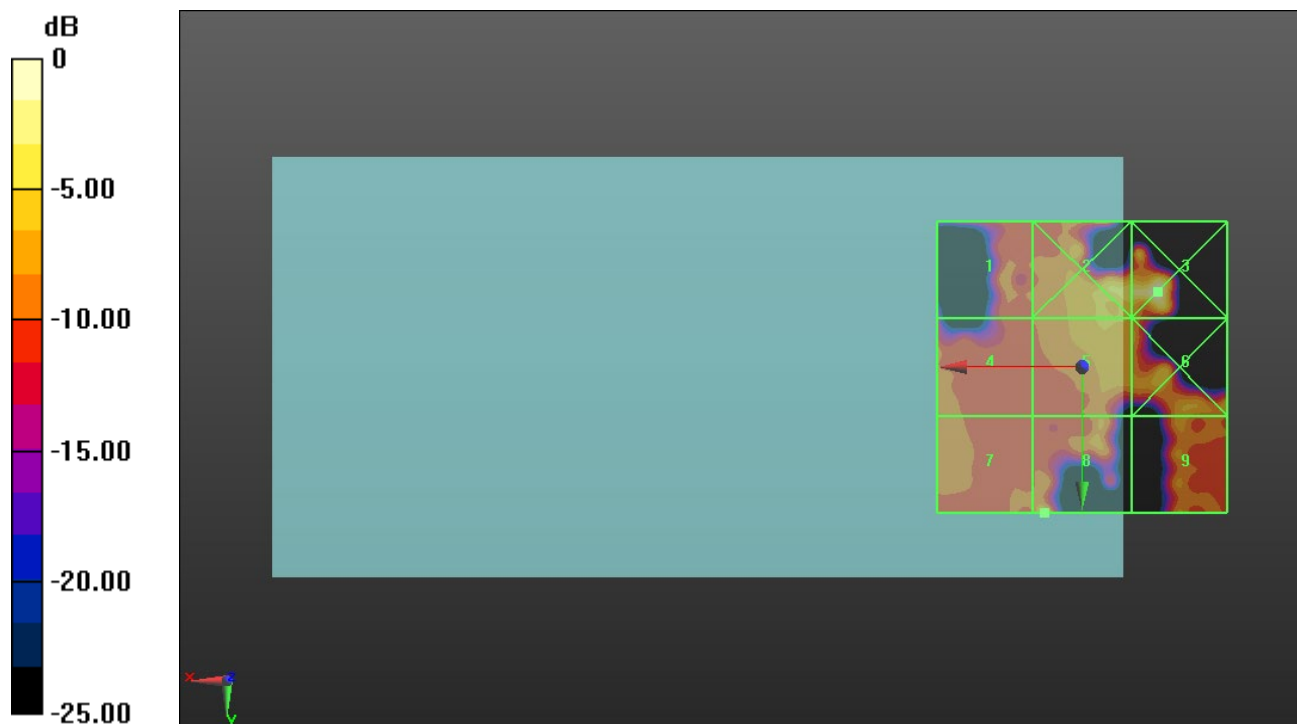
Applied MIF = -1.44 dB

RF audio interference level = 17.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.74 dBV/m	Grid 2 M4 19.31 dBV/m	Grid 3 M4 22.44 dBV/m
Grid 4 M4 13.7 dBV/m	Grid 5 M4 16.14 dBV/m	Grid 6 M4 17.39 dBV/m
Grid 7 M4 13.57 dBV/m	Grid 8 M4 17.27 dBV/m	Grid 9 M4 15.24 dBV/m



0 dB = 13.24 V/m = 22.44 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 = 8.298 V/m; Power Drift = 0.03 dB

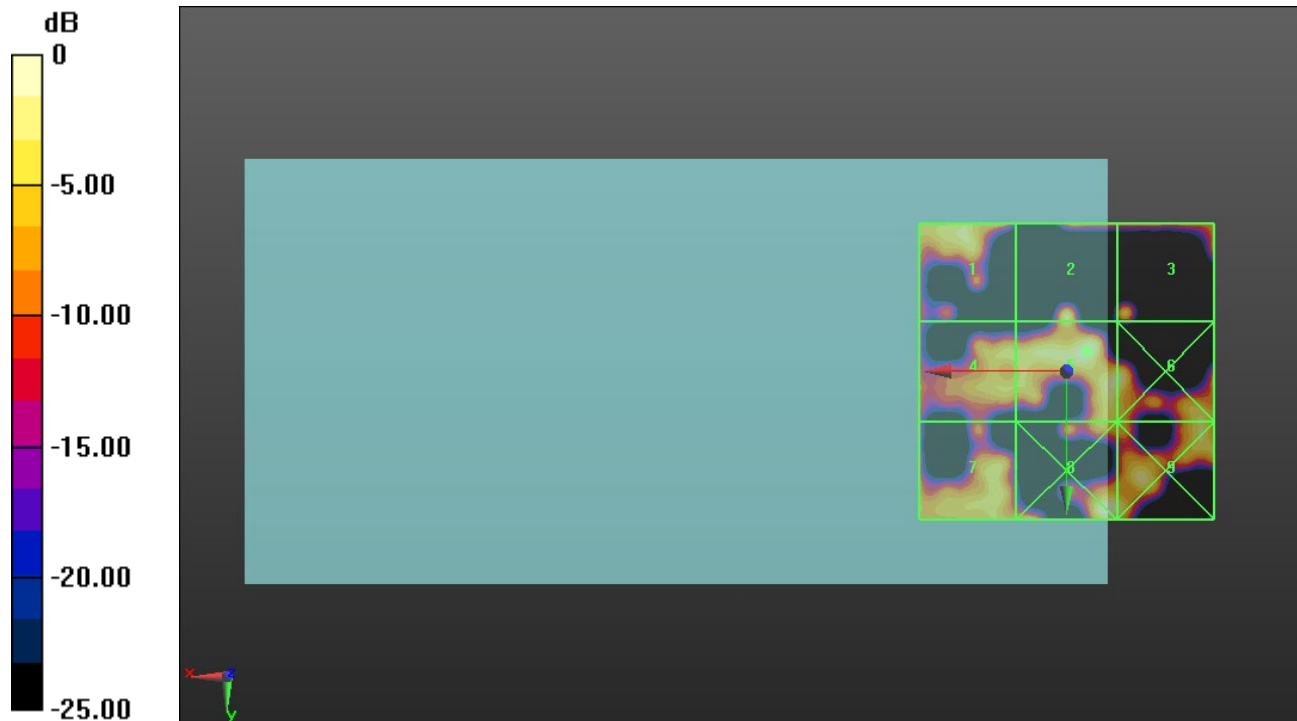
Applied MIF = -1.44 dB

RF audio interference level = 18.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.96 dBV/m	Grid 2 M4 16.27 dBV/m	Grid 3 M4 14.96 dBV/m
Grid 4 M4 15.05 dBV/m	Grid 5 M4 18.74 dBV/m	Grid 6 M4 17.74 dBV/m
Grid 7 M4 15.49 dBV/m	Grid 8 M4 18.64 dBV/m	Grid 9 M4 17.35 dBV/m



0 dB = 8.648 V/m = 18.74 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.700 V/m; Power Drift = -0.04 dB

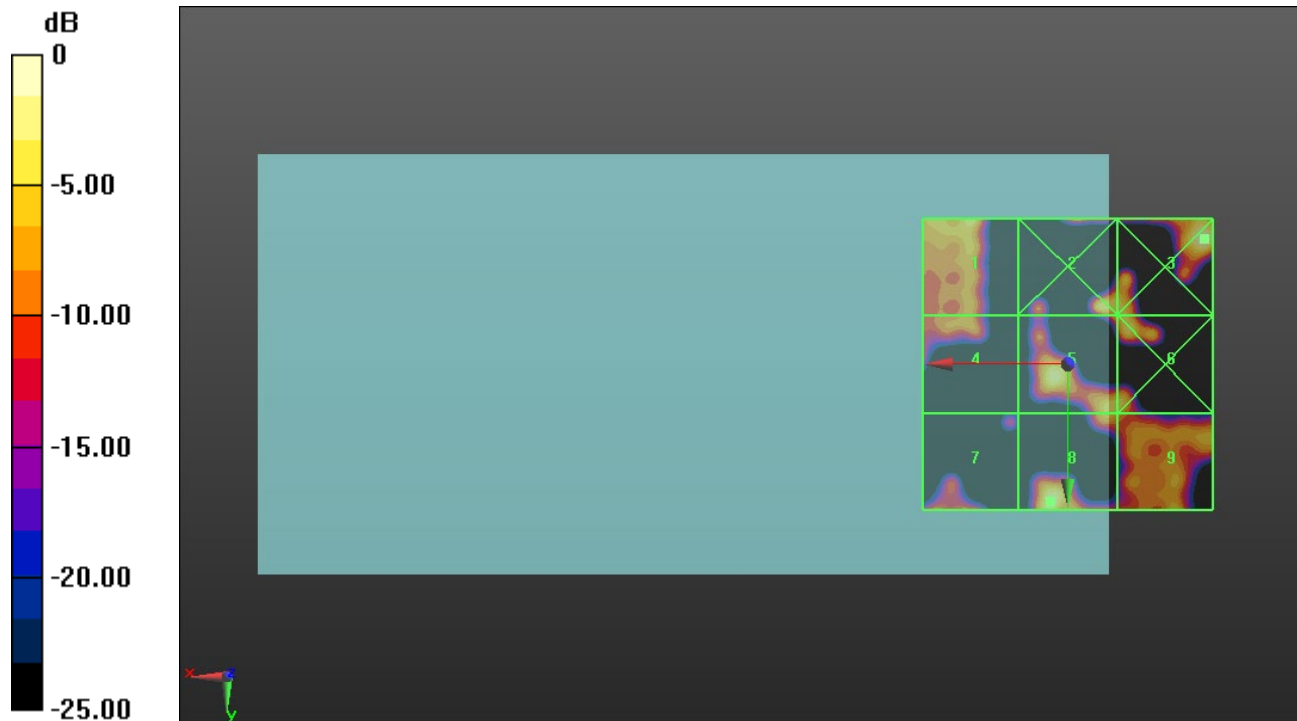
Applied MIF = -1.44 dB

RF audio interference level = 19.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.63 dBV/m	Grid 2 M4 17.5 dBV/m	Grid 3 M4 20.87 dBV/m
Grid 4 M4 13.74 dBV/m	Grid 5 M4 18.76 dBV/m	Grid 6 M4 17.85 dBV/m
Grid 7 M4 13.32 dBV/m	Grid 8 M4 19.22 dBV/m	Grid 9 M4 16.17 dBV/m



0 dB = 11.05 V/m = 20.87 dBV/m