

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 = 38.67 V/m; Power Drift = 0.01 dB

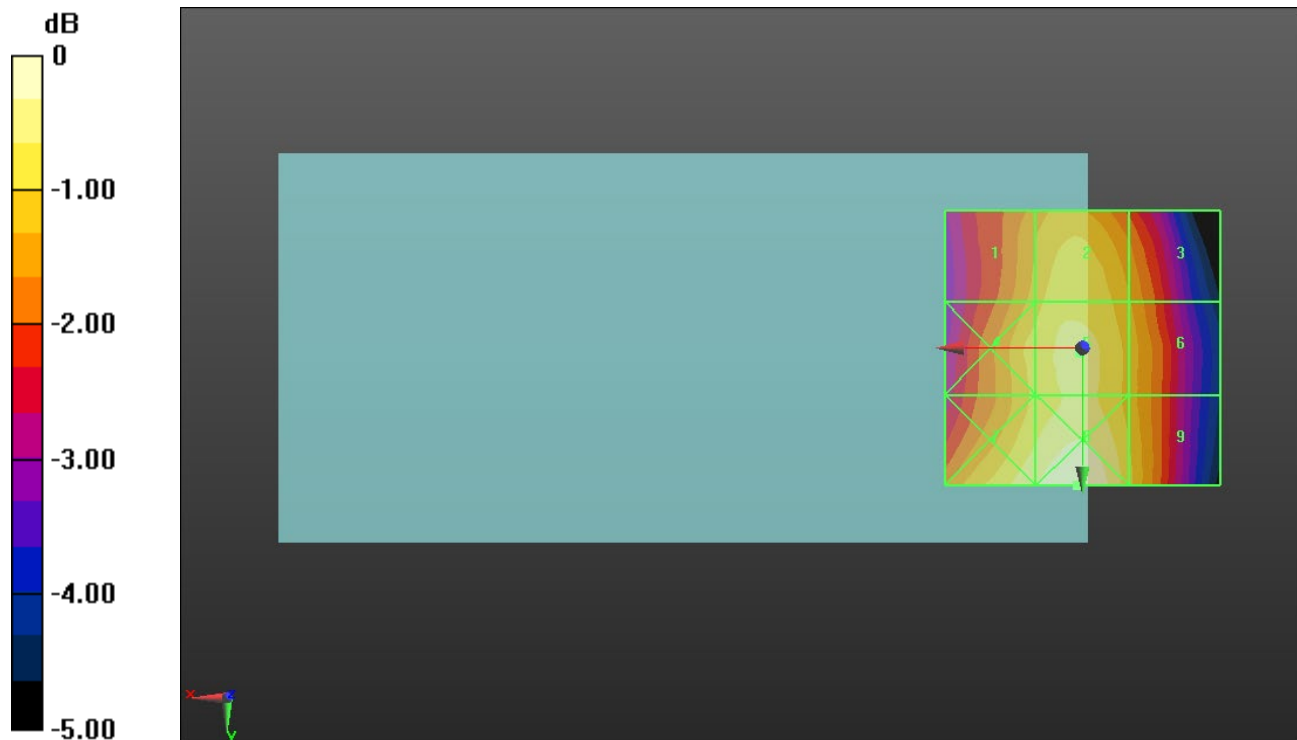
Applied MIF = 3.63 dB

RF audio interference level = 32.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.01 dBV/m	Grid 2 M4 32.4 dBV/m	Grid 3 M4 31.86 dBV/m
Grid 4 M4 32.35 dBV/m	Grid 5 M4 32.63 dBV/m	Grid 6 M4 32.05 dBV/m
Grid 7 M4 32.84 dBV/m	Grid 8 M4 33.16 dBV/m	Grid 9 M4 32.27 dBV/m



0 dB = 45.49 V/m = 33.16 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 = 42.37 V/m; Power Drift = -0.04 dB

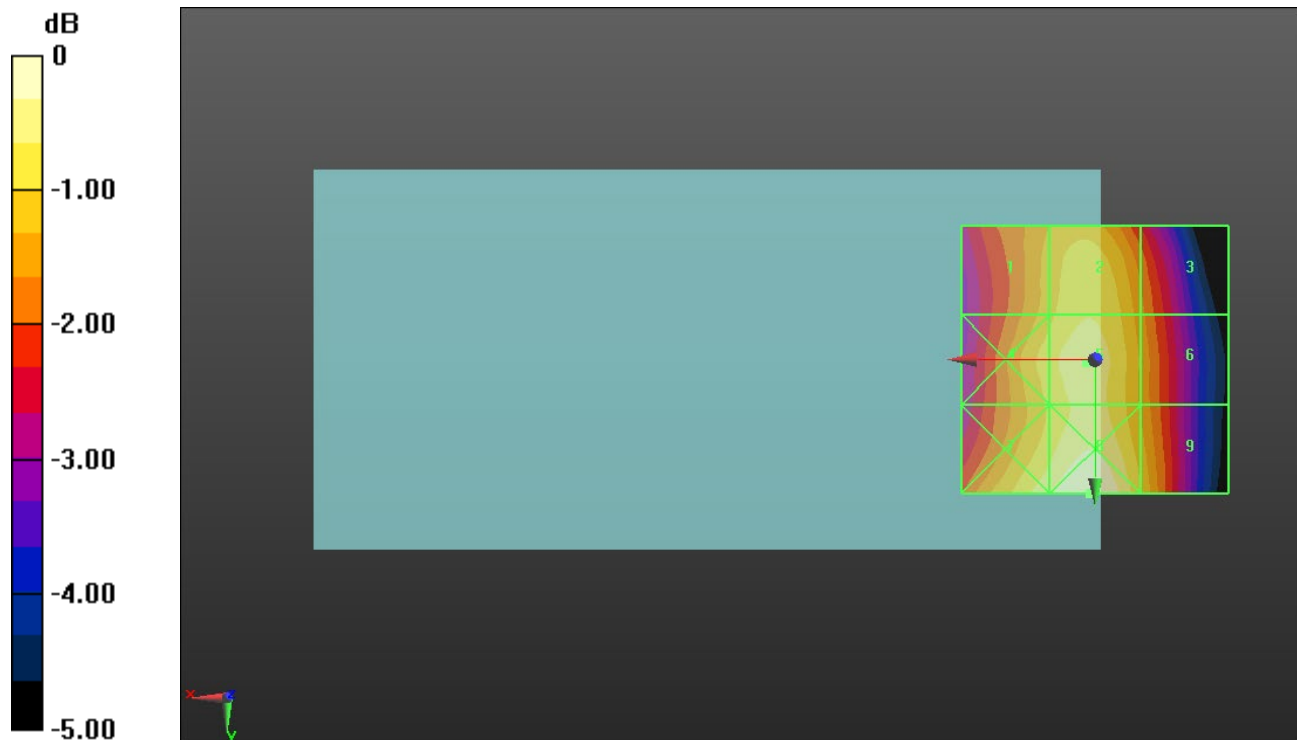
Applied MIF = 3.63 dB

RF audio interference level = 33.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.01 dBV/m	Grid 2 M4 33.43 dBV/m	Grid 3 M4 32.57 dBV/m
Grid 4 M4 33.33 dBV/m	Grid 5 M4 33.63 dBV/m	Grid 6 M4 32.74 dBV/m
Grid 7 M4 33.73 dBV/m	Grid 8 M4 34.11 dBV/m	Grid 9 M4 33.15 dBV/m



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

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 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 = 46.82 V/m; Power Drift = -0.01 dB

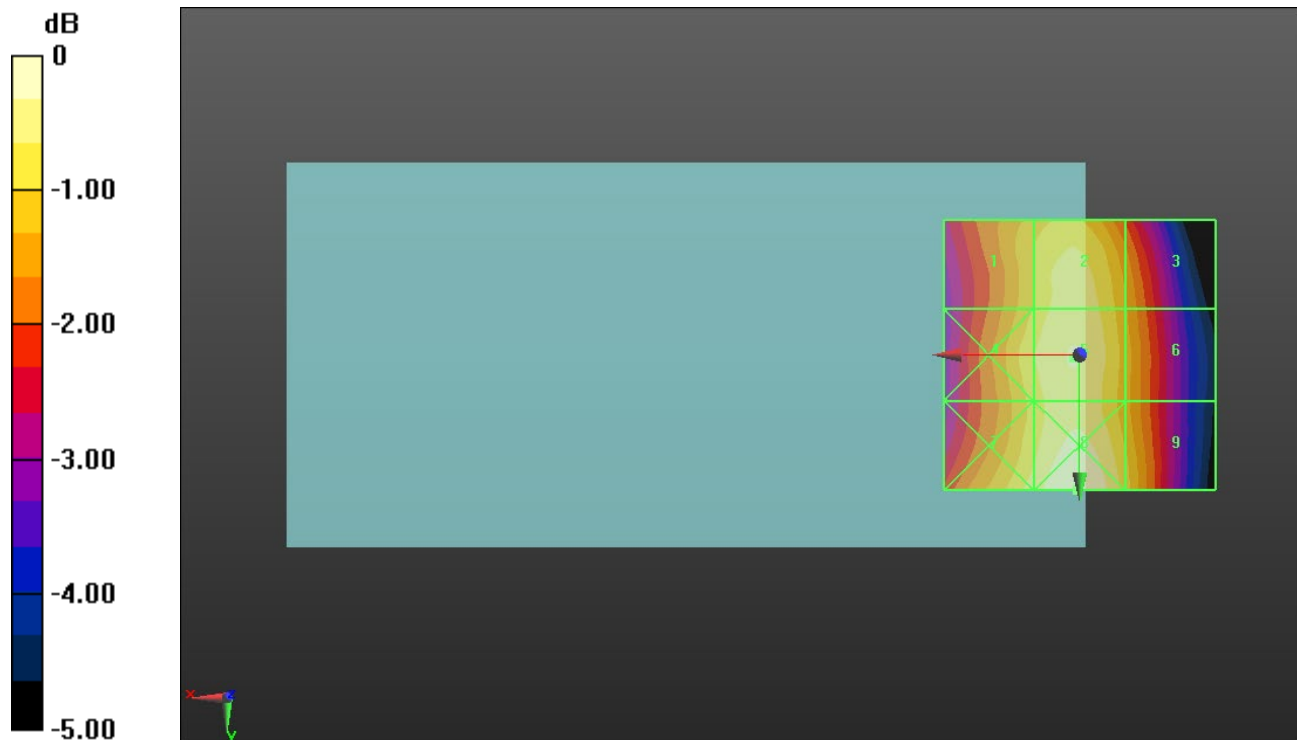
Applied MIF = 3.63 dB

RF audio interference level = 34.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.92 dBV/m	Grid 2 M4 34.41 dBV/m	Grid 3 M4 33.59 dBV/m
Grid 4 M4 34.2 dBV/m	Grid 5 M4 34.57 dBV/m	Grid 6 M4 33.72 dBV/m
Grid 7 M4 34.4 dBV/m	Grid 8 M4 34.88 dBV/m	Grid 9 M4 34.03 dBV/m



0 dB = 55.47 V/m = 34.88 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.34 V/m; Power Drift = -0.01 dB

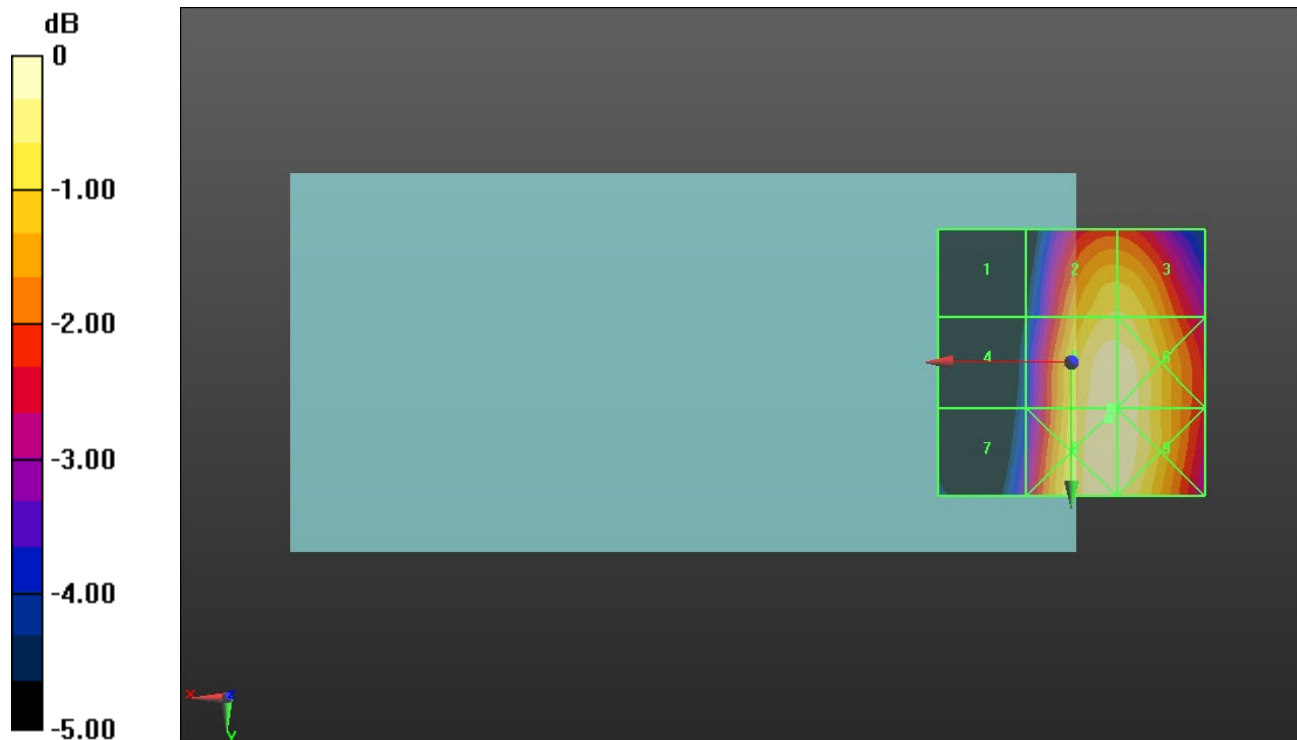
Applied MIF = 3.63 dB

RF audio interference level = 28.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.68 dBV/m	Grid 2 M4 27.72 dBV/m	Grid 3 M4 27.72 dBV/m
Grid 4 M4 24.46 dBV/m	Grid 5 M4 28.31 dBV/m	Grid 6 M4 28.29 dBV/m
Grid 7 M4 25.23 dBV/m	Grid 8 M4 28.32 dBV/m	Grid 9 M4 28.29 dBV/m



0 dB = 26.05 V/m = 28.32 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 = 21.02 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.48 dBV/m	Grid 2 M4 28.73 dBV/m	Grid 3 M4 28.72 dBV/m
Grid 4 M4 25.07 dBV/m	Grid 5 M4 28.72 dBV/m	Grid 6 M4 28.71 dBV/m
Grid 7 M4 25.46 dBV/m	Grid 8 M4 27.92 dBV/m	Grid 9 M4 27.91 dBV/m



0 dB = 27.33 V/m = 28.73 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)2
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.02 V/m; Power Drift = -0.02 dB

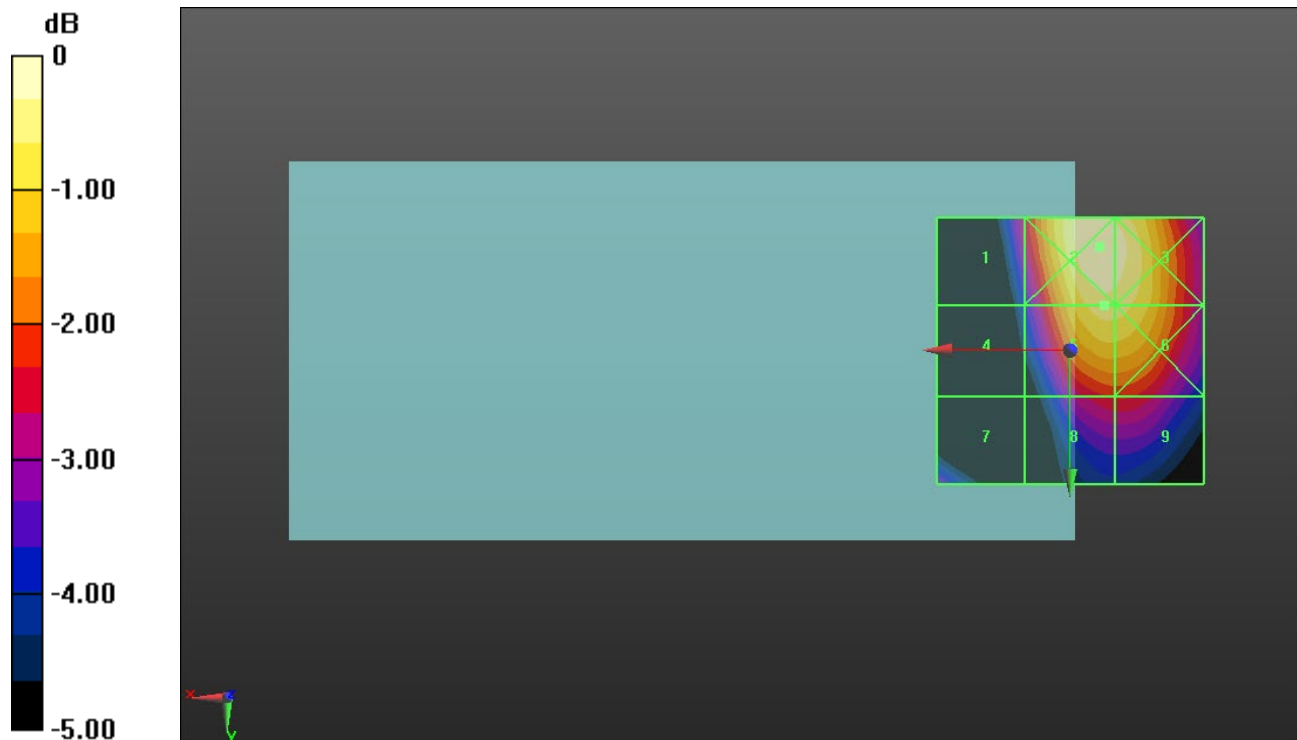
Applied MIF = 3.63 dB

RF audio interference level = 27.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.76 dBV/m	Grid 2 M4 28.32 dBV/m	Grid 3 M4 28.18 dBV/m
Grid 4 M4 24.56 dBV/m	Grid 5 M4 27.86 dBV/m	Grid 6 M4 27.81 dBV/m
Grid 7 M4 25.23 dBV/m	Grid 8 M4 26.07 dBV/m	Grid 9 M4 26.08 dBV/m



0 dB = 26.06 V/m = 28.32 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.48 V/m; Power Drift = 0.02 dB

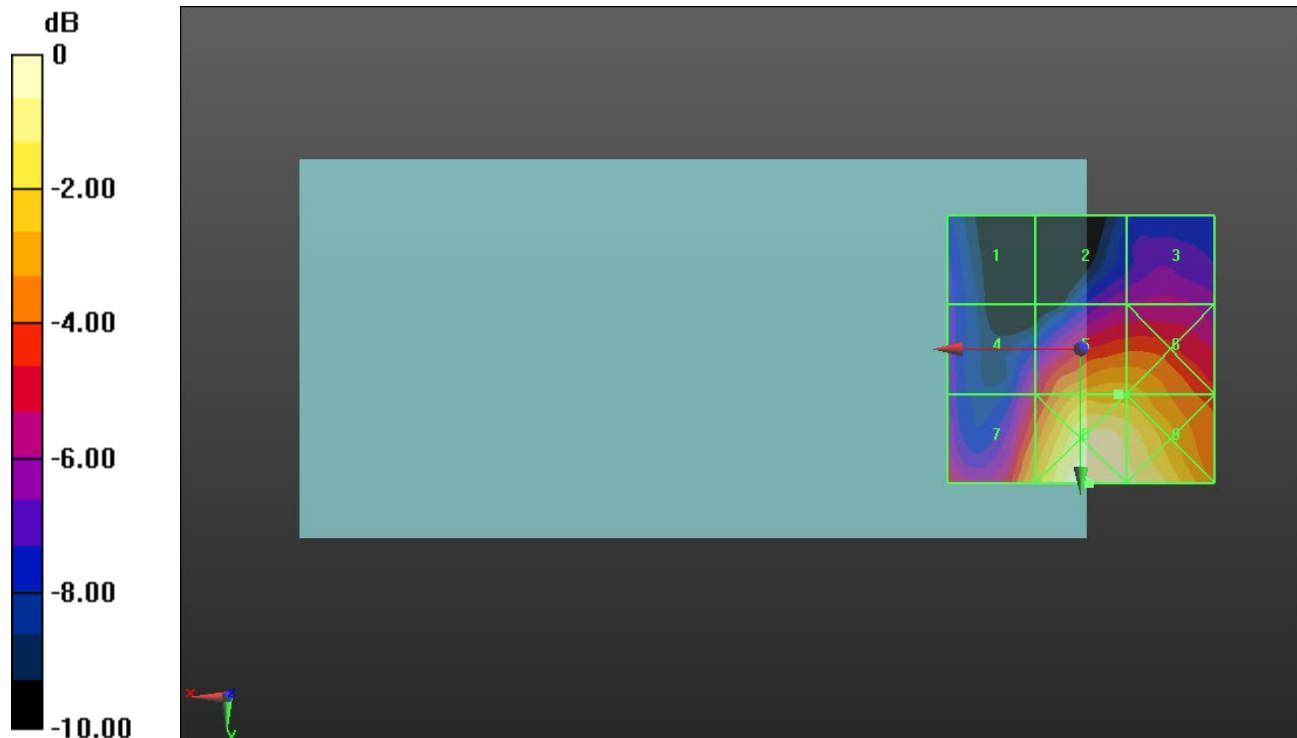
Applied MIF = -1.44 dB

RF audio interference level = 22.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.26 dBV/m	Grid 2 M4 19.22 dBV/m	Grid 3 M4 19.52 dBV/m
Grid 4 M4 20.1 dBV/m	Grid 5 M4 22.98 dBV/m	Grid 6 M4 22.96 dBV/m
Grid 7 M4 22.91 dBV/m	Grid 8 M4 25.26 dBV/m	Grid 9 M4 24.79 dBV/m



0 dB = 18.33 V/m = 25.26 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 = 15.25 V/m; Power Drift = 0.04 dB

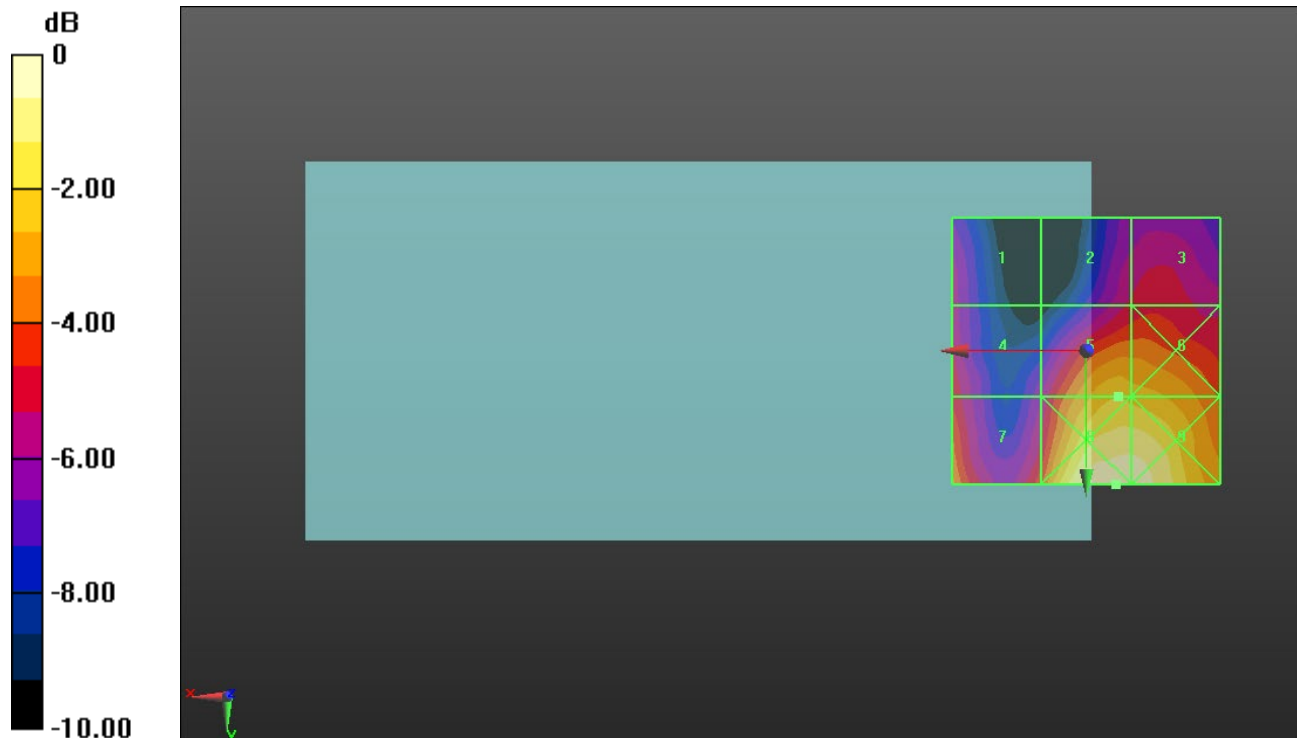
Applied MIF = -1.44 dB

RF audio interference level = 23.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.62 dBV/m	Grid 2 M4 20.12 dBV/m	Grid 3 M4 20.46 dBV/m
Grid 4 M4 20.44 dBV/m	Grid 5 M4 23.18 dBV/m	Grid 6 M4 23 dBV/m
Grid 7 M4 22.16 dBV/m	Grid 8 M4 25.23 dBV/m	Grid 9 M4 25.01 dBV/m



0 dB = 18.25 V/m = 25.23 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 = 16.38 V/m; Power Drift = -0.10 dB

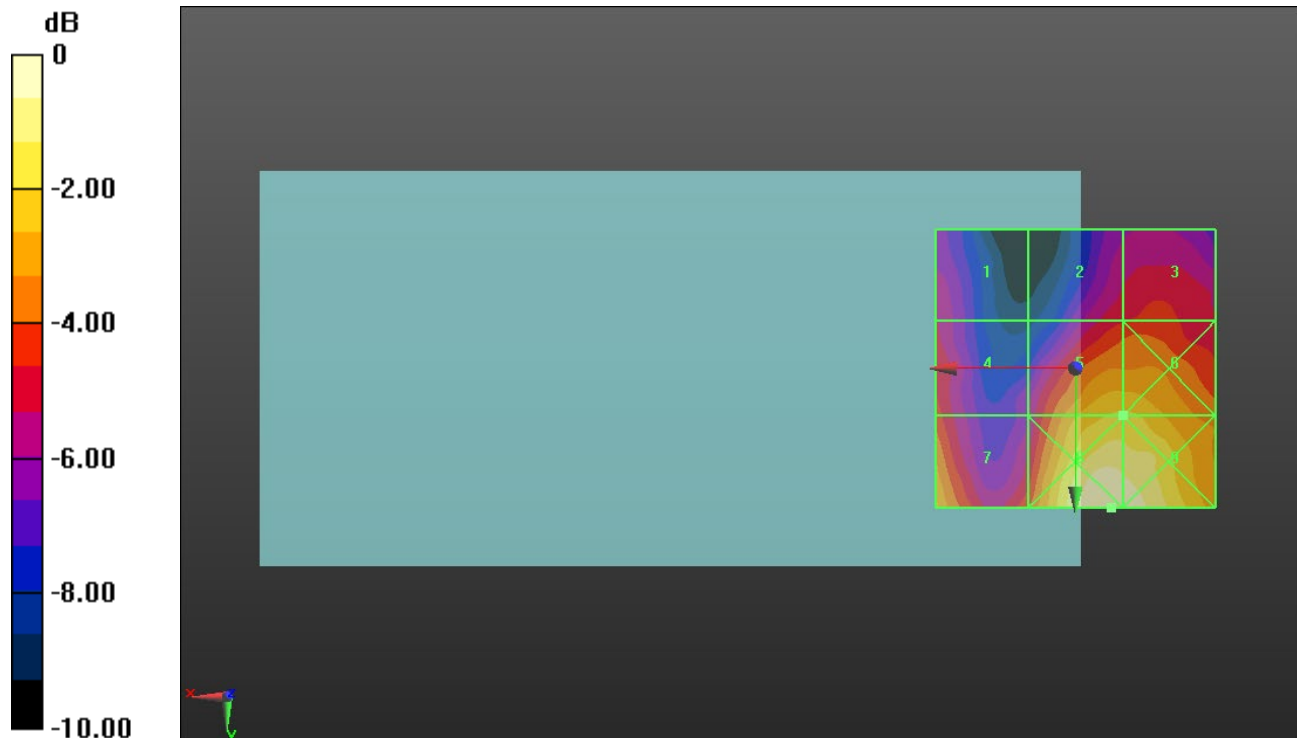
Applied MIF = -1.44 dB

RF audio interference level = 23.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.76 dBV/m	Grid 2 M4 20.32 dBV/m	Grid 3 M4 20.77 dBV/m
Grid 4 M4 20.76 dBV/m	Grid 5 M4 23.2 dBV/m	Grid 6 M4 23.21 dBV/m
Grid 7 M4 22.59 dBV/m	Grid 8 M4 25.02 dBV/m	Grid 9 M4 24.88 dBV/m



0 dB = 17.83 V/m = 25.02 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 = 14.19 V/m; Power Drift = -0.03 dB

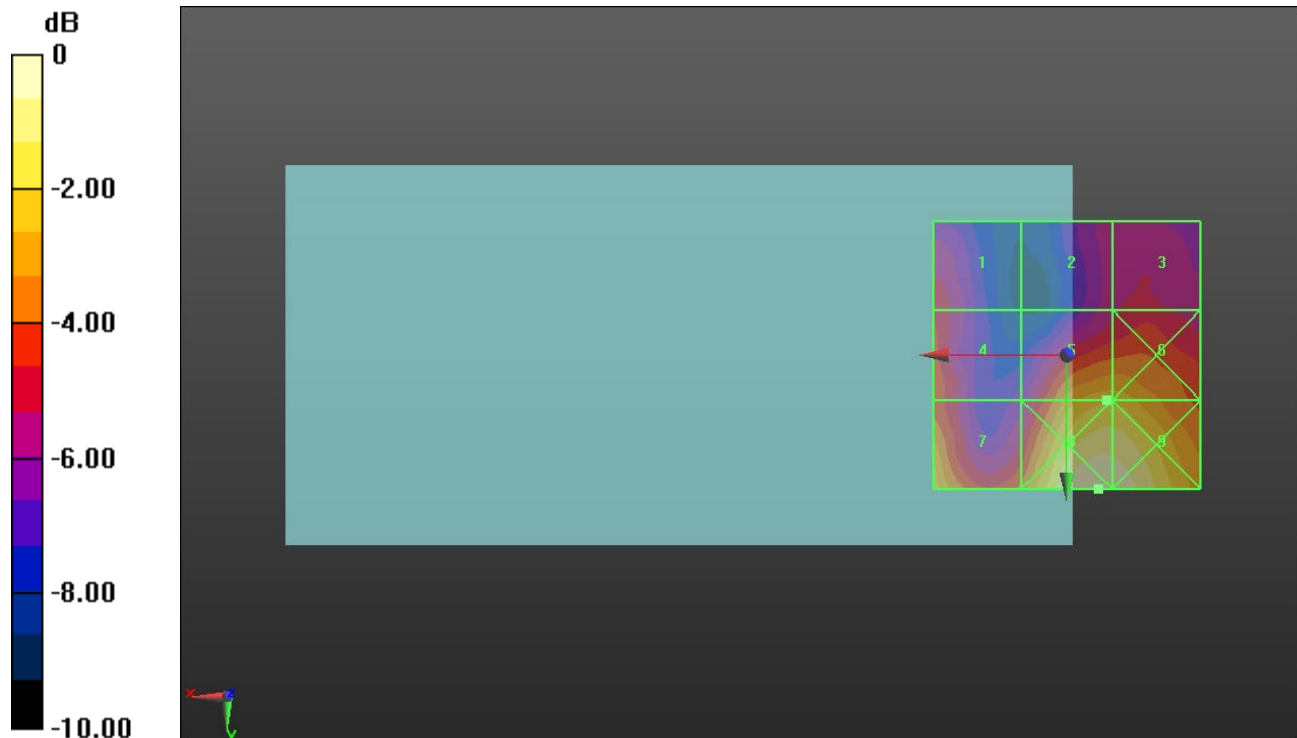
Applied MIF = -1.44 dB

RF audio interference level = 22.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.47 dBV/m	Grid 2 M4 18.74 dBV/m	Grid 3 M4 19.17 dBV/m
Grid 4 M4 20.1 dBV/m	Grid 5 M4 22.05 dBV/m	Grid 6 M4 22.04 dBV/m
Grid 7 M4 21.99 dBV/m	Grid 8 M4 24.23 dBV/m	Grid 9 M4 24.07 dBV/m



0 dB = 16.27 V/m = 24.23 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 = 13.11 V/m; Power Drift = -0.01 dB

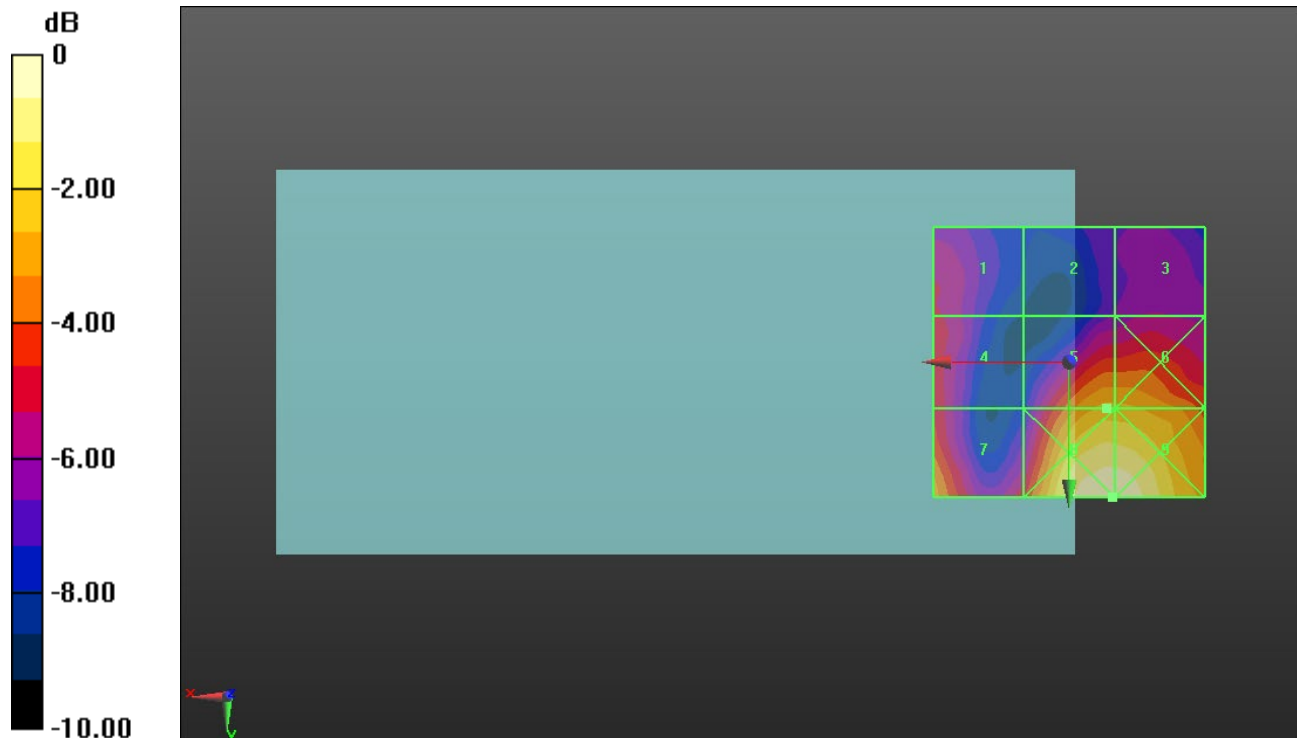
Applied MIF = -1.44 dB

RF audio interference level = 21.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.8 dBV/m	Grid 2 M4 17.62 dBV/m	Grid 3 M4 18.18 dBV/m
Grid 4 M4 19.32 dBV/m	Grid 5 M4 21.62 dBV/m	Grid 6 M4 21.6 dBV/m
Grid 7 M4 21.28 dBV/m	Grid 8 M4 24.07 dBV/m	Grid 9 M4 24.06 dBV/m



0 dB = 15.97 V/m = 24.07 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 = 16.75 V/m; Power Drift = -0.08 dB

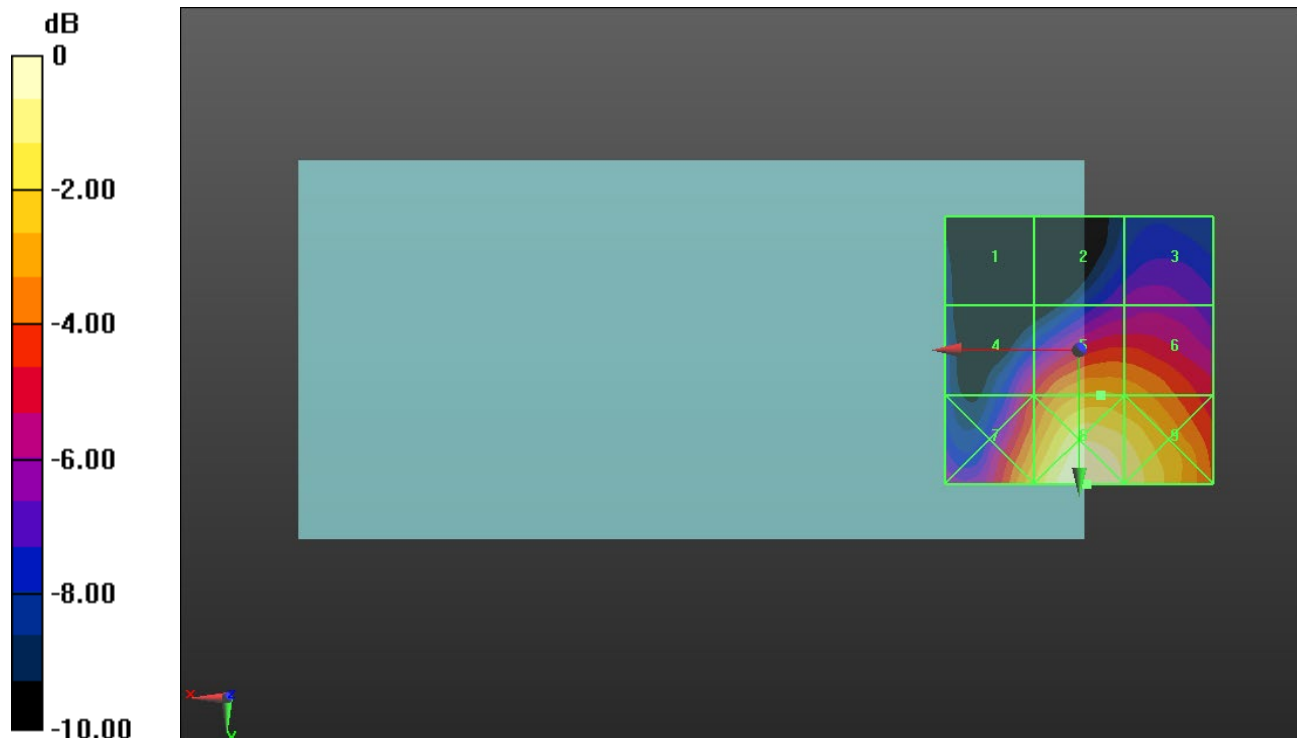
Applied MIF = -1.44 dB

RF audio interference level = 24.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.1 dBV/m	Grid 2 M4 20.38 dBV/m	Grid 3 M4 20.65 dBV/m
Grid 4 M4 22.15 dBV/m	Grid 5 M4 24.31 dBV/m	Grid 6 M4 24.02 dBV/m
Grid 7 M4 24.8 dBV/m	Grid 8 M4 26.79 dBV/m	Grid 9 M4 26.02 dBV/m



0 dB = 21.84 V/m = 26.79 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 = 17.22 V/m; Power Drift = -0.02 dB

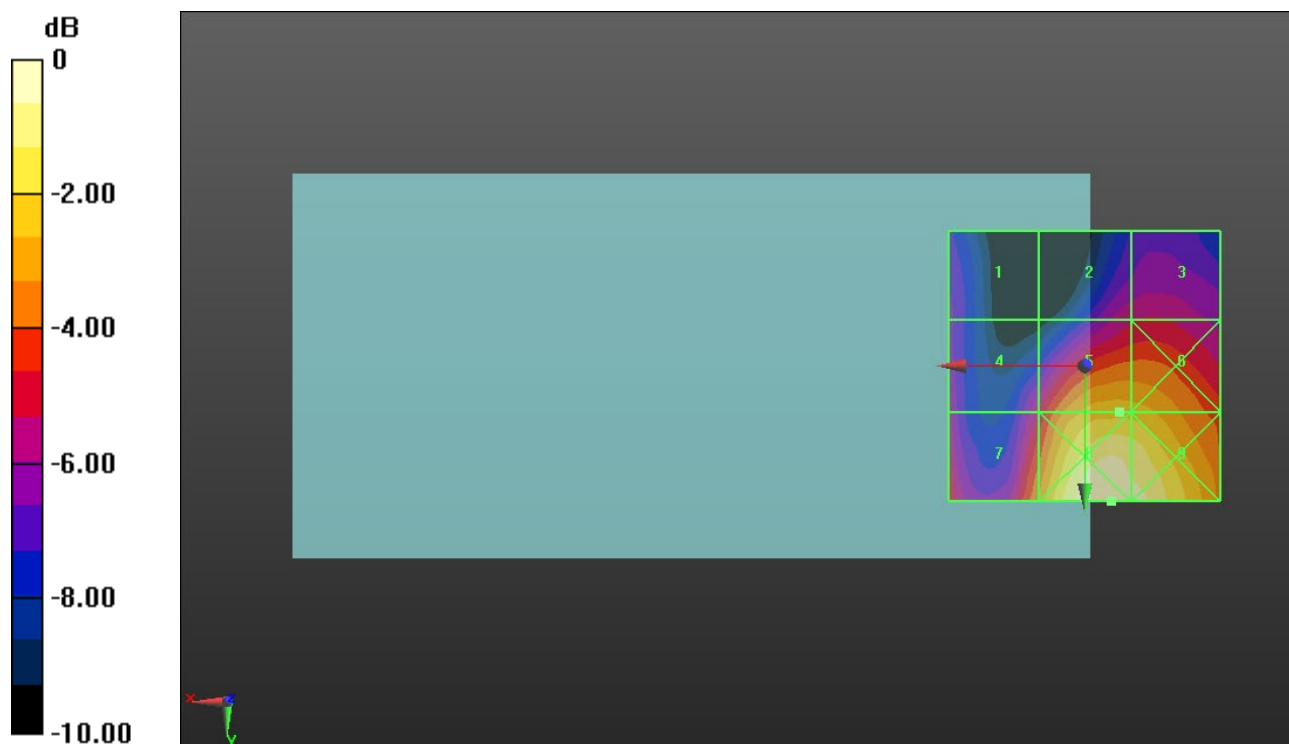
Applied MIF = -1.44 dB

RF audio interference level = 24.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.84 dBV/m	Grid 2 M4 20.83 dBV/m	Grid 3 M4 21.02 dBV/m
Grid 4 M4 20.92 dBV/m	Grid 5 M4 24.03 dBV/m	Grid 6 M4 23.99 dBV/m
Grid 7 M4 23.04 dBV/m	Grid 8 M4 26.24 dBV/m	Grid 9 M4 26.02 dBV/m



0 dB = 20.51 V/m = 26.24 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 = 18.94 V/m; Power Drift = 0.04 dB

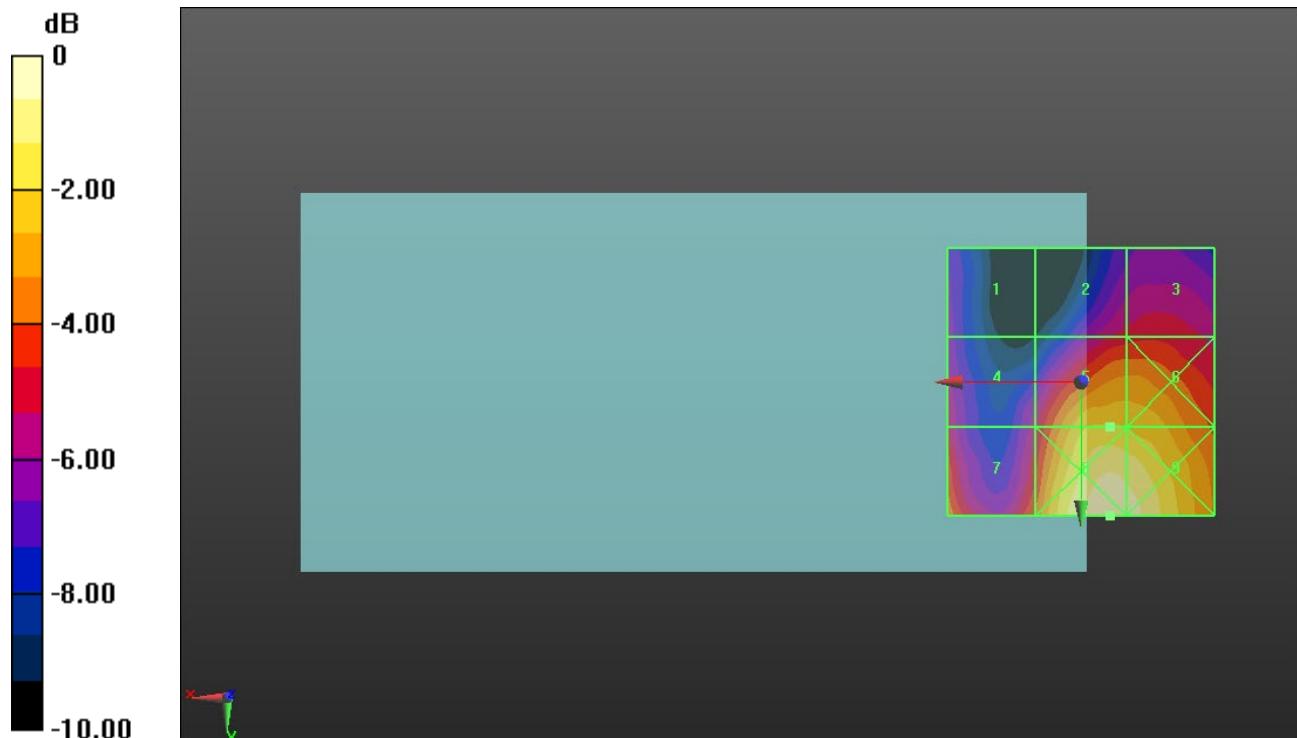
Applied MIF = -1.44 dB

RF audio interference level = 24.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.2 dBV/m	Grid 2 M4 21.37 dBV/m	Grid 3 M4 21.56 dBV/m
Grid 4 M4 21.23 dBV/m	Grid 5 M4 24.48 dBV/m	Grid 6 M4 24.3 dBV/m
Grid 7 M4 23.02 dBV/m	Grid 8 M4 26.33 dBV/m	Grid 9 M4 26.06 dBV/m



0 dB = 20.72 V/m = 26.33 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 = 17.09 V/m; Power Drift = 0.10 dB

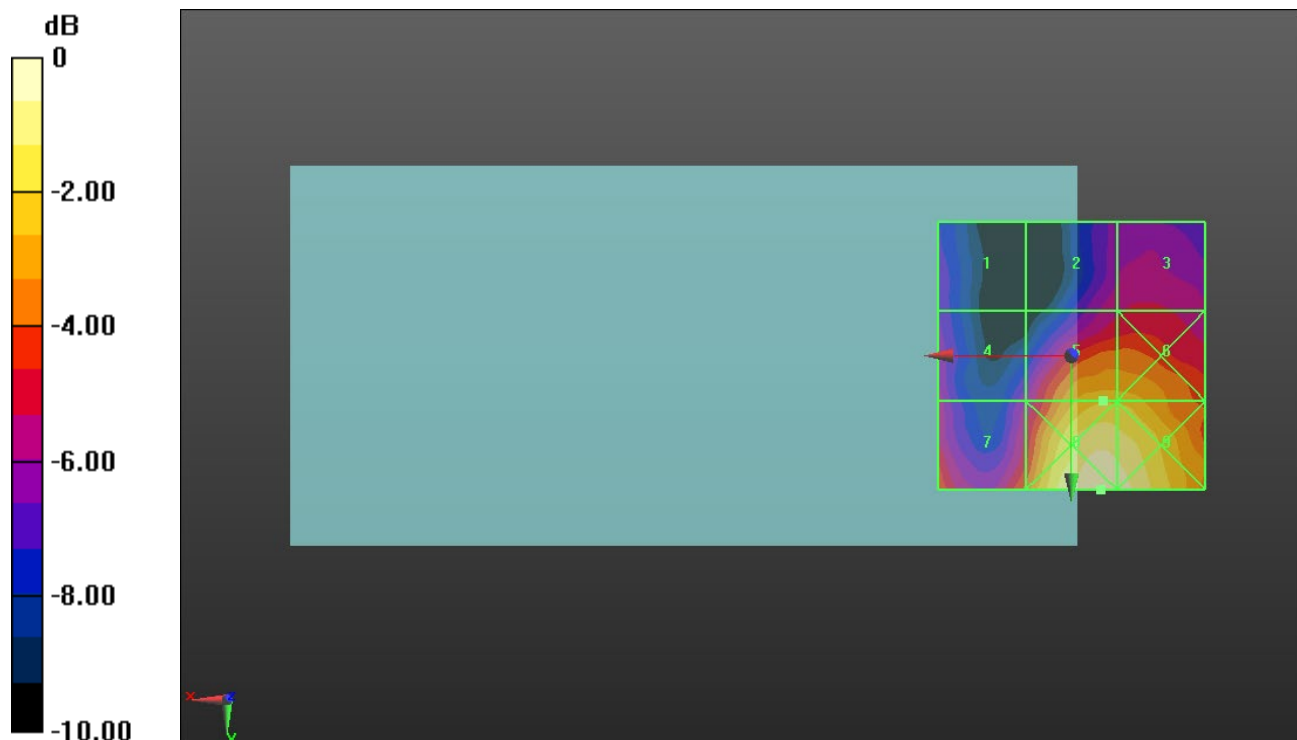
Applied MIF = -1.44 dB

RF audio interference level = 24.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.62 dBV/m	Grid 2 M4 20.81 dBV/m	Grid 3 M4 21.1 dBV/m
Grid 4 M4 20.8 dBV/m	Grid 5 M4 24.18 dBV/m	Grid 6 M4 24.14 dBV/m
Grid 7 M4 22.58 dBV/m	Grid 8 M4 26.26 dBV/m	Grid 9 M4 25.97 dBV/m



0 dB = 20.57 V/m = 26.26 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 = 22.51 V/m; Power Drift = 0.13 dB

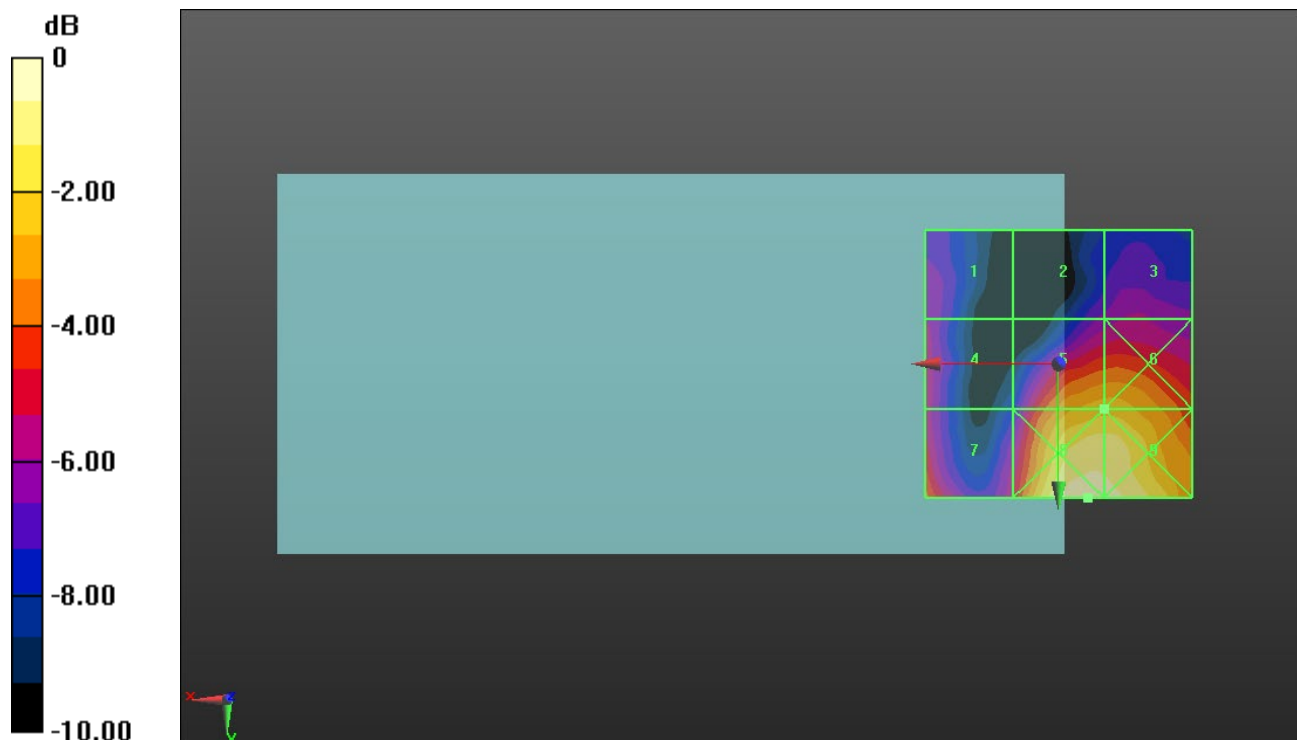
Applied MIF = -1.44 dB

RF audio interference level = 23.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.78 dBV/m	Grid 2 M4 19.36 dBV/m	Grid 3 M4 19.93 dBV/m
Grid 4 M4 20.49 dBV/m	Grid 5 M4 23.54 dBV/m	Grid 6 M4 23.55 dBV/m
Grid 7 M4 22.23 dBV/m	Grid 8 M4 25.78 dBV/m	Grid 9 M4 25.49 dBV/m



0 dB = 19.46 V/m = 25.78 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 53_E-Field measurement/SC-FDMA RB 1/49 10 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.297 V/m; Power Drift = -0.01 dB

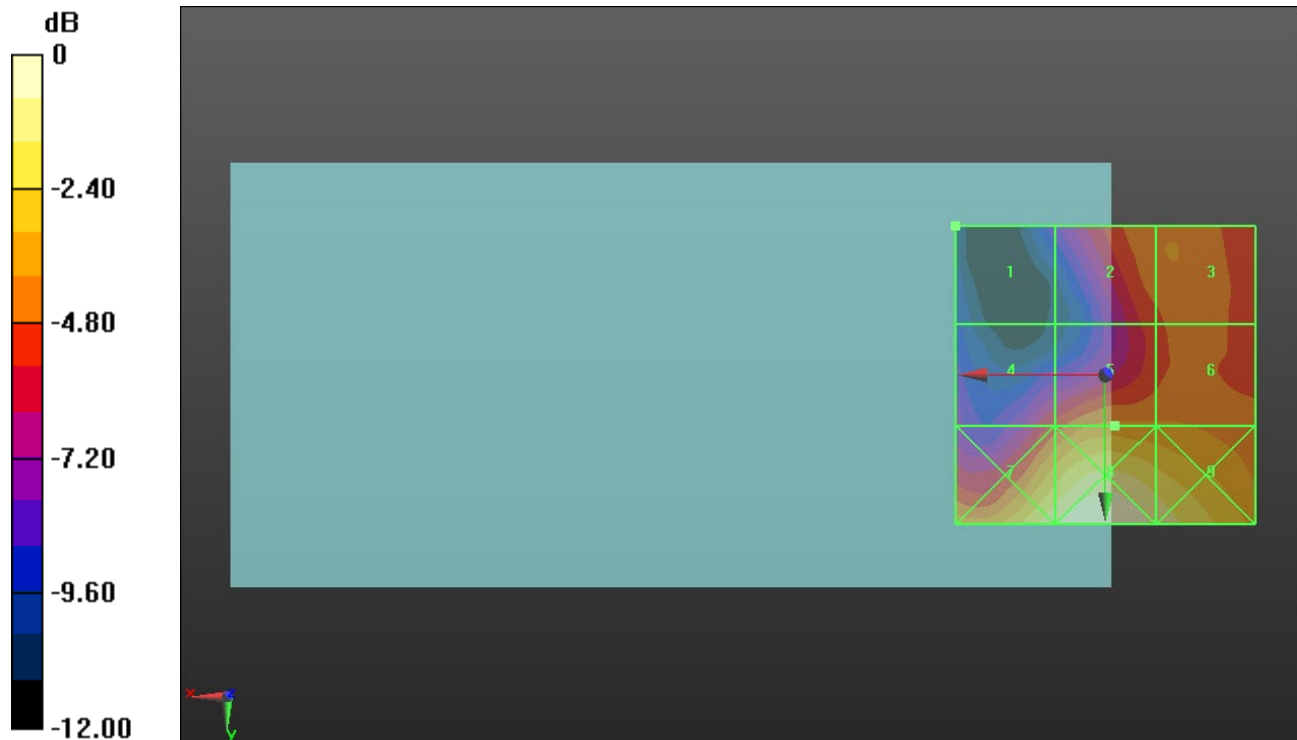
Applied MIF = -1.44 dB

RF audio interference level = 20.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.43 dBV/m	Grid 2 M4 20.41 dBV/m	Grid 3 M4 20.55 dBV/m
Grid 4 M4 19.23 dBV/m	Grid 5 M4 20.81 dBV/m	Grid 6 M4 20.68 dBV/m
Grid 7 M4 23.64 dBV/m	Grid 8 M4 24.5 dBV/m	Grid 9 M4 23.48 dBV/m



0 dB = 16.79 V/m = 24.50 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 = 126.2 V/m; Power Drift = -0.03 dB

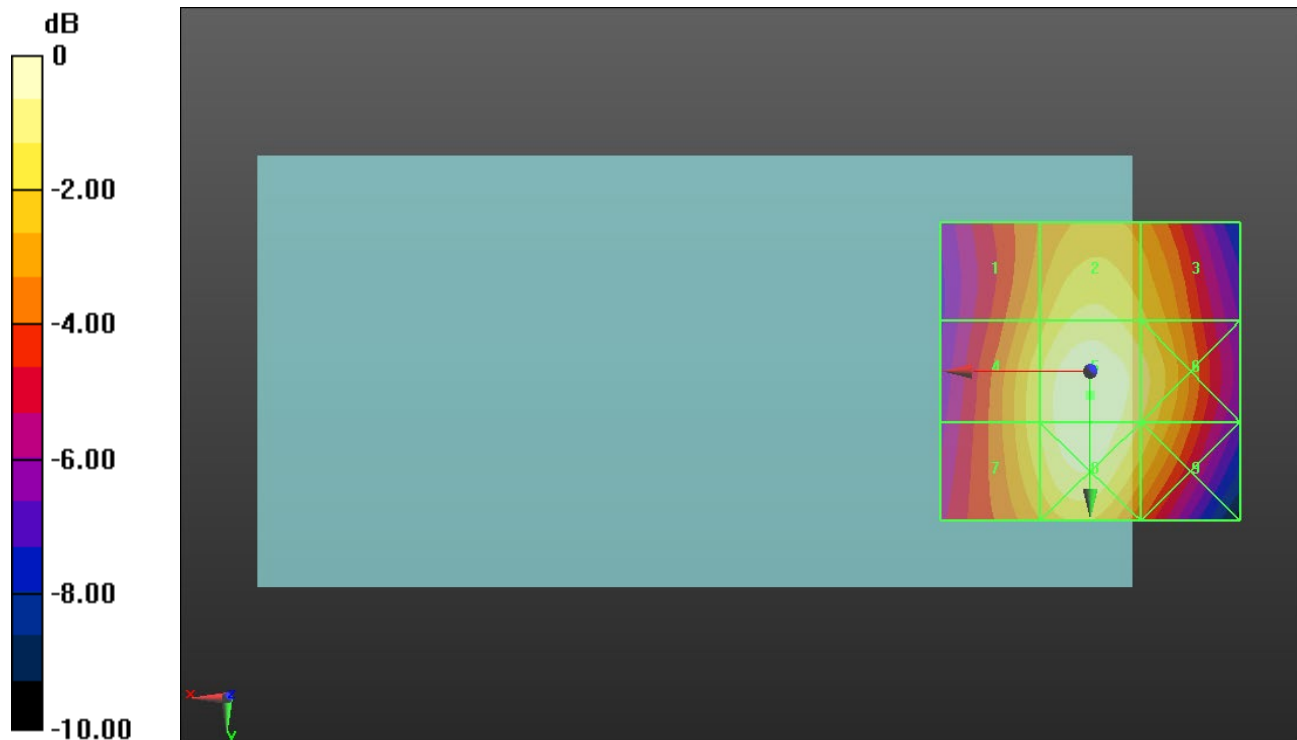
Applied MIF = 3.63 dB

RF audio interference level = 40.23 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.89 dBV/m	Grid 2 M4 39.19 dBV/m	Grid 3 M4 38.44 dBV/m
Grid 4 M4 38.94 dBV/m	Grid 5 M3 40.23 dBV/m	Grid 6 M4 39.21 dBV/m
Grid 7 M4 38.91 dBV/m	Grid 8 M3 40.15 dBV/m	Grid 9 M4 38.88 dBV/m



0 dB = 102.7 V/m = 40.23 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 = 136.9 V/m; Power Drift = -0.01 dB

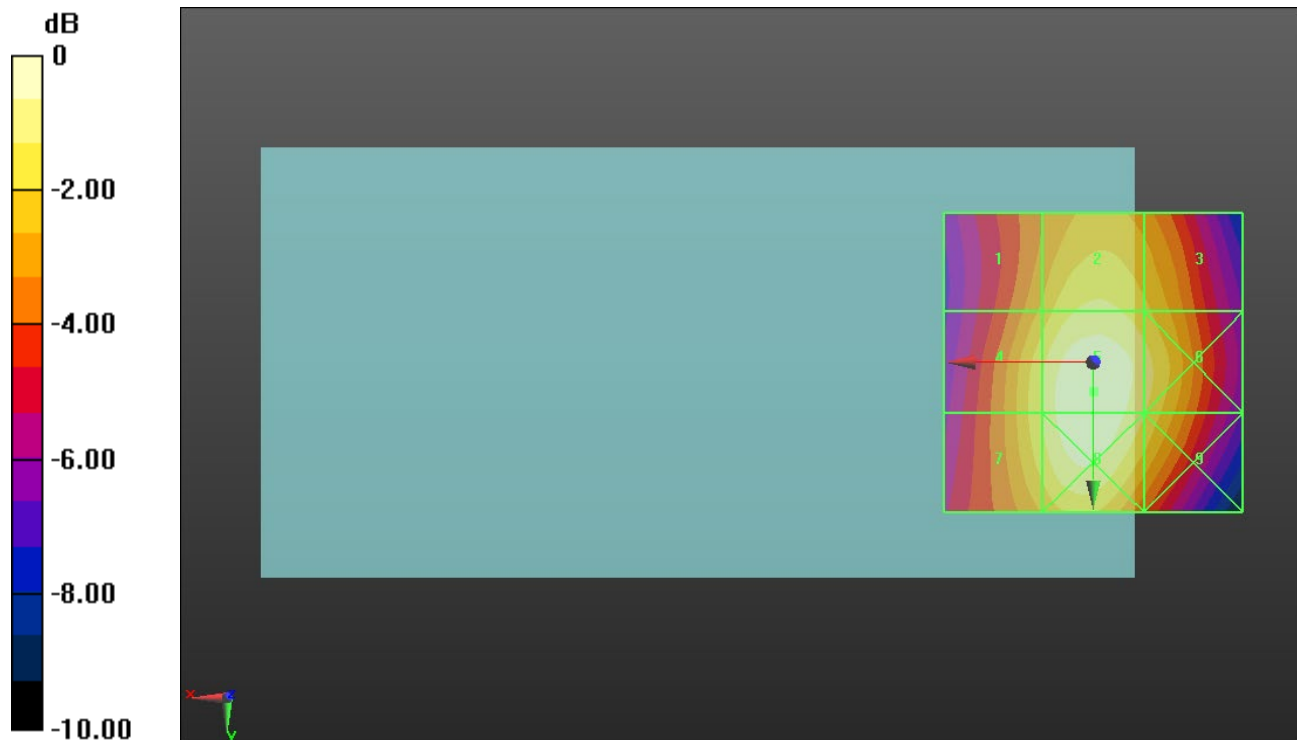
Applied MIF = 3.63 dB

RF audio interference level = 40.95 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.5 dBV/m	Grid 2 M4 39.83 dBV/m	Grid 3 M4 39.16 dBV/m
Grid 4 M4 39.67 dBV/m	Grid 5 M3 40.95 dBV/m	Grid 6 M4 39.95 dBV/m
Grid 7 M4 39.66 dBV/m	Grid 8 M3 40.88 dBV/m	Grid 9 M4 39.66 dBV/m



0 dB = 111.5 V/m = 40.95 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 = 138.8 V/m; Power Drift = 0.01 dB

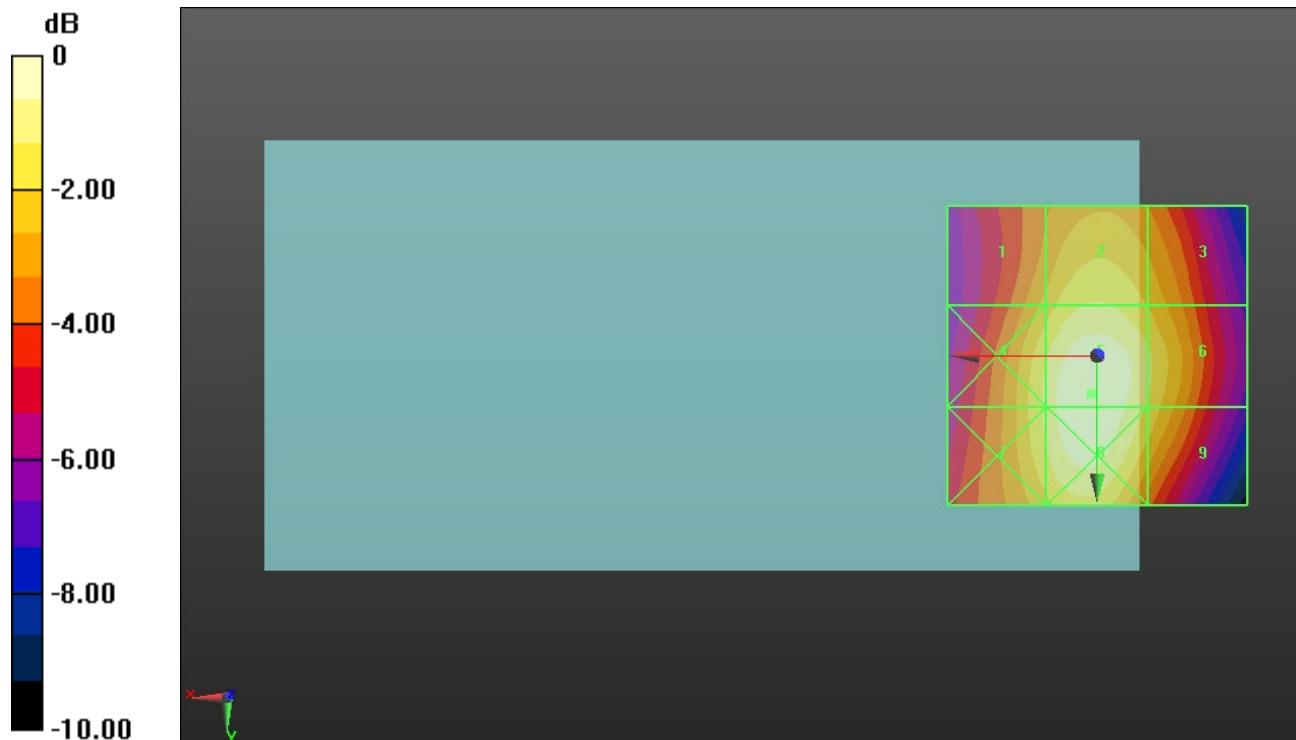
Applied MIF = 3.63 dB

RF audio interference level = 41.18 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.81 dBV/m	Grid 2 M4 39.91 dBV/m	Grid 3 M4 39.15 dBV/m
Grid 4 M3 40.07 dBV/m	Grid 5 M3 41.18 dBV/m	Grid 6 M3 40.02 dBV/m
Grid 7 M3 40.06 dBV/m	Grid 8 M3 41.16 dBV/m	Grid 9 M4 39.75 dBV/m



0 dB = 114.6 V/m = 41.18 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 = 19.14 V/m; Power Drift = 0.01 dB

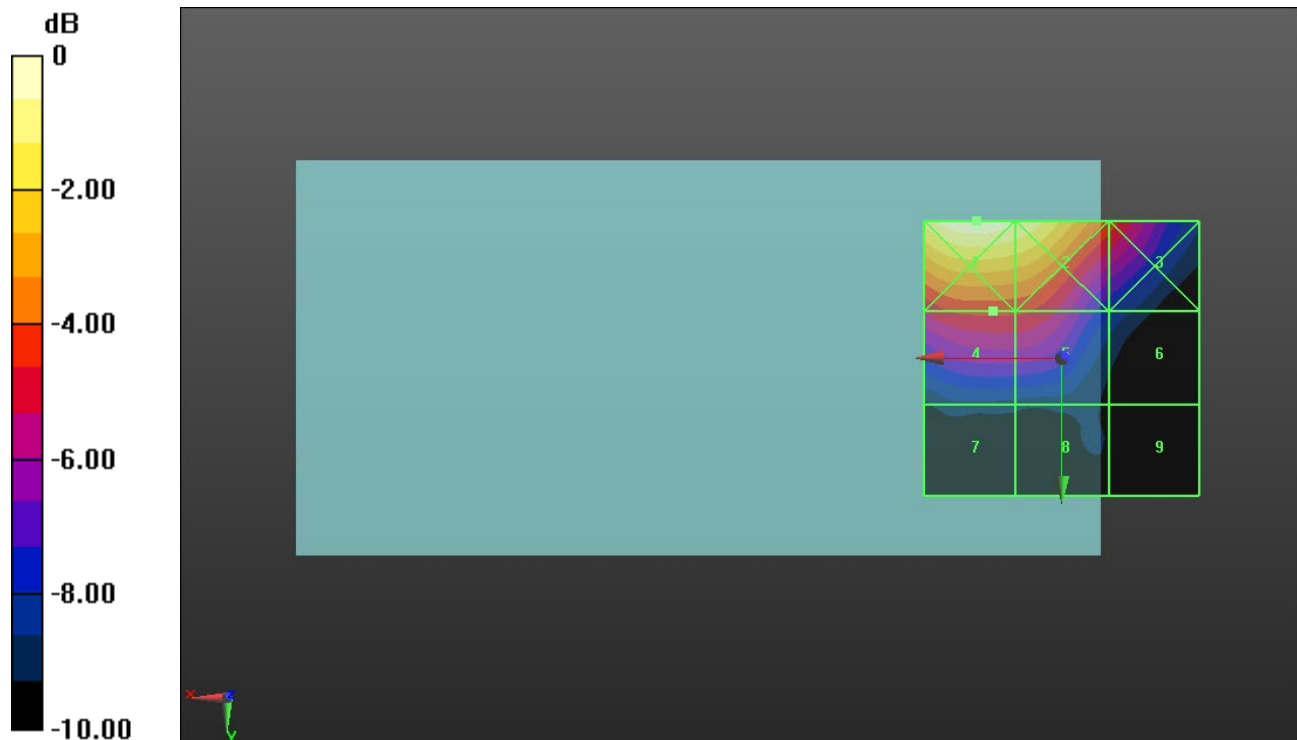
Applied MIF = 3.63 dB

RF audio interference level = 29.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.51 dBV/m	Grid 2 M3 33.04 dBV/m	Grid 3 M4 29.36 dBV/m
Grid 4 M4 29.06 dBV/m	Grid 5 M4 29 dBV/m	Grid 6 M4 25.7 dBV/m
Grid 7 M4 24.73 dBV/m	Grid 8 M4 24.55 dBV/m	Grid 9 M4 24.14 dBV/m



0 dB = 47.35 V/m = 33.51 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 = 18.42 V/m; Power Drift = 0.04 dB

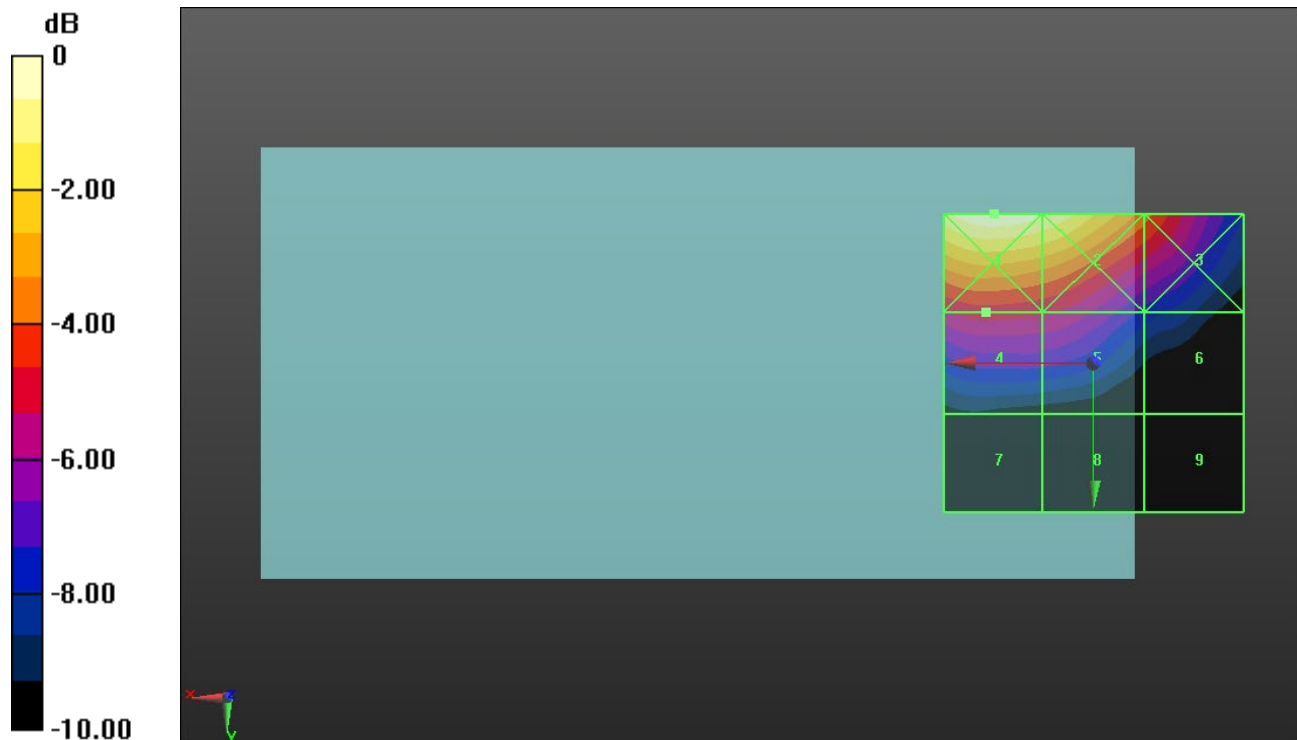
Applied MIF = 3.63 dB

RF audio interference level = 28.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.78 dBV/m	Grid 2 M3 33.26 dBV/m	Grid 3 M3 30.13 dBV/m
Grid 4 M4 28.82 dBV/m	Grid 5 M4 28.58 dBV/m	Grid 6 M4 26.26 dBV/m
Grid 7 M4 24.37 dBV/m	Grid 8 M4 23.98 dBV/m	Grid 9 M4 23.38 dBV/m



0 dB = 48.86 V/m = 33.78 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 = 18.54 V/m; Power Drift = -0.20 dB

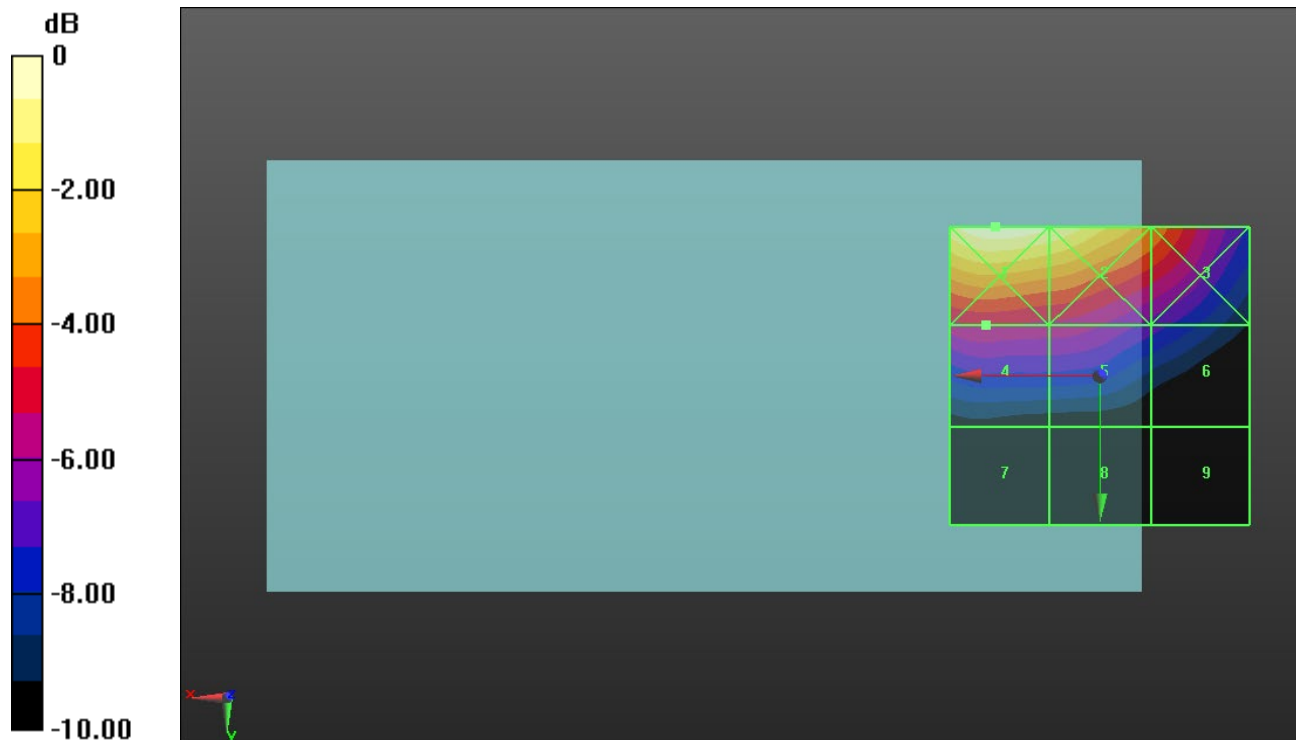
Applied MIF = 3.63 dB

RF audio interference level = 28.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.66 dBV/m	Grid 2 M3 33.16 dBV/m	Grid 3 M3 30.39 dBV/m
Grid 4 M4 28.43 dBV/m	Grid 5 M4 28.15 dBV/m	Grid 6 M4 26.75 dBV/m
Grid 7 M4 24.07 dBV/m	Grid 8 M4 23.61 dBV/m	Grid 9 M4 23.34 dBV/m



0 dB = 48.18 V/m = 33.66 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.54 V/m; Power Drift = 0.02 dB

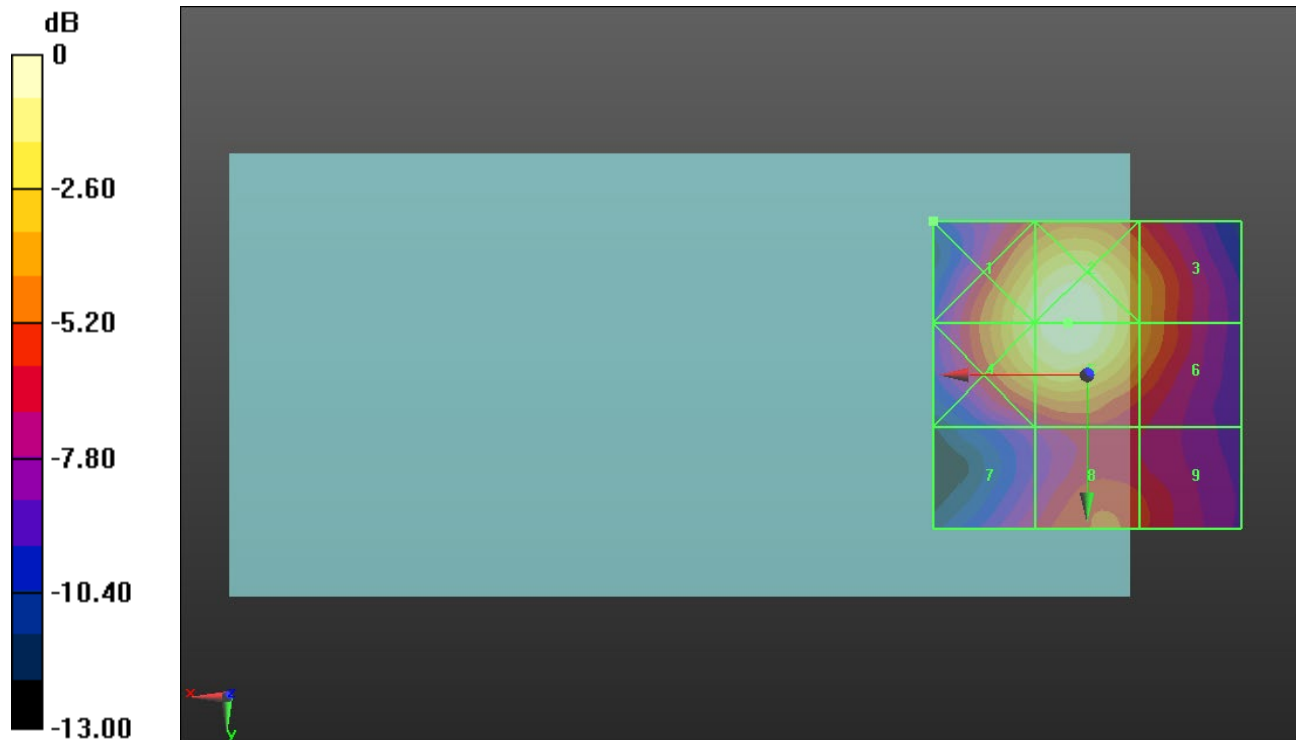
Applied MIF = -1.44 dB

RF audio interference level = 27.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.53 dBV/m	Grid 2 M4 27.65 dBV/m	Grid 3 M4 24.22 dBV/m
Grid 4 M4 26.53 dBV/m	Grid 5 M4 27.63 dBV/m	Grid 6 M4 24.19 dBV/m
Grid 7 M4 20.83 dBV/m	Grid 8 M4 22.6 dBV/m	Grid 9 M4 21.93 dBV/m



0 dB = 24.12 V/m = 27.65 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 = 27.08 V/m; Power Drift = -0.17 dB

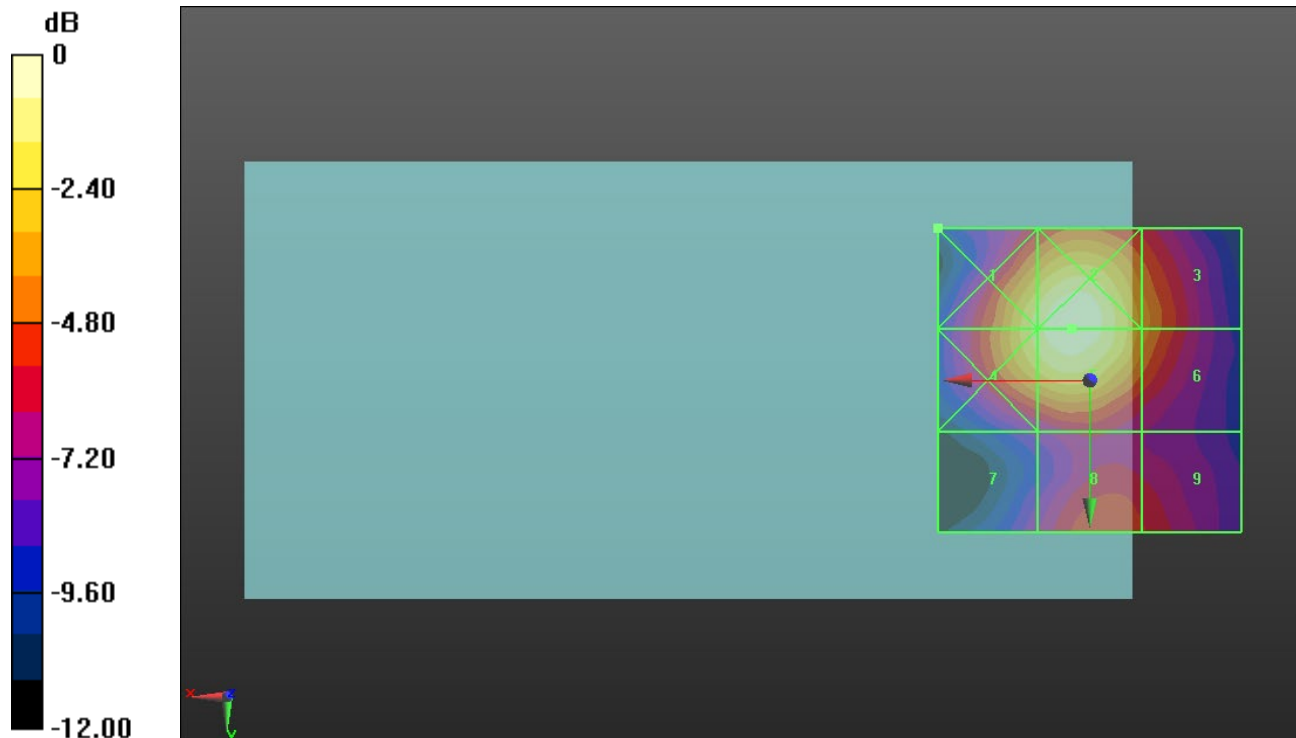
Applied MIF = -1.44 dB

RF audio interference level = 25.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.26 dBV/m	Grid 2 M4 25.4 dBV/m	Grid 3 M4 21.97 dBV/m
Grid 4 M4 24.26 dBV/m	Grid 5 M4 25.37 dBV/m	Grid 6 M4 21.94 dBV/m
Grid 7 M4 18.27 dBV/m	Grid 8 M4 20.54 dBV/m	Grid 9 M4 19.95 dBV/m



0 dB = 18.63 V/m = 25.40 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 = 26.75 V/m; Power Drift = -0.01 dB

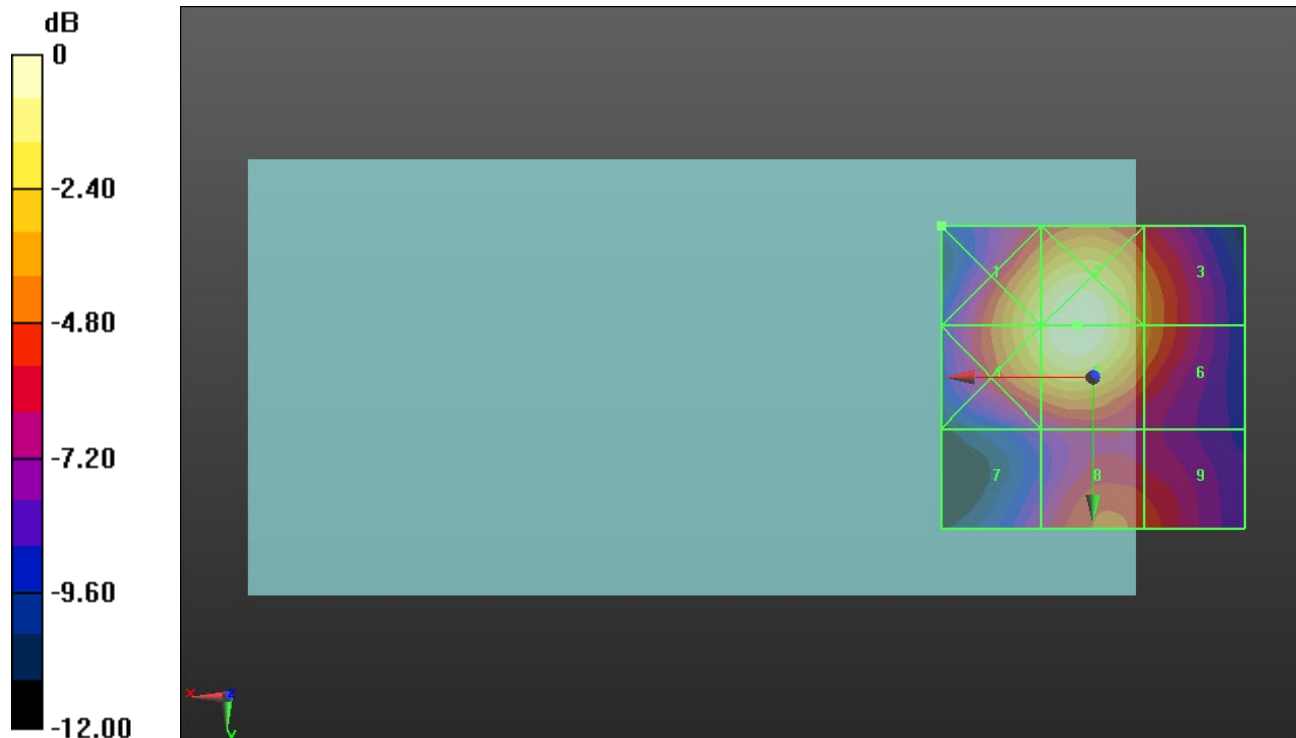
Applied MIF = -1.44 dB

RF audio interference level = 25.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.11 dBV/m	Grid 2 M4 25.32 dBV/m	Grid 3 M4 21.84 dBV/m
Grid 4 M4 24.11 dBV/m	Grid 5 M4 25.32 dBV/m	Grid 6 M4 21.83 dBV/m
Grid 7 M4 18.49 dBV/m	Grid 8 M4 20.7 dBV/m	Grid 9 M4 20.27 dBV/m



0 dB = 18.44 V/m = 25.32 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.28 V/m; Power Drift = -0.17 dB

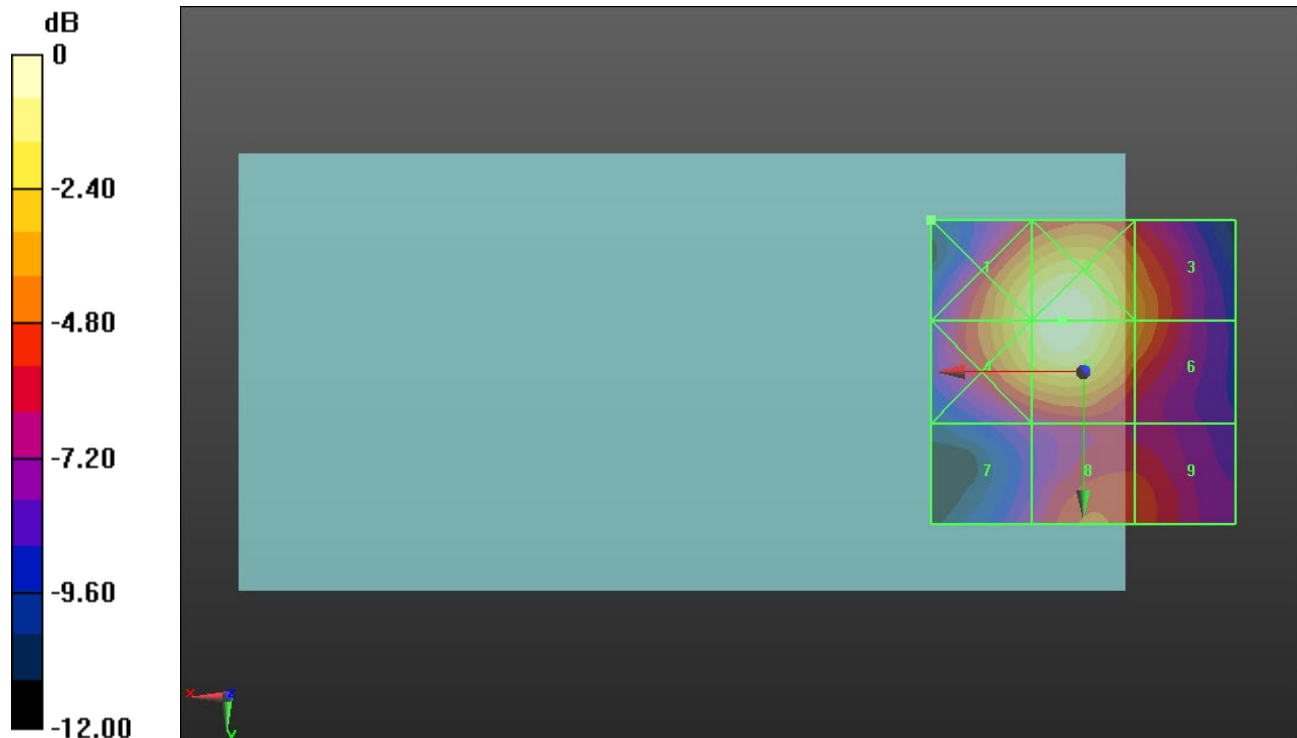
Applied MIF = -1.44 dB

RF audio interference level = 25.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.53 dBV/m	Grid 2 M4 25.71 dBV/m	Grid 3 M4 22.38 dBV/m
Grid 4 M4 24.53 dBV/m	Grid 5 M4 25.71 dBV/m	Grid 6 M4 22.34 dBV/m
Grid 7 M4 18.72 dBV/m	Grid 8 M4 21.12 dBV/m	Grid 9 M4 20.66 dBV/m



0 dB = 19.29 V/m = 25.71 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.99 V/m; Power Drift = -0.07 dB

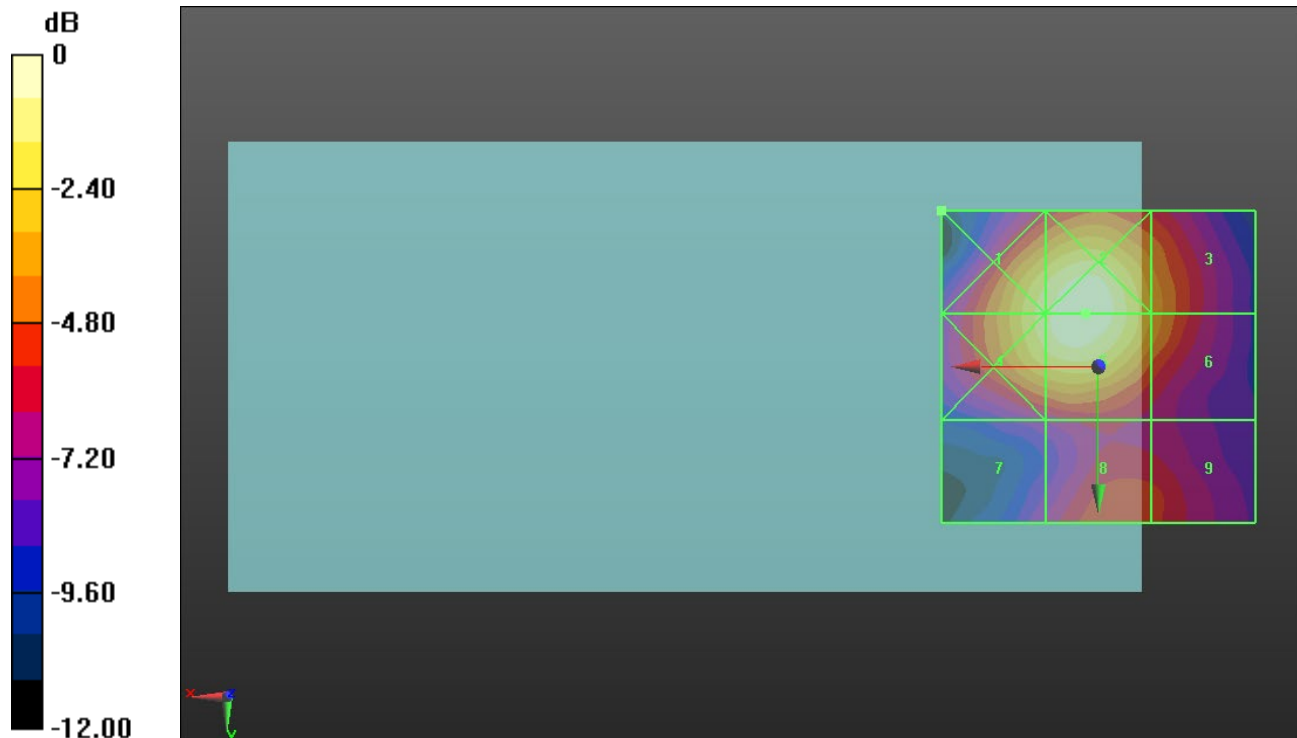
Applied MIF = -1.44 dB

RF audio interference level = 25.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.63 dBV/m	Grid 2 M4 25.68 dBV/m	Grid 3 M4 22.4 dBV/m
Grid 4 M4 24.64 dBV/m	Grid 5 M4 25.67 dBV/m	Grid 6 M4 22.39 dBV/m
Grid 7 M4 18.67 dBV/m	Grid 8 M4 20.79 dBV/m	Grid 9 M4 20.4 dBV/m



0 dB = 19.23 V/m = 25.68 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.55 V/m; Power Drift = 0.06 dB

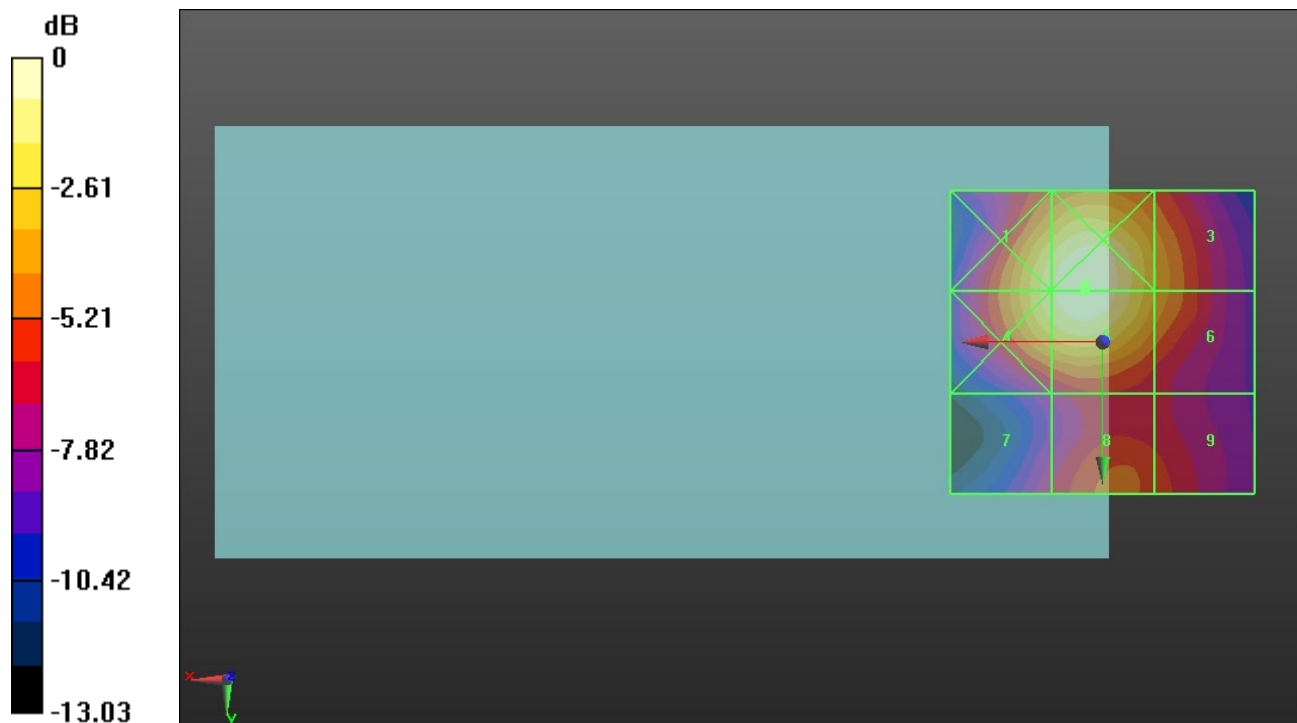
Applied MIF = -1.44 dB

RF audio interference level = 31.00 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.97 dBV/m	Grid 2 M3 31.03 dBV/m	Grid 3 M4 27.7 dBV/m
Grid 4 M4 29.97 dBV/m	Grid 5 M3 31 dBV/m	Grid 6 M4 27.64 dBV/m
Grid 7 M4 24.18 dBV/m	Grid 8 M4 26.09 dBV/m	Grid 9 M4 25.48 dBV/m



0 dB = 35.61 V/m = 31.03 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 = 40.68 V/m; Power Drift = -0.06 dB

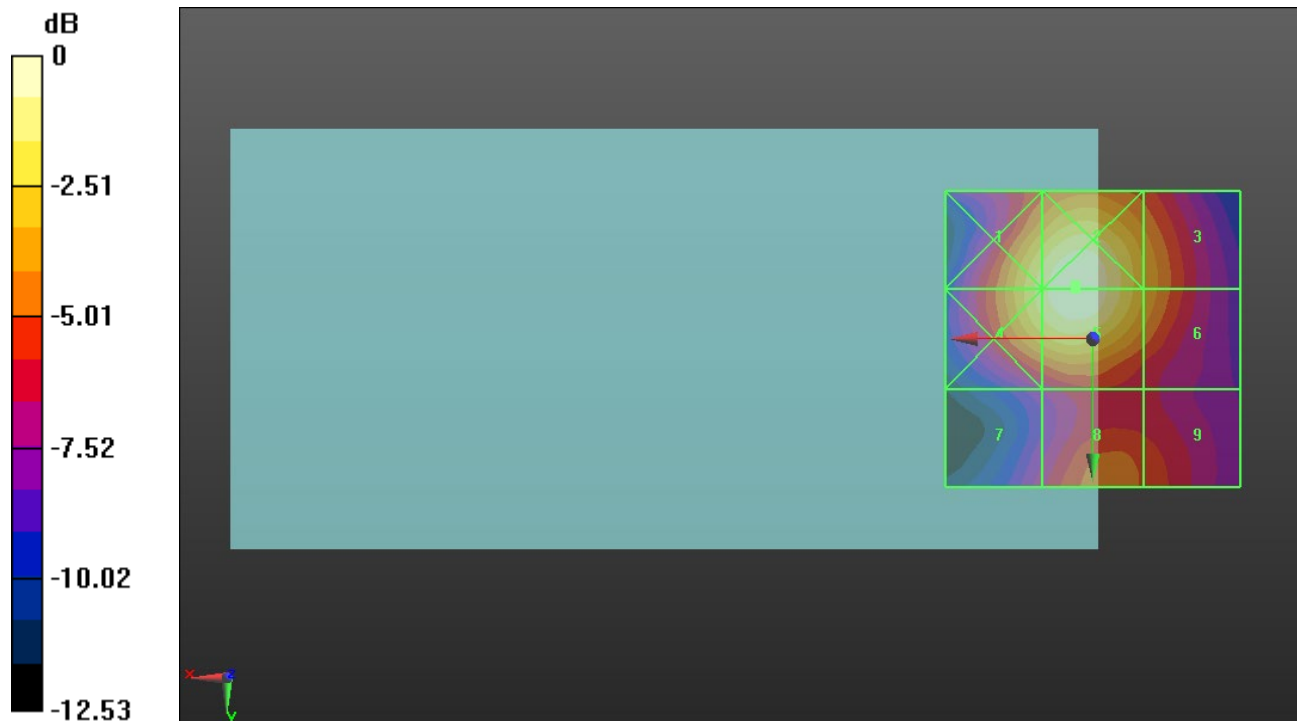
Applied MIF = -1.44 dB

RF audio interference level = 28.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.78 dBV/m	Grid 2 M4 28.92 dBV/m	Grid 3 M4 25.74 dBV/m
Grid 4 M4 27.79 dBV/m	Grid 5 M4 28.92 dBV/m	Grid 6 M4 25.71 dBV/m
Grid 7 M4 22.05 dBV/m	Grid 8 M4 24.35 dBV/m	Grid 9 M4 23.82 dBV/m



0 dB = 27.92 V/m = 28.92 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 = 39.72 V/m; Power Drift = -0.02 dB

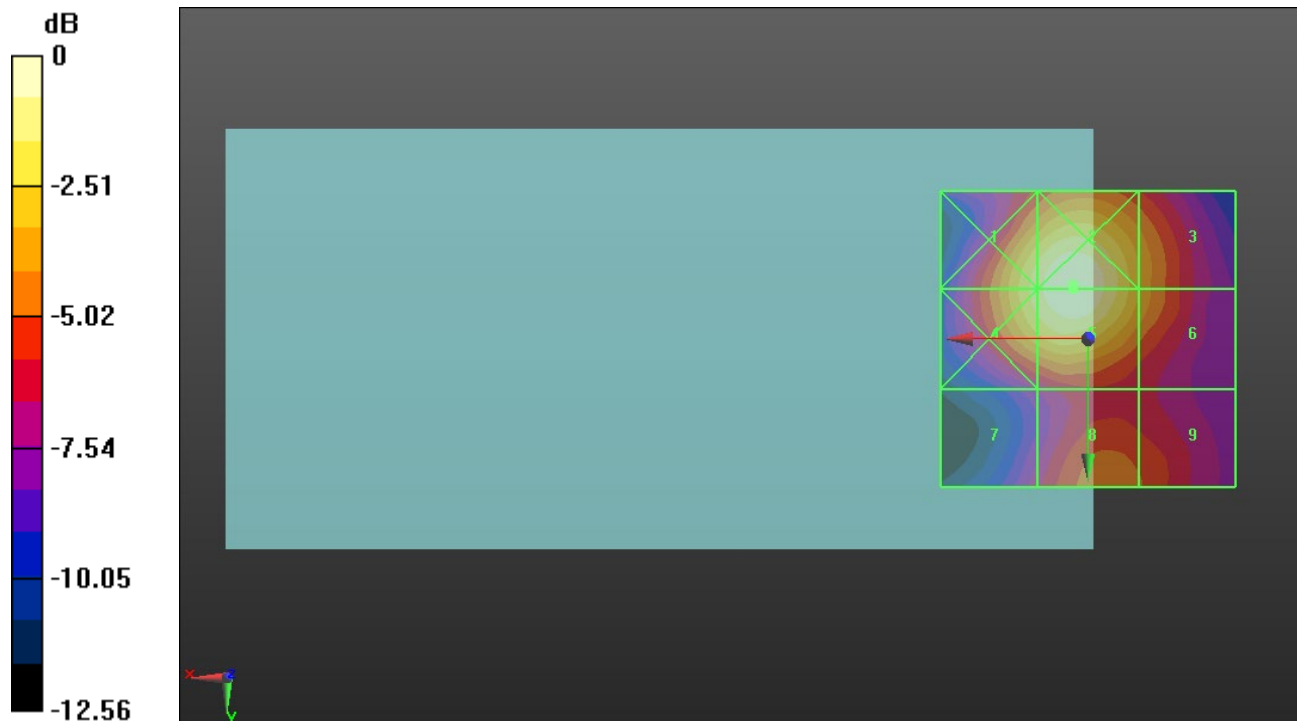
Applied MIF = -1.44 dB

RF audio interference level = 28.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.75 dBV/m	Grid 2 M4 28.87 dBV/m	Grid 3 M4 25.58 dBV/m
Grid 4 M4 27.75 dBV/m	Grid 5 M4 28.87 dBV/m	Grid 6 M4 25.58 dBV/m
Grid 7 M4 22.02 dBV/m	Grid 8 M4 24.55 dBV/m	Grid 9 M4 24.03 dBV/m



0 dB = 27.78 V/m = 28.87 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 = 39.73 V/m; Power Drift = -0.07 dB

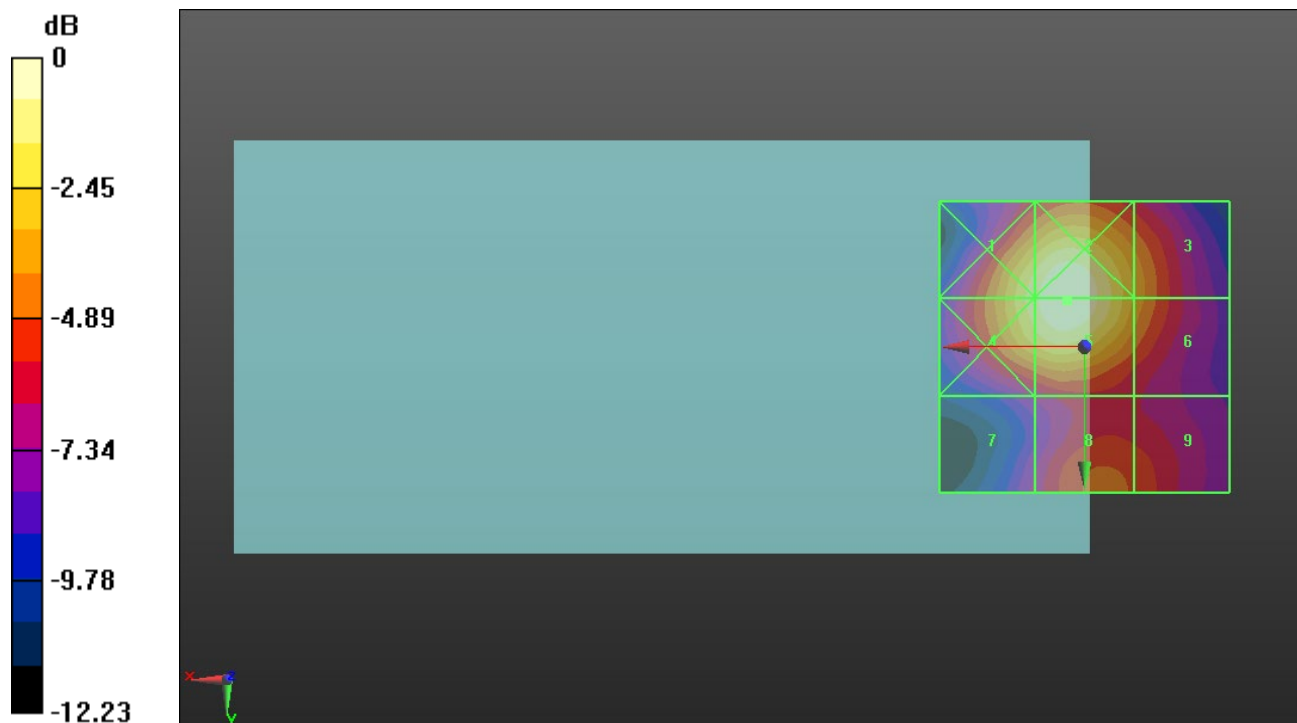
Applied MIF = -1.44 dB

RF audio interference level = 28.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.66 dBV/m	Grid 2 M4 28.69 dBV/m	Grid 3 M4 25.39 dBV/m
Grid 4 M4 27.66 dBV/m	Grid 5 M4 28.69 dBV/m	Grid 6 M4 25.36 dBV/m
Grid 7 M4 21.74 dBV/m	Grid 8 M4 24.02 dBV/m	Grid 9 M4 23.72 dBV/m



0 dB = 27.19 V/m = 28.69 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 = 38.77 V/m; Power Drift = 0.14 dB

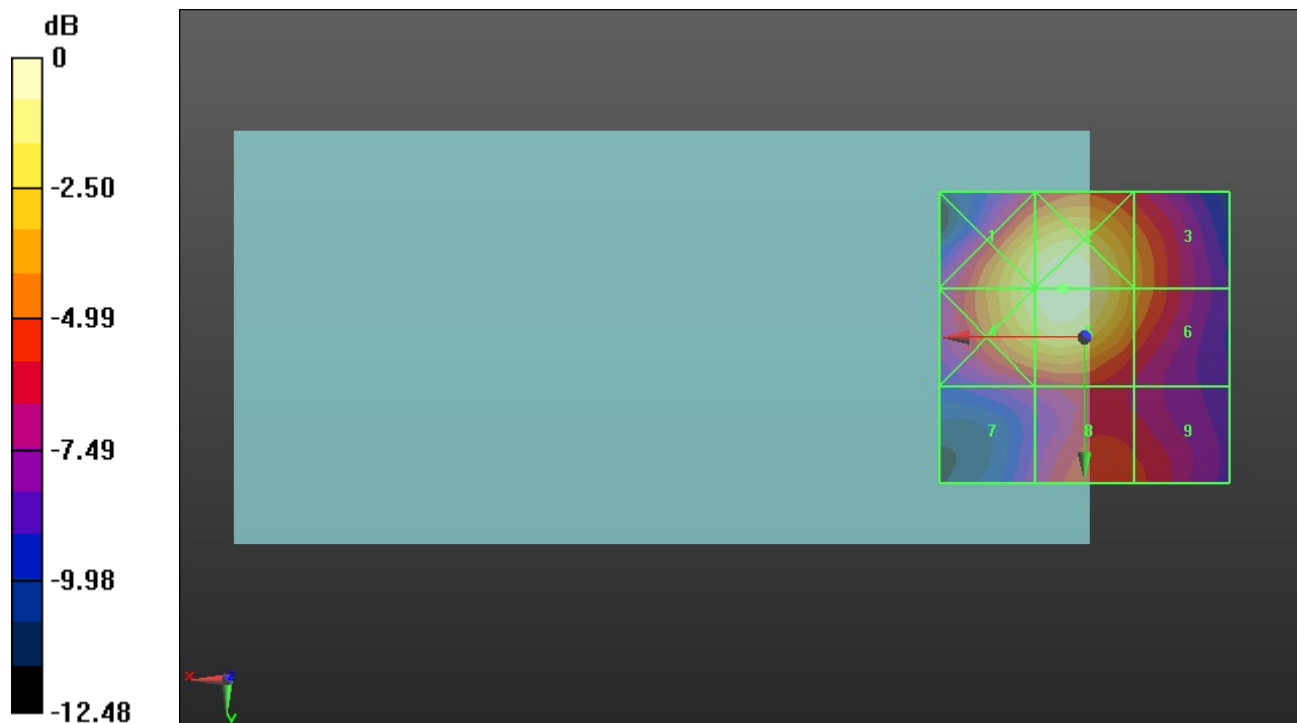
Applied MIF = -1.44 dB

RF audio interference level = 28.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.71 dBV/m	Grid 2 M4 28.65 dBV/m	Grid 3 M4 25.11 dBV/m
Grid 4 M4 27.71 dBV/m	Grid 5 M4 28.65 dBV/m	Grid 6 M4 25.08 dBV/m
Grid 7 M4 21.79 dBV/m	Grid 8 M4 23.67 dBV/m	Grid 9 M4 23.23 dBV/m



0 dB = 27.08 V/m = 28.65 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 53_E-Field measurement/SC-FDMA RB 1/49 10 MHz 16QAM Ch.

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 45.64 V/m; Power Drift = 0.05 dB

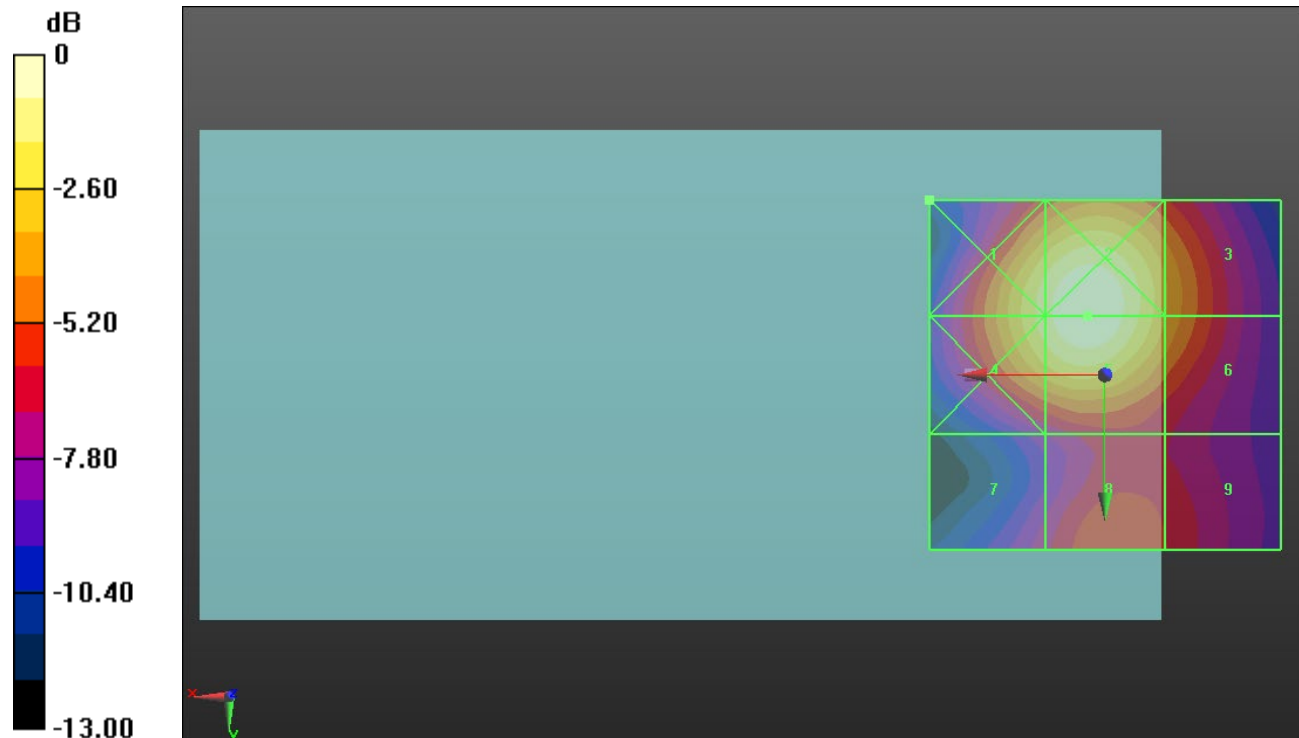
Applied MIF = -1.44 dB

RF audio interference level = 30.62 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.46 dBV/m	Grid 2 M3 30.64 dBV/m	Grid 3 M4 27.39 dBV/m
Grid 4 M4 29.45 dBV/m	Grid 5 M3 30.62 dBV/m	Grid 6 M4 27.29 dBV/m
Grid 7 M4 23.55 dBV/m	Grid 8 M4 25.37 dBV/m	Grid 9 M4 24.66 dBV/m



0 dB = 34.06 V/m = 30.64 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 = 29.09 V/m; Power Drift = 0.14 dB

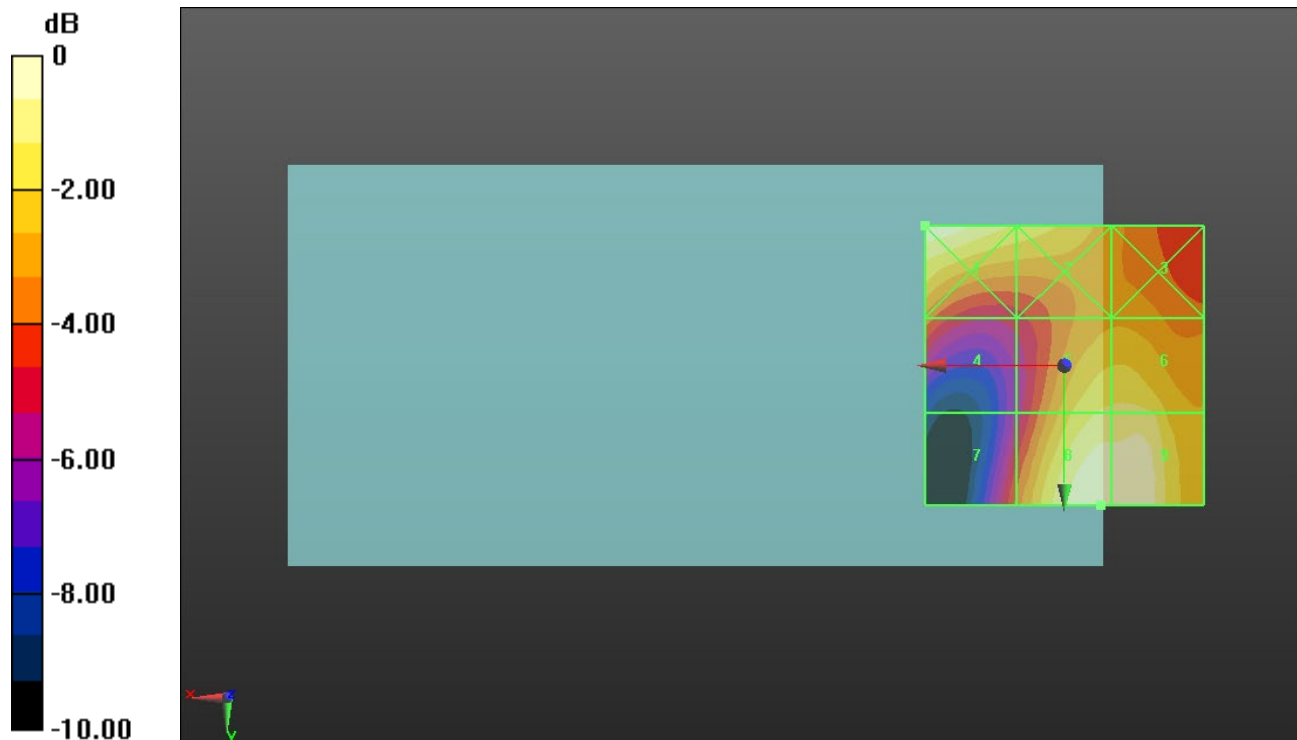
Applied MIF = 3.63 dB

RF audio interference level = 33.68 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.7 dBV/m	Grid 2 M3 32.28 dBV/m	Grid 3 M3 30.89 dBV/m
Grid 4 M3 30.18 dBV/m	Grid 5 M3 32.51 dBV/m	Grid 6 M3 32.61 dBV/m
Grid 7 M4 30 dBV/m	Grid 8 M3 33.68 dBV/m	Grid 9 M3 33.59 dBV/m



0 dB = 48.40 V/m = 33.70 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 = 28.33 V/m; Power Drift = -0.01 dB

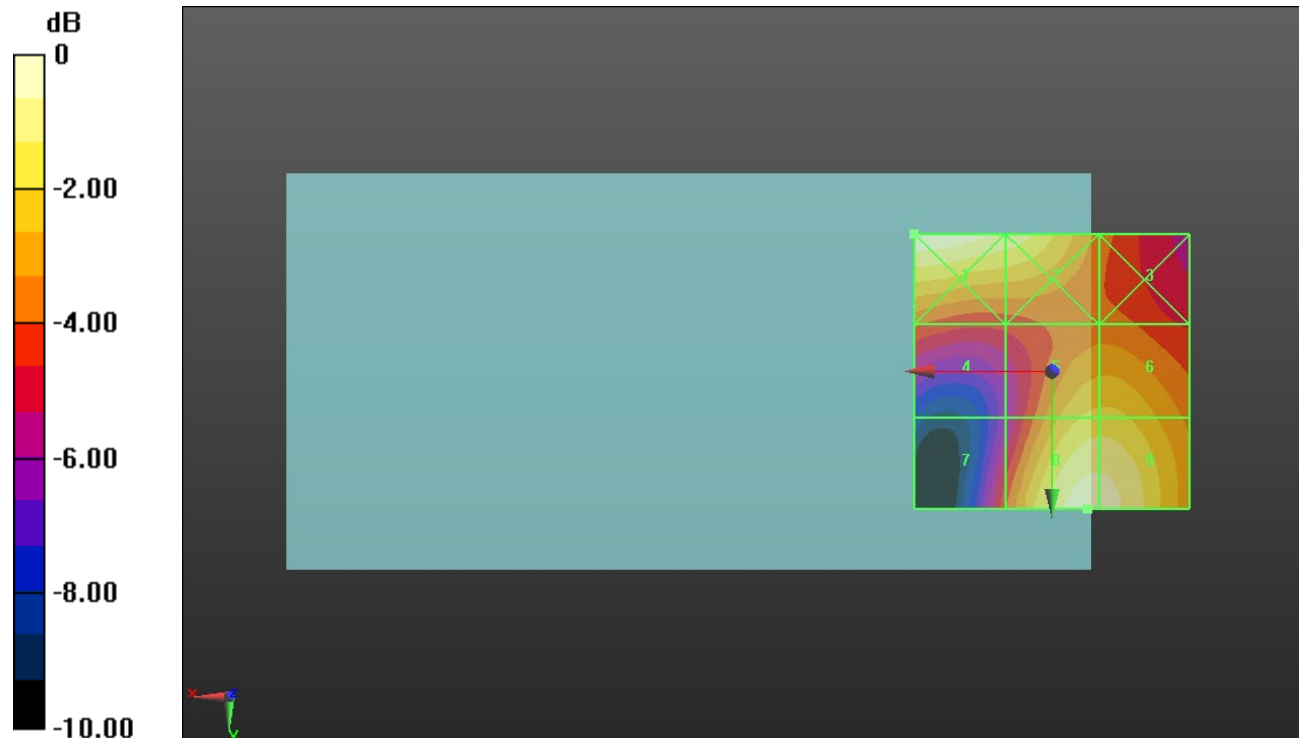
Applied MIF = 3.63 dB

RF audio interference level = 33.96 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.23 dBV/m	Grid 2 M3 33.46 dBV/m	Grid 3 M3 30.69 dBV/m
Grid 4 M3 30.35 dBV/m	Grid 5 M3 32.49 dBV/m	Grid 6 M3 32.51 dBV/m
Grid 7 M3 30.18 dBV/m	Grid 8 M3 33.96 dBV/m	Grid 9 M3 33.91 dBV/m



0 dB = 51.49 V/m = 34.23 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 = 22.45 V/m; Power Drift = 0.54 dB

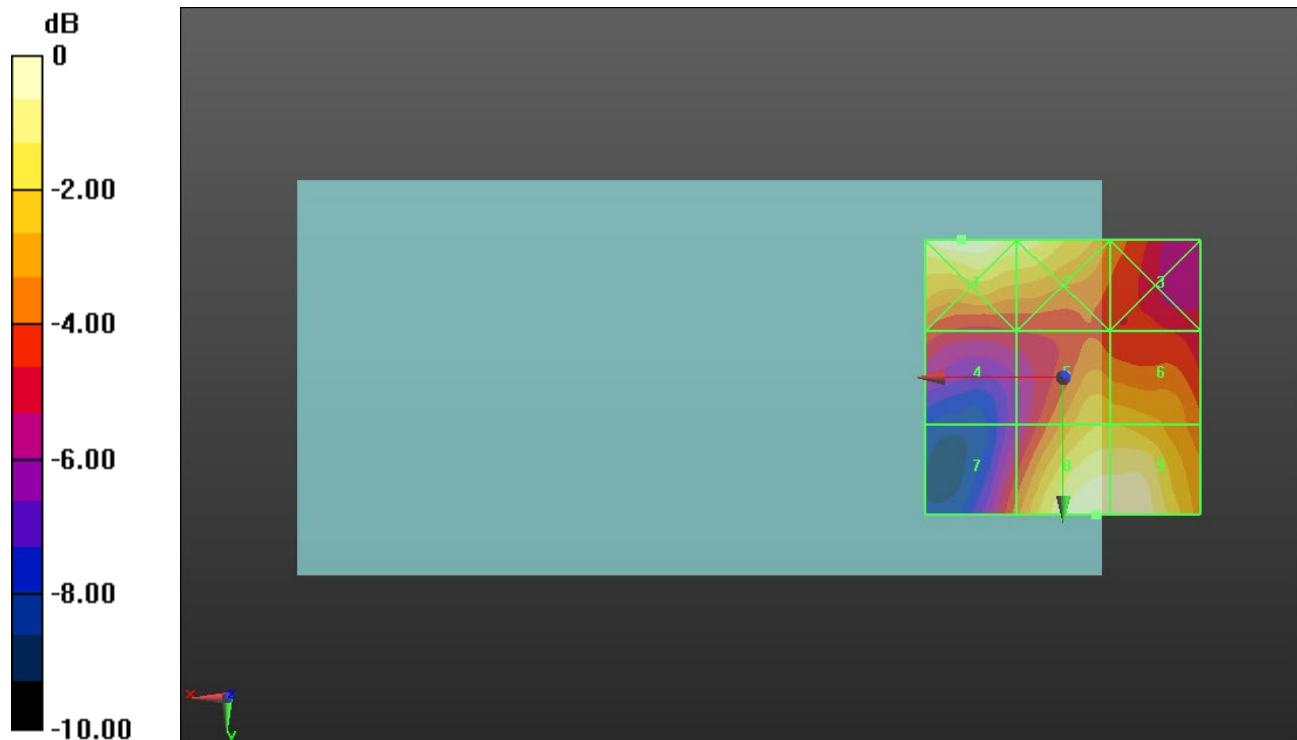
Applied MIF = 3.63 dB

RF audio interference level = 32.89 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.93 dBV/m	Grid 2 M3 32.03 dBV/m	Grid 3 M4 29.56 dBV/m
Grid 4 M4 28.88 dBV/m	Grid 5 M3 30.98 dBV/m	Grid 6 M3 30.95 dBV/m
Grid 7 M4 29.35 dBV/m	Grid 8 M3 32.89 dBV/m	Grid 9 M3 32.8 dBV/m



0 dB = 44.29 V/m = 32.93 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.20 V/m; Power Drift = 0.20 dB

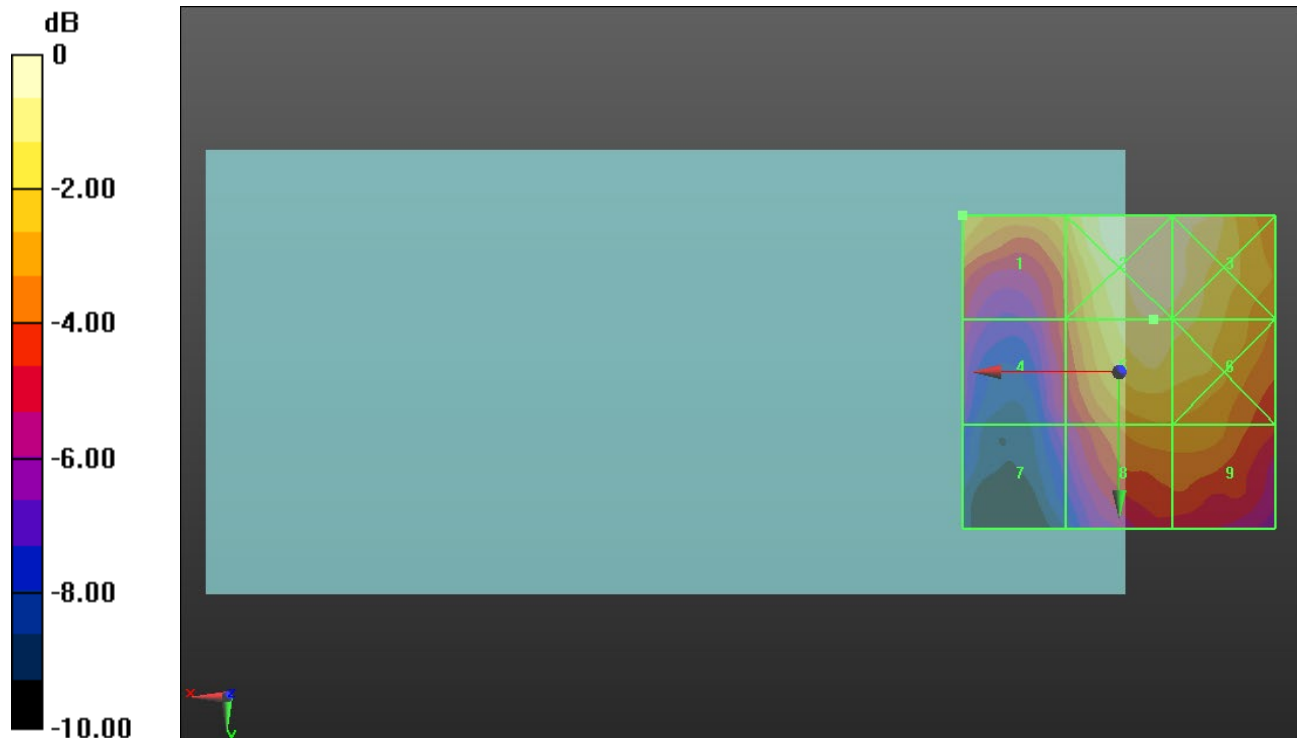
Applied MIF = -1.44 dB

RF audio interference level = 23.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.41 dBV/m	Grid 2 M4 24.22 dBV/m	Grid 3 M4 23.82 dBV/m
Grid 4 M4 20.16 dBV/m	Grid 5 M4 23.56 dBV/m	Grid 6 M4 23.35 dBV/m
Grid 7 M4 18.36 dBV/m	Grid 8 M4 21.5 dBV/m	Grid 9 M4 21.49 dBV/m



0 dB = 16.25 V/m = 24.22 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.92 V/m; Power Drift = 0.17 dB

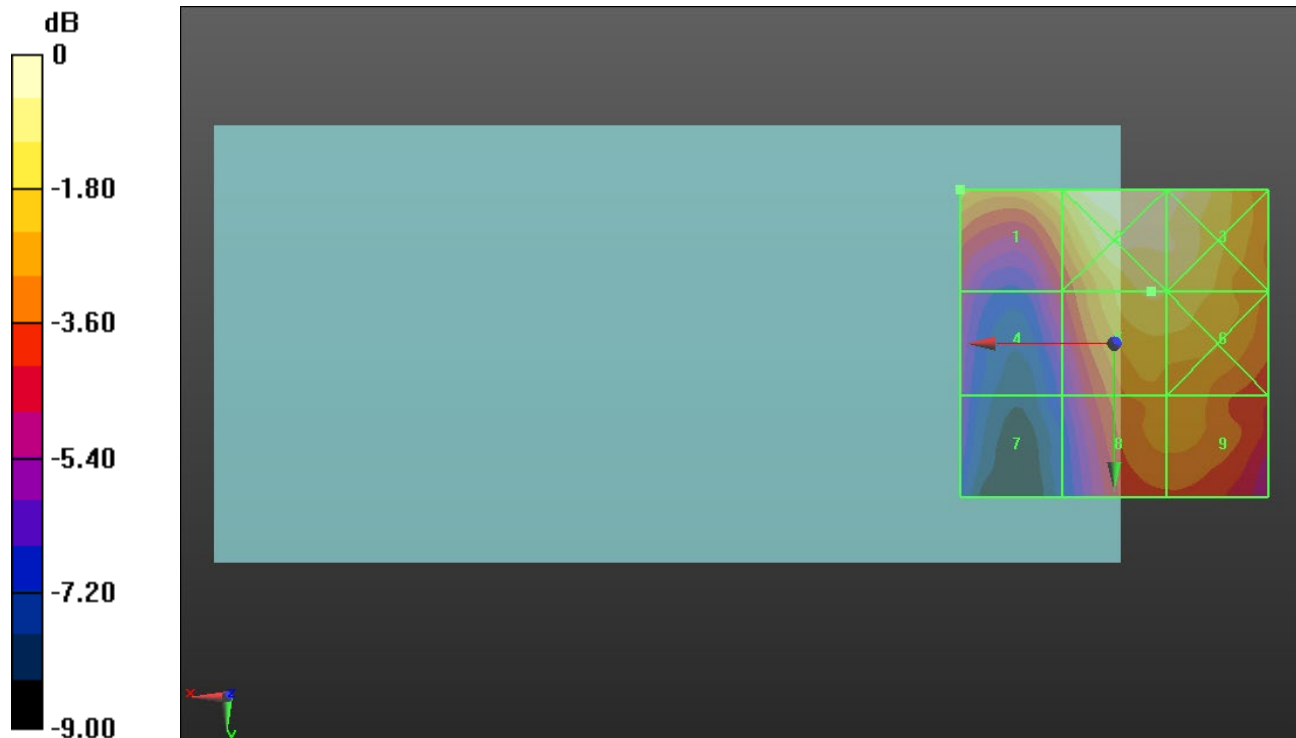
Applied MIF = -1.44 dB

RF audio interference level = 22.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.58 dBV/m	Grid 2 M4 23.85 dBV/m	Grid 3 M4 23.59 dBV/m
Grid 4 M4 19.47 dBV/m	Grid 5 M4 22.76 dBV/m	Grid 6 M4 22.65 dBV/m
Grid 7 M4 18.17 dBV/m	Grid 8 M4 21.32 dBV/m	Grid 9 M4 21.37 dBV/m



0 dB = 15.57 V/m = 23.85 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.88 V/m; Power Drift = -0.07 dB

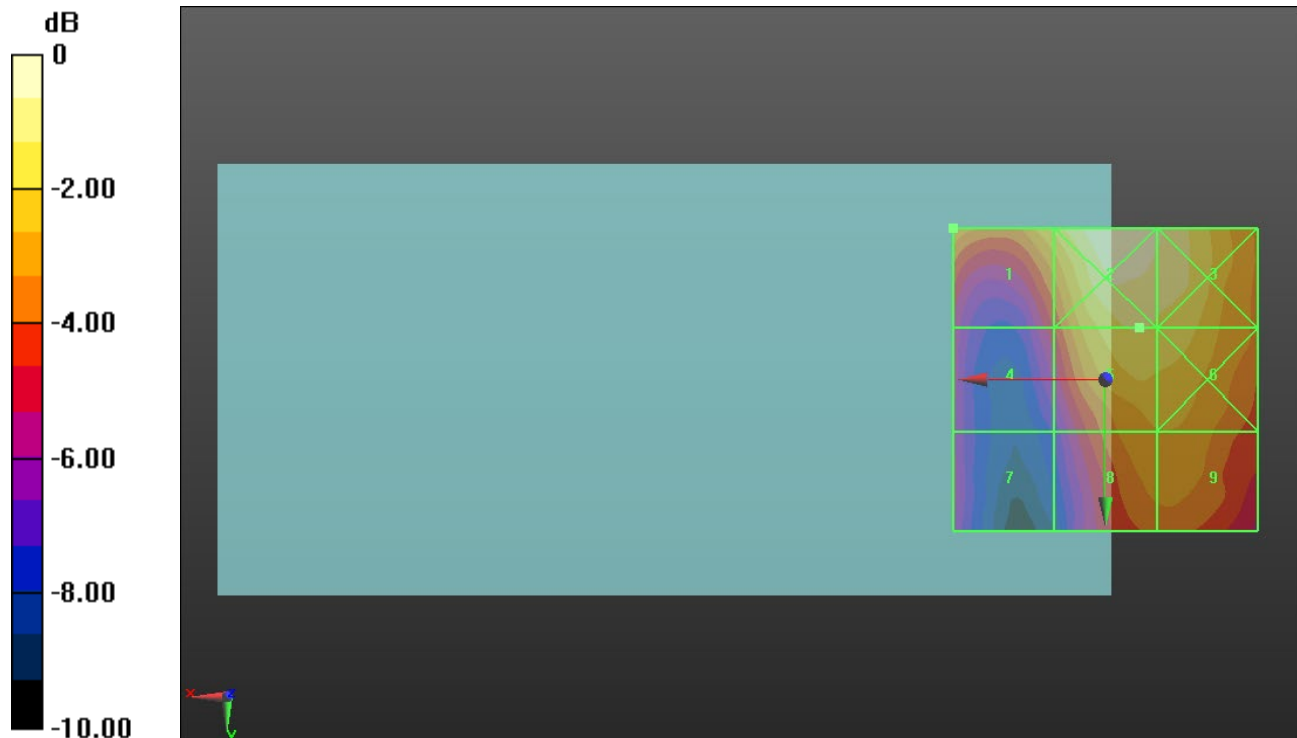
Applied MIF = -1.44 dB

RF audio interference level = 22.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.86 dBV/m	Grid 2 M4 23.61 dBV/m	Grid 3 M4 23.08 dBV/m
Grid 4 M4 18.97 dBV/m	Grid 5 M4 22.38 dBV/m	Grid 6 M4 22.17 dBV/m
Grid 7 M4 17.96 dBV/m	Grid 8 M4 20.93 dBV/m	Grid 9 M4 20.95 dBV/m



0 dB = 15.16 V/m = 23.61 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 = 0.14 dB

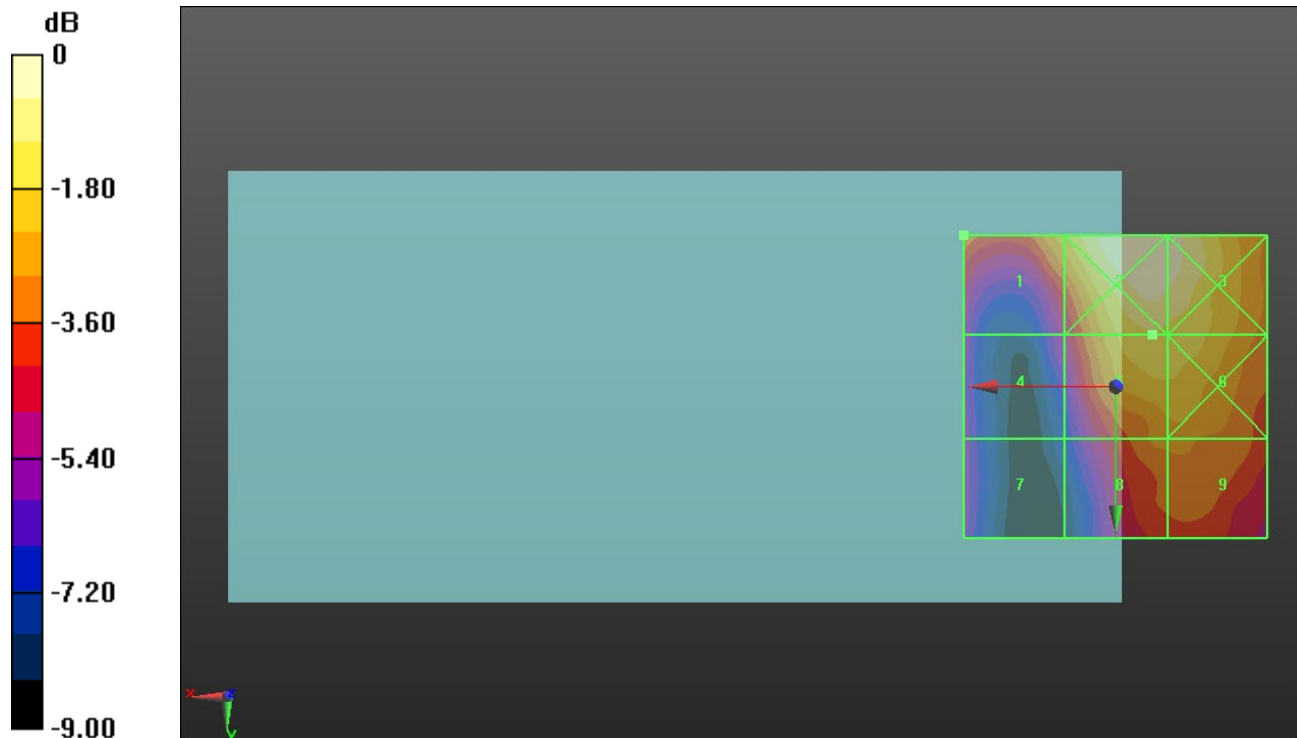
Applied MIF = -1.44 dB

RF audio interference level = 22.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.05 dBV/m	Grid 2 M4 24.01 dBV/m	Grid 3 M4 23.71 dBV/m
Grid 4 M4 18.95 dBV/m	Grid 5 M4 22.75 dBV/m	Grid 6 M4 22.65 dBV/m
Grid 7 M4 18.57 dBV/m	Grid 8 M4 21.22 dBV/m	Grid 9 M4 21.27 dBV/m



0 dB = 15.86 V/m = 24.01 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 = 17.89 V/m; Power Drift = 0.02 dB

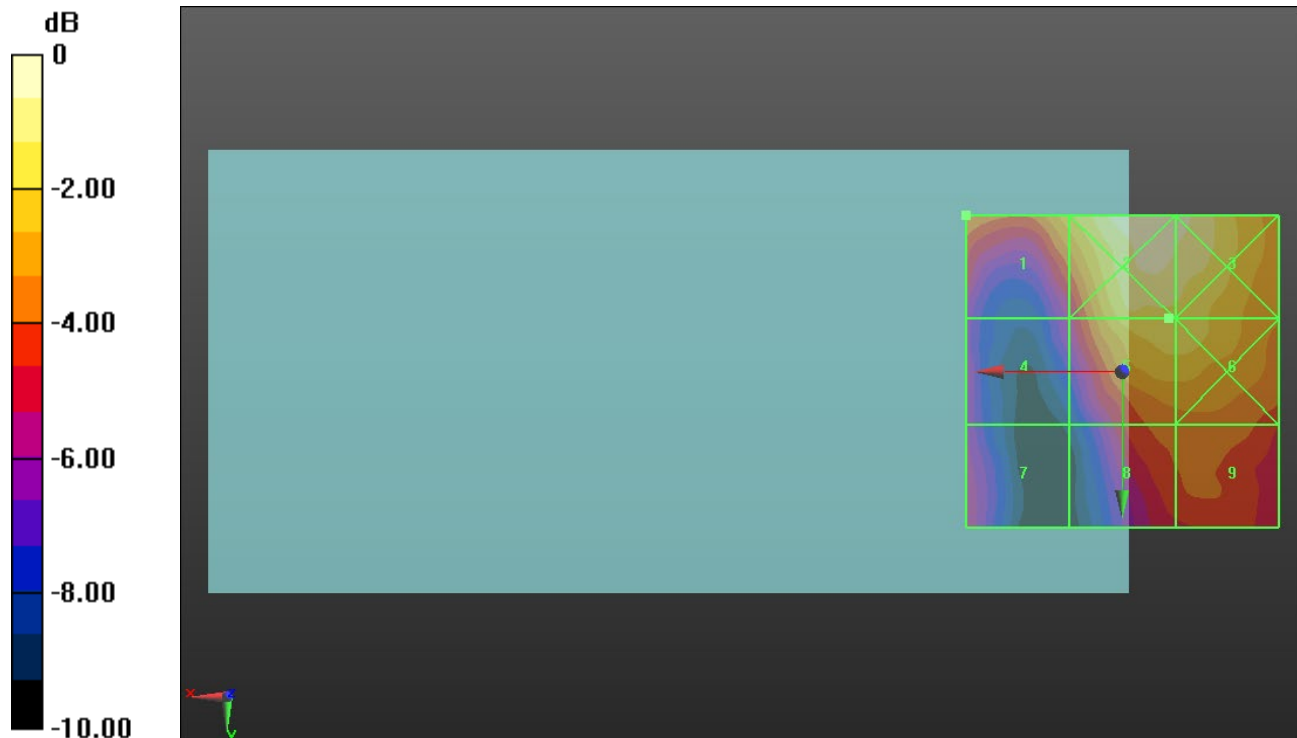
Applied MIF = -1.44 dB

RF audio interference level = 23.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.45 dBV/m	Grid 2 M4 24.6 dBV/m	Grid 3 M4 24.29 dBV/m
Grid 4 M4 19.08 dBV/m	Grid 5 M4 23.13 dBV/m	Grid 6 M4 23.11 dBV/m
Grid 7 M4 19.5 dBV/m	Grid 8 M4 20.89 dBV/m	Grid 9 M4 21.12 dBV/m



0 dB = 16.99 V/m = 24.60 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 = 22.88 V/m; Power Drift = -0.06 dB

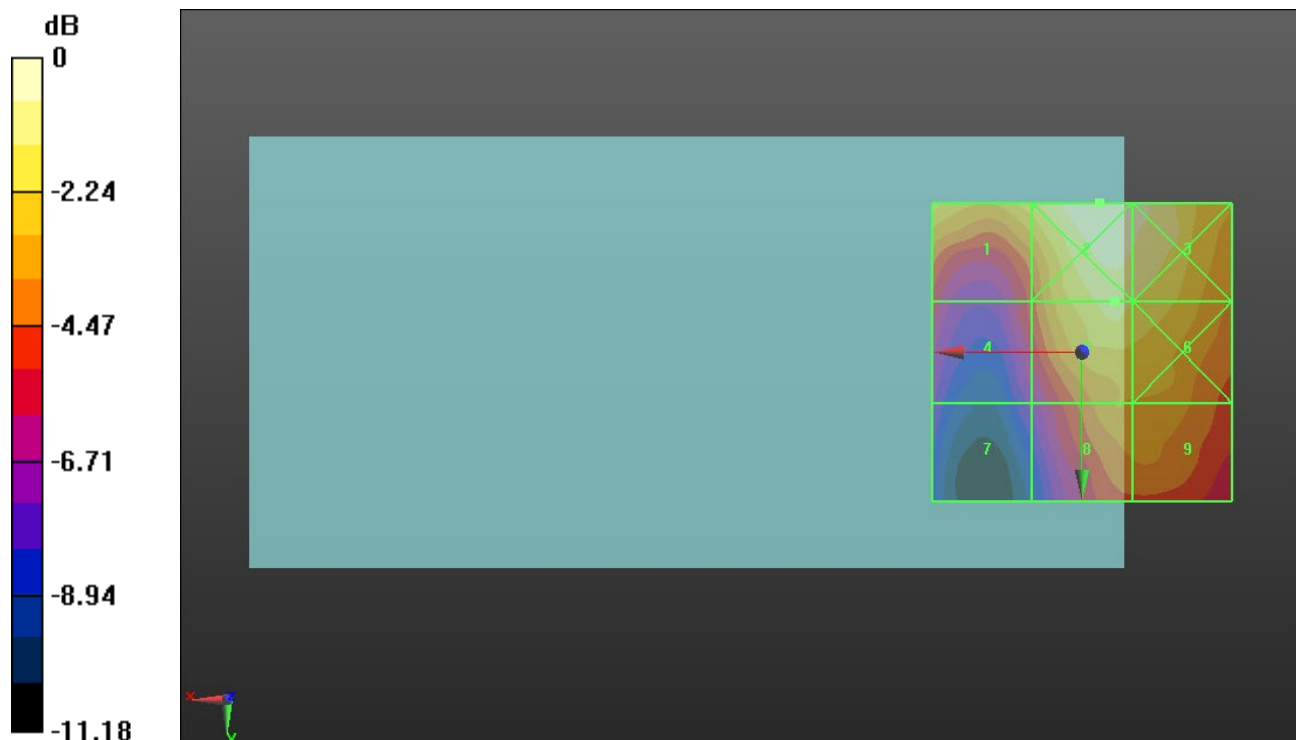
Applied MIF = -1.44 dB

RF audio interference level = 25.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.88 dBV/m	Grid 2 M4 26.61 dBV/m	Grid 3 M4 26.25 dBV/m
Grid 4 M4 21.73 dBV/m	Grid 5 M4 25.37 dBV/m	Grid 6 M4 25.14 dBV/m
Grid 7 M4 19.52 dBV/m	Grid 8 M4 23.66 dBV/m	Grid 9 M4 23.57 dBV/m



0 dB = 21.41 V/m = 26.61 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.28 V/m; Power Drift = 0.11 dB

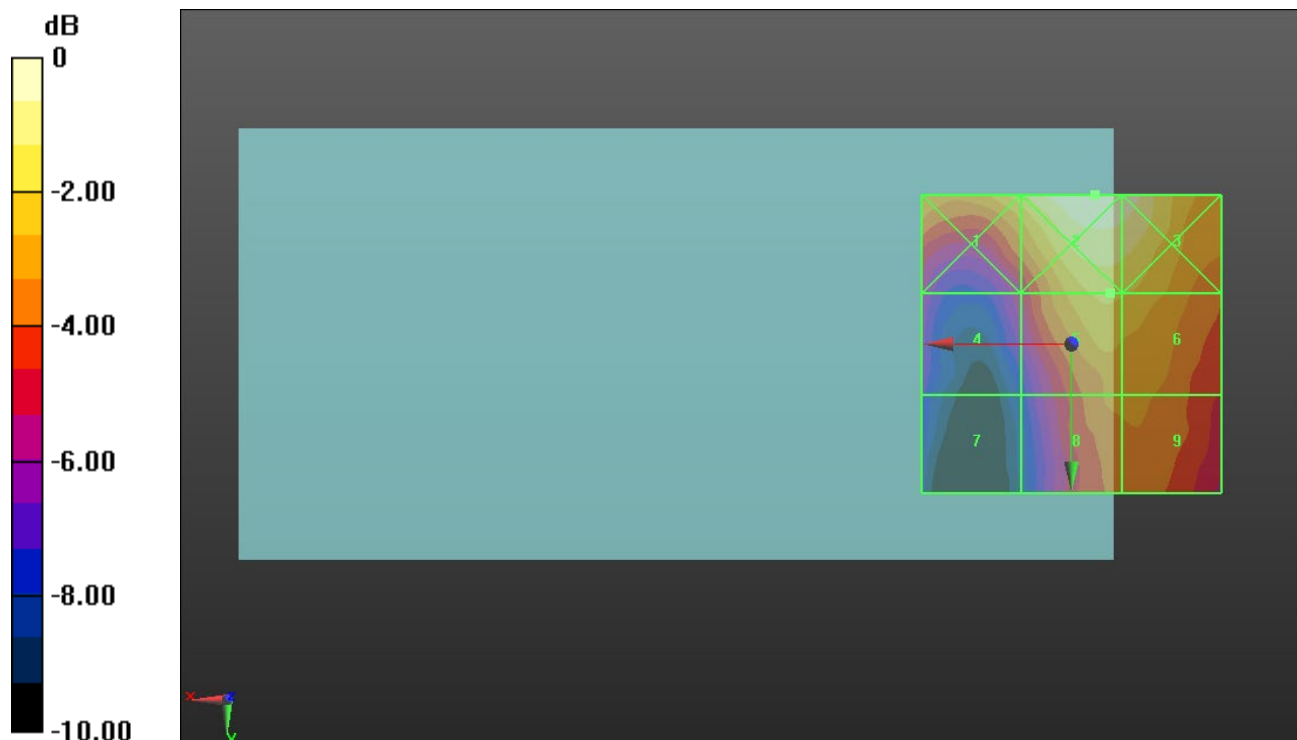
Applied MIF = -1.44 dB

RF audio interference level = 24.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25 dBV/m	Grid 2 M4 26.55 dBV/m	Grid 3 M4 26.39 dBV/m
Grid 4 M4 21.19 dBV/m	Grid 5 M4 24.7 dBV/m	Grid 6 M4 24.62 dBV/m
Grid 7 M4 19.46 dBV/m	Grid 8 M4 23.4 dBV/m	Grid 9 M4 23.42 dBV/m



0 dB = 21.26 V/m = 26.55 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.48 V/m; Power Drift = -0.16 dB

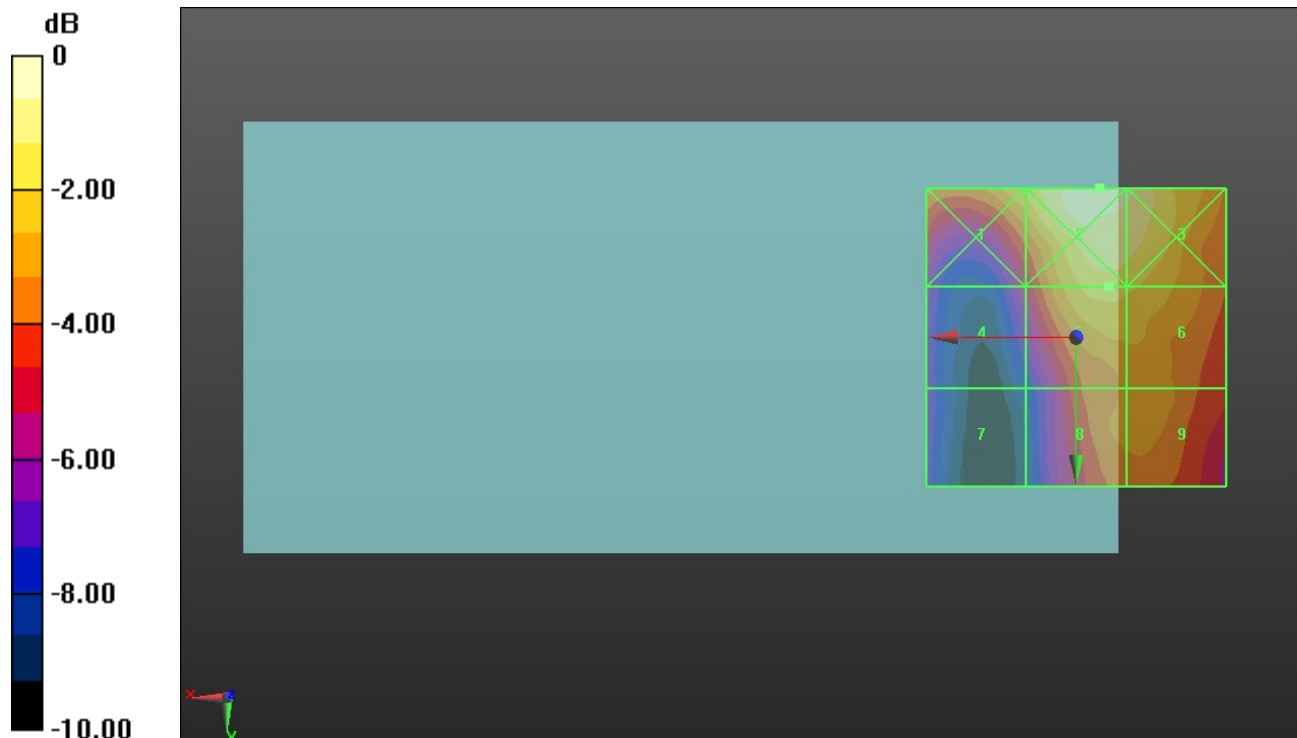
Applied MIF = -1.44 dB

RF audio interference level = 25.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.95 dBV/m	Grid 2 M4 26.66 dBV/m	Grid 3 M4 26.28 dBV/m
Grid 4 M4 21.35 dBV/m	Grid 5 M4 25.04 dBV/m	Grid 6 M4 24.83 dBV/m
Grid 7 M4 20.19 dBV/m	Grid 8 M4 23.48 dBV/m	Grid 9 M4 23.61 dBV/m



0 dB = 21.52 V/m = 26.66 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 = 22.18 V/m; Power Drift = 0.03 dB

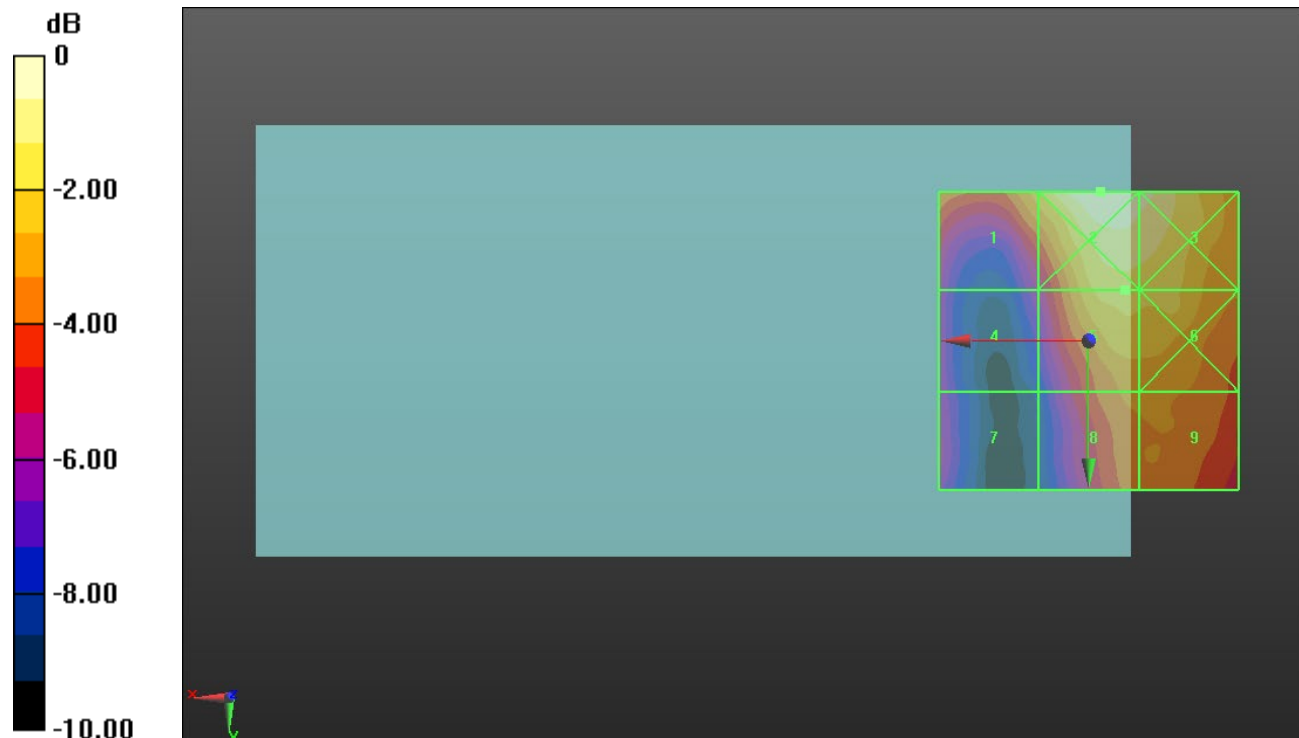
Applied MIF = -1.44 dB

RF audio interference level = 25.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.61 dBV/m	Grid 2 M4 26.77 dBV/m	Grid 3 M4 26.44 dBV/m
Grid 4 M4 21.03 dBV/m	Grid 5 M4 25.14 dBV/m	Grid 6 M4 25.06 dBV/m
Grid 7 M4 21.13 dBV/m	Grid 8 M4 23.65 dBV/m	Grid 9 M4 23.69 dBV/m



0 dB = 21.81 V/m = 26.77 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 = 21.15 V/m; Power Drift = 0.02 dB

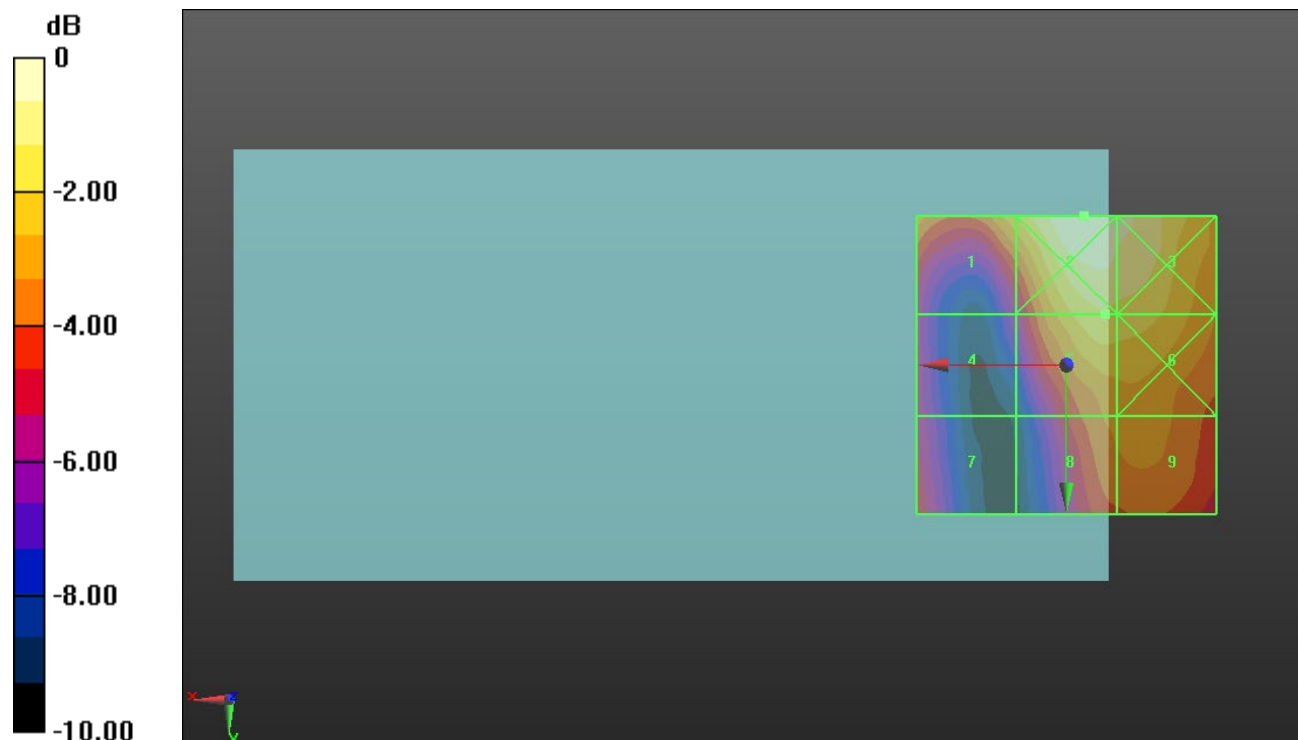
Applied MIF = -1.44 dB

RF audio interference level = 24.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.28 dBV/m	Grid 2 M4 26.25 dBV/m	Grid 3 M4 25.92 dBV/m
Grid 4 M4 20.81 dBV/m	Grid 5 M4 24.83 dBV/m	Grid 6 M4 24.72 dBV/m
Grid 7 M4 21.51 dBV/m	Grid 8 M4 23.11 dBV/m	Grid 9 M4 23.27 dBV/m



0 dB = 20.54 V/m = 26.25 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 = 3.462 V/m; Power Drift = 0.05 dB

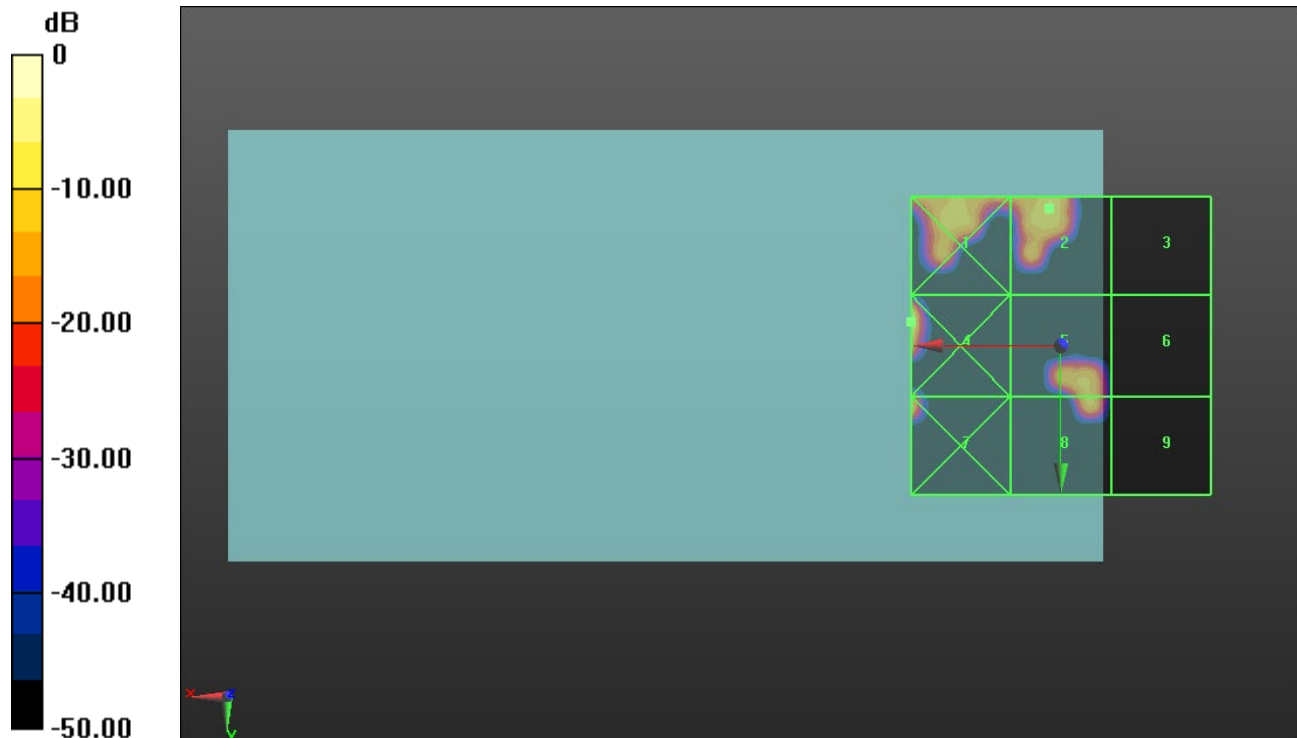
Applied MIF = -2.02 dB

RF audio interference level = 13.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.59 dBV/m	Grid 2 M4 13.49 dBV/m	Grid 3 M4 -65.97 dBV/m
Grid 4 M4 23.23 dBV/m	Grid 5 M4 10.9 dBV/m	Grid 6 M4 -20.26 dBV/m
Grid 7 M4 14.09 dBV/m	Grid 8 M4 10.92 dBV/m	Grid 9 M4 -22.67 dBV/m



0 dB = 14.51 V/m = 23.23 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 = 3.952 V/m; Power Drift = 0.14 dB

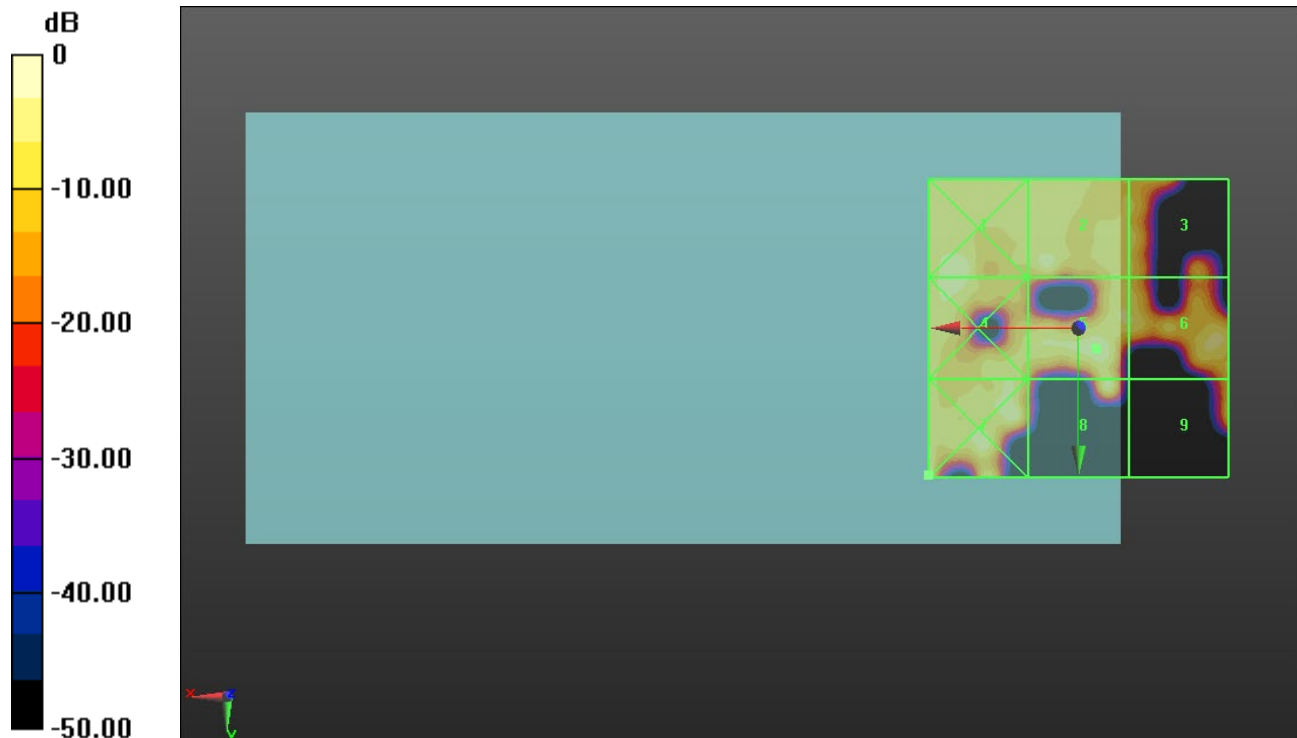
Applied MIF = -2.02 dB

RF audio interference level = 13.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.19 dBV/m	Grid 2 M4 12.05 dBV/m	Grid 3 M4 9.56 dBV/m
Grid 4 M4 12.65 dBV/m	Grid 5 M4 13.45 dBV/m	Grid 6 M4 11.73 dBV/m
Grid 7 M4 17.3 dBV/m	Grid 8 M4 12.2 dBV/m	Grid 9 M4 10.53 dBV/m



0 dB = 7.328 V/m = 17.30 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.986 V/m; Power Drift = -0.15 dB

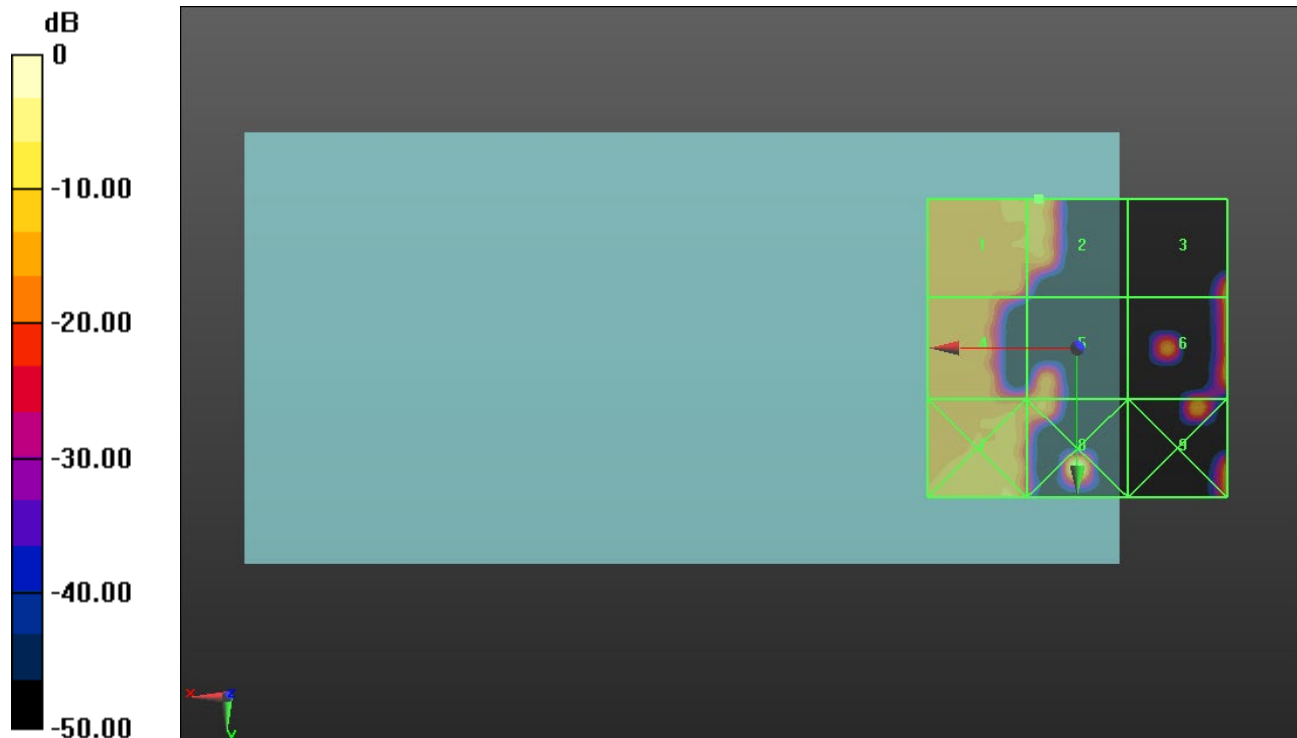
Applied MIF = -2.02 dB

RF audio interference level = 13.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.27 dBV/m	Grid 2 M4 13.52 dBV/m	Grid 3 M4 12.59 dBV/m
Grid 4 M4 10.86 dBV/m	Grid 5 M4 10.49 dBV/m	Grid 6 M4 12.59 dBV/m
Grid 7 M4 15.6 dBV/m	Grid 8 M4 24.34 dBV/m	Grid 9 M4 12.54 dBV/m



0 dB = 16.47 V/m = 24.33 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 = 3.507 V/m; Power Drift = 0.60 dB

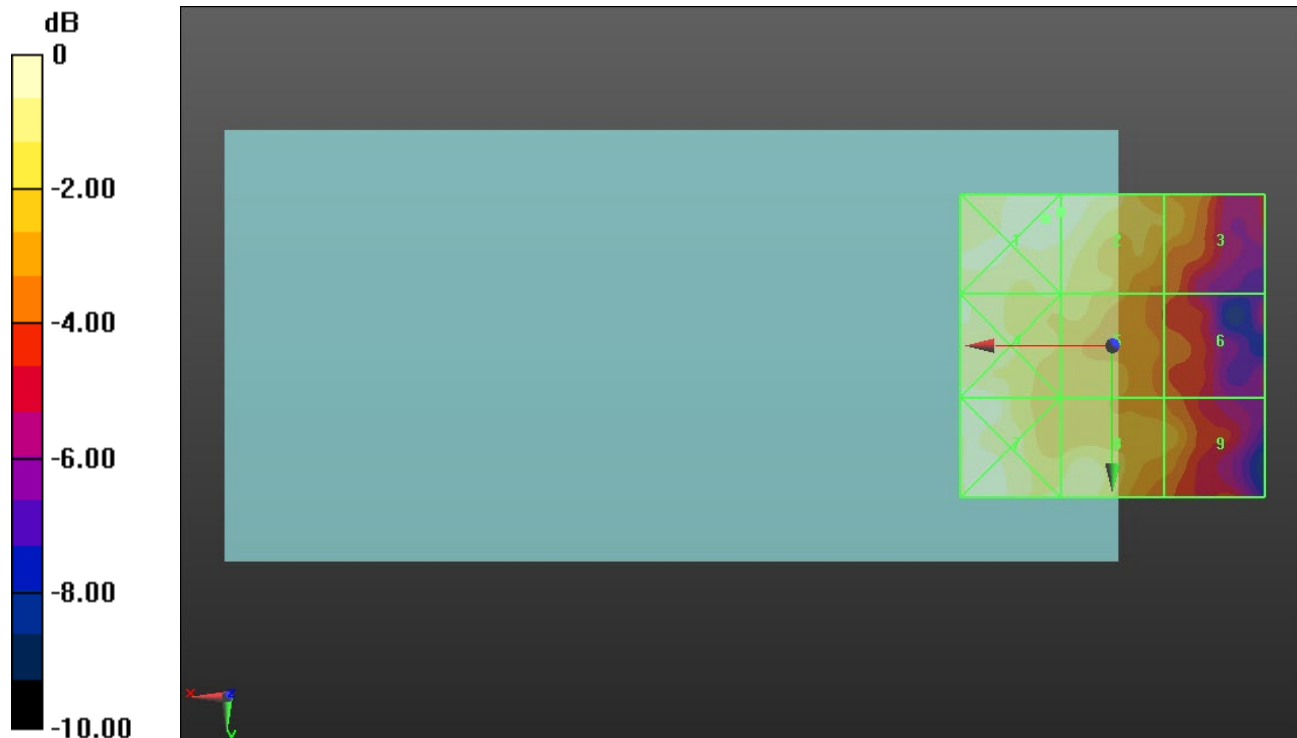
Applied MIF = 0.12 dB

RF audio interference level = 15.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.71 dBV/m	Grid 2 M4 15.57 dBV/m	Grid 3 M4 13.74 dBV/m
Grid 4 M4 15.39 dBV/m	Grid 5 M4 14.38 dBV/m	Grid 6 M4 12.29 dBV/m
Grid 7 M4 15.66 dBV/m	Grid 8 M4 14.86 dBV/m	Grid 9 M4 13.57 dBV/m



0 dB = 6.106 V/m = 15.72 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 = 3.440 V/m; Power Drift = 0.11 dB

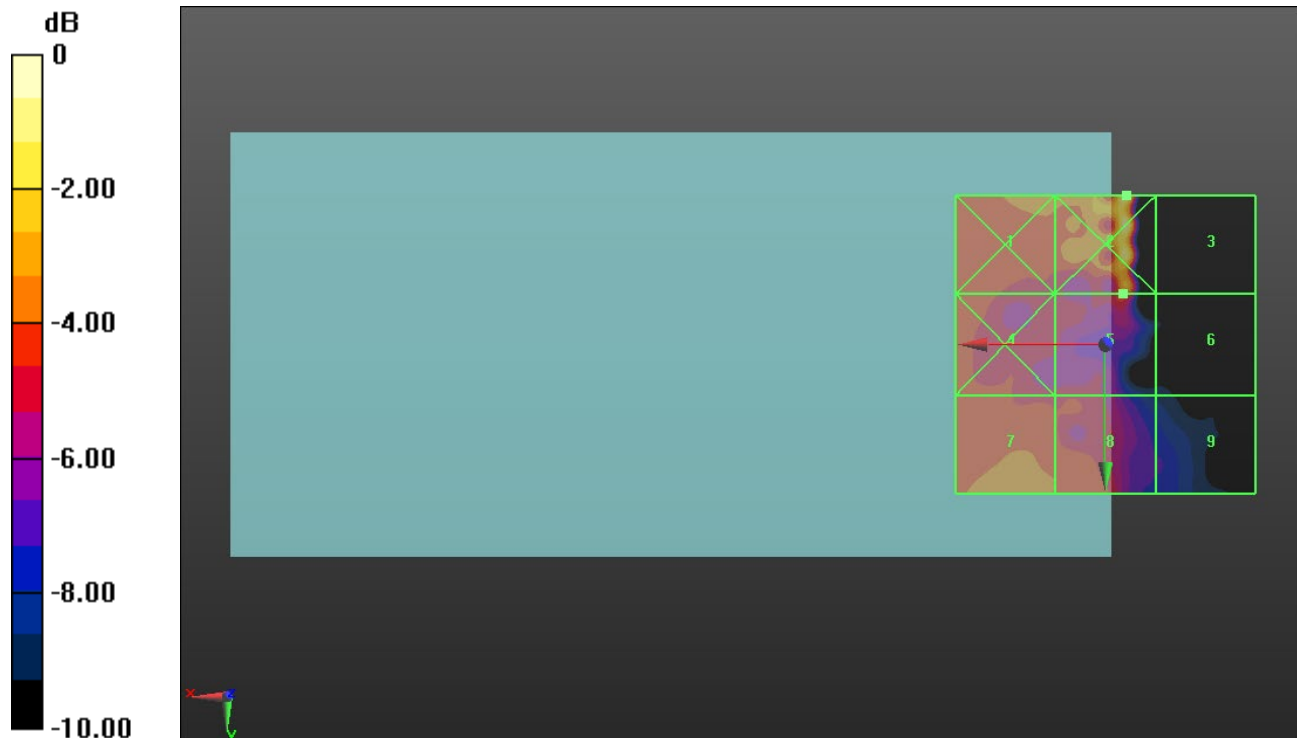
Applied MIF = 0.12 dB

RF audio interference level = 16.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.28 dBV/m	Grid 2 M4 19.72 dBV/m	Grid 3 M4 7.52 dBV/m
Grid 4 M4 15.77 dBV/m	Grid 5 M4 16.17 dBV/m	Grid 6 M4 10.79 dBV/m
Grid 7 M4 16.02 dBV/m	Grid 8 M4 15.73 dBV/m	Grid 9 M4 12.51 dBV/m



0 dB = 9.677 V/m = 19.71 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 = 3.258 V/m; Power Drift = -0.08 dB

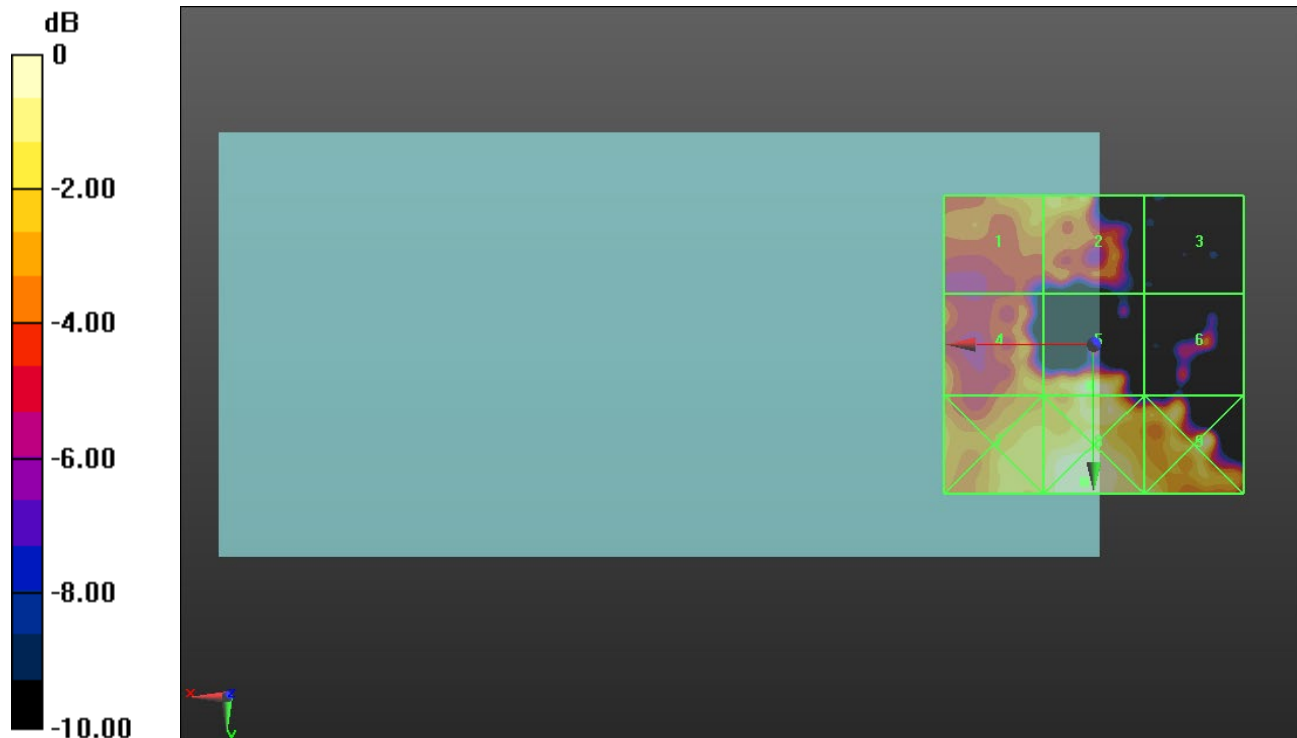
Applied MIF = 0.12 dB

RF audio interference level = 13.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.04 dBV/m	Grid 2 M4 11.79 dBV/m	Grid 3 M4 6.34 dBV/m
Grid 4 M4 10.88 dBV/m	Grid 5 M4 13.17 dBV/m	Grid 6 M4 9.62 dBV/m
Grid 7 M4 11.83 dBV/m	Grid 8 M4 13.19 dBV/m	Grid 9 M4 13.1 dBV/m



0 dB = 4.568 V/m = 13.19 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 = 20.24 V/m; Power Drift = -0.01 dB

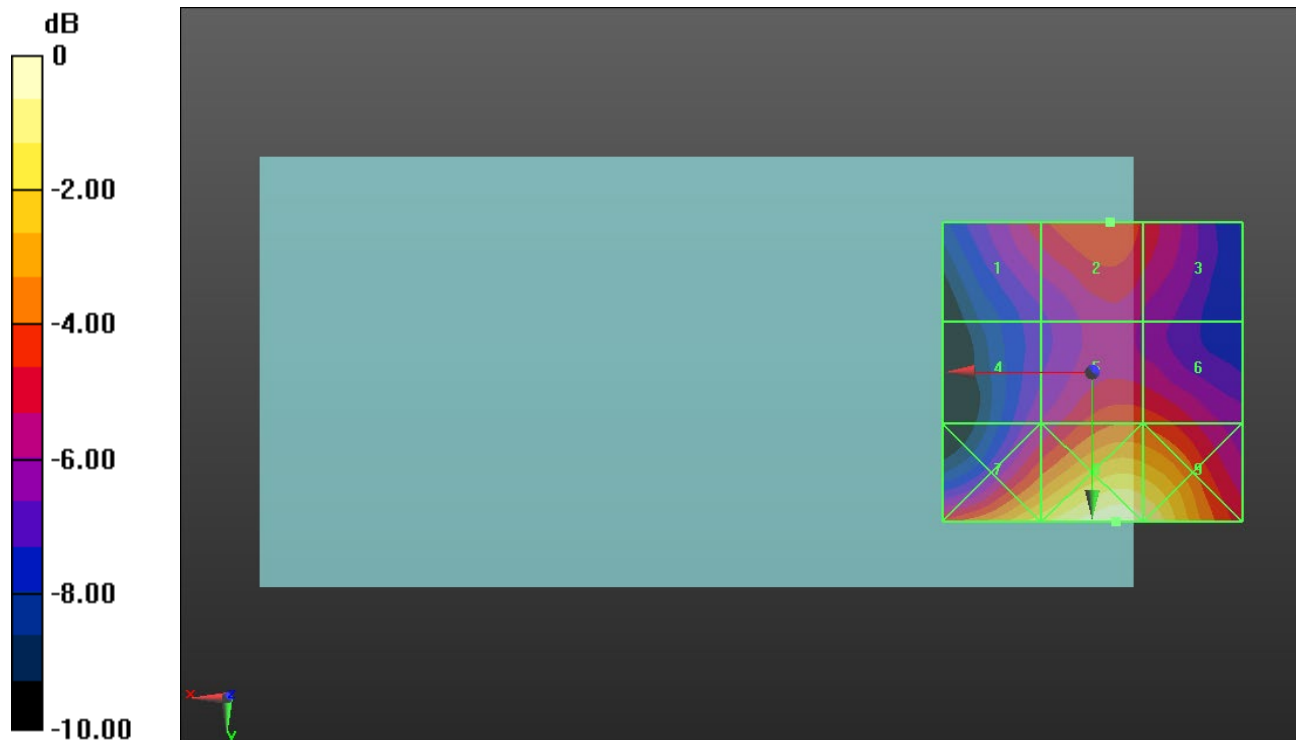
Applied MIF = 3.63 dB

RF audio interference level = 28.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.81 dBV/m	Grid 2 M4 28.65 dBV/m	Grid 3 M4 27.85 dBV/m
Grid 4 M4 26.75 dBV/m	Grid 5 M4 28.64 dBV/m	Grid 6 M4 28.53 dBV/m
Grid 7 M3 31.17 dBV/m	Grid 8 M3 32.65 dBV/m	Grid 9 M3 32.2 dBV/m



0 dB = 42.91 V/m = 32.65 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 = 20.21 V/m; Power Drift = -0.03 dB

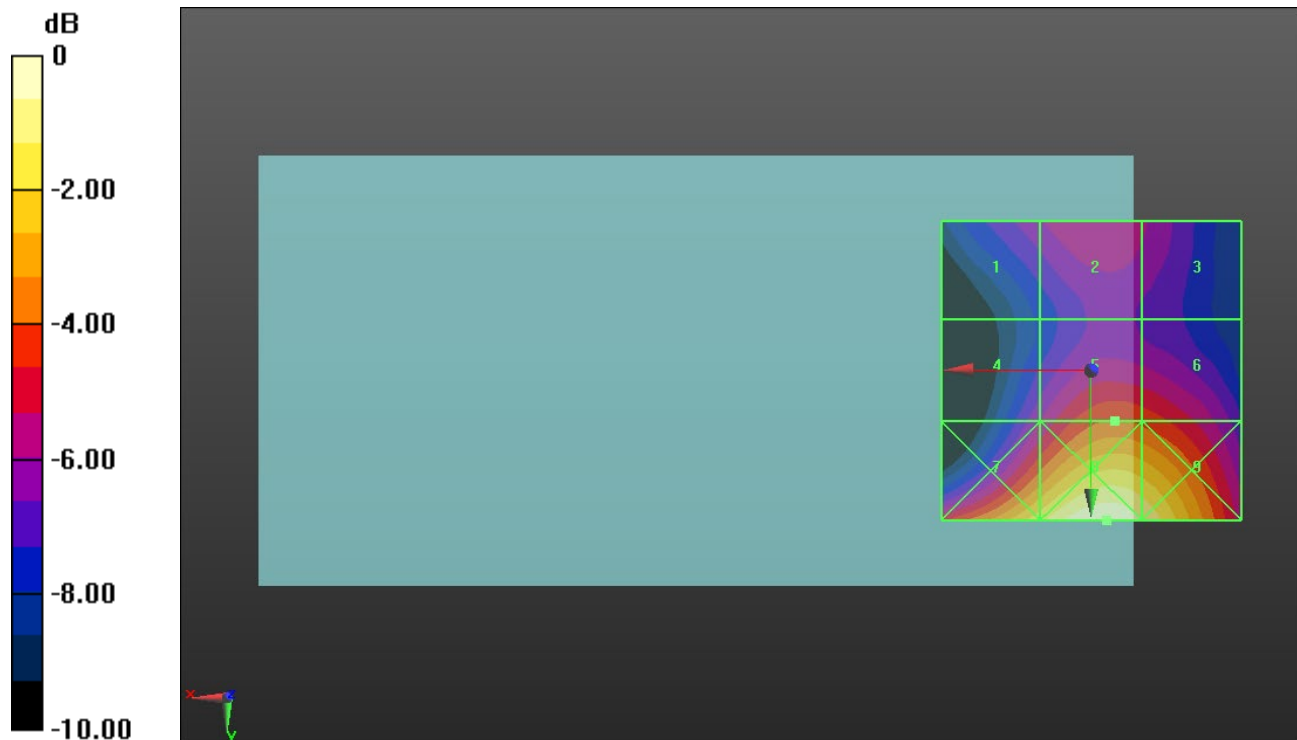
Applied MIF = 3.63 dB

RF audio interference level = 29.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.3 dBV/m	Grid 2 M4 28.02 dBV/m	Grid 3 M4 27.48 dBV/m
Grid 4 M4 27.38 dBV/m	Grid 5 M4 29.41 dBV/m	Grid 6 M4 29.17 dBV/m
Grid 7 M3 31.86 dBV/m	Grid 8 M3 33.33 dBV/m	Grid 9 M3 32.71 dBV/m



0 dB = 46.41 V/m = 33.33 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 = 21.97 V/m; Power Drift = -0.06 dB

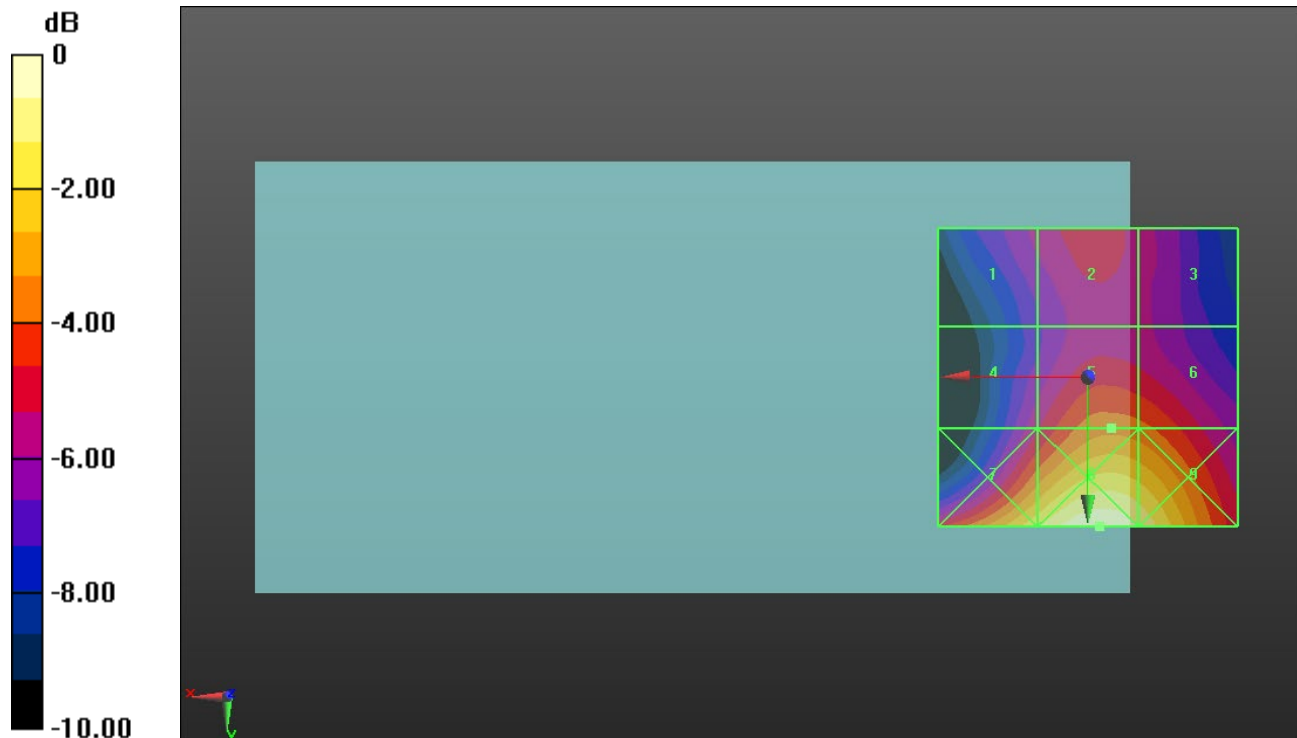
Applied MIF = 3.63 dB

RF audio interference level = 29.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27 dBV/m	Grid 2 M4 27.83 dBV/m	Grid 3 M4 27.19 dBV/m
Grid 4 M4 27.34 dBV/m	Grid 5 M4 29.22 dBV/m	Grid 6 M4 29.01 dBV/m
Grid 7 M3 31.38 dBV/m	Grid 8 M3 32.75 dBV/m	Grid 9 M3 32.08 dBV/m



0 dB = 43.38 V/m = 32.75 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.12 V/m; Power Drift = -0.20 dB

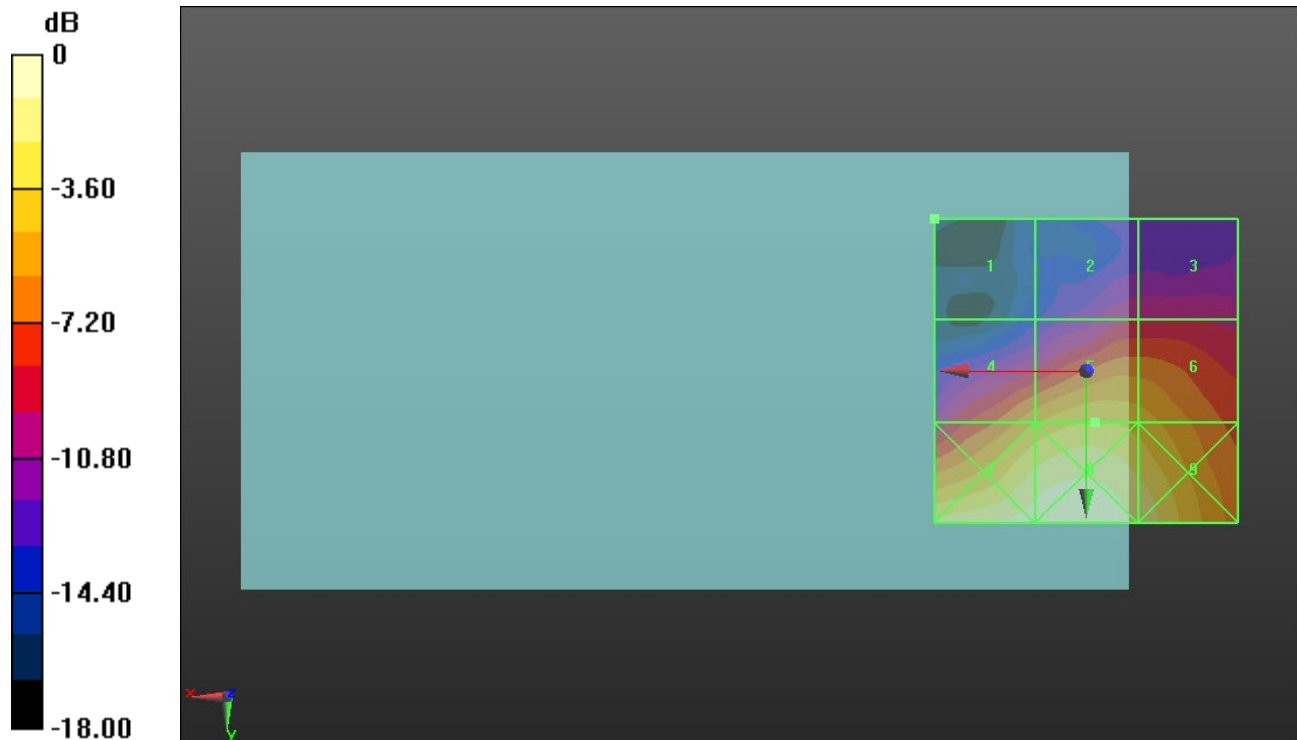
Applied MIF = -1.44 dB

RF audio interference level = 19.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 9.45 dBV/m	Grid 2 M4 13.23 dBV/m	Grid 3 M4 13.35 dBV/m
Grid 4 M4 17.88 dBV/m	Grid 5 M4 19.34 dBV/m	Grid 6 M4 18.71 dBV/m
Grid 7 M4 22.32 dBV/m	Grid 8 M4 22.81 dBV/m	Grid 9 M4 21.4 dBV/m



0 dB = 13.82 V/m = 22.81 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.32 V/m; Power Drift = 0.03 dB

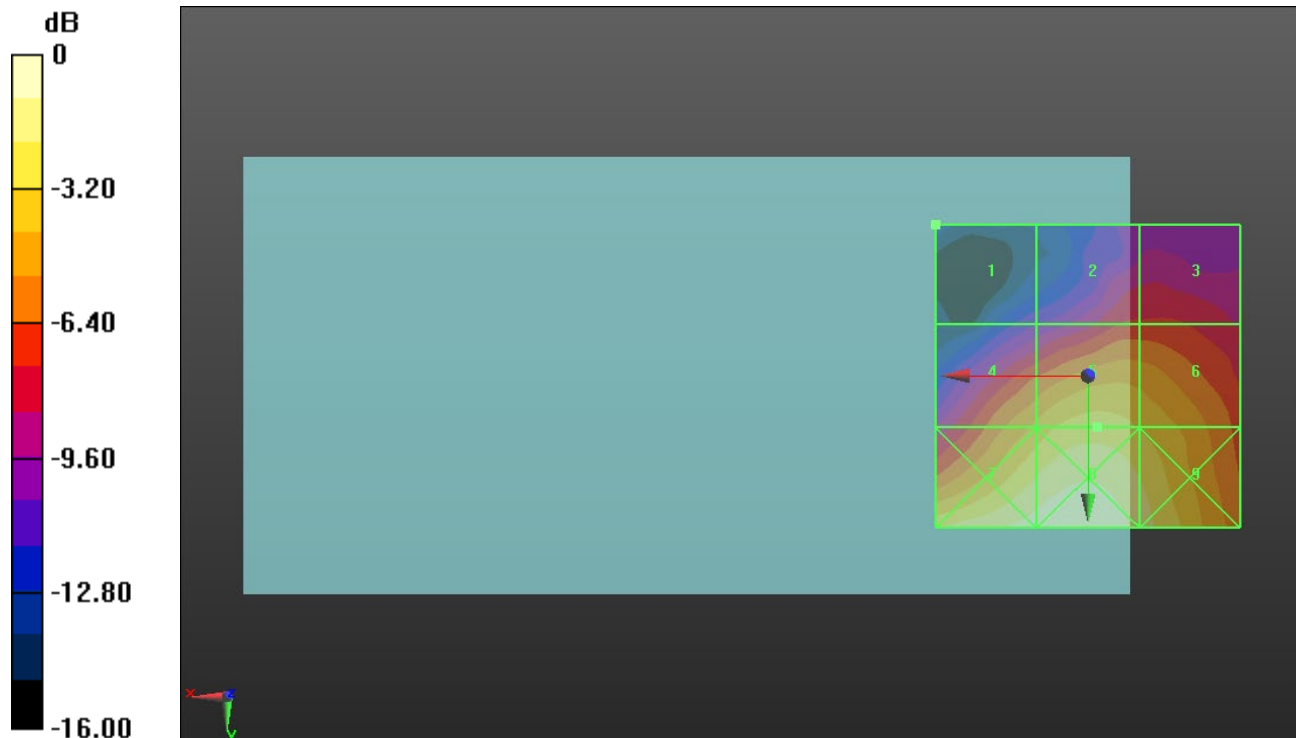
Applied MIF = -1.44 dB

RF audio interference level = 19.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.55 dBV/m	Grid 2 M4 15.04 dBV/m	Grid 3 M4 15.04 dBV/m
Grid 4 M4 18.25 dBV/m	Grid 5 M4 19.58 dBV/m	Grid 6 M4 18.97 dBV/m
Grid 7 M4 21.69 dBV/m	Grid 8 M4 22.21 dBV/m	Grid 9 M4 20.67 dBV/m



0 dB = 12.90 V/m = 22.21 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.10 V/m; Power Drift = -0.11 dB

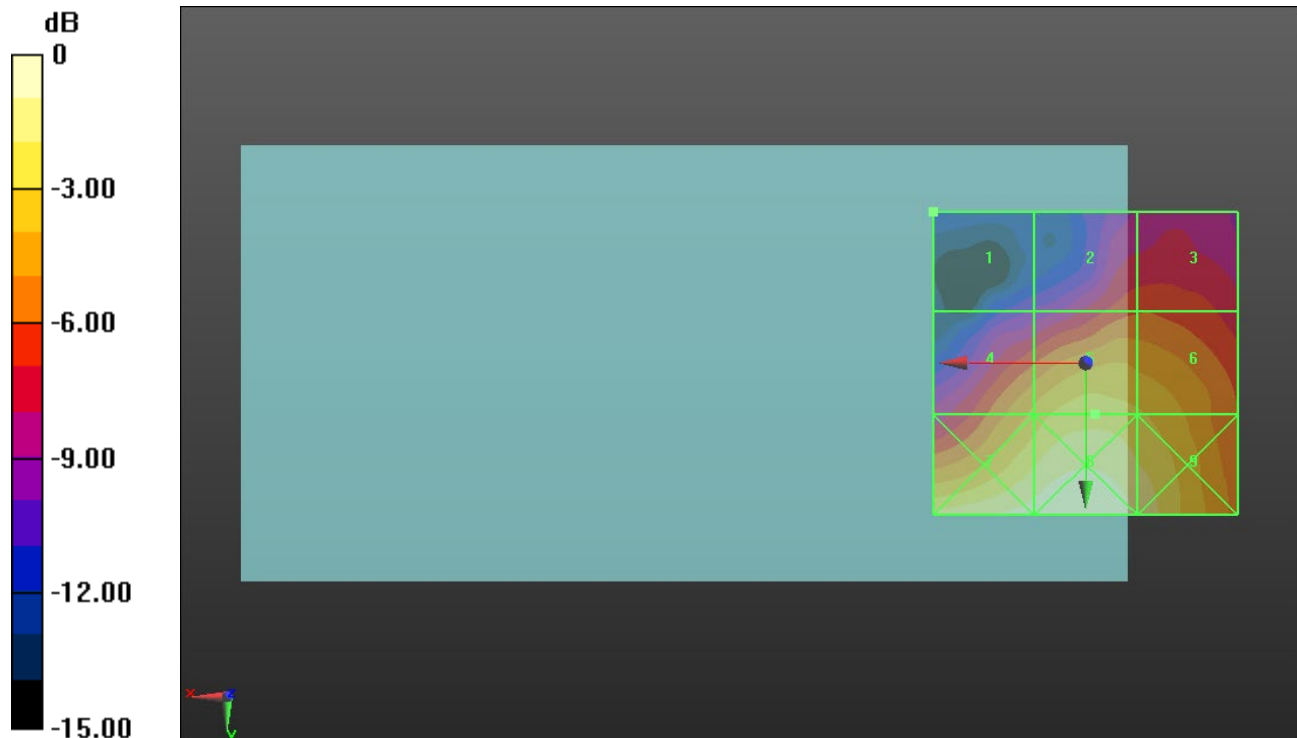
Applied MIF = -1.44 dB

RF audio interference level = 19.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.79 dBV/m	Grid 2 M4 15.45 dBV/m	Grid 3 M4 15.51 dBV/m
Grid 4 M4 17.86 dBV/m	Grid 5 M4 19.12 dBV/m	Grid 6 M4 18.69 dBV/m
Grid 7 M4 21.06 dBV/m	Grid 8 M4 21.52 dBV/m	Grid 9 M4 20.42 dBV/m



0 dB = 11.91 V/m = 21.52 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.64 V/m; Power Drift = -0.12 dB

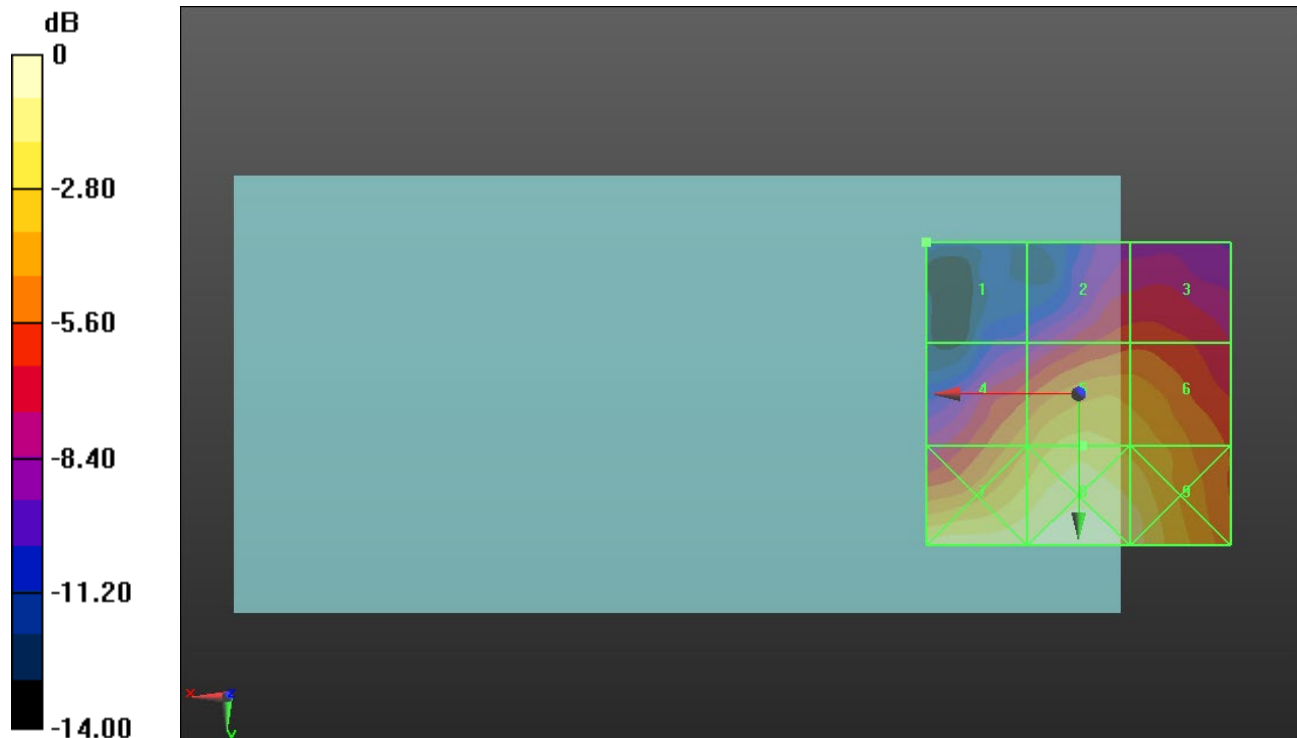
Applied MIF = -1.44 dB

RF audio interference level = 18.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.87 dBV/m	Grid 2 M4 15.32 dBV/m	Grid 3 M4 15.34 dBV/m
Grid 4 M4 17.34 dBV/m	Grid 5 M4 18.87 dBV/m	Grid 6 M4 18.18 dBV/m
Grid 7 M4 20.34 dBV/m	Grid 8 M4 21.19 dBV/m	Grid 9 M4 19.88 dBV/m



0 dB = 11.47 V/m = 21.19 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.527 V/m; Power Drift = 0.15 dB

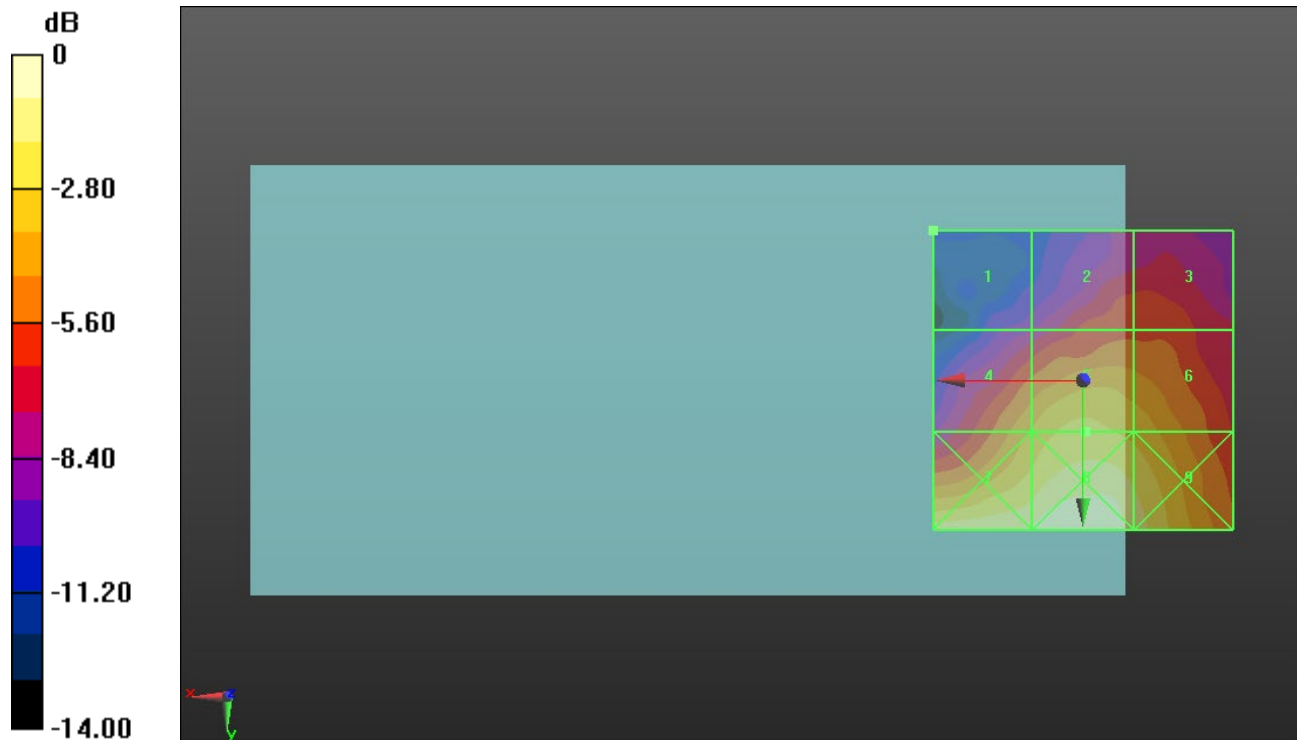
Applied MIF = -1.44 dB

RF audio interference level = 17.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.01 dBV/m	Grid 2 M4 14.63 dBV/m	Grid 3 M4 14.68 dBV/m
Grid 4 M4 16.76 dBV/m	Grid 5 M4 17.89 dBV/m	Grid 6 M4 17.32 dBV/m
Grid 7 M4 19.68 dBV/m	Grid 8 M4 20.4 dBV/m	Grid 9 M4 19.08 dBV/m



0 dB = 10.47 V/m = 20.40 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 = 16.79 V/m; Power Drift = -0.10 dB

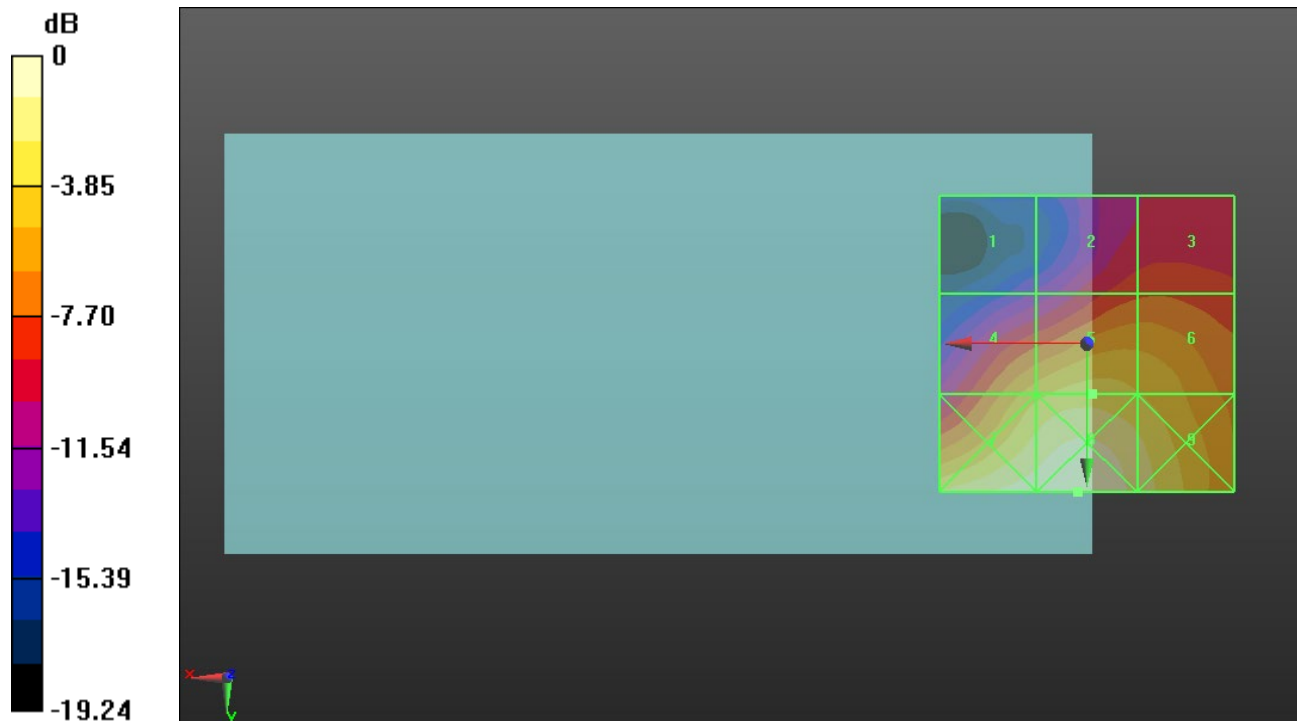
Applied MIF = -1.44 dB

RF audio interference level = 22.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.46 dBV/m	Grid 2 M4 17.93 dBV/m	Grid 3 M4 18.12 dBV/m
Grid 4 M4 21.61 dBV/m	Grid 5 M4 22.72 dBV/m	Grid 6 M4 22.13 dBV/m
Grid 7 M4 25.42 dBV/m	Grid 8 M4 25.89 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 19.70 V/m = 25.89 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 = 16.93 V/m; Power Drift = 0.04 dB

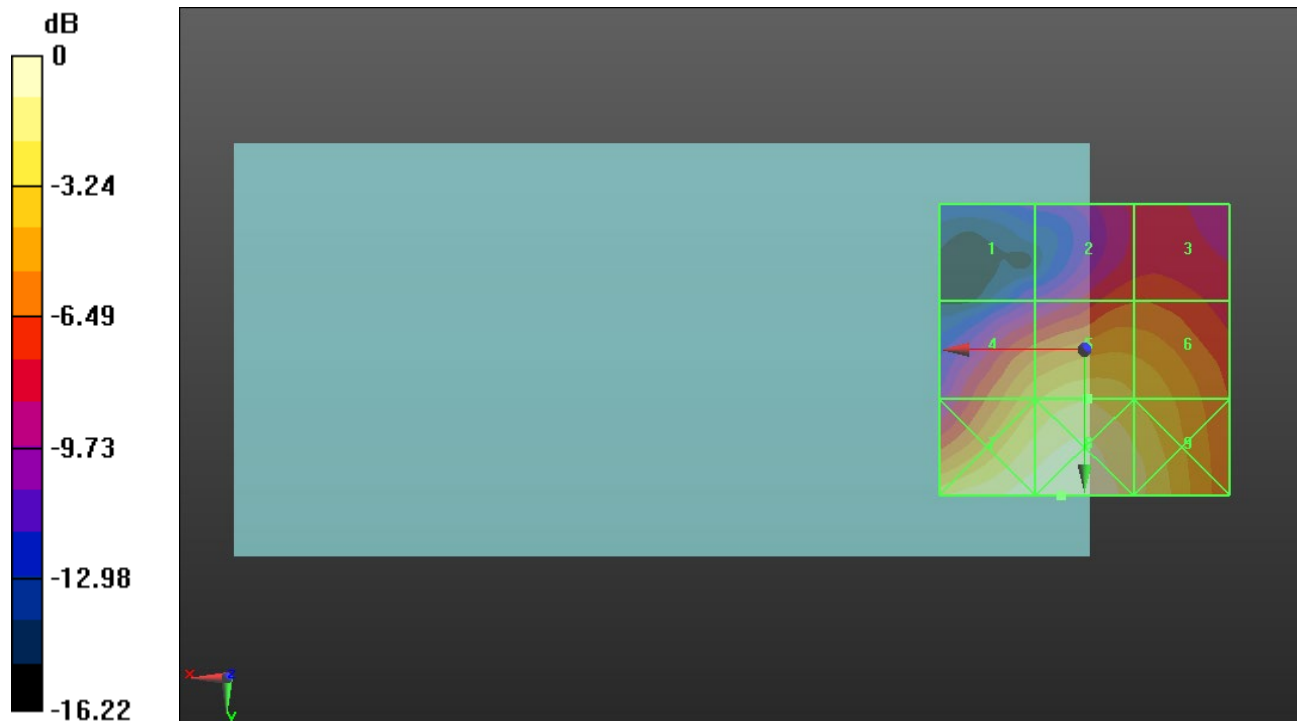
Applied MIF = -1.44 dB

RF audio interference level = 22.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.53 dBV/m	Grid 2 M4 18.55 dBV/m	Grid 3 M4 18.61 dBV/m
Grid 4 M4 21.66 dBV/m	Grid 5 M4 22.85 dBV/m	Grid 6 M4 21.96 dBV/m
Grid 7 M4 24.78 dBV/m	Grid 8 M4 25.11 dBV/m	Grid 9 M4 23.43 dBV/m



0 dB = 18.02 V/m = 25.12 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 = 16.13 V/m; Power Drift = -0.13 dB

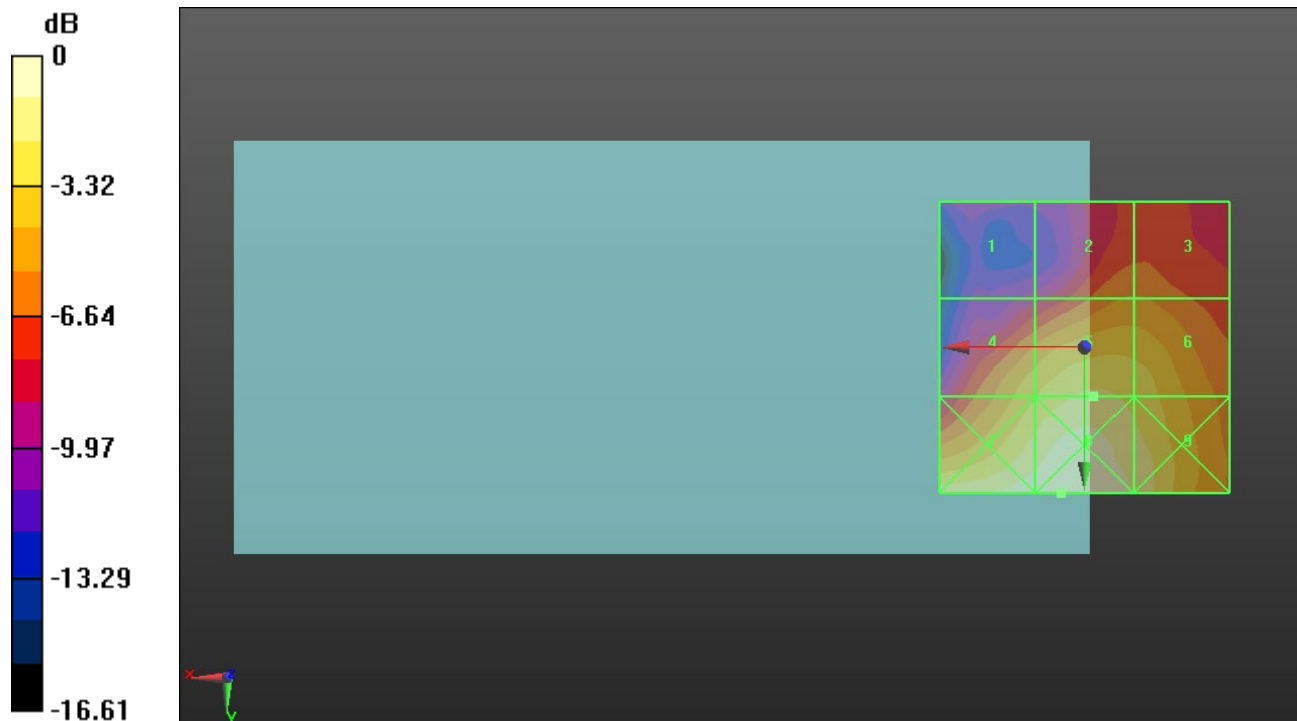
Applied MIF = -1.44 dB

RF audio interference level = 22.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.76 dBV/m	Grid 2 M4 18.71 dBV/m	Grid 3 M4 18.71 dBV/m
Grid 4 M4 20.78 dBV/m	Grid 5 M4 22.18 dBV/m	Grid 6 M4 21.59 dBV/m
Grid 7 M4 23.88 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 22.91 dBV/m



0 dB = 16.11 V/m = 24.14 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 14.95 V/m; Power Drift = -0.10 dB

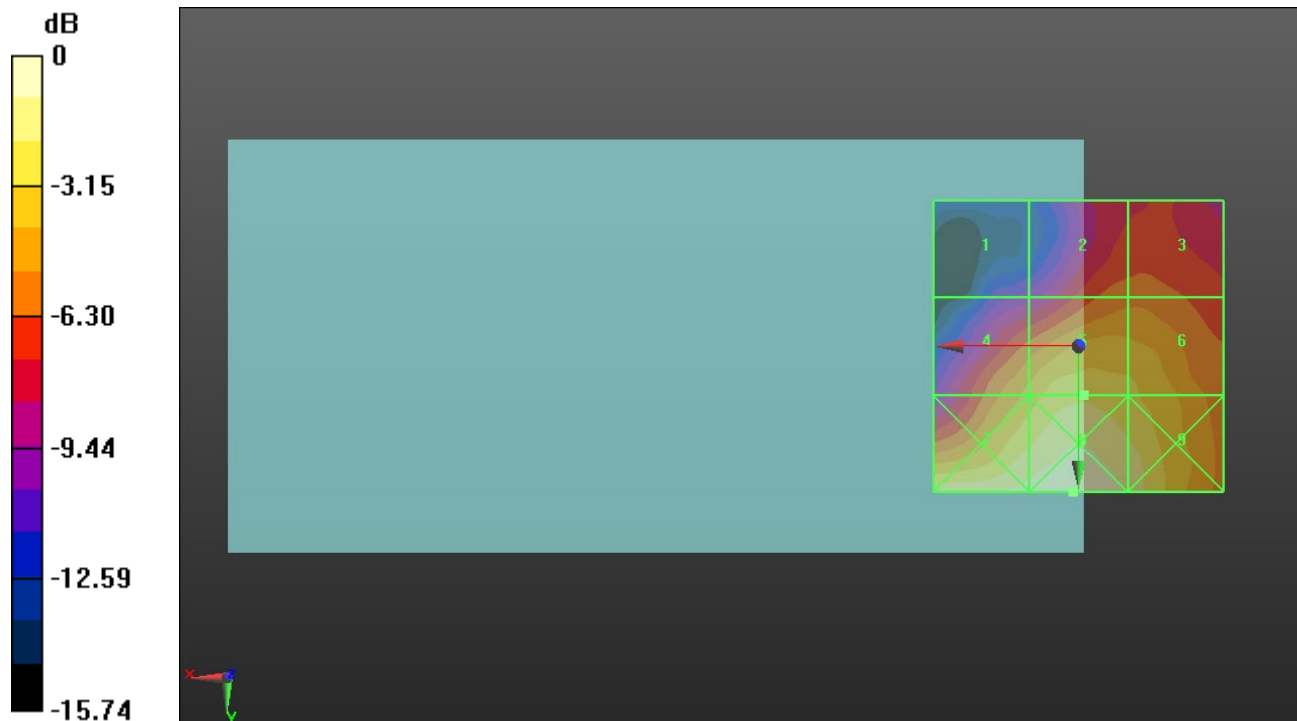
Applied MIF = -1.44 dB

RF audio interference level = 21.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.59 dBV/m	Grid 2 M4 17.79 dBV/m	Grid 3 M4 17.8 dBV/m
Grid 4 M4 19.73 dBV/m	Grid 5 M4 21.19 dBV/m	Grid 6 M4 20.62 dBV/m
Grid 7 M4 22.87 dBV/m	Grid 8 M4 23.49 dBV/m	Grid 9 M4 22.11 dBV/m



0 dB = 14.95 V/m = 23.49 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 = 13.90 V/m; Power Drift = 0.00 dB

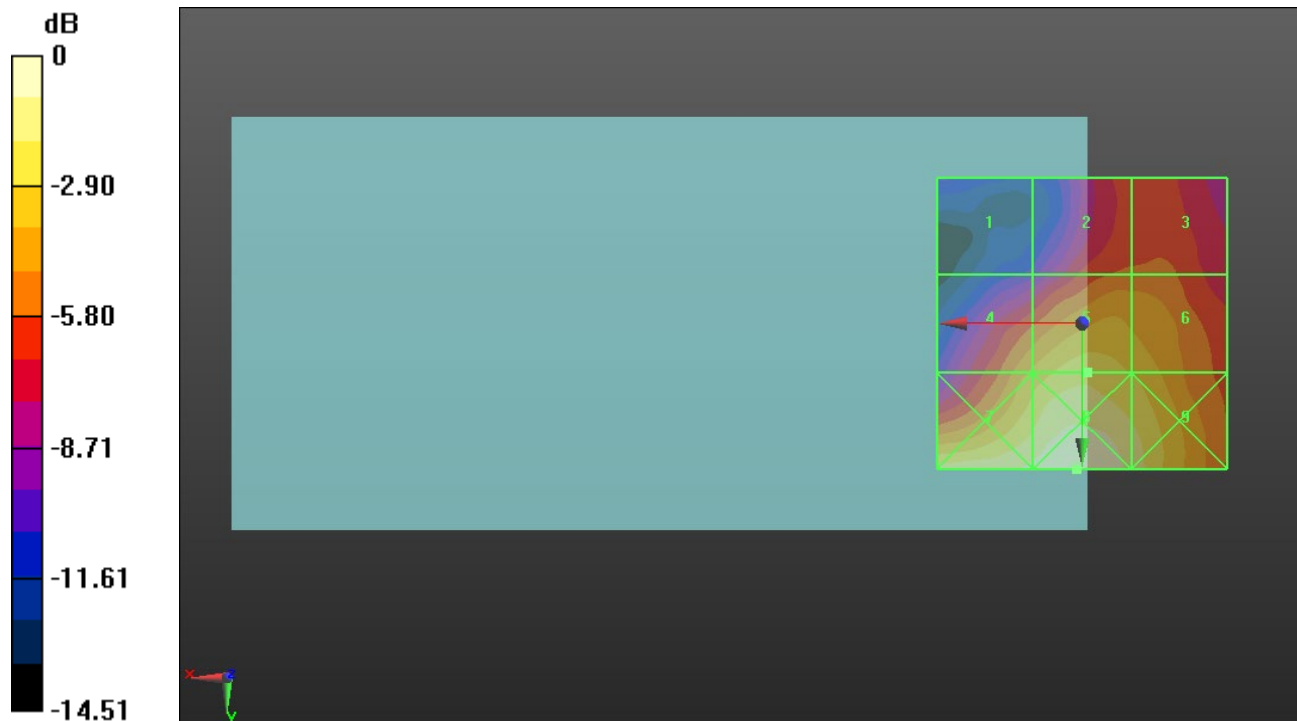
Applied MIF = -1.44 dB

RF audio interference level = 20.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.86 dBV/m	Grid 2 M4 17.35 dBV/m	Grid 3 M4 17.43 dBV/m
Grid 4 M4 19.27 dBV/m	Grid 5 M4 20.59 dBV/m	Grid 6 M4 19.95 dBV/m
Grid 7 M4 22.16 dBV/m	Grid 8 M4 22.88 dBV/m	Grid 9 M4 21.53 dBV/m



0 dB = 13.92 V/m = 22.87 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 = 13.40 V/m; Power Drift = 0.10 dB

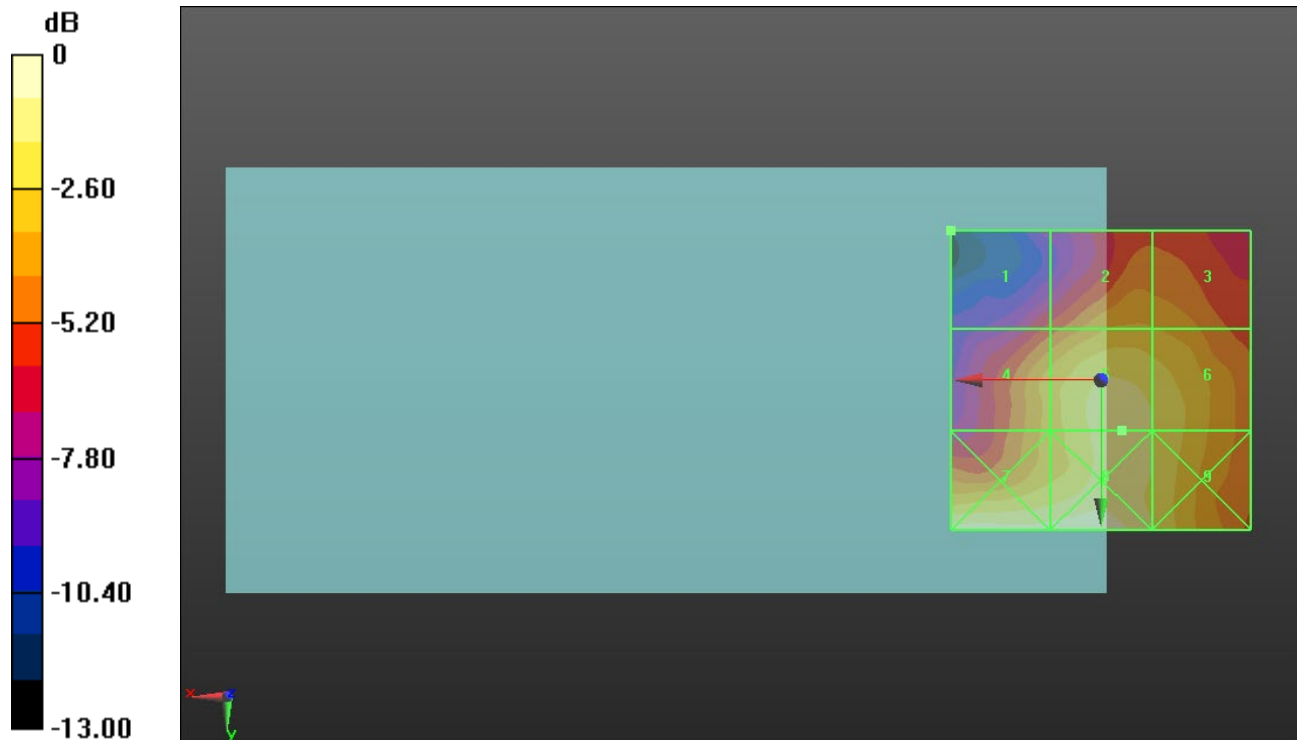
Applied MIF = -1.44 dB

RF audio interference level = 18.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.35 dBV/m	Grid 2 M4 16.68 dBV/m	Grid 3 M4 16.56 dBV/m
Grid 4 M4 17.02 dBV/m	Grid 5 M4 18.69 dBV/m	Grid 6 M4 18.24 dBV/m
Grid 7 M4 19.6 dBV/m	Grid 8 M4 19.93 dBV/m	Grid 9 M4 18.36 dBV/m



0 dB = 9.924 V/m = 19.93 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 = 14.56 V/m; Power Drift = -0.12 dB

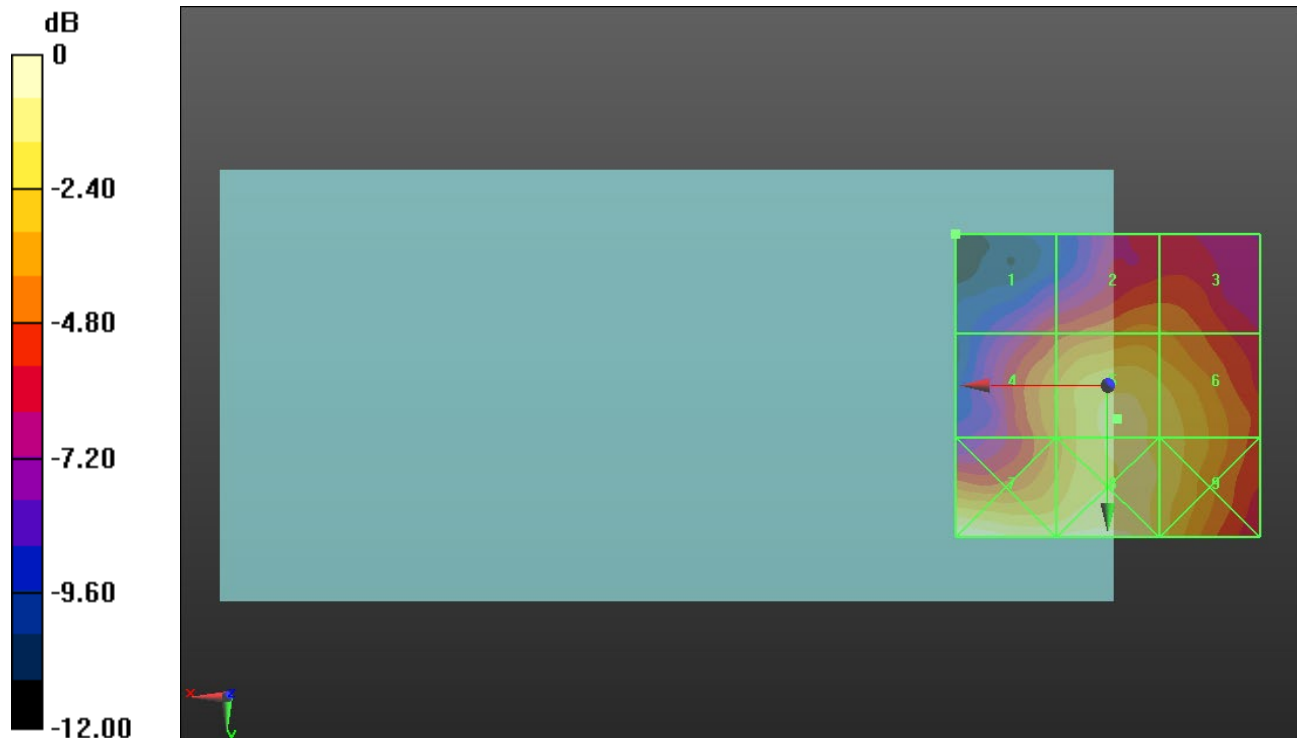
Applied MIF = -1.44 dB

RF audio interference level = 19.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.69 dBV/m	Grid 2 M4 17.18 dBV/m	Grid 3 M4 17 dBV/m
Grid 4 M4 17.7 dBV/m	Grid 5 M4 19.51 dBV/m	Grid 6 M4 18.97 dBV/m
Grid 7 M4 20.81 dBV/m	Grid 8 M4 20.3 dBV/m	Grid 9 M4 19.15 dBV/m



0 dB = 10.97 V/m = 20.80 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 = 14.63 V/m; Power Drift = -0.08 dB

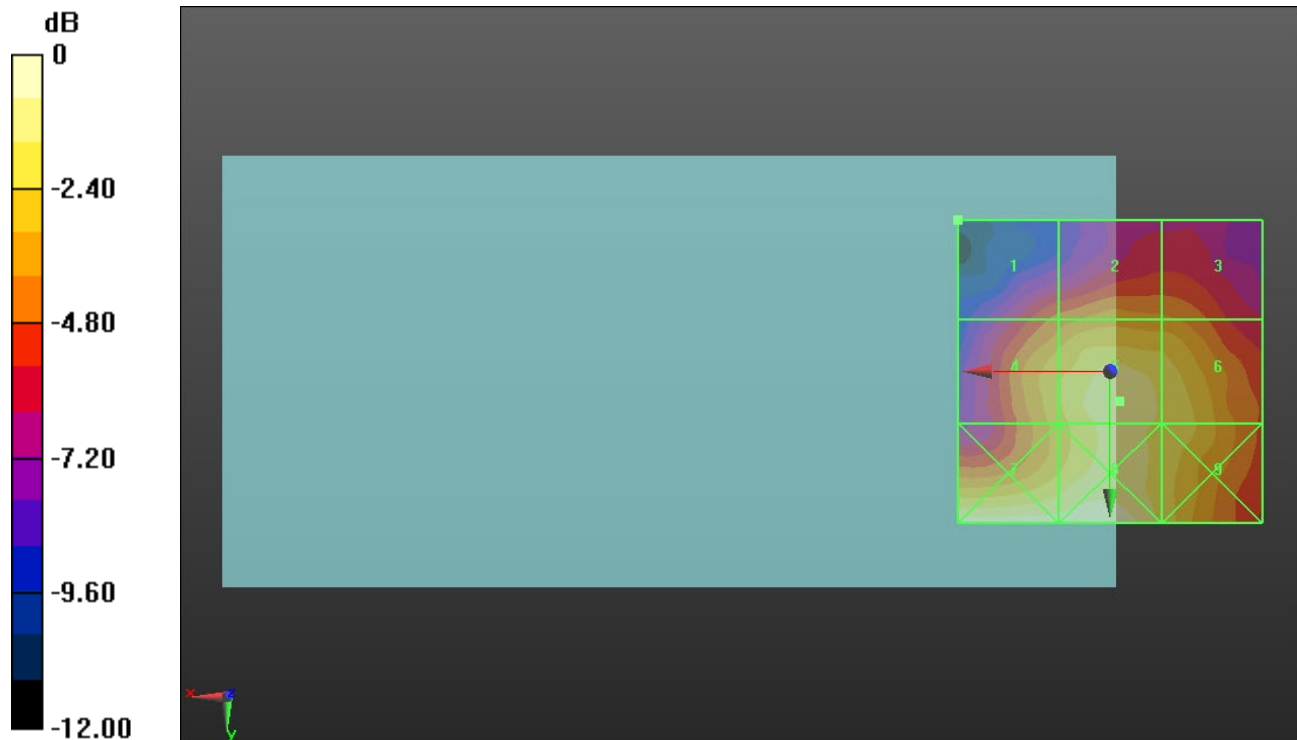
Applied MIF = -1.44 dB

RF audio interference level = 19.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.47 dBV/m	Grid 2 M4 17.43 dBV/m	Grid 3 M4 17.13 dBV/m
Grid 4 M4 18.43 dBV/m	Grid 5 M4 19.76 dBV/m	Grid 6 M4 19.17 dBV/m
Grid 7 M4 20.71 dBV/m	Grid 8 M4 20.87 dBV/m	Grid 9 M4 19.16 dBV/m



0 dB = 11.06 V/m = 20.88 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 = 17.43 V/m; Power Drift = 0.18 dB

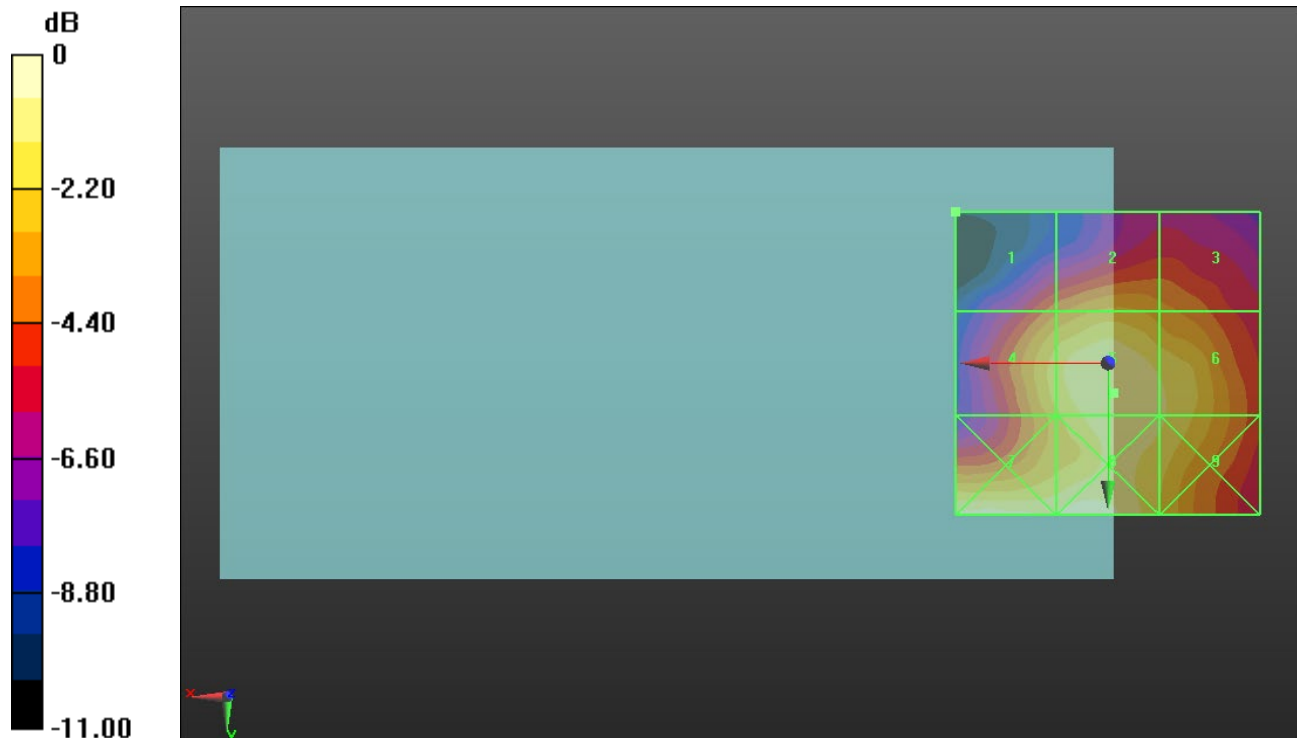
Applied MIF = -1.44 dB

RF audio interference level = 20.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.79 dBV/m	Grid 2 M4 18.92 dBV/m	Grid 3 M4 18.31 dBV/m
Grid 4 M4 19.86 dBV/m	Grid 5 M4 20.83 dBV/m	Grid 6 M4 20.3 dBV/m
Grid 7 M4 21.34 dBV/m	Grid 8 M4 21.61 dBV/m	Grid 9 M4 20.29 dBV/m



0 dB = 12.03 V/m = 21.61 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 = 8.971 V/m; Power Drift = -0.11 dB

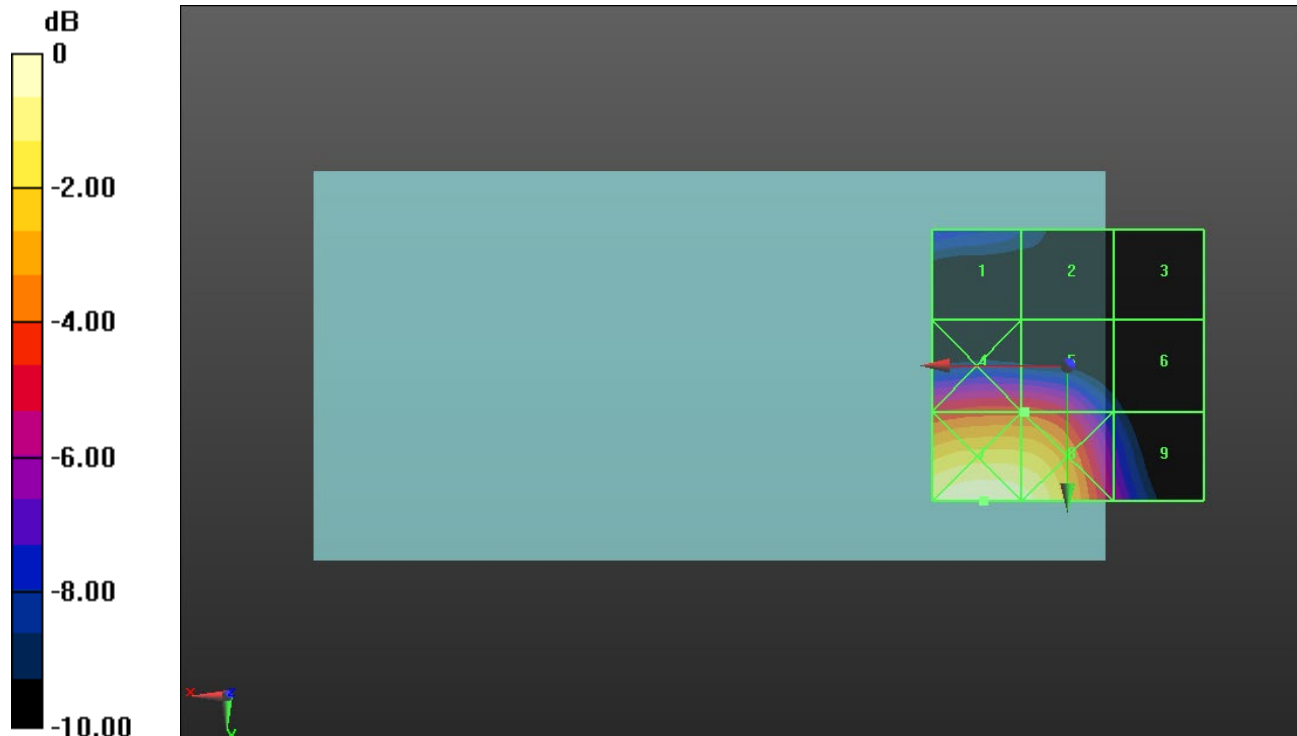
Applied MIF = -2.02 dB

RF audio interference level = 20.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.12 dBV/m	Grid 2 M4 15.9 dBV/m	Grid 3 M4 8.91 dBV/m
Grid 4 M4 20.24 dBV/m	Grid 5 M4 20.19 dBV/m	Grid 6 M4 15.97 dBV/m
Grid 7 M4 24.47 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 18.55 dBV/m



0 dB = 16.73 V/m = 24.47 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 = 8.340 V/m; Power Drift = 0.14 dB

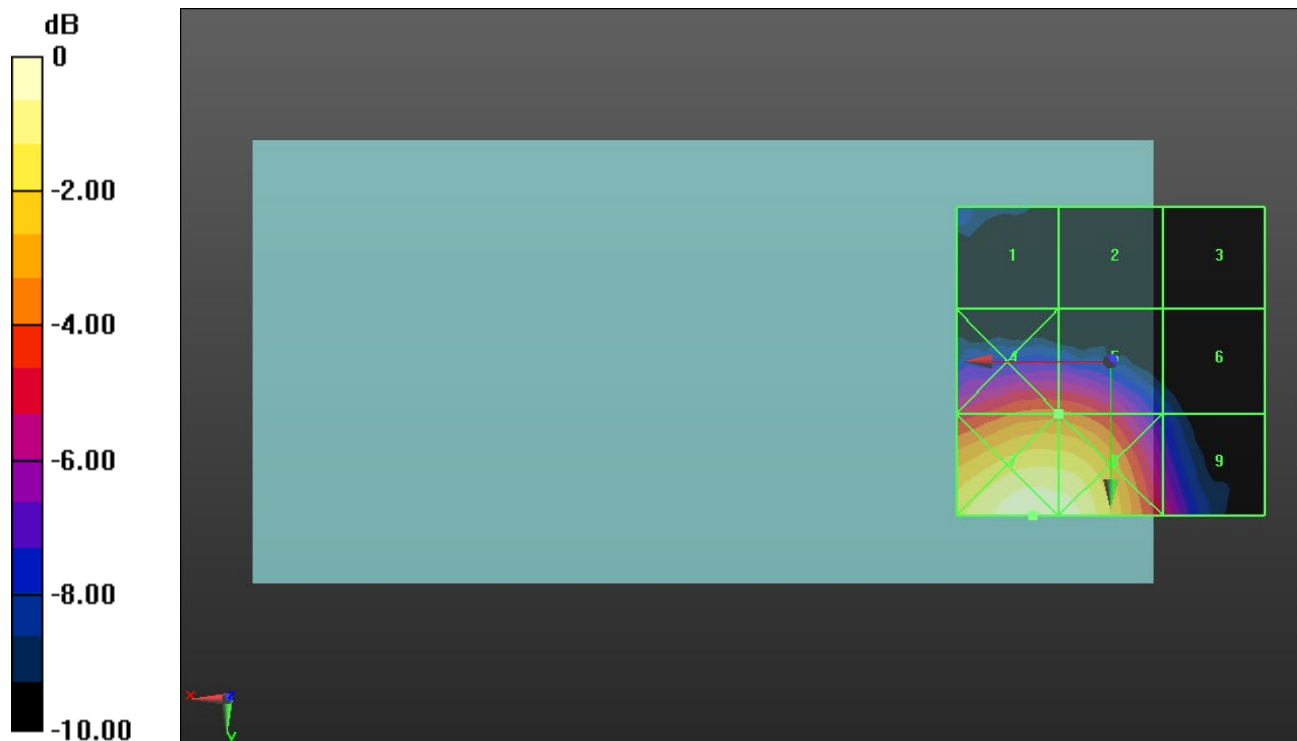
Applied MIF = -2.02 dB

RF audio interference level = 20.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.47 dBV/m	Grid 2 M4 14.31 dBV/m	Grid 3 M4 10.35 dBV/m
Grid 4 M4 20.06 dBV/m	Grid 5 M4 20 dBV/m	Grid 6 M4 15.84 dBV/m
Grid 7 M4 23.75 dBV/m	Grid 8 M4 23.57 dBV/m	Grid 9 M4 18.41 dBV/m



0 dB = 15.40 V/m = 23.75 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 = 7.346 V/m; Power Drift = -0.03 dB

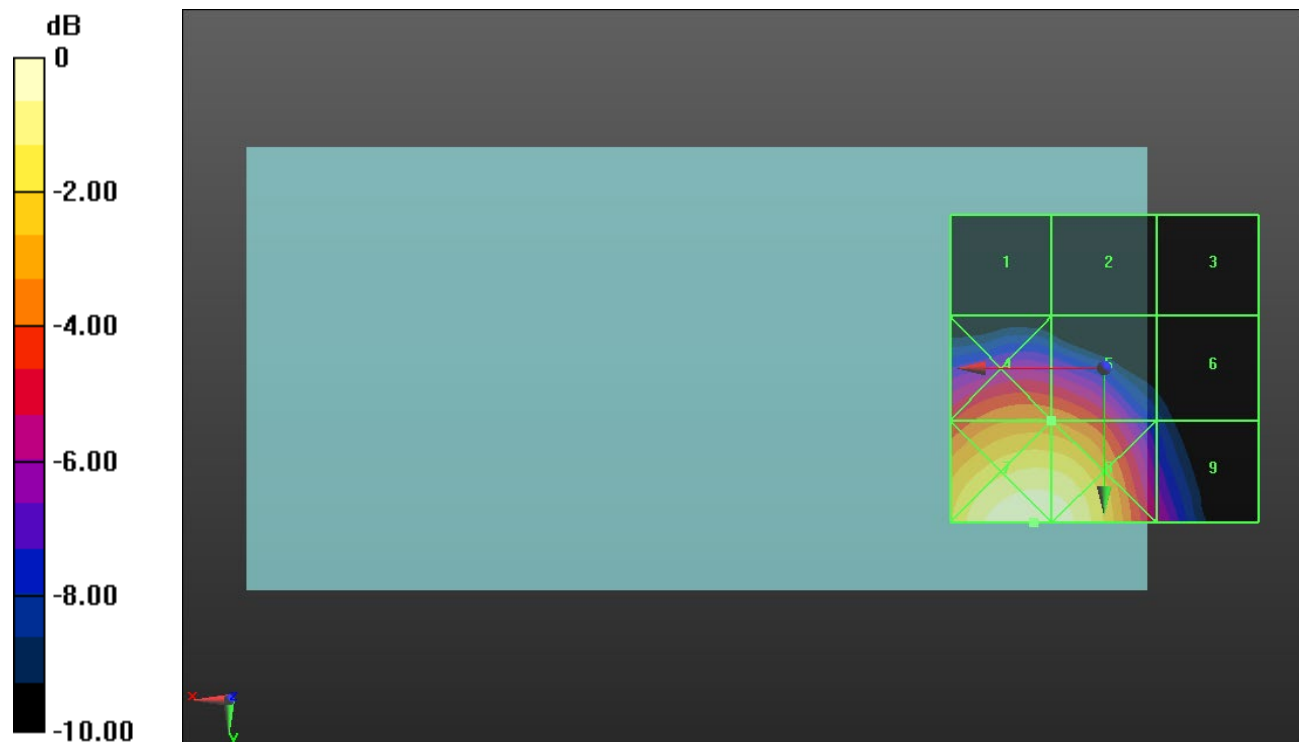
Applied MIF = -2.02 dB

RF audio interference level = 19.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.83 dBV/m	Grid 2 M4 12.18 dBV/m	Grid 3 M4 9.5 dBV/m
Grid 4 M4 19.45 dBV/m	Grid 5 M4 19.31 dBV/m	Grid 6 M4 14.46 dBV/m
Grid 7 M4 22.64 dBV/m	Grid 8 M4 22.48 dBV/m	Grid 9 M4 17.01 dBV/m



0 dB = 13.55 V/m = 22.64 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.266 V/m; Power Drift = -0.16 dB

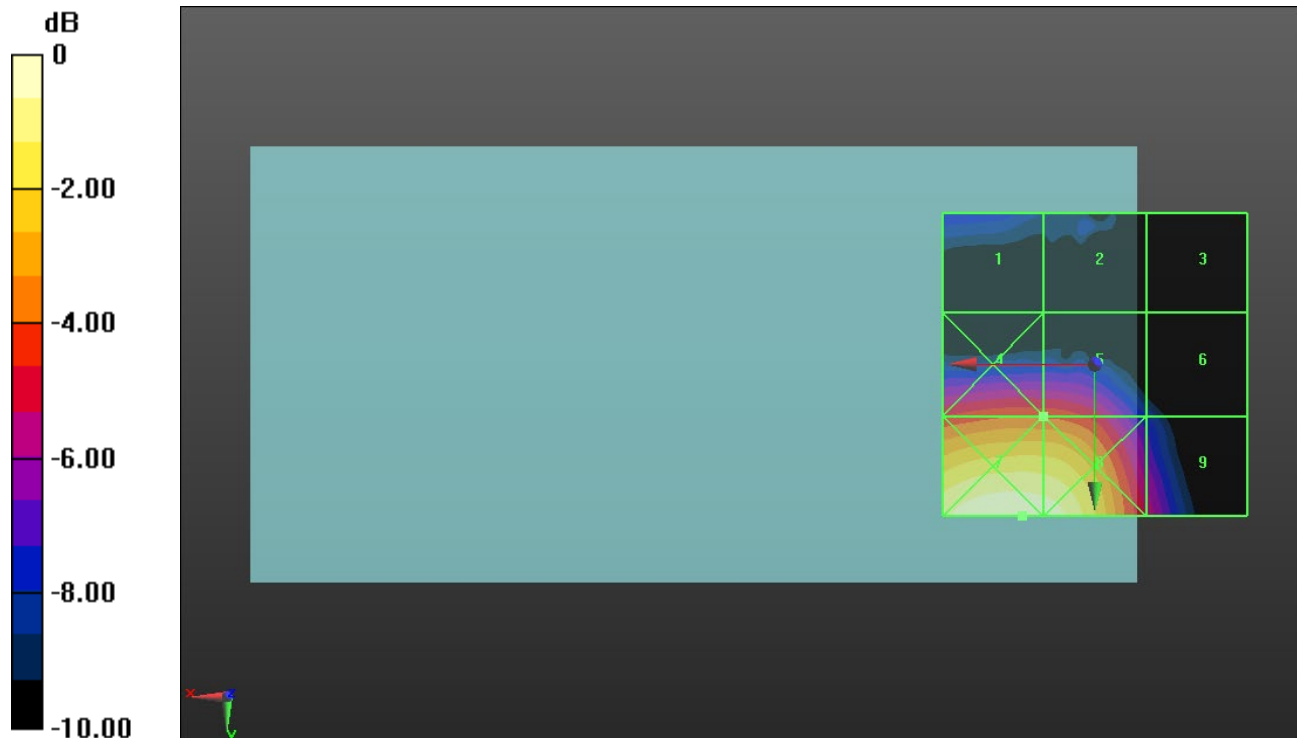
Applied MIF = 0.12 dB

RF audio interference level = 21.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.9 dBV/m	Grid 2 M4 17.04 dBV/m	Grid 3 M4 10.97 dBV/m
Grid 4 M4 21.17 dBV/m	Grid 5 M4 21.12 dBV/m	Grid 6 M4 17.25 dBV/m
Grid 7 M4 25.25 dBV/m	Grid 8 M4 25.07 dBV/m	Grid 9 M4 19.84 dBV/m



0 dB = 18.31 V/m = 25.25 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 = 8.182 V/m; Power Drift = 0.12 dB

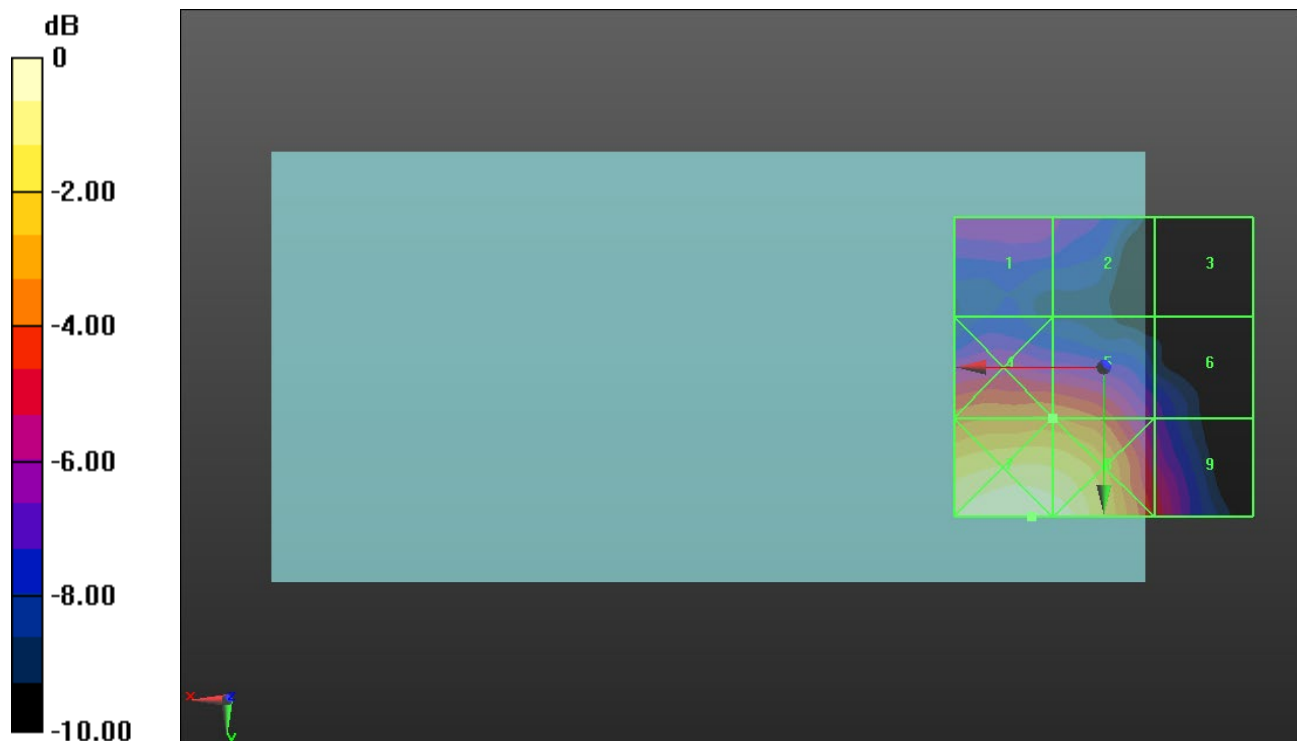
Applied MIF = 0.12 dB

RF audio interference level = 21.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.36 dBV/m	Grid 2 M4 18.9 dBV/m	Grid 3 M4 15.1 dBV/m
Grid 4 M4 21.99 dBV/m	Grid 5 M4 21.94 dBV/m	Grid 6 M4 18.39 dBV/m
Grid 7 M4 25.22 dBV/m	Grid 8 M4 25.01 dBV/m	Grid 9 M4 20.48 dBV/m



0 dB = 18.23 V/m = 25.22 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 = 7.739 V/m; Power Drift = -0.19 dB

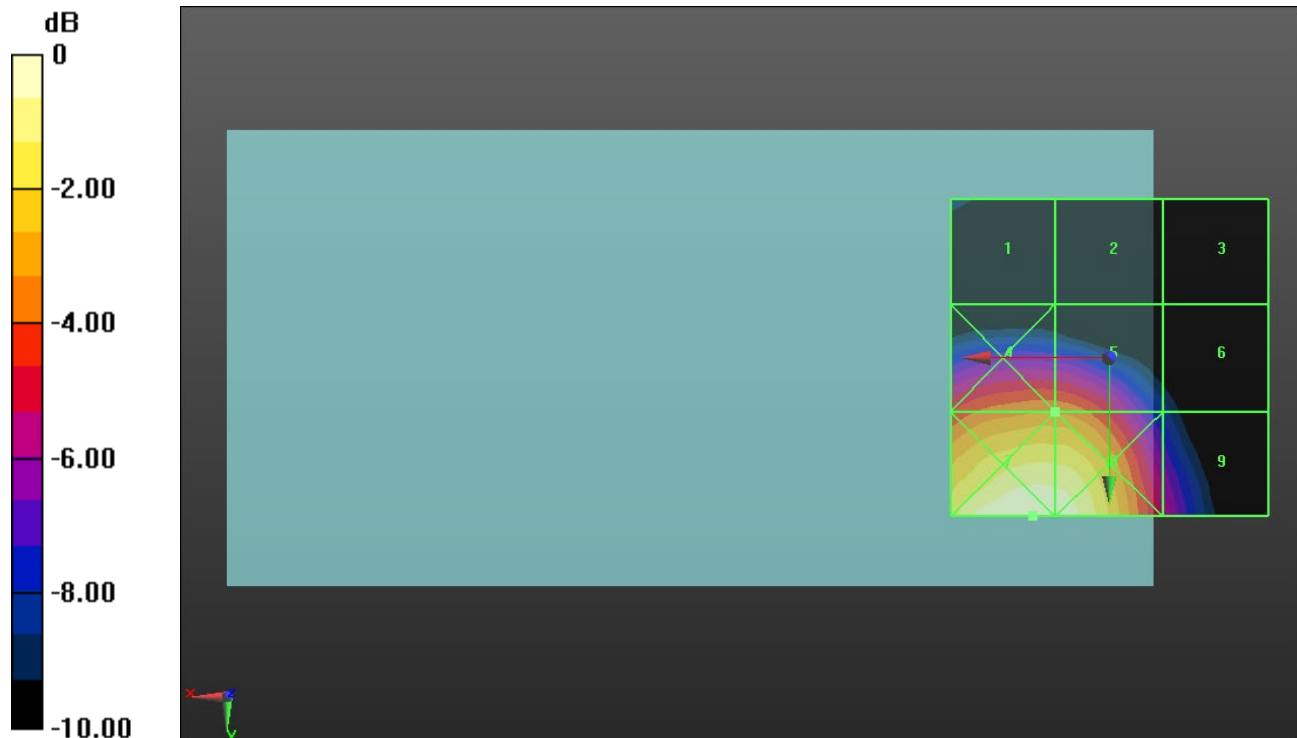
Applied MIF = 0.12 dB

RF audio interference level = 21.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.26 dBV/m	Grid 2 M4 15.25 dBV/m	Grid 3 M4 9.97 dBV/m
Grid 4 M4 21.63 dBV/m	Grid 5 M4 21.59 dBV/m	Grid 6 M4 16.75 dBV/m
Grid 7 M4 24.99 dBV/m	Grid 8 M4 24.82 dBV/m	Grid 9 M4 19.37 dBV/m



0 dB = 17.76 V/m = 24.99 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 = 4.066 V/m; Power Drift = -0.13 dB

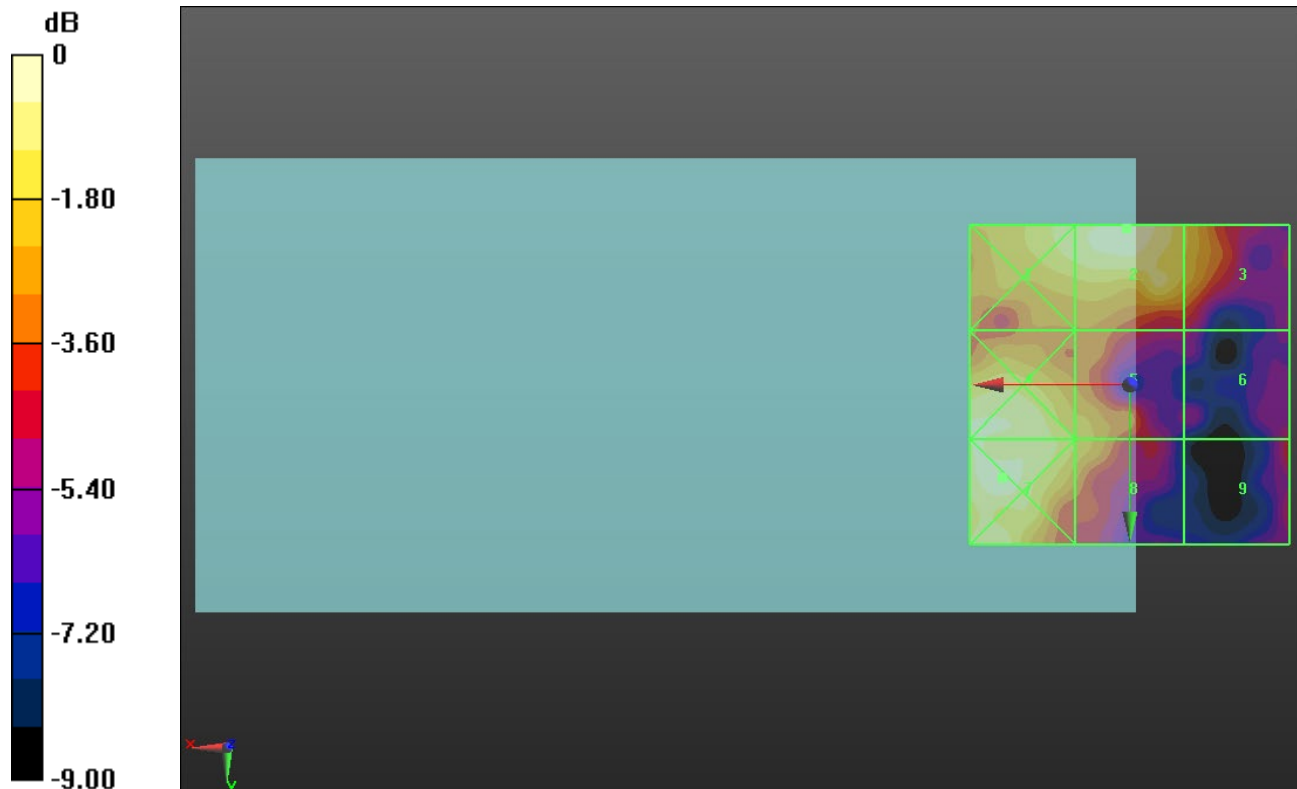
Applied MIF = -3.15 dB

RF audio interference level = 11.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.74 dBV/m	Grid 2 M4 11.34 dBV/m	Grid 3 M4 9.84 dBV/m
Grid 4 M4 10.98 dBV/m	Grid 5 M4 9.67 dBV/m	Grid 6 M4 7.22 dBV/m
Grid 7 M4 11.49 dBV/m	Grid 8 M4 9.67 dBV/m	Grid 9 M4 7.53 dBV/m



0 dB = 3.756 V/m = 11.49 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 = 3.937 V/m; Power Drift = 0.04 dB

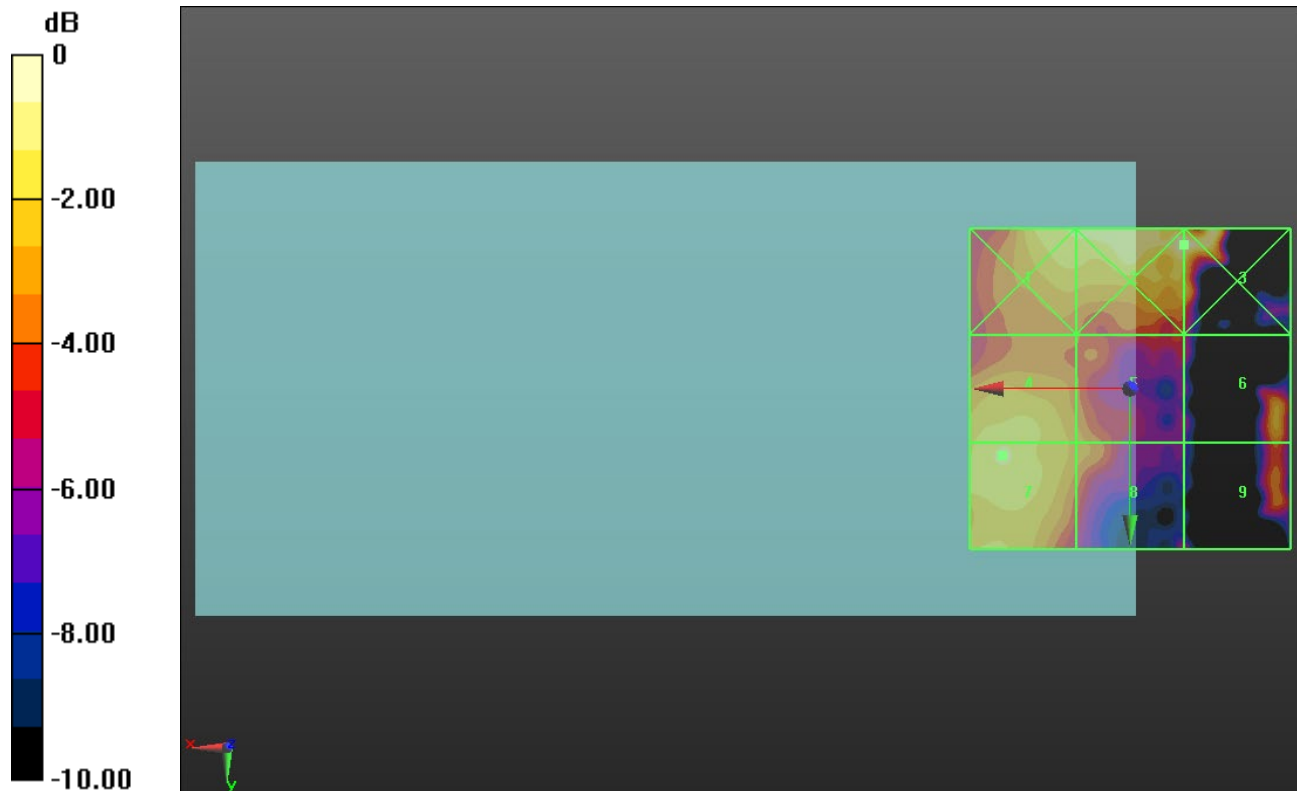
Applied MIF = -3.15 dB

RF audio interference level = 11.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.08 dBV/m	Grid 2 M4 12.26 dBV/m	Grid 3 M4 12.26 dBV/m
Grid 4 M4 10.87 dBV/m	Grid 5 M4 9.35 dBV/m	Grid 6 M4 9.84 dBV/m
Grid 7 M4 11.02 dBV/m	Grid 8 M4 9.36 dBV/m	Grid 9 M4 8.83 dBV/m



0 dB = 4.103 V/m = 12.26 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 = 3.182 V/m; Power Drift = -0.74 dB

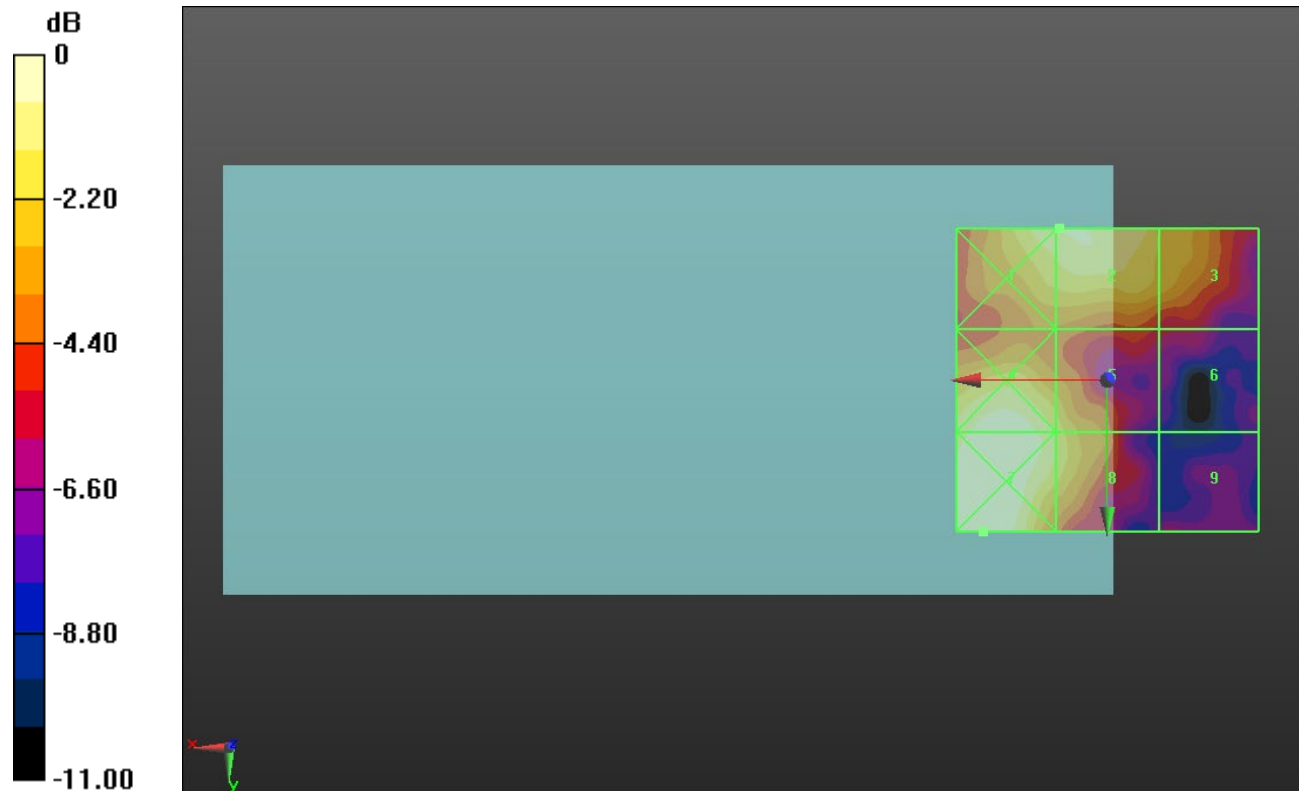
Applied MIF = -3.15 dB

RF audio interference level = 11.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.33 dBV/m	Grid 2 M4 11.34 dBV/m	Grid 3 M4 9.75 dBV/m
Grid 4 M4 11.67 dBV/m	Grid 5 M4 10.36 dBV/m	Grid 6 M4 6.63 dBV/m
Grid 7 M4 11.99 dBV/m	Grid 8 M4 10.56 dBV/m	Grid 9 M4 5.91 dBV/m



0 dB = 3.976 V/m = 11.99 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 = 4.408 V/m; Power Drift = -0.79 dB

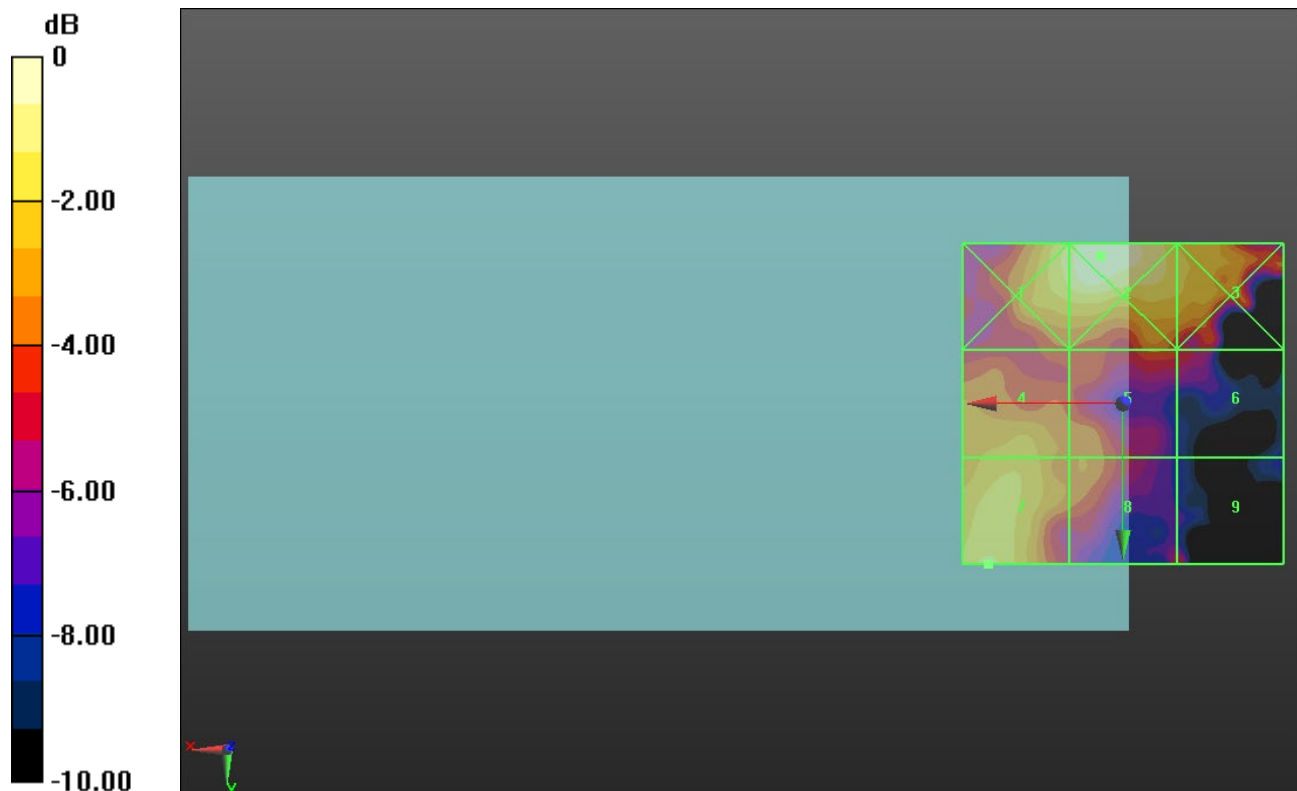
Applied MIF = -3.15 dB

RF audio interference level = 10.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.23 dBV/m	Grid 2 M4 12.16 dBV/m	Grid 3 M4 10.5 dBV/m
Grid 4 M4 9.96 dBV/m	Grid 5 M4 8.86 dBV/m	Grid 6 M4 7.58 dBV/m
Grid 7 M4 10.96 dBV/m	Grid 8 M4 8.89 dBV/m	Grid 9 M4 7.66 dBV/m



0 dB = 4.056 V/m = 12.16 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 = 4.119 V/m; Power Drift = -0.42 dB

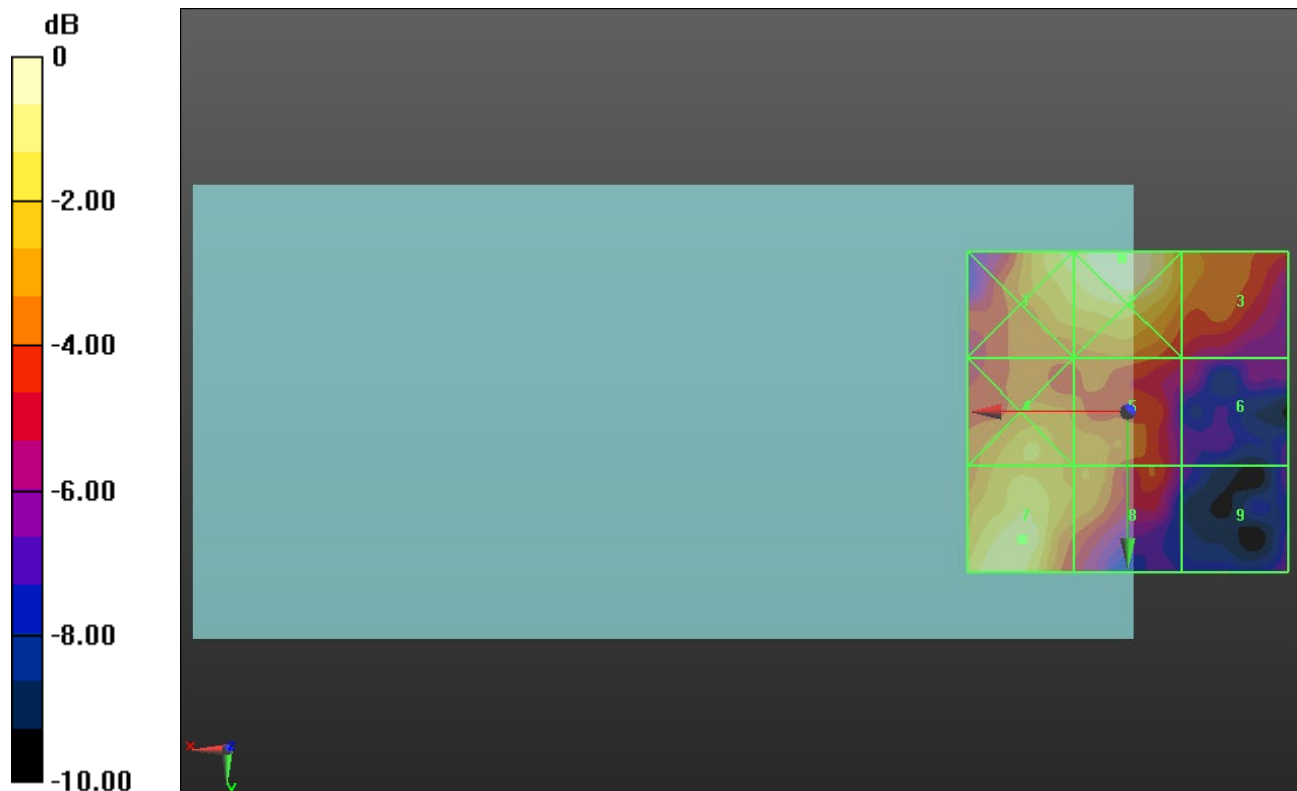
Applied MIF = -3.15 dB

RF audio interference level = 11.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.27 dBV/m	Grid 2 M4 12.15 dBV/m	Grid 3 M4 9.56 dBV/m
Grid 4 M4 10.28 dBV/m	Grid 5 M4 9.45 dBV/m	Grid 6 M4 7.14 dBV/m
Grid 7 M4 11.36 dBV/m	Grid 8 M4 9.52 dBV/m	Grid 9 M4 6.12 dBV/m



0 dB = 4.051 V/m = 12.15 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 = 4.071 V/m; Power Drift = -0.64 dB

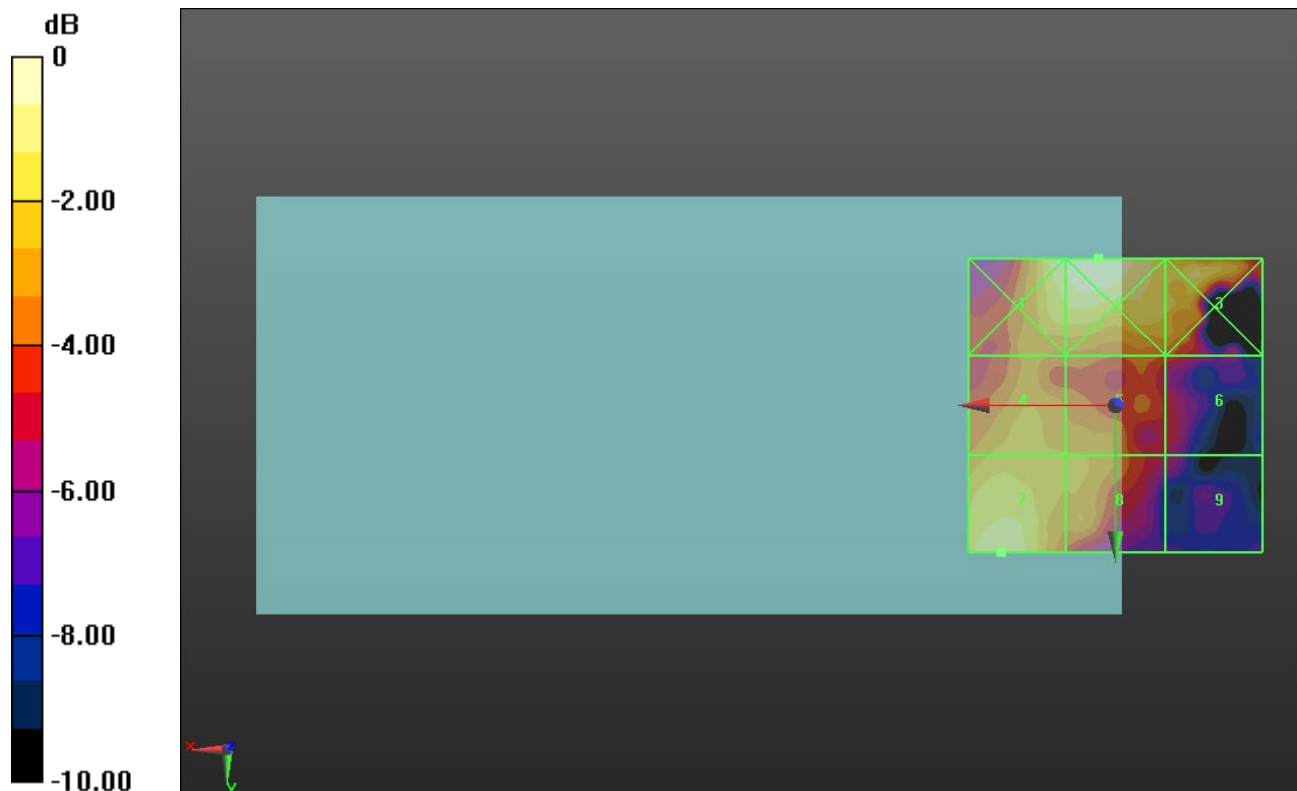
Applied MIF = -3.15 dB

RF audio interference level = 11.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.69 dBV/m	Grid 2 M4 11.91 dBV/m	Grid 3 M4 10.71 dBV/m
Grid 4 M4 9.83 dBV/m	Grid 5 M4 9.36 dBV/m	Grid 6 M4 8.03 dBV/m
Grid 7 M4 11.23 dBV/m	Grid 8 M4 9.52 dBV/m	Grid 9 M4 6.58 dBV/m



0 dB = 3.942 V/m = 11.91 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 104/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.004 V/m; Power Drift = -0.02 dB

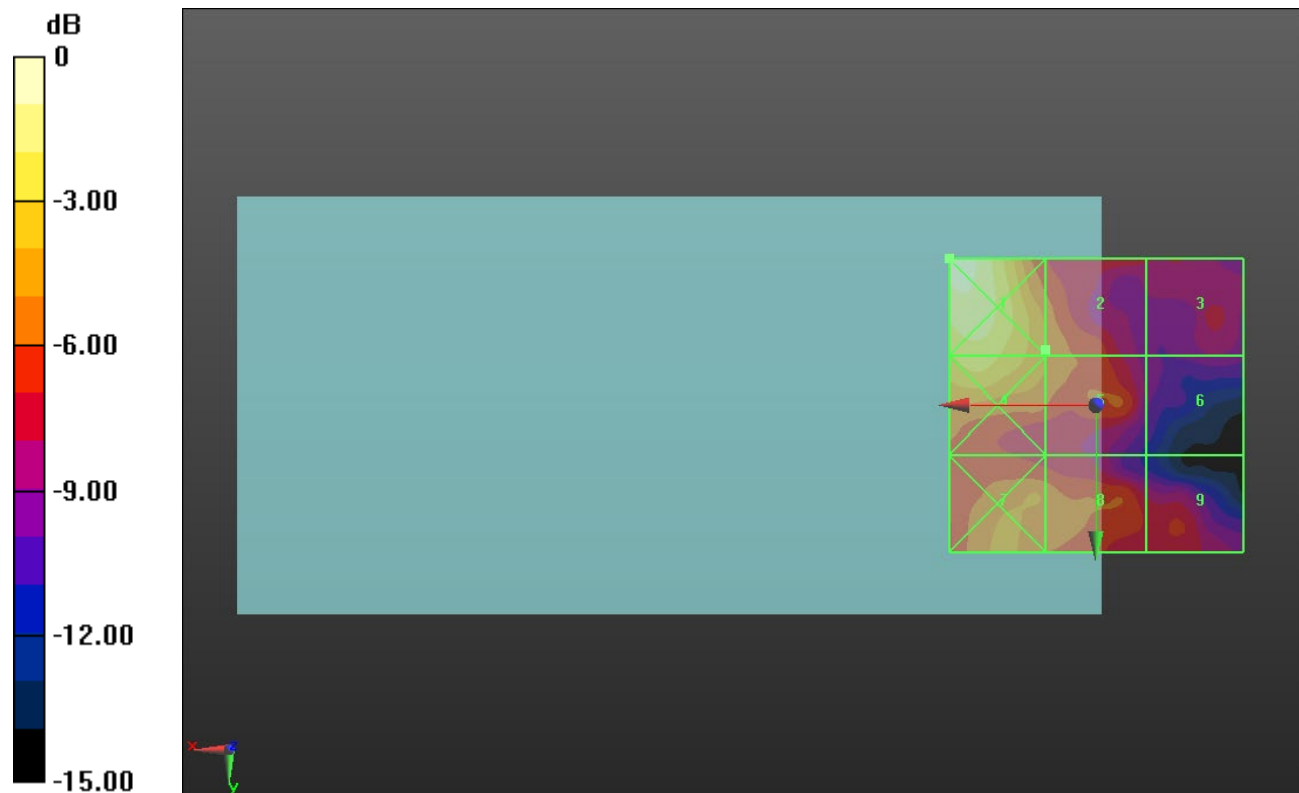
Applied MIF = -3.15 dB

RF audio interference level = 10.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.29 dBV/m	Grid 2 M4 10.4 dBV/m	Grid 3 M4 7.64 dBV/m
Grid 4 M4 12.83 dBV/m	Grid 5 M4 10.38 dBV/m	Grid 6 M4 6.35 dBV/m
Grid 7 M4 10.49 dBV/m	Grid 8 M4 10.12 dBV/m	Grid 9 M4 8.52 dBV/m



0 dB = 5.814 V/m = 15.29 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 124/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.833 V/m; Power Drift = -0.16 dB

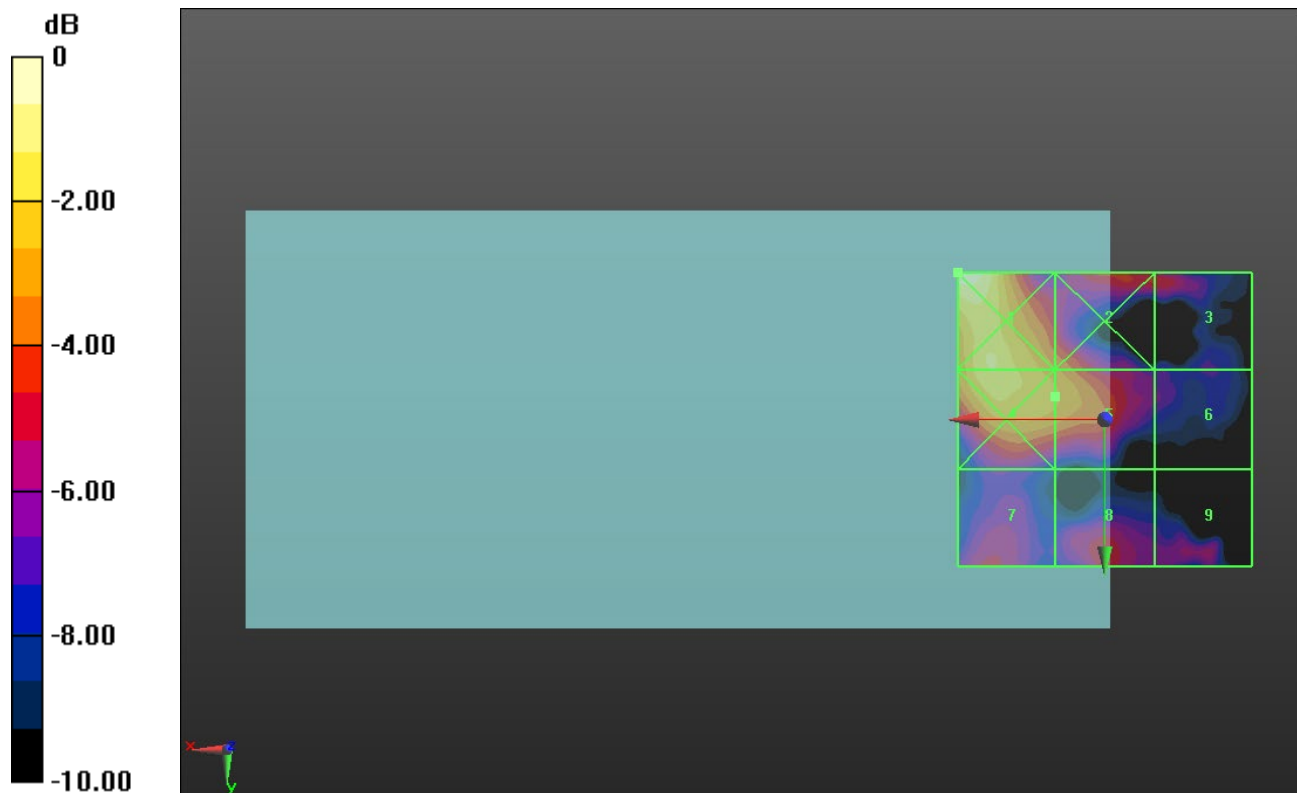
Applied MIF = -3.15 dB

RF audio interference level = 11.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.04 dBV/m	Grid 2 M4 10.87 dBV/m	Grid 3 M4 9.47 dBV/m
Grid 4 M4 12.7 dBV/m	Grid 5 M4 11.49 dBV/m	Grid 6 M4 7.73 dBV/m
Grid 7 M4 9.08 dBV/m	Grid 8 M4 9.15 dBV/m	Grid 9 M4 8.47 dBV/m



0 dB = 5.034 V/m = 14.04 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 144/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.450 V/m; Power Drift = -0.38 dB

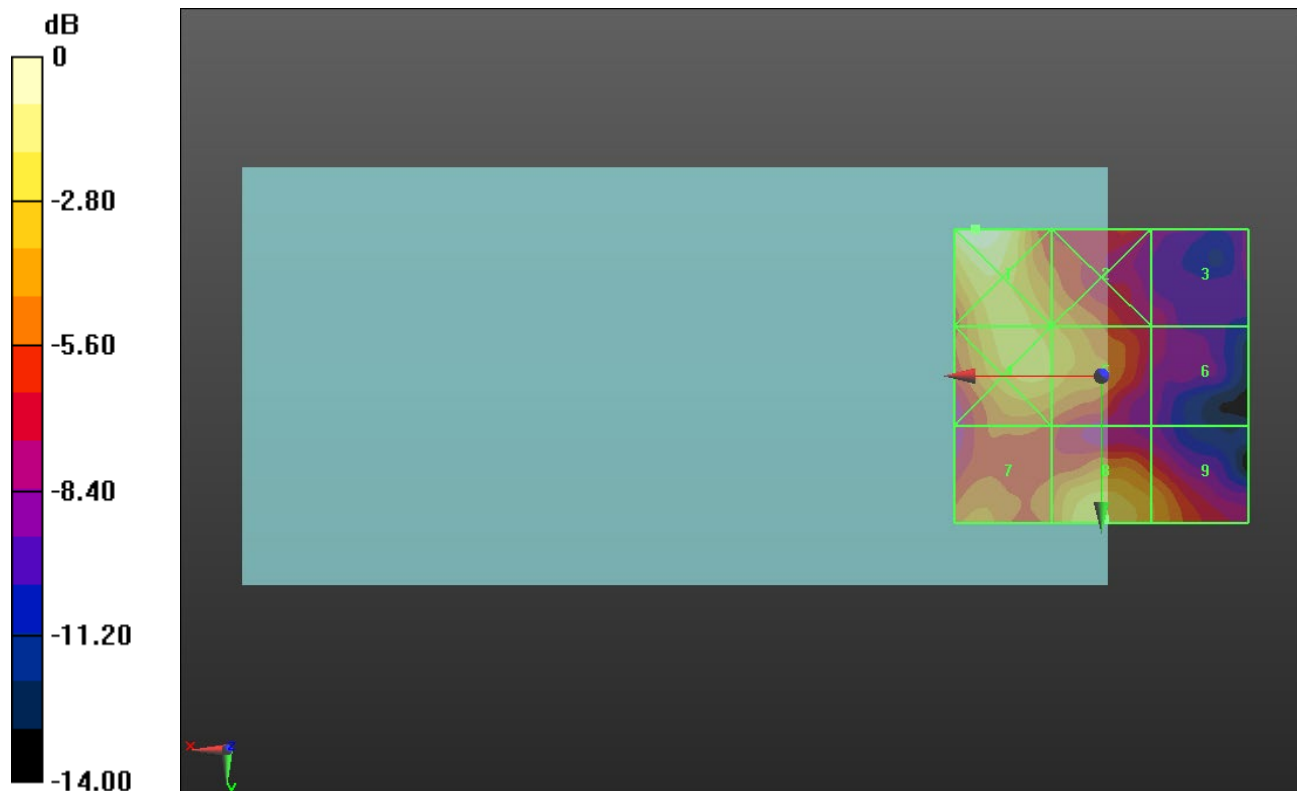
Applied MIF = -3.15 dB

RF audio interference level = 13.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.08 dBV/m	Grid 2 M4 11.54 dBV/m	Grid 3 M4 7.46 dBV/m
Grid 4 M4 12.93 dBV/m	Grid 5 M4 12.31 dBV/m	Grid 6 M4 7.48 dBV/m
Grid 7 M4 10.8 dBV/m	Grid 8 M4 13.26 dBV/m	Grid 9 M4 11.55 dBV/m



0 dB = 5.676 V/m = 15.08 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.120 V/m; Power Drift = -0.50 dB

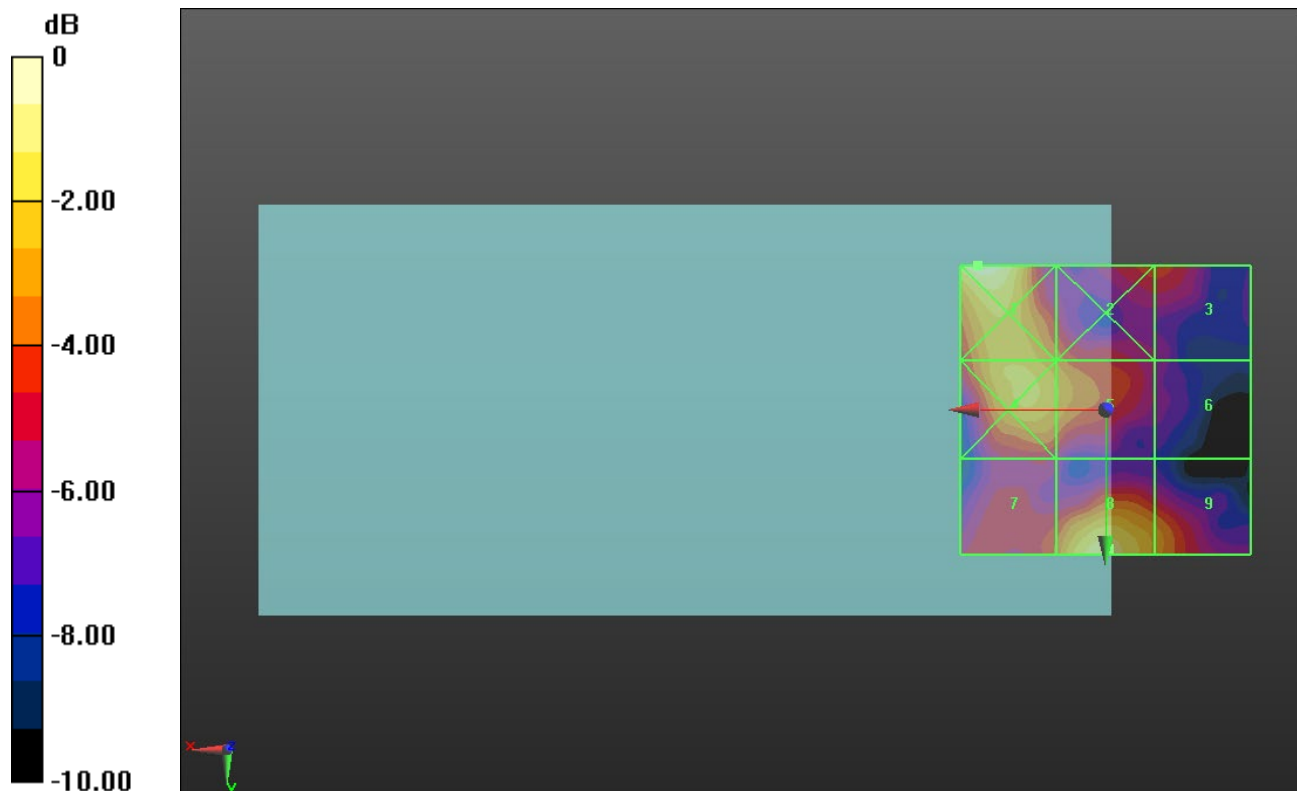
Applied MIF = -3.15 dB

RF audio interference level = 13.63 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.76 dBV/m	Grid 2 M4 11.33 dBV/m	Grid 3 M4 10.5 dBV/m
Grid 4 M4 12.98 dBV/m	Grid 5 M4 12.22 dBV/m	Grid 6 M4 8.8 dBV/m
Grid 7 M4 10.94 dBV/m	Grid 8 M4 13.63 dBV/m	Grid 9 M4 11.95 dBV/m



0 dB = 5.469 V/m = 14.76 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.757 V/m; Power Drift = -0.24 dB

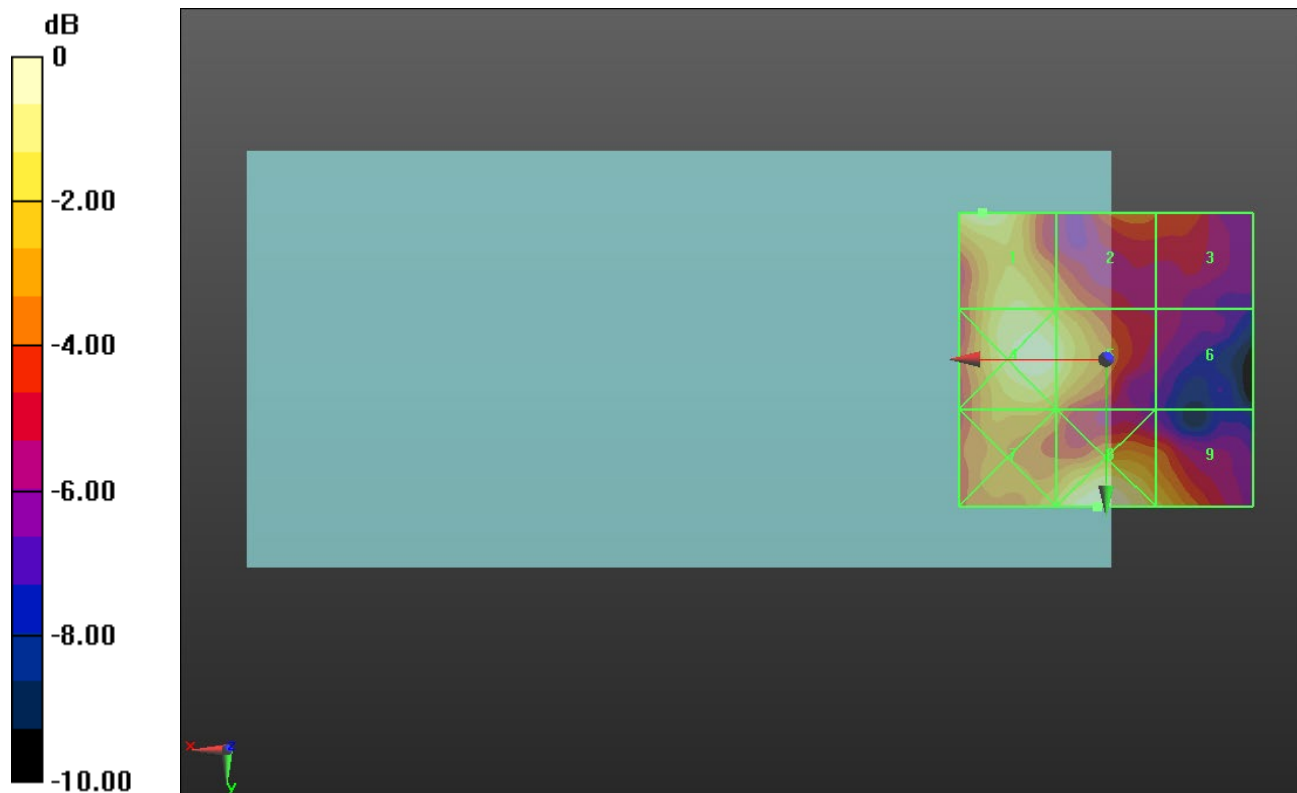
Applied MIF = -3.15 dB

RF audio interference level = 13.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.62 dBV/m	Grid 2 M4 11.68 dBV/m	Grid 3 M4 10.08 dBV/m
Grid 4 M4 13.85 dBV/m	Grid 5 M4 13.29 dBV/m	Grid 6 M4 8.67 dBV/m
Grid 7 M4 12.25 dBV/m	Grid 8 M4 14 dBV/m	Grid 9 M4 12.39 dBV/m



0 dB = 5.012 V/m = 14.00 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 165/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.336 V/m; Power Drift = -0.23 dB

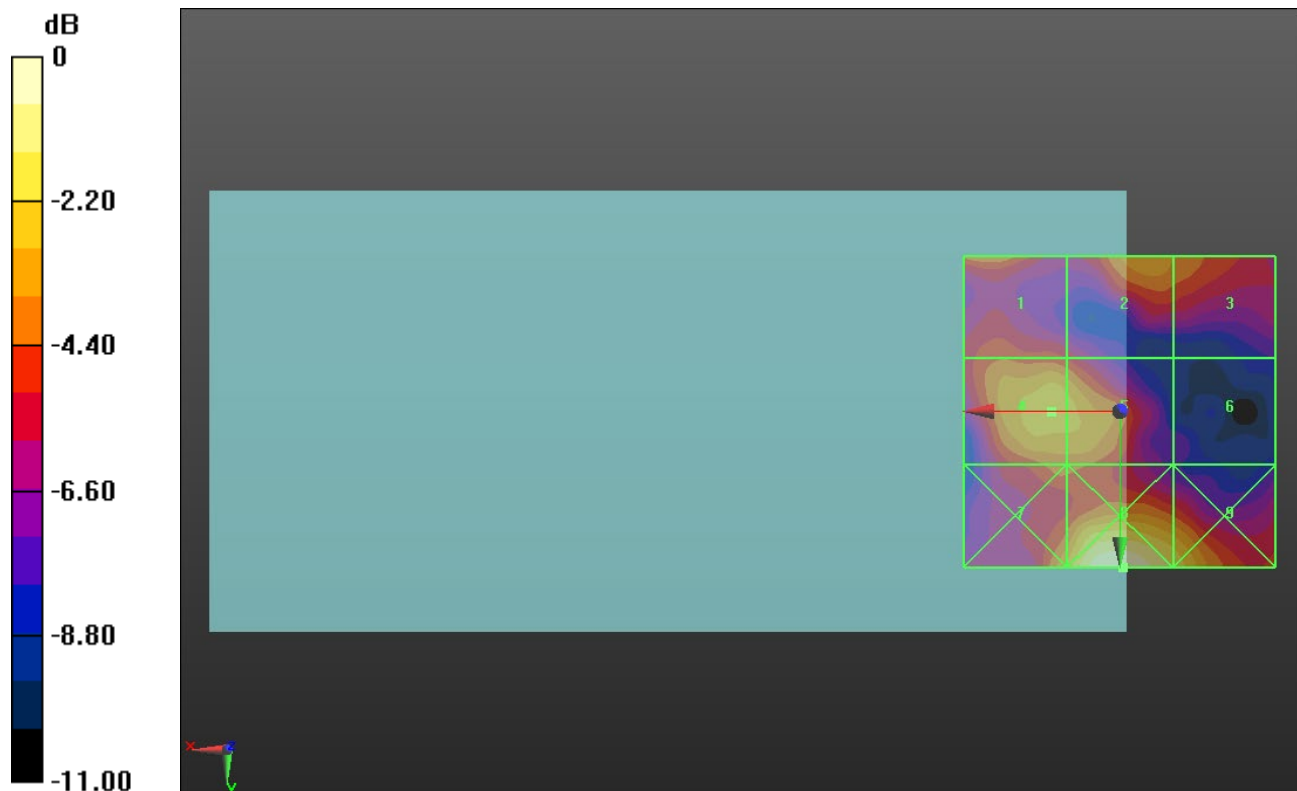
Applied MIF = -3.15 dB

RF audio interference level = 12.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.18 dBV/m	Grid 2 M4 11.24 dBV/m	Grid 3 M4 10.94 dBV/m
Grid 4 M4 12.22 dBV/m	Grid 5 M4 12.02 dBV/m	Grid 6 M4 7.05 dBV/m
Grid 7 M4 11.81 dBV/m	Grid 8 M4 14.54 dBV/m	Grid 9 M4 13.02 dBV/m



0 dB = 5.335 V/m = 14.54 dBV/m

HAC-RF Emission ANT6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 149/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.14 V/m; Power Drift = 0.08 dB

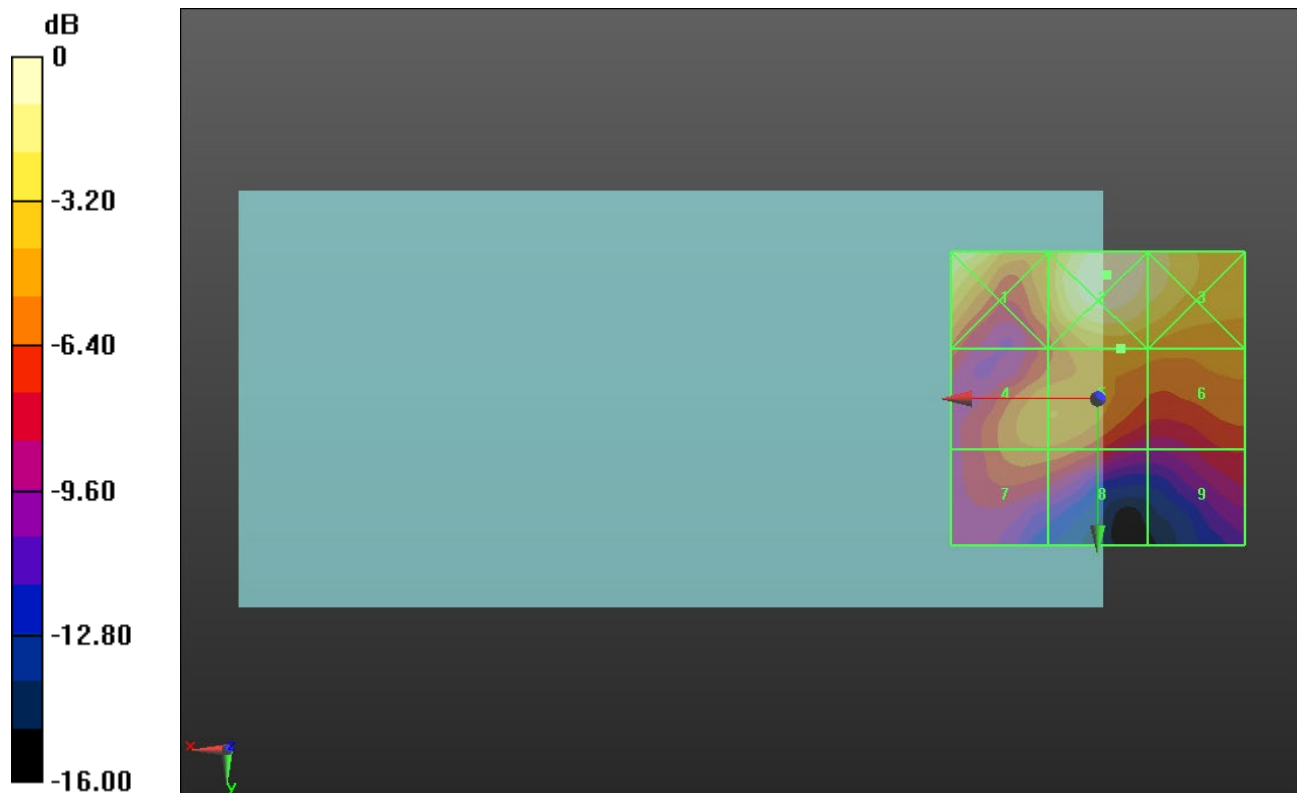
Applied MIF = -3.15 dB

RF audio interference level = 20.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.93 dBV/m	Grid 2 M4 24.68 dBV/m	Grid 3 M4 23.49 dBV/m
Grid 4 M4 20.41 dBV/m	Grid 5 M4 20.63 dBV/m	Grid 6 M4 20.12 dBV/m
Grid 7 M4 19.22 dBV/m	Grid 8 M4 19.19 dBV/m	Grid 9 M4 17.39 dBV/m



0 dB = 17.13 V/m = 24.68 dBV/m

HAC-RF Emission ANT6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.40 V/m; Power Drift = -0.13 dB

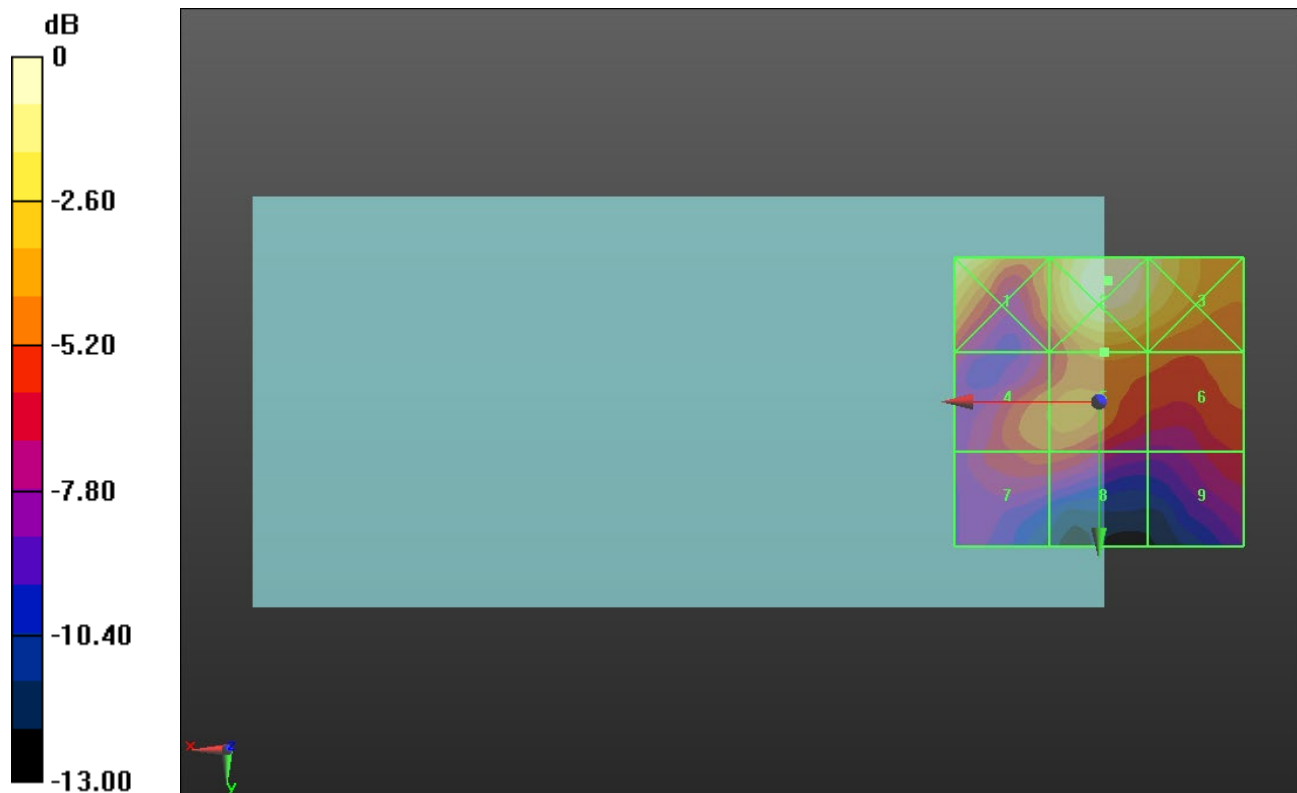
Applied MIF = -3.15 dB

RF audio interference level = 20.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.96 dBV/m	Grid 2 M4 24.5 dBV/m	Grid 3 M4 23.34 dBV/m
Grid 4 M4 20.29 dBV/m	Grid 5 M4 20.62 dBV/m	Grid 6 M4 20 dBV/m
Grid 7 M4 19.26 dBV/m	Grid 8 M4 19.26 dBV/m	Grid 9 M4 18.53 dBV/m



0 dB = 16.80 V/m = 24.51 dBV/m

HAC-RF Emission ANT6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 165/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.72 V/m; Power Drift = 0.03 dB

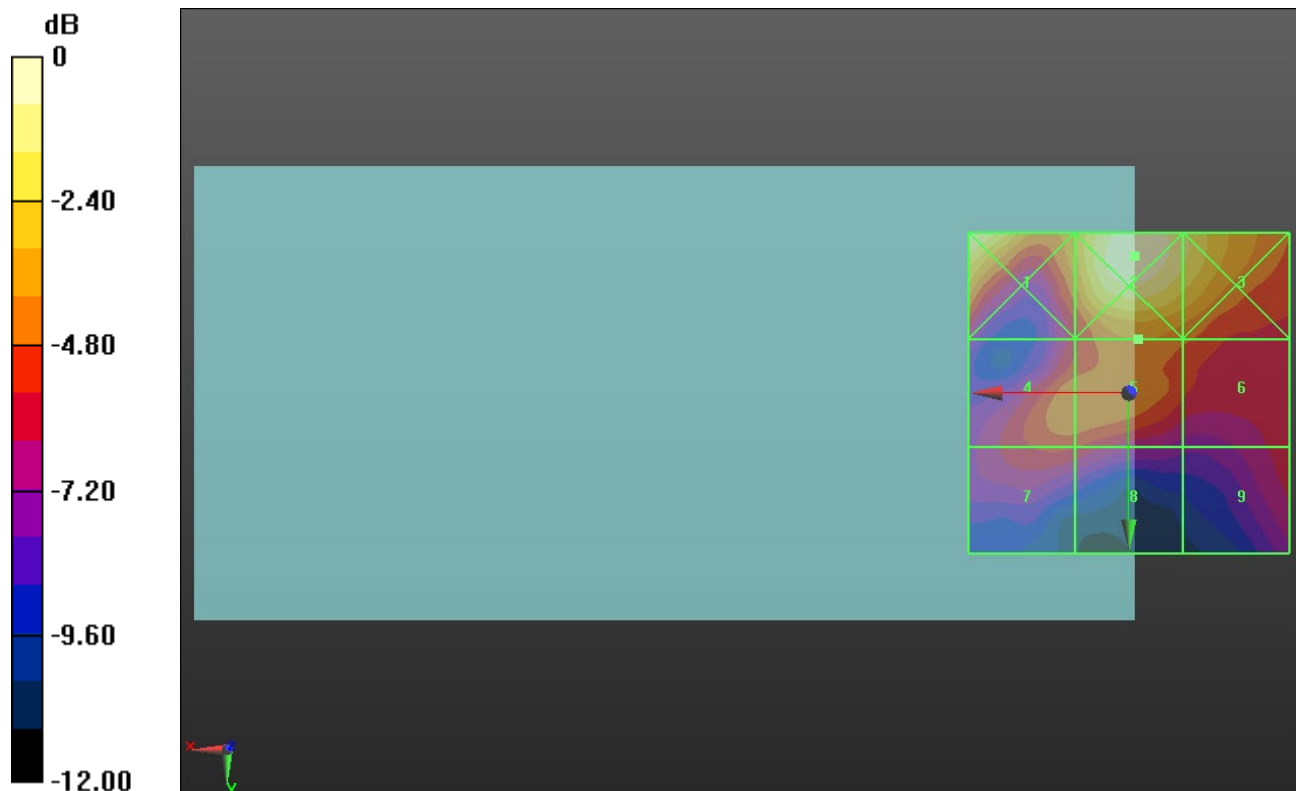
Applied MIF = -3.15 dB

RF audio interference level = 20.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.96 dBV/m	Grid 2 M4 24.29 dBV/m	Grid 3 M4 22.93 dBV/m
Grid 4 M4 20.26 dBV/m	Grid 5 M4 20.35 dBV/m	Grid 6 M4 19.73 dBV/m
Grid 7 M4 18.95 dBV/m	Grid 8 M4 18.75 dBV/m	Grid 9 M4 18.4 dBV/m



0 dB = 16.38 V/m = 24.29 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 = 7.865 V/m; Power Drift = 0.06 dB

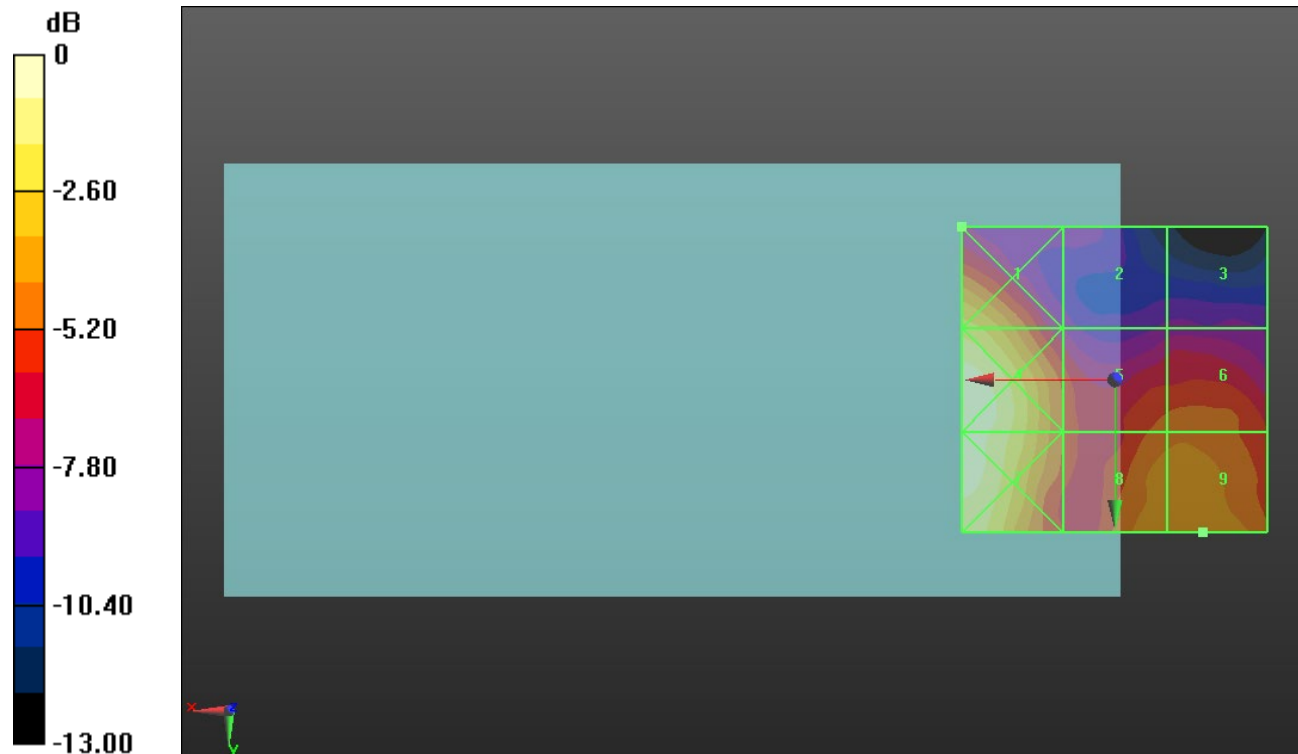
Applied MIF = -1.44 dB

RF audio interference level = 19.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.21 dBV/m	Grid 2 M4 15.57 dBV/m	Grid 3 M4 15.12 dBV/m
Grid 4 M4 23.32 dBV/m	Grid 5 M4 18.6 dBV/m	Grid 6 M4 18.76 dBV/m
Grid 7 M4 23.18 dBV/m	Grid 8 M4 19.55 dBV/m	Grid 9 M4 19.73 dBV/m



0 dB = 14.65 V/m = 23.32 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 = 7.352 V/m; Power Drift = -0.33 dB

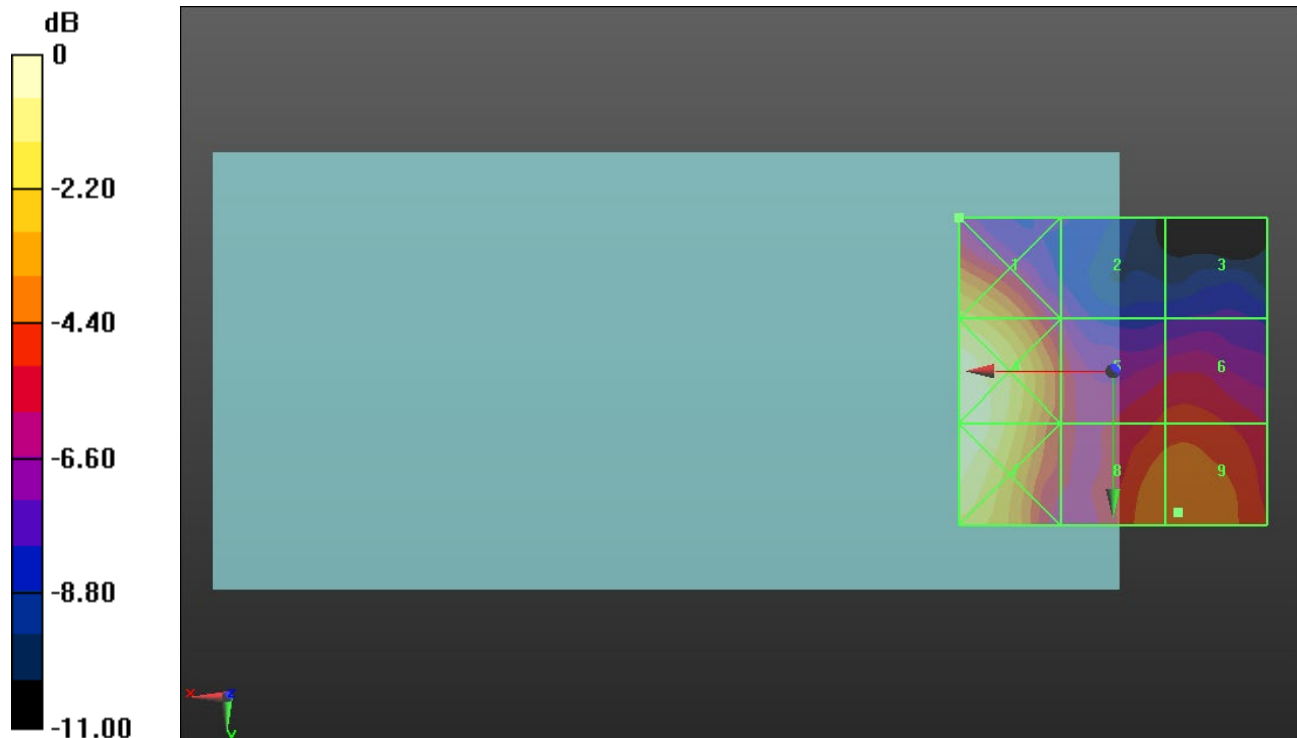
Applied MIF = -1.44 dB

RF audio interference level = 19.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.12 dBV/m	Grid 2 M4 16.32 dBV/m	Grid 3 M4 15.14 dBV/m
Grid 4 M4 22.91 dBV/m	Grid 5 M4 18.14 dBV/m	Grid 6 M4 18.18 dBV/m
Grid 7 M4 22.74 dBV/m	Grid 8 M4 19.18 dBV/m	Grid 9 M4 19.24 dBV/m



0 dB = 13.98 V/m = 22.91 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 = 9.292 V/m; Power Drift = -0.09 dB

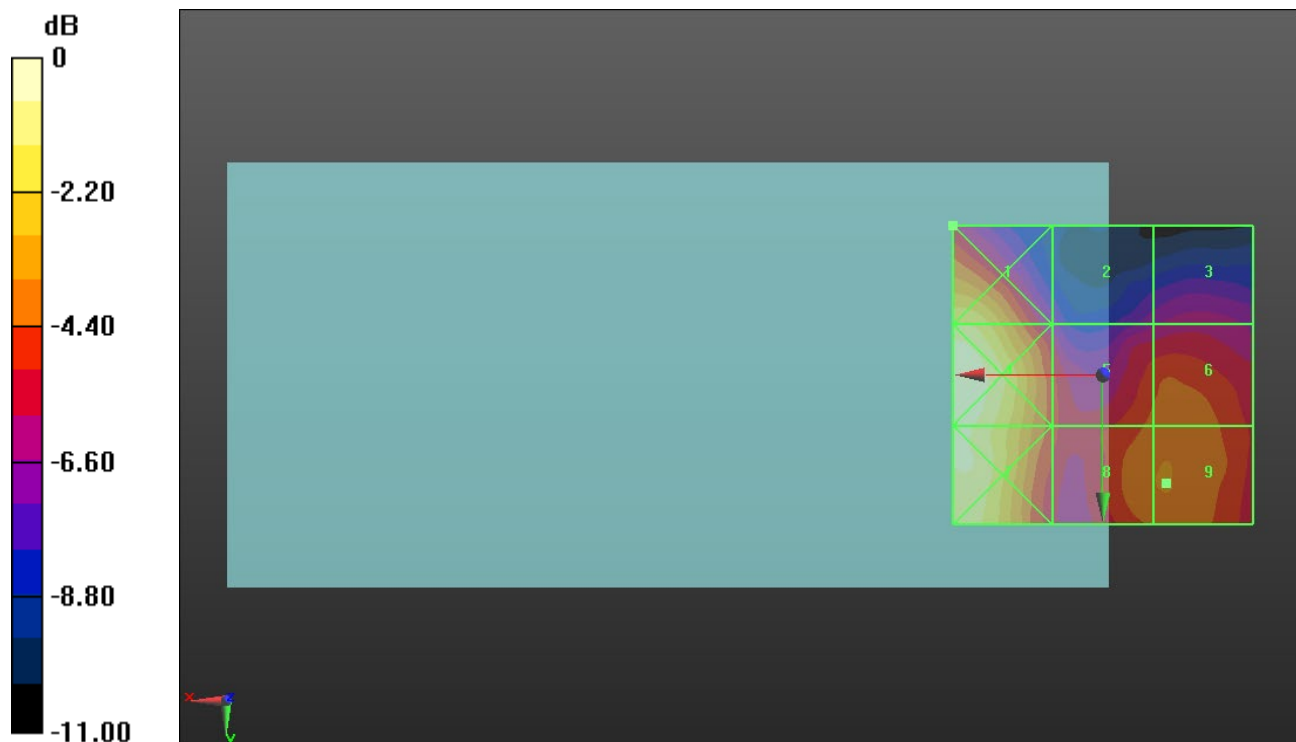
Applied MIF = -1.44 dB

RF audio interference level = 20.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.24 dBV/m	Grid 2 M4 16.96 dBV/m	Grid 3 M4 17.54 dBV/m
Grid 4 M4 23.63 dBV/m	Grid 5 M4 19.5 dBV/m	Grid 6 M4 19.73 dBV/m
Grid 7 M4 23.29 dBV/m	Grid 8 M4 19.97 dBV/m	Grid 9 M4 20.01 dBV/m



0 dB = 15.19 V/m = 23.63 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 = 7.638 V/m; Power Drift = -0.02 dB

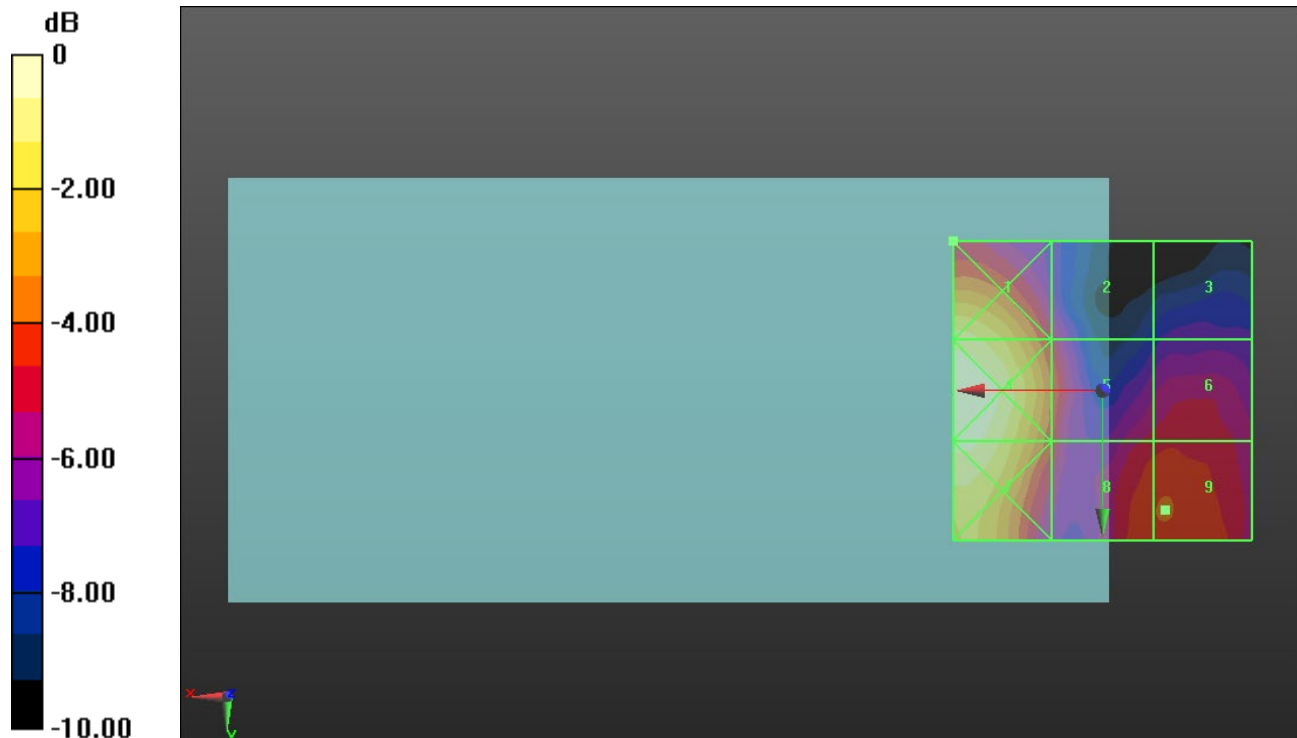
Applied MIF = -1.44 dB

RF audio interference level = 18.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.62 dBV/m	Grid 2 M4 17.52 dBV/m	Grid 3 M4 15.7 dBV/m
Grid 4 M4 22.56 dBV/m	Grid 5 M4 18.58 dBV/m	Grid 6 M4 17.81 dBV/m
Grid 7 M4 22.11 dBV/m	Grid 8 M4 18.54 dBV/m	Grid 9 M4 18.65 dBV/m



0 dB = 13.43 V/m = 22.56 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 = 30.03 V/m; Power Drift = -0.10 dB

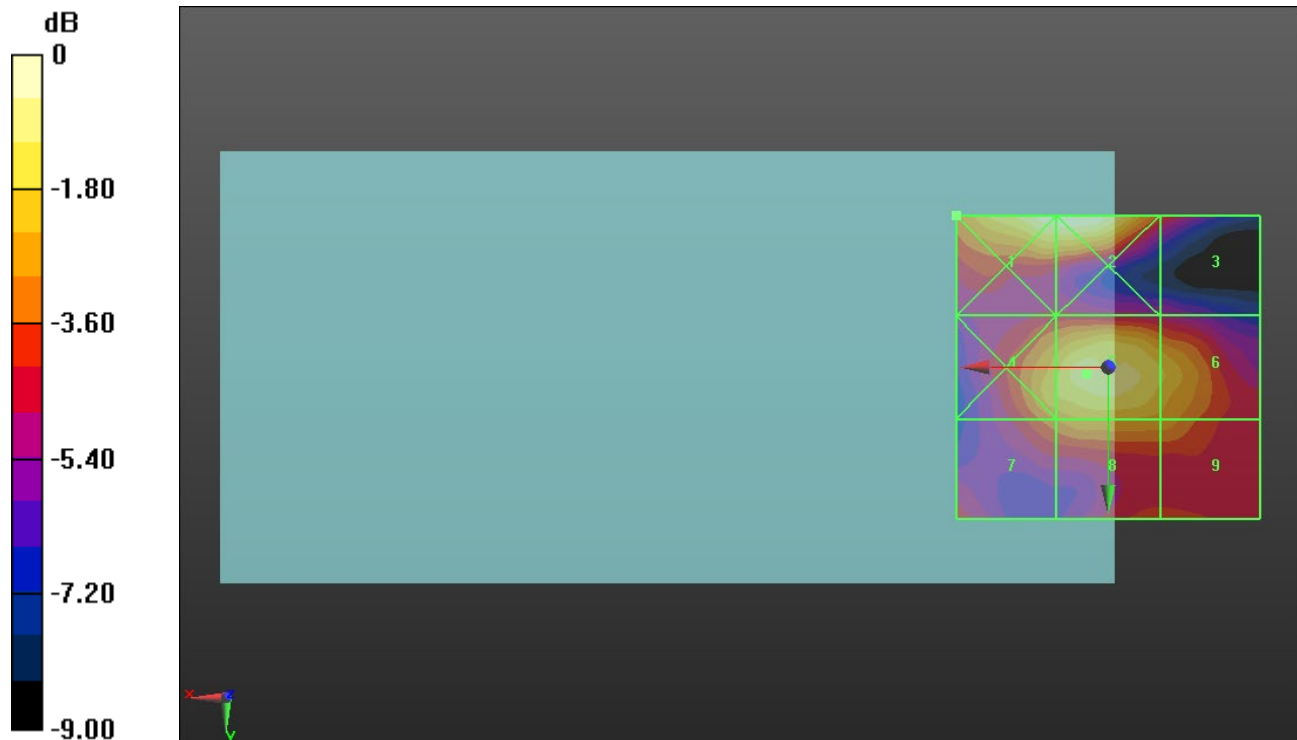
Applied MIF = -1.44 dB

RF audio interference level = 22.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.52 dBV/m	Grid 2 M4 23.58 dBV/m	Grid 3 M4 20.07 dBV/m
Grid 4 M4 21.86 dBV/m	Grid 5 M4 22.73 dBV/m	Grid 6 M4 21.93 dBV/m
Grid 7 M4 20.63 dBV/m	Grid 8 M4 21.25 dBV/m	Grid 9 M4 20.99 dBV/m



0 dB = 15.10 V/m = 23.58 dBV/m

HAC-RF Emission ANT8

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.72 V/m; Power Drift = -0.01 dB

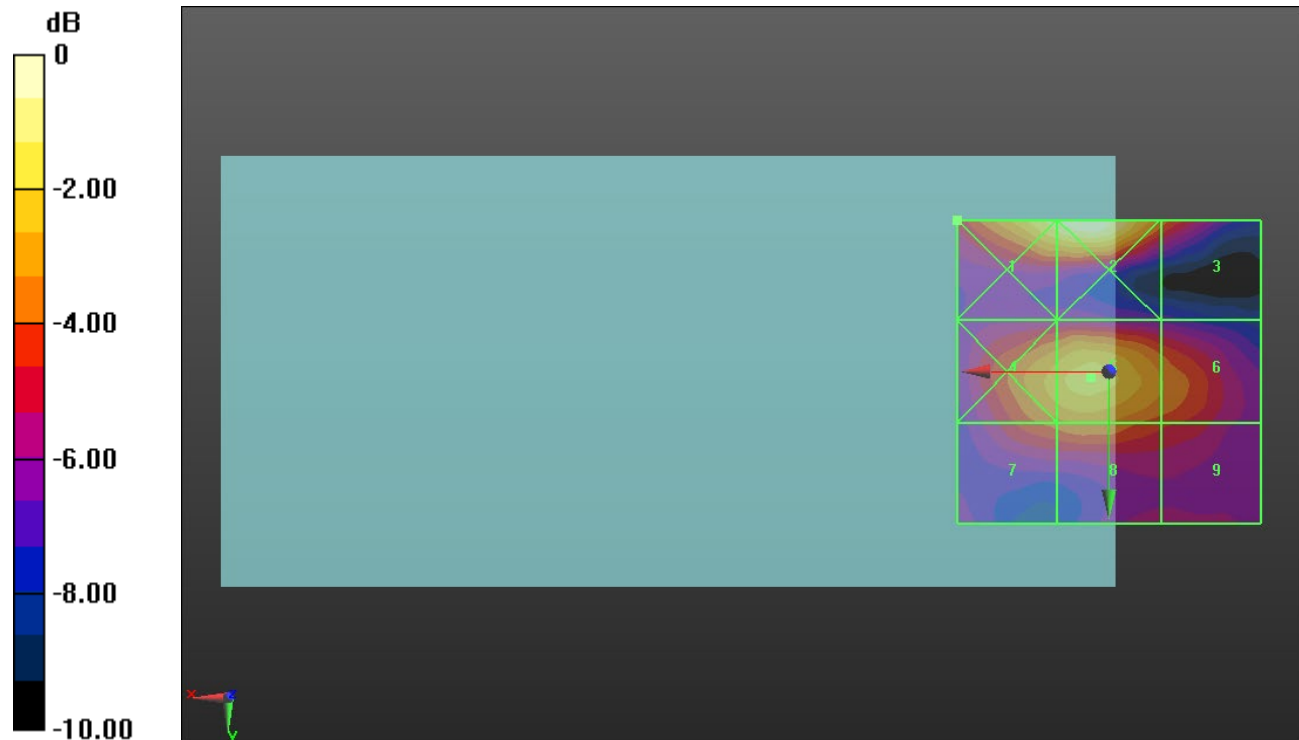
Applied MIF = -1.44 dB

RF audio interference level = 22.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.26 dBV/m	Grid 2 M4 24.02 dBV/m	Grid 3 M4 20.64 dBV/m
Grid 4 M4 21.78 dBV/m	Grid 5 M4 22.37 dBV/m	Grid 6 M4 20.79 dBV/m
Grid 7 M4 20.4 dBV/m	Grid 8 M4 20.78 dBV/m	Grid 9 M4 19.63 dBV/m



0 dB = 15.89 V/m = 24.02 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 = 27.98 V/m; Power Drift = -0.16 dB

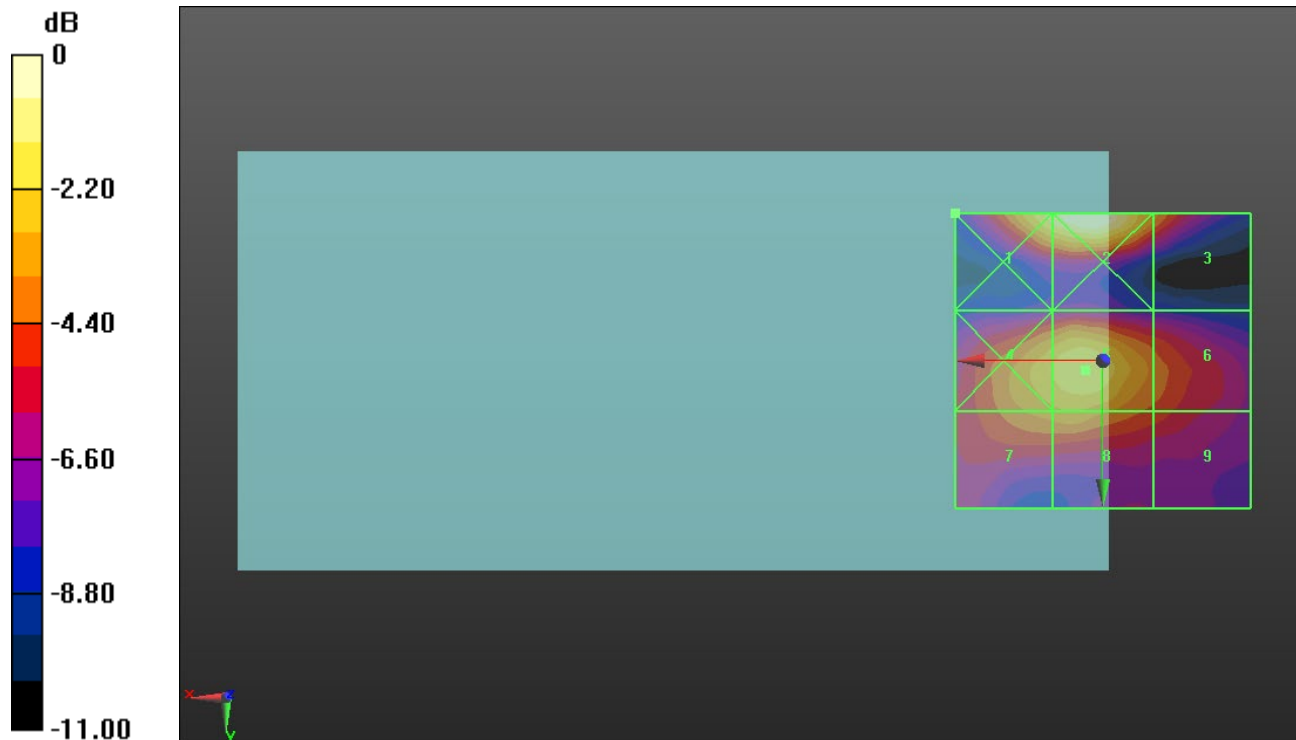
Applied MIF = -1.44 dB

RF audio interference level = 22.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.38 dBV/m	Grid 2 M4 24.41 dBV/m	Grid 3 M4 21.23 dBV/m
Grid 4 M4 22.28 dBV/m	Grid 5 M4 22.93 dBV/m	Grid 6 M4 20.57 dBV/m
Grid 7 M4 21.24 dBV/m	Grid 8 M4 21.5 dBV/m	Grid 9 M4 19.79 dBV/m



0 dB = 16.61 V/m = 24.41 dBV/m

HAC-RF Emission ANT8

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.76 V/m; Power Drift = -0.33 dB

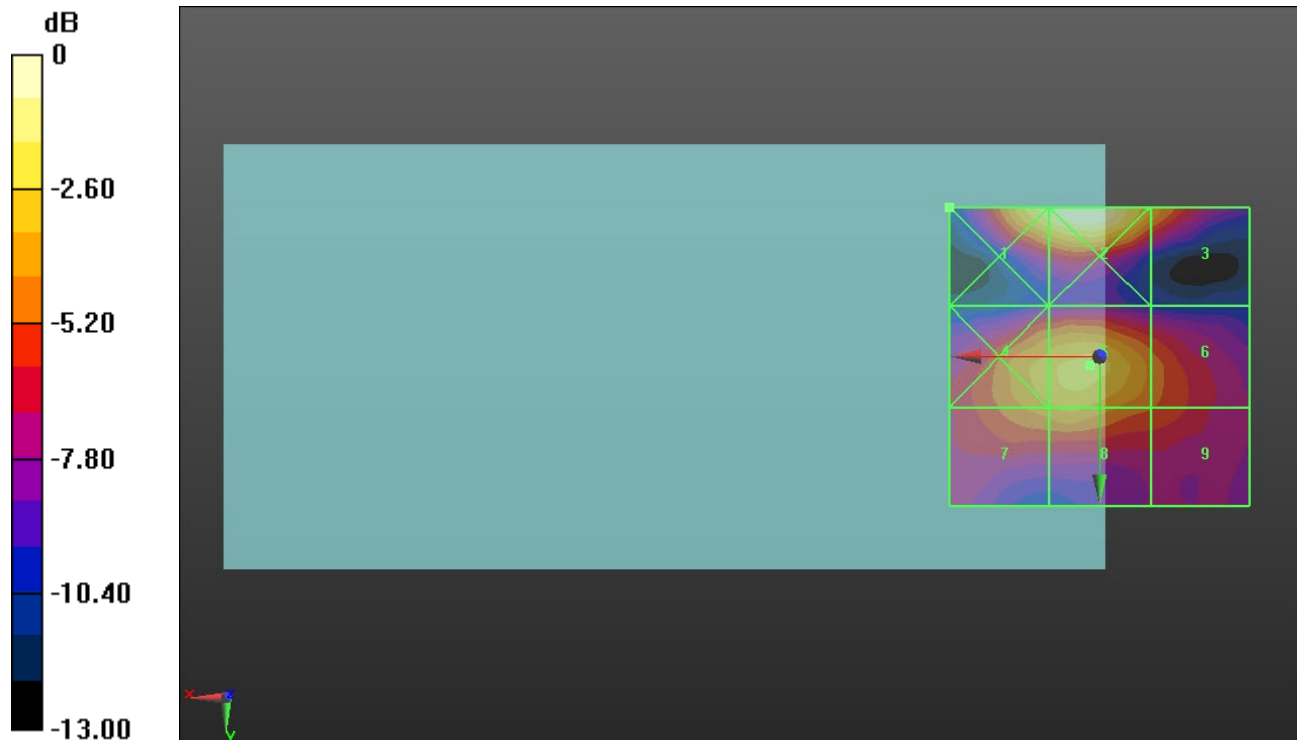
Applied MIF = -1.44 dB

RF audio interference level = 22.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.18 dBV/m	Grid 2 M4 25.08 dBV/m	Grid 3 M4 21.71 dBV/m
Grid 4 M4 22.25 dBV/m	Grid 5 M4 22.91 dBV/m	Grid 6 M4 20.56 dBV/m
Grid 7 M4 21.37 dBV/m	Grid 8 M4 21.85 dBV/m	Grid 9 M4 19.96 dBV/m



0 dB = 17.94 V/m = 25.08 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.170 V/m; Power Drift = 0.06 dB

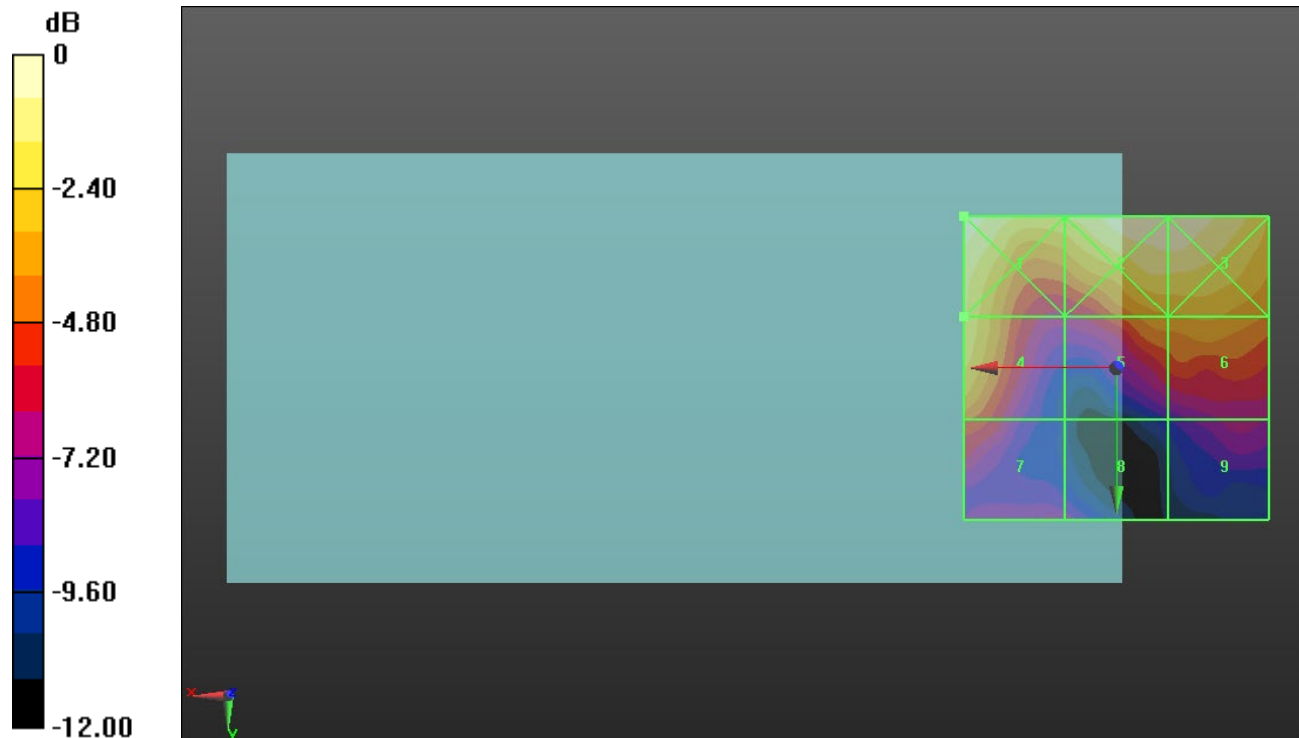
Applied MIF = -1.44 dB

RF audio interference level = 17.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.27 dBV/m	Grid 2 M4 19.46 dBV/m	Grid 3 M4 19.27 dBV/m
Grid 4 M4 17.91 dBV/m	Grid 5 M4 16.12 dBV/m	Grid 6 M4 16.41 dBV/m
Grid 7 M4 14.74 dBV/m	Grid 8 M4 12.09 dBV/m	Grid 9 M4 12.72 dBV/m



0 dB = 9.397 V/m = 19.46 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.115 V/m; Power Drift = -0.19 dB

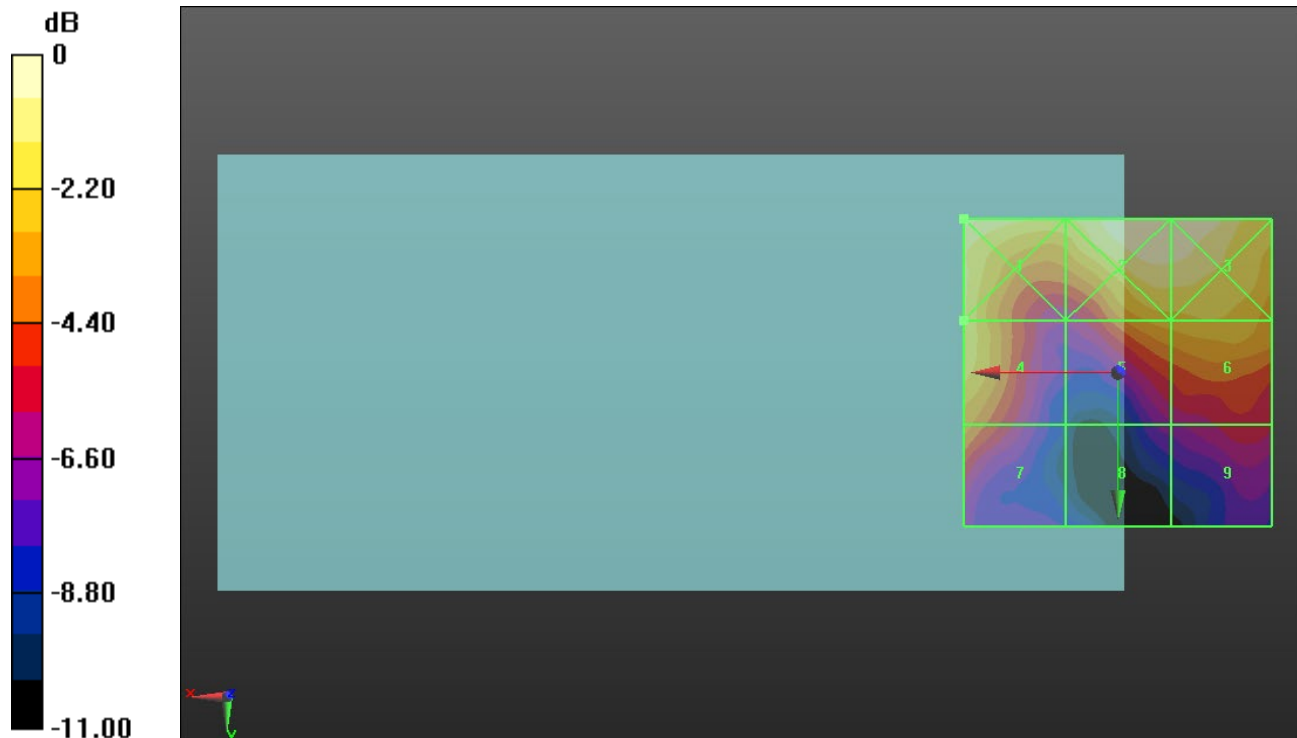
Applied MIF = -1.44 dB

RF audio interference level = 19.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.93 dBV/m	Grid 2 M4 20.37 dBV/m	Grid 3 M4 20.21 dBV/m
Grid 4 M4 19 dBV/m	Grid 5 M4 17.84 dBV/m	Grid 6 M4 18.17 dBV/m
Grid 7 M4 17.16 dBV/m	Grid 8 M4 13.55 dBV/m	Grid 9 M4 15.07 dBV/m



0 dB = 10.44 V/m = 20.37 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 = 6.045 V/m; Power Drift = 0.17 dB

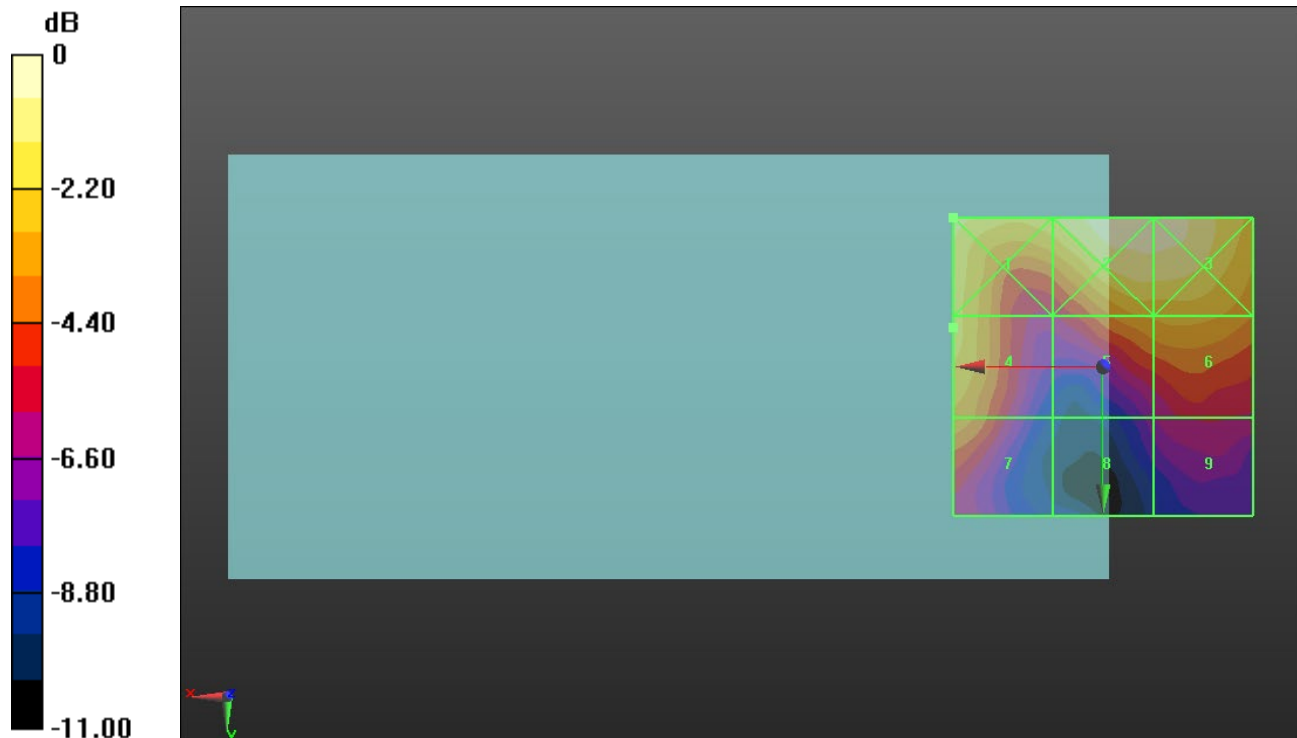
Applied MIF = -1.44 dB

RF audio interference level = 19.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.86 dBV/m	Grid 2 M4 20.93 dBV/m	Grid 3 M4 20.77 dBV/m
Grid 4 M4 19.09 dBV/m	Grid 5 M4 18.12 dBV/m	Grid 6 M4 18.28 dBV/m
Grid 7 M4 17.82 dBV/m	Grid 8 M4 14.24 dBV/m	Grid 9 M4 15.22 dBV/m



0 dB = 11.13 V/m = 20.93 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 = 7.678 V/m; Power Drift = -0.31 dB

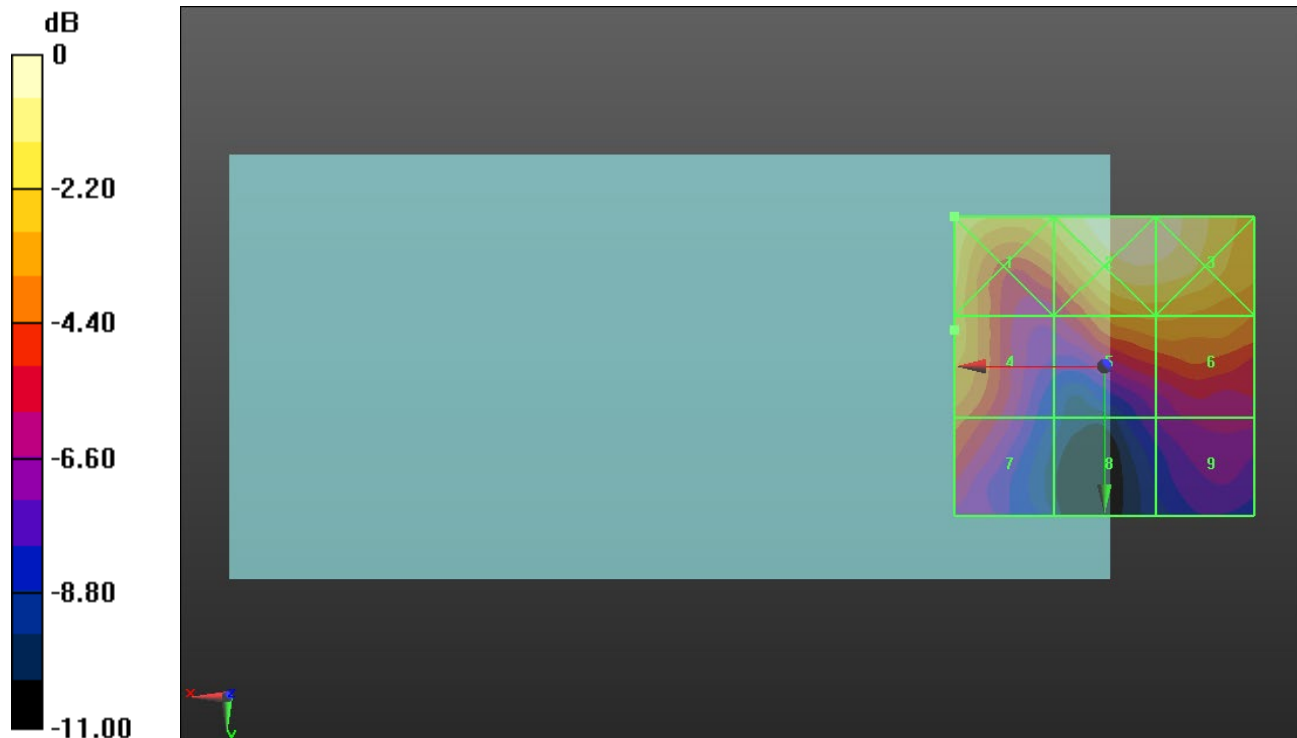
Applied MIF = -1.44 dB

RF audio interference level = 19.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.75 dBV/m	Grid 2 M4 21.98 dBV/m	Grid 3 M4 21.89 dBV/m
Grid 4 M4 19.72 dBV/m	Grid 5 M4 19.23 dBV/m	Grid 6 M4 19.23 dBV/m
Grid 7 M4 18 dBV/m	Grid 8 M4 14.66 dBV/m	Grid 9 M4 15.7 dBV/m



0 dB = 12.55 V/m = 21.97 dBV/m