

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 = 35.94 V/m; Power Drift = -0.04 dB

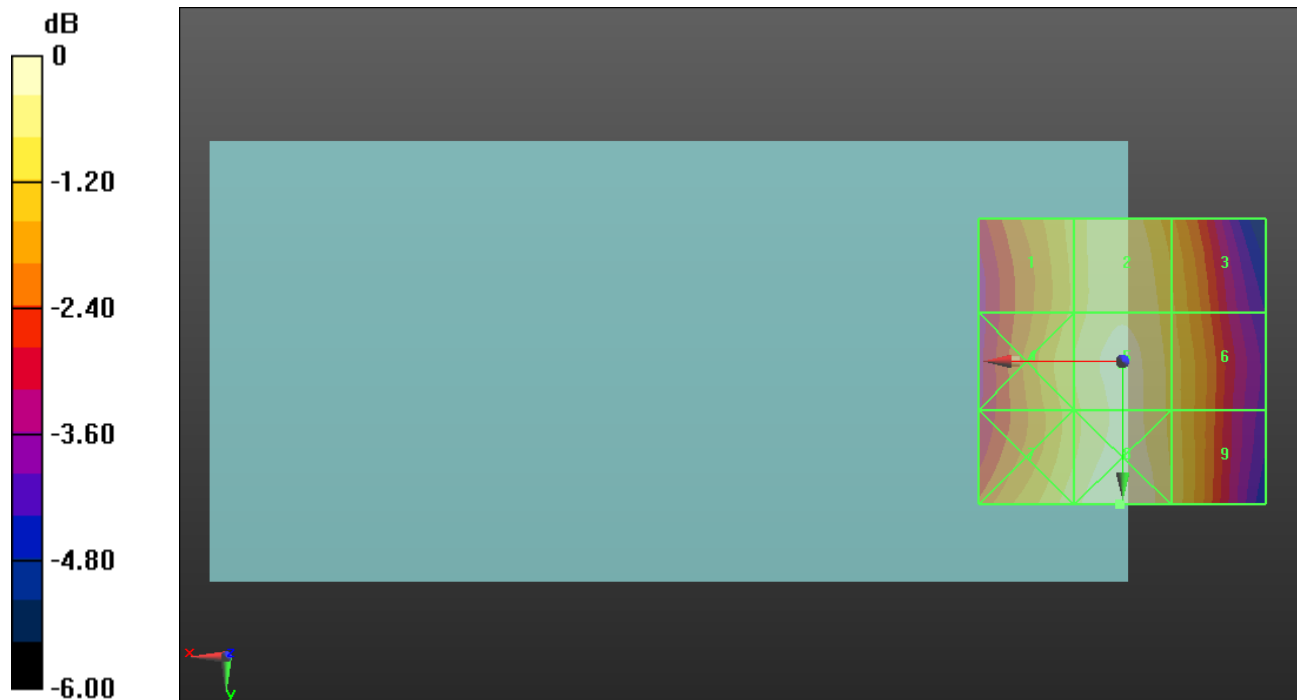
Applied MIF = 3.63 dB

RF audio interference level = 32.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.4 dBV/m	Grid 2 M4 31.97 dBV/m	Grid 3 M4 31.33 dBV/m
Grid 4 M4 31.66 dBV/m	Grid 5 M4 32.19 dBV/m	Grid 6 M4 31.5 dBV/m
Grid 7 M4 31.9 dBV/m	Grid 8 M4 32.42 dBV/m	Grid 9 M4 31.62 dBV/m



0 dB = 41.79 V/m = 32.42 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 = 37.48 V/m; Power Drift = -0.05 dB

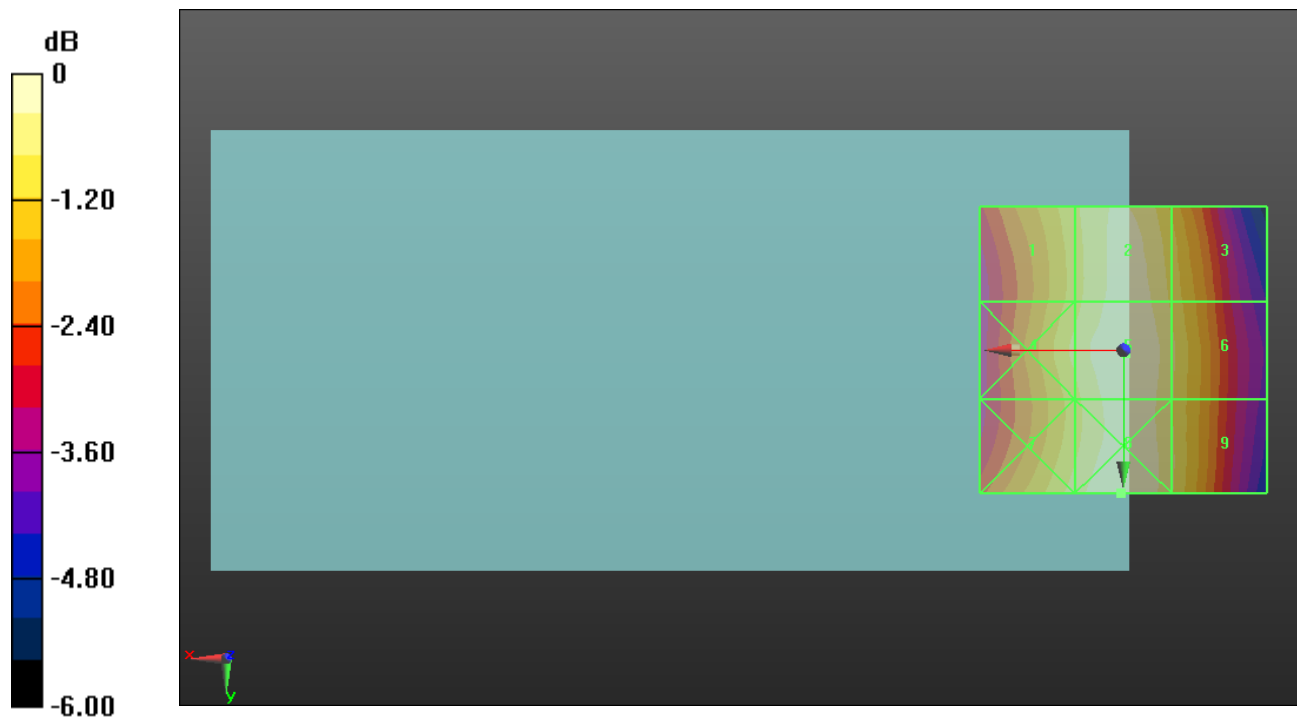
Applied MIF = 3.63 dB

RF audio interference level = 32.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.68 dBV/m	Grid 2 M4 32.34 dBV/m	Grid 3 M4 31.68 dBV/m
Grid 4 M4 31.88 dBV/m	Grid 5 M4 32.53 dBV/m	Grid 6 M4 31.86 dBV/m
Grid 7 M4 31.96 dBV/m	Grid 8 M4 32.56 dBV/m	Grid 9 M4 31.84 dBV/m



0 dB = 42.48 V/m = 32.56 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 = 38.47 V/m; Power Drift = -0.00 dB

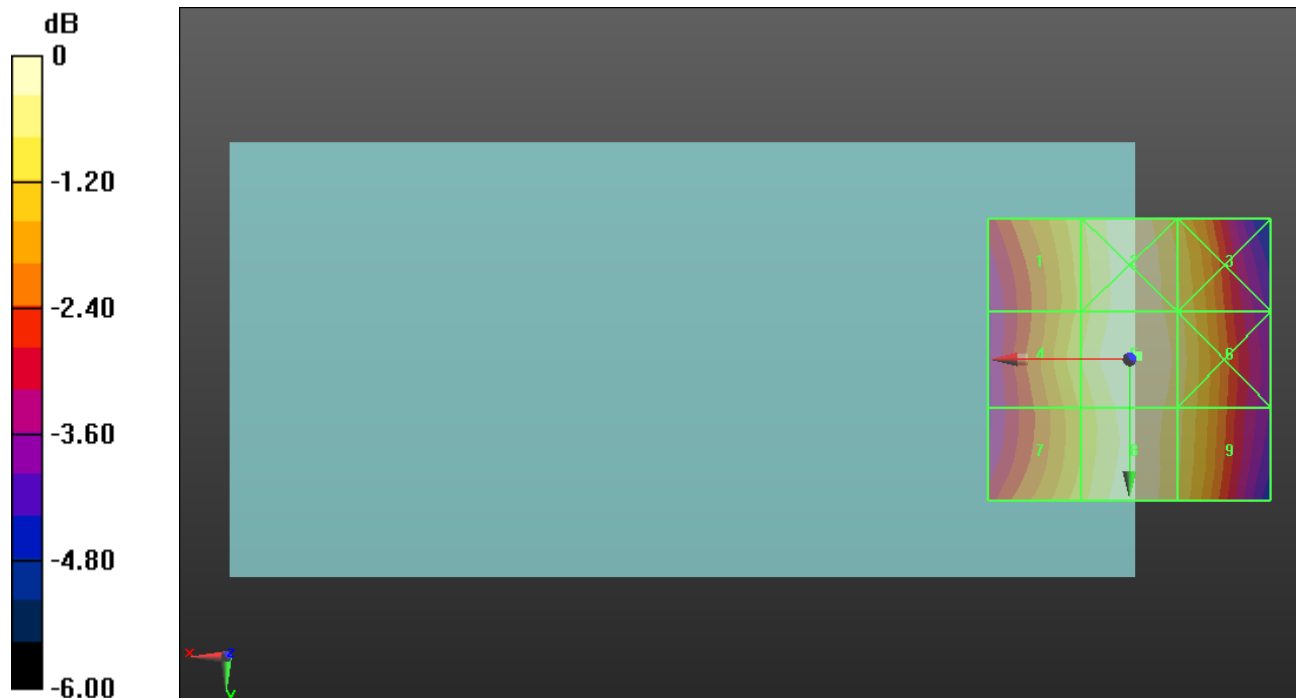
Applied MIF = 3.63 dB

RF audio interference level = 32.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.8 dBV/m	Grid 2 M4 32.49 dBV/m	Grid 3 M4 31.97 dBV/m
Grid 4 M4 31.84 dBV/m	Grid 5 M4 32.65 dBV/m	Grid 6 M4 32.1 dBV/m
Grid 7 M4 31.73 dBV/m	Grid 8 M4 32.47 dBV/m	Grid 9 M4 31.99 dBV/m



0 dB = 42.88 V/m = 32.65 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 = 14.74 V/m; Power Drift = -0.11 dB

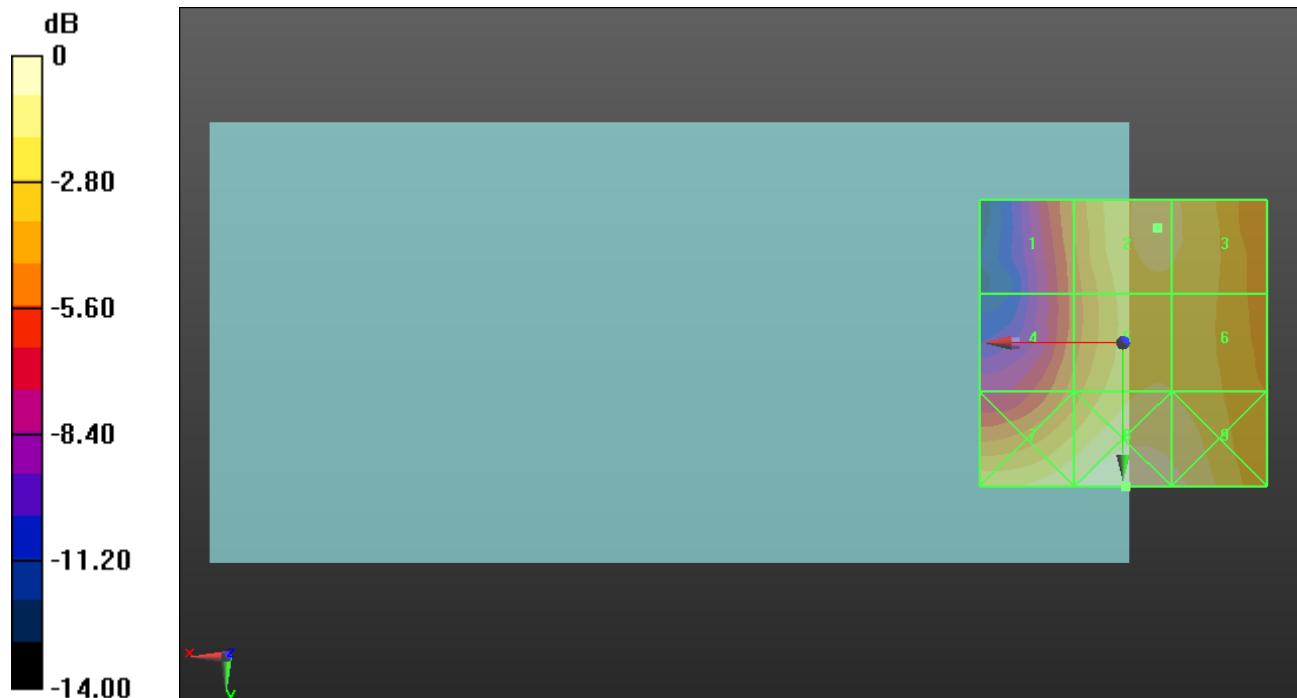
Applied MIF = 3.63 dB

RF audio interference level = 25.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.69 dBV/m	Grid 2 M4 25.56 dBV/m	Grid 3 M4 25.44 dBV/m
Grid 4 M4 22.97 dBV/m	Grid 5 M4 25.38 dBV/m	Grid 6 M4 25.3 dBV/m
Grid 7 M4 26.32 dBV/m	Grid 8 M4 27.15 dBV/m	Grid 9 M4 26.59 dBV/m



0 dB = 22.77 V/m = 27.15 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 = 17.52 V/m; Power Drift = -0.07 dB

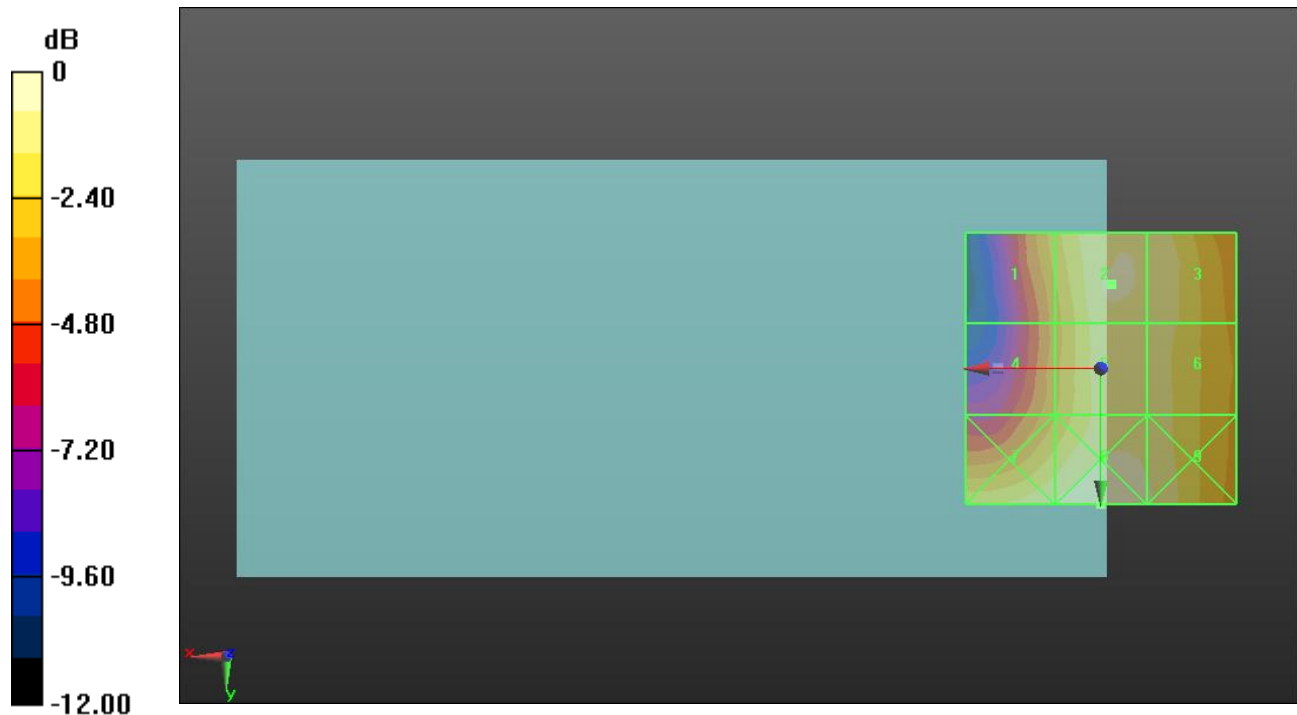
Applied MIF = 3.63 dB

RF audio interference level = 26.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.86 dBV/m	Grid 2 M4 26.89 dBV/m	Grid 3 M4 26.65 dBV/m
Grid 4 M4 24.36 dBV/m	Grid 5 M4 26.66 dBV/m	Grid 6 M4 26.46 dBV/m
Grid 7 M4 26.99 dBV/m	Grid 8 M4 27.59 dBV/m	Grid 9 M4 26.98 dBV/m



0 dB = 23.96 V/m = 27.59 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.32 V/m; Power Drift = -0.03 dB

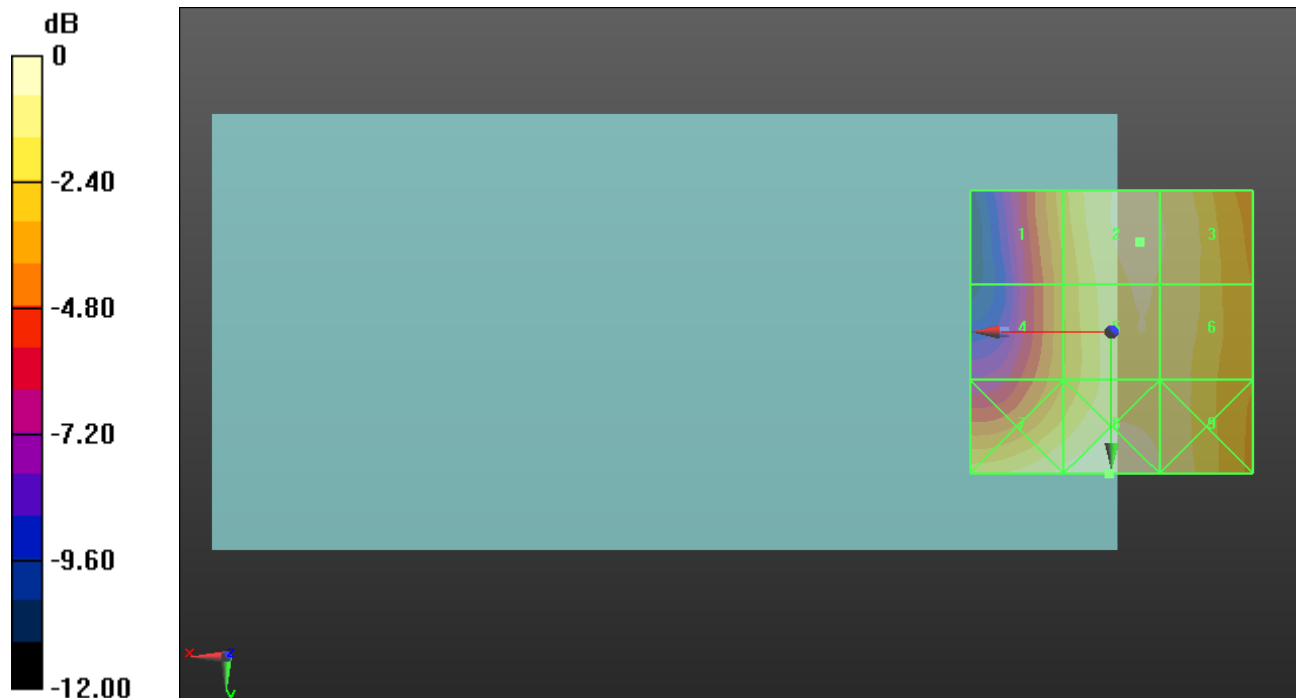
Applied MIF = 3.63 dB

RF audio interference level = 27.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.53 dBV/m	Grid 2 M4 27.7 dBV/m	Grid 3 M4 27.51 dBV/m
Grid 4 M4 25.05 dBV/m	Grid 5 M4 27.5 dBV/m	Grid 6 M4 27.34 dBV/m
Grid 7 M4 27.66 dBV/m	Grid 8 M4 28.21 dBV/m	Grid 9 M4 27.53 dBV/m



0 dB = 25.73 V/m = 28.21 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.25 V/m; Power Drift = 0.13 dB

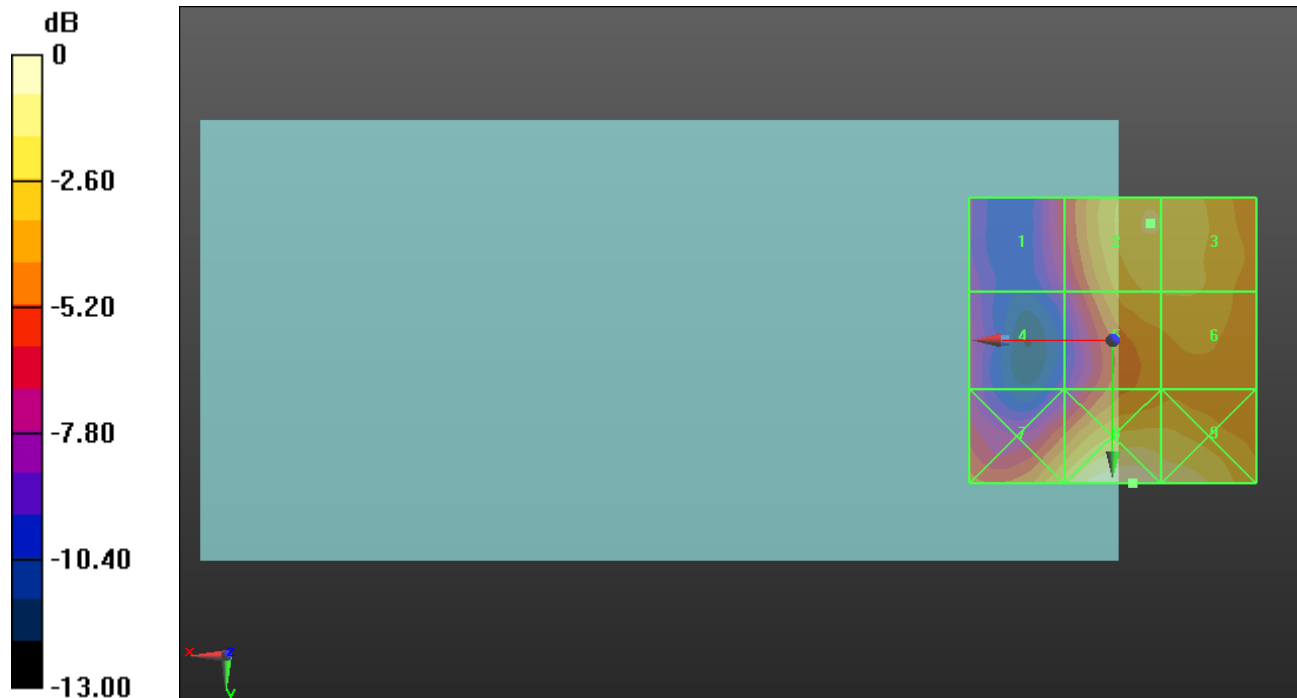
Applied MIF = -1.44 dB

RF audio interference level = 20.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.28 dBV/m	Grid 2 M4 20.86 dBV/m	Grid 3 M4 20.76 dBV/m
Grid 4 M4 15.29 dBV/m	Grid 5 M4 19.98 dBV/m	Grid 6 M4 20.01 dBV/m
Grid 7 M4 20.4 dBV/m	Grid 8 M4 22.5 dBV/m	Grid 9 M4 21.98 dBV/m



0 dB = 13.34 V/m = 22.50 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.29 V/m; Power Drift = 0.00 dB

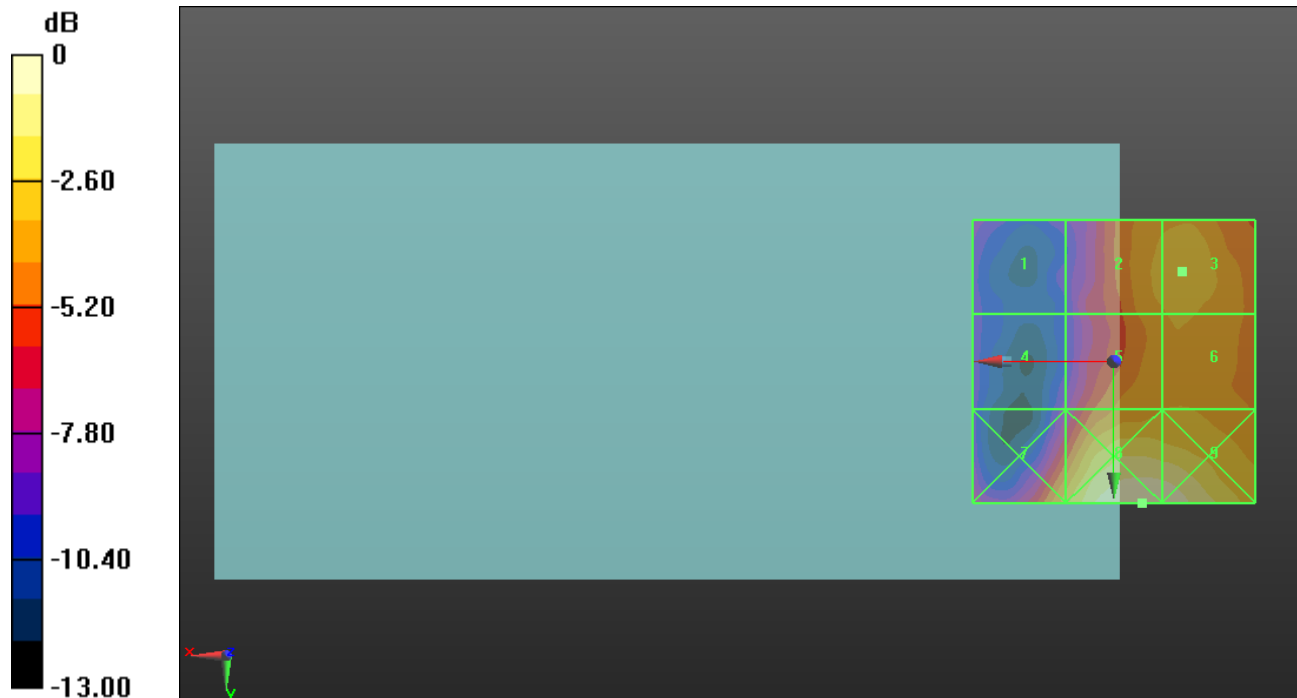
Applied MIF = -1.44 dB

RF audio interference level = 19.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.31 dBV/m	Grid 2 M4 19.14 dBV/m	Grid 3 M4 19.39 dBV/m
Grid 4 M4 14.29 dBV/m	Grid 5 M4 18.8 dBV/m	Grid 6 M4 18.93 dBV/m
Grid 7 M4 19.4 dBV/m	Grid 8 M4 22.26 dBV/m	Grid 9 M4 22.2 dBV/m



0 dB = 12.98 V/m = 22.27 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 = 7.942 V/m; Power Drift = -0.10 dB

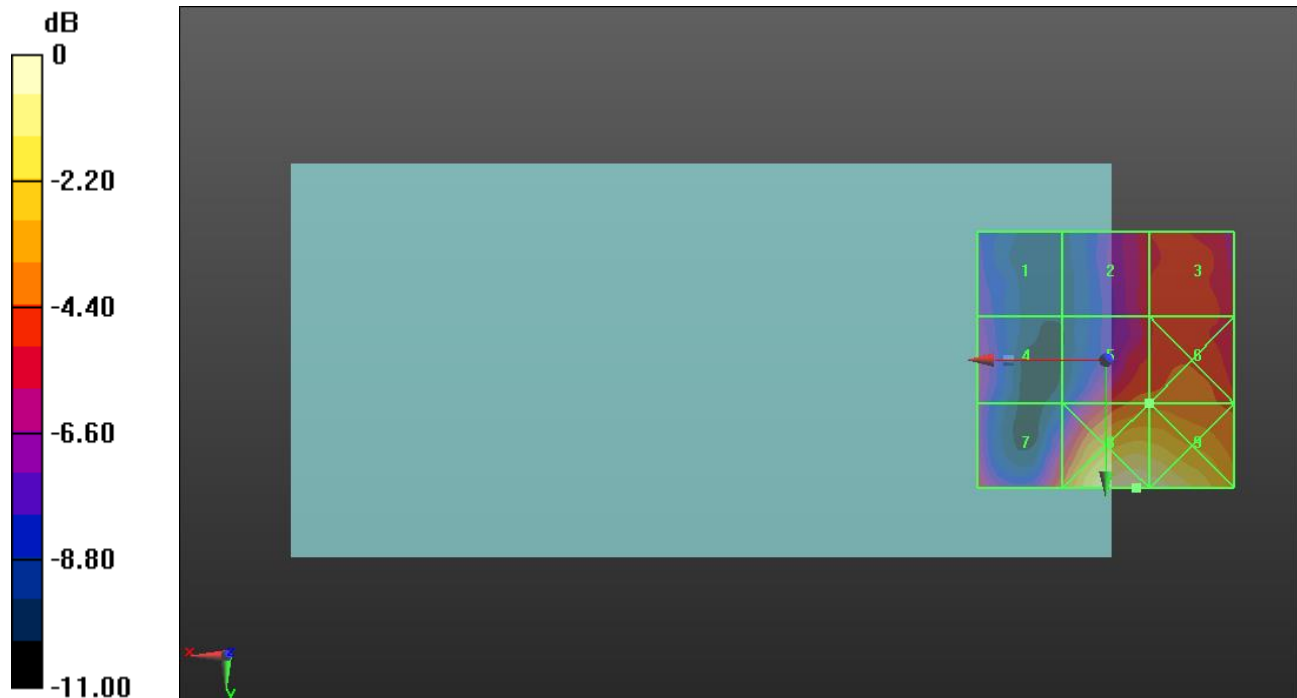
Applied MIF = -1.44 dB

RF audio interference level = 17.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.71 dBV/m	Grid 2 M4 16.59 dBV/m	Grid 3 M4 17.27 dBV/m
Grid 4 M4 15.43 dBV/m	Grid 5 M4 17.72 dBV/m	Grid 6 M4 17.81 dBV/m
Grid 7 M4 17.53 dBV/m	Grid 8 M4 21.68 dBV/m	Grid 9 M4 21.49 dBV/m



0 dB = 12.14 V/m = 21.68 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.599 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15 dBV/m	Grid 2 M4 17.5 dBV/m	Grid 3 M4 17.8 dBV/m
Grid 4 M4 15.52 dBV/m	Grid 5 M4 17.38 dBV/m	Grid 6 M4 17.59 dBV/m
Grid 7 M4 16.63 dBV/m	Grid 8 M4 19.89 dBV/m	Grid 9 M4 19.63 dBV/m



0 dB = 9.870 V/m = 19.89 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 = 7.762 V/m; Power Drift = -0.10 dB

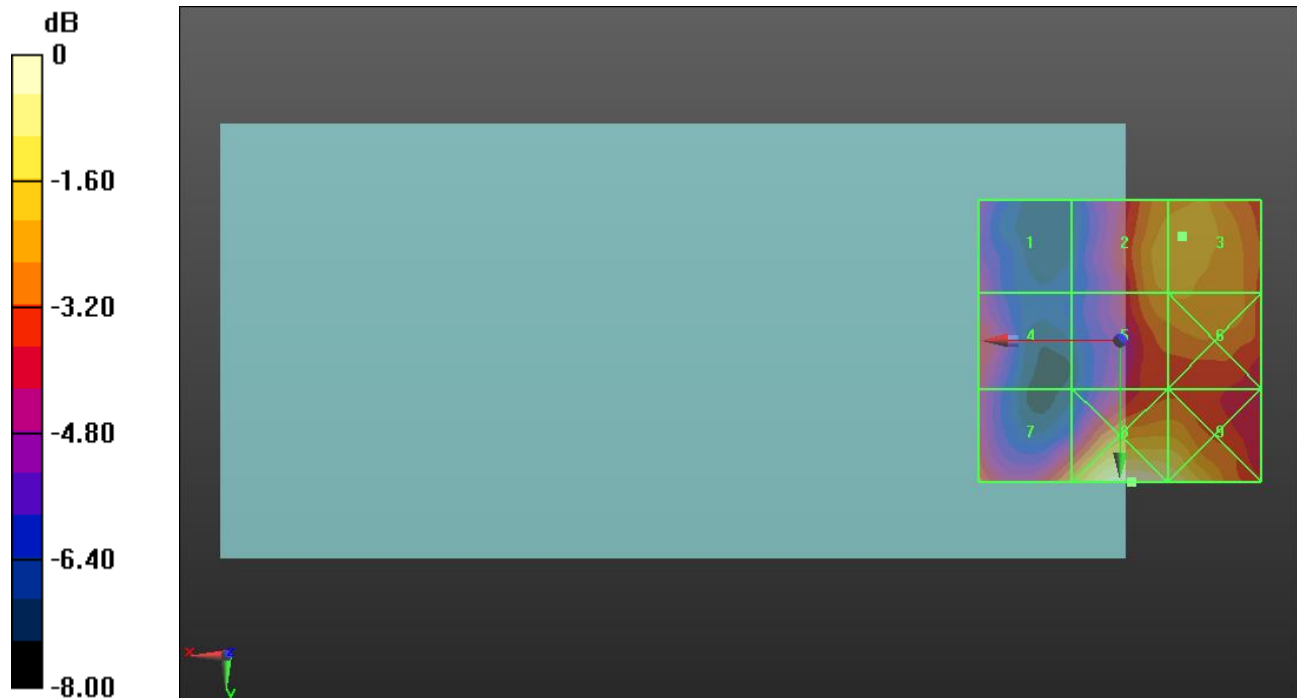
Applied MIF = -1.44 dB

RF audio interference level = 17.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.04 dBV/m	Grid 2 M4 17.39 dBV/m	Grid 3 M4 17.52 dBV/m
Grid 4 M4 15.55 dBV/m	Grid 5 M4 17.12 dBV/m	Grid 6 M4 17.21 dBV/m
Grid 7 M4 16.87 dBV/m	Grid 8 M4 19.22 dBV/m	Grid 9 M4 18.75 dBV/m



0 dB = 9.140 V/m = 19.22 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 = 15.68 V/m; Power Drift = 0.11 dB

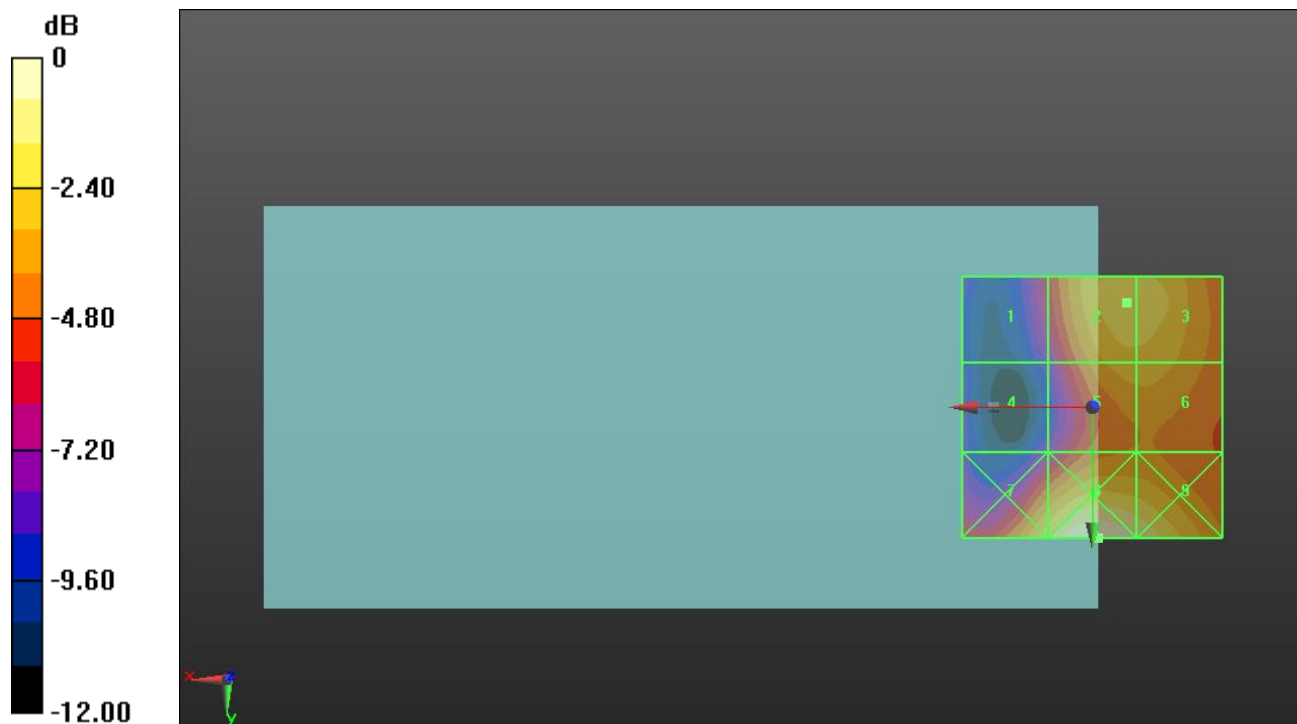
Applied MIF = -1.44 dB

RF audio interference level = 23.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.55 dBV/m	Grid 2 M4 23.44 dBV/m	Grid 3 M4 23.35 dBV/m
Grid 4 M4 17.88 dBV/m	Grid 5 M4 22.71 dBV/m	Grid 6 M4 22.71 dBV/m
Grid 7 M4 23.72 dBV/m	Grid 8 M4 25.4 dBV/m	Grid 9 M4 24.69 dBV/m



0 dB = 18.62 V/m = 25.40 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.30 V/m; Power Drift = 0.09 dB

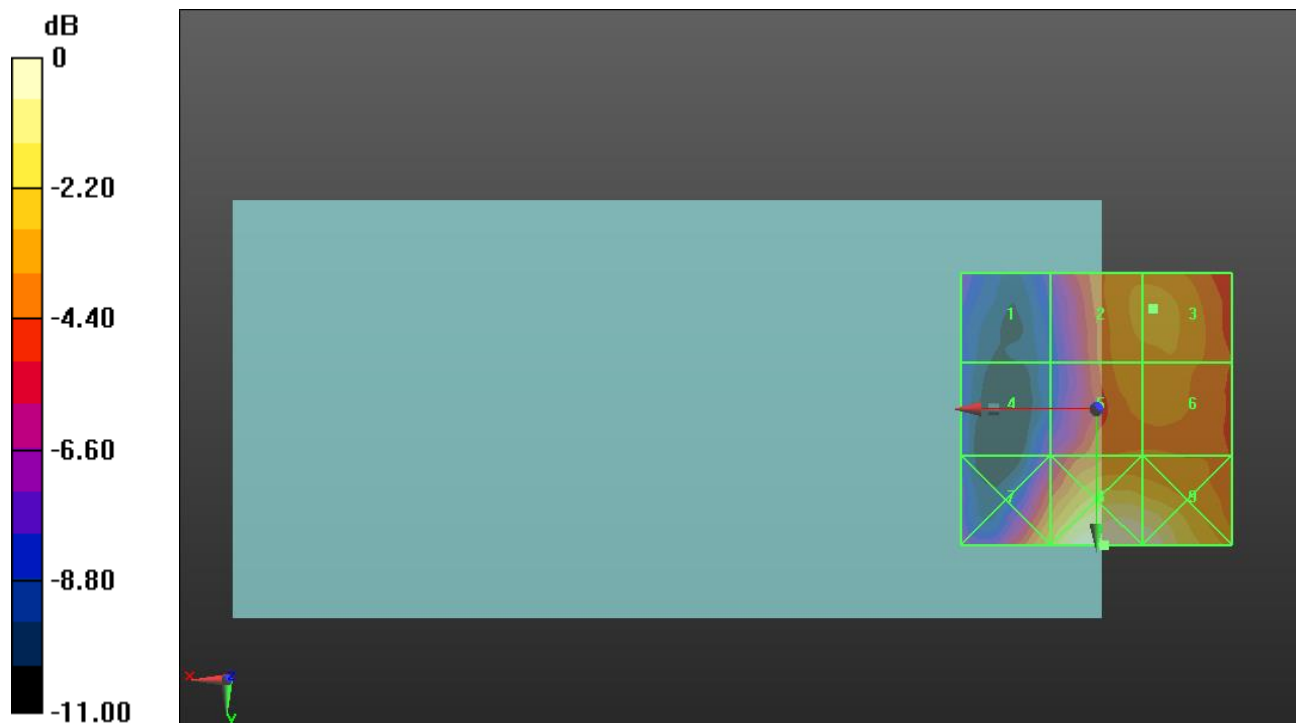
Applied MIF = -1.44 dB

RF audio interference level = 22.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.81 dBV/m	Grid 2 M4 22.13 dBV/m	Grid 3 M4 22.19 dBV/m
Grid 4 M4 17.95 dBV/m	Grid 5 M4 21.68 dBV/m	Grid 6 M4 21.8 dBV/m
Grid 7 M4 22.58 dBV/m	Grid 8 M4 24.82 dBV/m	Grid 9 M4 24.76 dBV/m



0 dB = 17.42 V/m = 24.82 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.66 V/m; Power Drift = -0.05 dB

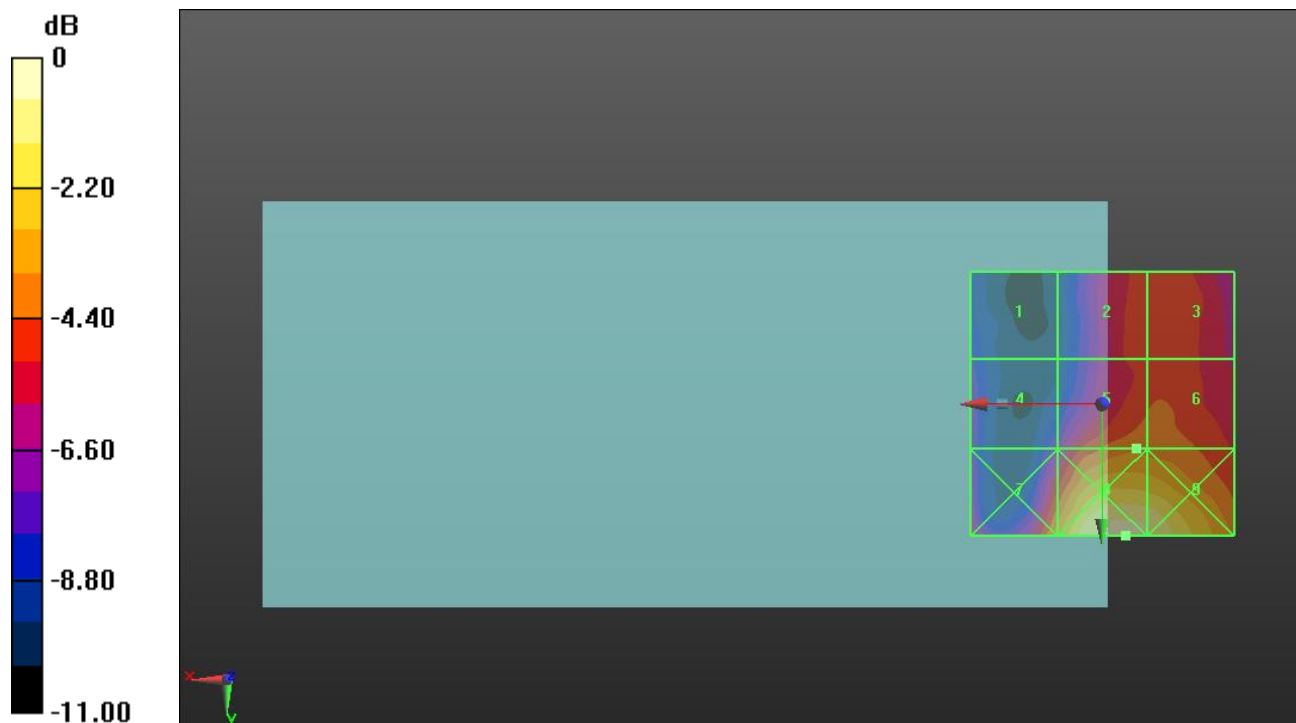
Applied MIF = -1.44 dB

RF audio interference level = 21.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17 dBV/m	Grid 2 M4 20.15 dBV/m	Grid 3 M4 20.19 dBV/m
Grid 4 M4 17.8 dBV/m	Grid 5 M4 21 dBV/m	Grid 6 M4 20.94 dBV/m
Grid 7 M4 21.6 dBV/m	Grid 8 M4 24.77 dBV/m	Grid 9 M4 24.26 dBV/m



0 dB = 17.31 V/m = 24.77 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 = 12.67 V/m; Power Drift = -0.07 dB

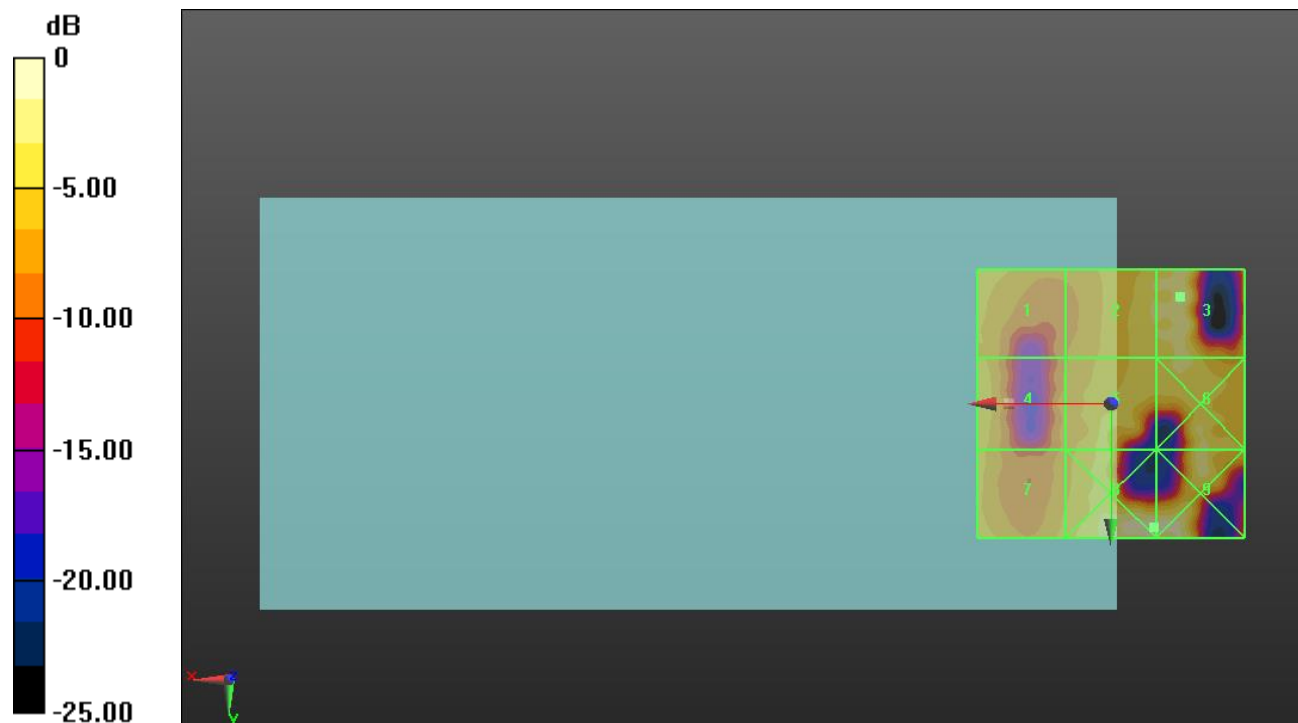
Applied MIF = -1.44 dB

RF audio interference level = 23.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.18 dBV/m	Grid 2 M4 21.73 dBV/m	Grid 3 M4 23.03 dBV/m
Grid 4 M4 18.52 dBV/m	Grid 5 M4 20.54 dBV/m	Grid 6 M4 21.82 dBV/m
Grid 7 M4 19.57 dBV/m	Grid 8 M4 24.44 dBV/m	Grid 9 M4 24.39 dBV/m



0 dB = 16.68 V/m = 24.44 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 = 10.68 V/m; Power Drift = -0.11 dB

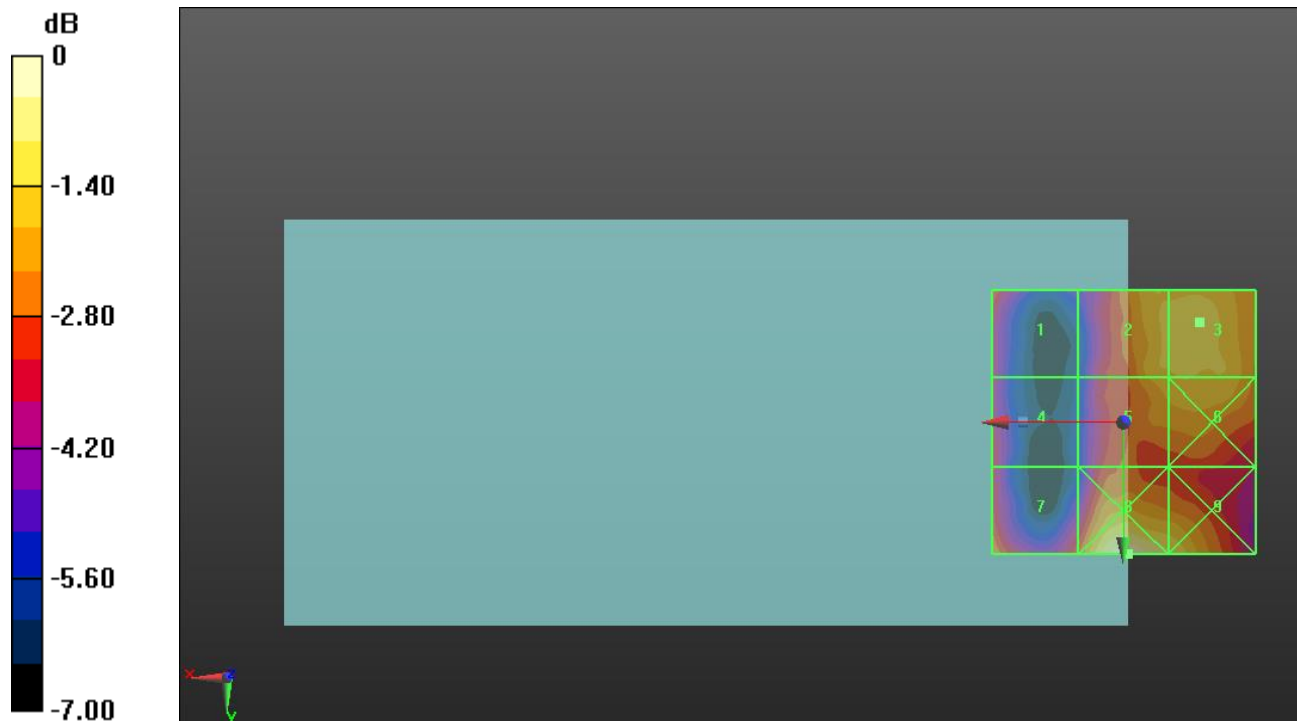
Applied MIF = -1.44 dB

RF audio interference level = 20.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.48 dBV/m	Grid 2 M4 19.85 dBV/m	Grid 3 M4 20.05 dBV/m
Grid 4 M4 17.94 dBV/m	Grid 5 M4 19.55 dBV/m	Grid 6 M4 19.66 dBV/m
Grid 7 M4 19.08 dBV/m	Grid 8 M4 21.04 dBV/m	Grid 9 M4 20.31 dBV/m



0 dB = 11.27 V/m = 21.04 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 = 5.533 V/m; Power Drift = 0.01 dB

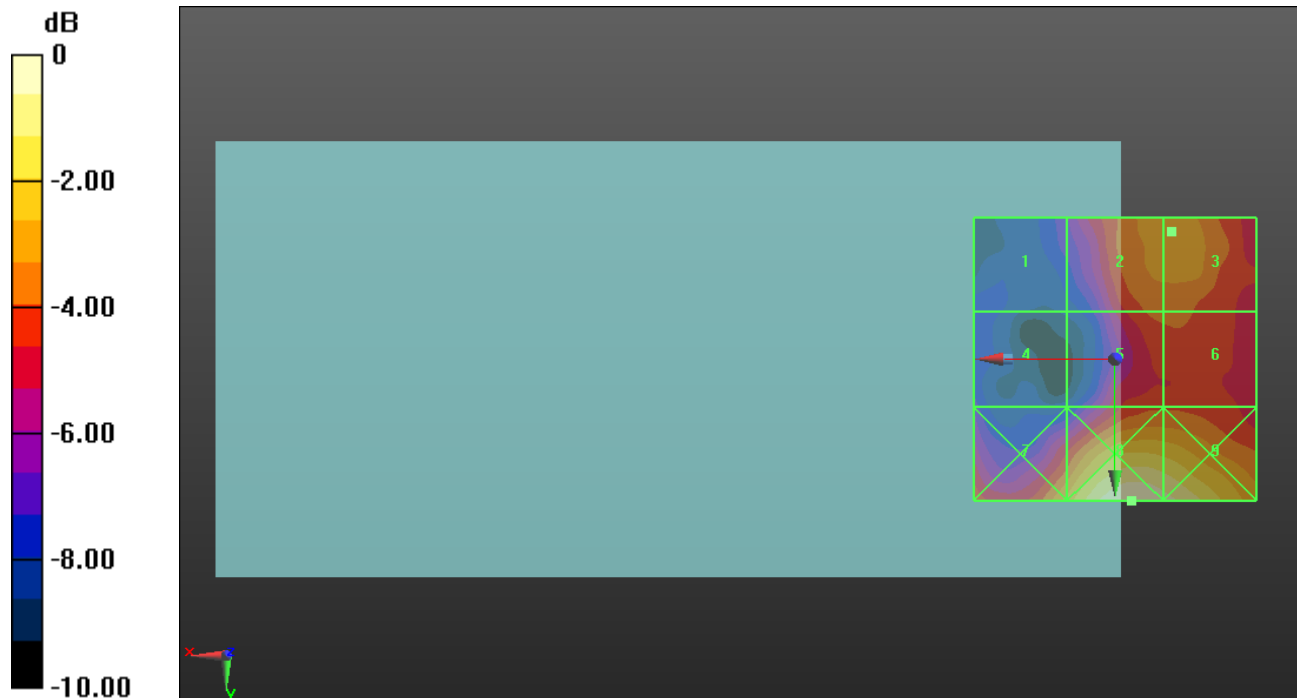
Applied MIF = -1.44 dB

RF audio interference level = 15.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.72 dBV/m	Grid 2 M4 15.54 dBV/m	Grid 3 M4 15.56 dBV/m
Grid 4 M4 11.69 dBV/m	Grid 5 M4 14.7 dBV/m	Grid 6 M4 14.73 dBV/m
Grid 7 M4 16.06 dBV/m	Grid 8 M4 18.45 dBV/m	Grid 9 M4 18.09 dBV/m



0 dB = 8.363 V/m = 18.45 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 = 115.2 V/m; Power Drift = -0.00 dB

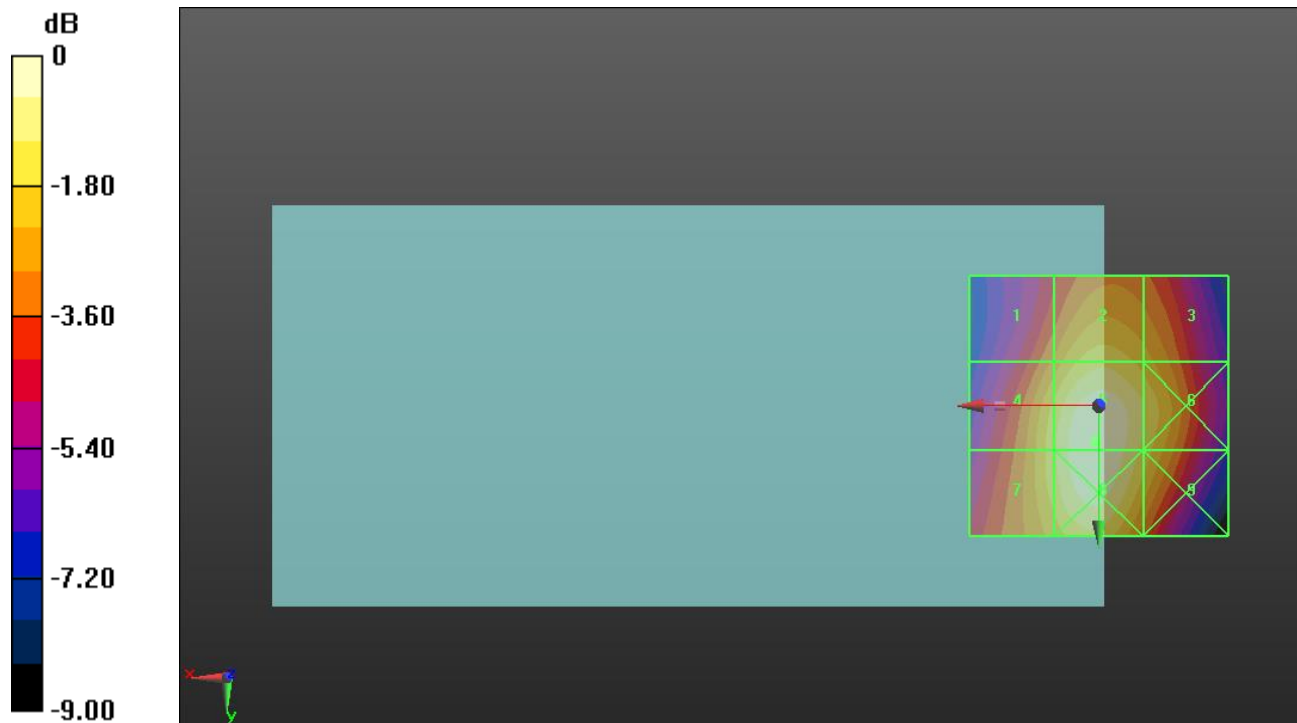
Applied MIF = 3.63 dB

RF audio interference level = 39.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.85 dBV/m	Grid 2 M4 38.28 dBV/m	Grid 3 M4 37.6 dBV/m
Grid 4 M4 38.36 dBV/m	Grid 5 M4 39.65 dBV/m	Grid 6 M4 38.52 dBV/m
Grid 7 M4 38.35 dBV/m	Grid 8 M4 39.63 dBV/m	Grid 9 M4 38.28 dBV/m



0 dB = 96.00 V/m = 39.65 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 = 127.2 V/m; Power Drift = -0.03 dB

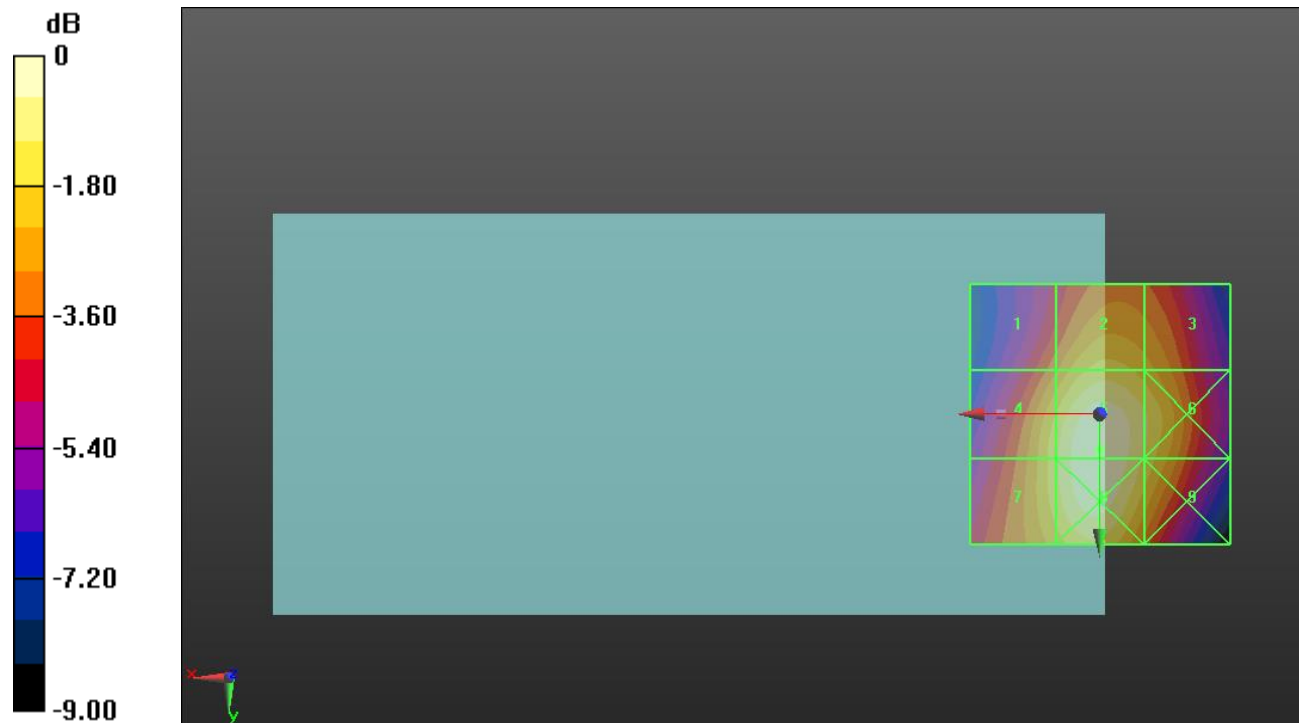
Applied MIF = 3.63 dB

RF audio interference level = 40.55 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.46 dBV/m	Grid 2 M4 39.05 dBV/m	Grid 3 M4 38.49 dBV/m
Grid 4 M4 39.19 dBV/m	Grid 5 M3 40.55 dBV/m	Grid 6 M4 39.52 dBV/m
Grid 7 M4 39.2 dBV/m	Grid 8 M3 40.55 dBV/m	Grid 9 M4 39.28 dBV/m



0 dB = 106.5 V/m = 40.55 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 = 124.5 V/m; Power Drift = 0.03 dB

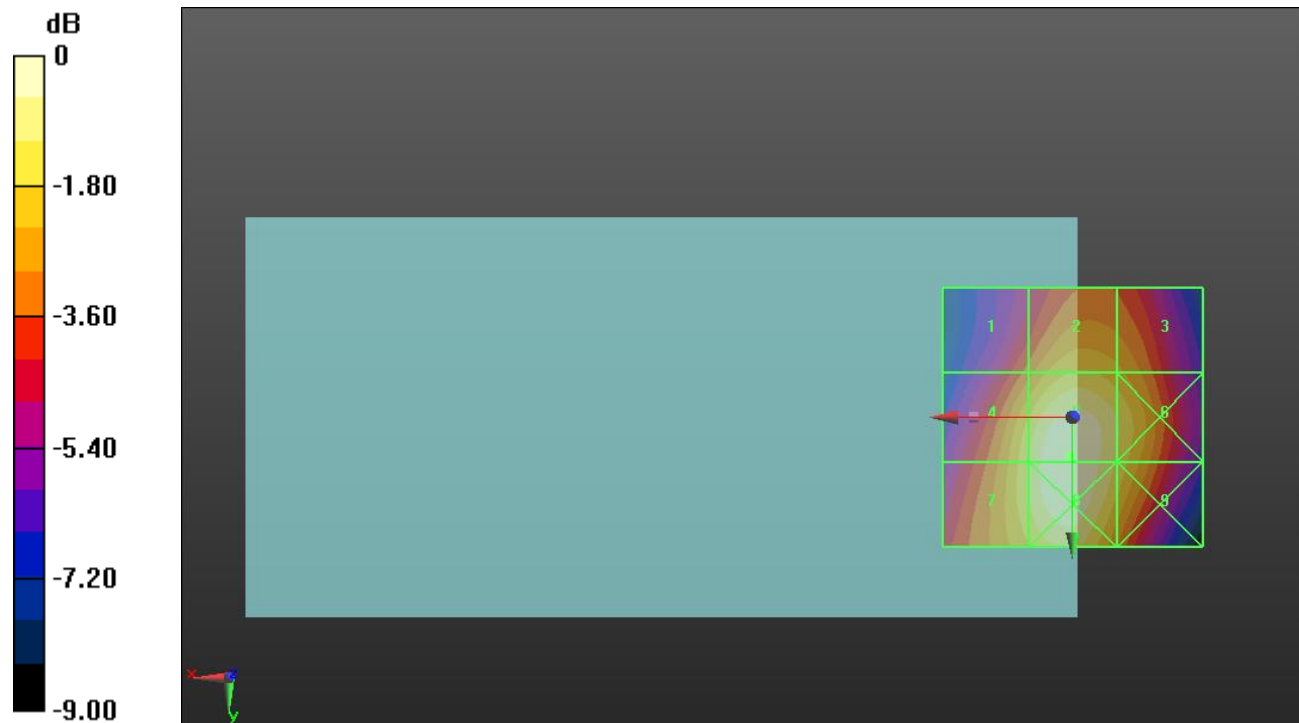
Applied MIF = 3.63 dB

RF audio interference level = 40.51 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.27 dBV/m	Grid 2 M4 38.81 dBV/m	Grid 3 M4 38.34 dBV/m
Grid 4 M4 39.27 dBV/m	Grid 5 M3 40.51 dBV/m	Grid 6 M4 39.4 dBV/m
Grid 7 M4 39.32 dBV/m	Grid 8 M3 40.5 dBV/m	Grid 9 M4 39.23 dBV/m



0 dB = 106.0 V/m = 40.51 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.79 V/m; Power Drift = 0.00 dB

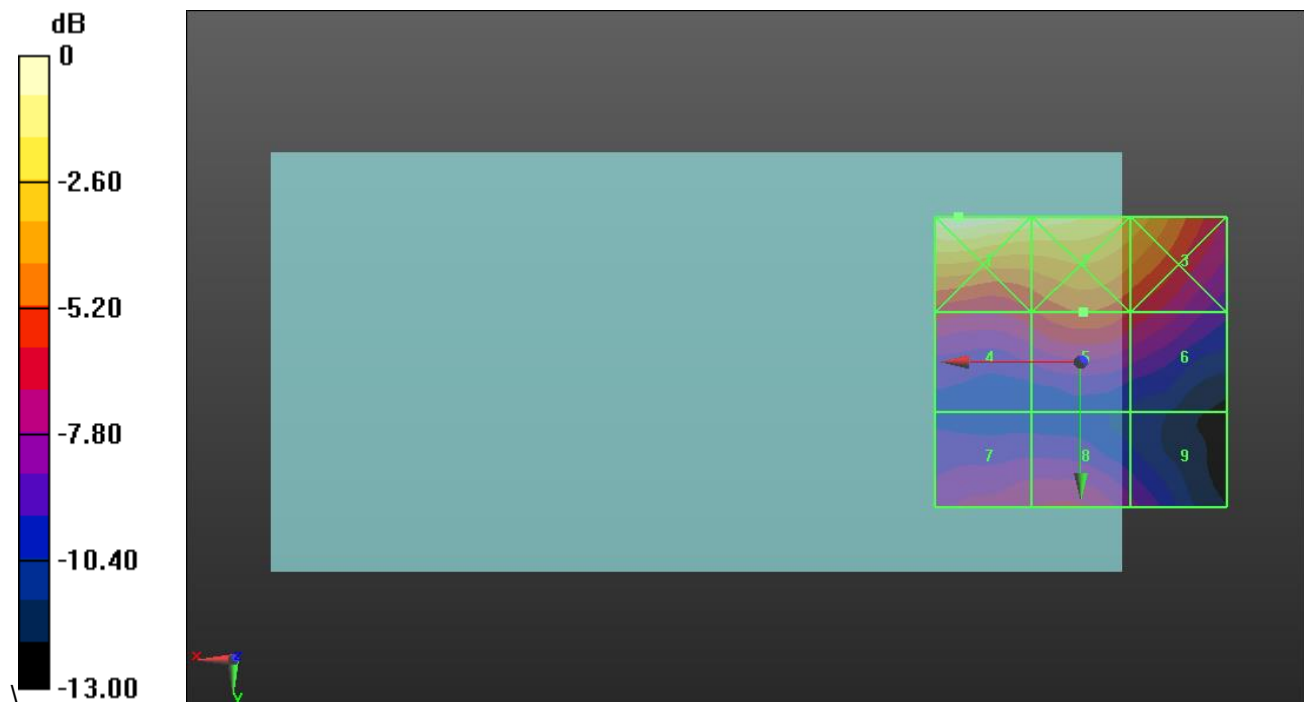
Applied MIF = 3.63 dB

RF audio interference level = 27.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.07 dBV/m	Grid 2 M3 32.16 dBV/m	Grid 3 M3 30.39 dBV/m
Grid 4 M4 26.82 dBV/m	Grid 5 M4 27.85 dBV/m	Grid 6 M4 26.96 dBV/m
Grid 7 M4 26.11 dBV/m	Grid 8 M4 26.37 dBV/m	Grid 9 M4 24.86 dBV/m



0 dB = 45.01 V/m = 33.07 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.44 V/m; Power Drift = 0.05 dB

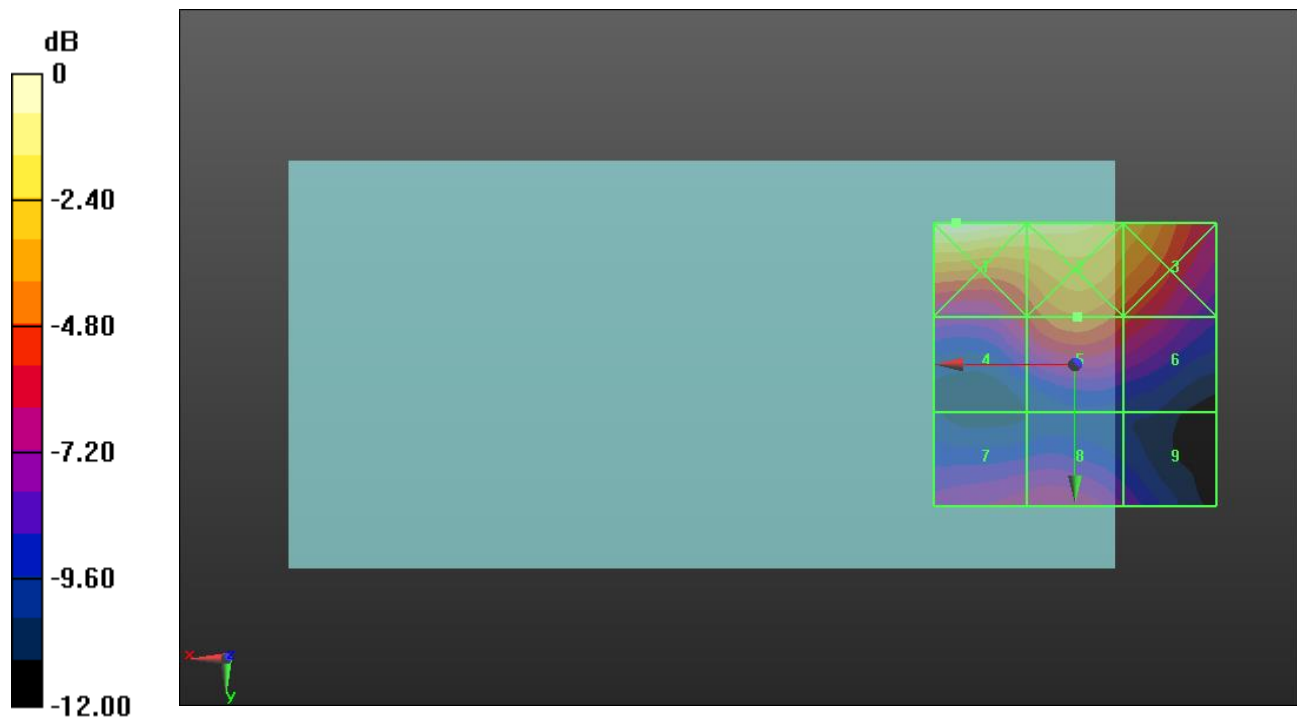
Applied MIF = 3.63 dB

RF audio interference level = 28.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.95 dBV/m	Grid 2 M3 32.15 dBV/m	Grid 3 M3 30.66 dBV/m
Grid 4 M4 27.34 dBV/m	Grid 5 M4 28.86 dBV/m	Grid 6 M4 27.75 dBV/m
Grid 7 M4 26.31 dBV/m	Grid 8 M4 26.57 dBV/m	Grid 9 M4 25.02 dBV/m



0 dB = 44.42 V/m = 32.95 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 = 21.72 V/m; Power Drift = 0.00 dB

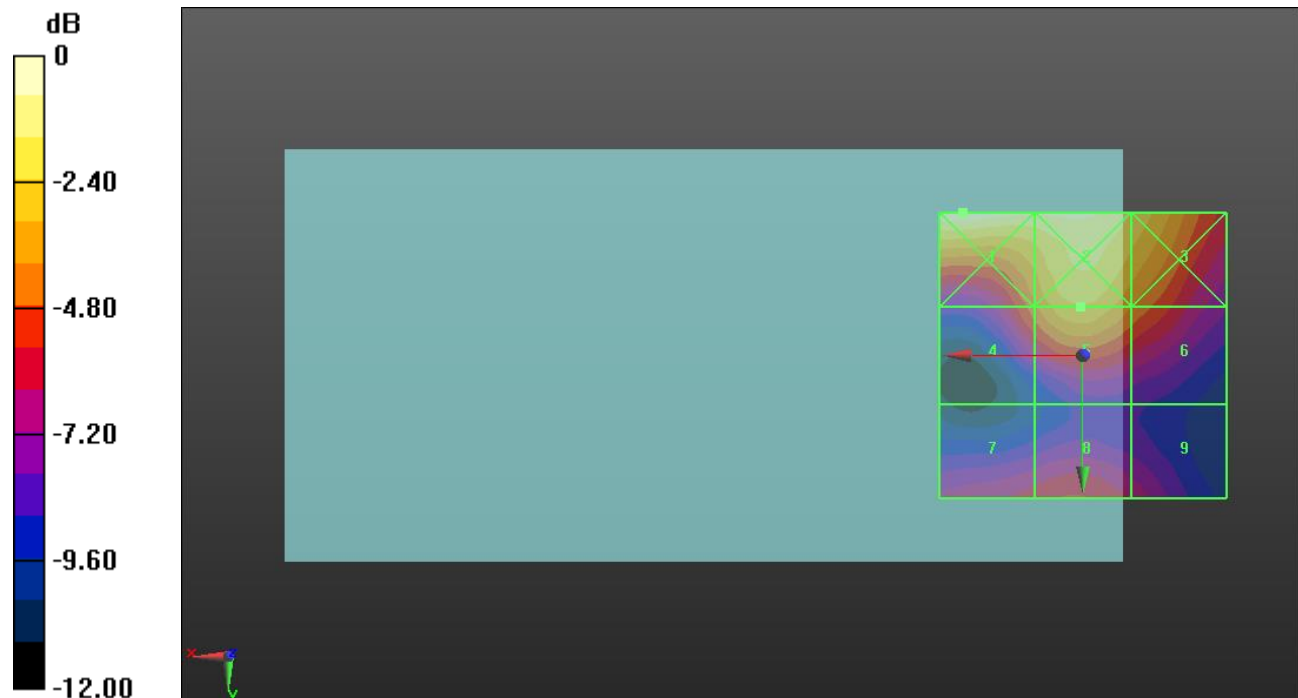
Applied MIF = 3.63 dB

RF audio interference level = 29.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.15 dBV/m	Grid 2 M3 31.58 dBV/m	Grid 3 M3 30.57 dBV/m
Grid 4 M4 27.88 dBV/m	Grid 5 M4 29.66 dBV/m	Grid 6 M4 28.14 dBV/m
Grid 7 M4 26.2 dBV/m	Grid 8 M4 26.7 dBV/m	Grid 9 M4 25.7 dBV/m



0 dB = 40.50 V/m = 32.15 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.52 V/m; Power Drift = -0.01 dB

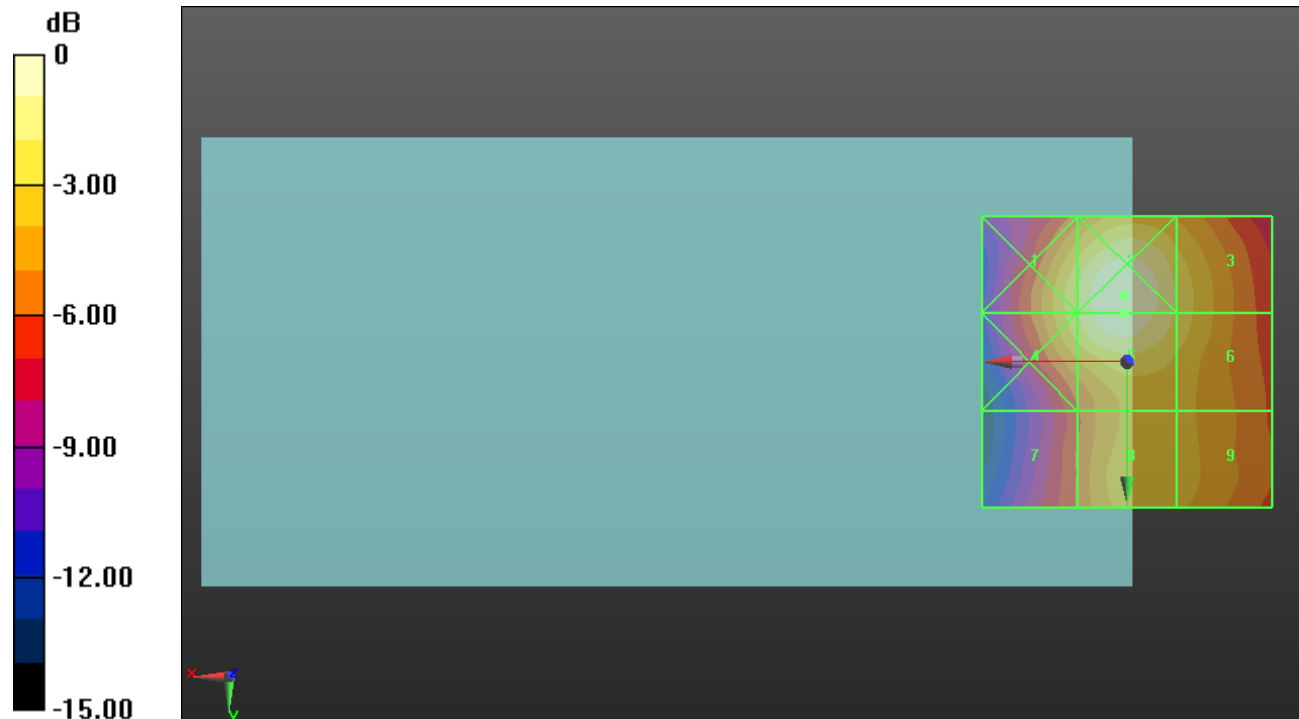
Applied MIF = -1.44 dB

RF audio interference level = 25.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.21 dBV/m	Grid 2 M4 26.11 dBV/m	Grid 3 M4 24.04 dBV/m
Grid 4 M4 24.12 dBV/m	Grid 5 M4 25.96 dBV/m	Grid 6 M4 23.97 dBV/m
Grid 7 M4 20.3 dBV/m	Grid 8 M4 23.04 dBV/m	Grid 9 M4 22.68 dBV/m



0 dB = 20.20 V/m = 26.11 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 = 27.75 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.81 dBV/m	Grid 2 M4 26.52 dBV/m	Grid 3 M4 24.66 dBV/m
Grid 4 M4 24.74 dBV/m	Grid 5 M4 26.44 dBV/m	Grid 6 M4 24.62 dBV/m
Grid 7 M4 20.6 dBV/m	Grid 8 M4 23.35 dBV/m	Grid 9 M4 23.22 dBV/m



0 dB = 21.20 V/m = 26.53 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 = 29.40 V/m; Power Drift = -0.01 dB

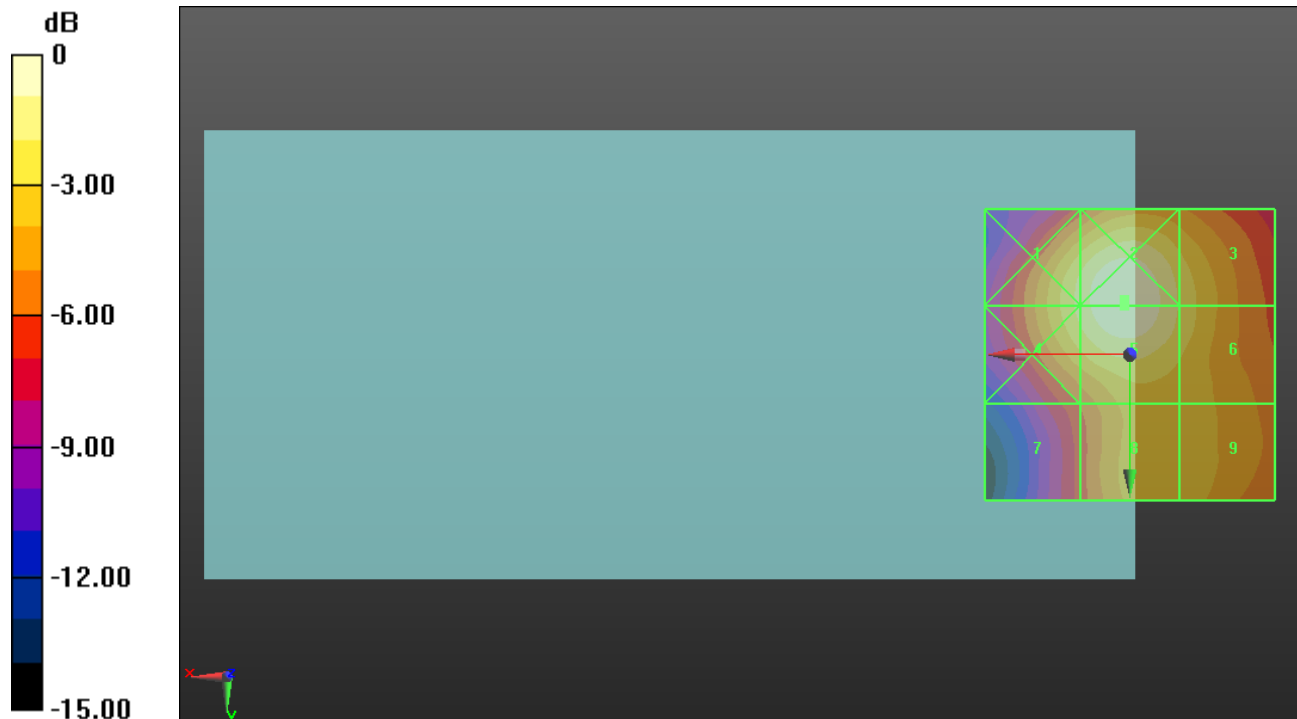
Applied MIF = -1.44 dB

RF audio interference level = 26.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25 dBV/m	Grid 2 M4 26.58 dBV/m	Grid 3 M4 24.49 dBV/m
Grid 4 M4 24.99 dBV/m	Grid 5 M4 26.55 dBV/m	Grid 6 M4 24.49 dBV/m
Grid 7 M4 20.75 dBV/m	Grid 8 M4 23.56 dBV/m	Grid 9 M4 23.44 dBV/m



0 dB = 21.33 V/m = 26.58 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.37 V/m; Power Drift = -0.00 dB

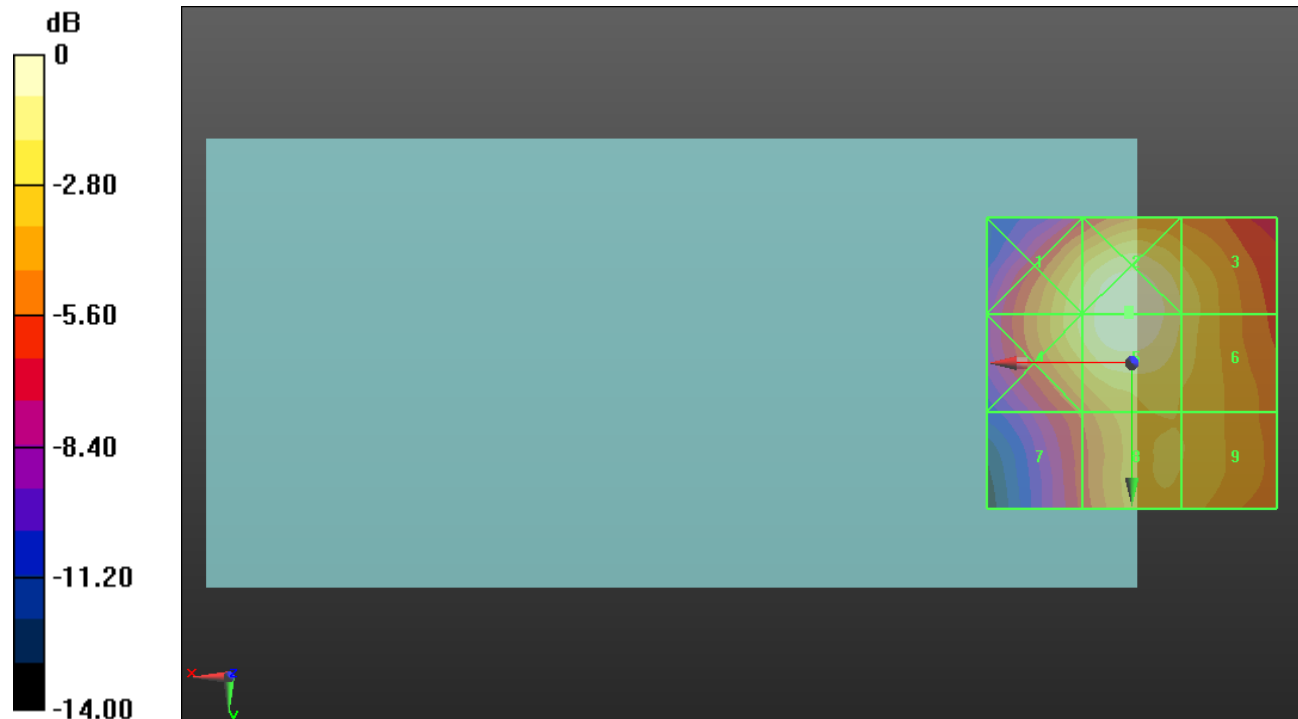
Applied MIF = -1.44 dB

RF audio interference level = 26.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.64 dBV/m	Grid 2 M4 26.21 dBV/m	Grid 3 M4 24.38 dBV/m
Grid 4 M4 24.65 dBV/m	Grid 5 M4 26.21 dBV/m	Grid 6 M4 24.38 dBV/m
Grid 7 M4 20.97 dBV/m	Grid 8 M4 23.55 dBV/m	Grid 9 M4 23.46 dBV/m



0 dB = 20.45 V/m = 26.21 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 = 27.13 V/m; Power Drift = 0.07 dB

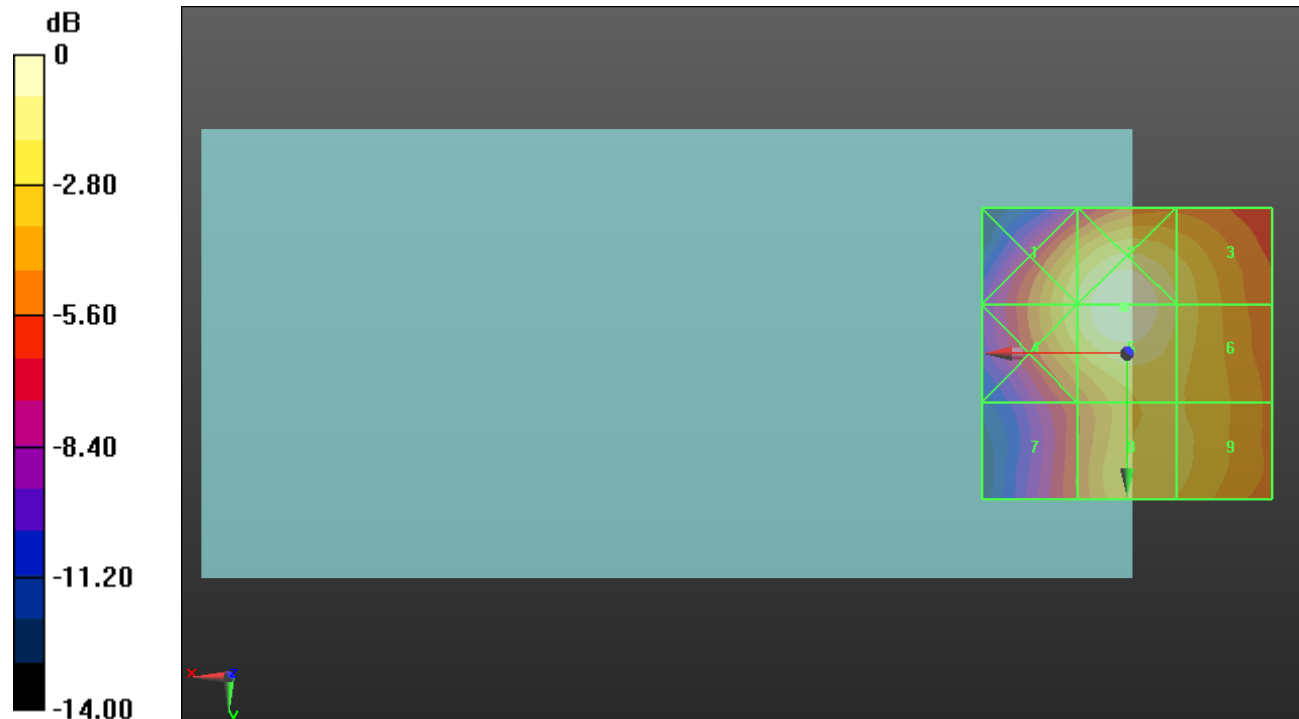
Applied MIF = -1.44 dB

RF audio interference level = 25.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.4 dBV/m	Grid 2 M4 25.13 dBV/m	Grid 3 M4 23.27 dBV/m
Grid 4 M4 23.41 dBV/m	Grid 5 M4 25.13 dBV/m	Grid 6 M4 23.28 dBV/m
Grid 7 M4 19.72 dBV/m	Grid 8 M4 22.75 dBV/m	Grid 9 M4 22.62 dBV/m



0 dB = 18.06 V/m = 25.13 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 = 30.46 V/m; Power Drift = -0.08 dB

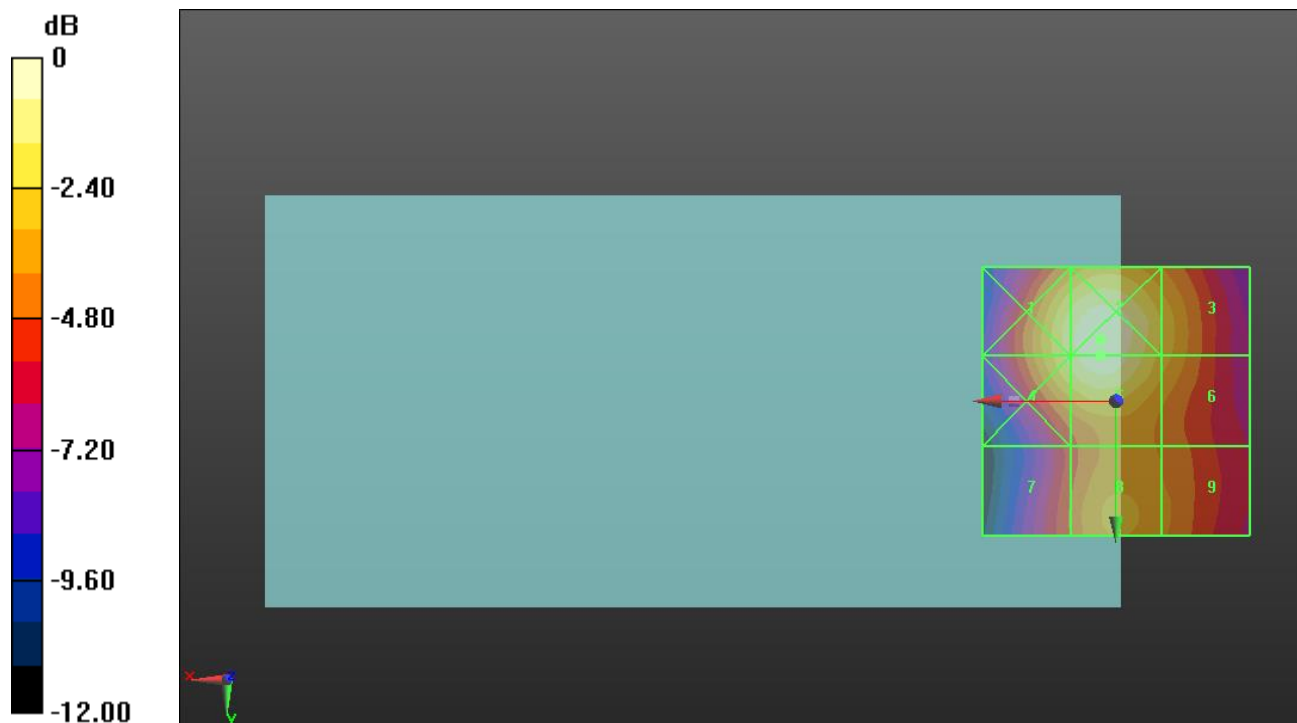
Applied MIF = -1.44 dB

RF audio interference level = 27.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.79 dBV/m	Grid 2 M4 27.82 dBV/m	Grid 3 M4 25.42 dBV/m
Grid 4 M4 26.62 dBV/m	Grid 5 M4 27.64 dBV/m	Grid 6 M4 25.16 dBV/m
Grid 7 M4 23.16 dBV/m	Grid 8 M4 24.88 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 24.59 V/m = 27.82 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 = 31.99 V/m; Power Drift = -0.06 dB

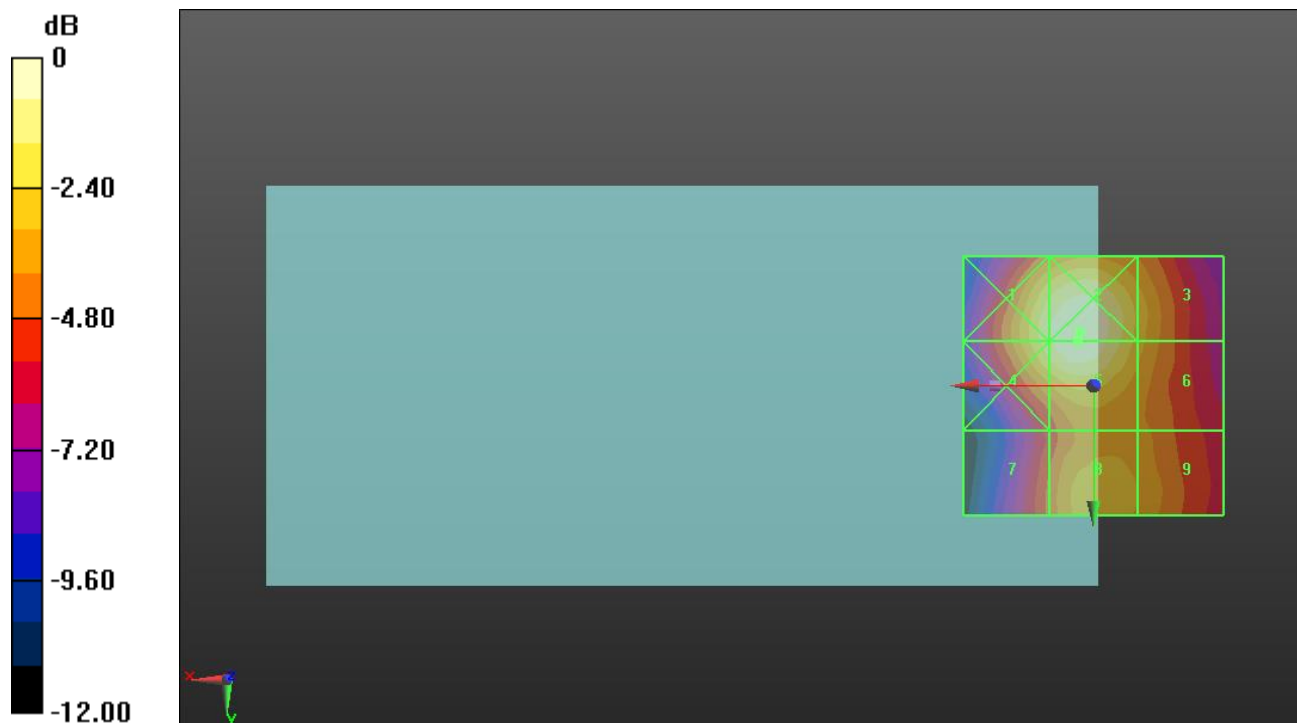
Applied MIF = -1.44 dB

RF audio interference level = 27.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.2 dBV/m	Grid 2 M4 28.02 dBV/m	Grid 3 M4 25.46 dBV/m
Grid 4 M4 27.05 dBV/m	Grid 5 M4 27.92 dBV/m	Grid 6 M4 25.27 dBV/m
Grid 7 M4 23.51 dBV/m	Grid 8 M4 25.44 dBV/m	Grid 9 M4 24.83 dBV/m



0 dB = 25.17 V/m = 28.02 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 = 32.82 V/m; Power Drift = 0.11 dB

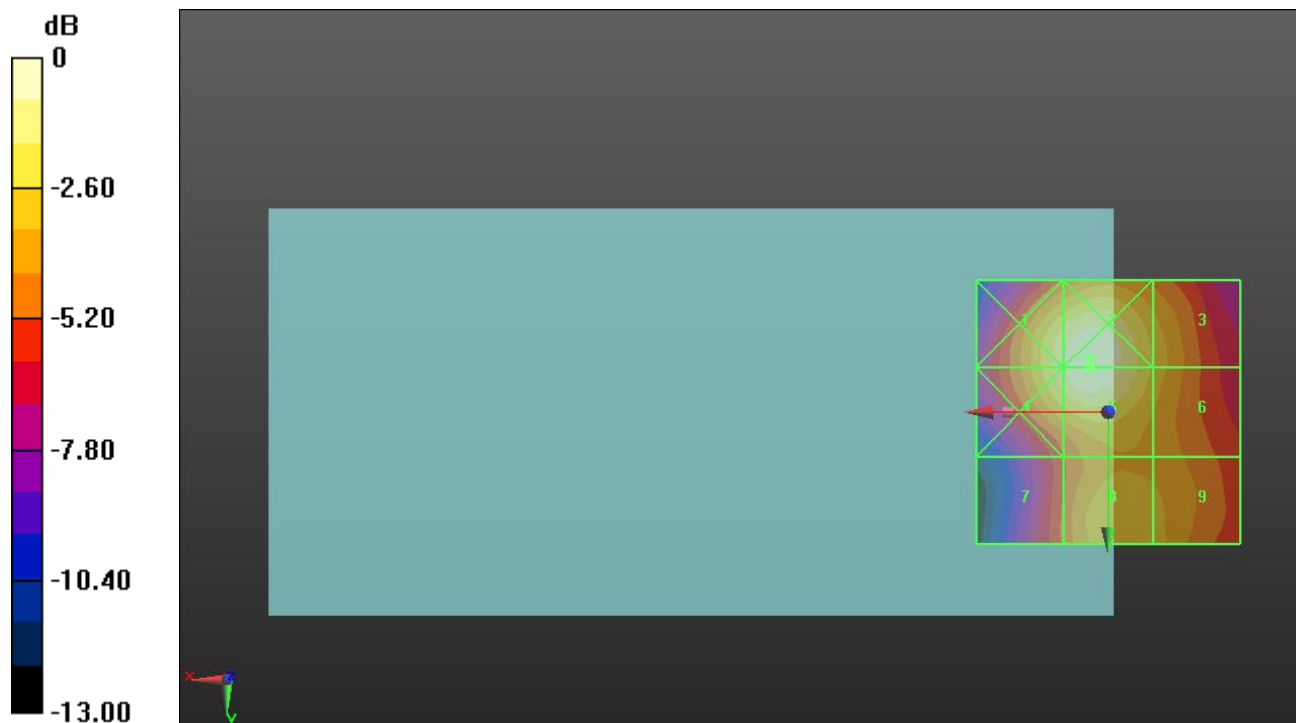
Applied MIF = -1.44 dB

RF audio interference level = 28.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.23 dBV/m	Grid 2 M4 28.19 dBV/m	Grid 3 M4 25.53 dBV/m
Grid 4 M4 27.18 dBV/m	Grid 5 M4 28.13 dBV/m	Grid 6 M4 25.5 dBV/m
Grid 7 M4 23.22 dBV/m	Grid 8 M4 25.48 dBV/m	Grid 9 M4 25.09 dBV/m



0 dB = 25.66 V/m = 28.19 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 = 33.59 V/m; Power Drift = 0.00 dB

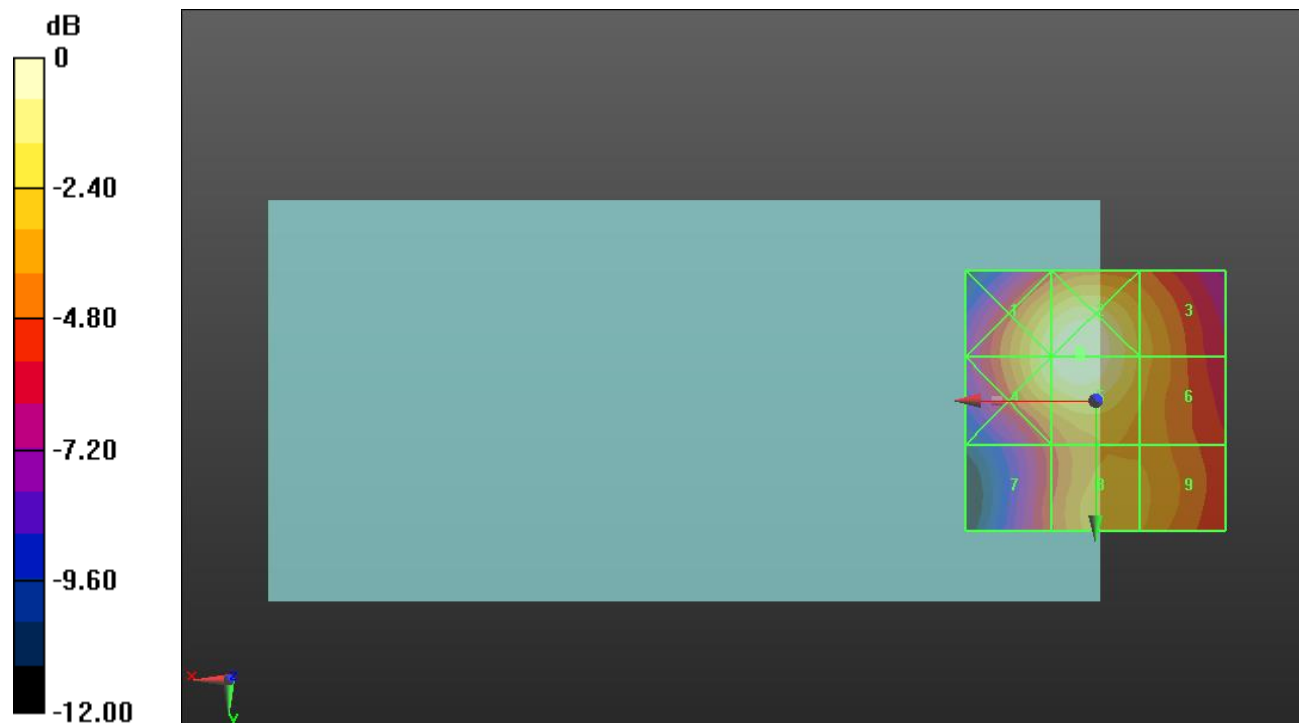
Applied MIF = -1.44 dB

RF audio interference level = 27.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.88 dBV/m	Grid 2 M4 27.74 dBV/m	Grid 3 M4 25.22 dBV/m
Grid 4 M4 26.88 dBV/m	Grid 5 M4 27.73 dBV/m	Grid 6 M4 25.21 dBV/m
Grid 7 M4 22.89 dBV/m	Grid 8 M4 25.28 dBV/m	Grid 9 M4 24.81 dBV/m



0 dB = 24.38 V/m = 27.74 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 = 32.71 V/m; Power Drift = 0.00 dB

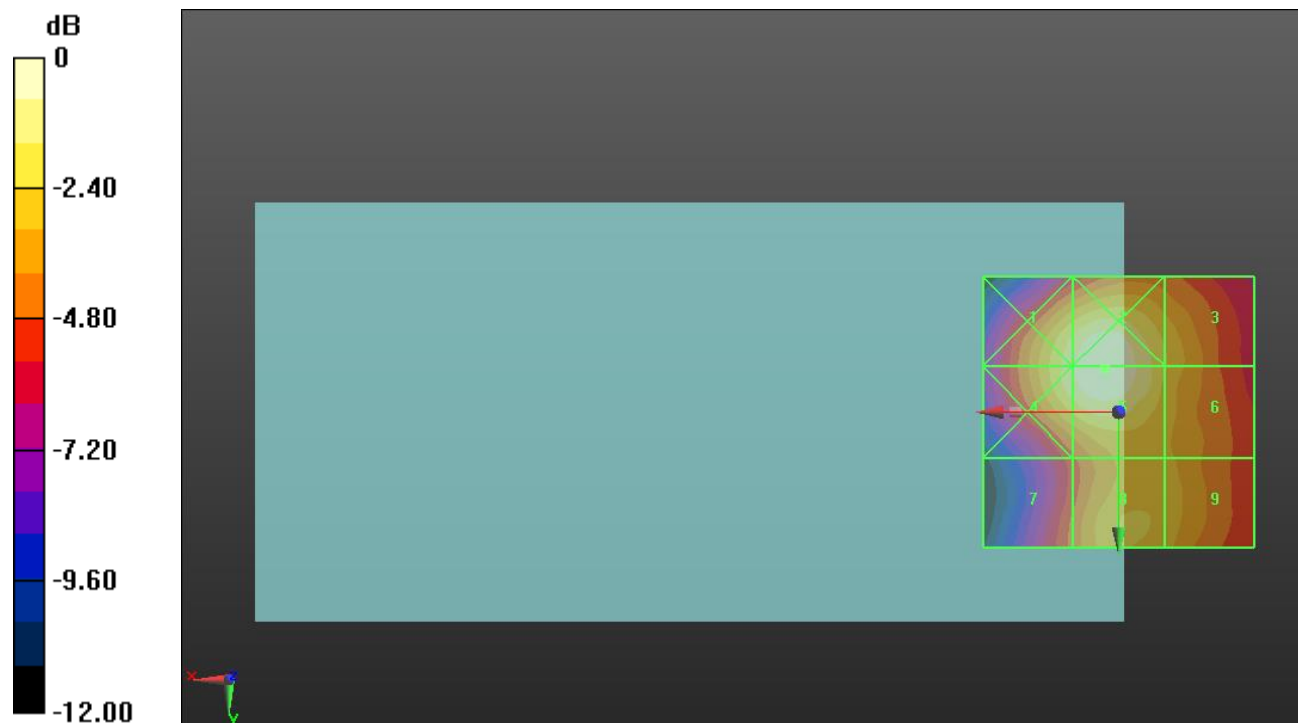
Applied MIF = -1.44 dB

RF audio interference level = 27.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.2 dBV/m	Grid 2 M4 27.11 dBV/m	Grid 3 M4 24.85 dBV/m
Grid 4 M4 26.22 dBV/m	Grid 5 M4 27.12 dBV/m	Grid 6 M4 24.83 dBV/m
Grid 7 M4 22.63 dBV/m	Grid 8 M4 24.87 dBV/m	Grid 9 M4 24.4 dBV/m



0 dB = 22.69 V/m = 27.12 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 = 44.05 V/m; Power Drift = -0.03 dB

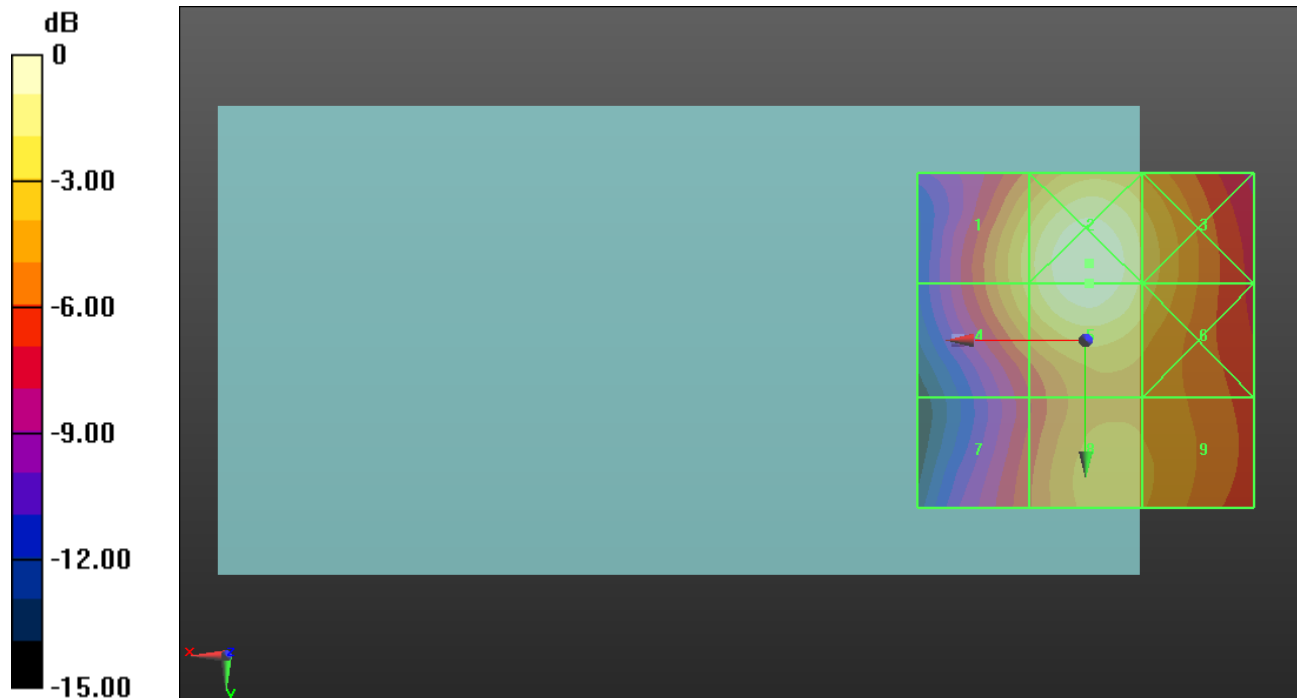
Applied MIF = -1.44 dB

RF audio interference level = 30.60 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.42 dBV/m	Grid 2 M3 30.81 dBV/m	Grid 3 M4 28.76 dBV/m
Grid 4 M4 28.25 dBV/m	Grid 5 M3 30.6 dBV/m	Grid 6 M4 28.58 dBV/m
Grid 7 M4 24.68 dBV/m	Grid 8 M4 27.4 dBV/m	Grid 9 M4 27.04 dBV/m



0 dB = 34.71 V/m = 30.81 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; Taype: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.91 V/m; Power Drift = -0.06 dB

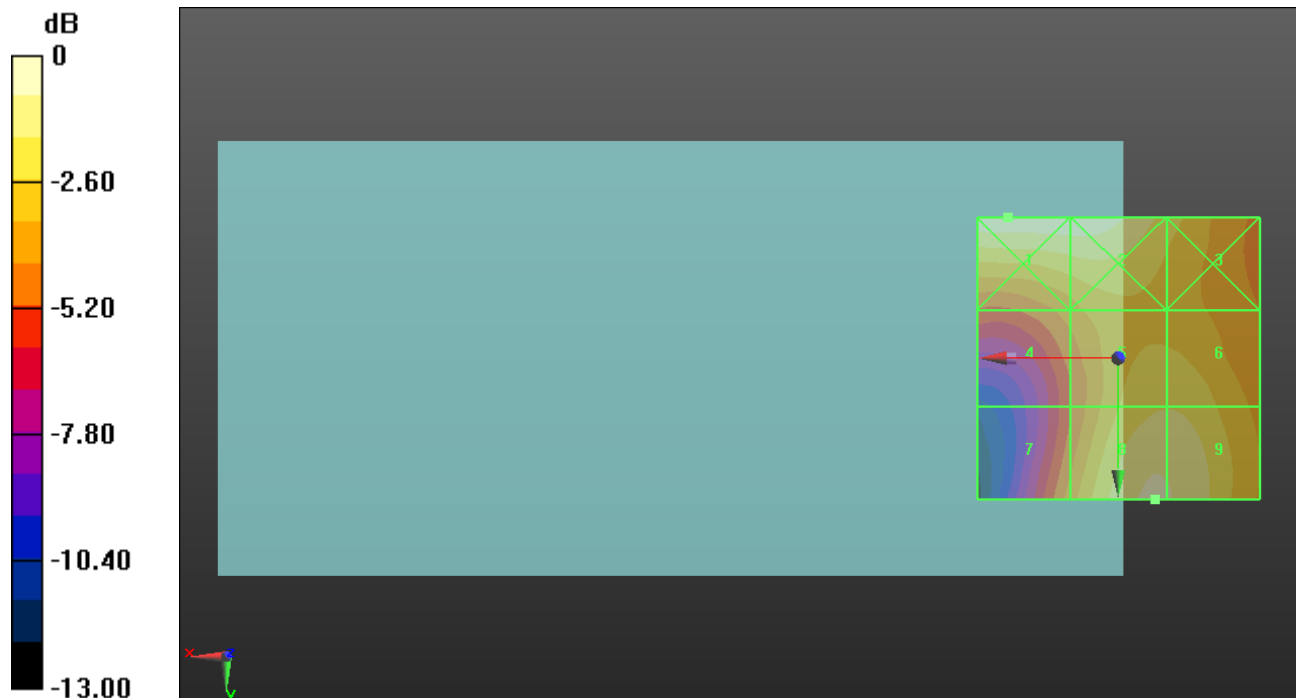
Applied MIF = 3.63 dB

RF audio interference level = 29.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.71 dBV/m	Grid 2 M4 29.62 dBV/m	Grid 3 M4 27.65 dBV/m
Grid 4 M4 25.85 dBV/m	Grid 5 M4 27.93 dBV/m	Grid 6 M4 27.93 dBV/m
Grid 7 M4 25.86 dBV/m	Grid 8 M4 29 dBV/m	Grid 9 M4 28.92 dBV/m



0 dB = 30.59 V/m = 29.71 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.93 V/m; Power Drift = -0.02 dB

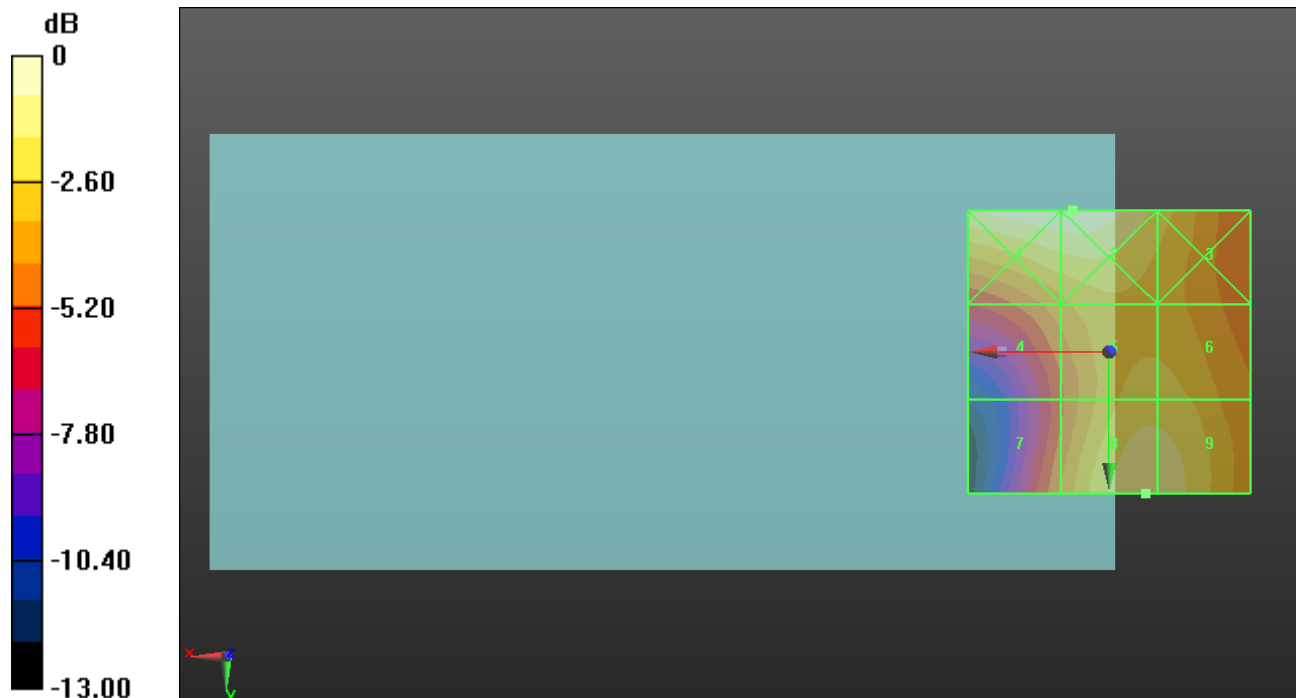
Applied MIF = 3.63 dB

RF audio interference level = 29.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.68 dBV/m	Grid 2 M3 30.72 dBV/m	Grid 3 M4 28.67 dBV/m
Grid 4 M4 26.99 dBV/m	Grid 5 M4 28.64 dBV/m	Grid 6 M4 28.61 dBV/m
Grid 7 M4 26.53 dBV/m	Grid 8 M4 29.64 dBV/m	Grid 9 M4 29.55 dBV/m



0 dB = 34.36 V/m = 30.72 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 = 20.54 V/m; Power Drift = -0.03 dB

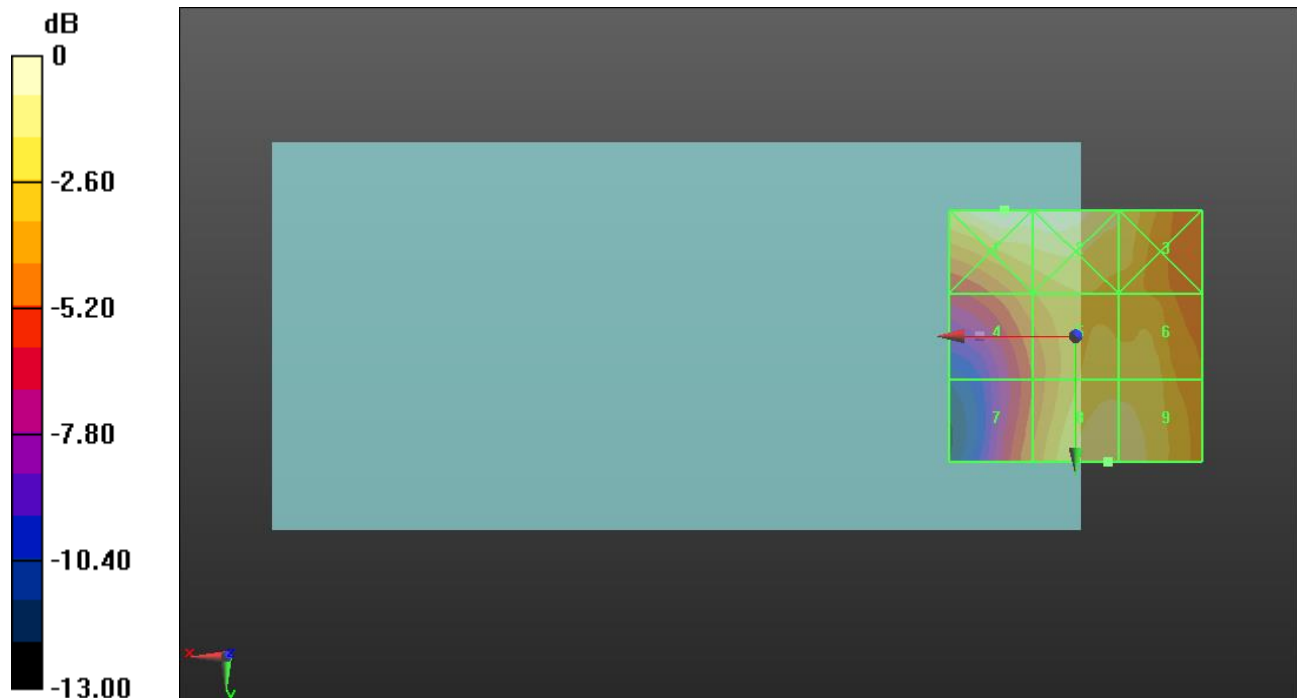
Applied MIF = 3.63 dB

RF audio interference level = 29.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.34 dBV/m	Grid 2 M3 30.29 dBV/m	Grid 3 M4 28.85 dBV/m
Grid 4 M4 26.8 dBV/m	Grid 5 M4 28.29 dBV/m	Grid 6 M4 28.46 dBV/m
Grid 7 M4 26.22 dBV/m	Grid 8 M4 29.24 dBV/m	Grid 9 M4 29.16 dBV/m



0 dB = 32.87 V/m = 30.34 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 = 12.32 V/m; Power Drift = 0.10 dB

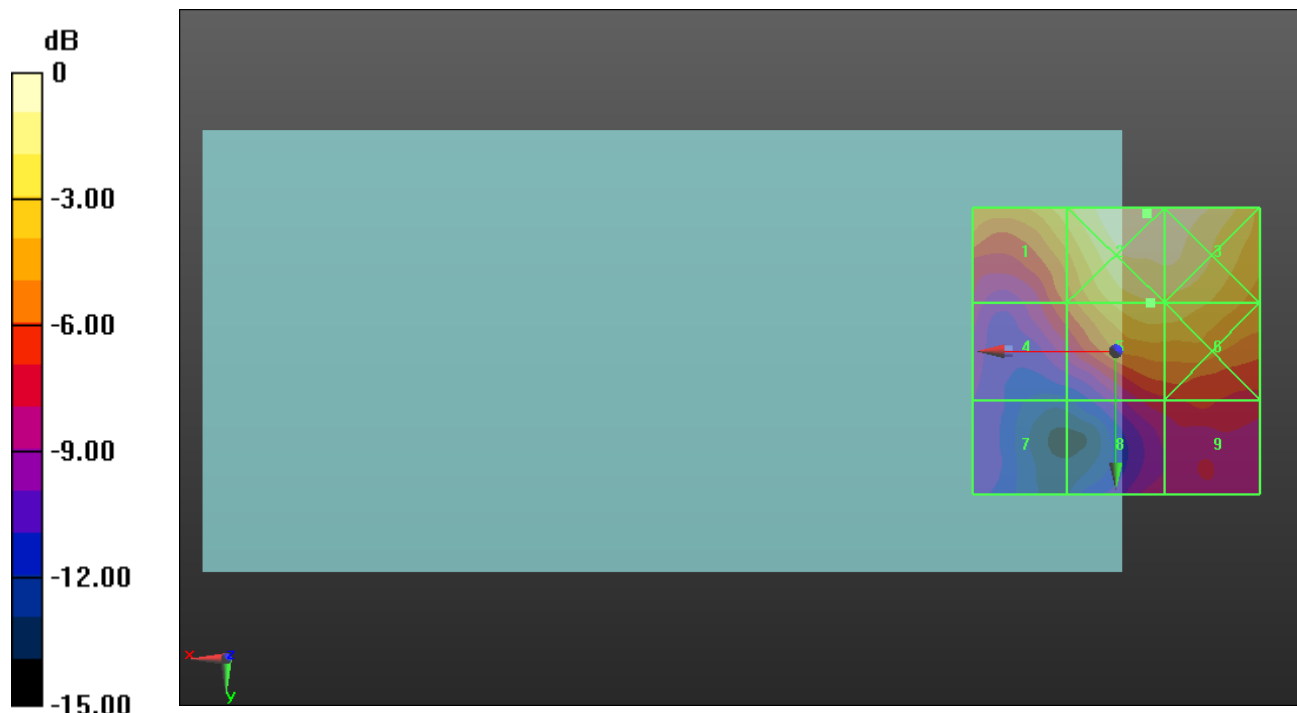
Applied MIF = -1.44 dB

RF audio interference level = 21.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.49 dBV/m	Grid 2 M4 23.75 dBV/m	Grid 3 M4 23.58 dBV/m
Grid 4 M4 18.05 dBV/m	Grid 5 M4 21.66 dBV/m	Grid 6 M4 21.56 dBV/m
Grid 7 M4 13.81 dBV/m	Grid 8 M4 16.54 dBV/m	Grid 9 M4 17.04 dBV/m



0 dB = 15.41 V/m = 23.76 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 = 13.83 V/m; Power Drift = -0.19 dB

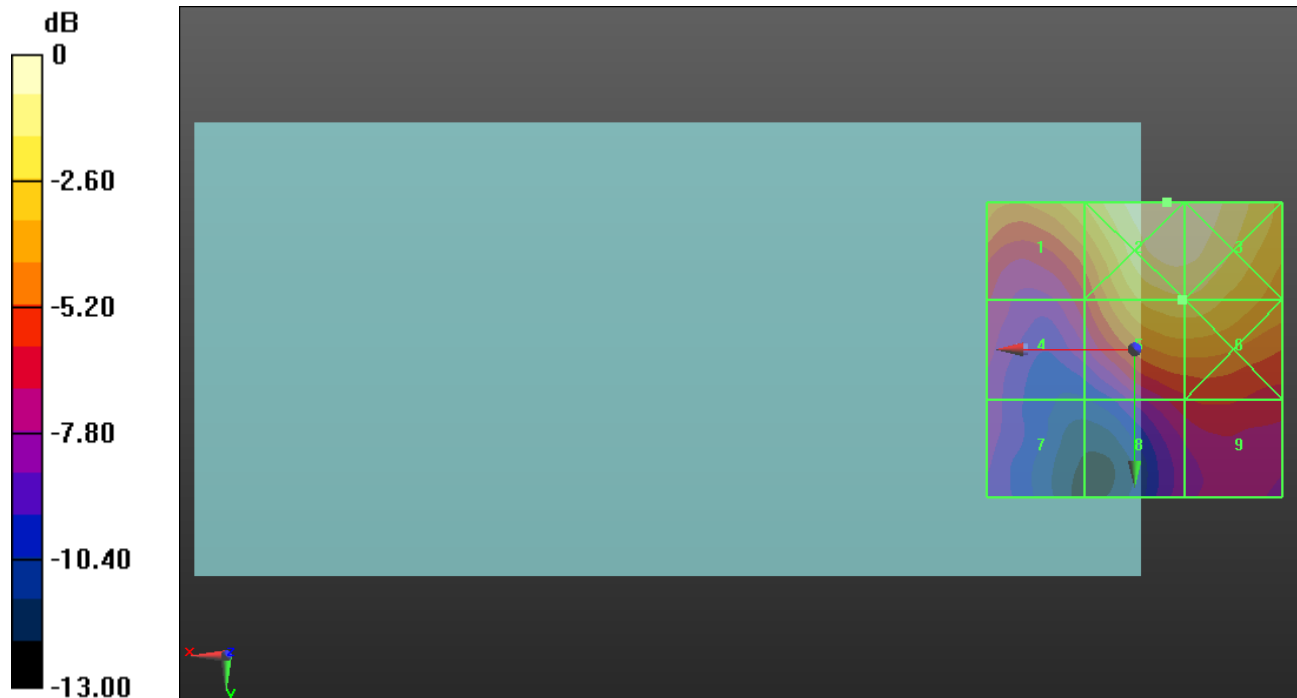
Applied MIF = -1.44 dB

RF audio interference level = 22.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.73 dBV/m	Grid 2 M4 24.25 dBV/m	Grid 3 M4 24.08 dBV/m
Grid 4 M4 18.08 dBV/m	Grid 5 M4 22.37 dBV/m	Grid 6 M4 22.37 dBV/m
Grid 7 M4 16.47 dBV/m	Grid 8 M4 18.03 dBV/m	Grid 9 M4 18.37 dBV/m



0 dB = 16.32 V/m = 24.25 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.33 V/m; Power Drift = 0.12 dB

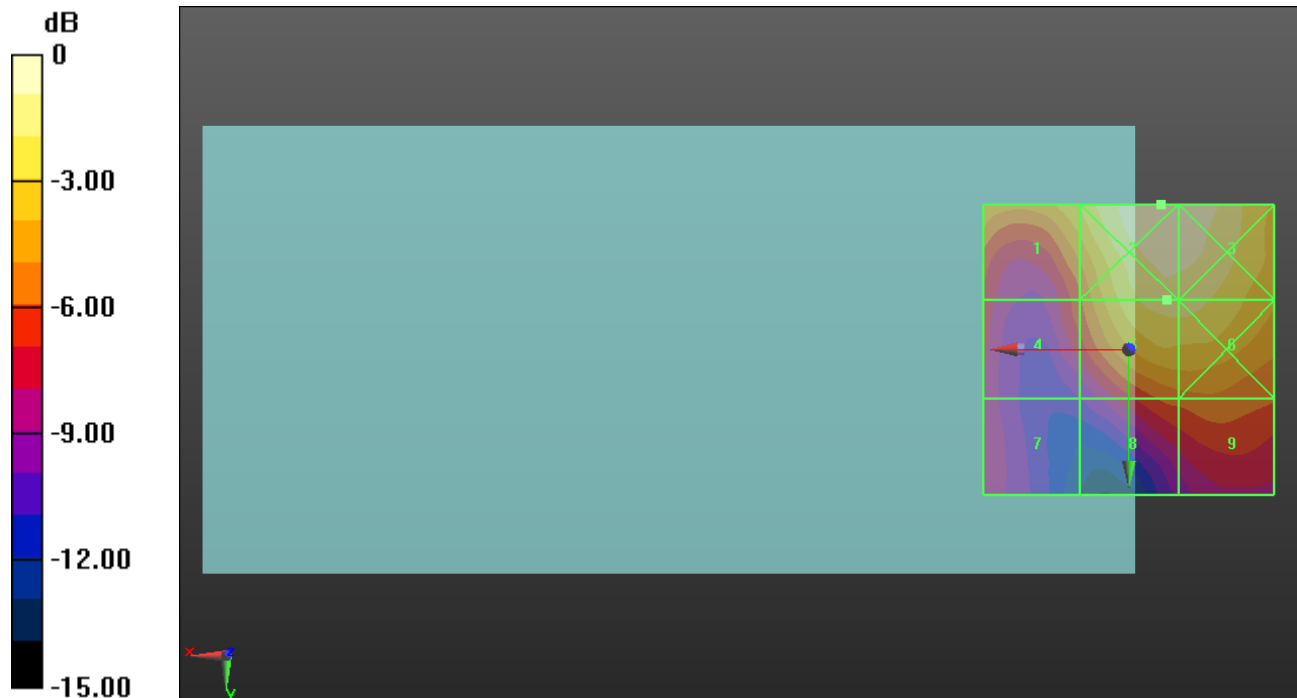
Applied MIF = -1.44 dB

RF audio interference level = 23.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.5 dBV/m	Grid 2 M4 25.35 dBV/m	Grid 3 M4 25.05 dBV/m
Grid 4 M4 19.12 dBV/m	Grid 5 M4 23.89 dBV/m	Grid 6 M4 23.79 dBV/m
Grid 7 M4 17.37 dBV/m	Grid 8 M4 19.81 dBV/m	Grid 9 M4 20.23 dBV/m



0 dB = 18.52 V/m = 25.35 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.81 V/m; Power Drift = 0.12 dB

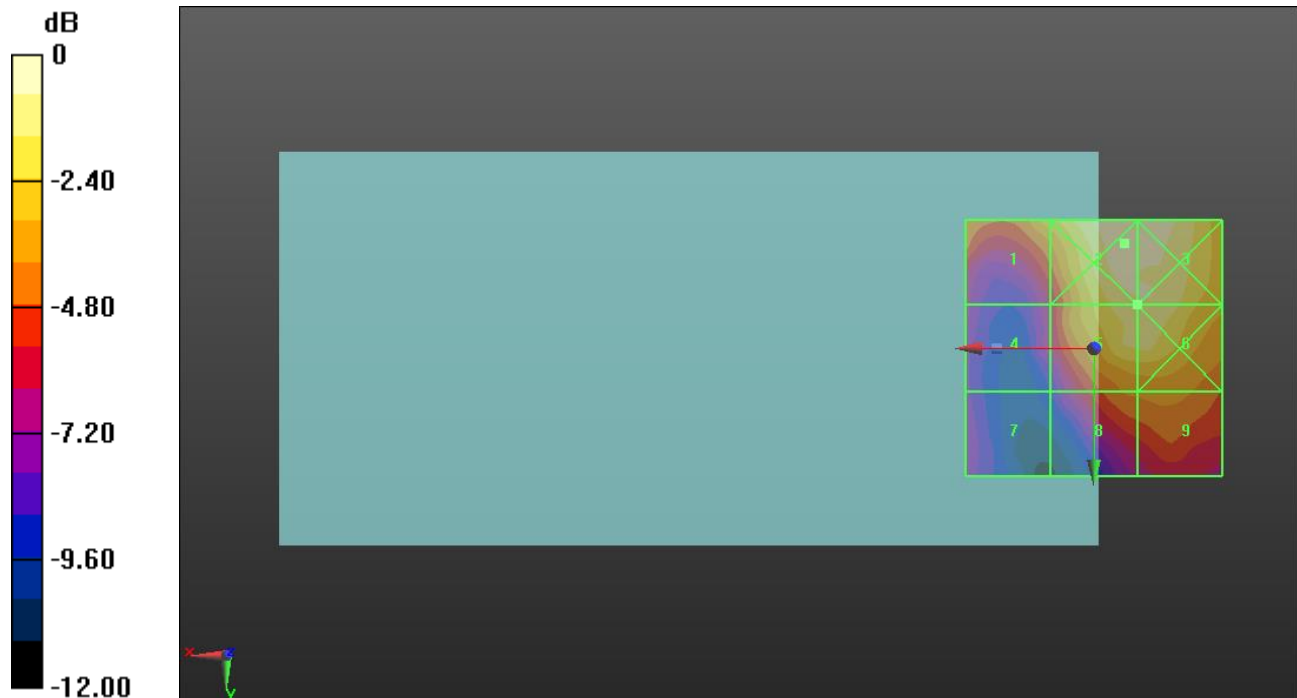
Applied MIF = -1.44 dB

RF audio interference level = 24.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.81 dBV/m	Grid 2 M4 25.43 dBV/m	Grid 3 M4 25.21 dBV/m
Grid 4 M4 19.2 dBV/m	Grid 5 M4 24.52 dBV/m	Grid 6 M4 24.55 dBV/m
Grid 7 M4 18.17 dBV/m	Grid 8 M4 21.63 dBV/m	Grid 9 M4 21.79 dBV/m



0 dB = 18.68 V/m = 25.43 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 = 16.60 V/m; Power Drift = -0.16 dB

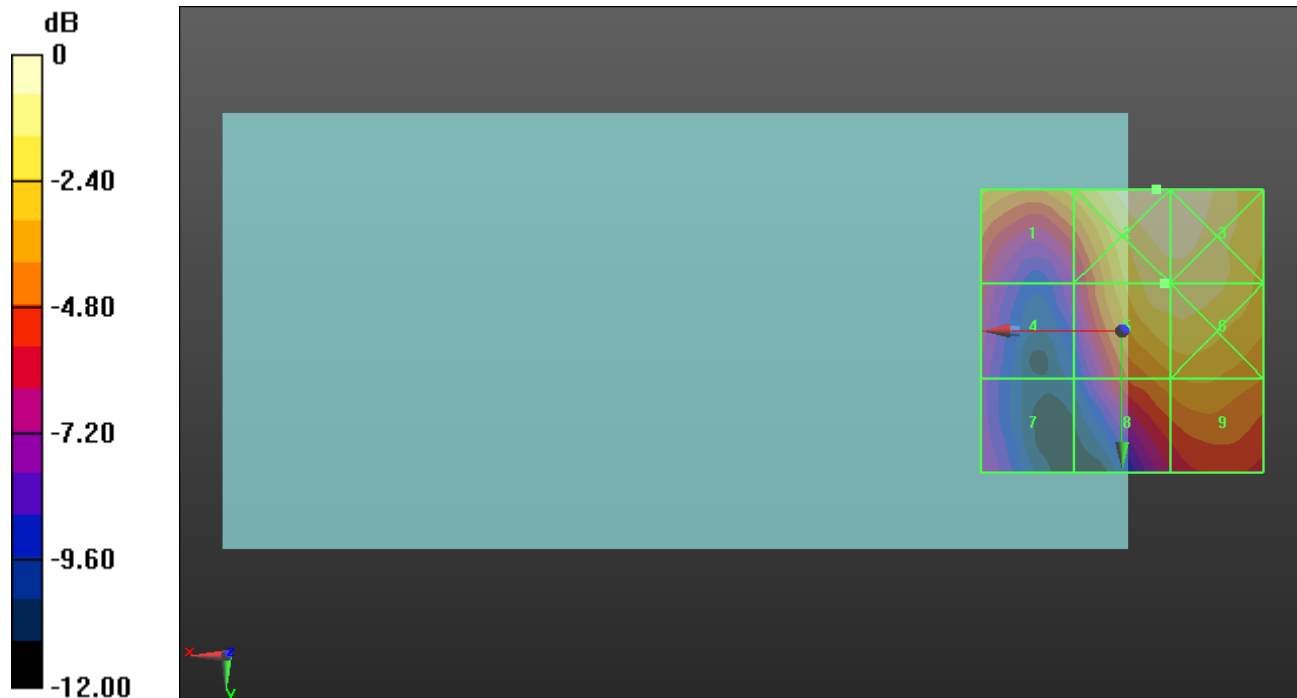
Applied MIF = -1.44 dB

RF audio interference level = 23.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.53 dBV/m	Grid 2 M4 24.21 dBV/m	Grid 3 M4 24.1 dBV/m
Grid 4 M4 18.41 dBV/m	Grid 5 M4 23.07 dBV/m	Grid 6 M4 23.06 dBV/m
Grid 7 M4 17.29 dBV/m	Grid 8 M4 20.78 dBV/m	Grid 9 M4 21.15 dBV/m



0 dB = 16.24 V/m = 24.21 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.90 V/m; Power Drift = -0.03 dB

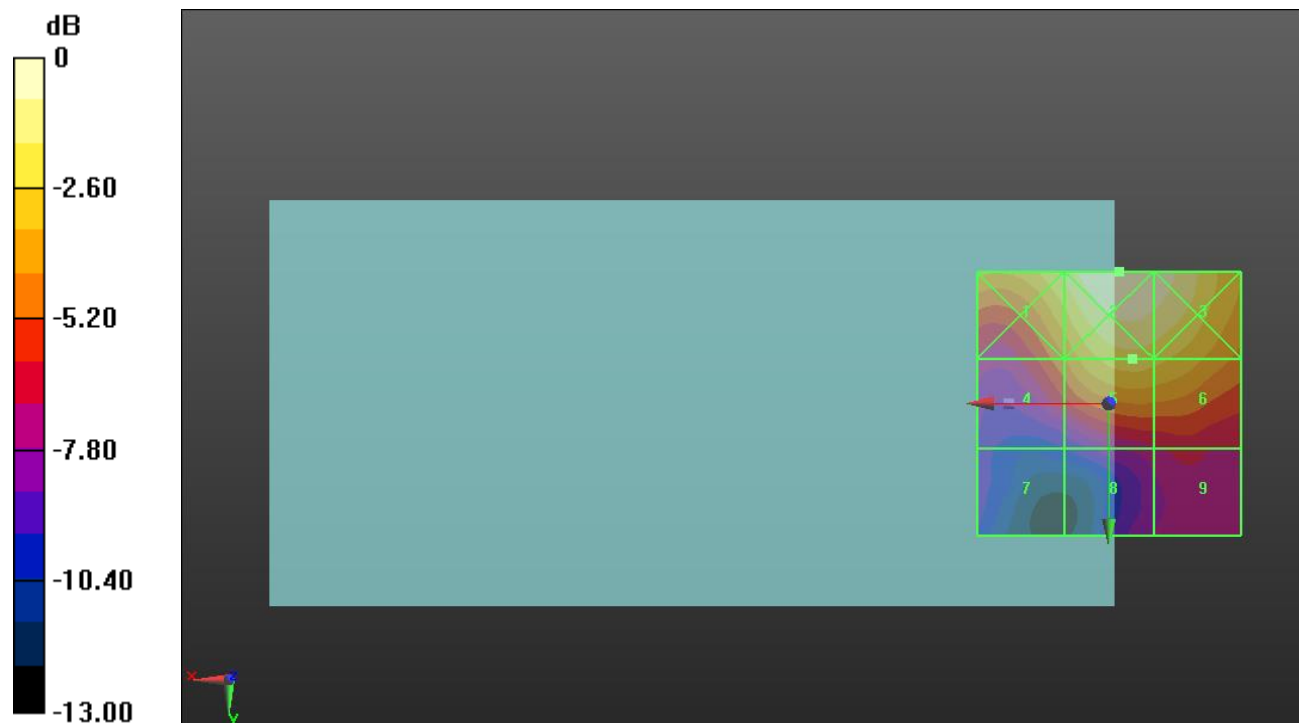
Applied MIF = -1.44 dB

RF audio interference level = 22.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.33 dBV/m	Grid 2 M4 24.72 dBV/m	Grid 3 M4 24.41 dBV/m
Grid 4 M4 20.33 dBV/m	Grid 5 M4 22.65 dBV/m	Grid 6 M4 22.41 dBV/m
Grid 7 M4 15.79 dBV/m	Grid 8 M4 17.7 dBV/m	Grid 9 M4 18.25 dBV/m



0 dB = 17.22 V/m = 24.72 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.64 V/m; Power Drift = -0.04 dB

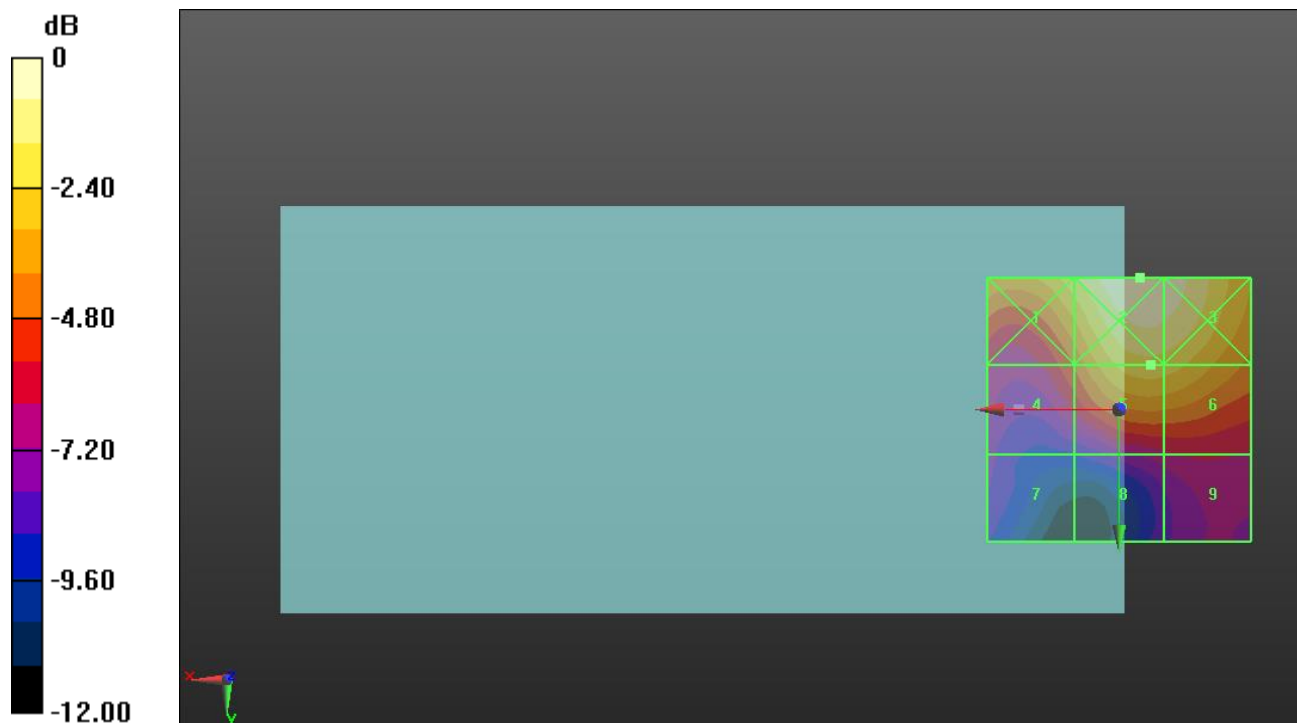
Applied MIF = -1.44 dB

RF audio interference level = 23.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.75 dBV/m	Grid 2 M4 25.54 dBV/m	Grid 3 M4 25.31 dBV/m
Grid 4 M4 20.82 dBV/m	Grid 5 M4 23.66 dBV/m	Grid 6 M4 23.55 dBV/m
Grid 7 M4 17.97 dBV/m	Grid 8 M4 18.98 dBV/m	Grid 9 M4 19.32 dBV/m



0 dB = 18.92 V/m = 25.54 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 = 21.30 V/m; Power Drift = 0.12 dB

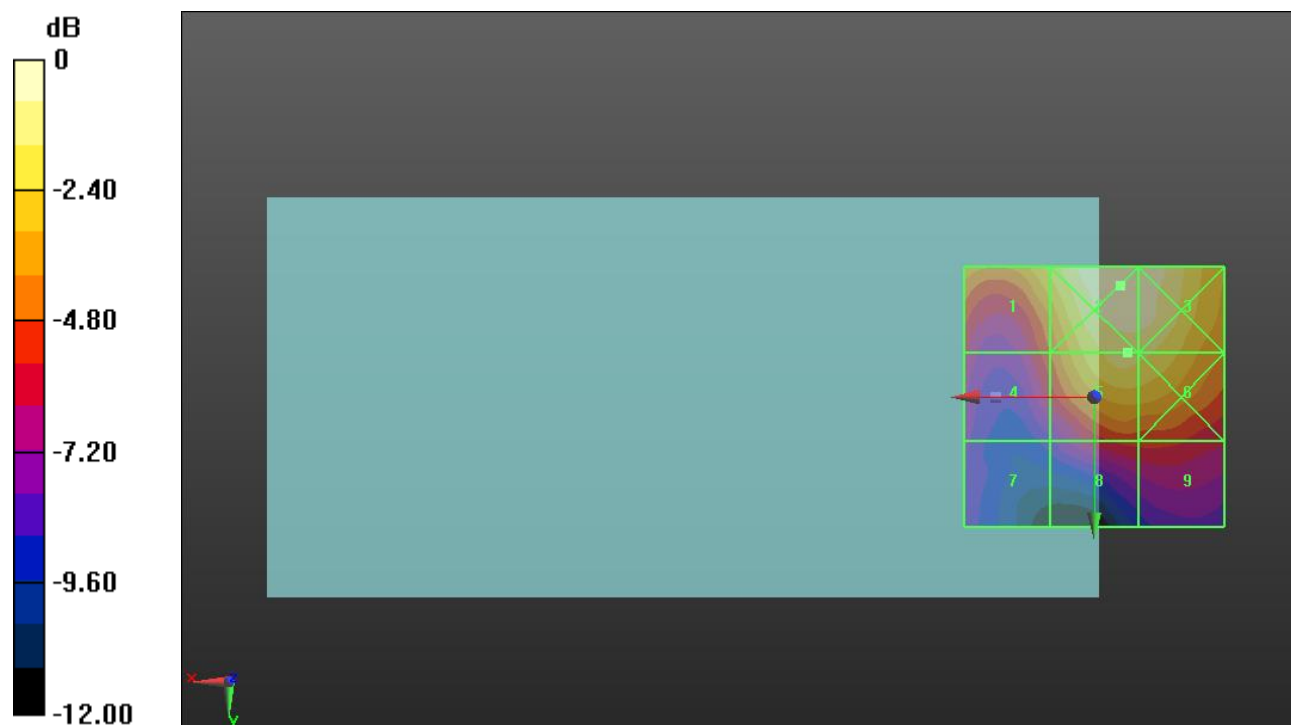
Applied MIF = -1.44 dB

RF audio interference level = 25.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.42 dBV/m	Grid 2 M4 26.54 dBV/m	Grid 3 M4 26.45 dBV/m
Grid 4 M4 21.74 dBV/m	Grid 5 M4 25.27 dBV/m	Grid 6 M4 25.18 dBV/m
Grid 7 M4 18.89 dBV/m	Grid 8 M4 21.27 dBV/m	Grid 9 M4 21.29 dBV/m



0 dB = 21.23 V/m = 26.54 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 = 24.32 V/m; Power Drift = -0.11 dB

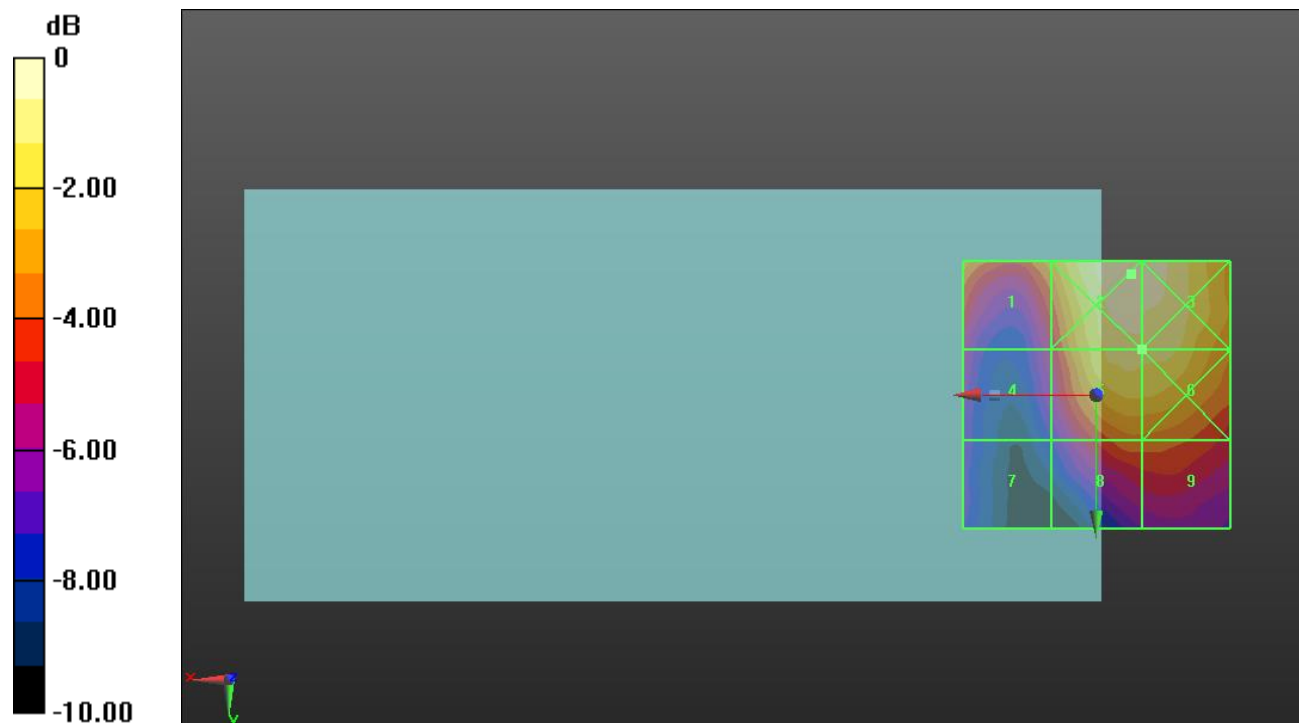
Applied MIF = -1.44 dB

RF audio interference level = 25.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.11 dBV/m	Grid 2 M4 26.87 dBV/m	Grid 3 M4 26.79 dBV/m
Grid 4 M4 21.54 dBV/m	Grid 5 M4 25.95 dBV/m	Grid 6 M4 25.96 dBV/m
Grid 7 M4 20.29 dBV/m	Grid 8 M4 23.35 dBV/m	Grid 9 M4 23.32 dBV/m



0 dB = 22.06 V/m = 26.87 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.39 V/m; Power Drift = -0.07 dB

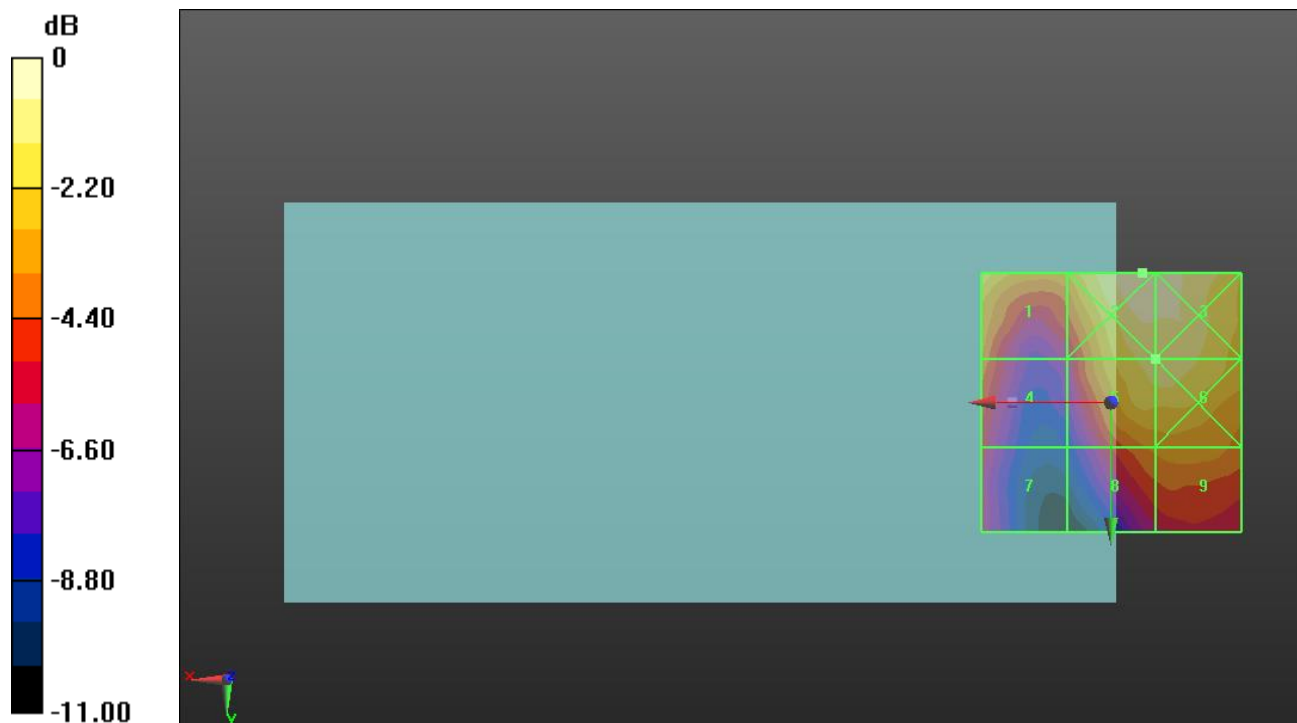
Applied MIF = -1.44 dB

RF audio interference level = 25.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.95 dBV/m	Grid 2 M4 26.31 dBV/m	Grid 3 M4 26.09 dBV/m
Grid 4 M4 22.7 dBV/m	Grid 5 M4 25.24 dBV/m	Grid 6 M4 25.32 dBV/m
Grid 7 M4 21.04 dBV/m	Grid 8 M4 22.88 dBV/m	Grid 9 M4 23.14 dBV/m



0 dB = 20.67 V/m = 26.31 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.386 V/m; Power Drift = -0.03 dB

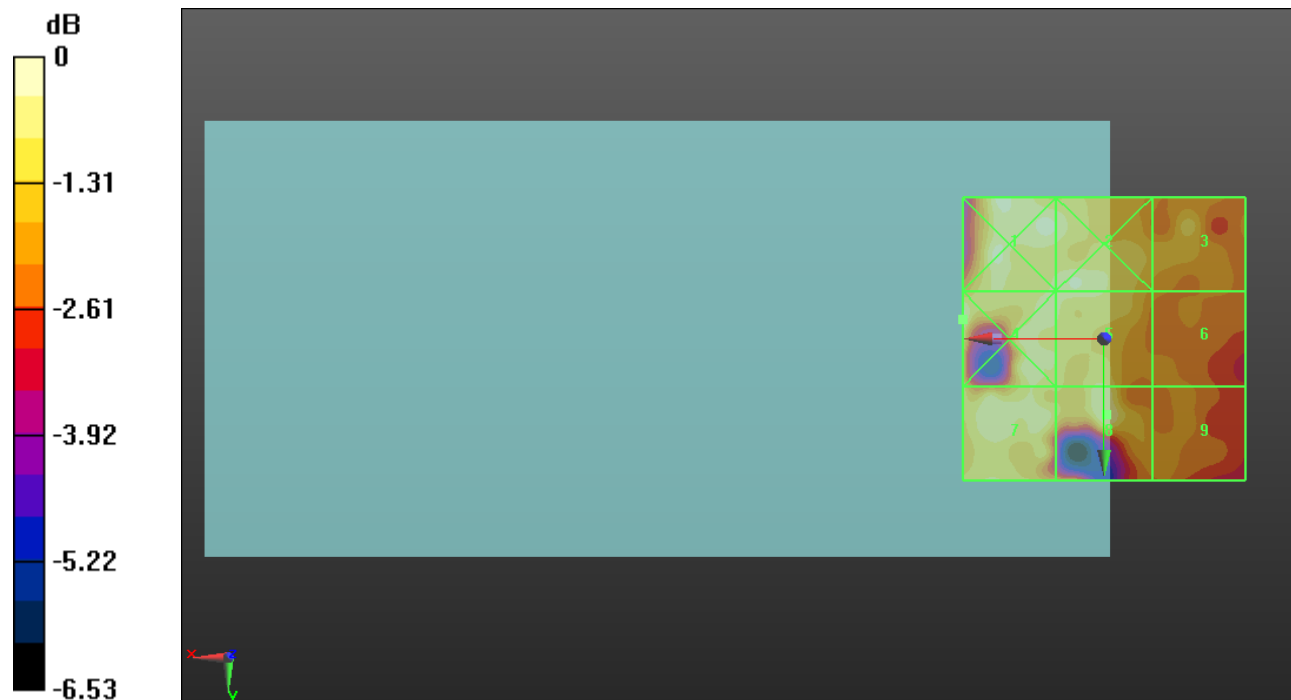
Applied MIF = -2.02 dB

RF audio interference level = 14.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.79 dBV/m	Grid 2 M4 14.59 dBV/m	Grid 3 M4 13.87 dBV/m
Grid 4 M4 14.94 dBV/m	Grid 5 M4 14.43 dBV/m	Grid 6 M4 13.05 dBV/m
Grid 7 M4 14.42 dBV/m	Grid 8 M4 14.59 dBV/m	Grid 9 M4 13.1 dBV/m



0 dB = 5.583 V/m = 14.94 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 = 4.750 V/m; Power Drift = -0.06 dB

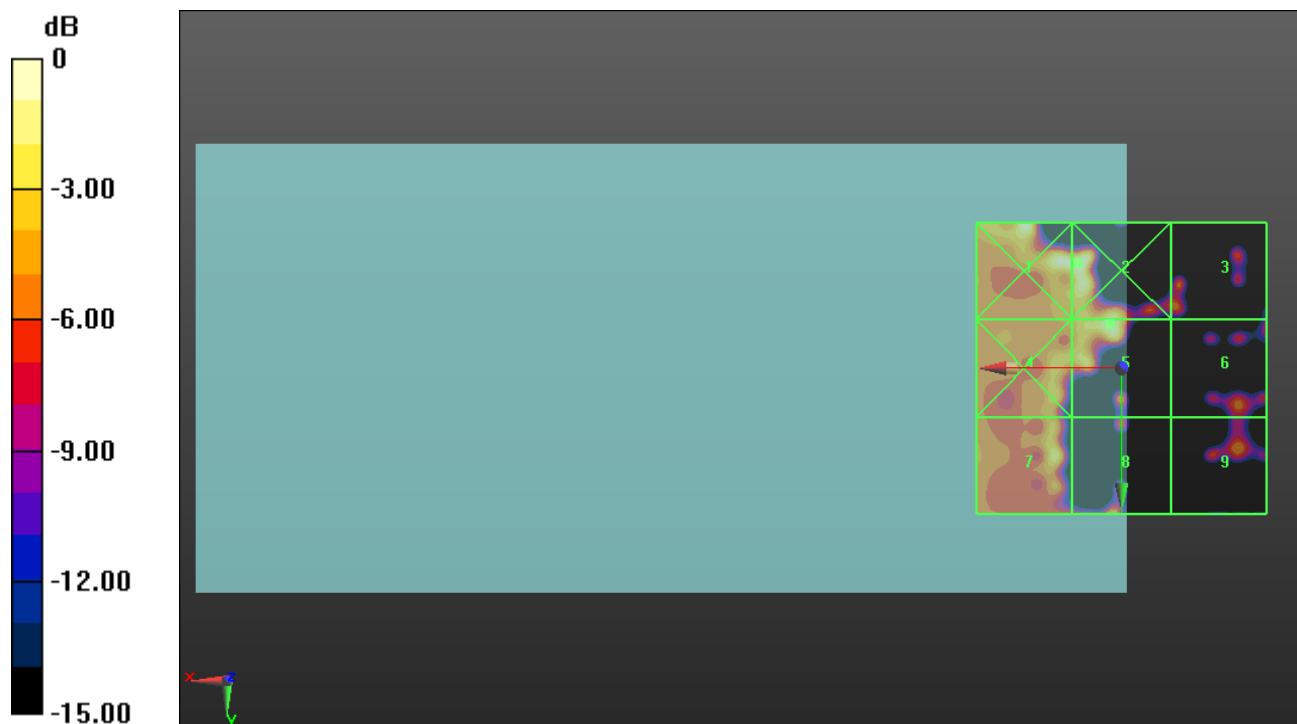
Applied MIF = -2.02 dB

RF audio interference level = 16.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.43 dBV/m	Grid 2 M4 16.77 dBV/m	Grid 3 M4 11.5 dBV/m
Grid 4 M4 13.82 dBV/m	Grid 5 M4 16.27 dBV/m	Grid 6 M4 11.46 dBV/m
Grid 7 M4 14.95 dBV/m	Grid 8 M4 13.88 dBV/m	Grid 9 M4 11.86 dBV/m



0 dB = 6.894 V/m = 16.77 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 = 4.928 V/m; Power Drift = -0.09 dB

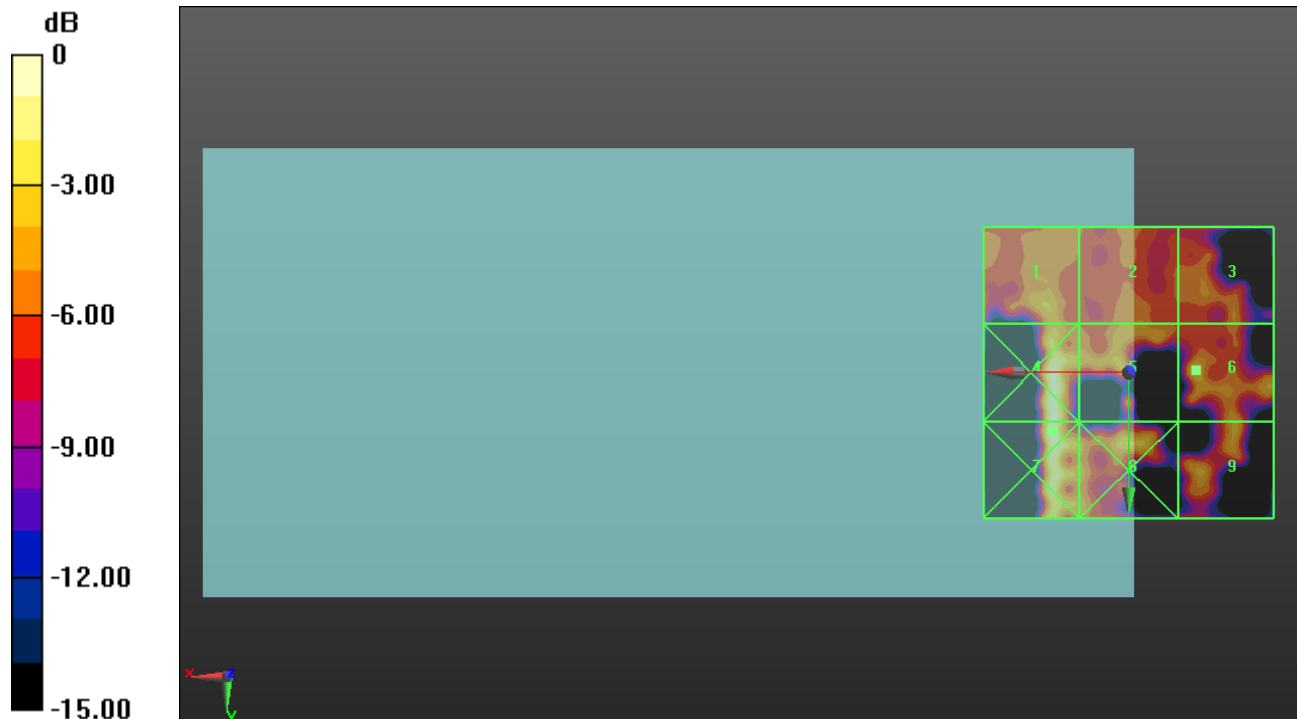
Applied MIF = -2.02 dB

RF audio interference level = 14.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.6 dBV/m	Grid 2 M4 12.67 dBV/m	Grid 3 M4 12.69 dBV/m
Grid 4 M4 17.12 dBV/m	Grid 5 M4 13.8 dBV/m	Grid 6 M4 14.69 dBV/m
Grid 7 M4 17.46 dBV/m	Grid 8 M4 14.76 dBV/m	Grid 9 M4 13.86 dBV/m



0 dB = 7.463 V/m = 17.46 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.246 V/m; Power Drift = -0.18 dB

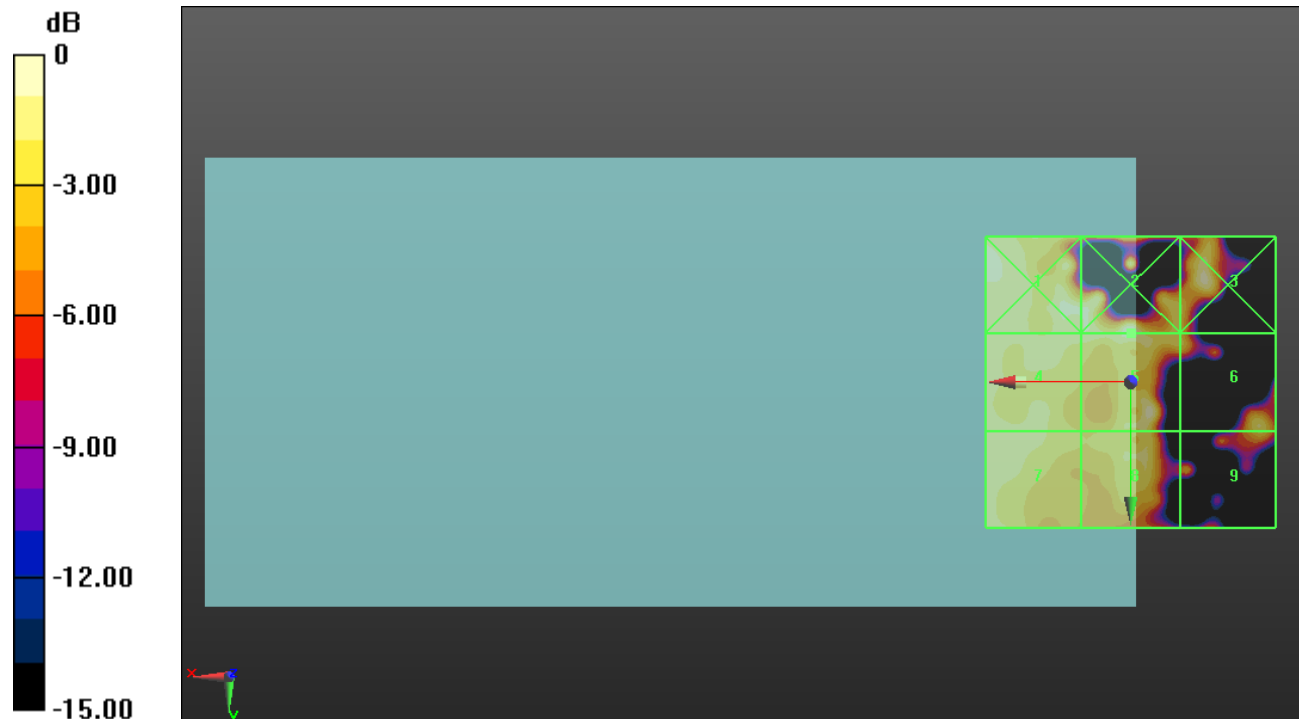
Applied MIF = 0.12 dB

RF audio interference level = 15.37 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.97 dBV/m	Grid 2 M4 15.37 dBV/m	Grid 3 M4 14.83 dBV/m
Grid 4 M4 14.3 dBV/m	Grid 5 M4 15.37 dBV/m	Grid 6 M4 13.51 dBV/m
Grid 7 M4 14.06 dBV/m	Grid 8 M4 13.6 dBV/m	Grid 9 M4 12.78 dBV/m



0 dB = 5.867 V/m = 15.37 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.035 V/m; Power Drift = -0.05 dB

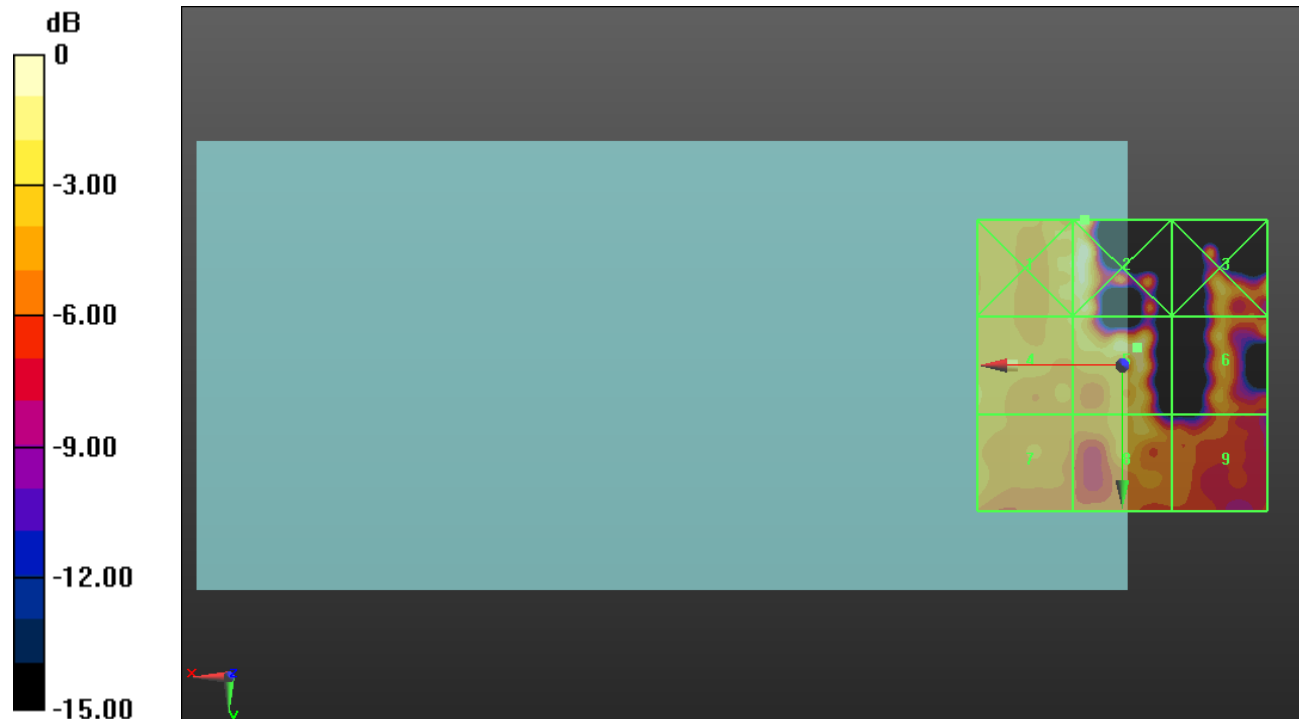
Applied MIF = 0.12 dB

RF audio interference level = 16.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.26 dBV/m	Grid 2 M4 16.84 dBV/m	Grid 3 M4 14.53 dBV/m
Grid 4 M4 14.05 dBV/m	Grid 5 M4 16.07 dBV/m	Grid 6 M4 14.28 dBV/m
Grid 7 M4 13.86 dBV/m	Grid 8 M4 14.38 dBV/m	Grid 9 M4 11.73 dBV/m



0 dB = 6.947 V/m = 16.84 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.968 V/m; Power Drift = 0.17 dB

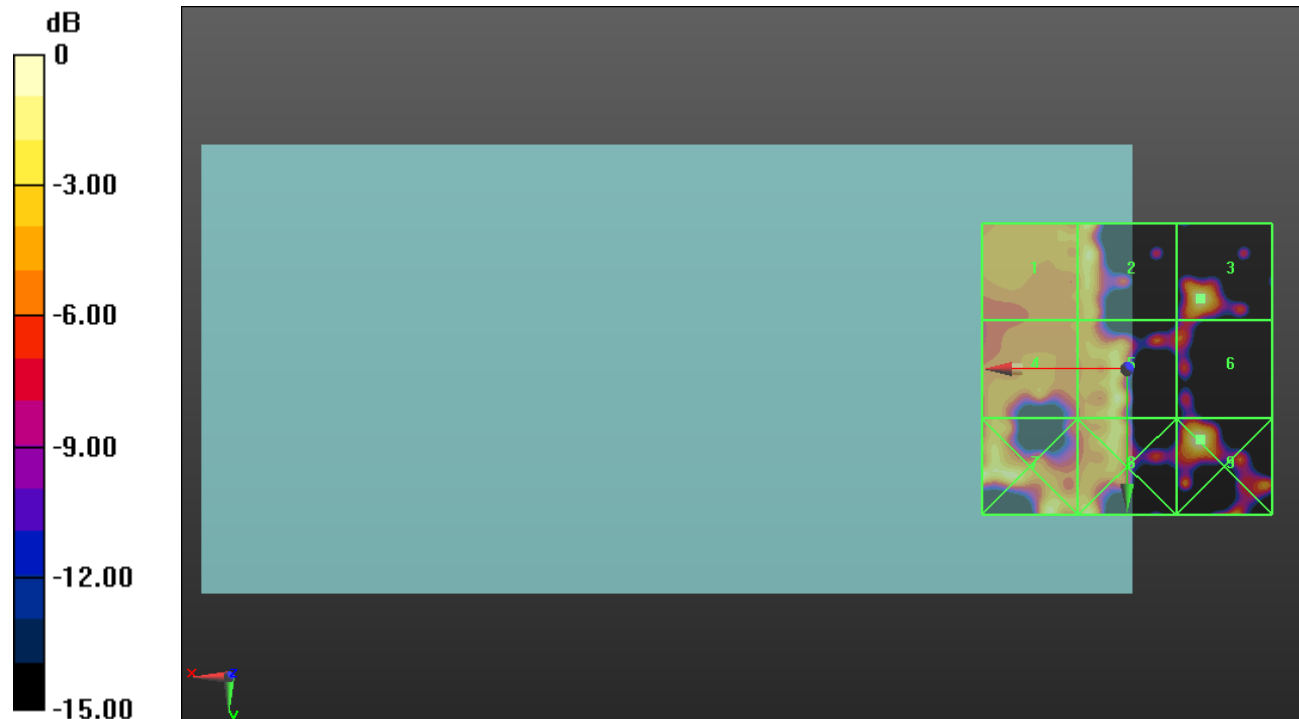
Applied MIF = 0.12 dB

RF audio interference level = 18.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.54 dBV/m	Grid 2 M4 17.74 dBV/m	Grid 3 M4 18.92 dBV/m
Grid 4 M4 15.28 dBV/m	Grid 5 M4 17.62 dBV/m	Grid 6 M4 13.39 dBV/m
Grid 7 M4 17.98 dBV/m	Grid 8 M4 17.33 dBV/m	Grid 9 M4 19.16 dBV/m



0 dB = 9.080 V/m = 19.16 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 = 20.02 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.5 dBV/m	Grid 2 M4 25.99 dBV/m	Grid 3 M4 25.13 dBV/m
Grid 4 M4 26.8 dBV/m	Grid 5 M4 28.92 dBV/m	Grid 6 M4 28.71 dBV/m
Grid 7 M3 31.16 dBV/m	Grid 8 M3 32.83 dBV/m	Grid 9 M3 31.85 dBV/m



0 dB = 43.82 V/m = 32.83 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.18 V/m; Power Drift = -0.06 dB

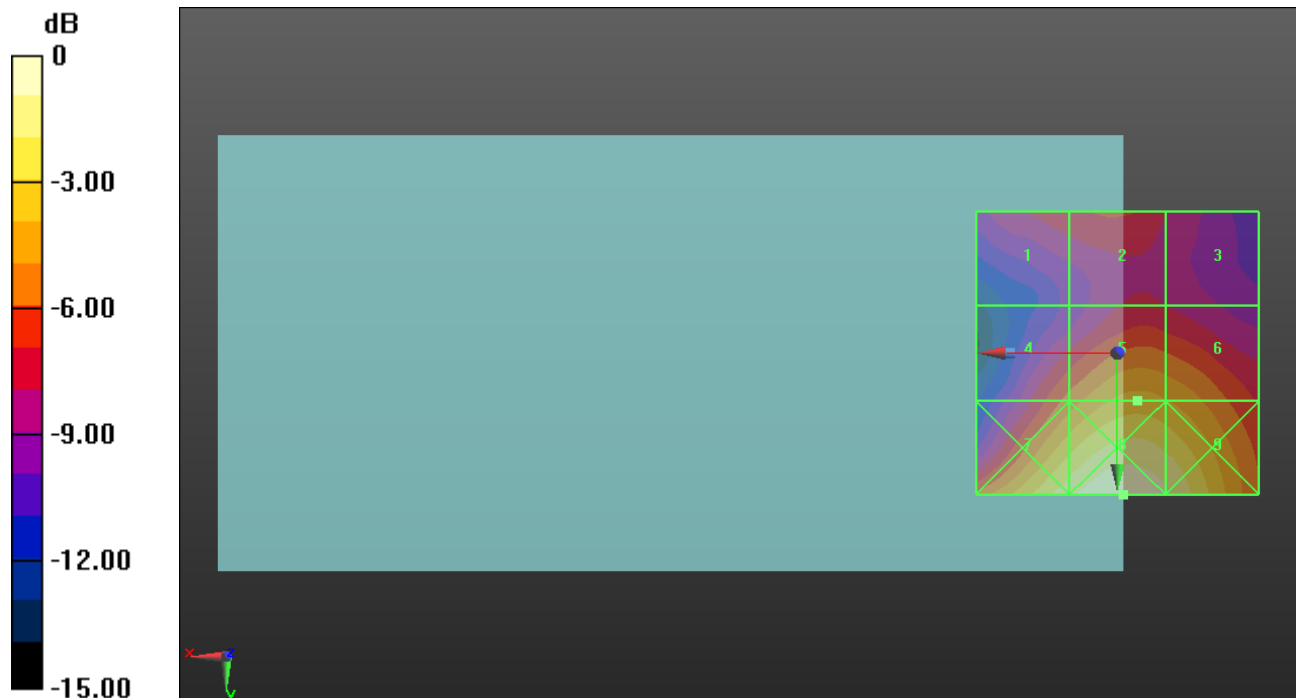
Applied MIF = 3.63 dB

RF audio interference level = 28.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.17 dBV/m	Grid 2 M4 25.52 dBV/m	Grid 3 M4 24.44 dBV/m
Grid 4 M4 26.84 dBV/m	Grid 5 M4 28.8 dBV/m	Grid 6 M4 28.45 dBV/m
Grid 7 M3 31.1 dBV/m	Grid 8 M3 32.34 dBV/m	Grid 9 M3 31.55 dBV/m



0 dB = 41.42 V/m = 32.34 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.39 V/m; Power Drift = 0.03 dB

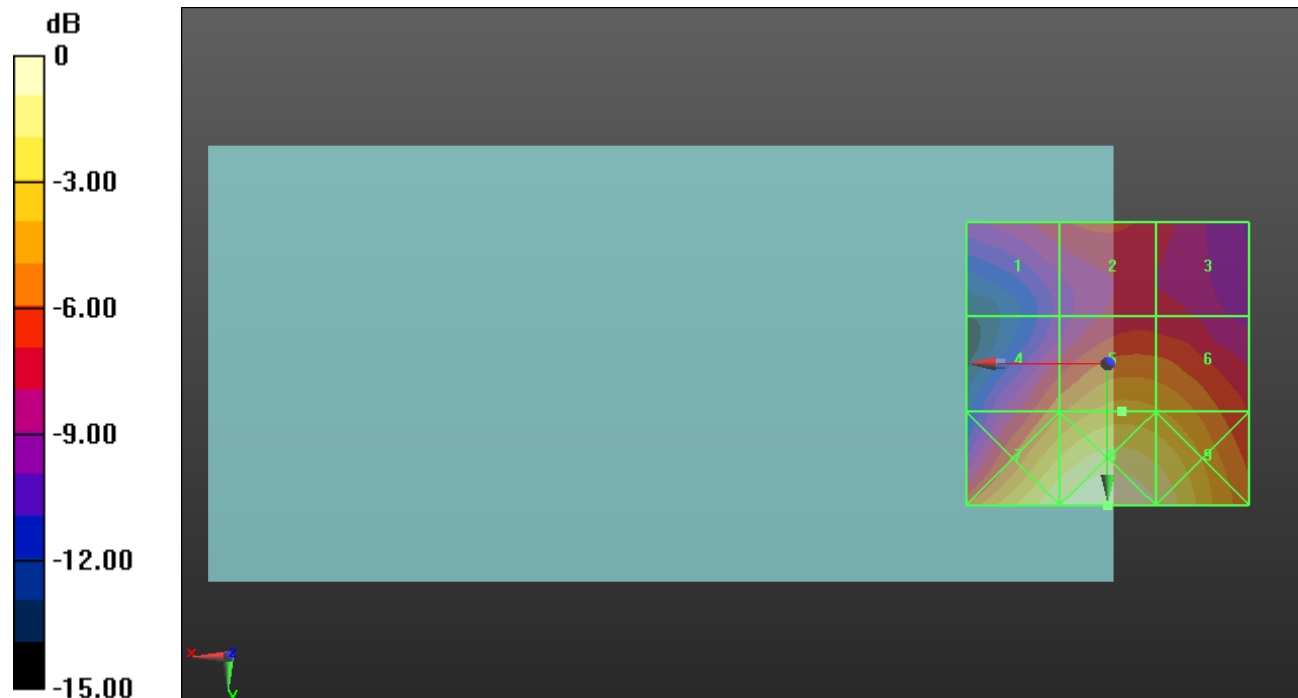
Applied MIF = 3.63 dB

RF audio interference level = 28.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.94 dBV/m	Grid 2 M4 25.49 dBV/m	Grid 3 M4 24.7 dBV/m
Grid 4 M4 26.97 dBV/m	Grid 5 M4 28.69 dBV/m	Grid 6 M4 28.38 dBV/m
Grid 7 M3 31.23 dBV/m	Grid 8 M3 32.18 dBV/m	Grid 9 M3 31.22 dBV/m



0 dB = 40.66 V/m = 32.18 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 = 19.81 V/m; Power Drift = 0.09 dB

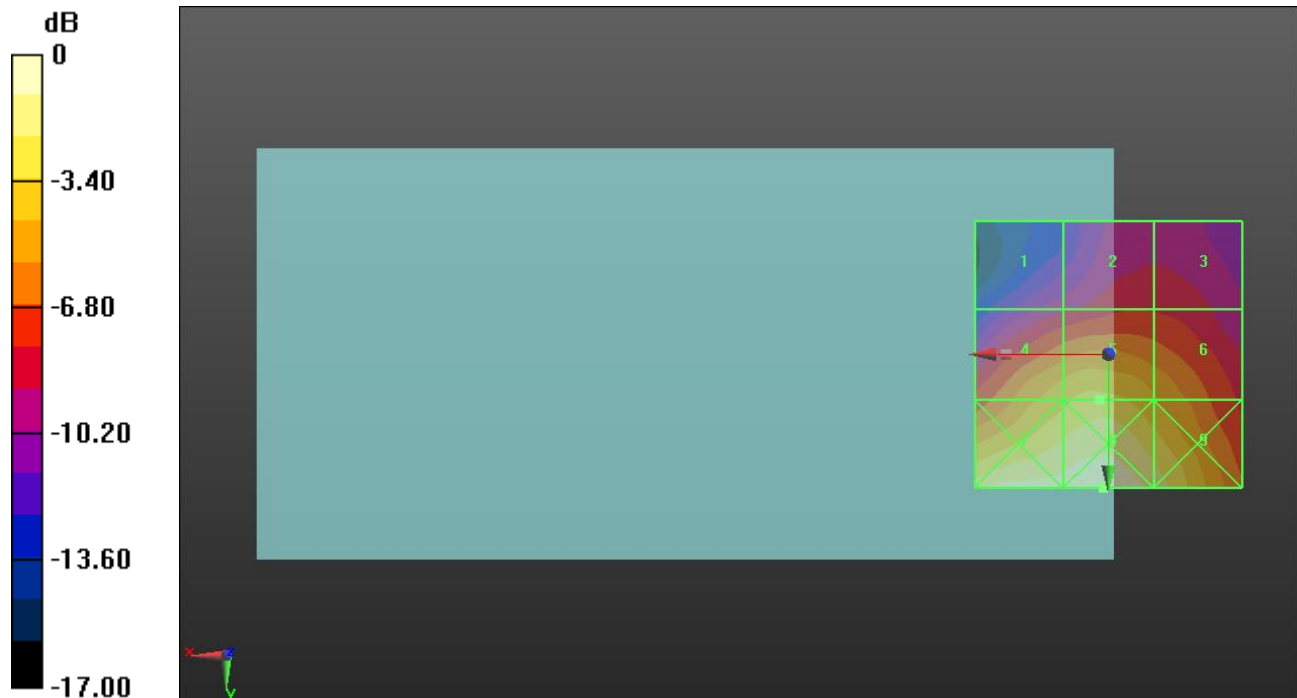
Applied MIF = -1.44 dB

RF audio interference level = 24.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.37 dBV/m	Grid 2 M4 19.84 dBV/m	Grid 3 M4 19.71 dBV/m
Grid 4 M4 24.01 dBV/m	Grid 5 M4 24.74 dBV/m	Grid 6 M4 23.33 dBV/m
Grid 7 M4 27.24 dBV/m	Grid 8 M4 27.74 dBV/m	Grid 9 M4 26.29 dBV/m



0 dB = 24.38 V/m = 27.74 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 = 12.20 V/m; Power Drift = -0.03 dB

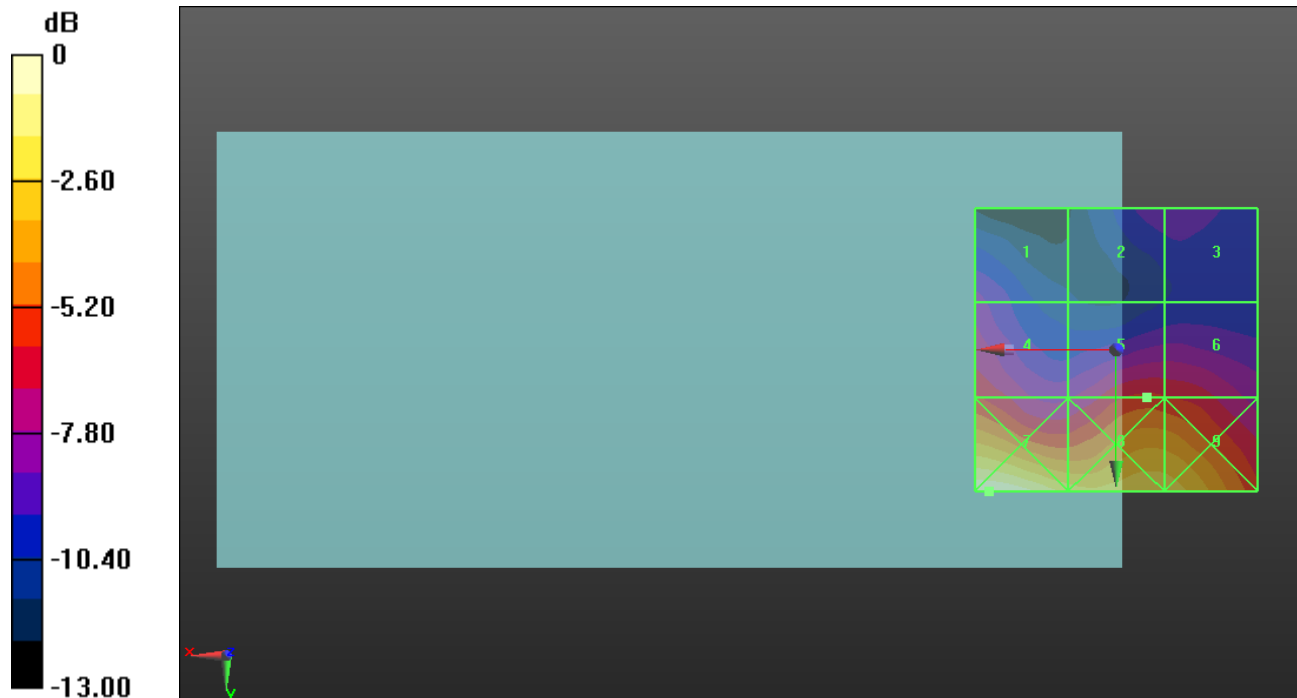
Applied MIF = -1.44 dB

RF audio interference level = 21.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.63 dBV/m	Grid 2 M4 17.85 dBV/m	Grid 3 M4 17.84 dBV/m
Grid 4 M4 21 dBV/m	Grid 5 M4 21.11 dBV/m	Grid 6 M4 20.95 dBV/m
Grid 7 M4 26.87 dBV/m	Grid 8 M4 24.99 dBV/m	Grid 9 M4 24.82 dBV/m



0 dB = 22.04 V/m = 26.86 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 = 17.08 V/m; Power Drift = 0.00 dB

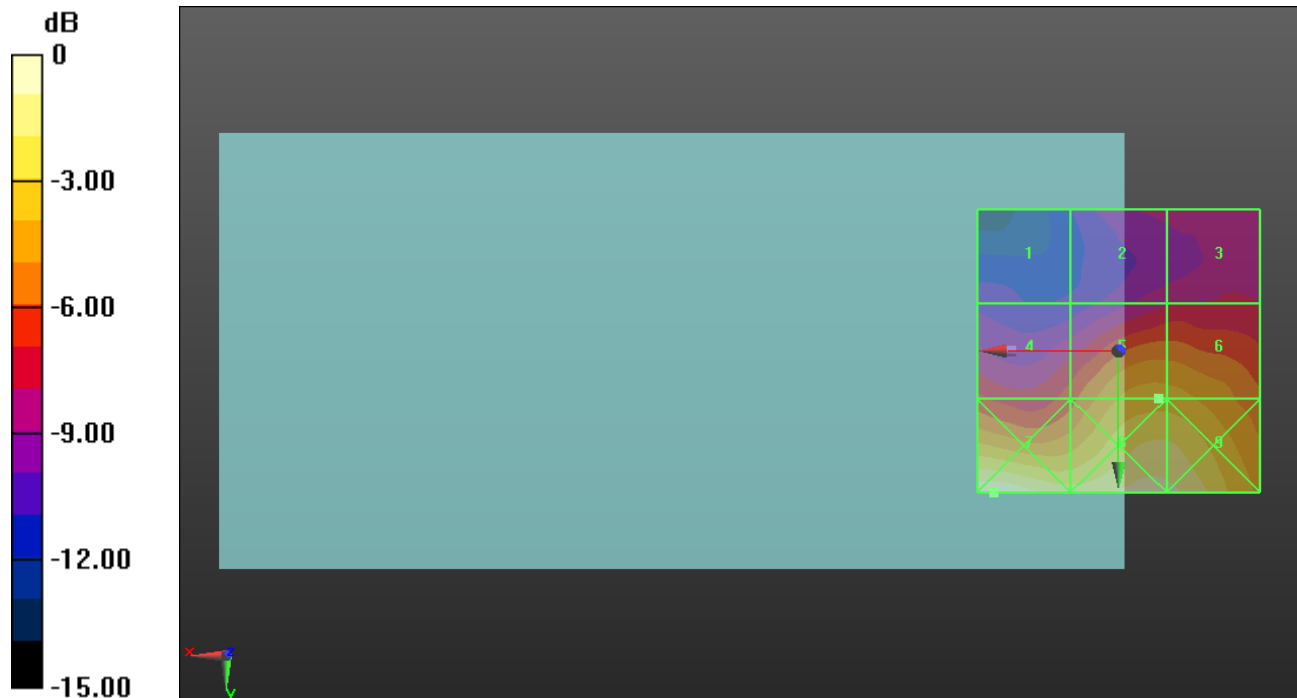
Applied MIF = -1.44 dB

RF audio interference level = 22.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.78 dBV/m	Grid 2 M4 17.94 dBV/m	Grid 3 M4 18.37 dBV/m
Grid 4 M4 19.75 dBV/m	Grid 5 M4 22.69 dBV/m	Grid 6 M4 22.65 dBV/m
Grid 7 M4 26.11 dBV/m	Grid 8 M4 25.57 dBV/m	Grid 9 M4 25.45 dBV/m



0 dB = 20.22 V/m = 26.12 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.60 V/m; Power Drift = 0.06 dB

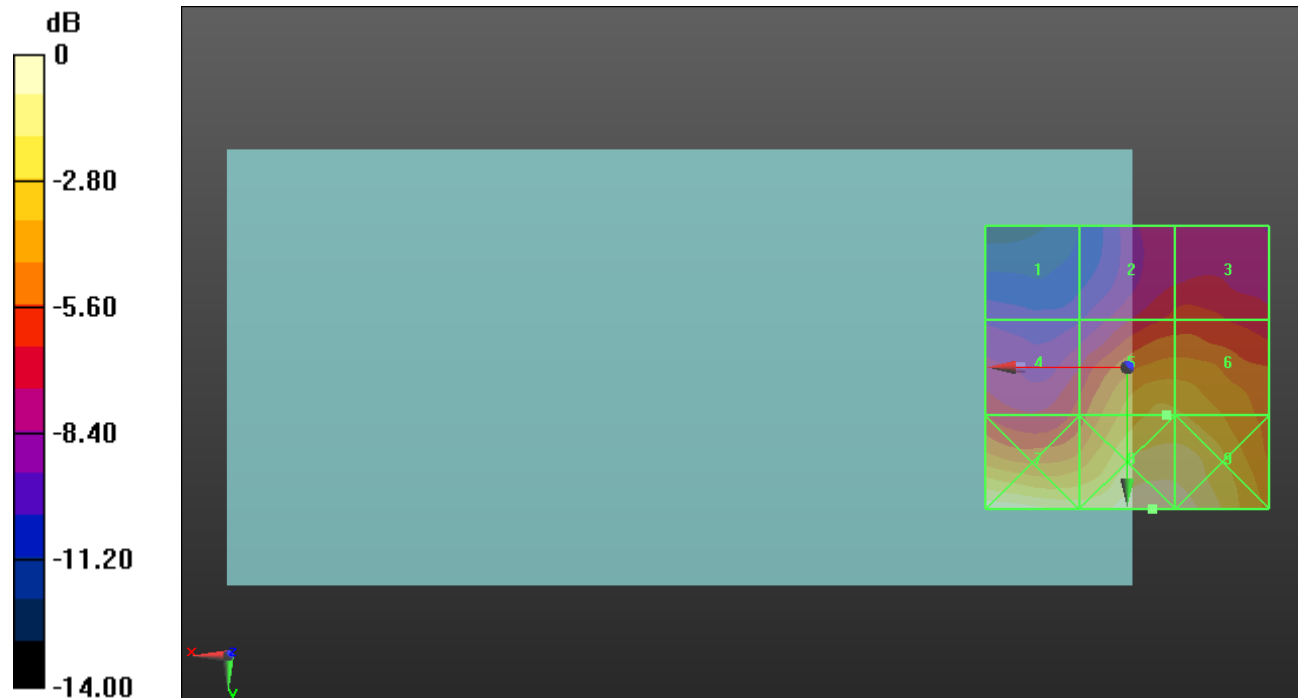
Applied MIF = -1.44 dB

RF audio interference level = 22.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.04 dBV/m	Grid 2 M4 19.36 dBV/m	Grid 3 M4 19.5 dBV/m
Grid 4 M4 19.47 dBV/m	Grid 5 M4 22.91 dBV/m	Grid 6 M4 22.85 dBV/m
Grid 7 M4 25.29 dBV/m	Grid 8 M4 25.5 dBV/m	Grid 9 M4 25.22 dBV/m



0 dB = 18.84 V/m = 25.50 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 = 19.41 V/m; Power Drift = -0.14 dB

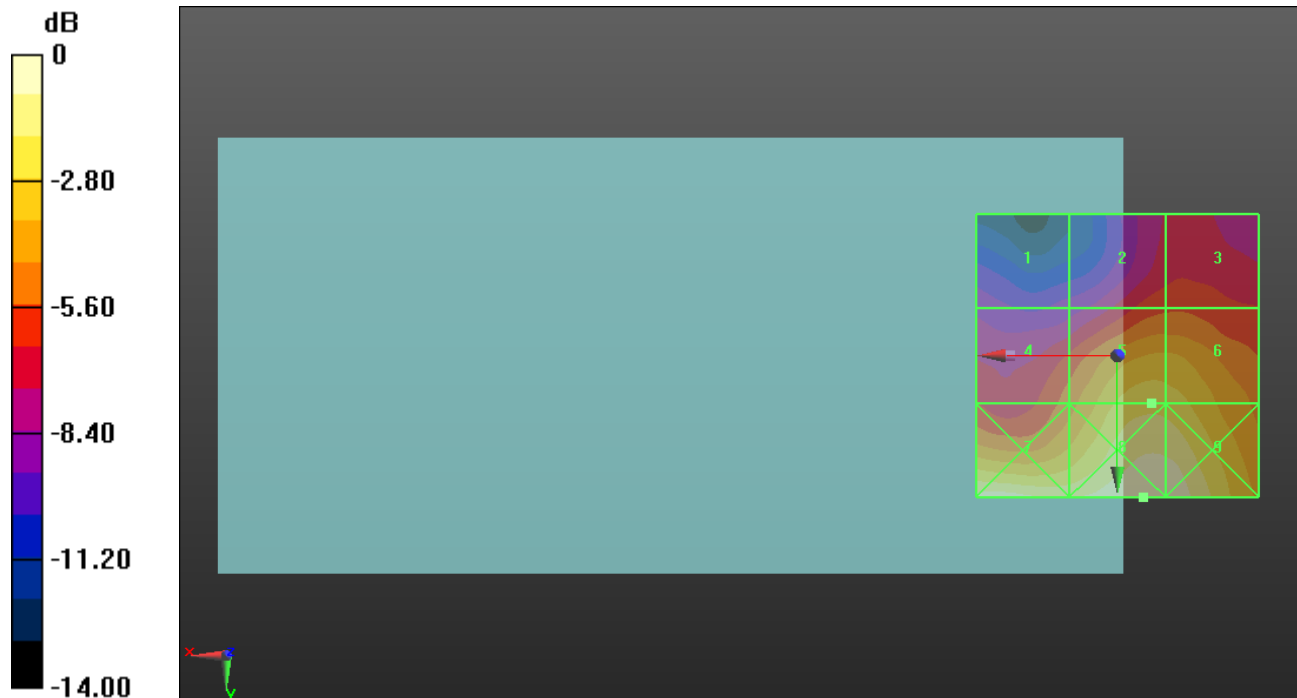
Applied MIF = -1.44 dB

RF audio interference level = 23.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.82 dBV/m	Grid 2 M4 19.67 dBV/m	Grid 3 M4 19.74 dBV/m
Grid 4 M4 20.41 dBV/m	Grid 5 M4 23.33 dBV/m	Grid 6 M4 23.23 dBV/m
Grid 7 M4 25.08 dBV/m	Grid 8 M4 25.45 dBV/m	Grid 9 M4 25.38 dBV/m



0 dB = 18.73 V/m = 25.45 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 = 19.61 V/m; Power Drift = -0.08 dB

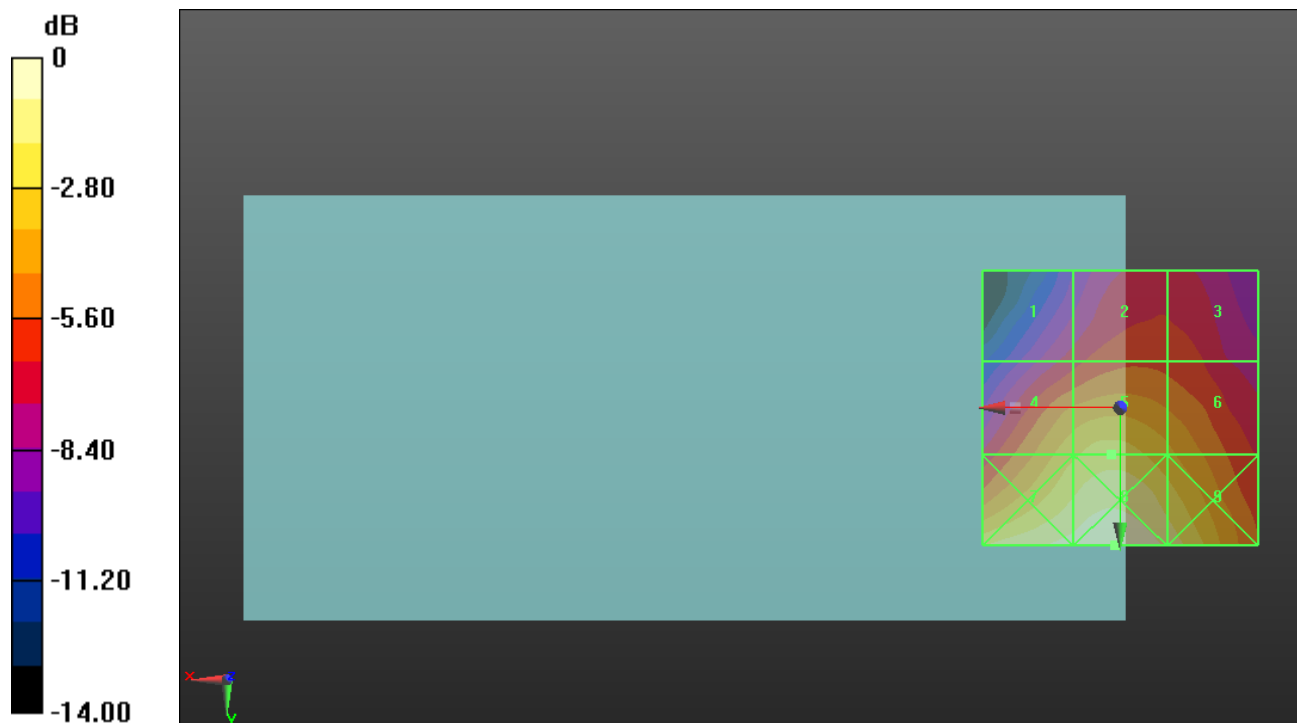
Applied MIF = -1.44 dB

RF audio interference level = 24.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.47 dBV/m	Grid 2 M4 20.62 dBV/m	Grid 3 M4 20.51 dBV/m
Grid 4 M4 23.38 dBV/m	Grid 5 M4 24.04 dBV/m	Grid 6 M4 22.91 dBV/m
Grid 7 M4 25.84 dBV/m	Grid 8 M4 26.34 dBV/m	Grid 9 M4 25.18 dBV/m



0 dB = 20.76 V/m = 26.34 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 = 15.11 V/m; Power Drift = -0.04 dB

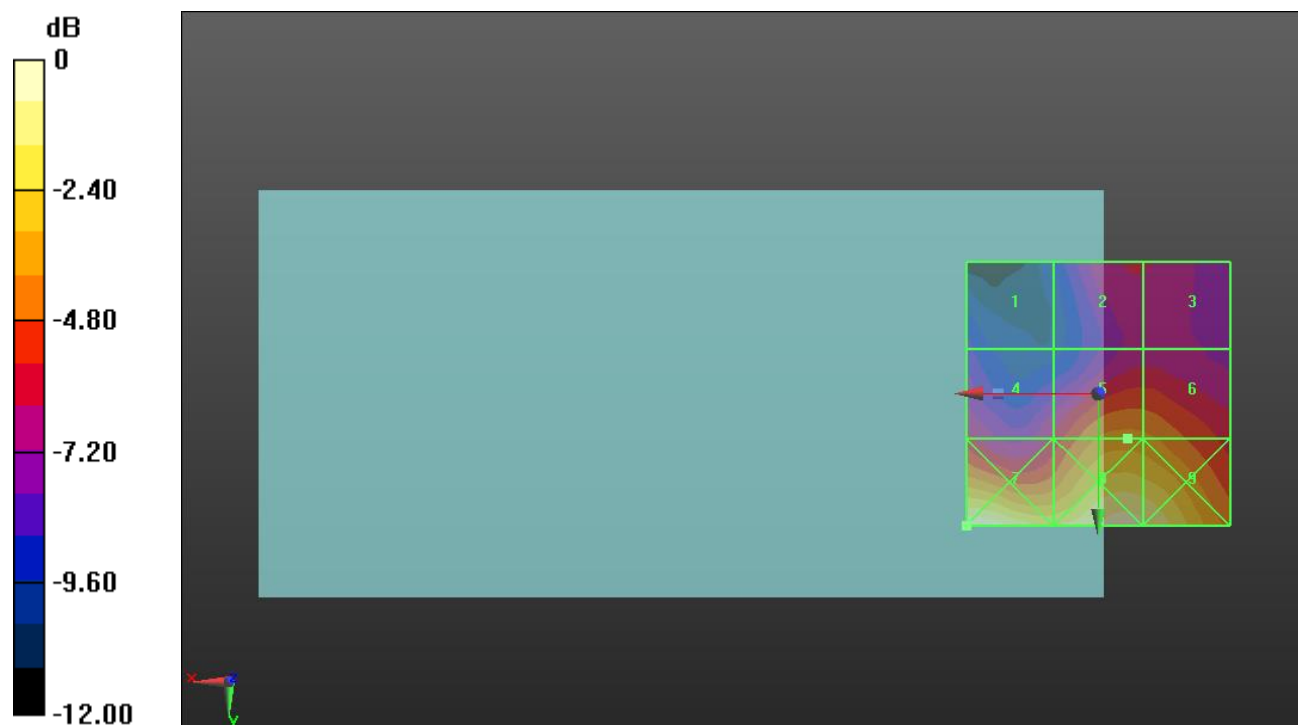
Applied MIF = -1.44 dB

RF audio interference level = 21.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.03 dBV/m	Grid 2 M4 19.07 dBV/m	Grid 3 M4 19.05 dBV/m
Grid 4 M4 19.42 dBV/m	Grid 5 M4 21.75 dBV/m	Grid 6 M4 21.62 dBV/m
Grid 7 M4 25.37 dBV/m	Grid 8 M4 25.09 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 18.56 V/m = 25.37 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.13 V/m; Power Drift = 0.01 dB

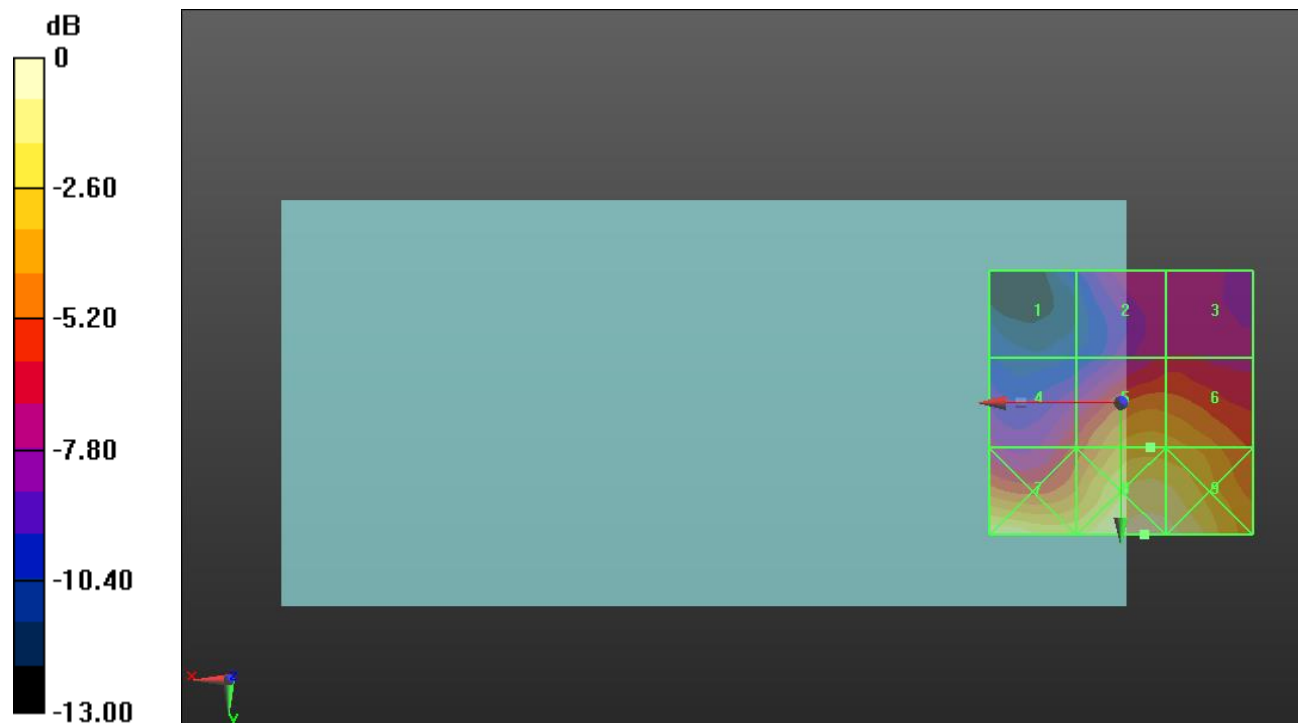
Applied MIF = -1.44 dB

RF audio interference level = 22.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.96 dBV/m	Grid 2 M4 18.67 dBV/m	Grid 3 M4 18.74 dBV/m
Grid 4 M4 19.79 dBV/m	Grid 5 M4 22.61 dBV/m	Grid 6 M4 22.46 dBV/m
Grid 7 M4 24.91 dBV/m	Grid 8 M4 25.5 dBV/m	Grid 9 M4 25.12 dBV/m



0 dB = 18.84 V/m = 25.50 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 = 20.29 V/m; Power Drift = -0.15 dB

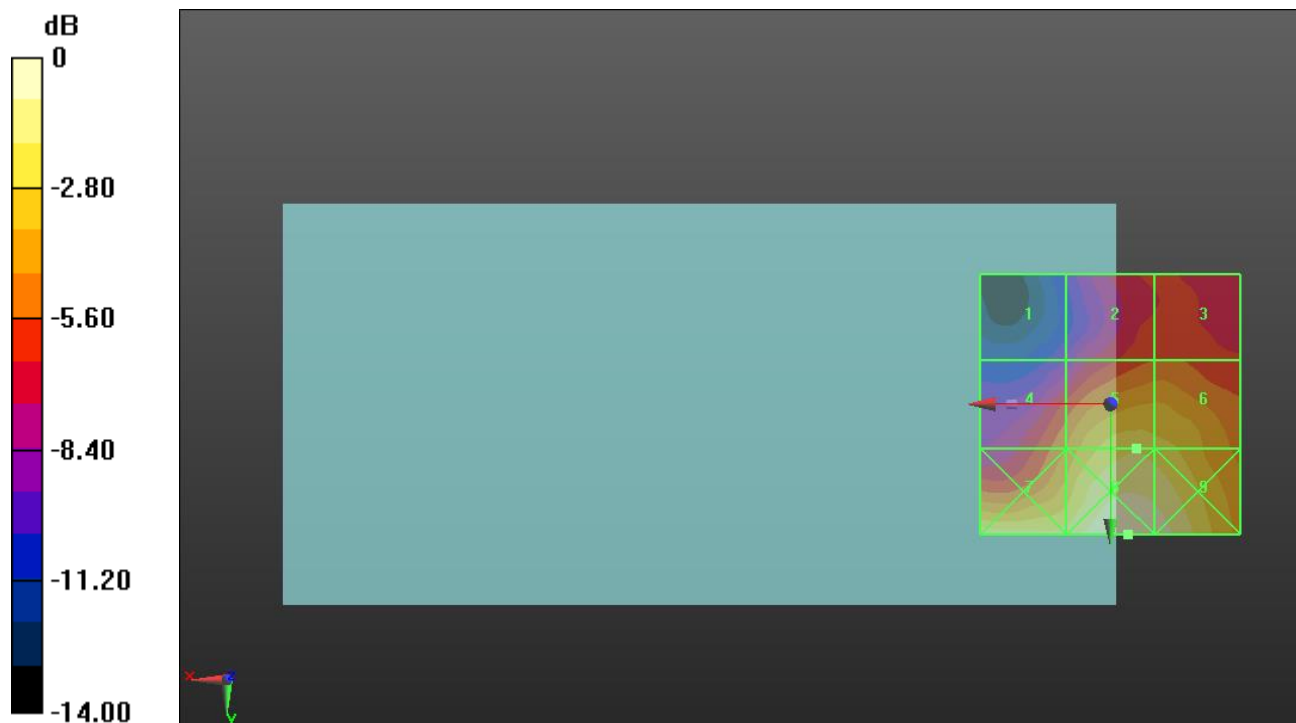
Applied MIF = -1.44 dB

RF audio interference level = 23.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.78 dBV/m	Grid 2 M4 20.3 dBV/m	Grid 3 M4 20.36 dBV/m
Grid 4 M4 21.34 dBV/m	Grid 5 M4 23.89 dBV/m	Grid 6 M4 23.6 dBV/m
Grid 7 M4 24.97 dBV/m	Grid 8 M4 25.91 dBV/m	Grid 9 M4 25.56 dBV/m



0 dB = 19.74 V/m = 25.91 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 = 22.95 V/m; Power Drift = 0.05 dB

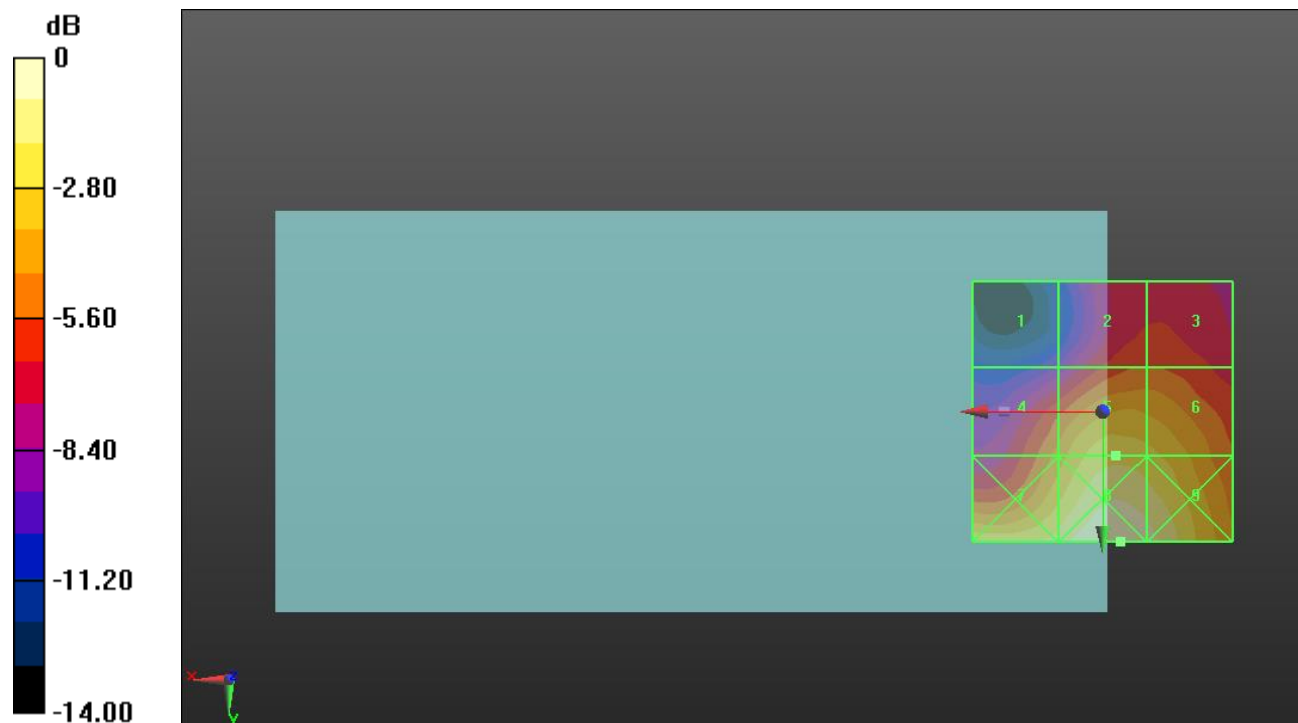
Applied MIF = -1.44 dB

RF audio interference level = 24.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.75 dBV/m	Grid 2 M4 21.35 dBV/m	Grid 3 M4 21.34 dBV/m
Grid 4 M4 22.64 dBV/m	Grid 5 M4 24.75 dBV/m	Grid 6 M4 24.42 dBV/m
Grid 7 M4 25.5 dBV/m	Grid 8 M4 26.88 dBV/m	Grid 9 M4 26.35 dBV/m



0 dB = 22.07 V/m = 26.88 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 = 28.28 V/m; Power Drift = -0.08 dB

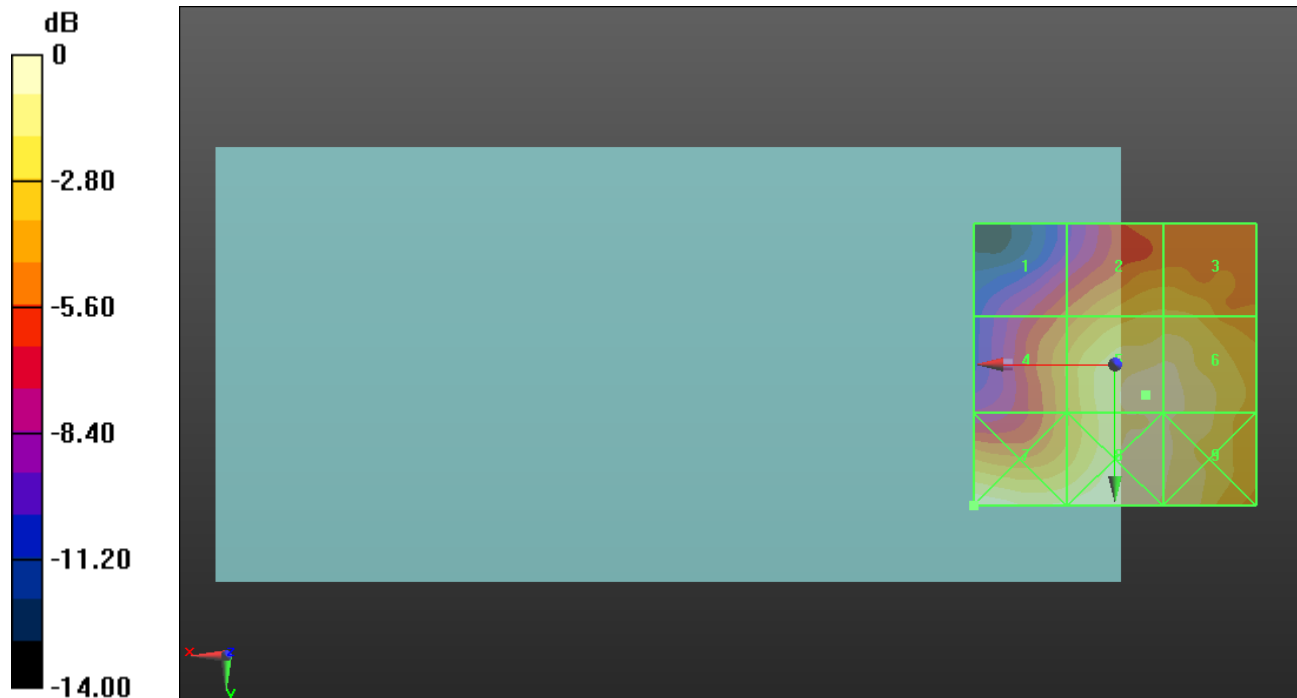
Applied MIF = -1.44 dB

RF audio interference level = 25.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.97 dBV/m	Grid 2 M4 23.64 dBV/m	Grid 3 M4 23.64 dBV/m
Grid 4 M4 22.59 dBV/m	Grid 5 M4 25.69 dBV/m	Grid 6 M4 25.58 dBV/m
Grid 7 M4 26.16 dBV/m	Grid 8 M4 26.14 dBV/m	Grid 9 M4 25.41 dBV/m



0 dB = 20.33 V/m = 26.16 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 = 27.84 V/m; Power Drift = 0.08 dB

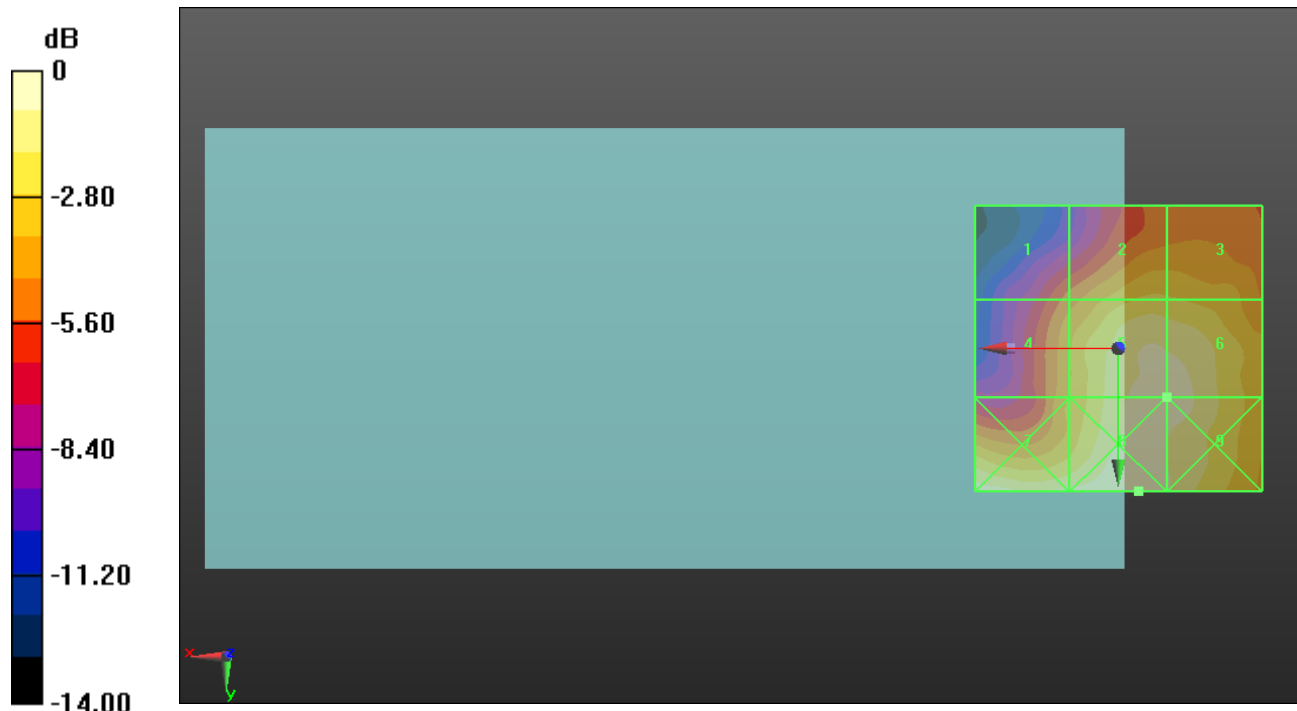
Applied MIF = -1.44 dB

RF audio interference level = 25.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.93 dBV/m	Grid 2 M4 23.49 dBV/m	Grid 3 M4 23.4 dBV/m
Grid 4 M4 22.4 dBV/m	Grid 5 M4 25.53 dBV/m	Grid 6 M4 25.53 dBV/m
Grid 7 M4 25.62 dBV/m	Grid 8 M4 26.02 dBV/m	Grid 9 M4 25.55 dBV/m



0 dB = 20.01 V/m = 26.02 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 = 31.30 V/m; Power Drift = 0.07 dB

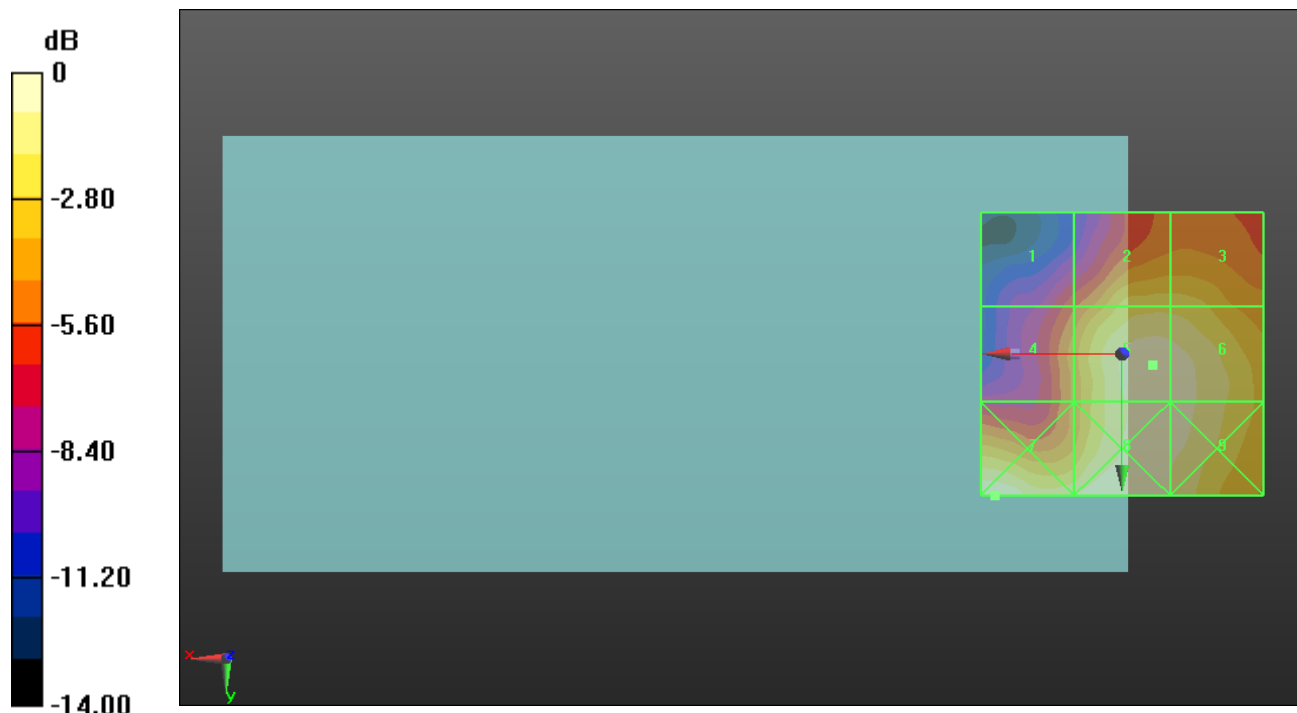
Applied MIF = -1.44 dB

RF audio interference level = 26.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.93 dBV/m	Grid 2 M4 24.53 dBV/m	Grid 3 M4 24.5 dBV/m
Grid 4 M4 22.64 dBV/m	Grid 5 M4 26.45 dBV/m	Grid 6 M4 26.31 dBV/m
Grid 7 M4 26.7 dBV/m	Grid 8 M4 26.65 dBV/m	Grid 9 M4 26.17 dBV/m



0 dB = 21.62 V/m = 26.70 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 = 35.67 V/m; Power Drift = 0.02 dB

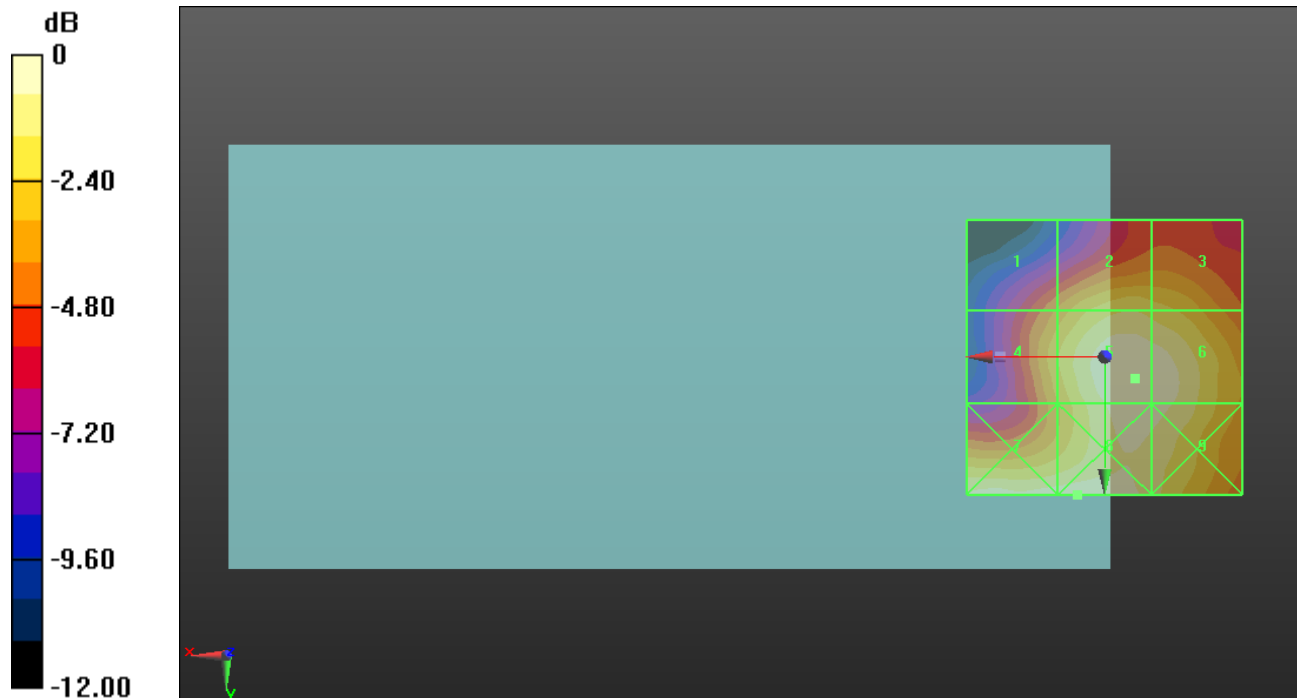
Applied MIF = -1.44 dB

RF audio interference level = 27.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.58 dBV/m	Grid 2 M4 25.78 dBV/m	Grid 3 M4 25.46 dBV/m
Grid 4 M4 24.97 dBV/m	Grid 5 M4 27.31 dBV/m	Grid 6 M4 27.25 dBV/m
Grid 7 M4 27.26 dBV/m	Grid 8 M4 27.38 dBV/m	Grid 9 M4 26.97 dBV/m



0 dB = 23.40 V/m = 27.38 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.92 V/m; Power Drift = 0.07 dB

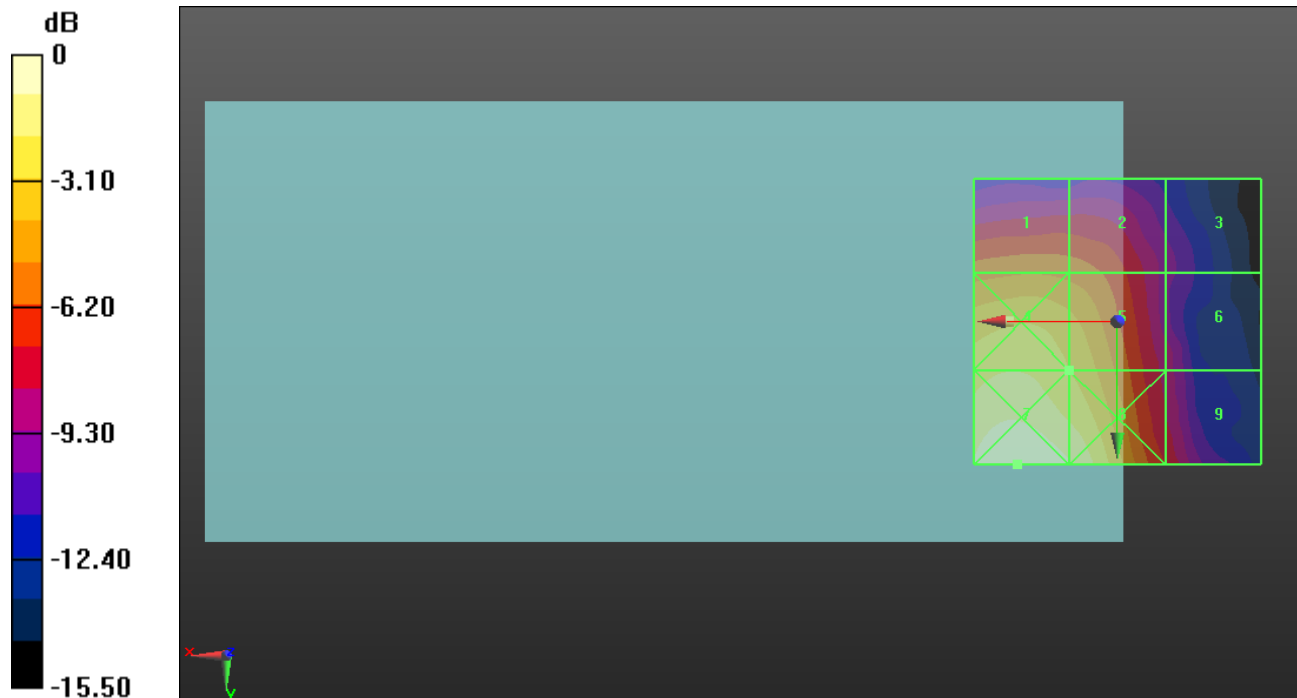
Applied MIF = -2.02 dB

RF audio interference level = 25.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.72 dBV/m	Grid 2 M4 23.47 dBV/m	Grid 3 M4 19.22 dBV/m
Grid 4 M4 26.85 dBV/m	Grid 5 M4 25.86 dBV/m	Grid 6 M4 20.24 dBV/m
Grid 7 M4 28.93 dBV/m	Grid 8 M4 28.06 dBV/m	Grid 9 M4 21.69 dBV/m



0 dB = 27.96 V/m = 28.93 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 = 24.07 V/m; Power Drift = -0.13 dB

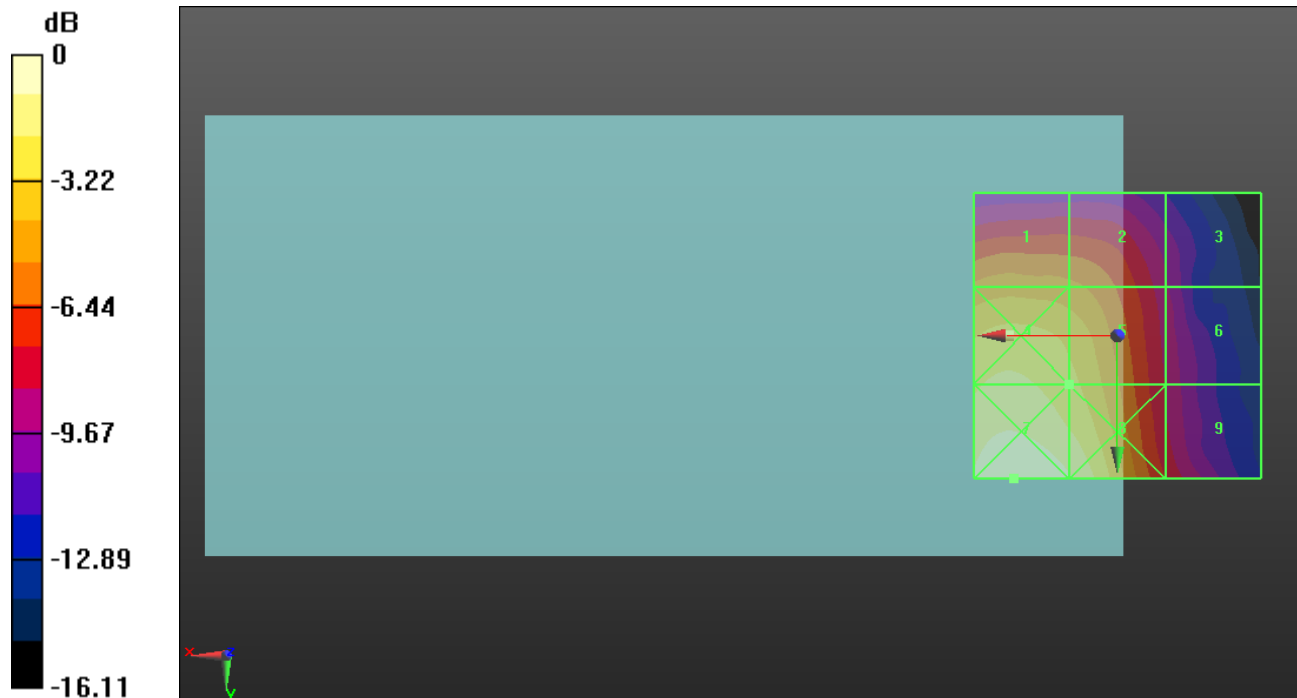
Applied MIF = -2.02 dB

RF audio interference level = 26.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.81 dBV/m	Grid 2 M4 24.46 dBV/m	Grid 3 M4 20.03 dBV/m
Grid 4 M4 27.58 dBV/m	Grid 5 M4 26.64 dBV/m	Grid 6 M4 20.83 dBV/m
Grid 7 M4 29.5 dBV/m	Grid 8 M4 28.6 dBV/m	Grid 9 M4 22.03 dBV/m



0 dB = 29.85 V/m = 29.50 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 = 22.76 V/m; Power Drift = -0.02 dB

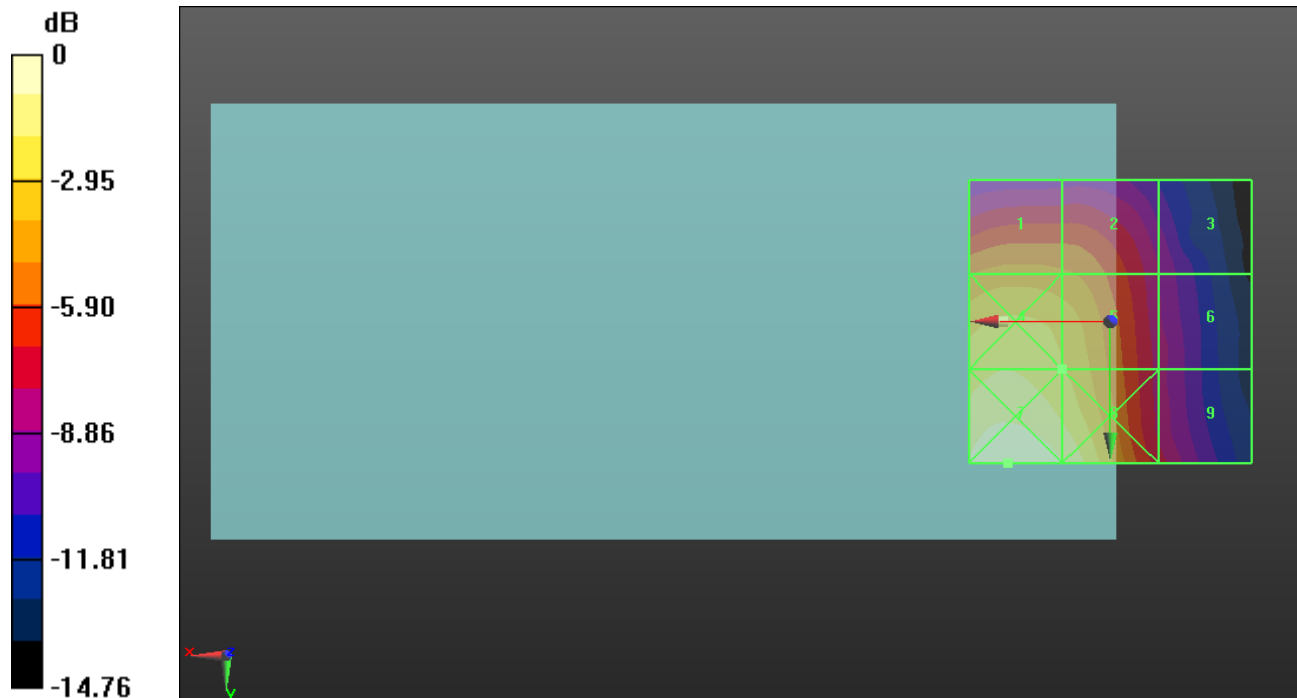
Applied MIF = -2.02 dB

RF audio interference level = 26.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.38 dBV/m	Grid 2 M4 24.12 dBV/m	Grid 3 M4 20.11 dBV/m
Grid 4 M4 26.9 dBV/m	Grid 5 M4 26.03 dBV/m	Grid 6 M4 20.64 dBV/m
Grid 7 M4 28.85 dBV/m	Grid 8 M4 27.93 dBV/m	Grid 9 M4 21.58 dBV/m



0 dB = 27.72 V/m = 28.86 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 = 19.93 V/m; Power Drift = -0.07 dB

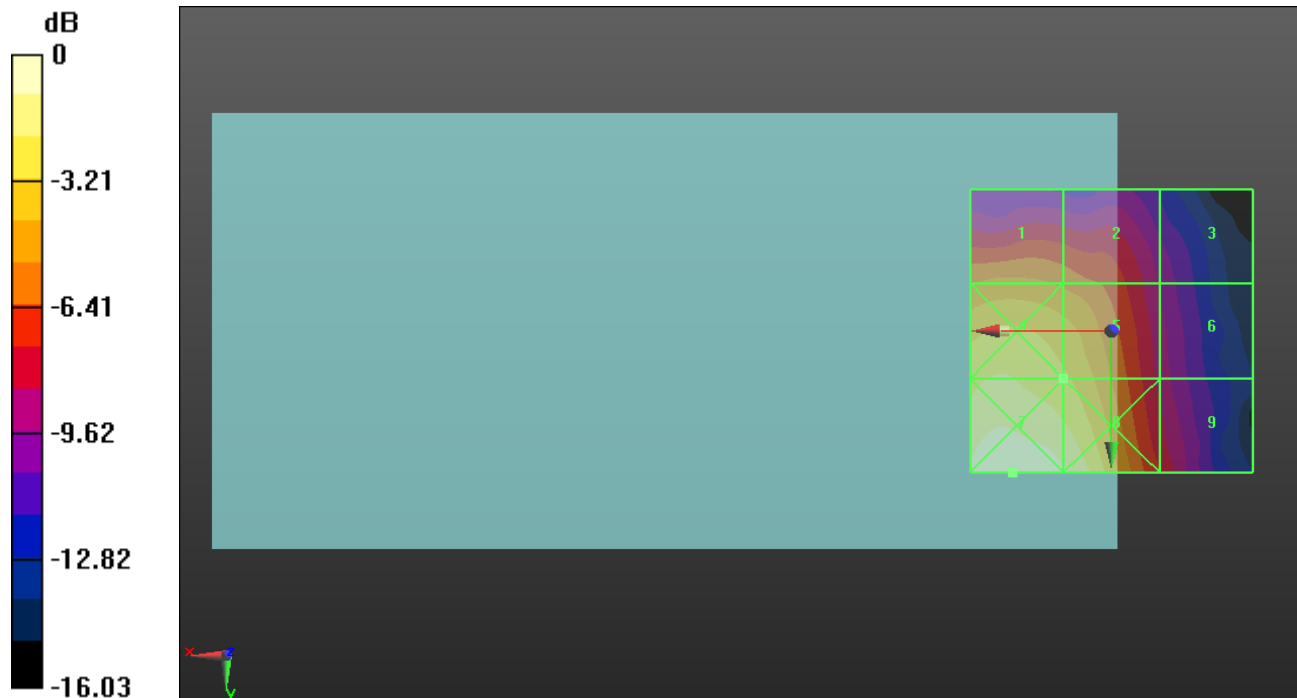
Applied MIF = 0.12 dB

RF audio interference level = 27.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.37 dBV/m	Grid 2 M4 24.82 dBV/m	Grid 3 M4 20.71 dBV/m
Grid 4 M4 28.36 dBV/m	Grid 5 M4 27.4 dBV/m	Grid 6 M4 21.57 dBV/m
Grid 7 M3 30.38 dBV/m	Grid 8 M4 29.5 dBV/m	Grid 9 M4 23.05 dBV/m



0 dB = 33.04 V/m = 30.38 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 = 21.96 V/m; Power Drift = -0.01 dB

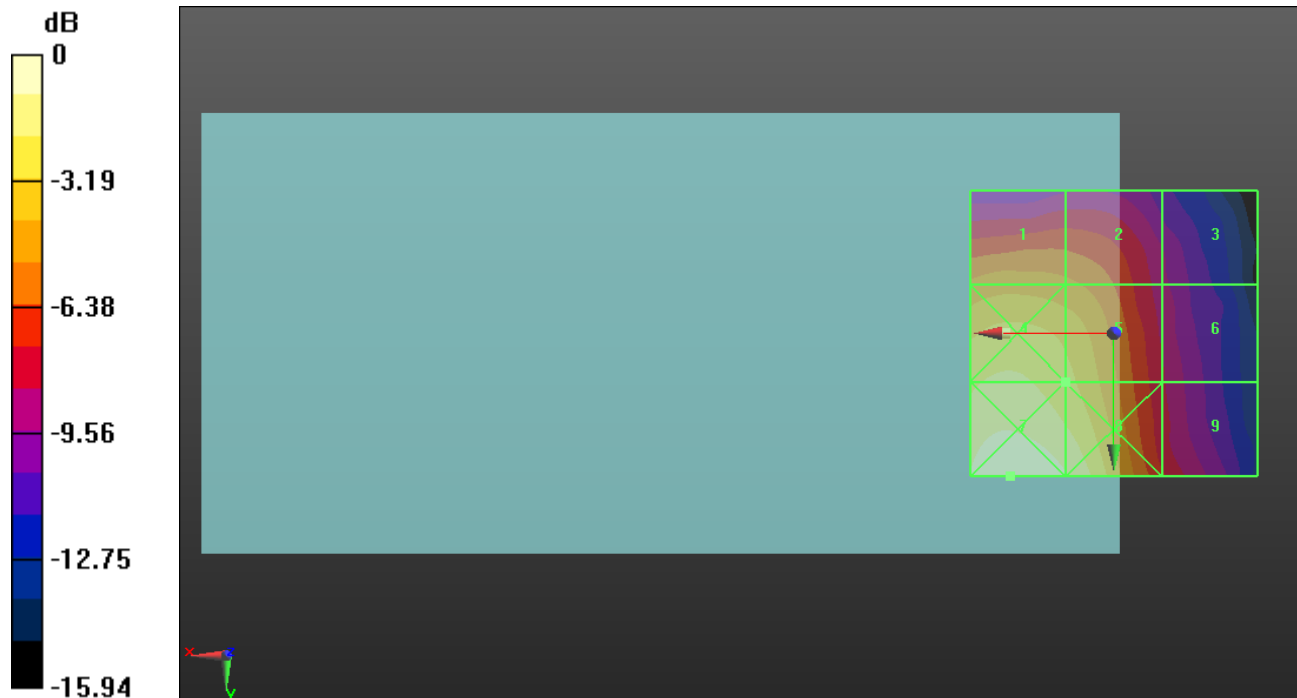
Applied MIF = 0.12 dB

RF audio interference level = 28.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.26 dBV/m	Grid 2 M4 25.88 dBV/m	Grid 3 M4 21.71 dBV/m
Grid 4 M4 28.96 dBV/m	Grid 5 M4 28.05 dBV/m	Grid 6 M4 22.57 dBV/m
Grid 7 M3 30.88 dBV/m	Grid 8 M4 29.97 dBV/m	Grid 9 M4 23.65 dBV/m



0 dB = 34.99 V/m = 30.88 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 = 21.28 V/m; Power Drift = -0.03 dB

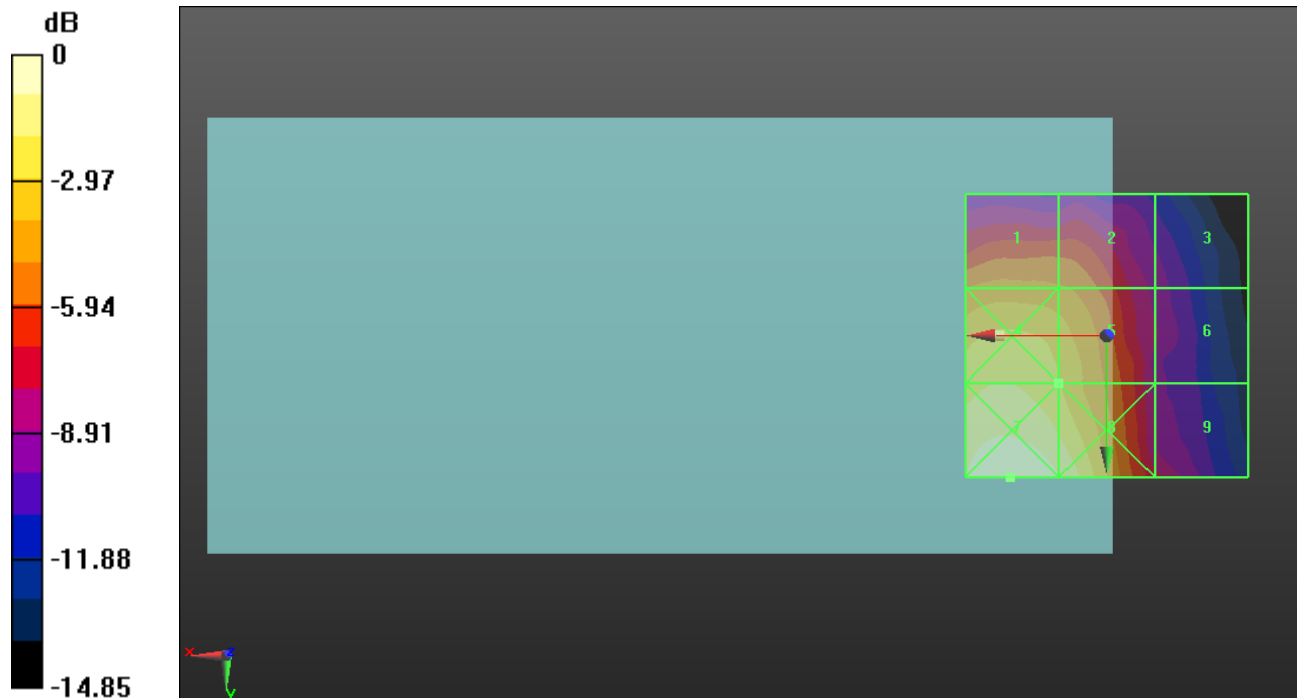
Applied MIF = 0.12 dB

RF audio interference level = 27.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.87 dBV/m	Grid 2 M4 25.6 dBV/m	Grid 3 M4 21.23 dBV/m
Grid 4 M4 28.47 dBV/m	Grid 5 M4 27.54 dBV/m	Grid 6 M4 21.68 dBV/m
Grid 7 M3 30.41 dBV/m	Grid 8 M4 29.51 dBV/m	Grid 9 M4 22.95 dBV/m



0 dB = 33.16 V/m = 30.41 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 40/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.826 V/m; Power Drift = -0.28 dB

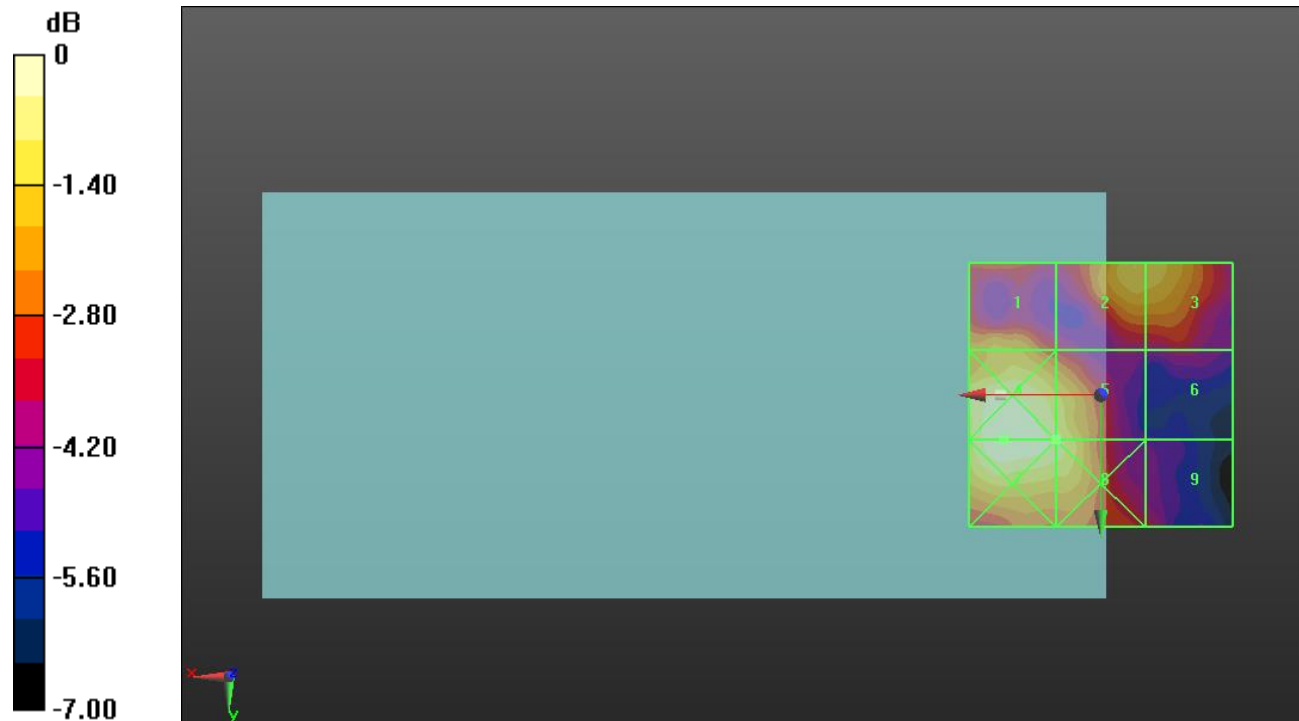
Applied MIF = -3.15 dB

RF audio interference level = 15.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.43 dBV/m	Grid 2 M4 15.21 dBV/m	Grid 3 M4 15.07 dBV/m
Grid 4 M4 16.14 dBV/m	Grid 5 M4 15.44 dBV/m	Grid 6 M4 12.39 dBV/m
Grid 7 M4 16.14 dBV/m	Grid 8 M4 15.47 dBV/m	Grid 9 M4 12.73 dBV/m



0 dB = 6.409 V/m = 16.14 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 = 7.147 V/m; Power Drift = -0.30 dB

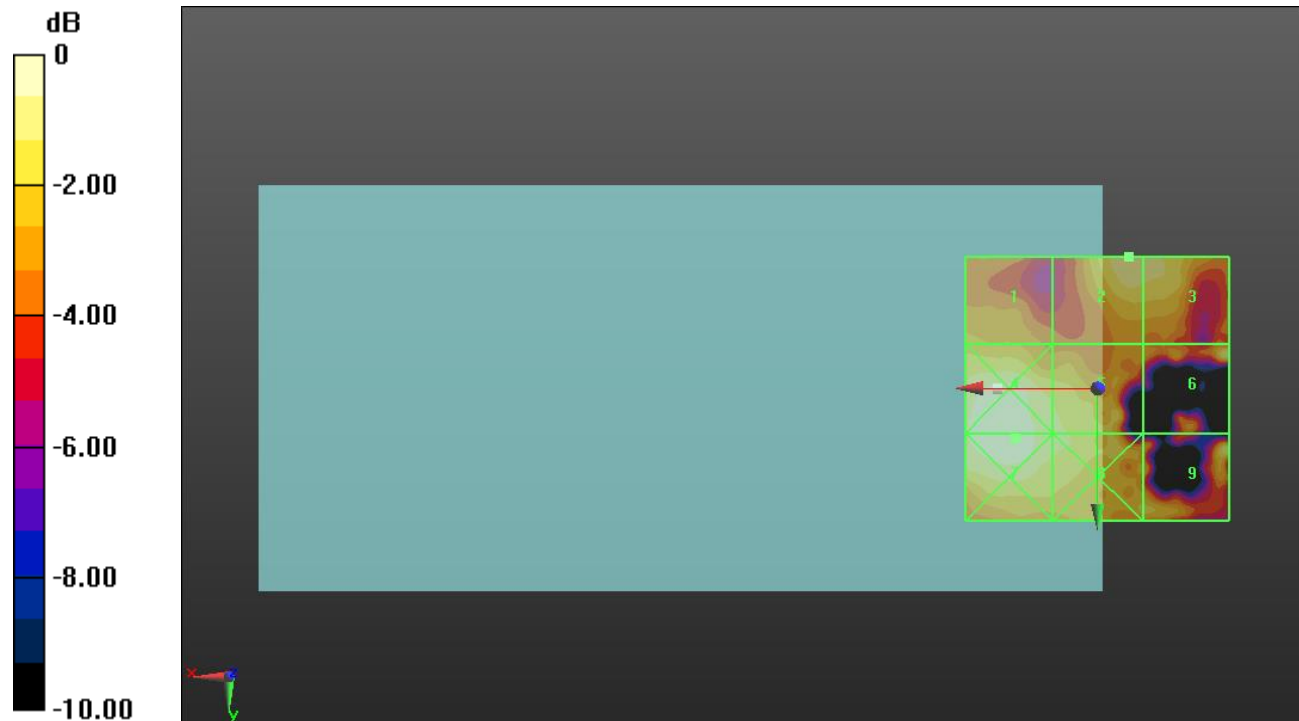
Applied MIF = -3.15 dB

RF audio interference level = 15.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.04 dBV/m	Grid 2 M4 15.62 dBV/m	Grid 3 M4 15.37 dBV/m
Grid 4 M4 16.32 dBV/m	Grid 5 M4 15.21 dBV/m	Grid 6 M4 15.53 dBV/m
Grid 7 M4 16.37 dBV/m	Grid 8 M4 15.21 dBV/m	Grid 9 M4 15.56 dBV/m



HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 48/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.170 V/m; Power Drift = 0.07 dB

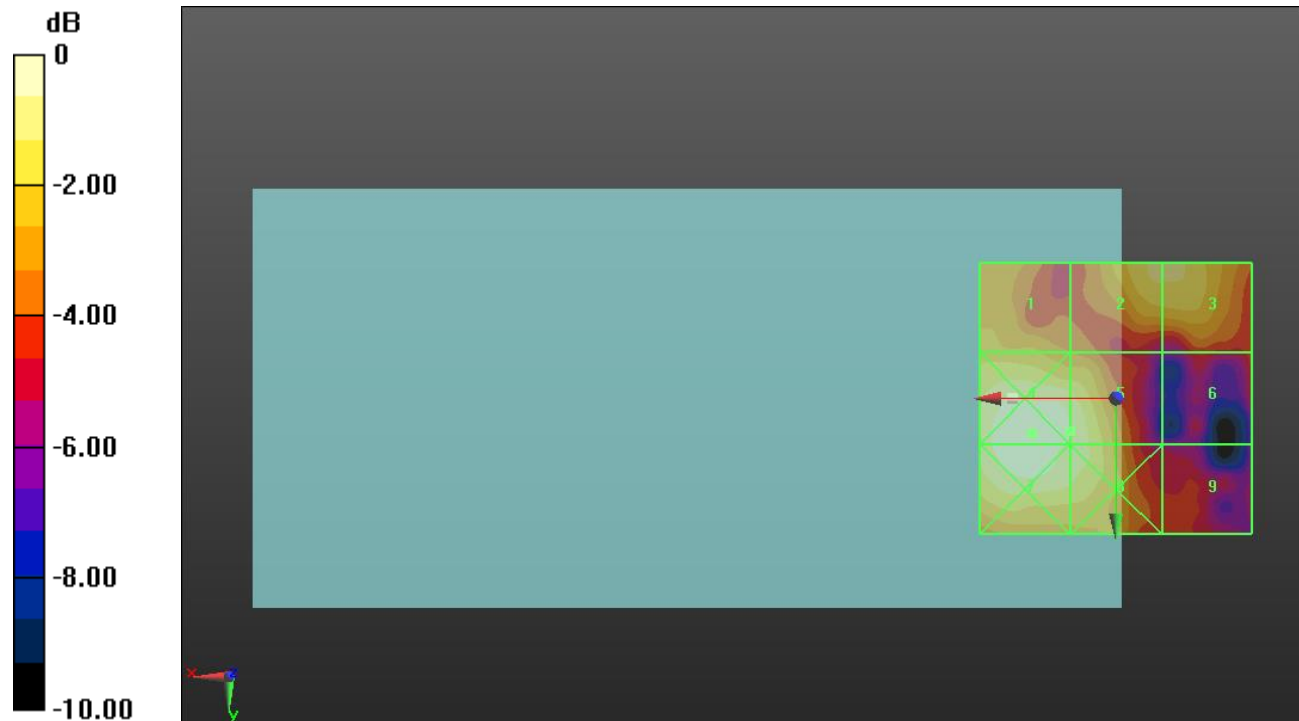
Applied MIF = -3.15 dB

RF audio interference level = 15.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.37 dBV/m	Grid 2 M4 15.46 dBV/m	Grid 3 M4 15.47 dBV/m
Grid 4 M4 16.49 dBV/m	Grid 5 M4 15.85 dBV/m	Grid 6 M4 12.35 dBV/m
Grid 7 M4 16.44 dBV/m	Grid 8 M4 15.69 dBV/m	Grid 9 M4 12.46 dBV/m



0 dB = 6.673 V/m = 16.49 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 52/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.947 V/m; Power Drift = 0.16 dB

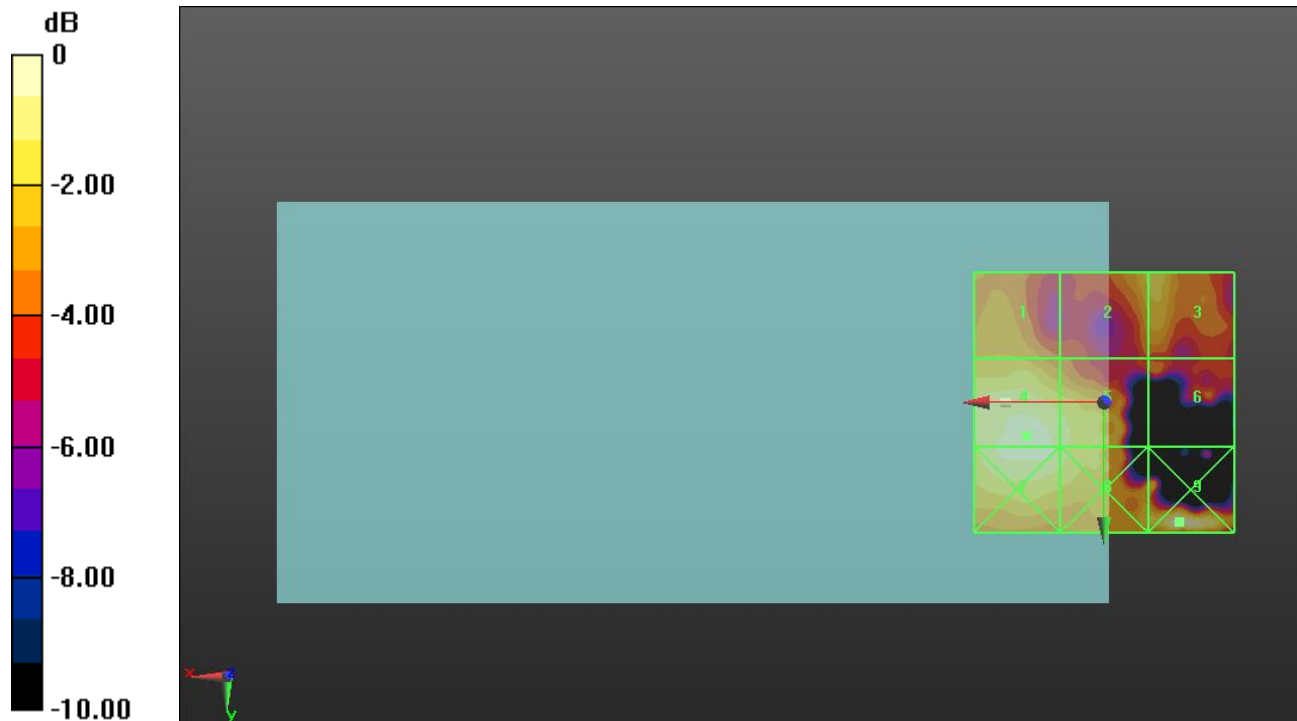
Applied MIF = -3.15 dB

RF audio interference level = 16.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.99 dBV/m	Grid 2 M4 15.08 dBV/m	Grid 3 M4 15.26 dBV/m
Grid 4 M4 16.15 dBV/m	Grid 5 M4 15.66 dBV/m	Grid 6 M4 13.3 dBV/m
Grid 7 M4 16.08 dBV/m	Grid 8 M4 15.67 dBV/m	Grid 9 M4 16.55 dBV/m



0 dB = 6.724 V/m = 16.55 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 = 9.274 V/m; Power Drift = -0.09 dB

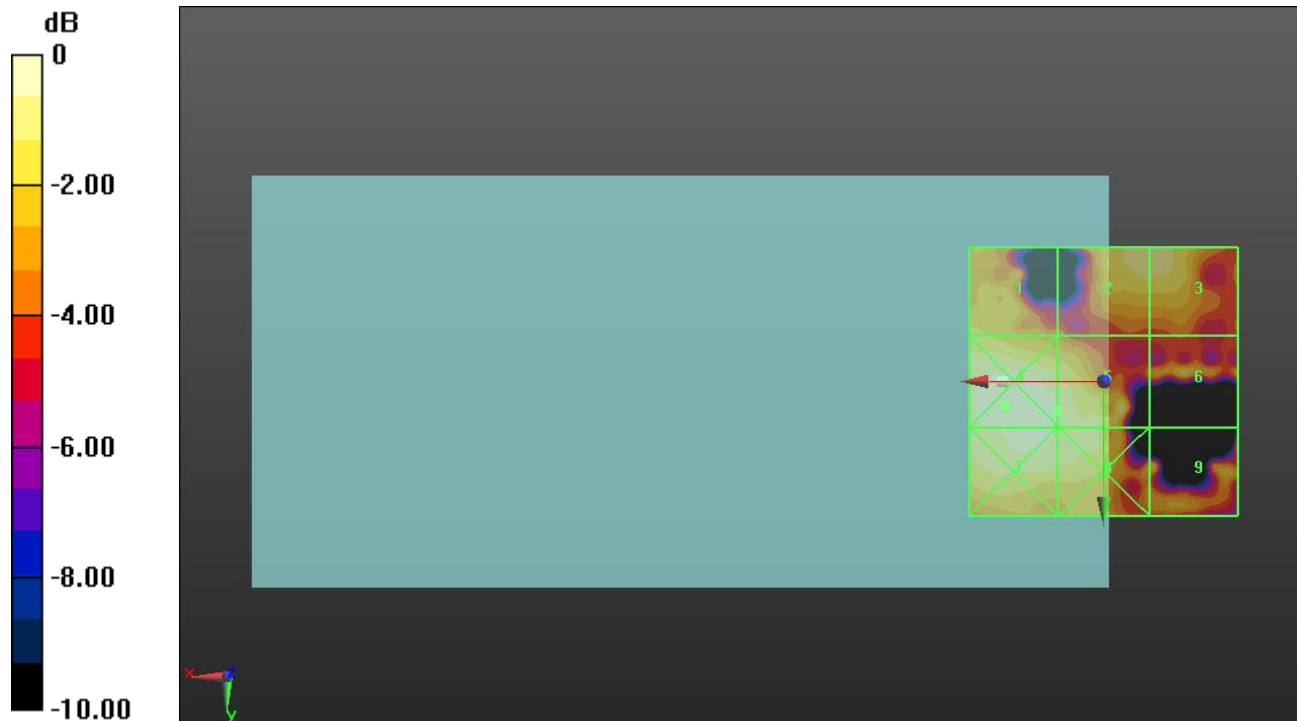
Applied MIF = -3.15 dB

RF audio interference level = 15.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.07 dBV/m	Grid 2 M4 14.83 dBV/m	Grid 3 M4 14.83 dBV/m
Grid 4 M4 15.84 dBV/m	Grid 5 M4 15.29 dBV/m	Grid 6 M4 14.11 dBV/m
Grid 7 M4 15.66 dBV/m	Grid 8 M4 15.16 dBV/m	Grid 9 M4 14.03 dBV/m



0 dB = 6.197 V/m = 15.84 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 = 7.670 V/m; Power Drift = -0.25 dB

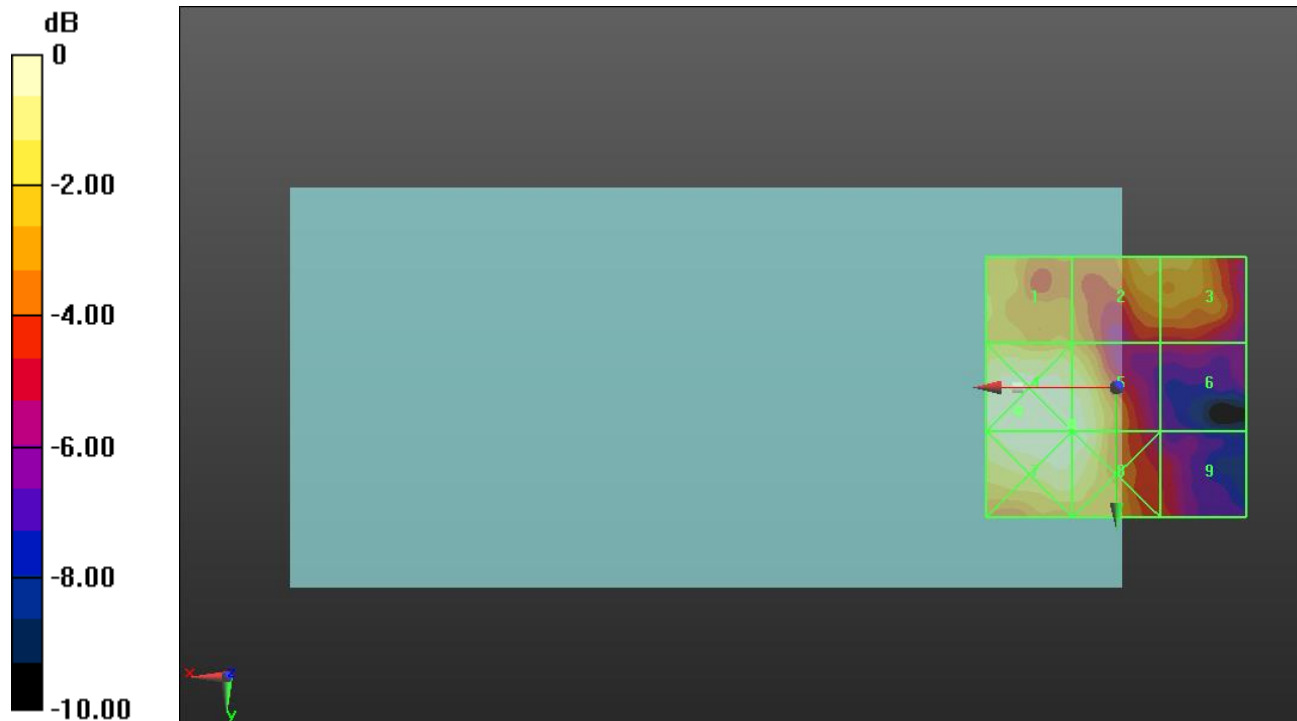
Applied MIF = -3.15 dB

RF audio interference level = 15.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.46 dBV/m	Grid 2 M4 14.8 dBV/m	Grid 3 M4 14.69 dBV/m
Grid 4 M4 16.24 dBV/m	Grid 5 M4 15.94 dBV/m	Grid 6 M4 11.22 dBV/m
Grid 7 M4 16.02 dBV/m	Grid 8 M4 15.88 dBV/m	Grid 9 M4 12.08 dBV/m



0 dB = 6.483 V/m = 16.24 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 = 8.667 V/m; Power Drift = -0.02 dB

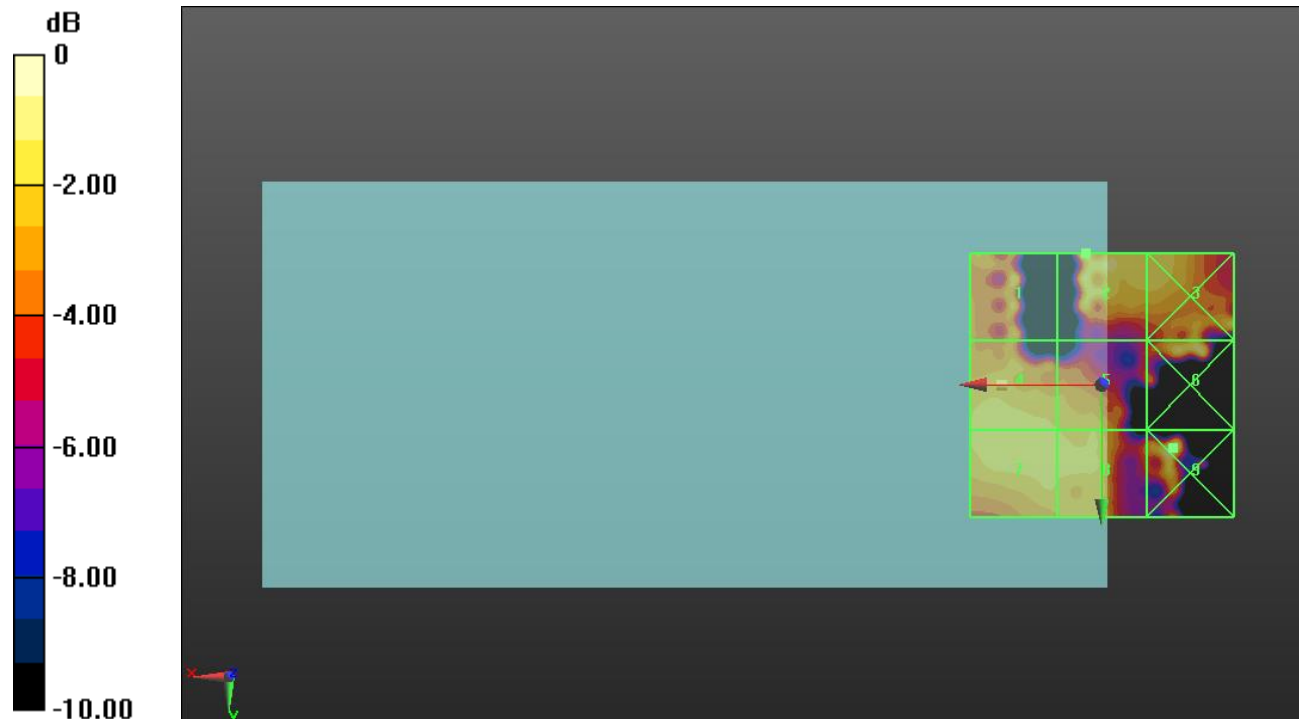
Applied MIF = -3.15 dB

RF audio interference level = 16.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.5 dBV/m	Grid 2 M4 16.67 dBV/m	Grid 3 M4 16.05 dBV/m
Grid 4 M4 15.81 dBV/m	Grid 5 M4 15.51 dBV/m	Grid 6 M4 16.59 dBV/m
Grid 7 M4 15.85 dBV/m	Grid 8 M4 15.75 dBV/m	Grid 9 M4 17.47 dBV/m



0 dB = 7.473 V/m = 17.47 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 = 8.962 V/m; Power Drift = 0.18 dB

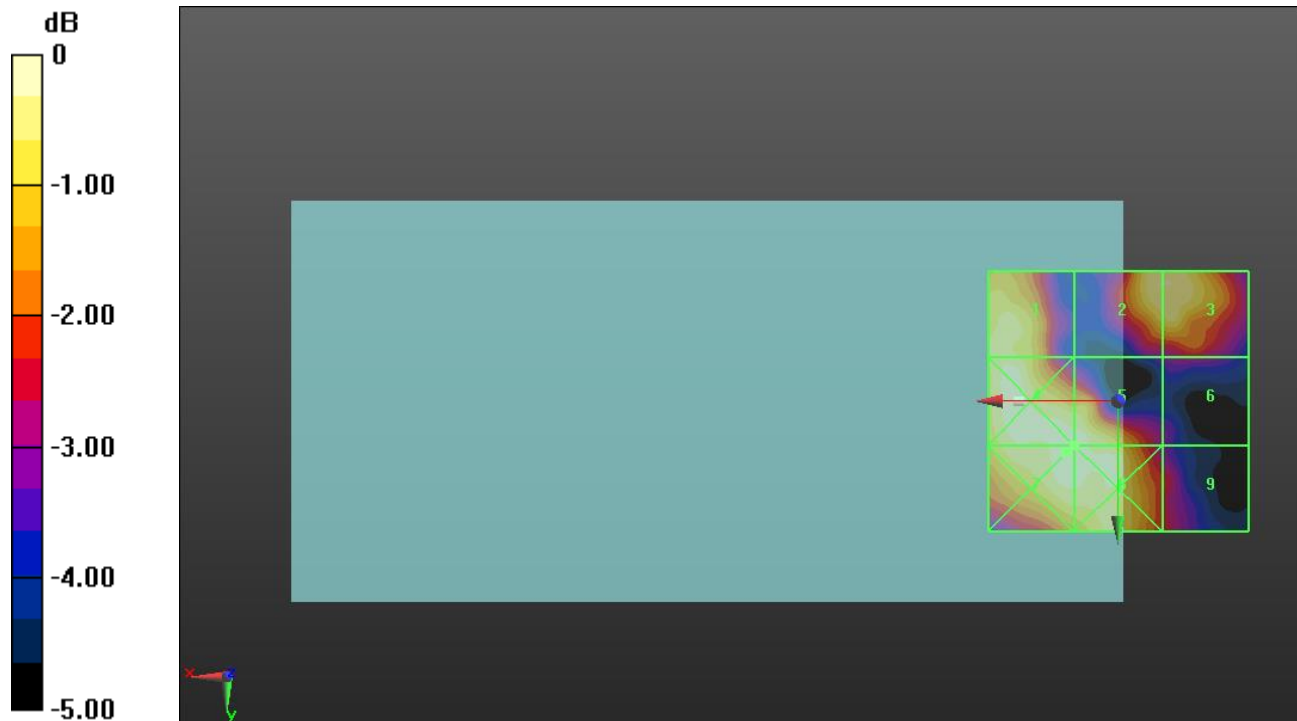
Applied MIF = -3.15 dB

RF audio interference level = 16.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.66 dBV/m	Grid 2 M4 15.77 dBV/m	Grid 3 M4 15.77 dBV/m
Grid 4 M4 16.04 dBV/m	Grid 5 M4 16 dBV/m	Grid 6 M4 13.42 dBV/m
Grid 7 M4 16.09 dBV/m	Grid 8 M4 16.05 dBV/m	Grid 9 M4 13.87 dBV/m



0 dB = 6.377 V/m = 16.09 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 = 9.540 V/m; Power Drift = 0.07 dB

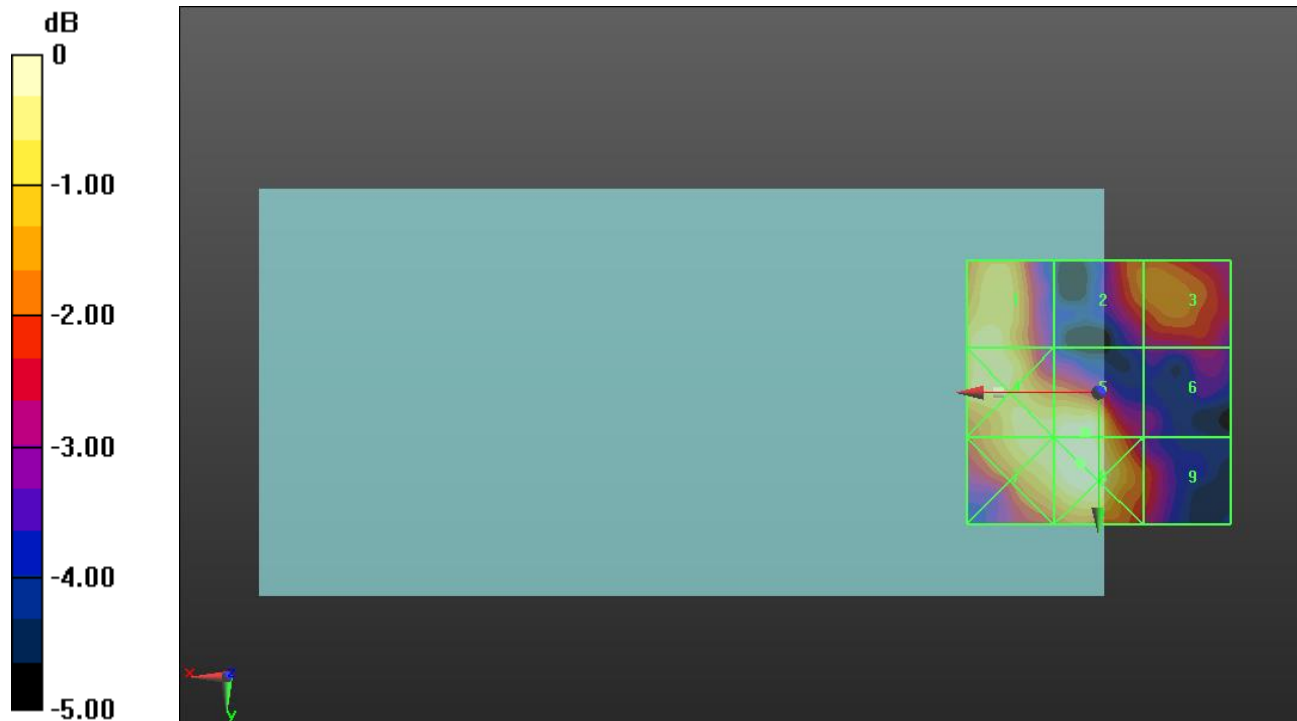
Applied MIF = -3.15 dB

RF audio interference level = 16.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.86 dBV/m	Grid 2 M4 14.72 dBV/m	Grid 3 M4 14.92 dBV/m
Grid 4 M4 15.87 dBV/m	Grid 5 M4 16.13 dBV/m	Grid 6 M4 13.59 dBV/m
Grid 7 M4 15.88 dBV/m	Grid 8 M4 16.25 dBV/m	Grid 9 M4 14.3 dBV/m



0 dB = 6.496 V/m = 16.25 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 = 9.446 V/m; Power Drift = 0.14 dB

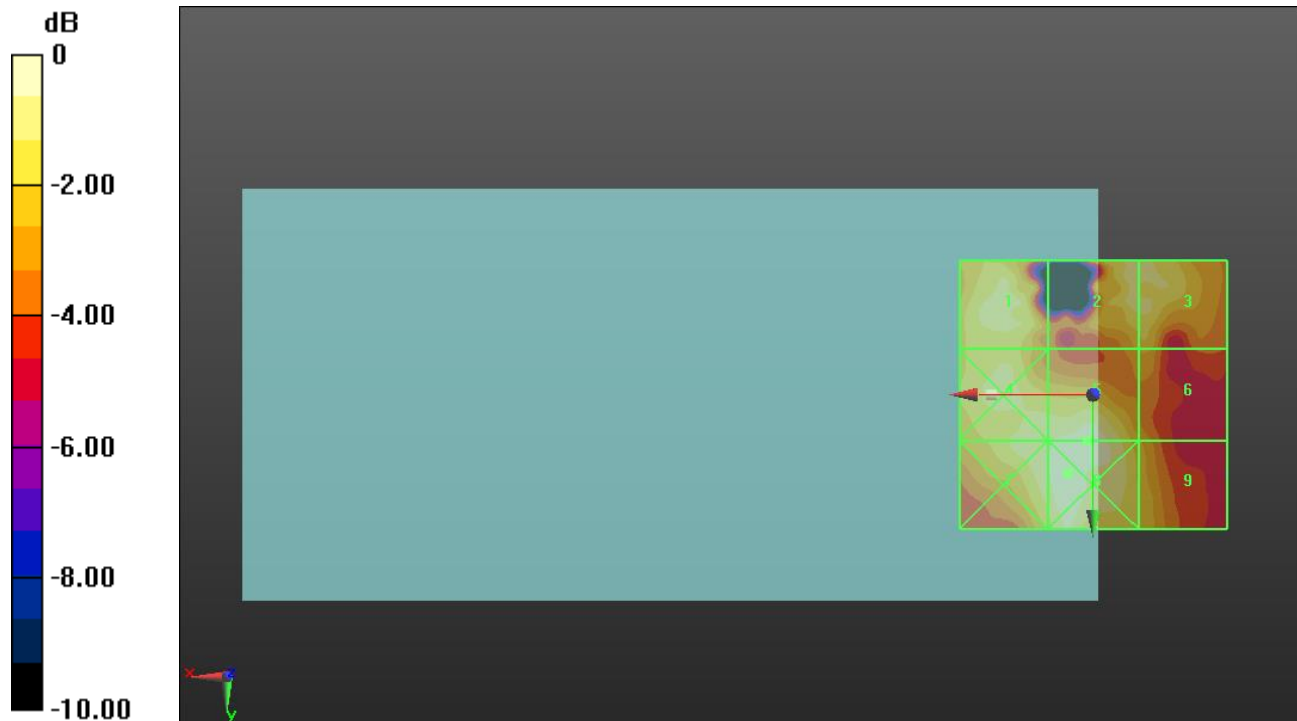
Applied MIF = -3.15 dB

RF audio interference level = 16.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.04 dBV/m	Grid 2 M4 15.61 dBV/m	Grid 3 M4 15.53 dBV/m
Grid 4 M4 15.93 dBV/m	Grid 5 M4 16.55 dBV/m	Grid 6 M4 14.3 dBV/m
Grid 7 M4 16.05 dBV/m	Grid 8 M4 16.72 dBV/m	Grid 9 M4 14.77 dBV/m



0 dB = 6.854 V/m = 16.72 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 = 8.587 V/m; Power Drift = -0.04 dB

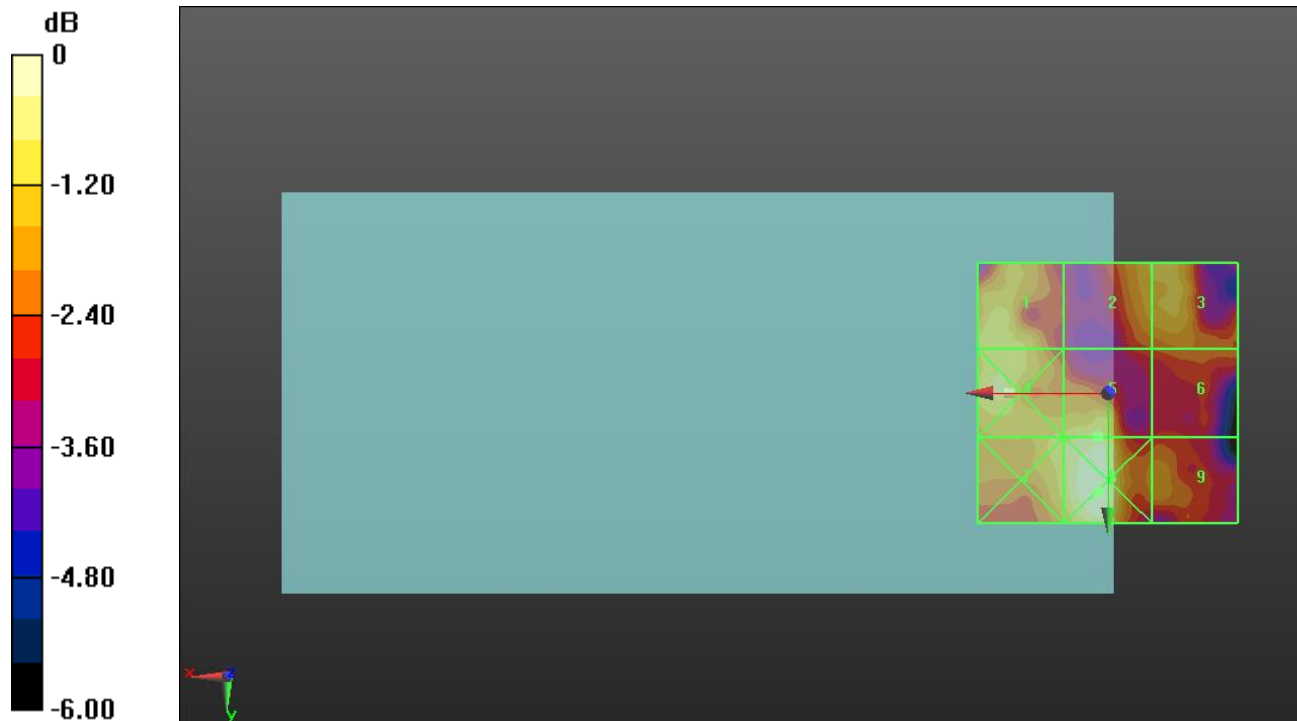
Applied MIF = -3.15 dB

RF audio interference level = 16.45 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.19 dBV/m	Grid 2 M4 15.87 dBV/m	Grid 3 M4 16.01 dBV/m
Grid 4 M4 16.3 dBV/m	Grid 5 M4 16.45 dBV/m	Grid 6 M4 15.01 dBV/m
Grid 7 M4 16.19 dBV/m	Grid 8 M4 17.01 dBV/m	Grid 9 M4 15.36 dBV/m



0 dB = 7.085 V/m = 17.01 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 = 7.307 V/m; Power Drift = -0.05 dB

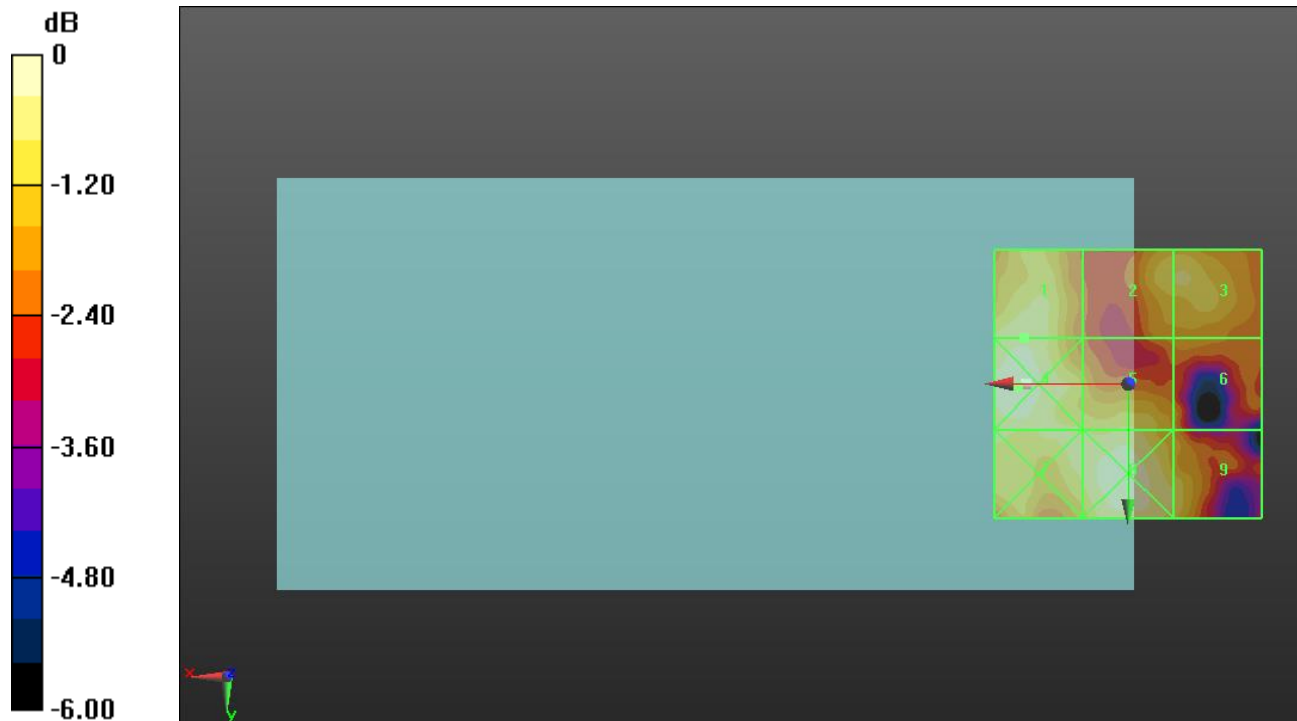
Applied MIF = -3.15 dB

RF audio interference level = 15.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.37 dBV/m	Grid 2 M4 15.06 dBV/m	Grid 3 M4 15.13 dBV/m
Grid 4 M4 15.85 dBV/m	Grid 5 M4 15.15 dBV/m	Grid 6 M4 14.16 dBV/m
Grid 7 M4 15.28 dBV/m	Grid 8 M4 15.82 dBV/m	Grid 9 M4 15.05 dBV/m



0 dB = 6.202 V/m = 15.85 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.052 V/m; Power Drift = -0.02 dB

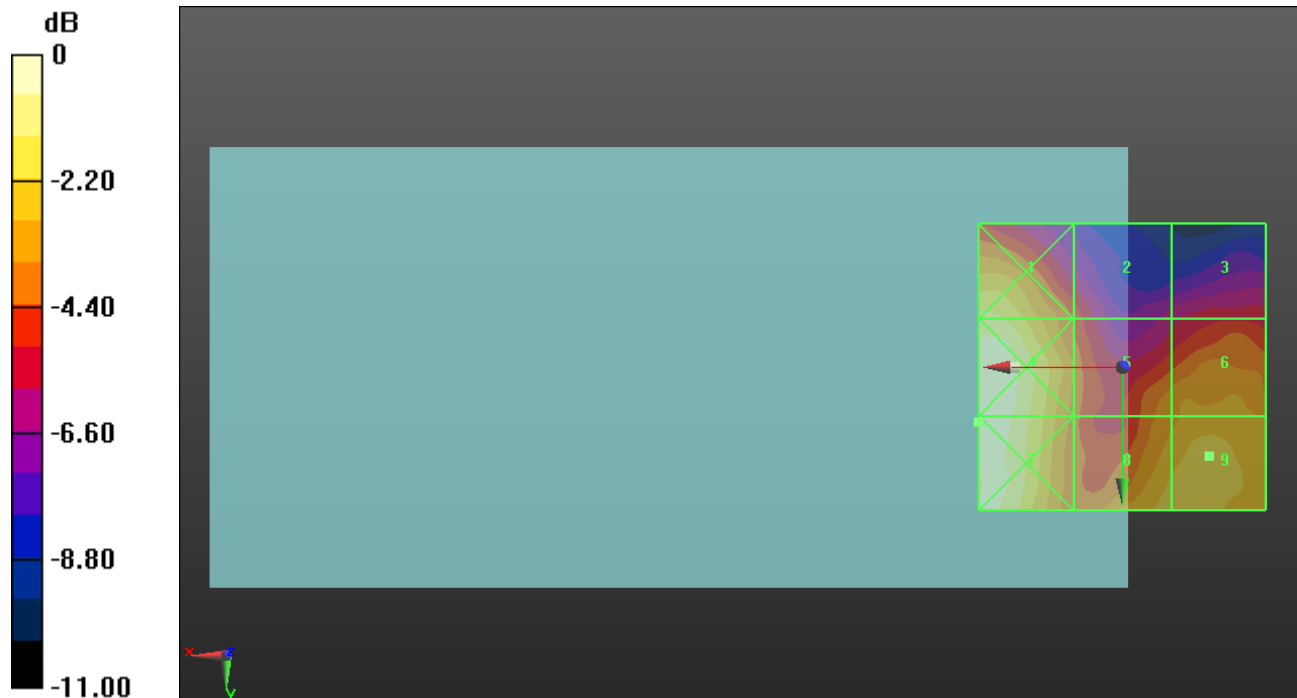
Applied MIF = -1.44 dB

RF audio interference level = 22.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.52 dBV/m	Grid 2 M4 19.19 dBV/m	Grid 3 M4 18.5 dBV/m
Grid 4 M4 23.72 dBV/m	Grid 5 M4 20.64 dBV/m	Grid 6 M4 21.1 dBV/m
Grid 7 M4 23.73 dBV/m	Grid 8 M4 21.95 dBV/m	Grid 9 M4 22.08 dBV/m



0 dB = 15.37 V/m = 23.73 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.094 V/m; Power Drift = -0.04 dB

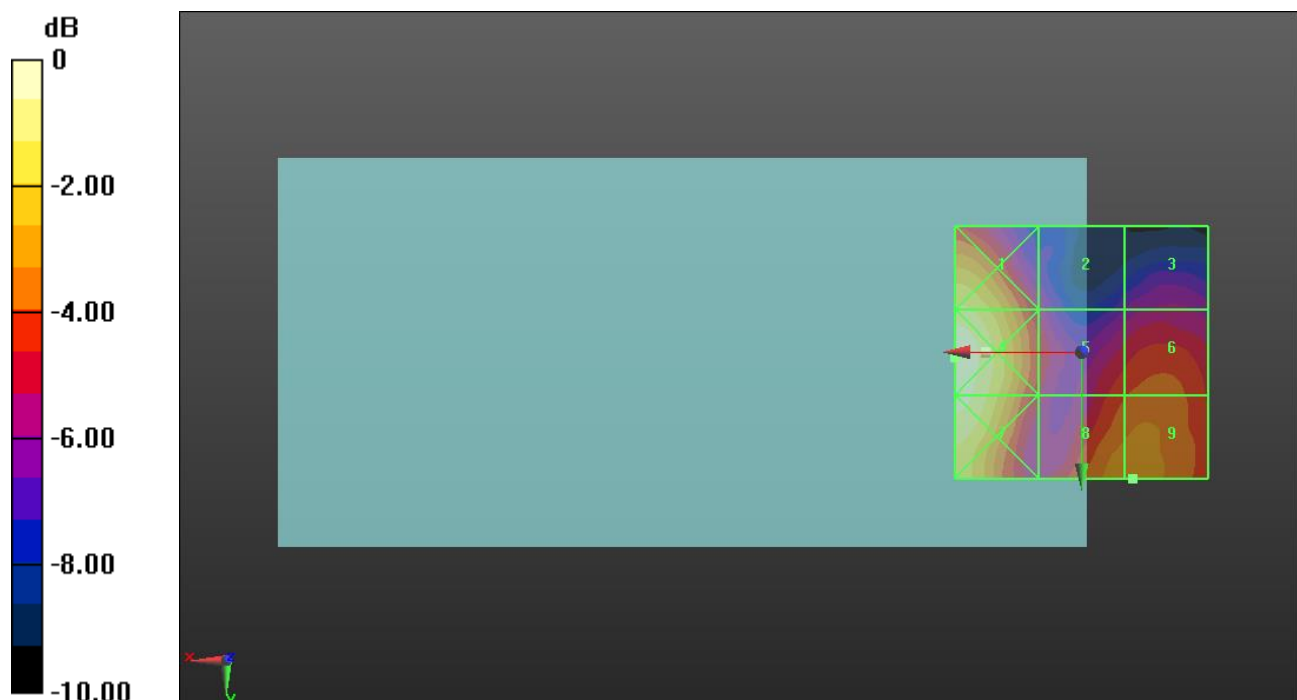
Applied MIF = -1.44 dB

RF audio interference level = 20.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.74 dBV/m	Grid 2 M4 18.42 dBV/m	Grid 3 M4 18.12 dBV/m
Grid 4 M4 23.9 dBV/m	Grid 5 M4 19.85 dBV/m	Grid 6 M4 20.24 dBV/m
Grid 7 M4 23.54 dBV/m	Grid 8 M4 20.94 dBV/m	Grid 9 M4 20.96 dBV/m



0 dB = 15.67 V/m = 23.90 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 = 10.08 V/m; Power Drift = -0.19 dB

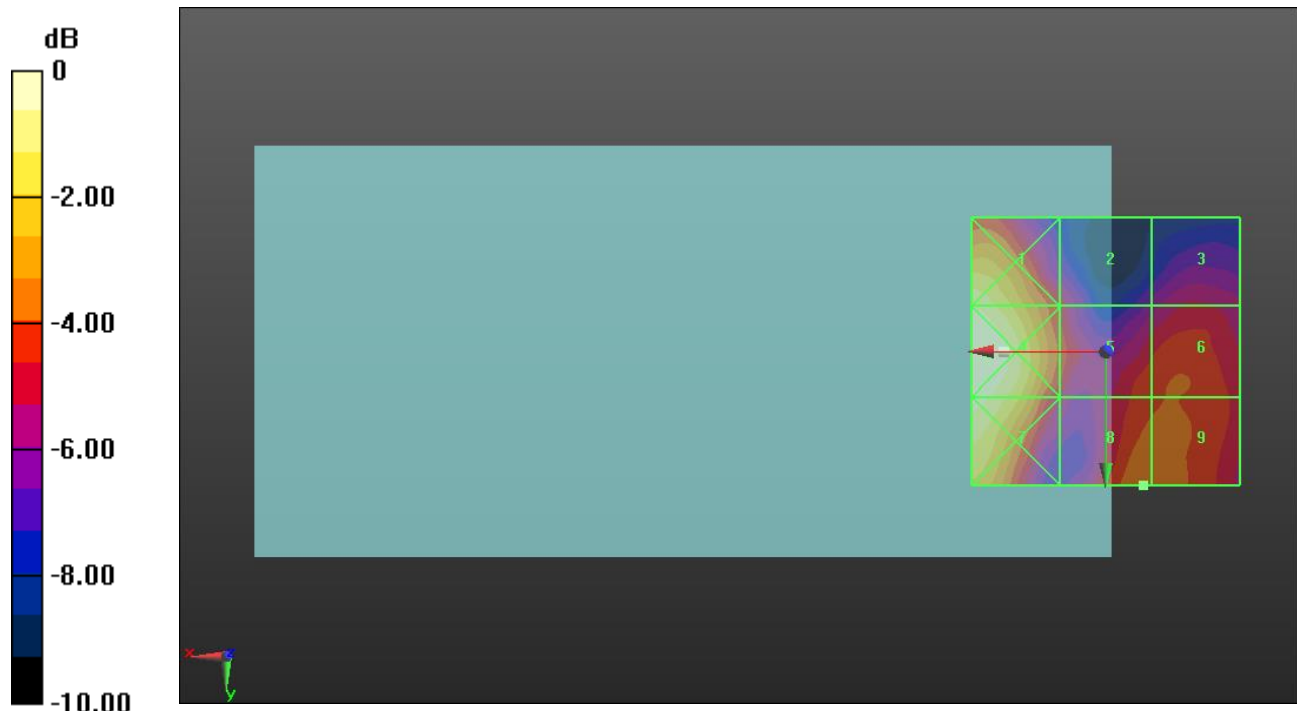
Applied MIF = -1.44 dB

RF audio interference level = 21.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.14 dBV/m	Grid 2 M4 19.91 dBV/m	Grid 3 M4 19.64 dBV/m
Grid 4 M4 24.81 dBV/m	Grid 5 M4 20.66 dBV/m	Grid 6 M4 20.87 dBV/m
Grid 7 M4 24.37 dBV/m	Grid 8 M4 21.44 dBV/m	Grid 9 M4 21.36 dBV/m



0 dB = 17.39 V/m = 24.81 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 = 10.58 V/m; Power Drift = -0.01 dB

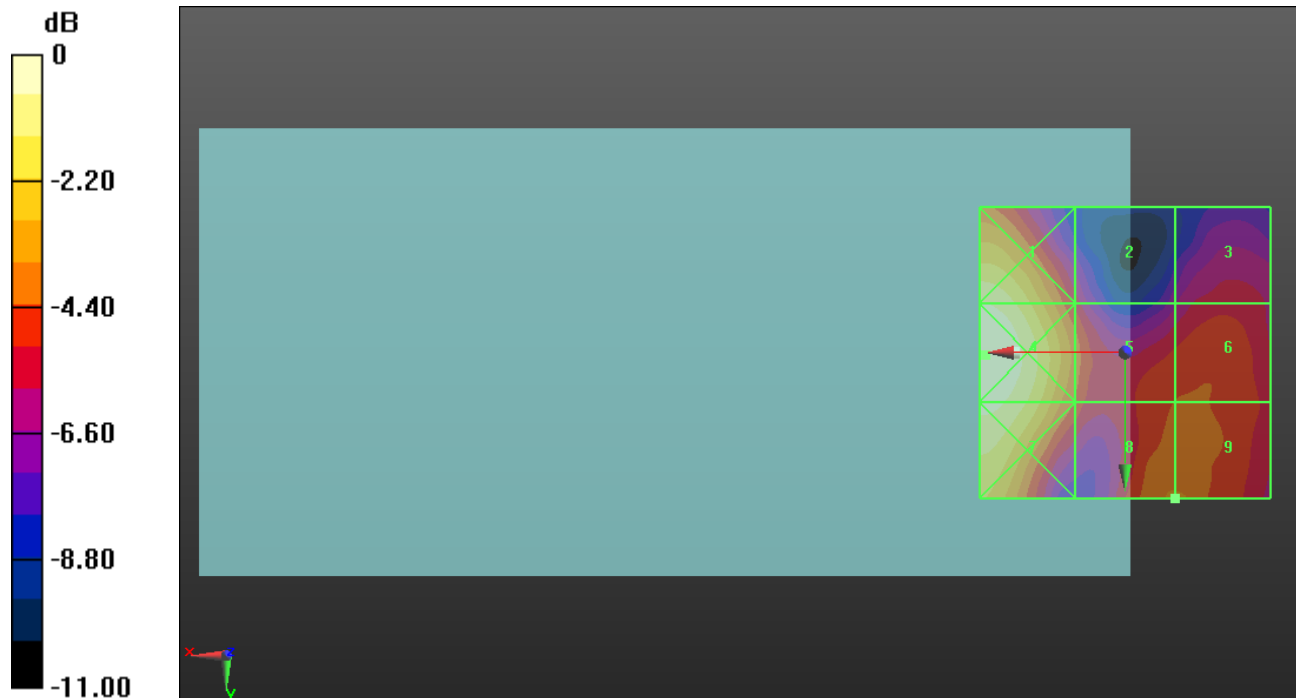
Applied MIF = -1.44 dB

RF audio interference level = 21.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.05 dBV/m	Grid 2 M4 19.36 dBV/m	Grid 3 M4 19.39 dBV/m
Grid 4 M4 24.77 dBV/m	Grid 5 M4 20.82 dBV/m	Grid 6 M4 20.5 dBV/m
Grid 7 M4 24.27 dBV/m	Grid 8 M4 21.19 dBV/m	Grid 9 M4 21.19 dBV/m



0 dB = 17.31 V/m = 24.77 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 = 18.26 V/m; Power Drift = -0.15 dB

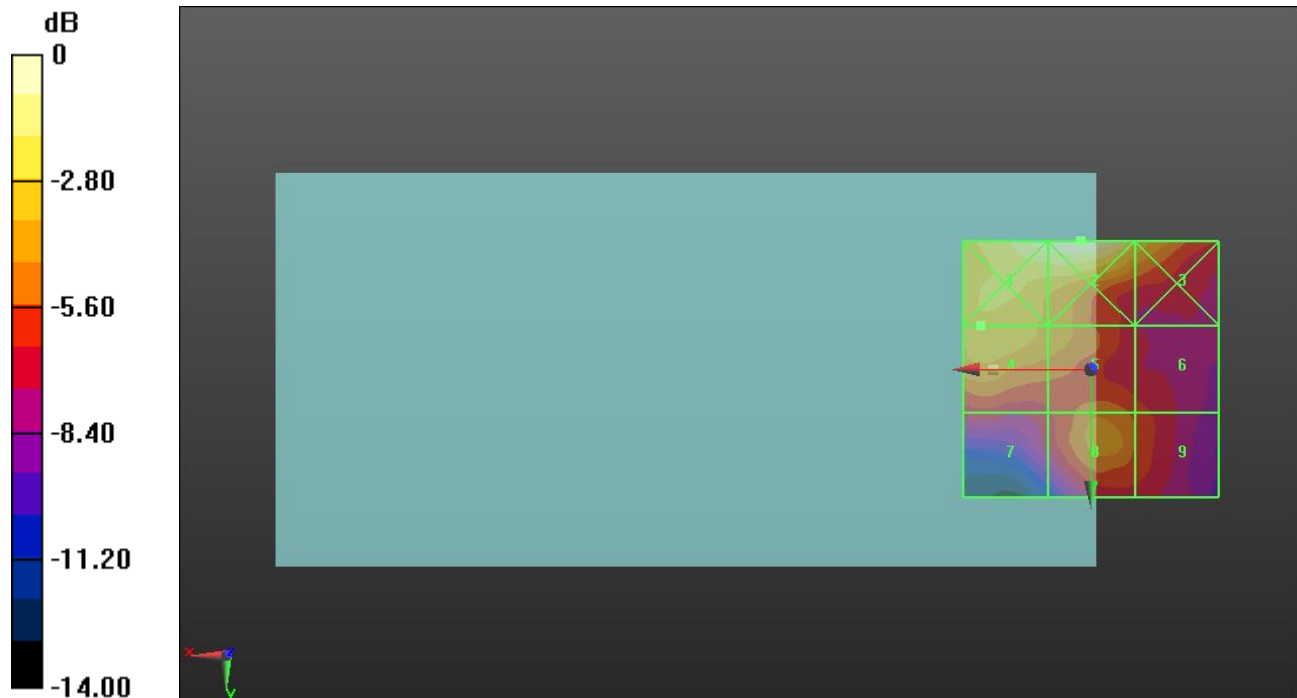
Applied MIF = -1.44 dB

RF audio interference level = 23.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.53 dBV/m	Grid 2 M4 26.68 dBV/m	Grid 3 M4 24.09 dBV/m
Grid 4 M4 23.75 dBV/m	Grid 5 M4 22.76 dBV/m	Grid 6 M4 20.83 dBV/m
Grid 7 M4 19.97 dBV/m	Grid 8 M4 22.49 dBV/m	Grid 9 M4 21.19 dBV/m



0 dB = 21.59 V/m = 26.69 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 = 19.74 V/m; Power Drift = -0.14 dB

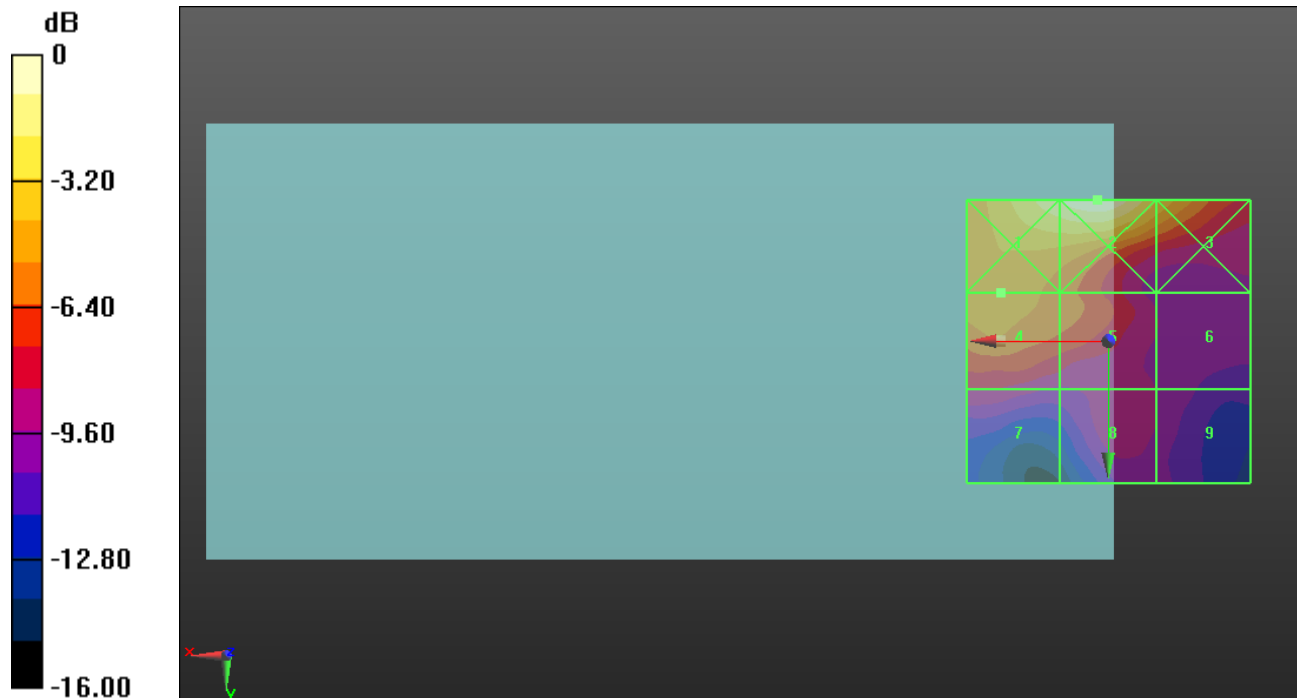
Applied MIF = -1.44 dB

RF audio interference level = 23.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.84 dBV/m	Grid 2 M4 27.85 dBV/m	Grid 3 M4 24.77 dBV/m
Grid 4 M4 23.16 dBV/m	Grid 5 M4 22.06 dBV/m	Grid 6 M4 18.34 dBV/m
Grid 7 M4 19.42 dBV/m	Grid 8 M4 19.26 dBV/m	Grid 9 M4 18.34 dBV/m



0 dB = 24.69 V/m = 27.85 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 = 21.63 V/m; Power Drift = -0.11 dB

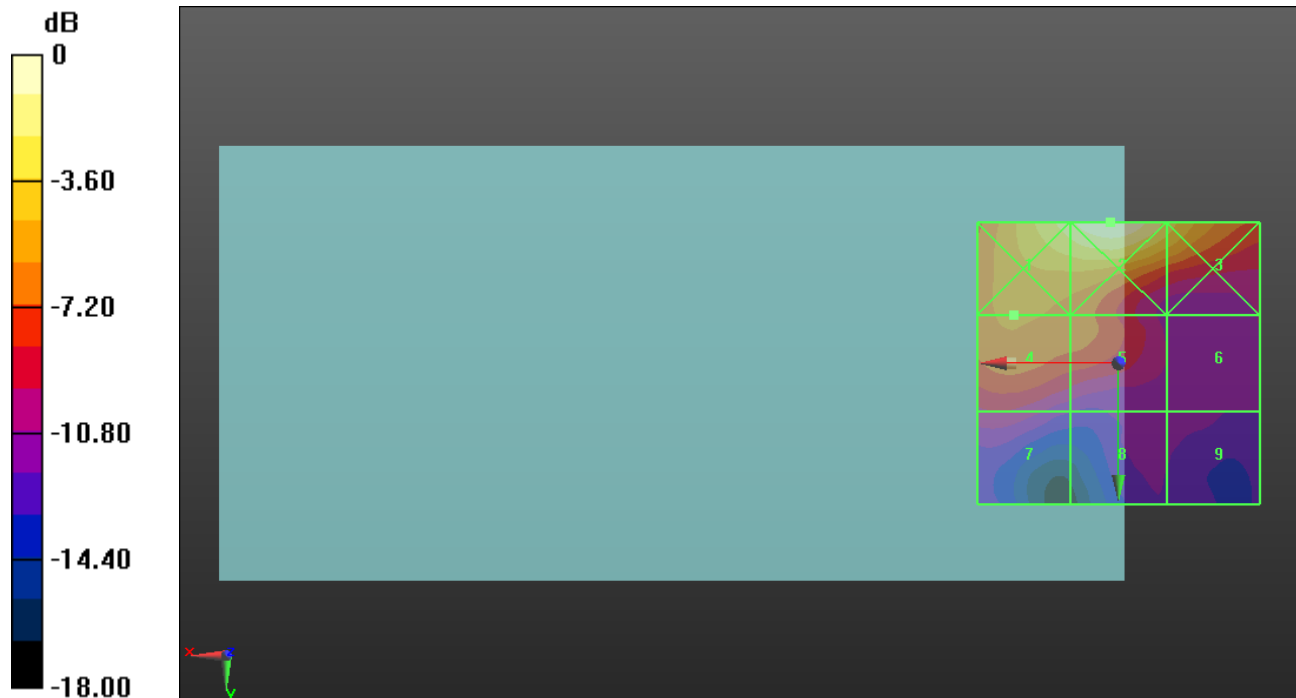
Applied MIF = -1.44 dB

RF audio interference level = 22.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.25 dBV/m	Grid 2 M4 28.77 dBV/m	Grid 3 M4 25.99 dBV/m
Grid 4 M4 22.96 dBV/m	Grid 5 M4 22.42 dBV/m	Grid 6 M4 18.13 dBV/m
Grid 7 M4 19.2 dBV/m	Grid 8 M4 17.61 dBV/m	Grid 9 M4 17.29 dBV/m



0 dB = 27.44 V/m = 28.77 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 = 23.64 V/m; Power Drift = -0.09 dB

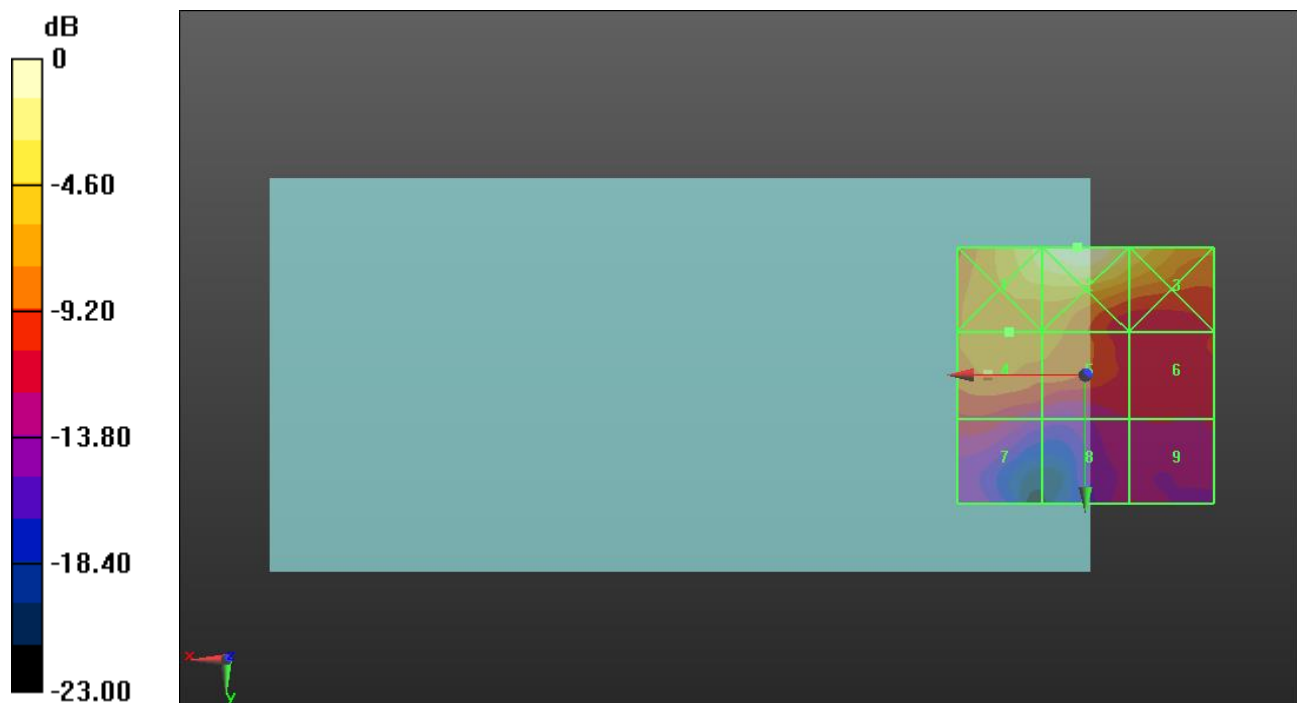
Applied MIF = -1.44 dB

RF audio interference level = 23.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.51 dBV/m	Grid 2 M4 29.68 dBV/m	Grid 3 M4 26.75 dBV/m
Grid 4 M4 23.12 dBV/m	Grid 5 M4 22.63 dBV/m	Grid 6 M4 19.18 dBV/m
Grid 7 M4 18.79 dBV/m	Grid 8 M4 17.39 dBV/m	Grid 9 M4 17.78 dBV/m



0 dB = 30.47 V/m = 29.68 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 = 10.67 V/m; Power Drift = 0.11 dB

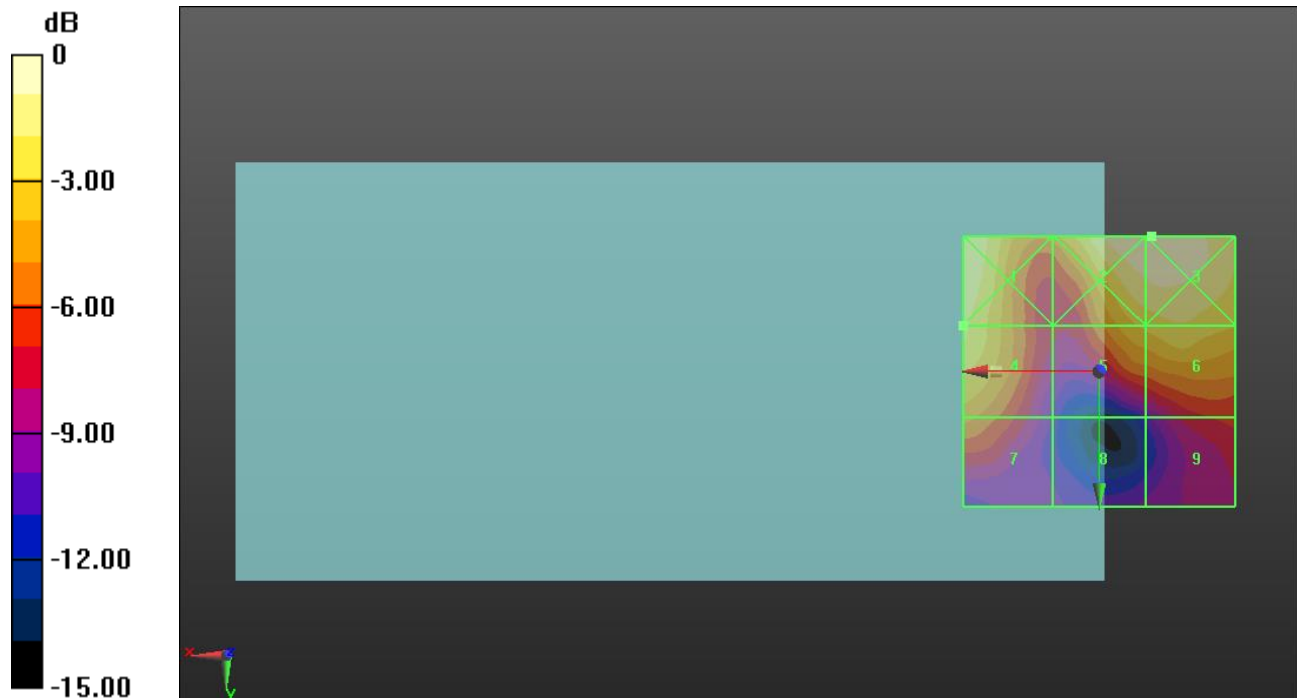
Applied MIF = -1.44 dB

RF audio interference level = 23.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.81 dBV/m	Grid 2 M4 25.65 dBV/m	Grid 3 M4 25.66 dBV/m
Grid 4 M4 23.84 dBV/m	Grid 5 M4 22.9 dBV/m	Grid 6 M4 23.56 dBV/m
Grid 7 M4 21.02 dBV/m	Grid 8 M4 16.09 dBV/m	Grid 9 M4 18.98 dBV/m



0 dB = 19.18 V/m = 25.66 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 = 10.17 V/m; Power Drift = -0.17 dB

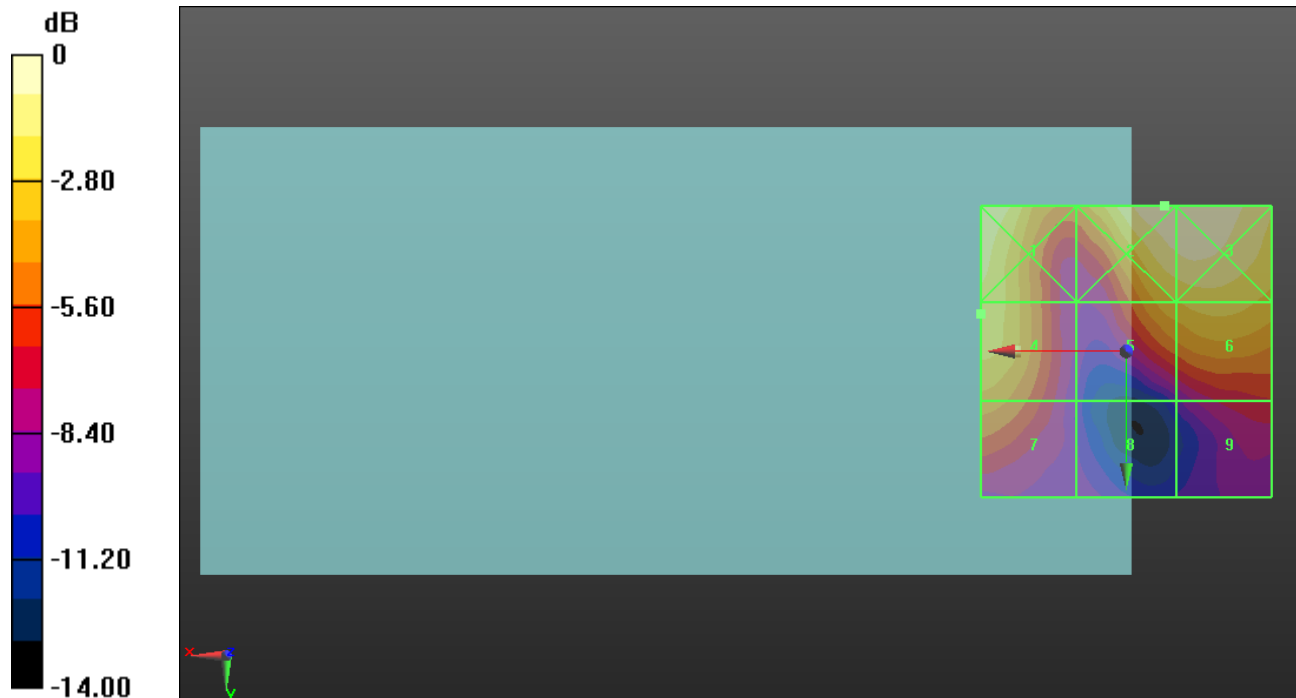
Applied MIF = -1.44 dB

RF audio interference level = 23.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.56 dBV/m	Grid 2 M4 25.51 dBV/m	Grid 3 M4 25.42 dBV/m
Grid 4 M4 23.58 dBV/m	Grid 5 M4 22.63 dBV/m	Grid 6 M4 23.18 dBV/m
Grid 7 M4 21.43 dBV/m	Grid 8 M4 16.8 dBV/m	Grid 9 M4 18.9 dBV/m



0 dB = 18.86 V/m = 25.51 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 = 9.824 V/m; Power Drift = 0.09 dB

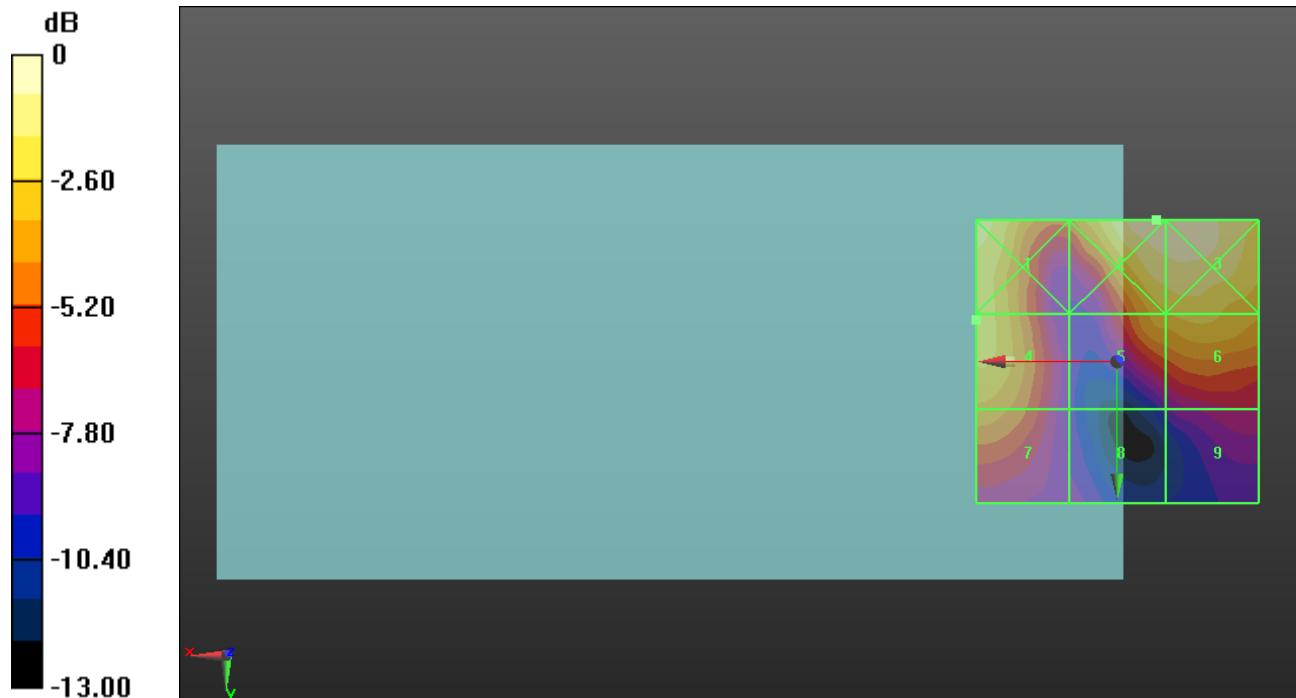
Applied MIF = -1.44 dB

RF audio interference level = 23.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.65 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.79 dBV/m
Grid 4 M4 23.69 dBV/m	Grid 5 M4 23.08 dBV/m	Grid 6 M4 23.58 dBV/m
Grid 7 M4 22.17 dBV/m	Grid 8 M4 17.68 dBV/m	Grid 9 M4 18.88 dBV/m



0 dB = 19.57 V/m = 25.83 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 = 9.500 V/m; Power Drift = -0.09 dB

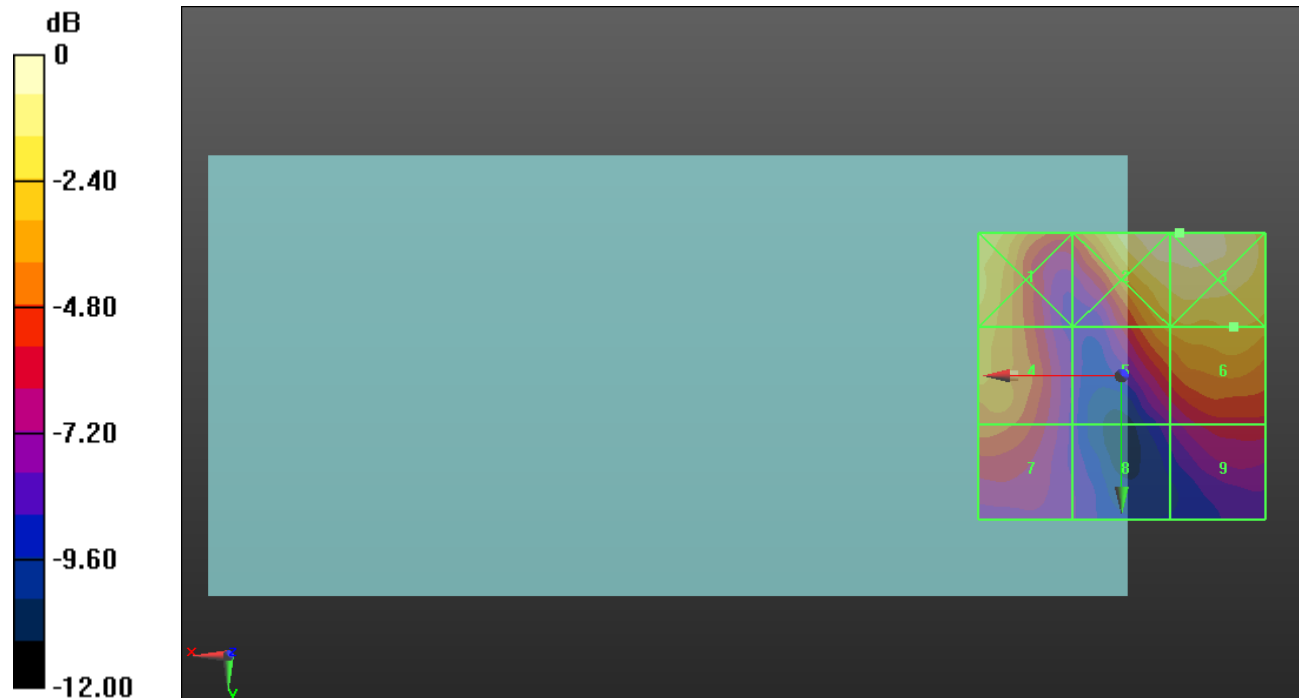
Applied MIF = -1.44 dB

RF audio interference level = 23.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.73 dBV/m	Grid 2 M4 25.94 dBV/m	Grid 3 M4 26.01 dBV/m
Grid 4 M4 23.3 dBV/m	Grid 5 M4 23.12 dBV/m	Grid 6 M4 23.69 dBV/m
Grid 7 M4 21.64 dBV/m	Grid 8 M4 18.23 dBV/m	Grid 9 M4 20.17 dBV/m



0 dB = 19.97 V/m = 26.01 dBV/m