

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 = 25.14 V/m; Power Drift = -0.04 dB

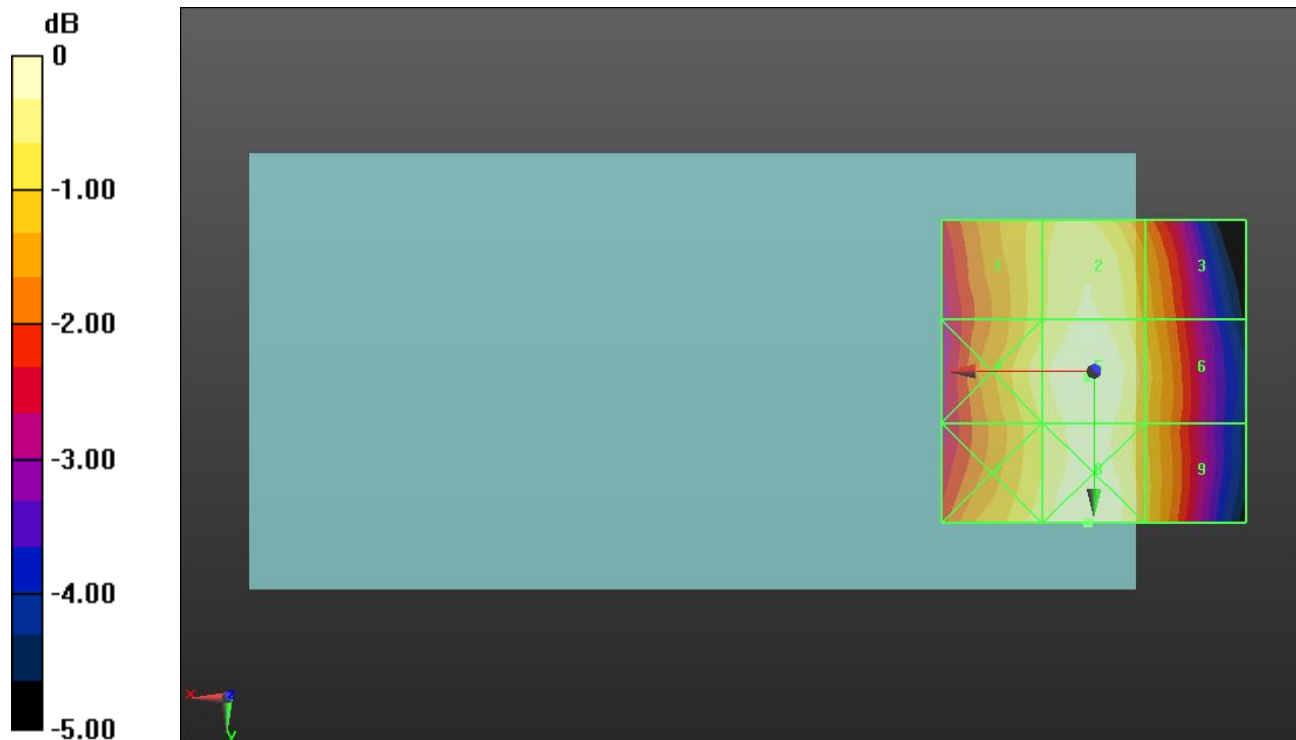
Applied MIF = 3.63 dB

RF audio interference level = 28.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.25 dBV/m	Grid 2 M4 28.7 dBV/m	Grid 3 M4 27.9 dBV/m
Grid 4 M4 28.54 dBV/m	Grid 5 M4 28.93 dBV/m	Grid 6 M4 28.15 dBV/m
Grid 7 M4 28.55 dBV/m	Grid 8 M4 28.97 dBV/m	Grid 9 M4 28.12 dBV/m



0 dB = 28.09 V/m = 28.97 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 = 24.67 V/m; Power Drift = -0.03 dB

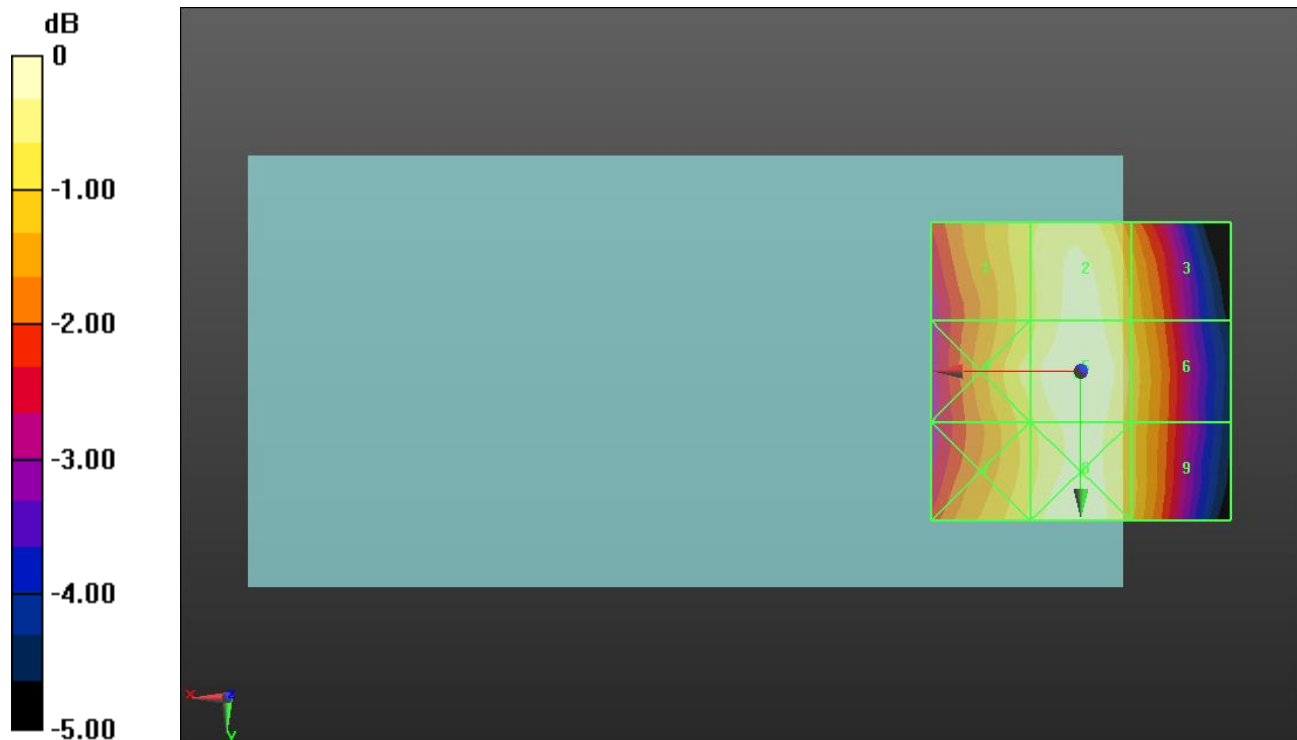
Applied MIF = 3.63 dB

RF audio interference level = 28.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.14 dBV/m	Grid 2 M4 28.67 dBV/m	Grid 3 M4 27.88 dBV/m
Grid 4 M4 28.37 dBV/m	Grid 5 M4 28.85 dBV/m	Grid 6 M4 28.1 dBV/m
Grid 7 M4 28.28 dBV/m	Grid 8 M4 28.74 dBV/m	Grid 9 M4 28 dBV/m



0 dB = 27.70 V/m = 28.85 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 = 24.89 V/m; Power Drift = 0.01 dB

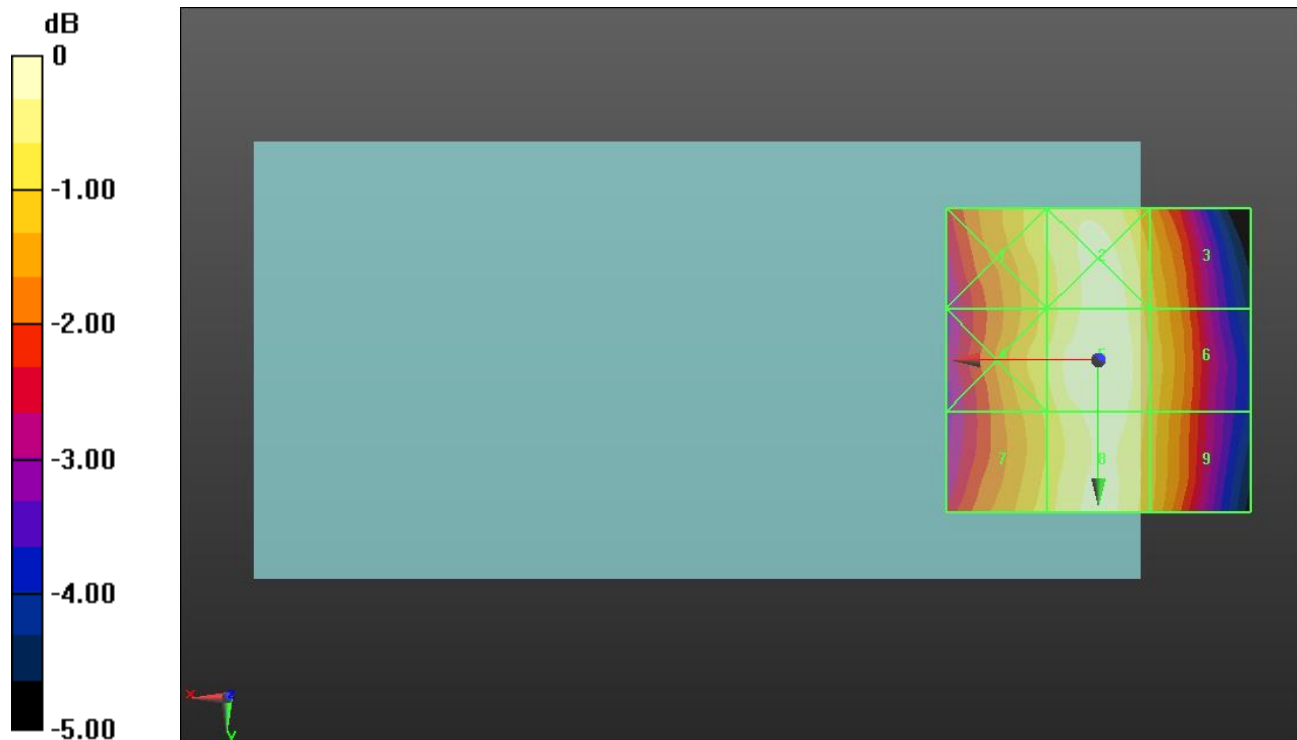
Applied MIF = 3.63 dB

RF audio interference level = 29.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.42 dBV/m	Grid 2 M4 28.85 dBV/m	Grid 3 M4 28.23 dBV/m
Grid 4 M4 28.42 dBV/m	Grid 5 M4 29.04 dBV/m	Grid 6 M4 28.38 dBV/m
Grid 7 M4 28.25 dBV/m	Grid 8 M4 28.83 dBV/m	Grid 9 M4 28.26 dBV/m



0 dB = 28.32 V/m = 29.04 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 = 5.639 V/m; Power Drift = 0.02 dB

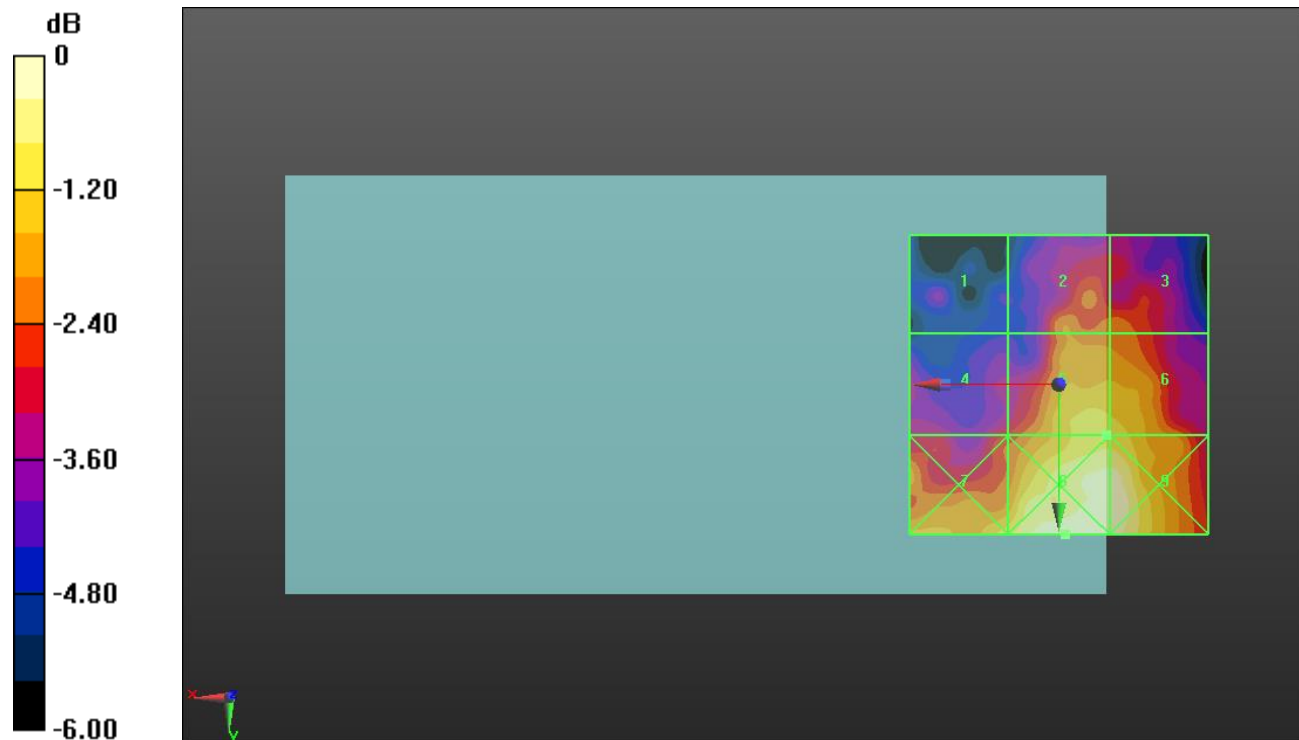
Applied MIF = 3.63 dB

RF audio interference level = 18.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.3 dBV/m	Grid 2 M4 17.2 dBV/m	Grid 3 M4 17.08 dBV/m
Grid 4 M4 16.47 dBV/m	Grid 5 M4 18.19 dBV/m	Grid 6 M4 18.18 dBV/m
Grid 7 M4 18.23 dBV/m	Grid 8 M4 19.16 dBV/m	Grid 9 M4 19.11 dBV/m



0 dB = 9.076 V/m = 19.16 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 = 6.195 V/m; Power Drift = 0.14 dB

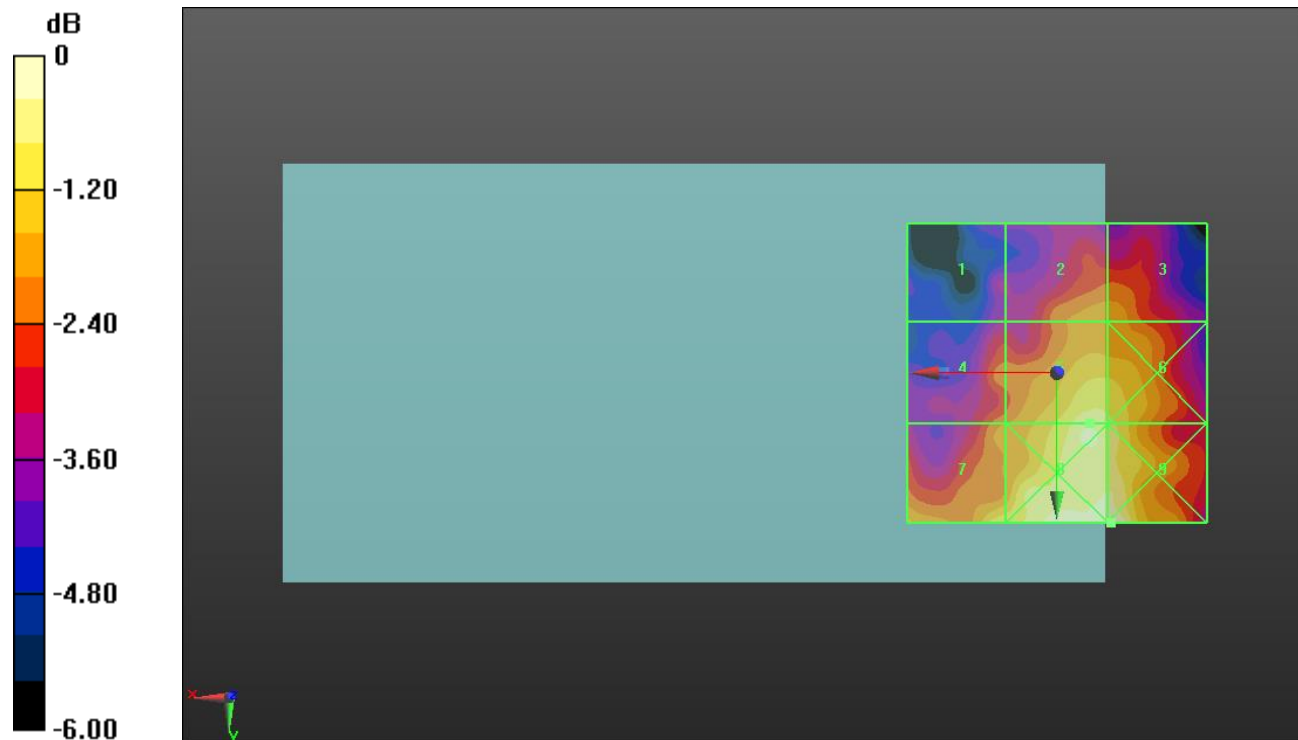
Applied MIF = 3.63 dB

RF audio interference level = 18.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.98 dBV/m	Grid 2 M4 17.67 dBV/m	Grid 3 M4 17.68 dBV/m
Grid 4 M4 17.42 dBV/m	Grid 5 M4 18.94 dBV/m	Grid 6 M4 18.74 dBV/m
Grid 7 M4 18.61 dBV/m	Grid 8 M4 19.39 dBV/m	Grid 9 M4 19.4 dBV/m



0 dB = 9.337 V/m = 19.40 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 = 6.358 V/m; Power Drift = 0.15 dB

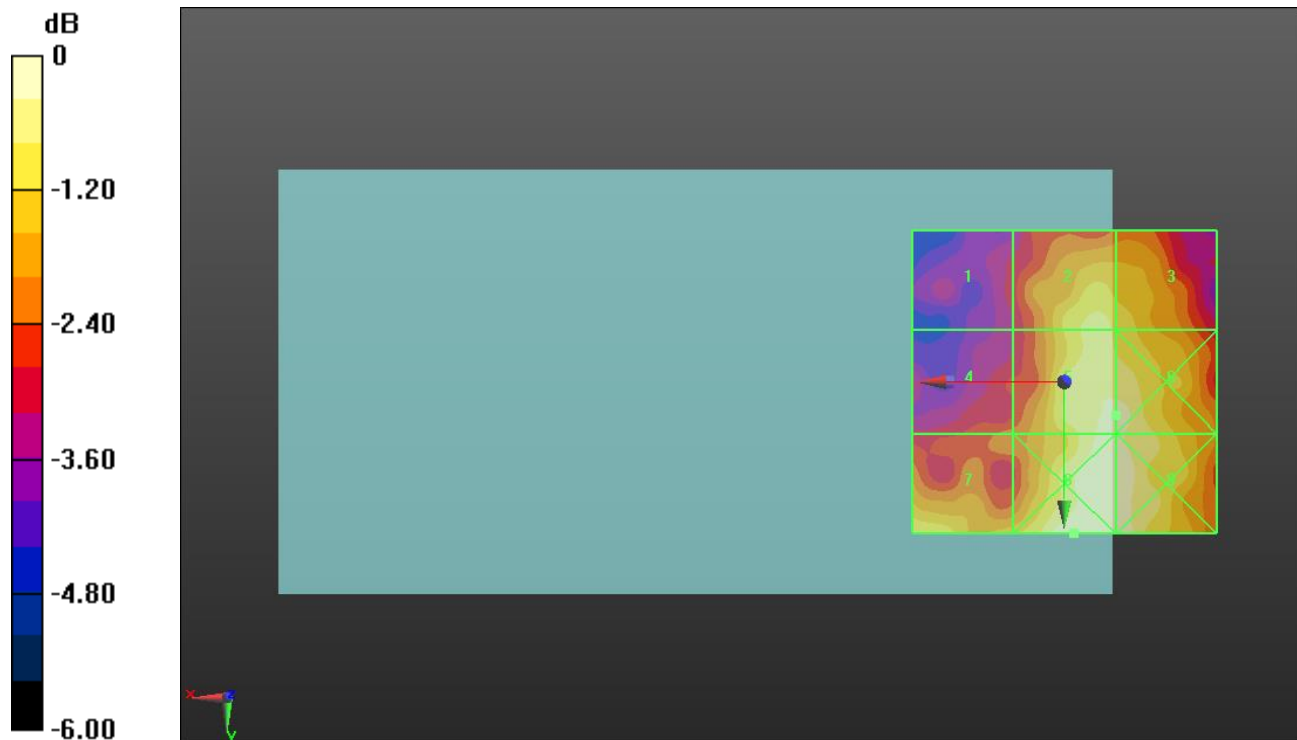
Applied MIF = 3.63 dB

RF audio interference level = 18.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.77 dBV/m	Grid 2 M4 18.07 dBV/m	Grid 3 M4 17.86 dBV/m
Grid 4 M4 16.51 dBV/m	Grid 5 M4 18.43 dBV/m	Grid 6 M4 18.43 dBV/m
Grid 7 M4 18.04 dBV/m	Grid 8 M4 18.72 dBV/m	Grid 9 M4 18.57 dBV/m



0 dB = 8.625 V/m = 18.72 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 = 9.573 V/m; Power Drift = -0.05 dB

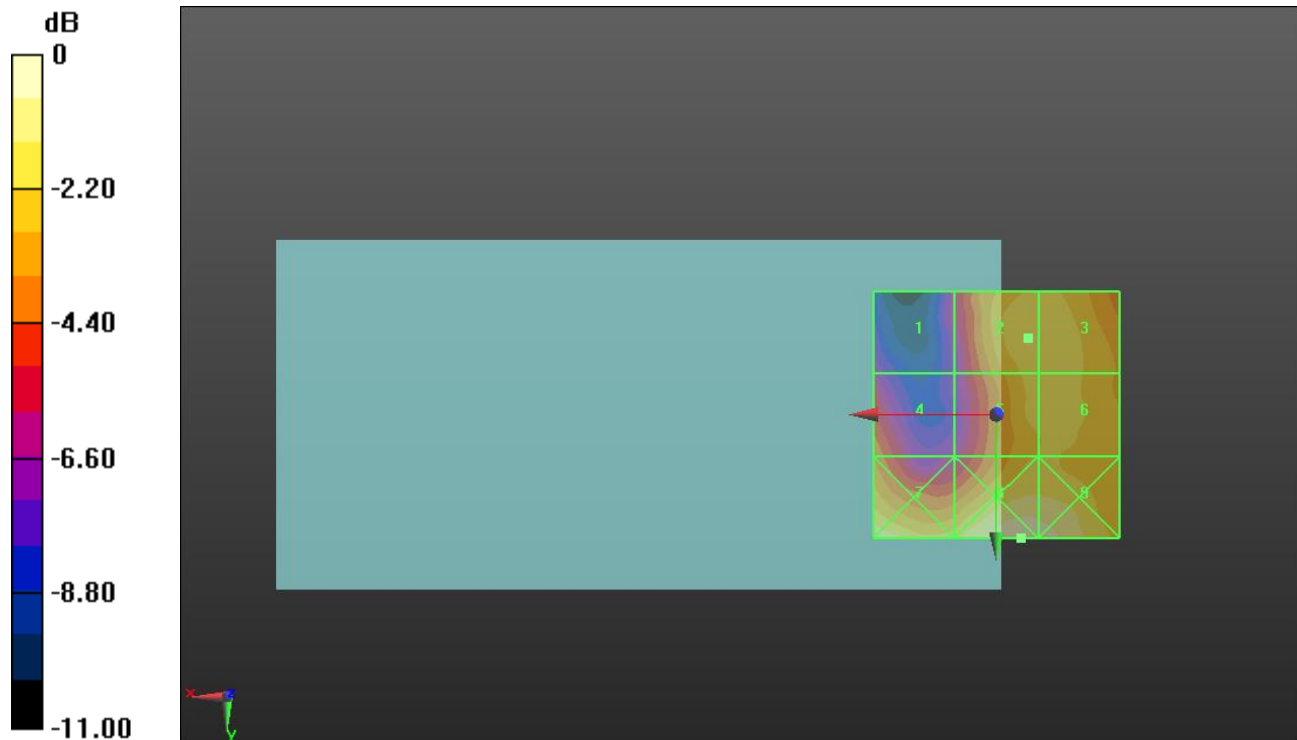
Applied MIF = -1.44 dB

RF audio interference level = 18.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.31 dBV/m	Grid 2 M4 18.93 dBV/m	Grid 3 M4 18.88 dBV/m
Grid 4 M4 16.71 dBV/m	Grid 5 M4 18.52 dBV/m	Grid 6 M4 18.58 dBV/m
Grid 7 M4 19.76 dBV/m	Grid 8 M4 20.36 dBV/m	Grid 9 M4 20.09 dBV/m



0 dB = 10.42 V/m = 20.36 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.20 V/m; Power Drift = -0.15 dB

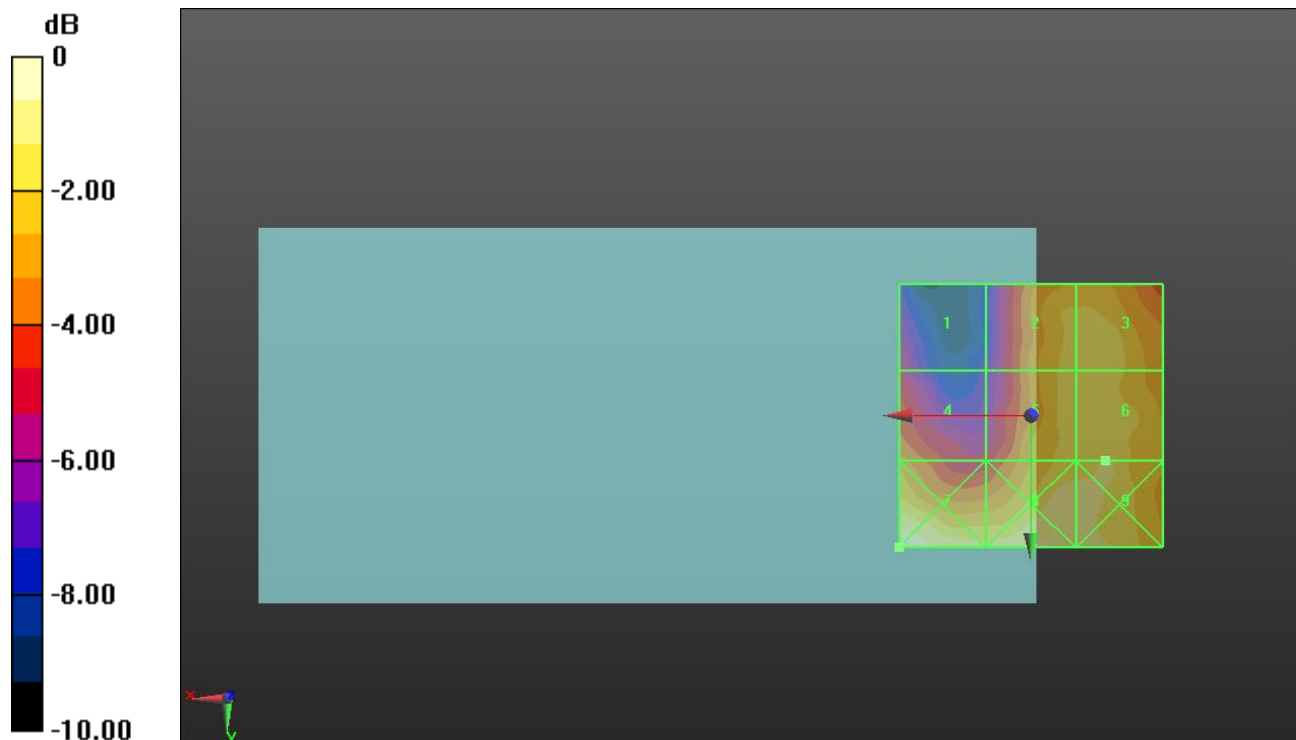
Applied MIF = -1.44 dB

RF audio interference level = 18.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.18 dBV/m	Grid 2 M4 18.53 dBV/m	Grid 3 M4 18.69 dBV/m
Grid 4 M4 17.19 dBV/m	Grid 5 M4 18.57 dBV/m	Grid 6 M4 18.83 dBV/m
Grid 7 M4 20.13 dBV/m	Grid 8 M4 19.64 dBV/m	Grid 9 M4 19.33 dBV/m



0 dB = 10.15 V/m = 20.13 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.902 V/m; Power Drift = -0.01 dB

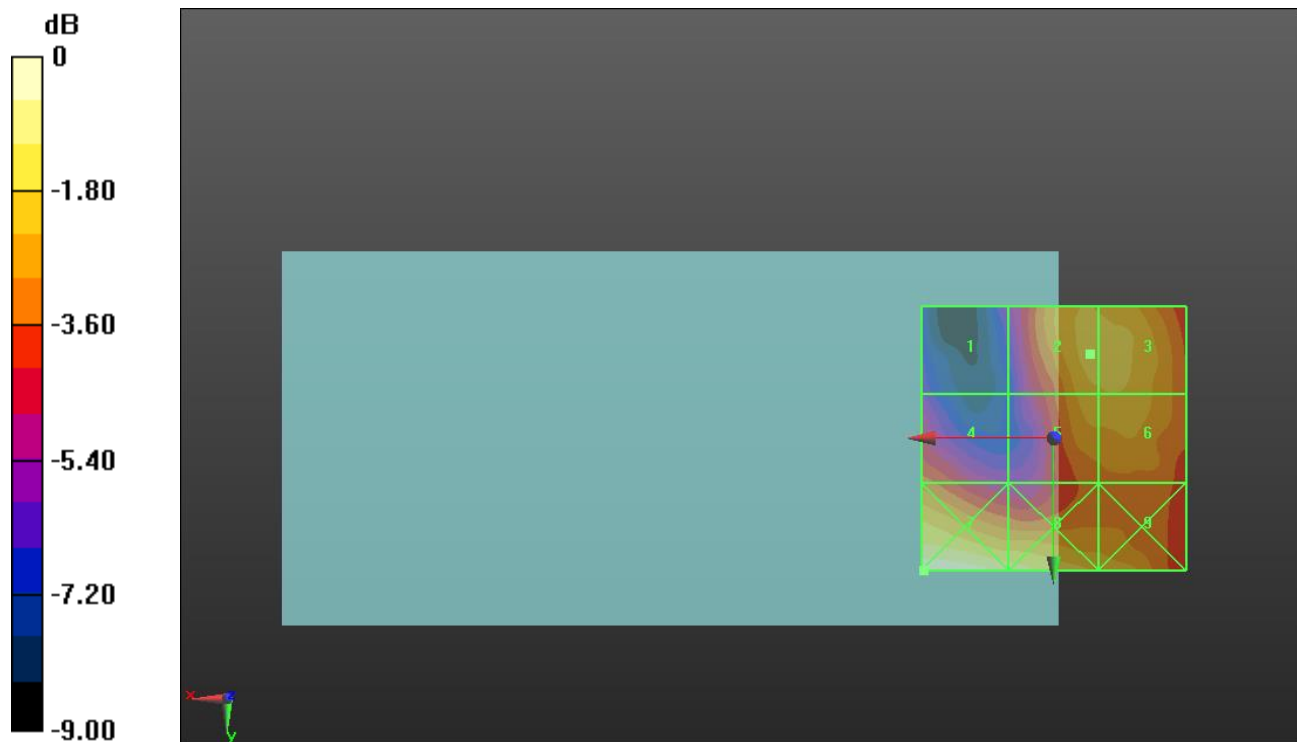
Applied MIF = -1.44 dB

RF audio interference level = 18.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.69 dBV/m	Grid 2 M4 18.65 dBV/m	Grid 3 M4 18.62 dBV/m
Grid 4 M4 17 dBV/m	Grid 5 M4 18.36 dBV/m	Grid 6 M4 18.43 dBV/m
Grid 7 M4 20.23 dBV/m	Grid 8 M4 19.44 dBV/m	Grid 9 M4 18.28 dBV/m



0 dB = 10.27 V/m = 20.23 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.26 V/m; Power Drift = 0.08 dB

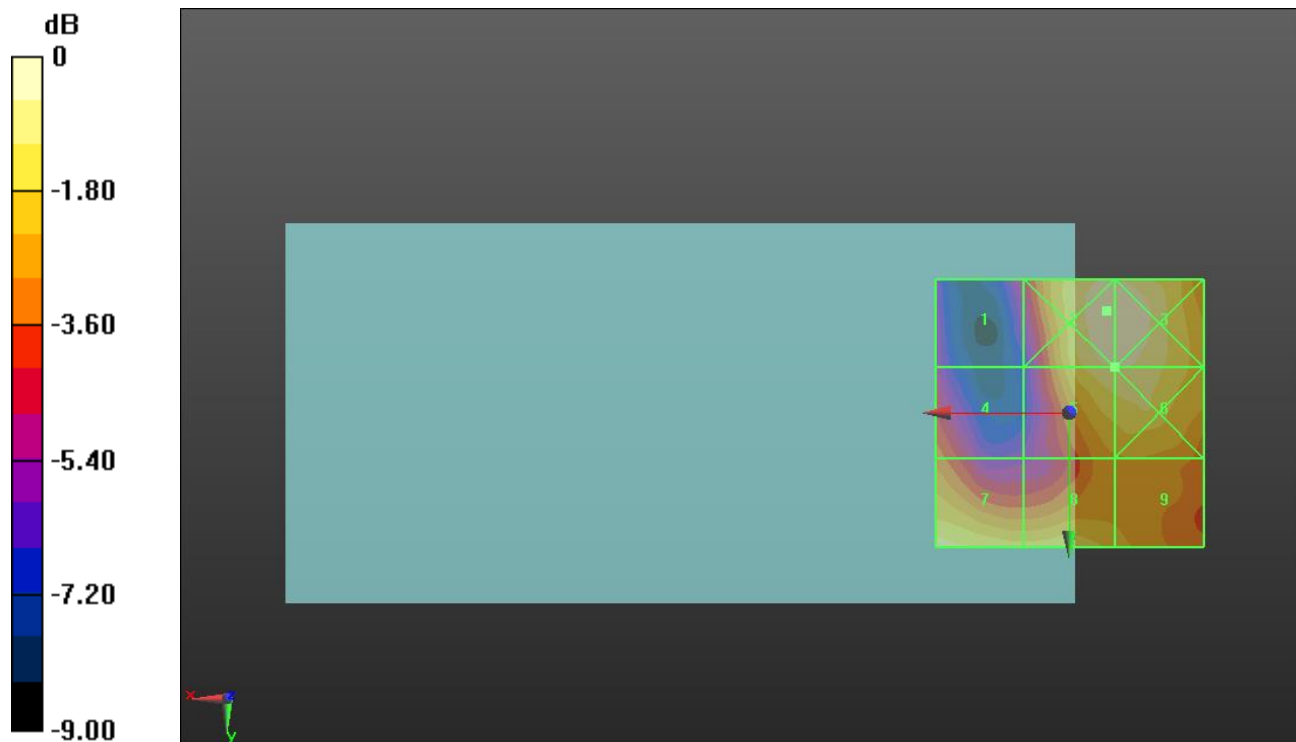
Applied MIF = -1.44 dB

RF audio interference level = 19.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.85 dBV/m	Grid 2 M4 20.5 dBV/m	Grid 3 M4 20.48 dBV/m
Grid 4 M4 17.32 dBV/m	Grid 5 M4 19.89 dBV/m	Grid 6 M4 19.92 dBV/m
Grid 7 M4 19.69 dBV/m	Grid 8 M4 19.33 dBV/m	Grid 9 M4 18.44 dBV/m



0 dB = 10.59 V/m = 20.50 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 = 9.659 V/m; Power Drift = -0.15 dB

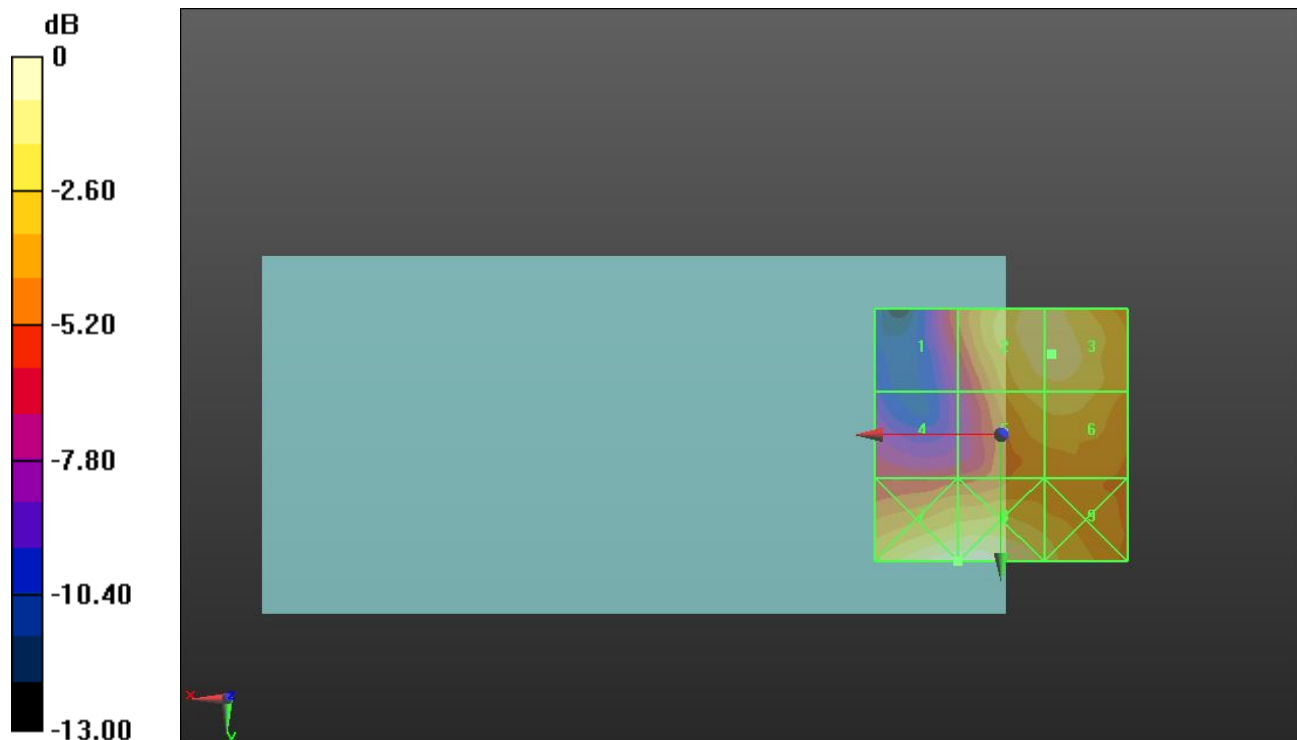
Applied MIF = -1.44 dB

RF audio interference level = 20.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.45 dBV/m	Grid 2 M4 20.09 dBV/m	Grid 3 M4 20.15 dBV/m
Grid 4 M4 15.76 dBV/m	Grid 5 M4 19.39 dBV/m	Grid 6 M4 19.48 dBV/m
Grid 7 M4 21.45 dBV/m	Grid 8 M4 21.45 dBV/m	Grid 9 M4 19.35 dBV/m



0 dB = 11.82 V/m = 21.45 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 = 11.41 V/m; Power Drift = 0.15 dB

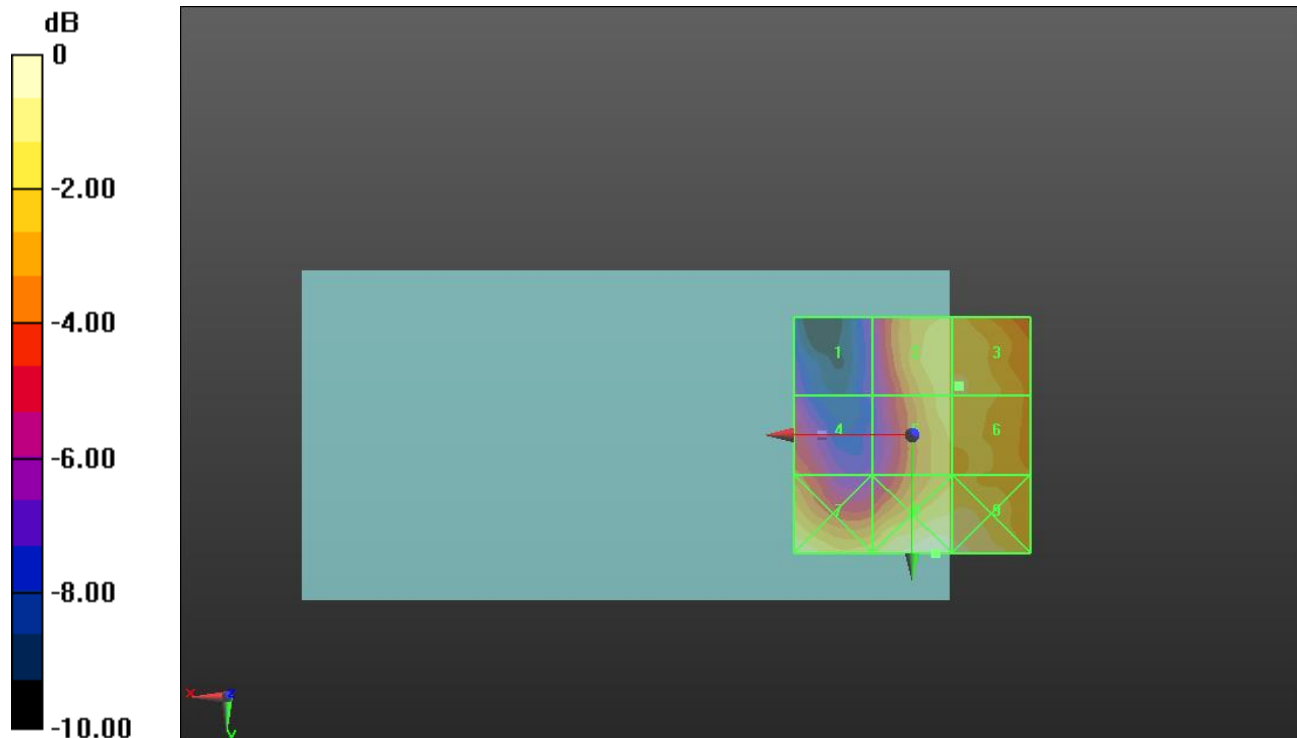
Applied MIF = -1.44 dB

RF audio interference level = 20.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.7 dBV/m	Grid 2 M4 20.53 dBV/m	Grid 3 M4 20.64 dBV/m
Grid 4 M4 18.18 dBV/m	Grid 5 M4 20.41 dBV/m	Grid 6 M4 20.52 dBV/m
Grid 7 M4 21.25 dBV/m	Grid 8 M4 21.82 dBV/m	Grid 9 M4 21.62 dBV/m



0 dB = 12.32 V/m = 21.81 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 = 12.91 V/m; Power Drift = -0.07 dB

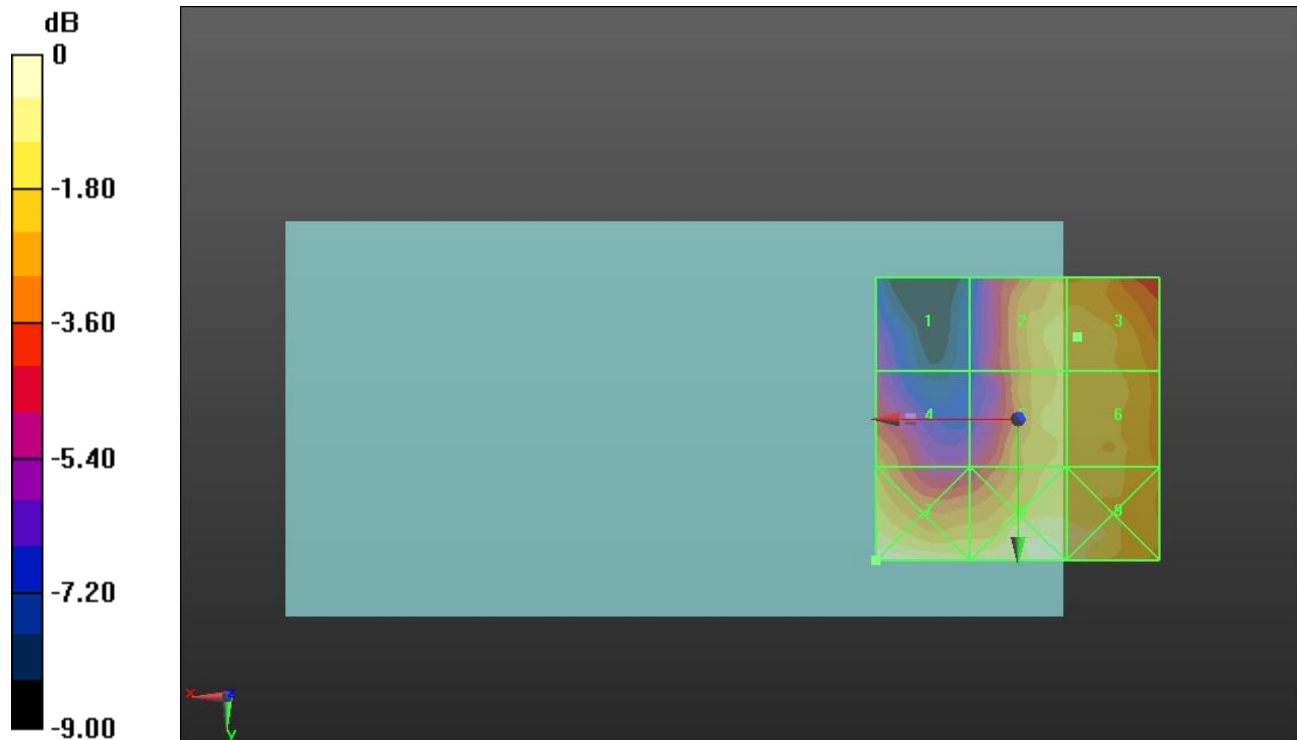
Applied MIF = -1.44 dB

RF audio interference level = 20.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.6 dBV/m	Grid 2 M4 20.47 dBV/m	Grid 3 M4 20.58 dBV/m
Grid 4 M4 19.24 dBV/m	Grid 5 M4 20.38 dBV/m	Grid 6 M4 20.5 dBV/m
Grid 7 M4 21.77 dBV/m	Grid 8 M4 21.51 dBV/m	Grid 9 M4 21.04 dBV/m



0 dB = 12.27 V/m = 21.78 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 = 10.82 V/m; Power Drift = -0.13 dB

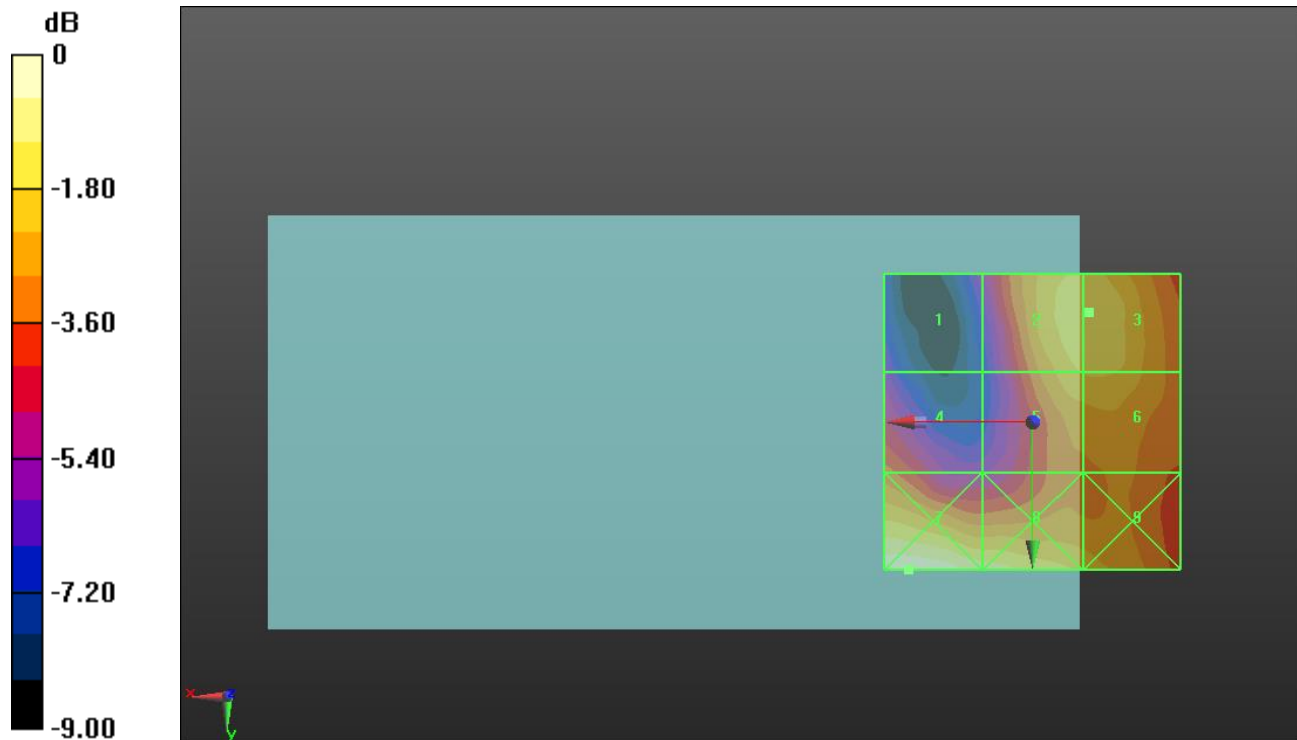
Applied MIF = -1.44 dB

RF audio interference level = 20.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.3 dBV/m	Grid 2 M4 20.52 dBV/m	Grid 3 M4 20.54 dBV/m
Grid 4 M4 18.5 dBV/m	Grid 5 M4 20.08 dBV/m	Grid 6 M4 20.18 dBV/m
Grid 7 M4 21.83 dBV/m	Grid 8 M4 21.06 dBV/m	Grid 9 M4 19.78 dBV/m



0 dB = 12.34 V/m = 21.83 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.28 V/m; Power Drift = 0.18 dB

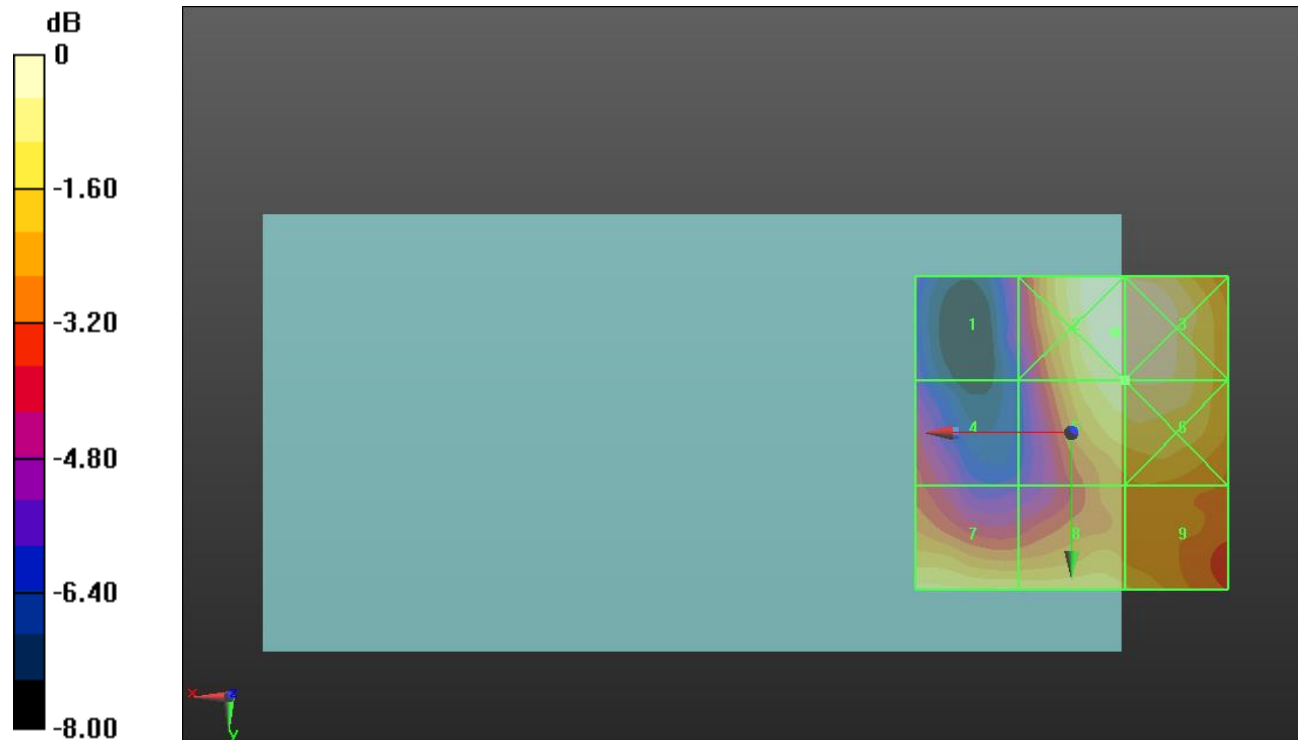
Applied MIF = -1.44 dB

RF audio interference level = 21.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.59 dBV/m	Grid 2 M4 22.04 dBV/m	Grid 3 M4 22.04 dBV/m
Grid 4 M4 18.59 dBV/m	Grid 5 M4 21.49 dBV/m	Grid 6 M4 21.62 dBV/m
Grid 7 M4 21.14 dBV/m	Grid 8 M4 21.04 dBV/m	Grid 9 M4 20.6 dBV/m



0 dB = 12.65 V/m = 22.04 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.67 V/m; Power Drift = -0.14 dB

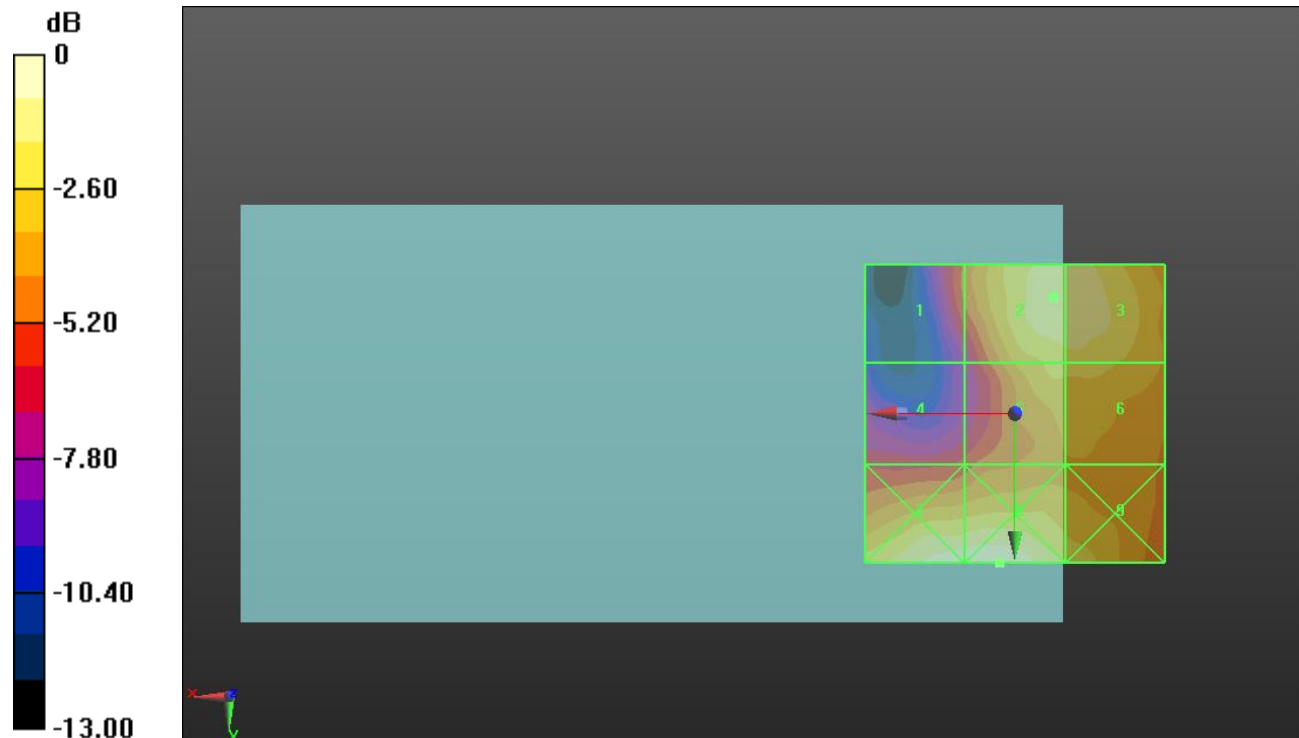
Applied MIF = -1.44 dB

RF audio interference level = 21.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.19 dBV/m	Grid 2 M4 21.97 dBV/m	Grid 3 M4 21.91 dBV/m
Grid 4 M4 17.36 dBV/m	Grid 5 M4 20.91 dBV/m	Grid 6 M4 20.98 dBV/m
Grid 7 M4 22.9 dBV/m	Grid 8 M4 23.04 dBV/m	Grid 9 M4 21.37 dBV/m



0 dB = 14.19 V/m = 23.04 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.669 V/m; Power Drift = 0.15 dB

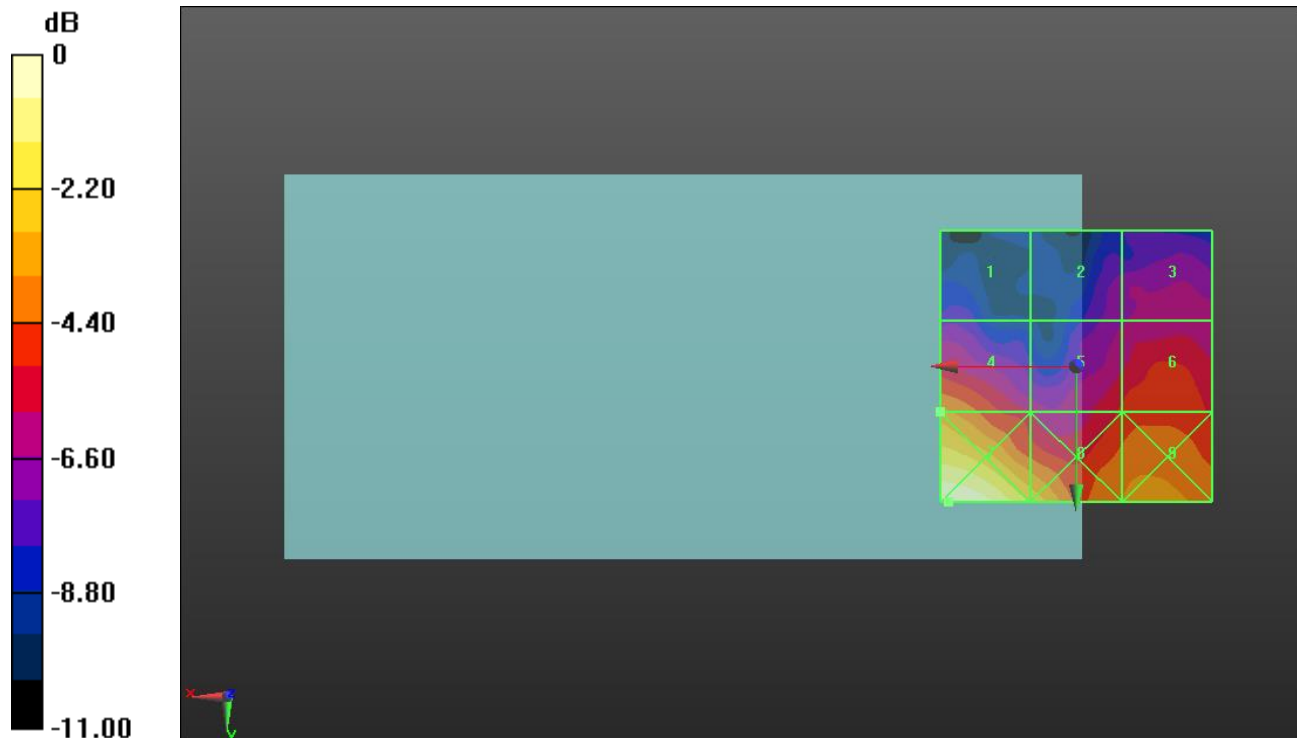
Applied MIF = -1.44 dB

RF audio interference level = 15.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.8 dBV/m	Grid 2 M4 12.62 dBV/m	Grid 3 M4 13.09 dBV/m
Grid 4 M4 15.86 dBV/m	Grid 5 M4 14.34 dBV/m	Grid 6 M4 14.67 dBV/m
Grid 7 M4 19.27 dBV/m	Grid 8 M4 17 dBV/m	Grid 9 M4 15.97 dBV/m



0 dB = 9.190 V/m = 19.27 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 = 117.9 V/m; Power Drift = -0.06 dB

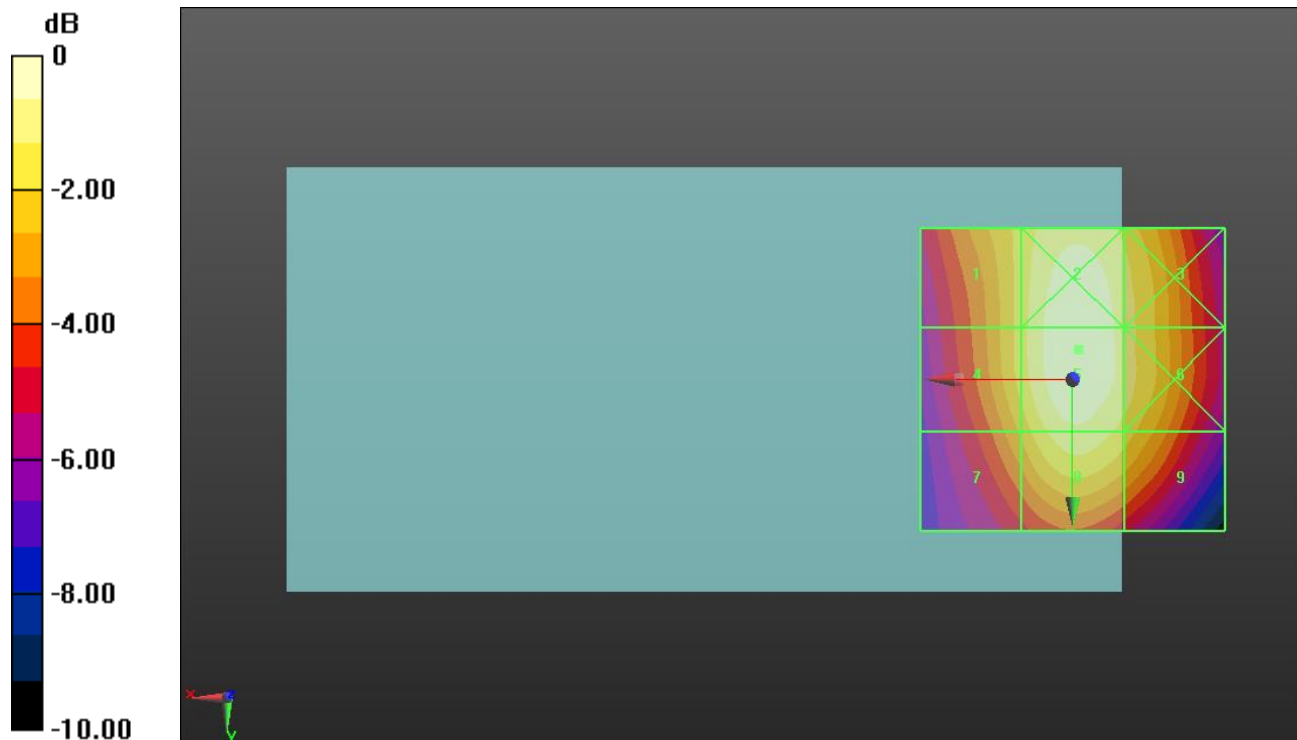
Applied MIF = 3.63 dB

RF audio interference level = 39.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 38.3 dBV/m	Grid 2 M4 39.92 dBV/m	Grid 3 M4 38.98 dBV/m
Grid 4 M4 38.32 dBV/m	Grid 5 M4 39.95 dBV/m	Grid 6 M4 39.01 dBV/m
Grid 7 M4 37.45 dBV/m	Grid 8 M4 39.17 dBV/m	Grid 9 M4 38.33 dBV/m



0 dB = 99.43 V/m = 39.95 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 = 126.8 V/m; Power Drift = -0.01 dB

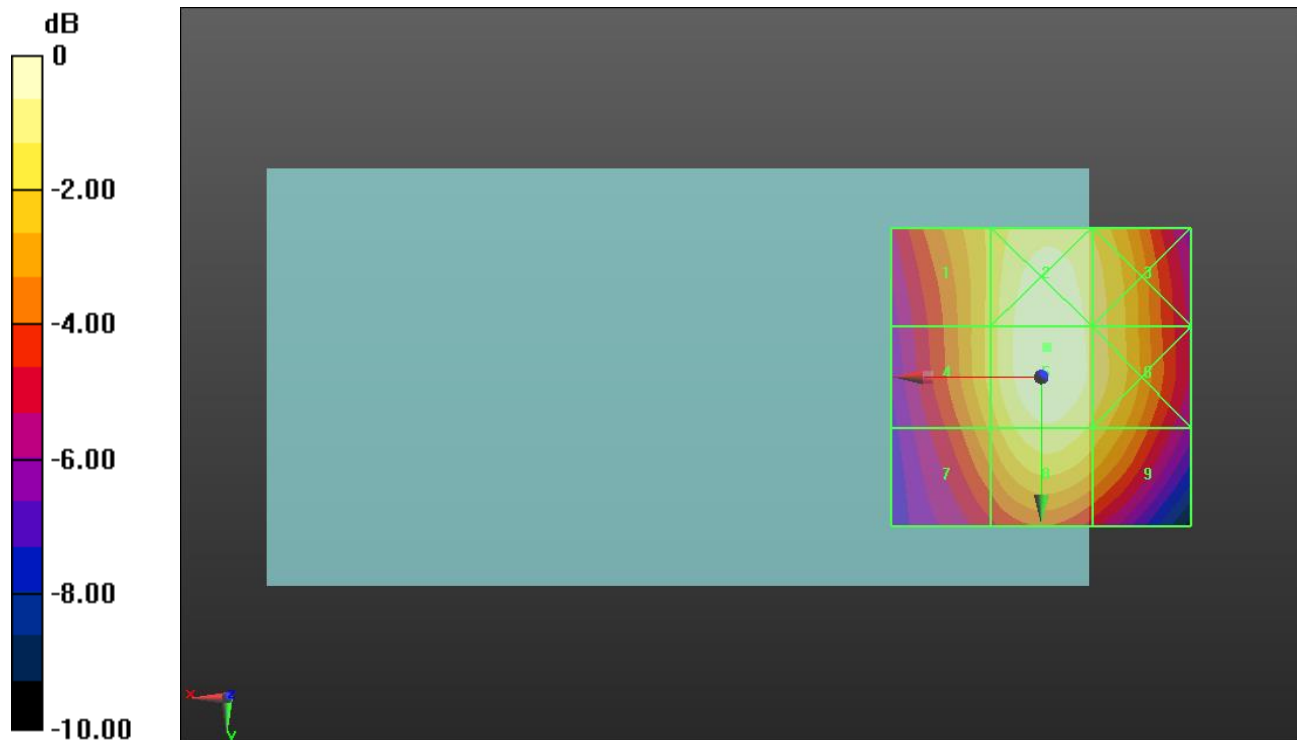
Applied MIF = 3.63 dB

RF audio interference level = 40.58 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.86 dBV/m	Grid 2 M3 40.53 dBV/m	Grid 3 M4 39.72 dBV/m
Grid 4 M4 38.89 dBV/m	Grid 5 M3 40.58 dBV/m	Grid 6 M4 39.79 dBV/m
Grid 7 M4 38.1 dBV/m	Grid 8 M4 39.83 dBV/m	Grid 9 M4 39.09 dBV/m



0 dB = 106.9 V/m = 40.58 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 = 128.8 V/m; Power Drift = -0.01 dB

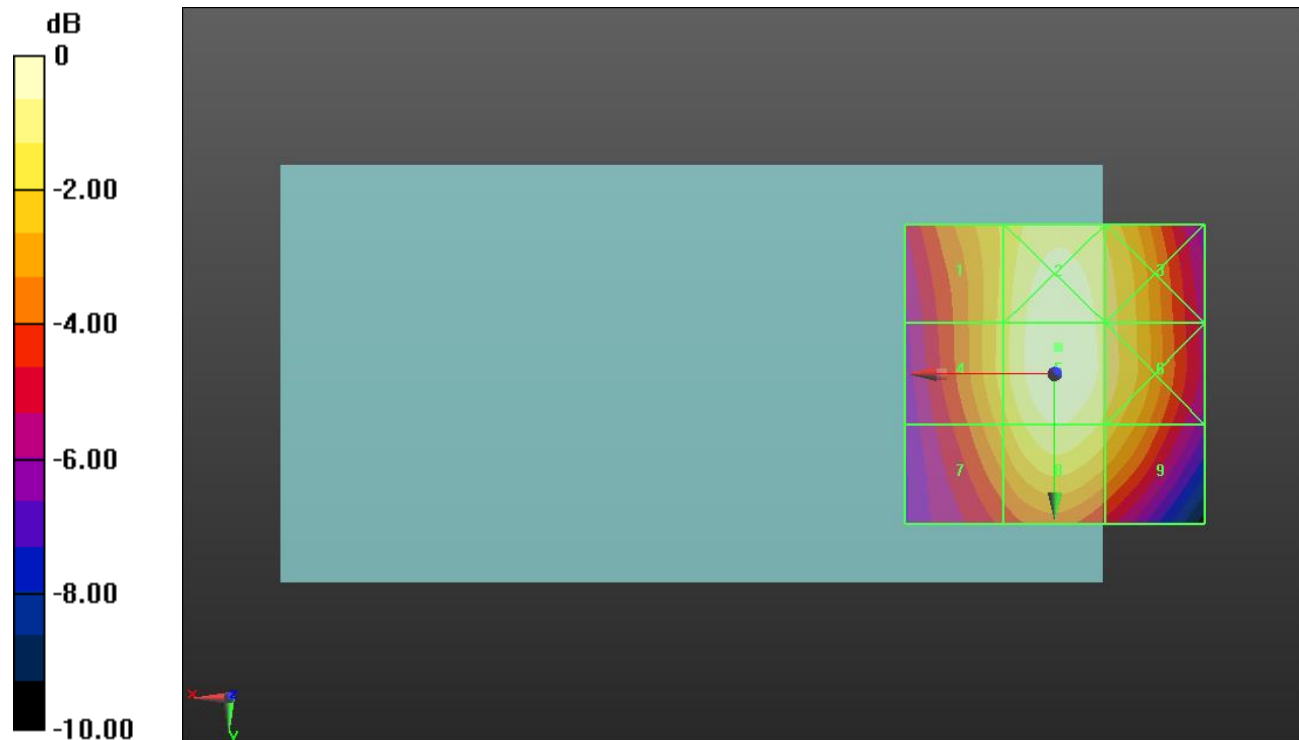
Applied MIF = 3.63 dB

RF audio interference level = 40.74 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 39.1 dBV/m	Grid 2 M3 40.69 dBV/m	Grid 3 M4 39.8 dBV/m
Grid 4 M4 39.16 dBV/m	Grid 5 M3 40.74 dBV/m	Grid 6 M4 39.87 dBV/m
Grid 7 M4 38.46 dBV/m	Grid 8 M3 40.09 dBV/m	Grid 9 M4 39.19 dBV/m



0 dB = 108.9 V/m = 40.74 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 = 6.866 V/m; Power Drift = -0.05 dB

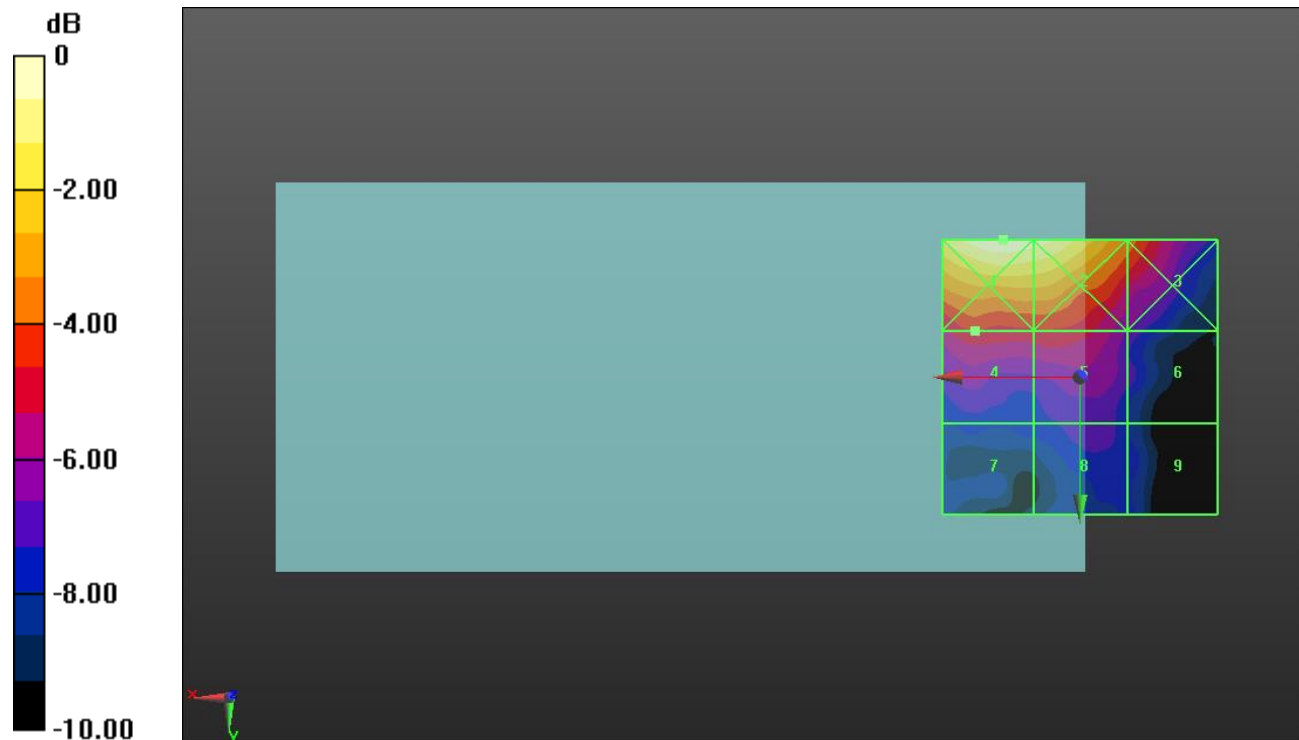
Applied MIF = 3.63 dB

RF audio interference level = 20.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.73 dBV/m	Grid 2 M4 24.44 dBV/m	Grid 3 M4 21.25 dBV/m
Grid 4 M4 20.11 dBV/m	Grid 5 M4 20.05 dBV/m	Grid 6 M4 18.14 dBV/m
Grid 7 M4 17.08 dBV/m	Grid 8 M4 17.83 dBV/m	Grid 9 M4 17.24 dBV/m



0 dB = 17.24 V/m = 24.73 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 = 6.448 V/m; Power Drift = -0.23 dB

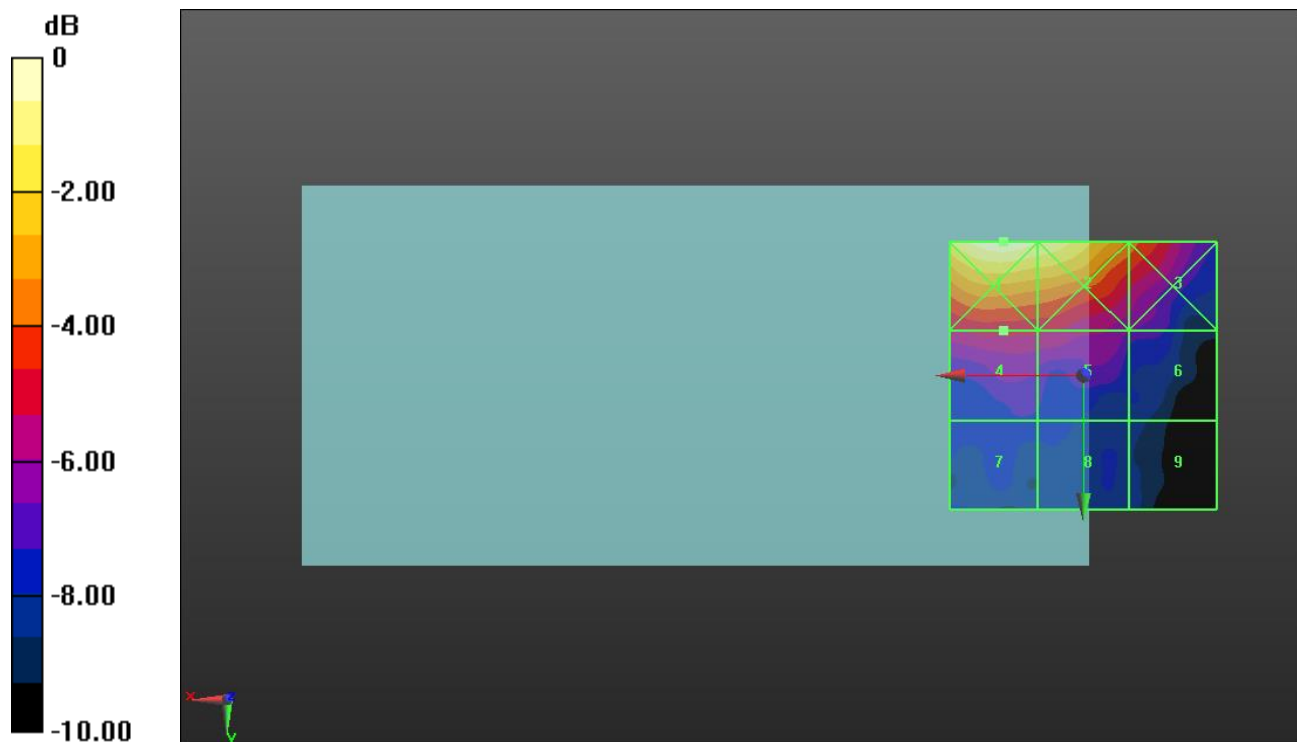
Applied MIF = 3.63 dB

RF audio interference level = 19.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.72 dBV/m	Grid 2 M4 24.15 dBV/m	Grid 3 M4 21.19 dBV/m
Grid 4 M4 19.68 dBV/m	Grid 5 M4 19.57 dBV/m	Grid 6 M4 18.19 dBV/m
Grid 7 M4 17.36 dBV/m	Grid 8 M4 17.28 dBV/m	Grid 9 M4 16.47 dBV/m



0 dB = 17.22 V/m = 24.72 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 = 5.433 V/m; Power Drift = -0.11 dB

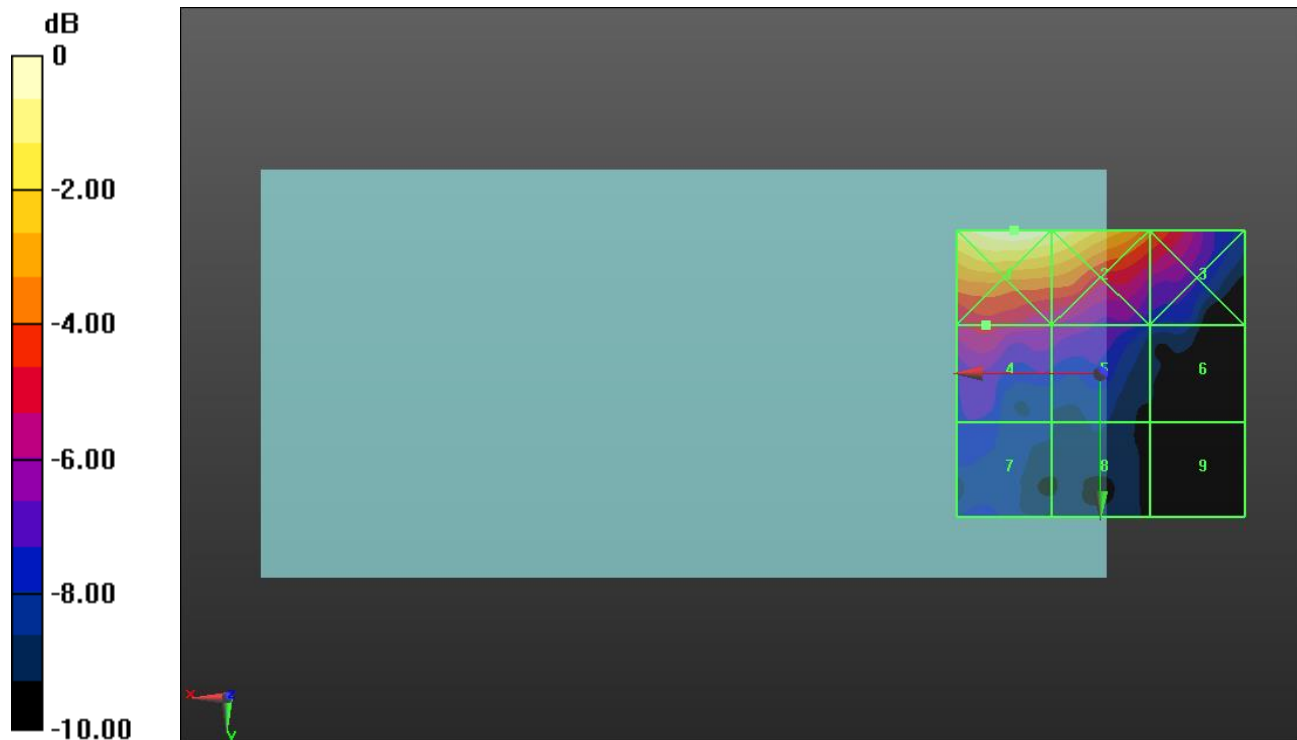
Applied MIF = 3.63 dB

RF audio interference level = 19.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.17 dBV/m	Grid 2 M4 23.63 dBV/m	Grid 3 M4 20.48 dBV/m
Grid 4 M4 19.15 dBV/m	Grid 5 M4 18.22 dBV/m	Grid 6 M4 16.31 dBV/m
Grid 7 M4 16.82 dBV/m	Grid 8 M4 15.62 dBV/m	Grid 9 M4 14.63 dBV/m



0 dB = 16.16 V/m = 24.17 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 = 47.56 V/m; Power Drift = -0.11 dB

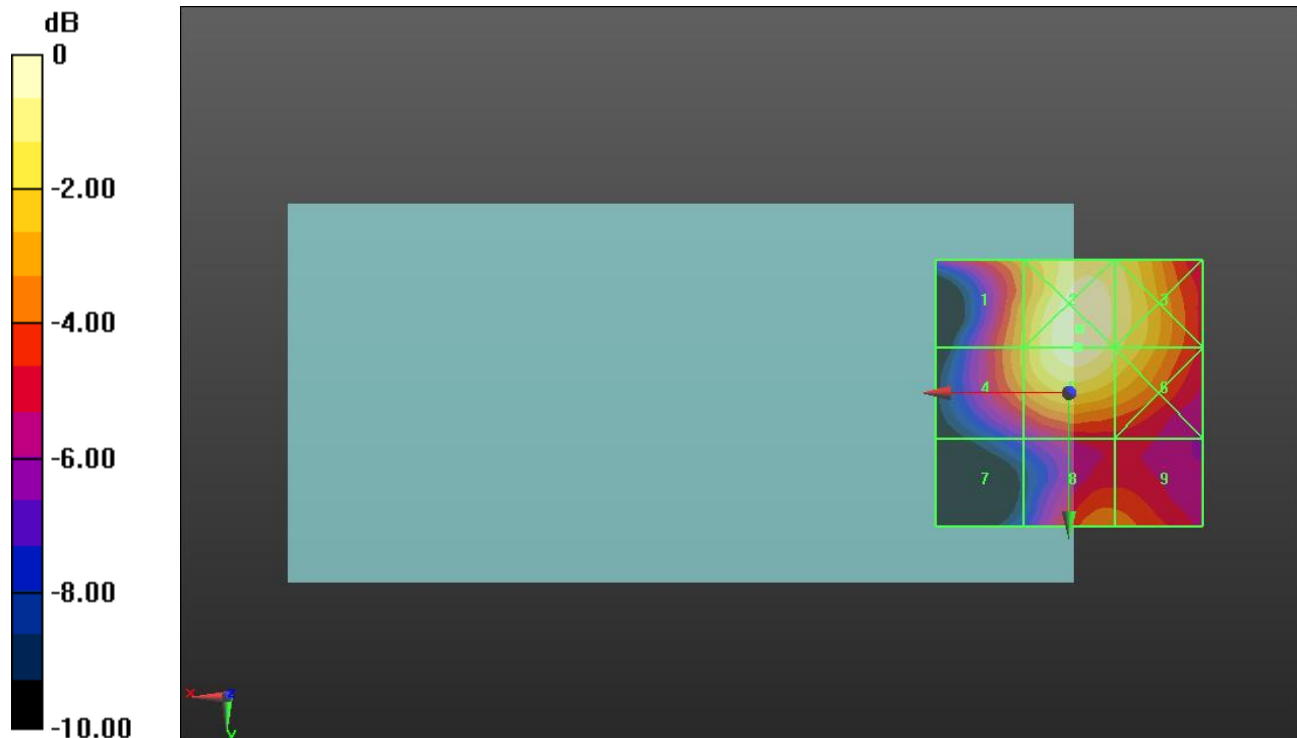
Applied MIF = -1.44 dB

RF audio interference level = 29.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.12 dBV/m	Grid 2 M4 29.51 dBV/m	Grid 3 M4 28.76 dBV/m
Grid 4 M4 27.15 dBV/m	Grid 5 M4 29.35 dBV/m	Grid 6 M4 28.47 dBV/m
Grid 7 M4 22.8 dBV/m	Grid 8 M4 26.11 dBV/m	Grid 9 M4 25.97 dBV/m



0 dB = 29.90 V/m = 29.51 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_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 = 57.71 V/m; Power Drift = 0.07 dB

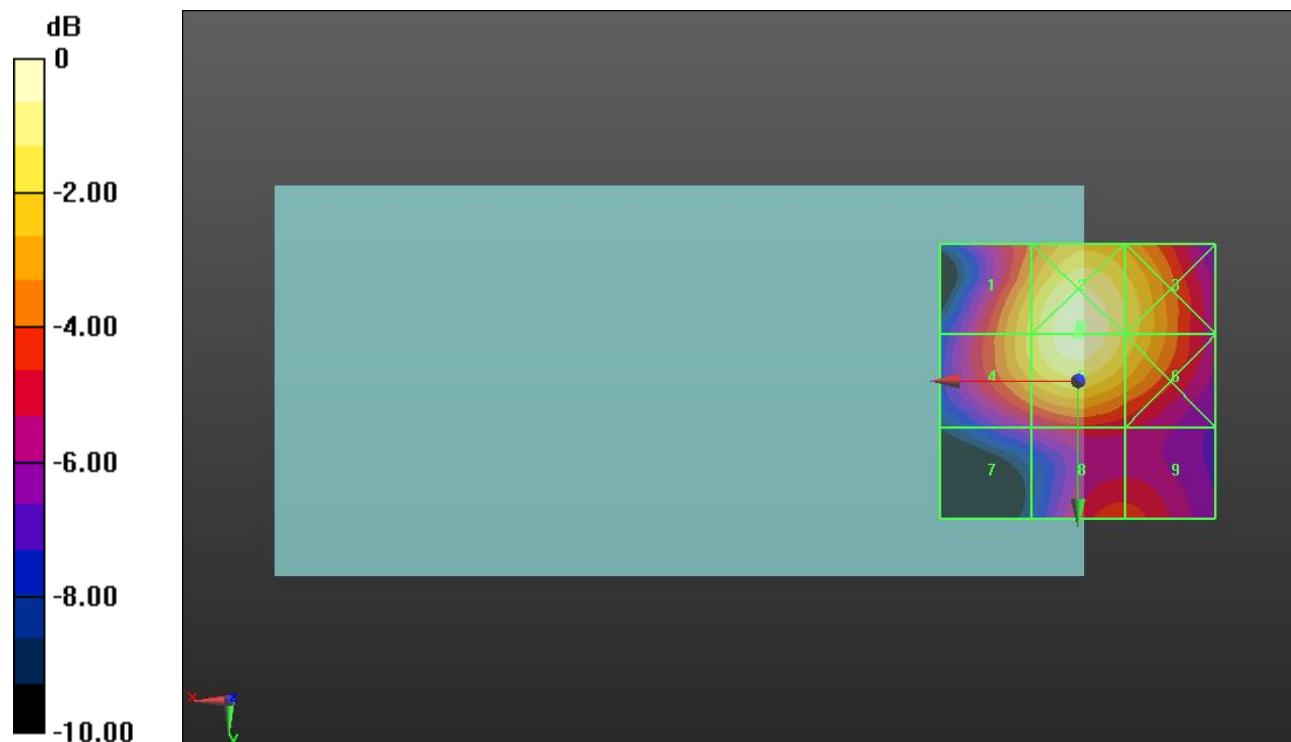
Applied MIF = -1.44 dB

RF audio interference level = 30.92 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.3 dBV/m	Grid 2 M3 30.98 dBV/m	Grid 3 M4 29.66 dBV/m
Grid 4 M4 29.31 dBV/m	Grid 5 M3 30.92 dBV/m	Grid 6 M4 29.56 dBV/m
Grid 7 M4 25.07 dBV/m	Grid 8 M4 26.71 dBV/m	Grid 9 M4 26.68 dBV/m



0 dB = 35.40 V/m = 30.98 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 = 62.58 V/m; Power Drift = -0.10 dB

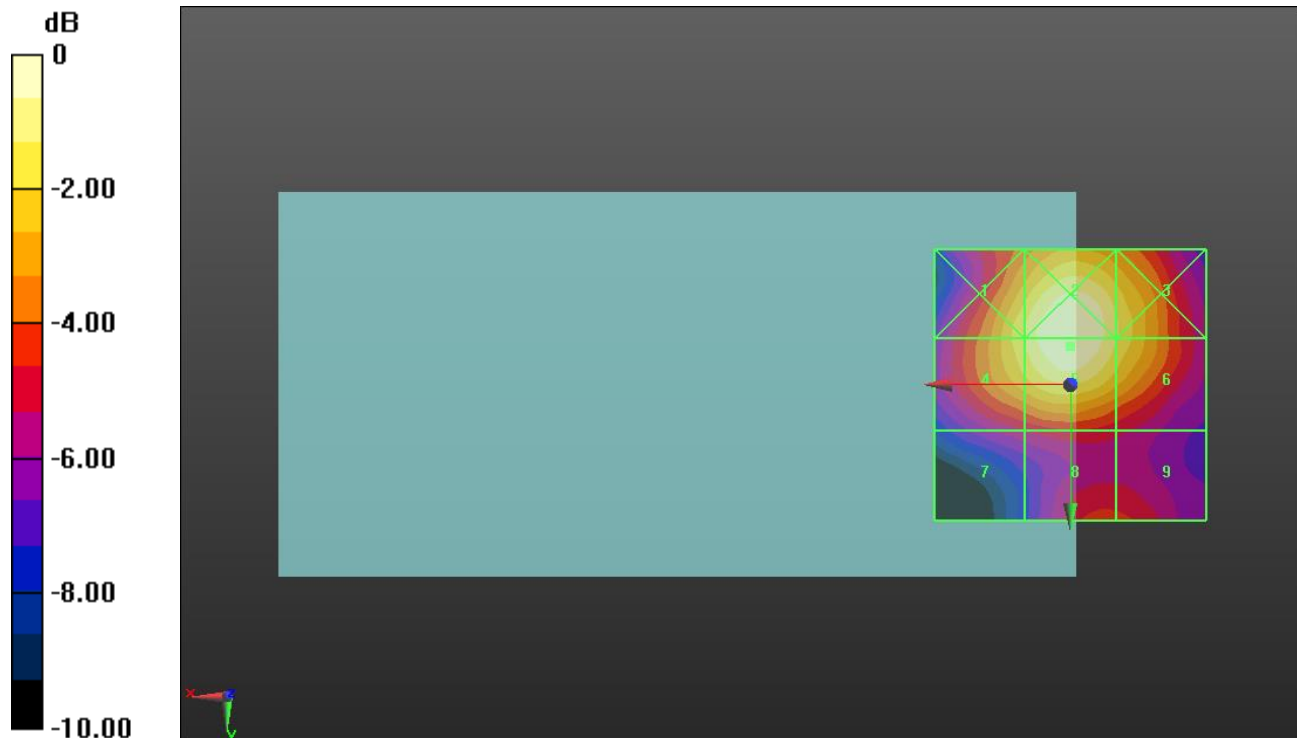
Applied MIF = -1.44 dB

RF audio interference level = 31.59 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.3 dBV/m	Grid 2 M3 31.57 dBV/m	Grid 3 M3 30.35 dBV/m
Grid 4 M3 30.29 dBV/m	Grid 5 M3 31.59 dBV/m	Grid 6 M3 30.29 dBV/m
Grid 7 M4 26.28 dBV/m	Grid 8 M4 27.25 dBV/m	Grid 9 M4 27.17 dBV/m



0 dB = 37.98 V/m = 31.59 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 = 64.26 V/m; Power Drift = 0.04 dB

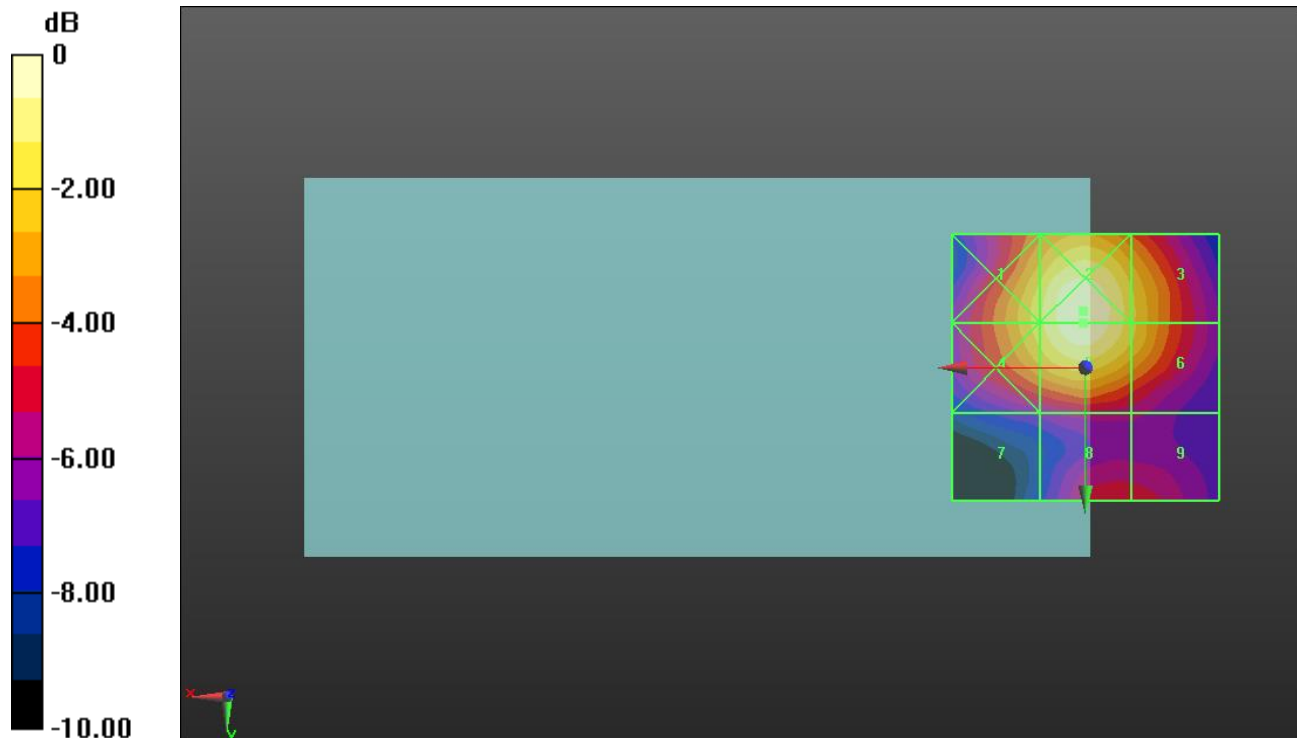
Applied MIF = -1.44 dB

RF audio interference level = 32.04 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.63 dBV/m	Grid 2 M3 32.11 dBV/m	Grid 3 M3 30.37 dBV/m
Grid 4 M3 30.61 dBV/m	Grid 5 M3 32.04 dBV/m	Grid 6 M3 30.37 dBV/m
Grid 7 M4 25.76 dBV/m	Grid 8 M4 27.49 dBV/m	Grid 9 M4 27.42 dBV/m



0 dB = 40.31 V/m = 32.11 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 = 64.90 V/m; Power Drift = -0.08 dB

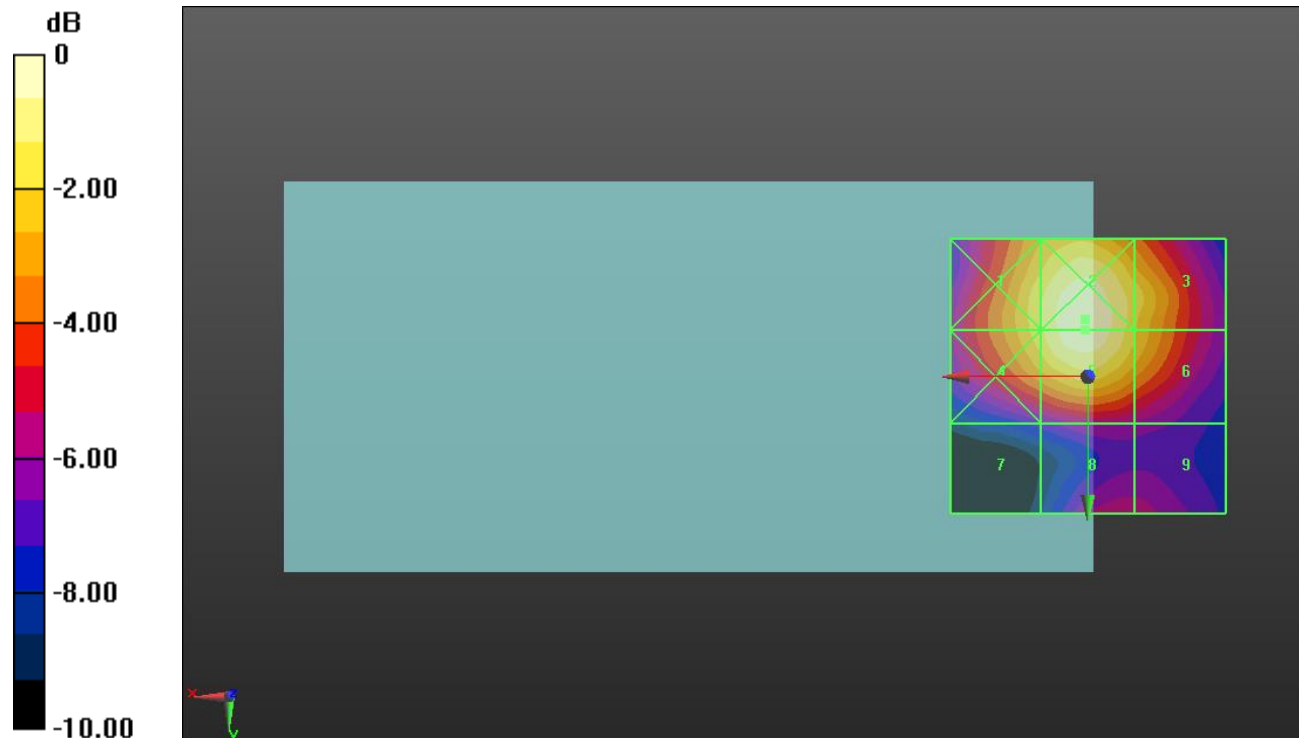
Applied MIF = -1.44 dB

RF audio interference level = 32.21 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.98 dBV/m	Grid 2 M3 32.31 dBV/m	Grid 3 M3 30.71 dBV/m
Grid 4 M3 30.87 dBV/m	Grid 5 M3 32.21 dBV/m	Grid 6 M3 30.41 dBV/m
Grid 7 M4 25.45 dBV/m	Grid 8 M4 26.78 dBV/m	Grid 9 M4 26.72 dBV/m



0 dB = 41.25 V/m = 32.31 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 = 55.09 V/m; Power Drift = 0.08 dB

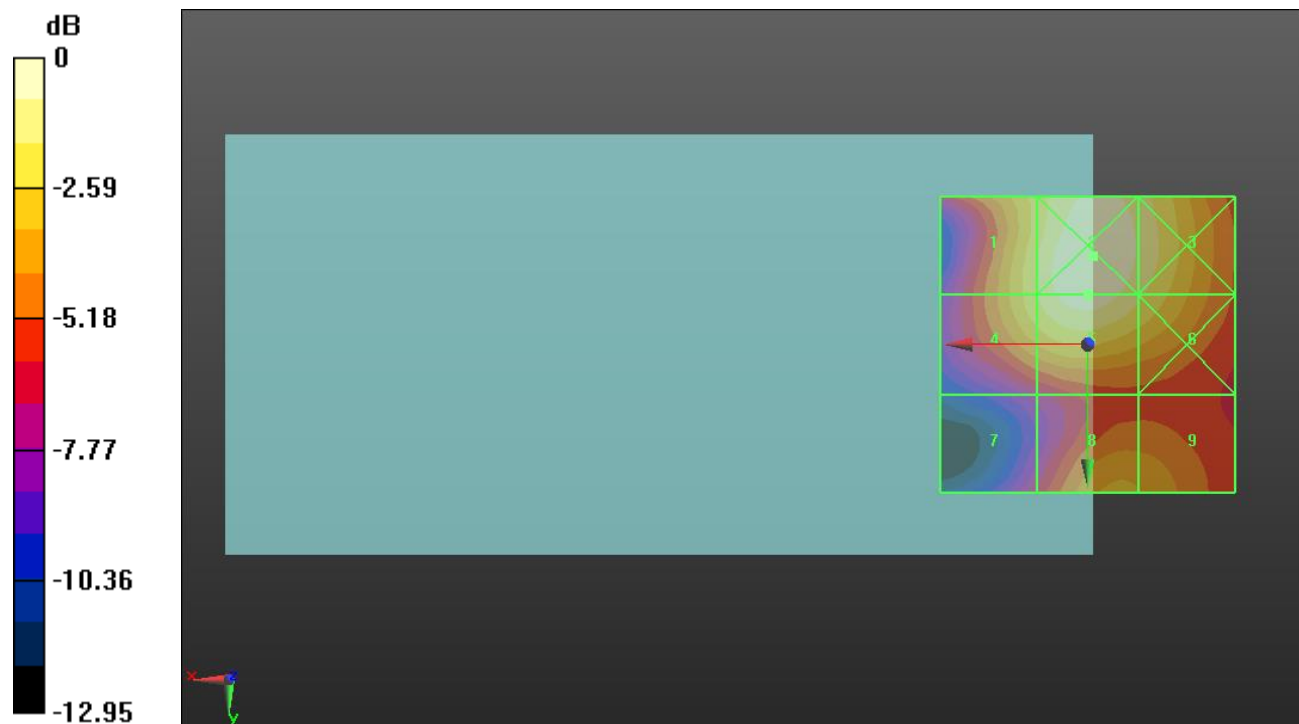
Applied MIF = -1.44 dB

RF audio interference level = 31.55 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.31 dBV/m	Grid 2 M3 31.91 dBV/m	Grid 3 M3 30.98 dBV/m
Grid 4 M3 30.18 dBV/m	Grid 5 M3 31.55 dBV/m	Grid 6 M3 30.42 dBV/m
Grid 7 M4 25.32 dBV/m	Grid 8 M4 28.74 dBV/m	Grid 9 M4 28.54 dBV/m



0 dB = 39.41 V/m = 31.91 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 = 70.41 V/m; Power Drift = 0.11 dB

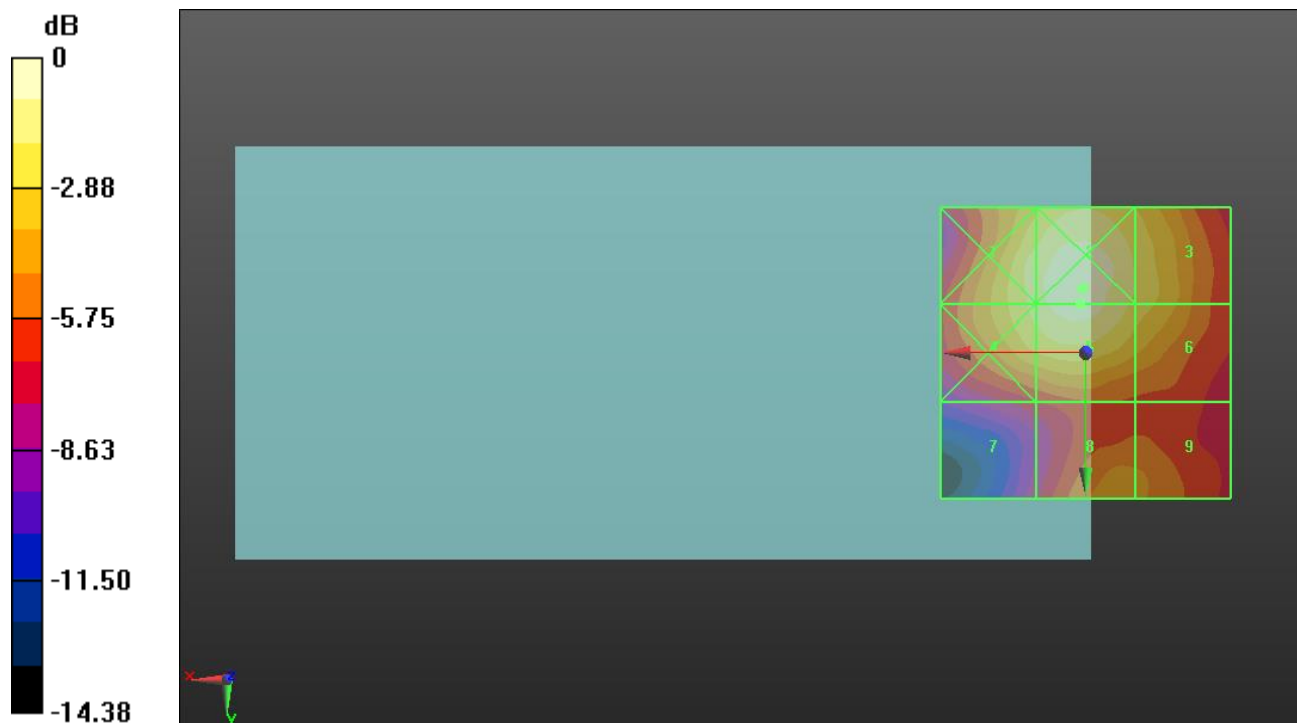
Applied MIF = -1.44 dB

RF audio interference level = 33.63 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.62 dBV/m	Grid 2 M3 33.88 dBV/m	Grid 3 M3 31.97 dBV/m
Grid 4 M3 32.4 dBV/m	Grid 5 M3 33.62 dBV/m	Grid 6 M3 31.75 dBV/m
Grid 7 M4 27.06 dBV/m	Grid 8 M4 29.48 dBV/m	Grid 9 M4 29.34 dBV/m



0 dB = 49.45 V/m = 33.88 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 = 74.17 V/m; Power Drift = 0.03 dB

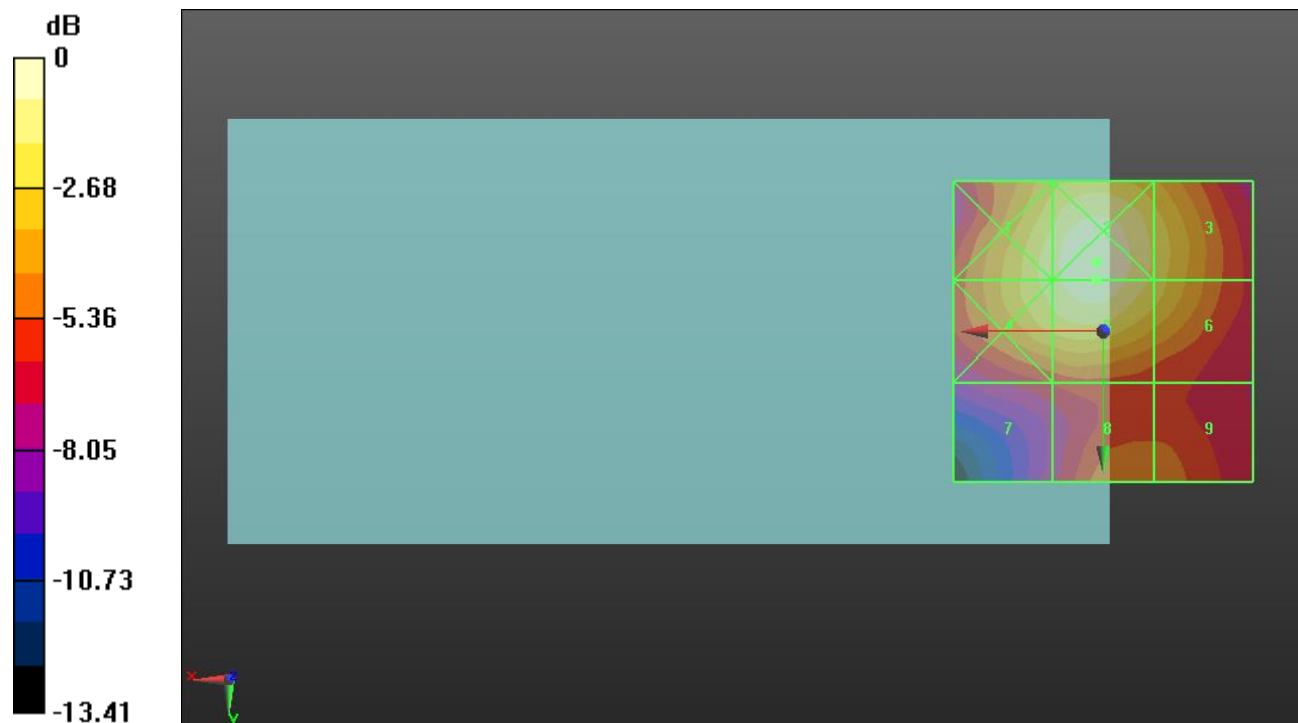
Applied MIF = -1.44 dB

RF audio interference level = 34.04 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.07 dBV/m	Grid 2 M3 34.24 dBV/m	Grid 3 M3 32.32 dBV/m
Grid 4 M3 33 dBV/m	Grid 5 M3 34.04 dBV/m	Grid 6 M3 32.13 dBV/m
Grid 7 M4 28.14 dBV/m	Grid 8 M4 29.63 dBV/m	Grid 9 M4 29.57 dBV/m



0 dB = 51.53 V/m = 34.24 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 = 76.43 V/m; Power Drift = 0.09 dB

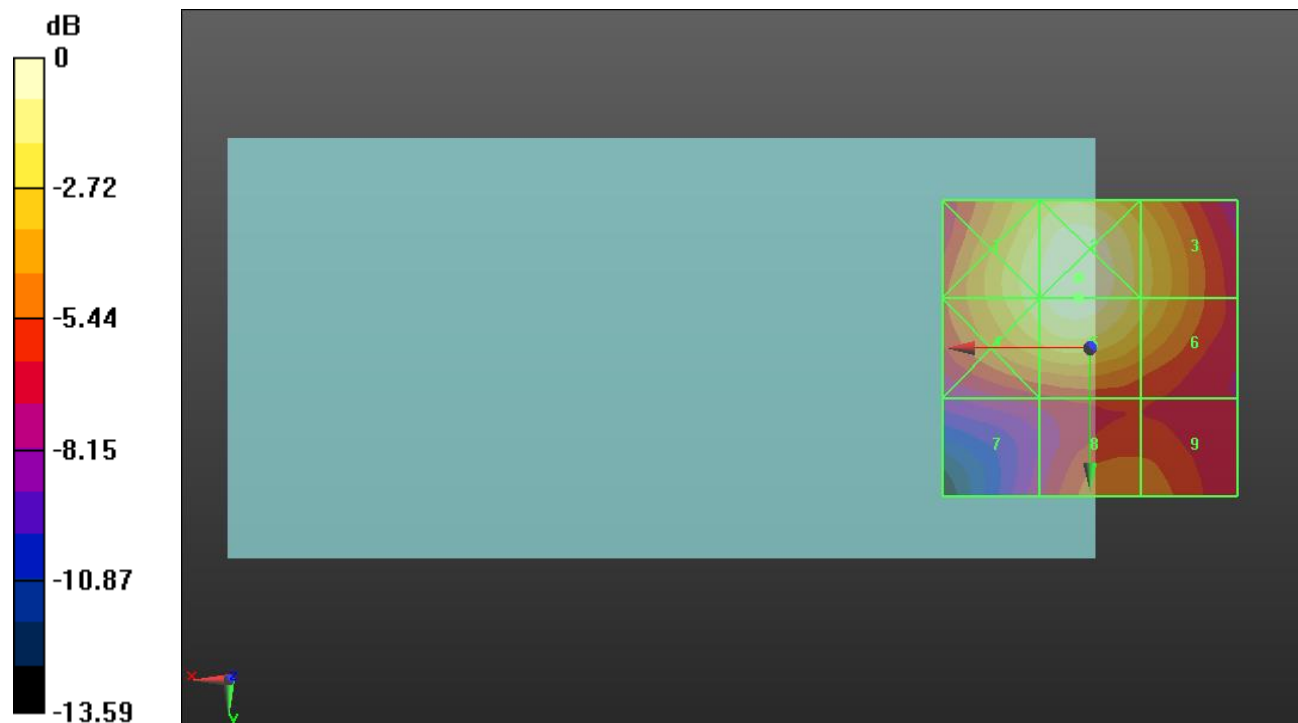
Applied MIF = -1.44 dB

RF audio interference level = 34.29 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.64 dBV/m	Grid 2 M3 34.53 dBV/m	Grid 3 M3 32.43 dBV/m
Grid 4 M3 33.45 dBV/m	Grid 5 M3 34.29 dBV/m	Grid 6 M3 32.27 dBV/m
Grid 7 M4 27.87 dBV/m	Grid 8 M4 29.94 dBV/m	Grid 9 M4 29.79 dBV/m



0 dB = 53.29 V/m = 34.53 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 = 76.66 V/m; Power Drift = -0.03 dB

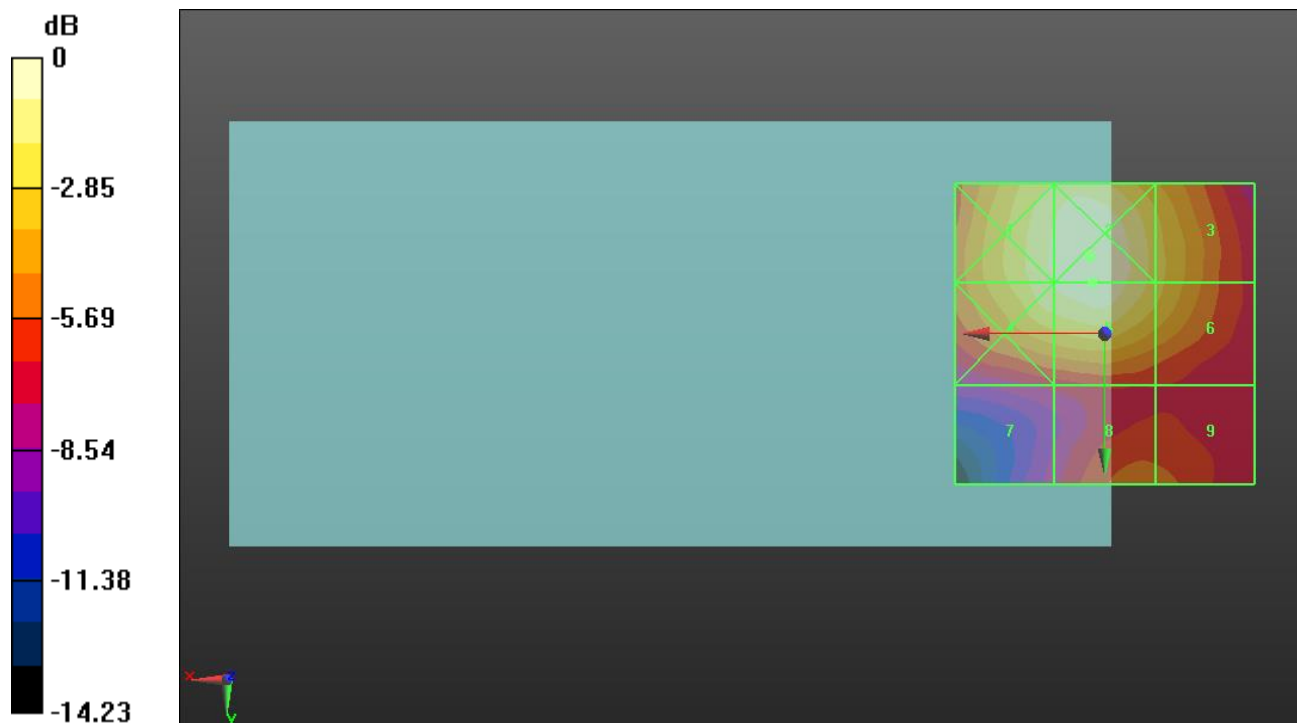
Applied MIF = -1.44 dB

RF audio interference level = 34.54 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.03 dBV/m	Grid 2 M3 34.78 dBV/m	Grid 3 M3 32.49 dBV/m
Grid 4 M3 33.83 dBV/m	Grid 5 M3 34.54 dBV/m	Grid 6 M3 32.37 dBV/m
Grid 7 M4 27.64 dBV/m	Grid 8 M4 29.48 dBV/m	Grid 9 M4 29.43 dBV/m



0 dB = 54.83 V/m = 34.78 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 = 42.56 V/m; Power Drift = -0.22 dB

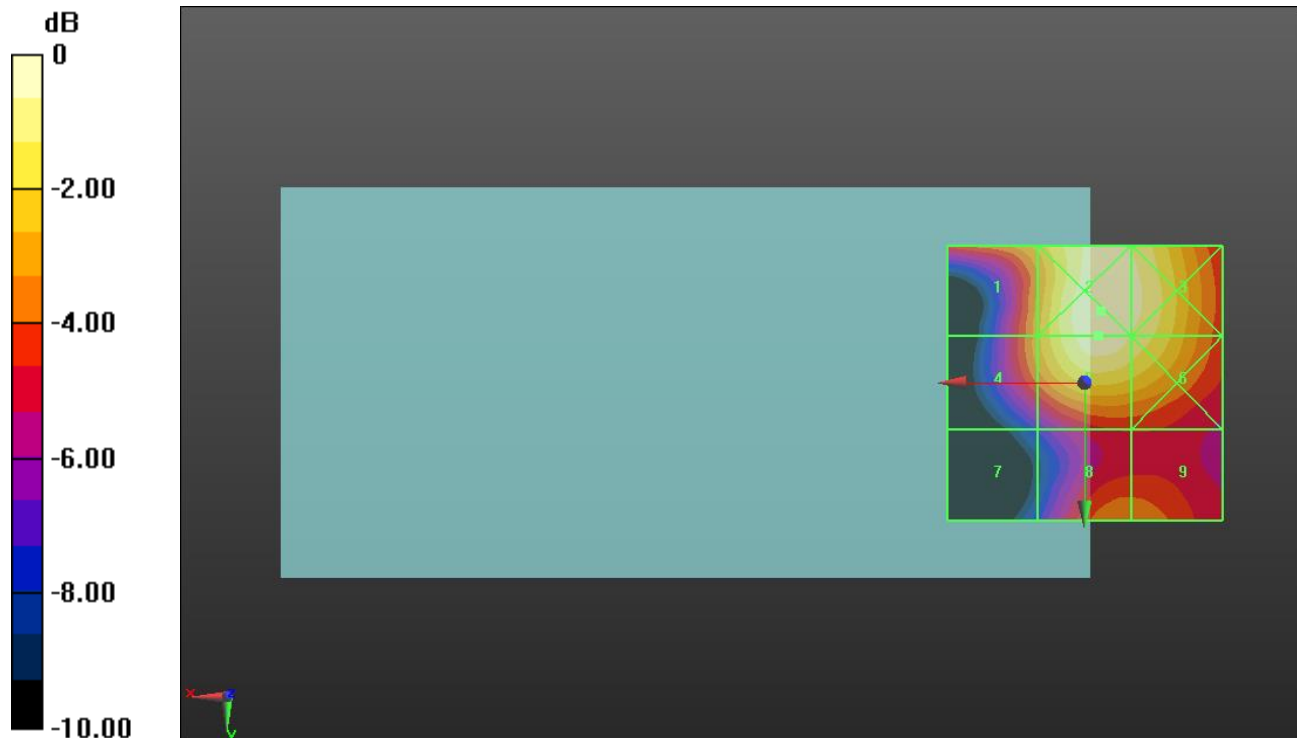
Applied MIF = -1.44 dB

RF audio interference level = 28.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.3 dBV/m	Grid 2 M4 28.58 dBV/m	Grid 3 M4 28.21 dBV/m
Grid 4 M4 25.72 dBV/m	Grid 5 M4 28.38 dBV/m	Grid 6 M4 27.88 dBV/m
Grid 7 M4 21.4 dBV/m	Grid 8 M4 25.29 dBV/m	Grid 9 M4 25.18 dBV/m



0 dB = 26.87 V/m = 28.59 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 = 7.823 V/m; Power Drift = -0.11 dB

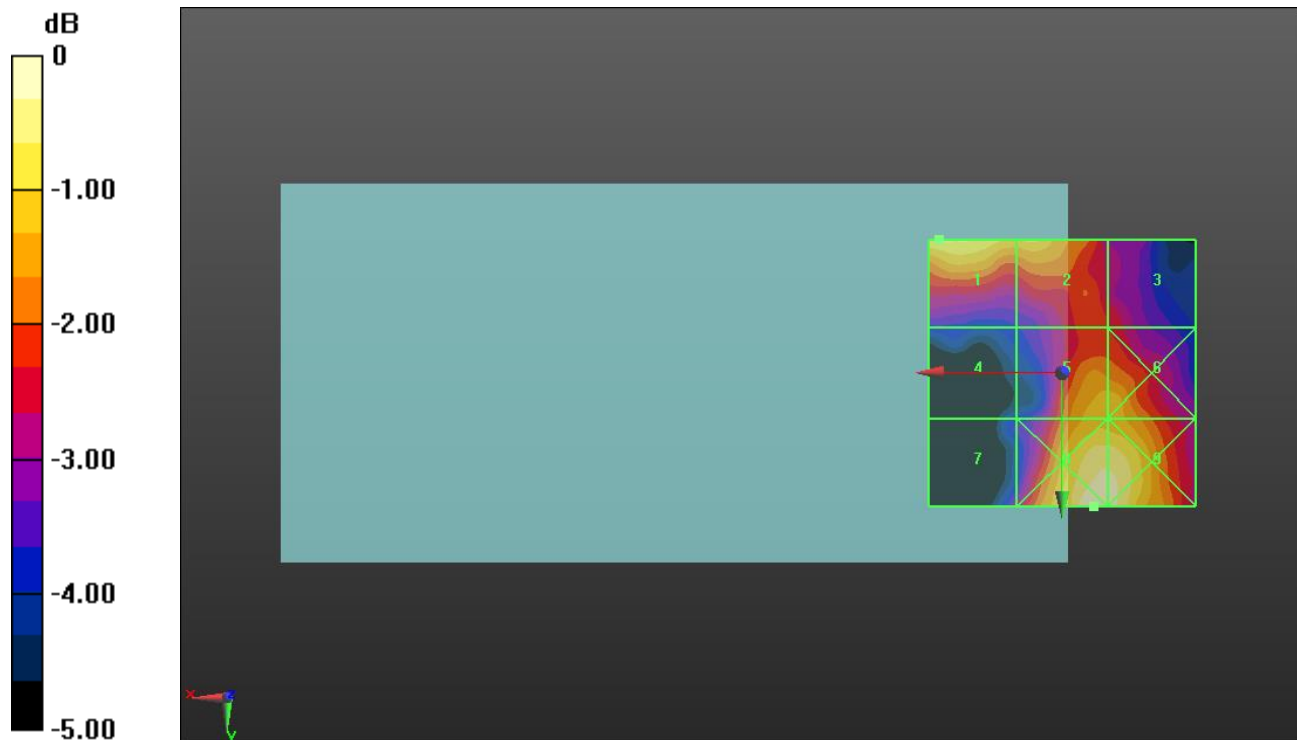
Applied MIF = 3.63 dB

RF audio interference level = 21.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.2 dBV/m	Grid 2 M4 20.91 dBV/m	Grid 3 M4 19.51 dBV/m
Grid 4 M4 18.12 dBV/m	Grid 5 M4 20.7 dBV/m	Grid 6 M4 20.68 dBV/m
Grid 7 M4 18.83 dBV/m	Grid 8 M4 21.79 dBV/m	Grid 9 M4 21.63 dBV/m



0 dB = 12.29 V/m = 21.79 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 = 7.143 V/m; Power Drift = 0.12 dB

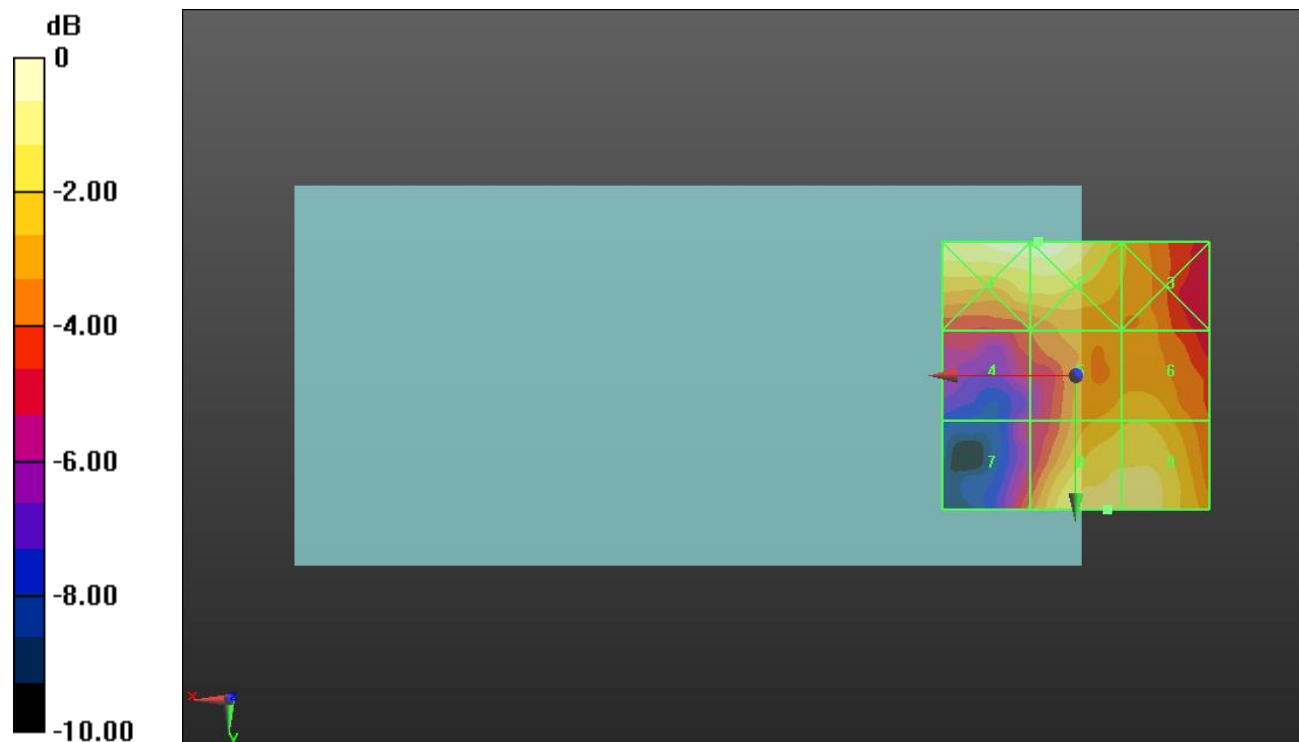
Applied MIF = 3.63 dB

RF audio interference level = 20.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.77 dBV/m	Grid 2 M4 21.8 dBV/m	Grid 3 M4 19.34 dBV/m
Grid 4 M4 17.82 dBV/m	Grid 5 M4 19.67 dBV/m	Grid 6 M4 19.8 dBV/m
Grid 7 M4 18.18 dBV/m	Grid 8 M4 20.96 dBV/m	Grid 9 M4 20.93 dBV/m



0 dB = 12.30 V/m = 21.80 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 = 7.579 V/m; Power Drift = 0.14 dB

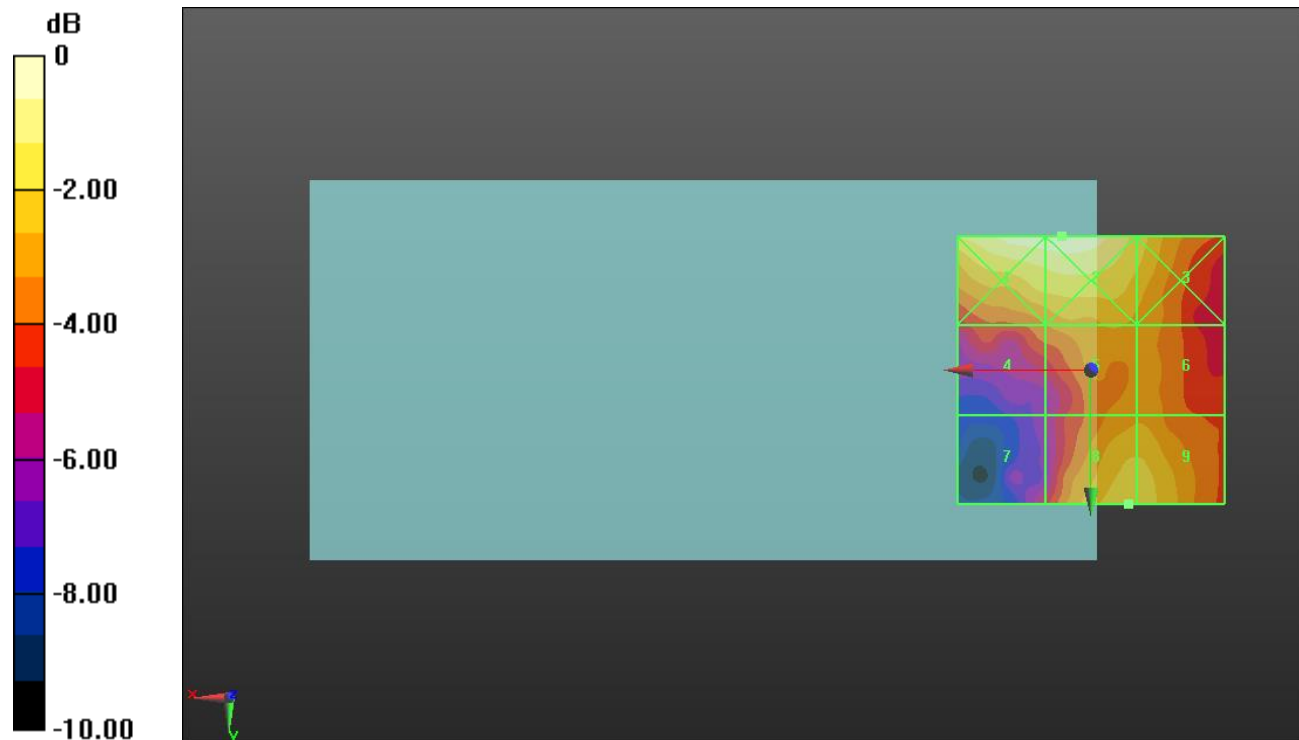
Applied MIF = 3.63 dB

RF audio interference level = 21.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.64 dBV/m	Grid 2 M4 22.79 dBV/m	Grid 3 M4 21.22 dBV/m
Grid 4 M4 19.42 dBV/m	Grid 5 M4 20.23 dBV/m	Grid 6 M4 19.95 dBV/m
Grid 7 M4 17.9 dBV/m	Grid 8 M4 21.17 dBV/m	Grid 9 M4 21.14 dBV/m



0 dB = 13.78 V/m = 22.78 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 = 29.42 V/m; Power Drift = 0.07 dB

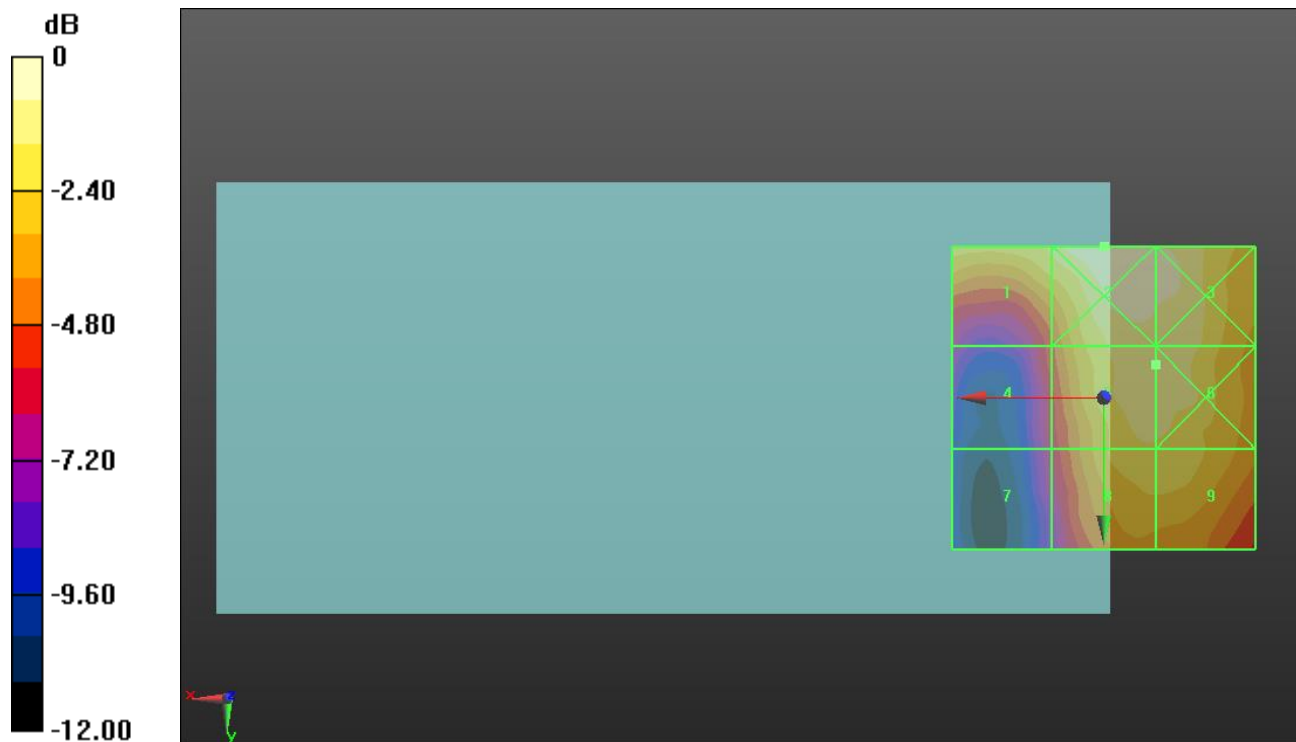
Applied MIF = -1.44 dB

RF audio interference level = 26.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.43 dBV/m	Grid 2 M4 27.73 dBV/m	Grid 3 M4 27.5 dBV/m
Grid 4 M4 22.73 dBV/m	Grid 5 M4 26.81 dBV/m	Grid 6 M4 26.82 dBV/m
Grid 7 M4 21.51 dBV/m	Grid 8 M4 26.06 dBV/m	Grid 9 M4 26.03 dBV/m



0 dB = 24.34 V/m = 27.73 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 = 26.44 V/m; Power Drift = -0.11 dB

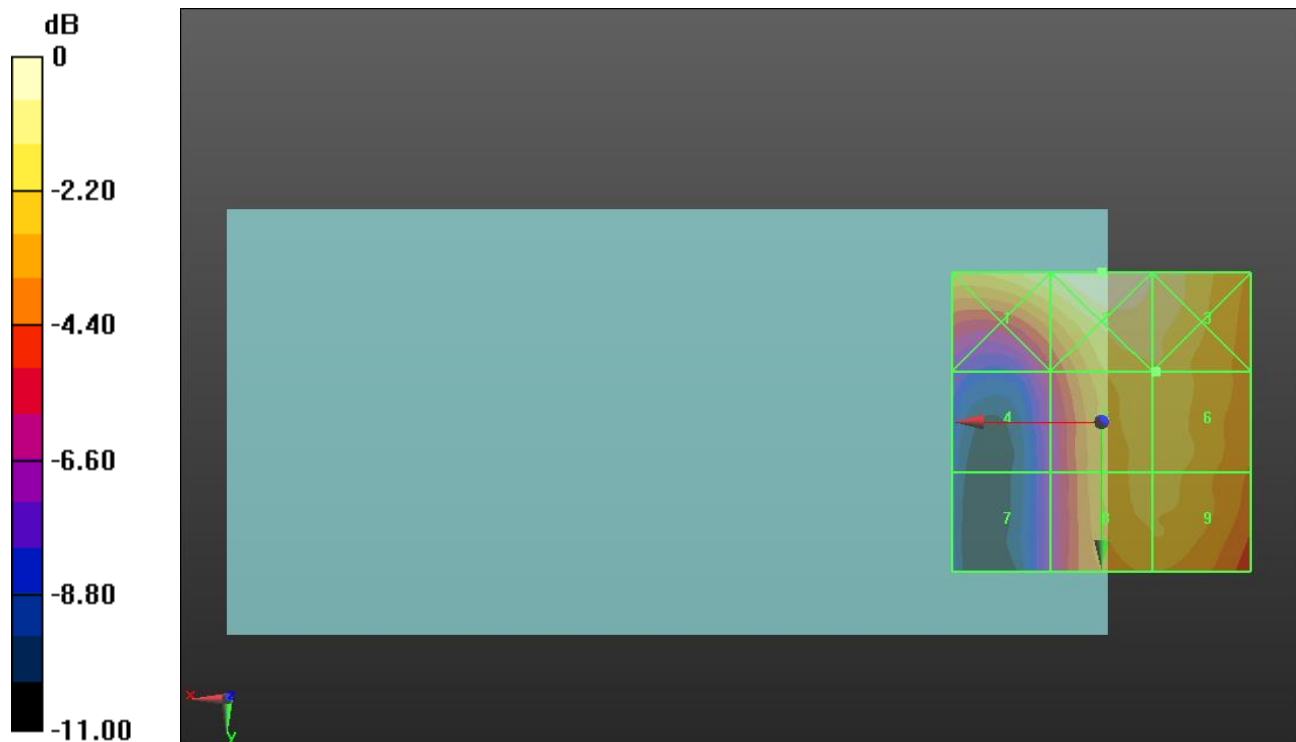
Applied MIF = -1.44 dB

RF audio interference level = 26.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.94 dBV/m	Grid 2 M4 27.58 dBV/m	Grid 3 M4 26.94 dBV/m
Grid 4 M4 22.2 dBV/m	Grid 5 M4 26.02 dBV/m	Grid 6 M4 26.02 dBV/m
Grid 7 M4 20.89 dBV/m	Grid 8 M4 25.67 dBV/m	Grid 9 M4 25.69 dBV/m



0 dB = 23.93 V/m = 27.58 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 = 22.96 V/m; Power Drift = 0.10 dB

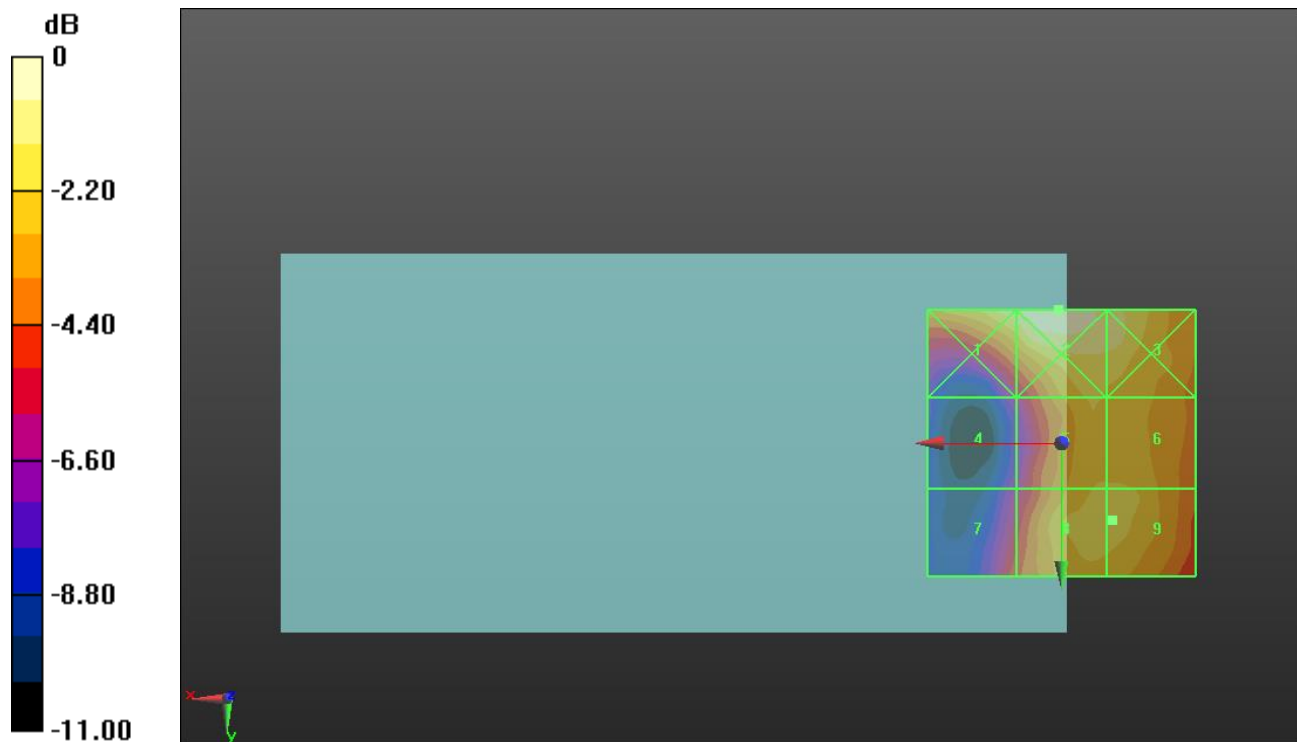
Applied MIF = -1.44 dB

RF audio interference level = 25.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.22 dBV/m	Grid 2 M4 26.99 dBV/m	Grid 3 M4 26.06 dBV/m
Grid 4 M4 20.74 dBV/m	Grid 5 M4 24.92 dBV/m	Grid 6 M4 24.93 dBV/m
Grid 7 M4 22.43 dBV/m	Grid 8 M4 25.24 dBV/m	Grid 9 M4 25.26 dBV/m



0 dB = 22.37 V/m = 26.99 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 = 19.48 V/m; Power Drift = -0.07 dB

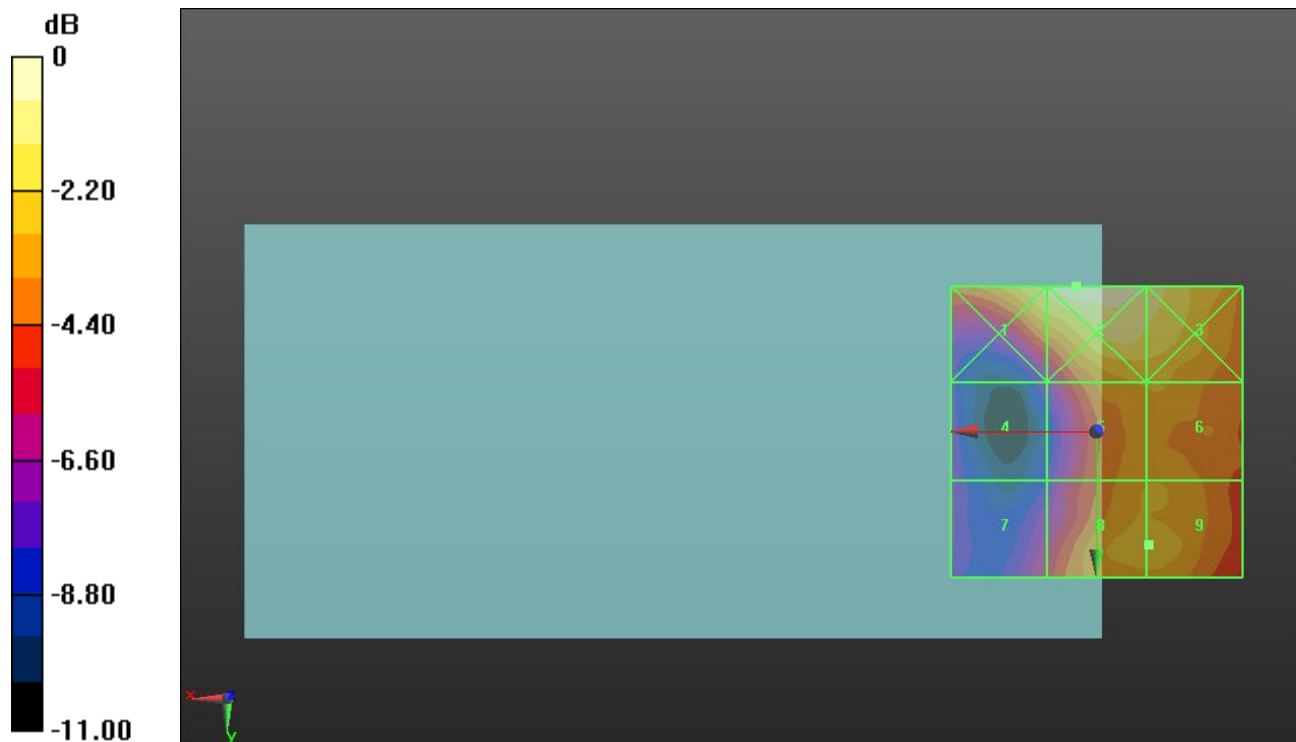
Applied MIF = -1.44 dB

RF audio interference level = 24.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26 dBV/m	Grid 2 M4 27.04 dBV/m	Grid 3 M4 26.29 dBV/m
Grid 4 M4 20.07 dBV/m	Grid 5 M4 24.19 dBV/m	Grid 6 M4 24.2 dBV/m
Grid 7 M4 21.58 dBV/m	Grid 8 M4 24.46 dBV/m	Grid 9 M4 24.47 dBV/m



0 dB = 22.48 V/m = 27.04 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.79 V/m; Power Drift = 0.15 dB

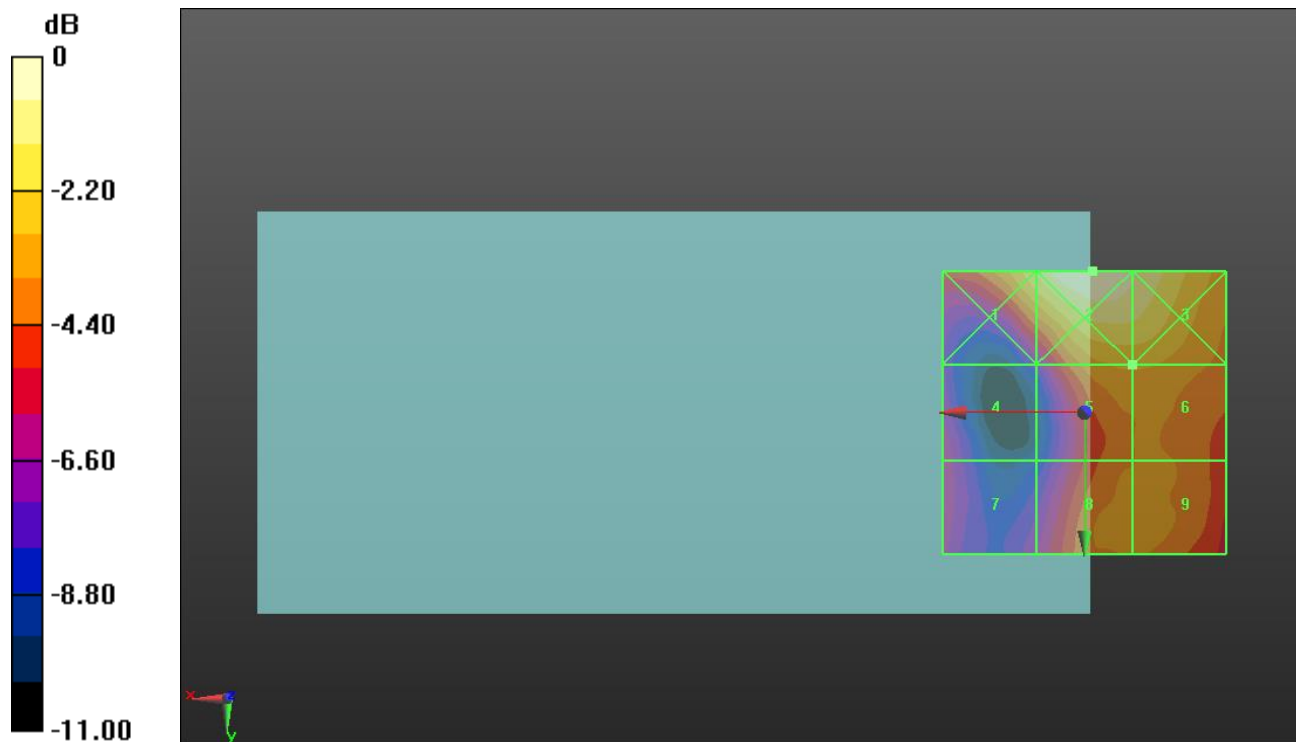
Applied MIF = -1.44 dB

RF audio interference level = 23.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.59 dBV/m	Grid 2 M4 26.01 dBV/m	Grid 3 M4 25.41 dBV/m
Grid 4 M4 20.07 dBV/m	Grid 5 M4 23.23 dBV/m	Grid 6 M4 23.23 dBV/m
Grid 7 M4 20.12 dBV/m	Grid 8 M4 22.73 dBV/m	Grid 9 M4 22.77 dBV/m



0 dB = 19.97 V/m = 26.01 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 = 32.76 V/m; Power Drift = -0.05 dB

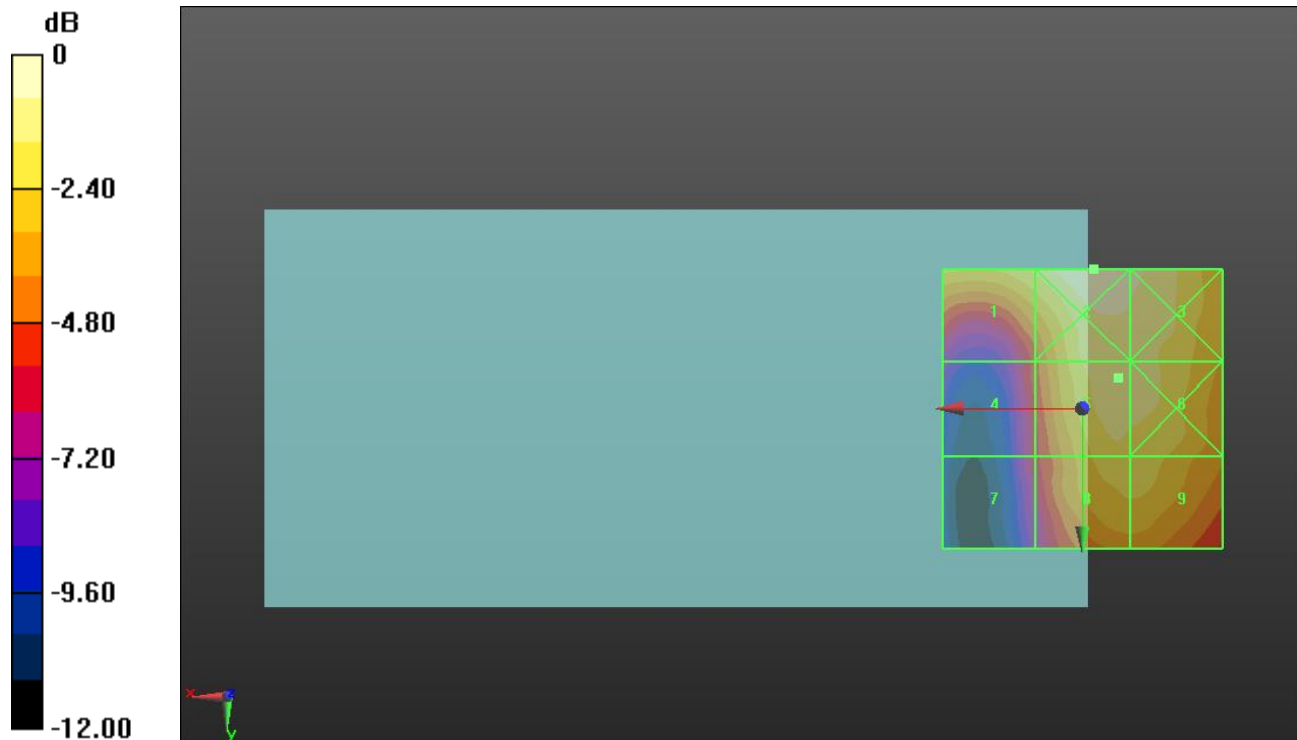
Applied MIF = -1.44 dB

RF audio interference level = 27.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.34 dBV/m	Grid 2 M4 28.7 dBV/m	Grid 3 M4 28.19 dBV/m
Grid 4 M4 23.55 dBV/m	Grid 5 M4 27.77 dBV/m	Grid 6 M4 27.75 dBV/m
Grid 7 M4 22.77 dBV/m	Grid 8 M4 26.95 dBV/m	Grid 9 M4 26.95 dBV/m



0 dB = 27.24 V/m = 28.70 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 = 30.98 V/m; Power Drift = -0.09 dB

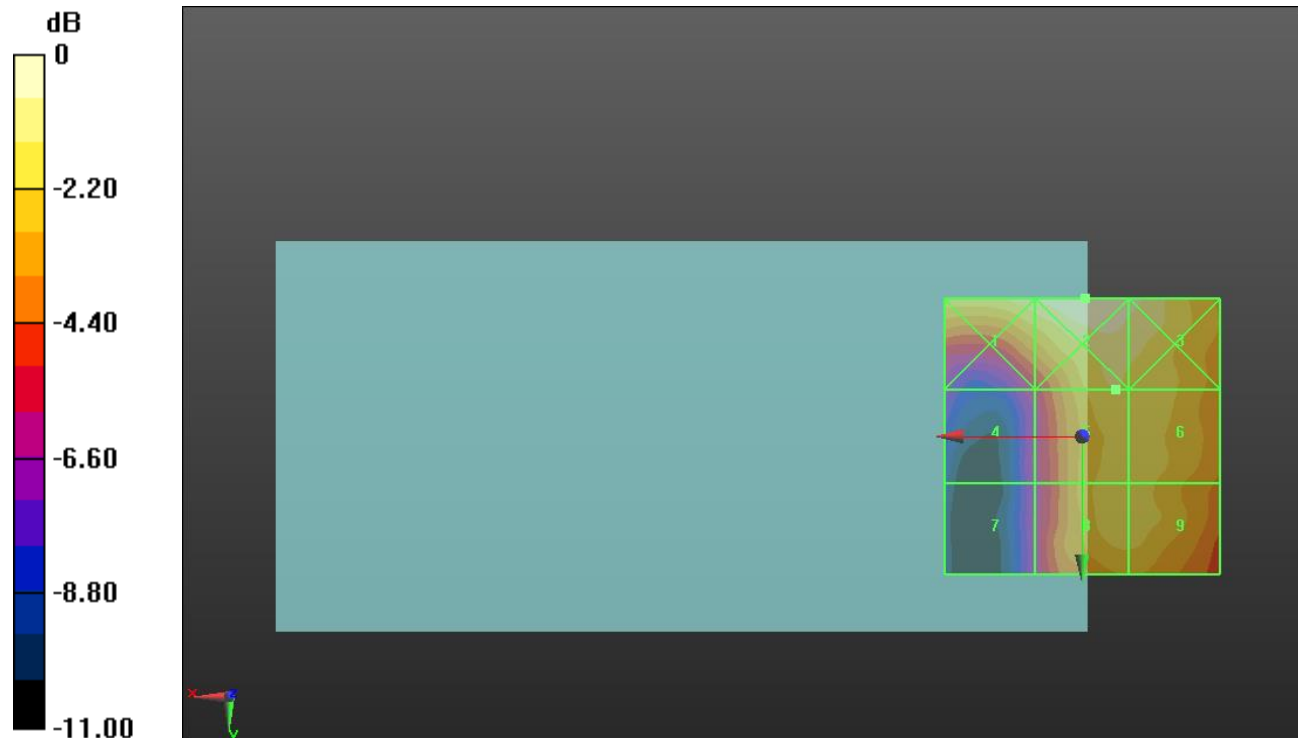
Applied MIF = -1.44 dB

RF audio interference level = 27.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.13 dBV/m	Grid 2 M4 28.88 dBV/m	Grid 3 M4 28.43 dBV/m
Grid 4 M4 23.3 dBV/m	Grid 5 M4 27.41 dBV/m	Grid 6 M4 27.31 dBV/m
Grid 7 M4 22.55 dBV/m	Grid 8 M4 27.23 dBV/m	Grid 9 M4 27.07 dBV/m



0 dB = 27.78 V/m = 28.87 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 = 25.15 V/m; Power Drift = 0.17 dB

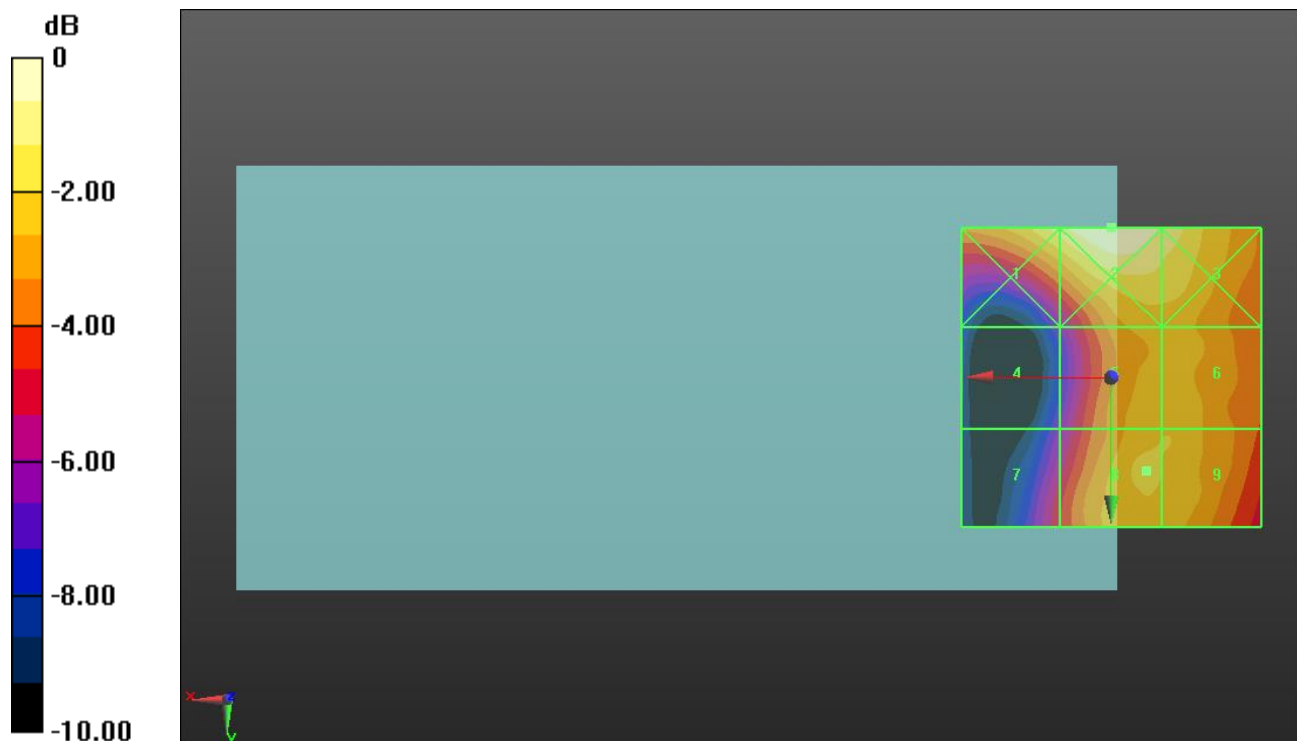
Applied MIF = -1.44 dB

RF audio interference level = 26.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.94 dBV/m	Grid 2 M4 27.87 dBV/m	Grid 3 M4 27.19 dBV/m
Grid 4 M4 21.48 dBV/m	Grid 5 M4 25.79 dBV/m	Grid 6 M4 25.81 dBV/m
Grid 7 M4 23.19 dBV/m	Grid 8 M4 26.08 dBV/m	Grid 9 M4 25.9 dBV/m



0 dB = 24.74 V/m = 27.87 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 = 21.84 V/m; Power Drift = -0.05 dB

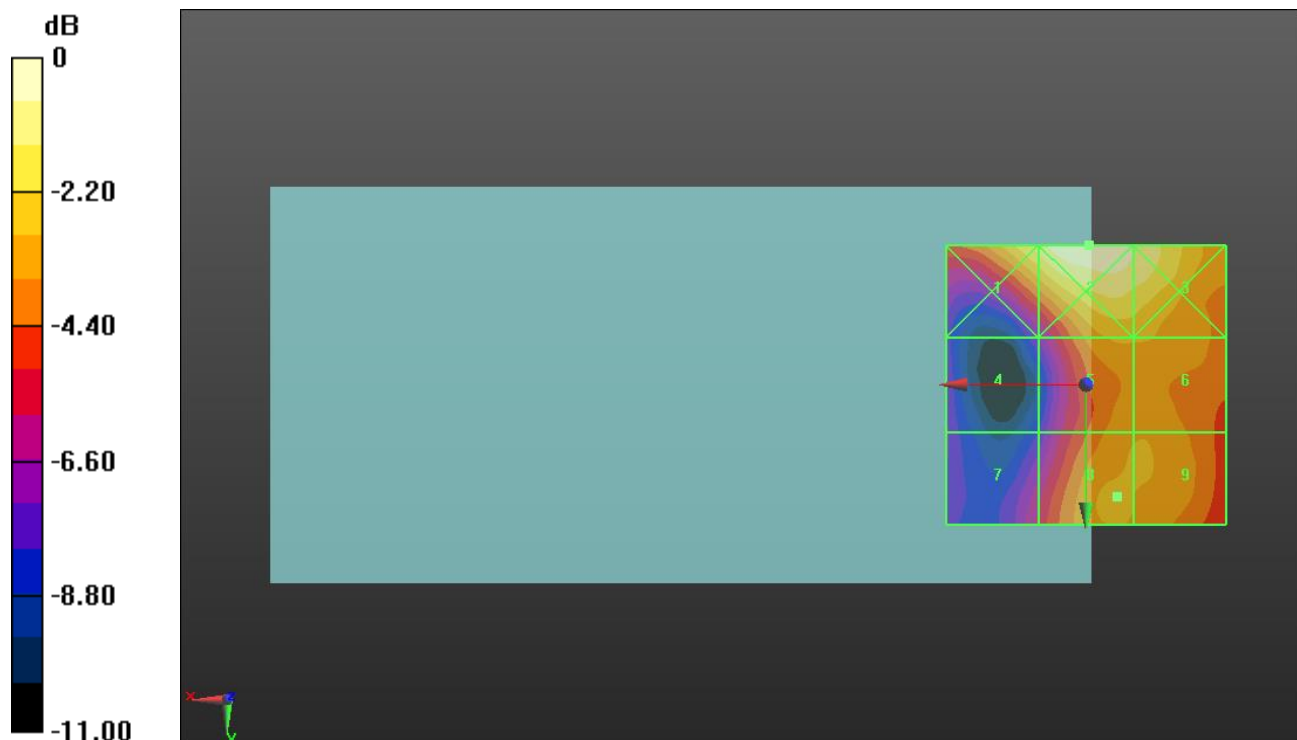
Applied MIF = -1.44 dB

RF audio interference level = 25.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.88 dBV/m	Grid 2 M4 27.99 dBV/m	Grid 3 M4 27.27 dBV/m
Grid 4 M4 20.9 dBV/m	Grid 5 M4 25.26 dBV/m	Grid 6 M4 25.26 dBV/m
Grid 7 M4 22.26 dBV/m	Grid 8 M4 25.31 dBV/m	Grid 9 M4 25.17 dBV/m



0 dB = 25.08 V/m = 27.99 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.71 V/m; Power Drift = 0.07 dB

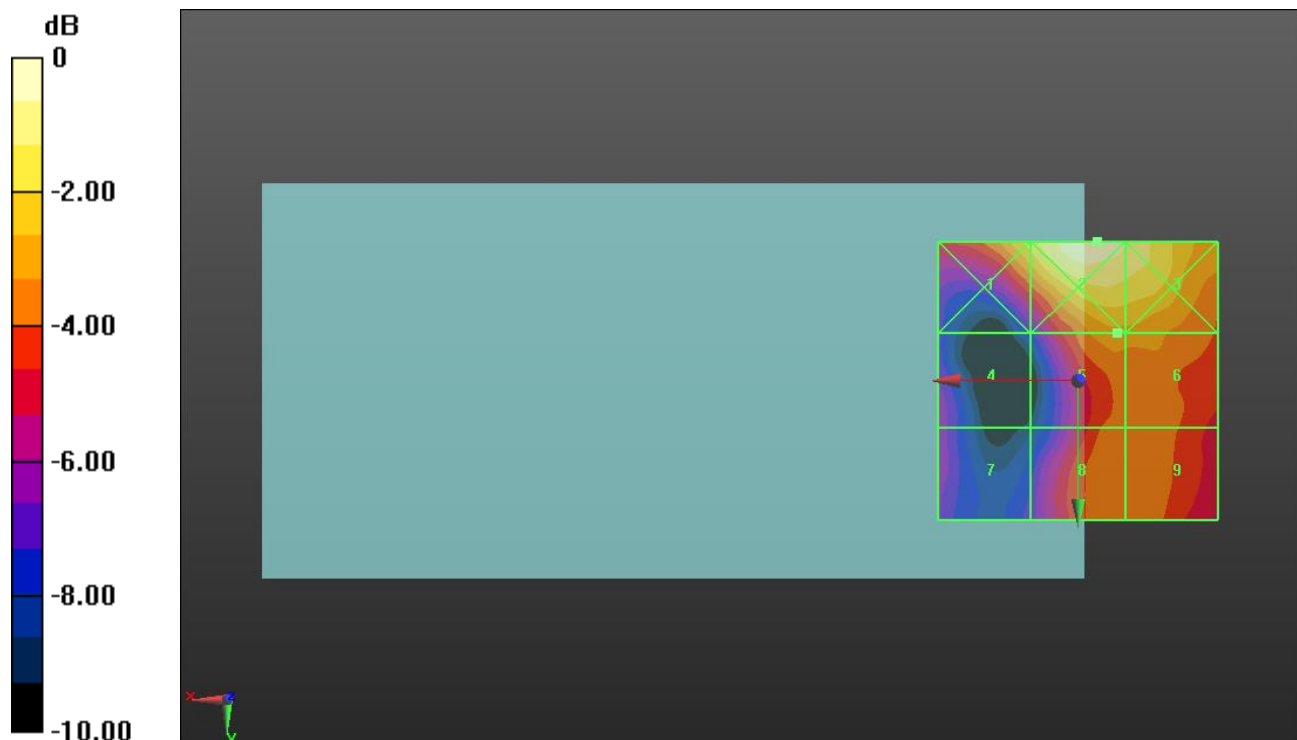
Applied MIF = -1.44 dB

RF audio interference level = 24.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.87 dBV/m	Grid 2 M4 27.47 dBV/m	Grid 3 M4 26.81 dBV/m
Grid 4 M4 21.33 dBV/m	Grid 5 M4 24.62 dBV/m	Grid 6 M4 24.59 dBV/m
Grid 7 M4 21.56 dBV/m	Grid 8 M4 24.07 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 23.62 V/m = 27.47 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 = 6.354 V/m; Power Drift = -0.25 dB

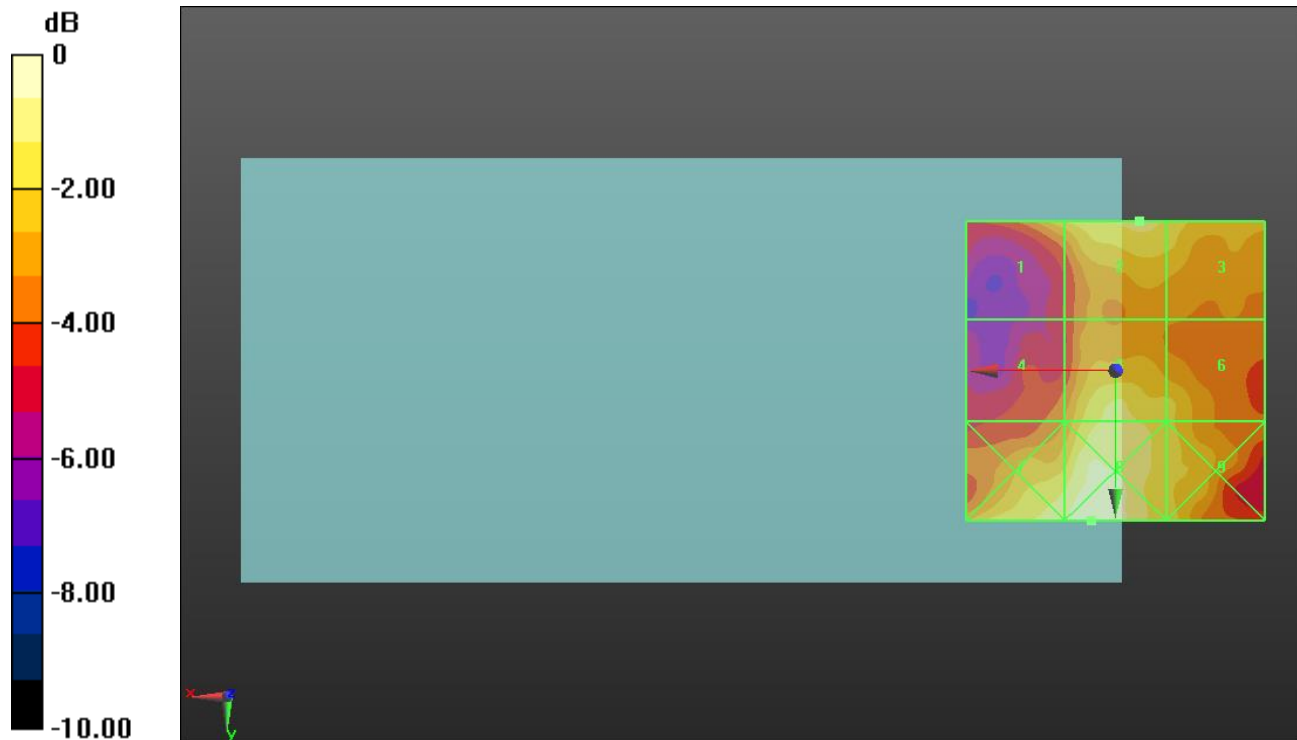
Applied MIF = -2.02 dB

RF audio interference level = 13.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.28 dBV/m	Grid 2 M4 13.24 dBV/m	Grid 3 M4 12.7 dBV/m
Grid 4 M4 11 dBV/m	Grid 5 M4 13.07 dBV/m	Grid 6 M4 12.47 dBV/m
Grid 7 M4 13.52 dBV/m	Grid 8 M4 14.24 dBV/m	Grid 9 M4 12.64 dBV/m



0 dB = 5.150 V/m = 14.24 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 = 6.113 V/m; Power Drift = 0.18 dB

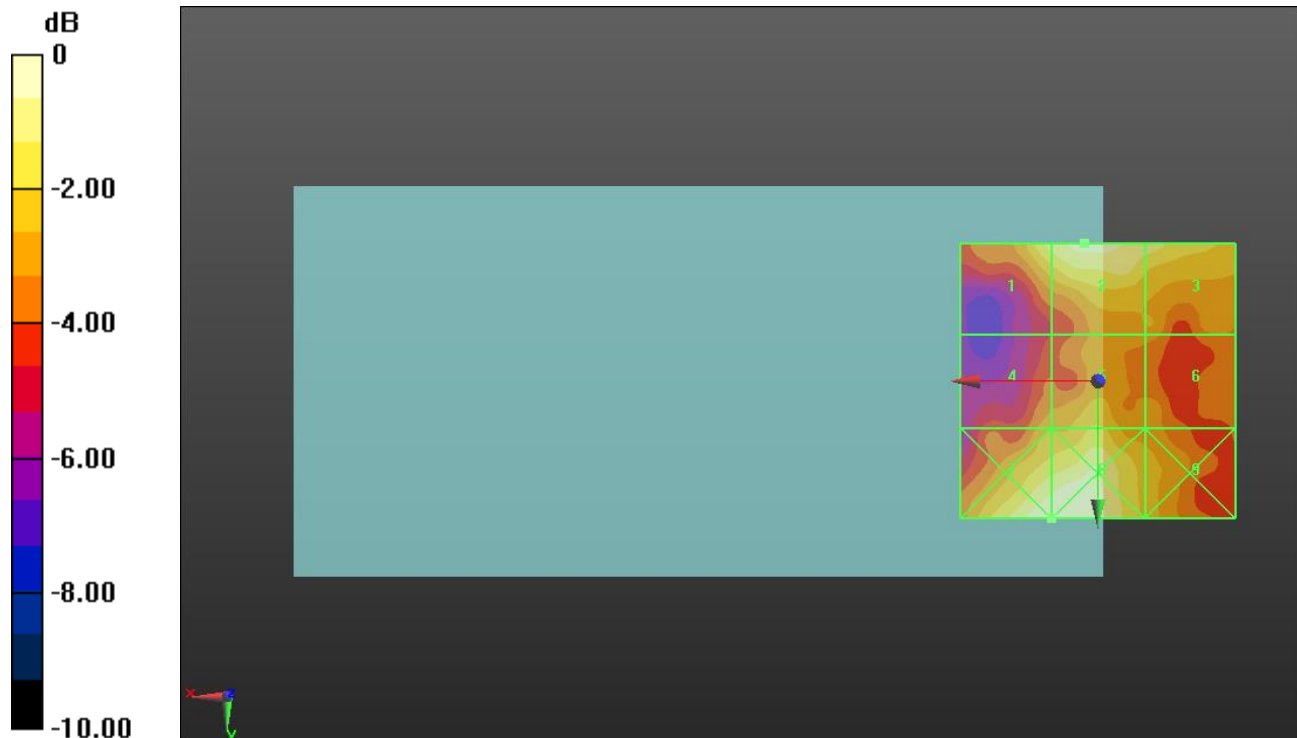
Applied MIF = -2.02 dB

RF audio interference level = 14.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.53 dBV/m	Grid 2 M4 14.11 dBV/m	Grid 3 M4 13.65 dBV/m
Grid 4 M4 11.73 dBV/m	Grid 5 M4 12.61 dBV/m	Grid 6 M4 11.61 dBV/m
Grid 7 M4 14.5 dBV/m	Grid 8 M4 14.5 dBV/m	Grid 9 M4 12.38 dBV/m



0 dB = 5.309 V/m = 14.50 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.169 V/m; Power Drift = 0.01 dB

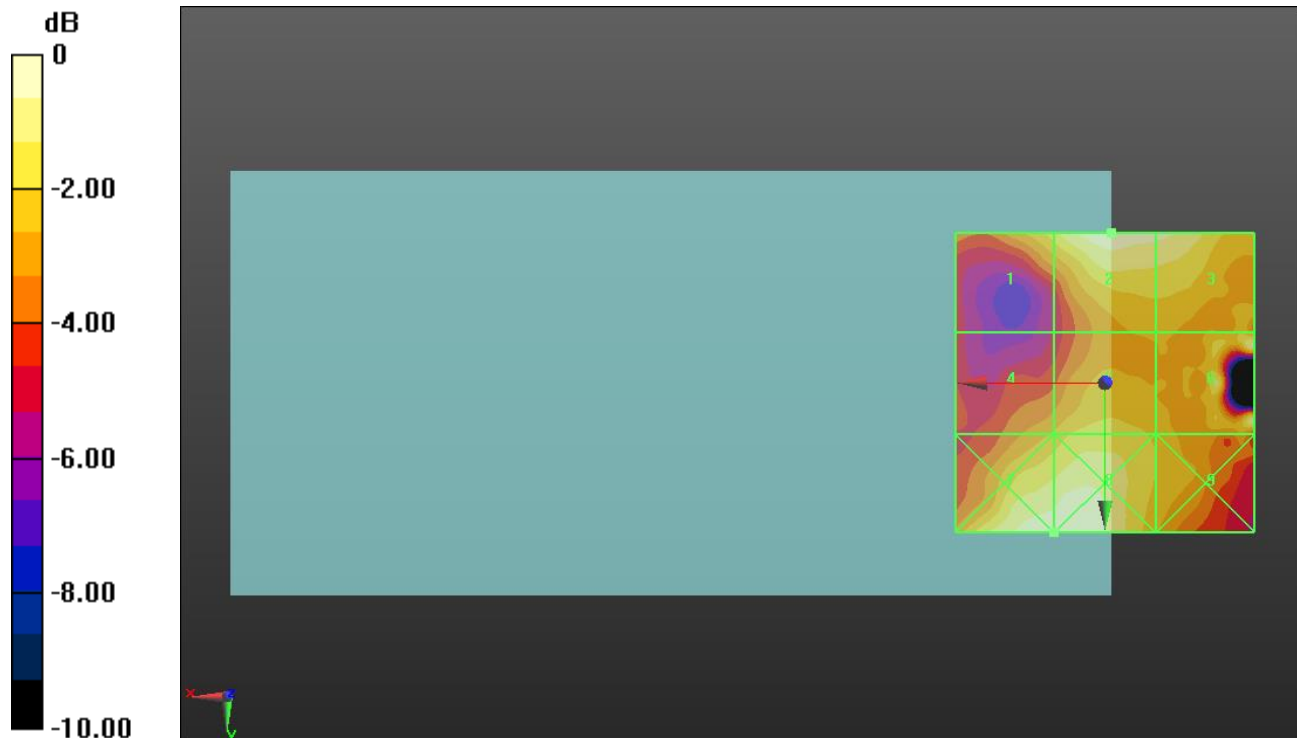
Applied MIF = -2.02 dB

RF audio interference level = 15.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.1 dBV/m	Grid 2 M4 15.56 dBV/m	Grid 3 M4 15.28 dBV/m
Grid 4 M4 13.19 dBV/m	Grid 5 M4 14.03 dBV/m	Grid 6 M4 15.19 dBV/m
Grid 7 M4 15.71 dBV/m	Grid 8 M4 15.71 dBV/m	Grid 9 M4 13.73 dBV/m



0 dB = 6.104 V/m = 15.71 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 = 6.382 V/m; Power Drift = -0.22 dB

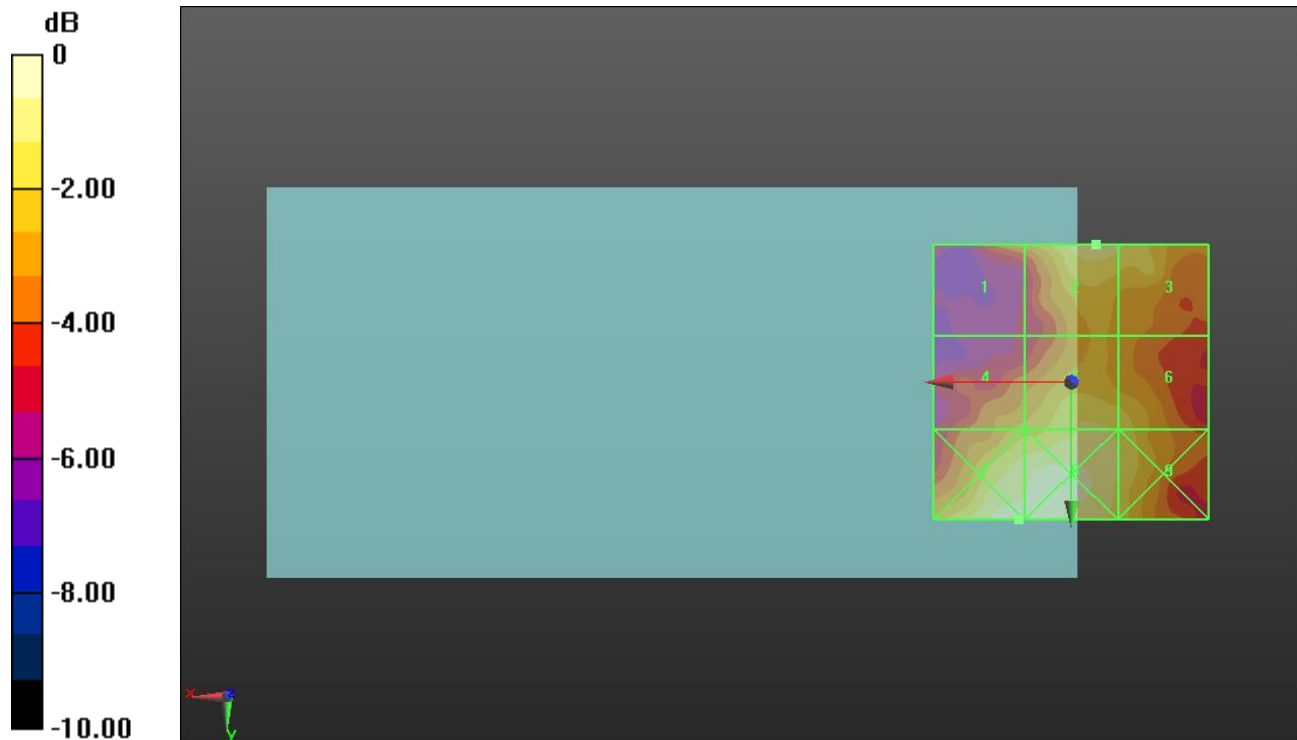
Applied MIF = 0.12 dB

RF audio interference level = 15.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.17 dBV/m	Grid 2 M4 15.16 dBV/m	Grid 3 M4 14.67 dBV/m
Grid 4 M4 13.49 dBV/m	Grid 5 M4 14.62 dBV/m	Grid 6 M4 14.31 dBV/m
Grid 7 M4 15.83 dBV/m	Grid 8 M4 15.8 dBV/m	Grid 9 M4 14.54 dBV/m



0 dB = 6.185 V/m = 15.83 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.900 V/m; Power Drift = 0.29 dB

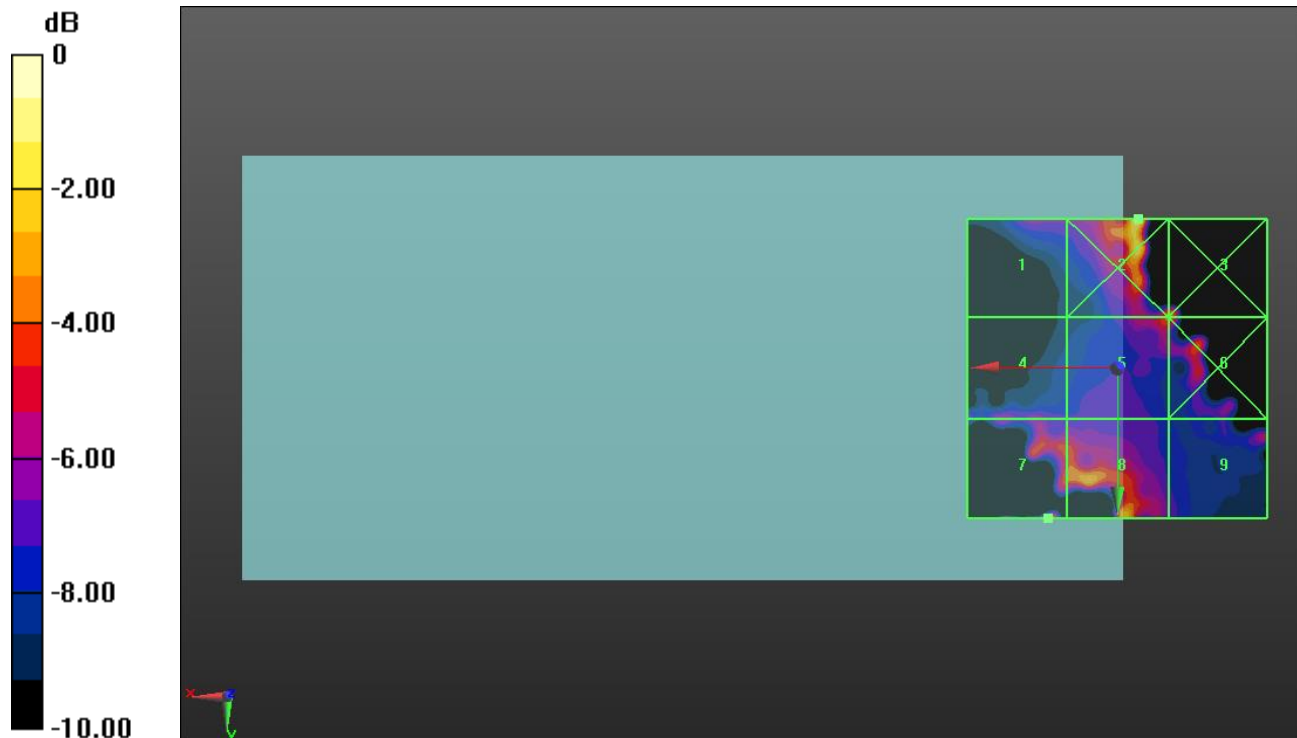
Applied MIF = 0.12 dB

RF audio interference level = 19.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.26 dBV/m	Grid 2 M4 21.39 dBV/m	Grid 3 M4 18 dBV/m
Grid 4 M4 15.43 dBV/m	Grid 5 M4 17.89 dBV/m	Grid 6 M4 17.89 dBV/m
Grid 7 M4 19.47 dBV/m	Grid 8 M4 19.26 dBV/m	Grid 9 M4 16.09 dBV/m



0 dB = 11.74 V/m = 21.39 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 = 6.922 V/m; Power Drift = -0.13 dB

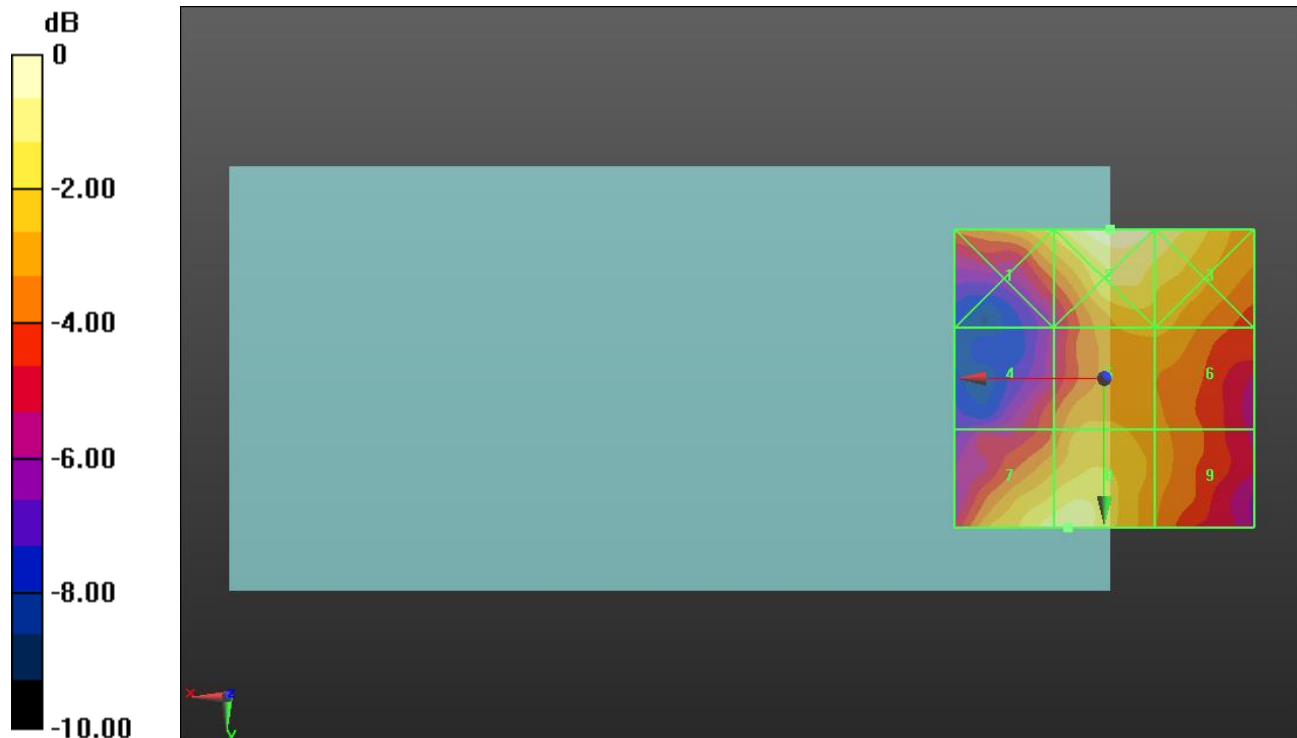
Applied MIF = 0.12 dB

RF audio interference level = 17.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.3 dBV/m	Grid 2 M4 17.86 dBV/m	Grid 3 M4 17.11 dBV/m
Grid 4 M4 13.95 dBV/m	Grid 5 M4 15.43 dBV/m	Grid 6 M4 15.4 dBV/m
Grid 7 M4 16.92 dBV/m	Grid 8 M4 17.16 dBV/m	Grid 9 M4 14.97 dBV/m



0 dB = 7.816 V/m = 17.86 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 = 9.052 V/m; Power Drift = 0.02 dB

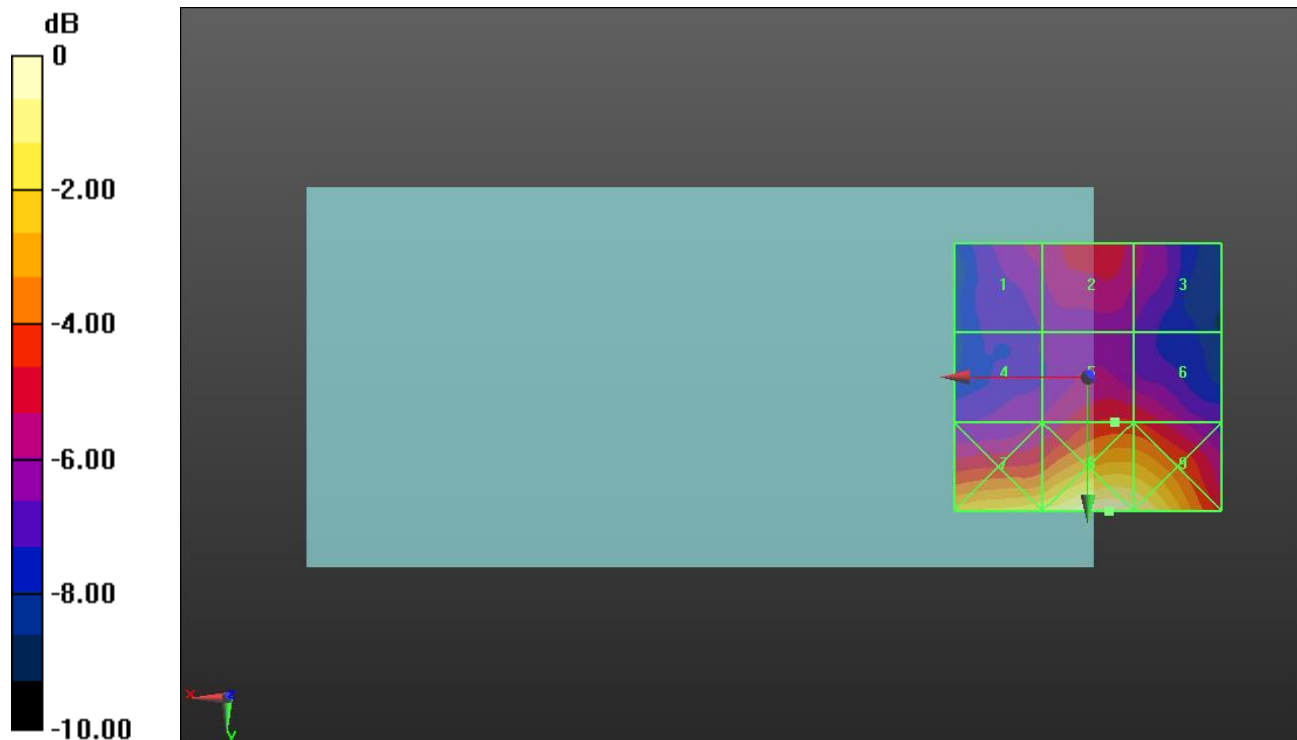
Applied MIF = 3.63 dB

RF audio interference level = 21.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.59 dBV/m	Grid 2 M4 21.29 dBV/m	Grid 3 M4 20.51 dBV/m
Grid 4 M4 20.29 dBV/m	Grid 5 M4 21.67 dBV/m	Grid 6 M4 21.59 dBV/m
Grid 7 M4 24.94 dBV/m	Grid 8 M4 26.14 dBV/m	Grid 9 M4 25.71 dBV/m



0 dB = 20.28 V/m = 26.14 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 = 9.510 V/m; Power Drift = 0.02 dB

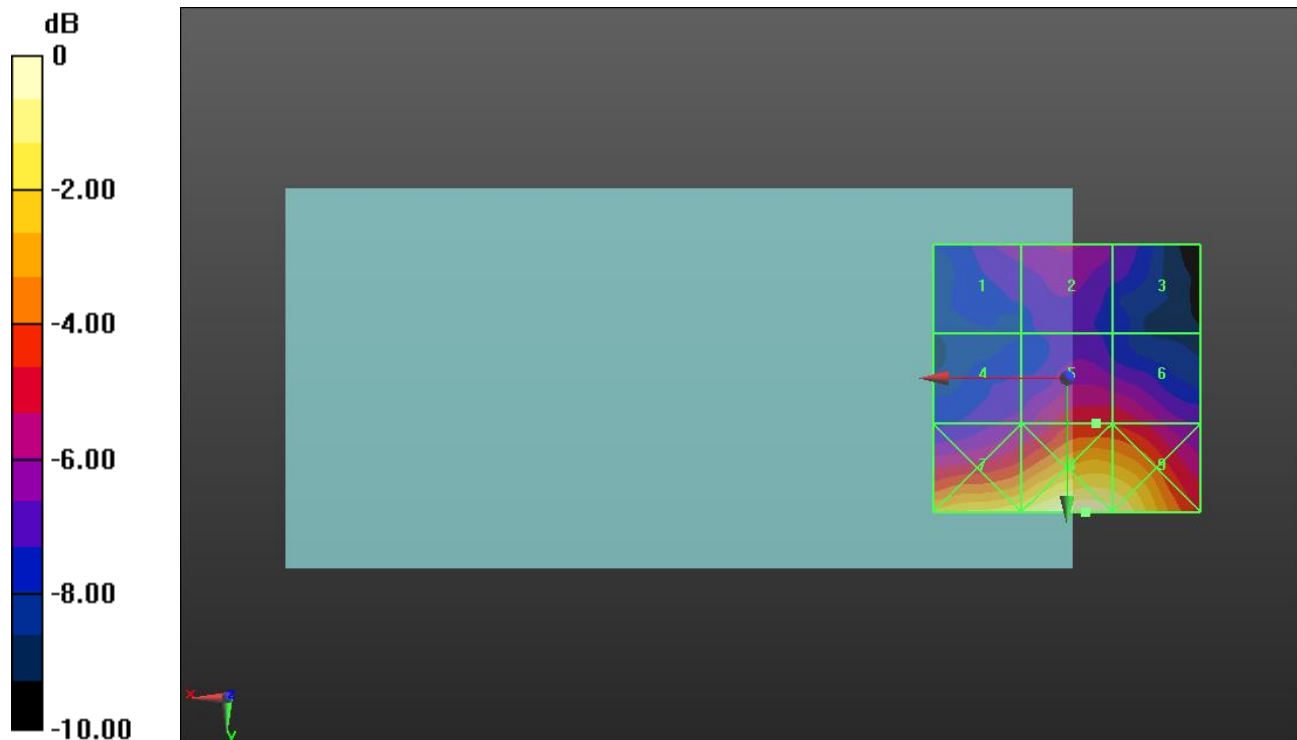
Applied MIF = 3.63 dB

RF audio interference level = 22.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.77 dBV/m	Grid 2 M4 21.13 dBV/m	Grid 3 M4 20.29 dBV/m
Grid 4 M4 20.85 dBV/m	Grid 5 M4 22.39 dBV/m	Grid 6 M4 22.32 dBV/m
Grid 7 M4 25.74 dBV/m	Grid 8 M4 26.98 dBV/m	Grid 9 M4 26.53 dBV/m



0 dB = 22.33 V/m = 26.98 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.331 V/m; Power Drift = -0.09 dB

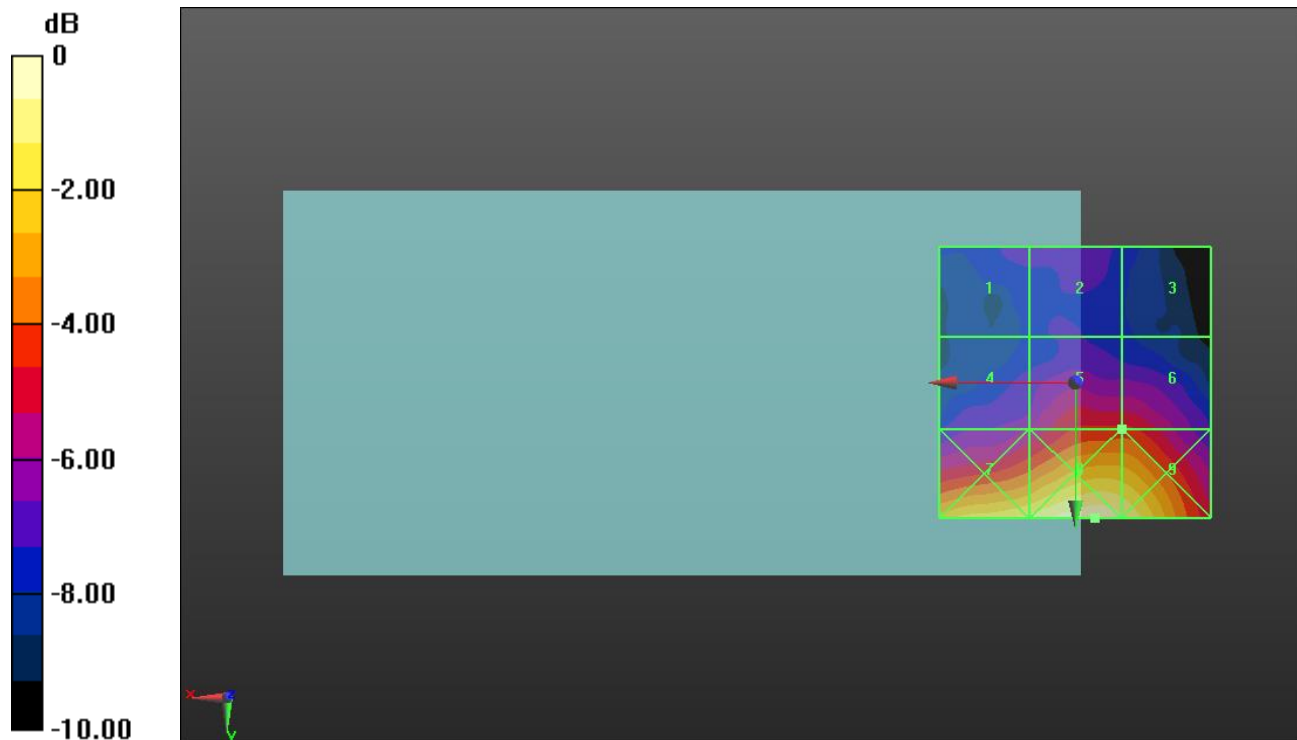
Applied MIF = 3.63 dB

RF audio interference level = 22.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.69 dBV/m	Grid 2 M4 20 dBV/m	Grid 3 M4 19.11 dBV/m
Grid 4 M4 20.63 dBV/m	Grid 5 M4 22.11 dBV/m	Grid 6 M4 22.11 dBV/m
Grid 7 M4 25.54 dBV/m	Grid 8 M4 26.57 dBV/m	Grid 9 M4 26.04 dBV/m



0 dB = 21.30 V/m = 26.57 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 = 22.21 V/m; Power Drift = -0.02 dB

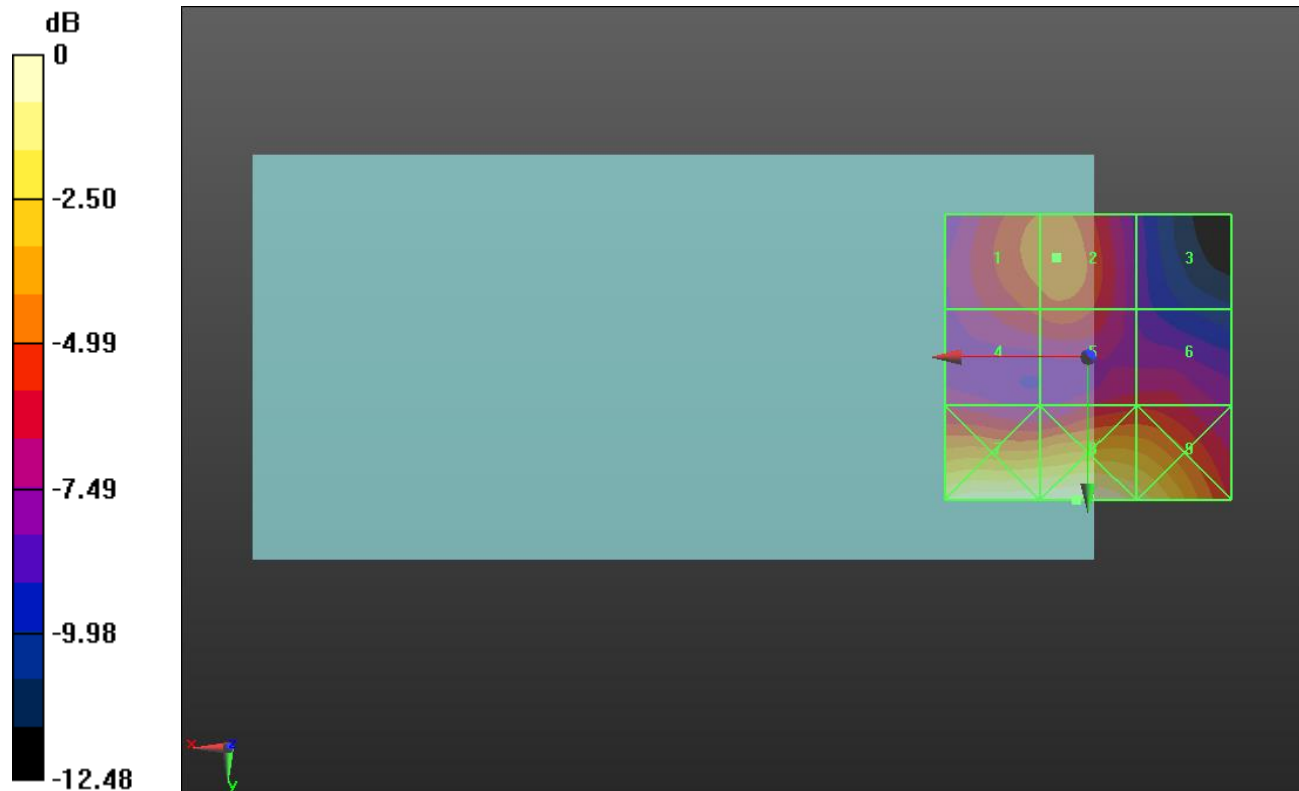
Applied MIF = -1.44 dB

RF audio interference level = 24.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.08 dBV/m	Grid 2 M4 24.26 dBV/m	Grid 3 M4 20.31 dBV/m
Grid 4 M4 23.13 dBV/m	Grid 5 M4 23.44 dBV/m	Grid 6 M4 22.7 dBV/m
Grid 7 M4 28.45 dBV/m	Grid 8 M4 28.65 dBV/m	Grid 9 M4 27.57 dBV/m



0 dB = 27.09 V/m = 28.66 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 = 19.21 V/m; Power Drift = 0.18 dB

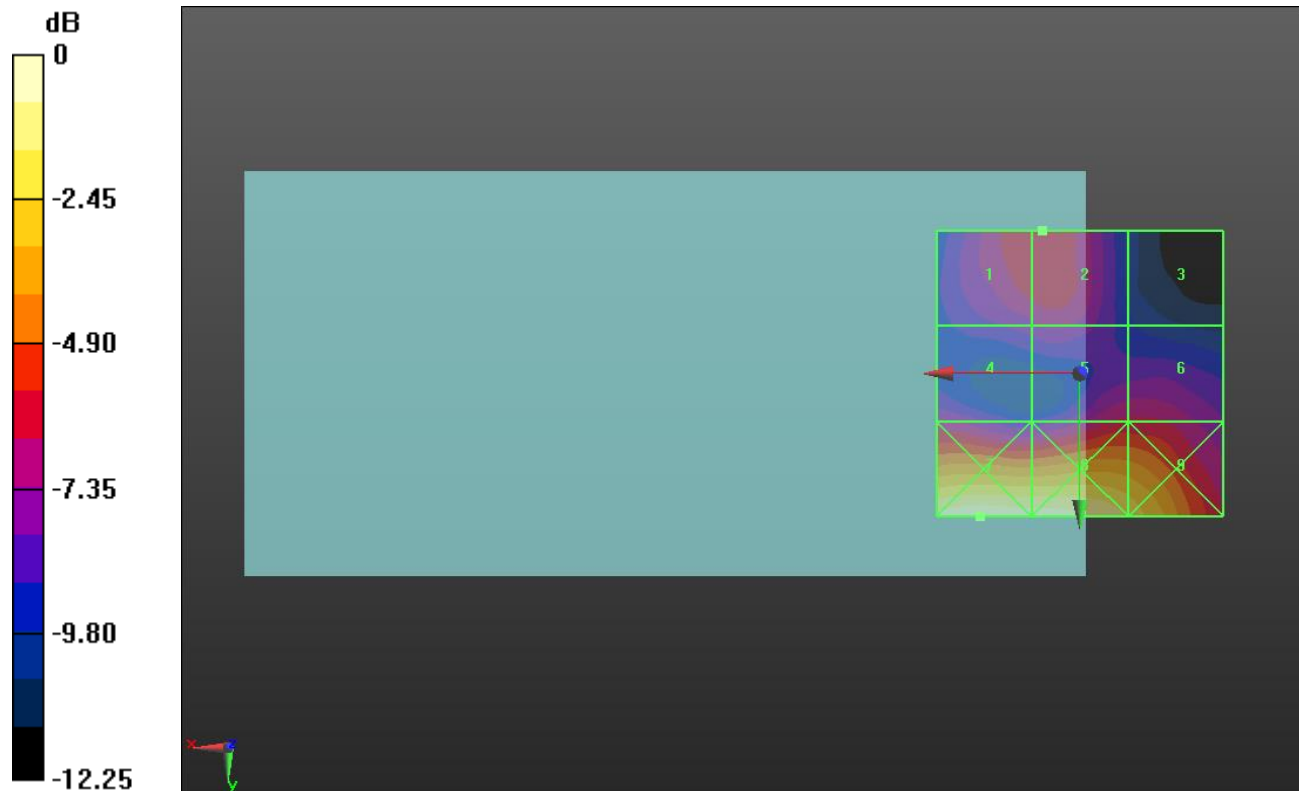
Applied MIF = -1.44 dB

RF audio interference level = 23.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.12 dBV/m	Grid 2 M4 23.24 dBV/m	Grid 3 M4 19.52 dBV/m
Grid 4 M4 21.94 dBV/m	Grid 5 M4 22.79 dBV/m	Grid 6 M4 22.79 dBV/m
Grid 7 M4 29.06 dBV/m	Grid 8 M4 28.8 dBV/m	Grid 9 M4 27.29 dBV/m



0 dB = 28.38 V/m = 29.06 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 = 16.50 V/m; Power Drift = 0.06 dB

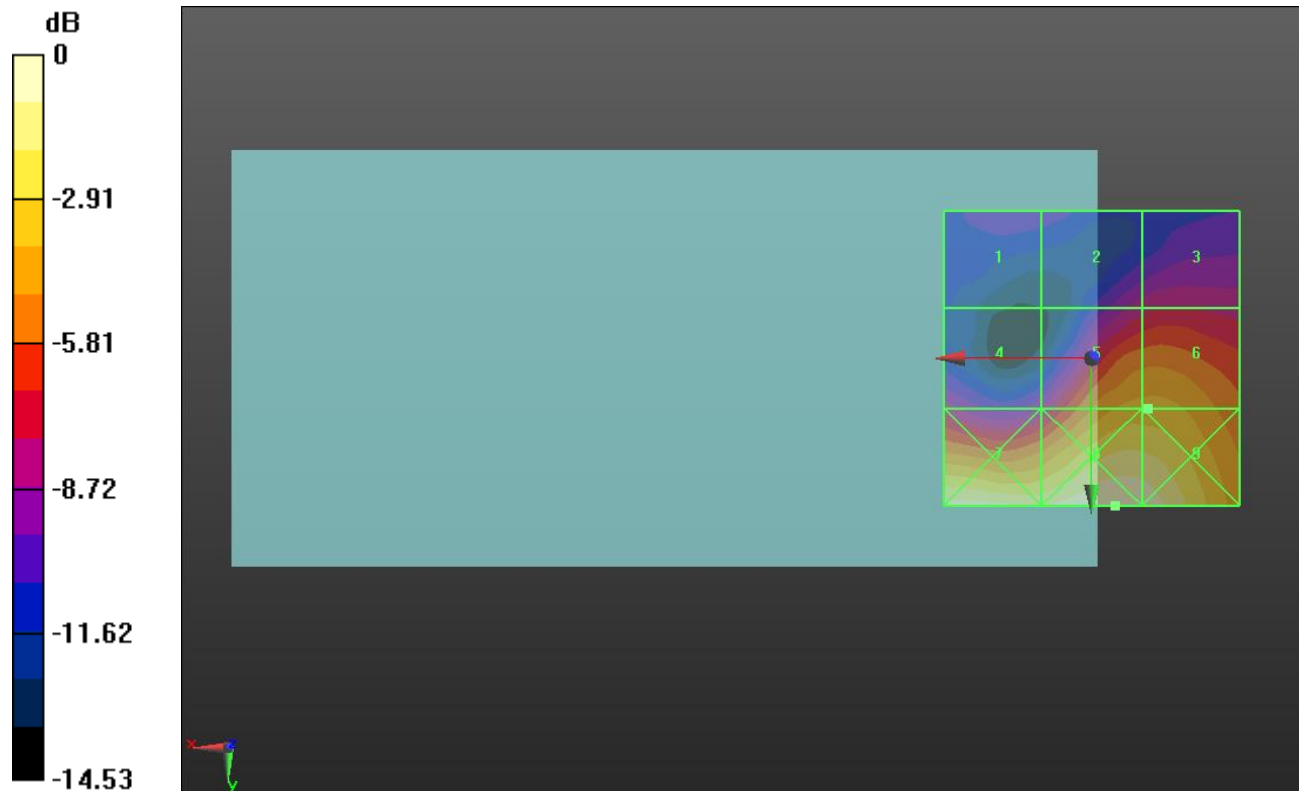
Applied MIF = -1.44 dB

RF audio interference level = 23.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.46 dBV/m	Grid 2 M4 19.29 dBV/m	Grid 3 M4 19.73 dBV/m
Grid 4 M4 19.29 dBV/m	Grid 5 M4 23.89 dBV/m	Grid 6 M4 23.9 dBV/m
Grid 7 M4 26.89 dBV/m	Grid 8 M4 27.4 dBV/m	Grid 9 M4 27.12 dBV/m



0 dB = 23.43 V/m = 27.40 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 = 17.90 V/m; Power Drift = -0.19 dB

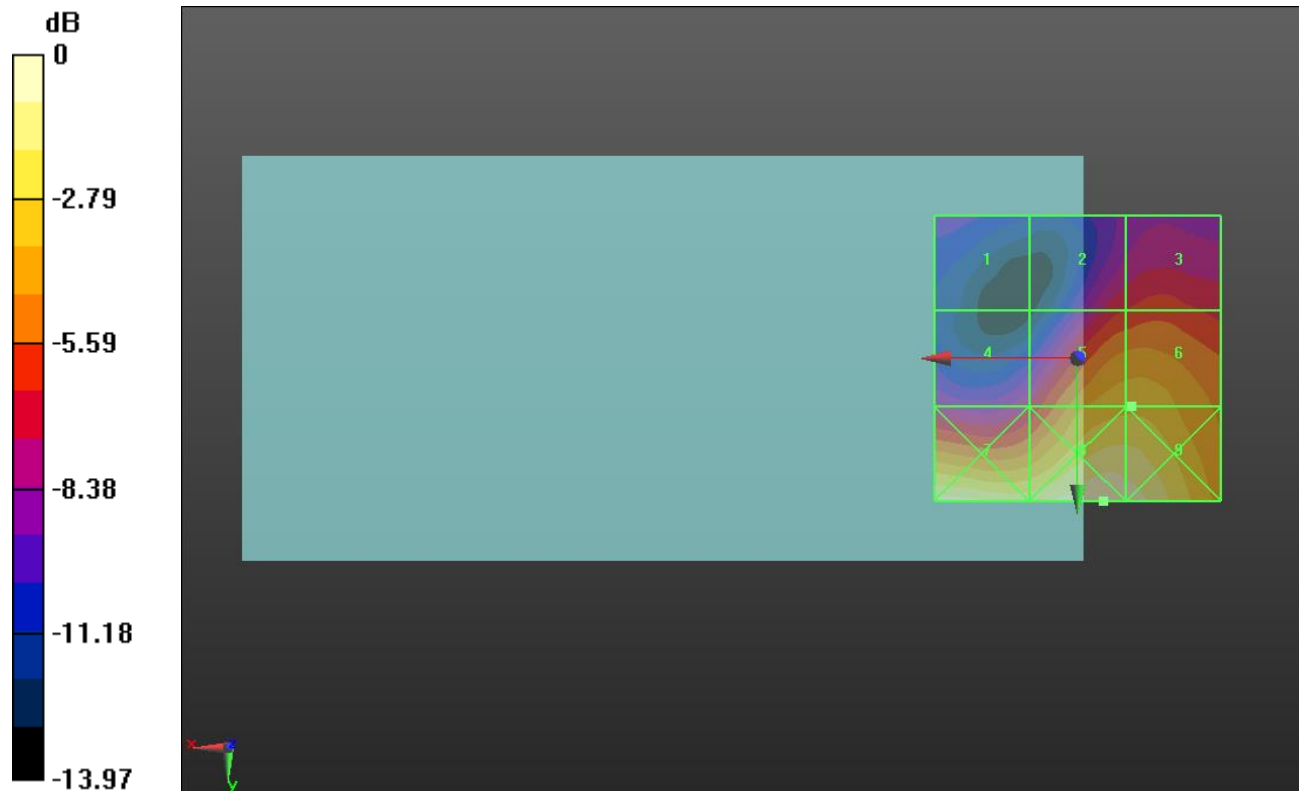
Applied MIF = -1.44 dB

RF audio interference level = 24.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.27 dBV/m	Grid 2 M4 20.72 dBV/m	Grid 3 M4 21.24 dBV/m
Grid 4 M4 19.83 dBV/m	Grid 5 M4 24.17 dBV/m	Grid 6 M4 24.18 dBV/m
Grid 7 M4 26.67 dBV/m	Grid 8 M4 27.18 dBV/m	Grid 9 M4 26.86 dBV/m



0 dB = 22.85 V/m = 27.18 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.34 V/m; Power Drift = -0.11 dB

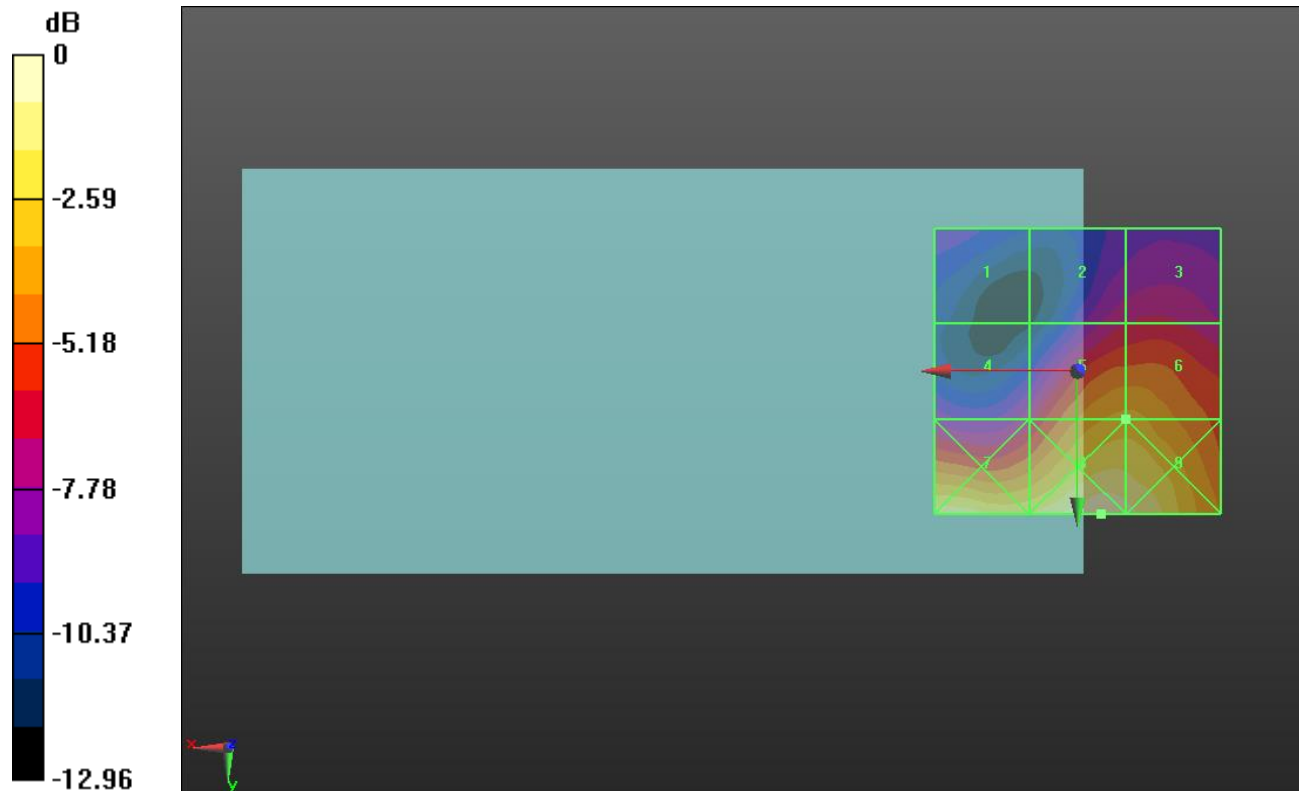
Applied MIF = -1.44 dB

RF audio interference level = 24.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.15 dBV/m	Grid 2 M4 20.88 dBV/m	Grid 3 M4 21.15 dBV/m
Grid 4 M4 20.71 dBV/m	Grid 5 M4 24.68 dBV/m	Grid 6 M4 24.68 dBV/m
Grid 7 M4 26.76 dBV/m	Grid 8 M4 27.81 dBV/m	Grid 9 M4 27.32 dBV/m



0 dB = 24.58 V/m = 27.81 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 = 24.00 V/m; Power Drift = -0.05 dB

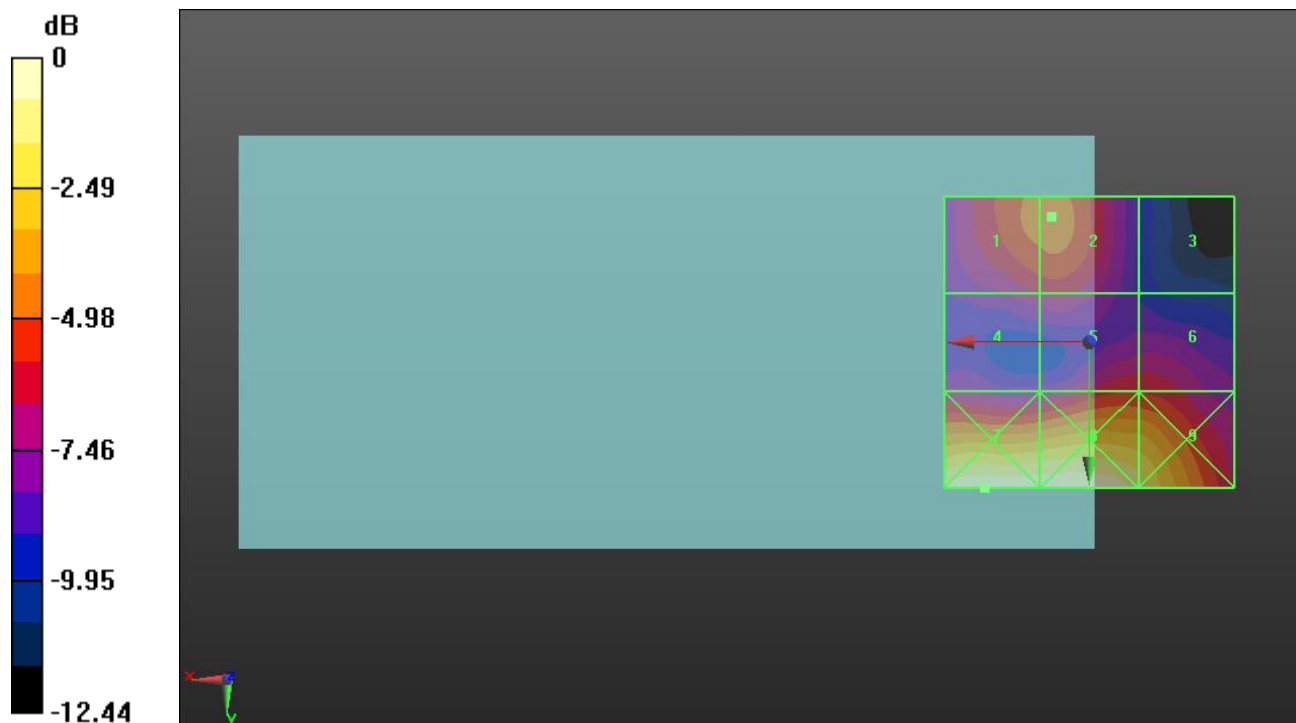
Applied MIF = -1.44 dB

RF audio interference level = 26.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.29 dBV/m	Grid 2 M4 26.37 dBV/m	Grid 3 M4 21.75 dBV/m
Grid 4 M4 24.29 dBV/m	Grid 5 M4 25.14 dBV/m	Grid 6 M4 25.11 dBV/m
Grid 7 M3 30.89 dBV/m	Grid 8 M3 30.77 dBV/m	Grid 9 M4 29.56 dBV/m



0 dB = 35.03 V/m = 30.89 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.22 V/m; Power Drift = 0.00 dB

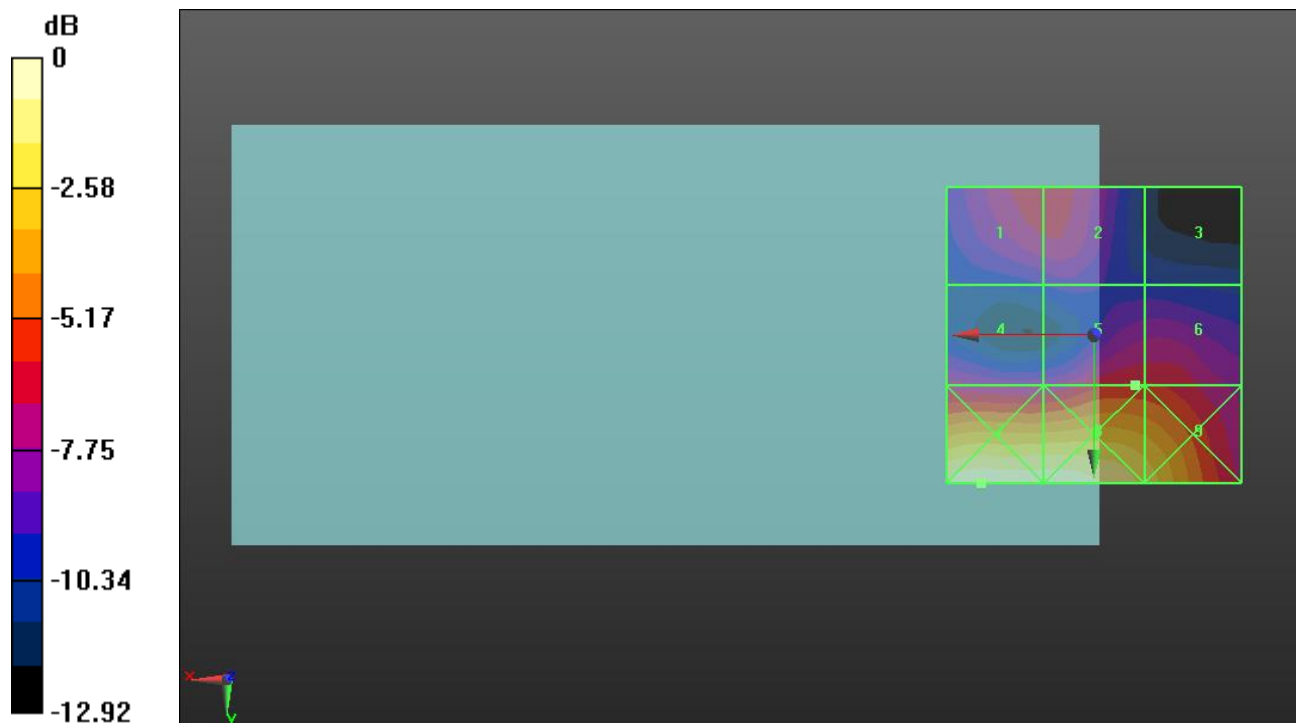
Applied MIF = -1.44 dB

RF audio interference level = 25.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.89 dBV/m	Grid 2 M4 24.9 dBV/m	Grid 3 M4 21.29 dBV/m
Grid 4 M4 24.04 dBV/m	Grid 5 M4 25.49 dBV/m	Grid 6 M4 25.47 dBV/m
Grid 7 M3 31.33 dBV/m	Grid 8 M3 31.12 dBV/m	Grid 9 M4 29.38 dBV/m



0 dB = 36.85 V/m = 31.33 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 = 23.95 V/m; Power Drift = -0.17 dB

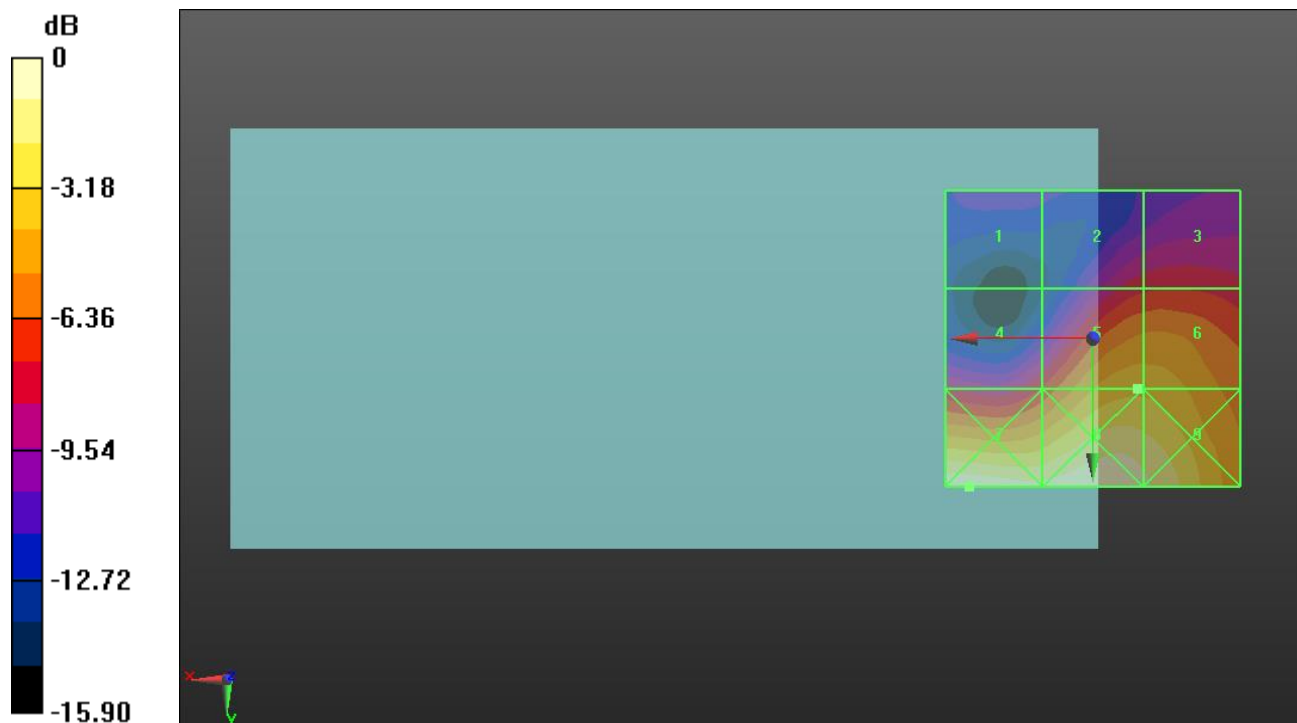
Applied MIF = -1.44 dB

RF audio interference level = 26.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.67 dBV/m	Grid 2 M4 21.87 dBV/m	Grid 3 M4 22.11 dBV/m
Grid 4 M4 22.3 dBV/m	Grid 5 M4 26.12 dBV/m	Grid 6 M4 26.1 dBV/m
Grid 7 M4 29.53 dBV/m	Grid 8 M4 29.38 dBV/m	Grid 9 M4 28.71 dBV/m



0 dB = 29.95 V/m = 29.53 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 = 25.72 V/m; Power Drift = 0.05 dB

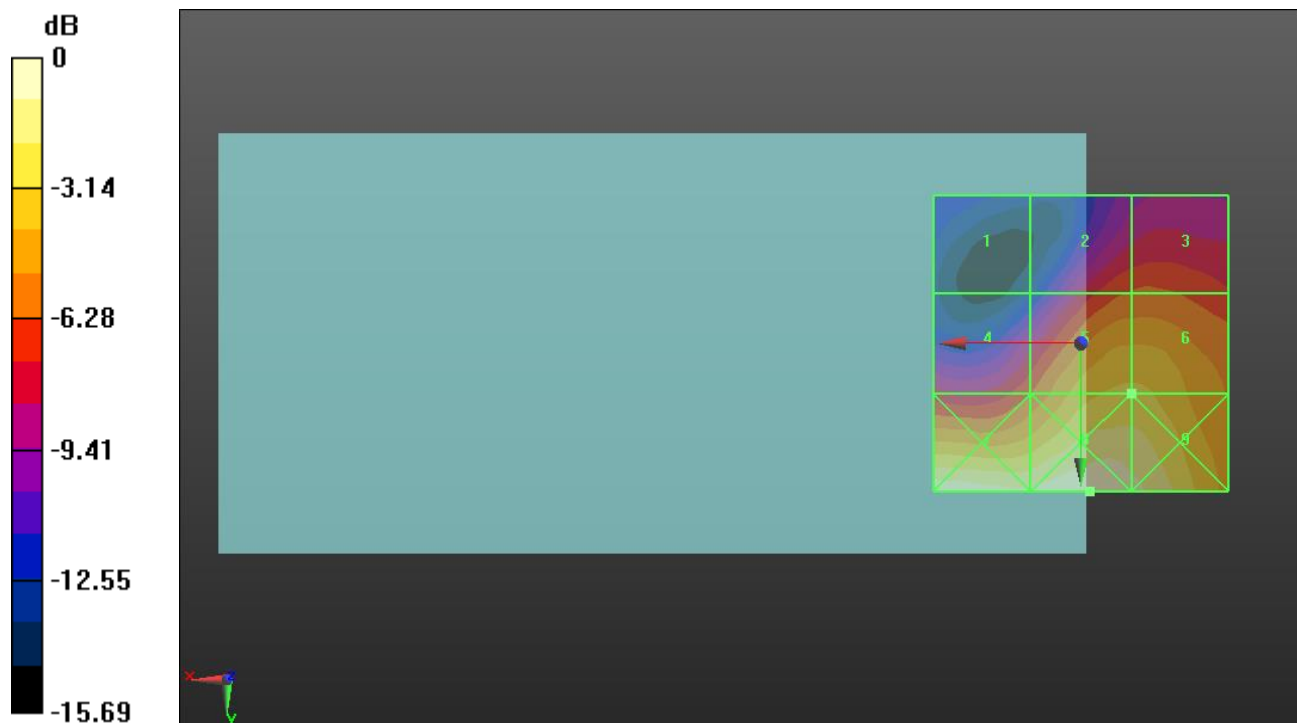
Applied MIF = -1.44 dB

RF audio interference level = 26.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.85 dBV/m	Grid 2 M4 23.09 dBV/m	Grid 3 M4 23.24 dBV/m
Grid 4 M4 23.01 dBV/m	Grid 5 M4 26.4 dBV/m	Grid 6 M4 26.4 dBV/m
Grid 7 M4 29.08 dBV/m	Grid 8 M4 29.25 dBV/m	Grid 9 M4 28.63 dBV/m



0 dB = 28.99 V/m = 29.24 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.22 V/m; Power Drift = -0.13 dB

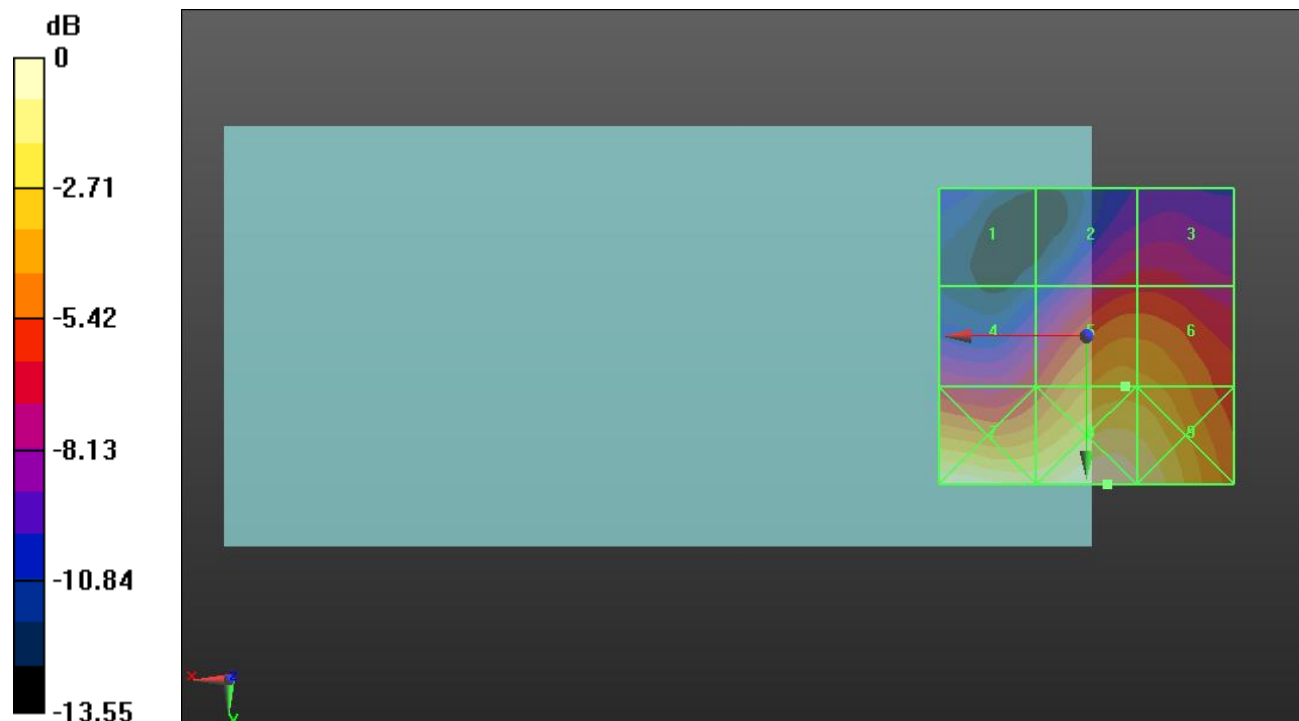
Applied MIF = -1.44 dB

RF audio interference level = 26.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.31 dBV/m	Grid 2 M4 22.75 dBV/m	Grid 3 M4 22.79 dBV/m
Grid 4 M4 23.22 dBV/m	Grid 5 M4 26.23 dBV/m	Grid 6 M4 26.17 dBV/m
Grid 7 M4 29.24 dBV/m	Grid 8 M4 29.32 dBV/m	Grid 9 M4 28.73 dBV/m



0 dB = 29.26 V/m = 29.33 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 = 26.18 V/m; Power Drift = -0.15 dB

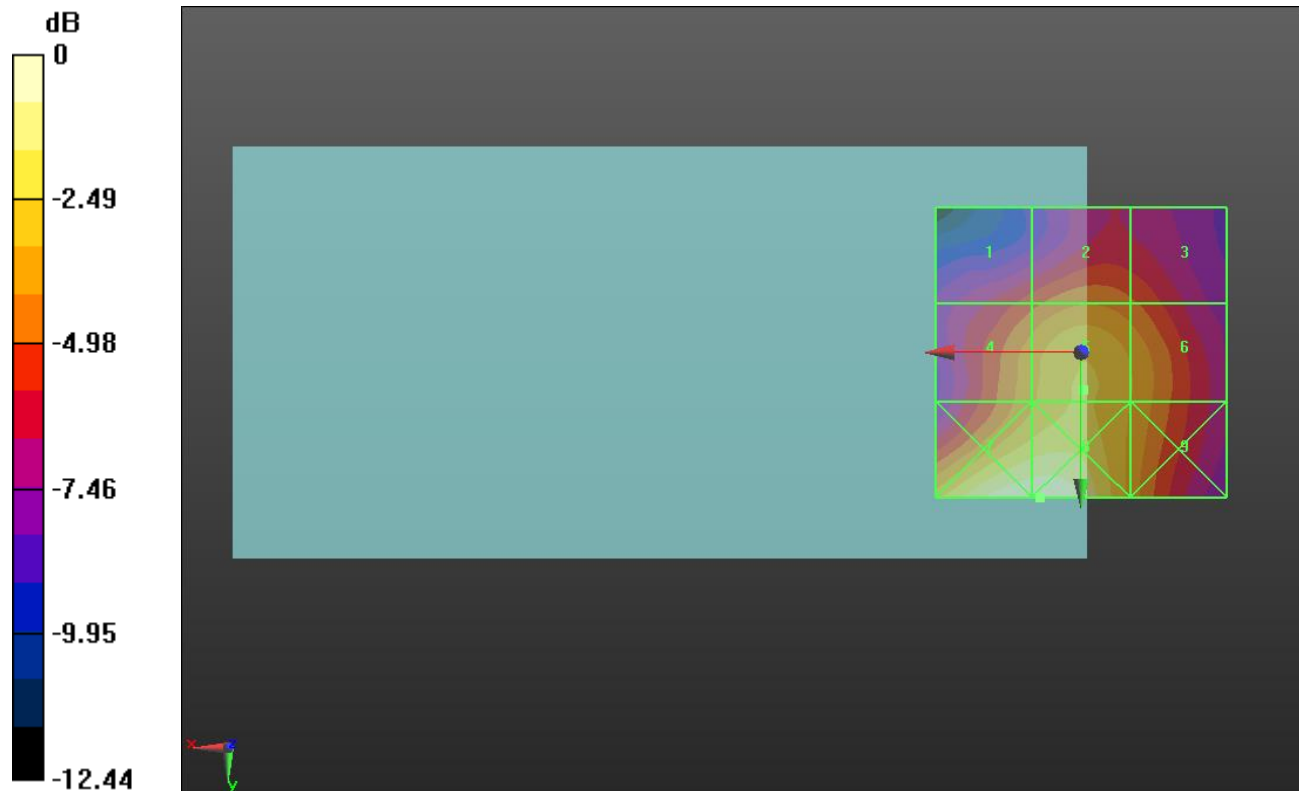
Applied MIF = -1.44 dB

RF audio interference level = 24.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.21 dBV/m	Grid 2 M4 22.3 dBV/m	Grid 3 M4 21.71 dBV/m
Grid 4 M4 23.05 dBV/m	Grid 5 M4 24.09 dBV/m	Grid 6 M4 23.25 dBV/m
Grid 7 M4 26.44 dBV/m	Grid 8 M4 26.48 dBV/m	Grid 9 M4 23.16 dBV/m



0 dB = 21.08 V/m = 26.48 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 = 33.85 V/m; Power Drift = -0.06 dB

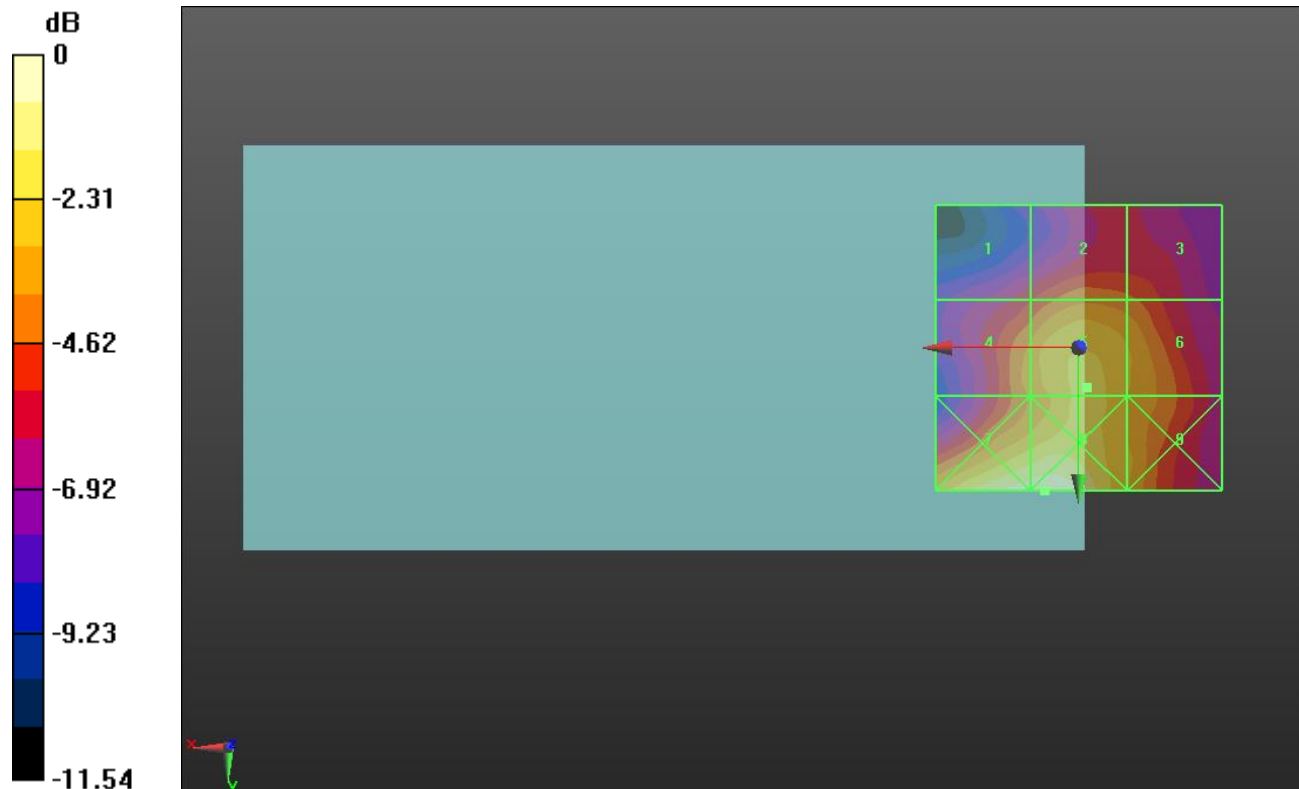
Applied MIF = -1.44 dB

RF audio interference level = 26.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.78 dBV/m	Grid 2 M4 24.24 dBV/m	Grid 3 M4 23.84 dBV/m
Grid 4 M4 24.84 dBV/m	Grid 5 M4 26.15 dBV/m	Grid 6 M4 25.32 dBV/m
Grid 7 M4 28 dBV/m	Grid 8 M4 28.25 dBV/m	Grid 9 M4 25.37 dBV/m



0 dB = 25.86 V/m = 28.25 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.86 V/m; Power Drift = 0.03 dB

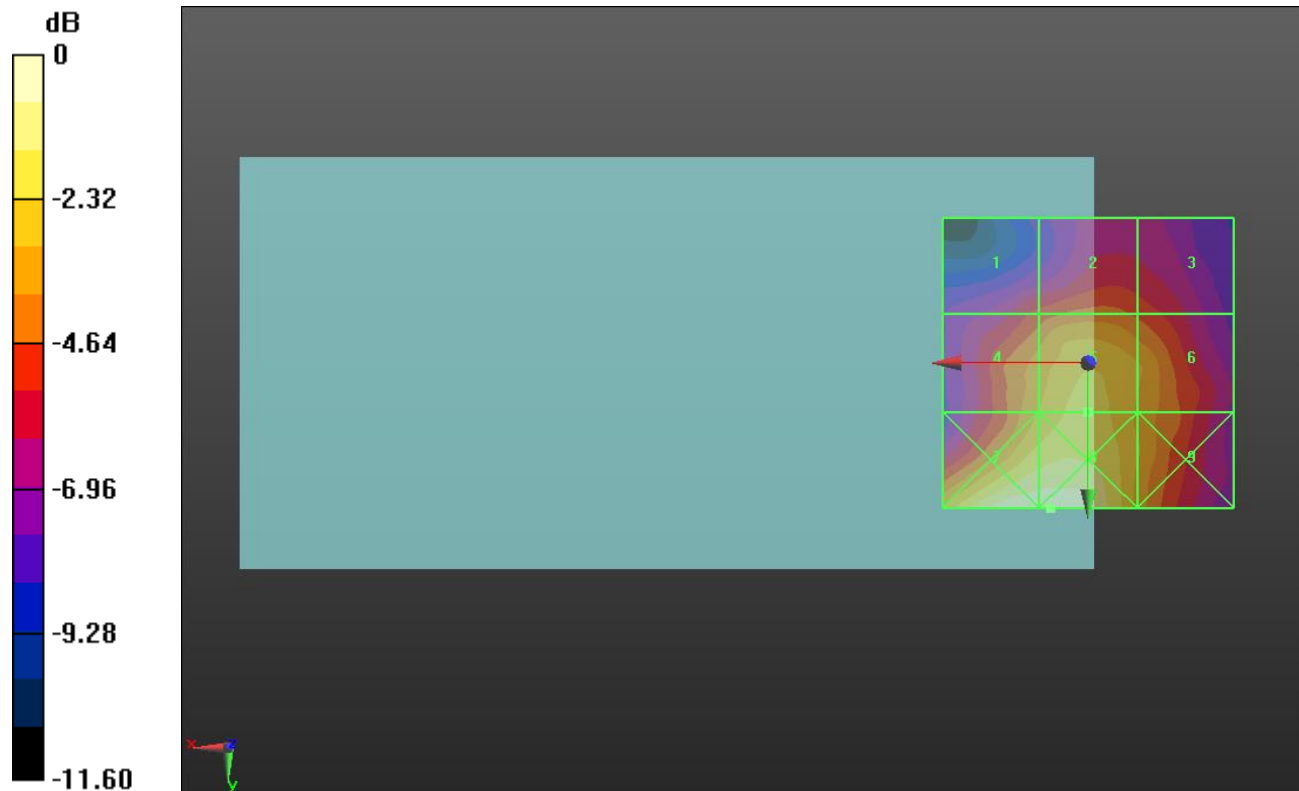
Applied MIF = -1.44 dB

RF audio interference level = 26.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.14 dBV/m	Grid 2 M4 23.98 dBV/m	Grid 3 M4 23.45 dBV/m
Grid 4 M4 25.22 dBV/m	Grid 5 M4 26.24 dBV/m	Grid 6 M4 25.3 dBV/m
Grid 7 M4 28.17 dBV/m	Grid 8 M4 28.26 dBV/m	Grid 9 M4 25.26 dBV/m



0 dB = 25.87 V/m = 28.26 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 = 33.11 V/m; Power Drift = -0.03 dB

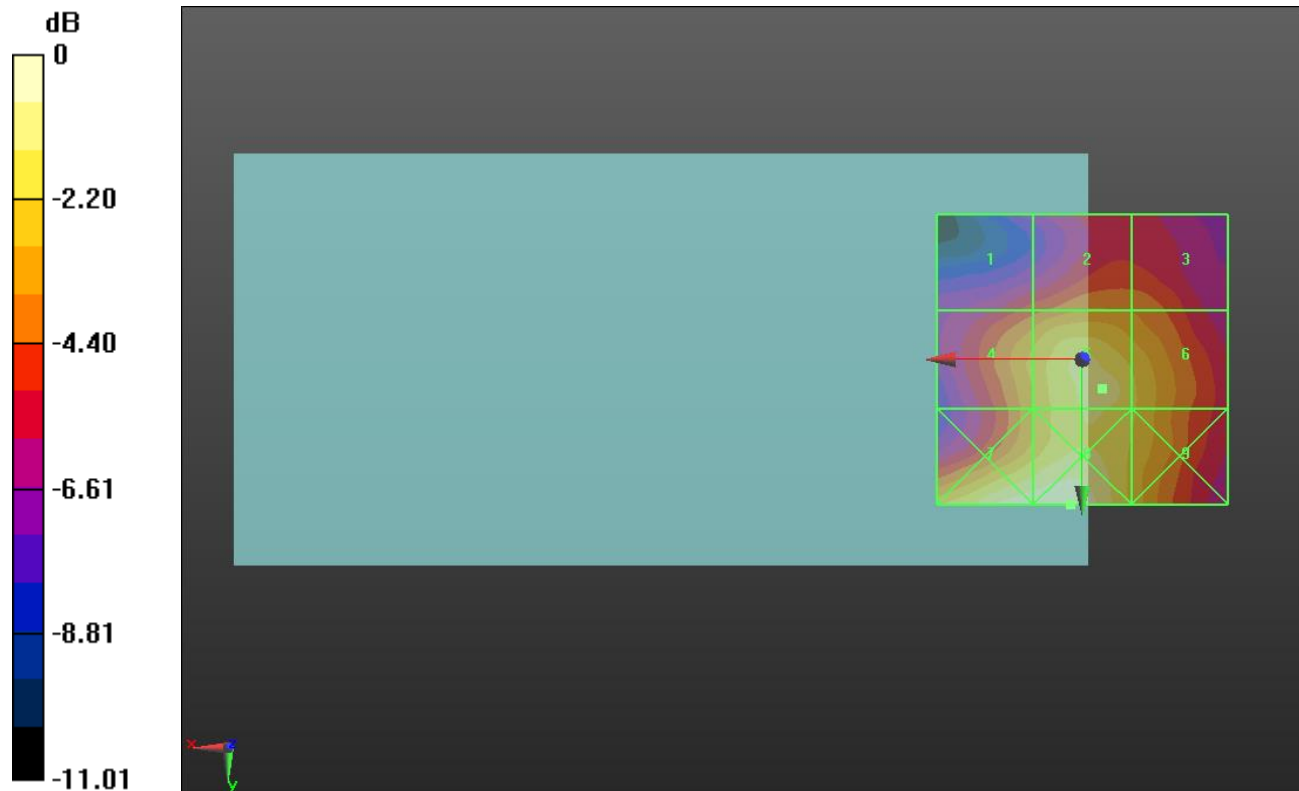
Applied MIF = -1.44 dB

RF audio interference level = 26.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.61 dBV/m	Grid 2 M4 23.75 dBV/m	Grid 3 M4 23.59 dBV/m
Grid 4 M4 24.63 dBV/m	Grid 5 M4 26.14 dBV/m	Grid 6 M4 25.3 dBV/m
Grid 7 M4 27.18 dBV/m	Grid 8 M4 27.29 dBV/m	Grid 9 M4 25.24 dBV/m



0 dB = 23.15 V/m = 27.29 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 = 28.31 V/m; Power Drift = -0.18 dB

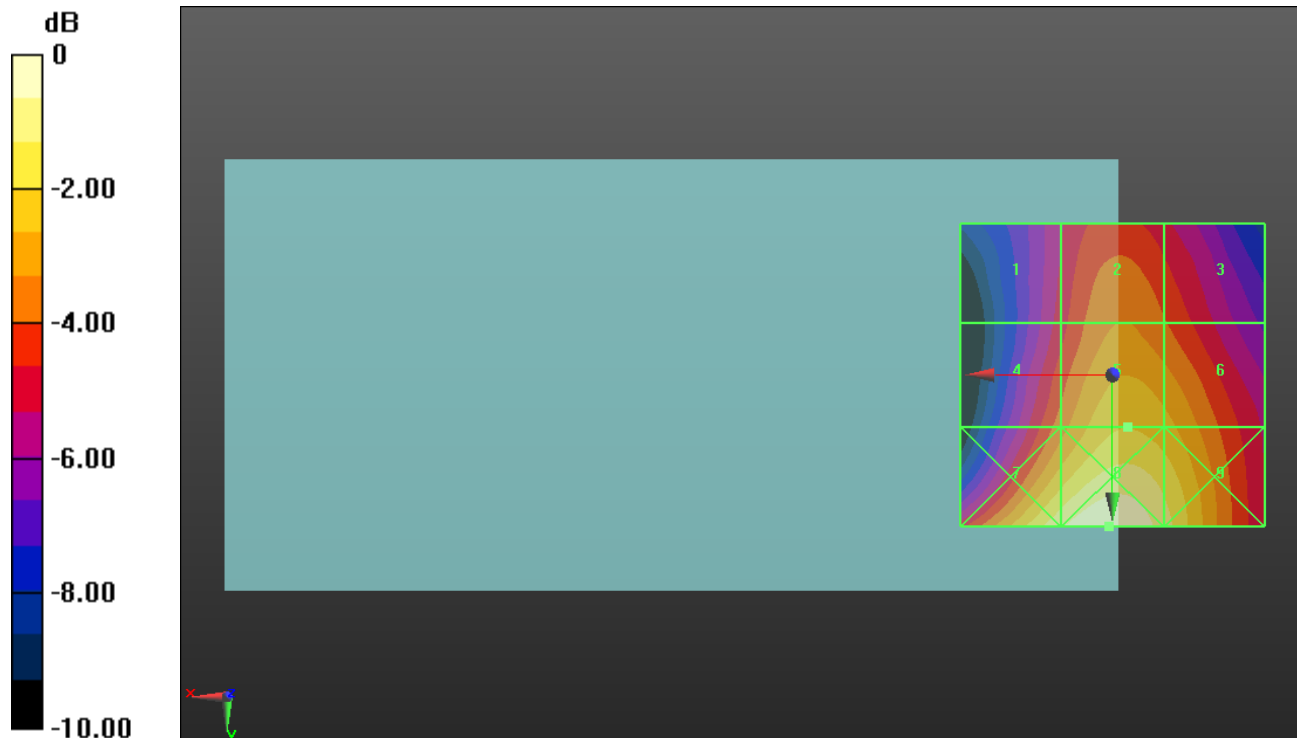
Applied MIF = -2.02 dB

RF audio interference level = 24.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.83 dBV/m	Grid 2 M4 23.47 dBV/m	Grid 3 M4 22.86 dBV/m
Grid 4 M4 23.16 dBV/m	Grid 5 M4 24.75 dBV/m	Grid 6 M4 24.37 dBV/m
Grid 7 M4 26.03 dBV/m	Grid 8 M4 26.76 dBV/m	Grid 9 M4 25.74 dBV/m



0 dB = 21.79 V/m = 26.77 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 = 26.45 V/m; Power Drift = 0.16 dB

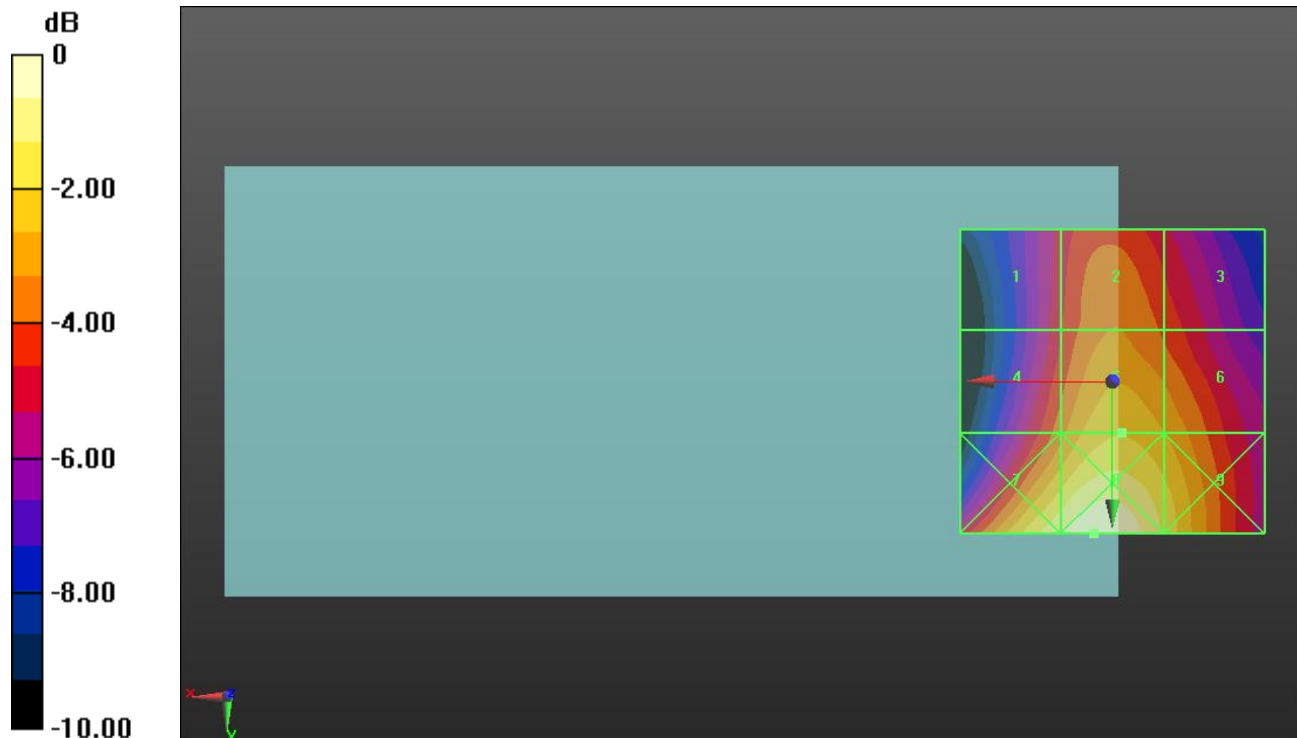
Applied MIF = -2.02 dB

RF audio interference level = 24.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.84 dBV/m	Grid 2 M4 23.23 dBV/m	Grid 3 M4 22.4 dBV/m
Grid 4 M4 22.98 dBV/m	Grid 5 M4 24.5 dBV/m	Grid 6 M4 23.89 dBV/m
Grid 7 M4 25.87 dBV/m	Grid 8 M4 26.53 dBV/m	Grid 9 M4 25.09 dBV/m



0 dB = 21.20 V/m = 26.53 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.70 V/m; Power Drift = 0.07 dB

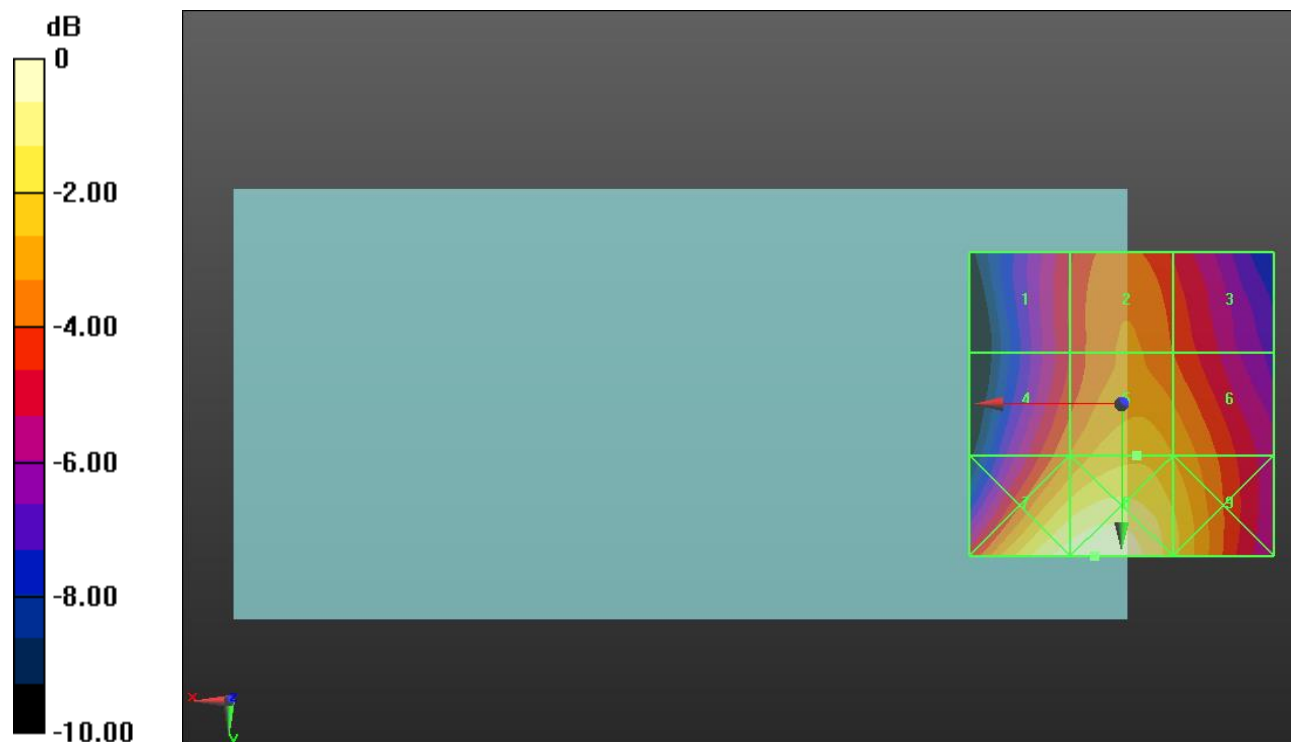
Applied MIF = -2.02 dB

RF audio interference level = 23.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.76 dBV/m	Grid 2 M4 22.06 dBV/m	Grid 3 M4 21.31 dBV/m
Grid 4 M4 22.04 dBV/m	Grid 5 M4 23.18 dBV/m	Grid 6 M4 22.63 dBV/m
Grid 7 M4 25.02 dBV/m	Grid 8 M4 25.3 dBV/m	Grid 9 M4 23.56 dBV/m



0 dB = 18.41 V/m = 25.30 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 = 24.50 V/m; Power Drift = -0.04 dB

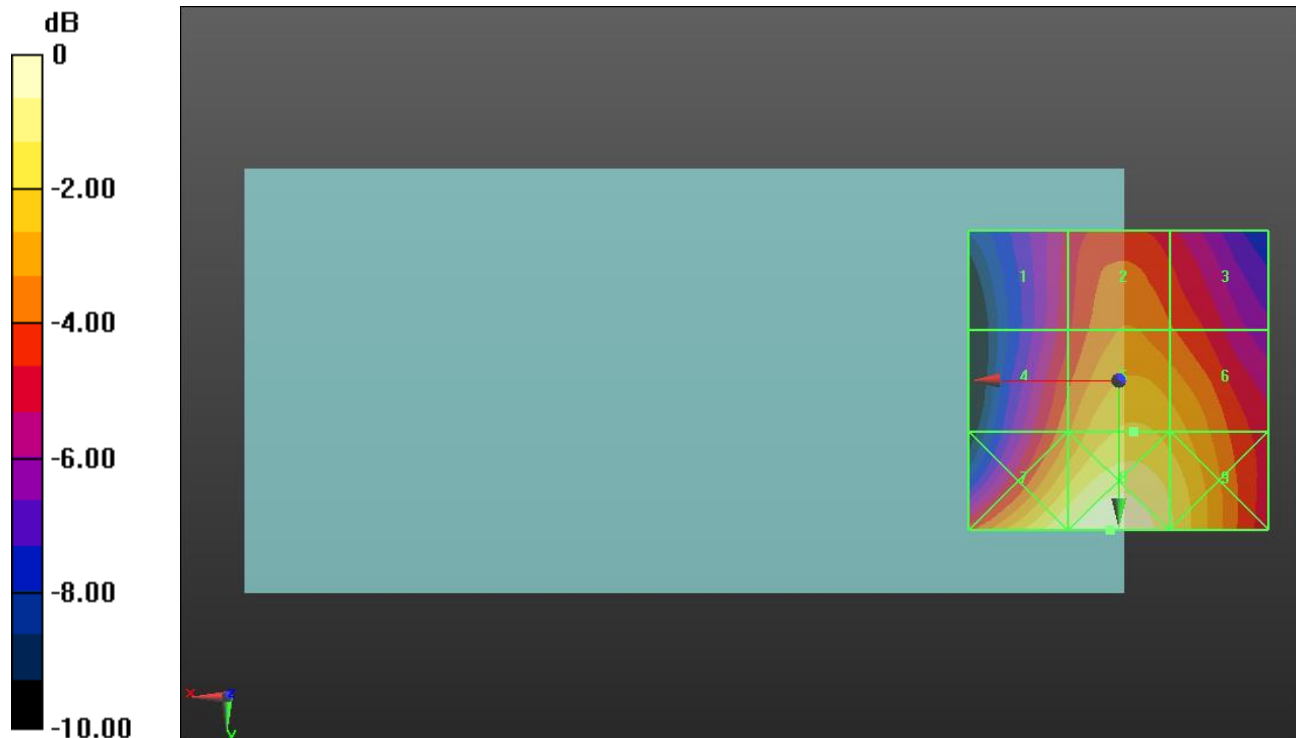
Applied MIF = 0.12 dB

RF audio interference level = 25.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23 dBV/m	Grid 2 M4 24.5 dBV/m	Grid 3 M4 23.9 dBV/m
Grid 4 M4 24.35 dBV/m	Grid 5 M4 25.91 dBV/m	Grid 6 M4 25.52 dBV/m
Grid 7 M4 27.19 dBV/m	Grid 8 M4 27.77 dBV/m	Grid 9 M4 26.59 dBV/m



0 dB = 24.47 V/m = 27.77 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.68 V/m; Power Drift = 0.05 dB

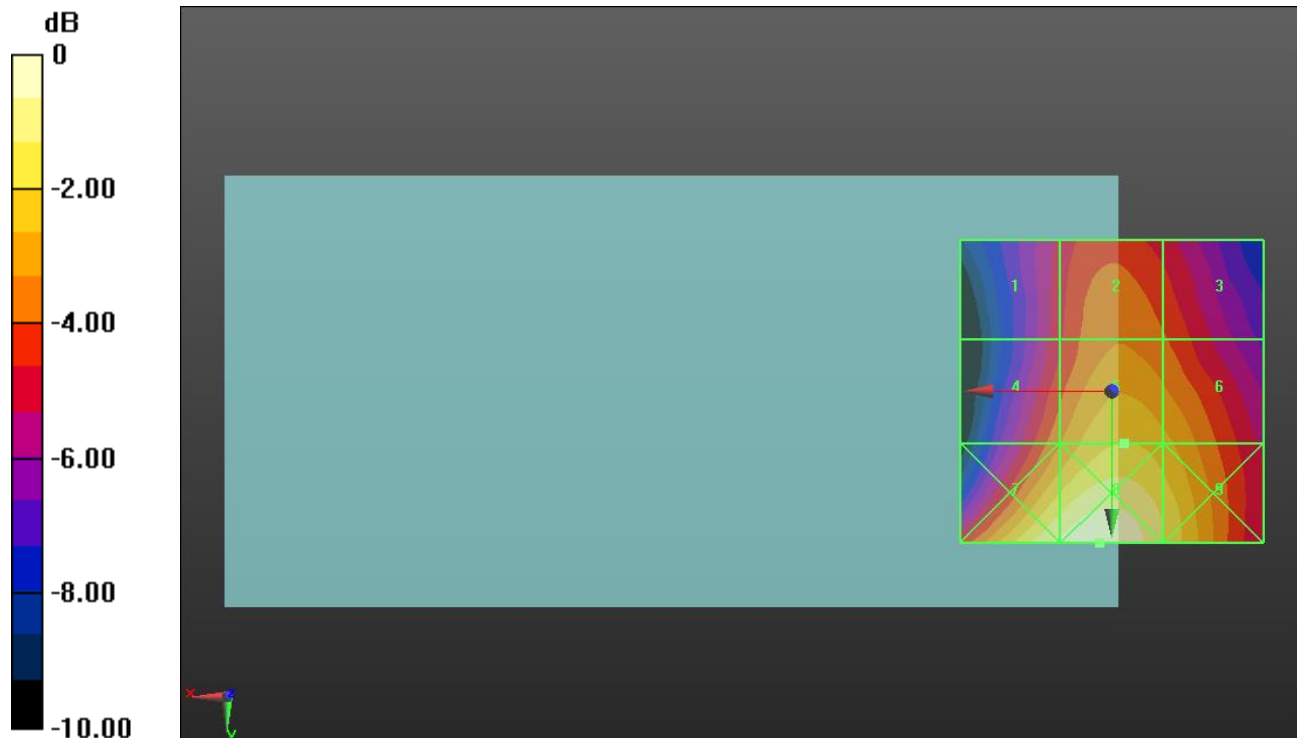
Applied MIF = 0.12 dB

RF audio interference level = 25.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.83 dBV/m	Grid 2 M4 24.21 dBV/m	Grid 3 M4 23.67 dBV/m
Grid 4 M4 24.21 dBV/m	Grid 5 M4 25.59 dBV/m	Grid 6 M4 25.14 dBV/m
Grid 7 M4 27.1 dBV/m	Grid 8 M4 27.56 dBV/m	Grid 9 M4 26.23 dBV/m



0 dB = 23.89 V/m = 27.56 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.57 V/m; Power Drift = 0.09 dB

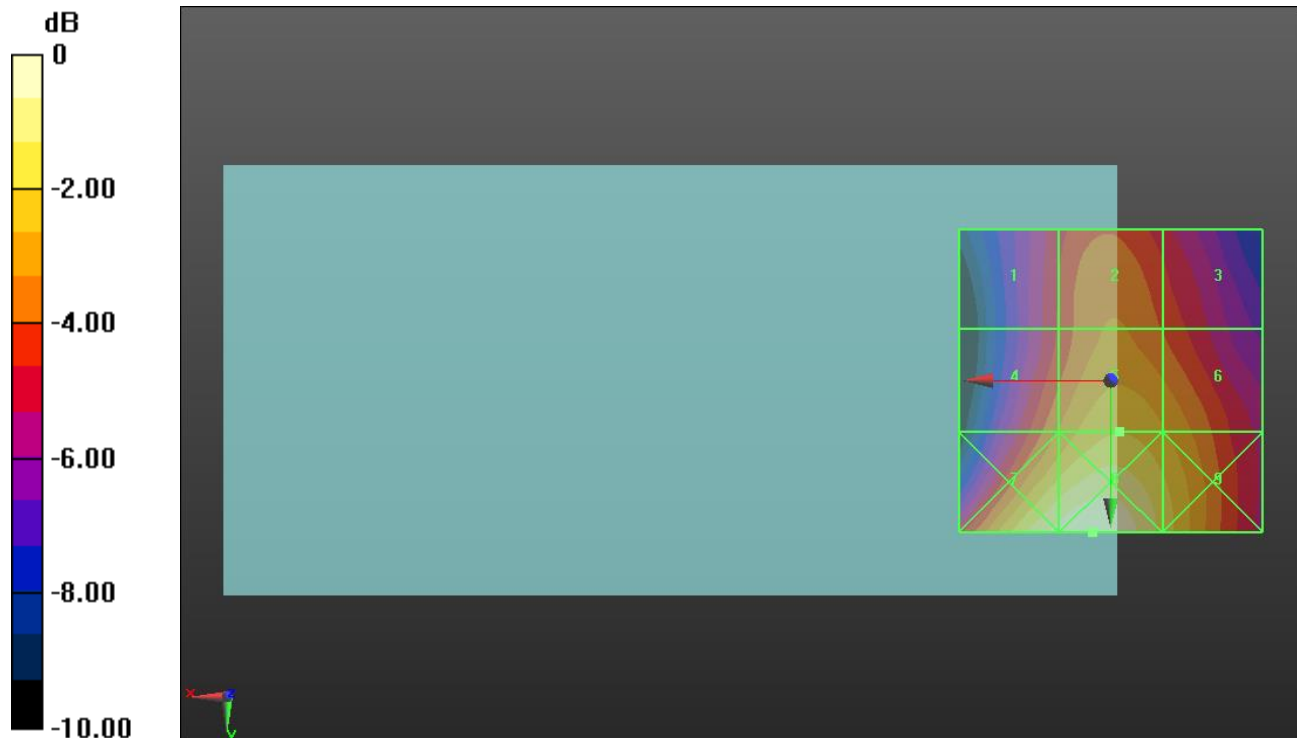
Applied MIF = 0.12 dB

RF audio interference level = 26.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.67 dBV/m	Grid 2 M4 24.93 dBV/m	Grid 3 M4 24.16 dBV/m
Grid 4 M4 24.96 dBV/m	Grid 5 M4 26.18 dBV/m	Grid 6 M4 25.64 dBV/m
Grid 7 M4 27.83 dBV/m	Grid 8 M4 28.19 dBV/m	Grid 9 M4 26.64 dBV/m



0 dB = 25.67 V/m = 28.19 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 = 8.037 V/m; Power Drift = 0.03 dB

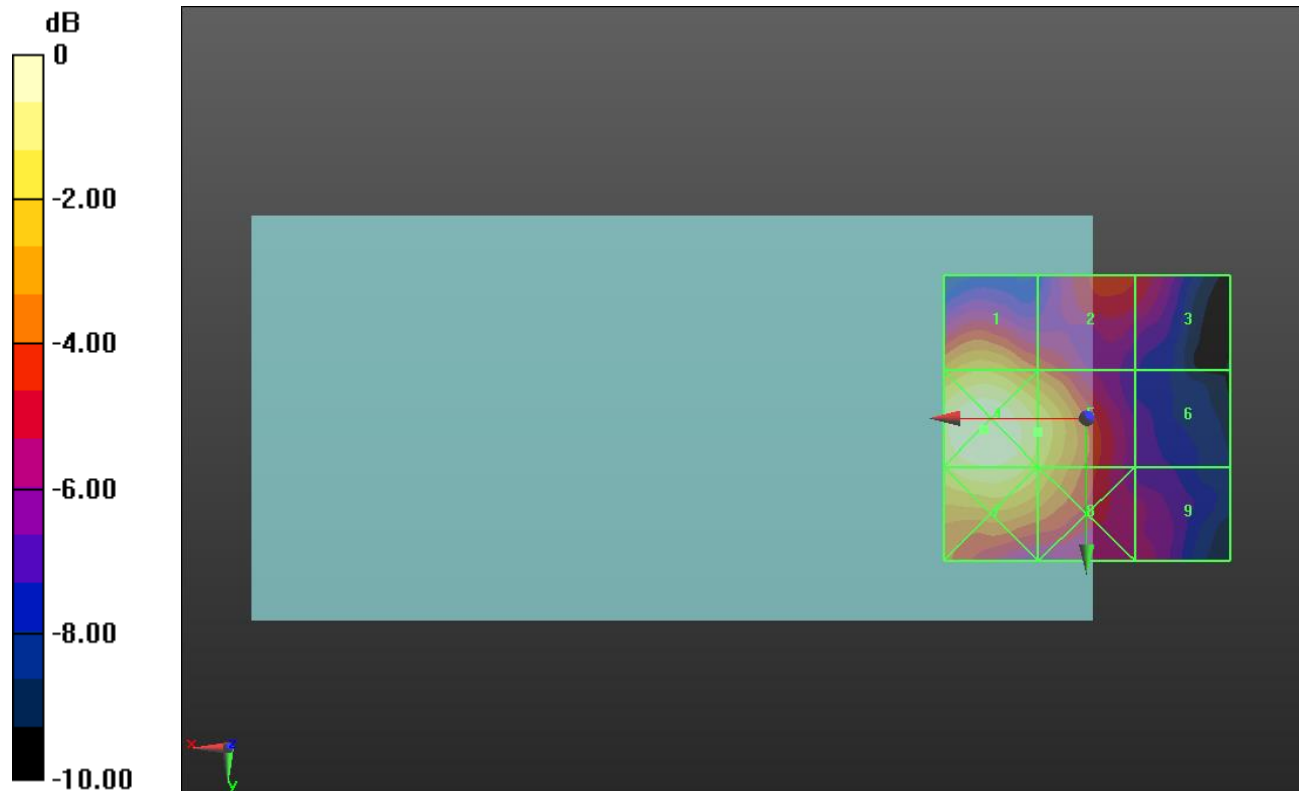
Applied MIF = -3.15 dB

RF audio interference level = 17.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.58 dBV/m	Grid 2 M4 14.72 dBV/m	Grid 3 M4 13.97 dBV/m
Grid 4 M4 18.62 dBV/m	Grid 5 M4 17.31 dBV/m	Grid 6 M4 12.07 dBV/m
Grid 7 M4 17.94 dBV/m	Grid 8 M4 16.83 dBV/m	Grid 9 M4 13.27 dBV/m



0 dB = 8.529 V/m = 18.62 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 = 8.070 V/m; Power Drift = -0.03 dB

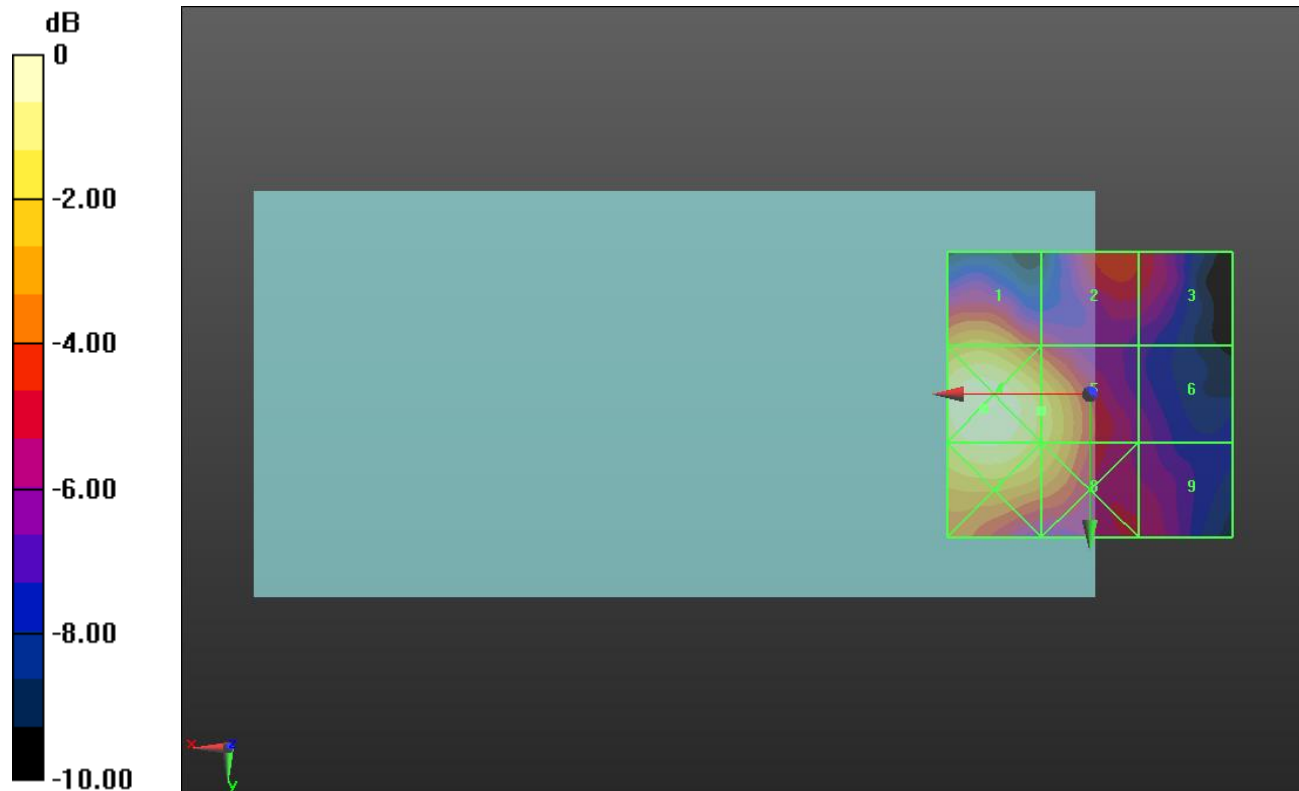
Applied MIF = -3.15 dB

RF audio interference level = 16.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.17 dBV/m	Grid 2 M4 14.16 dBV/m	Grid 3 M4 13.77 dBV/m
Grid 4 M4 18.42 dBV/m	Grid 5 M4 16.93 dBV/m	Grid 6 M4 12.26 dBV/m
Grid 7 M4 17.89 dBV/m	Grid 8 M4 16.66 dBV/m	Grid 9 M4 13.14 dBV/m



0 dB = 8.334 V/m = 18.42 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 = 8.171 V/m; Power Drift = -0.06 dB

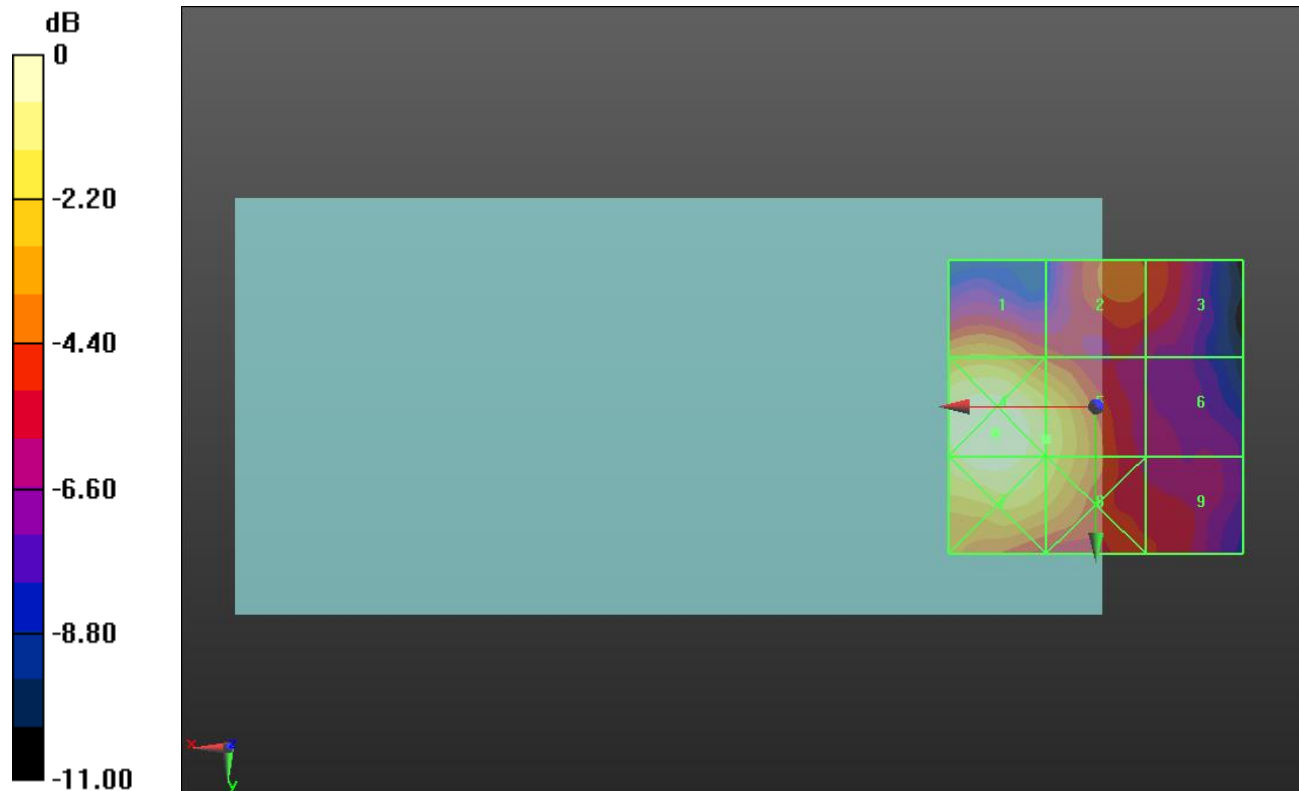
Applied MIF = -3.15 dB

RF audio interference level = 16.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.47 dBV/m	Grid 2 M4 14.11 dBV/m	Grid 3 M4 13.8 dBV/m
Grid 4 M4 18.15 dBV/m	Grid 5 M4 16.77 dBV/m	Grid 6 M4 12.06 dBV/m
Grid 7 M4 17.84 dBV/m	Grid 8 M4 16.58 dBV/m	Grid 9 M4 13.17 dBV/m



0 dB = 8.082 V/m = 18.15 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 = 7.925 V/m; Power Drift = 0.02 dB

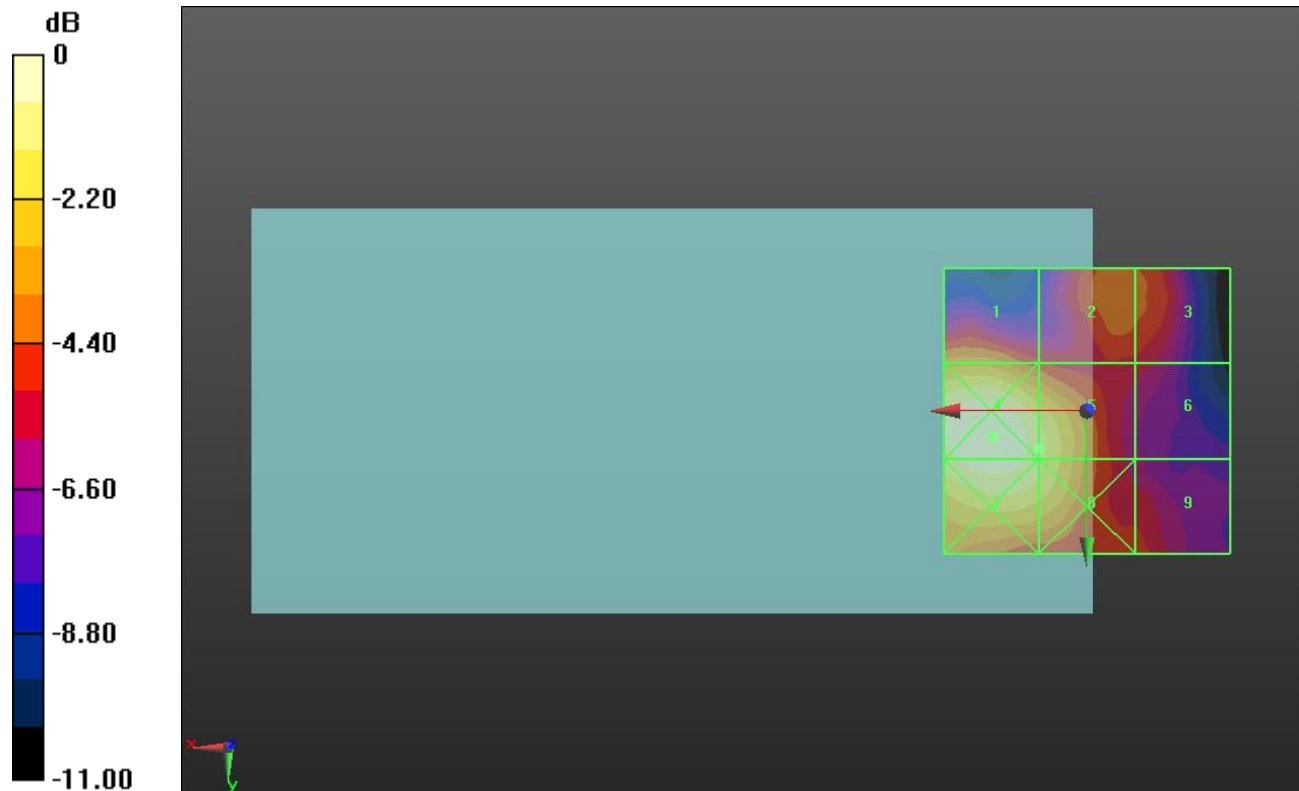
Applied MIF = -3.15 dB

RF audio interference level = 16.81 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.79 dBV/m	Grid 2 M4 14.09 dBV/m	Grid 3 M4 13.91 dBV/m
Grid 4 M4 17.93 dBV/m	Grid 5 M4 16.81 dBV/m	Grid 6 M4 12.6 dBV/m
Grid 7 M4 17.59 dBV/m	Grid 8 M4 16.73 dBV/m	Grid 9 M4 13.16 dBV/m



0 dB = 7.881 V/m = 17.93 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 = 7.944 V/m; Power Drift = 0.12 dB

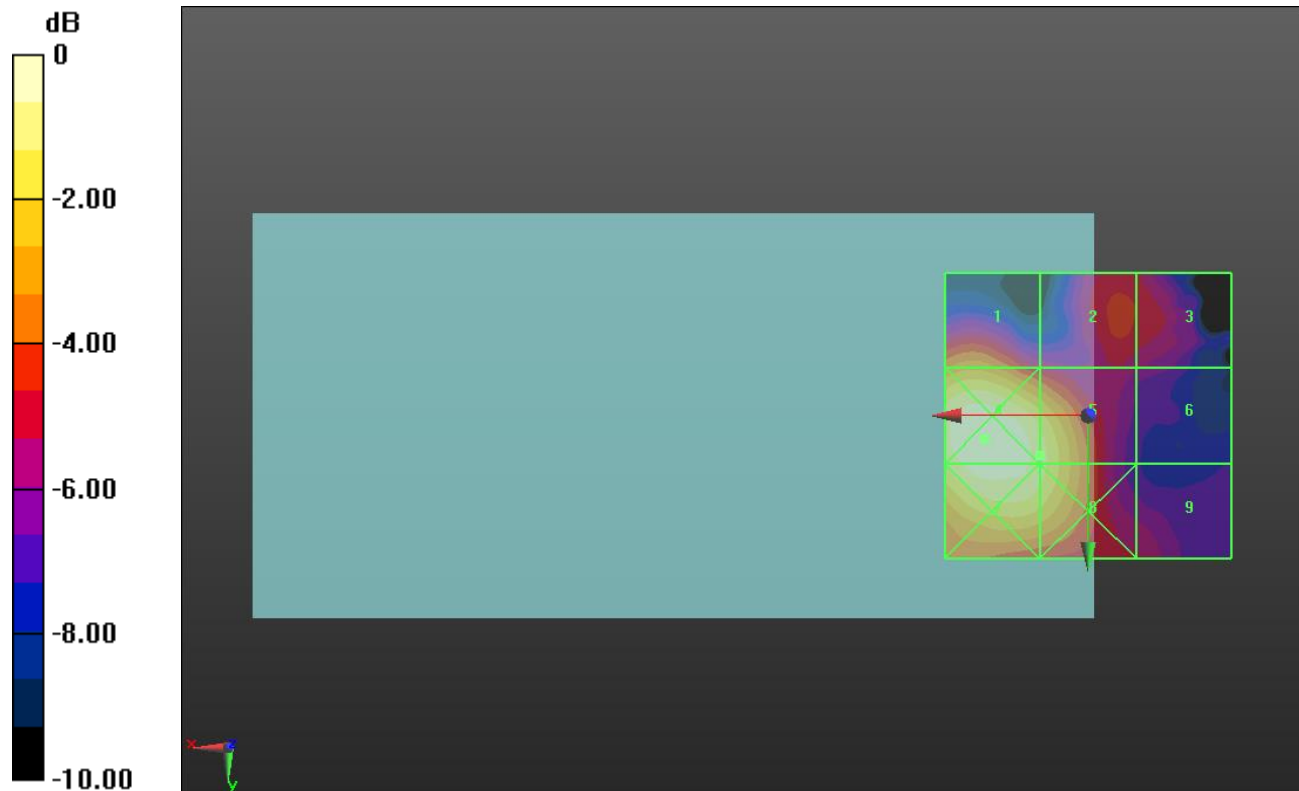
Applied MIF = -3.15 dB

RF audio interference level = 17.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.3 dBV/m	Grid 2 M4 13.68 dBV/m	Grid 3 M4 13.46 dBV/m
Grid 4 M4 18.13 dBV/m	Grid 5 M4 17.15 dBV/m	Grid 6 M4 12.29 dBV/m
Grid 7 M4 17.84 dBV/m	Grid 8 M4 17.11 dBV/m	Grid 9 M4 12.92 dBV/m



0 dB = 8.063 V/m = 18.13 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 60/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.590 V/m; Power Drift = 0.11 dB

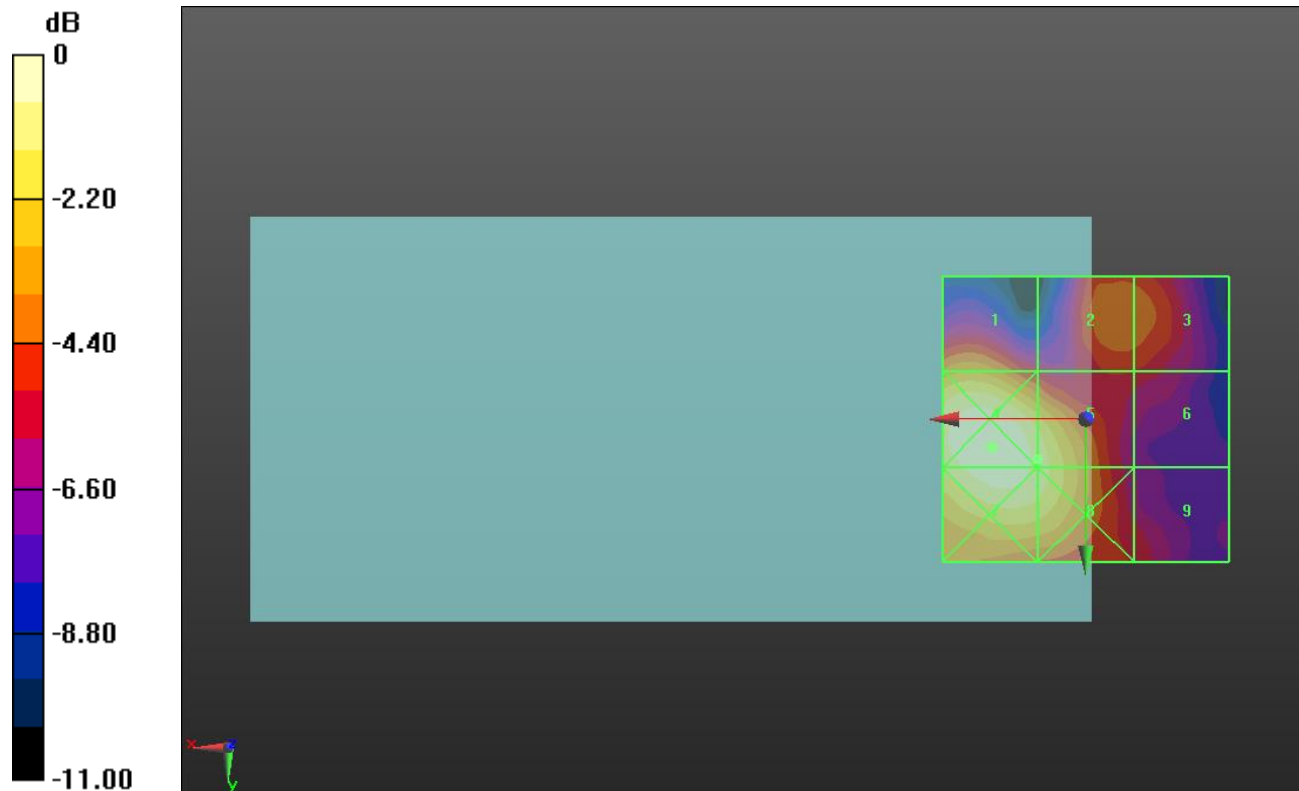
Applied MIF = -3.15 dB

RF audio interference level = 16.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.96 dBV/m	Grid 2 M4 14.2 dBV/m	Grid 3 M4 14.06 dBV/m
Grid 4 M4 17.89 dBV/m	Grid 5 M4 16.94 dBV/m	Grid 6 M4 12.75 dBV/m
Grid 7 M4 17.67 dBV/m	Grid 8 M4 16.91 dBV/m	Grid 9 M4 12.62 dBV/m



0 dB = 7.840 V/m = 17.89 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 104/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.141 V/m; Power Drift = 0.27 dB

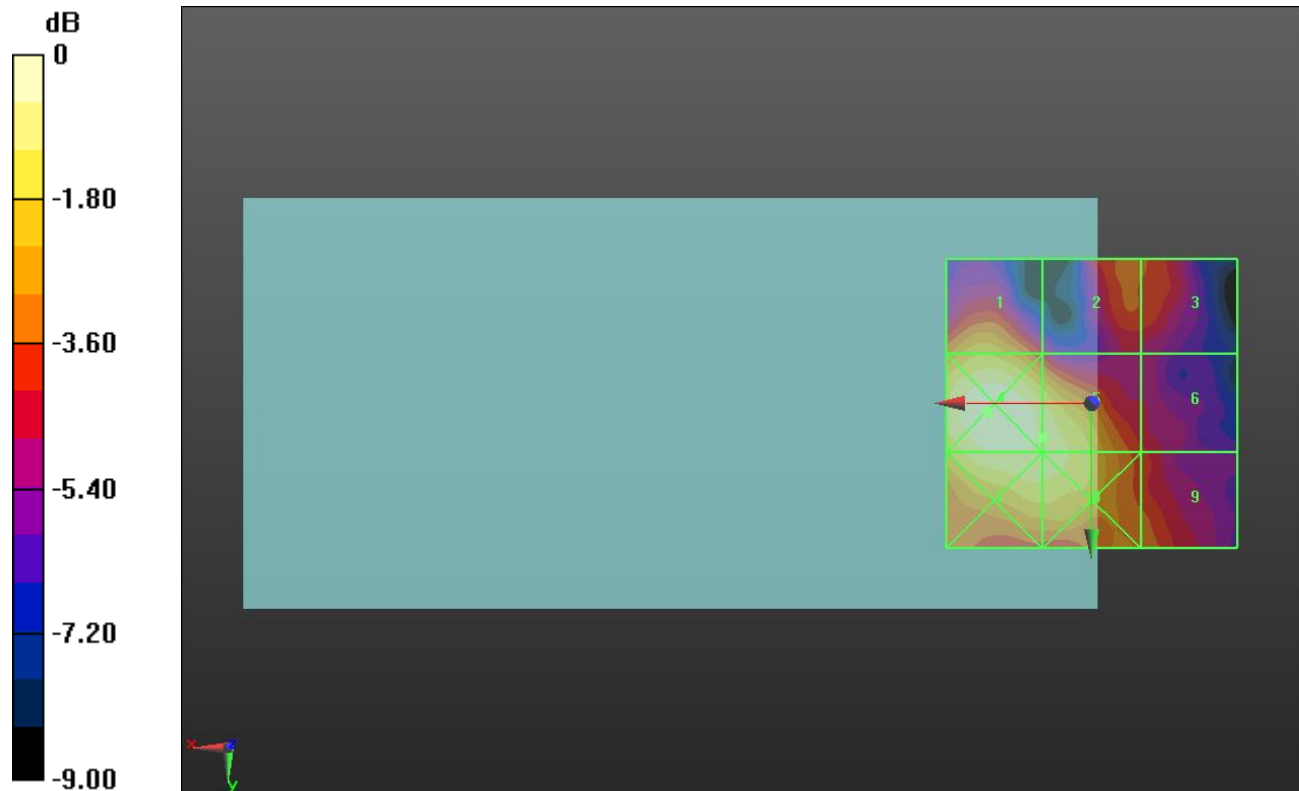
Applied MIF = -3.15 dB

RF audio interference level = 14.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.02 dBV/m	Grid 2 M4 11.59 dBV/m	Grid 3 M4 11.39 dBV/m
Grid 4 M4 14.81 dBV/m	Grid 5 M4 14.11 dBV/m	Grid 6 M4 10.81 dBV/m
Grid 7 M4 14.23 dBV/m	Grid 8 M4 14.03 dBV/m	Grid 9 M4 11.69 dBV/m



HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 124/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.402 V/m; Power Drift = 0.17 dB

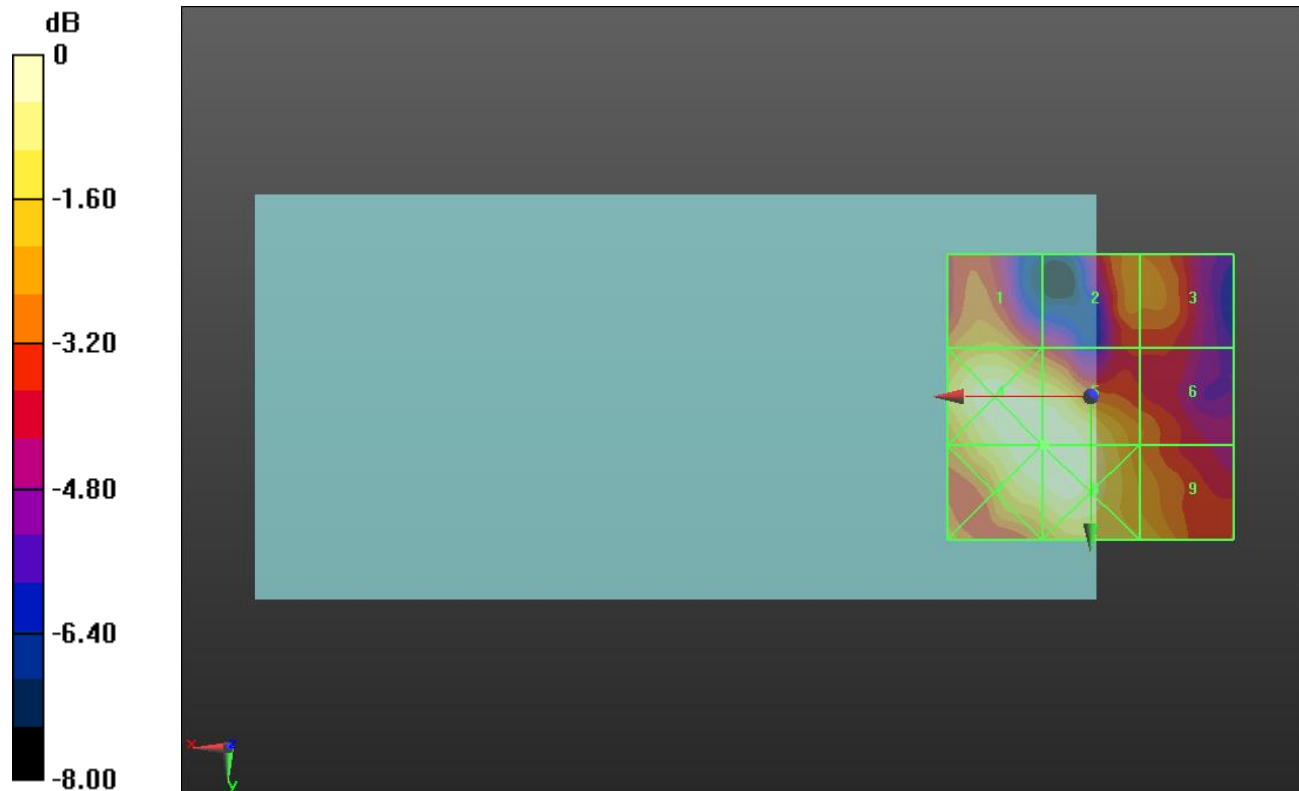
Applied MIF = -3.15 dB

RF audio interference level = 14.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.17 dBV/m	Grid 2 M4 11.66 dBV/m	Grid 3 M4 11.62 dBV/m
Grid 4 M4 14.01 dBV/m	Grid 5 M4 14.01 dBV/m	Grid 6 M4 11.46 dBV/m
Grid 7 M4 14.01 dBV/m	Grid 8 M4 14.01 dBV/m	Grid 9 M4 12.53 dBV/m



0 dB = 5.016 V/m = 14.01 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 = 5.607 V/m; Power Drift = 0.08 dB

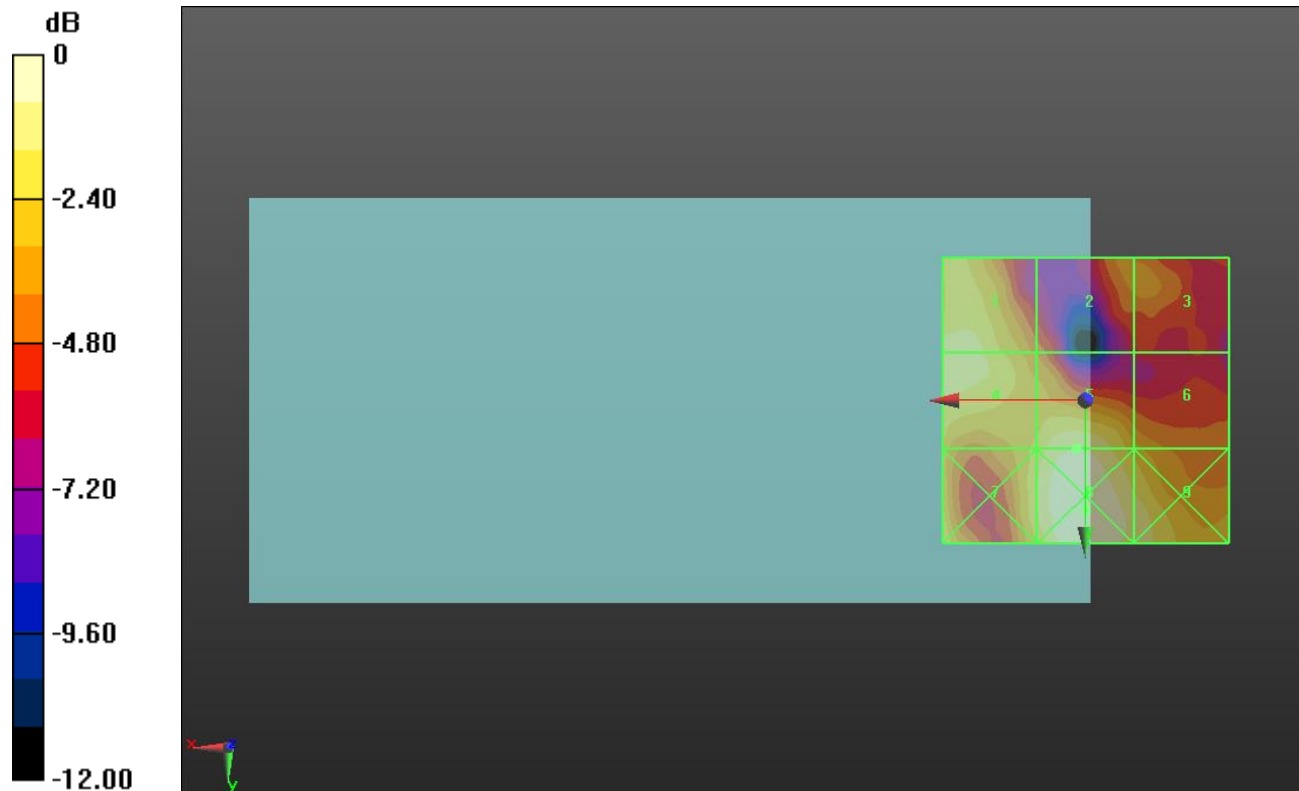
Applied MIF = -3.15 dB

RF audio interference level = 12.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.11 dBV/m	Grid 2 M4 9.65 dBV/m	Grid 3 M4 9.65 dBV/m
Grid 4 M4 12.11 dBV/m	Grid 5 M4 12.55 dBV/m	Grid 6 M4 10.56 dBV/m
Grid 7 M4 12.36 dBV/m	Grid 8 M4 13.34 dBV/m	Grid 9 M4 12.34 dBV/m



0 dB = 4.644 V/m = 13.34 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 = 5.664 V/m; Power Drift = -0.68 dB

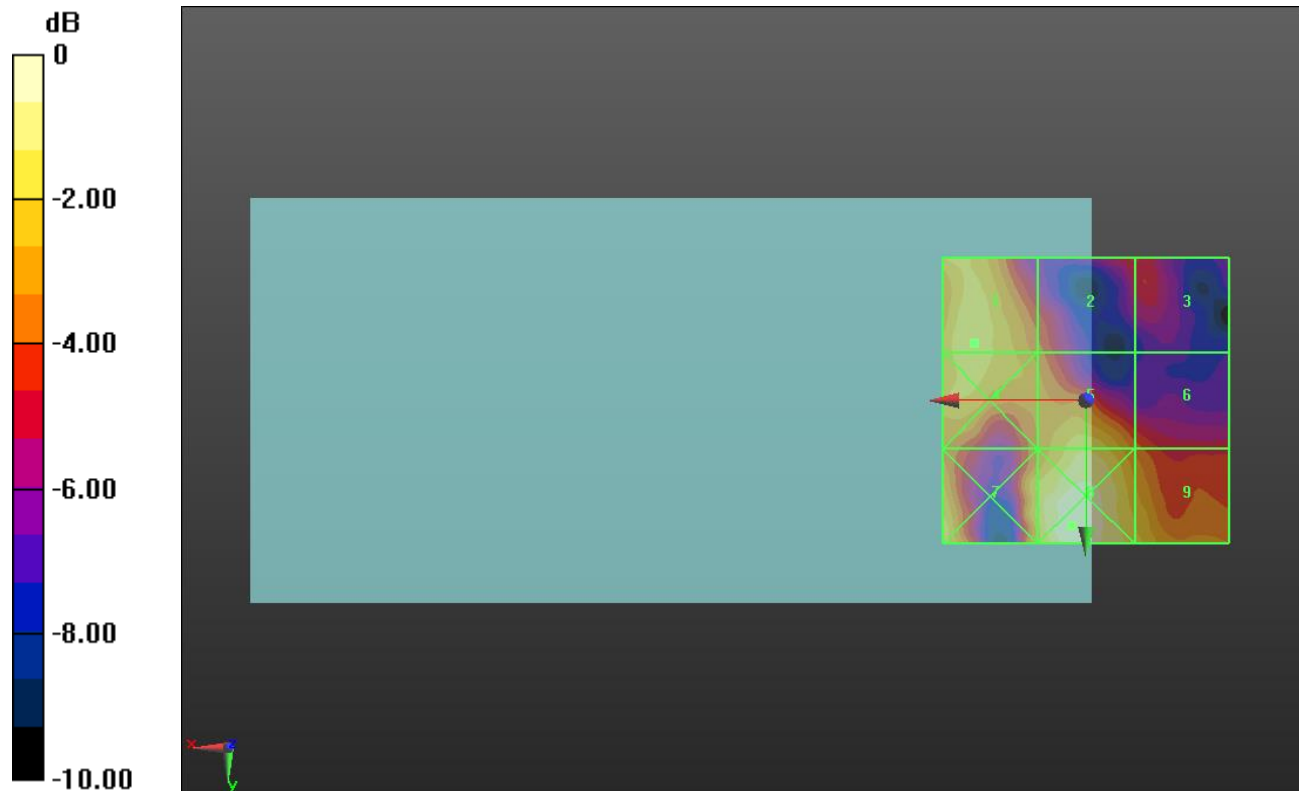
Applied MIF = -3.15 dB

RF audio interference level = 12.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.12 dBV/m	Grid 2 M4 9.8 dBV/m	Grid 3 M4 8.95 dBV/m
Grid 4 M4 12.03 dBV/m	Grid 5 M4 12.04 dBV/m	Grid 6 M4 9.91 dBV/m
Grid 7 M4 12.23 dBV/m	Grid 8 M4 13.44 dBV/m	Grid 9 M4 11.76 dBV/m



0 dB = 4.701 V/m = 13.44 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 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 = 4.837 V/m; Power Drift = -0.33 dB

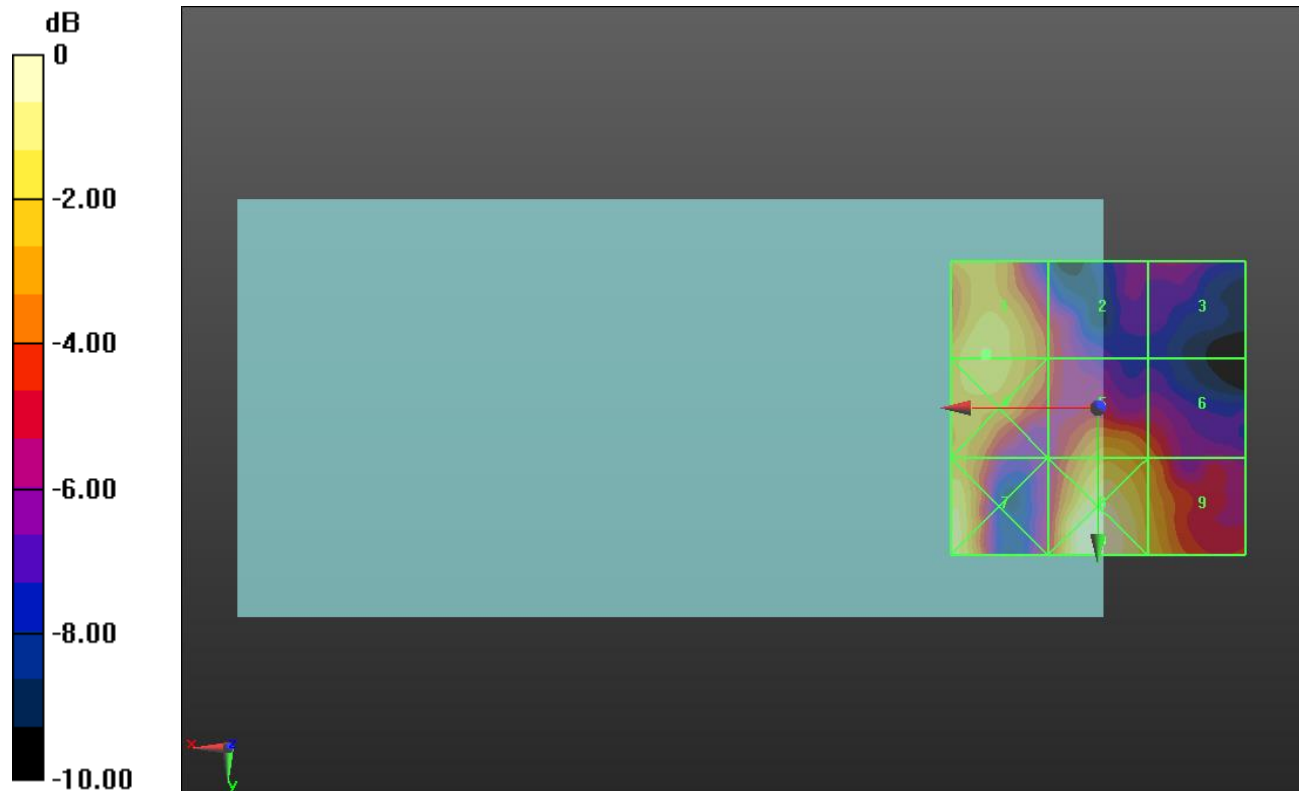
Applied MIF = -3.15 dB

RF audio interference level = 12.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.26 dBV/m	Grid 2 M4 9.45 dBV/m	Grid 3 M4 7.82 dBV/m
Grid 4 M4 12.25 dBV/m	Grid 5 M4 11.39 dBV/m	Grid 6 M4 10.11 dBV/m
Grid 7 M4 12.71 dBV/m	Grid 8 M4 13.54 dBV/m	Grid 9 M4 11.74 dBV/m



0 dB = 4.754 V/m = 13.54 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 165/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.483 V/m; Power Drift = -0.19 dB

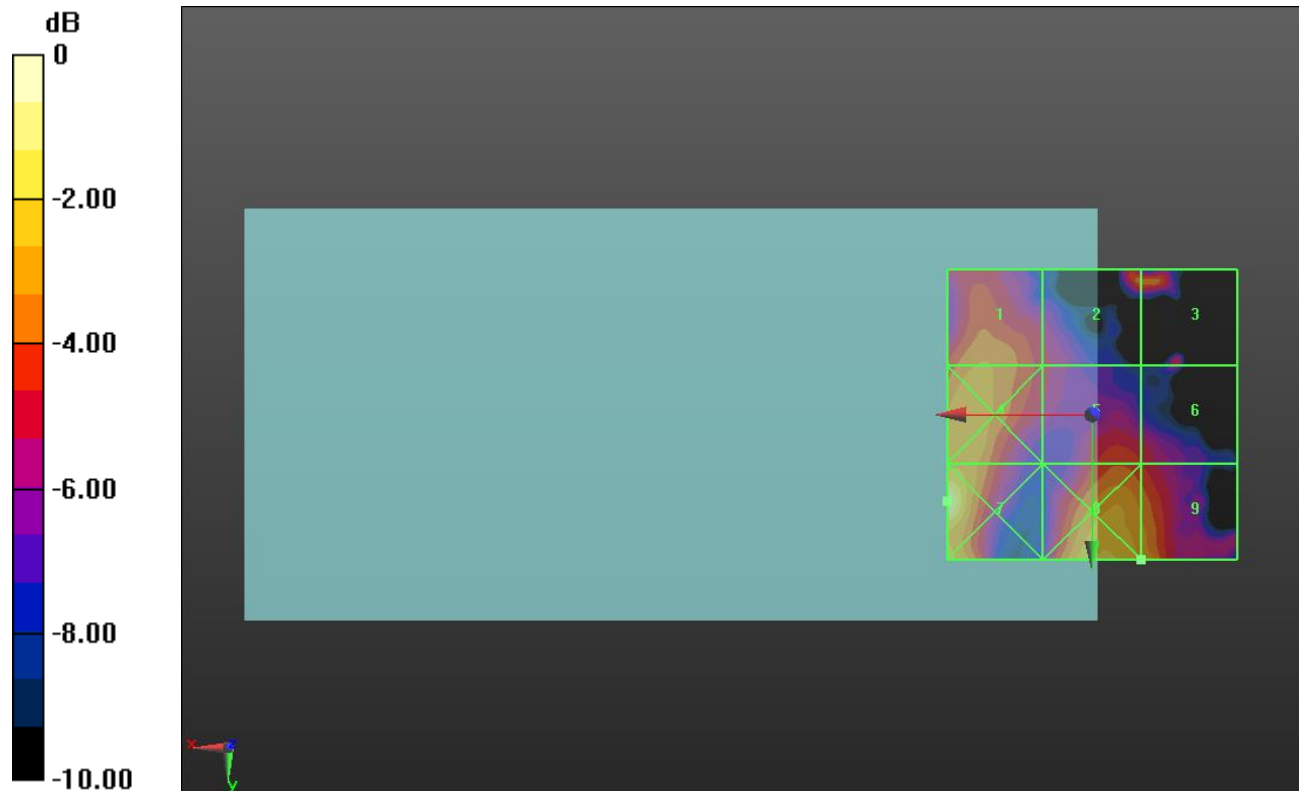
Applied MIF = -3.15 dB

RF audio interference level = 11.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.09 dBV/m	Grid 2 M4 10.76 dBV/m	Grid 3 M4 10.79 dBV/m
Grid 4 M4 11.62 dBV/m	Grid 5 M4 10.31 dBV/m	Grid 6 M4 9.71 dBV/m
Grid 7 M4 14.34 dBV/m	Grid 8 M4 12.5 dBV/m	Grid 9 M4 11.6 dBV/m



0 dB = 5.214 V/m = 14.34 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 = 8.466 V/m; Power Drift = -0.08 dB

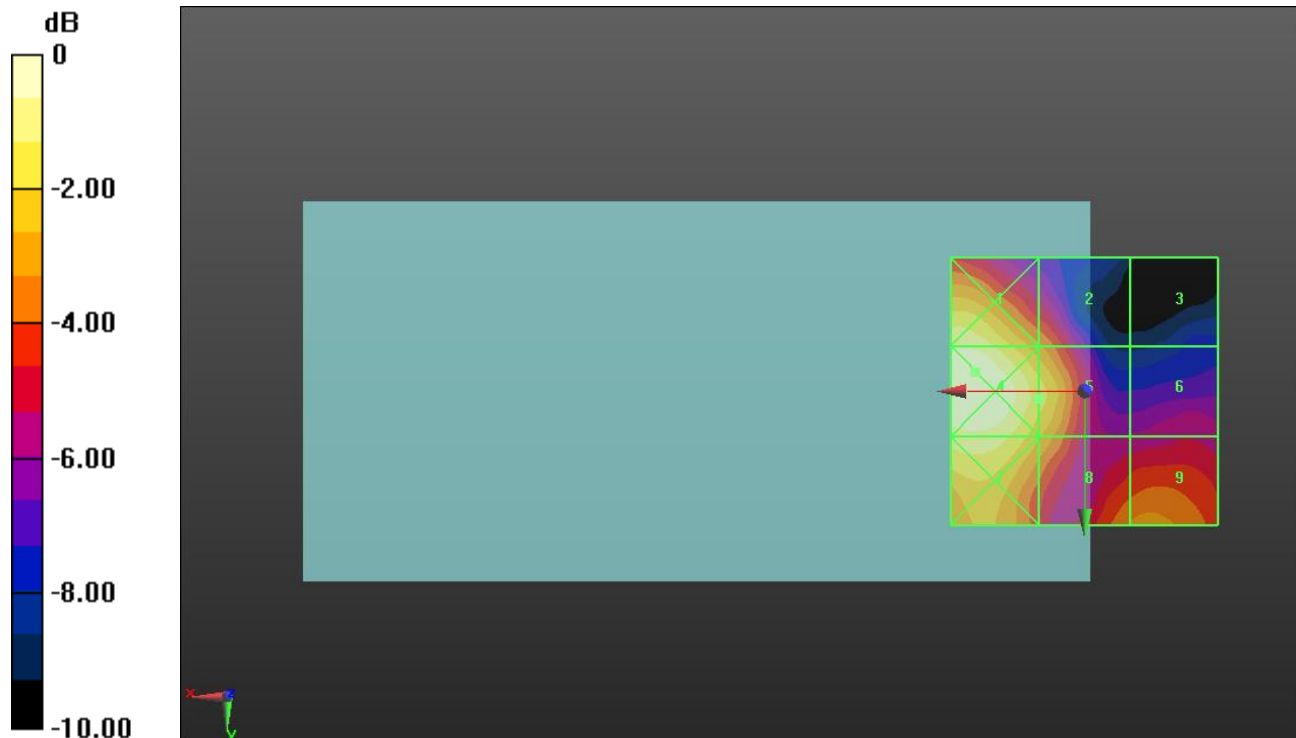
Applied MIF = -1.44 dB

RF audio interference level = 19.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.33 dBV/m	Grid 2 M4 17.78 dBV/m	Grid 3 M4 13.32 dBV/m
Grid 4 M4 21.01 dBV/m	Grid 5 M4 19.28 dBV/m	Grid 6 M4 15.66 dBV/m
Grid 7 M4 20.18 dBV/m	Grid 8 M4 18.42 dBV/m	Grid 9 M4 18.01 dBV/m



0 dB = 11.23 V/m = 21.01 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.138 V/m; Power Drift = -0.29 dB

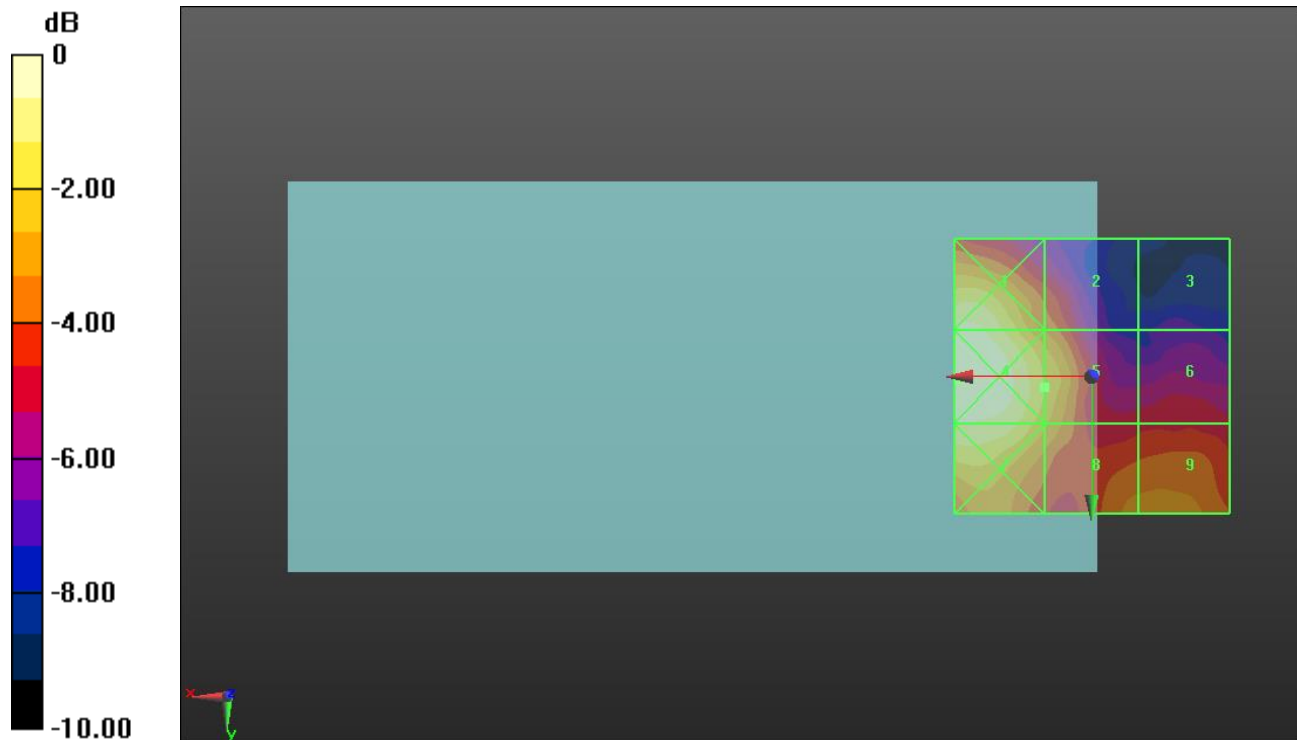
Applied MIF = -1.44 dB

RF audio interference level = 19.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.83 dBV/m	Grid 2 M4 17.92 dBV/m	Grid 3 M4 14.38 dBV/m
Grid 4 M4 21.32 dBV/m	Grid 5 M4 19.33 dBV/m	Grid 6 M4 16.58 dBV/m
Grid 7 M4 20.68 dBV/m	Grid 8 M4 18.8 dBV/m	Grid 9 M4 18.59 dBV/m



0 dB = 11.64 V/m = 21.32 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 = 8.064 V/m; Power Drift = 0.34 dB

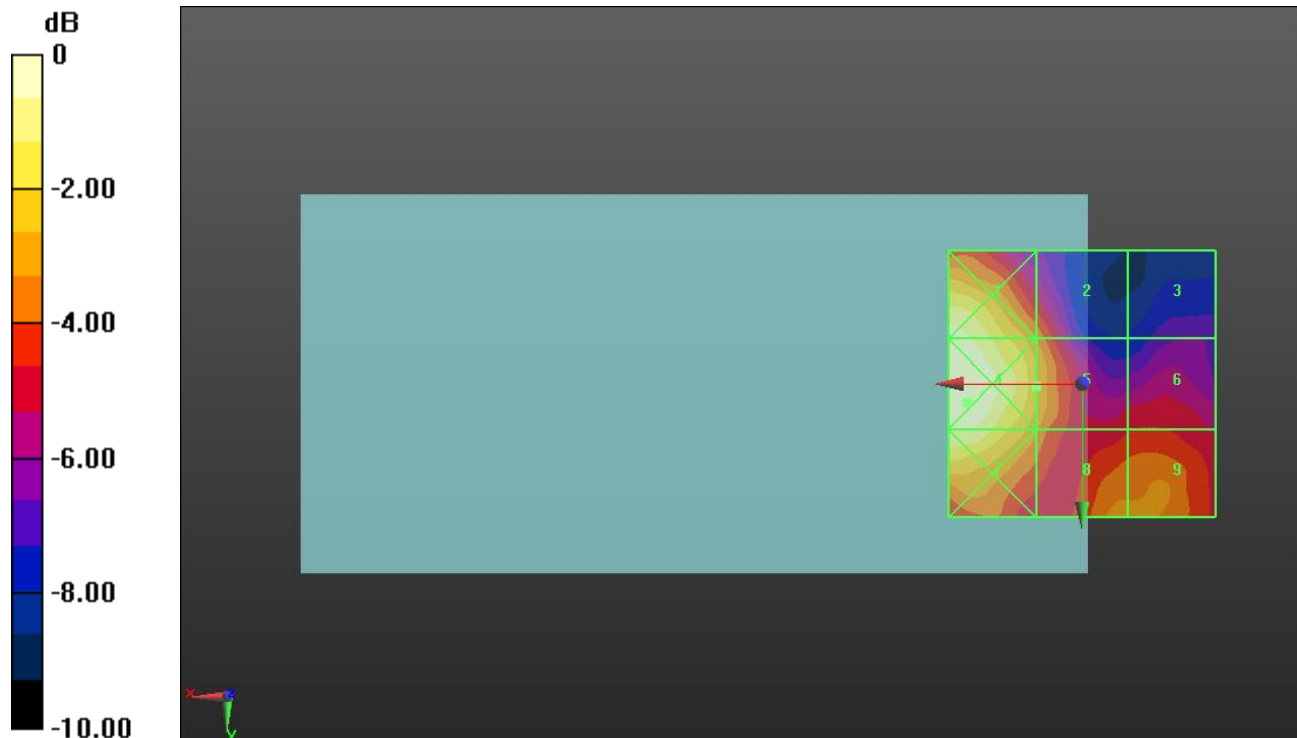
Applied MIF = -1.44 dB

RF audio interference level = 19.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.97 dBV/m	Grid 2 M4 18.91 dBV/m	Grid 3 M4 15.75 dBV/m
Grid 4 M4 22.33 dBV/m	Grid 5 M4 19.79 dBV/m	Grid 6 M4 17.74 dBV/m
Grid 7 M4 21.73 dBV/m	Grid 8 M4 19.41 dBV/m	Grid 9 M4 19.43 dBV/m



0 dB = 13.07 V/m = 22.33 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 = 8.205 V/m; Power Drift = -0.53 dB

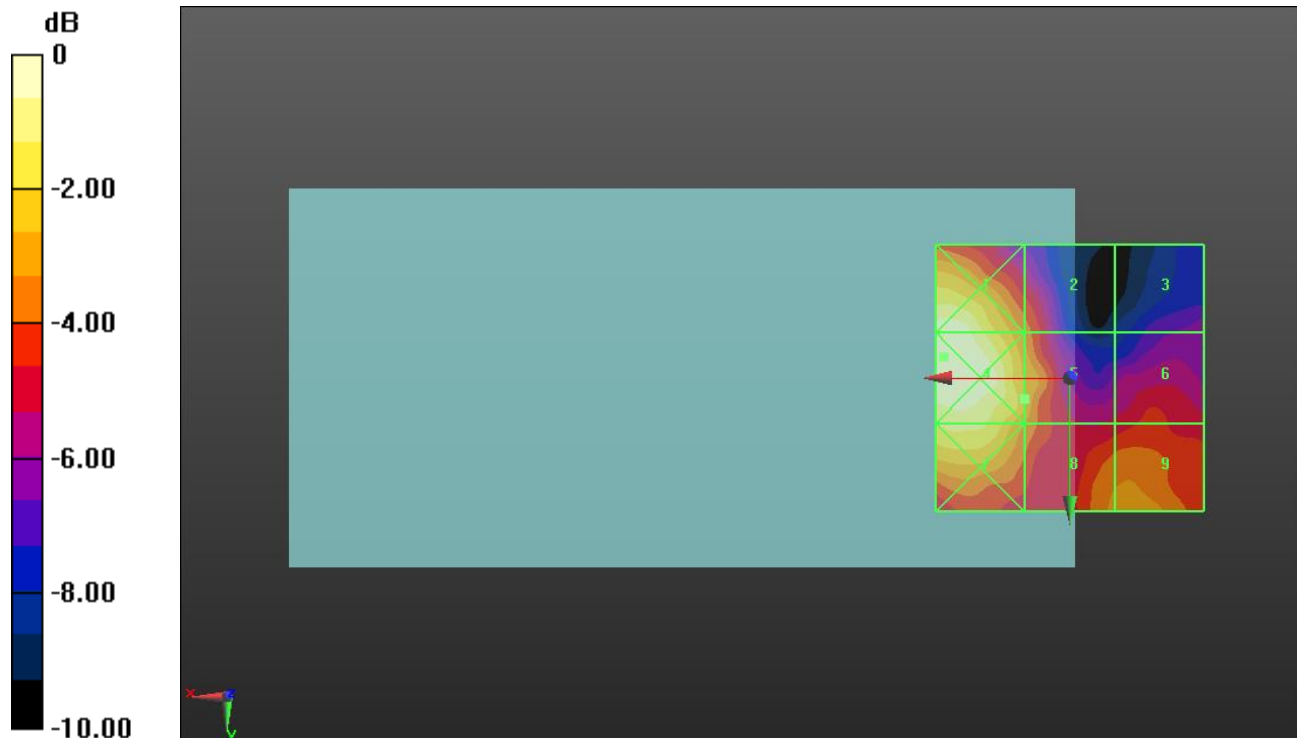
Applied MIF = -1.44 dB

RF audio interference level = 20.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.34 dBV/m	Grid 2 M4 19.03 dBV/m	Grid 3 M4 16.15 dBV/m
Grid 4 M4 22.57 dBV/m	Grid 5 M4 20.04 dBV/m	Grid 6 M4 18.05 dBV/m
Grid 7 M4 21.52 dBV/m	Grid 8 M4 19.52 dBV/m	Grid 9 M4 19.75 dBV/m



0 dB = 13.44 V/m = 22.57 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 = 5.672 V/m; Power Drift = -0.44 dB

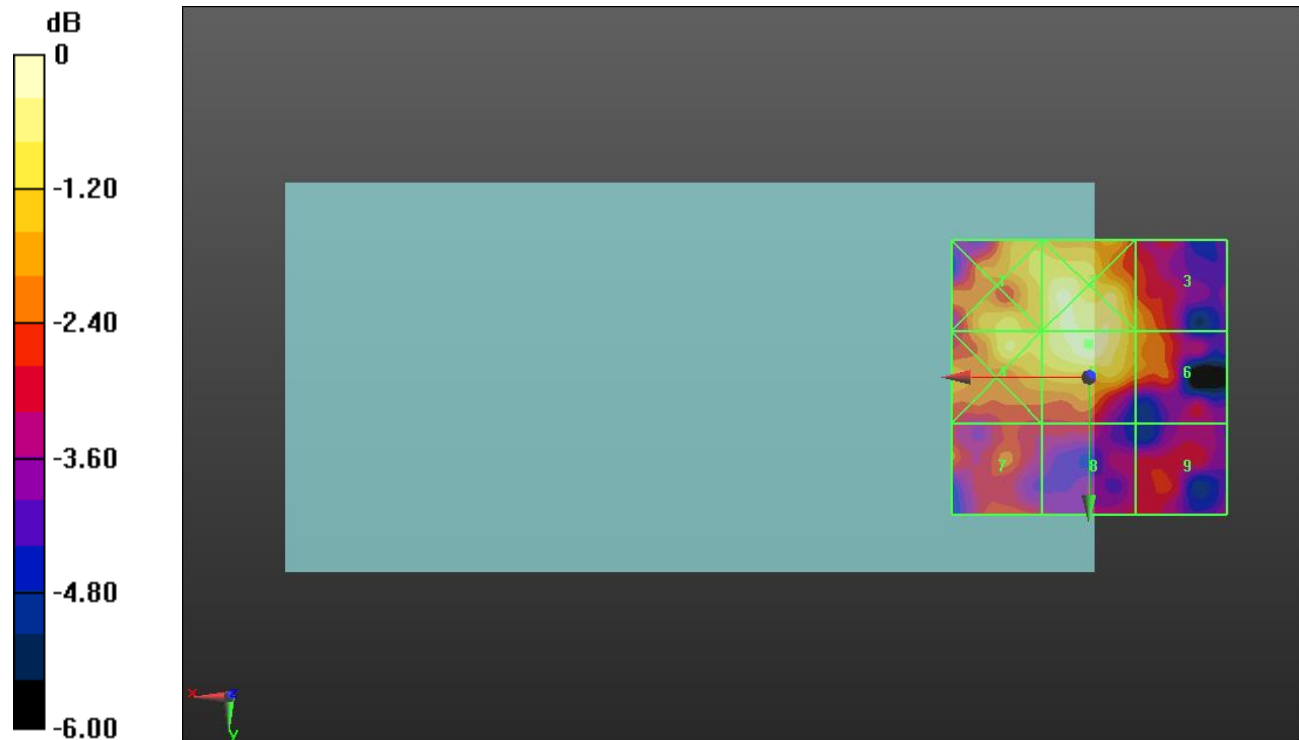
Applied MIF = -1.44 dB

RF audio interference level = 10.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10 dBV/m	Grid 2 M4 10.66 dBV/m	Grid 3 M4 9.37 dBV/m
Grid 4 M4 10.17 dBV/m	Grid 5 M4 10.91 dBV/m	Grid 6 M4 9.38 dBV/m
Grid 7 M4 8.77 dBV/m	Grid 8 M4 8.09 dBV/m	Grid 9 M4 8.24 dBV/m



0 dB = 3.513 V/m = 10.91 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 = 5.478 V/m; Power Drift = -0.06 dB

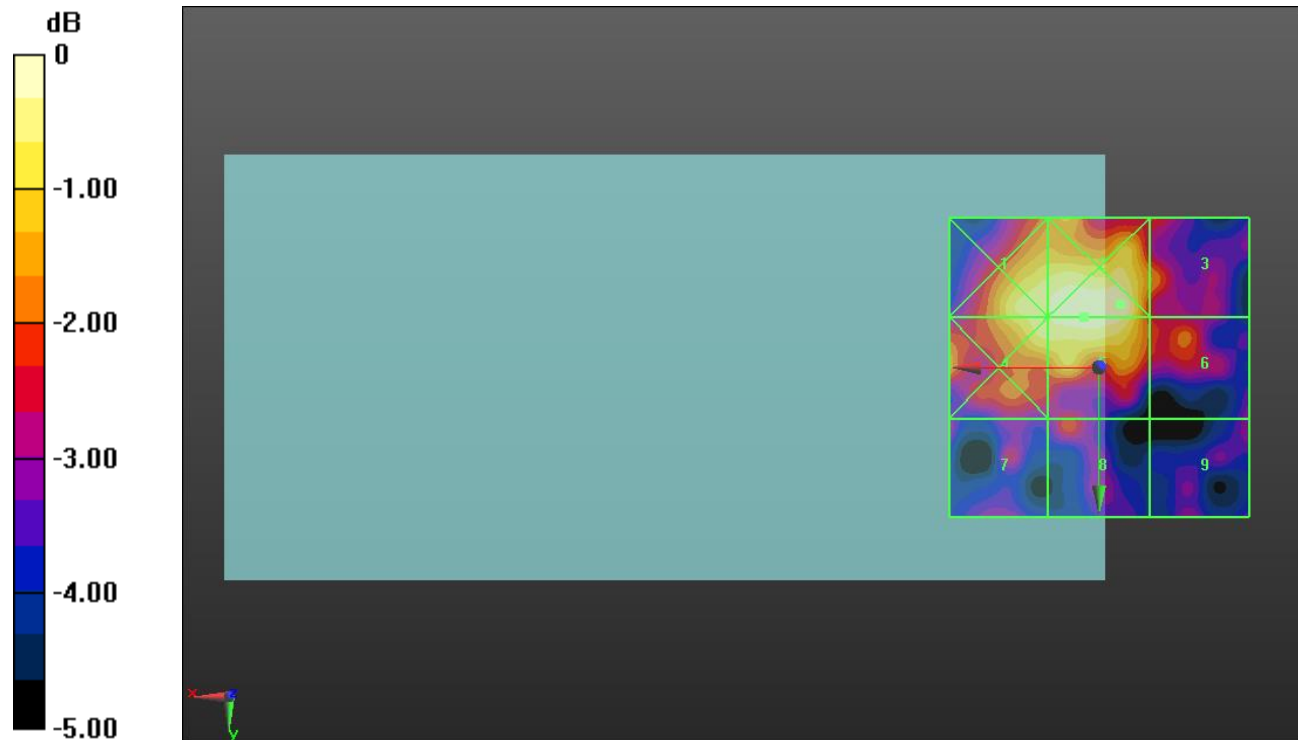
Applied MIF = -1.44 dB

RF audio interference level = 10.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.02 dBV/m	Grid 2 M4 10.37 dBV/m	Grid 3 M4 8.77 dBV/m
Grid 4 M4 10.01 dBV/m	Grid 5 M4 10.23 dBV/m	Grid 6 M4 8.53 dBV/m
Grid 7 M4 7.77 dBV/m	Grid 8 M4 8.33 dBV/m	Grid 9 M4 7.43 dBV/m



0 dB = 3.301 V/m = 10.37 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 = 5.519 V/m; Power Drift = 0.25 dB

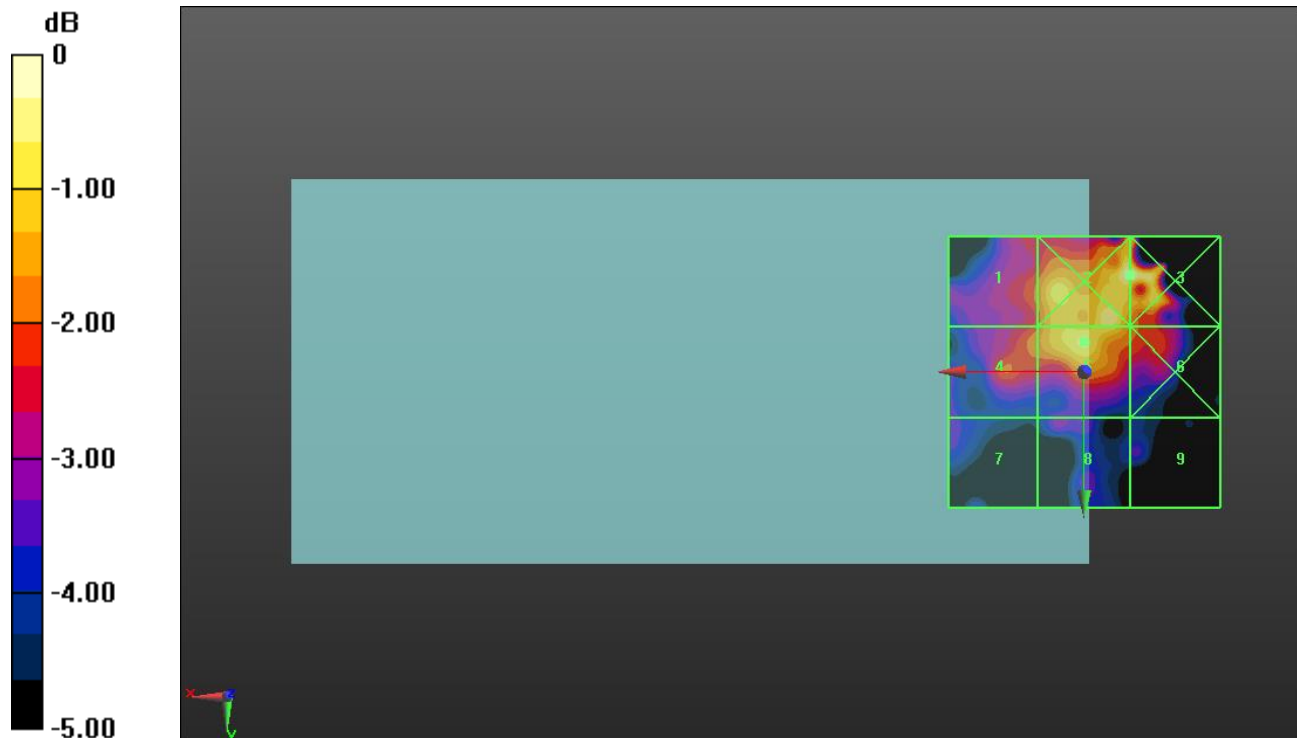
Applied MIF = -1.44 dB

RF audio interference level = 10.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 9.46 dBV/m	Grid 2 M4 11.27 dBV/m	Grid 3 M4 11.27 dBV/m
Grid 4 M4 9.54 dBV/m	Grid 5 M4 10.69 dBV/m	Grid 6 M4 9.59 dBV/m
Grid 7 M4 8.07 dBV/m	Grid 8 M4 8.1 dBV/m	Grid 9 M4 7.74 dBV/m



0 dB = 3.659 V/m = 11.27 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 = 5.575 V/m; Power Drift = -0.16 dB

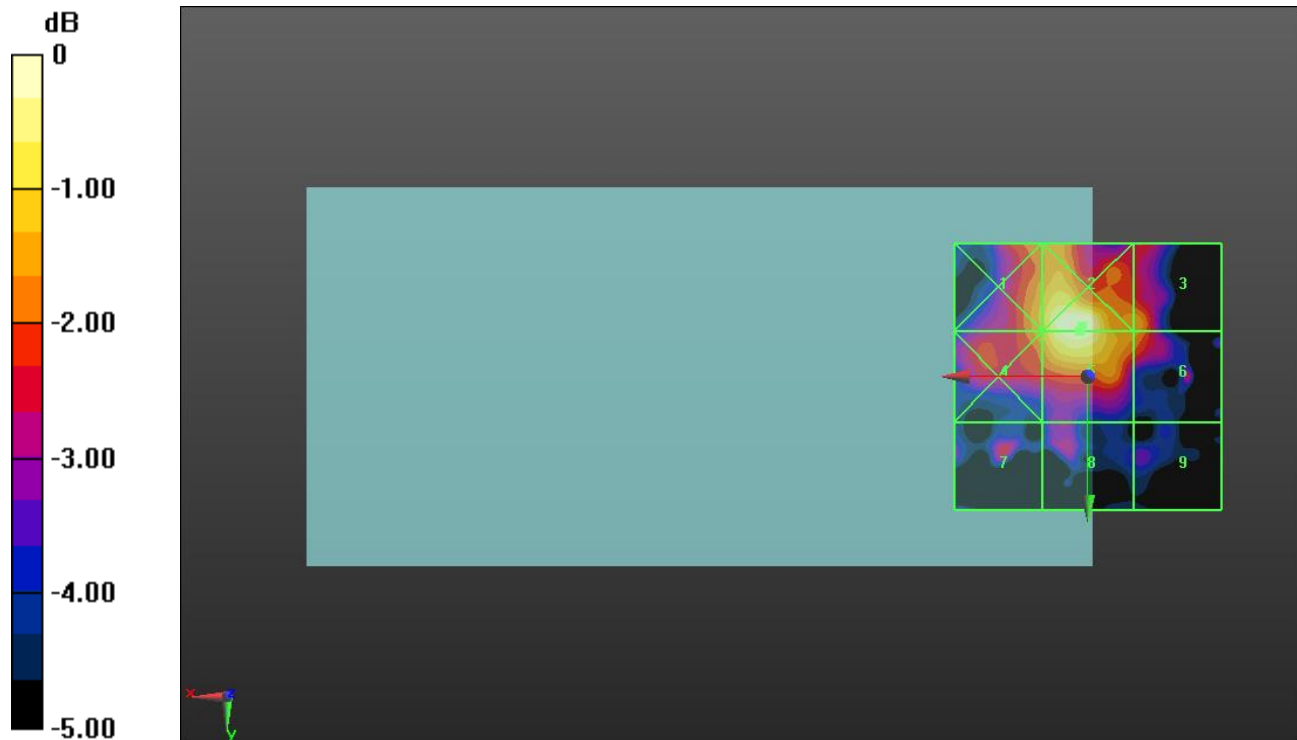
Applied MIF = -1.44 dB

RF audio interference level = 10.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 9.72 dBV/m	Grid 2 M4 10.86 dBV/m	Grid 3 M4 9.49 dBV/m
Grid 4 M4 9.63 dBV/m	Grid 5 M4 10.8 dBV/m	Grid 6 M4 9.4 dBV/m
Grid 7 M4 8.49 dBV/m	Grid 8 M4 8.17 dBV/m	Grid 9 M4 7.52 dBV/m



0 dB = 3.493 V/m = 10.86 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 = 11.53 V/m; Power Drift = 0.36 dB

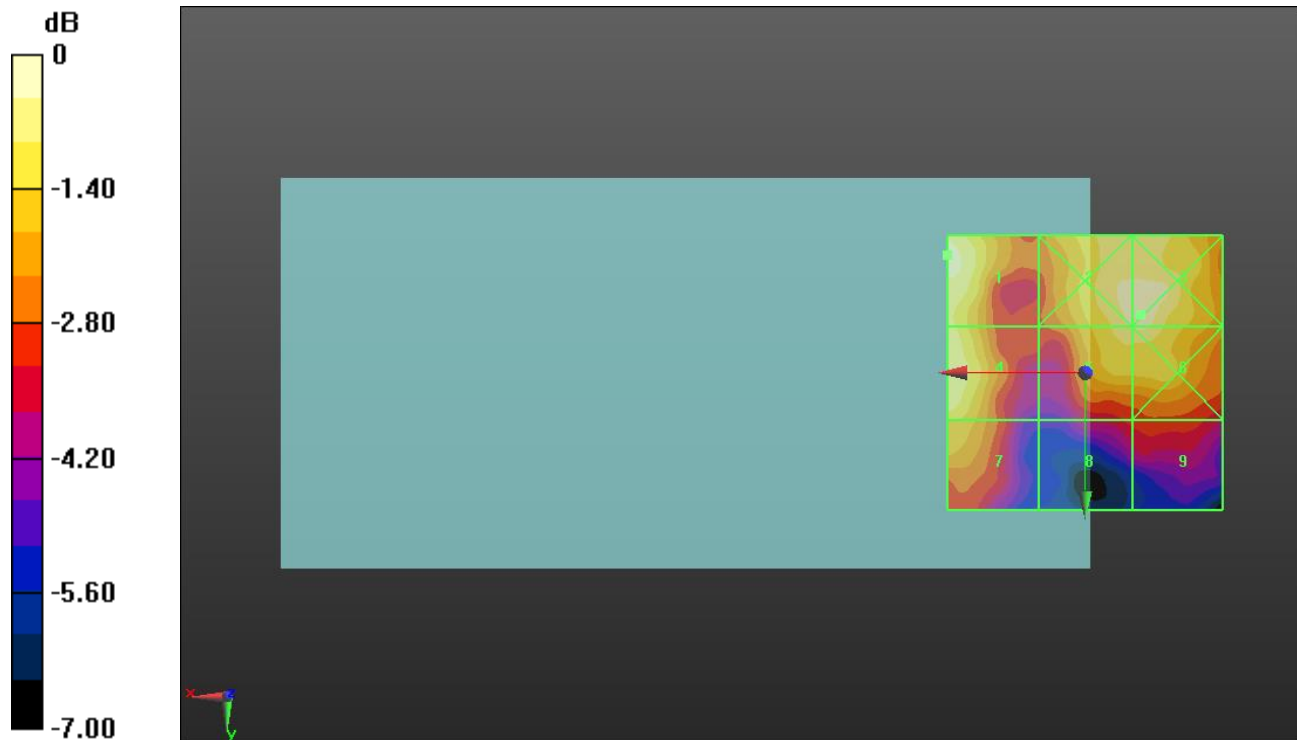
Applied MIF = -1.44 dB

RF audio interference level = 19.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.85 dBV/m	Grid 2 M4 20 dBV/m	Grid 3 M4 20.13 dBV/m
Grid 4 M4 19.62 dBV/m	Grid 5 M4 19.77 dBV/m	Grid 6 M4 19.87 dBV/m
Grid 7 M4 18.79 dBV/m	Grid 8 M4 17.09 dBV/m	Grid 9 M4 17.29 dBV/m



0 dB = 10.15 V/m = 20.13 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.56 V/m; Power Drift = -0.31 dB

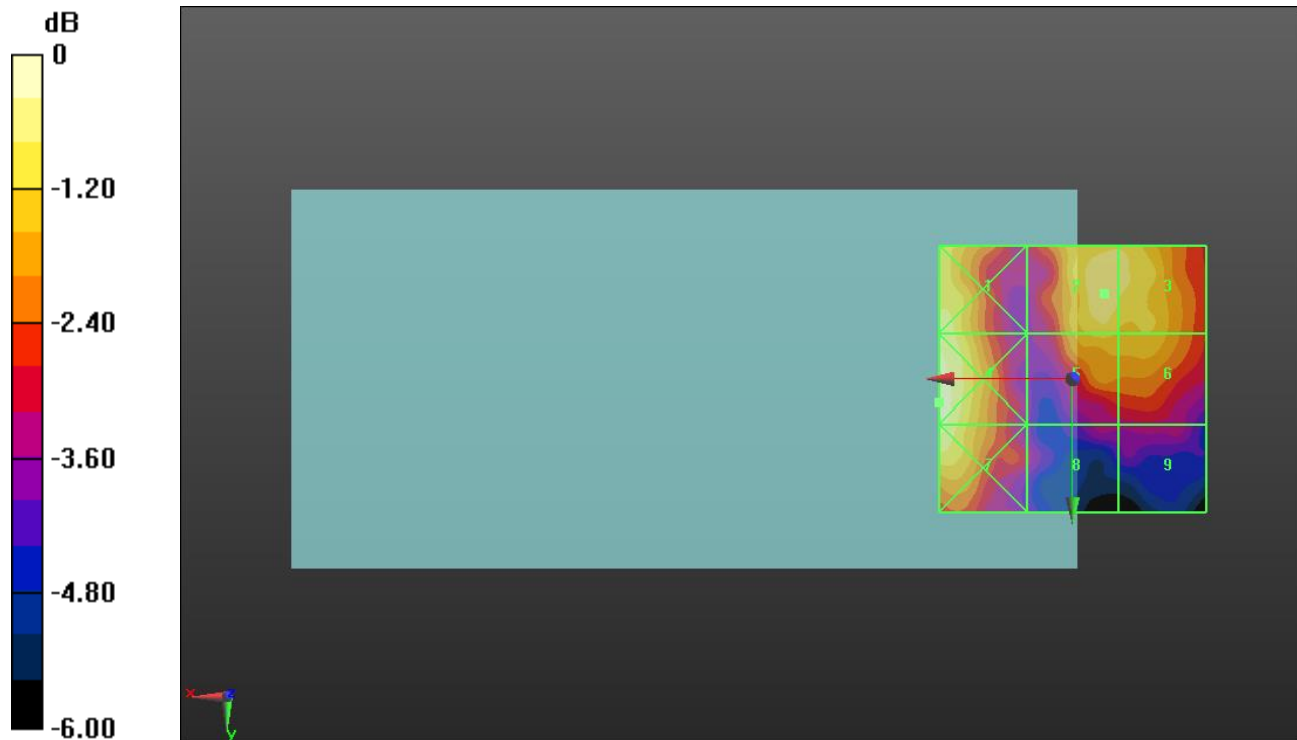
Applied MIF = -1.44 dB

RF audio interference level = 19.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.81 dBV/m	Grid 2 M4 19.65 dBV/m	Grid 3 M4 19.47 dBV/m
Grid 4 M4 20.1 dBV/m	Grid 5 M4 19.07 dBV/m	Grid 6 M4 18.91 dBV/m
Grid 7 M4 19.91 dBV/m	Grid 8 M4 16.85 dBV/m	Grid 9 M4 16.84 dBV/m



0 dB = 10.12 V/m = 20.10 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.294 V/m; Power Drift = -0.23 dB

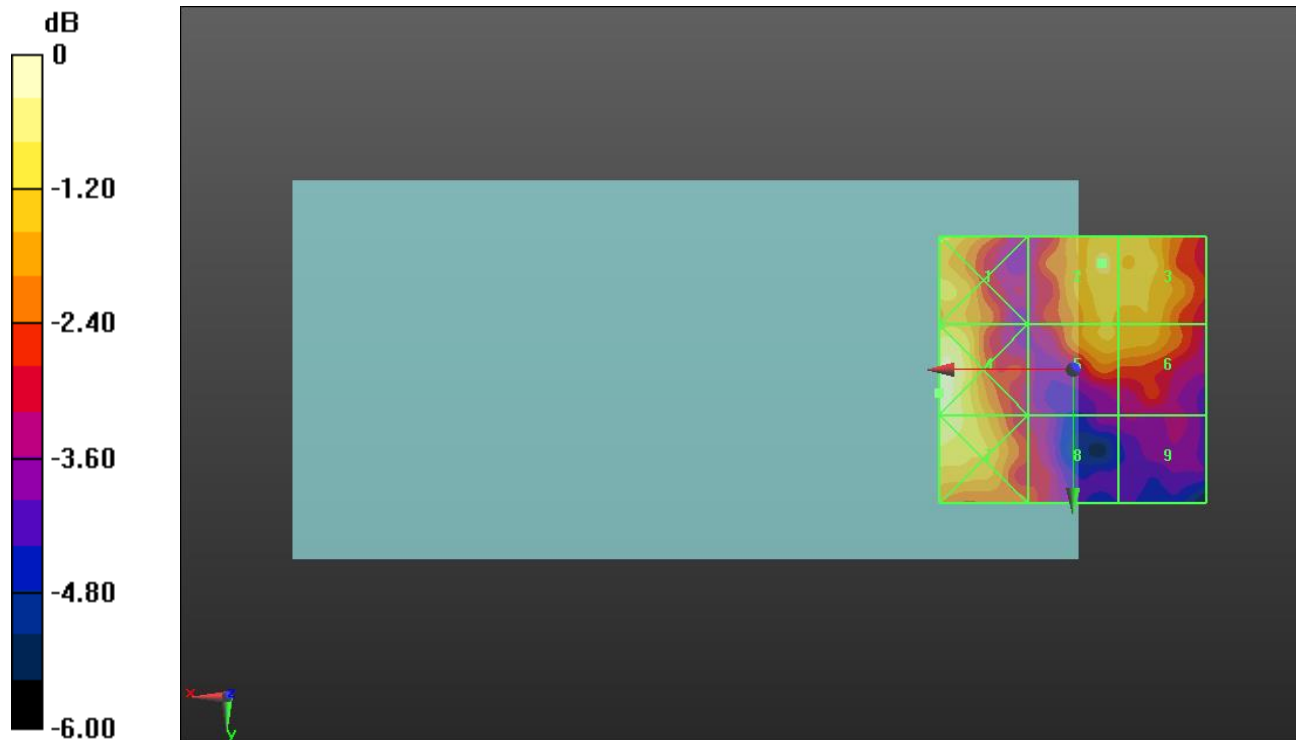
Applied MIF = -1.44 dB

RF audio interference level = 19.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.93 dBV/m	Grid 2 M4 19.21 dBV/m	Grid 3 M4 18.92 dBV/m
Grid 4 M4 19.85 dBV/m	Grid 5 M4 18.73 dBV/m	Grid 6 M4 18.62 dBV/m
Grid 7 M4 19.48 dBV/m	Grid 8 M4 17.6 dBV/m	Grid 9 M4 16.5 dBV/m



0 dB = 9.831 V/m = 19.85 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.758 V/m; Power Drift = 0.08 dB

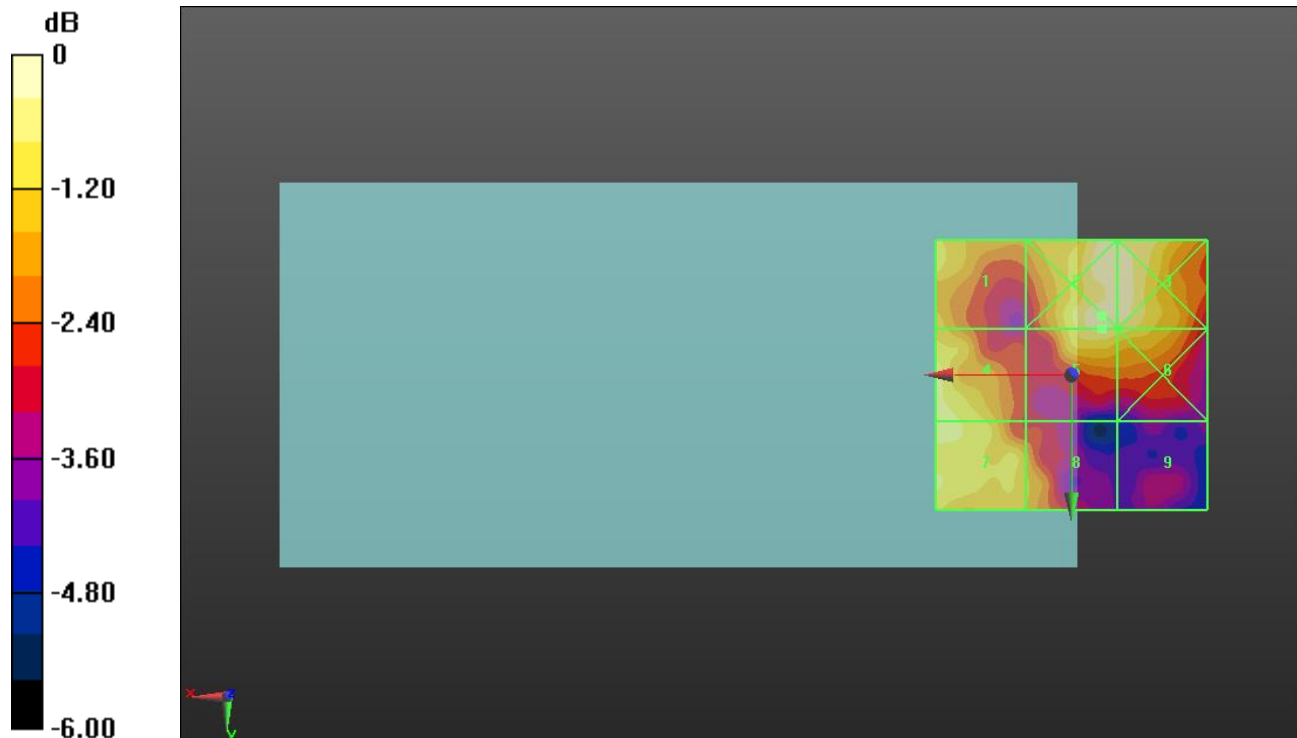
Applied MIF = -1.44 dB

RF audio interference level = 18.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.87 dBV/m	Grid 2 M4 18.85 dBV/m	Grid 3 M4 18.68 dBV/m
Grid 4 M4 18.45 dBV/m	Grid 5 M4 18.57 dBV/m	Grid 6 M4 18.29 dBV/m
Grid 7 M4 18.46 dBV/m	Grid 8 M4 17.38 dBV/m	Grid 9 M4 15.57 dBV/m



0 dB = 8.759 V/m = 18.85 dBV/m