

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 = 15.02 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.58 dBV/m	Grid 2 M4 25.85 dBV/m	Grid 3 M4 25.85 dBV/m
Grid 4 M4 24.51 dBV/m	Grid 5 M4 25.82 dBV/m	Grid 6 M4 25.82 dBV/m
Grid 7 M4 24.49 dBV/m	Grid 8 M4 25.6 dBV/m	Grid 9 M4 25.59 dBV/m



0 dB = 19.62 V/m = 25.85 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 = 14.98 V/m; Power Drift = 0.01 dB

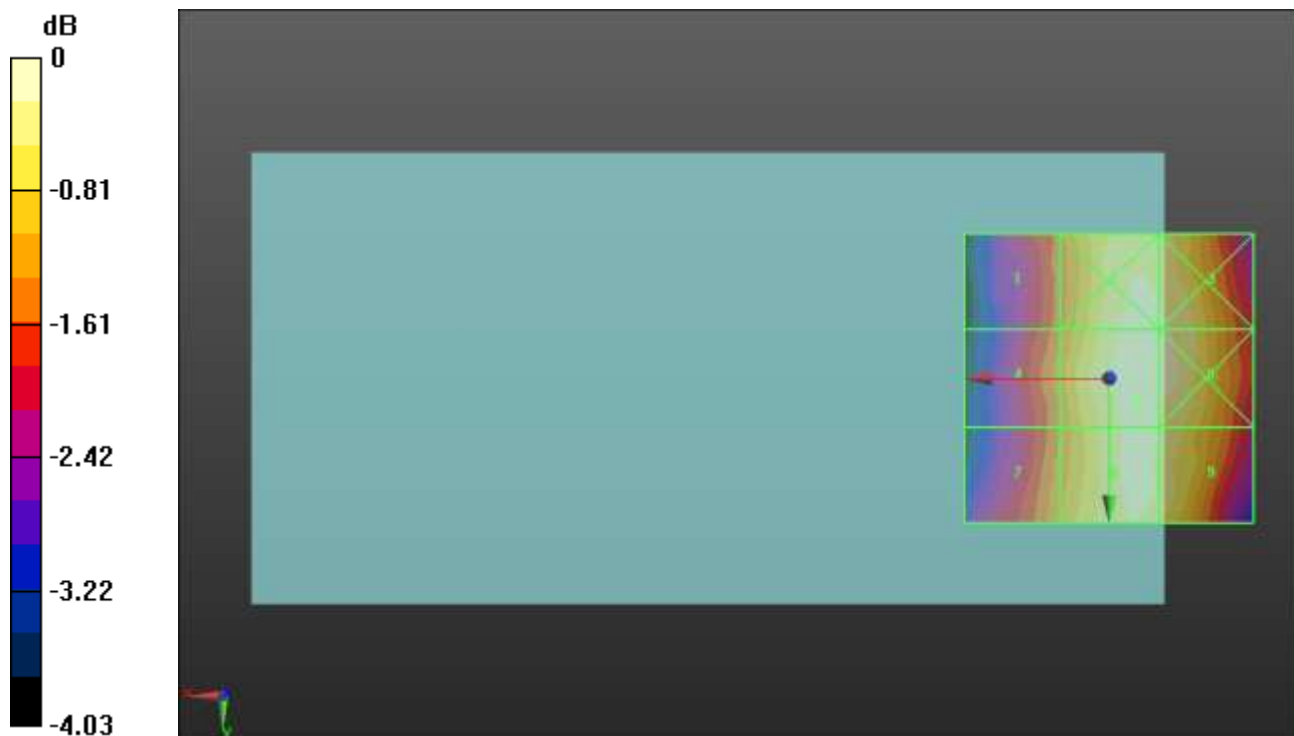
Applied MIF = 3.63 dB

RF audio interference level = 25.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.31 dBV/m	Grid 2 M4 25.54 dBV/m	Grid 3 M4 25.52 dBV/m
Grid 4 M4 24.56 dBV/m	Grid 5 M4 25.7 dBV/m	Grid 6 M4 25.63 dBV/m
Grid 7 M4 24.6 dBV/m	Grid 8 M4 25.58 dBV/m	Grid 9 M4 25.48 dBV/m



0 dB = 19.29 V/m = 25.71 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 = 15.03 V/m; Power Drift = -0.01 dB

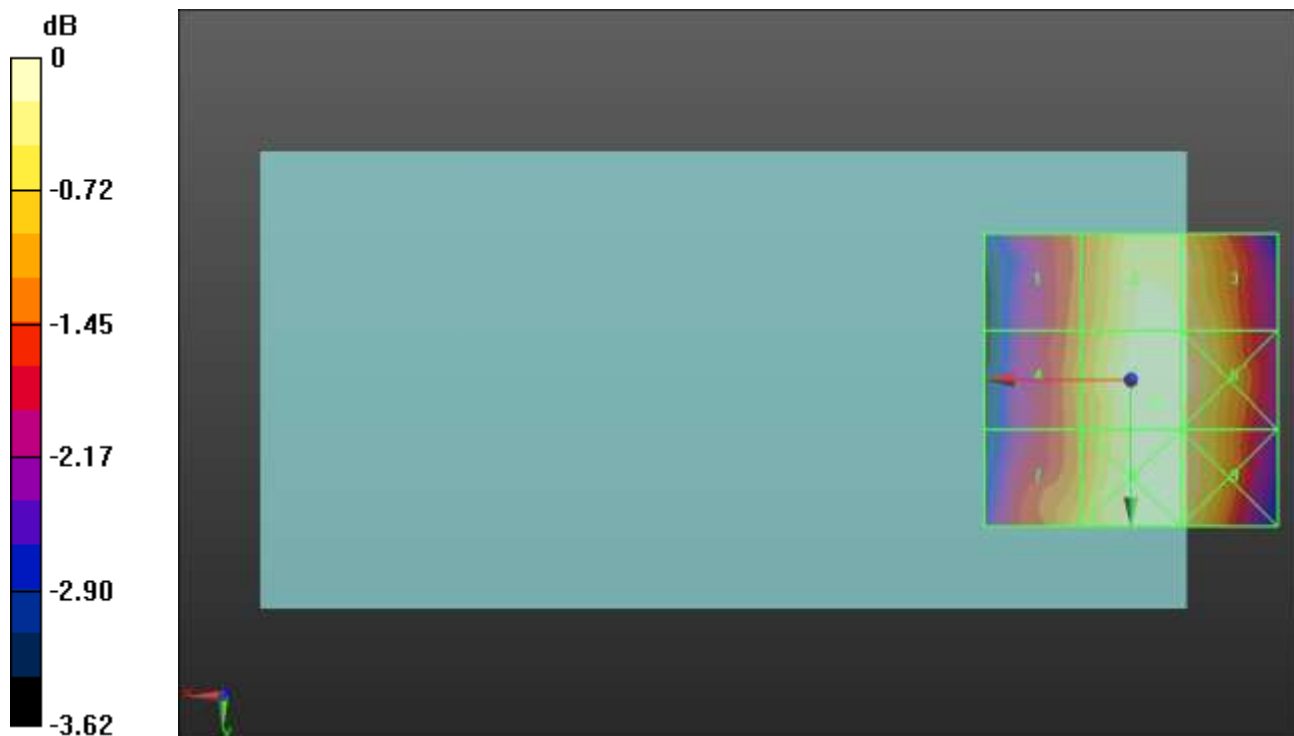
Applied MIF = 3.63 dB

RF audio interference level = 25.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.37 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 25.33 dBV/m
Grid 4 M4 24.54 dBV/m	Grid 5 M4 25.54 dBV/m	Grid 6 M4 25.47 dBV/m
Grid 7 M4 24.85 dBV/m	Grid 8 M4 25.53 dBV/m	Grid 9 M4 25.31 dBV/m



0 dB = 18.91 V/m = 25.53 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 = 10.17 V/m; Power Drift = -0.16 dB

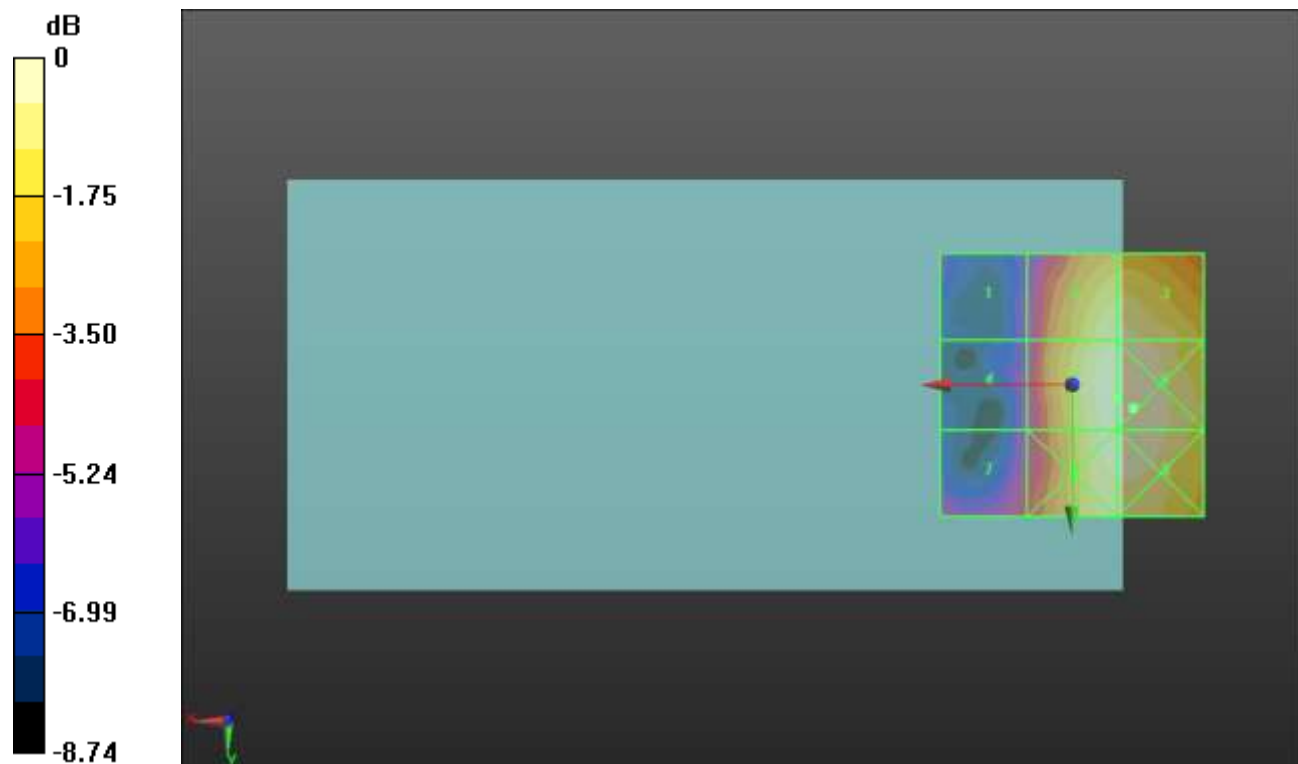
Applied MIF = 3.63 dB

RF audio interference level = 23.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.96 dBV/m	Grid 2 M4 22.83 dBV/m	Grid 3 M4 22.92 dBV/m
Grid 4 M4 18.38 dBV/m	Grid 5 M4 23.22 dBV/m	Grid 6 M4 23.31 dBV/m
Grid 7 M4 19.13 dBV/m	Grid 8 M4 23.12 dBV/m	Grid 9 M4 23.23 dBV/m



0 dB = 14.64 V/m = 23.31 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 = 9.925 V/m; Power Drift = -0.10 dB

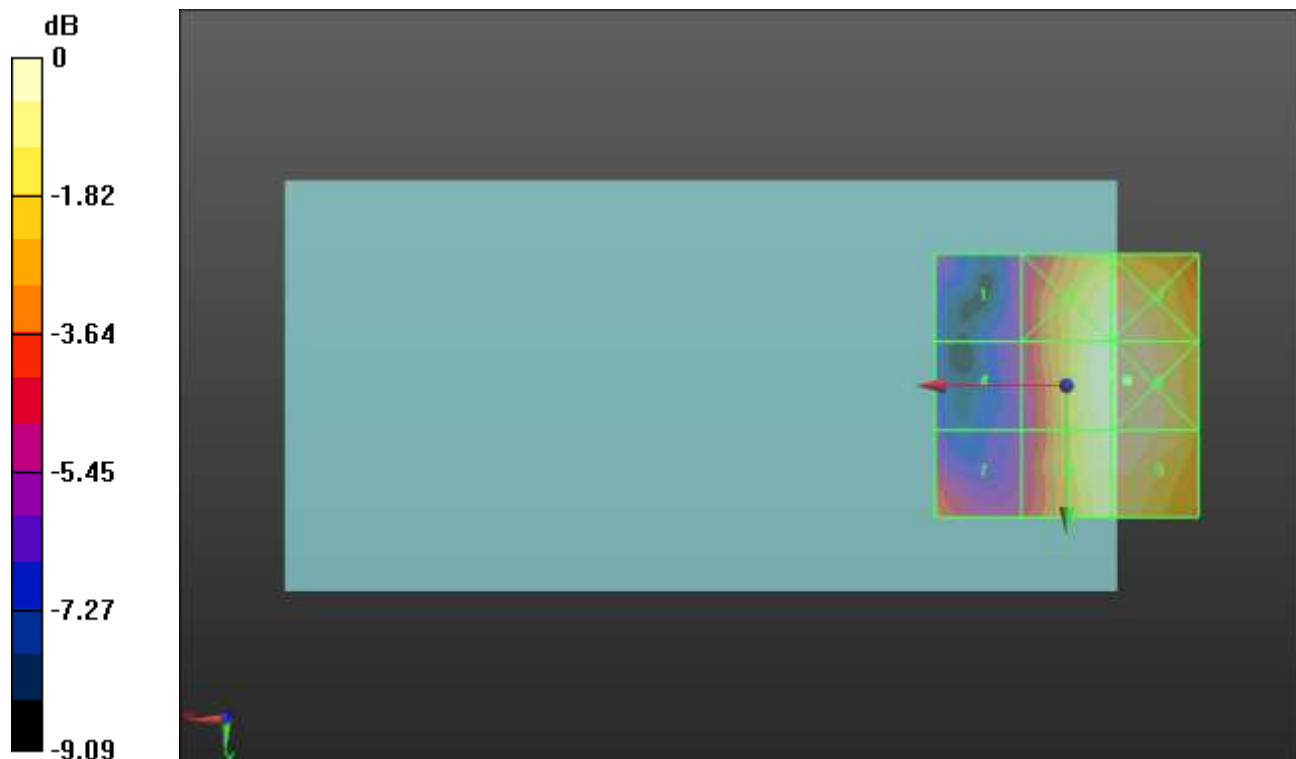
Applied MIF = 3.63 dB

RF audio interference level = 23.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.21 dBV/m	Grid 2 M4 23.03 dBV/m	Grid 3 M4 23.11 dBV/m
Grid 4 M4 18.14 dBV/m	Grid 5 M4 23.17 dBV/m	Grid 6 M4 23.23 dBV/m
Grid 7 M4 19.95 dBV/m	Grid 8 M4 22.85 dBV/m	Grid 9 M4 22.97 dBV/m



0 dB = 14.51 V/m = 23.23 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 = 9.445 V/m; Power Drift = -0.13 dB

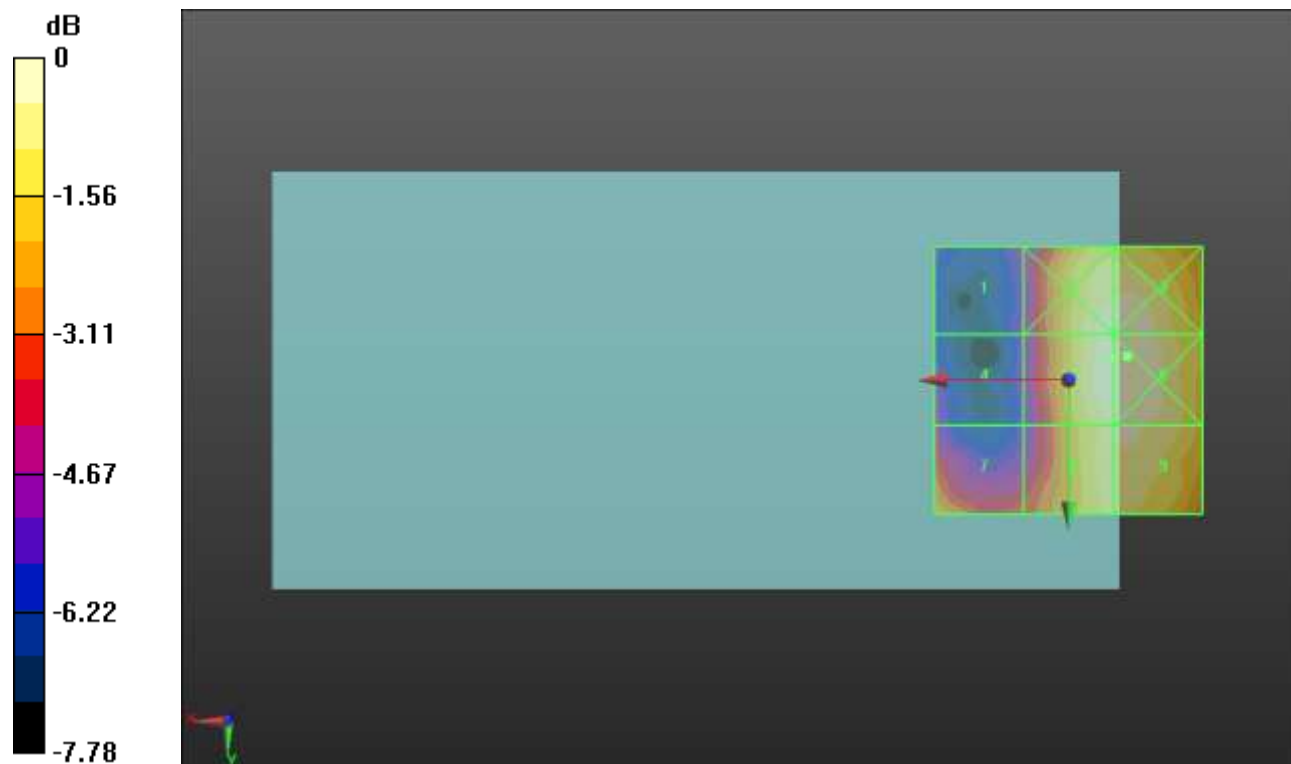
Applied MIF = 3.63 dB

RF audio interference level = 22.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.36 dBV/m	Grid 2 M4 22.91 dBV/m	Grid 3 M4 23 dBV/m
Grid 4 M4 18.48 dBV/m	Grid 5 M4 22.92 dBV/m	Grid 6 M4 23.02 dBV/m
Grid 7 M4 20.97 dBV/m	Grid 8 M4 22.6 dBV/m	Grid 9 M4 22.77 dBV/m



0 dB = 14.16 V/m = 23.02 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 = 56.15 V/m; Power Drift = -0.03 dB

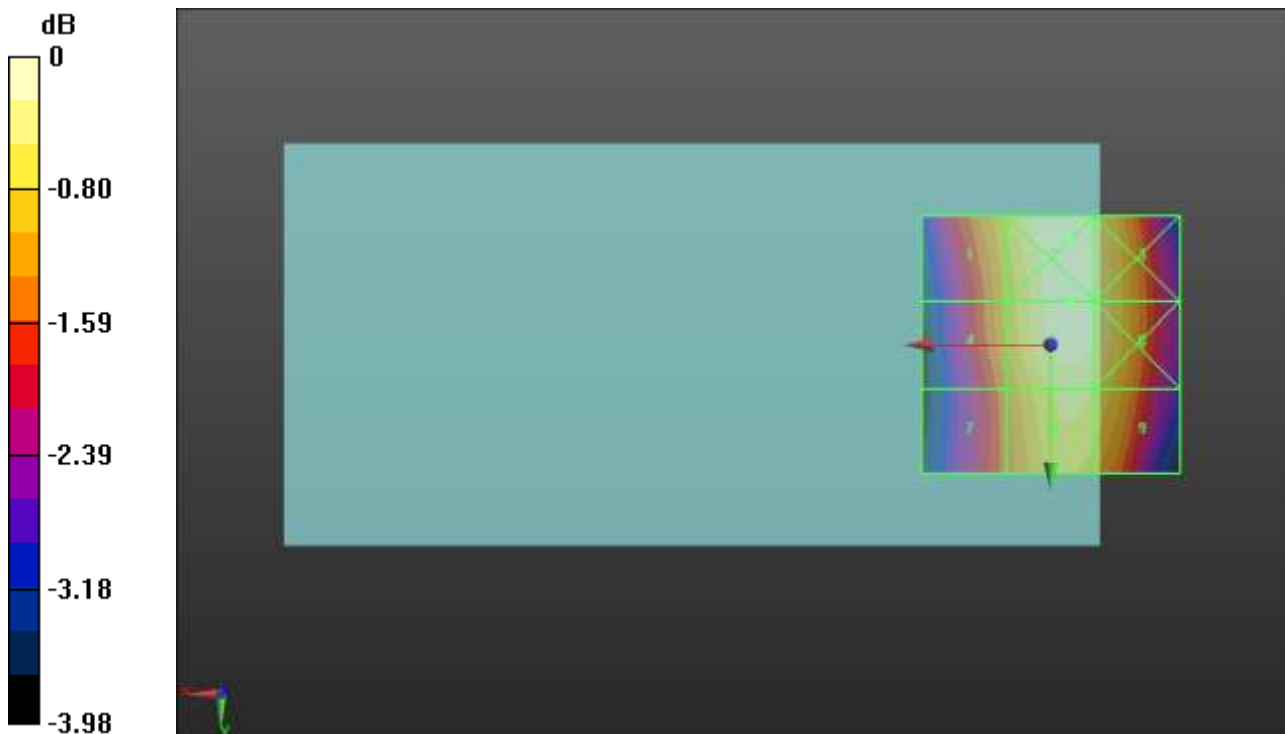
Applied MIF = 3.26 dB

RF audio interference level = 36.45 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 35.81 dBV/m	Grid 2 M4 36.53 dBV/m	Grid 3 M4 36.31 dBV/m
Grid 4 M4 35.55 dBV/m	Grid 5 M4 36.45 dBV/m	Grid 6 M4 36.3 dBV/m
Grid 7 M4 35.21 dBV/m	Grid 8 M4 36.13 dBV/m	Grid 9 M4 36.01 dBV/m



0 dB = 67.06 V/m = 36.53 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 = 53.43 V/m; Power Drift = -0.09 dB

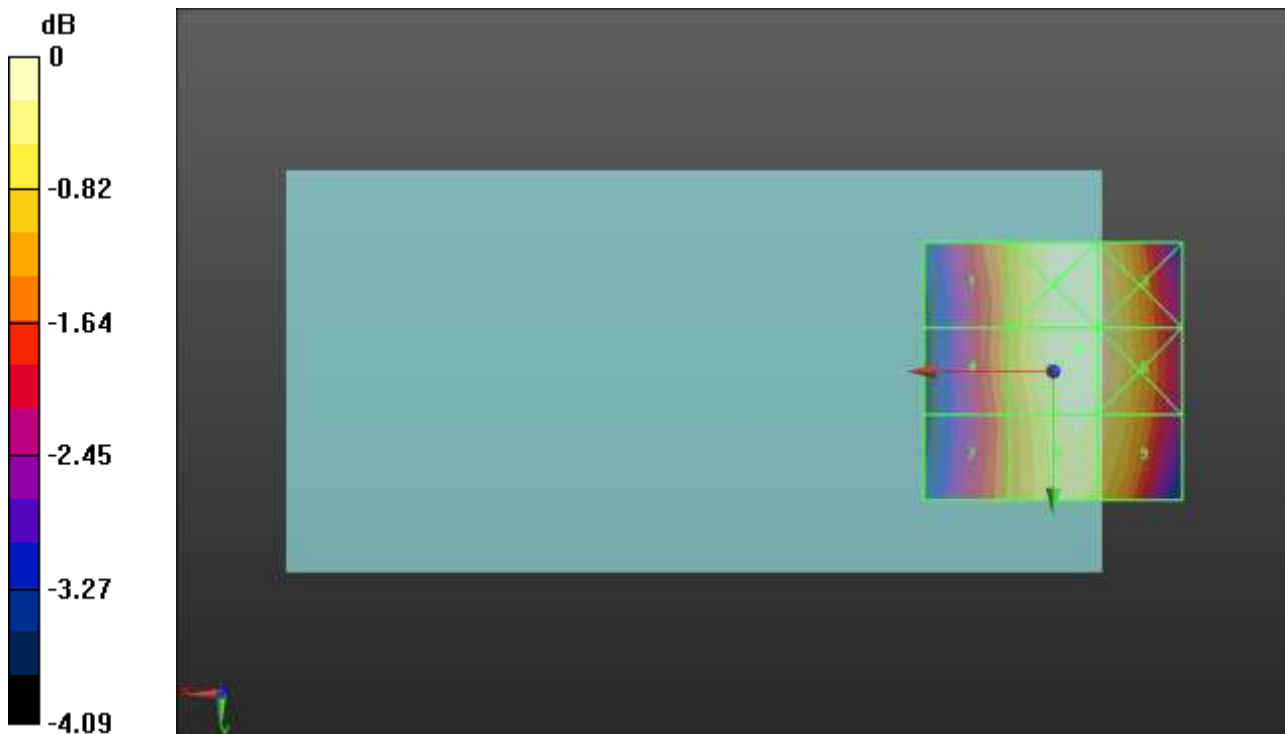
Applied MIF = 3.26 dB

RF audio interference level = 36.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 35.08 dBV/m	Grid 2 M4 36.05 dBV/m	Grid 3 M4 35.97 dBV/m
Grid 4 M4 35.03 dBV/m	Grid 5 M4 36.1 dBV/m	Grid 6 M4 35.98 dBV/m
Grid 7 M4 34.82 dBV/m	Grid 8 M4 35.88 dBV/m	Grid 9 M4 35.77 dBV/m



0 dB = 63.80 V/m = 36.10 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 = 50.23 V/m; Power Drift = -0.12 dB

Applied MIF = 3.26 dB

RF audio interference level = 35.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 34.51 dBV/m	Grid 2 M4 35.53 dBV/m	Grid 3 M4 35.48 dBV/m
Grid 4 M4 34.46 dBV/m	Grid 5 M4 35.57 dBV/m	Grid 6 M4 35.51 dBV/m
Grid 7 M4 34.29 dBV/m	Grid 8 M4 35.36 dBV/m	Grid 9 M4 35.31 dBV/m



0 dB = 60.03 V/m = 35.57 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 = 33.70 V/m; Power Drift = -0.17 dB

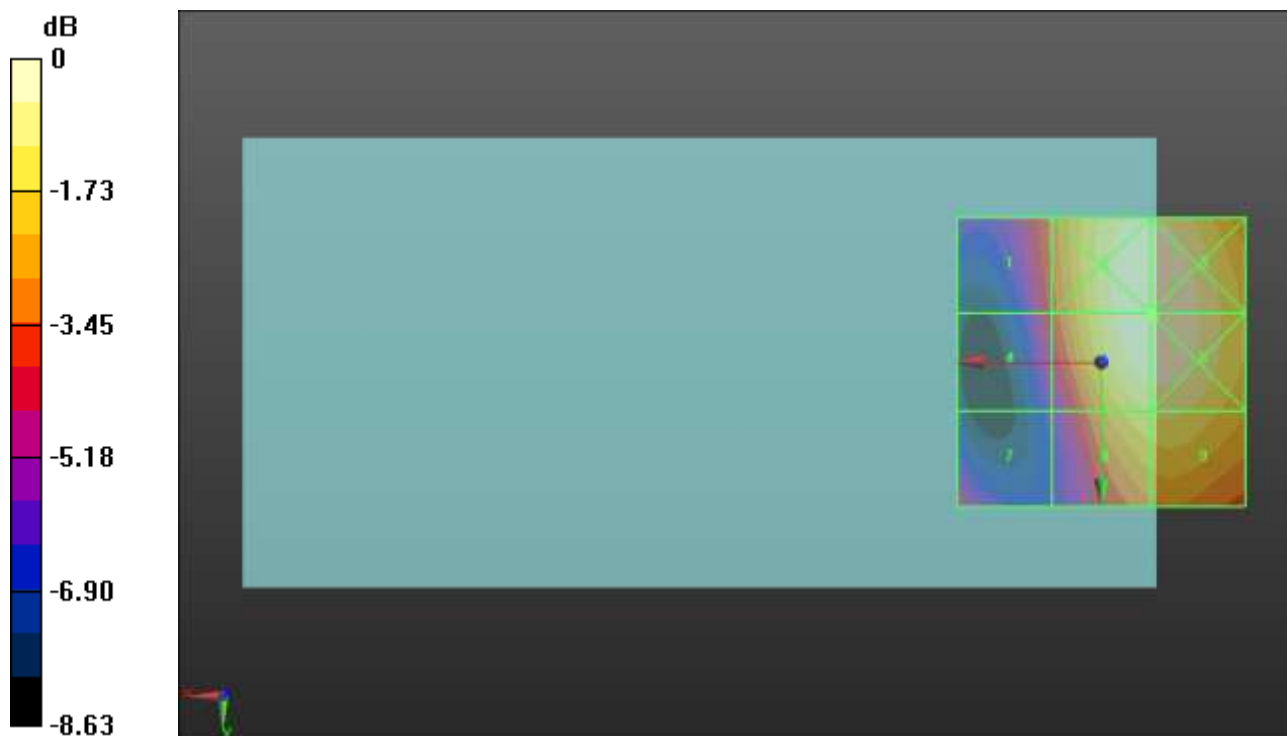
Applied MIF = 3.26 dB

RF audio interference level = 33.15 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 29.95 dBV/m	Grid 2 M3 33.15 dBV/m	Grid 3 M3 33.16 dBV/m
Grid 4 M4 29.31 dBV/m	Grid 5 M3 33.15 dBV/m	Grid 6 M3 33.16 dBV/m
Grid 7 M4 28.72 dBV/m	Grid 8 M3 32.06 dBV/m	Grid 9 M3 32.16 dBV/m



0 dB = 45.48 V/m = 33.16 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 = 31.62 V/m; Power Drift = -0.07 dB

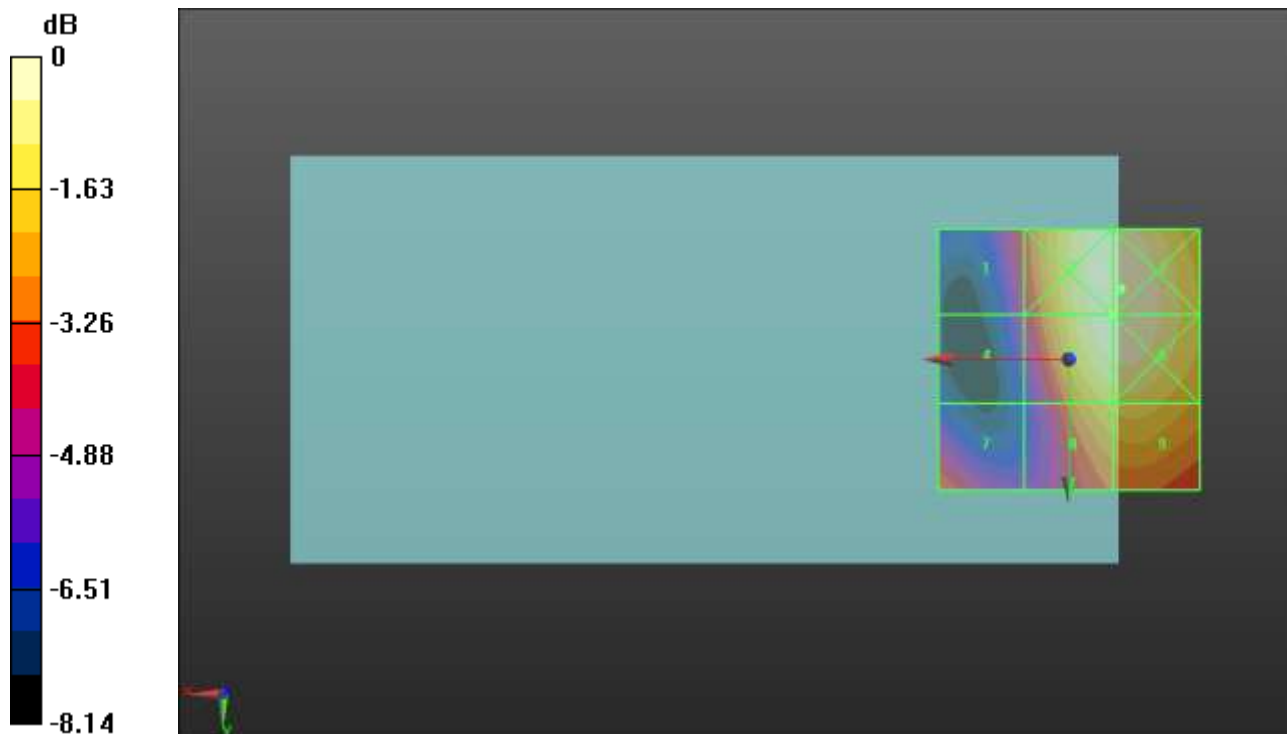
Applied MIF = 3.26 dB

RF audio interference level = 33.16 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 29.62 dBV/m	Grid 2 M3 33.24 dBV/m	Grid 3 M3 33.25 dBV/m
Grid 4 M4 28.81 dBV/m	Grid 5 M3 33.16 dBV/m	Grid 6 M3 33.19 dBV/m
Grid 7 M3 30.29 dBV/m	Grid 8 M3 31.8 dBV/m	Grid 9 M3 31.96 dBV/m



0 dB = 46.00 V/m = 33.26 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 = 28.43 V/m; Power Drift = 0.06 dB

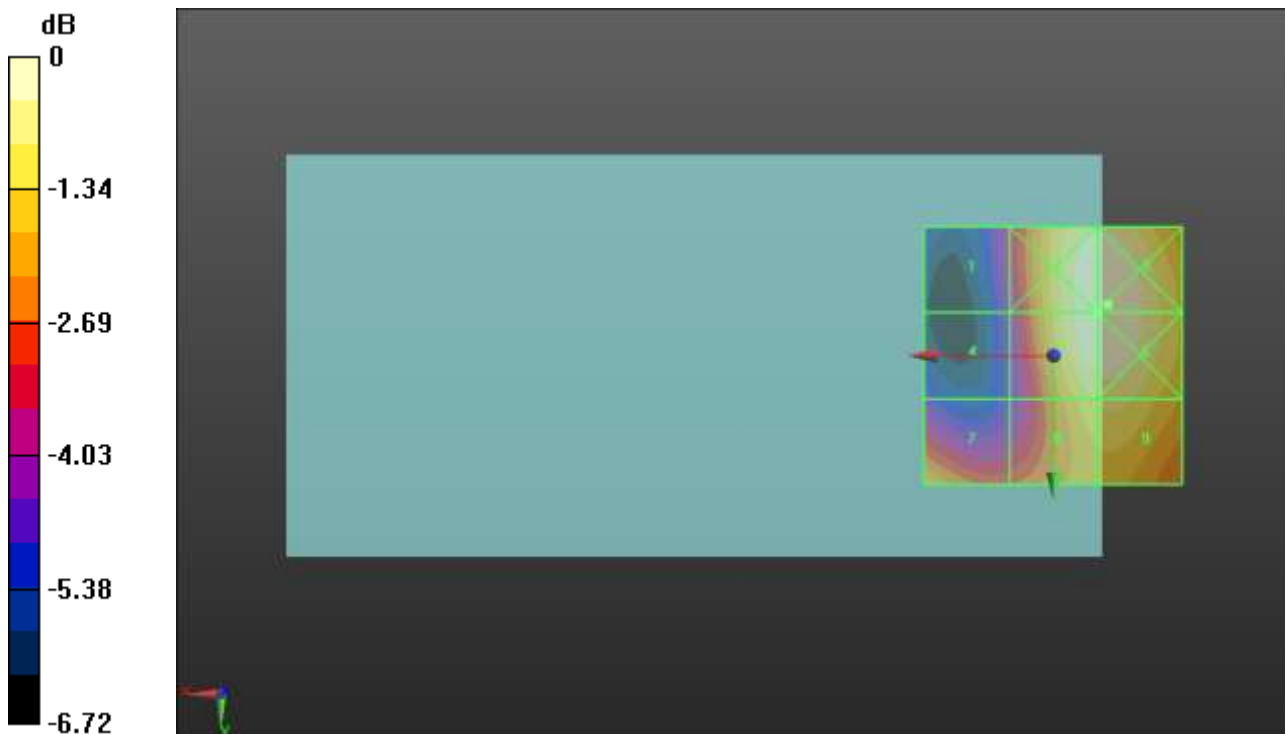
Applied MIF = 3.26 dB

RF audio interference level = 32.14 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 28.55 dBV/m	Grid 2 M3 32.14 dBV/m	Grid 3 M3 32.18 dBV/m
Grid 4 M4 28.08 dBV/m	Grid 5 M3 32.14 dBV/m	Grid 6 M3 32.17 dBV/m
Grid 7 M3 30.67 dBV/m	Grid 8 M3 31.34 dBV/m	Grid 9 M3 31.44 dBV/m



0 dB = 40.63 V/m = 32.18 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 = 47.27 V/m; Power Drift = 0.04 dB

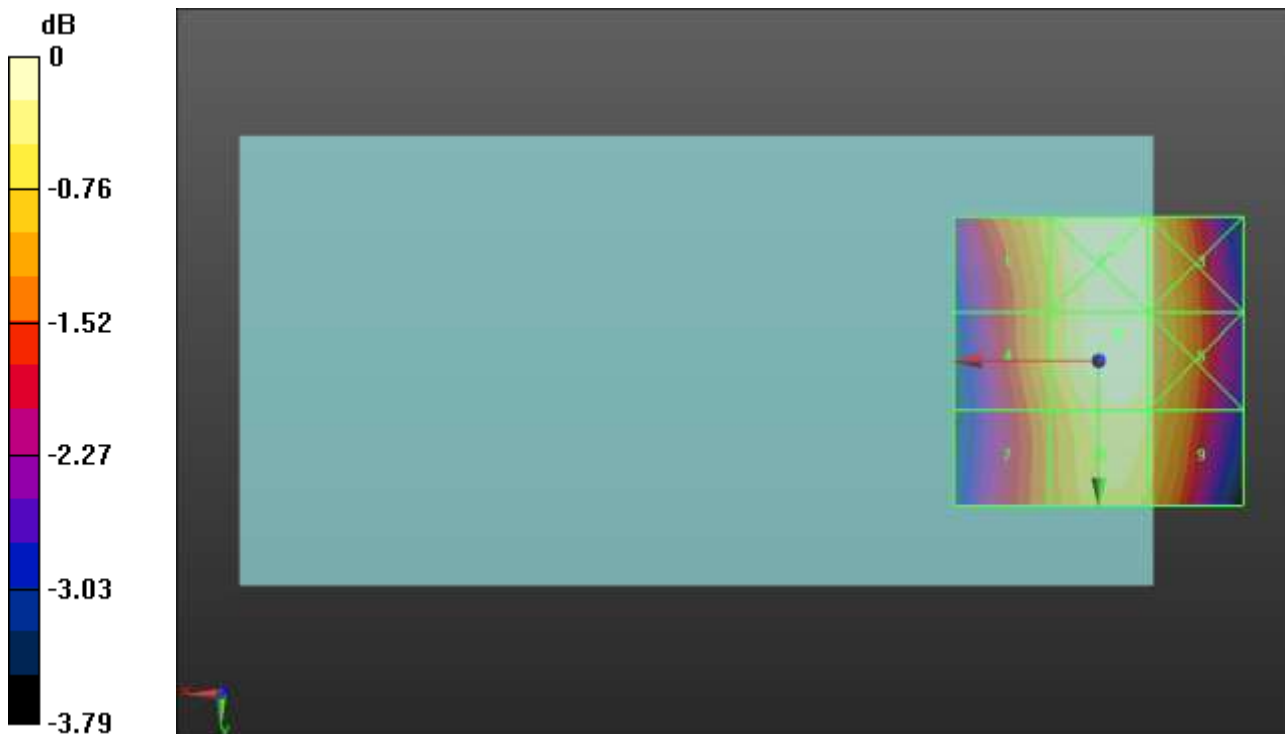
Applied MIF = 3.26 dB

RF audio interference level = 35.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 34.47 dBV/m	Grid 2 M4 35.05 dBV/m	Grid 3 M4 34.8 dBV/m
Grid 4 M4 34.27 dBV/m	Grid 5 M4 35.03 dBV/m	Grid 6 M4 34.8 dBV/m
Grid 7 M4 33.99 dBV/m	Grid 8 M4 34.78 dBV/m	Grid 9 M4 34.58 dBV/m



0 dB = 56.55 V/m = 35.05 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 = 49.71 V/m; Power Drift = 0.01 dB

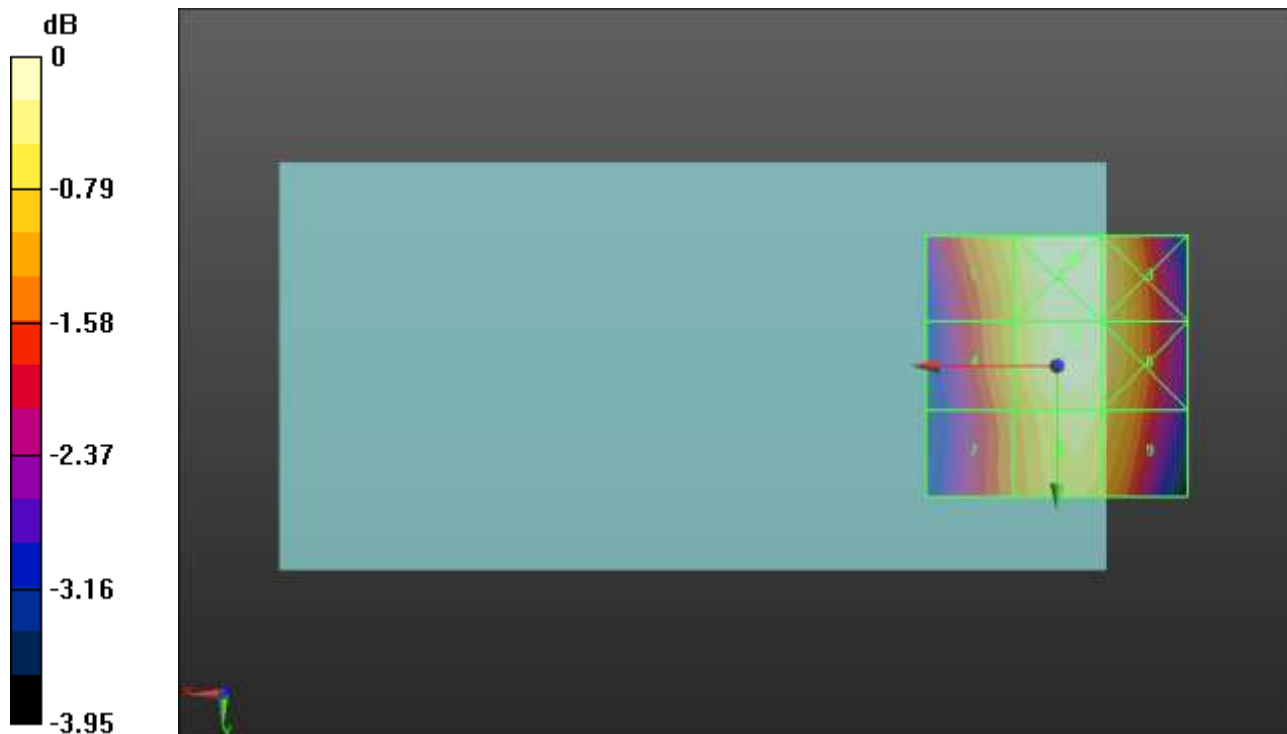
Applied MIF = 3.26 dB

RF audio interference level = 35.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 34.94 dBV/m	Grid 2 M4 35.5 dBV/m	Grid 3 M4 35.26 dBV/m
Grid 4 M4 34.68 dBV/m	Grid 5 M4 35.43 dBV/m	Grid 6 M4 35.24 dBV/m
Grid 7 M4 34.34 dBV/m	Grid 8 M4 35.14 dBV/m	Grid 9 M4 34.95 dBV/m



0 dB = 59.58 V/m = 35.50 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 = 52.05 V/m; Power Drift = -0.00 dB

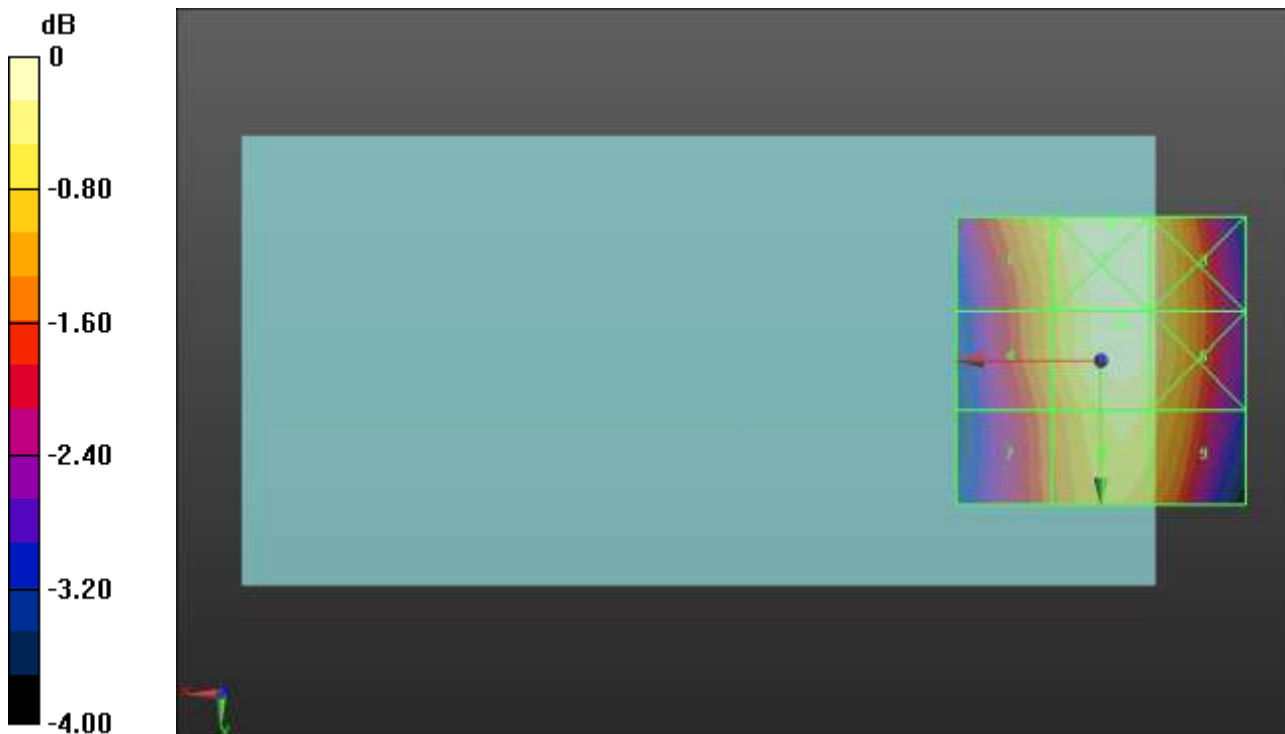
Applied MIF = 3.26 dB

RF audio interference level = 35.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 35.28 dBV/m	Grid 2 M4 35.91 dBV/m	Grid 3 M4 35.64 dBV/m
Grid 4 M4 35.01 dBV/m	Grid 5 M4 35.82 dBV/m	Grid 6 M4 35.62 dBV/m
Grid 7 M4 34.64 dBV/m	Grid 8 M4 35.48 dBV/m	Grid 9 M4 35.3 dBV/m



0 dB = 62.41 V/m = 35.91 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 = 8.402 V/m; Power Drift = -0.09 dB

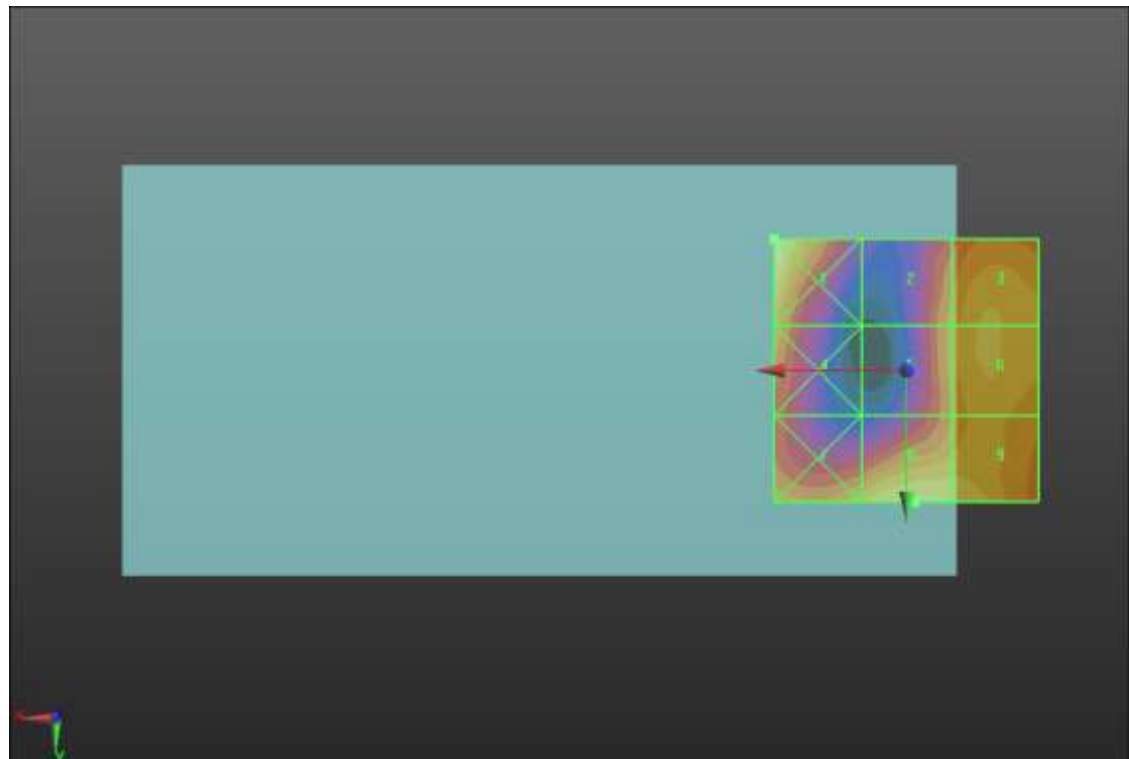
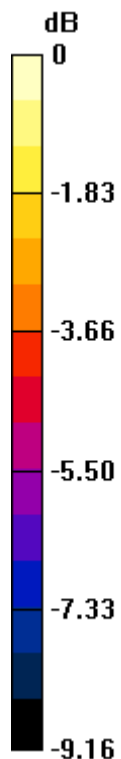
Applied MIF = -1.44 dB

RF audio interference level = 20.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.5 dBV/m	Grid 2 M4 18.72 dBV/m	Grid 3 M4 19.82 dBV/m
Grid 4 M4 19.27 dBV/m	Grid 5 M4 18.79 dBV/m	Grid 6 M4 19.86 dBV/m
Grid 7 M4 19.62 dBV/m	Grid 8 M4 20.61 dBV/m	Grid 9 M4 20.28 dBV/m



0 dB = 11.89 V/m = 21.50 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 = 7.220 V/m; Power Drift = 0.15 dB

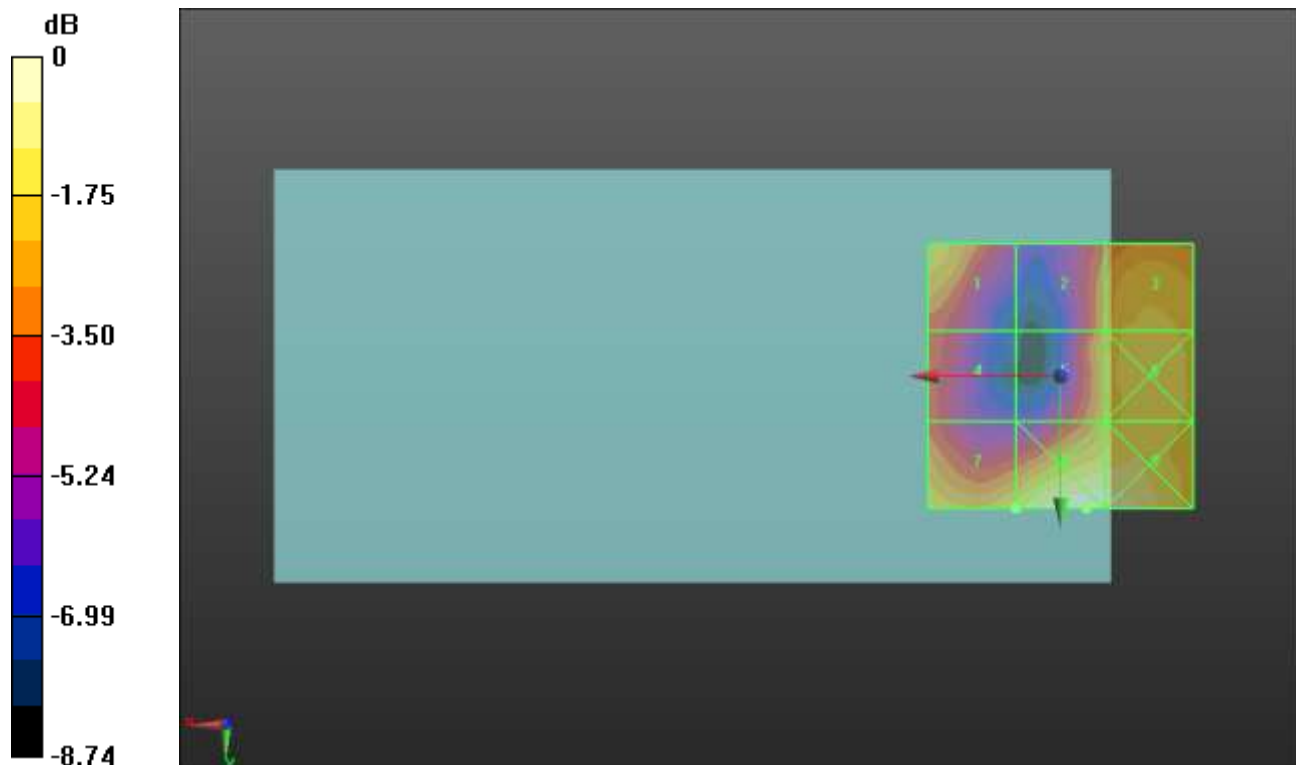
Applied MIF = -1.44 dB

RF audio interference level = 19.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.69 dBV/m	Grid 2 M4 17.9 dBV/m	Grid 3 M4 18.95 dBV/m
Grid 4 M4 16.88 dBV/m	Grid 5 M4 18.27 dBV/m	Grid 6 M4 19.24 dBV/m
Grid 7 M4 19.12 dBV/m	Grid 8 M4 20.47 dBV/m	Grid 9 M4 20.43 dBV/m



0 dB = 10.56 V/m = 20.47 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 = 6.889 V/m; Power Drift = 0.01 dB

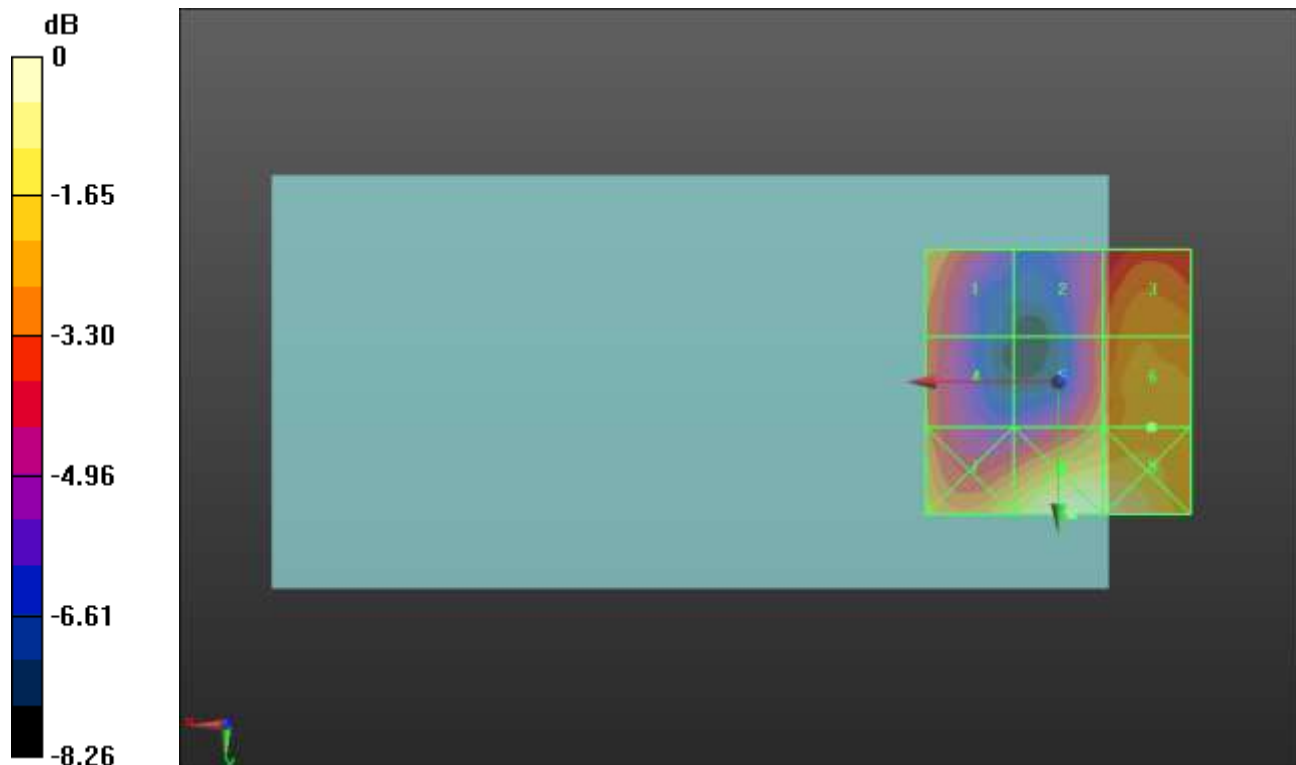
Applied MIF = -1.44 dB

RF audio interference level = 19.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.5 dBV/m	Grid 2 M4 17.7 dBV/m	Grid 3 M4 18.83 dBV/m
Grid 4 M4 18 dBV/m	Grid 5 M4 18.42 dBV/m	Grid 6 M4 19.26 dBV/m
Grid 7 M4 19.89 dBV/m	Grid 8 M4 21.08 dBV/m	Grid 9 M4 20.97 dBV/m



0 dB = 11.32 V/m = 21.08 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 = 6.057 V/m; Power Drift = 0.16 dB

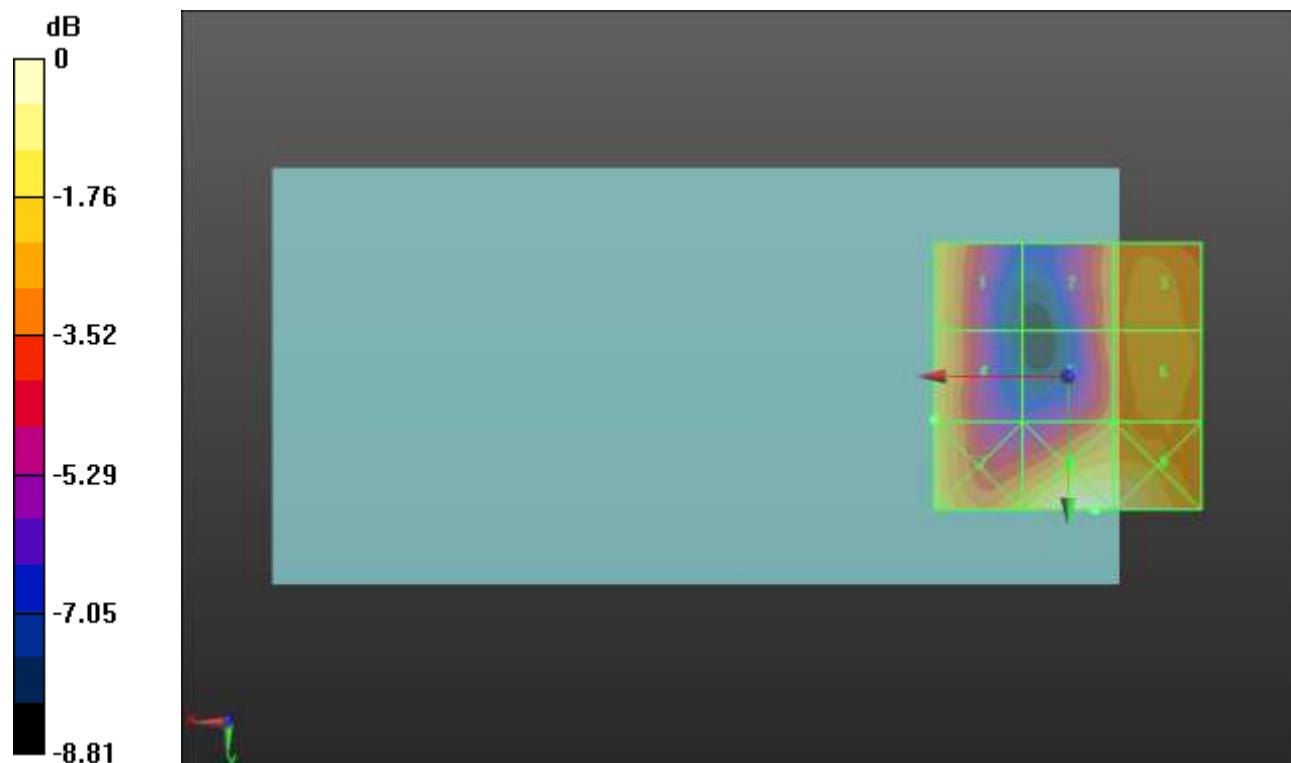
Applied MIF = -1.44 dB

RF audio interference level = 18.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.58 dBV/m	Grid 2 M4 17.33 dBV/m	Grid 3 M4 18.25 dBV/m
Grid 4 M4 18.67 dBV/m	Grid 5 M4 17.42 dBV/m	Grid 6 M4 18.37 dBV/m
Grid 7 M4 18.99 dBV/m	Grid 8 M4 20.2 dBV/m	Grid 9 M4 20.03 dBV/m



0 dB = 10.24 V/m = 20.21 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 = 7.025 V/m; Power Drift = -0.03 dB

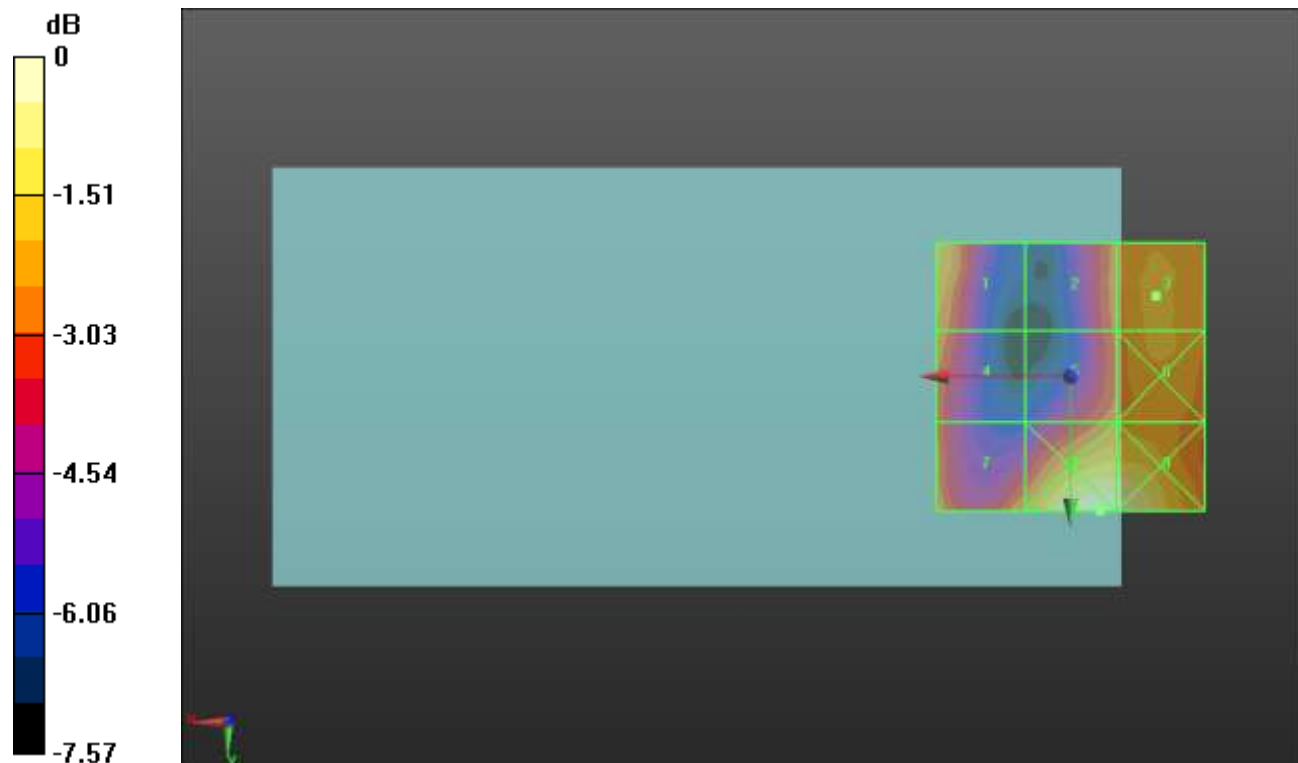
Applied MIF = -1.44 dB

RF audio interference level = 19.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.02 dBV/m	Grid 2 M4 18.21 dBV/m	Grid 3 M4 19.04 dBV/m
Grid 4 M4 18.27 dBV/m	Grid 5 M4 18.39 dBV/m	Grid 6 M4 19.01 dBV/m
Grid 7 M4 18.75 dBV/m	Grid 8 M4 20.9 dBV/m	Grid 9 M4 20.78 dBV/m



0 dB = 11.09 V/m = 20.90 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 = 8.688 V/m; Power Drift = -0.11 dB

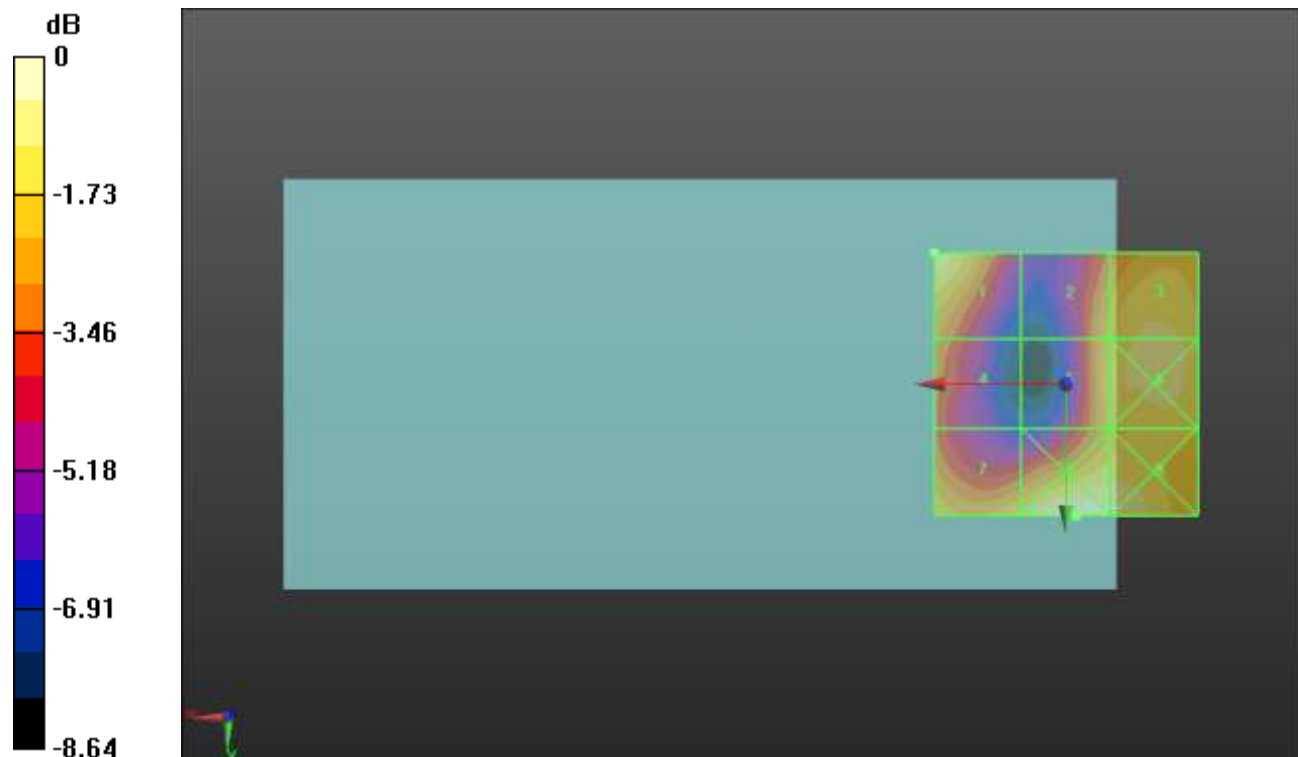
Applied MIF = -1.44 dB

RF audio interference level = 20.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.69 dBV/m	Grid 2 M4 19.12 dBV/m	Grid 3 M4 20.12 dBV/m
Grid 4 M4 18.29 dBV/m	Grid 5 M4 19.32 dBV/m	Grid 6 M4 20.19 dBV/m
Grid 7 M4 19.73 dBV/m	Grid 8 M4 21.09 dBV/m	Grid 9 M4 20.74 dBV/m



0 dB = 11.33 V/m = 21.08 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 = 7.609 V/m; Power Drift = -0.15 dB

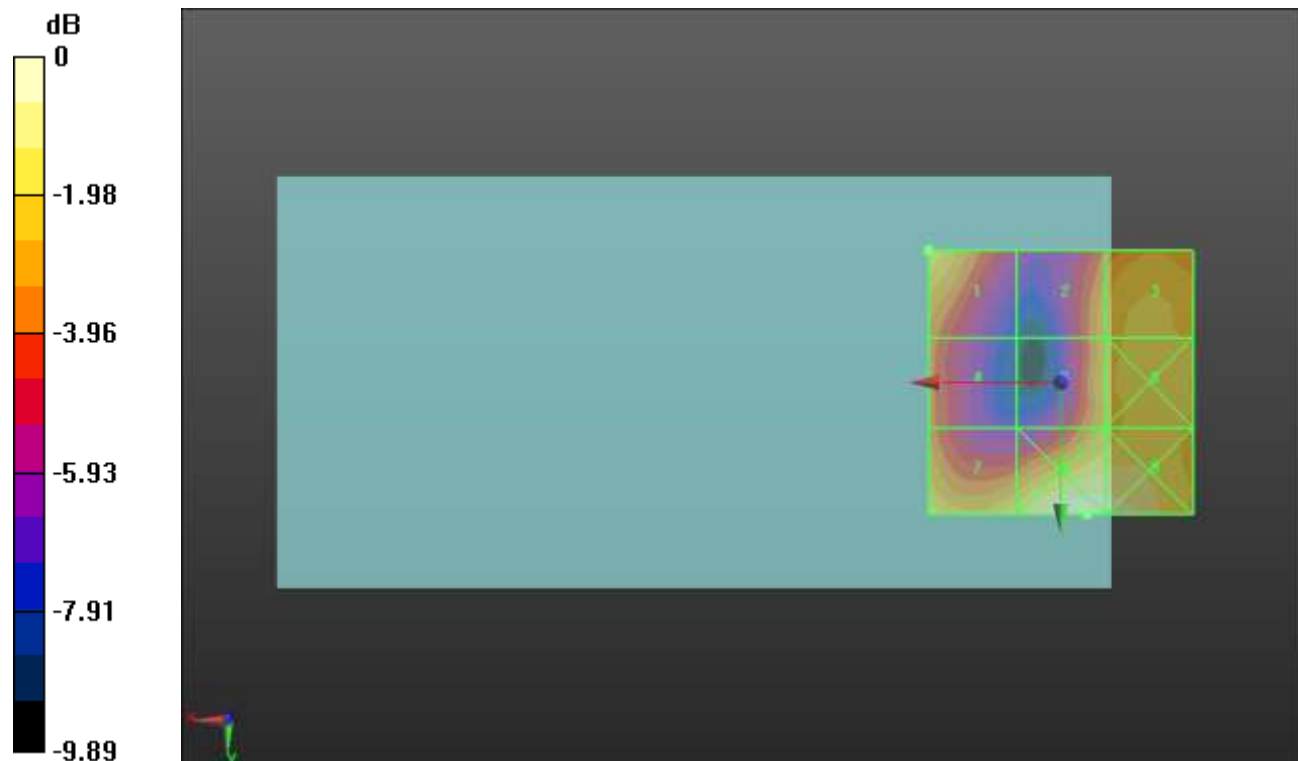
Applied MIF = -1.44 dB

RF audio interference level = 19.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.29 dBV/m	Grid 2 M4 17.94 dBV/m	Grid 3 M4 19.09 dBV/m
Grid 4 M4 17.3 dBV/m	Grid 5 M4 18.21 dBV/m	Grid 6 M4 19.3 dBV/m
Grid 7 M4 19.29 dBV/m	Grid 8 M4 20.7 dBV/m	Grid 9 M4 20.54 dBV/m



0 dB = 10.84 V/m = 20.70 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 = 6.550 V/m; Power Drift = 0.07 dB

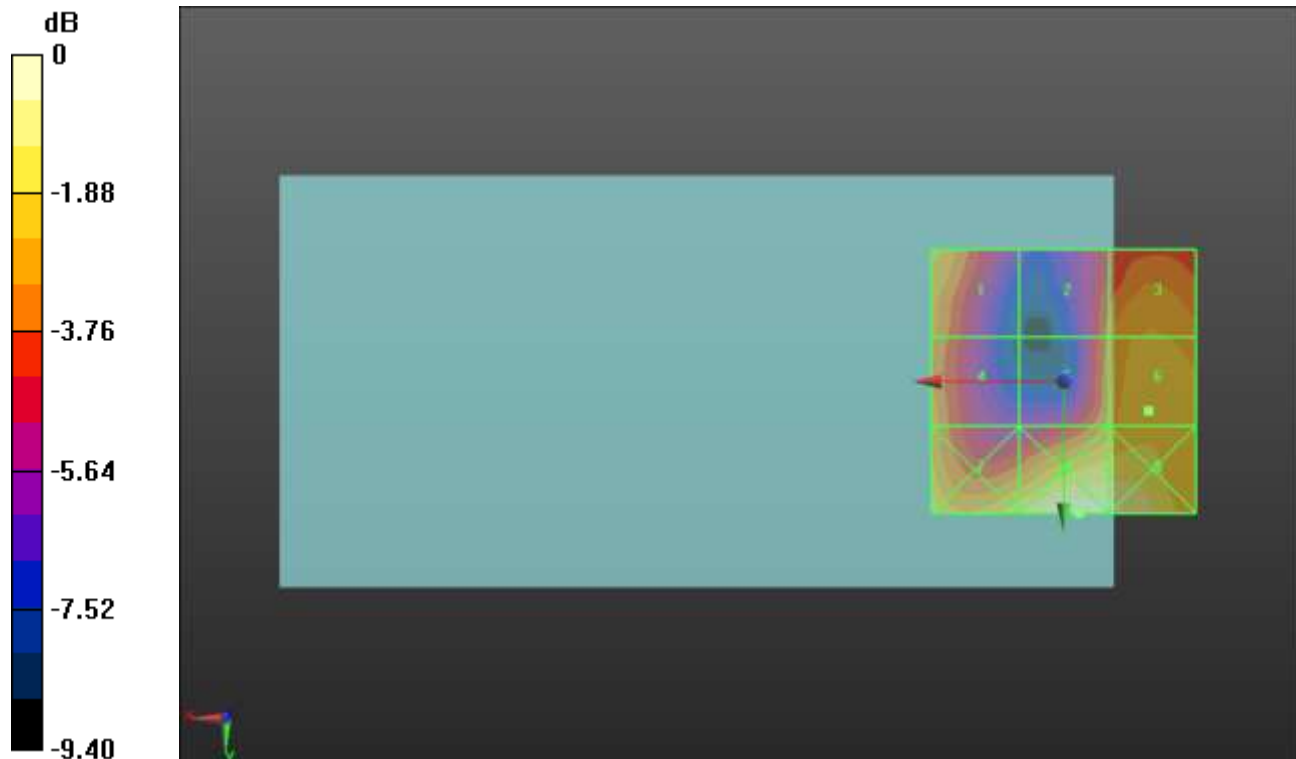
Applied MIF = -1.44 dB

RF audio interference level = 18.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.25 dBV/m	Grid 2 M4 17.05 dBV/m	Grid 3 M4 18.08 dBV/m
Grid 4 M4 17.83 dBV/m	Grid 5 M4 17.67 dBV/m	Grid 6 M4 18.52 dBV/m
Grid 7 M4 19.14 dBV/m	Grid 8 M4 20.48 dBV/m	Grid 9 M4 20.19 dBV/m



0 dB = 10.57 V/m = 20.48 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 = 6.380 V/m; Power Drift = 0.07 dB

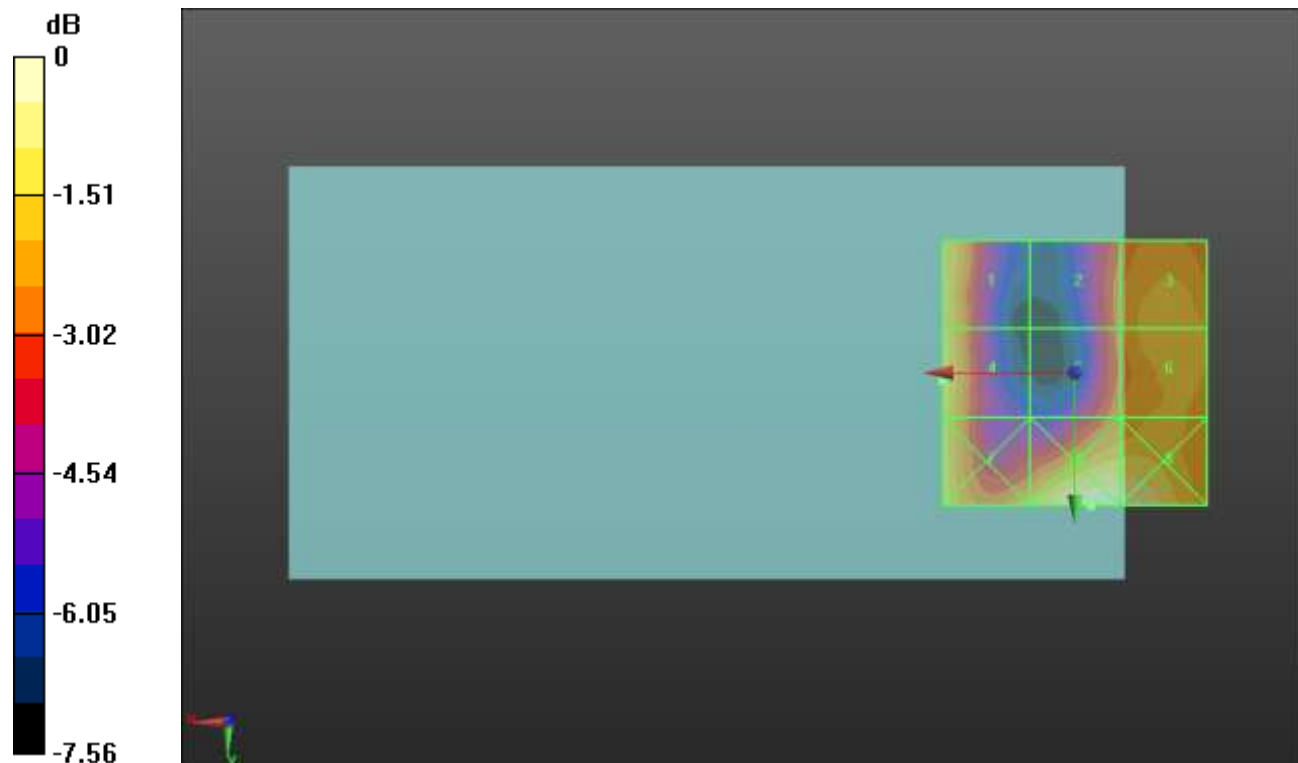
Applied MIF = -1.44 dB

RF audio interference level = 19.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.15 dBV/m	Grid 2 M4 17.79 dBV/m	Grid 3 M4 18.74 dBV/m
Grid 4 M4 19.31 dBV/m	Grid 5 M4 17.89 dBV/m	Grid 6 M4 18.78 dBV/m
Grid 7 M4 19.53 dBV/m	Grid 8 M4 20.46 dBV/m	Grid 9 M4 20.39 dBV/m



0 dB = 10.54 V/m = 20.46 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 = 6.831 V/m; Power Drift = -0.05 dB

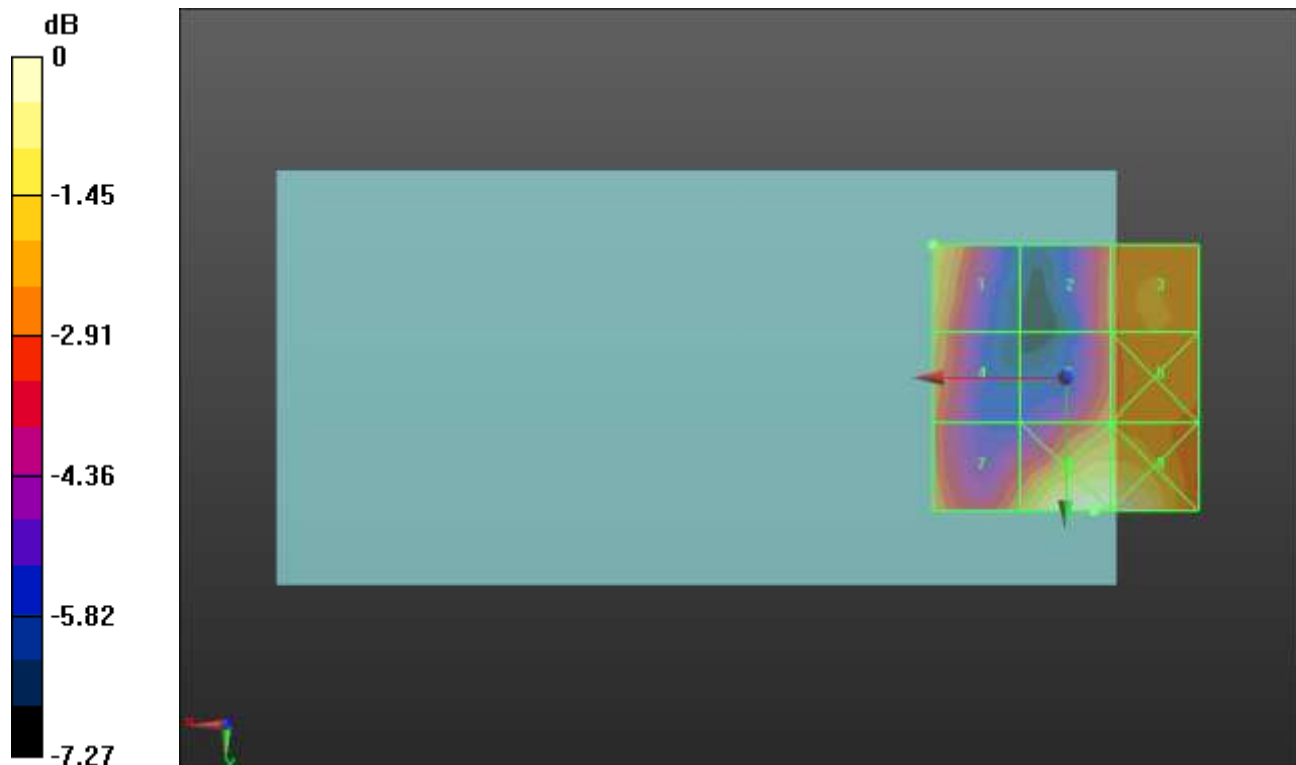
Applied MIF = -1.44 dB

RF audio interference level = 18.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.83 dBV/m	Grid 2 M4 17.56 dBV/m	Grid 3 M4 18.45 dBV/m
Grid 4 M4 18.12 dBV/m	Grid 5 M4 17.88 dBV/m	Grid 6 M4 18.32 dBV/m
Grid 7 M4 18.25 dBV/m	Grid 8 M4 20.25 dBV/m	Grid 9 M4 20.14 dBV/m



0 dB = 10.29 V/m = 20.25 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 = 32.40 V/m; Power Drift = -0.02 dB

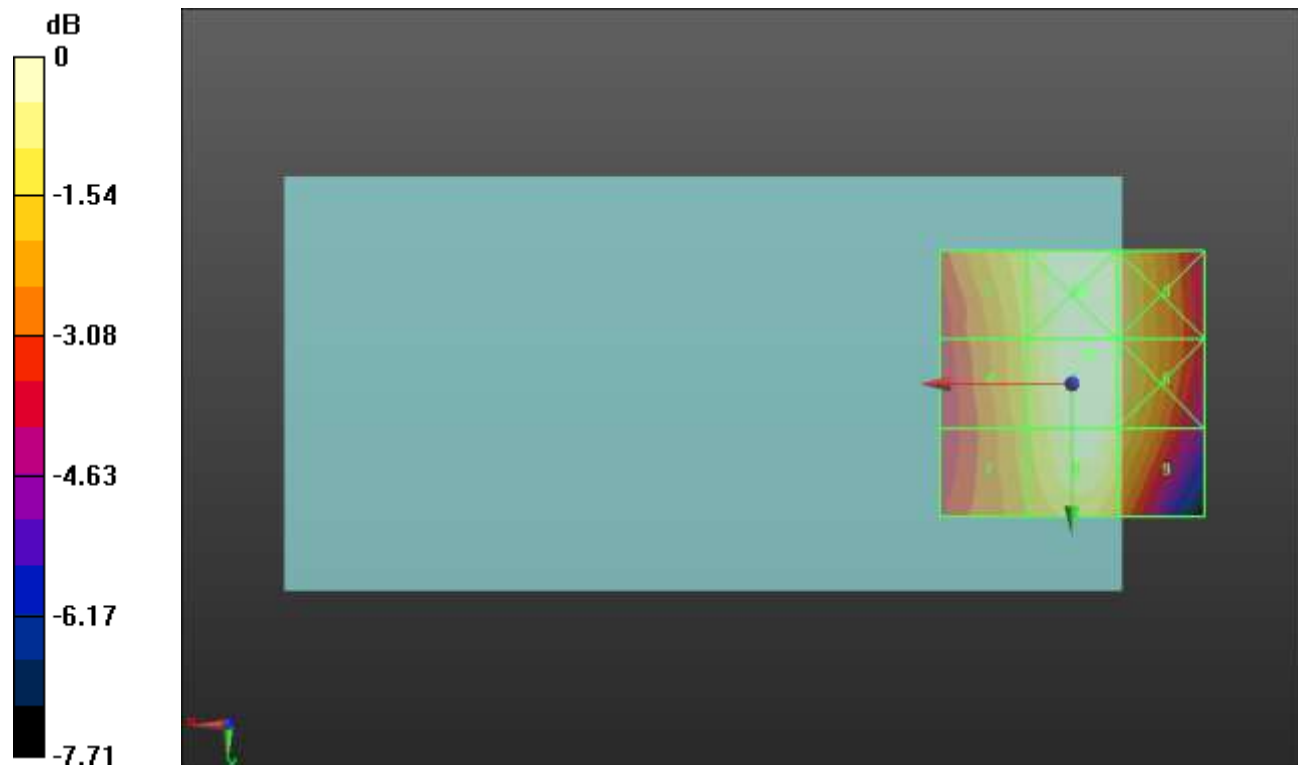
Applied MIF = 3.63 dB

RF audio interference level = 30.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.51 dBV/m	Grid 2 M4 30.51 dBV/m	Grid 3 M4 29.96 dBV/m
Grid 4 M4 29.14 dBV/m	Grid 5 M4 30.51 dBV/m	Grid 6 M4 29.96 dBV/m
Grid 7 M4 28.87 dBV/m	Grid 8 M4 30.25 dBV/m	Grid 9 M4 29.61 dBV/m



0 dB = 33.54 V/m = 30.51 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 = 32.97 V/m; Power Drift = -0.16 dB

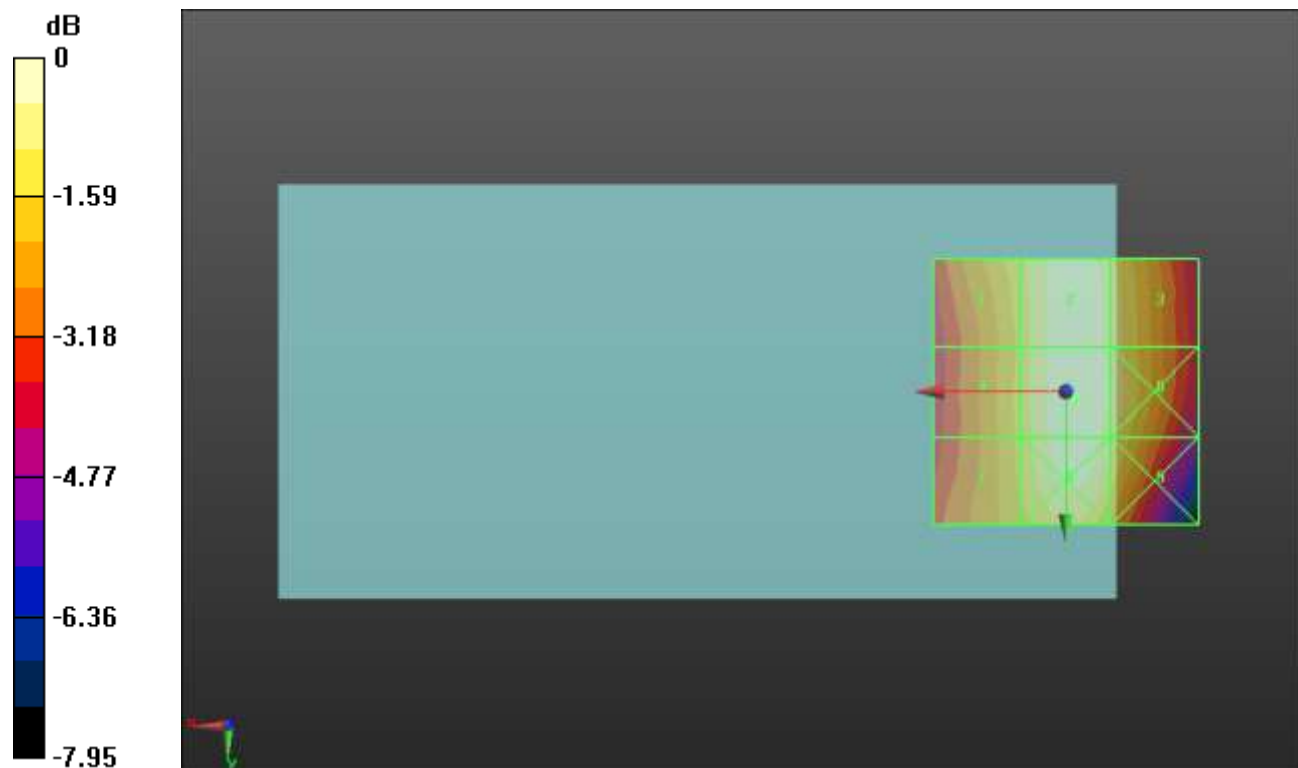
Applied MIF = 3.63 dB

RF audio interference level = 30.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.3 dBV/m	Grid 2 M4 30.37 dBV/m	Grid 3 M4 29.75 dBV/m
Grid 4 M4 29.12 dBV/m	Grid 5 M4 30.45 dBV/m	Grid 6 M4 29.85 dBV/m
Grid 7 M4 29.06 dBV/m	Grid 8 M4 30.39 dBV/m	Grid 9 M4 29.6 dBV/m



0 dB = 33.32 V/m = 30.45 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 = 32.44 V/m; Power Drift = 0.03 dB

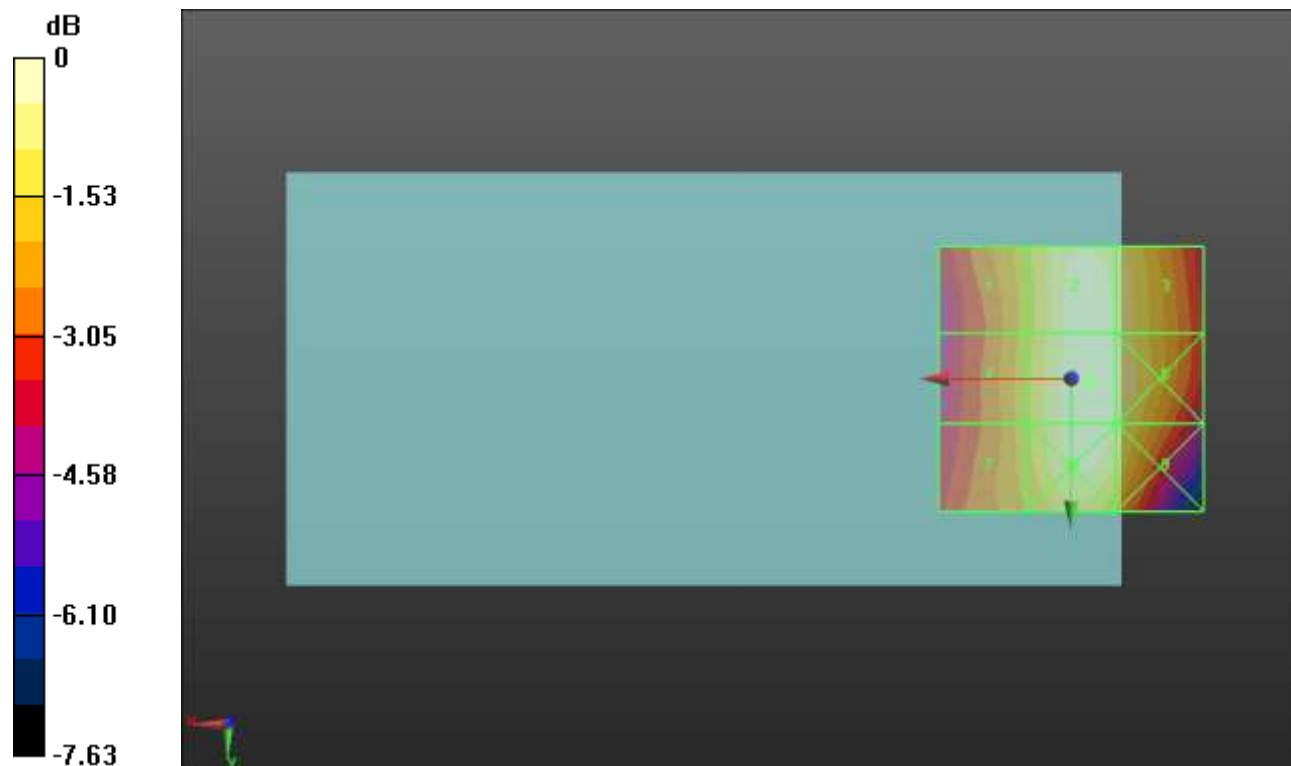
Applied MIF = 3.63 dB

RF audio interference level = 30.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.76 dBV/m	Grid 2 M4 30.26 dBV/m	Grid 3 M4 29.87 dBV/m
Grid 4 M4 28.78 dBV/m	Grid 5 M4 30.41 dBV/m	Grid 6 M4 29.98 dBV/m
Grid 7 M4 28.74 dBV/m	Grid 8 M4 30.34 dBV/m	Grid 9 M4 29.77 dBV/m



0 dB = 33.14 V/m = 30.41 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 = 13.65 V/m; Power Drift = -0.05 dB

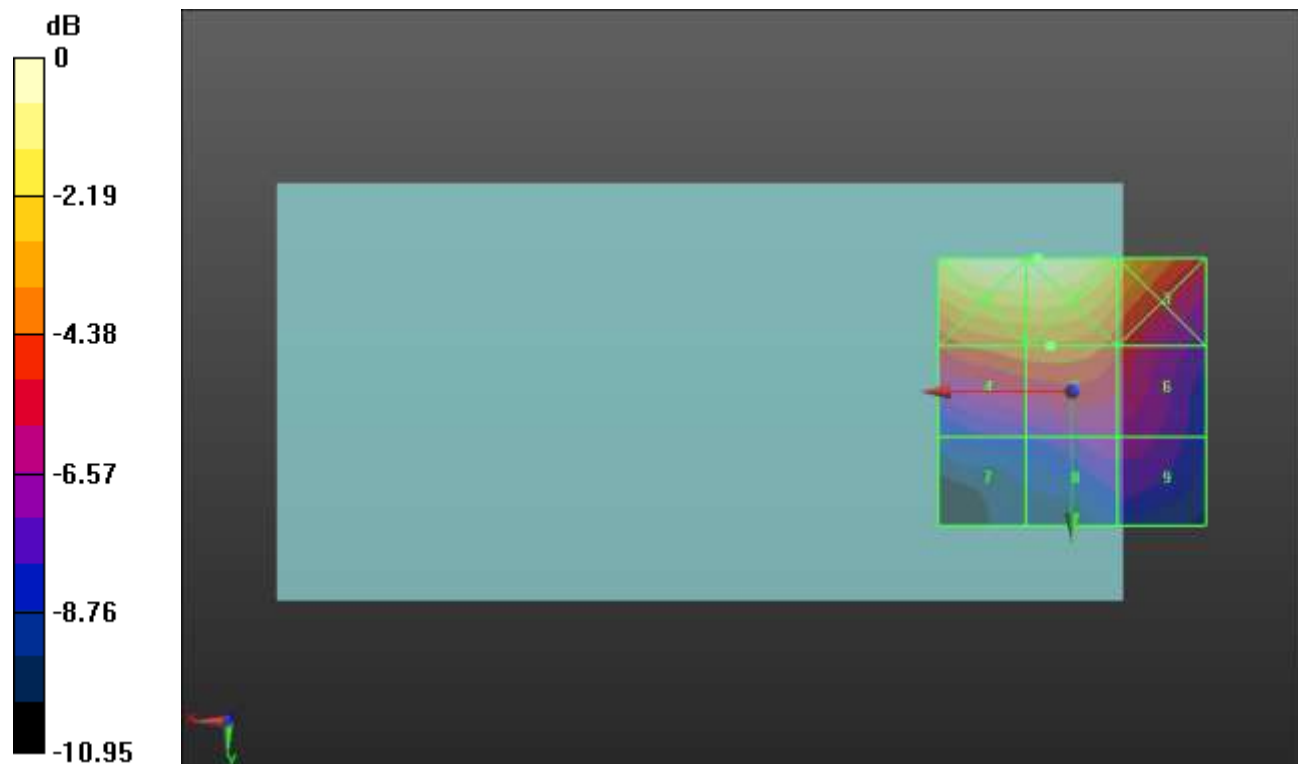
Applied MIF = 3.63 dB

RF audio interference level = 25.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.61 dBV/m	Grid 2 M4 29.63 dBV/m	Grid 3 M4 27.52 dBV/m
Grid 4 M4 25.8 dBV/m	Grid 5 M4 25.87 dBV/m	Grid 6 M4 24.74 dBV/m
Grid 7 M4 21.72 dBV/m	Grid 8 M4 22.95 dBV/m	Grid 9 M4 22.94 dBV/m



0 dB = 30.30 V/m = 29.63 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 = 13.02 V/m; Power Drift = -0.02 dB

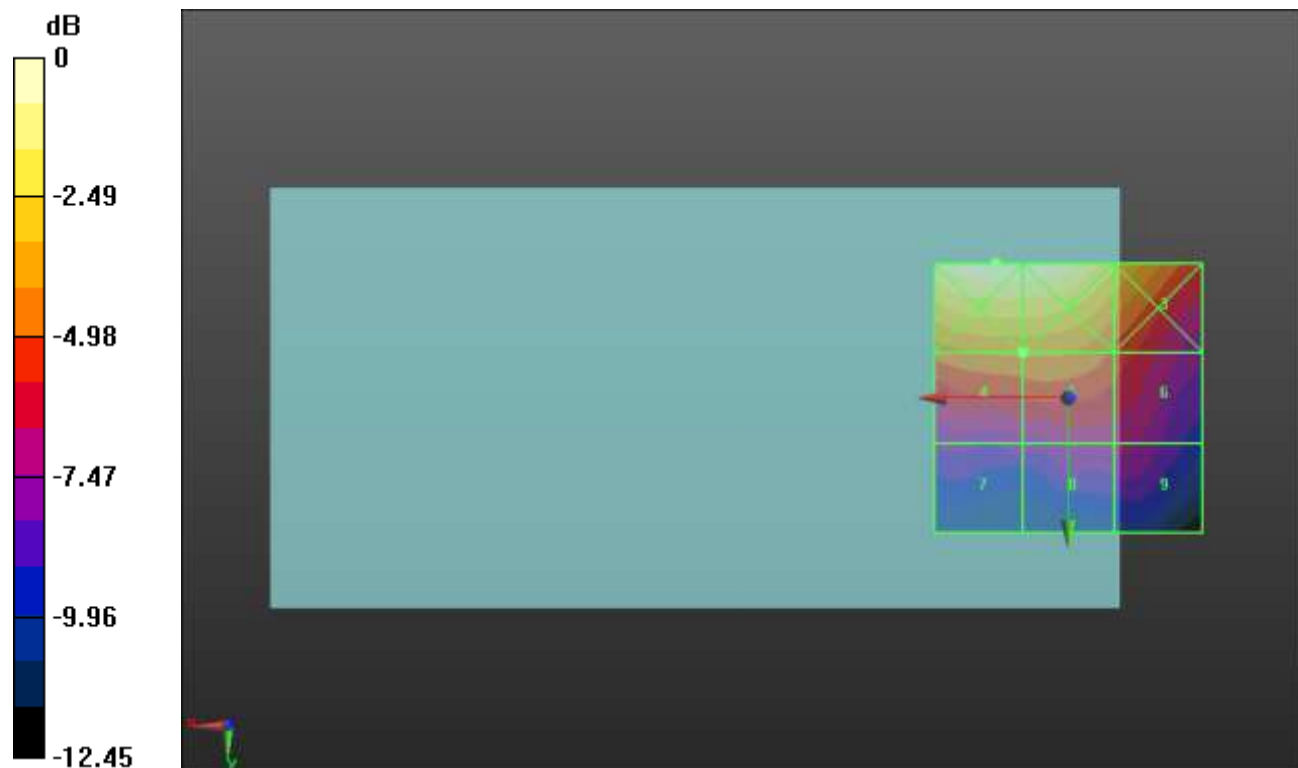
Applied MIF = 3.63 dB

RF audio interference level = 25.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.43 dBV/m	Grid 2 M4 29.38 dBV/m	Grid 3 M4 27.2 dBV/m
Grid 4 M4 25.48 dBV/m	Grid 5 M4 25.48 dBV/m	Grid 6 M4 24.27 dBV/m
Grid 7 M4 21.63 dBV/m	Grid 8 M4 22.27 dBV/m	Grid 9 M4 22.28 dBV/m



0 dB = 29.60 V/m = 29.43 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 = 12.97 V/m; Power Drift = 0.03 dB

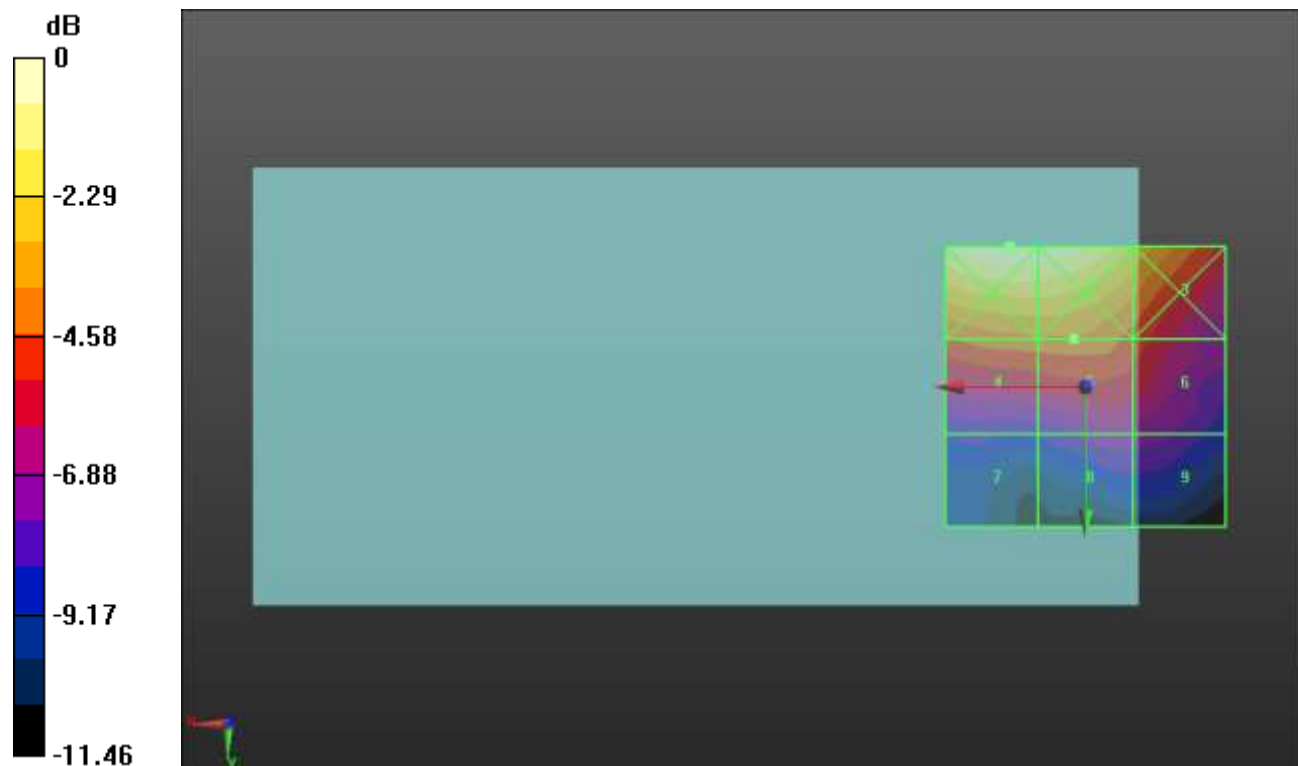
Applied MIF = 3.63 dB

RF audio interference level = 25.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.48 dBV/m	Grid 2 M4 29.38 dBV/m	Grid 3 M4 27.19 dBV/m
Grid 4 M4 25.48 dBV/m	Grid 5 M4 25.53 dBV/m	Grid 6 M4 24.62 dBV/m
Grid 7 M4 21.41 dBV/m	Grid 8 M4 22.48 dBV/m	Grid 9 M4 22.32 dBV/m



0 dB = 29.78 V/m = 29.48 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 = 47.89 V/m; Power Drift = -0.05 dB

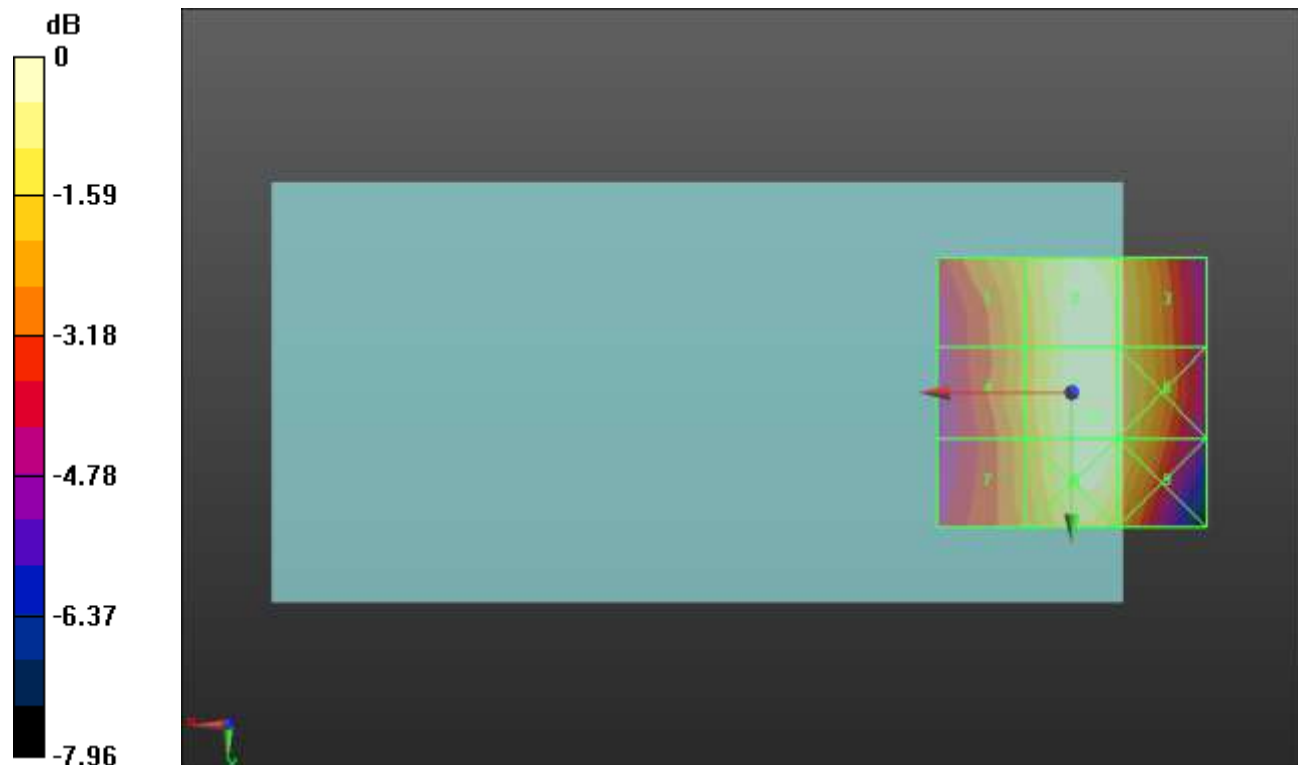
Applied MIF = 3.26 dB

RF audio interference level = 32.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.35 dBV/m	Grid 2 M4 32.74 dBV/m	Grid 3 M4 32.21 dBV/m
Grid 4 M4 31.06 dBV/m	Grid 5 M4 32.9 dBV/m	Grid 6 M4 32.37 dBV/m
Grid 7 M4 30.75 dBV/m	Grid 8 M4 32.84 dBV/m	Grid 9 M4 32.19 dBV/m



0 dB = 44.14 V/m = 32.90 dBV/m

HAC-RF Emission ANT 2

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 = 46.18 V/m; Power Drift = 0.06 dB

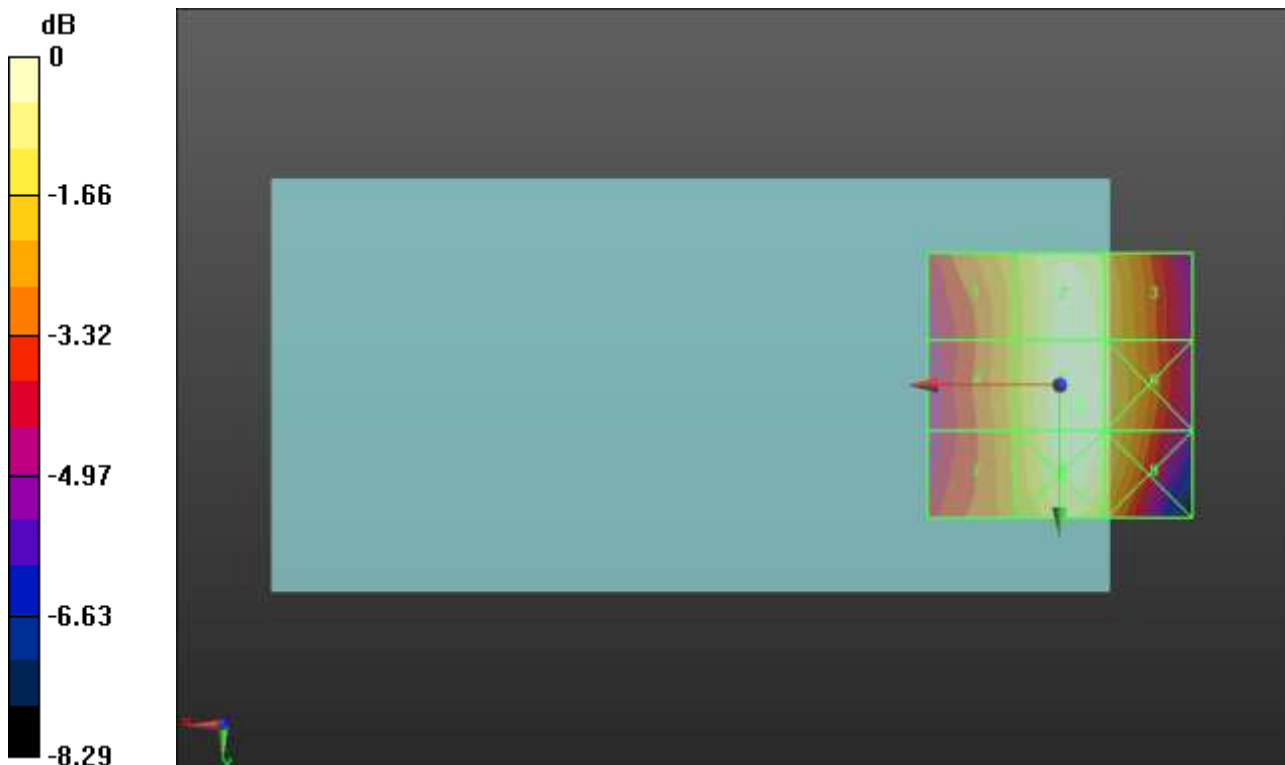
Applied MIF = 3.26 dB

RF audio interference level = 32.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.88 dBV/m	Grid 2 M4 32.45 dBV/m	Grid 3 M4 31.73 dBV/m
Grid 4 M4 30.78 dBV/m	Grid 5 M4 32.62 dBV/m	Grid 6 M4 31.94 dBV/m
Grid 7 M4 30.61 dBV/m	Grid 8 M4 32.58 dBV/m	Grid 9 M4 31.83 dBV/m



0 dB = 42.77 V/m = 32.62 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 = 43.51 V/m; Power Drift = 0.03 dB

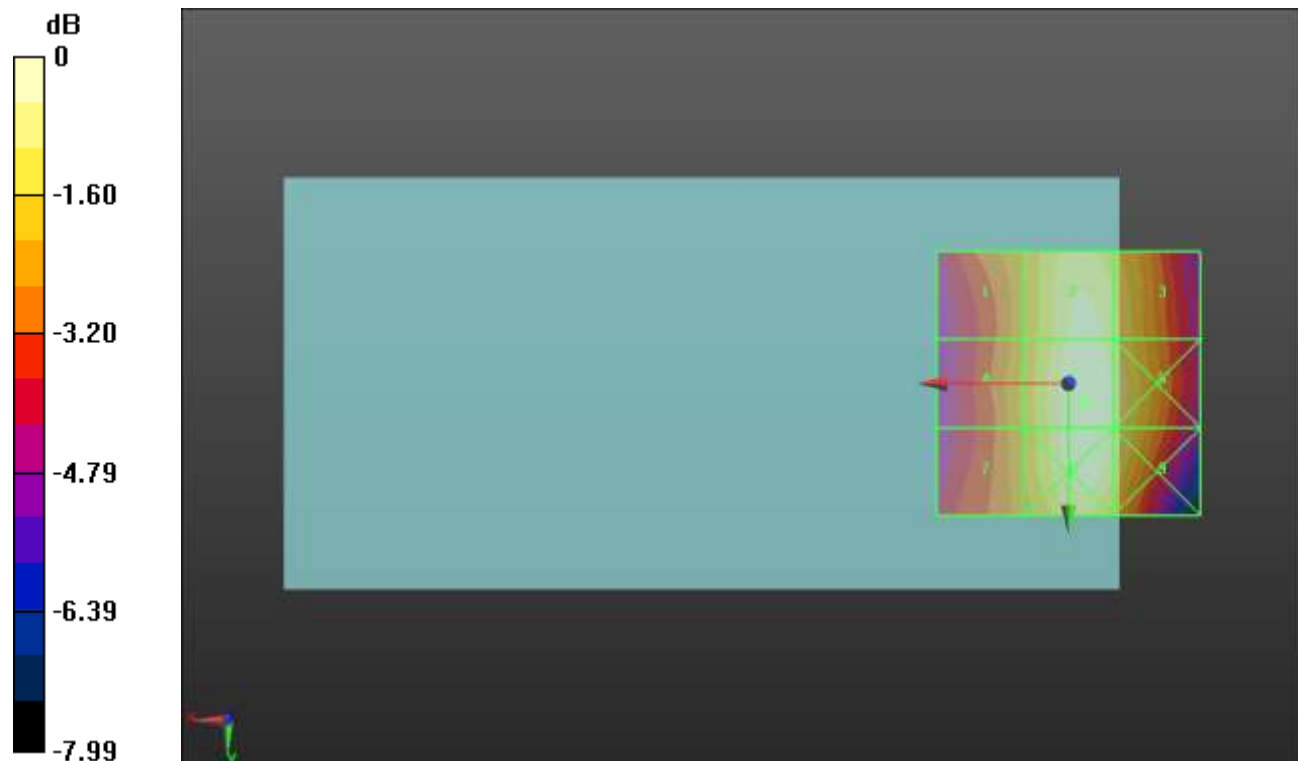
Applied MIF = 3.26 dB

RF audio interference level = 32.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.08 dBV/m	Grid 2 M4 31.87 dBV/m	Grid 3 M4 31.31 dBV/m
Grid 4 M4 30.2 dBV/m	Grid 5 M4 32.14 dBV/m	Grid 6 M4 31.55 dBV/m
Grid 7 M4 30.07 dBV/m	Grid 8 M4 32.12 dBV/m	Grid 9 M4 31.47 dBV/m



0 dB = 40.46 V/m = 32.14 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 = 19.33 V/m; Power Drift = -0.13 dB

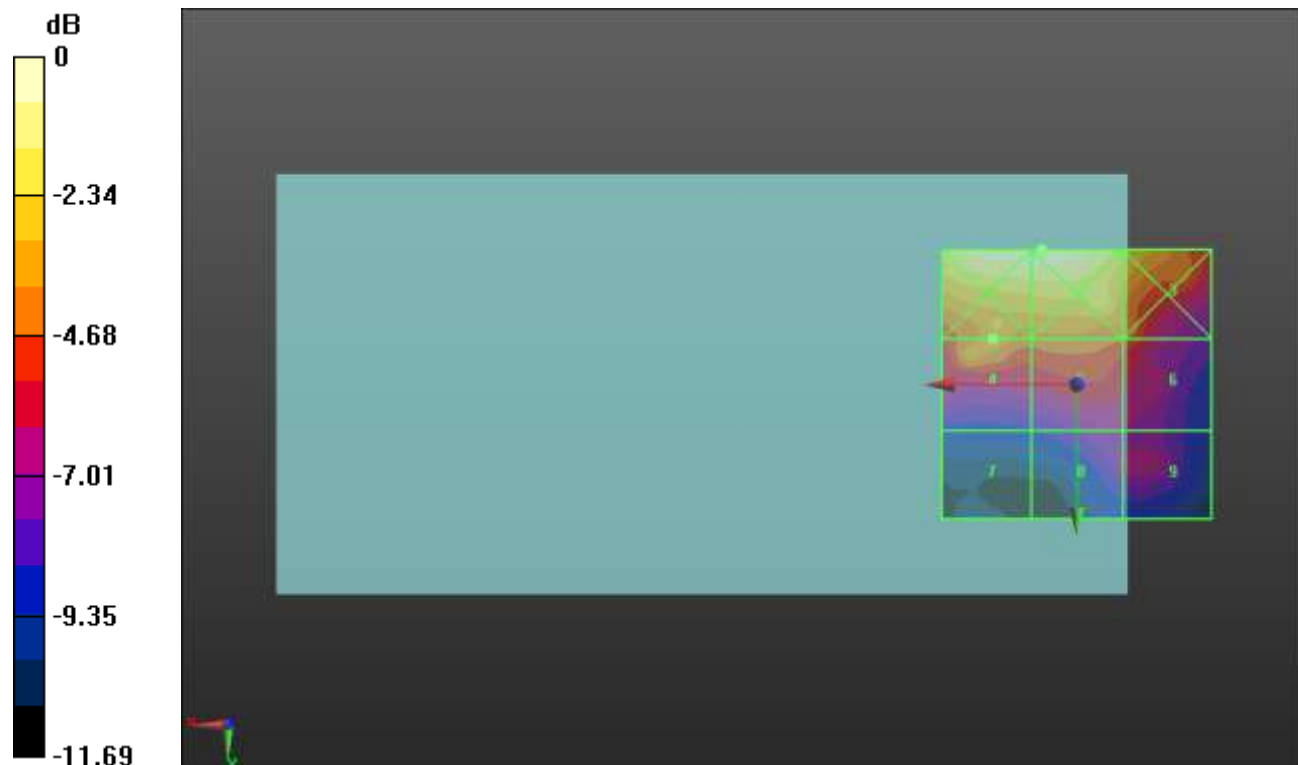
Applied MIF = 3.26 dB

RF audio interference level = 28.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 31.61 dBV/m	Grid 2 M3 31.66 dBV/m	Grid 3 M4 29.76 dBV/m
Grid 4 M4 28.2 dBV/m	Grid 5 M4 27.58 dBV/m	Grid 6 M4 27.18 dBV/m
Grid 7 M4 23.01 dBV/m	Grid 8 M4 24.9 dBV/m	Grid 9 M4 25.26 dBV/m



0 dB = 38.27 V/m = 31.66 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 = 17.32 V/m; Power Drift = 0.13 dB

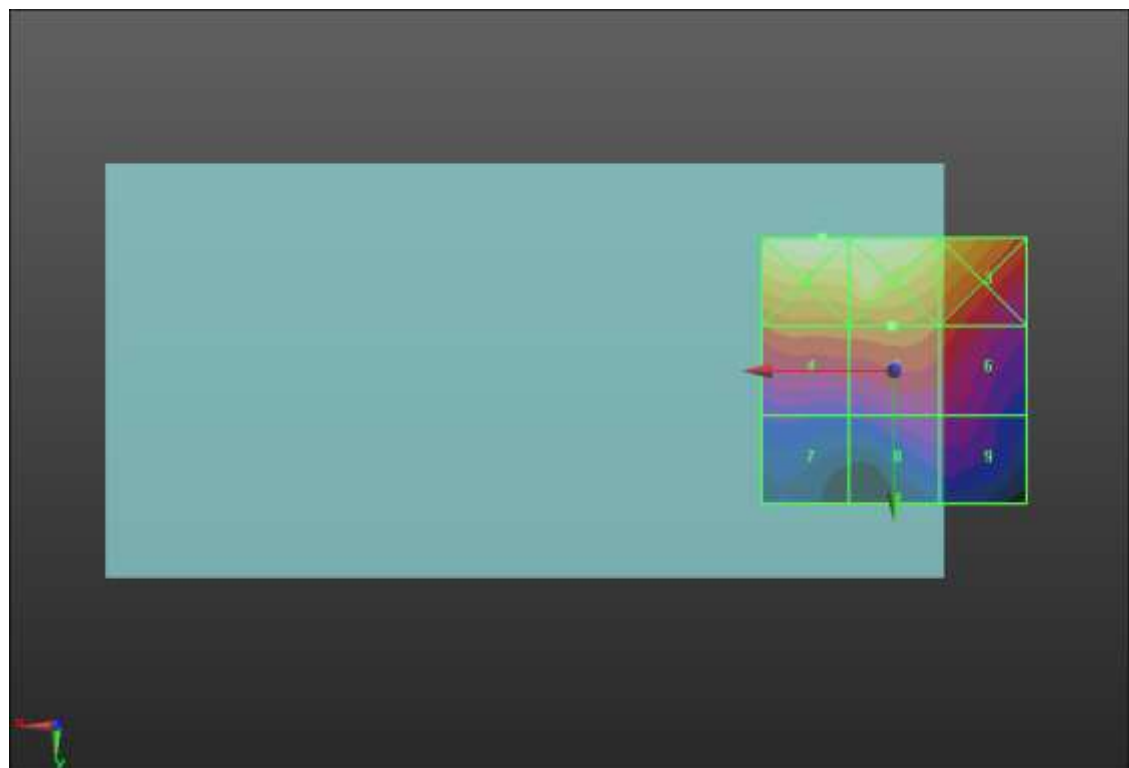
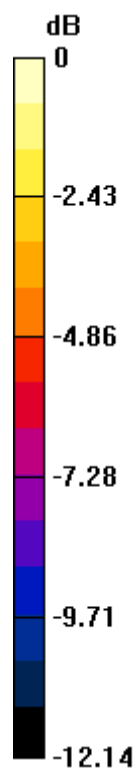
Applied MIF = 3.26 dB

RF audio interference level = 26.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 30.95 dBV/m	Grid 2 M3 30.92 dBV/m	Grid 3 M4 29.28 dBV/m
Grid 4 M4 26.63 dBV/m	Grid 5 M4 26.88 dBV/m	Grid 6 M4 26.02 dBV/m
Grid 7 M4 22.44 dBV/m	Grid 8 M4 23.64 dBV/m	Grid 9 M4 23.63 dBV/m



0 dB = 35.27 V/m = 30.95 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 = 17.55 V/m; Power Drift = -0.17 dB

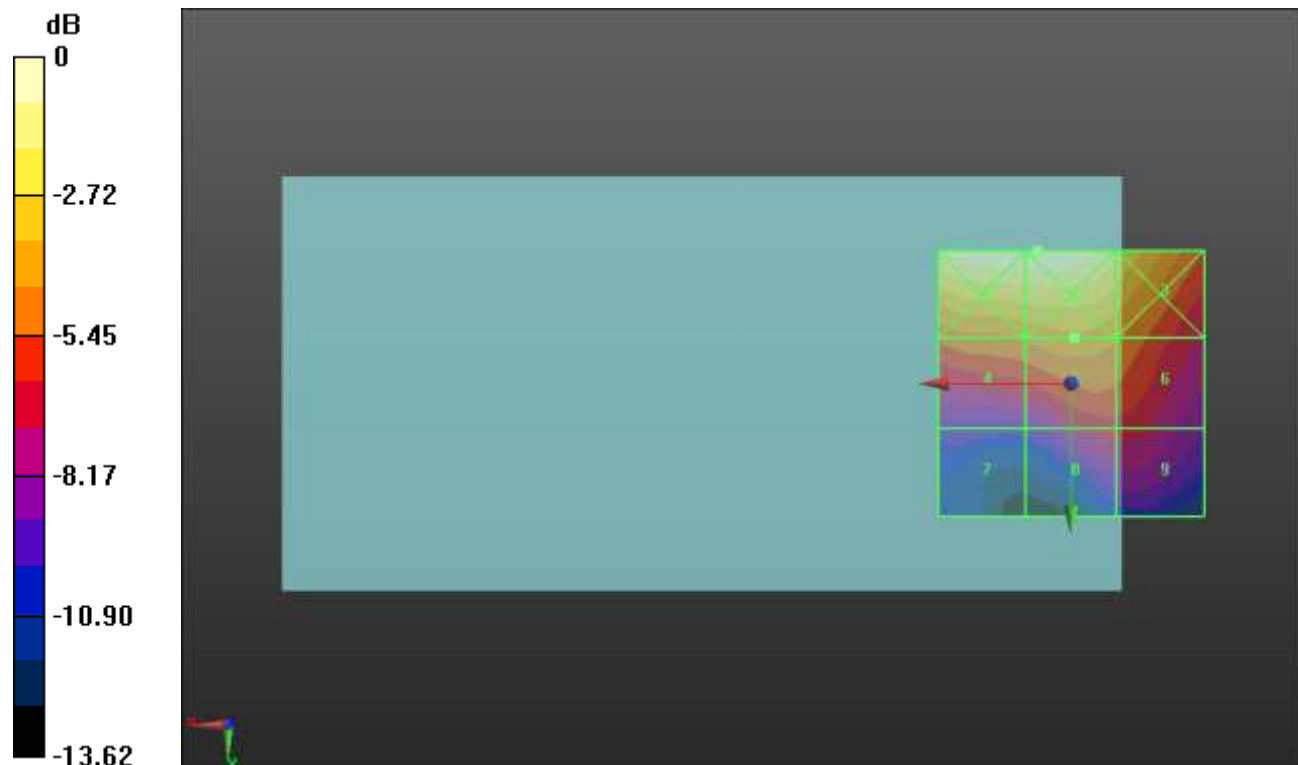
Applied MIF = 3.26 dB

RF audio interference level = 26.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 30.73 dBV/m	Grid 2 M3 30.76 dBV/m	Grid 3 M4 29.2 dBV/m
Grid 4 M4 26.38 dBV/m	Grid 5 M4 26.92 dBV/m	Grid 6 M4 26.36 dBV/m
Grid 7 M4 21.49 dBV/m	Grid 8 M4 24.05 dBV/m	Grid 9 M4 24.05 dBV/m



0 dB = 34.52 V/m = 30.76 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 = 45.69 V/m; Power Drift = -0.00 dB

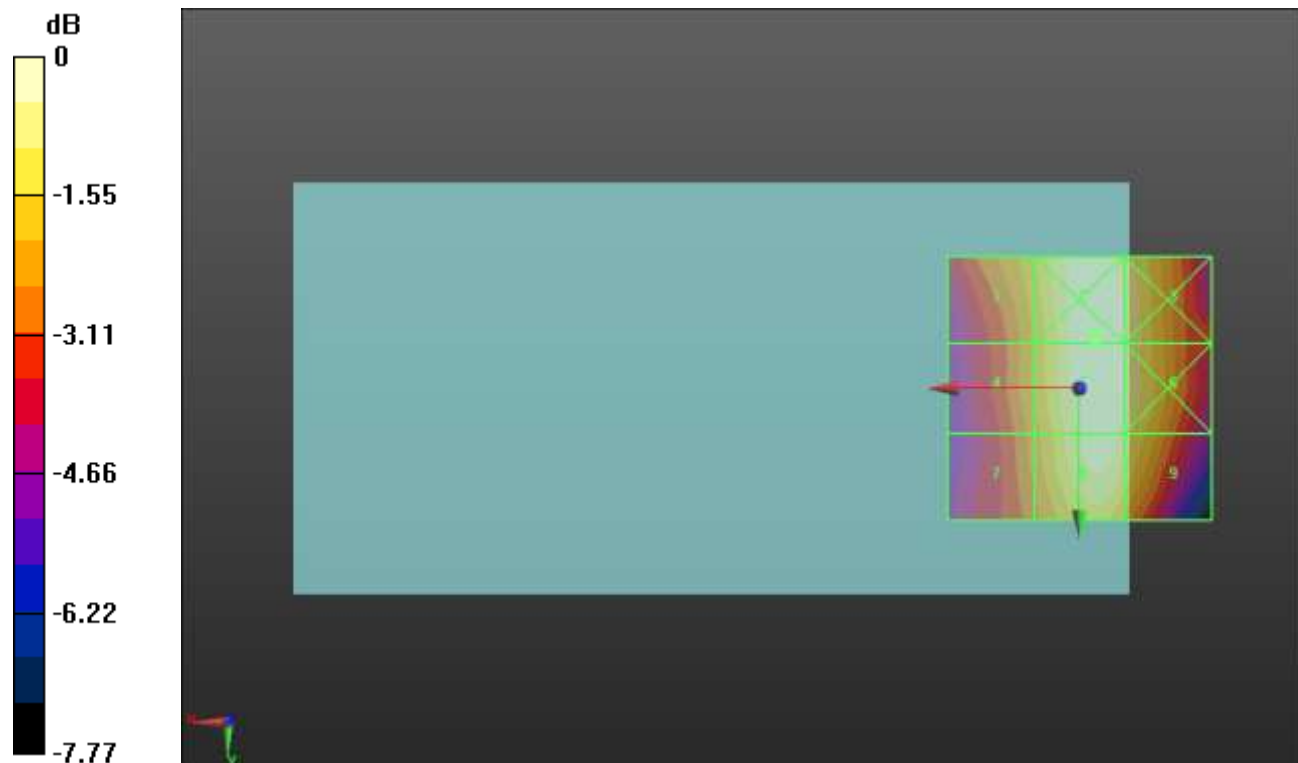
Applied MIF = 3.26 dB

RF audio interference level = 32.65 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.11 dBV/m	Grid 2 M4 32.65 dBV/m	Grid 3 M4 32.14 dBV/m
Grid 4 M4 30.68 dBV/m	Grid 5 M4 32.65 dBV/m	Grid 6 M4 32.17 dBV/m
Grid 7 M4 30.36 dBV/m	Grid 8 M4 32.51 dBV/m	Grid 9 M4 31.93 dBV/m



0 dB = 42.92 V/m = 32.65 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 = 46.78 V/m; Power Drift = -0.04 dB

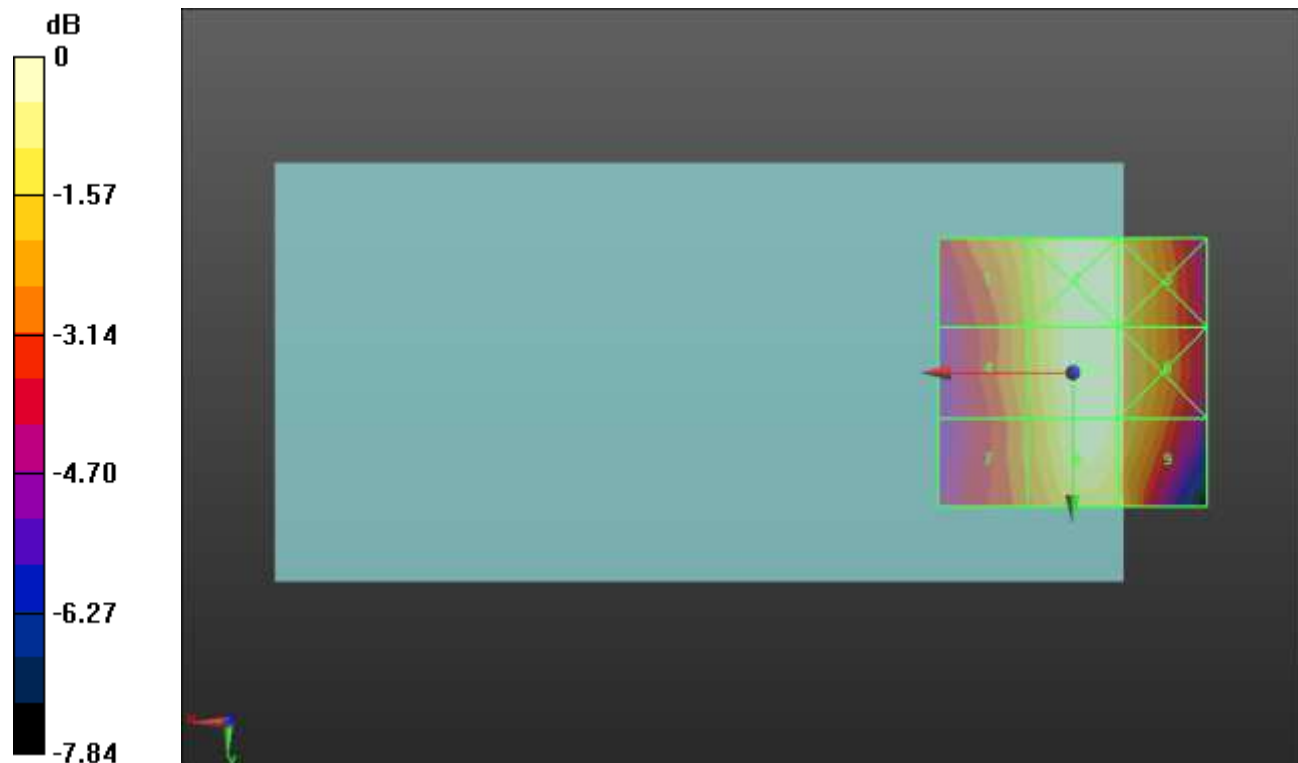
Applied MIF = 3.26 dB

RF audio interference level = 32.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.29 dBV/m	Grid 2 M4 32.75 dBV/m	Grid 3 M4 32.21 dBV/m
Grid 4 M4 30.84 dBV/m	Grid 5 M4 32.83 dBV/m	Grid 6 M4 32.29 dBV/m
Grid 7 M4 30.48 dBV/m	Grid 8 M4 32.69 dBV/m	Grid 9 M4 32.07 dBV/m



0 dB = 43.79 V/m = 32.83 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 = 47.99 V/m; Power Drift = -0.00 dB

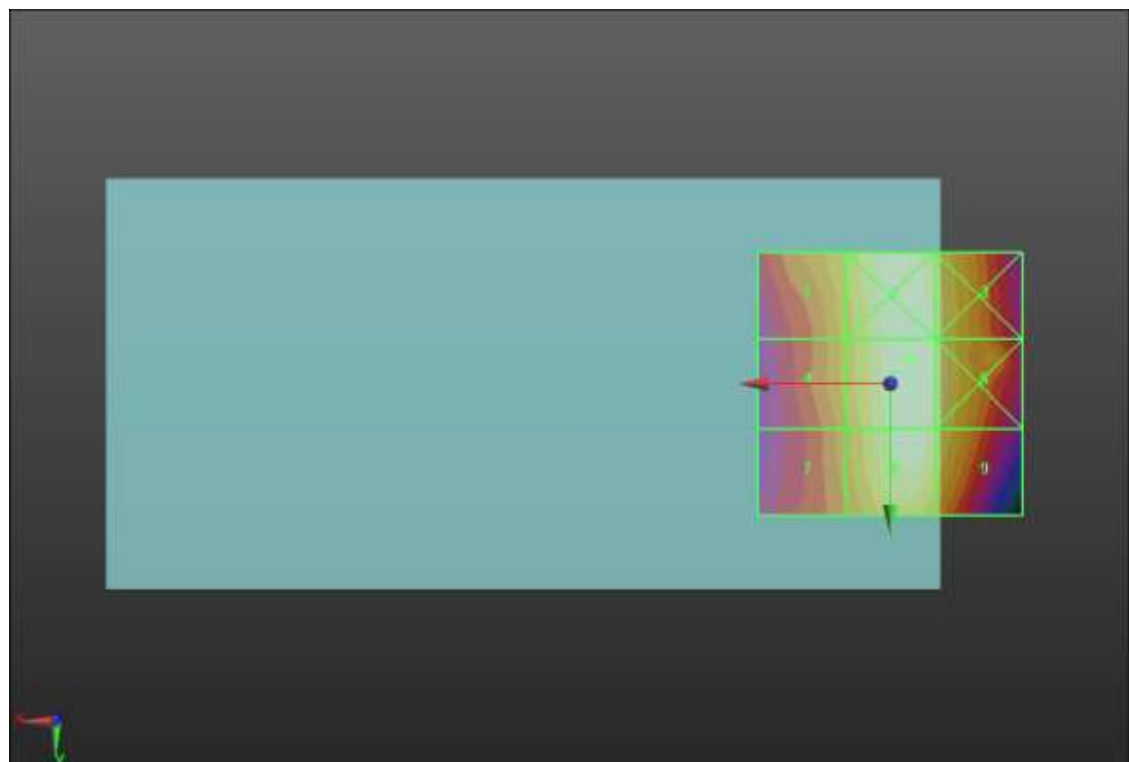
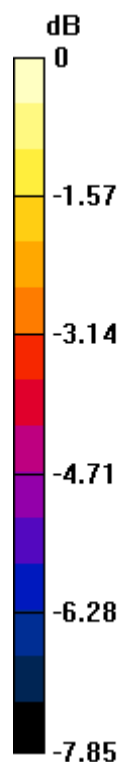
Applied MIF = 3.26 dB

RF audio interference level = 33.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.63 dBV/m	Grid 2 M4 33.02 dBV/m	Grid 3 M4 32.41 dBV/m
Grid 4 M4 31.19 dBV/m	Grid 5 M4 33.07 dBV/m	Grid 6 M4 32.46 dBV/m
Grid 7 M4 30.84 dBV/m	Grid 8 M4 32.94 dBV/m	Grid 9 M4 32.28 dBV/m



0 dB = 45.02 V/m = 33.07 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 = 34.68 V/m; Power Drift = 0.05 dB

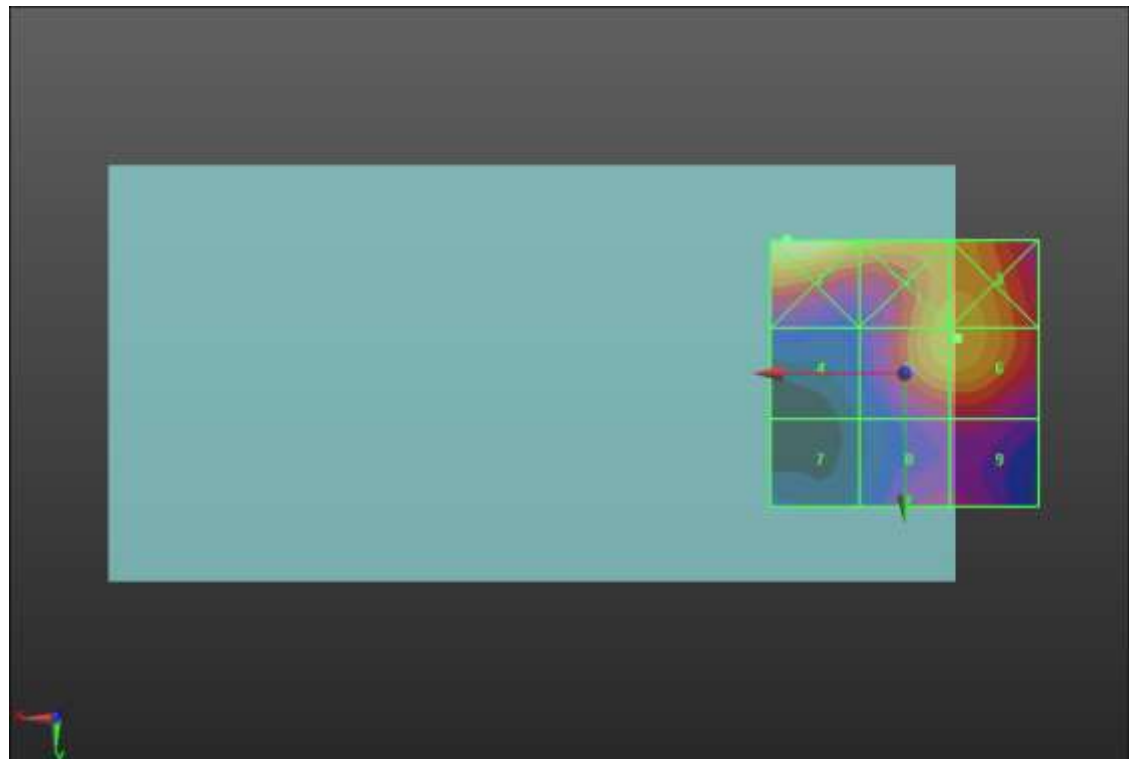
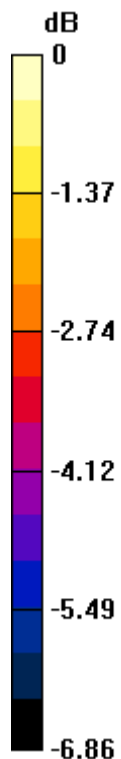
Applied MIF = -1.44 dB

RF audio interference level = 27.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.69 dBV/m	Grid 2 M4 27.68 dBV/m	Grid 3 M4 27.24 dBV/m
Grid 4 M4 23.87 dBV/m	Grid 5 M4 27.29 dBV/m	Grid 6 M4 27.32 dBV/m
Grid 7 M4 23.02 dBV/m	Grid 8 M4 24.92 dBV/m	Grid 9 M4 24.97 dBV/m



0 dB = 27.20 V/m = 28.69 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 = 41.14 V/m; Power Drift = -0.01 dB

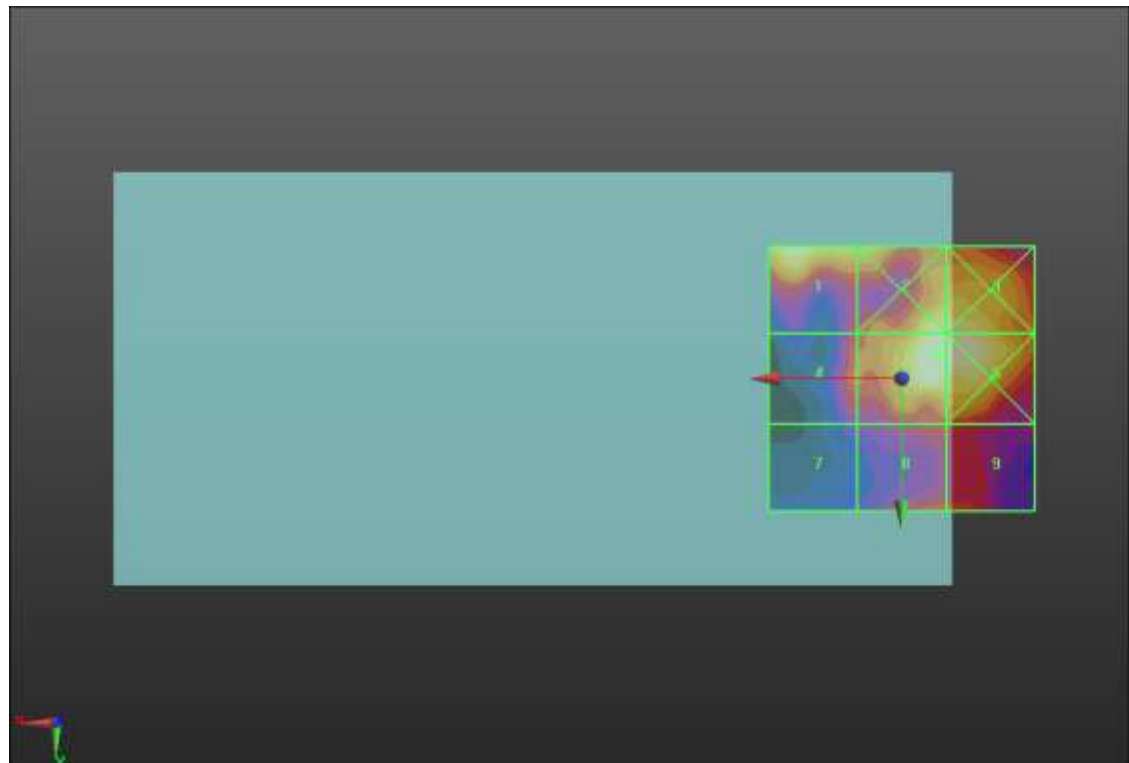
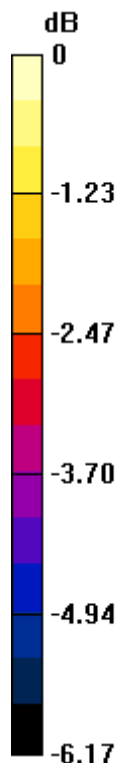
Applied MIF = -1.44 dB

RF audio interference level = 27.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.13 dBV/m	Grid 2 M4 26.84 dBV/m	Grid 3 M4 26.82 dBV/m
Grid 4 M4 24.9 dBV/m	Grid 5 M4 27.21 dBV/m	Grid 6 M4 27.18 dBV/m
Grid 7 M4 23.29 dBV/m	Grid 8 M4 24.75 dBV/m	Grid 9 M4 24.7 dBV/m



0 dB = 22.93 V/m = 27.21 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 = 55.69 V/m; Power Drift = -0.02 dB

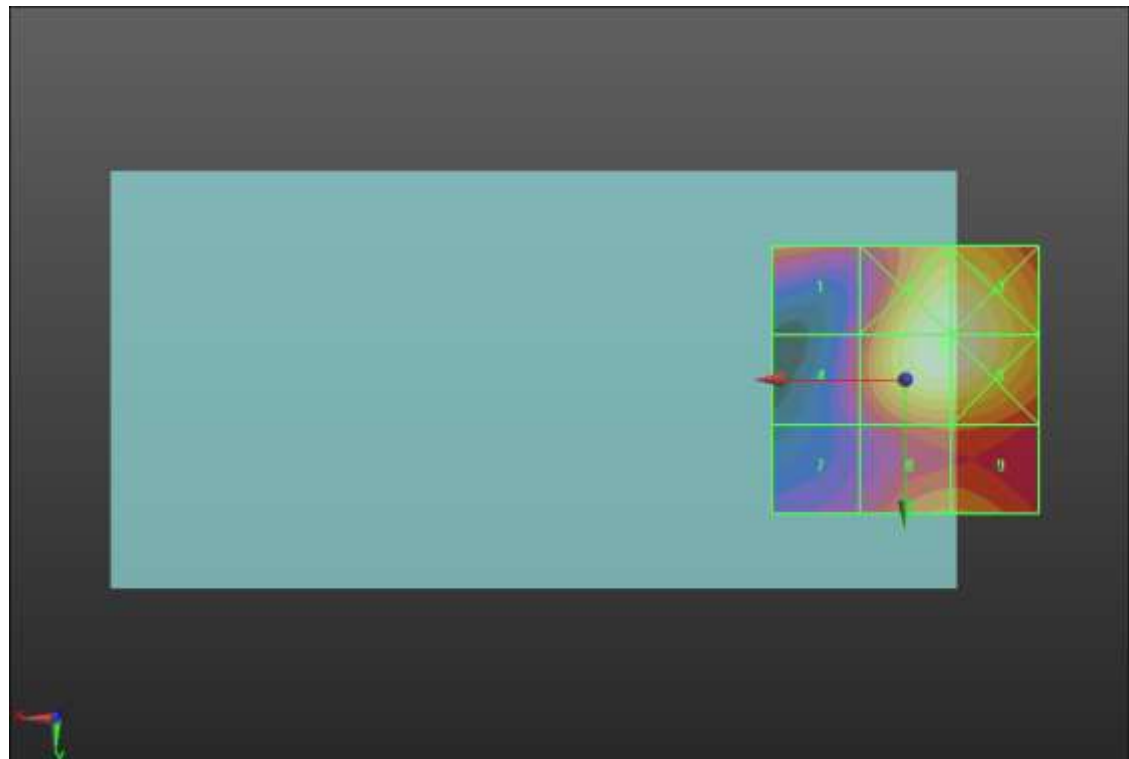
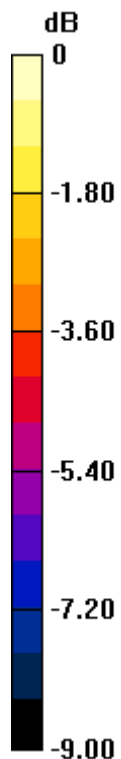
Applied MIF = -1.44 dB

RF audio interference level = 30.25 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.97 dBV/m	Grid 2 M3 30.16 dBV/m	Grid 3 M3 30.12 dBV/m
Grid 4 M4 26.02 dBV/m	Grid 5 M3 30.25 dBV/m	Grid 6 M3 30.21 dBV/m
Grid 7 M4 25.2 dBV/m	Grid 8 M4 27.45 dBV/m	Grid 9 M4 27.45 dBV/m



0 dB = 32.56 V/m = 30.25 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 = 59.85 V/m; Power Drift = -0.03 dB

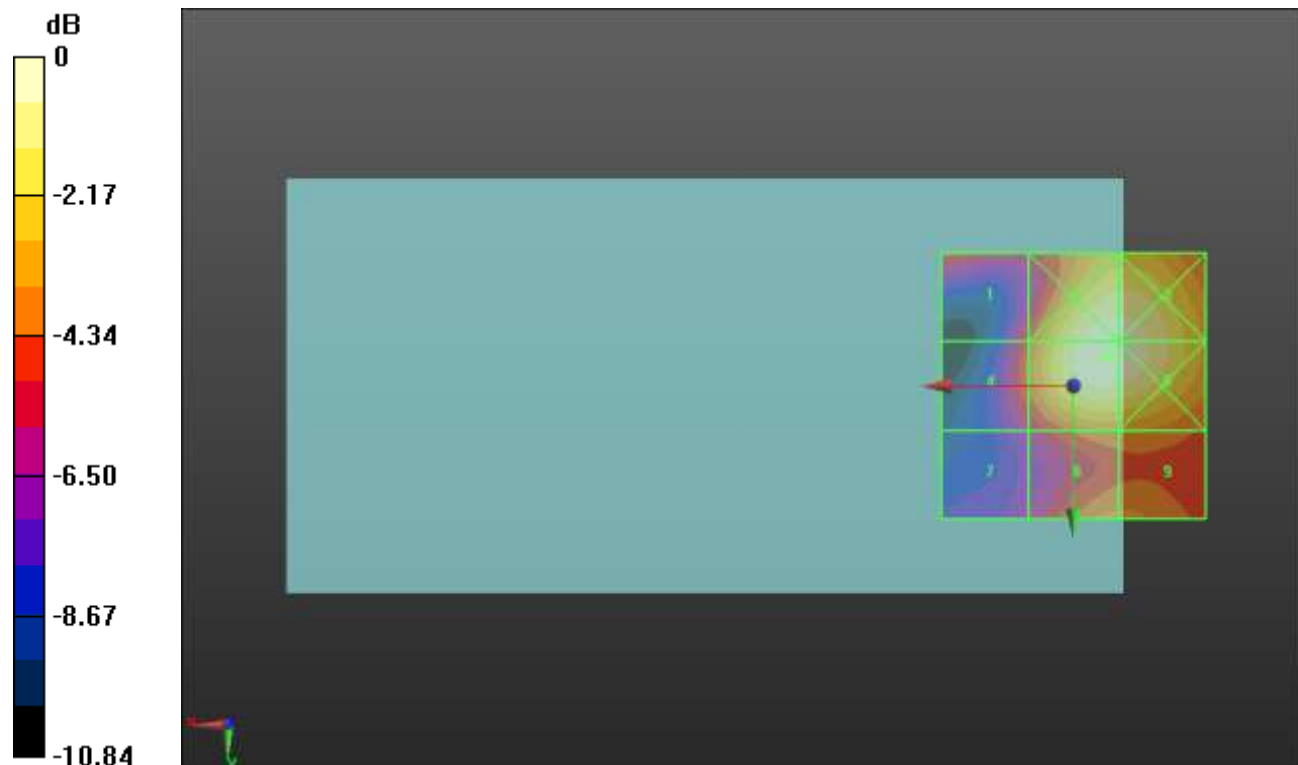
Applied MIF = -1.44 dB

RF audio interference level = 30.65 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.1 dBV/m	Grid 2 M3 30.49 dBV/m	Grid 3 M3 30.46 dBV/m
Grid 4 M4 26.6 dBV/m	Grid 5 M3 30.65 dBV/m	Grid 6 M3 30.56 dBV/m
Grid 7 M4 24.59 dBV/m	Grid 8 M4 27.34 dBV/m	Grid 9 M4 27.33 dBV/m



0 dB = 34.06 V/m = 30.64 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 = 60.49 V/m; Power Drift = -0.06 dB

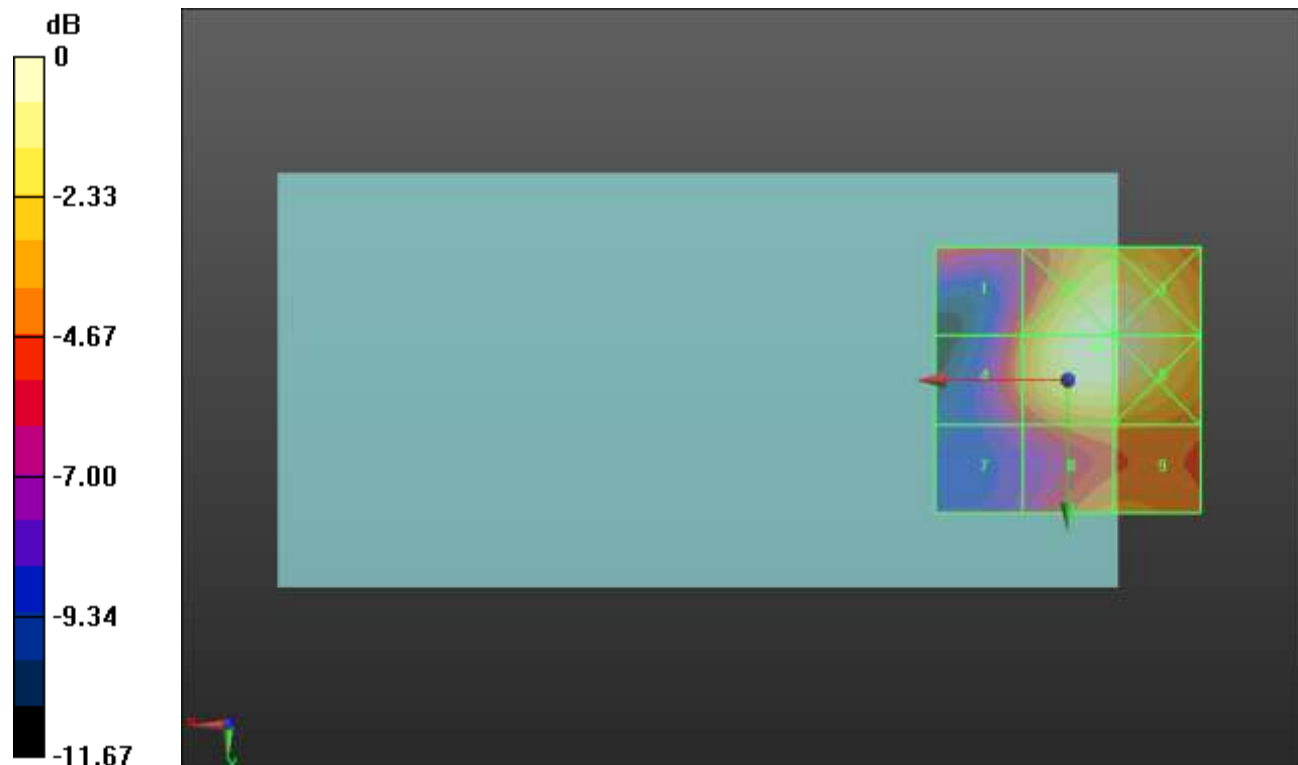
Applied MIF = -1.44 dB

RF audio interference level = 30.71 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.32 dBV/m	Grid 2 M3 30.59 dBV/m	Grid 3 M3 30.5 dBV/m
Grid 4 M4 26.95 dBV/m	Grid 5 M3 30.71 dBV/m	Grid 6 M3 30.6 dBV/m
Grid 7 M4 24.42 dBV/m	Grid 8 M4 27.14 dBV/m	Grid 9 M4 27.19 dBV/m



0 dB = 34.30 V/m = 30.71 dBV/m

HAC-RF Emission ANT 3

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 = 8.680 V/m; Power Drift = -0.14 dB

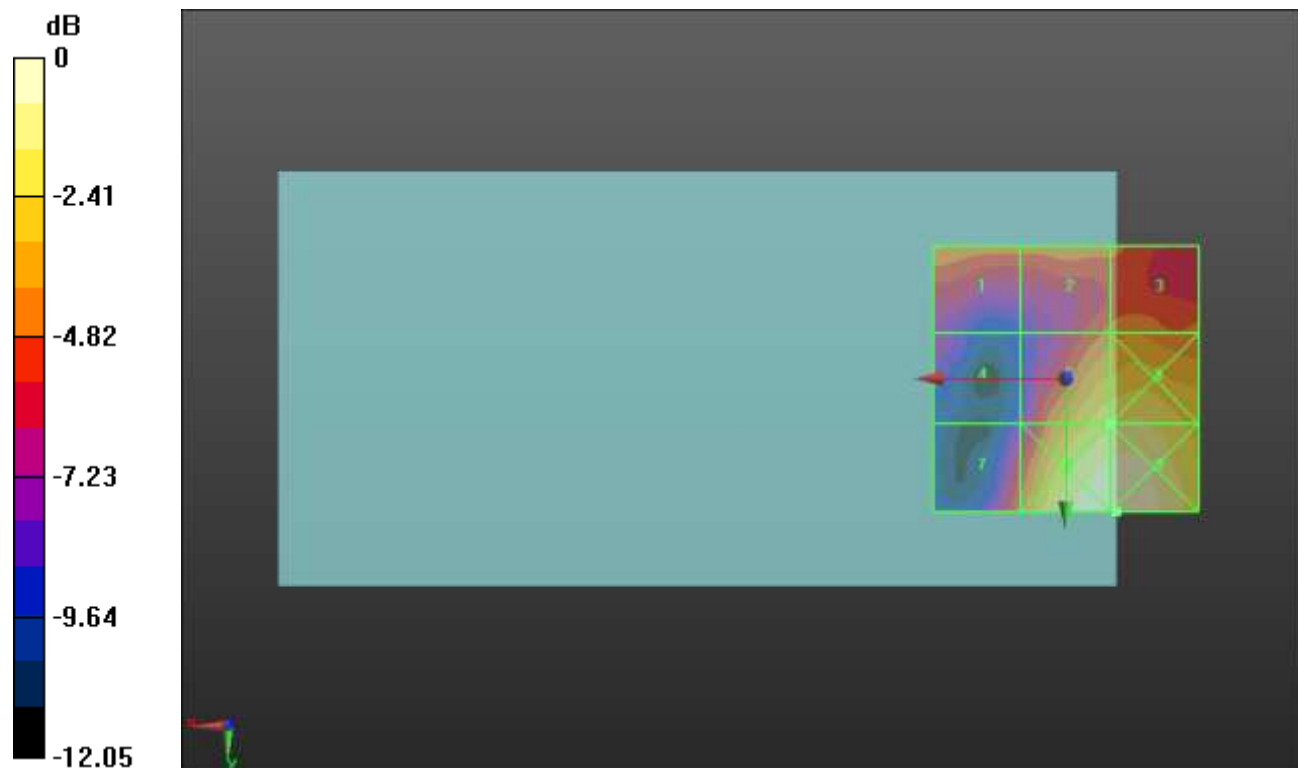
Applied MIF = 3.63 dB

RF audio interference level = 23.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.7 dBV/m	Grid 2 M4 21.32 dBV/m	Grid 3 M4 21.34 dBV/m
Grid 4 M4 18.07 dBV/m	Grid 5 M4 23.71 dBV/m	Grid 6 M4 23.94 dBV/m
Grid 7 M4 21.18 dBV/m	Grid 8 M4 25.39 dBV/m	Grid 9 M4 25.4 dBV/m



0 dB = 18.61 V/m = 25.39 dBV/m

HAC-RF Emission ANT 3

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 = 8.074 V/m; Power Drift = -0.05 dB

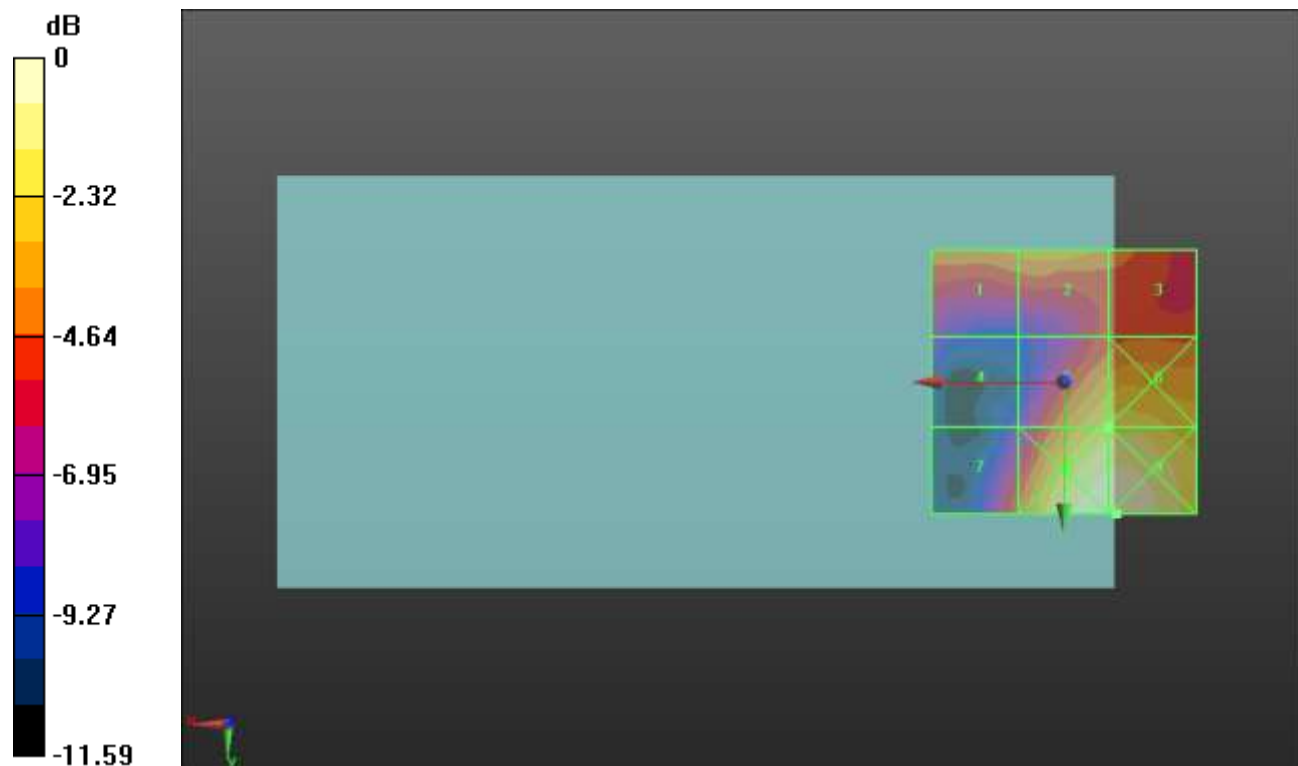
Applied MIF = 3.63 dB

RF audio interference level = 24.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.55 dBV/m	Grid 2 M4 23.03 dBV/m	Grid 3 M4 22.21 dBV/m
Grid 4 M4 18.88 dBV/m	Grid 5 M4 24.14 dBV/m	Grid 6 M4 24.41 dBV/m
Grid 7 M4 21.61 dBV/m	Grid 8 M4 26.08 dBV/m	Grid 9 M4 26.11 dBV/m



0 dB = 20.20 V/m = 26.11 dBV/m

HAC-RF Emission ANT 3

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 = 7.366 V/m; Power Drift = -0.07 dB

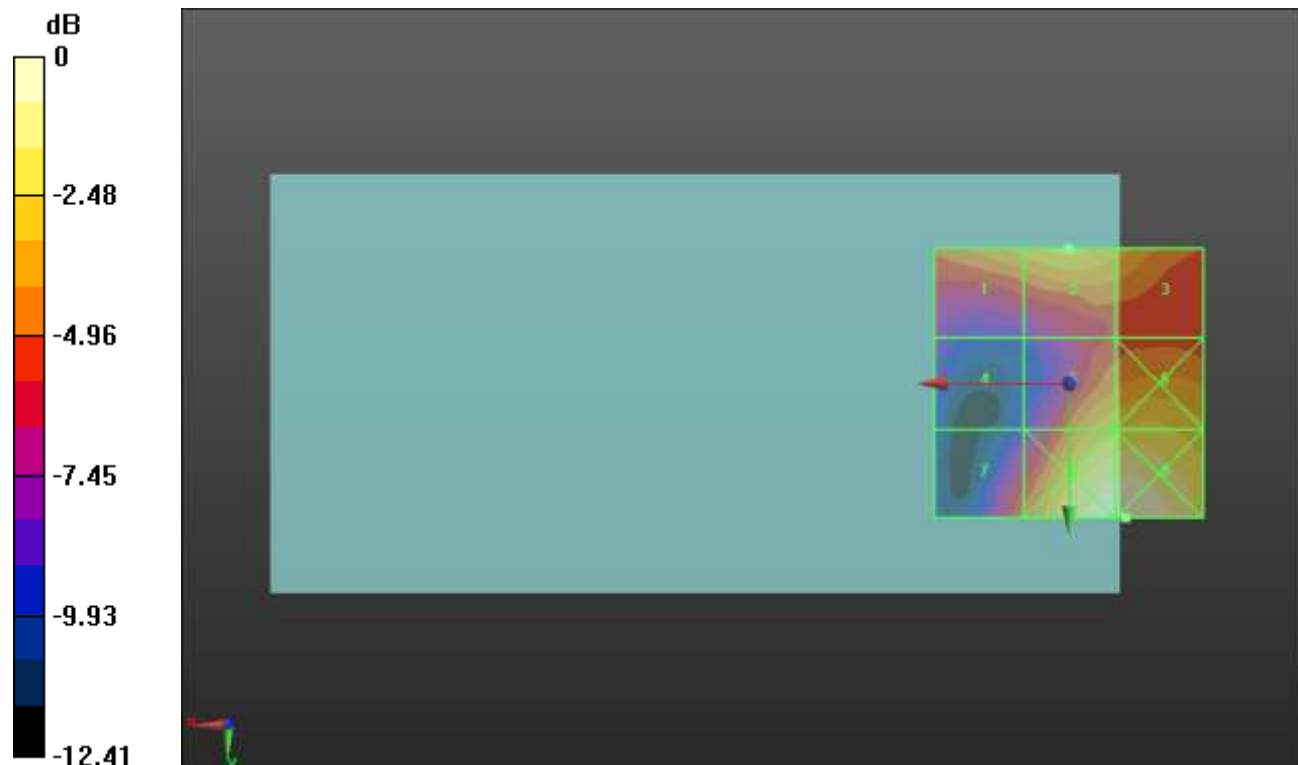
Applied MIF = 3.63 dB

RF audio interference level = 23.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.2 dBV/m	Grid 2 M4 23.92 dBV/m	Grid 3 M4 23.25 dBV/m
Grid 4 M4 18.57 dBV/m	Grid 5 M4 23.59 dBV/m	Grid 6 M4 23.88 dBV/m
Grid 7 M4 21.51 dBV/m	Grid 8 M4 26.07 dBV/m	Grid 9 M4 26.13 dBV/m



0 dB = 20.25 V/m = 26.13 dBV/m

HAC-RF Emission ANT 3

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 = 5.690 V/m; Power Drift = -0.08 dB

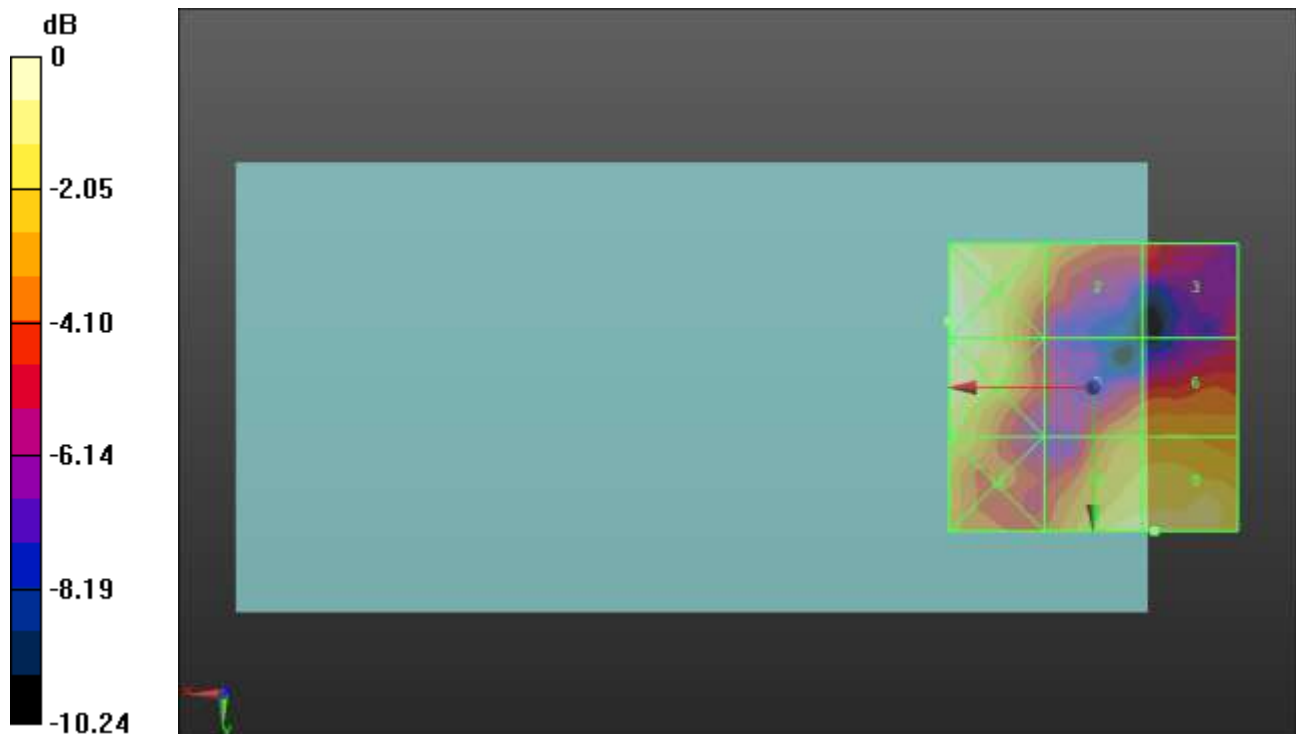
Applied MIF = -1.44 dB

RF audio interference level = 14.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.09 dBV/m	Grid 2 M4 12.83 dBV/m	Grid 3 M4 10.69 dBV/m
Grid 4 M4 14.96 dBV/m	Grid 5 M4 12.36 dBV/m	Grid 6 M4 12.53 dBV/m
Grid 7 M4 13.28 dBV/m	Grid 8 M4 14.38 dBV/m	Grid 9 M4 14.45 dBV/m



0 dB = 5.684 V/m = 15.09 dBV/m

HAC-RF Emission ANT 3

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 = 7.024 V/m; Power Drift = -0.20 dB

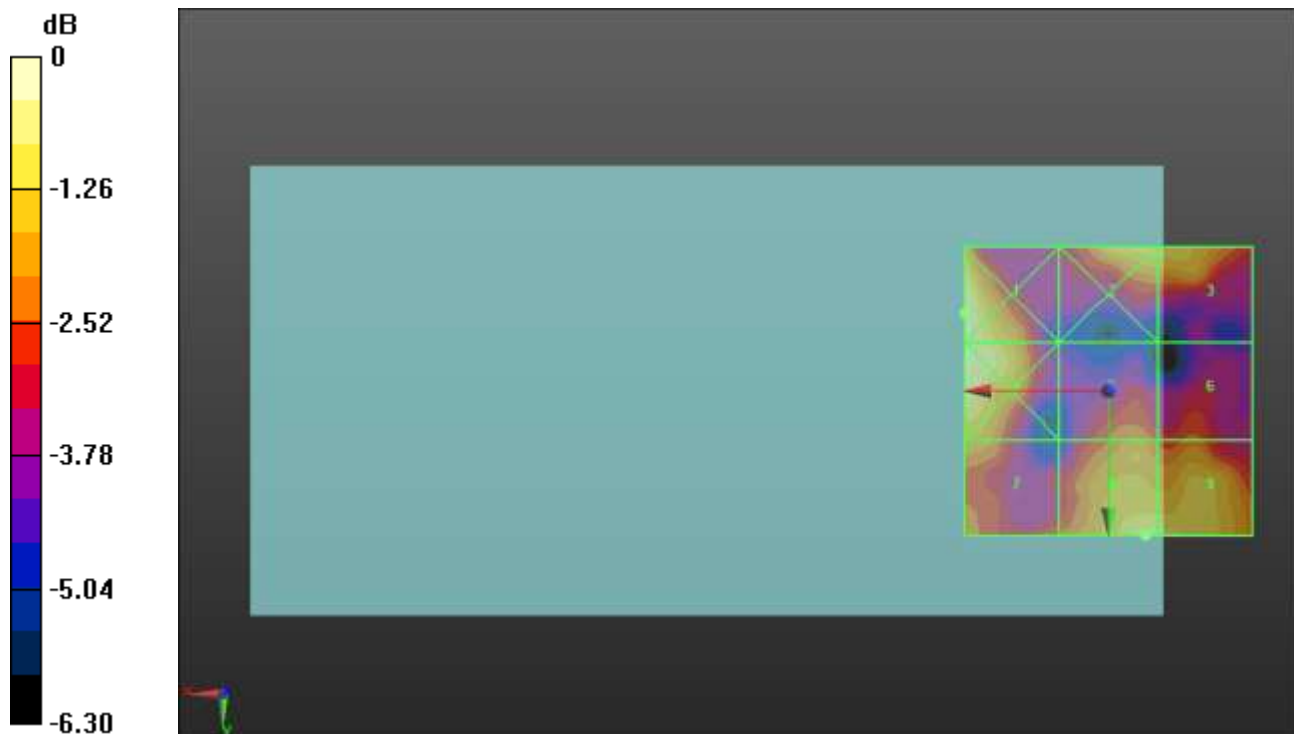
Applied MIF = -1.44 dB

RF audio interference level = 14.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.59 dBV/m	Grid 2 M4 13.63 dBV/m	Grid 3 M4 13.55 dBV/m
Grid 4 M4 14.39 dBV/m	Grid 5 M4 12.58 dBV/m	Grid 6 M4 12.29 dBV/m
Grid 7 M4 12.86 dBV/m	Grid 8 M4 14.04 dBV/m	Grid 9 M4 13.98 dBV/m



0 dB = 5.365 V/m = 14.59 dBV/m

HAC-RF Emission ANT 3

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 = 6.404 V/m; Power Drift = -0.11 dB

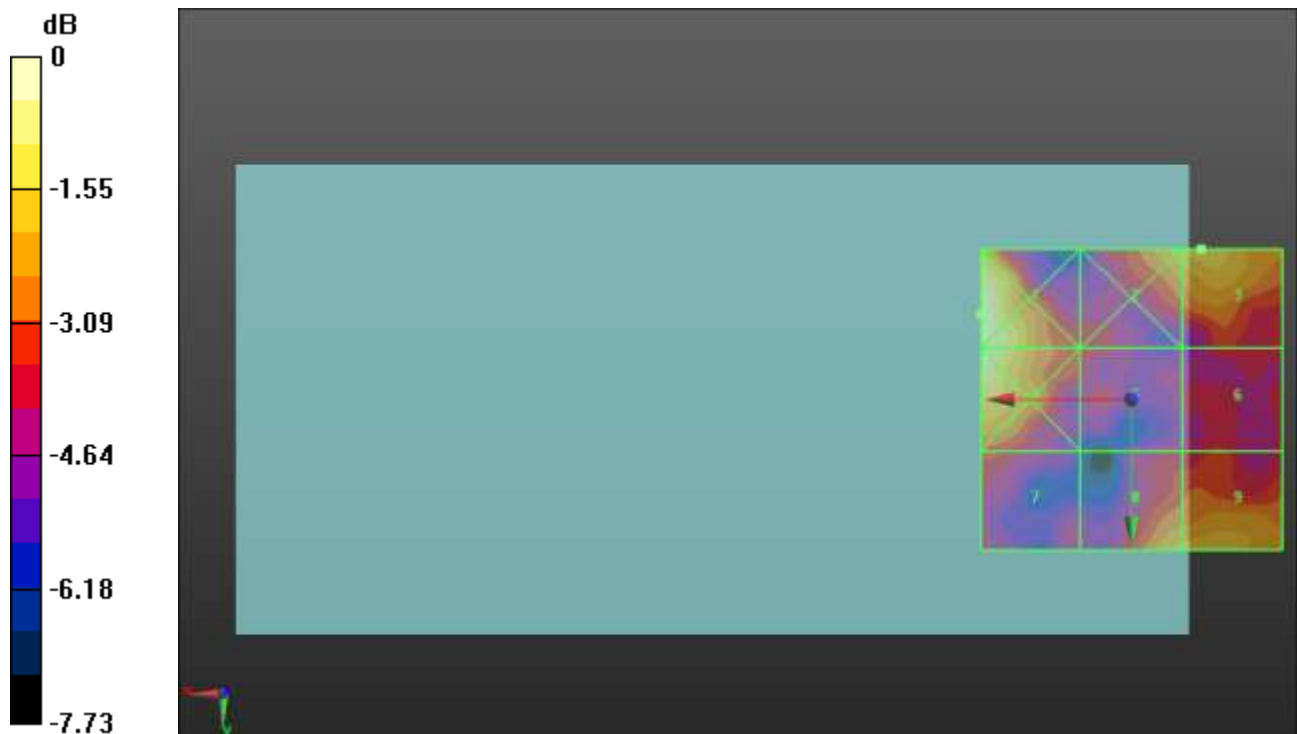
Applied MIF = -1.44 dB

RF audio interference level = 14.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.42 dBV/m	Grid 2 M4 14.01 dBV/m	Grid 3 M4 14.32 dBV/m
Grid 4 M4 15.27 dBV/m	Grid 5 M4 11.81 dBV/m	Grid 6 M4 11.96 dBV/m
Grid 7 M4 12.14 dBV/m	Grid 8 M4 13.6 dBV/m	Grid 9 M4 13.75 dBV/m



0 dB = 5.900 V/m = 15.42 dBV/m

HAC-RF Emission ANT 3

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 = 5.305 V/m; Power Drift = -0.19 dB

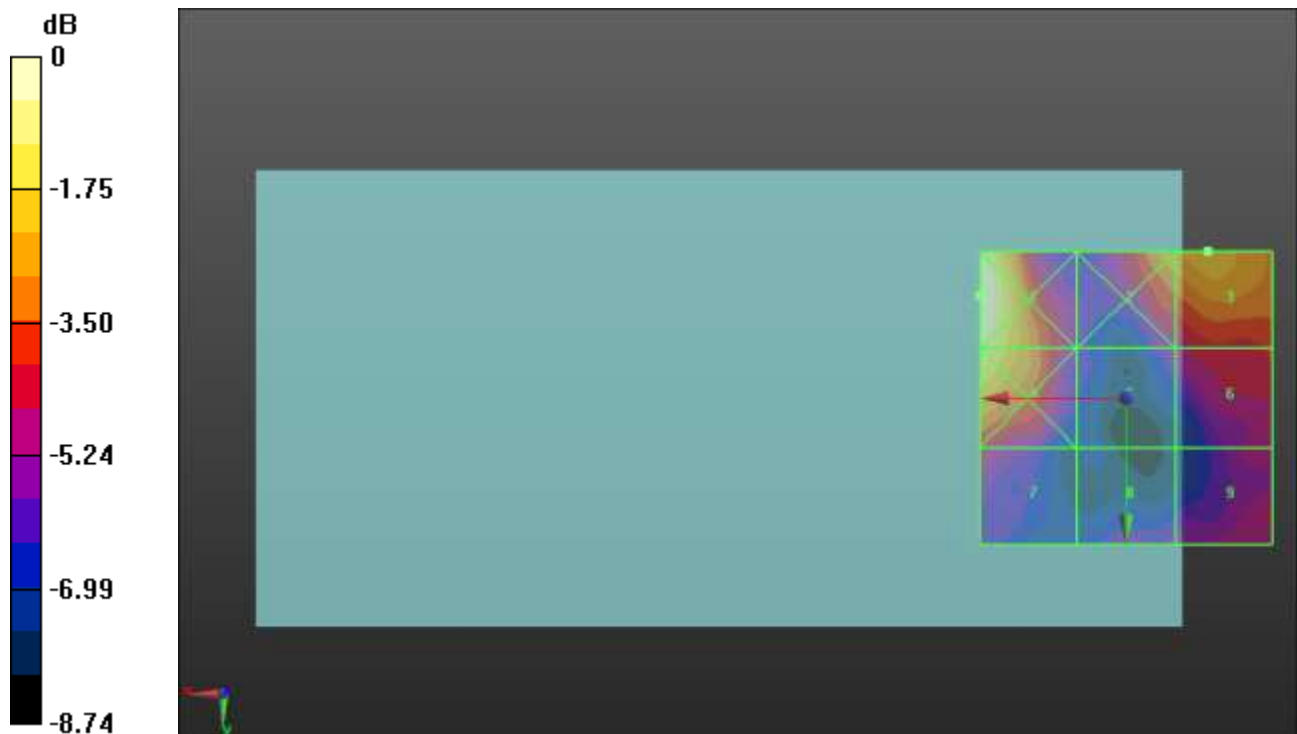
Applied MIF = -1.44 dB

RF audio interference level = 16.65 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.56 dBV/m	Grid 2 M4 16.22 dBV/m	Grid 3 M4 16.65 dBV/m
Grid 4 M4 18.01 dBV/m	Grid 5 M4 13.45 dBV/m	Grid 6 M4 14.63 dBV/m
Grid 7 M4 14.41 dBV/m	Grid 8 M4 13.1 dBV/m	Grid 9 M4 14.03 dBV/m



0 dB = 8.468 V/m = 18.56 dBV/m

HAC-RF Emission ANT 3

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 = 4.427 V/m; Power Drift = 0.07 dB

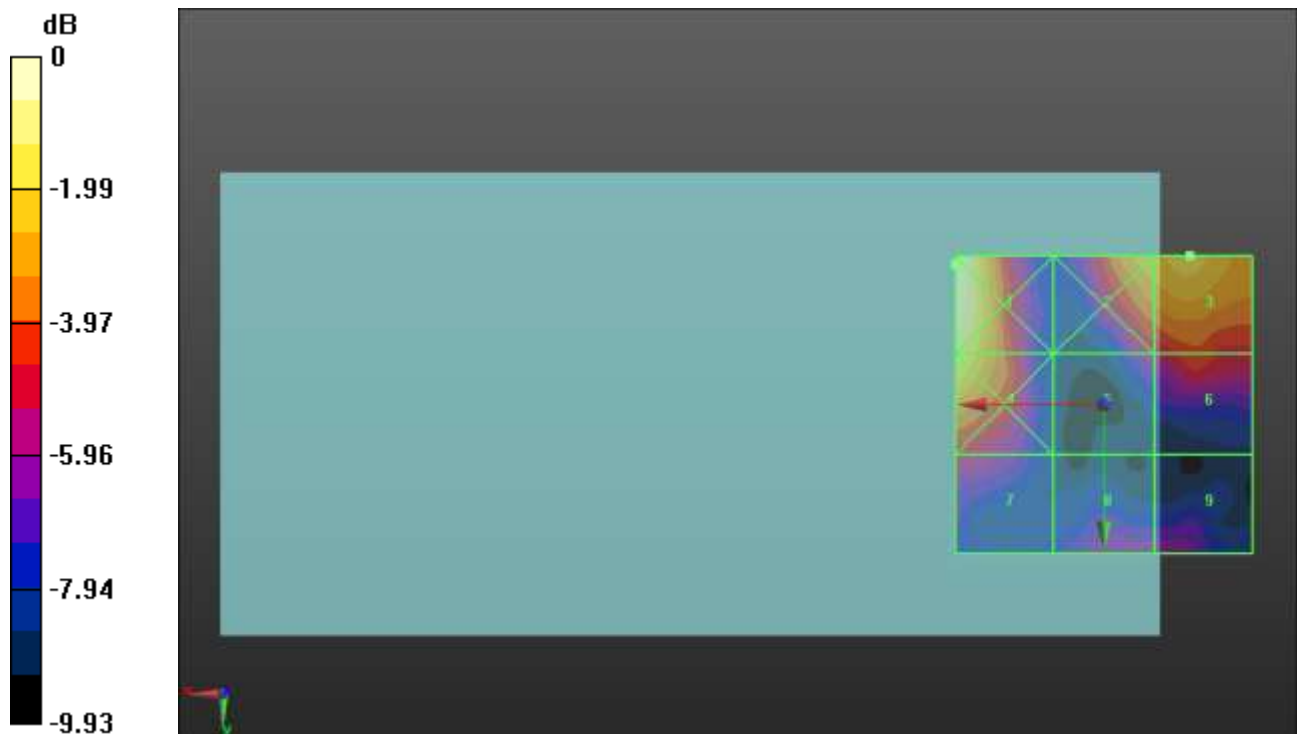
Applied MIF = -1.44 dB

RF audio interference level = 17.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.06 dBV/m	Grid 2 M4 16.95 dBV/m	Grid 3 M4 17.45 dBV/m
Grid 4 M4 18.12 dBV/m	Grid 5 M4 13.67 dBV/m	Grid 6 M4 14.84 dBV/m
Grid 7 M4 14.11 dBV/m	Grid 8 M4 13.05 dBV/m	Grid 9 M4 13.05 dBV/m



0 dB = 8.977 V/m = 19.06 dBV/m

HAC-RF Emission ANT 3

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 = 4.470 V/m; Power Drift = -0.13 dB

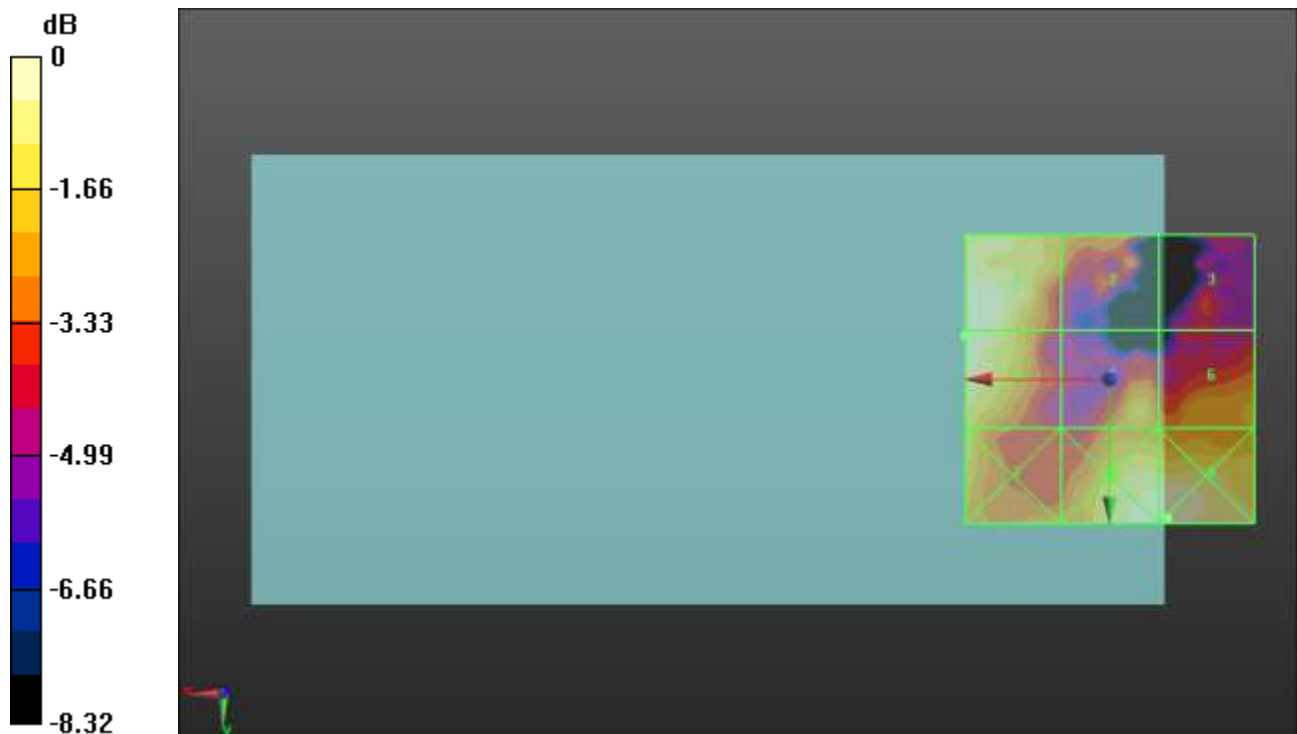
Applied MIF = -1.44 dB

RF audio interference level = 13.13 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.13 dBV/m	Grid 2 M4 11.28 dBV/m	Grid 3 M4 9.66 dBV/m
Grid 4 M4 13.13 dBV/m	Grid 5 M4 11.59 dBV/m	Grid 6 M4 11.29 dBV/m
Grid 7 M4 12.15 dBV/m	Grid 8 M4 13.13 dBV/m	Grid 9 M4 13.19 dBV/m



0 dB = 4.566 V/m = 13.19 dBV/m

HAC-RF Emission ANT 3

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 = 5.660 V/m; Power Drift = -0.15 dB

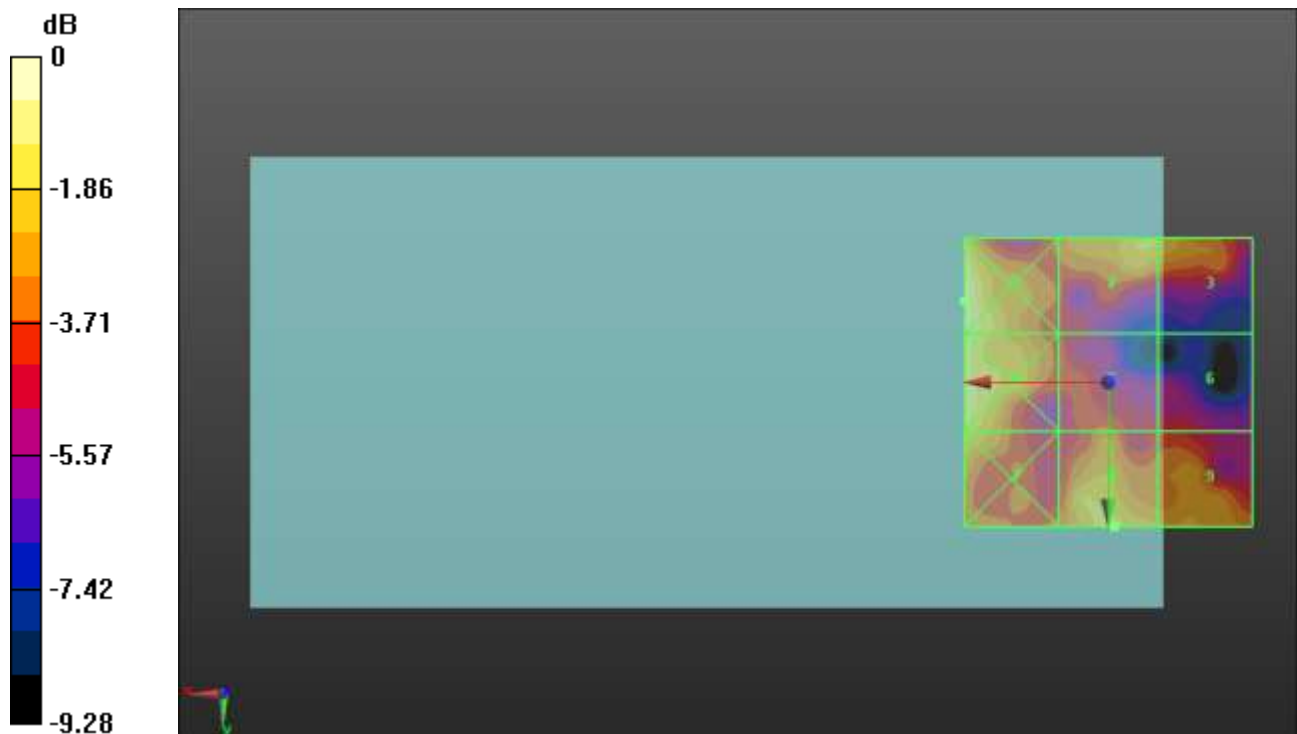
Applied MIF = -1.44 dB

RF audio interference level = 11.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.21 dBV/m	Grid 2 M4 11.41 dBV/m	Grid 3 M4 11.33 dBV/m
Grid 4 M4 12.88 dBV/m	Grid 5 M4 9.83 dBV/m	Grid 6 M4 8.95 dBV/m
Grid 7 M4 11.84 dBV/m	Grid 8 M4 11.71 dBV/m	Grid 9 M4 10.94 dBV/m



0 dB = 4.574 V/m = 13.21 dBV/m

HAC-RF Emission ANT 3

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 = 7.175 V/m; Power Drift = -0.16 dB

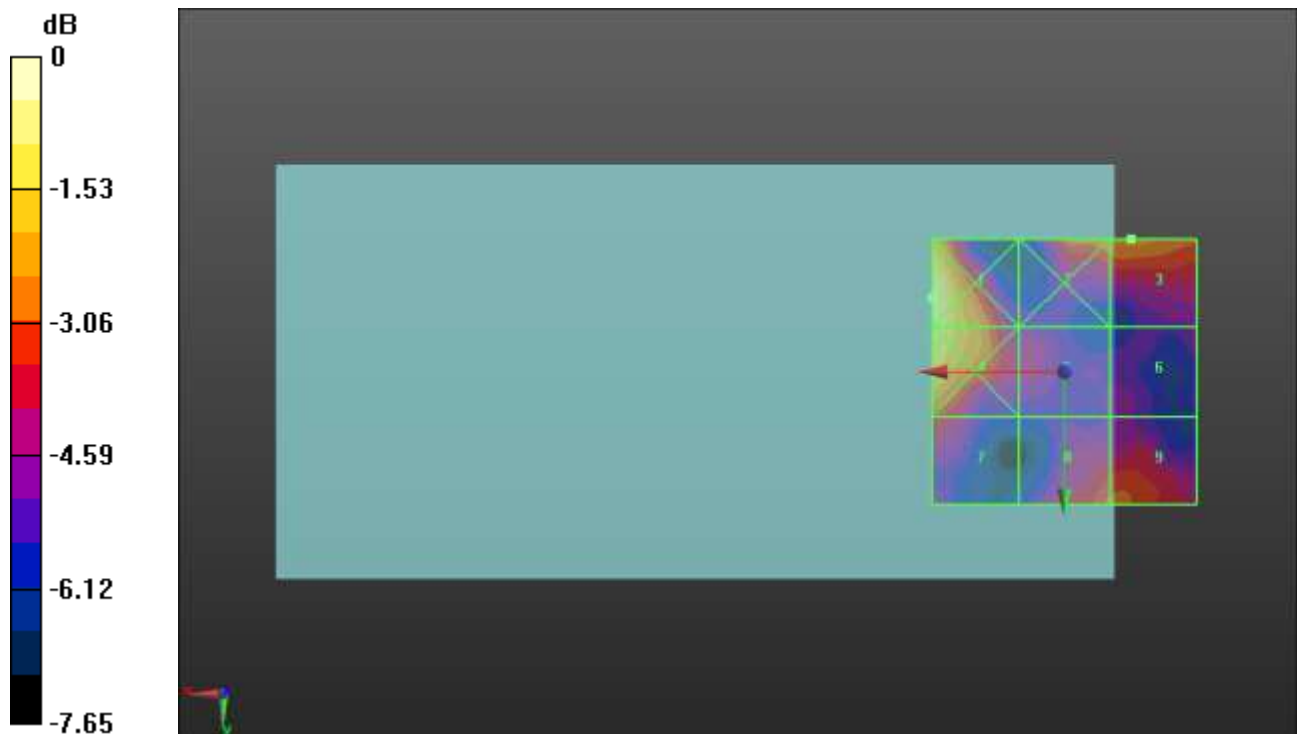
Applied MIF = -1.44 dB

RF audio interference level = 14.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.49 dBV/m	Grid 2 M4 14.04 dBV/m	Grid 3 M4 14.17 dBV/m
Grid 4 M4 16.09 dBV/m	Grid 5 M4 12.31 dBV/m	Grid 6 M4 11.8 dBV/m
Grid 7 M4 13.01 dBV/m	Grid 8 M4 13.66 dBV/m	Grid 9 M4 13.82 dBV/m



0 dB = 6.675 V/m = 16.49 dBV/m

HAC-RF Emission ANT 3

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 = 5.684 V/m; Power Drift = -0.09 dB

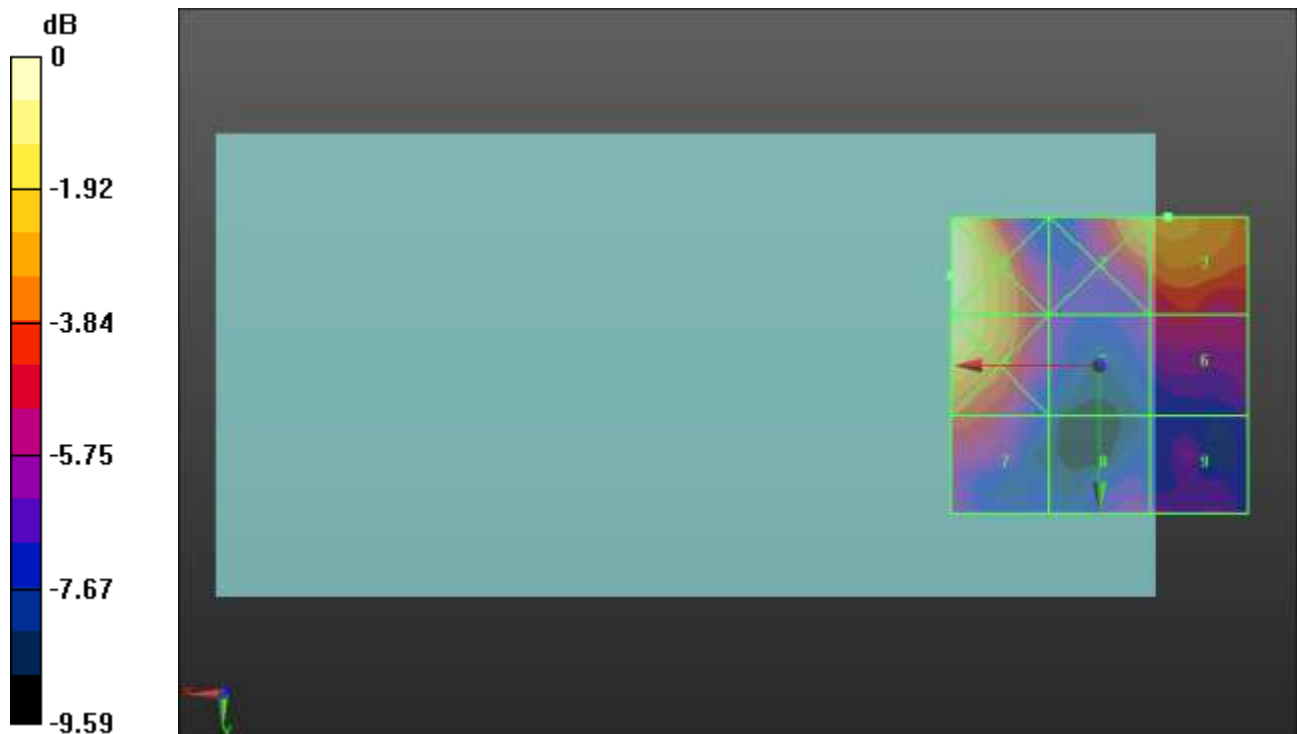
Applied MIF = -1.44 dB

RF audio interference level = 16.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.88 dBV/m	Grid 2 M4 16.51 dBV/m	Grid 3 M4 16.68 dBV/m
Grid 4 M4 18.62 dBV/m	Grid 5 M4 13.23 dBV/m	Grid 6 M4 14.24 dBV/m
Grid 7 M4 15.01 dBV/m	Grid 8 M4 12.95 dBV/m	Grid 9 M4 12.82 dBV/m



0 dB = 8.795 V/m = 18.88 dBV/m

HAC-RF Emission ANT 3

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 = 4.975 V/m; Power Drift = 0.04 dB

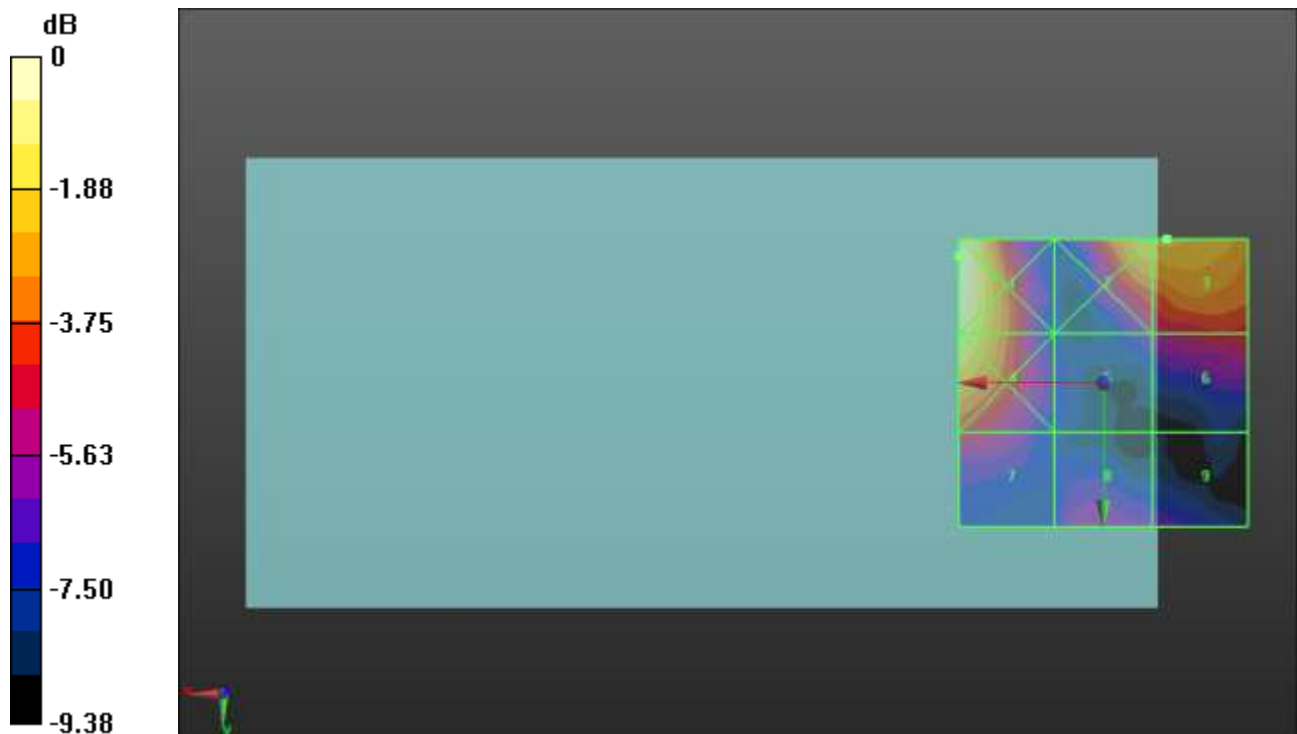
Applied MIF = -1.44 dB

RF audio interference level = 17.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.51 dBV/m	Grid 2 M4 17.72 dBV/m	Grid 3 M4 17.86 dBV/m
Grid 4 M4 18.73 dBV/m	Grid 5 M4 13.88 dBV/m	Grid 6 M4 15.02 dBV/m
Grid 7 M4 15.05 dBV/m	Grid 8 M4 14.24 dBV/m	Grid 9 M4 13.46 dBV/m



0 dB = 9.455 V/m = 19.51 dBV/m

HAC-RF Emission ANT 3

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 = 11.60 V/m; Power Drift = -0.94 dB

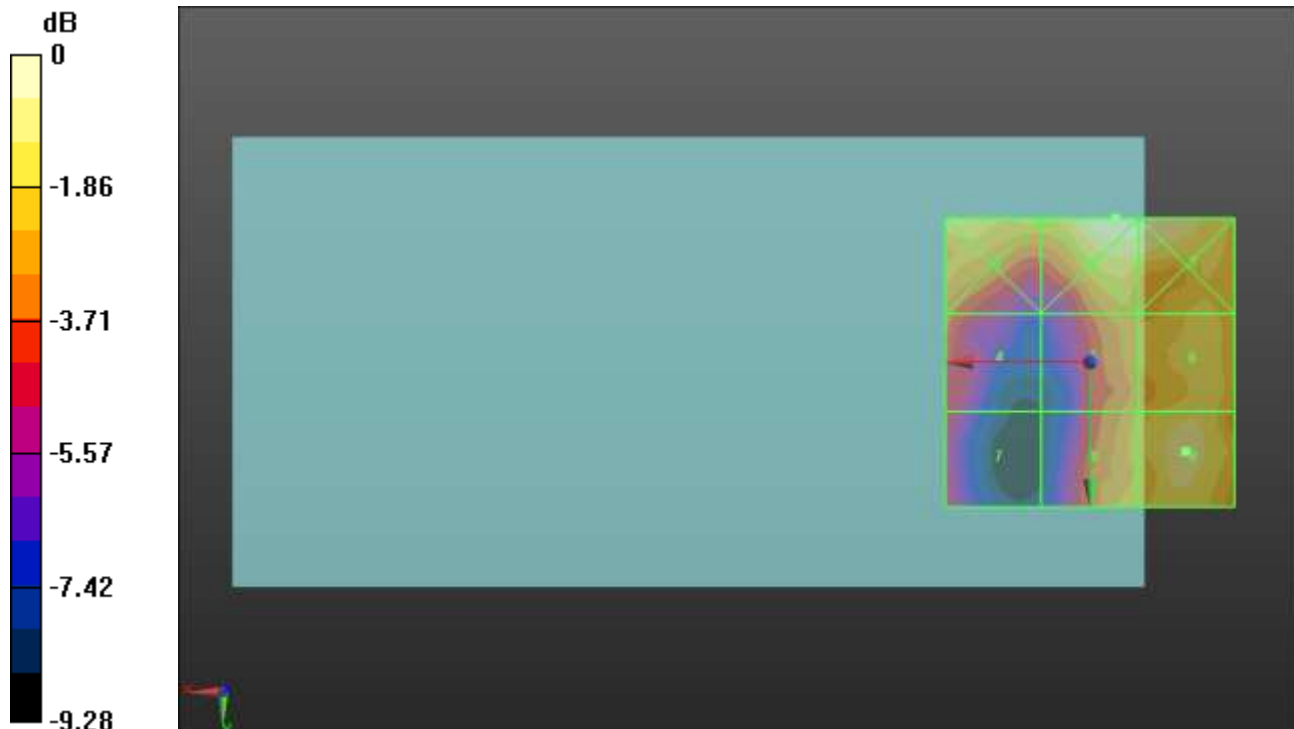
Applied MIF = -2.02 dB

RF audio interference level = 20.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.15 dBV/m	Grid 2 M4 21.75 dBV/m	Grid 3 M4 21.45 dBV/m
Grid 4 M4 18.52 dBV/m	Grid 5 M4 19.39 dBV/m	Grid 6 M4 20.44 dBV/m
Grid 7 M4 17.34 dBV/m	Grid 8 M4 19.81 dBV/m	Grid 9 M4 20.73 dBV/m



0 dB = 12.24 V/m = 21.76 dBV/m

HAC-RF Emission ANT 3

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 = 9.997 V/m; Power Drift = -0.34 dB

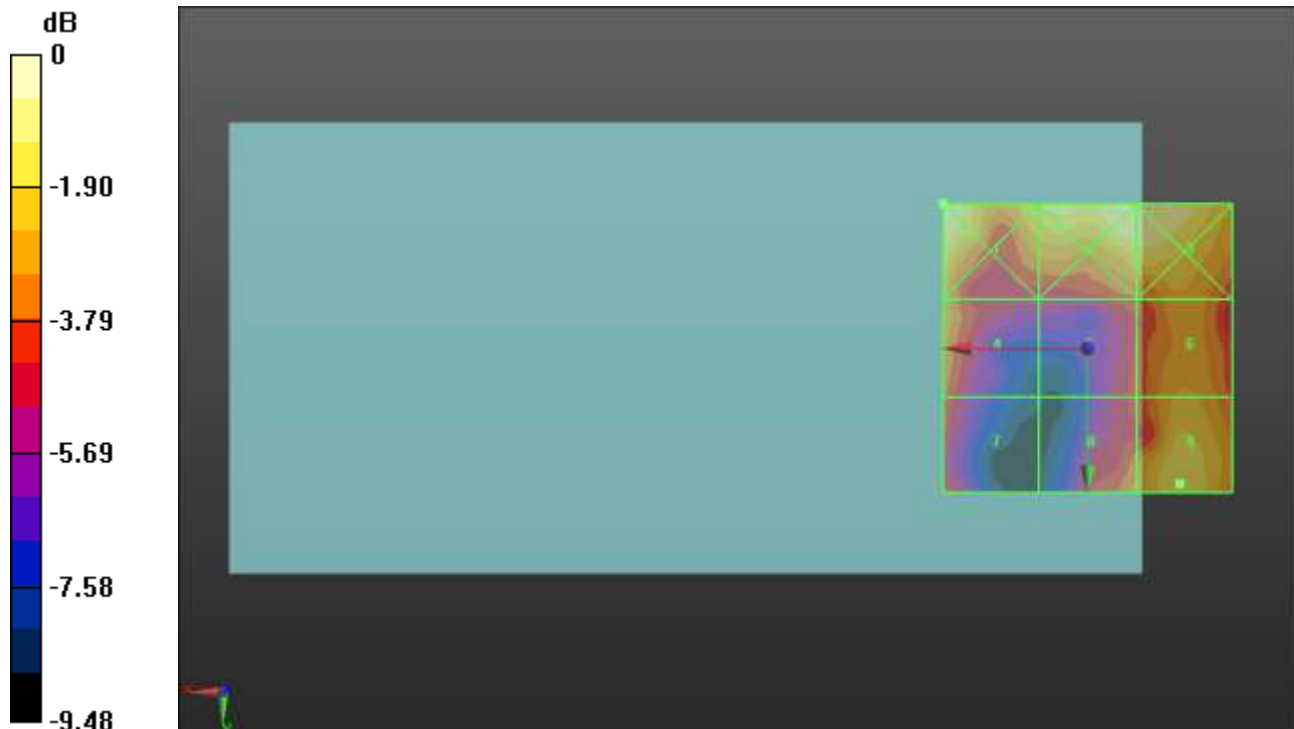
Applied MIF = -2.02 dB

RF audio interference level = 20.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.82 dBV/m	Grid 2 M4 21.25 dBV/m	Grid 3 M4 21.3 dBV/m
Grid 4 M4 19.48 dBV/m	Grid 5 M4 17.9 dBV/m	Grid 6 M4 19.44 dBV/m
Grid 7 M4 18.2 dBV/m	Grid 8 M4 18.9 dBV/m	Grid 9 M4 20.57 dBV/m



0 dB = 12.33 V/m = 21.82 dBV/m

HAC-RF Emission ANT 3

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 = 10.35 V/m; Power Drift = 0.13 dB

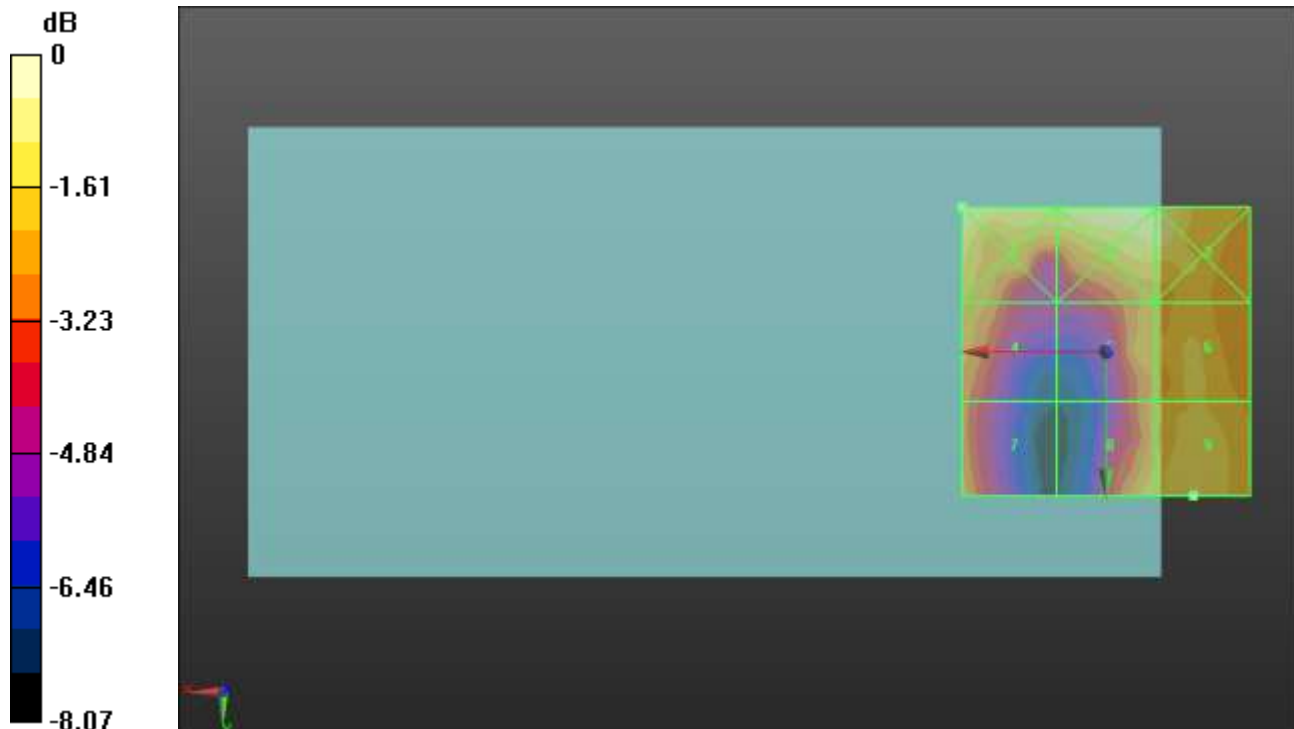
Applied MIF = -2.02 dB

RF audio interference level = 19.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.72 dBV/m	Grid 2 M4 20.43 dBV/m	Grid 3 M4 20.15 dBV/m
Grid 4 M4 18.55 dBV/m	Grid 5 M4 18.52 dBV/m	Grid 6 M4 19.31 dBV/m
Grid 7 M4 18.41 dBV/m	Grid 8 M4 18.92 dBV/m	Grid 9 M4 19.7 dBV/m



0 dB = 10.86 V/m = 20.72 dBV/m

HAC-RF Emission ANT 3

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)

802.11b 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 = 10.20 V/m; Power Drift = -0.93 dB

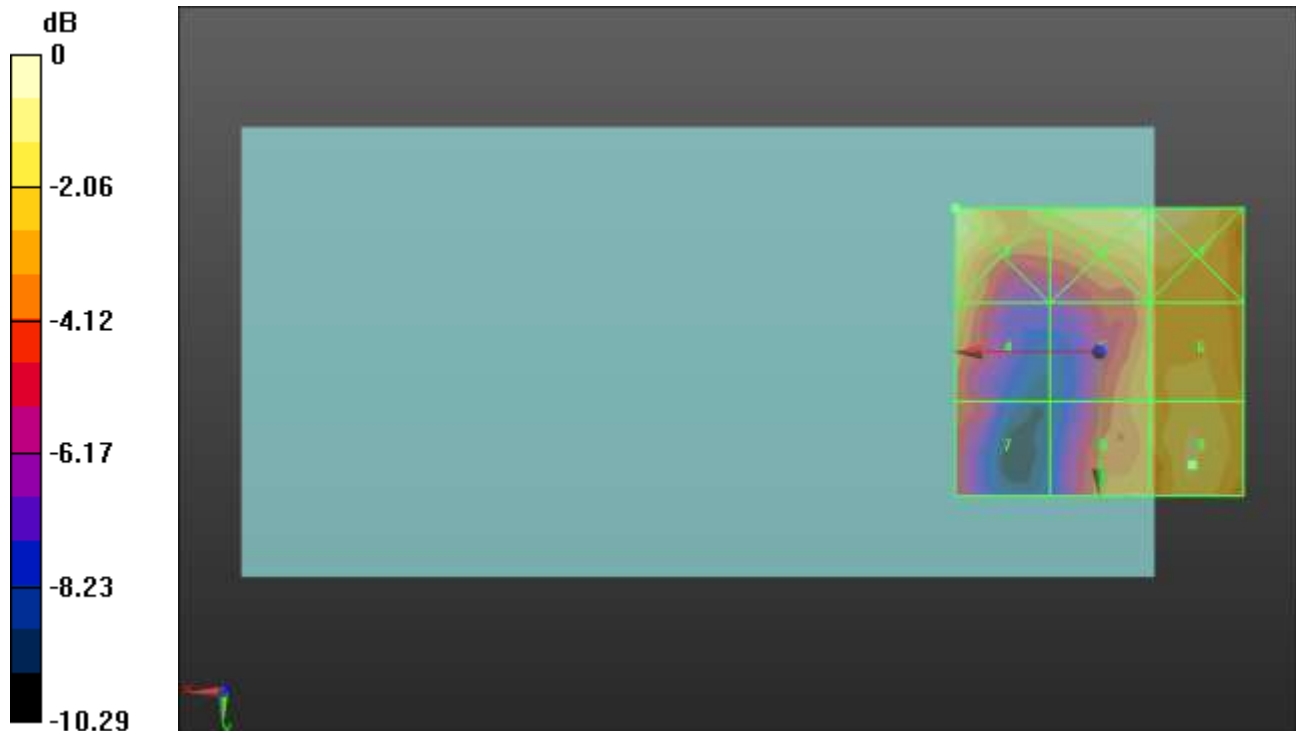
Applied MIF = 0.12 dB

RF audio interference level = 22.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.62 dBV/m	Grid 2 M4 23.06 dBV/m	Grid 3 M4 23.2 dBV/m
Grid 4 M4 21.12 dBV/m	Grid 5 M4 21.04 dBV/m	Grid 6 M4 21.97 dBV/m
Grid 7 M4 19.23 dBV/m	Grid 8 M4 21.03 dBV/m	Grid 9 M4 22.35 dBV/m



0 dB = 15.17 V/m = 23.62 dBV/m

HAC-RF Emission ANT 3

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)

802.11b E-Field measurement/IEEE 802.11g_OFDM 54 Mbps_ch 6/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.794 V/m; Power Drift = -1.43 dB

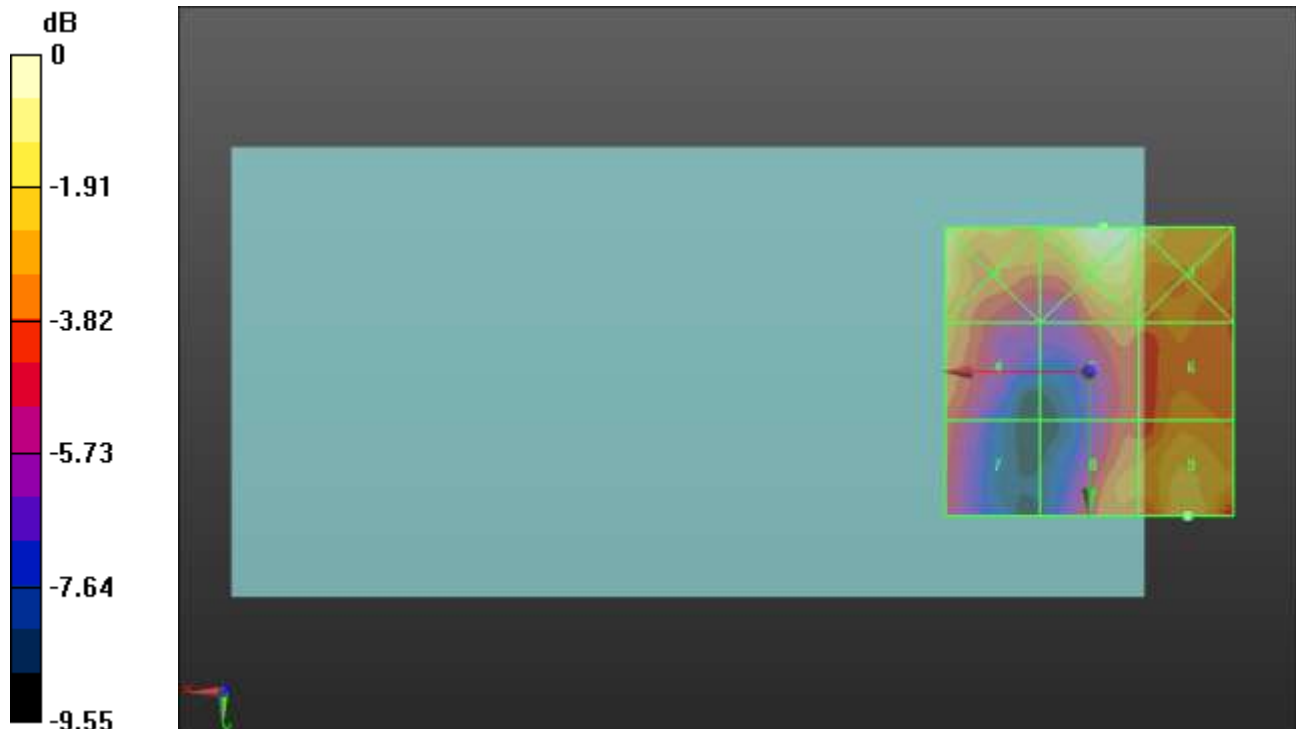
Applied MIF = 0.12 dB

RF audio interference level = 22.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.73 dBV/m	Grid 2 M4 24.05 dBV/m	Grid 3 M4 23.67 dBV/m
Grid 4 M4 21.36 dBV/m	Grid 5 M4 20.82 dBV/m	Grid 6 M4 21.3 dBV/m
Grid 7 M4 20.07 dBV/m	Grid 8 M4 21.15 dBV/m	Grid 9 M4 22.67 dBV/m



0 dB = 15.94 V/m = 24.05 dBV/m

HAC-RF Emission ANT 3

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)

802.11b 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 = 9.525 V/m; Power Drift = -1.95 dB

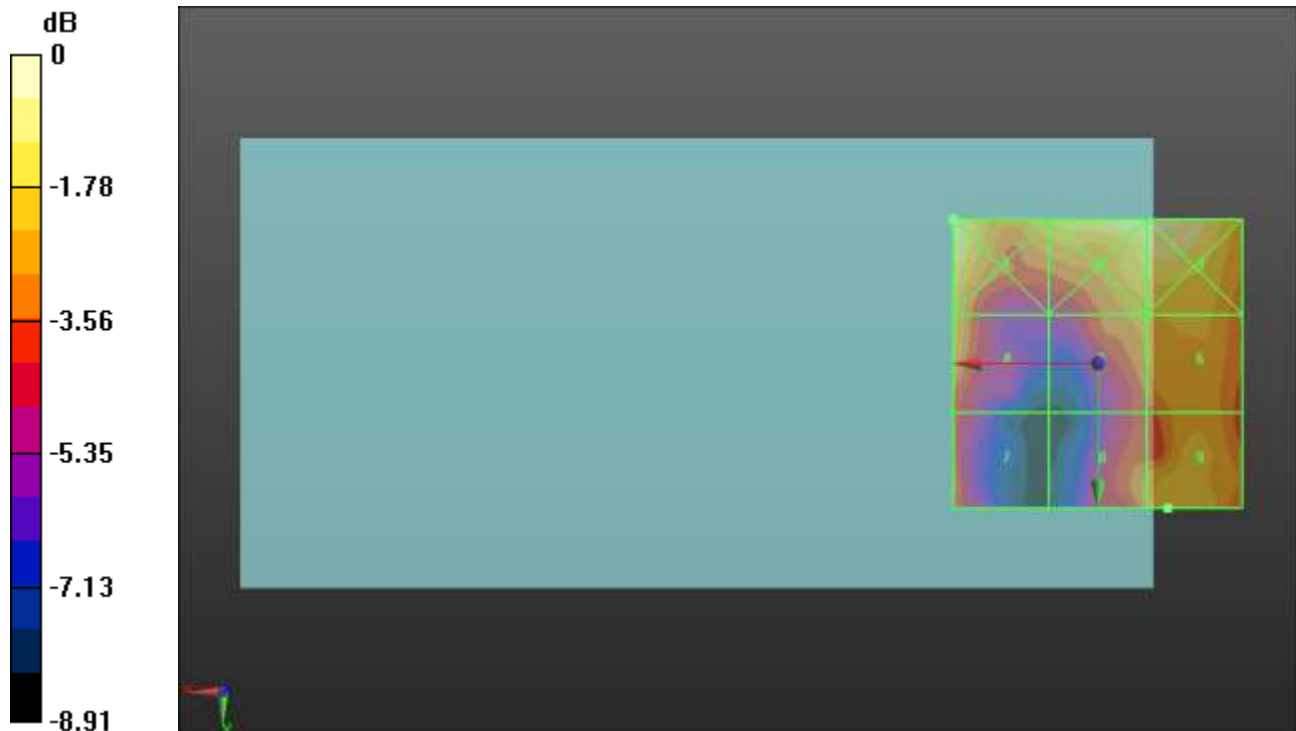
Applied MIF = 0.12 dB

RF audio interference level = 21.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.08 dBV/m	Grid 2 M4 22.85 dBV/m	Grid 3 M4 22.81 dBV/m
Grid 4 M4 21.23 dBV/m	Grid 5 M4 20.53 dBV/m	Grid 6 M4 20.87 dBV/m
Grid 7 M4 19.92 dBV/m	Grid 8 M4 20.46 dBV/m	Grid 9 M4 21.3 dBV/m



0 dB = 14.25 V/m = 23.08 dBV/m

HAC-RF Emission ANT 4

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 = 12.13 V/m; Power Drift = 0.07 dB

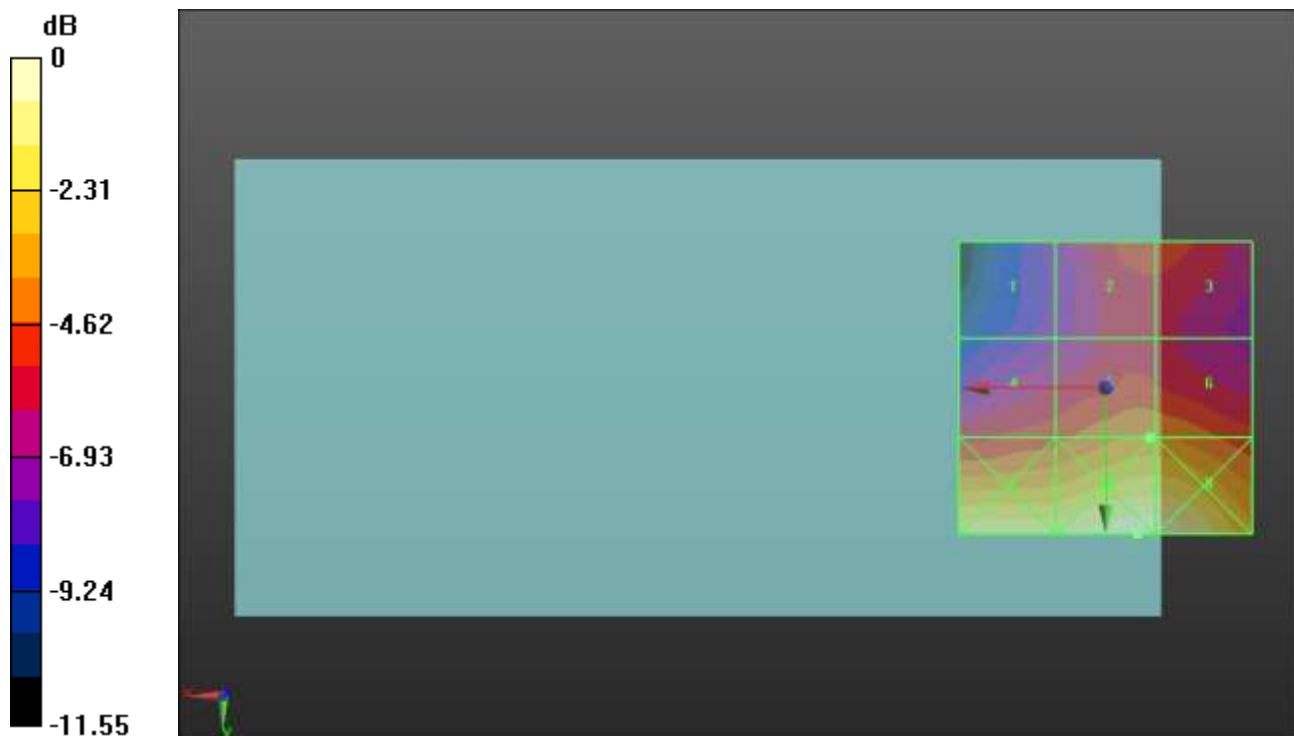
Applied MIF = 3.63 dB

RF audio interference level = 25.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.28 dBV/m	Grid 2 M4 24.58 dBV/m	Grid 3 M4 24.45 dBV/m
Grid 4 M4 24.52 dBV/m	Grid 5 M4 25.64 dBV/m	Grid 6 M4 25.63 dBV/m
Grid 7 M4 28.65 dBV/m	Grid 8 M4 29.37 dBV/m	Grid 9 M4 29.3 dBV/m



0 dB = 29.40 V/m = 29.37 dBV/m

HAC-RF Emission ANT 4

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 = 11.79 V/m; Power Drift = 0.17 dB

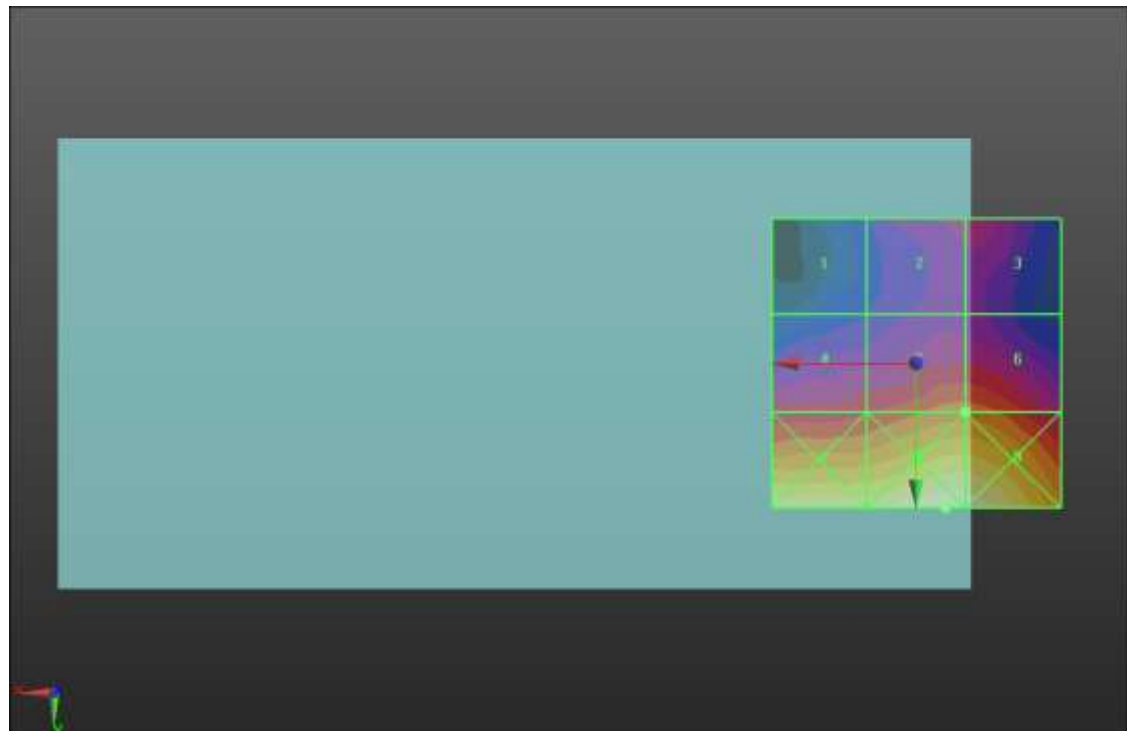
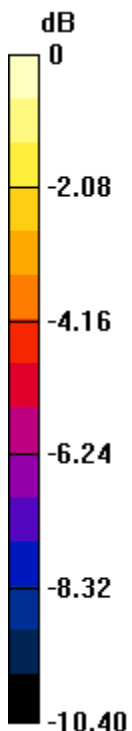
Applied MIF = 3.63 dB

RF audio interference level = 25.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.58 dBV/m	Grid 2 M4 23.25 dBV/m	Grid 3 M4 23.25 dBV/m
Grid 4 M4 24.27 dBV/m	Grid 5 M4 25.4 dBV/m	Grid 6 M4 25.4 dBV/m
Grid 7 M4 28.47 dBV/m	Grid 8 M4 29.15 dBV/m	Grid 9 M4 29.06 dBV/m



0 dB = 28.67 V/m = 29.15 dBV/m

HAC-RF Emission ANT 4

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 = 12.28 V/m; Power Drift = 0.00 dB

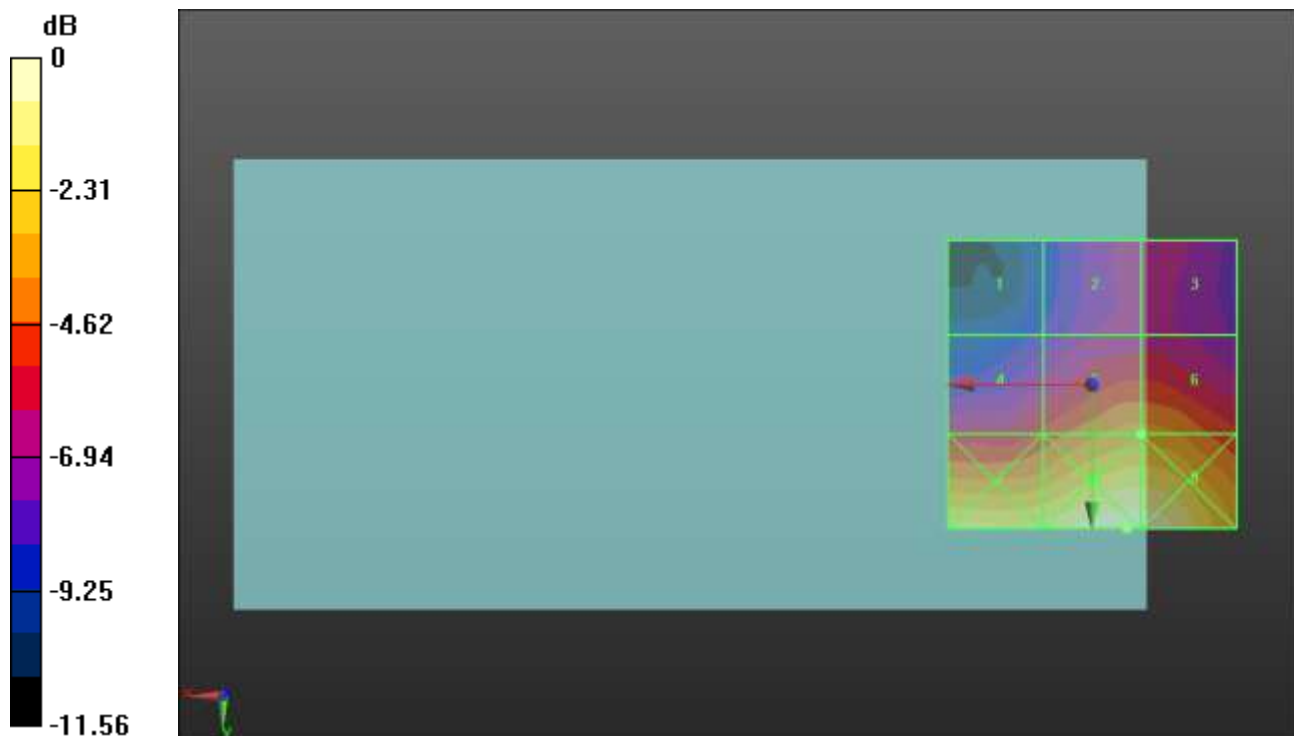
Applied MIF = 3.63 dB

RF audio interference level = 26.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.3 dBV/m	Grid 2 M4 23.2 dBV/m	Grid 3 M4 23.29 dBV/m
Grid 4 M4 24.32 dBV/m	Grid 5 M4 26 dBV/m	Grid 6 M4 26 dBV/m
Grid 7 M4 28.37 dBV/m	Grid 8 M4 29.48 dBV/m	Grid 9 M4 29.42 dBV/m



0 dB = 29.79 V/m = 29.48 dBV/m

HAC-RF Emission ANT 4

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 = 27.17 V/m; Power Drift = -0.00 dB

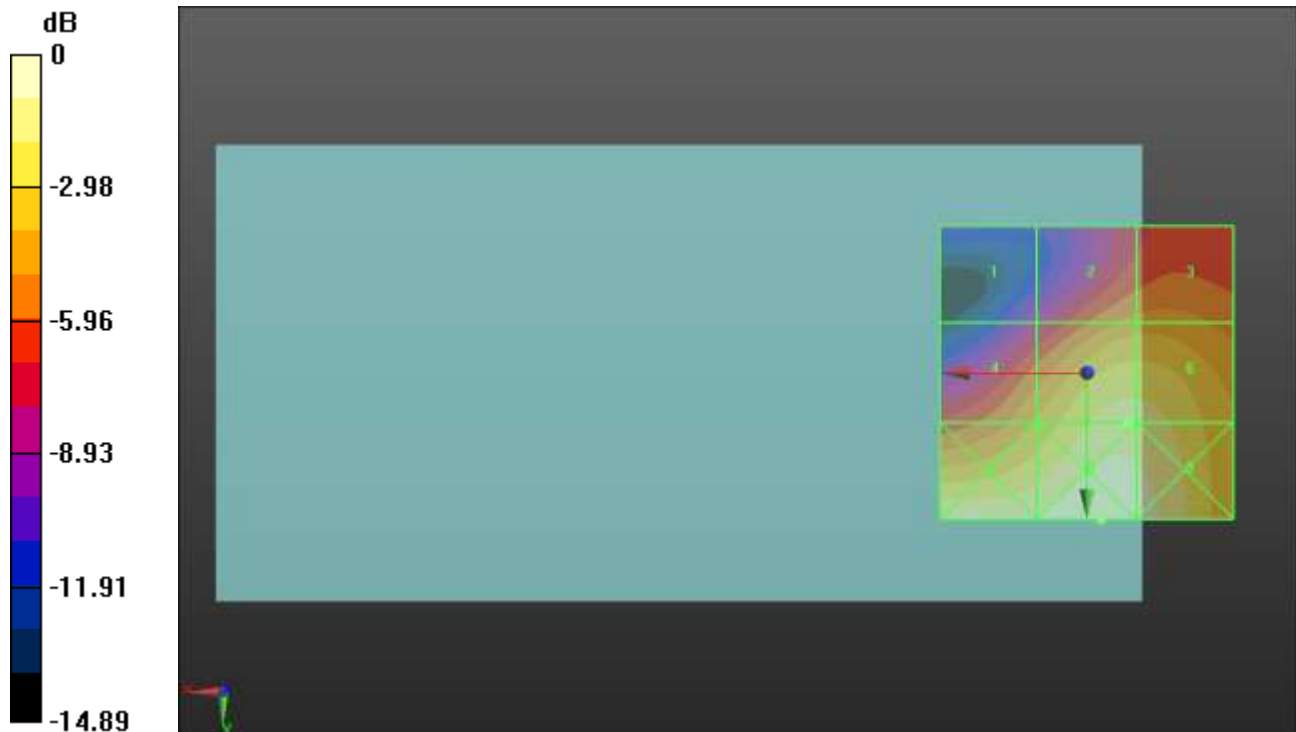
Applied MIF = -1.44 dB

RF audio interference level = 27.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.29 dBV/m	Grid 2 M4 24.2 dBV/m	Grid 3 M4 24.33 dBV/m
Grid 4 M4 24.96 dBV/m	Grid 5 M4 27.24 dBV/m	Grid 6 M4 27.21 dBV/m
Grid 7 M4 28.09 dBV/m	Grid 8 M4 28.74 dBV/m	Grid 9 M4 28.39 dBV/m



0 dB = 27.36 V/m = 28.74 dBV/m

HAC-RF Emission ANT 4

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 = 31.51 V/m; Power Drift = 0.11 dB

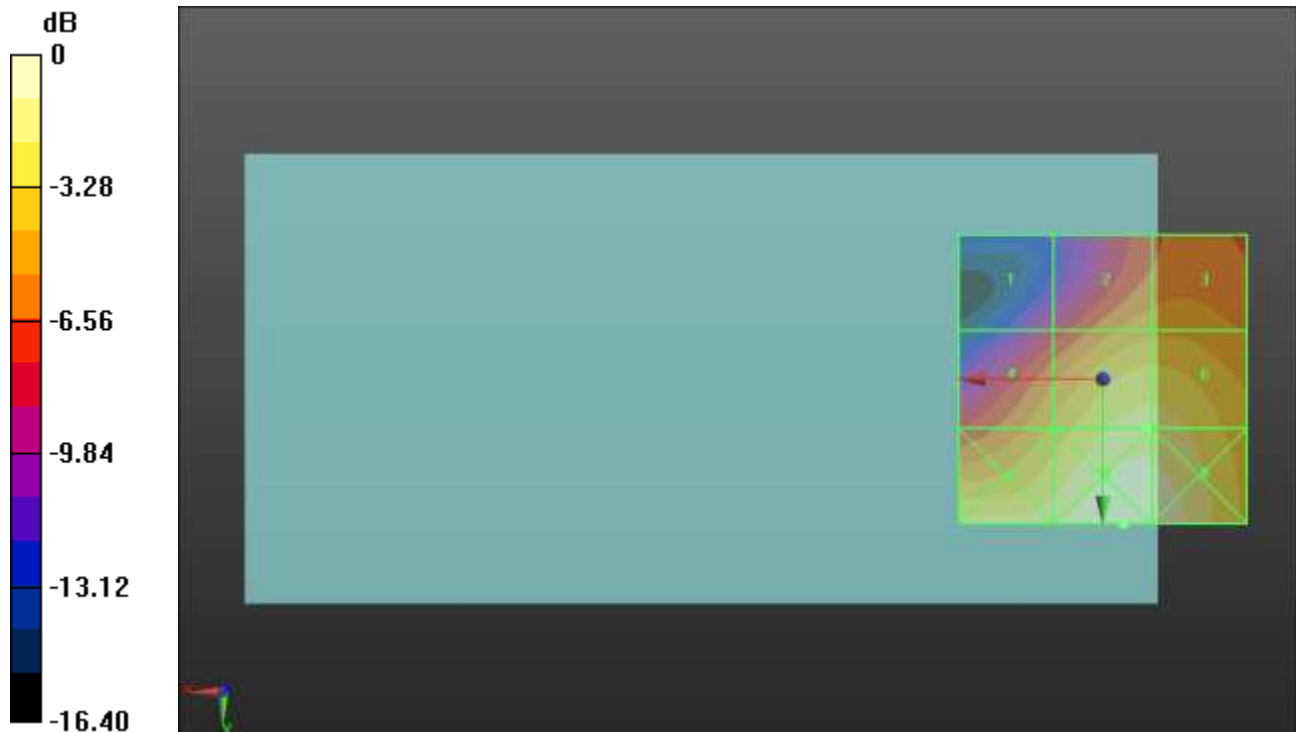
Applied MIF = -1.44 dB

RF audio interference level = 28.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.86 dBV/m	Grid 2 M4 25.63 dBV/m	Grid 3 M4 25.74 dBV/m
Grid 4 M4 26.22 dBV/m	Grid 5 M4 28.58 dBV/m	Grid 6 M4 28.56 dBV/m
Grid 7 M4 29.04 dBV/m	Grid 8 M3 30.27 dBV/m	Grid 9 M3 30.09 dBV/m



0 dB = 32.63 V/m = 30.27 dBV/m

HAC-RF Emission ANT 4

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 = 26.41 V/m; Power Drift = 0.11 dB

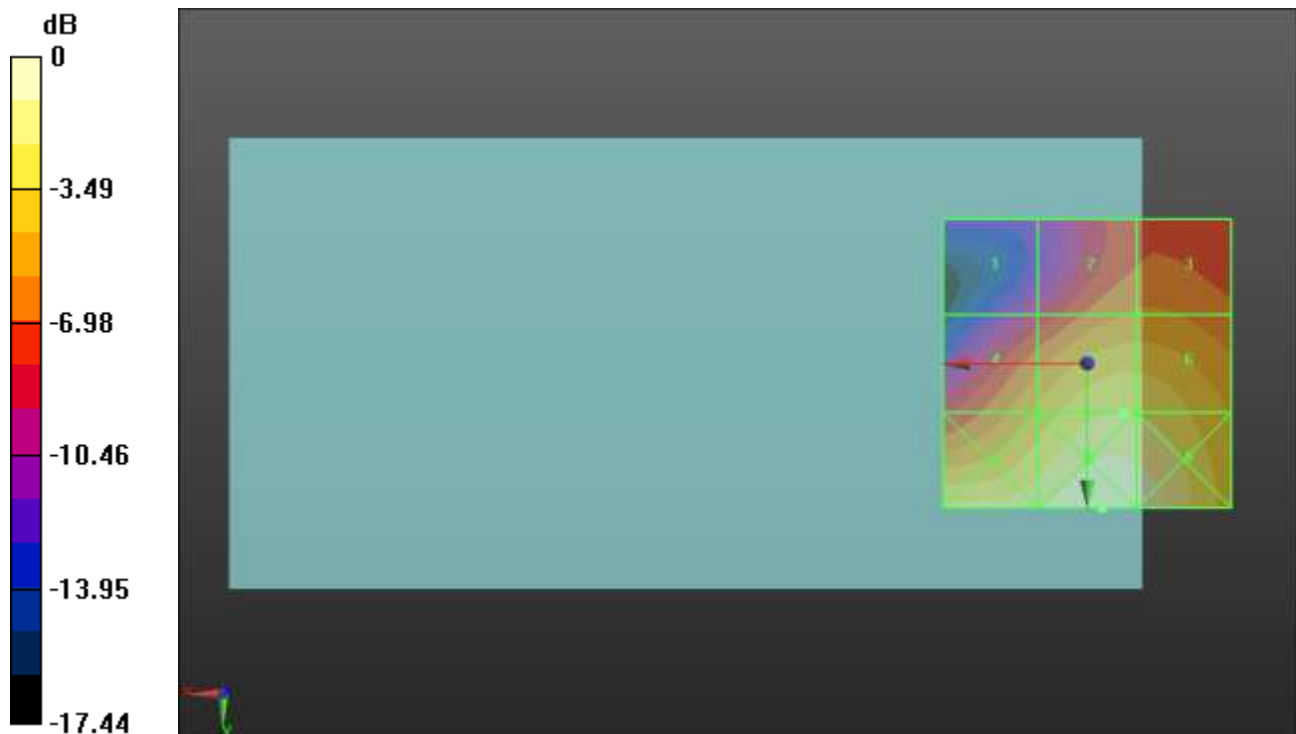
Applied MIF = -1.44 dB

RF audio interference level = 27.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.56 dBV/m	Grid 2 M4 24.13 dBV/m	Grid 3 M4 24.19 dBV/m
Grid 4 M4 25.43 dBV/m	Grid 5 M4 27.45 dBV/m	Grid 6 M4 27.4 dBV/m
Grid 7 M4 28.55 dBV/m	Grid 8 M4 29.75 dBV/m	Grid 9 M4 29.36 dBV/m



0 dB = 30.72 V/m = 29.75 dBV/m

HAC-RF Emission ANT 4

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 = 27.30 V/m; Power Drift = 0.11 dB

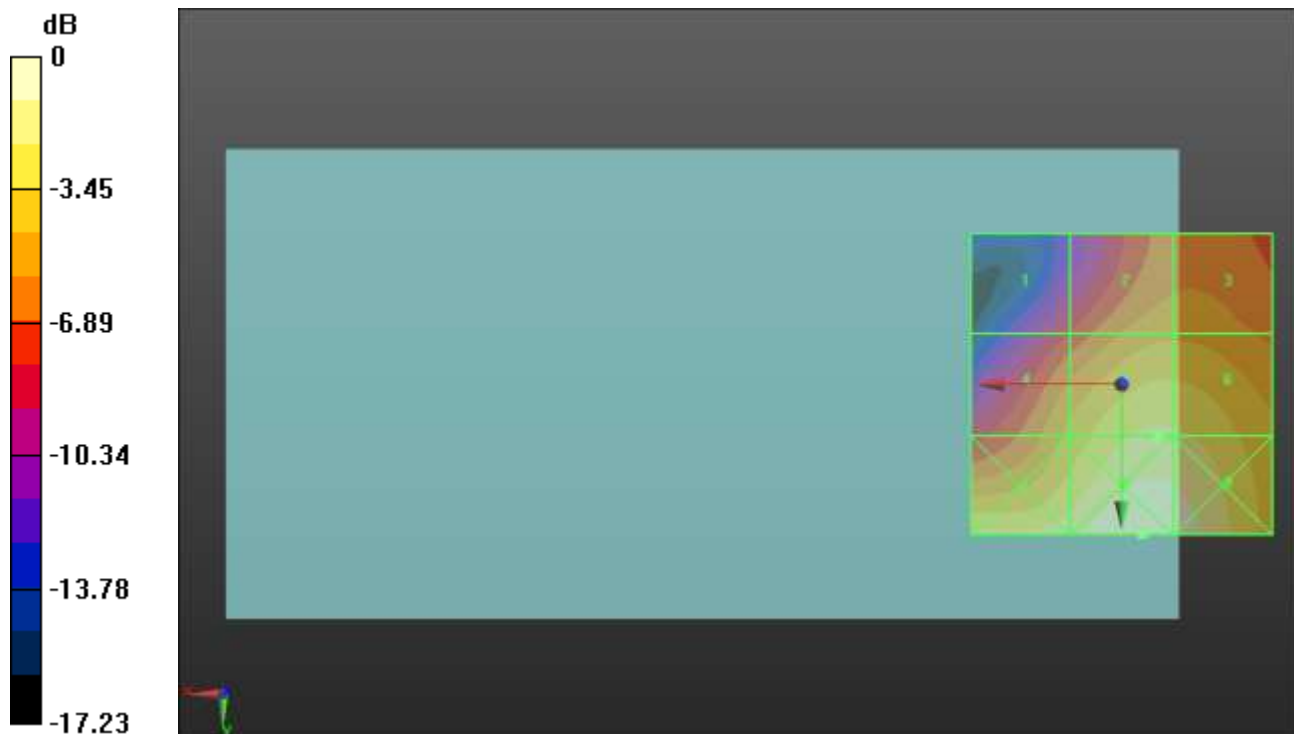
Applied MIF = -1.44 dB

RF audio interference level = 27.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.5 dBV/m	Grid 2 M4 24.58 dBV/m	Grid 3 M4 24.6 dBV/m
Grid 4 M4 25.17 dBV/m	Grid 5 M4 27.35 dBV/m	Grid 6 M4 27.29 dBV/m
Grid 7 M4 28.06 dBV/m	Grid 8 M4 29.4 dBV/m	Grid 9 M4 29.06 dBV/m



0 dB = 29.51 V/m = 29.40 dBV/m

HAC-RF Emission ANT 4

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 = 29.13 V/m; Power Drift = 0.02 dB

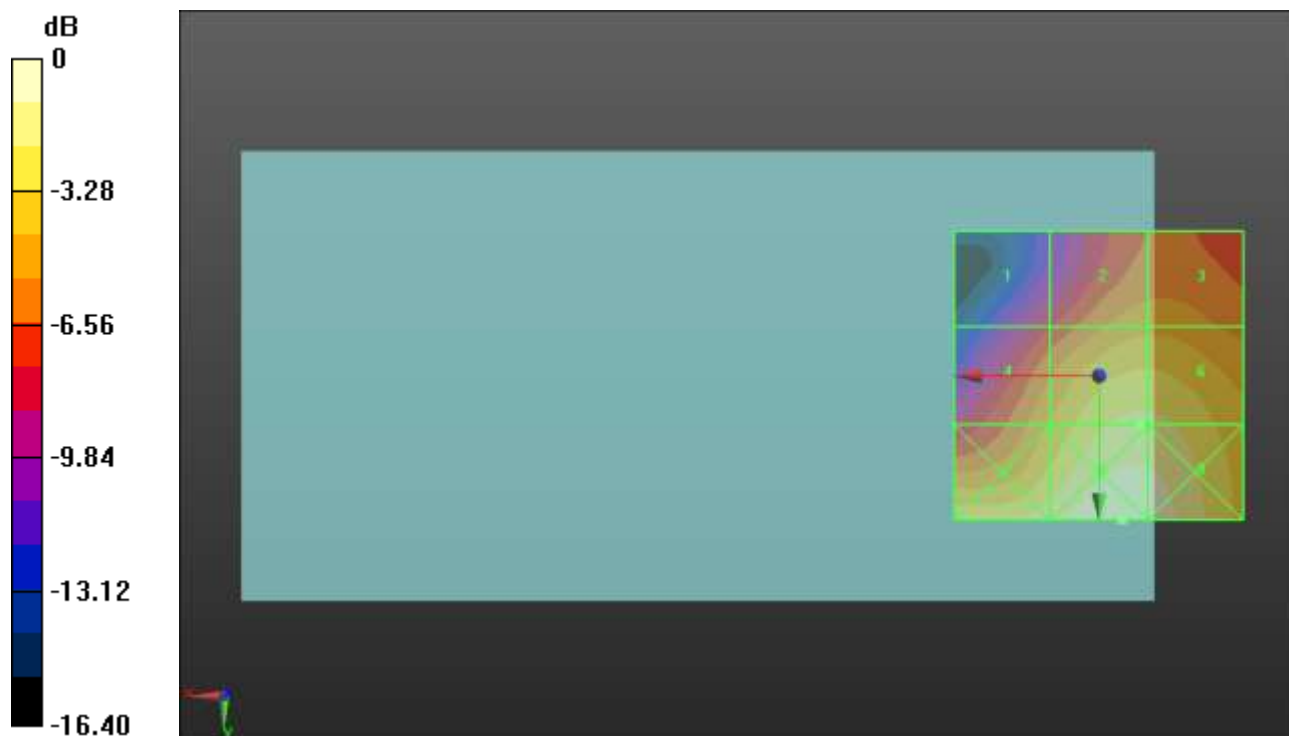
Applied MIF = -1.44 dB

RF audio interference level = 27.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.07 dBV/m	Grid 2 M4 25.13 dBV/m	Grid 3 M4 25.15 dBV/m
Grid 4 M4 25.52 dBV/m	Grid 5 M4 27.91 dBV/m	Grid 6 M4 27.88 dBV/m
Grid 7 M4 28.4 dBV/m	Grid 8 M4 29.78 dBV/m	Grid 9 M4 29.43 dBV/m



0 dB = 30.82 V/m = 29.78 dBV/m

HAC-RF Emission ANT 4

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 = 39.46 V/m; Power Drift = 0.02 dB

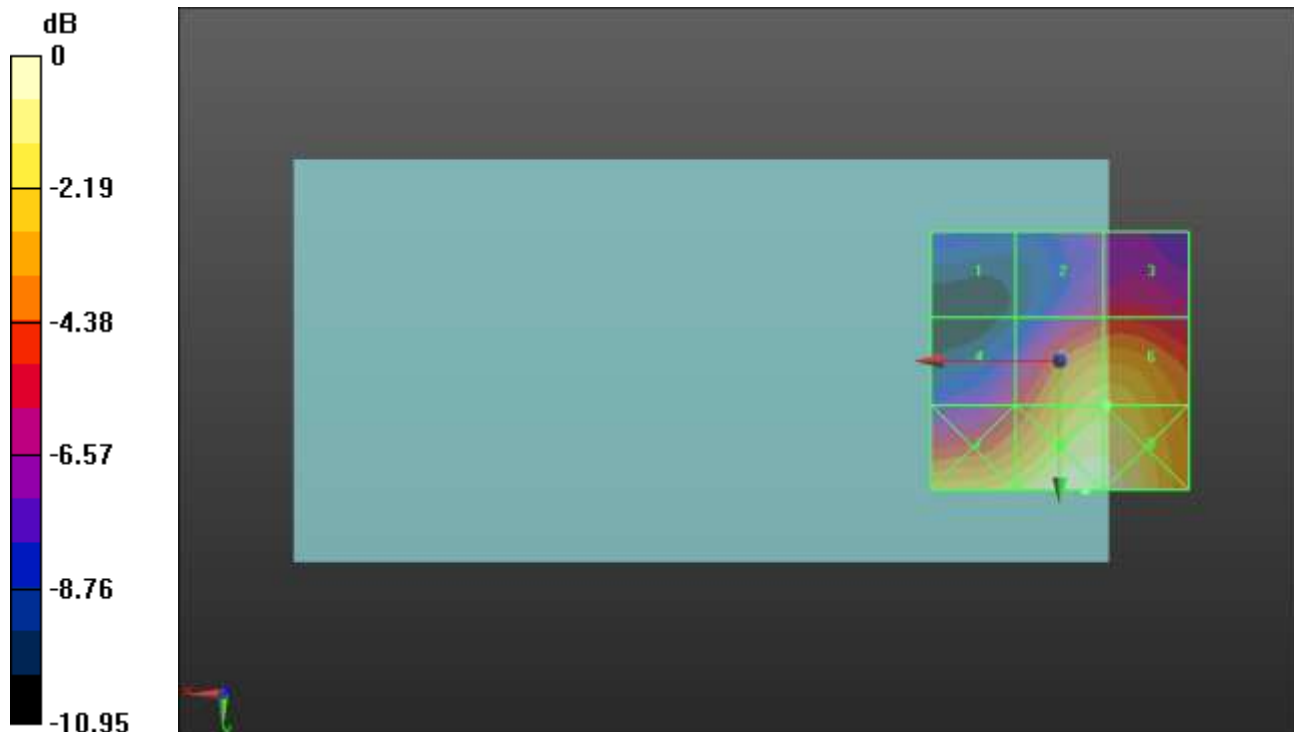
Applied MIF = -2.02 dB

RF audio interference level = 29.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.09 dBV/m	Grid 2 M4 25.37 dBV/m	Grid 3 M4 25.63 dBV/m
Grid 4 M4 25.45 dBV/m	Grid 5 M4 29.05 dBV/m	Grid 6 M4 29.05 dBV/m
Grid 7 M4 29.23 dBV/m	Grid 8 M3 30.78 dBV/m	Grid 9 M3 30.65 dBV/m



0 dB = 34.61 V/m = 30.78 dBV/m

HAC-RF Emission ANT 4

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 = 39.49 V/m; Power Drift = -0.00 dB

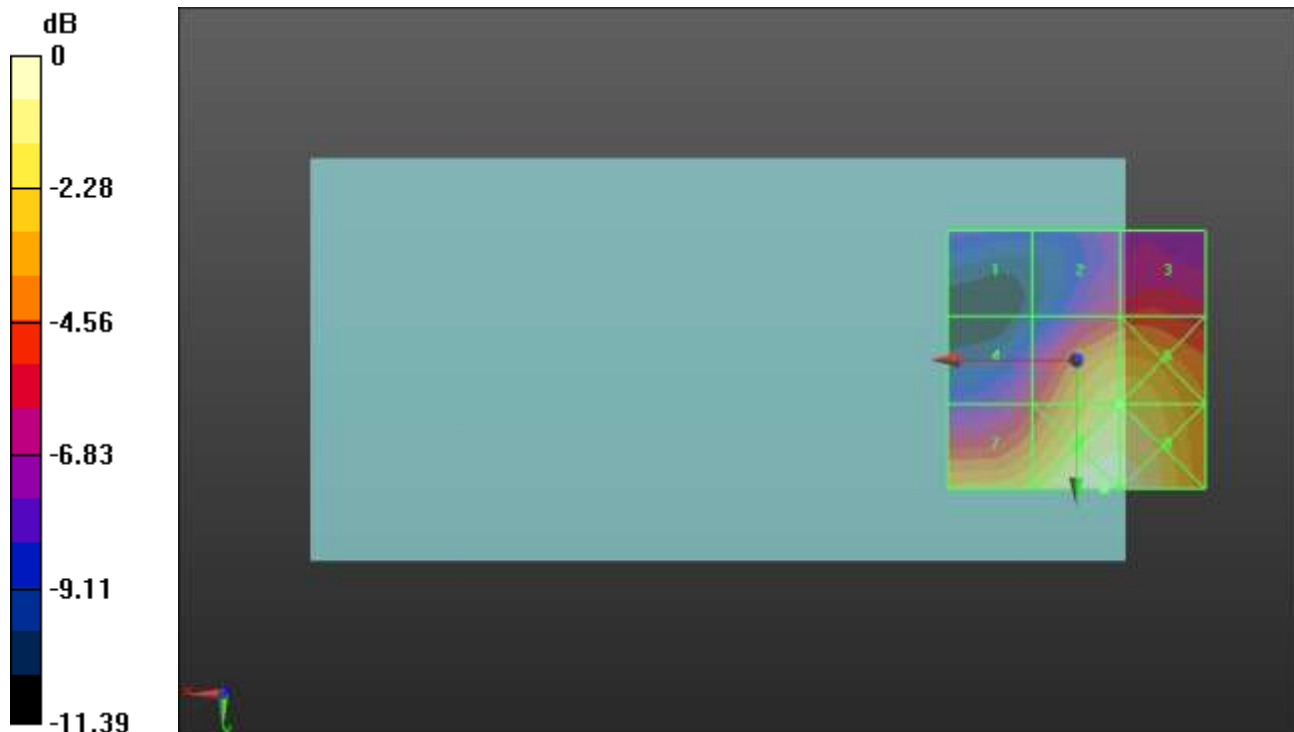
Applied MIF = -2.02 dB

RF audio interference level = 29.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.72 dBV/m	Grid 2 M4 25.4 dBV/m	Grid 3 M4 25.77 dBV/m
Grid 4 M4 25.24 dBV/m	Grid 5 M4 29.11 dBV/m	Grid 6 M4 29.12 dBV/m
Grid 7 M4 28.93 dBV/m	Grid 8 M3 30.74 dBV/m	Grid 9 M3 30.6 dBV/m



0 dB = 34.43 V/m = 30.74 dBV/m

HAC-RF Emission ANT 4

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 = 45.06 V/m; Power Drift = 0.17 dB

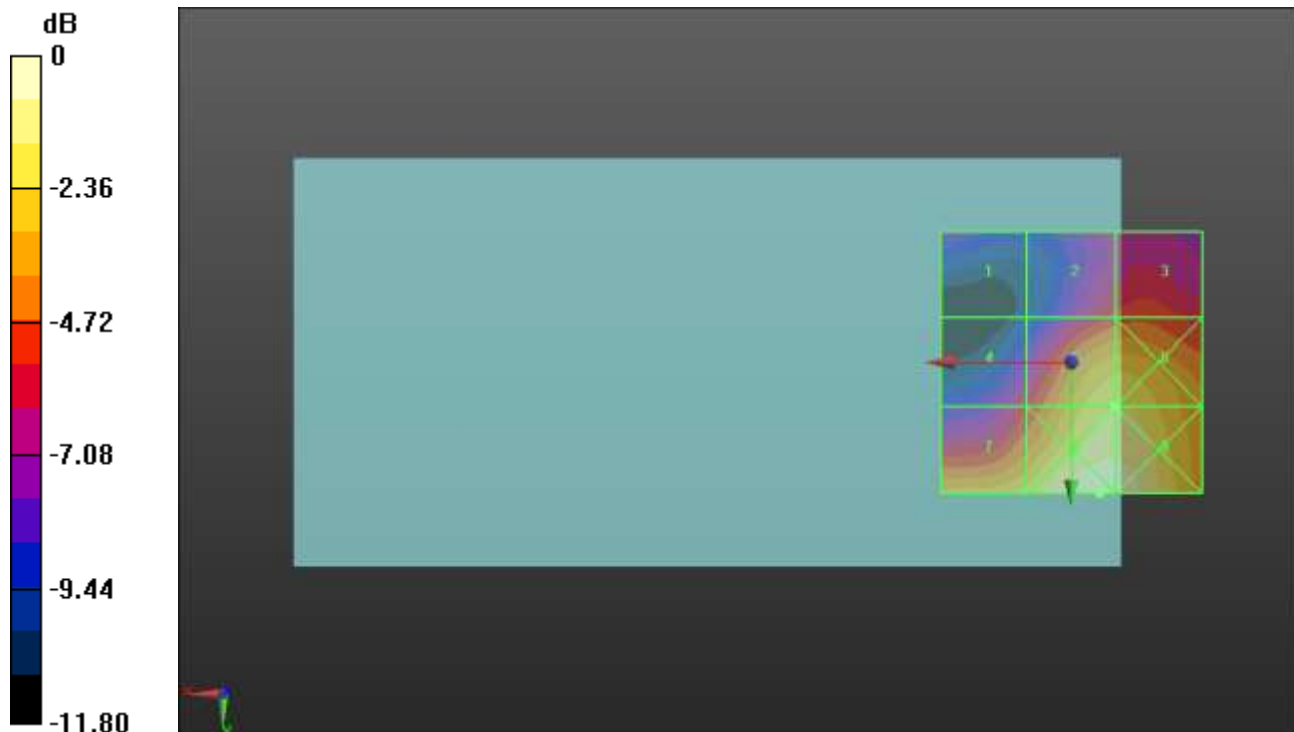
Applied MIF = -2.02 dB

RF audio interference level = 30.20 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 23.98 dBV/m	Grid 2 M4 26.57 dBV/m	Grid 3 M4 26.89 dBV/m
Grid 4 M4 26.11 dBV/m	Grid 5 M3 30.2 dBV/m	Grid 6 M3 30.22 dBV/m
Grid 7 M4 29.8 dBV/m	Grid 8 M3 31.76 dBV/m	Grid 9 M3 31.59 dBV/m



0 dB = 38.71 V/m = 31.76 dBV/m

HAC-RF Emission ANT 4

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)

802.11b 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 = 39.70 V/m; Power Drift = -0.12 dB

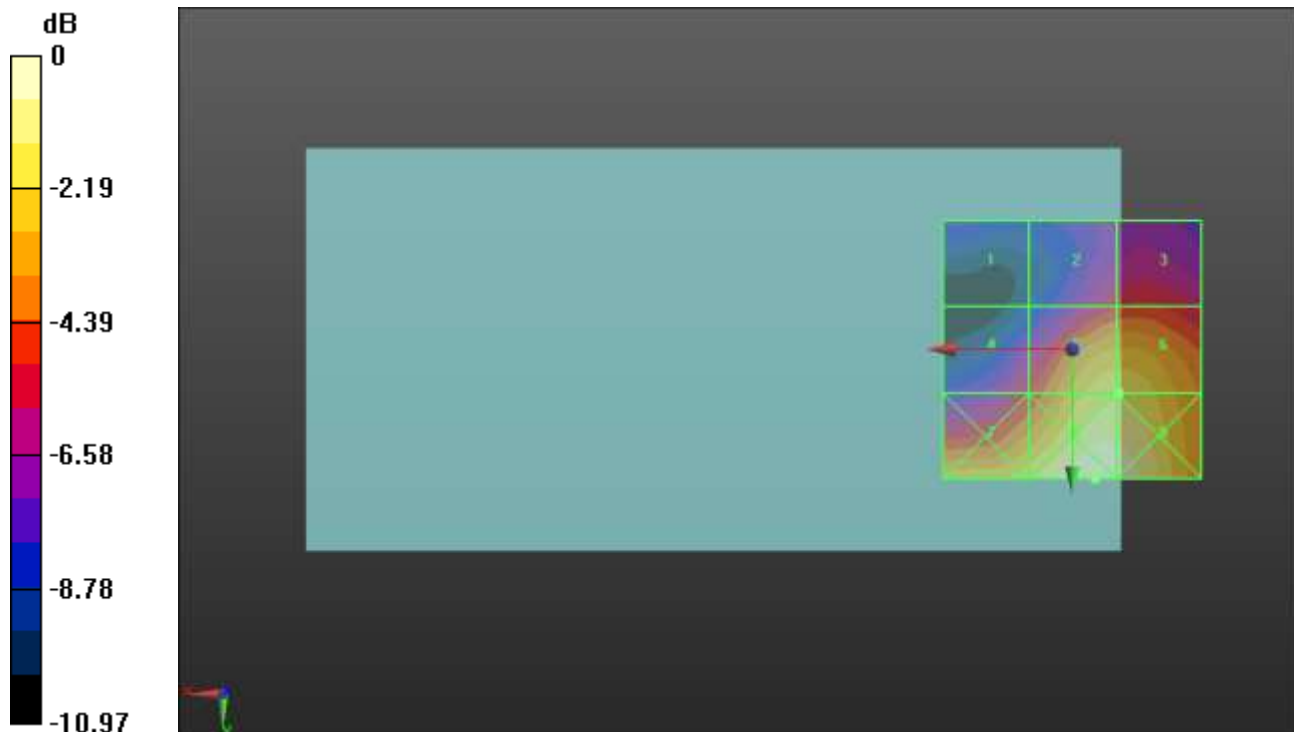
Applied MIF = 0.12 dB

RF audio interference level = 31.22 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 25.12 dBV/m	Grid 2 M4 27.61 dBV/m	Grid 3 M4 27.88 dBV/m
Grid 4 M4 27.67 dBV/m	Grid 5 M3 31.22 dBV/m	Grid 6 M3 31.22 dBV/m
Grid 7 M3 31.27 dBV/m	Grid 8 M3 32.83 dBV/m	Grid 9 M3 32.69 dBV/m



0 dB = 43.79 V/m = 32.83 dBV/m

HAC-RF Emission ANT 4

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)

802.11b 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 = 37.09 V/m; Power Drift = 0.24 dB

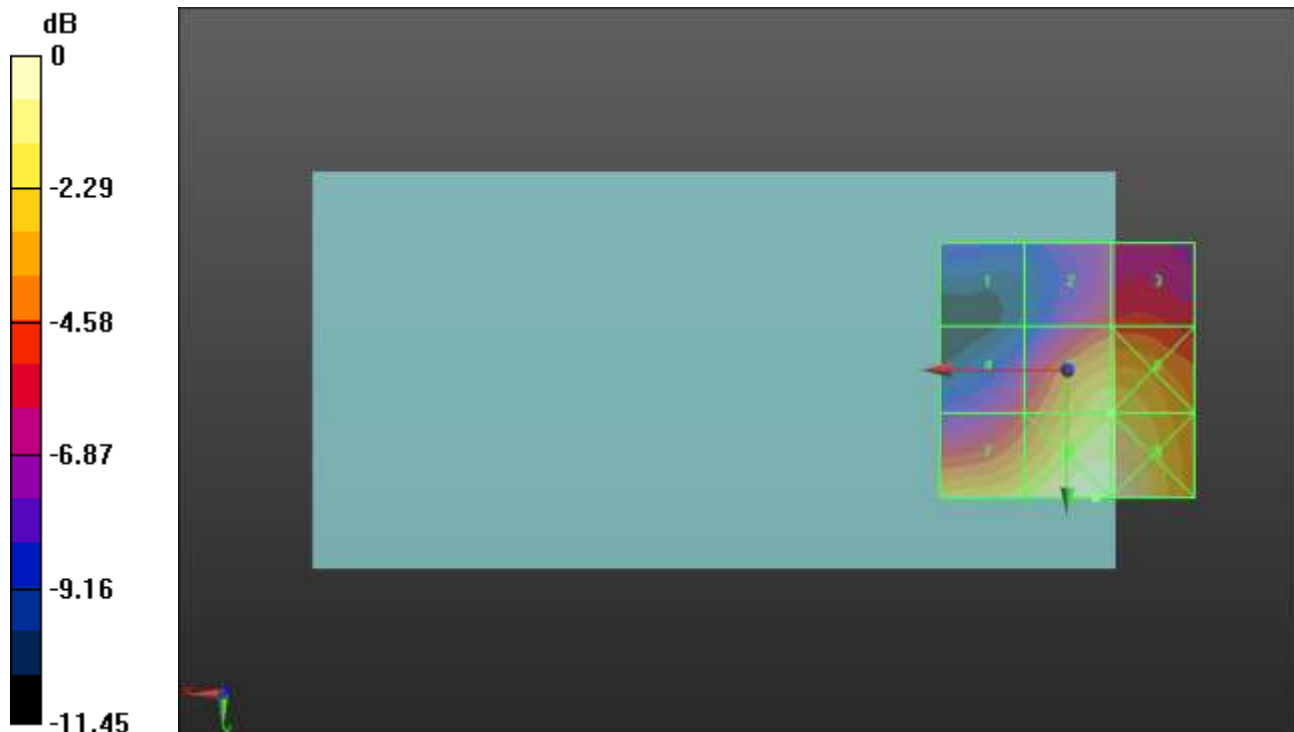
Applied MIF = 0.12 dB

RF audio interference level = 30.76 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 24.4 dBV/m	Grid 2 M4 27.29 dBV/m	Grid 3 M4 27.58 dBV/m
Grid 4 M4 27.18 dBV/m	Grid 5 M3 30.76 dBV/m	Grid 6 M3 30.77 dBV/m
Grid 7 M3 30.74 dBV/m	Grid 8 M3 32.4 dBV/m	Grid 9 M3 32.29 dBV/m



0 dB = 41.69 V/m = 32.40 dBV/m

HAC-RF Emission ANT 4

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)

802.11b 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 = 40.53 V/m; Power Drift = -0.03 dB

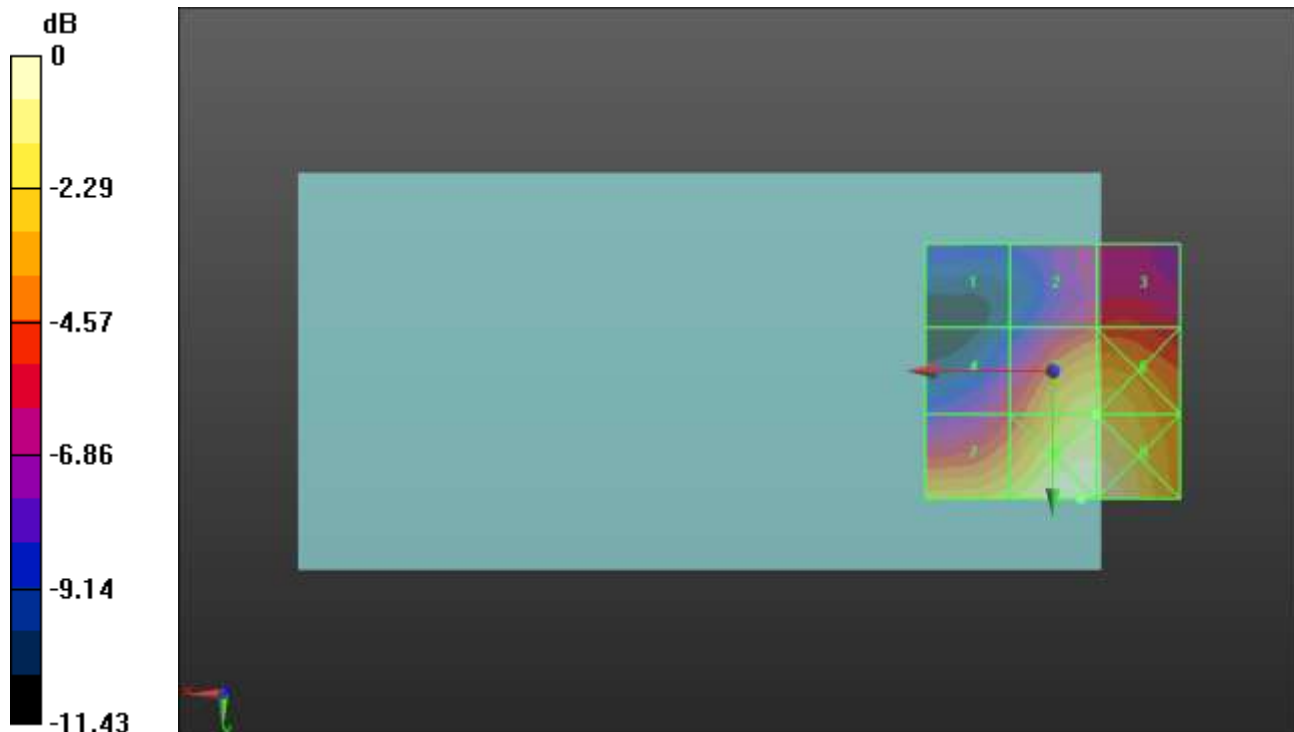
Applied MIF = 0.12 dB

RF audio interference level = 31.50 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 24.99 dBV/m	Grid 2 M4 27.8 dBV/m	Grid 3 M4 28.1 dBV/m
Grid 4 M4 27.7 dBV/m	Grid 5 M3 31.5 dBV/m	Grid 6 M3 31.5 dBV/m
Grid 7 M3 31.42 dBV/m	Grid 8 M3 33.07 dBV/m	Grid 9 M3 32.96 dBV/m



0 dB = 45.04 V/m = 33.07 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 (5-6 GHz); 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 = 5.258 V/m; Power Drift = -0.13 dB

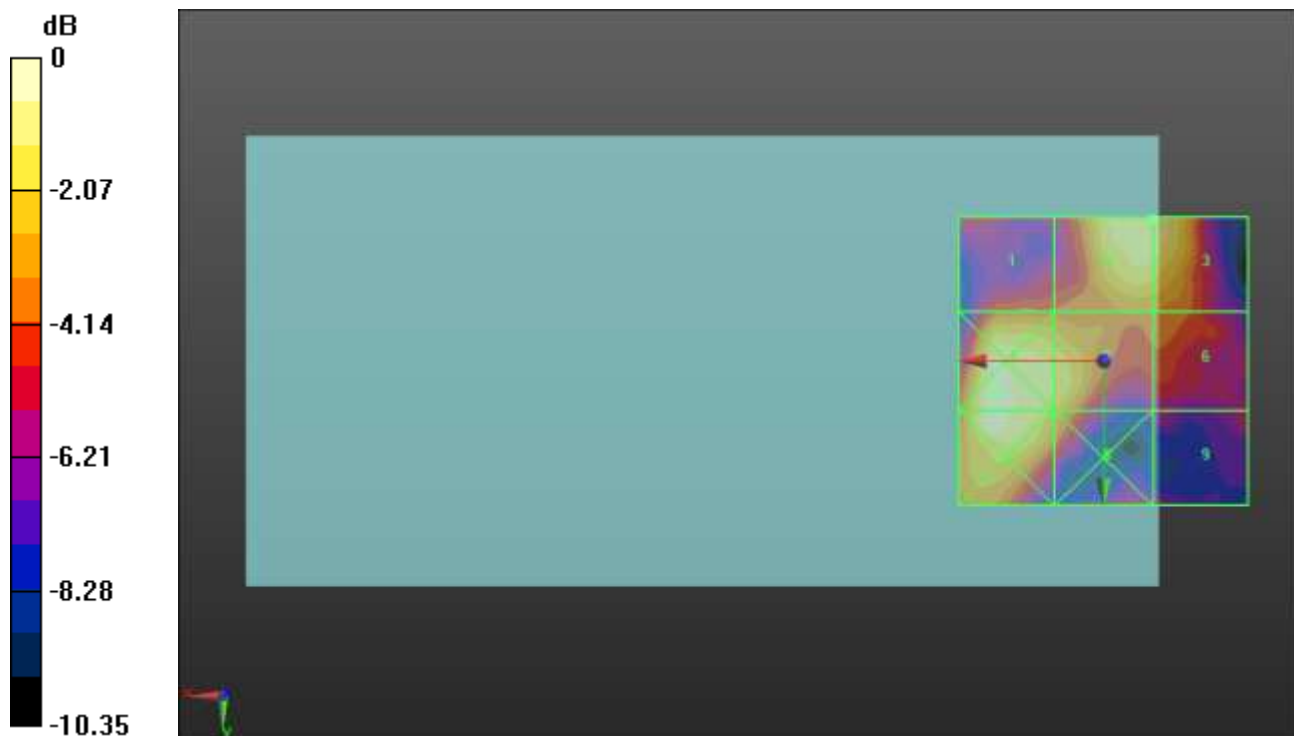
Applied MIF = -3.15 dB

RF audio interference level = 14.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.15 dBV/m	Grid 2 M4 14.21 dBV/m	Grid 3 M4 14.21 dBV/m
Grid 4 M4 14.97 dBV/m	Grid 5 M4 13.64 dBV/m	Grid 6 M4 11.55 dBV/m
Grid 7 M4 14.95 dBV/m	Grid 8 M4 12.81 dBV/m	Grid 9 M4 9.76 dBV/m



0 dB = 5.602 V/m = 14.97 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 (5-6 GHz); 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 = 4.610 V/m; Power Drift = -0.19 dB

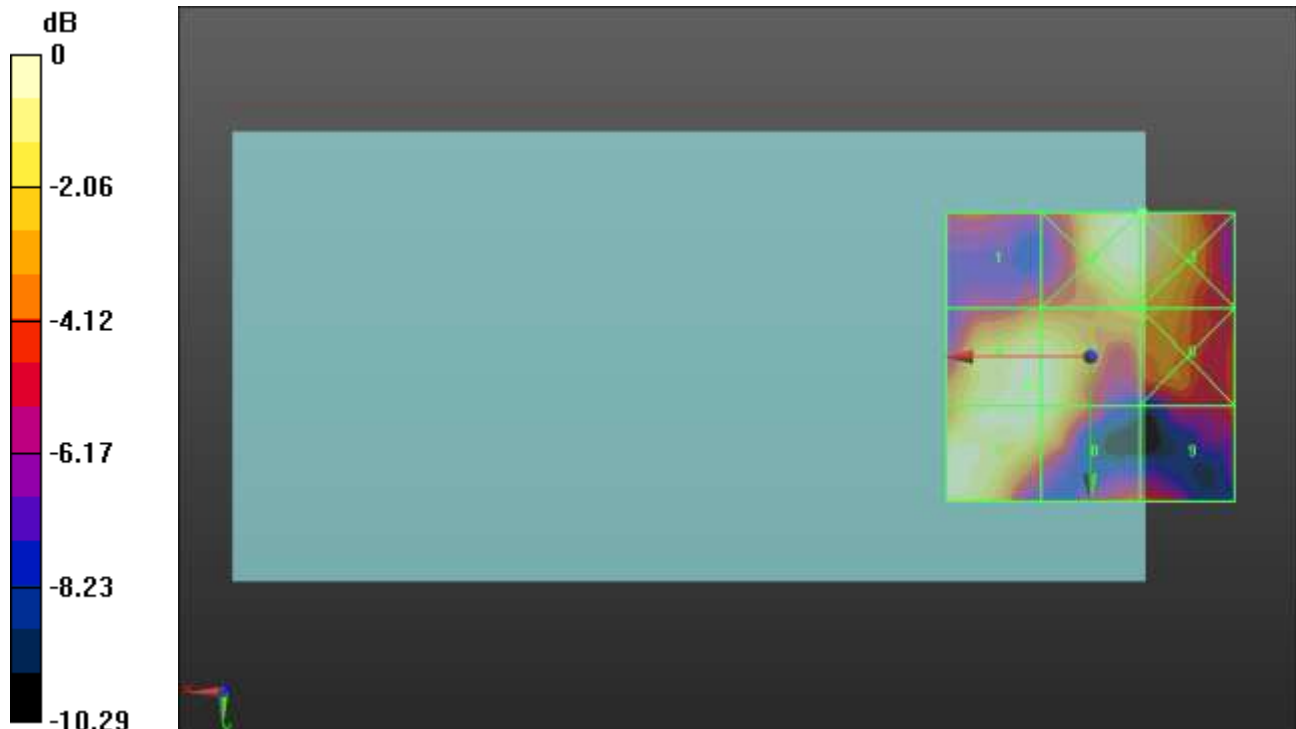
Applied MIF = -3.15 dB

RF audio interference level = 13.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 9.63 dBV/m	Grid 2 M4 13.54 dBV/m	Grid 3 M4 13.56 dBV/m
Grid 4 M4 13.54 dBV/m	Grid 5 M4 13.3 dBV/m	Grid 6 M4 11.17 dBV/m
Grid 7 M4 13.42 dBV/m	Grid 8 M4 13.08 dBV/m	Grid 9 M4 9.48 dBV/m



0 dB = 4.764 V/m = 13.56 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 (5-6 GHz); 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 = 4.221 V/m; Power Drift = 0.05 dB

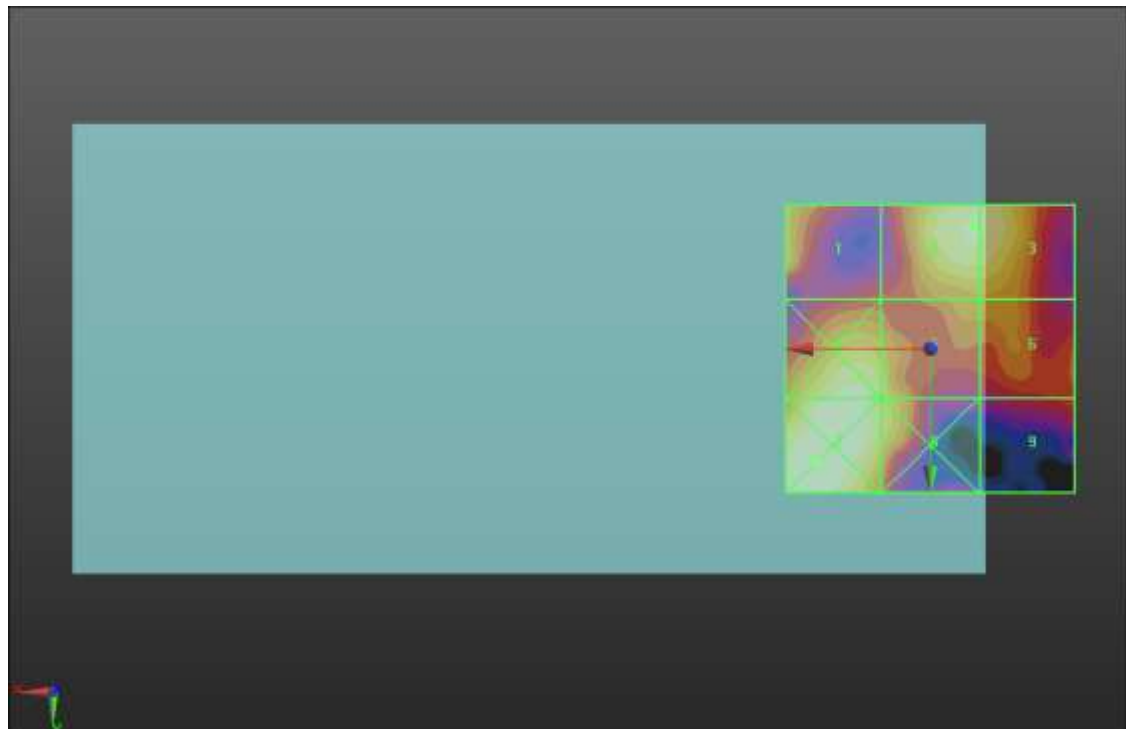
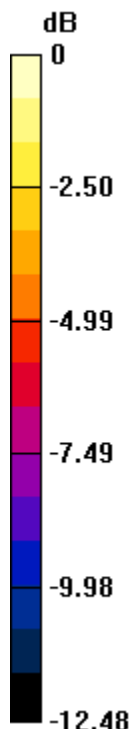
Applied MIF = -3.15 dB

RF audio interference level = 13.81 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.09 dBV/m	Grid 2 M4 13.81 dBV/m	Grid 3 M4 13.78 dBV/m
Grid 4 M4 13.99 dBV/m	Grid 5 M4 12.82 dBV/m	Grid 6 M4 11.05 dBV/m
Grid 7 M4 14.51 dBV/m	Grid 8 M4 12.99 dBV/m	Grid 9 M4 9.5 dBV/m



0 dB = 5.314 V/m = 14.51 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 (5-6 GHz); 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 = 4.112 V/m; Power Drift = 0.09 dB

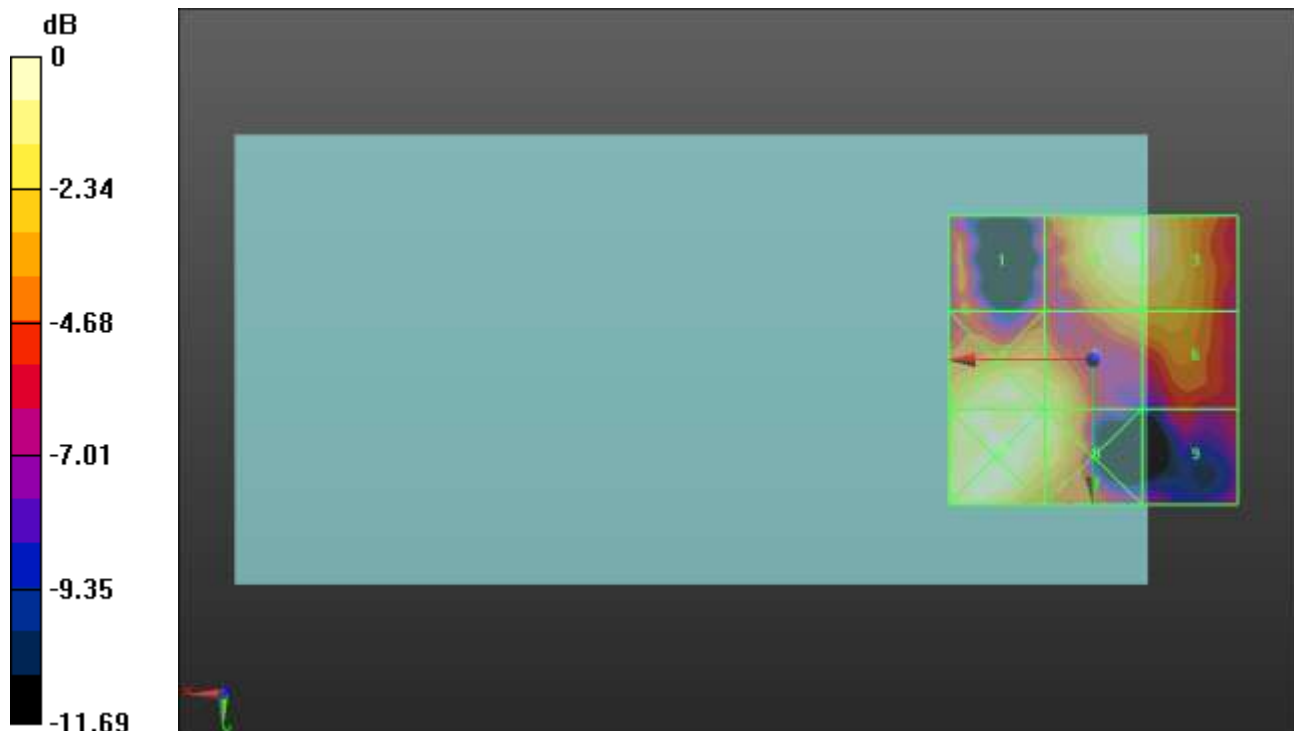
Applied MIF = -3.15 dB

RF audio interference level = 13.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.35 dBV/m	Grid 2 M4 13.41 dBV/m	Grid 3 M4 13.39 dBV/m
Grid 4 M4 13.06 dBV/m	Grid 5 M4 12.52 dBV/m	Grid 6 M4 11.19 dBV/m
Grid 7 M4 13.63 dBV/m	Grid 8 M4 12.66 dBV/m	Grid 9 M4 8.38 dBV/m



0 dB = 4.801 V/m = 13.63 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 (5-6 GHz); 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 = 3.849 V/m; Power Drift = -1.31 dB

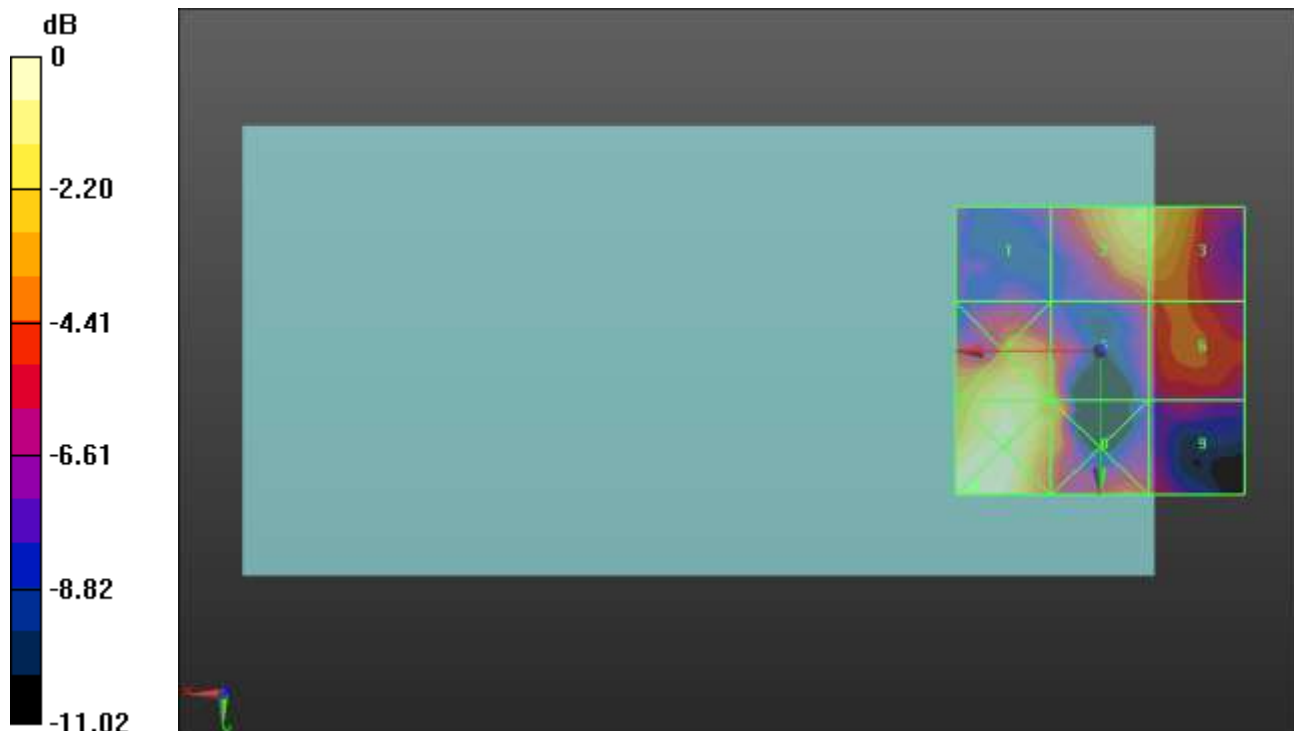
Applied MIF = -3.15 dB

RF audio interference level = 13.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.21 dBV/m	Grid 2 M4 13.24 dBV/m	Grid 3 M4 13.14 dBV/m
Grid 4 M4 13.91 dBV/m	Grid 5 M4 11.61 dBV/m	Grid 6 M4 10.86 dBV/m
Grid 7 M4 14.82 dBV/m	Grid 8 M4 11.97 dBV/m	Grid 9 M4 9.86 dBV/m



0 dB = 5.505 V/m = 14.82 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 (5-6 GHz); 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 = 3.538 V/m; Power Drift = 1.53 dB

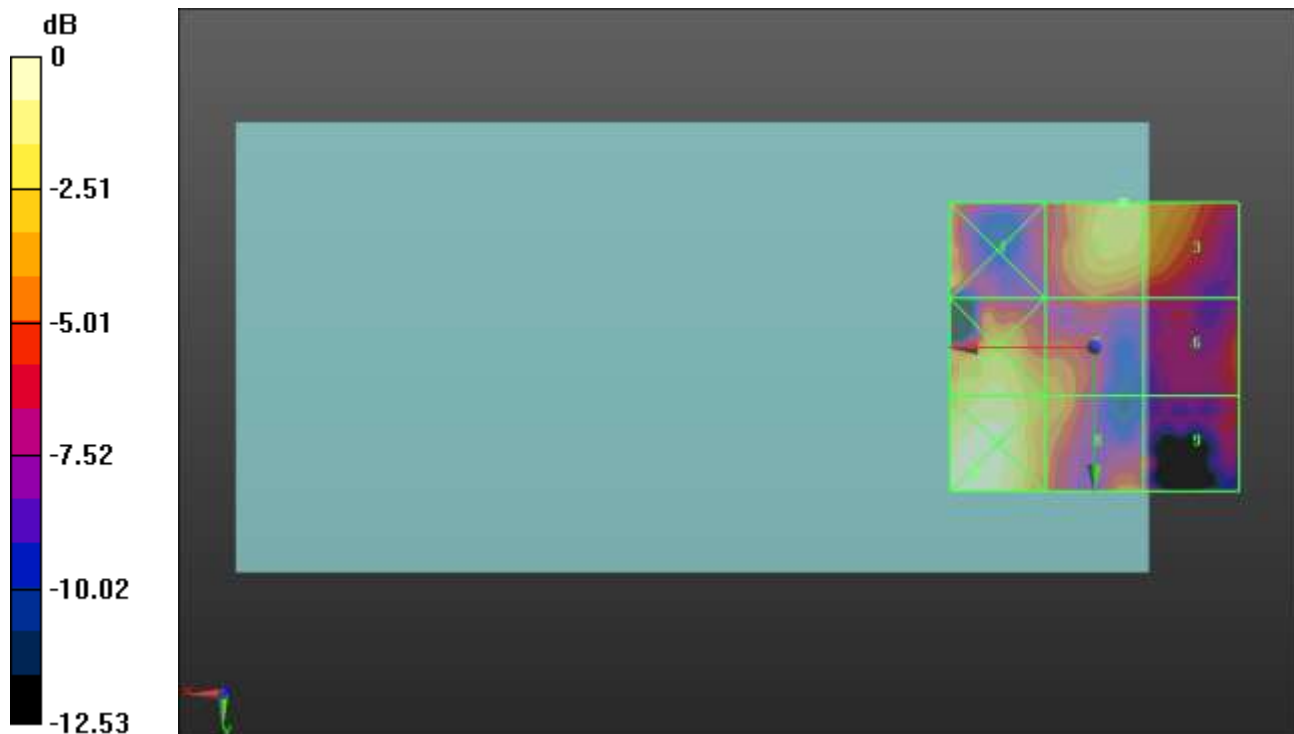
Applied MIF = -3.15 dB

RF audio interference level = 13.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.86 dBV/m	Grid 2 M4 13.55 dBV/m	Grid 3 M4 12.77 dBV/m
Grid 4 M4 13.7 dBV/m	Grid 5 M4 11.7 dBV/m	Grid 6 M4 10.36 dBV/m
Grid 7 M4 15.18 dBV/m	Grid 8 M4 11.73 dBV/m	Grid 9 M4 10.87 dBV/m



0 dB = 5.738 V/m = 15.18 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 (5-6 GHz); 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 = 4.306 V/m; Power Drift = -1.02 dB

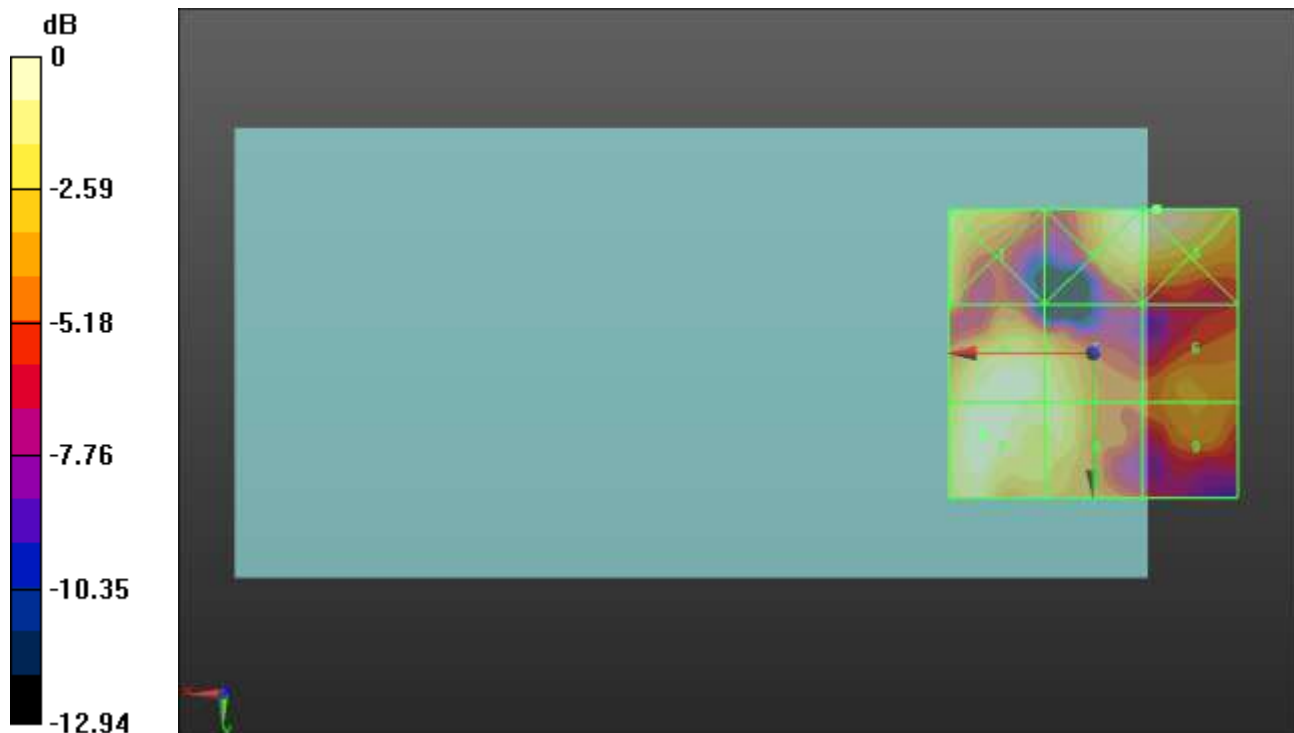
Applied MIF = -3.15 dB

RF audio interference level = 13.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.7 dBV/m	Grid 2 M4 13.48 dBV/m	Grid 3 M4 13.6 dBV/m
Grid 4 M4 13.33 dBV/m	Grid 5 M4 12.56 dBV/m	Grid 6 M4 10.39 dBV/m
Grid 7 M4 13.37 dBV/m	Grid 8 M4 12.29 dBV/m	Grid 9 M4 10.31 dBV/m



0 dB = 4.786 V/m = 13.60 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 (5-6 GHz); 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 = 4.246 V/m; Power Drift = -1.28 dB

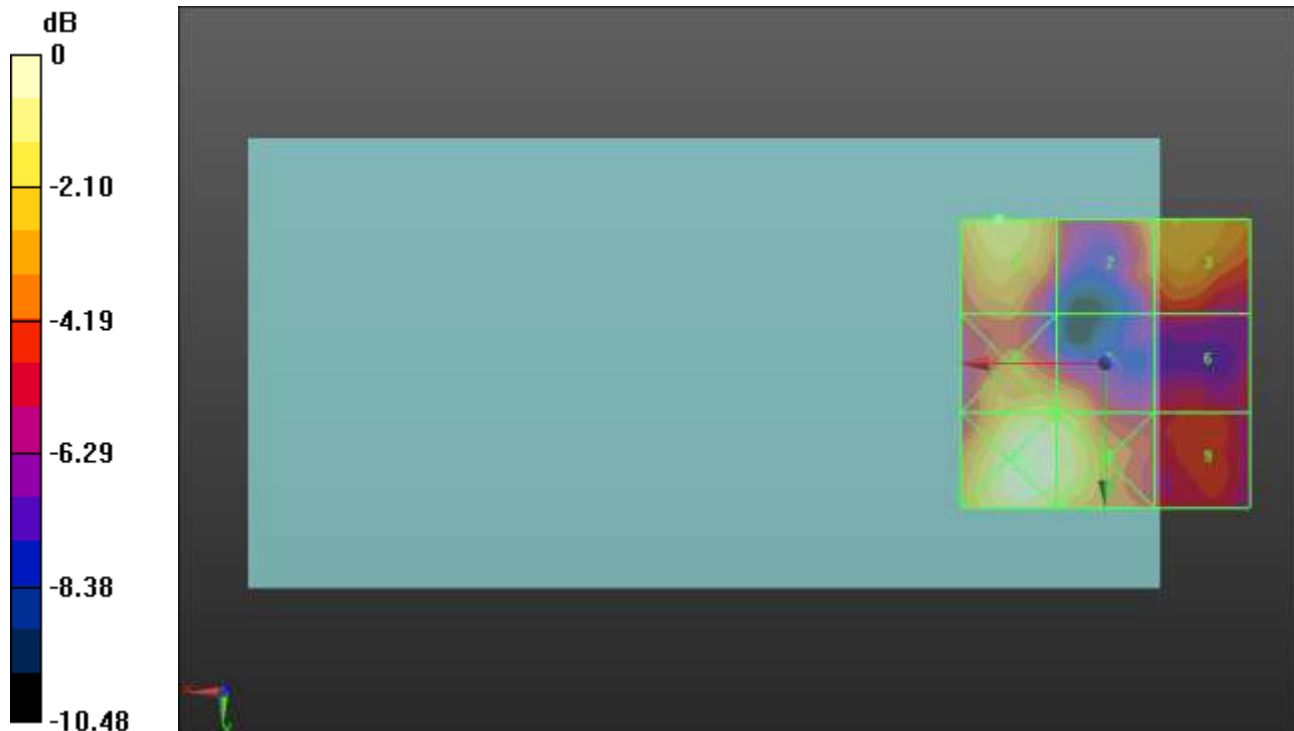
Applied MIF = -3.15 dB

RF audio interference level = 14.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.05 dBV/m	Grid 2 M4 12.73 dBV/m	Grid 3 M4 13.35 dBV/m
Grid 4 M4 13.7 dBV/m	Grid 5 M4 13.5 dBV/m	Grid 6 M4 10.63 dBV/m
Grid 7 M4 15.35 dBV/m	Grid 8 M4 14.8 dBV/m	Grid 9 M4 11.14 dBV/m



0 dB = 5.858 V/m = 15.35 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 (5-6 GHz); 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 = 4.062 V/m; Power Drift = -1.53 dB

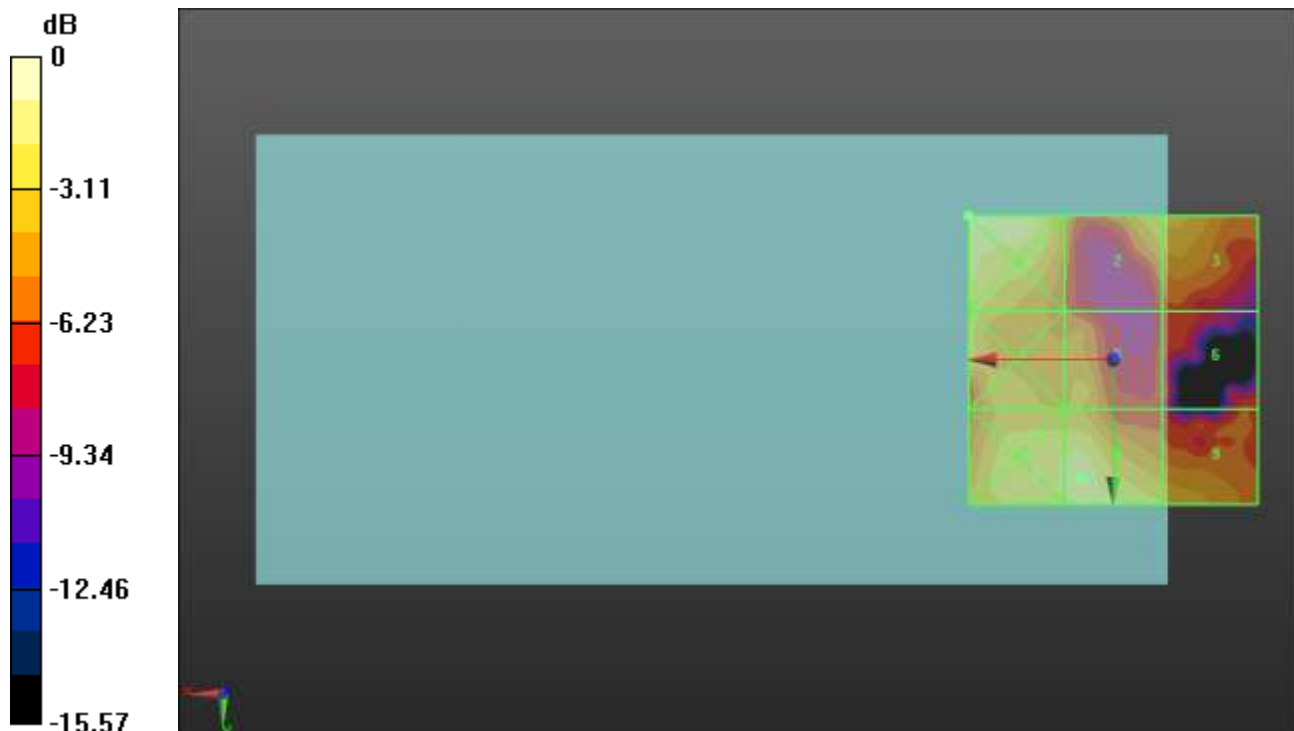
Applied MIF = -3.15 dB

RF audio interference level = 13.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.17 dBV/m	Grid 2 M4 12.28 dBV/m	Grid 3 M4 12.43 dBV/m
Grid 4 M4 12.87 dBV/m	Grid 5 M4 11.43 dBV/m	Grid 6 M4 9.11 dBV/m
Grid 7 M4 13.21 dBV/m	Grid 8 M4 13.56 dBV/m	Grid 9 M4 12.19 dBV/m



0 dB = 5.732 V/m = 15.17 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 (5-6 GHz); 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 = 3.243 V/m; Power Drift = 1.09 dB

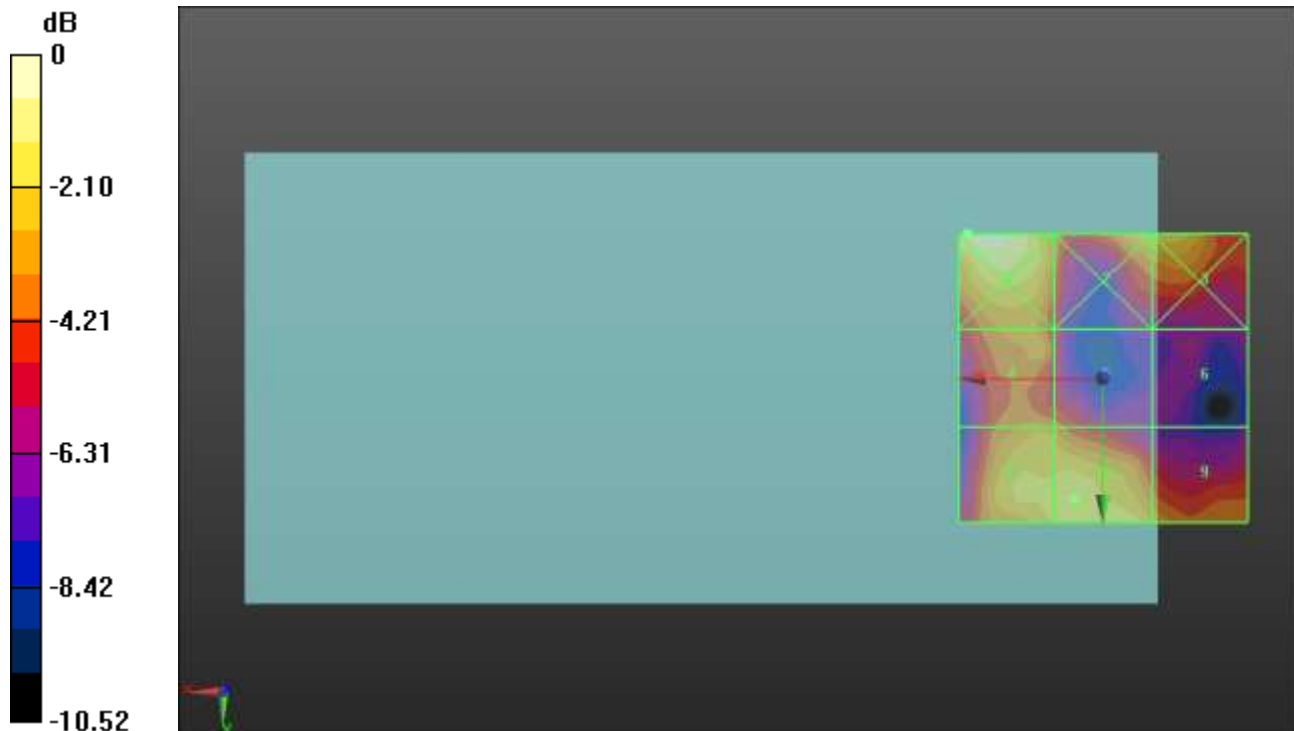
Applied MIF = -3.15 dB

RF audio interference level = 12.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.43 dBV/m	Grid 2 M4 12.79 dBV/m	Grid 3 M4 12.87 dBV/m
Grid 4 M4 11.41 dBV/m	Grid 5 M4 10.92 dBV/m	Grid 6 M4 8.33 dBV/m
Grid 7 M4 12.59 dBV/m	Grid 8 M4 12.9 dBV/m	Grid 9 M4 11.66 dBV/m



0 dB = 5.264 V/m = 14.43 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 (5-6 GHz); 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 = 4.187 V/m; Power Drift = -1.06 dB

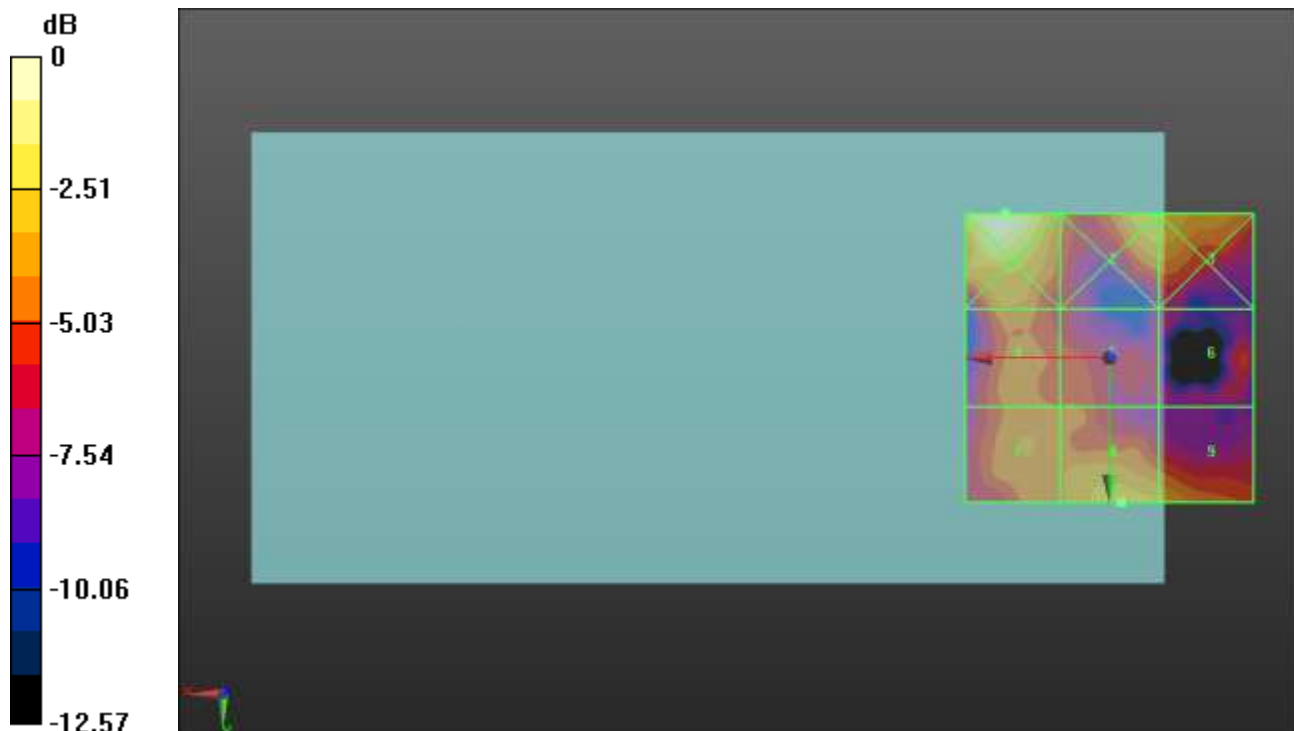
Applied MIF = -3.15 dB

RF audio interference level = 11.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.76 dBV/m	Grid 2 M4 12.42 dBV/m	Grid 3 M4 12.39 dBV/m
Grid 4 M4 10.51 dBV/m	Grid 5 M4 9.84 dBV/m	Grid 6 M4 9.19 dBV/m
Grid 7 M4 10.67 dBV/m	Grid 8 M4 11.92 dBV/m	Grid 9 M4 11.7 dBV/m



0 dB = 5.470 V/m = 14.76 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 (5-6 GHz); 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 = 3.070 V/m; Power Drift = 0.31 dB

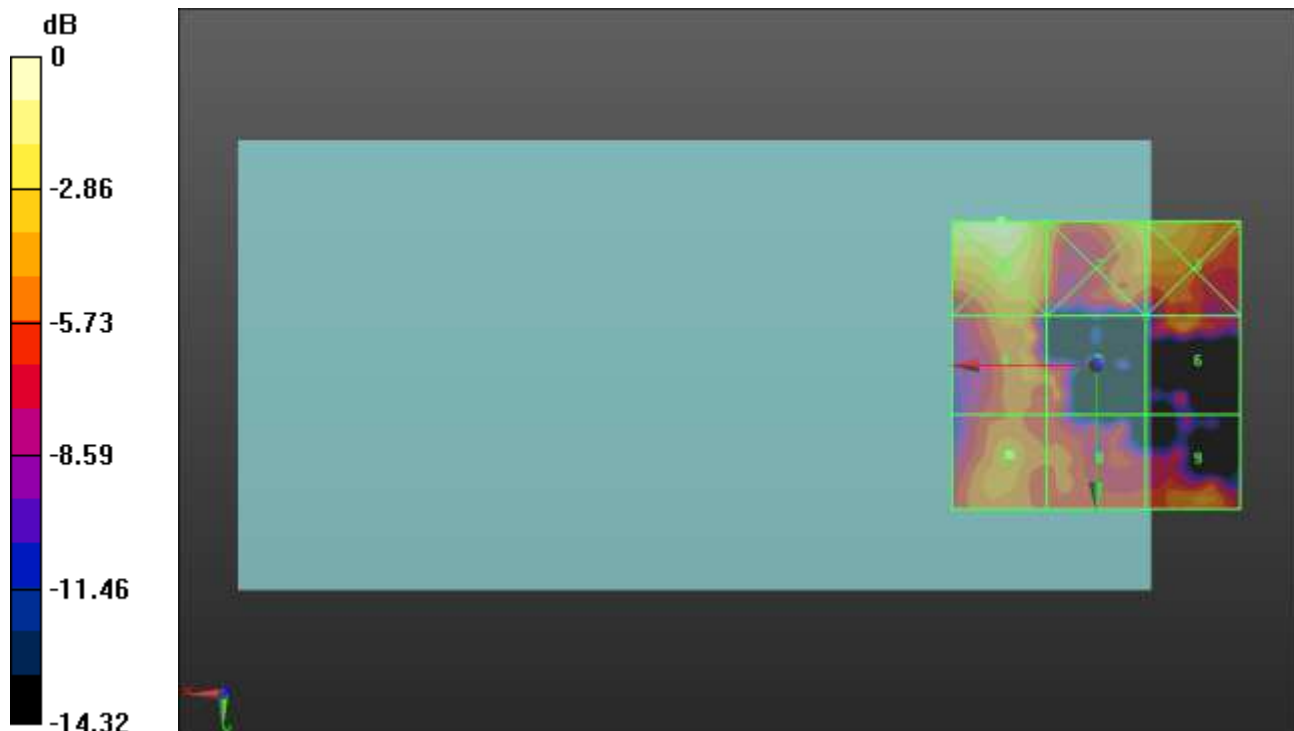
Applied MIF = -3.15 dB

RF audio interference level = 10.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.9 dBV/m	Grid 2 M4 12.15 dBV/m	Grid 3 M4 12.4 dBV/m
Grid 4 M4 10.6 dBV/m	Grid 5 M4 9.67 dBV/m	Grid 6 M4 10.84 dBV/m
Grid 7 M4 10.93 dBV/m	Grid 8 M4 9.53 dBV/m	Grid 9 M4 10.54 dBV/m



0 dB = 5.561 V/m = 14.90 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 28.94 V/m; Power Drift = 0.02 dB

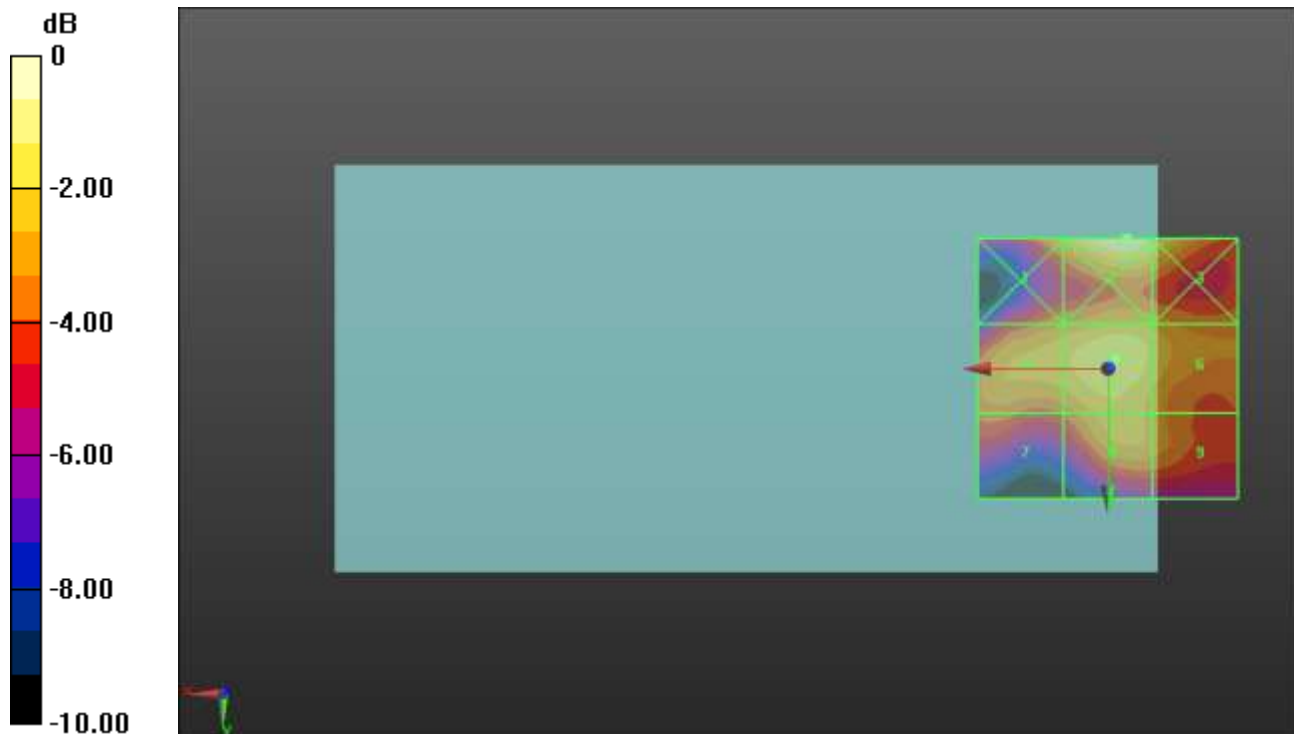
Applied MIF = -3.15 dB

RF audio interference level = 23.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.99 dBV/m	Grid 2 M4 24.99 dBV/m	Grid 3 M4 24.35 dBV/m
Grid 4 M4 22.89 dBV/m	Grid 5 M4 23.56 dBV/m	Grid 6 M4 22.88 dBV/m
Grid 7 M4 21.41 dBV/m	Grid 8 M4 22.87 dBV/m	Grid 9 M4 22.16 dBV/m



0 dB = 17.76 V/m = 24.99 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 28.13 V/m; Power Drift = 0.06 dB

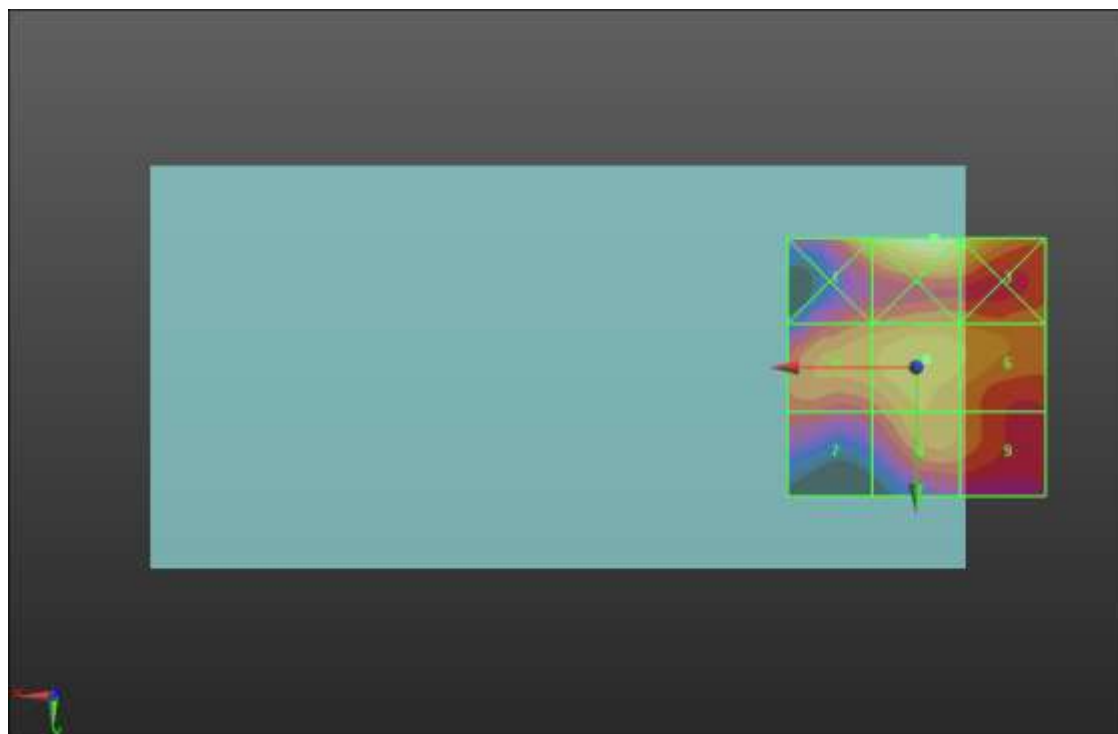
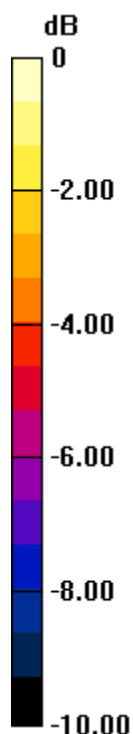
Applied MIF = -3.15 dB

RF audio interference level = 23.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.41 dBV/m	Grid 2 M4 25.27 dBV/m	Grid 3 M4 24.63 dBV/m
Grid 4 M4 22.55 dBV/m	Grid 5 M4 23.22 dBV/m	Grid 6 M4 22.77 dBV/m
Grid 7 M4 20.82 dBV/m	Grid 8 M4 22.65 dBV/m	Grid 9 M4 21.89 dBV/m



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

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 28.62 V/m; Power Drift = -0.06 dB

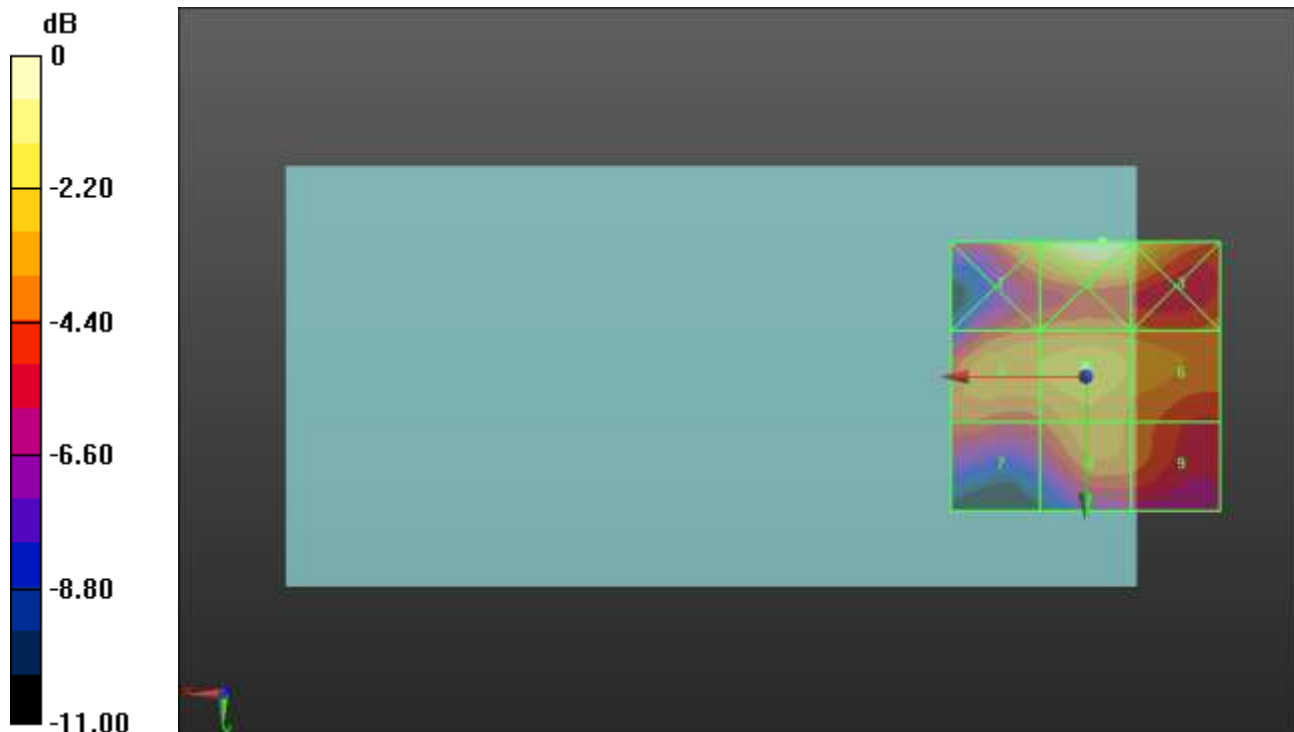
Applied MIF = -3.15 dB

RF audio interference level = 23.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.95 dBV/m	Grid 2 M4 25.57 dBV/m	Grid 3 M4 24.83 dBV/m
Grid 4 M4 22.67 dBV/m	Grid 5 M4 23.03 dBV/m	Grid 6 M4 22.58 dBV/m
Grid 7 M4 21.09 dBV/m	Grid 8 M4 22.47 dBV/m	Grid 9 M4 21.73 dBV/m



0 dB = 18.98 V/m = 25.57 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 27.70 V/m; Power Drift = 0.02 dB

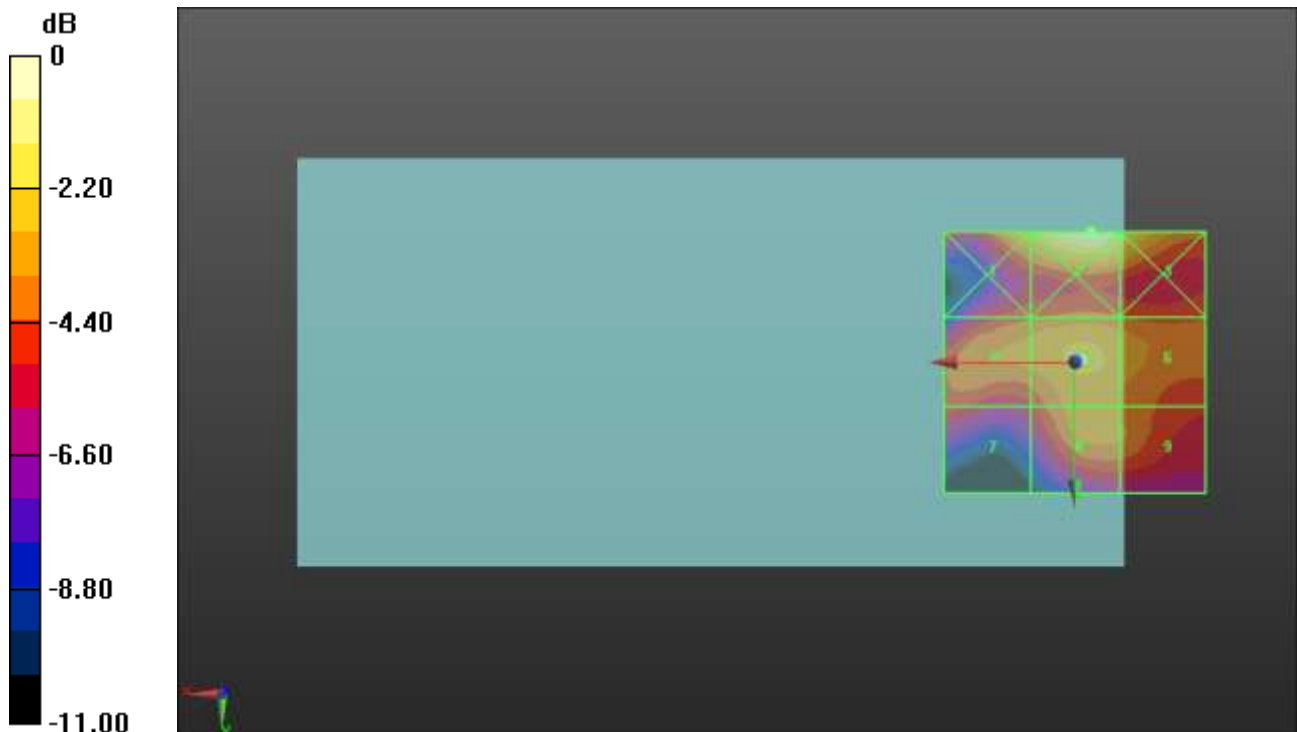
Applied MIF = -3.15 dB

RF audio interference level = 22.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.73 dBV/m	Grid 2 M4 25.52 dBV/m	Grid 3 M4 24.76 dBV/m
Grid 4 M4 22.12 dBV/m	Grid 5 M4 22.76 dBV/m	Grid 6 M4 22.31 dBV/m
Grid 7 M4 20.61 dBV/m	Grid 8 M4 22.35 dBV/m	Grid 9 M4 22 dBV/m



0 dB = 18.89 V/m = 25.52 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 26.51 V/m; Power Drift = -0.05 dB

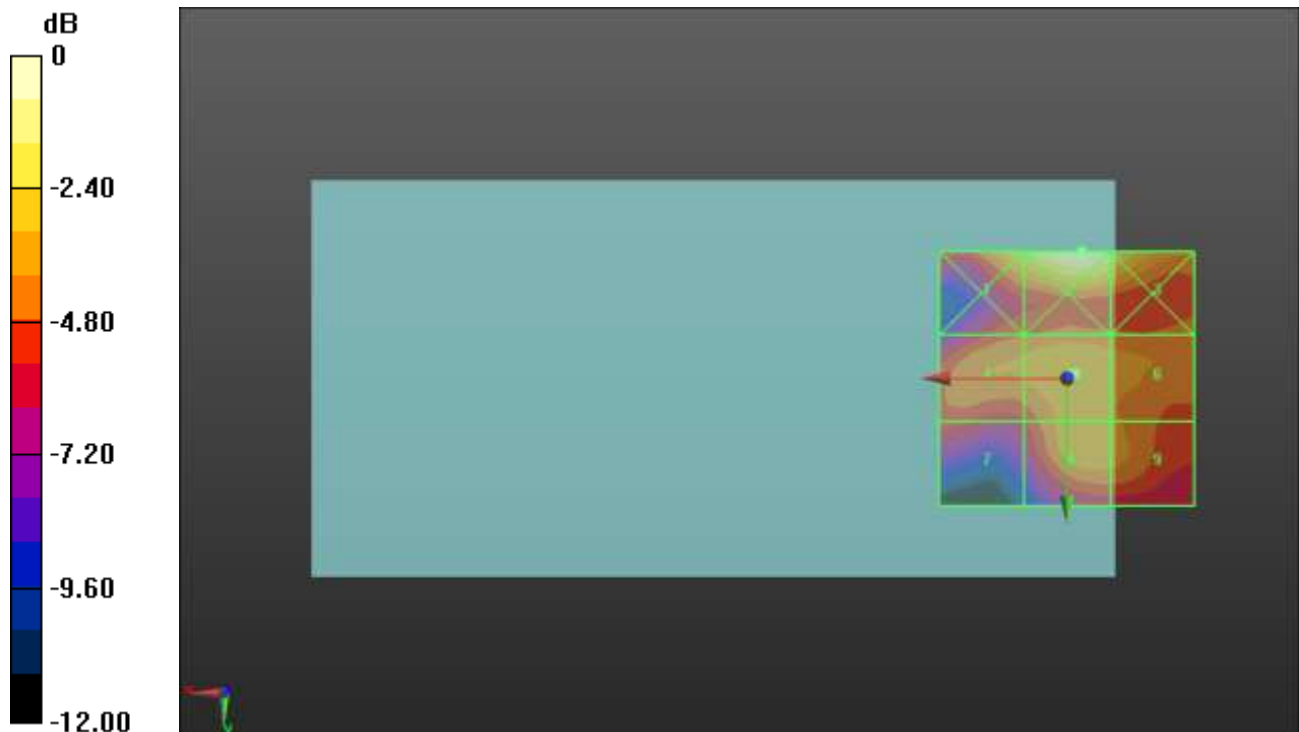
Applied MIF = -3.15 dB

RF audio interference level = 22.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.76 dBV/m	Grid 2 M4 25.53 dBV/m	Grid 3 M4 24.7 dBV/m
Grid 4 M4 21.7 dBV/m	Grid 5 M4 22.26 dBV/m	Grid 6 M4 21.93 dBV/m
Grid 7 M4 20.21 dBV/m	Grid 8 M4 22.21 dBV/m	Grid 9 M4 22.02 dBV/m



0 dB = 18.90 V/m = 25.53 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 25.68 V/m; Power Drift = -0.00 dB

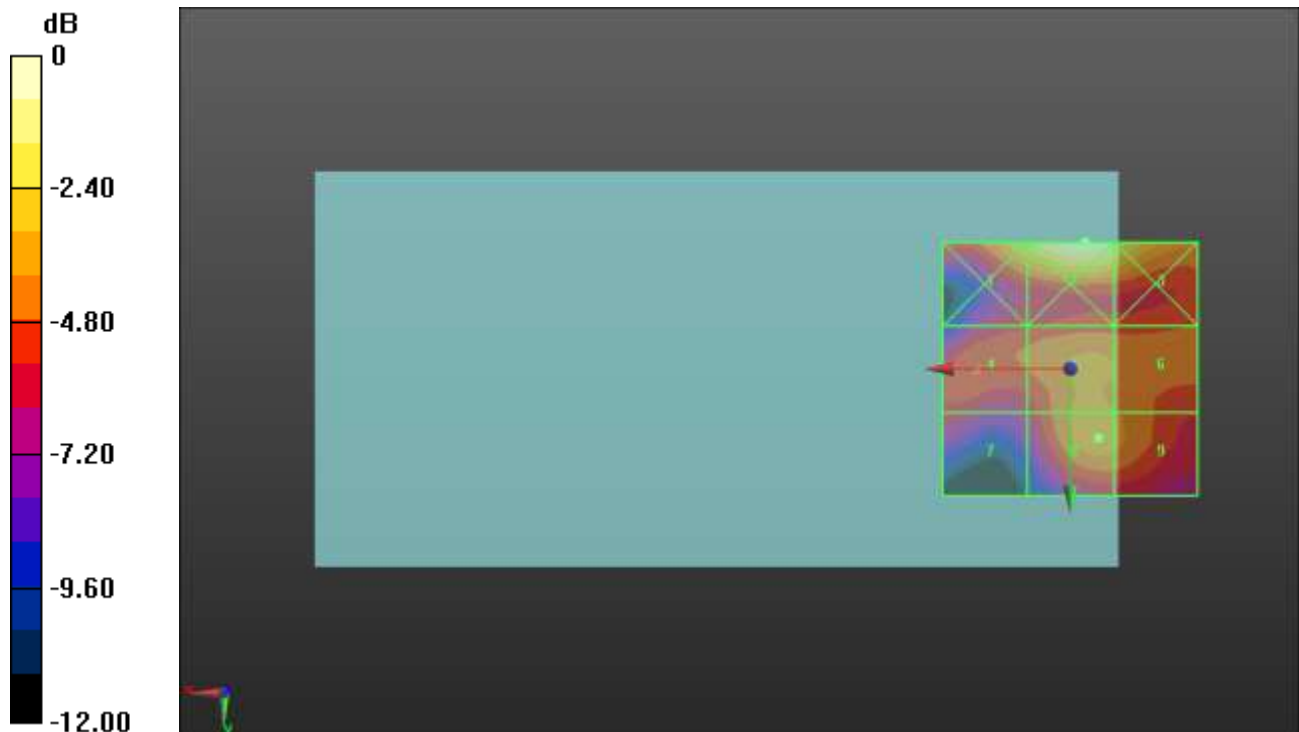
Applied MIF = -3.15 dB

RF audio interference level = 22.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.05 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.02 dBV/m
Grid 4 M4 21.16 dBV/m	Grid 5 M4 22.12 dBV/m	Grid 6 M4 21.91 dBV/m
Grid 7 M4 19.97 dBV/m	Grid 8 M4 22.34 dBV/m	Grid 9 M4 22.1 dBV/m



0 dB = 19.56 V/m = 25.83 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 22.30 V/m; Power Drift = -0.06 dB

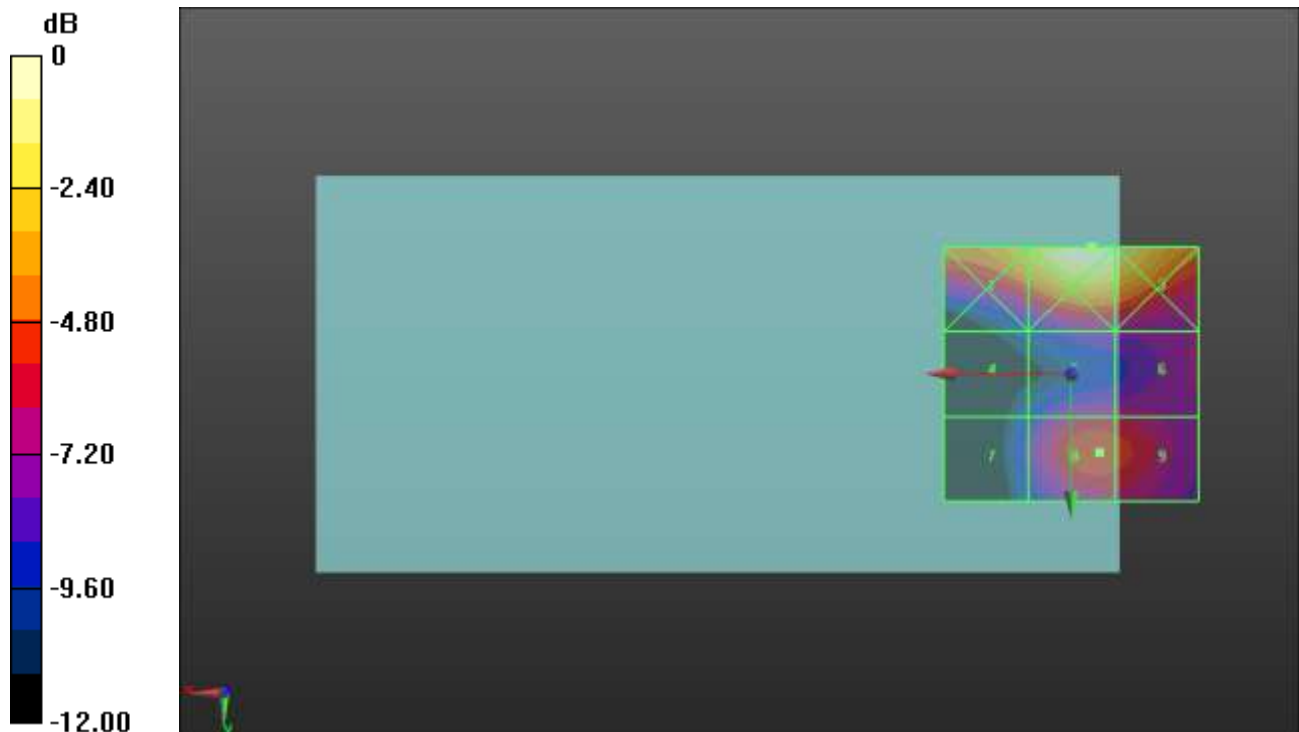
Applied MIF = -3.15 dB

RF audio interference level = 24.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.14 dBV/m	Grid 2 M4 29.29 dBV/m	Grid 3 M4 28.82 dBV/m
Grid 4 M4 19.91 dBV/m	Grid 5 M4 22.86 dBV/m	Grid 6 M4 22.74 dBV/m
Grid 7 M4 21.07 dBV/m	Grid 8 M4 24.41 dBV/m	Grid 9 M4 24.16 dBV/m



0 dB = 29.14 V/m = 29.29 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 21.56 V/m; Power Drift = 0.11 dB

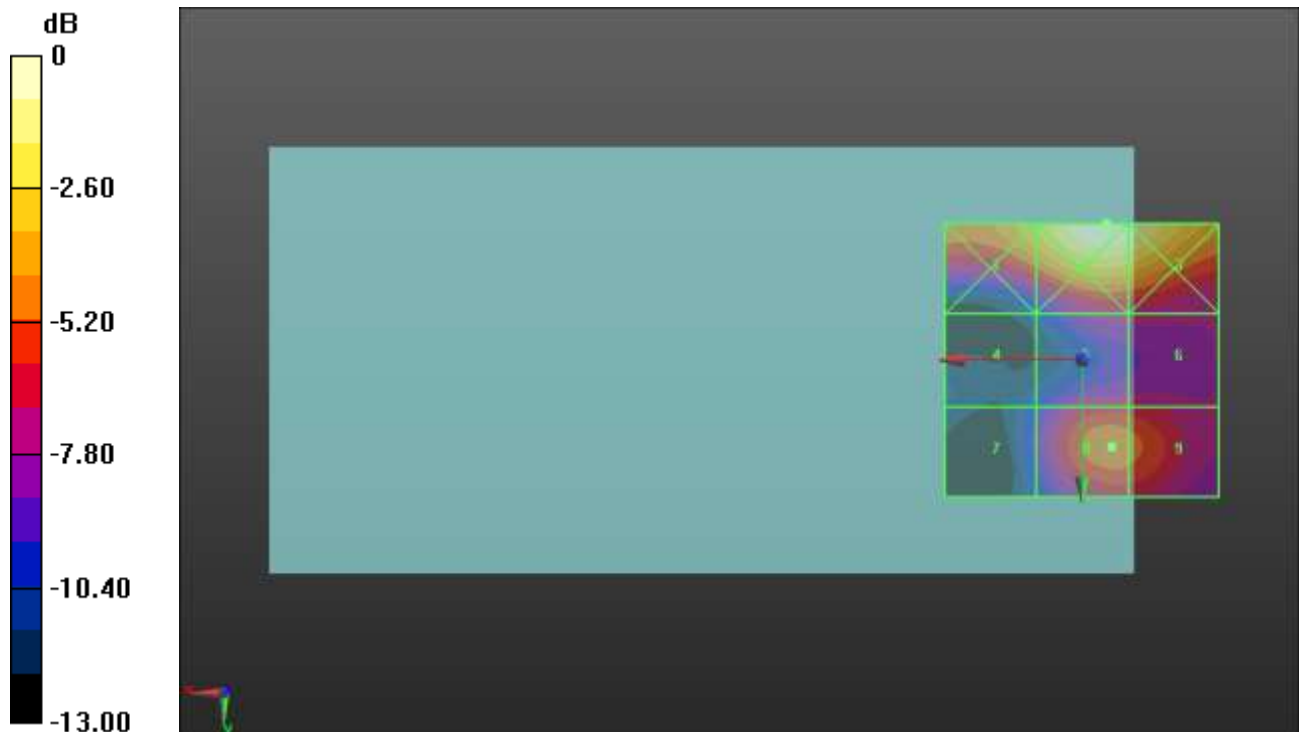
Applied MIF = -3.15 dB

RF audio interference level = 23.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.72 dBV/m	Grid 2 M4 28.29 dBV/m	Grid 3 M4 27.89 dBV/m
Grid 4 M4 18.26 dBV/m	Grid 5 M4 21.79 dBV/m	Grid 6 M4 21.64 dBV/m
Grid 7 M4 19.29 dBV/m	Grid 8 M4 23.75 dBV/m	Grid 9 M4 23.48 dBV/m



0 dB = 25.98 V/m = 28.29 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 19.52 V/m; Power Drift = 0.04 dB

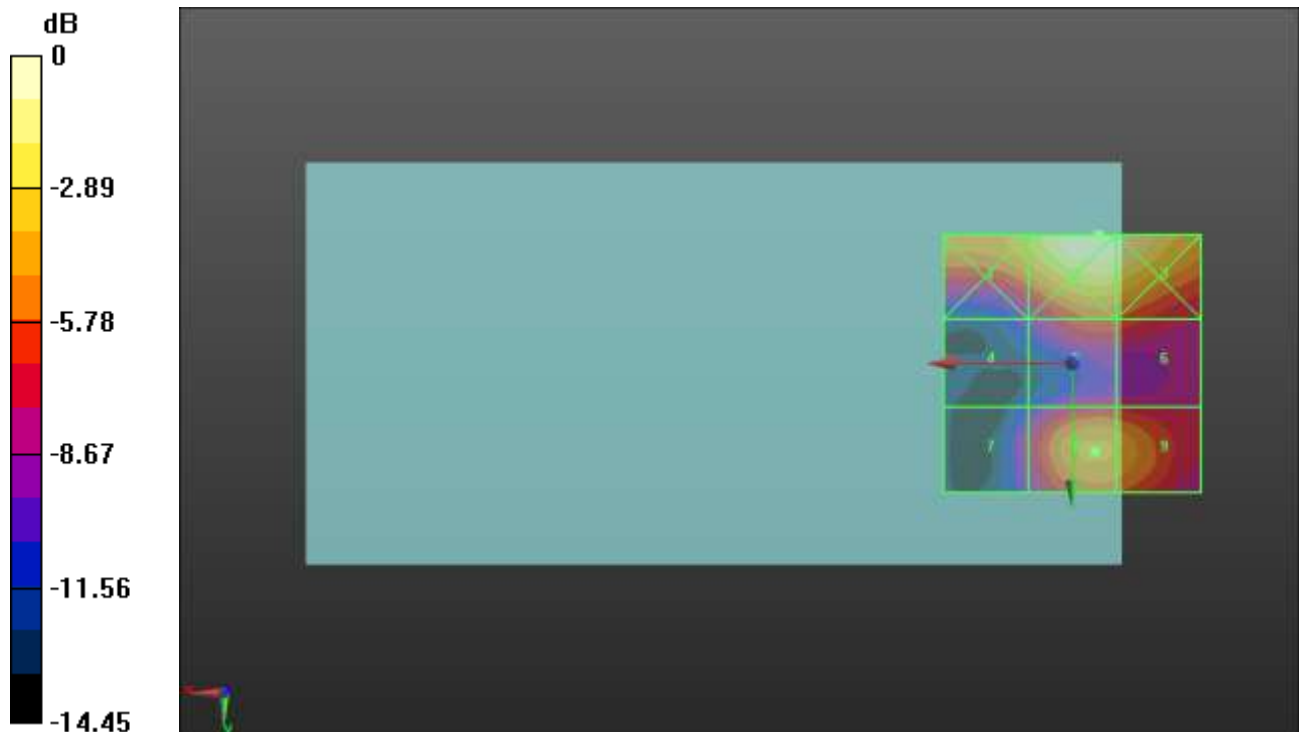
Applied MIF = -3.15 dB

RF audio interference level = 23.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.84 dBV/m	Grid 2 M4 26.58 dBV/m	Grid 3 M4 26.22 dBV/m
Grid 4 M4 17.13 dBV/m	Grid 5 M4 20.81 dBV/m	Grid 6 M4 20.63 dBV/m
Grid 7 M4 18.64 dBV/m	Grid 8 M4 23 dBV/m	Grid 9 M4 22.64 dBV/m



0 dB = 21.32 V/m = 26.58 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 19.44 V/m; Power Drift = -0.04 dB

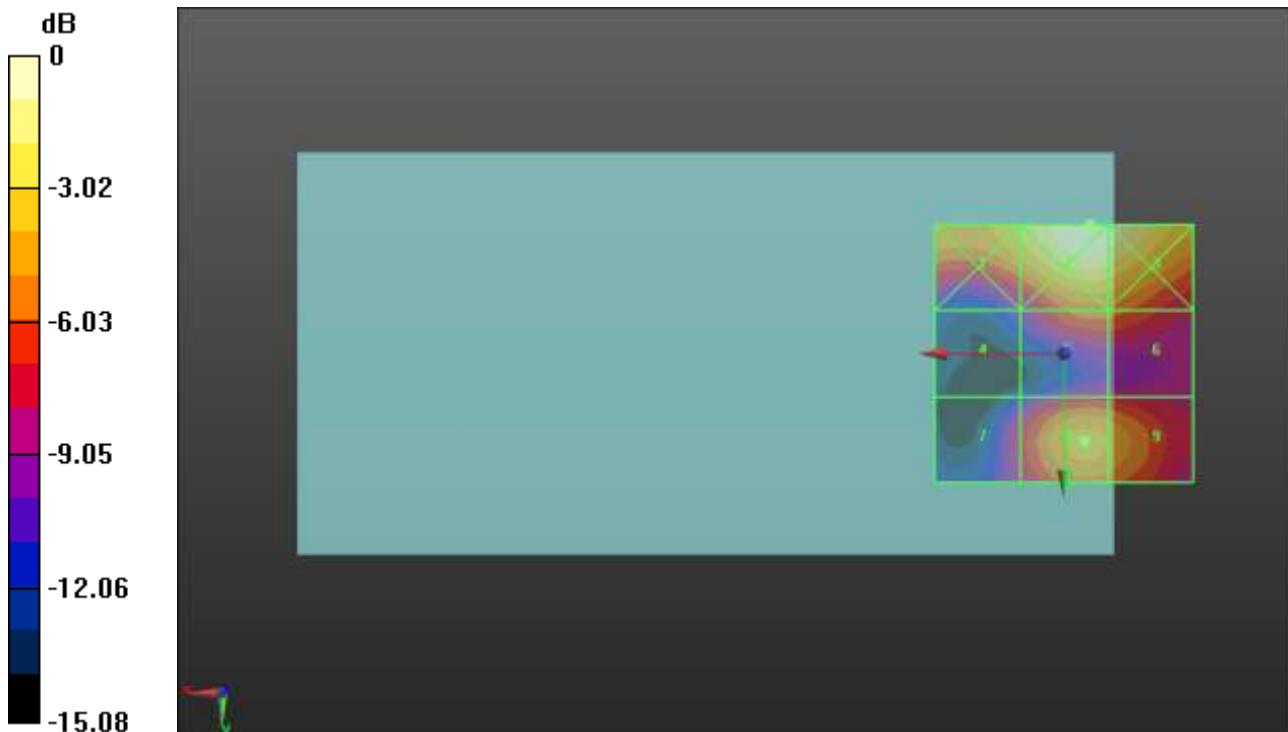
Applied MIF = -3.15 dB

RF audio interference level = 22.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.51 dBV/m	Grid 2 M4 26.21 dBV/m	Grid 3 M4 25.85 dBV/m
Grid 4 M4 16.78 dBV/m	Grid 5 M4 20.86 dBV/m	Grid 6 M4 20.73 dBV/m
Grid 7 M4 18.71 dBV/m	Grid 8 M4 22.62 dBV/m	Grid 9 M4 22.17 dBV/m



0 dB = 20.45 V/m = 26.21 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 18.18 V/m; Power Drift = -0.11 dB

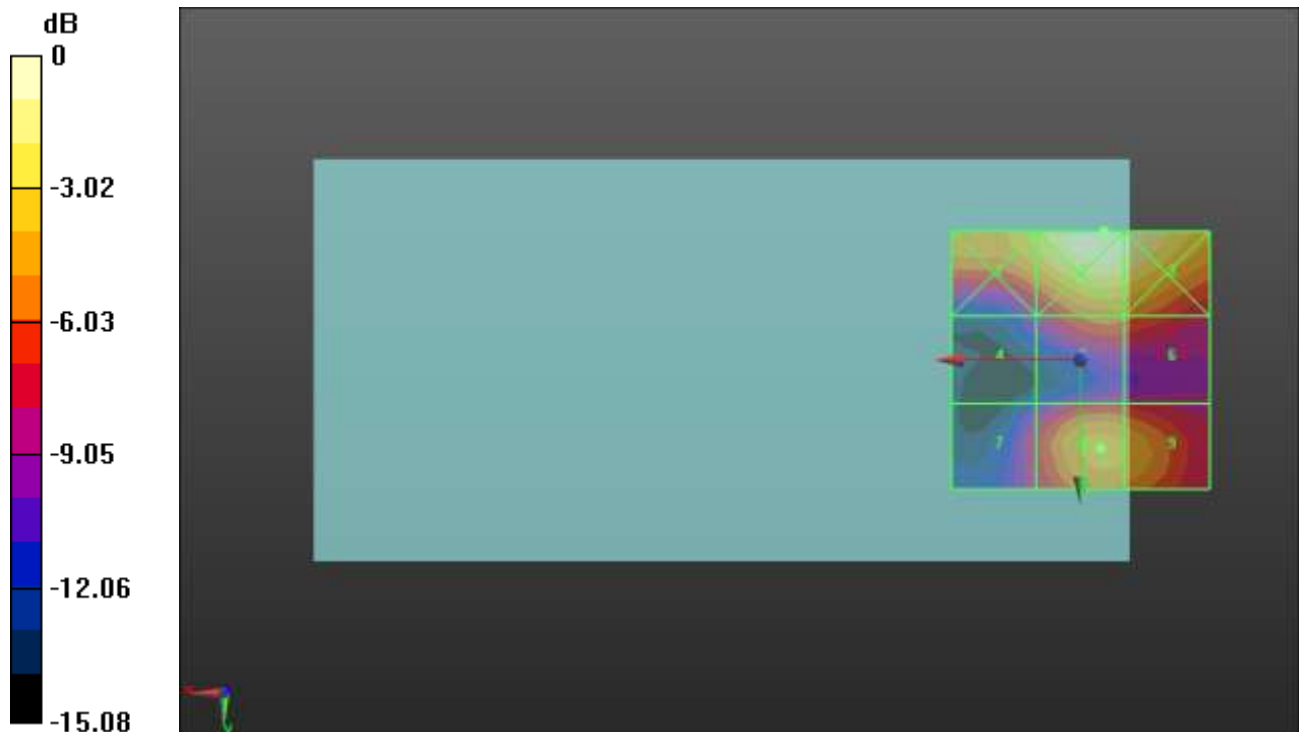
Applied MIF = -3.15 dB

RF audio interference level = 21.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.7 dBV/m	Grid 2 M4 25.36 dBV/m	Grid 3 M4 25.02 dBV/m
Grid 4 M4 16.36 dBV/m	Grid 5 M4 19.86 dBV/m	Grid 6 M4 19.67 dBV/m
Grid 7 M4 17.95 dBV/m	Grid 8 M4 21.84 dBV/m	Grid 9 M4 21.44 dBV/m



0 dB = 18.53 V/m = 25.36 dBV/m

HAC-RF Emission ANT 6

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 (5-6 GHz); 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 = 19.12 V/m; Power Drift = -0.08 dB

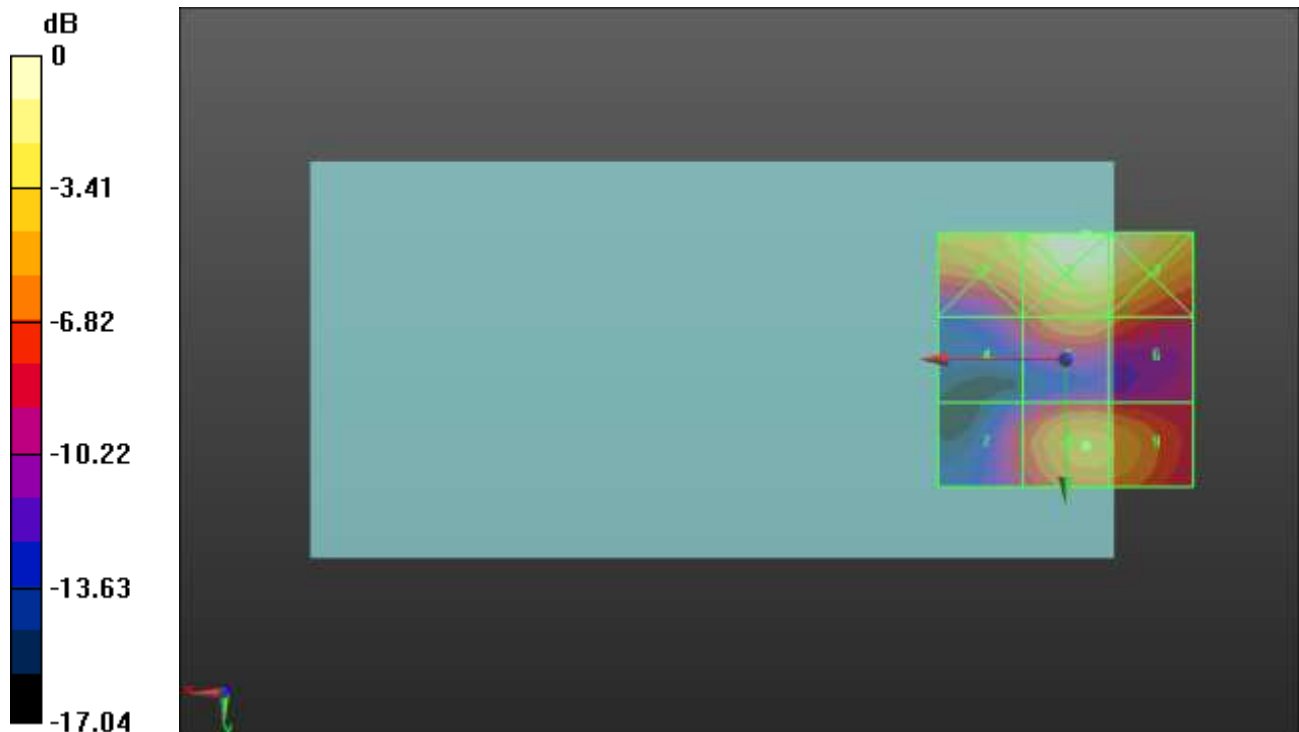
Applied MIF = -3.15 dB

RF audio interference level = 21.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.91 dBV/m	Grid 2 M4 25.39 dBV/m	Grid 3 M4 25 dBV/m
Grid 4 M4 17.44 dBV/m	Grid 5 M4 20.3 dBV/m	Grid 6 M4 19.53 dBV/m
Grid 7 M4 17.89 dBV/m	Grid 8 M4 21.56 dBV/m	Grid 9 M4 21.11 dBV/m



0 dB = 18.61 V/m = 25.39 dBV/m