

HAC-RF Emission ANT 1

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 46.35 V/m; Power Drift = -0.07 dB

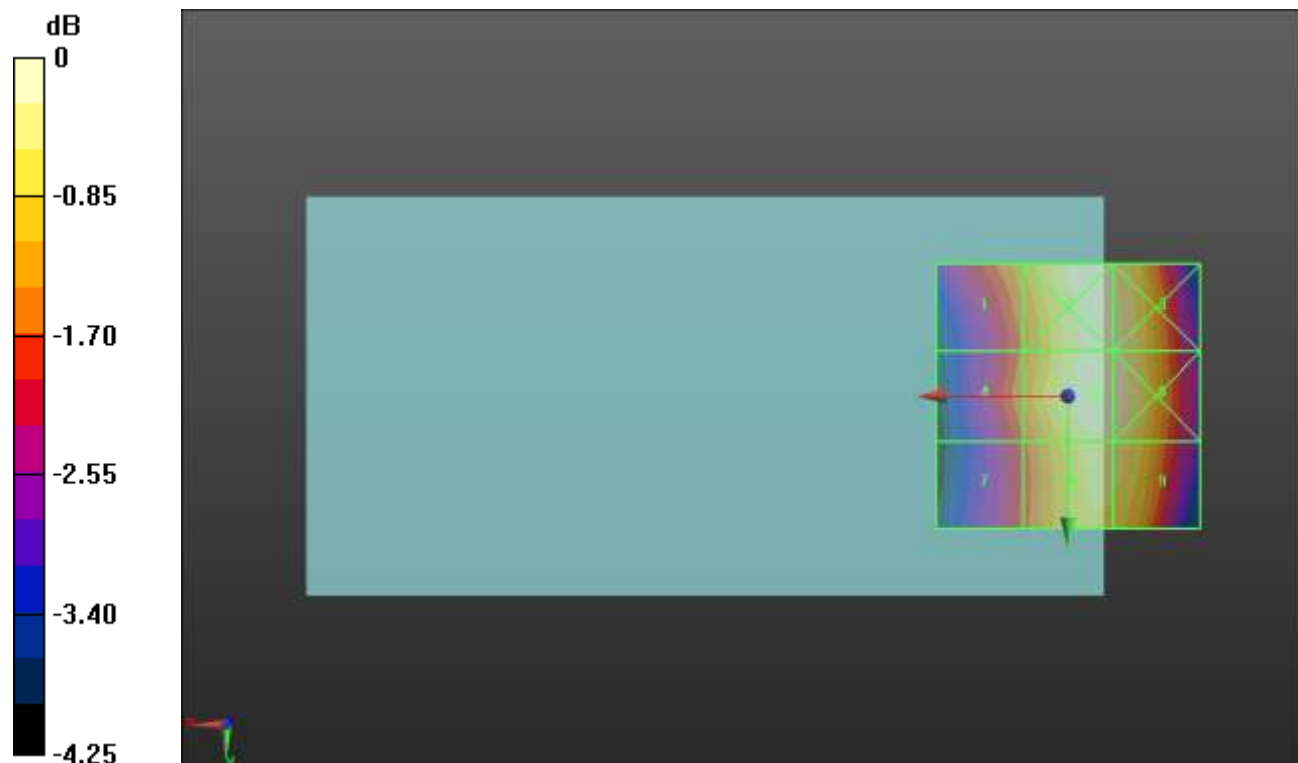
Applied MIF = 3.63 dB

RF audio interference level = 34.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.59 dBV/m	Grid 2 M4 34.65 dBV/m	Grid 3 M4 34.54 dBV/m
Grid 4 M4 33.31 dBV/m	Grid 5 M4 34.7 dBV/m	Grid 6 M4 34.64 dBV/m
Grid 7 M4 32.92 dBV/m	Grid 8 M4 34.39 dBV/m	Grid 9 M4 34.36 dBV/m



0 dB = 54.30 V/m = 34.70 dBV/m

HAC-RF Emission ANT 1

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 47.64 V/m; Power Drift = -0.04 dB

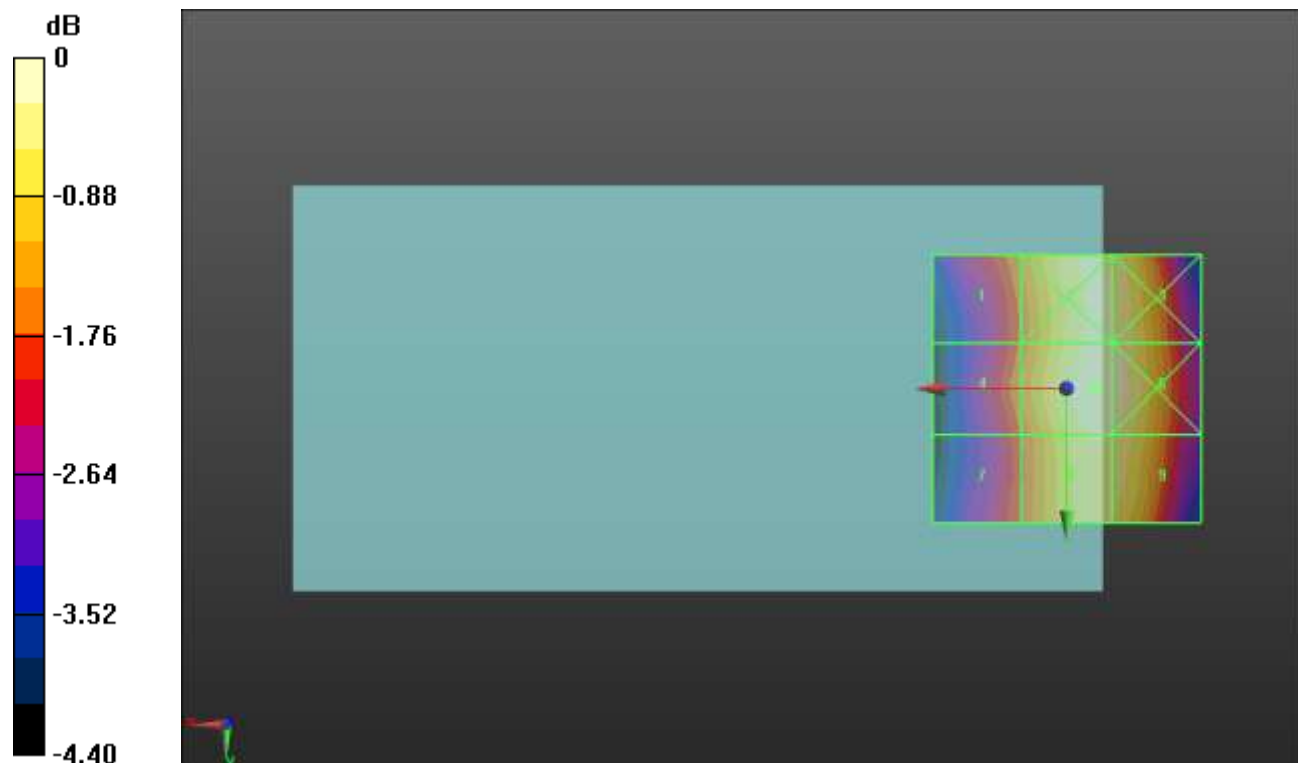
Applied MIF = 3.63 dB

RF audio interference level = 34.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.48 dBV/m	Grid 2 M4 34.71 dBV/m	Grid 3 M4 34.67 dBV/m
Grid 4 M4 33.47 dBV/m	Grid 5 M4 34.88 dBV/m	Grid 6 M4 34.8 dBV/m
Grid 7 M4 33.16 dBV/m	Grid 8 M4 34.63 dBV/m	Grid 9 M4 34.6 dBV/m



0 dB = 55.48 V/m = 34.88 dBV/m

HAC-RF Emission ANT 1

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 48.80 V/m; Power Drift = 0.02 dB

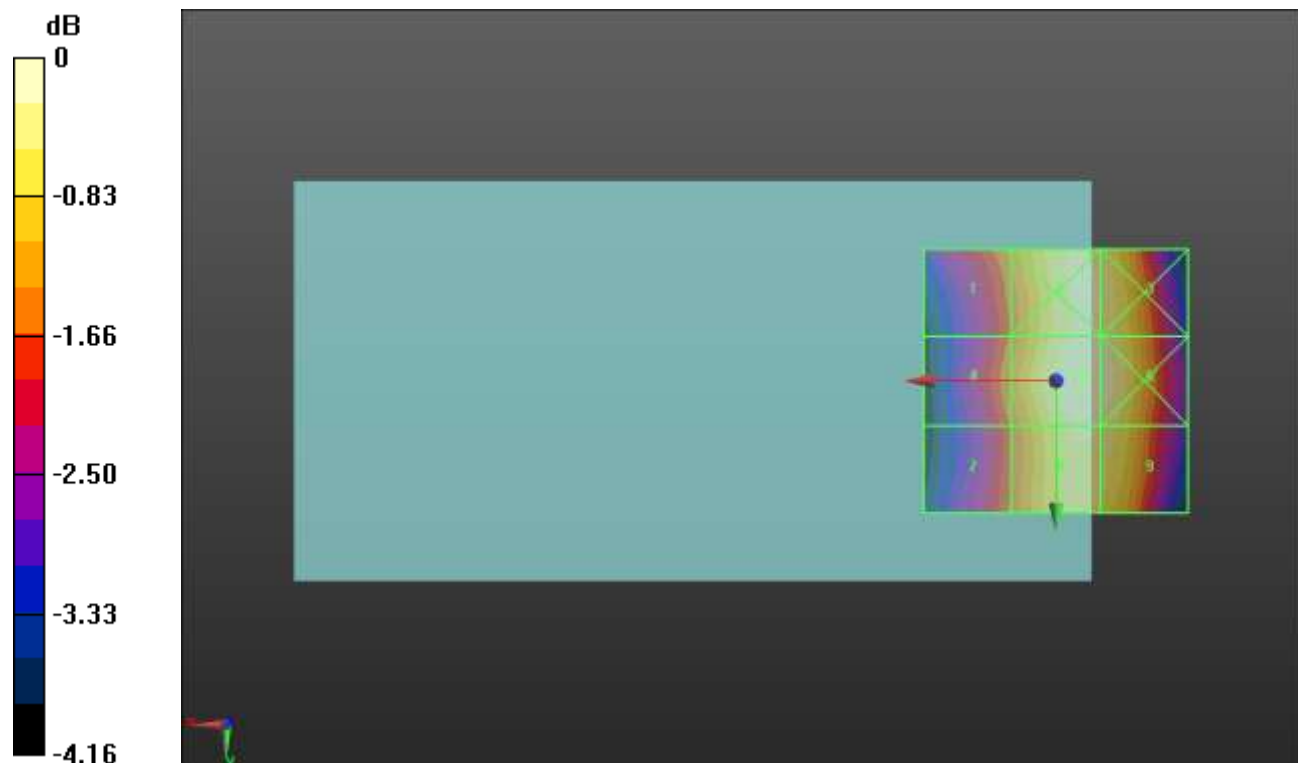
Applied MIF = 3.63 dB

RF audio interference level = 35.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.78 dBV/m	Grid 2 M4 34.83 dBV/m	Grid 3 M4 34.75 dBV/m
Grid 4 M4 33.69 dBV/m	Grid 5 M4 35.02 dBV/m	Grid 6 M4 34.94 dBV/m
Grid 7 M4 33.45 dBV/m	Grid 8 M4 34.81 dBV/m	Grid 9 M4 34.72 dBV/m



0 dB = 56.35 V/m = 35.02 dBV/m

HAC-RF Emission ANT 1

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 31.25 V/m; Power Drift = -0.08 dB

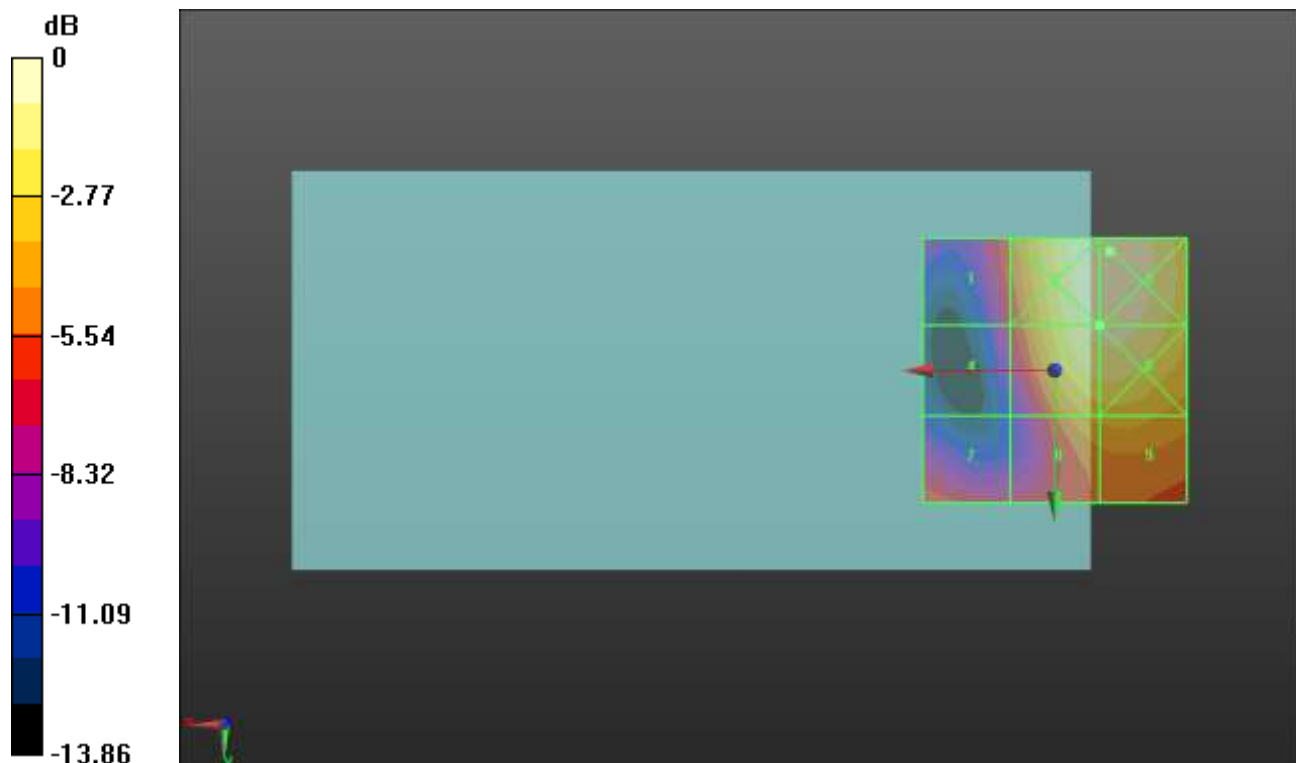
Applied MIF = 3.63 dB

RF audio interference level = 33.07 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.27 dBV/m	Grid 2 M3 33.65 dBV/m	Grid 3 M3 33.72 dBV/m
Grid 4 M4 26.82 dBV/m	Grid 5 M3 33.07 dBV/m	Grid 6 M3 33.15 dBV/m
Grid 7 M4 28.33 dBV/m	Grid 8 M3 30.36 dBV/m	Grid 9 M3 30.54 dBV/m



0 dB = 48.52 V/m = 33.72 dBV/m

HAC-RF Emission ANT 1

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 31.04 V/m; Power Drift = -0.01 dB

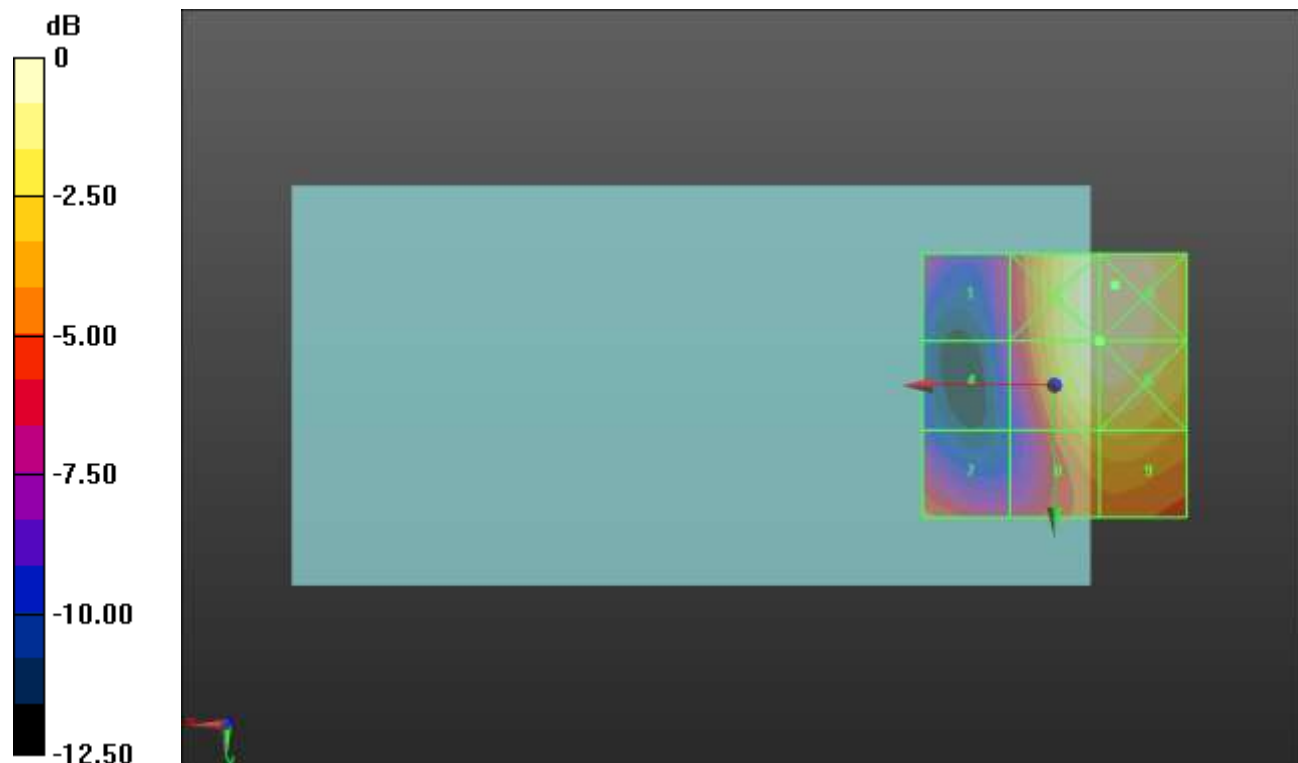
Applied MIF = 3.63 dB

RF audio interference level = 32.90 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.99 dBV/m	Grid 2 M3 33.07 dBV/m	Grid 3 M3 33.24 dBV/m
Grid 4 M4 25.84 dBV/m	Grid 5 M3 32.9 dBV/m	Grid 6 M3 33.04 dBV/m
Grid 7 M4 28.78 dBV/m	Grid 8 M3 30.82 dBV/m	Grid 9 M3 31.02 dBV/m



0 dB = 45.90 V/m = 33.24 dBV/m

HAC-RF Emission ANT 1

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 30.23 V/m; Power Drift = 0.03 dB

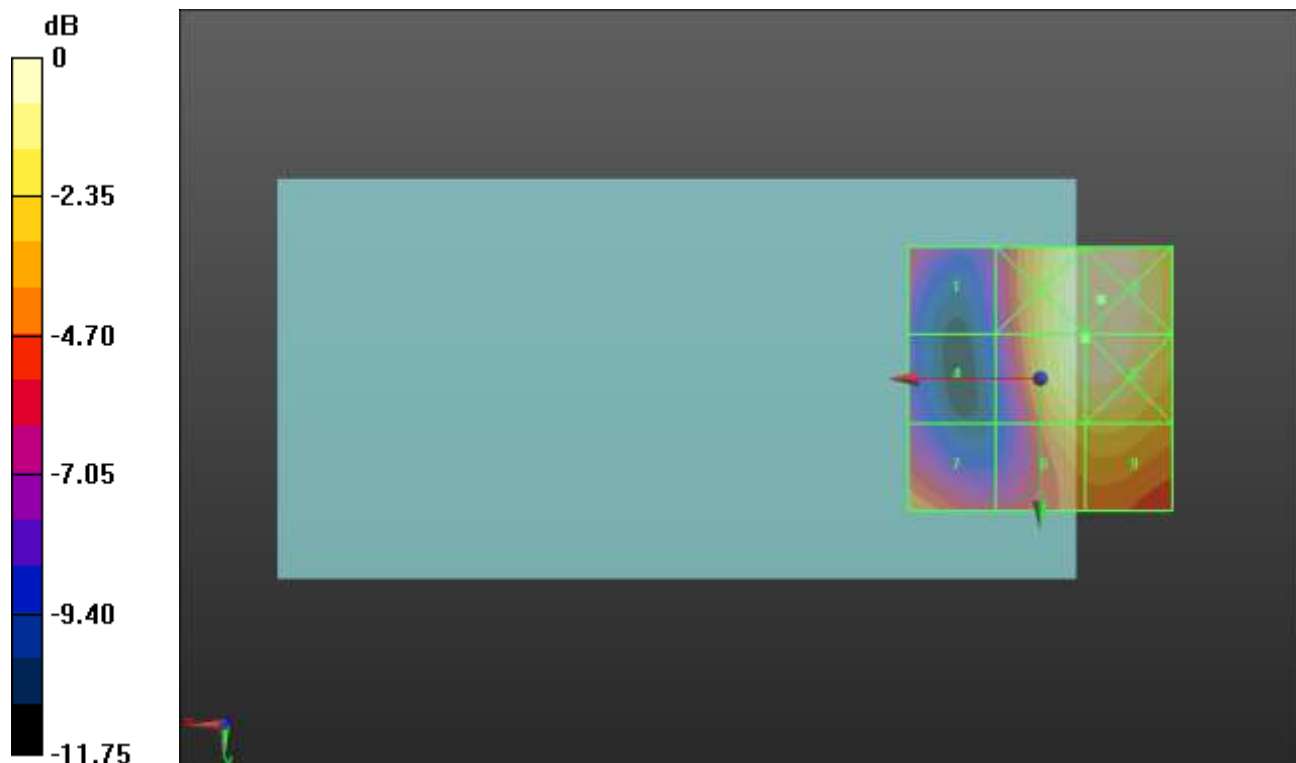
Applied MIF = 3.63 dB

RF audio interference level = 32.55 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.89 dBV/m	Grid 2 M3 32.64 dBV/m	Grid 3 M3 32.85 dBV/m
Grid 4 M4 25.8 dBV/m	Grid 5 M3 32.55 dBV/m	Grid 6 M3 32.72 dBV/m
Grid 7 M4 29.26 dBV/m	Grid 8 M3 30.66 dBV/m	Grid 9 M3 30.86 dBV/m



0 dB = 43.89 V/m = 32.85 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 1013/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.92 V/m; Power Drift = 0.04 dB

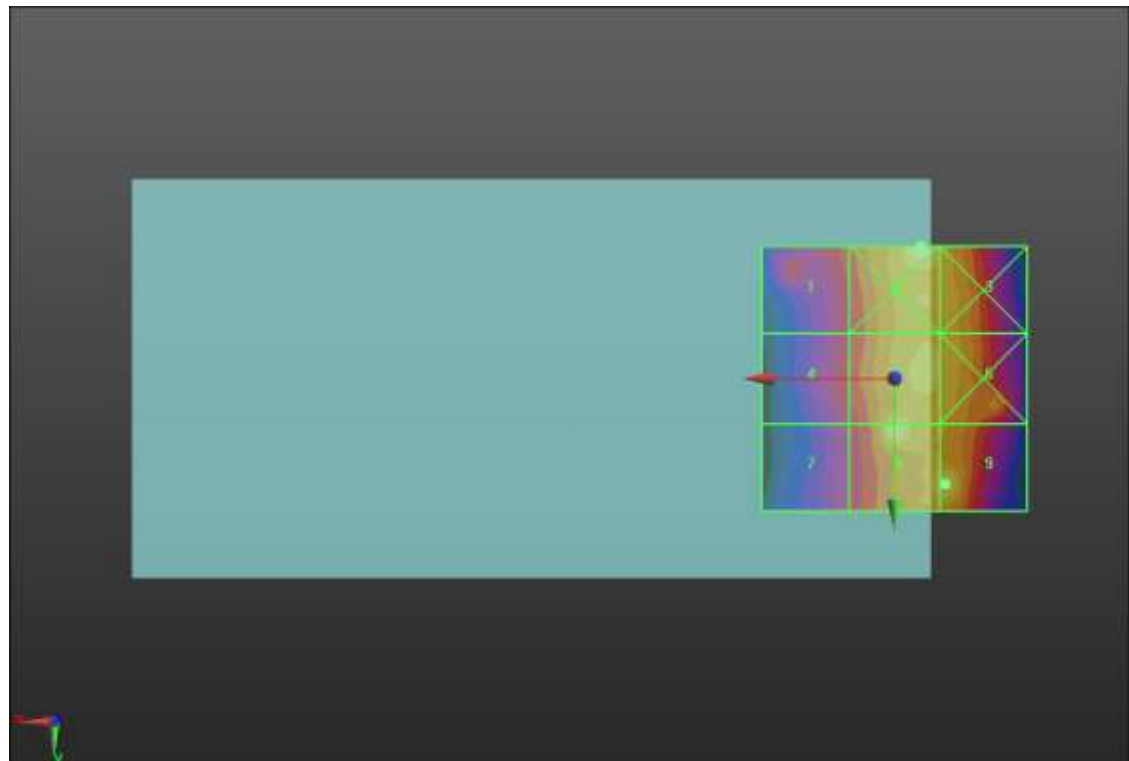
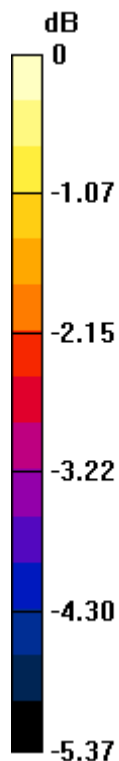
Applied MIF = 3.26 dB

RF audio interference level = 29.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.11 dBV/m	Grid 2 M4 30.36 dBV/m	Grid 3 M4 29.35 dBV/m
Grid 4 M4 27.96 dBV/m	Grid 5 M4 29.63 dBV/m	Grid 6 M4 29.29 dBV/m
Grid 7 M4 27.66 dBV/m	Grid 8 M4 29.81 dBV/m	Grid 9 M4 29.84 dBV/m



0 dB = 32.96 V/m = 30.36 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 831.99 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 384/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.27 V/m; Power Drift = -0.14 dB

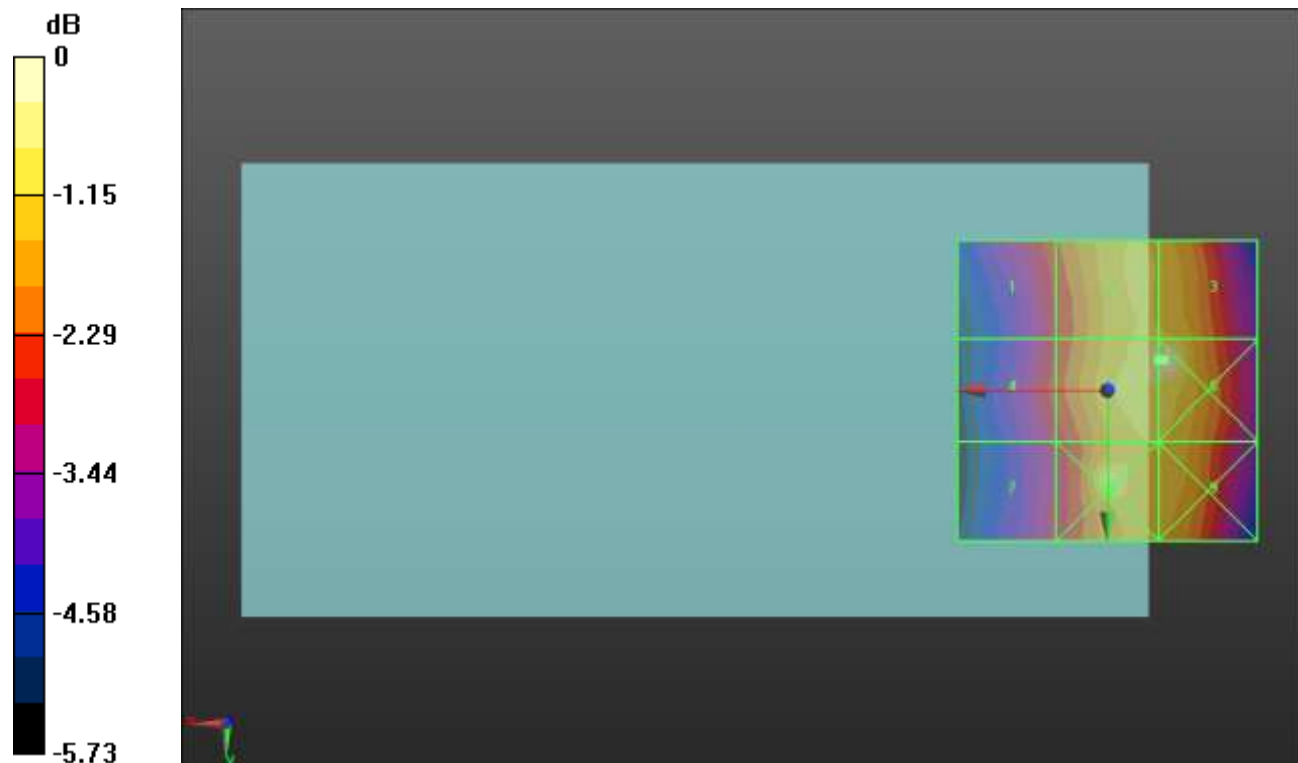
Applied MIF = 3.26 dB

RF audio interference level = 29.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.73 dBV/m	Grid 2 M4 29.18 dBV/m	Grid 3 M4 29.17 dBV/m
Grid 4 M4 27.6 dBV/m	Grid 5 M4 29.92 dBV/m	Grid 6 M4 30.07 dBV/m
Grid 7 M4 27.21 dBV/m	Grid 8 M4 29.51 dBV/m	Grid 9 M4 28.97 dBV/m



0 dB = 31.89 V/m = 30.07 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 777/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.47 V/m; Power Drift = 0.09 dB

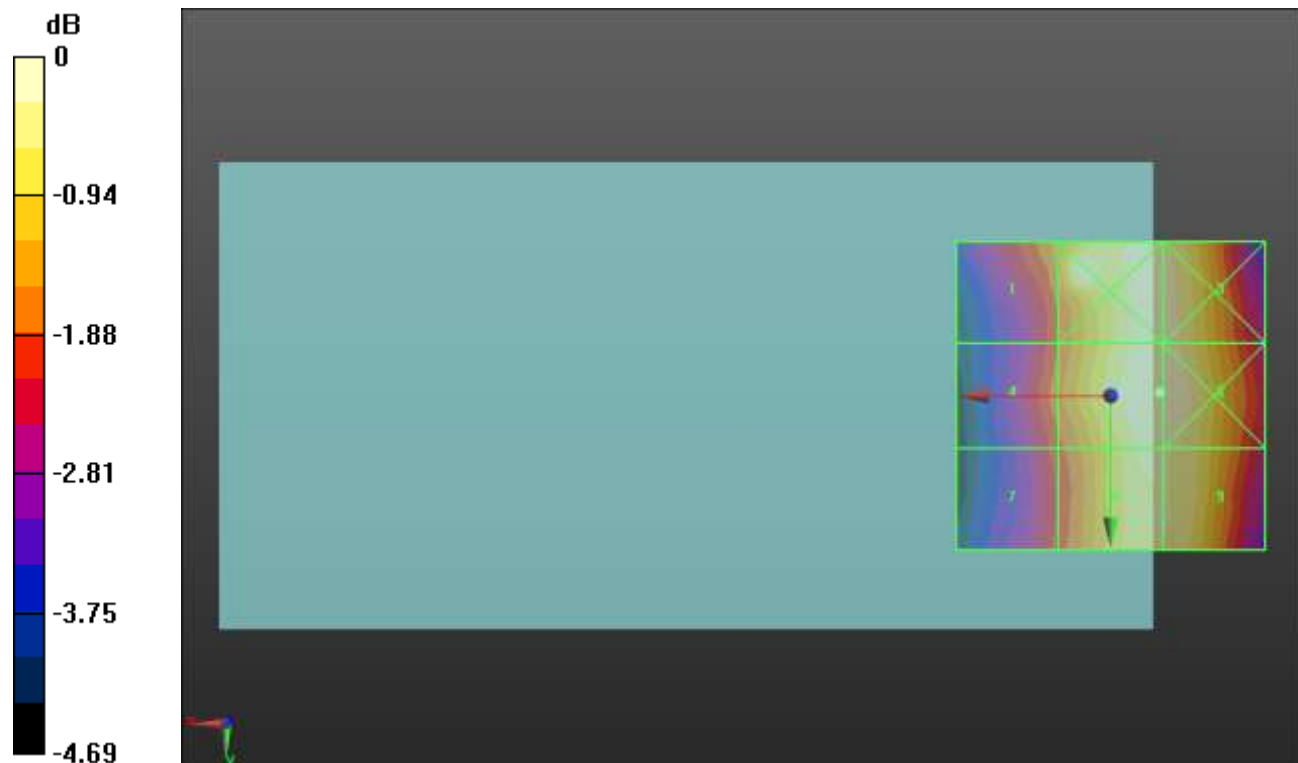
Applied MIF = 3.26 dB

RF audio interference level = 29.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.74 dBV/m	Grid 2 M4 29.1 dBV/m	Grid 3 M4 28.99 dBV/m
Grid 4 M4 27.47 dBV/m	Grid 5 M4 29.11 dBV/m	Grid 6 M4 29.11 dBV/m
Grid 7 M4 27.13 dBV/m	Grid 8 M4 28.91 dBV/m	Grid 9 M4 28.89 dBV/m



0 dB = 28.56 V/m = 29.12 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 25/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.94 V/m; Power Drift = -0.03 dB

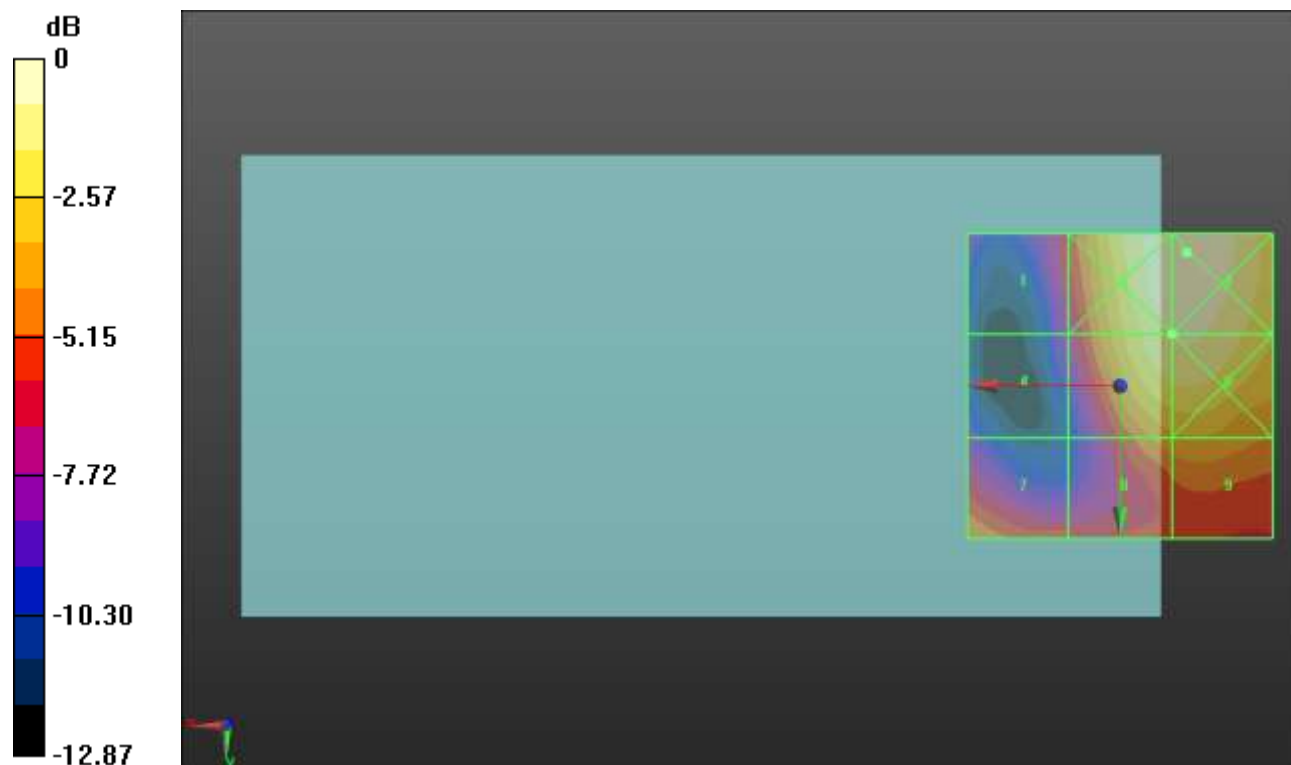
Applied MIF = 3.26 dB

RF audio interference level = 26.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.69 dBV/m	Grid 2 M4 27.57 dBV/m	Grid 3 M4 27.68 dBV/m
Grid 4 M4 20.12 dBV/m	Grid 5 M4 26.86 dBV/m	Grid 6 M4 26.98 dBV/m
Grid 7 M4 23.59 dBV/m	Grid 8 M4 24 dBV/m	Grid 9 M4 24.26 dBV/m



0 dB = 24.21 V/m = 27.68 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 600/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.19 V/m; Power Drift = -0.09 dB

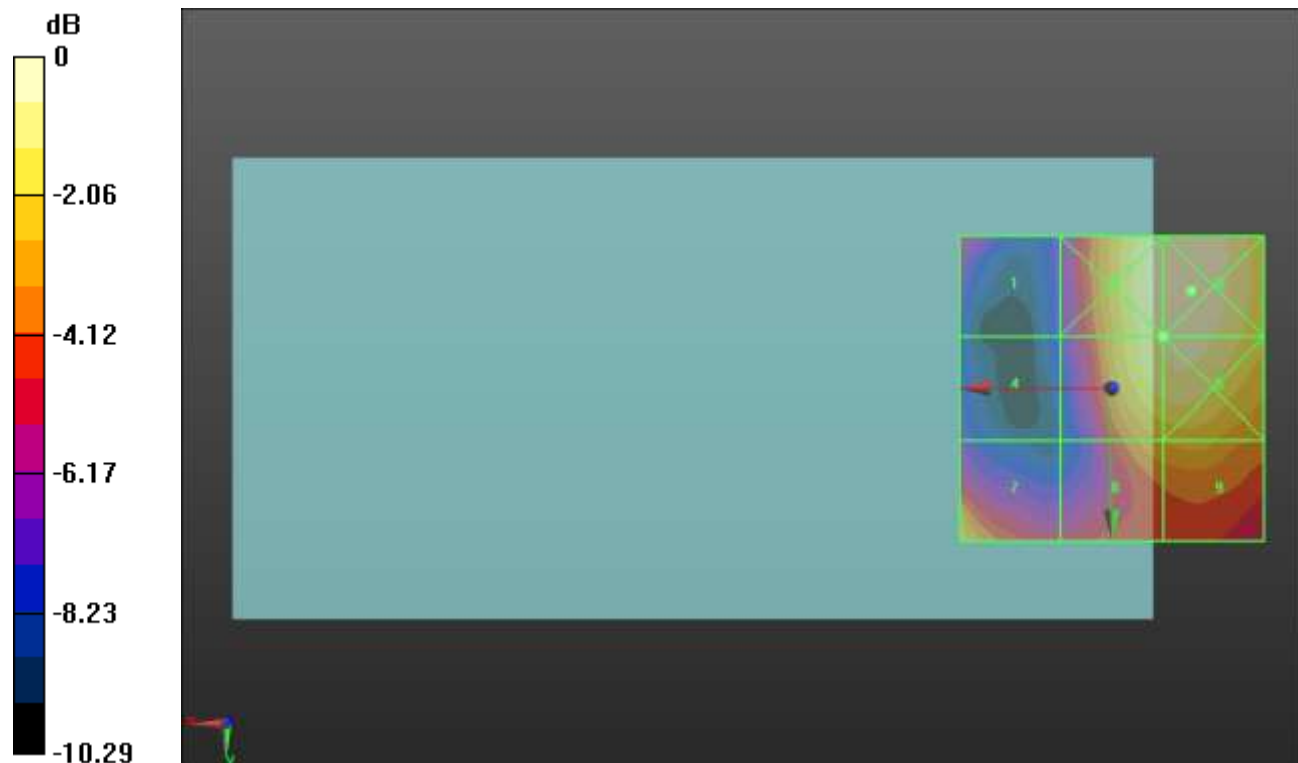
Applied MIF = 3.26 dB

RF audio interference level = 26.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.29 dBV/m	Grid 2 M4 26.96 dBV/m	Grid 3 M4 27.21 dBV/m
Grid 4 M4 20.62 dBV/m	Grid 5 M4 26.69 dBV/m	Grid 6 M4 26.88 dBV/m
Grid 7 M4 25.26 dBV/m	Grid 8 M4 24.54 dBV/m	Grid 9 M4 24.8 dBV/m



0 dB = 22.94 V/m = 27.21 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 1175/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.07 V/m; Power Drift = 0.04 dB

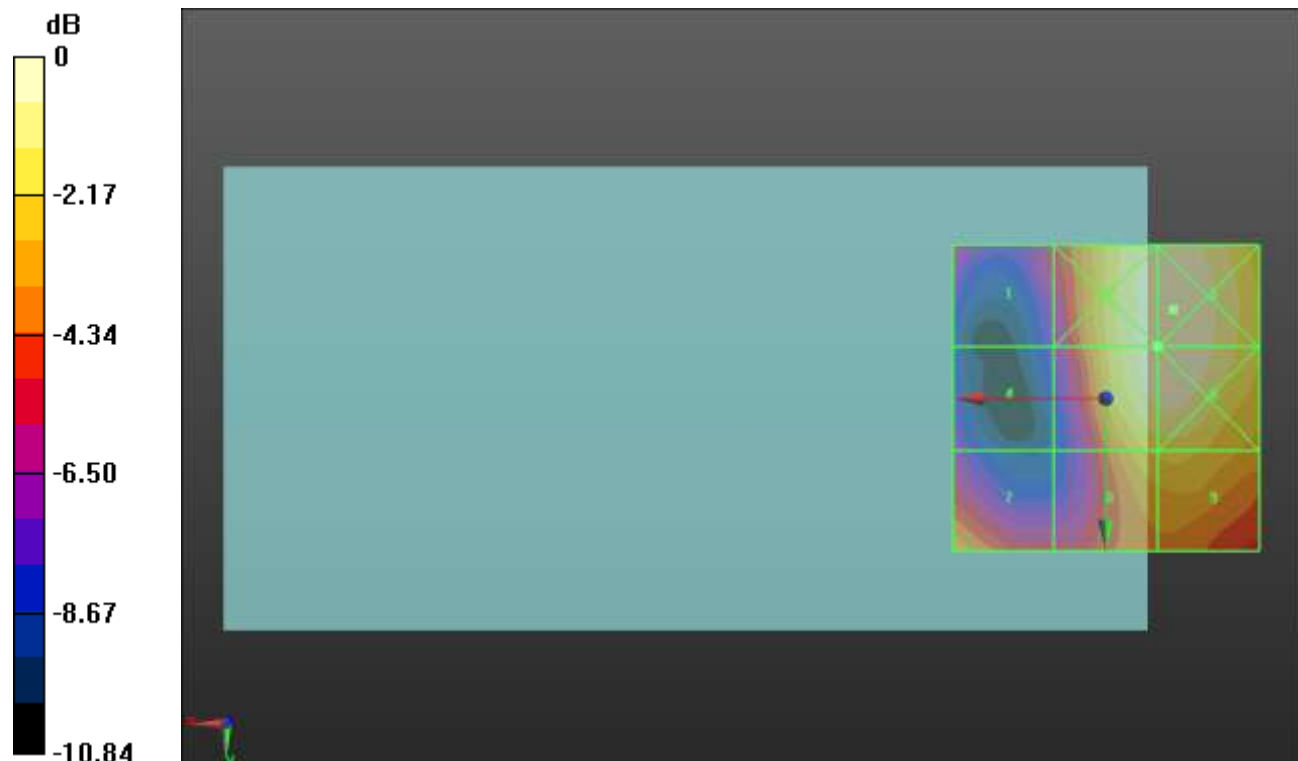
Applied MIF = 3.26 dB

RF audio interference level = 26.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.37 dBV/m	Grid 2 M4 26.65 dBV/m	Grid 3 M4 26.79 dBV/m
Grid 4 M4 20.37 dBV/m	Grid 5 M4 26.58 dBV/m	Grid 6 M4 26.68 dBV/m
Grid 7 M4 23.91 dBV/m	Grid 8 M4 24.85 dBV/m	Grid 9 M4 24.98 dBV/m



0 dB = 21.86 V/m = 26.79 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC10 E-Field measurement/RC1_SO3_ch 450/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.93 V/m; Power Drift = -0.01 dB

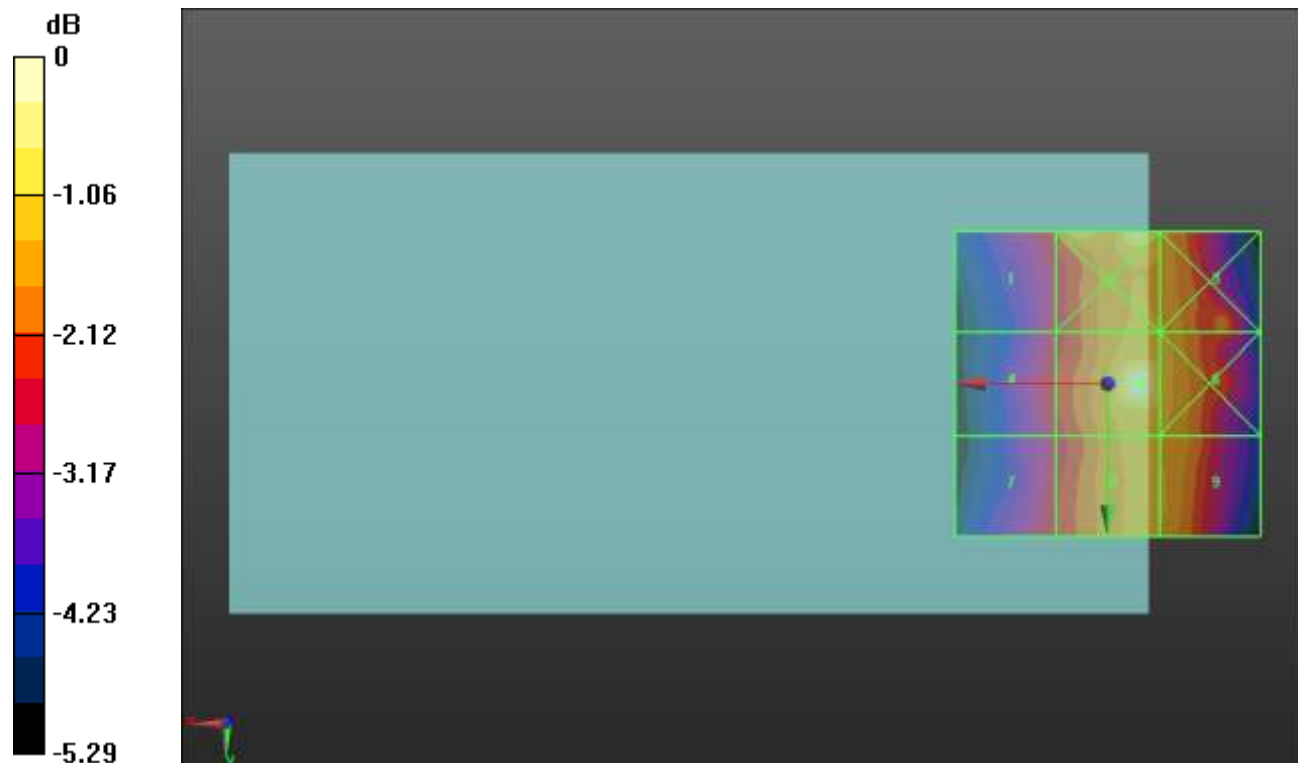
Applied MIF = 3.26 dB

RF audio interference level = 27.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.45 dBV/m	Grid 2 M4 27.31 dBV/m	Grid 3 M4 26.35 dBV/m
Grid 4 M4 25.29 dBV/m	Grid 5 M4 27.69 dBV/m	Grid 6 M4 26.67 dBV/m
Grid 7 M4 25.26 dBV/m	Grid 8 M4 26.46 dBV/m	Grid 9 M4 26.38 dBV/m



0 dB = 24.25 V/m = 27.69 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC10 E-Field measurement/RC1_SO3_ch 560/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.18 V/m; Power Drift = -0.06 dB

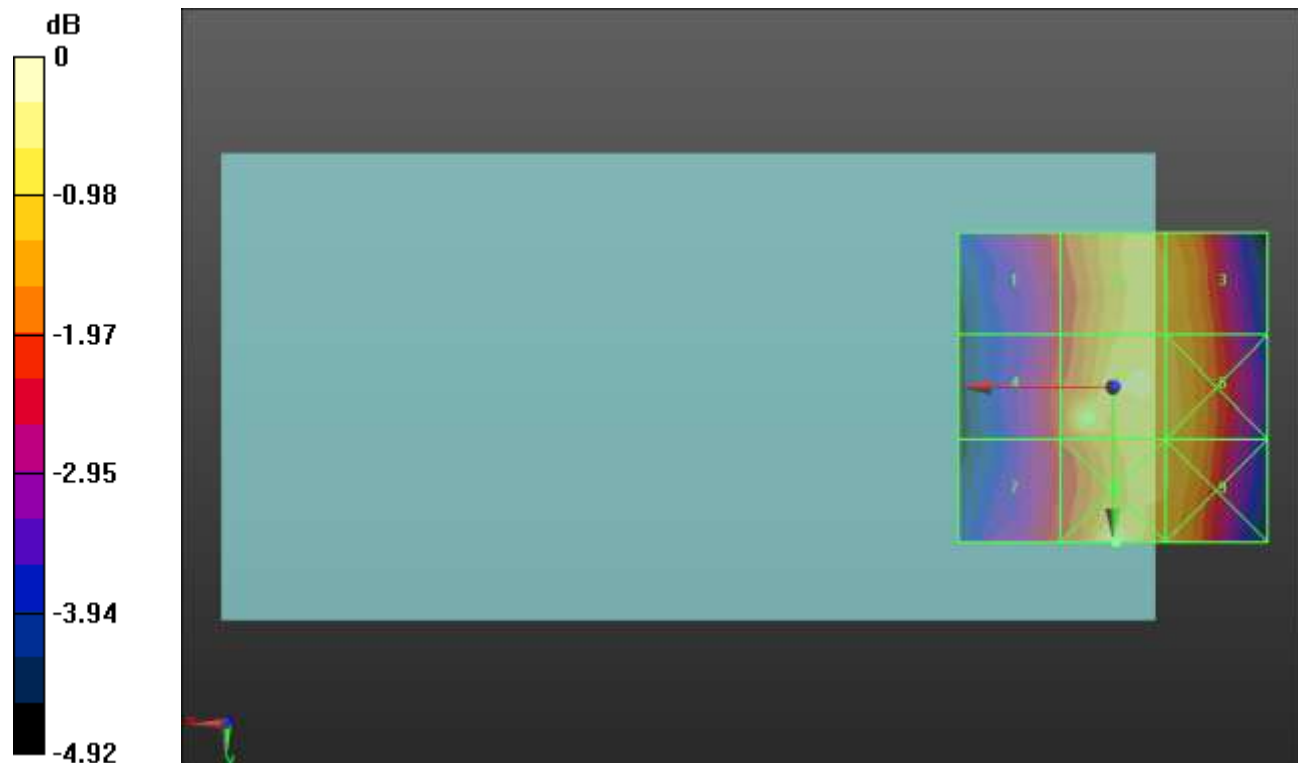
Applied MIF = 3.26 dB

RF audio interference level = 27.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.75 dBV/m	Grid 2 M4 27 dBV/m	Grid 3 M4 26.88 dBV/m
Grid 4 M4 25.9 dBV/m	Grid 5 M4 27.34 dBV/m	Grid 6 M4 27.04 dBV/m
Grid 7 M4 25.76 dBV/m	Grid 8 M4 27.8 dBV/m	Grid 9 M4 26.89 dBV/m



0 dB = 24.53 V/m = 27.79 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC10 E-Field measurement/RC1_SO3_ch 670/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.61 V/m; Power Drift = 0.08 dB

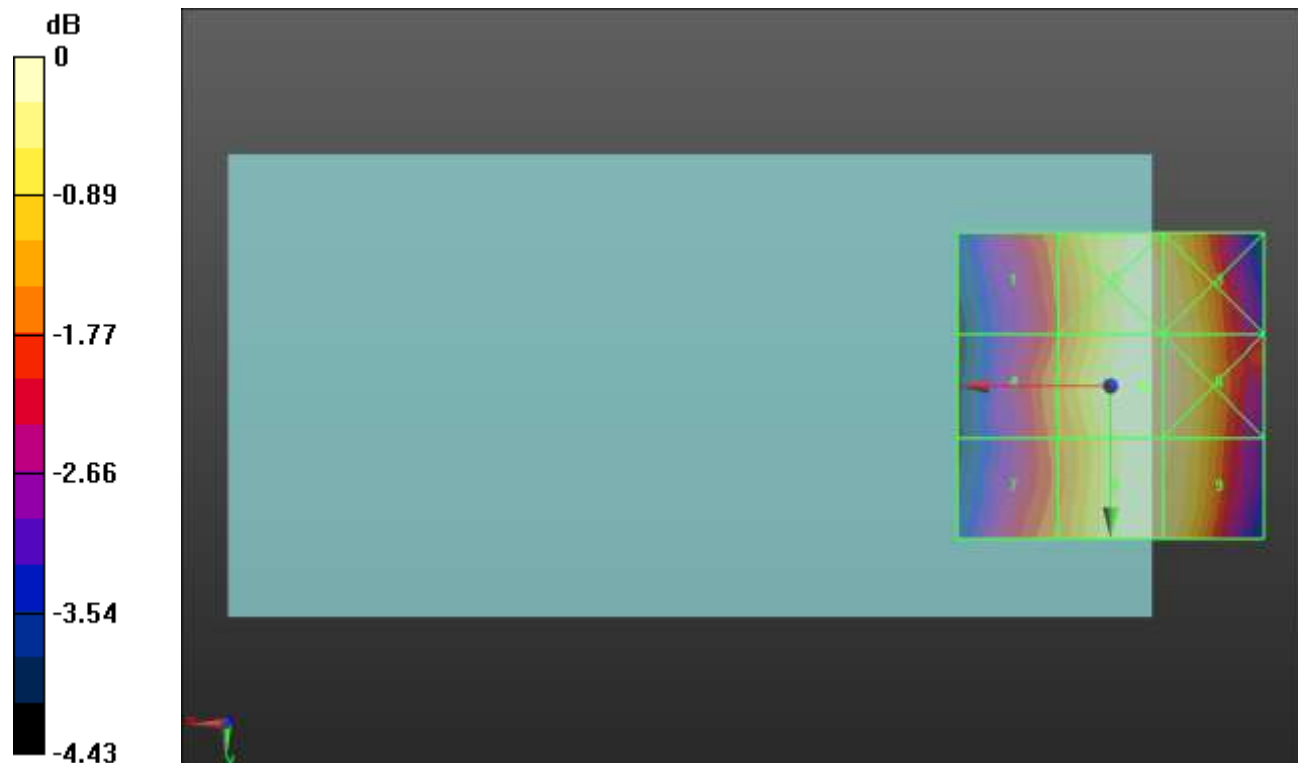
Applied MIF = 3.26 dB

RF audio interference level = 27.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.05 dBV/m	Grid 2 M4 27.36 dBV/m	Grid 3 M4 27.27 dBV/m
Grid 4 M4 26.15 dBV/m	Grid 5 M4 27.46 dBV/m	Grid 6 M4 27.38 dBV/m
Grid 7 M4 26.11 dBV/m	Grid 8 M4 27.32 dBV/m	Grid 9 M4 27.28 dBV/m



0 dB = 23.60 V/m = 27.46 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 9.744 V/m; Power Drift = -0.15 dB

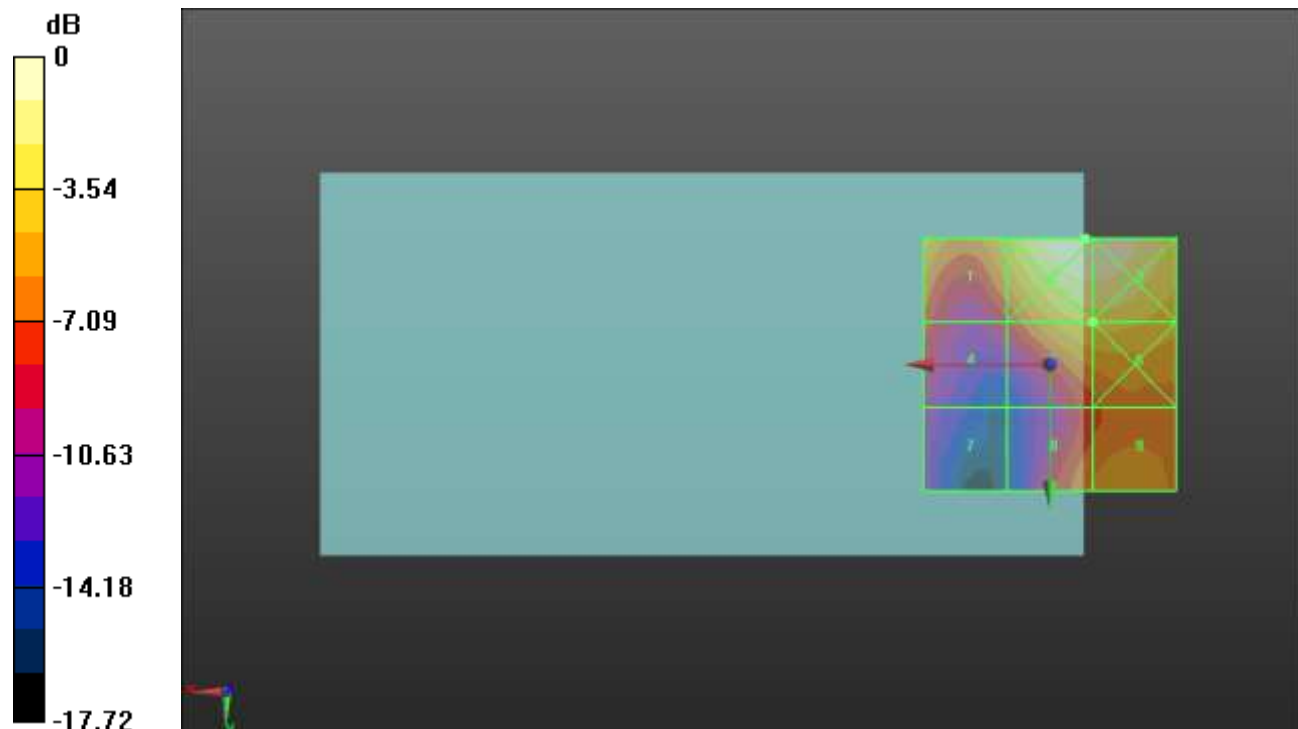
Applied MIF = -1.44 dB

RF audio interference level = 22.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.49 dBV/m	Grid 2 M4 25.1 dBV/m	Grid 3 M4 25.07 dBV/m
Grid 4 M4 17.68 dBV/m	Grid 5 M4 22.05 dBV/m	Grid 6 M4 22.16 dBV/m
Grid 7 M4 15.05 dBV/m	Grid 8 M4 19.42 dBV/m	Grid 9 M4 20.03 dBV/m



0 dB = 18.00 V/m = 25.11 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 40185/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.615 V/m; Power Drift = -0.33 dB

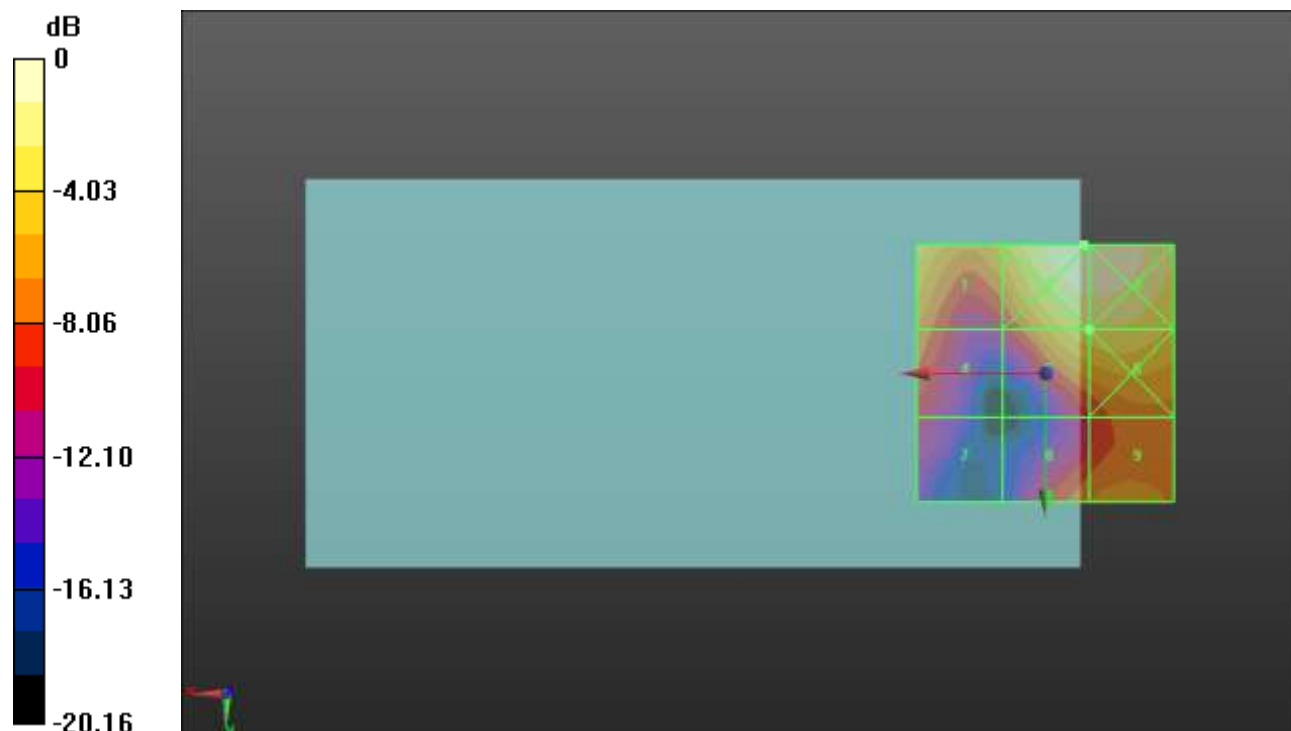
Applied MIF = -1.44 dB

RF audio interference level = 21.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.7 dBV/m	Grid 2 M4 24.8 dBV/m	Grid 3 M4 24.78 dBV/m
Grid 4 M4 18.09 dBV/m	Grid 5 M4 21.71 dBV/m	Grid 6 M4 21.96 dBV/m
Grid 7 M4 14.61 dBV/m	Grid 8 M4 18.03 dBV/m	Grid 9 M4 18.68 dBV/m



0 dB = 17.37 V/m = 24.80 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 9.339 V/m; Power Drift = -0.03 dB

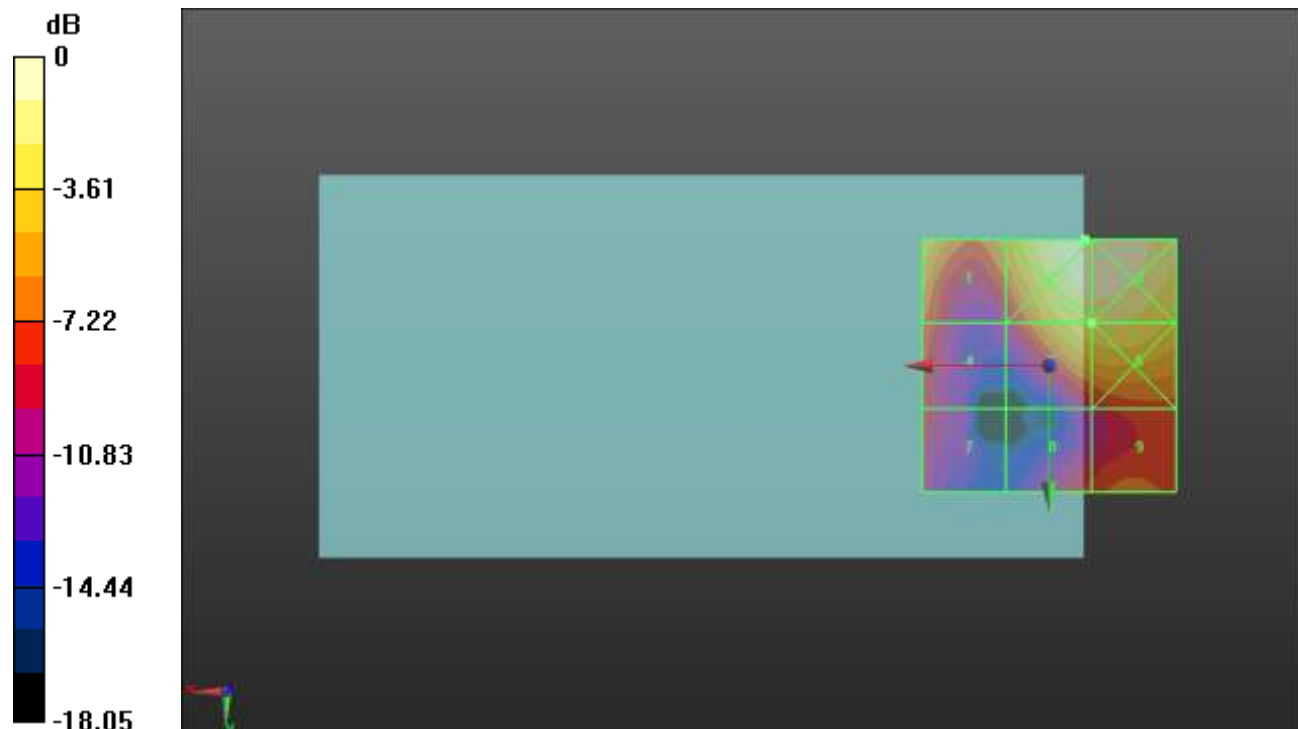
Applied MIF = -1.44 dB

RF audio interference level = 21.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.95 dBV/m	Grid 2 M4 24.15 dBV/m	Grid 3 M4 24.11 dBV/m
Grid 4 M4 17.27 dBV/m	Grid 5 M4 21.7 dBV/m	Grid 6 M4 21.91 dBV/m
Grid 7 M4 15.51 dBV/m	Grid 8 M4 16.33 dBV/m	Grid 9 M4 17.64 dBV/m



0 dB = 16.12 V/m = 24.15 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.078 V/m; Power Drift = -0.10 dB

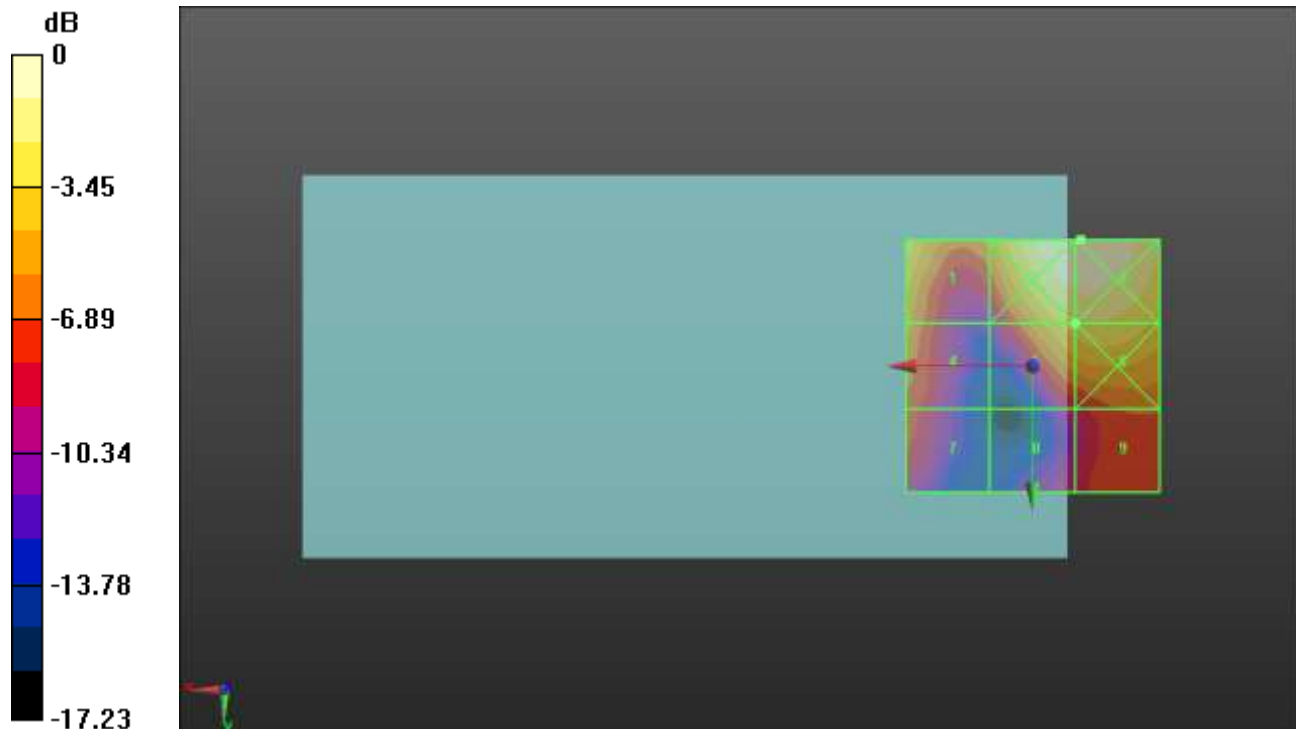
Applied MIF = -1.44 dB

RF audio interference level = 20.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.84 dBV/m	Grid 2 M4 23.56 dBV/m	Grid 3 M4 23.56 dBV/m
Grid 4 M4 18.42 dBV/m	Grid 5 M4 20.87 dBV/m	Grid 6 M4 21.21 dBV/m
Grid 7 M4 16.53 dBV/m	Grid 8 M4 14.86 dBV/m	Grid 9 M4 16.89 dBV/m



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

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 41490/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.114 V/m; Power Drift = -0.11 dB

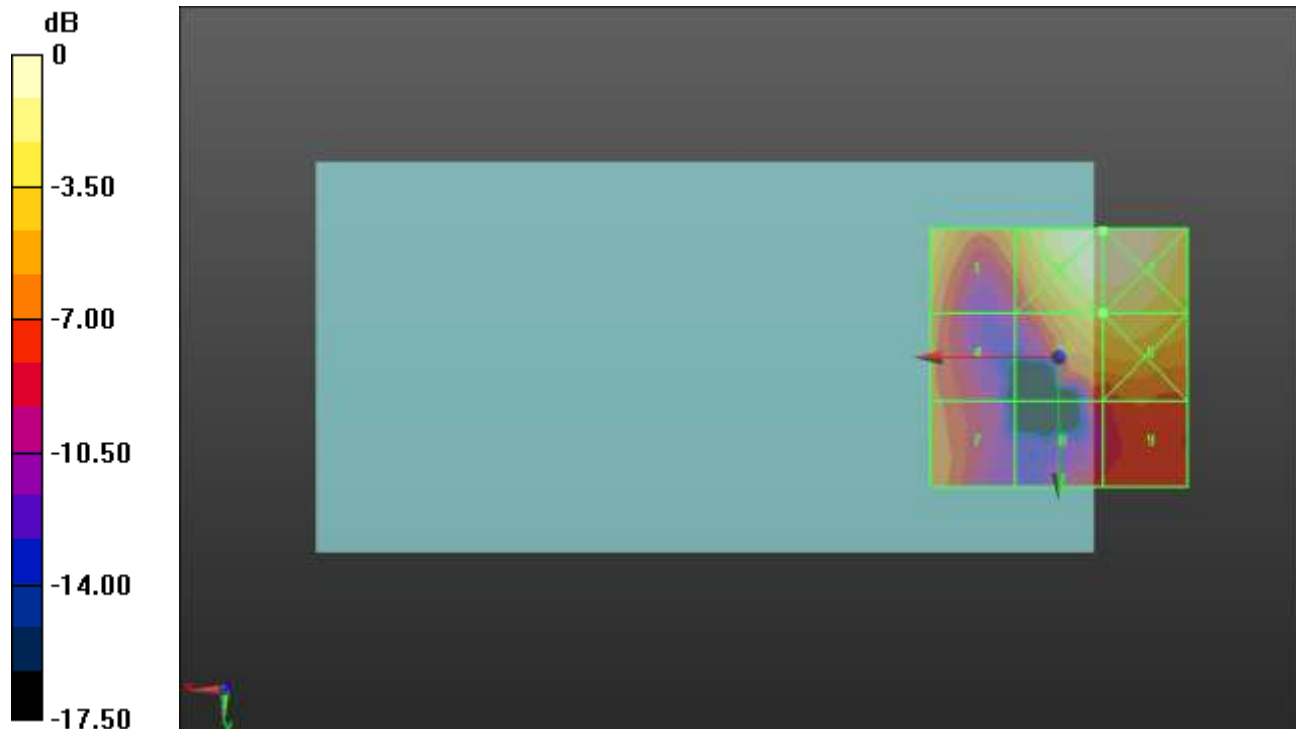
Applied MIF = -1.44 dB

RF audio interference level = 19.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.18 dBV/m	Grid 2 M4 21.94 dBV/m	Grid 3 M4 21.94 dBV/m
Grid 4 M4 16.12 dBV/m	Grid 5 M4 19.5 dBV/m	Grid 6 M4 19.75 dBV/m
Grid 7 M4 16.29 dBV/m	Grid 8 M4 14.24 dBV/m	Grid 9 M4 15.08 dBV/m



0 dB = 12.50 V/m = 21.94 dBV/m

HAC-RF Emission ANT 2

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 68.49 V/m; Power Drift = -0.03 dB

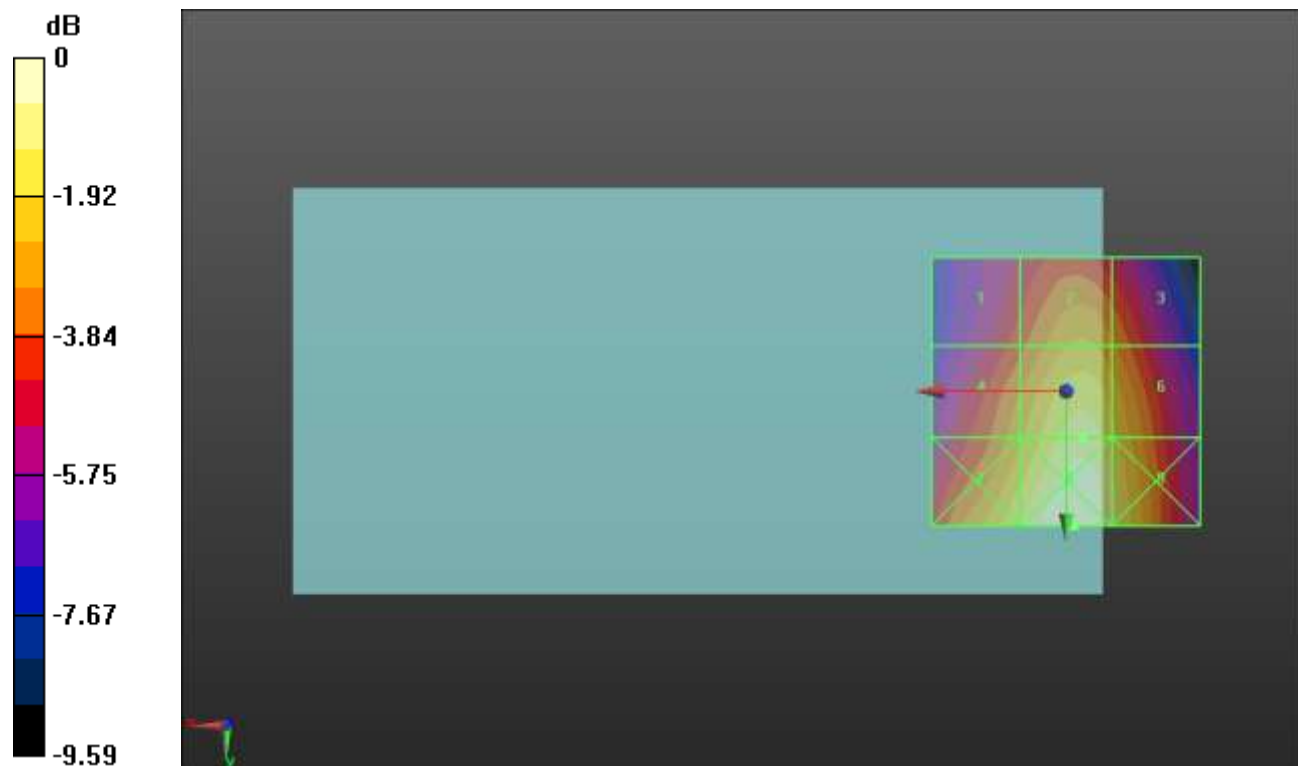
Applied MIF = 3.63 dB

RF audio interference level = 37.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.54 dBV/m	Grid 2 M4 36.13 dBV/m	Grid 3 M4 35.52 dBV/m
Grid 4 M4 35.89 dBV/m	Grid 5 M4 37.63 dBV/m	Grid 6 M4 36.88 dBV/m
Grid 7 M4 37.3 dBV/m	Grid 8 M4 38.54 dBV/m	Grid 9 M4 37.5 dBV/m



0 dB = 84.49 V/m = 38.54 dBV/m

HAC-RF Emission ANT 2

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 66.98 V/m; Power Drift = -0.08 dB

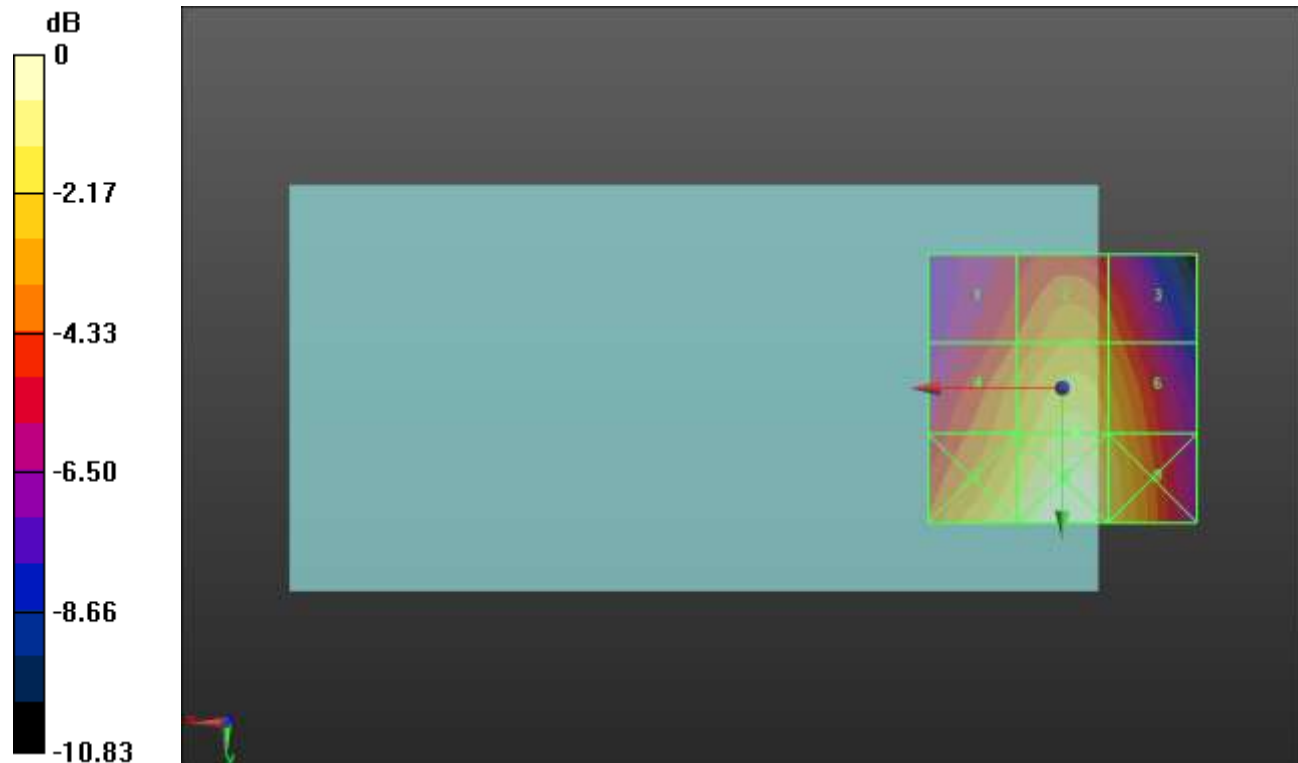
Applied MIF = 3.63 dB

RF audio interference level = 37.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.22 dBV/m	Grid 2 M4 35.65 dBV/m	Grid 3 M4 34.86 dBV/m
Grid 4 M4 35.8 dBV/m	Grid 5 M4 37.35 dBV/m	Grid 6 M4 36.42 dBV/m
Grid 7 M4 37.33 dBV/m	Grid 8 M4 38.43 dBV/m	Grid 9 M4 37.13 dBV/m



0 dB = 83.48 V/m = 38.43 dBV/m

HAC-RF Emission ANT 2

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 61.41 V/m; Power Drift = -0.08 dB

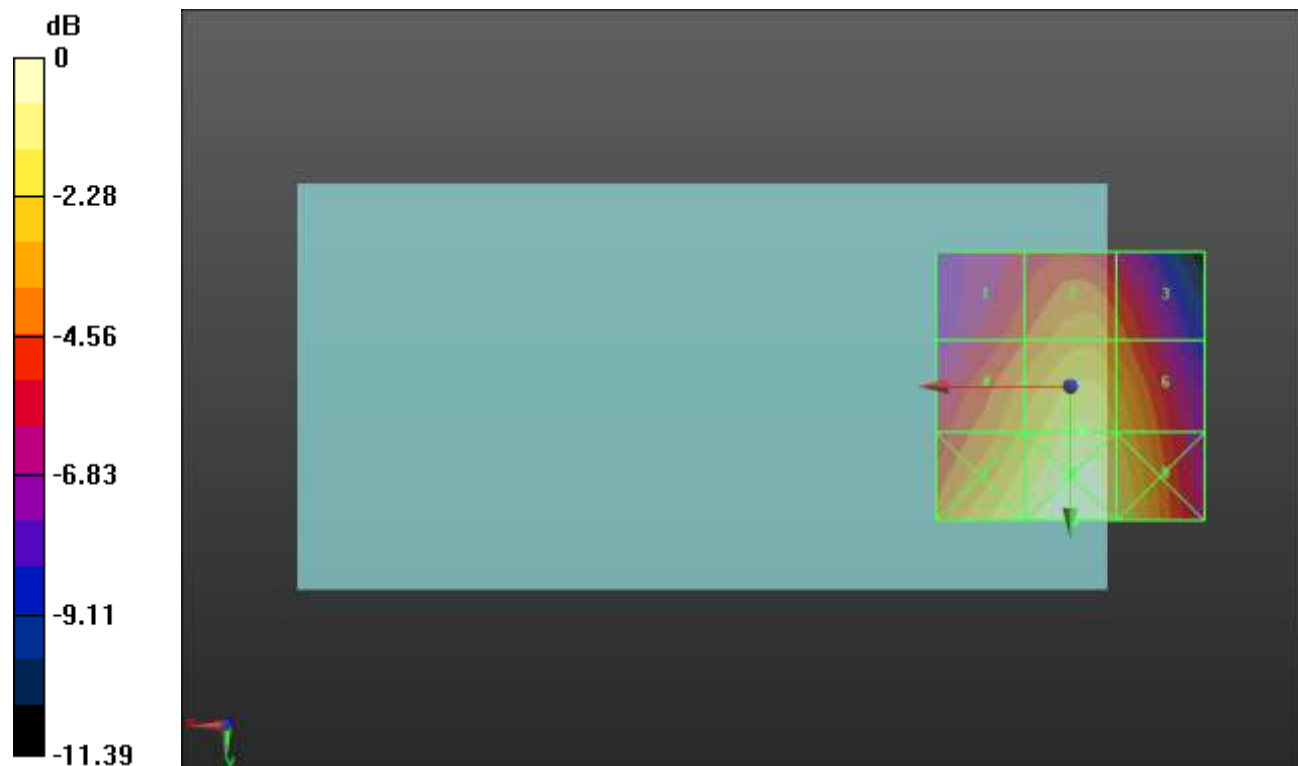
Applied MIF = 3.63 dB

RF audio interference level = 36.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.48 dBV/m	Grid 2 M4 34.86 dBV/m	Grid 3 M4 34.11 dBV/m
Grid 4 M4 35.23 dBV/m	Grid 5 M4 36.78 dBV/m	Grid 6 M4 35.9 dBV/m
Grid 7 M4 36.95 dBV/m	Grid 8 M4 38.01 dBV/m	Grid 9 M4 36.78 dBV/m



0 dB = 79.52 V/m = 38.01 dBV/m

HAC-RF Emission ANT 2

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 25.77 V/m; Power Drift = -0.05 dB

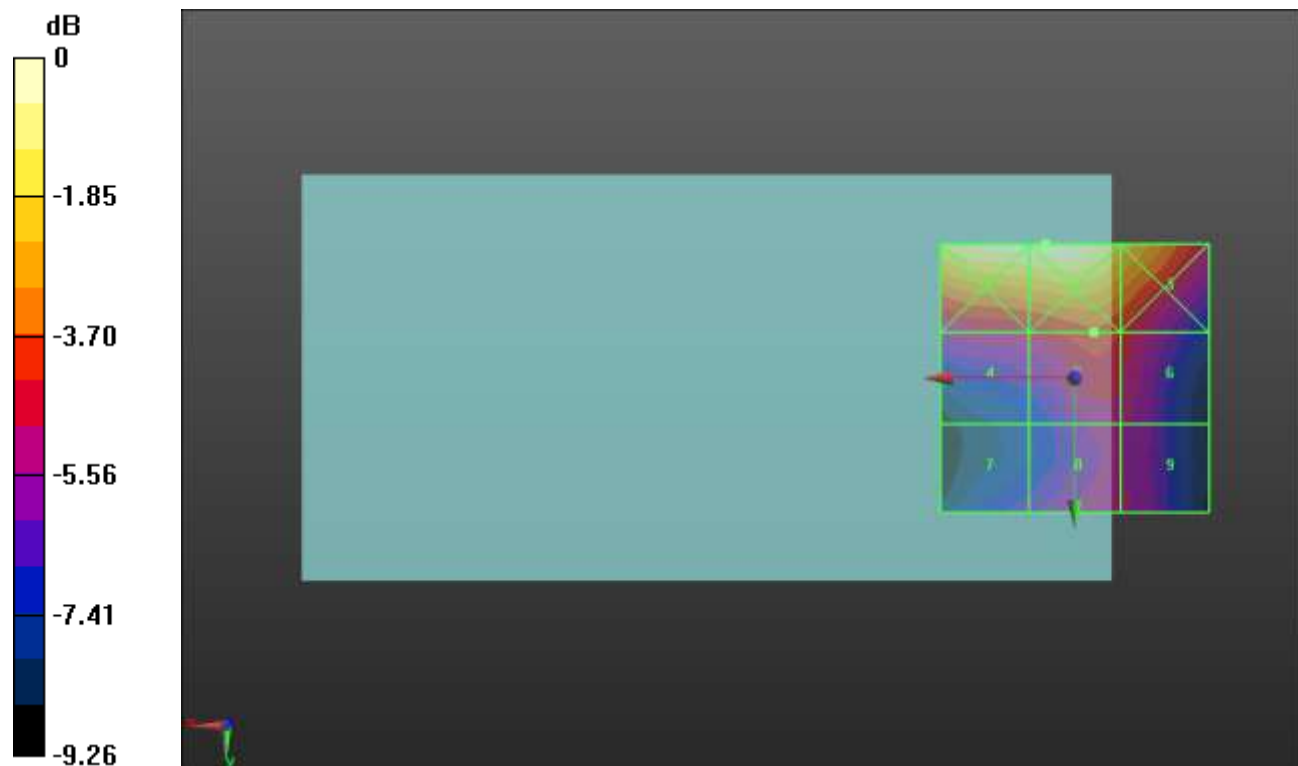
Applied MIF = 3.63 dB

RF audio interference level = 29.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.26 dBV/m	Grid 2 M3 33.31 dBV/m	Grid 3 M3 32 dBV/m
Grid 4 M4 28.59 dBV/m	Grid 5 M4 29.47 dBV/m	Grid 6 M4 29.01 dBV/m
Grid 7 M4 27.09 dBV/m	Grid 8 M4 28.15 dBV/m	Grid 9 M4 27.98 dBV/m



0 dB = 46.31 V/m = 33.31 dBV/m

HAC-RF Emission ANT 2

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 26.64 V/m; Power Drift = -0.04 dB

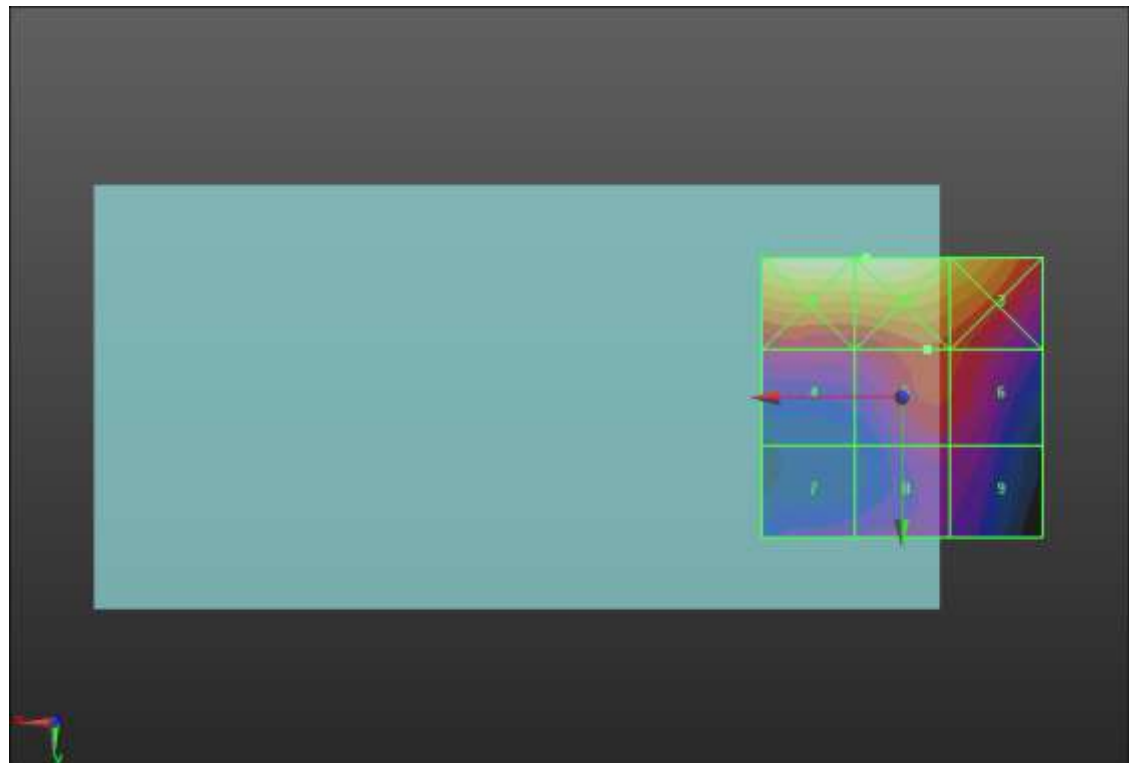
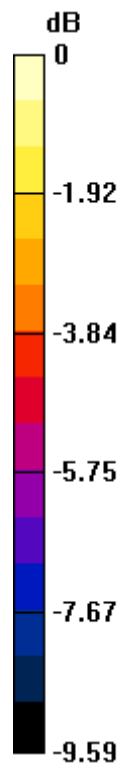
Applied MIF = 3.63 dB

RF audio interference level = 29.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.22 dBV/m	Grid 2 M3 33.25 dBV/m	Grid 3 M3 31.98 dBV/m
Grid 4 M4 28.28 dBV/m	Grid 5 M4 29.32 dBV/m	Grid 6 M4 29.12 dBV/m
Grid 7 M4 26.9 dBV/m	Grid 8 M4 27.88 dBV/m	Grid 9 M4 27.81 dBV/m



0 dB = 45.98 V/m = 33.25 dBV/m

HAC-RF Emission ANT 2

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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 27.43 V/m; Power Drift = -0.08 dB

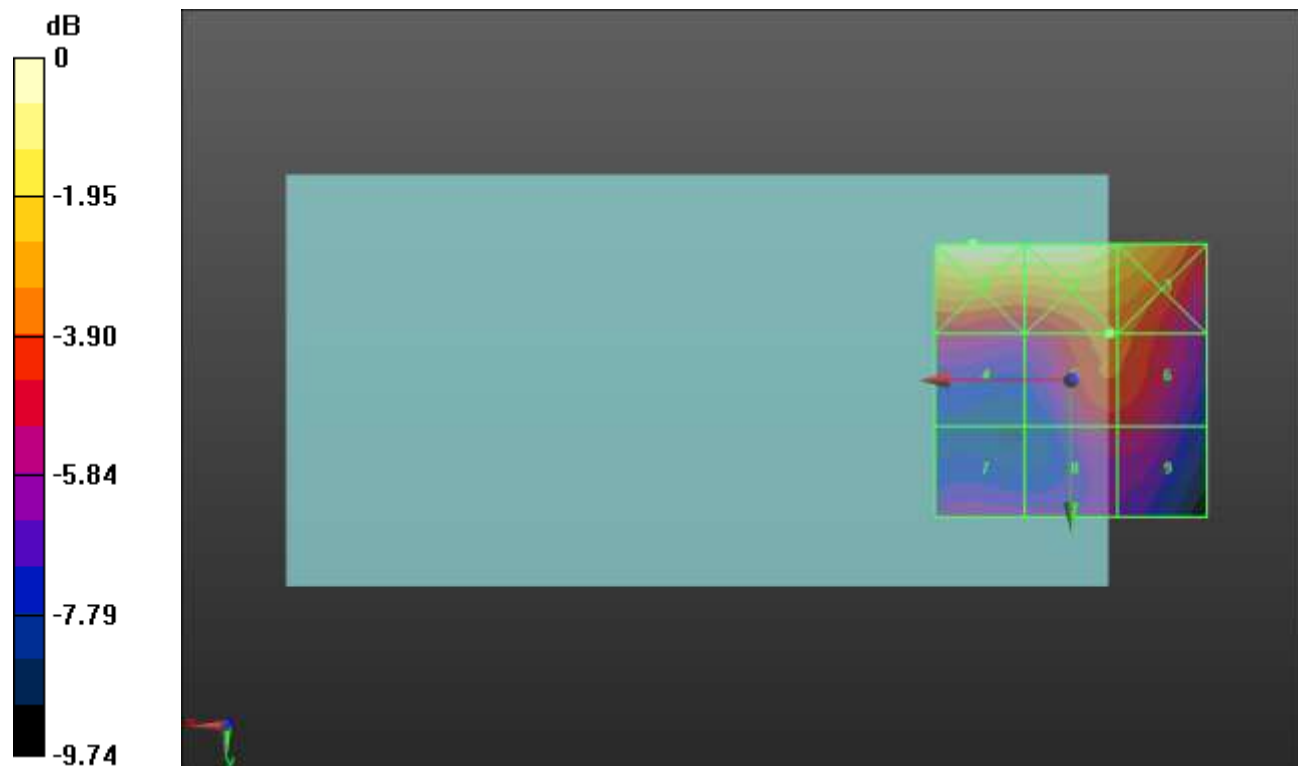
Applied MIF = 3.63 dB

RF audio interference level = 29.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.22 dBV/m	Grid 2 M3 33.13 dBV/m	Grid 3 M3 31.98 dBV/m
Grid 4 M4 28.22 dBV/m	Grid 5 M4 29.58 dBV/m	Grid 6 M4 29.55 dBV/m
Grid 7 M4 27.47 dBV/m	Grid 8 M4 28.23 dBV/m	Grid 9 M4 28.22 dBV/m



0 dB = 45.82 V/m = 33.22 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 1013/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 46.01 V/m; Power Drift = -0.03 dB

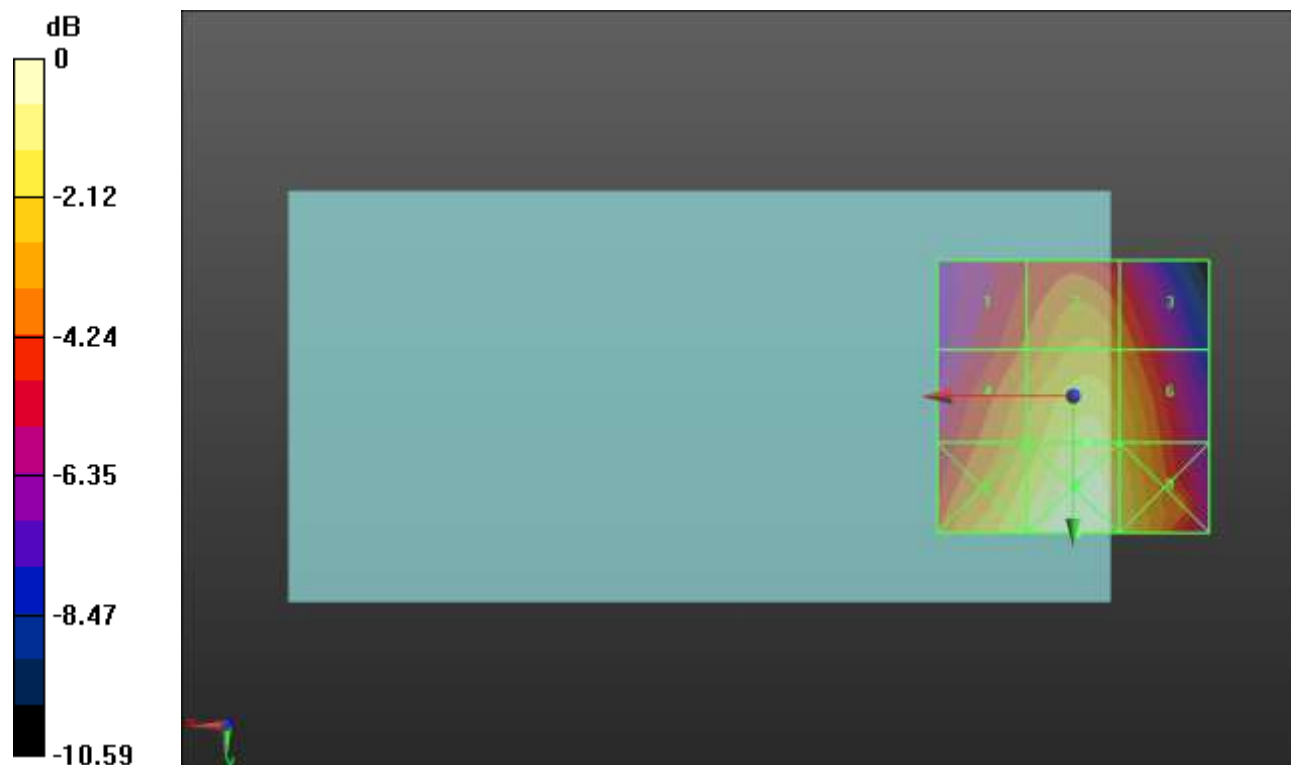
Applied MIF = 3.26 dB

RF audio interference level = 33.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.76 dBV/m	Grid 2 M4 32.17 dBV/m	Grid 3 M4 31.36 dBV/m
Grid 4 M4 32.15 dBV/m	Grid 5 M4 33.76 dBV/m	Grid 6 M4 32.81 dBV/m
Grid 7 M4 33.63 dBV/m	Grid 8 M4 34.75 dBV/m	Grid 9 M4 33.48 dBV/m



0 dB = 54.63 V/m = 34.75 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 384/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 43.50 V/m; Power Drift = -0.01 dB

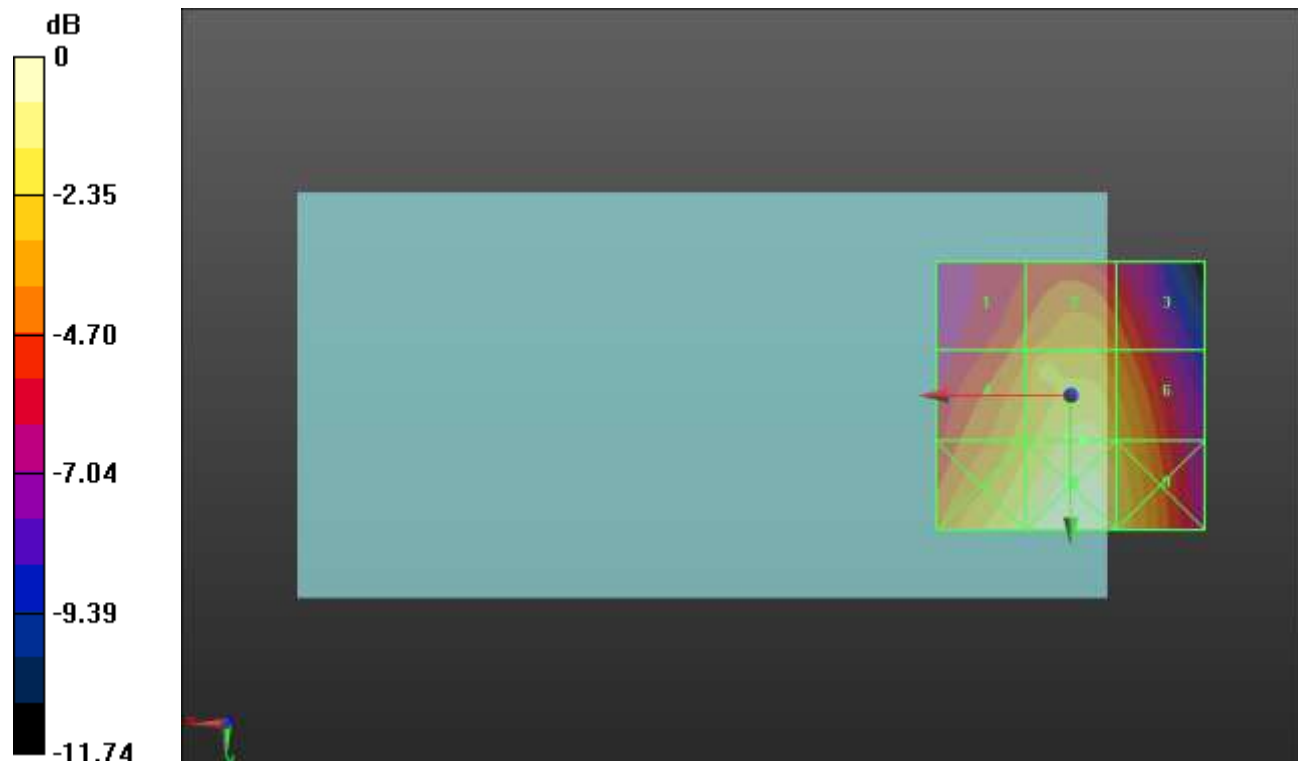
Applied MIF = 3.26 dB

RF audio interference level = 33.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.26 dBV/m	Grid 2 M4 31.41 dBV/m	Grid 3 M4 30.5 dBV/m
Grid 4 M4 31.81 dBV/m	Grid 5 M4 33.23 dBV/m	Grid 6 M4 32.23 dBV/m
Grid 7 M4 33.39 dBV/m	Grid 8 M4 34.42 dBV/m	Grid 9 M4 33.01 dBV/m



0 dB = 52.61 V/m = 34.42 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 777/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 40.31 V/m; Power Drift = -0.09 dB

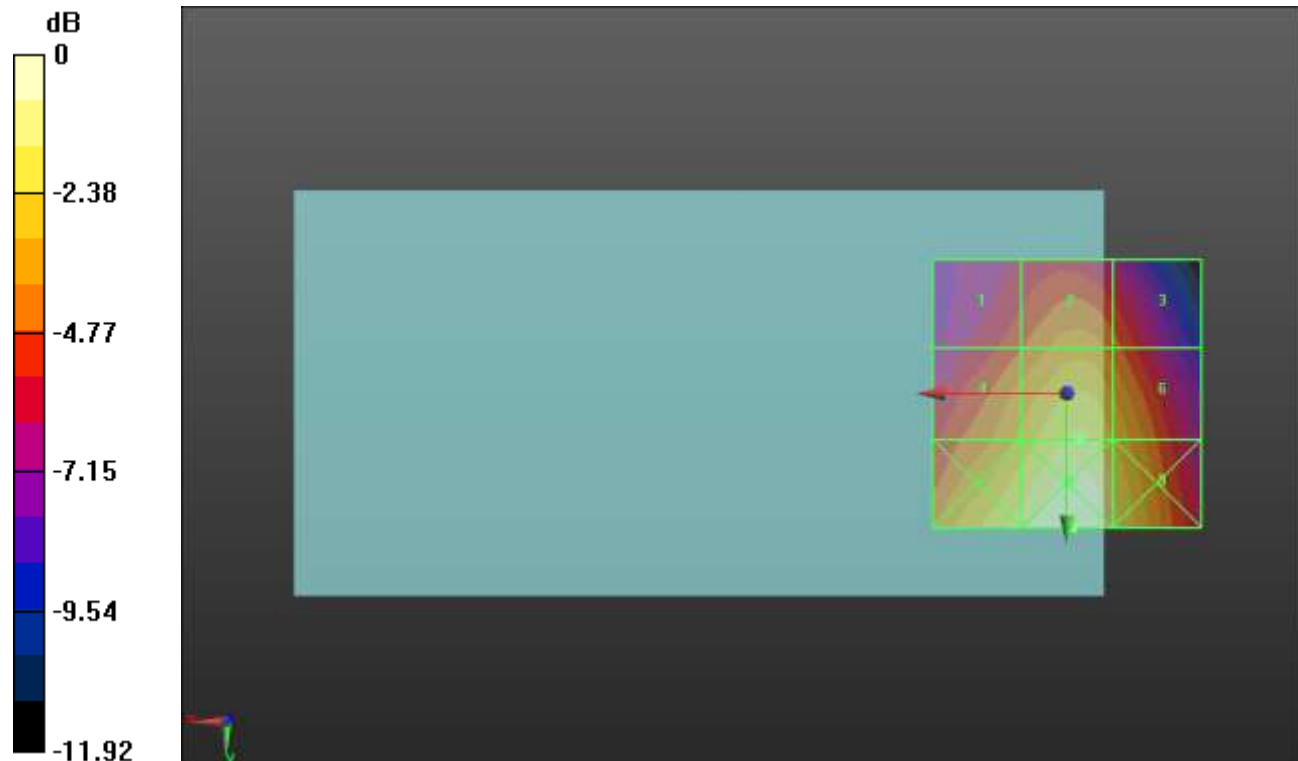
Applied MIF = 3.26 dB

RF audio interference level = 32.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.32 dBV/m	Grid 2 M4 30.63 dBV/m	Grid 3 M4 29.8 dBV/m
Grid 4 M4 31.2 dBV/m	Grid 5 M4 32.73 dBV/m	Grid 6 M4 31.83 dBV/m
Grid 7 M4 33.01 dBV/m	Grid 8 M4 34.11 dBV/m	Grid 9 M4 32.89 dBV/m



0 dB = 50.78 V/m = 34.11 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 25/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.32 V/m; Power Drift = -0.05 dB

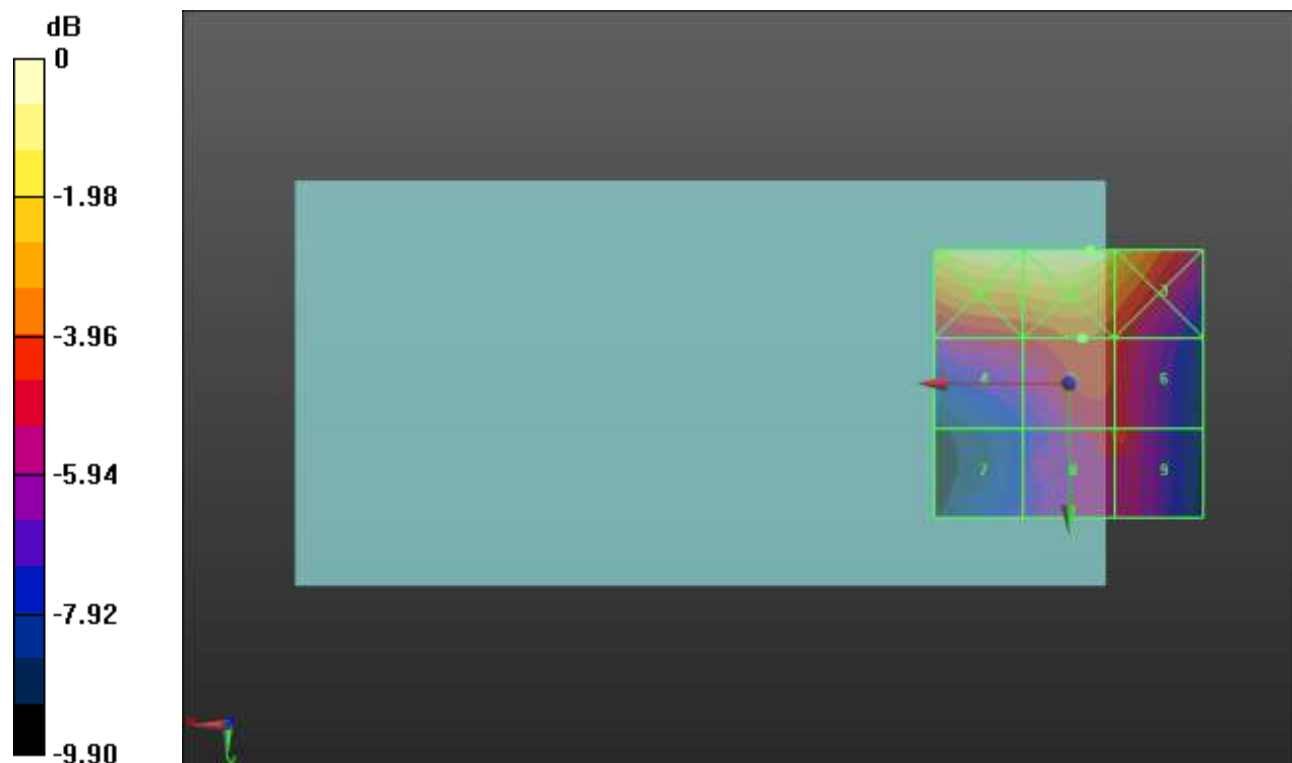
Applied MIF = 3.26 dB

RF audio interference level = 28.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 32.02 dBV/m	Grid 2 M3 32.31 dBV/m	Grid 3 M3 30.67 dBV/m
Grid 4 M4 27.62 dBV/m	Grid 5 M4 28.43 dBV/m	Grid 6 M4 27.89 dBV/m
Grid 7 M4 25.5 dBV/m	Grid 8 M4 27.89 dBV/m	Grid 9 M4 27.97 dBV/m



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

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 600/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.25 V/m; Power Drift = 0.15 dB

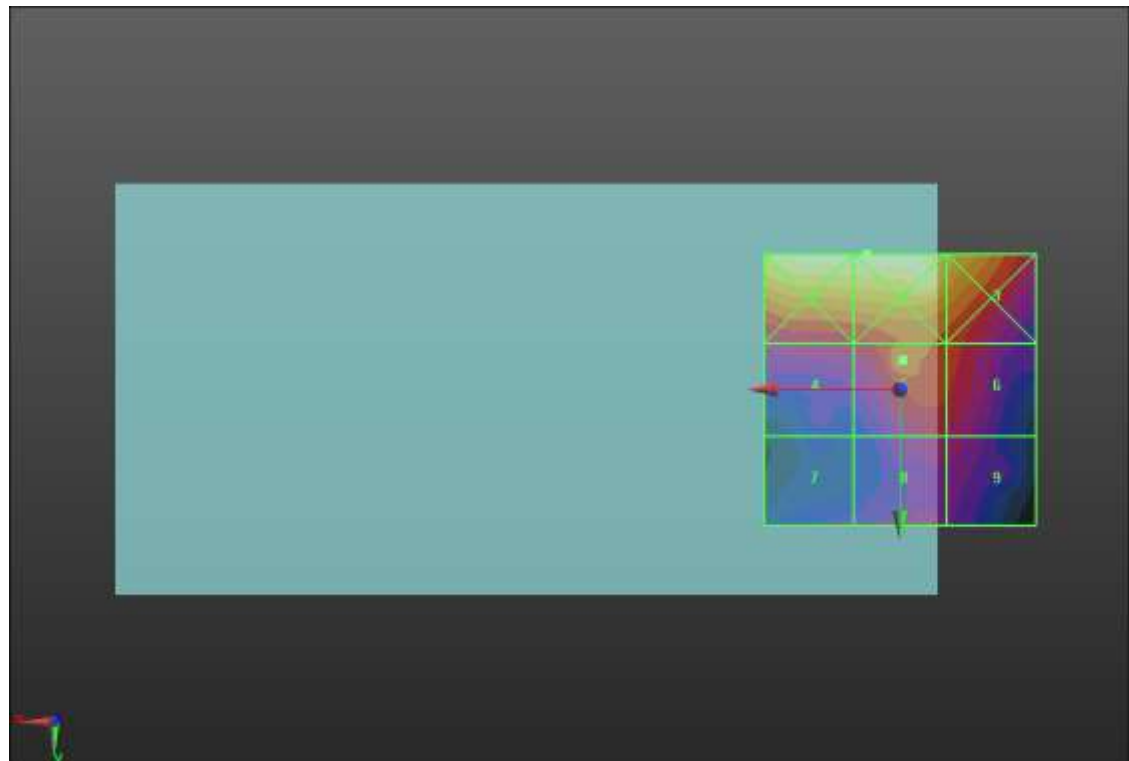
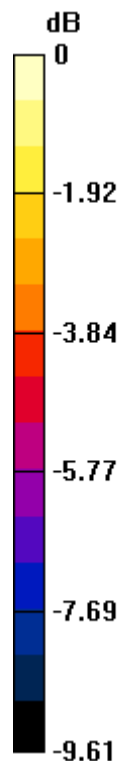
Applied MIF = 3.26 dB

RF audio interference level = 28.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 31.56 dBV/m	Grid 2 M3 31.63 dBV/m	Grid 3 M3 30.17 dBV/m
Grid 4 M4 26.84 dBV/m	Grid 5 M4 28.42 dBV/m	Grid 6 M4 27.57 dBV/m
Grid 7 M4 25.1 dBV/m	Grid 8 M4 26.74 dBV/m	Grid 9 M4 26.4 dBV/m



0 dB = 38.13 V/m = 31.63 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 1175/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.58 V/m; Power Drift = 0.00 dB

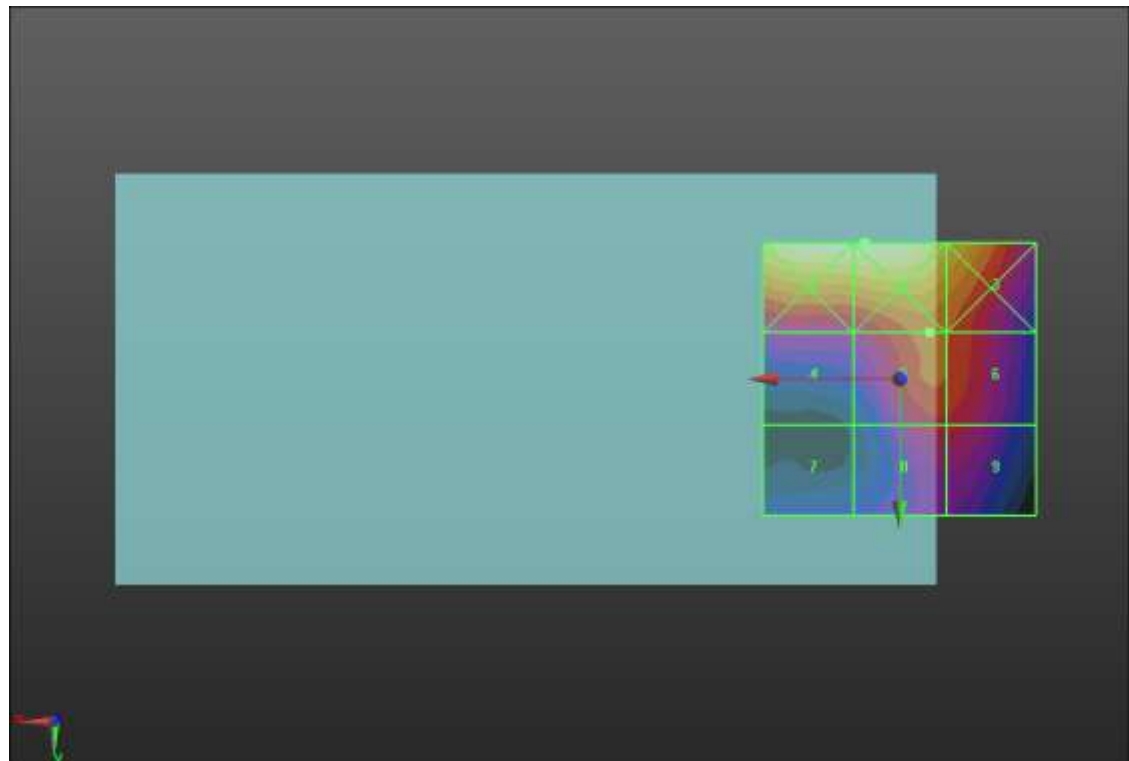
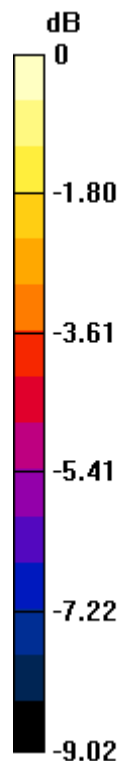
Applied MIF = 3.26 dB

RF audio interference level = 28.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 31.44 dBV/m	Grid 2 M3 31.46 dBV/m	Grid 3 M4 29.99 dBV/m
Grid 4 M4 26.45 dBV/m	Grid 5 M4 28.08 dBV/m	Grid 6 M4 27.93 dBV/m
Grid 7 M4 24.74 dBV/m	Grid 8 M4 27.07 dBV/m	Grid 9 M4 27.07 dBV/m



0 dB = 37.40 V/m = 31.46 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC10 E-Field measurement/RC1_SO3_ch 450/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 45.20 V/m; Power Drift = -0.01 dB

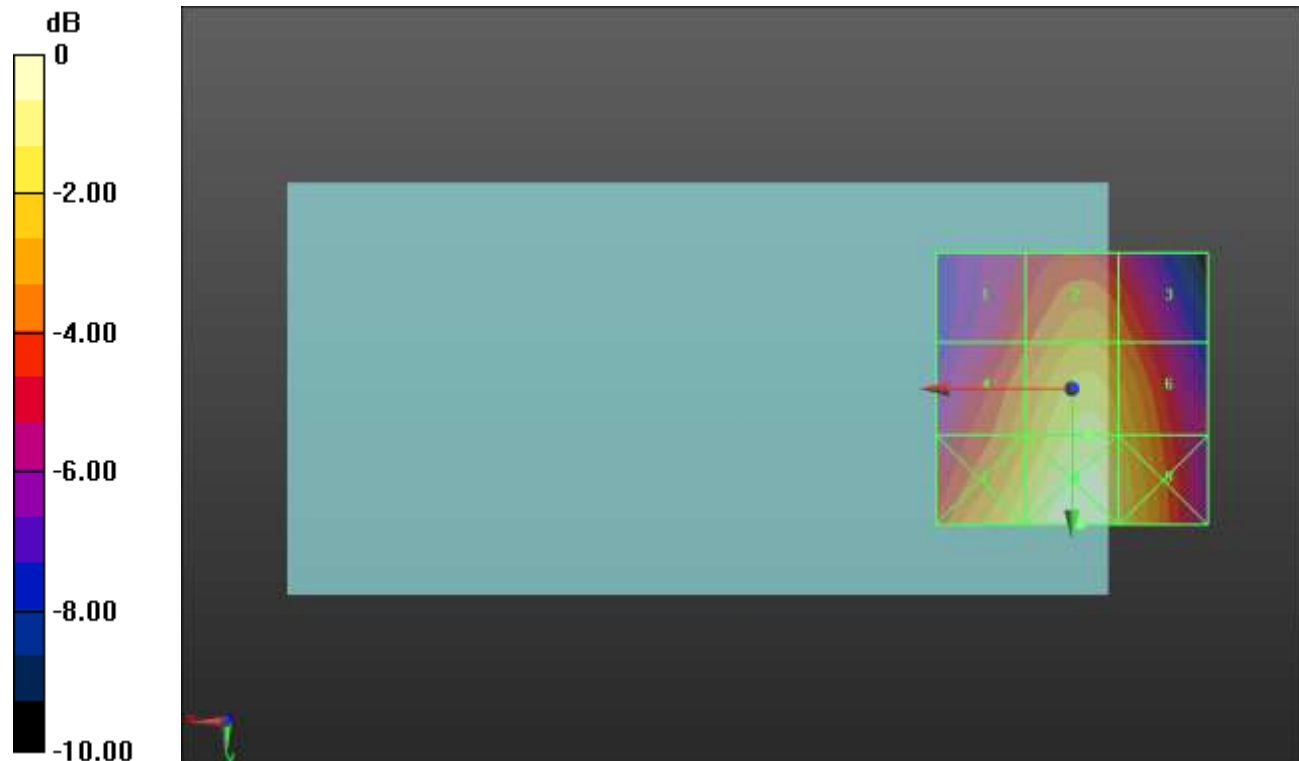
Applied MIF = 3.26 dB

RF audio interference level = 33.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.52 dBV/m	Grid 2 M4 32.03 dBV/m	Grid 3 M4 31.35 dBV/m
Grid 4 M4 31.92 dBV/m	Grid 5 M4 33.64 dBV/m	Grid 6 M4 32.88 dBV/m
Grid 7 M4 33.42 dBV/m	Grid 8 M4 34.65 dBV/m	Grid 9 M4 33.57 dBV/m



0 dB = 54.04 V/m = 34.65 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

CDMA BC10 E-Field measurement/RC1_SO3_ch 560/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 45.35 V/m; Power Drift = 0.02 dB

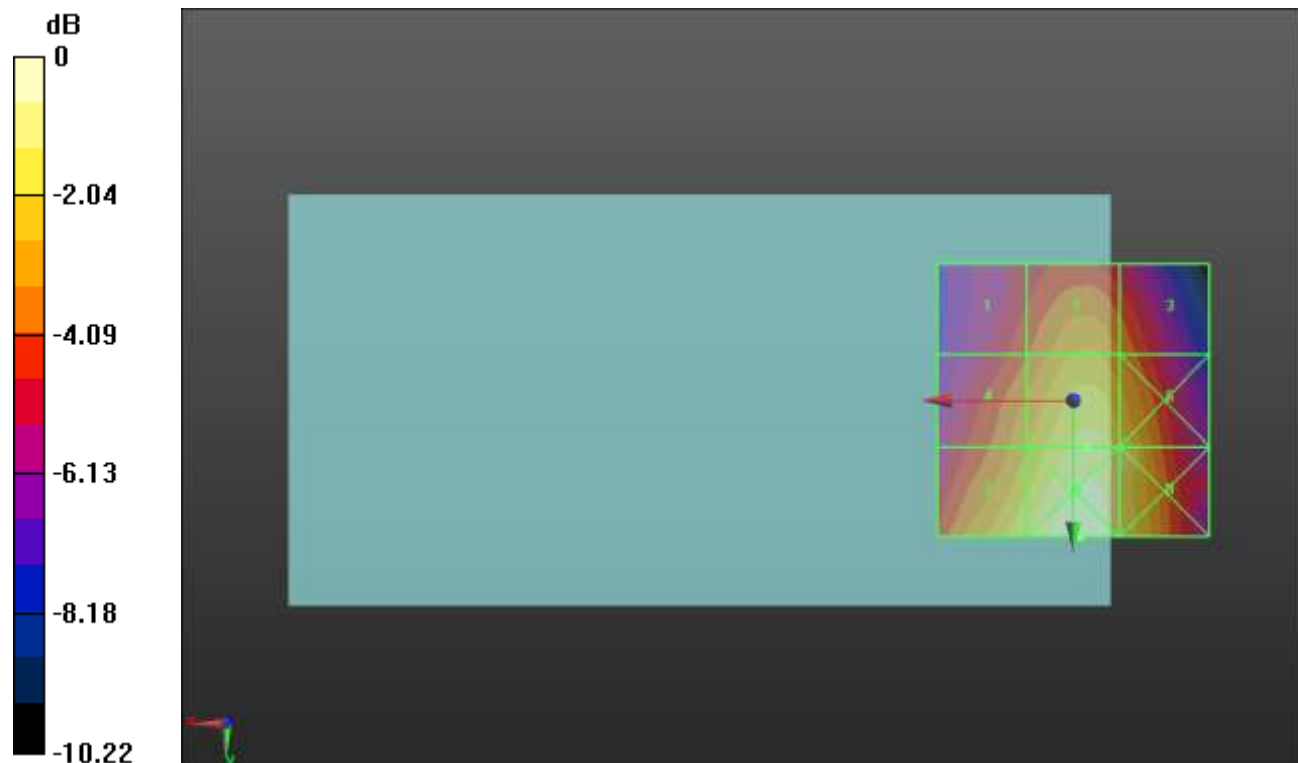
Applied MIF = 3.26 dB

RF audio interference level = 33.65 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.65 dBV/m	Grid 2 M4 32.15 dBV/m	Grid 3 M4 31.41 dBV/m
Grid 4 M4 32.04 dBV/m	Grid 5 M4 33.65 dBV/m	Grid 6 M4 33.58 dBV/m
Grid 7 M4 33.45 dBV/m	Grid 8 M4 34.75 dBV/m	Grid 9 M4 33.89 dBV/m



0 dB = 54.66 V/m = 34.75 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC10 E-Field measurement/RC1_SO3_ch 670/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 46.26 V/m; Power Drift = -0.05 dB

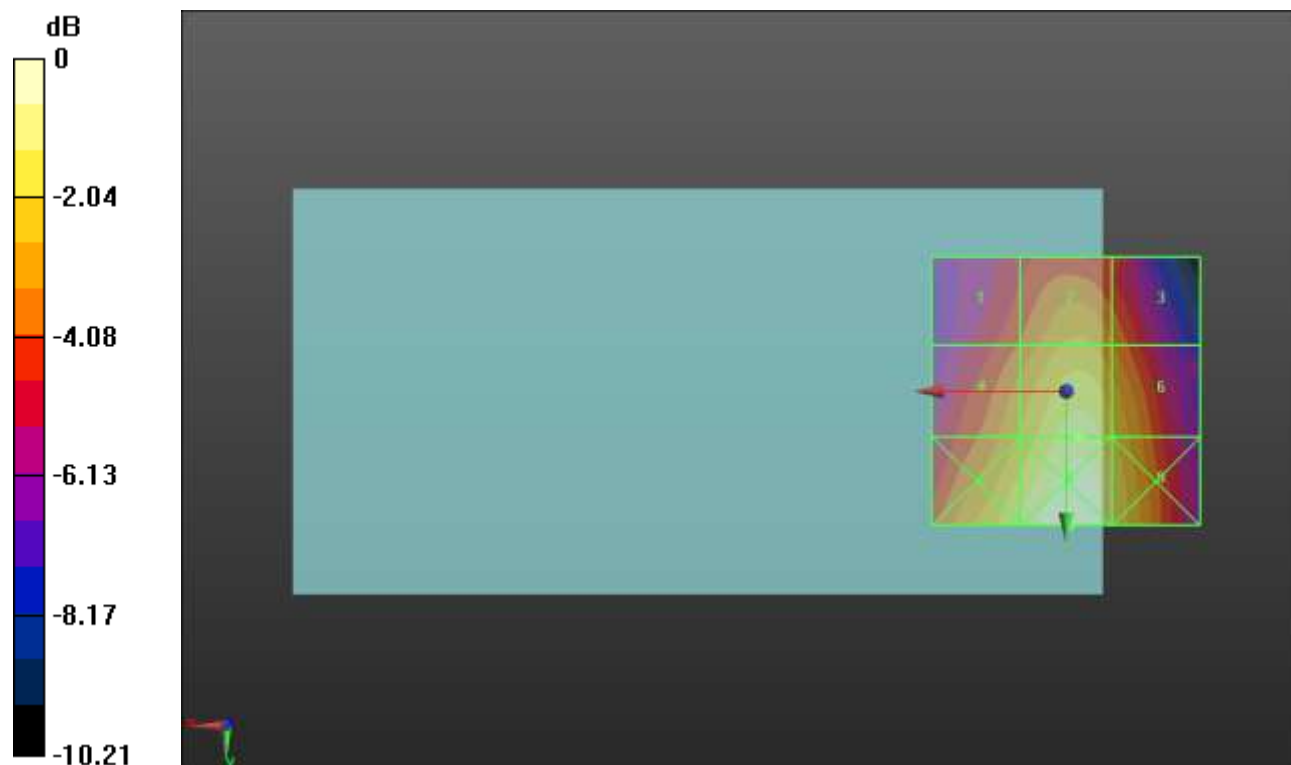
Applied MIF = 3.26 dB

RF audio interference level = 33.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.8 dBV/m	Grid 2 M4 32.22 dBV/m	Grid 3 M4 31.48 dBV/m
Grid 4 M4 32.16 dBV/m	Grid 5 M4 33.8 dBV/m	Grid 6 M4 32.92 dBV/m
Grid 7 M4 33.56 dBV/m	Grid 8 M4 34.74 dBV/m	Grid 9 M4 33.56 dBV/m



0 dB = 54.61 V/m = 34.75 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 67.24 V/m; Power Drift = -0.02 dB

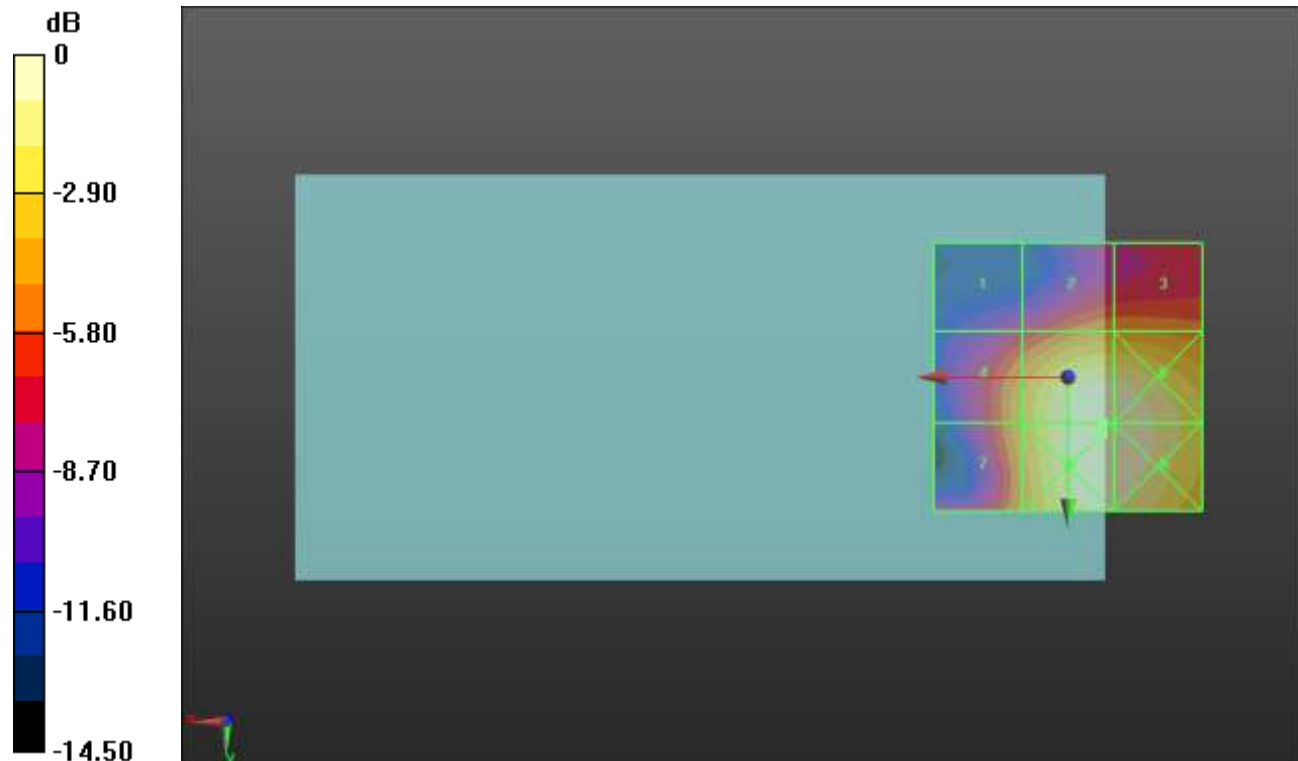
Applied MIF = -1.44 dB

RF audio interference level = 32.36 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 24.7 dBV/m	Grid 2 M4 27.67 dBV/m	Grid 3 M4 27.68 dBV/m
Grid 4 M4 28.72 dBV/m	Grid 5 M3 32.36 dBV/m	Grid 6 M3 32.3 dBV/m
Grid 7 M4 28.69 dBV/m	Grid 8 M3 32.39 dBV/m	Grid 9 M3 32.33 dBV/m



0 dB = 41.65 V/m = 32.39 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 55.70 V/m; Power Drift = 0.00 dB

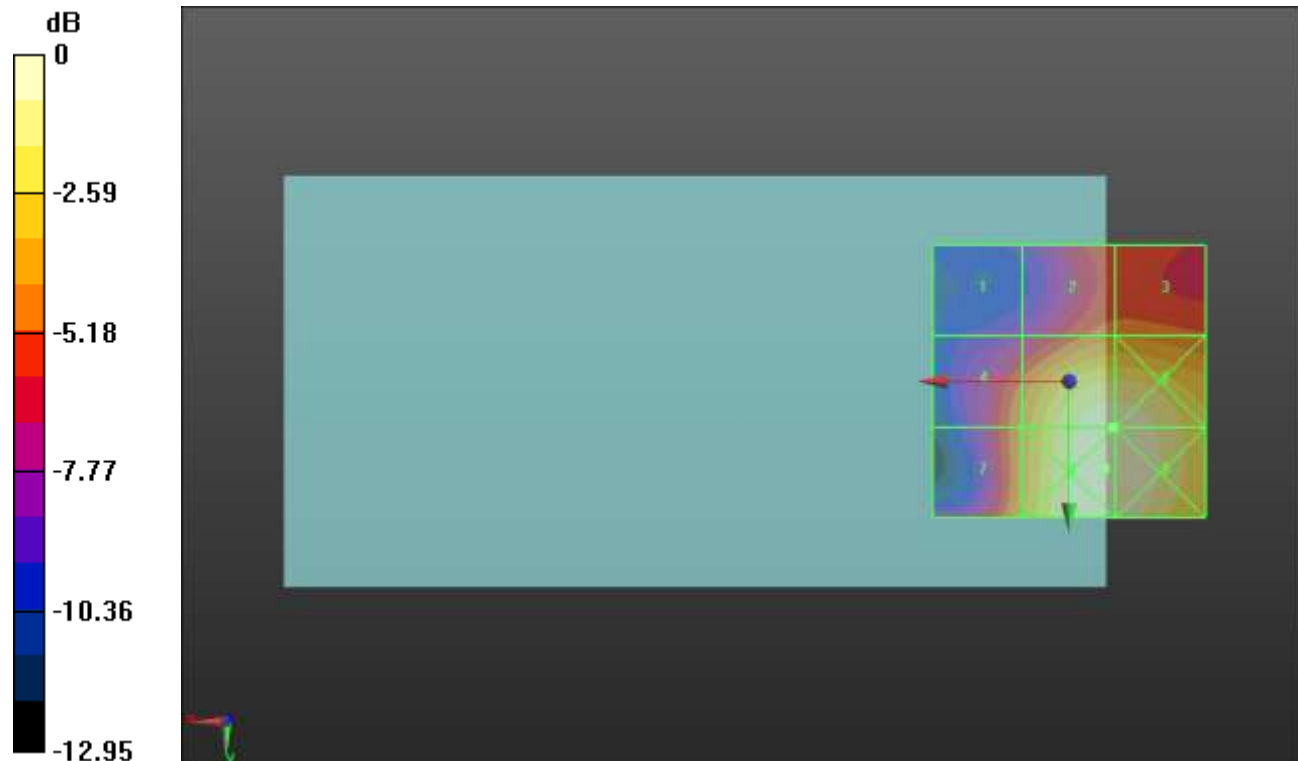
Applied MIF = -1.44 dB

RF audio interference level = 31.62 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 24.02 dBV/m	Grid 2 M4 27.36 dBV/m	Grid 3 M4 27.41 dBV/m
Grid 4 M4 27.98 dBV/m	Grid 5 M3 31.62 dBV/m	Grid 6 M3 31.62 dBV/m
Grid 7 M4 28.58 dBV/m	Grid 8 M3 31.92 dBV/m	Grid 9 M3 31.88 dBV/m



0 dB = 39.46 V/m = 31.92 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 44.57 V/m; Power Drift = -0.11 dB

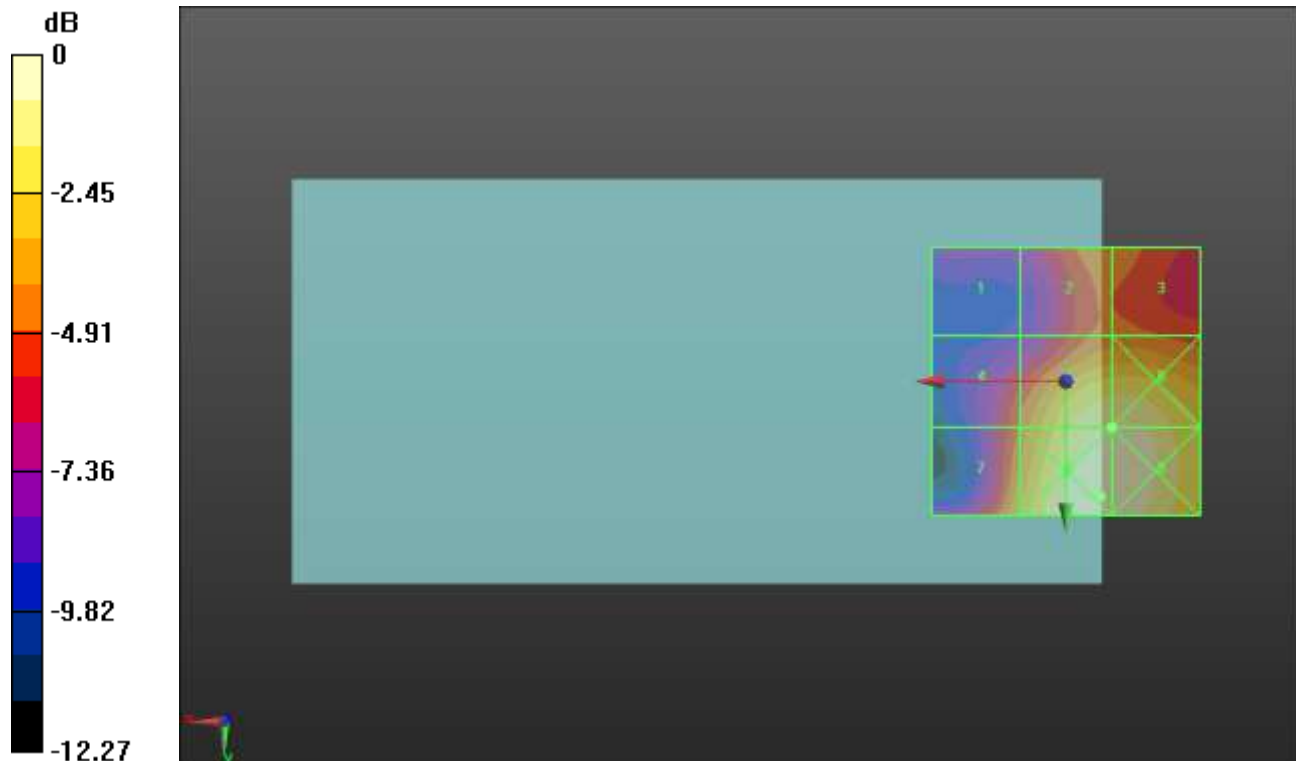
Applied MIF = -1.44 dB

RF audio interference level = 30.52 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 24.12 dBV/m	Grid 2 M4 26.95 dBV/m	Grid 3 M4 26.95 dBV/m
Grid 4 M4 26.59 dBV/m	Grid 5 M3 30.52 dBV/m	Grid 6 M3 30.55 dBV/m
Grid 7 M4 28.35 dBV/m	Grid 8 M3 31.26 dBV/m	Grid 9 M3 31.22 dBV/m



0 dB = 36.57 V/m = 31.26 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 36.92 V/m; Power Drift = 0.14 dB

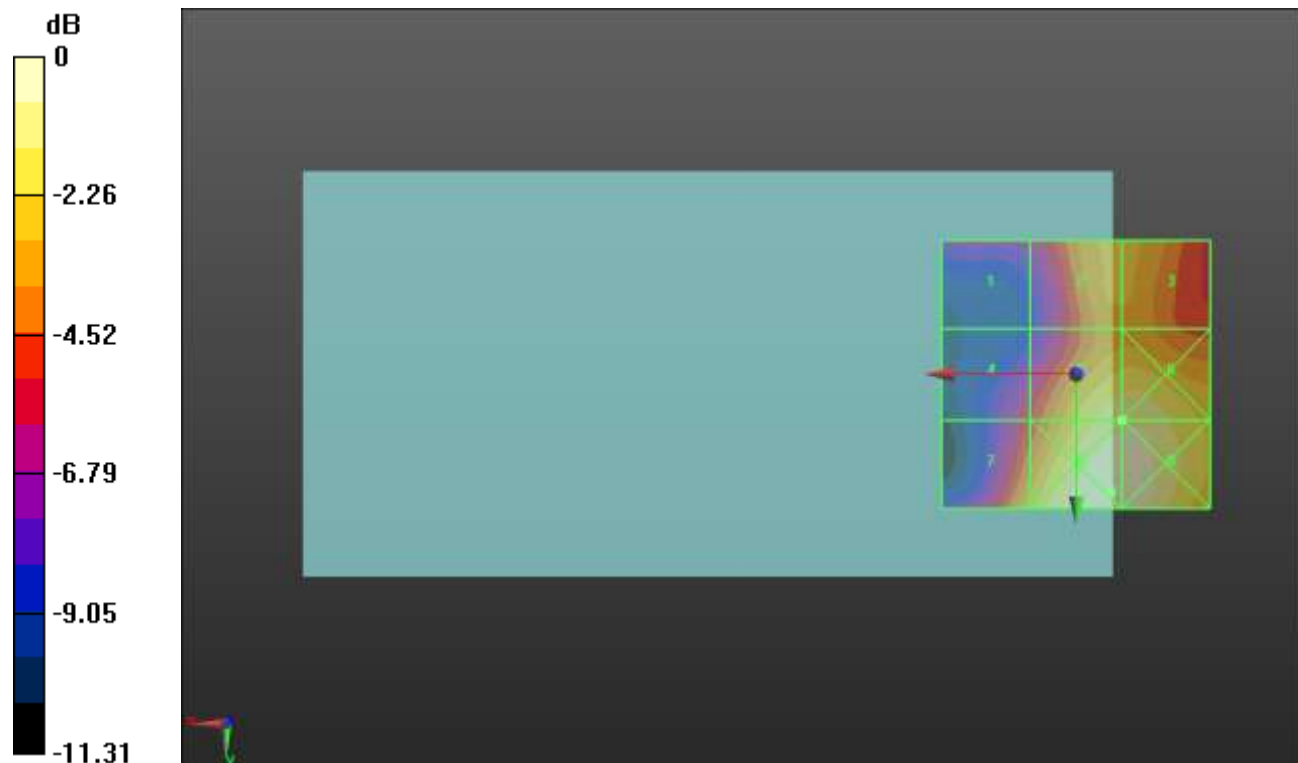
Applied MIF = -1.44 dB

RF audio interference level = 29.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.29 dBV/m	Grid 2 M4 28 dBV/m	Grid 3 M4 27.99 dBV/m
Grid 4 M4 25.54 dBV/m	Grid 5 M4 29.86 dBV/m	Grid 6 M4 29.91 dBV/m
Grid 7 M4 28.32 dBV/m	Grid 8 M3 30.76 dBV/m	Grid 9 M3 30.71 dBV/m



0 dB = 34.52 V/m = 30.76 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 34.94 V/m; Power Drift = 0.26 dB

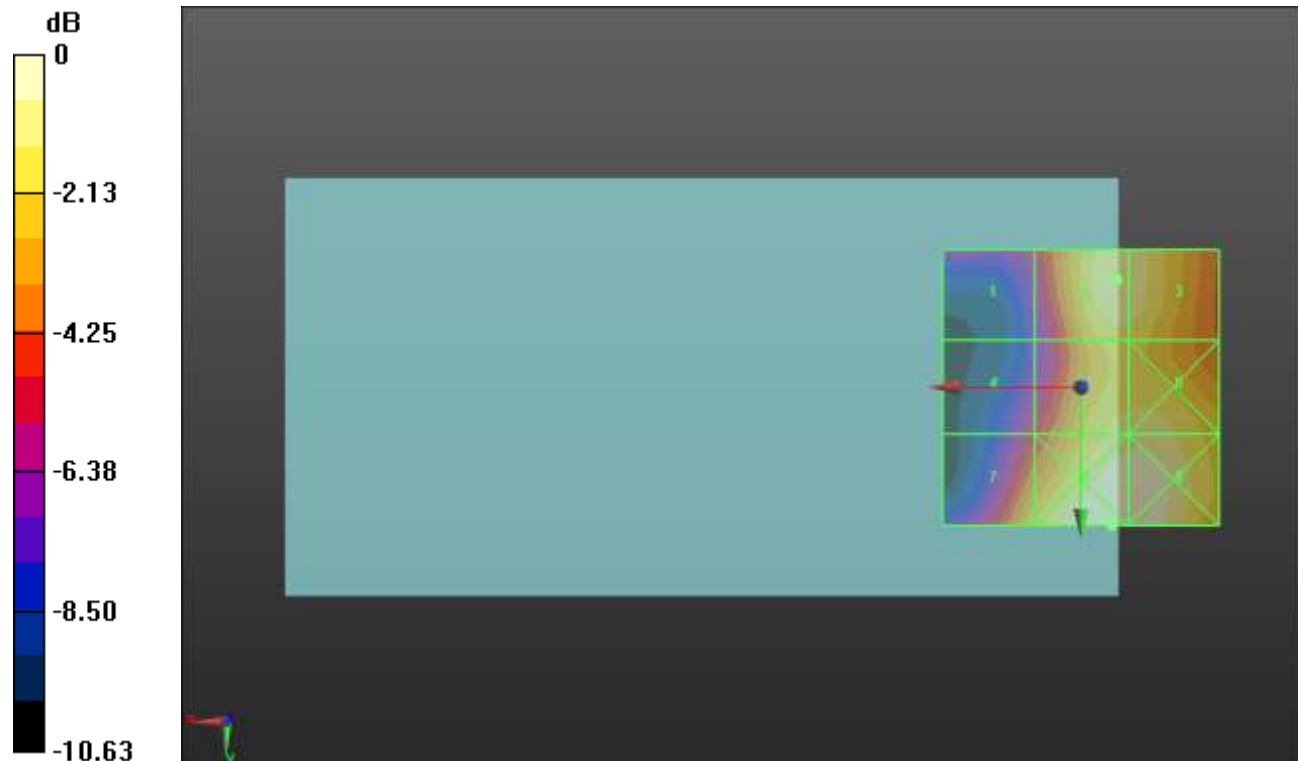
Applied MIF = -1.44 dB

RF audio interference level = 29.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.41 dBV/m	Grid 2 M4 29.15 dBV/m	Grid 3 M4 28.99 dBV/m
Grid 4 M4 24.7 dBV/m	Grid 5 M4 28.87 dBV/m	Grid 6 M4 28.94 dBV/m
Grid 7 M4 27.82 dBV/m	Grid 8 M4 29.87 dBV/m	Grid 9 M4 29.8 dBV/m



0 dB = 31.17 V/m = 29.87 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 54.77 V/m; Power Drift = 0.06 dB

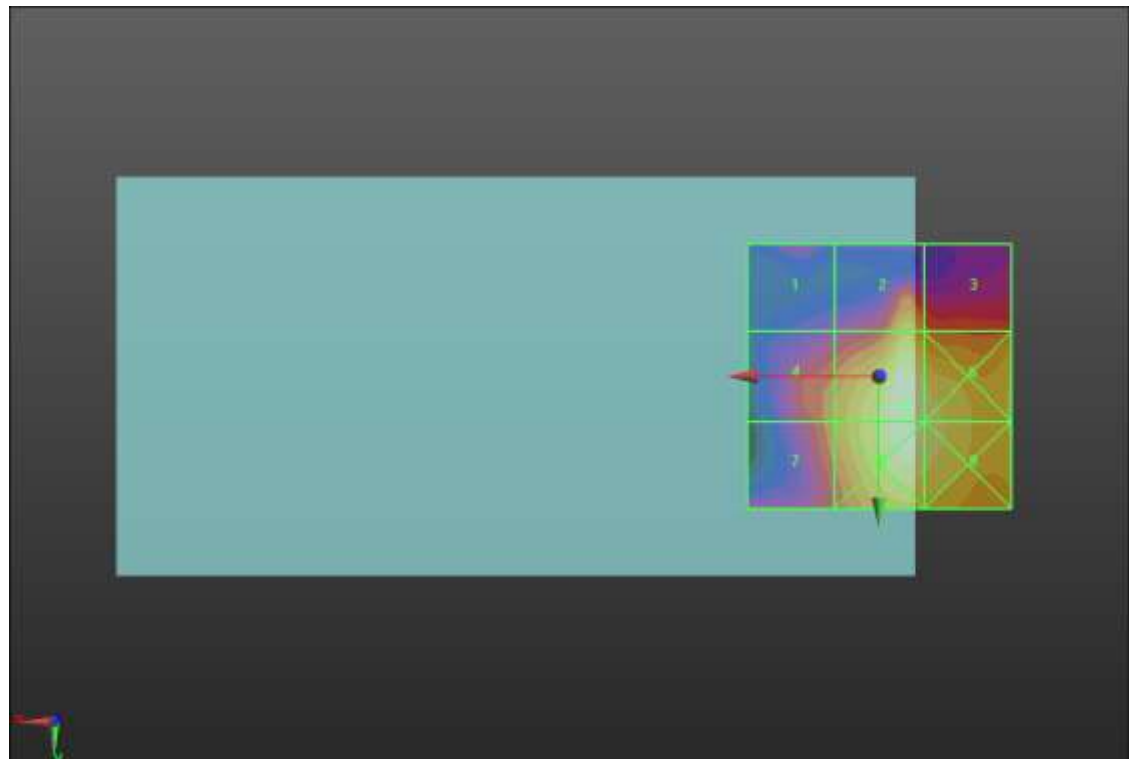
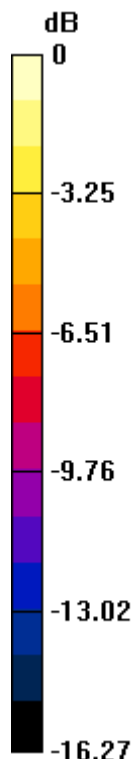
Applied MIF = -2.02 dB

RF audio interference level = 31.78 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 21.93 dBV/m	Grid 2 M4 28.4 dBV/m	Grid 3 M4 26.23 dBV/m
Grid 4 M4 26.36 dBV/m	Grid 5 M3 31.78 dBV/m	Grid 6 M3 30.55 dBV/m
Grid 7 M4 26.36 dBV/m	Grid 8 M3 31.53 dBV/m	Grid 9 M3 30.51 dBV/m



0 dB = 38.81 V/m = 31.78 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 68.50 V/m; Power Drift = -3.34 dB

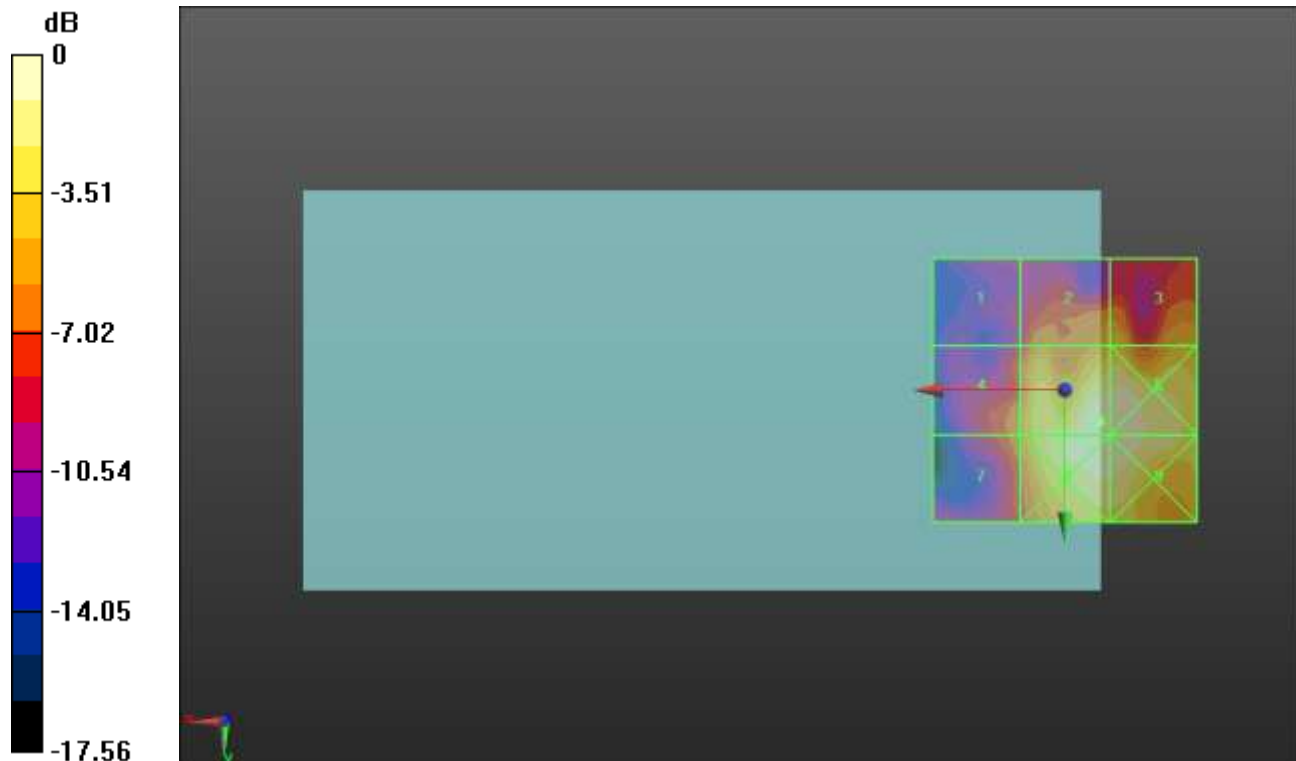
Applied MIF = -2.02 dB

RF audio interference level = 31.34 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 22.13 dBV/m	Grid 2 M4 27.36 dBV/m	Grid 3 M4 27.53 dBV/m
Grid 4 M4 25.97 dBV/m	Grid 5 M3 31.34 dBV/m	Grid 6 M3 31.15 dBV/m
Grid 7 M4 25.8 dBV/m	Grid 8 M3 31.16 dBV/m	Grid 9 M3 31.08 dBV/m



0 dB = 36.89 V/m = 31.34 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 68.63 V/m; Power Drift = -0.15 dB

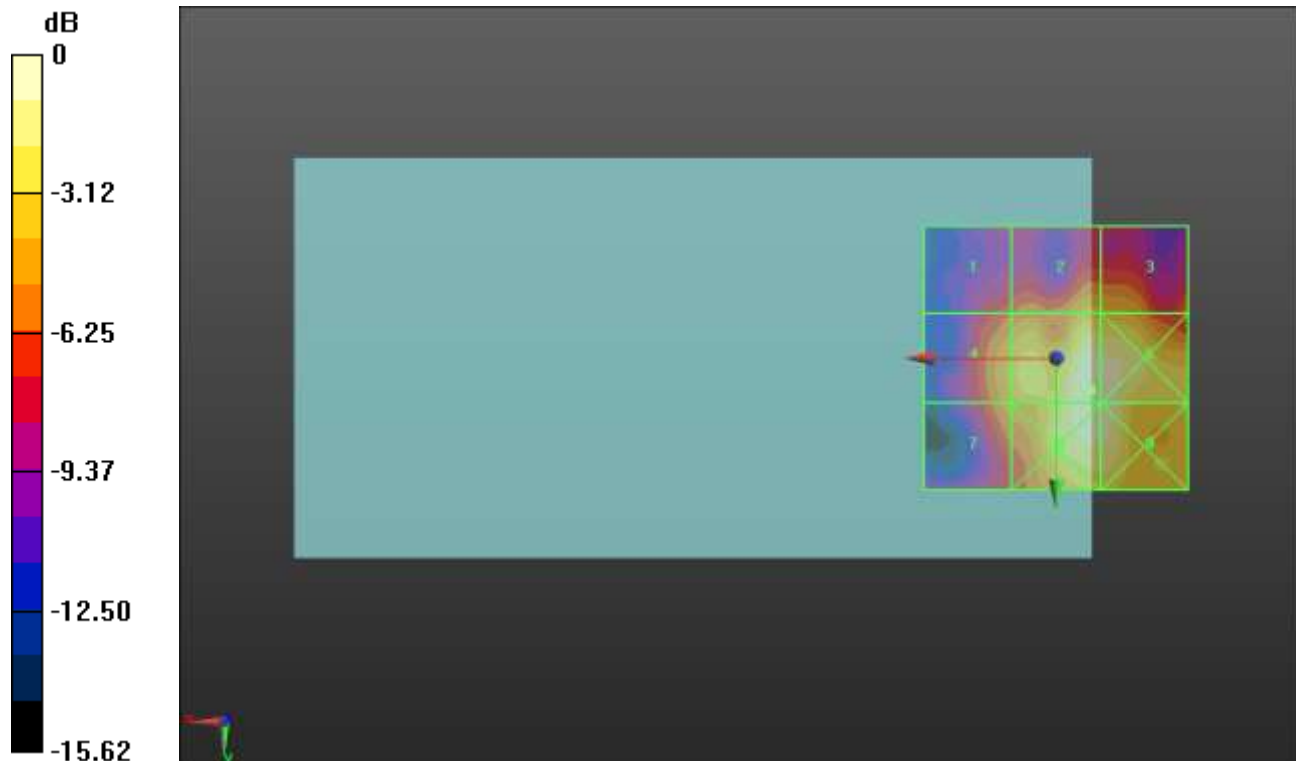
Applied MIF = -2.02 dB

RF audio interference level = 31.29 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 24.99 dBV/m	Grid 2 M4 27.75 dBV/m	Grid 3 M4 27.62 dBV/m
Grid 4 M4 27.69 dBV/m	Grid 5 M3 31.29 dBV/m	Grid 6 M3 31.12 dBV/m
Grid 7 M4 26.83 dBV/m	Grid 8 M3 31.23 dBV/m	Grid 9 M3 31.12 dBV/m



0 dB = 36.70 V/m = 31.29 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 70.63 V/m; Power Drift = -0.34 dB

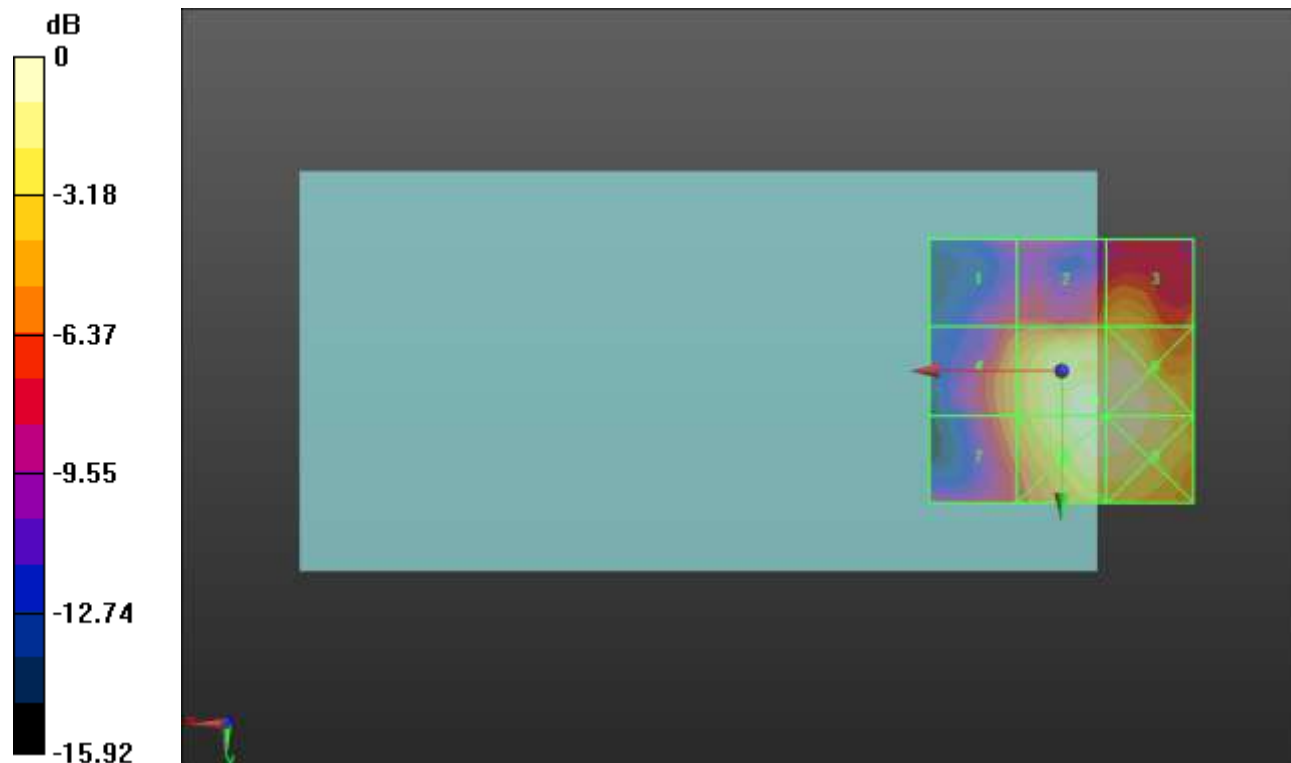
Applied MIF = 0.12 dB

RF audio interference level = 33.40 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.4 dBV/m	Grid 2 M4 29.42 dBV/m	Grid 3 M3 30.39 dBV/m
Grid 4 M4 29.48 dBV/m	Grid 5 M3 33.4 dBV/m	Grid 6 M3 33.31 dBV/m
Grid 7 M4 29.14 dBV/m	Grid 8 M3 33.19 dBV/m	Grid 9 M3 33.19 dBV/m



0 dB = 46.77 V/m = 33.40 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 64.54 V/m; Power Drift = 0.13 dB

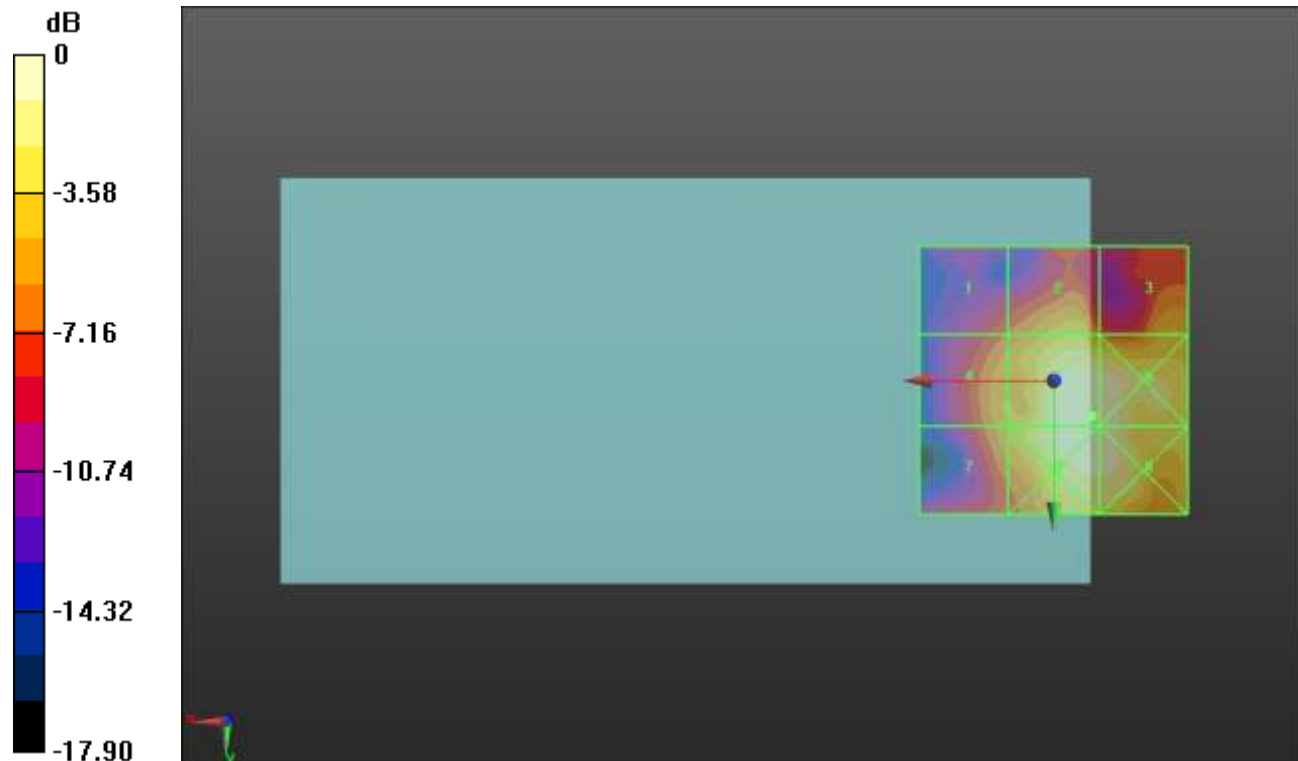
Applied MIF = 0.12 dB

RF audio interference level = 33.05 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.19 dBV/m	Grid 2 M4 29.7 dBV/m	Grid 3 M4 28.61 dBV/m
Grid 4 M4 28.49 dBV/m	Grid 5 M3 33.05 dBV/m	Grid 6 M3 32.98 dBV/m
Grid 7 M4 28.34 dBV/m	Grid 8 M3 32.98 dBV/m	Grid 9 M3 32.93 dBV/m



0 dB = 44.94 V/m = 33.05 dBV/m

HAC-RF Emission ANT 2

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 59.54 V/m; Power Drift = -1.77 dB

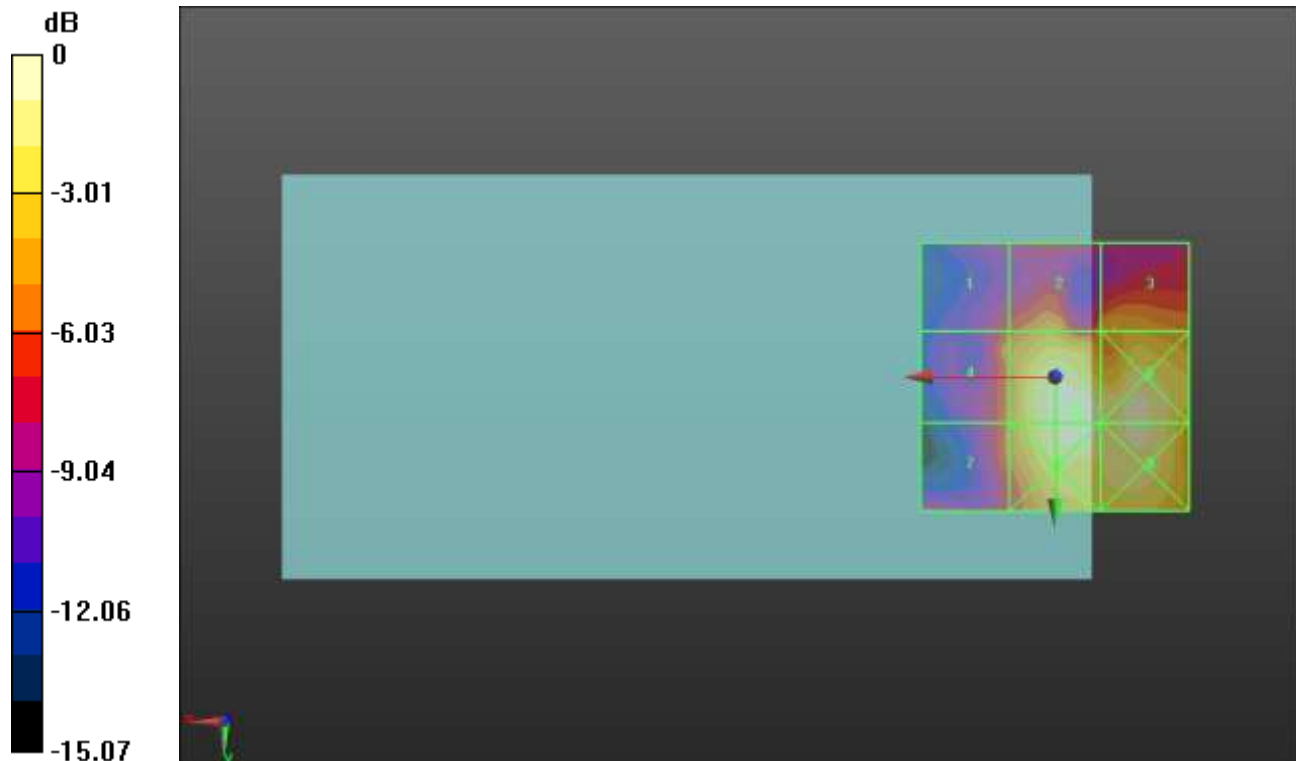
Applied MIF = 0.12 dB

RF audio interference level = 33.06 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.52 dBV/m	Grid 2 M4 28.91 dBV/m	Grid 3 M4 29.15 dBV/m
Grid 4 M4 27.9 dBV/m	Grid 5 M3 33.06 dBV/m	Grid 6 M3 32.37 dBV/m
Grid 7 M4 27.77 dBV/m	Grid 8 M3 32.97 dBV/m	Grid 9 M3 32.33 dBV/m



0 dB = 45.00 V/m = 33.06 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 17.65 V/m; Power Drift = 1.33 dB

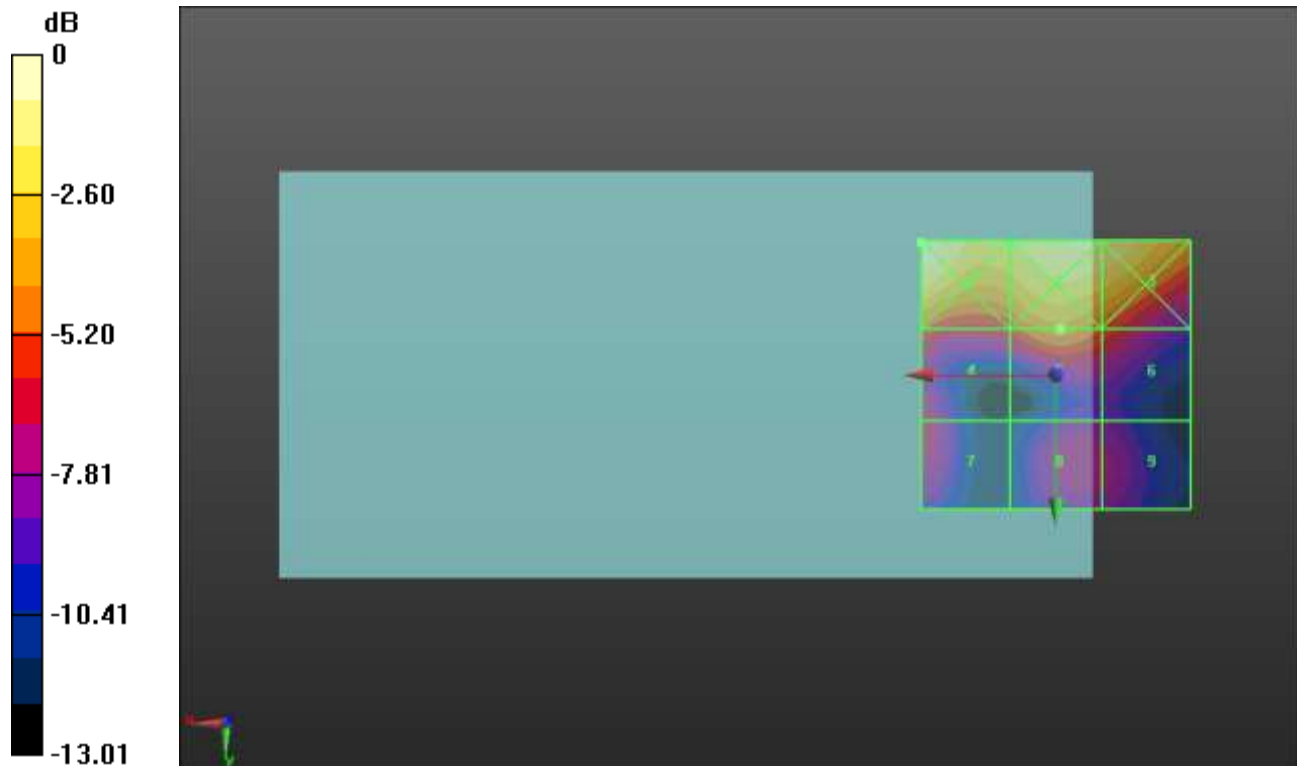
Applied MIF = -3.15 dB

RF audio interference level = 22.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.44 dBV/m	Grid 2 M4 25.75 dBV/m	Grid 3 M4 25.57 dBV/m
Grid 4 M4 21.67 dBV/m	Grid 5 M4 22.55 dBV/m	Grid 6 M4 21.22 dBV/m
Grid 7 M4 19.77 dBV/m	Grid 8 M4 19.23 dBV/m	Grid 9 M4 19.02 dBV/m



0 dB = 21.00 V/m = 26.44 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 19.39 V/m; Power Drift = 1.33 dB

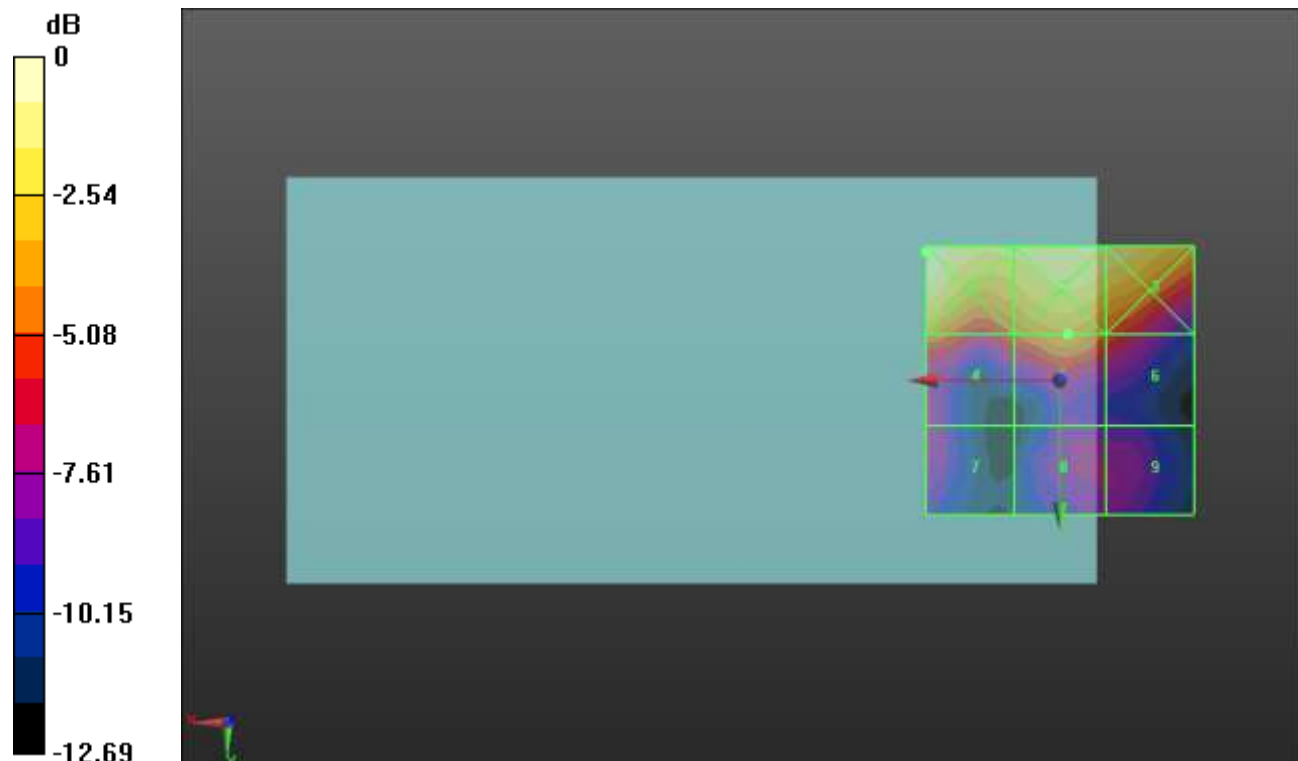
Applied MIF = -3.15 dB

RF audio interference level = 23.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.77 dBV/m	Grid 2 M4 26.03 dBV/m	Grid 3 M4 25.86 dBV/m
Grid 4 M4 22.9 dBV/m	Grid 5 M4 23.2 dBV/m	Grid 6 M4 21.64 dBV/m
Grid 7 M4 19.96 dBV/m	Grid 8 M4 19.64 dBV/m	Grid 9 M4 19.31 dBV/m



0 dB = 21.79 V/m = 26.77 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 21.09 V/m; Power Drift = 0.01 dB

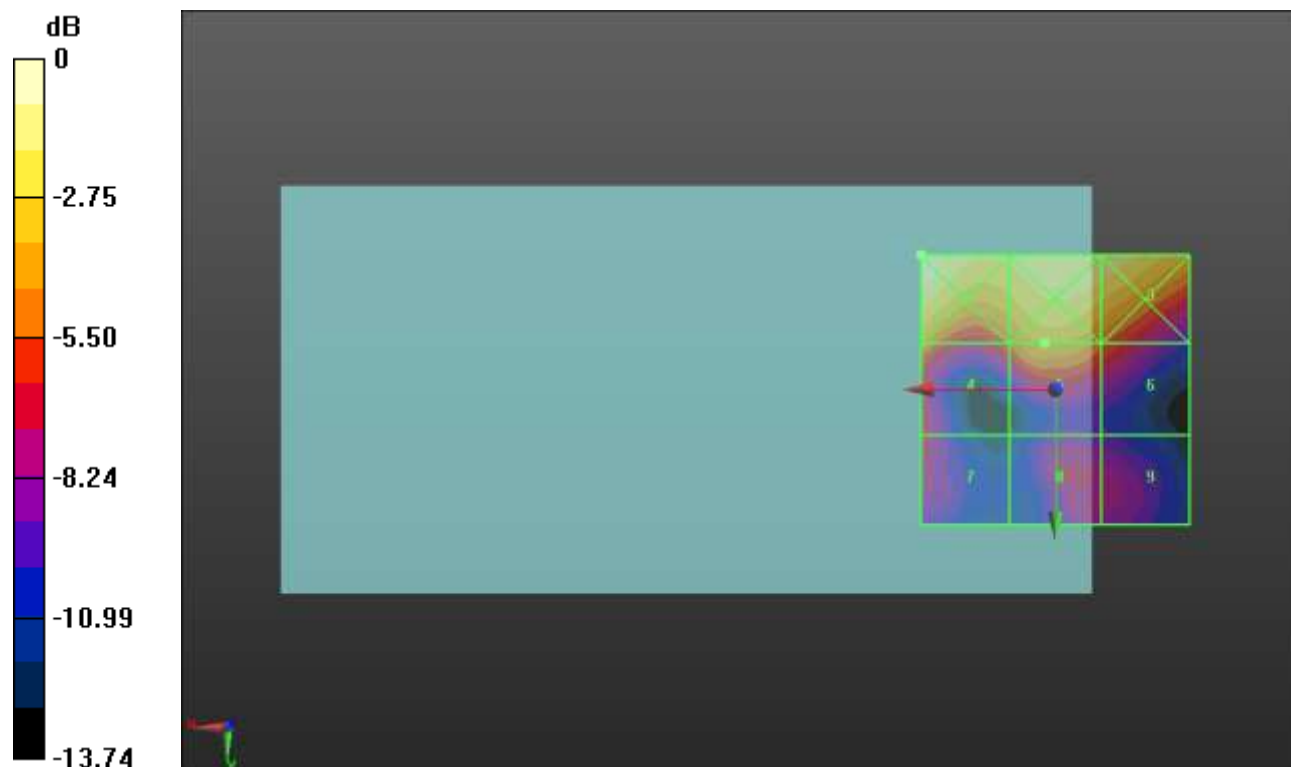
Applied MIF = -3.15 dB

RF audio interference level = 23.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.08 dBV/m	Grid 2 M4 26.15 dBV/m	Grid 3 M4 26.03 dBV/m
Grid 4 M4 23.31 dBV/m	Grid 5 M4 23.51 dBV/m	Grid 6 M4 21.89 dBV/m
Grid 7 M4 20.24 dBV/m	Grid 8 M4 19.9 dBV/m	Grid 9 M4 19.45 dBV/m



0 dB = 22.60 V/m = 27.08 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 23.08 V/m; Power Drift = 0.18 dB

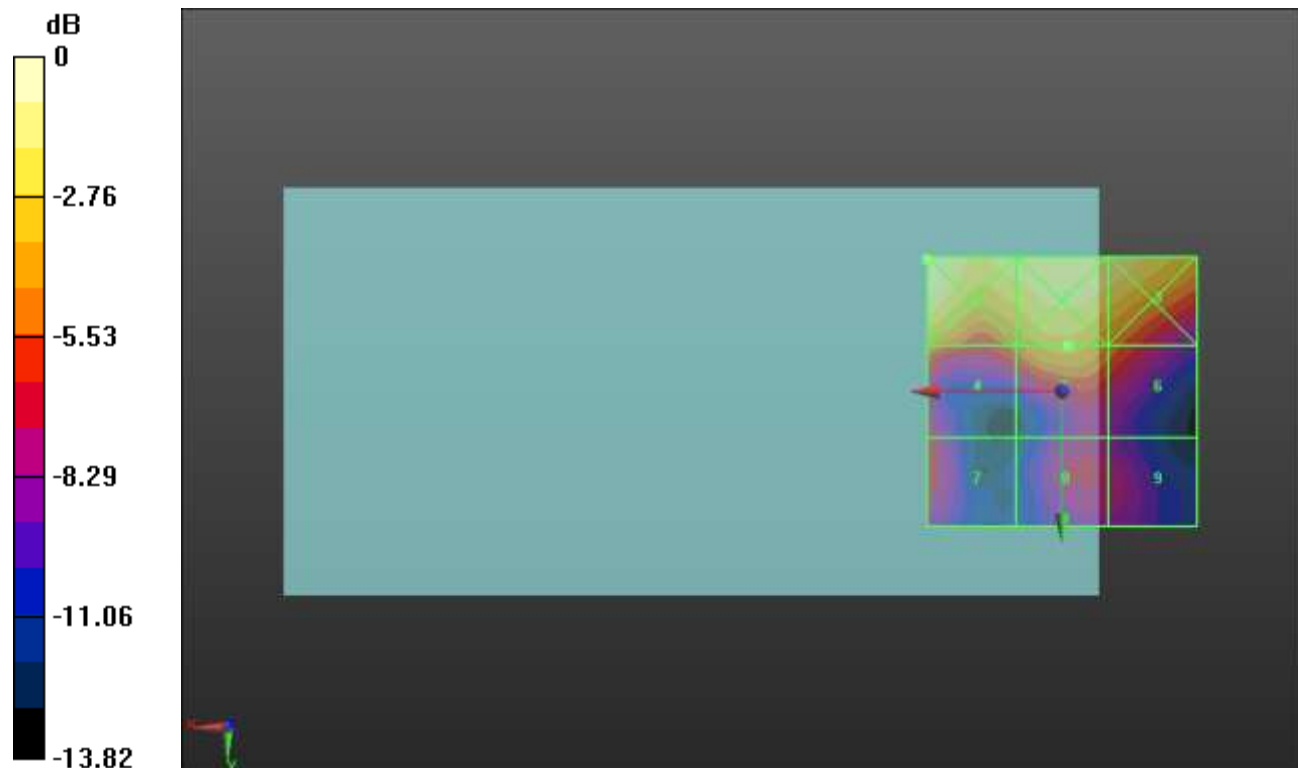
Applied MIF = -3.15 dB

RF audio interference level = 24.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.43 dBV/m	Grid 2 M4 26.55 dBV/m	Grid 3 M4 26.36 dBV/m
Grid 4 M4 23.17 dBV/m	Grid 5 M4 24.22 dBV/m	Grid 6 M4 22.69 dBV/m
Grid 7 M4 20.71 dBV/m	Grid 8 M4 20.29 dBV/m	Grid 9 M4 19.94 dBV/m



0 dB = 23.52 V/m = 27.43 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 23.17 V/m; Power Drift = 1.06 dB

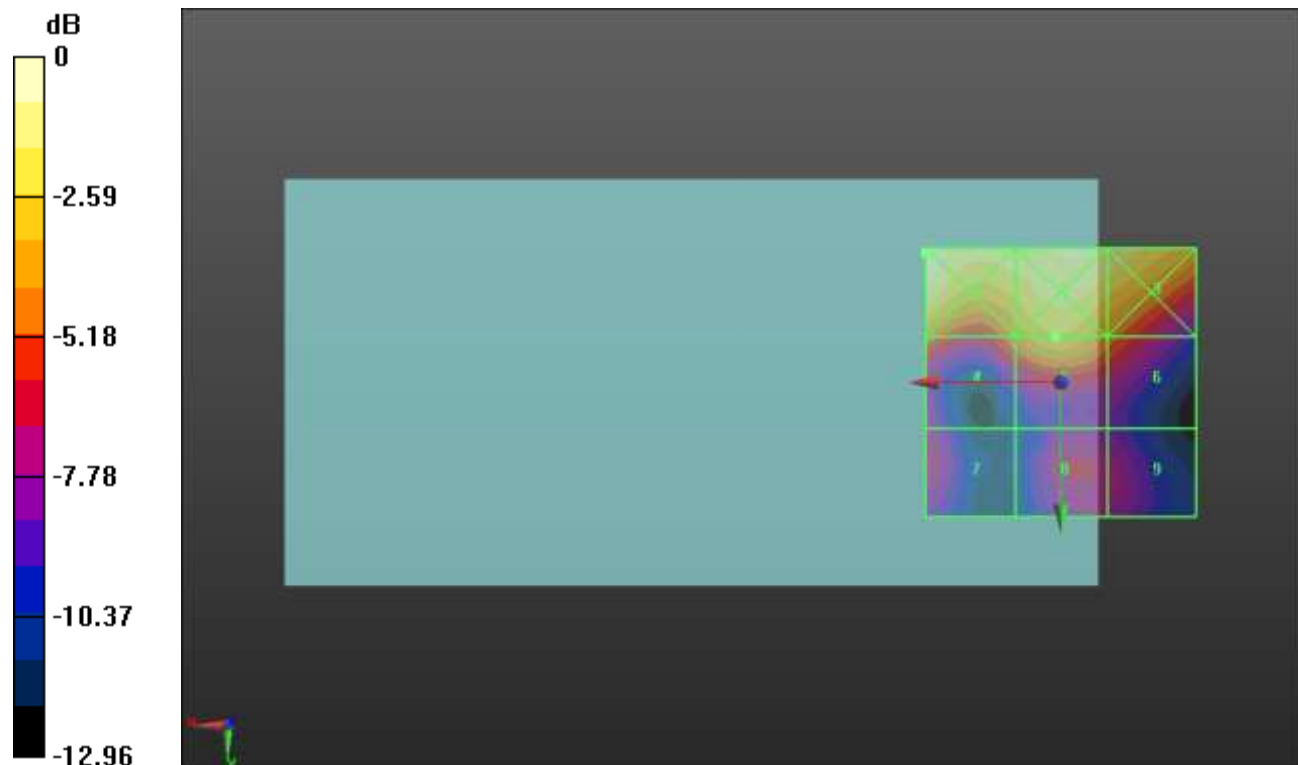
Applied MIF = -3.15 dB

RF audio interference level = 24.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.89 dBV/m	Grid 2 M4 26.16 dBV/m	Grid 3 M4 25.89 dBV/m
Grid 4 M4 22.75 dBV/m	Grid 5 M4 24.17 dBV/m	Grid 6 M4 22.39 dBV/m
Grid 7 M4 20.12 dBV/m	Grid 8 M4 20.19 dBV/m	Grid 9 M4 19.69 dBV/m



0 dB = 22.10 V/m = 26.89 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 24.80 V/m; Power Drift = 0.11 dB

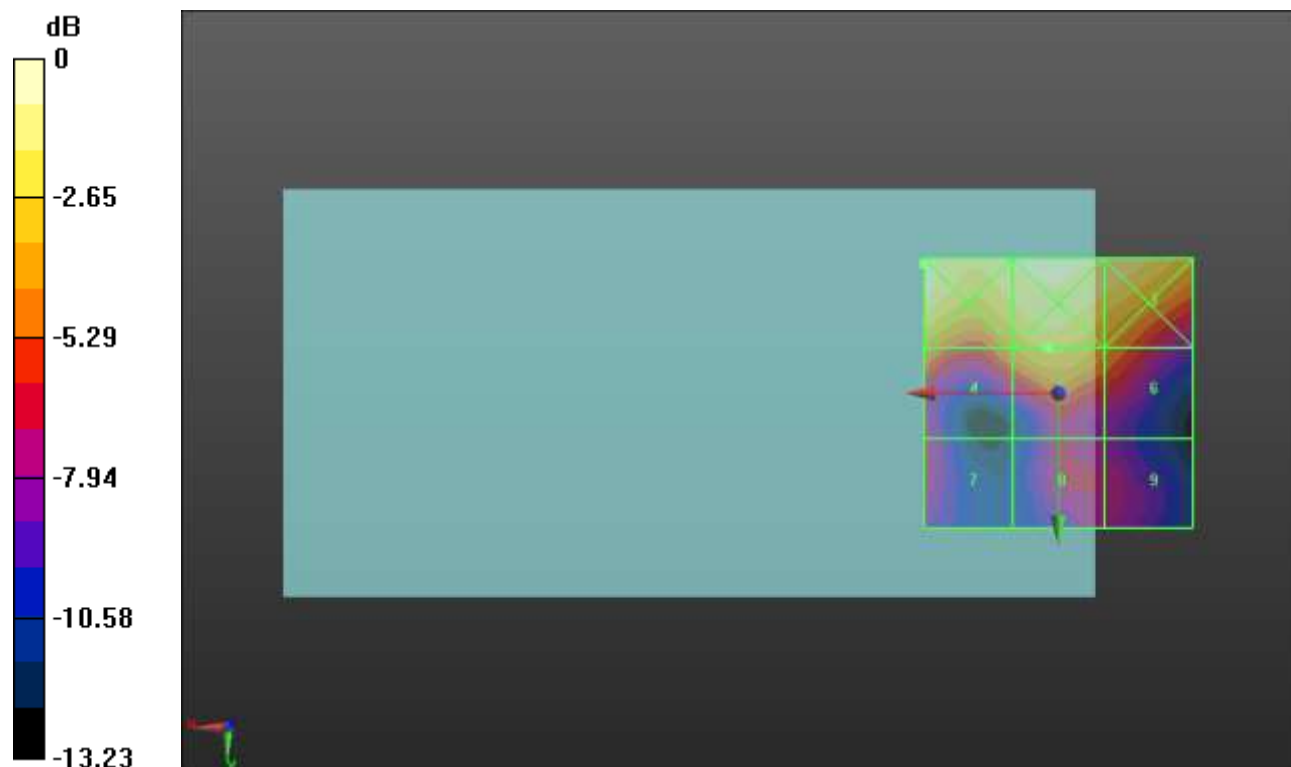
Applied MIF = -3.15 dB

RF audio interference level = 24.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.84 dBV/m	Grid 2 M4 26.21 dBV/m	Grid 3 M4 25.98 dBV/m
Grid 4 M4 23.21 dBV/m	Grid 5 M4 24.42 dBV/m	Grid 6 M4 22.9 dBV/m
Grid 7 M4 20.26 dBV/m	Grid 8 M4 20.05 dBV/m	Grid 9 M4 19.65 dBV/m



0 dB = 21.99 V/m = 26.84 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 19.75 V/m; Power Drift = 0.13 dB

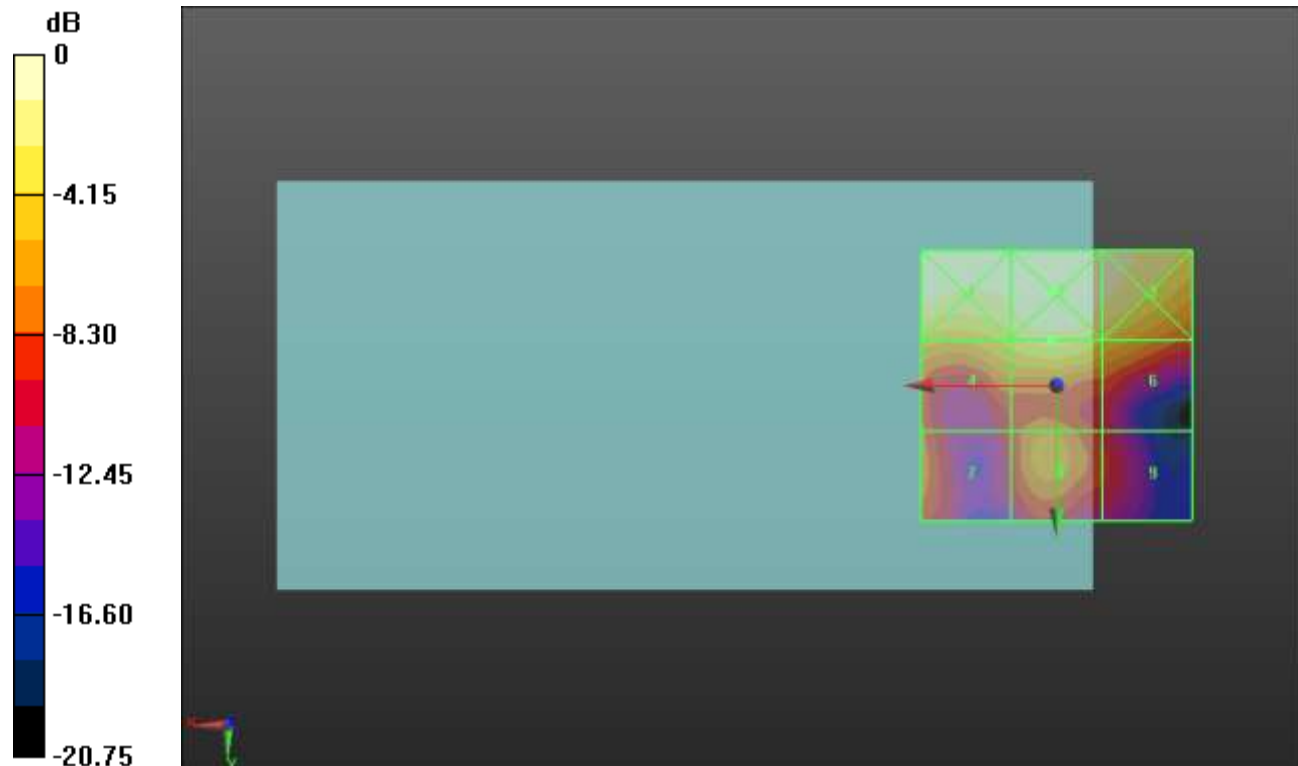
Applied MIF = -3.15 dB

RF audio interference level = 24.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.8 dBV/m	Grid 2 M4 26.93 dBV/m	Grid 3 M4 26.28 dBV/m
Grid 4 M4 23.51 dBV/m	Grid 5 M4 24.86 dBV/m	Grid 6 M4 23.09 dBV/m
Grid 7 M4 19.64 dBV/m	Grid 8 M4 20.84 dBV/m	Grid 9 M4 17.75 dBV/m



0 dB = 22.21 V/m = 26.93 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 26.50 V/m; Power Drift = 0.12 dB

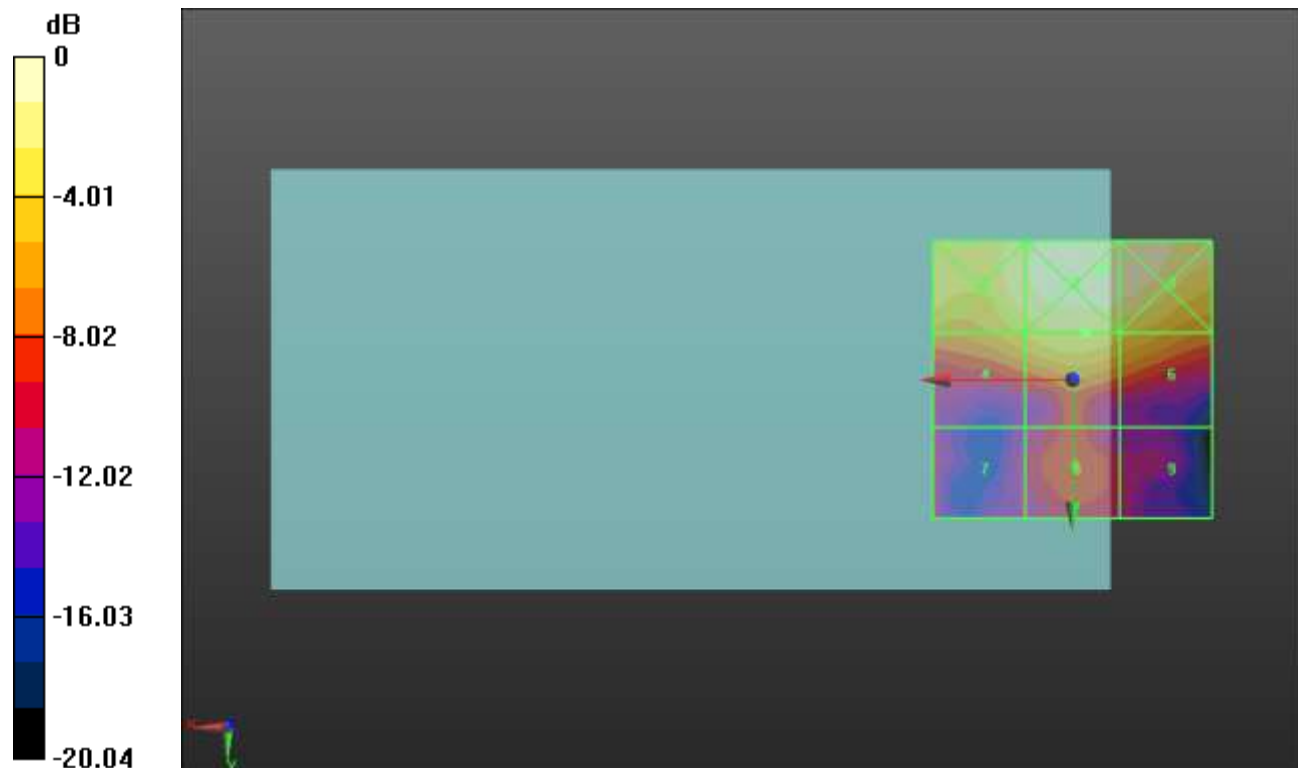
Applied MIF = -3.15 dB

RF audio interference level = 25.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.32 dBV/m	Grid 2 M4 27.82 dBV/m	Grid 3 M4 27.62 dBV/m
Grid 4 M4 24.05 dBV/m	Grid 5 M4 25.17 dBV/m	Grid 6 M4 24.4 dBV/m
Grid 7 M4 17.42 dBV/m	Grid 8 M4 19.86 dBV/m	Grid 9 M4 17.46 dBV/m



0 dB = 24.60 V/m = 27.82 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 38.15 V/m; Power Drift = -0.06 dB

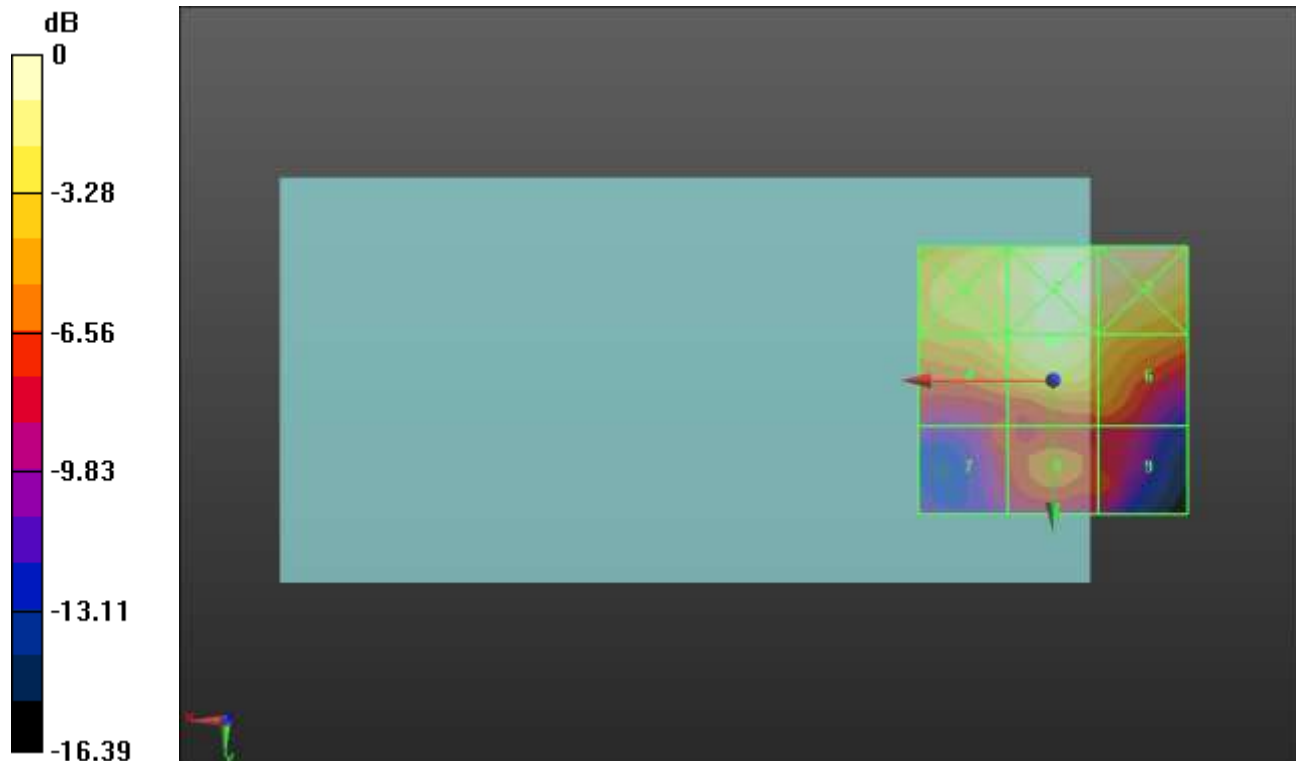
Applied MIF = -3.15 dB

RF audio interference level = 25.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.42 dBV/m	Grid 2 M4 26.34 dBV/m	Grid 3 M4 26.11 dBV/m
Grid 4 M4 23.99 dBV/m	Grid 5 M4 25.44 dBV/m	Grid 6 M4 23.92 dBV/m
Grid 7 M4 19.54 dBV/m	Grid 8 M4 20.51 dBV/m	Grid 9 M4 19.5 dBV/m



0 dB = 20.75 V/m = 26.34 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 39.22 V/m; Power Drift = -0.06 dB

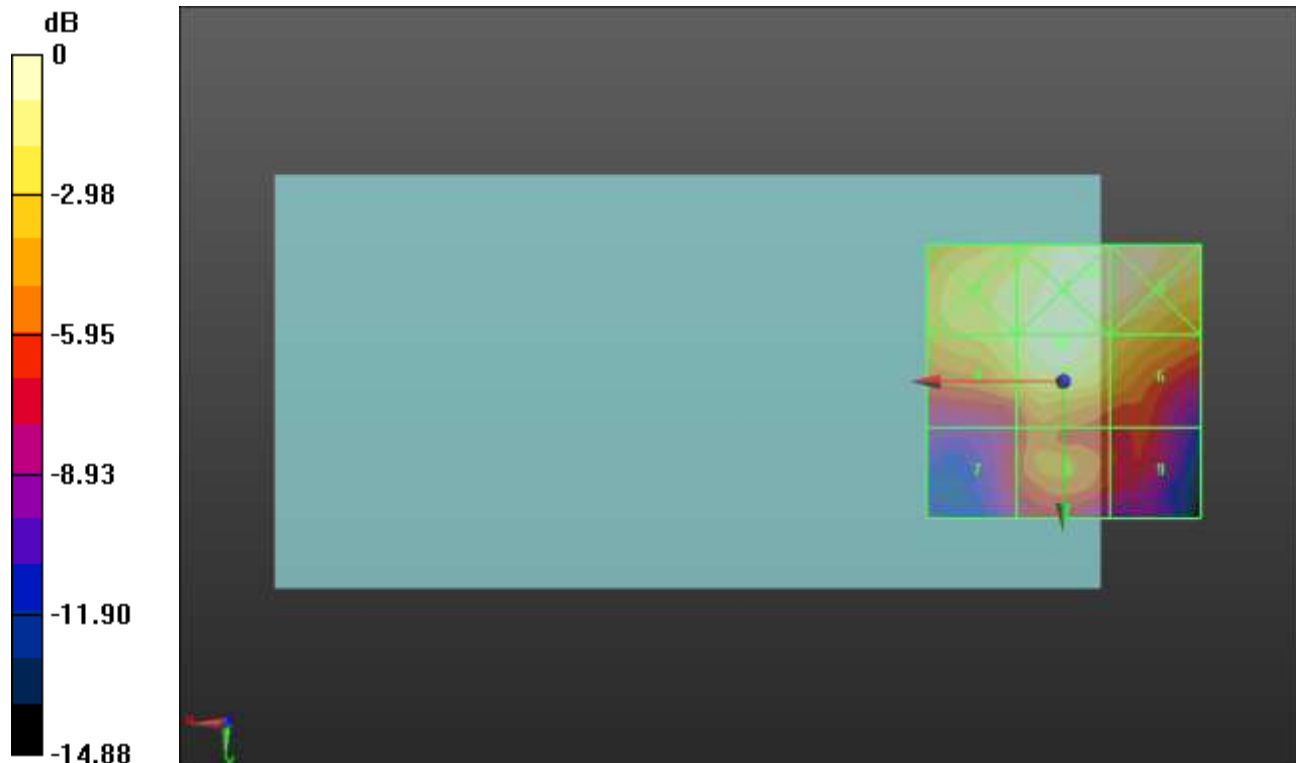
Applied MIF = -3.15 dB

RF audio interference level = 25.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.55 dBV/m	Grid 2 M4 25.8 dBV/m	Grid 3 M4 25.69 dBV/m
Grid 4 M4 24.44 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 23.92 dBV/m
Grid 7 M4 19.19 dBV/m	Grid 8 M4 21.19 dBV/m	Grid 9 M4 19.26 dBV/m



0 dB = 19.51 V/m = 25.81 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 40.35 V/m; Power Drift = 0.07 dB

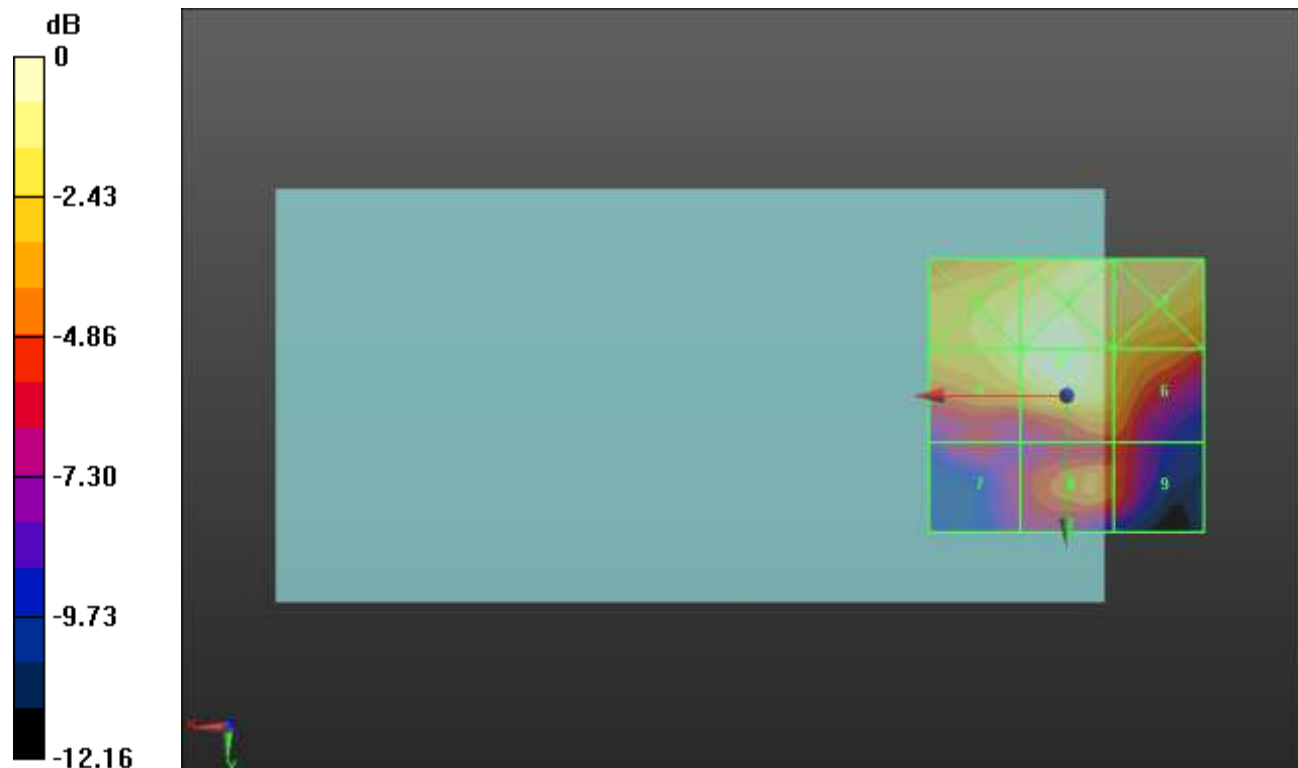
Applied MIF = -3.15 dB

RF audio interference level = 25.63 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.62 dBV/m	Grid 2 M4 25.47 dBV/m	Grid 3 M4 24.84 dBV/m
Grid 4 M4 24.6 dBV/m	Grid 5 M4 25.63 dBV/m	Grid 6 M4 23.63 dBV/m
Grid 7 M4 19.78 dBV/m	Grid 8 M4 21.71 dBV/m	Grid 9 M4 21.01 dBV/m



0 dB = 19.11 V/m = 25.63 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 43.76 V/m; Power Drift = -0.35 dB

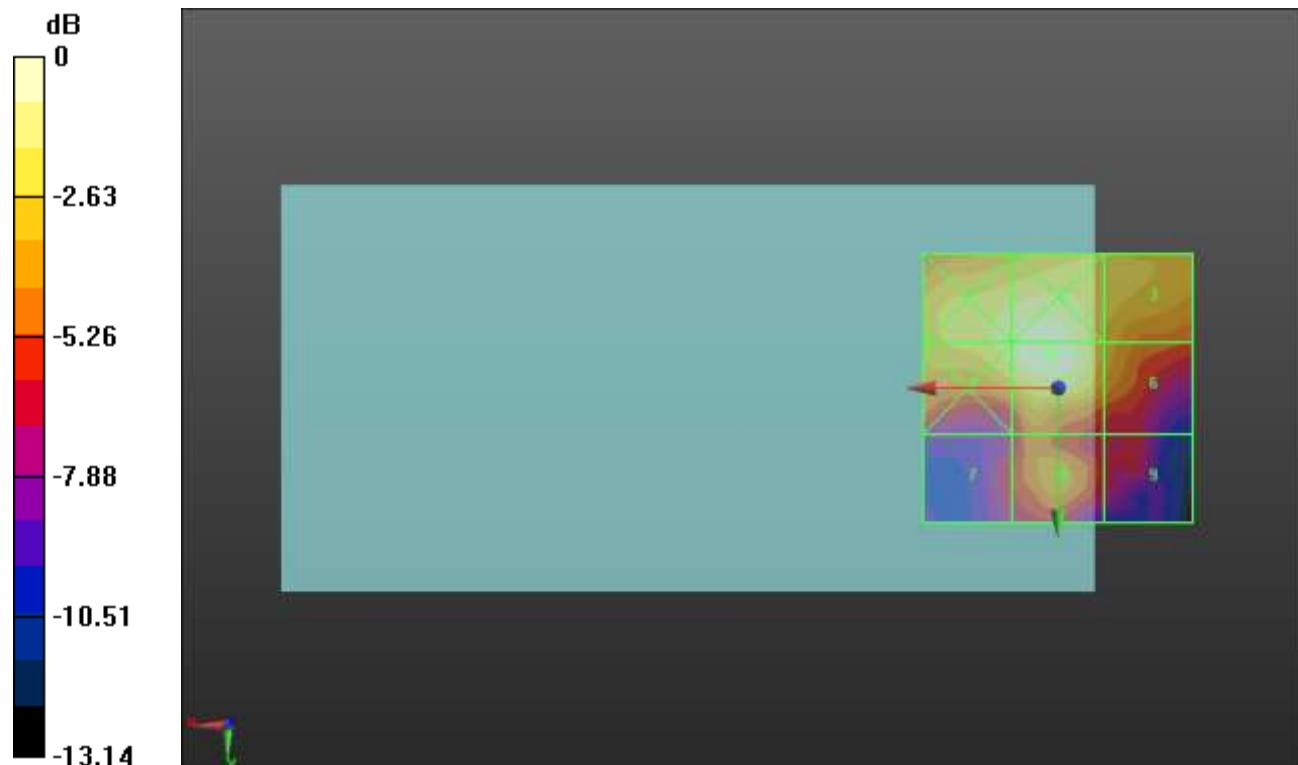
Applied MIF = -3.15 dB

RF audio interference level = 26.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.23 dBV/m	Grid 2 M4 26.1 dBV/m	Grid 3 M4 24.18 dBV/m
Grid 4 M4 25.23 dBV/m	Grid 5 M4 26.28 dBV/m	Grid 6 M4 23.54 dBV/m
Grid 7 M4 20.14 dBV/m	Grid 8 M4 22.41 dBV/m	Grid 9 M4 20.01 dBV/m



0 dB = 20.62 V/m = 26.29 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 19.71 V/m; Power Drift = -0.94 dB

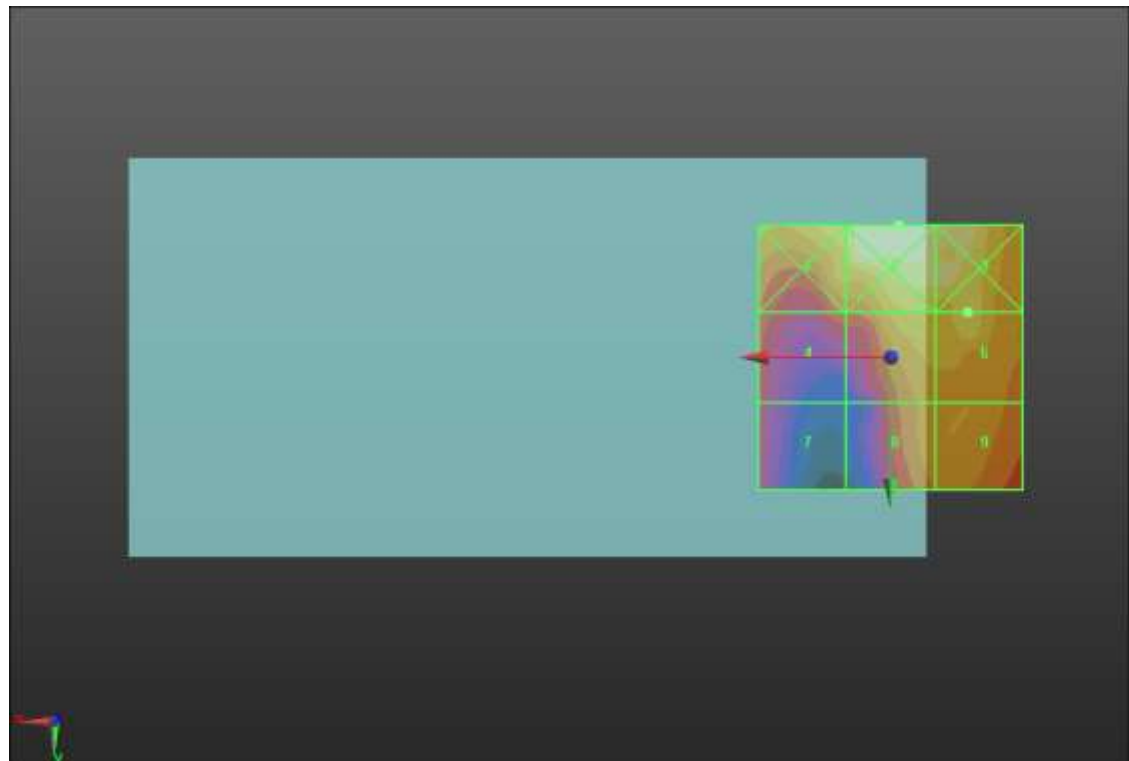
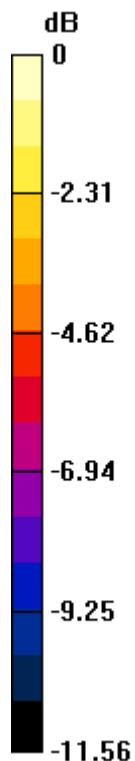
Applied MIF = -2.02 dB

RF audio interference level = 24.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.05 dBV/m	Grid 2 M4 26.19 dBV/m	Grid 3 M4 25.26 dBV/m
Grid 4 M4 21.61 dBV/m	Grid 5 M4 24.01 dBV/m	Grid 6 M4 24.44 dBV/m
Grid 7 M4 20.45 dBV/m	Grid 8 M4 22.93 dBV/m	Grid 9 M4 23.14 dBV/m



0 dB = 20.40 V/m = 26.19 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 17.53 V/m; Power Drift = -0.37 dB

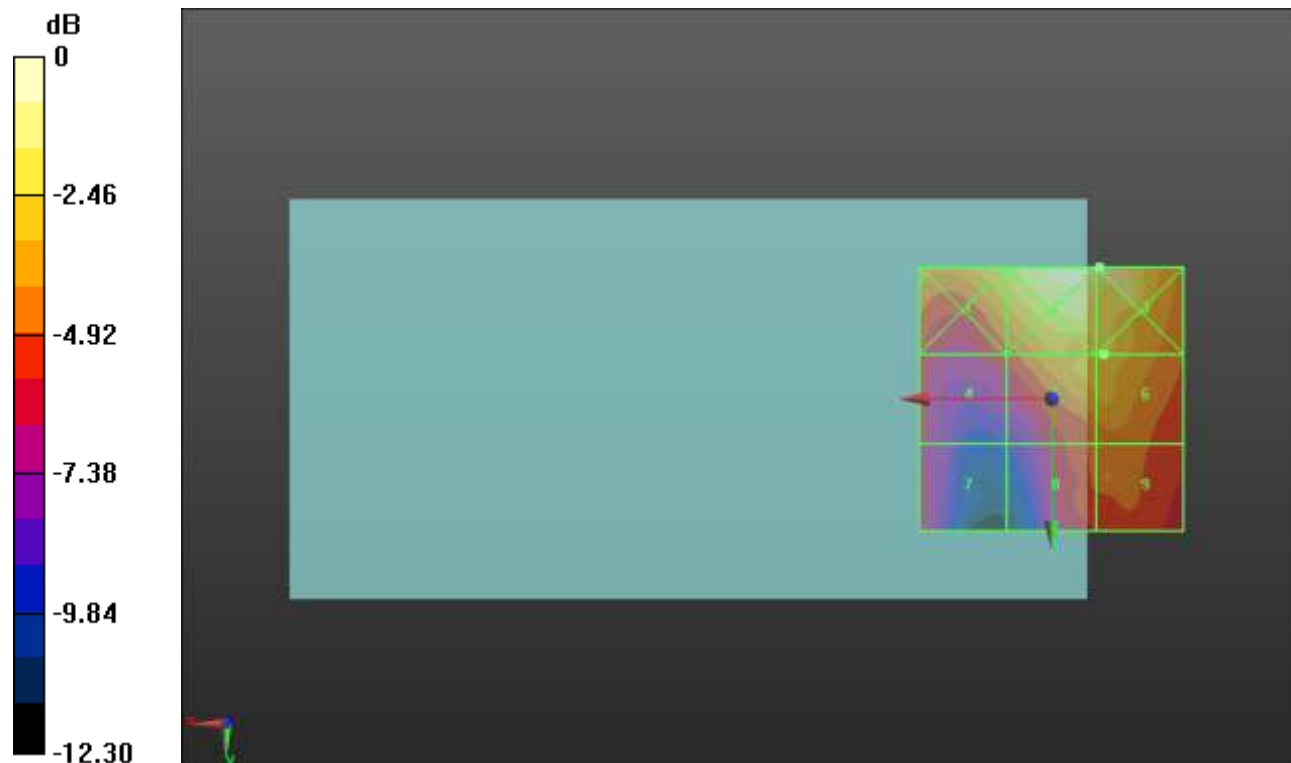
Applied MIF = -2.02 dB

RF audio interference level = 24.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.61 dBV/m	Grid 2 M4 26.54 dBV/m	Grid 3 M4 26.58 dBV/m
Grid 4 M4 21.24 dBV/m	Grid 5 M4 24.03 dBV/m	Grid 6 M4 24.19 dBV/m
Grid 7 M4 20.3 dBV/m	Grid 8 M4 22.17 dBV/m	Grid 9 M4 22.56 dBV/m



0 dB = 21.33 V/m = 26.58 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 17.04 V/m; Power Drift = -0.03 dB

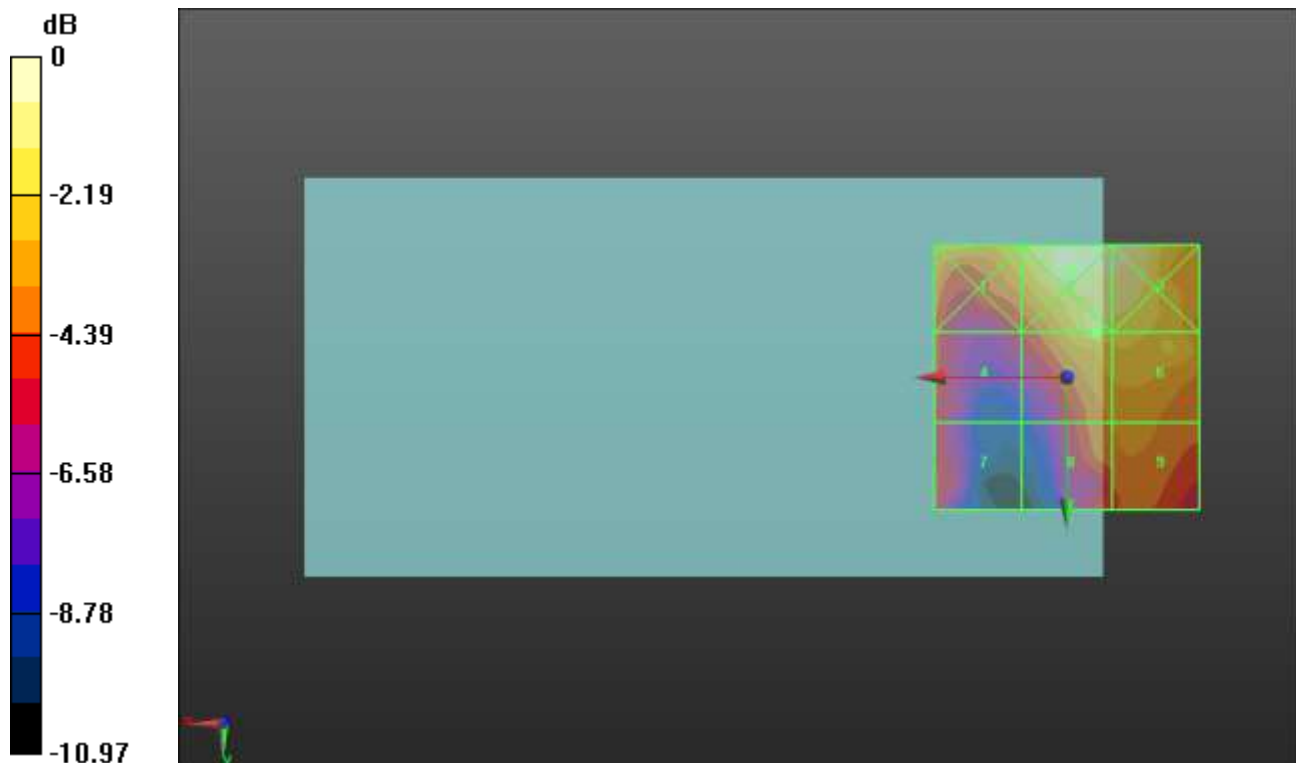
Applied MIF = -2.02 dB

RF audio interference level = 24.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.8 dBV/m	Grid 2 M4 25.58 dBV/m	Grid 3 M4 25.15 dBV/m
Grid 4 M4 21.15 dBV/m	Grid 5 M4 24.03 dBV/m	Grid 6 M4 23.77 dBV/m
Grid 7 M4 20.79 dBV/m	Grid 8 M4 22 dBV/m	Grid 9 M4 22.19 dBV/m



0 dB = 19.01 V/m = 25.58 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 17.16 V/m; Power Drift = -0.63 dB

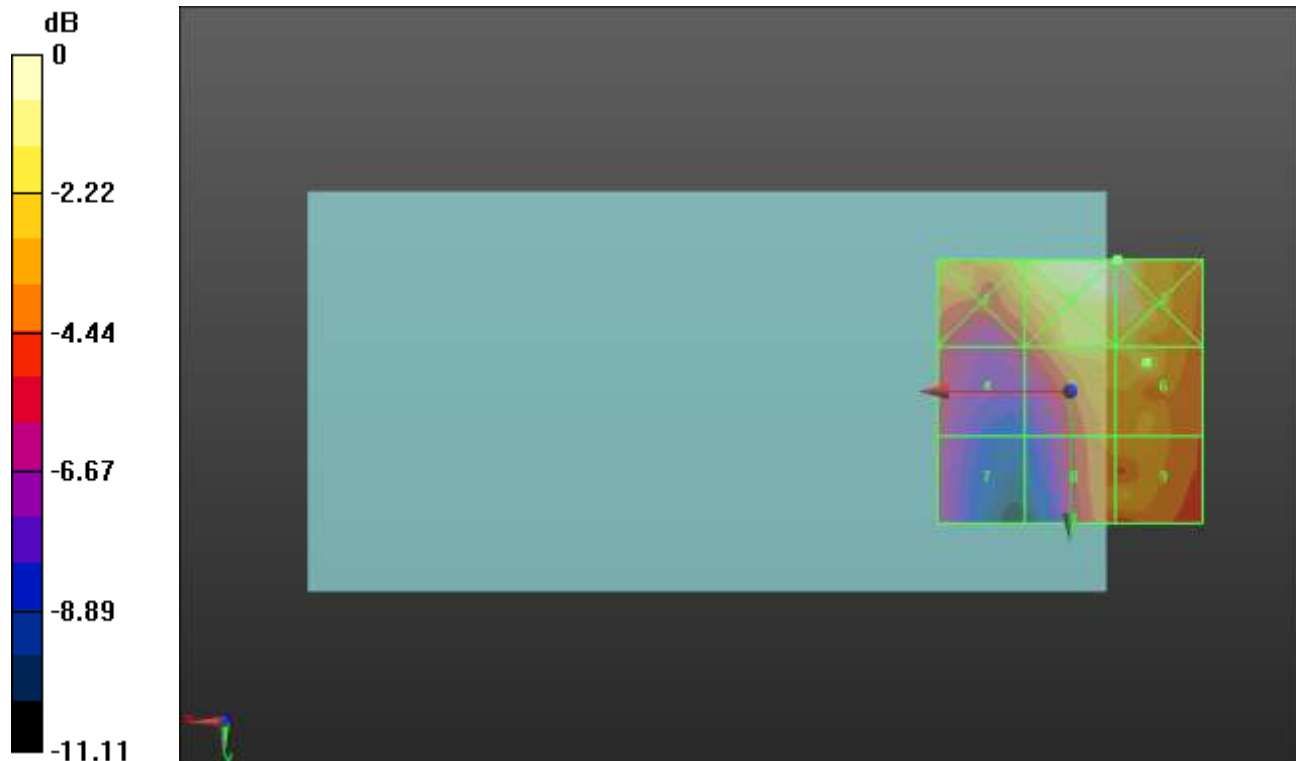
Applied MIF = 0.12 dB

RF audio interference level = 26.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.64 dBV/m	Grid 2 M4 28.08 dBV/m	Grid 3 M4 28.13 dBV/m
Grid 4 M4 23.34 dBV/m	Grid 5 M4 26.09 dBV/m	Grid 6 M4 26.52 dBV/m
Grid 7 M4 22.55 dBV/m	Grid 8 M4 24.98 dBV/m	Grid 9 M4 25.31 dBV/m



0 dB = 25.51 V/m = 28.13 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 15.83 V/m; Power Drift = 0.69 dB

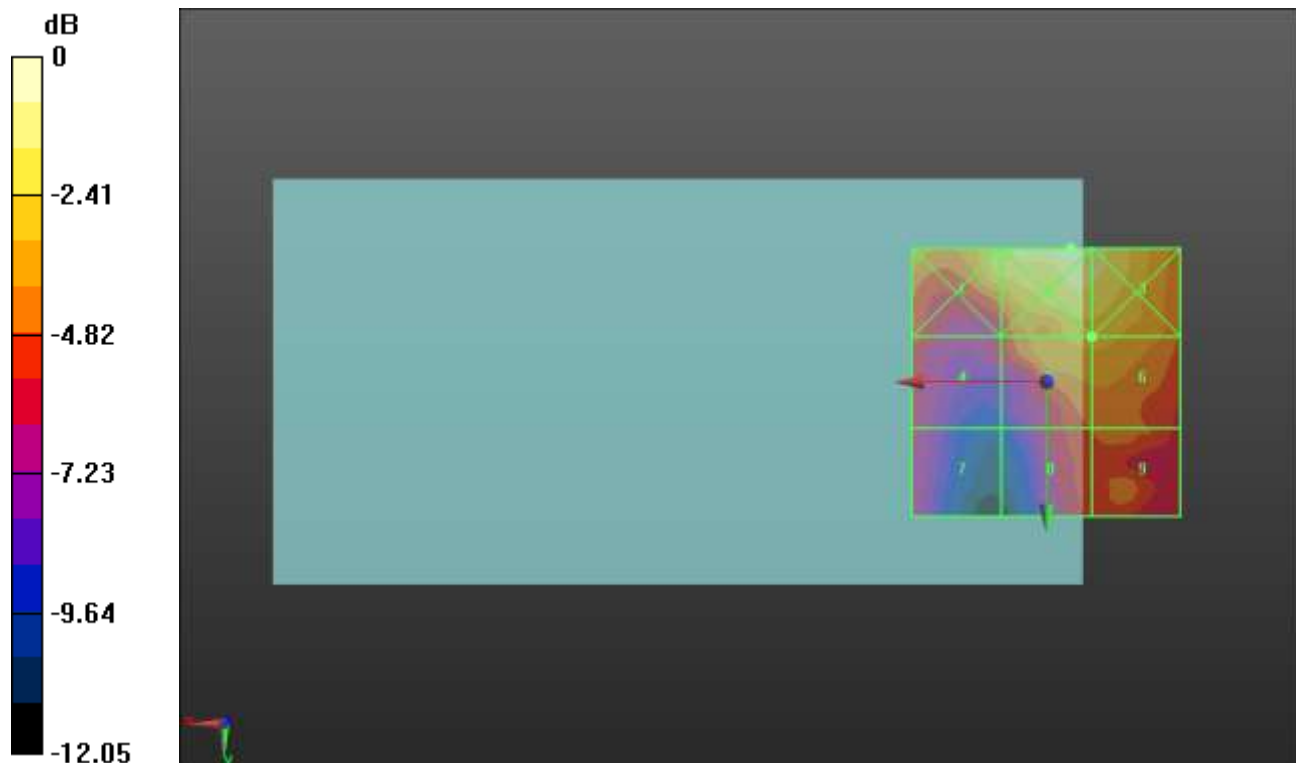
Applied MIF = 0.12 dB

RF audio interference level = 25.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.74 dBV/m	Grid 2 M4 28.67 dBV/m	Grid 3 M4 27.67 dBV/m
Grid 4 M4 23.7 dBV/m	Grid 5 M4 25.8 dBV/m	Grid 6 M4 25.8 dBV/m
Grid 7 M4 22.55 dBV/m	Grid 8 M4 23.93 dBV/m	Grid 9 M4 24.44 dBV/m



0 dB = 27.12 V/m = 28.67 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 17.78 V/m; Power Drift = -0.03 dB

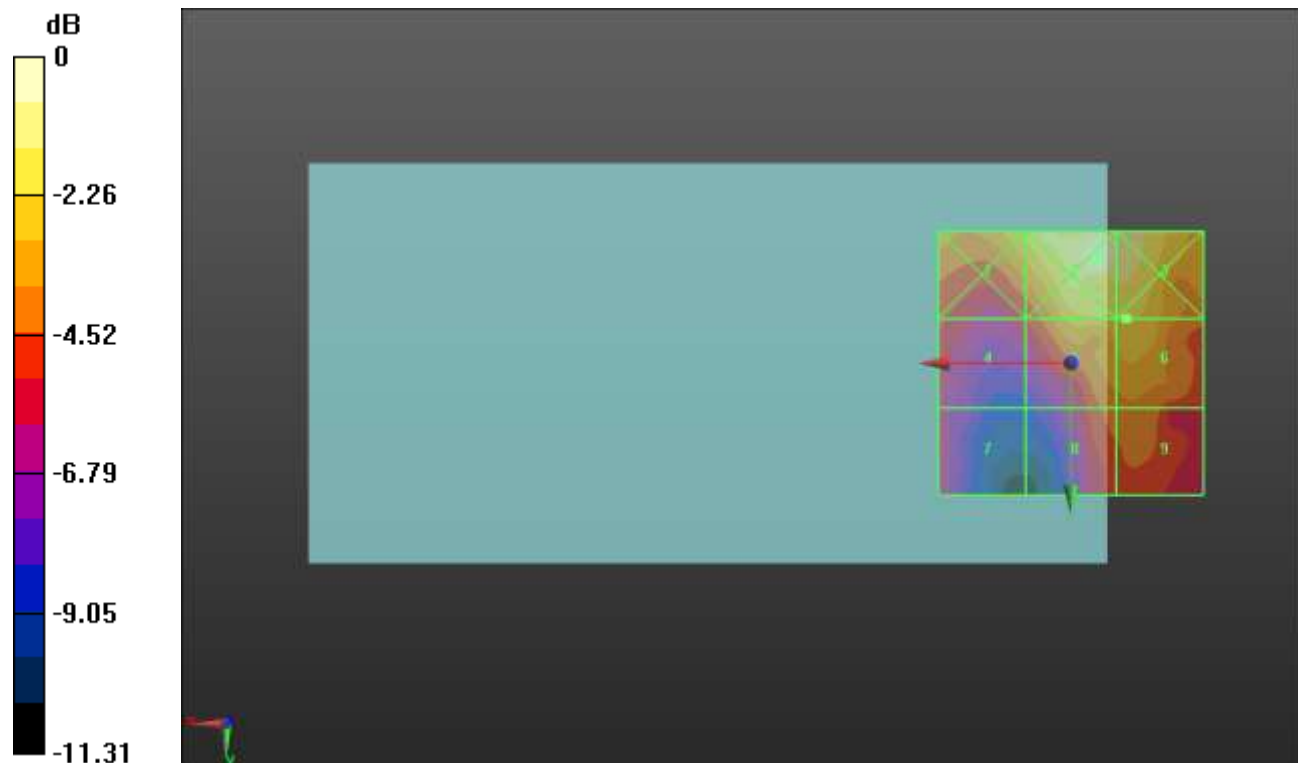
Applied MIF = 0.12 dB

RF audio interference level = 26.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.18 dBV/m	Grid 2 M4 28.21 dBV/m	Grid 3 M4 27.53 dBV/m
Grid 4 M4 23.16 dBV/m	Grid 5 M4 25.99 dBV/m	Grid 6 M4 26.04 dBV/m
Grid 7 M4 22.79 dBV/m	Grid 8 M4 24.17 dBV/m	Grid 9 M4 24.34 dBV/m



0 dB = 25.74 V/m = 28.21 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 10.23 V/m; Power Drift = -0.32 dB

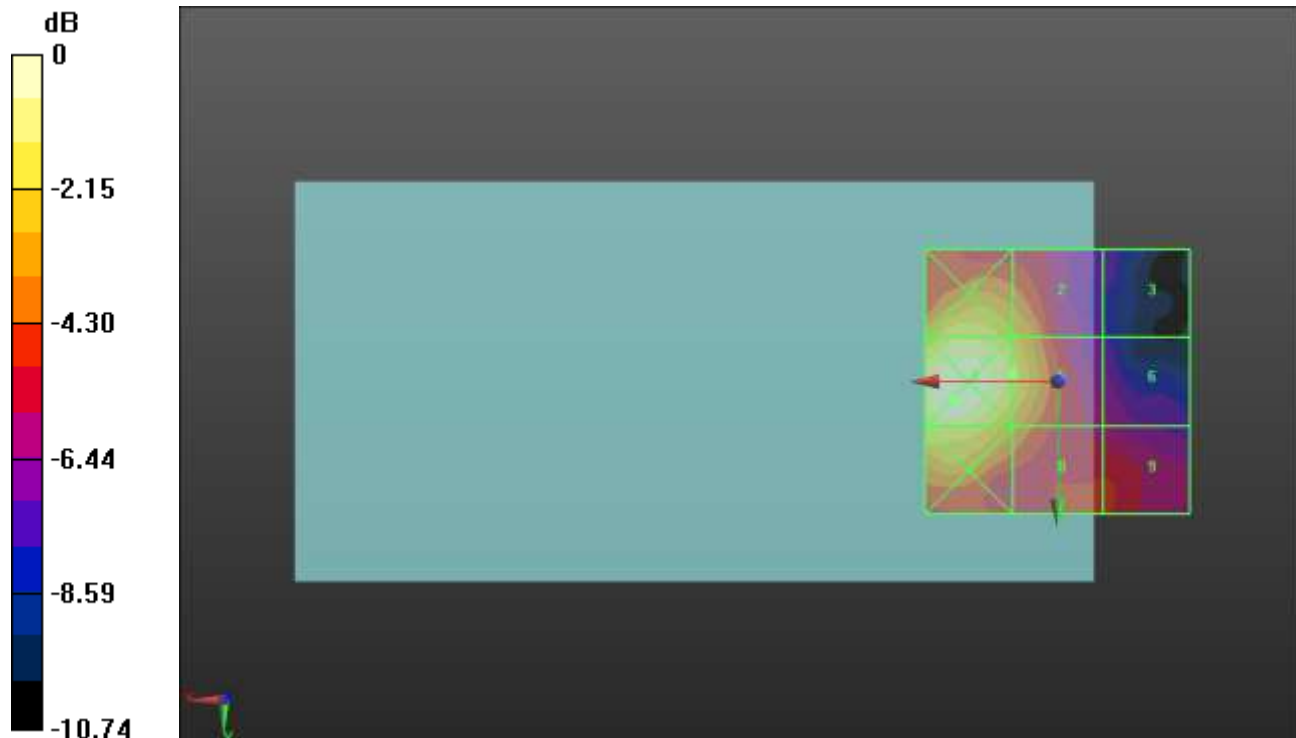
Applied MIF = -3.15 dB

RF audio interference level = 18.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.69 dBV/m	Grid 2 M4 17.56 dBV/m	Grid 3 M4 12.84 dBV/m
Grid 4 M4 20.12 dBV/m	Grid 5 M4 18.36 dBV/m	Grid 6 M4 14.06 dBV/m
Grid 7 M4 18.82 dBV/m	Grid 8 M4 16.84 dBV/m	Grid 9 M4 15.34 dBV/m



0 dB = 10.14 V/m = 20.12 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 10.74 V/m; Power Drift = -0.21 dB

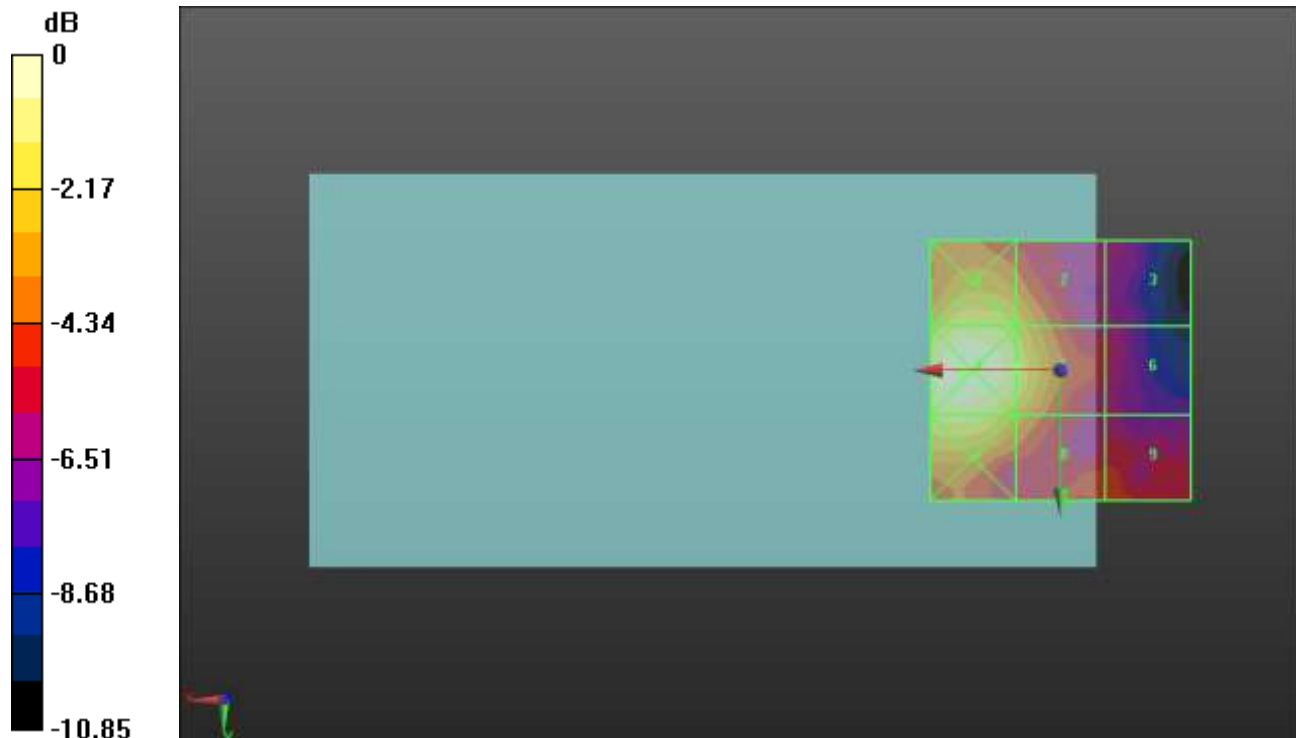
Applied MIF = -3.15 dB

RF audio interference level = 18.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.22 dBV/m	Grid 2 M4 17.33 dBV/m	Grid 3 M4 13.52 dBV/m
Grid 4 M4 19.59 dBV/m	Grid 5 M4 18.24 dBV/m	Grid 6 M4 14.04 dBV/m
Grid 7 M4 18.5 dBV/m	Grid 8 M4 16.66 dBV/m	Grid 9 M4 15.09 dBV/m



0 dB = 9.537 V/m = 19.59 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 11.20 V/m; Power Drift = -0.28 dB

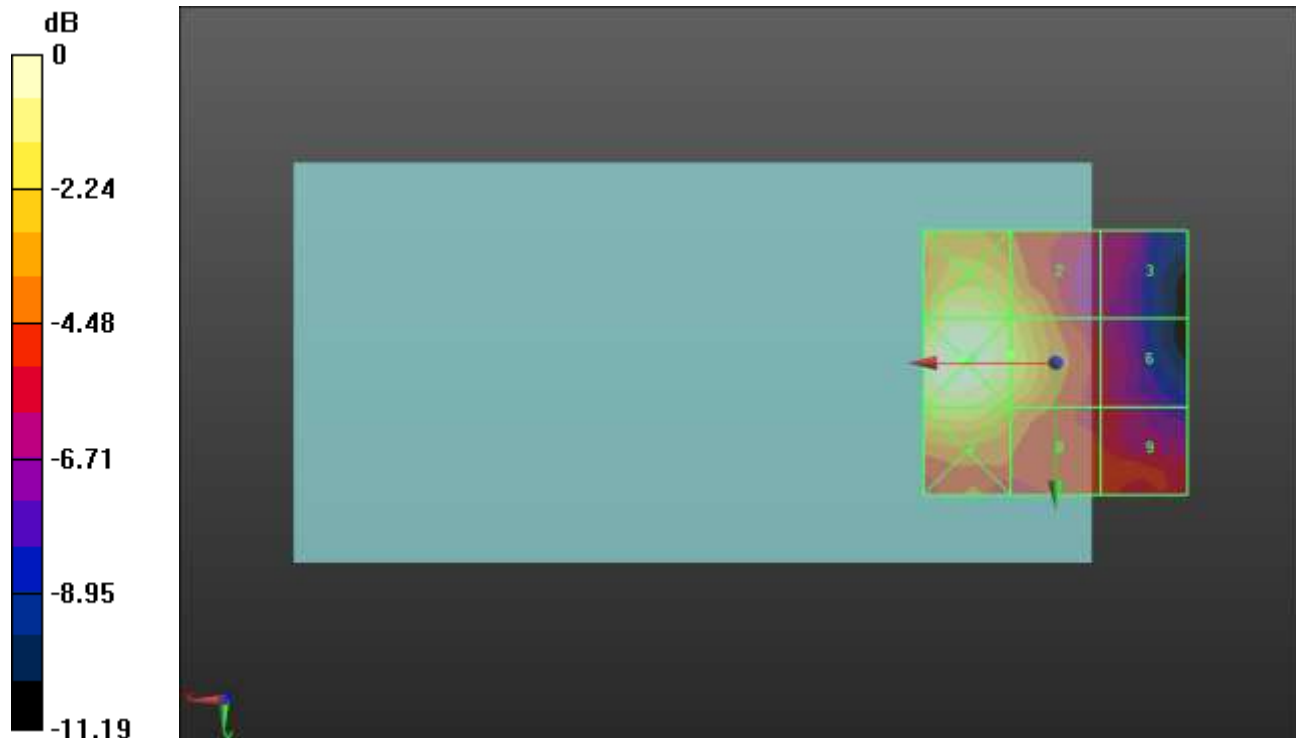
Applied MIF = -3.15 dB

RF audio interference level = 18.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.73 dBV/m	Grid 2 M4 17.64 dBV/m	Grid 3 M4 13.57 dBV/m
Grid 4 M4 19.68 dBV/m	Grid 5 M4 18.29 dBV/m	Grid 6 M4 14.19 dBV/m
Grid 7 M4 18.15 dBV/m	Grid 8 M4 16.64 dBV/m	Grid 9 M4 15.06 dBV/m



0 dB = 9.635 V/m = 19.68 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 11.28 V/m; Power Drift = -0.11 dB

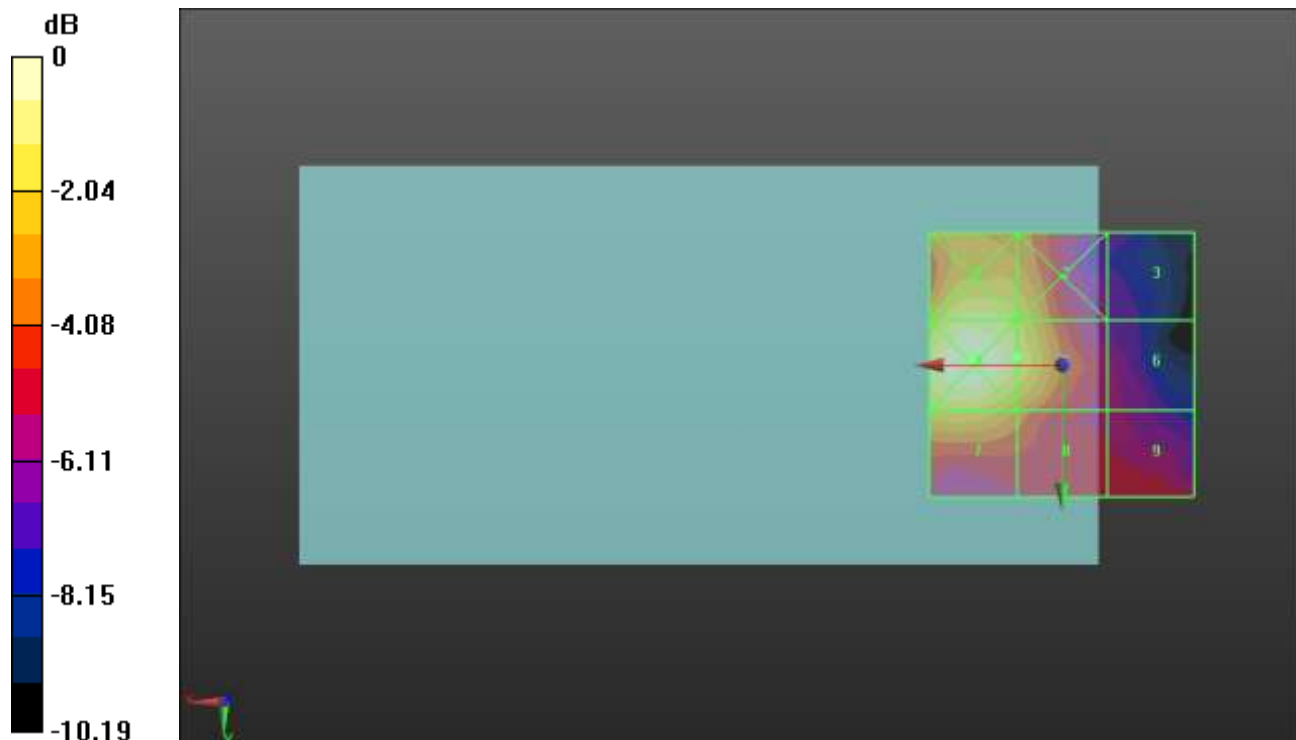
Applied MIF = -3.15 dB

RF audio interference level = 18.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.73 dBV/m	Grid 2 M4 17.87 dBV/m	Grid 3 M4 13.18 dBV/m
Grid 4 M4 19.75 dBV/m	Grid 5 M4 18.44 dBV/m	Grid 6 M4 14.02 dBV/m
Grid 7 M4 17.85 dBV/m	Grid 8 M4 16.46 dBV/m	Grid 9 M4 14.82 dBV/m



0 dB = 9.713 V/m = 19.75 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 10.41 V/m; Power Drift = 0.14 dB

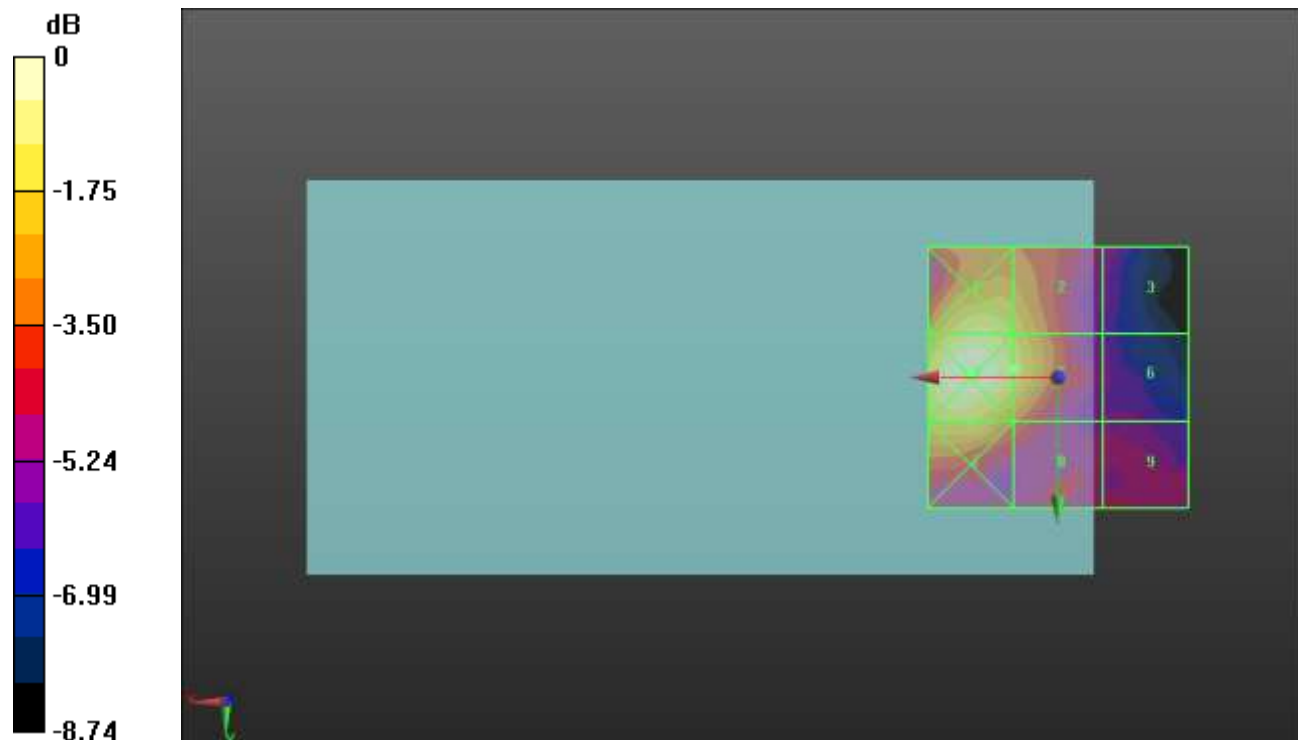
Applied MIF = -3.15 dB

RF audio interference level = 17.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.24 dBV/m	Grid 2 M4 17.45 dBV/m	Grid 3 M4 14.1 dBV/m
Grid 4 M4 19.19 dBV/m	Grid 5 M4 17.92 dBV/m	Grid 6 M4 13.8 dBV/m
Grid 7 M4 17.55 dBV/m	Grid 8 M4 15.84 dBV/m	Grid 9 M4 14.89 dBV/m



0 dB = 9.112 V/m = 19.19 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 10.92 V/m; Power Drift = -0.04 dB

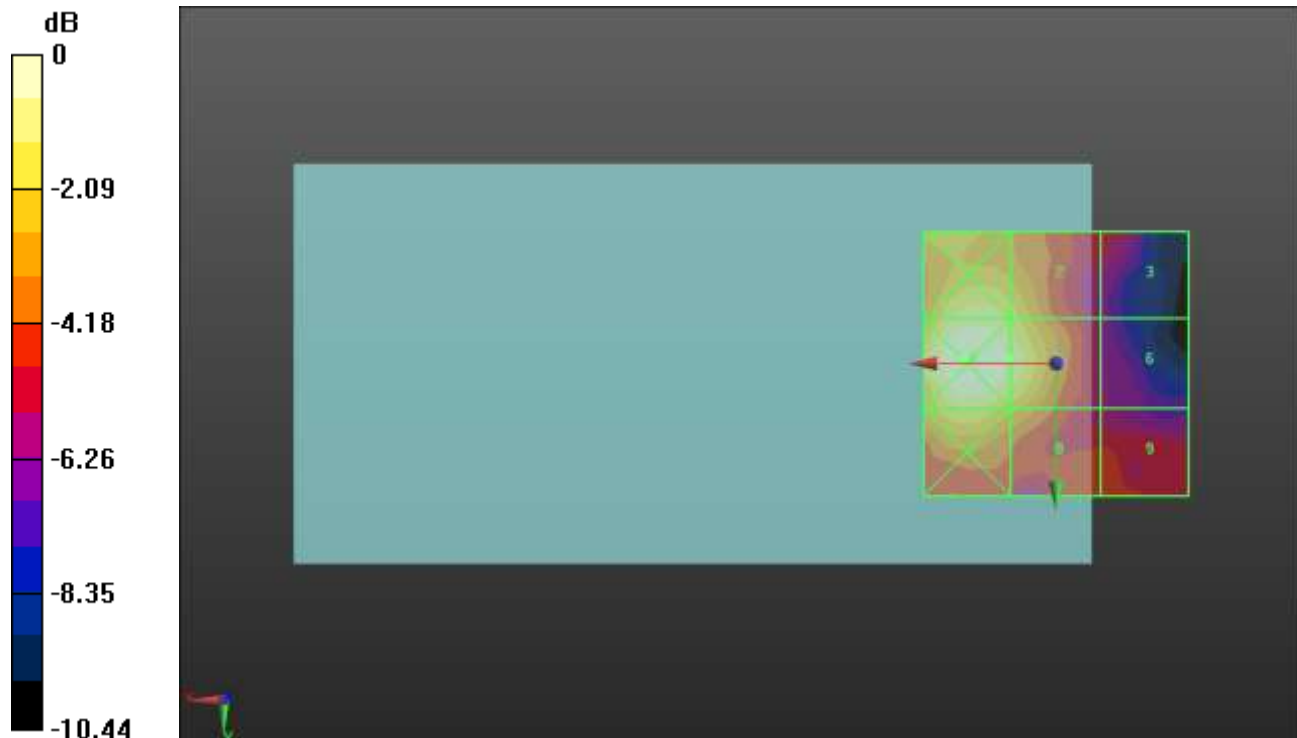
Applied MIF = -3.15 dB

RF audio interference level = 17.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.7 dBV/m	Grid 2 M4 17 dBV/m	Grid 3 M4 13.59 dBV/m
Grid 4 M4 18.6 dBV/m	Grid 5 M4 17.78 dBV/m	Grid 6 M4 12.67 dBV/m
Grid 7 M4 17.29 dBV/m	Grid 8 M4 16.15 dBV/m	Grid 9 M4 14.42 dBV/m



0 dB = 8.516 V/m = 18.60 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 8.395 V/m; Power Drift = -0.14 dB

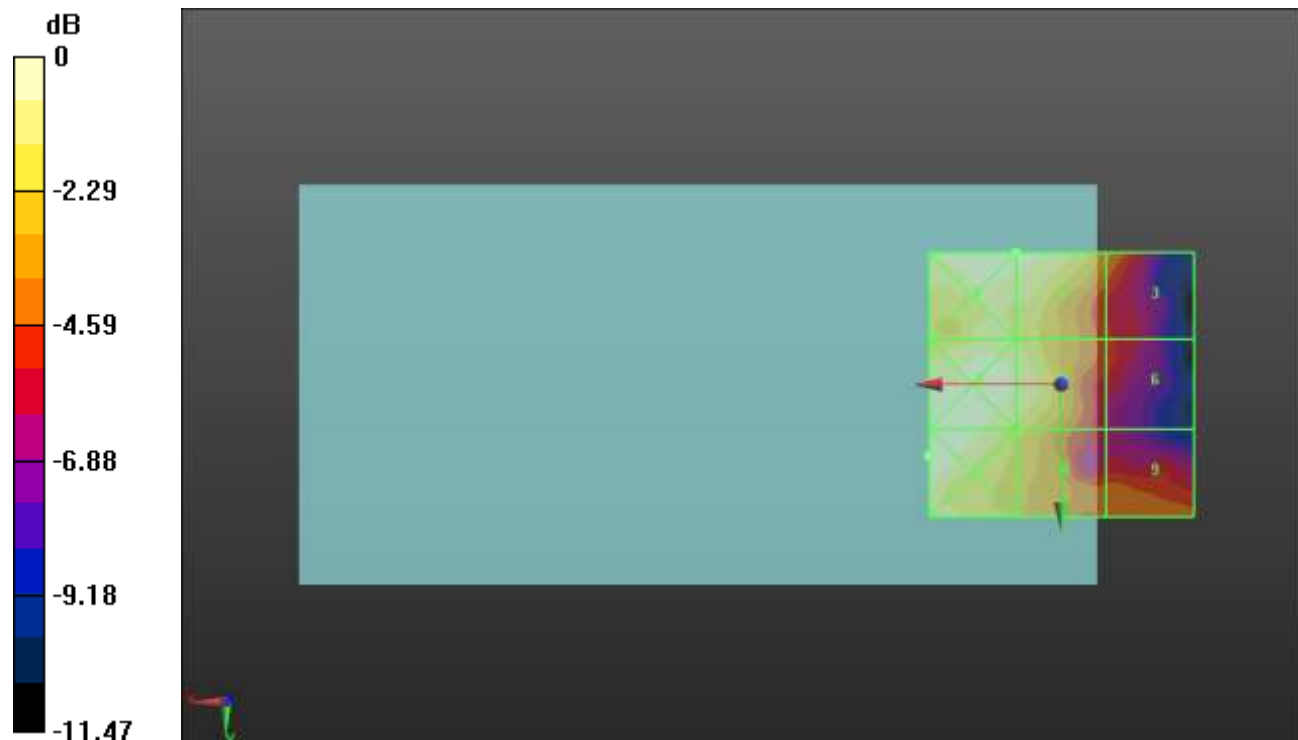
Applied MIF = -3.15 dB

RF audio interference level = 15.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.21 dBV/m	Grid 2 M4 15.16 dBV/m	Grid 3 M4 12.42 dBV/m
Grid 4 M4 15.35 dBV/m	Grid 5 M4 14.84 dBV/m	Grid 6 M4 10.72 dBV/m
Grid 7 M4 15.6 dBV/m	Grid 8 M4 13.66 dBV/m	Grid 9 M4 11.69 dBV/m



0 dB = 6.025 V/m = 15.60 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 8.206 V/m; Power Drift = -0.44 dB

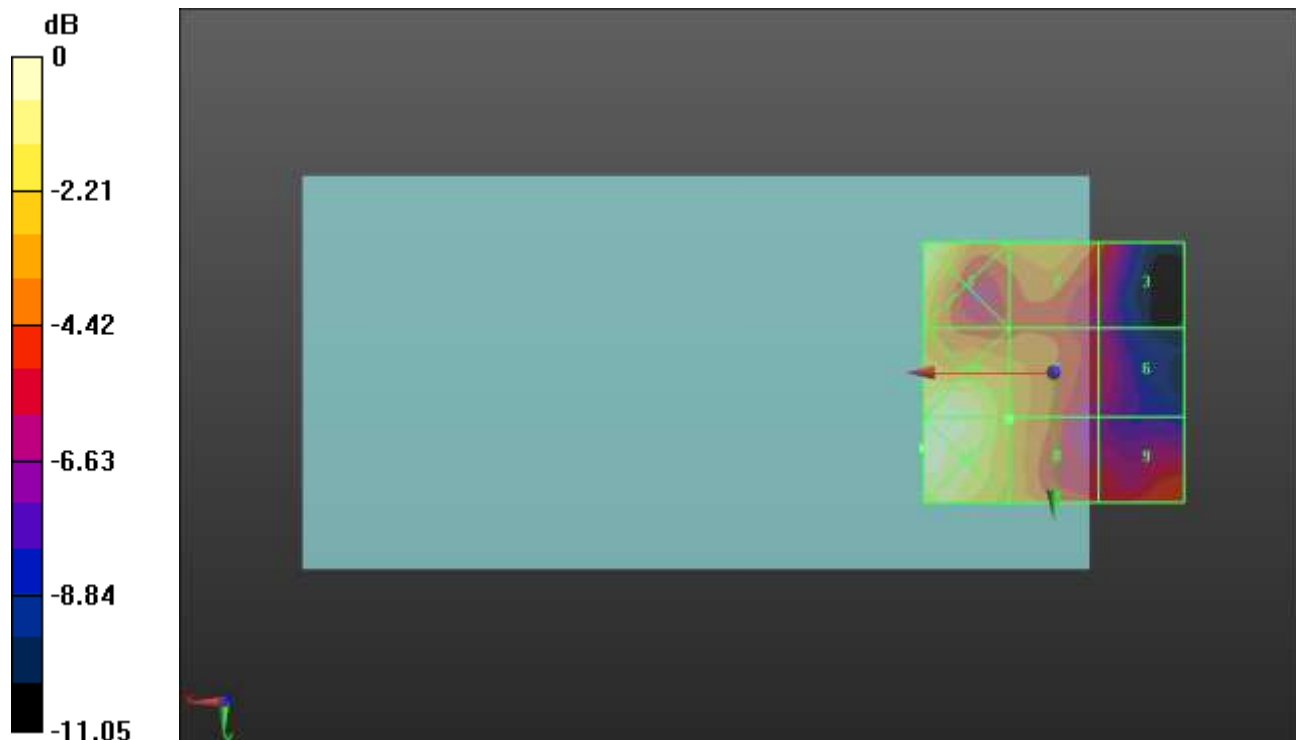
Applied MIF = -3.15 dB

RF audio interference level = 14.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.3 dBV/m	Grid 2 M4 14.72 dBV/m	Grid 3 M4 13.3 dBV/m
Grid 4 M4 17.18 dBV/m	Grid 5 M4 14.87 dBV/m	Grid 6 M4 12.04 dBV/m
Grid 7 M4 17.68 dBV/m	Grid 8 M4 14.87 dBV/m	Grid 9 M4 13.19 dBV/m



0 dB = 7.655 V/m = 17.68 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 144/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.814 V/m; Power Drift = -0.44 dB

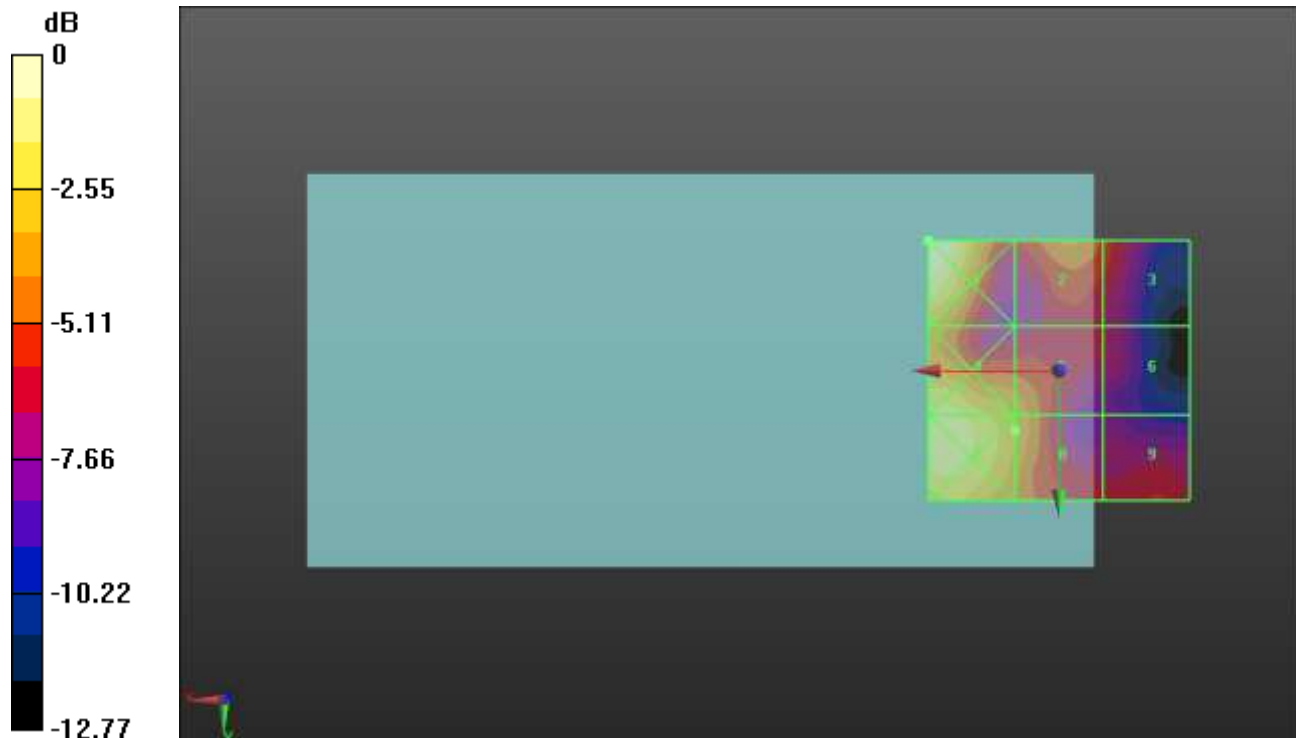
Applied MIF = -3.15 dB

RF audio interference level = 16.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.15 dBV/m	Grid 2 M4 16.13 dBV/m	Grid 3 M4 14.85 dBV/m
Grid 4 M4 18.79 dBV/m	Grid 5 M4 16.67 dBV/m	Grid 6 M4 13.5 dBV/m
Grid 7 M4 19.09 dBV/m	Grid 8 M4 16.82 dBV/m	Grid 9 M4 14.31 dBV/m



0 dB = 10.18 V/m = 20.15 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 8.615 V/m; Power Drift = -0.39 dB

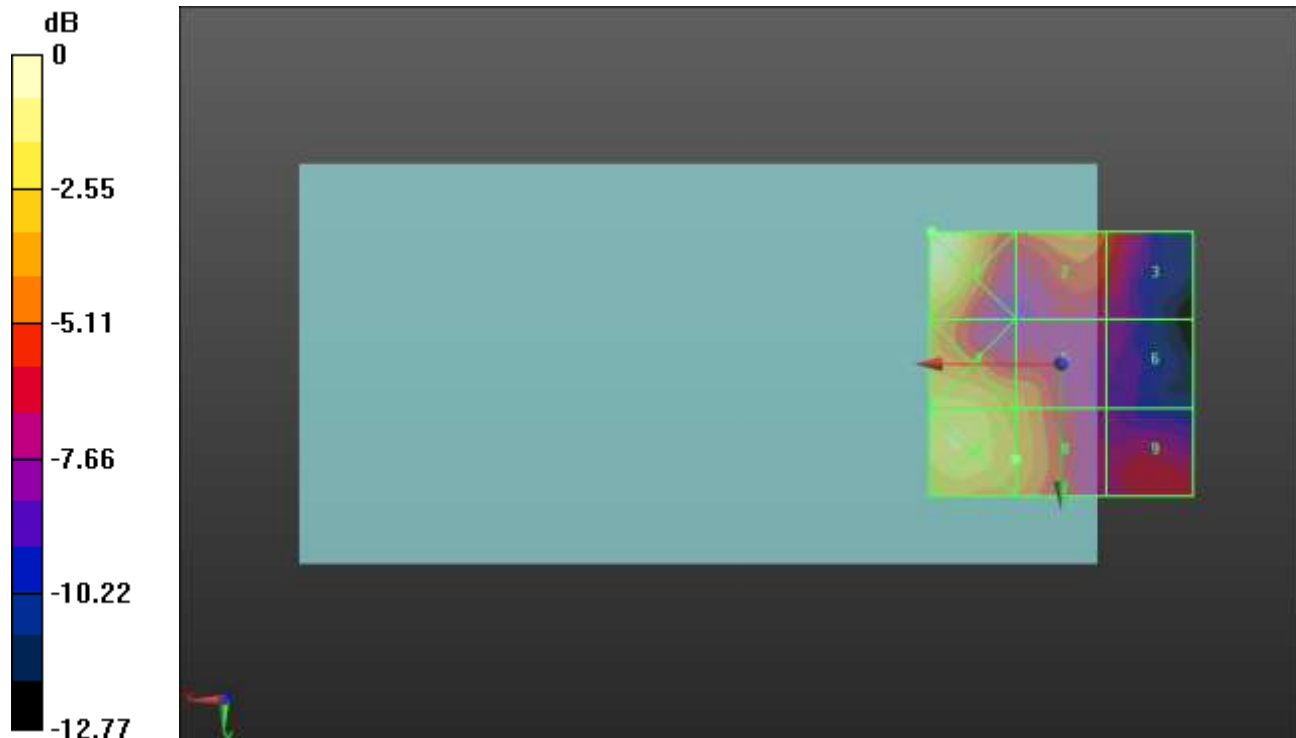
Applied MIF = -3.15 dB

RF audio interference level = 16.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.33 dBV/m	Grid 2 M4 16.55 dBV/m	Grid 3 M4 15.2 dBV/m
Grid 4 M4 18.23 dBV/m	Grid 5 M4 16.46 dBV/m	Grid 6 M4 12.82 dBV/m
Grid 7 M4 18.72 dBV/m	Grid 8 M4 16.93 dBV/m	Grid 9 M4 14.37 dBV/m



0 dB = 10.38 V/m = 20.32 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 8.024 V/m; Power Drift = -0.56 dB

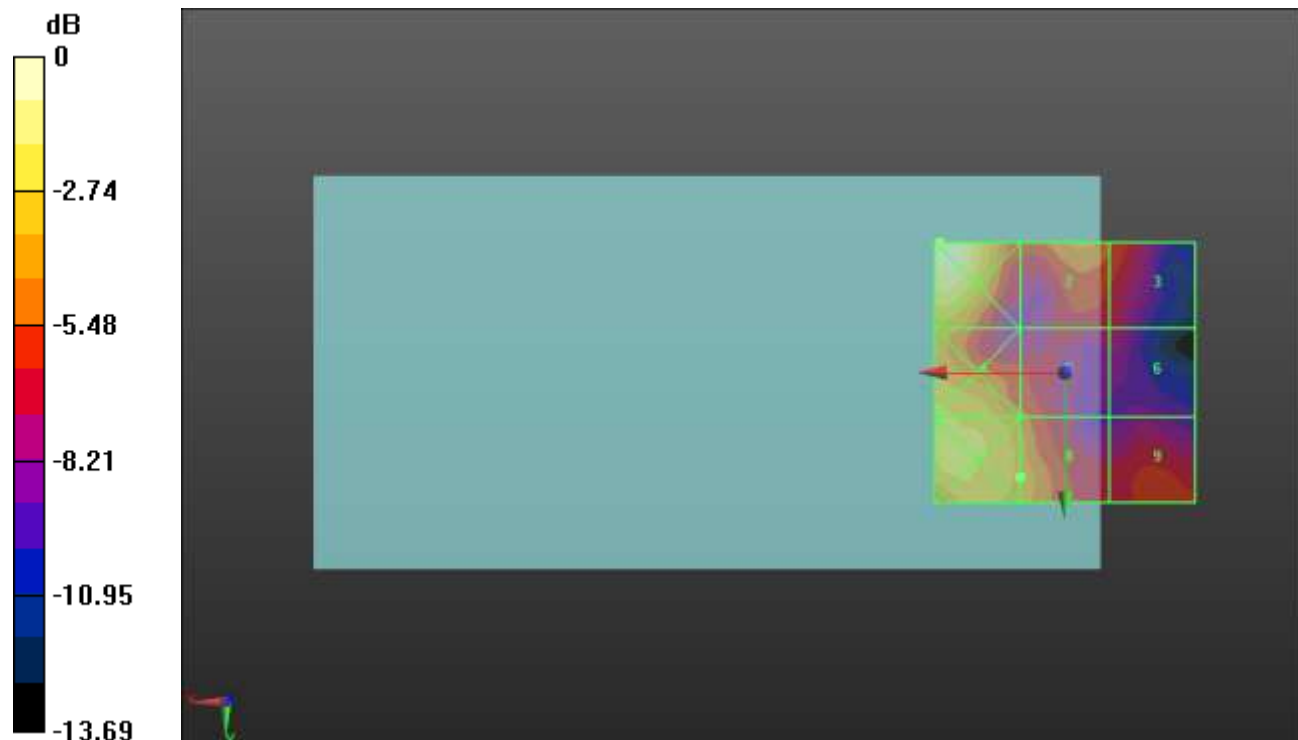
Applied MIF = -3.15 dB

RF audio interference level = 16.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.19 dBV/m	Grid 2 M4 16.01 dBV/m	Grid 3 M4 14.94 dBV/m
Grid 4 M4 17.72 dBV/m	Grid 5 M4 15.3 dBV/m	Grid 6 M4 12.97 dBV/m
Grid 7 M4 17.8 dBV/m	Grid 8 M4 16.27 dBV/m	Grid 9 M4 14.37 dBV/m



0 dB = 10.22 V/m = 20.19 dBV/m

HAC-RF Emission ANT 5

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 7.109 V/m; Power Drift = 0.06 dB

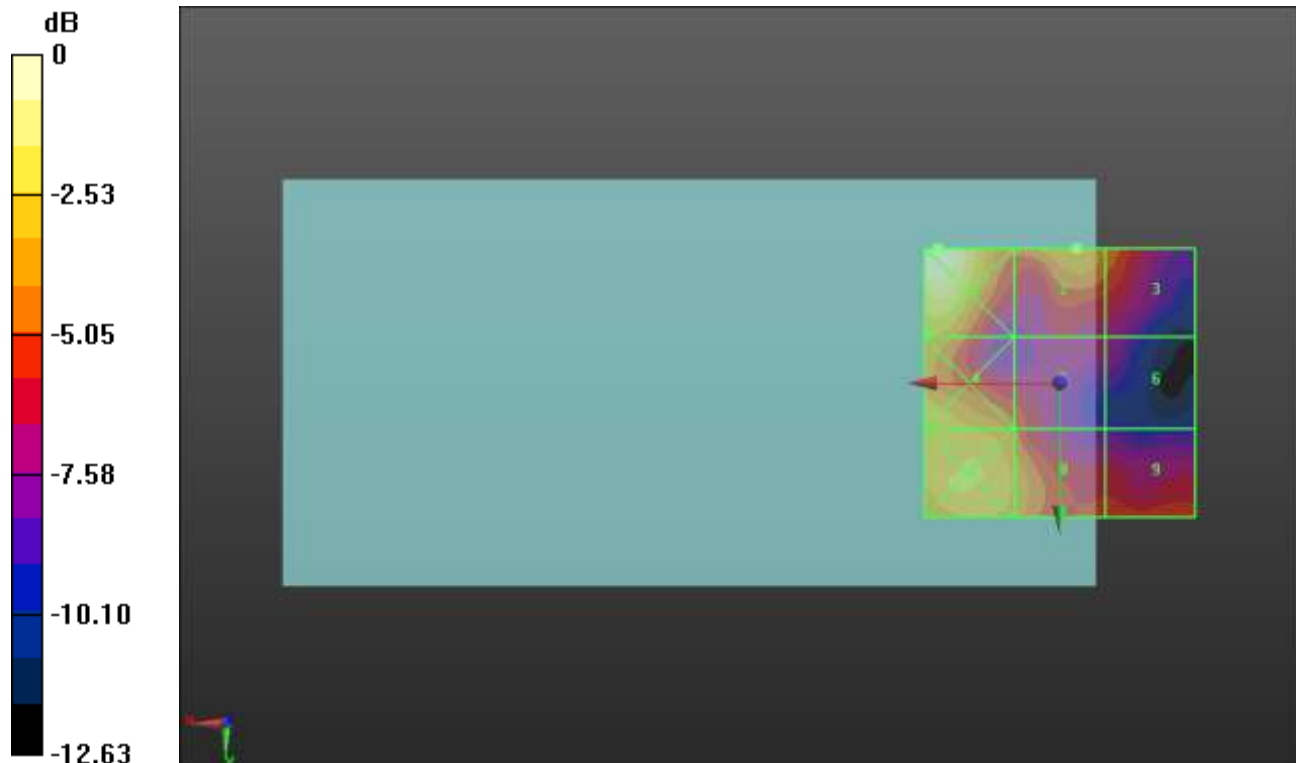
Applied MIF = -3.15 dB

RF audio interference level = 15.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.86 dBV/m	Grid 2 M4 15.75 dBV/m	Grid 3 M4 14.78 dBV/m
Grid 4 M4 16.17 dBV/m	Grid 5 M4 14.12 dBV/m	Grid 6 M4 11.65 dBV/m
Grid 7 M4 16.45 dBV/m	Grid 8 M4 15.41 dBV/m	Grid 9 M4 13.69 dBV/m



0 dB = 8.768 V/m = 18.86 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.34 V/m; Power Drift = -0.06 dB

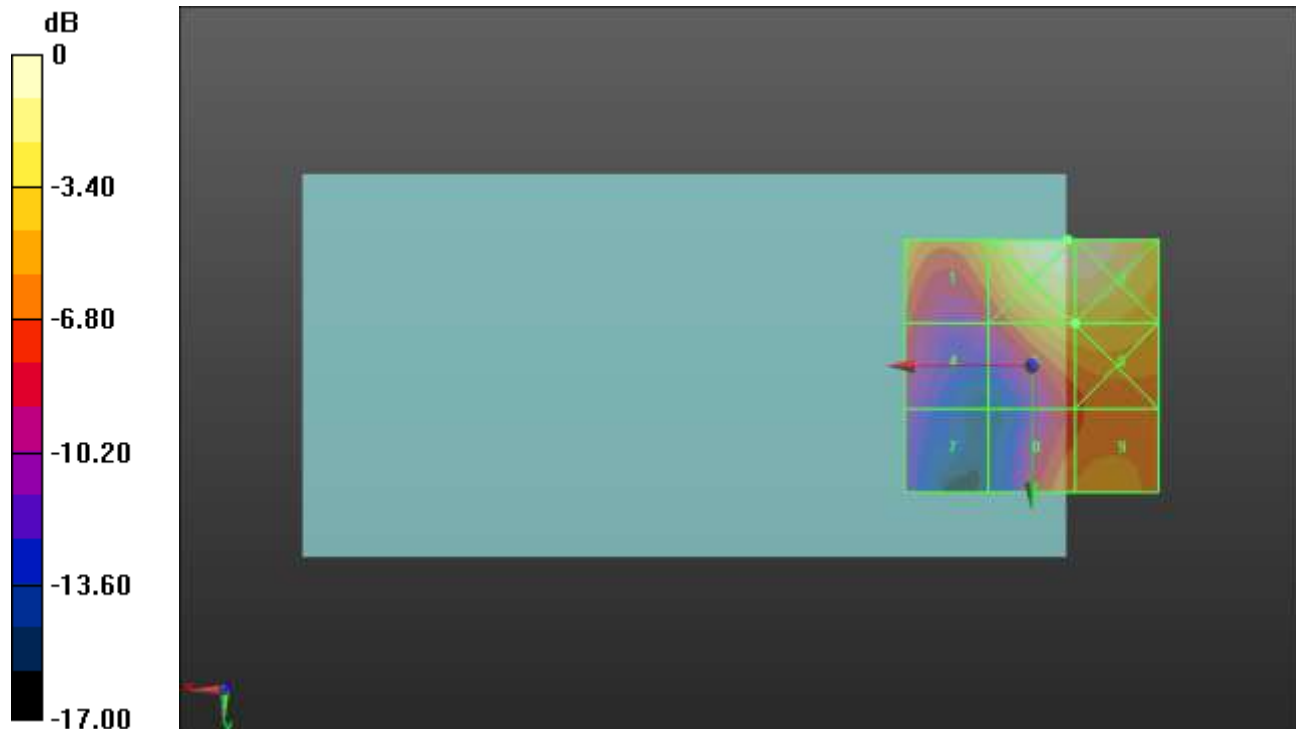
Applied MIF = -1.44 dB

RF audio interference level = 22.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.23 dBV/m	Grid 2 M4 25.92 dBV/m	Grid 3 M4 25.87 dBV/m
Grid 4 M4 18.76 dBV/m	Grid 5 M4 22.61 dBV/m	Grid 6 M4 22.76 dBV/m
Grid 7 M4 16.11 dBV/m	Grid 8 M4 20.47 dBV/m	Grid 9 M4 20.91 dBV/m



0 dB = 19.77 V/m = 25.92 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 40185/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.435 V/m; Power Drift = -0.38 dB

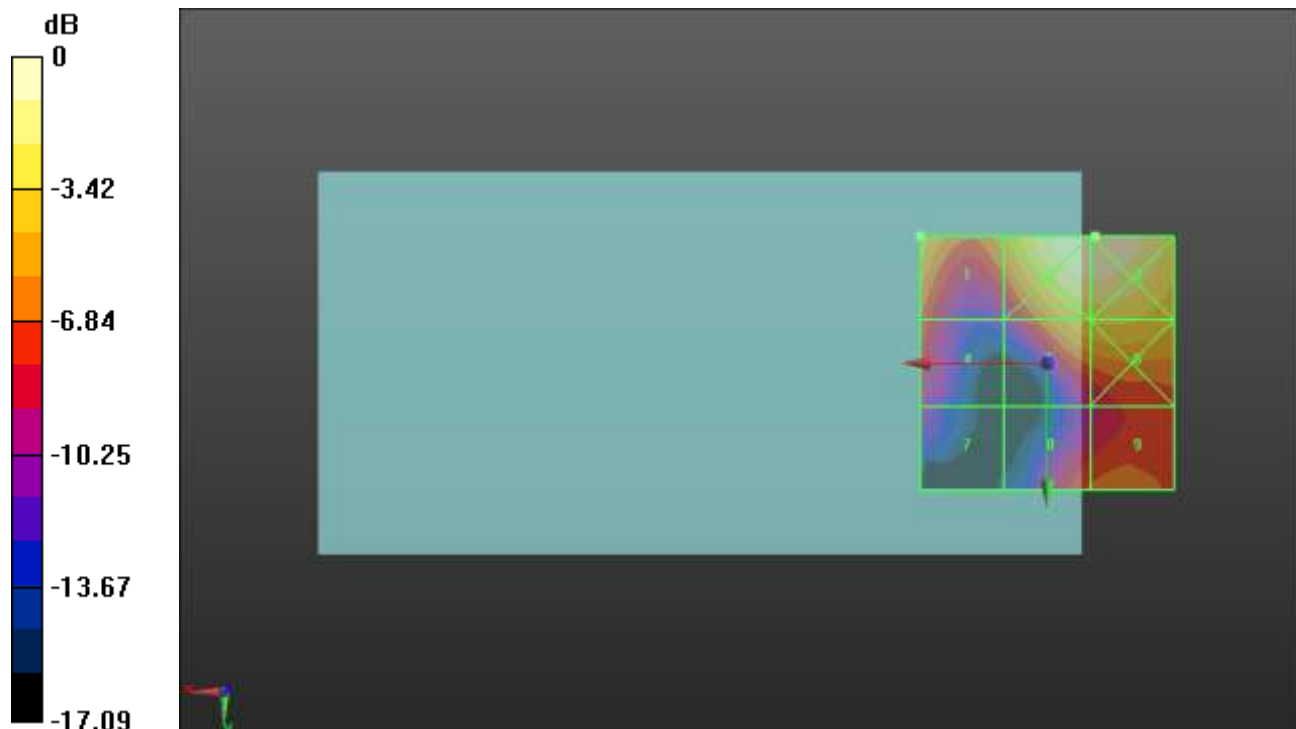
Applied MIF = -1.44 dB

RF audio interference level = 22.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.53 dBV/m	Grid 2 M4 25.79 dBV/m	Grid 3 M4 25.81 dBV/m
Grid 4 M4 18.91 dBV/m	Grid 5 M4 22.43 dBV/m	Grid 6 M4 22.69 dBV/m
Grid 7 M4 15.85 dBV/m	Grid 8 M4 19.26 dBV/m	Grid 9 M4 19.69 dBV/m



0 dB = 19.52 V/m = 25.81 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 10.52 V/m; Power Drift = -0.03 dB

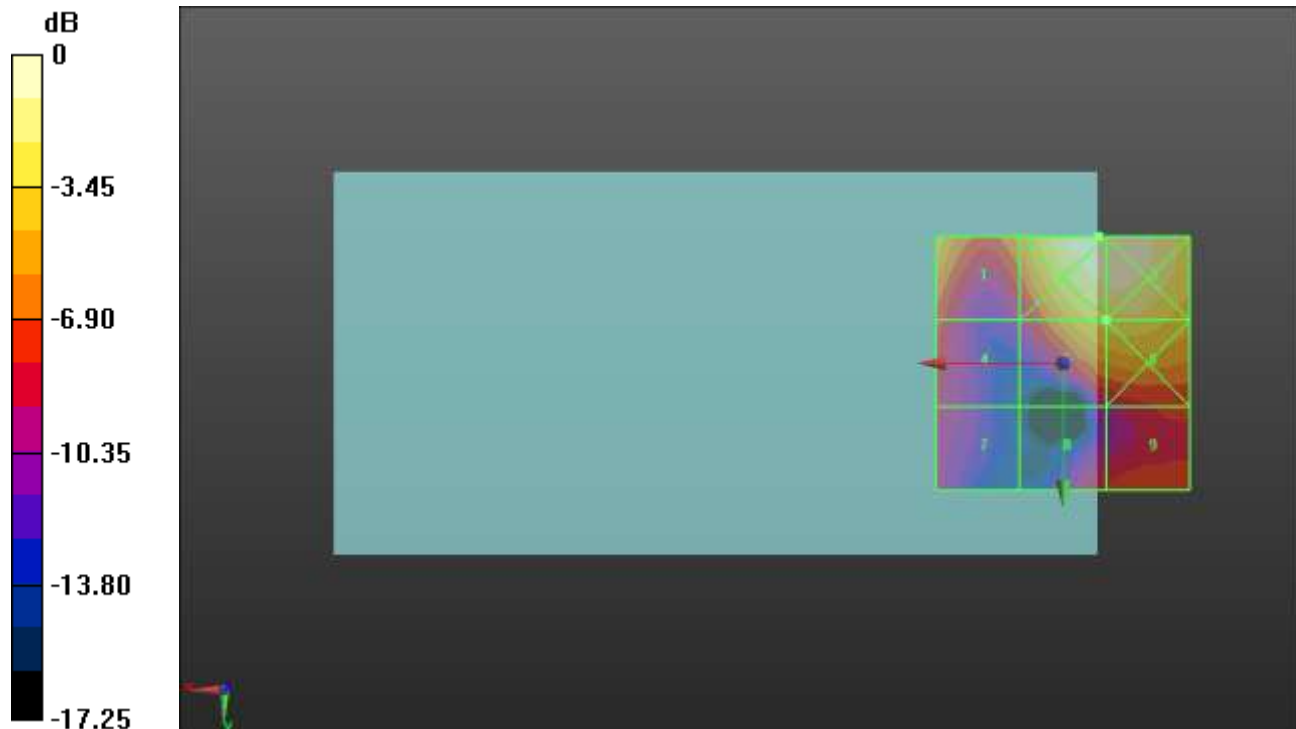
Applied MIF = -1.44 dB

RF audio interference level = 22.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.69 dBV/m	Grid 2 M4 25.27 dBV/m	Grid 3 M4 25.2 dBV/m
Grid 4 M4 17.95 dBV/m	Grid 5 M4 22.4 dBV/m	Grid 6 M4 22.73 dBV/m
Grid 7 M4 16.32 dBV/m	Grid 8 M4 17.46 dBV/m	Grid 9 M4 18.28 dBV/m



0 dB = 18.35 V/m = 25.27 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 41055/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.917 V/m; Power Drift = -0.04 dB

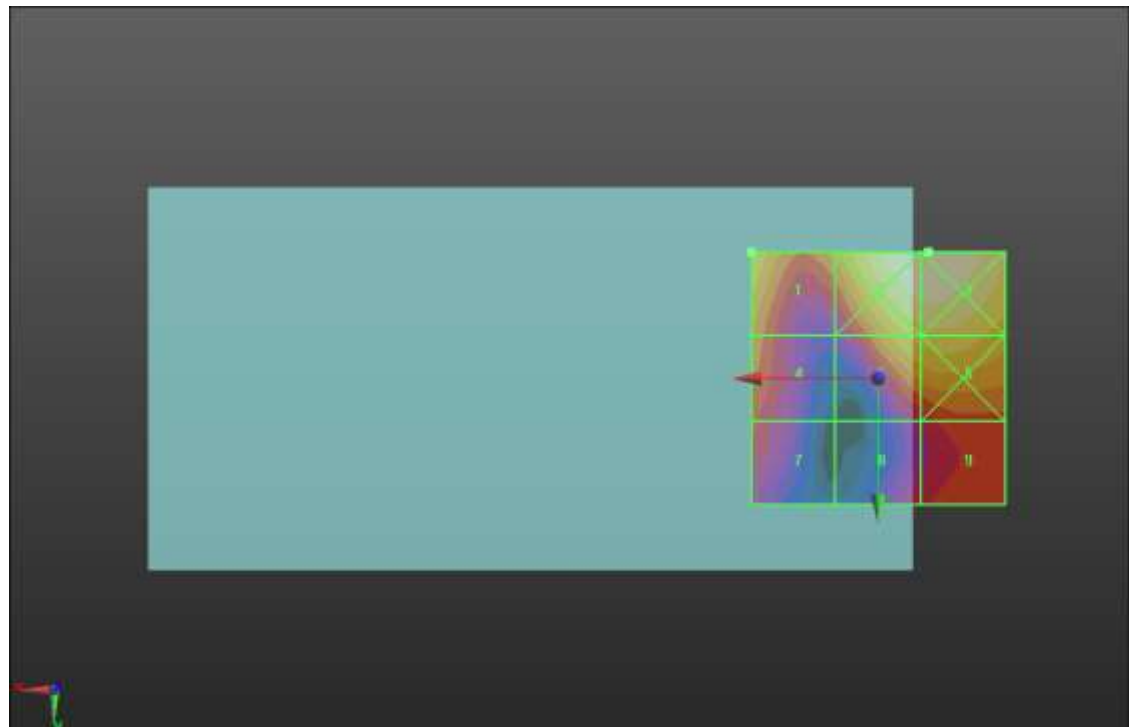
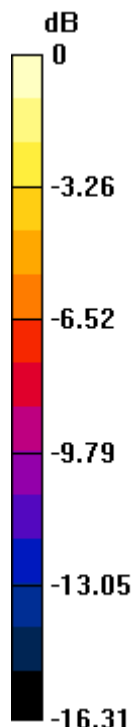
Applied MIF = -1.44 dB

RF audio interference level = 21.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.85 dBV/m	Grid 2 M4 24.45 dBV/m	Grid 3 M4 24.46 dBV/m
Grid 4 M4 19.13 dBV/m	Grid 5 M4 21.77 dBV/m	Grid 6 M4 22.05 dBV/m
Grid 7 M4 17.25 dBV/m	Grid 8 M4 16.47 dBV/m	Grid 9 M4 17.62 dBV/m



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

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, 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 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.035 V/m; Power Drift = 0.01 dB

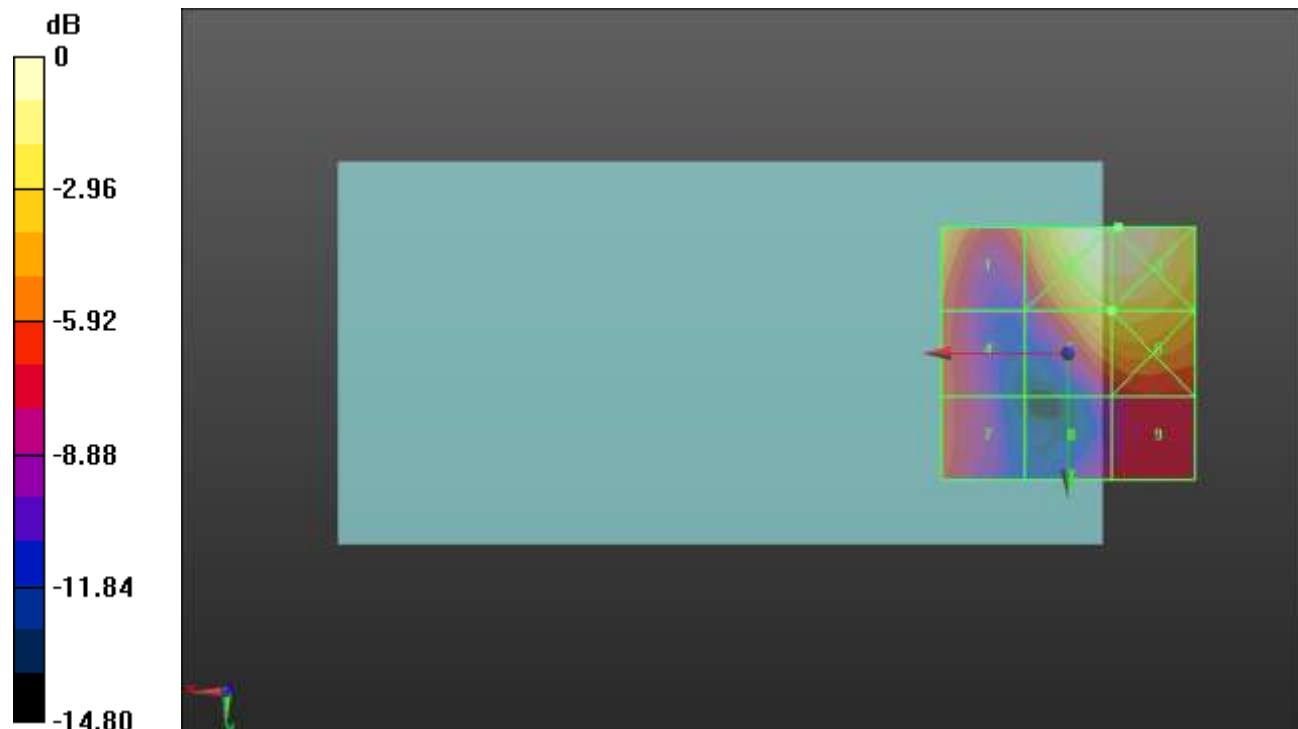
Applied MIF = -1.44 dB

RF audio interference level = 20.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.96 dBV/m	Grid 2 M4 22.94 dBV/m	Grid 3 M4 22.99 dBV/m
Grid 4 M4 16.97 dBV/m	Grid 5 M4 20.43 dBV/m	Grid 6 M4 20.67 dBV/m
Grid 7 M4 16.76 dBV/m	Grid 8 M4 15.47 dBV/m	Grid 9 M4 16.18 dBV/m



0 dB = 14.10 V/m = 22.98 dBV/m