

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 = 31.75 V/m; Power Drift = -0.12 dB

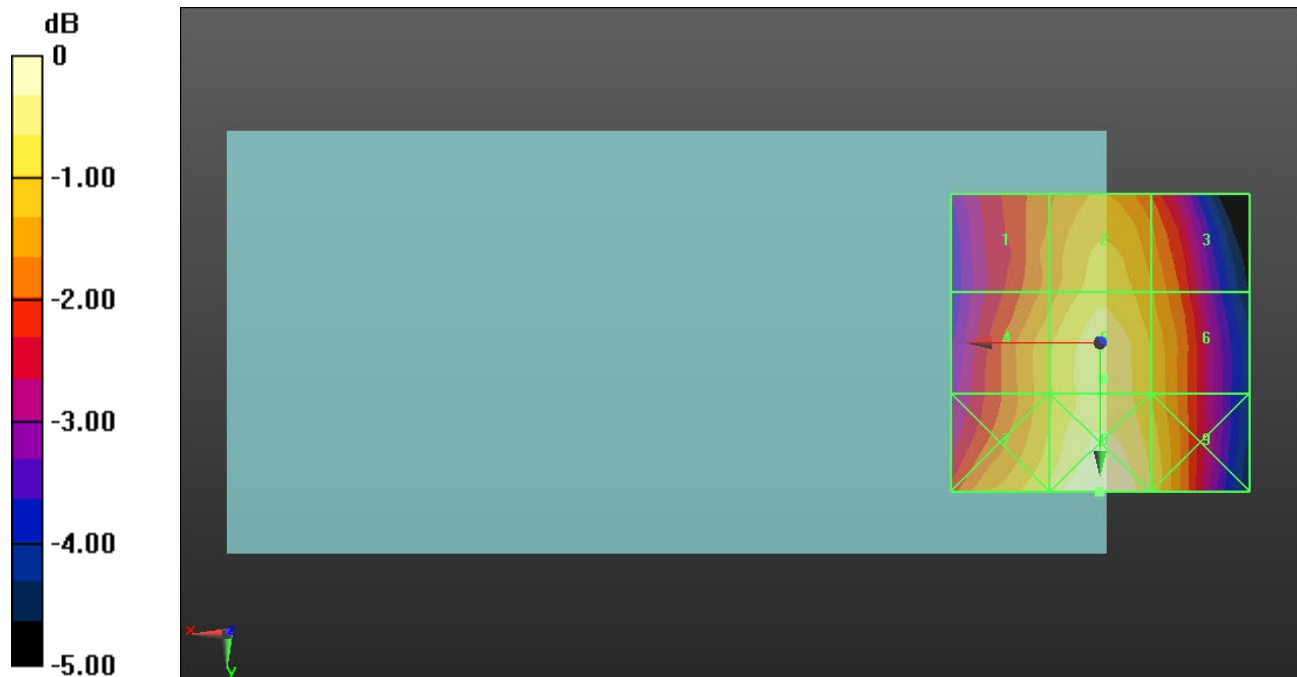
Applied MIF = 3.63 dB

RF audio interference level = 31.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.06 dBV/m	Grid 2 M4 30.76 dBV/m	Grid 3 M4 30.26 dBV/m
Grid 4 M4 30.51 dBV/m	Grid 5 M4 31.08 dBV/m	Grid 6 M4 30.56 dBV/m
Grid 7 M4 30.98 dBV/m	Grid 8 M4 31.54 dBV/m	Grid 9 M4 30.85 dBV/m



0 dB = 37.74 V/m = 31.54 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 = 31.61 V/m; Power Drift = -0.03 dB

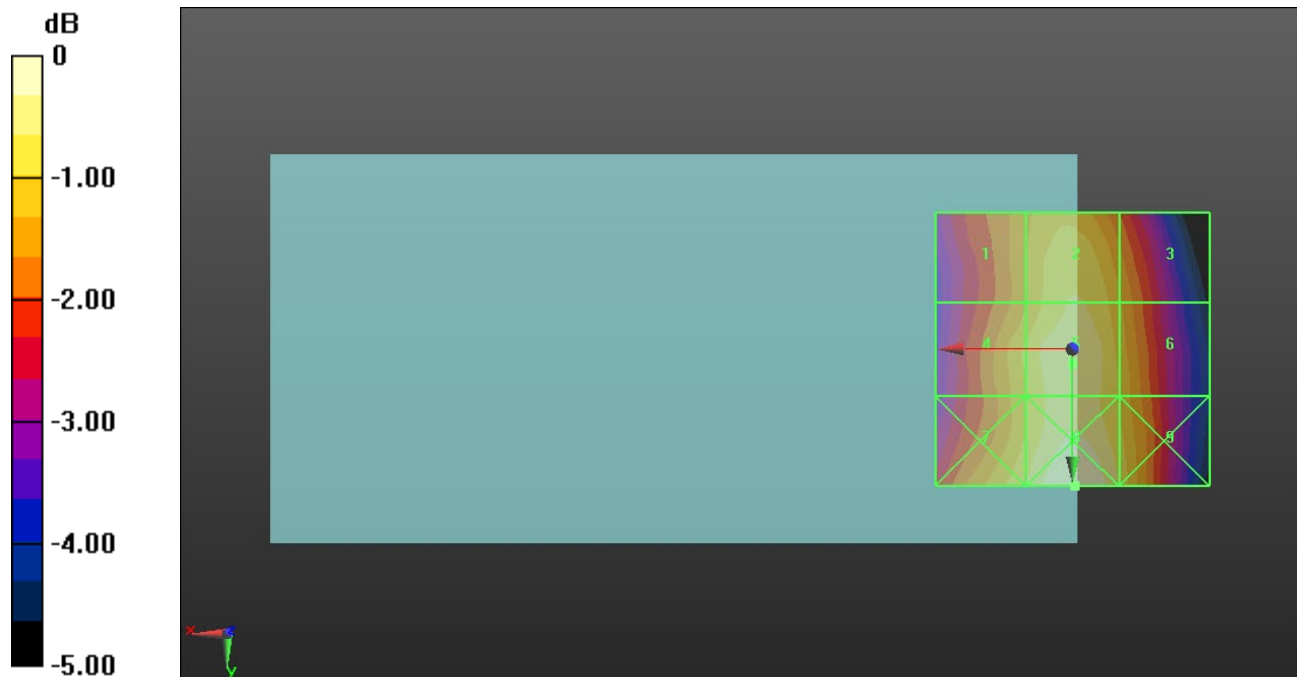
Applied MIF = 3.63 dB

RF audio interference level = 31.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.25 dBV/m	Grid 2 M4 30.94 dBV/m	Grid 3 M4 30.33 dBV/m
Grid 4 M4 30.67 dBV/m	Grid 5 M4 31.16 dBV/m	Grid 6 M4 30.57 dBV/m
Grid 7 M4 30.93 dBV/m	Grid 8 M4 31.58 dBV/m	Grid 9 M4 30.9 dBV/m



0 dB = 37.95 V/m = 31.58 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 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 = 30.28 V/m; Power Drift = -0.00 dB

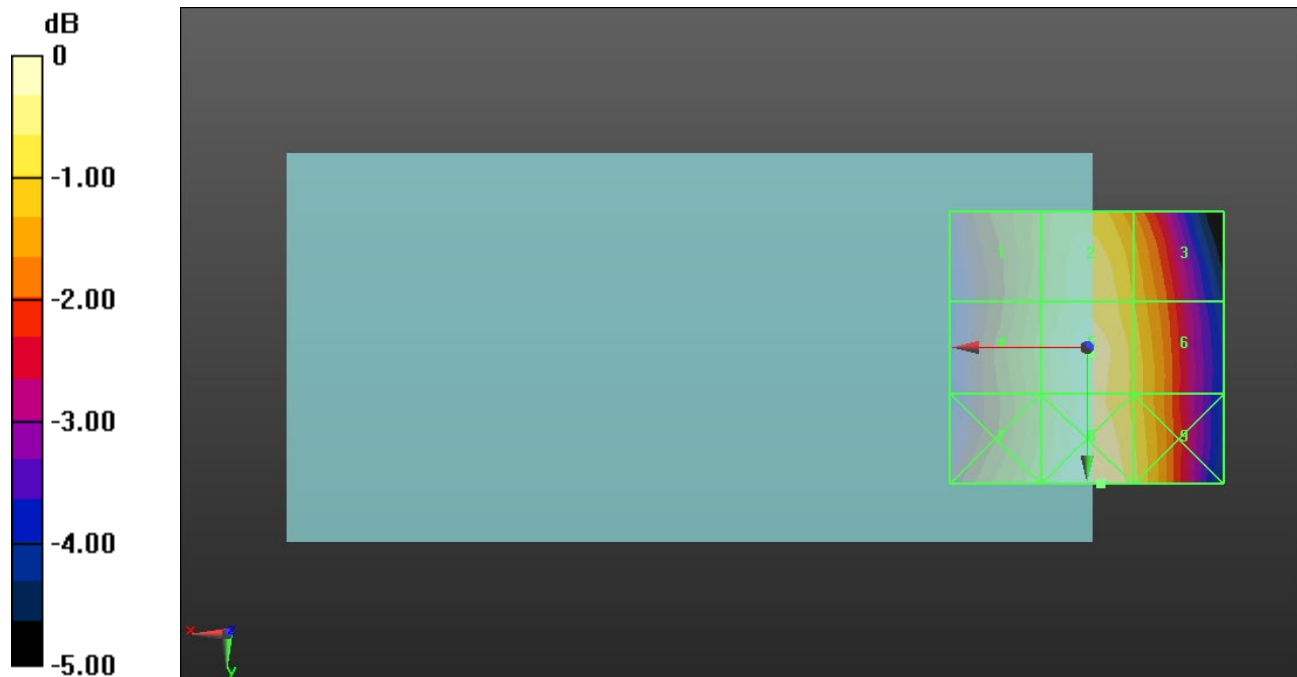
Applied MIF = 3.63 dB

RF audio interference level = 30.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.97 dBV/m	Grid 2 M4 30.6 dBV/m	Grid 3 M4 30.03 dBV/m
Grid 4 M4 30.16 dBV/m	Grid 5 M4 30.85 dBV/m	Grid 6 M4 30.28 dBV/m
Grid 7 M4 30.34 dBV/m	Grid 8 M4 31.02 dBV/m	Grid 9 M4 30.5 dBV/m



0 dB = 35.57 V/m = 31.02 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 = 21.83 V/m; Power Drift = -0.01 dB

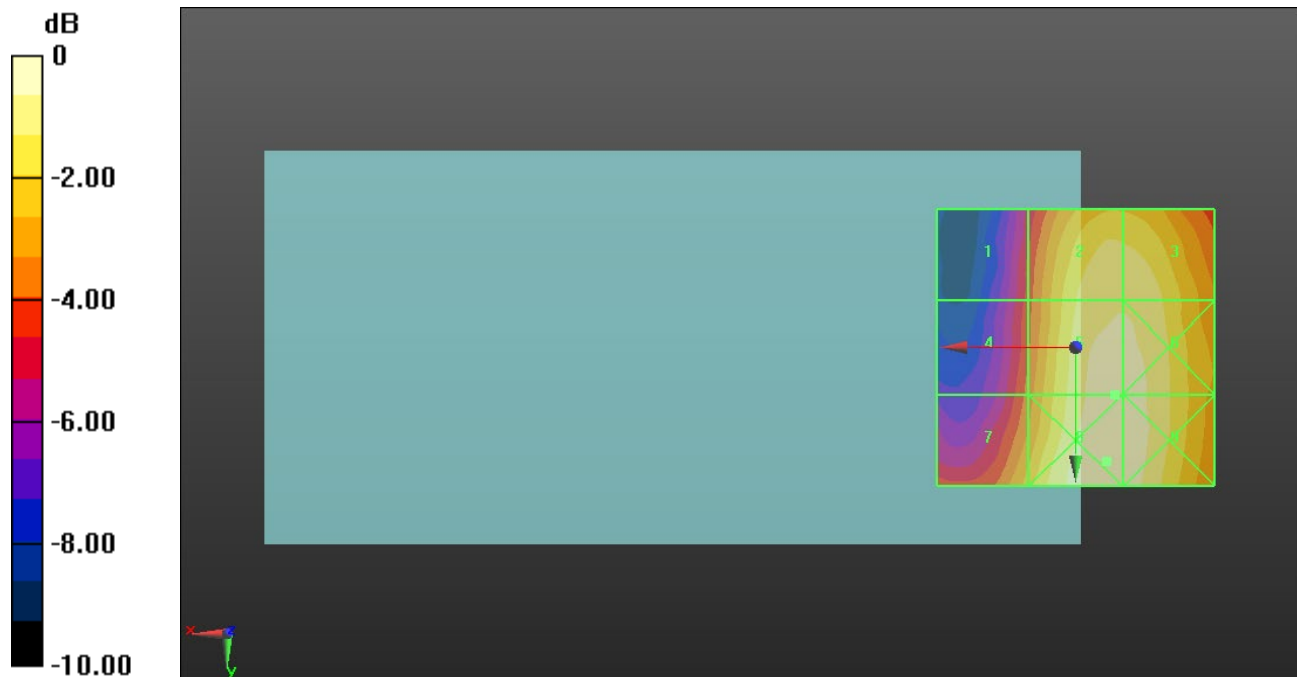
Applied MIF = 3.63 dB

RF audio interference level = 29.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.08 dBV/m	Grid 2 M4 28.67 dBV/m	Grid 3 M4 28.67 dBV/m
Grid 4 M4 25.69 dBV/m	Grid 5 M4 29.06 dBV/m	Grid 6 M4 29.03 dBV/m
Grid 7 M4 27.09 dBV/m	Grid 8 M4 29.37 dBV/m	Grid 9 M4 29.22 dBV/m



0 dB = 29.40 V/m = 29.37 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 = 23.18 V/m; Power Drift = -0.05 dB

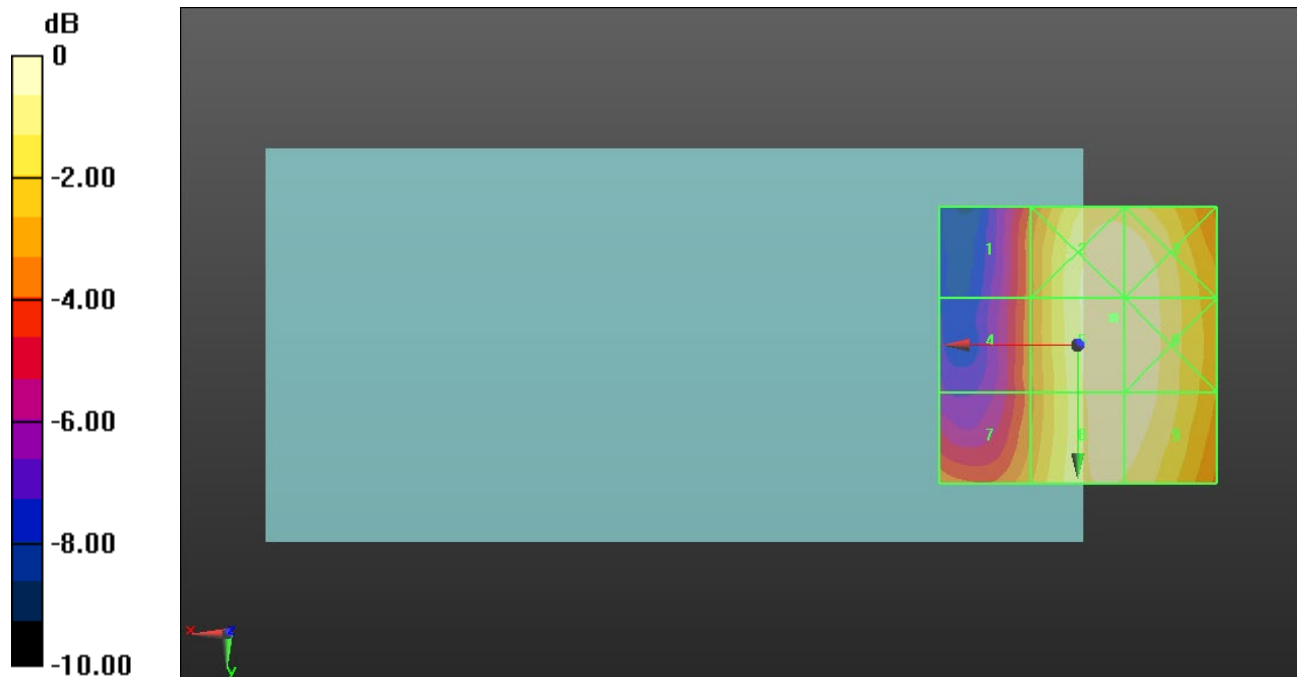
Applied MIF = 3.63 dB

RF audio interference level = 29.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.8 dBV/m	Grid 2 M4 29.29 dBV/m	Grid 3 M4 29.23 dBV/m
Grid 4 M4 25.9 dBV/m	Grid 5 M4 29.33 dBV/m	Grid 6 M4 29.27 dBV/m
Grid 7 M4 26.61 dBV/m	Grid 8 M4 29.11 dBV/m	Grid 9 M4 29.11 dBV/m



0 dB = 29.28 V/m = 29.33 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 = 20.90 V/m; Power Drift = -0.11 dB

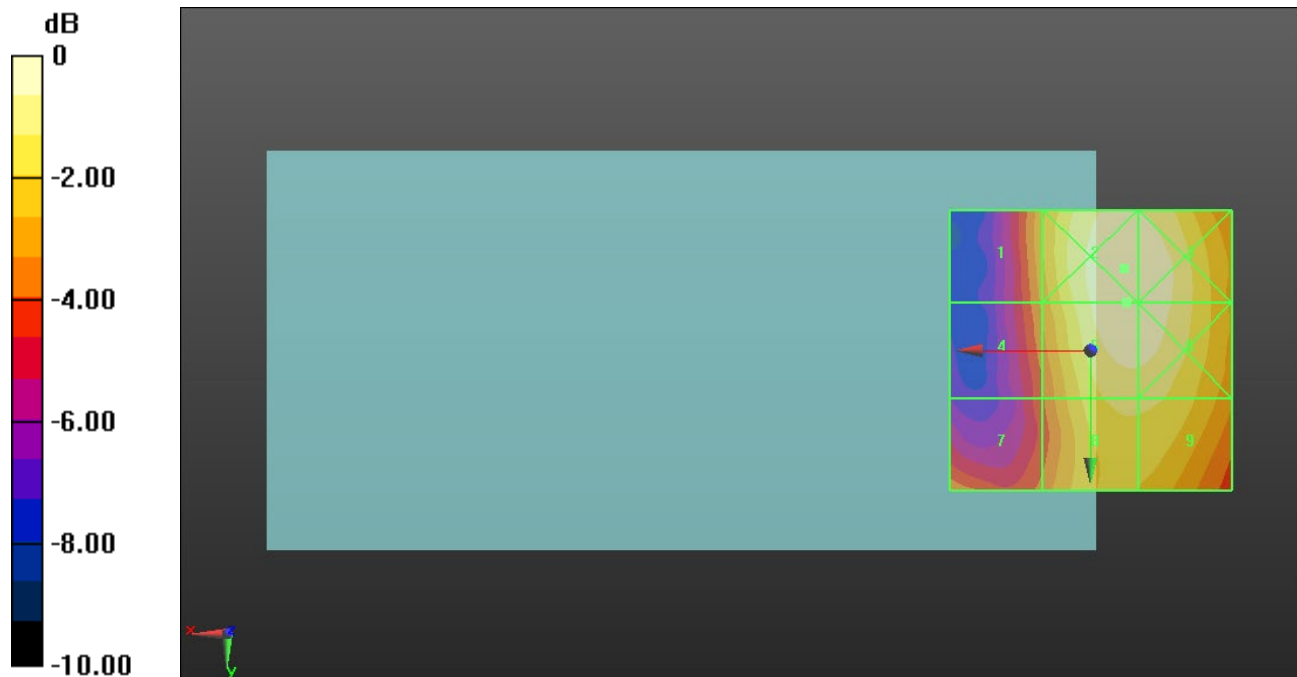
Applied MIF = 3.63 dB

RF audio interference level = 28.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.92 dBV/m	Grid 2 M4 28.59 dBV/m	Grid 3 M4 28.52 dBV/m
Grid 4 M4 25.47 dBV/m	Grid 5 M4 28.52 dBV/m	Grid 6 M4 28.46 dBV/m
Grid 7 M4 25.26 dBV/m	Grid 8 M4 27.5 dBV/m	Grid 9 M4 27.48 dBV/m



0 dB = 26.89 V/m = 28.59 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.40 V/m; Power Drift = -0.08 dB

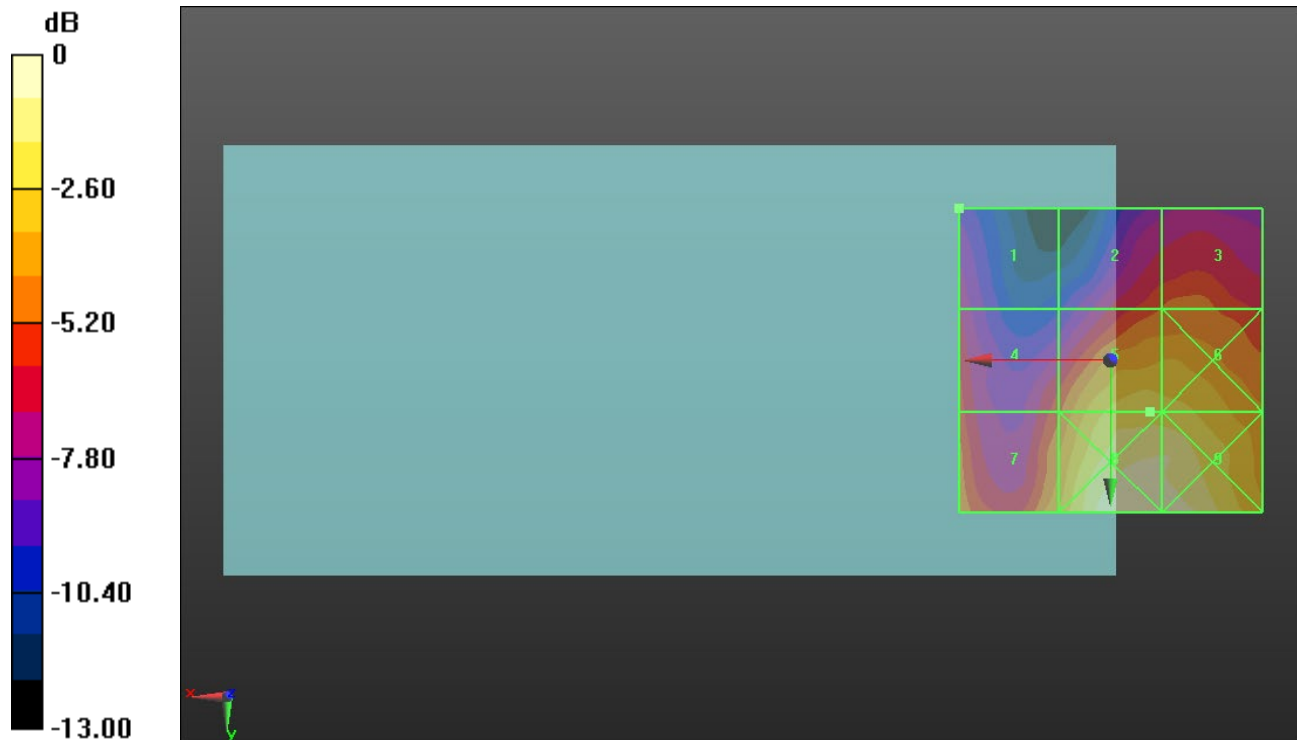
Applied MIF = -1.44 dB

RF audio interference level = 22.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.79 dBV/m	Grid 2 M4 19.54 dBV/m	Grid 3 M4 19.85 dBV/m
Grid 4 M4 19.3 dBV/m	Grid 5 M4 22.58 dBV/m	Grid 6 M4 22.54 dBV/m
Grid 7 M4 21.35 dBV/m	Grid 8 M4 24.66 dBV/m	Grid 9 M4 24.33 dBV/m



0 dB = 17.11 V/m = 24.67 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 = 14.04 V/m; Power Drift = -0.09 dB

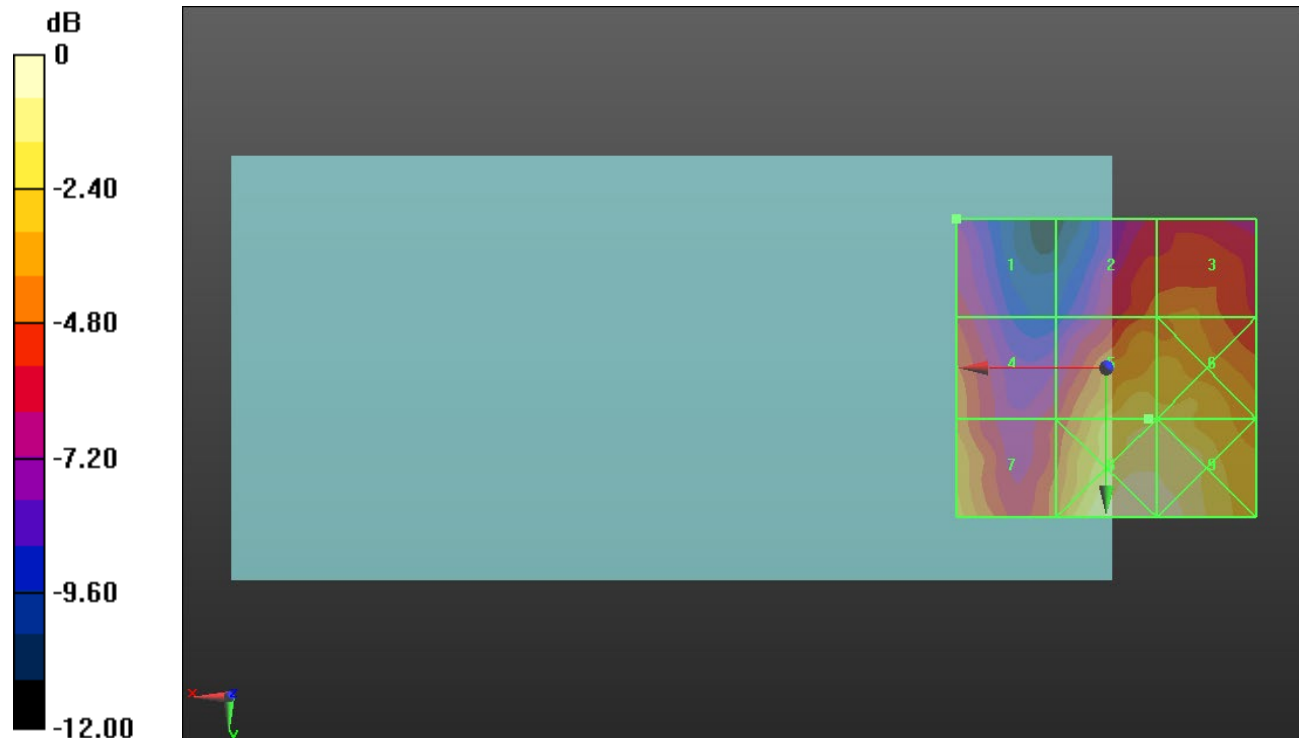
Applied MIF = -1.44 dB

RF audio interference level = 22.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.56 dBV/m	Grid 2 M4 20.05 dBV/m	Grid 3 M4 20.41 dBV/m
Grid 4 M4 20.34 dBV/m	Grid 5 M4 22.54 dBV/m	Grid 6 M4 22.52 dBV/m
Grid 7 M4 21.61 dBV/m	Grid 8 M4 24.28 dBV/m	Grid 9 M4 24.28 dBV/m



0 dB = 16.37 V/m = 24.28 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.58 V/m; Power Drift = -0.10 dB

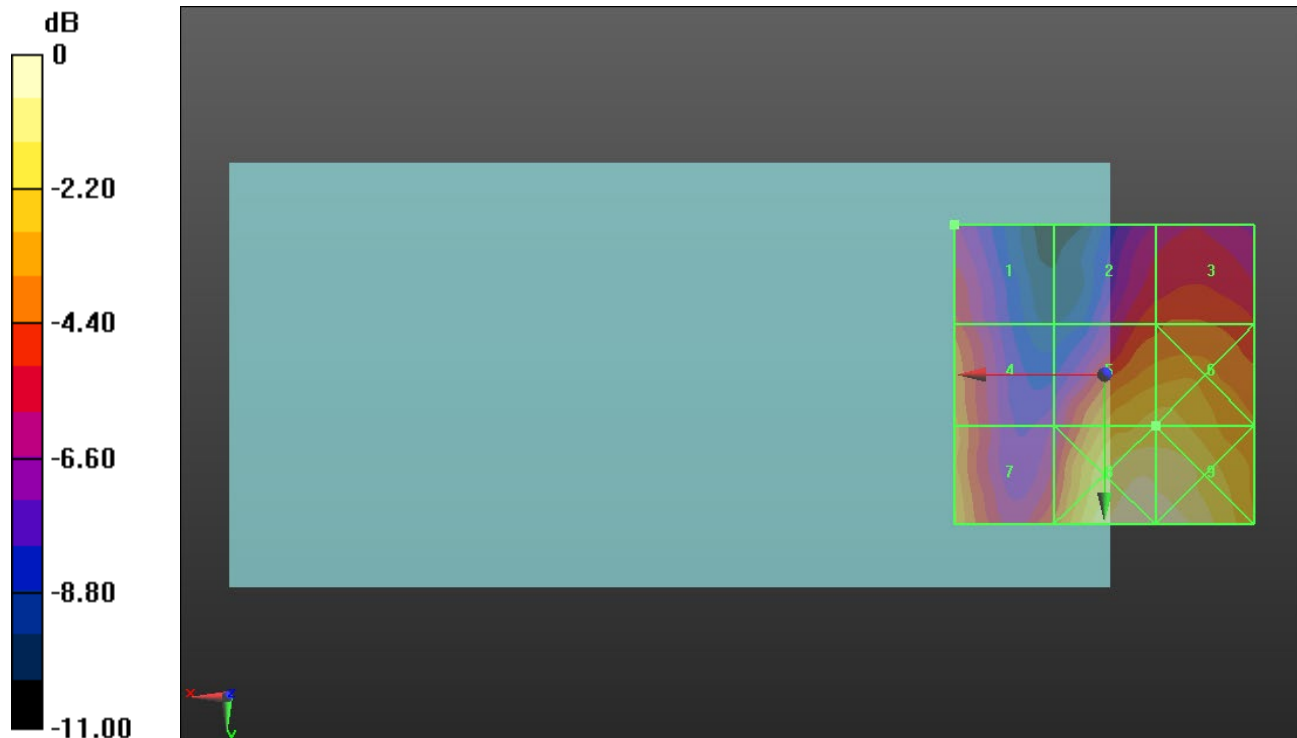
Applied MIF = -1.44 dB

RF audio interference level = 21.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.83 dBV/m	Grid 2 M4 19.11 dBV/m	Grid 3 M4 19.39 dBV/m
Grid 4 M4 20.34 dBV/m	Grid 5 M4 21.71 dBV/m	Grid 6 M4 21.72 dBV/m
Grid 7 M4 20.99 dBV/m	Grid 8 M4 23.68 dBV/m	Grid 9 M4 23.54 dBV/m



0 dB = 15.28 V/m = 23.68 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.51 V/m; Power Drift = -0.13 dB

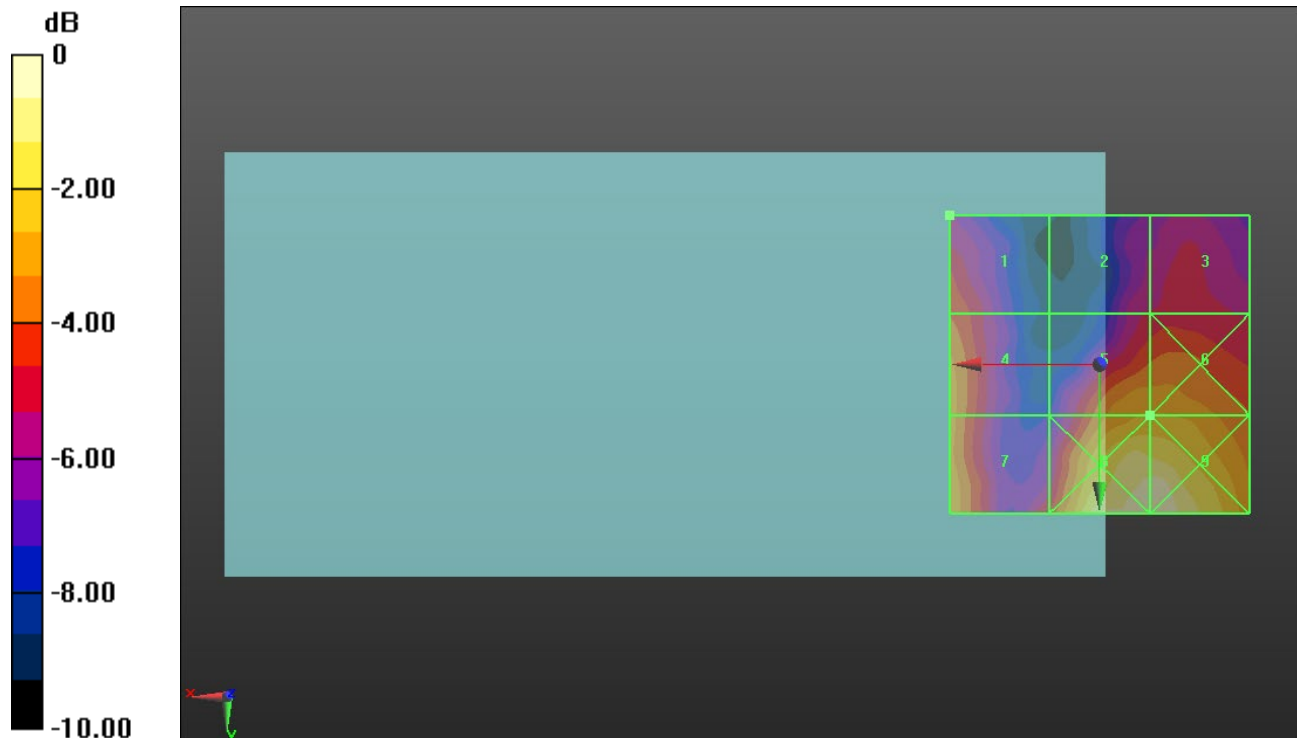
Applied MIF = -1.44 dB

RF audio interference level = 20.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.82 dBV/m	Grid 2 M4 17.66 dBV/m	Grid 3 M4 17.96 dBV/m
Grid 4 M4 19.98 dBV/m	Grid 5 M4 20.29 dBV/m	Grid 6 M4 20.29 dBV/m
Grid 7 M4 20.25 dBV/m	Grid 8 M4 22.84 dBV/m	Grid 9 M4 22.89 dBV/m



0 dB = 13.94 V/m = 22.89 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.248 V/m; Power Drift = 0.16 dB

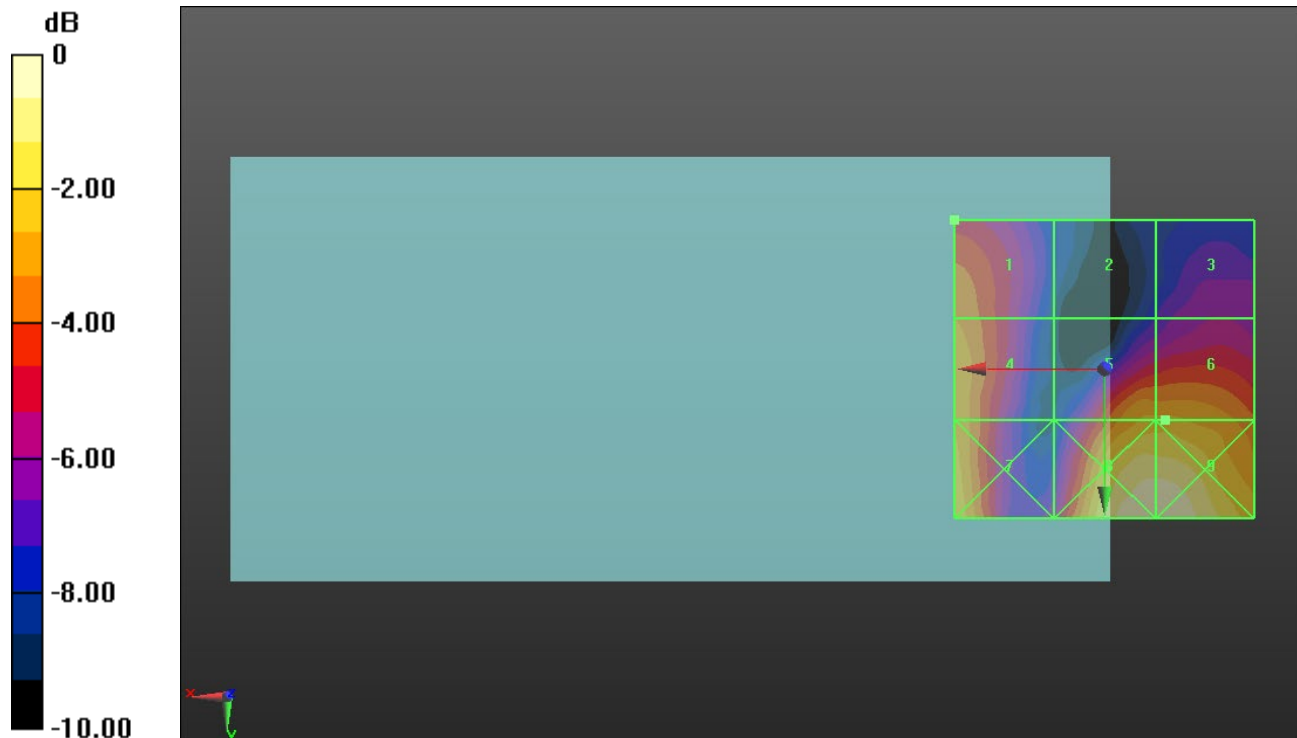
Applied MIF = -1.44 dB

RF audio interference level = 19.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.35 dBV/m	Grid 2 M4 14.38 dBV/m	Grid 3 M4 15.72 dBV/m
Grid 4 M4 19.01 dBV/m	Grid 5 M4 19.17 dBV/m	Grid 6 M4 19.19 dBV/m
Grid 7 M4 19.74 dBV/m	Grid 8 M4 21.66 dBV/m	Grid 9 M4 21.58 dBV/m



0 dB = 12.10 V/m = 21.66 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 = 14.31 V/m; Power Drift = 0.37 dB

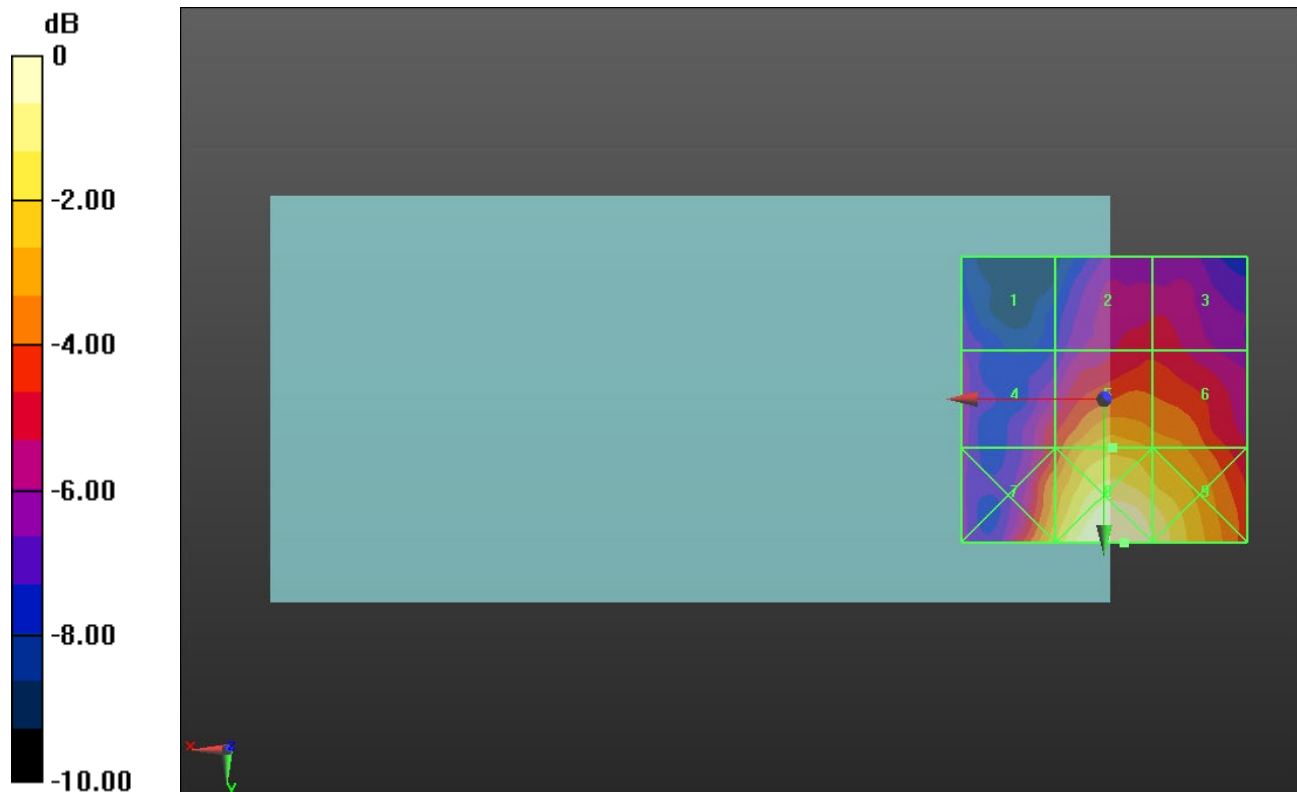
Applied MIF = -1.44 dB

RF audio interference level = 22.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.26 dBV/m	Grid 2 M4 20.08 dBV/m	Grid 3 M4 20.08 dBV/m
Grid 4 M4 20.29 dBV/m	Grid 5 M4 22.58 dBV/m	Grid 6 M4 22.08 dBV/m
Grid 7 M4 22.86 dBV/m	Grid 8 M4 24.81 dBV/m	Grid 9 M4 24.13 dBV/m



0 dB = 17.40 V/m = 24.81 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 = 15.68 V/m; Power Drift = 0.12 dB

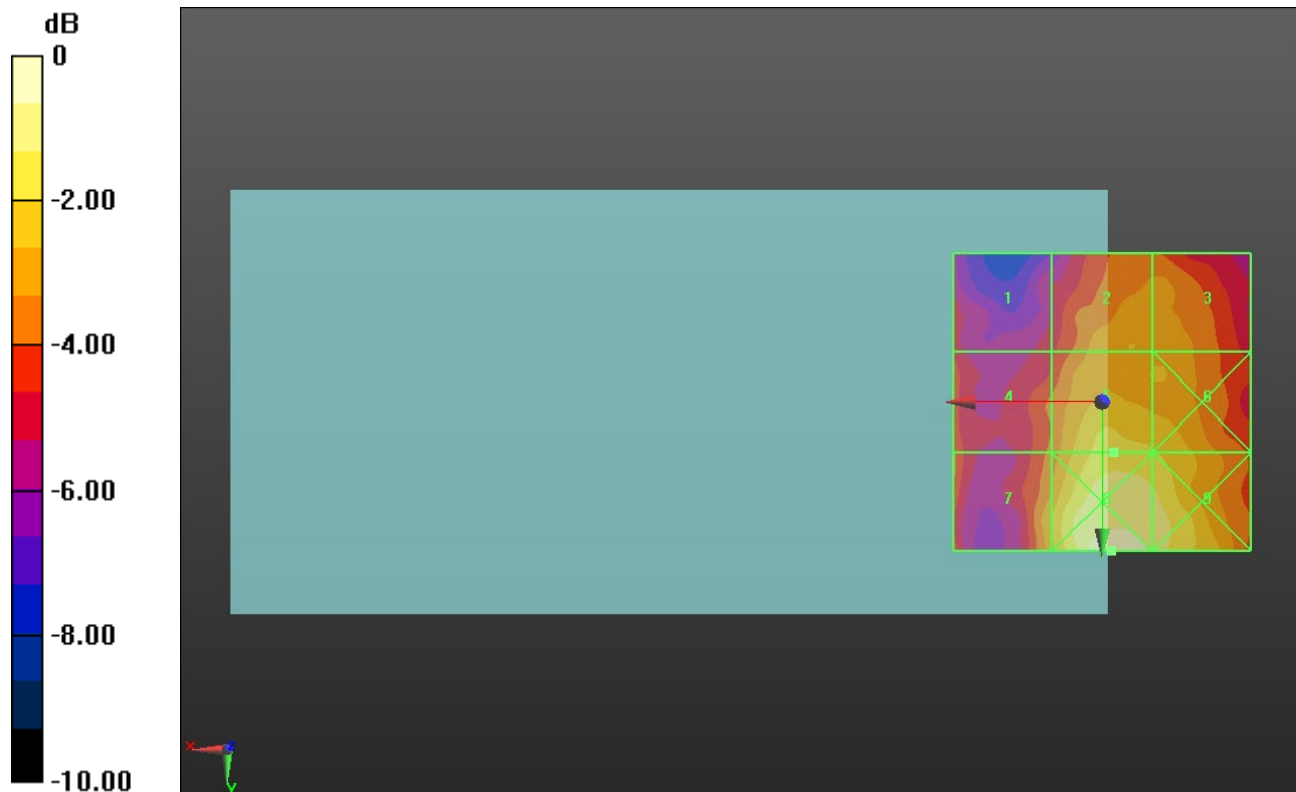
Applied MIF = -1.44 dB

RF audio interference level = 21.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.77 dBV/m	Grid 2 M4 20.89 dBV/m	Grid 3 M4 20.58 dBV/m
Grid 4 M4 19.81 dBV/m	Grid 5 M4 21.89 dBV/m	Grid 6 M4 21.62 dBV/m
Grid 7 M4 20.9 dBV/m	Grid 8 M4 23.54 dBV/m	Grid 9 M4 22.62 dBV/m



0 dB = 15.03 V/m = 23.54 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 = 14.55 V/m; Power Drift = 0.17 dB

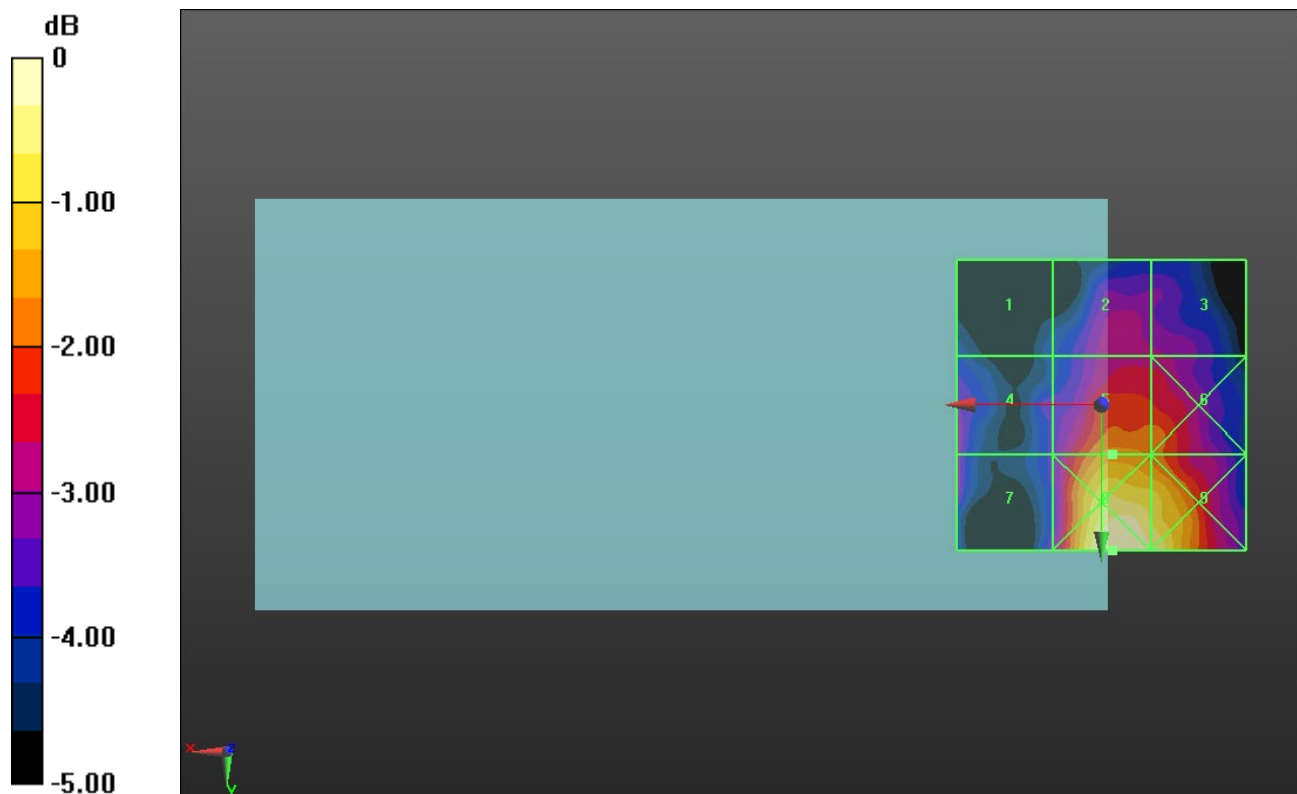
Applied MIF = -1.44 dB

RF audio interference level = 21.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.64 dBV/m	Grid 2 M4 19.85 dBV/m	Grid 3 M4 19.76 dBV/m
Grid 4 M4 19.77 dBV/m	Grid 5 M4 21.13 dBV/m	Grid 6 M4 20.86 dBV/m
Grid 7 M4 19.72 dBV/m	Grid 8 M4 22.62 dBV/m	Grid 9 M4 22.37 dBV/m



0 dB = 13.52 V/m = 22.62 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.56 V/m; Power Drift = -0.09 dB

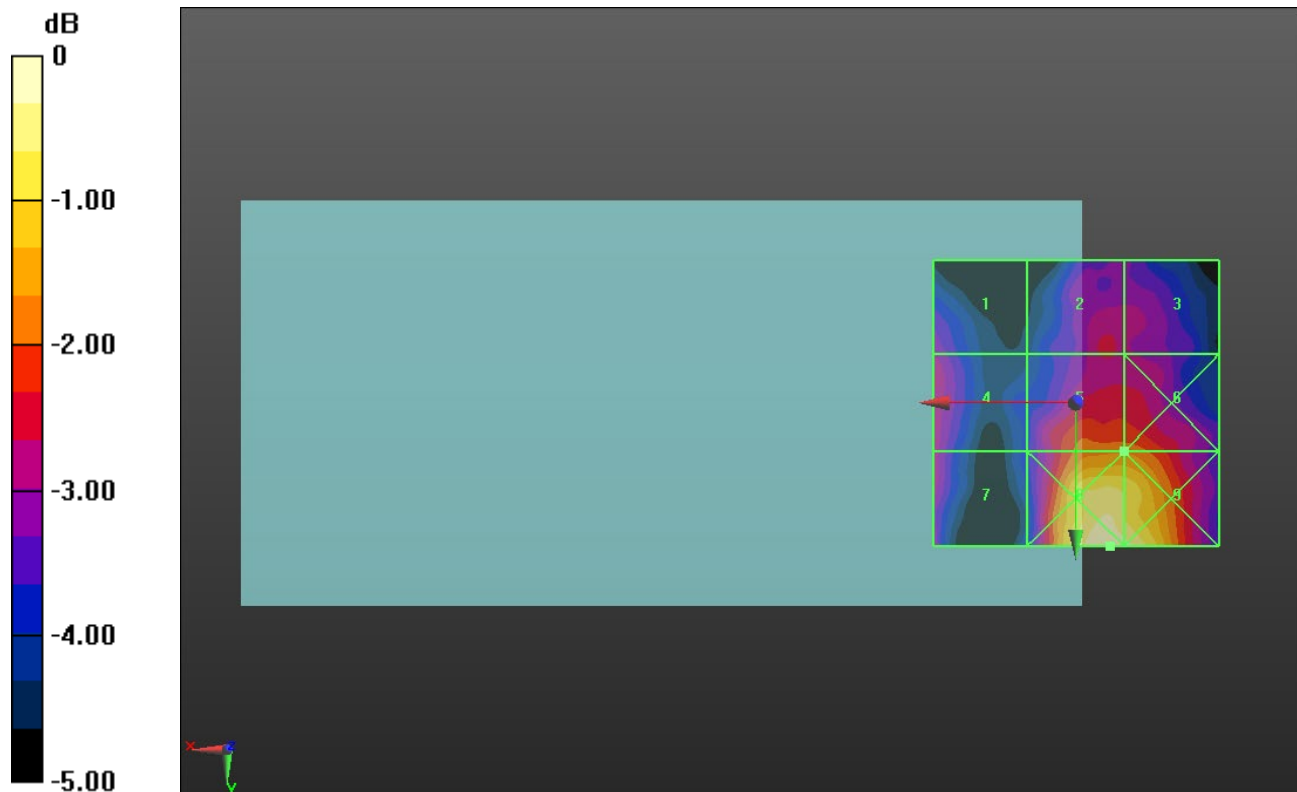
Applied MIF = -1.44 dB

RF audio interference level = 21.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.1 dBV/m	Grid 2 M4 20.53 dBV/m	Grid 3 M4 20.27 dBV/m
Grid 4 M4 20.5 dBV/m	Grid 5 M4 21.33 dBV/m	Grid 6 M4 21.33 dBV/m
Grid 7 M4 20.34 dBV/m	Grid 8 M4 23.05 dBV/m	Grid 9 M4 22.9 dBV/m



0 dB = 14.21 V/m = 23.05 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 = 5.679 V/m; Power Drift = 0.63 dB

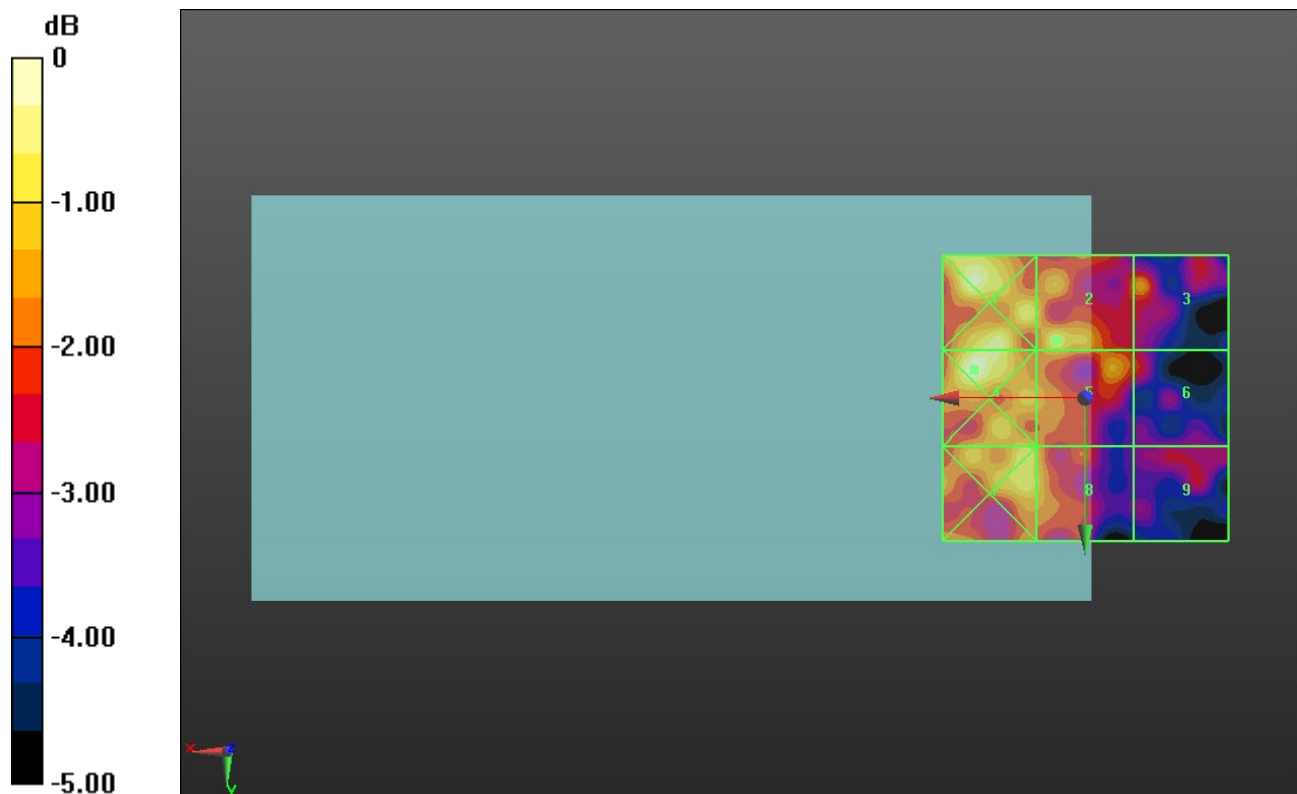
Applied MIF = -1.44 dB

RF audio interference level = 15.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.53 dBV/m	Grid 2 M4 15.01 dBV/m	Grid 3 M4 14.26 dBV/m
Grid 4 M4 15.71 dBV/m	Grid 5 M4 14.61 dBV/m	Grid 6 M4 13.58 dBV/m
Grid 7 M4 15.01 dBV/m	Grid 8 M4 14.62 dBV/m	Grid 9 M4 13.27 dBV/m



0 dB = 6.103 V/m = 15.71 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 = 11.98 V/m; Power Drift = -0.02 dB

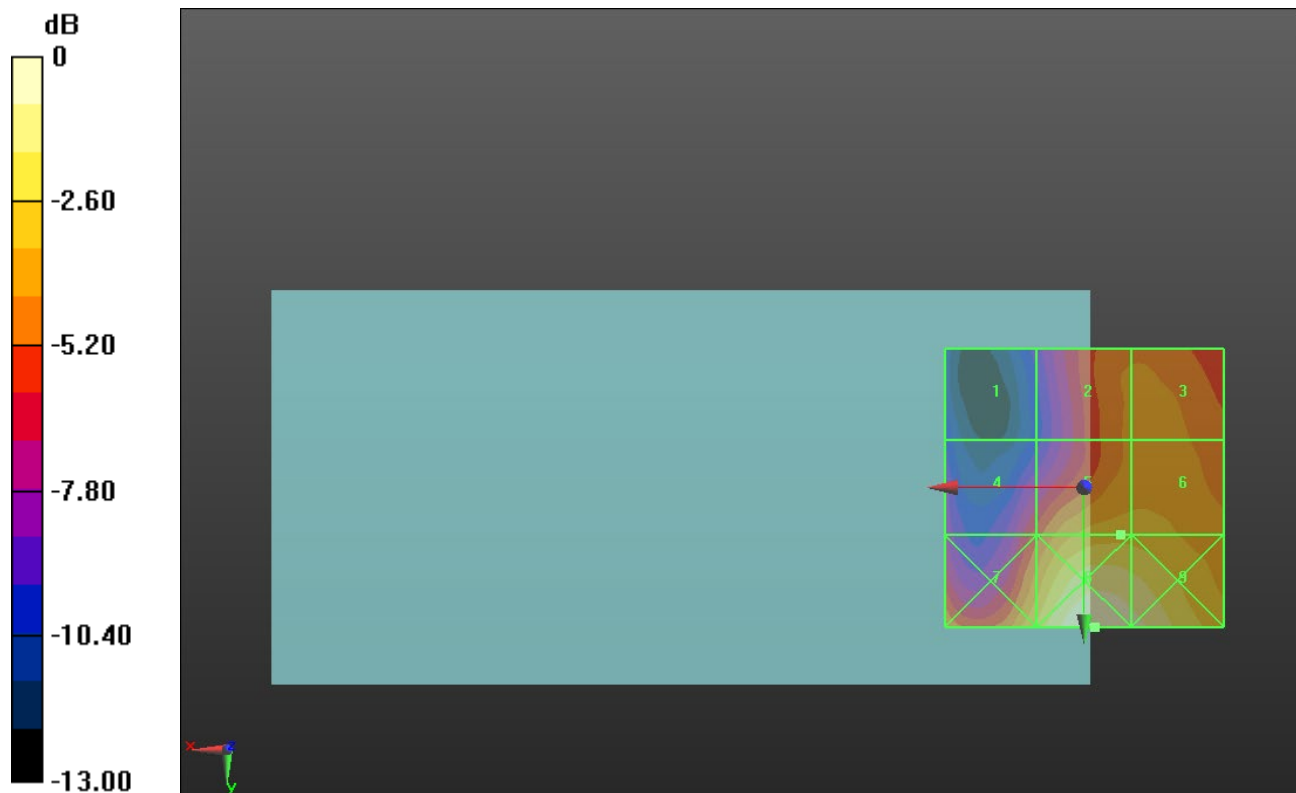
Applied MIF = -1.44 dB

RF audio interference level = 21.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.47 dBV/m	Grid 2 M4 20.35 dBV/m	Grid 3 M4 20.54 dBV/m
Grid 4 M4 18.92 dBV/m	Grid 5 M4 21.6 dBV/m	Grid 6 M4 21.57 dBV/m
Grid 7 M4 22.13 dBV/m	Grid 8 M4 24.46 dBV/m	Grid 9 M4 23.96 dBV/m



0 dB = 16.71 V/m = 24.46 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 = 129.3 V/m; Power Drift = -0.03 dB

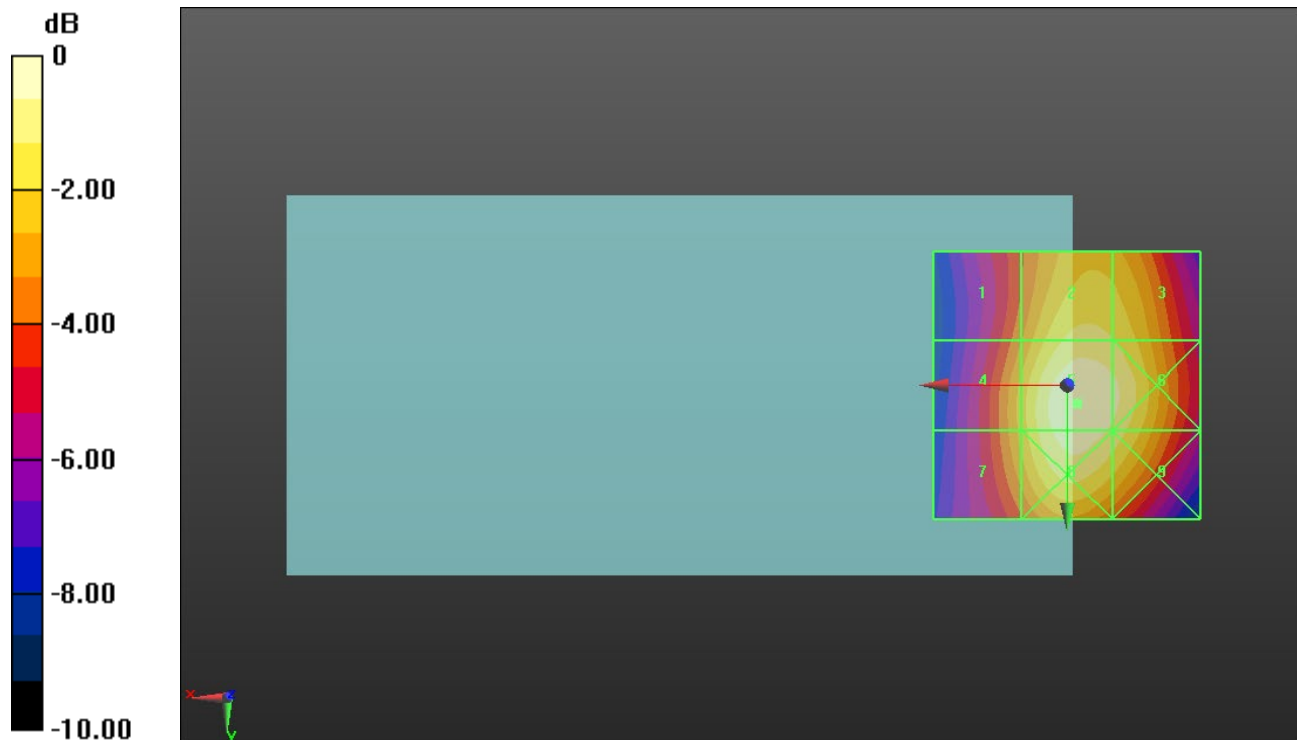
Applied MIF = 3.63 dB

RF audio interference level = 40.58 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.25 dBV/m	Grid 2 M4 39.53 dBV/m	Grid 3 M4 39.28 dBV/m
Grid 4 M4 38.29 dBV/m	Grid 5 M3 40.58 dBV/m	Grid 6 M3 40.12 dBV/m
Grid 7 M4 38.2 dBV/m	Grid 8 M3 40.32 dBV/m	Grid 9 M4 39.74 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: 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 = 140.6 V/m; Power Drift = -0.00 dB

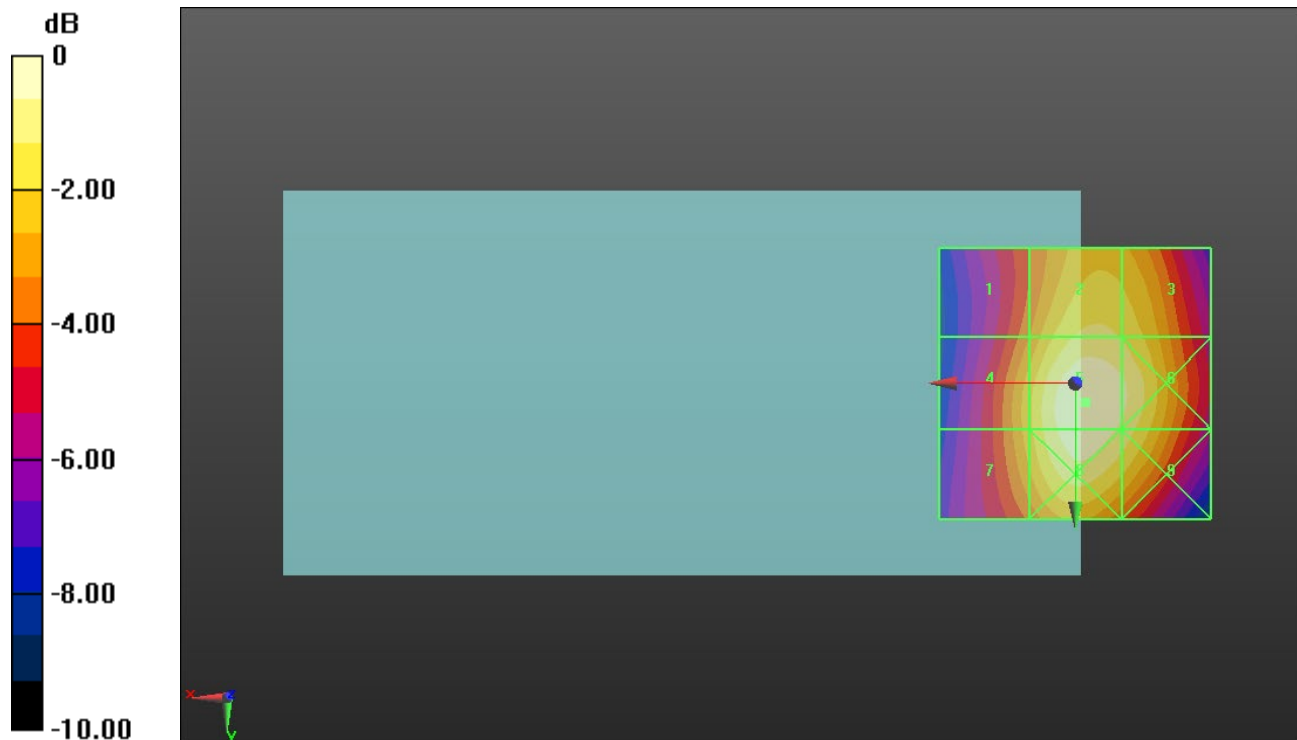
Applied MIF = 3.63 dB

RF audio interference level = 41.30 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.99 dBV/m	Grid 2 M3 40.22 dBV/m	Grid 3 M4 39.94 dBV/m
Grid 4 M4 39.18 dBV/m	Grid 5 M3 41.3 dBV/m	Grid 6 M3 40.82 dBV/m
Grid 7 M4 39.1 dBV/m	Grid 8 M3 41.11 dBV/m	Grid 9 M3 40.48 dBV/m



0 dB = 116.2 V/m = 41.30 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 251/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 138.4 V/m; Power Drift = 0.05 dB

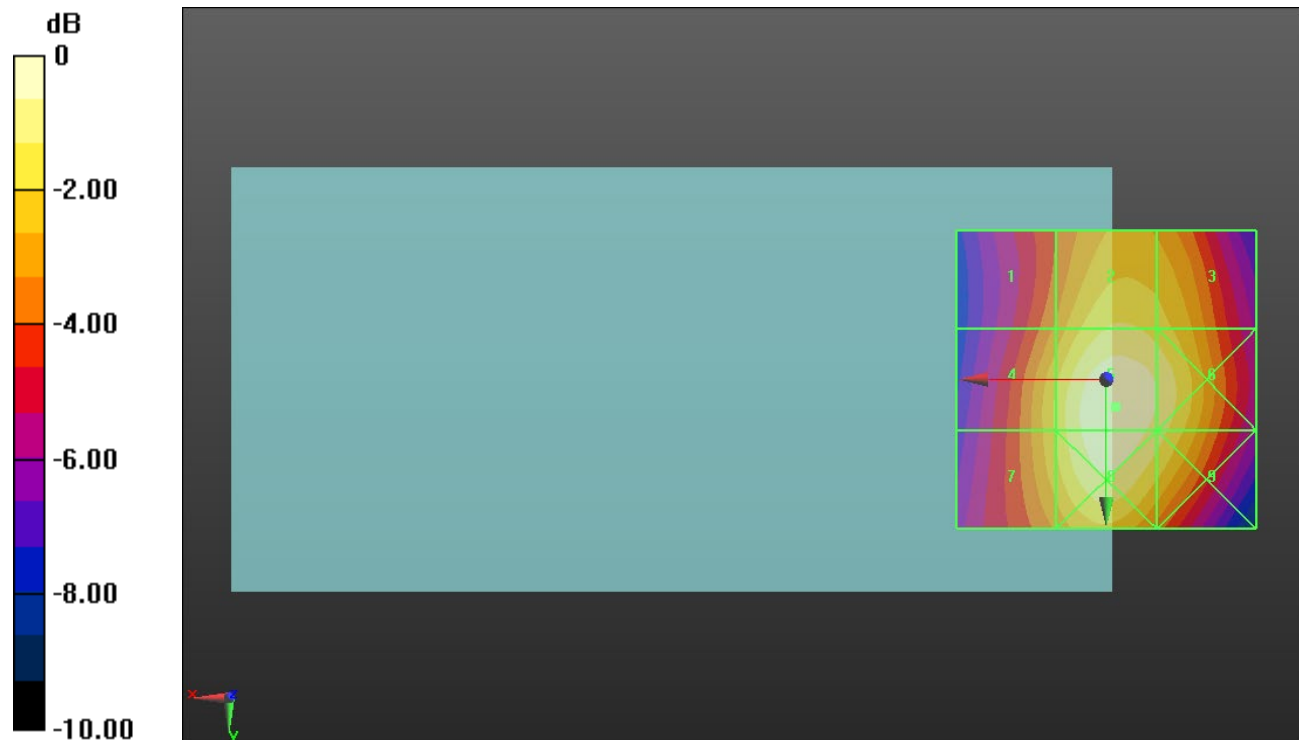
Applied MIF = 3.63 dB

RF audio interference level = 41.26 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.09 dBV/m	Grid 2 M3 40.04 dBV/m	Grid 3 M4 39.66 dBV/m
Grid 4 M4 39.38 dBV/m	Grid 5 M3 41.26 dBV/m	Grid 6 M3 40.59 dBV/m
Grid 7 M4 39.32 dBV/m	Grid 8 M3 41.14 dBV/m	Grid 9 M3 40.29 dBV/m



0 dB = 115.6 V/m = 41.26 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 = 22.49 V/m; Power Drift = -0.13 dB

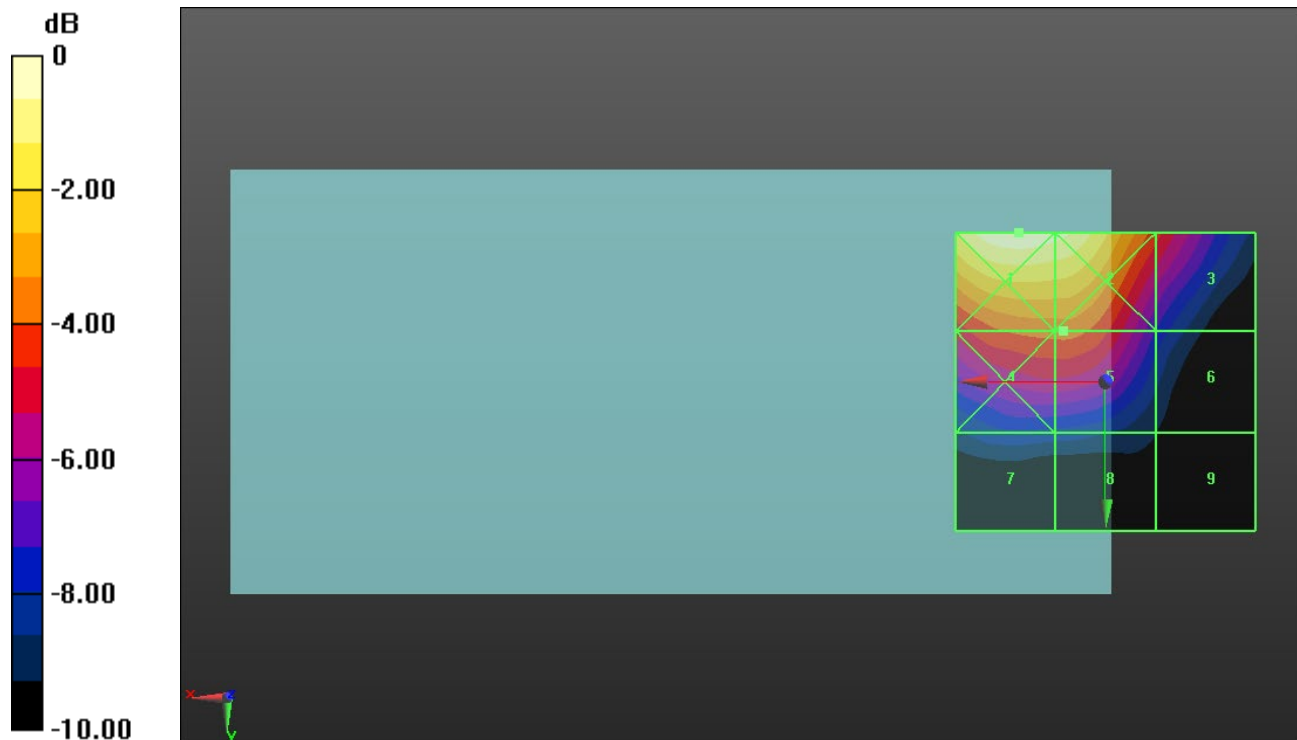
Applied MIF = 3.63 dB

RF audio interference level = 30.12 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.82 dBV/m	Grid 2 M3 33.47 dBV/m	Grid 3 M4 29.43 dBV/m
Grid 4 M3 30.09 dBV/m	Grid 5 M3 30.12 dBV/m	Grid 6 M4 26.45 dBV/m
Grid 7 M4 25.76 dBV/m	Grid 8 M4 25.62 dBV/m	Grid 9 M4 24.53 dBV/m



0 dB = 49.08 V/m = 33.82 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 = 20.76 V/m; Power Drift = 0.02 dB

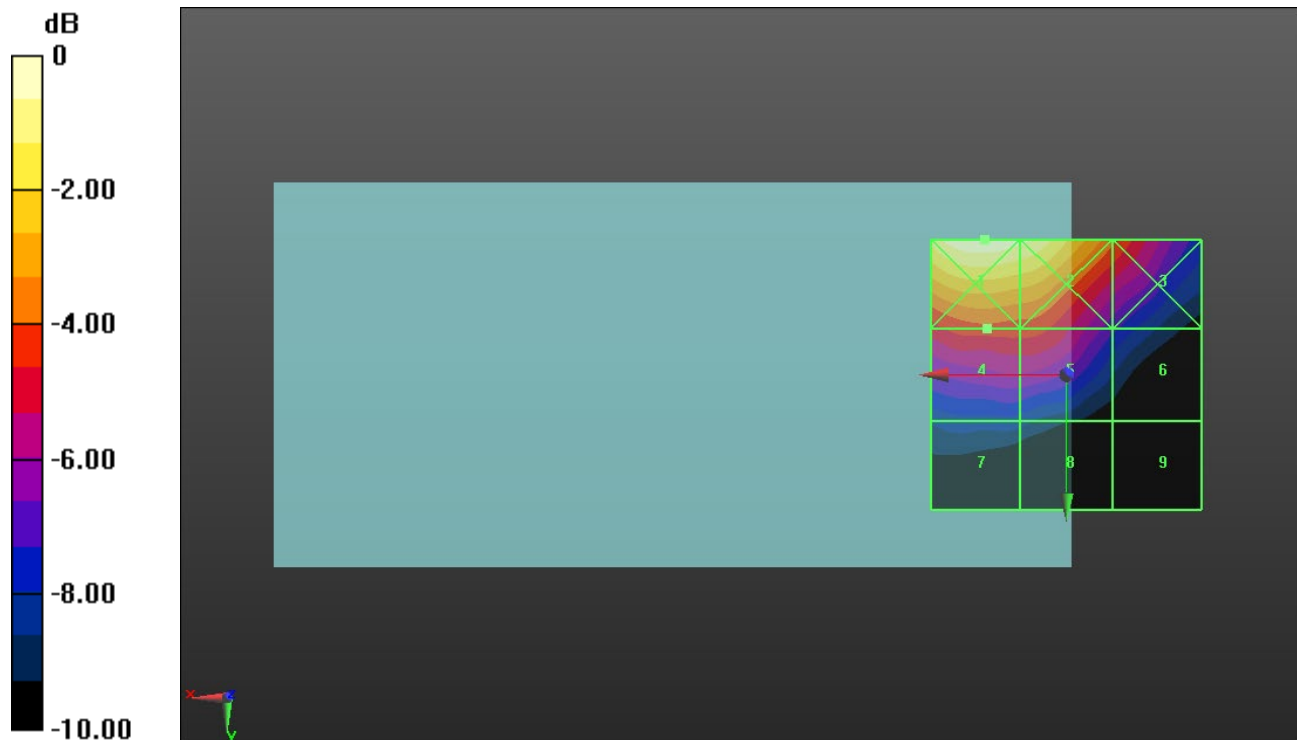
Applied MIF = 3.63 dB

RF audio interference level = 29.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.78 dBV/m	Grid 2 M3 33.37 dBV/m	Grid 3 M3 30.01 dBV/m
Grid 4 M4 29.54 dBV/m	Grid 5 M4 29.44 dBV/m	Grid 6 M4 26.67 dBV/m
Grid 7 M4 25.6 dBV/m	Grid 8 M4 25.44 dBV/m	Grid 9 M4 23.9 dBV/m



0 dB = 48.85 V/m = 33.78 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.75 V/m; Power Drift = 0.01 dB

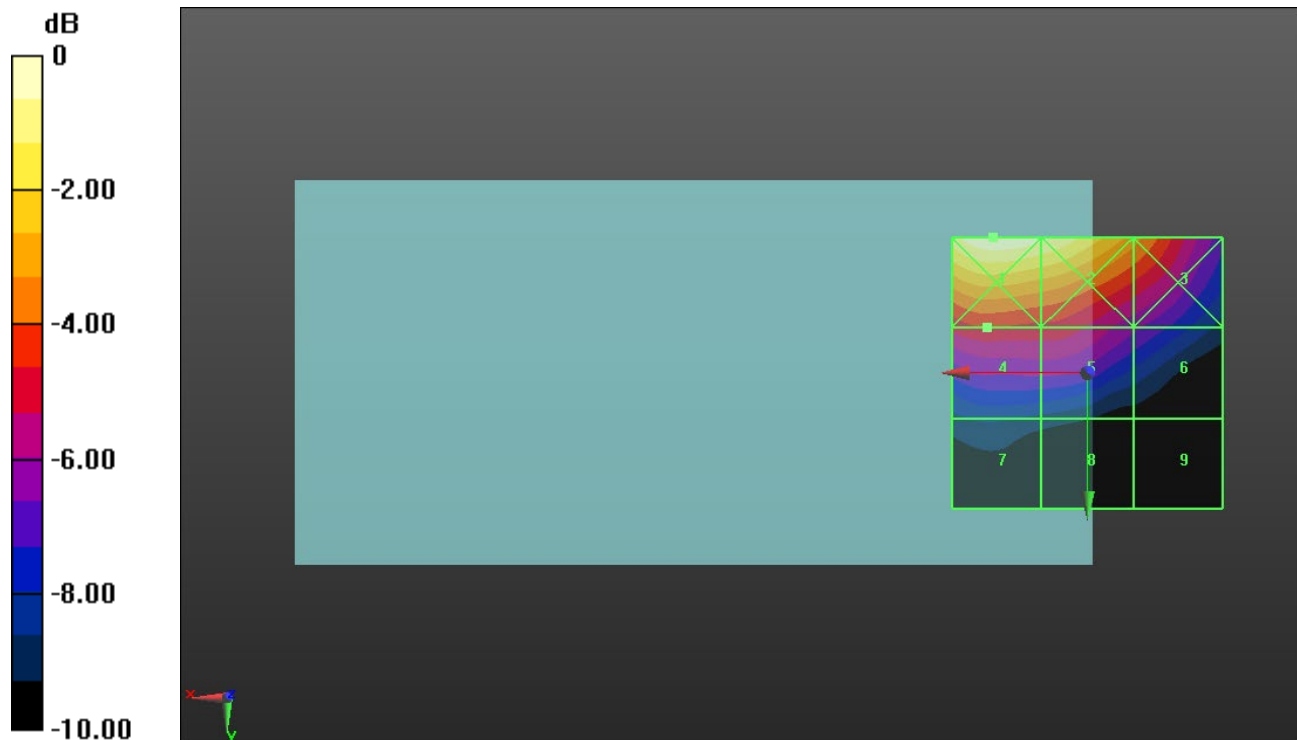
Applied MIF = 3.63 dB

RF audio interference level = 28.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.53 dBV/m	Grid 2 M3 33.12 dBV/m	Grid 3 M3 30.53 dBV/m
Grid 4 M4 28.91 dBV/m	Grid 5 M4 28.7 dBV/m	Grid 6 M4 27.1 dBV/m
Grid 7 M4 25.02 dBV/m	Grid 8 M4 24.67 dBV/m	Grid 9 M4 23.8 dBV/m



0 dB = 47.46 V/m = 33.53 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 = 29.29 V/m; Power Drift = 0.09 dB

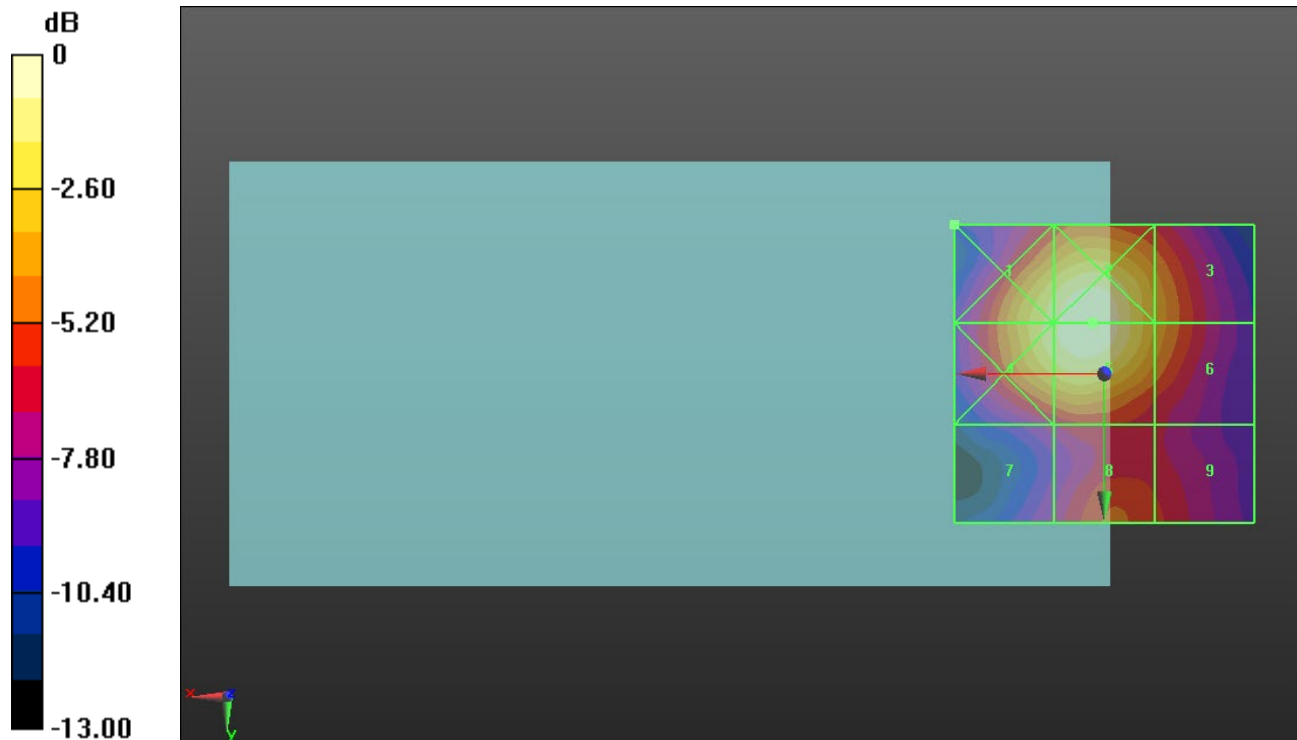
Applied MIF = -1.44 dB

RF audio interference level = 26.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.9 dBV/m	Grid 2 M4 26.03 dBV/m	Grid 3 M4 22.51 dBV/m
Grid 4 M4 24.99 dBV/m	Grid 5 M4 26.03 dBV/m	Grid 6 M4 22.5 dBV/m
Grid 7 M4 18.97 dBV/m	Grid 8 M4 21.03 dBV/m	Grid 9 M4 20.27 dBV/m



0 dB = 20.02 V/m = 26.03 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 24.43 V/m; Power Drift = -0.05 dB

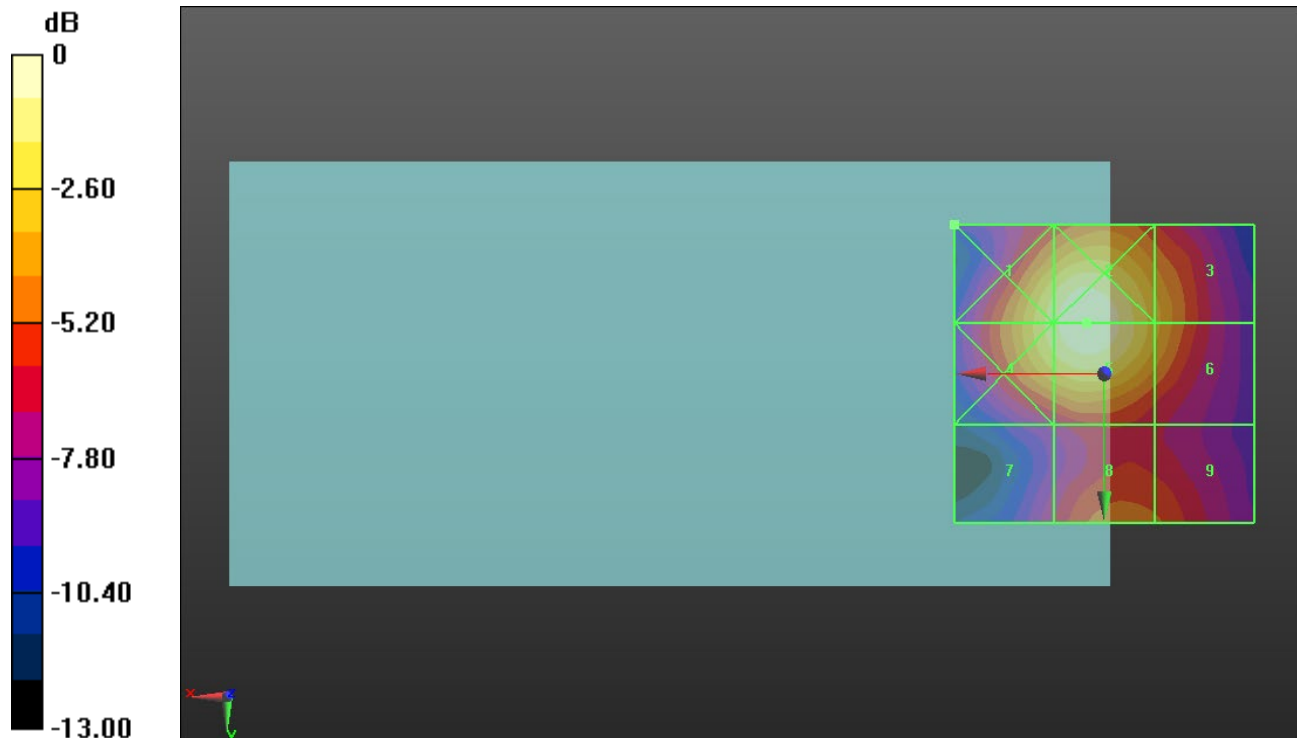
Applied MIF = -1.44 dB

RF audio interference level = 24.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.28 dBV/m	Grid 2 M4 24.45 dBV/m	Grid 3 M4 21.35 dBV/m
Grid 4 M4 23.28 dBV/m	Grid 5 M4 24.45 dBV/m	Grid 6 M4 21.34 dBV/m
Grid 7 M4 17.57 dBV/m	Grid 8 M4 19.78 dBV/m	Grid 9 M4 19.46 dBV/m



0 dB = 16.70 V/m = 24.45 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 = 5.454 V/m; Power Drift = -0.07 dB

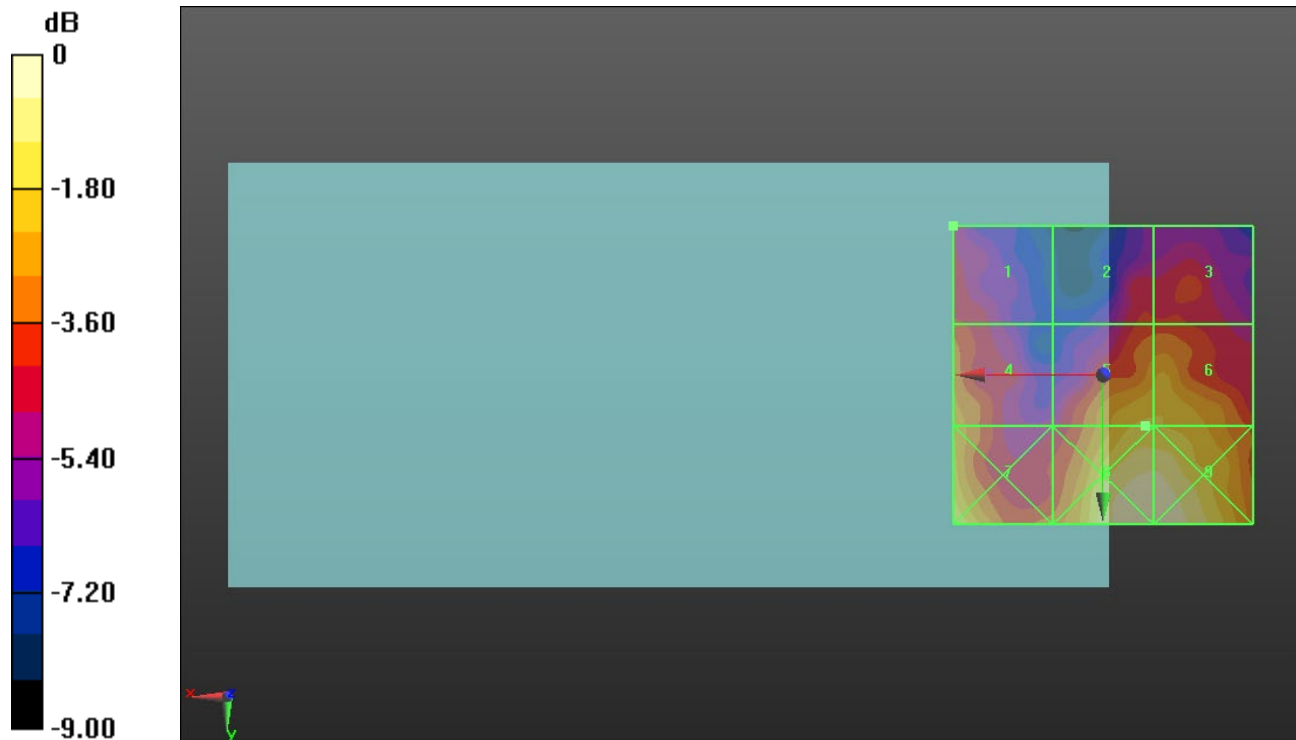
Applied MIF = -1.44 dB

RF audio interference level = 13.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.38 dBV/m	Grid 2 M4 11.46 dBV/m	Grid 3 M4 11.61 dBV/m
Grid 4 M4 12.92 dBV/m	Grid 5 M4 13.73 dBV/m	Grid 6 M4 13.68 dBV/m
Grid 7 M4 14.59 dBV/m	Grid 8 M4 15.4 dBV/m	Grid 9 M4 15.4 dBV/m



0 dB = 5.889 V/m = 15.40 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 = 4.742 V/m; Power Drift = -0.05 dB

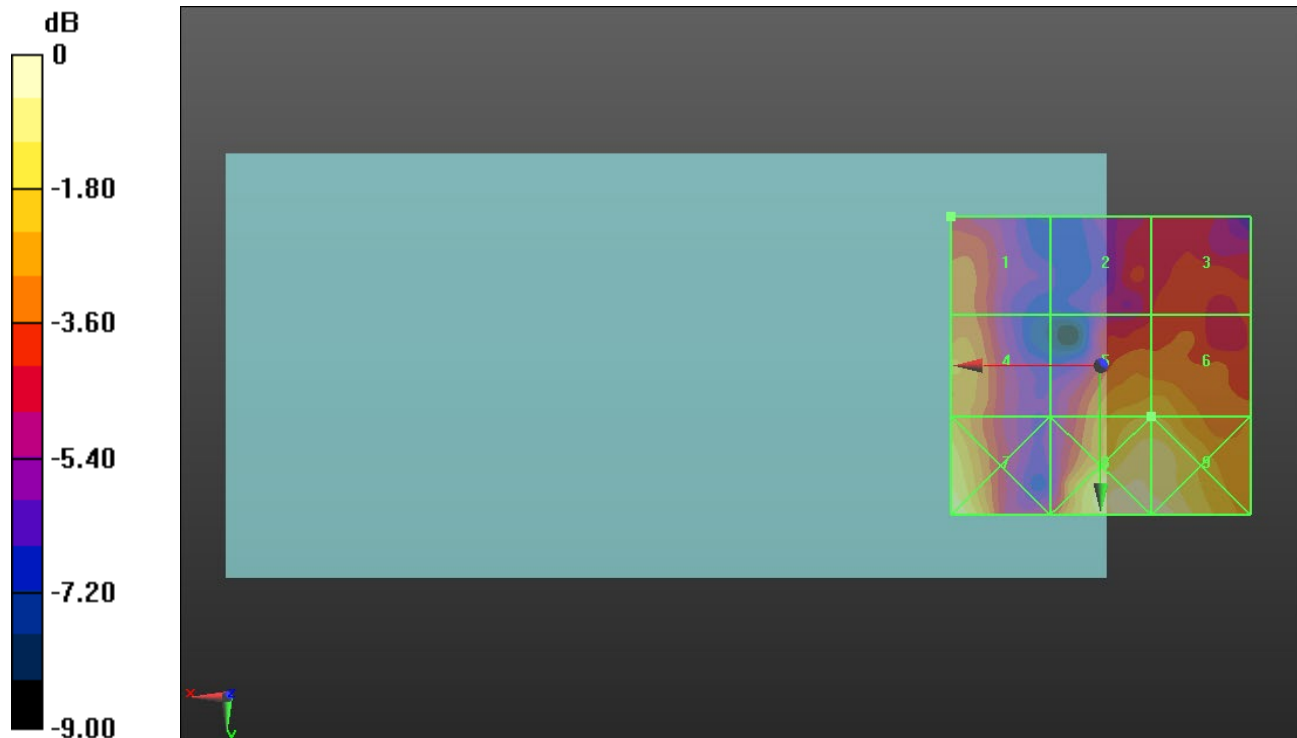
Applied MIF = -1.44 dB

RF audio interference level = 13.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.76 dBV/m	Grid 2 M4 10.86 dBV/m	Grid 3 M4 11.15 dBV/m
Grid 4 M4 12.6 dBV/m	Grid 5 M4 13.12 dBV/m	Grid 6 M4 13.12 dBV/m
Grid 7 M4 14.27 dBV/m	Grid 8 M4 14.9 dBV/m	Grid 9 M4 14.79 dBV/m



0 dB = 5.561 V/m = 14.90 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 = 4.379 V/m; Power Drift = -0.11 dB

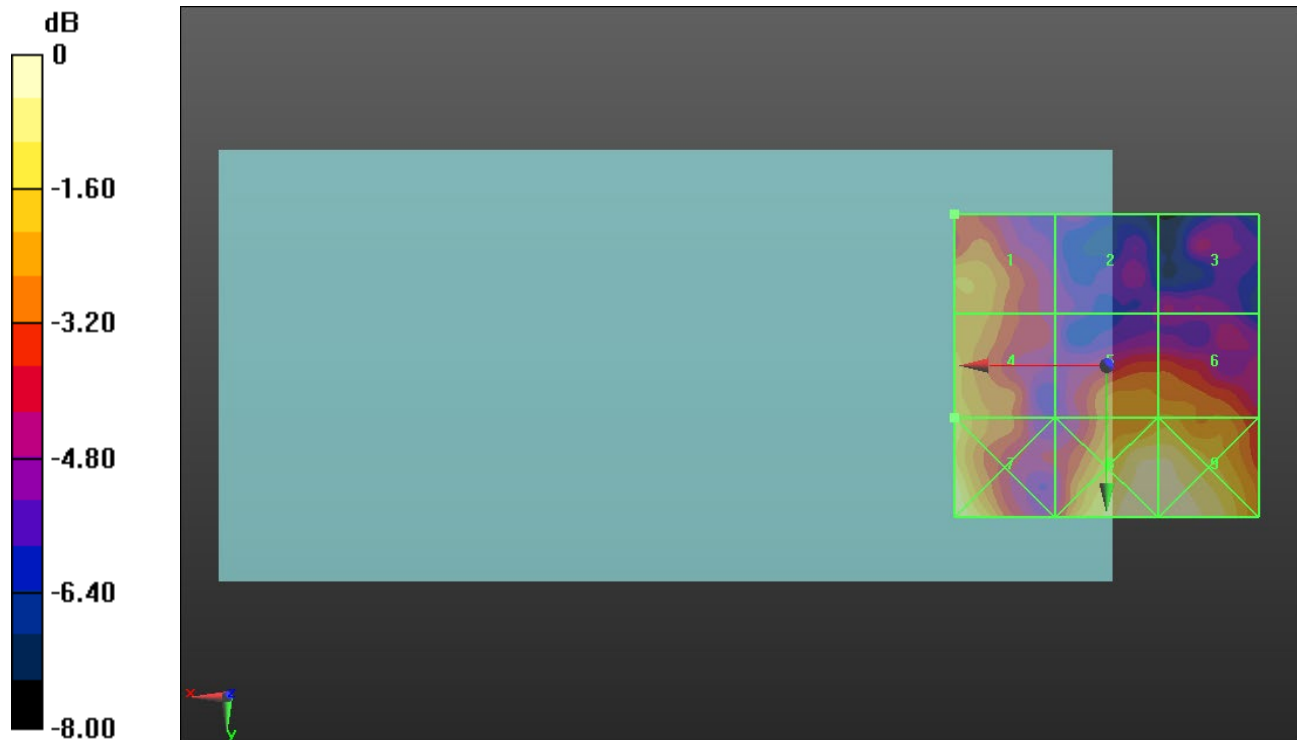
Applied MIF = -1.44 dB

RF audio interference level = 12.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.76 dBV/m	Grid 2 M4 9.16 dBV/m	Grid 3 M4 9.27 dBV/m
Grid 4 M4 12.5 dBV/m	Grid 5 M4 11.79 dBV/m	Grid 6 M4 11.83 dBV/m
Grid 7 M4 13.4 dBV/m	Grid 8 M4 13.82 dBV/m	Grid 9 M4 13.74 dBV/m



0 dB = 4.909 V/m = 13.82 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 = 43.23 V/m; Power Drift = -0.05 dB

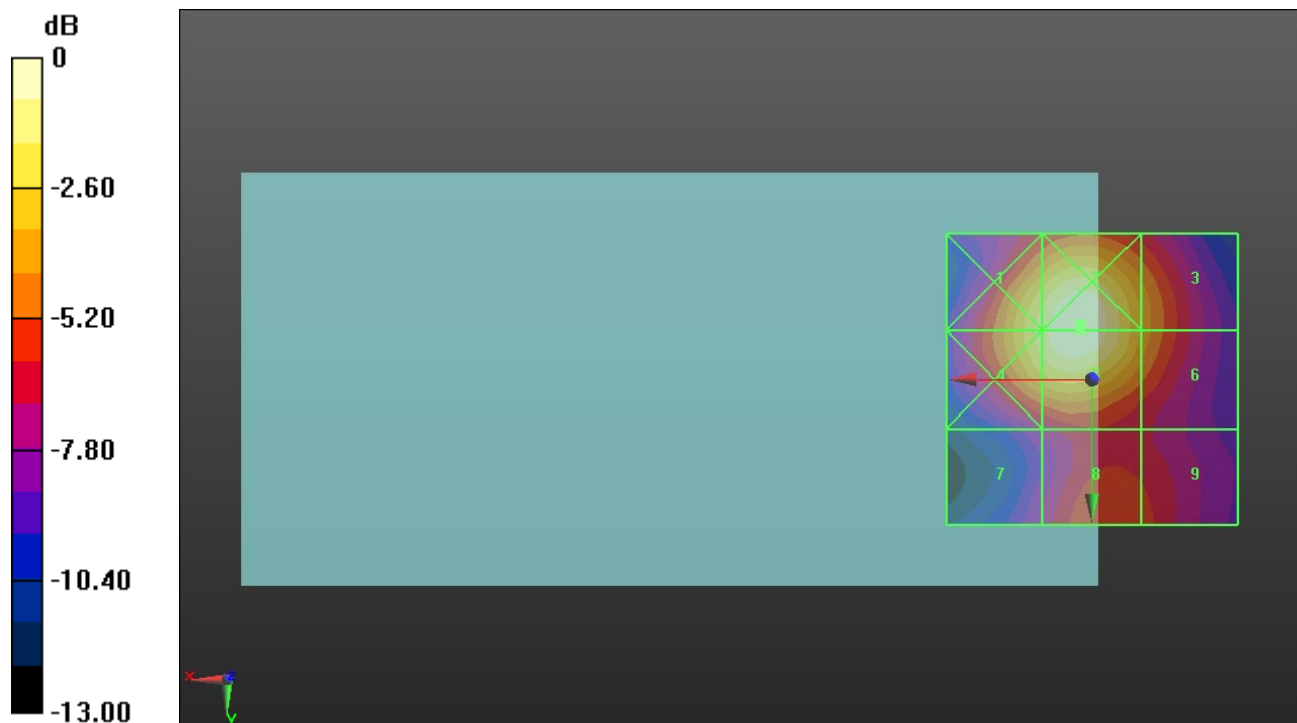
Applied MIF = -1.44 dB

RF audio interference level = 29.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.68 dBV/m	Grid 2 M4 29.95 dBV/m	Grid 3 M4 26.38 dBV/m
Grid 4 M4 28.68 dBV/m	Grid 5 M4 29.93 dBV/m	Grid 6 M4 26.36 dBV/m
Grid 7 M4 22.55 dBV/m	Grid 8 M4 24.75 dBV/m	Grid 9 M4 24.27 dBV/m



0 dB = 31.43 V/m = 29.95 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 = 36.53 V/m; Power Drift = -0.07 dB

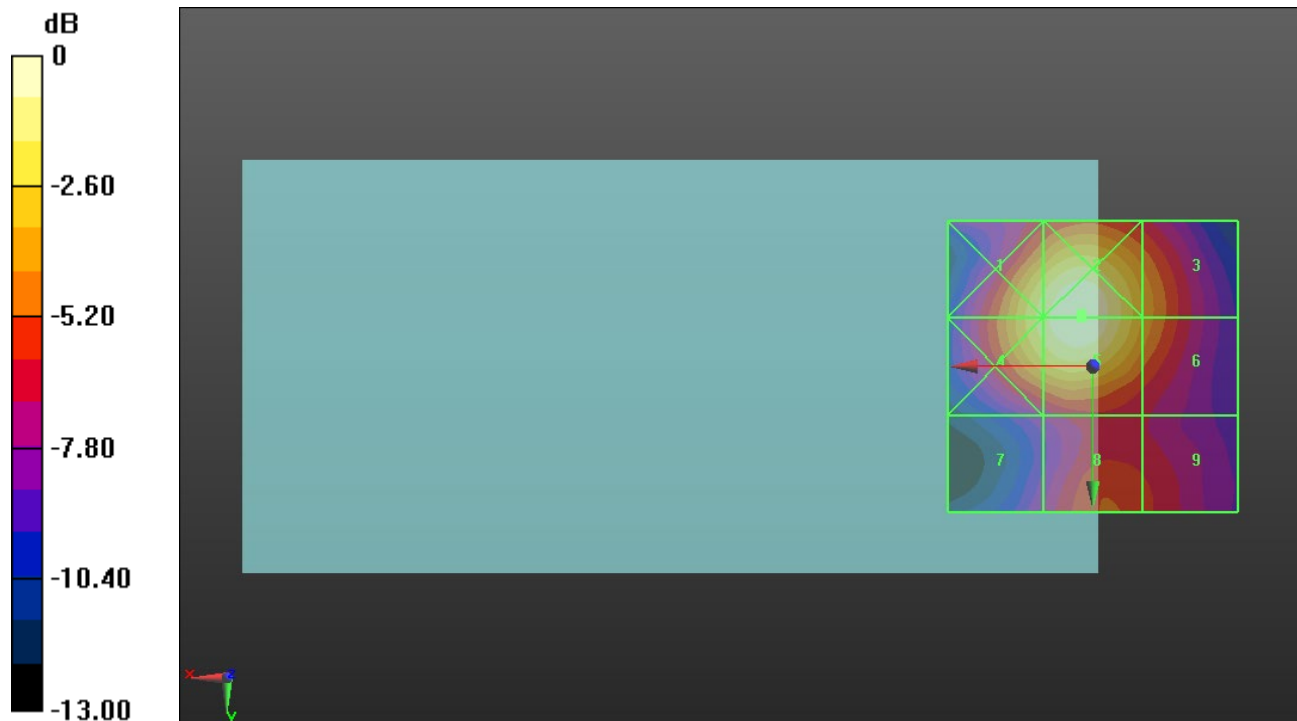
Applied MIF = -1.44 dB

RF audio interference level = 28.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.09 dBV/m	Grid 2 M4 28.29 dBV/m	Grid 3 M4 24.84 dBV/m
Grid 4 M4 27.09 dBV/m	Grid 5 M4 28.28 dBV/m	Grid 6 M4 24.81 dBV/m
Grid 7 M4 20.69 dBV/m	Grid 8 M4 23.18 dBV/m	Grid 9 M4 22.58 dBV/m



0 dB = 25.96 V/m = 28.29 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 = 37.00 V/m; Power Drift = -0.04 dB

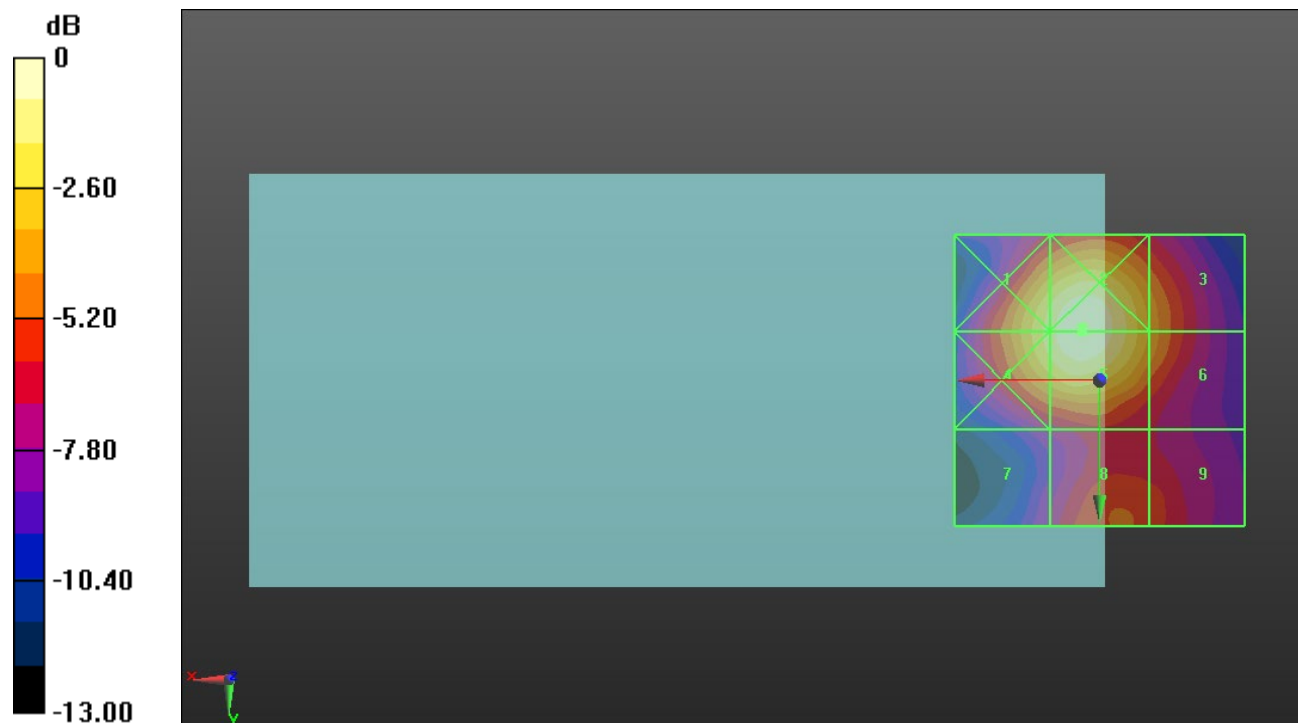
Applied MIF = -1.44 dB

RF audio interference level = 28.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.25 dBV/m	Grid 2 M4 28.48 dBV/m	Grid 3 M4 24.91 dBV/m
Grid 4 M4 27.25 dBV/m	Grid 5 M4 28.47 dBV/m	Grid 6 M4 24.91 dBV/m
Grid 7 M4 20.98 dBV/m	Grid 8 M4 23.39 dBV/m	Grid 9 M4 22.95 dBV/m



0 dB = 26.54 V/m = 28.48 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.14 V/m; Power Drift = 0.00 dB

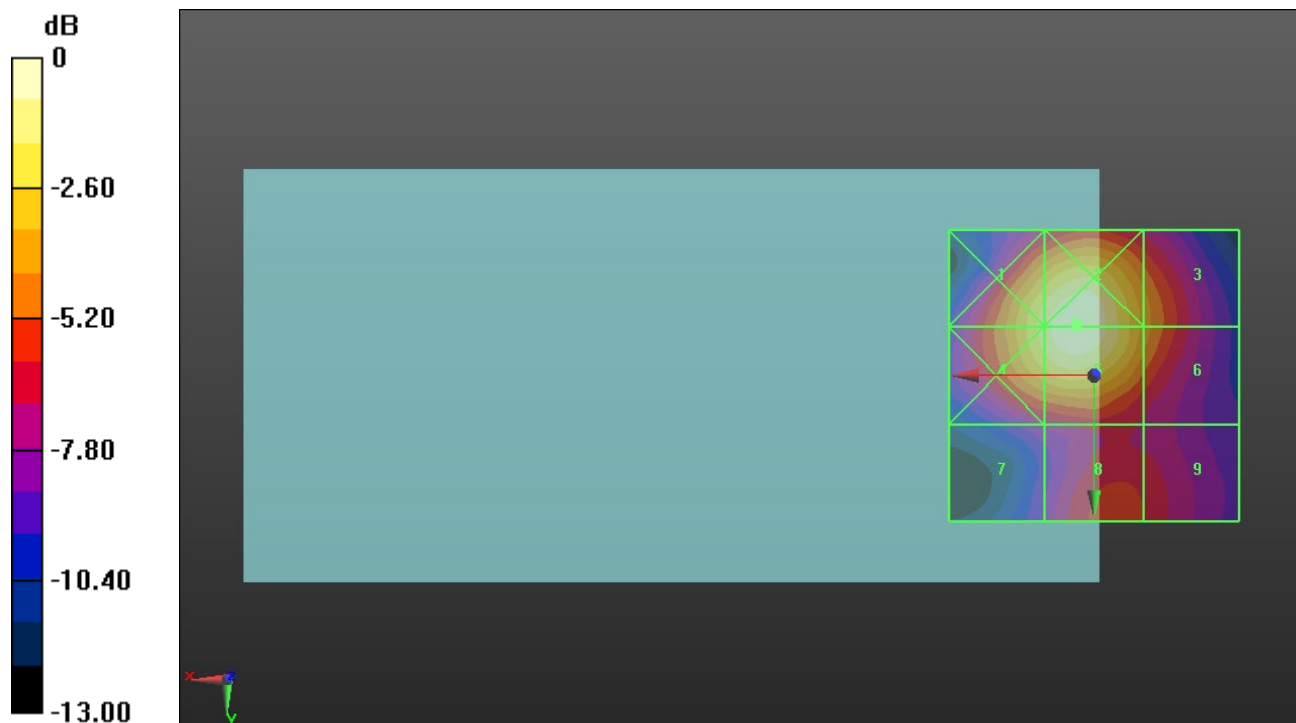
Applied MIF = -1.44 dB

RF audio interference level = 28.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.75 dBV/m	Grid 2 M4 29 dBV/m	Grid 3 M4 25.26 dBV/m
Grid 4 M4 27.75 dBV/m	Grid 5 M4 28.99 dBV/m	Grid 6 M4 25.25 dBV/m
Grid 7 M4 21.45 dBV/m	Grid 8 M4 23.37 dBV/m	Grid 9 M4 22.93 dBV/m



0 dB = 28.17 V/m = 29.00 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 = 47.50 V/m; Power Drift = -0.00 dB

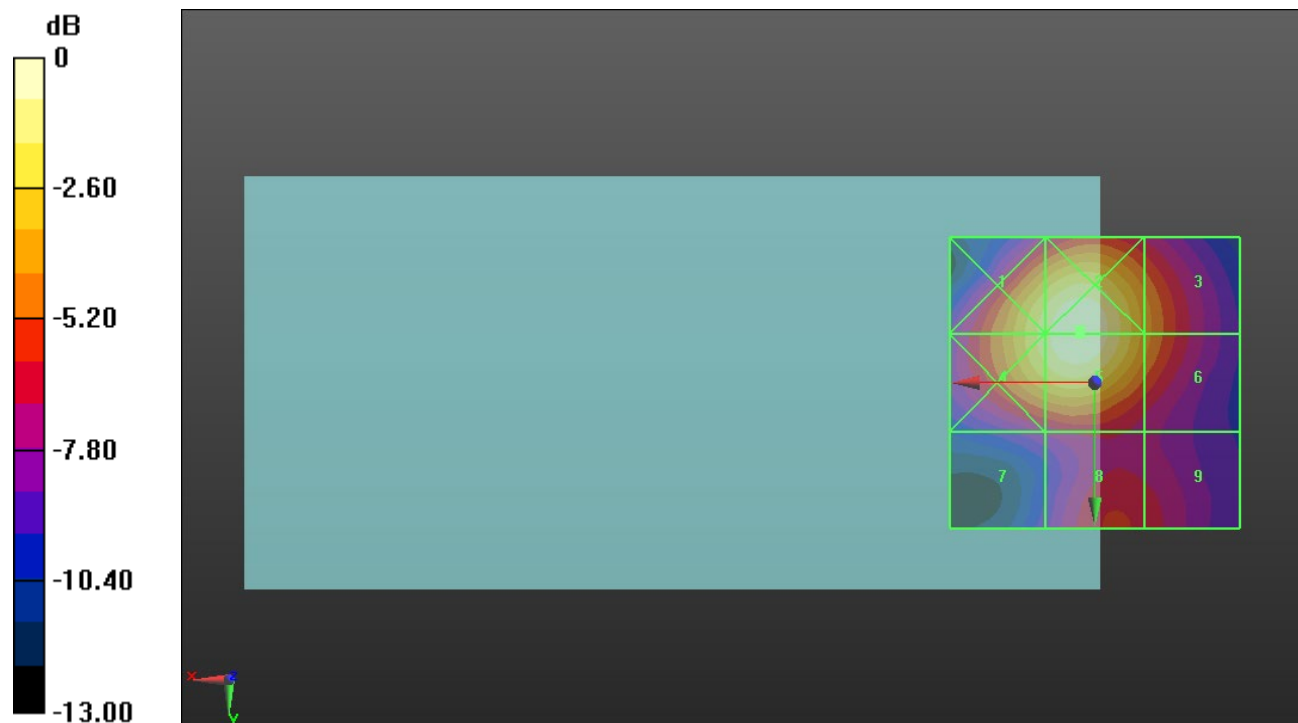
Applied MIF = -1.44 dB

RF audio interference level = 30.43 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.28 dBV/m	Grid 2 M3 30.43 dBV/m	Grid 3 M4 26.68 dBV/m
Grid 4 M4 29.28 dBV/m	Grid 5 M3 30.43 dBV/m	Grid 6 M4 26.67 dBV/m
Grid 7 M4 22.86 dBV/m	Grid 8 M4 24.48 dBV/m	Grid 9 M4 24.09 dBV/m



0 dB = 33.24 V/m = 30.43 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 = 48.69 V/m; Power Drift = -0.02 dB

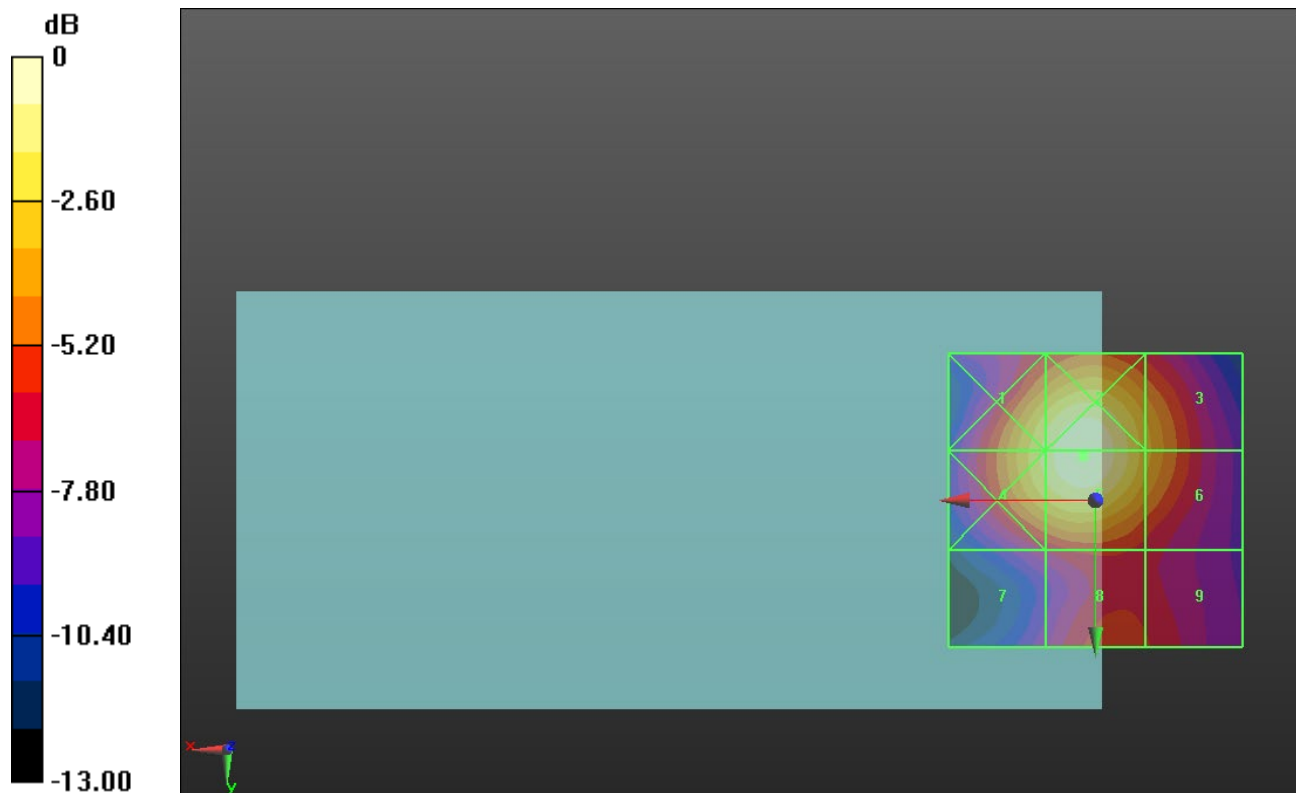
Applied MIF = -1.44 dB

RF audio interference level = 30.04 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.62 dBV/m	Grid 2 M3 30.03 dBV/m	Grid 3 M4 26.99 dBV/m
Grid 4 M4 28.66 dBV/m	Grid 5 M3 30.04 dBV/m	Grid 6 M4 26.99 dBV/m
Grid 7 M4 23.15 dBV/m	Grid 8 M4 24.55 dBV/m	Grid 9 M4 24.13 dBV/m



0 dB = 31.76 V/m = 30.04 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.35 V/m; Power Drift = -0.09 dB

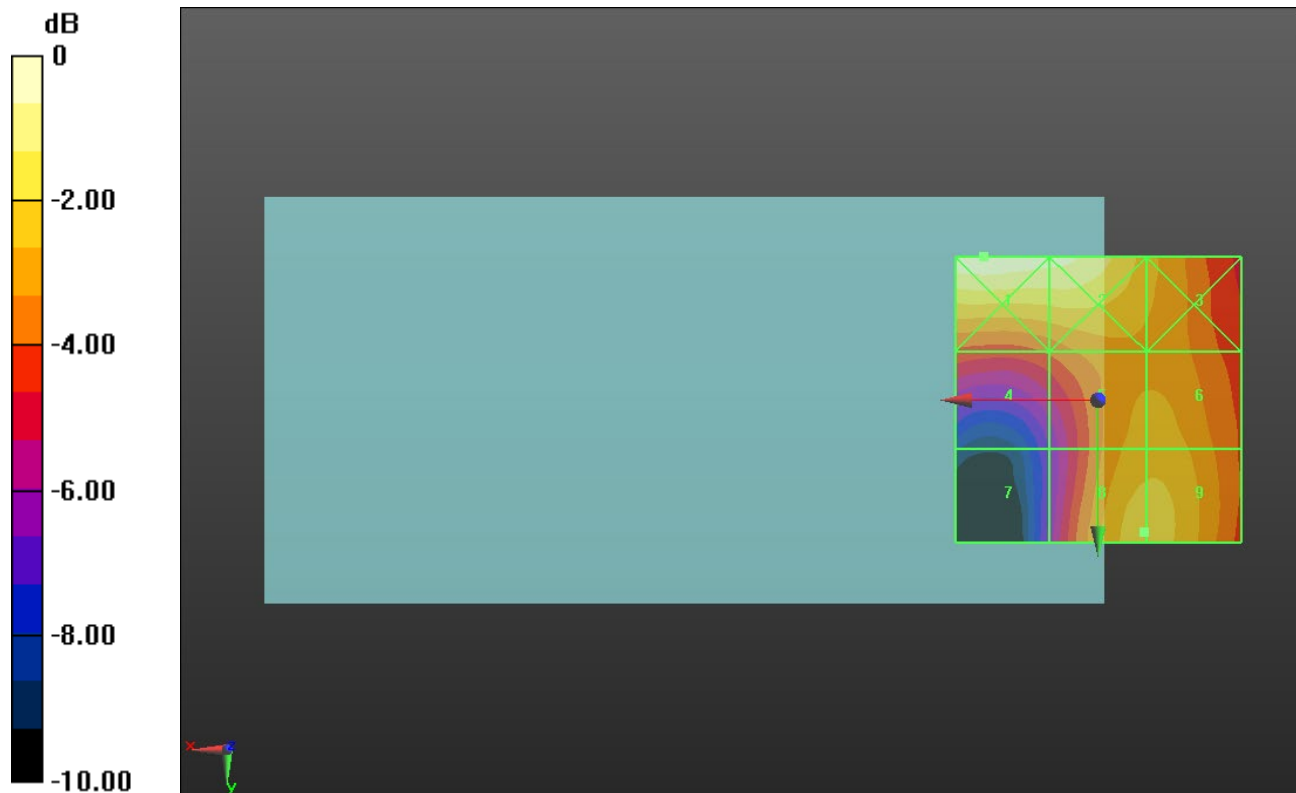
Applied MIF = 3.63 dB

RF audio interference level = 32.32 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.01 dBV/m	Grid 2 M3 33.62 dBV/m	Grid 3 M3 31.68 dBV/m
Grid 4 M3 30.17 dBV/m	Grid 5 M3 31.75 dBV/m	Grid 6 M3 31.77 dBV/m
Grid 7 M4 27.72 dBV/m	Grid 8 M3 32.32 dBV/m	Grid 9 M3 32.32 dBV/m



0 dB = 50.16 V/m = 34.01 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.24 V/m; Power Drift = 0.07 dB

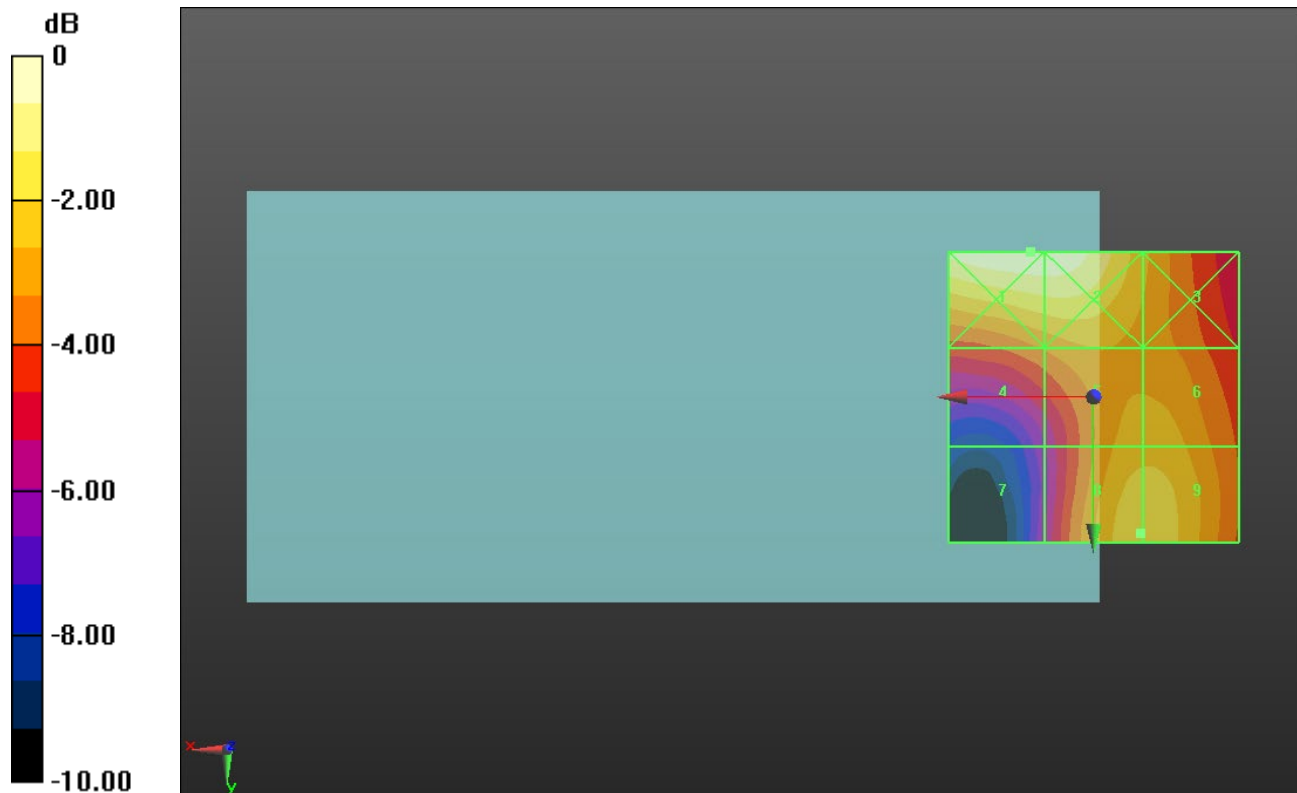
Applied MIF = 3.63 dB

RF audio interference level = 32.08 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.68 dBV/m	Grid 2 M3 33.63 dBV/m	Grid 3 M3 31.22 dBV/m
Grid 4 M3 30.45 dBV/m	Grid 5 M3 31.48 dBV/m	Grid 6 M3 31.49 dBV/m
Grid 7 M4 27.79 dBV/m	Grid 8 M3 32.08 dBV/m	Grid 9 M3 32.08 dBV/m



0 dB = 48.30 V/m = 33.68 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 = 26.48 V/m; Power Drift = 0.04 dB

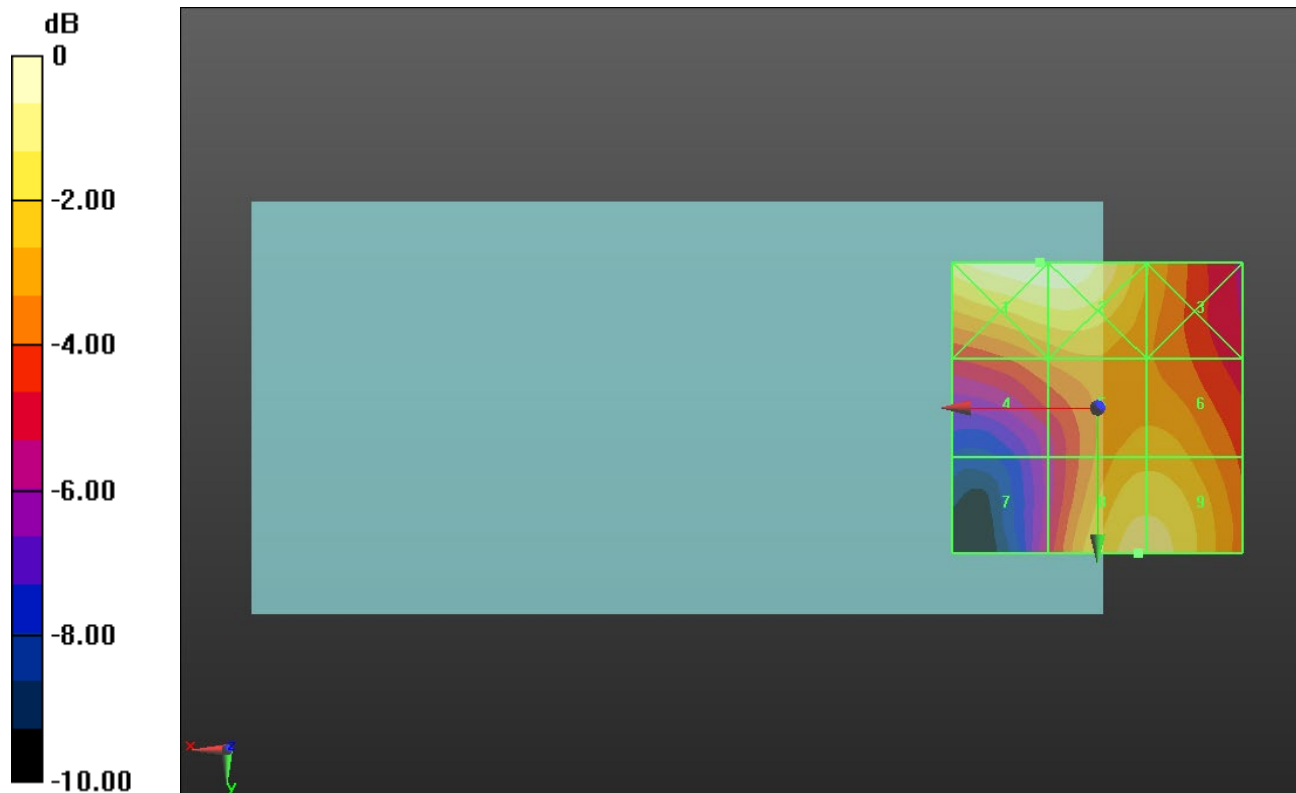
Applied MIF = 3.63 dB

RF audio interference level = 32.18 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 33.17 dBV/m	Grid 2 M3 33.16 dBV/m	Grid 3 M3 30.64 dBV/m
Grid 4 M4 29.99 dBV/m	Grid 5 M3 30.97 dBV/m	Grid 6 M3 30.97 dBV/m
Grid 7 M4 28.12 dBV/m	Grid 8 M3 32.18 dBV/m	Grid 9 M3 32.16 dBV/m



0 dB = 45.55 V/m = 33.17 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 = 18.26 V/m; Power Drift = -0.13 dB

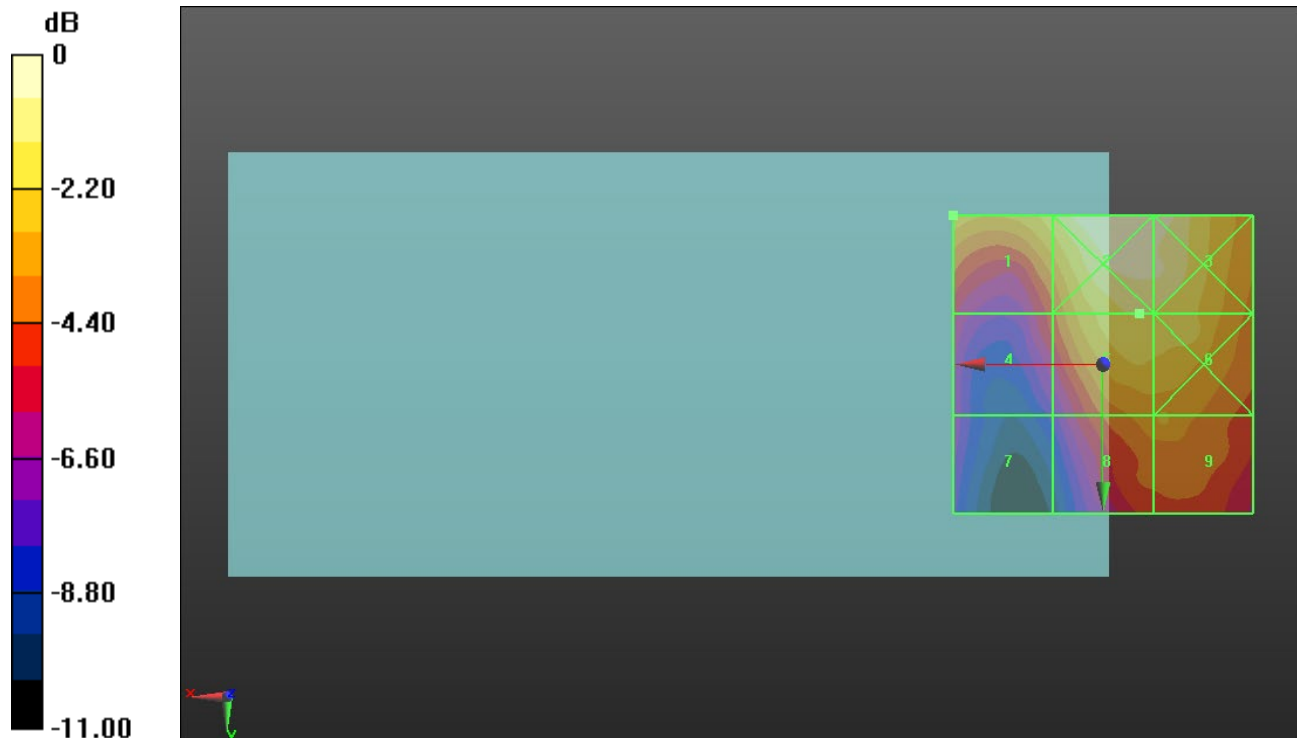
Applied MIF = -1.44 dB

RF audio interference level = 23.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.96 dBV/m	Grid 2 M4 24.61 dBV/m	Grid 3 M4 24.44 dBV/m
Grid 4 M4 19.97 dBV/m	Grid 5 M4 23.2 dBV/m	Grid 6 M4 23.08 dBV/m
Grid 7 M4 18.05 dBV/m	Grid 8 M4 21.61 dBV/m	Grid 9 M4 21.76 dBV/m



0 dB = 17.01 V/m = 24.61 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.94 V/m; Power Drift = -0.01 dB

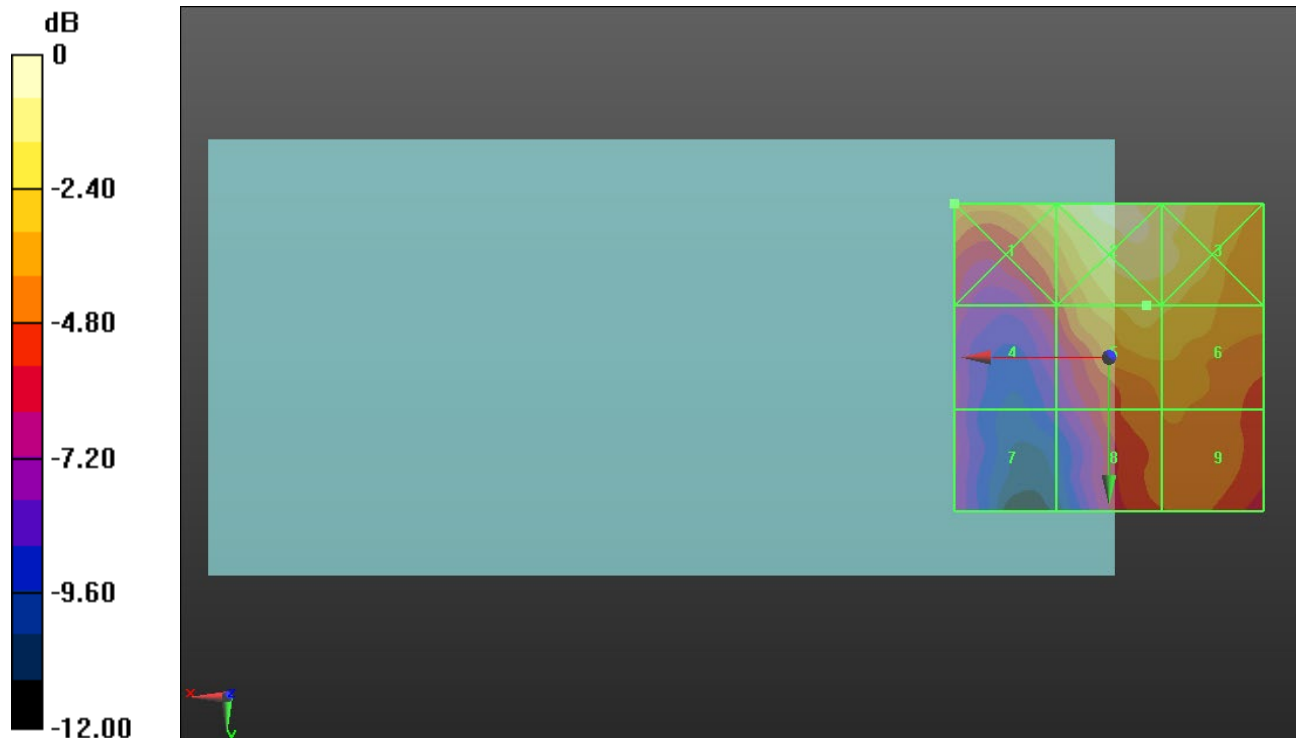
Applied MIF = -1.44 dB

RF audio interference level = 22.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.15 dBV/m	Grid 2 M4 24.67 dBV/m	Grid 3 M4 23.85 dBV/m
Grid 4 M4 19.45 dBV/m	Grid 5 M4 22.55 dBV/m	Grid 6 M4 22.44 dBV/m
Grid 7 M4 17.82 dBV/m	Grid 8 M4 20.7 dBV/m	Grid 9 M4 20.81 dBV/m



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

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.32 V/m; Power Drift = -0.08 dB

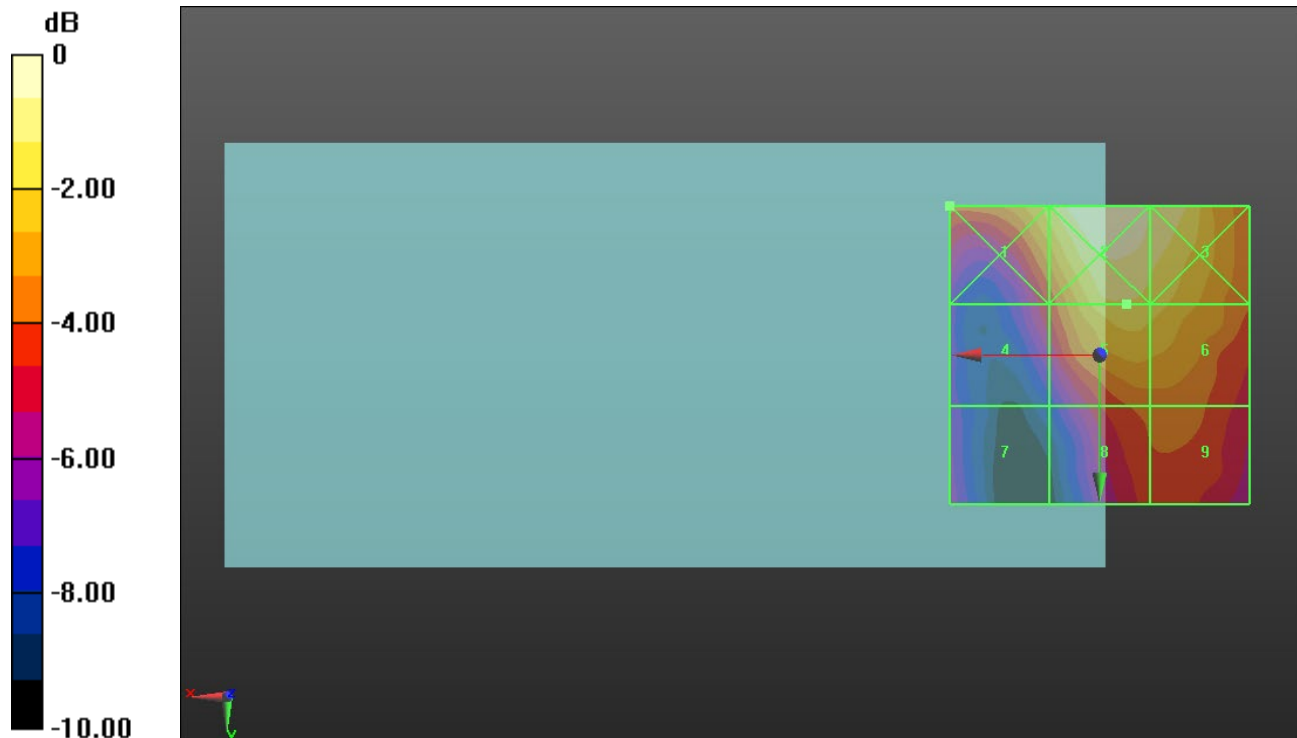
Applied MIF = -1.44 dB

RF audio interference level = 22.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.76 dBV/m	Grid 2 M4 24.36 dBV/m	Grid 3 M4 23.65 dBV/m
Grid 4 M4 19.85 dBV/m	Grid 5 M4 22.96 dBV/m	Grid 6 M4 22.7 dBV/m
Grid 7 M4 18.26 dBV/m	Grid 8 M4 20.65 dBV/m	Grid 9 M4 20.83 dBV/m



0 dB = 16.53 V/m = 24.37 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.05 V/m; Power Drift = 0.07 dB

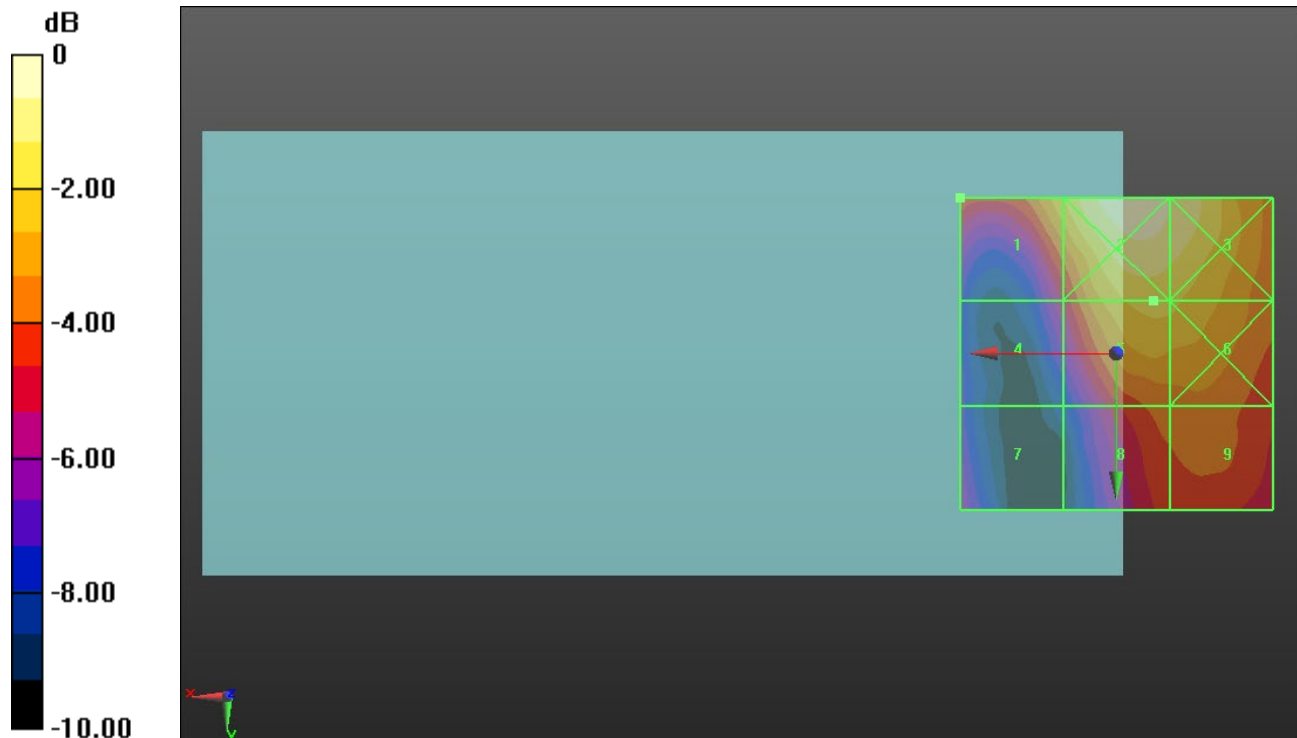
Applied MIF = -1.44 dB

RF audio interference level = 22.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.5 dBV/m	Grid 2 M4 24.5 dBV/m	Grid 3 M4 23.83 dBV/m
Grid 4 M4 19.32 dBV/m	Grid 5 M4 22.74 dBV/m	Grid 6 M4 22.63 dBV/m
Grid 7 M4 18.46 dBV/m	Grid 8 M4 20.95 dBV/m	Grid 9 M4 21.08 dBV/m



0 dB = 16.78 V/m = 24.50 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.64 V/m; Power Drift = -0.03 dB

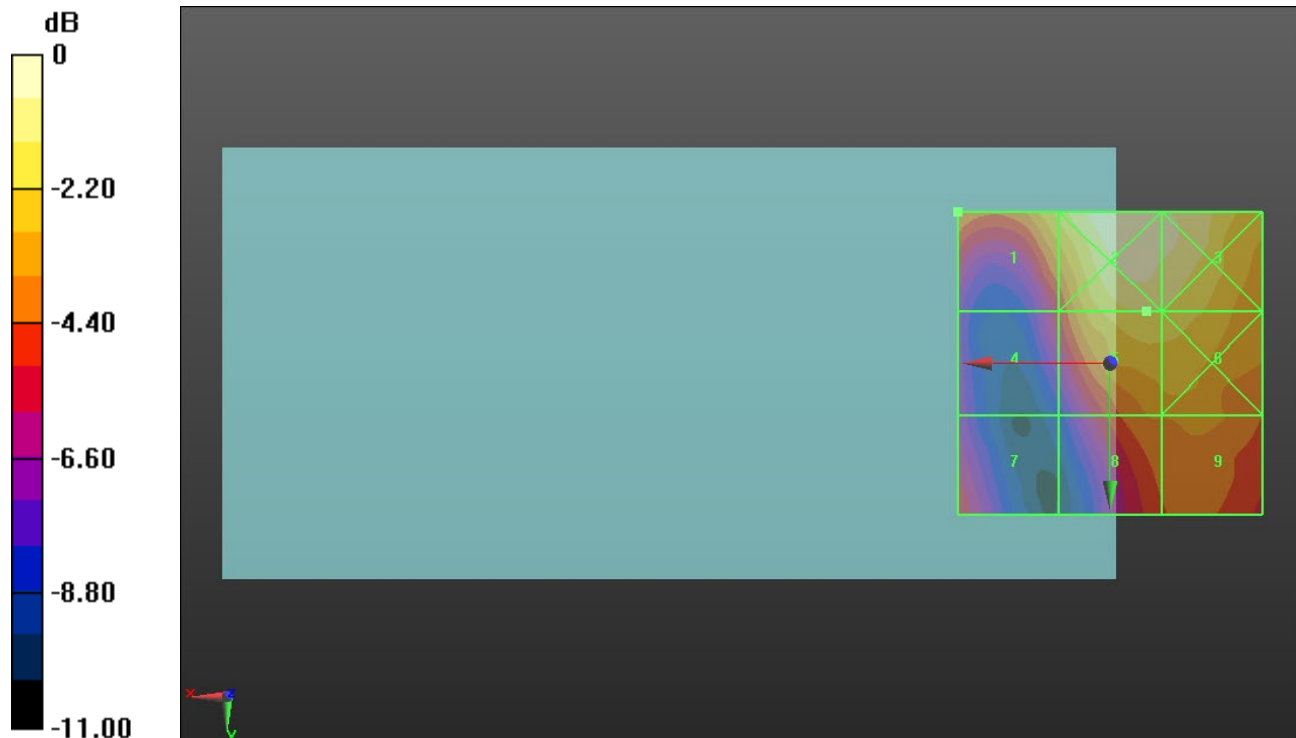
Applied MIF = -1.44 dB

RF audio interference level = 23.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.67 dBV/m	Grid 2 M4 24.55 dBV/m	Grid 3 M4 24.11 dBV/m
Grid 4 M4 19.27 dBV/m	Grid 5 M4 23.14 dBV/m	Grid 6 M4 23.04 dBV/m
Grid 7 M4 19.48 dBV/m	Grid 8 M4 20.98 dBV/m	Grid 9 M4 21.19 dBV/m



0 dB = 16.89 V/m = 24.55 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 = 27.04 V/m; Power Drift = 0.60 dB

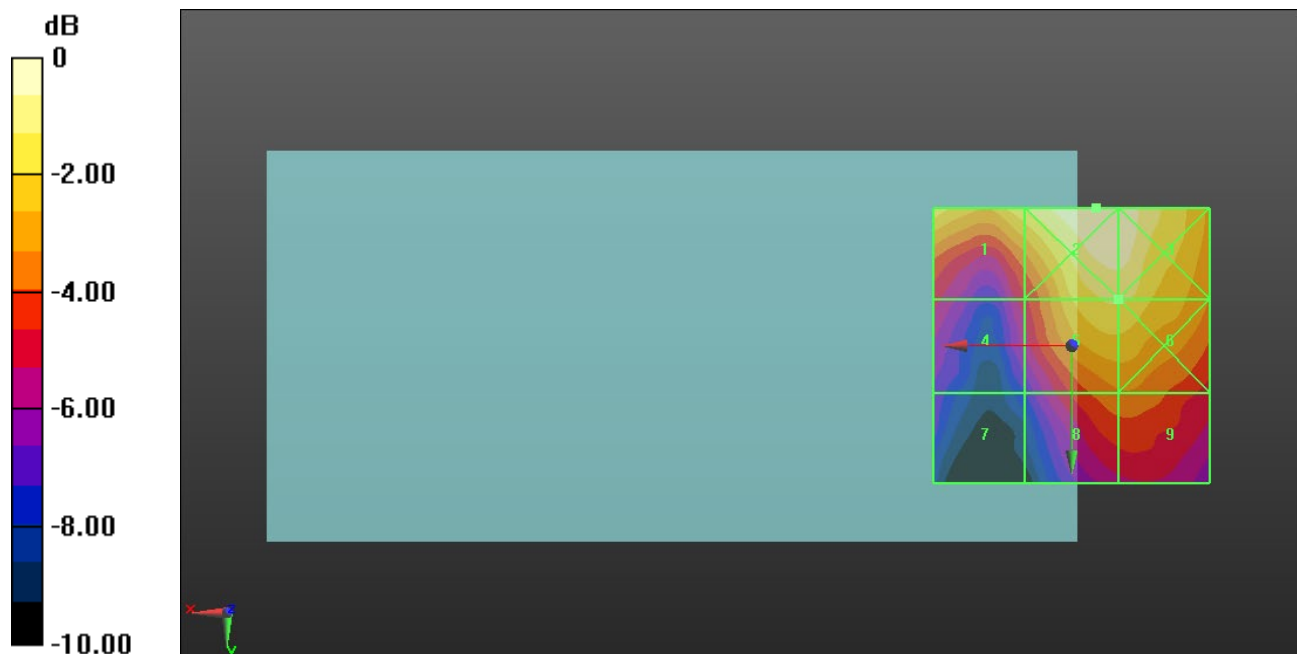
Applied MIF = -1.44 dB

RF audio interference level = 26.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.83 dBV/m	Grid 2 M4 28.19 dBV/m	Grid 3 M4 27.98 dBV/m
Grid 4 M4 23.4 dBV/m	Grid 5 M4 26.99 dBV/m	Grid 6 M4 26.99 dBV/m
Grid 7 M4 21.46 dBV/m	Grid 8 M4 24.78 dBV/m	Grid 9 M4 24.83 dBV/m



0 dB = 25.67 V/m = 28.19 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 = 23.85 V/m; Power Drift = 0.04 dB

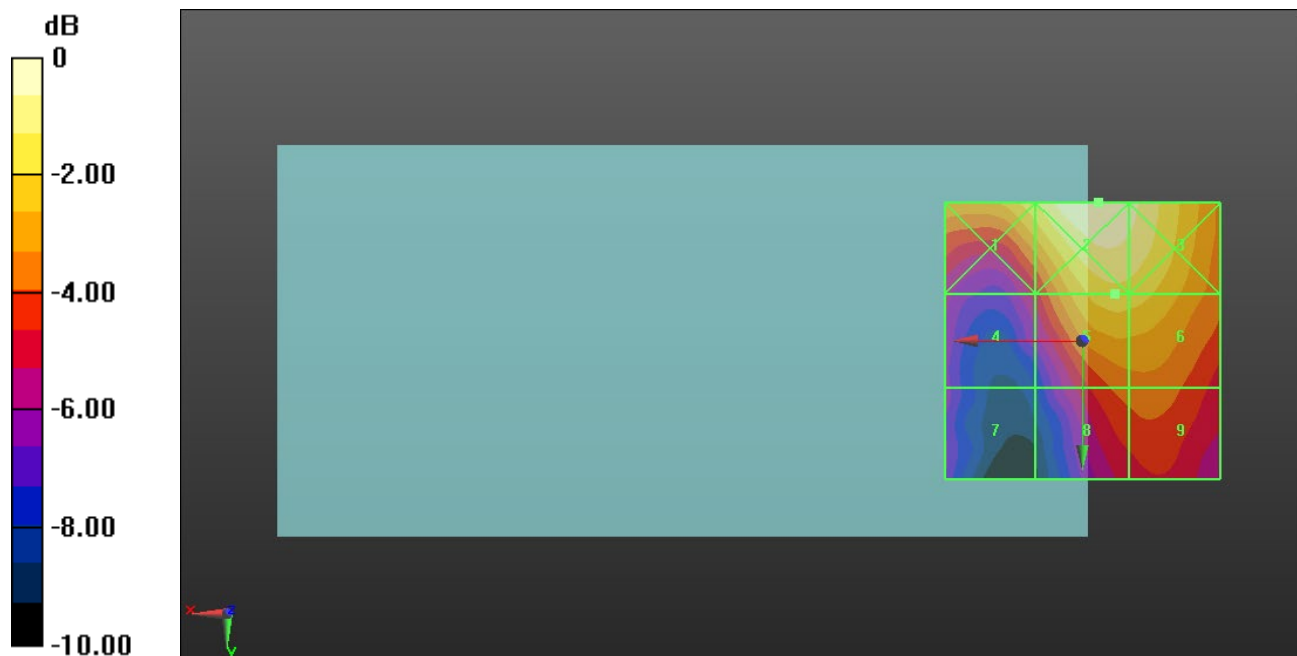
Applied MIF = -1.44 dB

RF audio interference level = 26.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.25 dBV/m	Grid 2 M4 27.68 dBV/m	Grid 3 M4 27.24 dBV/m
Grid 4 M4 22.73 dBV/m	Grid 5 M4 26.12 dBV/m	Grid 6 M4 26.04 dBV/m
Grid 7 M4 21.53 dBV/m	Grid 8 M4 24 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 24.20 V/m = 27.68 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 = 25.63 V/m; Power Drift = -0.06 dB

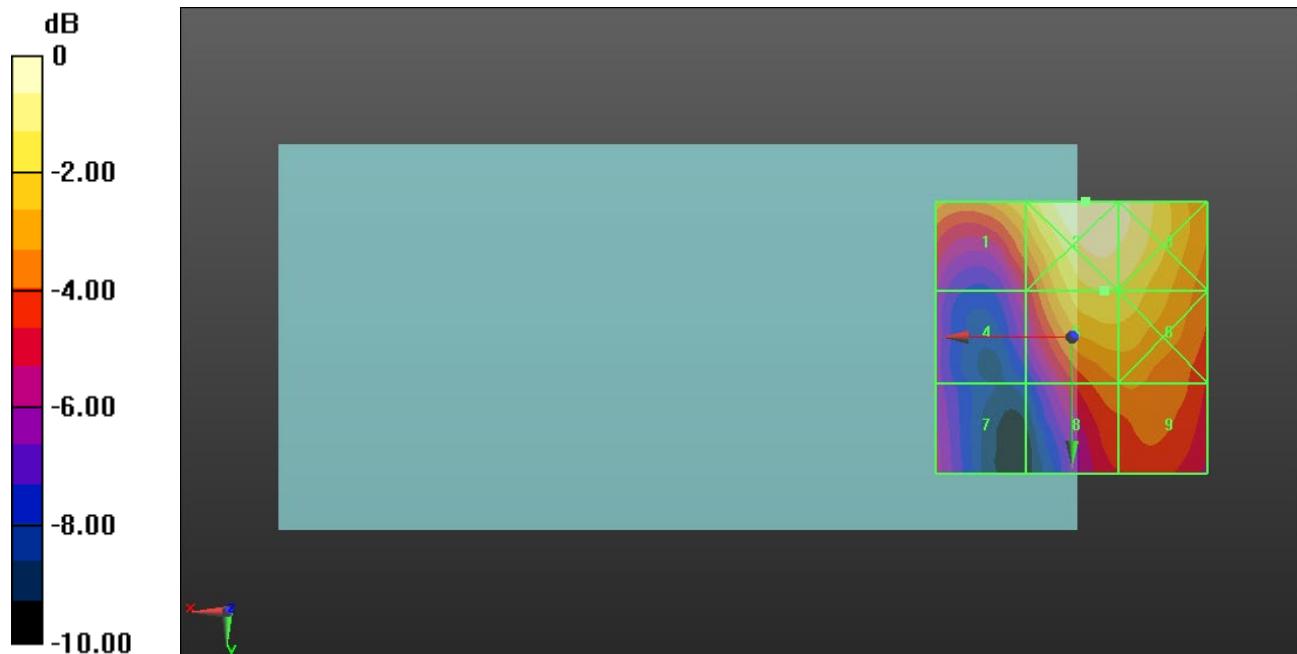
Applied MIF = -1.44 dB

RF audio interference level = 26.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.81 dBV/m	Grid 2 M4 27.6 dBV/m	Grid 3 M4 27.21 dBV/m
Grid 4 M4 22.52 dBV/m	Grid 5 M4 26.29 dBV/m	Grid 6 M4 26.19 dBV/m
Grid 7 M4 21.91 dBV/m	Grid 8 M4 24.26 dBV/m	Grid 9 M4 24.35 dBV/m



0 dB = 23.99 V/m = 27.60 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 = 25.28 V/m; Power Drift = 0.08 dB

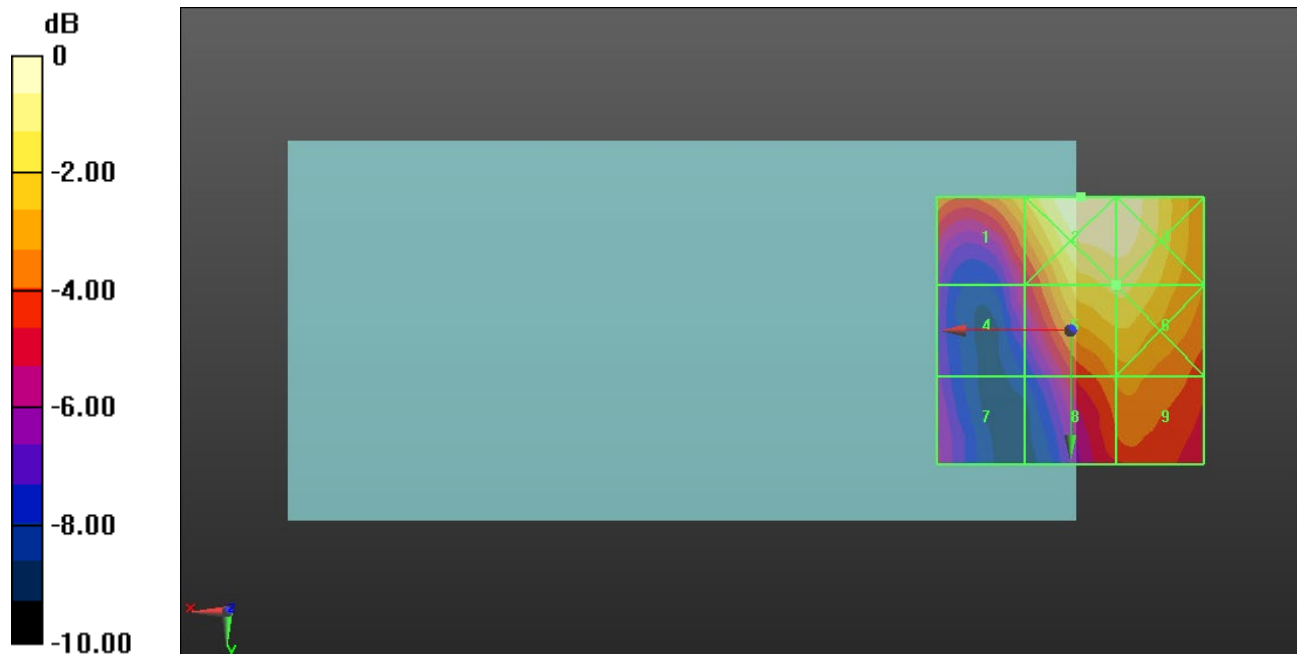
Applied MIF = -1.44 dB

RF audio interference level = 26.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.91 dBV/m	Grid 2 M4 27.84 dBV/m	Grid 3 M4 27.74 dBV/m
Grid 4 M4 22.66 dBV/m	Grid 5 M4 26.65 dBV/m	Grid 6 M4 26.65 dBV/m
Grid 7 M4 22.17 dBV/m	Grid 8 M4 24.71 dBV/m	Grid 9 M4 24.89 dBV/m



0 dB = 24.67 V/m = 27.84 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 = 26.36 V/m; Power Drift = -0.22 dB

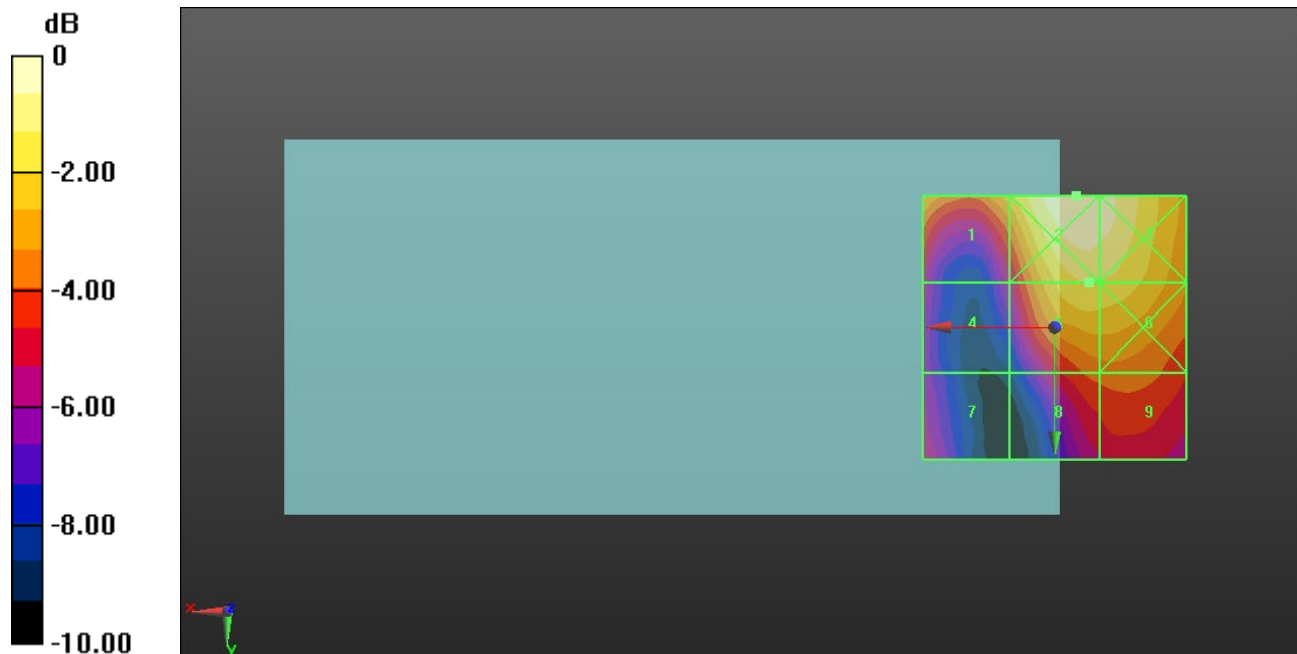
Applied MIF = -1.44 dB

RF audio interference level = 26.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.58 dBV/m	Grid 2 M4 27.72 dBV/m	Grid 3 M4 27.42 dBV/m
Grid 4 M4 22.36 dBV/m	Grid 5 M4 26.43 dBV/m	Grid 6 M4 26.36 dBV/m
Grid 7 M4 22.47 dBV/m	Grid 8 M4 24.03 dBV/m	Grid 9 M4 24.15 dBV/m



0 dB = 24.32 V/m = 27.72 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.148 V/m; Power Drift = 0.56 dB

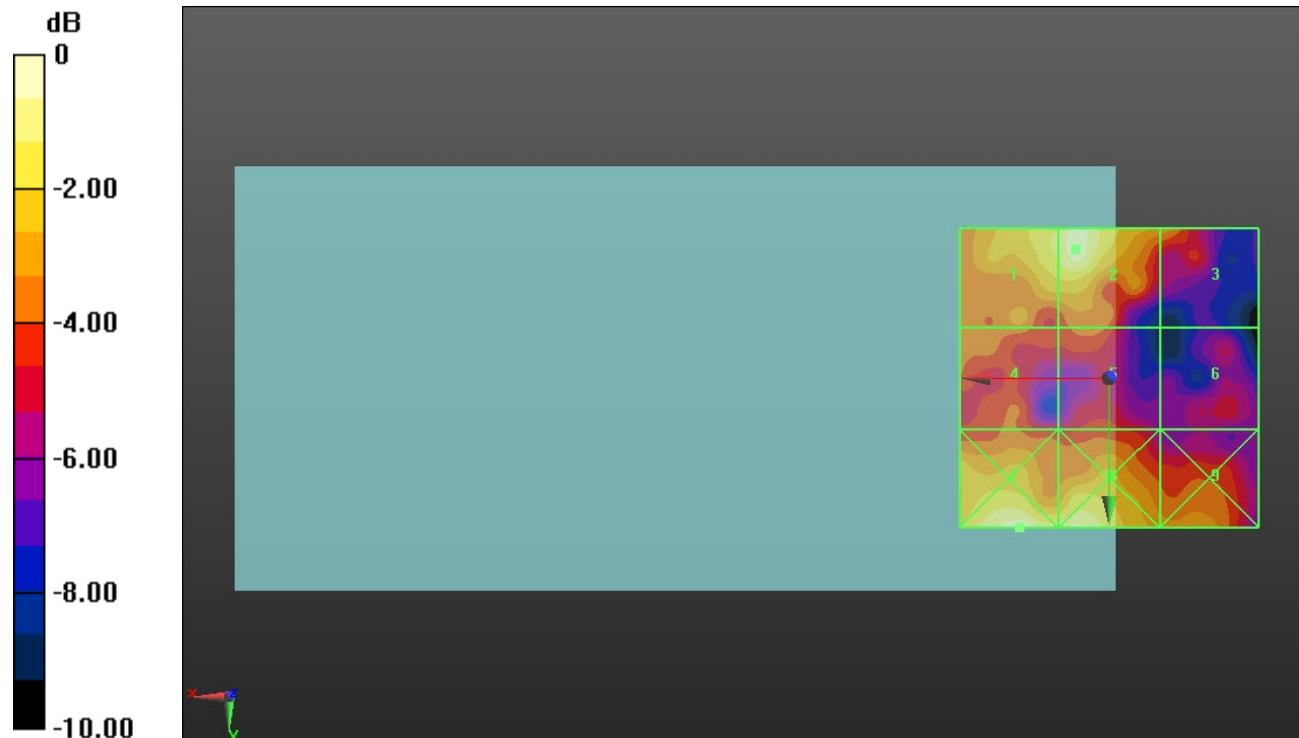
Applied MIF = -2.02 dB

RF audio interference level = 10.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.2 dBV/m	Grid 2 M4 10.82 dBV/m	Grid 3 M4 8.55 dBV/m
Grid 4 M4 7.75 dBV/m	Grid 5 M4 7.54 dBV/m	Grid 6 M4 6.4 dBV/m
Grid 7 M4 11.23 dBV/m	Grid 8 M4 10.81 dBV/m	Grid 9 M4 8.34 dBV/m



0 dB = 3.644 V/m = 11.23 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.836 V/m; Power Drift = -0.59 dB

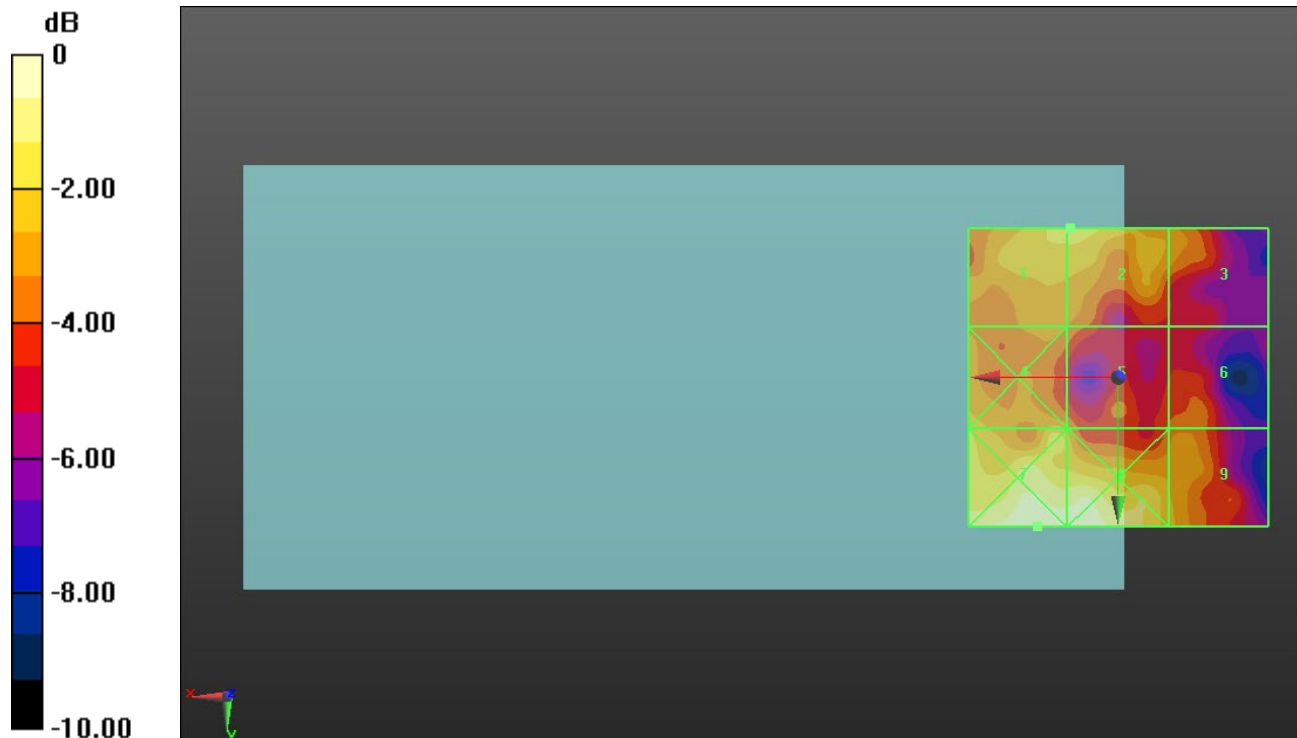
Applied MIF = -2.02 dB

RF audio interference level = 10.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.01 dBV/m	Grid 2 M4 10.02 dBV/m	Grid 3 M4 8.93 dBV/m
Grid 4 M4 9.66 dBV/m	Grid 5 M4 8.71 dBV/m	Grid 6 M4 8.29 dBV/m
Grid 7 M4 11.67 dBV/m	Grid 8 M4 11.52 dBV/m	Grid 9 M4 9.28 dBV/m



0 dB = 3.833 V/m = 11.67 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 = 3.717 V/m; Power Drift = 0.08 dB

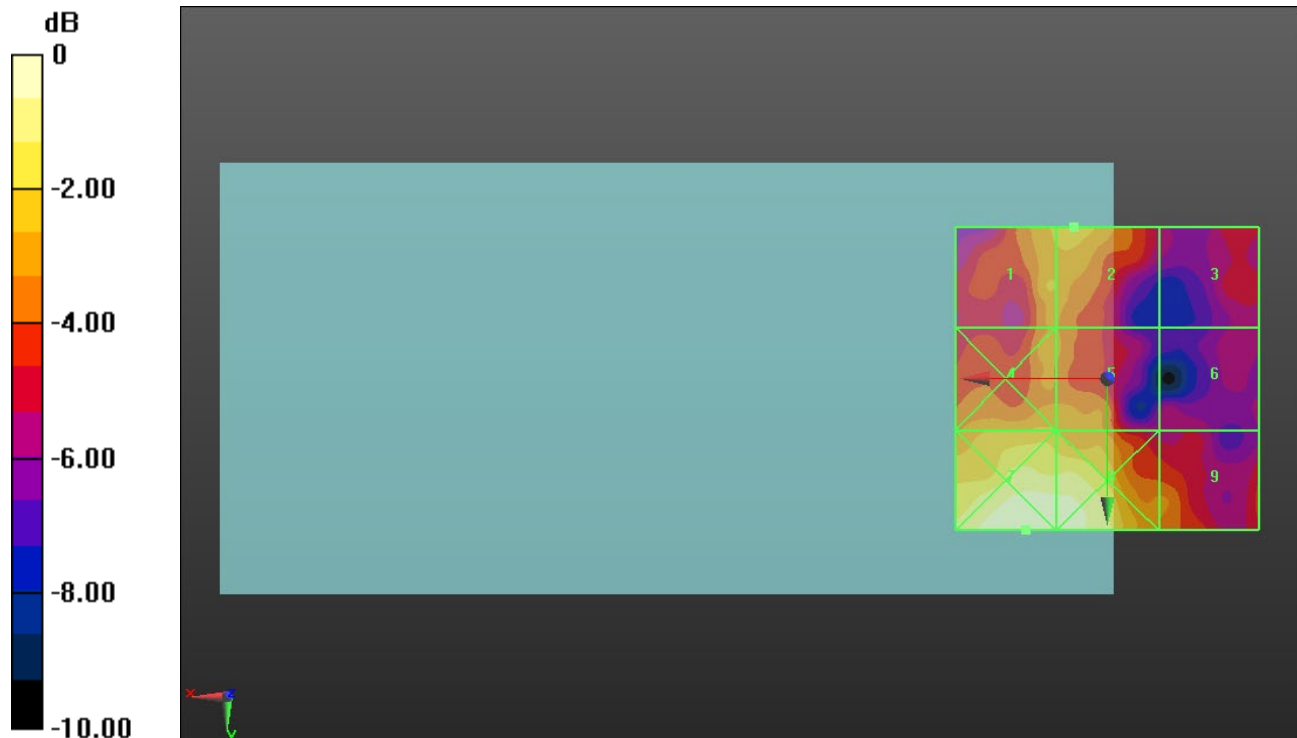
Applied MIF = -2.02 dB

RF audio interference level = 11.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.91 dBV/m	Grid 2 M4 11.14 dBV/m	Grid 3 M4 8.58 dBV/m
Grid 4 M4 10.94 dBV/m	Grid 5 M4 10.79 dBV/m	Grid 6 M4 8.06 dBV/m
Grid 7 M4 13.4 dBV/m	Grid 8 M4 13.21 dBV/m	Grid 9 M4 10.23 dBV/m



0 dB = 4.677 V/m = 13.40 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.582 V/m; Power Drift = -0.30 dB

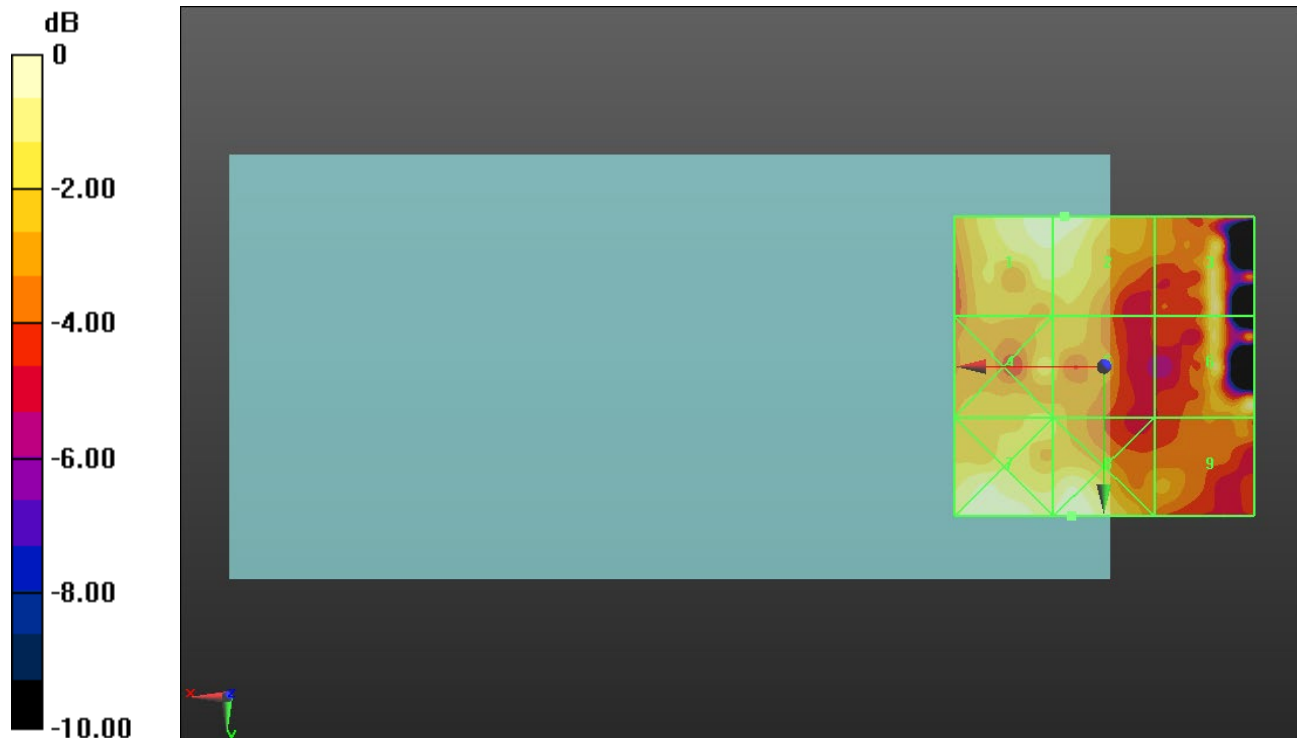
Applied MIF = 0.12 dB

RF audio interference level = 13.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.99 dBV/m	Grid 2 M4 13.19 dBV/m	Grid 3 M4 12.74 dBV/m
Grid 4 M4 11.64 dBV/m	Grid 5 M4 11.3 dBV/m	Grid 6 M4 12.79 dBV/m
Grid 7 M4 13.18 dBV/m	Grid 8 M4 13.26 dBV/m	Grid 9 M4 10.77 dBV/m



0 dB = 4.602 V/m = 13.26 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.692 V/m; Power Drift = -0.82 dB

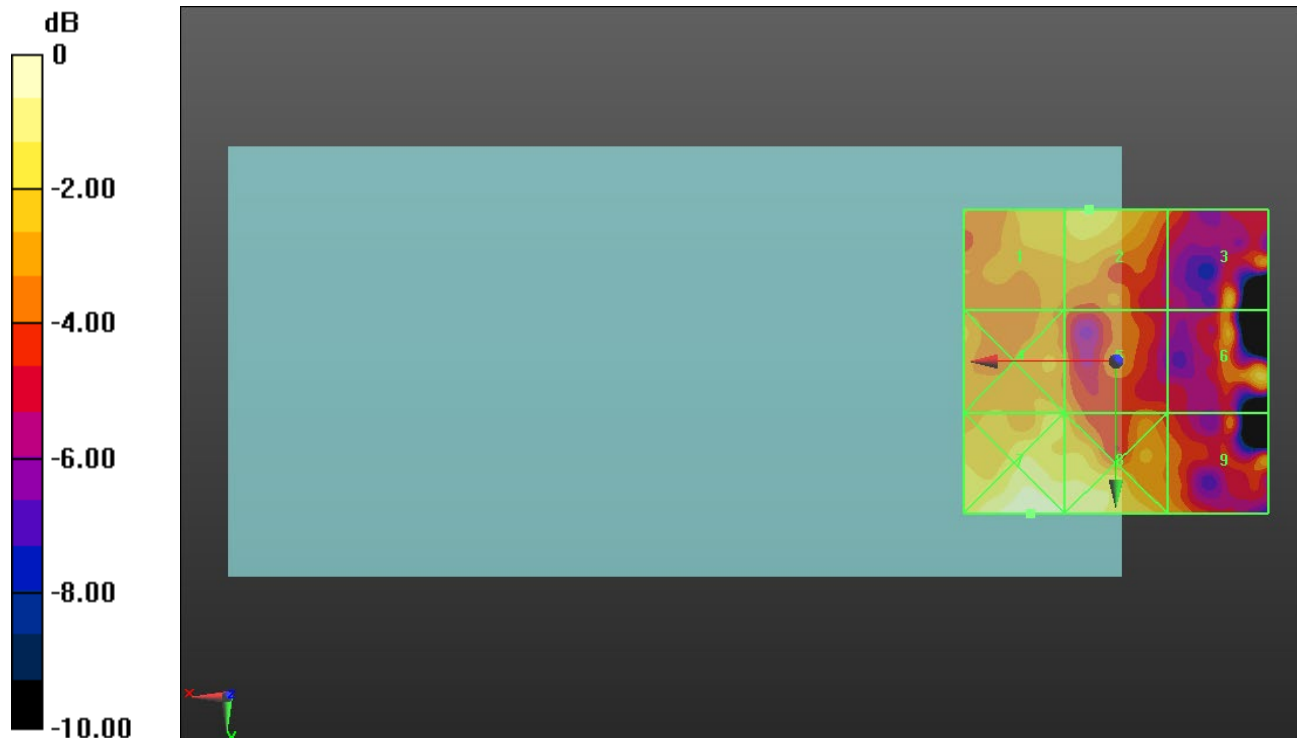
Applied MIF = 0.12 dB

RF audio interference level = 12.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.84 dBV/m	Grid 2 M4 12.7 dBV/m	Grid 3 M4 11.8 dBV/m
Grid 4 M4 11.93 dBV/m	Grid 5 M4 11.43 dBV/m	Grid 6 M4 12.21 dBV/m
Grid 7 M4 13.89 dBV/m	Grid 8 M4 13.35 dBV/m	Grid 9 M4 11.37 dBV/m



0 dB = 4.951 V/m = 13.89 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.826 V/m; Power Drift = -1.25 dB

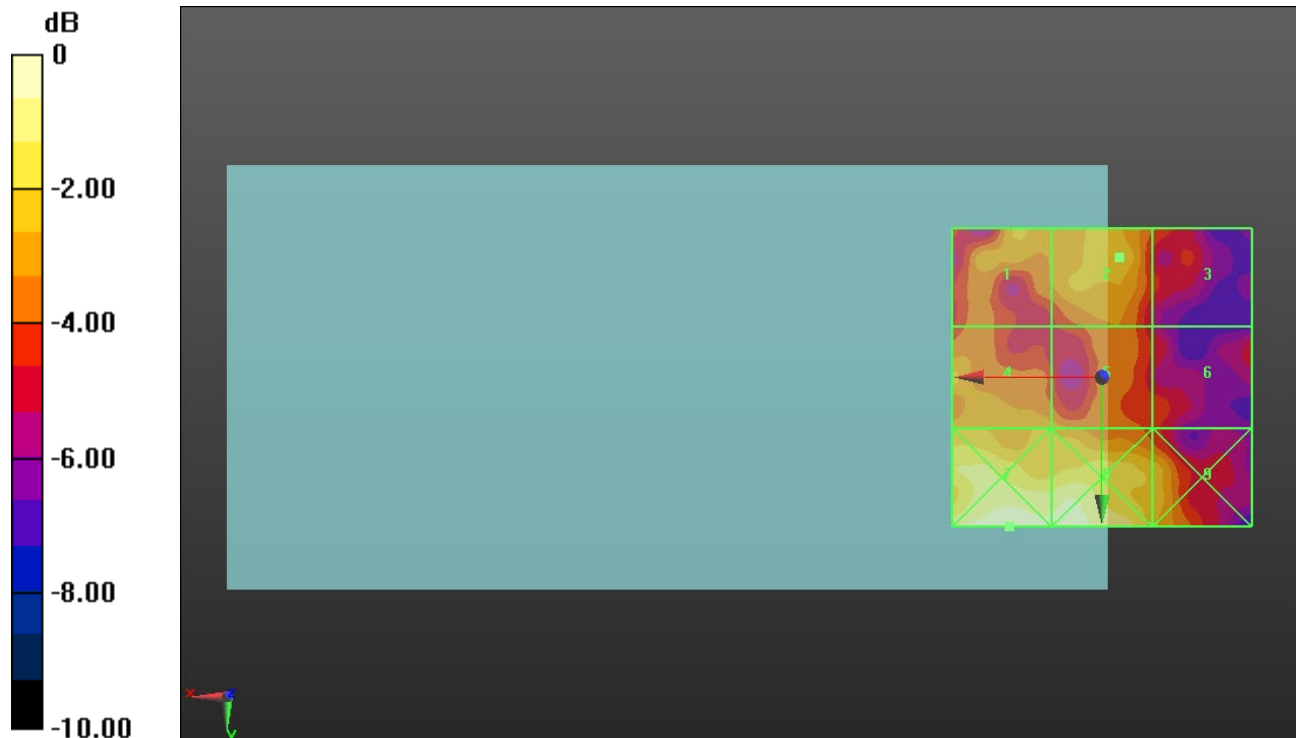
Applied MIF = 0.12 dB

RF audio interference level = 11.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.34 dBV/m	Grid 2 M4 11.58 dBV/m	Grid 3 M4 9.96 dBV/m
Grid 4 M4 11.39 dBV/m	Grid 5 M4 10.96 dBV/m	Grid 6 M4 9.64 dBV/m
Grid 7 M4 13.8 dBV/m	Grid 8 M4 13.48 dBV/m	Grid 9 M4 11.66 dBV/m



0 dB = 4.895 V/m = 13.80 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 = 22.17 V/m; Power Drift = -0.06 dB

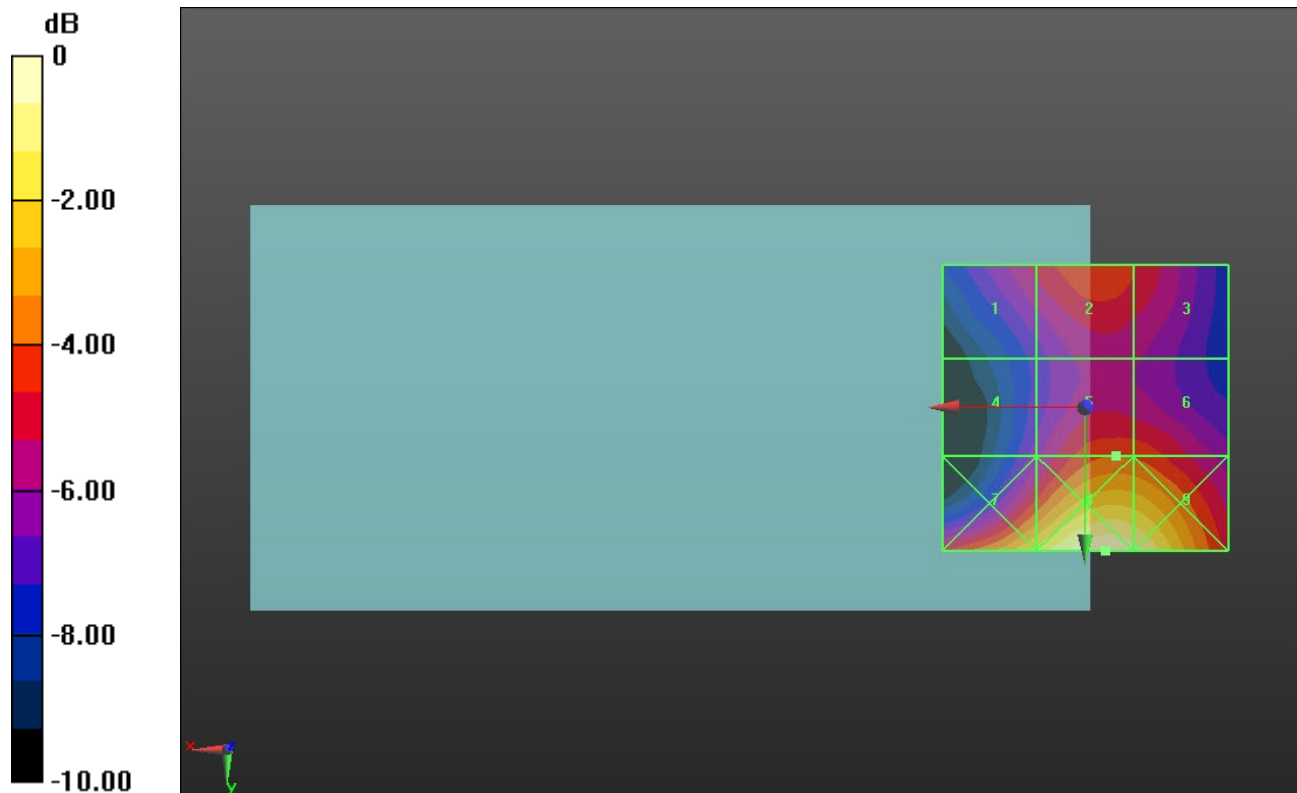
Applied MIF = 3.63 dB

RF audio interference level = 29.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.44 dBV/m	Grid 2 M4 29.44 dBV/m	Grid 3 M4 28.94 dBV/m
Grid 4 M4 27.31 dBV/m	Grid 5 M4 29.54 dBV/m	Grid 6 M4 29.44 dBV/m
Grid 7 M3 31.78 dBV/m	Grid 8 M3 33.51 dBV/m	Grid 9 M3 33.13 dBV/m



0 dB = 47.35 V/m = 33.51 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 = 21.34 V/m; Power Drift = -0.04 dB

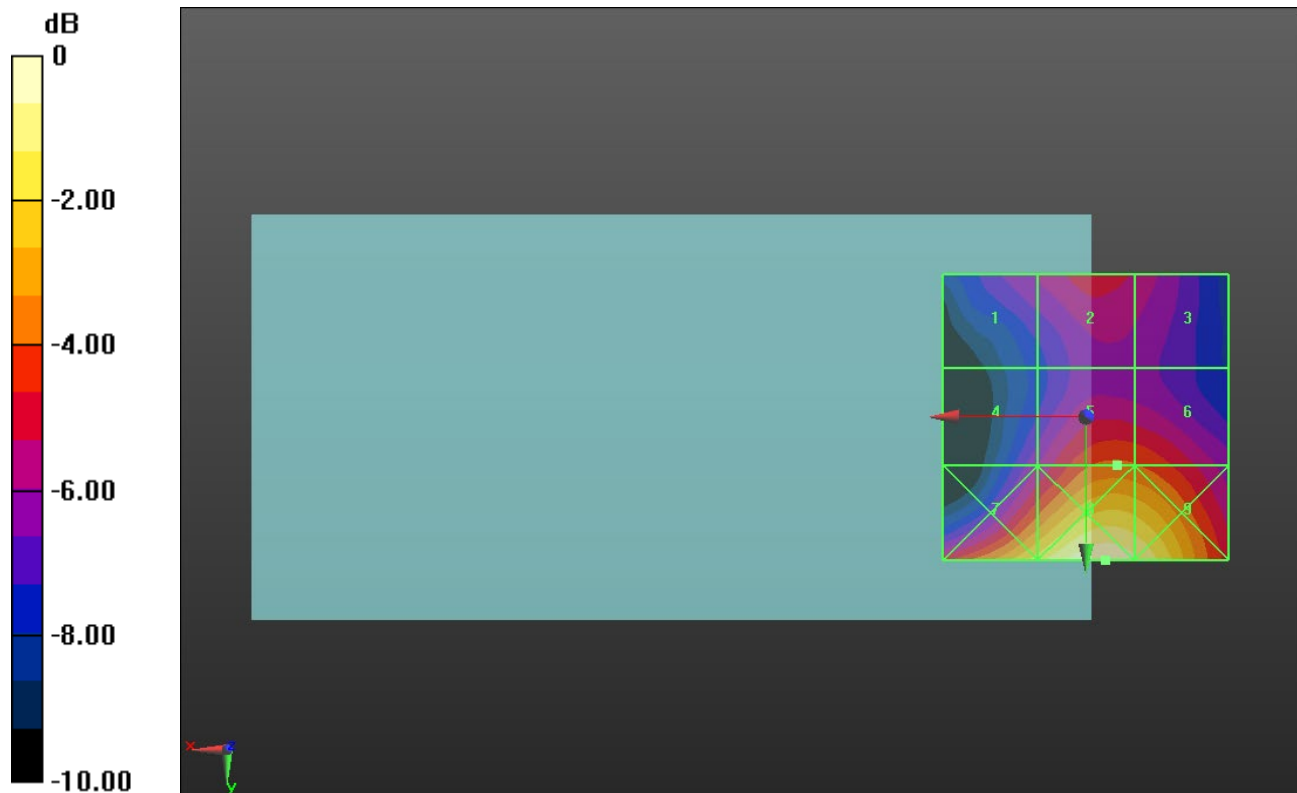
Applied MIF = 3.63 dB

RF audio interference level = 29.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.39 dBV/m	Grid 2 M4 28.31 dBV/m	Grid 3 M4 27.85 dBV/m
Grid 4 M4 27.28 dBV/m	Grid 5 M4 29.49 dBV/m	Grid 6 M4 29.37 dBV/m
Grid 7 M3 31.65 dBV/m	Grid 8 M3 33.27 dBV/m	Grid 9 M3 32.76 dBV/m



0 dB = 46.09 V/m = 33.27 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 = 22.49 V/m; Power Drift = -0.01 dB

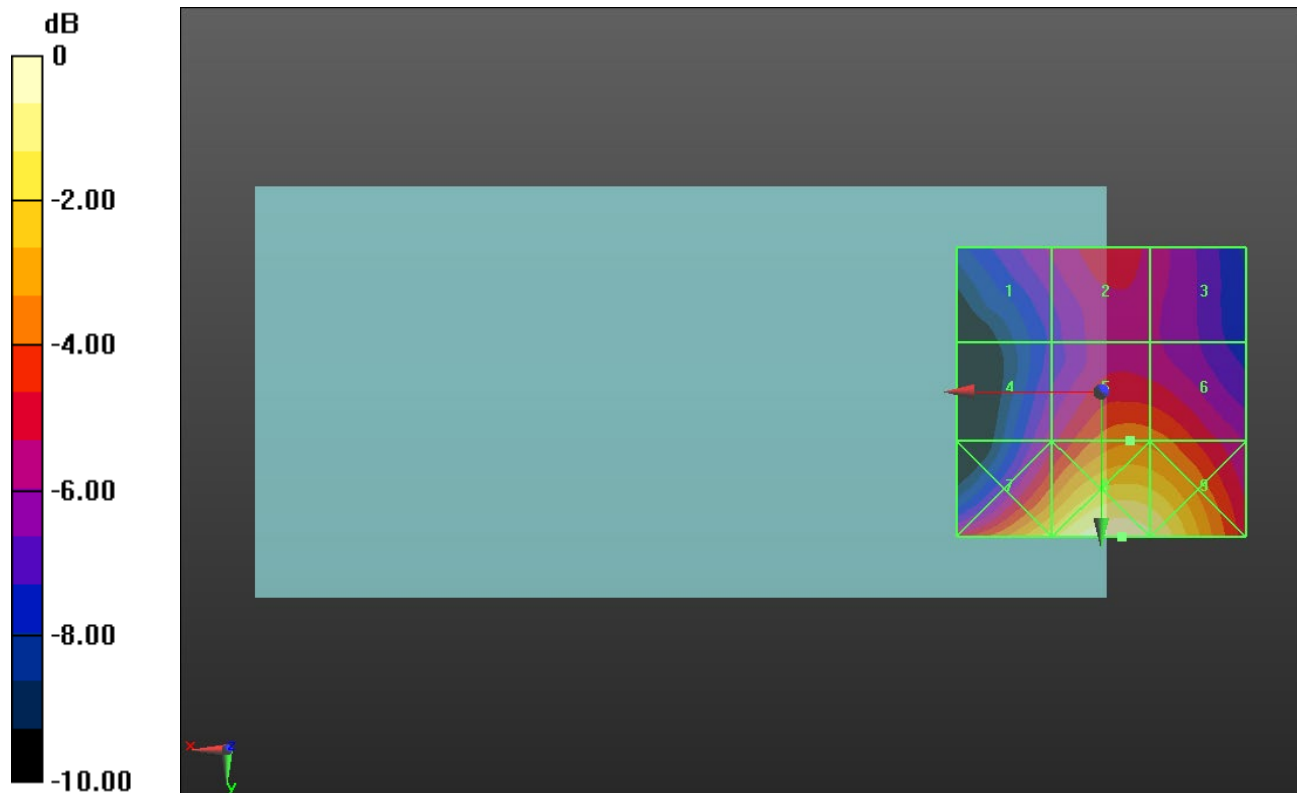
Applied MIF = 3.63 dB

RF audio interference level = 29.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.39 dBV/m	Grid 2 M4 28.15 dBV/m	Grid 3 M4 27.67 dBV/m
Grid 4 M4 27.65 dBV/m	Grid 5 M4 29.77 dBV/m	Grid 6 M4 29.62 dBV/m
Grid 7 M3 31.67 dBV/m	Grid 8 M3 33.18 dBV/m	Grid 9 M3 32.69 dBV/m



0 dB = 45.61 V/m = 33.18 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.14 V/m; Power Drift = -0.06 dB

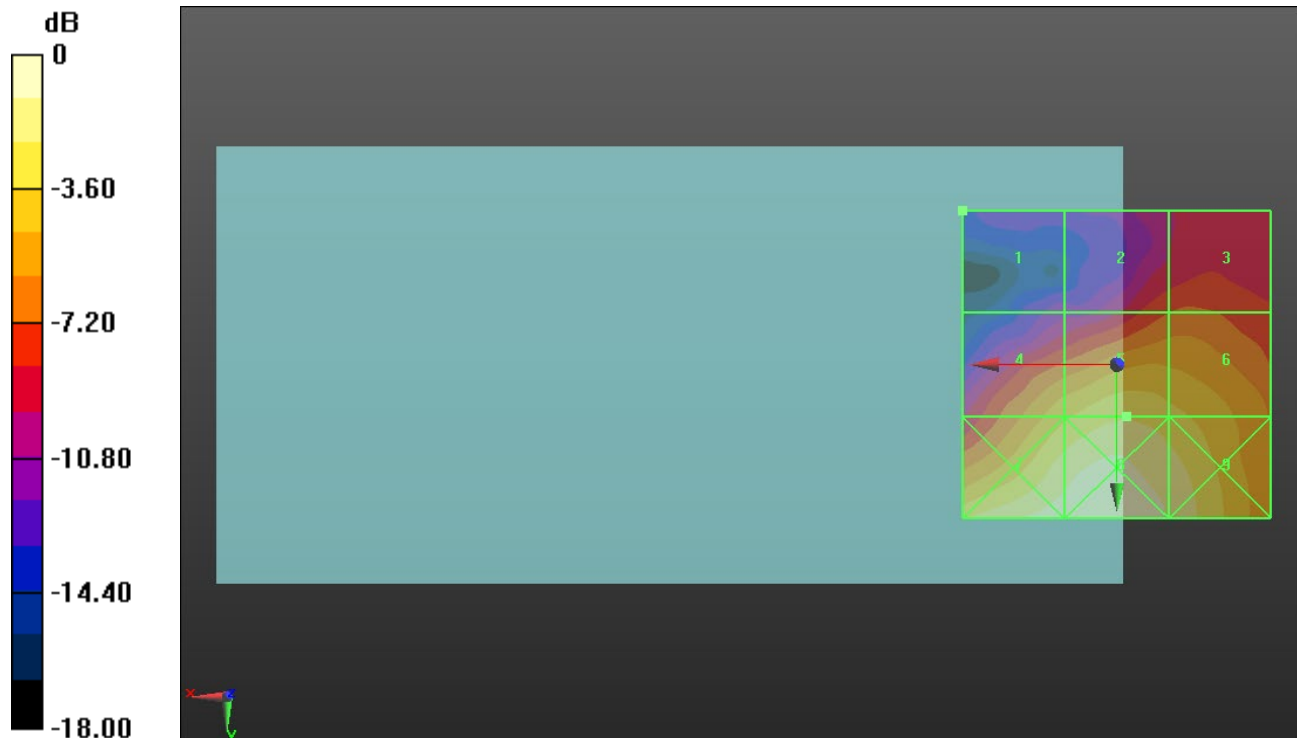
Applied MIF = -1.44 dB

RF audio interference level = 20.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.3 dBV/m	Grid 2 M4 15.34 dBV/m	Grid 3 M4 15.6 dBV/m
Grid 4 M4 18.72 dBV/m	Grid 5 M4 20.04 dBV/m	Grid 6 M4 19.44 dBV/m
Grid 7 M4 22.19 dBV/m	Grid 8 M4 22.54 dBV/m	Grid 9 M4 21.21 dBV/m



0 dB = 13.39 V/m = 22.54 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.49 V/m; Power Drift = -0.09 dB

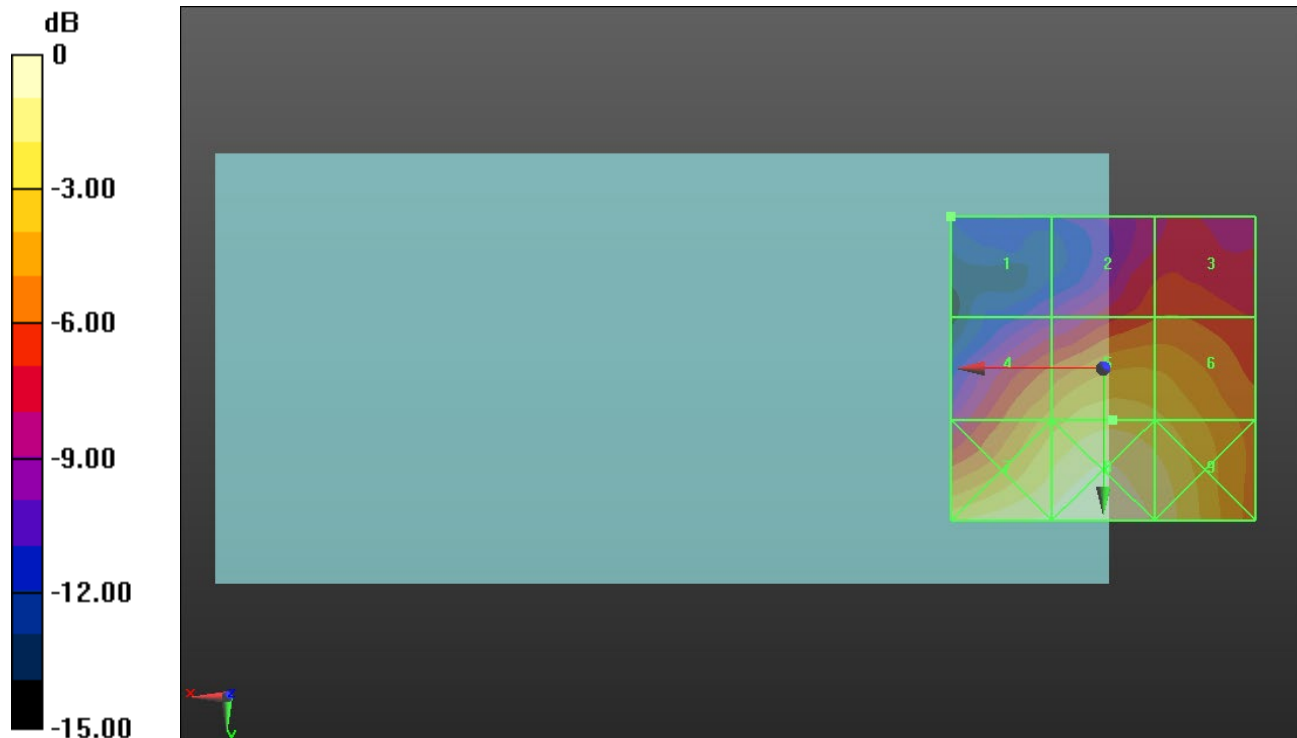
Applied MIF = -1.44 dB

RF audio interference level = 19.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.36 dBV/m	Grid 2 M4 15.89 dBV/m	Grid 3 M4 16.04 dBV/m
Grid 4 M4 18.43 dBV/m	Grid 5 M4 19.66 dBV/m	Grid 6 M4 19.22 dBV/m
Grid 7 M4 21.28 dBV/m	Grid 8 M4 21.94 dBV/m	Grid 9 M4 20.79 dBV/m



0 dB = 12.51 V/m = 21.95 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 = 10.89 V/m; Power Drift = 0.05 dB

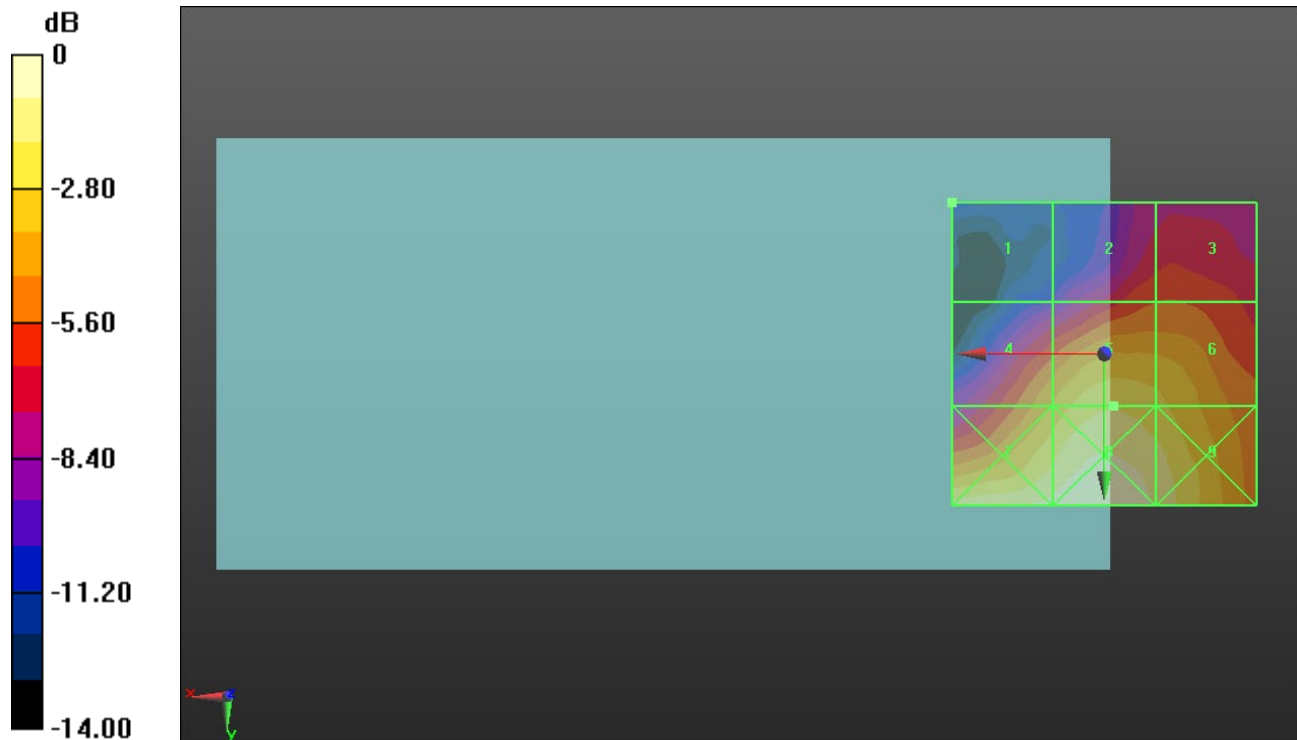
Applied MIF = -1.44 dB

RF audio interference level = 18.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.14 dBV/m	Grid 2 M4 15.32 dBV/m	Grid 3 M4 15.4 dBV/m
Grid 4 M4 17.3 dBV/m	Grid 5 M4 18.93 dBV/m	Grid 6 M4 18.39 dBV/m
Grid 7 M4 20.38 dBV/m	Grid 8 M4 20.91 dBV/m	Grid 9 M4 19.8 dBV/m



0 dB = 11.10 V/m = 20.91 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.60 V/m; Power Drift = -0.05 dB

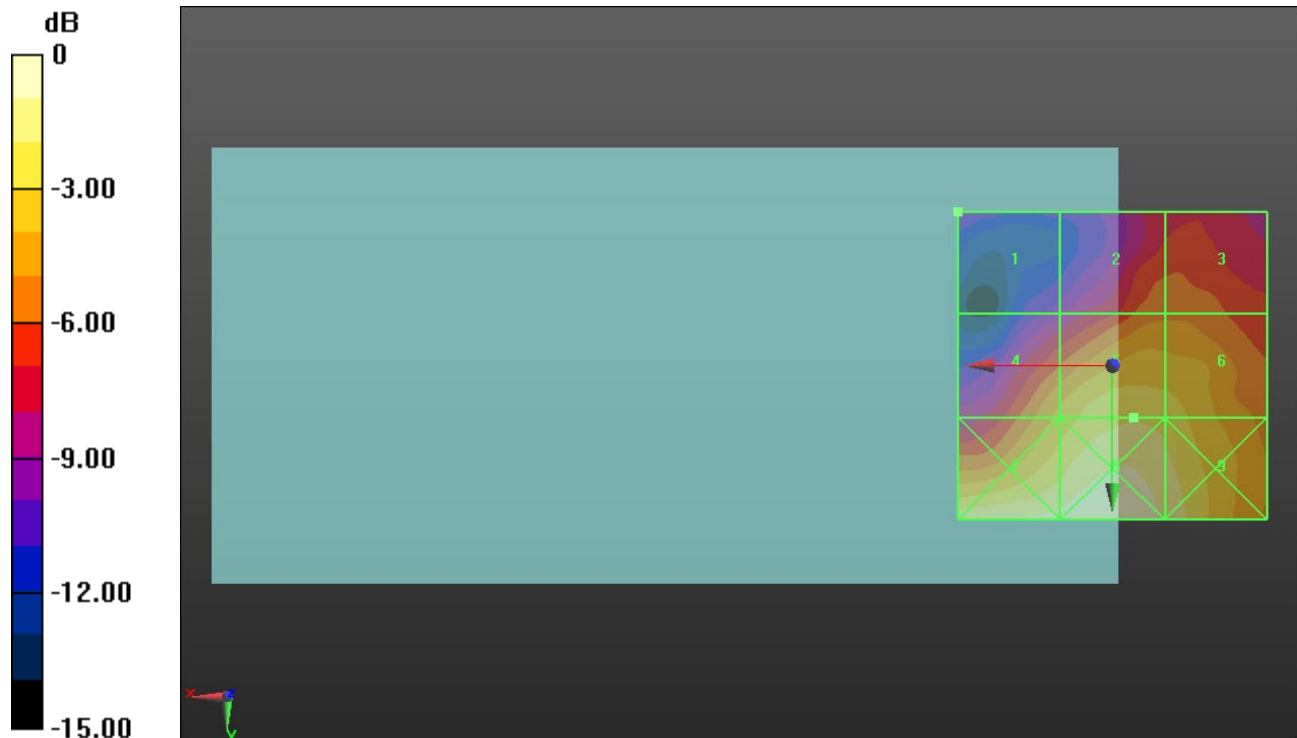
Applied MIF = -1.44 dB

RF audio interference level = 18.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.36 dBV/m	Grid 2 M4 15.35 dBV/m	Grid 3 M4 15.39 dBV/m
Grid 4 M4 16.95 dBV/m	Grid 5 M4 18.45 dBV/m	Grid 6 M4 18.18 dBV/m
Grid 7 M4 20.01 dBV/m	Grid 8 M4 20.56 dBV/m	Grid 9 M4 19.41 dBV/m



0 dB = 10.67 V/m = 20.56 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.354 V/m; Power Drift = -0.09 dB

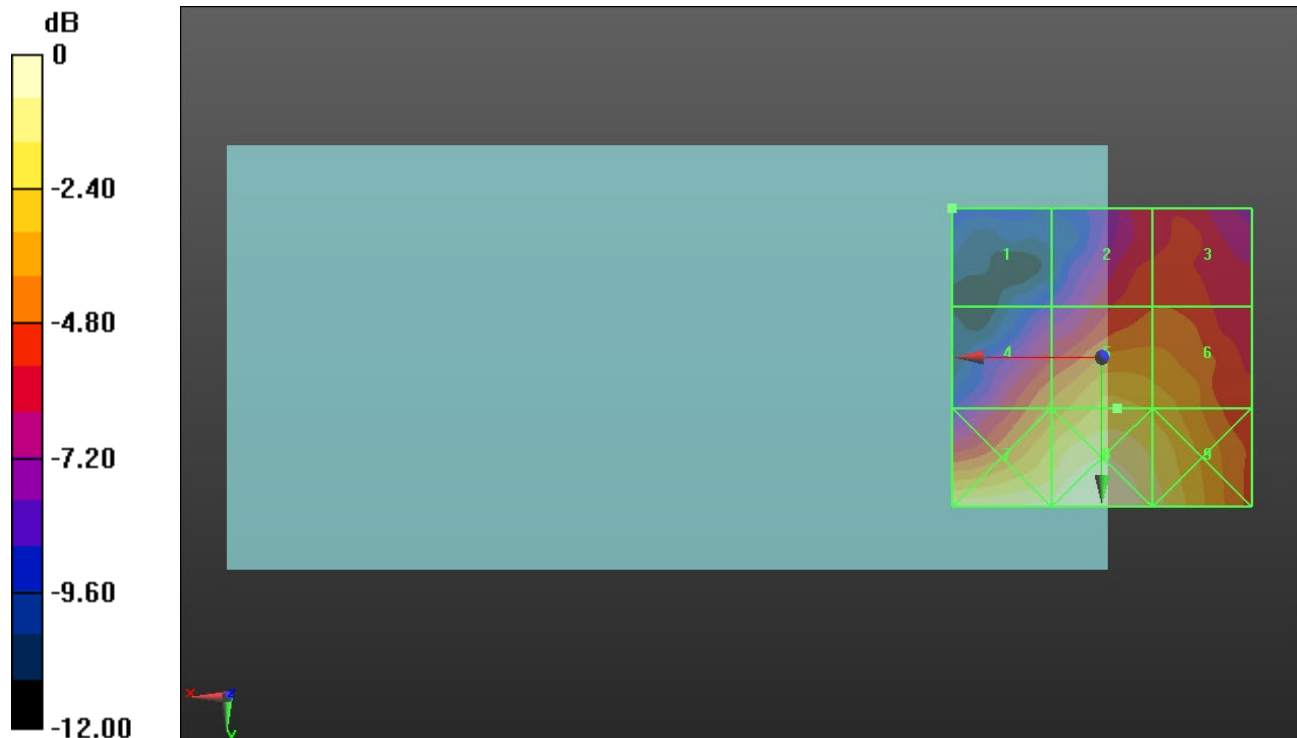
Applied MIF = -1.44 dB

RF audio interference level = 17.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.27 dBV/m	Grid 2 M4 14.8 dBV/m	Grid 3 M4 14.84 dBV/m
Grid 4 M4 15.9 dBV/m	Grid 5 M4 17.5 dBV/m	Grid 6 M4 17.02 dBV/m
Grid 7 M4 19.19 dBV/m	Grid 8 M4 19.63 dBV/m	Grid 9 M4 18.49 dBV/m



0 dB = 9.586 V/m = 19.63 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 = 13.51 V/m; Power Drift = 0.04 dB

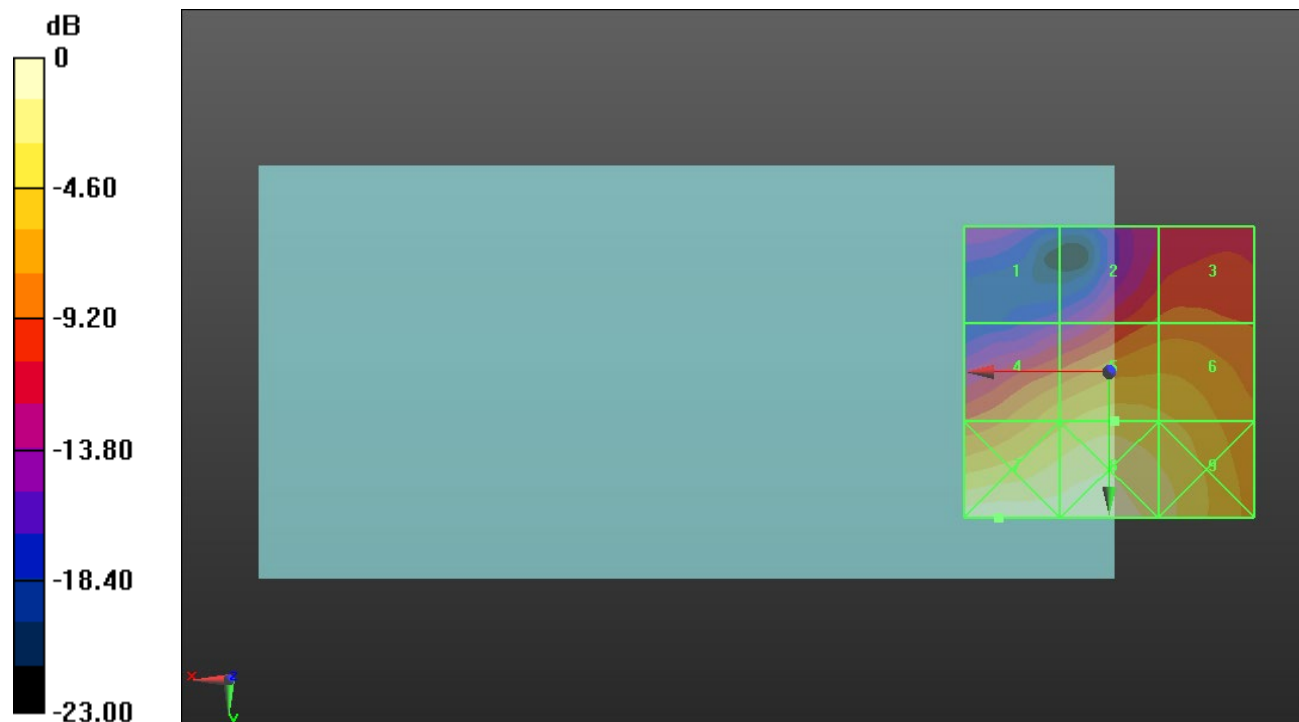
Applied MIF = -1.44 dB

RF audio interference level = 21.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.8 dBV/m	Grid 2 M4 16.53 dBV/m	Grid 3 M4 16.9 dBV/m
Grid 4 M4 20.33 dBV/m	Grid 5 M4 21.63 dBV/m	Grid 6 M4 21.12 dBV/m
Grid 7 M4 25.33 dBV/m	Grid 8 M4 24.83 dBV/m	Grid 9 M4 23.1 dBV/m



0 dB = 18.48 V/m = 25.33 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 = 14.26 V/m; Power Drift = -0.12 dB

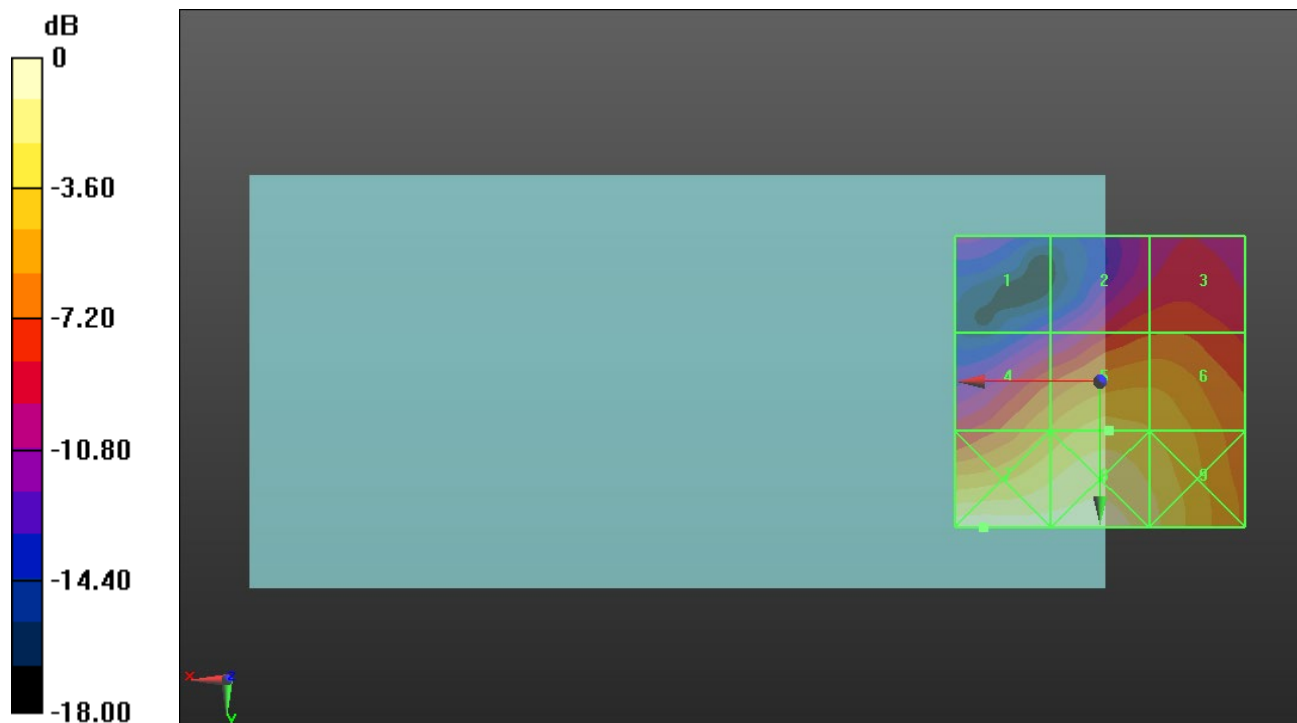
Applied MIF = -1.44 dB

RF audio interference level = 21.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.07 dBV/m	Grid 2 M4 17.09 dBV/m	Grid 3 M4 17.27 dBV/m
Grid 4 M4 19.91 dBV/m	Grid 5 M4 21.43 dBV/m	Grid 6 M4 20.94 dBV/m
Grid 7 M4 24.47 dBV/m	Grid 8 M4 24.1 dBV/m	Grid 9 M4 22.54 dBV/m



0 dB = 16.72 V/m = 24.46 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 = 14.07 V/m; Power Drift = 0.03 dB

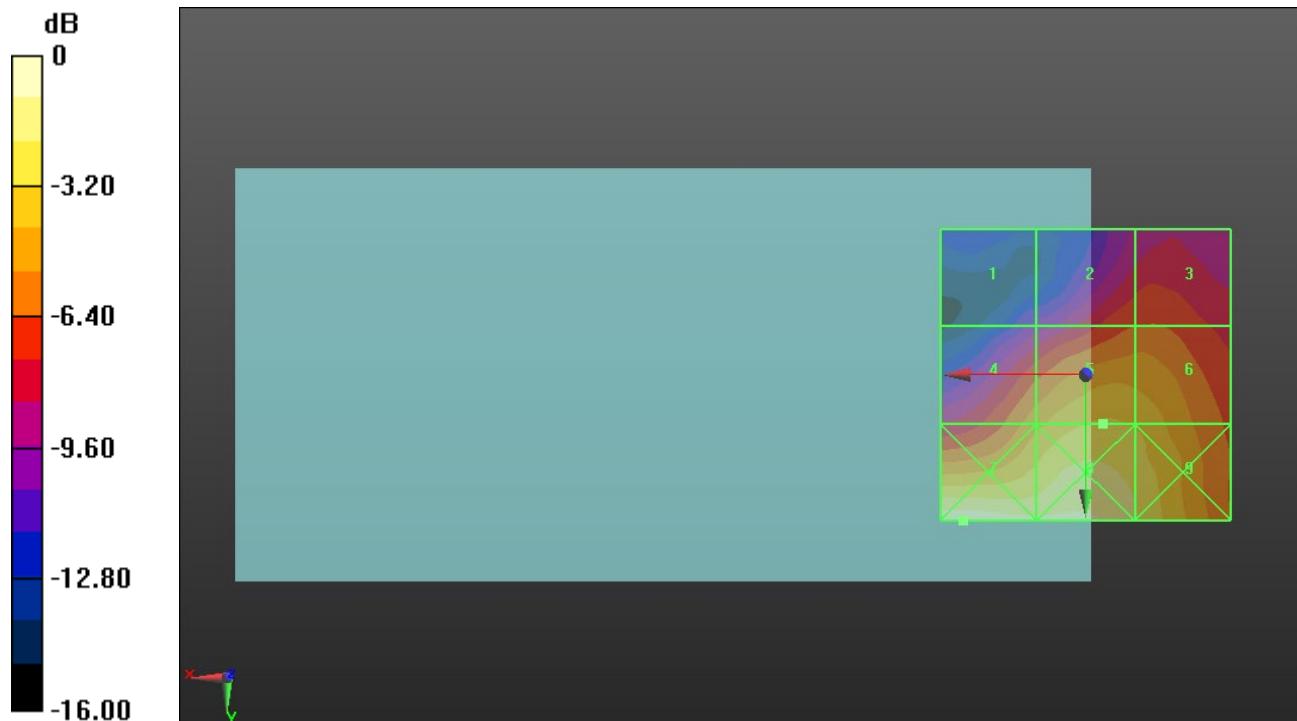
Applied MIF = -1.44 dB

RF audio interference level = 20.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.8 dBV/m	Grid 2 M4 17.61 dBV/m	Grid 3 M4 17.7 dBV/m
Grid 4 M4 19.44 dBV/m	Grid 5 M4 20.98 dBV/m	Grid 6 M4 20.74 dBV/m
Grid 7 M4 24.03 dBV/m	Grid 8 M4 23.23 dBV/m	Grid 9 M4 21.94 dBV/m



0 dB = 15.90 V/m = 24.03 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 = 13.90 V/m; Power Drift = -0.06 dB

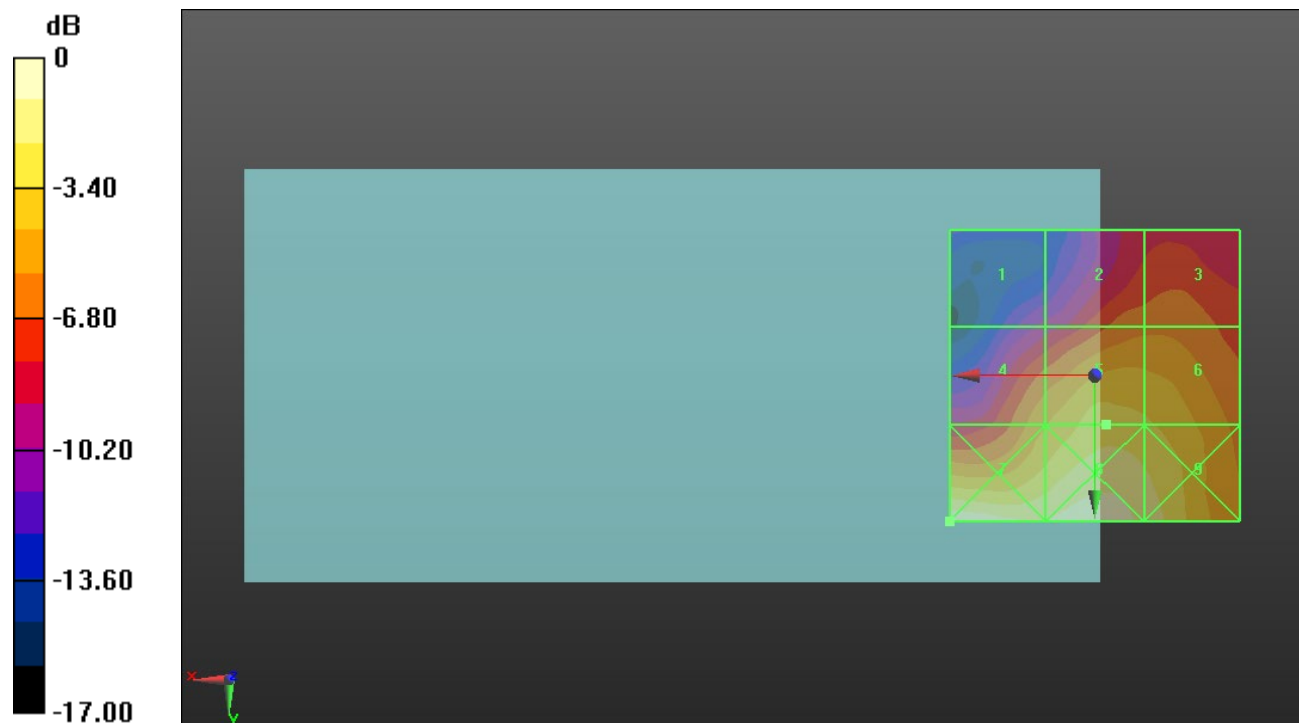
Applied MIF = -1.44 dB

RF audio interference level = 20.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.78 dBV/m	Grid 2 M4 17.41 dBV/m	Grid 3 M4 17.57 dBV/m
Grid 4 M4 18.9 dBV/m	Grid 5 M4 20.7 dBV/m	Grid 6 M4 20.32 dBV/m
Grid 7 M4 23.48 dBV/m	Grid 8 M4 22.95 dBV/m	Grid 9 M4 22.05 dBV/m



0 dB = 14.93 V/m = 23.48 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 = 12.92 V/m; Power Drift = -0.02 dB

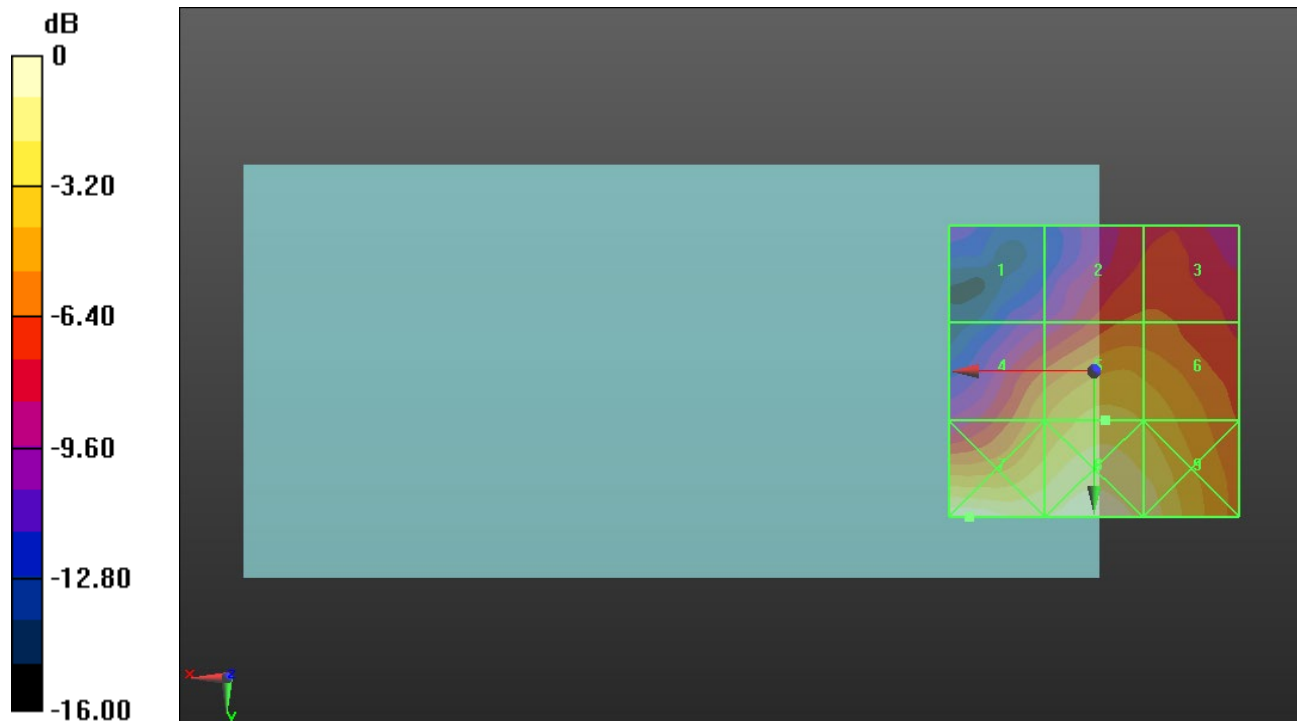
Applied MIF = -1.44 dB

RF audio interference level = 20.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.16 dBV/m	Grid 2 M4 16.74 dBV/m	Grid 3 M4 16.75 dBV/m
Grid 4 M4 18.5 dBV/m	Grid 5 M4 20.09 dBV/m	Grid 6 M4 19.55 dBV/m
Grid 7 M4 22.81 dBV/m	Grid 8 M4 22.39 dBV/m	Grid 9 M4 21.49 dBV/m



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

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.04 V/m; Power Drift = -0.19 dB

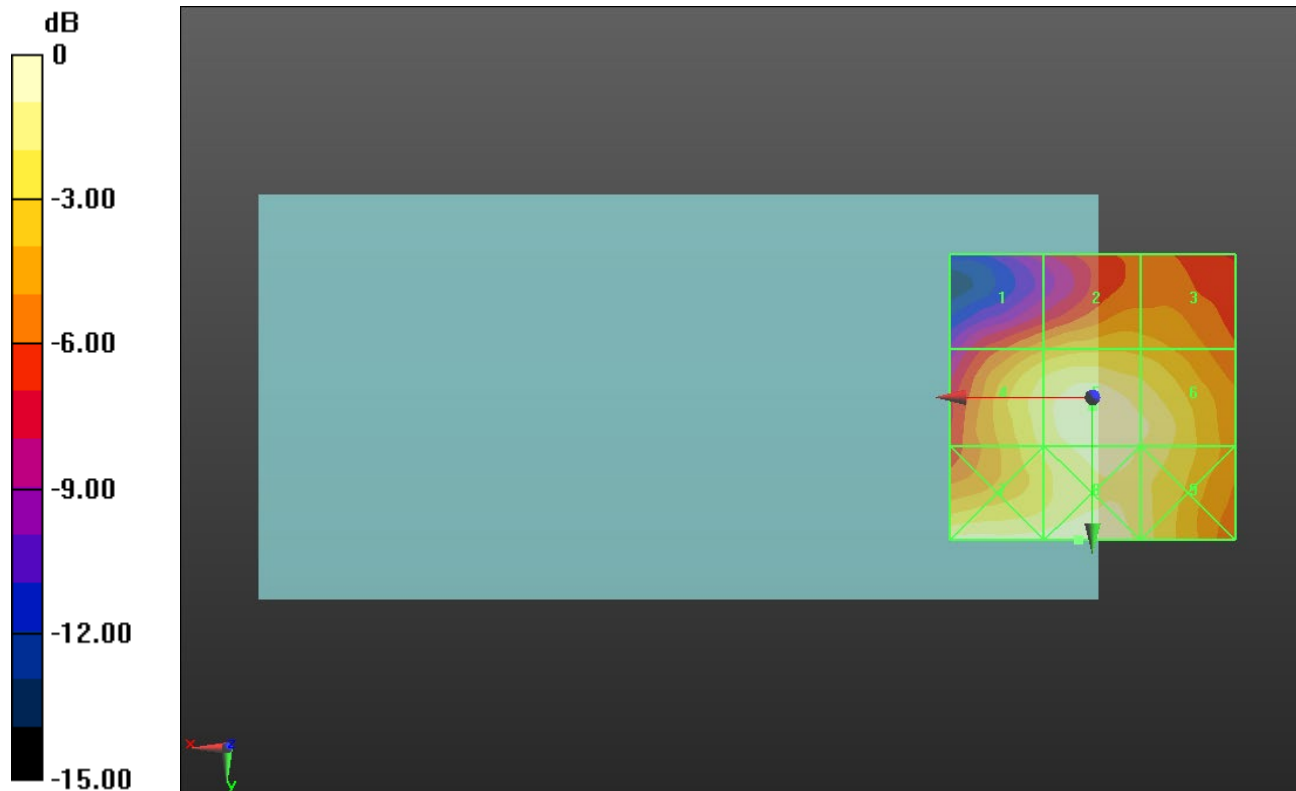
Applied MIF = -1.44 dB

RF audio interference level = 25.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.3 dBV/m	Grid 2 M4 22.35 dBV/m	Grid 3 M4 22.11 dBV/m
Grid 4 M4 24.14 dBV/m	Grid 5 M4 25.32 dBV/m	Grid 6 M4 24.62 dBV/m
Grid 7 M4 25.11 dBV/m	Grid 8 M4 25.44 dBV/m	Grid 9 M4 24.34 dBV/m



0 dB = 18.71 V/m = 25.44 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 = 29.11 V/m; Power Drift = -0.21 dB

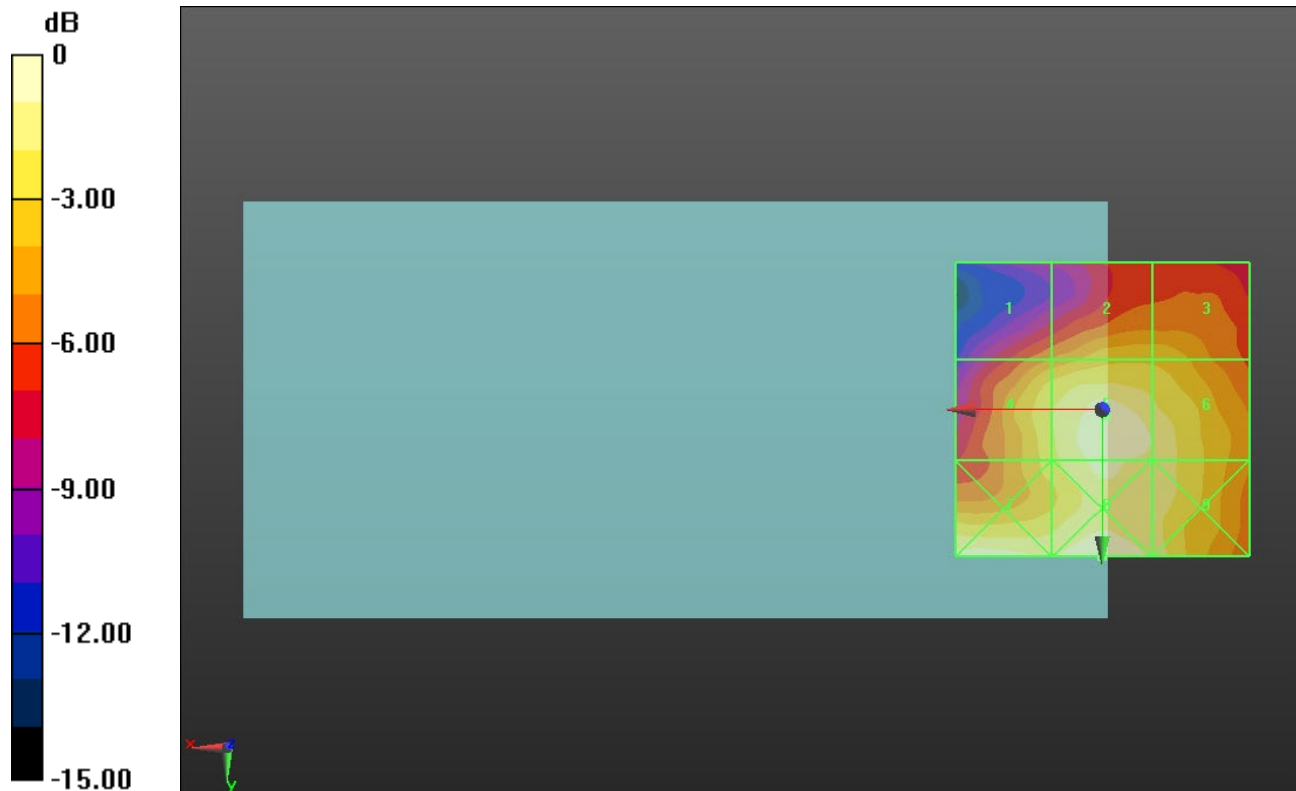
Applied MIF = -1.44 dB

RF audio interference level = 25.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.2 dBV/m	Grid 2 M4 22.86 dBV/m	Grid 3 M4 22.84 dBV/m
Grid 4 M4 24.03 dBV/m	Grid 5 M4 25.66 dBV/m	Grid 6 M4 24.98 dBV/m
Grid 7 M4 25.69 dBV/m	Grid 8 M4 26 dBV/m	Grid 9 M4 24.79 dBV/m



0 dB = 19.95 V/m = 26.00 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 = 29.15 V/m; Power Drift = 0.09 dB

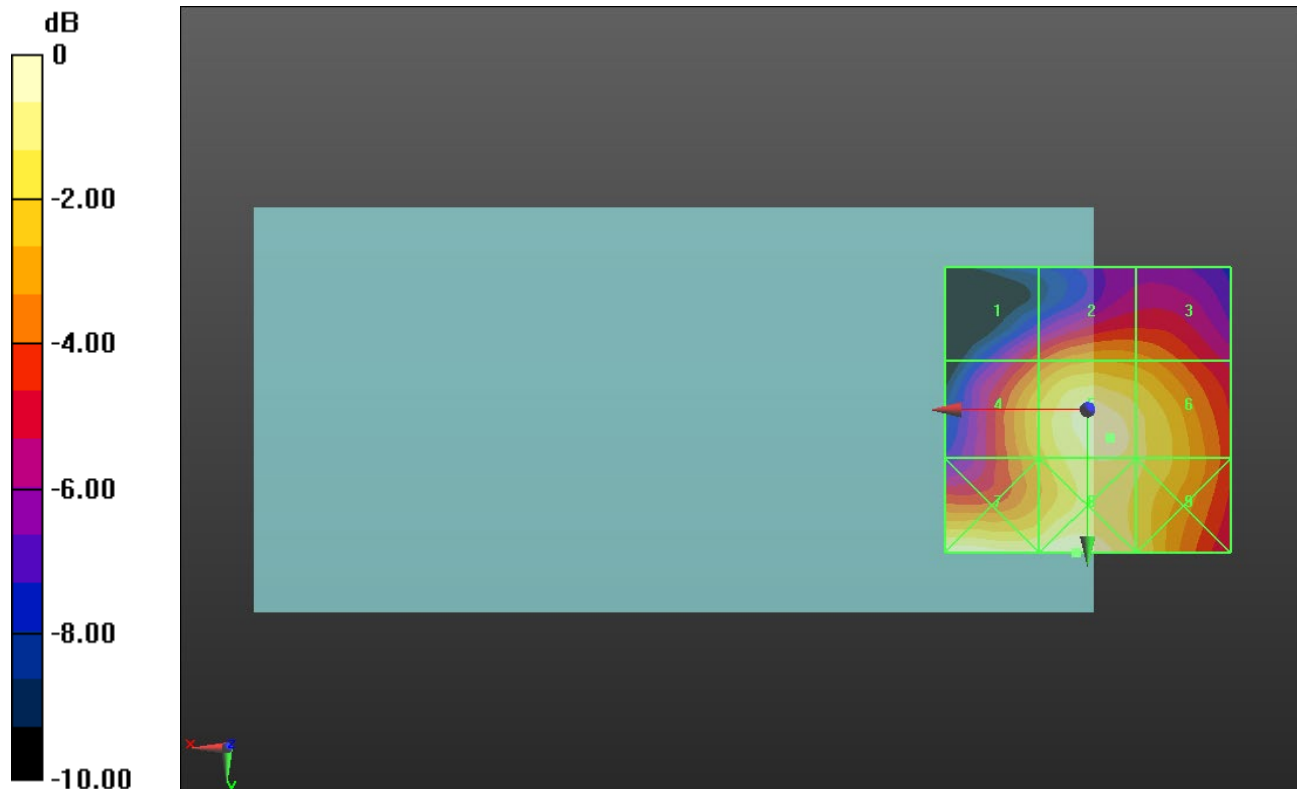
Applied MIF = -1.44 dB

RF audio interference level = 25.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.68 dBV/m	Grid 2 M4 23.05 dBV/m	Grid 3 M4 22.77 dBV/m
Grid 4 M4 23.86 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 24.69 dBV/m
Grid 7 M4 25.65 dBV/m	Grid 8 M4 25.7 dBV/m	Grid 9 M4 24.62 dBV/m



0 dB = 19.28 V/m = 25.70 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 33.46 V/m; Power Drift = -0.32 dB

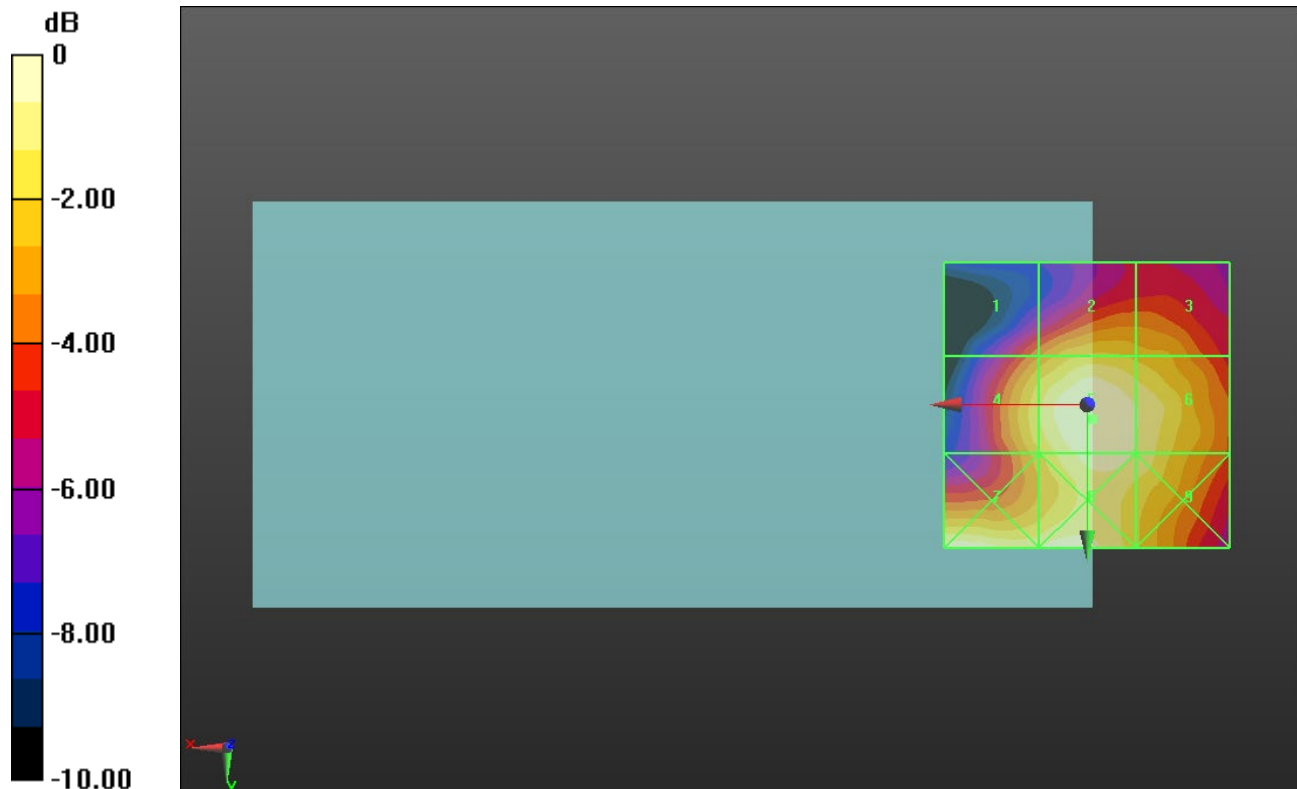
Applied MIF = -1.44 dB

RF audio interference level = 26.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.82 dBV/m	Grid 2 M4 24.39 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 24.79 dBV/m	Grid 5 M4 26.17 dBV/m	Grid 6 M4 25.57 dBV/m
Grid 7 M4 26.09 dBV/m	Grid 8 M4 25.99 dBV/m	Grid 9 M4 25.44 dBV/m



0 dB = 20.34 V/m = 26.17 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.438 V/m; Power Drift = -0.15 dB

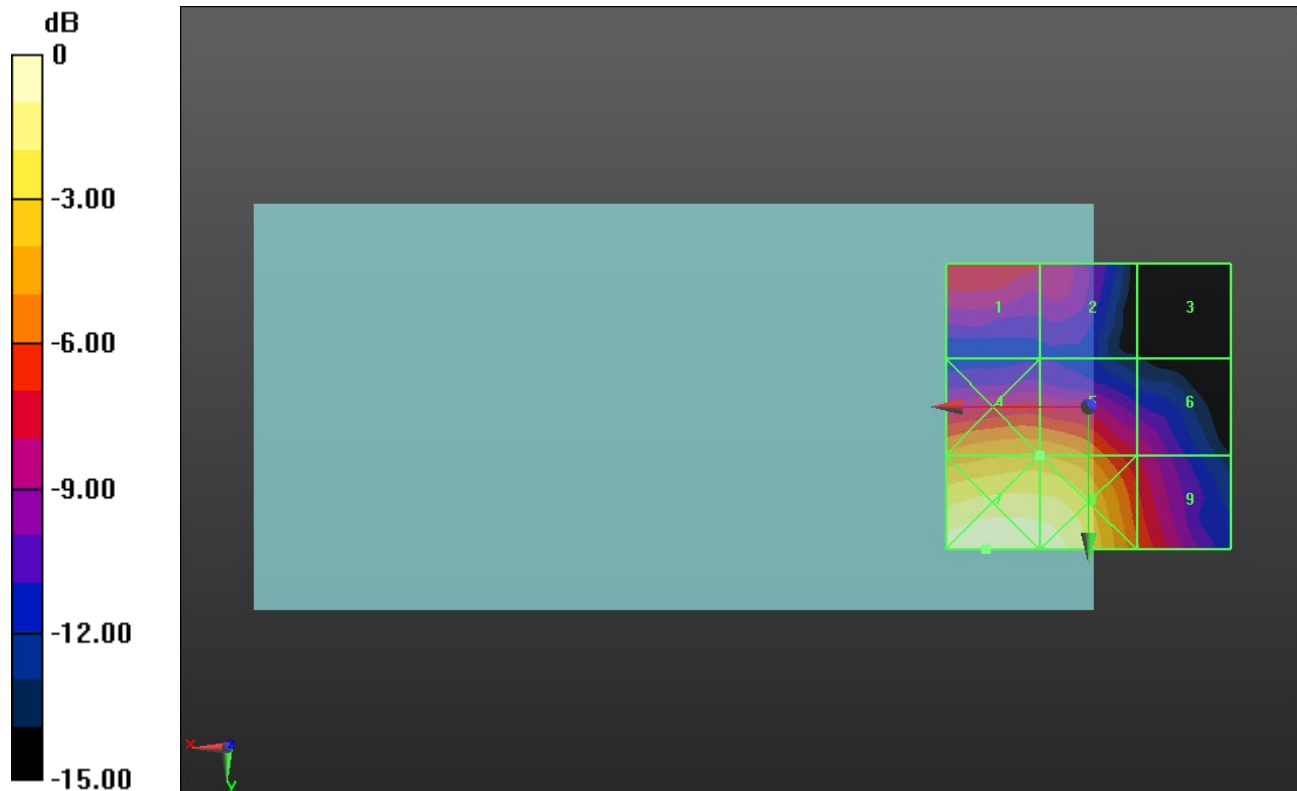
Applied MIF = -2.02 dB

RF audio interference level = 19.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.02 dBV/m	Grid 2 M4 15.19 dBV/m	Grid 3 M4 9.28 dBV/m
Grid 4 M4 19.19 dBV/m	Grid 5 M4 19.12 dBV/m	Grid 6 M4 15.11 dBV/m
Grid 7 M4 23.05 dBV/m	Grid 8 M4 22.79 dBV/m	Grid 9 M4 17.33 dBV/m



0 dB = 14.21 V/m = 23.05 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.428 V/m; Power Drift = 0.05 dB

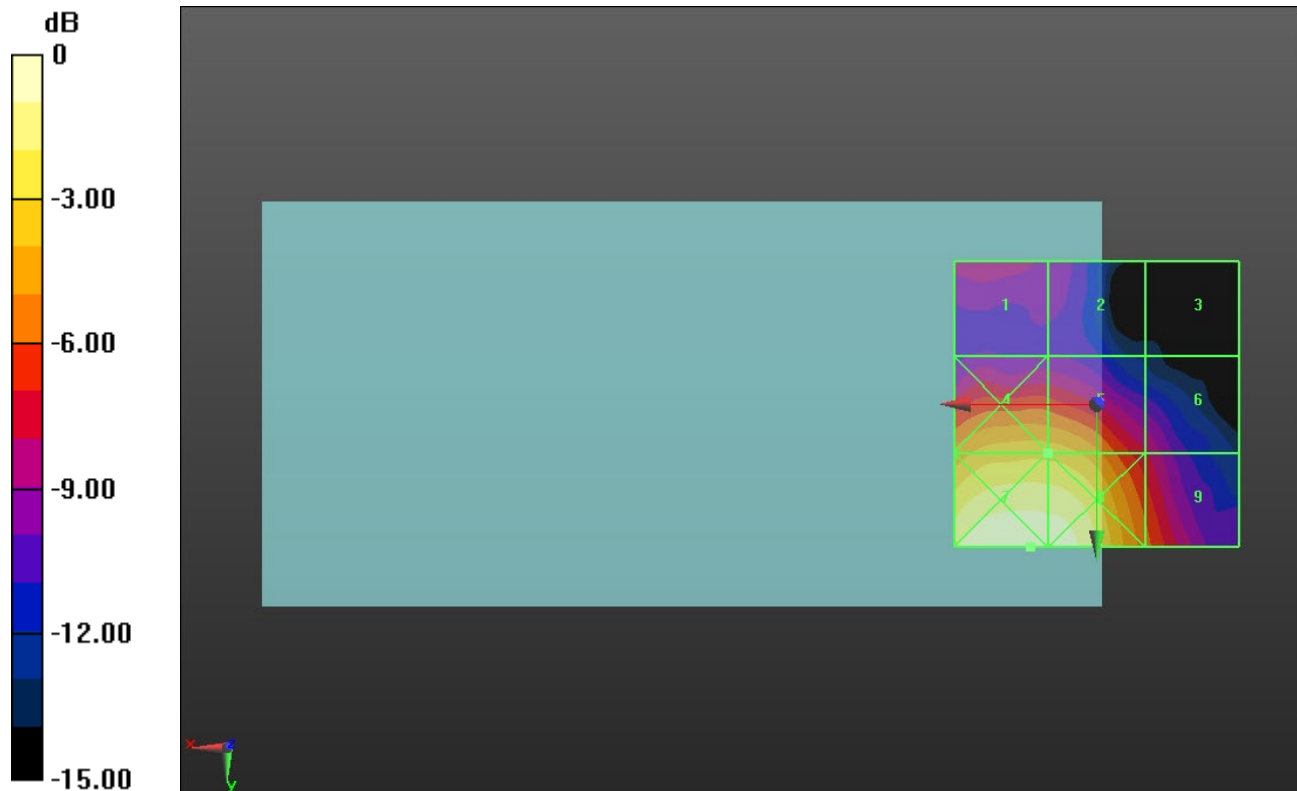
Applied MIF = -2.02 dB

RF audio interference level = 19.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.58 dBV/m	Grid 2 M4 13.65 dBV/m	Grid 3 M4 9.8 dBV/m
Grid 4 M4 19.57 dBV/m	Grid 5 M4 19.5 dBV/m	Grid 6 M4 15.01 dBV/m
Grid 7 M4 22.89 dBV/m	Grid 8 M4 22.73 dBV/m	Grid 9 M4 17.37 dBV/m



0 dB = 13.95 V/m = 22.89 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 = 8.528 V/m; Power Drift = -0.17 dB

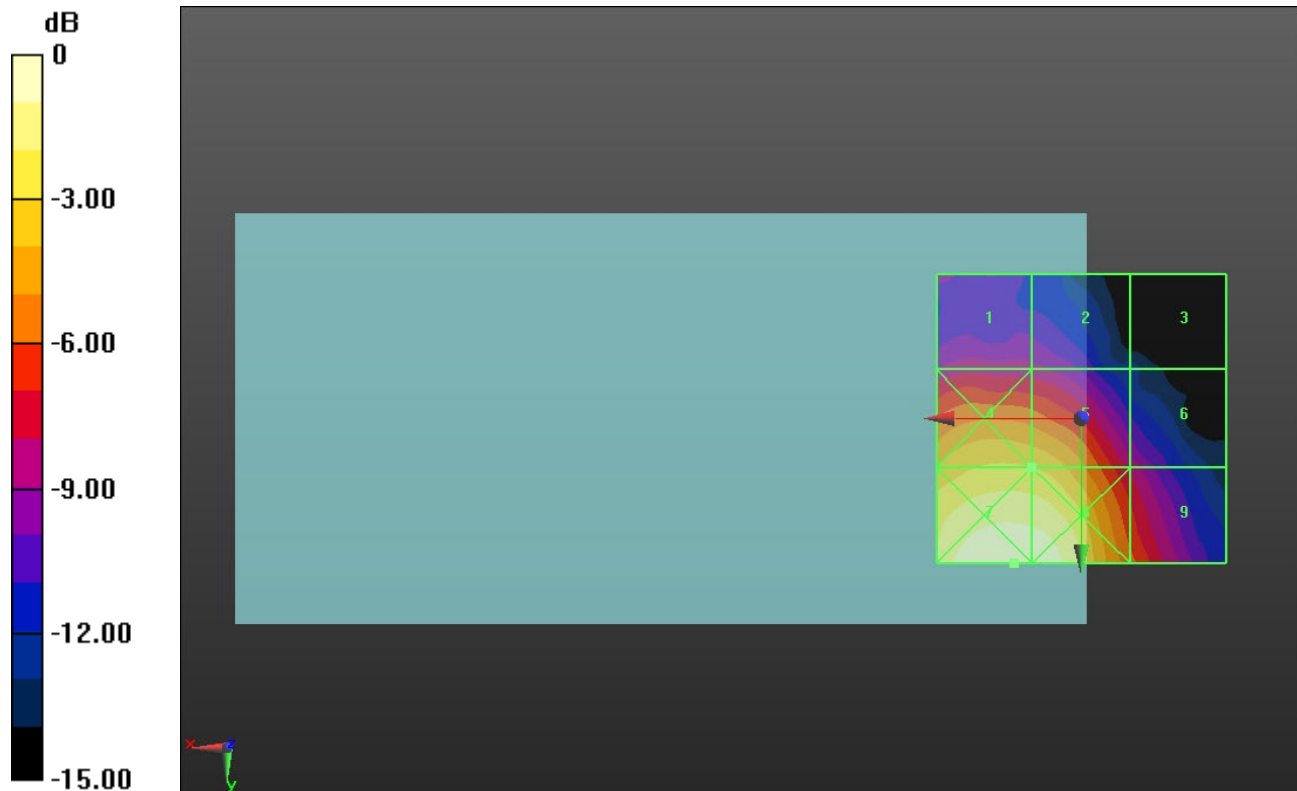
Applied MIF = -2.02 dB

RF audio interference level = 19.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.07 dBV/m	Grid 2 M4 13.77 dBV/m	Grid 3 M4 9.64 dBV/m
Grid 4 M4 19.52 dBV/m	Grid 5 M4 19.34 dBV/m	Grid 6 M4 14.03 dBV/m
Grid 7 M4 22.34 dBV/m	Grid 8 M4 22.19 dBV/m	Grid 9 M4 16.75 dBV/m



0 dB = 13.09 V/m = 22.34 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 = 7.566 V/m; Power Drift = 0.10 dB

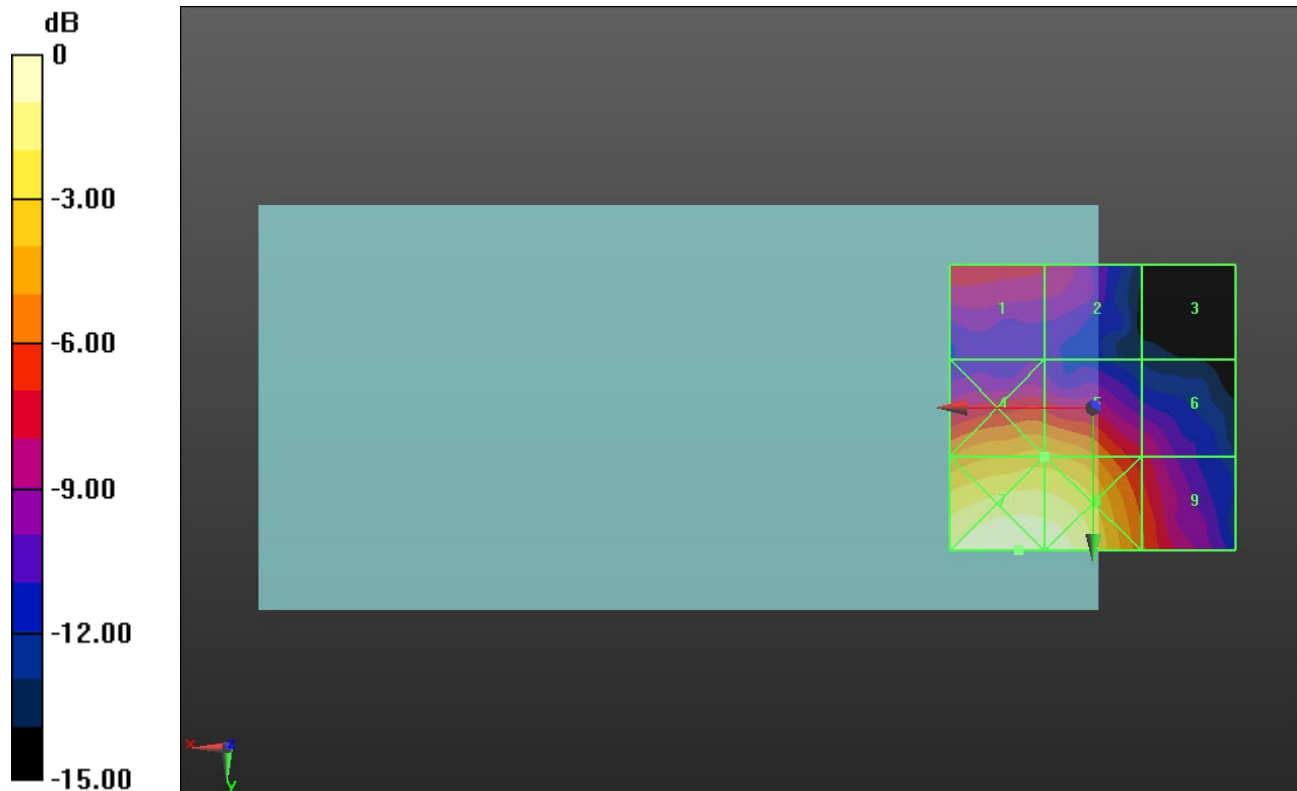
Applied MIF = 0.12 dB

RF audio interference level = 20.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.08 dBV/m	Grid 2 M4 16.29 dBV/m	Grid 3 M4 10.97 dBV/m
Grid 4 M4 20.5 dBV/m	Grid 5 M4 20.46 dBV/m	Grid 6 M4 16.46 dBV/m
Grid 7 M4 24.12 dBV/m	Grid 8 M4 23.89 dBV/m	Grid 9 M4 18.41 dBV/m



0 dB = 16.06 V/m = 24.11 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 = 7.933 V/m; Power Drift = -0.09 dB

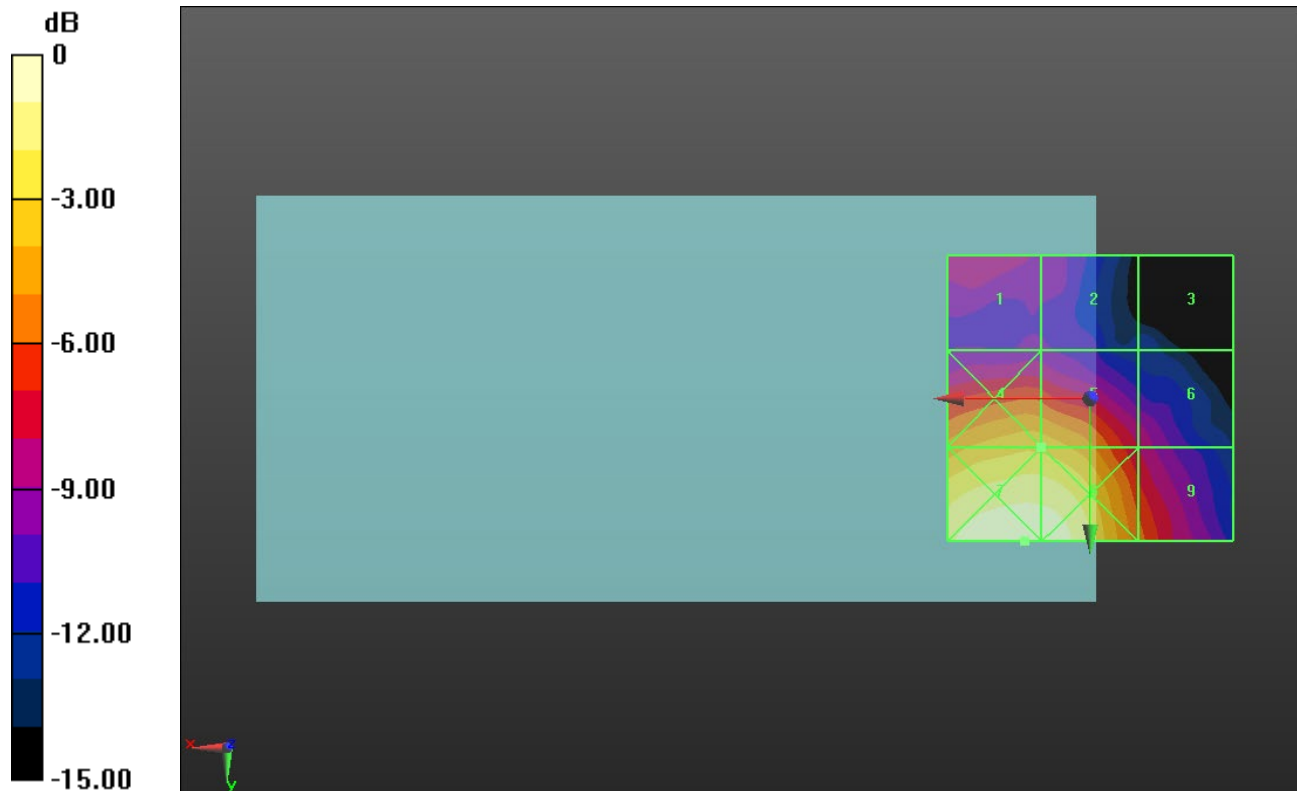
Applied MIF = 0.12 dB

RF audio interference level = 21.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.19 dBV/m	Grid 2 M4 15.19 dBV/m	Grid 3 M4 12.18 dBV/m
Grid 4 M4 21.18 dBV/m	Grid 5 M4 21.08 dBV/m	Grid 6 M4 16.35 dBV/m
Grid 7 M4 24.37 dBV/m	Grid 8 M4 24.22 dBV/m	Grid 9 M4 18.85 dBV/m



0 dB = 16.54 V/m = 24.37 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 = 8.708 V/m; Power Drift = -0.28 dB

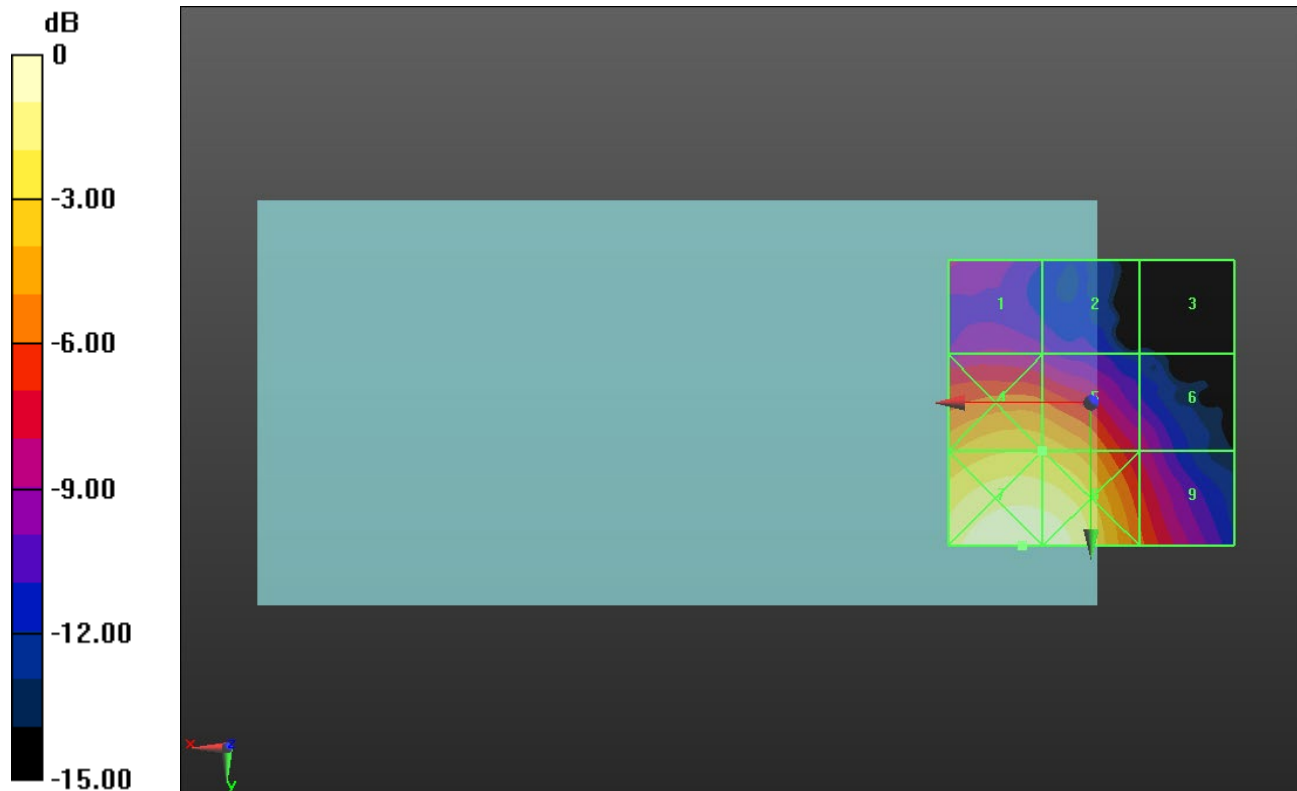
Applied MIF = 0.12 dB

RF audio interference level = 21.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.18 dBV/m	Grid 2 M4 15.19 dBV/m	Grid 3 M4 12.07 dBV/m
Grid 4 M4 21.67 dBV/m	Grid 5 M4 21.46 dBV/m	Grid 6 M4 16.45 dBV/m
Grid 7 M4 24.64 dBV/m	Grid 8 M4 24.48 dBV/m	Grid 9 M4 19.03 dBV/m



0 dB = 17.06 V/m = 24.64 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.093 V/m; Power Drift = -0.35 dB

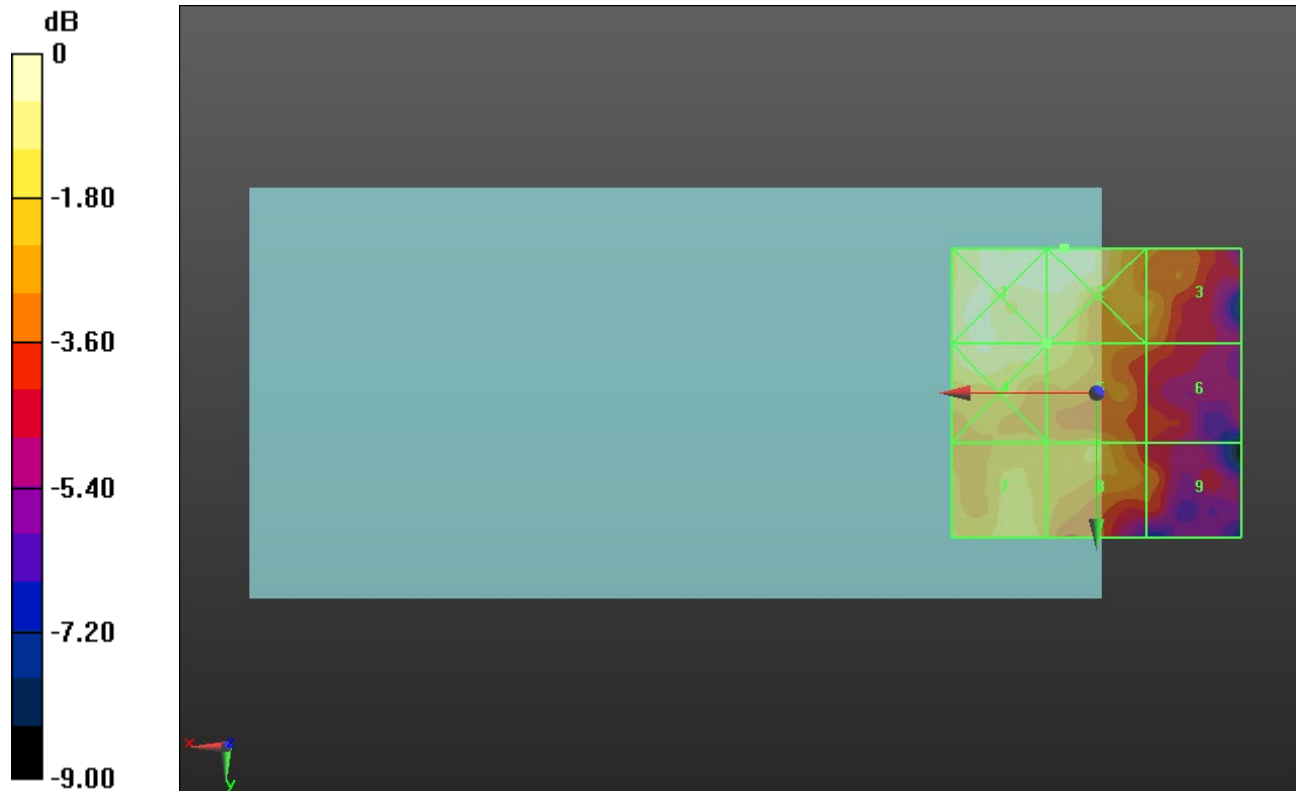
Applied MIF = -3.15 dB

RF audio interference level = 12.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.13 dBV/m	Grid 2 M4 13.34 dBV/m	Grid 3 M4 11.12 dBV/m
Grid 4 M4 12.8 dBV/m	Grid 5 M4 12.21 dBV/m	Grid 6 M4 10.23 dBV/m
Grid 7 M4 11.93 dBV/m	Grid 8 M4 11.74 dBV/m	Grid 9 M4 10.31 dBV/m



0 dB = 4.645 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: 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 = 6.502 V/m; Power Drift = -0.21 dB

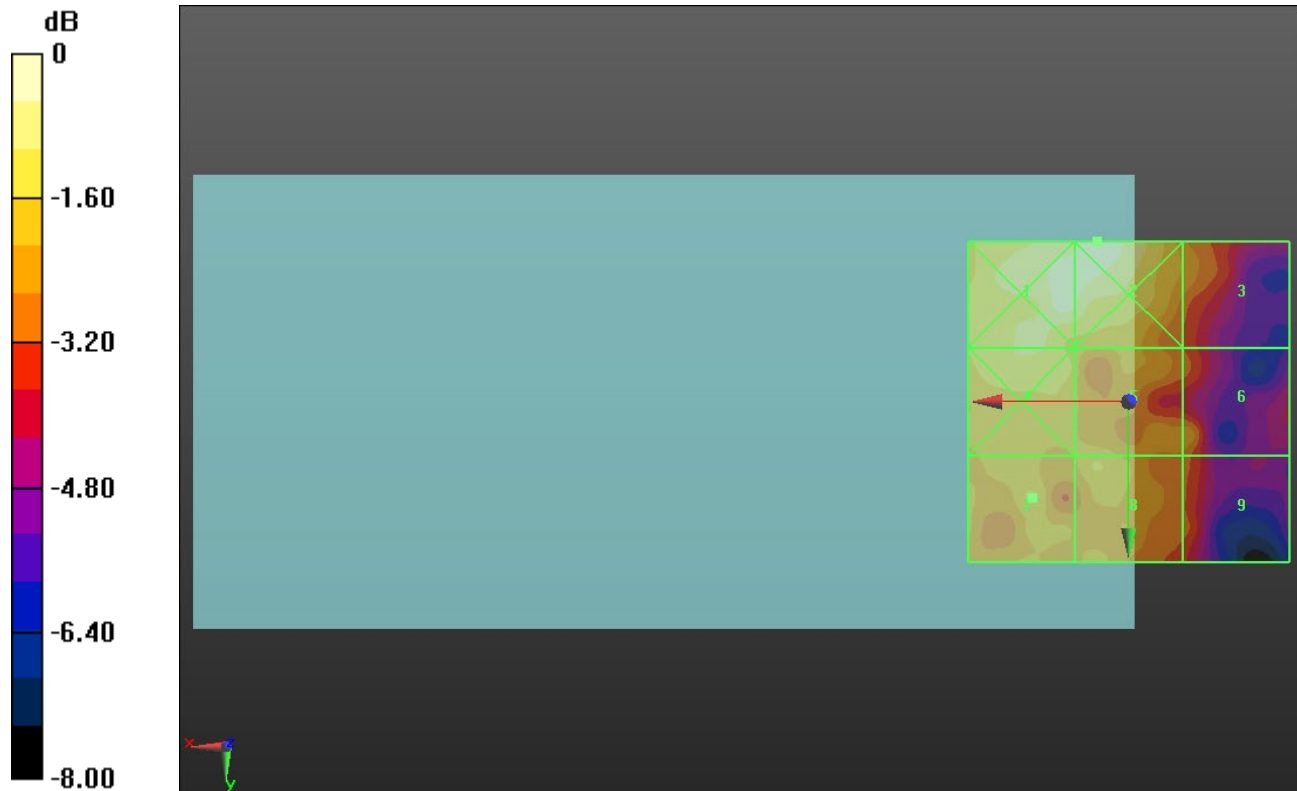
Applied MIF = -3.15 dB

RF audio interference level = 12.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.57 dBV/m	Grid 2 M4 13.84 dBV/m	Grid 3 M4 11.68 dBV/m
Grid 4 M4 12.91 dBV/m	Grid 5 M4 12.13 dBV/m	Grid 6 M4 11.59 dBV/m
Grid 7 M4 12.34 dBV/m	Grid 8 M4 12.3 dBV/m	Grid 9 M4 11.01 dBV/m



0 dB = 4.923 V/m = 13.84 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 = 6.472 V/m; Power Drift = -0.27 dB

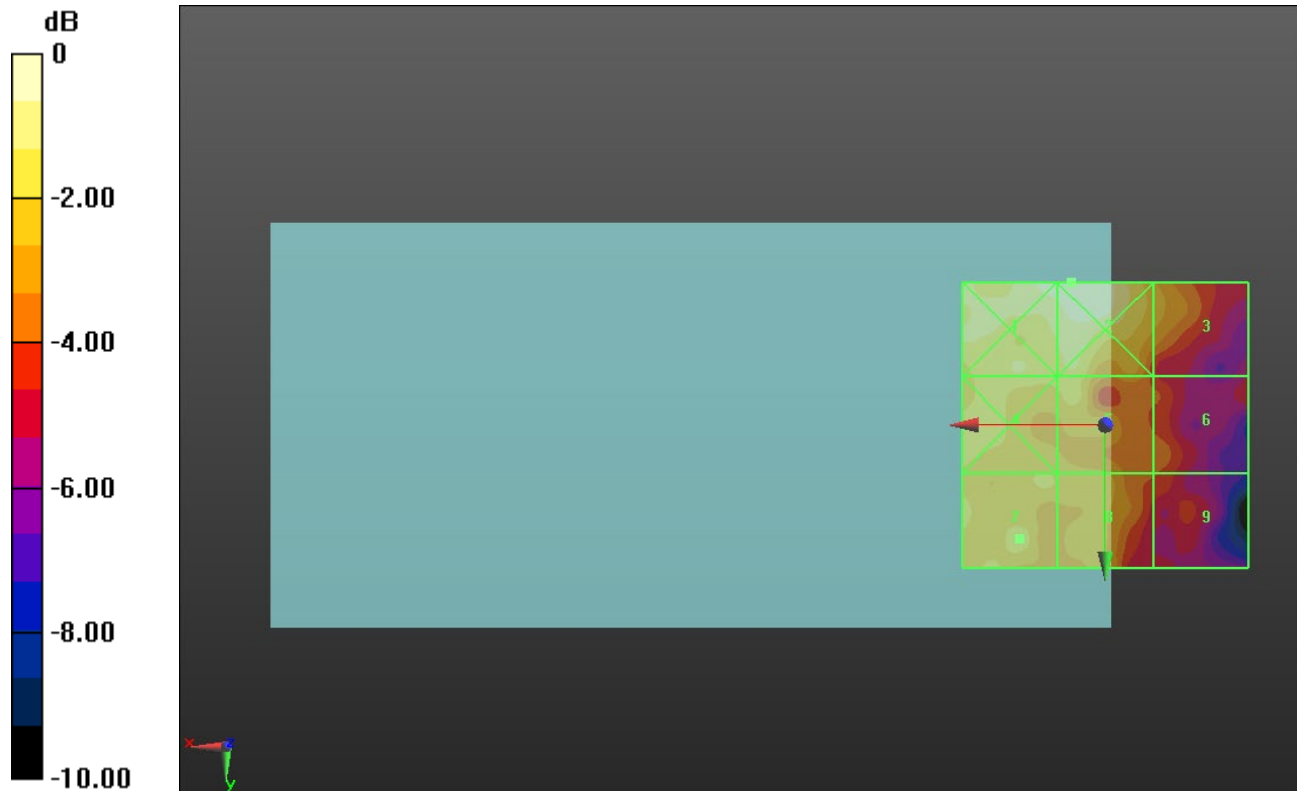
Applied MIF = -3.15 dB

RF audio interference level = 11.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.1 dBV/m	Grid 2 M4 13.19 dBV/m	Grid 3 M4 10.97 dBV/m
Grid 4 M4 11.8 dBV/m	Grid 5 M4 11.68 dBV/m	Grid 6 M4 9.76 dBV/m
Grid 7 M4 11.7 dBV/m	Grid 8 M4 11.16 dBV/m	Grid 9 M4 9.26 dBV/m



0 dB = 4.567 V/m = 13.19 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 52/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.364 V/m; Power Drift = -0.34 dB

Applied MIF = -3.15 dB

RF audio interference level = 12.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.57 dBV/m	Grid 2 M4 14.05 dBV/m	Grid 3 M4 11.54 dBV/m
Grid 4 M4 12.58 dBV/m	Grid 5 M4 12.71 dBV/m	Grid 6 M4 10.38 dBV/m
Grid 7 M4 12.37 dBV/m	Grid 8 M4 12.31 dBV/m	Grid 9 M4 9.57 dBV/m



0 dB = 5.043 V/m = 14.05 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 = 6.430 V/m; Power Drift = -0.20 dB

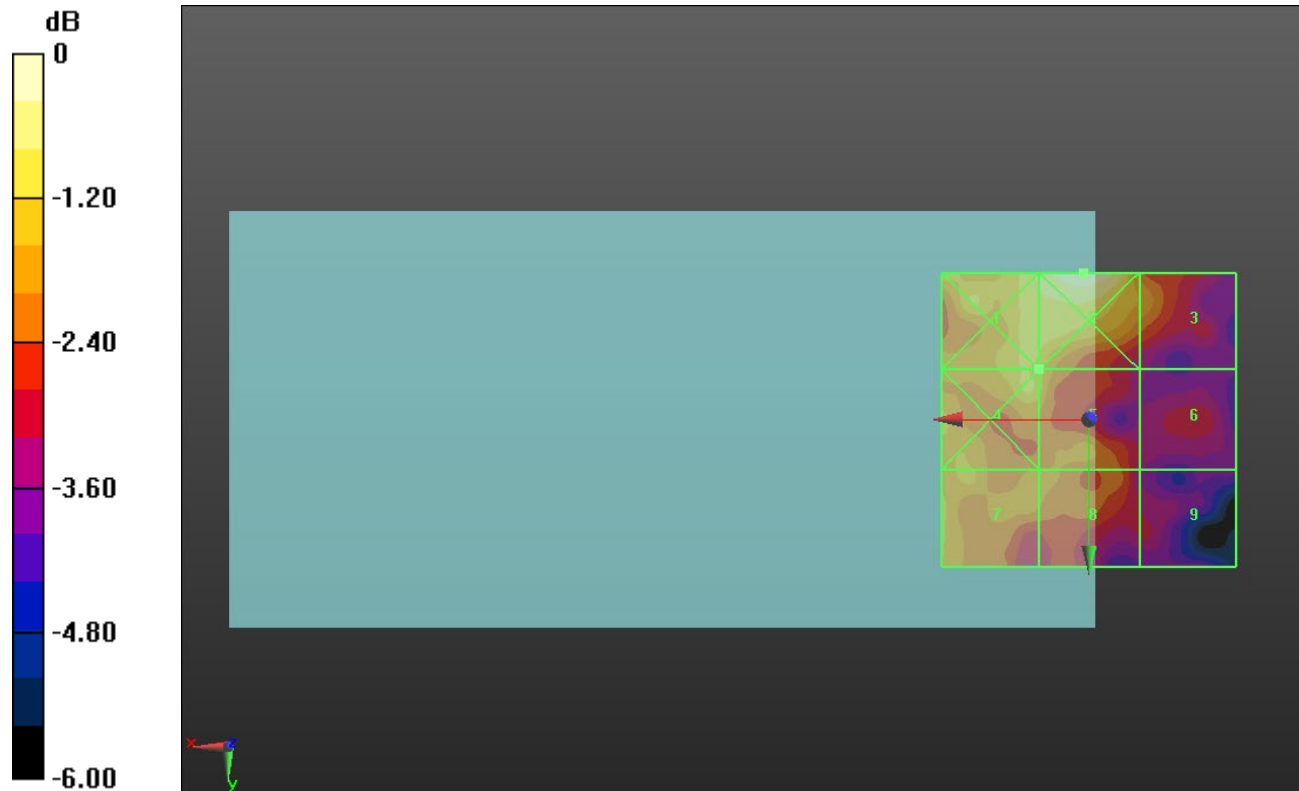
Applied MIF = -3.15 dB

RF audio interference level = 12.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.27 dBV/m	Grid 2 M4 13.94 dBV/m	Grid 3 M4 12.32 dBV/m
Grid 4 M4 12.85 dBV/m	Grid 5 M4 12.55 dBV/m	Grid 6 M4 11.04 dBV/m
Grid 7 M4 12.52 dBV/m	Grid 8 M4 12.04 dBV/m	Grid 9 M4 10.87 dBV/m



0 dB = 4.976 V/m = 13.94 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 = 6.593 V/m; Power Drift = 0.26 dB

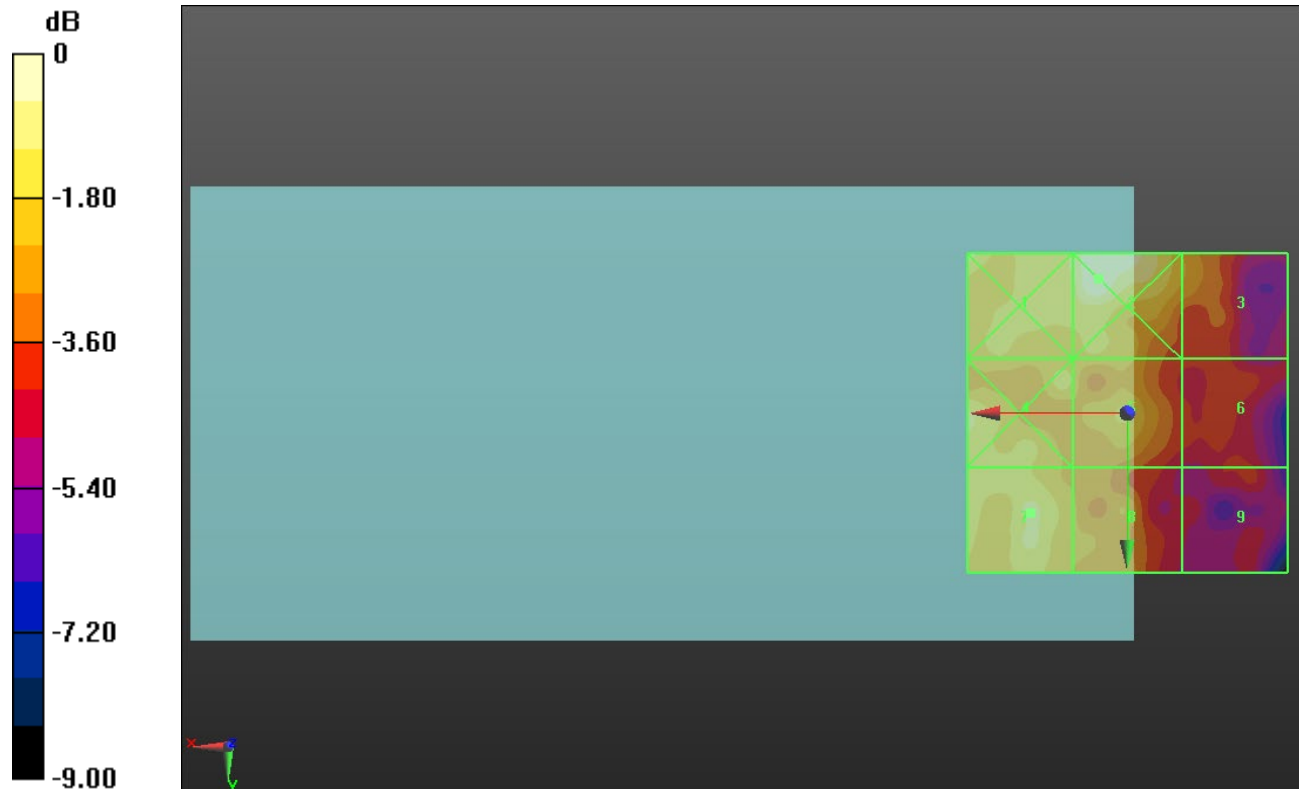
Applied MIF = -3.15 dB

RF audio interference level = 12.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.81 dBV/m	Grid 2 M4 13.47 dBV/m	Grid 3 M4 11.25 dBV/m
Grid 4 M4 12.52 dBV/m	Grid 5 M4 11.8 dBV/m	Grid 6 M4 9.64 dBV/m
Grid 7 M4 12.42 dBV/m	Grid 8 M4 11.26 dBV/m	Grid 9 M4 9.54 dBV/m



0 dB = 4.714 V/m = 13.47 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 = 9.350 V/m; Power Drift = 0.09 dB

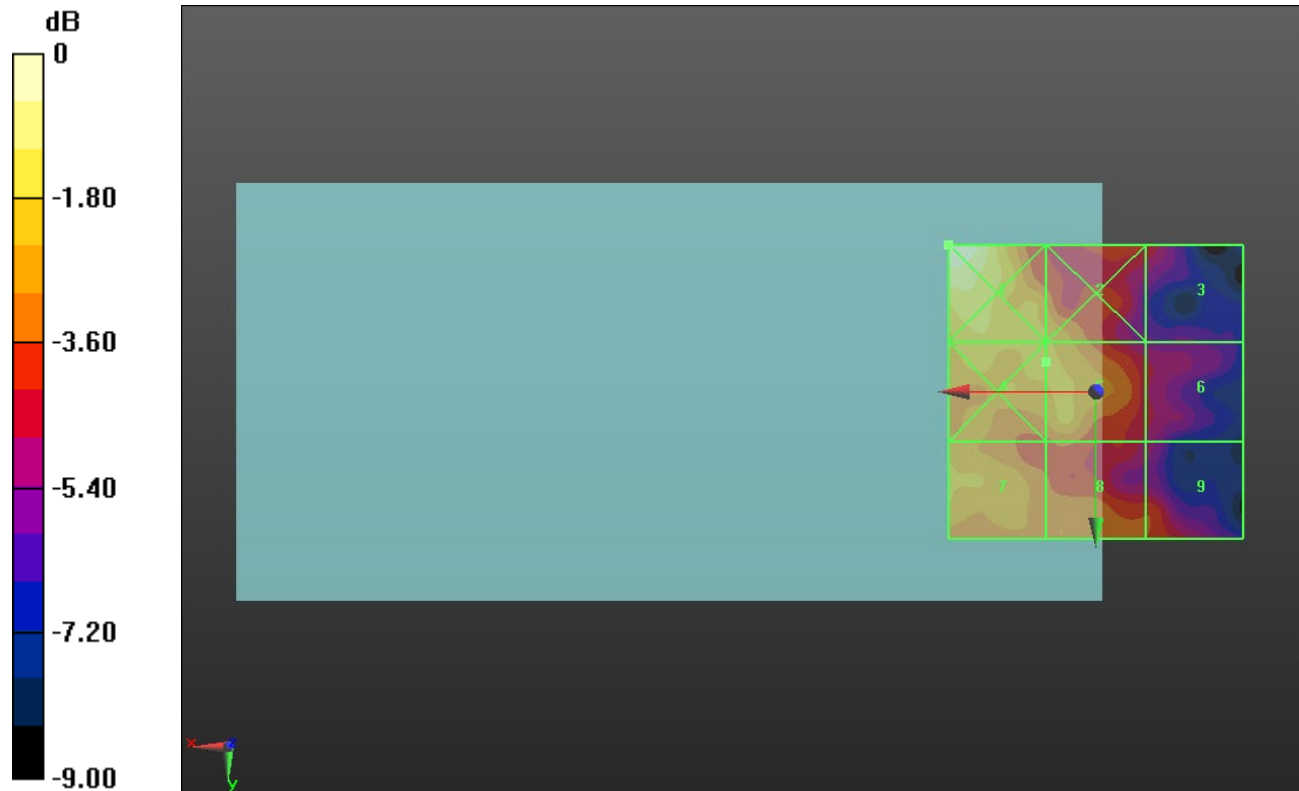
Applied MIF = -3.15 dB

RF audio interference level = 13.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.71 dBV/m	Grid 2 M4 13.45 dBV/m	Grid 3 M4 11.57 dBV/m
Grid 4 M4 13.81 dBV/m	Grid 5 M4 13.51 dBV/m	Grid 6 M4 11.21 dBV/m
Grid 7 M4 13.38 dBV/m	Grid 8 M4 12.73 dBV/m	Grid 9 M4 12.21 dBV/m



0 dB = 6.104 V/m = 15.71 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 = 9.736 V/m; Power Drift = -0.03 dB

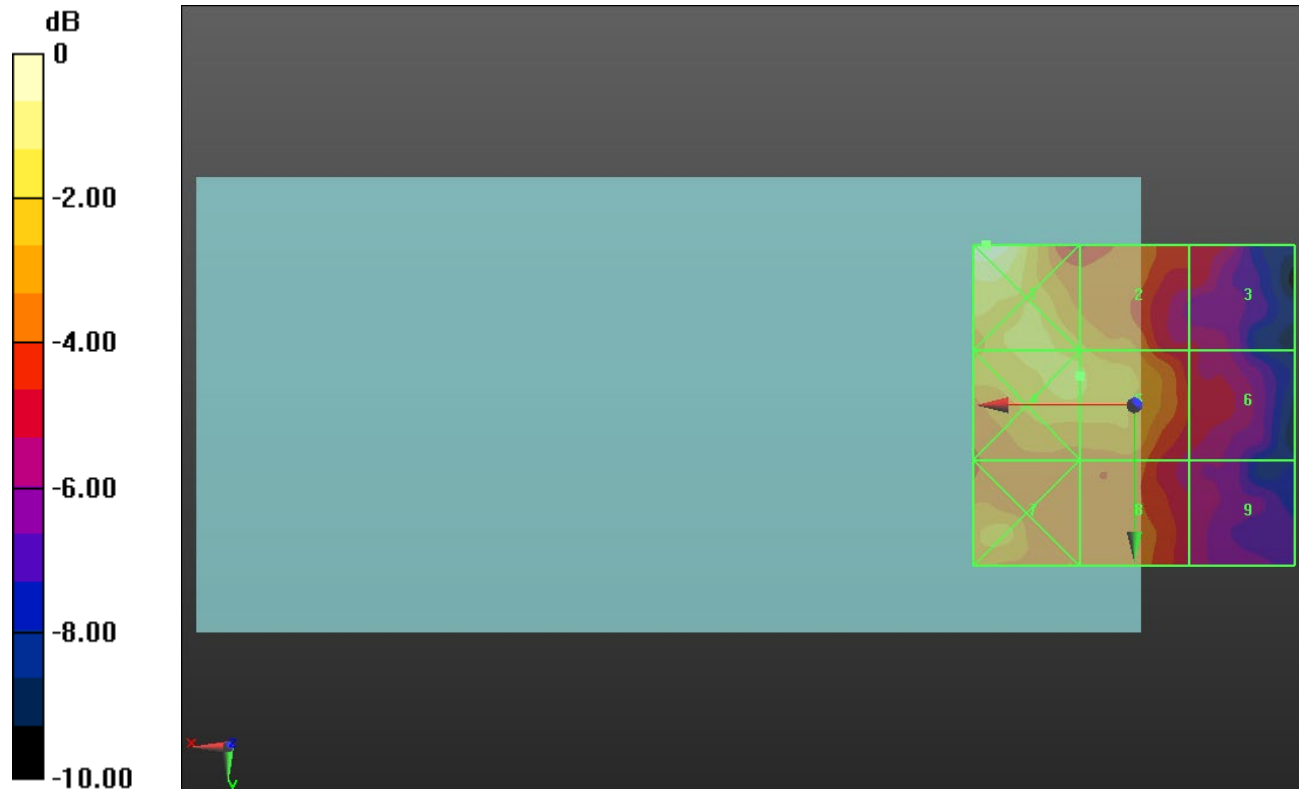
Applied MIF = -3.15 dB

RF audio interference level = 14.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.19 dBV/m	Grid 2 M4 13.76 dBV/m	Grid 3 M4 11.57 dBV/m
Grid 4 M4 14.58 dBV/m	Grid 5 M4 14.4 dBV/m	Grid 6 M4 11.55 dBV/m
Grid 7 M4 13.77 dBV/m	Grid 8 M4 12.84 dBV/m	Grid 9 M4 10.91 dBV/m



0 dB = 6.448 V/m = 16.19 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 = 8.717 V/m; Power Drift = -0.22 dB

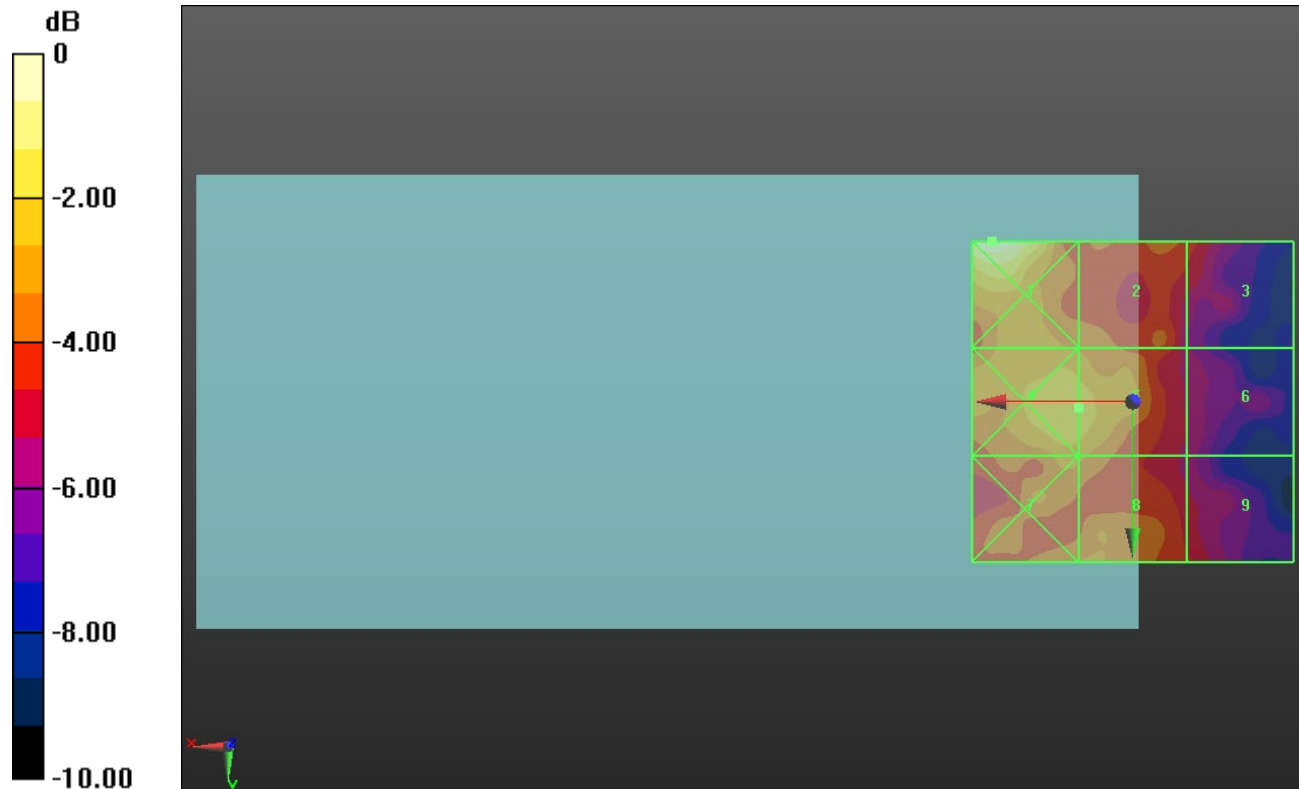
Applied MIF = -3.15 dB

RF audio interference level = 13.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.16 dBV/m	Grid 2 M4 12.75 dBV/m	Grid 3 M4 11.92 dBV/m
Grid 4 M4 14.15 dBV/m	Grid 5 M4 13.99 dBV/m	Grid 6 M4 10.83 dBV/m
Grid 7 M4 13.11 dBV/m	Grid 8 M4 13.03 dBV/m	Grid 9 M4 11.63 dBV/m



0 dB = 6.429 V/m = 16.16 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.337 V/m; Power Drift = -0.22 dB

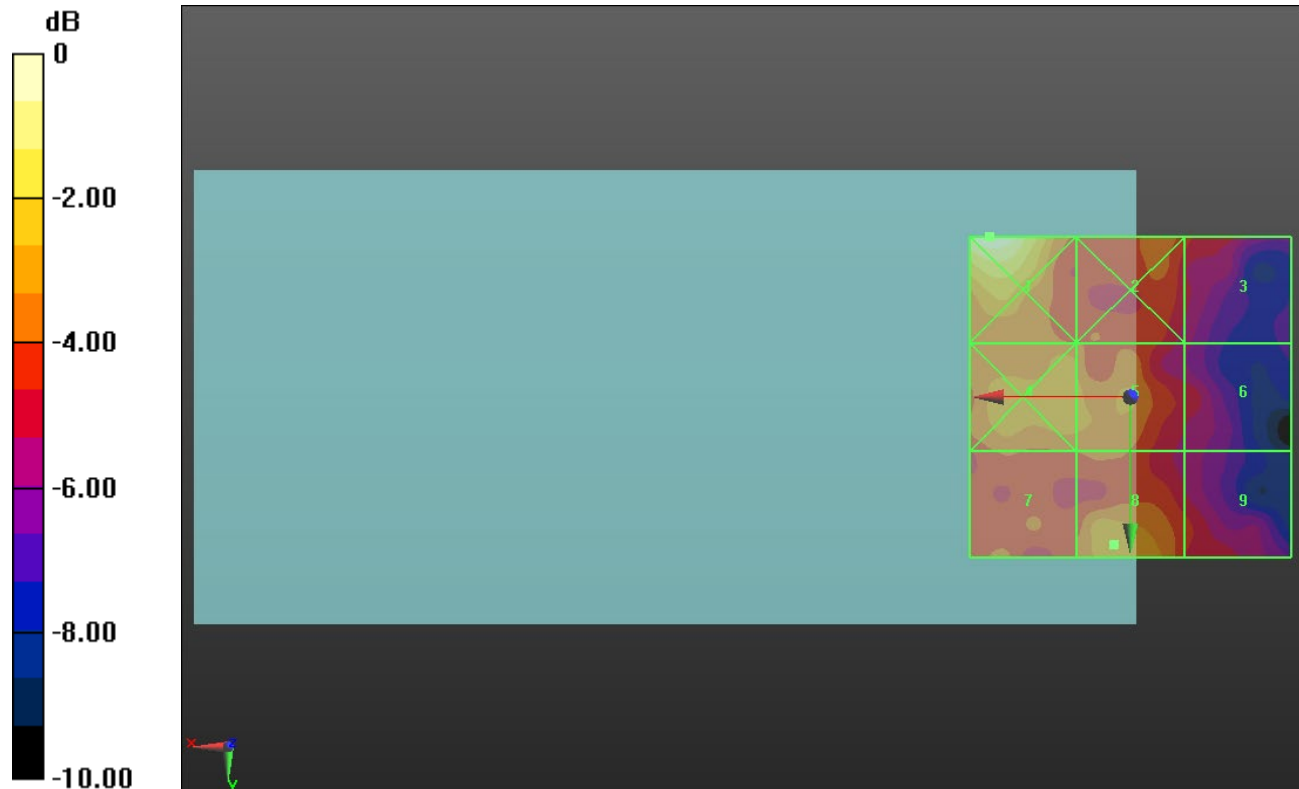
Applied MIF = -3.15 dB

RF audio interference level = 13.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.33 dBV/m	Grid 2 M4 12.78 dBV/m	Grid 3 M4 11.97 dBV/m
Grid 4 M4 13.59 dBV/m	Grid 5 M4 13.38 dBV/m	Grid 6 M4 11.61 dBV/m
Grid 7 M4 12.53 dBV/m	Grid 8 M4 13.4 dBV/m	Grid 9 M4 11.95 dBV/m



0 dB = 6.554 V/m = 16.33 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.481 V/m; Power Drift = 0.09 dB

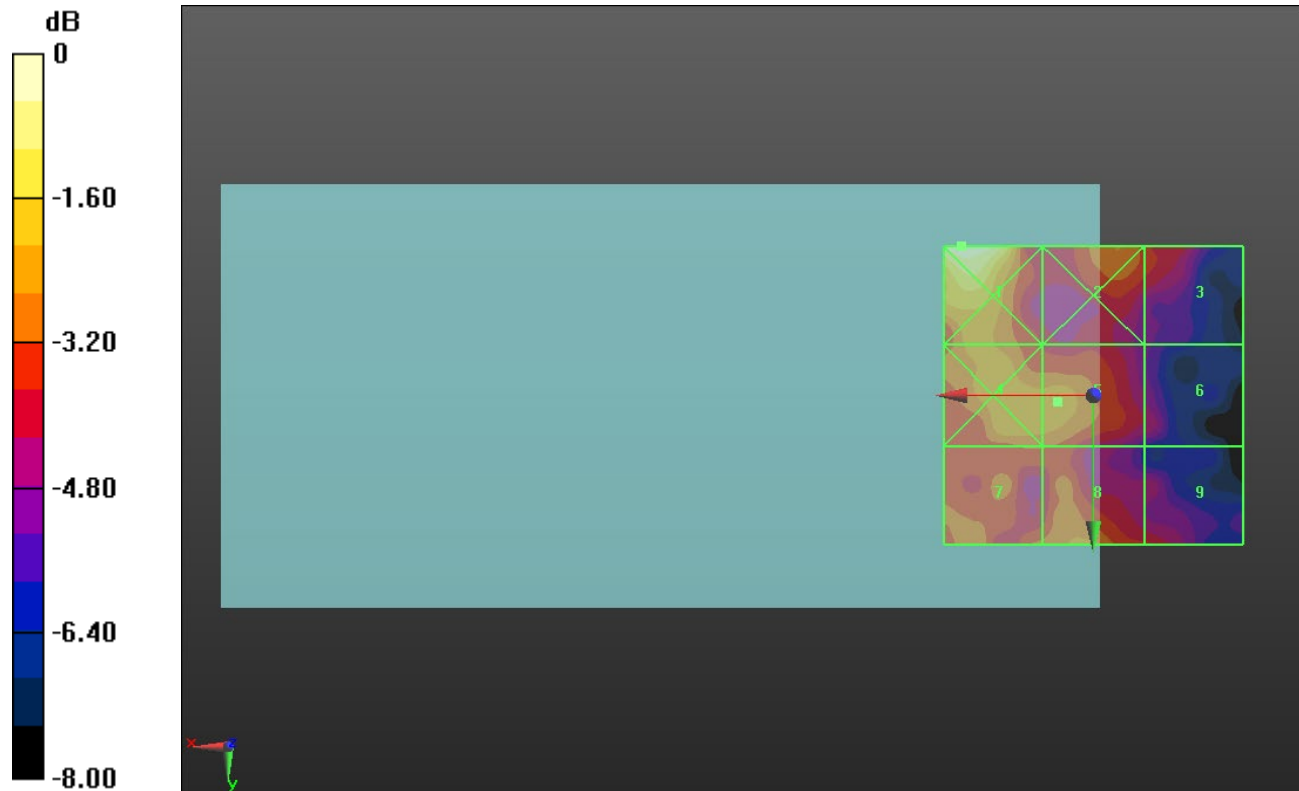
Applied MIF = -3.15 dB

RF audio interference level = 12.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.14 dBV/m	Grid 2 M4 12.51 dBV/m	Grid 3 M4 11.8 dBV/m
Grid 4 M4 13 dBV/m	Grid 5 M4 12.84 dBV/m	Grid 6 M4 10.89 dBV/m
Grid 7 M4 12.46 dBV/m	Grid 8 M4 12.68 dBV/m	Grid 9 M4 11.62 dBV/m



0 dB = 5.717 V/m = 15.14 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.685 V/m; Power Drift = 0.58 dB

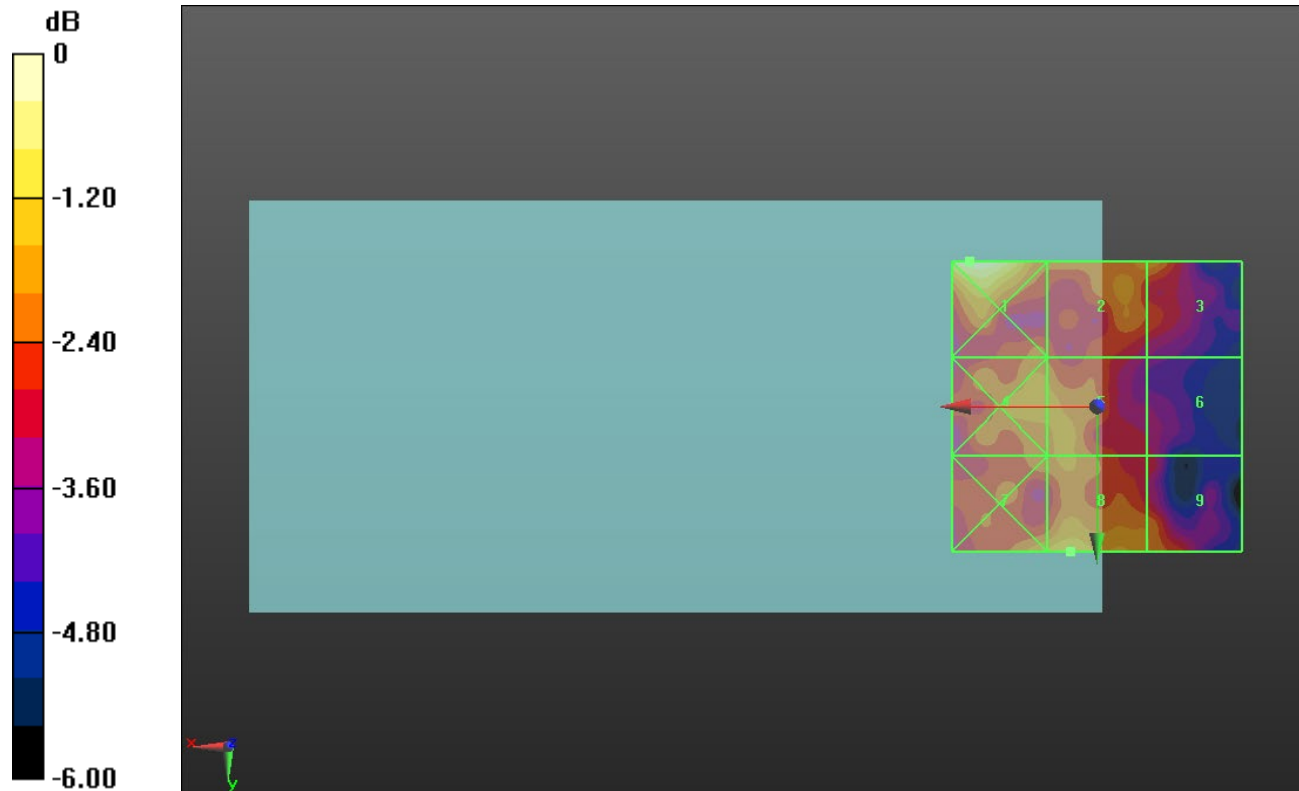
Applied MIF = -3.15 dB

RF audio interference level = 13.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.43 dBV/m	Grid 2 M4 12.84 dBV/m	Grid 3 M4 12.85 dBV/m
Grid 4 M4 12.78 dBV/m	Grid 5 M4 12.71 dBV/m	Grid 6 M4 11.49 dBV/m
Grid 7 M4 13.02 dBV/m	Grid 8 M4 13.33 dBV/m	Grid 9 M4 12.53 dBV/m



0 dB = 5.267 V/m = 14.43 dBV/m

HAC-RF Emission ANT6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.31 V/m; Power Drift = -0.02 dB

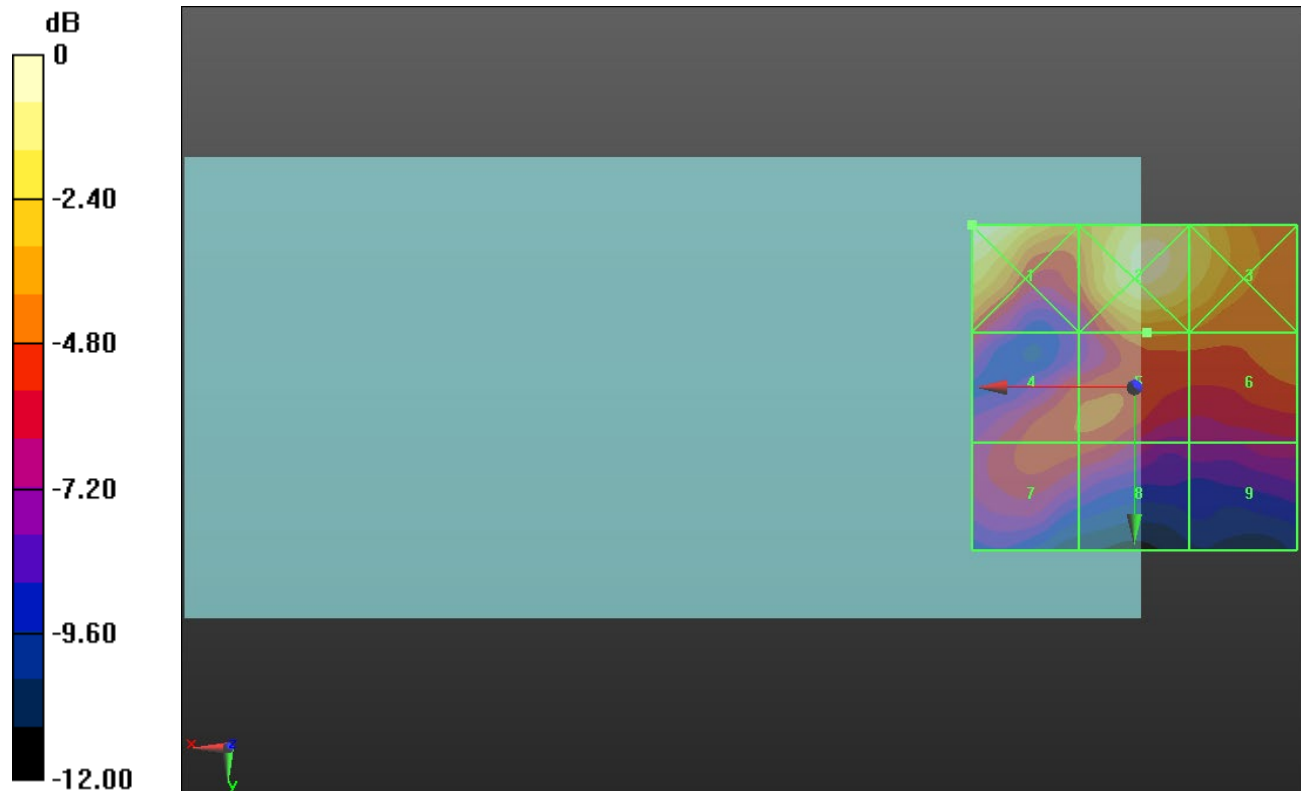
Applied MIF = -3.15 dB

RF audio interference level = 19.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.55 dBV/m	Grid 2 M4 23.1 dBV/m	Grid 3 M4 22.02 dBV/m
Grid 4 M4 18.83 dBV/m	Grid 5 M4 19.77 dBV/m	Grid 6 M4 19.46 dBV/m
Grid 7 M4 18.58 dBV/m	Grid 8 M4 18.49 dBV/m	Grid 9 M4 16.94 dBV/m



0 dB = 15.04 V/m = 23.54 dBV/m

HAC-RF Emission ANT6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.46 V/m; Power Drift = 0.04 dB

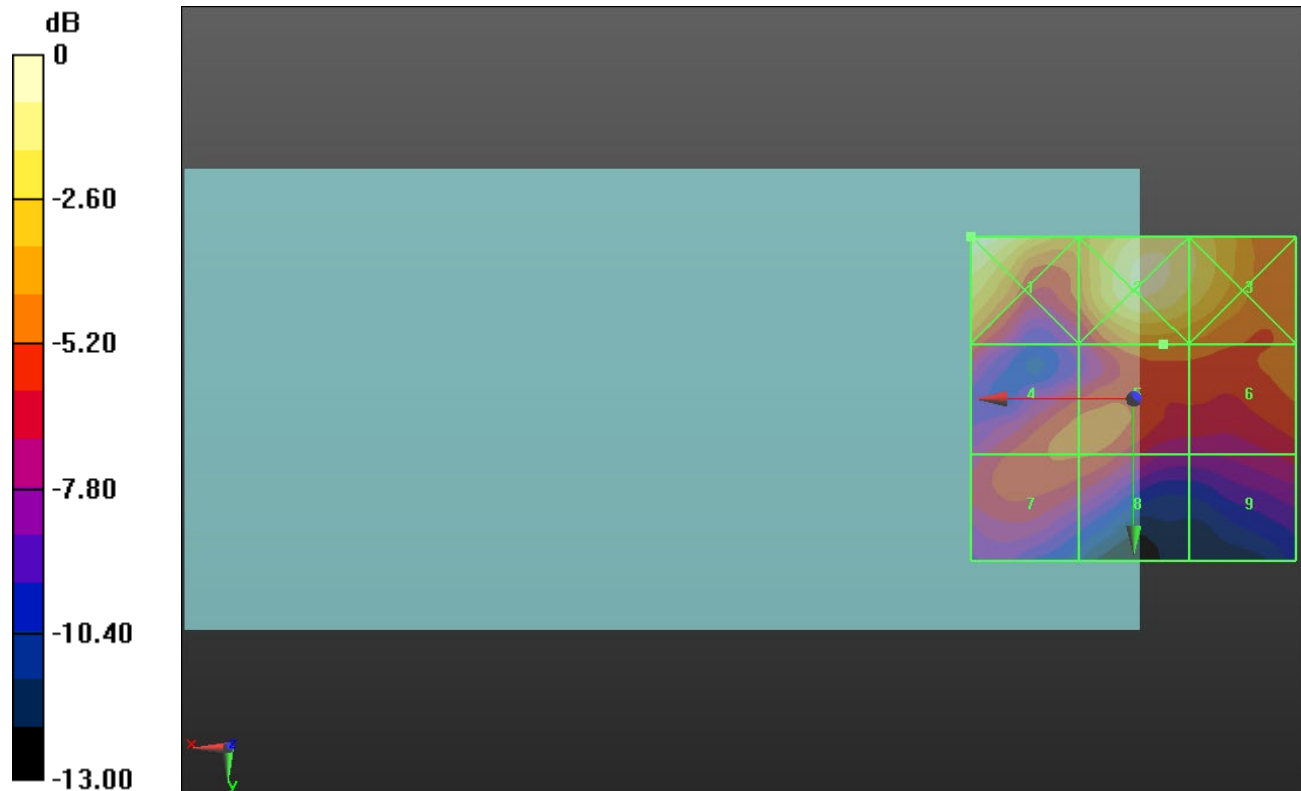
Applied MIF = -3.15 dB

RF audio interference level = 19.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.57 dBV/m	Grid 2 M4 23.03 dBV/m	Grid 3 M4 22.1 dBV/m
Grid 4 M4 18.8 dBV/m	Grid 5 M4 19.52 dBV/m	Grid 6 M4 19.17 dBV/m
Grid 7 M4 18.52 dBV/m	Grid 8 M4 18.52 dBV/m	Grid 9 M4 17.1 dBV/m



0 dB = 15.08 V/m = 23.57 dBV/m

HAC-RF Emission ANT6

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.54 V/m; Power Drift = -0.03 dB

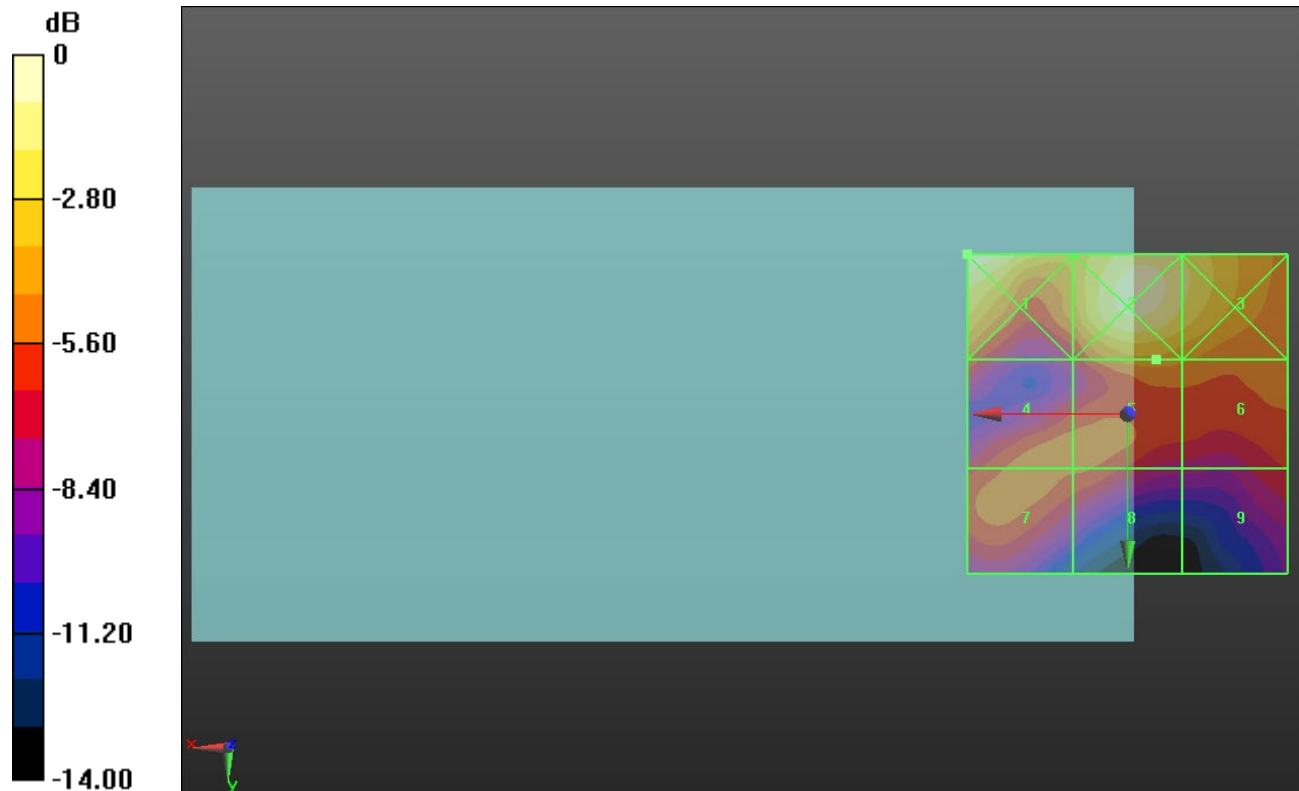
Applied MIF = -3.15 dB

RF audio interference level = 19.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.56 dBV/m	Grid 2 M4 23.12 dBV/m	Grid 3 M4 22 dBV/m
Grid 4 M4 18.61 dBV/m	Grid 5 M4 19.53 dBV/m	Grid 6 M4 19.07 dBV/m
Grid 7 M4 18.64 dBV/m	Grid 8 M4 18.2 dBV/m	Grid 9 M4 17.08 dBV/m



0 dB = 15.07 V/m = 23.56 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.836 V/m; Power Drift = -0.47 dB

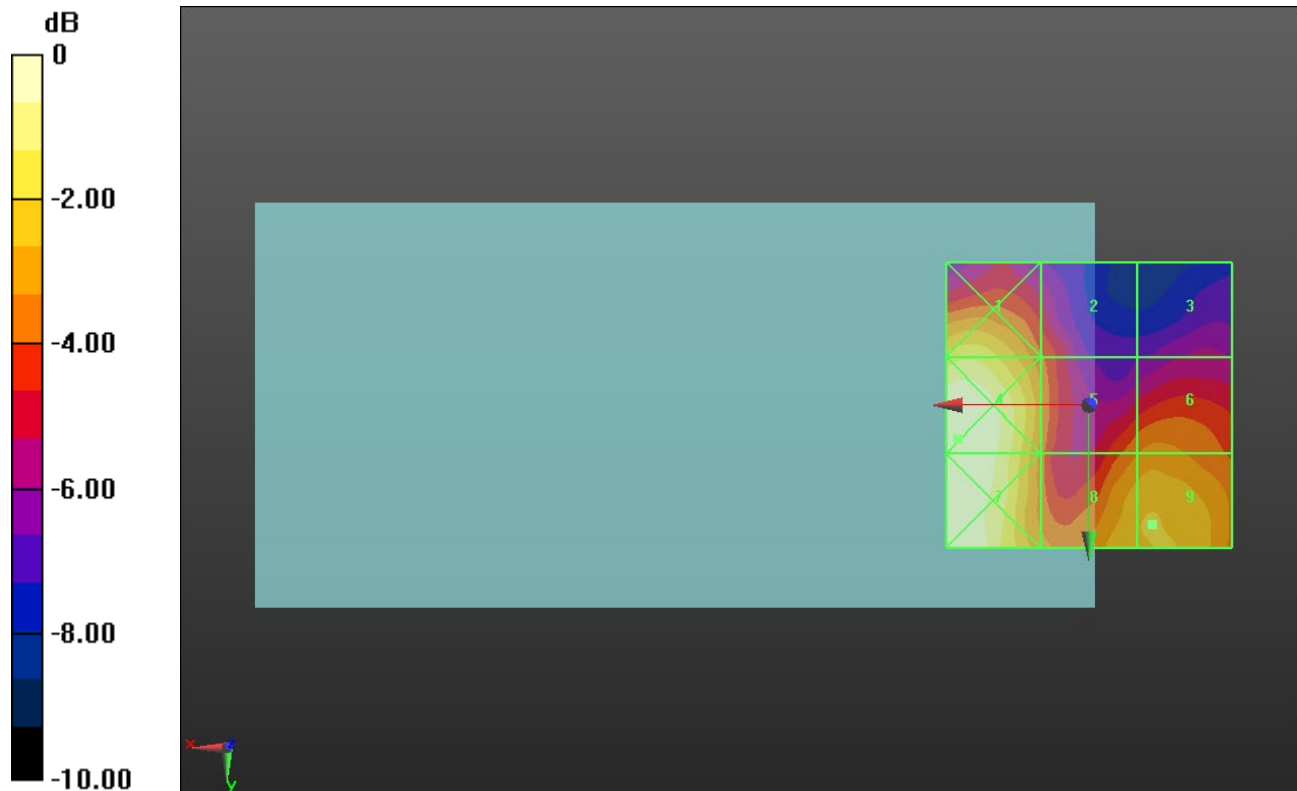
Applied MIF = -1.44 dB

RF audio interference level = 19.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.31 dBV/m	Grid 2 M4 17.91 dBV/m	Grid 3 M4 15.98 dBV/m
Grid 4 M4 21.75 dBV/m	Grid 5 M4 18.65 dBV/m	Grid 6 M4 18.71 dBV/m
Grid 7 M4 21.72 dBV/m	Grid 8 M4 19.7 dBV/m	Grid 9 M4 19.85 dBV/m



0 dB = 12.23 V/m = 21.75 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.213 V/m; Power Drift = 0.18 dB

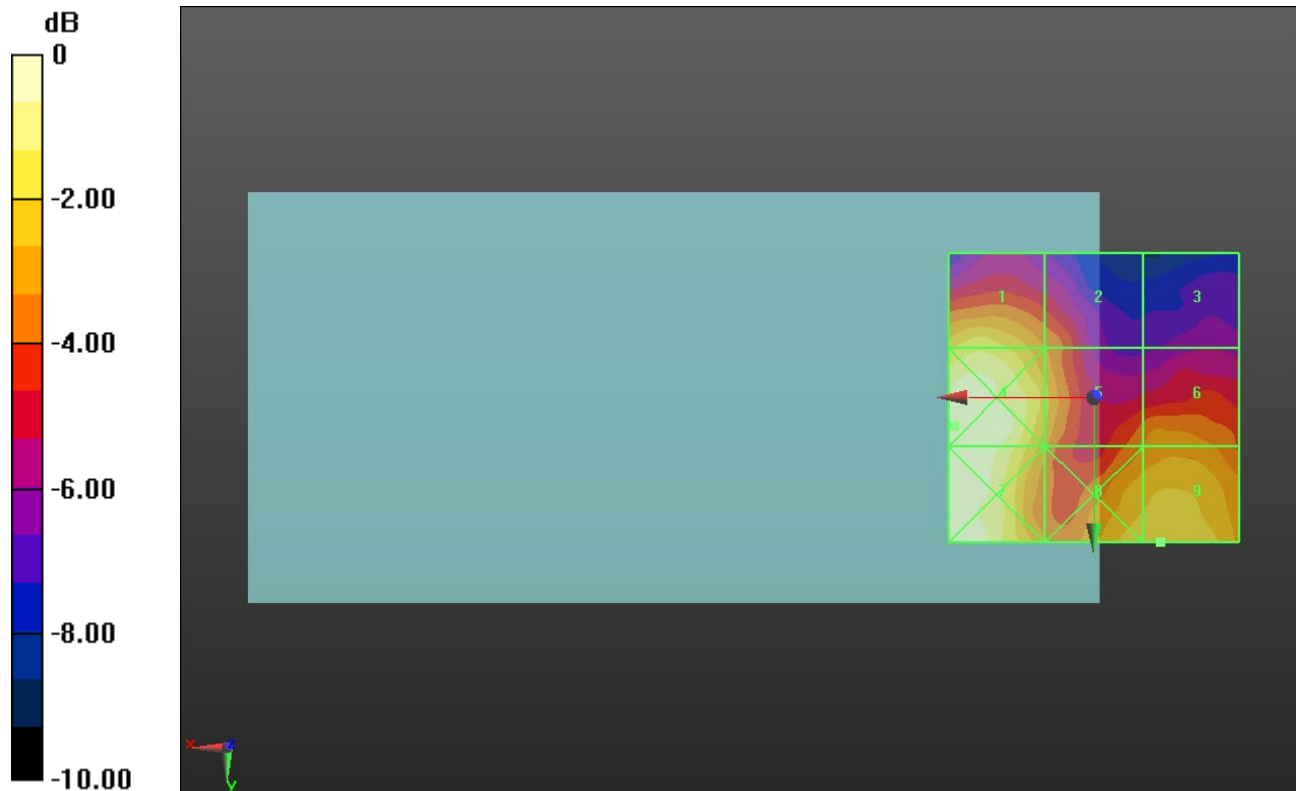
Applied MIF = -1.44 dB

RF audio interference level = 21.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.09 dBV/m	Grid 2 M4 19.26 dBV/m	Grid 3 M4 16.57 dBV/m
Grid 4 M4 22.52 dBV/m	Grid 5 M4 20.23 dBV/m	Grid 6 M4 19.63 dBV/m
Grid 7 M4 22.48 dBV/m	Grid 8 M4 21.11 dBV/m	Grid 9 M4 21.24 dBV/m



0 dB = 13.37 V/m = 22.52 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.217 V/m; Power Drift = 0.18 dB

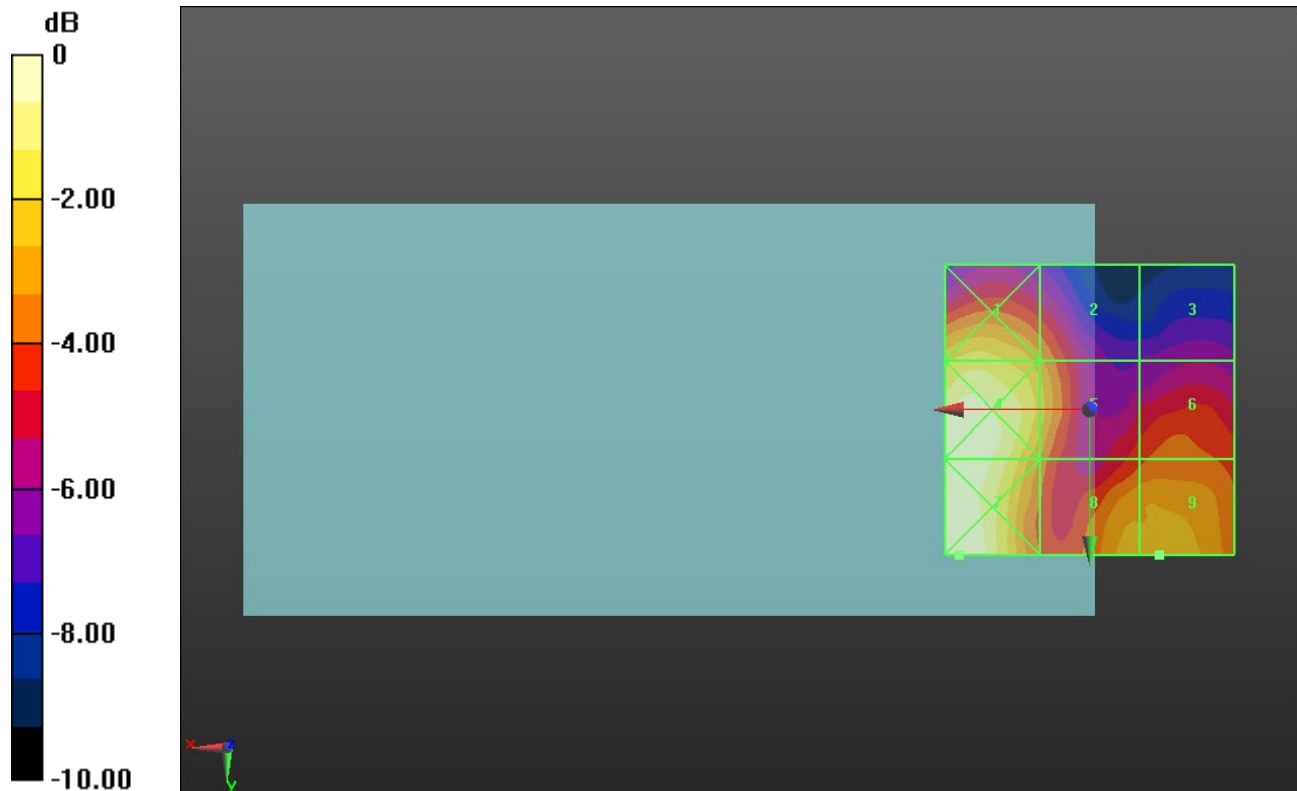
Applied MIF = -1.44 dB

RF audio interference level = 20.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.93 dBV/m	Grid 2 M4 19.42 dBV/m	Grid 3 M4 16.53 dBV/m
Grid 4 M4 22.33 dBV/m	Grid 5 M4 20.19 dBV/m	Grid 6 M4 18.81 dBV/m
Grid 7 M4 22.54 dBV/m	Grid 8 M4 20.21 dBV/m	Grid 9 M4 20.28 dBV/m



0 dB = 13.40 V/m = 22.54 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.47 V/m; Power Drift = -0.00 dB

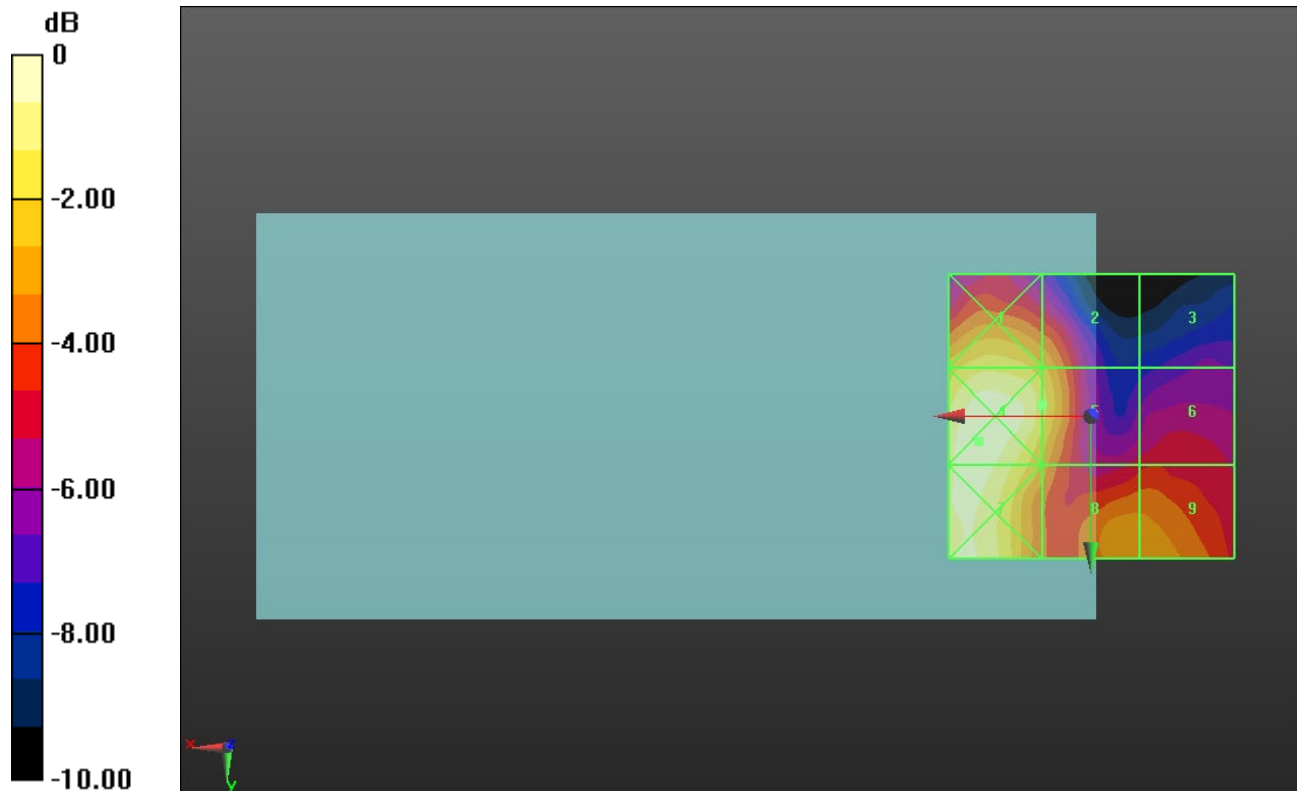
Applied MIF = -1.44 dB

RF audio interference level = 21.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.54 dBV/m	Grid 2 M4 20.48 dBV/m	Grid 3 M4 16.56 dBV/m
Grid 4 M4 23.01 dBV/m	Grid 5 M4 21.31 dBV/m	Grid 6 M4 18.34 dBV/m
Grid 7 M4 22.68 dBV/m	Grid 8 M4 20.23 dBV/m	Grid 9 M4 20.11 dBV/m



0 dB = 14.14 V/m = 23.01 dBV/m

HAC-RF Emission ANT8

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.54 V/m; Power Drift = -0.04 dB

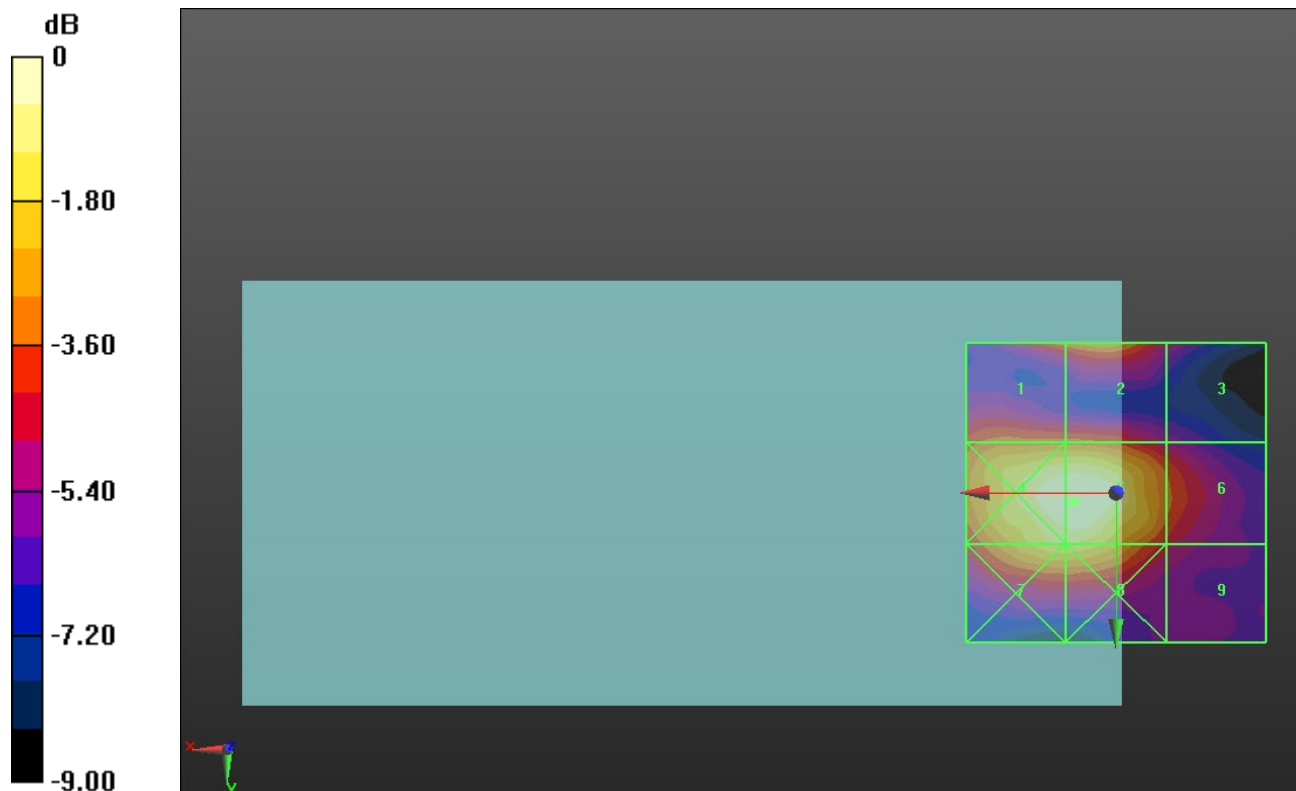
Applied MIF = -1.44 dB

RF audio interference level = 24.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.44 dBV/m	Grid 2 M4 22.11 dBV/m	Grid 3 M4 19.48 dBV/m
Grid 4 M4 24.49 dBV/m	Grid 5 M4 24.52 dBV/m	Grid 6 M4 21.16 dBV/m
Grid 7 M4 23.35 dBV/m	Grid 8 M4 23.34 dBV/m	Grid 9 M4 20.04 dBV/m



0 dB = 16.83 V/m = 24.52 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 = 30.72 V/m; Power Drift = -0.04 dB

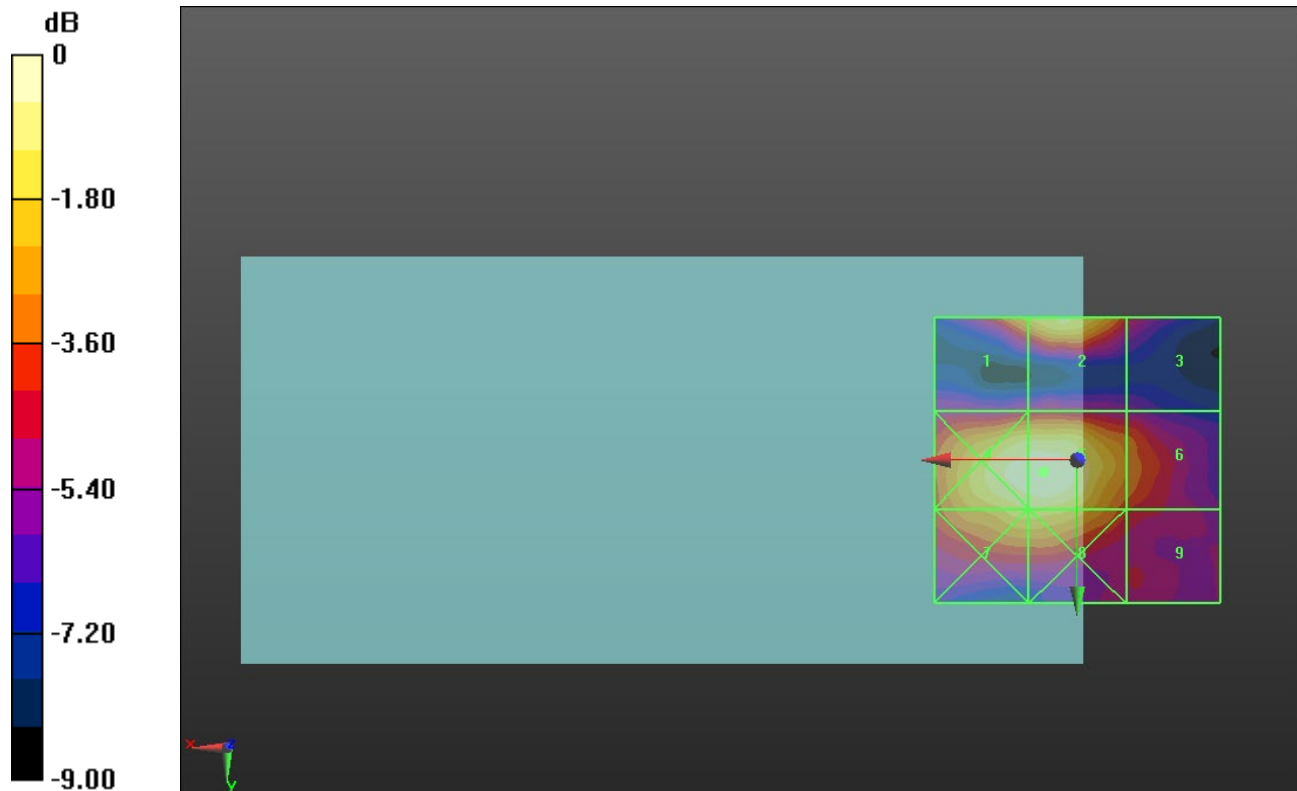
Applied MIF = -1.44 dB

RF audio interference level = 24.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.58 dBV/m	Grid 2 M4 23.34 dBV/m	Grid 3 M4 20.25 dBV/m
Grid 4 M4 24.23 dBV/m	Grid 5 M4 24.37 dBV/m	Grid 6 M4 21.43 dBV/m
Grid 7 M4 23.14 dBV/m	Grid 8 M4 23.14 dBV/m	Grid 9 M4 20.36 dBV/m



0 dB = 16.54 V/m = 24.37 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 = 27.81 V/m; Power Drift = 0.07 dB

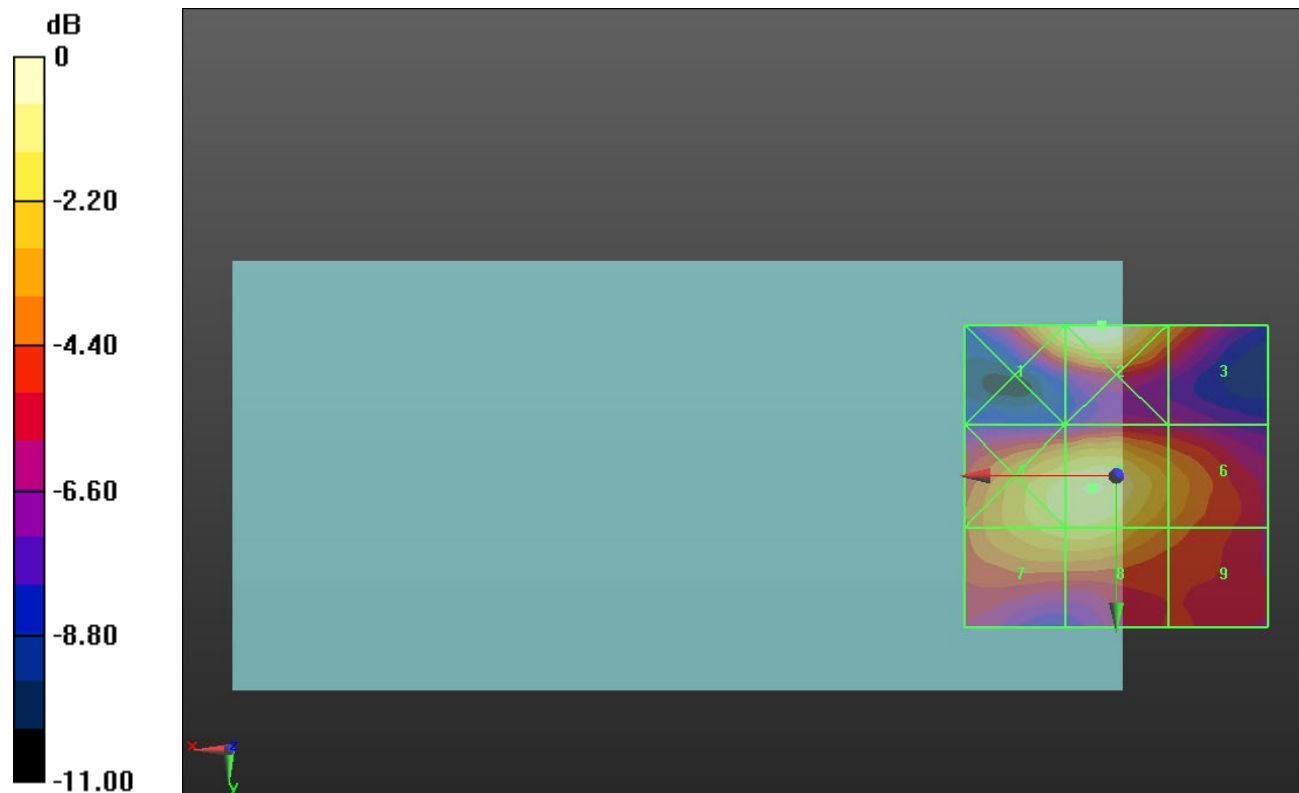
Applied MIF = -1.44 dB

RF audio interference level = 23.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.79 dBV/m	Grid 2 M4 23.8 dBV/m	Grid 3 M4 20.79 dBV/m
Grid 4 M4 22.78 dBV/m	Grid 5 M4 23.12 dBV/m	Grid 6 M4 20.92 dBV/m
Grid 7 M4 22.11 dBV/m	Grid 8 M4 22.24 dBV/m	Grid 9 M4 20.05 dBV/m



0 dB = 15.48 V/m = 23.80 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 = 25.69 V/m; Power Drift = -0.03 dB

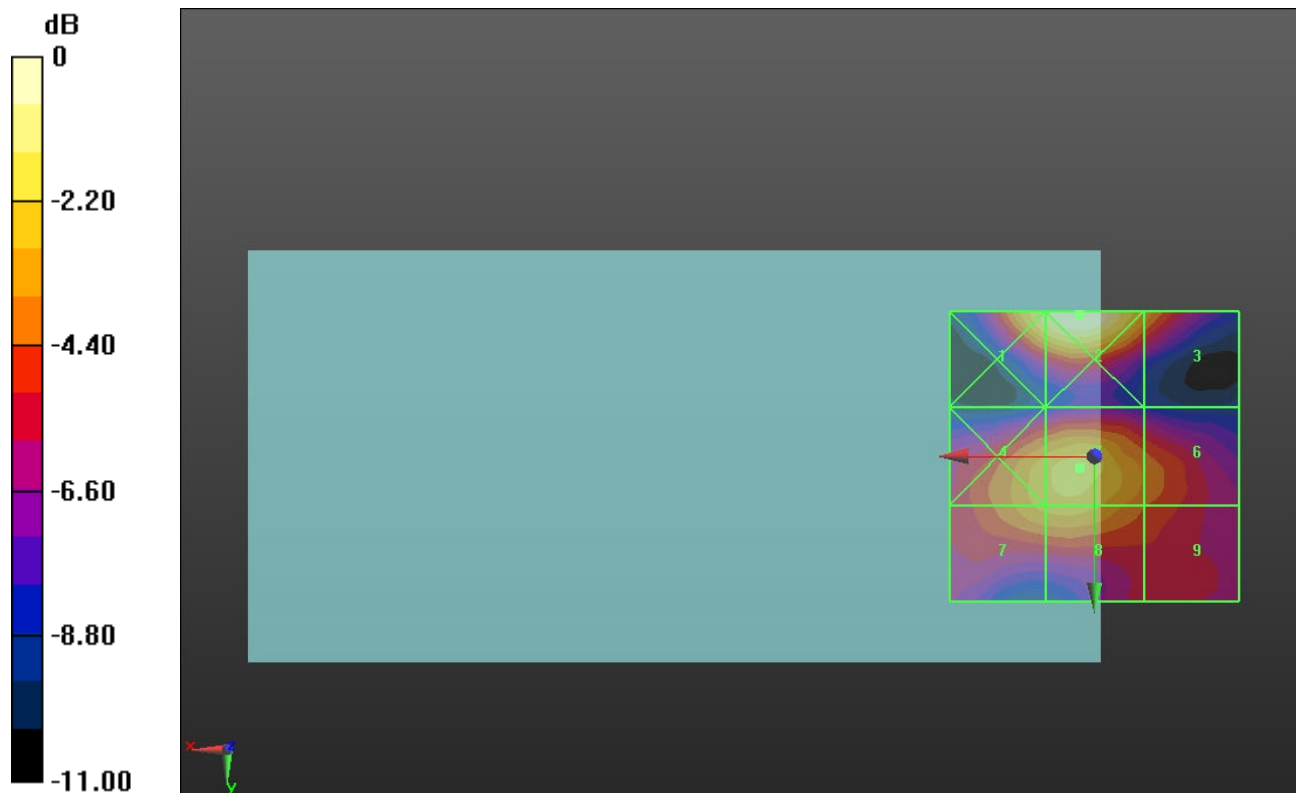
Applied MIF = -1.44 dB

RF audio interference level = 22.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.18 dBV/m	Grid 2 M4 24.16 dBV/m	Grid 3 M4 21.22 dBV/m
Grid 4 M4 21.8 dBV/m	Grid 5 M4 22.37 dBV/m	Grid 6 M4 20.45 dBV/m
Grid 7 M4 21.5 dBV/m	Grid 8 M4 21.7 dBV/m	Grid 9 M4 19.89 dBV/m



0 dB = 16.15 V/m = 24.16 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 = 4.768 V/m; Power Drift = 0.09 dB

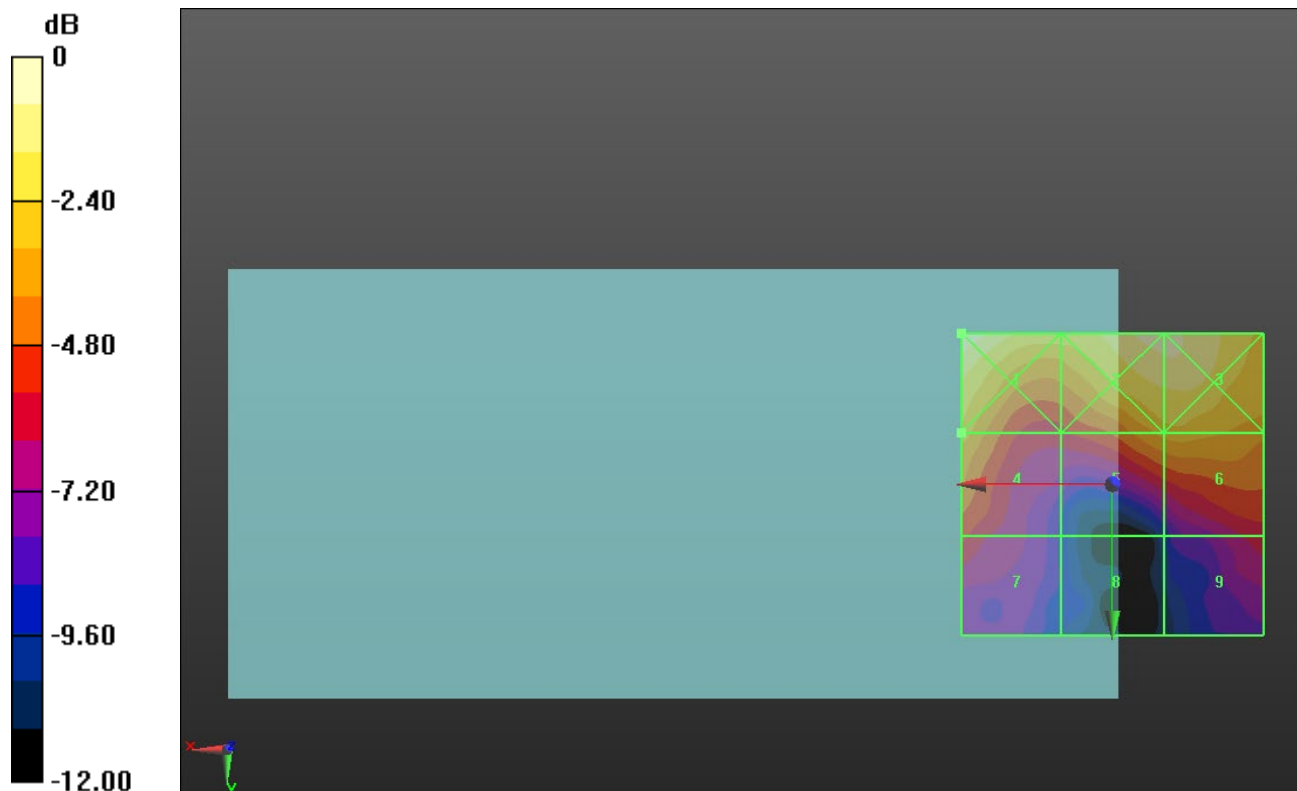
Applied MIF = -1.44 dB

RF audio interference level = 17.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.67 dBV/m	Grid 2 M4 19.11 dBV/m	Grid 3 M4 19.06 dBV/m
Grid 4 M4 17.03 dBV/m	Grid 5 M4 16.76 dBV/m	Grid 6 M4 16.95 dBV/m
Grid 7 M4 14.36 dBV/m	Grid 8 M4 10.82 dBV/m	Grid 9 M4 13.83 dBV/m



0 dB = 9.627 V/m = 19.67 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 = 5.205 V/m; Power Drift = 0.19 dB

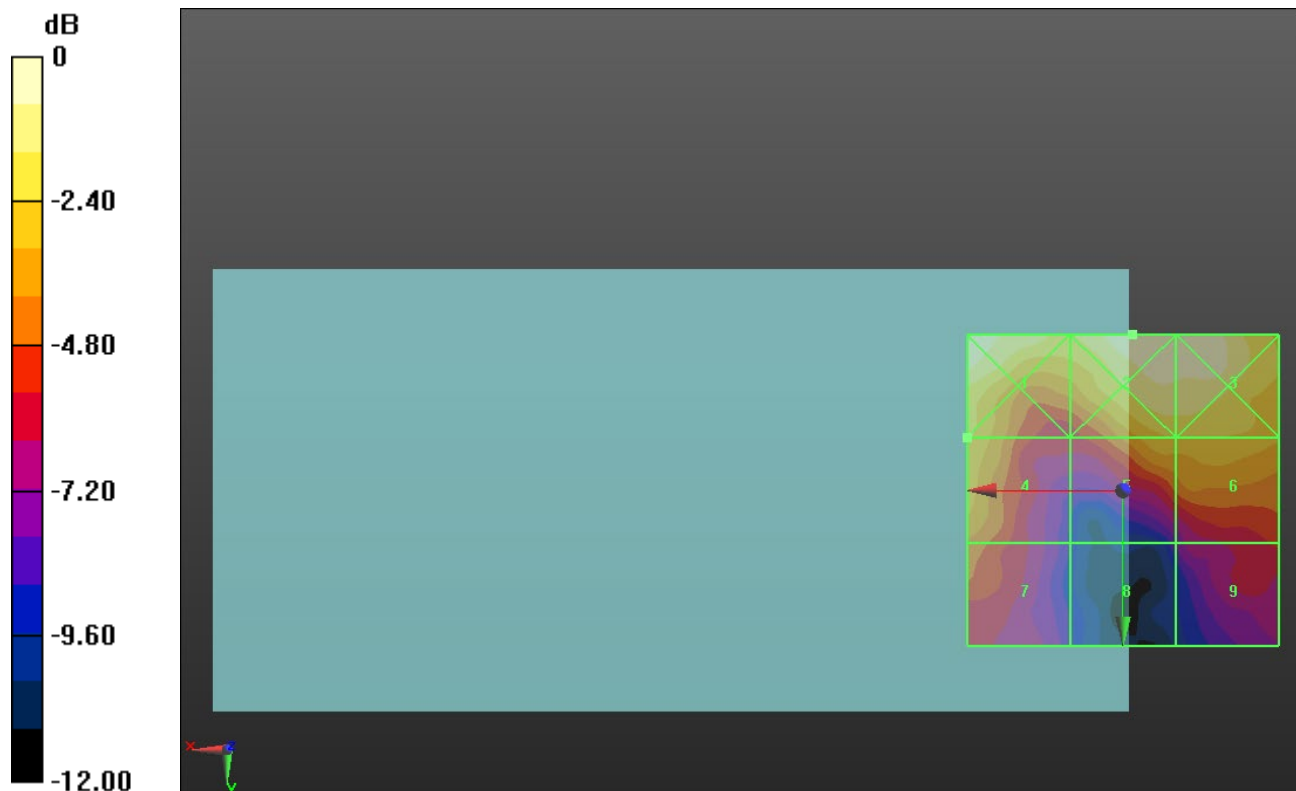
Applied MIF = -1.44 dB

RF audio interference level = 17.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.69 dBV/m	Grid 2 M4 19.94 dBV/m	Grid 3 M4 19.8 dBV/m
Grid 4 M4 17.7 dBV/m	Grid 5 M4 17.55 dBV/m	Grid 6 M4 17.62 dBV/m
Grid 7 M4 15.8 dBV/m	Grid 8 M4 11.94 dBV/m	Grid 9 M4 14.46 dBV/m



0 dB = 9.926 V/m = 19.94 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.392 V/m; Power Drift = 0.07 dB

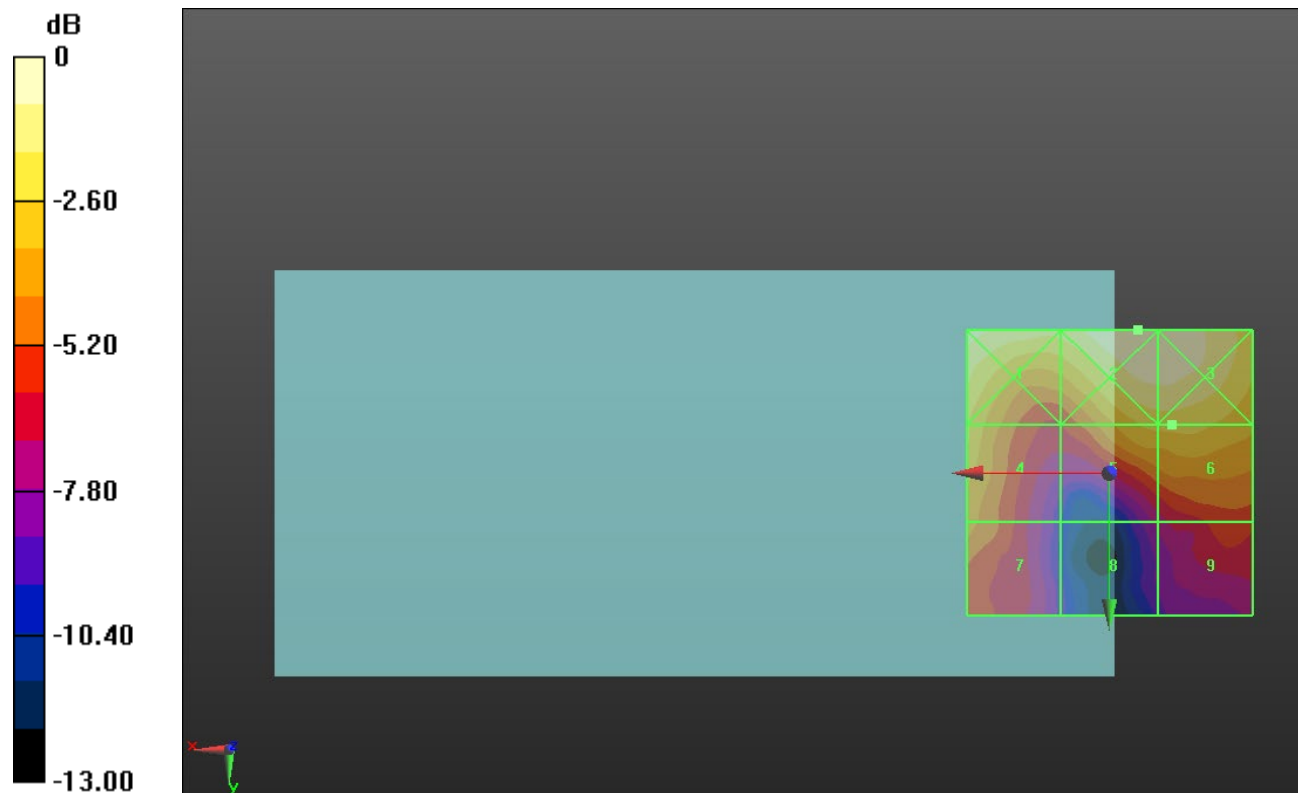
Applied MIF = -1.44 dB

RF audio interference level = 18.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.98 dBV/m	Grid 2 M4 20.3 dBV/m	Grid 3 M4 20.17 dBV/m
Grid 4 M4 17.9 dBV/m	Grid 5 M4 17.97 dBV/m	Grid 6 M4 18.05 dBV/m
Grid 7 M4 16.32 dBV/m	Grid 8 M4 12.92 dBV/m	Grid 9 M4 14.82 dBV/m



0 dB = 10.35 V/m = 20.30 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.856 V/m; Power Drift = -0.01 dB

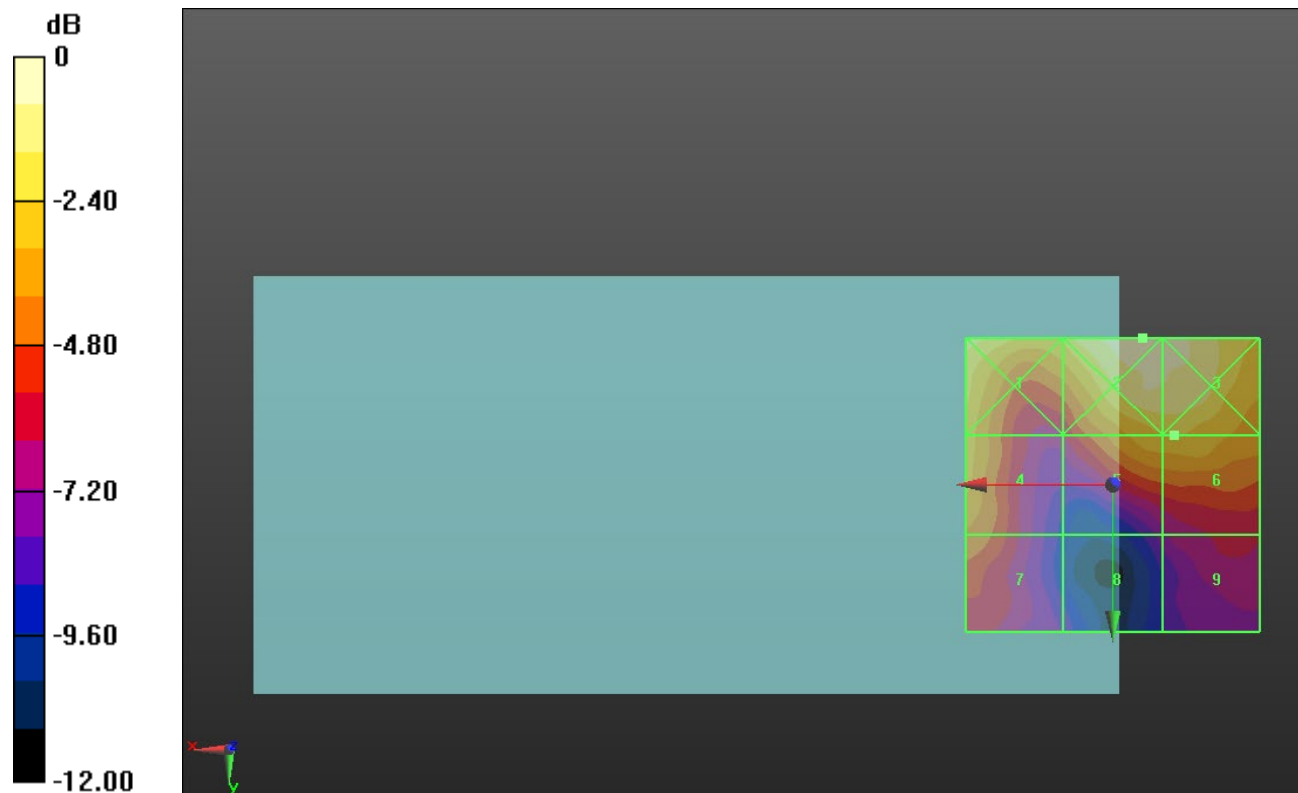
Applied MIF = -1.44 dB

RF audio interference level = 19.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.05 dBV/m	Grid 2 M4 22.07 dBV/m	Grid 3 M4 21.81 dBV/m
Grid 4 M4 19.39 dBV/m	Grid 5 M4 19.66 dBV/m	Grid 6 M4 19.73 dBV/m
Grid 7 M4 18.03 dBV/m	Grid 8 M4 14.63 dBV/m	Grid 9 M4 16.24 dBV/m



0 dB = 12.69 V/m = 22.07 dBV/m