

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 = 33.12 V/m; Power Drift = -0.08 dB

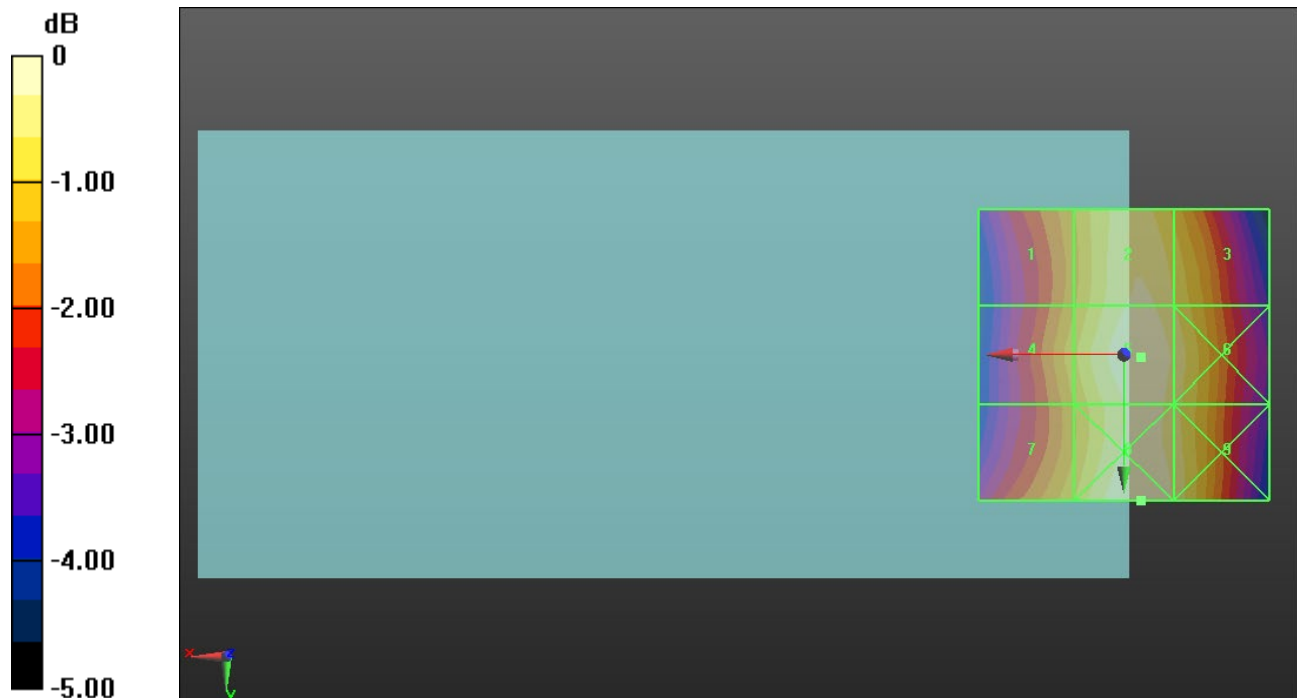
Applied MIF = 3.63 dB

RF audio interference level = 31.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.26 dBV/m	Grid 2 M4 31.32 dBV/m	Grid 3 M4 30.96 dBV/m
Grid 4 M4 30.53 dBV/m	Grid 5 M4 31.52 dBV/m	Grid 6 M4 31.2 dBV/m
Grid 7 M4 30.6 dBV/m	Grid 8 M4 31.58 dBV/m	Grid 9 M4 31.22 dBV/m



0 dB = 37.95 V/m = 31.58 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 = 37.42 V/m; Power Drift = -0.05 dB

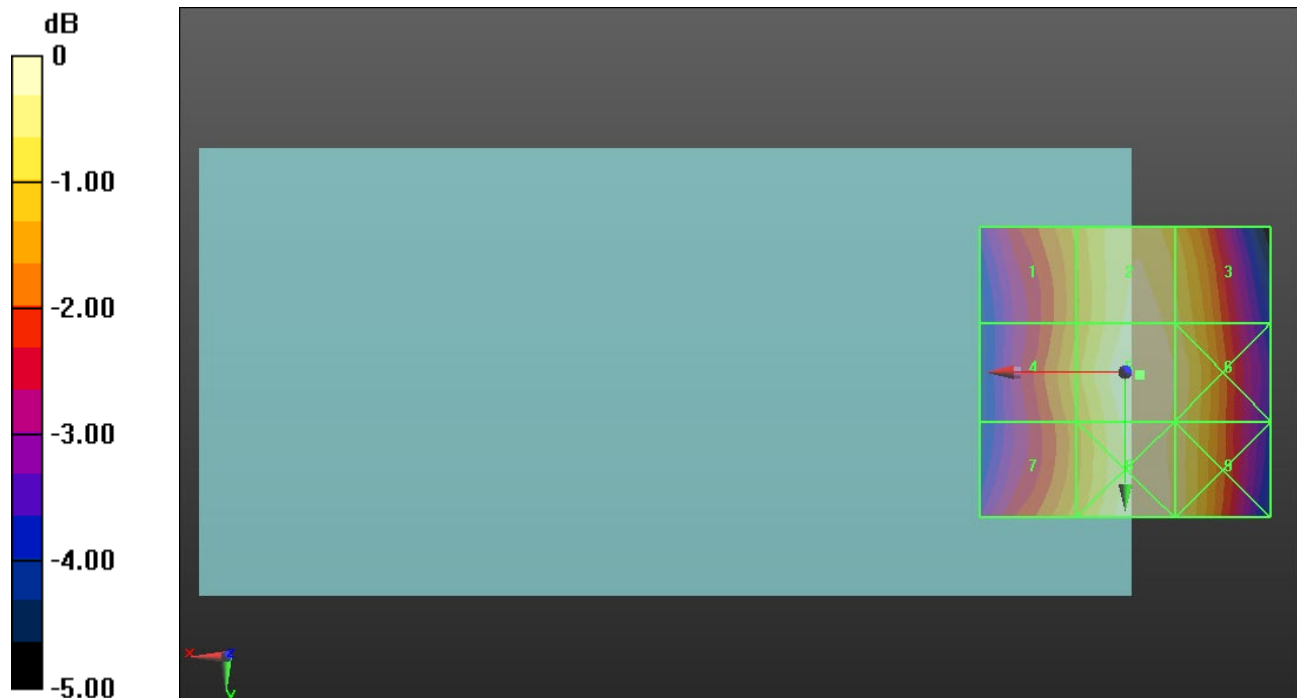
Applied MIF = 3.63 dB

RF audio interference level = 32.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.19 dBV/m	Grid 2 M4 32.21 dBV/m	Grid 3 M4 31.88 dBV/m
Grid 4 M4 31.26 dBV/m	Grid 5 M4 32.41 dBV/m	Grid 6 M4 32.1 dBV/m
Grid 7 M4 31.29 dBV/m	Grid 8 M4 32.35 dBV/m	Grid 9 M4 32.01 dBV/m



0 dB = 41.73 V/m = 32.41 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 = 38.30 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.3 dBV/m	Grid 2 M4 32.44 dBV/m	Grid 3 M4 32.14 dBV/m
Grid 4 M4 31.28 dBV/m	Grid 5 M4 32.62 dBV/m	Grid 6 M4 32.35 dBV/m
Grid 7 M4 31.05 dBV/m	Grid 8 M4 32.42 dBV/m	Grid 9 M4 32.21 dBV/m



0 dB = 42.77 V/m = 32.62 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.16 V/m; Power Drift = 0.00 dB

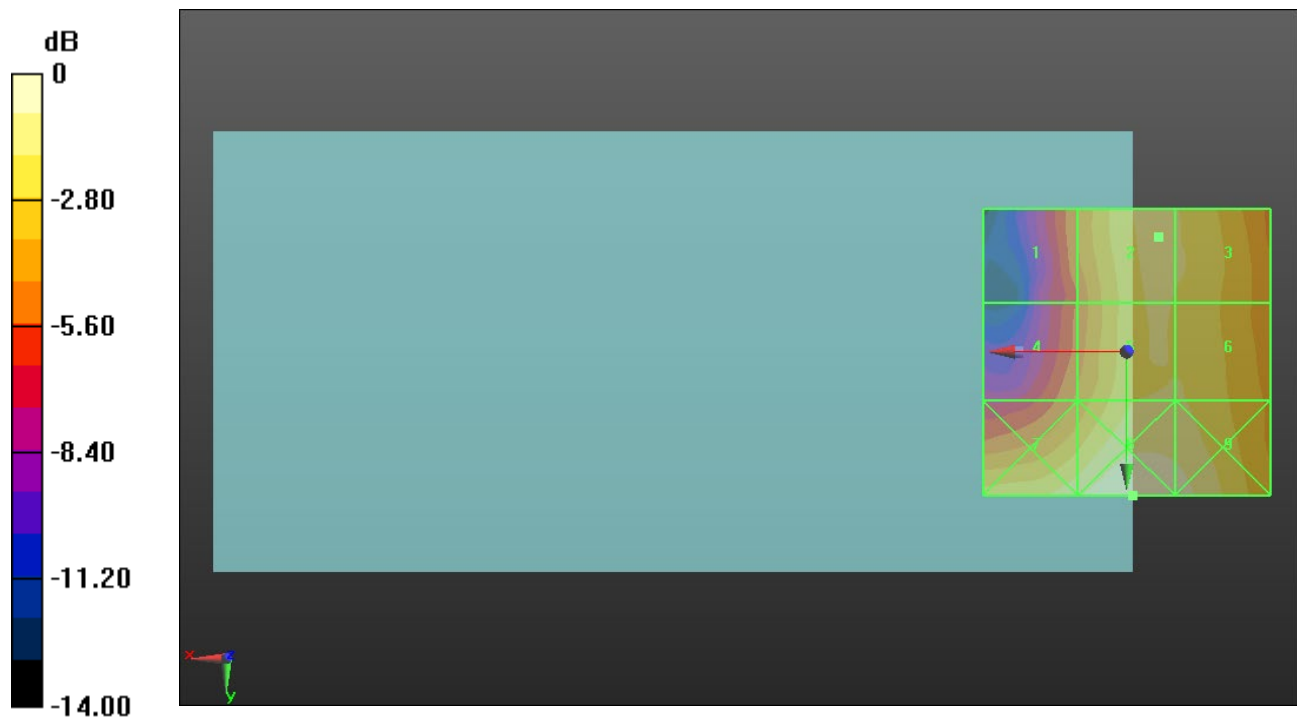
Applied MIF = 3.63 dB

RF audio interference level = 25.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.75 dBV/m	Grid 2 M4 25.84 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 22.92 dBV/m	Grid 5 M4 25.59 dBV/m	Grid 6 M4 25.52 dBV/m
Grid 7 M4 26.24 dBV/m	Grid 8 M4 27.3 dBV/m	Grid 9 M4 26.82 dBV/m



0 dB = 23.17 V/m = 27.30 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 = 17.53 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.64 dBV/m	Grid 2 M4 27.15 dBV/m	Grid 3 M4 26.99 dBV/m
Grid 4 M4 24.24 dBV/m	Grid 5 M4 26.82 dBV/m	Grid 6 M4 26.78 dBV/m
Grid 7 M4 27.33 dBV/m	Grid 8 M4 28.13 dBV/m	Grid 9 M4 27.62 dBV/m



0 dB = 25.49 V/m = 28.13 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.45 V/m; Power Drift = 0.01 dB

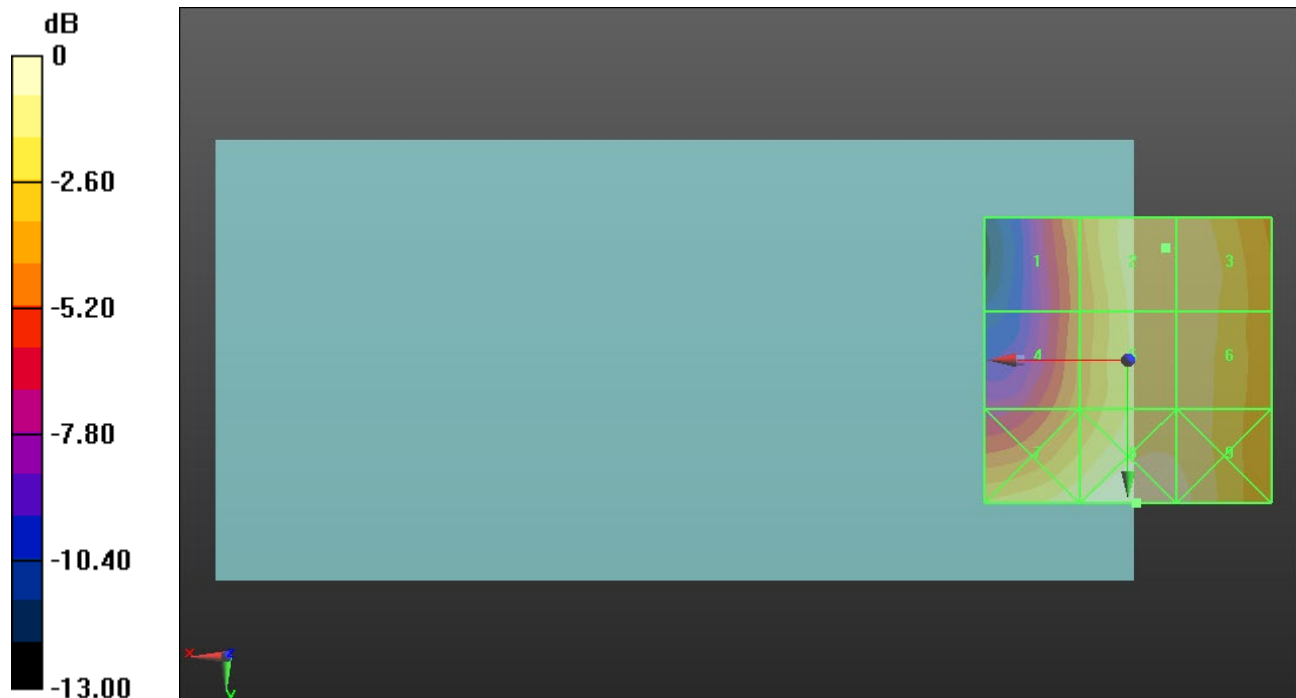
Applied MIF = 3.63 dB

RF audio interference level = 27.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.75 dBV/m	Grid 2 M4 27.54 dBV/m	Grid 3 M4 27.5 dBV/m
Grid 4 M4 24.71 dBV/m	Grid 5 M4 27.33 dBV/m	Grid 6 M4 27.31 dBV/m
Grid 7 M4 27.61 dBV/m	Grid 8 M4 28.44 dBV/m	Grid 9 M4 27.98 dBV/m



0 dB = 26.43 V/m = 28.44 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 = 9.530 V/m; Power Drift = -0.11 dB

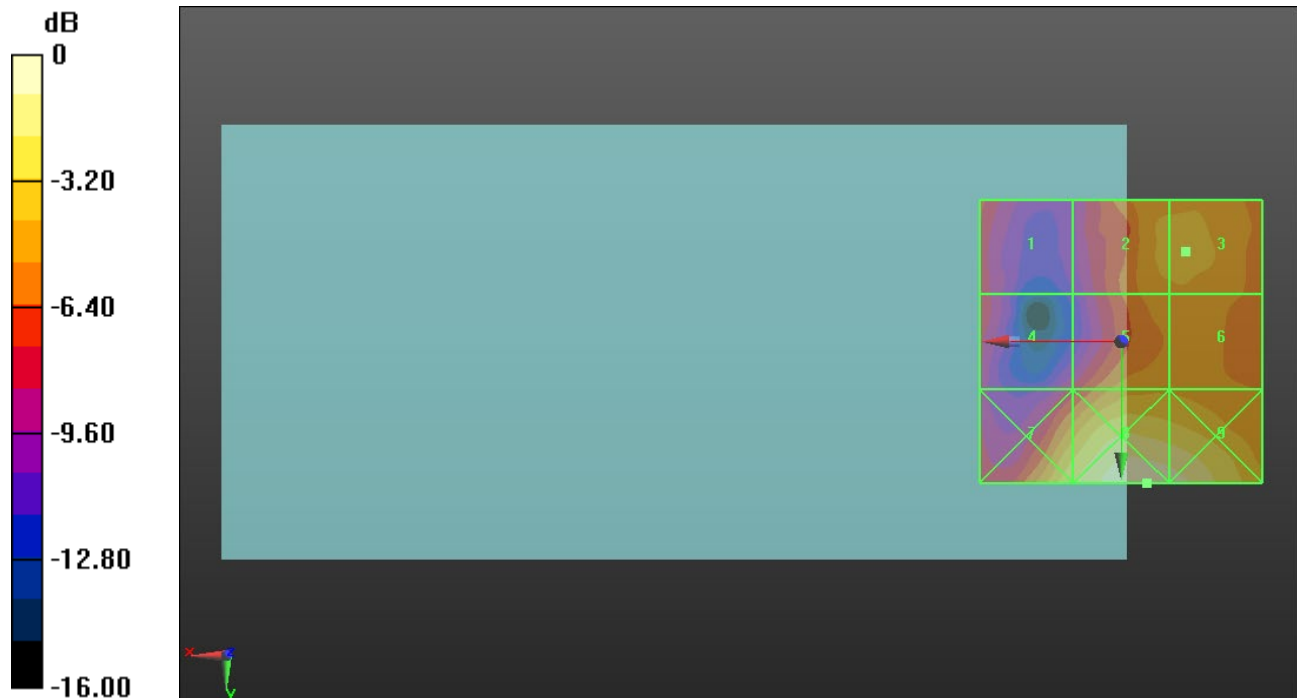
Applied MIF = -1.44 dB

RF audio interference level = 18.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.66 dBV/m	Grid 2 M4 18.62 dBV/m	Grid 3 M4 18.72 dBV/m
Grid 4 M4 14.61 dBV/m	Grid 5 M4 18.24 dBV/m	Grid 6 M4 18.22 dBV/m
Grid 7 M4 20.54 dBV/m	Grid 8 M4 22.63 dBV/m	Grid 9 M4 22.2 dBV/m



0 dB = 13.53 V/m = 22.63 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 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.039 V/m; Power Drift = 0.17 dB

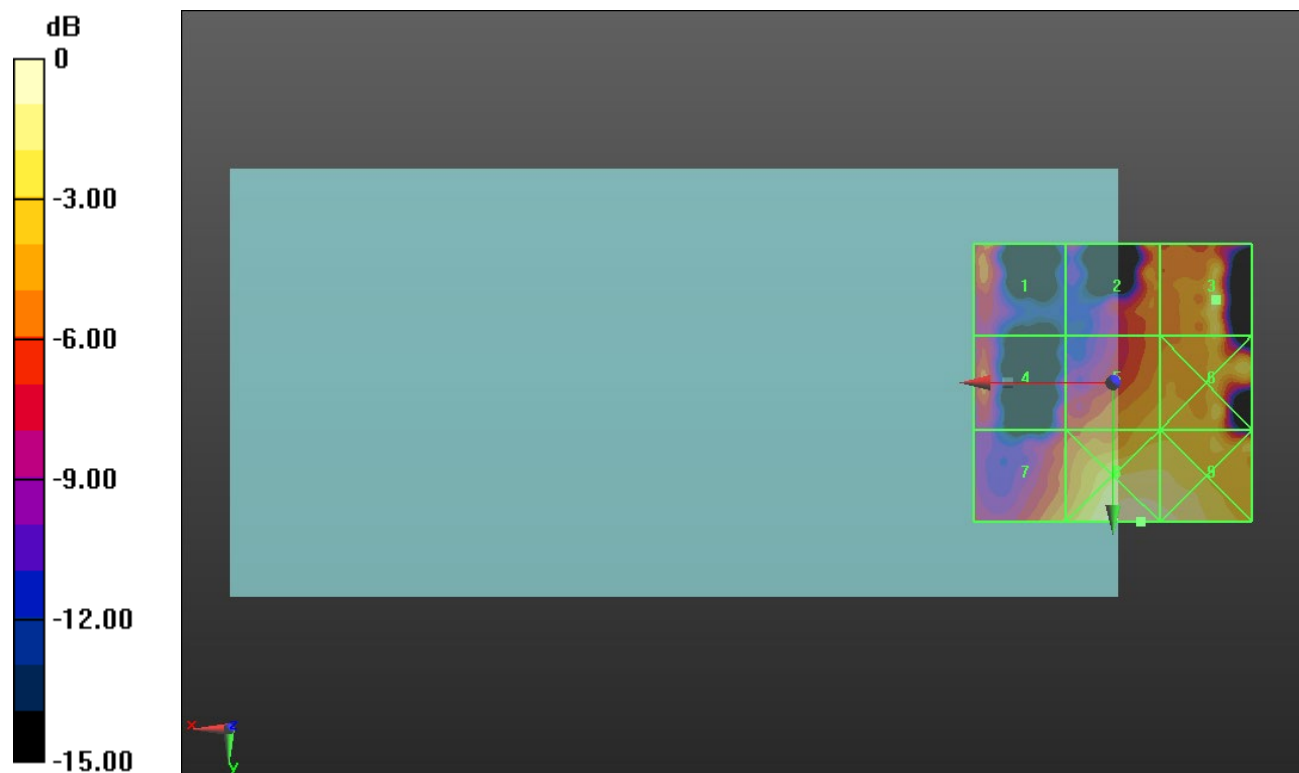
Applied MIF = -1.44 dB

RF audio interference level = 21.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.12 dBV/m	Grid 2 M4 18.37 dBV/m	Grid 3 M4 21.13 dBV/m
Grid 4 M4 16.62 dBV/m	Grid 5 M4 18.89 dBV/m	Grid 6 M4 19.99 dBV/m
Grid 7 M4 18.6 dBV/m	Grid 8 M4 22.23 dBV/m	Grid 9 M4 21.78 dBV/m



0 dB = 12.92 V/m = 22.23 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 8.285 V/m; Power Drift = 0.04 dB

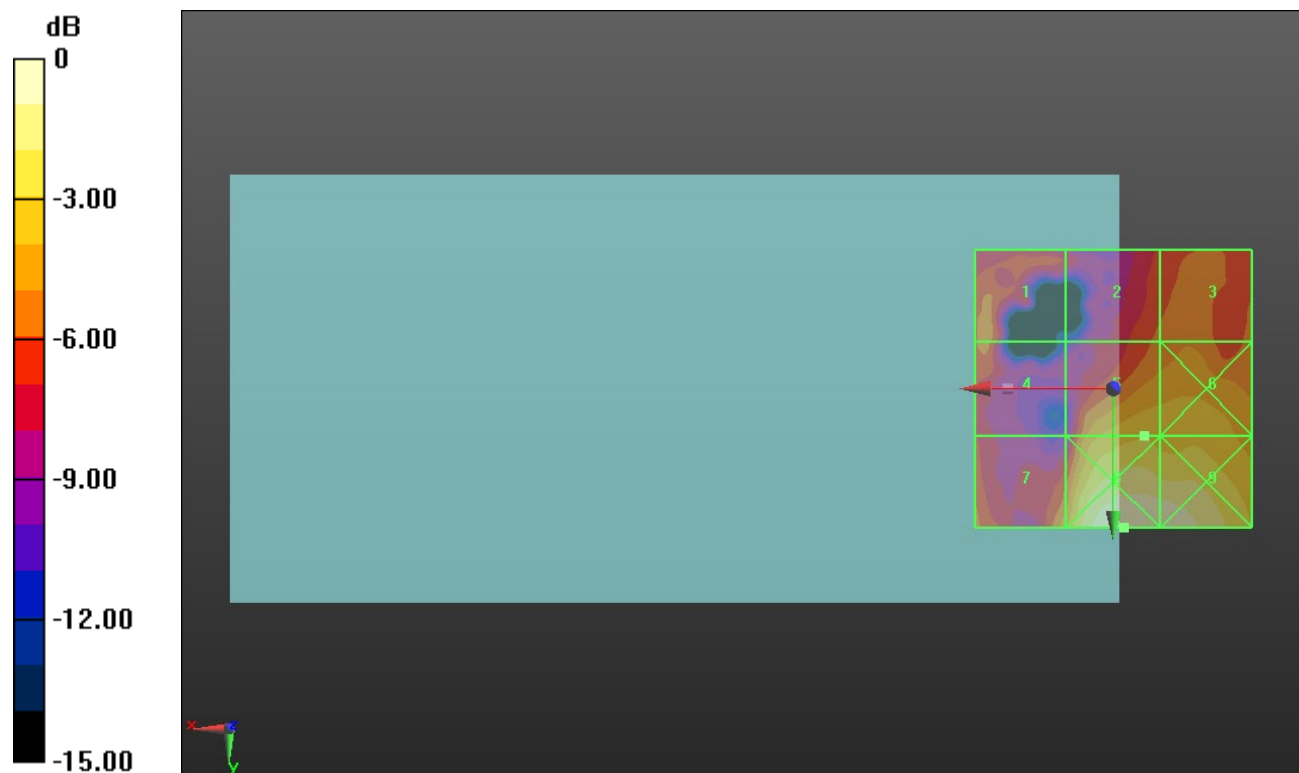
Applied MIF = -1.44 dB

RF audio interference level = 18.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.67 dBV/m	Grid 2 M4 16.08 dBV/m	Grid 3 M4 16.67 dBV/m
Grid 4 M4 16.47 dBV/m	Grid 5 M4 18.59 dBV/m	Grid 6 M4 18.45 dBV/m
Grid 7 M4 17.47 dBV/m	Grid 8 M4 21.7 dBV/m	Grid 9 M4 21.56 dBV/m



0 dB = 12.16 V/m = 21.70 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 (7483)

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 = 8.042 V/m; Power Drift = -0.19 dB

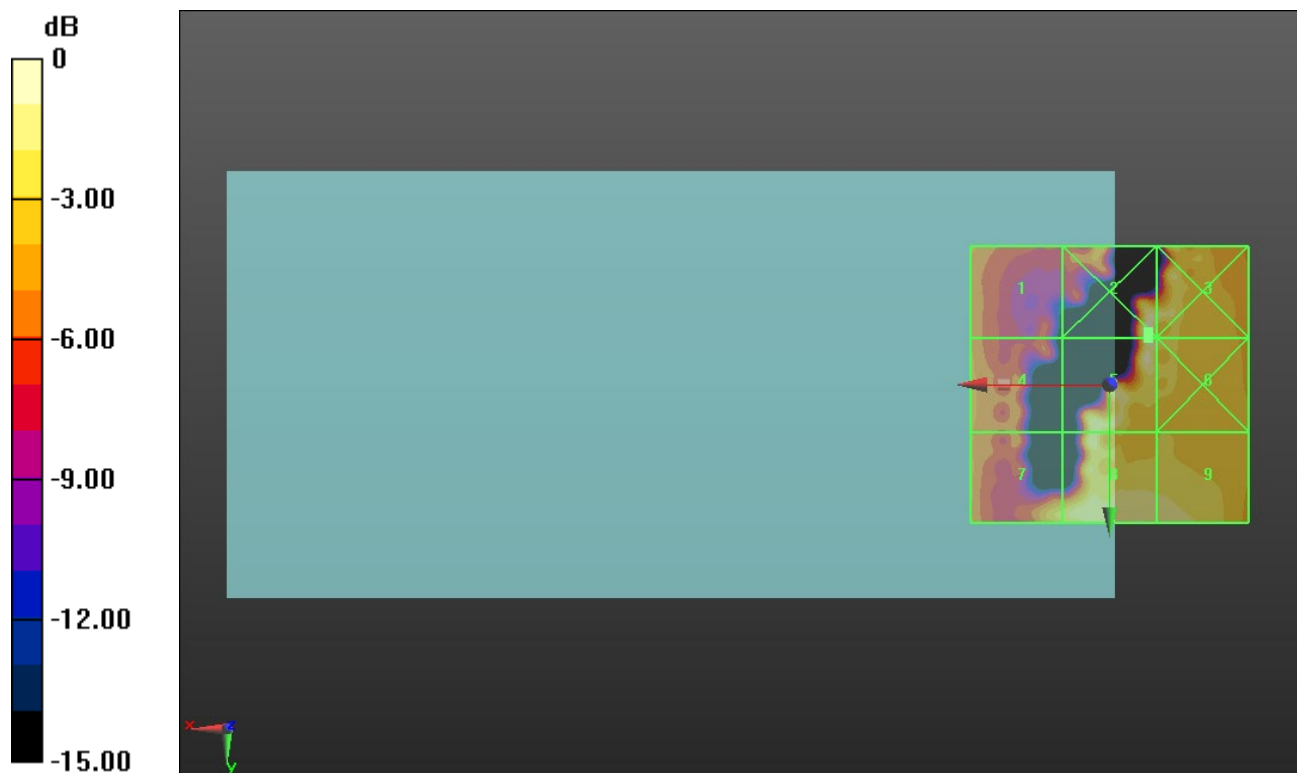
Applied MIF = -1.44 dB

RF audio interference level = 19.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.04 dBV/m	Grid 2 M4 19.67 dBV/m	Grid 3 M4 18.38 dBV/m
Grid 4 M4 15.29 dBV/m	Grid 5 M4 19.26 dBV/m	Grid 6 M4 18.07 dBV/m
Grid 7 M4 17.31 dBV/m	Grid 8 M4 18.77 dBV/m	Grid 9 M4 18.58 dBV/m



0 dB = 9.624 V/m = 19.67 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.889 V/m; Power Drift = 0.07 dB

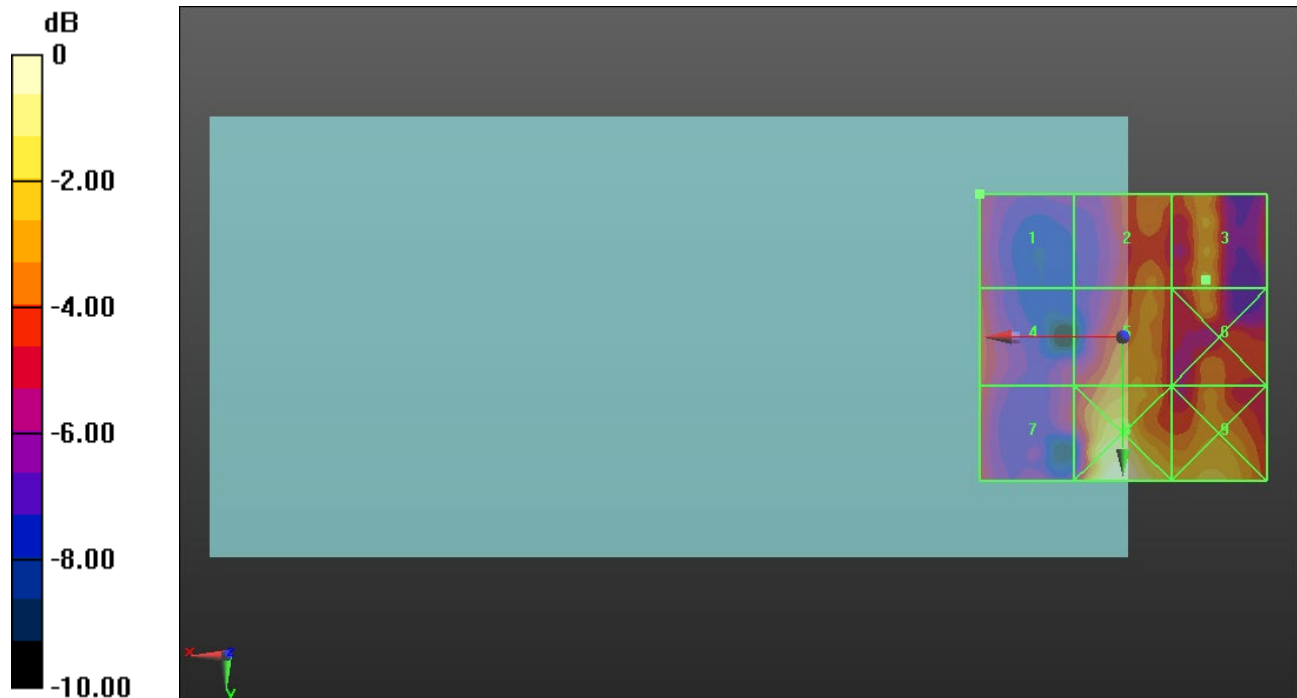
Applied MIF = -1.44 dB

RF audio interference level = 16.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.06 dBV/m	Grid 2 M4 15.37 dBV/m	Grid 3 M4 16.24 dBV/m
Grid 4 M4 14.66 dBV/m	Grid 5 M4 15.99 dBV/m	Grid 6 M4 15.81 dBV/m
Grid 7 M4 14.44 dBV/m	Grid 8 M4 18.58 dBV/m	Grid 9 M4 16.87 dBV/m



0 dB = 8.493 V/m = 18.58 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 = 12.60 V/m; Power Drift = 0.01 dB

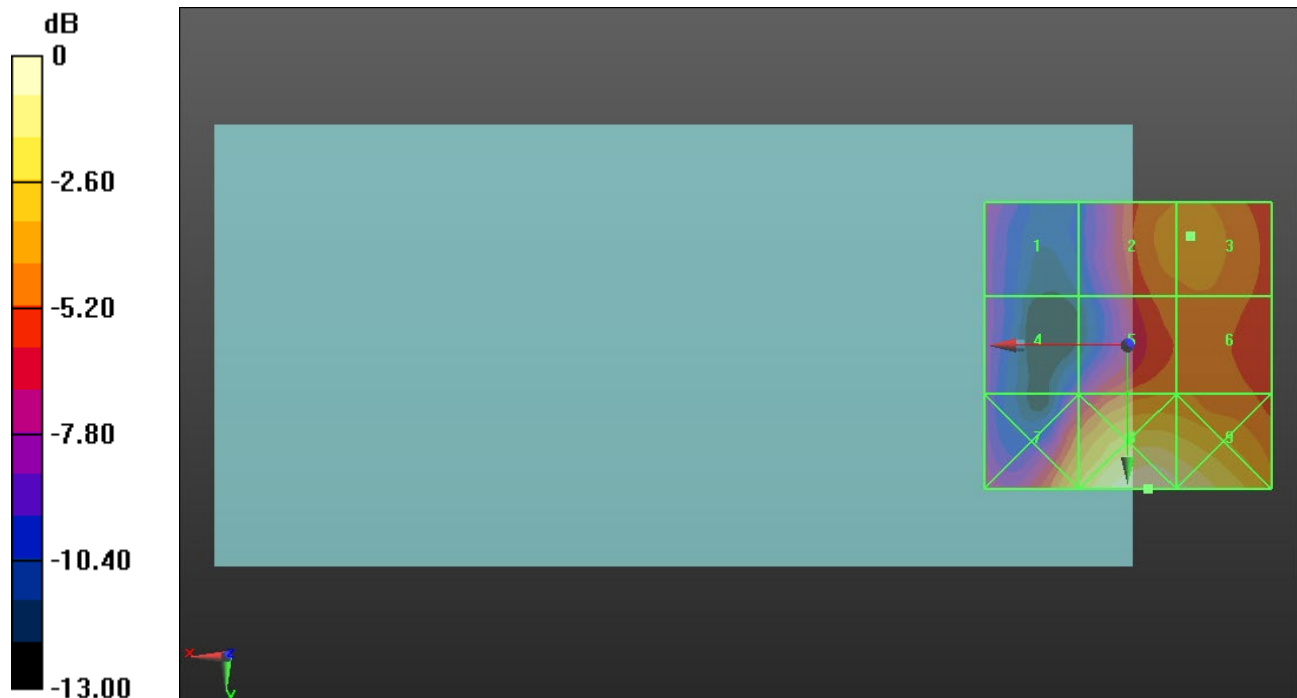
Applied MIF = -1.44 dB

RF audio interference level = 21.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.34 dBV/m	Grid 2 M4 21.64 dBV/m	Grid 3 M4 21.69 dBV/m
Grid 4 M4 17.72 dBV/m	Grid 5 M4 21.29 dBV/m	Grid 6 M4 21.29 dBV/m
Grid 7 M4 23.16 dBV/m	Grid 8 M4 25.56 dBV/m	Grid 9 M4 25.06 dBV/m



0 dB = 18.97 V/m = 25.56 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 = 12.55 V/m; Power Drift = 0.04 dB

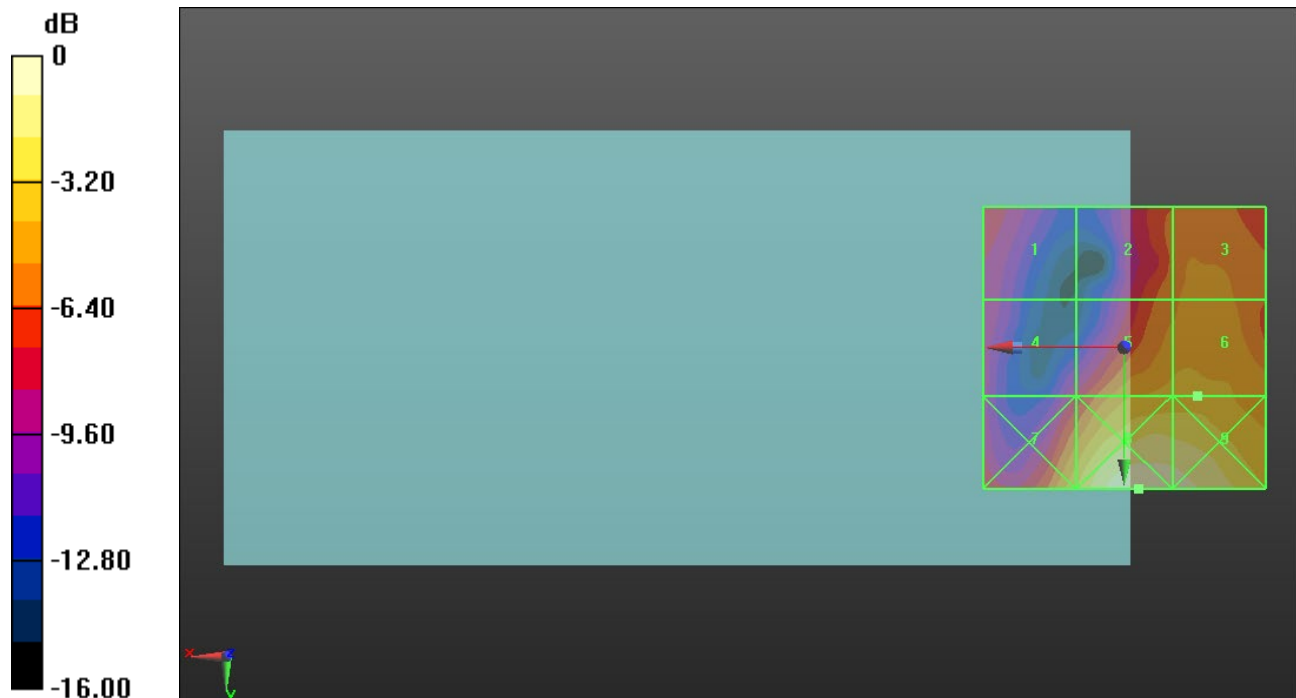
Applied MIF = -1.44 dB

RF audio interference level = 21.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.83 dBV/m	Grid 2 M4 19.63 dBV/m	Grid 3 M4 20.3 dBV/m
Grid 4 M4 16.8 dBV/m	Grid 5 M4 21.4 dBV/m	Grid 6 M4 21.53 dBV/m
Grid 7 M4 22 dBV/m	Grid 8 M4 25.19 dBV/m	Grid 9 M4 24.71 dBV/m



0 dB = 18.18 V/m = 25.19 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 = 10.75 V/m; Power Drift = 0.13 dB

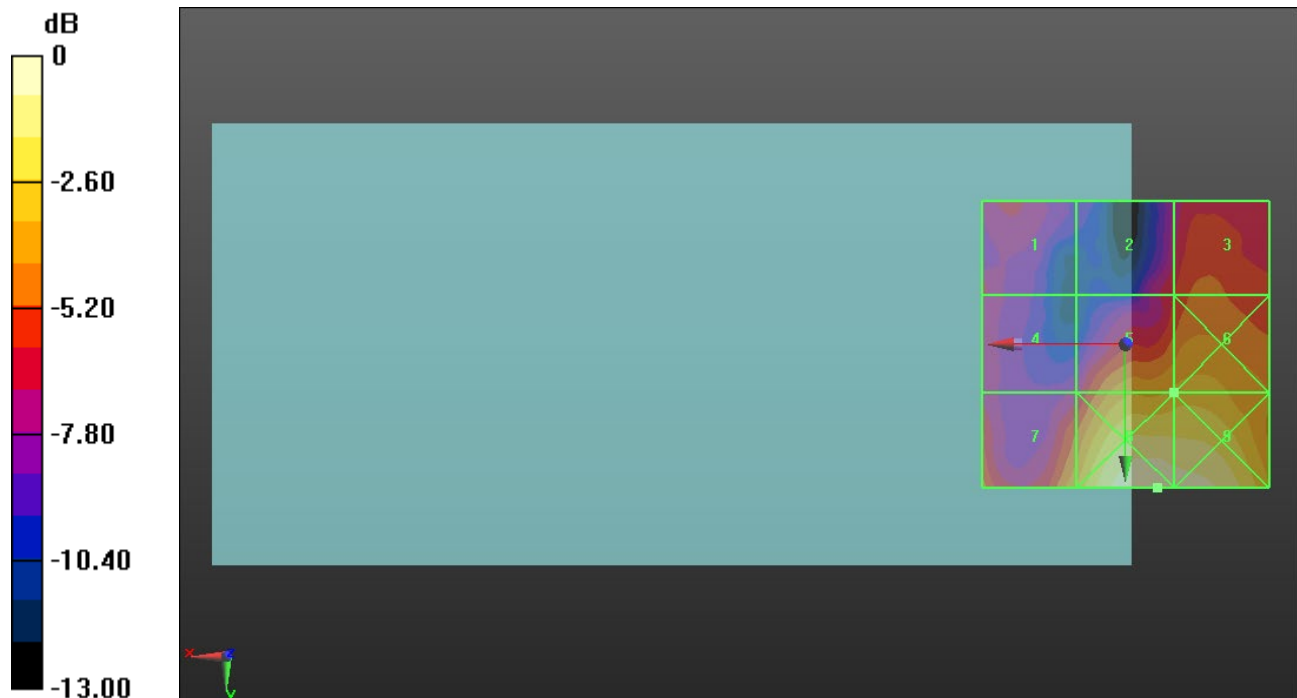
Applied MIF = -1.44 dB

RF audio interference level = 21.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.57 dBV/m	Grid 2 M4 18.29 dBV/m	Grid 3 M4 19.26 dBV/m
Grid 4 M4 17.48 dBV/m	Grid 5 M4 21.06 dBV/m	Grid 6 M4 21.27 dBV/m
Grid 7 M4 20.89 dBV/m	Grid 8 M4 24.22 dBV/m	Grid 9 M4 24.02 dBV/m



0 dB = 16.26 V/m = 24.22 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.59 V/m; Power Drift = -0.18 dB

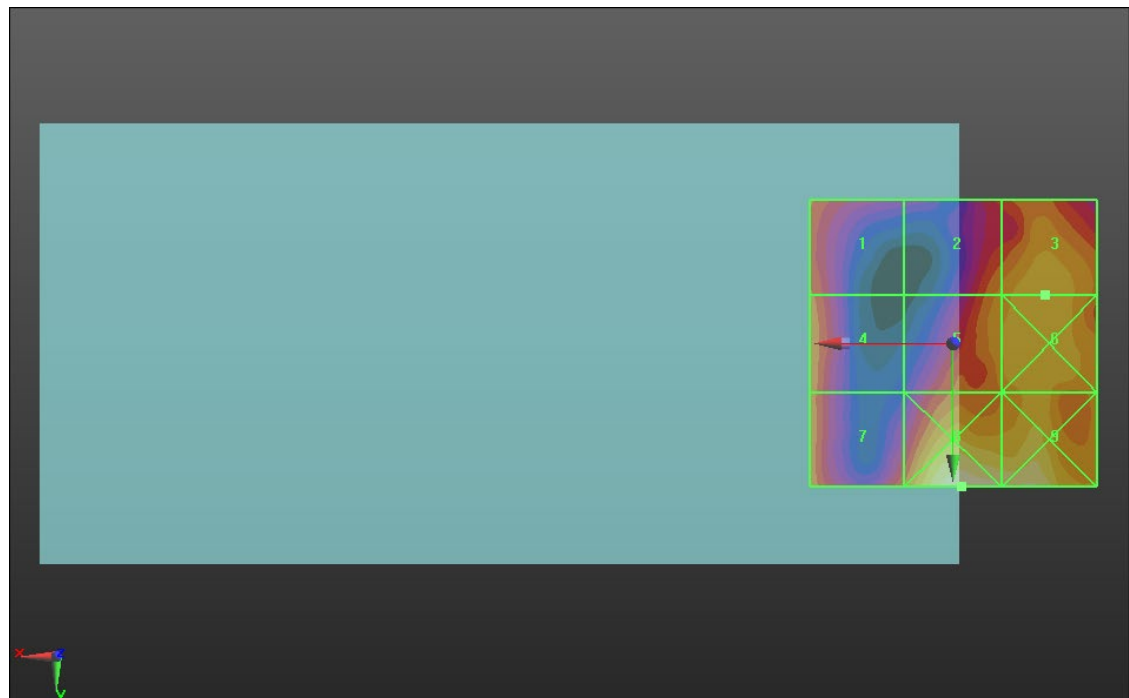
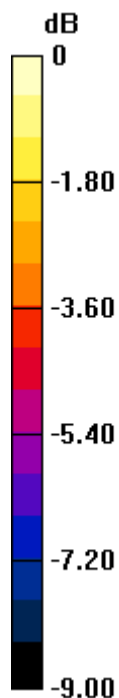
Applied MIF = -1.44 dB

RF audio interference level = 19.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.54 dBV/m	Grid 2 M4 18.21 dBV/m	Grid 3 M4 19 dBV/m
Grid 4 M4 18.14 dBV/m	Grid 5 M4 18.65 dBV/m	Grid 6 M4 19.15 dBV/m
Grid 7 M4 18.23 dBV/m	Grid 8 M4 20.96 dBV/m	Grid 9 M4 20.54 dBV/m



0 dB = 11.17 V/m = 20.96 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 (7483)

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 = 9.778 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.97 dBV/m	Grid 2 M4 18.22 dBV/m	Grid 3 M4 18.23 dBV/m
Grid 4 M4 17.7 dBV/m	Grid 5 M4 17.75 dBV/m	Grid 6 M4 19.72 dBV/m
Grid 7 M4 18.04 dBV/m	Grid 8 M4 20.97 dBV/m	Grid 9 M4 21.8 dBV/m



0 dB = 12.31 V/m = 21.81 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 = 7.681 V/m; Power Drift = 0.17 dB

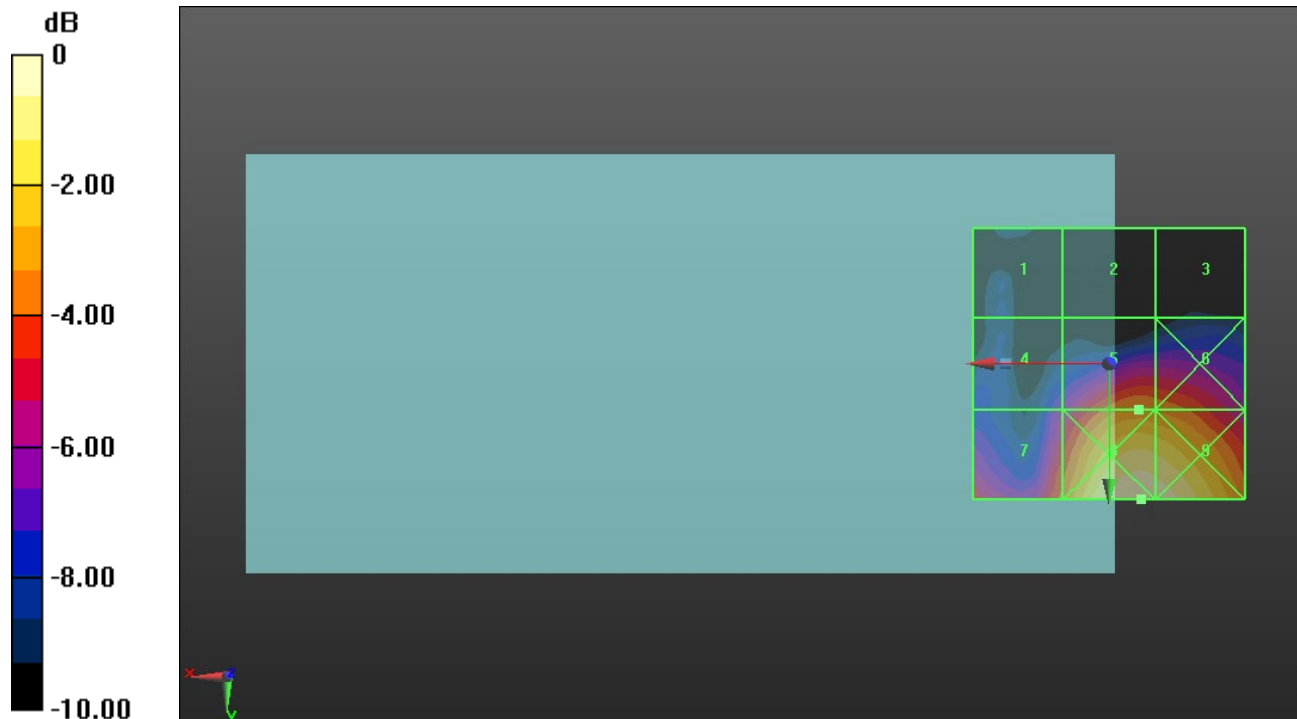
Applied MIF = -1.44 dB

RF audio interference level = 18.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.19 dBV/m	Grid 2 M4 11.51 dBV/m	Grid 3 M4 12.46 dBV/m
Grid 4 M4 15.3 dBV/m	Grid 5 M4 18.34 dBV/m	Grid 6 M4 18.13 dBV/m
Grid 7 M4 17.88 dBV/m	Grid 8 M4 21.48 dBV/m	Grid 9 M4 21.35 dBV/m



0 dB = 11.86 V/m = 21.48 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 = 131.9 V/m; Power Drift = -0.04 dB

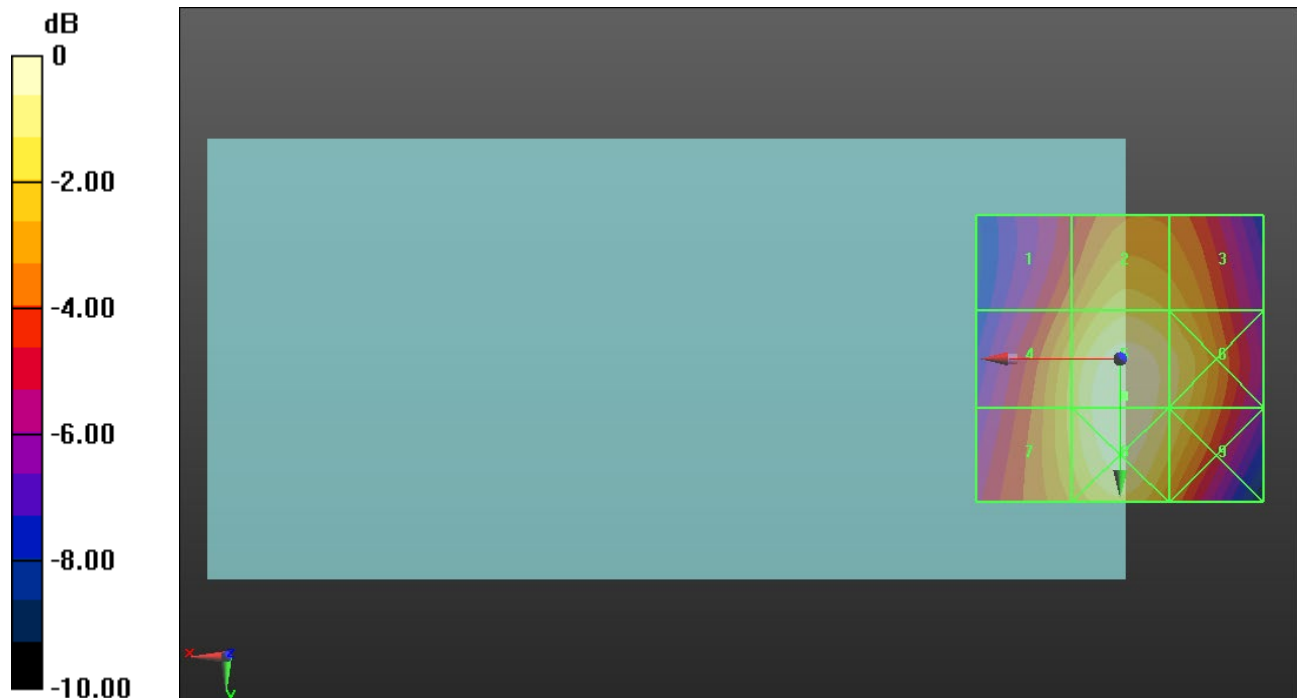
Applied MIF = 3.63 dB

RF audio interference level = 40.57 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.23 dBV/m	Grid 2 M4 39.09 dBV/m	Grid 3 M4 38.53 dBV/m
Grid 4 M4 38.85 dBV/m	Grid 5 M3 40.57 dBV/m	Grid 6 M4 39.62 dBV/m
Grid 7 M4 38.84 dBV/m	Grid 8 M3 40.56 dBV/m	Grid 9 M4 39.4 dBV/m



0 dB = 106.8 V/m = 40.57 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 = 138.7 V/m; Power Drift = 0.02 dB

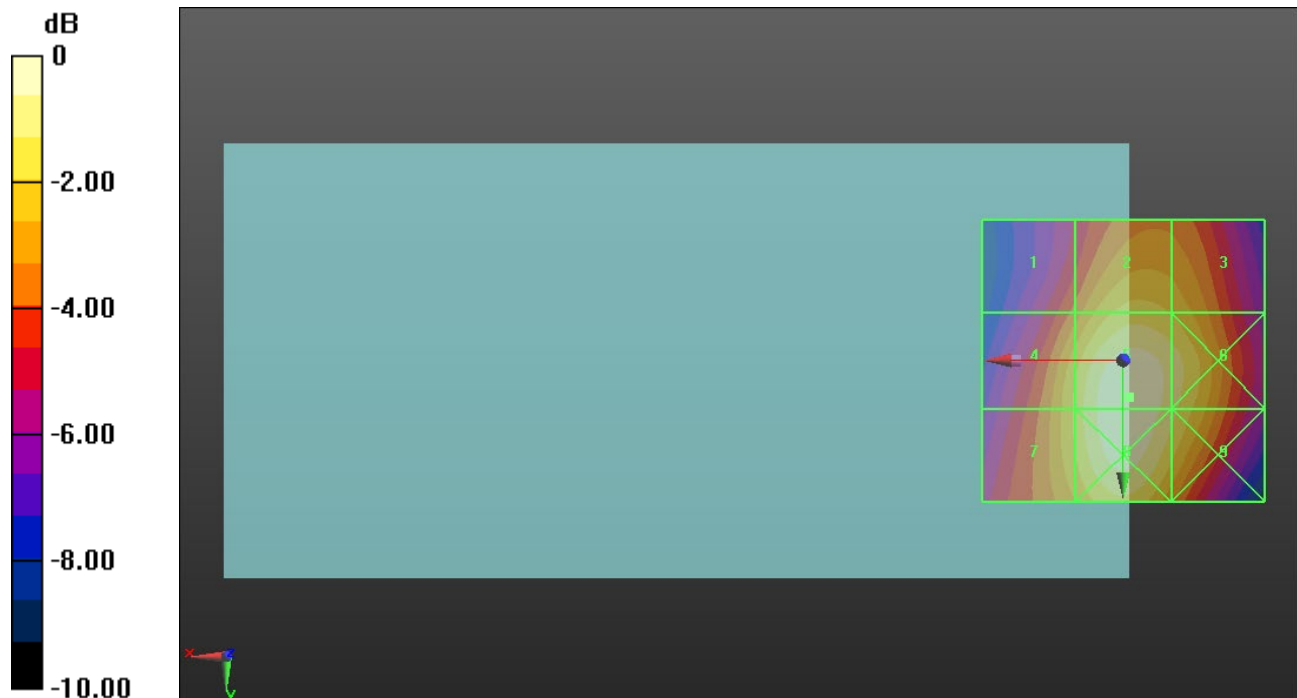
Applied MIF = 3.63 dB

RF audio interference level = 41.16 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.48 dBV/m	Grid 2 M4 39.5 dBV/m	Grid 3 M4 39.12 dBV/m
Grid 4 M4 39.32 dBV/m	Grid 5 M3 41.16 dBV/m	Grid 6 M3 40.28 dBV/m
Grid 7 M4 39.32 dBV/m	Grid 8 M3 41.15 dBV/m	Grid 9 M3 40.08 dBV/m



0 dB = 114.3 V/m = 41.16 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 = 136.6 V/m; Power Drift = -0.02 dB

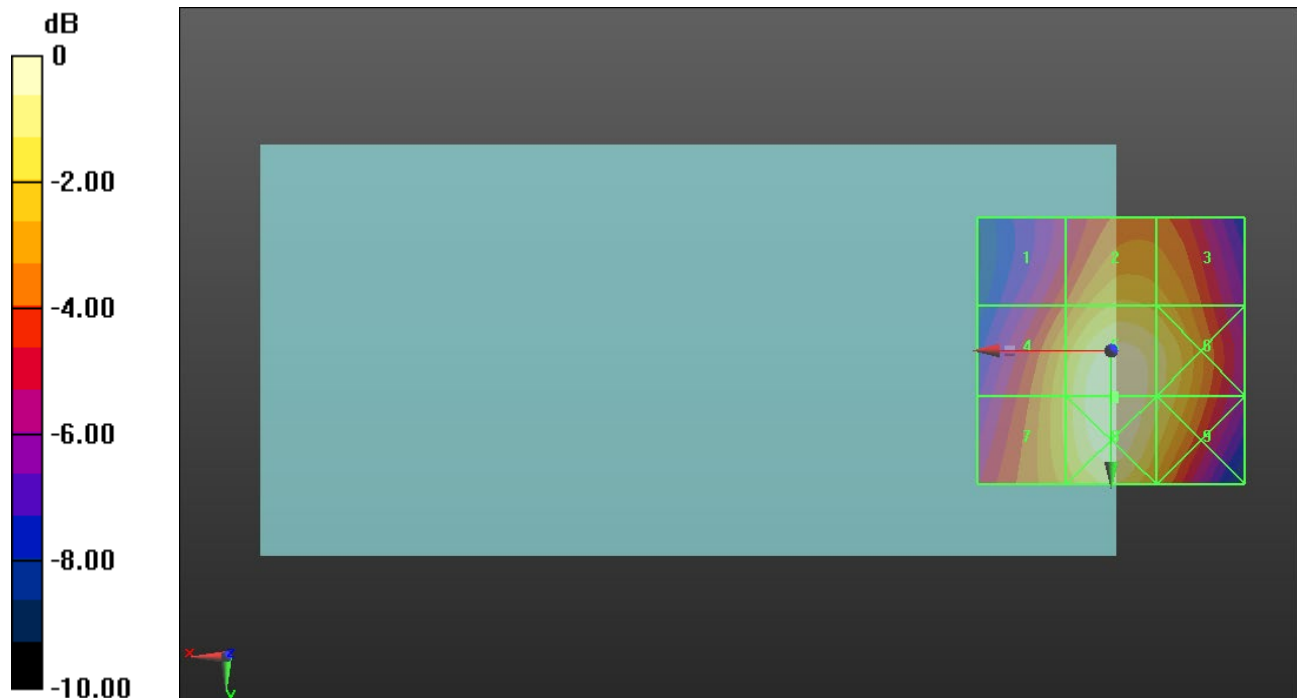
Applied MIF = 3.63 dB

RF audio interference level = 41.07 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.19 dBV/m	Grid 2 M4 39.23 dBV/m	Grid 3 M4 38.86 dBV/m
Grid 4 M4 39.29 dBV/m	Grid 5 M3 41.07 dBV/m	Grid 6 M3 40.12 dBV/m
Grid 7 M4 39.33 dBV/m	Grid 8 M3 41.07 dBV/m	Grid 9 M4 39.99 dBV/m



0 dB = 113.1 V/m = 41.07 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 = 16.91 V/m; Power Drift = -0.02 dB

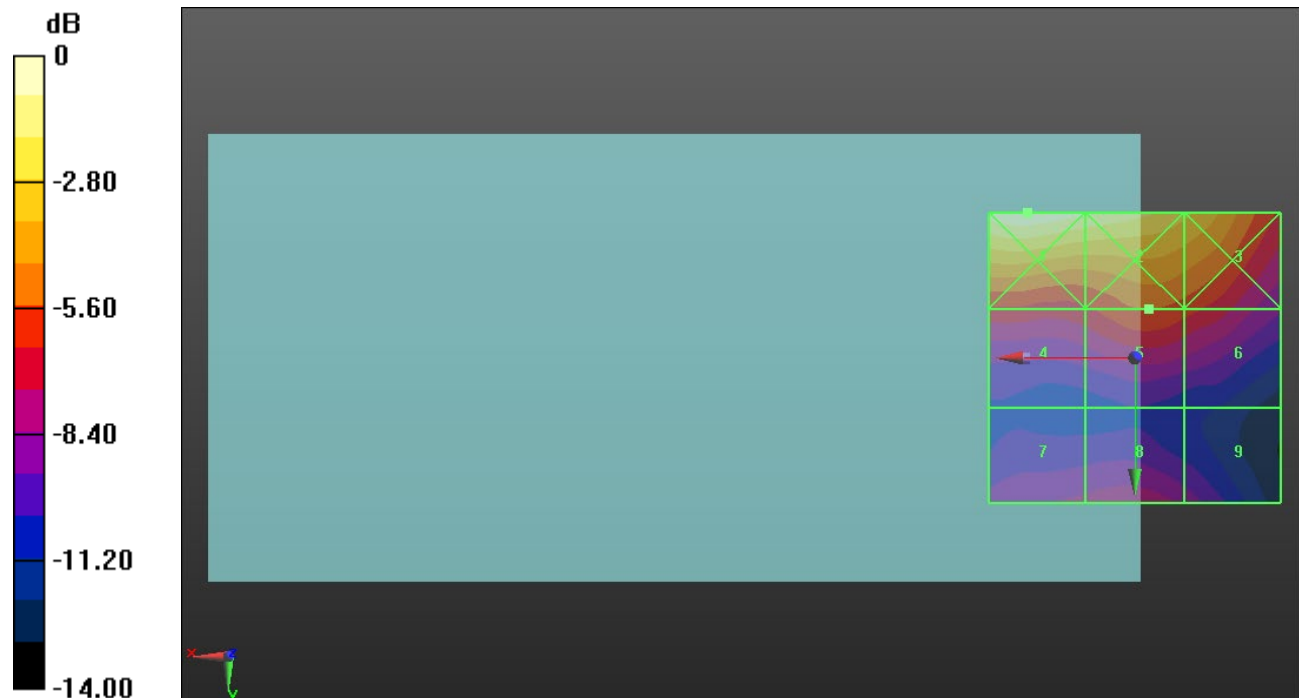
Applied MIF = 3.63 dB

RF audio interference level = 27.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.96 dBV/m	Grid 2 M3 32.26 dBV/m	Grid 3 M3 30.47 dBV/m
Grid 4 M4 26.36 dBV/m	Grid 5 M4 27.43 dBV/m	Grid 6 M4 26.9 dBV/m
Grid 7 M4 24.93 dBV/m	Grid 8 M4 25.38 dBV/m	Grid 9 M4 24.35 dBV/m



0 dB = 44.46 V/m = 32.96 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 = 19.69 V/m; Power Drift = 0.00 dB

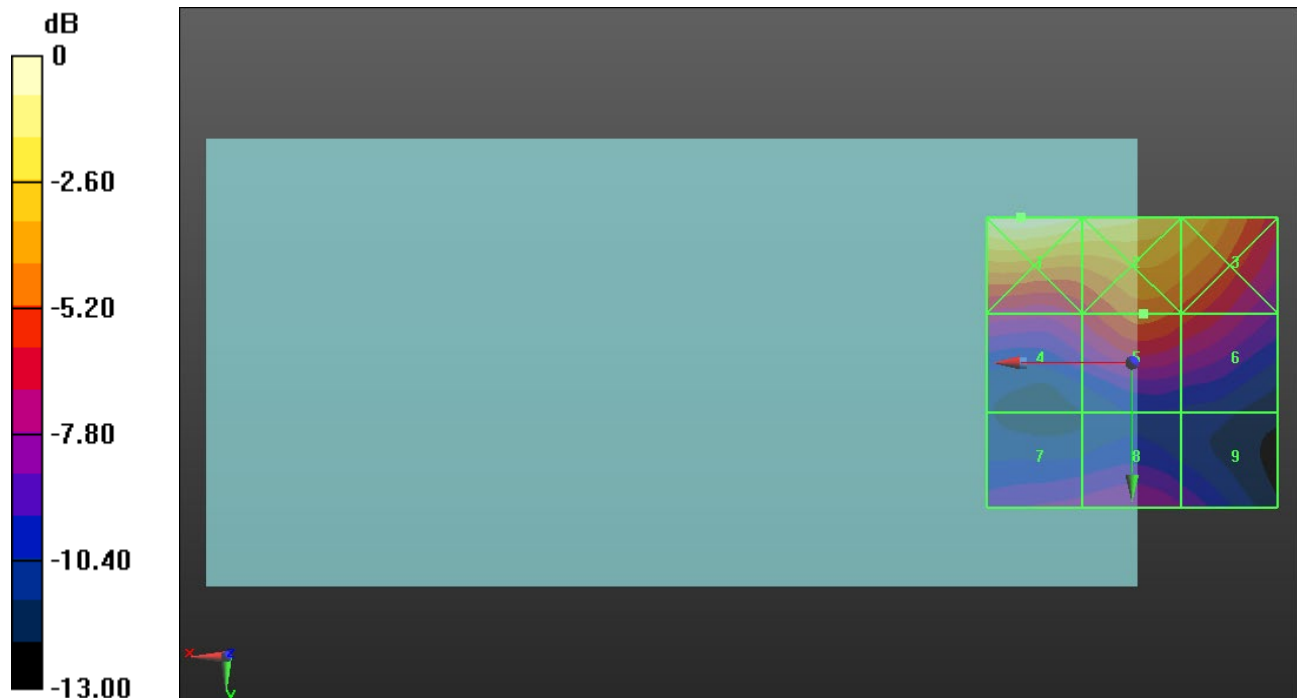
Applied MIF = 3.63 dB

RF audio interference level = 28.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.37 dBV/m	Grid 2 M3 32.62 dBV/m	Grid 3 M3 30.91 dBV/m
Grid 4 M4 26.78 dBV/m	Grid 5 M4 28.57 dBV/m	Grid 6 M4 27.84 dBV/m
Grid 7 M4 25.22 dBV/m	Grid 8 M4 25.69 dBV/m	Grid 9 M4 24.87 dBV/m



0 dB = 46.62 V/m = 33.37 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 = 22.22 V/m; Power Drift = -0.01 dB

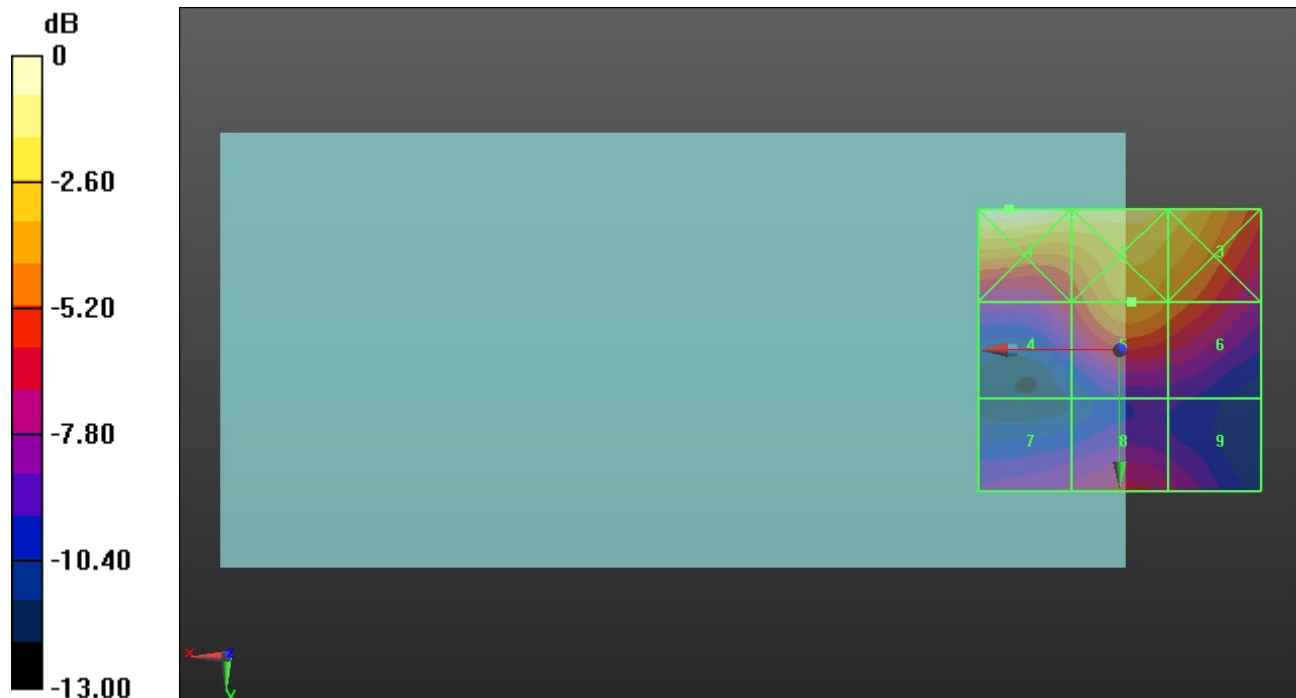
Applied MIF = 3.63 dB

RF audio interference level = 29.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.75 dBV/m	Grid 2 M3 31.94 dBV/m	Grid 3 M3 30.92 dBV/m
Grid 4 M4 26.6 dBV/m	Grid 5 M4 29.36 dBV/m	Grid 6 M4 28.42 dBV/m
Grid 7 M4 25.3 dBV/m	Grid 8 M4 26.18 dBV/m	Grid 9 M4 25.48 dBV/m



0 dB = 43.41 V/m = 32.75 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.33 V/m; Power Drift = 0.03 dB

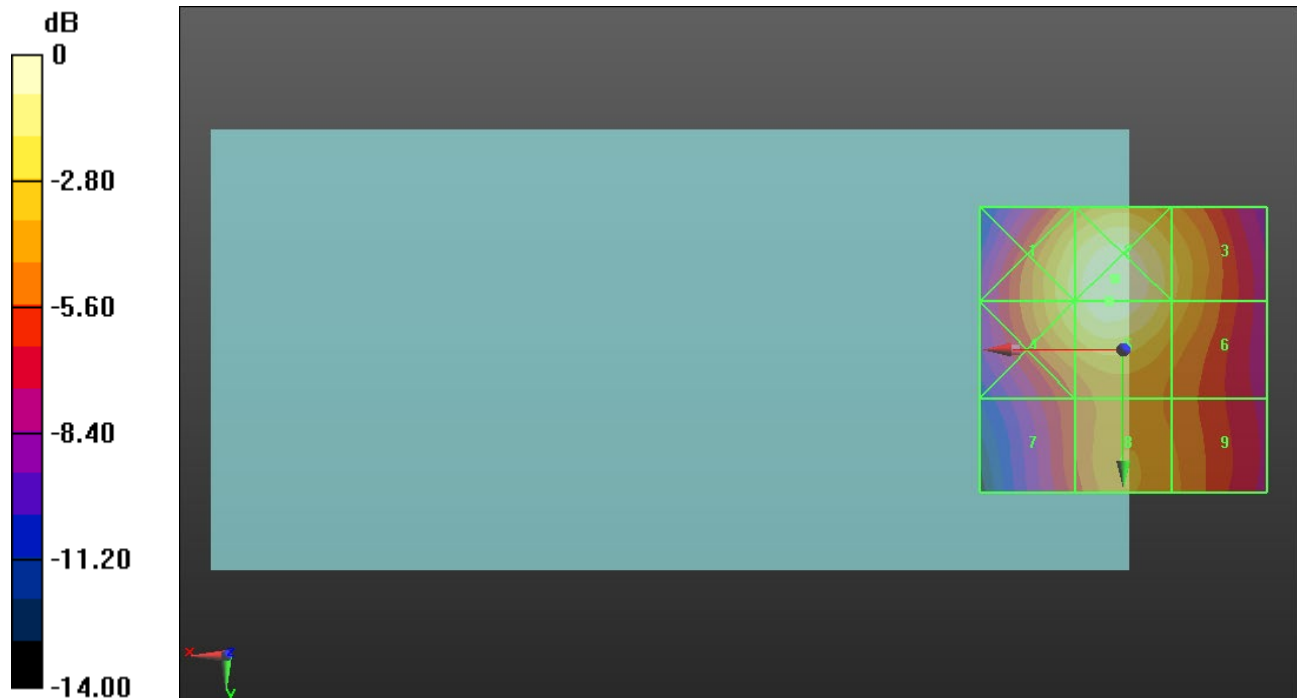
Applied MIF = -1.44 dB

RF audio interference level = 26.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.19 dBV/m	Grid 2 M4 26.57 dBV/m	Grid 3 M4 24.19 dBV/m
Grid 4 M4 25.06 dBV/m	Grid 5 M4 26.35 dBV/m	Grid 6 M4 23.95 dBV/m
Grid 7 M4 21.07 dBV/m	Grid 8 M4 22.95 dBV/m	Grid 9 M4 22.19 dBV/m



0 dB = 21.31 V/m = 26.57 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 = 29.21 V/m; Power Drift = 0.00 dB

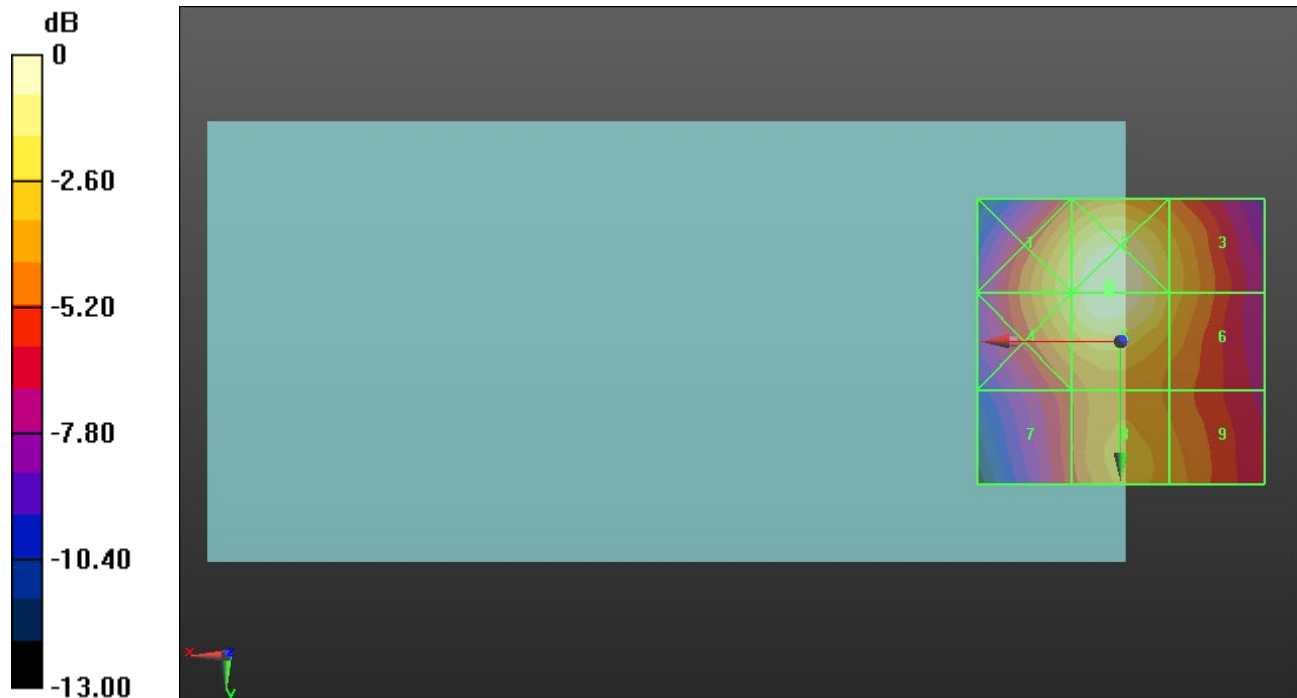
Applied MIF = -1.44 dB

RF audio interference level = 26.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.17 dBV/m	Grid 2 M4 26.65 dBV/m	Grid 3 M4 24.1 dBV/m
Grid 4 M4 25.14 dBV/m	Grid 5 M4 26.59 dBV/m	Grid 6 M4 24.03 dBV/m
Grid 7 M4 21.62 dBV/m	Grid 8 M4 23.54 dBV/m	Grid 9 M4 22.87 dBV/m



0 dB = 21.50 V/m = 26.65 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.52 V/m; Power Drift = -0.09 dB

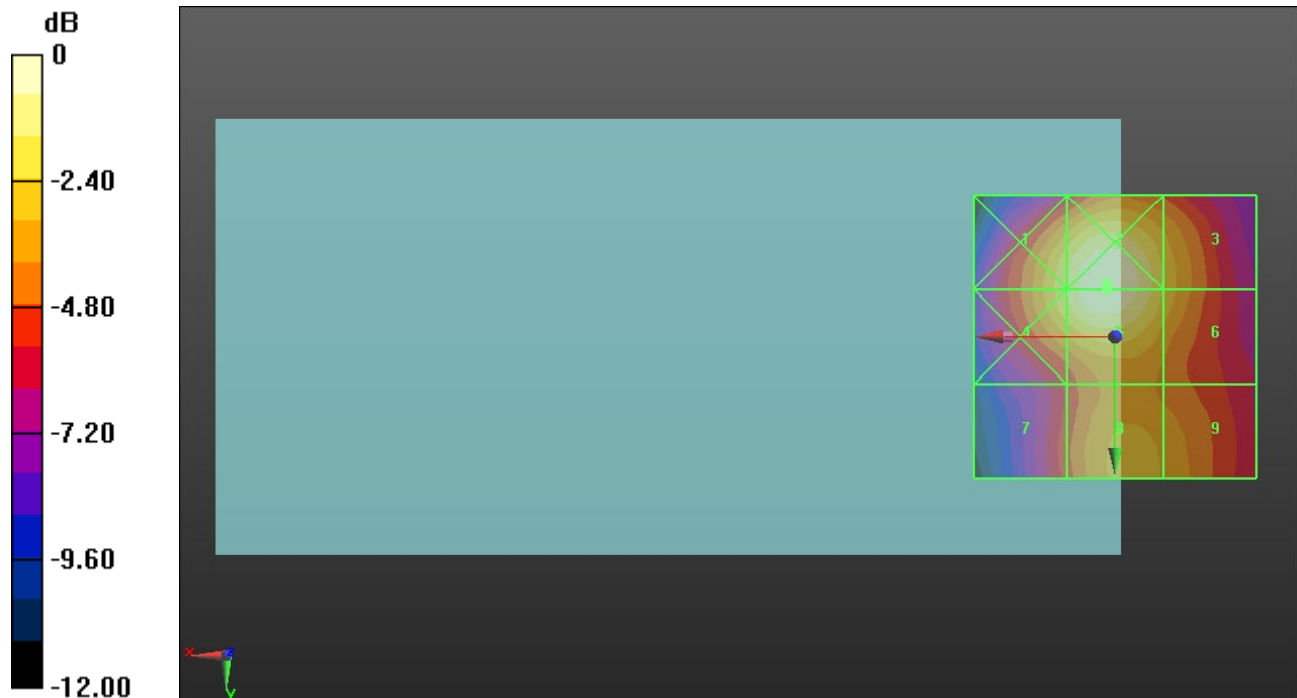
Applied MIF = -1.44 dB

RF audio interference level = 26.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.7 dBV/m	Grid 2 M4 26.23 dBV/m	Grid 3 M4 23.81 dBV/m
Grid 4 M4 24.7 dBV/m	Grid 5 M4 26.2 dBV/m	Grid 6 M4 23.8 dBV/m
Grid 7 M4 21.24 dBV/m	Grid 8 M4 23.35 dBV/m	Grid 9 M4 22.97 dBV/m



0 dB = 20.48 V/m = 26.23 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.14 V/m; Power Drift = 0.02 dB

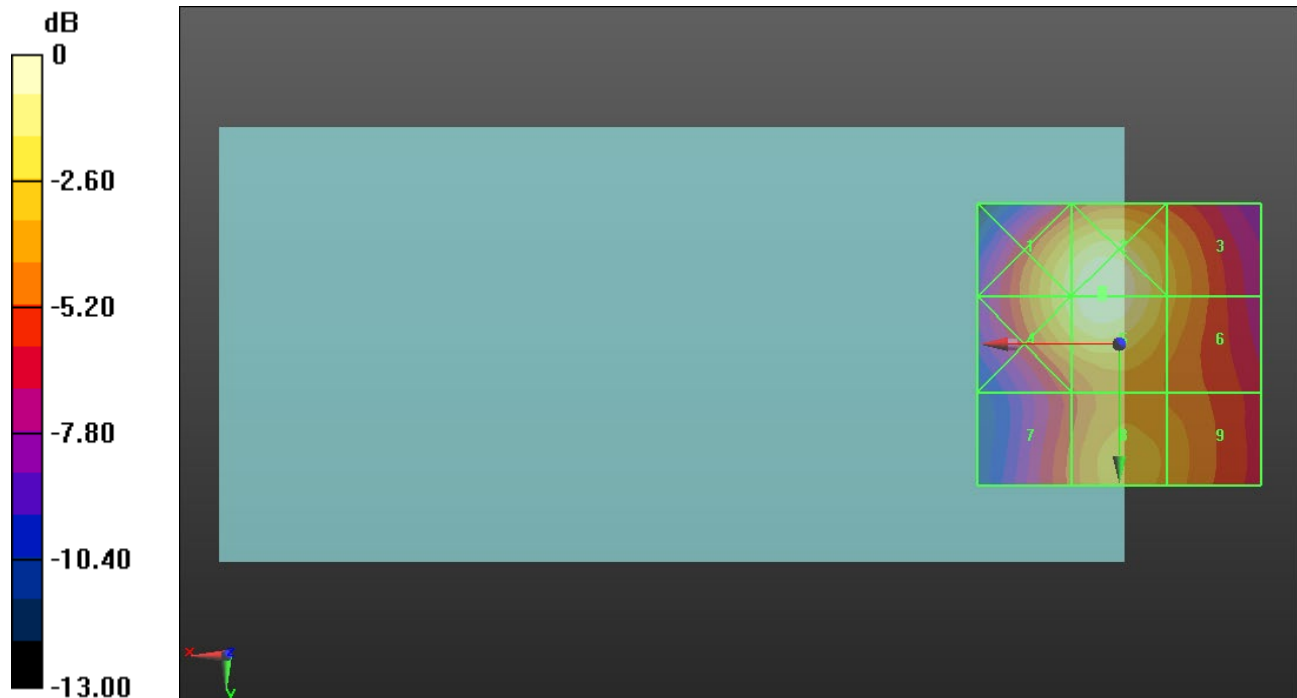
Applied MIF = -1.44 dB

RF audio interference level = 26.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.16 dBV/m	Grid 2 M4 26.34 dBV/m	Grid 3 M4 23.41 dBV/m
Grid 4 M4 25.14 dBV/m	Grid 5 M4 26.31 dBV/m	Grid 6 M4 23.39 dBV/m
Grid 7 M4 21.49 dBV/m	Grid 8 M4 23.37 dBV/m	Grid 9 M4 22.71 dBV/m



0 dB = 20.74 V/m = 26.34 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 = 28.28 V/m; Power Drift = 0.16 dB

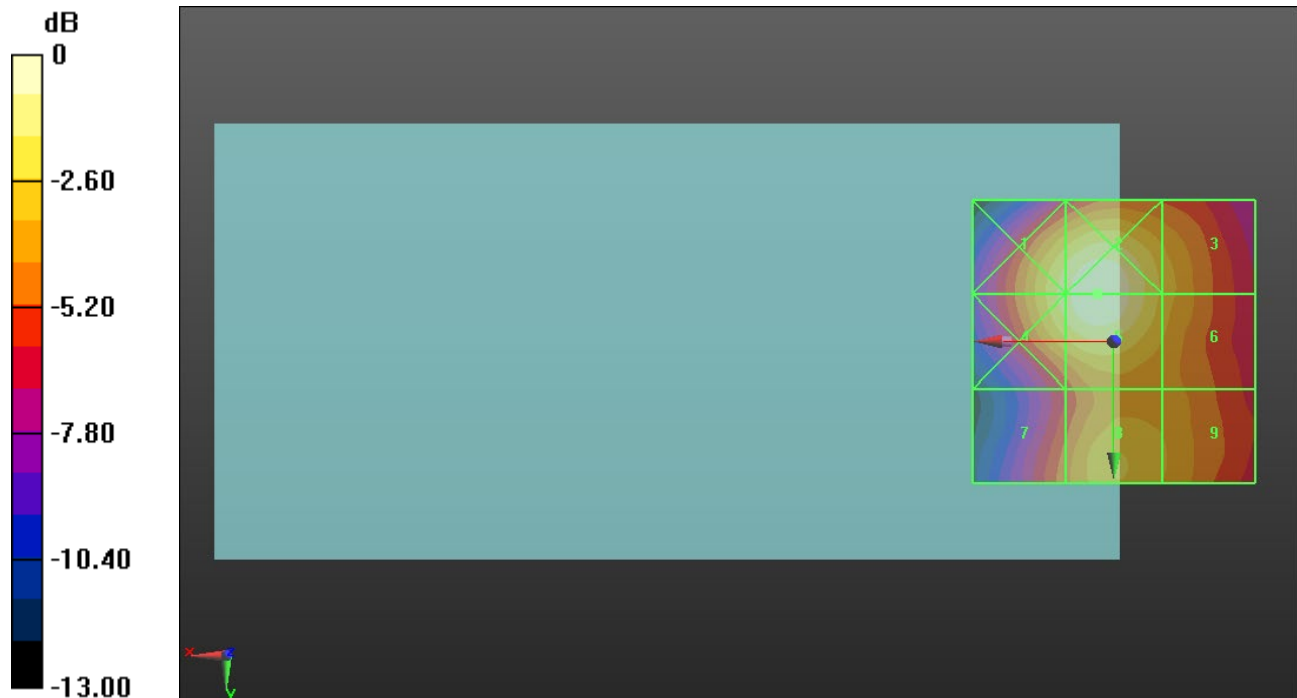
Applied MIF = -1.44 dB

RF audio interference level = 25.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.83 dBV/m	Grid 2 M4 25.99 dBV/m	Grid 3 M4 23.25 dBV/m
Grid 4 M4 24.83 dBV/m	Grid 5 M4 25.99 dBV/m	Grid 6 M4 23.23 dBV/m
Grid 7 M4 21.43 dBV/m	Grid 8 M4 23.47 dBV/m	Grid 9 M4 22.68 dBV/m



0 dB = 19.94 V/m = 25.99 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 = 28.71 V/m; Power Drift = 0.05 dB

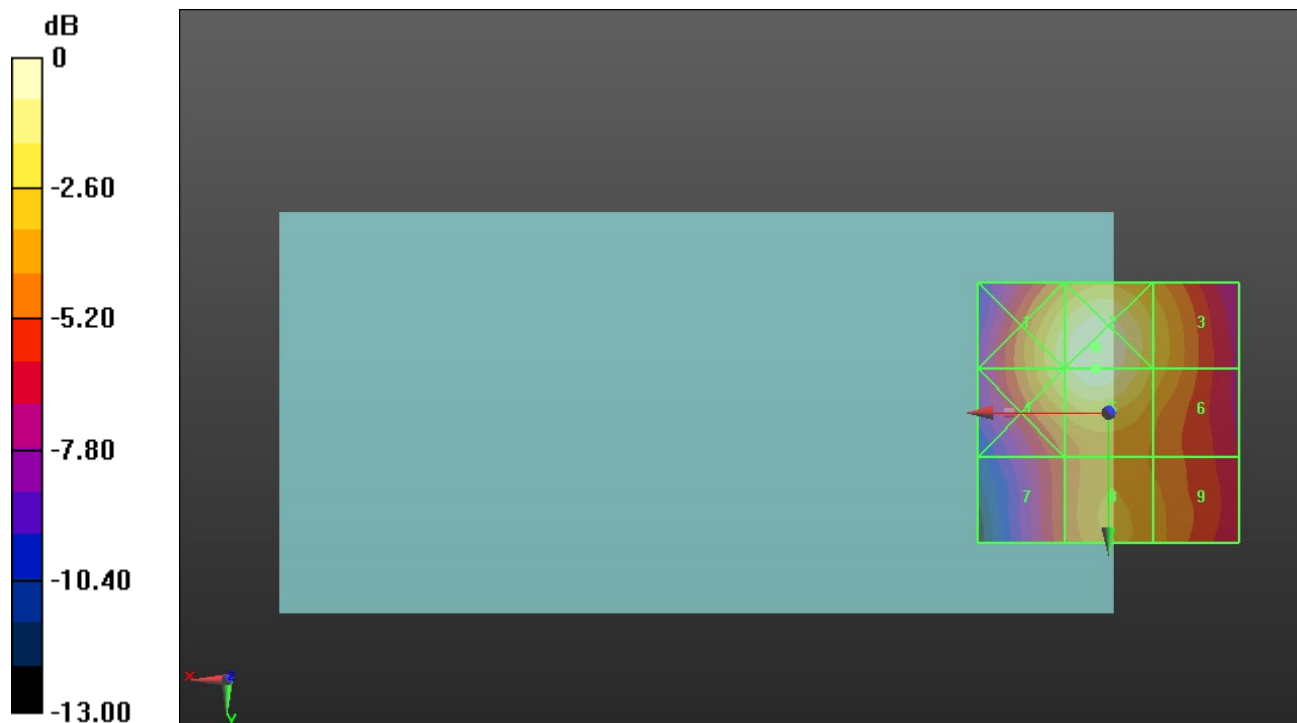
Applied MIF = -1.44 dB

RF audio interference level = 27.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.4 dBV/m	Grid 2 M4 27.51 dBV/m	Grid 3 M4 25.08 dBV/m
Grid 4 M4 26.22 dBV/m	Grid 5 M4 27.29 dBV/m	Grid 6 M4 24.85 dBV/m
Grid 7 M4 22.45 dBV/m	Grid 8 M4 24.29 dBV/m	Grid 9 M4 23.62 dBV/m



0 dB = 23.75 V/m = 27.51 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 = 30.24 V/m; Power Drift = 0.05 dB

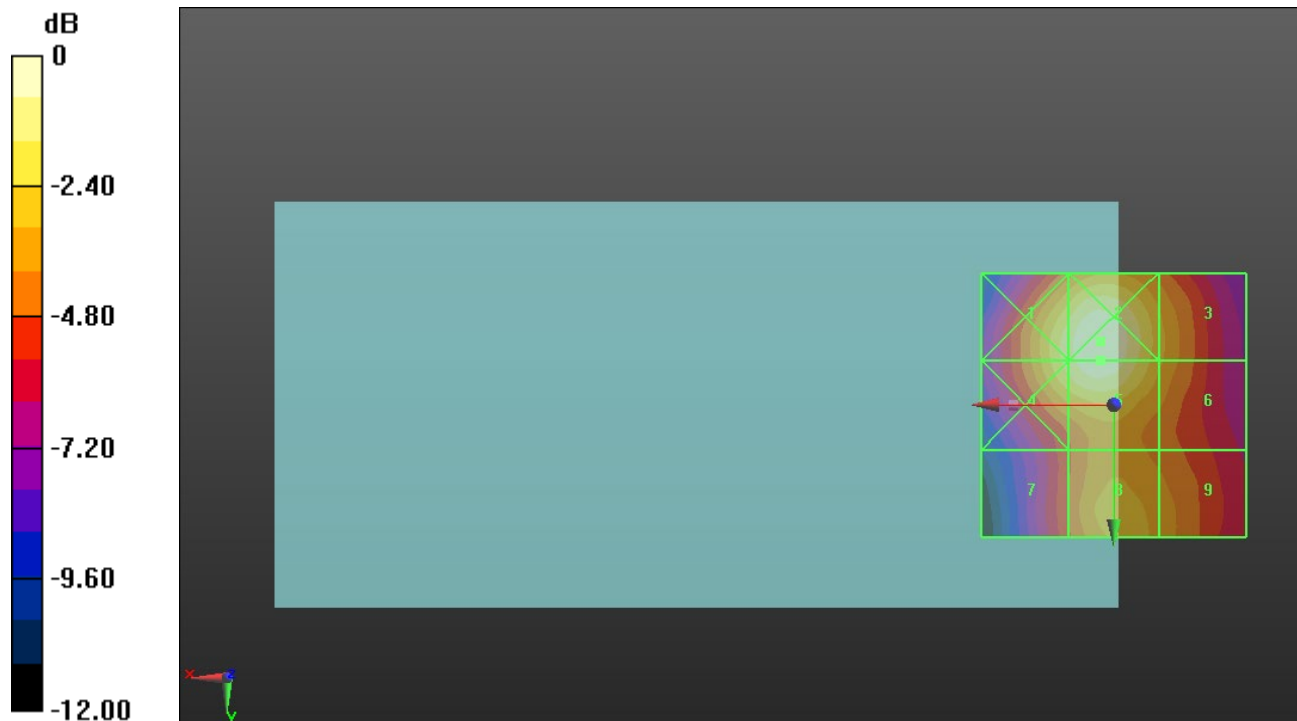
Applied MIF = -1.44 dB

RF audio interference level = 27.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.96 dBV/m	Grid 2 M4 27.95 dBV/m	Grid 3 M4 25.16 dBV/m
Grid 4 M4 26.84 dBV/m	Grid 5 M4 27.77 dBV/m	Grid 6 M4 25.03 dBV/m
Grid 7 M4 23.26 dBV/m	Grid 8 M4 25.18 dBV/m	Grid 9 M4 24.48 dBV/m



0 dB = 24.97 V/m = 27.95 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 = 31.36 V/m; Power Drift = -0.18 dB

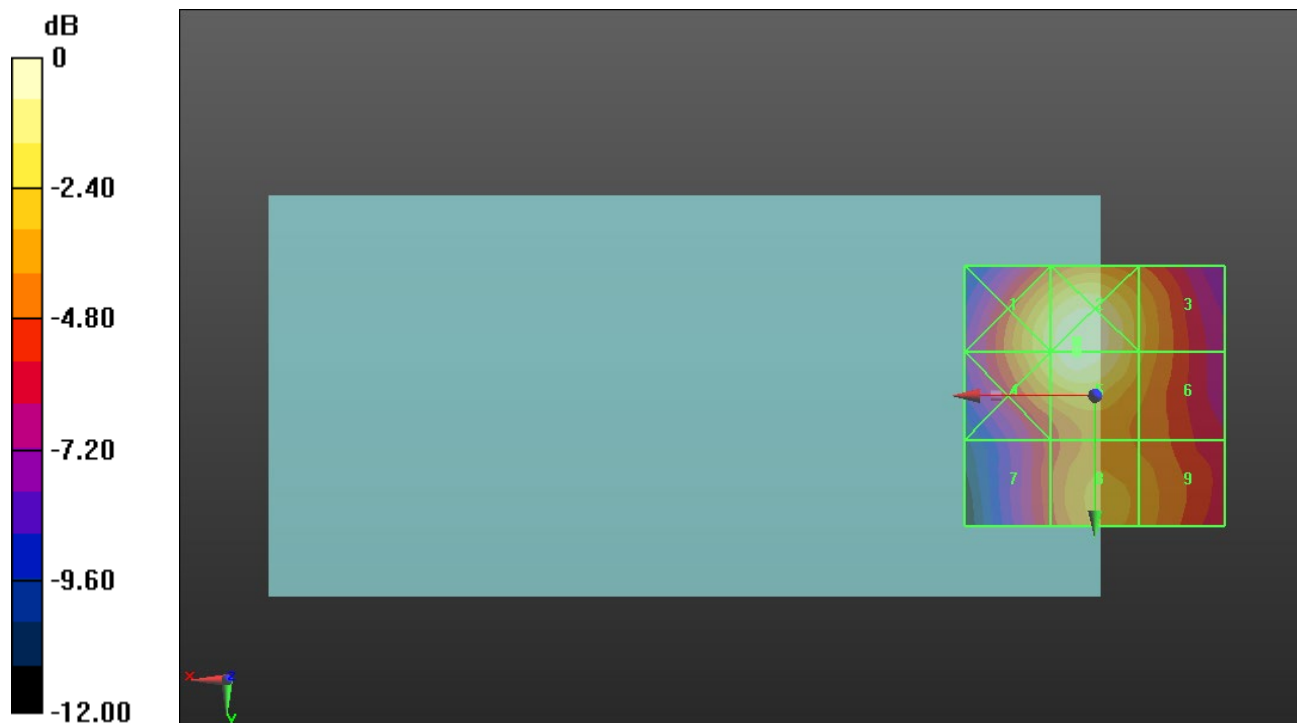
Applied MIF = -1.44 dB

RF audio interference level = 27.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.01 dBV/m	Grid 2 M4 28.06 dBV/m	Grid 3 M4 25.33 dBV/m
Grid 4 M4 26.9 dBV/m	Grid 5 M4 27.93 dBV/m	Grid 6 M4 25.18 dBV/m
Grid 7 M4 23.18 dBV/m	Grid 8 M4 25.17 dBV/m	Grid 9 M4 24.62 dBV/m



0 dB = 25.30 V/m = 28.06 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 = 32.00 V/m; Power Drift = -0.06 dB

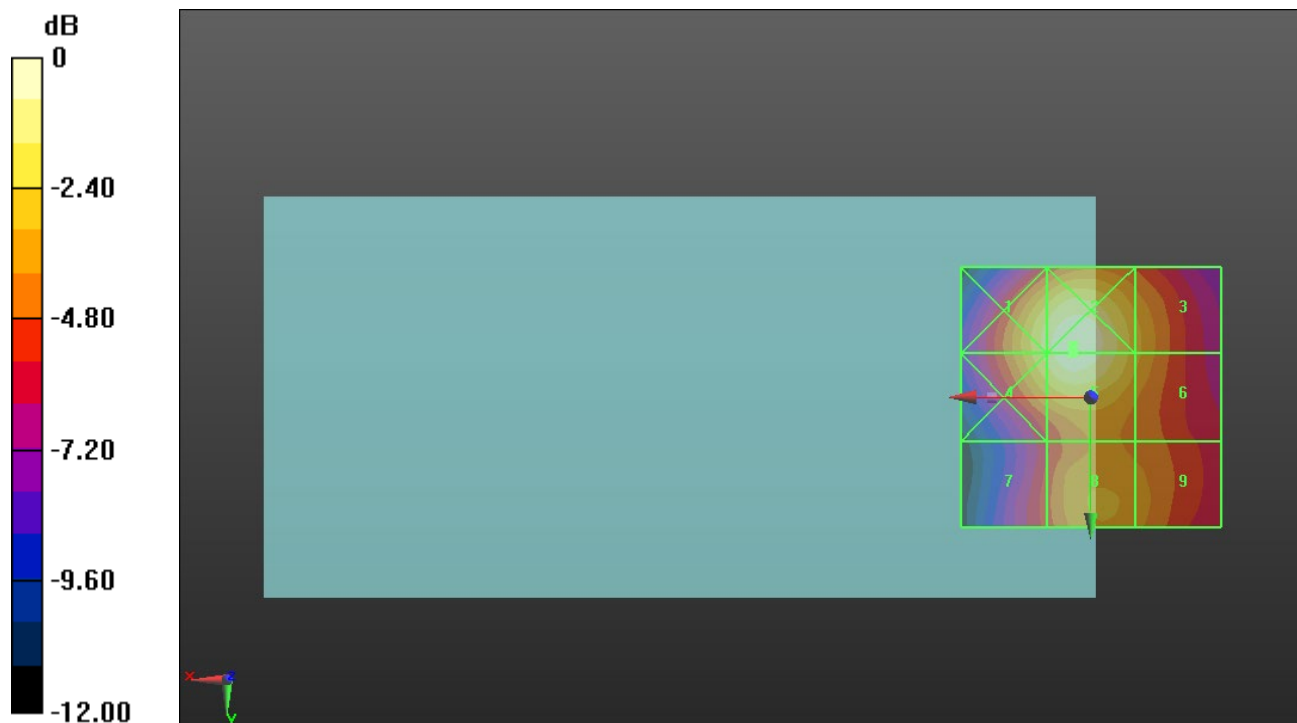
Applied MIF = -1.44 dB

RF audio interference level = 28.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.98 dBV/m	Grid 2 M4 28.15 dBV/m	Grid 3 M4 25.37 dBV/m
Grid 4 M4 26.89 dBV/m	Grid 5 M4 28.04 dBV/m	Grid 6 M4 25.32 dBV/m
Grid 7 M4 23.07 dBV/m	Grid 8 M4 25.1 dBV/m	Grid 9 M4 24.61 dBV/m



0 dB = 25.55 V/m = 28.15 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 = 32.64 V/m; Power Drift = -0.04 dB

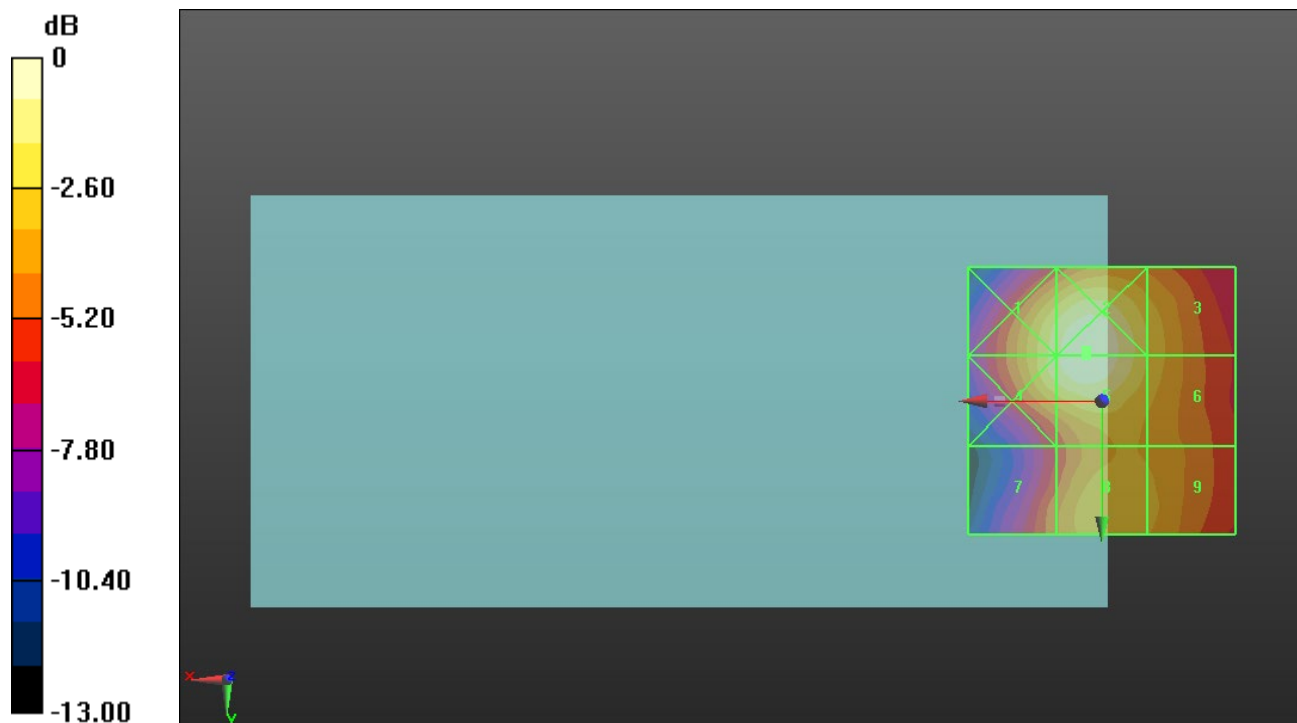
Applied MIF = -1.44 dB

RF audio interference level = 27.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.54 dBV/m	Grid 2 M4 27.67 dBV/m	Grid 3 M4 25.15 dBV/m
Grid 4 M4 26.57 dBV/m	Grid 5 M4 27.65 dBV/m	Grid 6 M4 25.13 dBV/m
Grid 7 M4 23.24 dBV/m	Grid 8 M4 25.07 dBV/m	Grid 9 M4 24.51 dBV/m



0 dB = 24.17 V/m = 27.67 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 = 50.82 V/m; Power Drift = -0.02 dB

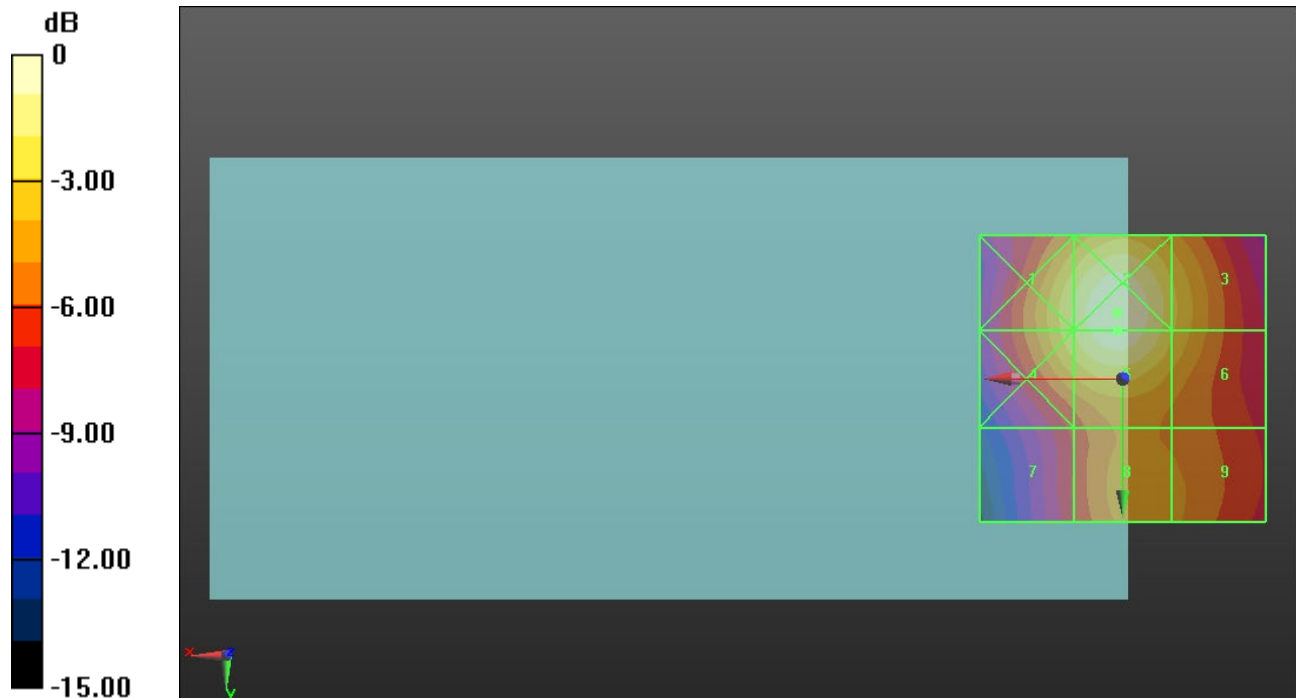
Applied MIF = -1.44 dB

RF audio interference level = 32.09 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.48 dBV/m	Grid 2 M3 32.31 dBV/m	Grid 3 M4 29.74 dBV/m
Grid 4 M3 30.33 dBV/m	Grid 5 M3 32.09 dBV/m	Grid 6 M4 29.56 dBV/m
Grid 7 M4 25.72 dBV/m	Grid 8 M4 27.99 dBV/m	Grid 9 M4 27.63 dBV/m



0 dB = 41.25 V/m = 32.31 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.82 V/m; Power Drift = -0.01 dB

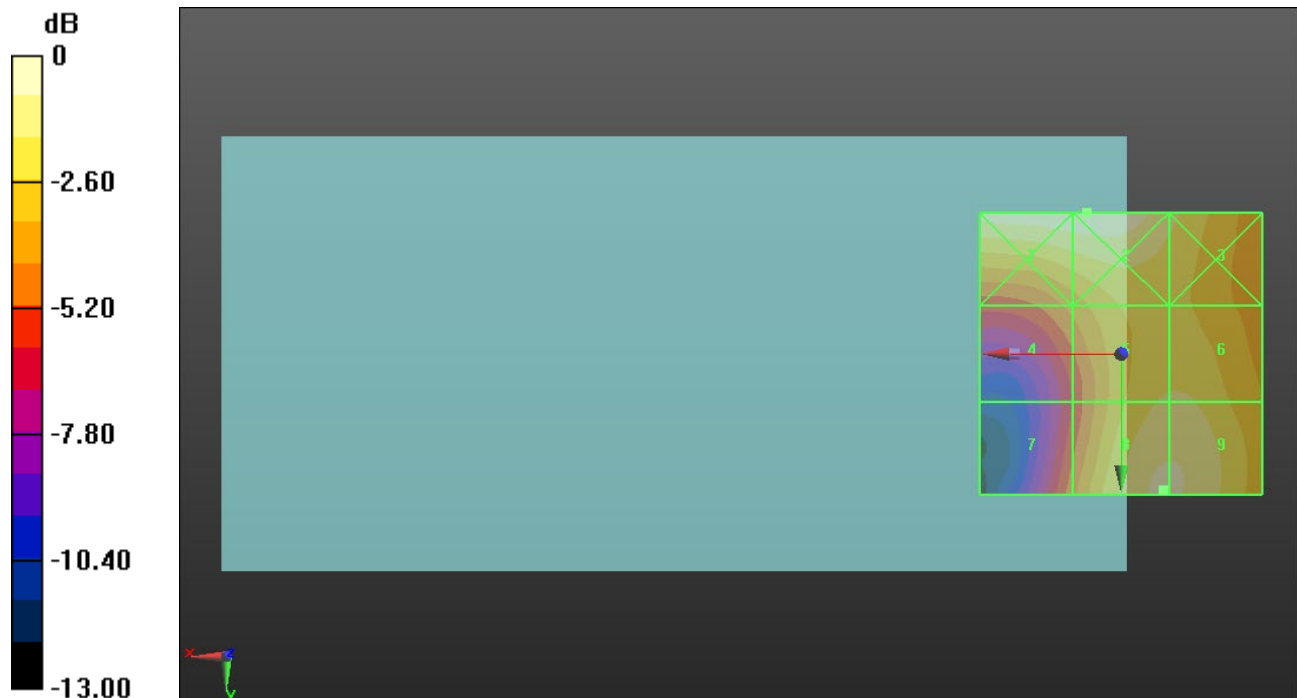
Applied MIF = 3.63 dB

RF audio interference level = 29.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.83 dBV/m	Grid 2 M4 29.89 dBV/m	Grid 3 M4 28.48 dBV/m
Grid 4 M4 25.91 dBV/m	Grid 5 M4 28.31 dBV/m	Grid 6 M4 28.34 dBV/m
Grid 7 M4 25.39 dBV/m	Grid 8 M4 29.15 dBV/m	Grid 9 M4 29.14 dBV/m



0 dB = 31.21 V/m = 29.89 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 = 20.17 V/m; Power Drift = -0.01 dB

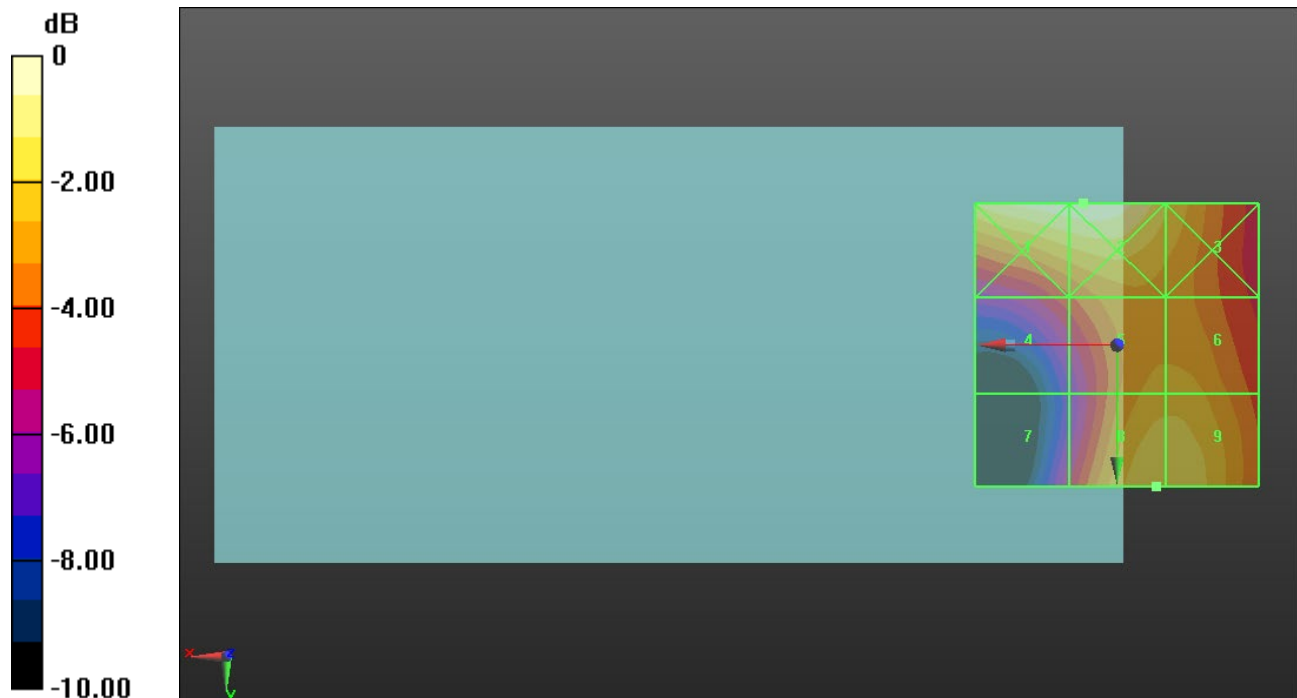
Applied MIF = 3.63 dB

RF audio interference level = 29.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.5 dBV/m	Grid 2 M3 30.61 dBV/m	Grid 3 M4 28.79 dBV/m
Grid 4 M4 26.49 dBV/m	Grid 5 M4 28.3 dBV/m	Grid 6 M4 28.31 dBV/m
Grid 7 M4 25.31 dBV/m	Grid 8 M4 29.27 dBV/m	Grid 9 M4 29.25 dBV/m



0 dB = 33.91 V/m = 30.61 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 = 20.25 V/m; Power Drift = -0.13 dB

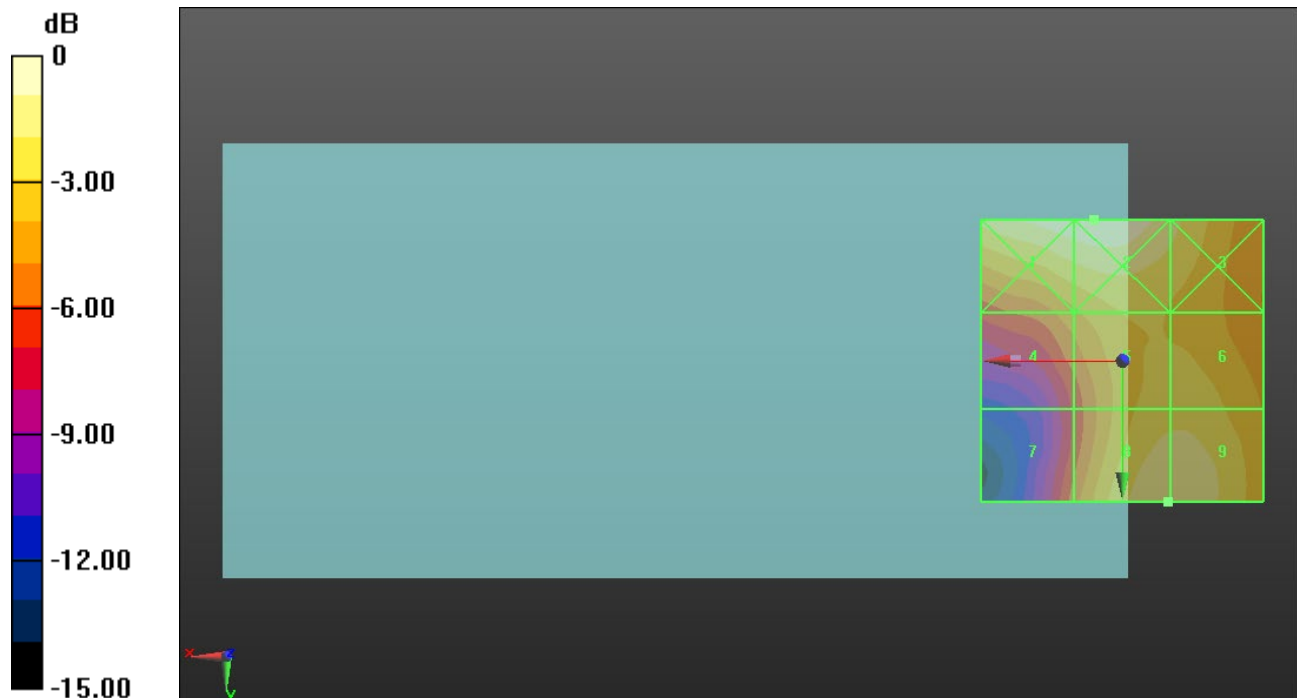
Applied MIF = 3.63 dB

RF audio interference level = 29.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.2 dBV/m	Grid 2 M3 30.37 dBV/m	Grid 3 M4 28.75 dBV/m
Grid 4 M4 26.17 dBV/m	Grid 5 M4 28.06 dBV/m	Grid 6 M4 28.09 dBV/m
Grid 7 M4 25 dBV/m	Grid 8 M4 29.12 dBV/m	Grid 9 M4 29.11 dBV/m



0 dB = 32.99 V/m = 30.37 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 = 11.37 V/m; Power Drift = 0.02 dB

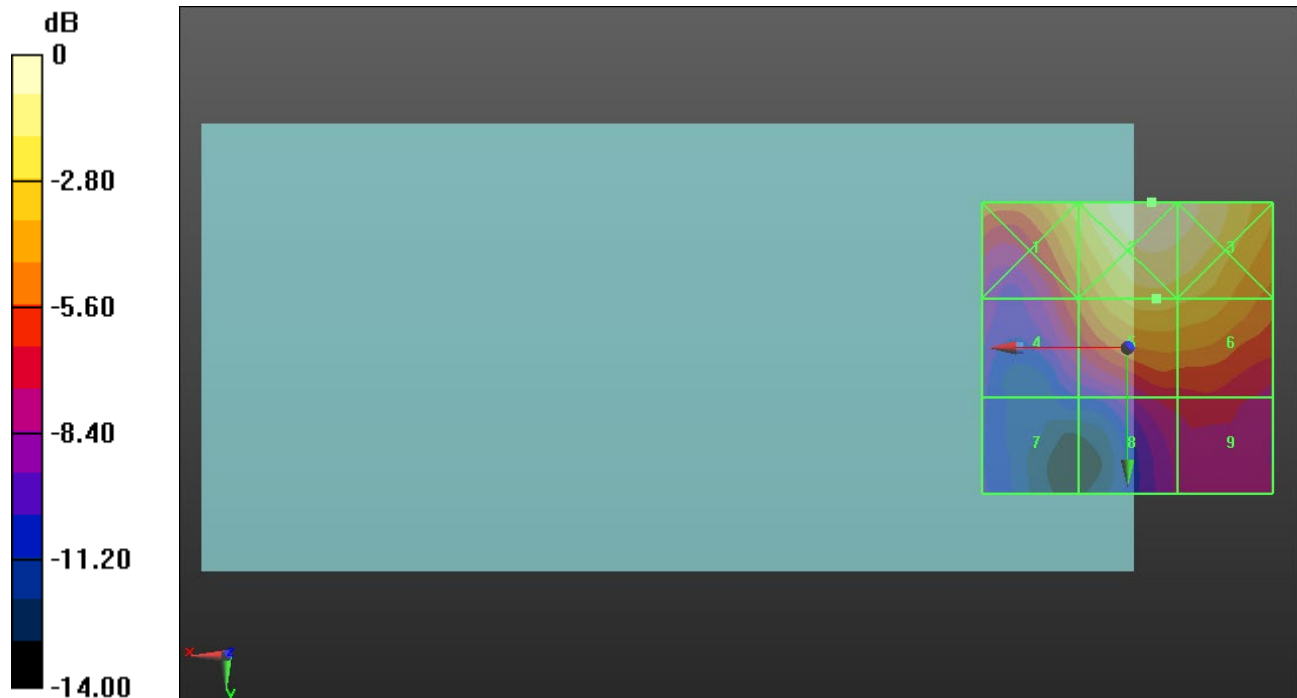
Applied MIF = -1.44 dB

RF audio interference level = 20.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.85 dBV/m	Grid 2 M4 22.92 dBV/m	Grid 3 M4 22.47 dBV/m
Grid 4 M4 17.63 dBV/m	Grid 5 M4 20.67 dBV/m	Grid 6 M4 20.39 dBV/m
Grid 7 M4 13.02 dBV/m	Grid 8 M4 16.01 dBV/m	Grid 9 M4 16.3 dBV/m



0 dB = 13.99 V/m = 22.92 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 = 13.81 V/m; Power Drift = 0.17 dB

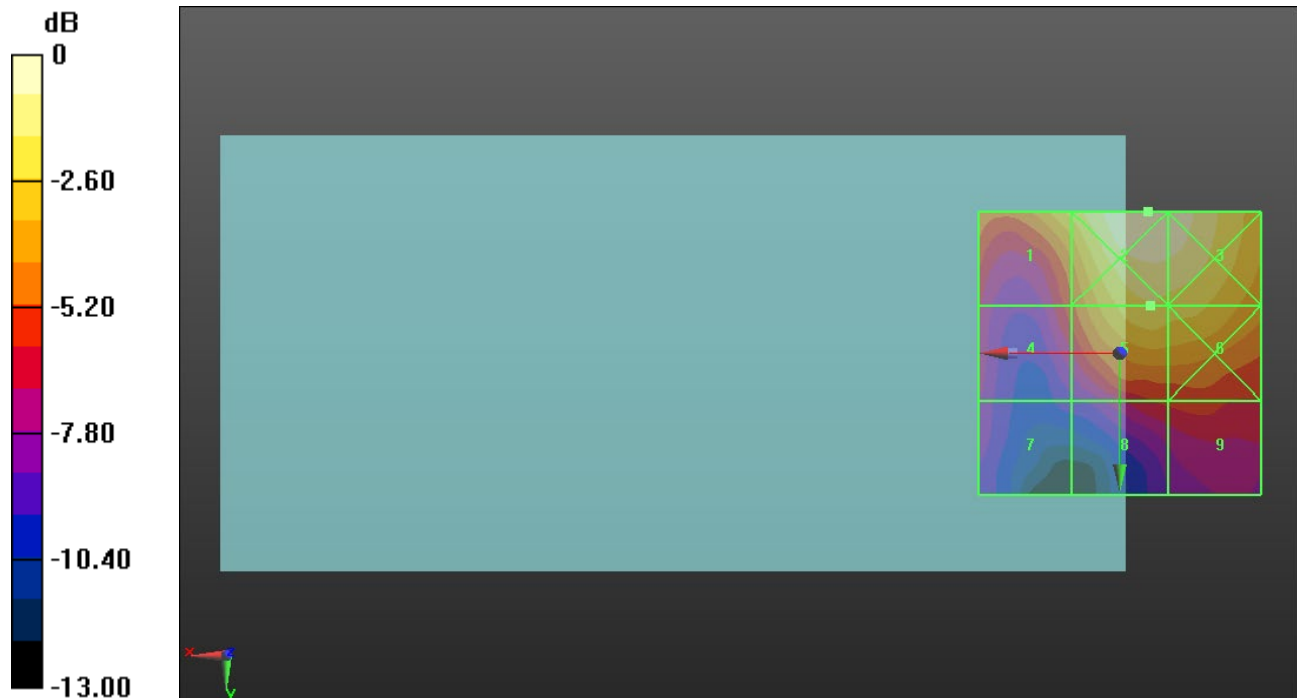
Applied MIF = -1.44 dB

RF audio interference level = 21.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.48 dBV/m	Grid 2 M4 23.72 dBV/m	Grid 3 M4 23.57 dBV/m
Grid 4 M4 18.28 dBV/m	Grid 5 M4 21.87 dBV/m	Grid 6 M4 21.68 dBV/m
Grid 7 M4 16.04 dBV/m	Grid 8 M4 17.87 dBV/m	Grid 9 M4 18.13 dBV/m



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

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.39 V/m; Power Drift = -0.04 dB

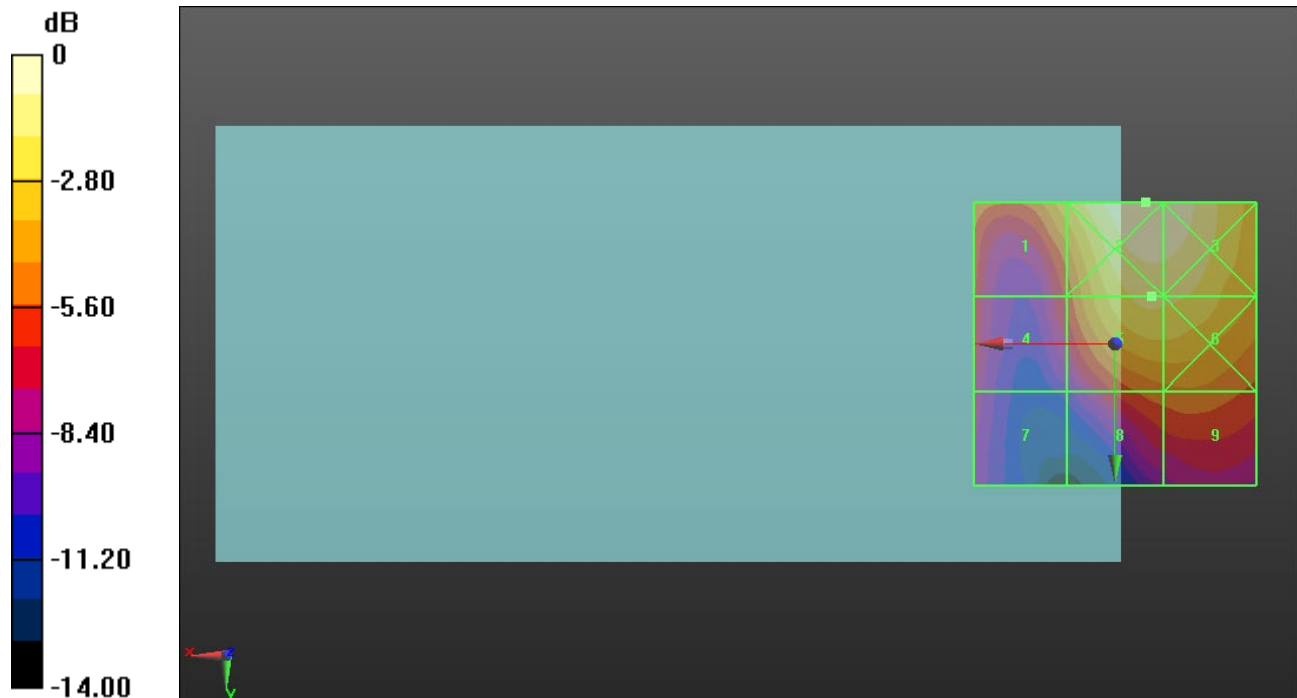
Applied MIF = -1.44 dB

RF audio interference level = 23.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.8 dBV/m	Grid 2 M4 24.71 dBV/m	Grid 3 M4 24.54 dBV/m
Grid 4 M4 18.56 dBV/m	Grid 5 M4 23.16 dBV/m	Grid 6 M4 23.12 dBV/m
Grid 7 M4 17.19 dBV/m	Grid 8 M4 19.71 dBV/m	Grid 9 M4 19.9 dBV/m



0 dB = 17.20 V/m = 24.71 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.36 V/m; Power Drift = 0.07 dB

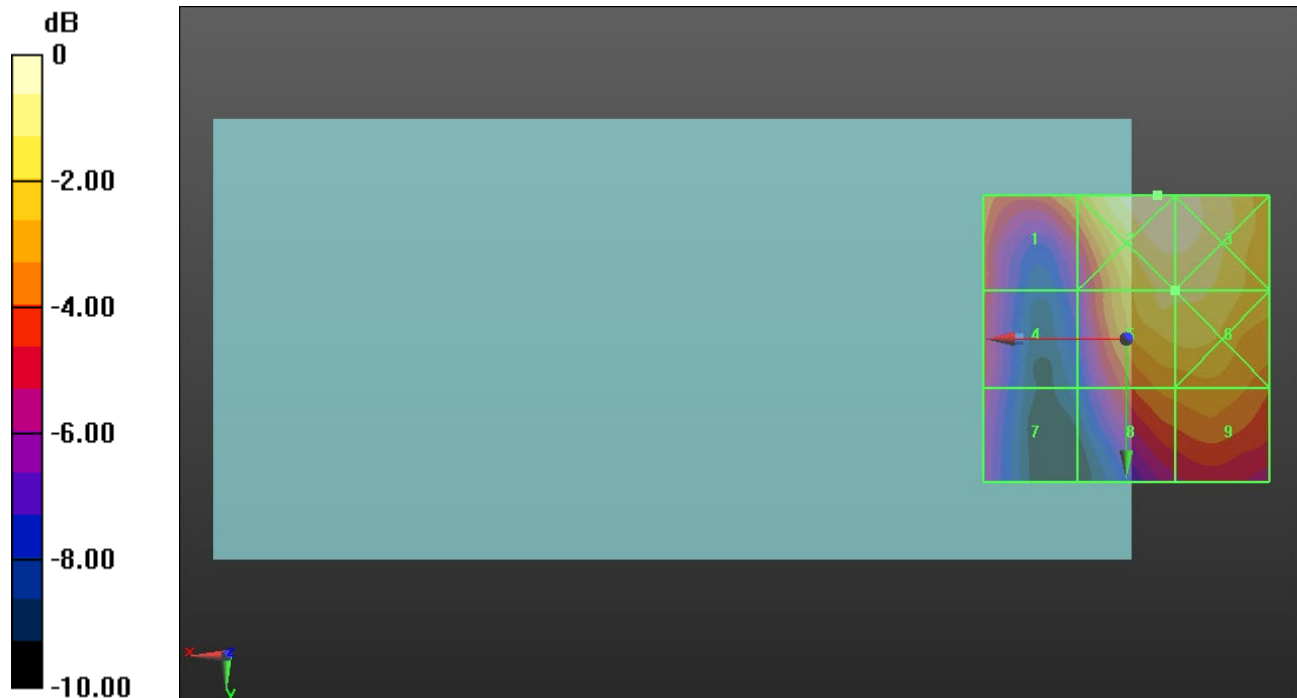
Applied MIF = -1.44 dB

RF audio interference level = 23.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.69 dBV/m	Grid 2 M4 24.32 dBV/m	Grid 3 M4 24.17 dBV/m
Grid 4 M4 20.11 dBV/m	Grid 5 M4 23.19 dBV/m	Grid 6 M4 23.2 dBV/m
Grid 7 M4 19.02 dBV/m	Grid 8 M4 21.29 dBV/m	Grid 9 M4 21.44 dBV/m



0 dB = 16.45 V/m = 24.32 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 = 14.42 V/m; Power Drift = 0.15 dB

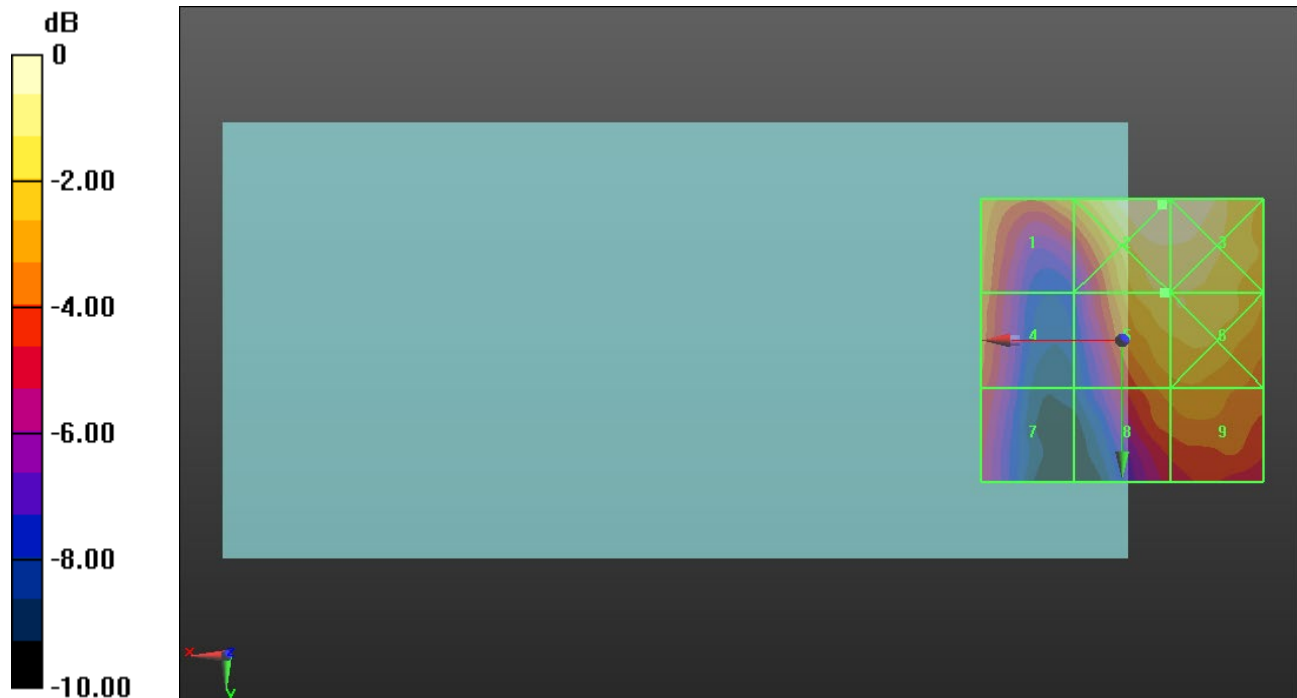
Applied MIF = -1.44 dB

RF audio interference level = 22.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.01 dBV/m	Grid 2 M4 23.41 dBV/m	Grid 3 M4 23.37 dBV/m
Grid 4 M4 20.25 dBV/m	Grid 5 M4 22.08 dBV/m	Grid 6 M4 22.1 dBV/m
Grid 7 M4 18.95 dBV/m	Grid 8 M4 20.41 dBV/m	Grid 9 M4 20.67 dBV/m



0 dB = 14.80 V/m = 23.41 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 = 14.17 V/m; Power Drift = 0.01 dB

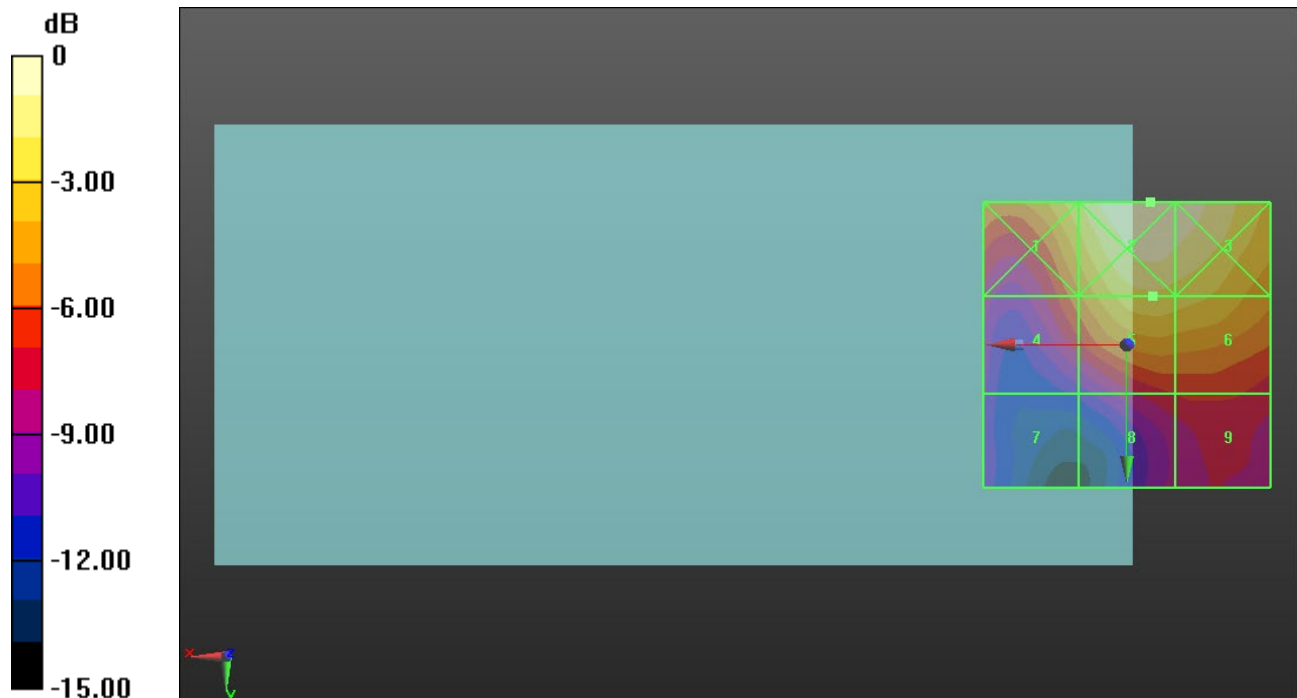
Applied MIF = -1.44 dB

RF audio interference level = 22.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.68 dBV/m	Grid 2 M4 24.79 dBV/m	Grid 3 M4 24.47 dBV/m
Grid 4 M4 19.53 dBV/m	Grid 5 M4 22.57 dBV/m	Grid 6 M4 22.31 dBV/m
Grid 7 M4 15.05 dBV/m	Grid 8 M4 17.87 dBV/m	Grid 9 M4 18.07 dBV/m



0 dB = 17.36 V/m = 24.79 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 = 17.14 V/m; Power Drift = 0.02 dB

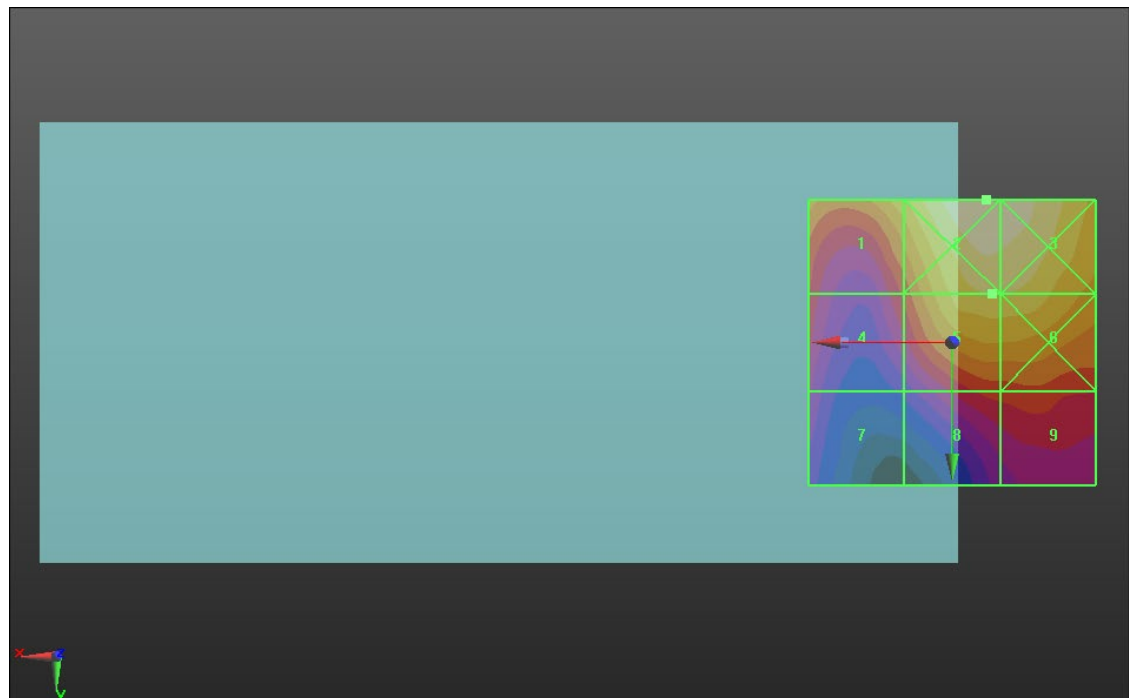
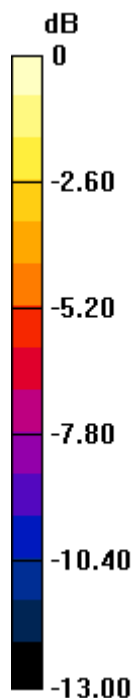
Applied MIF = -1.44 dB

RF audio interference level = 24.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.05 dBV/m	Grid 2 M4 25.74 dBV/m	Grid 3 M4 25.58 dBV/m
Grid 4 M4 19.9 dBV/m	Grid 5 M4 24.02 dBV/m	Grid 6 M4 24 dBV/m
Grid 7 M4 18.22 dBV/m	Grid 8 M4 20.11 dBV/m	Grid 9 M4 20.37 dBV/m



0 dB = 19.35 V/m = 25.73 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 = 20.51 V/m; Power Drift = 0.03 dB

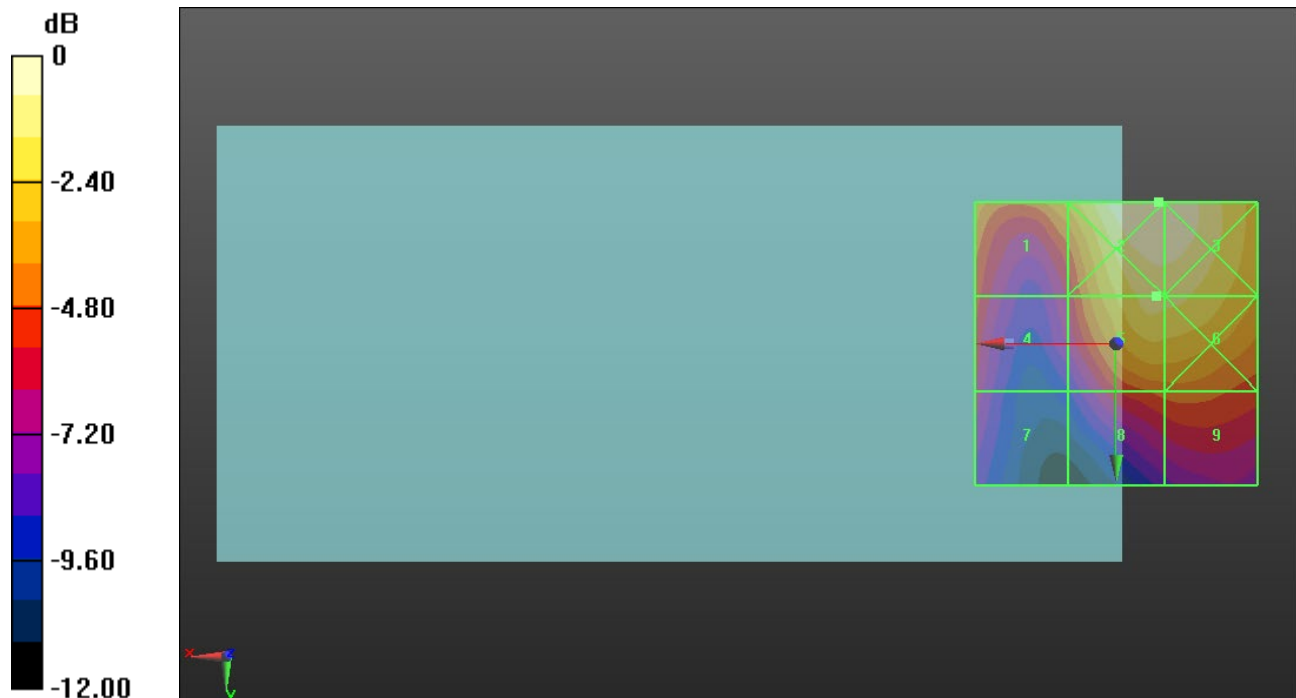
Applied MIF = -1.44 dB

RF audio interference level = 25.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.71 dBV/m	Grid 2 M4 26.56 dBV/m	Grid 3 M4 26.54 dBV/m
Grid 4 M4 21.53 dBV/m	Grid 5 M4 25.29 dBV/m	Grid 6 M4 25.27 dBV/m
Grid 7 M4 20.1 dBV/m	Grid 8 M4 22.09 dBV/m	Grid 9 M4 22.23 dBV/m



0 dB = 21.27 V/m = 26.56 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 = 21.88 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.7 dBV/m	Grid 2 M4 26.46 dBV/m	Grid 3 M4 26.4 dBV/m
Grid 4 M4 21.94 dBV/m	Grid 5 M4 25.42 dBV/m	Grid 6 M4 25.49 dBV/m
Grid 7 M4 20.91 dBV/m	Grid 8 M4 23.44 dBV/m	Grid 9 M4 23.52 dBV/m



0 dB = 21.05 V/m = 26.47 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 = 18.83 V/m; Power Drift = -0.16 dB

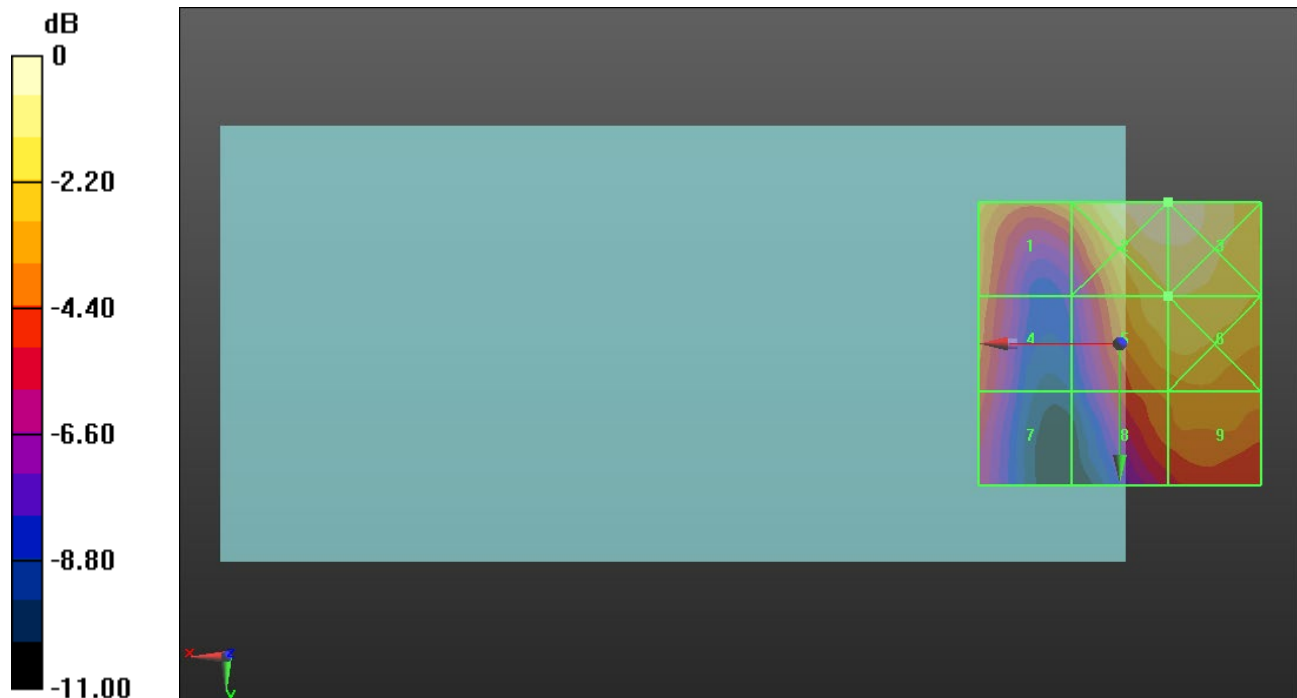
Applied MIF = -1.44 dB

RF audio interference level = 24.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.66 dBV/m	Grid 2 M4 25.99 dBV/m	Grid 3 M4 25.99 dBV/m
Grid 4 M4 22.5 dBV/m	Grid 5 M4 24.44 dBV/m	Grid 6 M4 24.53 dBV/m
Grid 7 M4 21.37 dBV/m	Grid 8 M4 22.55 dBV/m	Grid 9 M4 22.89 dBV/m



0 dB = 19.93 V/m = 25.99 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 = 13.97 V/m; Power Drift = -0.02 dB

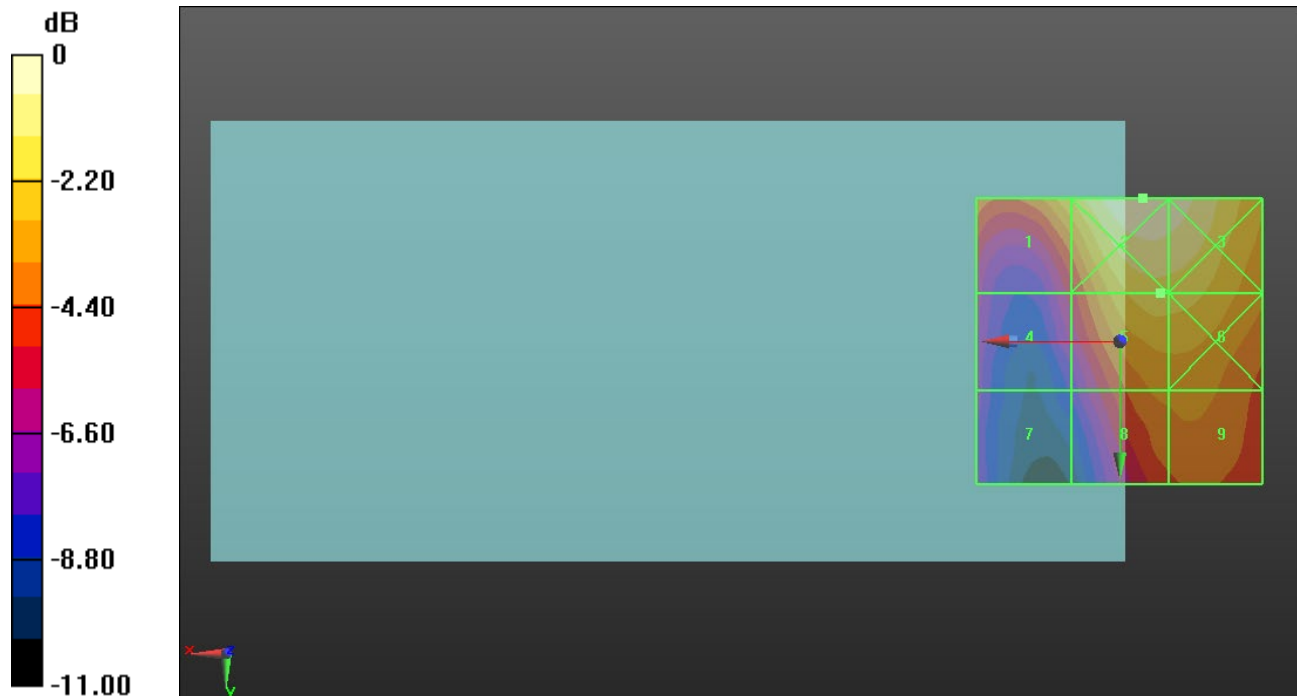
Applied MIF = -2.02 dB

RF audio interference level = 20.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.6 dBV/m	Grid 2 M4 22.73 dBV/m	Grid 3 M4 22.48 dBV/m
Grid 4 M4 17.28 dBV/m	Grid 5 M4 20.98 dBV/m	Grid 6 M4 20.94 dBV/m
Grid 7 M4 15.9 dBV/m	Grid 8 M4 19.27 dBV/m	Grid 9 M4 19.32 dBV/m



0 dB = 13.69 V/m = 22.73 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 = 14.48 V/m; Power Drift = 0.03 dB

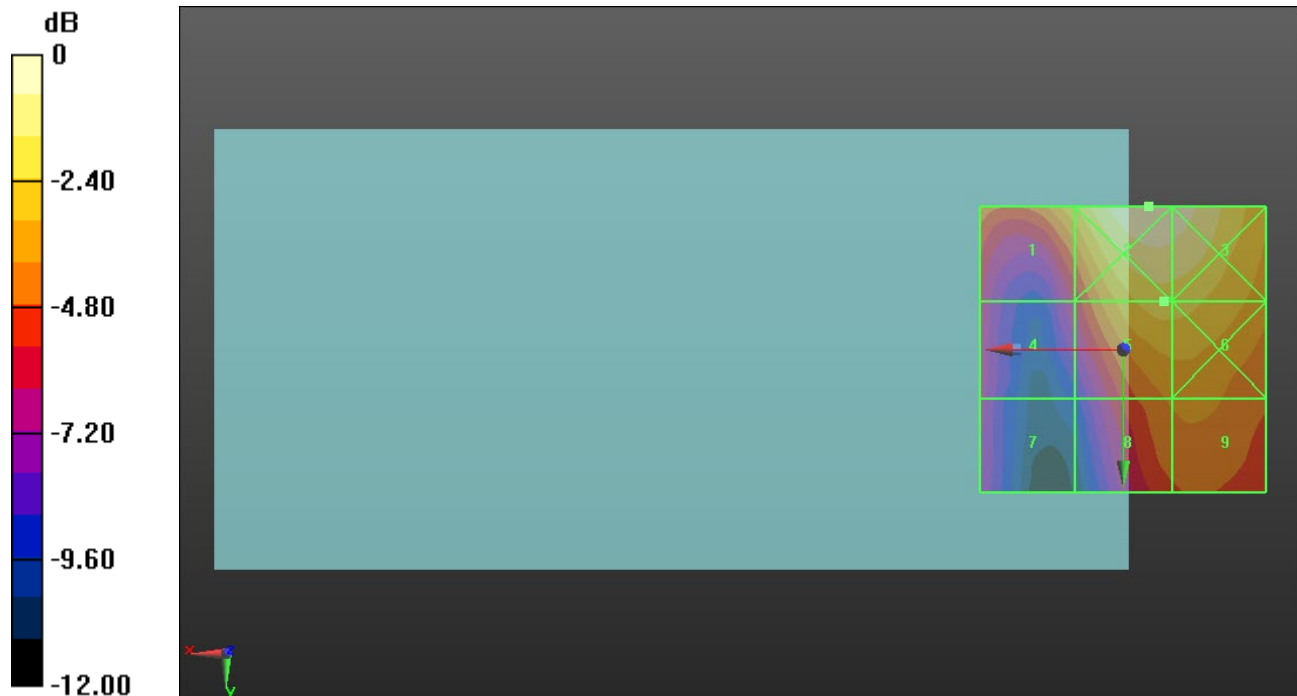
Applied MIF = -2.02 dB

RF audio interference level = 21.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.99 dBV/m	Grid 2 M4 23.4 dBV/m	Grid 3 M4 23.13 dBV/m
Grid 4 M4 17.31 dBV/m	Grid 5 M4 21.42 dBV/m	Grid 6 M4 21.38 dBV/m
Grid 7 M4 16.68 dBV/m	Grid 8 M4 19.55 dBV/m	Grid 9 M4 19.7 dBV/m



0 dB = 14.79 V/m = 23.40 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 = 13.41 V/m; Power Drift = -0.09 dB

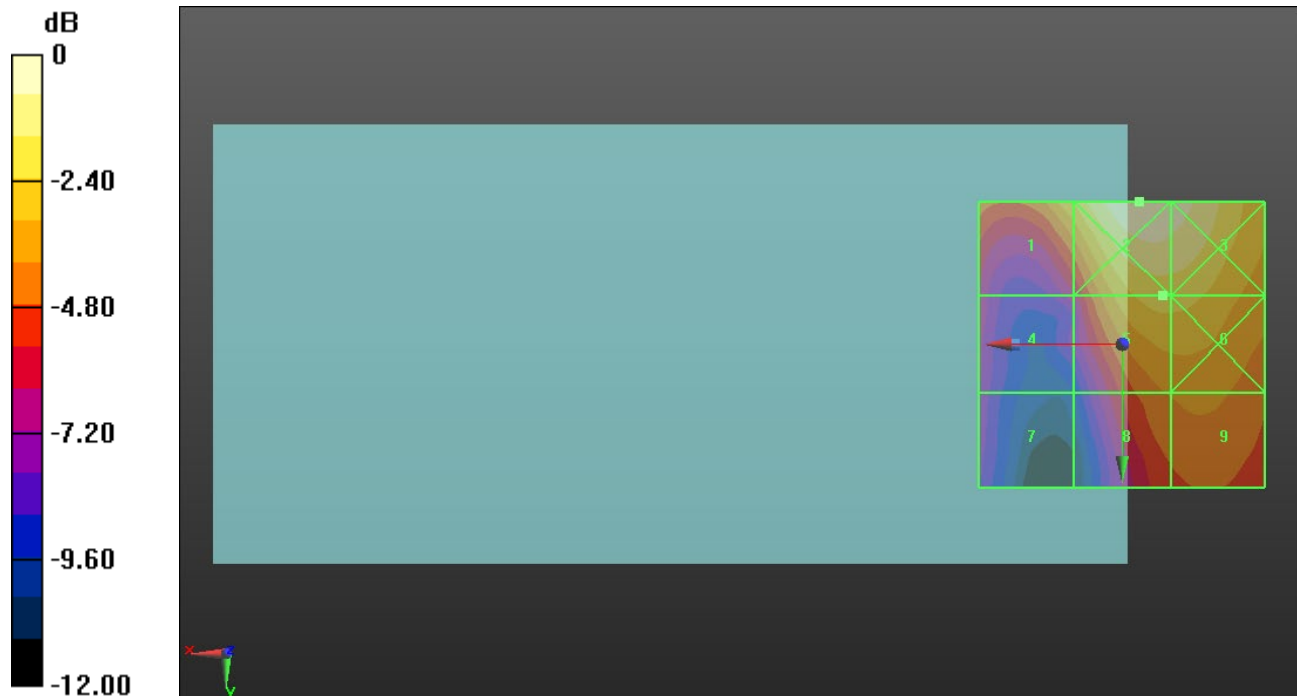
Applied MIF = -2.02 dB

RF audio interference level = 21.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.02 dBV/m	Grid 2 M4 23.29 dBV/m	Grid 3 M4 23 dBV/m
Grid 4 M4 16.88 dBV/m	Grid 5 M4 21.25 dBV/m	Grid 6 M4 21.23 dBV/m
Grid 7 M4 16.07 dBV/m	Grid 8 M4 19.37 dBV/m	Grid 9 M4 19.53 dBV/m



0 dB = 14.60 V/m = 23.29 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 = 14.10 V/m; Power Drift = 0.08 dB

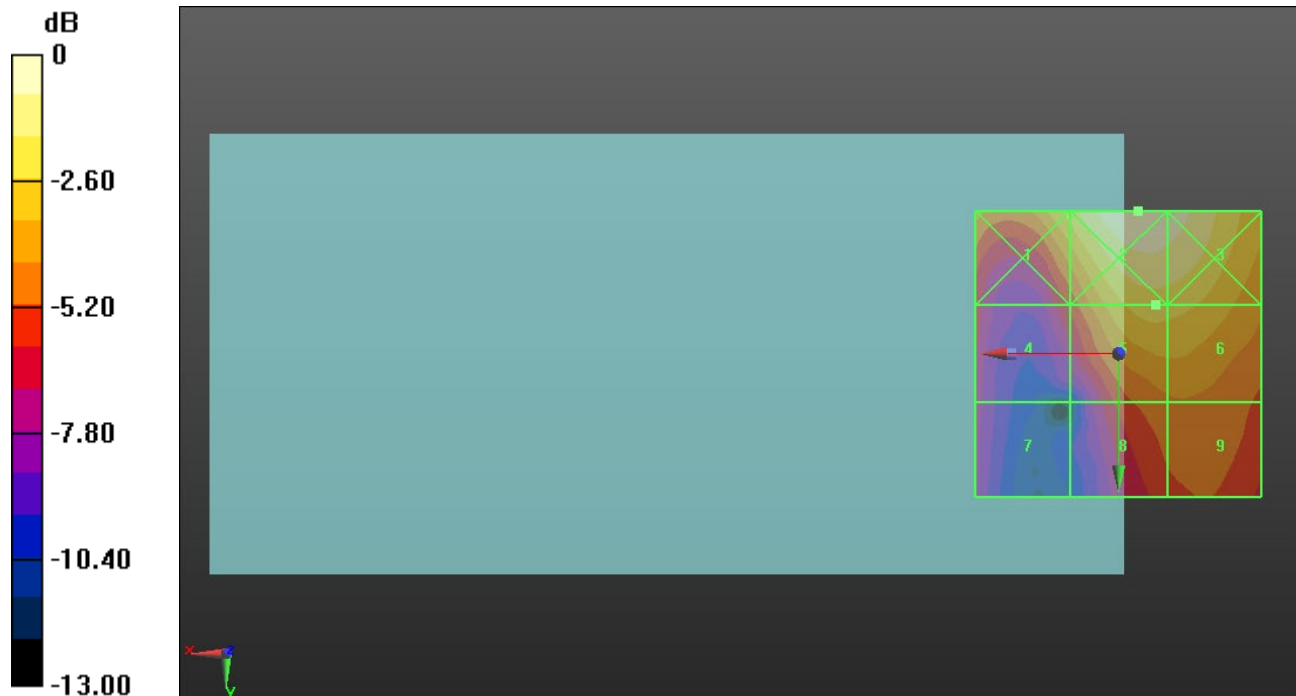
Applied MIF = 0.12 dB

RF audio interference level = 23.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.08 dBV/m	Grid 2 M4 25.2 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 19.4 dBV/m	Grid 5 M4 23.06 dBV/m	Grid 6 M4 22.98 dBV/m
Grid 7 M4 18.01 dBV/m	Grid 8 M4 20.71 dBV/m	Grid 9 M4 20.81 dBV/m



0 dB = 18.19 V/m = 25.20 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 = 14.13 V/m; Power Drift = 0.04 dB

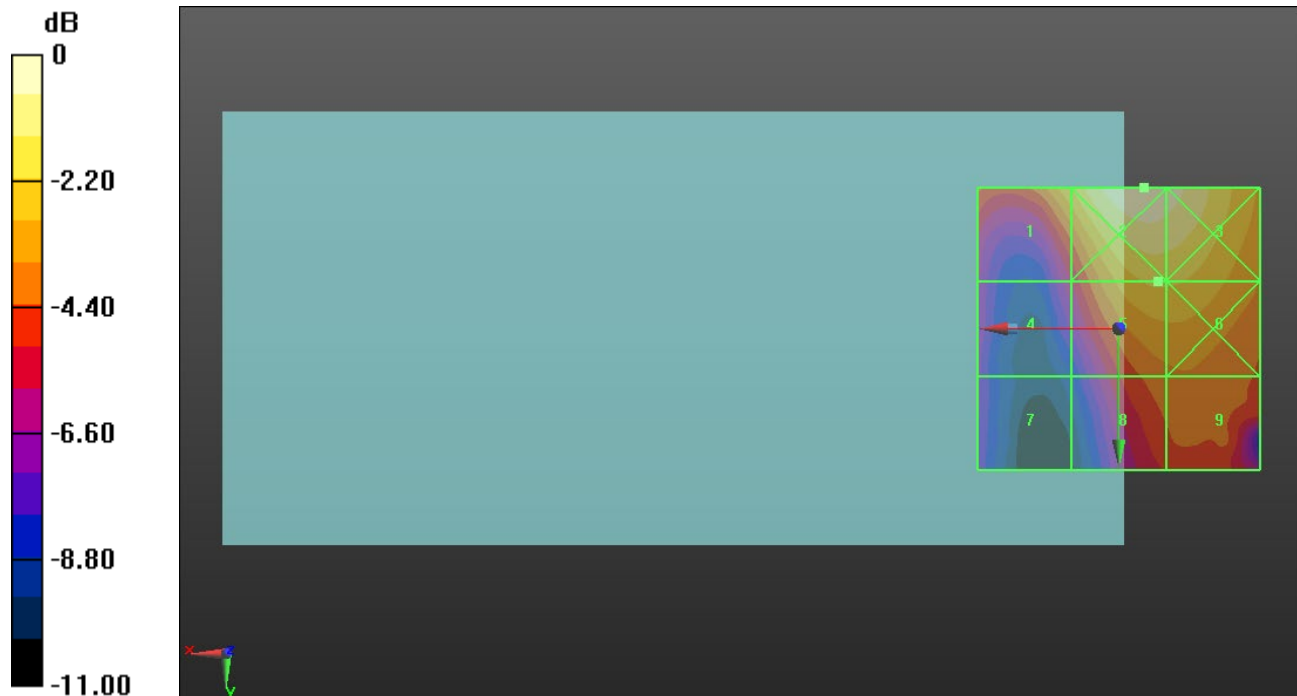
Applied MIF = 0.12 dB

RF audio interference level = 23.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.17 dBV/m	Grid 2 M4 25.35 dBV/m	Grid 3 M4 25.03 dBV/m
Grid 4 M4 19.52 dBV/m	Grid 5 M4 23.31 dBV/m	Grid 6 M4 23.28 dBV/m
Grid 7 M4 18.28 dBV/m	Grid 8 M4 21.49 dBV/m	Grid 9 M4 21.64 dBV/m



0 dB = 18.51 V/m = 25.35 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 = 13.74 V/m; Power Drift = -0.00 dB

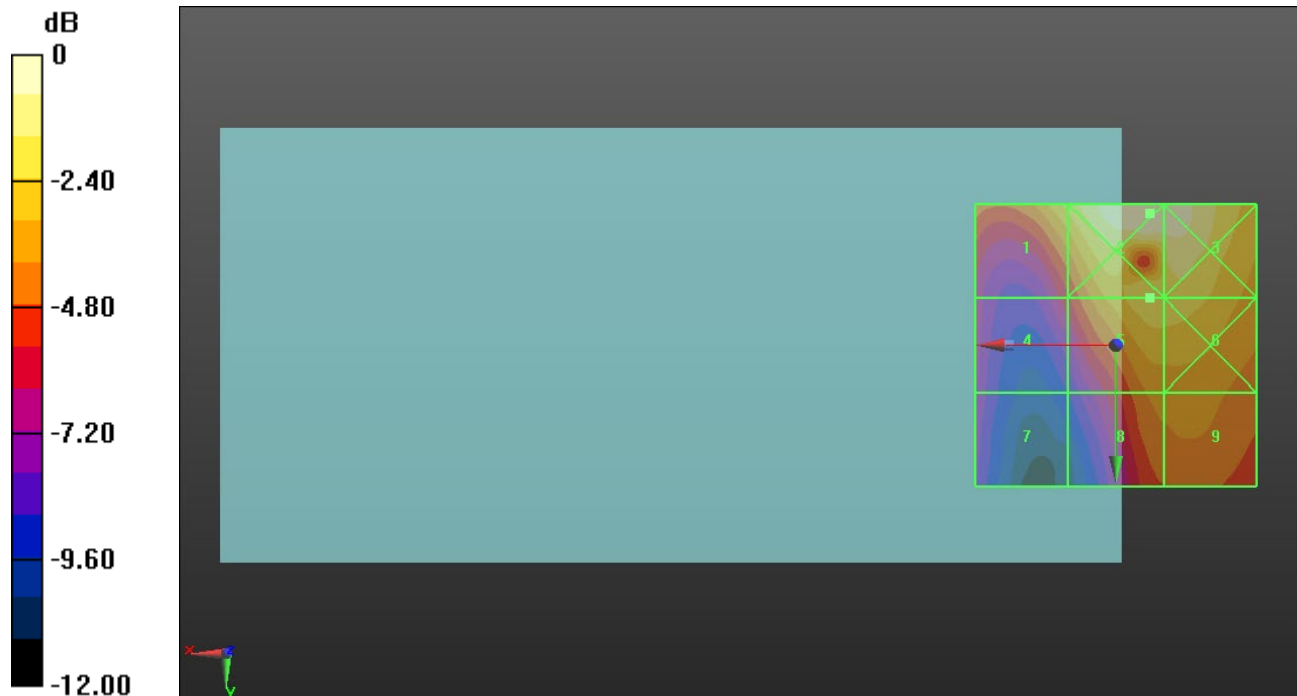
Applied MIF = 0.12 dB

RF audio interference level = 23.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.24 dBV/m	Grid 2 M4 25.34 dBV/m	Grid 3 M4 25.25 dBV/m
Grid 4 M4 19.62 dBV/m	Grid 5 M4 23.66 dBV/m	Grid 6 M4 23.58 dBV/m
Grid 7 M4 18.3 dBV/m	Grid 8 M4 21.67 dBV/m	Grid 9 M4 21.79 dBV/m



0 dB = 18.49 V/m = 25.34 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 = 18.39 V/m; Power Drift = 0.00 dB

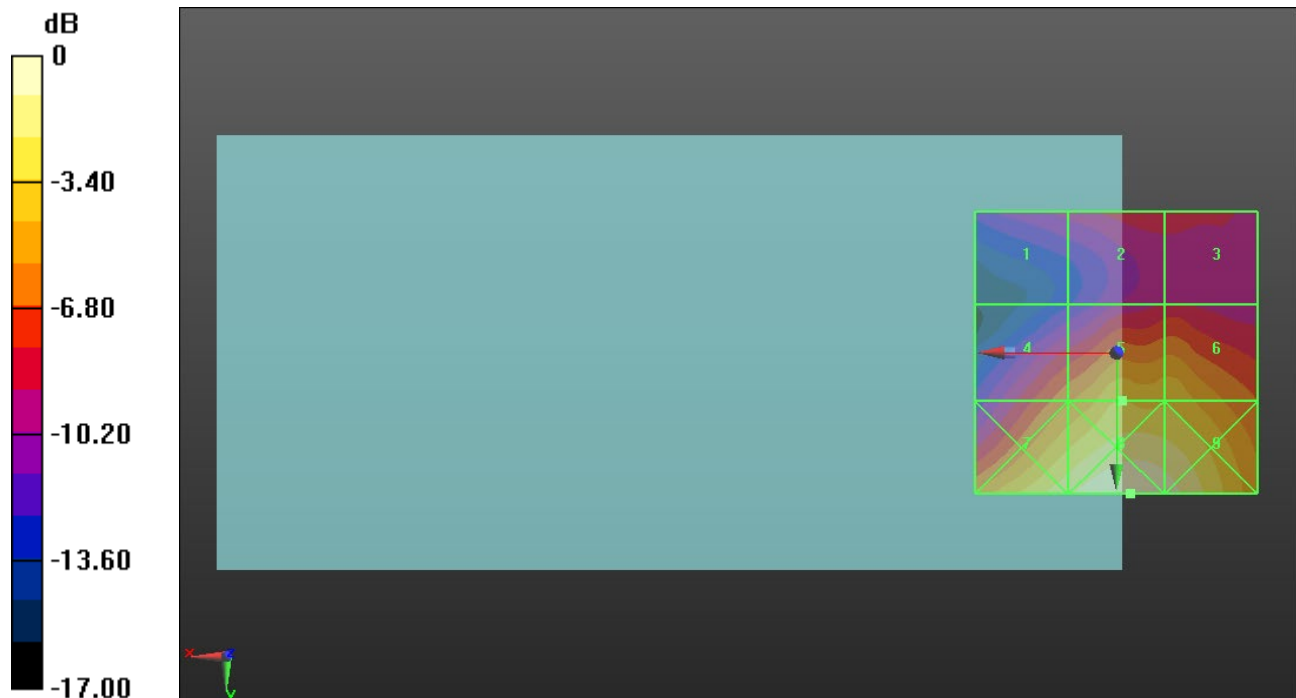
Applied MIF = 3.63 dB

RF audio interference level = 29.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.3 dBV/m	Grid 2 M4 24.81 dBV/m	Grid 3 M4 24.6 dBV/m
Grid 4 M4 27.14 dBV/m	Grid 5 M4 29.6 dBV/m	Grid 6 M4 29.34 dBV/m
Grid 7 M3 31.64 dBV/m	Grid 8 M3 32.95 dBV/m	Grid 9 M3 32.42 dBV/m



0 dB = 44.39 V/m = 32.95 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 = 17.62 V/m; Power Drift = 0.00 dB

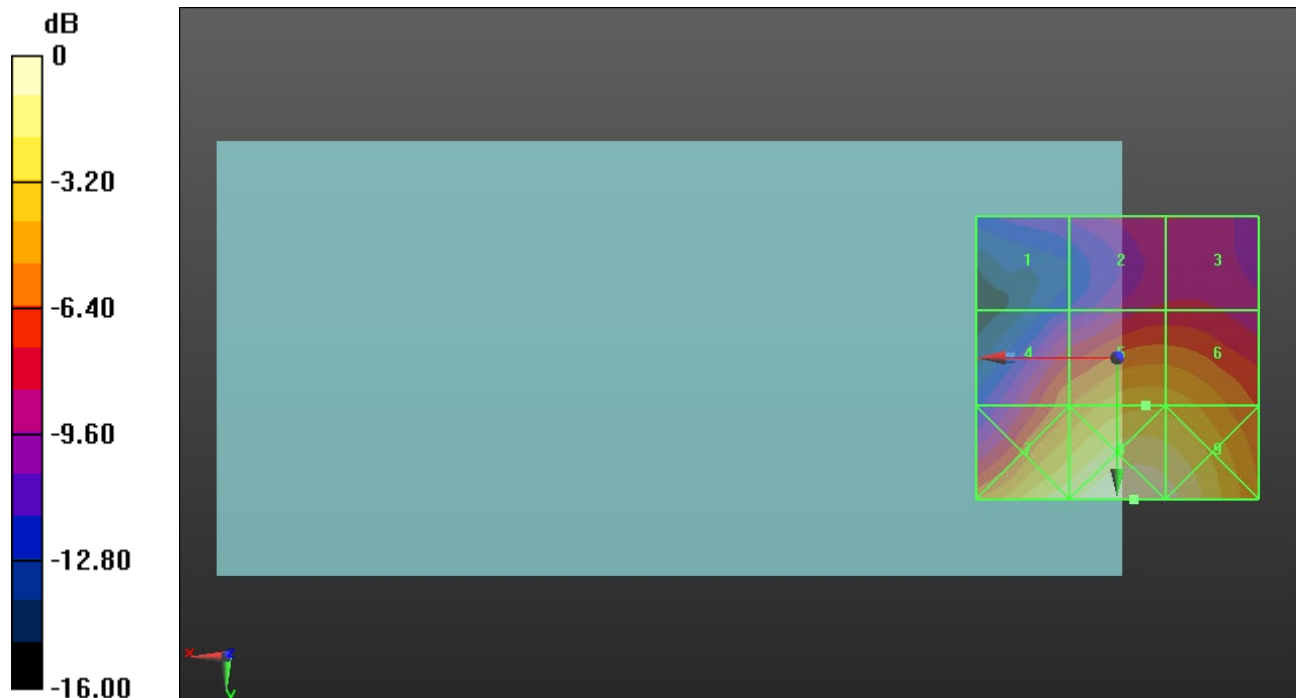
Applied MIF = 3.63 dB

RF audio interference level = 28.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.52 dBV/m	Grid 2 M4 23.68 dBV/m	Grid 3 M4 23.74 dBV/m
Grid 4 M4 26.42 dBV/m	Grid 5 M4 28.54 dBV/m	Grid 6 M4 28.4 dBV/m
Grid 7 M3 30.66 dBV/m	Grid 8 M3 31.88 dBV/m	Grid 9 M3 31.36 dBV/m



0 dB = 39.27 V/m = 31.88 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 = 18.29 V/m; Power Drift = 0.01 dB

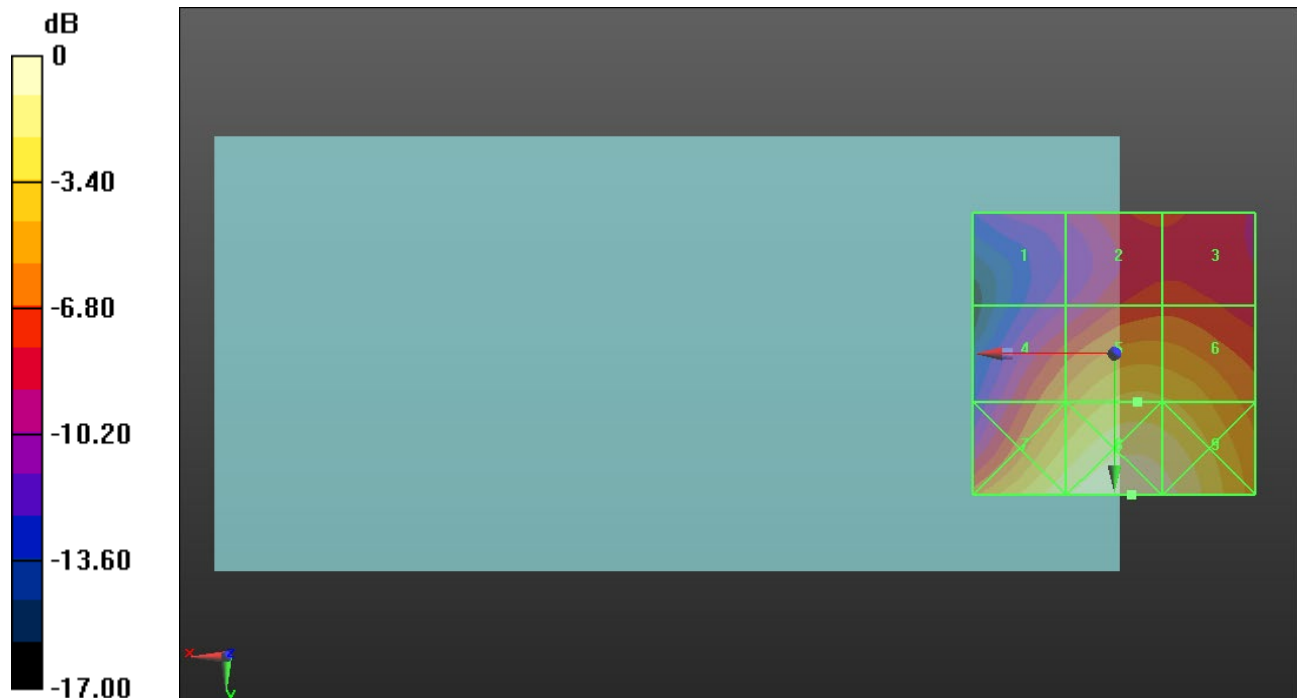
Applied MIF = 3.63 dB

RF audio interference level = 28.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.66 dBV/m	Grid 2 M4 24.38 dBV/m	Grid 3 M4 24.38 dBV/m
Grid 4 M4 26.5 dBV/m	Grid 5 M4 28.56 dBV/m	Grid 6 M4 28.39 dBV/m
Grid 7 M3 30.32 dBV/m	Grid 8 M3 31.56 dBV/m	Grid 9 M3 30.97 dBV/m



0 dB = 37.86 V/m = 31.56 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 = 15.07 V/m; Power Drift = 0.01 dB

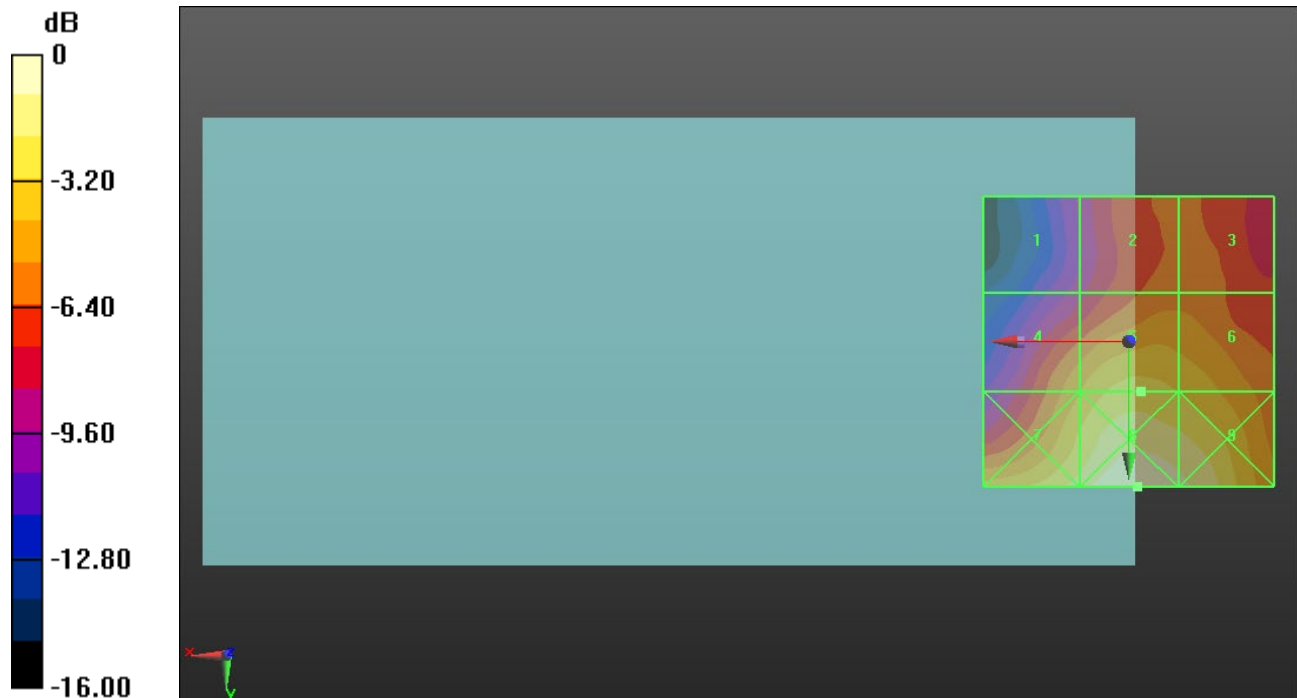
Applied MIF = -1.44 dB

RF audio interference level = 21.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.41 dBV/m	Grid 2 M4 18.5 dBV/m	Grid 3 M4 18.49 dBV/m
Grid 4 M4 20 dBV/m	Grid 5 M4 21.56 dBV/m	Grid 6 M4 21.08 dBV/m
Grid 7 M4 22.76 dBV/m	Grid 8 M4 24.31 dBV/m	Grid 9 M4 23.62 dBV/m



0 dB = 16.42 V/m = 24.31 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 = 12.02 V/m; Power Drift = 0.00 dB

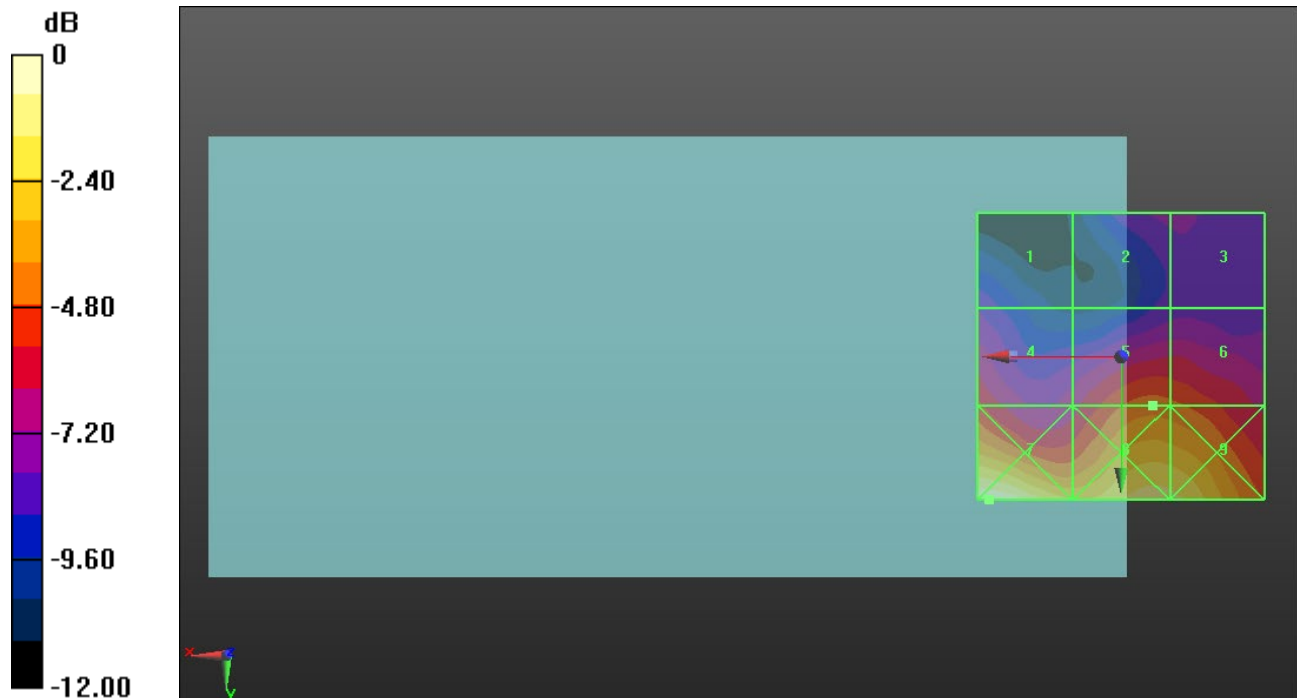
Applied MIF = -1.44 dB

RF audio interference level = 20.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.4 dBV/m	Grid 2 M4 16.65 dBV/m	Grid 3 M4 16.65 dBV/m
Grid 4 M4 19.06 dBV/m	Grid 5 M4 20.03 dBV/m	Grid 6 M4 19.86 dBV/m
Grid 7 M4 24.41 dBV/m	Grid 8 M4 23.28 dBV/m	Grid 9 M4 23.13 dBV/m



0 dB = 16.61 V/m = 24.41 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 = 17.17 V/m; Power Drift = 0.12 dB

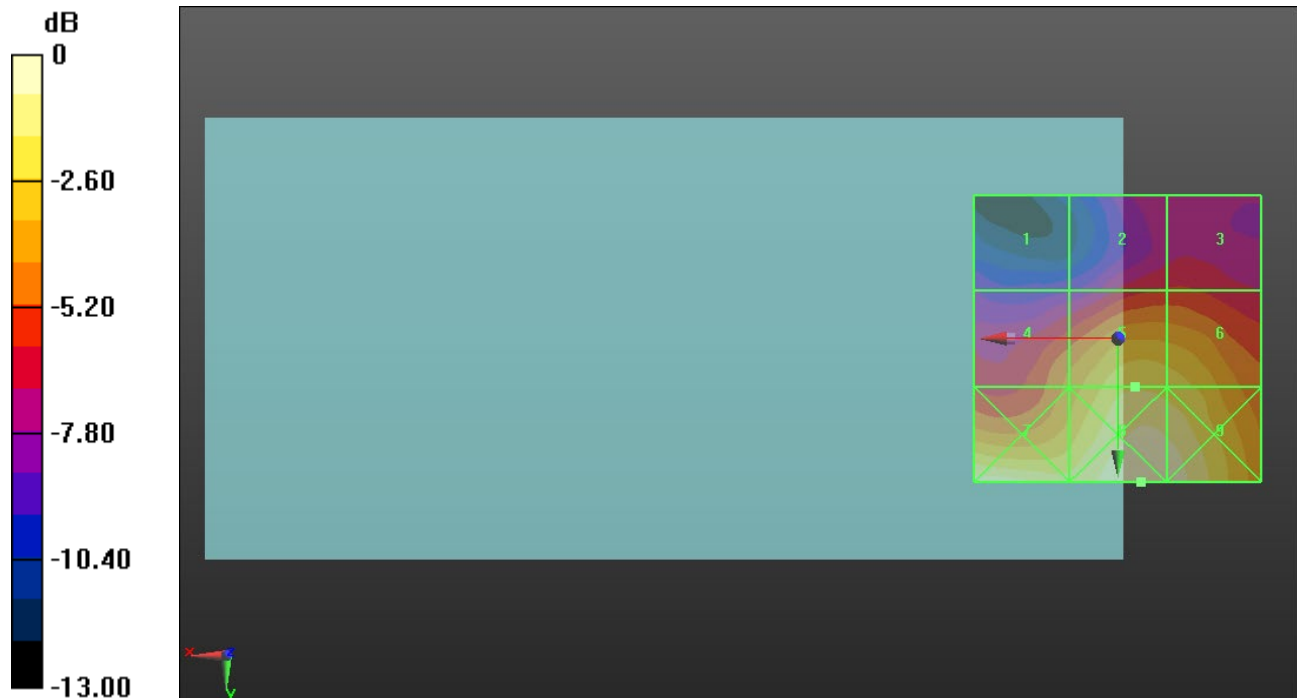
Applied MIF = -1.44 dB

RF audio interference level = 22.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.55 dBV/m	Grid 2 M4 18.11 dBV/m	Grid 3 M4 18.14 dBV/m
Grid 4 M4 20.03 dBV/m	Grid 5 M4 22.25 dBV/m	Grid 6 M4 21.98 dBV/m
Grid 7 M4 23.8 dBV/m	Grid 8 M4 24.04 dBV/m	Grid 9 M4 23.79 dBV/m



0 dB = 15.92 V/m = 24.04 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 = 19.61 V/m; Power Drift = -0.07 dB

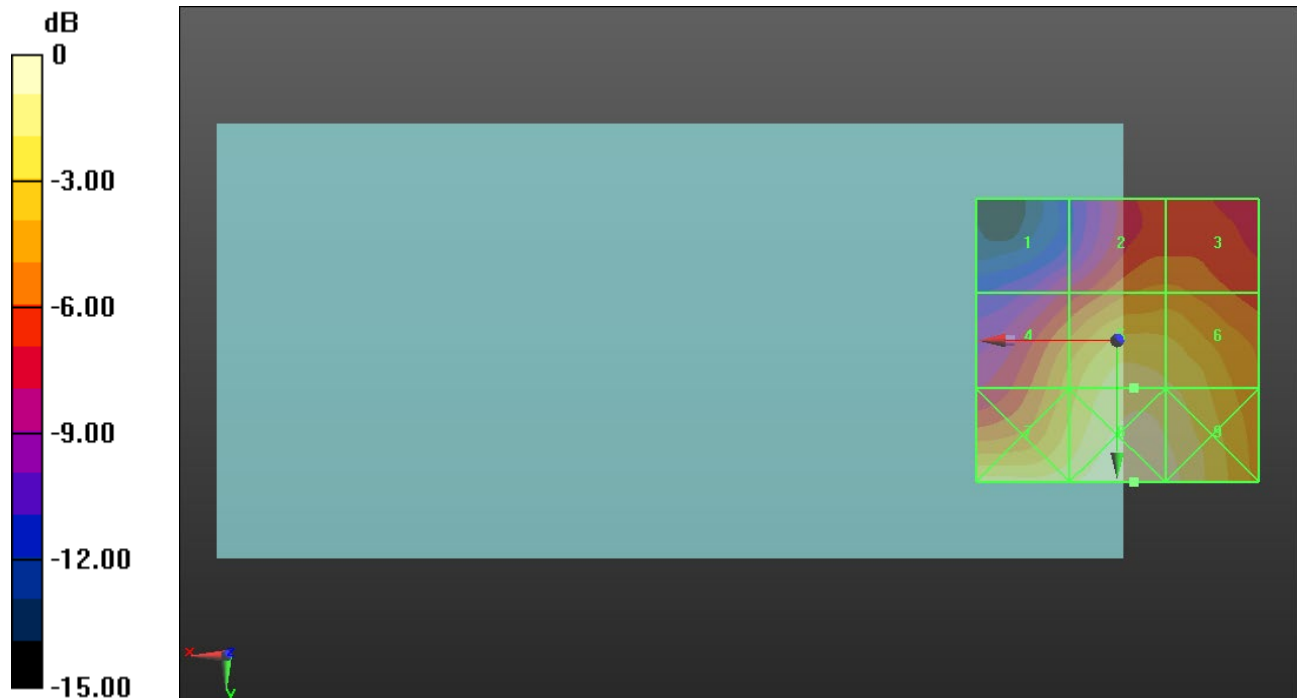
Applied MIF = -1.44 dB

RF audio interference level = 22.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.66 dBV/m	Grid 2 M4 19.63 dBV/m	Grid 3 M4 19.63 dBV/m
Grid 4 M4 20.79 dBV/m	Grid 5 M4 22.89 dBV/m	Grid 6 M4 22.56 dBV/m
Grid 7 M4 23.09 dBV/m	Grid 8 M4 24.31 dBV/m	Grid 9 M4 23.78 dBV/m



0 dB = 16.42 V/m = 24.31 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 = 21.49 V/m; Power Drift = 0.09 dB

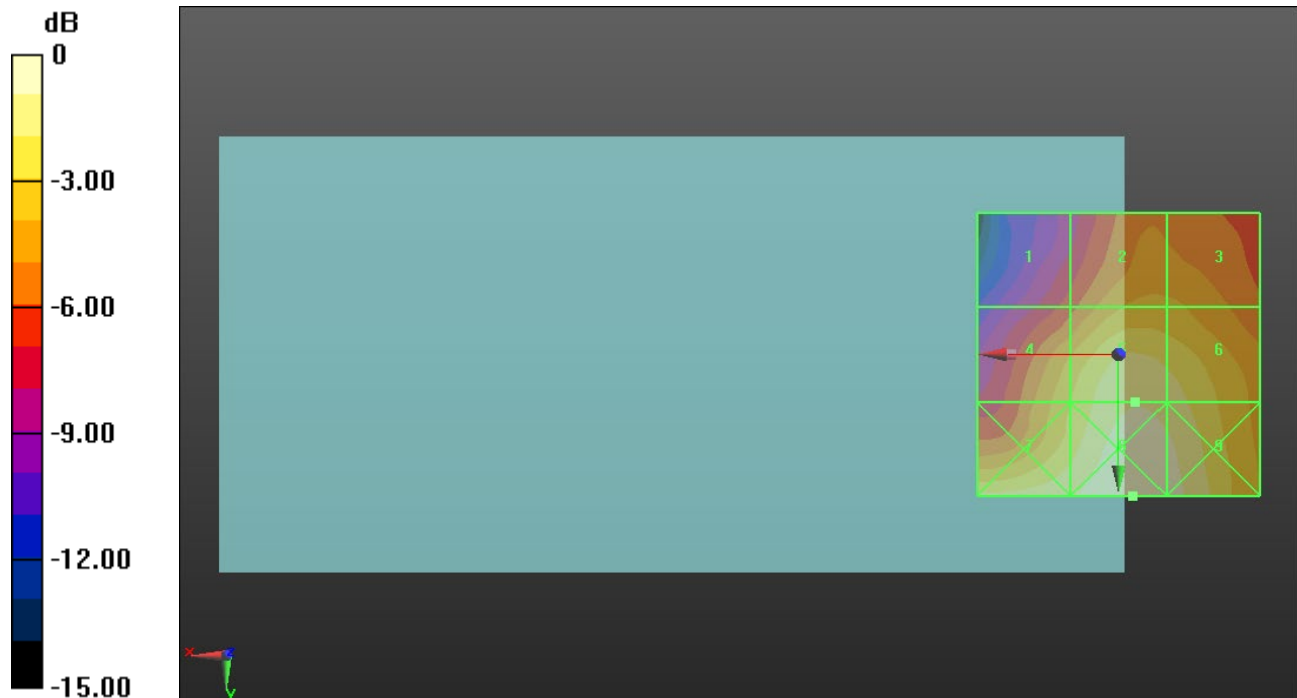
Applied MIF = -1.44 dB

RF audio interference level = 23.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.32 dBV/m	Grid 2 M4 21.01 dBV/m	Grid 3 M4 20.93 dBV/m
Grid 4 M4 21.67 dBV/m	Grid 5 M4 23.62 dBV/m	Grid 6 M4 23.24 dBV/m
Grid 7 M4 23.58 dBV/m	Grid 8 M4 24.67 dBV/m	Grid 9 M4 24.18 dBV/m



0 dB = 17.12 V/m = 24.67 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.51 V/m; Power Drift = 0.00 dB

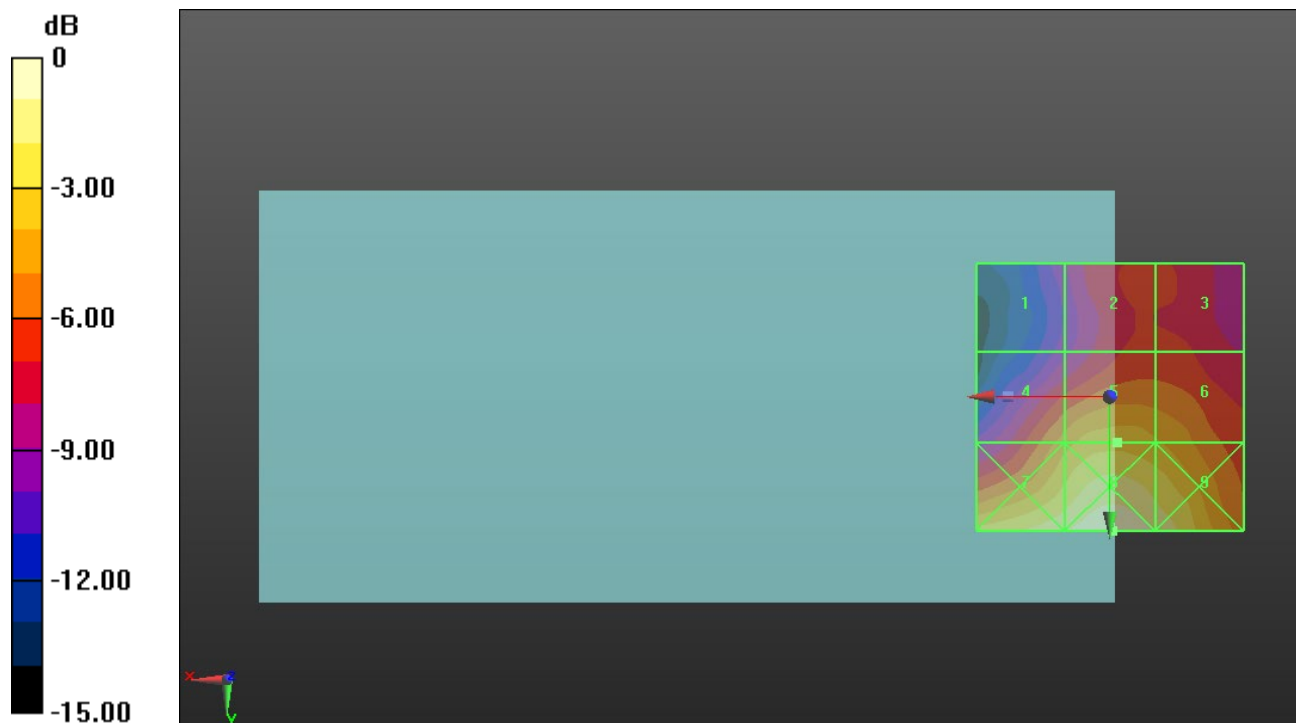
Applied MIF = -1.44 dB

RF audio interference level = 22.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.87 dBV/m	Grid 2 M4 19.29 dBV/m	Grid 3 M4 19.28 dBV/m
Grid 4 M4 21.46 dBV/m	Grid 5 M4 22.62 dBV/m	Grid 6 M4 22.11 dBV/m
Grid 7 M4 24.87 dBV/m	Grid 8 M4 25.94 dBV/m	Grid 9 M4 24.91 dBV/m



0 dB = 19.81 V/m = 25.94 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.35 V/m; Power Drift = -0.06 dB

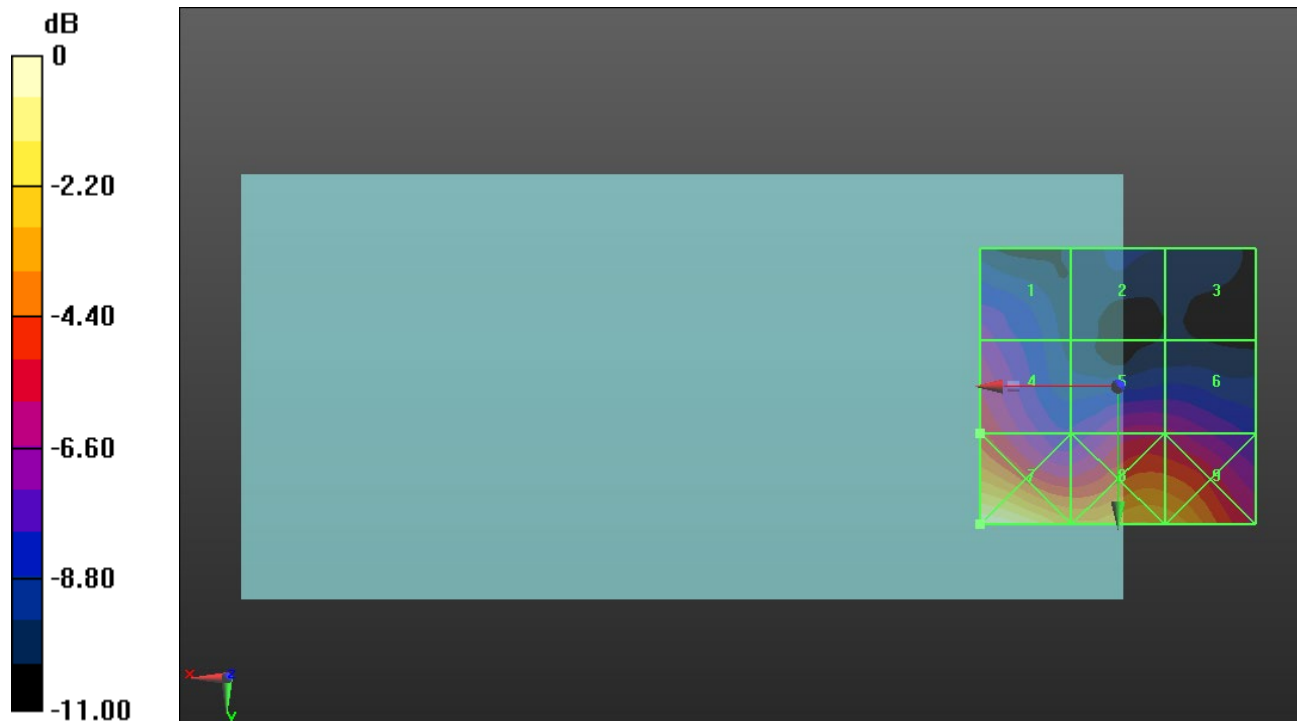
Applied MIF = -1.44 dB

RF audio interference level = 21.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.47 dBV/m	Grid 2 M4 16.94 dBV/m	Grid 3 M4 16.73 dBV/m
Grid 4 M4 21.4 dBV/m	Grid 5 M4 20.14 dBV/m	Grid 6 M4 19.96 dBV/m
Grid 7 M4 26.24 dBV/m	Grid 8 M4 24.17 dBV/m	Grid 9 M4 24.04 dBV/m



0 dB = 20.52 V/m = 26.24 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.21 V/m; Power Drift = -0.15 dB

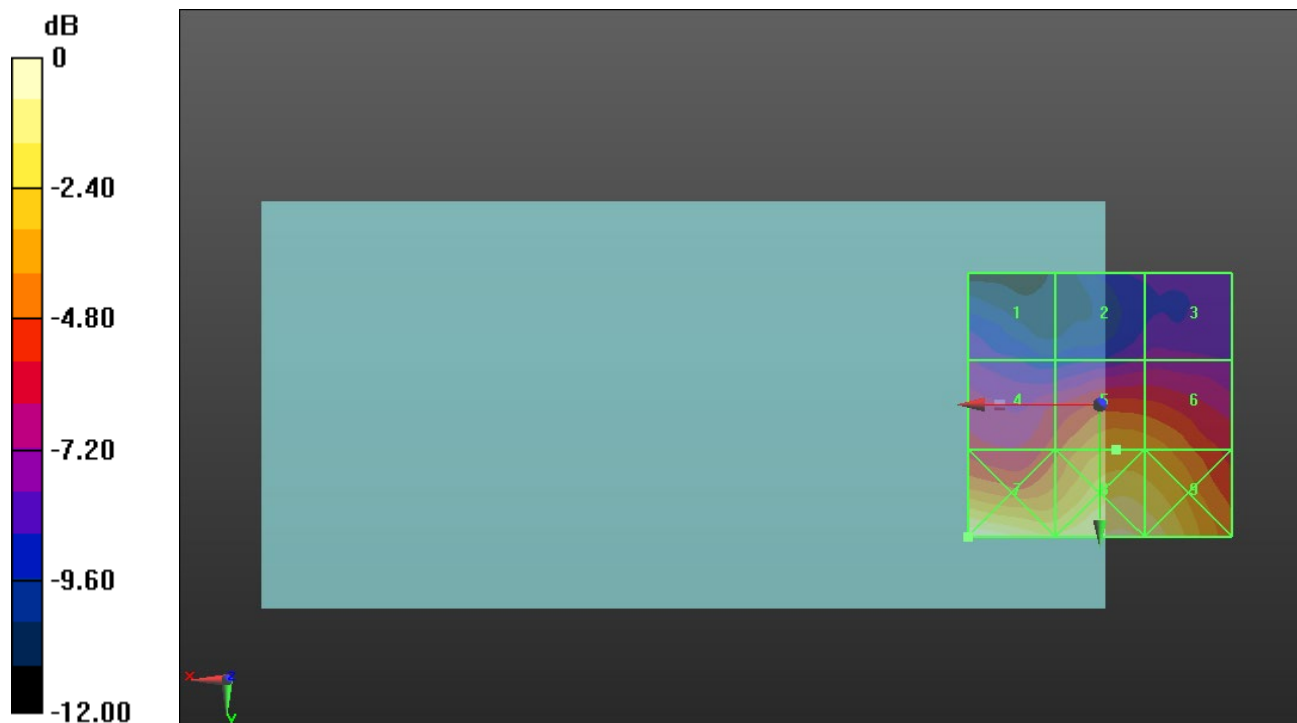
Applied MIF = -1.44 dB

RF audio interference level = 22.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.52 dBV/m	Grid 2 M4 17.68 dBV/m	Grid 3 M4 17.83 dBV/m
Grid 4 M4 20.27 dBV/m	Grid 5 M4 22.22 dBV/m	Grid 6 M4 22.06 dBV/m
Grid 7 M4 25.37 dBV/m	Grid 8 M4 24.75 dBV/m	Grid 9 M4 24.44 dBV/m



0 dB = 18.55 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: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.32 V/m; Power Drift = -0.05 dB

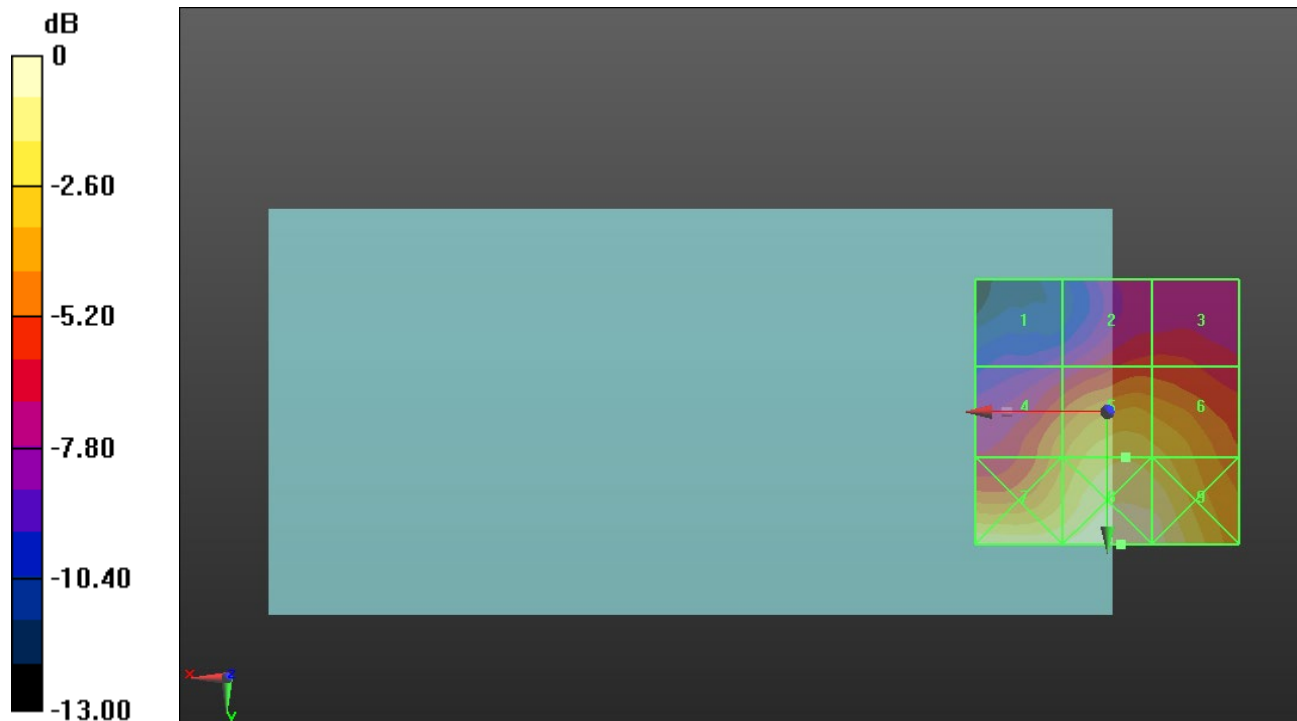
Applied MIF = -1.44 dB

RF audio interference level = 23.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.42 dBV/m	Grid 2 M4 19.69 dBV/m	Grid 3 M4 19.69 dBV/m
Grid 4 M4 21.66 dBV/m	Grid 5 M4 23.45 dBV/m	Grid 6 M4 23.09 dBV/m
Grid 7 M4 24.59 dBV/m	Grid 8 M4 25.29 dBV/m	Grid 9 M4 24.85 dBV/m



0 dB = 18.38 V/m = 25.29 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 = 22.41 V/m; Power Drift = 0.06 dB

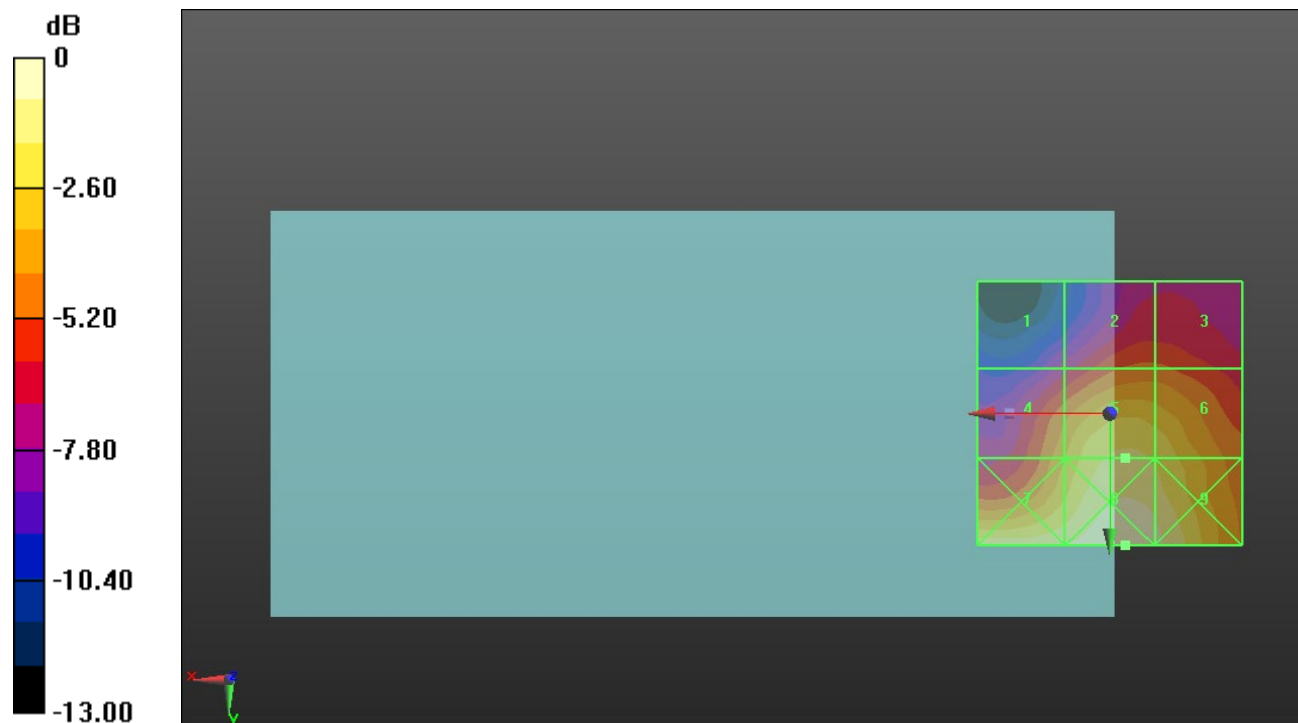
Applied MIF = -1.44 dB

RF audio interference level = 24.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.37 dBV/m	Grid 2 M4 20.69 dBV/m	Grid 3 M4 20.66 dBV/m
Grid 4 M4 22.13 dBV/m	Grid 5 M4 24.08 dBV/m	Grid 6 M4 23.73 dBV/m
Grid 7 M4 24.78 dBV/m	Grid 8 M4 25.59 dBV/m	Grid 9 M4 24.99 dBV/m



0 dB = 19.03 V/m = 25.59 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.18 V/m; Power Drift = 0.06 dB

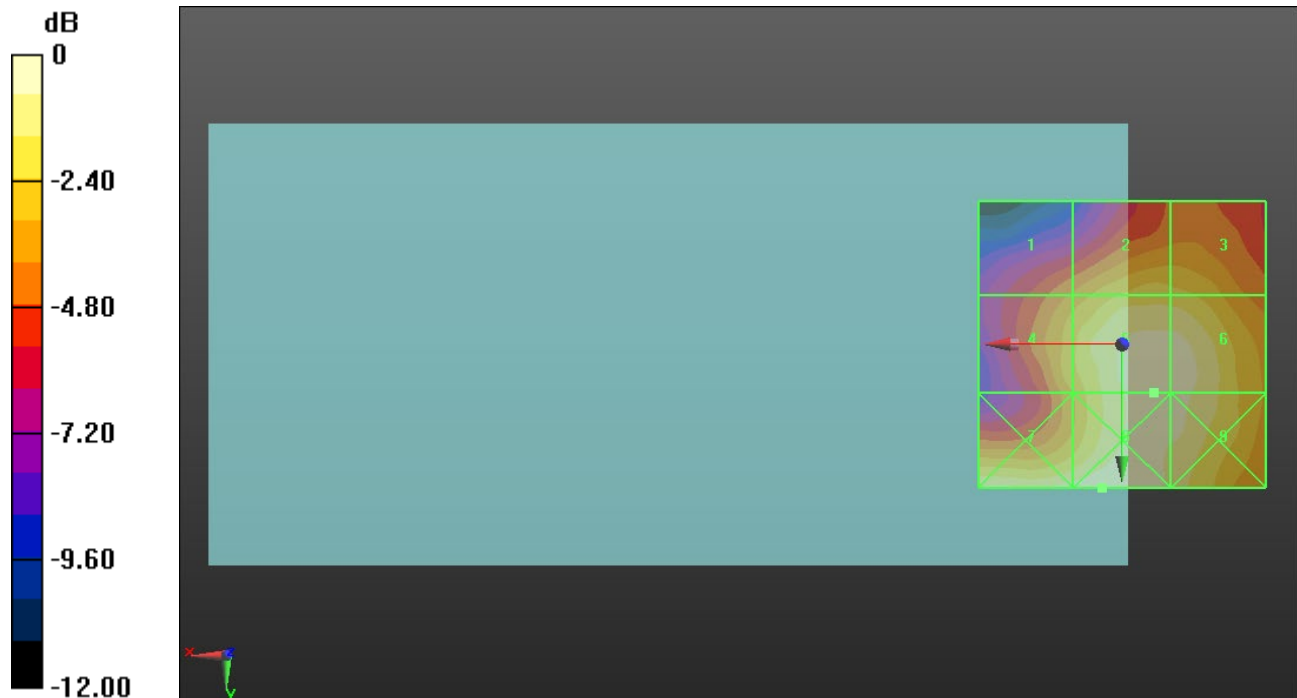
Applied MIF = -1.44 dB

RF audio interference level = 25.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.76 dBV/m	Grid 2 M4 23.66 dBV/m	Grid 3 M4 23.51 dBV/m
Grid 4 M4 23.03 dBV/m	Grid 5 M4 25.19 dBV/m	Grid 6 M4 25.14 dBV/m
Grid 7 M4 25.17 dBV/m	Grid 8 M4 25.52 dBV/m	Grid 9 M4 25.07 dBV/m



0 dB = 18.88 V/m = 25.52 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.78 V/m; Power Drift = -0.12 dB

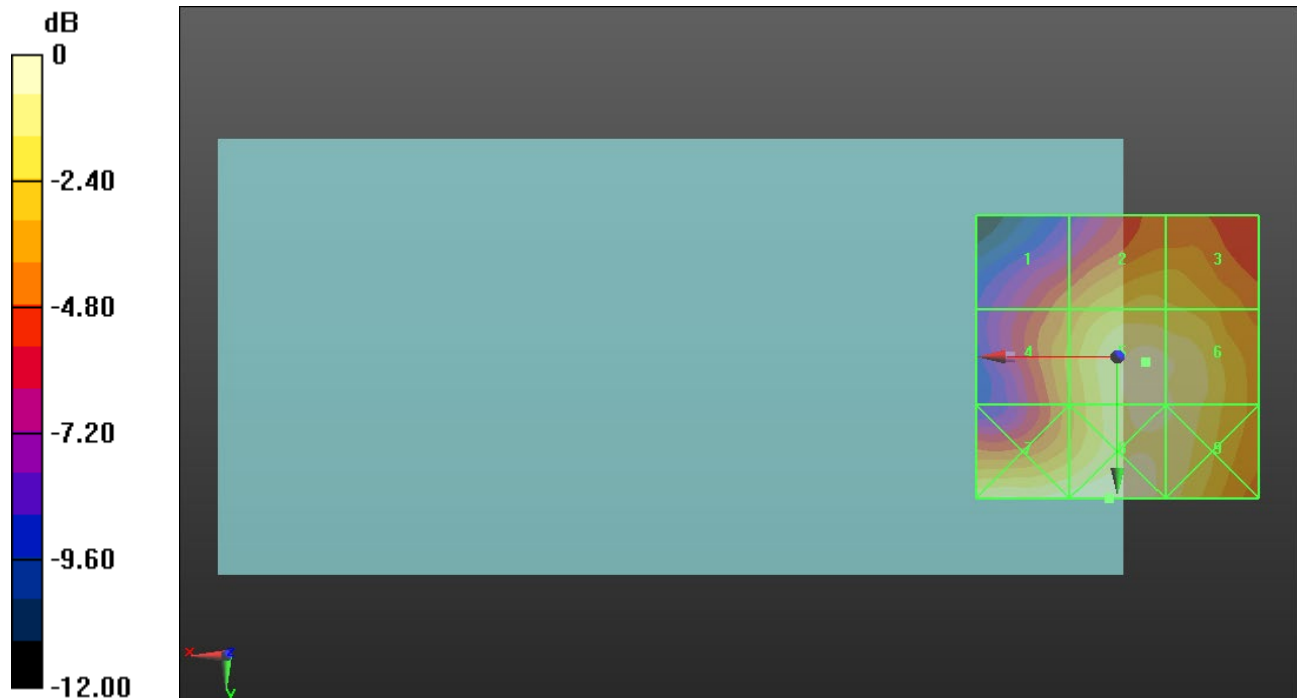
Applied MIF = -1.44 dB

RF audio interference level = 24.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.49 dBV/m	Grid 2 M4 23.43 dBV/m	Grid 3 M4 23.21 dBV/m
Grid 4 M4 22.47 dBV/m	Grid 5 M4 24.95 dBV/m	Grid 6 M4 24.71 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 25.37 dBV/m	Grid 9 M4 24.7 dBV/m



0 dB = 18.57 V/m = 25.38 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 = 28.55 V/m; Power Drift = 0.03 dB

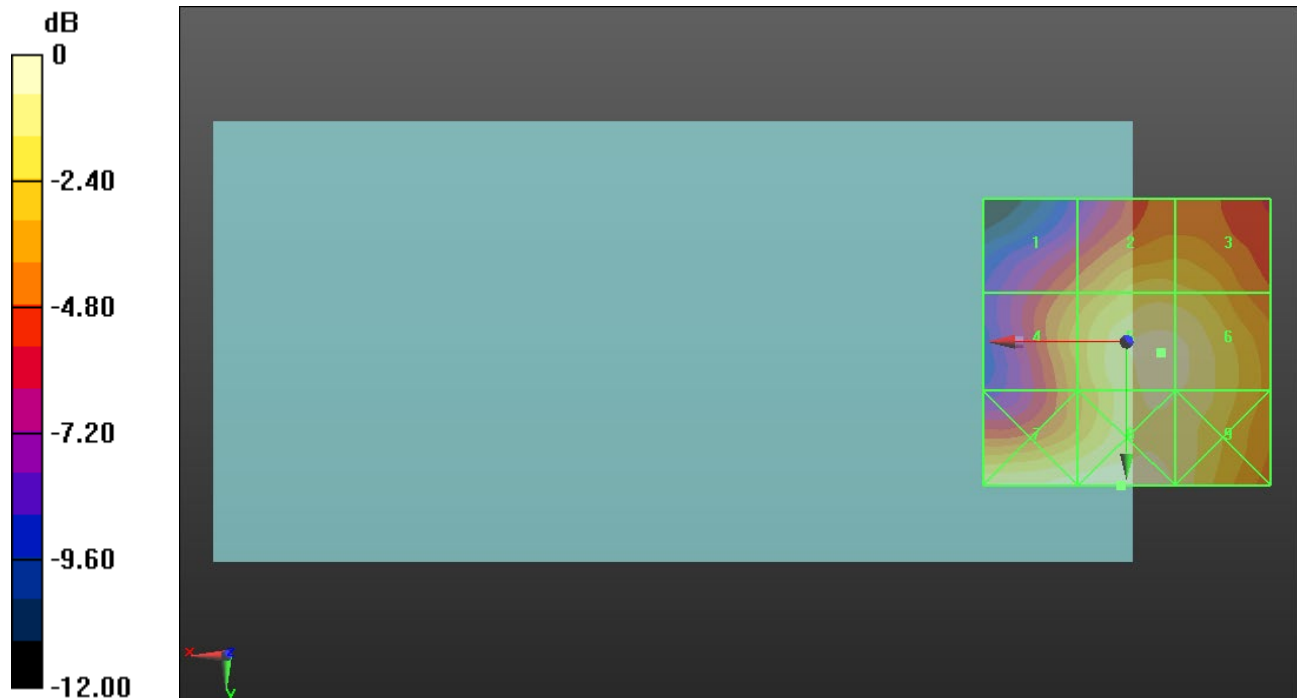
Applied MIF = -1.44 dB

RF audio interference level = 25.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.75 dBV/m	Grid 2 M4 23.95 dBV/m	Grid 3 M4 23.78 dBV/m
Grid 4 M4 23.07 dBV/m	Grid 5 M4 25.31 dBV/m	Grid 6 M4 25.24 dBV/m
Grid 7 M4 25.57 dBV/m	Grid 8 M4 25.79 dBV/m	Grid 9 M4 25.06 dBV/m



0 dB = 19.48 V/m = 25.79 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 = 33.82 V/m; Power Drift = -0.06 dB

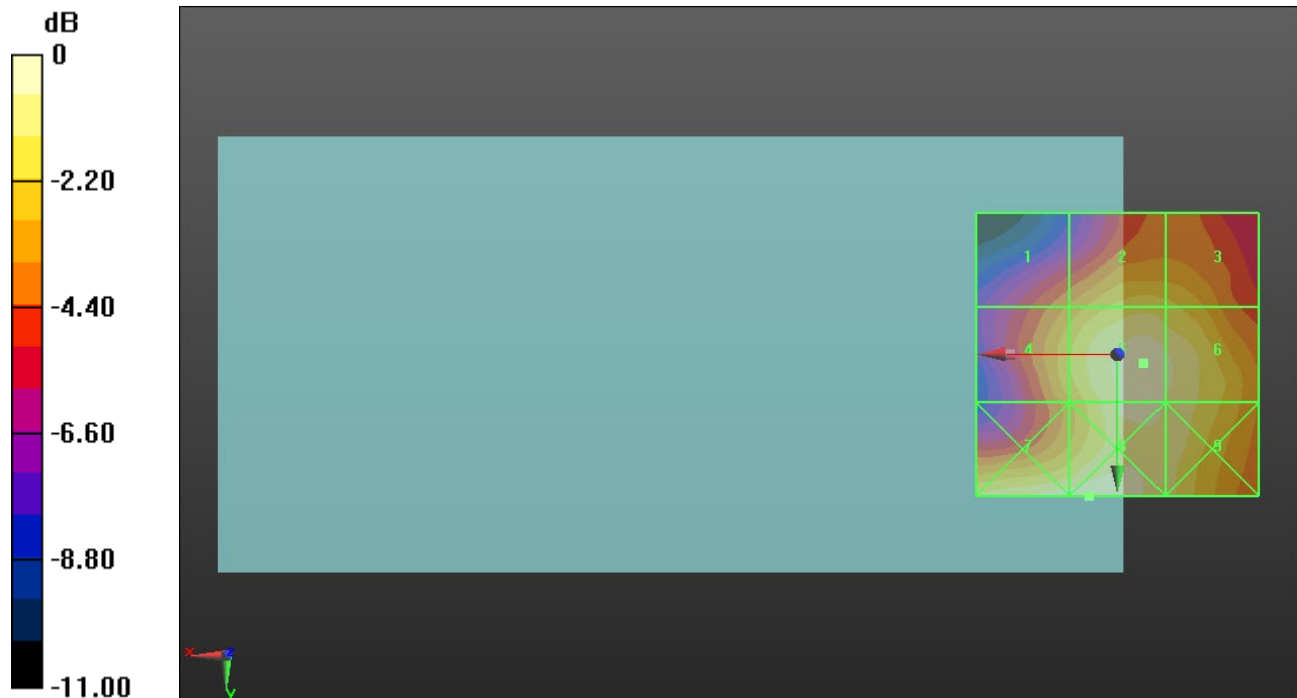
Applied MIF = -1.44 dB

RF audio interference level = 26.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.29 dBV/m	Grid 2 M4 25.1 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 24.6 dBV/m	Grid 5 M4 26.57 dBV/m	Grid 6 M4 26.27 dBV/m
Grid 7 M4 26.67 dBV/m	Grid 8 M4 26.83 dBV/m	Grid 9 M4 26.07 dBV/m



0 dB = 21.95 V/m = 26.83 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 = 14.62 V/m; Power Drift = -0.04 dB

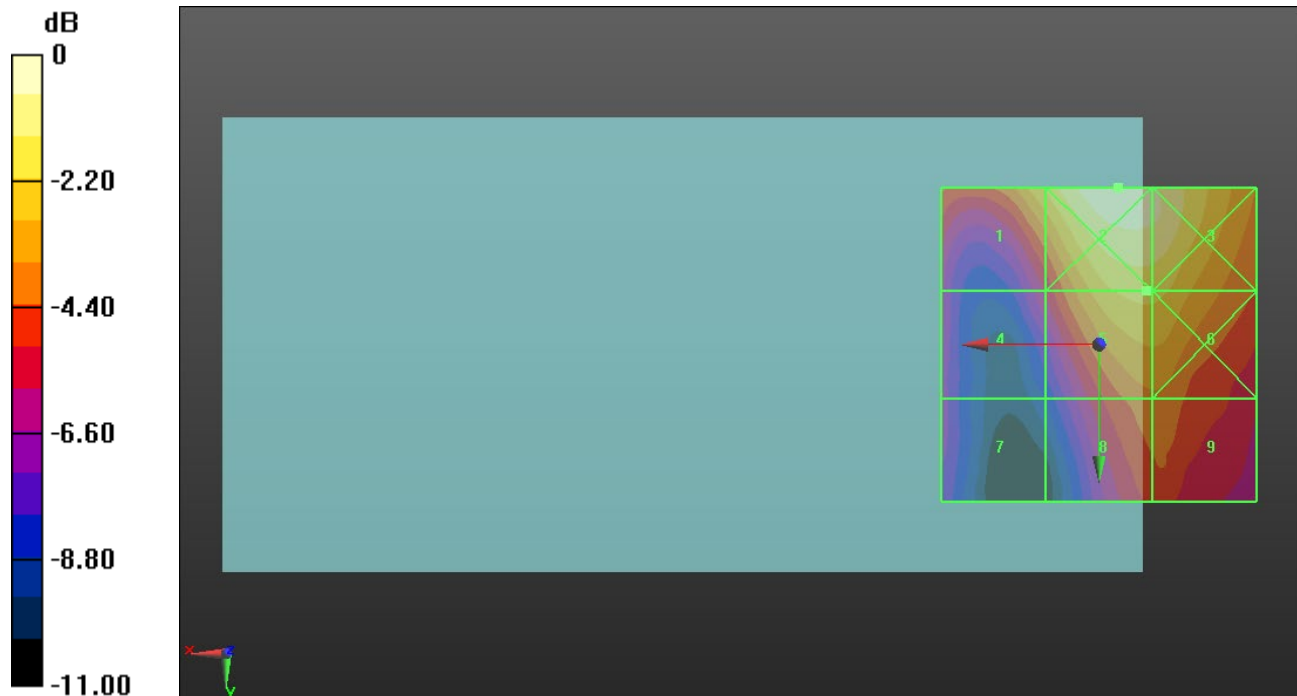
Applied MIF = -2.02 dB

RF audio interference level = 21.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.22 dBV/m	Grid 2 M4 23.22 dBV/m	Grid 3 M4 22.66 dBV/m
Grid 4 M4 17.51 dBV/m	Grid 5 M4 21.28 dBV/m	Grid 6 M4 21.25 dBV/m
Grid 7 M4 16.39 dBV/m	Grid 8 M4 19.45 dBV/m	Grid 9 M4 19.47 dBV/m



0 dB = 14.49 V/m = 23.22 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 = 27.09 V/m; Power Drift = -0.01 dB

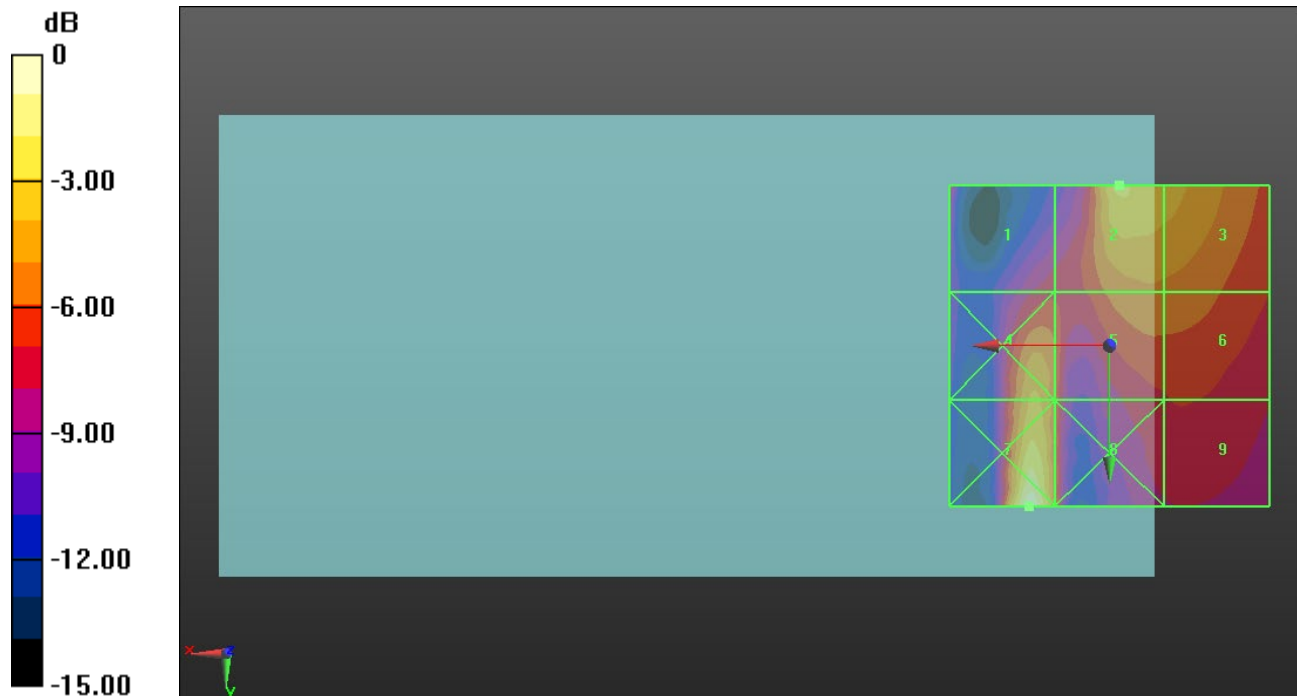
Applied MIF = -2.02 dB

RF audio interference level = 23.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.16 dBV/m	Grid 2 M4 23.87 dBV/m	Grid 3 M4 22.97 dBV/m
Grid 4 M4 22.65 dBV/m	Grid 5 M4 21.29 dBV/m	Grid 6 M4 21.23 dBV/m
Grid 7 M4 26.43 dBV/m	Grid 8 M4 21.09 dBV/m	Grid 9 M4 19.5 dBV/m



0 dB = 20.96 V/m = 26.43 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 (7483)

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 = 25.96 V/m; Power Drift = -0.00 dB

Applied MIF = -2.02 dB

RF audio interference level = 26.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.79 dBV/m	Grid 2 M4 15.9 dBV/m	Grid 3 M4 26.08 dBV/m
Grid 4 M4 11.27 dBV/m	Grid 5 M4 19.24 dBV/m	Grid 6 M4 26.81 dBV/m
Grid 7 M4 7.07 dBV/m	Grid 8 M4 27.58 dBV/m	Grid 9 M4 26.82 dBV/m



0 dB = 23.93 V/m = 27.58 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 = 27.29 V/m; Power Drift = -0.02 dB

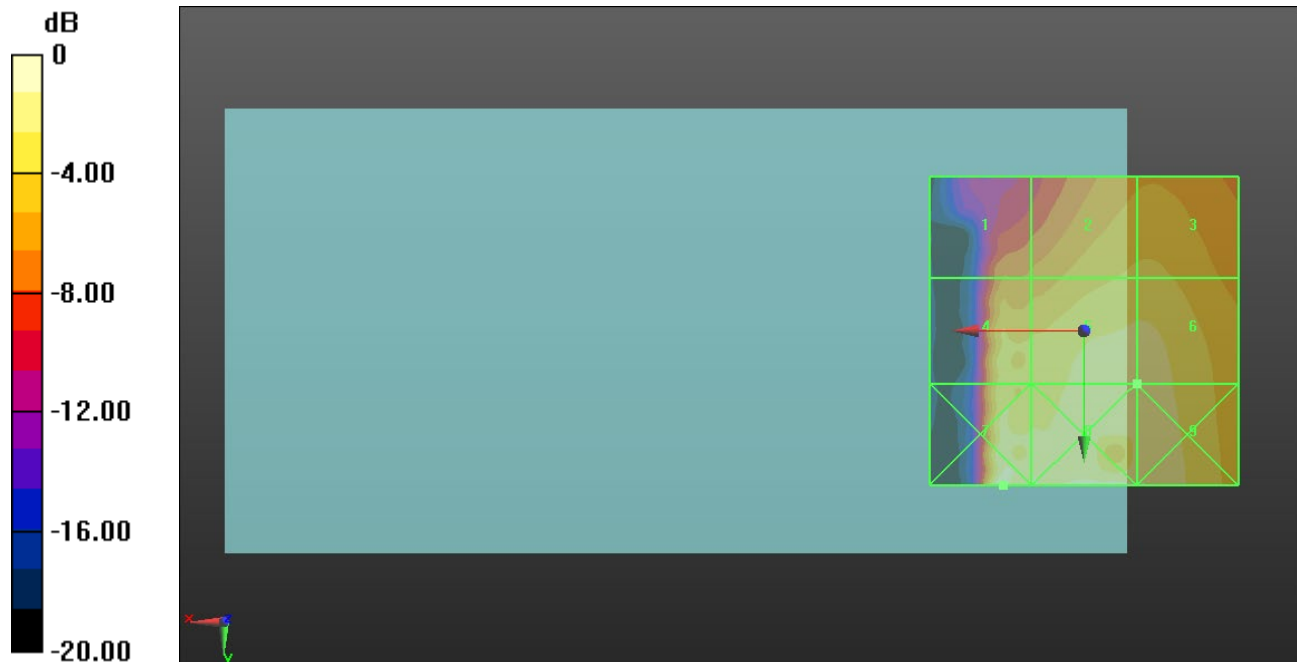
Applied MIF = 0.12 dB

RF audio interference level = 26.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.53 dBV/m	Grid 2 M4 25.04 dBV/m	Grid 3 M4 25.08 dBV/m
Grid 4 M4 25.67 dBV/m	Grid 5 M4 26.74 dBV/m	Grid 6 M4 26.74 dBV/m
Grid 7 M4 28.66 dBV/m	Grid 8 M4 28.05 dBV/m	Grid 9 M4 27.64 dBV/m



0 dB = 27.11 V/m = 28.66 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 = 27.51 V/m; Power Drift = -0.12 dB

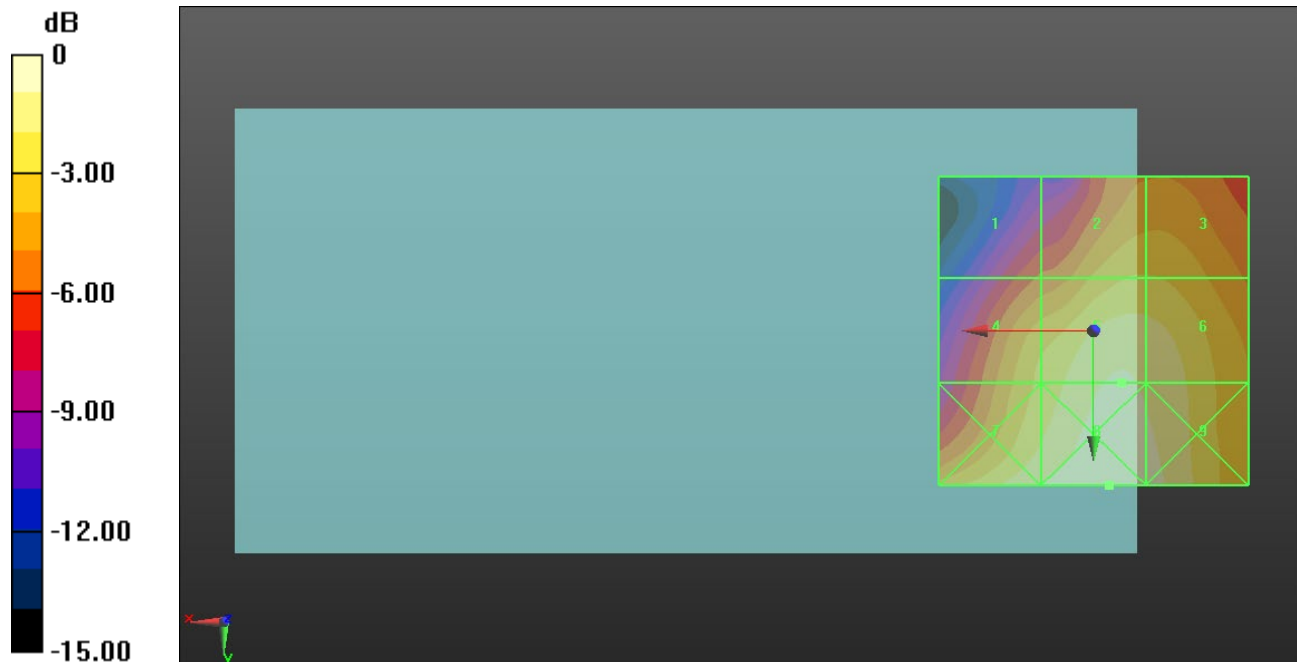
Applied MIF = 0.12 dB

RF audio interference level = 26.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.03 dBV/m	Grid 2 M4 24.89 dBV/m	Grid 3 M4 24.88 dBV/m
Grid 4 M4 25.1 dBV/m	Grid 5 M4 26.88 dBV/m	Grid 6 M4 26.66 dBV/m
Grid 7 M4 26.83 dBV/m	Grid 8 M4 27.79 dBV/m	Grid 9 M4 27.32 dBV/m



0 dB = 24.51 V/m = 27.79 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 = 27.51 V/m; Power Drift = -0.00 dB

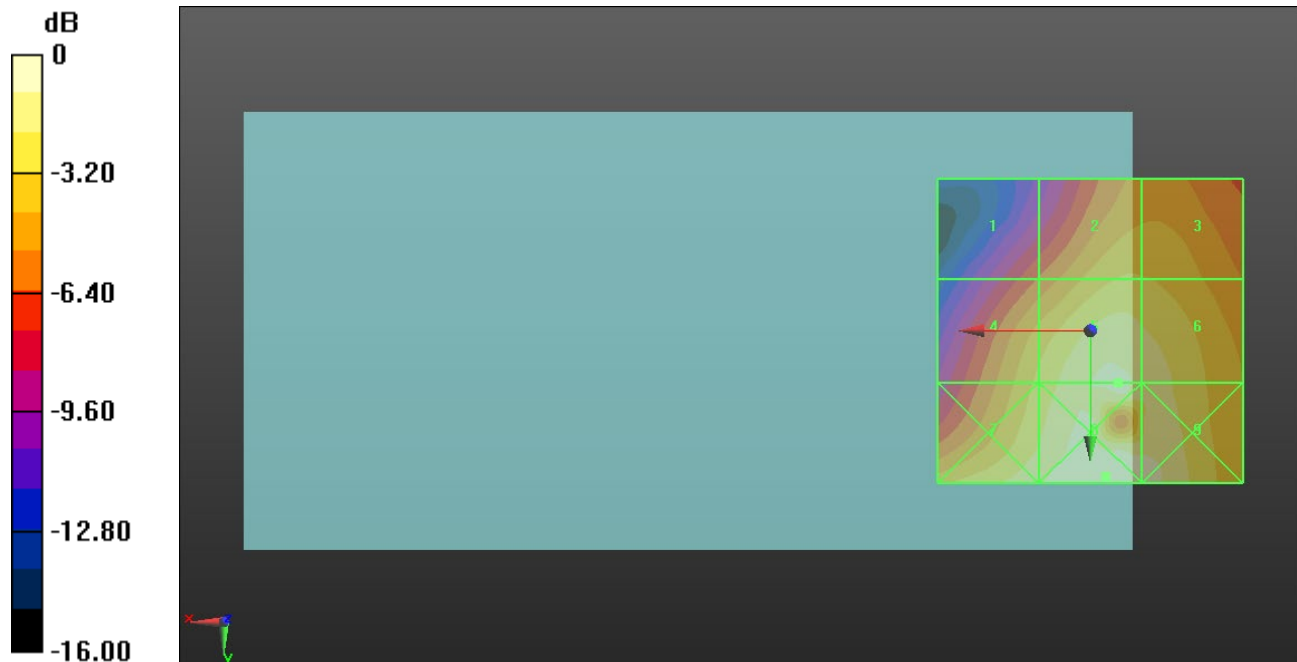
Applied MIF = 0.12 dB

RF audio interference level = 27.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.55 dBV/m	Grid 2 M4 24.78 dBV/m	Grid 3 M4 24.71 dBV/m
Grid 4 M4 24.9 dBV/m	Grid 5 M4 27.05 dBV/m	Grid 6 M4 26.44 dBV/m
Grid 7 M4 26.65 dBV/m	Grid 8 M4 27.83 dBV/m	Grid 9 M4 27.34 dBV/m



0 dB = 24.63 V/m = 27.83 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 = 25.76 V/m; Power Drift = 0.00 dB

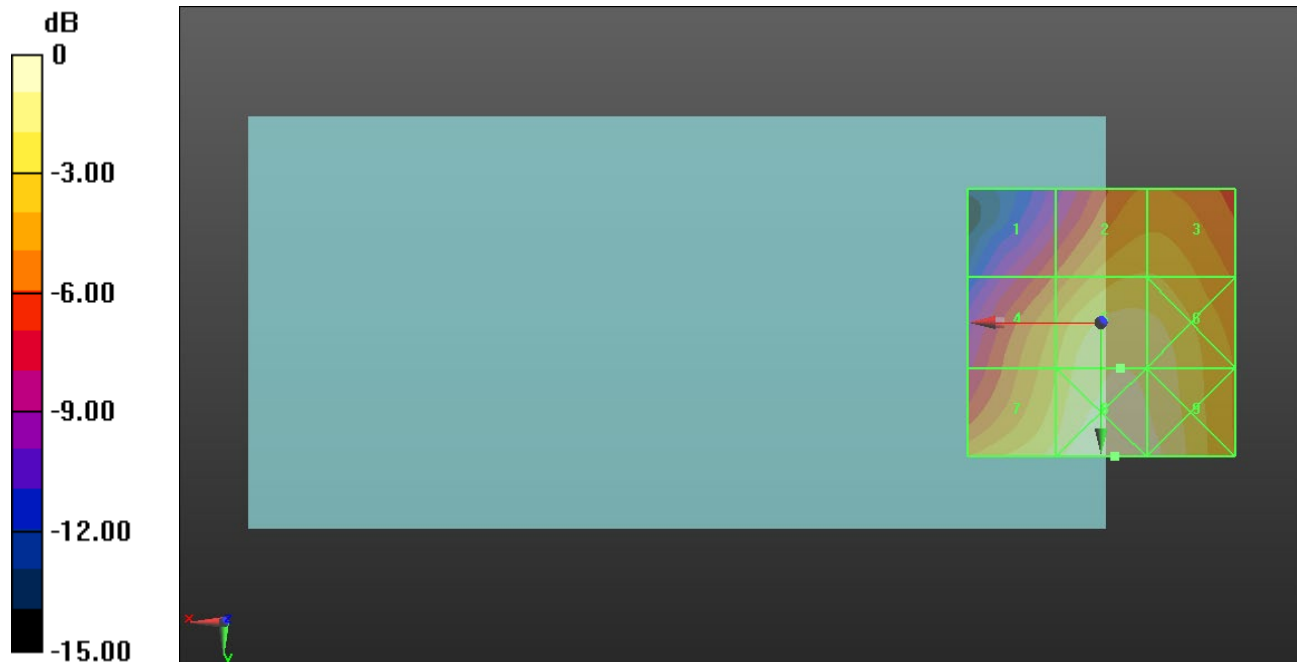
Applied MIF = -3.15 dB

RF audio interference level = 23.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.83 dBV/m	Grid 2 M4 21.76 dBV/m	Grid 3 M4 21.76 dBV/m
Grid 4 M4 21.55 dBV/m	Grid 5 M4 23.65 dBV/m	Grid 6 M4 23.41 dBV/m
Grid 7 M4 23.15 dBV/m	Grid 8 M4 24.63 dBV/m	Grid 9 M4 24.17 dBV/m



0 dB = 17.05 V/m = 24.63 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 = 25.70 V/m; Power Drift = -0.01 dB

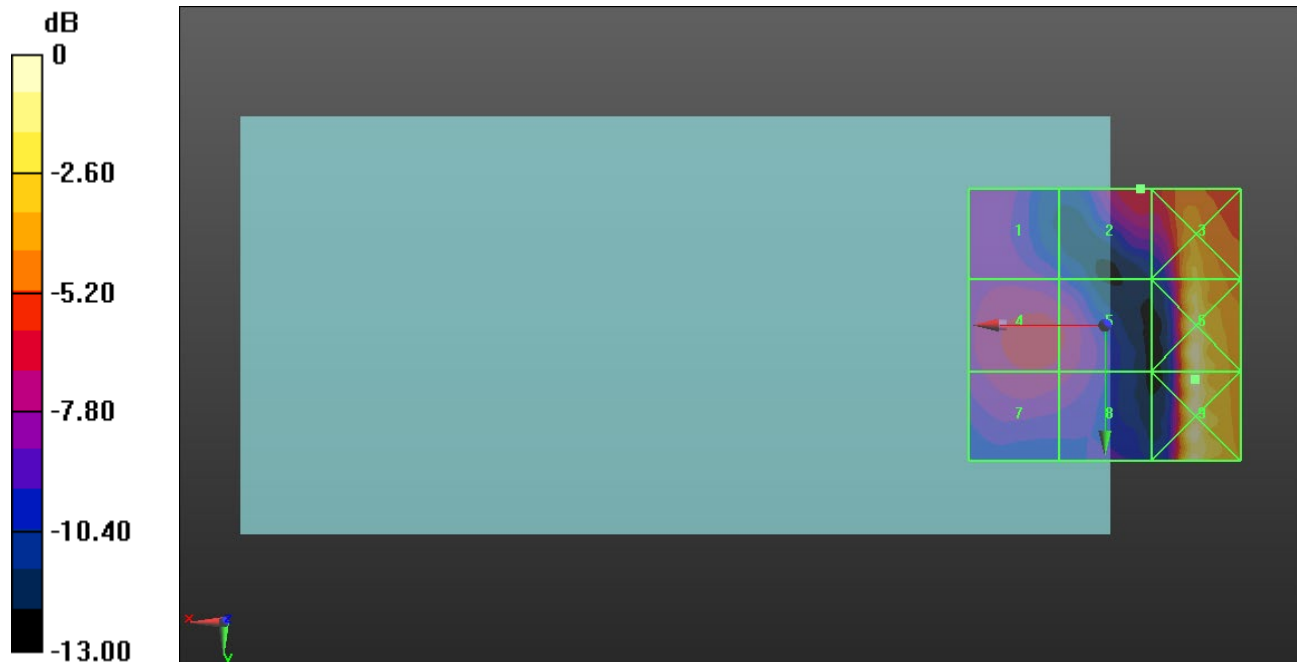
Applied MIF = -3.15 dB

RF audio interference level = 17.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.99 dBV/m	Grid 2 M4 17.91 dBV/m	Grid 3 M4 21.4 dBV/m
Grid 4 M4 17.37 dBV/m	Grid 5 M4 17.1 dBV/m	Grid 6 M4 23.73 dBV/m
Grid 7 M4 16.87 dBV/m	Grid 8 M4 16.53 dBV/m	Grid 9 M4 23.82 dBV/m



0 dB = 15.52 V/m = 23.82 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 = 7.570 V/m; Power Drift = 0.02 dB

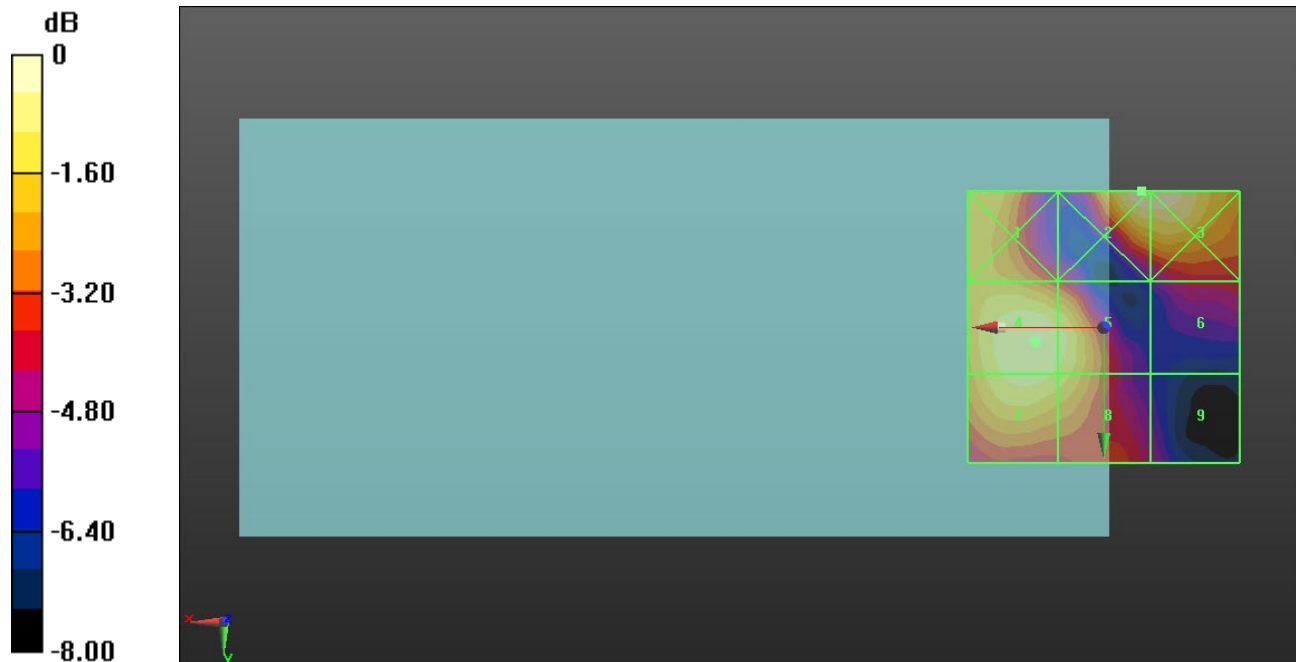
Applied MIF = -3.15 dB

RF audio interference level = 17.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.39 dBV/m	Grid 2 M4 17.96 dBV/m	Grid 3 M4 17.87 dBV/m
Grid 4 M4 17.45 dBV/m	Grid 5 M4 17.15 dBV/m	Grid 6 M4 14.09 dBV/m
Grid 7 M4 17.16 dBV/m	Grid 8 M4 16.76 dBV/m	Grid 9 M4 13.54 dBV/m



0 dB = 7.906 V/m = 17.96 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 = 8.445 V/m; Power Drift = -0.08 dB

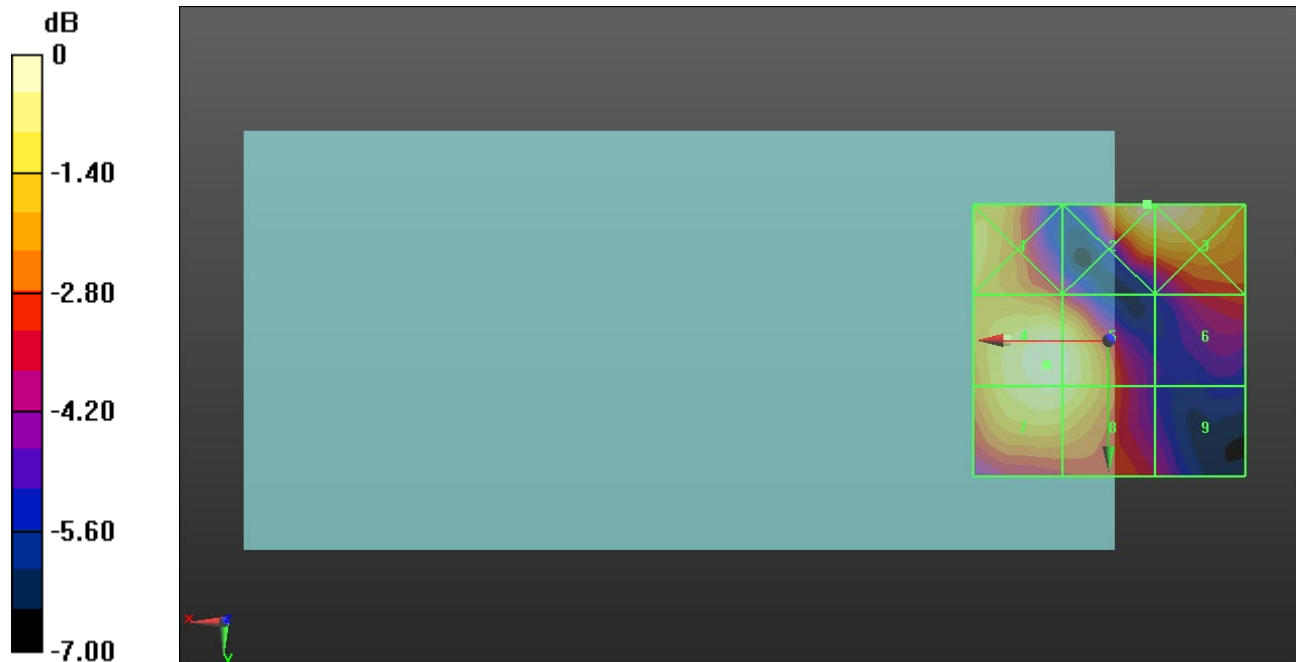
Applied MIF = -3.15 dB

RF audio interference level = 17.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.66 dBV/m	Grid 2 M4 17.82 dBV/m	Grid 3 M4 17.75 dBV/m
Grid 4 M4 17.7 dBV/m	Grid 5 M4 17.51 dBV/m	Grid 6 M4 14.79 dBV/m
Grid 7 M4 17.47 dBV/m	Grid 8 M4 17.31 dBV/m	Grid 9 M4 14.07 dBV/m



0 dB = 7.784 V/m = 17.82 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 = 8.143 V/m; Power Drift = -0.00 dB

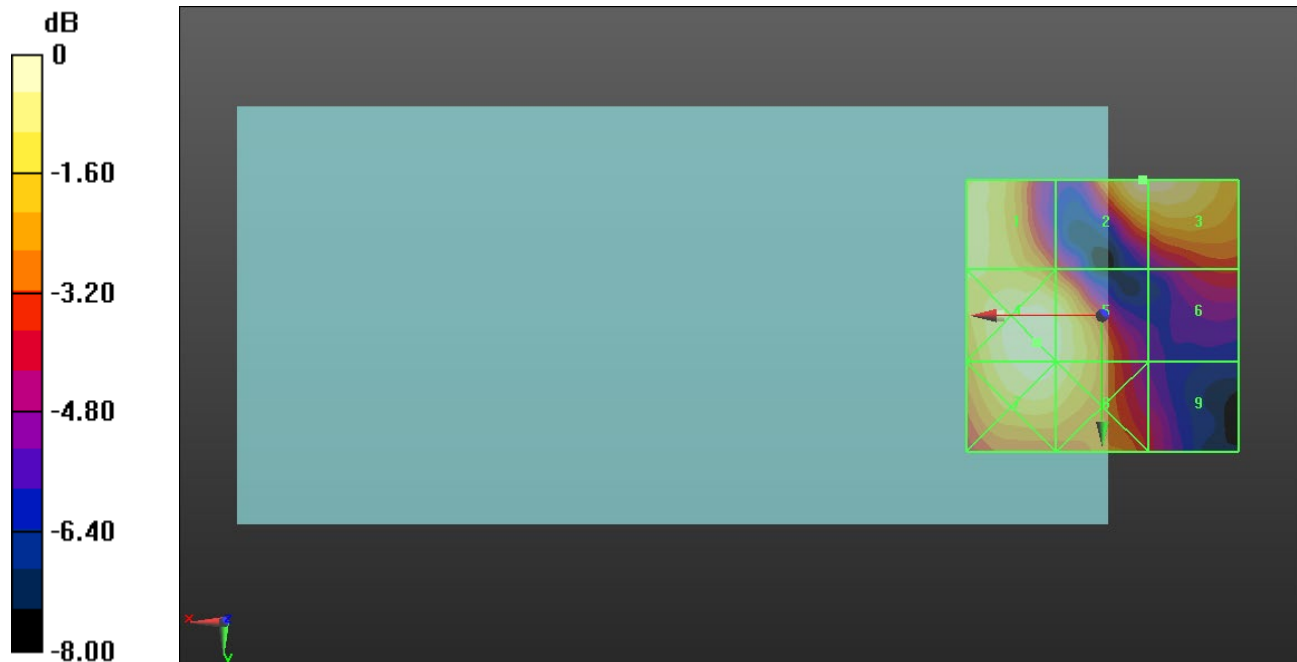
Applied MIF = -3.15 dB

RF audio interference level = 17.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.72 dBV/m	Grid 2 M4 17.25 dBV/m	Grid 3 M4 17.19 dBV/m
Grid 4 M4 17.46 dBV/m	Grid 5 M4 17.13 dBV/m	Grid 6 M4 13.89 dBV/m
Grid 7 M4 17.3 dBV/m	Grid 8 M4 17.01 dBV/m	Grid 9 M4 13.57 dBV/m



0 dB = 7.460 V/m = 17.45 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 = 8.105 V/m; Power Drift = -0.04 dB

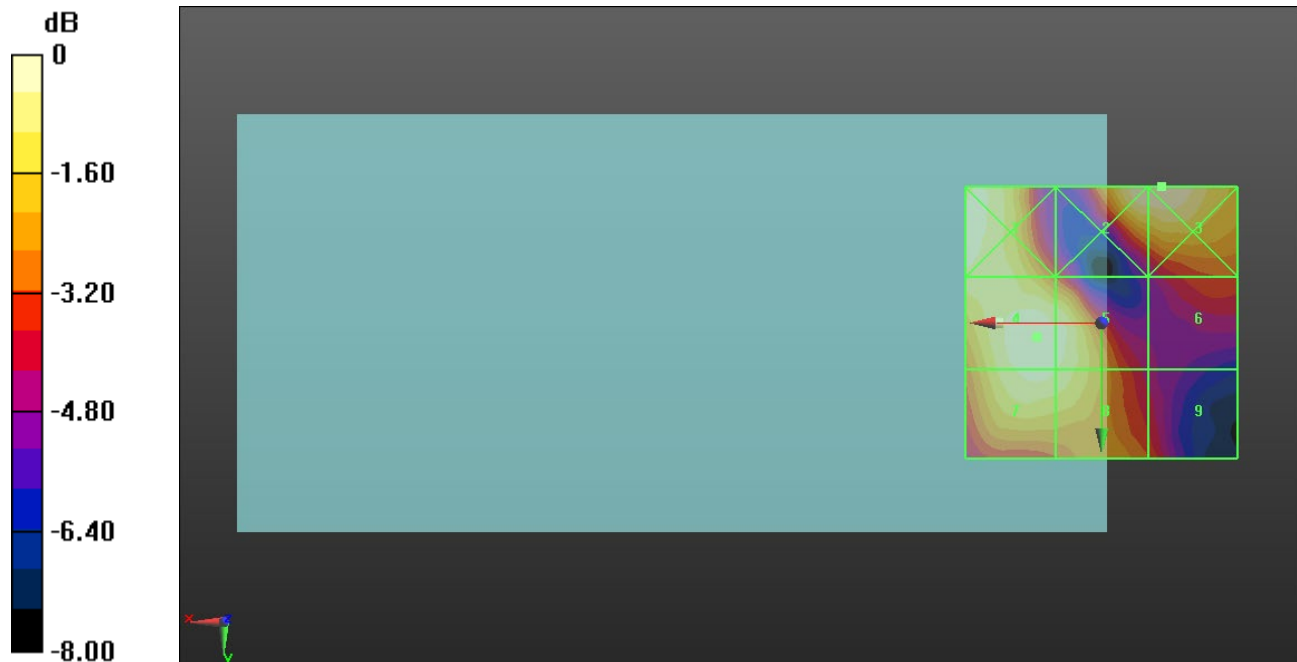
Applied MIF = -3.15 dB

RF audio interference level = 16.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.78 dBV/m	Grid 2 M4 17.05 dBV/m	Grid 3 M4 17.08 dBV/m
Grid 4 M4 16.99 dBV/m	Grid 5 M4 16.8 dBV/m	Grid 6 M4 13.88 dBV/m
Grid 7 M4 16.77 dBV/m	Grid 8 M4 16.57 dBV/m	Grid 9 M4 13.99 dBV/m



0 dB = 7.142 V/m = 17.08 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 = 8.737 V/m; Power Drift = -0.04 dB

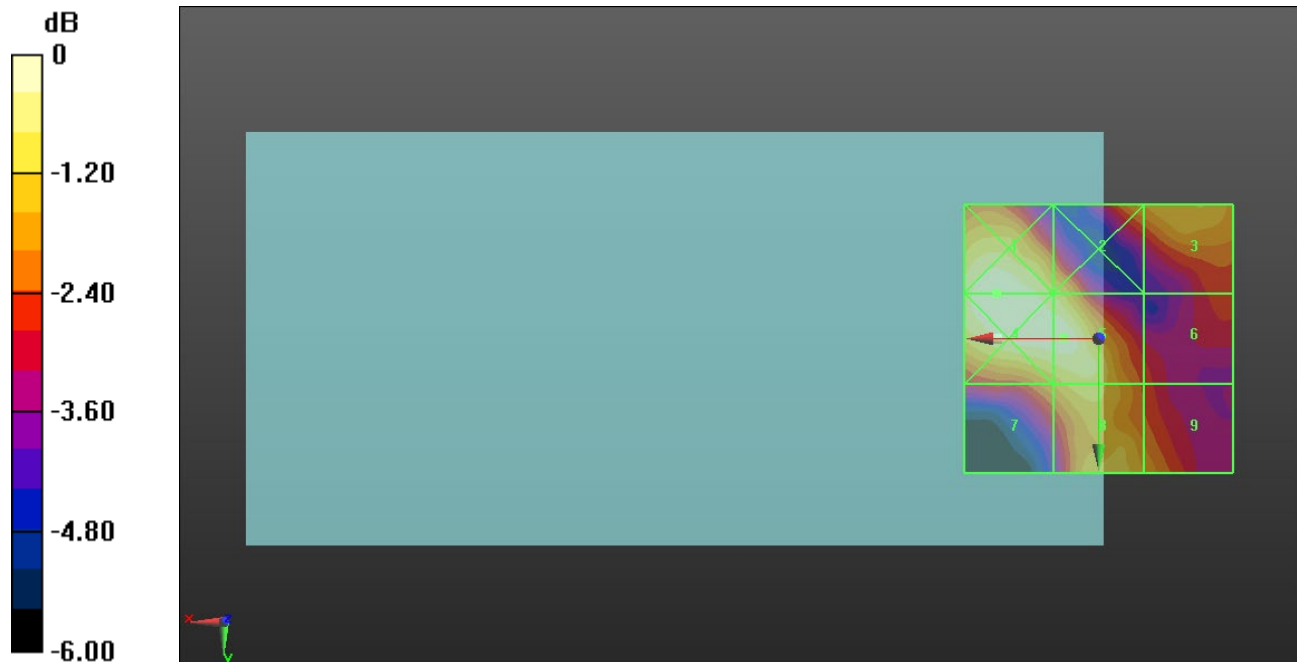
Applied MIF = -3.15 dB

RF audio interference level = 15.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.26 dBV/m	Grid 2 M4 14.38 dBV/m	Grid 3 M4 14.09 dBV/m
Grid 4 M4 15.26 dBV/m	Grid 5 M4 15.17 dBV/m	Grid 6 M4 12.74 dBV/m
Grid 7 M4 13.72 dBV/m	Grid 8 M4 14.34 dBV/m	Grid 9 M4 13.65 dBV/m



0 dB = 5.796 V/m = 15.26 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 = 7.788 V/m; Power Drift = 0.03 dB

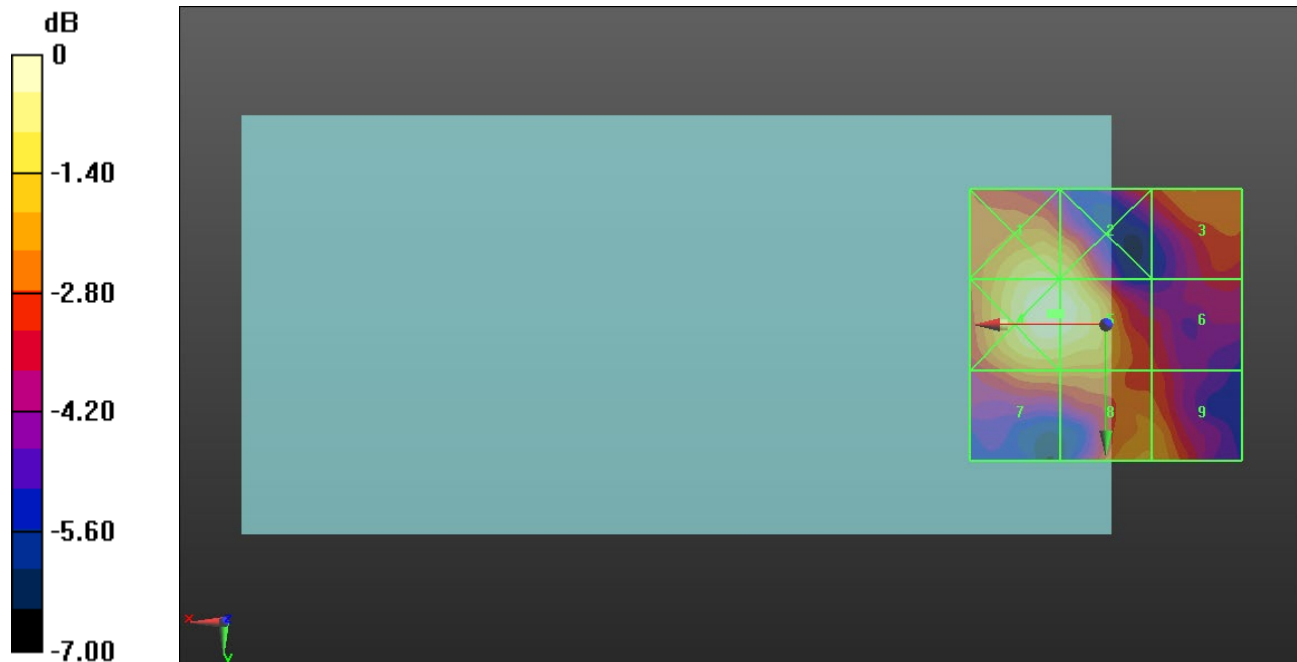
Applied MIF = -3.15 dB

RF audio interference level = 14.79 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.16 dBV/m	Grid 2 M4 14 dBV/m	Grid 3 M4 12.54 dBV/m
Grid 4 M4 14.85 dBV/m	Grid 5 M4 14.79 dBV/m	Grid 6 M4 11.79 dBV/m
Grid 7 M4 12.84 dBV/m	Grid 8 M4 13.13 dBV/m	Grid 9 M4 13.05 dBV/m



0 dB = 5.526 V/m = 14.85 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 144/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.702 V/m; Power Drift = 0.12 dB

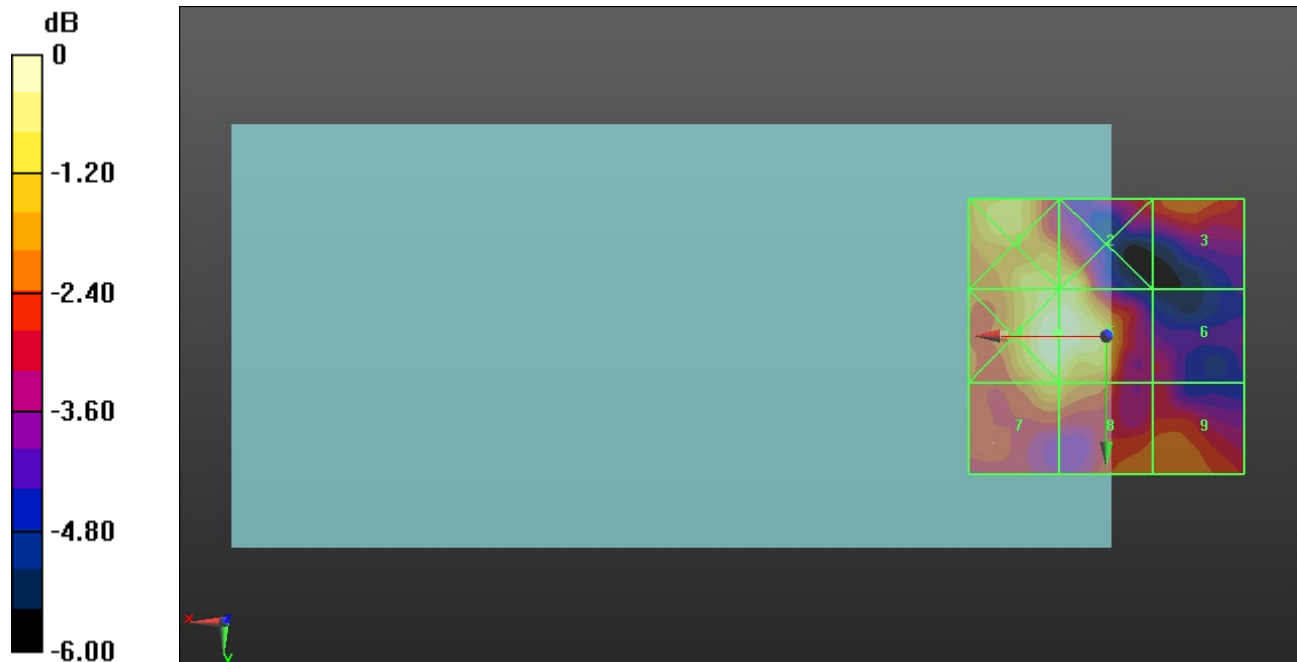
Applied MIF = -3.15 dB

RF audio interference level = 11.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.12 dBV/m	Grid 2 M4 11.26 dBV/m	Grid 3 M4 9.8 dBV/m
Grid 4 M4 11.86 dBV/m	Grid 5 M4 11.86 dBV/m	Grid 6 M4 8.73 dBV/m
Grid 7 M4 10.73 dBV/m	Grid 8 M4 10.65 dBV/m	Grid 9 M4 9.82 dBV/m



0 dB = 3.917 V/m = 11.86 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 = 8.539 V/m; Power Drift = -0.11 dB

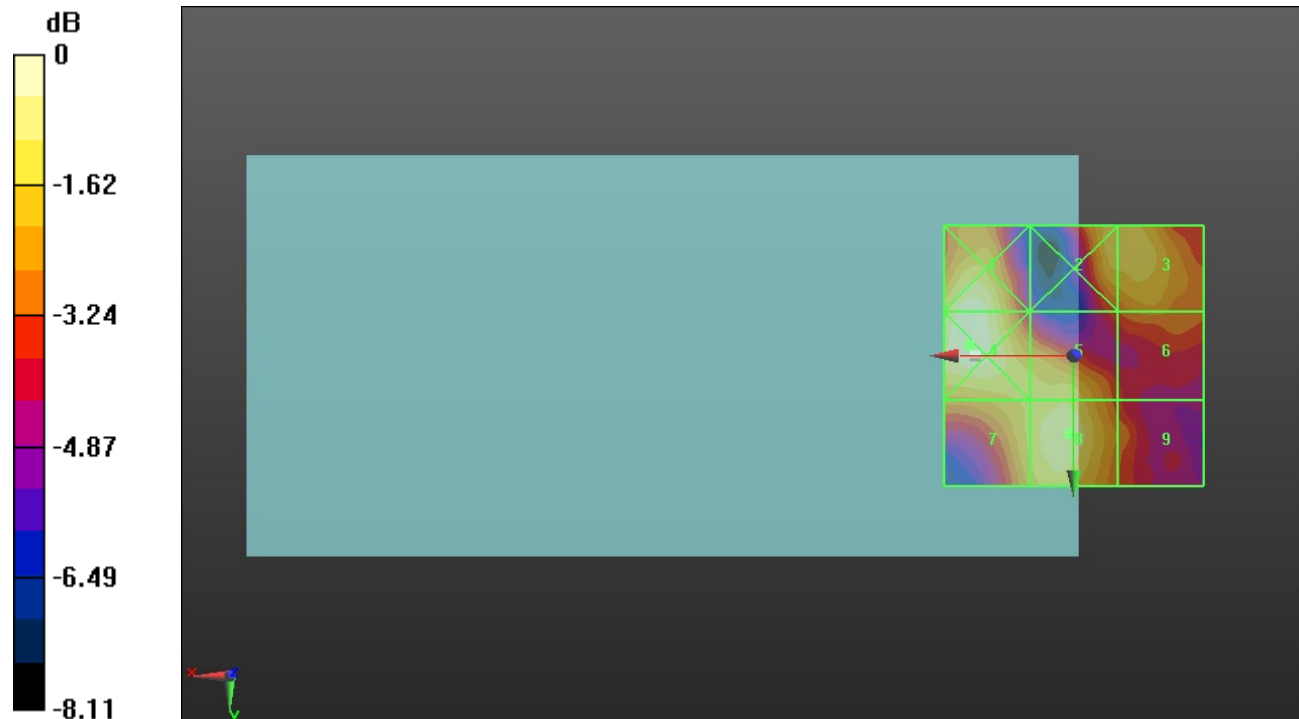
Applied MIF = -3.15 dB

RF audio interference level = 14.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.28 dBV/m	Grid 2 M4 14.34 dBV/m	Grid 3 M4 14.36 dBV/m
Grid 4 M4 15.46 dBV/m	Grid 5 M4 14.32 dBV/m	Grid 6 M4 13.02 dBV/m
Grid 7 M4 14.04 dBV/m	Grid 8 M4 14.92 dBV/m	Grid 9 M4 12.71 dBV/m



0 dB = 5.929 V/m = 15.46 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 = 7.664 V/m; Power Drift = 0.08 dB

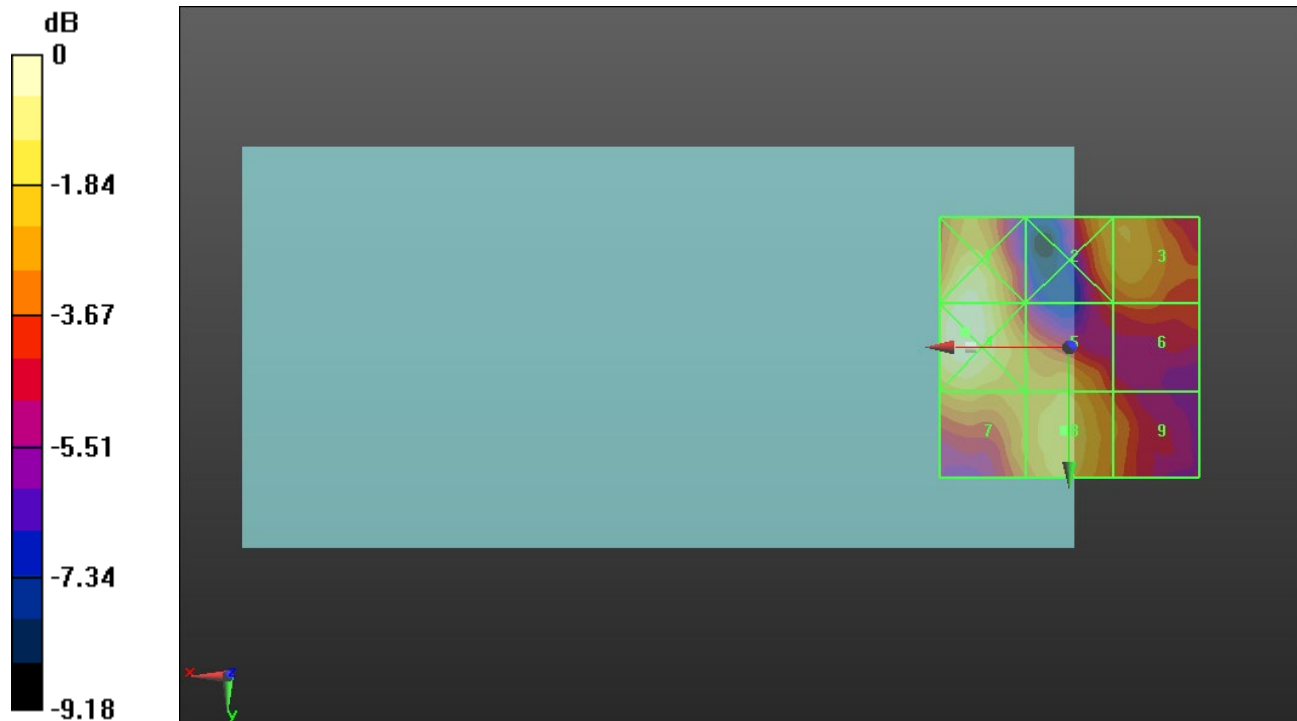
Applied MIF = -3.15 dB

RF audio interference level = 14.61 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.53 dBV/m	Grid 2 M4 13.95 dBV/m	Grid 3 M4 14.04 dBV/m
Grid 4 M4 15.83 dBV/m	Grid 5 M4 13.98 dBV/m	Grid 6 M4 12.52 dBV/m
Grid 7 M4 13.89 dBV/m	Grid 8 M4 14.61 dBV/m	Grid 9 M4 12.95 dBV/m



0 dB = 6.184 V/m = 15.83 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 = 6.487 V/m; Power Drift = 0.03 dB

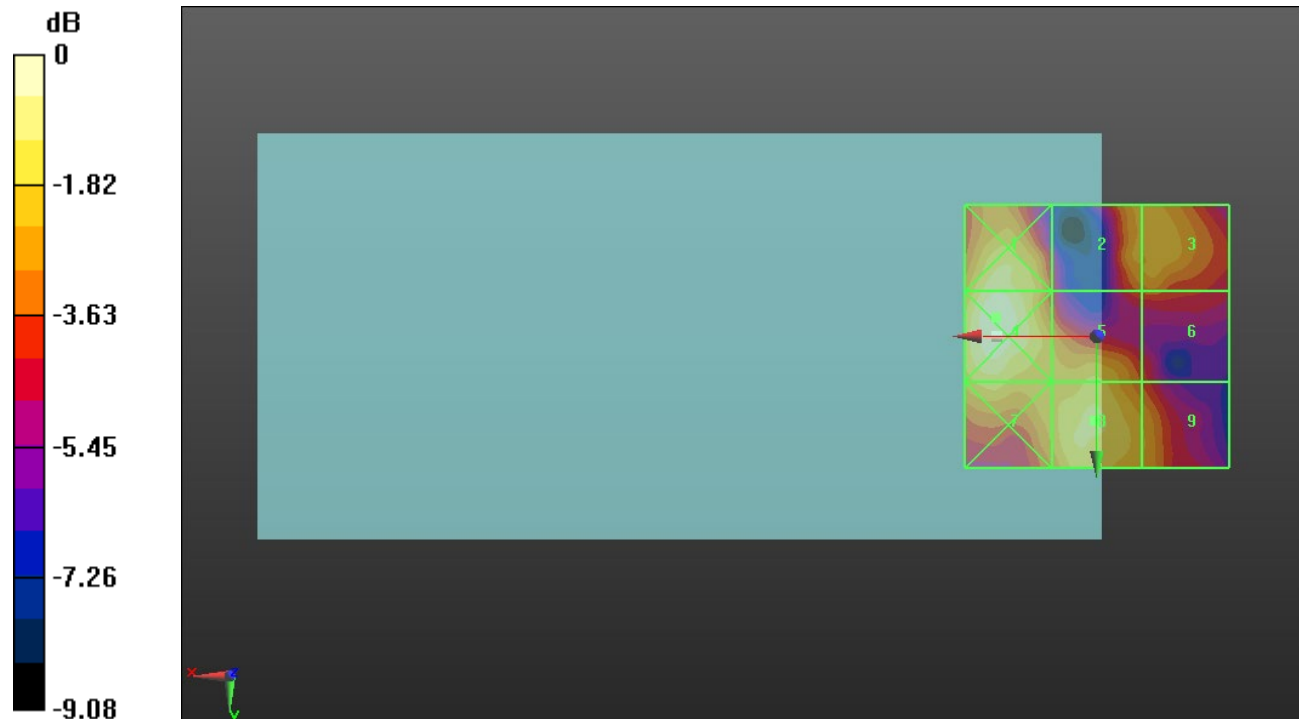
Applied MIF = -3.15 dB

RF audio interference level = 13.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.83 dBV/m	Grid 2 M4 12.26 dBV/m	Grid 3 M4 12.49 dBV/m
Grid 4 M4 14.44 dBV/m	Grid 5 M4 12.78 dBV/m	Grid 6 M4 11.19 dBV/m
Grid 7 M4 12.97 dBV/m	Grid 8 M4 13.4 dBV/m	Grid 9 M4 12.19 dBV/m



0 dB = 5.273 V/m = 14.44 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 = 8.935 V/m; Power Drift = 0.15 dB

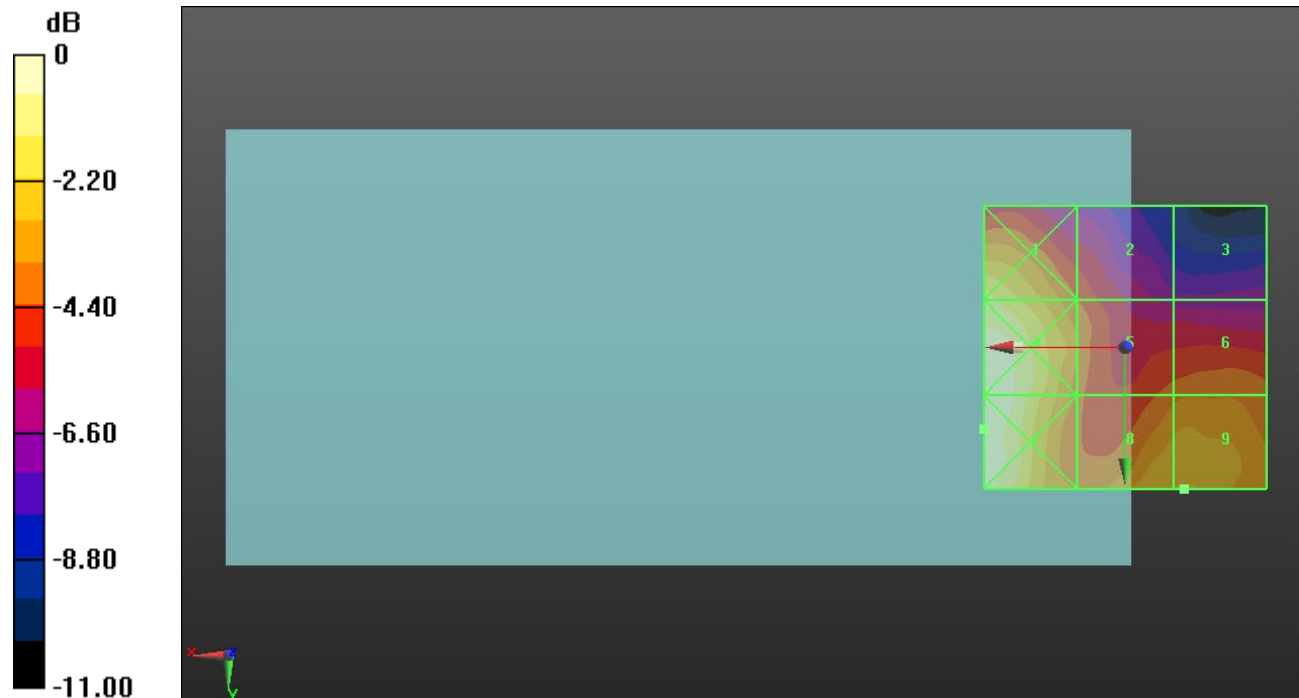
Applied MIF = -1.44 dB

RF audio interference level = 20.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.99 dBV/m	Grid 2 M4 18.79 dBV/m	Grid 3 M4 16.26 dBV/m
Grid 4 M4 22.94 dBV/m	Grid 5 M4 19.62 dBV/m	Grid 6 M4 19.44 dBV/m
Grid 7 M4 23.14 dBV/m	Grid 8 M4 20.97 dBV/m	Grid 9 M4 20.98 dBV/m



0 dB = 14.36 V/m = 23.14 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 = 9.372 V/m; Power Drift = -0.11 dB

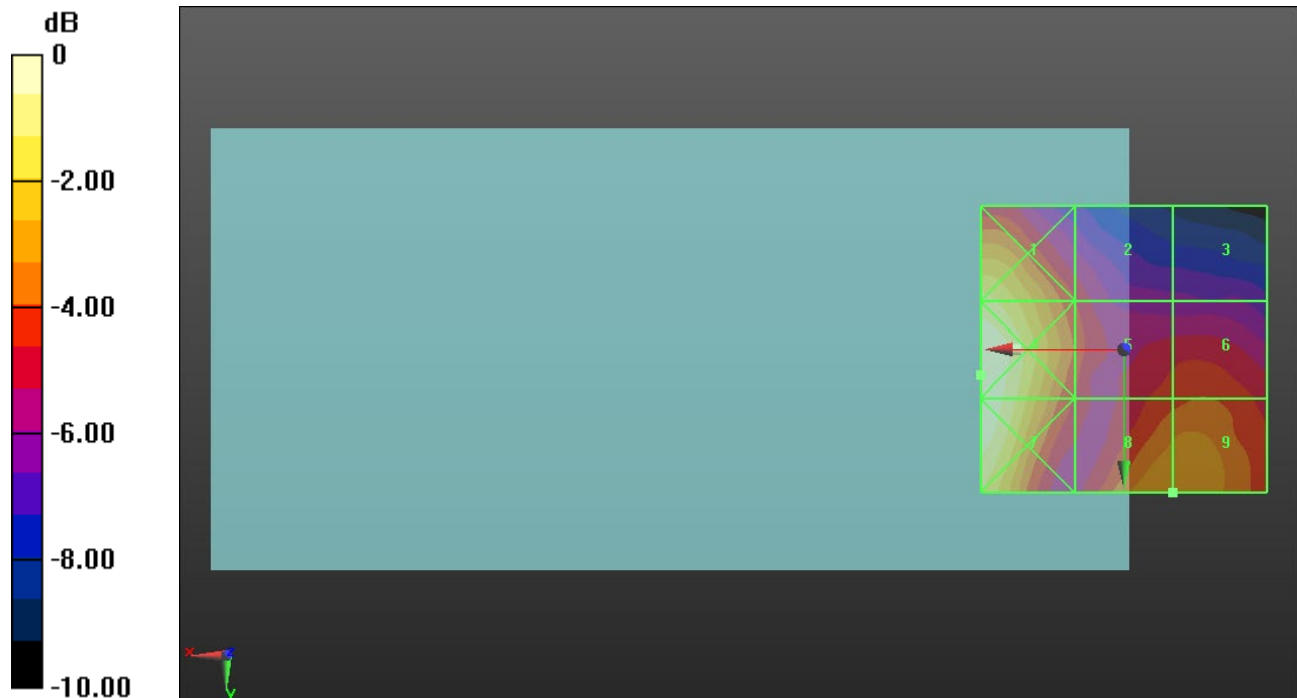
Applied MIF = -1.44 dB

RF audio interference level = 21.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.73 dBV/m	Grid 2 M4 19.12 dBV/m	Grid 3 M4 17.37 dBV/m
Grid 4 M4 23.76 dBV/m	Grid 5 M4 19.68 dBV/m	Grid 6 M4 19.81 dBV/m
Grid 7 M4 23.62 dBV/m	Grid 8 M4 21.09 dBV/m	Grid 9 M4 21.09 dBV/m



0 dB = 15.42 V/m = 23.76 dBV/m

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

56207/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.103 V/m; Power Drift = -0.10 dB

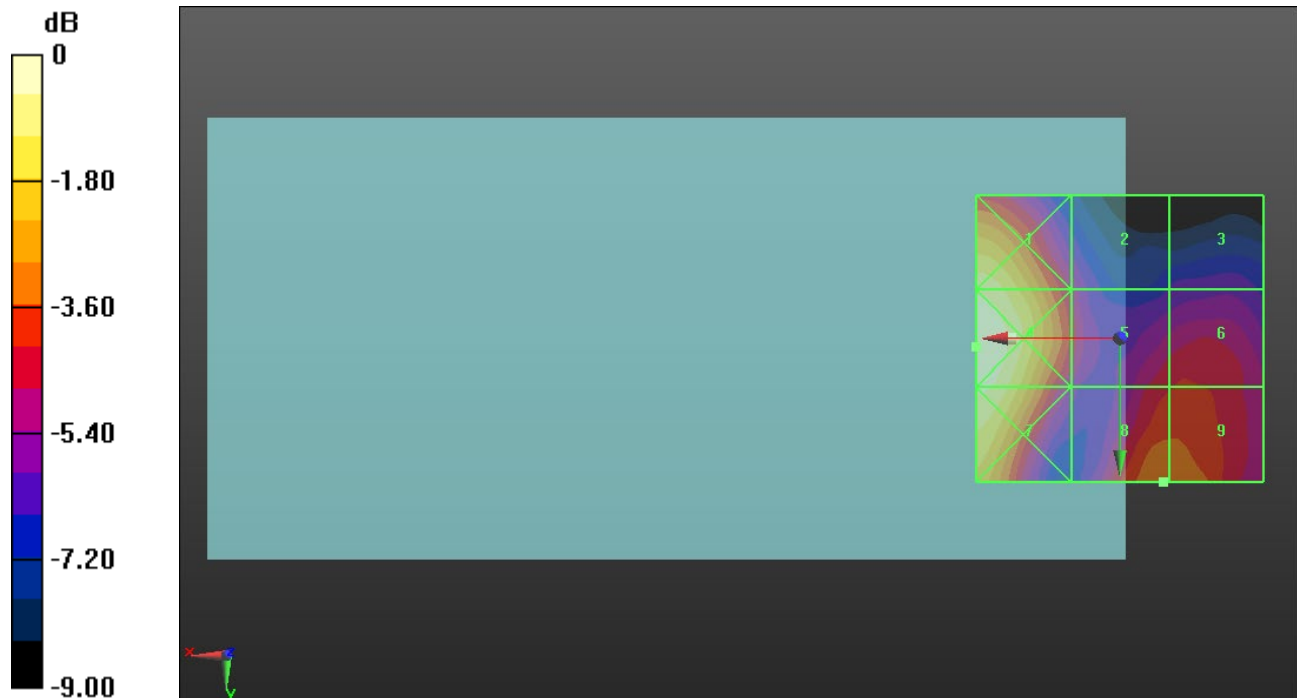
Applied MIF = -1.44 dB

RF audio interference level = 21.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.76 dBV/m	Grid 2 M4 19.5 dBV/m	Grid 3 M4 18.38 dBV/m
Grid 4 M4 24.46 dBV/m	Grid 5 M4 20.21 dBV/m	Grid 6 M4 20.36 dBV/m
Grid 7 M4 23.99 dBV/m	Grid 8 M4 21.33 dBV/m	Grid 9 M4 21.31 dBV/m



0 dB = 16.71 V/m = 24.46 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.212 V/m; Power Drift = -0.12 dB

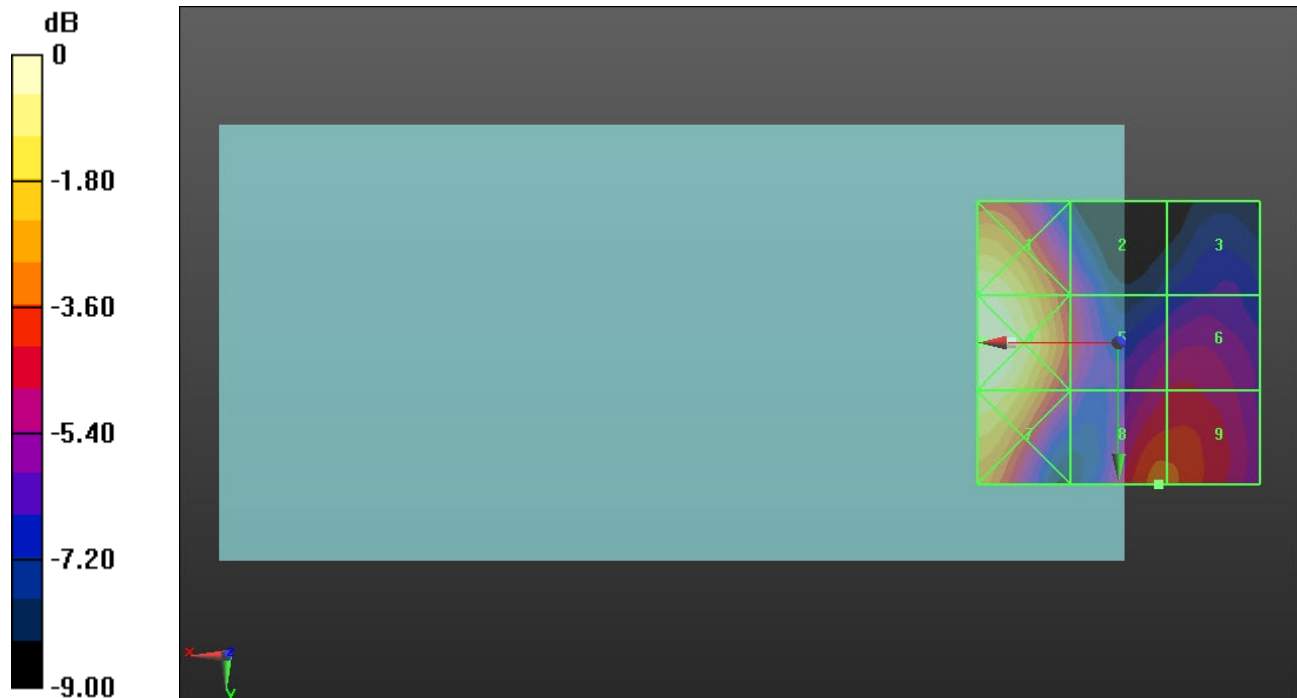
Applied MIF = -1.44 dB

RF audio interference level = 20.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.84 dBV/m	Grid 2 M4 19.6 dBV/m	Grid 3 M4 17.93 dBV/m
Grid 4 M4 24.3 dBV/m	Grid 5 M4 20.18 dBV/m	Grid 6 M4 19.69 dBV/m
Grid 7 M4 23.67 dBV/m	Grid 8 M4 20.96 dBV/m	Grid 9 M4 20.85 dBV/m



0 dB = 16.41 V/m = 24.30 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 = 15.42 V/m; Power Drift = -0.17 dB

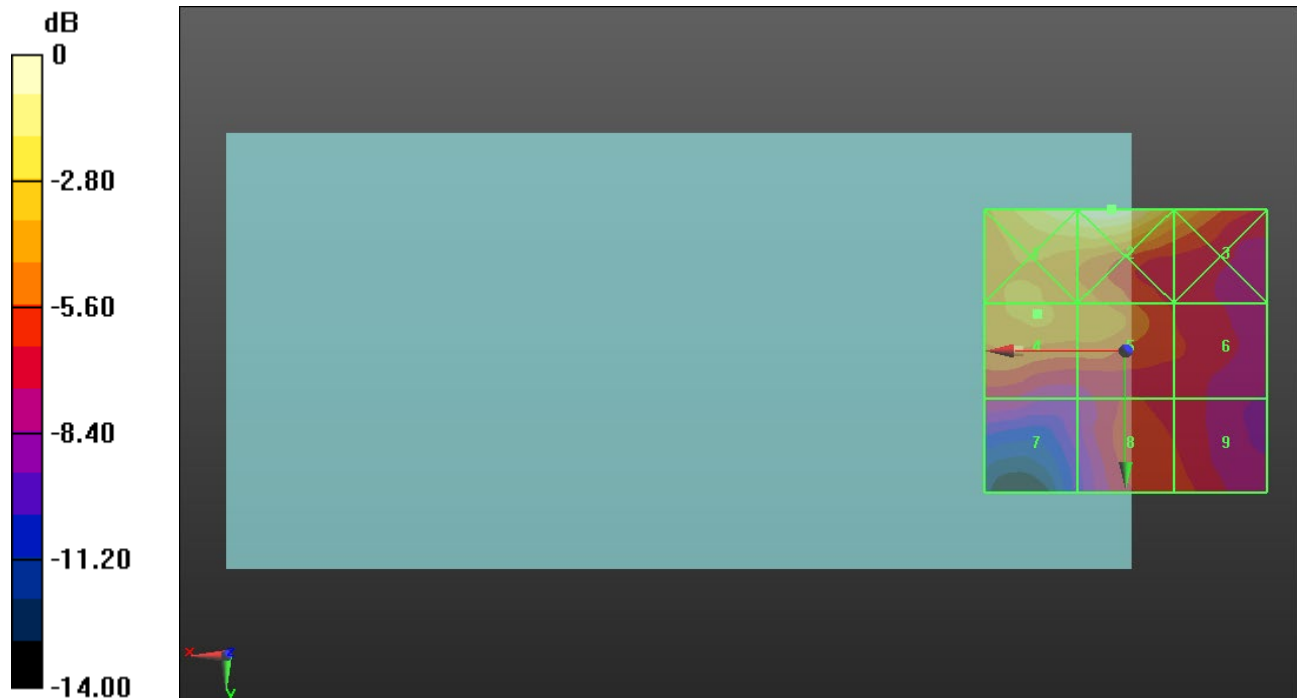
Applied MIF = -1.44 dB

RF audio interference level = 19.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.4 dBV/m	Grid 2 M4 22.99 dBV/m	Grid 3 M4 19.85 dBV/m
Grid 4 M4 19.5 dBV/m	Grid 5 M4 19.17 dBV/m	Grid 6 M4 16.65 dBV/m
Grid 7 M4 15.67 dBV/m	Grid 8 M4 17.06 dBV/m	Grid 9 M4 16.93 dBV/m



0 dB = 14.11 V/m = 22.99 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 = 15.65 V/m; Power Drift = -0.00 dB

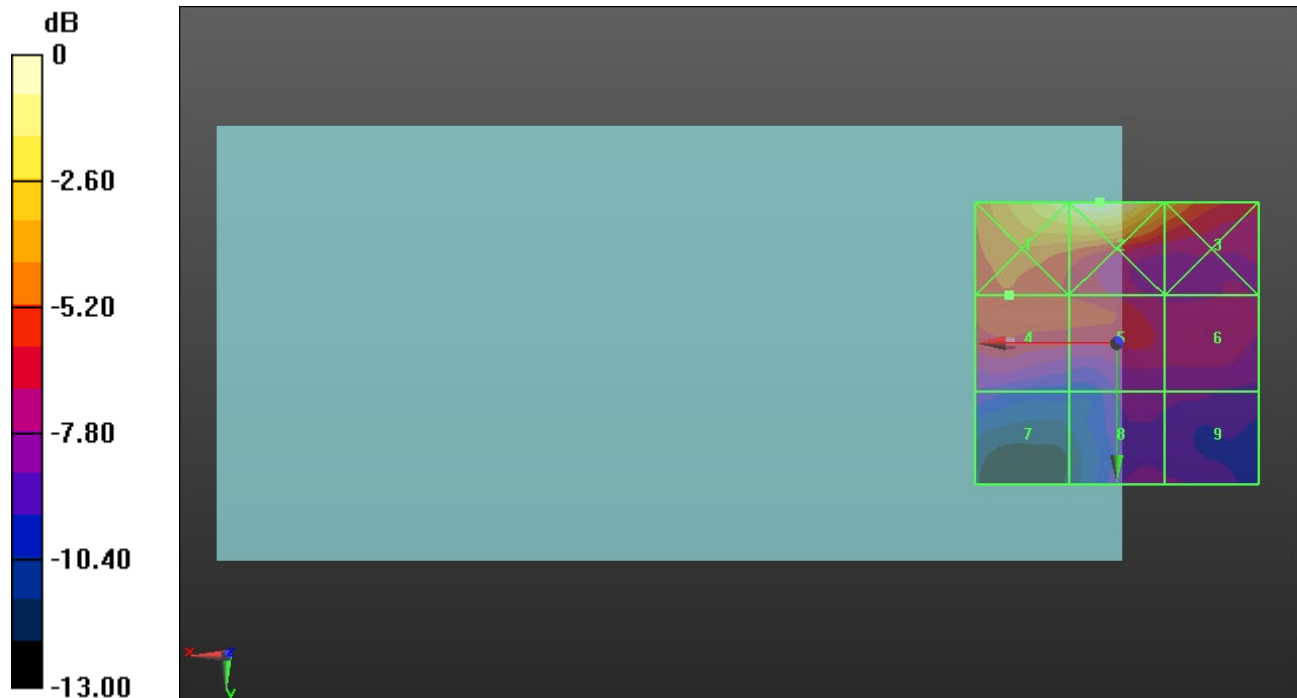
Applied MIF = -1.44 dB

RF audio interference level = 18.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.12 dBV/m	Grid 2 M4 23.97 dBV/m	Grid 3 M4 20.54 dBV/m
Grid 4 M4 18.72 dBV/m	Grid 5 M4 18.27 dBV/m	Grid 6 M4 16.87 dBV/m
Grid 7 M4 15.33 dBV/m	Grid 8 M4 16.01 dBV/m	Grid 9 M4 15.72 dBV/m



0 dB = 15.79 V/m = 23.97 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 = 16.53 V/m; Power Drift = 0.12 dB

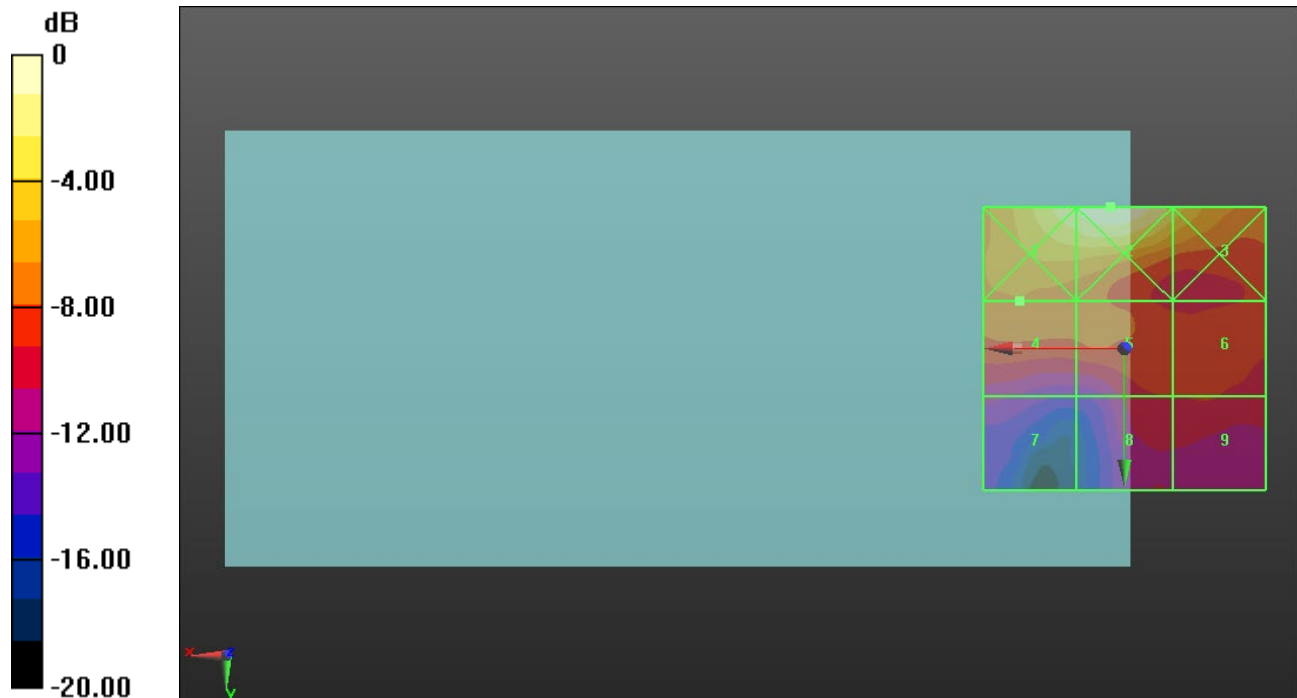
Applied MIF = -1.44 dB

RF audio interference level = 18.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.83 dBV/m	Grid 2 M4 25.03 dBV/m	Grid 3 M4 21.97 dBV/m
Grid 4 M4 18.34 dBV/m	Grid 5 M4 17.86 dBV/m	Grid 6 M4 16.52 dBV/m
Grid 7 M4 13.57 dBV/m	Grid 8 M4 15.72 dBV/m	Grid 9 M4 15.86 dBV/m



0 dB = 17.85 V/m = 25.03 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 = 17.43 V/m; Power Drift = -0.04 dB

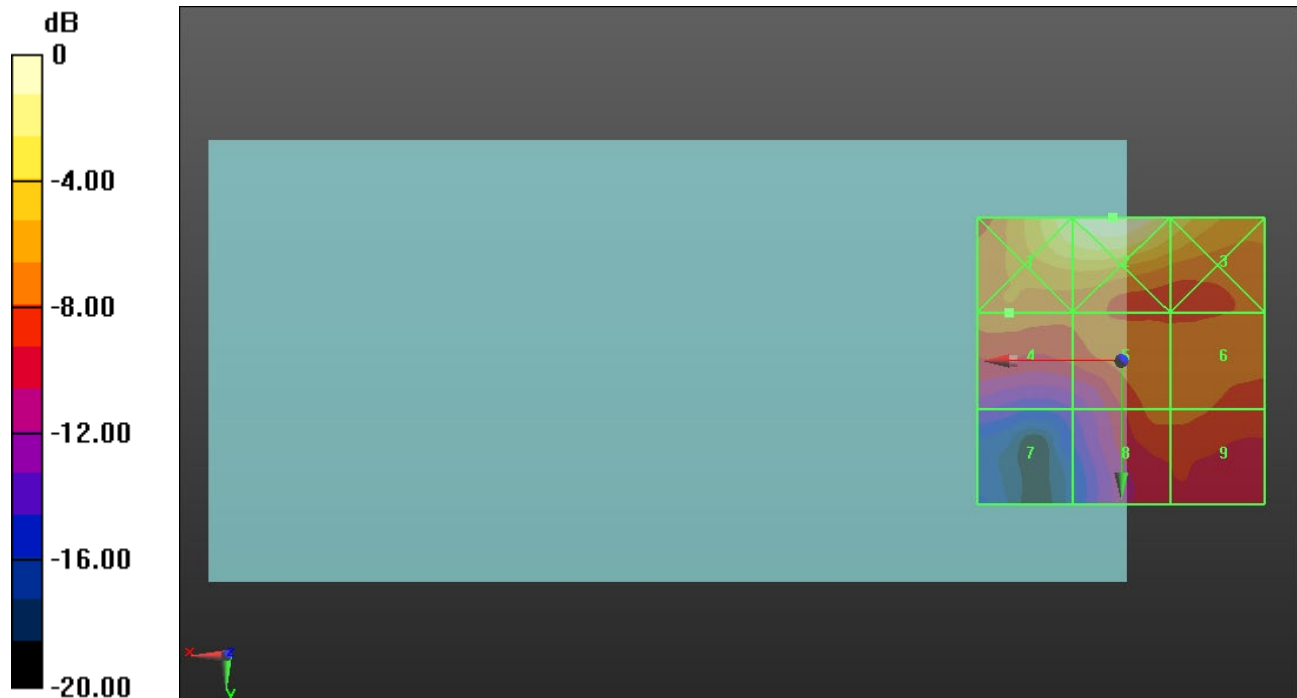
Applied MIF = -1.44 dB

RF audio interference level = 17.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.33 dBV/m	Grid 2 M4 24.86 dBV/m	Grid 3 M4 22.31 dBV/m
Grid 4 M4 17.88 dBV/m	Grid 5 M4 17.86 dBV/m	Grid 6 M4 17.87 dBV/m
Grid 7 M4 11.57 dBV/m	Grid 8 M4 17.32 dBV/m	Grid 9 M4 17.3 dBV/m



0 dB = 17.50 V/m = 24.86 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.920 V/m; Power Drift = -0.15 dB

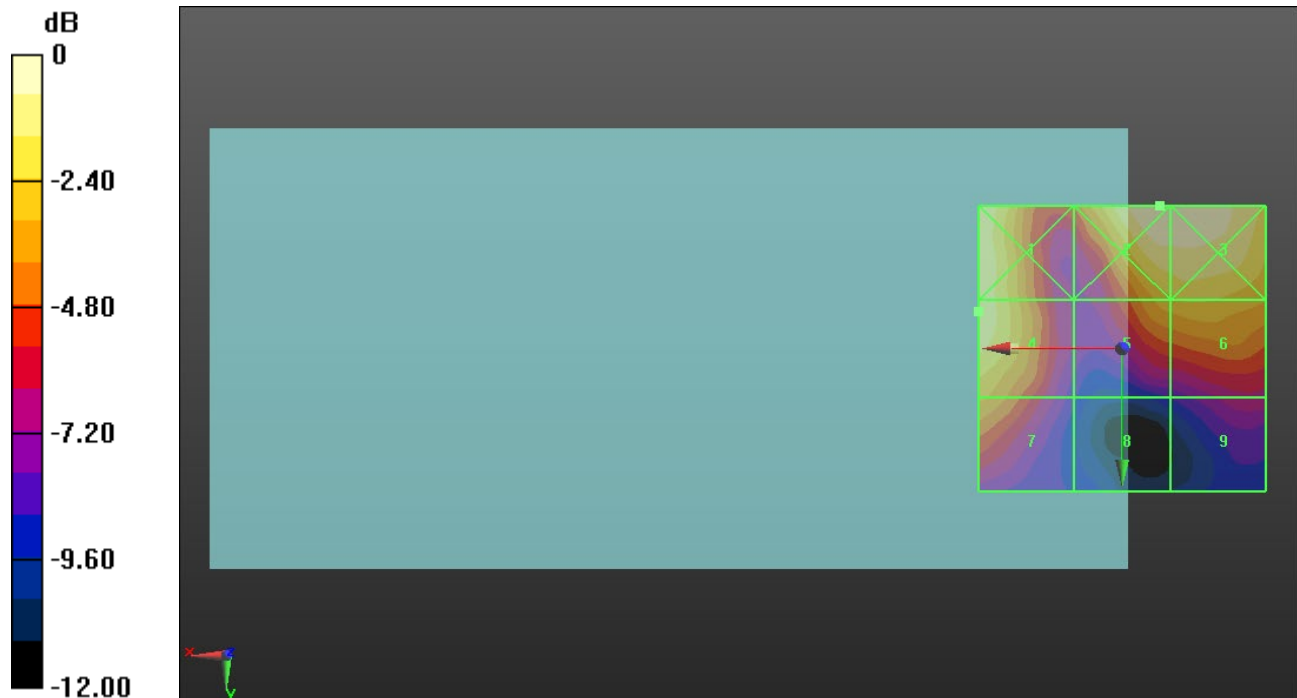
Applied MIF = -1.44 dB

RF audio interference level = 21.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.58 dBV/m	Grid 2 M4 22.25 dBV/m	Grid 3 M4 22.14 dBV/m
Grid 4 M4 21.29 dBV/m	Grid 5 M4 19.68 dBV/m	Grid 6 M4 19.97 dBV/m
Grid 7 M4 19.26 dBV/m	Grid 8 M4 13.74 dBV/m	Grid 9 M4 15.67 dBV/m



0 dB = 12.95 V/m = 22.25 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.358 V/m; Power Drift = -0.17 dB

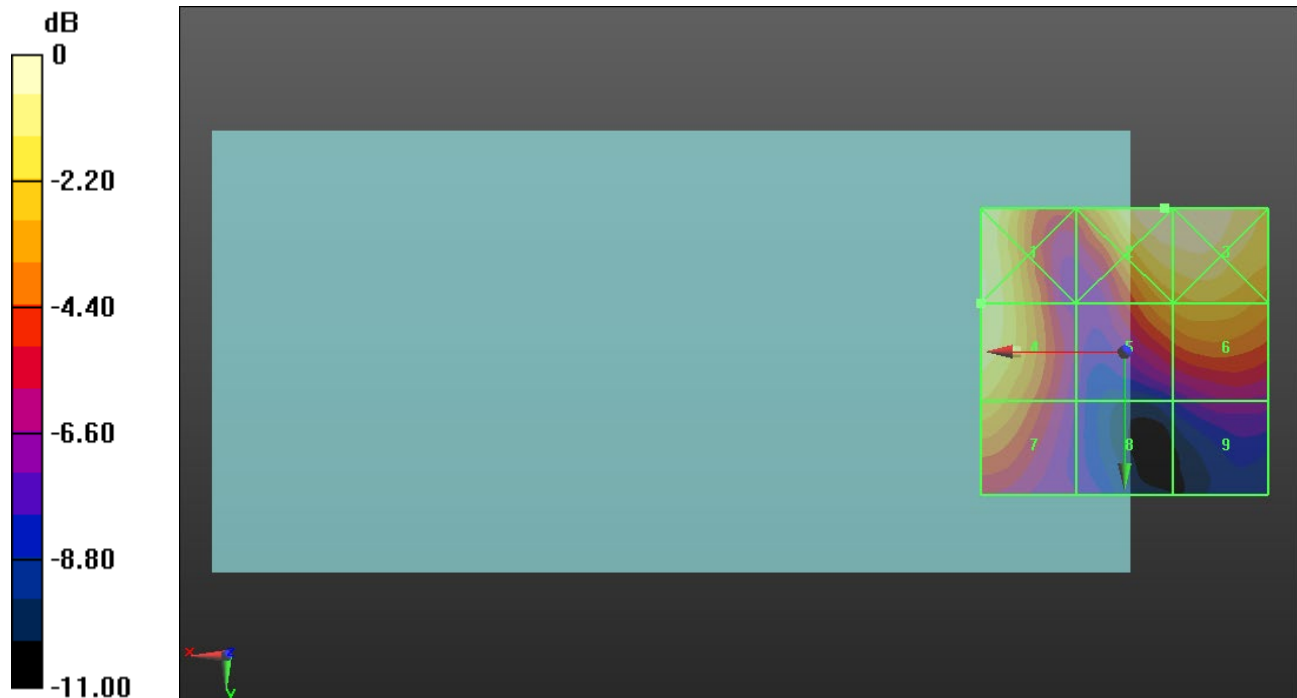
Applied MIF = -1.44 dB

RF audio interference level = 21.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.67 dBV/m	Grid 2 M4 22.16 dBV/m	Grid 3 M4 22.14 dBV/m
Grid 4 M4 21.49 dBV/m	Grid 5 M4 19.51 dBV/m	Grid 6 M4 19.91 dBV/m
Grid 7 M4 19.96 dBV/m	Grid 8 M4 14.94 dBV/m	Grid 9 M4 15.48 dBV/m



0 dB = 12.82 V/m = 22.16 dBV/m

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

56207/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.277 V/m; Power Drift = -0.10 dB

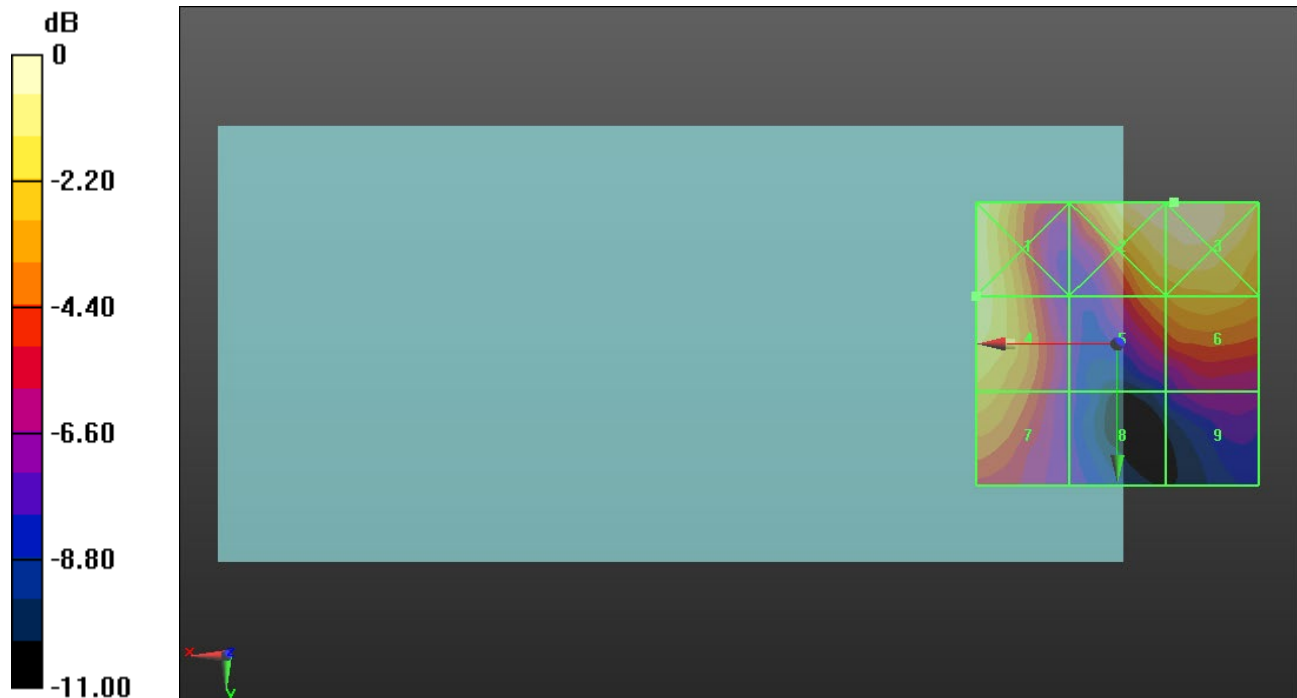
Applied MIF = -1.44 dB

RF audio interference level = 21.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.87 dBV/m	Grid 2 M4 22.72 dBV/m	Grid 3 M4 22.75 dBV/m
Grid 4 M4 21.72 dBV/m	Grid 5 M4 19.87 dBV/m	Grid 6 M4 20.46 dBV/m
Grid 7 M4 20.39 dBV/m	Grid 8 M4 15.38 dBV/m	Grid 9 M4 16.28 dBV/m



0 dB = 13.73 V/m = 22.75 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 = 6.936 V/m; Power Drift = 0.04 dB

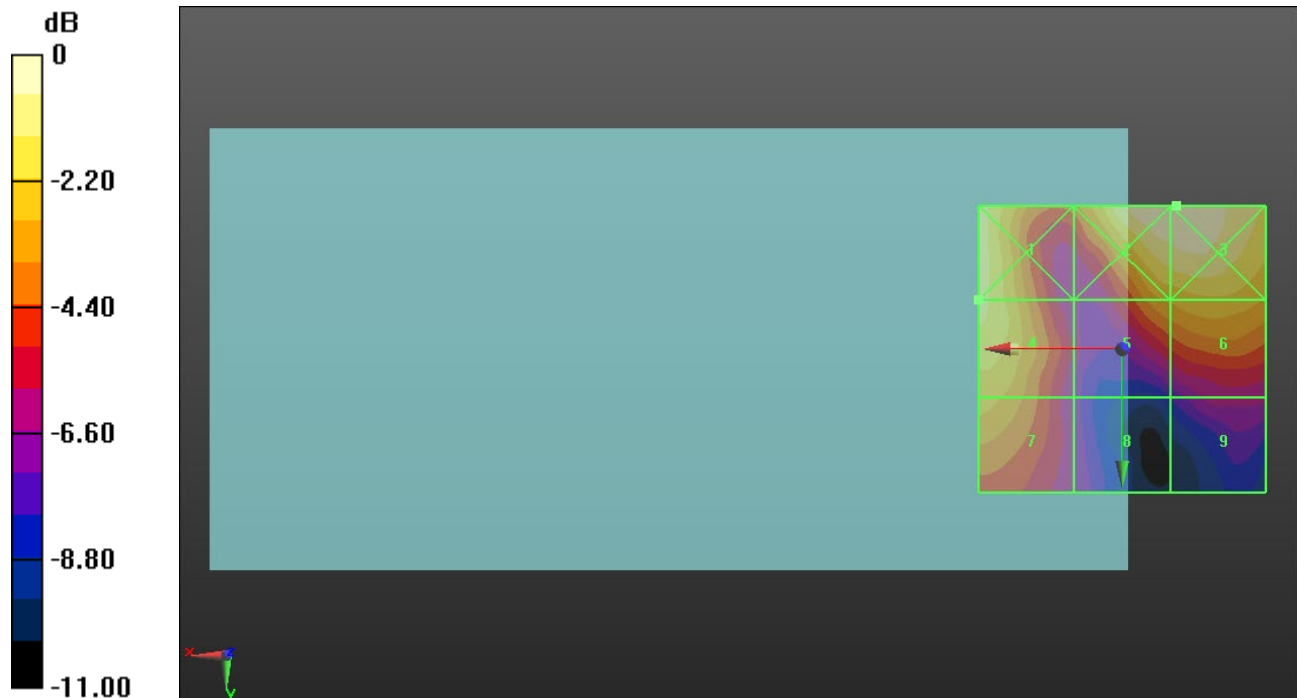
Applied MIF = -1.44 dB

RF audio interference level = 21.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.31 dBV/m	Grid 2 M4 22.25 dBV/m	Grid 3 M4 22.26 dBV/m
Grid 4 M4 21.03 dBV/m	Grid 5 M4 19.45 dBV/m	Grid 6 M4 19.94 dBV/m
Grid 7 M4 19.66 dBV/m	Grid 8 M4 15.76 dBV/m	Grid 9 M4 16.01 dBV/m



0 dB = 12.97 V/m = 22.26 dBV/m