

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 = 24.11 V/m; Power Drift = -0.06 dB

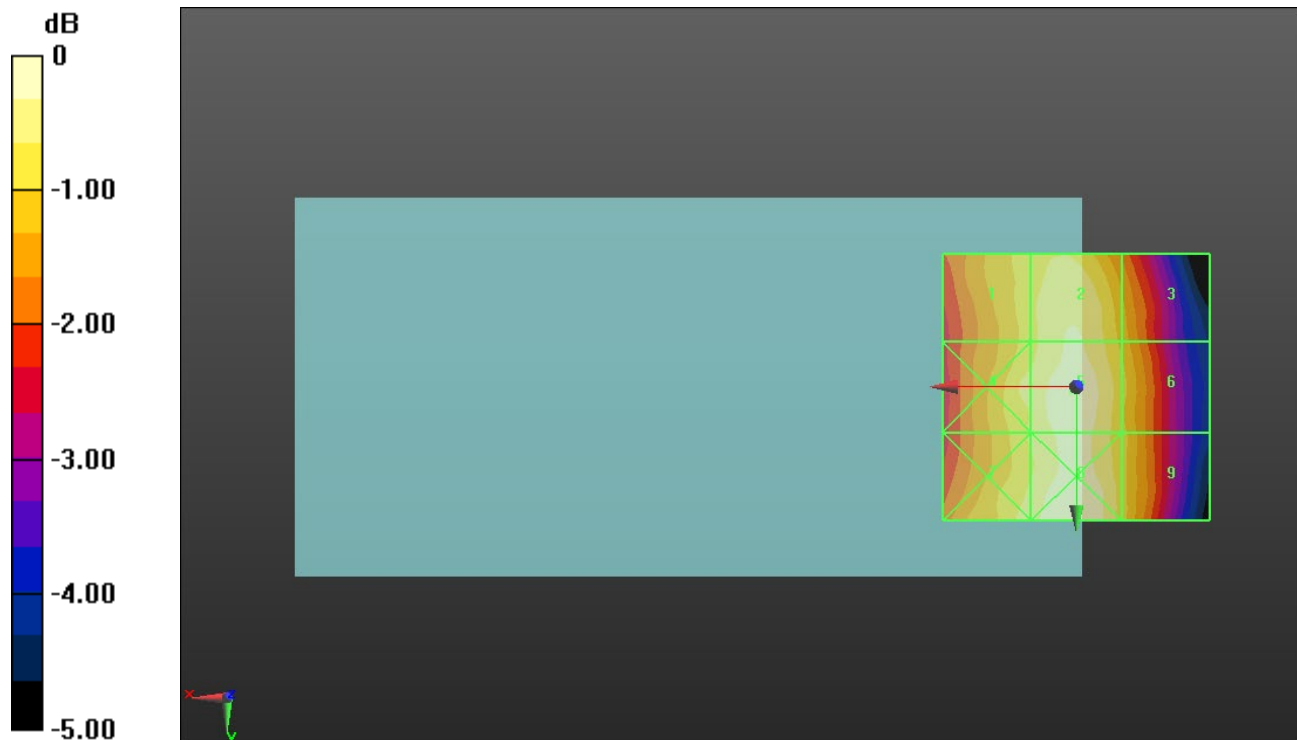
Applied MIF = 3.63 dB

RF audio interference level = 28.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.89 dBV/m	Grid 2 M4 28.36 dBV/m	Grid 3 M4 27.55 dBV/m
Grid 4 M4 28.16 dBV/m	Grid 5 M4 28.65 dBV/m	Grid 6 M4 27.79 dBV/m
Grid 7 M4 28.21 dBV/m	Grid 8 M4 28.59 dBV/m	Grid 9 M4 27.83 dBV/m



0 dB = 27.07 V/m = 28.65 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 190/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.65 V/m; Power Drift = 0.02 dB

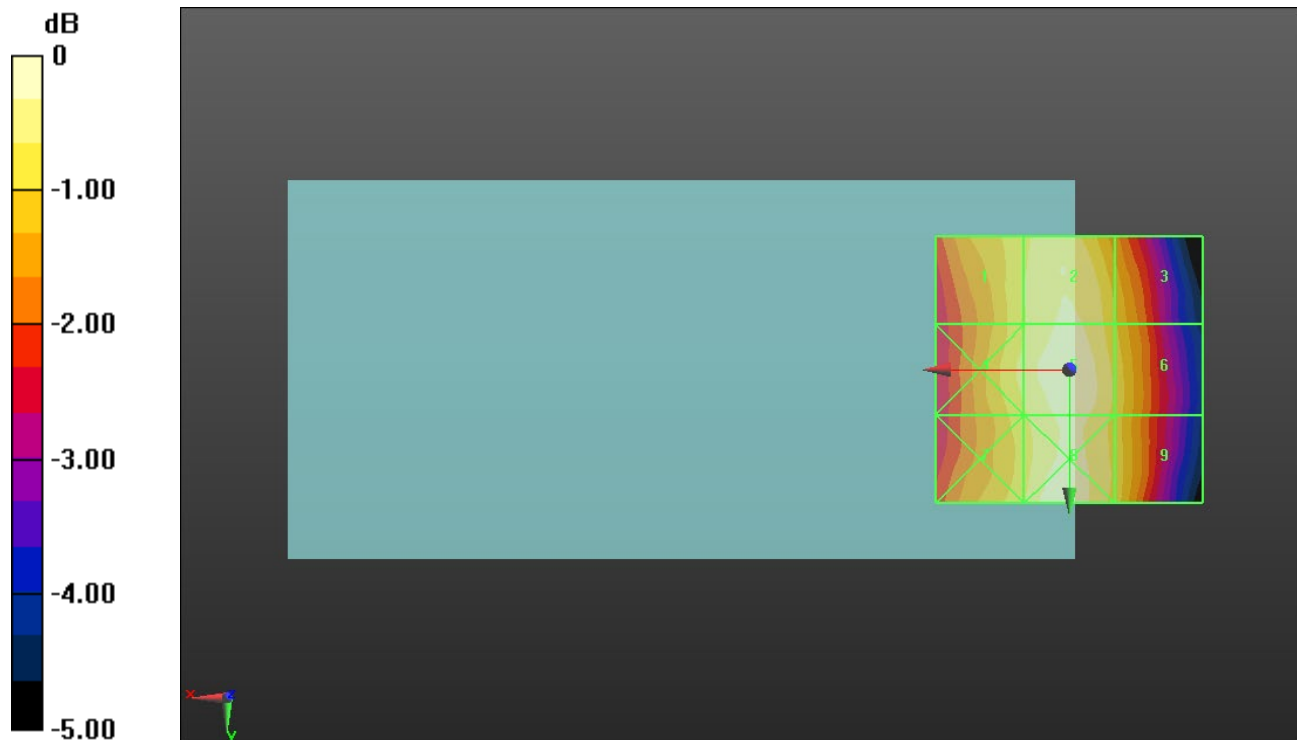
Applied MIF = 3.63 dB

RF audio interference level = 28.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.34 dBV/m	Grid 2 M4 28.71 dBV/m	Grid 3 M4 28.04 dBV/m
Grid 4 M4 28.46 dBV/m	Grid 5 M4 28.98 dBV/m	Grid 6 M4 28.26 dBV/m
Grid 7 M4 28.3 dBV/m	Grid 8 M4 28.8 dBV/m	Grid 9 M4 28.25 dBV/m



0 dB = 28.13 V/m = 28.98 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 = 23.58 V/m; Power Drift = -0.03 dB

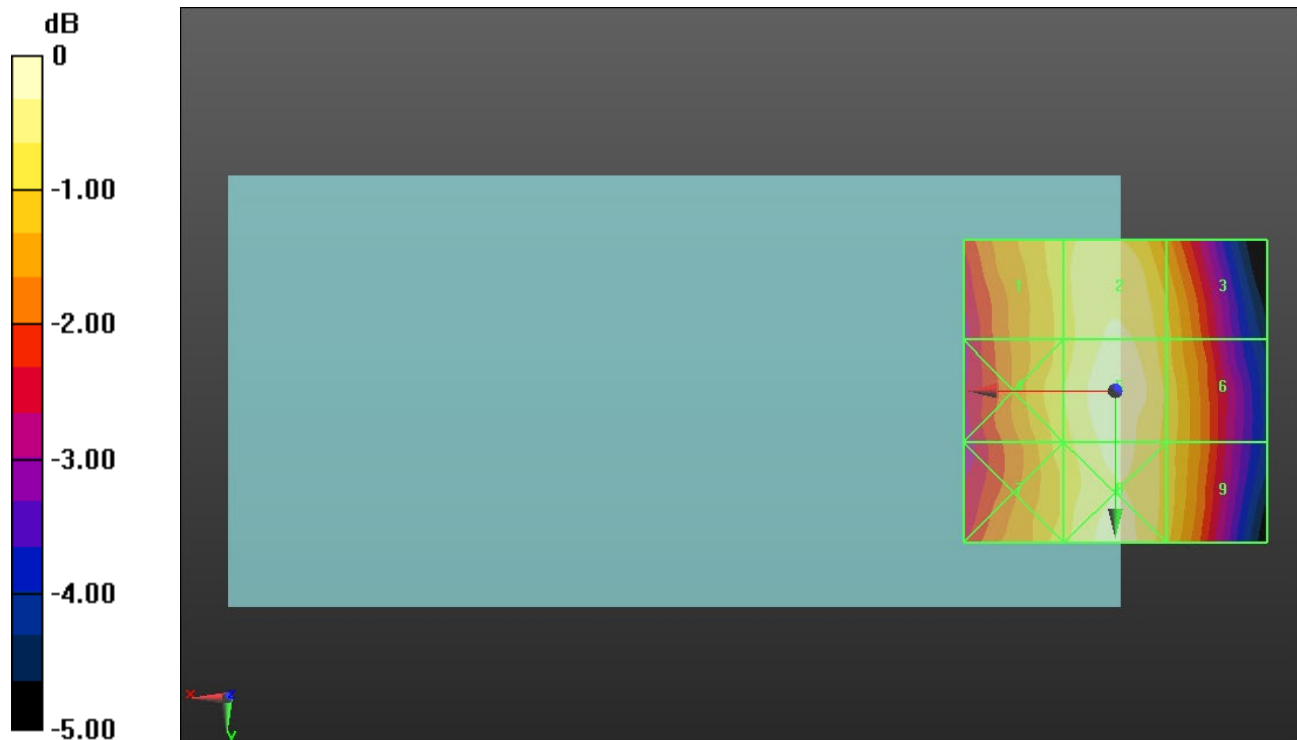
Applied MIF = 3.63 dB

RF audio interference level = 28.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.72 dBV/m	Grid 2 M4 28.21 dBV/m	Grid 3 M4 27.6 dBV/m
Grid 4 M4 27.82 dBV/m	Grid 5 M4 28.48 dBV/m	Grid 6 M4 27.76 dBV/m
Grid 7 M4 27.72 dBV/m	Grid 8 M4 28.27 dBV/m	Grid 9 M4 27.7 dBV/m



0 dB = 26.56 V/m = 28.48 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 = 16.01 V/m; Power Drift = -0.00 dB

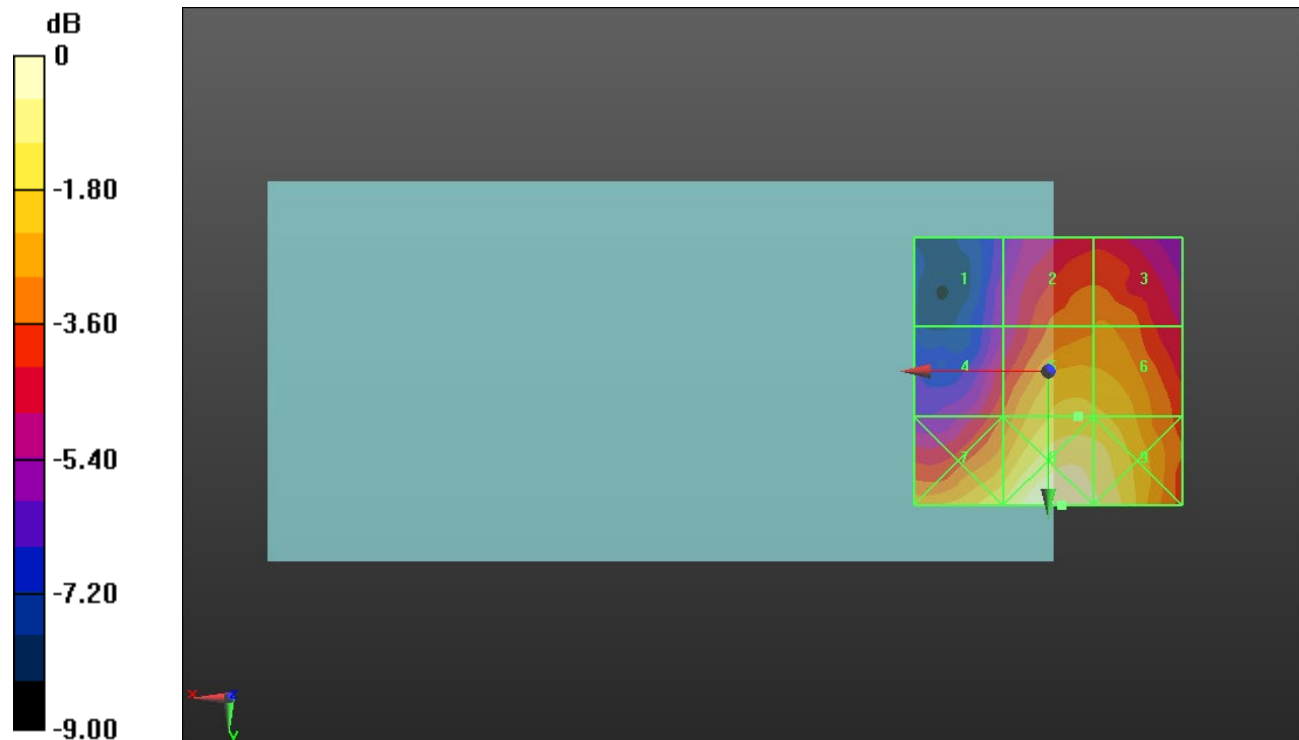
Applied MIF = 3.63 dB

RF audio interference level = 26.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.7 dBV/m	Grid 2 M4 25.08 dBV/m	Grid 3 M4 25.14 dBV/m
Grid 4 M4 24.57 dBV/m	Grid 5 M4 26.56 dBV/m	Grid 6 M4 26.46 dBV/m
Grid 7 M4 26.99 dBV/m	Grid 8 M4 28.08 dBV/m	Grid 9 M4 27.65 dBV/m



0 dB = 25.36 V/m = 28.08 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.65 V/m; Power Drift = -0.12 dB

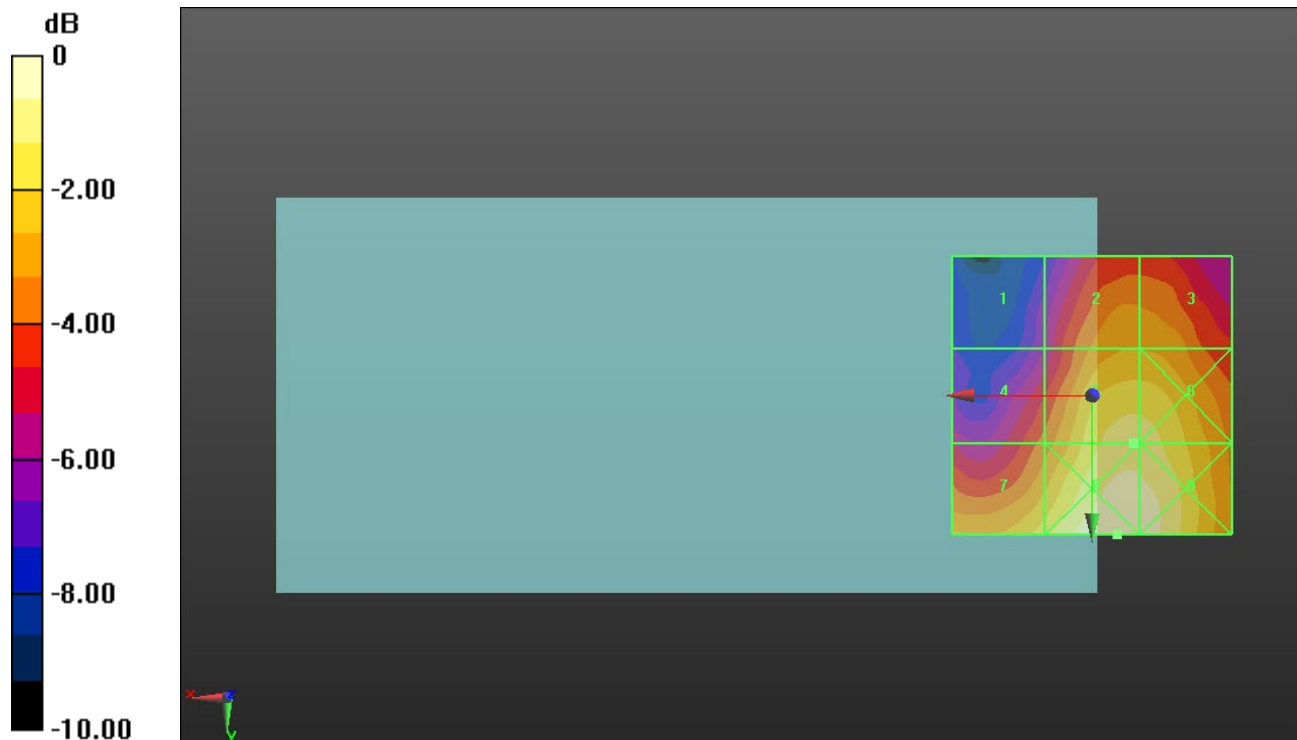
Applied MIF = 3.63 dB

RF audio interference level = 27.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.37 dBV/m	Grid 2 M4 25.63 dBV/m	Grid 3 M4 25.59 dBV/m
Grid 4 M4 24.61 dBV/m	Grid 5 M4 27.32 dBV/m	Grid 6 M4 27.31 dBV/m
Grid 7 M4 26.7 dBV/m	Grid 8 M4 28.28 dBV/m	Grid 9 M4 28.07 dBV/m



0 dB = 25.95 V/m = 28.28 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.28 V/m; Power Drift = -0.04 dB

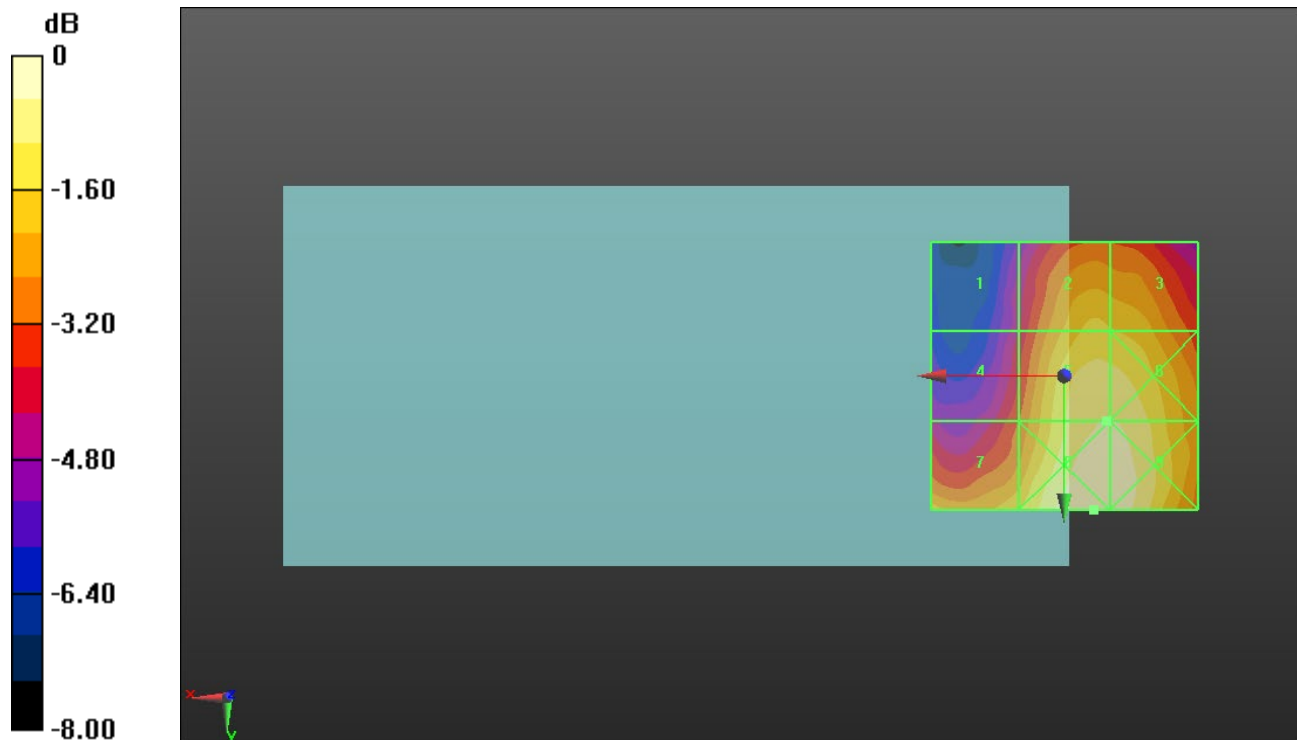
Applied MIF = 3.63 dB

RF audio interference level = 27.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.72 dBV/m	Grid 2 M4 26.59 dBV/m	Grid 3 M4 26.47 dBV/m
Grid 4 M4 24.84 dBV/m	Grid 5 M4 27.5 dBV/m	Grid 6 M4 27.5 dBV/m
Grid 7 M4 26.42 dBV/m	Grid 8 M4 28 dBV/m	Grid 9 M4 27.89 dBV/m



0 dB = 25.13 V/m = 28.00 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 = 10.53 V/m; Power Drift = -0.01 dB

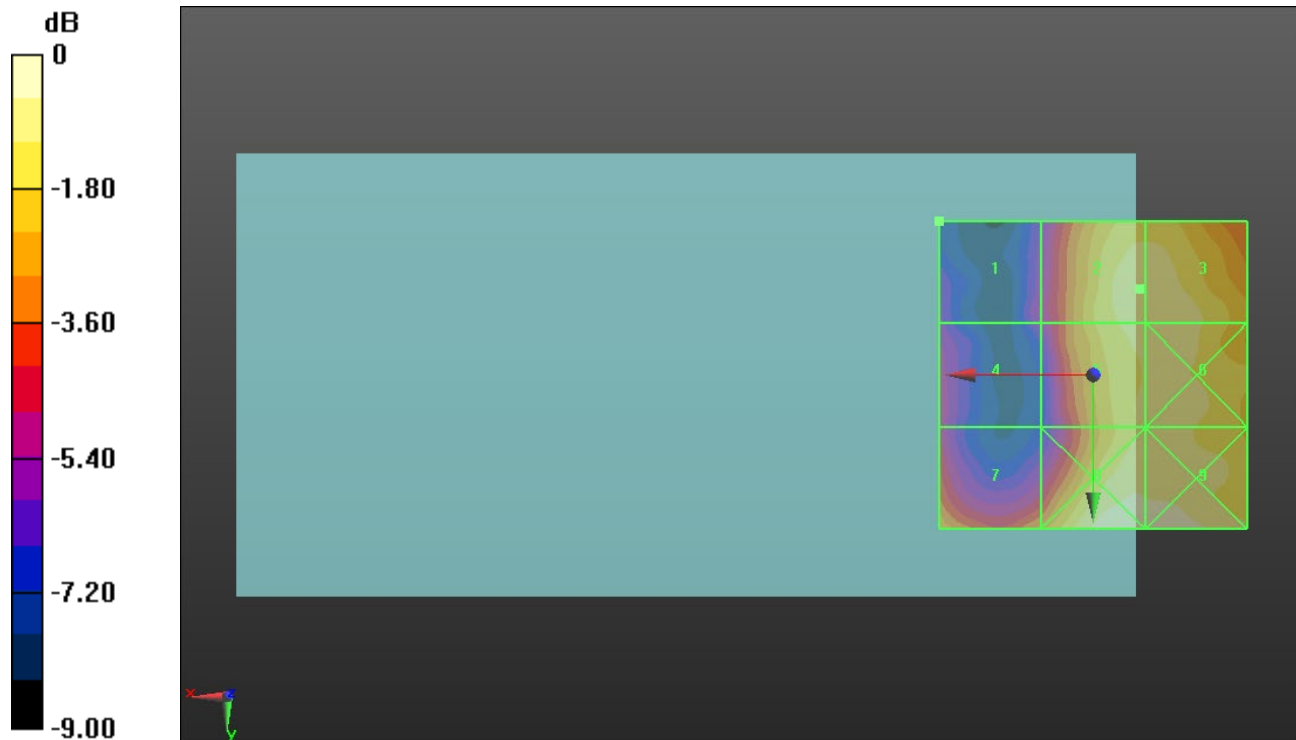
Applied MIF = -1.44 dB

RF audio interference level = 19.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.47 dBV/m	Grid 2 M4 19.02 dBV/m	Grid 3 M4 19.01 dBV/m
Grid 4 M4 15.05 dBV/m	Grid 5 M4 18.84 dBV/m	Grid 6 M4 18.89 dBV/m
Grid 7 M4 17.45 dBV/m	Grid 8 M4 19.71 dBV/m	Grid 9 M4 19.67 dBV/m



0 dB = 9.675 V/m = 19.71 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.35 V/m; Power Drift = -0.01 dB

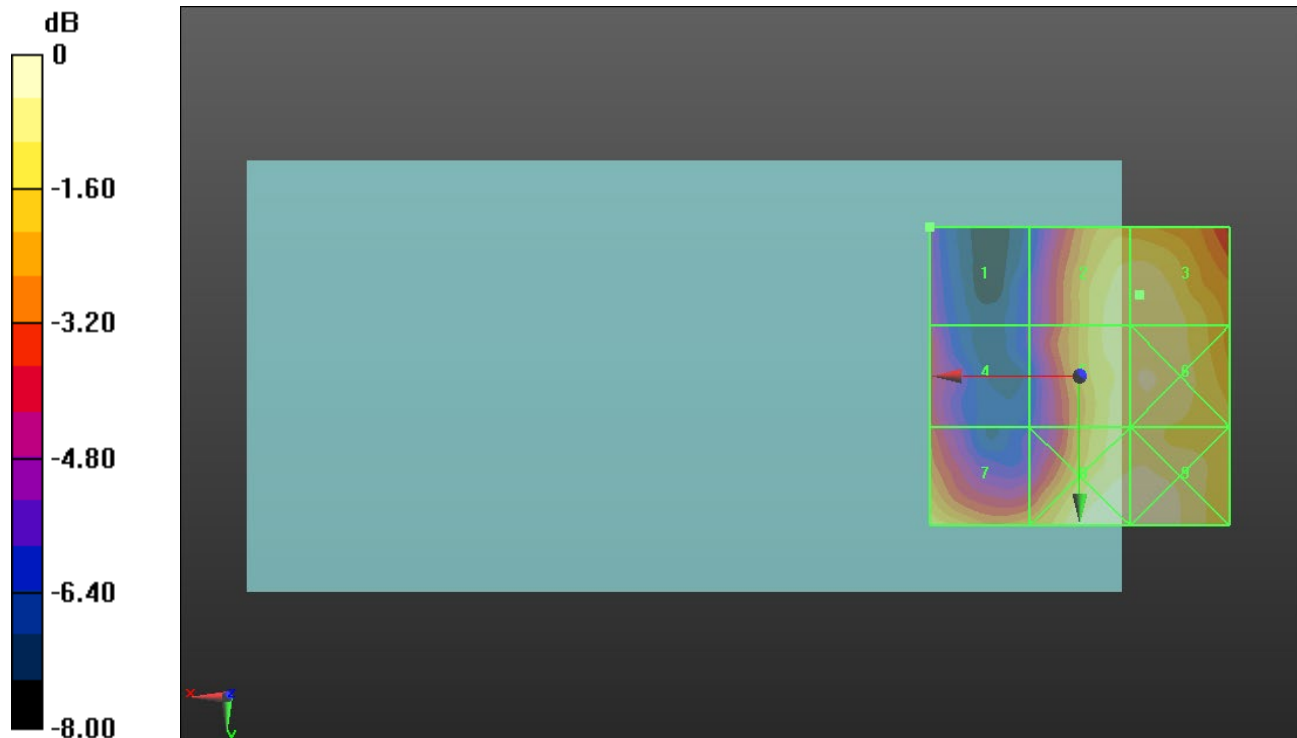
Applied MIF = -1.44 dB

RF audio interference level = 18.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.77 dBV/m	Grid 2 M4 18.57 dBV/m	Grid 3 M4 18.62 dBV/m
Grid 4 M4 15.73 dBV/m	Grid 5 M4 18.55 dBV/m	Grid 6 M4 18.7 dBV/m
Grid 7 M4 18.15 dBV/m	Grid 8 M4 19.19 dBV/m	Grid 9 M4 19.17 dBV/m



0 dB = 9.110 V/m = 19.19 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.803 V/m; Power Drift = -0.09 dB

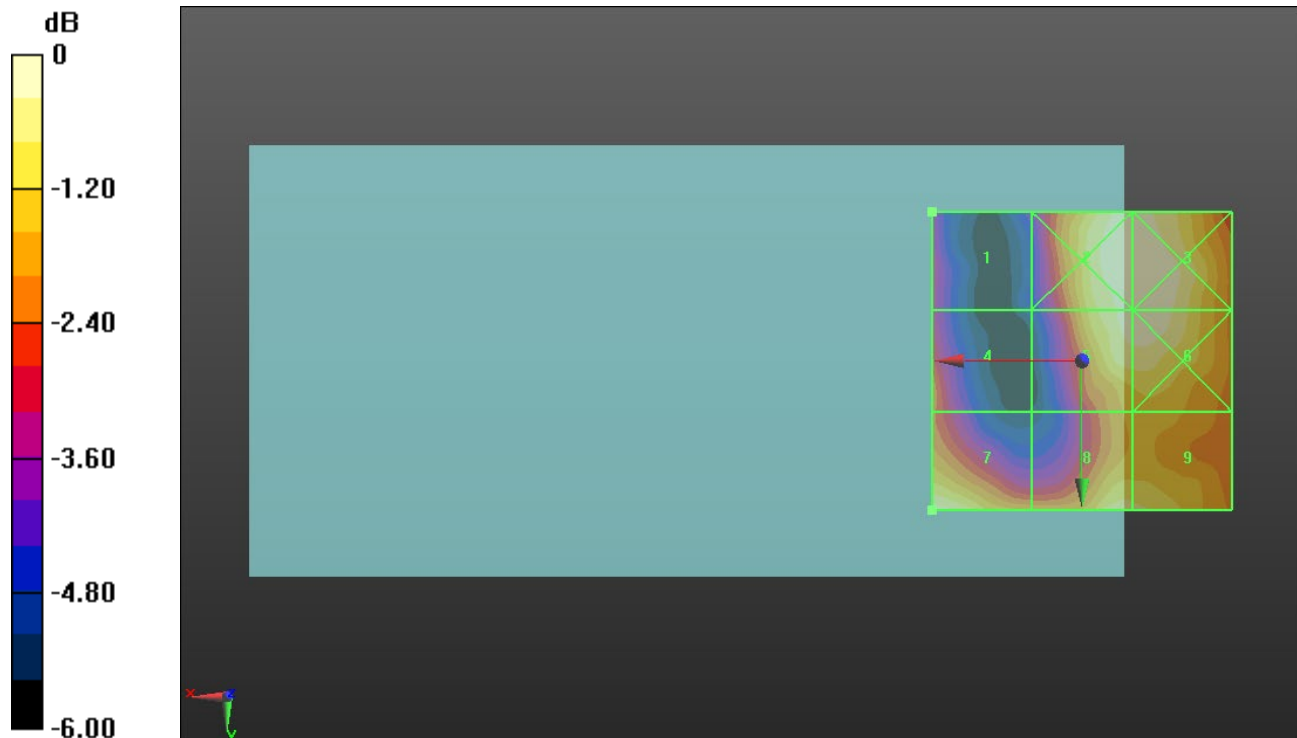
Applied MIF = -1.44 dB

RF audio interference level = 17.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.84 dBV/m	Grid 2 M4 17.99 dBV/m	Grid 3 M4 18 dBV/m
Grid 4 M4 16 dBV/m	Grid 5 M4 17.75 dBV/m	Grid 6 M4 17.81 dBV/m
Grid 7 M4 17.86 dBV/m	Grid 8 M4 17.5 dBV/m	Grid 9 M4 17.36 dBV/m



0 dB = 7.943 V/m = 18.00 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 = 10.02 V/m; Power Drift = -0.18 dB

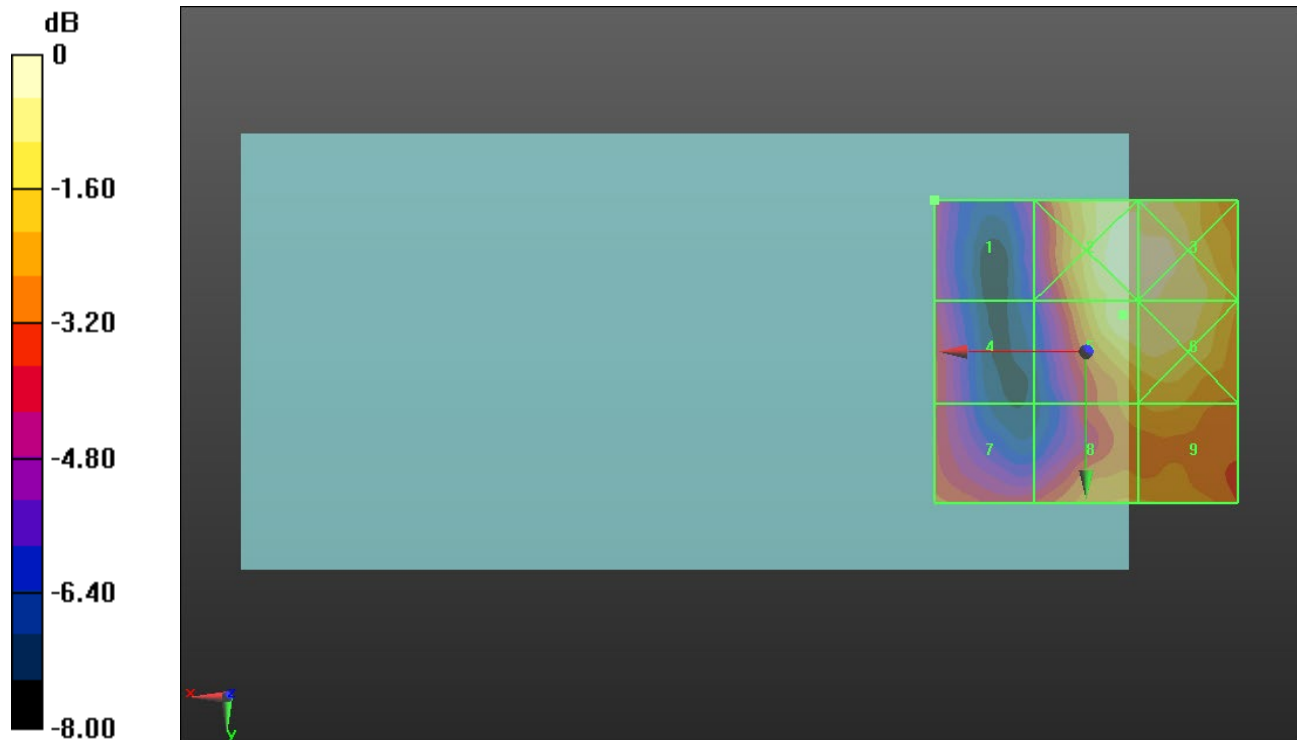
Applied MIF = -1.44 dB

RF audio interference level = 19.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.74 dBV/m	Grid 2 M4 19.64 dBV/m	Grid 3 M4 19.66 dBV/m
Grid 4 M4 16.22 dBV/m	Grid 5 M4 19.14 dBV/m	Grid 6 M4 19.14 dBV/m
Grid 7 M4 16.71 dBV/m	Grid 8 M4 17.64 dBV/m	Grid 9 M4 17.68 dBV/m



0 dB = 9.620 V/m = 19.66 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.195 V/m; Power Drift = 0.05 dB

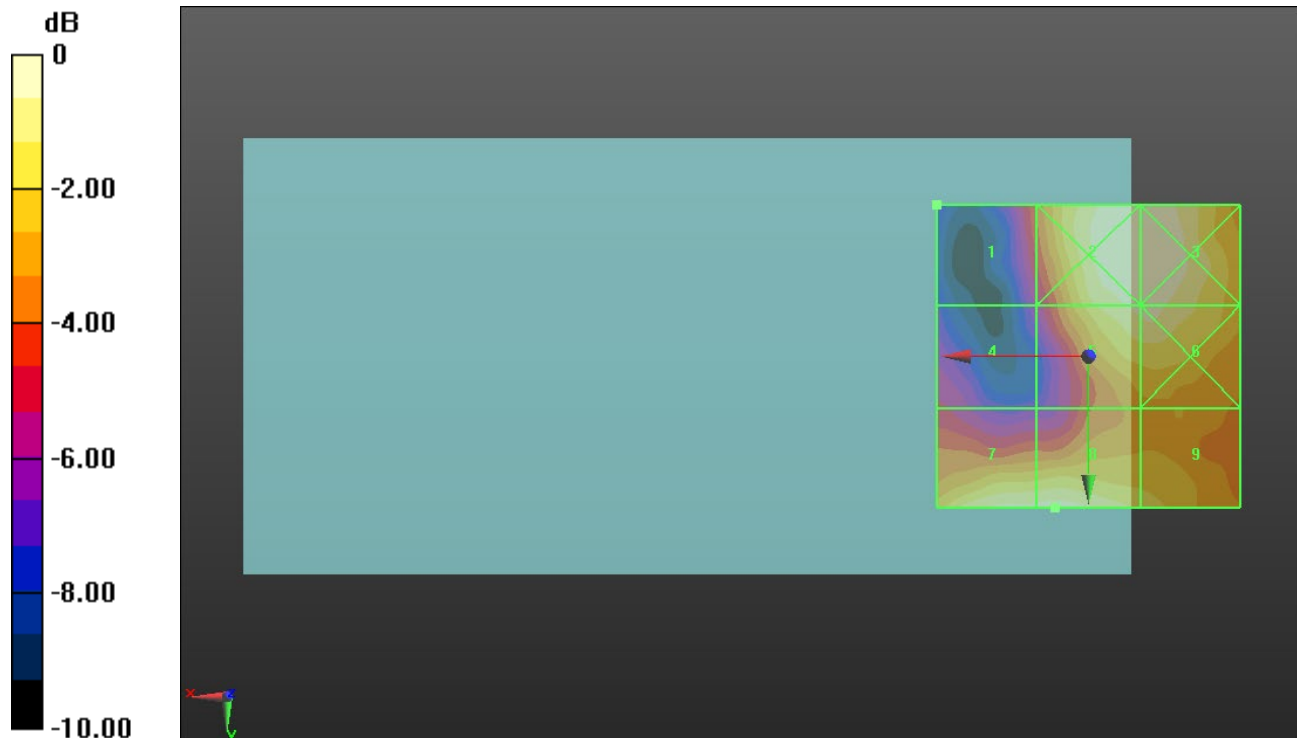
Applied MIF = -1.44 dB

RF audio interference level = 18.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.21 dBV/m	Grid 2 M4 19.07 dBV/m	Grid 3 M4 19.07 dBV/m
Grid 4 M4 13.93 dBV/m	Grid 5 M4 18.61 dBV/m	Grid 6 M4 18.63 dBV/m
Grid 7 M4 18.67 dBV/m	Grid 8 M4 18.79 dBV/m	Grid 9 M4 17.59 dBV/m



0 dB = 8.989 V/m = 19.07 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.19 V/m; Power Drift = -0.02 dB

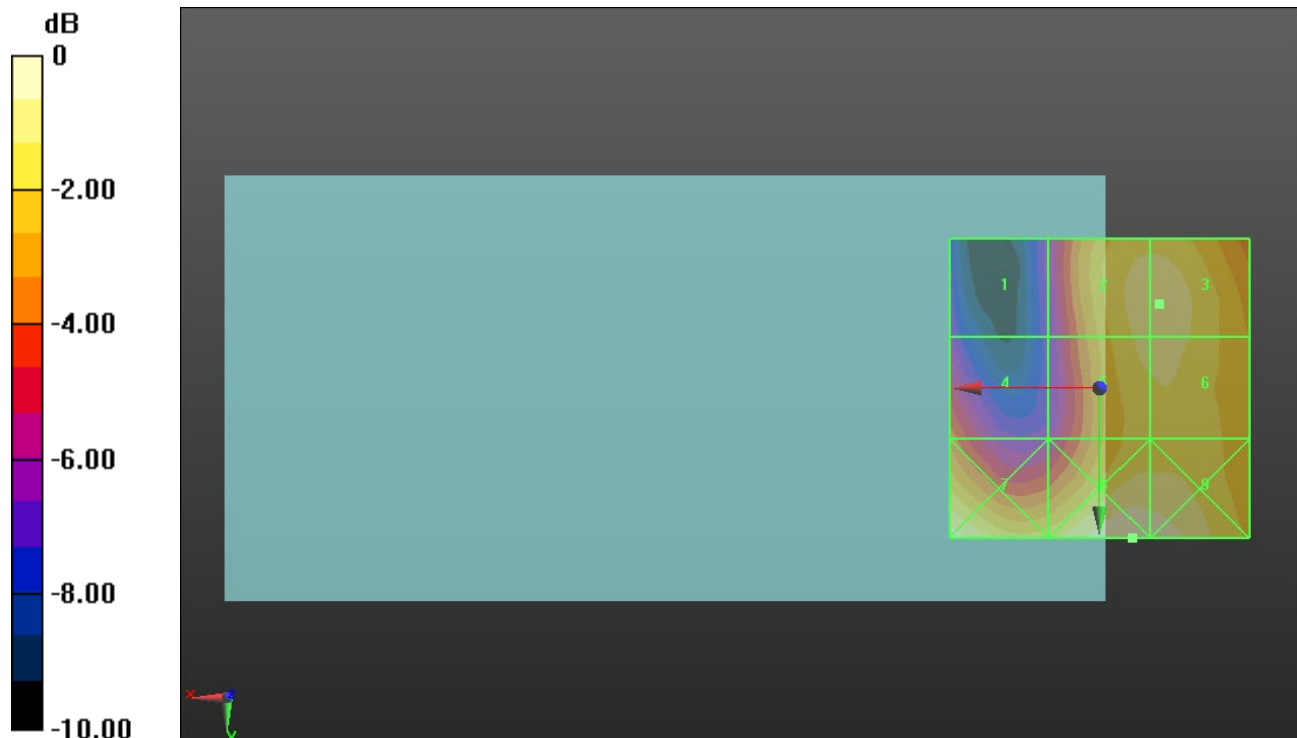
Applied MIF = -1.44 dB

RF audio interference level = 22.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.93 dBV/m	Grid 2 M4 22.13 dBV/m	Grid 3 M4 22.15 dBV/m
Grid 4 M4 19.61 dBV/m	Grid 5 M4 22 dBV/m	Grid 6 M4 22.04 dBV/m
Grid 7 M4 22.96 dBV/m	Grid 8 M4 23.11 dBV/m	Grid 9 M4 22.97 dBV/m



0 dB = 14.31 V/m = 23.11 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 = 15.20 V/m; Power Drift = -0.07 dB

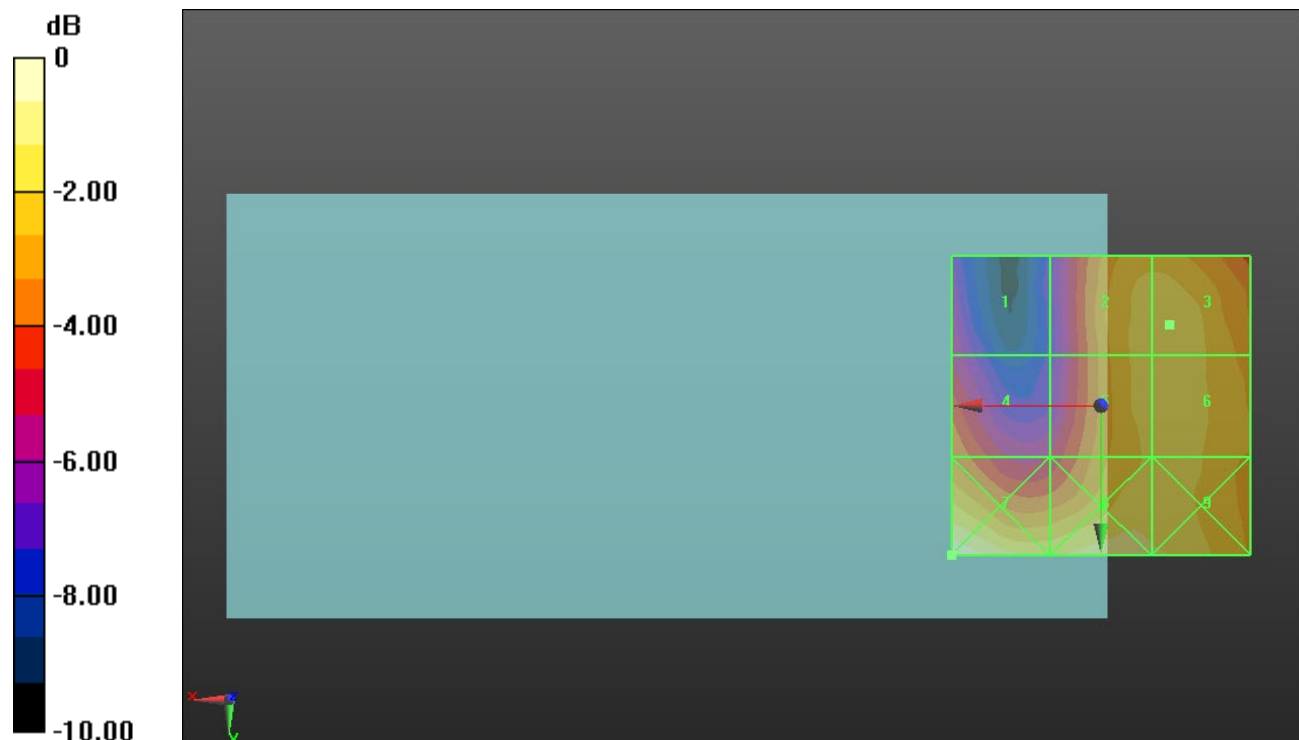
Applied MIF = -1.44 dB

RF audio interference level = 21.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.29 dBV/m	Grid 2 M4 21.91 dBV/m	Grid 3 M4 21.98 dBV/m
Grid 4 M4 20.29 dBV/m	Grid 5 M4 21.88 dBV/m	Grid 6 M4 21.97 dBV/m
Grid 7 M4 23.55 dBV/m	Grid 8 M4 22.67 dBV/m	Grid 9 M4 22.4 dBV/m



0 dB = 15.05 V/m = 23.55 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 = 13.61 V/m; Power Drift = -0.05 dB

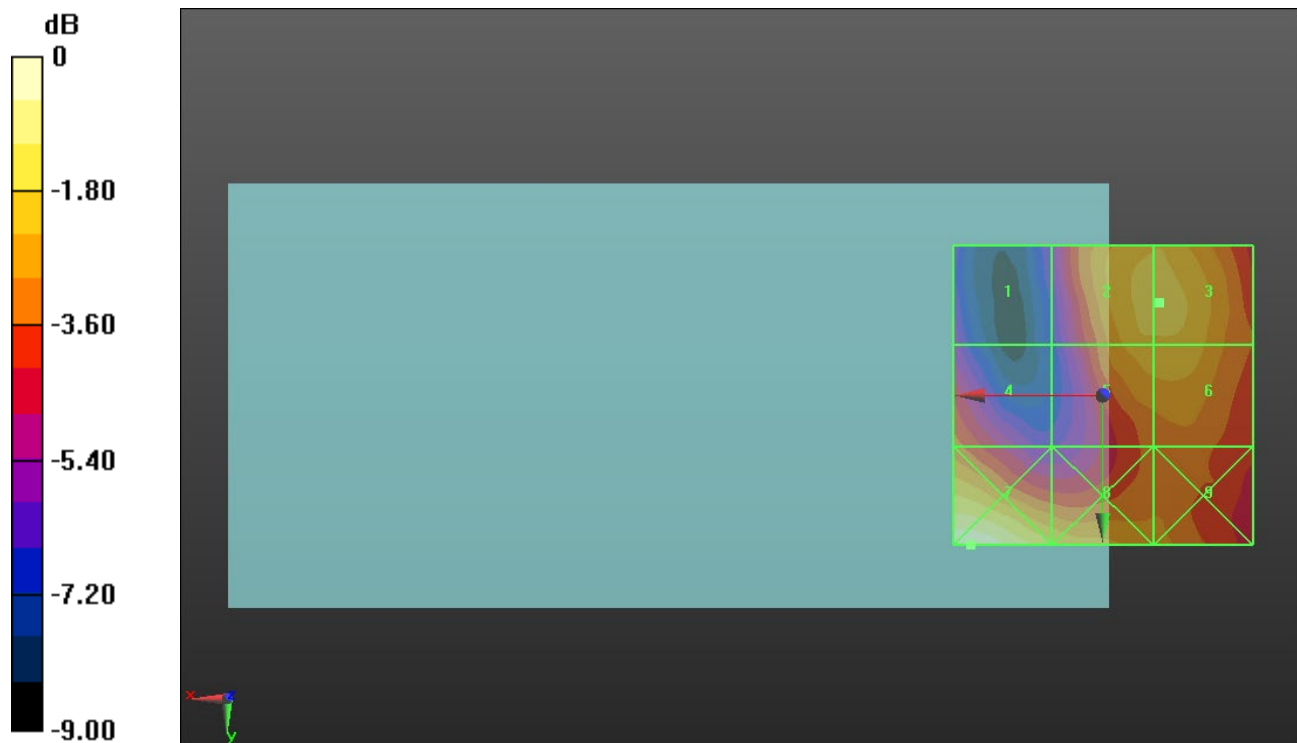
Applied MIF = -1.44 dB

RF audio interference level = 22.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.43 dBV/m	Grid 2 M4 22.27 dBV/m	Grid 3 M4 22.28 dBV/m
Grid 4 M4 20.55 dBV/m	Grid 5 M4 21.93 dBV/m	Grid 6 M4 21.96 dBV/m
Grid 7 M4 23.83 dBV/m	Grid 8 M4 22.26 dBV/m	Grid 9 M4 21.15 dBV/m



0 dB = 15.54 V/m = 23.83 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.23 V/m; Power Drift = -0.09 dB

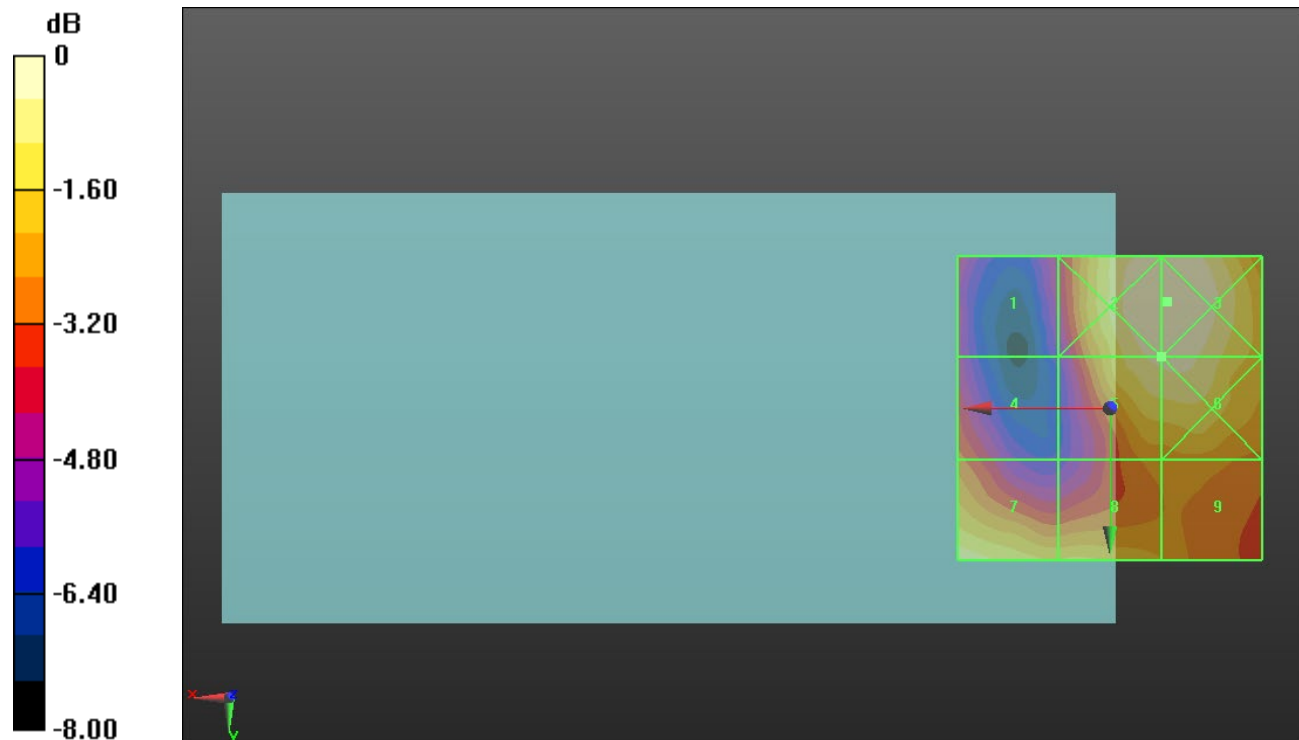
Applied MIF = -1.44 dB

RF audio interference level = 22.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.19 dBV/m	Grid 2 M4 22.99 dBV/m	Grid 3 M4 22.99 dBV/m
Grid 4 M4 20.05 dBV/m	Grid 5 M4 22.59 dBV/m	Grid 6 M4 22.63 dBV/m
Grid 7 M4 22.39 dBV/m	Grid 8 M4 21.55 dBV/m	Grid 9 M4 20.91 dBV/m



0 dB = 14.11 V/m = 22.99 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 = 13.39 V/m; Power Drift = -0.18 dB

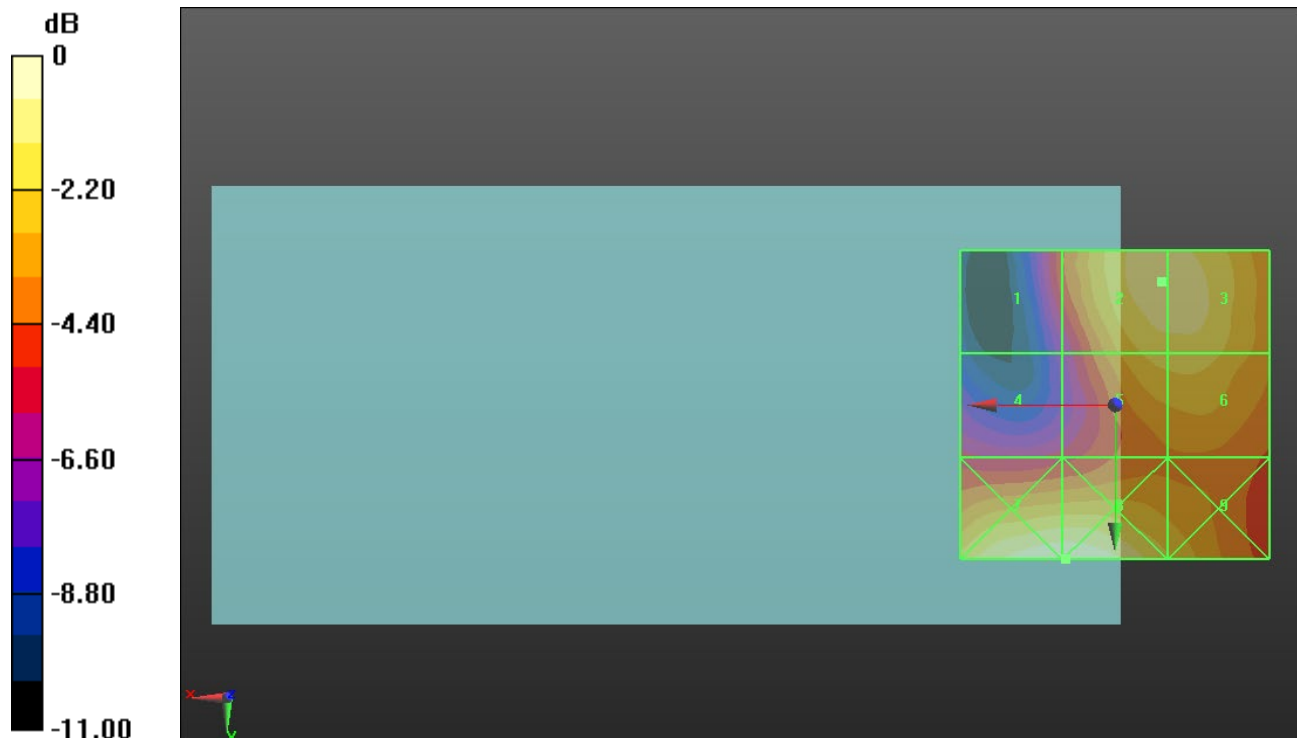
Applied MIF = -1.44 dB

RF audio interference level = 22.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.38 dBV/m	Grid 2 M4 22.88 dBV/m	Grid 3 M4 22.88 dBV/m
Grid 4 M4 18.46 dBV/m	Grid 5 M4 22.04 dBV/m	Grid 6 M4 22.1 dBV/m
Grid 7 M4 23.87 dBV/m	Grid 8 M4 23.88 dBV/m	Grid 9 M4 21.83 dBV/m



0 dB = 15.62 V/m = 23.87 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 8/13/2021

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.357 V/m; Power Drift = 0.01 dB

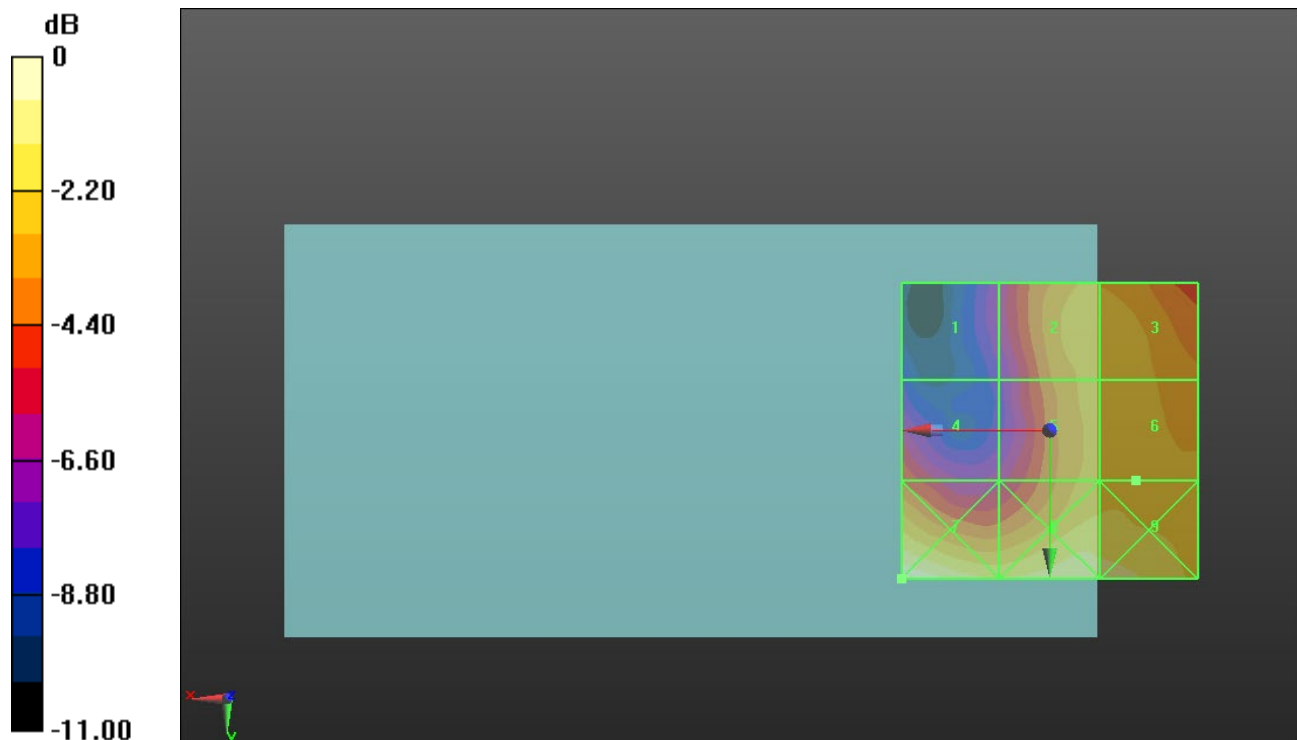
Applied MIF = -1.44 dB

RF audio interference level = 17.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.63 dBV/m	Grid 2 M4 17.5 dBV/m	Grid 3 M4 17.49 dBV/m
Grid 4 M4 15.67 dBV/m	Grid 5 M4 17.41 dBV/m	Grid 6 M4 17.66 dBV/m
Grid 7 M4 19.97 dBV/m	Grid 8 M4 18.95 dBV/m	Grid 9 M4 18.86 dBV/m



0 dB = 9.970 V/m = 19.97 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 = 118.7 V/m; Power Drift = -0.06 dB

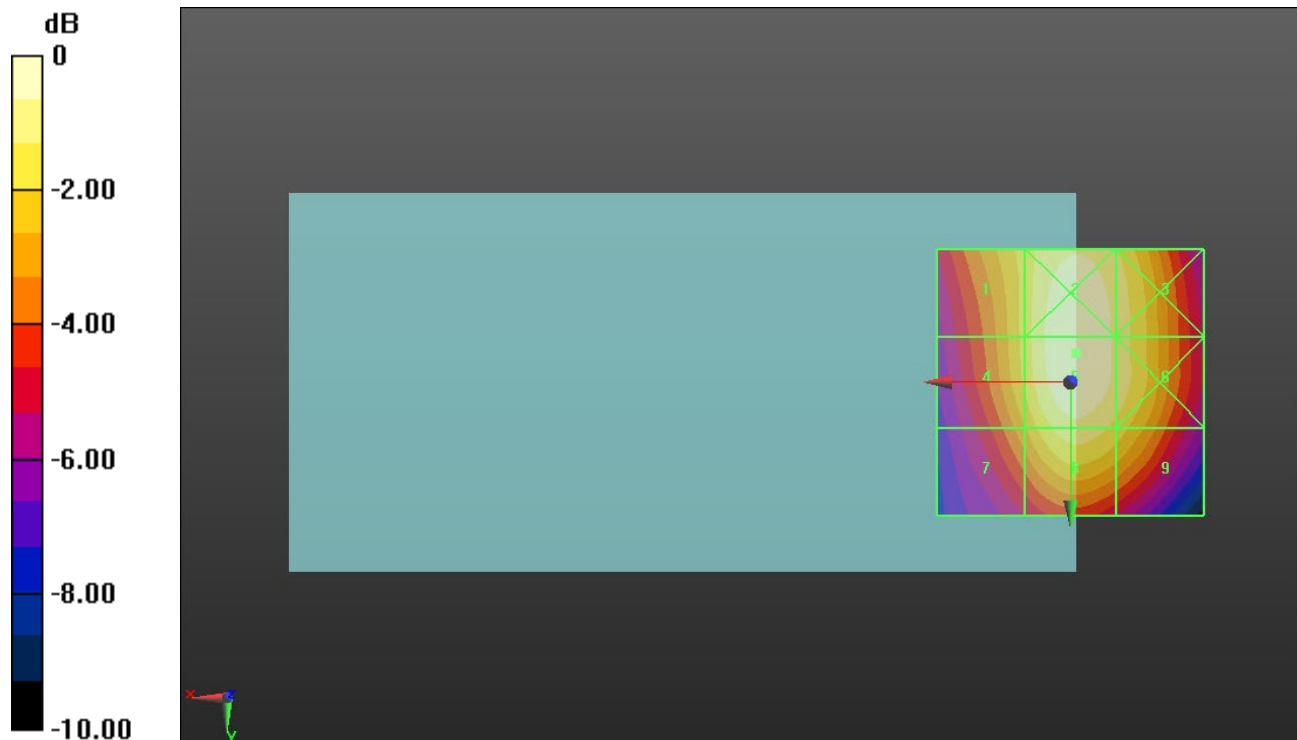
Applied MIF = 3.63 dB

RF audio interference level = 40.03 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.36 dBV/m	Grid 2 M3 40.02 dBV/m	Grid 3 M4 39.21 dBV/m
Grid 4 M4 38.35 dBV/m	Grid 5 M3 40.03 dBV/m	Grid 6 M4 39.22 dBV/m
Grid 7 M4 37.34 dBV/m	Grid 8 M4 39.17 dBV/m	Grid 9 M4 38.47 dBV/m



0 dB = 100.3 V/m = 40.03 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 = 125.0 V/m; Power Drift = -0.02 dB

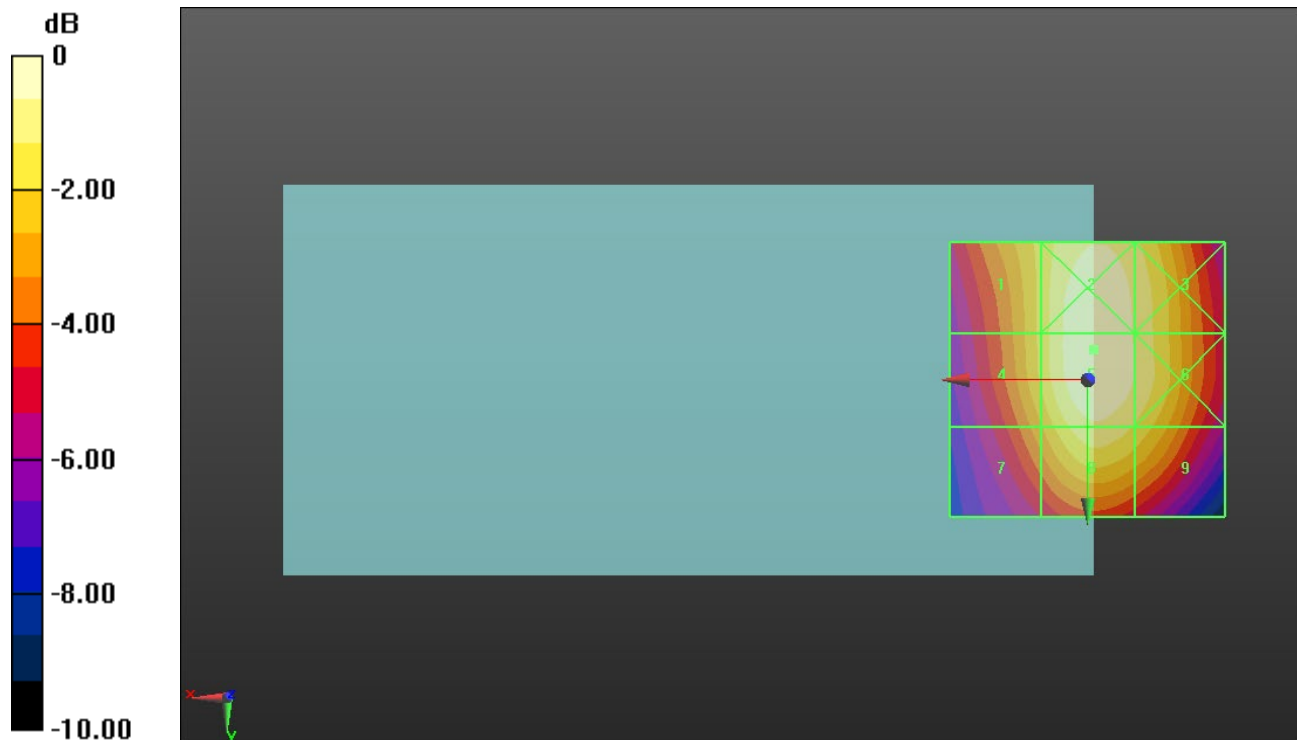
Applied MIF = 3.63 dB

RF audio interference level = 40.53 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.79 dBV/m	Grid 2 M3 40.51 dBV/m	Grid 3 M4 39.81 dBV/m
Grid 4 M4 38.77 dBV/m	Grid 5 M3 40.53 dBV/m	Grid 6 M4 39.86 dBV/m
Grid 7 M4 37.81 dBV/m	Grid 8 M4 39.76 dBV/m	Grid 9 M4 39.14 dBV/m



0 dB = 106.3 V/m = 40.53 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 128.8 V/m; Power Drift = -0.04 dB

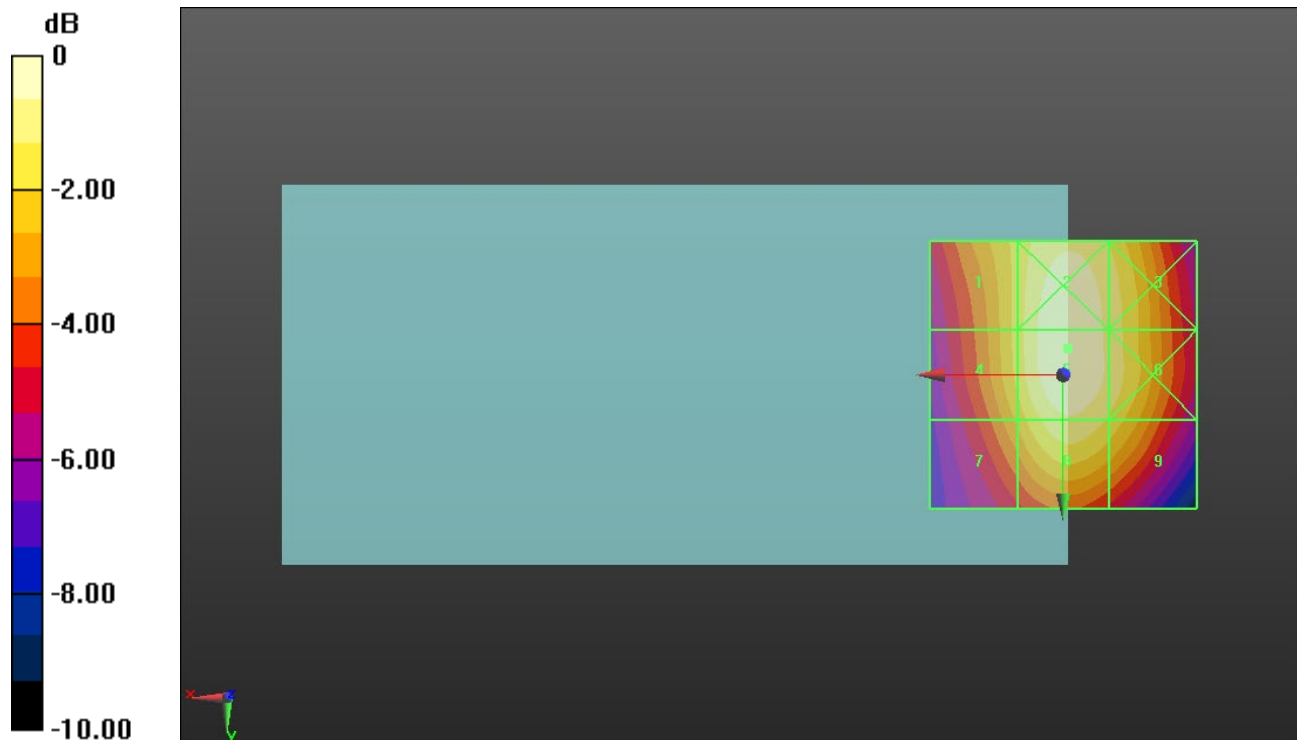
Applied MIF = 3.63 dB

RF audio interference level = 40.81 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 39.14 dBV/m	Grid 2 M3 40.77 dBV/m	Grid 3 M4 39.97 dBV/m
Grid 4 M4 39.15 dBV/m	Grid 5 M3 40.81 dBV/m	Grid 6 M3 40.03 dBV/m
Grid 7 M4 38.33 dBV/m	Grid 8 M3 40.06 dBV/m	Grid 9 M4 39.37 dBV/m



0 dB = 109.8 V/m = 40.81 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 = 17.74 V/m; Power Drift = 0.06 dB

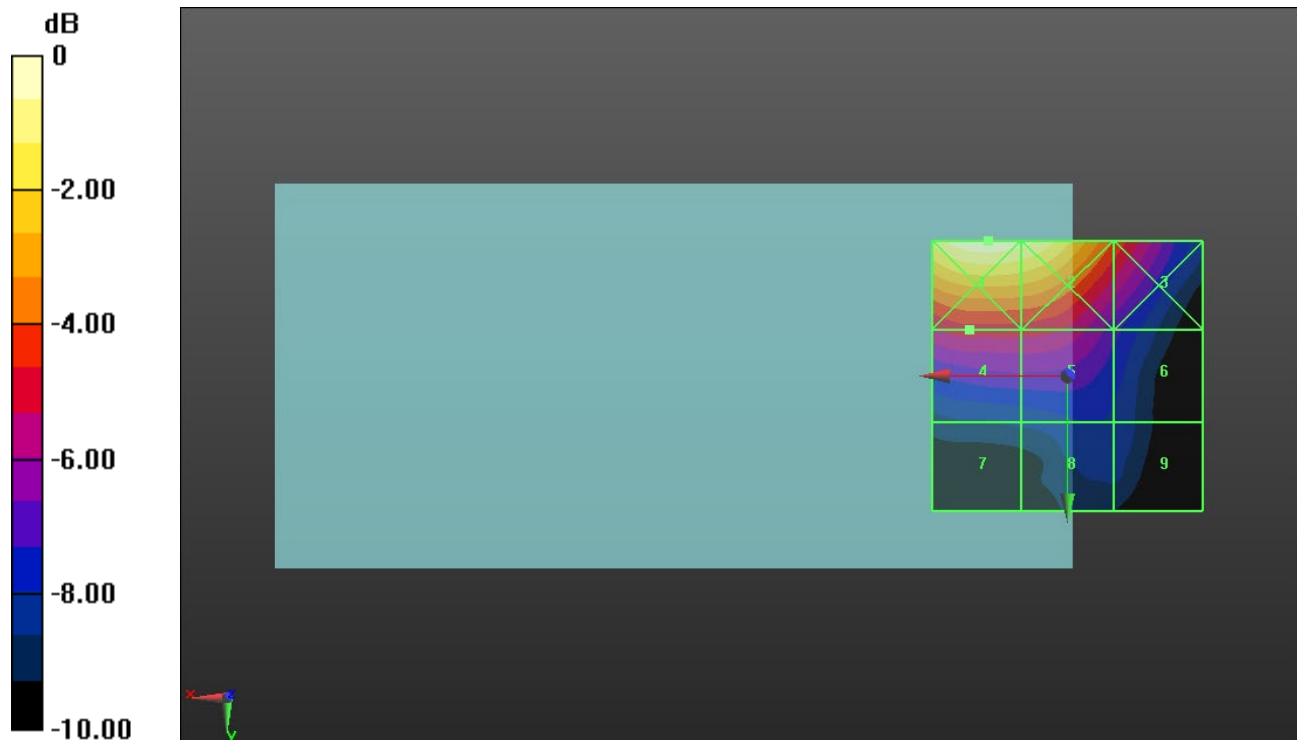
Applied MIF = 3.63 dB

RF audio interference level = 28.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.03 dBV/m	Grid 2 M3 32.67 dBV/m	Grid 3 M4 29.04 dBV/m
Grid 4 M4 28.09 dBV/m	Grid 5 M4 28.05 dBV/m	Grid 6 M4 26 dBV/m
Grid 7 M4 24.54 dBV/m	Grid 8 M4 25.07 dBV/m	Grid 9 M4 24.95 dBV/m



0 dB = 44.80 V/m = 33.03 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 = 16.17 V/m; Power Drift = -0.02 dB

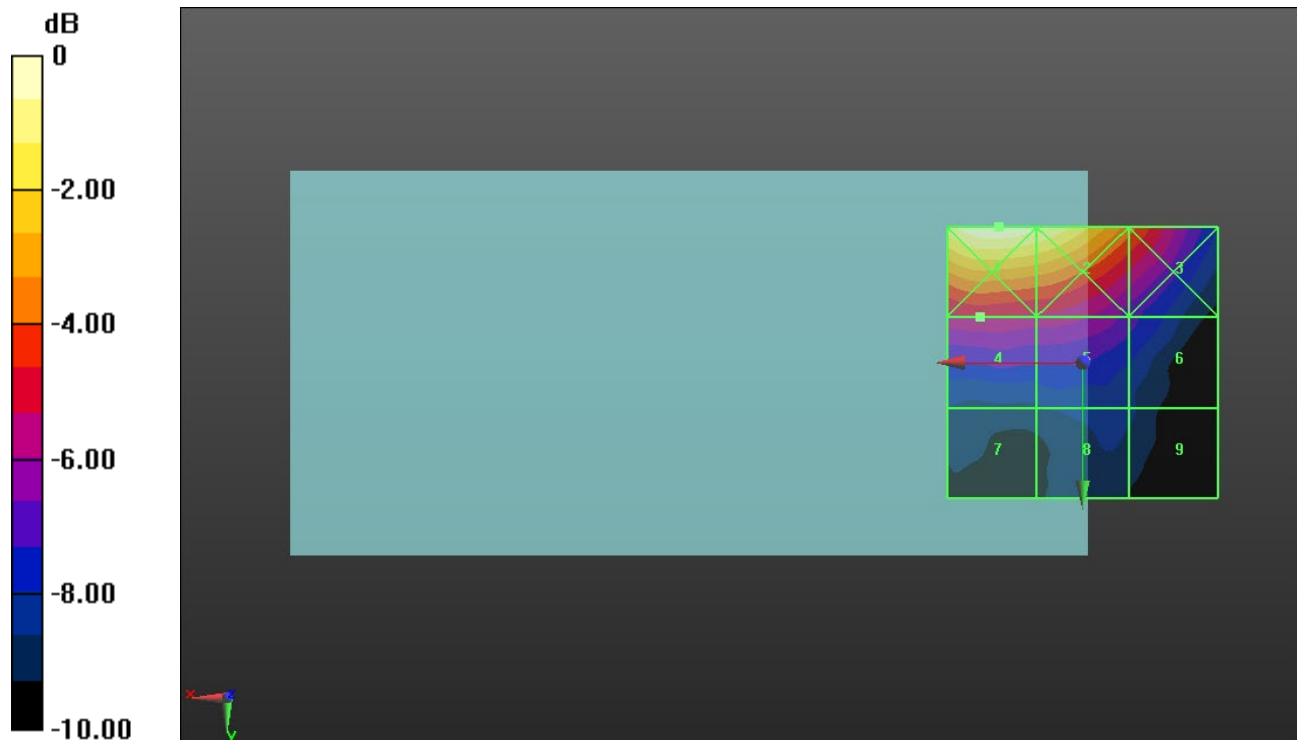
Applied MIF = 3.63 dB

RF audio interference level = 27.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.77 dBV/m	Grid 2 M3 32.35 dBV/m	Grid 3 M4 29.13 dBV/m
Grid 4 M4 27.54 dBV/m	Grid 5 M4 27.3 dBV/m	Grid 6 M4 25.81 dBV/m
Grid 7 M4 24.14 dBV/m	Grid 8 M4 24.47 dBV/m	Grid 9 M4 24.27 dBV/m



0 dB = 43.51 V/m = 32.77 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 = 15.07 V/m; Power Drift = 0.03 dB

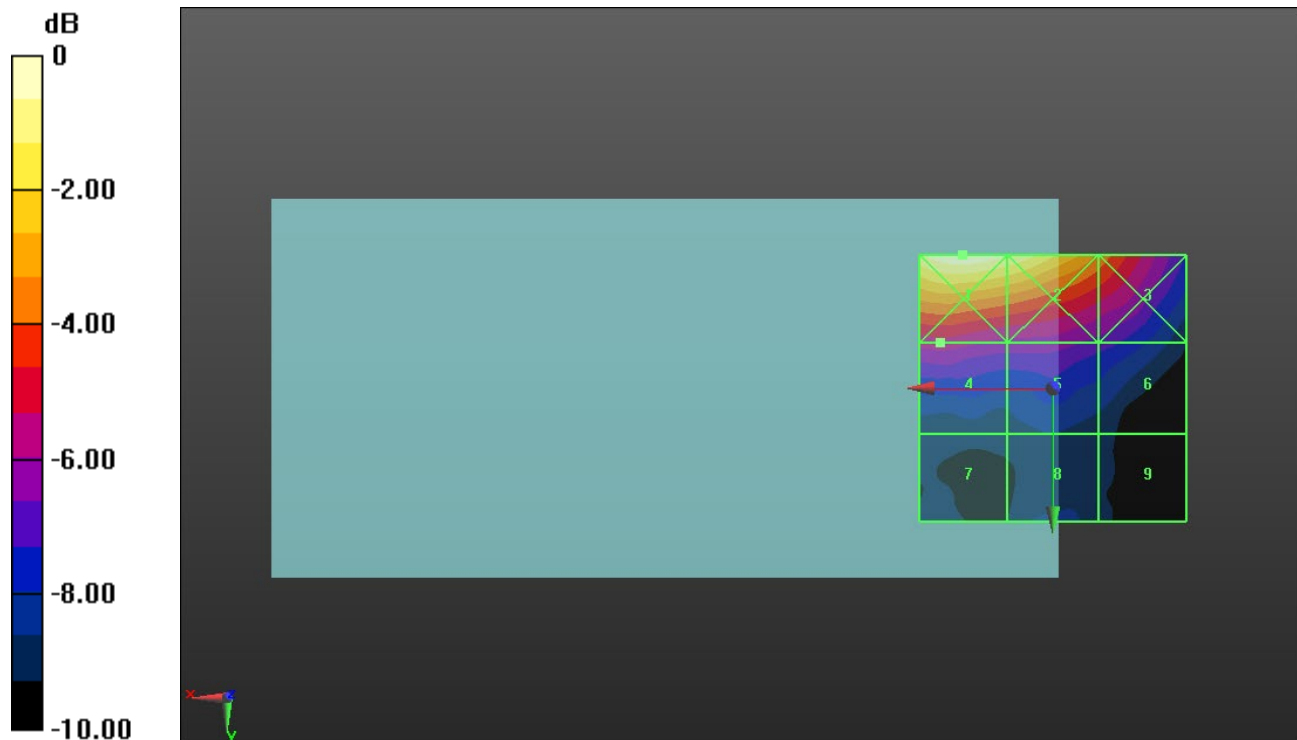
Applied MIF = 3.63 dB

RF audio interference level = 26.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.4 dBV/m	Grid 2 M3 31.84 dBV/m	Grid 3 M4 28.96 dBV/m
Grid 4 M4 26.8 dBV/m	Grid 5 M4 26.21 dBV/m	Grid 6 M4 25.5 dBV/m
Grid 7 M4 23.44 dBV/m	Grid 8 M4 23.91 dBV/m	Grid 9 M4 23.45 dBV/m



0 dB = 41.67 V/m = 32.40 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 = 28.31 V/m; Power Drift = -0.01 dB

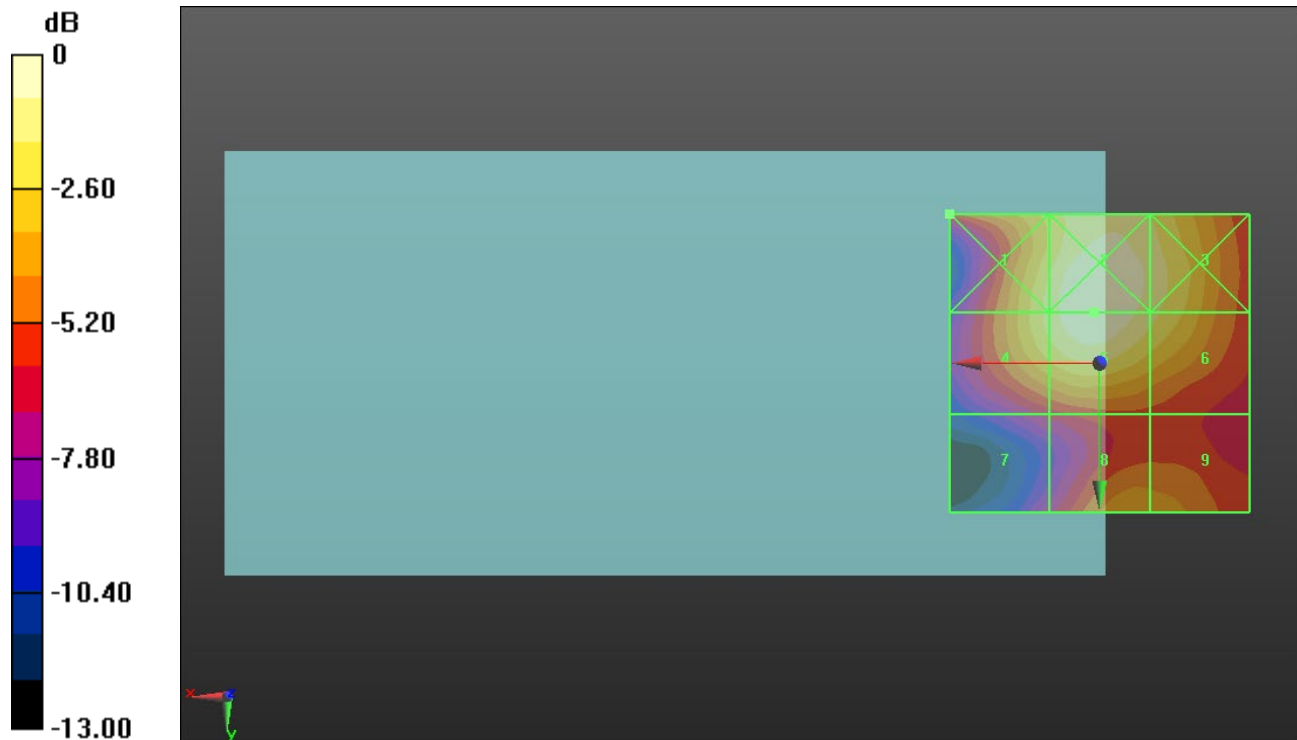
Applied MIF = -1.44 dB

RF audio interference level = 25.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.84 dBV/m	Grid 2 M4 25.22 dBV/m	Grid 3 M4 24.12 dBV/m
Grid 4 M4 23.83 dBV/m	Grid 5 M4 25.12 dBV/m	Grid 6 M4 23.82 dBV/m
Grid 7 M4 18.68 dBV/m	Grid 8 M4 21.76 dBV/m	Grid 9 M4 21.6 dBV/m



0 dB = 18.25 V/m = 25.23 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 = 33.56 V/m; Power Drift = 0.01 dB

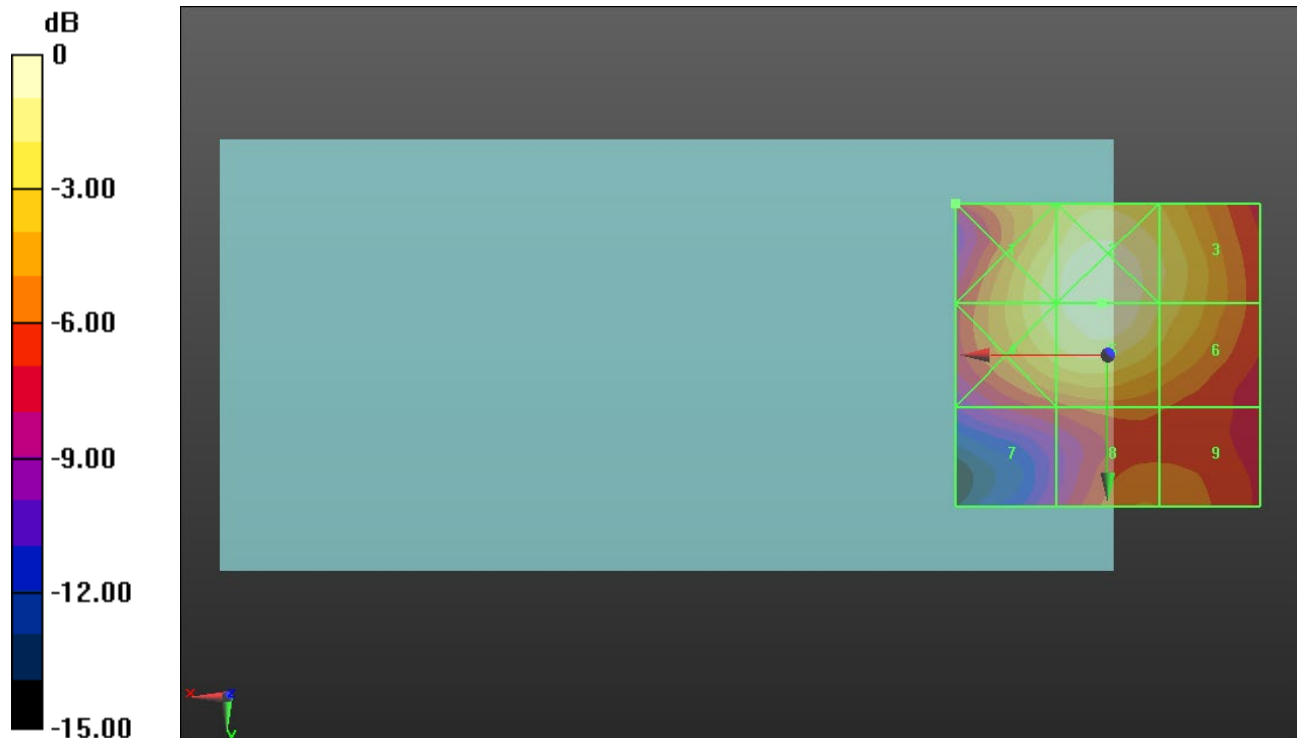
Applied MIF = -1.44 dB

RF audio interference level = 26.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.46 dBV/m	Grid 2 M4 26.64 dBV/m	Grid 3 M4 24.89 dBV/m
Grid 4 M4 25.42 dBV/m	Grid 5 M4 26.53 dBV/m	Grid 6 M4 24.65 dBV/m
Grid 7 M4 20.19 dBV/m	Grid 8 M4 21.76 dBV/m	Grid 9 M4 21.58 dBV/m



0 dB = 21.48 V/m = 26.64 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 = 34.75 V/m; Power Drift = -0.02 dB

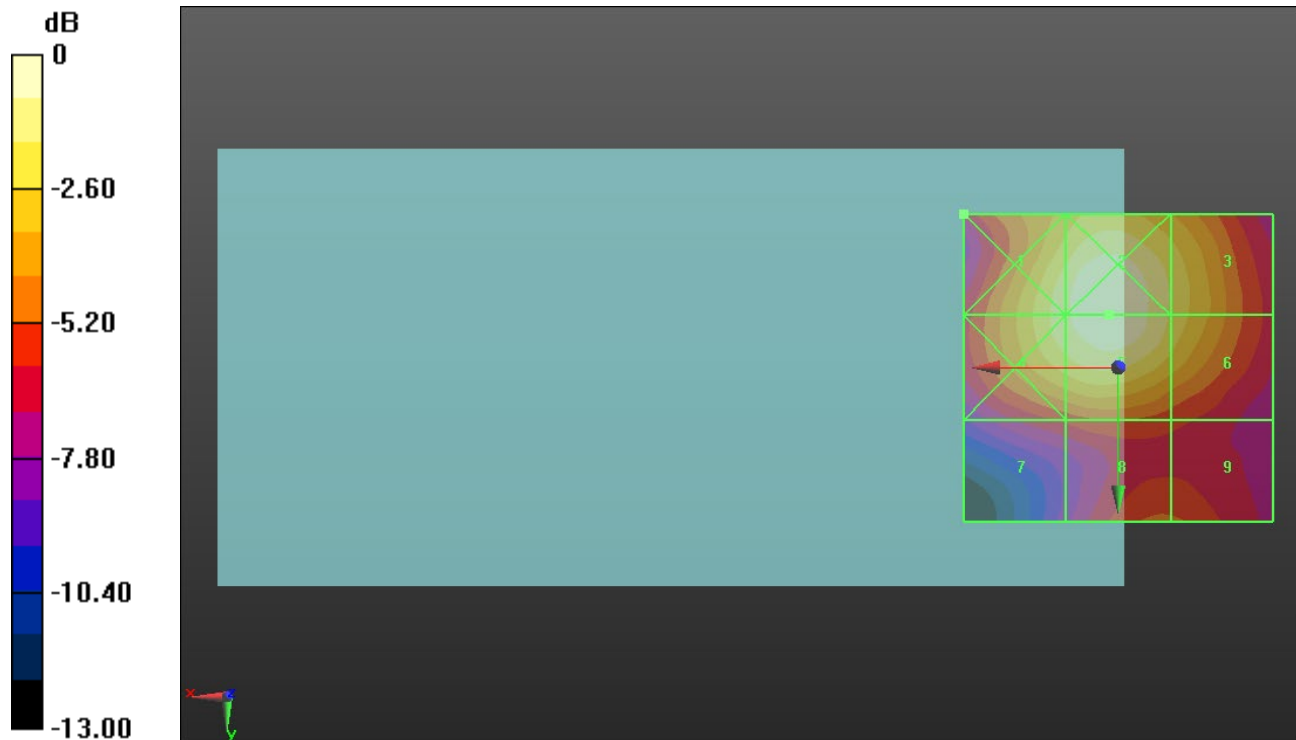
Applied MIF = -1.44 dB

RF audio interference level = 26.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.86 dBV/m	Grid 2 M4 26.89 dBV/m	Grid 3 M4 25.12 dBV/m
Grid 4 M4 25.85 dBV/m	Grid 5 M4 26.82 dBV/m	Grid 6 M4 25.05 dBV/m
Grid 7 M4 21.11 dBV/m	Grid 8 M4 21.93 dBV/m	Grid 9 M4 21.88 dBV/m



0 dB = 22.12 V/m = 26.90 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 = 35.29 V/m; Power Drift = 0.04 dB

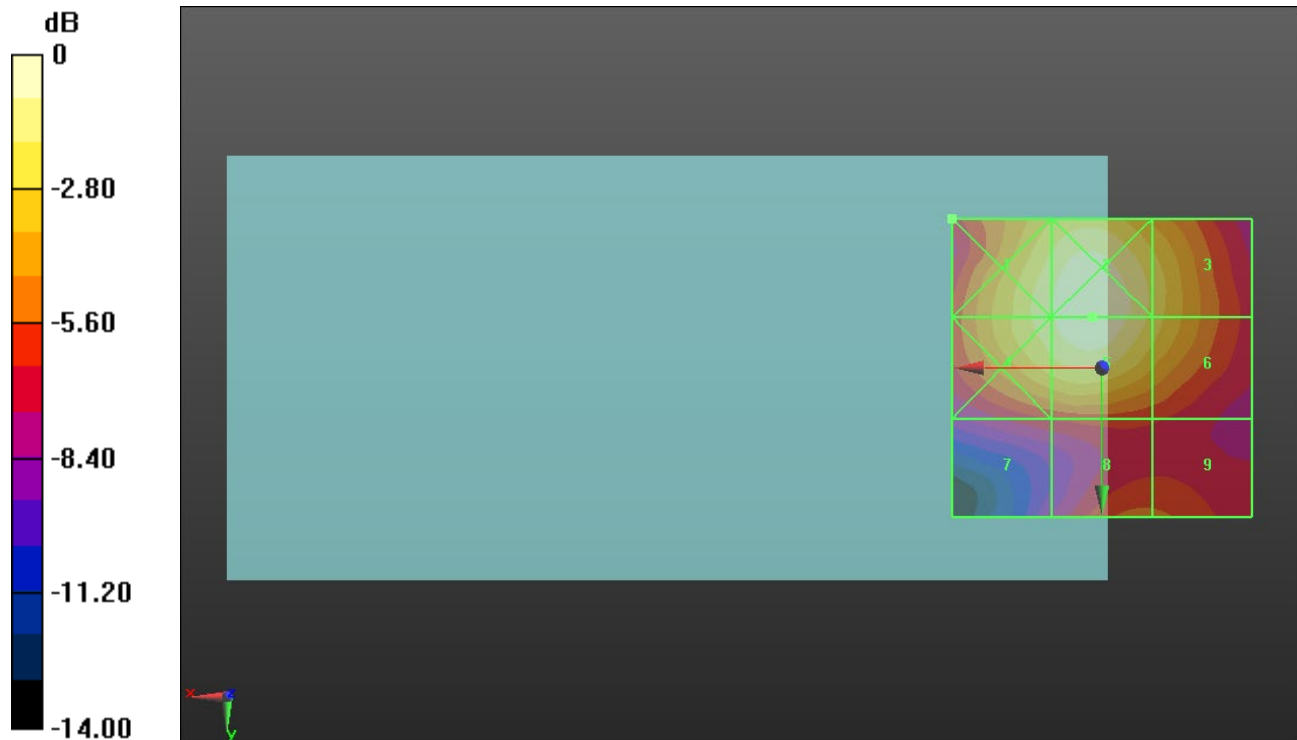
Applied MIF = -1.44 dB

RF audio interference level = 27.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.35 dBV/m	Grid 2 M4 27.33 dBV/m	Grid 3 M4 25.23 dBV/m
Grid 4 M4 26.29 dBV/m	Grid 5 M4 27.26 dBV/m	Grid 6 M4 25.11 dBV/m
Grid 7 M4 20.89 dBV/m	Grid 8 M4 22.16 dBV/m	Grid 9 M4 22.05 dBV/m



0 dB = 23.26 V/m = 27.33 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 = 35.50 V/m; Power Drift = 0.07 dB

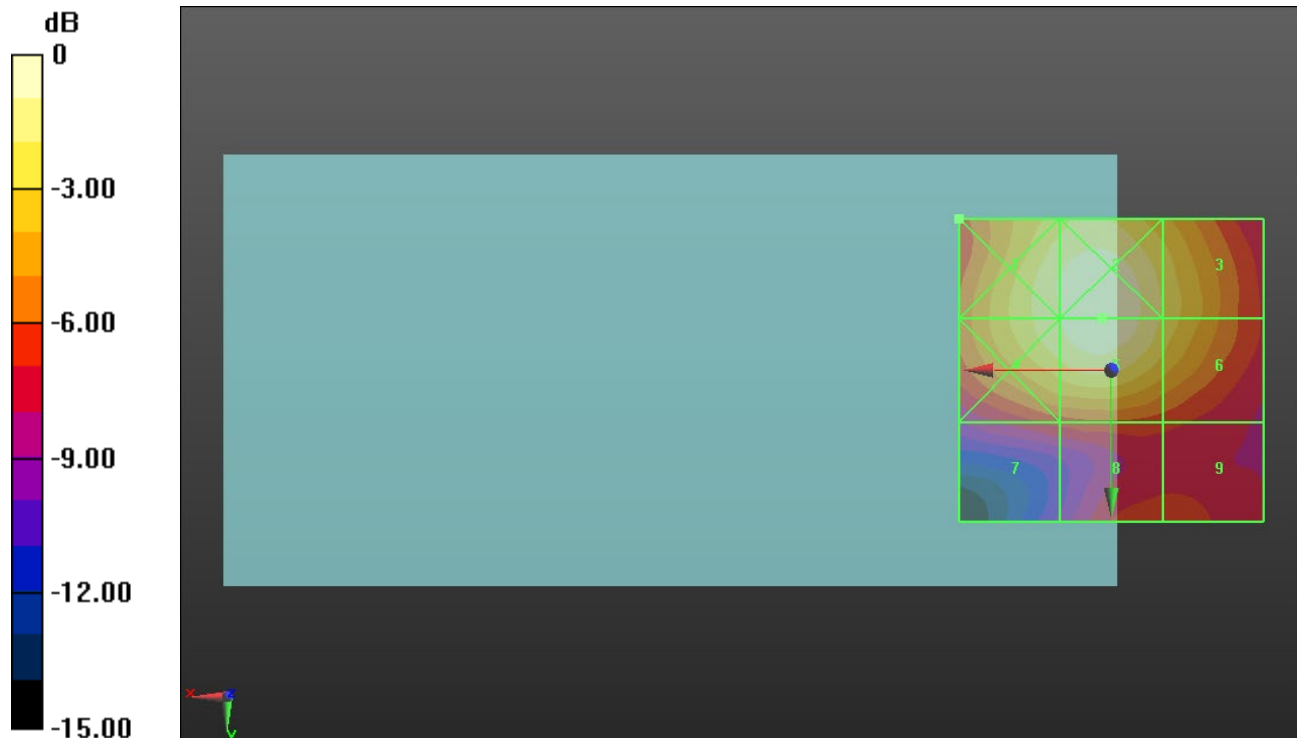
Applied MIF = -1.44 dB

RF audio interference level = 27.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.58 dBV/m	Grid 2 M4 27.46 dBV/m	Grid 3 M4 25.38 dBV/m
Grid 4 M4 26.42 dBV/m	Grid 5 M4 27.31 dBV/m	Grid 6 M4 25.29 dBV/m
Grid 7 M4 20.92 dBV/m	Grid 8 M4 21.32 dBV/m	Grid 9 M4 21.18 dBV/m



0 dB = 23.62 V/m = 27.47 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 = 38.27 V/m; Power Drift = 0.15 dB

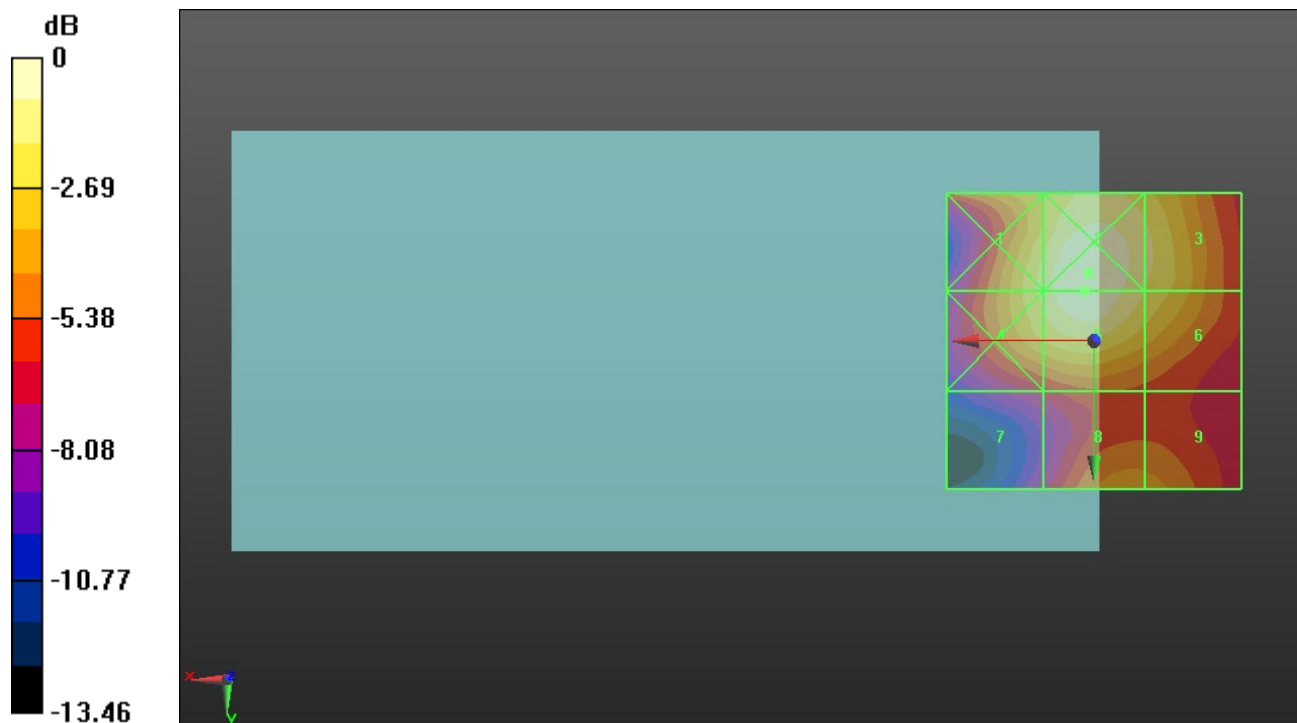
Applied MIF = -1.44 dB

RF audio interference level = 27.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.45 dBV/m	Grid 2 M4 27.8 dBV/m	Grid 3 M4 26.37 dBV/m
Grid 4 M4 26.41 dBV/m	Grid 5 M4 27.71 dBV/m	Grid 6 M4 26.01 dBV/m
Grid 7 M4 21.13 dBV/m	Grid 8 M4 23.88 dBV/m	Grid 9 M4 23.78 dBV/m



0 dB = 24.55 V/m = 27.80 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 = 49.45 V/m; Power Drift = 0.12 dB

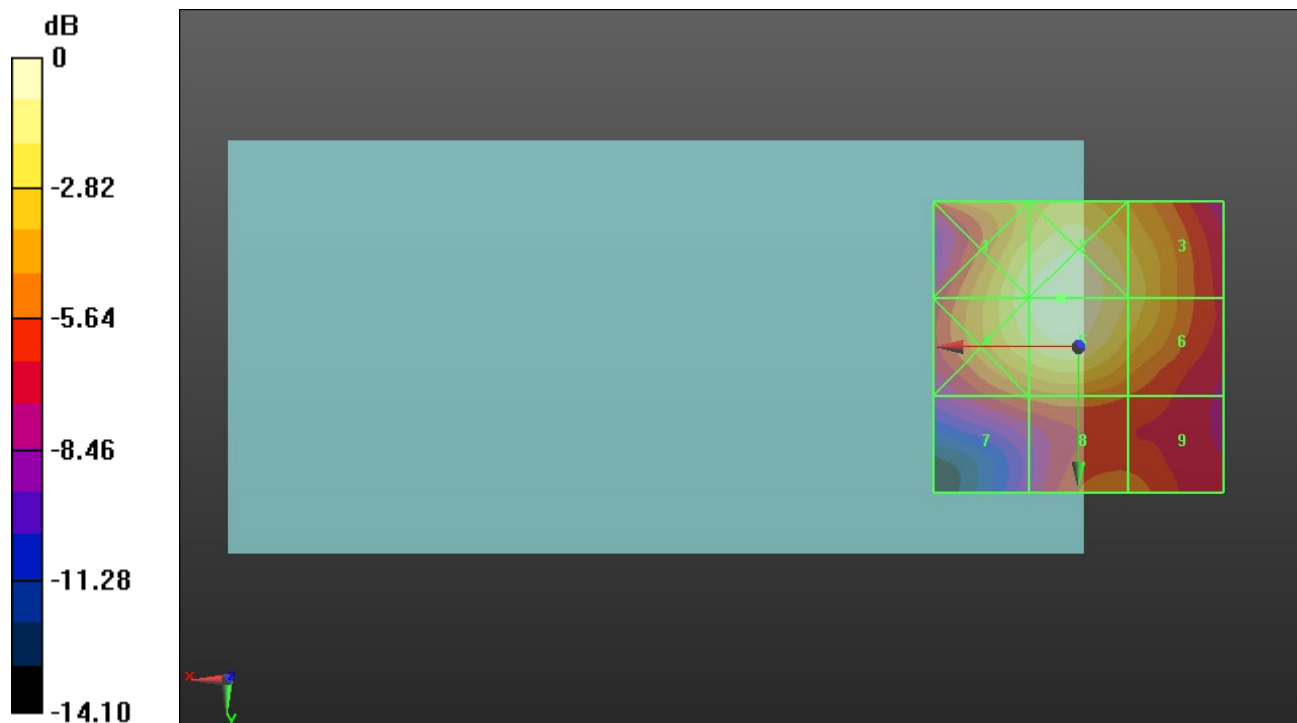
Applied MIF = -1.44 dB

RF audio interference level = 29.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.22 dBV/m	Grid 2 M4 29.2 dBV/m	Grid 3 M4 27.29 dBV/m
Grid 4 M4 28.22 dBV/m	Grid 5 M4 29.2 dBV/m	Grid 6 M4 27.25 dBV/m
Grid 7 M4 23.85 dBV/m	Grid 8 M4 24.31 dBV/m	Grid 9 M4 24.21 dBV/m



0 dB = 28.85 V/m = 29.20 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 = 45.56 V/m; Power Drift = -0.15 dB

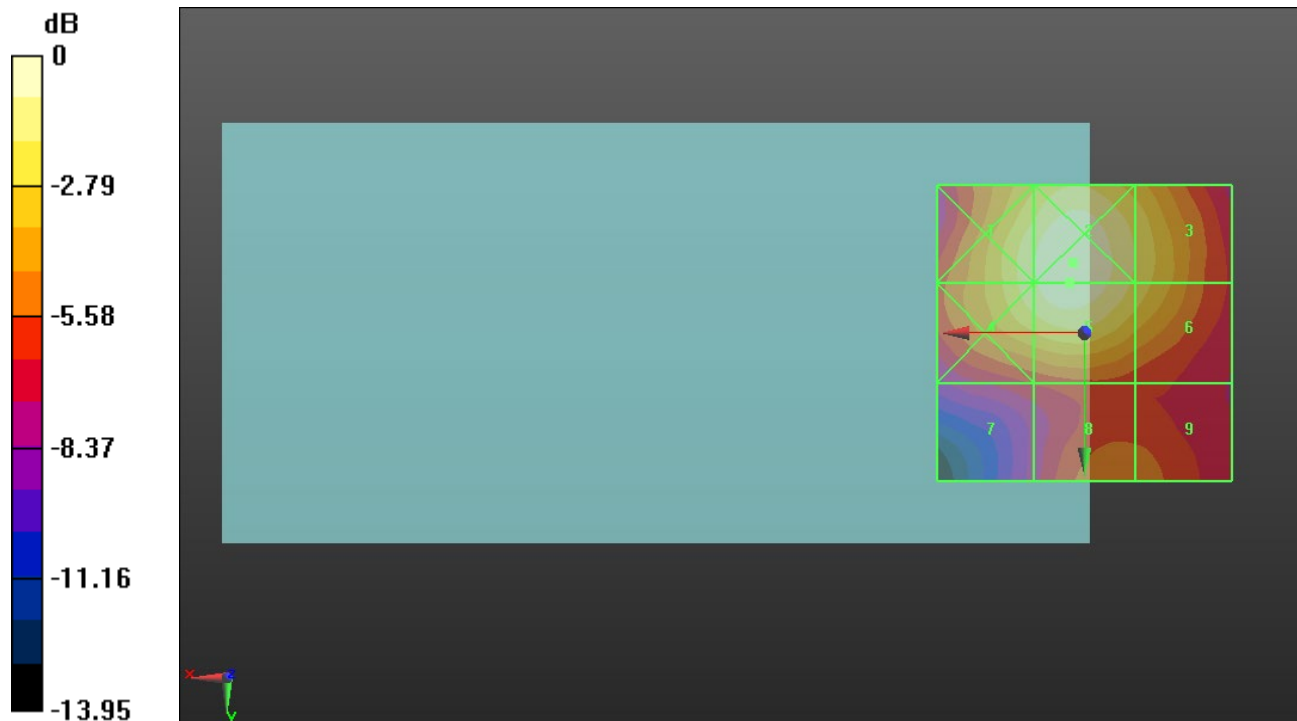
Applied MIF = -1.44 dB

RF audio interference level = 29.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.66 dBV/m	Grid 2 M4 29.61 dBV/m	Grid 3 M4 27.76 dBV/m
Grid 4 M4 28.55 dBV/m	Grid 5 M4 29.44 dBV/m	Grid 6 M4 27.55 dBV/m
Grid 7 M4 23.21 dBV/m	Grid 8 M4 24.9 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 30.24 V/m = 29.61 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 = 47.90 V/m; Power Drift = -0.00 dB

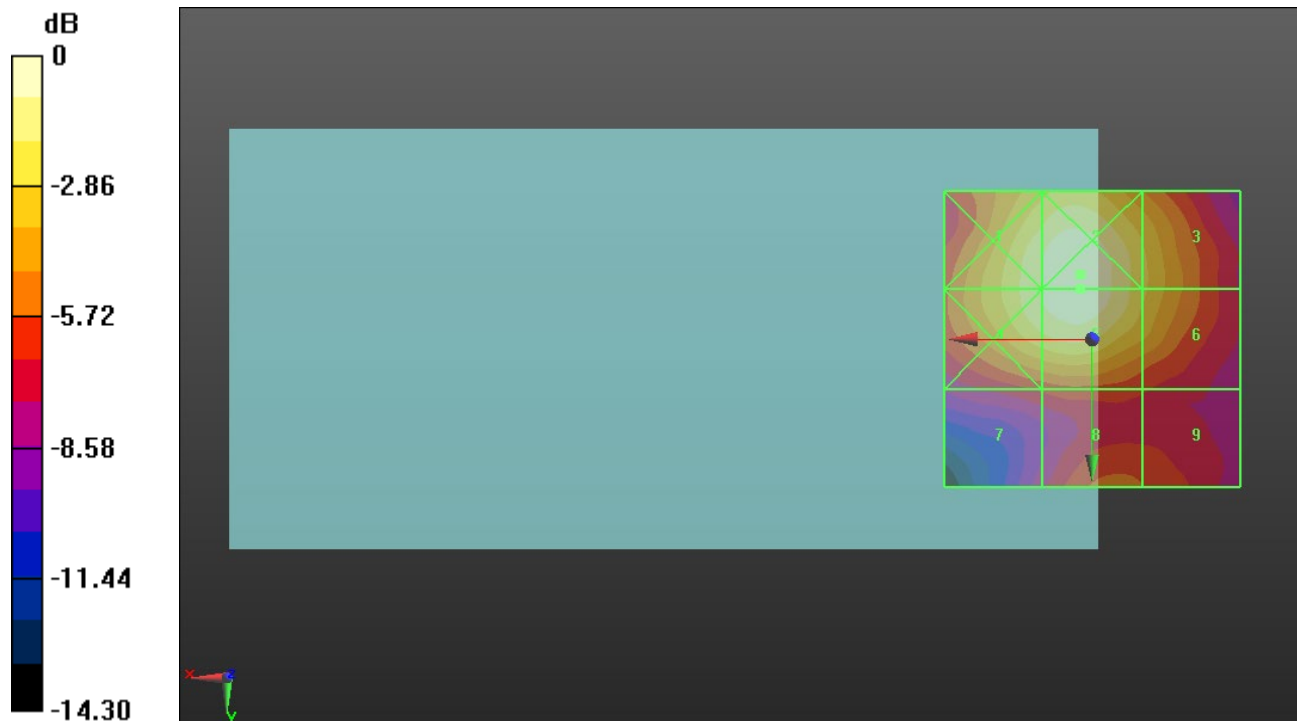
Applied MIF = -1.44 dB

RF audio interference level = 29.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.75 dBV/m	Grid 2 M4 29.65 dBV/m	Grid 3 M4 27.12 dBV/m
Grid 4 M4 28.74 dBV/m	Grid 5 M4 29.57 dBV/m	Grid 6 M4 27.06 dBV/m
Grid 7 M4 23.21 dBV/m	Grid 8 M4 24.26 dBV/m	Grid 9 M4 23.99 dBV/m



0 dB = 30.39 V/m = 29.65 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 = 47.86 V/m; Power Drift = -0.11 dB

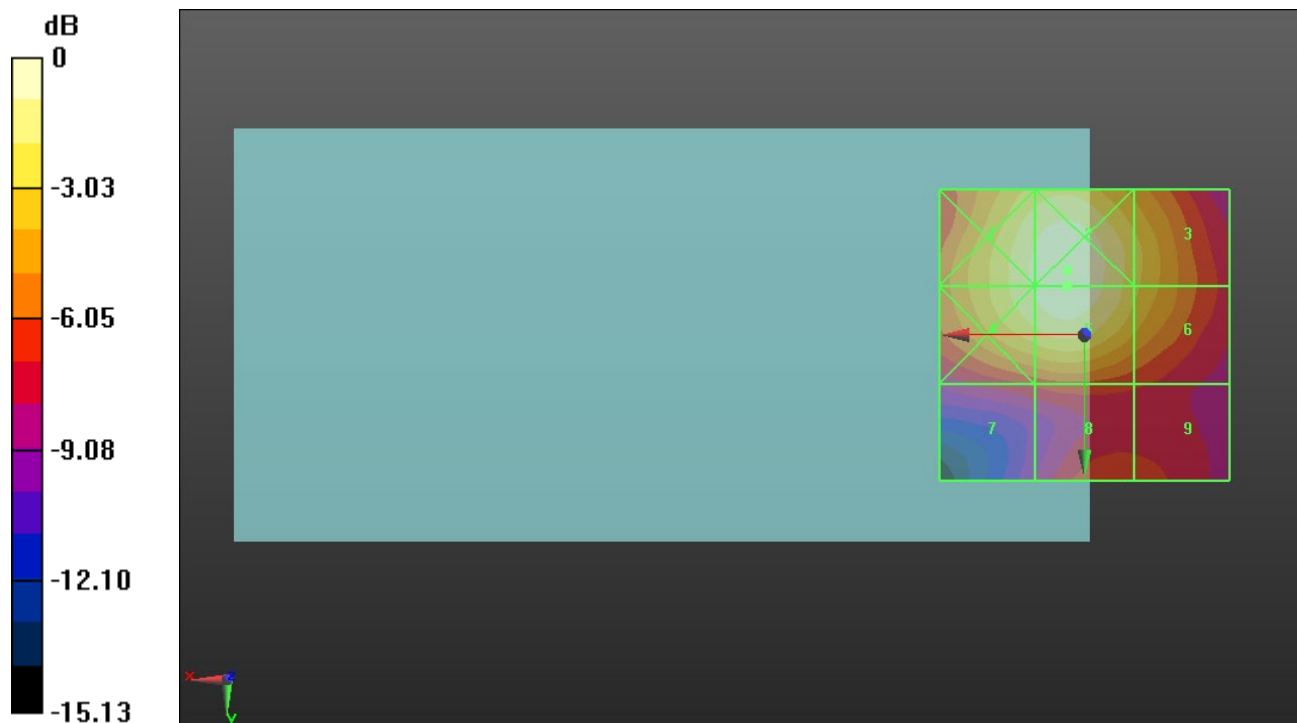
Applied MIF = -1.44 dB

RF audio interference level = 29.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.99 dBV/m	Grid 2 M4 29.72 dBV/m	Grid 3 M4 27.2 dBV/m
Grid 4 M4 28.92 dBV/m	Grid 5 M4 29.62 dBV/m	Grid 6 M4 27.05 dBV/m
Grid 7 M4 22.92 dBV/m	Grid 8 M4 23.56 dBV/m	Grid 9 M4 23.37 dBV/m



0 dB = 30.64 V/m = 29.73 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 = 39.50 V/m; Power Drift = -0.01 dB

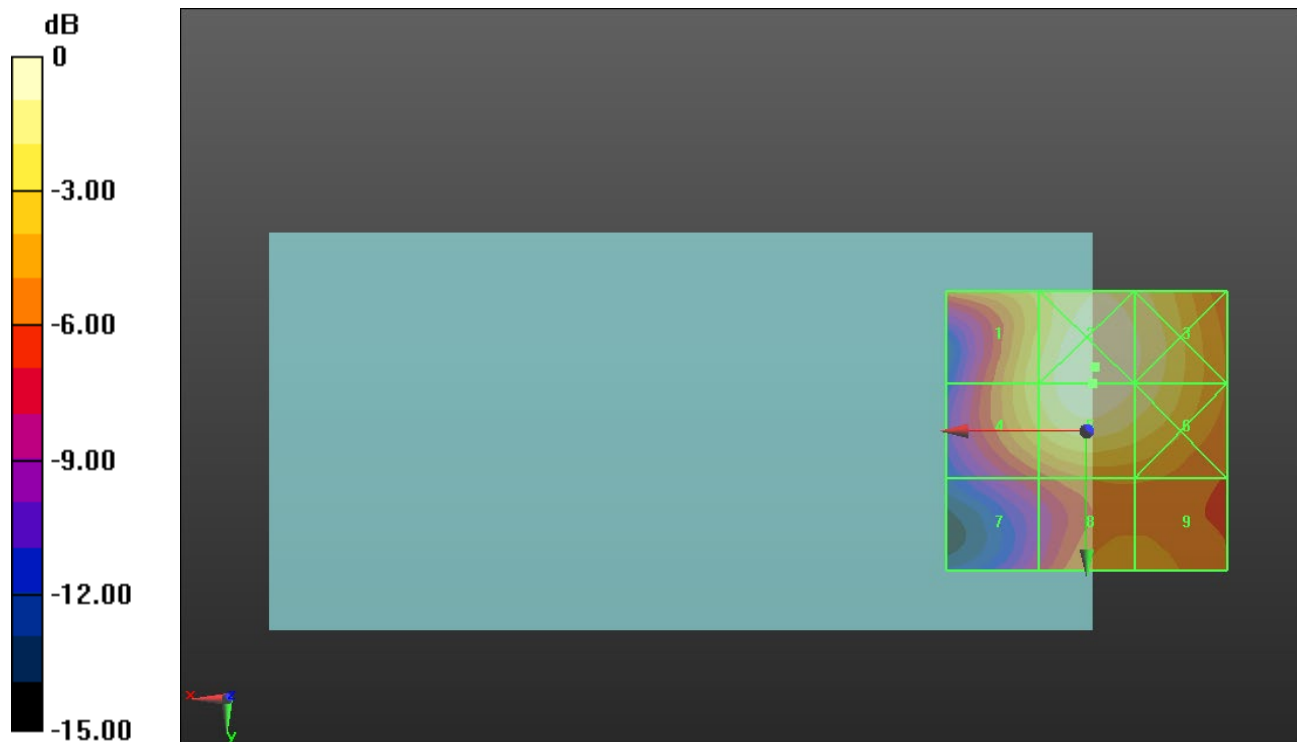
Applied MIF = -1.44 dB

RF audio interference level = 27.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.02 dBV/m	Grid 2 M4 27.92 dBV/m	Grid 3 M4 27.14 dBV/m
Grid 4 M4 26.01 dBV/m	Grid 5 M4 27.81 dBV/m	Grid 6 M4 26.9 dBV/m
Grid 7 M4 21.31 dBV/m	Grid 8 M4 23.86 dBV/m	Grid 9 M4 23.72 dBV/m



0 dB = 24.89 V/m = 27.92 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 = 24.75 V/m; Power Drift = 0.08 dB

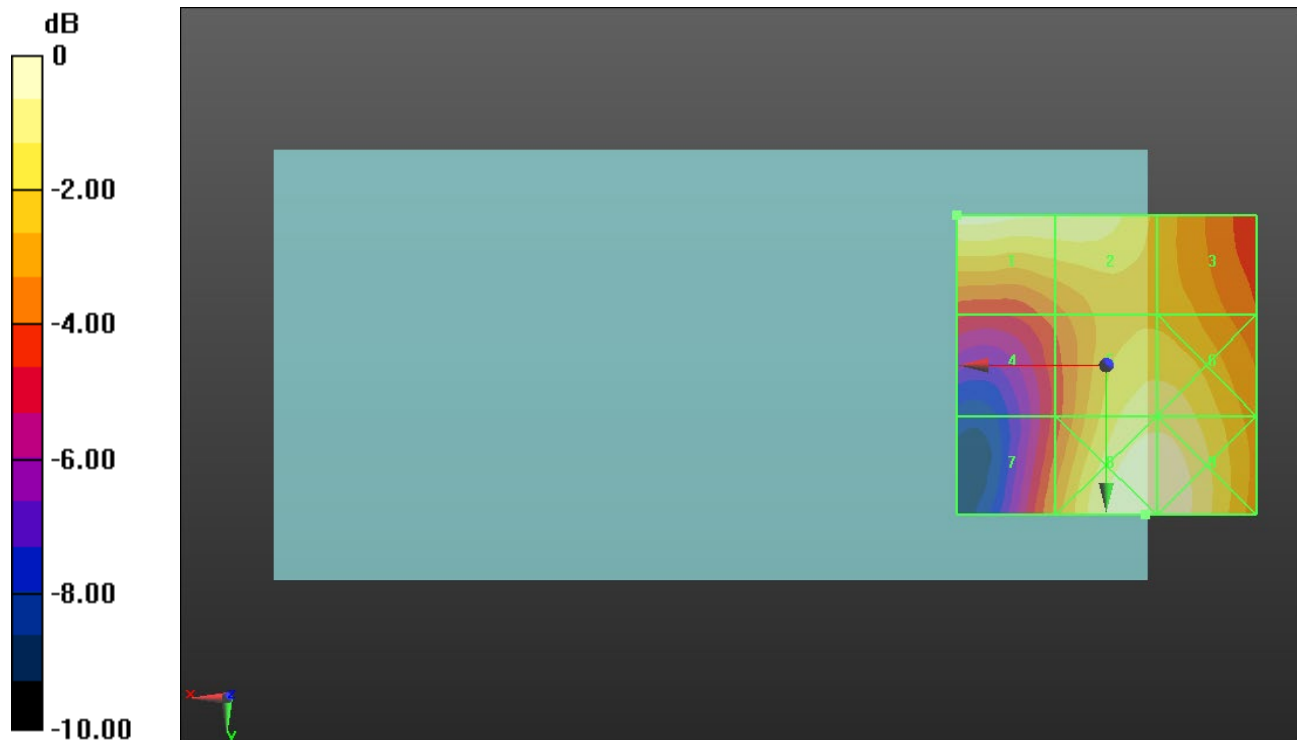
Applied MIF = 3.63 dB

RF audio interference level = 31.04 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.04 dBV/m	Grid 2 M3 30.74 dBV/m	Grid 3 M4 29.19 dBV/m
Grid 4 M4 27.77 dBV/m	Grid 5 M3 30.5 dBV/m	Grid 6 M3 30.5 dBV/m
Grid 7 M4 28.31 dBV/m	Grid 8 M3 31.36 dBV/m	Grid 9 M3 31.31 dBV/m



0 dB = 37.00 V/m = 31.36 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 = 24.79 V/m; Power Drift = -0.03 dB

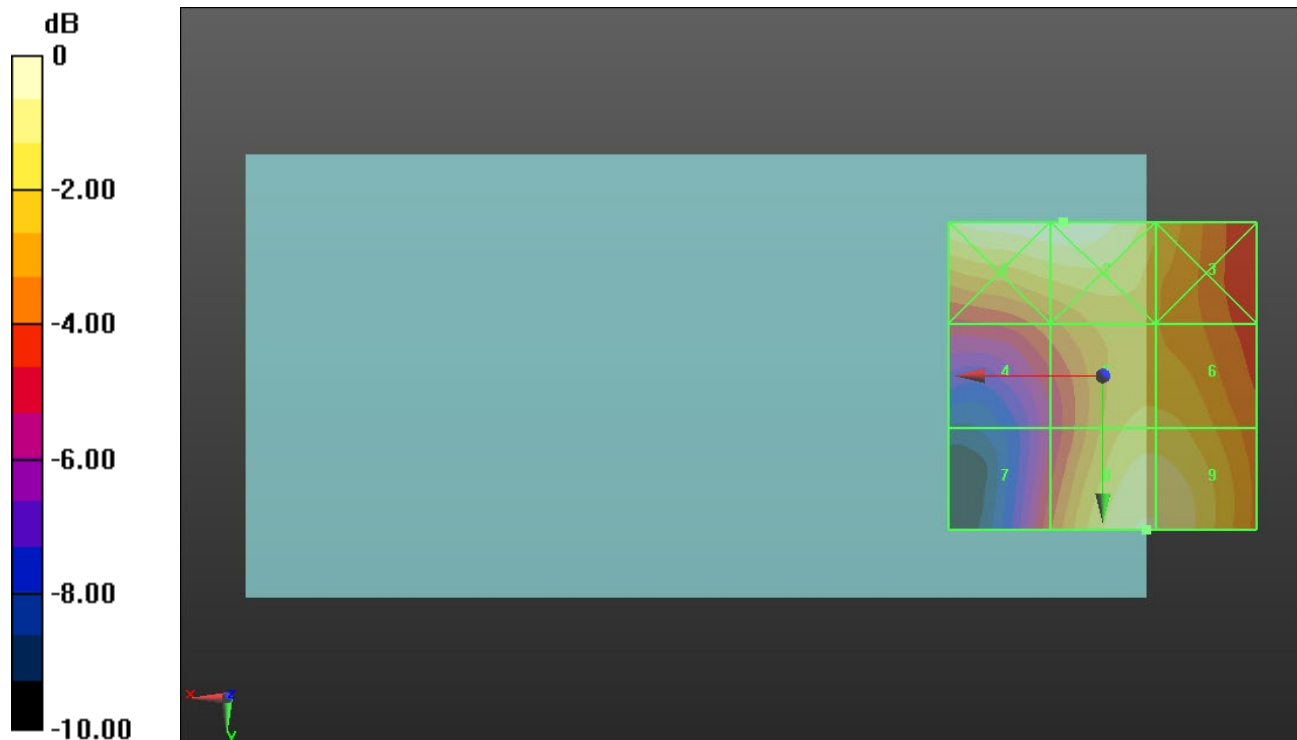
Applied MIF = 3.63 dB

RF audio interference level = 31.36 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.92 dBV/m	Grid 2 M3 31.96 dBV/m	Grid 3 M3 30.13 dBV/m
Grid 4 M4 28.45 dBV/m	Grid 5 M3 30.28 dBV/m	Grid 6 M3 30.28 dBV/m
Grid 7 M4 27.94 dBV/m	Grid 8 M3 31.36 dBV/m	Grid 9 M3 31.32 dBV/m



0 dB = 39.64 V/m = 31.96 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 = 26.50 V/m; Power Drift = -0.08 dB

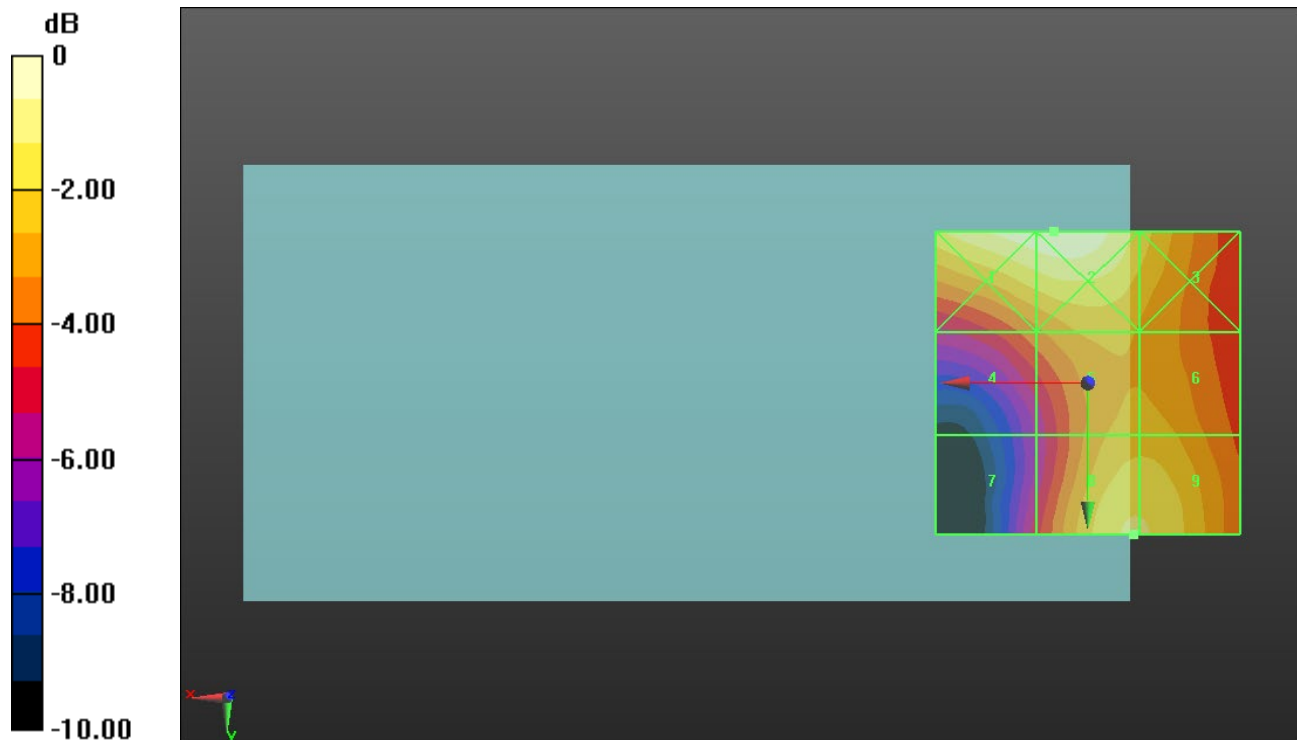
Applied MIF = 3.63 dB

RF audio interference level = 31.63 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.76 dBV/m	Grid 2 M3 32.87 dBV/m	Grid 3 M3 31.28 dBV/m
Grid 4 M4 29.37 dBV/m	Grid 5 M3 30.59 dBV/m	Grid 6 M3 30.6 dBV/m
Grid 7 M4 27.97 dBV/m	Grid 8 M3 31.63 dBV/m	Grid 9 M3 31.61 dBV/m



0 dB = 44.03 V/m = 32.87 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 = 25.04 V/m; Power Drift = 0.06 dB

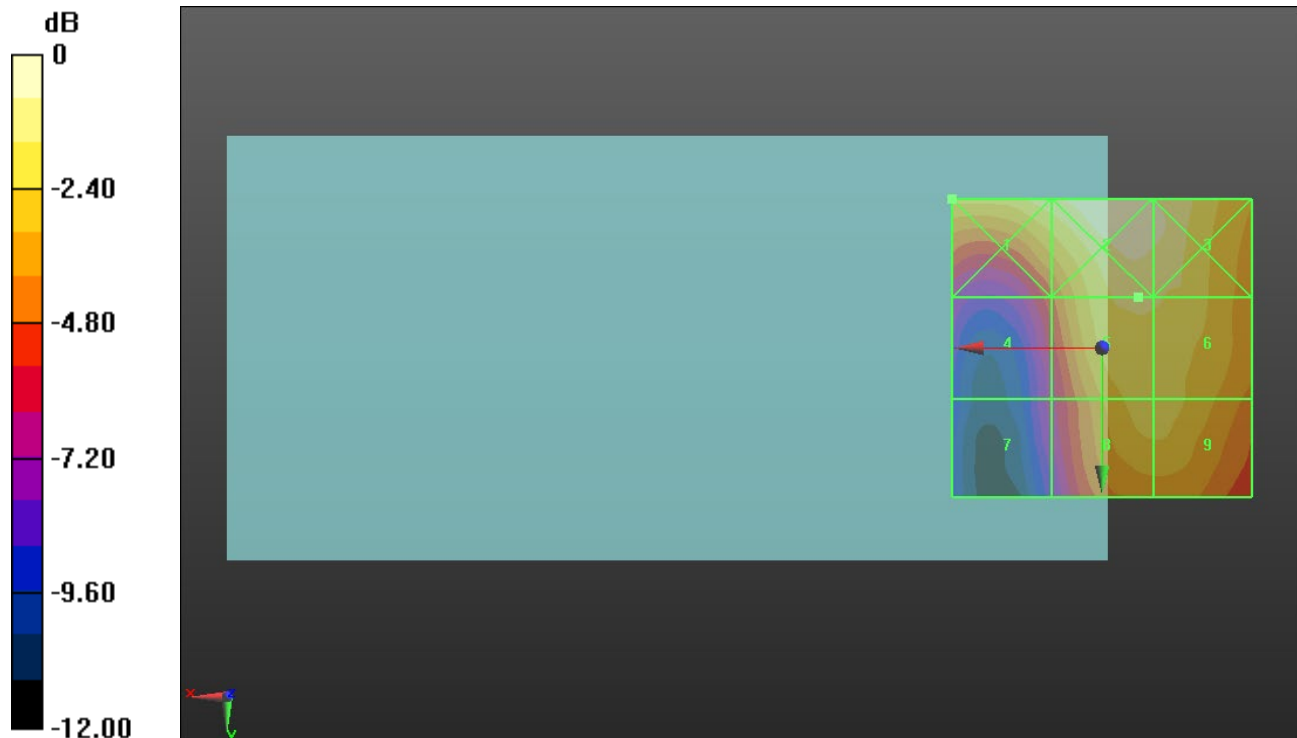
Applied MIF = -1.44 dB

RF audio interference level = 25.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.95 dBV/m	Grid 2 M4 26.85 dBV/m	Grid 3 M4 26.32 dBV/m
Grid 4 M4 21.88 dBV/m	Grid 5 M4 25.46 dBV/m	Grid 6 M4 25.35 dBV/m
Grid 7 M4 20.11 dBV/m	Grid 8 M4 24.81 dBV/m	Grid 9 M4 24.81 dBV/m



0 dB = 22.01 V/m = 26.85 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 = 24.27 V/m; Power Drift = -0.14 dB

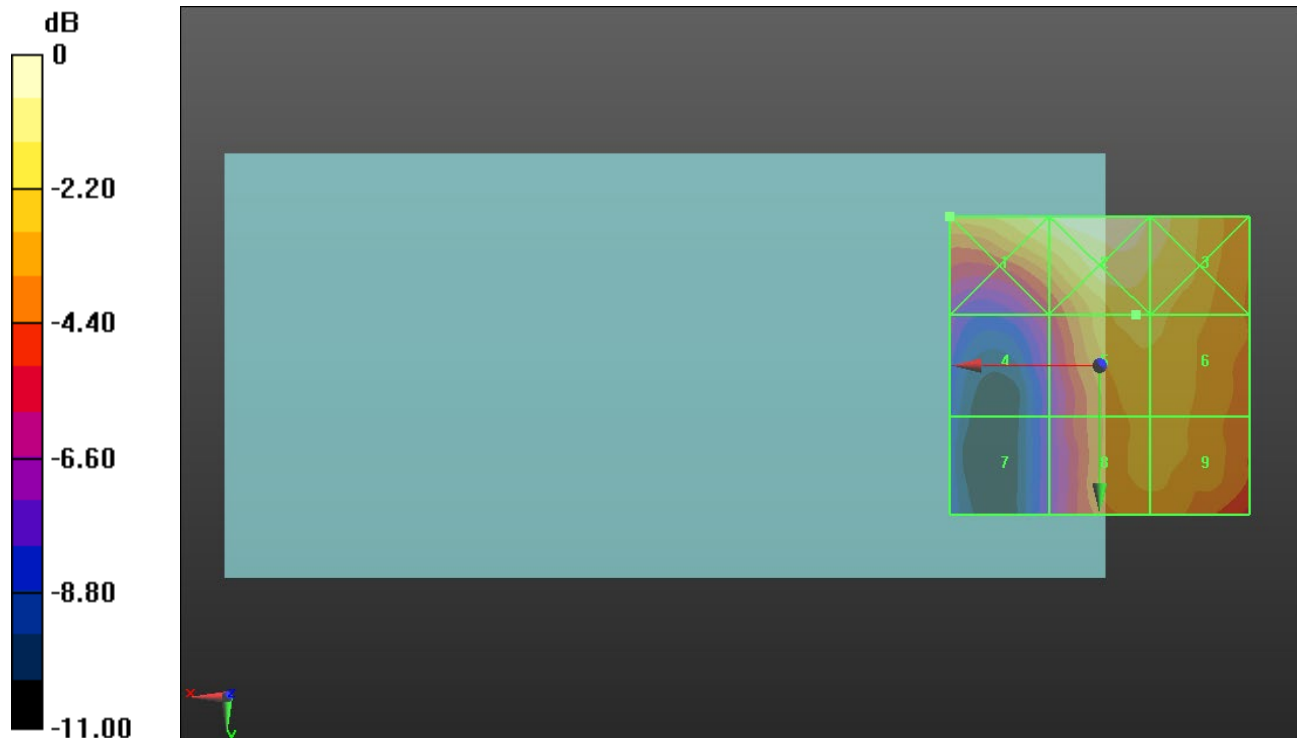
Applied MIF = -1.44 dB

RF audio interference level = 25.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.45 dBV/m	Grid 2 M4 27.27 dBV/m	Grid 3 M4 26.41 dBV/m
Grid 4 M4 21.78 dBV/m	Grid 5 M4 25.37 dBV/m	Grid 6 M4 25.27 dBV/m
Grid 7 M4 20.08 dBV/m	Grid 8 M4 24.62 dBV/m	Grid 9 M4 24.64 dBV/m



0 dB = 23.09 V/m = 27.27 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 = 21.00 V/m; Power Drift = -0.08 dB

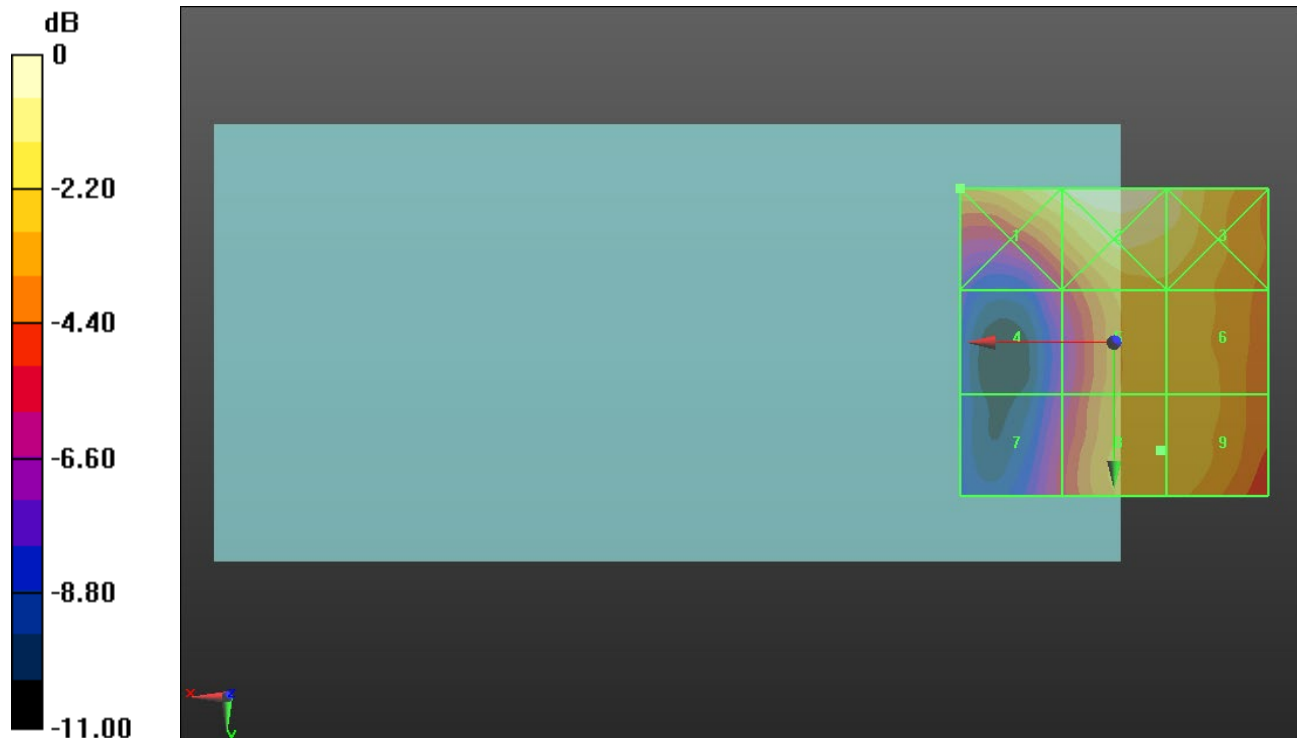
Applied MIF = -1.44 dB

RF audio interference level = 23.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.08 dBV/m	Grid 2 M4 25.84 dBV/m	Grid 3 M4 24.87 dBV/m
Grid 4 M4 20.19 dBV/m	Grid 5 M4 23.54 dBV/m	Grid 6 M4 23.53 dBV/m
Grid 7 M4 20.43 dBV/m	Grid 8 M4 23.57 dBV/m	Grid 9 M4 23.56 dBV/m



0 dB = 19.59 V/m = 25.84 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 = 17.55 V/m; Power Drift = 0.03 dB

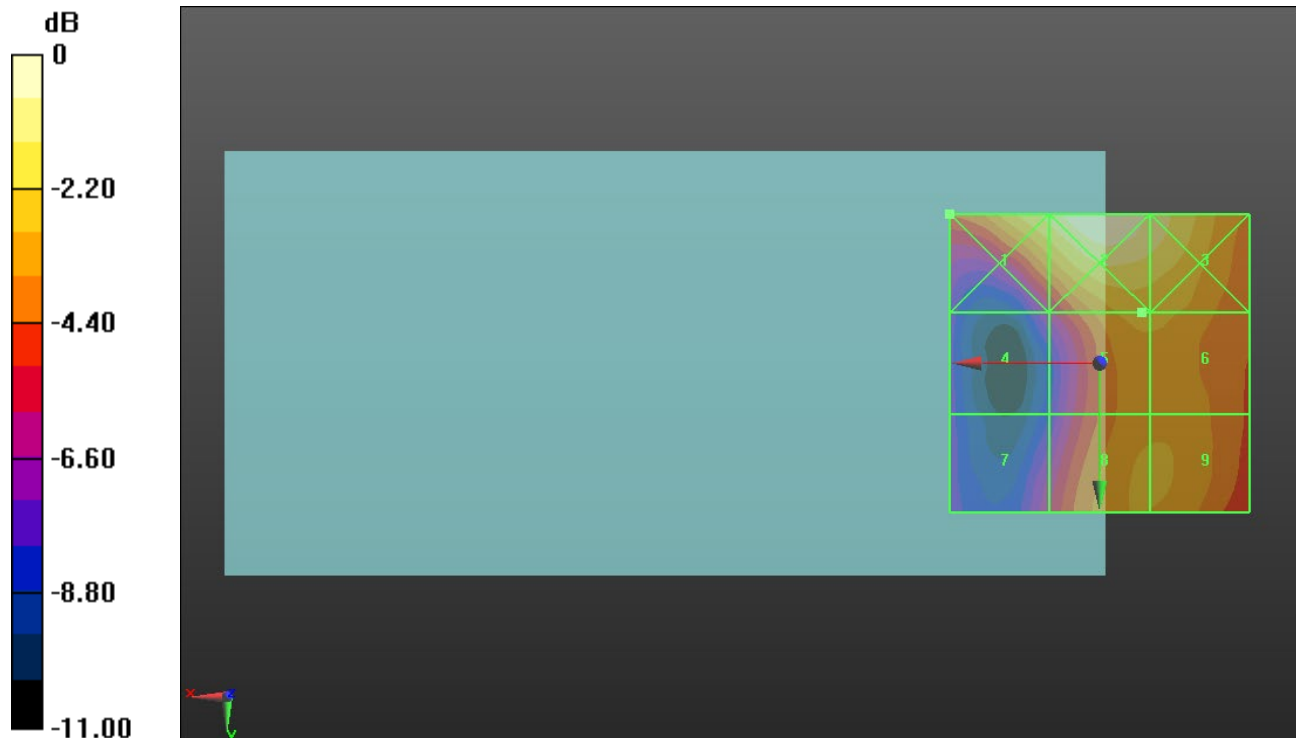
Applied MIF = -1.44 dB

RF audio interference level = 23.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.63 dBV/m	Grid 2 M4 25.77 dBV/m	Grid 3 M4 24.84 dBV/m
Grid 4 M4 19.48 dBV/m	Grid 5 M4 23.14 dBV/m	Grid 6 M4 23.1 dBV/m
Grid 7 M4 19.8 dBV/m	Grid 8 M4 23 dBV/m	Grid 9 M4 23 dBV/m



0 dB = 19.44 V/m = 25.77 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 15.27 V/m; Power Drift = -0.06 dB

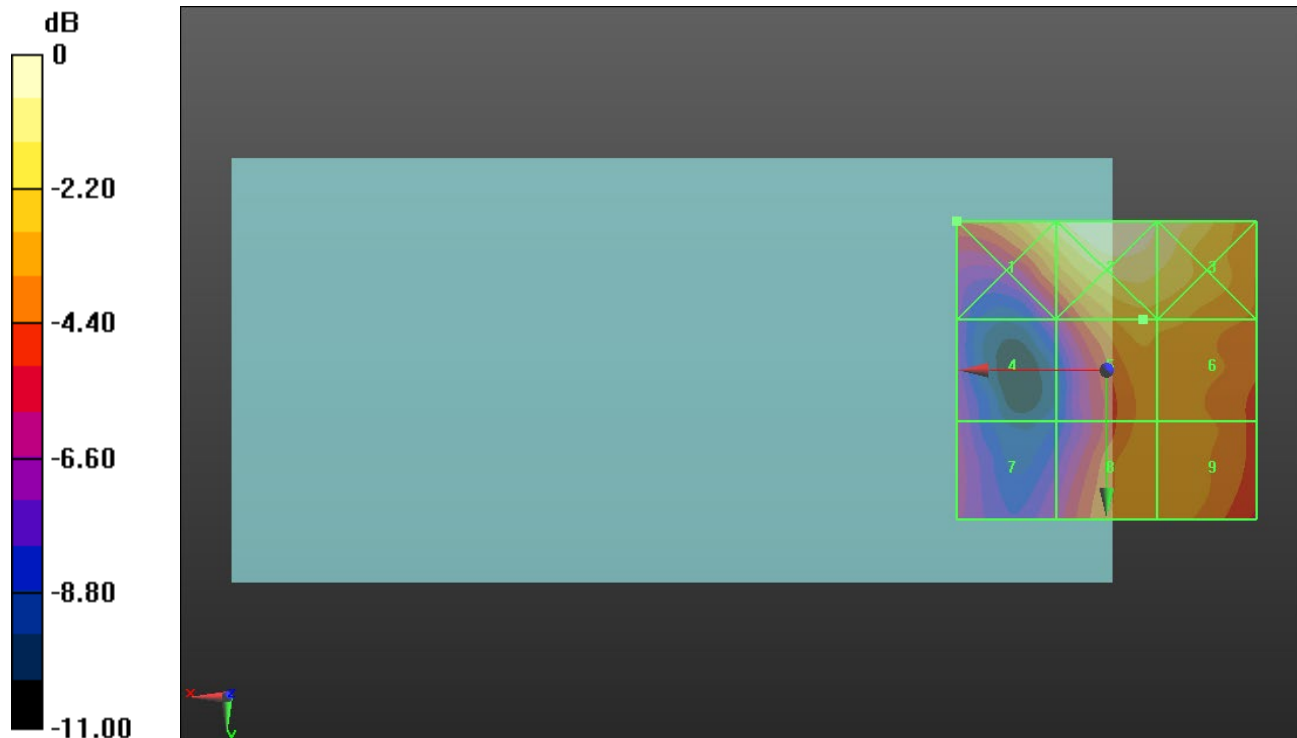
Applied MIF = -1.44 dB

RF audio interference level = 22.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.73 dBV/m	Grid 2 M4 24.72 dBV/m	Grid 3 M4 23.96 dBV/m
Grid 4 M4 18.39 dBV/m	Grid 5 M4 22.24 dBV/m	Grid 6 M4 22.13 dBV/m
Grid 7 M4 18.73 dBV/m	Grid 8 M4 21.57 dBV/m	Grid 9 M4 21.55 dBV/m



0 dB = 17.21 V/m = 24.72 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 27.94 V/m; Power Drift = -0.44 dB

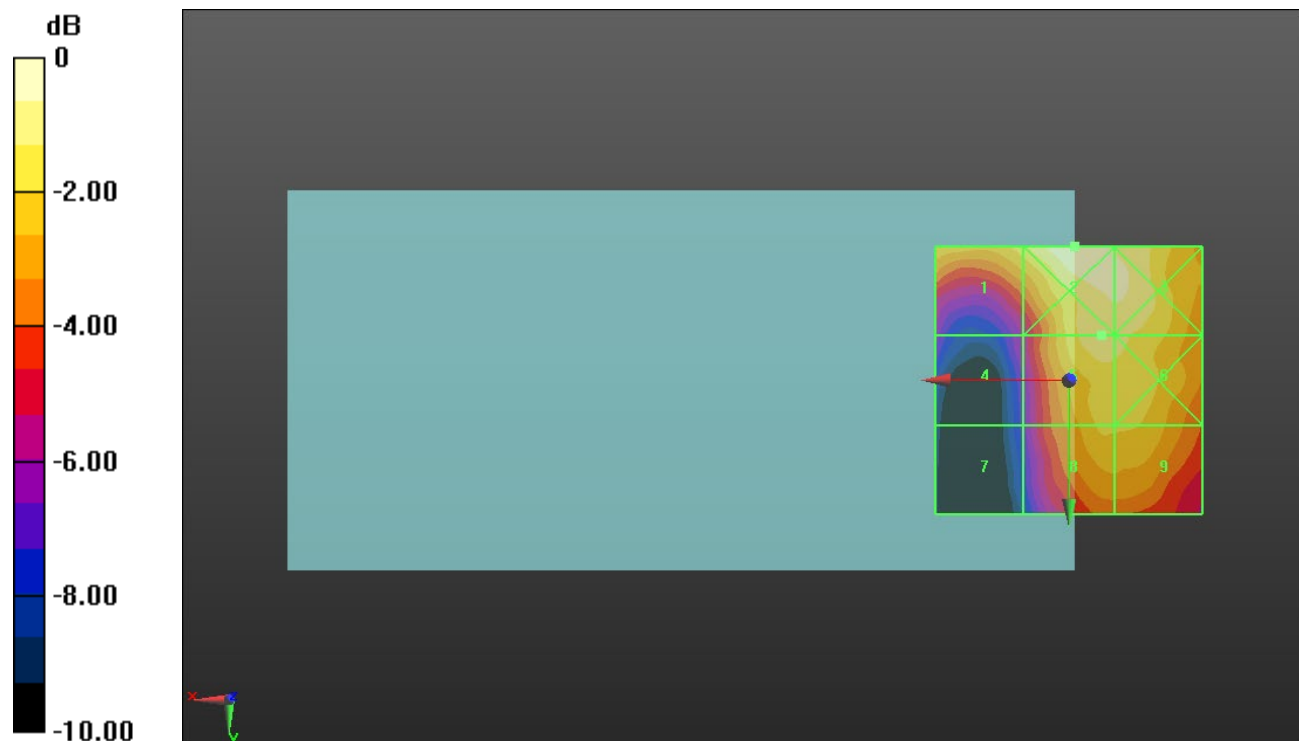
Applied MIF = -1.44 dB

RF audio interference level = 26.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.76 dBV/m	Grid 2 M4 27.31 dBV/m	Grid 3 M4 26.83 dBV/m
Grid 4 M4 21.62 dBV/m	Grid 5 M4 26.46 dBV/m	Grid 6 M4 26.2 dBV/m
Grid 7 M4 20.44 dBV/m	Grid 8 M4 25.45 dBV/m	Grid 9 M4 25.43 dBV/m



0 dB = 23.19 V/m = 27.31 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 = 27.23 V/m; Power Drift = 0.08 dB

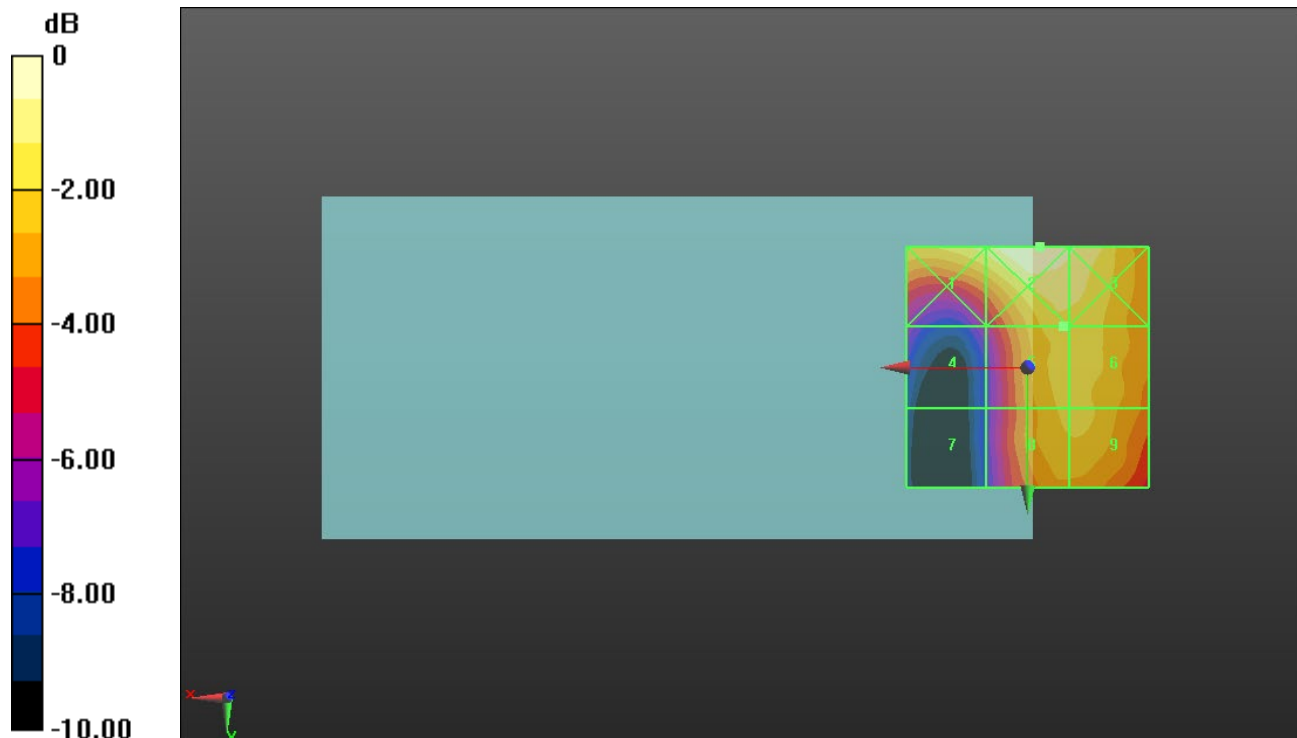
Applied MIF = -1.44 dB

RF audio interference level = 26.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.11 dBV/m	Grid 2 M4 28.02 dBV/m	Grid 3 M4 27.55 dBV/m
Grid 4 M4 22.36 dBV/m	Grid 5 M4 26.52 dBV/m	Grid 6 M4 26.51 dBV/m
Grid 7 M4 20.96 dBV/m	Grid 8 M4 26.18 dBV/m	Grid 9 M4 26.21 dBV/m



0 dB = 25.19 V/m = 28.02 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 = 24.60 V/m; Power Drift = 0.12 dB

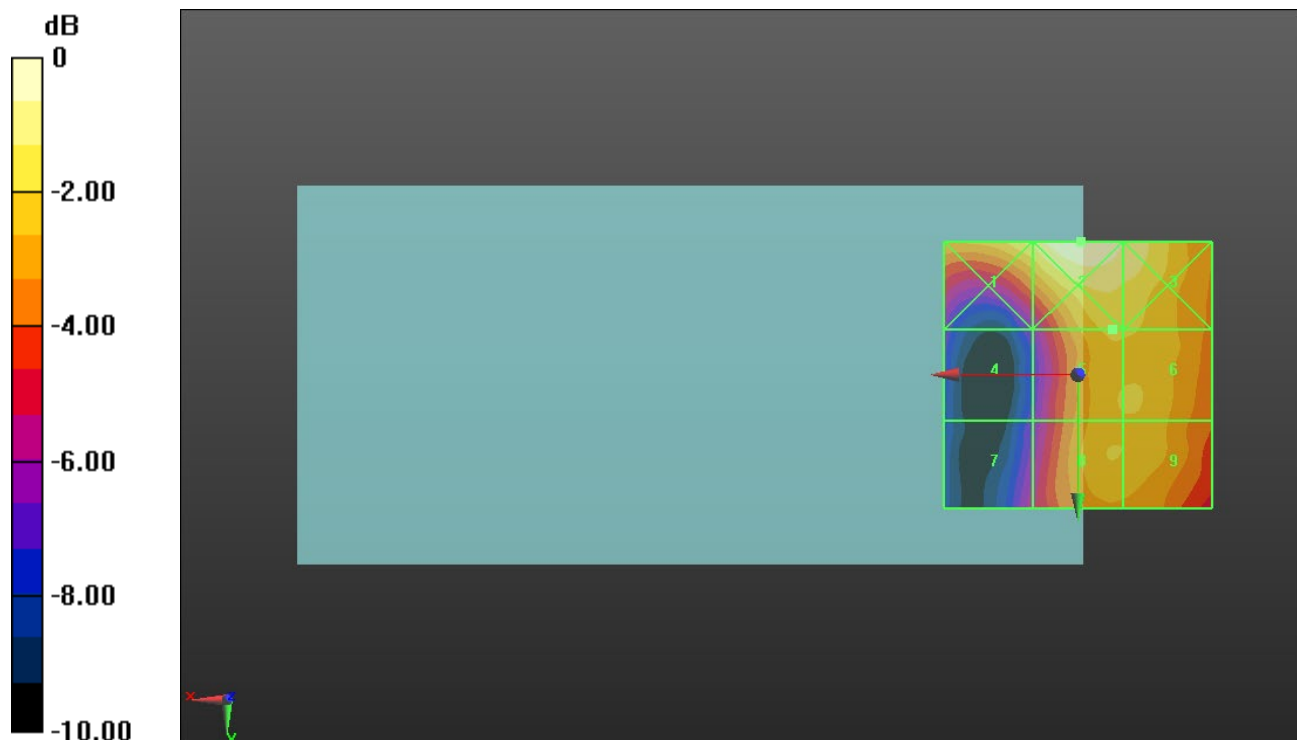
Applied MIF = -1.44 dB

RF audio interference level = 25.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.46 dBV/m	Grid 2 M4 27.44 dBV/m	Grid 3 M4 26.78 dBV/m
Grid 4 M4 21.09 dBV/m	Grid 5 M4 25.6 dBV/m	Grid 6 M4 25.56 dBV/m
Grid 7 M4 21.94 dBV/m	Grid 8 M4 25.48 dBV/m	Grid 9 M4 25.44 dBV/m



0 dB = 23.54 V/m = 27.44 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 = 20.52 V/m; Power Drift = 0.36 dB

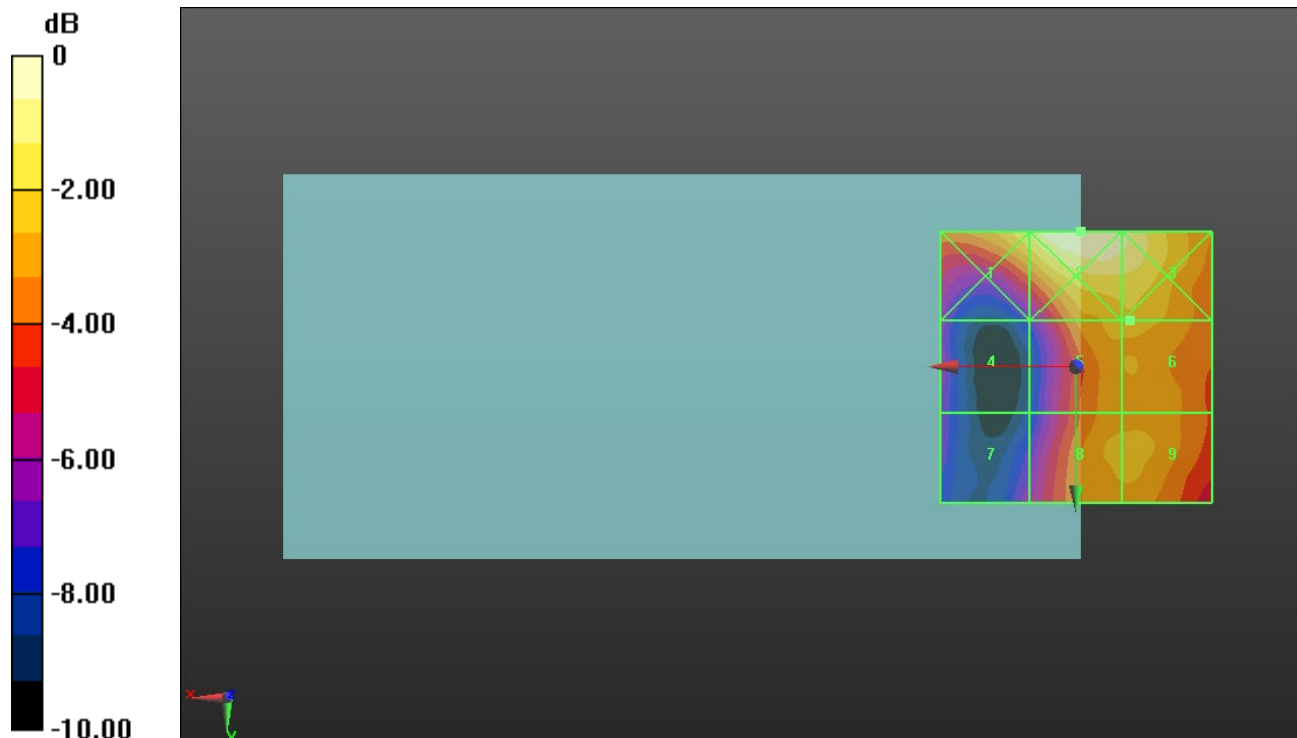
Applied MIF = -1.44 dB

RF audio interference level = 24.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.01 dBV/m	Grid 2 M4 27.14 dBV/m	Grid 3 M4 26.63 dBV/m
Grid 4 M4 21.07 dBV/m	Grid 5 M4 24.85 dBV/m	Grid 6 M4 24.9 dBV/m
Grid 7 M4 21.11 dBV/m	Grid 8 M4 24.68 dBV/m	Grid 9 M4 24.7 dBV/m



0 dB = 22.74 V/m = 27.14 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 = 17.09 V/m; Power Drift = 0.01 dB

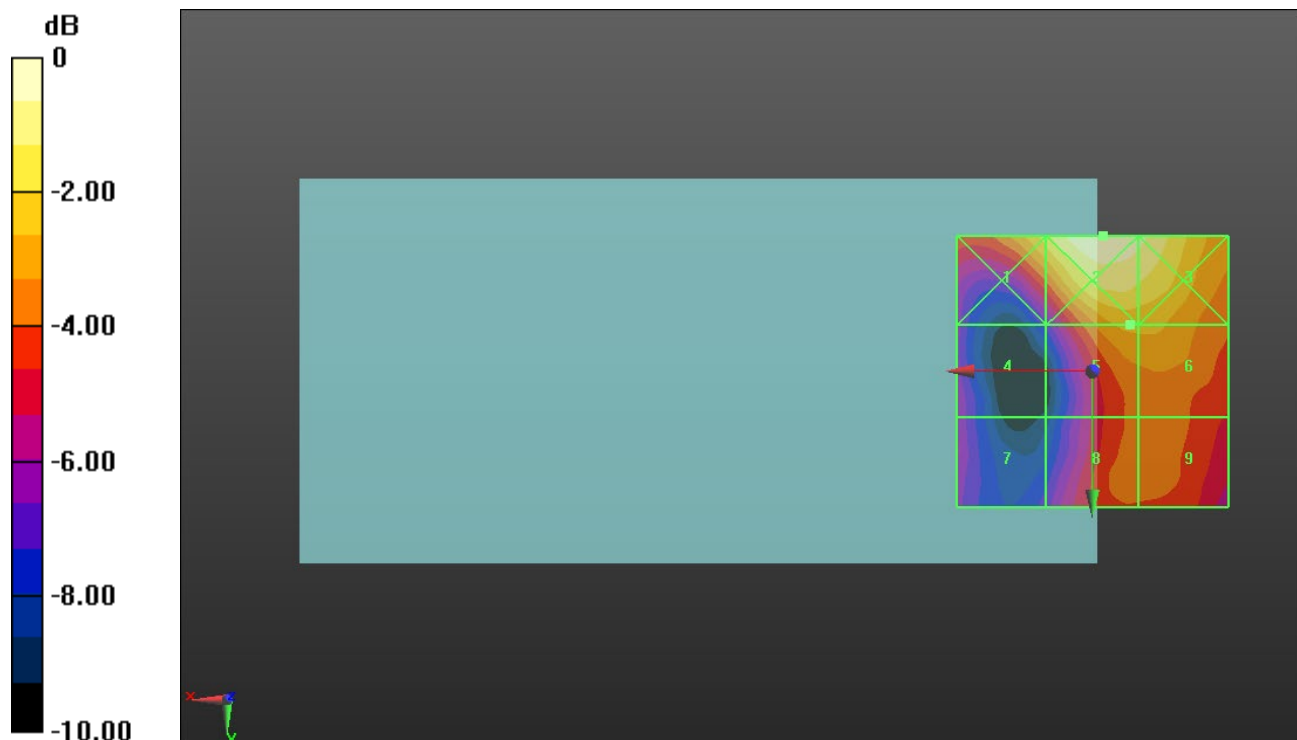
Applied MIF = -1.44 dB

RF audio interference level = 23.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.46 dBV/m	Grid 2 M4 26.07 dBV/m	Grid 3 M4 25.63 dBV/m
Grid 4 M4 20.01 dBV/m	Grid 5 M4 23.6 dBV/m	Grid 6 M4 23.57 dBV/m
Grid 7 M4 20.24 dBV/m	Grid 8 M4 22.55 dBV/m	Grid 9 M4 22.72 dBV/m



0 dB = 20.11 V/m = 26.07 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 = 14.00 V/m; Power Drift = -0.15 dB

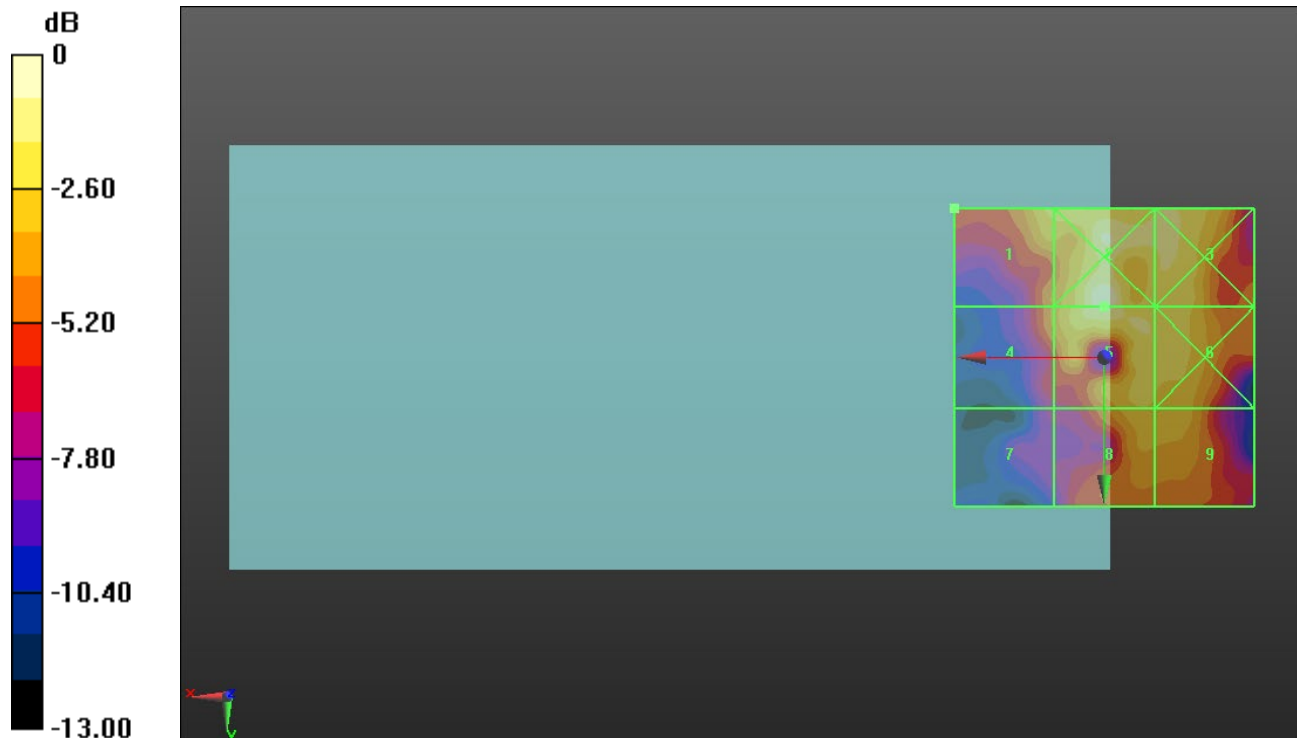
Applied MIF = -2.02 dB

RF audio interference level = 19.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.04 dBV/m	Grid 2 M4 20.12 dBV/m	Grid 3 M4 18.59 dBV/m
Grid 4 M4 16.11 dBV/m	Grid 5 M4 19.66 dBV/m	Grid 6 M4 18.28 dBV/m
Grid 7 M4 12.8 dBV/m	Grid 8 M4 17.52 dBV/m	Grid 9 M4 17.28 dBV/m



0 dB = 10.14 V/m = 20.12 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 = 13.90 V/m; Power Drift = 0.04 dB

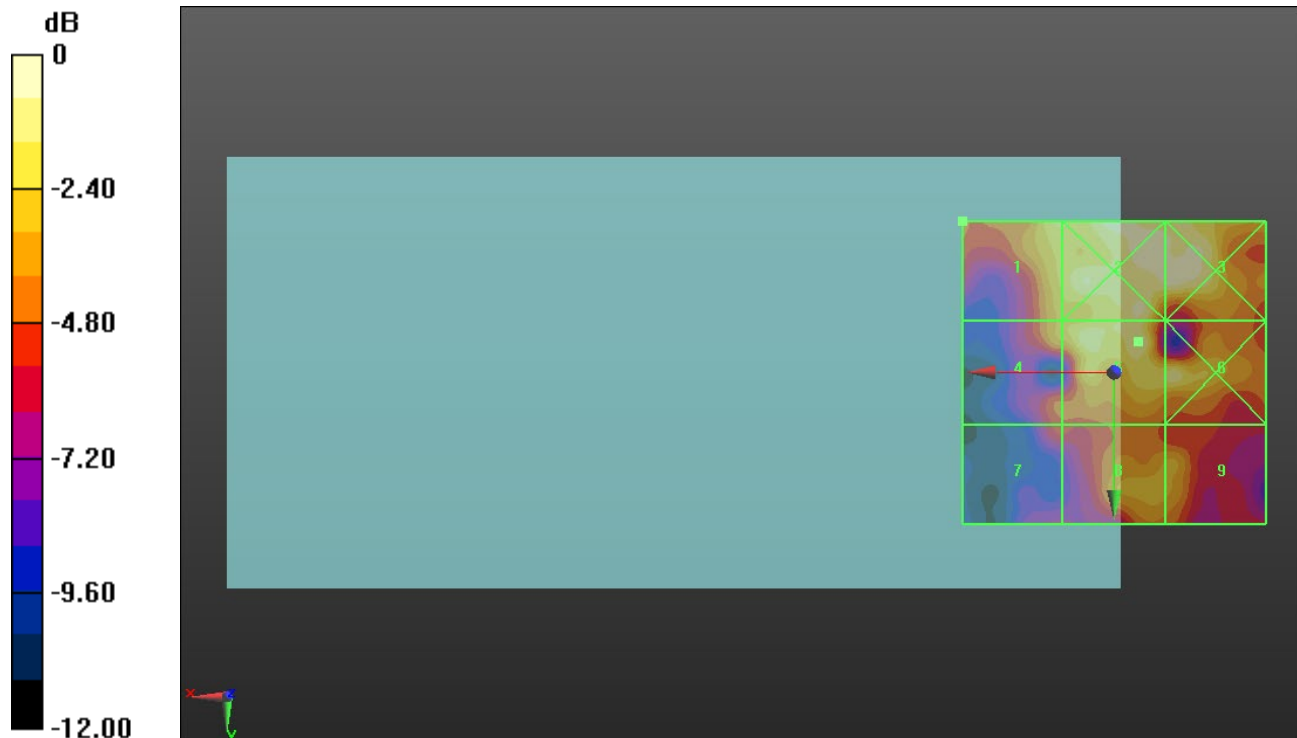
Applied MIF = -2.02 dB

RF audio interference level = 18.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.66 dBV/m	Grid 2 M4 18.98 dBV/m	Grid 3 M4 19.03 dBV/m
Grid 4 M4 16.35 dBV/m	Grid 5 M4 18.27 dBV/m	Grid 6 M4 17.98 dBV/m
Grid 7 M4 14.04 dBV/m	Grid 8 M4 16.24 dBV/m	Grid 9 M4 16.15 dBV/m



0 dB = 8.940 V/m = 19.03 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 = 14.29 V/m; Power Drift = -0.06 dB

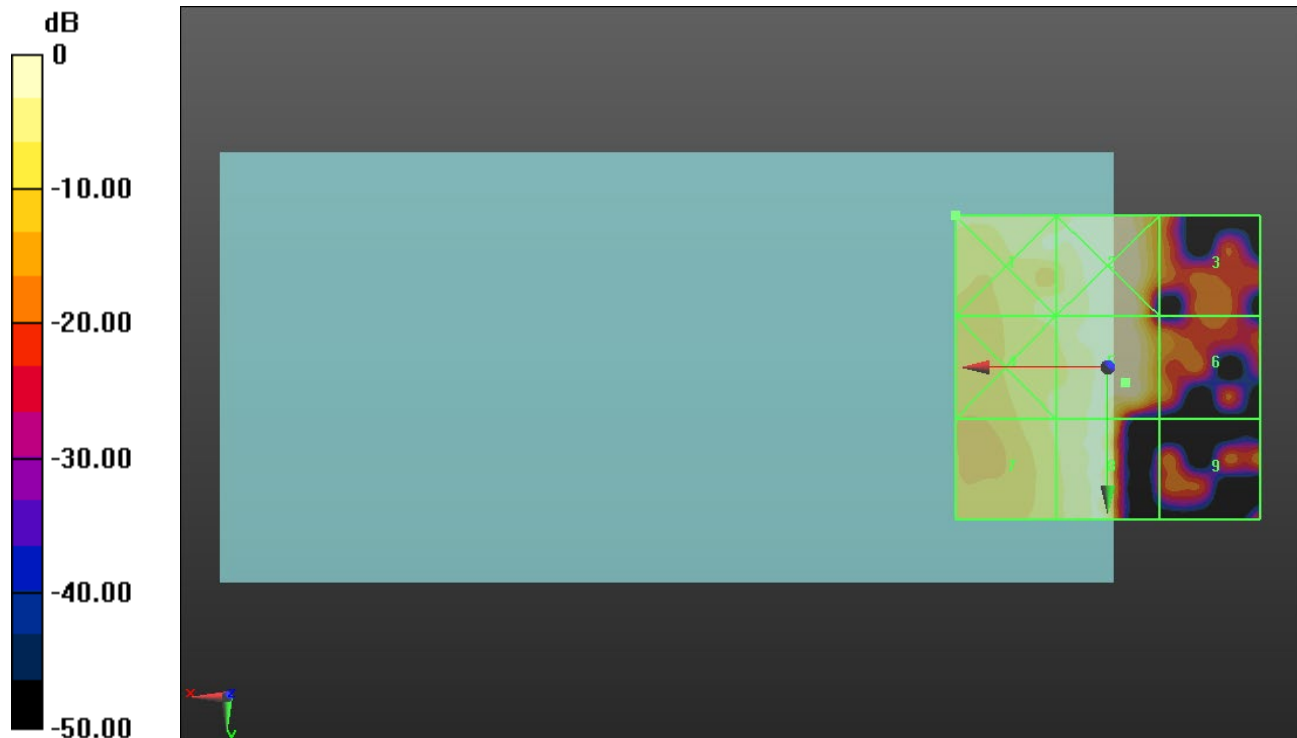
Applied MIF = -2.02 dB

RF audio interference level = 20.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.2 dBV/m	Grid 2 M4 21.01 dBV/m	Grid 3 M4 7.84 dBV/m
Grid 4 M4 15.86 dBV/m	Grid 5 M4 20.71 dBV/m	Grid 6 M4 8.67 dBV/m
Grid 7 M4 14.94 dBV/m	Grid 8 M4 20.42 dBV/m	Grid 9 M4 4.22 dBV/m



0 dB = 11.24 V/m = 21.02 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 = 9.802 V/m; Power Drift = 0.18 dB

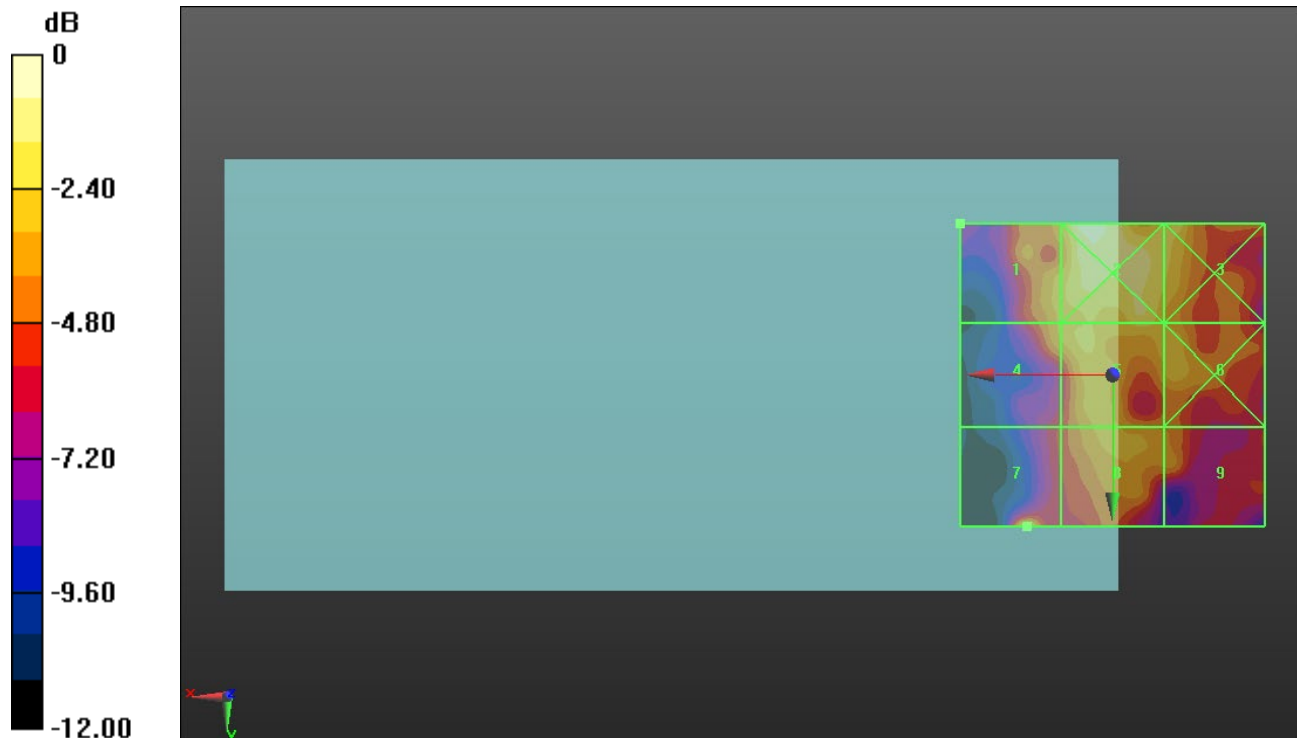
Applied MIF = 0.12 dB

RF audio interference level = 21.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.5 dBV/m	Grid 2 M4 22.12 dBV/m	Grid 3 M4 20.59 dBV/m
Grid 4 M4 19.19 dBV/m	Grid 5 M4 20.04 dBV/m	Grid 6 M4 19.73 dBV/m
Grid 7 M4 21.1 dBV/m	Grid 8 M4 19.23 dBV/m	Grid 9 M4 18.63 dBV/m



0 dB = 12.76 V/m = 22.12 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.24 V/m; Power Drift = 0.11 dB

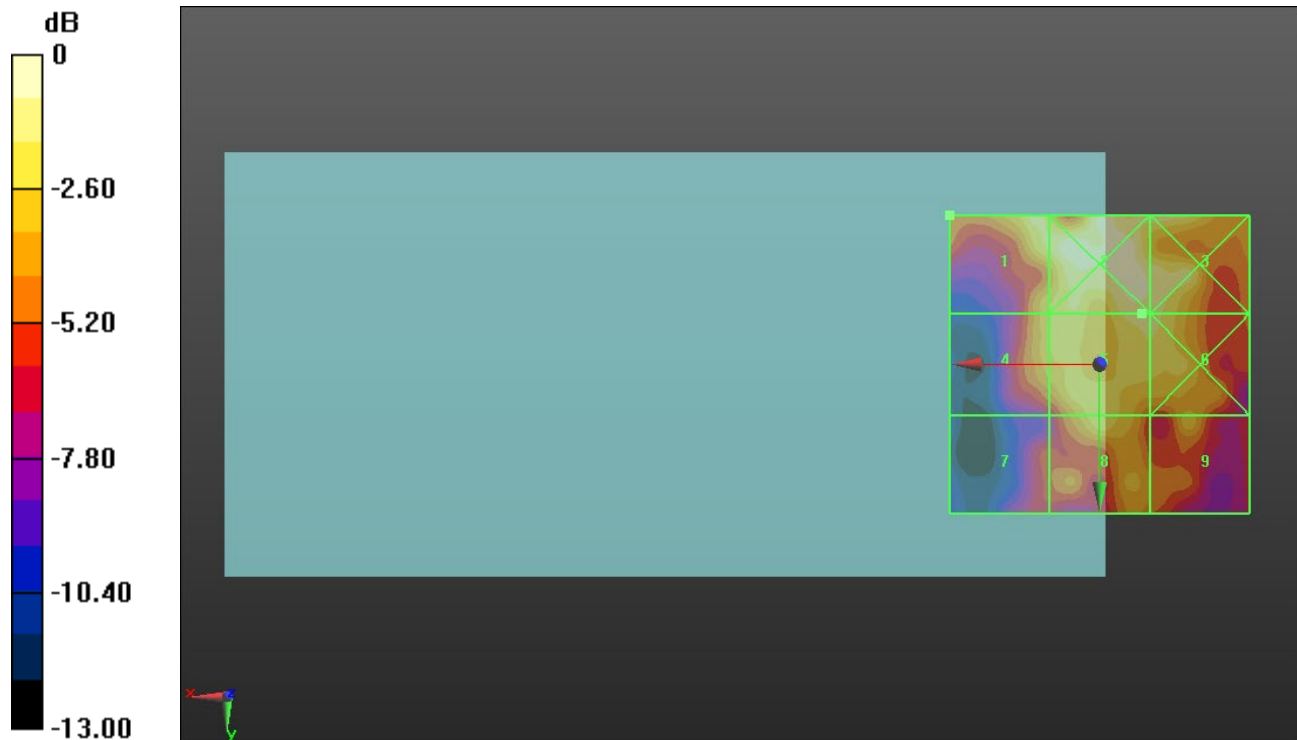
Applied MIF = 0.12 dB

RF audio interference level = 20.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.17 dBV/m	Grid 2 M4 21.49 dBV/m	Grid 3 M4 20.92 dBV/m
Grid 4 M4 18.86 dBV/m	Grid 5 M4 20.3 dBV/m	Grid 6 M4 20.18 dBV/m
Grid 7 M4 16.09 dBV/m	Grid 8 M4 19.61 dBV/m	Grid 9 M4 18.51 dBV/m



0 dB = 11.88 V/m = 21.50 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.21 V/m; Power Drift = -0.18 dB

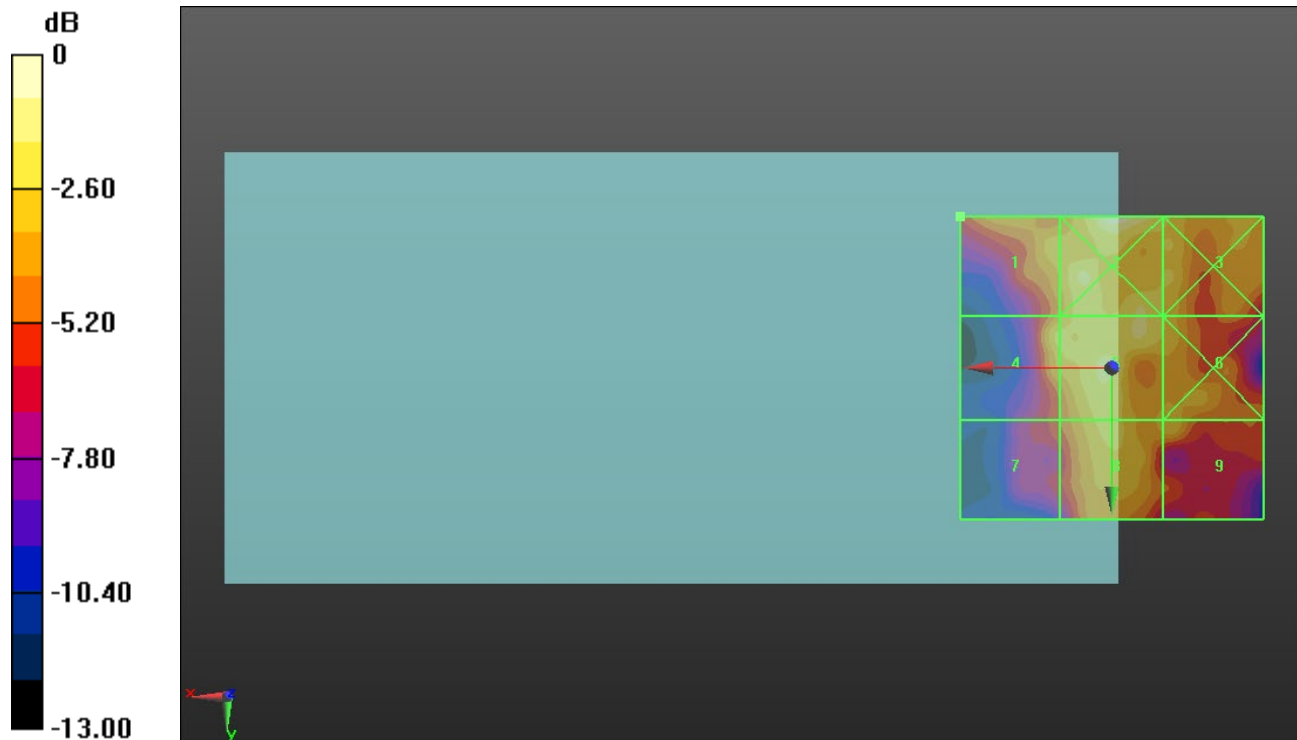
Applied MIF = 0.12 dB

RF audio interference level = 20.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.2 dBV/m	Grid 2 M4 22.05 dBV/m	Grid 3 M4 19.8 dBV/m
Grid 4 M4 19.86 dBV/m	Grid 5 M4 20.64 dBV/m	Grid 6 M4 19.59 dBV/m
Grid 7 M4 16.9 dBV/m	Grid 8 M4 19.87 dBV/m	Grid 9 M4 19.37 dBV/m



0 dB = 12.66 V/m = 22.05 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 = 23.66 V/m; Power Drift = 0.10 dB

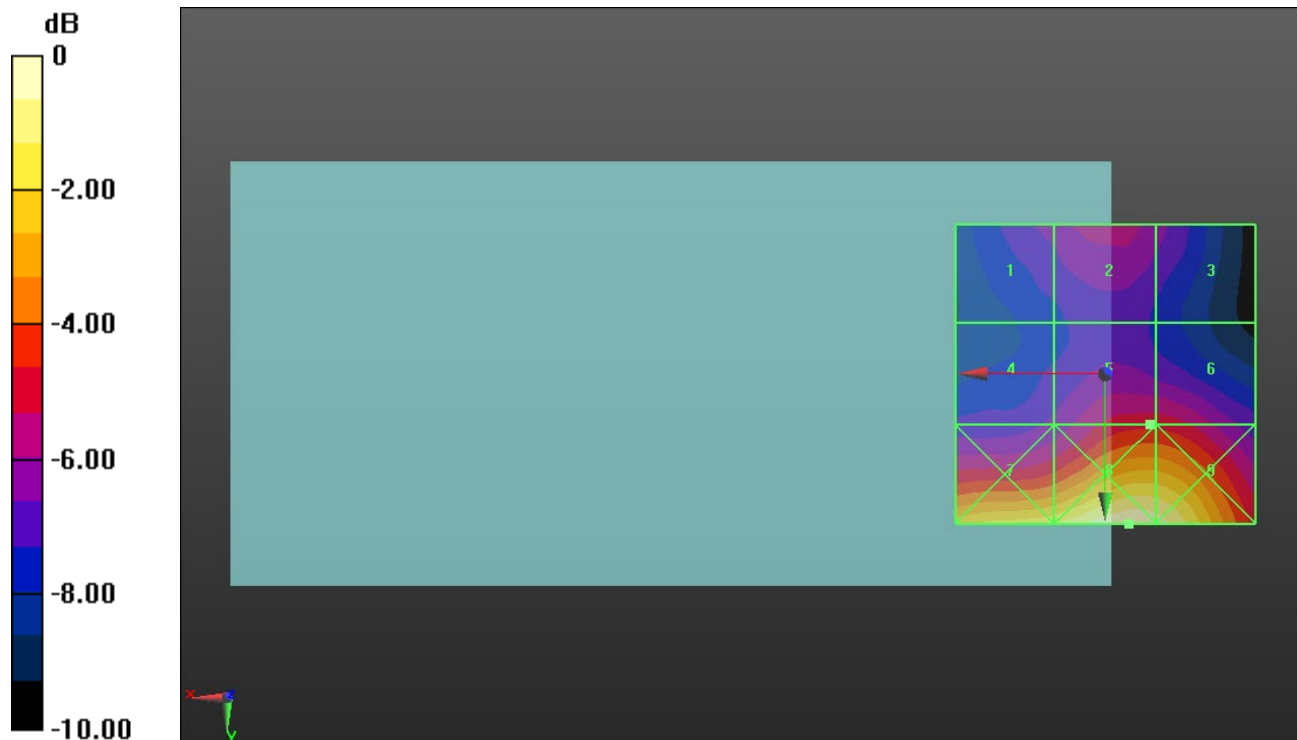
Applied MIF = 3.63 dB

RF audio interference level = 30.13 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.71 dBV/m	Grid 2 M4 29.2 dBV/m	Grid 3 M4 28.63 dBV/m
Grid 4 M4 28.54 dBV/m	Grid 5 M3 30.13 dBV/m	Grid 6 M3 30.12 dBV/m
Grid 7 M3 33.63 dBV/m	Grid 8 M3 34.94 dBV/m	Grid 9 M3 34.65 dBV/m



0 dB = 55.87 V/m = 34.94 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 = 23.60 V/m; Power Drift = -0.01 dB

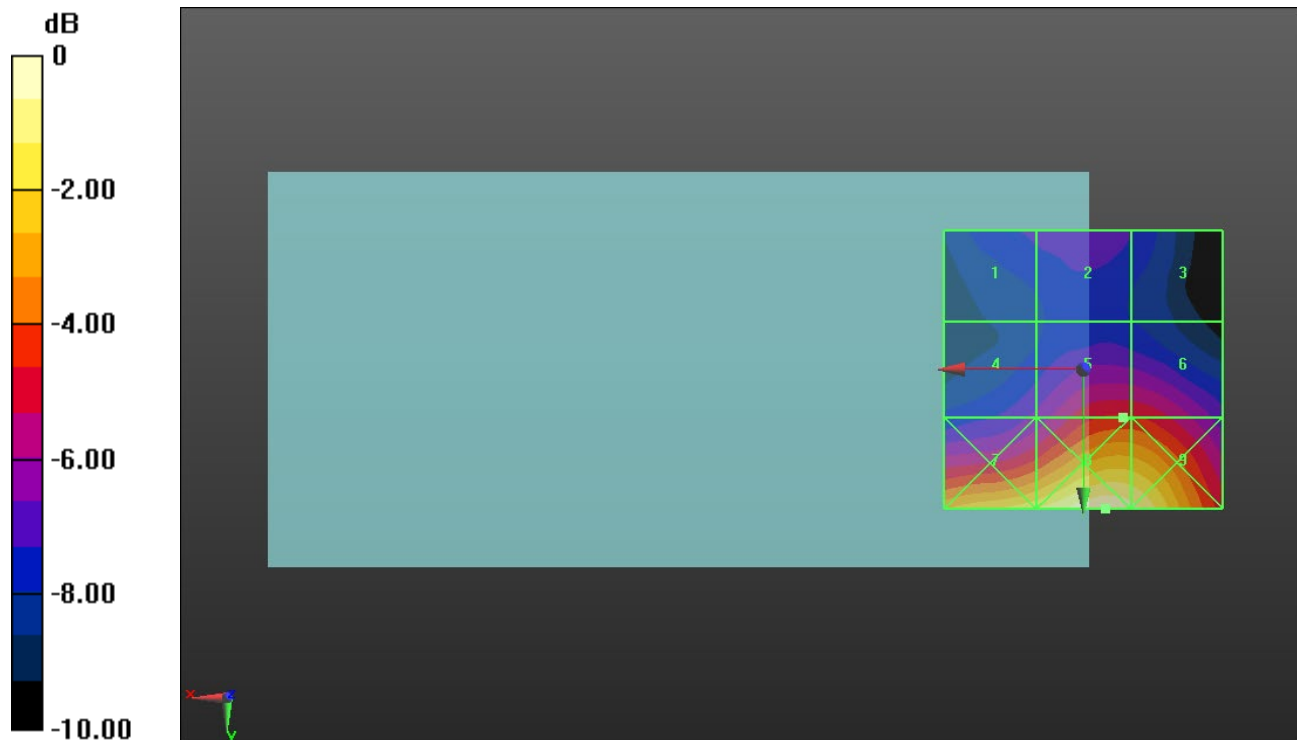
Applied MIF = 3.63 dB

RF audio interference level = 30.57 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.01 dBV/m	Grid 2 M4 28.5 dBV/m	Grid 3 M4 27.87 dBV/m
Grid 4 M4 28.67 dBV/m	Grid 5 M3 30.57 dBV/m	Grid 6 M3 30.55 dBV/m
Grid 7 M3 33.76 dBV/m	Grid 8 M2 35.11 dBV/m	Grid 9 M3 34.75 dBV/m



0 dB = 56.92 V/m = 35.11 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 = 24.16 V/m; Power Drift = -0.08 dB

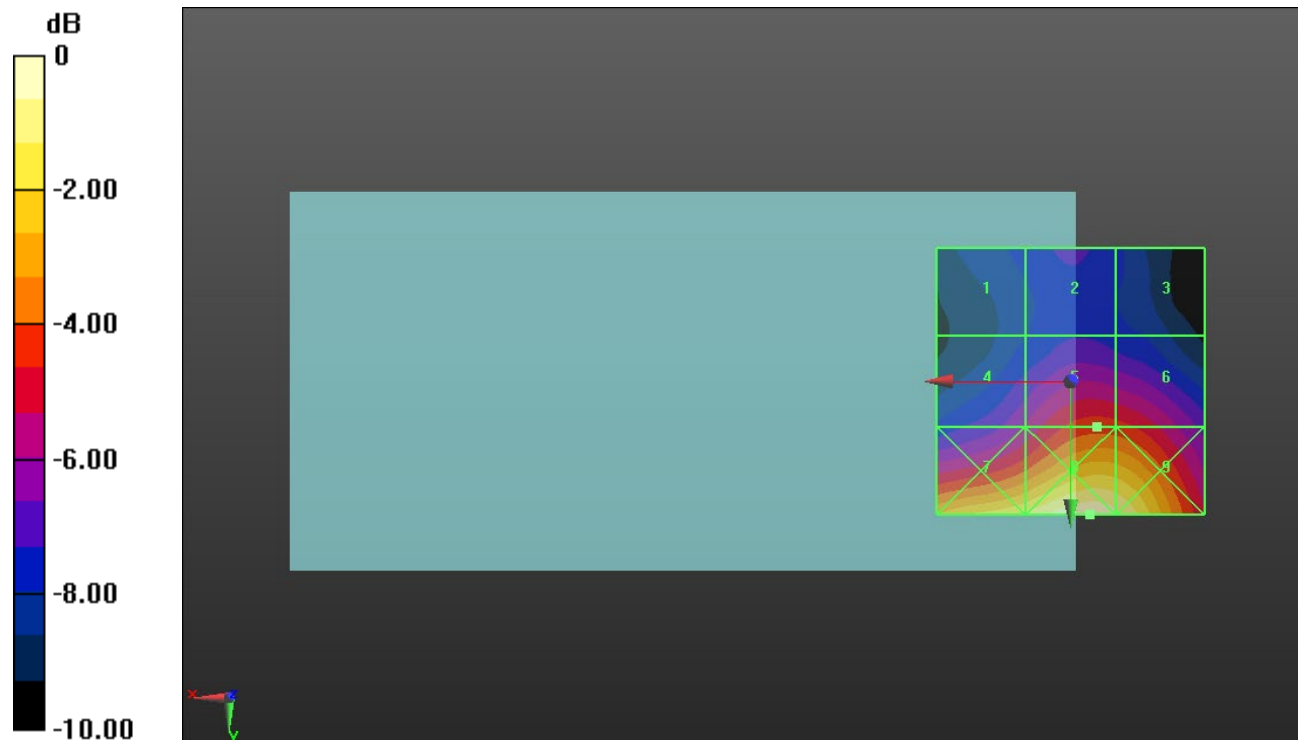
Applied MIF = 3.63 dB

RF audio interference level = 30.51 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.09 dBV/m	Grid 2 M4 27.64 dBV/m	Grid 3 M4 27.14 dBV/m
Grid 4 M4 28.88 dBV/m	Grid 5 M3 30.51 dBV/m	Grid 6 M3 30.42 dBV/m
Grid 7 M3 33.65 dBV/m	Grid 8 M3 34.78 dBV/m	Grid 9 M3 34.32 dBV/m



0 dB = 54.80 V/m = 34.78 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 = 9.389 V/m; Power Drift = 0.14 dB

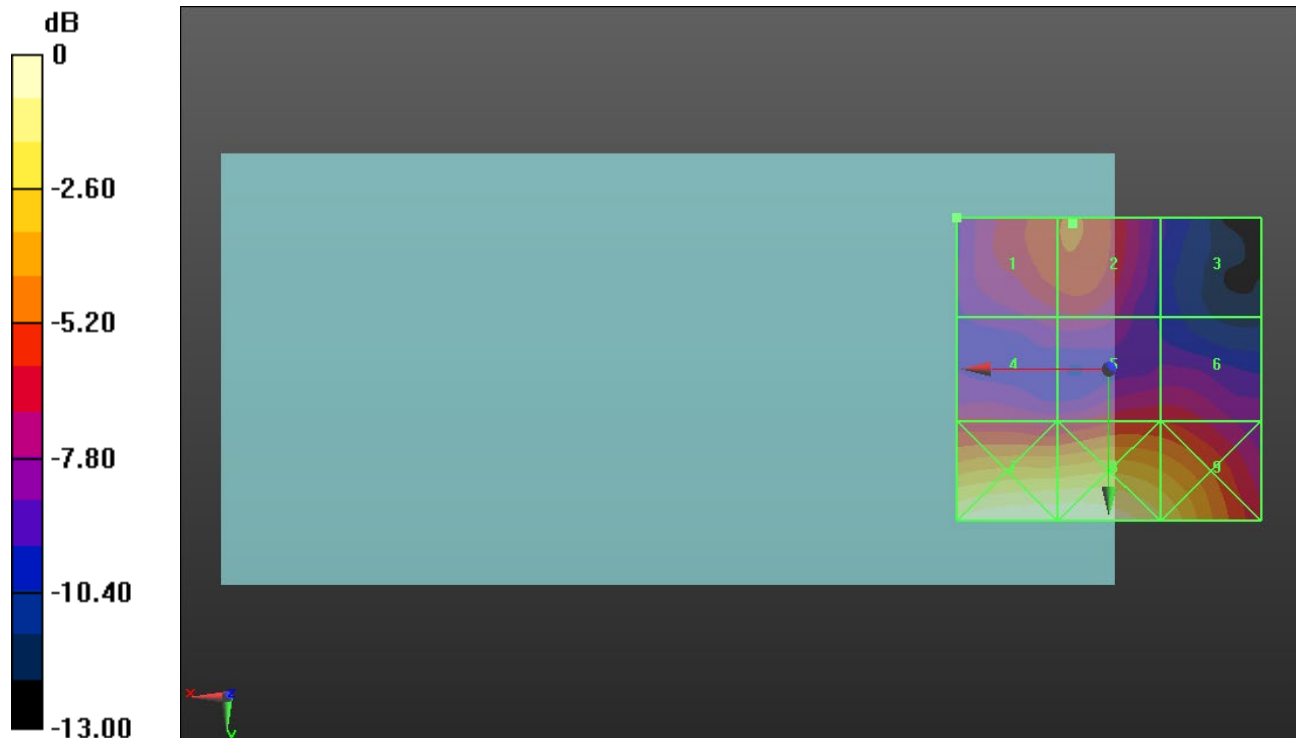
Applied MIF = -1.44 dB

RF audio interference level = 18.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.4 dBV/m	Grid 2 M4 18.54 dBV/m	Grid 3 M4 14.38 dBV/m
Grid 4 M4 16.91 dBV/m	Grid 5 M4 17.58 dBV/m	Grid 6 M4 17.55 dBV/m
Grid 7 M4 23.62 dBV/m	Grid 8 M4 23.6 dBV/m	Grid 9 M4 22.09 dBV/m



0 dB = 15.17 V/m = 23.62 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 = 8.854 V/m; Power Drift = 0.17 dB

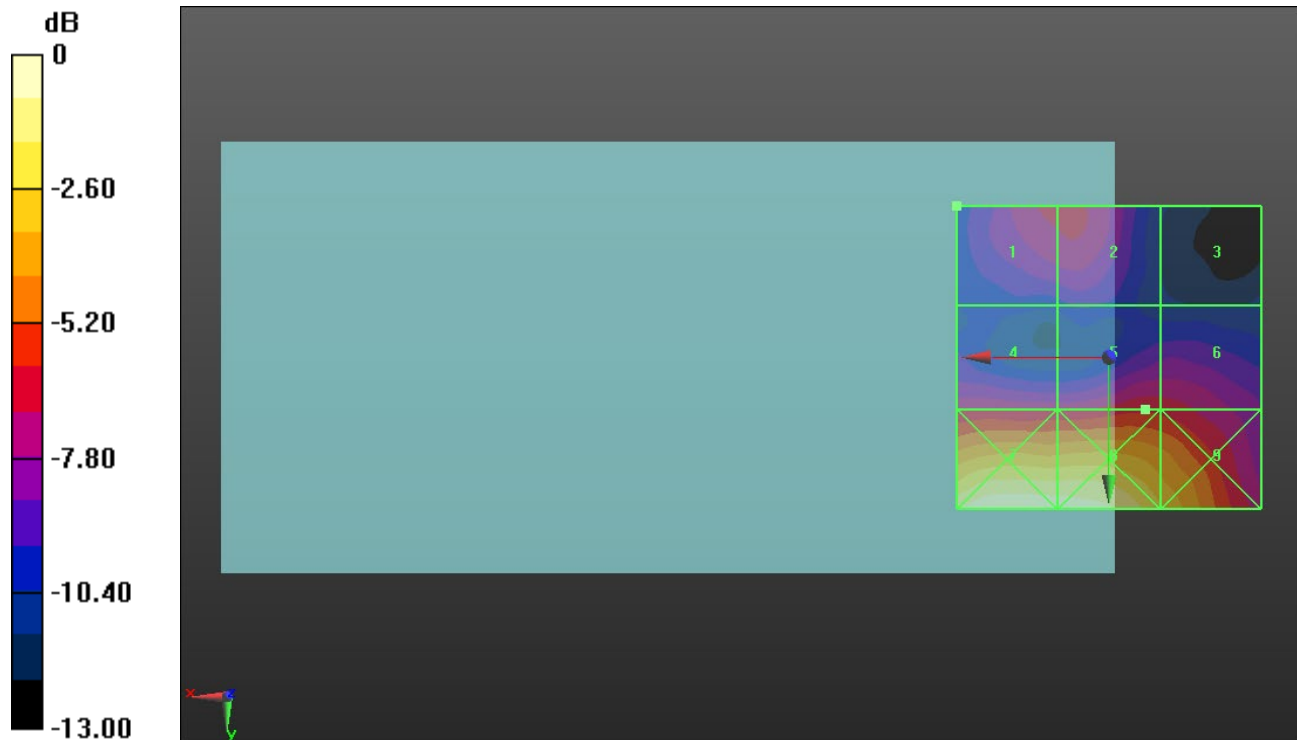
Applied MIF = -1.44 dB

RF audio interference level = 18.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.78 dBV/m	Grid 2 M4 17.8 dBV/m	Grid 3 M4 13.59 dBV/m
Grid 4 M4 17.58 dBV/m	Grid 5 M4 18.19 dBV/m	Grid 6 M4 18.08 dBV/m
Grid 7 M4 24.42 dBV/m	Grid 8 M4 24.17 dBV/m	Grid 9 M4 21.98 dBV/m



0 dB = 16.63 V/m = 24.42 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 = 8.653 V/m; Power Drift = -0.03 dB

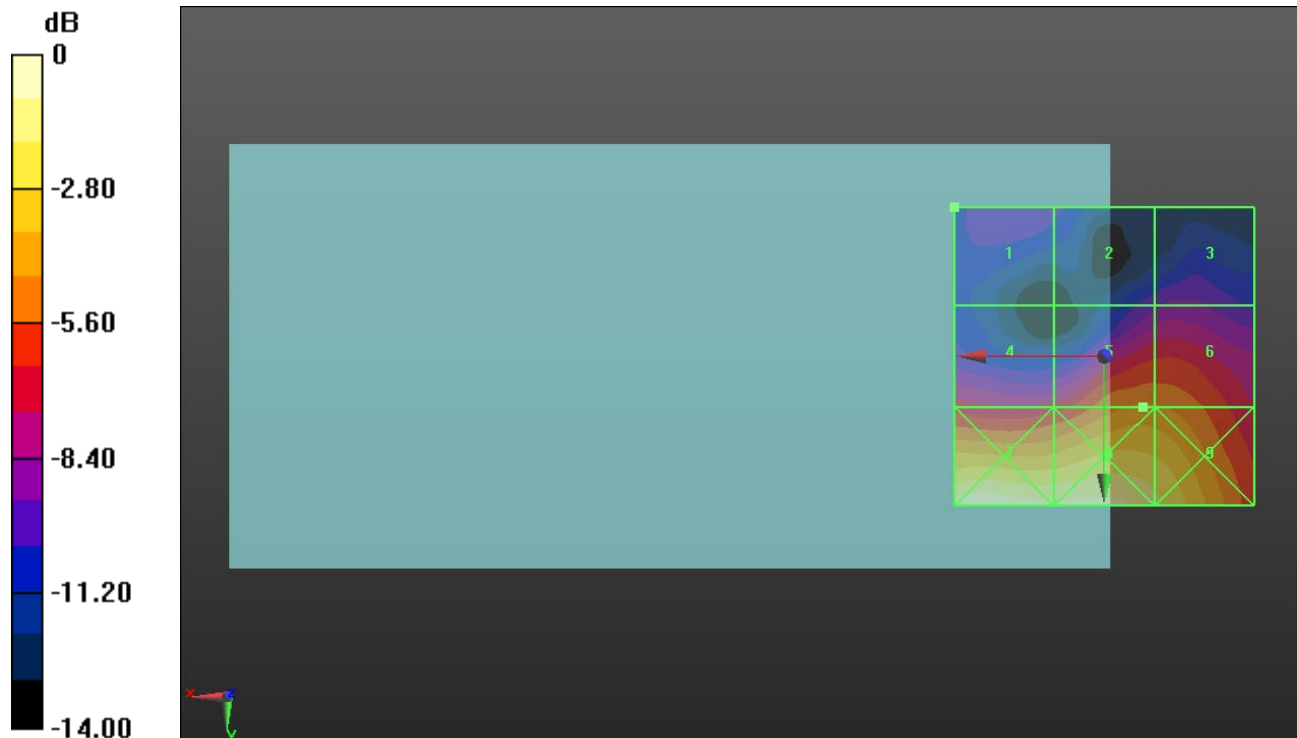
Applied MIF = -1.44 dB

RF audio interference level = 18.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.31 dBV/m	Grid 2 M4 13.3 dBV/m	Grid 3 M4 13.74 dBV/m
Grid 4 M4 15.91 dBV/m	Grid 5 M4 18.25 dBV/m	Grid 6 M4 18.2 dBV/m
Grid 7 M4 22.75 dBV/m	Grid 8 M4 22.18 dBV/m	Grid 9 M4 21.16 dBV/m



0 dB = 13.72 V/m = 22.75 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 = 9.258 V/m; Power Drift = -0.10 dB

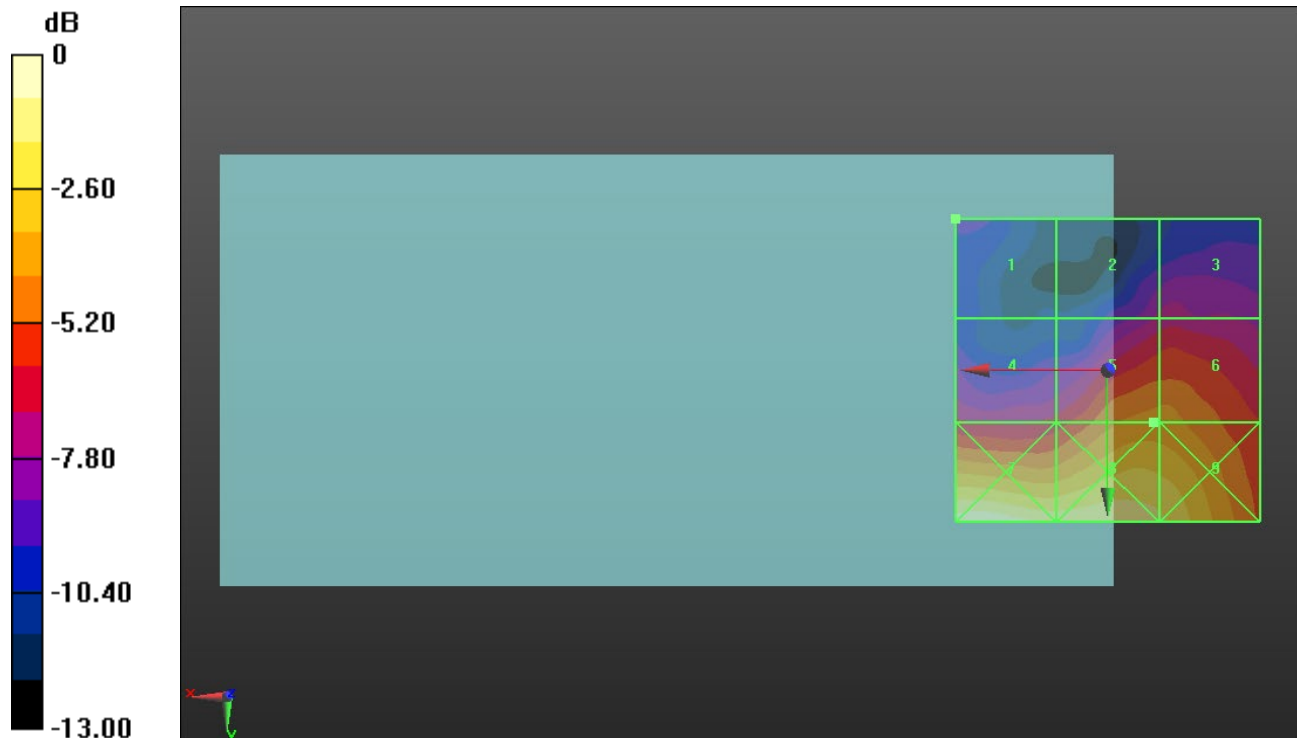
Applied MIF = -1.44 dB

RF audio interference level = 18.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13 dBV/m	Grid 2 M4 14.69 dBV/m	Grid 3 M4 14.96 dBV/m
Grid 4 M4 15.59 dBV/m	Grid 5 M4 18.13 dBV/m	Grid 6 M4 18.11 dBV/m
Grid 7 M4 22.12 dBV/m	Grid 8 M4 21.15 dBV/m	Grid 9 M4 20.61 dBV/m



0 dB = 12.77 V/m = 22.12 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 = 9.573 V/m; Power Drift = -0.08 dB

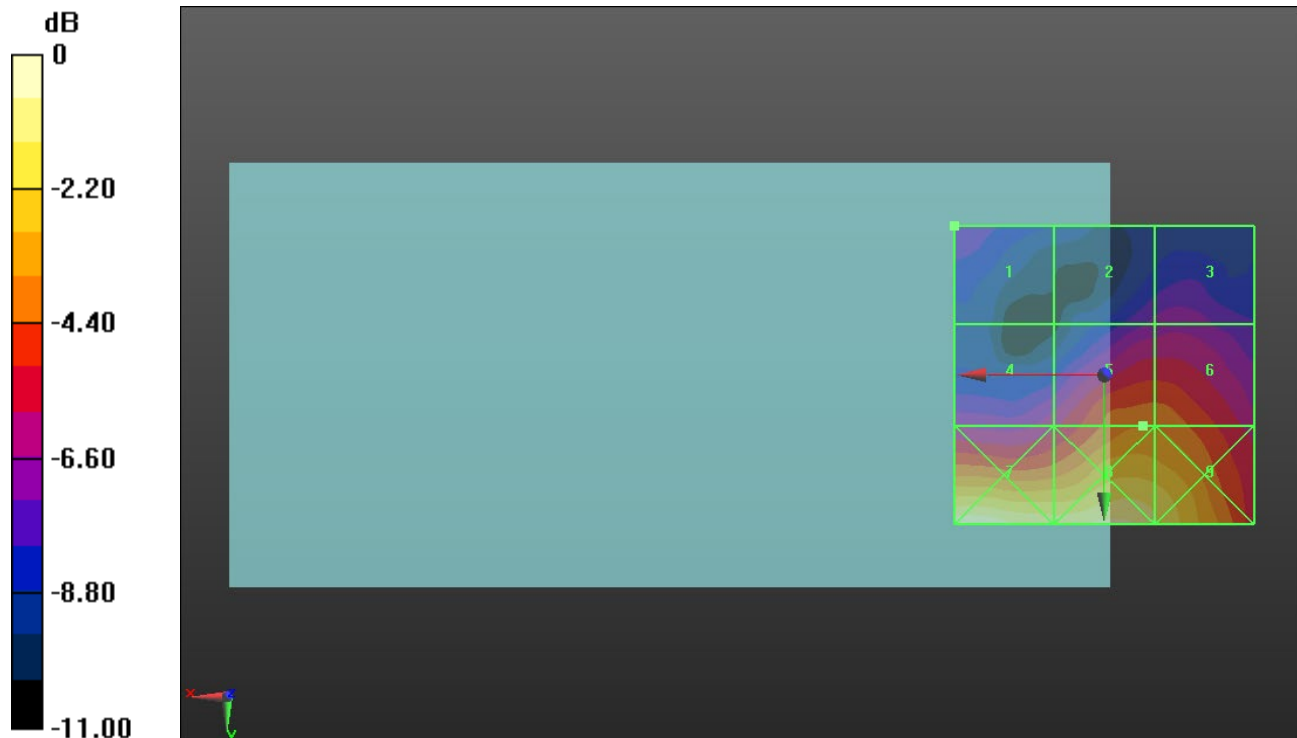
Applied MIF = -1.44 dB

RF audio interference level = 18.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.19 dBV/m	Grid 2 M4 14.68 dBV/m	Grid 3 M4 14.91 dBV/m
Grid 4 M4 15.65 dBV/m	Grid 5 M4 18.01 dBV/m	Grid 6 M4 17.95 dBV/m
Grid 7 M4 21.69 dBV/m	Grid 8 M4 21.22 dBV/m	Grid 9 M4 20.35 dBV/m



0 dB = 12.15 V/m = 21.69 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 = 14.04 V/m; Power Drift = 0.03 dB

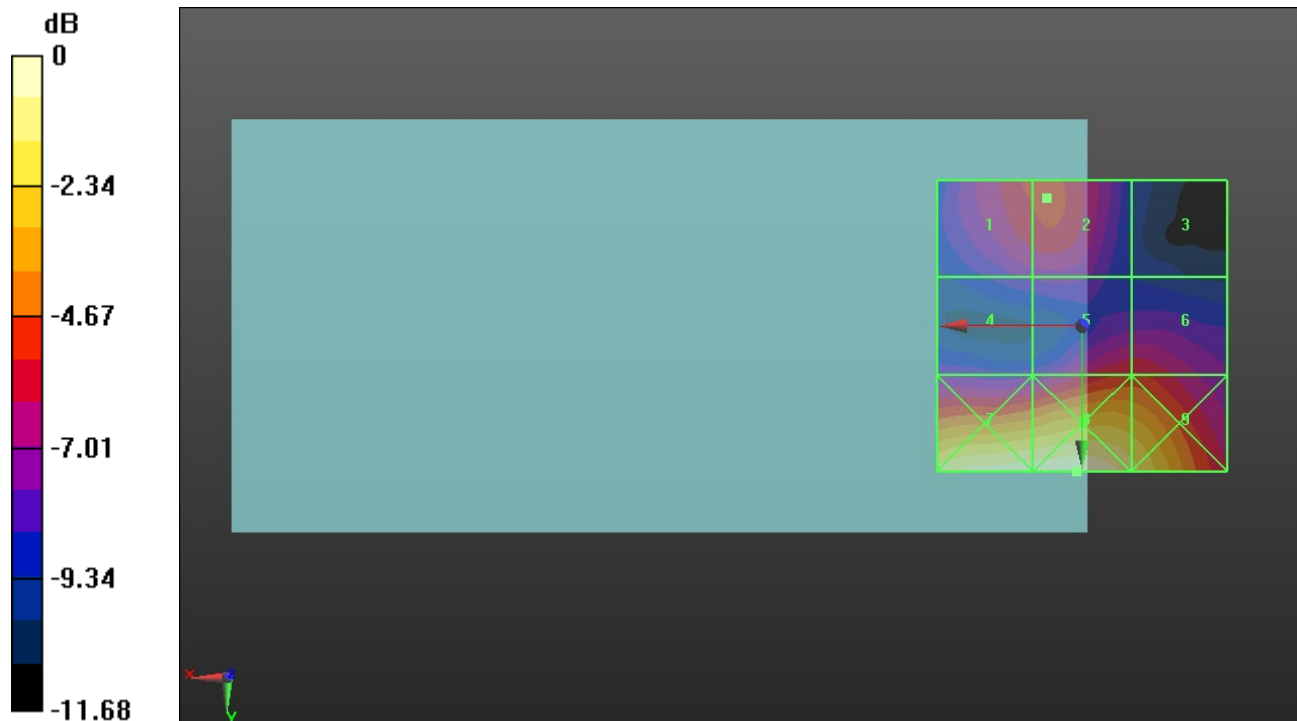
Applied MIF = -1.44 dB

RF audio interference level = 21.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.49 dBV/m	Grid 2 M4 21.58 dBV/m	Grid 3 M4 17.5 dBV/m
Grid 4 M4 19.26 dBV/m	Grid 5 M4 21.46 dBV/m	Grid 6 M4 21.46 dBV/m
Grid 7 M4 26.52 dBV/m	Grid 8 M4 26.73 dBV/m	Grid 9 M4 25.53 dBV/m



0 dB = 21.70 V/m = 26.73 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 = 13.48 V/m; Power Drift = 0.13 dB

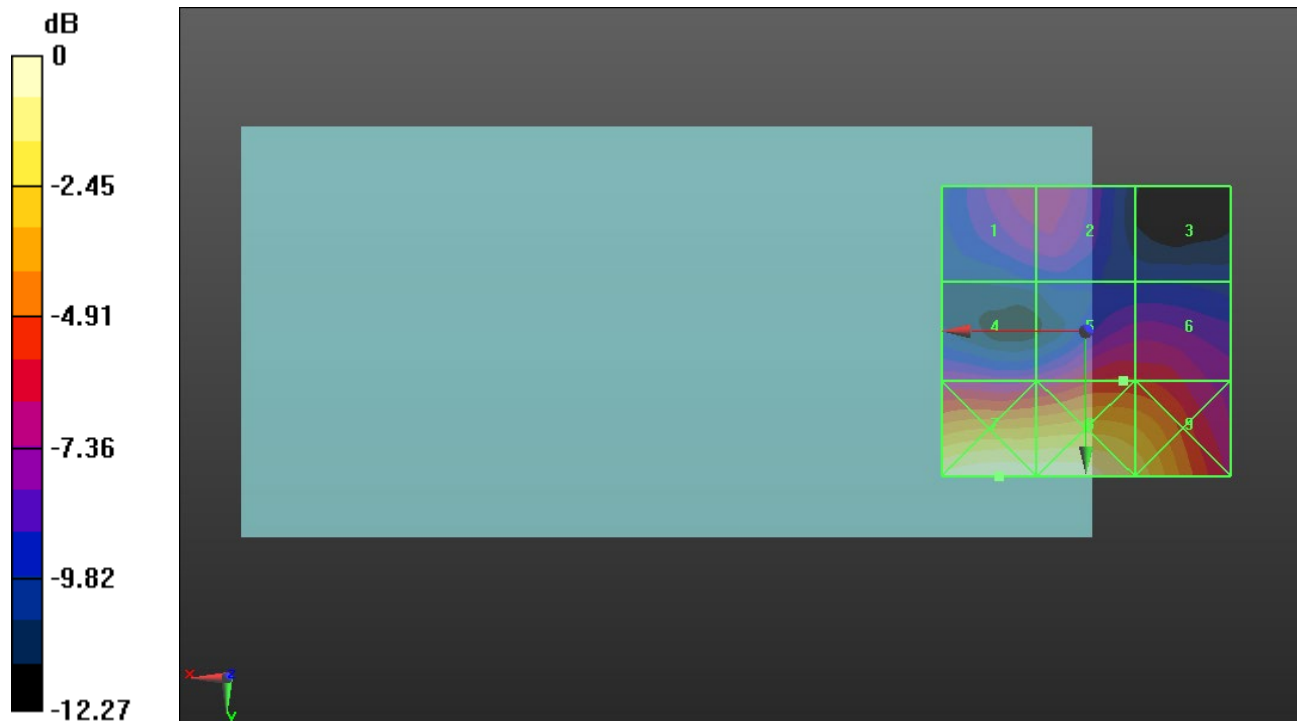
Applied MIF = -1.44 dB

RF audio interference level = 21.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.41 dBV/m	Grid 2 M4 20.41 dBV/m	Grid 3 M4 17.24 dBV/m
Grid 4 M4 19.8 dBV/m	Grid 5 M4 21.54 dBV/m	Grid 6 M4 21.49 dBV/m
Grid 7 M4 27.06 dBV/m	Grid 8 M4 26.94 dBV/m	Grid 9 M4 25.3 dBV/m



0 dB = 22.55 V/m = 27.06 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 14.67 V/m; Power Drift = 0.01 dB

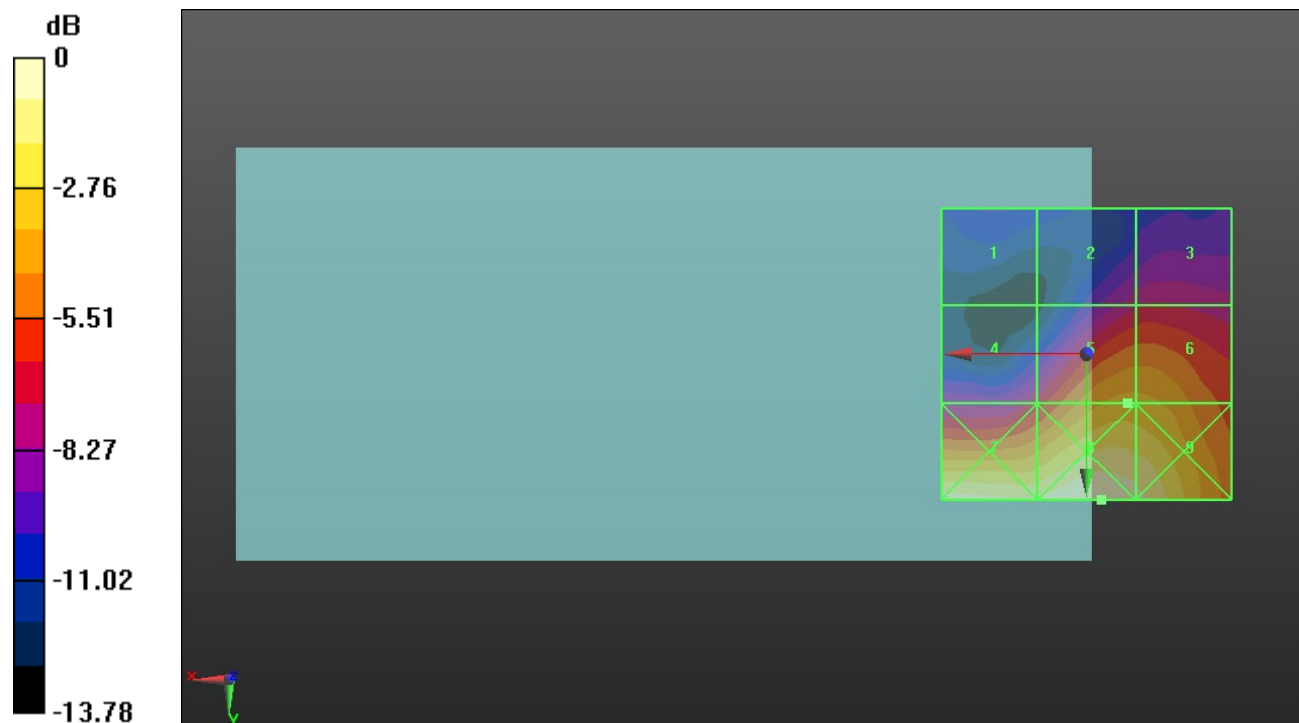
Applied MIF = -1.44 dB

RF audio interference level = 22.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.53 dBV/m	Grid 2 M4 17.97 dBV/m	Grid 3 M4 18.26 dBV/m
Grid 4 M4 18.61 dBV/m	Grid 5 M4 22.19 dBV/m	Grid 6 M4 22.14 dBV/m
Grid 7 M4 25.11 dBV/m	Grid 8 M4 25.51 dBV/m	Grid 9 M4 24.93 dBV/m



0 dB = 18.85 V/m = 25.51 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 = 16.05 V/m; Power Drift = 0.04 dB

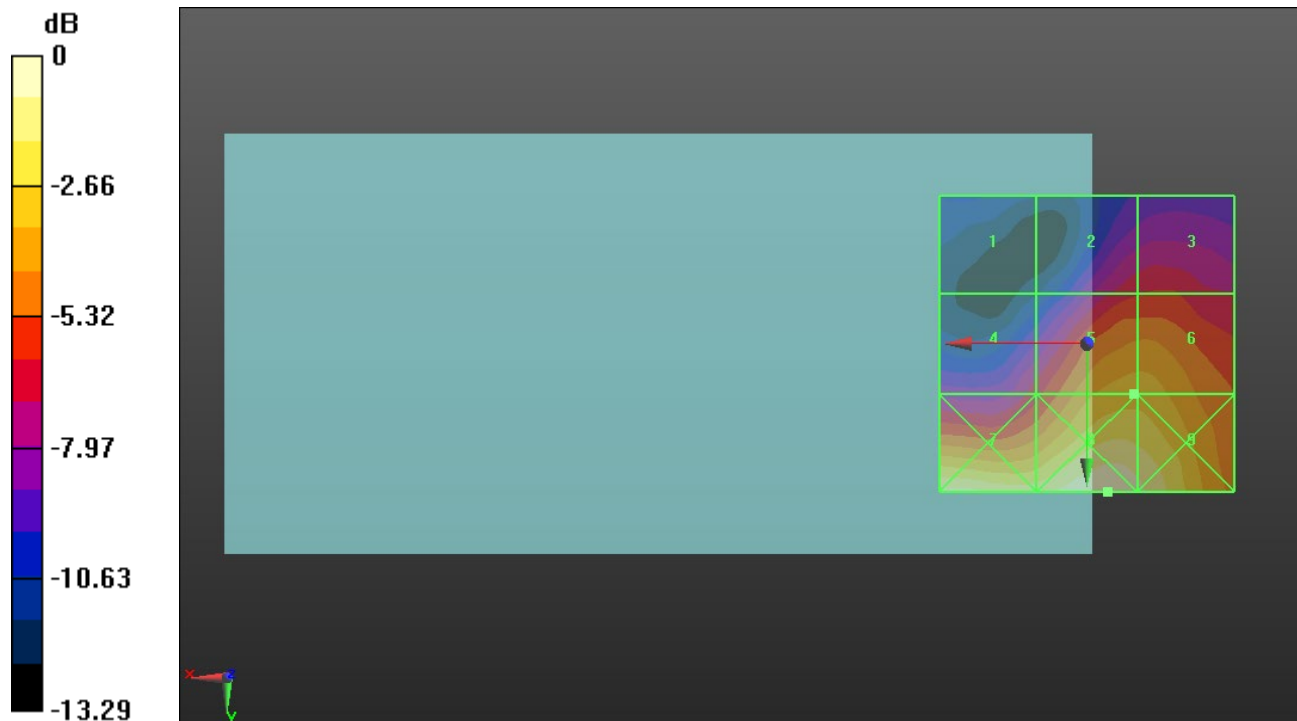
Applied MIF = -1.44 dB

RF audio interference level = 22.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.77 dBV/m	Grid 2 M4 18.87 dBV/m	Grid 3 M4 19.08 dBV/m
Grid 4 M4 18.63 dBV/m	Grid 5 M4 22.12 dBV/m	Grid 6 M4 22.12 dBV/m
Grid 7 M4 24.57 dBV/m	Grid 8 M4 25.13 dBV/m	Grid 9 M4 24.54 dBV/m



0 dB = 18.06 V/m = 25.13 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 = 16.82 V/m; Power Drift = 0.06 dB

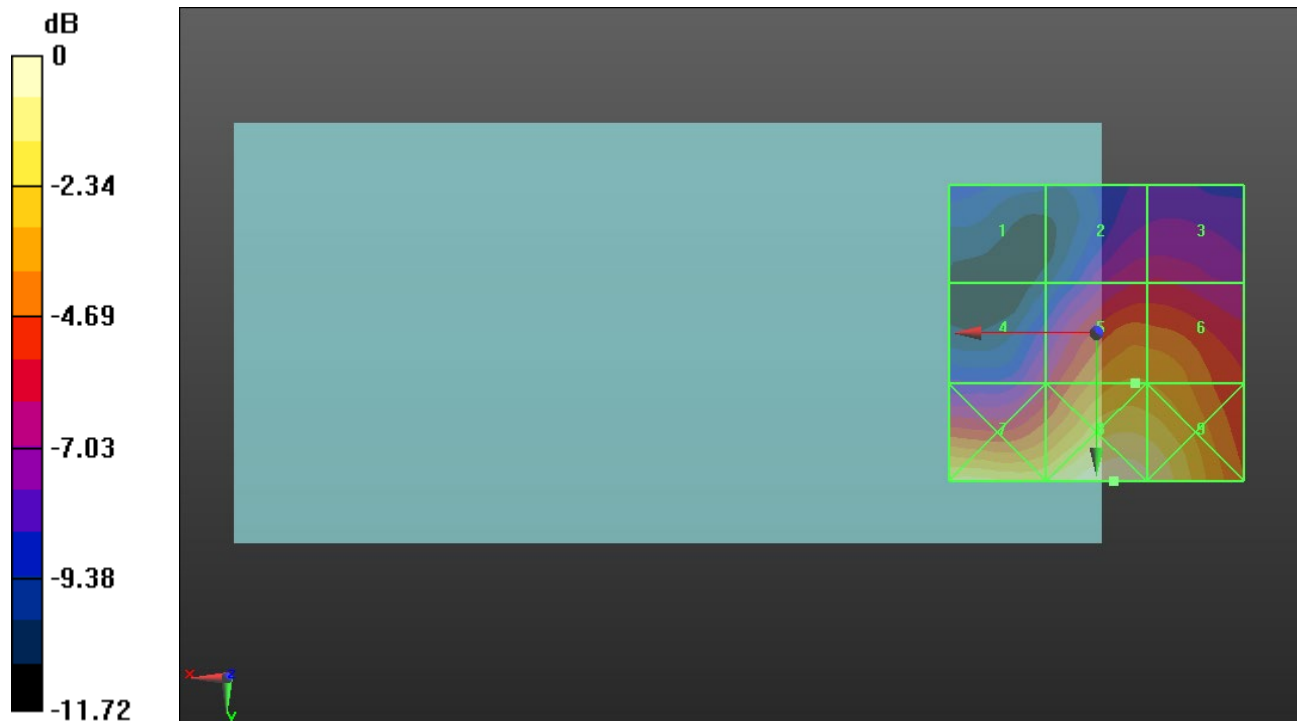
Applied MIF = -1.44 dB

RF audio interference level = 22.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.27 dBV/m	Grid 2 M4 19.08 dBV/m	Grid 3 M4 19.11 dBV/m
Grid 4 M4 18.95 dBV/m	Grid 5 M4 22.25 dBV/m	Grid 6 M4 22.15 dBV/m
Grid 7 M4 24 dBV/m	Grid 8 M4 25.21 dBV/m	Grid 9 M4 24.66 dBV/m



0 dB = 18.22 V/m = 25.21 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.66 V/m; Power Drift = 0.08 dB

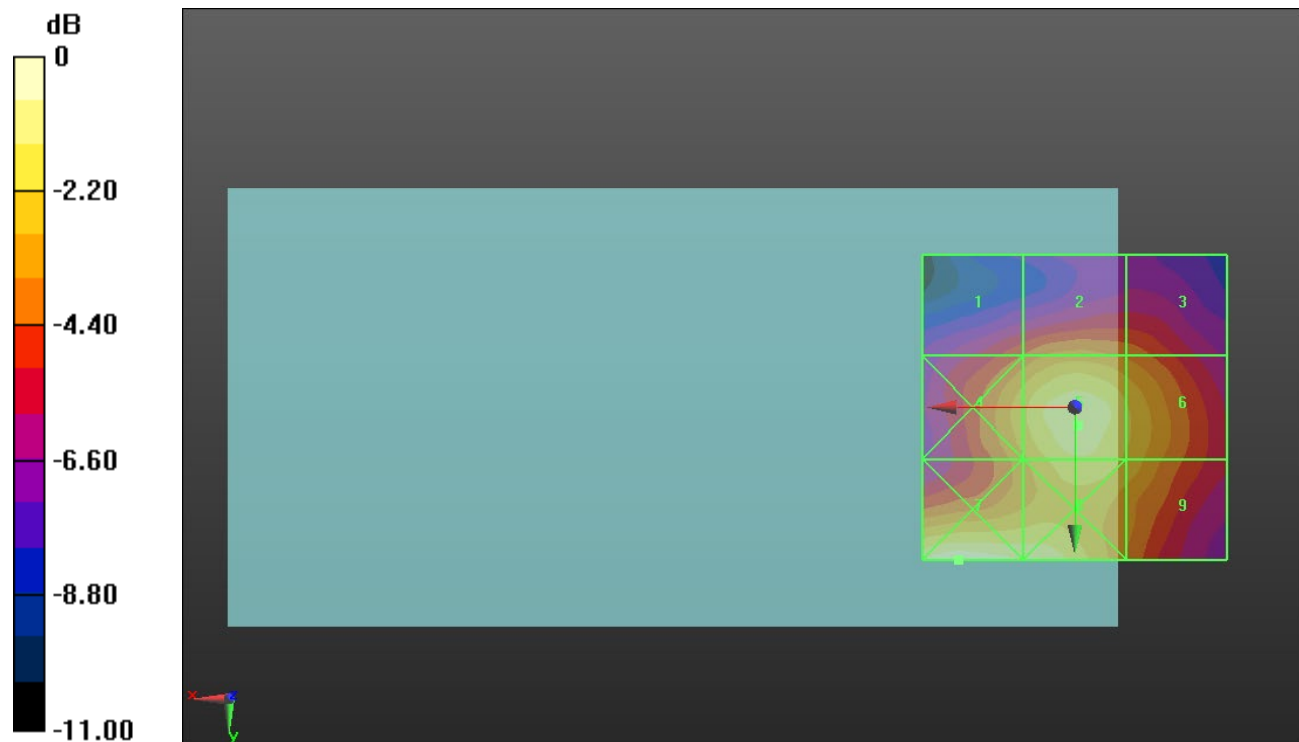
Applied MIF = -1.44 dB

RF audio interference level = 24.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.46 dBV/m	Grid 2 M4 22.5 dBV/m	Grid 3 M4 22 dBV/m
Grid 4 M4 23.44 dBV/m	Grid 5 M4 24.82 dBV/m	Grid 6 M4 23.76 dBV/m
Grid 7 M4 25.78 dBV/m	Grid 8 M4 25.14 dBV/m	Grid 9 M4 23.43 dBV/m



0 dB = 19.46 V/m = 25.78 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 = 29.58 V/m; Power Drift = -0.19 dB

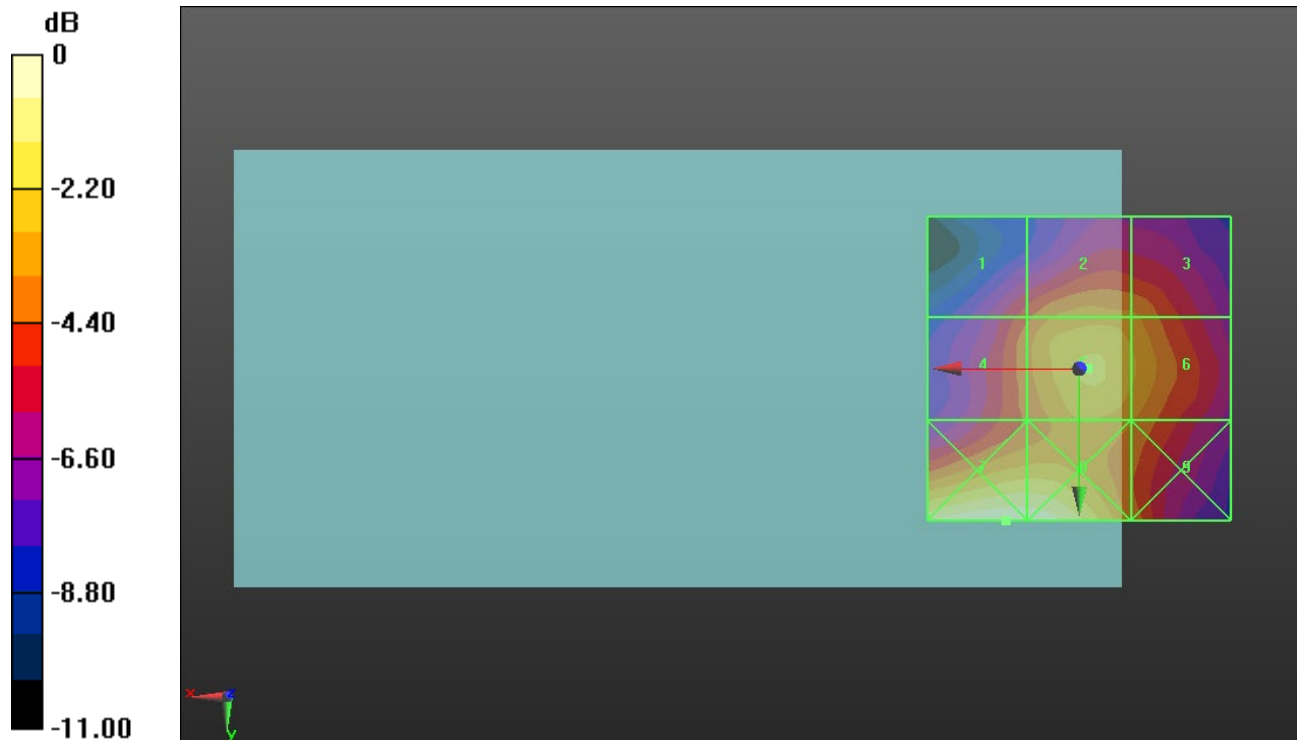
Applied MIF = -1.44 dB

RF audio interference level = 25.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.52 dBV/m	Grid 2 M4 23.87 dBV/m	Grid 3 M4 23.6 dBV/m
Grid 4 M4 23.26 dBV/m	Grid 5 M4 25.02 dBV/m	Grid 6 M4 24.32 dBV/m
Grid 7 M4 27.07 dBV/m	Grid 8 M4 26.96 dBV/m	Grid 9 M4 23.5 dBV/m



0 dB = 22.57 V/m = 27.07 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 = 25.07 V/m; Power Drift = -0.16 dB

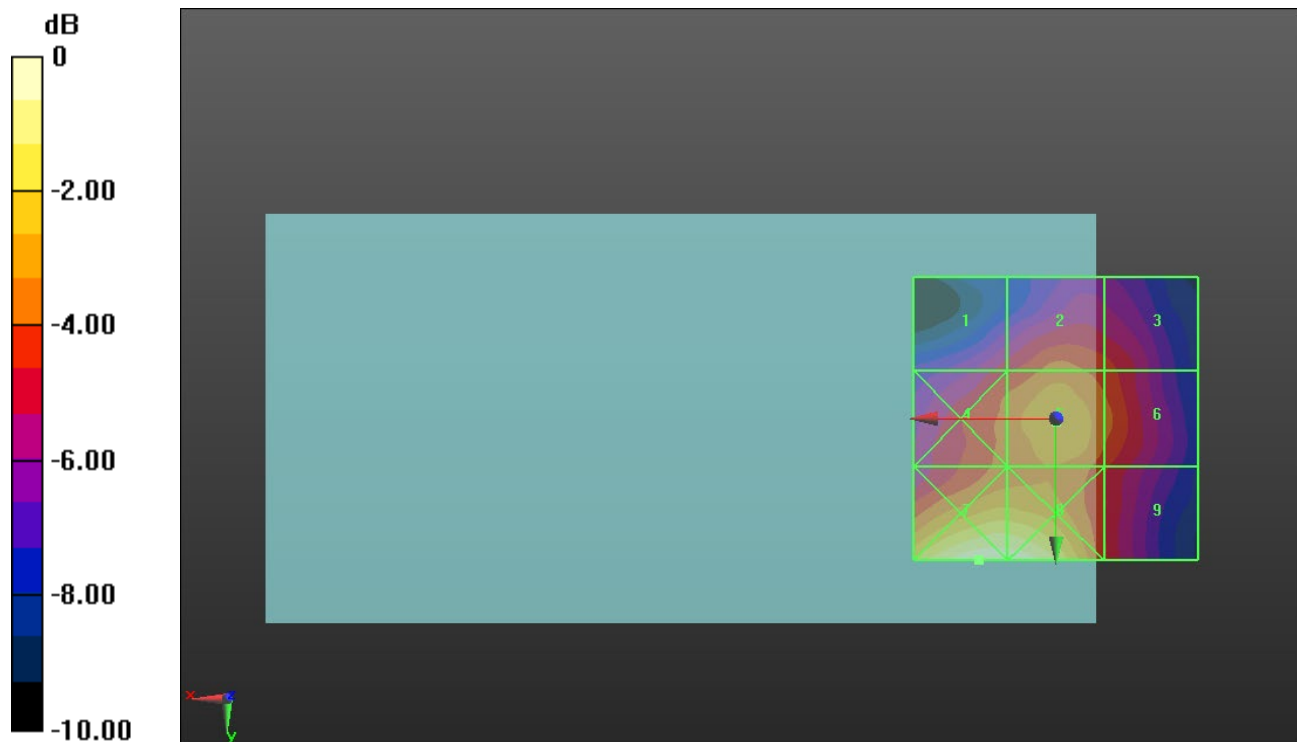
Applied MIF = -1.44 dB

RF audio interference level = 23.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.83 dBV/m	Grid 2 M4 22.97 dBV/m	Grid 3 M4 22.34 dBV/m
Grid 4 M4 22.98 dBV/m	Grid 5 M4 23.96 dBV/m	Grid 6 M4 22.96 dBV/m
Grid 7 M4 26.65 dBV/m	Grid 8 M4 26.5 dBV/m	Grid 9 M4 22.22 dBV/m



0 dB = 21.50 V/m = 26.65 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 = 25.81 V/m; Power Drift = -0.14 dB

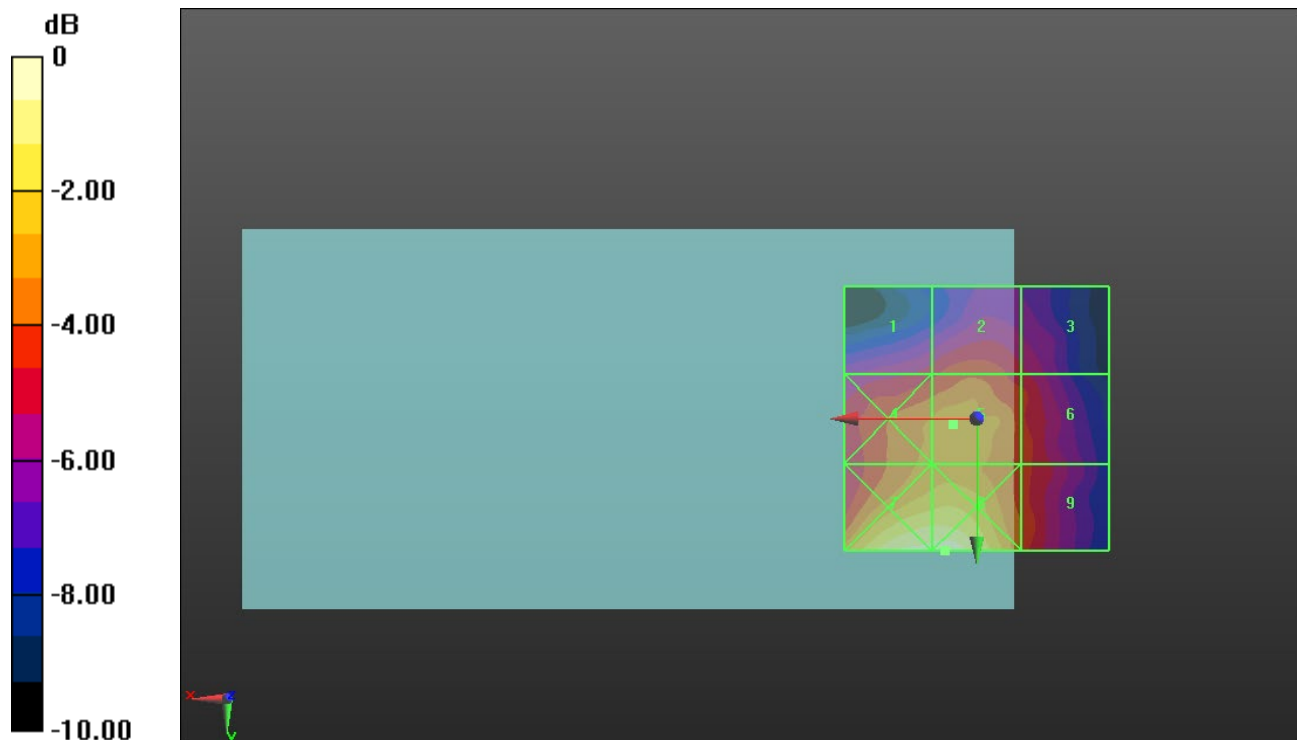
Applied MIF = -1.44 dB

RF audio interference level = 24.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.55 dBV/m	Grid 2 M4 23.3 dBV/m	Grid 3 M4 22.34 dBV/m
Grid 4 M4 24.35 dBV/m	Grid 5 M4 24.62 dBV/m	Grid 6 M4 23.24 dBV/m
Grid 7 M4 27.11 dBV/m	Grid 8 M4 27.43 dBV/m	Grid 9 M4 23.48 dBV/m



0 dB = 23.53 V/m = 27.43 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 = 13.15 V/m; Power Drift = -0.16 dB

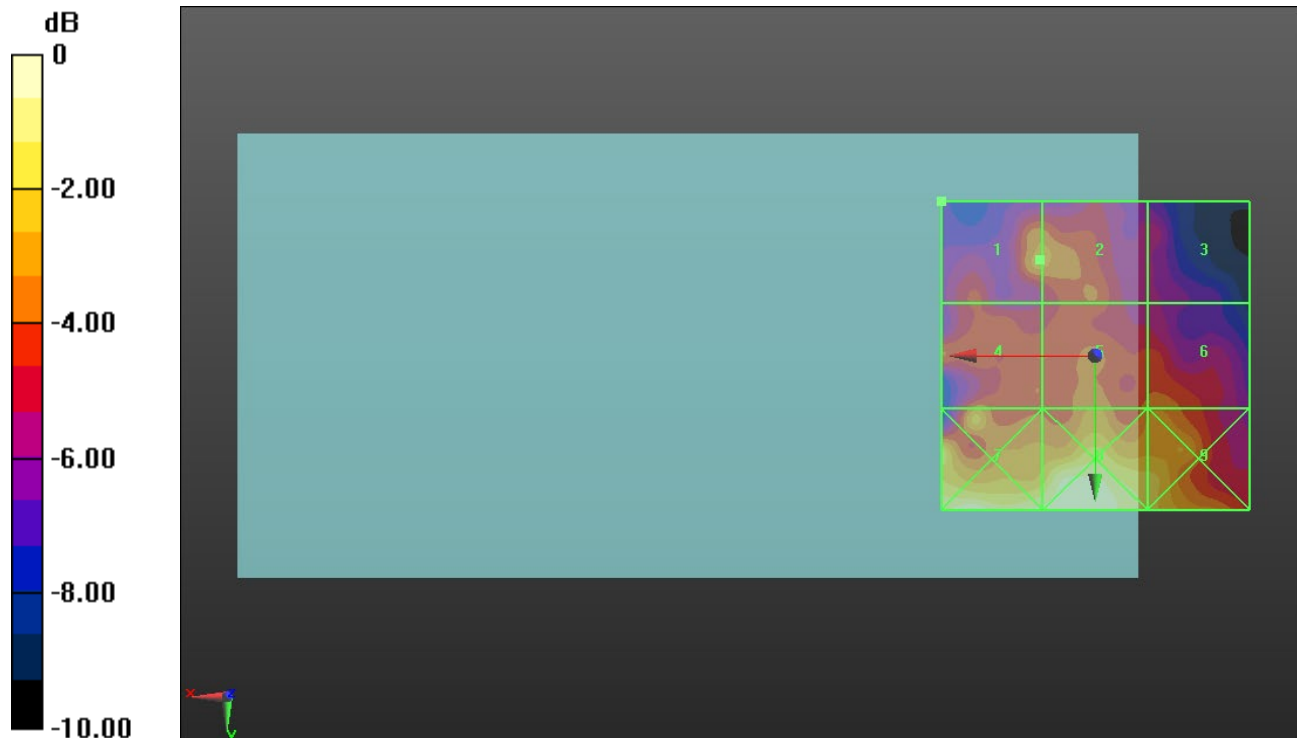
Applied MIF = -2.02 dB

RF audio interference level = 18.32 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.32 dBV/m	Grid 2 M4 18.3 dBV/m	Grid 3 M4 15.87 dBV/m
Grid 4 M4 17.86 dBV/m	Grid 5 M4 18.07 dBV/m	Grid 6 M4 17.95 dBV/m
Grid 7 M4 21.35 dBV/m	Grid 8 M4 21.3 dBV/m	Grid 9 M4 19.75 dBV/m



0 dB = 11.69 V/m = 21.36 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 = 12.05 V/m; Power Drift = 0.09 dB

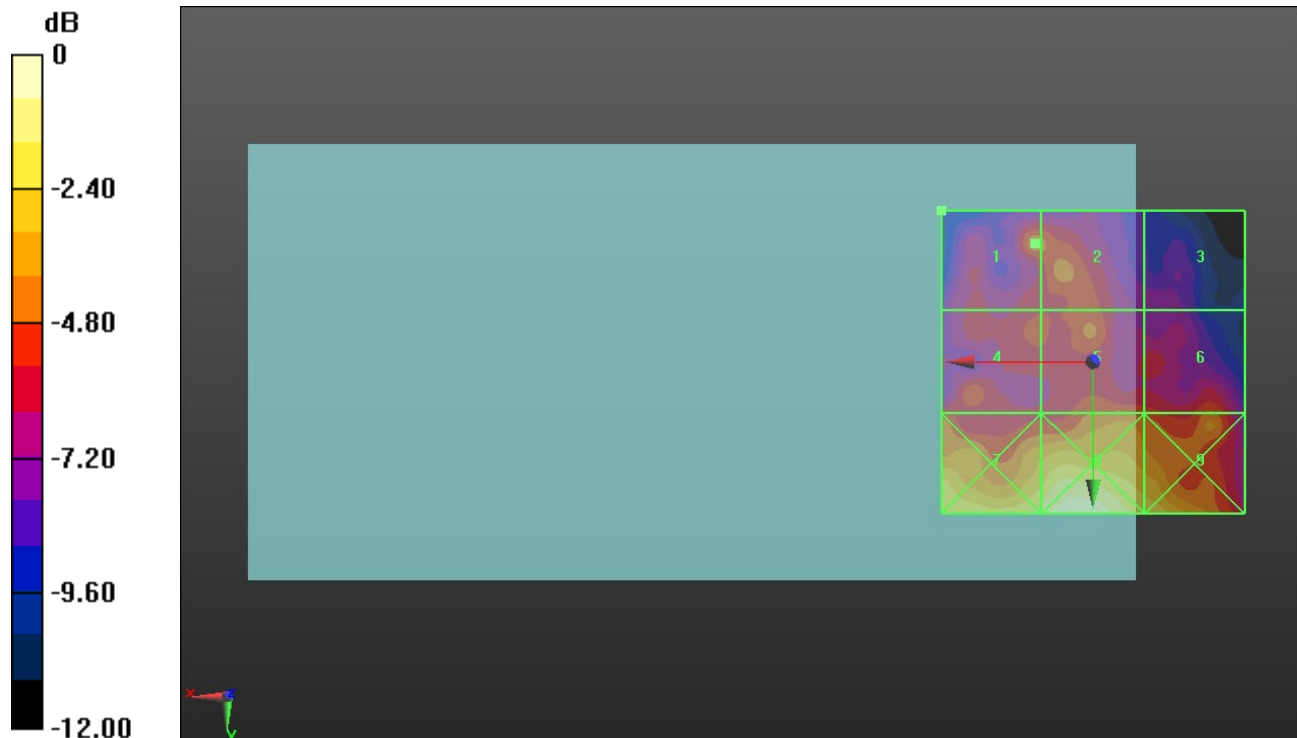
Applied MIF = -2.02 dB

RF audio interference level = 18.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.22 dBV/m	Grid 2 M4 18.07 dBV/m	Grid 3 M4 15.19 dBV/m
Grid 4 M4 17.6 dBV/m	Grid 5 M4 17.98 dBV/m	Grid 6 M4 17.98 dBV/m
Grid 7 M4 21.31 dBV/m	Grid 8 M4 22.51 dBV/m	Grid 9 M4 21.06 dBV/m



0 dB = 13.35 V/m = 22.51 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 = 12.72 V/m; Power Drift = -0.13 dB

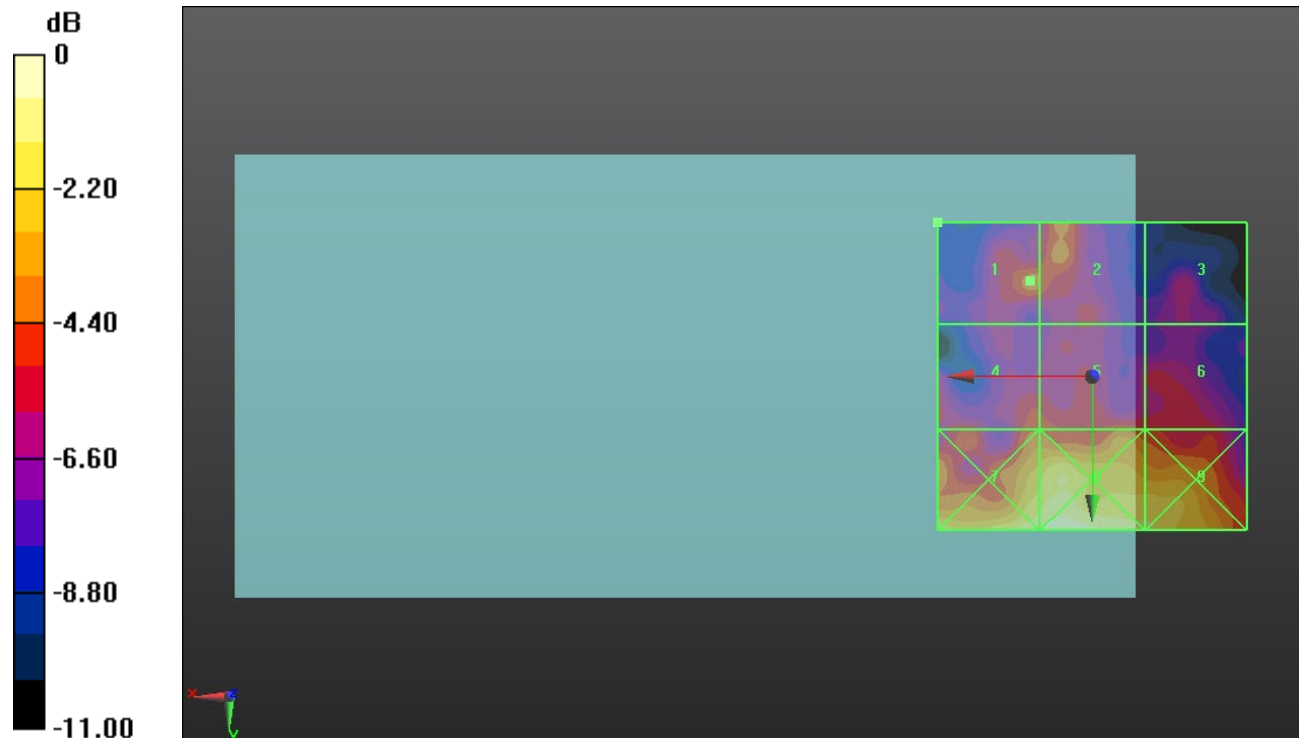
Applied MIF = -2.02 dB

RF audio interference level = 17.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.42 dBV/m	Grid 2 M4 17.4 dBV/m	Grid 3 M4 15.51 dBV/m
Grid 4 M4 16.91 dBV/m	Grid 5 M4 16.93 dBV/m	Grid 6 M4 16.34 dBV/m
Grid 7 M4 20.88 dBV/m	Grid 8 M4 21.39 dBV/m	Grid 9 M4 20.13 dBV/m



0 dB = 11.74 V/m = 21.39 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 = 12.51 V/m; Power Drift = 0.02 dB

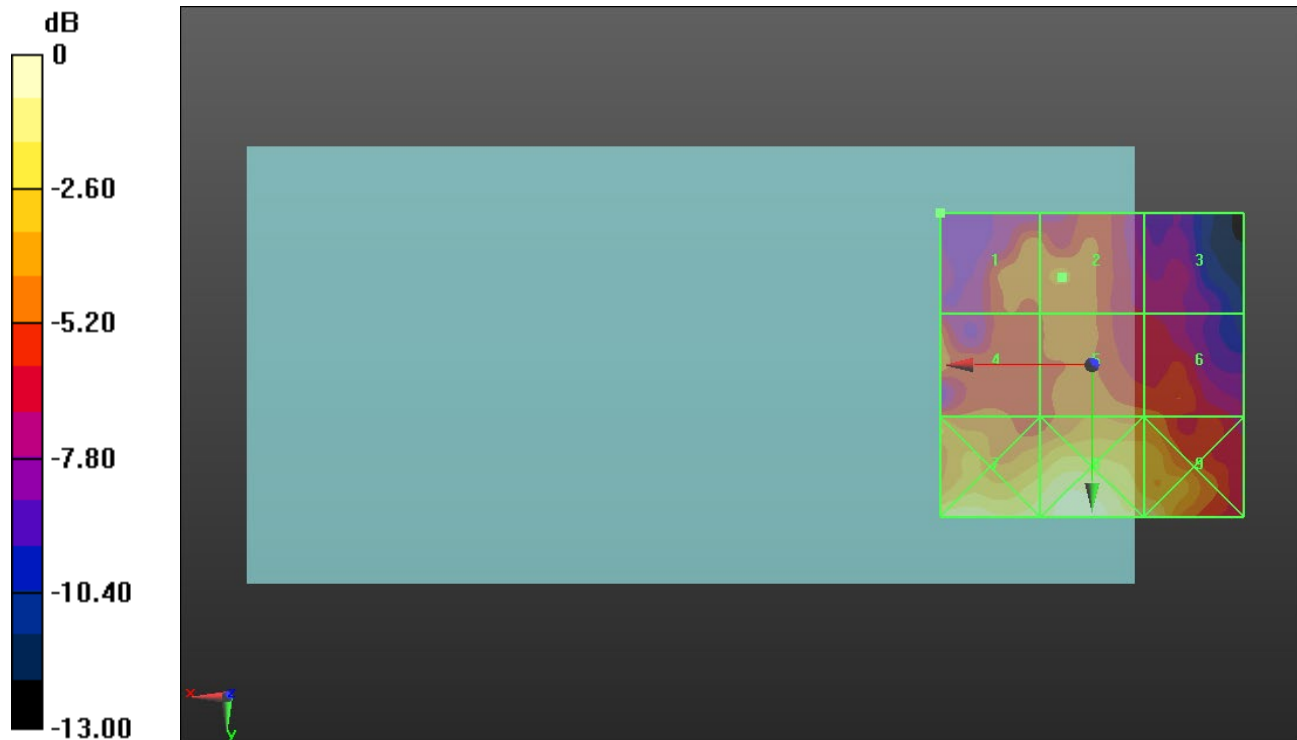
Applied MIF = 0.12 dB

RF audio interference level = 19.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.54 dBV/m	Grid 2 M4 19.91 dBV/m	Grid 3 M4 17.15 dBV/m
Grid 4 M4 19.73 dBV/m	Grid 5 M4 19.73 dBV/m	Grid 6 M4 19.37 dBV/m
Grid 7 M4 23.38 dBV/m	Grid 8 M4 24.01 dBV/m	Grid 9 M4 23.03 dBV/m



0 dB = 15.88 V/m = 24.02 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 = 11.95 V/m; Power Drift = 0.03 dB

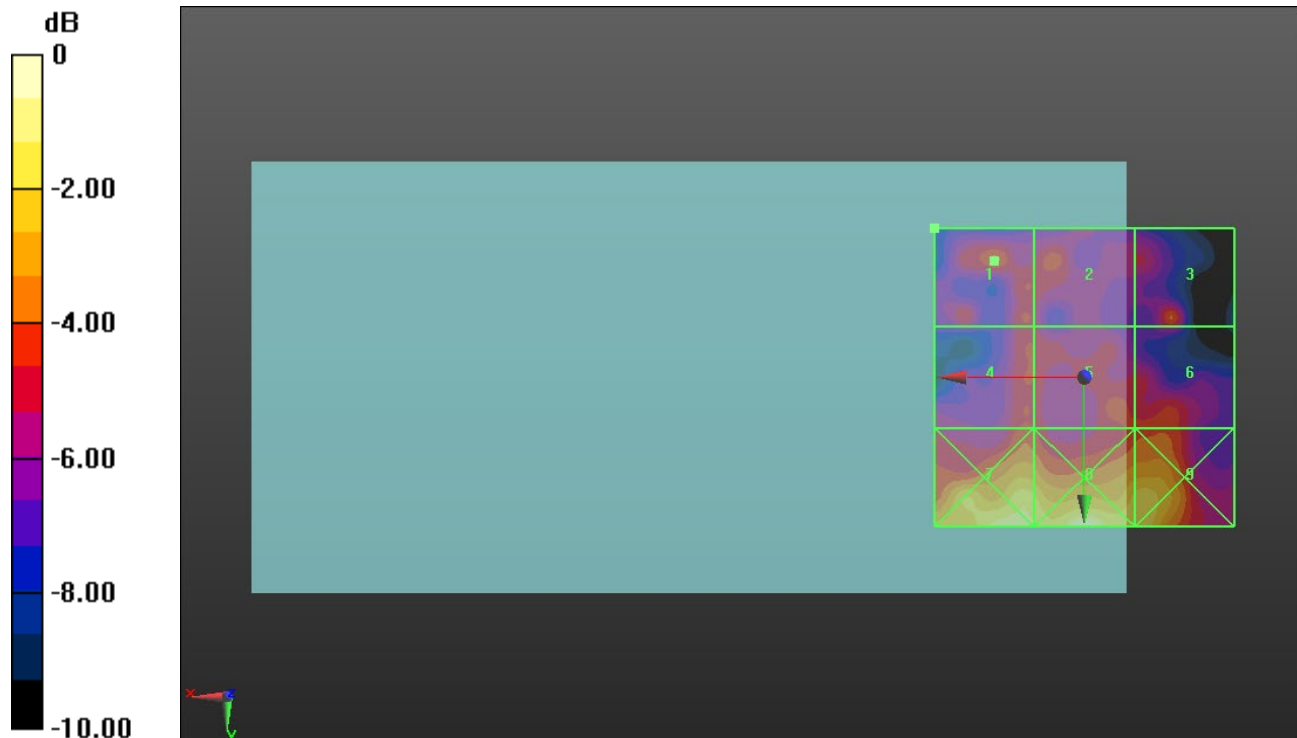
Applied MIF = 0.12 dB

RF audio interference level = 20.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.18 dBV/m	Grid 2 M4 19.68 dBV/m	Grid 3 M4 20.14 dBV/m
Grid 4 M4 19.53 dBV/m	Grid 5 M4 19.68 dBV/m	Grid 6 M4 19.9 dBV/m
Grid 7 M4 23.04 dBV/m	Grid 8 M4 23.99 dBV/m	Grid 9 M4 22.67 dBV/m



0 dB = 15.84 V/m = 24.00 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 = 11.74 V/m; Power Drift = 0.01 dB

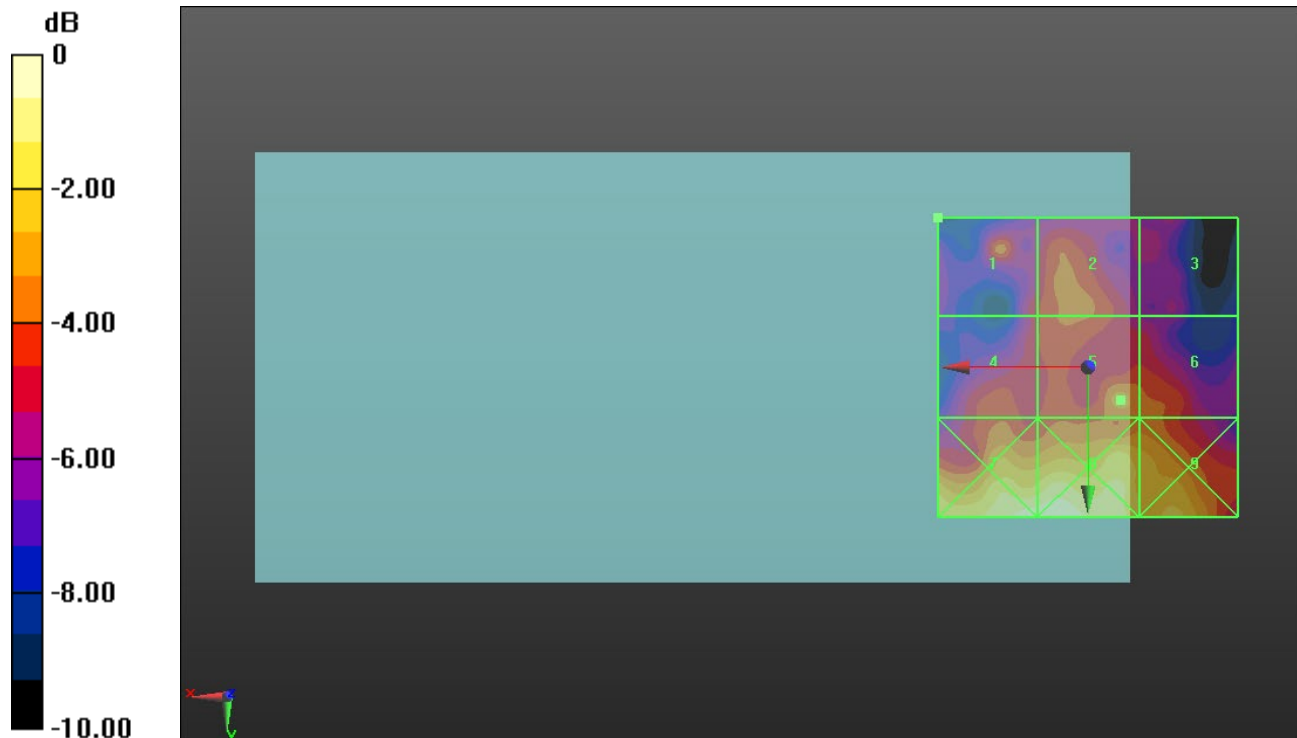
Applied MIF = 0.12 dB

RF audio interference level = 20.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.9 dBV/m	Grid 2 M4 19.93 dBV/m	Grid 3 M4 18.27 dBV/m
Grid 4 M4 19.54 dBV/m	Grid 5 M4 20.54 dBV/m	Grid 6 M4 20.02 dBV/m
Grid 7 M4 23.49 dBV/m	Grid 8 M4 23.58 dBV/m	Grid 9 M4 21.95 dBV/m



0 dB = 15.11 V/m = 23.59 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.235 V/m; Power Drift = -0.14 dB

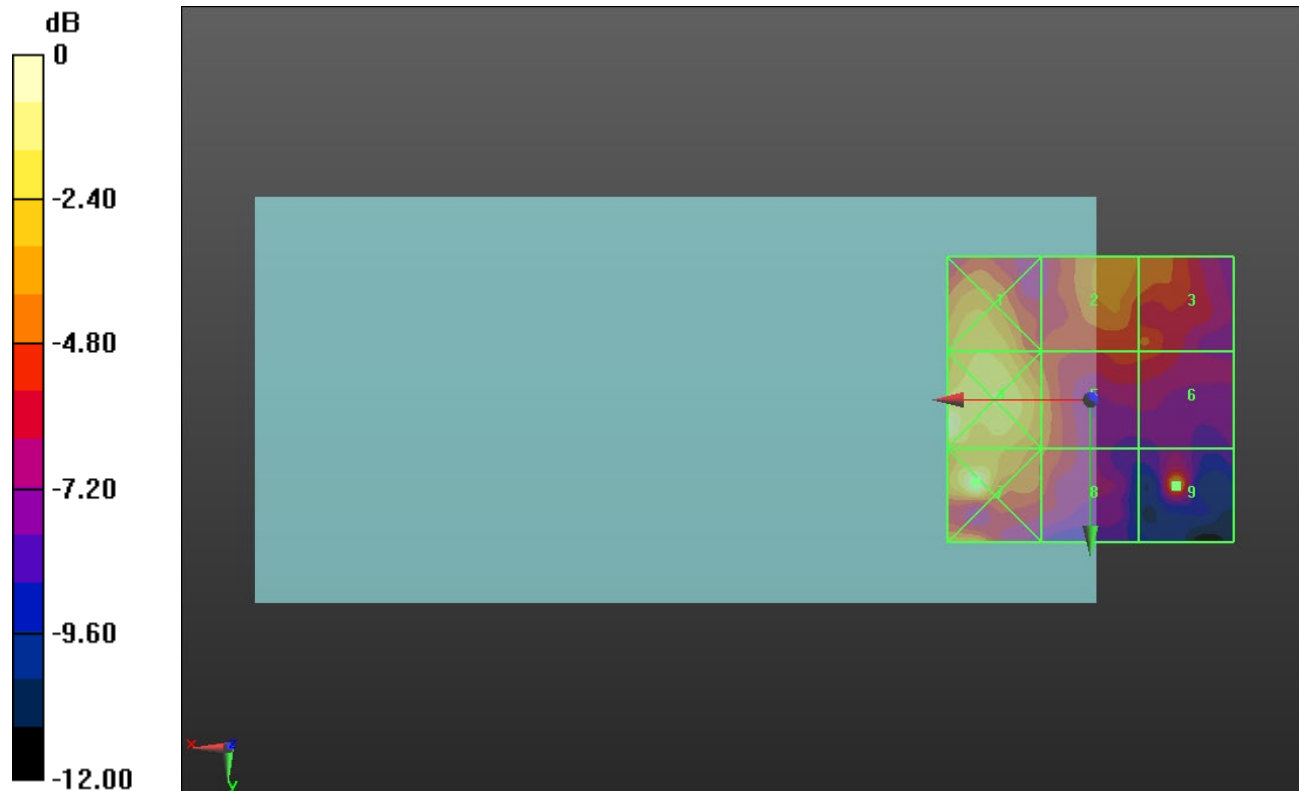
Applied MIF = -3.15 dB

RF audio interference level = 12.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.05 dBV/m	Grid 2 M4 11.81 dBV/m	Grid 3 M4 11.43 dBV/m
Grid 4 M4 15.07 dBV/m	Grid 5 M4 11.63 dBV/m	Grid 6 M4 10.41 dBV/m
Grid 7 M4 15.43 dBV/m	Grid 8 M4 10.88 dBV/m	Grid 9 M4 12.4 dBV/m



0 dB = 5.910 V/m = 15.43 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 44/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.192 V/m; Power Drift = 0.10 dB

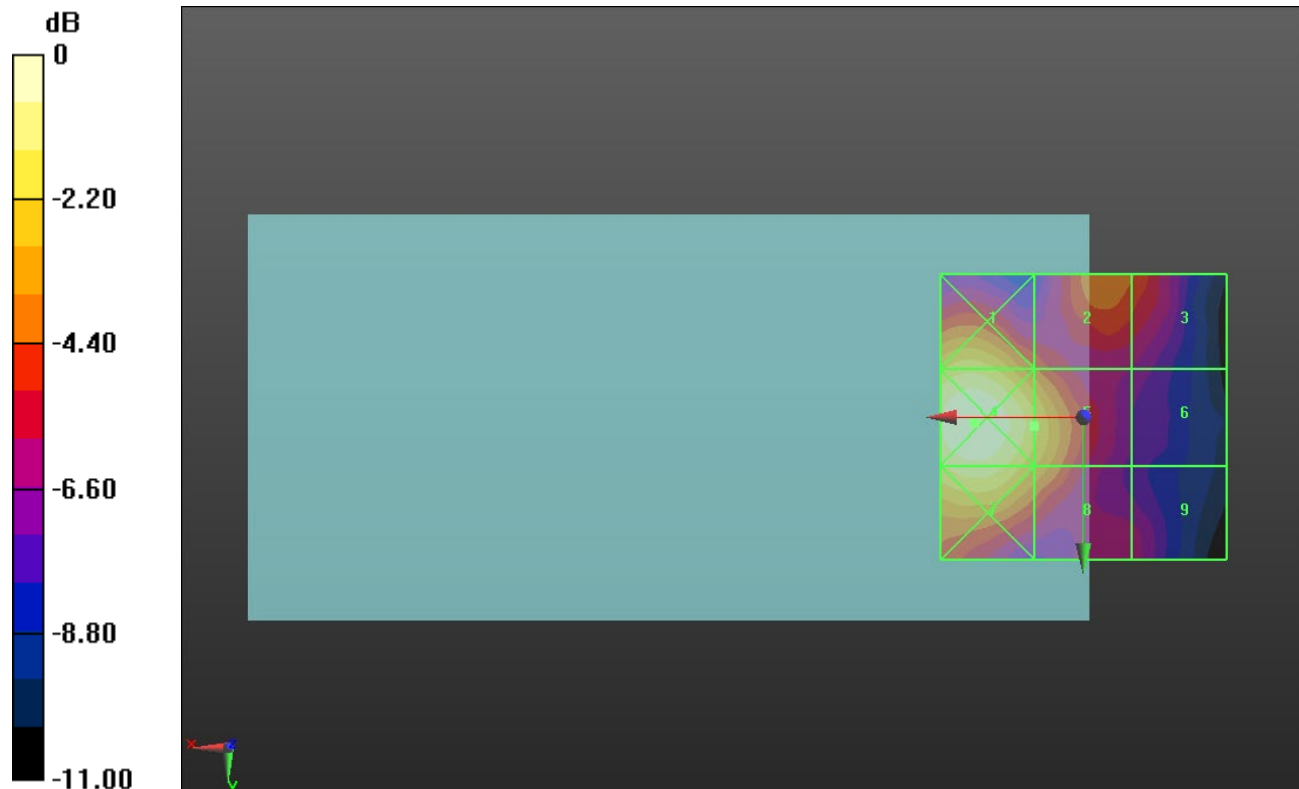
Applied MIF = -3.15 dB

RF audio interference level = 17.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.82 dBV/m	Grid 2 M4 15.57 dBV/m	Grid 3 M4 15.18 dBV/m
Grid 4 M4 19.48 dBV/m	Grid 5 M4 17.49 dBV/m	Grid 6 M4 12.84 dBV/m
Grid 7 M4 18.56 dBV/m	Grid 8 M4 16.62 dBV/m	Grid 9 M4 13.28 dBV/m



0 dB = 9.423 V/m = 19.48 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 48/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.967 V/m; Power Drift = 0.00 dB

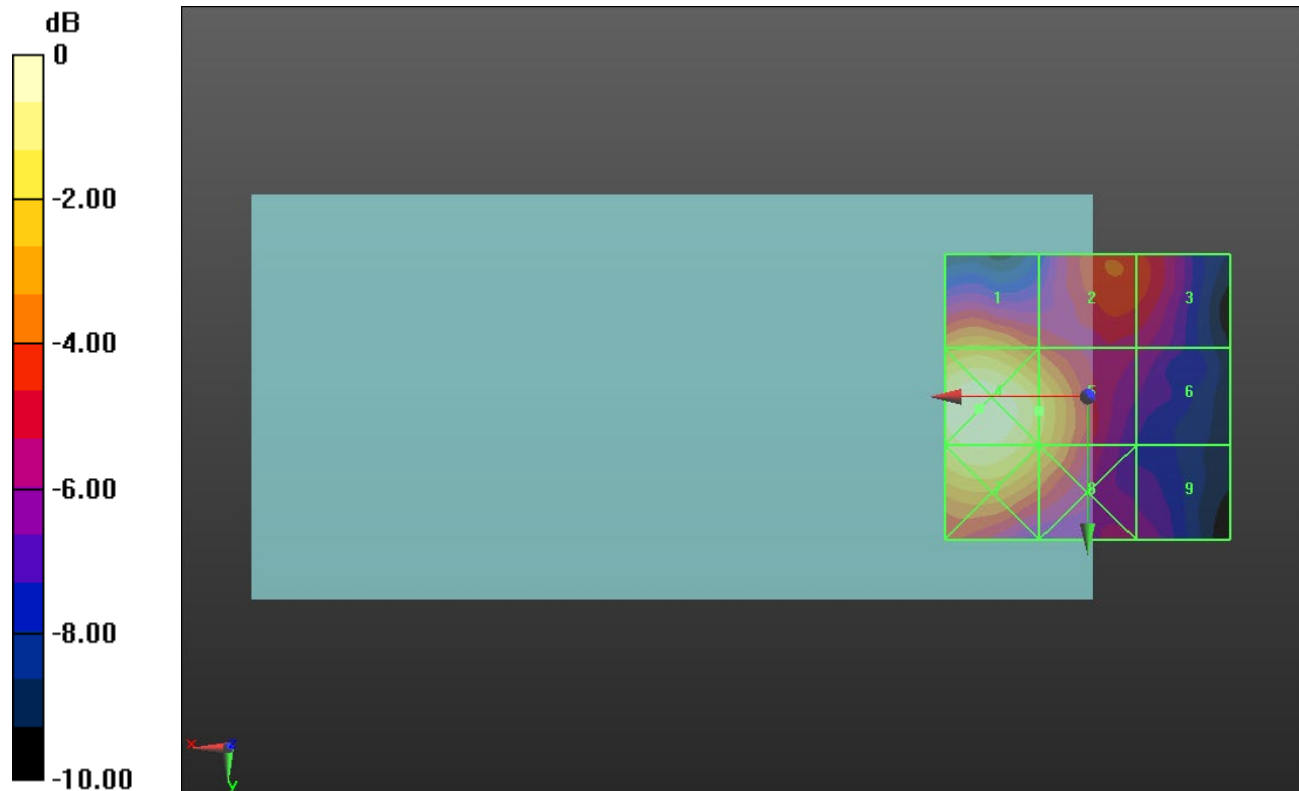
Applied MIF = -3.15 dB

RF audio interference level = 17.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.12 dBV/m	Grid 2 M4 15.57 dBV/m	Grid 3 M4 15.35 dBV/m
Grid 4 M4 19.52 dBV/m	Grid 5 M4 17.9 dBV/m	Grid 6 M4 13.79 dBV/m
Grid 7 M4 18.96 dBV/m	Grid 8 M4 17.36 dBV/m	Grid 9 M4 13.72 dBV/m



0 dB = 9.461 V/m = 19.52 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.728 V/m; Power Drift = -0.04 dB

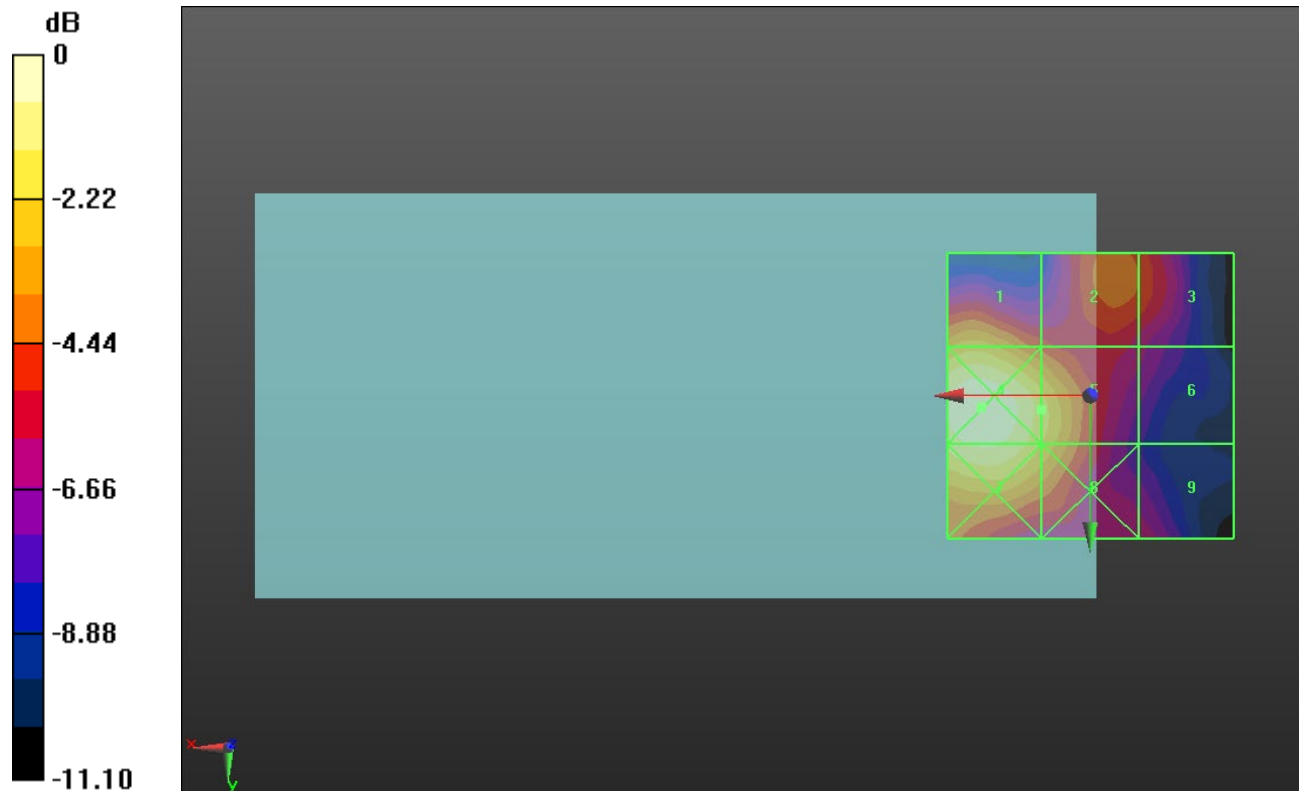
Applied MIF = -3.15 dB

RF audio interference level = 17.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.81 dBV/m	Grid 2 M4 15.28 dBV/m	Grid 3 M4 14.81 dBV/m
Grid 4 M4 19.26 dBV/m	Grid 5 M4 17.44 dBV/m	Grid 6 M4 12.94 dBV/m
Grid 7 M4 18.65 dBV/m	Grid 8 M4 17.04 dBV/m	Grid 9 M4 13.27 dBV/m



0 dB = 9.186 V/m = 19.26 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 56/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.722 V/m; Power Drift = -0.13 dB

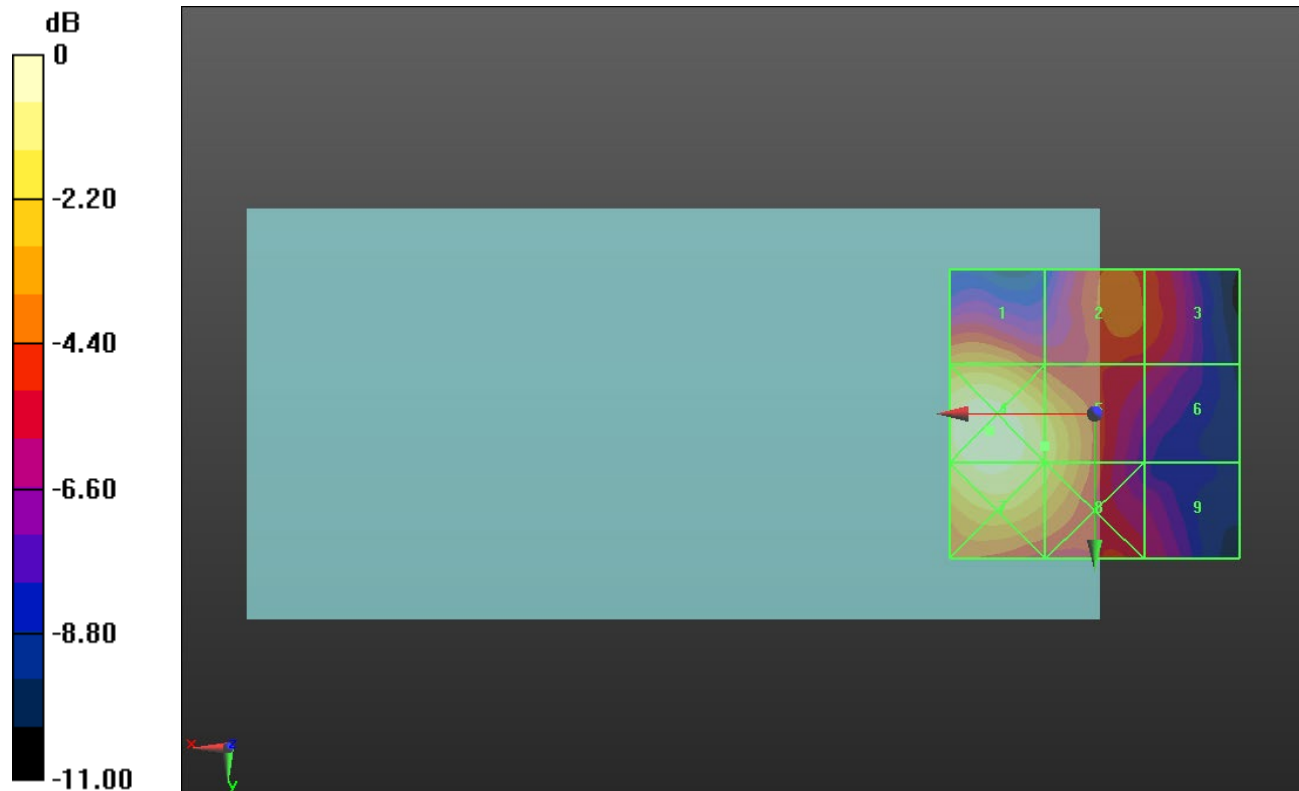
Applied MIF = -3.15 dB

RF audio interference level = 17.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.47 dBV/m	Grid 2 M4 15.22 dBV/m	Grid 3 M4 14.82 dBV/m
Grid 4 M4 19.19 dBV/m	Grid 5 M4 17.59 dBV/m	Grid 6 M4 13.71 dBV/m
Grid 7 M4 18.79 dBV/m	Grid 8 M4 17.41 dBV/m	Grid 9 M4 13.57 dBV/m



0 dB = 9.114 V/m = 19.19 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 60/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.577 V/m; Power Drift = -0.07 dB

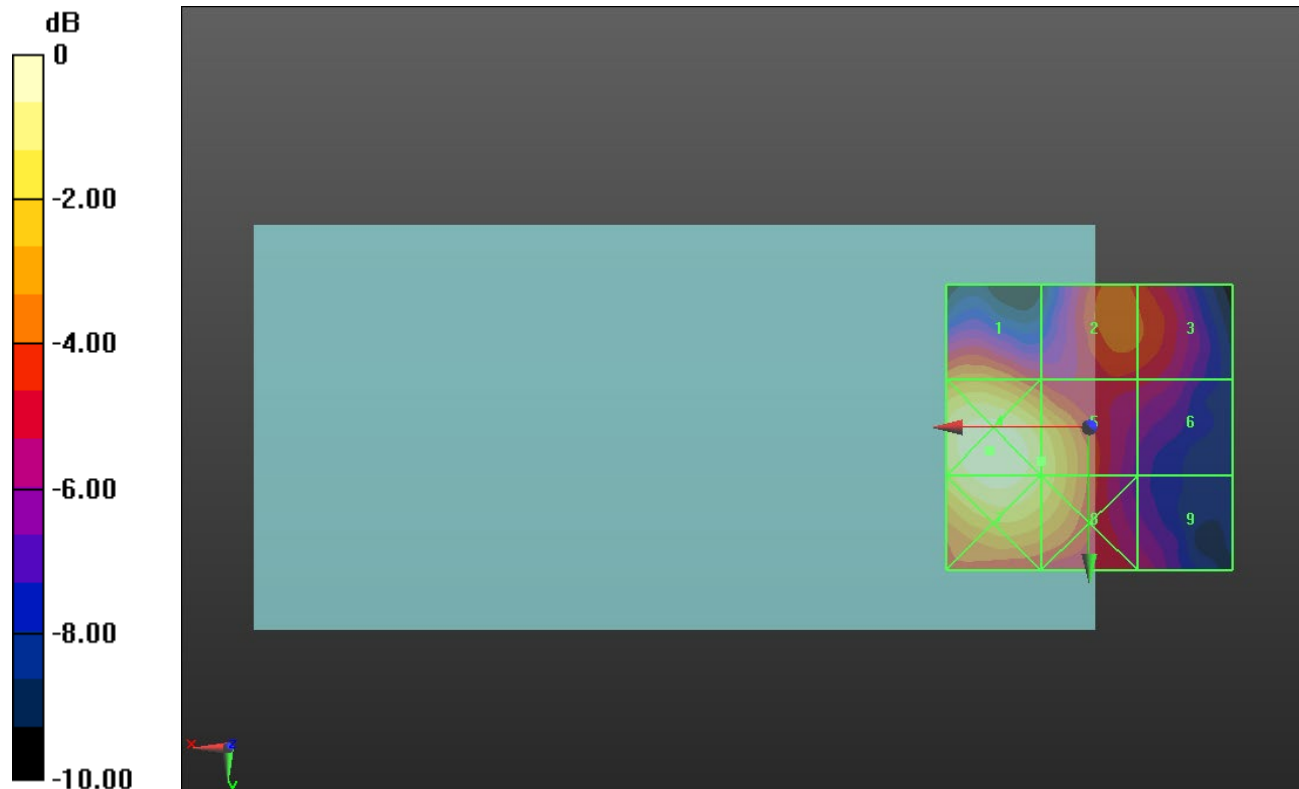
Applied MIF = -3.15 dB

RF audio interference level = 17.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.16 dBV/m	Grid 2 M4 15.46 dBV/m	Grid 3 M4 15.19 dBV/m
Grid 4 M4 19.03 dBV/m	Grid 5 M4 17.86 dBV/m	Grid 6 M4 14.08 dBV/m
Grid 7 M4 18.71 dBV/m	Grid 8 M4 17.75 dBV/m	Grid 9 M4 13.67 dBV/m



0 dB = 8.945 V/m = 19.03 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 = 7.777 V/m; Power Drift = -0.08 dB

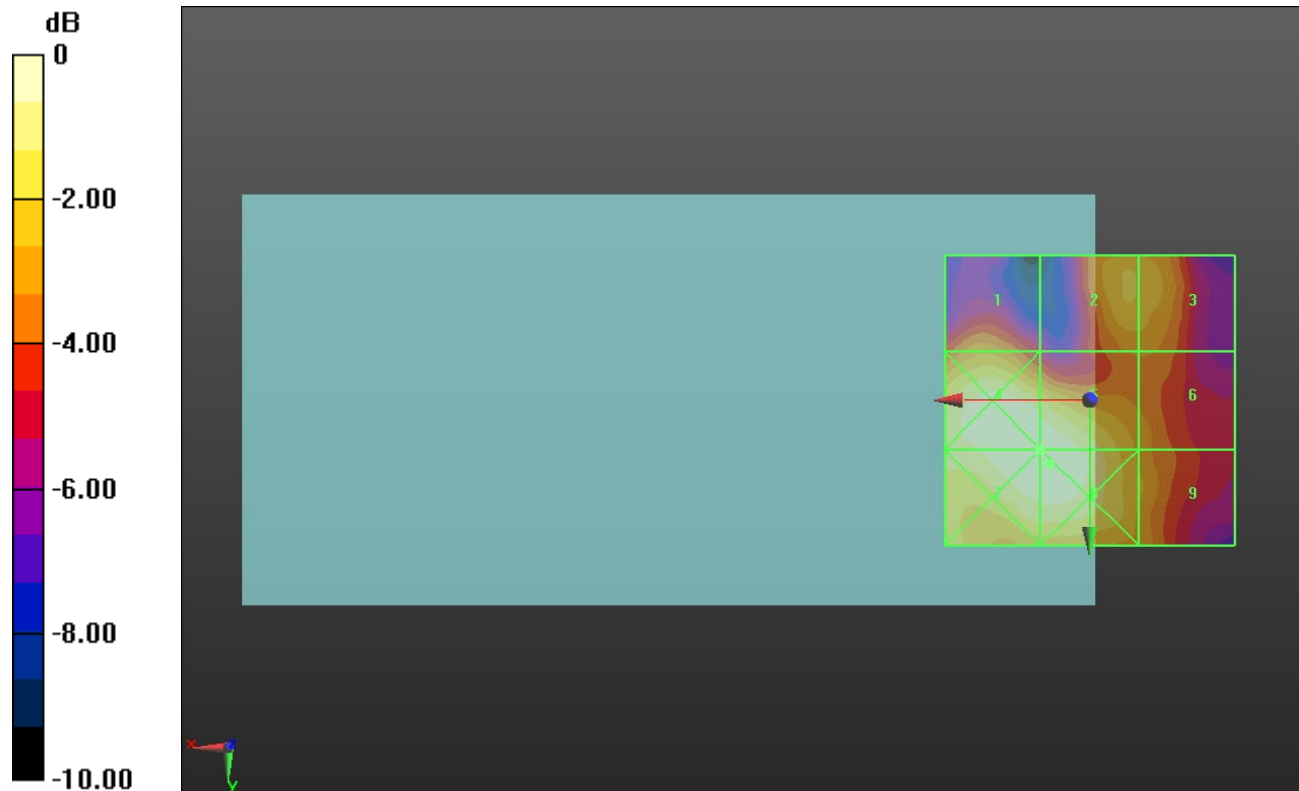
Applied MIF = -3.15 dB

RF audio interference level = 15.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.04 dBV/m	Grid 2 M4 13.94 dBV/m	Grid 3 M4 13.78 dBV/m
Grid 4 M4 15.78 dBV/m	Grid 5 M4 15.76 dBV/m	Grid 6 M4 12.97 dBV/m
Grid 7 M4 15.79 dBV/m	Grid 8 M4 15.82 dBV/m	Grid 9 M4 13.32 dBV/m



0 dB = 6.178 V/m = 15.82 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 124/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.976 V/m; Power Drift = -0.07 dB

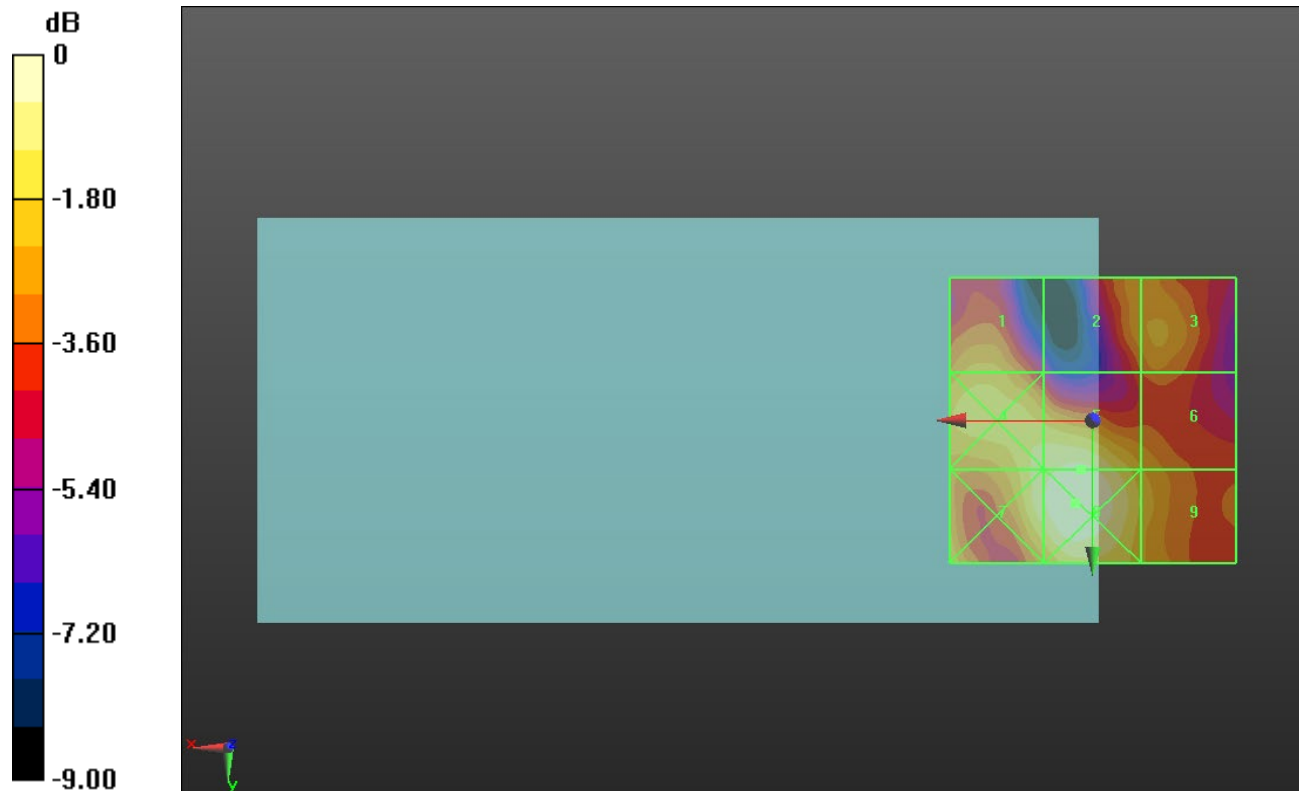
Applied MIF = -3.15 dB

RF audio interference level = 15.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.85 dBV/m	Grid 2 M4 13.4 dBV/m	Grid 3 M4 13.7 dBV/m
Grid 4 M4 15.14 dBV/m	Grid 5 M4 15.51 dBV/m	Grid 6 M4 13.62 dBV/m
Grid 7 M4 15.33 dBV/m	Grid 8 M4 15.93 dBV/m	Grid 9 M4 14.04 dBV/m



0 dB = 6.261 V/m = 15.93 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.153 V/m; Power Drift = 0.03 dB

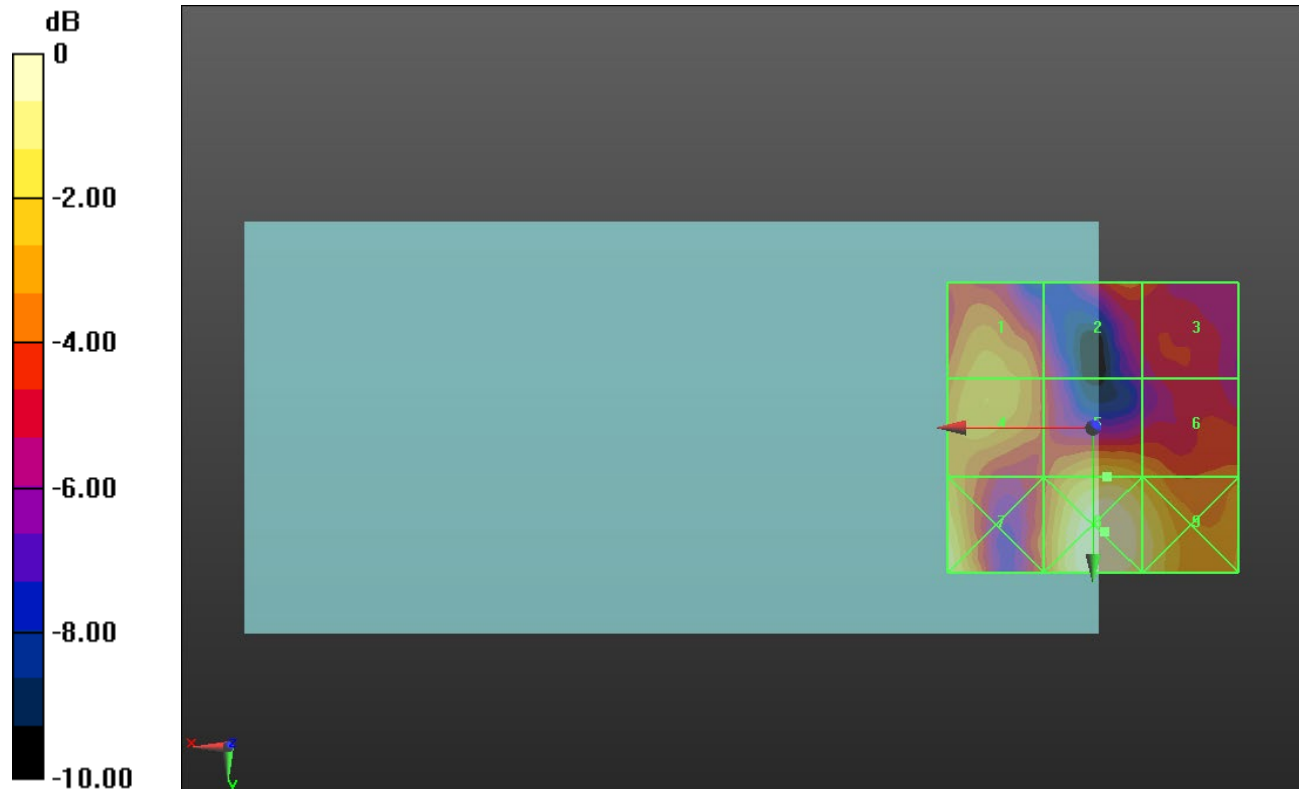
Applied MIF = -3.15 dB

RF audio interference level = 13.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.91 dBV/m	Grid 2 M4 11.37 dBV/m	Grid 3 M4 10.99 dBV/m
Grid 4 M4 13.07 dBV/m	Grid 5 M4 13.23 dBV/m	Grid 6 M4 12.41 dBV/m
Grid 7 M4 14.31 dBV/m	Grid 8 M4 15.06 dBV/m	Grid 9 M4 14.17 dBV/m



0 dB = 5.660 V/m = 15.06 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.055 V/m; Power Drift = -0.60 dB

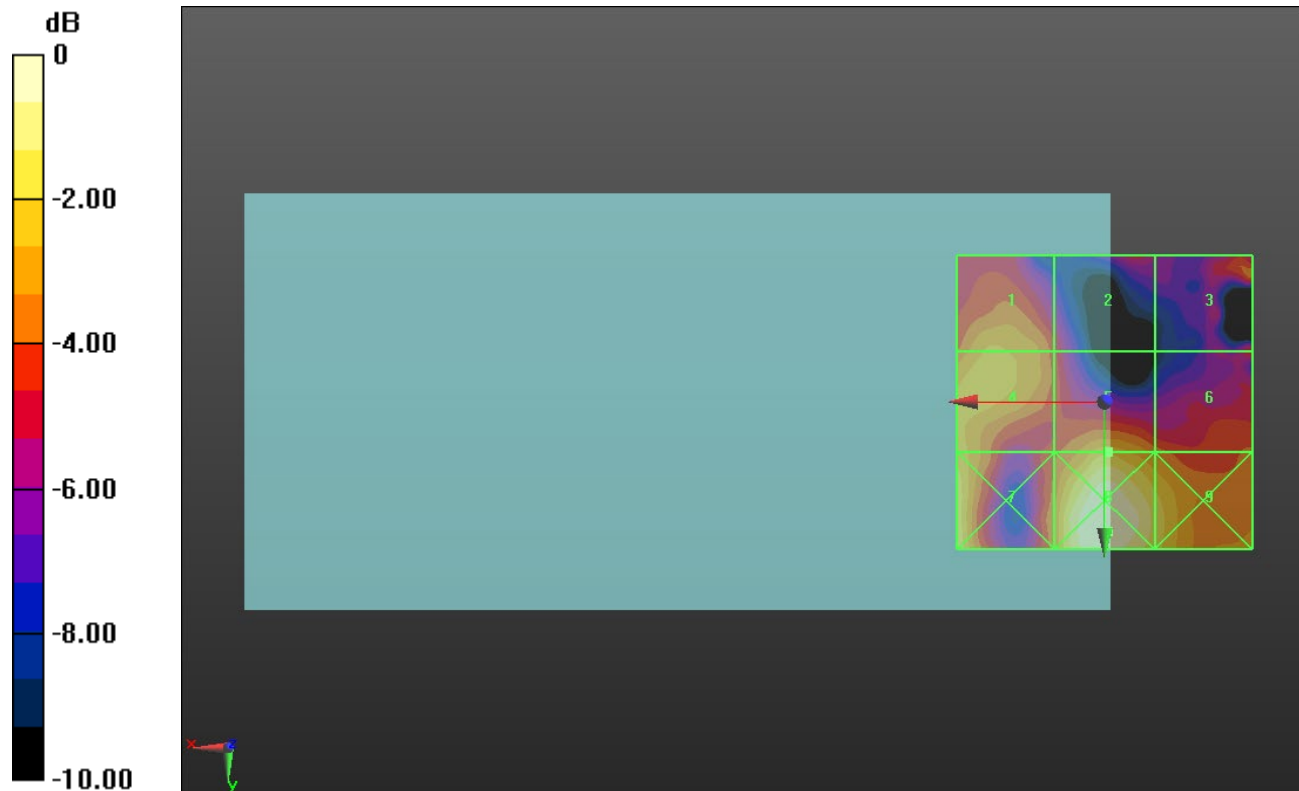
Applied MIF = -3.15 dB

RF audio interference level = 12.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.01 dBV/m	Grid 2 M4 10.08 dBV/m	Grid 3 M4 10.94 dBV/m
Grid 4 M4 12.33 dBV/m	Grid 5 M4 12.34 dBV/m	Grid 6 M4 10.93 dBV/m
Grid 7 M4 13.45 dBV/m	Grid 8 M4 14.53 dBV/m	Grid 9 M4 13 dBV/m



0 dB = 5.327 V/m = 14.53 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.283 V/m; Power Drift = 0.14 dB

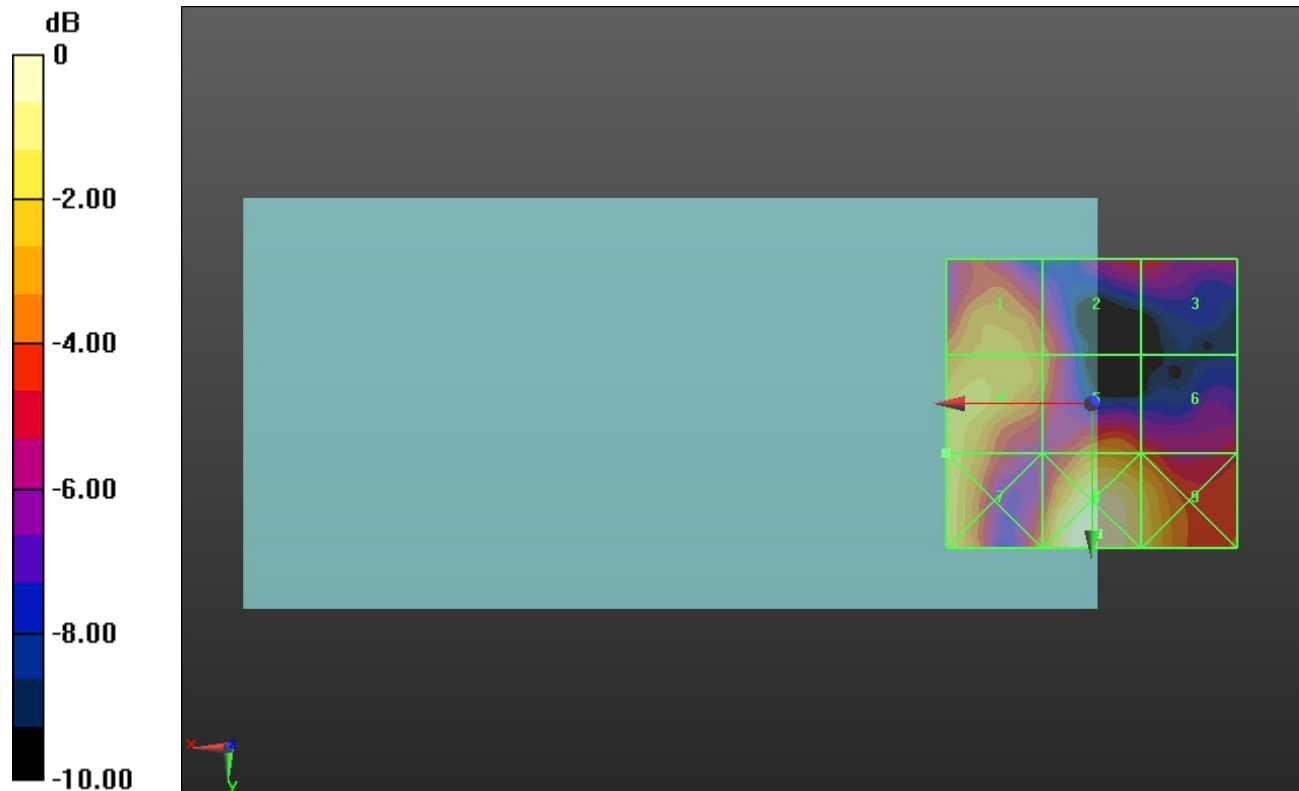
Applied MIF = -3.15 dB

RF audio interference level = 12.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.93 dBV/m	Grid 2 M4 10.59 dBV/m	Grid 3 M4 9.45 dBV/m
Grid 4 M4 12.62 dBV/m	Grid 5 M4 11.23 dBV/m	Grid 6 M4 10.17 dBV/m
Grid 7 M4 12.91 dBV/m	Grid 8 M4 14.15 dBV/m	Grid 9 M4 12.76 dBV/m



0 dB = 5.100 V/m = 14.15 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.878 V/m; Power Drift = -0.03 dB

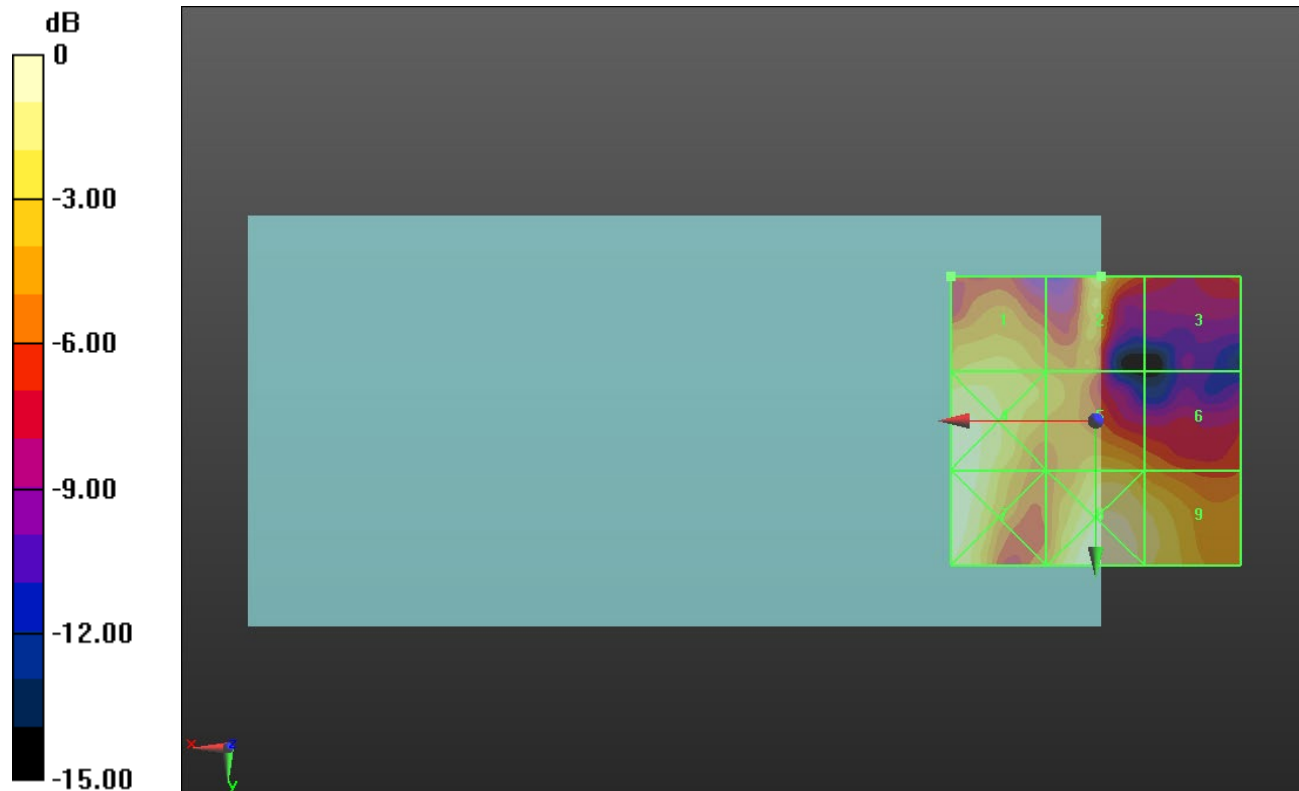
Applied MIF = -3.15 dB

RF audio interference level = 12.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.33 dBV/m	Grid 2 M4 12.51 dBV/m	Grid 3 M4 7.42 dBV/m
Grid 4 M4 13.75 dBV/m	Grid 5 M4 11.03 dBV/m	Grid 6 M4 9.41 dBV/m
Grid 7 M4 13.8 dBV/m	Grid 8 M4 13.73 dBV/m	Grid 9 M4 12.47 dBV/m



0 dB = 4.899 V/m = 13.80 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.804 V/m; Power Drift = 0.16 dB

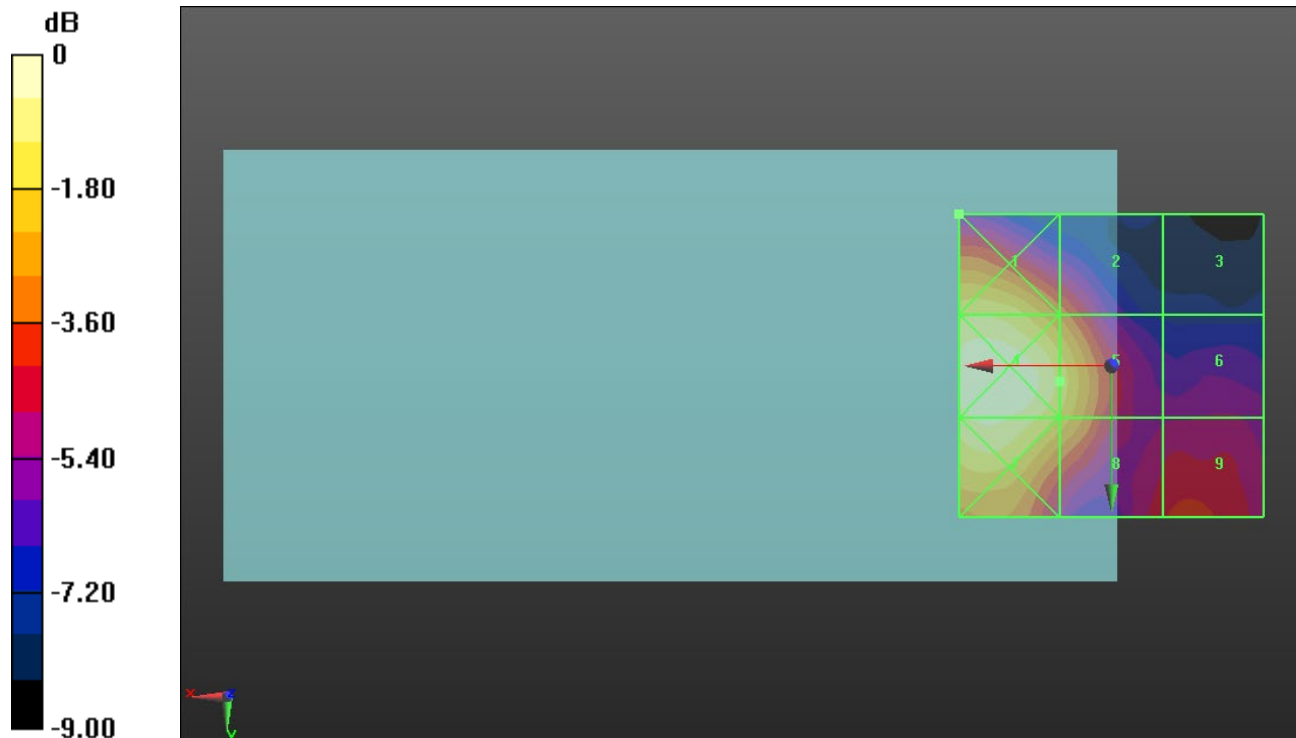
Applied MIF = -1.44 dB

RF audio interference level = 19.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.04 dBV/m	Grid 2 M4 18.1 dBV/m	Grid 3 M4 13.98 dBV/m
Grid 4 M4 21.26 dBV/m	Grid 5 M4 19.85 dBV/m	Grid 6 M4 16.01 dBV/m
Grid 7 M4 20.81 dBV/m	Grid 8 M4 19.3 dBV/m	Grid 9 M4 17.31 dBV/m



0 dB = 11.56 V/m = 21.26 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 = 9.491 V/m; Power Drift = -0.12 dB

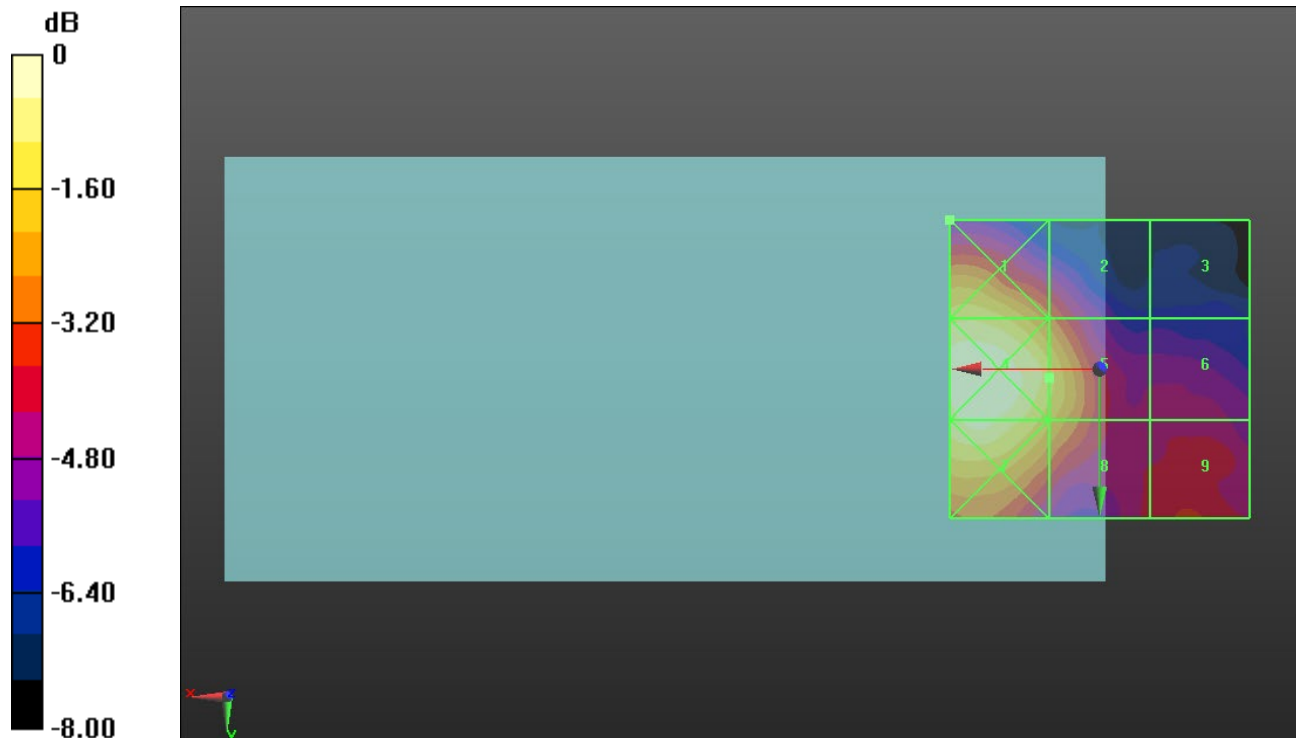
Applied MIF = -1.44 dB

RF audio interference level = 20.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.65 dBV/m	Grid 2 M4 18.82 dBV/m	Grid 3 M4 15.83 dBV/m
Grid 4 M4 21.78 dBV/m	Grid 5 M4 20.43 dBV/m	Grid 6 M4 17.41 dBV/m
Grid 7 M4 21.45 dBV/m	Grid 8 M4 19.84 dBV/m	Grid 9 M4 18.18 dBV/m



0 dB = 12.27 V/m = 21.78 dBV/m

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.51 V/m; Power Drift = 0.07 dB

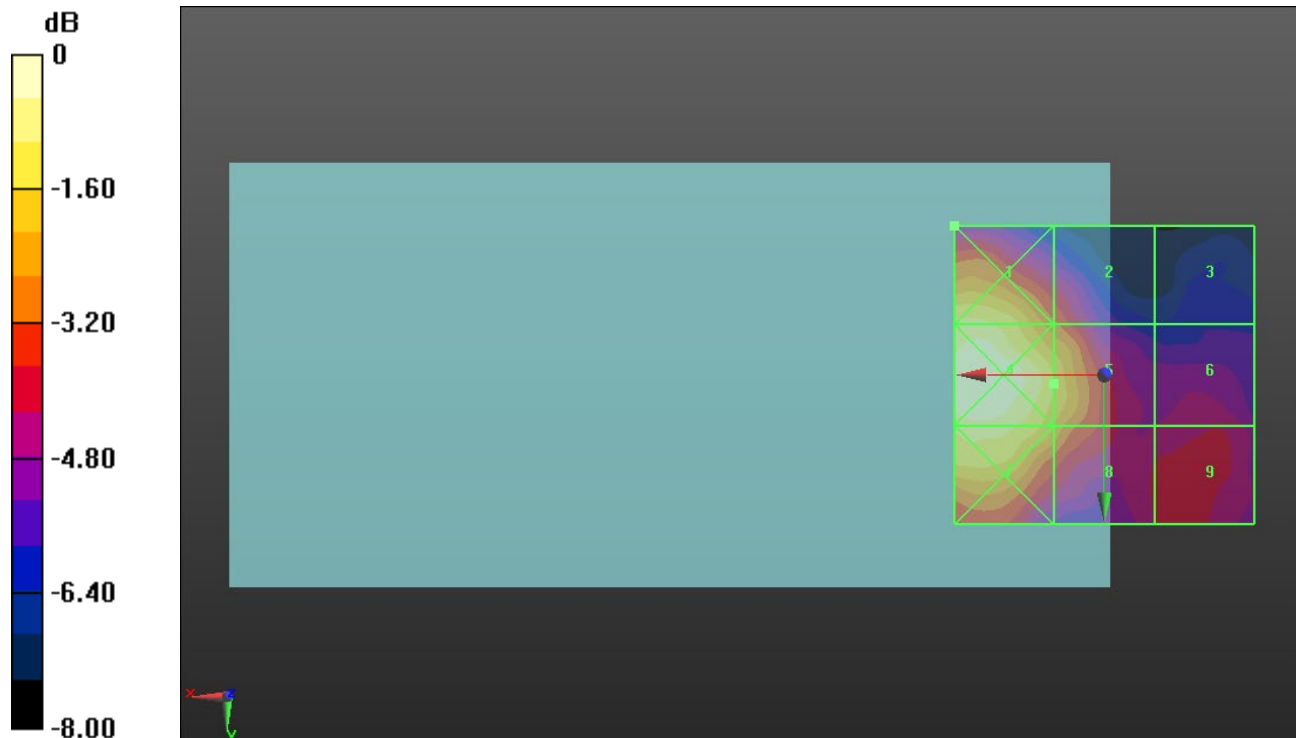
Applied MIF = -1.44 dB

RF audio interference level = 21.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.66 dBV/m	Grid 2 M4 19.53 dBV/m	Grid 3 M4 16.7 dBV/m
Grid 4 M4 22.55 dBV/m	Grid 5 M4 21.02 dBV/m	Grid 6 M4 18.26 dBV/m
Grid 7 M4 21.85 dBV/m	Grid 8 M4 20.44 dBV/m	Grid 9 M4 18.67 dBV/m



0 dB = 13.41 V/m = 22.55 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 = 10.41 V/m; Power Drift = 0.05 dB

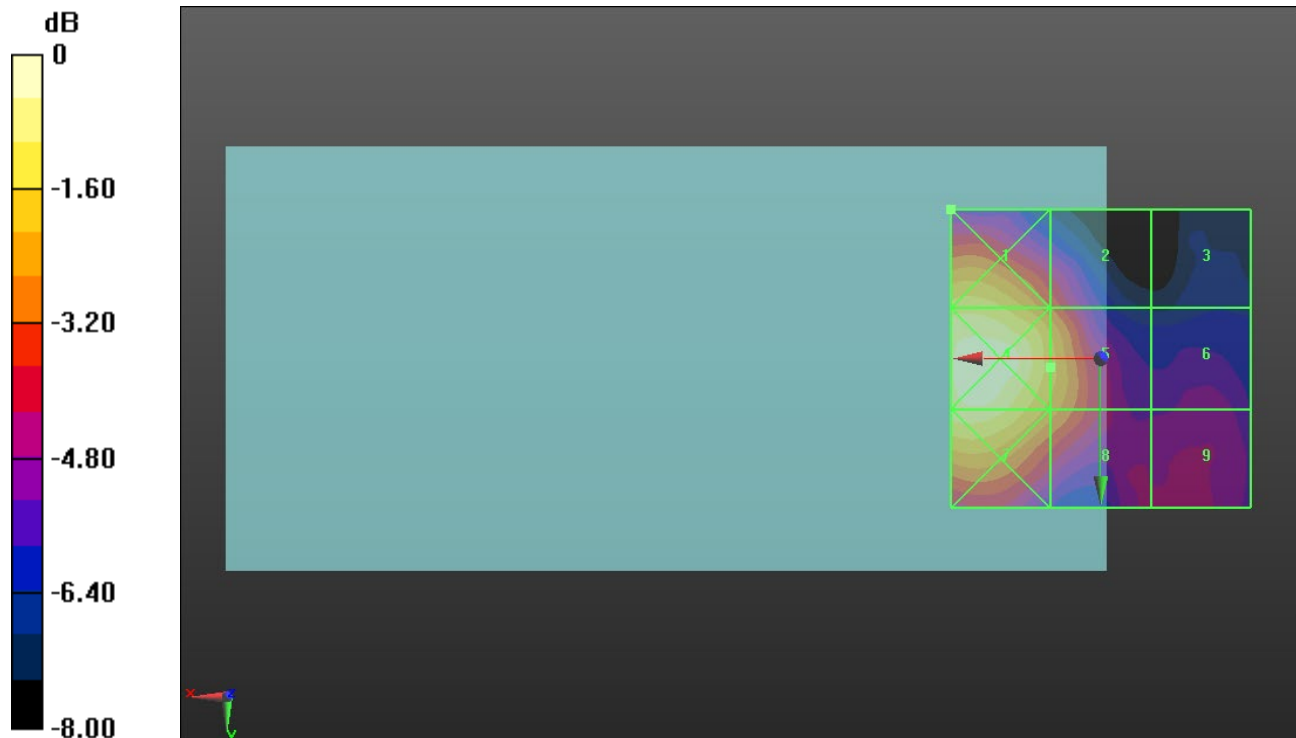
Applied MIF = -1.44 dB

RF audio interference level = 20.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.56 dBV/m	Grid 2 M4 19.68 dBV/m	Grid 3 M4 16.43 dBV/m
Grid 4 M4 22.78 dBV/m	Grid 5 M4 20.96 dBV/m	Grid 6 M4 17.78 dBV/m
Grid 7 M4 22.15 dBV/m	Grid 8 M4 20.44 dBV/m	Grid 9 M4 18.26 dBV/m



0 dB = 13.78 V/m = 22.78 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 = 43.01 V/m; Power Drift = 0.15 dB

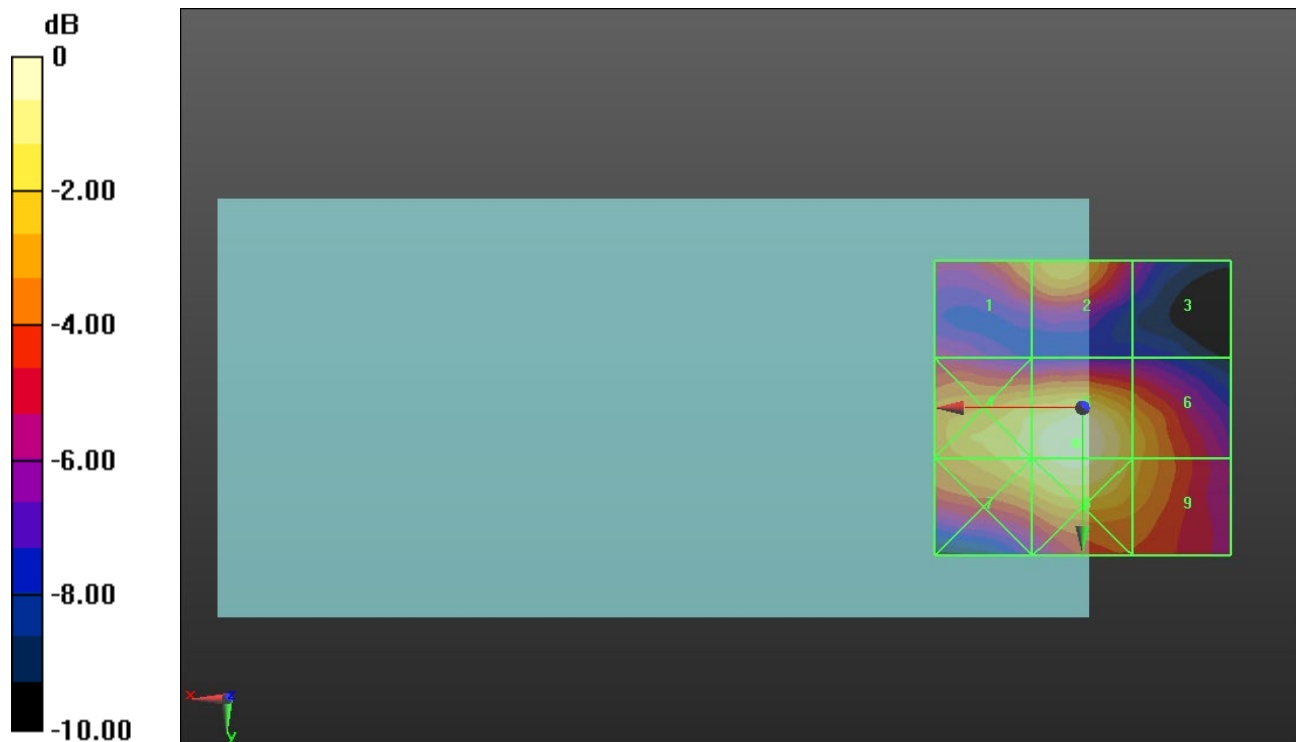
Applied MIF = -1.44 dB

RF audio interference level = 27.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.02 dBV/m	Grid 2 M4 25.74 dBV/m	Grid 3 M4 22.15 dBV/m
Grid 4 M4 27.02 dBV/m	Grid 5 M4 27.94 dBV/m	Grid 6 M4 25.93 dBV/m
Grid 7 M4 26.89 dBV/m	Grid 8 M4 27.6 dBV/m	Grid 9 M4 25.76 dBV/m



0 dB = 24.95 V/m = 27.94 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 = 39.53 V/m; Power Drift = -0.01 dB

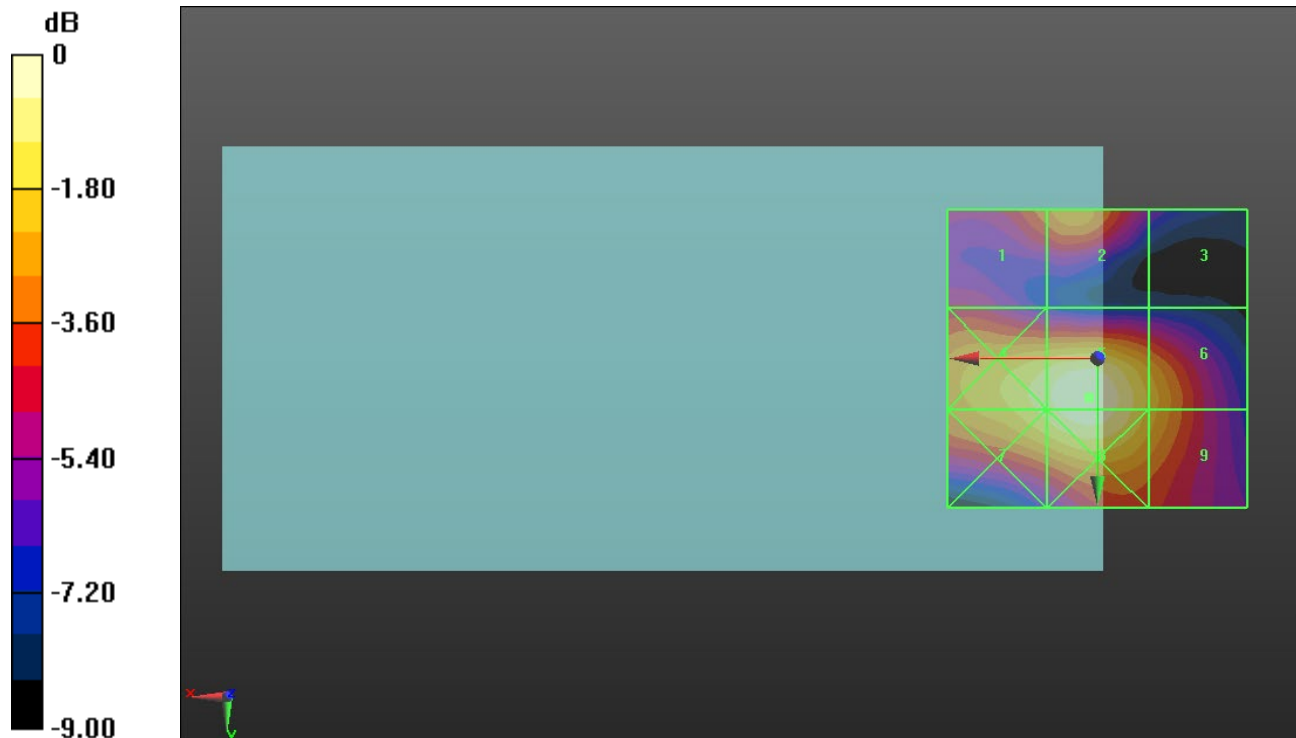
Applied MIF = -1.44 dB

RF audio interference level = 27.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.12 dBV/m	Grid 2 M4 24.63 dBV/m	Grid 3 M4 21.57 dBV/m
Grid 4 M4 26.53 dBV/m	Grid 5 M4 27.26 dBV/m	Grid 6 M4 25.38 dBV/m
Grid 7 M4 26.36 dBV/m	Grid 8 M4 27.1 dBV/m	Grid 9 M4 25.29 dBV/m



0 dB = 23.07 V/m = 27.26 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 = 39.85 V/m; Power Drift = -0.17 dB

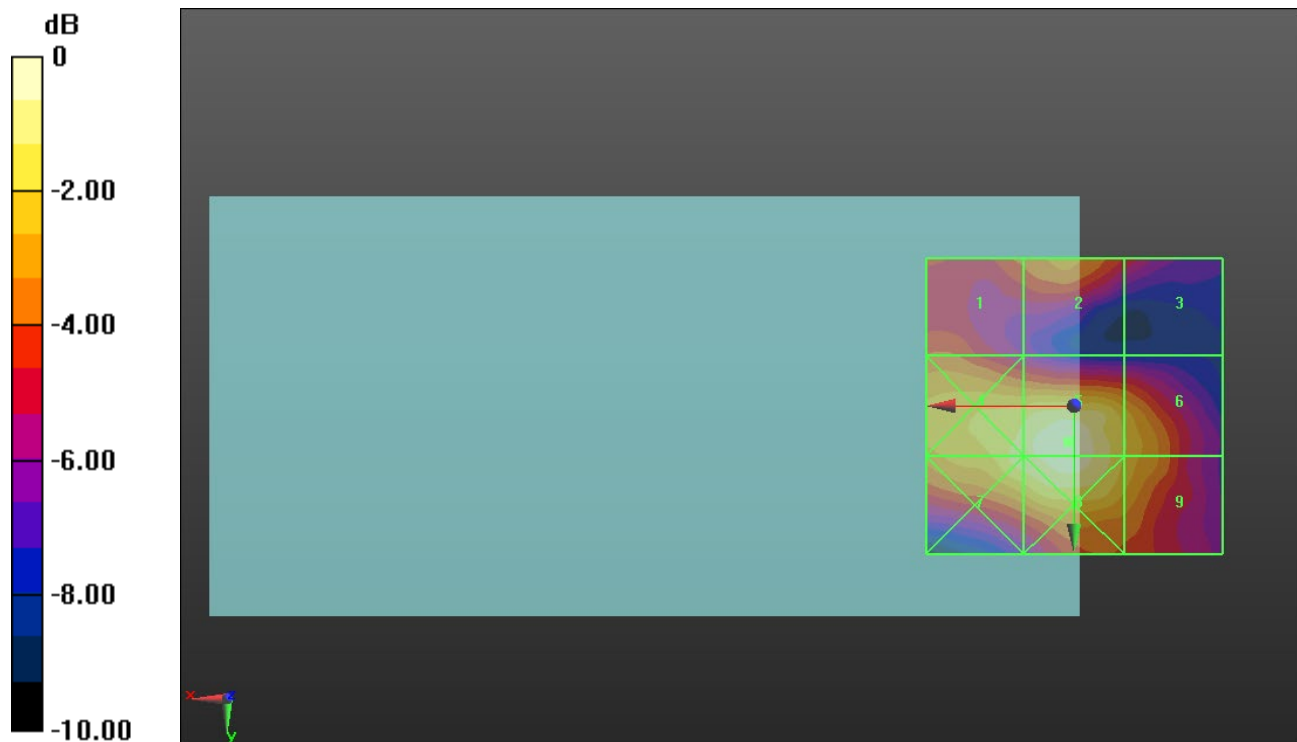
Applied MIF = -1.44 dB

RF audio interference level = 27.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.85 dBV/m	Grid 2 M4 24.44 dBV/m	Grid 3 M4 22.95 dBV/m
Grid 4 M4 26.66 dBV/m	Grid 5 M4 27.57 dBV/m	Grid 6 M4 25.69 dBV/m
Grid 7 M4 26.66 dBV/m	Grid 8 M4 27.37 dBV/m	Grid 9 M4 25.56 dBV/m



0 dB = 23.92 V/m = 27.58 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 = 34.96 V/m; Power Drift = 0.10 dB

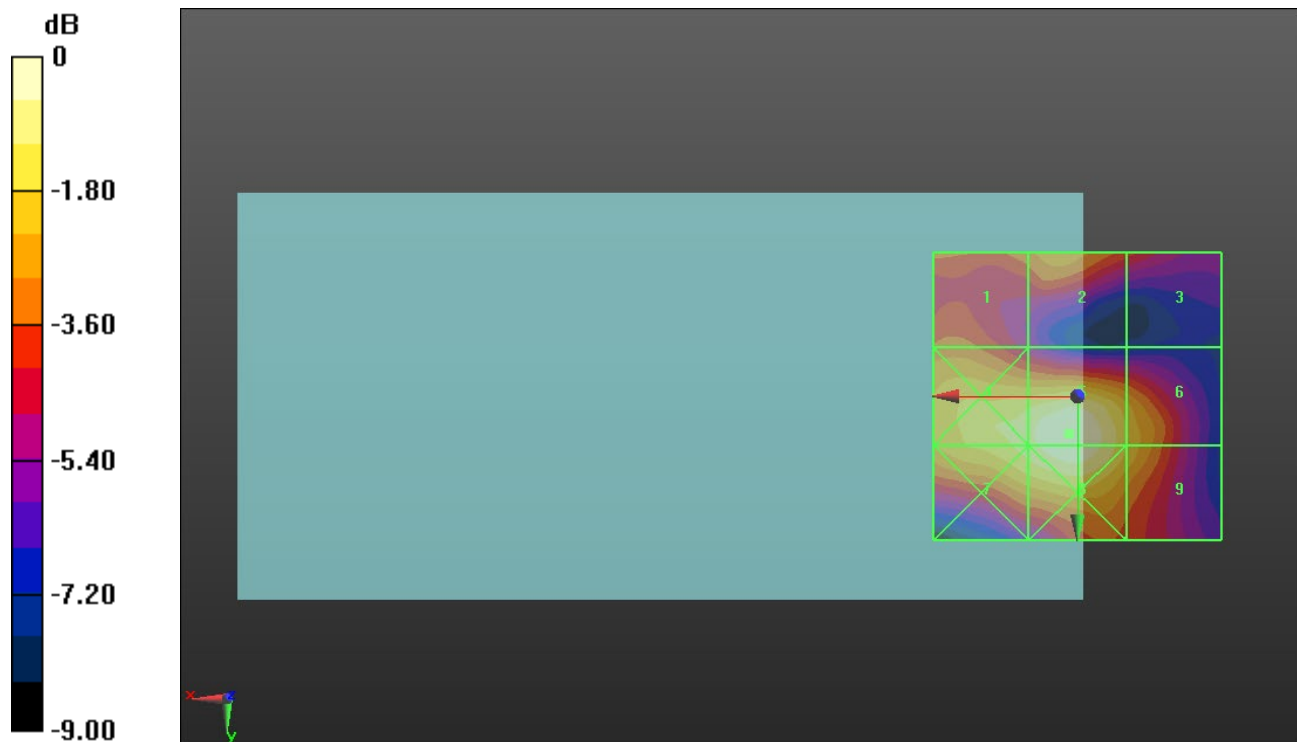
Applied MIF = -1.44 dB

RF audio interference level = 26.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.22 dBV/m	Grid 2 M4 23.67 dBV/m	Grid 3 M4 22.52 dBV/m
Grid 4 M4 25.6 dBV/m	Grid 5 M4 26.38 dBV/m	Grid 6 M4 24.69 dBV/m
Grid 7 M4 25.54 dBV/m	Grid 8 M4 26.28 dBV/m	Grid 9 M4 24.63 dBV/m



0 dB = 20.85 V/m = 26.38 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.47 V/m; Power Drift = -0.06 dB

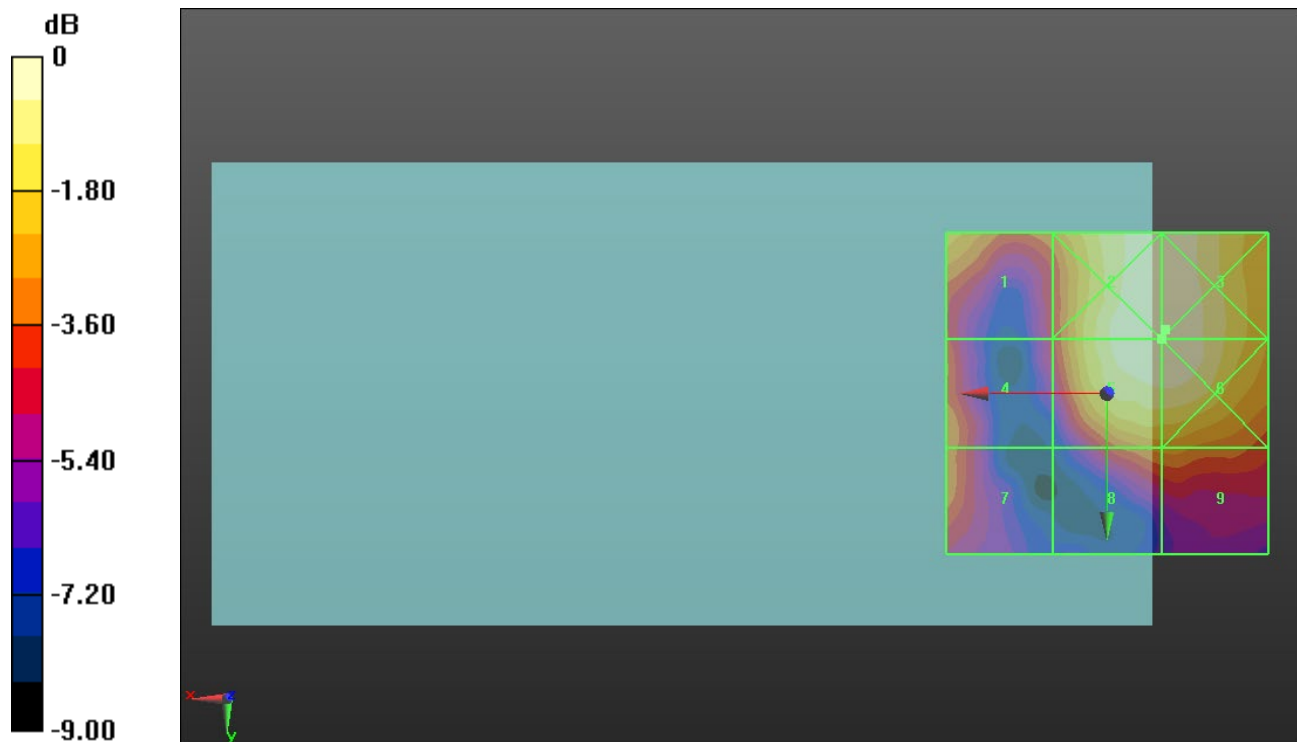
Applied MIF = -1.44 dB

RF audio interference level = 17.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.6 dBV/m	Grid 2 M4 17.56 dBV/m	Grid 3 M4 17.57 dBV/m
Grid 4 M4 14.52 dBV/m	Grid 5 M4 17.53 dBV/m	Grid 6 M4 17.54 dBV/m
Grid 7 M4 14.59 dBV/m	Grid 8 M4 14.81 dBV/m	Grid 9 M4 14.85 dBV/m



0 dB = 7.558 V/m = 17.57 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 = 8.987 V/m; Power Drift = -0.12 dB

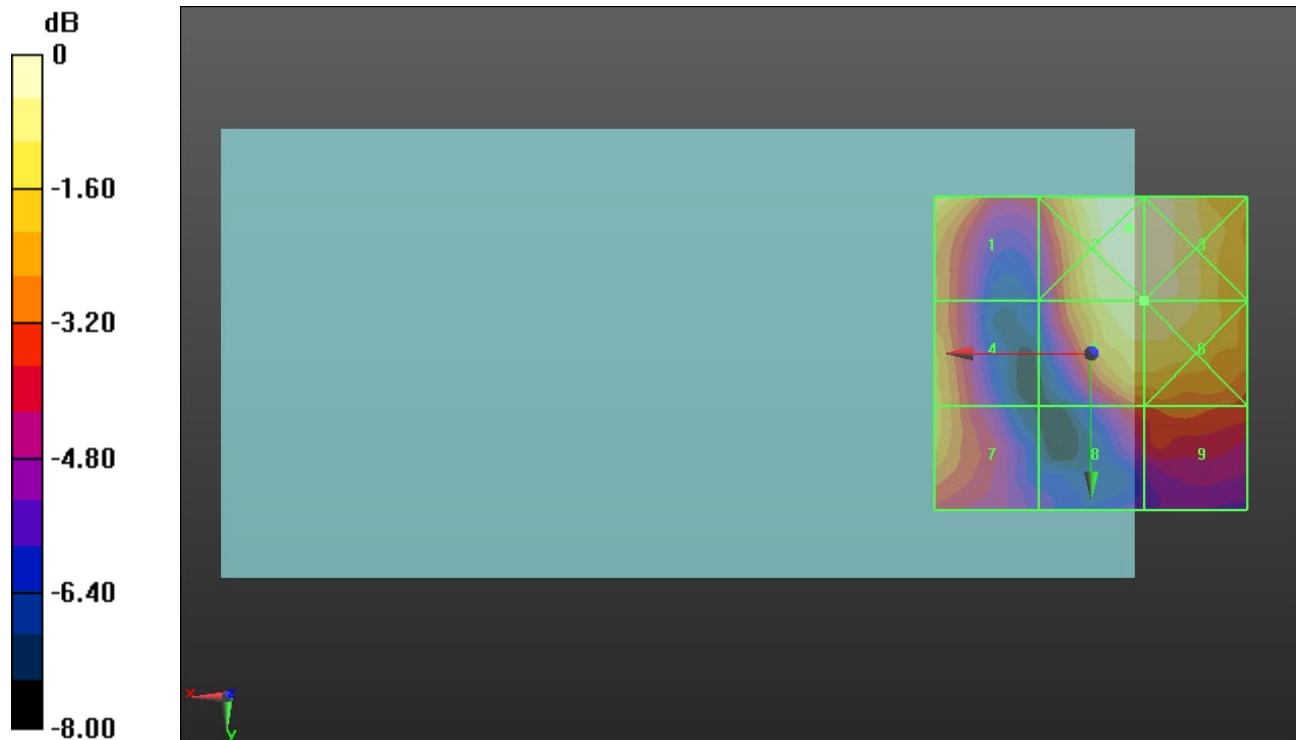
Applied MIF = -1.44 dB

RF audio interference level = 17.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.71 dBV/m	Grid 2 M4 17.7 dBV/m	Grid 3 M4 17.53 dBV/m
Grid 4 M4 15.93 dBV/m	Grid 5 M4 17.19 dBV/m	Grid 6 M4 17.23 dBV/m
Grid 7 M4 15.94 dBV/m	Grid 8 M4 14.5 dBV/m	Grid 9 M4 14.8 dBV/m



0 dB = 7.671 V/m = 17.70 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 = 6.538 V/m; Power Drift = 0.17 dB

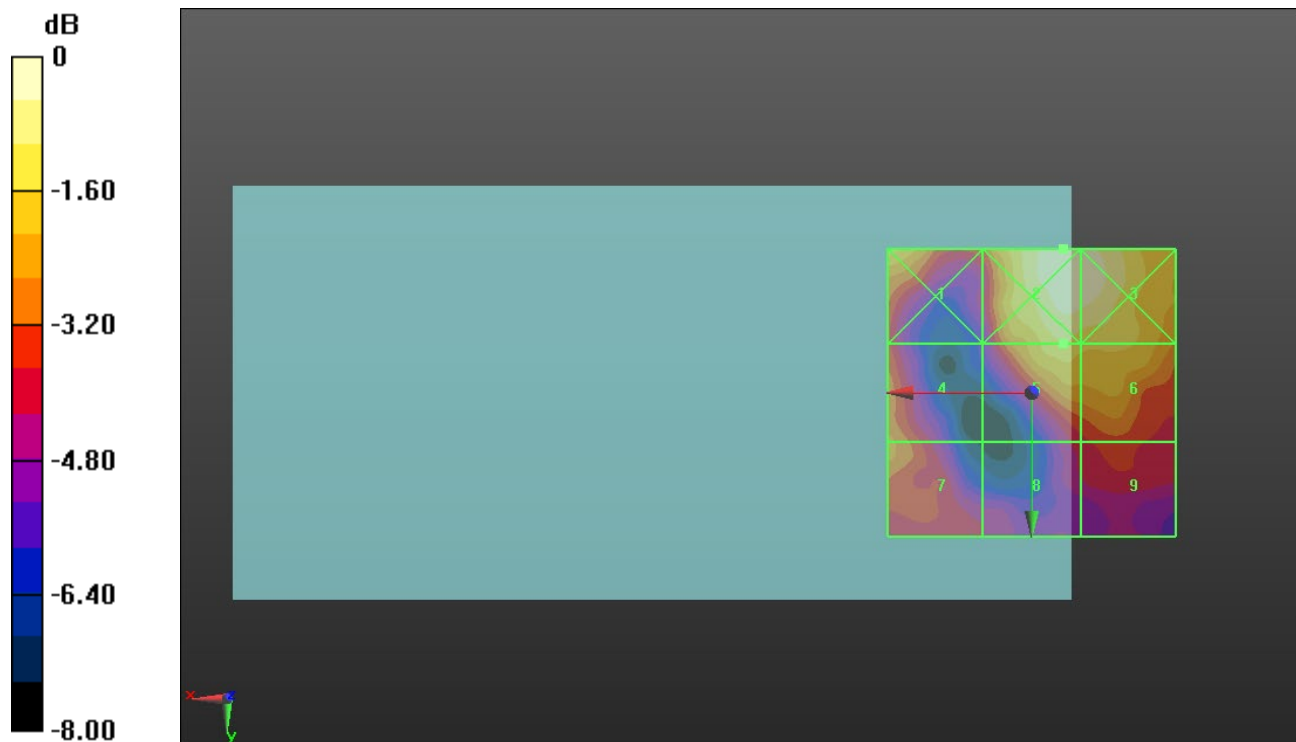
Applied MIF = -1.44 dB

RF audio interference level = 15.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.51 dBV/m	Grid 2 M4 16.78 dBV/m	Grid 3 M4 16.66 dBV/m
Grid 4 M4 14.38 dBV/m	Grid 5 M4 15.64 dBV/m	Grid 6 M4 15.41 dBV/m
Grid 7 M4 14.44 dBV/m	Grid 8 M4 12.84 dBV/m	Grid 9 M4 13.4 dBV/m



0 dB = 6.900 V/m = 16.78 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

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

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.224 V/m; Power Drift = 0.03 dB

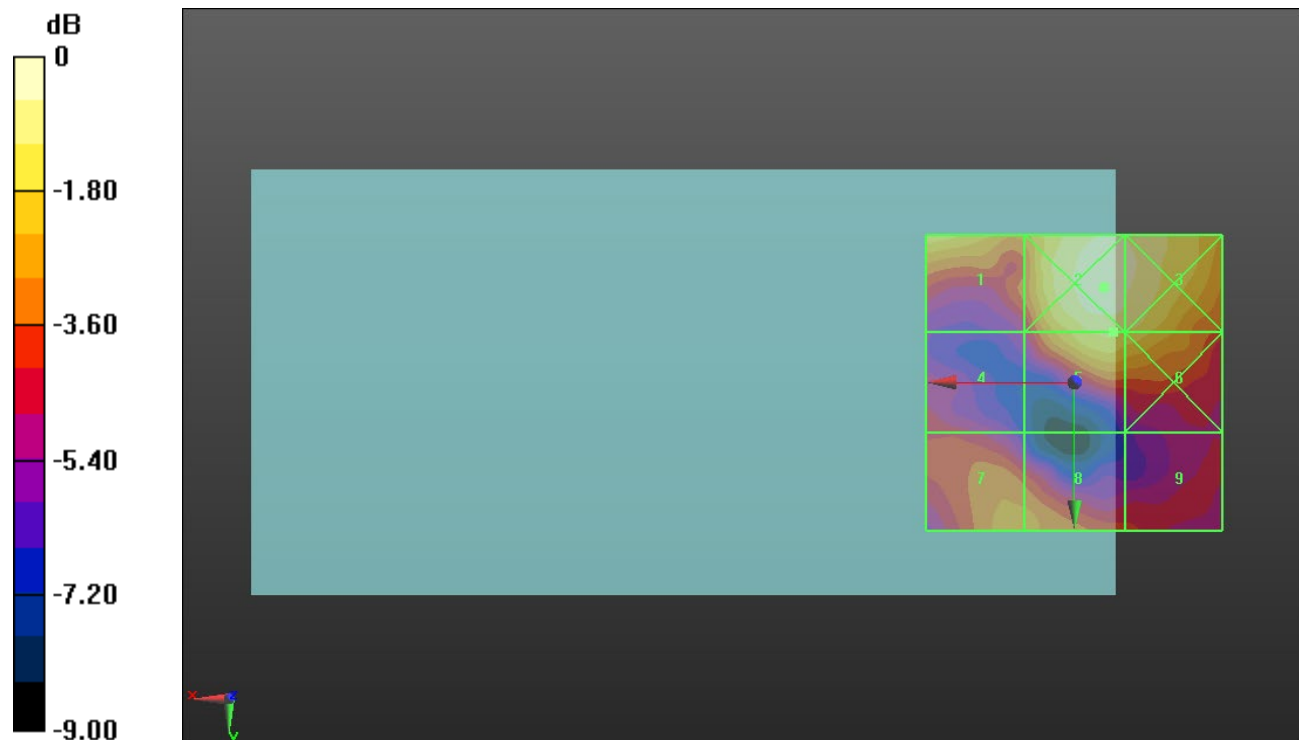
Applied MIF = -1.44 dB

RF audio interference level = 15.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.22 dBV/m	Grid 2 M4 16.43 dBV/m	Grid 3 M4 16.01 dBV/m
Grid 4 M4 12.16 dBV/m	Grid 5 M4 15.34 dBV/m	Grid 6 M4 15.22 dBV/m
Grid 7 M4 14.01 dBV/m	Grid 8 M4 13.94 dBV/m	Grid 9 M4 12.47 dBV/m



0 dB = 6.633 V/m = 16.43 dBV/m