

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 128/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.31 V/m; Power Drift = -0.05 dB

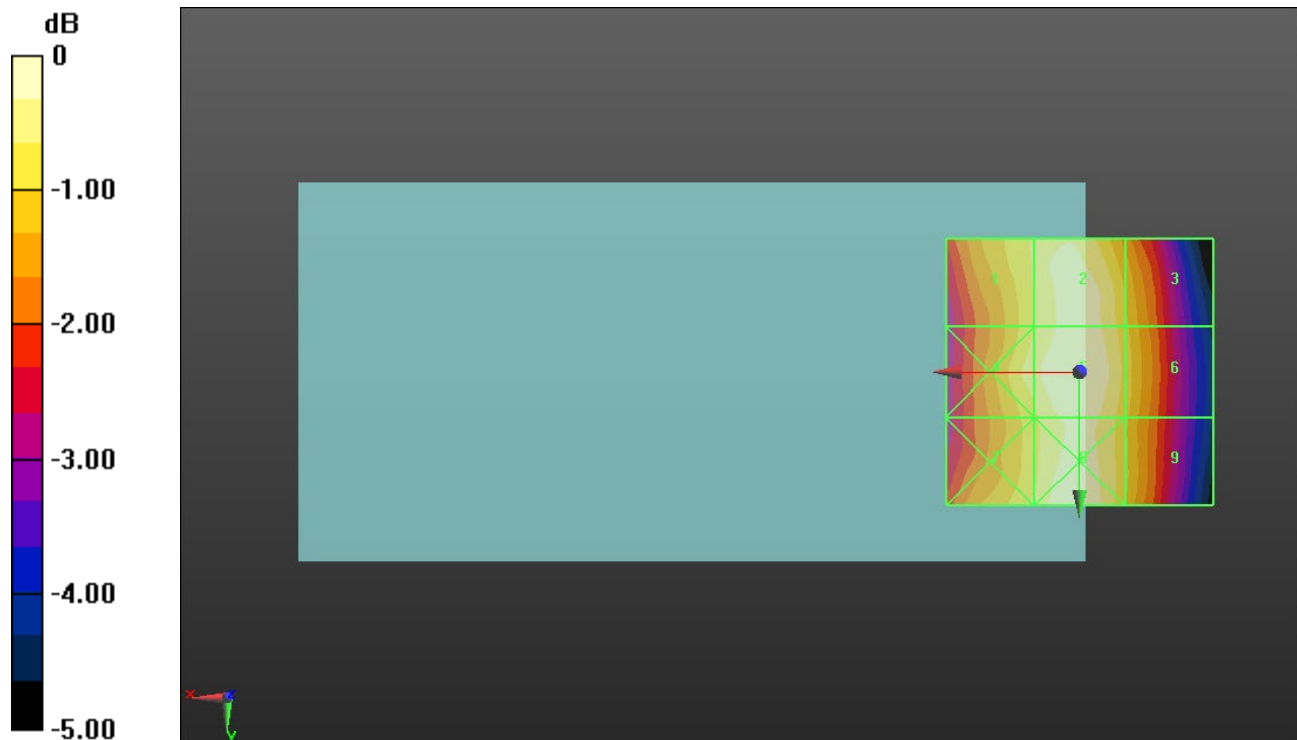
Applied MIF = 3.63 dB

RF audio interference level = 28.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.38 dBV/m	Grid 2 M4 28.82 dBV/m	Grid 3 M4 28.09 dBV/m
Grid 4 M4 28.56 dBV/m	Grid 5 M4 28.98 dBV/m	Grid 6 M4 28.21 dBV/m
Grid 7 M4 28.42 dBV/m	Grid 8 M4 28.85 dBV/m	Grid 9 M4 28.08 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: 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 = 24.21 V/m; Power Drift = 0.00 dB

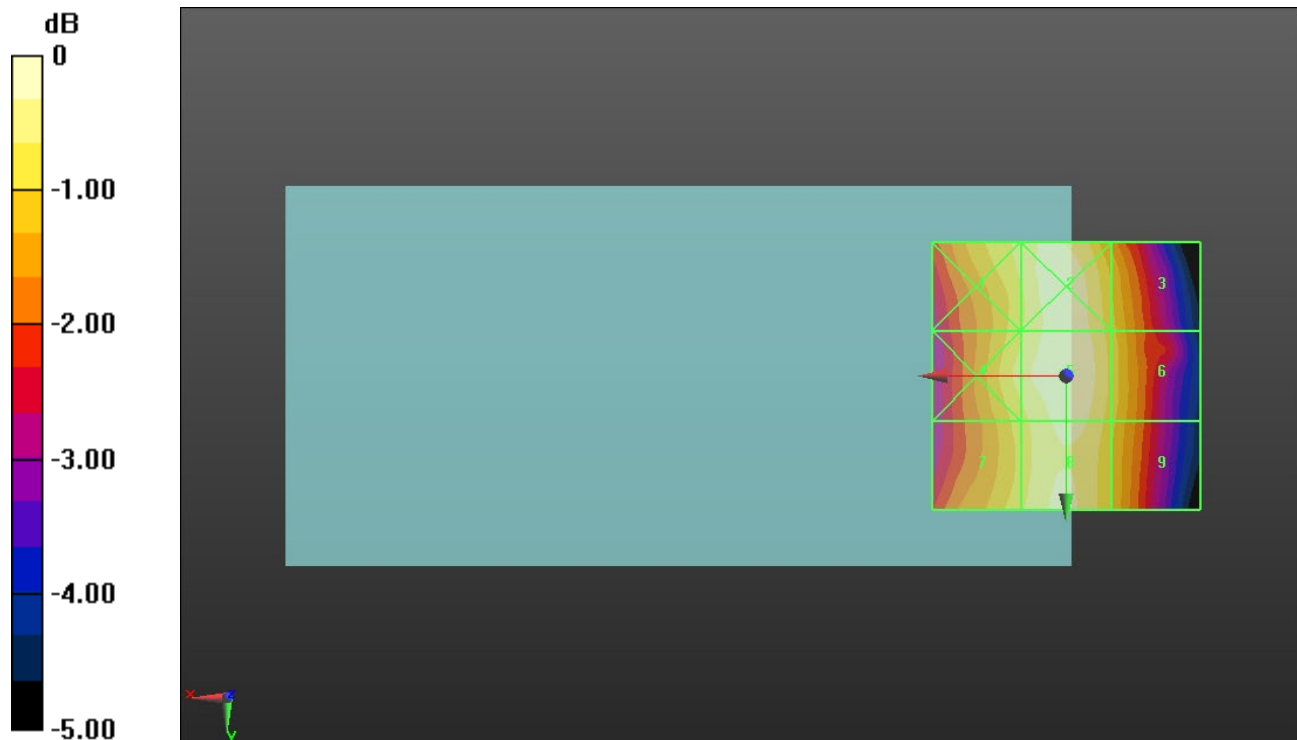
Applied MIF = 3.63 dB

RF audio interference level = 28.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.1 dBV/m	Grid 2 M4 28.5 dBV/m	Grid 3 M4 27.79 dBV/m
Grid 4 M4 28.15 dBV/m	Grid 5 M4 28.66 dBV/m	Grid 6 M4 27.88 dBV/m
Grid 7 M4 27.94 dBV/m	Grid 8 M4 28.43 dBV/m	Grid 9 M4 27.77 dBV/m



0 dB = 27.09 V/m = 28.66 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.10 V/m; Power Drift = -0.00 dB

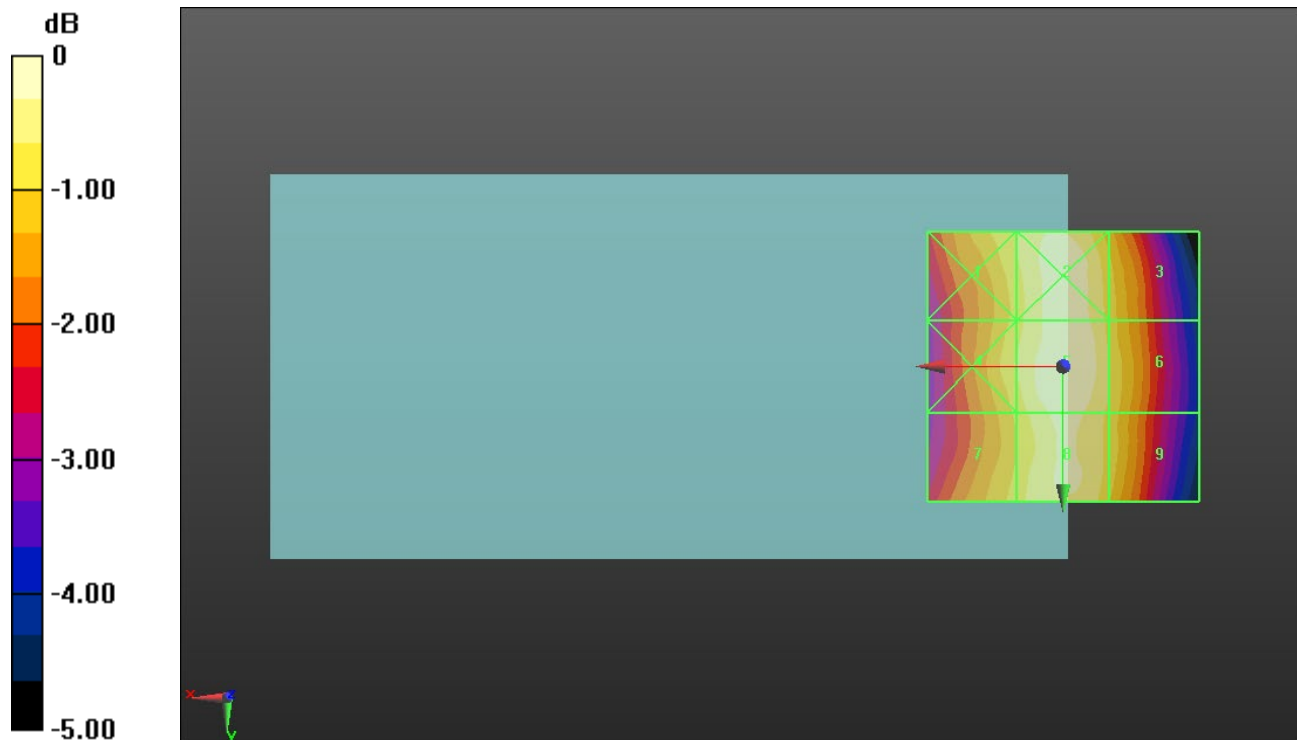
Applied MIF = 3.63 dB

RF audio interference level = 28.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.01 dBV/m	Grid 2 M4 28.55 dBV/m	Grid 3 M4 27.89 dBV/m
Grid 4 M4 28.05 dBV/m	Grid 5 M4 28.67 dBV/m	Grid 6 M4 28.04 dBV/m
Grid 7 M4 27.85 dBV/m	Grid 8 M4 28.45 dBV/m	Grid 9 M4 27.93 dBV/m



0 dB = 27.13 V/m = 28.67 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.25 V/m; Power Drift = 0.02 dB

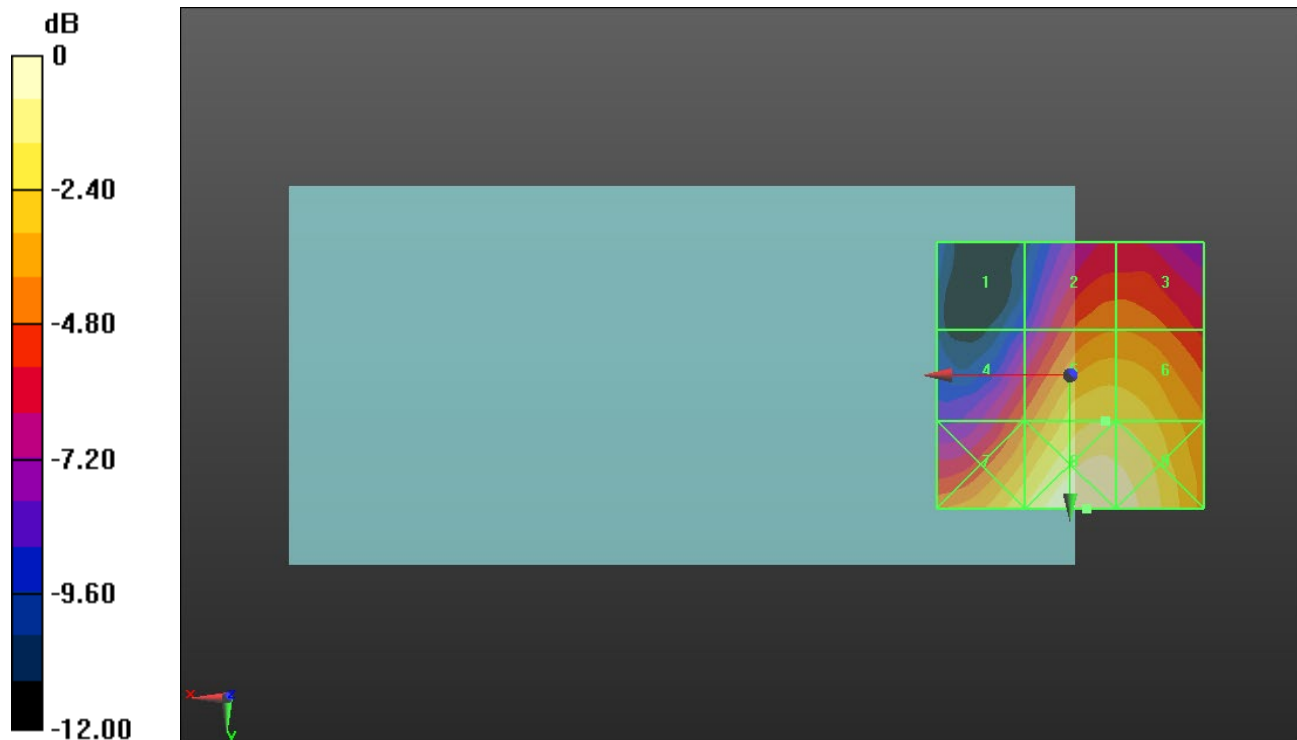
Applied MIF = 3.63 dB

RF audio interference level = 26.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.71 dBV/m	Grid 2 M4 24.18 dBV/m	Grid 3 M4 24.19 dBV/m
Grid 4 M4 23.77 dBV/m	Grid 5 M4 26.65 dBV/m	Grid 6 M4 26.59 dBV/m
Grid 7 M4 26.64 dBV/m	Grid 8 M4 28.2 dBV/m	Grid 9 M4 27.91 dBV/m



0 dB = 25.71 V/m = 28.20 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 = 17.30 V/m; Power Drift = -0.05 dB

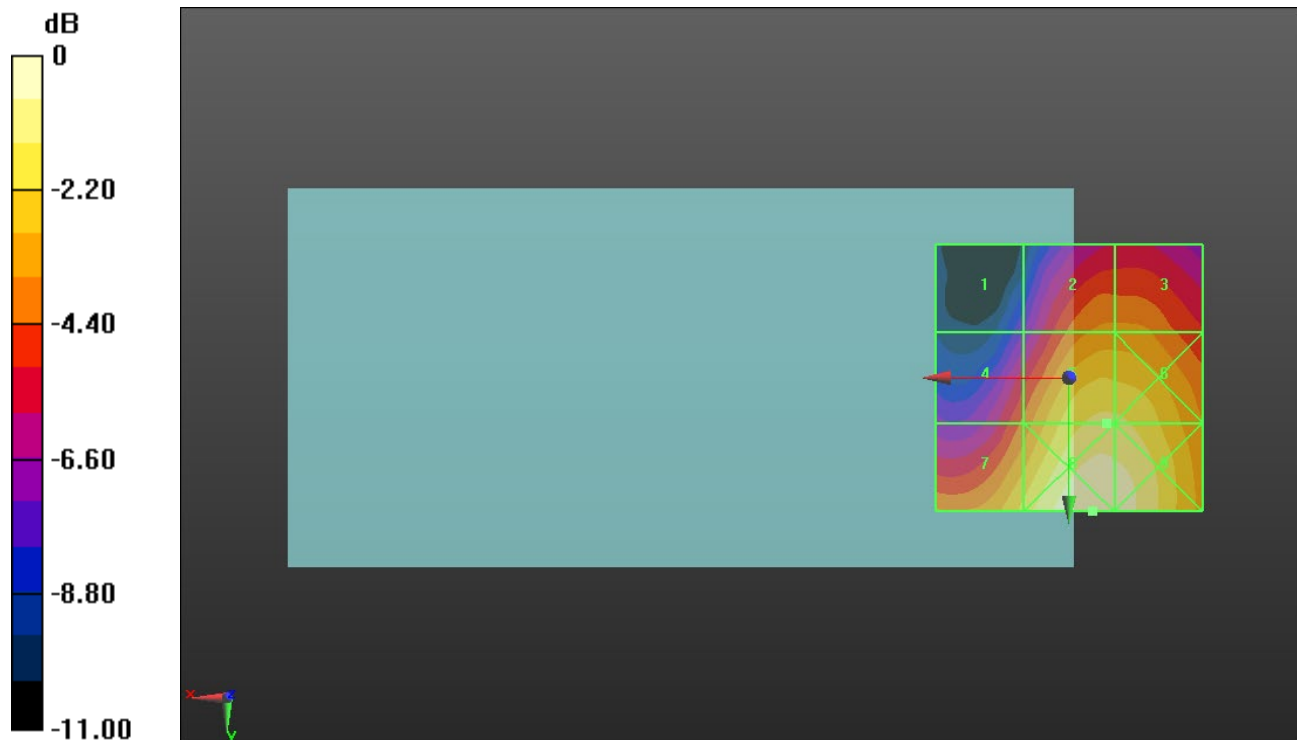
Applied MIF = 3.63 dB

RF audio interference level = 27.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.56 dBV/m	Grid 2 M4 25.43 dBV/m	Grid 3 M4 25.43 dBV/m
Grid 4 M4 24.66 dBV/m	Grid 5 M4 27.56 dBV/m	Grid 6 M4 27.52 dBV/m
Grid 7 M4 26.89 dBV/m	Grid 8 M4 28.82 dBV/m	Grid 9 M4 28.59 dBV/m



0 dB = 27.60 V/m = 28.82 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 = 16.73 V/m; Power Drift = 0.01 dB

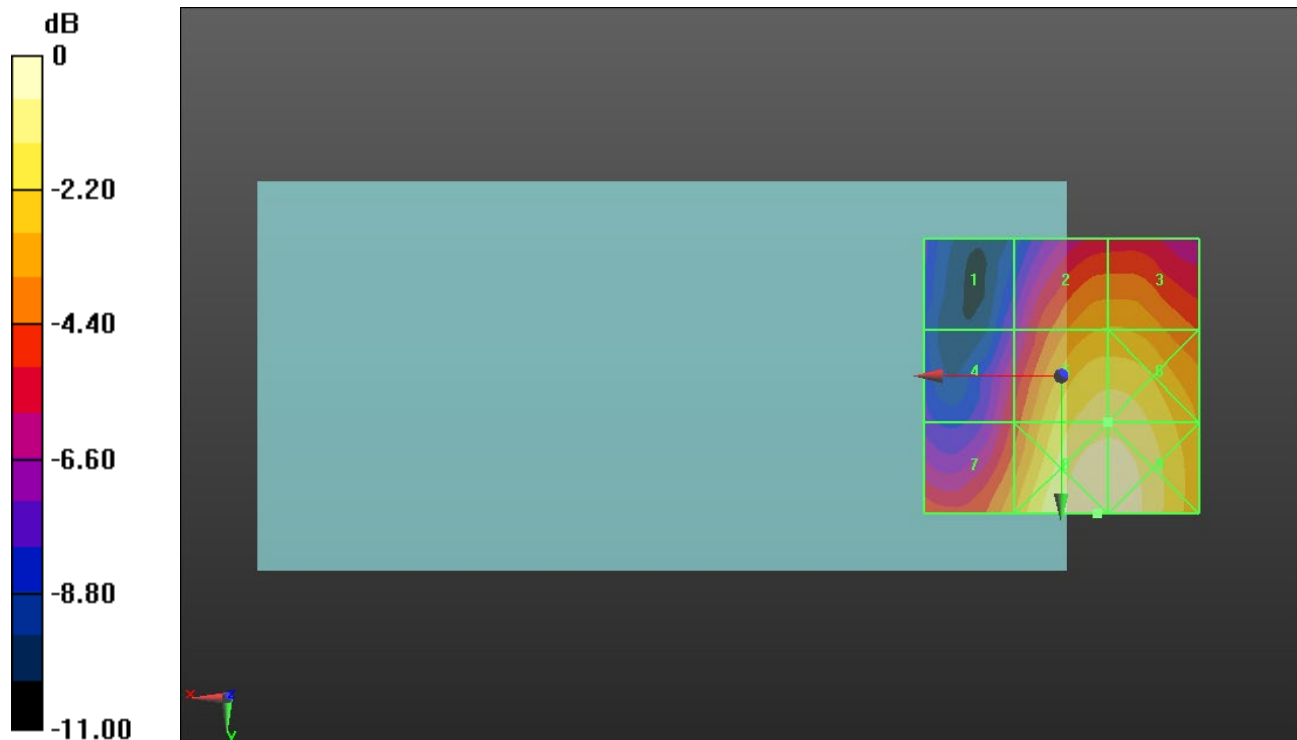
Applied MIF = 3.63 dB

RF audio interference level = 27.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.43 dBV/m	Grid 2 M4 25.59 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 23.6 dBV/m	Grid 5 M4 27.5 dBV/m	Grid 6 M4 27.51 dBV/m
Grid 7 M4 25.5 dBV/m	Grid 8 M4 28.45 dBV/m	Grid 9 M4 28.37 dBV/m



0 dB = 26.46 V/m = 28.45 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 9.825 V/m; Power Drift = -0.01 dB

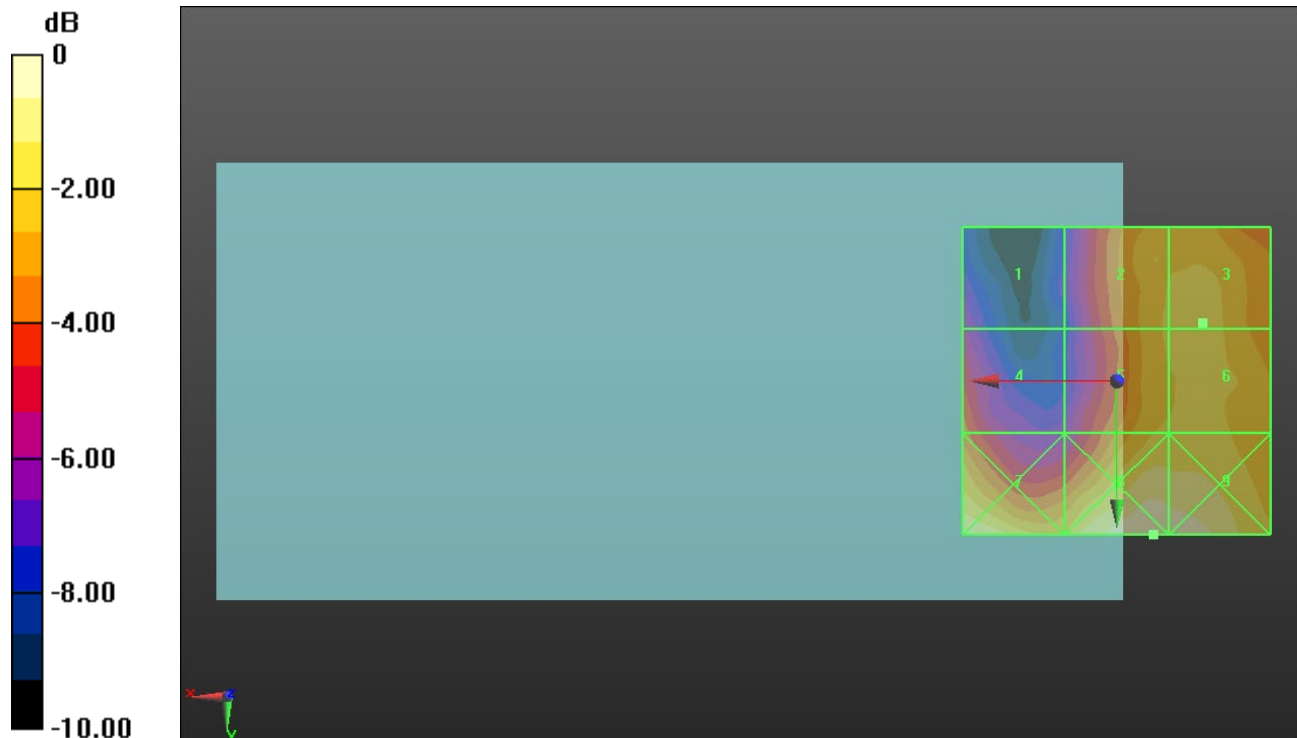
Applied MIF = -1.44 dB

RF audio interference level = 18.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.8 dBV/m	Grid 2 M4 18.67 dBV/m	Grid 3 M4 18.99 dBV/m
Grid 4 M4 17.03 dBV/m	Grid 5 M4 18.74 dBV/m	Grid 6 M4 18.98 dBV/m
Grid 7 M4 20.19 dBV/m	Grid 8 M4 20.58 dBV/m	Grid 9 M4 20.51 dBV/m



0 dB = 10.69 V/m = 20.58 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 = 10.07 V/m; Power Drift = -0.04 dB

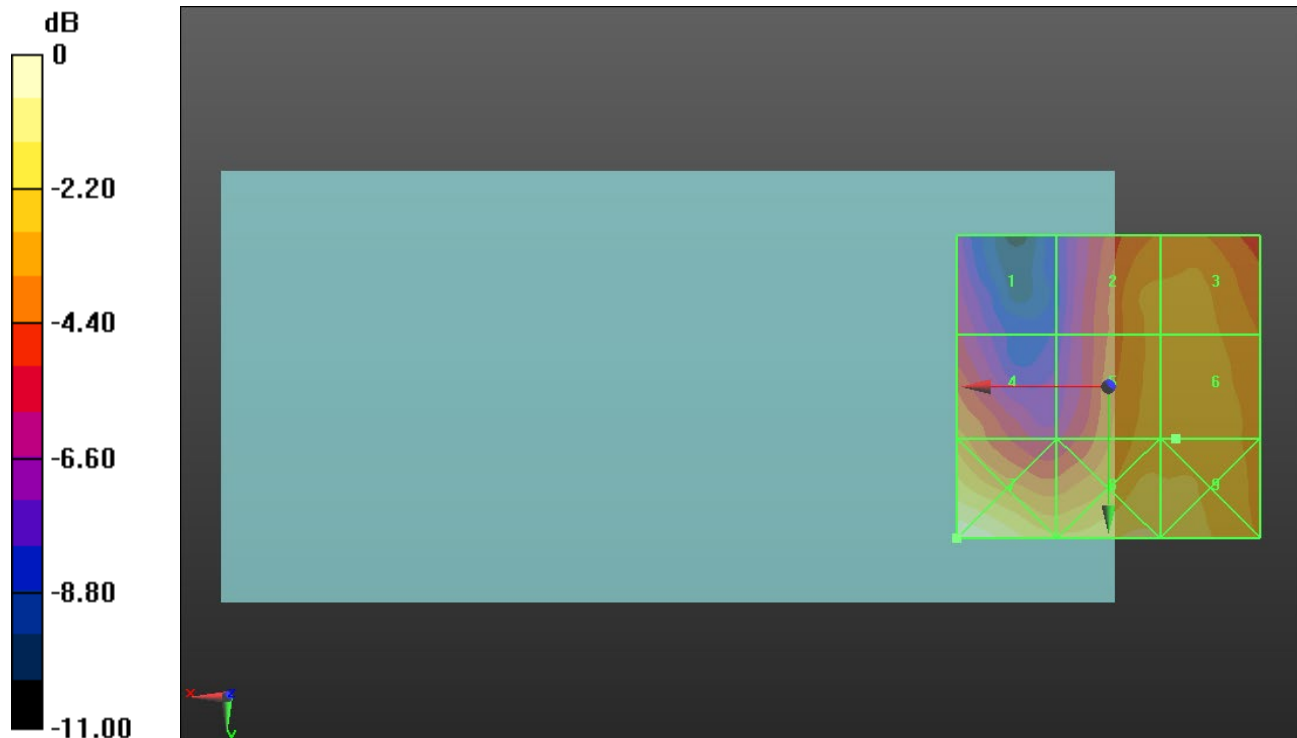
Applied MIF = -1.44 dB

RF audio interference level = 19.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.74 dBV/m	Grid 2 M4 18.64 dBV/m	Grid 3 M4 18.78 dBV/m
Grid 4 M4 18.02 dBV/m	Grid 5 M4 18.91 dBV/m	Grid 6 M4 19.01 dBV/m
Grid 7 M4 21.29 dBV/m	Grid 8 M4 20.02 dBV/m	Grid 9 M4 19.9 dBV/m



0 dB = 11.60 V/m = 21.29 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 = 8.884 V/m; Power Drift = 0.05 dB

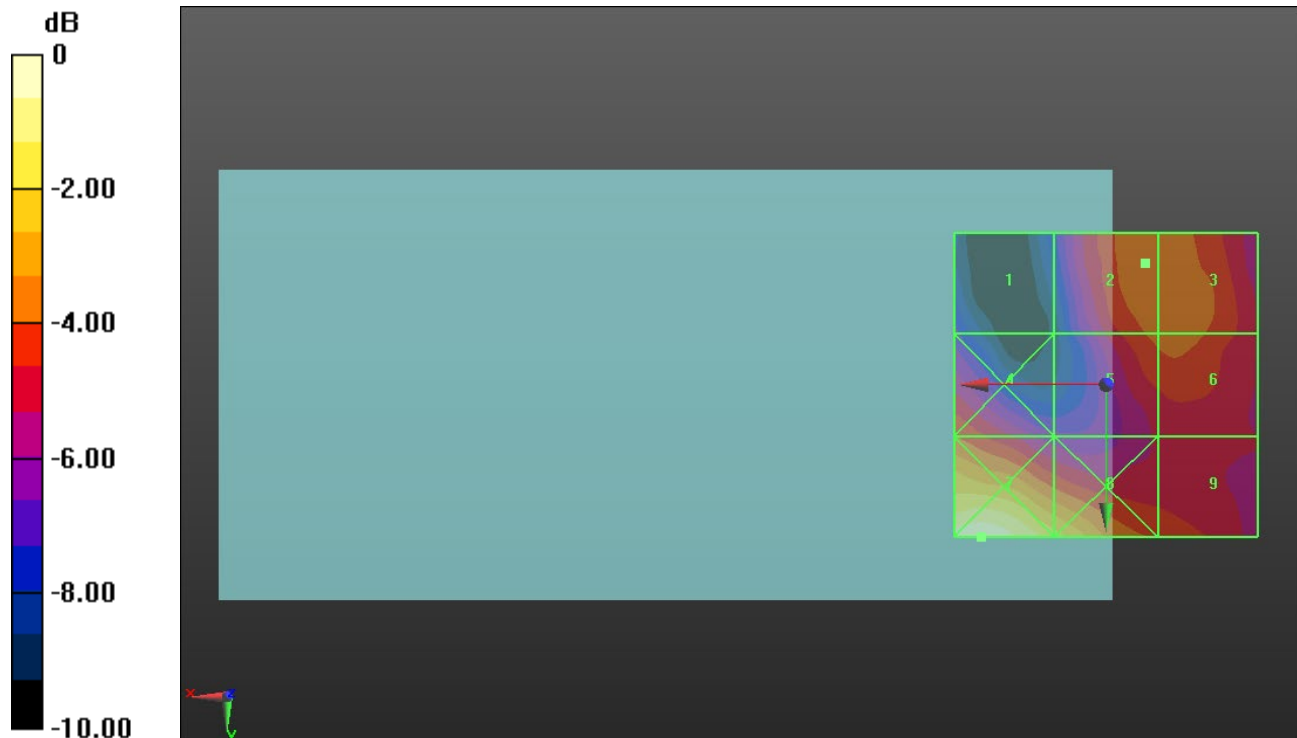
Applied MIF = -1.44 dB

RF audio interference level = 19.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.55 dBV/m	Grid 2 M4 19.13 dBV/m	Grid 3 M4 19.09 dBV/m
Grid 4 M4 18.57 dBV/m	Grid 5 M4 18.69 dBV/m	Grid 6 M4 18.79 dBV/m
Grid 7 M4 22.48 dBV/m	Grid 8 M4 20.78 dBV/m	Grid 9 M4 18.46 dBV/m



0 dB = 13.30 V/m = 22.48 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 = 11.31 V/m; Power Drift = -0.06 dB

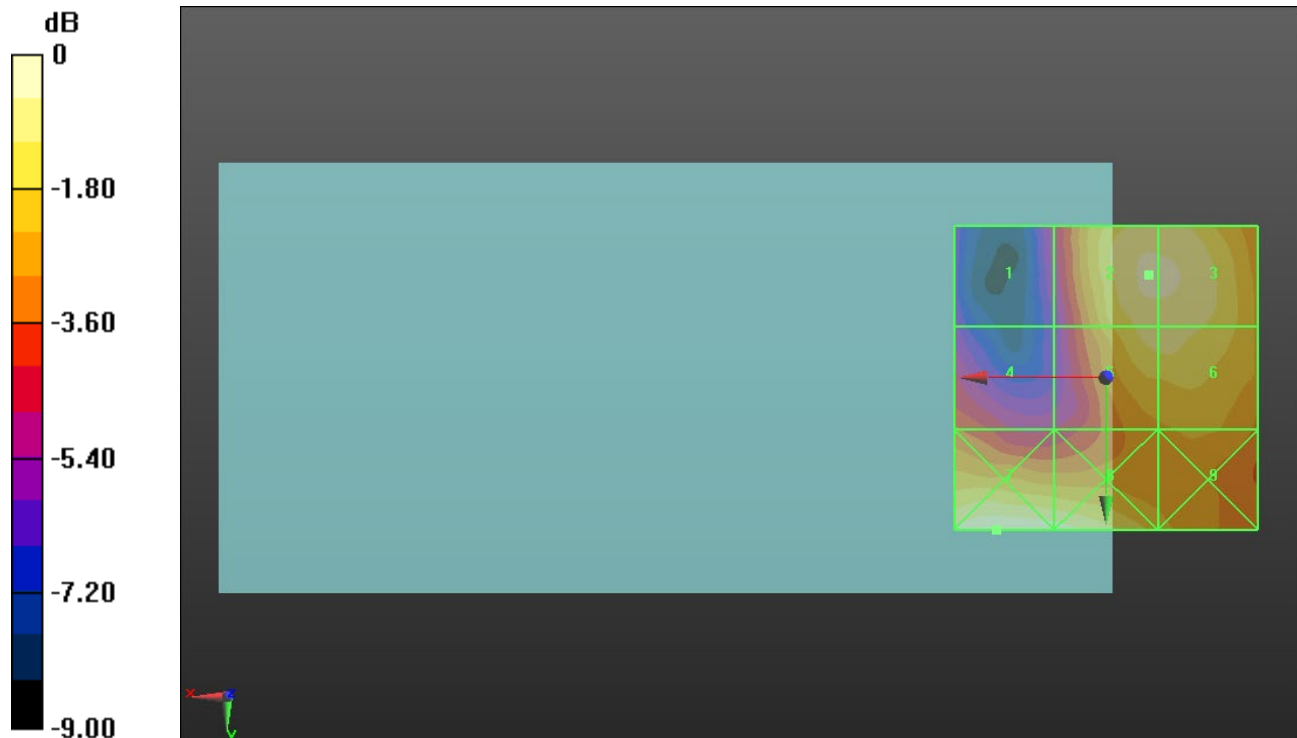
Applied MIF = -1.44 dB

RF audio interference level = 20.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.32 dBV/m	Grid 2 M4 20.64 dBV/m	Grid 3 M4 20.62 dBV/m
Grid 4 M4 17.67 dBV/m	Grid 5 M4 20.28 dBV/m	Grid 6 M4 20.3 dBV/m
Grid 7 M4 21.13 dBV/m	Grid 8 M4 20.97 dBV/m	Grid 9 M4 19.03 dBV/m



0 dB = 11.39 V/m = 21.13 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 = 11.68 V/m; Power Drift = -0.13 dB

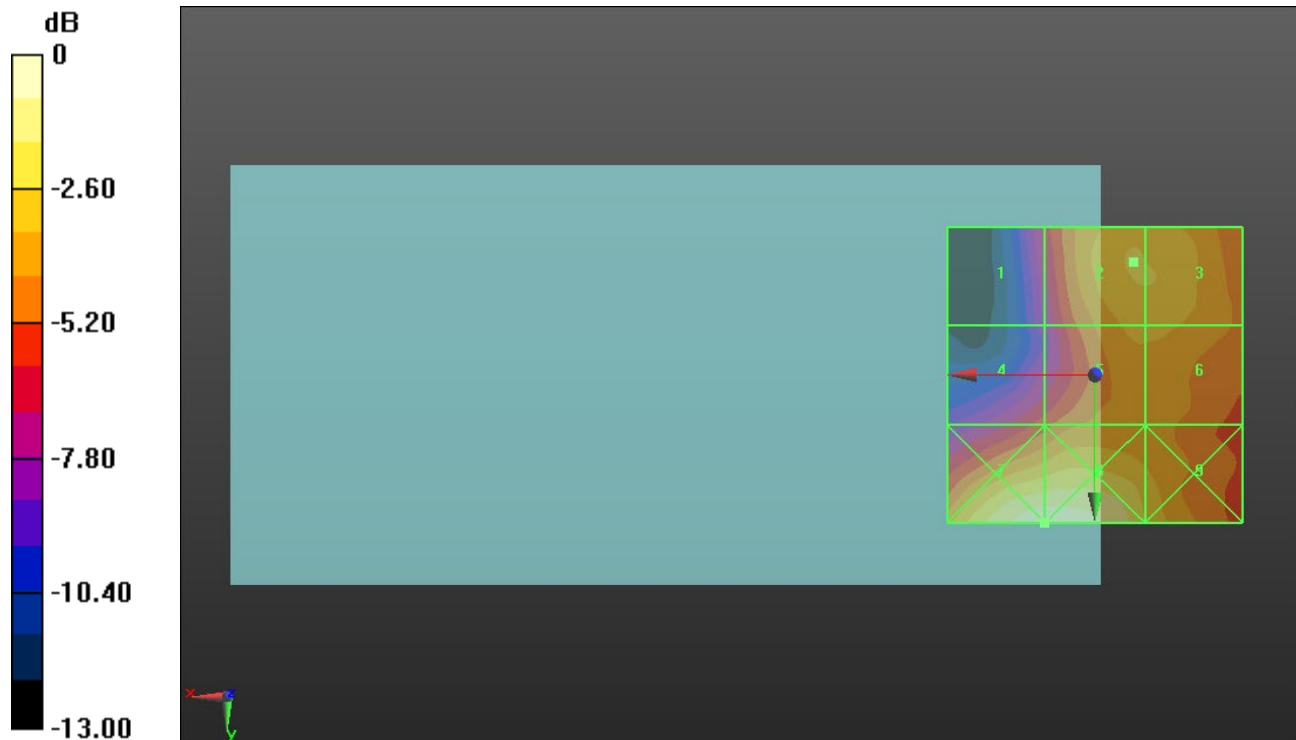
Applied MIF = -1.44 dB

RF audio interference level = 20.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.44 dBV/m	Grid 2 M4 20.48 dBV/m	Grid 3 M4 20.45 dBV/m
Grid 4 M4 17.51 dBV/m	Grid 5 M4 19.9 dBV/m	Grid 6 M4 19.92 dBV/m
Grid 7 M4 22.99 dBV/m	Grid 8 M4 22.99 dBV/m	Grid 9 M4 20.35 dBV/m



0 dB = 14.12 V/m = 23.00 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_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.73 V/m; Power Drift = 0.00 dB

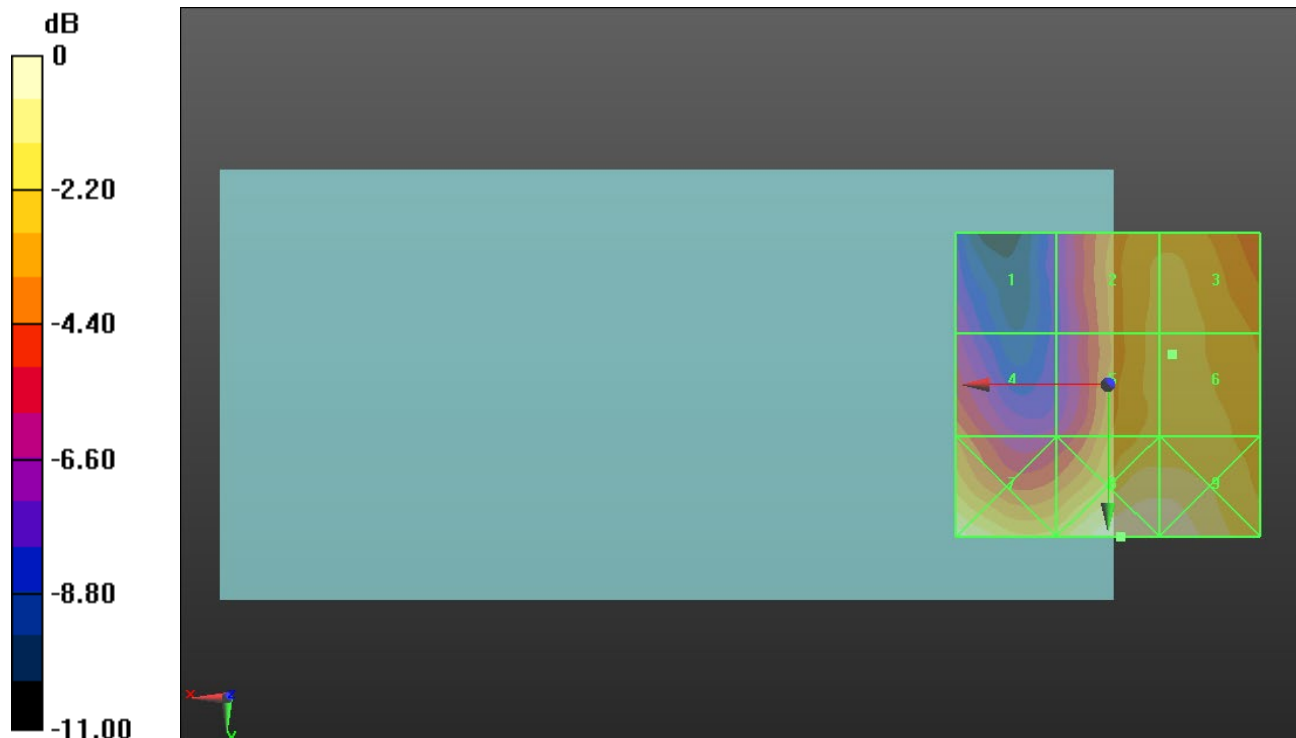
Applied MIF = -1.44 dB

RF audio interference level = 20.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.46 dBV/m	Grid 2 M4 19.8 dBV/m	Grid 3 M4 19.87 dBV/m
Grid 4 M4 18.09 dBV/m	Grid 5 M4 19.96 dBV/m	Grid 6 M4 20.09 dBV/m
Grid 7 M4 21.6 dBV/m	Grid 8 M4 21.83 dBV/m	Grid 9 M4 21.64 dBV/m



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

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.83 V/m; Power Drift = -0.13 dB

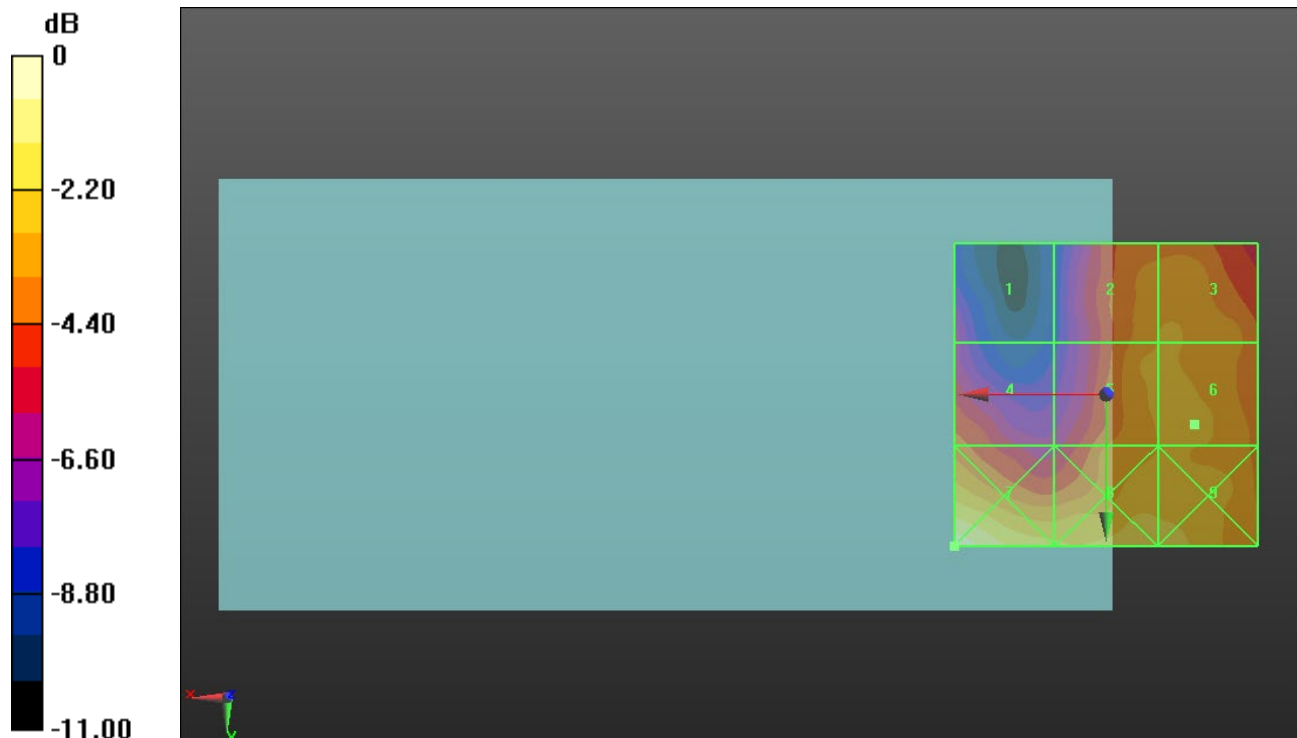
Applied MIF = -1.44 dB

RF audio interference level = 20.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.8 dBV/m	Grid 2 M4 20.02 dBV/m	Grid 3 M4 20.13 dBV/m
Grid 4 M4 18.91 dBV/m	Grid 5 M4 20.28 dBV/m	Grid 6 M4 20.51 dBV/m
Grid 7 M4 22.91 dBV/m	Grid 8 M4 21.45 dBV/m	Grid 9 M4 21.45 dBV/m



0 dB = 13.98 V/m = 22.91 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.09 V/m; Power Drift = -0.02 dB

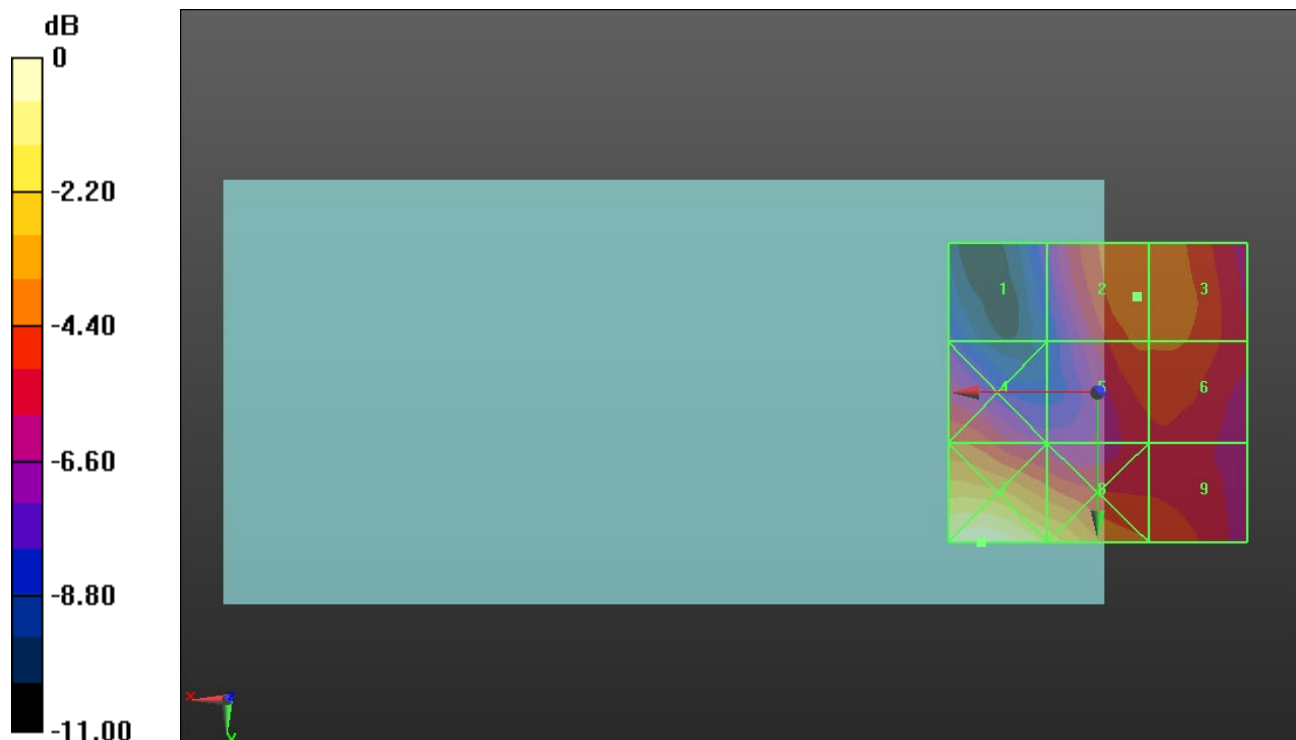
Applied MIF = -1.44 dB

RF audio interference level = 20.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.47 dBV/m	Grid 2 M4 20.07 dBV/m	Grid 3 M4 20.03 dBV/m
Grid 4 M4 19.5 dBV/m	Grid 5 M4 19.55 dBV/m	Grid 6 M4 19.56 dBV/m
Grid 7 M4 23.8 dBV/m	Grid 8 M4 22.25 dBV/m	Grid 9 M4 19.48 dBV/m



0 dB = 15.49 V/m = 23.80 dBV/m

HAC-RF Emission ANT1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.60 V/m; Power Drift = 0.00 dB

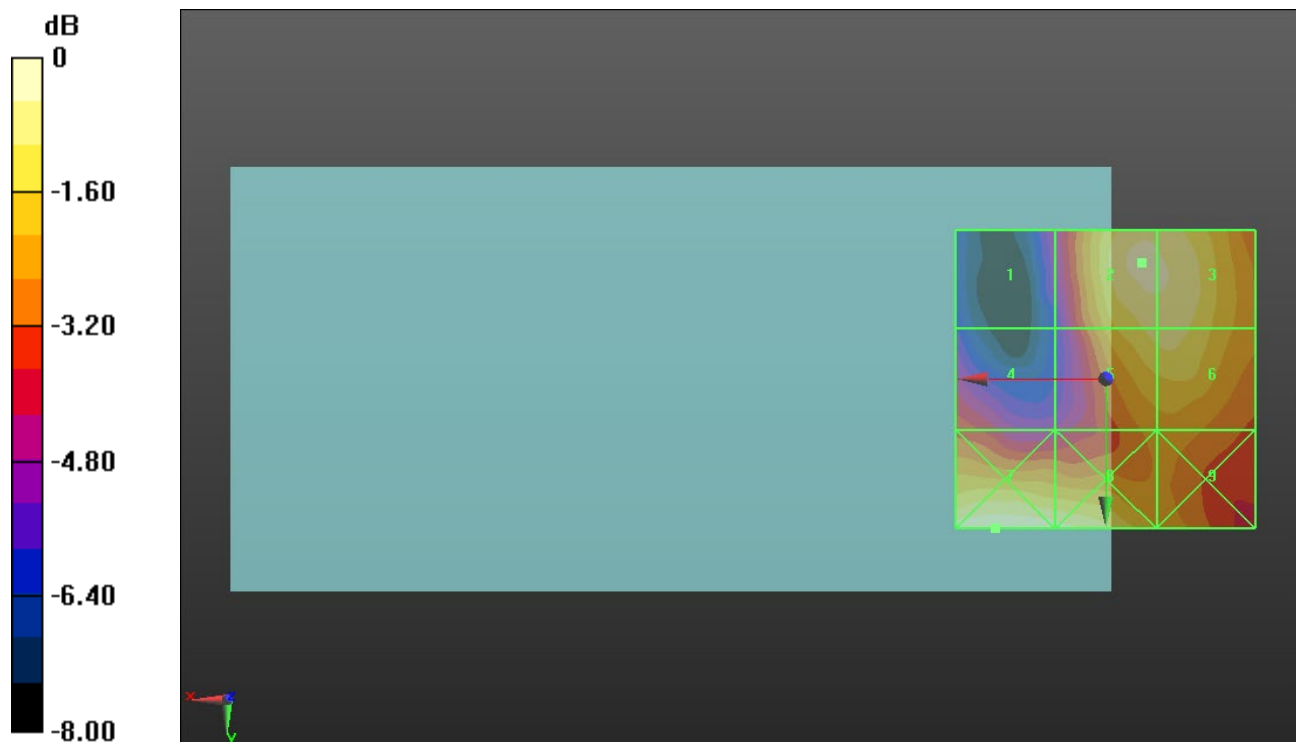
Applied MIF = -1.44 dB

RF audio interference level = 21.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.44 dBV/m	Grid 2 M4 21.78 dBV/m	Grid 3 M4 21.64 dBV/m
Grid 4 M4 18.72 dBV/m	Grid 5 M4 21.24 dBV/m	Grid 6 M4 21.29 dBV/m
Grid 7 M4 22.07 dBV/m	Grid 8 M4 21.92 dBV/m	Grid 9 M4 19.94 dBV/m



0 dB = 12.69 V/m = 22.07 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 = 12.41 V/m; Power Drift = 0.04 dB

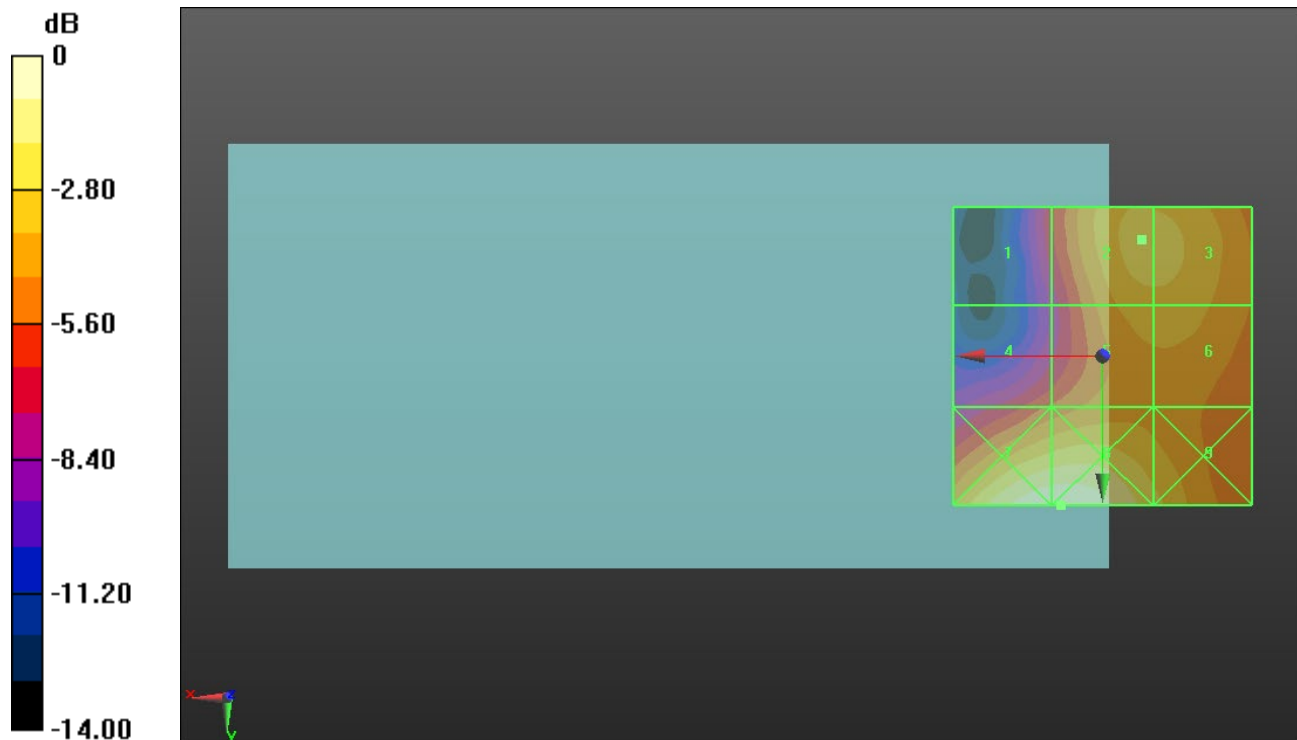
Applied MIF = -1.44 dB

RF audio interference level = 21.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.08 dBV/m	Grid 2 M4 21.24 dBV/m	Grid 3 M4 21.2 dBV/m
Grid 4 M4 18.3 dBV/m	Grid 5 M4 20.62 dBV/m	Grid 6 M4 20.64 dBV/m
Grid 7 M4 23.65 dBV/m	Grid 8 M4 23.68 dBV/m	Grid 9 M4 21.28 dBV/m



0 dB = 15.27 V/m = 23.68 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 = 110.2 V/m; Power Drift = -0.06 dB

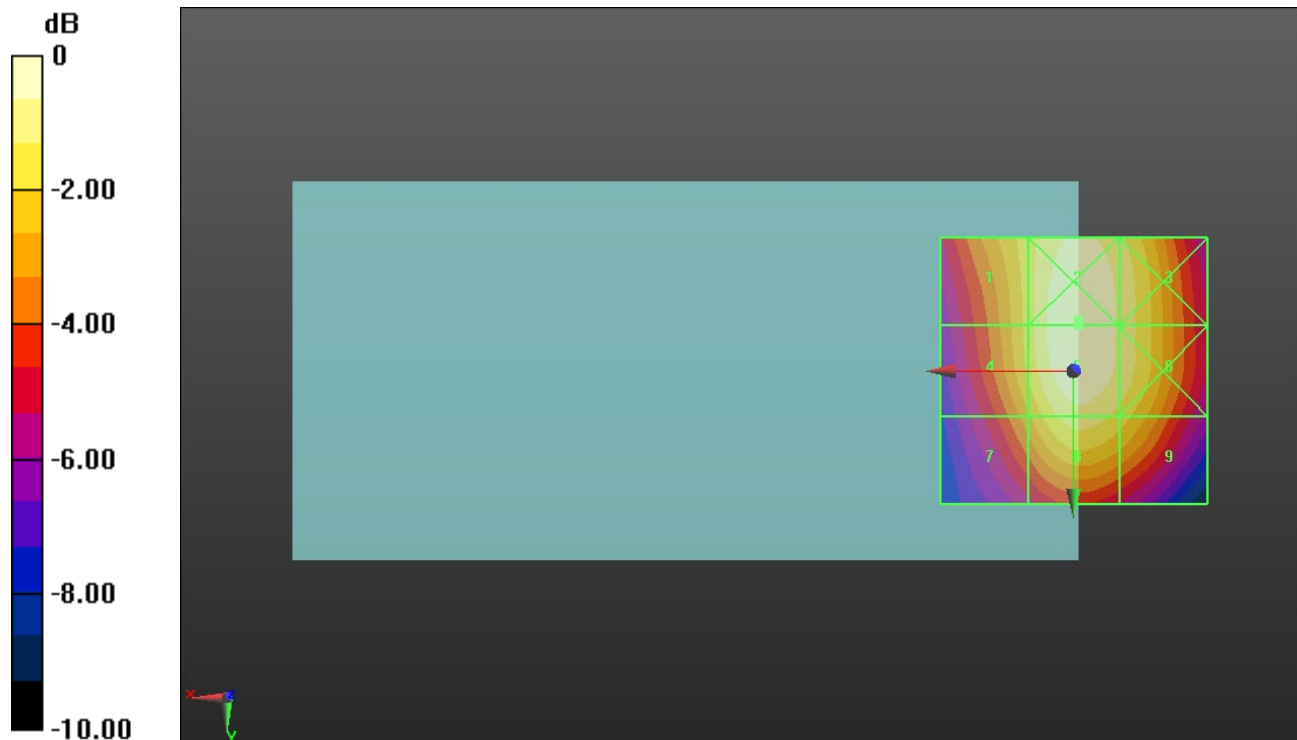
Applied MIF = 3.63 dB

RF audio interference level = 39.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.85 dBV/m	Grid 2 M4 39.45 dBV/m	Grid 3 M4 38.69 dBV/m
Grid 4 M4 37.76 dBV/m	Grid 5 M4 39.45 dBV/m	Grid 6 M4 38.69 dBV/m
Grid 7 M4 36.64 dBV/m	Grid 8 M4 38.51 dBV/m	Grid 9 M4 37.87 dBV/m



0 dB = 93.87 V/m = 39.45 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 = 121.5 V/m; Power Drift = 0.02 dB

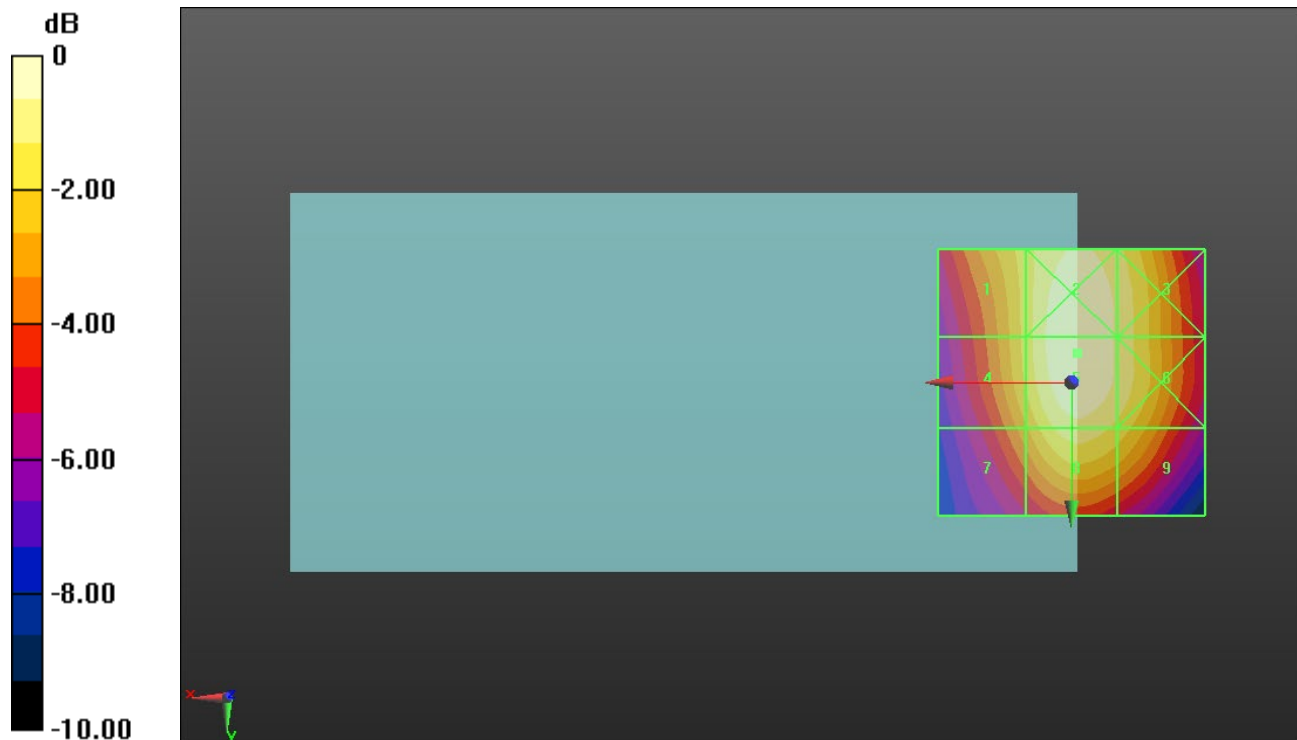
Applied MIF = 3.63 dB

RF audio interference level = 40.37 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.76 dBV/m	Grid 2 M3 40.37 dBV/m	Grid 3 M4 39.62 dBV/m
Grid 4 M4 38.67 dBV/m	Grid 5 M3 40.37 dBV/m	Grid 6 M4 39.62 dBV/m
Grid 7 M4 37.62 dBV/m	Grid 8 M4 39.49 dBV/m	Grid 9 M4 38.86 dBV/m



0 dB = 104.4 V/m = 40.37 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 = 126.3 V/m; Power Drift = -0.02 dB

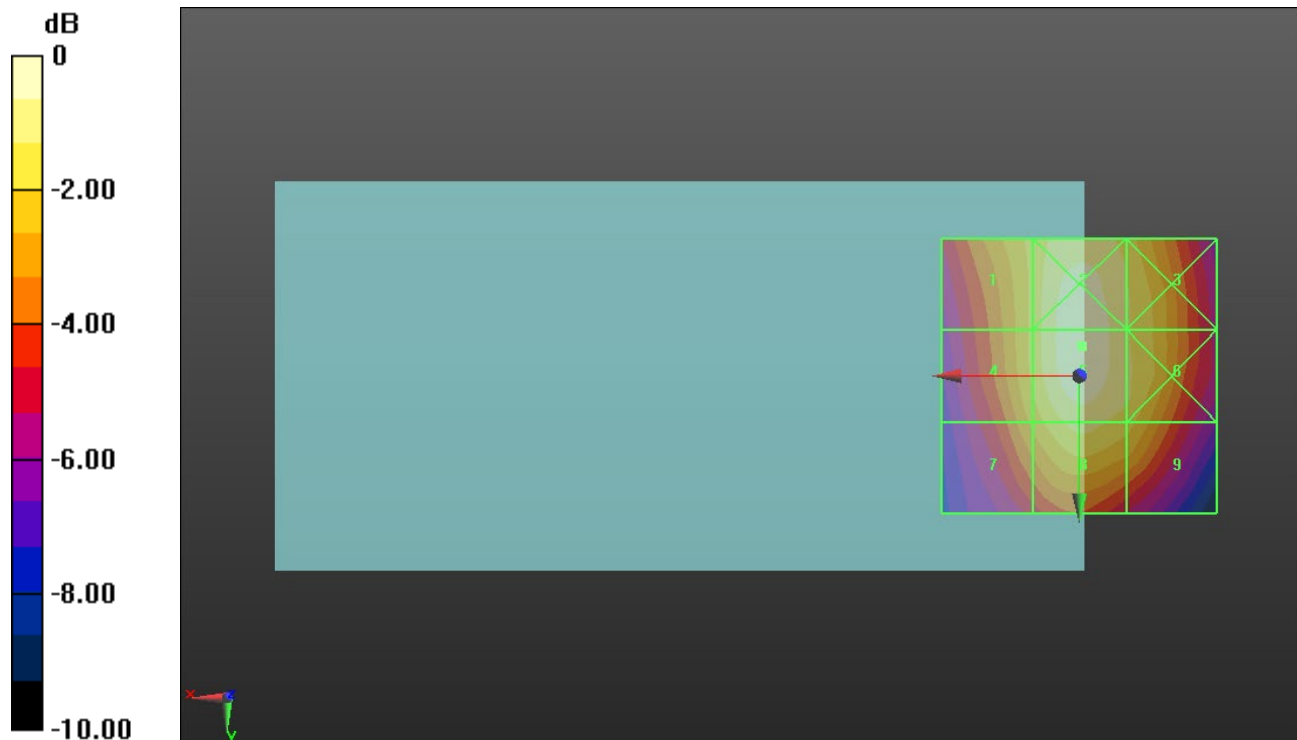
Applied MIF = 3.63 dB

RF audio interference level = 40.90 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 39.16 dBV/m	Grid 2 M3 40.89 dBV/m	Grid 3 M4 39.71 dBV/m
Grid 4 M4 39.16 dBV/m	Grid 5 M3 40.9 dBV/m	Grid 6 M4 39.77 dBV/m
Grid 7 M4 38.43 dBV/m	Grid 8 M4 39.85 dBV/m	Grid 9 M4 39.22 dBV/m



0 dB = 111.0 V/m = 40.91 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 = 18.52 V/m; Power Drift = -0.00 dB

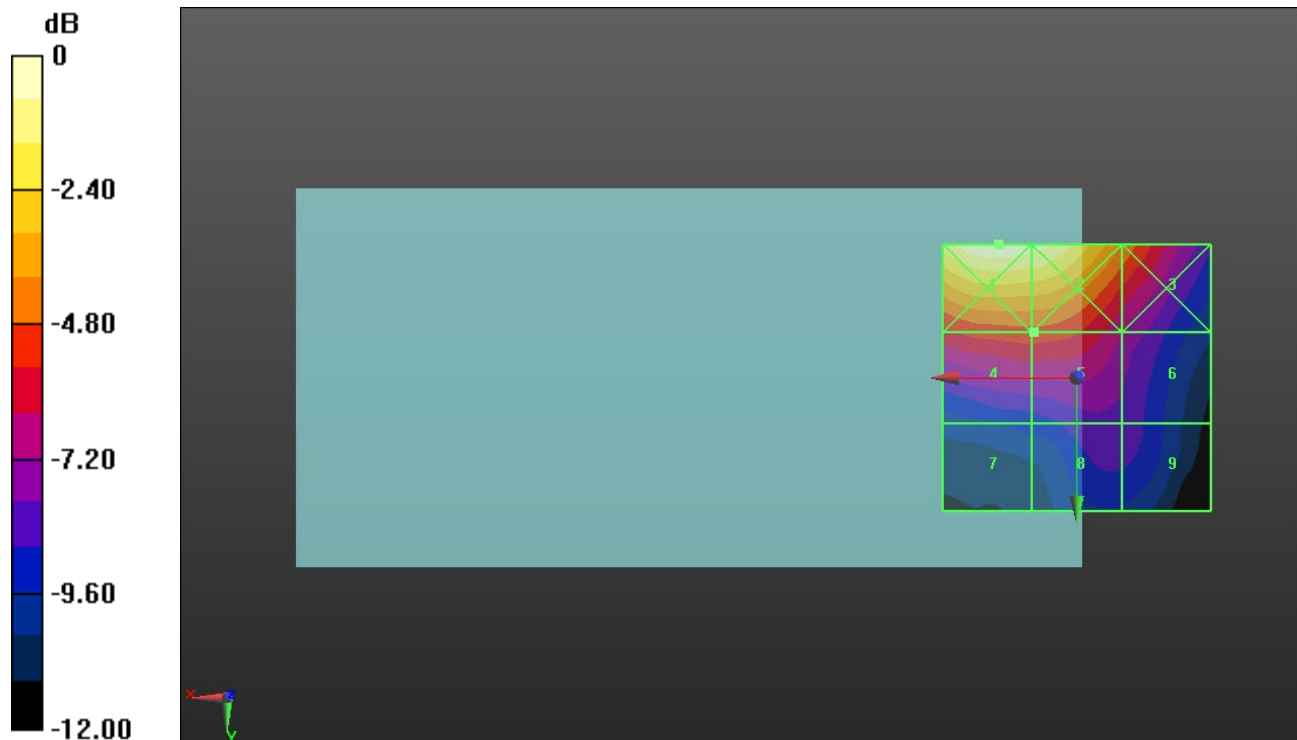
Applied MIF = 3.63 dB

RF audio interference level = 28.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.61 dBV/m	Grid 2 M3 33.27 dBV/m	Grid 3 M4 29.6 dBV/m
Grid 4 M4 28.53 dBV/m	Grid 5 M4 28.53 dBV/m	Grid 6 M4 26.51 dBV/m
Grid 7 M4 24.43 dBV/m	Grid 8 M4 25.52 dBV/m	Grid 9 M4 25.42 dBV/m



0 dB = 47.94 V/m = 33.61 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 = 17.34 V/m; Power Drift = -0.06 dB

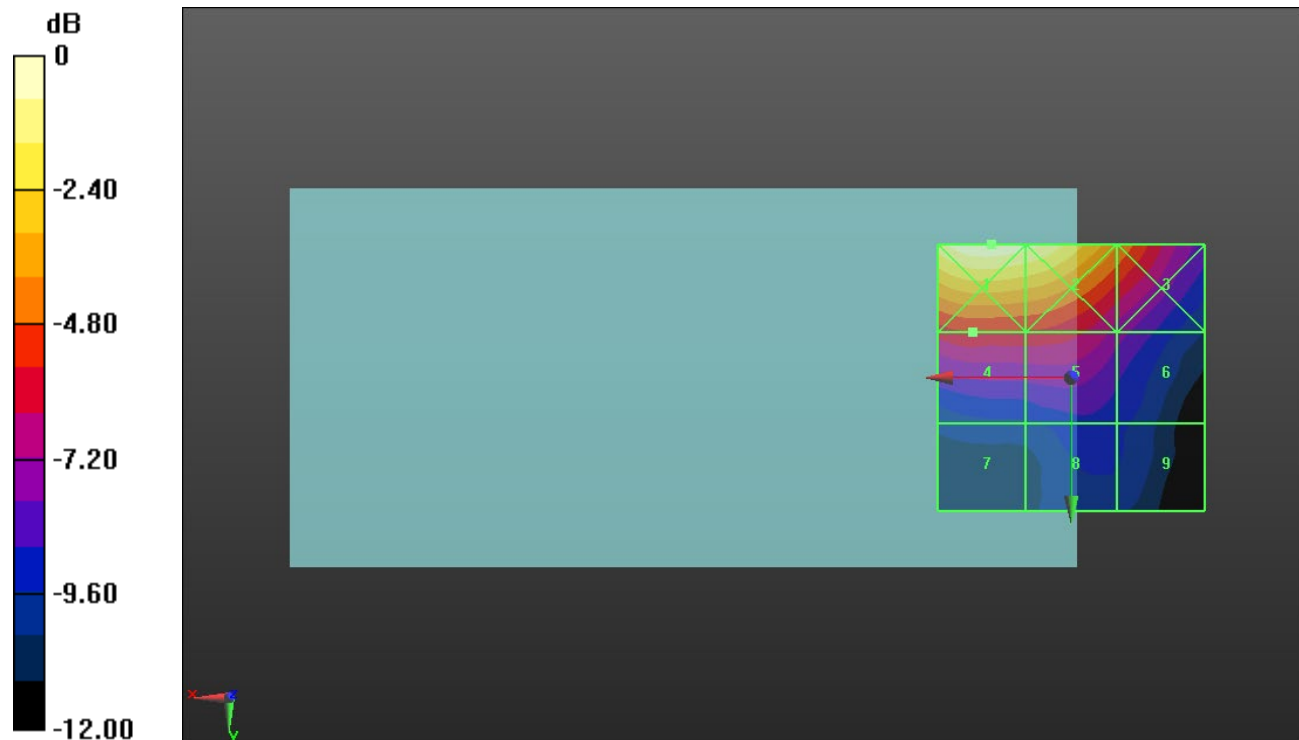
Applied MIF = 3.63 dB

RF audio interference level = 28.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.58 dBV/m	Grid 2 M3 33.16 dBV/m	Grid 3 M4 29.69 dBV/m
Grid 4 M4 28 dBV/m	Grid 5 M4 27.9 dBV/m	Grid 6 M4 26.07 dBV/m
Grid 7 M4 23.92 dBV/m	Grid 8 M4 24.68 dBV/m	Grid 9 M4 24.31 dBV/m



0 dB = 47.77 V/m = 33.58 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 = 16.14 V/m; Power Drift = 0.01 dB

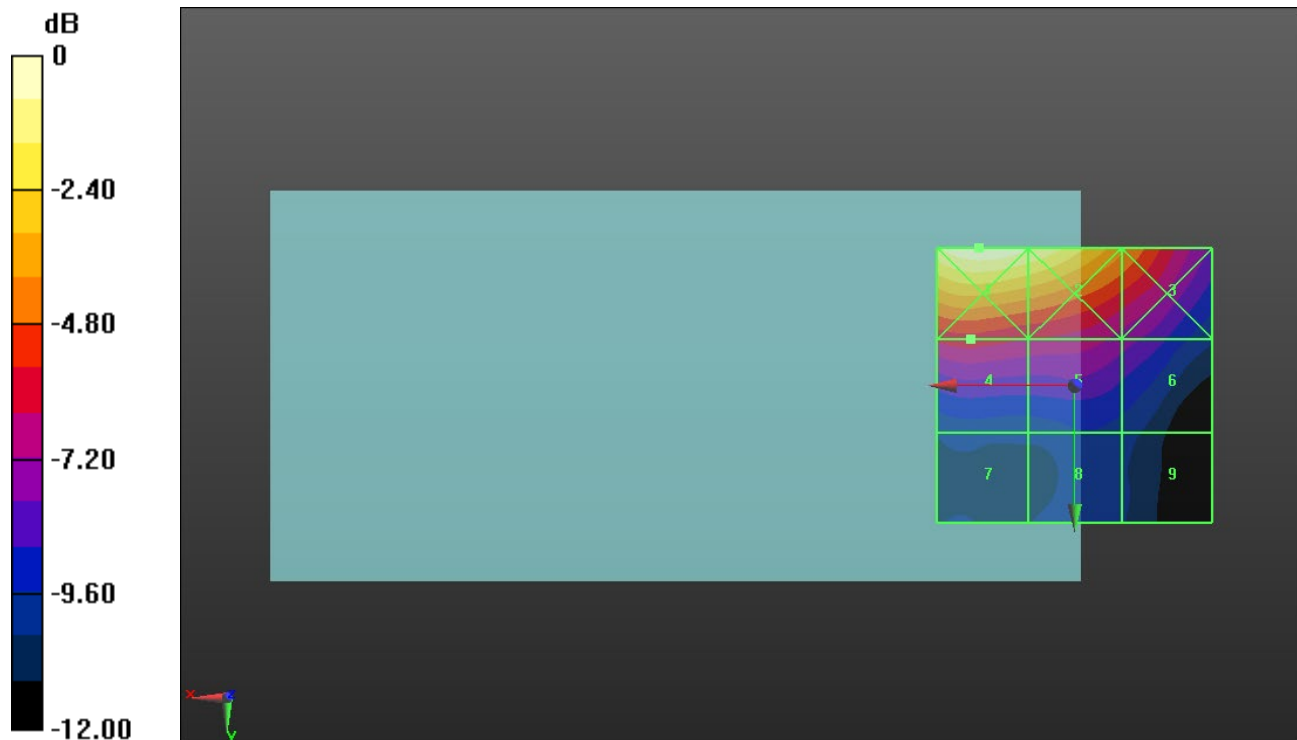
Applied MIF = 3.63 dB

RF audio interference level = 27.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.46 dBV/m	Grid 2 M3 32.85 dBV/m	Grid 3 M4 29.72 dBV/m
Grid 4 M4 27.59 dBV/m	Grid 5 M4 27.11 dBV/m	Grid 6 M4 25.95 dBV/m
Grid 7 M4 23.51 dBV/m	Grid 8 M4 23.88 dBV/m	Grid 9 M4 23.54 dBV/m



0 dB = 47.12 V/m = 33.46 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 = 58.12 V/m; Power Drift = 0.08 dB

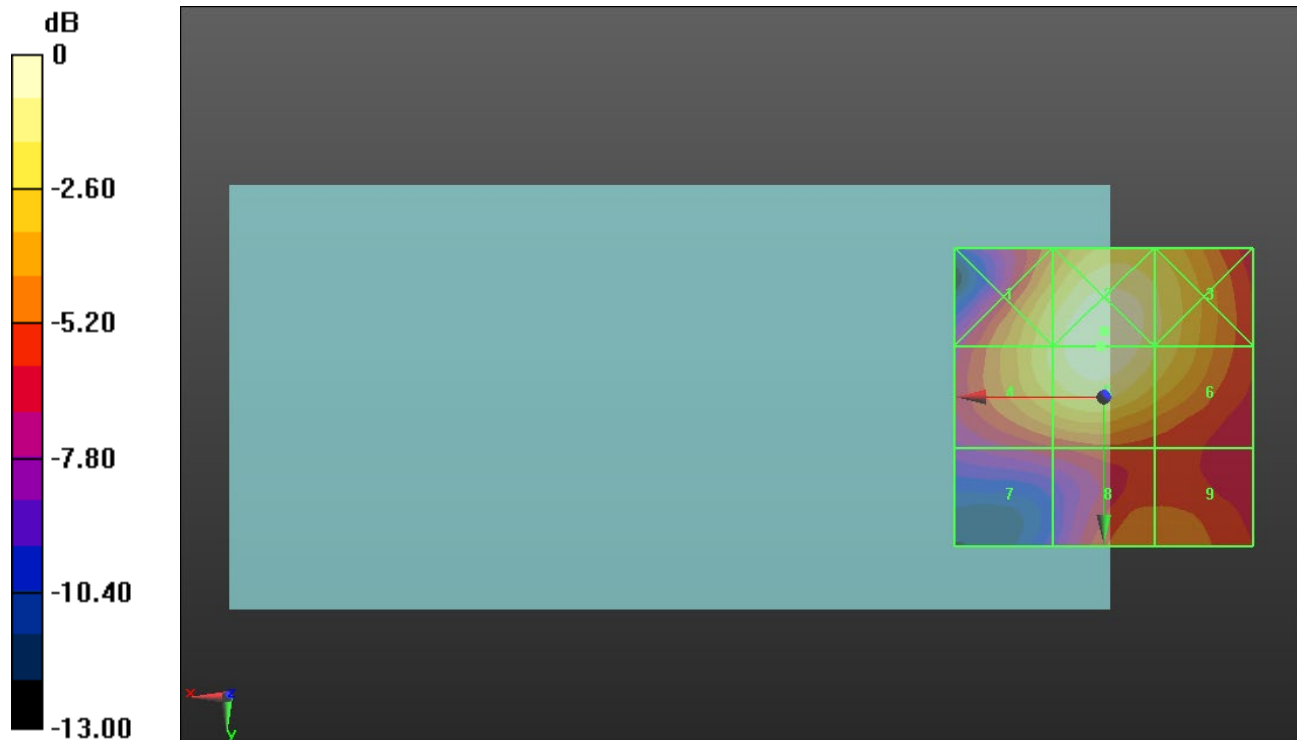
Applied MIF = -1.44 dB

RF audio interference level = 31.36 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.97 dBV/m	Grid 2 M3 31.43 dBV/m	Grid 3 M3 30.02 dBV/m
Grid 4 M4 30 dBV/m	Grid 5 M3 31.36 dBV/m	Grid 6 M4 29.83 dBV/m
Grid 7 M4 25.3 dBV/m	Grid 8 M4 27.15 dBV/m	Grid 9 M4 27.1 dBV/m



0 dB = 37.28 V/m = 31.43 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 = 67.03 V/m; Power Drift = -0.04 dB

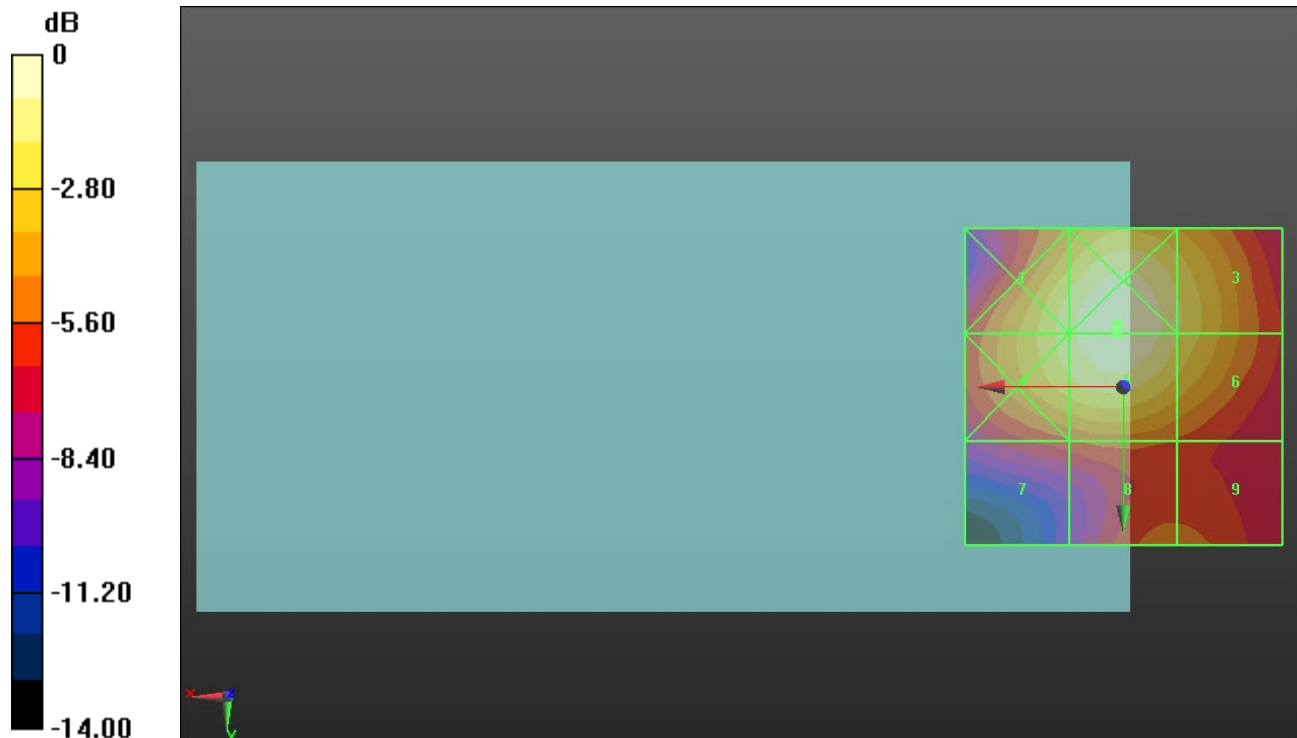
Applied MIF = -1.44 dB

RF audio interference level = 32.48 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.27 dBV/m	Grid 2 M3 32.51 dBV/m	Grid 3 M3 30.85 dBV/m
Grid 4 M3 31.27 dBV/m	Grid 5 M3 32.48 dBV/m	Grid 6 M3 30.76 dBV/m
Grid 7 M4 26.75 dBV/m	Grid 8 M4 27.44 dBV/m	Grid 9 M4 27.39 dBV/m



0 dB = 42.23 V/m = 32.51 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 = 69.73 V/m; Power Drift = -0.08 dB

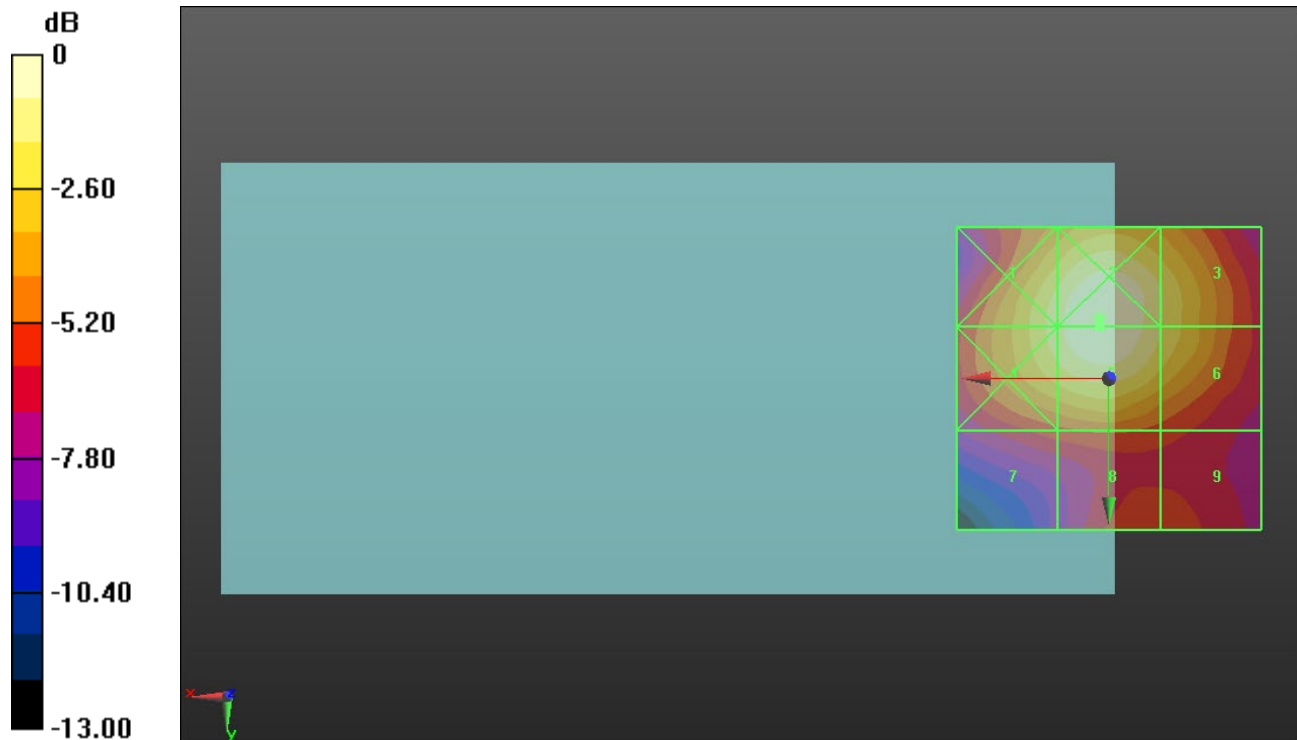
Applied MIF = -1.44 dB

RF audio interference level = 32.67 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.52 dBV/m	Grid 2 M3 32.68 dBV/m	Grid 3 M3 31.09 dBV/m
Grid 4 M3 31.52 dBV/m	Grid 5 M3 32.67 dBV/m	Grid 6 M3 31.01 dBV/m
Grid 7 M4 27.23 dBV/m	Grid 8 M4 27.69 dBV/m	Grid 9 M4 27.34 dBV/m



0 dB = 43.05 V/m = 32.68 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 = 68.21 V/m; Power Drift = 0.03 dB

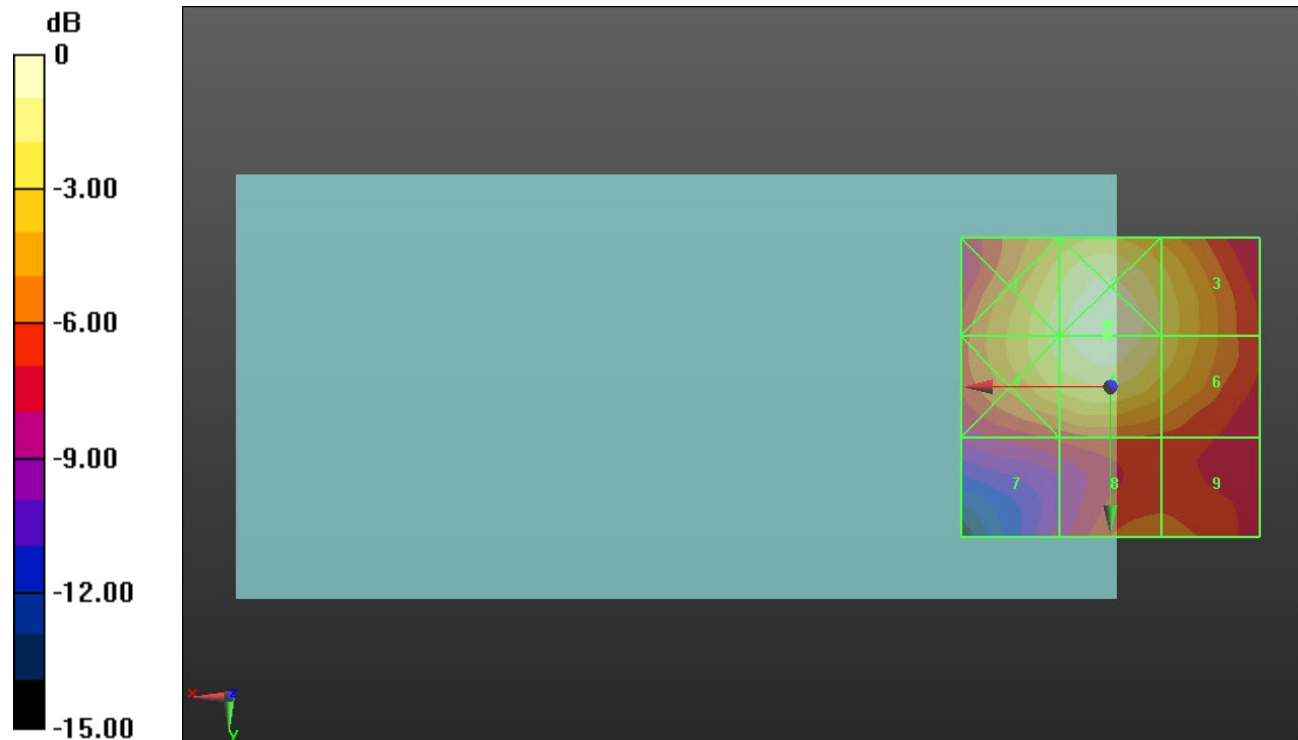
Applied MIF = -1.44 dB

RF audio interference level = 32.89 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.6 dBV/m	Grid 2 M3 33 dBV/m	Grid 3 M3 30.93 dBV/m
Grid 4 M3 31.56 dBV/m	Grid 5 M3 32.89 dBV/m	Grid 6 M3 30.88 dBV/m
Grid 7 M4 26.32 dBV/m	Grid 8 M4 27.55 dBV/m	Grid 9 M4 27.4 dBV/m



0 dB = 44.68 V/m = 33.00 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 68.60 V/m; Power Drift = -0.01 dB

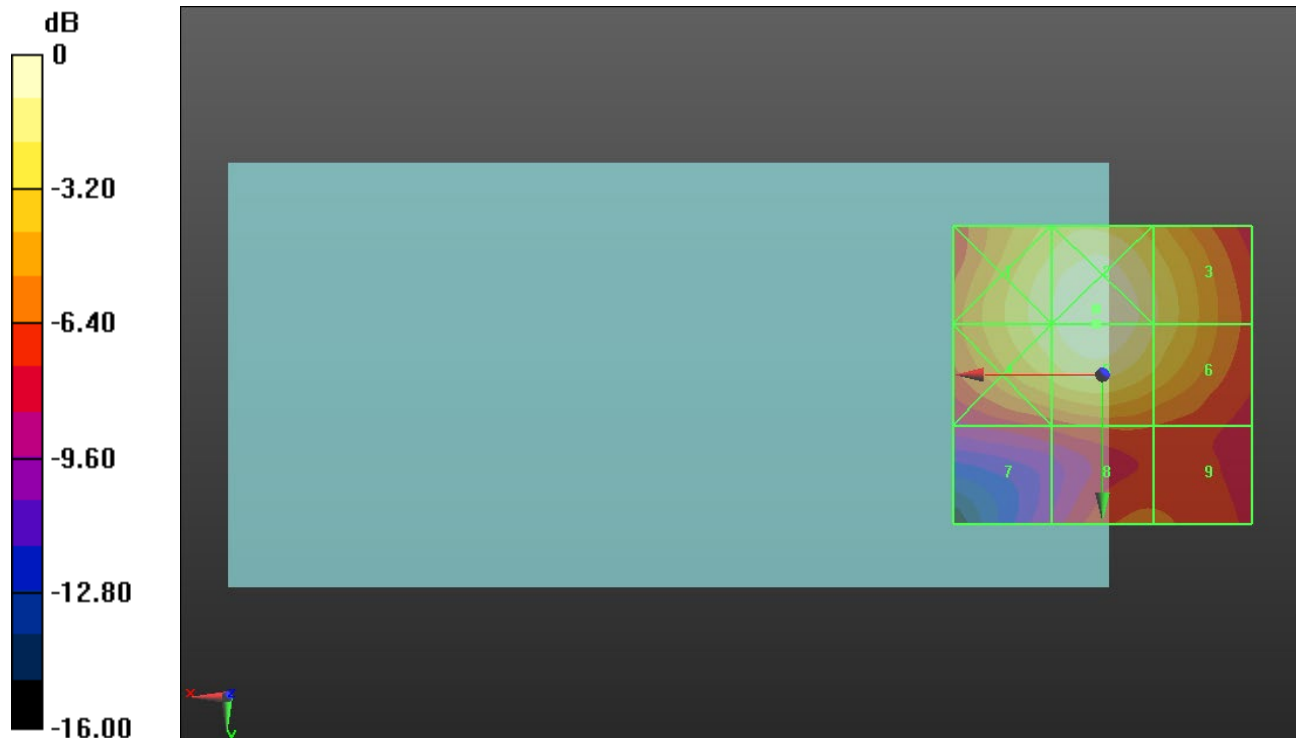
Applied MIF = -1.44 dB

RF audio interference level = 32.91 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.9 dBV/m	Grid 2 M3 33.01 dBV/m	Grid 3 M3 31.16 dBV/m
Grid 4 M3 31.8 dBV/m	Grid 5 M3 32.91 dBV/m	Grid 6 M3 31.06 dBV/m
Grid 7 M4 25.95 dBV/m	Grid 8 M4 26.94 dBV/m	Grid 9 M4 26.9 dBV/m



0 dB = 44.73 V/m = 33.01 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 = 61.75 V/m; Power Drift = 0.08 dB

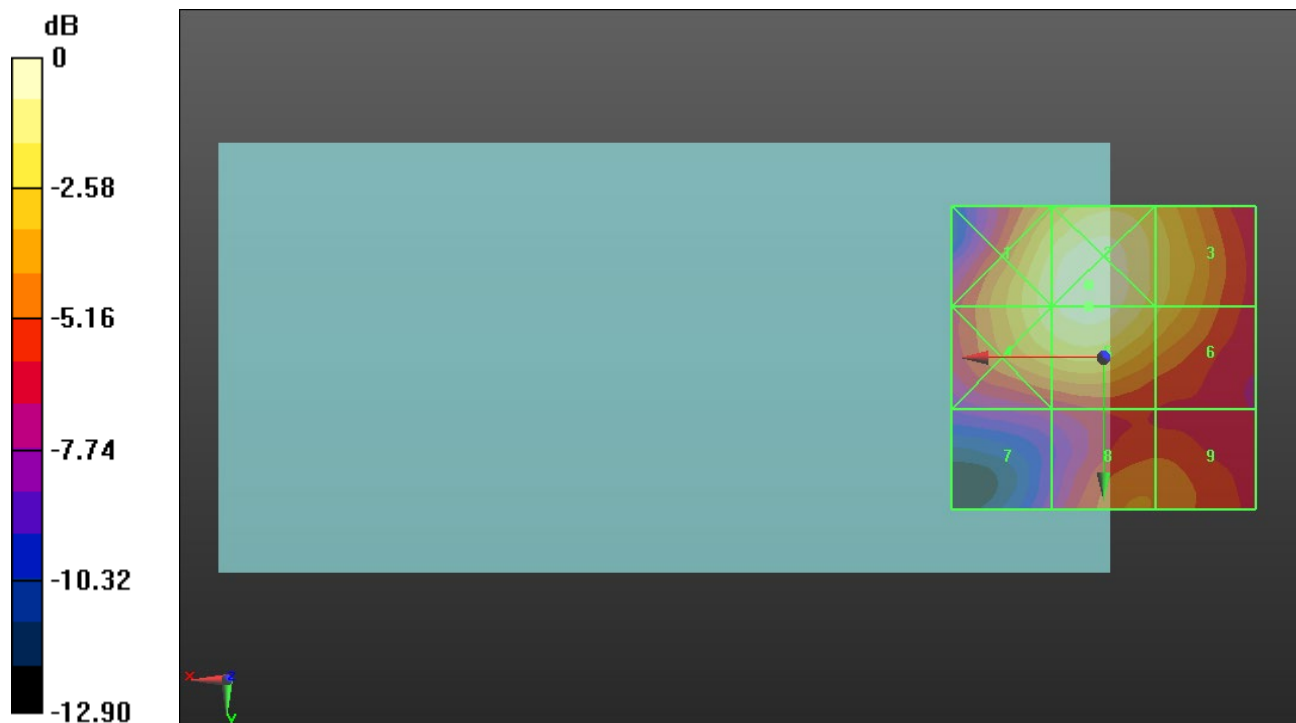
Applied MIF = -1.44 dB

RF audio interference level = 32.86 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.16 dBV/m	Grid 2 M3 33.14 dBV/m	Grid 3 M3 31.2 dBV/m
Grid 4 M3 32.07 dBV/m	Grid 5 M3 32.86 dBV/m	Grid 6 M3 30.89 dBV/m
Grid 7 M4 26.25 dBV/m	Grid 8 M4 29 dBV/m	Grid 9 M4 28.79 dBV/m



0 dB = 45.39 V/m = 33.14 dBV/m

HAC-RF Emission ANT2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 70.16 V/m; Power Drift = -0.02 dB

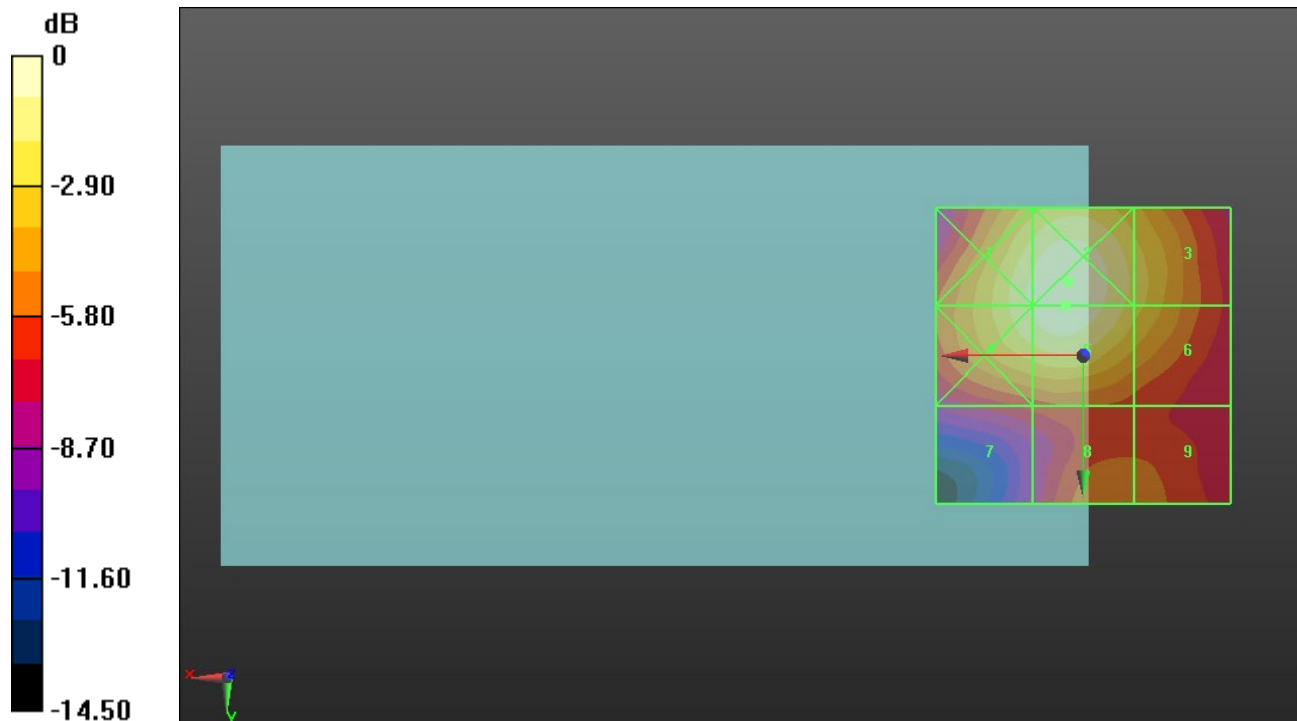
Applied MIF = -1.44 dB

RF audio interference level = 33.81 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.26 dBV/m	Grid 2 M3 33.97 dBV/m	Grid 3 M3 31.82 dBV/m
Grid 4 M3 33.2 dBV/m	Grid 5 M3 33.81 dBV/m	Grid 6 M3 31.59 dBV/m
Grid 7 M4 27.6 dBV/m	Grid 8 M4 29.02 dBV/m	Grid 9 M4 28.99 dBV/m



0 dB = 49.96 V/m = 33.97 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 = 71.17 V/m; Power Drift = 0.07 dB

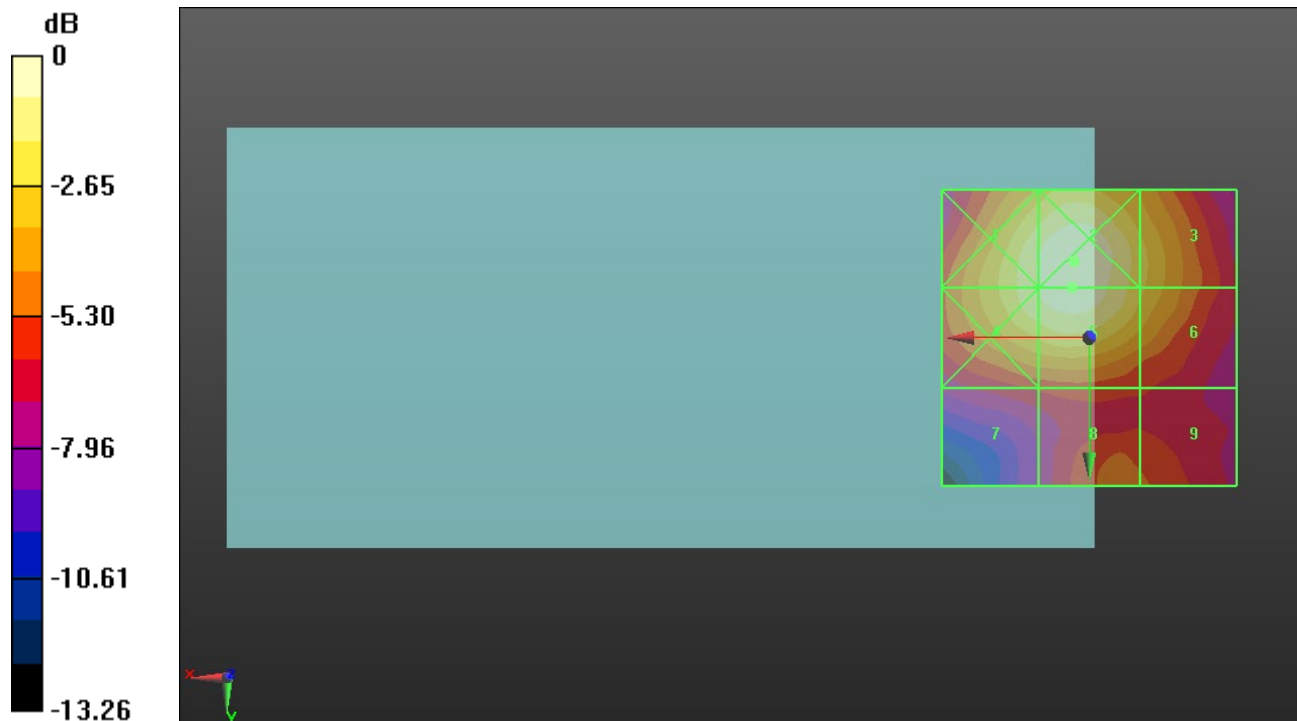
Applied MIF = -1.44 dB

RF audio interference level = 33.83 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.24 dBV/m	Grid 2 M3 34.03 dBV/m	Grid 3 M3 31.82 dBV/m
Grid 4 M3 33.18 dBV/m	Grid 5 M3 33.83 dBV/m	Grid 6 M3 31.65 dBV/m
Grid 7 M4 28.05 dBV/m	Grid 8 M4 29.04 dBV/m	Grid 9 M4 28.9 dBV/m



0 dB = 50.27 V/m = 34.03 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 = 72.82 V/m; Power Drift = -0.09 dB

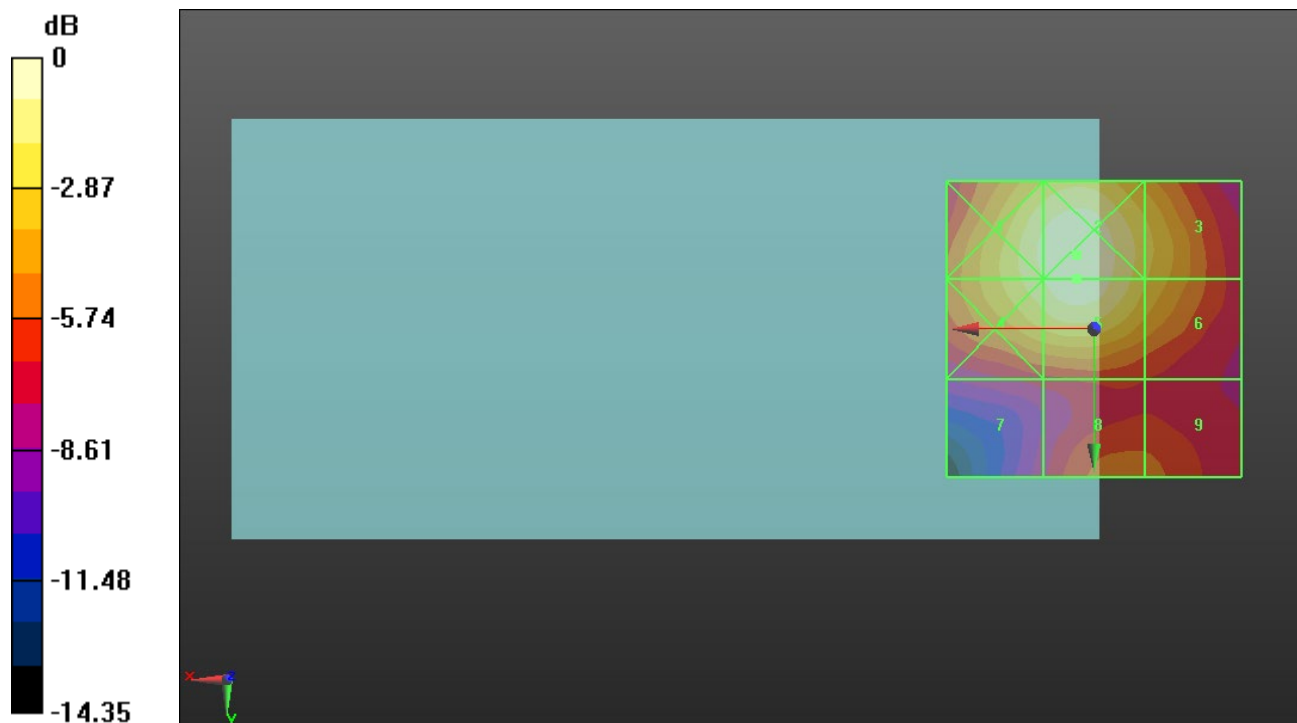
Applied MIF = -1.44 dB

RF audio interference level = 34.12 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.64 dBV/m	Grid 2 M3 34.31 dBV/m	Grid 3 M3 31.93 dBV/m
Grid 4 M3 33.37 dBV/m	Grid 5 M3 34.12 dBV/m	Grid 6 M3 31.64 dBV/m
Grid 7 M4 27.26 dBV/m	Grid 8 M4 29.17 dBV/m	Grid 9 M4 29 dBV/m



0 dB = 51.94 V/m = 34.31 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 = 70.49 V/m; Power Drift = 0.12 dB

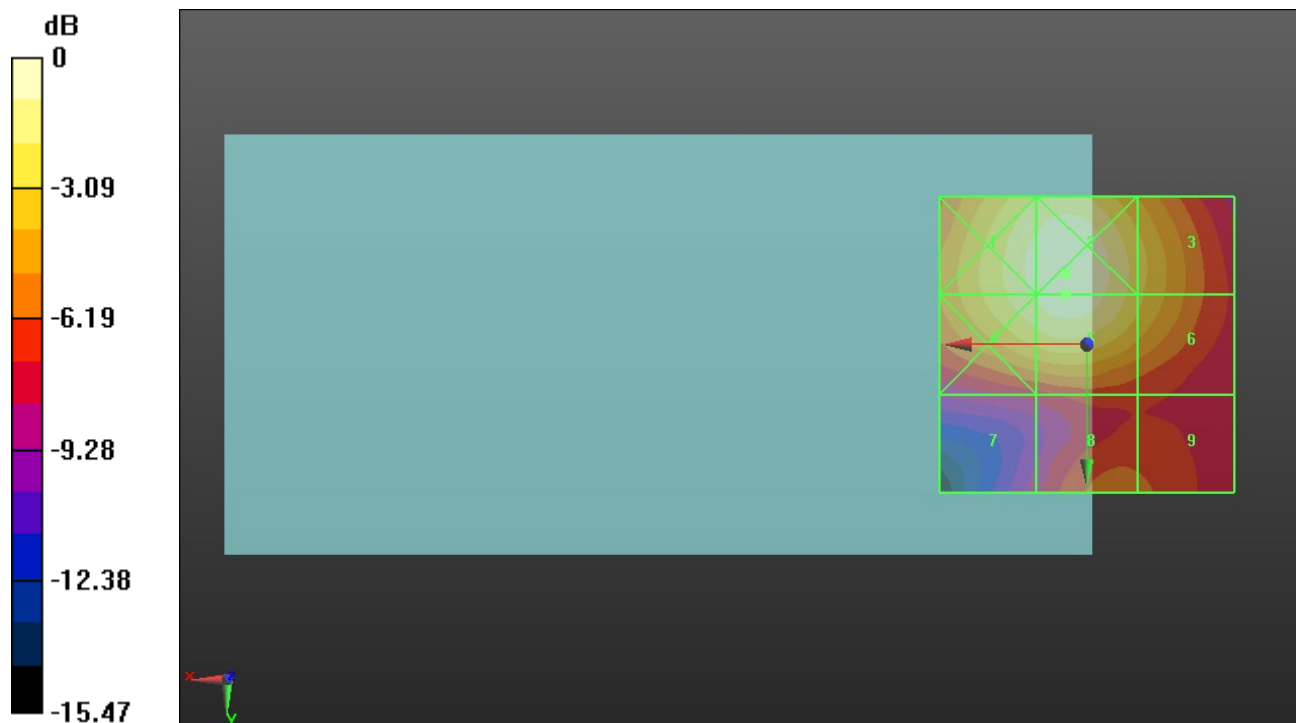
Applied MIF = -1.44 dB

RF audio interference level = 34.03 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.69 dBV/m	Grid 2 M3 34.29 dBV/m	Grid 3 M3 31.76 dBV/m
Grid 4 M3 33.41 dBV/m	Grid 5 M3 34.03 dBV/m	Grid 6 M3 31.57 dBV/m
Grid 7 M4 26.65 dBV/m	Grid 8 M4 28.62 dBV/m	Grid 9 M4 28.39 dBV/m



0 dB = 51.79 V/m = 34.28 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 = 20.47 V/m; Power Drift = -0.03 dB

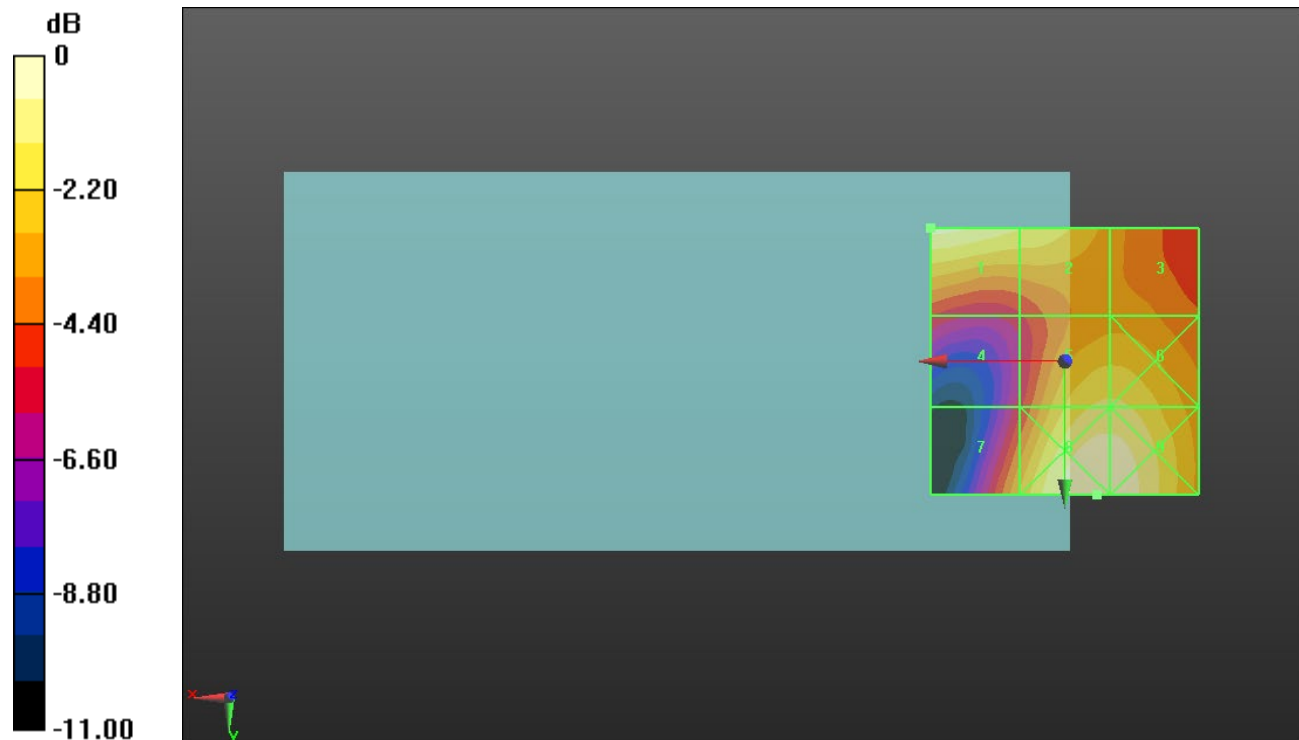
Applied MIF = 3.63 dB

RF audio interference level = 30.17 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.17 dBV/m	Grid 2 M4 29.21 dBV/m	Grid 3 M4 27.35 dBV/m
Grid 4 M4 25.54 dBV/m	Grid 5 M4 29.29 dBV/m	Grid 6 M4 29.29 dBV/m
Grid 7 M4 27.76 dBV/m	Grid 8 M3 30.59 dBV/m	Grid 9 M3 30.49 dBV/m



0 dB = 33.84 V/m = 30.59 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 = 12.68 V/m; Power Drift = 0.01 dB

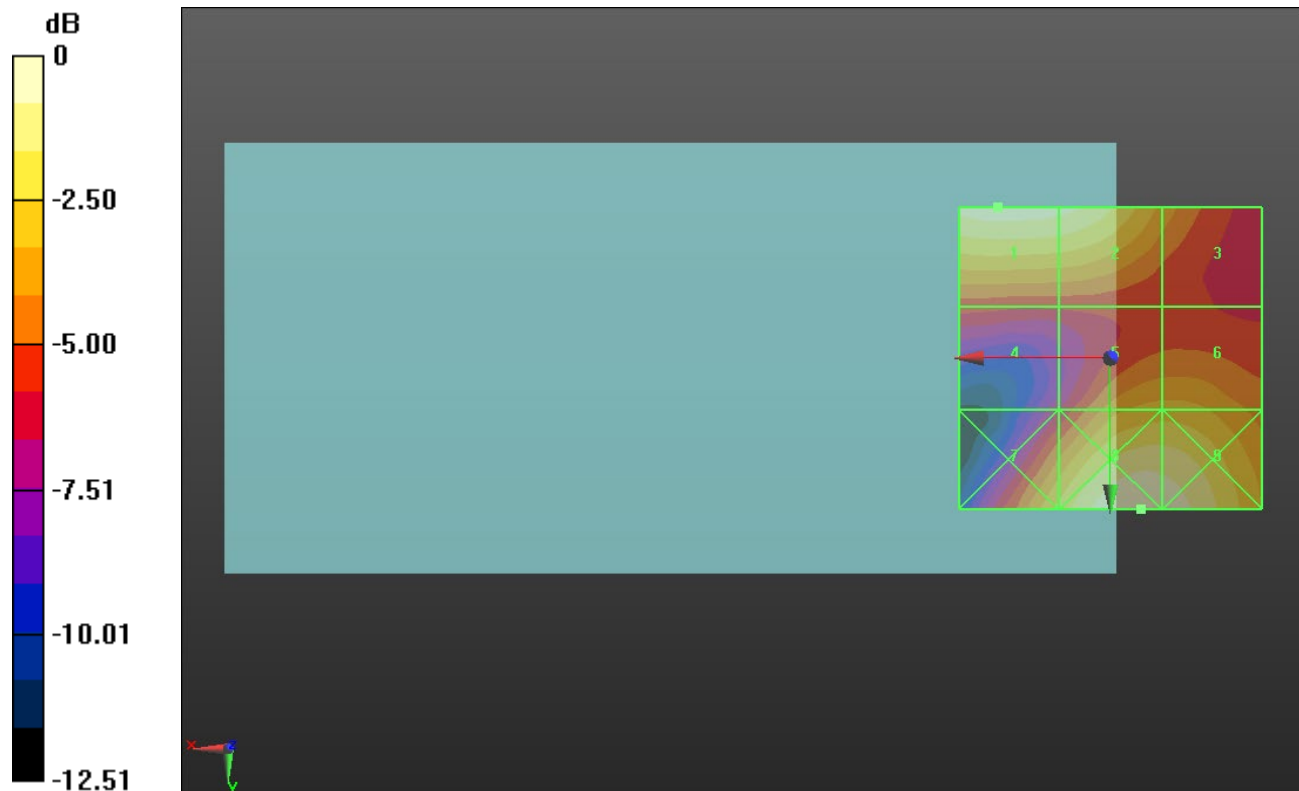
Applied MIF = 3.63 dB

RF audio interference level = 29.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.36 dBV/m	Grid 2 M4 29.06 dBV/m	Grid 3 M4 26.01 dBV/m
Grid 4 M4 24.14 dBV/m	Grid 5 M4 26.63 dBV/m	Grid 6 M4 26.64 dBV/m
Grid 7 M4 27.39 dBV/m	Grid 8 M4 29.58 dBV/m	Grid 9 M4 29.38 dBV/m



0 dB = 30.14 V/m = 29.58 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 = 19.69 V/m; Power Drift = -0.03 dB

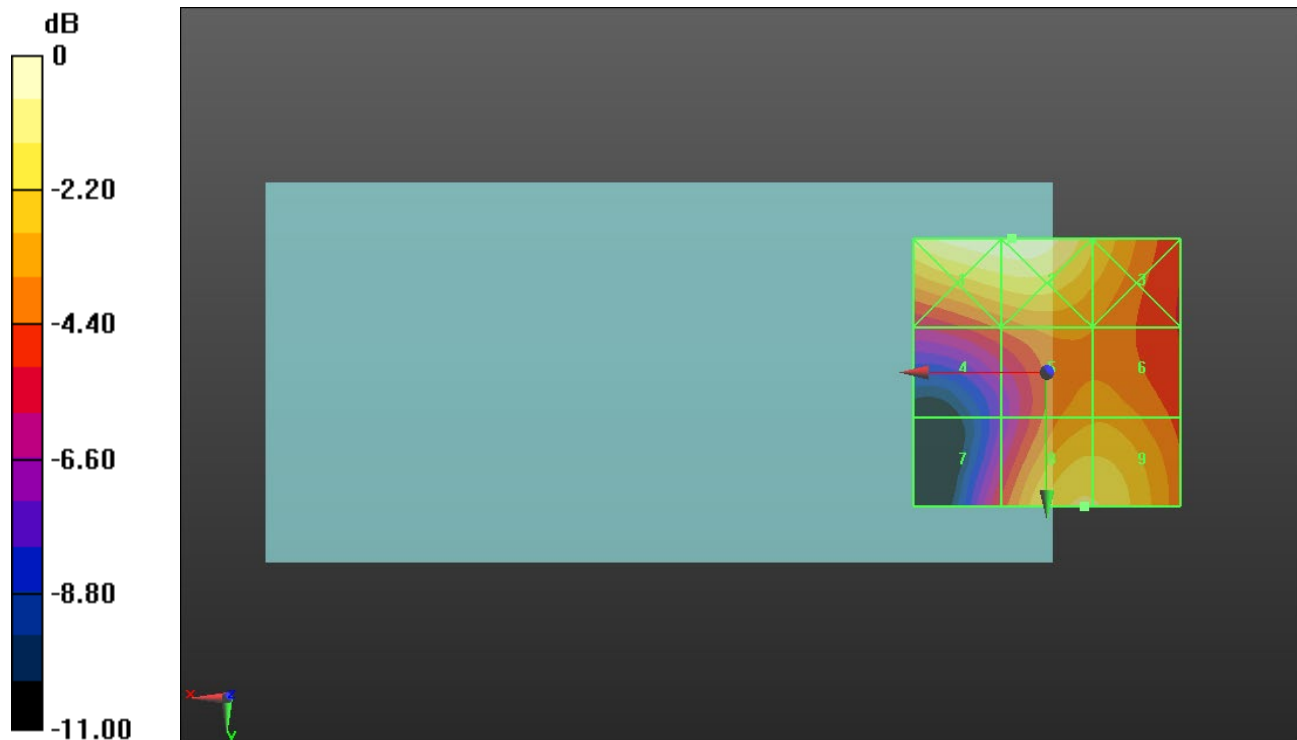
Applied MIF = 3.63 dB

RF audio interference level = 30.33 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.62 dBV/m	Grid 2 M3 31.67 dBV/m	Grid 3 M4 29.65 dBV/m
Grid 4 M4 27.47 dBV/m	Grid 5 M4 28.63 dBV/m	Grid 6 M4 28.65 dBV/m
Grid 7 M4 26.87 dBV/m	Grid 8 M3 30.33 dBV/m	Grid 9 M3 30.29 dBV/m



0 dB = 38.33 V/m = 31.67 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 = 30.76 V/m; Power Drift = 0.07 dB

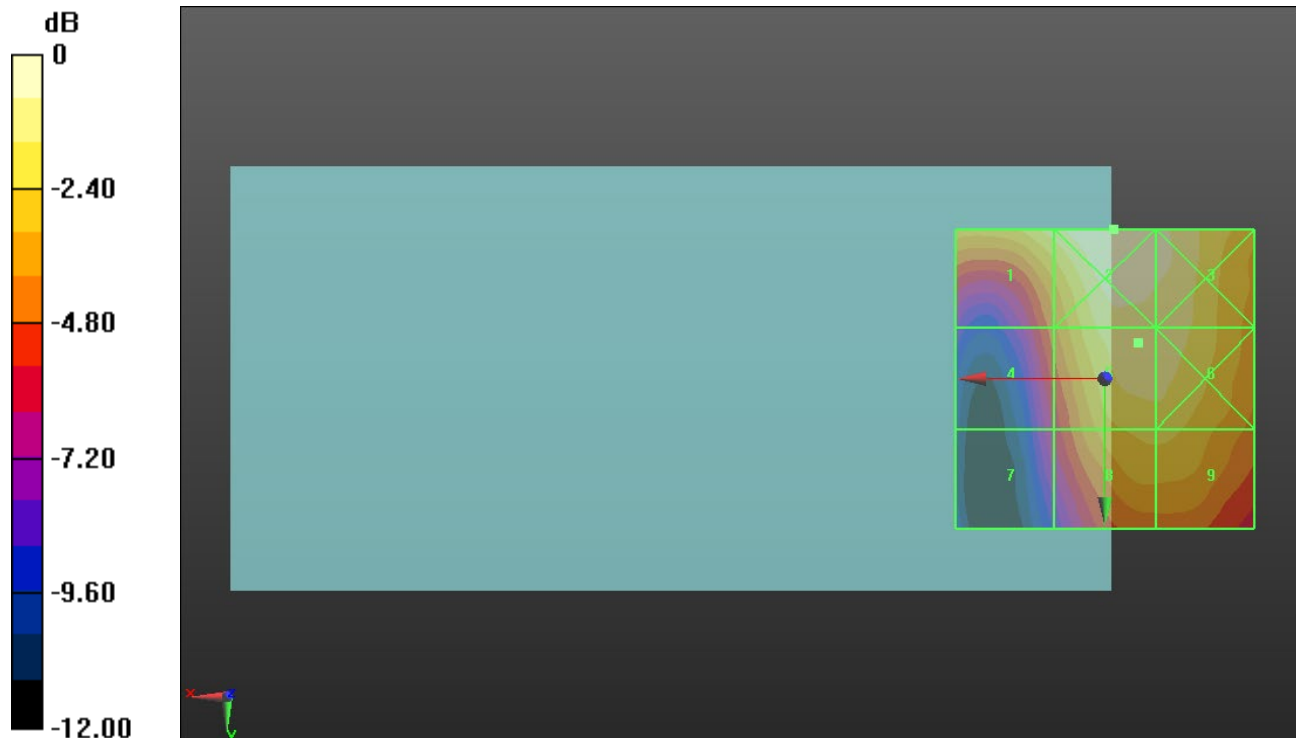
Applied MIF = -1.44 dB

RF audio interference level = 26.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.68 dBV/m	Grid 2 M4 27.78 dBV/m	Grid 3 M4 27.35 dBV/m
Grid 4 M4 23.54 dBV/m	Grid 5 M4 26.79 dBV/m	Grid 6 M4 26.7 dBV/m
Grid 7 M4 21.6 dBV/m	Grid 8 M4 25.66 dBV/m	Grid 9 M4 25.66 dBV/m



0 dB = 24.49 V/m = 27.78 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 = 28.20 V/m; Power Drift = -0.02 dB

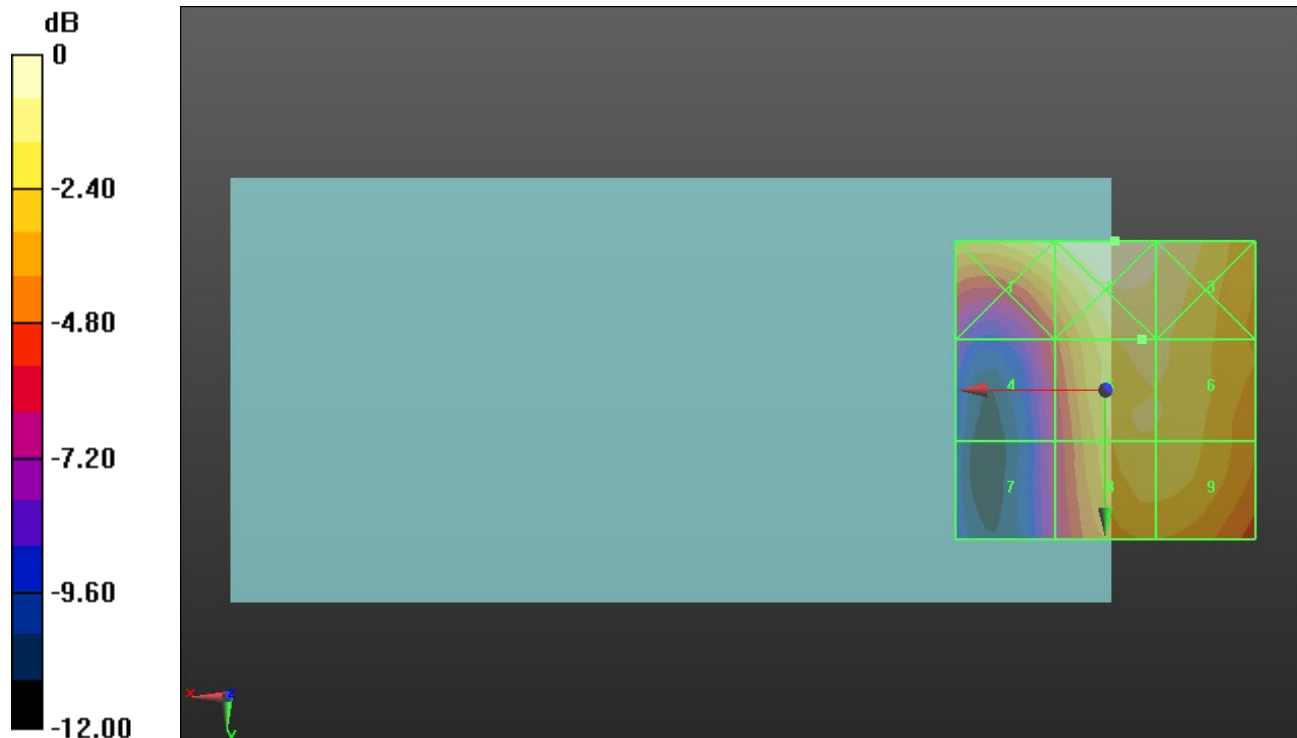
Applied MIF = -1.44 dB

RF audio interference level = 26.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.64 dBV/m	Grid 2 M4 27.52 dBV/m	Grid 3 M4 26.96 dBV/m
Grid 4 M4 22.43 dBV/m	Grid 5 M4 26.18 dBV/m	Grid 6 M4 26.09 dBV/m
Grid 7 M4 21.13 dBV/m	Grid 8 M4 25.83 dBV/m	Grid 9 M4 25.83 dBV/m



0 dB = 23.77 V/m = 27.52 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 = 24.68 V/m; Power Drift = -0.12 dB

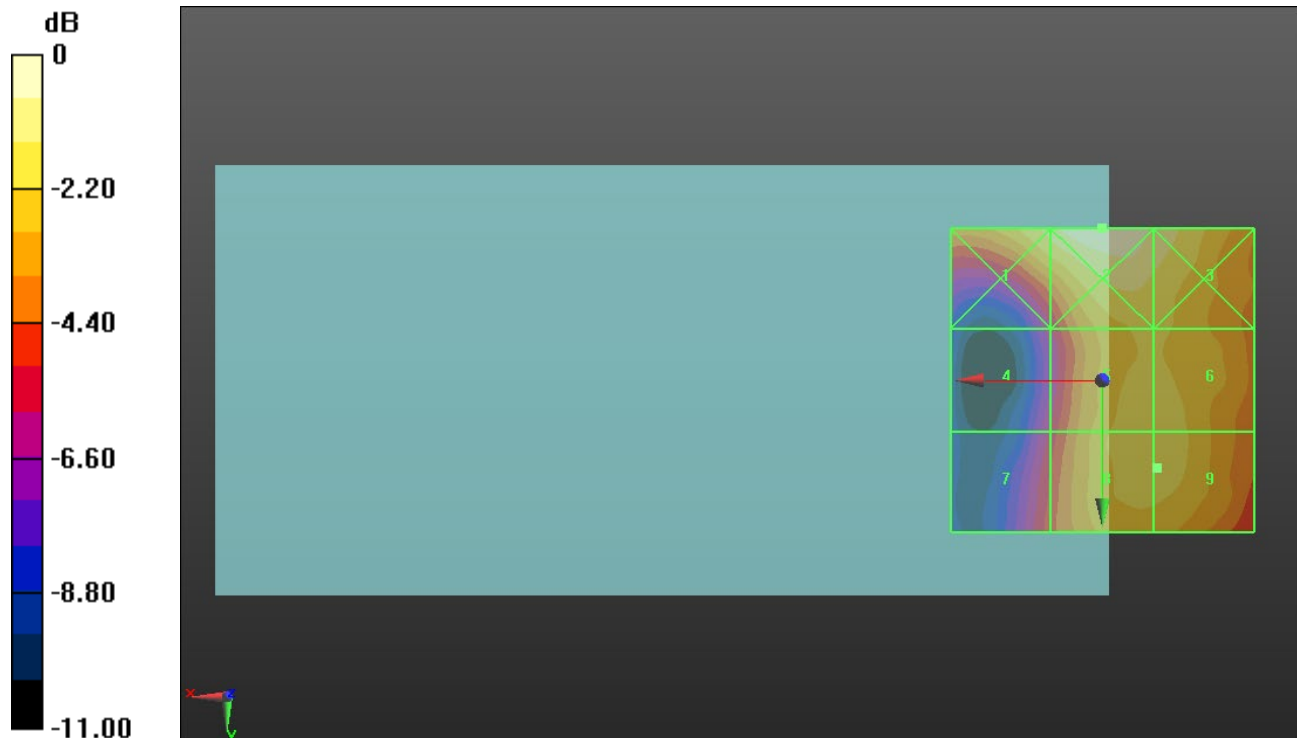
Applied MIF = -1.44 dB

RF audio interference level = 25.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.67 dBV/m	Grid 2 M4 26.74 dBV/m	Grid 3 M4 25.9 dBV/m
Grid 4 M4 21.09 dBV/m	Grid 5 M4 24.96 dBV/m	Grid 6 M4 24.93 dBV/m
Grid 7 M4 22.1 dBV/m	Grid 8 M4 25.04 dBV/m	Grid 9 M4 25.05 dBV/m



0 dB = 21.74 V/m = 26.75 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.61 V/m; Power Drift = 0.05 dB

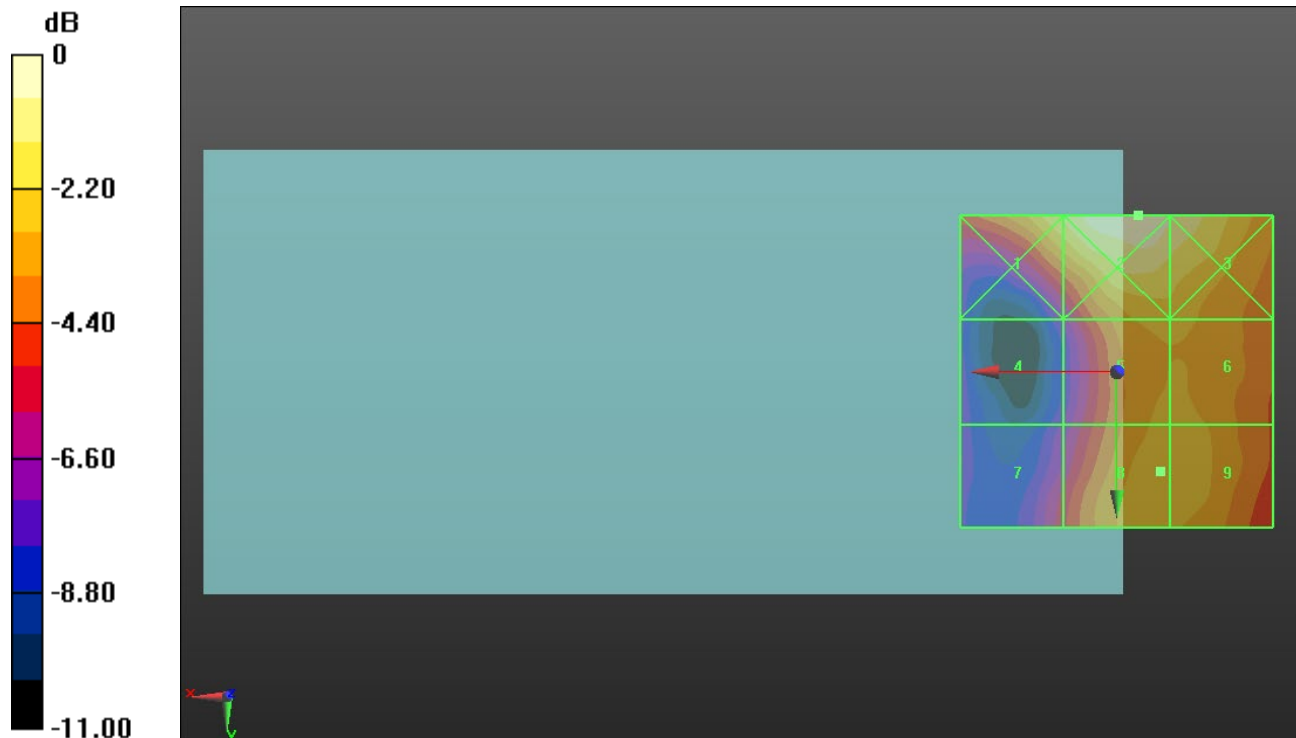
Applied MIF = -1.44 dB

RF audio interference level = 23.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.98 dBV/m	Grid 2 M4 26.26 dBV/m	Grid 3 M4 25.67 dBV/m
Grid 4 M4 19.44 dBV/m	Grid 5 M4 23.74 dBV/m	Grid 6 M4 23.75 dBV/m
Grid 7 M4 20.94 dBV/m	Grid 8 M4 23.8 dBV/m	Grid 9 M4 23.77 dBV/m



0 dB = 20.57 V/m = 26.26 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.15 V/m; Power Drift = -0.05 dB

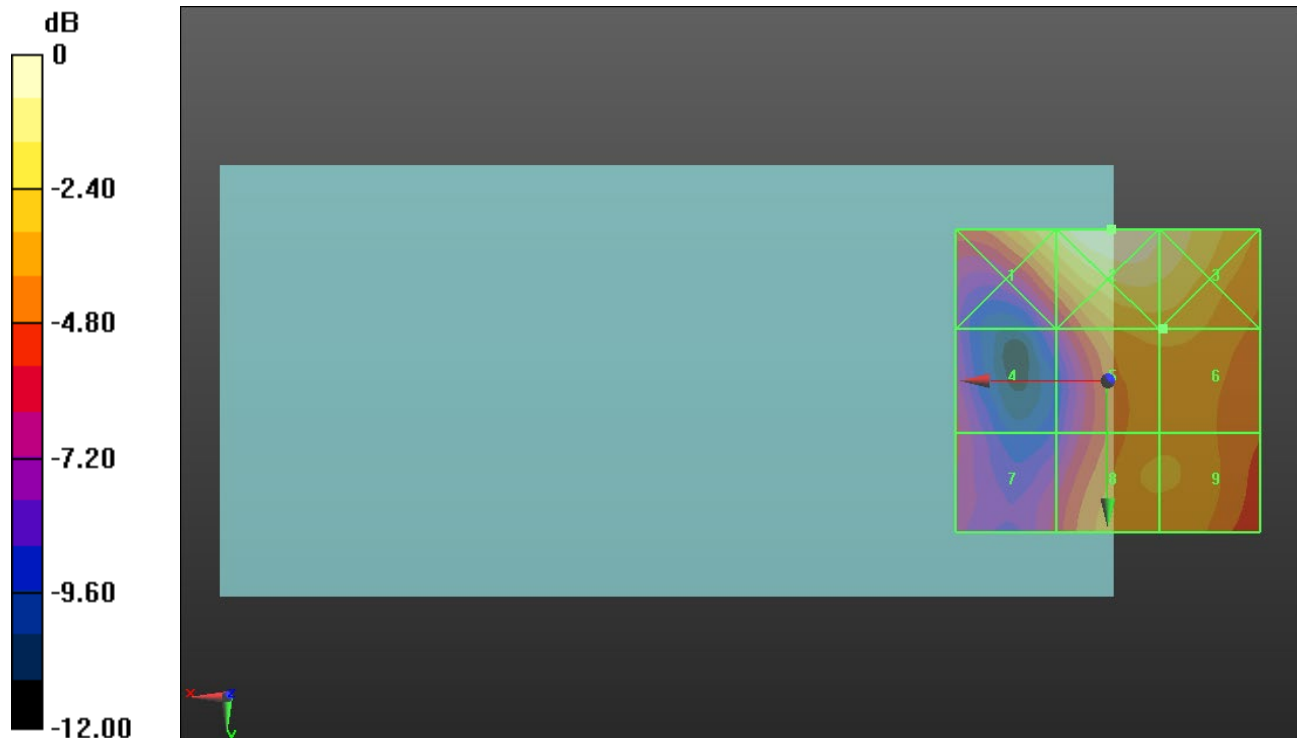
Applied MIF = -1.44 dB

RF audio interference level = 22.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.82 dBV/m	Grid 2 M4 25.14 dBV/m	Grid 3 M4 24.43 dBV/m
Grid 4 M4 19.08 dBV/m	Grid 5 M4 22.32 dBV/m	Grid 6 M4 22.33 dBV/m
Grid 7 M4 19.09 dBV/m	Grid 8 M4 22.05 dBV/m	Grid 9 M4 22.06 dBV/m



0 dB = 18.07 V/m = 25.14 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 = 29.47 V/m; Power Drift = 0.23 dB

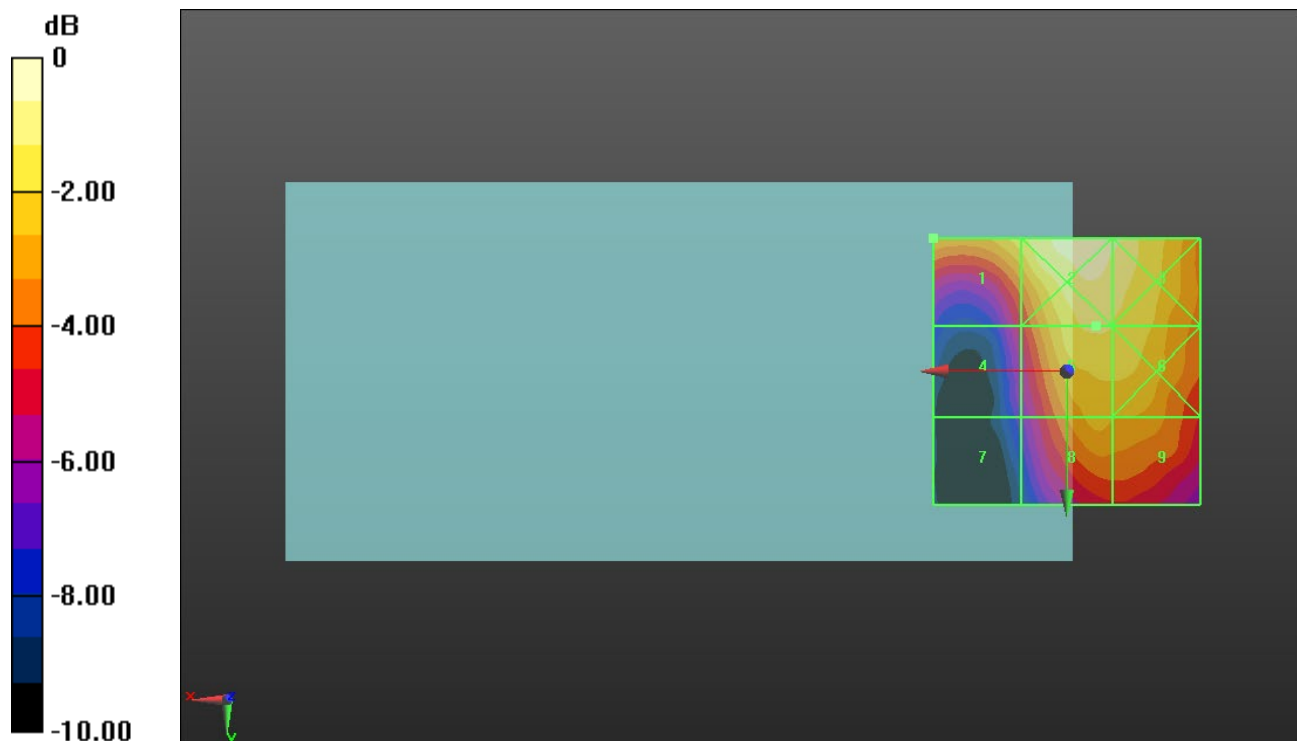
Applied MIF = -1.44 dB

RF audio interference level = 26.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.47 dBV/m	Grid 2 M4 28.01 dBV/m	Grid 3 M4 27.6 dBV/m
Grid 4 M4 23.17 dBV/m	Grid 5 M4 26.9 dBV/m	Grid 6 M4 26.67 dBV/m
Grid 7 M4 21.29 dBV/m	Grid 8 M4 25.59 dBV/m	Grid 9 M4 25.42 dBV/m



0 dB = 25.14 V/m = 28.01 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 = 31.86 V/m; Power Drift = -0.04 dB

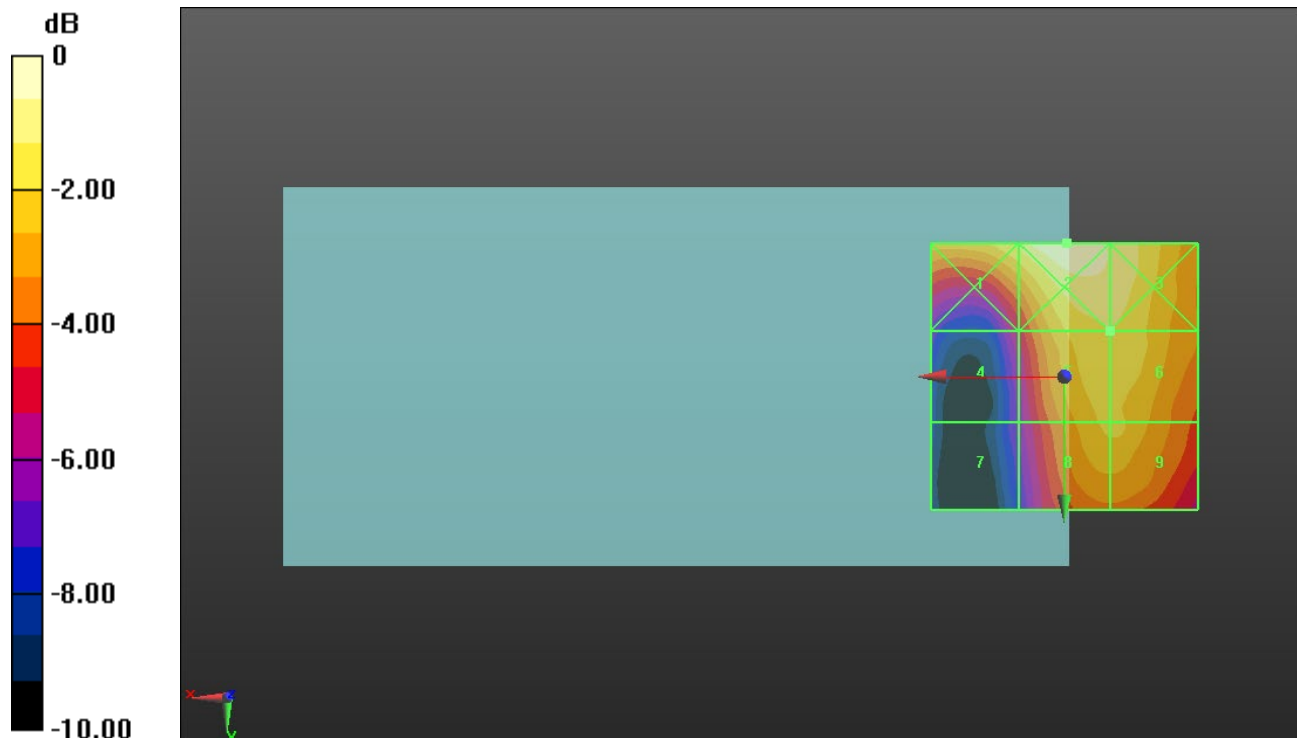
Applied MIF = -1.44 dB

RF audio interference level = 27.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.63 dBV/m	Grid 2 M4 28.73 dBV/m	Grid 3 M4 28.03 dBV/m
Grid 4 M4 23.64 dBV/m	Grid 5 M4 27.36 dBV/m	Grid 6 M4 27.36 dBV/m
Grid 7 M4 22.34 dBV/m	Grid 8 M4 26.87 dBV/m	Grid 9 M4 26.89 dBV/m



0 dB = 27.31 V/m = 28.73 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.44 V/m; Power Drift = -0.39 dB

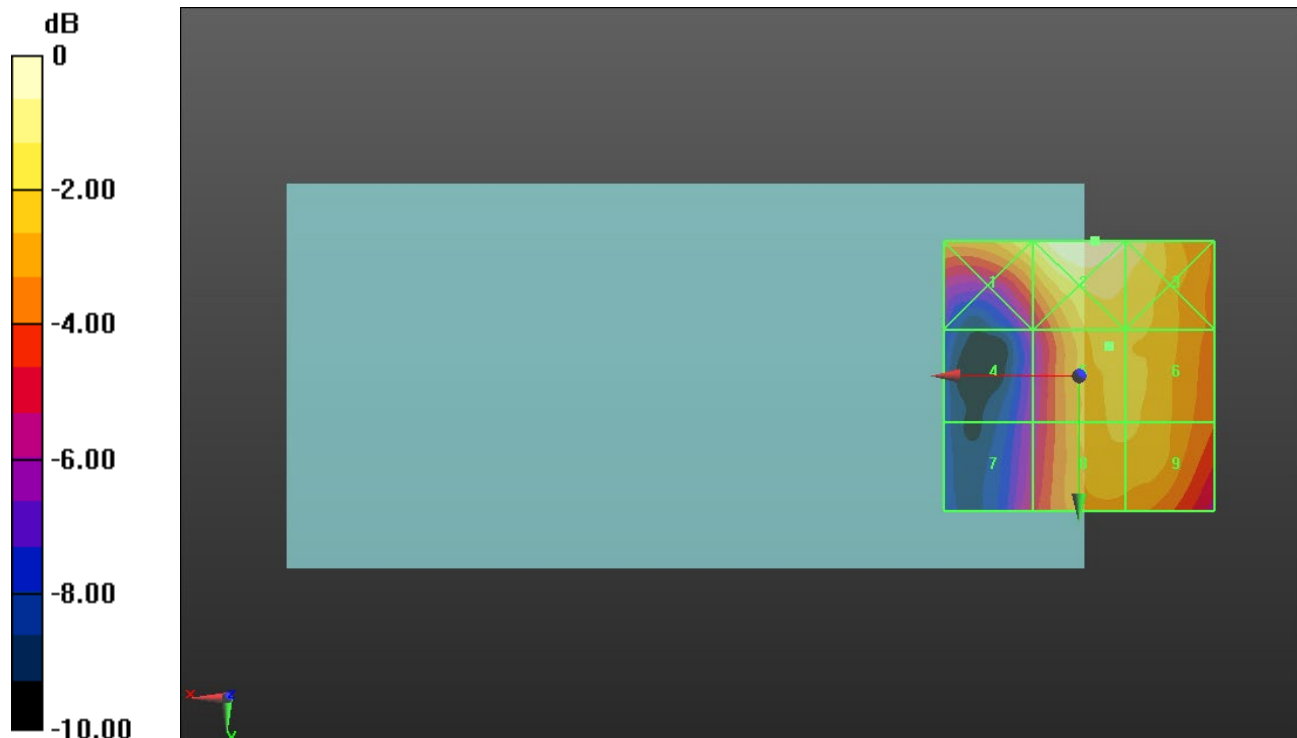
Applied MIF = -1.44 dB

RF audio interference level = 26.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.69 dBV/m	Grid 2 M4 27.77 dBV/m	Grid 3 M4 27.27 dBV/m
Grid 4 M4 22.1 dBV/m	Grid 5 M4 26.16 dBV/m	Grid 6 M4 26.07 dBV/m
Grid 7 M4 22.83 dBV/m	Grid 8 M4 25.86 dBV/m	Grid 9 M4 25.86 dBV/m



0 dB = 24.45 V/m = 27.77 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 = 23.26 V/m; Power Drift = -0.21 dB

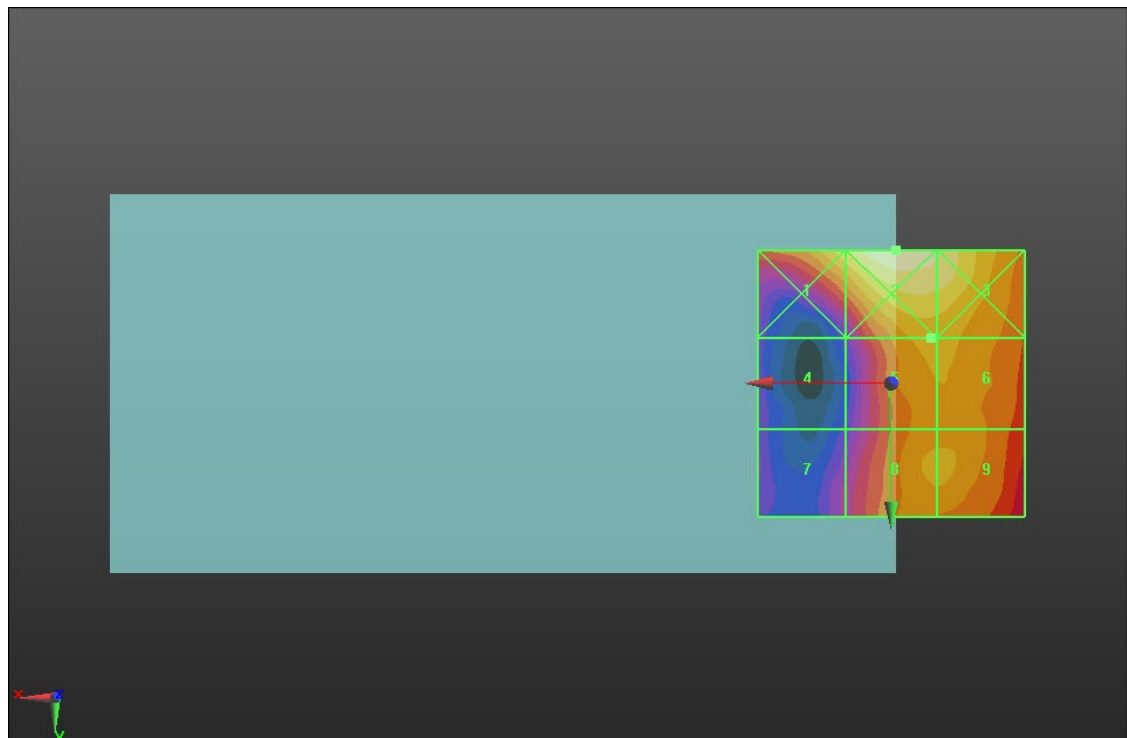
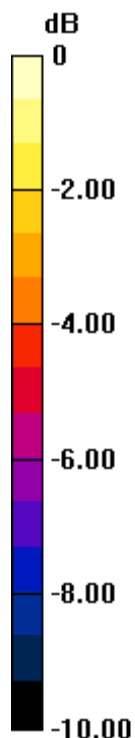
Applied MIF = -1.44 dB

RF audio interference level = 24.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.98 dBV/m	Grid 2 M4 27.32 dBV/m	Grid 3 M4 26.76 dBV/m
Grid 4 M4 20.78 dBV/m	Grid 5 M4 24.94 dBV/m	Grid 6 M4 24.93 dBV/m
Grid 7 M4 21.62 dBV/m	Grid 8 M4 24.86 dBV/m	Grid 9 M4 24.88 dBV/m



0 dB = 23.21 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: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.19 V/m; Power Drift = -0.13 dB

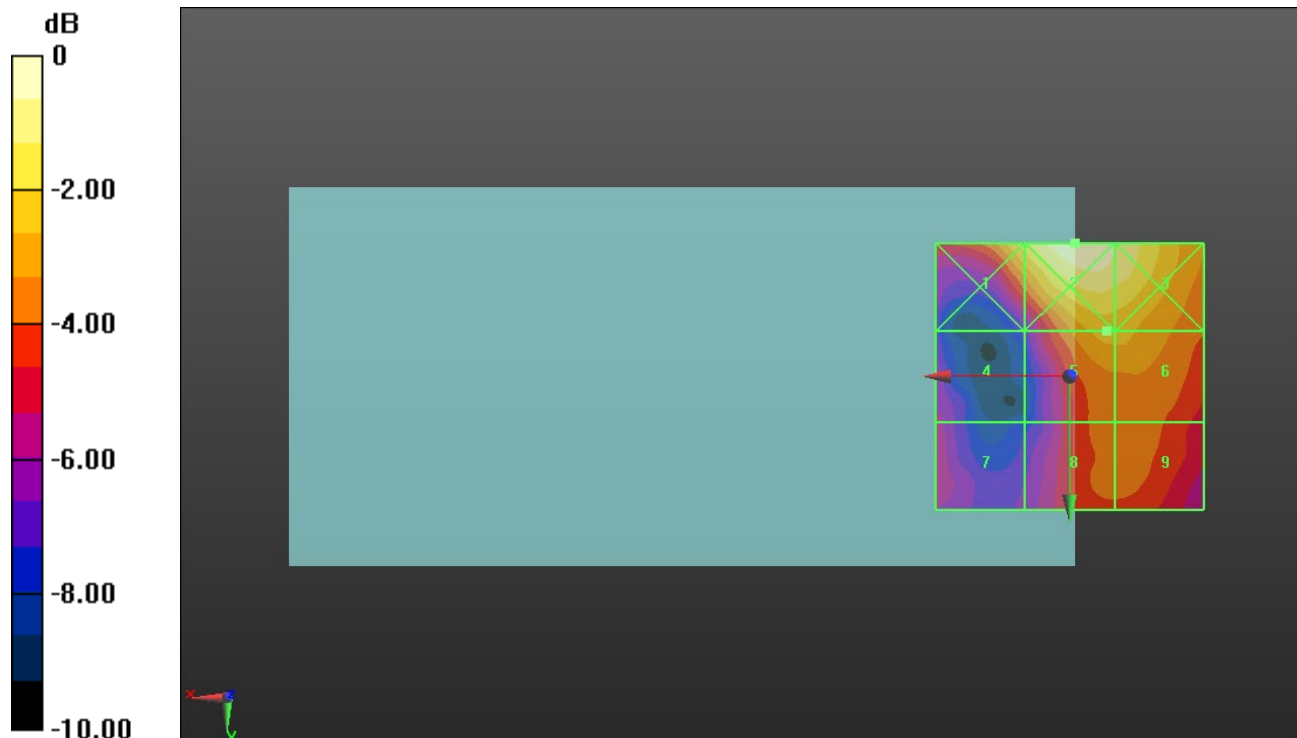
Applied MIF = -1.44 dB

RF audio interference level = 23.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.82 dBV/m	Grid 2 M4 26.37 dBV/m	Grid 3 M4 25.7 dBV/m
Grid 4 M4 20.77 dBV/m	Grid 5 M4 23.97 dBV/m	Grid 6 M4 23.93 dBV/m
Grid 7 M4 21.1 dBV/m	Grid 8 M4 22.81 dBV/m	Grid 9 M4 22.87 dBV/m



0 dB = 20.82 V/m = 26.37 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 = 10.34 V/m; Power Drift = 0.19 dB

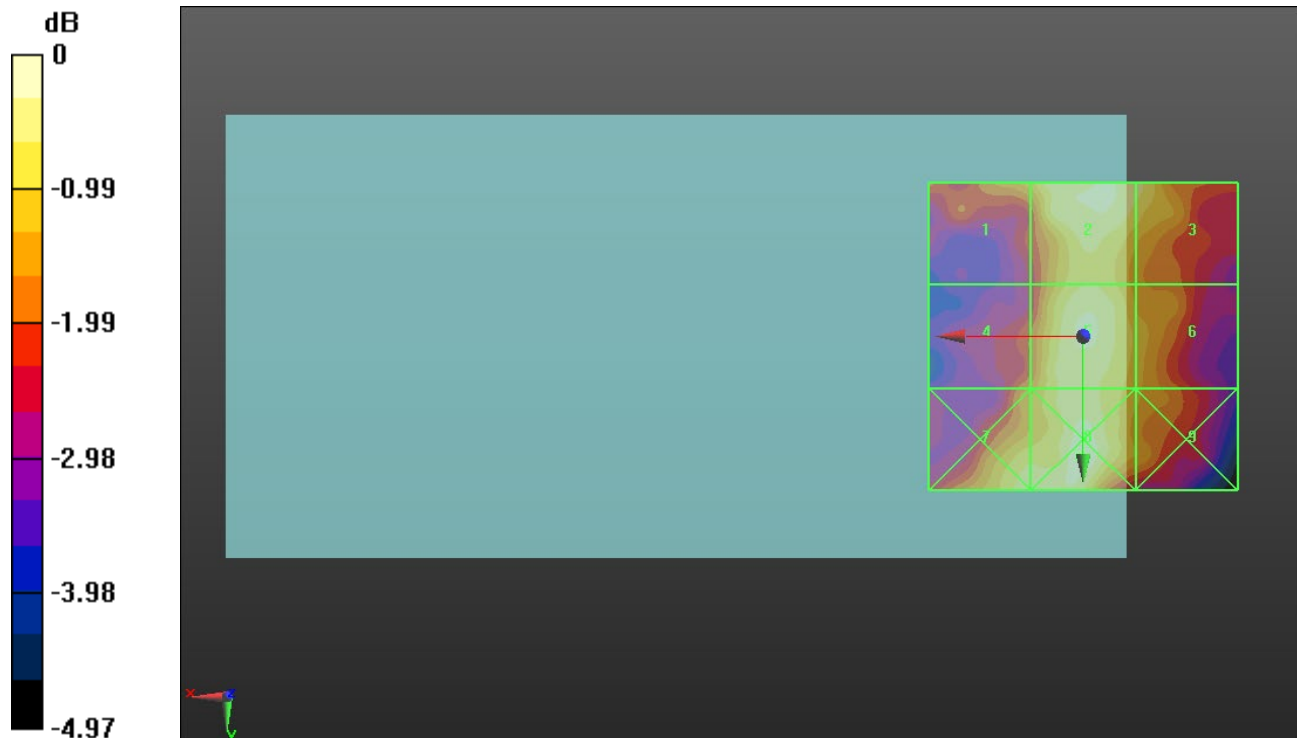
Applied MIF = -2.02 dB

RF audio interference level = 16.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.36 dBV/m	Grid 2 M4 16.12 dBV/m	Grid 3 M4 15.89 dBV/m
Grid 4 M4 14.89 dBV/m	Grid 5 M4 16.15 dBV/m	Grid 6 M4 15.33 dBV/m
Grid 7 M4 15.95 dBV/m	Grid 8 M4 16.38 dBV/m	Grid 9 M4 15.17 dBV/m



0 dB = 6.593 V/m = 16.38 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 = 10.80 V/m; Power Drift = -0.08 dB

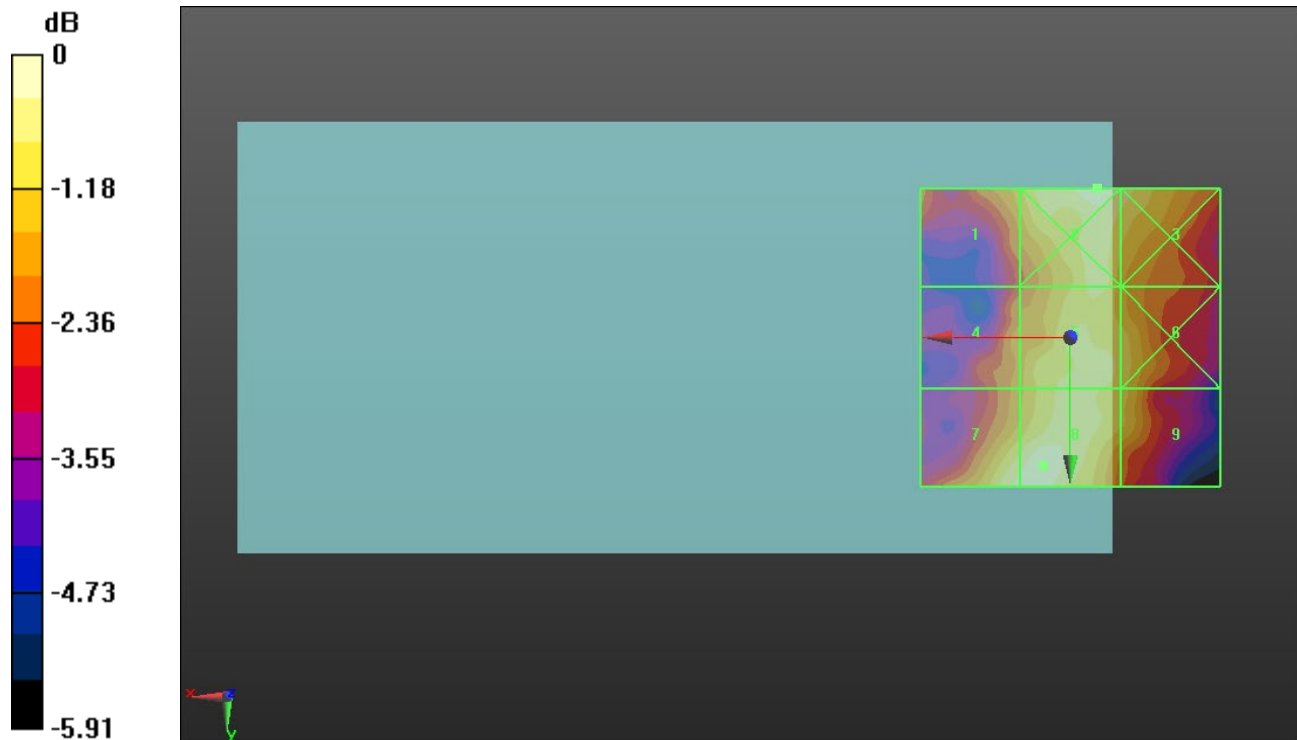
Applied MIF = -2.02 dB

RF audio interference level = 16.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.31 dBV/m	Grid 2 M4 16.6 dBV/m	Grid 3 M4 16.12 dBV/m
Grid 4 M4 14.91 dBV/m	Grid 5 M4 16.06 dBV/m	Grid 6 M4 15.68 dBV/m
Grid 7 M4 16.34 dBV/m	Grid 8 M4 16.47 dBV/m	Grid 9 M4 15.6 dBV/m



0 dB = 6.759 V/m = 16.60 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 = 11.62 V/m; Power Drift = -0.12 dB

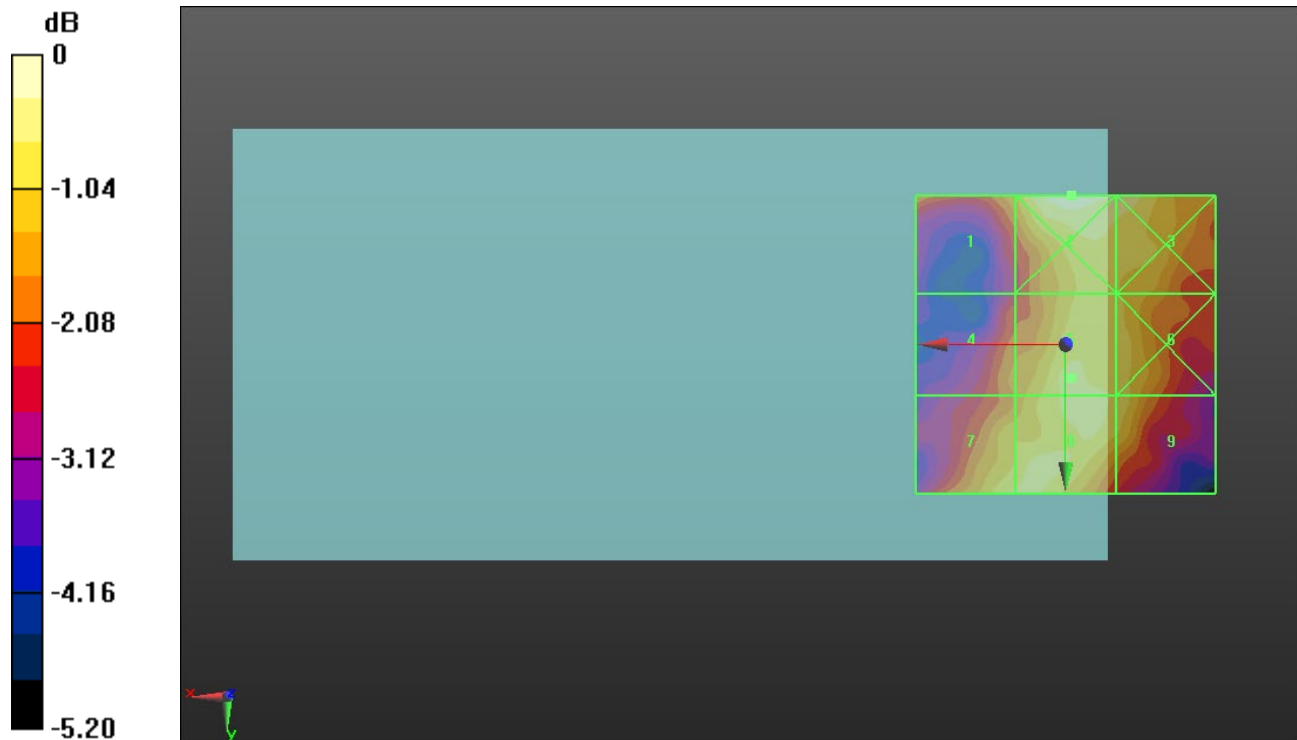
Applied MIF = -2.02 dB

RF audio interference level = 17.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.5 dBV/m	Grid 2 M4 17.83 dBV/m	Grid 3 M4 17.56 dBV/m
Grid 4 M4 16.23 dBV/m	Grid 5 M4 17.28 dBV/m	Grid 6 M4 17.07 dBV/m
Grid 7 M4 17.21 dBV/m	Grid 8 M4 17.27 dBV/m	Grid 9 M4 17.07 dBV/m



0 dB = 7.788 V/m = 17.83 dBV/m

HAC-RF Emission ANT3

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.575 V/m; Power Drift = 0.14 dB

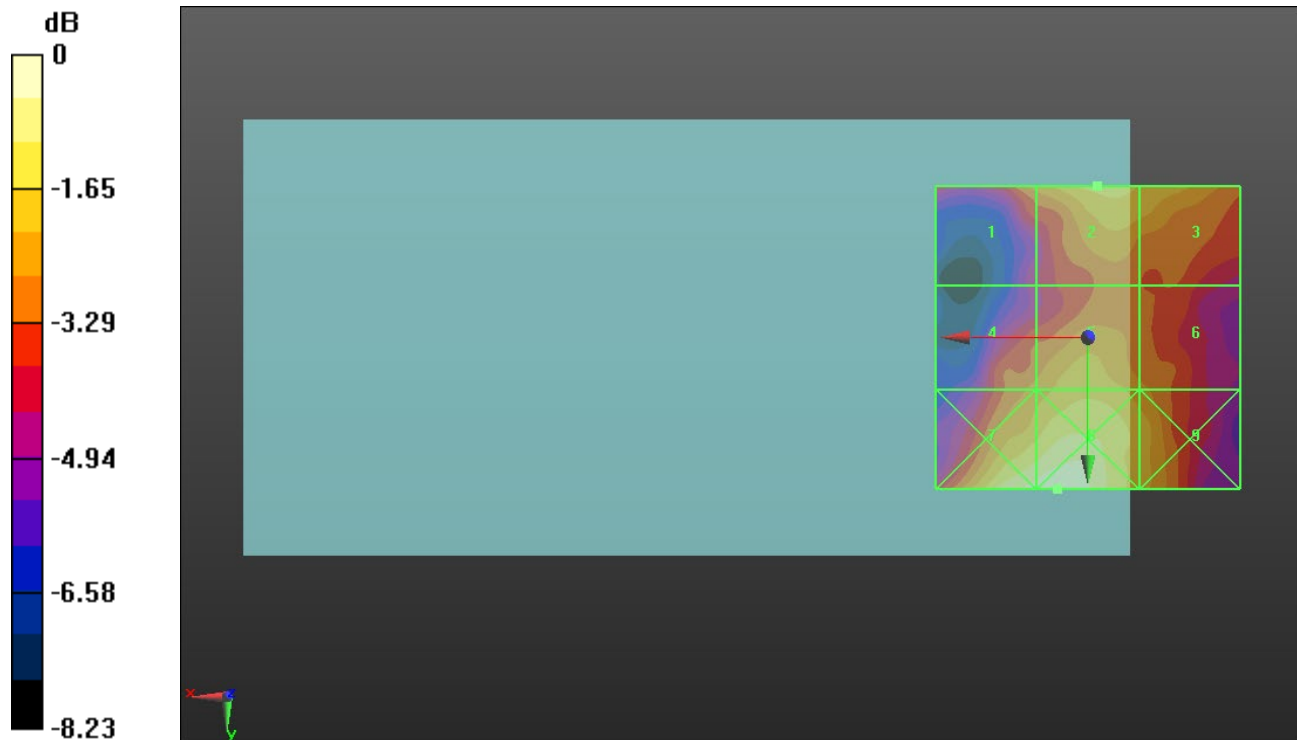
Applied MIF = 0.12 dB

RF audio interference level = 15.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.78 dBV/m	Grid 2 M4 15.78 dBV/m	Grid 3 M4 15.52 dBV/m
Grid 4 M4 14.69 dBV/m	Grid 5 M4 15.42 dBV/m	Grid 6 M4 14.66 dBV/m
Grid 7 M4 16.93 dBV/m	Grid 8 M4 17.19 dBV/m	Grid 9 M4 15.38 dBV/m



0 dB = 7.235 V/m = 17.19 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 = 9.999 V/m; Power Drift = -0.12 dB

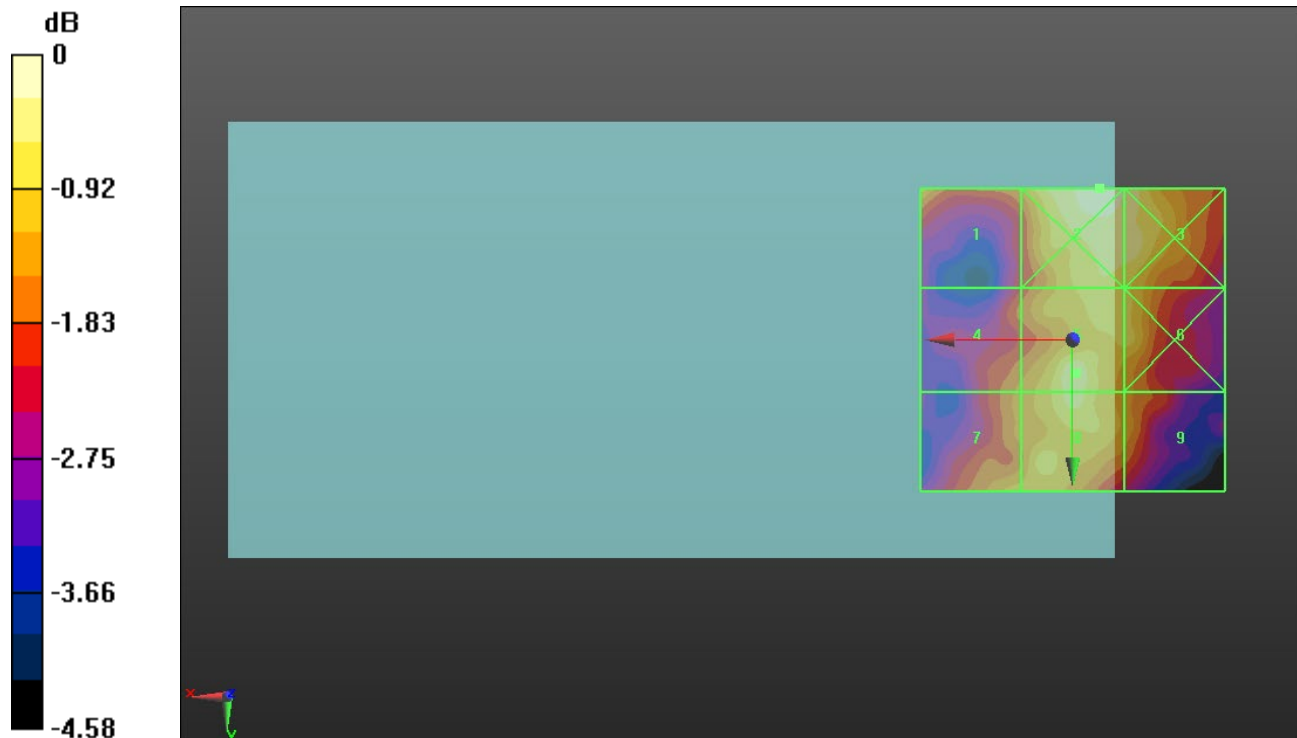
Applied MIF = 0.12 dB

RF audio interference level = 18.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.72 dBV/m	Grid 2 M4 18.65 dBV/m	Grid 3 M4 18.38 dBV/m
Grid 4 M4 17.25 dBV/m	Grid 5 M4 18.31 dBV/m	Grid 6 M4 17.88 dBV/m
Grid 7 M4 17.64 dBV/m	Grid 8 M4 18.15 dBV/m	Grid 9 M4 17.38 dBV/m



0 dB = 8.563 V/m = 18.65 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 = 10.52 V/m; Power Drift = 0.05 dB

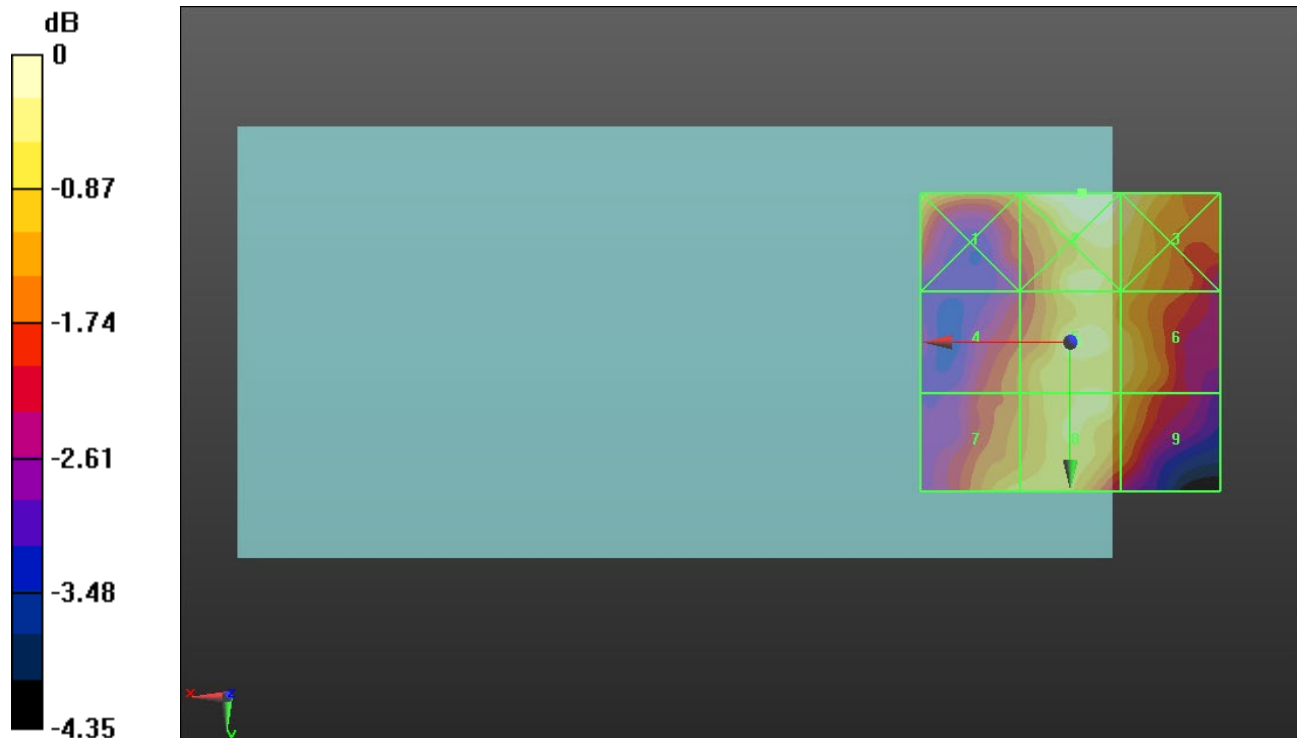
Applied MIF = 0.12 dB

RF audio interference level = 18.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.62 dBV/m	Grid 2 M4 19.11 dBV/m	Grid 3 M4 18.87 dBV/m
Grid 4 M4 17.74 dBV/m	Grid 5 M4 18.78 dBV/m	Grid 6 M4 18.43 dBV/m
Grid 7 M4 18.46 dBV/m	Grid 8 M4 18.75 dBV/m	Grid 9 M4 18.23 dBV/m



0 dB = 9.028 V/m = 19.11 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 = 23.03 V/m; Power Drift = -0.01 dB

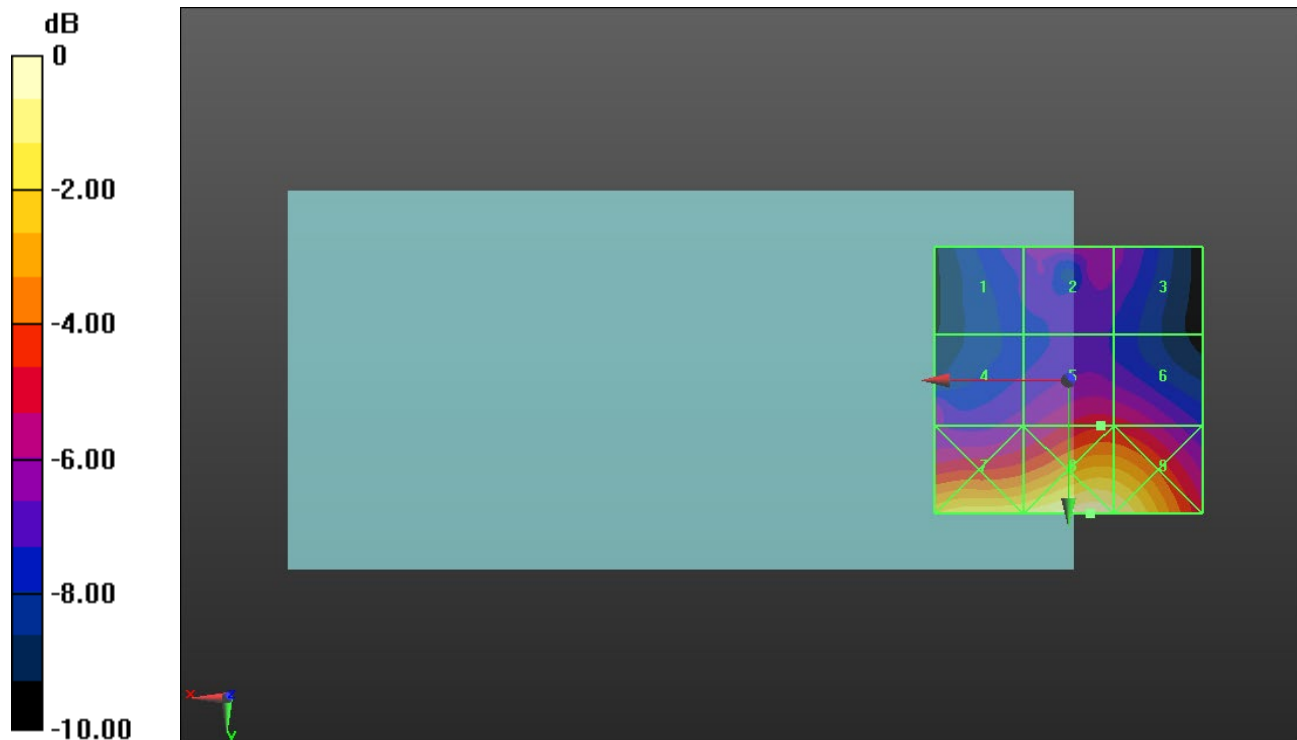
Applied MIF = 3.63 dB

RF audio interference level = 29.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.95 dBV/m	Grid 2 M4 28.69 dBV/m	Grid 3 M4 28.26 dBV/m
Grid 4 M4 28.45 dBV/m	Grid 5 M4 29.78 dBV/m	Grid 6 M4 29.7 dBV/m
Grid 7 M3 33.49 dBV/m	Grid 8 M3 34.57 dBV/m	Grid 9 M3 34.15 dBV/m



0 dB = 53.52 V/m = 34.57 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 = 22.93 V/m; Power Drift = -0.03 dB

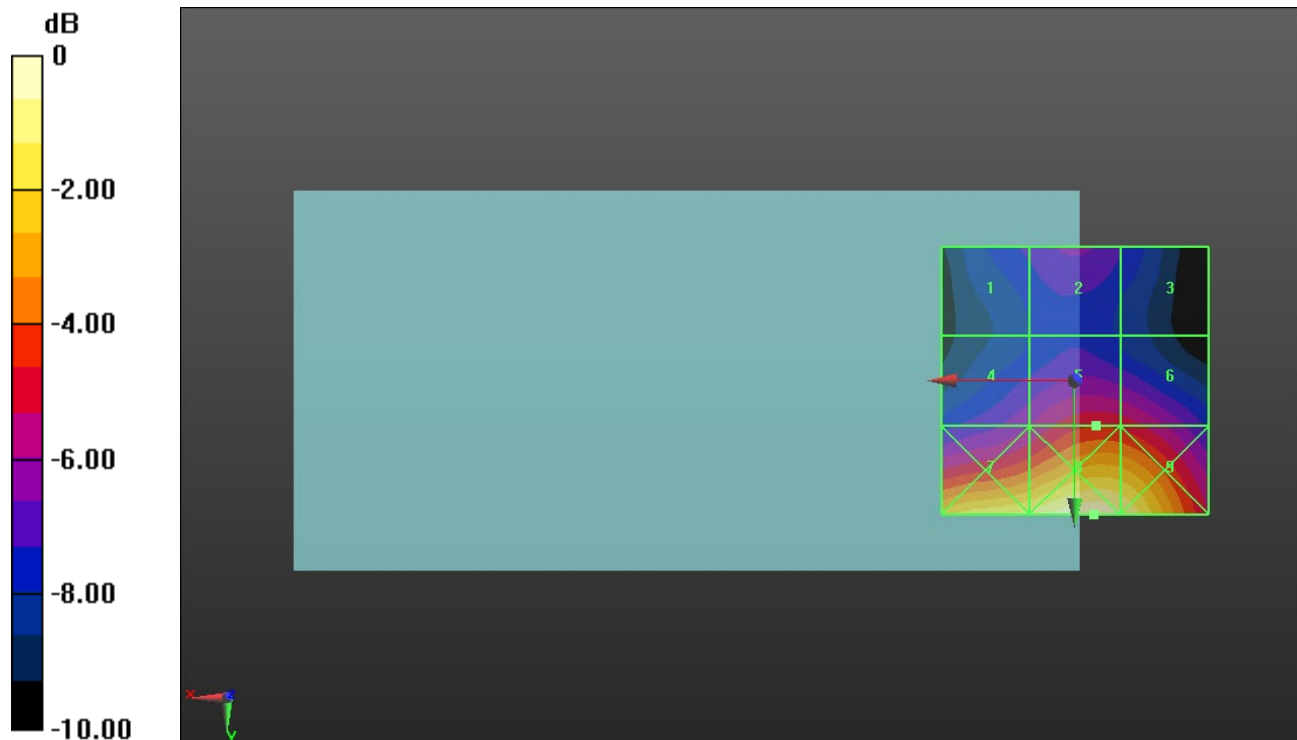
Applied MIF = 3.63 dB

RF audio interference level = 30.06 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.63 dBV/m	Grid 2 M4 28.21 dBV/m	Grid 3 M4 27.49 dBV/m
Grid 4 M4 28.75 dBV/m	Grid 5 M3 30.06 dBV/m	Grid 6 M4 29.91 dBV/m
Grid 7 M3 33.72 dBV/m	Grid 8 M3 34.72 dBV/m	Grid 9 M3 34.22 dBV/m



0 dB = 54.44 V/m = 34.72 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.56 V/m; Power Drift = -0.01 dB

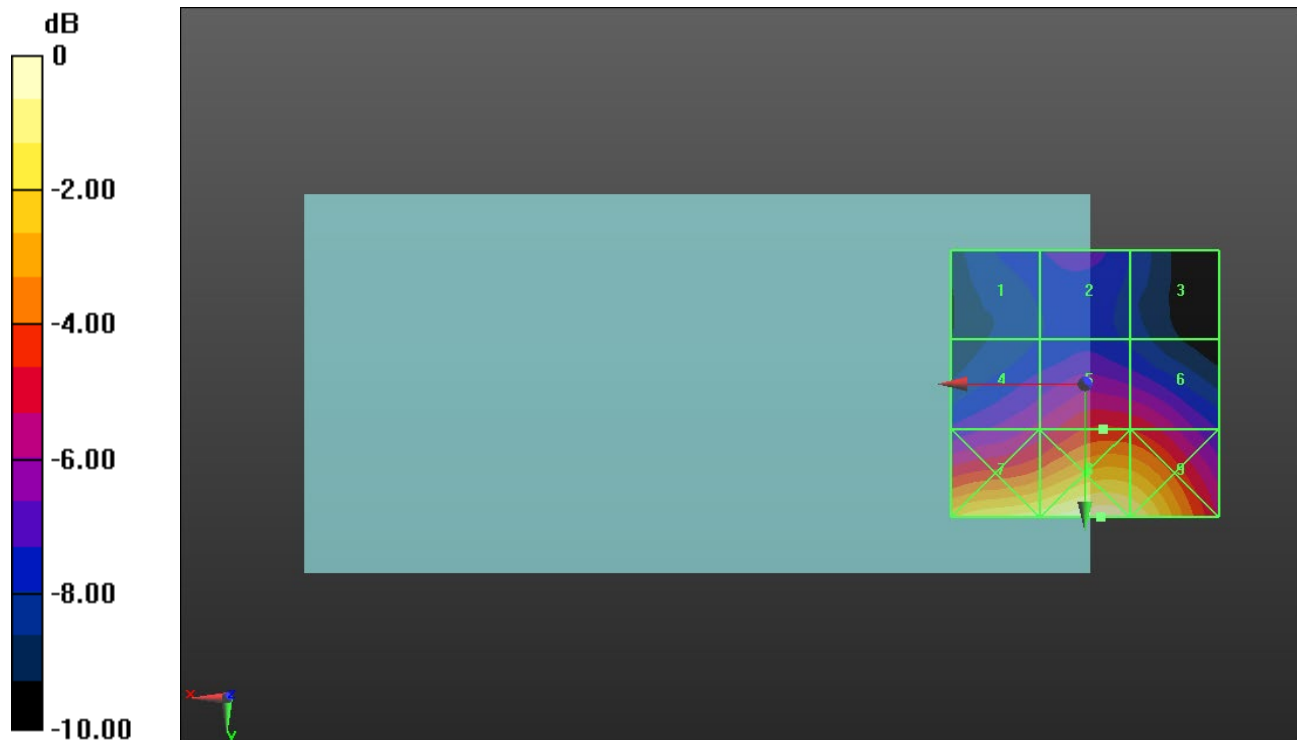
Applied MIF = 3.63 dB

RF audio interference level = 29.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.07 dBV/m	Grid 2 M4 27.4 dBV/m	Grid 3 M4 26.42 dBV/m
Grid 4 M4 28.72 dBV/m	Grid 5 M4 29.94 dBV/m	Grid 6 M4 29.79 dBV/m
Grid 7 M3 33.66 dBV/m	Grid 8 M3 34.43 dBV/m	Grid 9 M3 33.89 dBV/m



0 dB = 52.69 V/m = 34.43 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 = 18.23 V/m; Power Drift = -0.20 dB

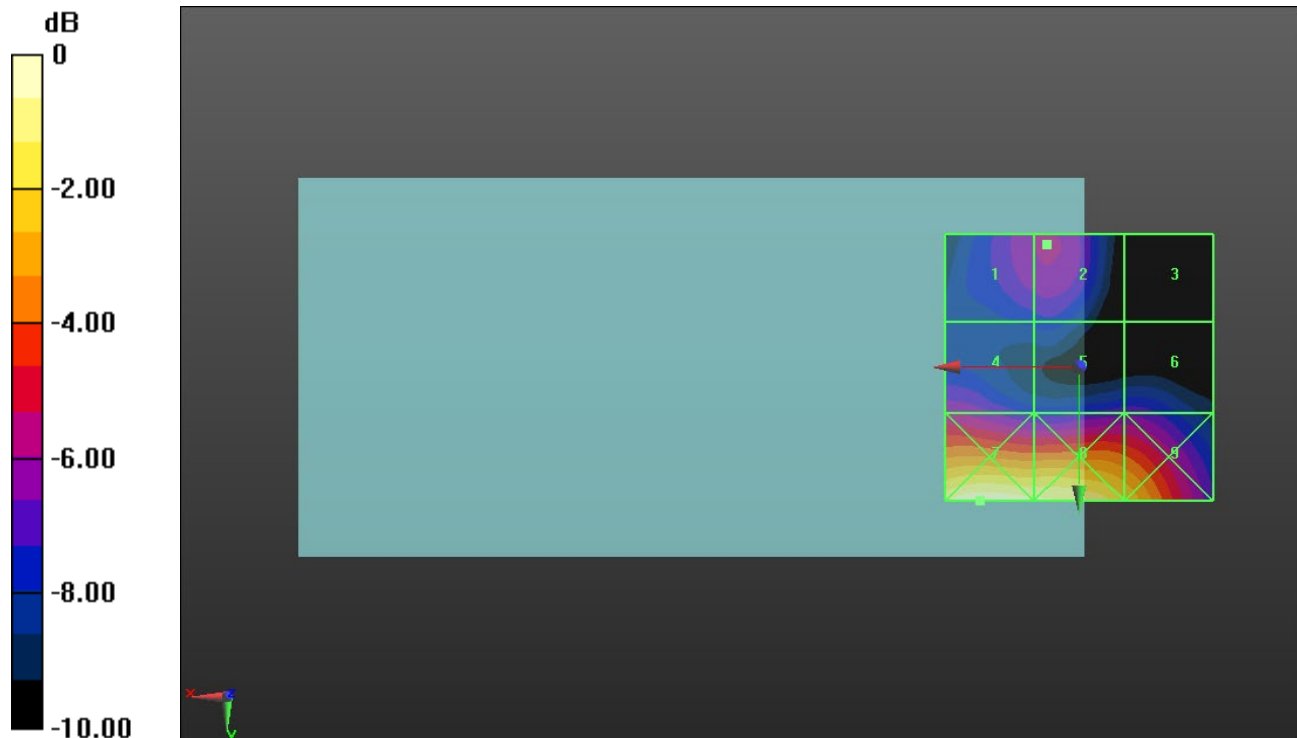
Applied MIF = -1.44 dB

RF audio interference level = 24.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.93 dBV/m	Grid 2 M4 24.06 dBV/m	Grid 3 M4 19.76 dBV/m
Grid 4 M4 23.99 dBV/m	Grid 5 M4 23.05 dBV/m	Grid 6 M4 23.06 dBV/m
Grid 7 M4 29.91 dBV/m	Grid 8 M4 29.45 dBV/m	Grid 9 M4 28.01 dBV/m



0 dB = 31.30 V/m = 29.91 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 = 18.40 V/m; Power Drift = 0.03 dB

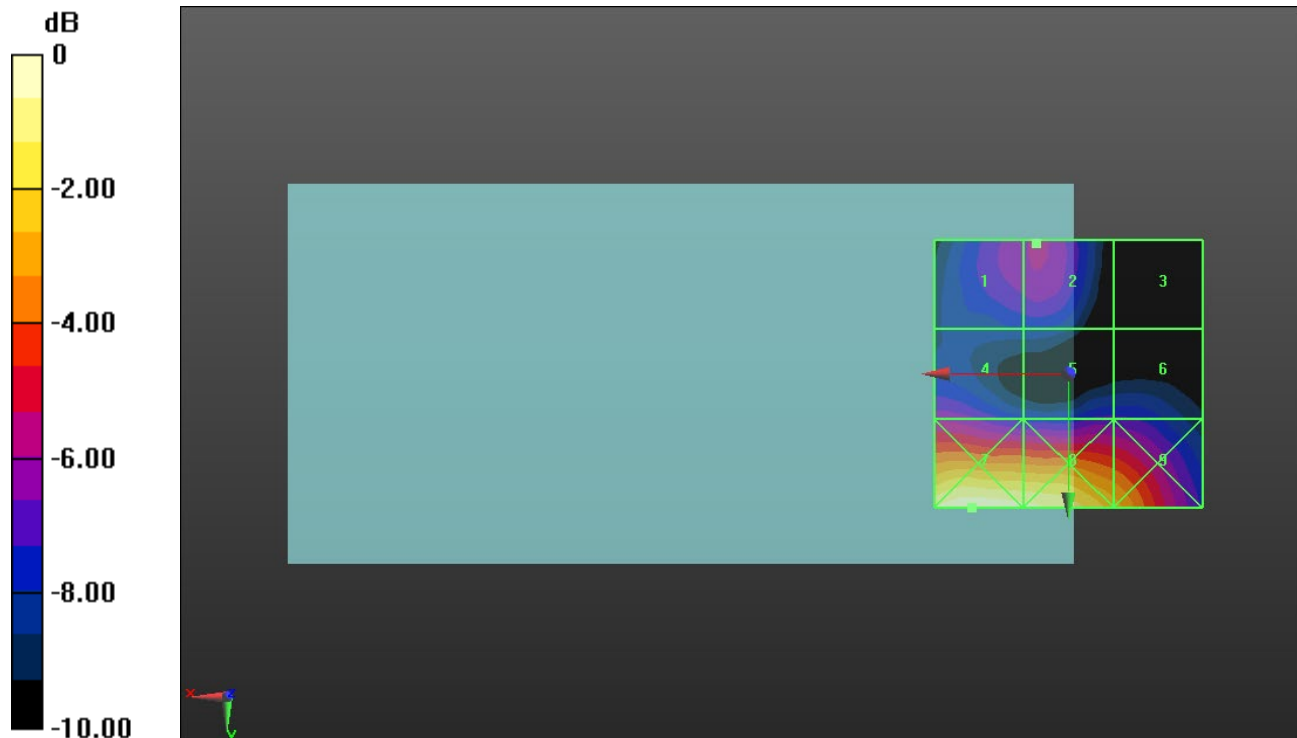
Applied MIF = -1.44 dB

RF audio interference level = 24.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.3 dBV/m	Grid 2 M4 24.54 dBV/m	Grid 3 M4 20.12 dBV/m
Grid 4 M4 24.3 dBV/m	Grid 5 M4 23.33 dBV/m	Grid 6 M4 23.3 dBV/m
Grid 7 M3 30.38 dBV/m	Grid 8 M4 29.99 dBV/m	Grid 9 M4 28.1 dBV/m



0 dB = 33.03 V/m = 30.38 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 = 14.46 V/m; Power Drift = -0.09 dB

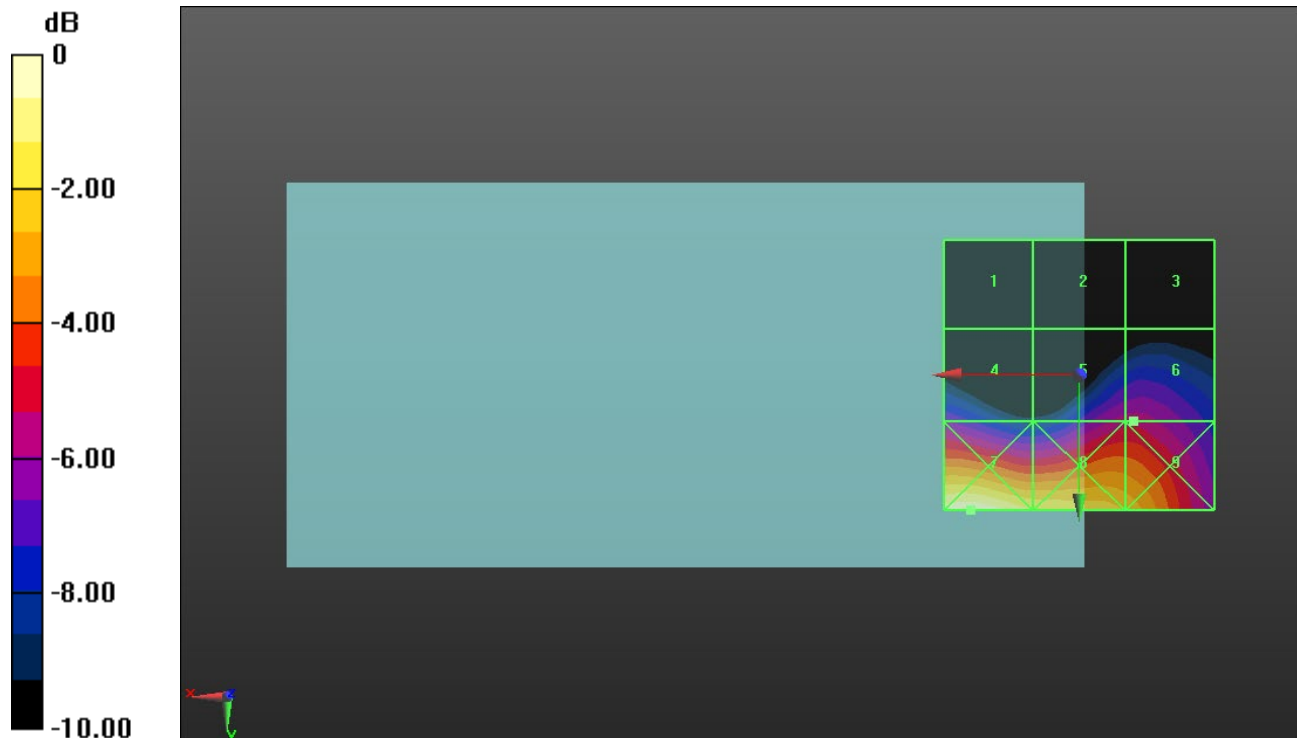
Applied MIF = -1.44 dB

RF audio interference level = 23.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.31 dBV/m	Grid 2 M4 19.38 dBV/m	Grid 3 M4 19.14 dBV/m
Grid 4 M4 22.77 dBV/m	Grid 5 M4 23.67 dBV/m	Grid 6 M4 23.73 dBV/m
Grid 7 M4 29.29 dBV/m	Grid 8 M4 28.09 dBV/m	Grid 9 M4 27.26 dBV/m



0 dB = 29.16 V/m = 29.30 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 = 14.28 V/m; Power Drift = 0.02 dB

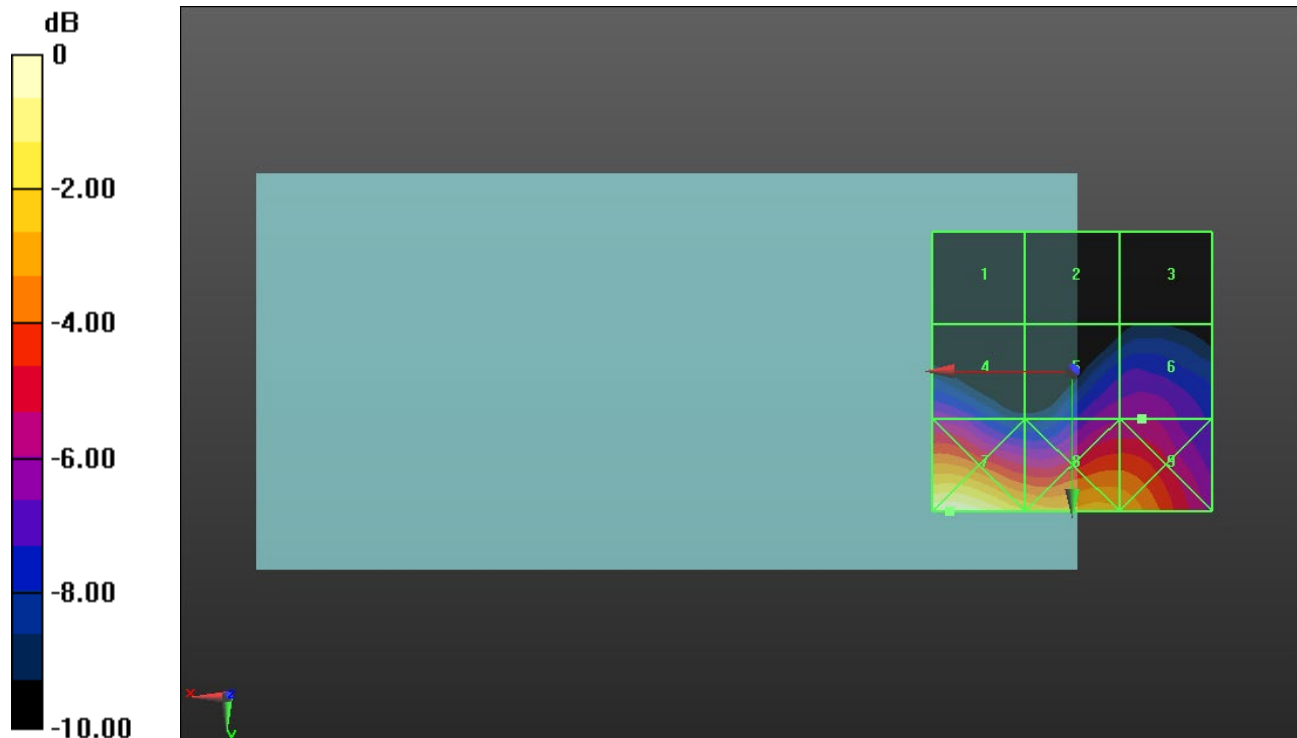
Applied MIF = -1.44 dB

RF audio interference level = 23.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.07 dBV/m	Grid 2 M4 19.34 dBV/m	Grid 3 M4 19.93 dBV/m
Grid 4 M4 23.03 dBV/m	Grid 5 M4 23.13 dBV/m	Grid 6 M4 23.25 dBV/m
Grid 7 M4 29.19 dBV/m	Grid 8 M4 27.27 dBV/m	Grid 9 M4 26.59 dBV/m



0 dB = 28.80 V/m = 29.19 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 = 15.91 V/m; Power Drift = -0.07 dB

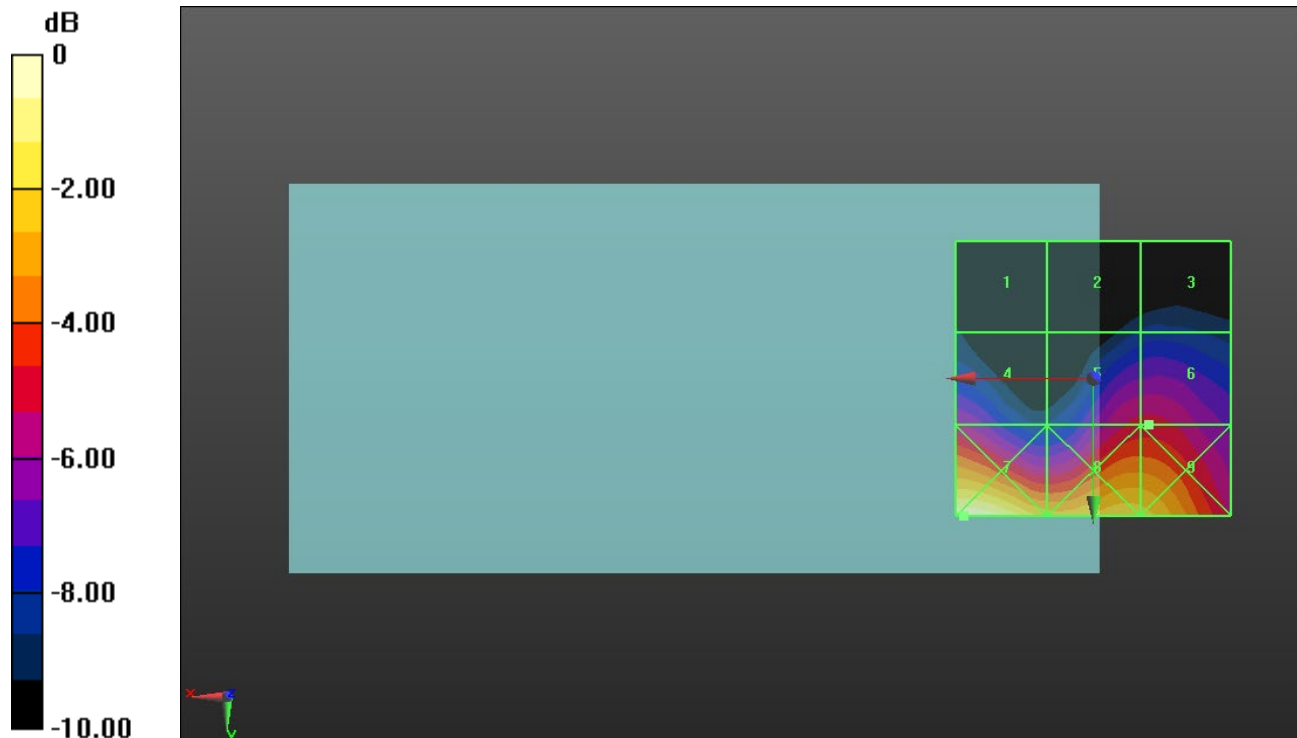
Applied MIF = -1.44 dB

RF audio interference level = 23.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.12 dBV/m	Grid 2 M4 19.8 dBV/m	Grid 3 M4 20.01 dBV/m
Grid 4 M4 22.57 dBV/m	Grid 5 M4 23.28 dBV/m	Grid 6 M4 23.29 dBV/m
Grid 7 M4 28.34 dBV/m	Grid 8 M4 26.91 dBV/m	Grid 9 M4 26.73 dBV/m



0 dB = 26.11 V/m = 28.34 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 = 20.78 V/m; Power Drift = -0.13 dB

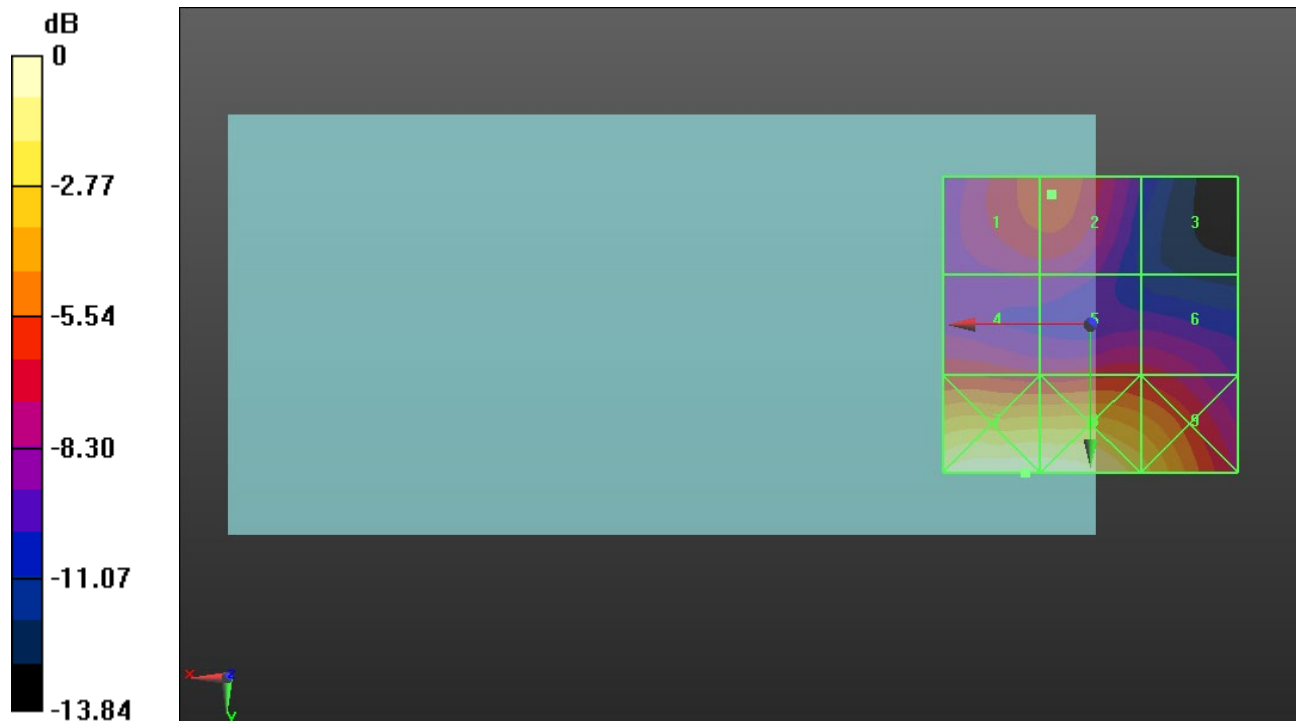
Applied MIF = -1.44 dB

RF audio interference level = 25.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.69 dBV/m	Grid 2 M4 25.78 dBV/m	Grid 3 M4 21.8 dBV/m
Grid 4 M4 25.23 dBV/m	Grid 5 M4 25.07 dBV/m	Grid 6 M4 24.87 dBV/m
Grid 7 M3 31.64 dBV/m	Grid 8 M3 31.59 dBV/m	Grid 9 M4 29.4 dBV/m



0 dB = 38.21 V/m = 31.64 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.30 V/m; Power Drift = -0.05 dB

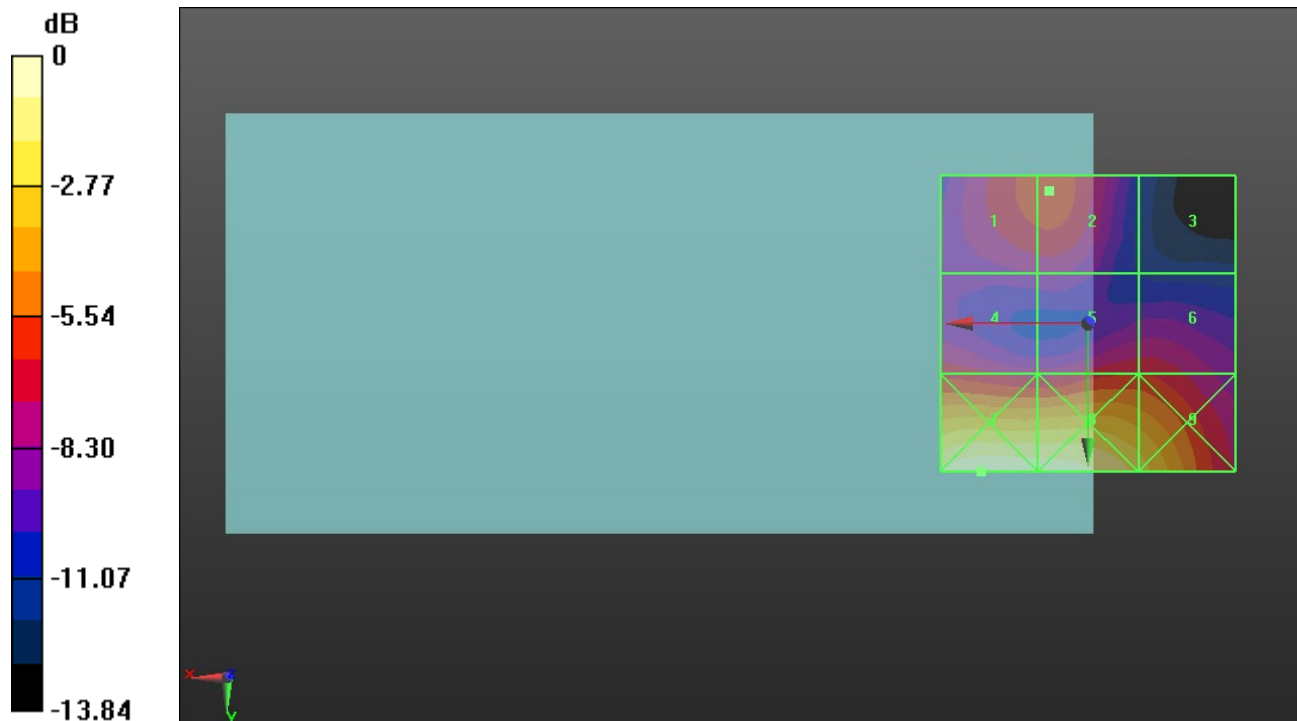
Applied MIF = -1.44 dB

RF audio interference level = 26.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26 dBV/m	Grid 2 M4 26.1 dBV/m	Grid 3 M4 21.26 dBV/m
Grid 4 M4 25.35 dBV/m	Grid 5 M4 25.56 dBV/m	Grid 6 M4 25.56 dBV/m
Grid 7 M3 31.98 dBV/m	Grid 8 M3 31.75 dBV/m	Grid 9 M4 29.79 dBV/m



0 dB = 39.71 V/m = 31.98 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 = 21.36 V/m; Power Drift = 0.13 dB

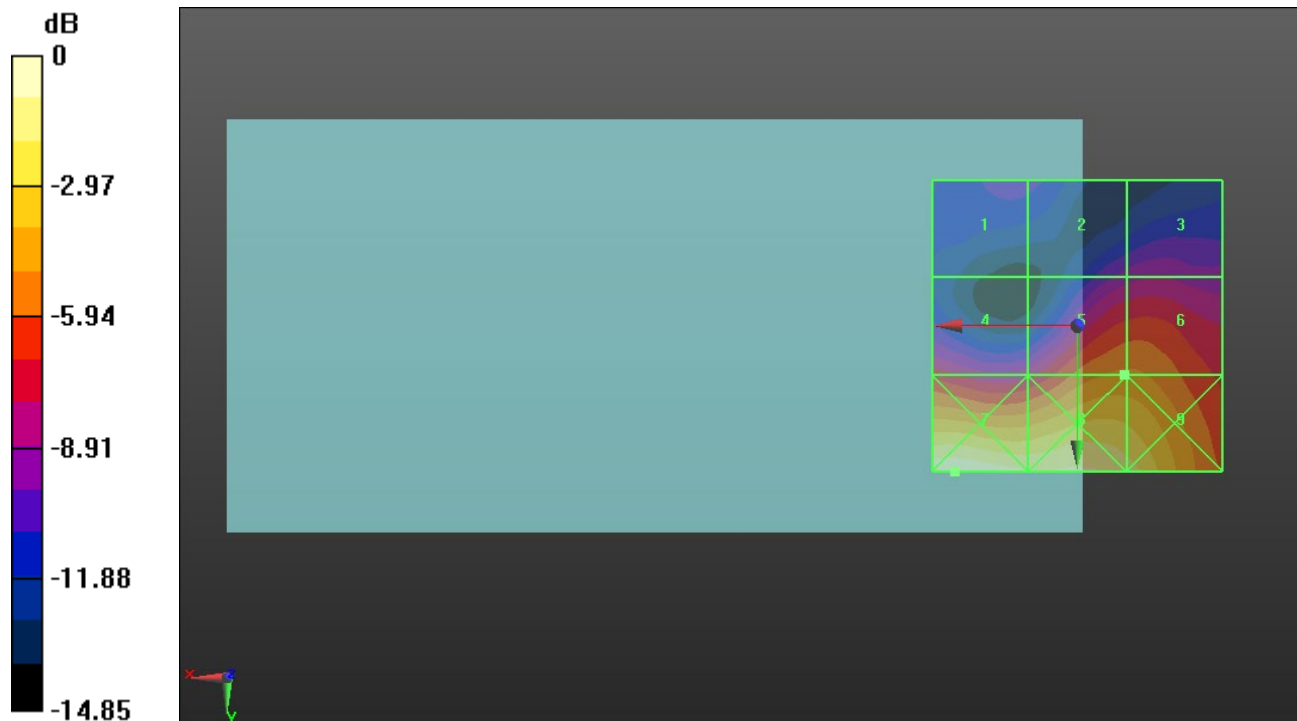
Applied MIF = -1.44 dB

RF audio interference level = 25.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.22 dBV/m	Grid 2 M4 21.24 dBV/m	Grid 3 M4 21.71 dBV/m
Grid 4 M4 23.53 dBV/m	Grid 5 M4 25.9 dBV/m	Grid 6 M4 25.9 dBV/m
Grid 7 M3 30.62 dBV/m	Grid 8 M4 29.79 dBV/m	Grid 9 M4 29.18 dBV/m



0 dB = 33.96 V/m = 30.62 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 = 22.23 V/m; Power Drift = -0.05 dB

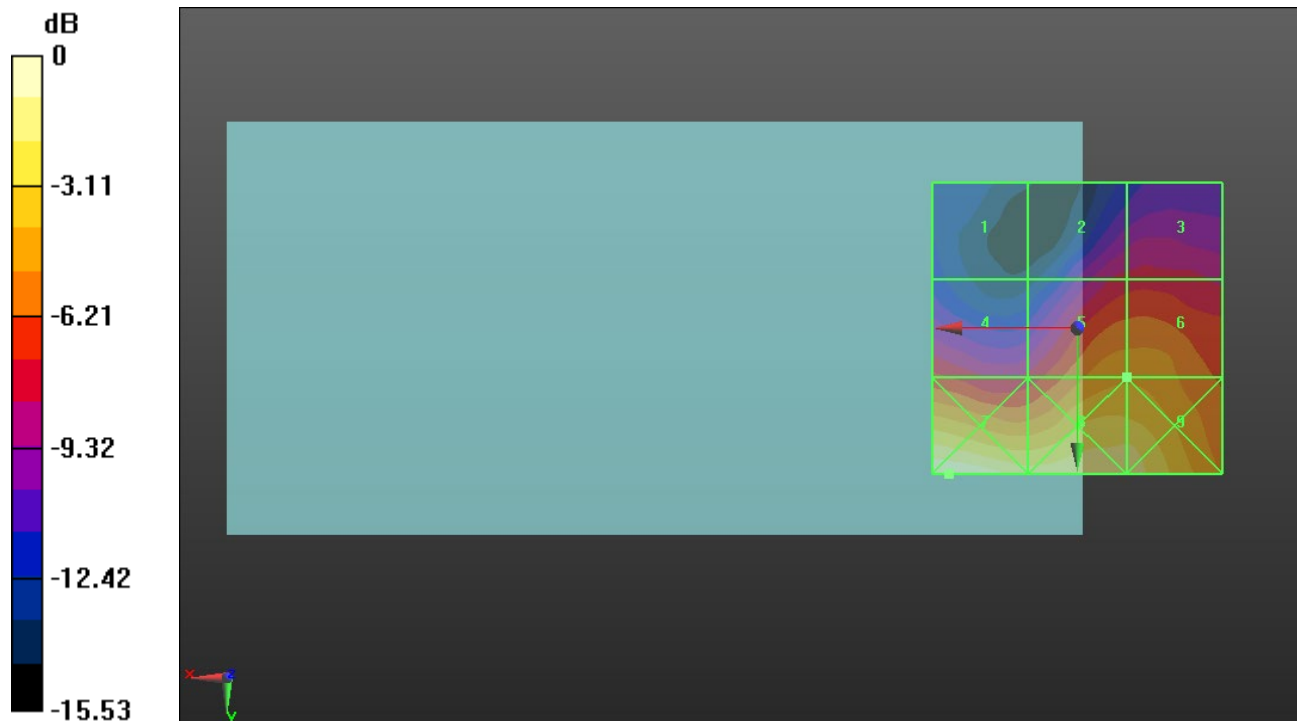
Applied MIF = -1.44 dB

RF audio interference level = 25.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.47 dBV/m	Grid 2 M4 22.18 dBV/m	Grid 3 M4 22.37 dBV/m
Grid 4 M4 23.21 dBV/m	Grid 5 M4 25.74 dBV/m	Grid 6 M4 25.74 dBV/m
Grid 7 M3 30.06 dBV/m	Grid 8 M4 29.08 dBV/m	Grid 9 M4 28.64 dBV/m



0 dB = 31.83 V/m = 30.06 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 = 23.63 V/m; Power Drift = -0.07 dB

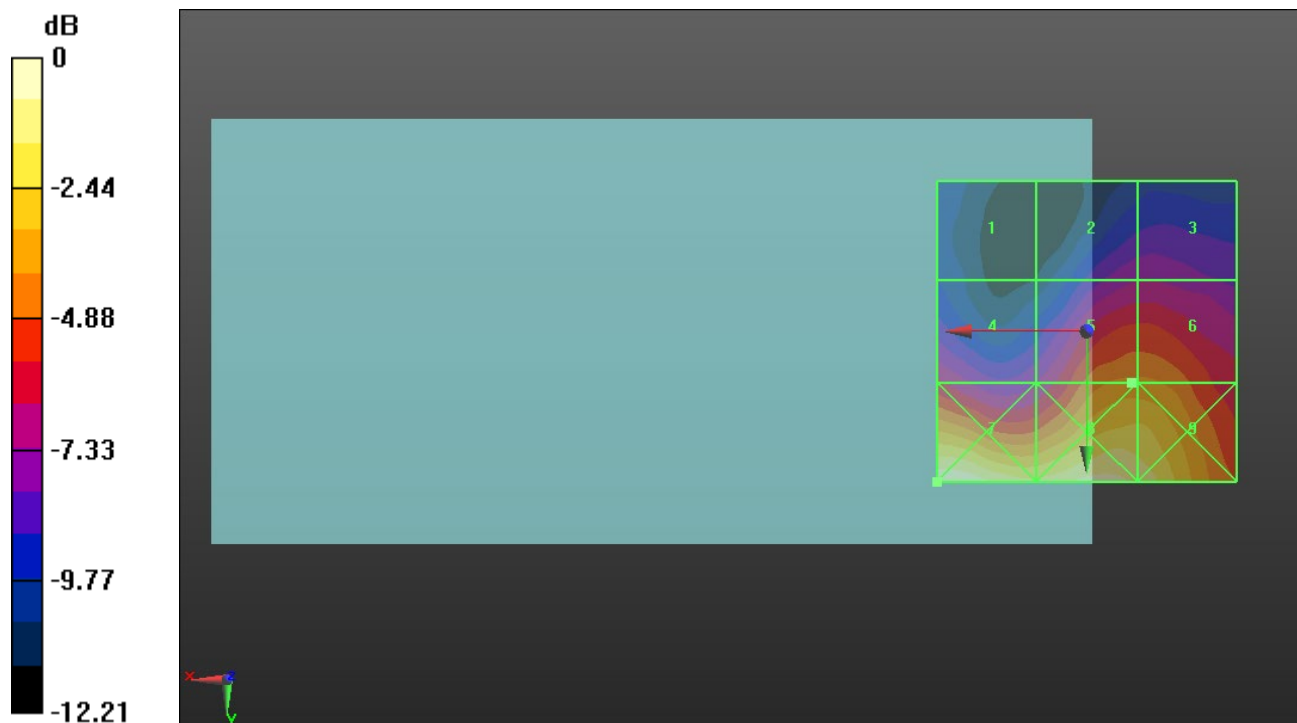
Applied MIF = -1.44 dB

RF audio interference level = 25.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.9 dBV/m	Grid 2 M4 22.28 dBV/m	Grid 3 M4 22.35 dBV/m
Grid 4 M4 23.34 dBV/m	Grid 5 M4 25.77 dBV/m	Grid 6 M4 25.77 dBV/m
Grid 7 M4 29.59 dBV/m	Grid 8 M4 29.08 dBV/m	Grid 9 M4 28.64 dBV/m



0 dB = 30.18 V/m = 29.59 dBV/m

HAC-RF Emission ANT4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 44.52 V/m; Power Drift = -0.19 dB

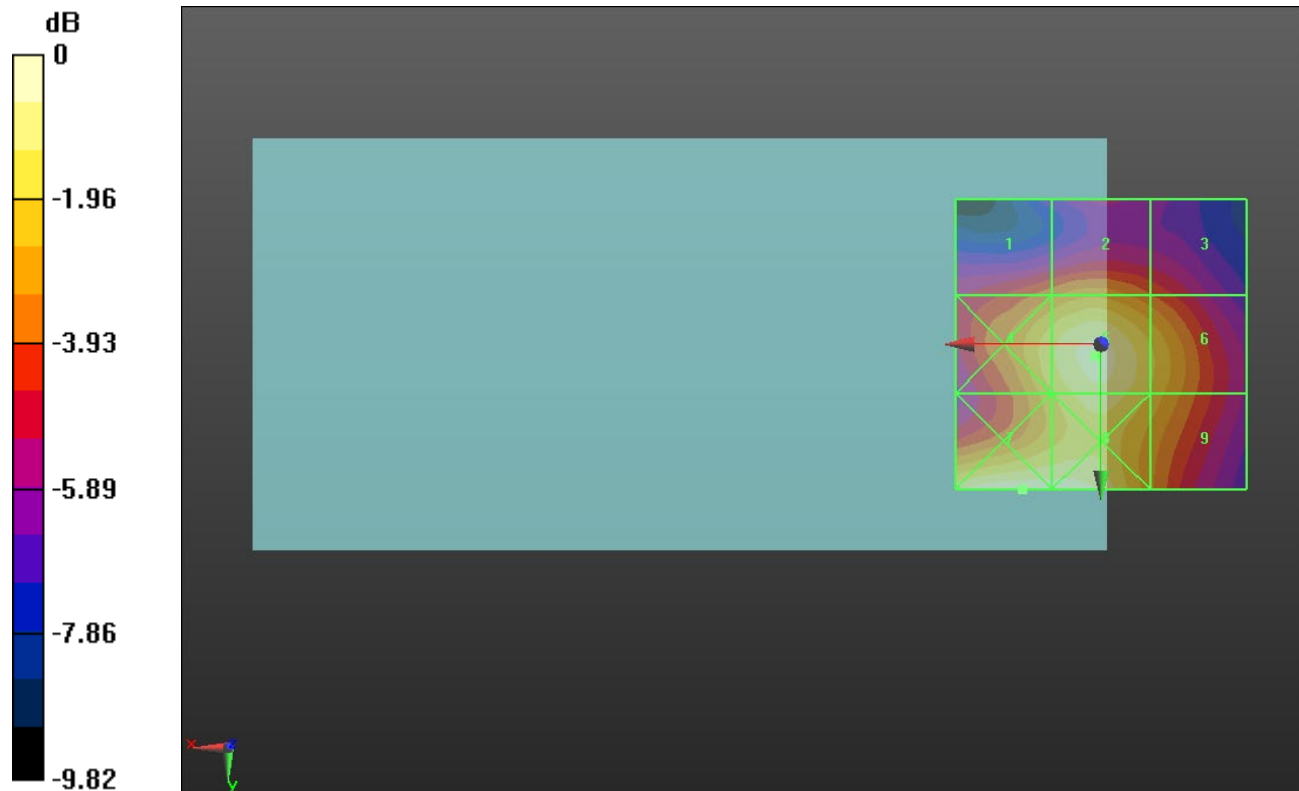
Applied MIF = -1.44 dB

RF audio interference level = 28.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.22 dBV/m	Grid 2 M4 25.86 dBV/m	Grid 3 M4 24.78 dBV/m
Grid 4 M4 27.23 dBV/m	Grid 5 M4 28.23 dBV/m	Grid 6 M4 26.84 dBV/m
Grid 7 M4 28.63 dBV/m	Grid 8 M4 28.54 dBV/m	Grid 9 M4 26.53 dBV/m



0 dB = 27.02 V/m = 28.63 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 = 39.28 V/m; Power Drift = 0.16 dB

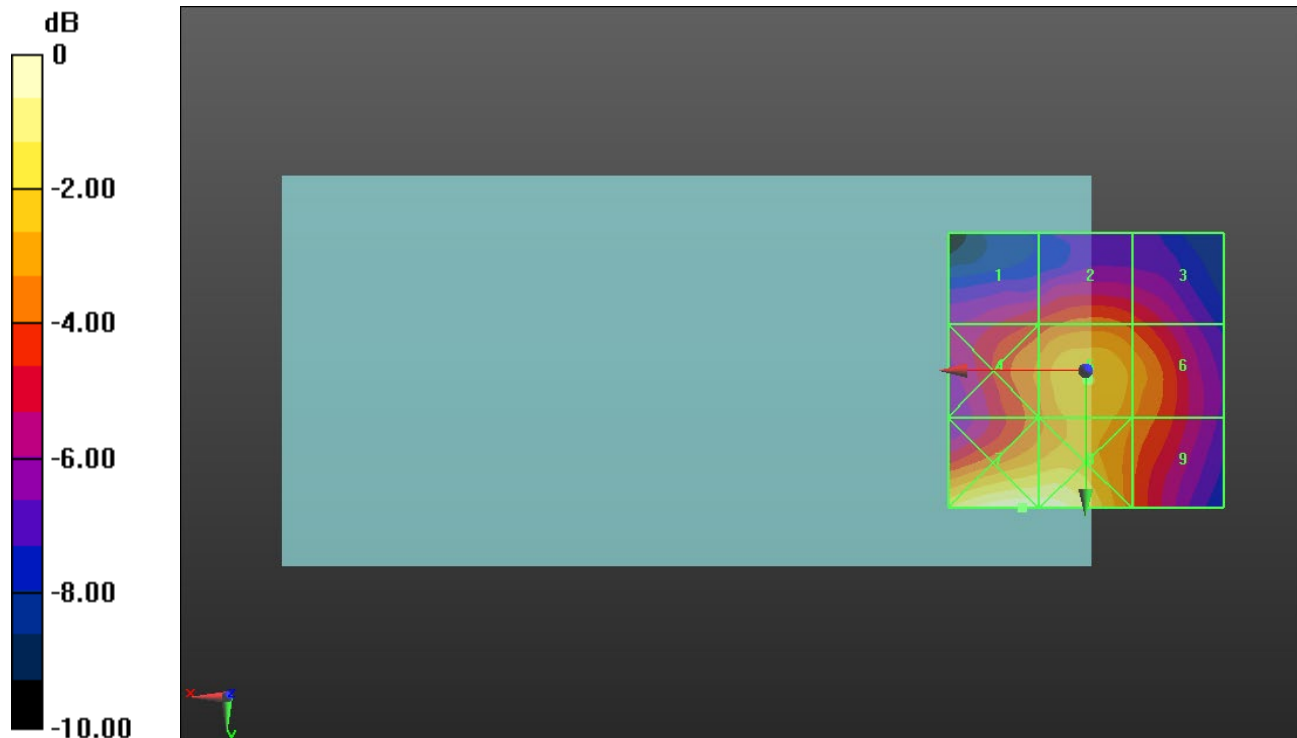
Applied MIF = -1.44 dB

RF audio interference level = 27.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.54 dBV/m	Grid 2 M4 25.36 dBV/m	Grid 3 M4 24.77 dBV/m
Grid 4 M4 25.88 dBV/m	Grid 5 M4 27.04 dBV/m	Grid 6 M4 26.22 dBV/m
Grid 7 M4 29.01 dBV/m	Grid 8 M4 28.94 dBV/m	Grid 9 M4 25.75 dBV/m



0 dB = 28.21 V/m = 29.01 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 = 36.48 V/m; Power Drift = 0.05 dB

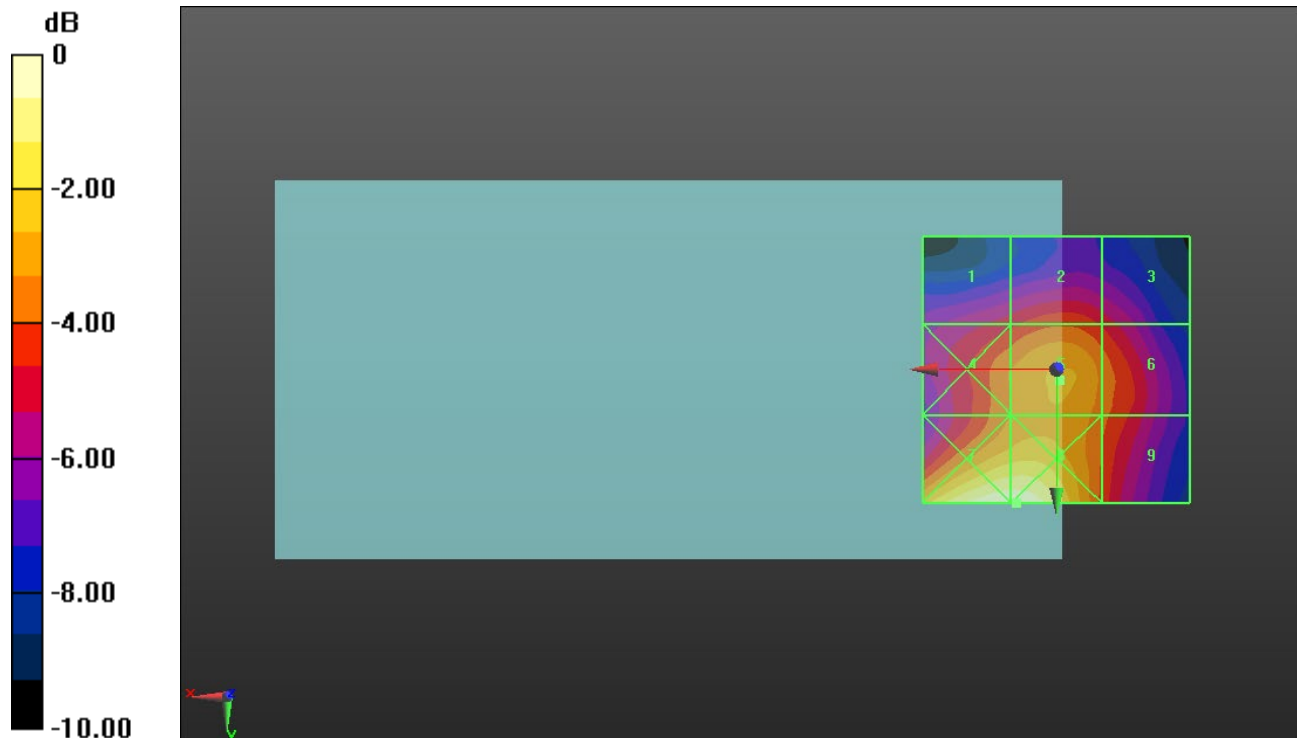
Applied MIF = -1.44 dB

RF audio interference level = 26.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.7 dBV/m	Grid 2 M4 25.46 dBV/m	Grid 3 M4 24.74 dBV/m
Grid 4 M4 26.29 dBV/m	Grid 5 M4 26.99 dBV/m	Grid 6 M4 26.06 dBV/m
Grid 7 M4 29.53 dBV/m	Grid 8 M4 29.54 dBV/m	Grid 9 M4 25.81 dBV/m



0 dB = 29.99 V/m = 29.54 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 = 40.47 V/m; Power Drift = 0.07 dB

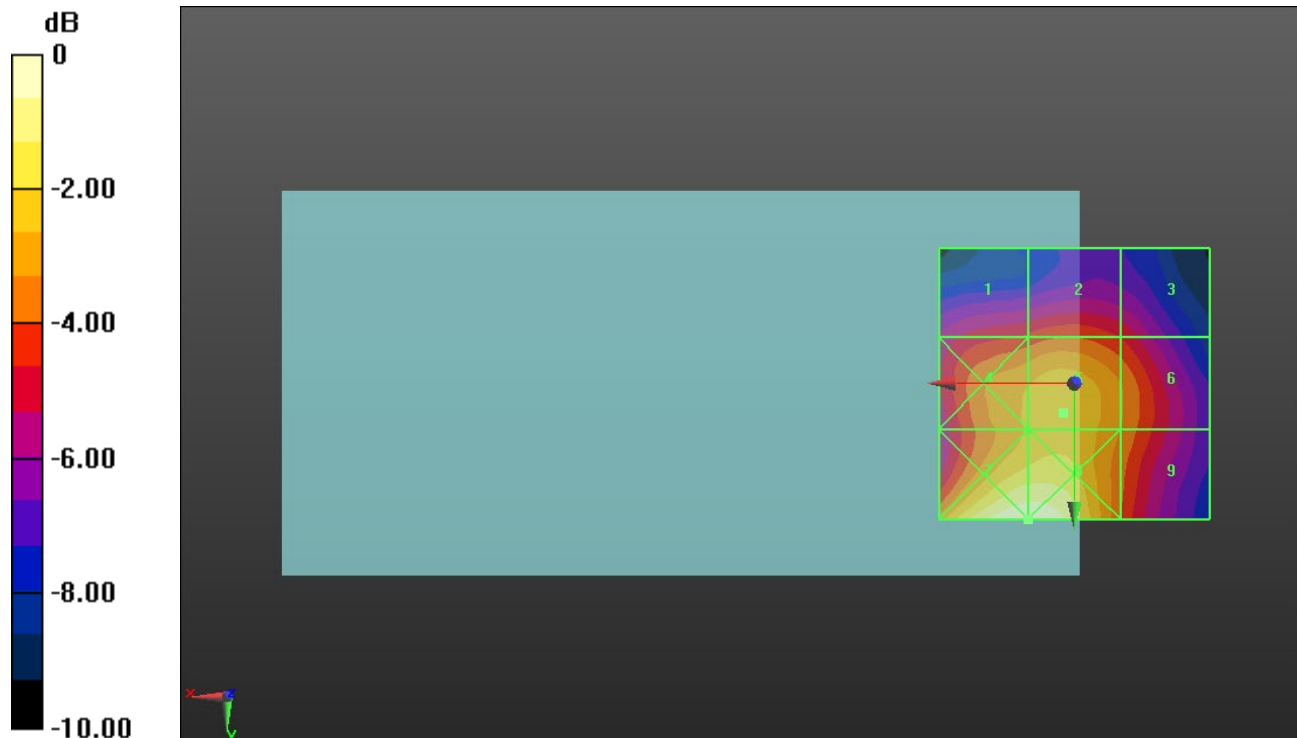
Applied MIF = -1.44 dB

RF audio interference level = 28.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.82 dBV/m	Grid 2 M4 26.28 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 27.74 dBV/m	Grid 5 M4 28.15 dBV/m	Grid 6 M4 27.05 dBV/m
Grid 7 M3 30.26 dBV/m	Grid 8 M3 30.26 dBV/m	Grid 9 M4 26.91 dBV/m



0 dB = 32.59 V/m = 30.26 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 = 34.46 V/m; Power Drift = 0.11 dB

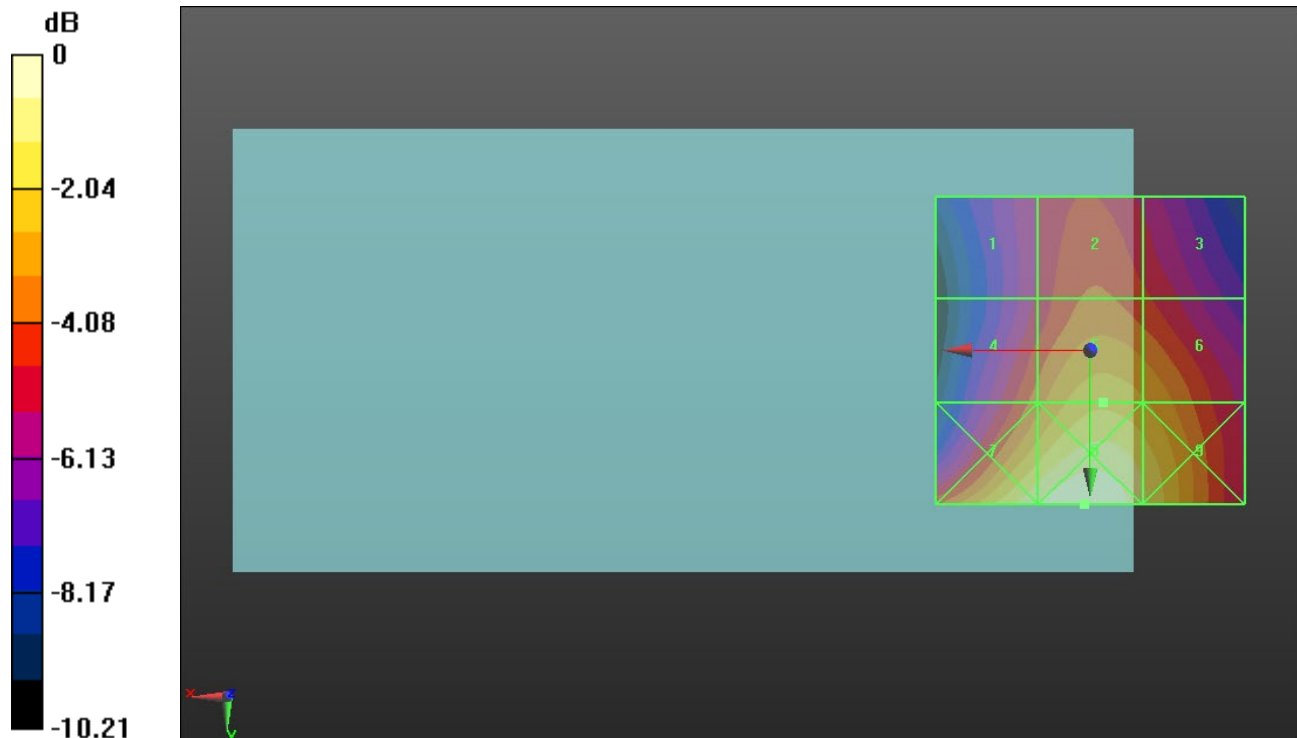
Applied MIF = -2.02 dB

RF audio interference level = 27.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.94 dBV/m	Grid 2 M4 25.26 dBV/m	Grid 3 M4 24.65 dBV/m
Grid 4 M4 25.57 dBV/m	Grid 5 M4 27.03 dBV/m	Grid 6 M4 26.61 dBV/m
Grid 7 M4 28.56 dBV/m	Grid 8 M4 29.21 dBV/m	Grid 9 M4 28.04 dBV/m



0 dB = 28.86 V/m = 29.21 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 = 30.70 V/m; Power Drift = -0.03 dB

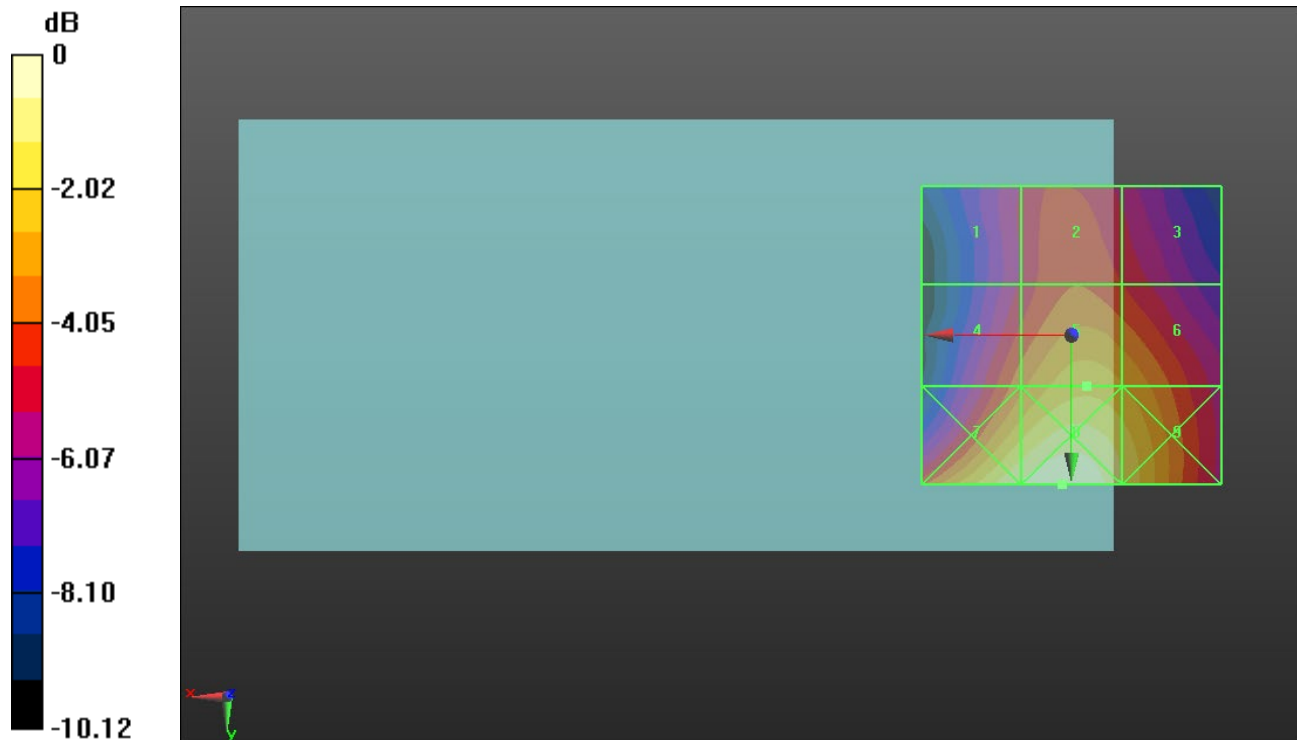
Applied MIF = -2.02 dB

RF audio interference level = 25.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.86 dBV/m	Grid 2 M4 24.06 dBV/m	Grid 3 M4 23.41 dBV/m
Grid 4 M4 24.53 dBV/m	Grid 5 M4 25.89 dBV/m	Grid 6 M4 25.47 dBV/m
Grid 7 M4 27.54 dBV/m	Grid 8 M4 28.1 dBV/m	Grid 9 M4 26.79 dBV/m



0 dB = 25.42 V/m = 28.10 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 = 29.62 V/m; Power Drift = -0.15 dB

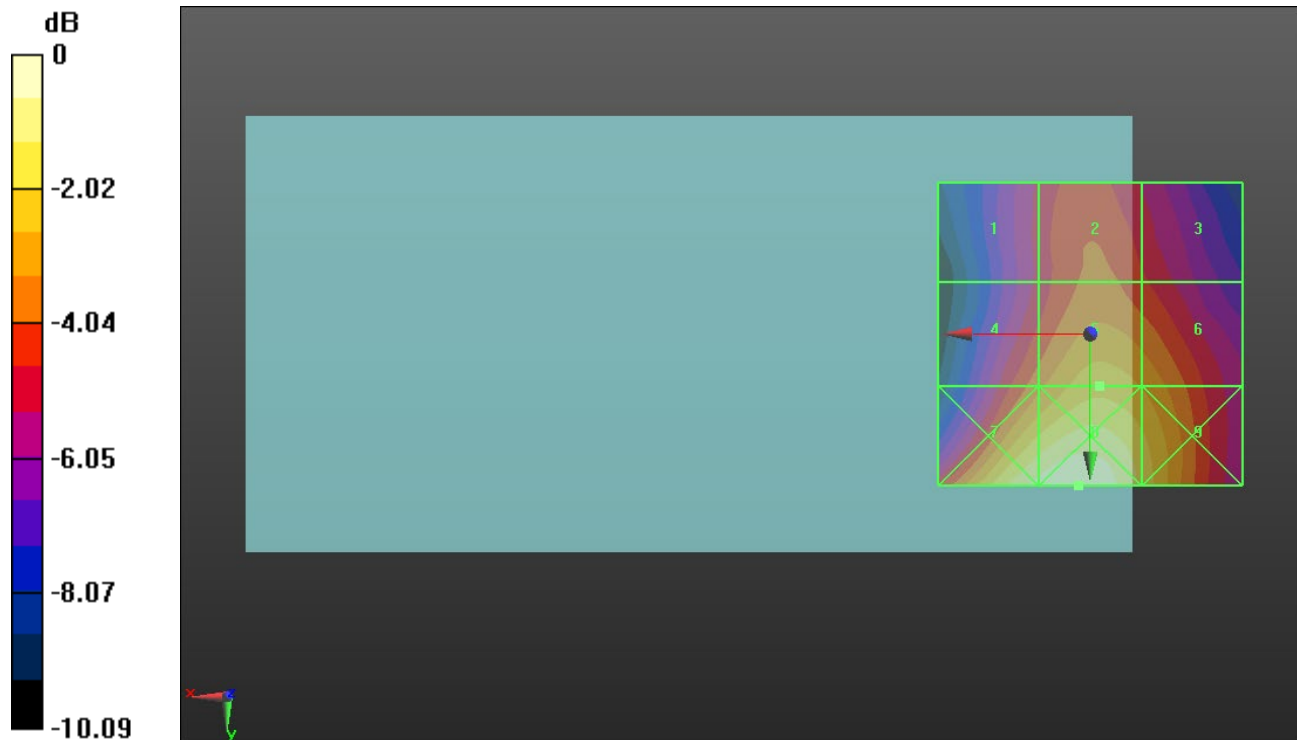
Applied MIF = -2.02 dB

RF audio interference level = 25.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.69 dBV/m	Grid 2 M4 23.95 dBV/m	Grid 3 M4 23.28 dBV/m
Grid 4 M4 24.25 dBV/m	Grid 5 M4 25.55 dBV/m	Grid 6 M4 25.07 dBV/m
Grid 7 M4 27.4 dBV/m	Grid 8 M4 27.8 dBV/m	Grid 9 M4 26.27 dBV/m



0 dB = 24.55 V/m = 27.80 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 = 29.77 V/m; Power Drift = -0.06 dB

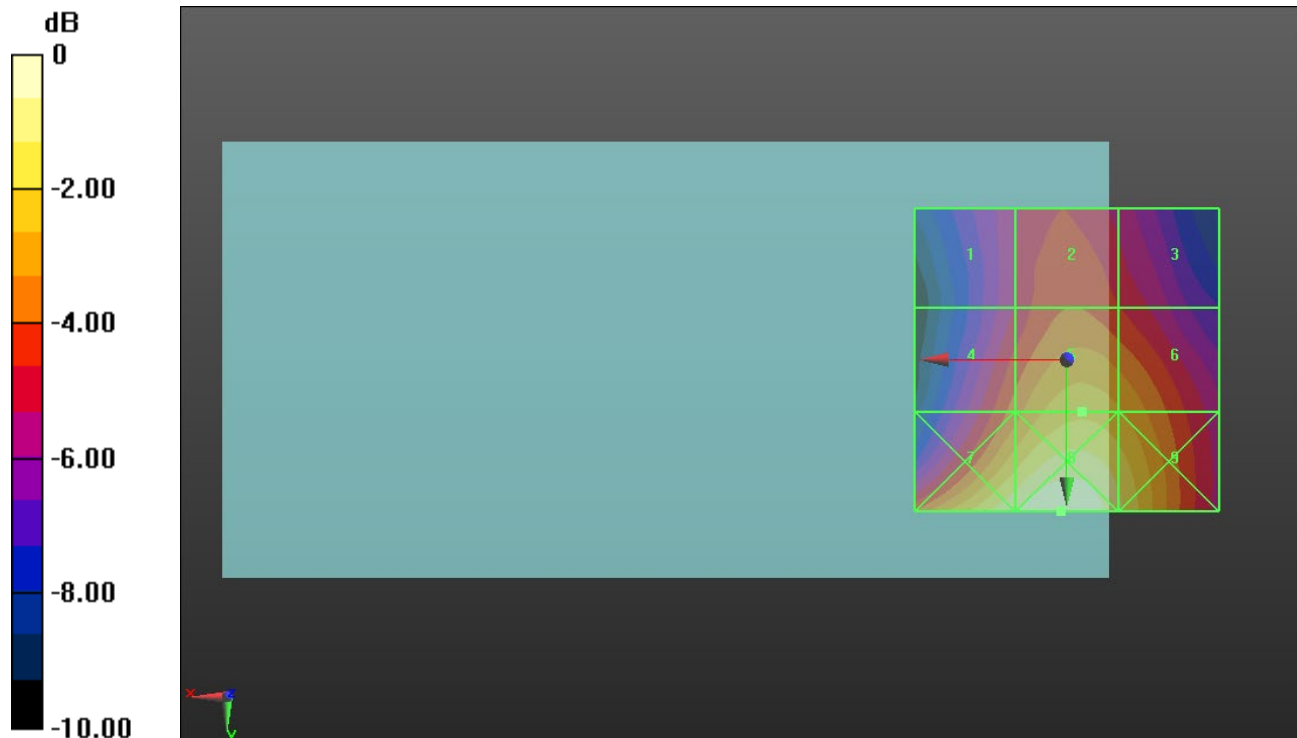
Applied MIF = 0.12 dB

RF audio interference level = 27.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.64 dBV/m	Grid 2 M4 25.88 dBV/m	Grid 3 M4 25.26 dBV/m
Grid 4 M4 26.23 dBV/m	Grid 5 M4 27.7 dBV/m	Grid 6 M4 27.29 dBV/m
Grid 7 M4 29.25 dBV/m	Grid 8 M4 29.85 dBV/m	Grid 9 M4 28.69 dBV/m



0 dB = 31.08 V/m = 29.85 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 = 28.13 V/m; Power Drift = -0.02 dB

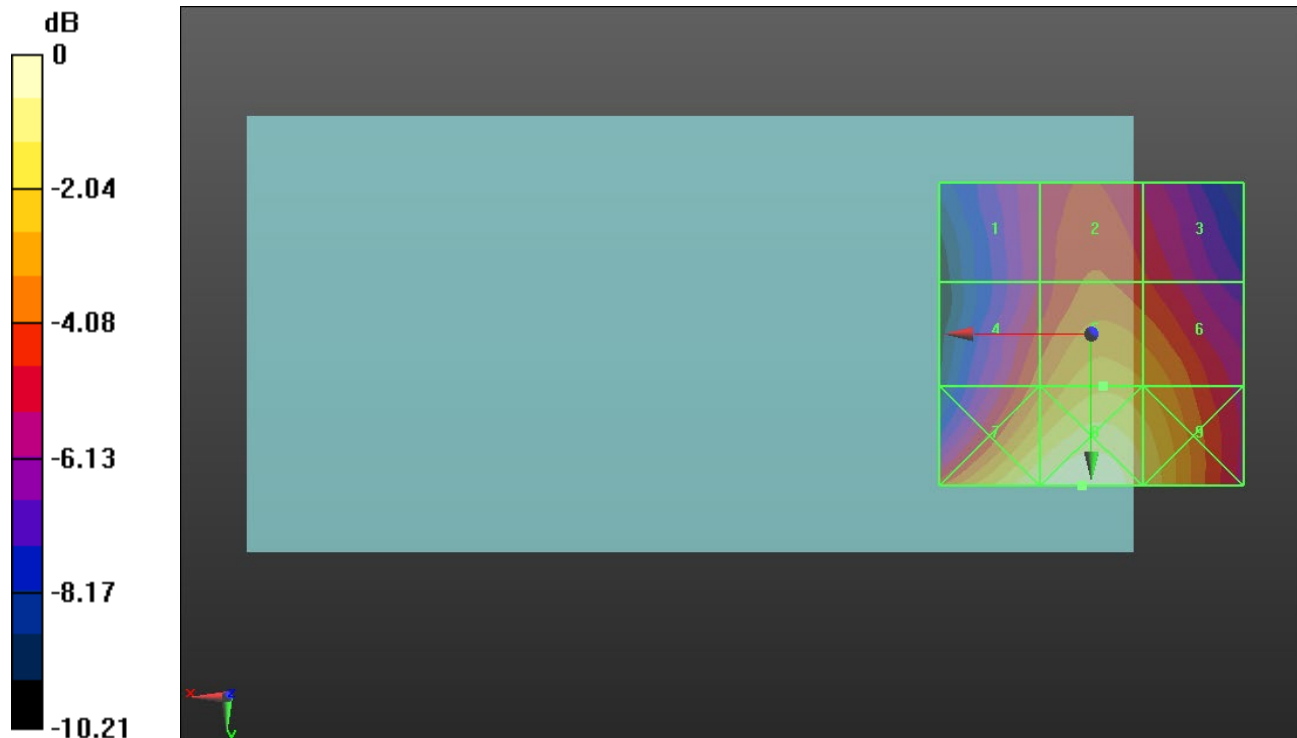
Applied MIF = 0.12 dB

RF audio interference level = 27.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.16 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 24.88 dBV/m
Grid 4 M4 25.83 dBV/m	Grid 5 M4 27.28 dBV/m	Grid 6 M4 26.82 dBV/m
Grid 7 M4 28.92 dBV/m	Grid 8 M4 29.46 dBV/m	Grid 9 M4 28.19 dBV/m



0 dB = 29.71 V/m = 29.46 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 = 30.75 V/m; Power Drift = -0.08 dB

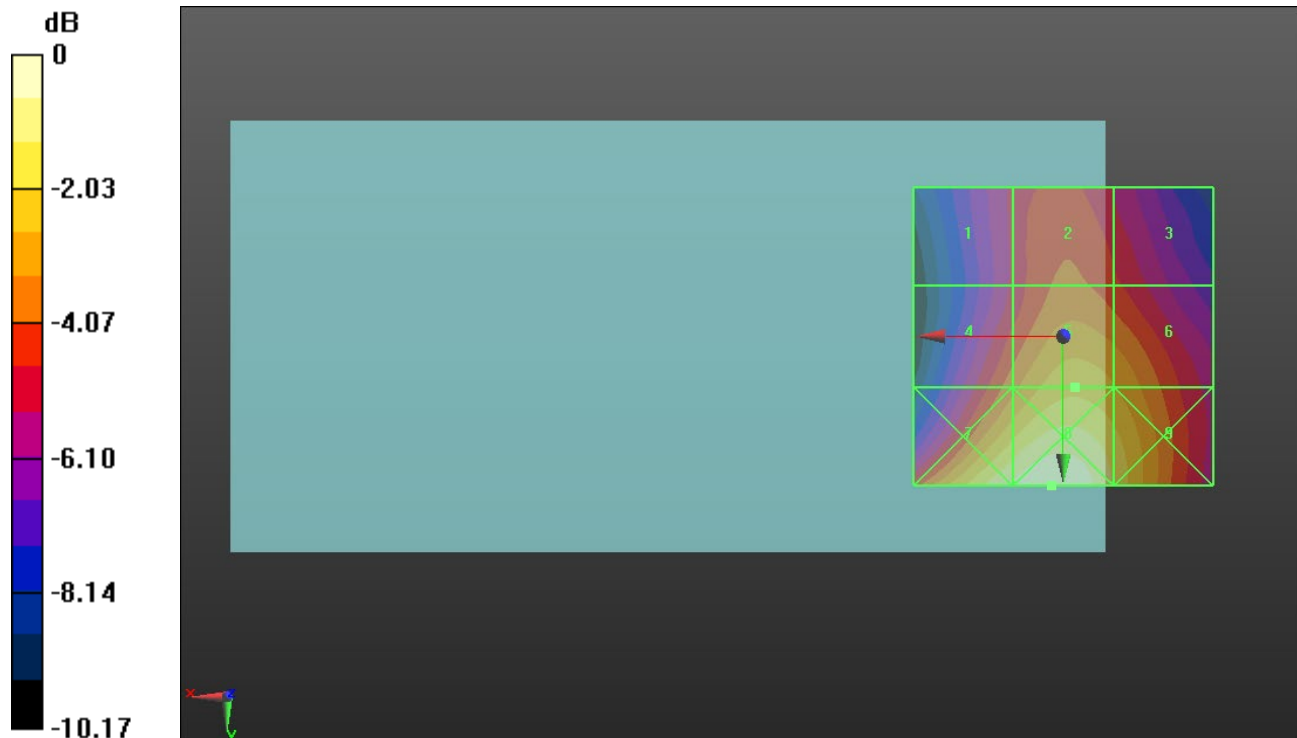
Applied MIF = 0.12 dB

RF audio interference level = 28.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.04 dBV/m	Grid 2 M4 26.39 dBV/m	Grid 3 M4 25.74 dBV/m
Grid 4 M4 26.66 dBV/m	Grid 5 M4 28.06 dBV/m	Grid 6 M4 27.61 dBV/m
Grid 7 M4 29.78 dBV/m	Grid 8 M3 30.27 dBV/m	Grid 9 M4 28.82 dBV/m



0 dB = 32.62 V/m = 30.27 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.347 V/m; Power Drift = 0.03 dB

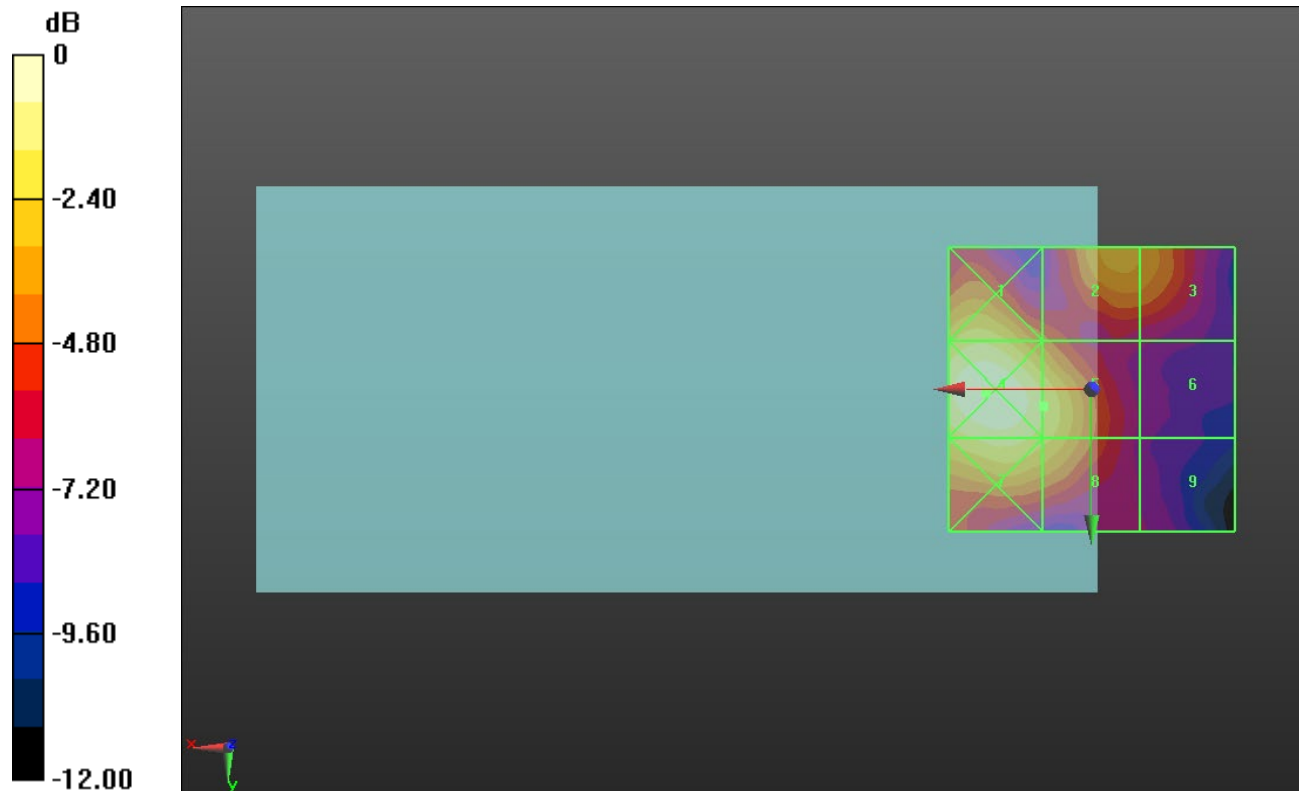
Applied MIF = -3.15 dB

RF audio interference level = 17.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.16 dBV/m	Grid 2 M4 16.06 dBV/m	Grid 3 M4 15.67 dBV/m
Grid 4 M4 18.86 dBV/m	Grid 5 M4 17.41 dBV/m	Grid 6 M4 11.96 dBV/m
Grid 7 M4 17.7 dBV/m	Grid 8 M4 16.81 dBV/m	Grid 9 M4 11.93 dBV/m



0 dB = 8.769 V/m = 18.86 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 = 8.551 V/m; Power Drift = 0.14 dB

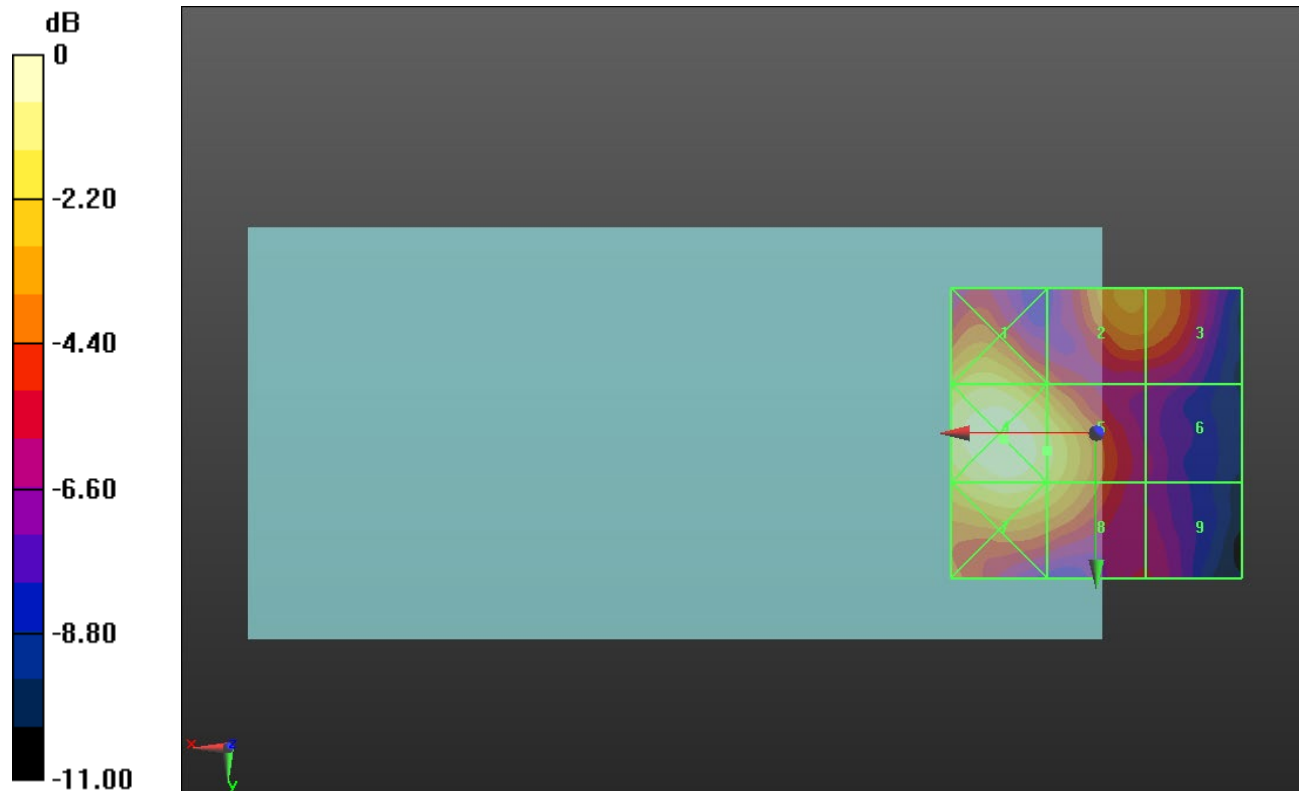
Applied MIF = -3.15 dB

RF audio interference level = 17.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.19 dBV/m	Grid 2 M4 16.05 dBV/m	Grid 3 M4 15.81 dBV/m
Grid 4 M4 18.78 dBV/m	Grid 5 M4 17.62 dBV/m	Grid 6 M4 12.47 dBV/m
Grid 7 M4 17.84 dBV/m	Grid 8 M4 17.03 dBV/m	Grid 9 M4 13.08 dBV/m



0 dB = 8.690 V/m = 18.78 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 = 9.809 V/m; Power Drift = -0.05 dB

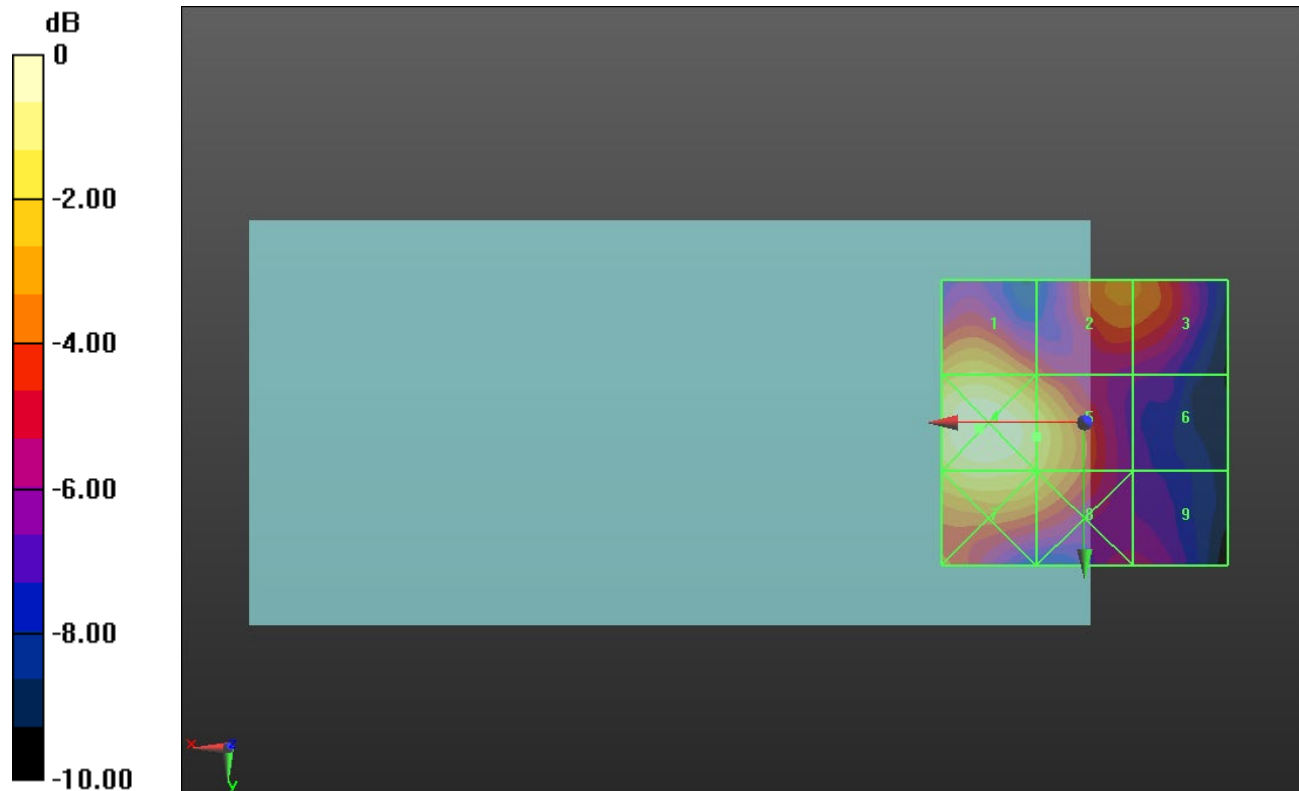
Applied MIF = -3.15 dB

RF audio interference level = 17.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.21 dBV/m	Grid 2 M4 15.96 dBV/m	Grid 3 M4 15.88 dBV/m
Grid 4 M4 19.04 dBV/m	Grid 5 M4 17.83 dBV/m	Grid 6 M4 12.75 dBV/m
Grid 7 M4 18.04 dBV/m	Grid 8 M4 17.26 dBV/m	Grid 9 M4 13.38 dBV/m



0 dB = 8.954 V/m = 19.04 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 = 9.396 V/m; Power Drift = -0.09 dB

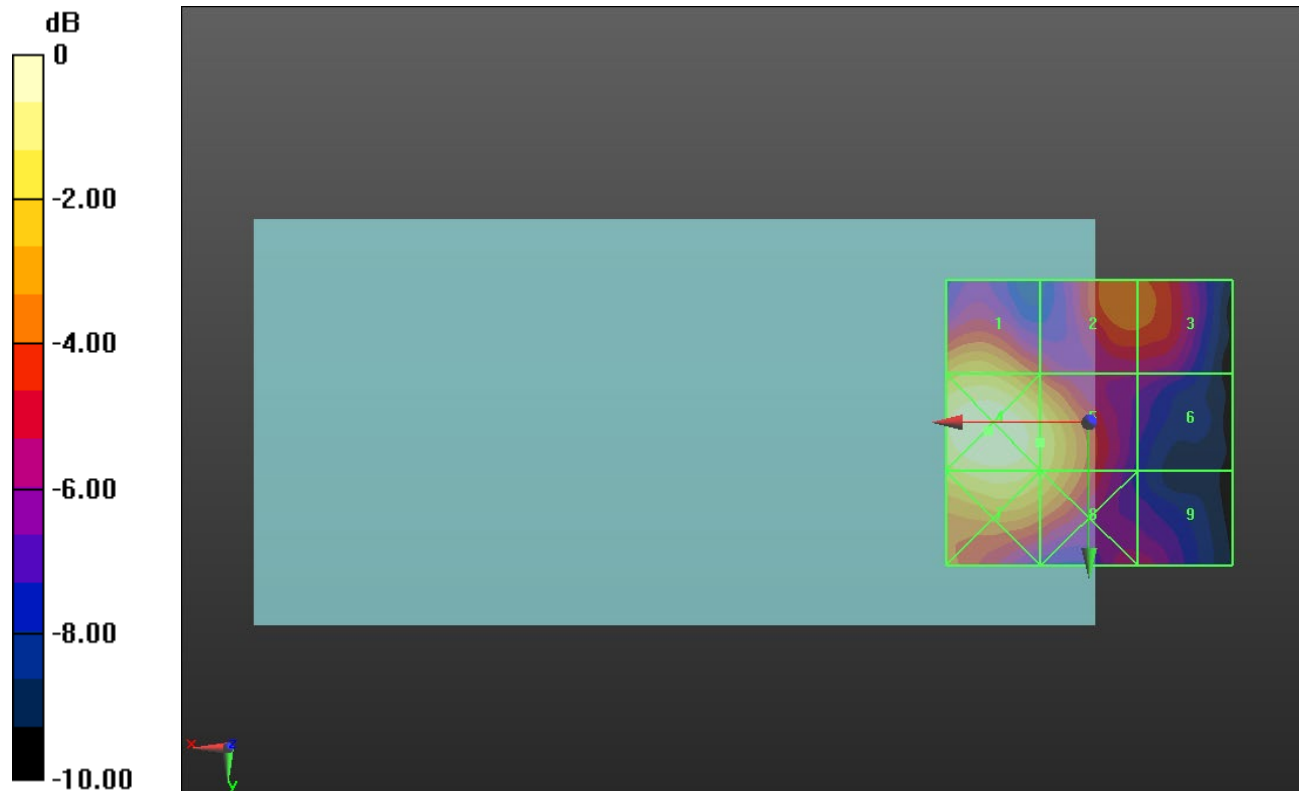
Applied MIF = -3.15 dB

RF audio interference level = 17.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.16 dBV/m	Grid 2 M4 15.63 dBV/m	Grid 3 M4 15.47 dBV/m
Grid 4 M4 18.98 dBV/m	Grid 5 M4 17.77 dBV/m	Grid 6 M4 13.08 dBV/m
Grid 7 M4 18.16 dBV/m	Grid 8 M4 17.34 dBV/m	Grid 9 M4 13.45 dBV/m



0 dB = 8.890 V/m = 18.98 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 56/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.225 V/m; Power Drift = -0.17 dB

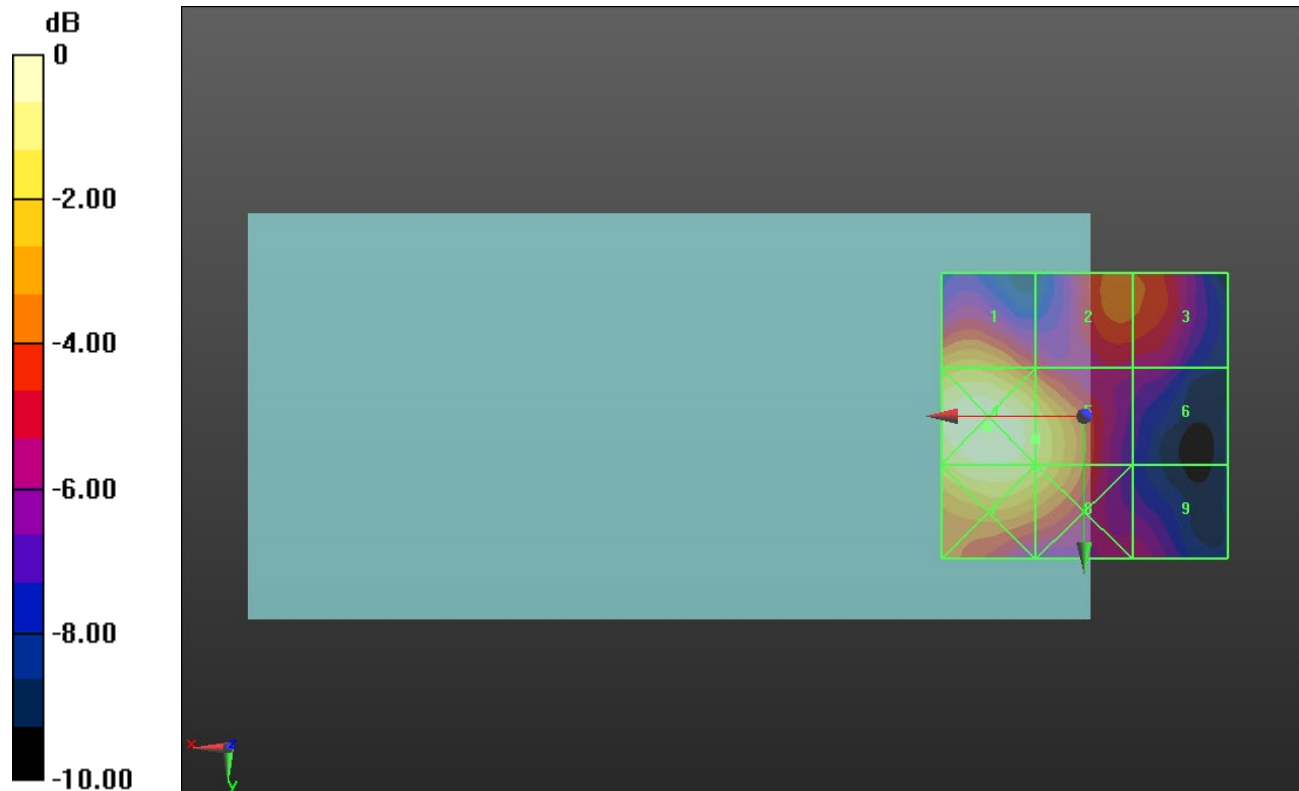
Applied MIF = -3.15 dB

RF audio interference level = 17.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.91 dBV/m	Grid 2 M4 15.51 dBV/m	Grid 3 M4 15.3 dBV/m
Grid 4 M4 19 dBV/m	Grid 5 M4 17.89 dBV/m	Grid 6 M4 13.37 dBV/m
Grid 7 M4 18.39 dBV/m	Grid 8 M4 17.58 dBV/m	Grid 9 M4 13.55 dBV/m



0 dB = 8.917 V/m = 19.00 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.485 V/m; Power Drift = 0.02 dB

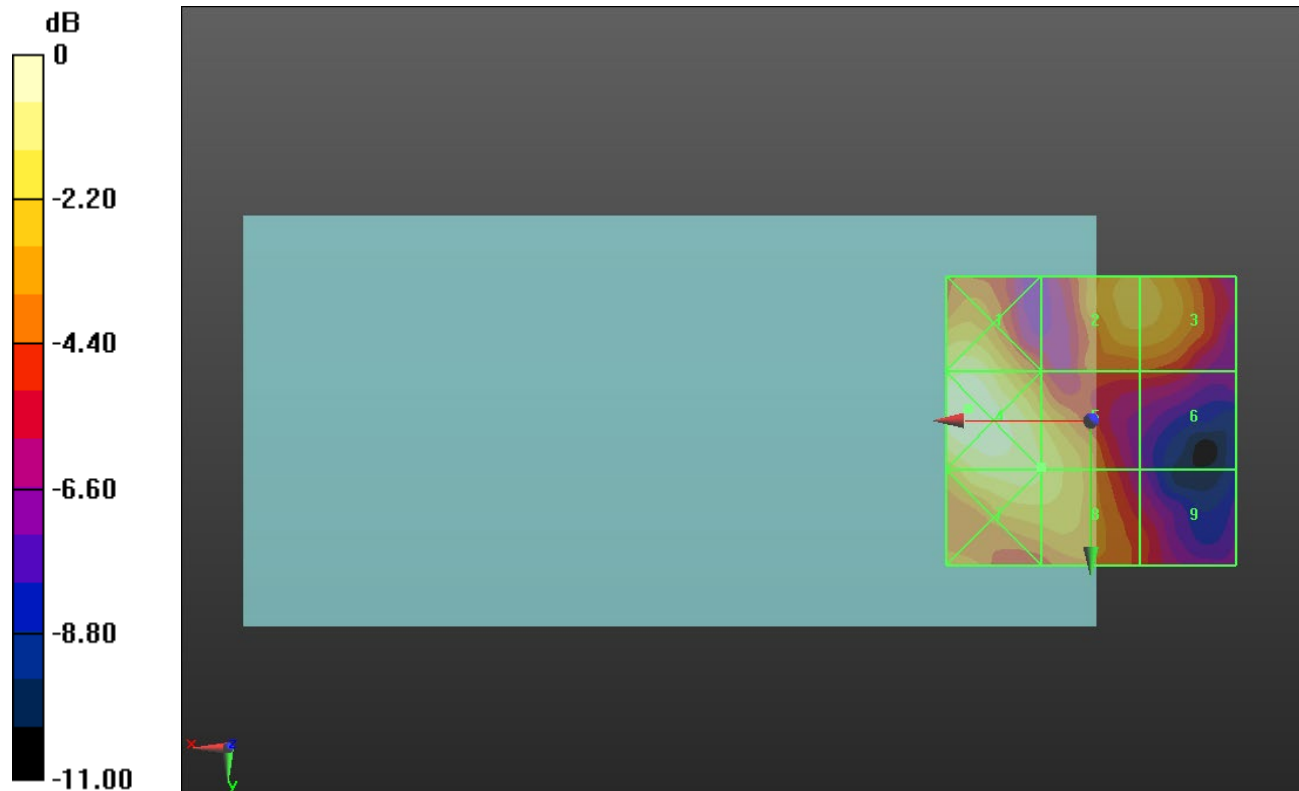
Applied MIF = -3.15 dB

RF audio interference level = 14.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.17 dBV/m	Grid 2 M4 14.11 dBV/m	Grid 3 M4 14.05 dBV/m
Grid 4 M4 15.97 dBV/m	Grid 5 M4 14.54 dBV/m	Grid 6 M4 11.49 dBV/m
Grid 7 M4 14.92 dBV/m	Grid 8 M4 14.54 dBV/m	Grid 9 M4 11.29 dBV/m



0 dB = 6.291 V/m = 15.97 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 104/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.475 V/m; Power Drift = 0.14 dB

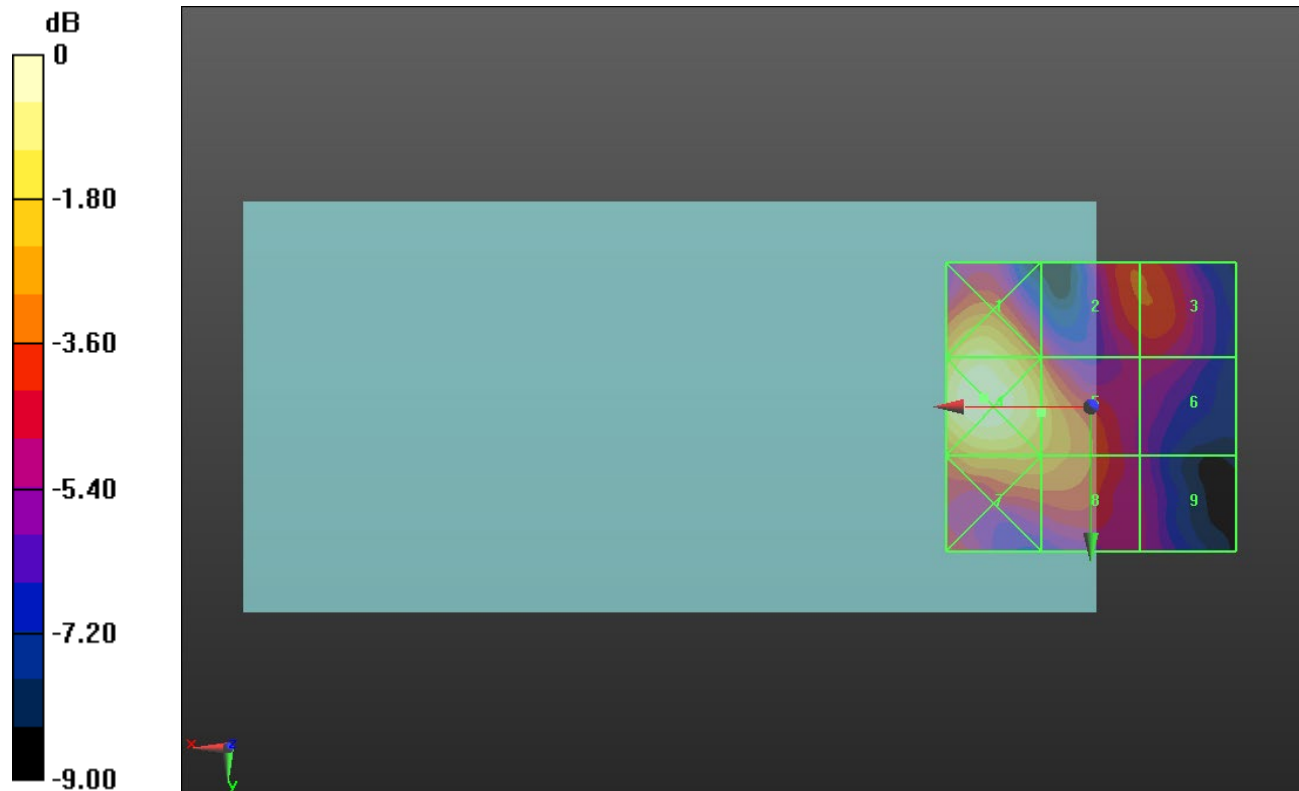
Applied MIF = -3.15 dB

RF audio interference level = 16.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.33 dBV/m	Grid 2 M4 14.64 dBV/m	Grid 3 M4 14.63 dBV/m
Grid 4 M4 18.16 dBV/m	Grid 5 M4 16.38 dBV/m	Grid 6 M4 13.46 dBV/m
Grid 7 M4 15.98 dBV/m	Grid 8 M4 15.7 dBV/m	Grid 9 M4 12.98 dBV/m



0 dB = 8.092 V/m = 18.16 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 = 10.13 V/m; Power Drift = -0.19 dB

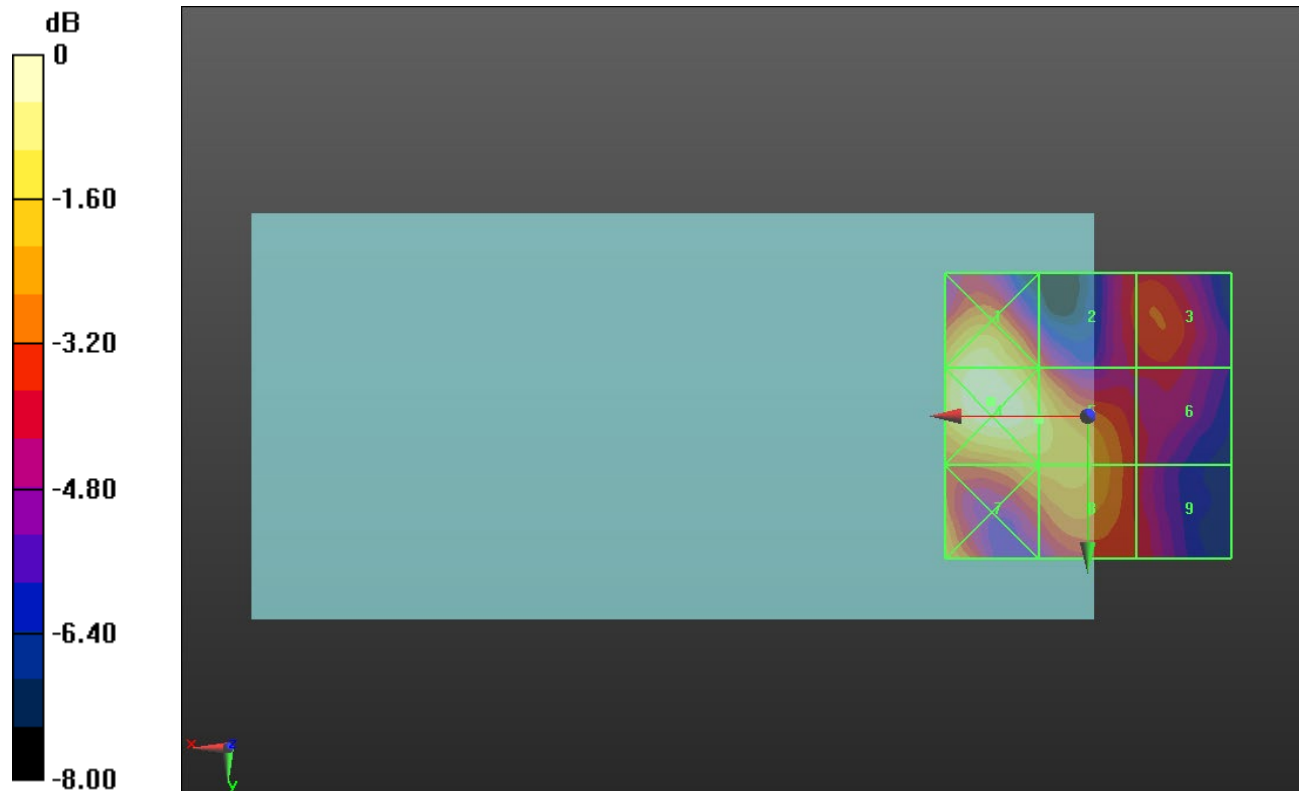
Applied MIF = -3.15 dB

RF audio interference level = 16.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.38 dBV/m	Grid 2 M4 14.87 dBV/m	Grid 3 M4 14.64 dBV/m
Grid 4 M4 17.79 dBV/m	Grid 5 M4 16.76 dBV/m	Grid 6 M4 13.96 dBV/m
Grid 7 M4 16.11 dBV/m	Grid 8 M4 15.96 dBV/m	Grid 9 M4 14.08 dBV/m



0 dB = 7.755 V/m = 17.79 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 = 7.807 V/m; Power Drift = 0.05 dB

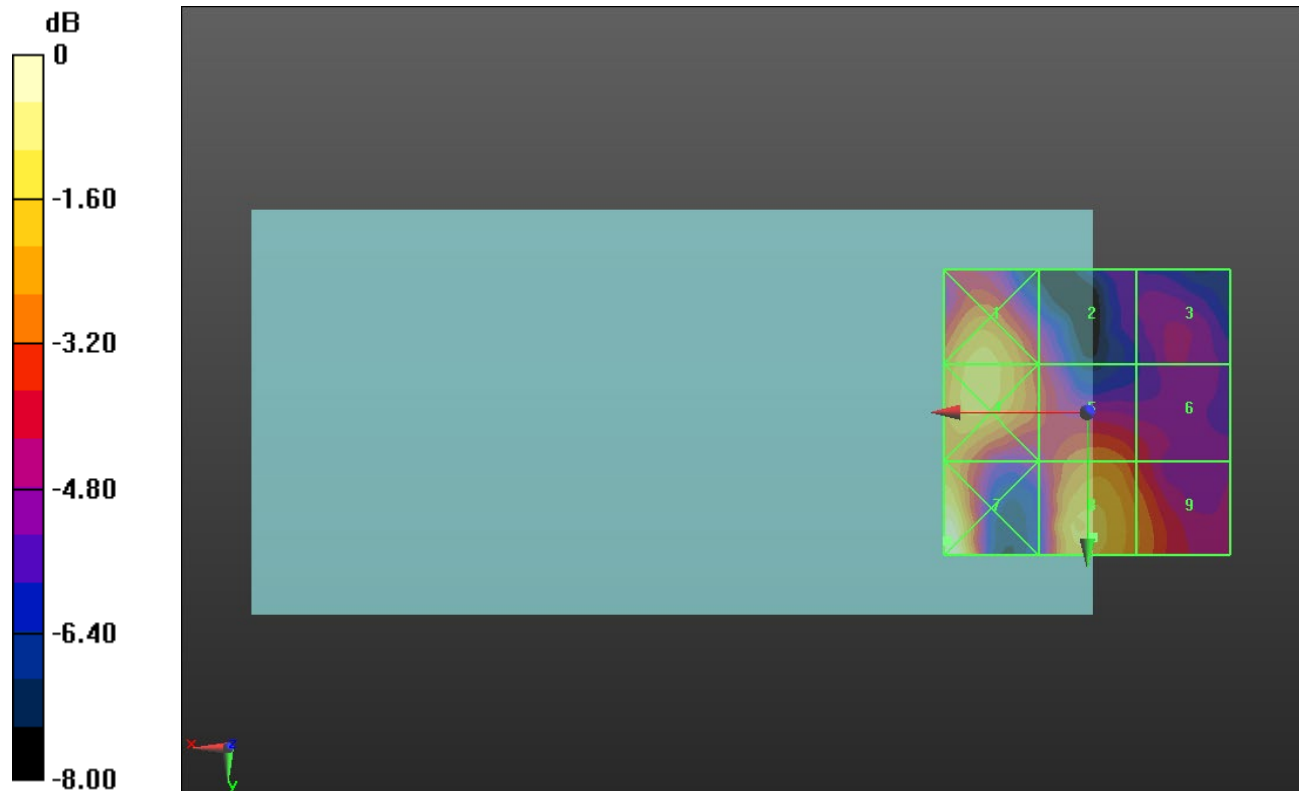
Applied MIF = -3.15 dB

RF audio interference level = 15.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.84 dBV/m	Grid 2 M4 13.38 dBV/m	Grid 3 M4 12.54 dBV/m
Grid 4 M4 15.89 dBV/m	Grid 5 M4 14.49 dBV/m	Grid 6 M4 13.43 dBV/m
Grid 7 M4 17.11 dBV/m	Grid 8 M4 15.76 dBV/m	Grid 9 M4 14.6 dBV/m



0 dB = 7.166 V/m = 17.11 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.083 V/m; Power Drift = -0.01 dB

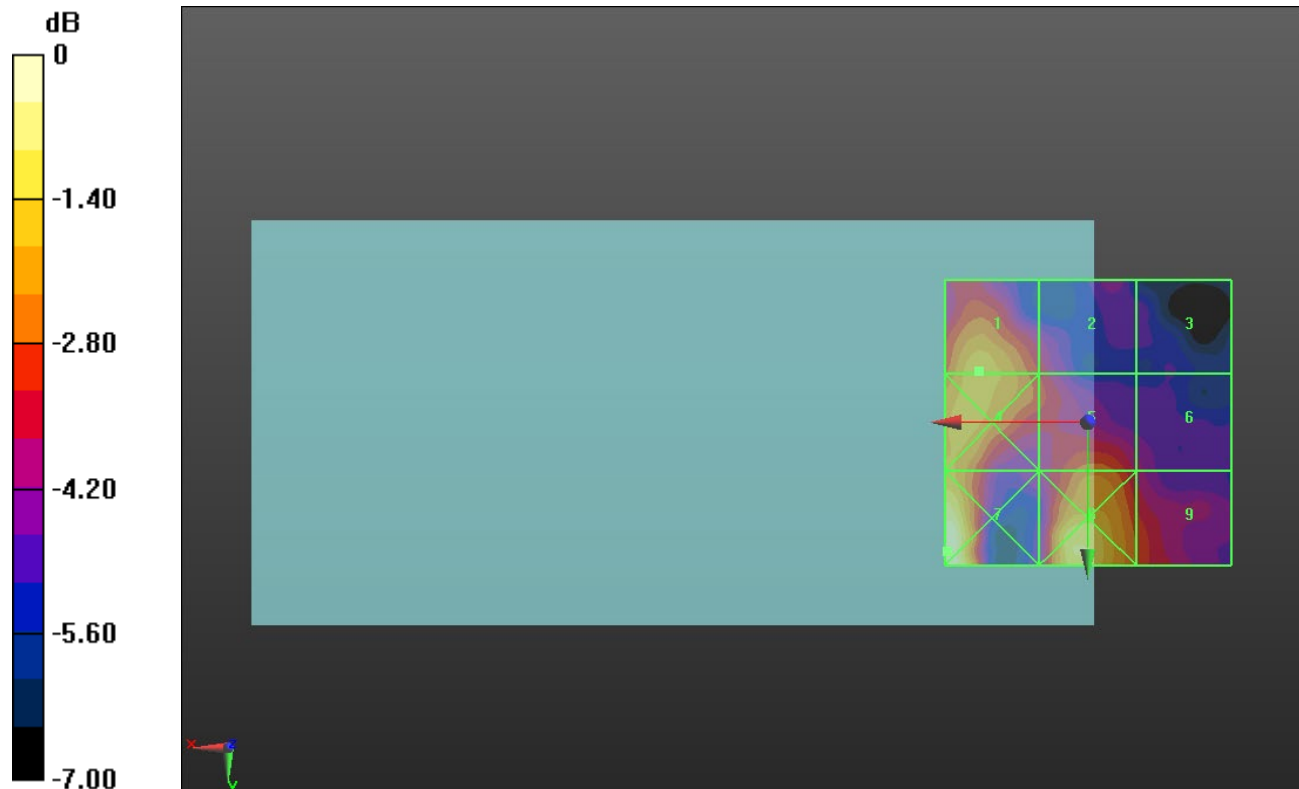
Applied MIF = -3.15 dB

RF audio interference level = 15.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.93 dBV/m	Grid 2 M4 14.14 dBV/m	Grid 3 M4 12.6 dBV/m
Grid 4 M4 15.92 dBV/m	Grid 5 M4 14.95 dBV/m	Grid 6 M4 13.52 dBV/m
Grid 7 M4 17.4 dBV/m	Grid 8 M4 16.53 dBV/m	Grid 9 M4 14.58 dBV/m



0 dB = 7.415 V/m = 17.40 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.069 V/m; Power Drift = -0.04 dB

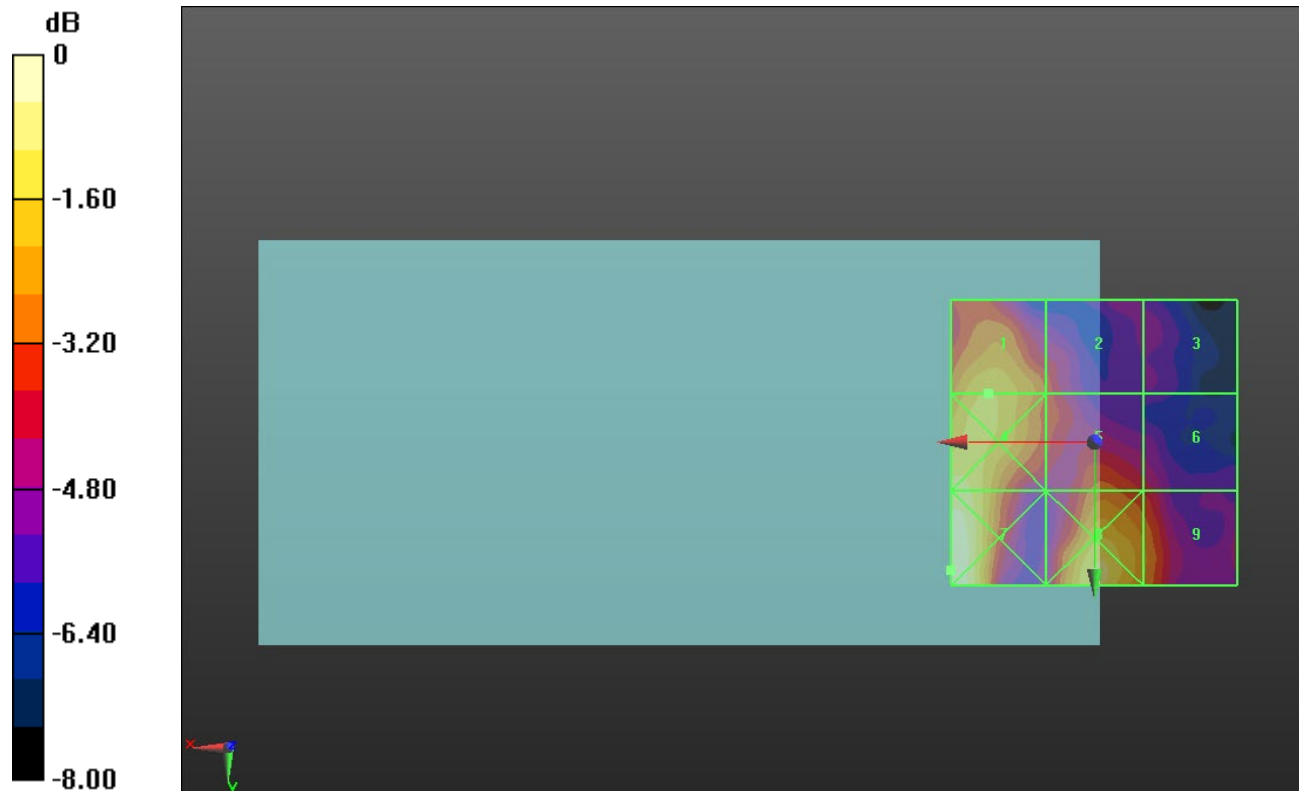
Applied MIF = -3.15 dB

RF audio interference level = 15.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.41 dBV/m	Grid 2 M4 13.71 dBV/m	Grid 3 M4 11.91 dBV/m
Grid 4 M4 16.14 dBV/m	Grid 5 M4 14.04 dBV/m	Grid 6 M4 13.16 dBV/m
Grid 7 M4 16.95 dBV/m	Grid 8 M4 16.02 dBV/m	Grid 9 M4 14.47 dBV/m



0 dB = 7.041 V/m = 16.95 dBV/m

HAC-RF Emission ANT5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 165/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.196 V/m; Power Drift = -0.17 dB

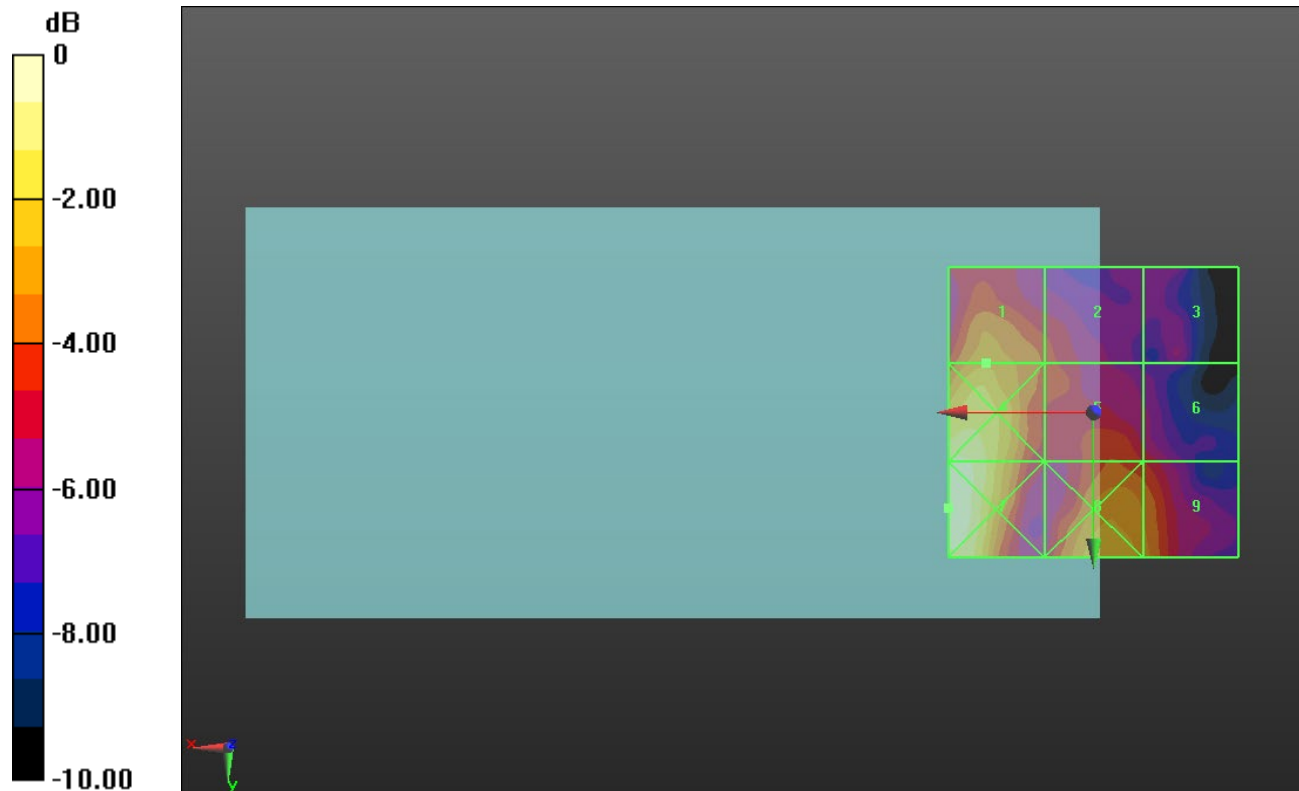
Applied MIF = -3.15 dB

RF audio interference level = 14.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.63 dBV/m	Grid 2 M4 13.28 dBV/m	Grid 3 M4 11.5 dBV/m
Grid 4 M4 16.85 dBV/m	Grid 5 M4 13.44 dBV/m	Grid 6 M4 12.76 dBV/m
Grid 7 M4 17.38 dBV/m	Grid 8 M4 15.4 dBV/m	Grid 9 M4 14.46 dBV/m



0 dB = 7.398 V/m = 17.38 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 = 10.44 V/m; Power Drift = -0.28 dB

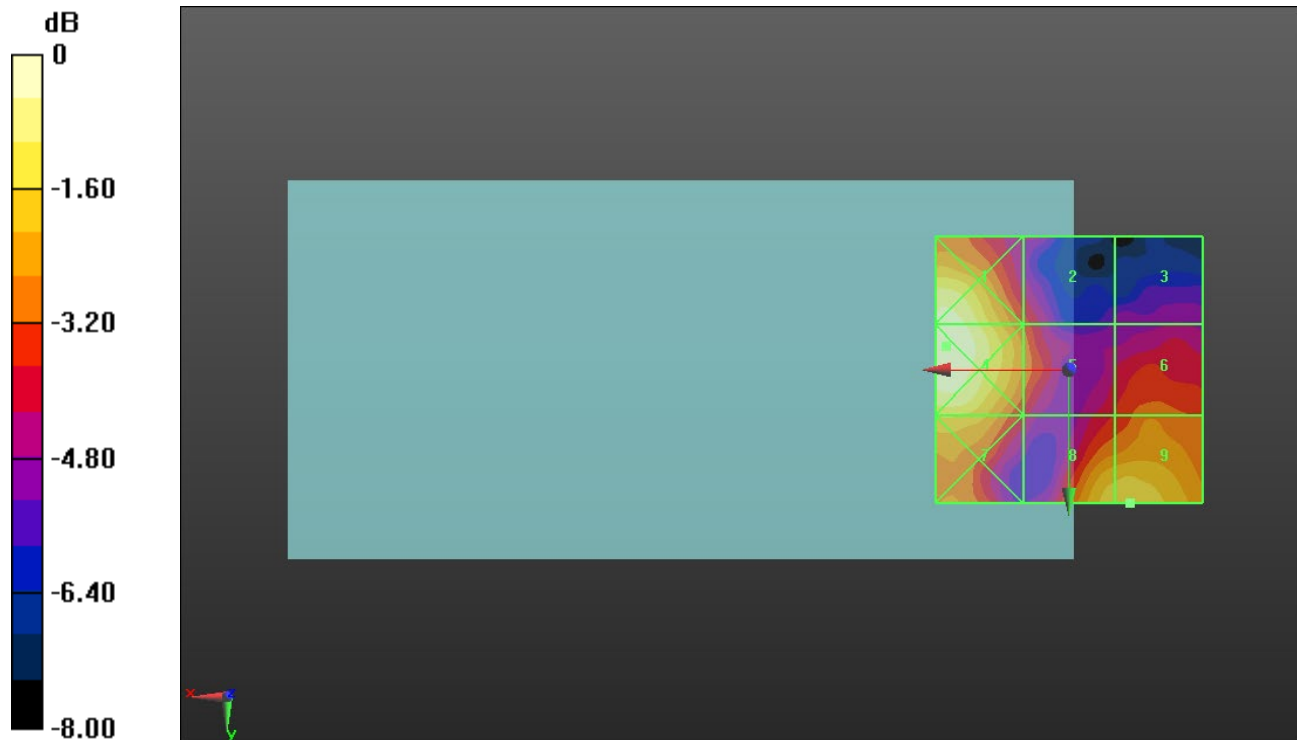
Applied MIF = -1.44 dB

RF audio interference level = 21.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.12 dBV/m	Grid 2 M4 18.99 dBV/m	Grid 3 M4 17.61 dBV/m
Grid 4 M4 22.33 dBV/m	Grid 5 M4 19.65 dBV/m	Grid 6 M4 19.57 dBV/m
Grid 7 M4 20.84 dBV/m	Grid 8 M4 21.02 dBV/m	Grid 9 M4 21.14 dBV/m



0 dB = 13.07 V/m = 22.33 dBV/m

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 9.330 V/m; Power Drift = 0.67 dB

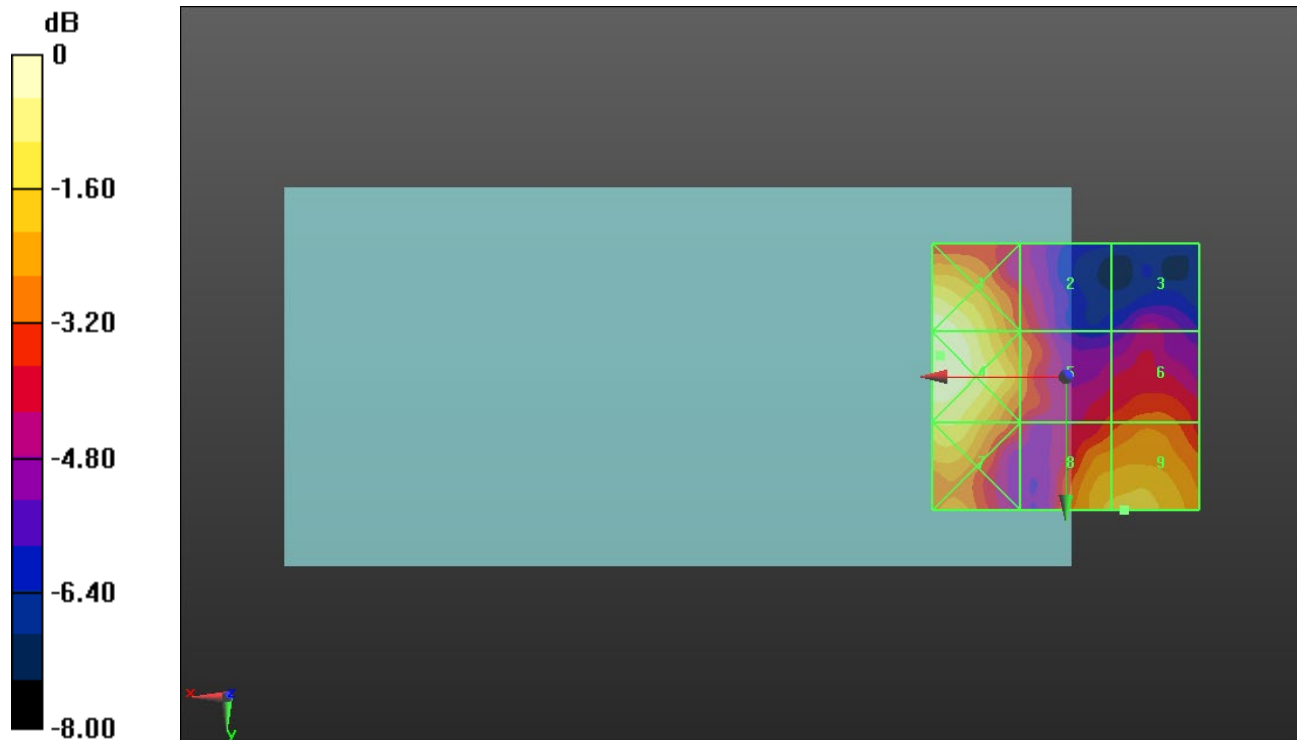
Applied MIF = -1.44 dB

RF audio interference level = 20.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.98 dBV/m	Grid 2 M4 18.89 dBV/m	Grid 3 M4 17.61 dBV/m
Grid 4 M4 22.12 dBV/m	Grid 5 M4 19.62 dBV/m	Grid 6 M4 19.28 dBV/m
Grid 7 M4 21.16 dBV/m	Grid 8 M4 20.7 dBV/m	Grid 9 M4 20.87 dBV/m



0 dB = 12.77 V/m = 22.12 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 = 10.32 V/m; Power Drift = -0.06 dB

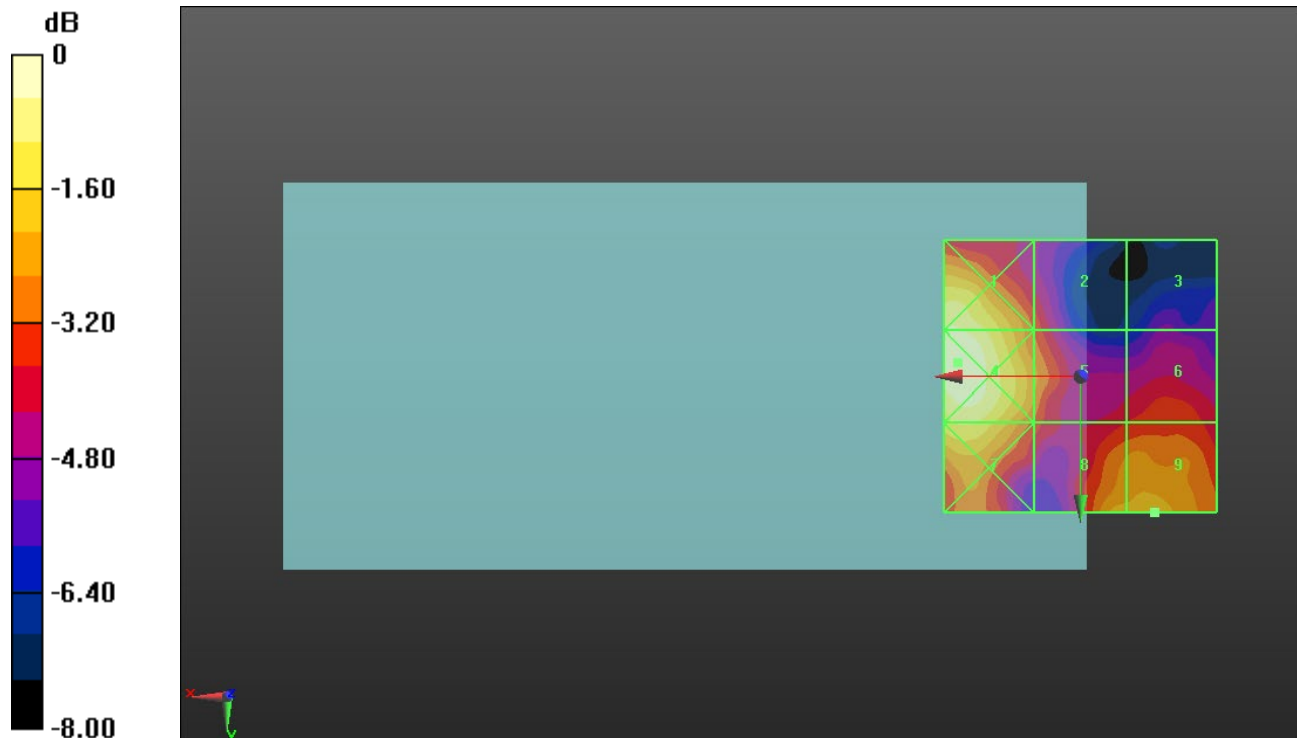
Applied MIF = -1.44 dB

RF audio interference level = 20.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.11 dBV/m	Grid 2 M4 19.3 dBV/m	Grid 3 M4 17.39 dBV/m
Grid 4 M4 22.54 dBV/m	Grid 5 M4 20.04 dBV/m	Grid 6 M4 19.18 dBV/m
Grid 7 M4 21.55 dBV/m	Grid 8 M4 20.63 dBV/m	Grid 9 M4 20.63 dBV/m



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

HAC-RF Emission ANT7

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.11 V/m; Power Drift = 0.35 dB

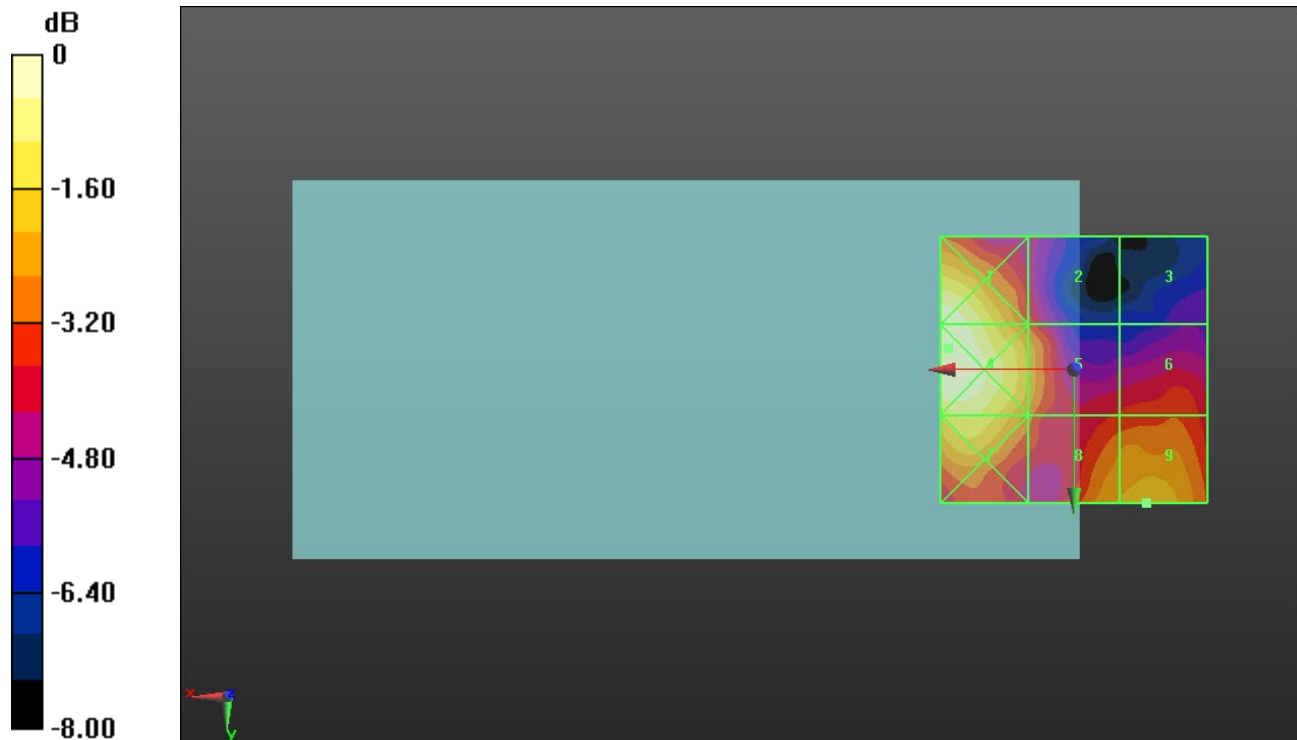
Applied MIF = -1.44 dB

RF audio interference level = 20.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.42 dBV/m	Grid 2 M4 19.17 dBV/m	Grid 3 M4 17.15 dBV/m
Grid 4 M4 22.47 dBV/m	Grid 5 M4 20.28 dBV/m	Grid 6 M4 19.25 dBV/m
Grid 7 M4 21.52 dBV/m	Grid 8 M4 20.41 dBV/m	Grid 9 M4 20.61 dBV/m



0 dB = 13.29 V/m = 22.47 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 = 62.94 V/m; Power Drift = -0.08 dB

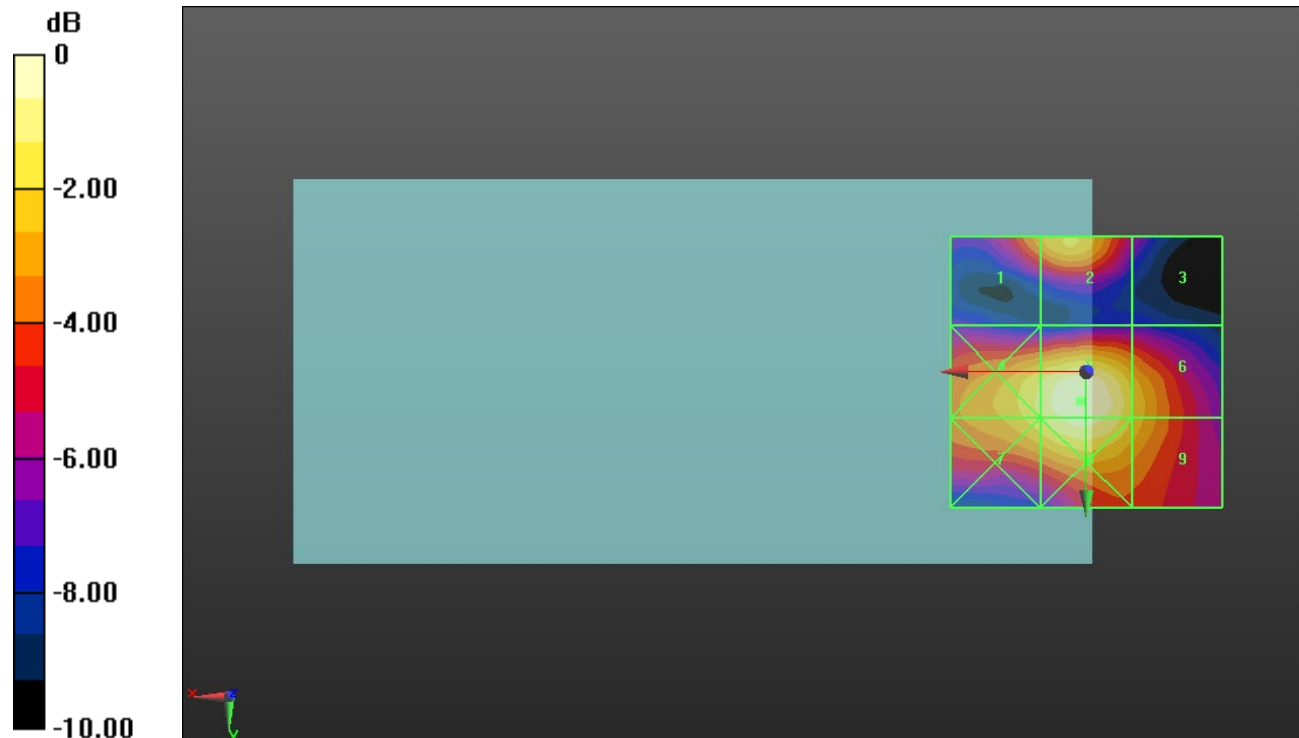
Applied MIF = -1.44 dB

RF audio interference level = 30.34 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.54 dBV/m	Grid 2 M4 28.48 dBV/m	Grid 3 M4 24.61 dBV/m
Grid 4 M4 29.21 dBV/m	Grid 5 M3 30.34 dBV/m	Grid 6 M4 28.43 dBV/m
Grid 7 M4 28.91 dBV/m	Grid 8 M3 30 dBV/m	Grid 9 M4 28.29 dBV/m



0 dB = 32.89 V/m = 30.34 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 = 63.53 V/m; Power Drift = 0.24 dB

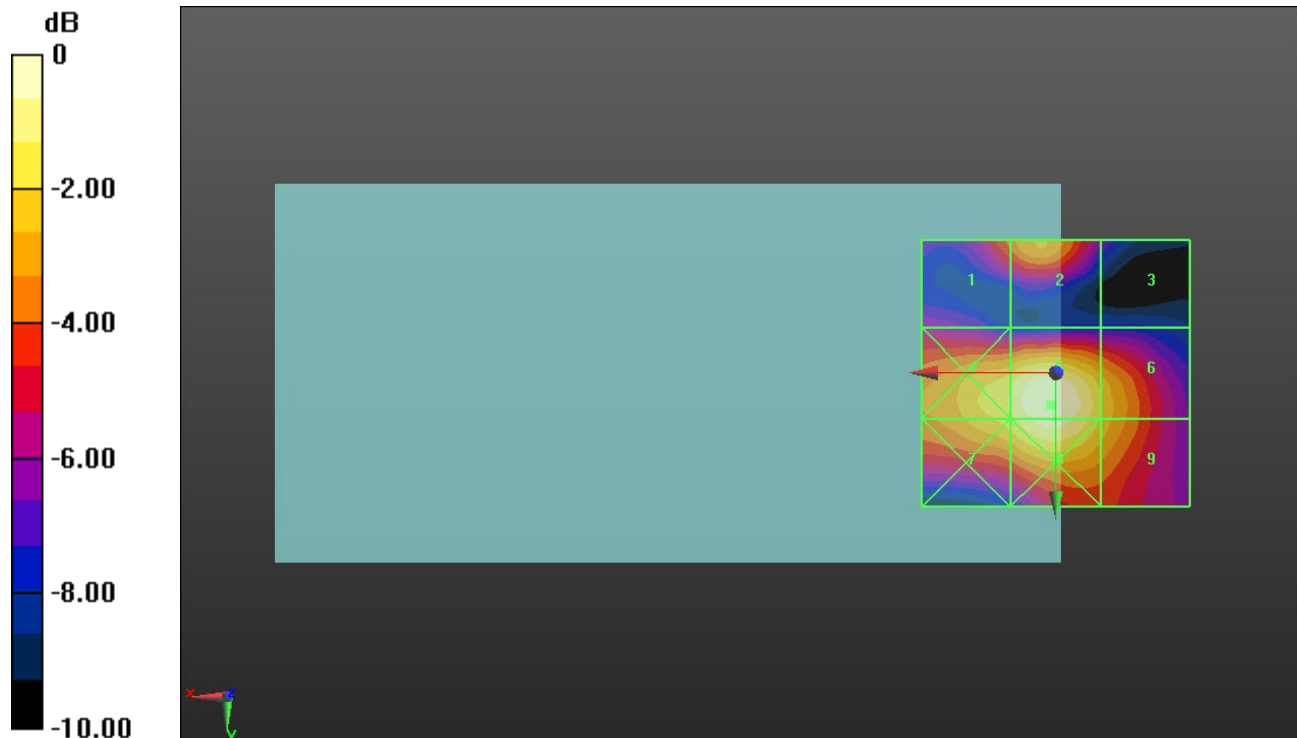
Applied MIF = -1.44 dB

RF audio interference level = 30.83 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.19 dBV/m	Grid 2 M4 28.26 dBV/m	Grid 3 M4 24.48 dBV/m
Grid 4 M4 29.61 dBV/m	Grid 5 M3 30.83 dBV/m	Grid 6 M4 28.88 dBV/m
Grid 7 M4 29.34 dBV/m	Grid 8 M3 30.53 dBV/m	Grid 9 M4 28.74 dBV/m



0 dB = 34.78 V/m = 30.83 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 = 59.96 V/m; Power Drift = 0.13 dB

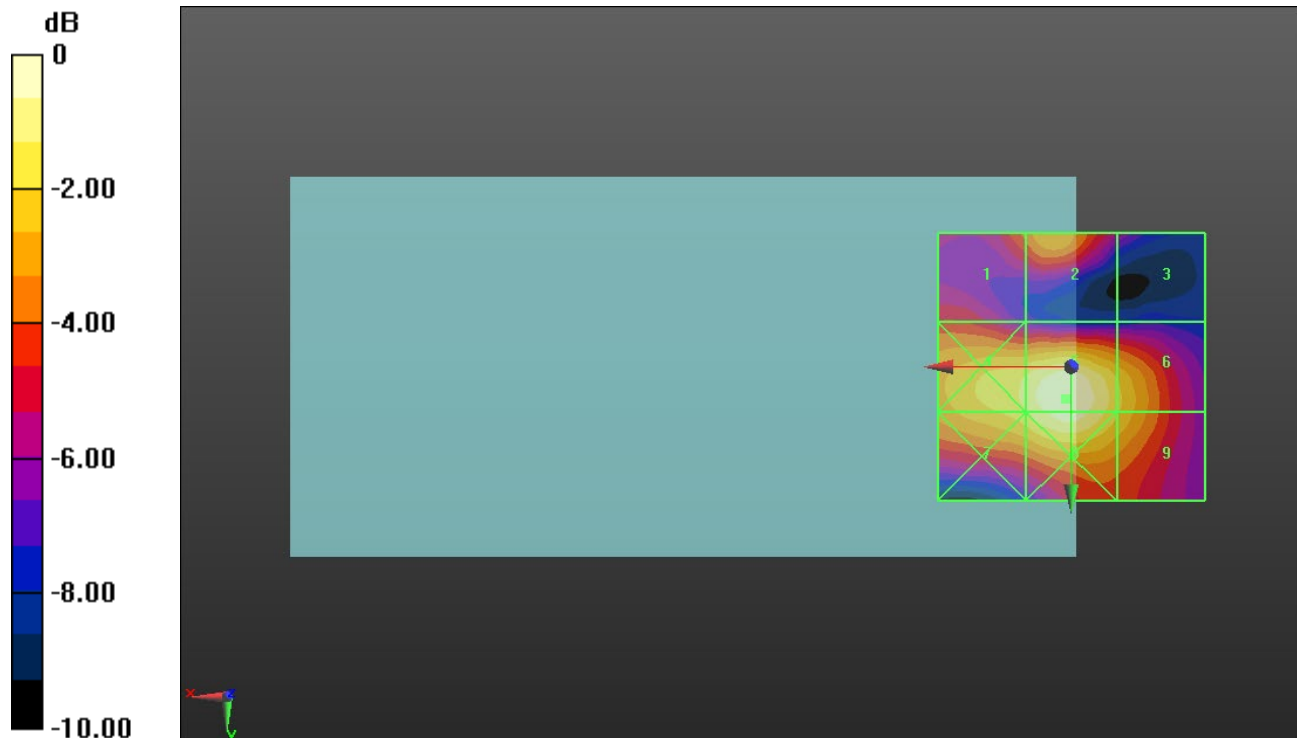
Applied MIF = -1.44 dB

RF audio interference level = 30.19 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.48 dBV/m	Grid 2 M4 27.45 dBV/m	Grid 3 M4 24.33 dBV/m
Grid 4 M4 29.08 dBV/m	Grid 5 M3 30.19 dBV/m	Grid 6 M4 28.49 dBV/m
Grid 7 M4 28.78 dBV/m	Grid 8 M4 29.91 dBV/m	Grid 9 M4 28.32 dBV/m



0 dB = 32.34 V/m = 30.19 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 = 56.01 V/m; Power Drift = -0.05 dB

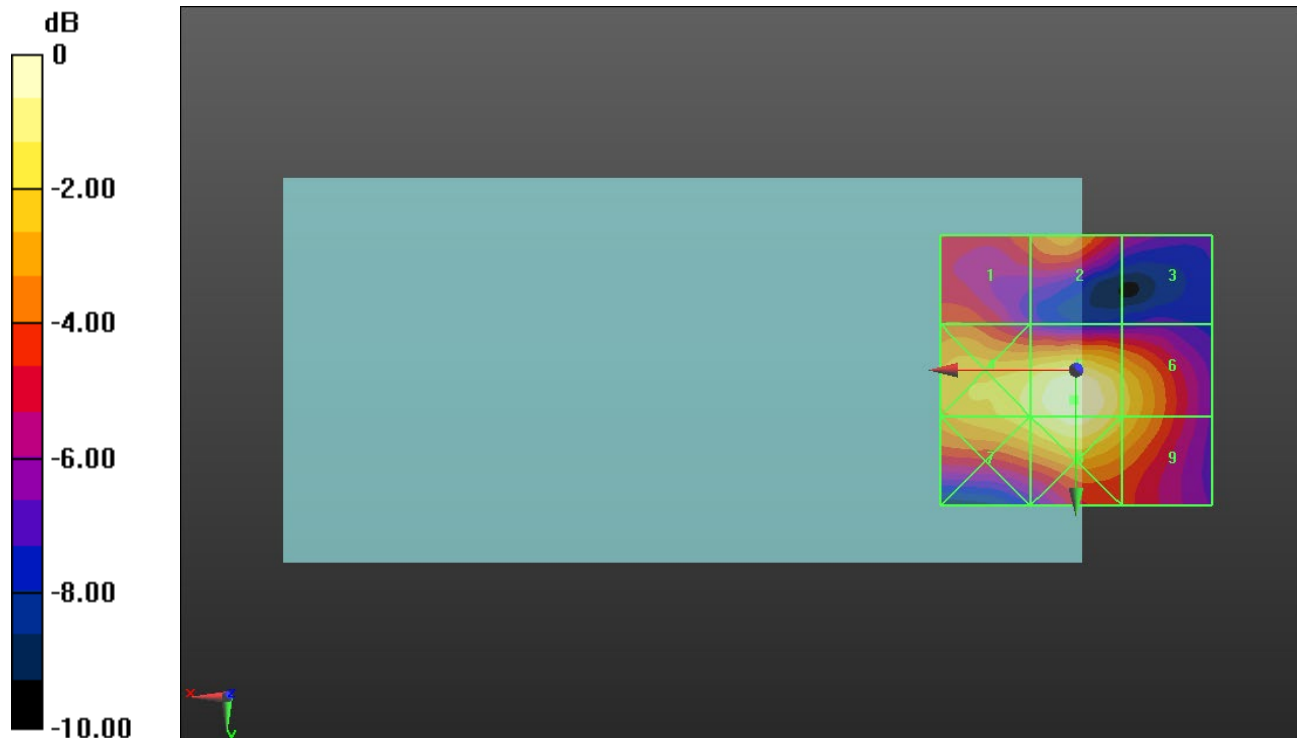
Applied MIF = -1.44 dB

RF audio interference level = 29.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.72 dBV/m	Grid 2 M4 26.6 dBV/m	Grid 3 M4 24.16 dBV/m
Grid 4 M4 28.52 dBV/m	Grid 5 M4 29.59 dBV/m	Grid 6 M4 28.01 dBV/m
Grid 7 M4 28.24 dBV/m	Grid 8 M4 29.26 dBV/m	Grid 9 M4 27.78 dBV/m



0 dB = 30.18 V/m = 29.59 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 = 15.30 V/m; Power Drift = 0.21 dB

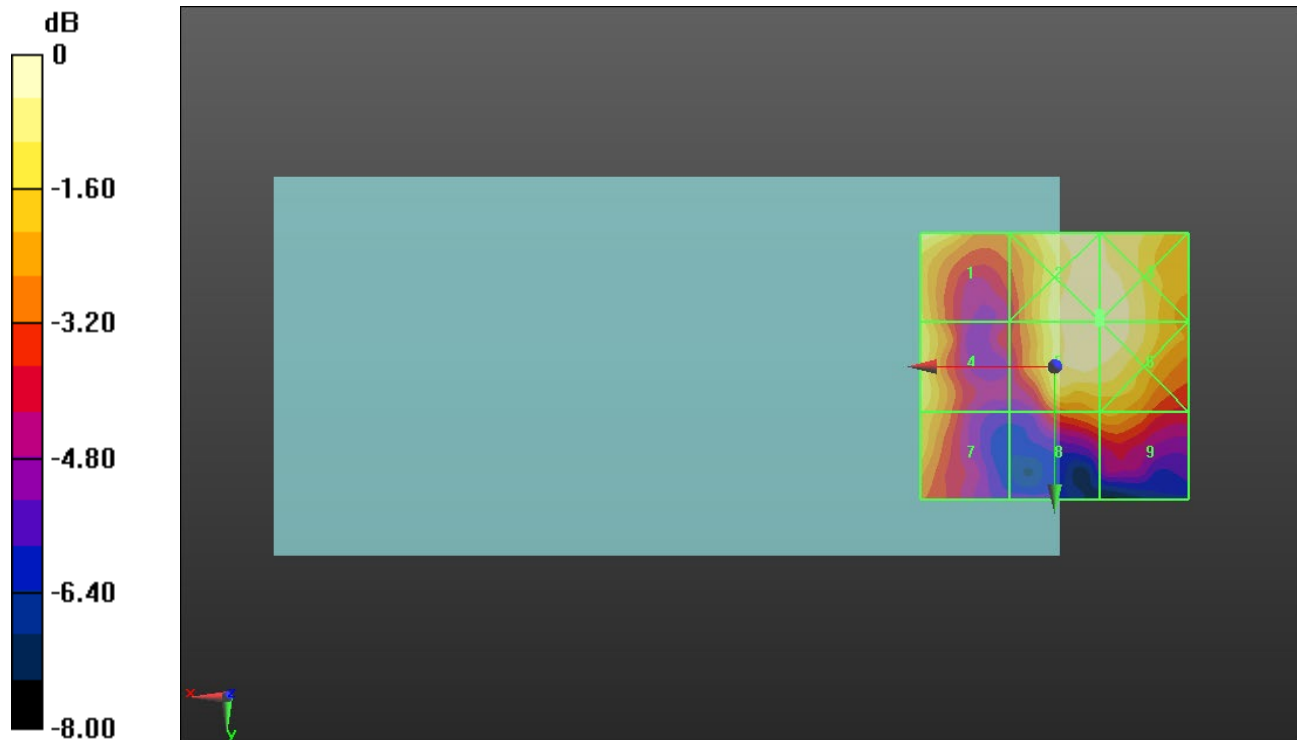
Applied MIF = -1.44 dB

RF audio interference level = 20.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.63 dBV/m	Grid 2 M4 20.2 dBV/m	Grid 3 M4 20.2 dBV/m
Grid 4 M4 19.28 dBV/m	Grid 5 M4 20.19 dBV/m	Grid 6 M4 20.19 dBV/m
Grid 7 M4 18.66 dBV/m	Grid 8 M4 18.14 dBV/m	Grid 9 M4 18.27 dBV/m



0 dB = 10.24 V/m = 20.21 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 = 13.47 V/m; Power Drift = -0.05 dB

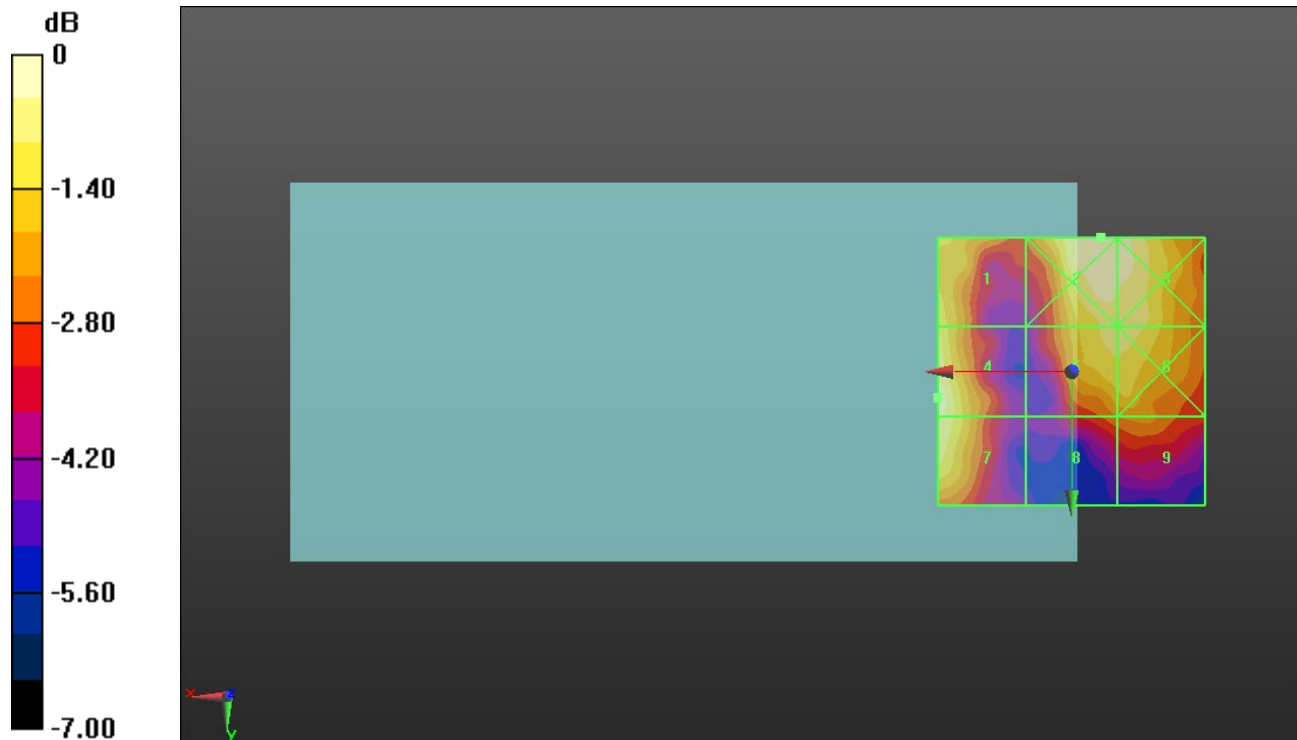
Applied MIF = -1.44 dB

RF audio interference level = 20.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.71 dBV/m	Grid 2 M4 20.75 dBV/m	Grid 3 M4 20.57 dBV/m
Grid 4 M4 20.75 dBV/m	Grid 5 M4 20.08 dBV/m	Grid 6 M4 20.09 dBV/m
Grid 7 M4 20.4 dBV/m	Grid 8 M4 18.38 dBV/m	Grid 9 M4 18.58 dBV/m



0 dB = 10.91 V/m = 20.76 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 = 10.31 V/m; Power Drift = 0.40 dB

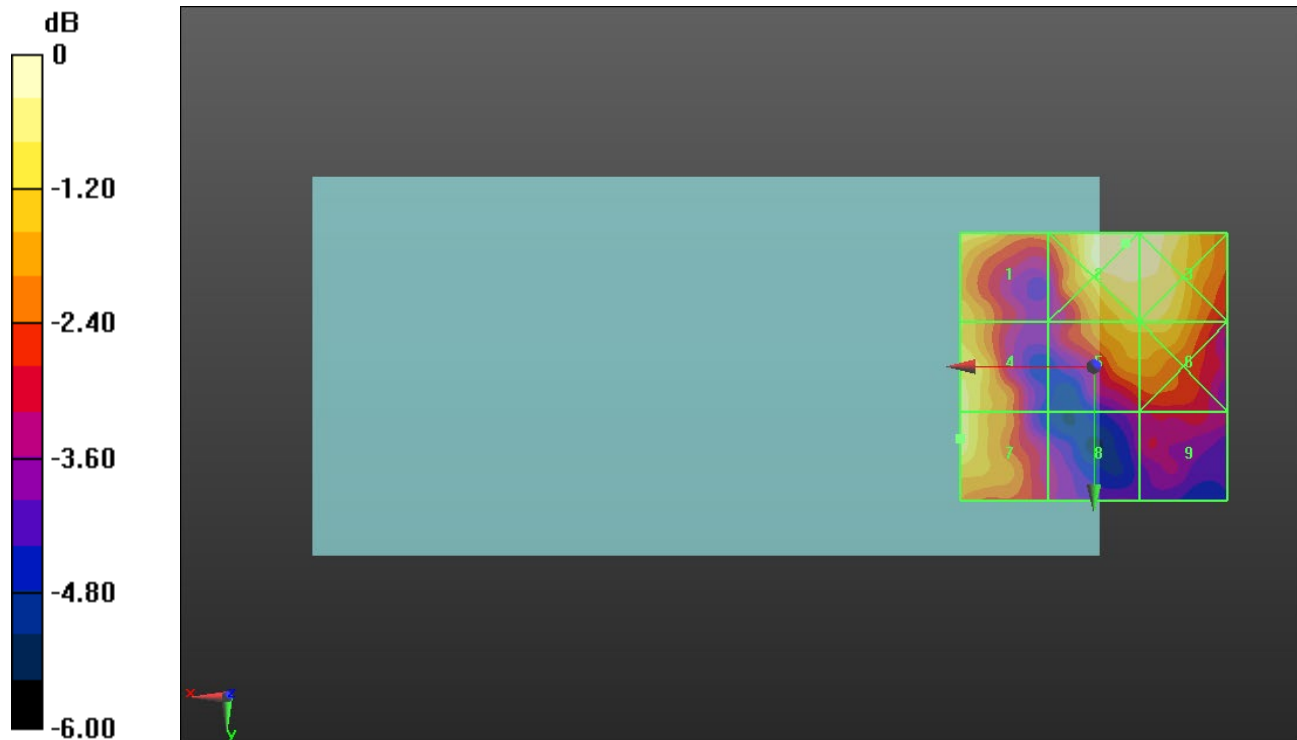
Applied MIF = -1.44 dB

RF audio interference level = 19.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.09 dBV/m	Grid 2 M4 19.96 dBV/m	Grid 3 M4 19.96 dBV/m
Grid 4 M4 19.53 dBV/m	Grid 5 M4 19.13 dBV/m	Grid 6 M4 19.2 dBV/m
Grid 7 M4 19.64 dBV/m	Grid 8 M4 16.68 dBV/m	Grid 9 M4 17.03 dBV/m



0 dB = 9.957 V/m = 19.96 dBV/m

HAC-RF Emission ANT9

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.168 V/m; Power Drift = 0.60 dB

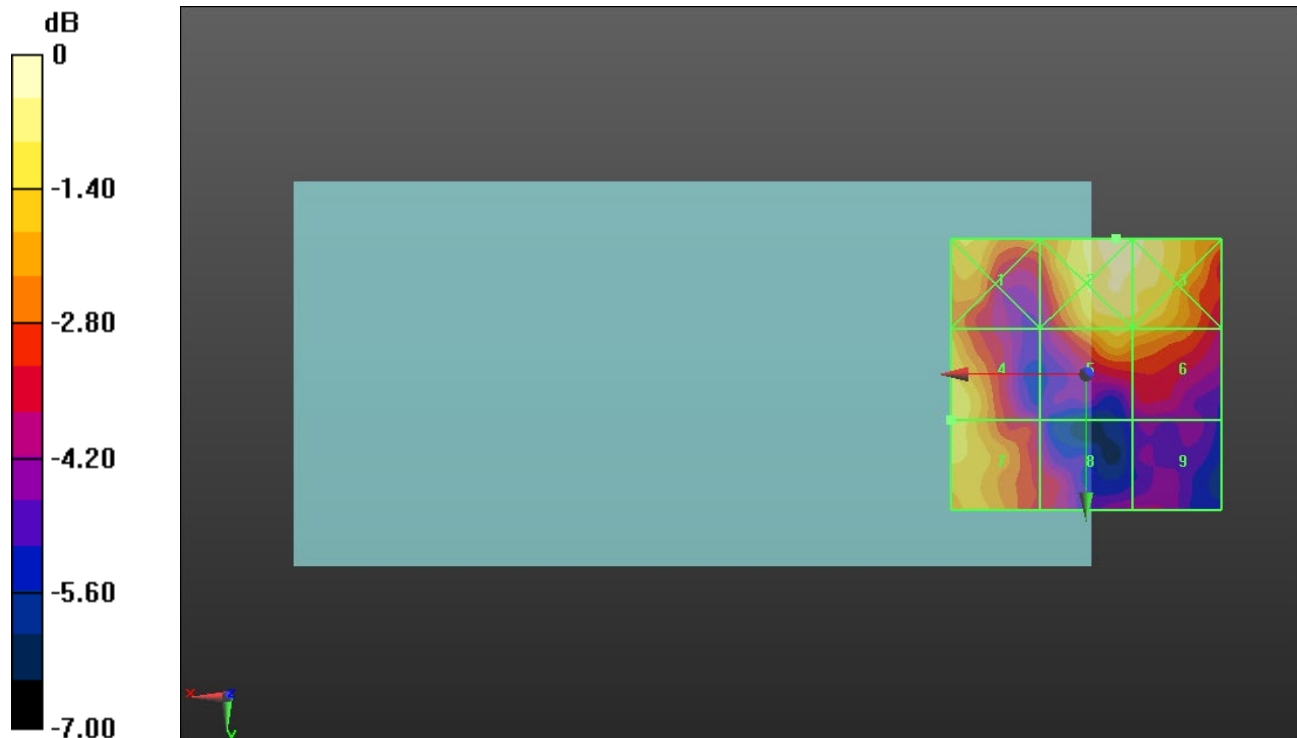
Applied MIF = -1.44 dB

RF audio interference level = 18.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.31 dBV/m	Grid 2 M4 19.62 dBV/m	Grid 3 M4 19.37 dBV/m
Grid 4 M4 18.74 dBV/m	Grid 5 M4 18.4 dBV/m	Grid 6 M4 18.27 dBV/m
Grid 7 M4 18.74 dBV/m	Grid 8 M4 16.3 dBV/m	Grid 9 M4 15.59 dBV/m



0 dB = 9.575 V/m = 19.62 dBV/m