

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 = 45.81 V/m; Power Drift = 0.02 dB

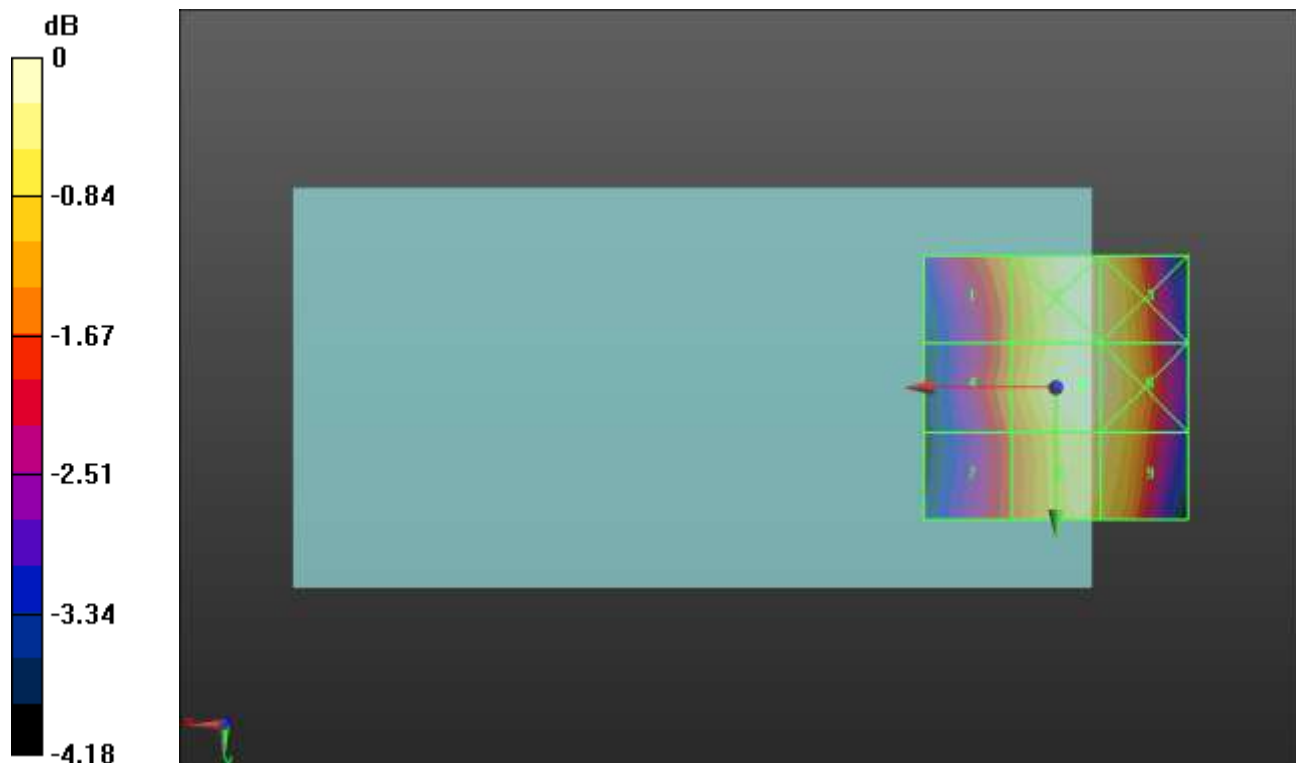
Applied MIF = 3.63 dB

RF audio interference level = 34.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.4 dBV/m	Grid 2 M4 34.39 dBV/m	Grid 3 M4 34.23 dBV/m
Grid 4 M4 33.27 dBV/m	Grid 5 M4 34.5 dBV/m	Grid 6 M4 34.34 dBV/m
Grid 7 M4 32.92 dBV/m	Grid 8 M4 34.21 dBV/m	Grid 9 M4 34.11 dBV/m



0 dB = 53.06 V/m = 34.50 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 47.27 V/m; Power Drift = 0.01 dB

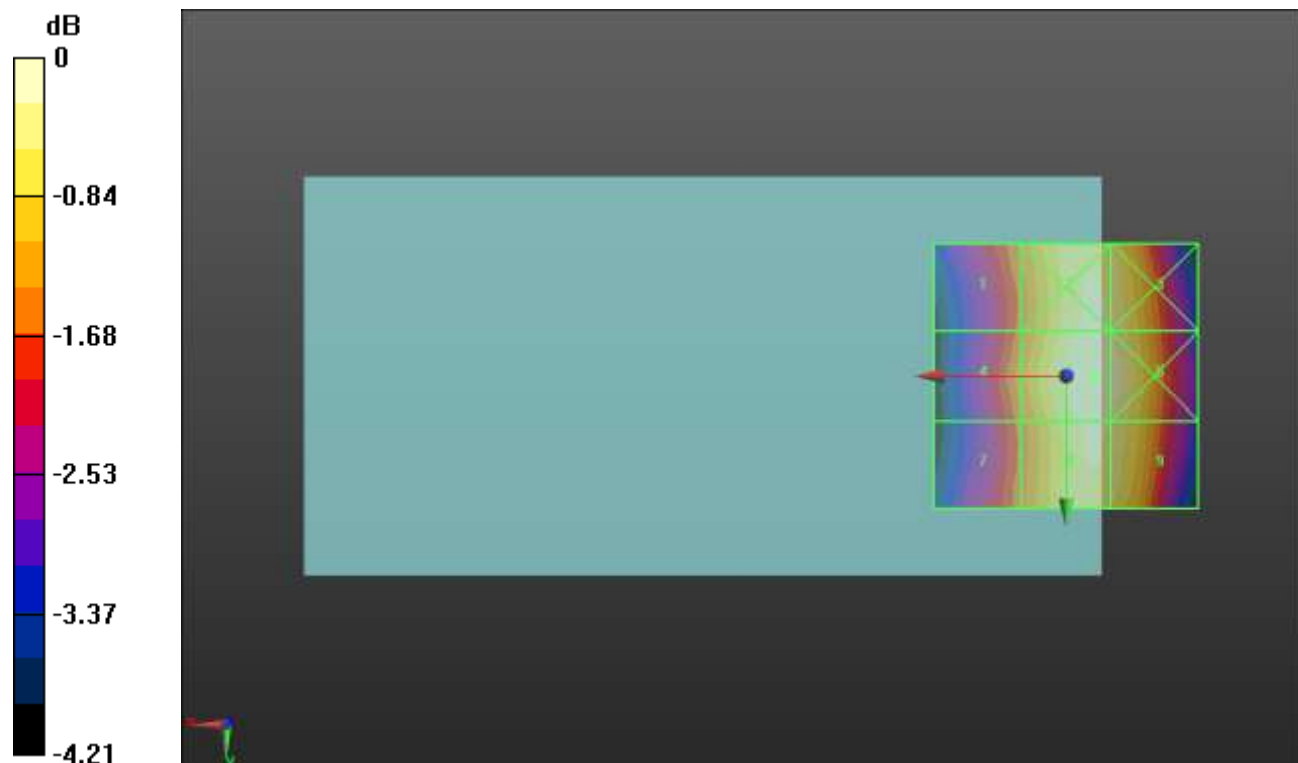
Applied MIF = 3.63 dB

RF audio interference level = 34.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.31 dBV/m	Grid 2 M4 34.45 dBV/m	Grid 3 M4 34.38 dBV/m
Grid 4 M4 33.41 dBV/m	Grid 5 M4 34.64 dBV/m	Grid 6 M4 34.55 dBV/m
Grid 7 M4 33.18 dBV/m	Grid 8 M4 34.43 dBV/m	Grid 9 M4 34.36 dBV/m



0 dB = 53.93 V/m = 34.64 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 48.86 V/m; Power Drift = -0.03 dB

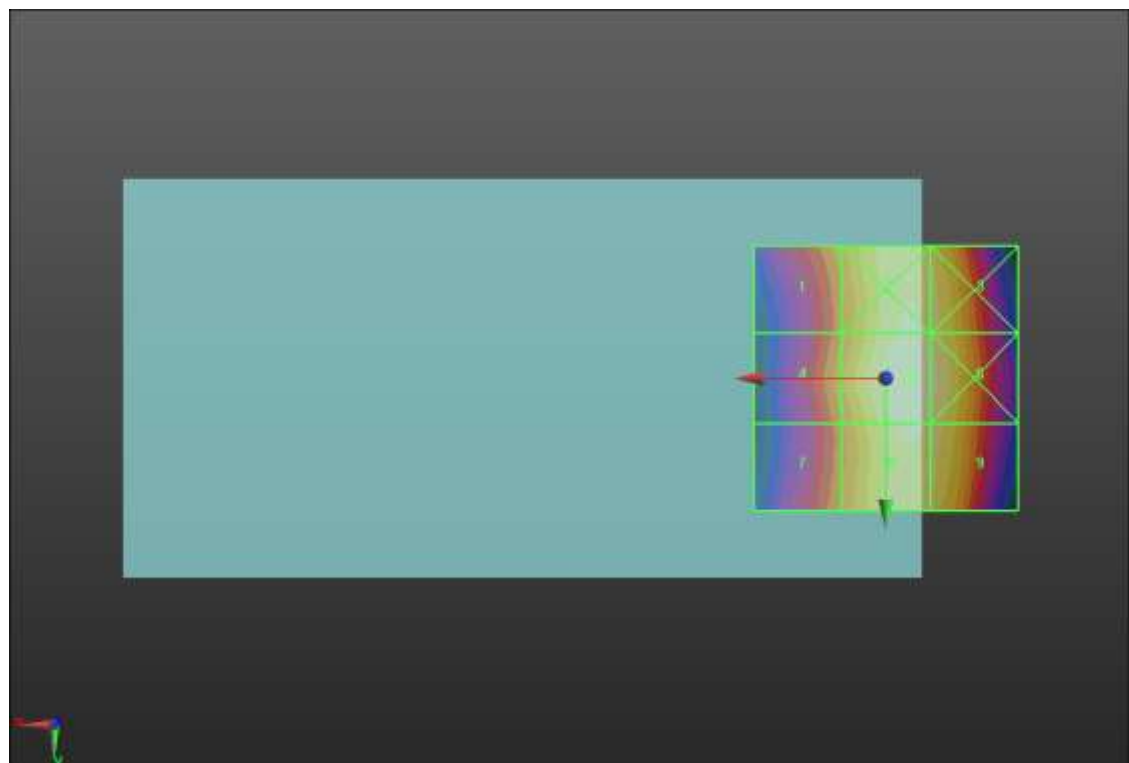
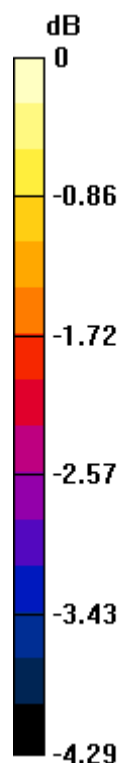
Applied MIF = 3.63 dB

RF audio interference level = 34.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.7 dBV/m	Grid 2 M4 34.72 dBV/m	Grid 3 M4 34.58 dBV/m
Grid 4 M4 33.72 dBV/m	Grid 5 M4 34.92 dBV/m	Grid 6 M4 34.74 dBV/m
Grid 7 M4 33.53 dBV/m	Grid 8 M4 34.71 dBV/m	Grid 9 M4 34.57 dBV/m



0 dB = 55.70 V/m = 34.92 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 = 30.45 V/m; Power Drift = 0.04 dB

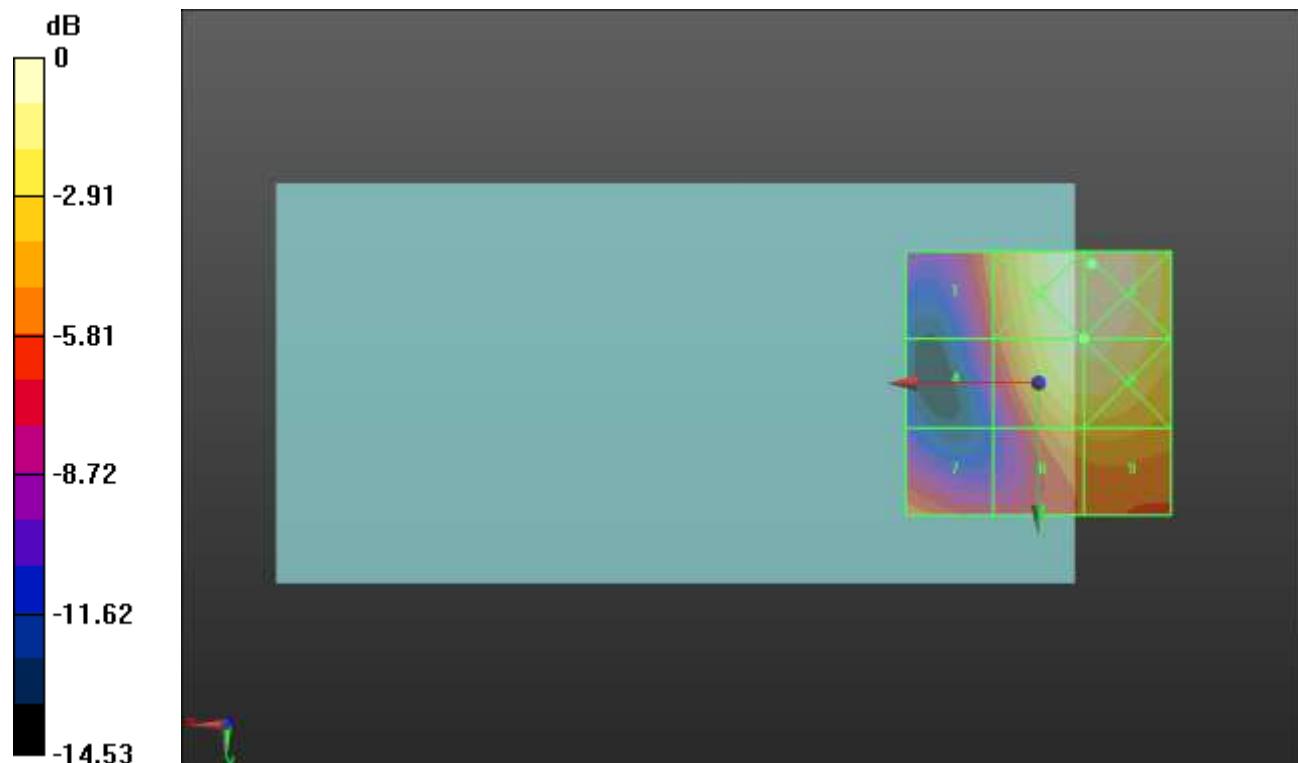
Applied MIF = 3.63 dB

RF audio interference level = 32.60 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.43 dBV/m	Grid 2 M3 33.18 dBV/m	Grid 3 M3 33.21 dBV/m
Grid 4 M4 26.79 dBV/m	Grid 5 M3 32.6 dBV/m	Grid 6 M3 32.63 dBV/m
Grid 7 M4 28.21 dBV/m	Grid 8 M4 29.75 dBV/m	Grid 9 M4 29.9 dBV/m



0 dB = 45.77 V/m = 33.21 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.29 V/m; Power Drift = -0.01 dB

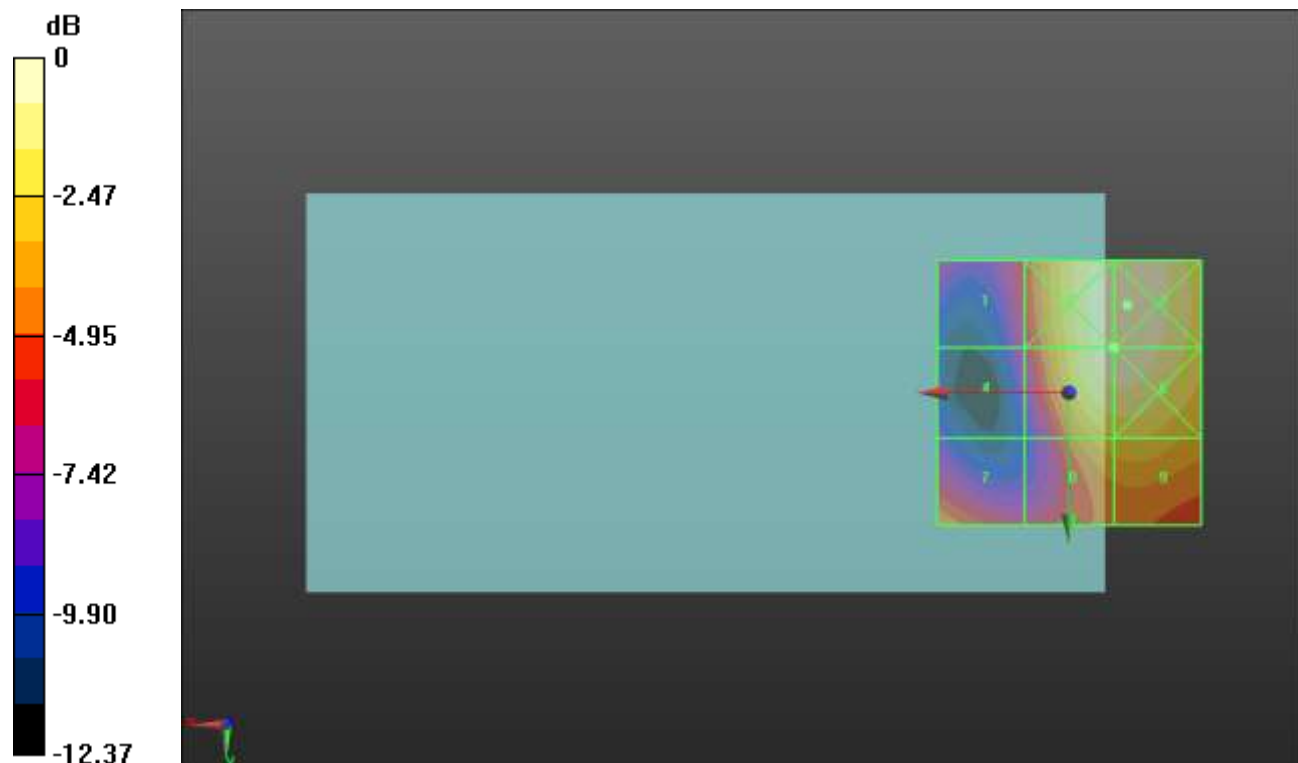
Applied MIF = 3.63 dB

RF audio interference level = 32.74 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.38 dBV/m	Grid 2 M3 32.97 dBV/m	Grid 3 M3 33.07 dBV/m
Grid 4 M4 26.23 dBV/m	Grid 5 M3 32.74 dBV/m	Grid 6 M3 32.81 dBV/m
Grid 7 M4 29.11 dBV/m	Grid 8 M3 30.52 dBV/m	Grid 9 M3 30.67 dBV/m



0 dB = 45.00 V/m = 33.06 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 = 29.94 V/m; Power Drift = 0.01 dB

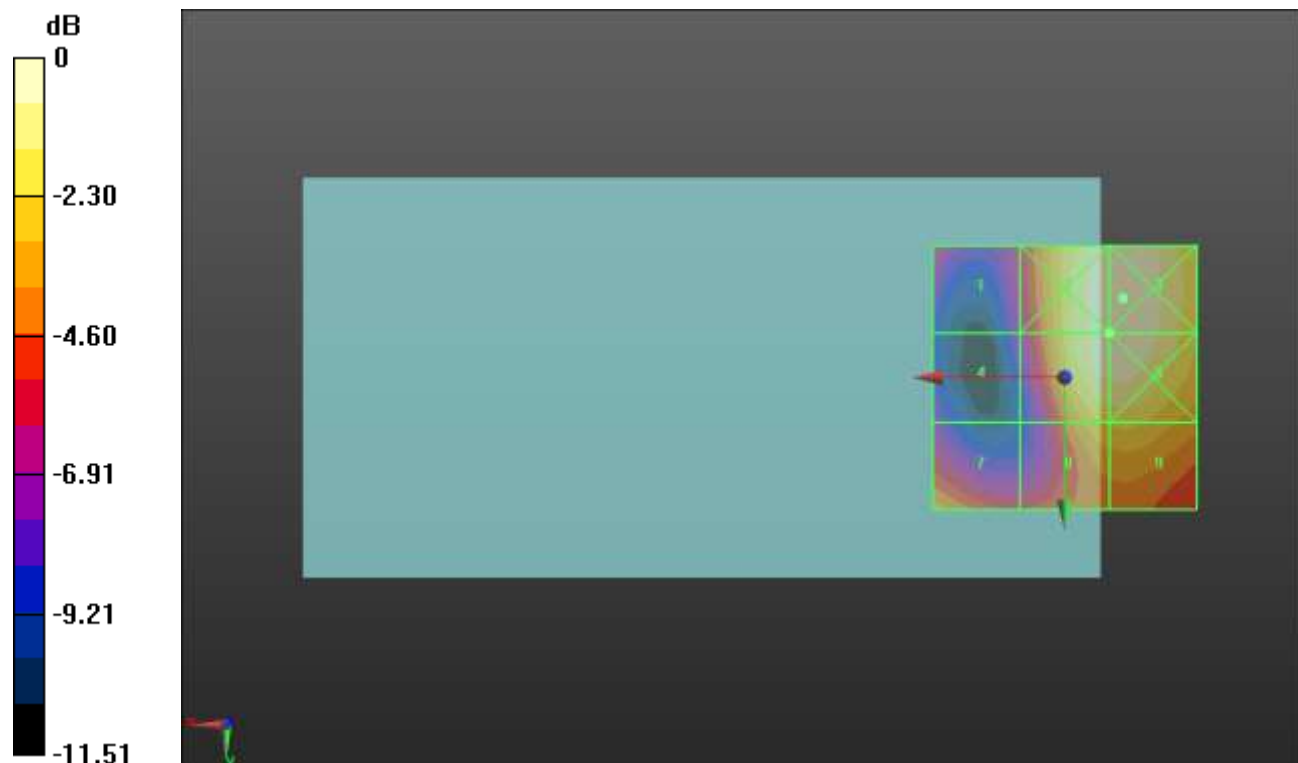
Applied MIF = 3.63 dB

RF audio interference level = 32.20 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.99 dBV/m	Grid 2 M3 32.29 dBV/m	Grid 3 M3 32.4 dBV/m
Grid 4 M4 25.39 dBV/m	Grid 5 M3 32.21 dBV/m	Grid 6 M3 32.28 dBV/m
Grid 7 M4 29.13 dBV/m	Grid 8 M3 30.23 dBV/m	Grid 9 M3 30.34 dBV/m



0 dB = 41.67 V/m = 32.40 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 = 20.38 V/m; Power Drift = -0.01 dB

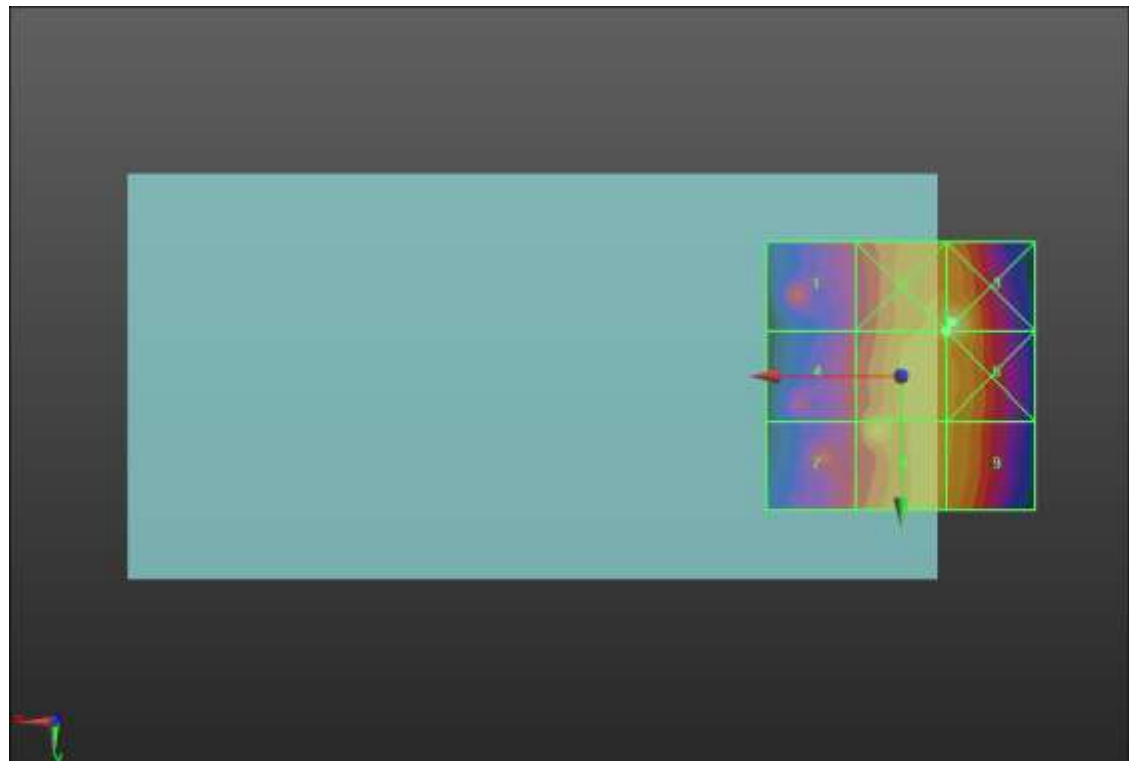
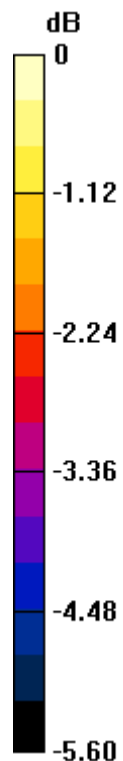
Applied MIF = 3.26 dB

RF audio interference level = 27.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.05 dBV/m	Grid 2 M4 28.17 dBV/m	Grid 3 M4 28.41 dBV/m
Grid 4 M4 25.9 dBV/m	Grid 5 M4 27.91 dBV/m	Grid 6 M4 28.08 dBV/m
Grid 7 M4 25.99 dBV/m	Grid 8 M4 27.36 dBV/m	Grid 9 M4 27.03 dBV/m



0 dB = 26.35 V/m = 28.42 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.91 V/m; Power Drift = -0.07 dB

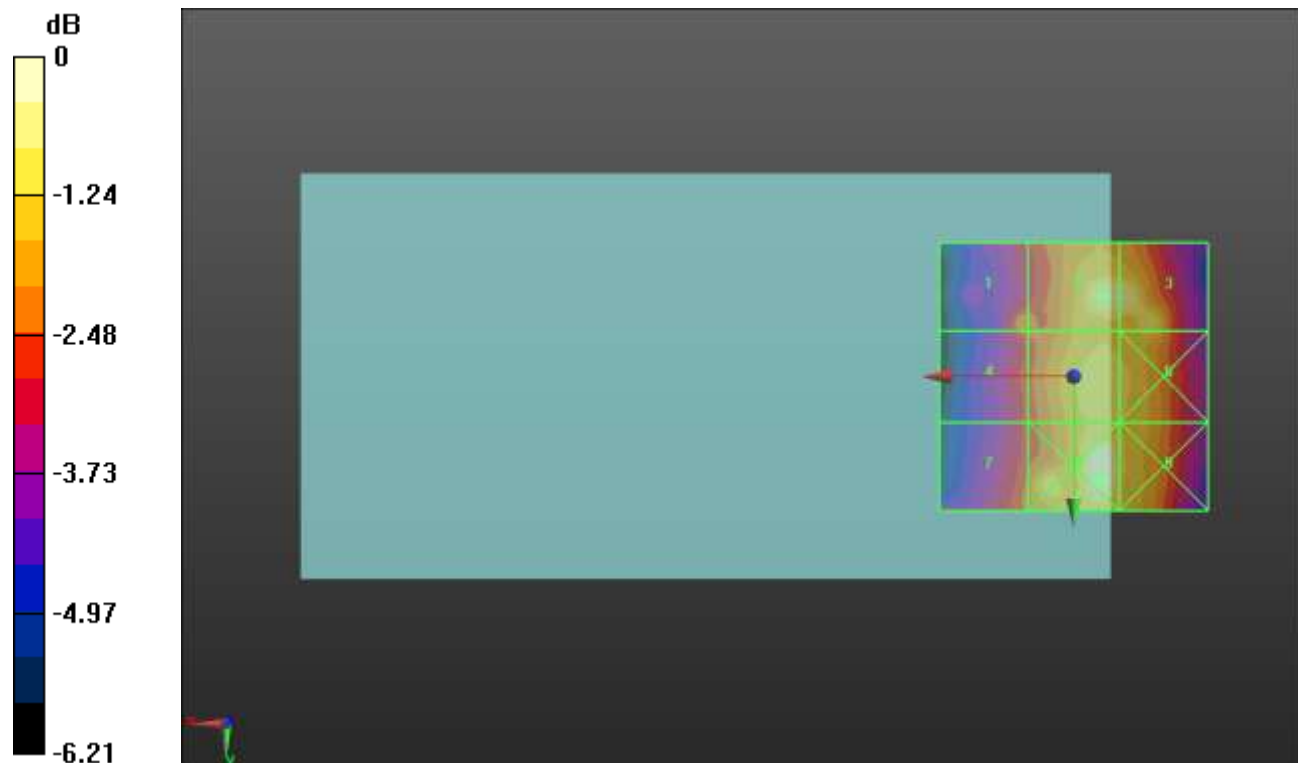
Applied MIF = 3.26 dB

RF audio interference level = 27.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.06 dBV/m	Grid 2 M4 27.82 dBV/m	Grid 3 M4 27.75 dBV/m
Grid 4 M4 25.87 dBV/m	Grid 5 M4 27.14 dBV/m	Grid 6 M4 27.11 dBV/m
Grid 7 M4 25.93 dBV/m	Grid 8 M4 28.15 dBV/m	Grid 9 M4 27.22 dBV/m



0 dB = 25.56 V/m = 28.15 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 = 18.98 V/m; Power Drift = -0.02 dB

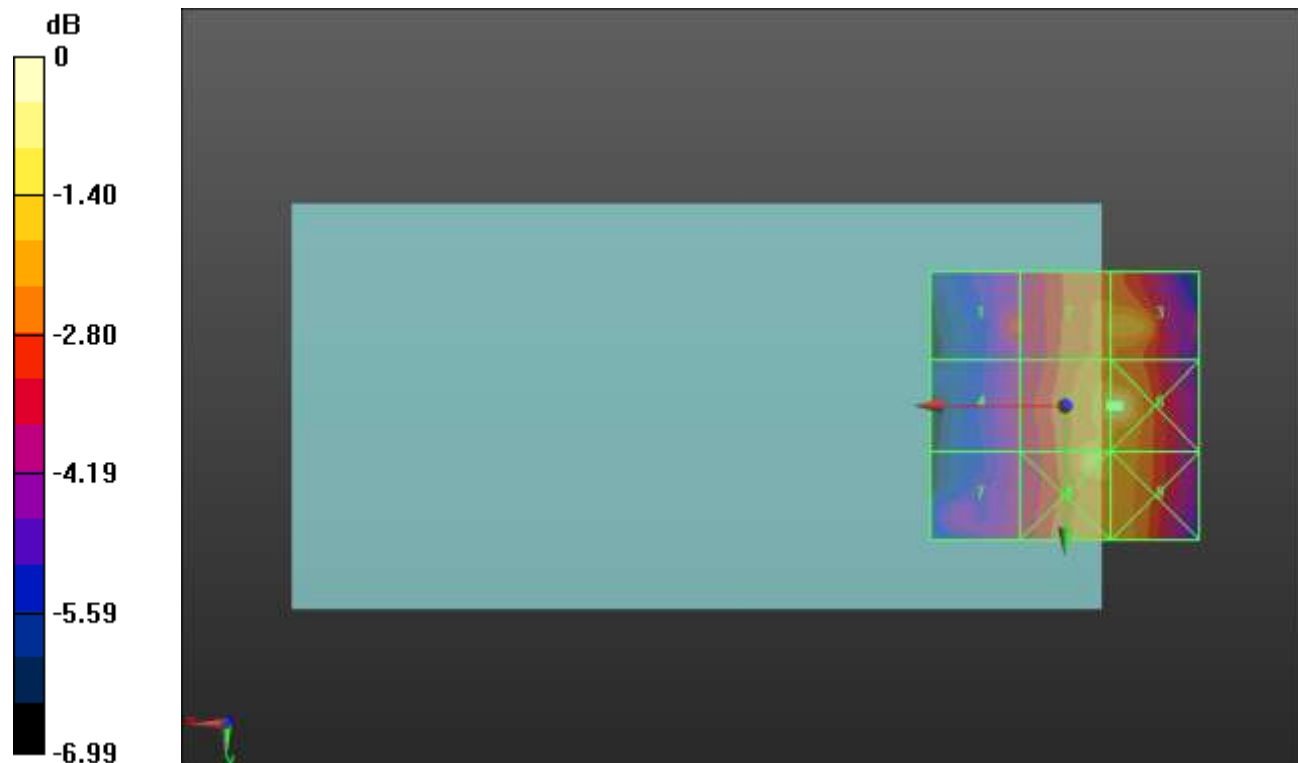
Applied MIF = 3.26 dB

RF audio interference level = 28.32 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.64 dBV/m	Grid 2 M4 27.04 dBV/m	Grid 3 M4 27.18 dBV/m
Grid 4 M4 25.04 dBV/m	Grid 5 M4 28.32 dBV/m	Grid 6 M4 28.66 dBV/m
Grid 7 M4 25.13 dBV/m	Grid 8 M4 27.69 dBV/m	Grid 9 M4 26.89 dBV/m



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

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.88 V/m; Power Drift = -0.09 dB

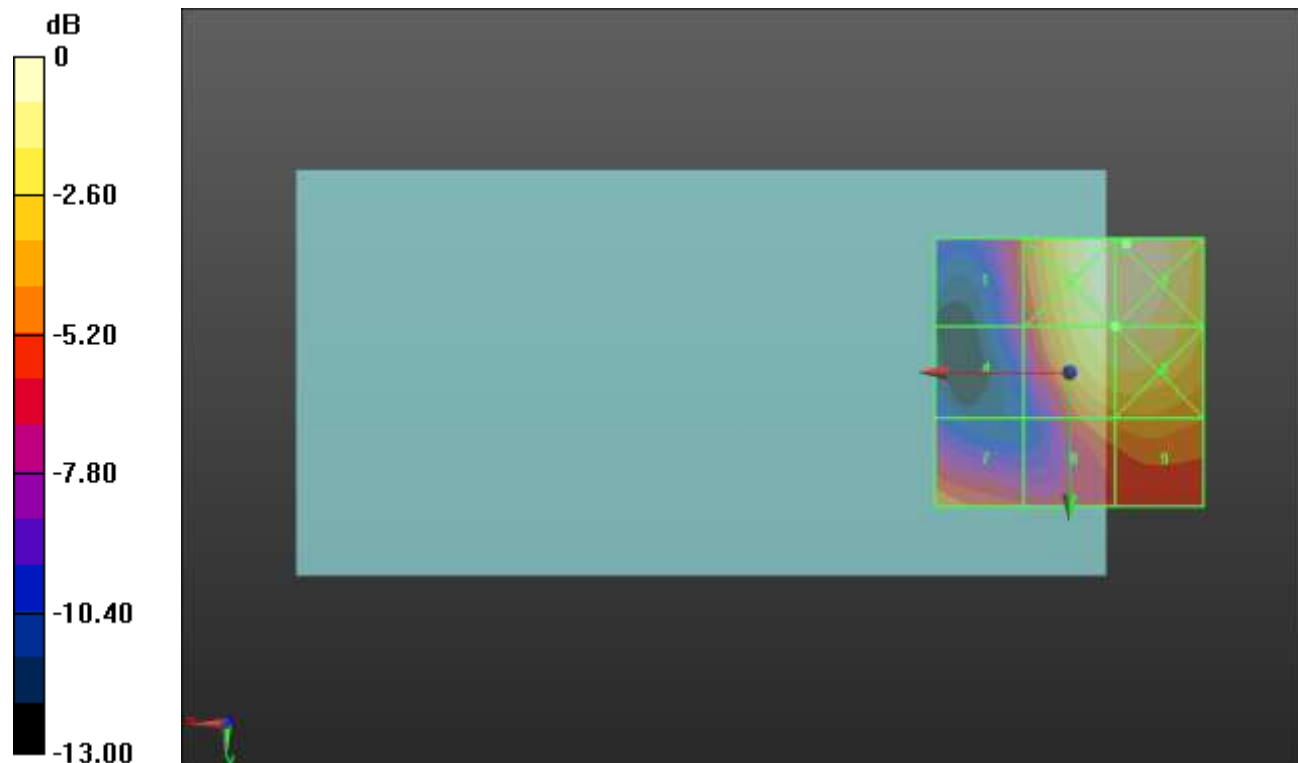
Applied MIF = 3.26 dB

RF audio interference level = 26.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.01 dBV/m	Grid 2 M4 27.31 dBV/m	Grid 3 M4 27.35 dBV/m
Grid 4 M4 20.44 dBV/m	Grid 5 M4 26.53 dBV/m	Grid 6 M4 26.61 dBV/m
Grid 7 M4 23.22 dBV/m	Grid 8 M4 23.39 dBV/m	Grid 9 M4 23.76 dBV/m



0 dB = 23.30 V/m = 27.35 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 = 14.33 V/m; Power Drift = -0.01 dB

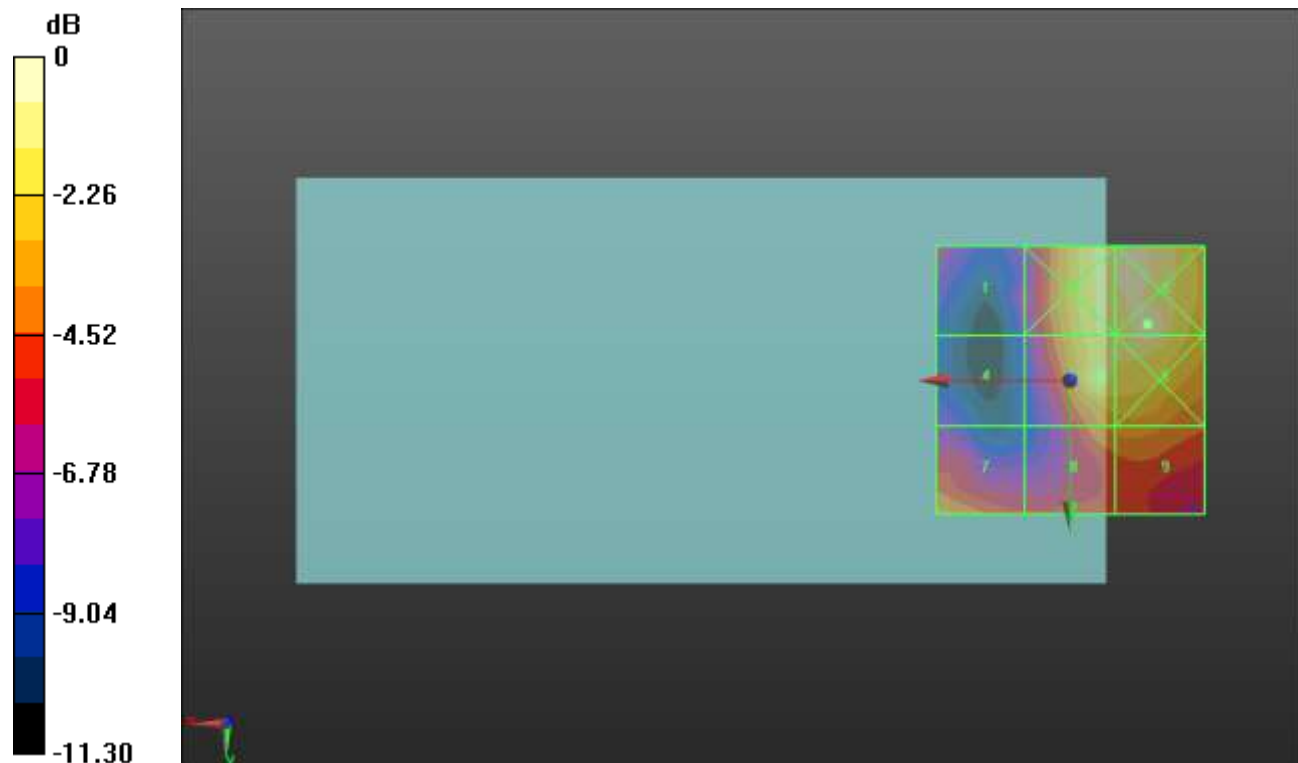
Applied MIF = 3.26 dB

RF audio interference level = 26.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.57 dBV/m	Grid 2 M4 26.48 dBV/m	Grid 3 M4 27.21 dBV/m
Grid 4 M4 19.92 dBV/m	Grid 5 M4 26.14 dBV/m	Grid 6 M4 26.86 dBV/m
Grid 7 M4 23.93 dBV/m	Grid 8 M4 23.76 dBV/m	Grid 9 M4 23.91 dBV/m



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

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.08 V/m; Power Drift = -0.03 dB

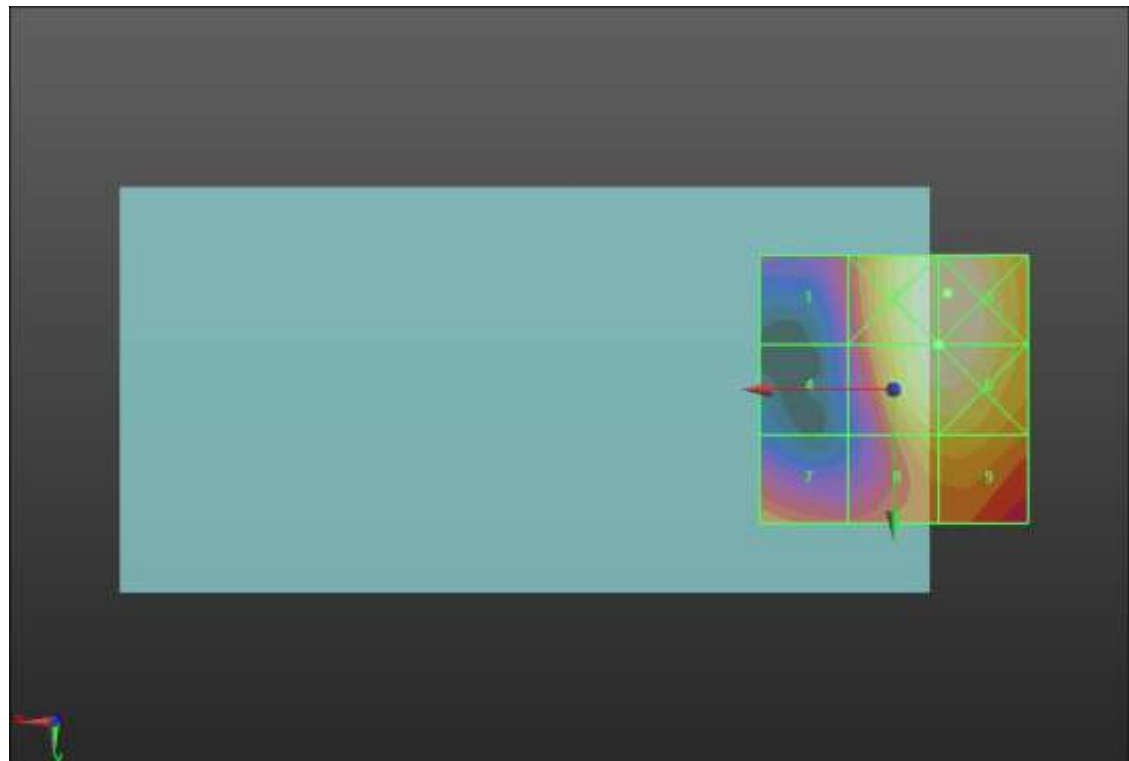
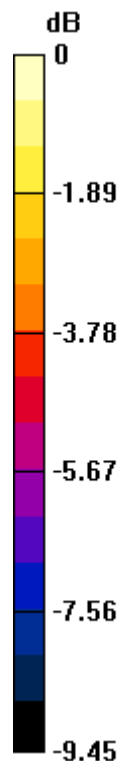
Applied MIF = 3.26 dB

RF audio interference level = 26.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.17 dBV/m	Grid 2 M4 26.69 dBV/m	Grid 3 M4 26.72 dBV/m
Grid 4 M4 20.95 dBV/m	Grid 5 M4 26.53 dBV/m	Grid 6 M4 26.57 dBV/m
Grid 7 M4 23.81 dBV/m	Grid 8 M4 24.76 dBV/m	Grid 9 M4 24.86 dBV/m



0 dB = 21.67 V/m = 26.72 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 = 22.96 V/m; Power Drift = -0.06 dB

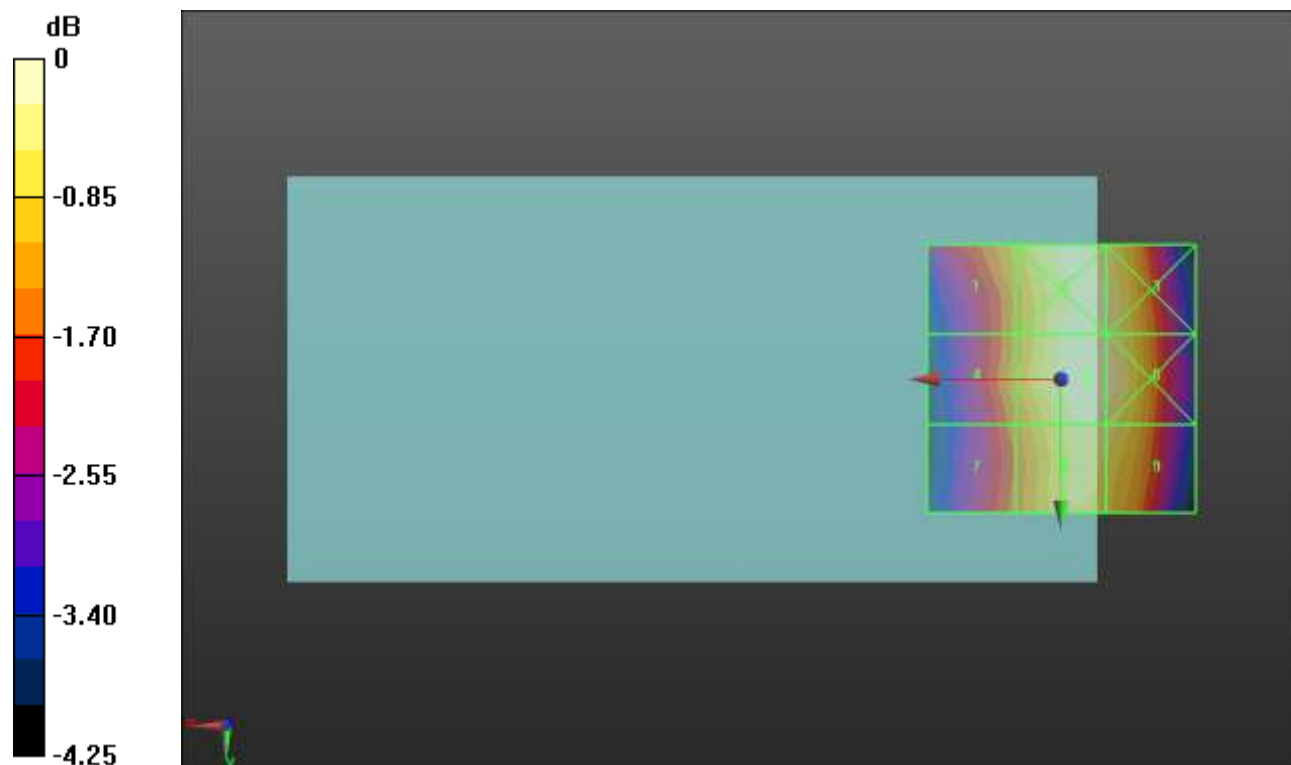
Applied MIF = 3.26 dB

RF audio interference level = 28.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.23 dBV/m	Grid 2 M4 28.15 dBV/m	Grid 3 M4 28 dBV/m
Grid 4 M4 27.07 dBV/m	Grid 5 M4 28.24 dBV/m	Grid 6 M4 28.12 dBV/m
Grid 7 M4 26.74 dBV/m	Grid 8 M4 27.98 dBV/m	Grid 9 M4 27.85 dBV/m



0 dB = 25.83 V/m = 28.24 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 = 23.97 V/m; Power Drift = 0.01 dB

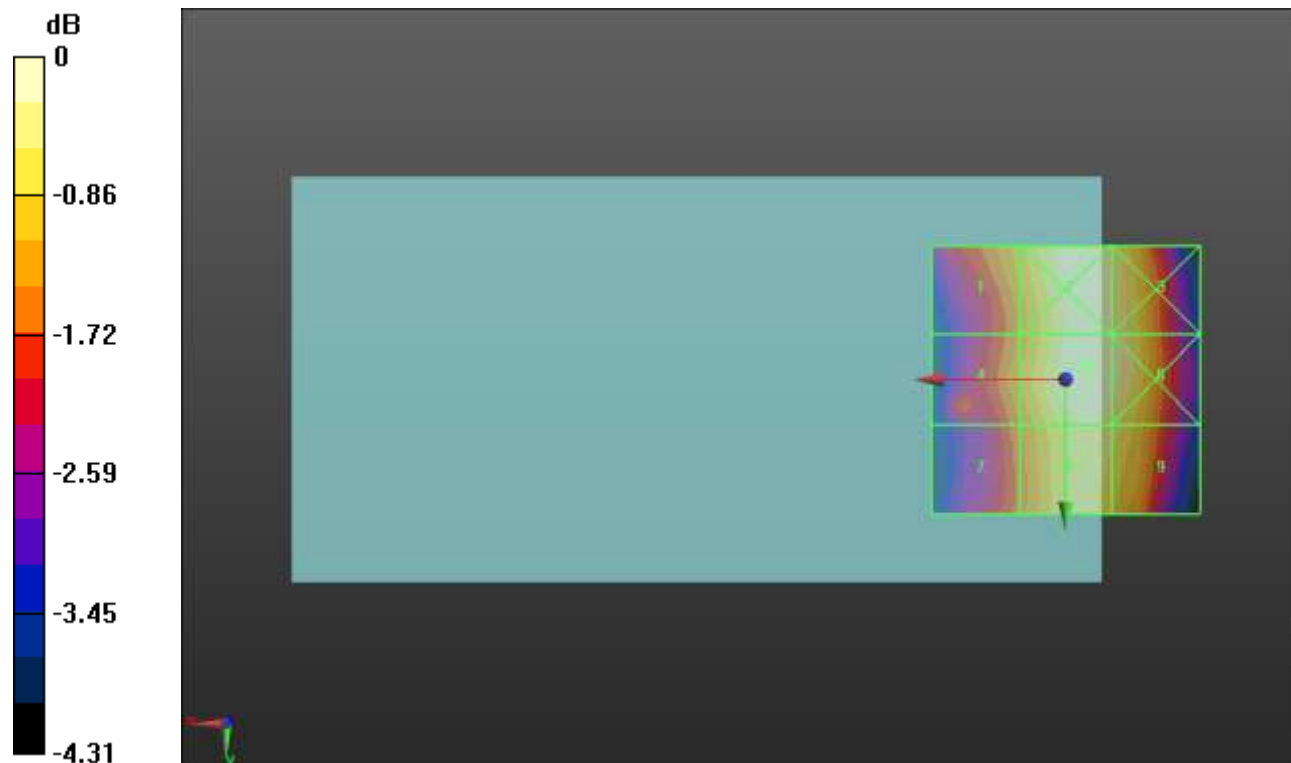
Applied MIF = 3.26 dB

RF audio interference level = 28.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.57 dBV/m	Grid 2 M4 28.47 dBV/m	Grid 3 M4 28.32 dBV/m
Grid 4 M4 27.44 dBV/m	Grid 5 M4 28.54 dBV/m	Grid 6 M4 28.41 dBV/m
Grid 7 M4 27.1 dBV/m	Grid 8 M4 28.28 dBV/m	Grid 9 M4 28.12 dBV/m



0 dB = 26.73 V/m = 28.54 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 = 24.72 V/m; Power Drift = -0.01 dB

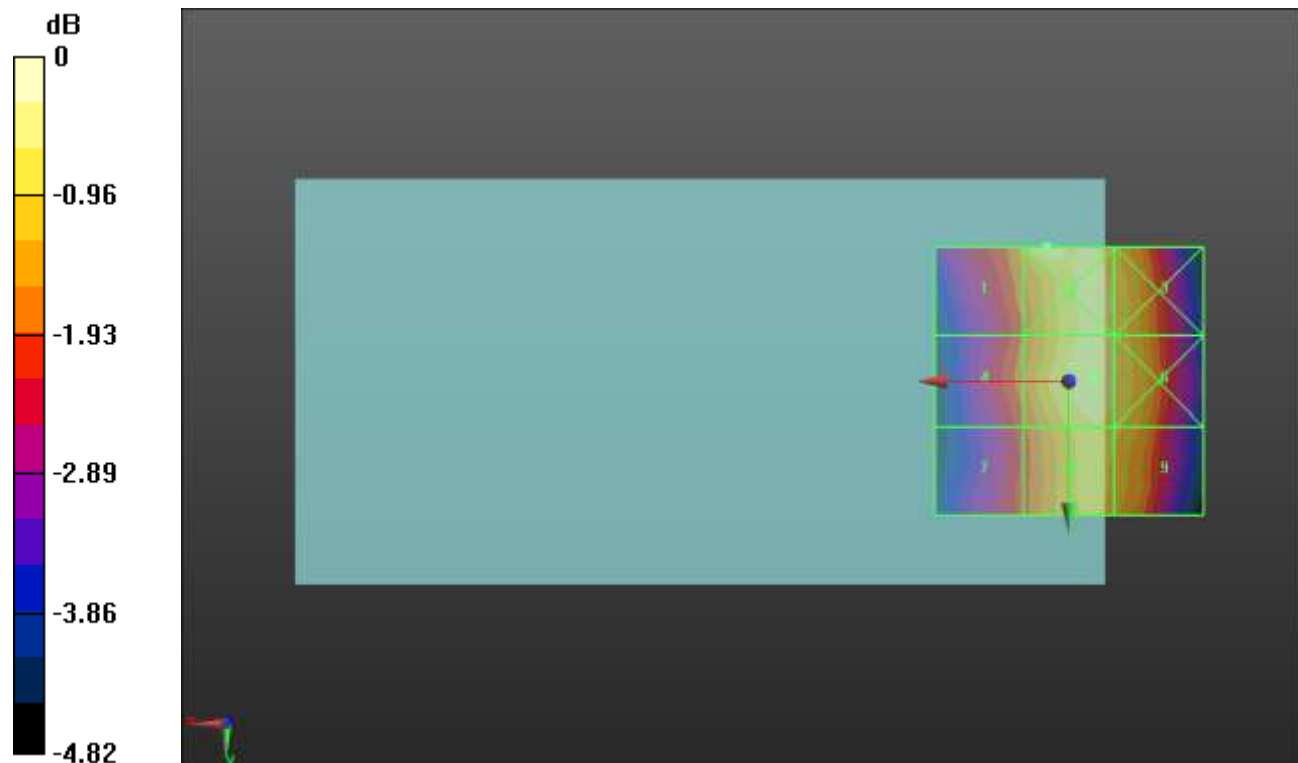
Applied MIF = 3.26 dB

RF audio interference level = 28.96 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28 dBV/m	Grid 2 M4 29.33 dBV/m	Grid 3 M4 28.69 dBV/m
Grid 4 M4 27.65 dBV/m	Grid 5 M4 28.96 dBV/m	Grid 6 M4 28.73 dBV/m
Grid 7 M4 27.32 dBV/m	Grid 8 M4 28.69 dBV/m	Grid 9 M4 28.51 dBV/m



0 dB = 29.28 V/m = 29.33 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 = 10.03 V/m; Power Drift = -0.12 dB

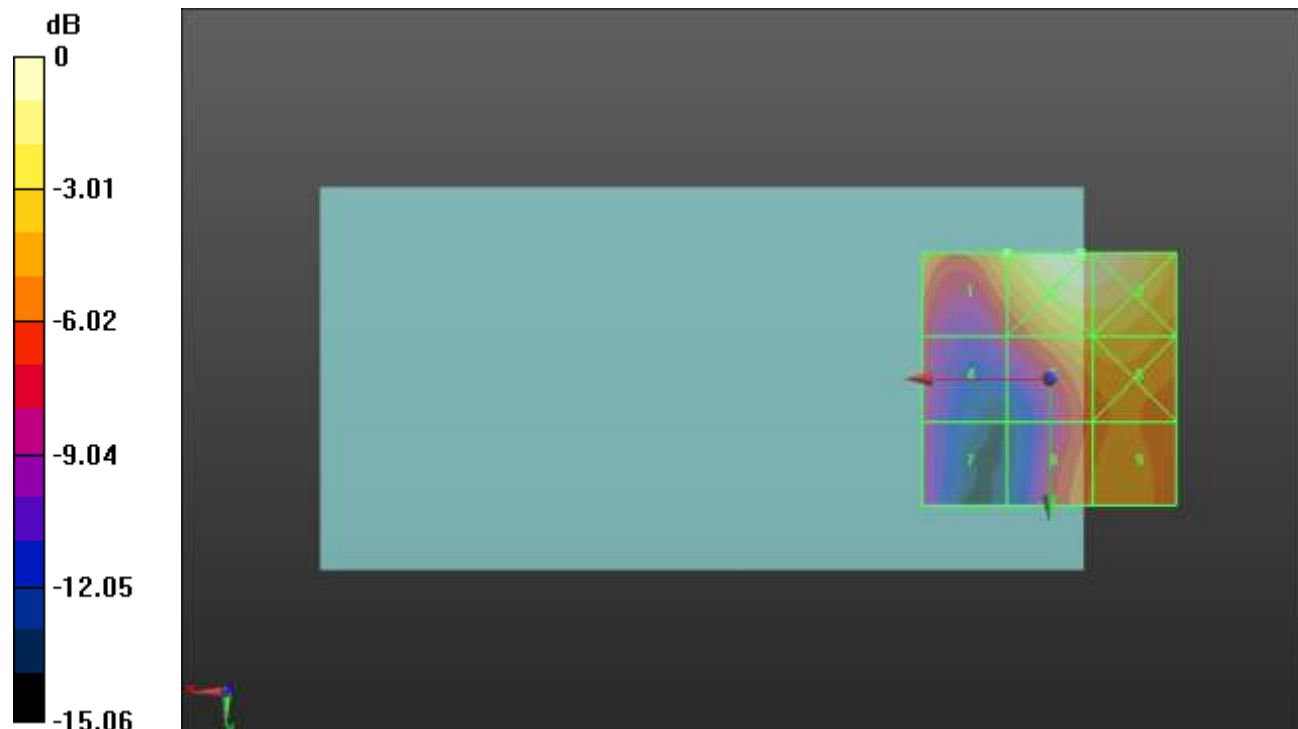
Applied MIF = -1.44 dB

RF audio interference level = 21.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.57 dBV/m	Grid 2 M4 24.7 dBV/m	Grid 3 M4 24.57 dBV/m
Grid 4 M4 17.83 dBV/m	Grid 5 M4 21.5 dBV/m	Grid 6 M4 21.62 dBV/m
Grid 7 M4 16.31 dBV/m	Grid 8 M4 19.86 dBV/m	Grid 9 M4 20.35 dBV/m



0 dB = 17.18 V/m = 24.70 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 = 9.627 V/m; Power Drift = -0.15 dB

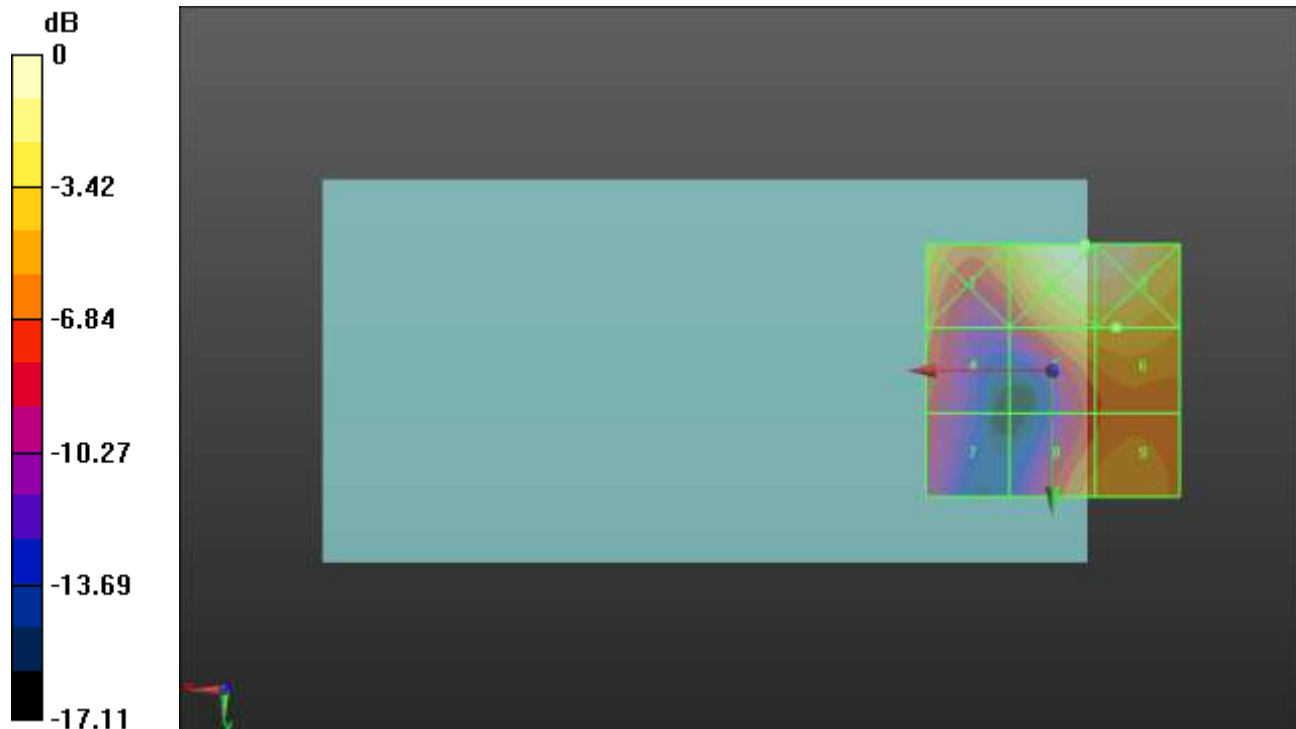
Applied MIF = -1.44 dB

RF audio interference level = 22.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.27 dBV/m	Grid 2 M4 25.51 dBV/m	Grid 3 M4 25.44 dBV/m
Grid 4 M4 19.36 dBV/m	Grid 5 M4 21.98 dBV/m	Grid 6 M4 22.21 dBV/m
Grid 7 M4 17.37 dBV/m	Grid 8 M4 20.31 dBV/m	Grid 9 M4 20.92 dBV/m



0 dB = 18.85 V/m = 25.51 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.217 V/m; Power Drift = 0.01 dB

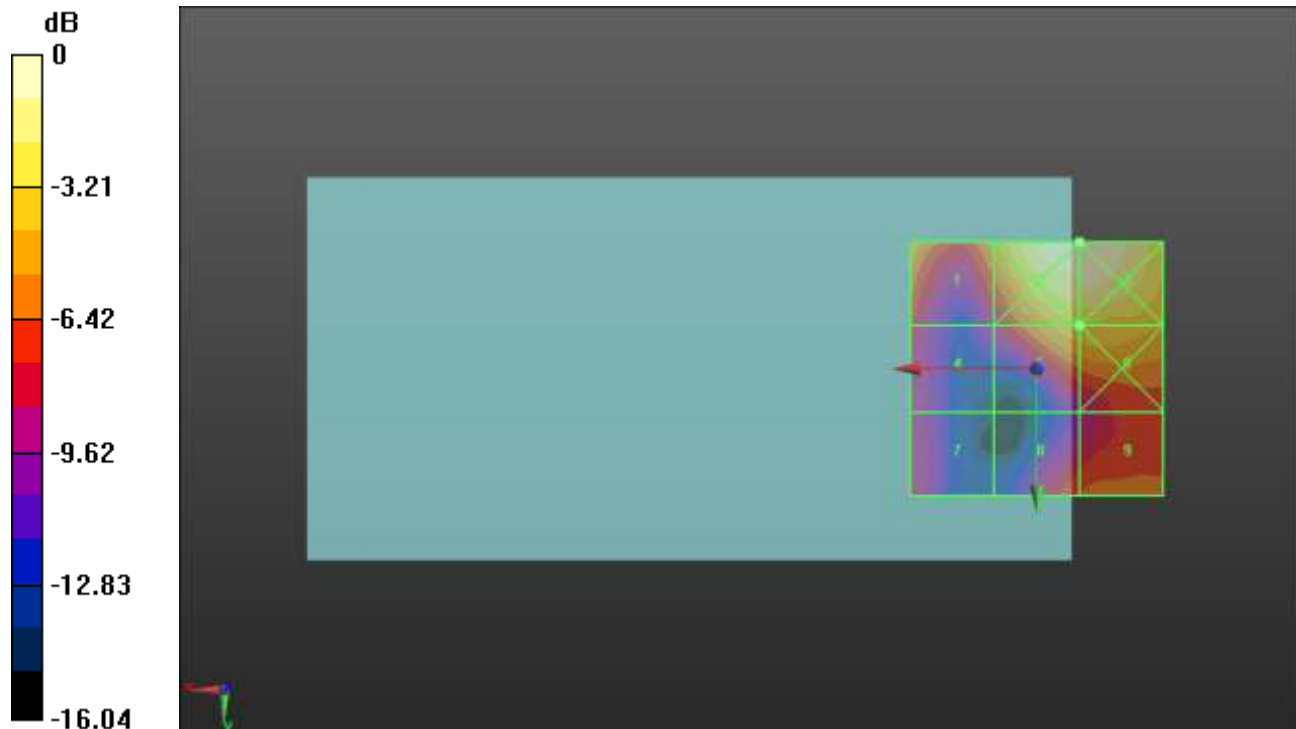
Applied MIF = -1.44 dB

RF audio interference level = 21.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.09 dBV/m	Grid 2 M4 25.03 dBV/m	Grid 3 M4 25.03 dBV/m
Grid 4 M4 17.71 dBV/m	Grid 5 M4 21.78 dBV/m	Grid 6 M4 21.86 dBV/m
Grid 7 M4 16.69 dBV/m	Grid 8 M4 18.73 dBV/m	Grid 9 M4 19.1 dBV/m



0 dB = 17.83 V/m = 25.02 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 = 8.716 V/m; Power Drift = -0.04 dB

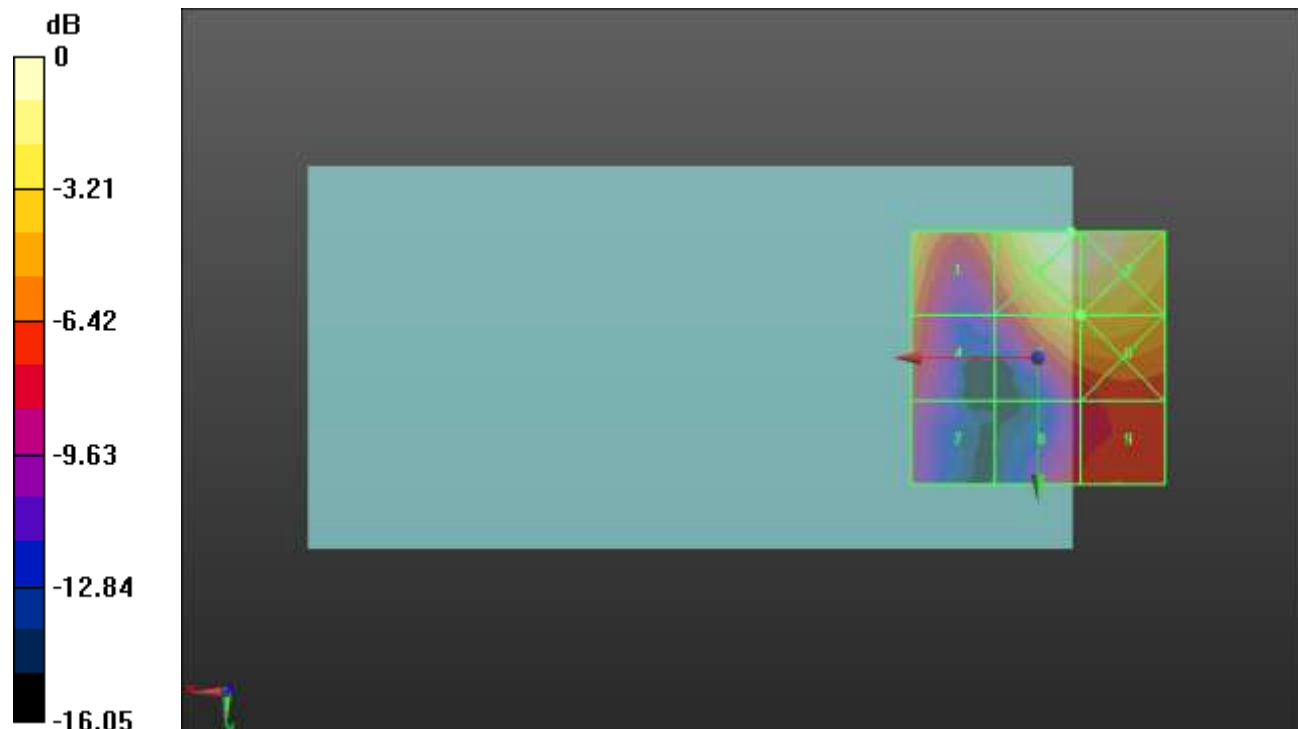
Applied MIF = -1.44 dB

RF audio interference level = 20.96 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.86 dBV/m	Grid 2 M4 24.03 dBV/m	Grid 3 M4 23.97 dBV/m
Grid 4 M4 18 dBV/m	Grid 5 M4 20.96 dBV/m	Grid 6 M4 21.1 dBV/m
Grid 7 M4 15.89 dBV/m	Grid 8 M4 16.78 dBV/m	Grid 9 M4 17.72 dBV/m



0 dB = 15.90 V/m = 24.03 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.376 V/m; Power Drift = -0.18 dB

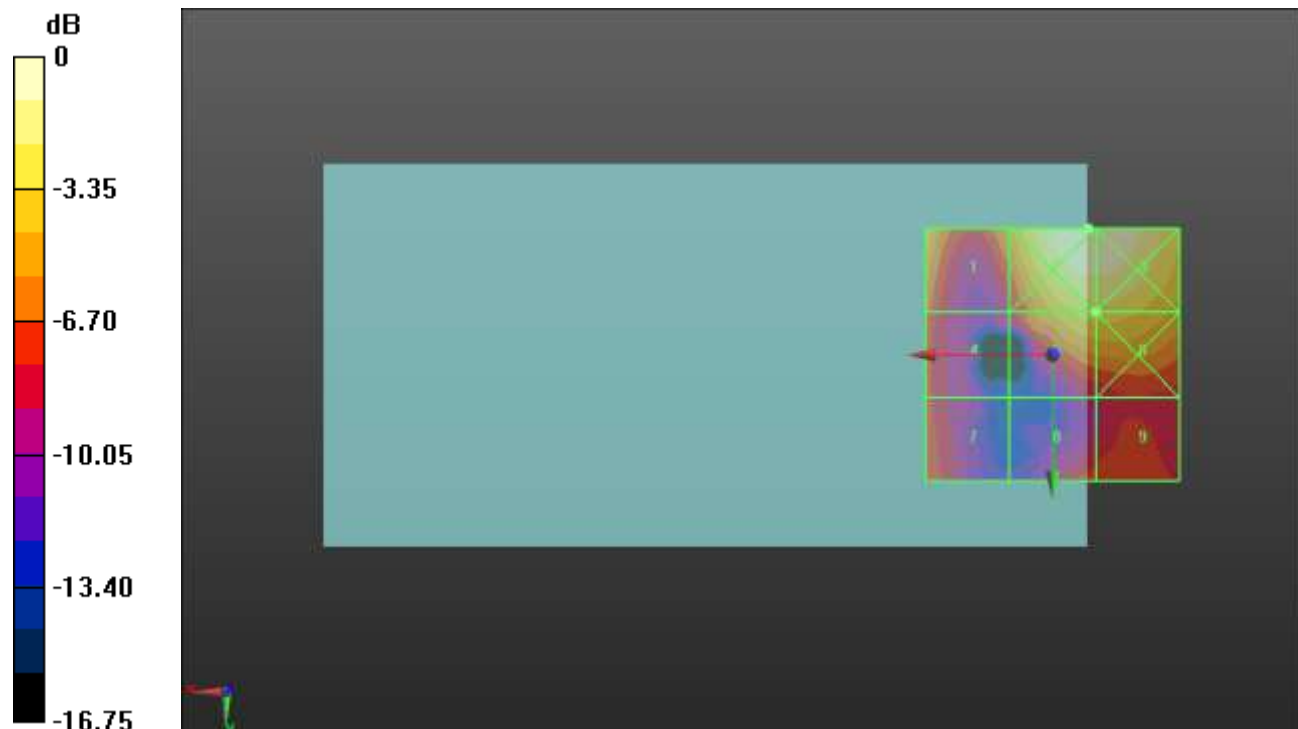
Applied MIF = -1.44 dB

RF audio interference level = 19.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.24 dBV/m	Grid 2 M4 22.61 dBV/m	Grid 3 M4 22.58 dBV/m
Grid 4 M4 16.32 dBV/m	Grid 5 M4 19.89 dBV/m	Grid 6 M4 19.95 dBV/m
Grid 7 M4 16.17 dBV/m	Grid 8 M4 15.61 dBV/m	Grid 9 M4 15.95 dBV/m



0 dB = 13.51 V/m = 22.61 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 = 67.30 V/m; Power Drift = -0.04 dB

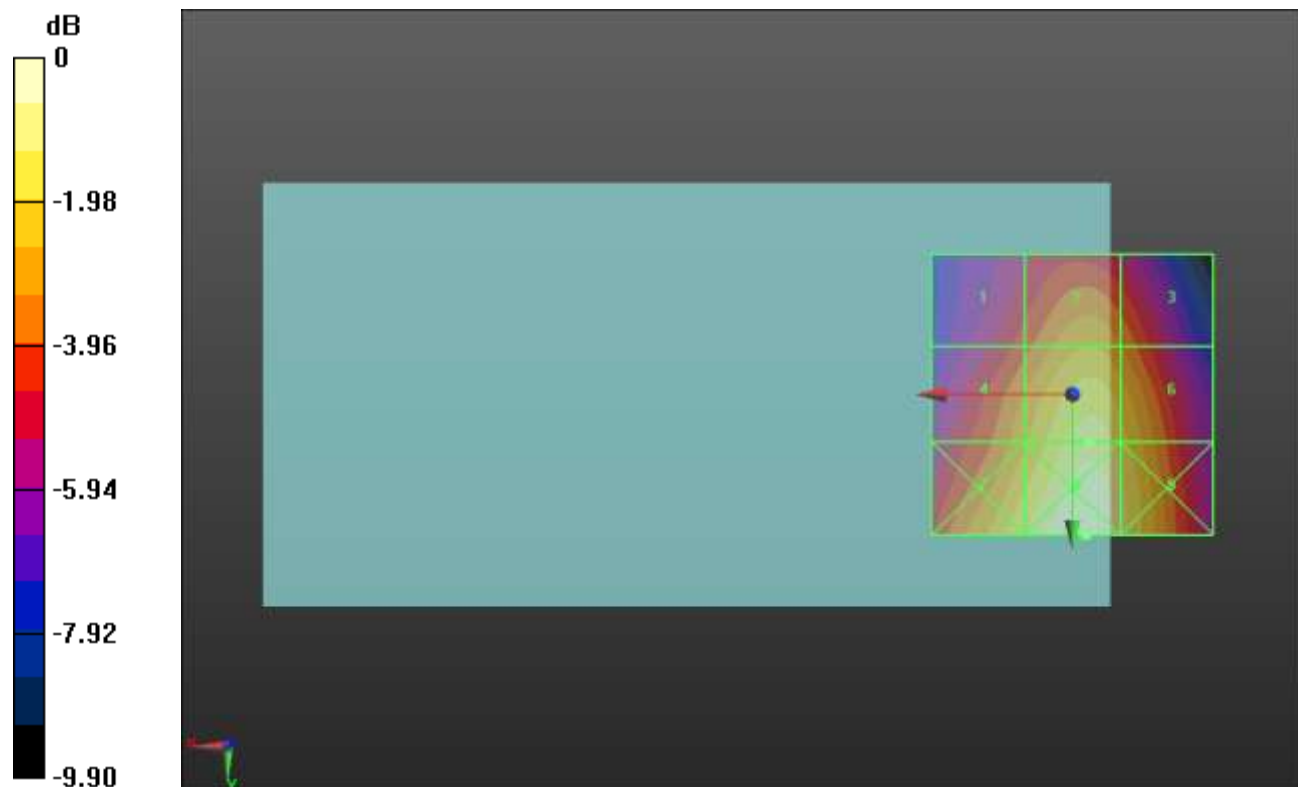
Applied MIF = 3.63 dB

RF audio interference level = 37.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.32 dBV/m	Grid 2 M4 35.87 dBV/m	Grid 3 M4 35.27 dBV/m
Grid 4 M4 35.78 dBV/m	Grid 5 M4 37.56 dBV/m	Grid 6 M4 36.86 dBV/m
Grid 7 M4 37.16 dBV/m	Grid 8 M4 38.49 dBV/m	Grid 9 M4 37.54 dBV/m



0 dB = 84.06 V/m = 38.49 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 = 65.62 V/m; Power Drift = 0.03 dB

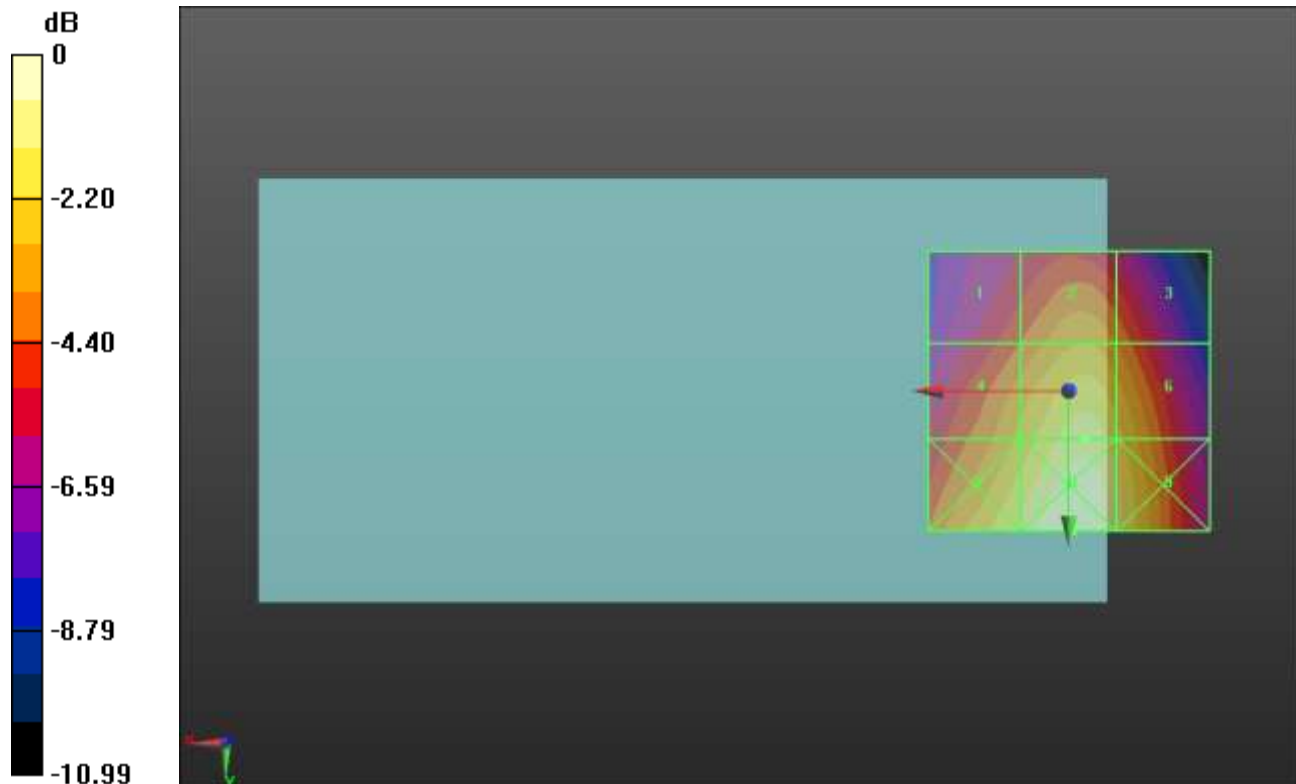
Applied MIF = 3.63 dB

RF audio interference level = 37.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.07 dBV/m	Grid 2 M4 35.51 dBV/m	Grid 3 M4 34.73 dBV/m
Grid 4 M4 35.74 dBV/m	Grid 5 M4 37.38 dBV/m	Grid 6 M4 36.52 dBV/m
Grid 7 M4 37.23 dBV/m	Grid 8 M4 38.42 dBV/m	Grid 9 M4 37.26 dBV/m



0 dB = 83.34 V/m = 38.42 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 = 60.37 V/m; Power Drift = -0.09 dB

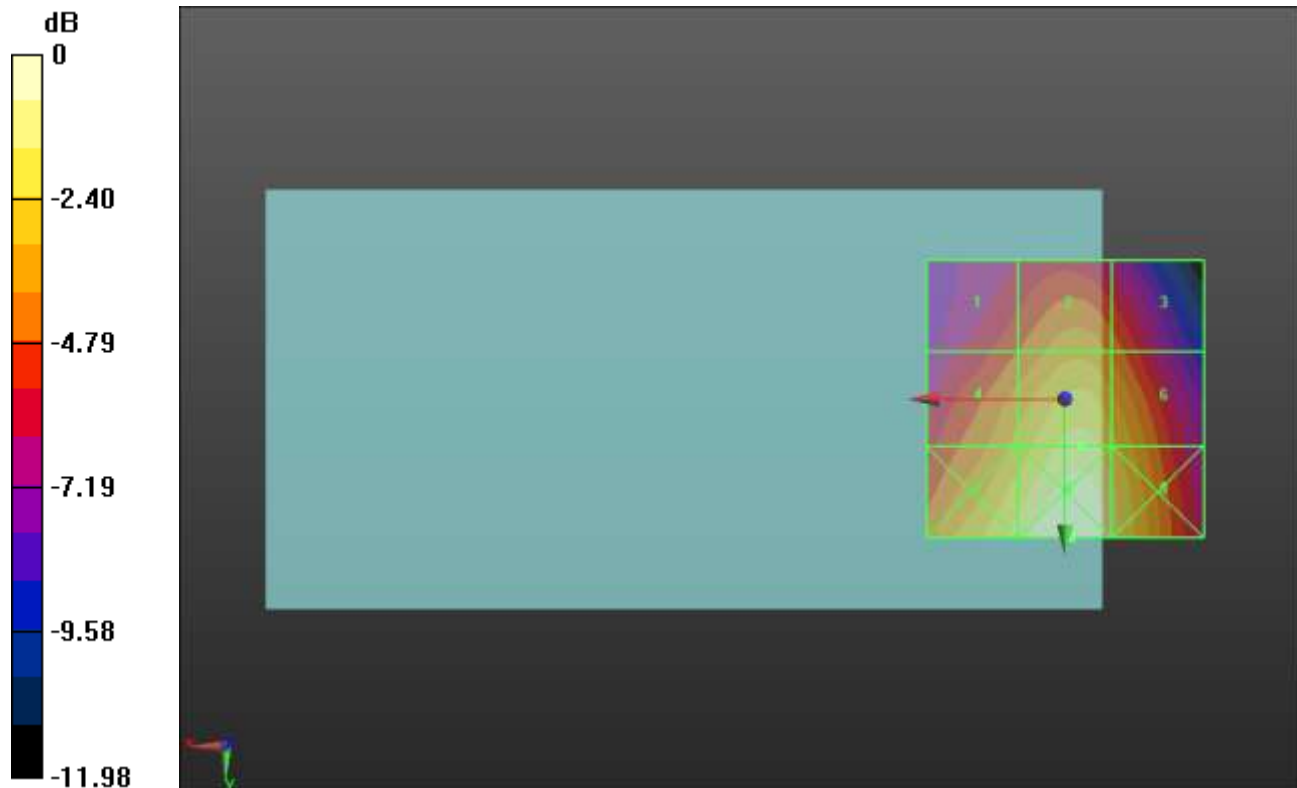
Applied MIF = 3.63 dB

RF audio interference level = 36.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.17 dBV/m	Grid 2 M4 34.57 dBV/m	Grid 3 M4 33.74 dBV/m
Grid 4 M4 35.04 dBV/m	Grid 5 M4 36.7 dBV/m	Grid 6 M4 35.82 dBV/m
Grid 7 M4 36.74 dBV/m	Grid 8 M4 37.94 dBV/m	Grid 9 M4 36.77 dBV/m



0 dB = 78.85 V/m = 37.94 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 = 27.73 V/m; Power Drift = 0.03 dB

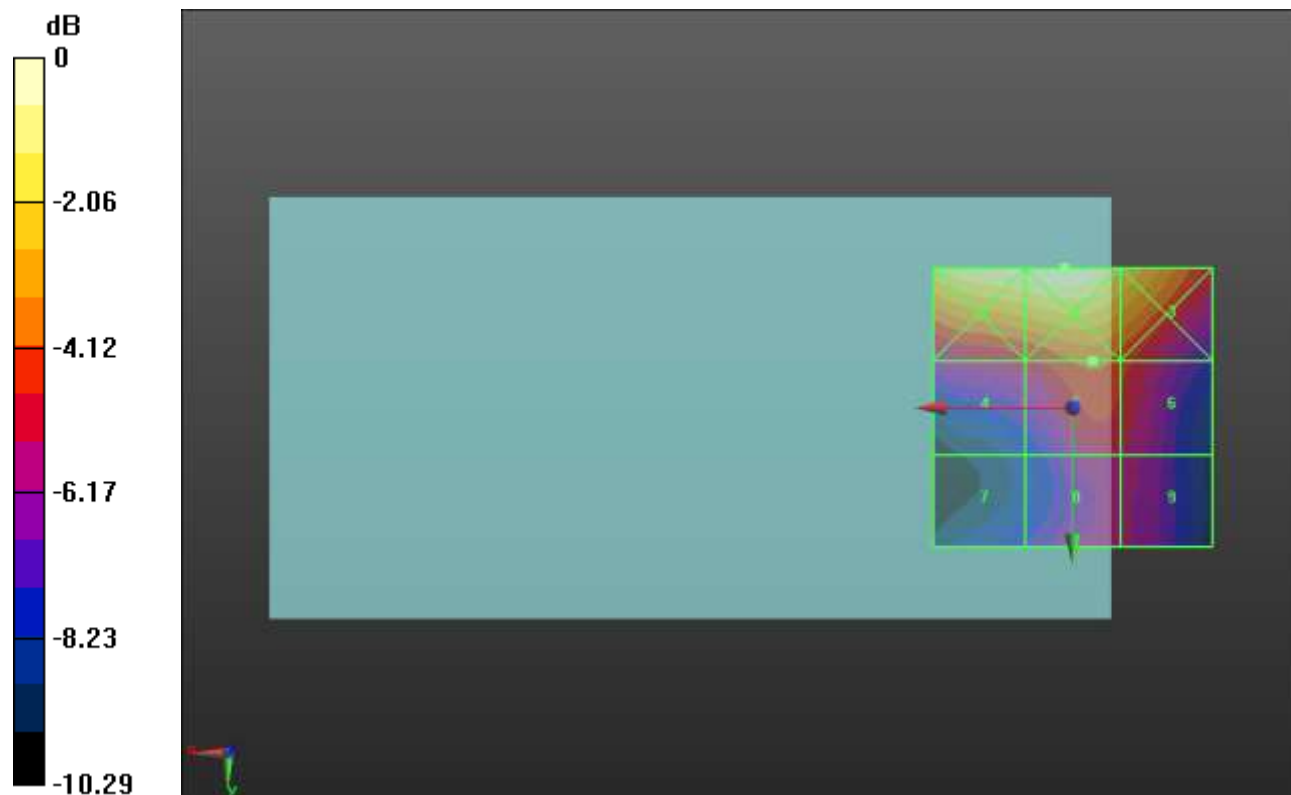
Applied MIF = 3.63 dB

RF audio interference level = 29.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.63 dBV/m	Grid 2 M3 33.8 dBV/m	Grid 3 M3 32.62 dBV/m
Grid 4 M4 28.78 dBV/m	Grid 5 M4 29.91 dBV/m	Grid 6 M4 29.43 dBV/m
Grid 7 M4 26.44 dBV/m	Grid 8 M4 28.29 dBV/m	Grid 9 M4 28.18 dBV/m



0 dB = 48.97 V/m = 33.80 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 = 28.70 V/m; Power Drift = -0.05 dB

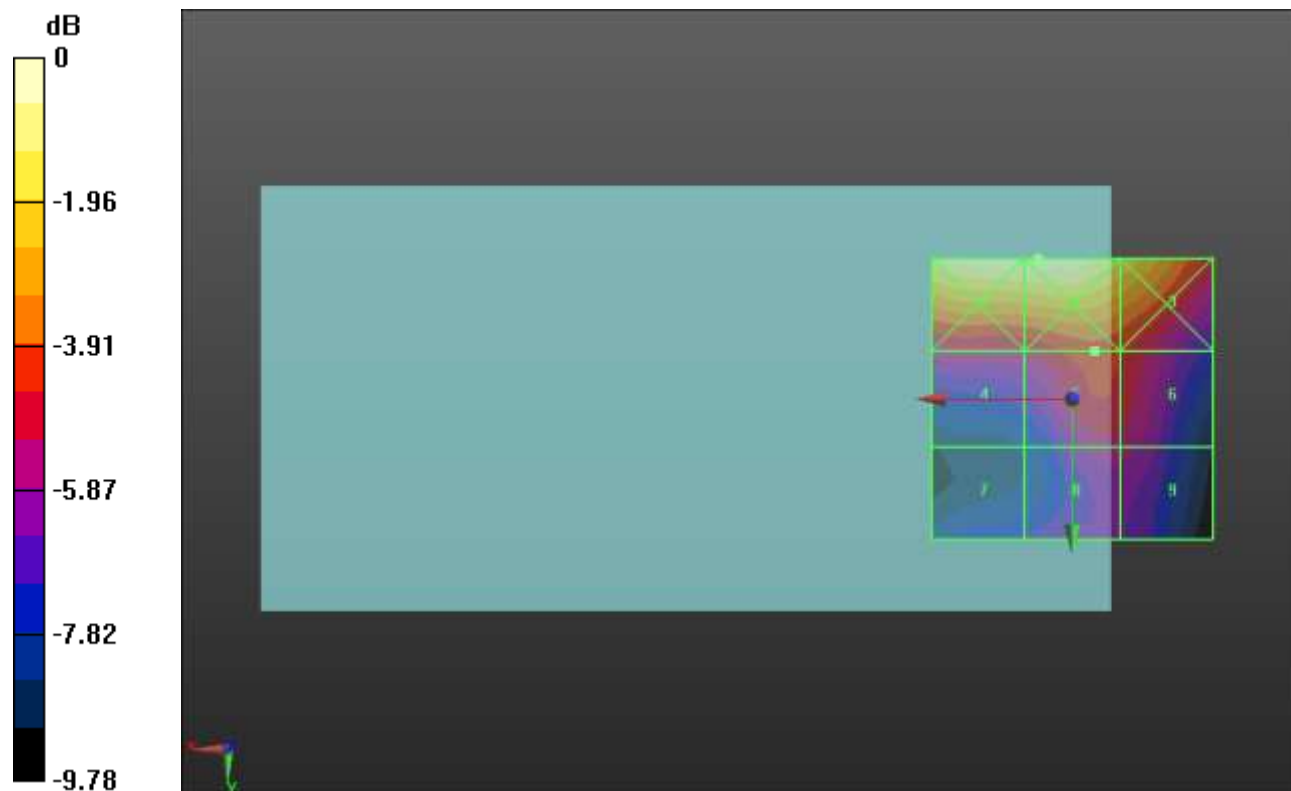
Applied MIF = 3.63 dB

RF audio interference level = 29.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.88 dBV/m	Grid 2 M3 33.92 dBV/m	Grid 3 M3 32.68 dBV/m
Grid 4 M4 28.77 dBV/m	Grid 5 M4 29.79 dBV/m	Grid 6 M4 29.54 dBV/m
Grid 7 M4 26.97 dBV/m	Grid 8 M4 28.47 dBV/m	Grid 9 M4 28.38 dBV/m



0 dB = 49.67 V/m = 33.92 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 = 29.30 V/m; Power Drift = -0.03 dB

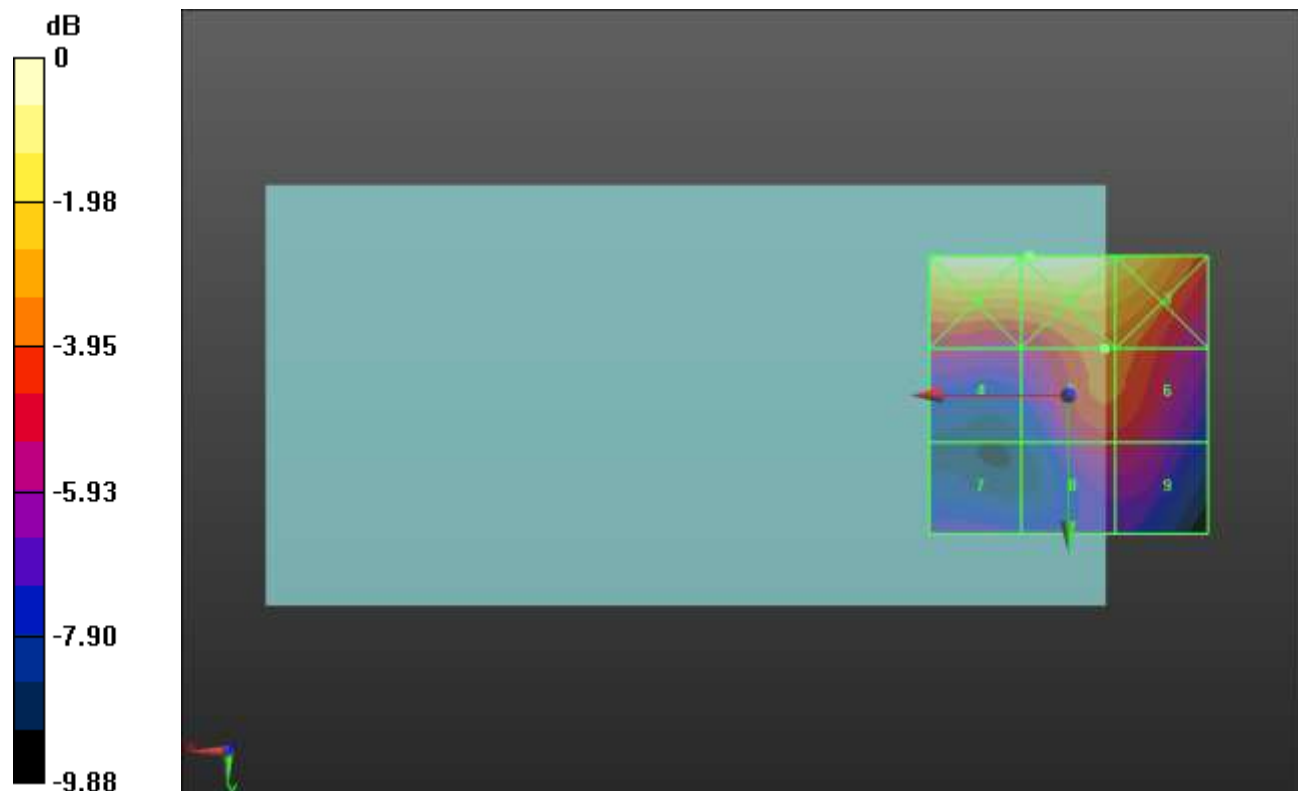
Applied MIF = 3.63 dB

RF audio interference level = 30.06 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.6 dBV/m	Grid 2 M3 33.6 dBV/m	Grid 3 M3 32.65 dBV/m
Grid 4 M4 28.3 dBV/m	Grid 5 M3 30.06 dBV/m	Grid 6 M3 30.01 dBV/m
Grid 7 M4 27.08 dBV/m	Grid 8 M4 28.7 dBV/m	Grid 9 M4 28.66 dBV/m



0 dB = 47.88 V/m = 33.60 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 46.57 V/m; Power Drift = -0.12 dB

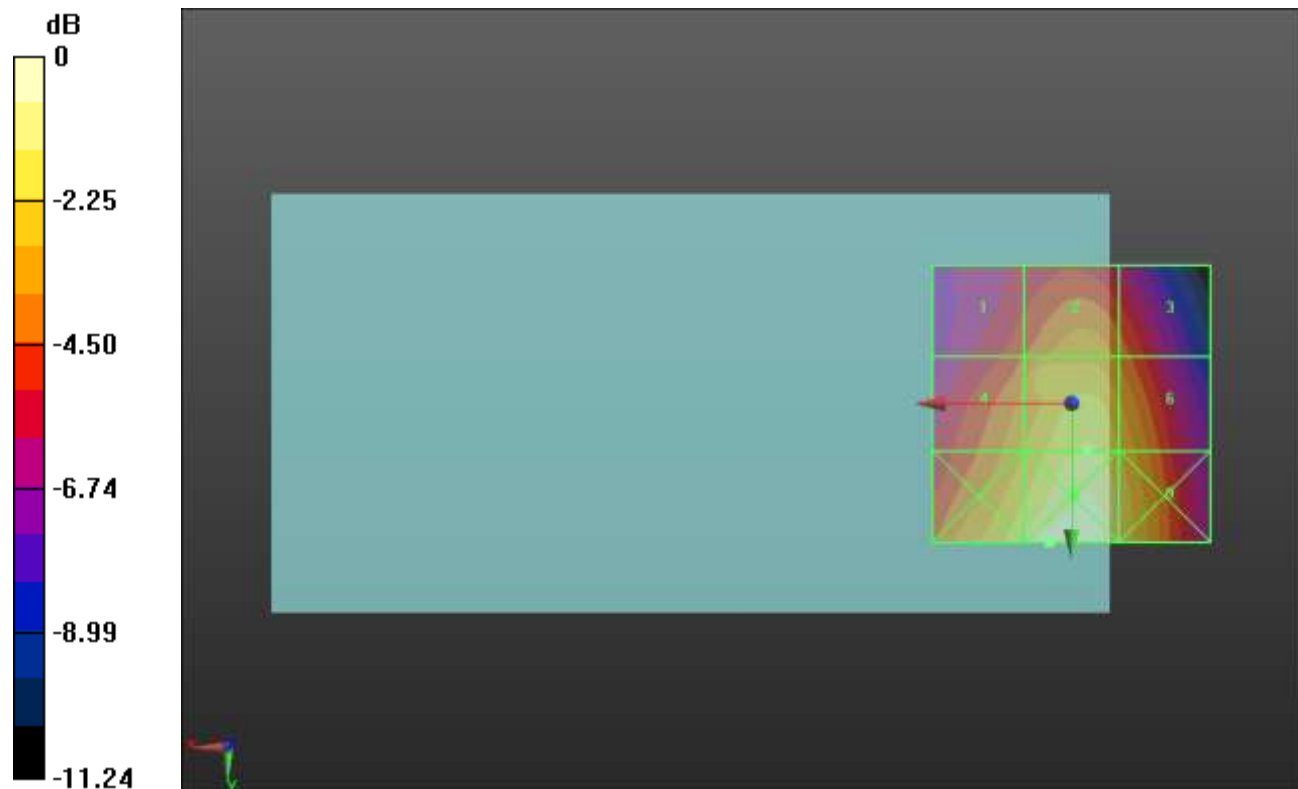
Applied MIF = 3.26 dB

RF audio interference level = 33.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.74 dBV/m	Grid 2 M4 32.05 dBV/m	Grid 3 M4 31.28 dBV/m
Grid 4 M4 32.22 dBV/m	Grid 5 M4 33.82 dBV/m	Grid 6 M4 33 dBV/m
Grid 7 M4 33.81 dBV/m	Grid 8 M4 35.18 dBV/m	Grid 9 M4 33.7 dBV/m



0 dB = 57.40 V/m = 35.18 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 = 42.61 V/m; Power Drift = -0.02 dB

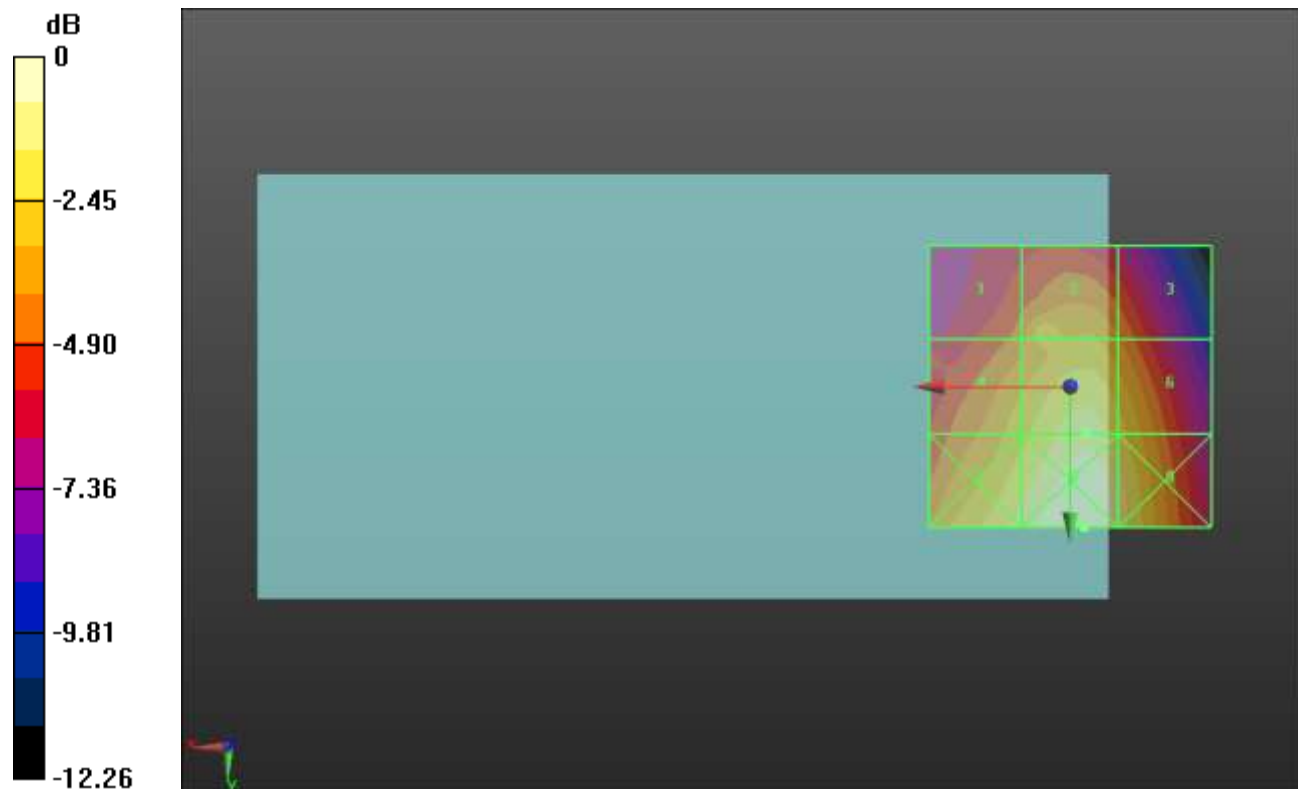
Applied MIF = 3.26 dB

RF audio interference level = 33.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.04 dBV/m	Grid 2 M4 31.41 dBV/m	Grid 3 M4 30.31 dBV/m
Grid 4 M4 31.61 dBV/m	Grid 5 M4 33.2 dBV/m	Grid 6 M4 32.28 dBV/m
Grid 7 M4 33.11 dBV/m	Grid 8 M4 34.29 dBV/m	Grid 9 M4 33.17 dBV/m



0 dB = 51.85 V/m = 34.29 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 = 38.32 V/m; Power Drift = 0.02 dB

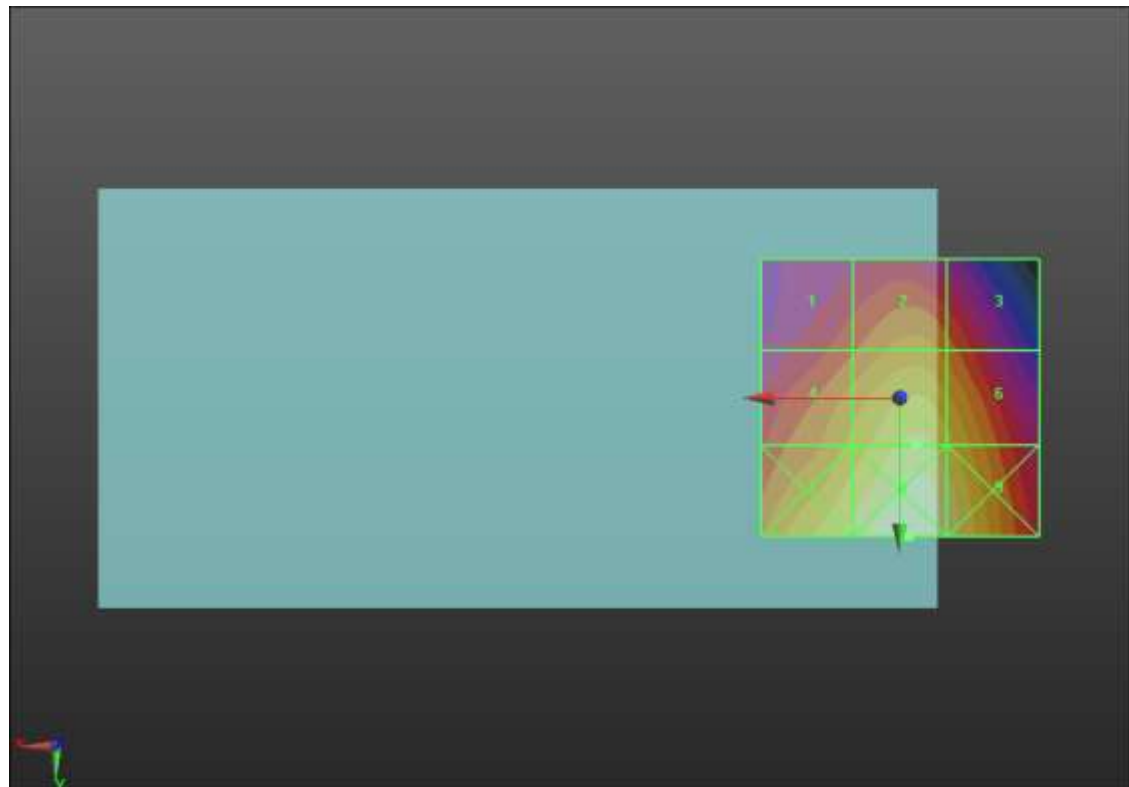
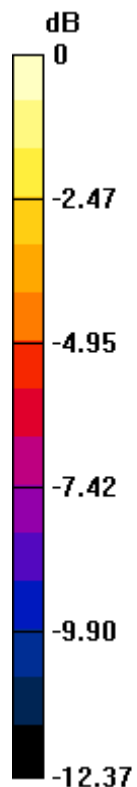
Applied MIF = 3.26 dB

RF audio interference level = 32.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.83 dBV/m	Grid 2 M4 30.16 dBV/m	Grid 3 M4 29.41 dBV/m
Grid 4 M4 30.85 dBV/m	Grid 5 M4 32.47 dBV/m	Grid 6 M4 31.69 dBV/m
Grid 7 M4 32.58 dBV/m	Grid 8 M4 33.85 dBV/m	Grid 9 M4 32.8 dBV/m



0 dB = 49.27 V/m = 33.85 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 = 25.72 V/m; Power Drift = -0.01 dB

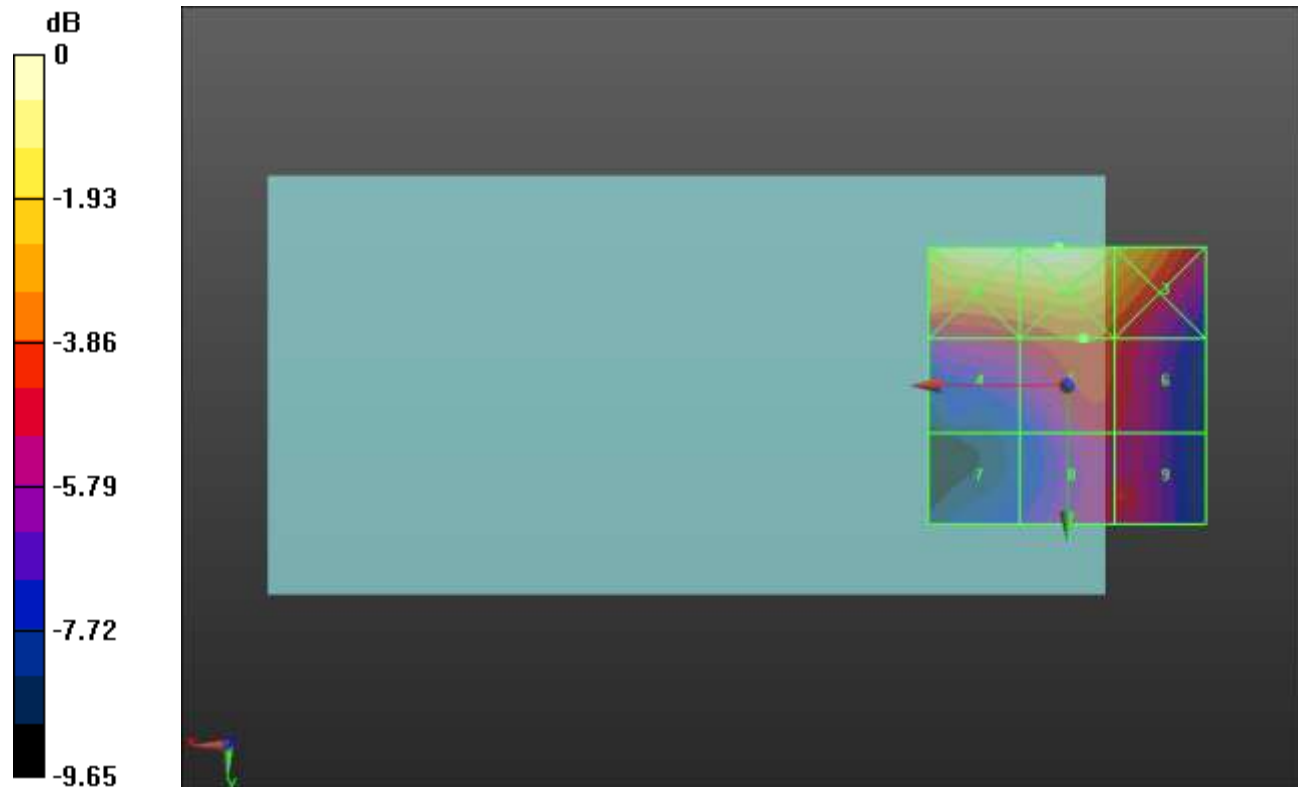
Applied MIF = 3.26 dB

RF audio interference level = 28.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 32.45 dBV/m	Grid 2 M3 32.49 dBV/m	Grid 3 M3 31.13 dBV/m
Grid 4 M4 27.9 dBV/m	Grid 5 M4 28.76 dBV/m	Grid 6 M4 28.28 dBV/m
Grid 7 M4 25.61 dBV/m	Grid 8 M4 27.9 dBV/m	Grid 9 M4 28.06 dBV/m



0 dB = 42.14 V/m = 32.49 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 = 25.13 V/m; Power Drift = -0.07 dB

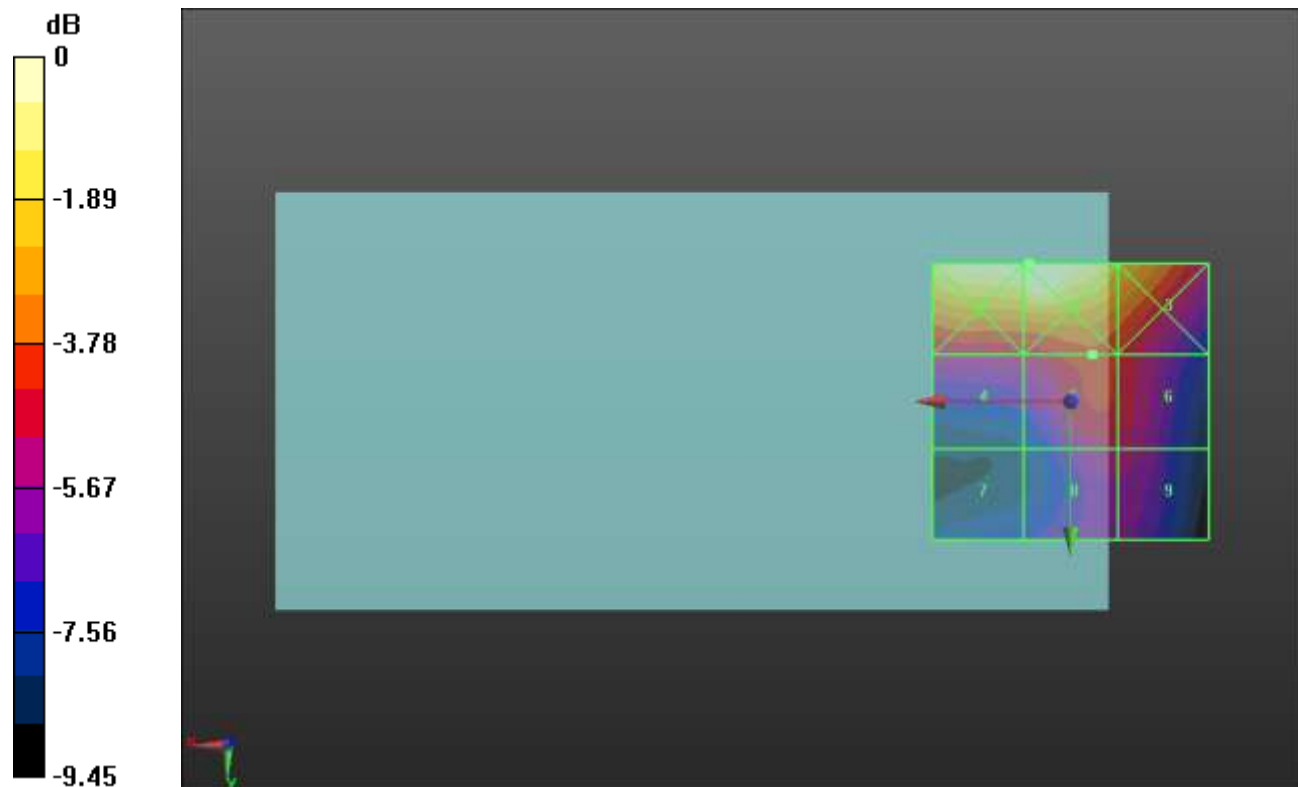
Applied MIF = 3.26 dB

RF audio interference level = 28.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.28 dBV/m	Grid 2 M3 32.29 dBV/m	Grid 3 M3 30.67 dBV/m
Grid 4 M4 27.42 dBV/m	Grid 5 M4 28.35 dBV/m	Grid 6 M4 27.96 dBV/m
Grid 7 M4 25.34 dBV/m	Grid 8 M4 27.16 dBV/m	Grid 9 M4 27.12 dBV/m



0 dB = 41.15 V/m = 32.29 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 = 26.06 V/m; Power Drift = -0.03 dB

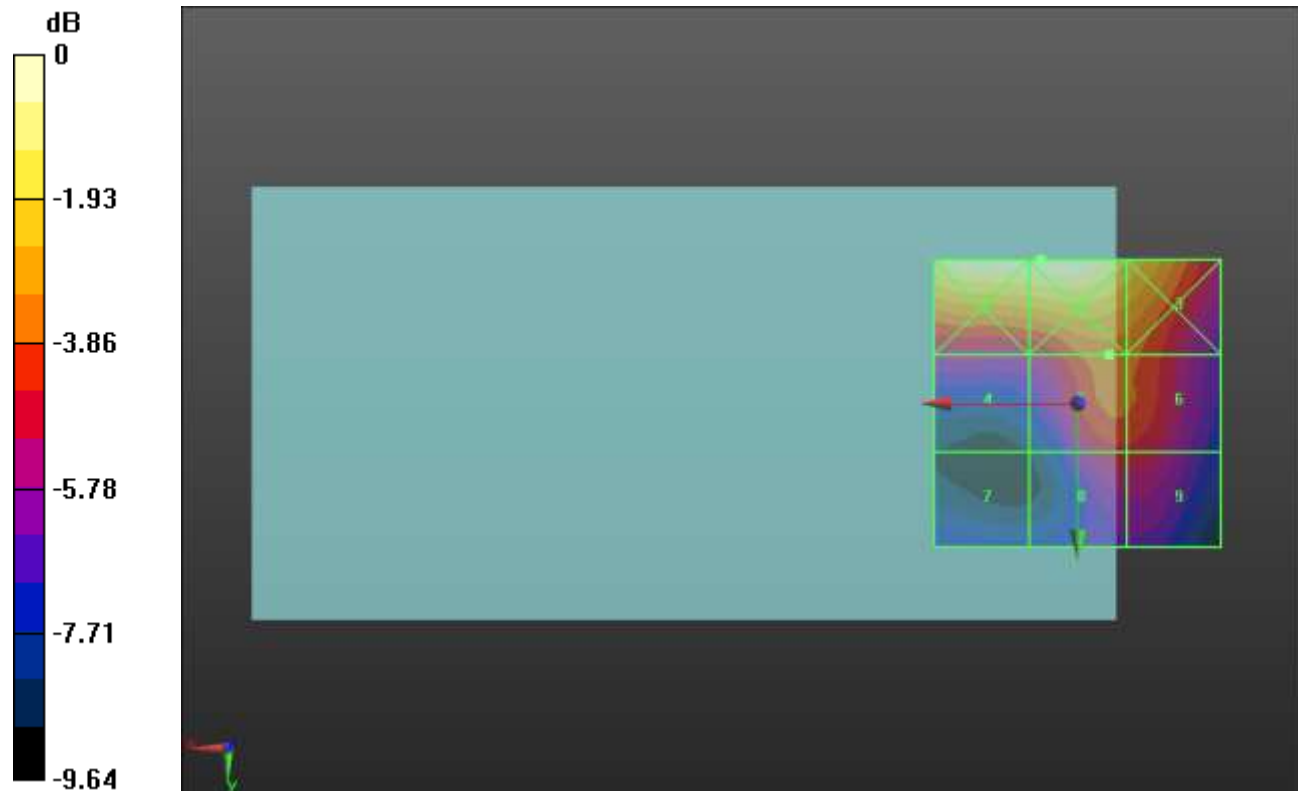
Applied MIF = 3.26 dB

RF audio interference level = 28.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 32.12 dBV/m	Grid 2 M3 32.14 dBV/m	Grid 3 M3 30.84 dBV/m
Grid 4 M4 26.9 dBV/m	Grid 5 M4 28.7 dBV/m	Grid 6 M4 28.57 dBV/m
Grid 7 M4 25.23 dBV/m	Grid 8 M4 27.48 dBV/m	Grid 9 M4 27.47 dBV/m



0 dB = 40.47 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: 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 = 45.22 V/m; Power Drift = -0.10 dB

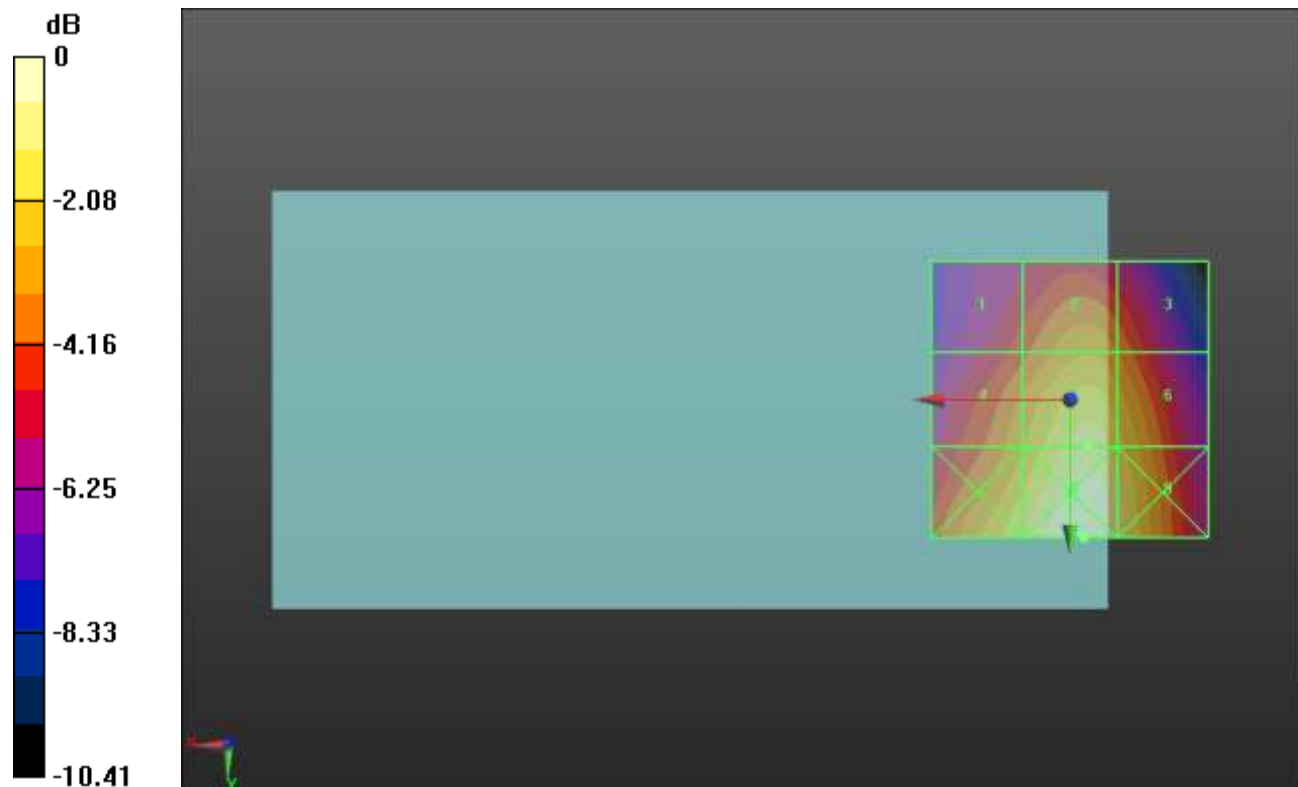
Applied MIF = 3.26 dB

RF audio interference level = 33.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.33 dBV/m	Grid 2 M4 31.88 dBV/m	Grid 3 M4 31.23 dBV/m
Grid 4 M4 31.89 dBV/m	Grid 5 M4 33.66 dBV/m	Grid 6 M4 32.91 dBV/m
Grid 7 M4 33.35 dBV/m	Grid 8 M4 34.68 dBV/m	Grid 9 M4 33.68 dBV/m



0 dB = 54.18 V/m = 34.68 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 45.54 V/m; Power Drift = -0.09 dB

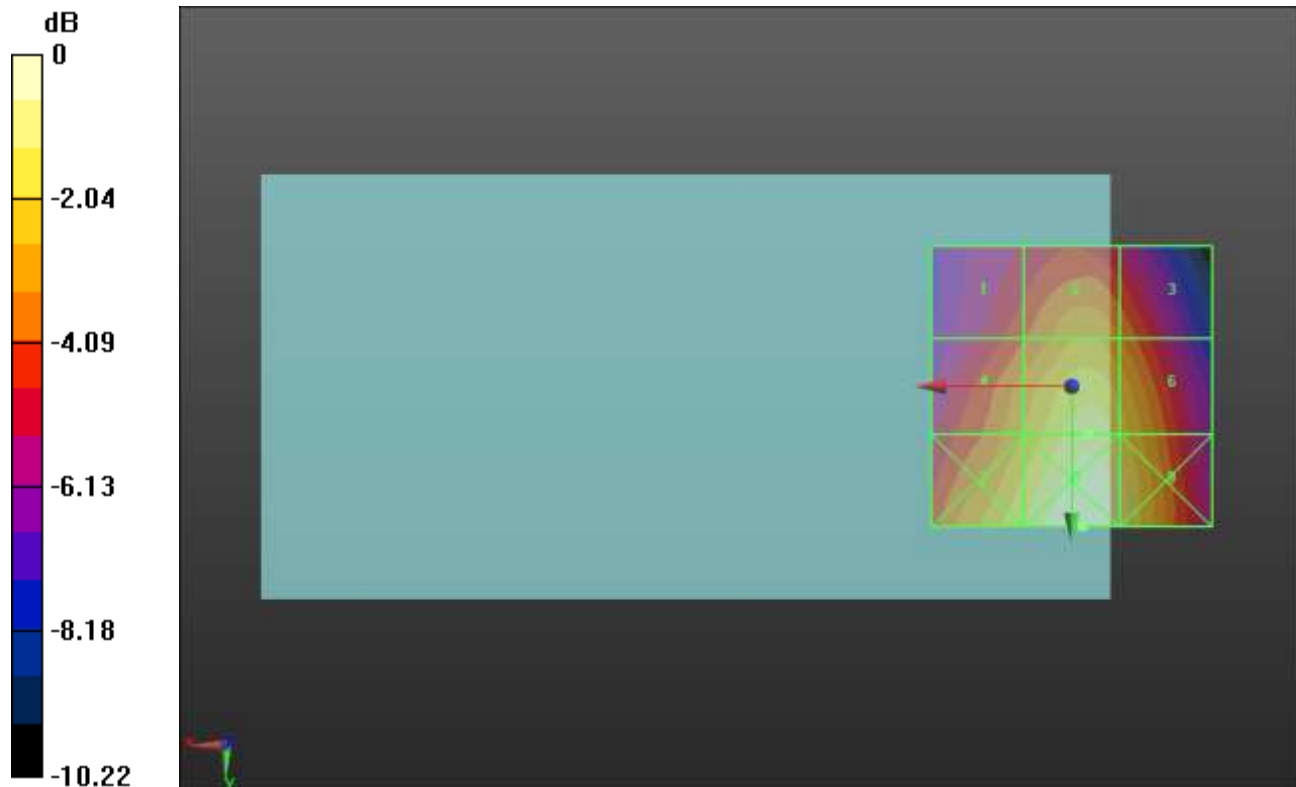
Applied MIF = 3.26 dB

RF audio interference level = 33.74 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.56 dBV/m	Grid 2 M4 31.99 dBV/m	Grid 3 M4 31.34 dBV/m
Grid 4 M4 32.03 dBV/m	Grid 5 M4 33.74 dBV/m	Grid 6 M4 33.01 dBV/m
Grid 7 M4 33.39 dBV/m	Grid 8 M4 34.66 dBV/m	Grid 9 M4 33.67 dBV/m



0 dB = 54.06 V/m = 34.66 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 = 45.56 V/m; Power Drift = 0.03 dB

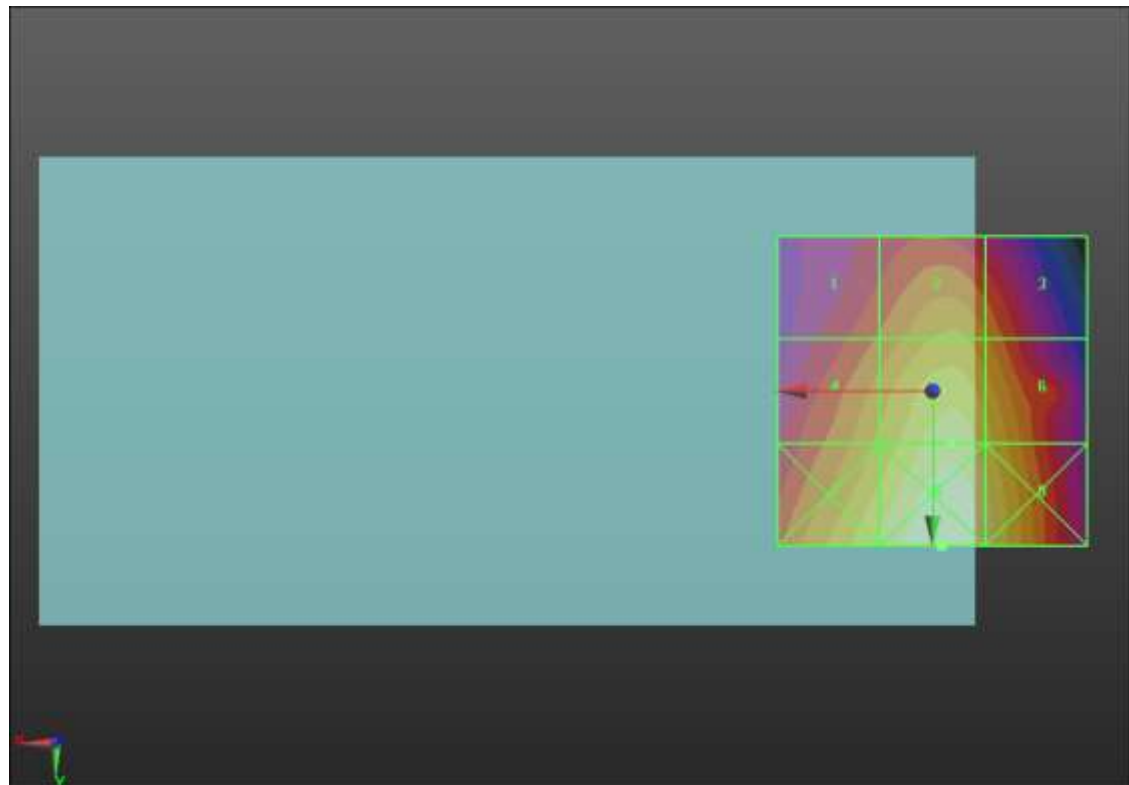
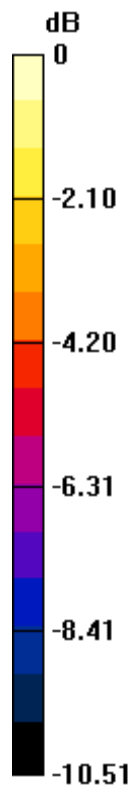
Applied MIF = 3.26 dB

RF audio interference level = 33.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.69 dBV/m	Grid 2 M4 32.14 dBV/m	Grid 3 M4 31.37 dBV/m
Grid 4 M4 32.17 dBV/m	Grid 5 M4 33.8 dBV/m	Grid 6 M4 32.97 dBV/m
Grid 7 M4 33.54 dBV/m	Grid 8 M4 34.75 dBV/m	Grid 9 M4 33.67 dBV/m



0 dB = 54.64 V/m = 34.75 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 39750/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 68.83 V/m; Power Drift = -0.10 dB

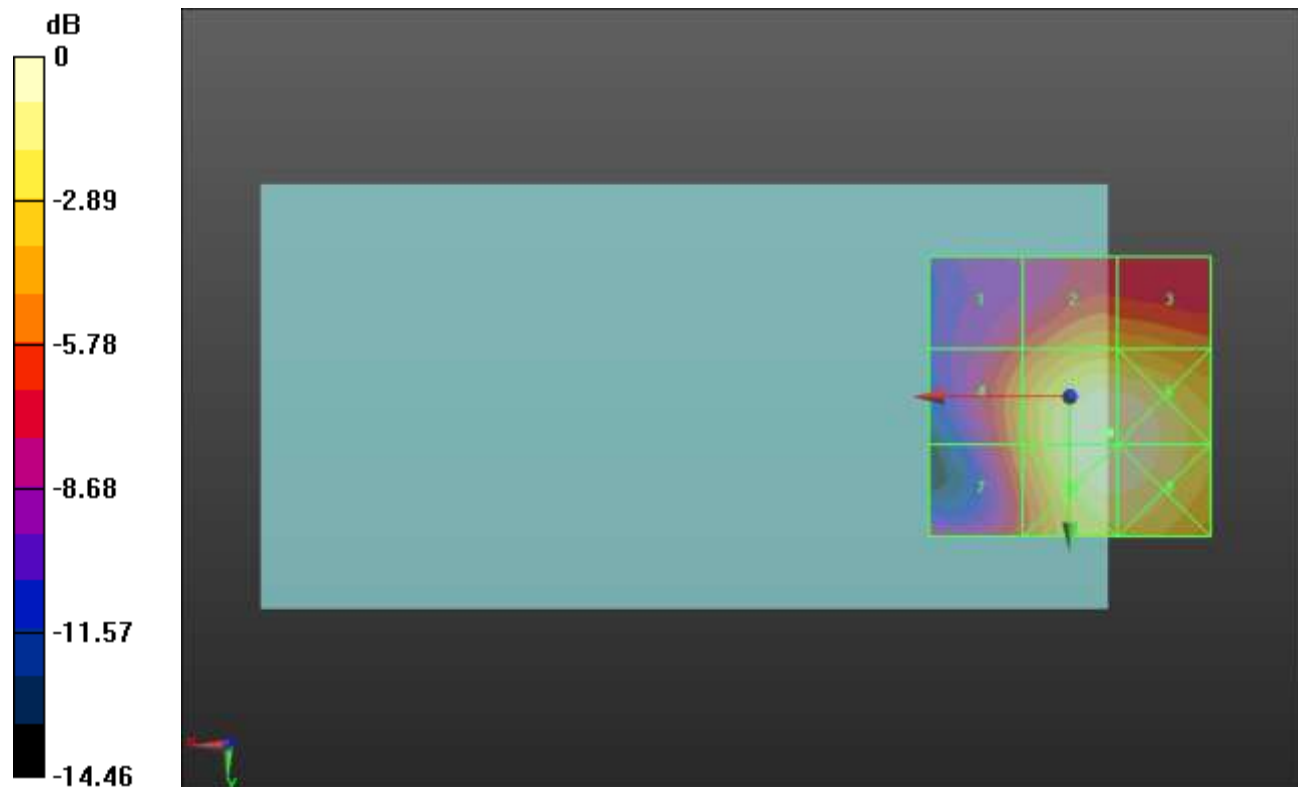
Applied MIF = -1.44 dB

RF audio interference level = 32.32 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 25.9 dBV/m	Grid 2 M4 28.74 dBV/m	Grid 3 M4 28.58 dBV/m
Grid 4 M4 28.15 dBV/m	Grid 5 M3 32.32 dBV/m	Grid 6 M3 32.28 dBV/m
Grid 7 M4 27.88 dBV/m	Grid 8 M3 32.27 dBV/m	Grid 9 M3 32.24 dBV/m



0 dB = 41.33 V/m = 32.33 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 = 60.66 V/m; Power Drift = 0.27 dB

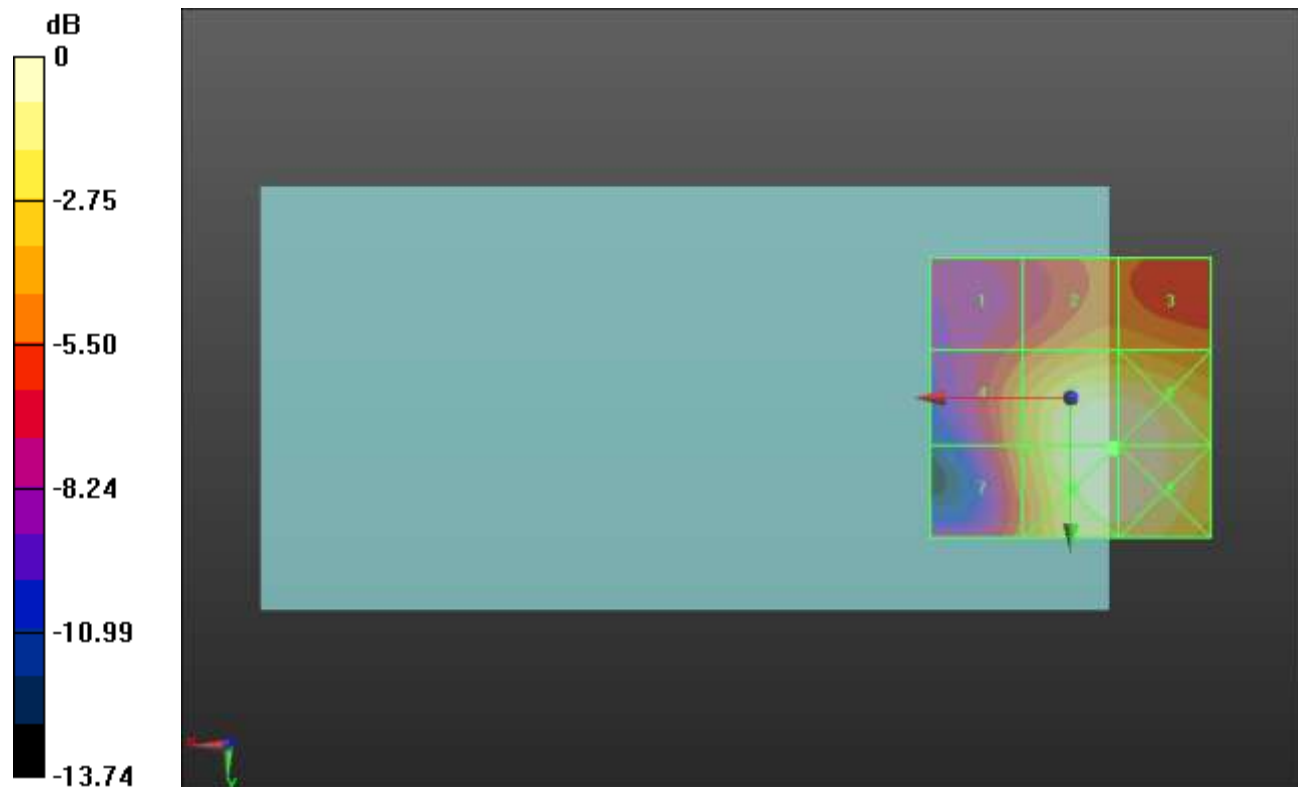
Applied MIF = -1.44 dB

RF audio interference level = 31.96 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.11 dBV/m	Grid 2 M4 28.38 dBV/m	Grid 3 M4 28.37 dBV/m
Grid 4 M4 28.24 dBV/m	Grid 5 M3 31.96 dBV/m	Grid 6 M3 31.95 dBV/m
Grid 7 M4 28.06 dBV/m	Grid 8 M3 31.96 dBV/m	Grid 9 M3 31.95 dBV/m



0 dB = 39.63 V/m = 31.96 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 = 50.16 V/m; Power Drift = 0.10 dB

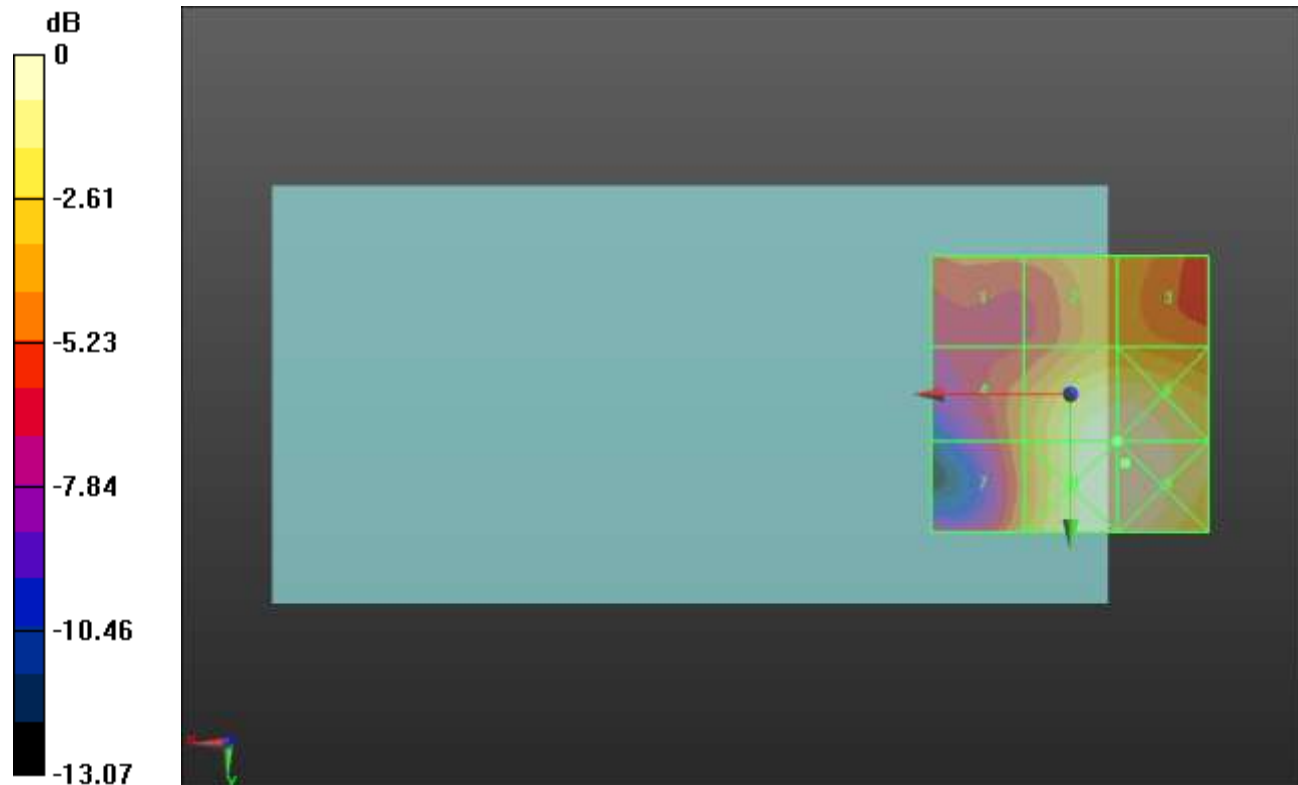
Applied MIF = -1.44 dB

RF audio interference level = 31.00 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.25 dBV/m	Grid 2 M4 27.75 dBV/m	Grid 3 M4 27.75 dBV/m
Grid 4 M4 27.03 dBV/m	Grid 5 M3 31 dBV/m	Grid 6 M3 31.01 dBV/m
Grid 7 M4 27.42 dBV/m	Grid 8 M3 31.13 dBV/m	Grid 9 M3 31.15 dBV/m



0 dB = 36.10 V/m = 31.15 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 = 35.54 V/m; Power Drift = -0.15 dB

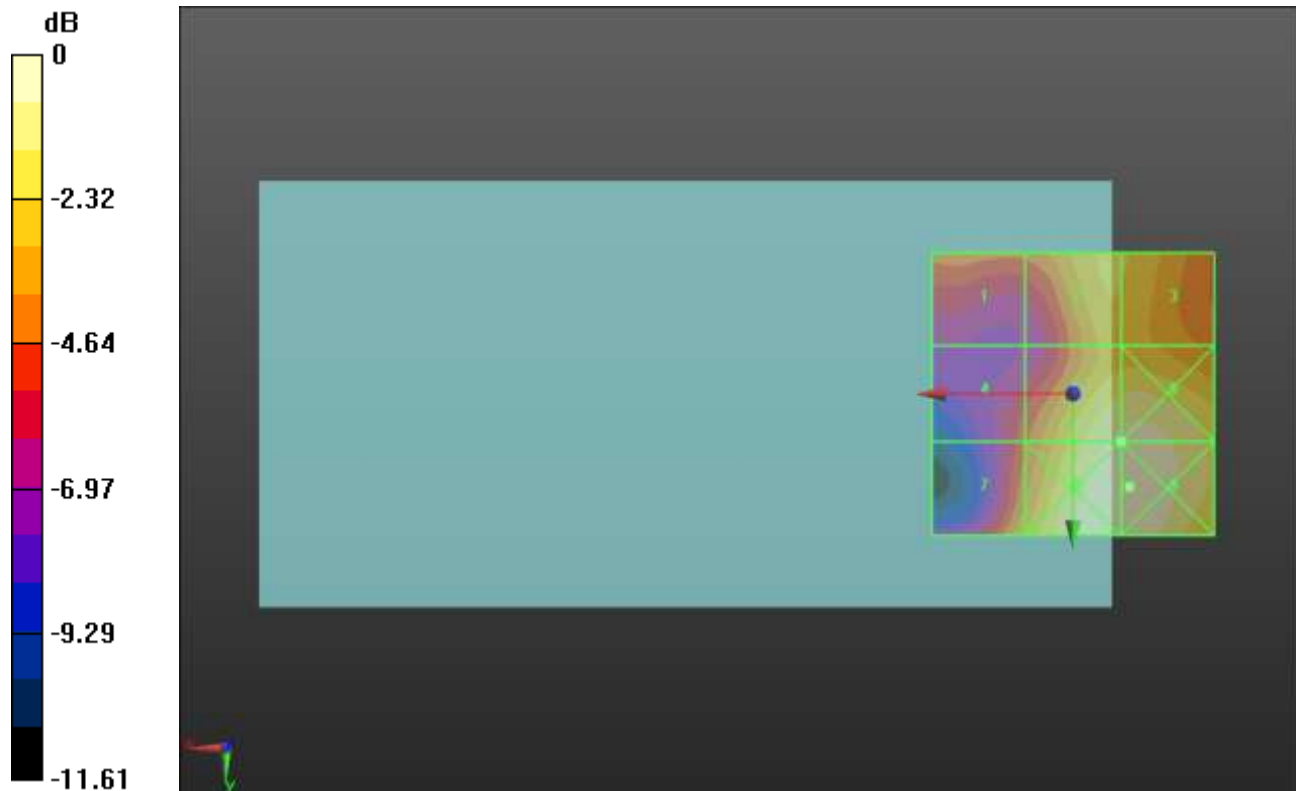
Applied MIF = -1.44 dB

RF audio interference level = 29.74 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.19 dBV/m	Grid 2 M4 28.08 dBV/m	Grid 3 M4 28.02 dBV/m
Grid 4 M4 25.44 dBV/m	Grid 5 M4 29.74 dBV/m	Grid 6 M4 29.86 dBV/m
Grid 7 M4 27.36 dBV/m	Grid 8 M3 30.22 dBV/m	Grid 9 M3 30.25 dBV/m



0 dB = 32.53 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: 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 = 29.95 V/m; Power Drift = 0.23 dB

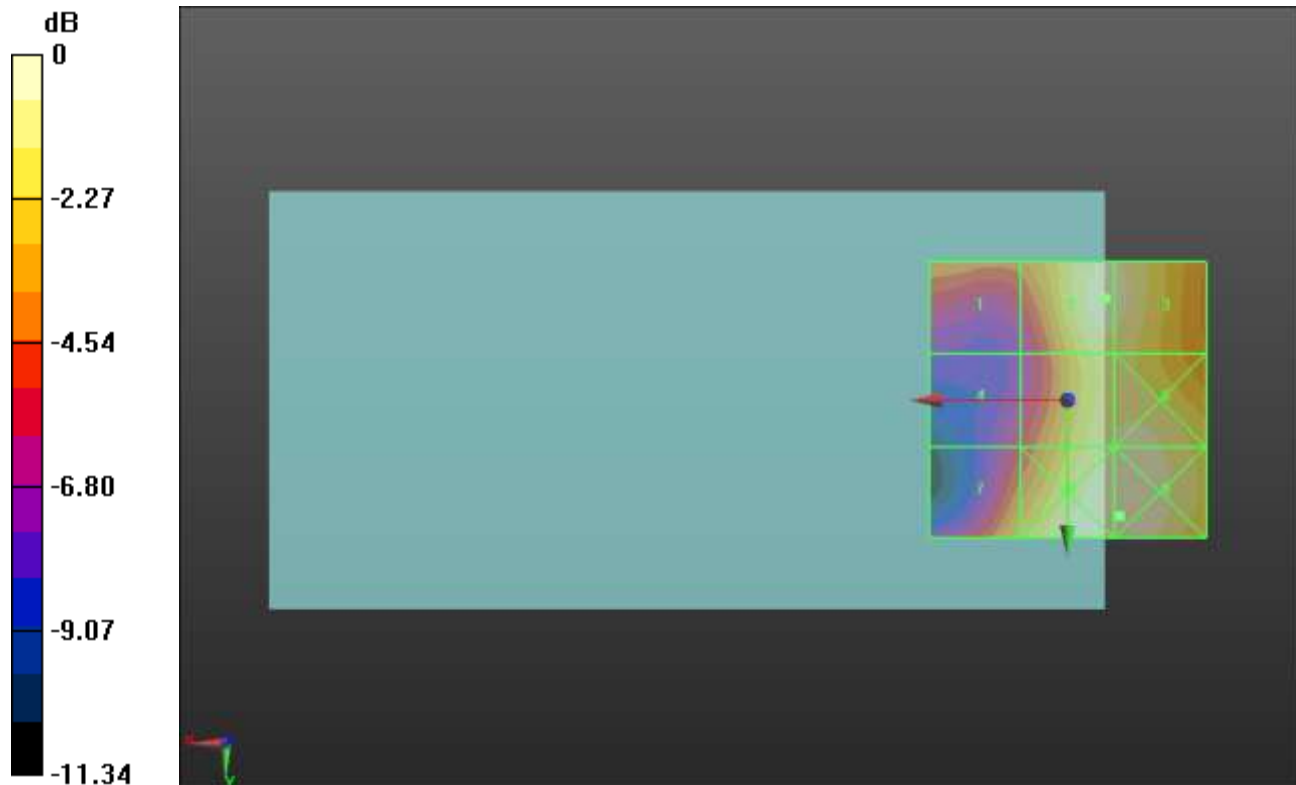
Applied MIF = -1.44 dB

RF audio interference level = 29.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.72 dBV/m	Grid 2 M4 29 dBV/m	Grid 3 M4 28.91 dBV/m
Grid 4 M4 23.96 dBV/m	Grid 5 M4 28.87 dBV/m	Grid 6 M4 29.01 dBV/m
Grid 7 M4 26.97 dBV/m	Grid 8 M4 29.41 dBV/m	Grid 9 M4 29.41 dBV/m



0 dB = 29.55 V/m = 29.41 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps_ch 2/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 71.80 V/m; Power Drift = -0.09 dB

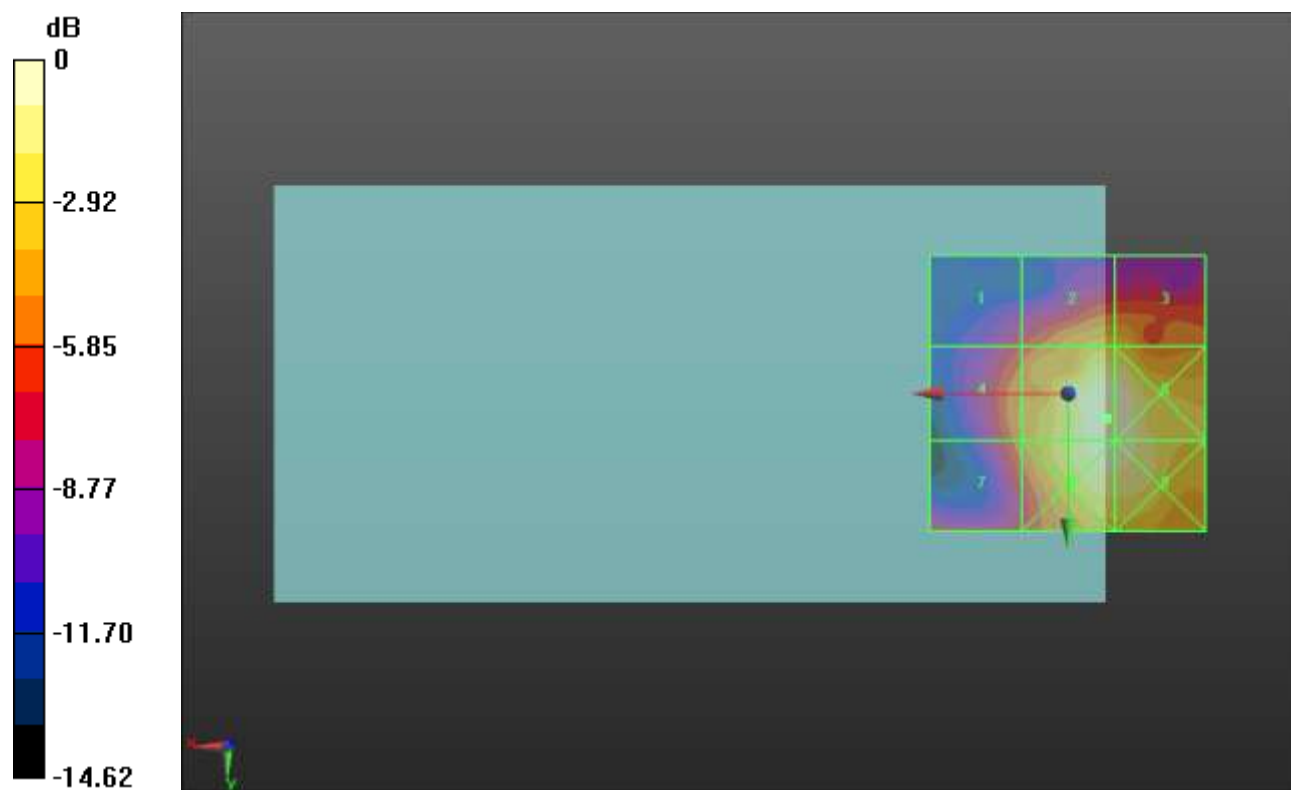
Applied MIF = -2.02 dB

RF audio interference level = 31.63 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 24.86 dBV/m	Grid 2 M4 28.62 dBV/m	Grid 3 M4 28.61 dBV/m
Grid 4 M4 27.01 dBV/m	Grid 5 M3 31.63 dBV/m	Grid 6 M3 31.56 dBV/m
Grid 7 M4 26.58 dBV/m	Grid 8 M3 31.43 dBV/m	Grid 9 M3 31.37 dBV/m



0 dB = 38.16 V/m = 31.63 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps_ch 6/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 65.39 V/m; Power Drift = -0.19 dB

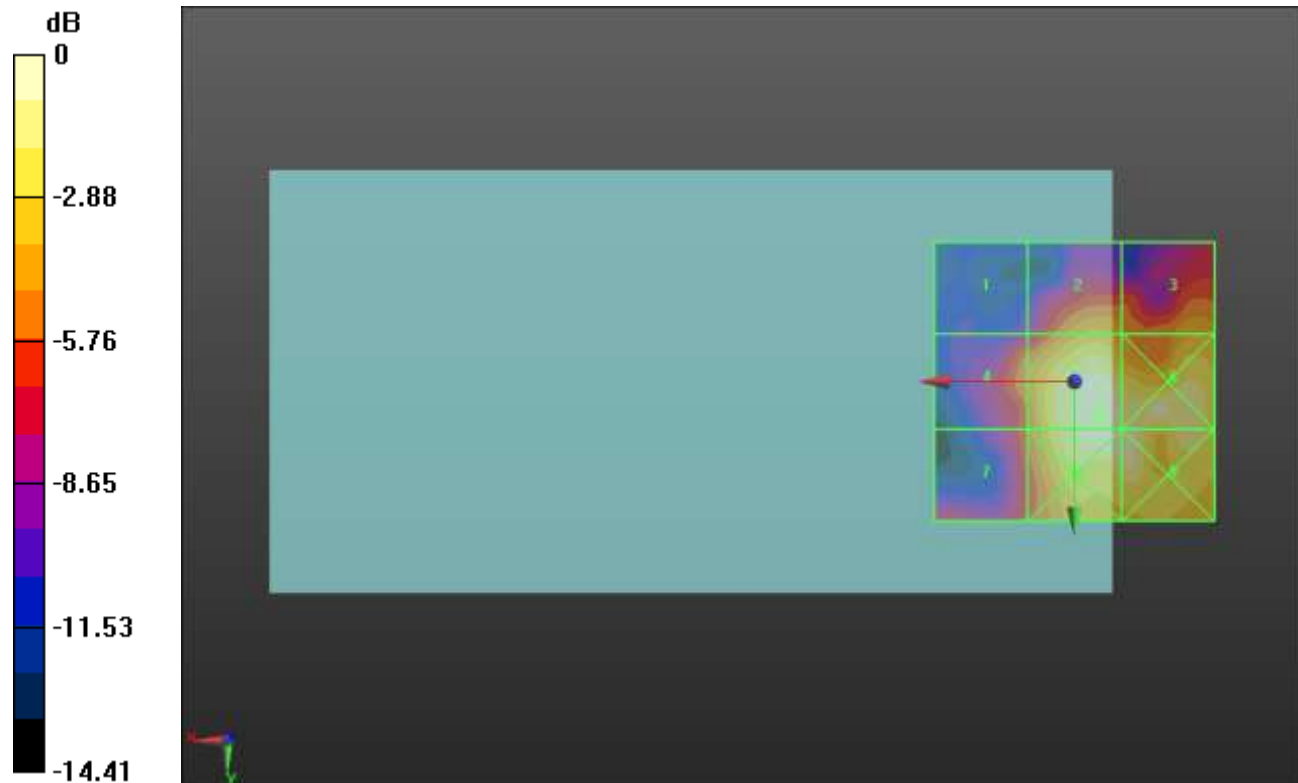
Applied MIF = -2.02 dB

RF audio interference level = 30.76 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 22.06 dBV/m	Grid 2 M4 27.34 dBV/m	Grid 3 M4 26.95 dBV/m
Grid 4 M4 26.17 dBV/m	Grid 5 M3 30.76 dBV/m	Grid 6 M3 30.38 dBV/m
Grid 7 M4 25.12 dBV/m	Grid 8 M3 30.67 dBV/m	Grid 9 M3 30.47 dBV/m



0 dB = 34.50 V/m = 30.76 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps_ch 11/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 63.04 V/m; Power Drift = -0.61 dB

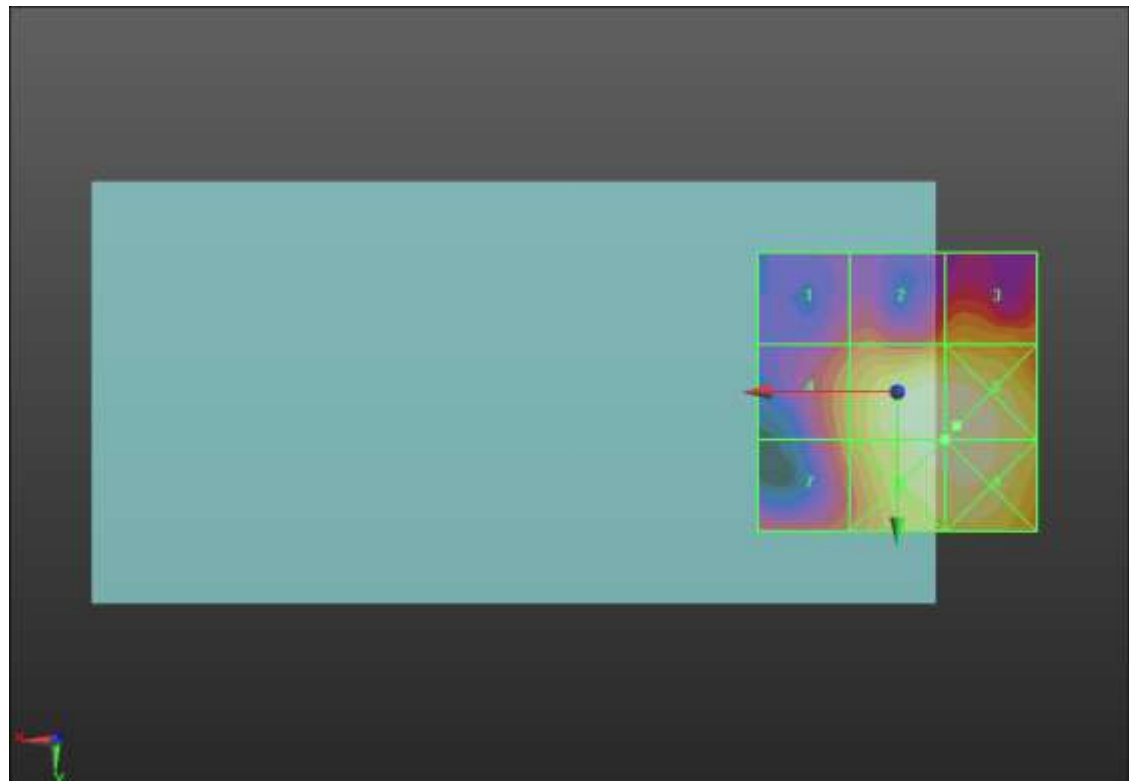
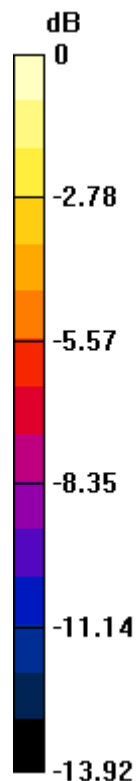
Applied MIF = -2.02 dB

RF audio interference level = 30.53 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 24.5 dBV/m	Grid 2 M4 26.63 dBV/m	Grid 3 M4 27.42 dBV/m
Grid 4 M4 26.65 dBV/m	Grid 5 M3 30.53 dBV/m	Grid 6 M3 30.63 dBV/m
Grid 7 M4 26.29 dBV/m	Grid 8 M3 30.53 dBV/m	Grid 9 M3 30.63 dBV/m



0 dB = 34.01 V/m = 30.63 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 66.65 V/m; Power Drift = -0.06 dB

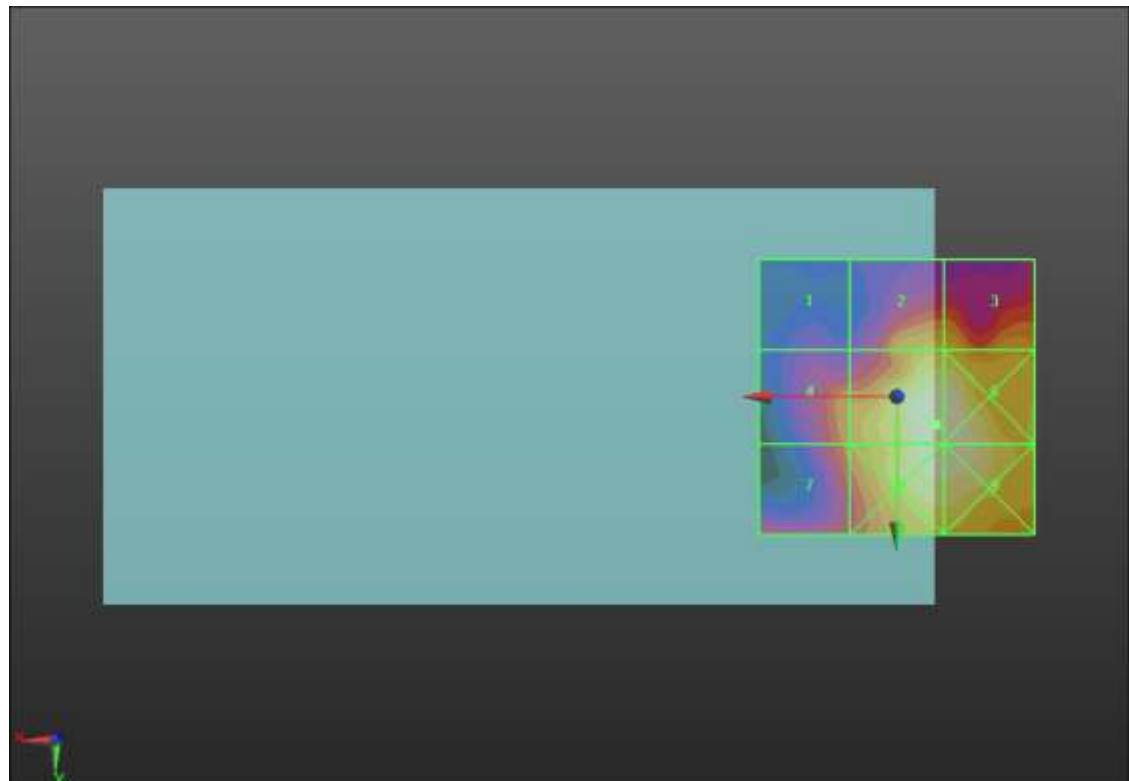
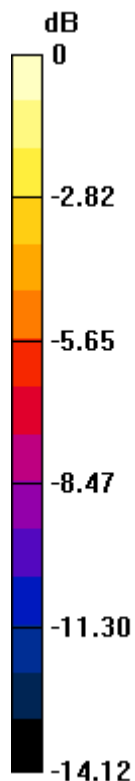
Applied MIF = 0.12 dB

RF audio interference level = 33.37 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 24.27 dBV/m	Grid 2 M3 30.34 dBV/m	Grid 3 M3 30.31 dBV/m
Grid 4 M4 28.9 dBV/m	Grid 5 M3 33.37 dBV/m	Grid 6 M3 33.3 dBV/m
Grid 7 M4 28.53 dBV/m	Grid 8 M3 33.21 dBV/m	Grid 9 M3 33.18 dBV/m



0 dB = 46.62 V/m = 33.37 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 60.39 V/m; Power Drift = -2.71 dB

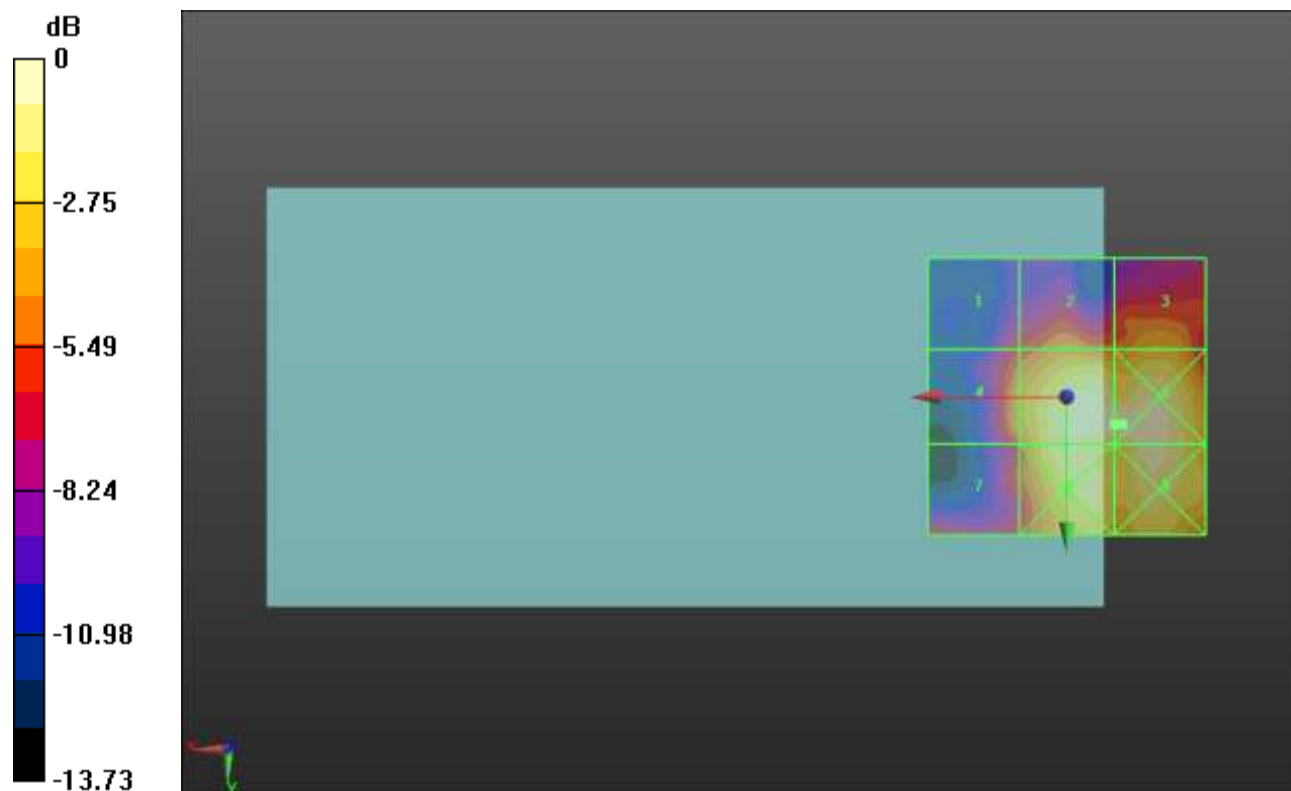
Applied MIF = 0.12 dB

RF audio interference level = 32.10 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.04 dBV/m	Grid 2 M4 28.4 dBV/m	Grid 3 M4 29.01 dBV/m
Grid 4 M4 28.43 dBV/m	Grid 5 M3 32.1 dBV/m	Grid 6 M3 32.37 dBV/m
Grid 7 M4 26.6 dBV/m	Grid 8 M3 31.58 dBV/m	Grid 9 M3 31.86 dBV/m



0 dB = 41.54 V/m = 32.37 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps_ch 9/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 56.83 V/m; Power Drift = 0.46 dB

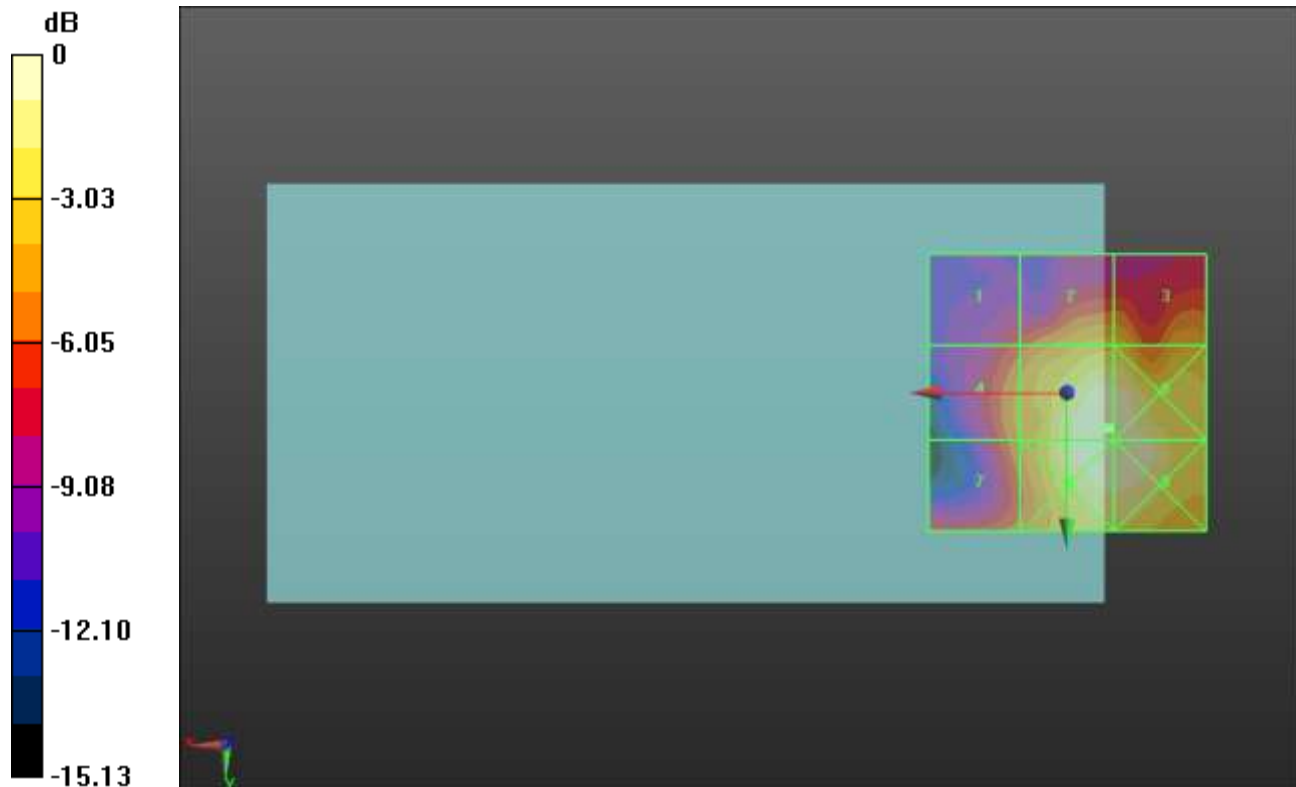
Applied MIF = 0.12 dB

RF audio interference level = 32.66 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.1 dBV/m	Grid 2 M4 29.32 dBV/m	Grid 3 M4 29.3 dBV/m
Grid 4 M4 28.08 dBV/m	Grid 5 M3 32.66 dBV/m	Grid 6 M3 32.64 dBV/m
Grid 7 M4 27.72 dBV/m	Grid 8 M3 32.59 dBV/m	Grid 9 M3 32.56 dBV/m



0 dB = 42.97 V/m = 32.66 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 40/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.52 V/m; Power Drift = -0.14 dB

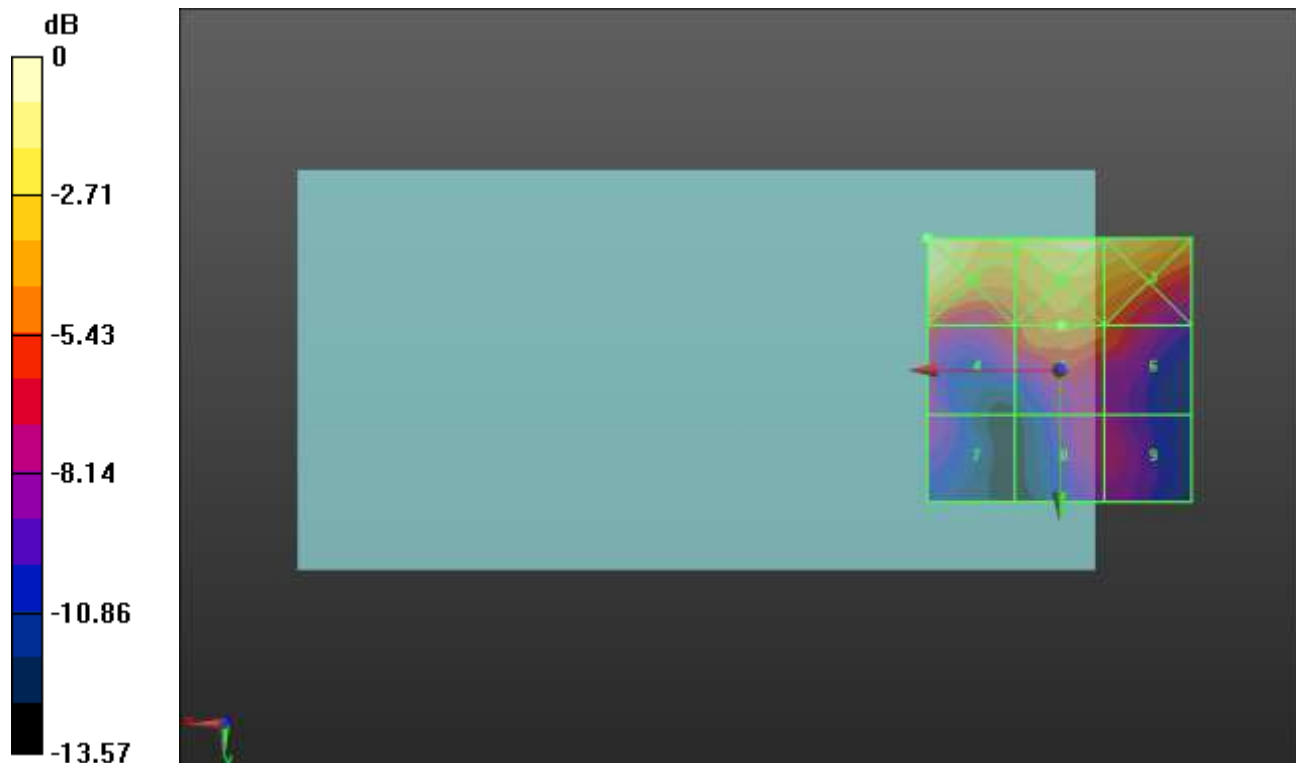
Applied MIF = -3.15 dB

RF audio interference level = 21.61 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.72 dBV/m	Grid 2 M4 24.55 dBV/m	Grid 3 M4 24.43 dBV/m
Grid 4 M4 20.57 dBV/m	Grid 5 M4 21.61 dBV/m	Grid 6 M4 20.48 dBV/m
Grid 7 M4 17.85 dBV/m	Grid 8 M4 18.37 dBV/m	Grid 9 M4 18.38 dBV/m



0 dB = 19.32 V/m = 25.72 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 44/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.08 V/m; Power Drift = 0.13 dB

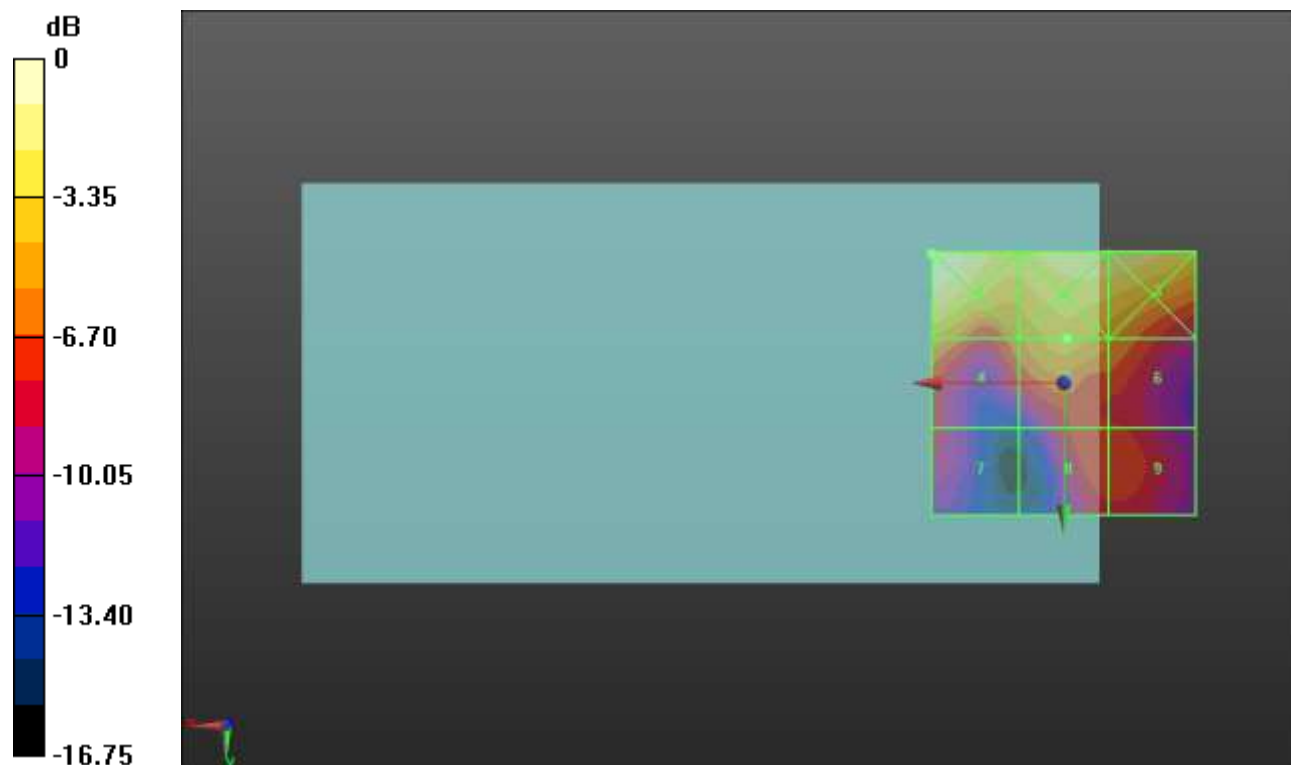
Applied MIF = -3.15 dB

RF audio interference level = 21.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.53 dBV/m	Grid 2 M4 24.53 dBV/m	Grid 3 M4 24.53 dBV/m
Grid 4 M4 21.06 dBV/m	Grid 5 M4 21.63 dBV/m	Grid 6 M4 20.34 dBV/m
Grid 7 M4 17.36 dBV/m	Grid 8 M4 18.66 dBV/m	Grid 9 M4 18.63 dBV/m



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

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 48/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.97 V/m; Power Drift = -1.29 dB

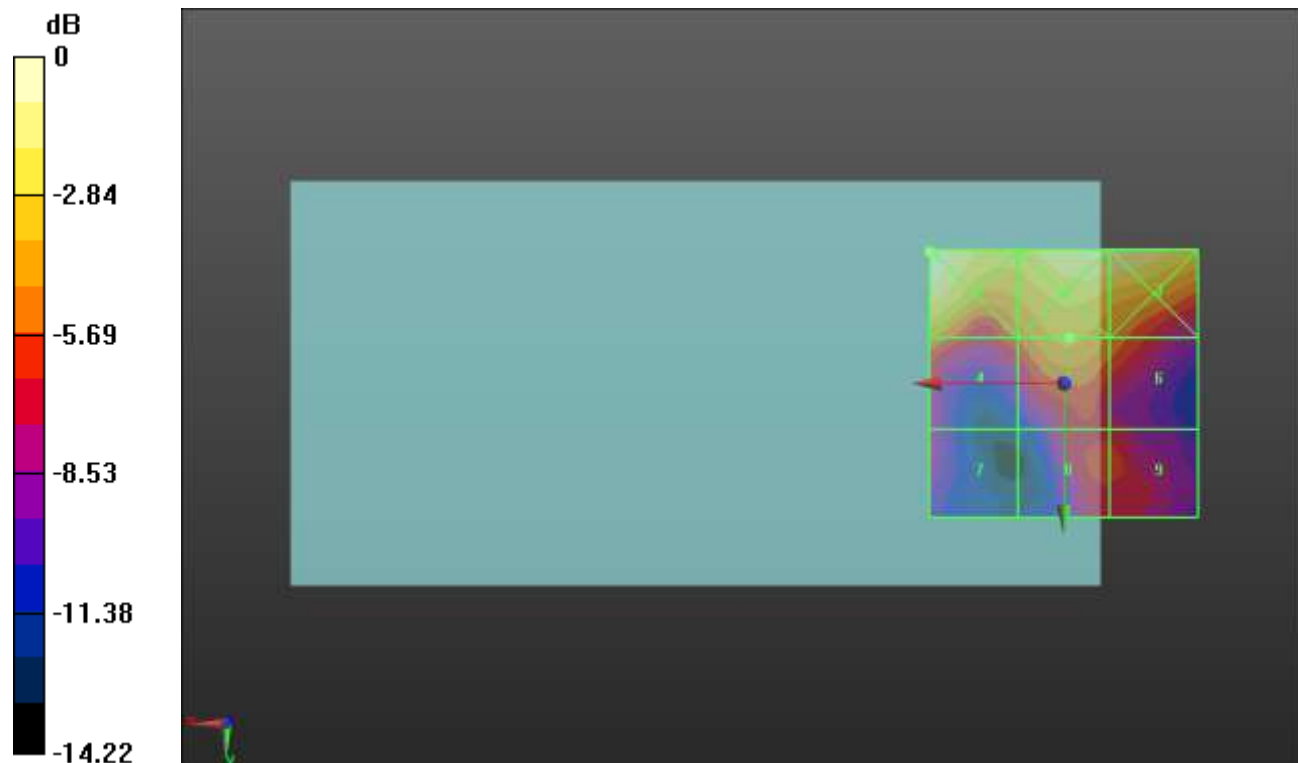
Applied MIF = -3.15 dB

RF audio interference level = 21.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.23 dBV/m	Grid 2 M4 24.64 dBV/m	Grid 3 M4 24.64 dBV/m
Grid 4 M4 20.81 dBV/m	Grid 5 M4 21.69 dBV/m	Grid 6 M4 20.4 dBV/m
Grid 7 M4 17.49 dBV/m	Grid 8 M4 19.05 dBV/m	Grid 9 M4 18.96 dBV/m



0 dB = 18.26 V/m = 25.23 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 52/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.52 V/m; Power Drift = 0.02 dB

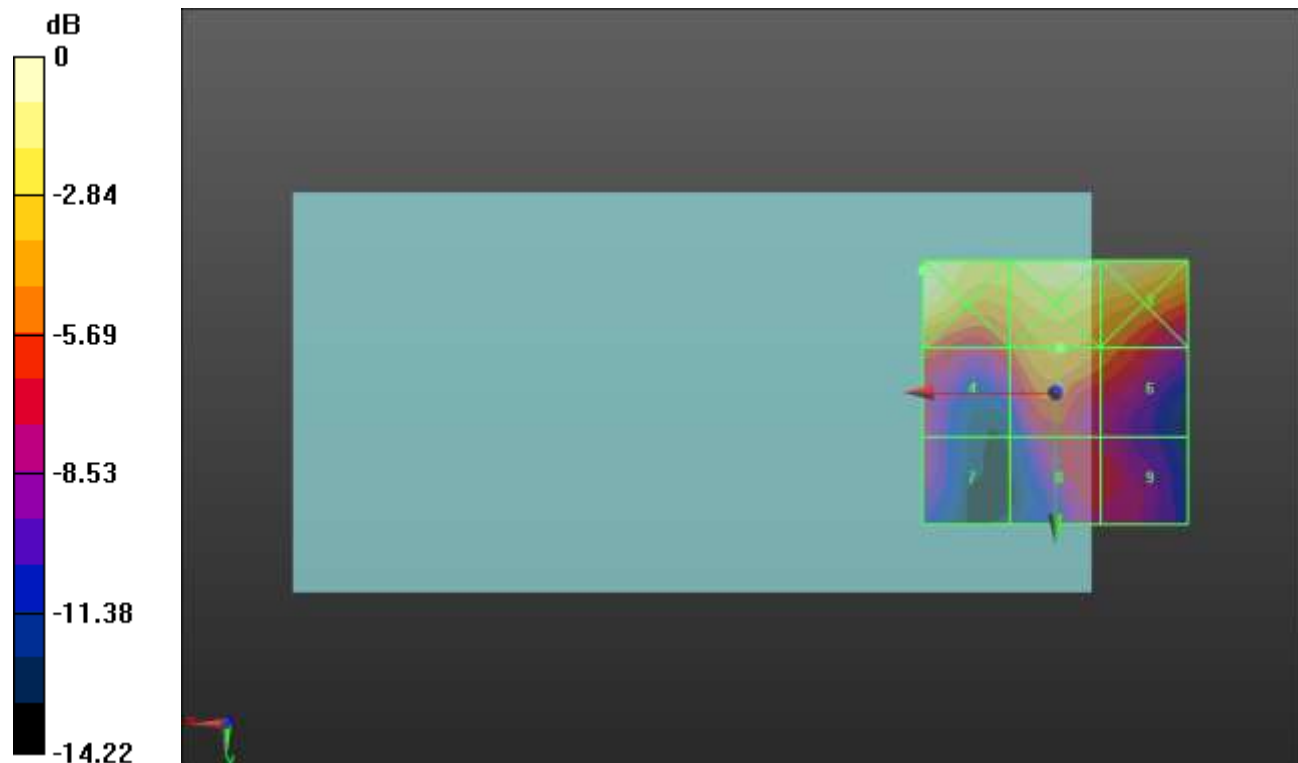
Applied MIF = -3.15 dB

RF audio interference level = 21.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.32 dBV/m	Grid 2 M4 24.82 dBV/m	Grid 3 M4 24.79 dBV/m
Grid 4 M4 19.84 dBV/m	Grid 5 M4 21.77 dBV/m	Grid 6 M4 20.57 dBV/m
Grid 7 M4 17.76 dBV/m	Grid 8 M4 18.7 dBV/m	Grid 9 M4 18.46 dBV/m



0 dB = 18.46 V/m = 25.32 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 56/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.11 V/m; Power Drift = -1.96 dB

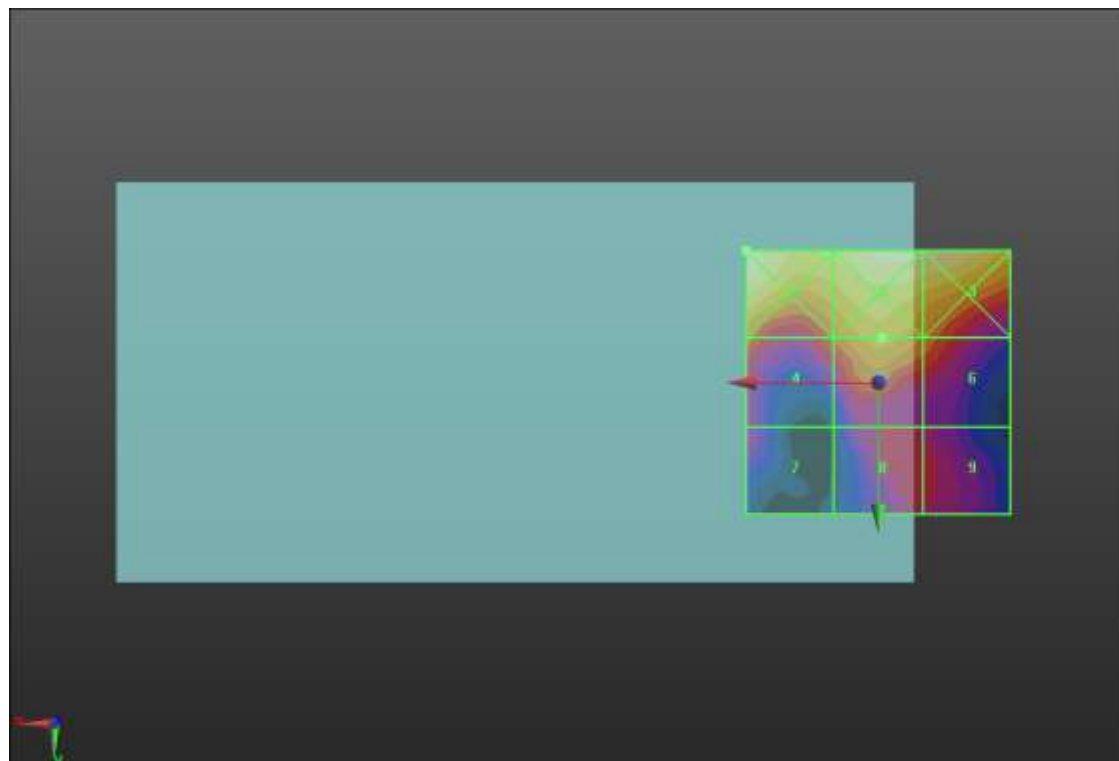
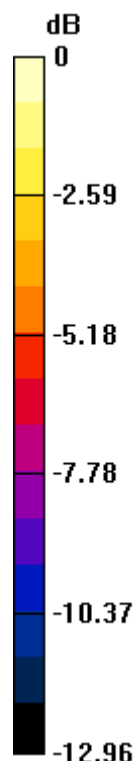
Applied MIF = -3.15 dB

RF audio interference level = 22.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.14 dBV/m	Grid 2 M4 24.84 dBV/m	Grid 3 M4 24.76 dBV/m
Grid 4 M4 20.83 dBV/m	Grid 5 M4 22.04 dBV/m	Grid 6 M4 20.7 dBV/m
Grid 7 M4 17.95 dBV/m	Grid 8 M4 19.02 dBV/m	Grid 9 M4 18.76 dBV/m



0 dB = 18.07 V/m = 25.14 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 60/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.63 V/m; Power Drift = -0.80 dB

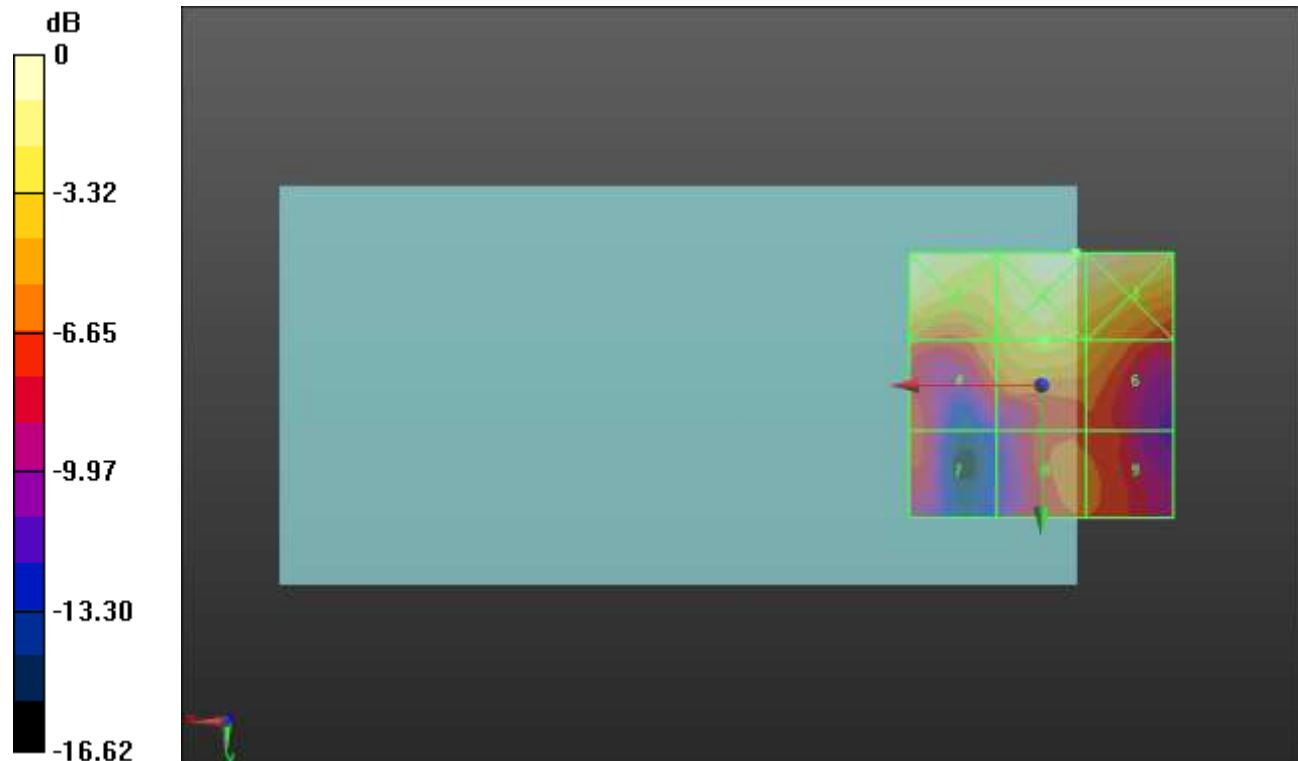
Applied MIF = -3.15 dB

RF audio interference level = 22.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.64 dBV/m	Grid 2 M4 24.93 dBV/m	Grid 3 M4 24.87 dBV/m
Grid 4 M4 20.2 dBV/m	Grid 5 M4 22.17 dBV/m	Grid 6 M4 20.9 dBV/m
Grid 7 M4 18.03 dBV/m	Grid 8 M4 18.97 dBV/m	Grid 9 M4 18.69 dBV/m



0 dB = 17.64 V/m = 24.93 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 104/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.94 V/m; Power Drift = 0.01 dB

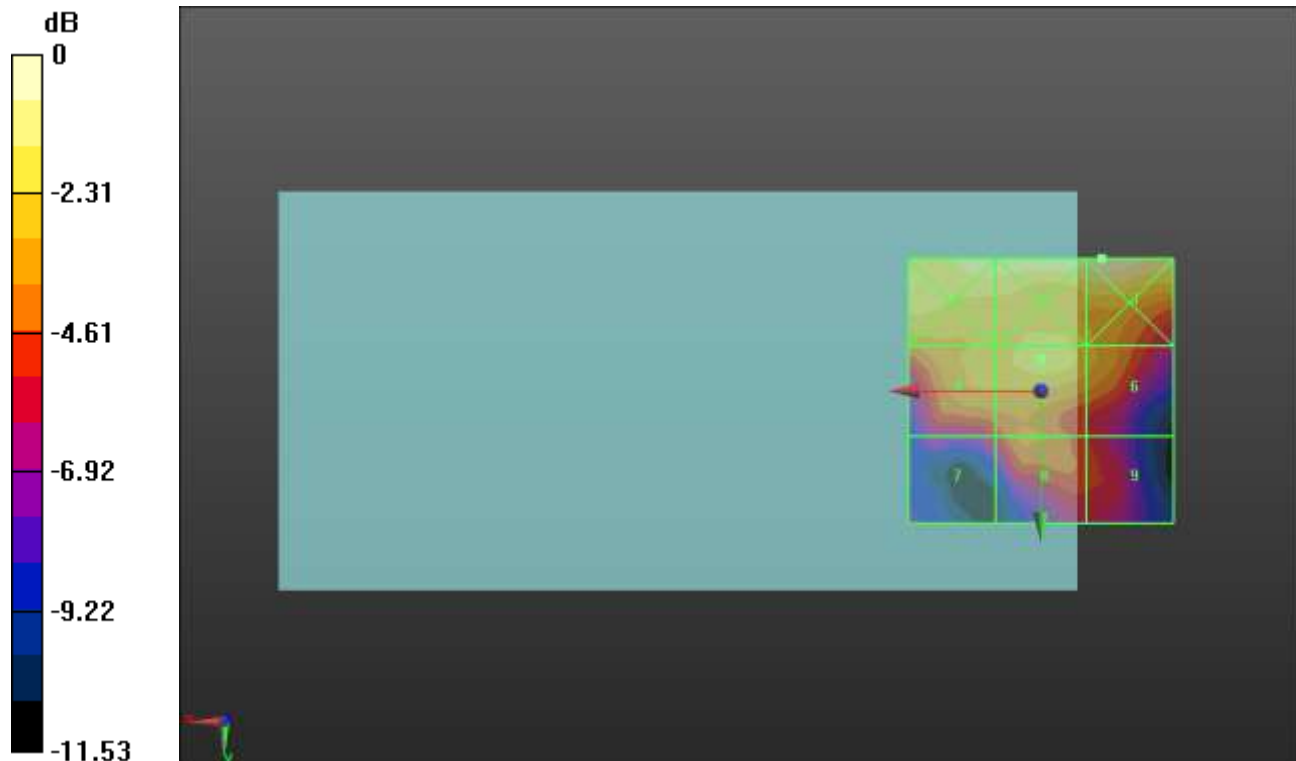
Applied MIF = -3.15 dB

RF audio interference level = 20.65 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.84 dBV/m	Grid 2 M4 22.44 dBV/m	Grid 3 M4 22.51 dBV/m
Grid 4 M4 19.78 dBV/m	Grid 5 M4 20.65 dBV/m	Grid 6 M4 19.84 dBV/m
Grid 7 M4 17.15 dBV/m	Grid 8 M4 18.84 dBV/m	Grid 9 M4 17.6 dBV/m



0 dB = 13.34 V/m = 22.50 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 124/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.66 V/m; Power Drift = -0.09 dB

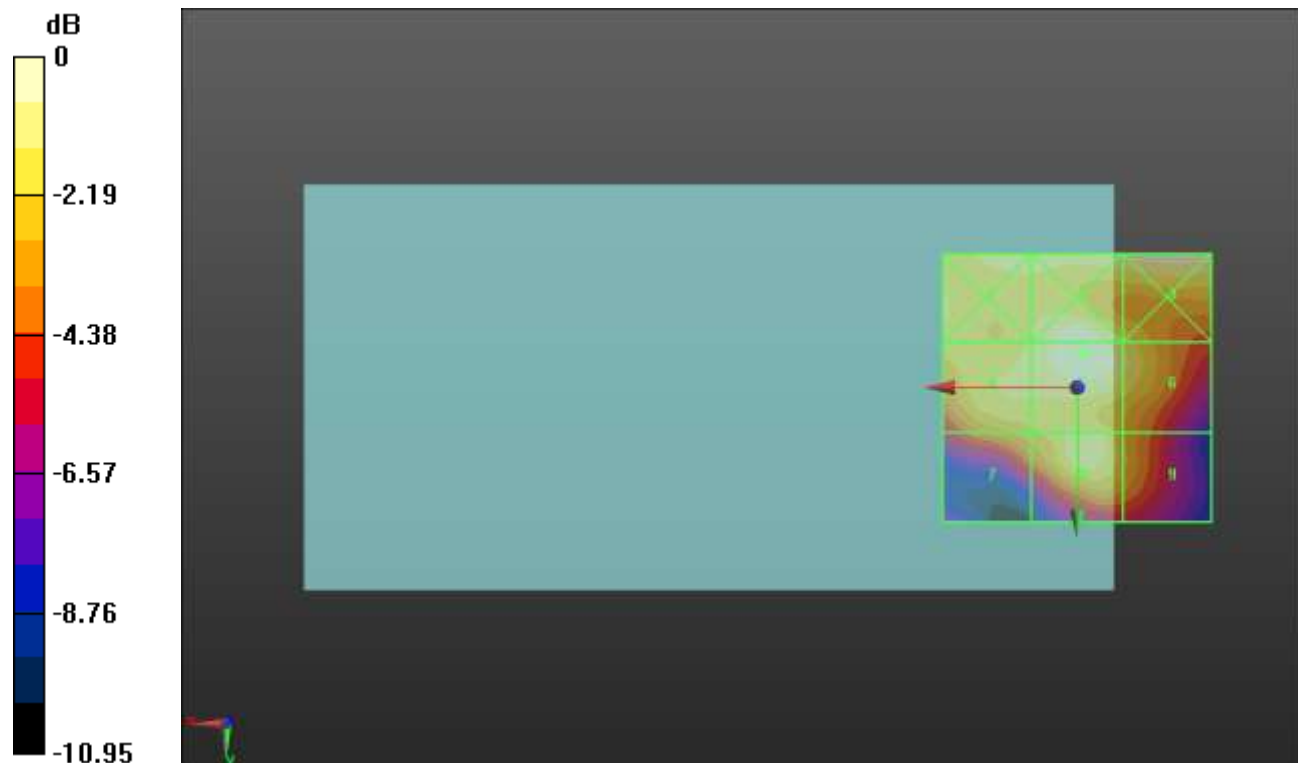
Applied MIF = -3.15 dB

RF audio interference level = 21.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.46 dBV/m	Grid 2 M4 21.17 dBV/m	Grid 3 M4 21.24 dBV/m
Grid 4 M4 20.1 dBV/m	Grid 5 M4 21.29 dBV/m	Grid 6 M4 20.1 dBV/m
Grid 7 M4 18.93 dBV/m	Grid 8 M4 20.36 dBV/m	Grid 9 M4 18.68 dBV/m



0 dB = 11.60 V/m = 21.29 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.22 V/m; Power Drift = -0.04 dB

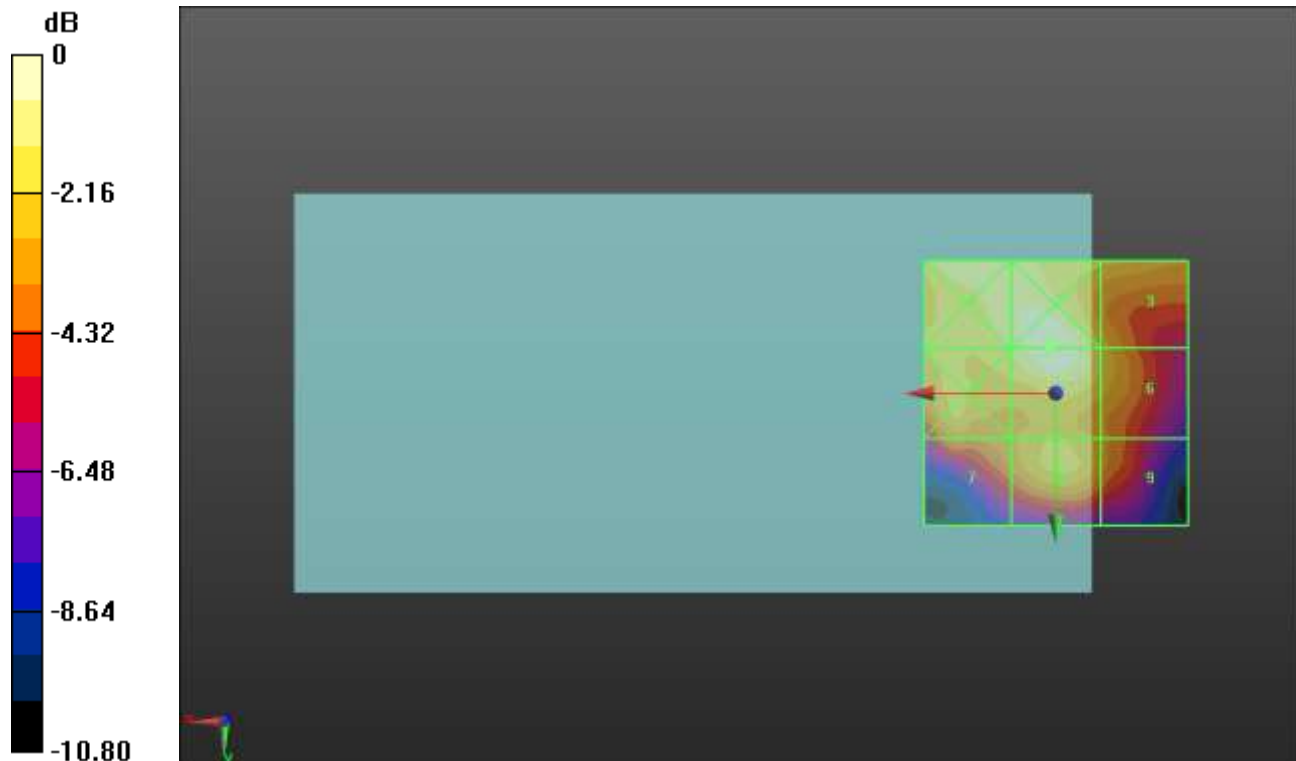
Applied MIF = -3.15 dB

RF audio interference level = 22.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22 dBV/m	Grid 2 M4 22.69 dBV/m	Grid 3 M4 20.81 dBV/m
Grid 4 M4 21.44 dBV/m	Grid 5 M4 22.67 dBV/m	Grid 6 M4 20.59 dBV/m
Grid 7 M4 19.7 dBV/m	Grid 8 M4 20.86 dBV/m	Grid 9 M4 19.5 dBV/m



0 dB = 13.64 V/m = 22.70 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 149/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.62 V/m; Power Drift = 0.17 dB

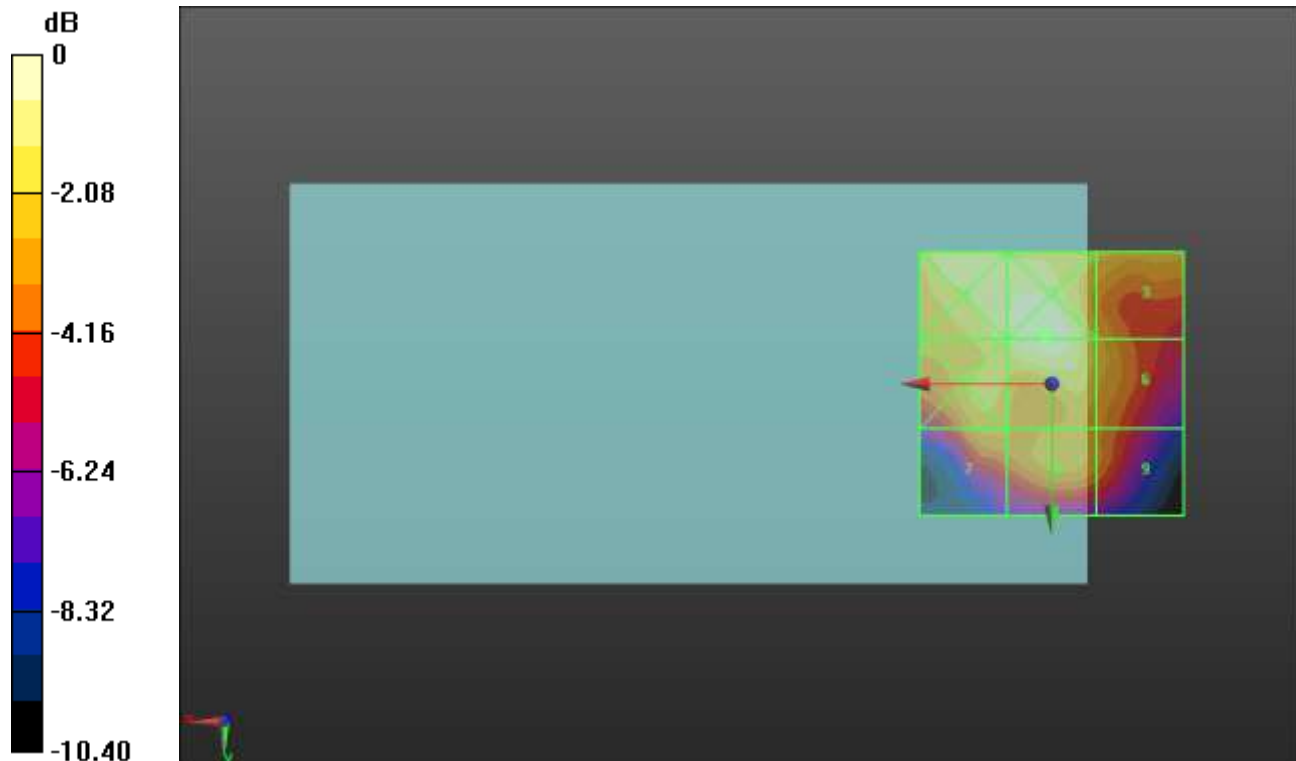
Applied MIF = -3.15 dB

RF audio interference level = 22.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.14 dBV/m	Grid 2 M4 22.91 dBV/m	Grid 3 M4 21.24 dBV/m
Grid 4 M4 21.84 dBV/m	Grid 5 M4 22.8 dBV/m	Grid 6 M4 20.72 dBV/m
Grid 7 M4 20.44 dBV/m	Grid 8 M4 20.78 dBV/m	Grid 9 M4 19.83 dBV/m



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

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 157/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.08 V/m; Power Drift = -0.10 dB

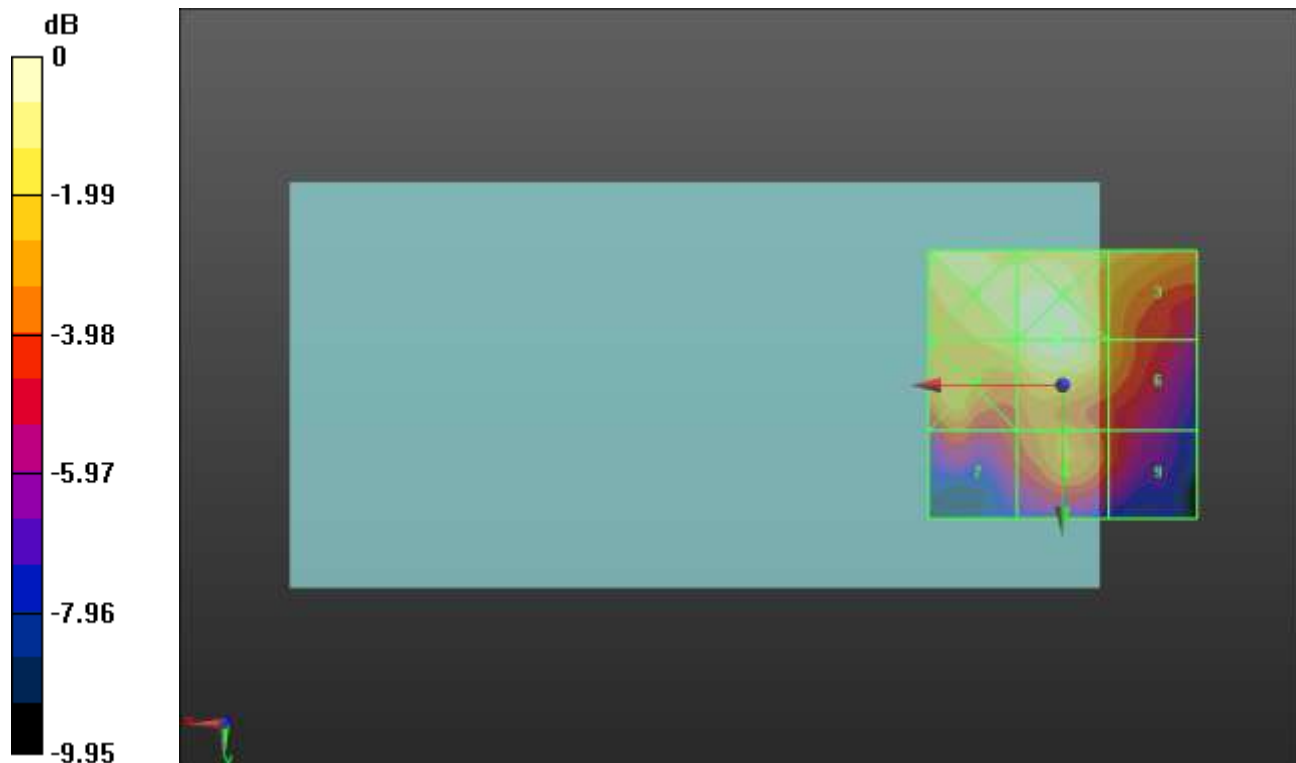
Applied MIF = -3.15 dB

RF audio interference level = 22.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.36 dBV/m	Grid 2 M4 23.06 dBV/m	Grid 3 M4 21.45 dBV/m
Grid 4 M4 21.9 dBV/m	Grid 5 M4 22.94 dBV/m	Grid 6 M4 20.61 dBV/m
Grid 7 M4 19.23 dBV/m	Grid 8 M4 20.54 dBV/m	Grid 9 M4 18.89 dBV/m



0 dB = 14.22 V/m = 23.06 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.80 V/m; Power Drift = 0.16 dB

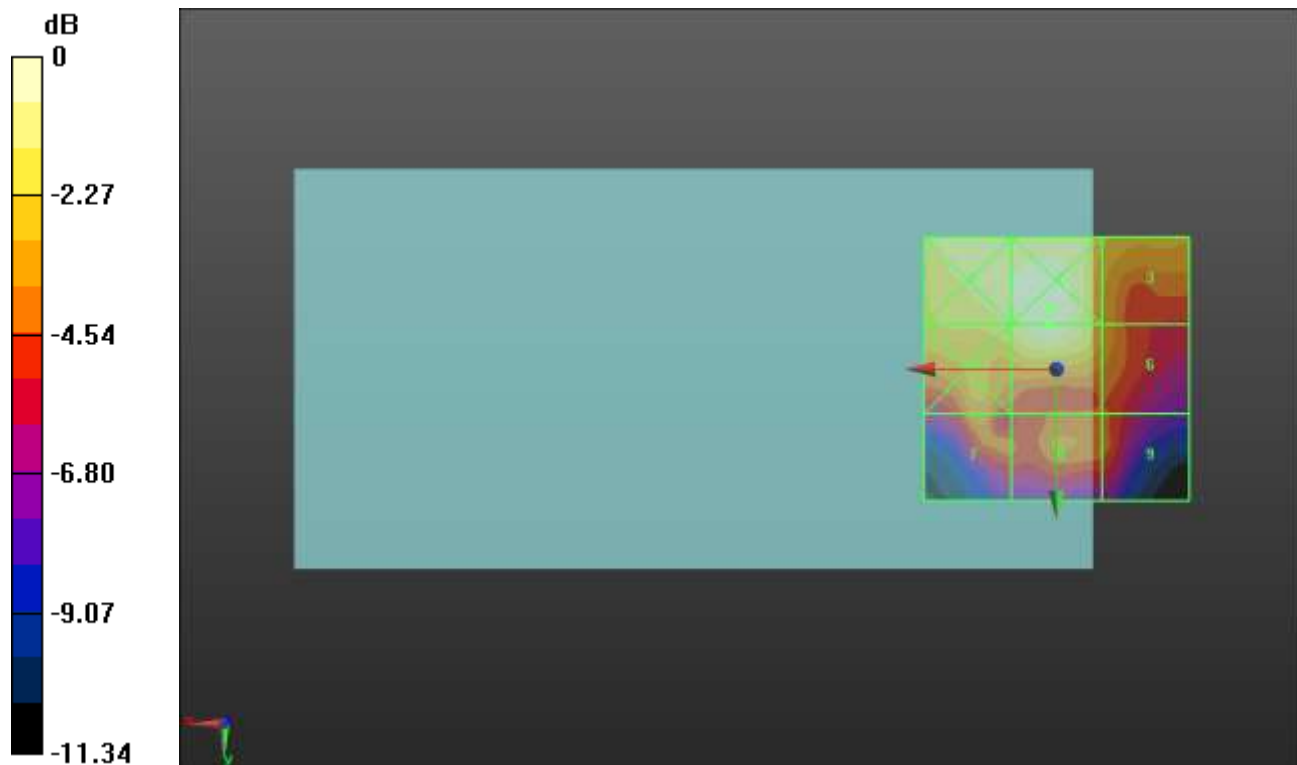
Applied MIF = -3.15 dB

RF audio interference level = 23.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.96 dBV/m	Grid 2 M4 23.65 dBV/m	Grid 3 M4 21.64 dBV/m
Grid 4 M4 22.37 dBV/m	Grid 5 M4 23.39 dBV/m	Grid 6 M4 20.75 dBV/m
Grid 7 M4 20.29 dBV/m	Grid 8 M4 20.04 dBV/m	Grid 9 M4 19.66 dBV/m



0 dB = 15.22 V/m = 23.65 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps_ch 2/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.62 V/m; Power Drift = 0.04 dB

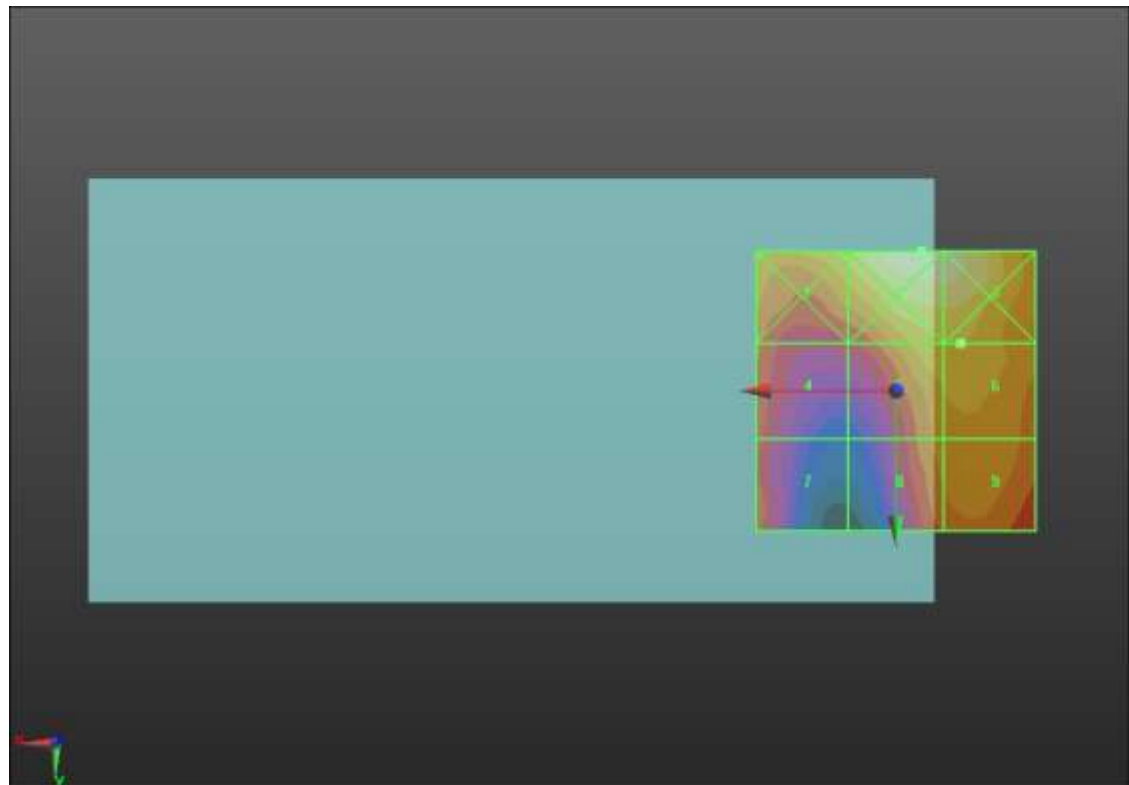
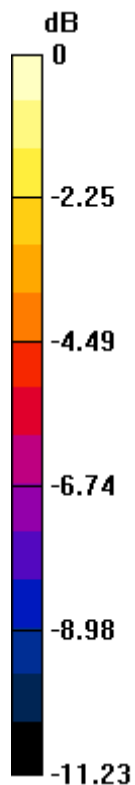
Applied MIF = -2.02 dB

RF audio interference level = 22.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.92 dBV/m	Grid 2 M4 24.66 dBV/m	Grid 3 M4 24.33 dBV/m
Grid 4 M4 20.42 dBV/m	Grid 5 M4 22.35 dBV/m	Grid 6 M4 22.41 dBV/m
Grid 7 M4 19.89 dBV/m	Grid 8 M4 21.21 dBV/m	Grid 9 M4 21.68 dBV/m



0 dB = 17.10 V/m = 24.66 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps_ch 6/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.78 V/m; Power Drift = -1.15 dB

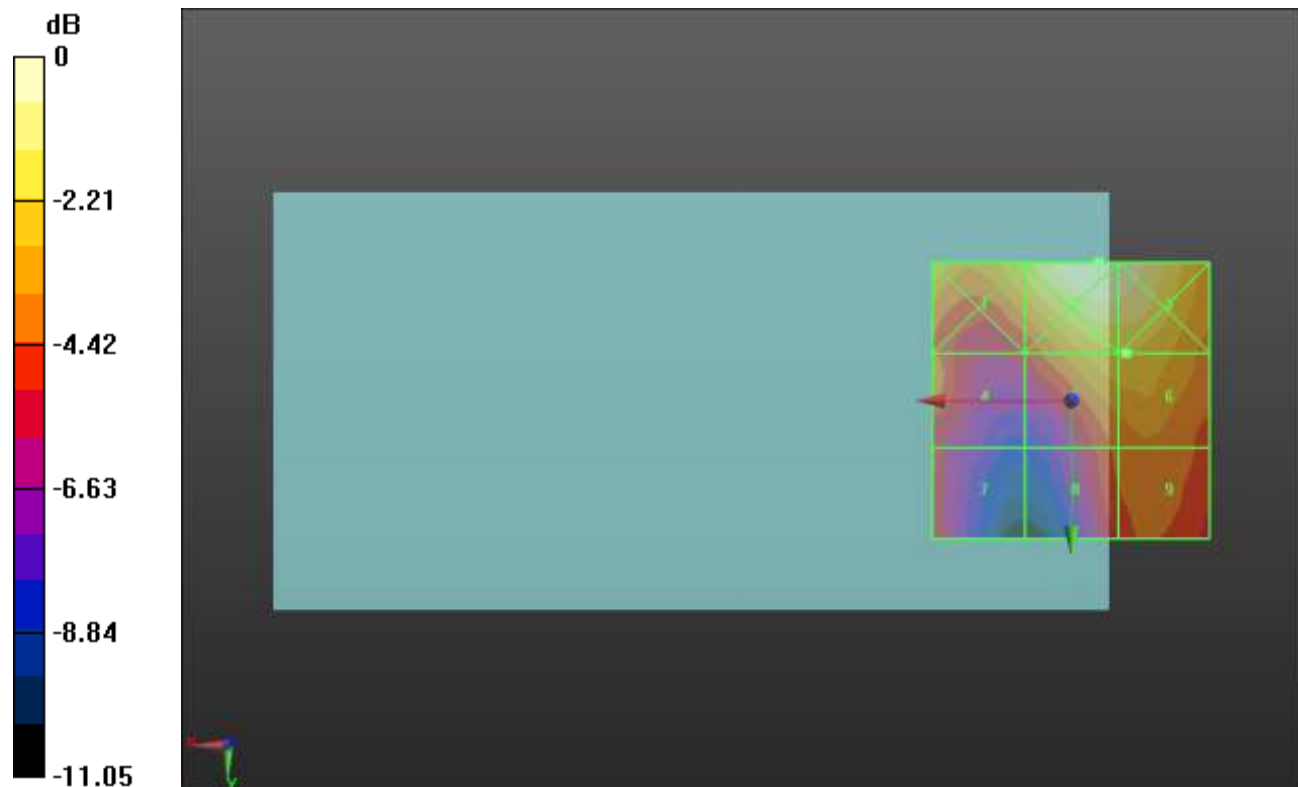
Applied MIF = -2.02 dB

RF audio interference level = 23.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.74 dBV/m	Grid 2 M4 25.55 dBV/m	Grid 3 M4 25.47 dBV/m
Grid 4 M4 22.15 dBV/m	Grid 5 M4 23.32 dBV/m	Grid 6 M4 23.34 dBV/m
Grid 7 M4 20.74 dBV/m	Grid 8 M4 21.47 dBV/m	Grid 9 M4 21.82 dBV/m



0 dB = 18.94 V/m = 25.55 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps_ch 11/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.45 V/m; Power Drift = -0.14 dB

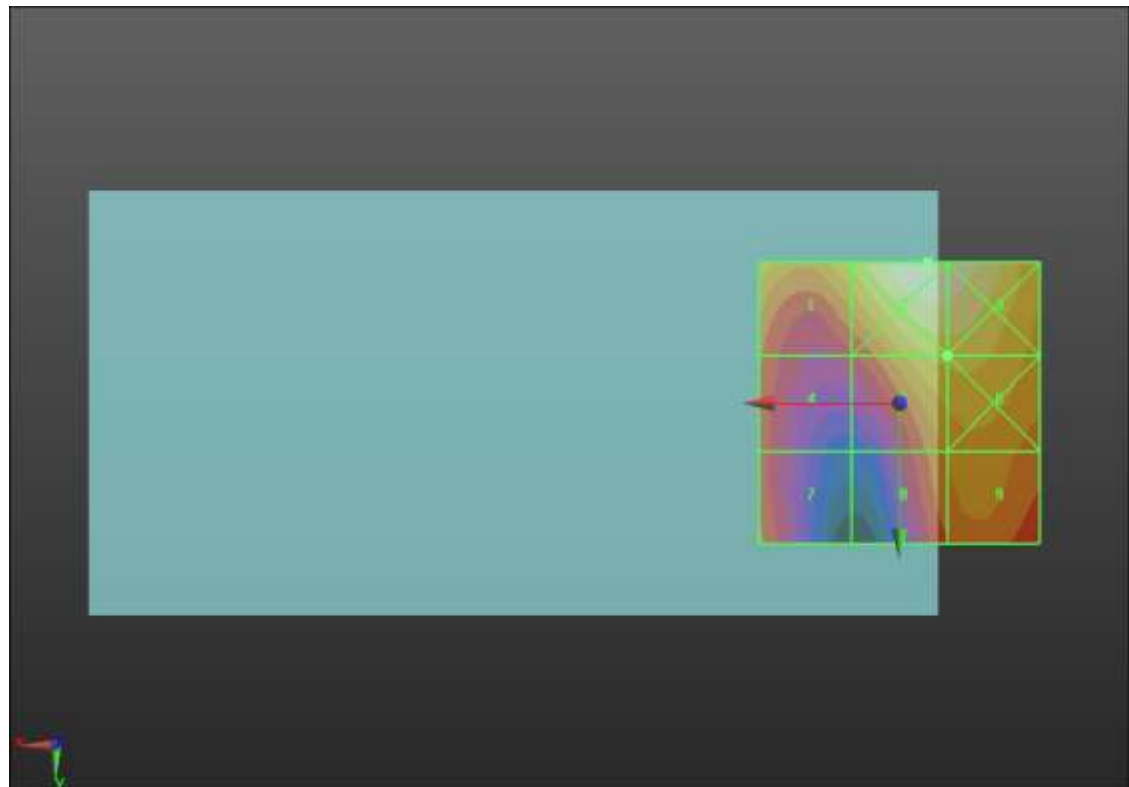
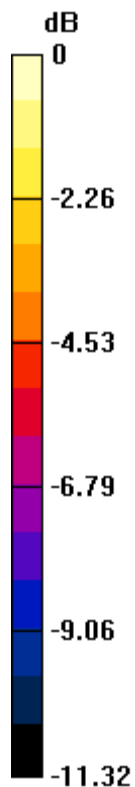
Applied MIF = -2.02 dB

RF audio interference level = 23.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.27 dBV/m	Grid 2 M4 25.33 dBV/m	Grid 3 M4 25.12 dBV/m
Grid 4 M4 20.95 dBV/m	Grid 5 M4 23.34 dBV/m	Grid 6 M4 23.38 dBV/m
Grid 7 M4 21.05 dBV/m	Grid 8 M4 21.73 dBV/m	Grid 9 M4 22.13 dBV/m



0 dB = 18.47 V/m = 25.33 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.76 V/m; Power Drift = 0.19 dB

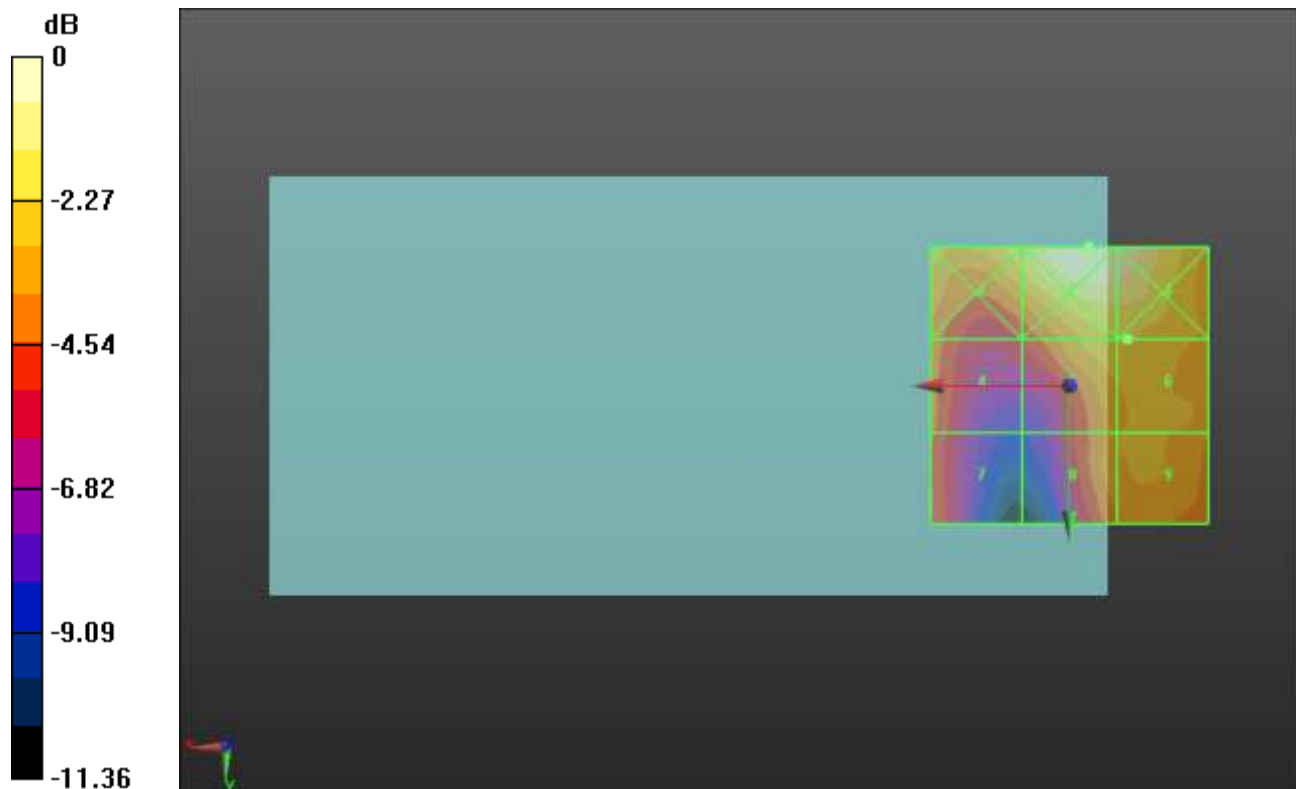
Applied MIF = 0.12 dB

RF audio interference level = 24.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.6 dBV/m	Grid 2 M4 26.25 dBV/m	Grid 3 M4 26.16 dBV/m
Grid 4 M4 22.31 dBV/m	Grid 5 M4 23.97 dBV/m	Grid 6 M4 24 dBV/m
Grid 7 M4 21.92 dBV/m	Grid 8 M4 23.14 dBV/m	Grid 9 M4 23.53 dBV/m



0 dB = 20.53 V/m = 26.25 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.43 V/m; Power Drift = -0.11 dB

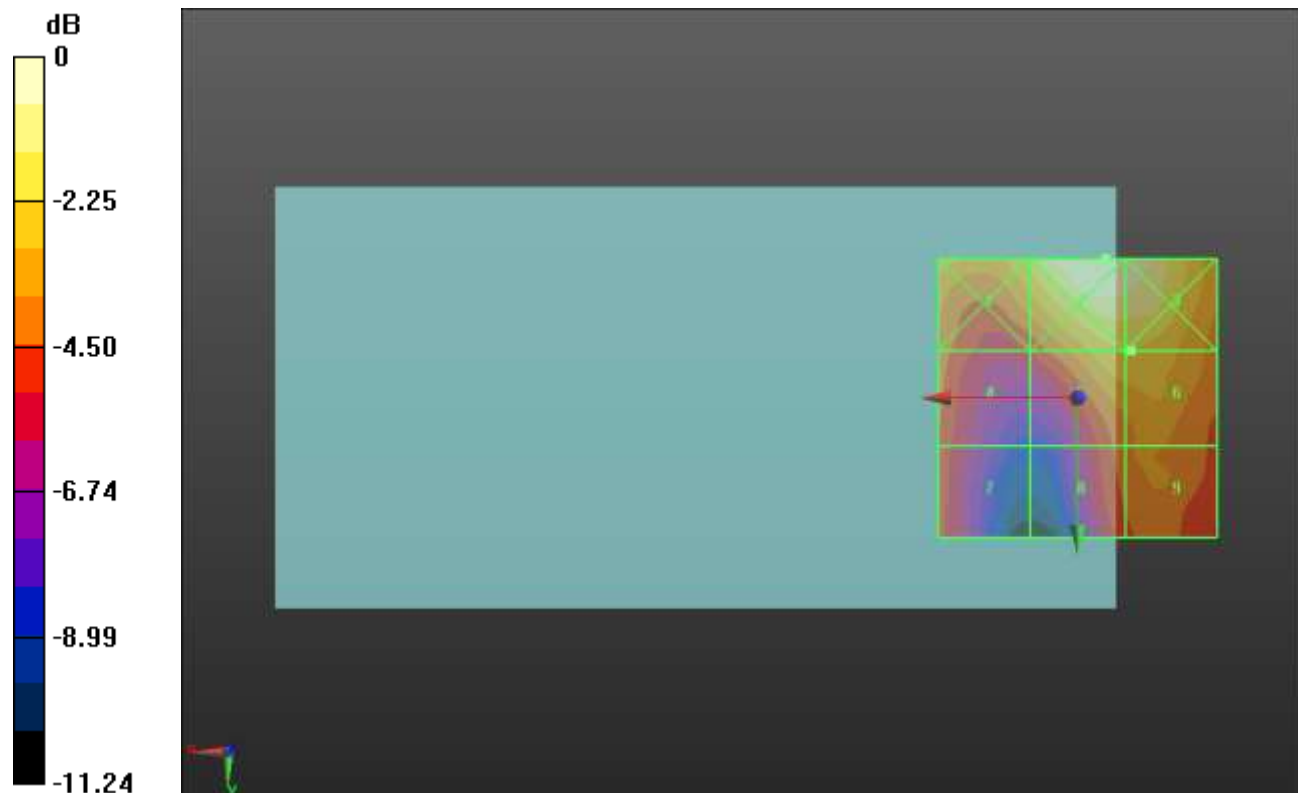
Applied MIF = 0.12 dB

RF audio interference level = 25.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.47 dBV/m	Grid 2 M4 27.33 dBV/m	Grid 3 M4 27.28 dBV/m
Grid 4 M4 23.37 dBV/m	Grid 5 M4 25.04 dBV/m	Grid 6 M4 25.04 dBV/m
Grid 7 M4 22.71 dBV/m	Grid 8 M4 23.35 dBV/m	Grid 9 M4 23.71 dBV/m



0 dB = 23.24 V/m = 27.32 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps_ch 9/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.61 V/m; Power Drift = -1.08 dB

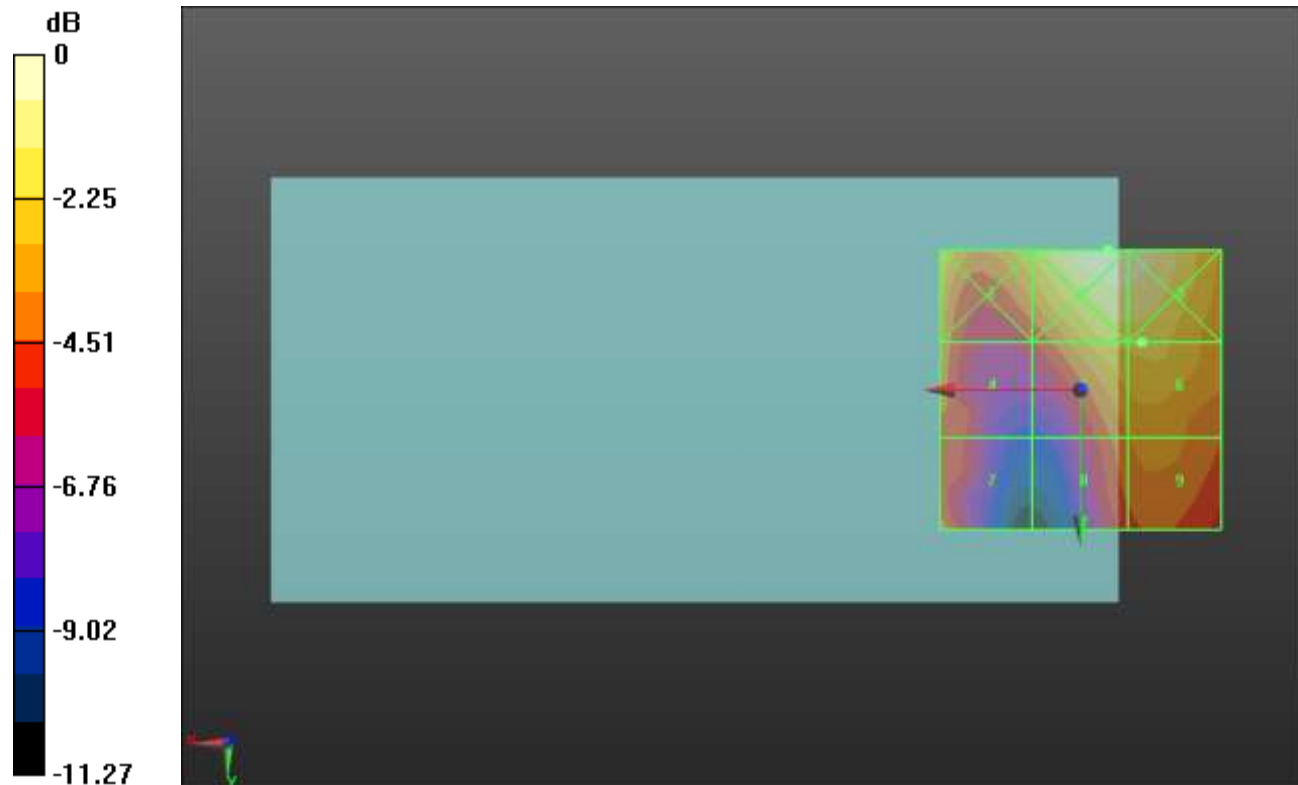
Applied MIF = 0.12 dB

RF audio interference level = 25.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.33 dBV/m	Grid 2 M4 27.8 dBV/m	Grid 3 M4 27.64 dBV/m
Grid 4 M4 24.38 dBV/m	Grid 5 M4 25.79 dBV/m	Grid 6 M4 25.83 dBV/m
Grid 7 M4 24.03 dBV/m	Grid 8 M4 24.01 dBV/m	Grid 9 M4 24.47 dBV/m



0 dB = 24.55 V/m = 27.80 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 40/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.16 V/m; Power Drift = 0.09 dB

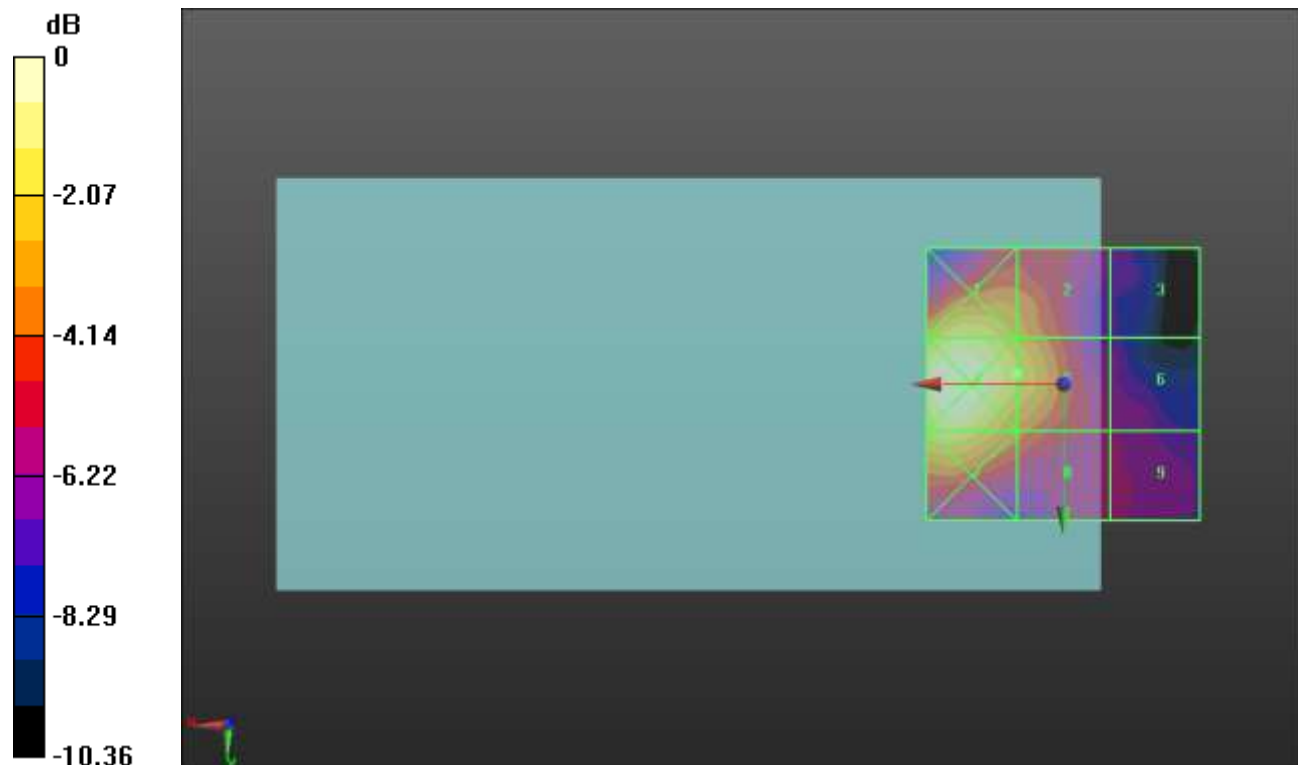
Applied MIF = -3.15 dB

RF audio interference level = 18.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.67 dBV/m	Grid 2 M4 18.09 dBV/m	Grid 3 M4 14.23 dBV/m
Grid 4 M4 20.89 dBV/m	Grid 5 M4 18.91 dBV/m	Grid 6 M4 14.77 dBV/m
Grid 7 M4 19.5 dBV/m	Grid 8 M4 17.23 dBV/m	Grid 9 M4 15.16 dBV/m



0 dB = 11.07 V/m = 20.88 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 44/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.29 V/m; Power Drift = 0.11 dB

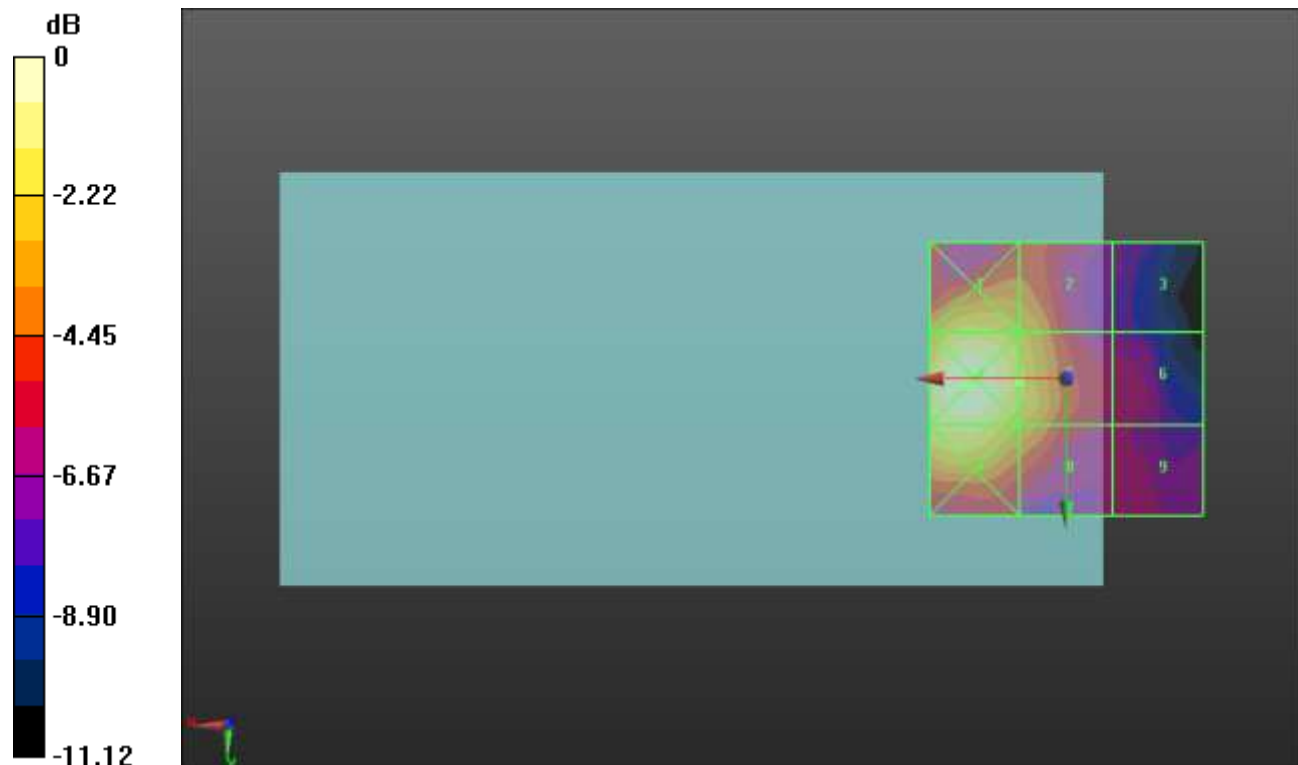
Applied MIF = -3.15 dB

RF audio interference level = 18.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.49 dBV/m	Grid 2 M4 17.51 dBV/m	Grid 3 M4 13.15 dBV/m
Grid 4 M4 20.29 dBV/m	Grid 5 M4 18.33 dBV/m	Grid 6 M4 14.23 dBV/m
Grid 7 M4 19.18 dBV/m	Grid 8 M4 17.35 dBV/m	Grid 9 M4 14.03 dBV/m



0 dB = 10.34 V/m = 20.29 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 48/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.590 V/m; Power Drift = 0.41 dB

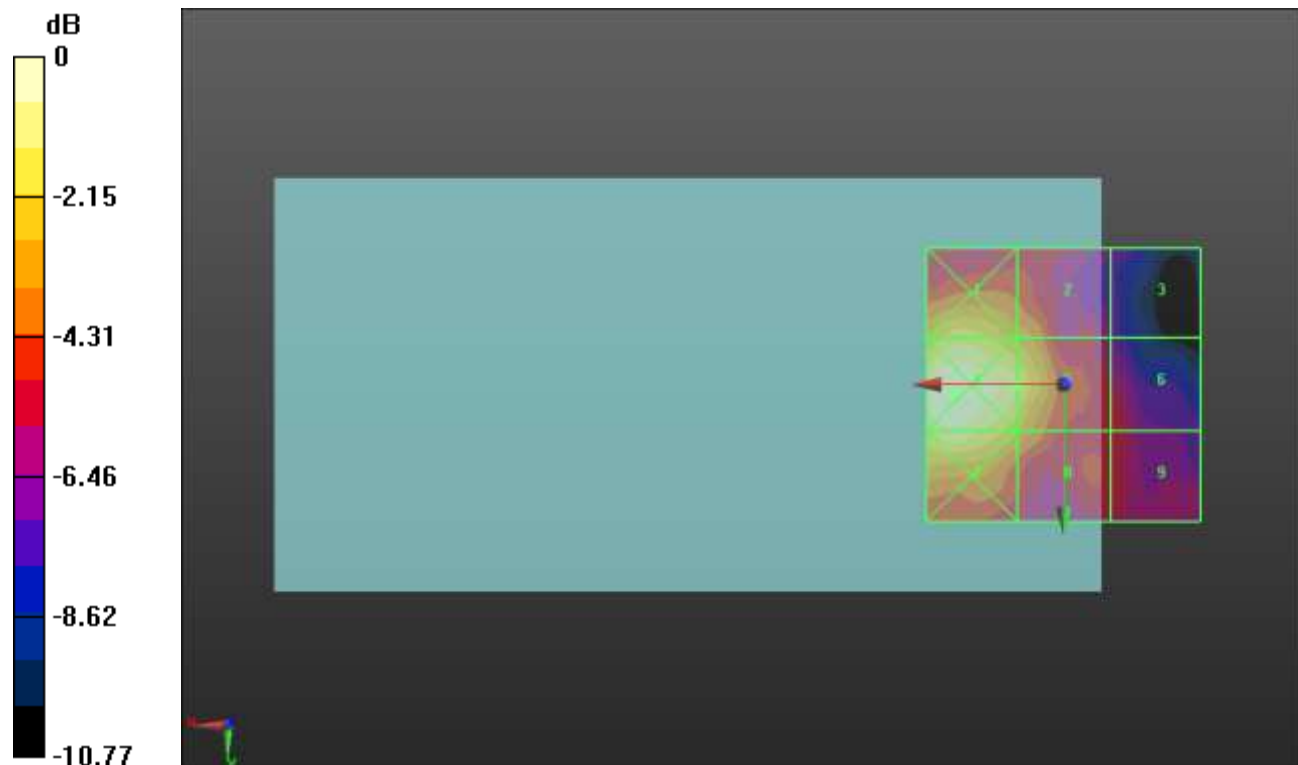
Applied MIF = -3.15 dB

RF audio interference level = 17.89 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.66 dBV/m	Grid 2 M4 16.27 dBV/m	Grid 3 M4 12.41 dBV/m
Grid 4 M4 19.3 dBV/m	Grid 5 M4 17.89 dBV/m	Grid 6 M4 14.15 dBV/m
Grid 7 M4 18.46 dBV/m	Grid 8 M4 16.52 dBV/m	Grid 9 M4 14.2 dBV/m



0 dB = 9.231 V/m = 19.30 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 52/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.440 V/m; Power Drift = -0.50 dB

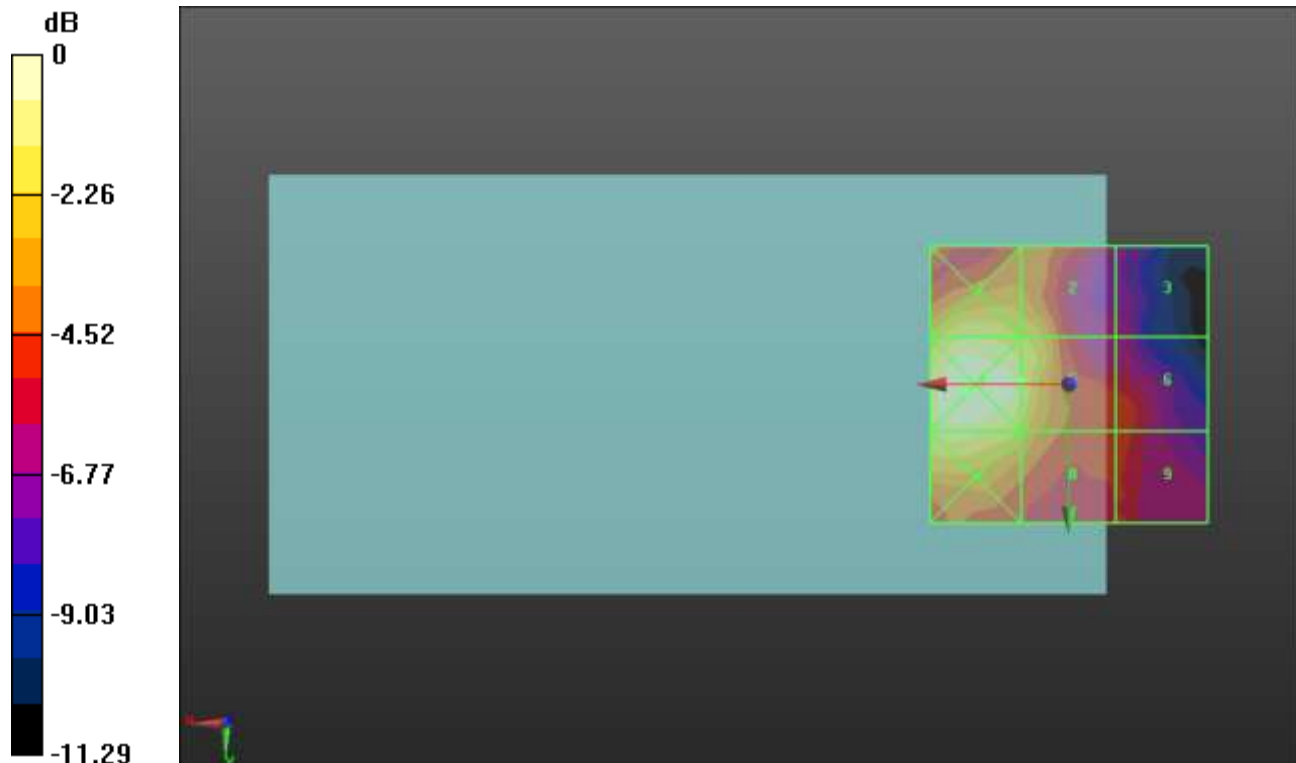
Applied MIF = -3.15 dB

RF audio interference level = 17.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.51 dBV/m	Grid 2 M4 16.69 dBV/m	Grid 3 M4 12.48 dBV/m
Grid 4 M4 18.93 dBV/m	Grid 5 M4 17.64 dBV/m	Grid 6 M4 14.43 dBV/m
Grid 7 M4 17.87 dBV/m	Grid 8 M4 16.35 dBV/m	Grid 9 M4 14.17 dBV/m



0 dB = 8.838 V/m = 18.93 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 56/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.925 V/m; Power Drift = -0.37 dB

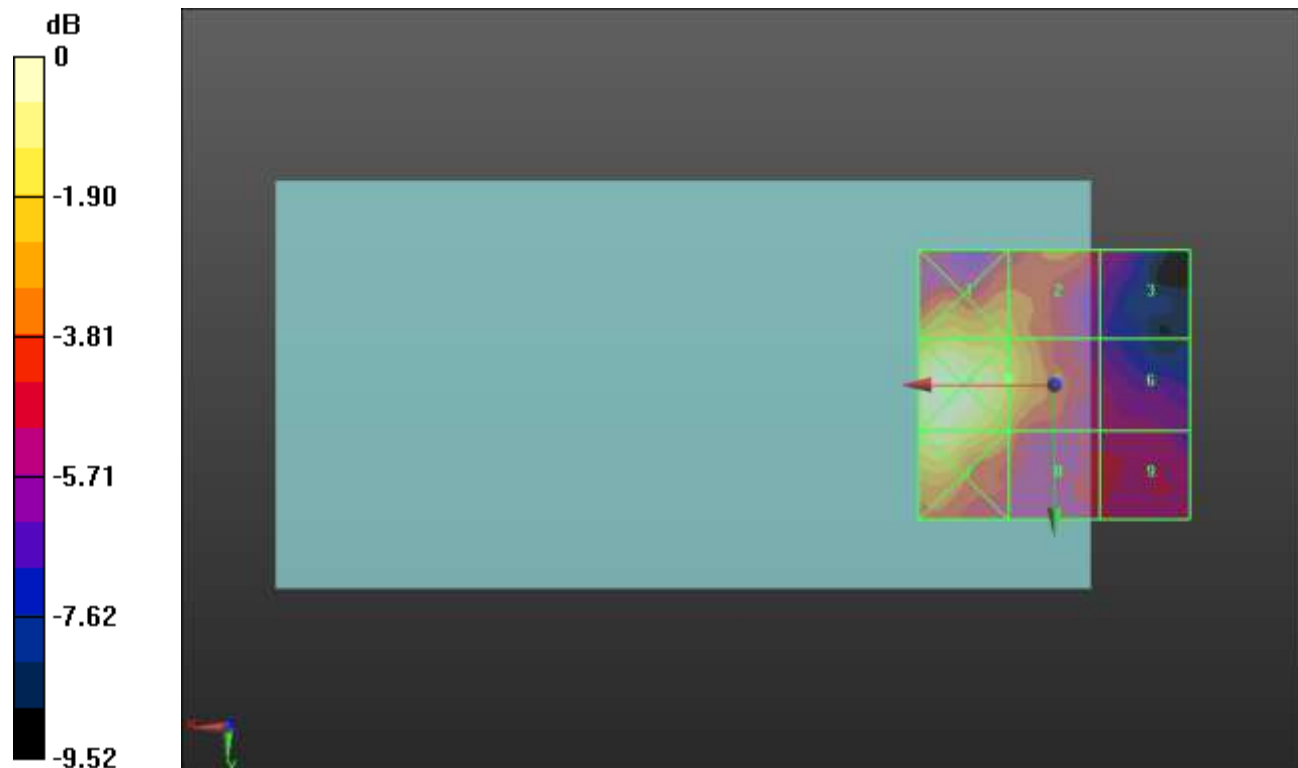
Applied MIF = -3.15 dB

RF audio interference level = 16.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.37 dBV/m	Grid 2 M4 15.72 dBV/m	Grid 3 M4 13.02 dBV/m
Grid 4 M4 18.24 dBV/m	Grid 5 M4 16.41 dBV/m	Grid 6 M4 12.89 dBV/m
Grid 7 M4 17.53 dBV/m	Grid 8 M4 14.96 dBV/m	Grid 9 M4 13.47 dBV/m



0 dB = 8.164 V/m = 18.24 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 60/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.753 V/m; Power Drift = -0.43 dB

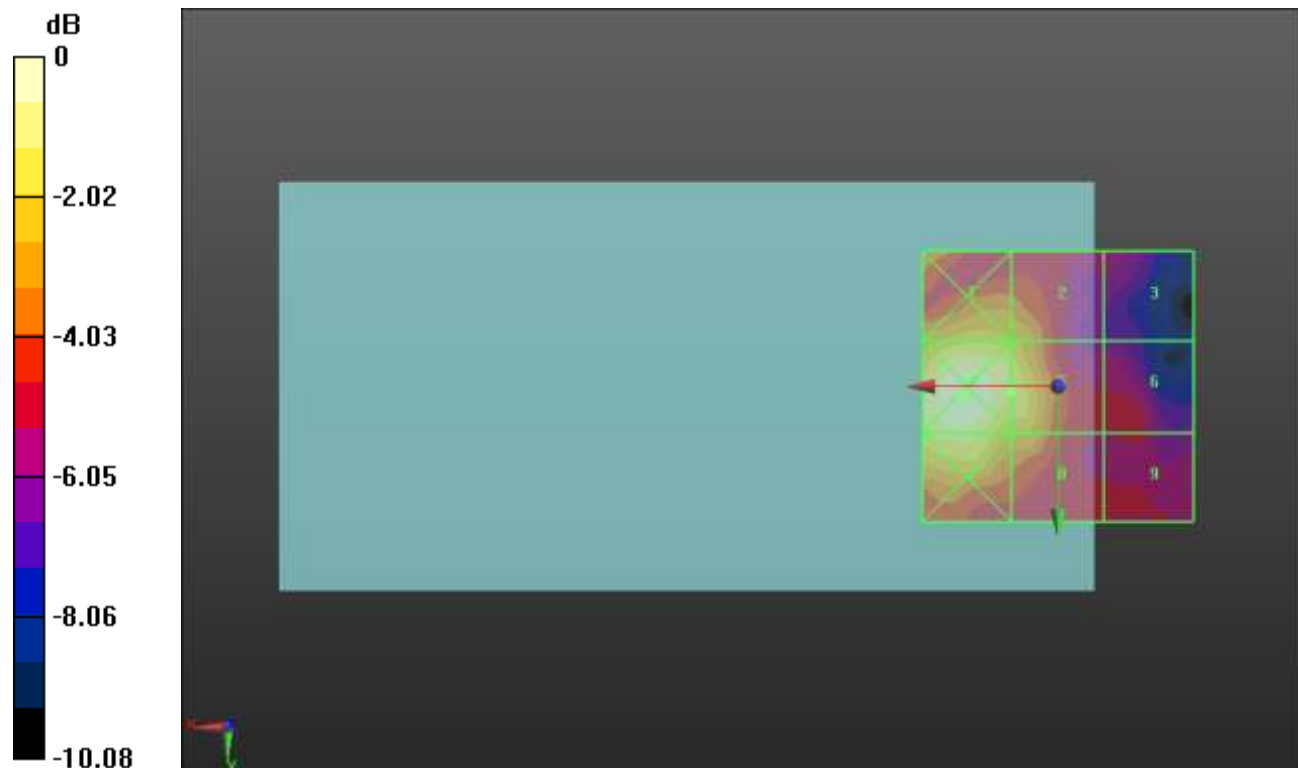
Applied MIF = -3.15 dB

RF audio interference level = 16.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.26 dBV/m	Grid 2 M4 15.83 dBV/m	Grid 3 M4 12.87 dBV/m
Grid 4 M4 18.39 dBV/m	Grid 5 M4 16.91 dBV/m	Grid 6 M4 13.46 dBV/m
Grid 7 M4 17.5 dBV/m	Grid 8 M4 15.83 dBV/m	Grid 9 M4 13.21 dBV/m



0 dB = 8.313 V/m = 18.40 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 104/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.60 V/m; Power Drift = -0.35 dB

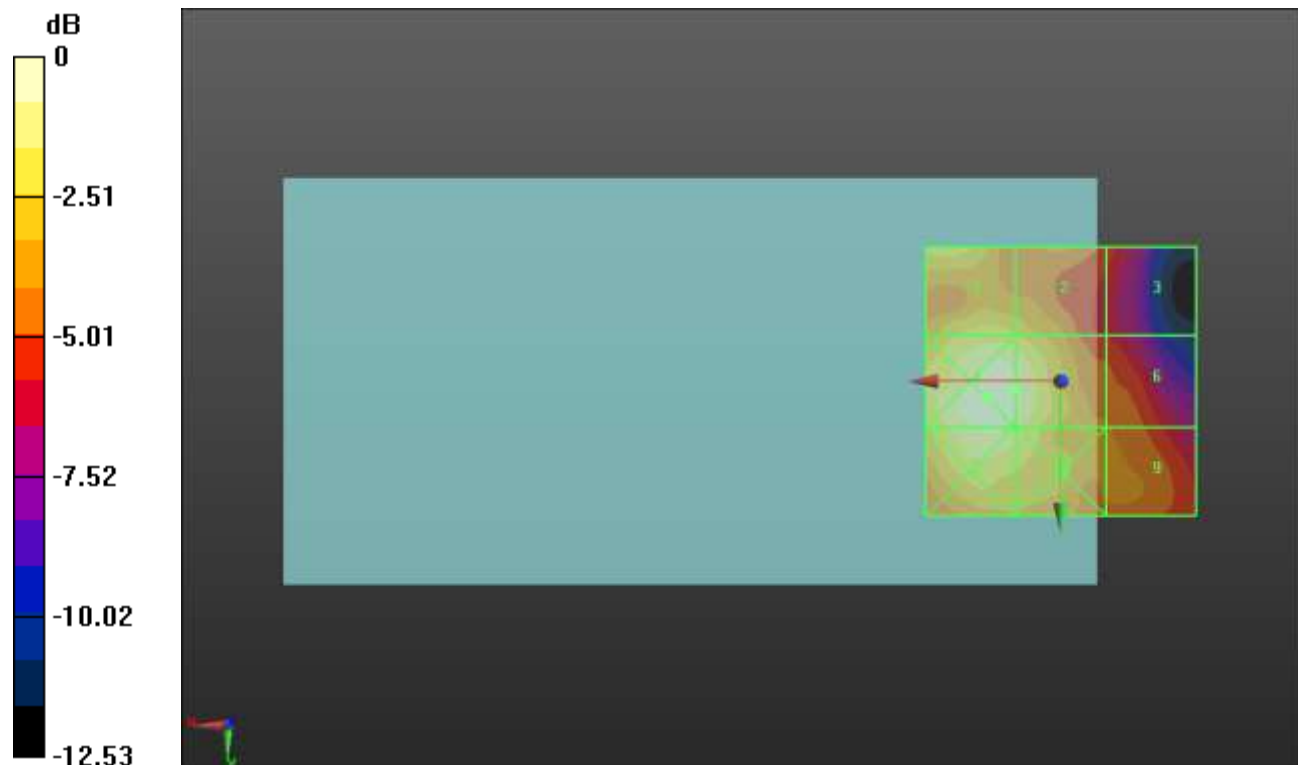
Applied MIF = -3.15 dB

RF audio interference level = 17.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.21 dBV/m	Grid 2 M4 15.66 dBV/m	Grid 3 M4 12.78 dBV/m
Grid 4 M4 18.01 dBV/m	Grid 5 M4 17.43 dBV/m	Grid 6 M4 13.88 dBV/m
Grid 7 M4 17.41 dBV/m	Grid 8 M4 16.85 dBV/m	Grid 9 M4 14.13 dBV/m



0 dB = 7.954 V/m = 18.01 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 124/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.97 V/m; Power Drift = -0.77 dB

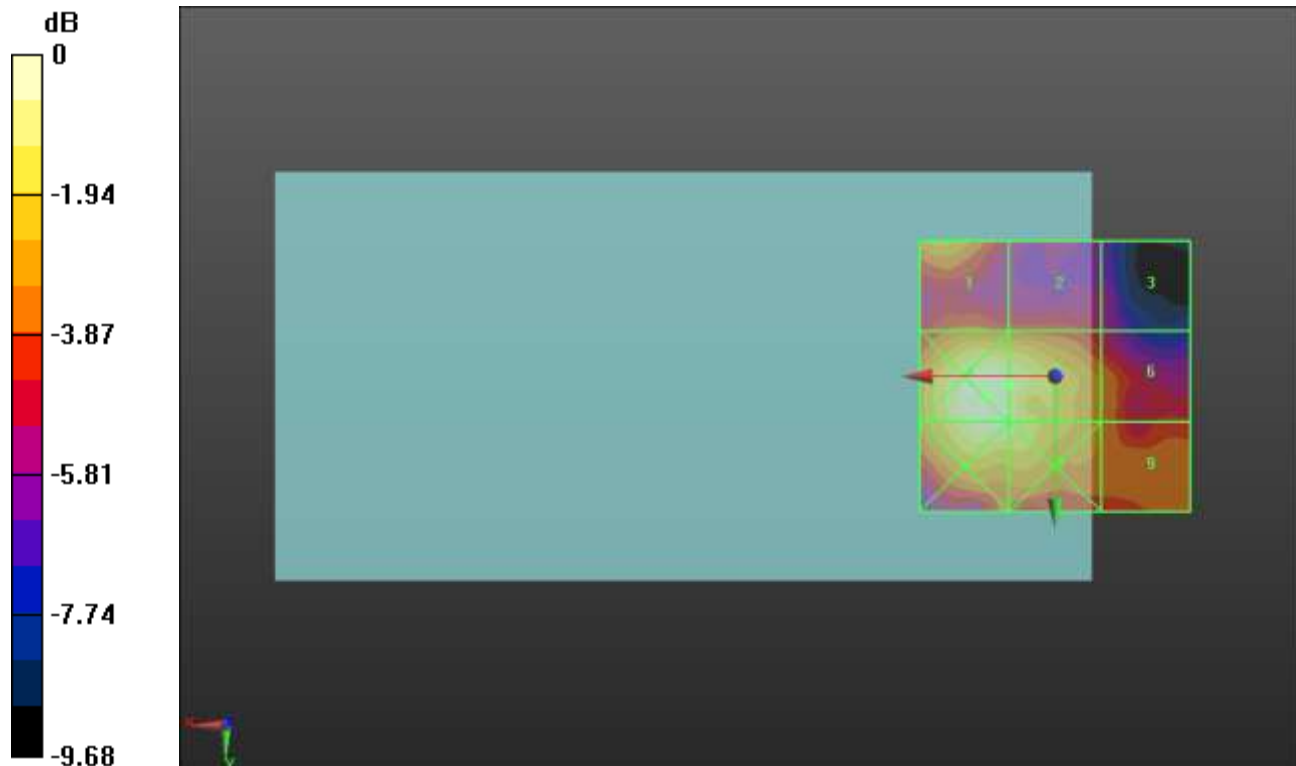
Applied MIF = -3.15 dB

RF audio interference level = 18.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.9 dBV/m	Grid 2 M4 15.19 dBV/m	Grid 3 M4 13.99 dBV/m
Grid 4 M4 19.2 dBV/m	Grid 5 M4 18.73 dBV/m	Grid 6 M4 16.07 dBV/m
Grid 7 M4 18.78 dBV/m	Grid 8 M4 18.37 dBV/m	Grid 9 M4 15.94 dBV/m



0 dB = 9.116 V/m = 19.20 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.64 V/m; Power Drift = -0.09 dB

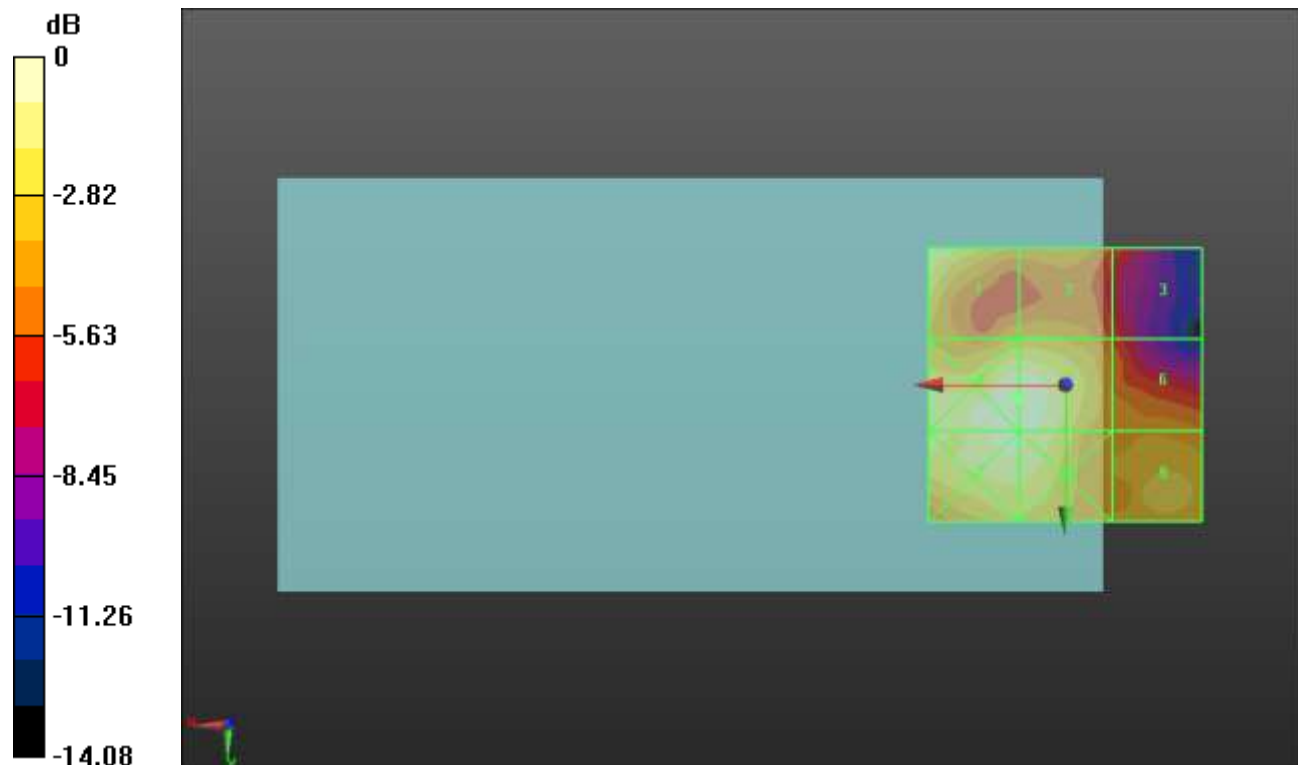
Applied MIF = -3.15 dB

RF audio interference level = 18.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.39 dBV/m	Grid 2 M4 14.5 dBV/m	Grid 3 M4 12.41 dBV/m
Grid 4 M4 18.03 dBV/m	Grid 5 M4 18.02 dBV/m	Grid 6 M4 14.14 dBV/m
Grid 7 M4 17.76 dBV/m	Grid 8 M4 17.65 dBV/m	Grid 9 M4 15.52 dBV/m



0 dB = 7.967 V/m = 18.03 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 149/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.44 V/m; Power Drift = 0.10 dB

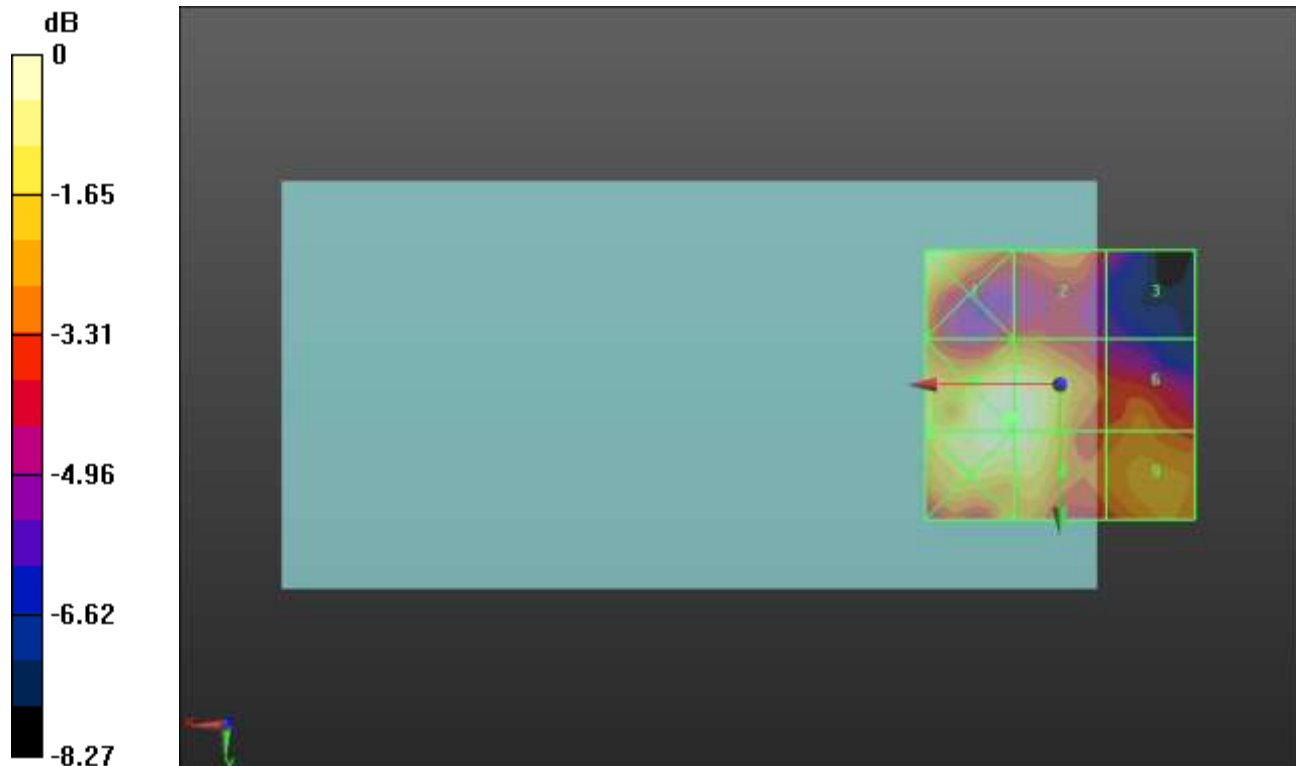
Applied MIF = -3.15 dB

RF audio interference level = 17.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.08 dBV/m	Grid 2 M4 14.85 dBV/m	Grid 3 M4 12.98 dBV/m
Grid 4 M4 17.23 dBV/m	Grid 5 M4 17.2 dBV/m	Grid 6 M4 14.62 dBV/m
Grid 7 M4 17.1 dBV/m	Grid 8 M4 17.04 dBV/m	Grid 9 M4 15.28 dBV/m



0 dB = 7.268 V/m = 17.23 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 157/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.42 V/m; Power Drift = -0.09 dB

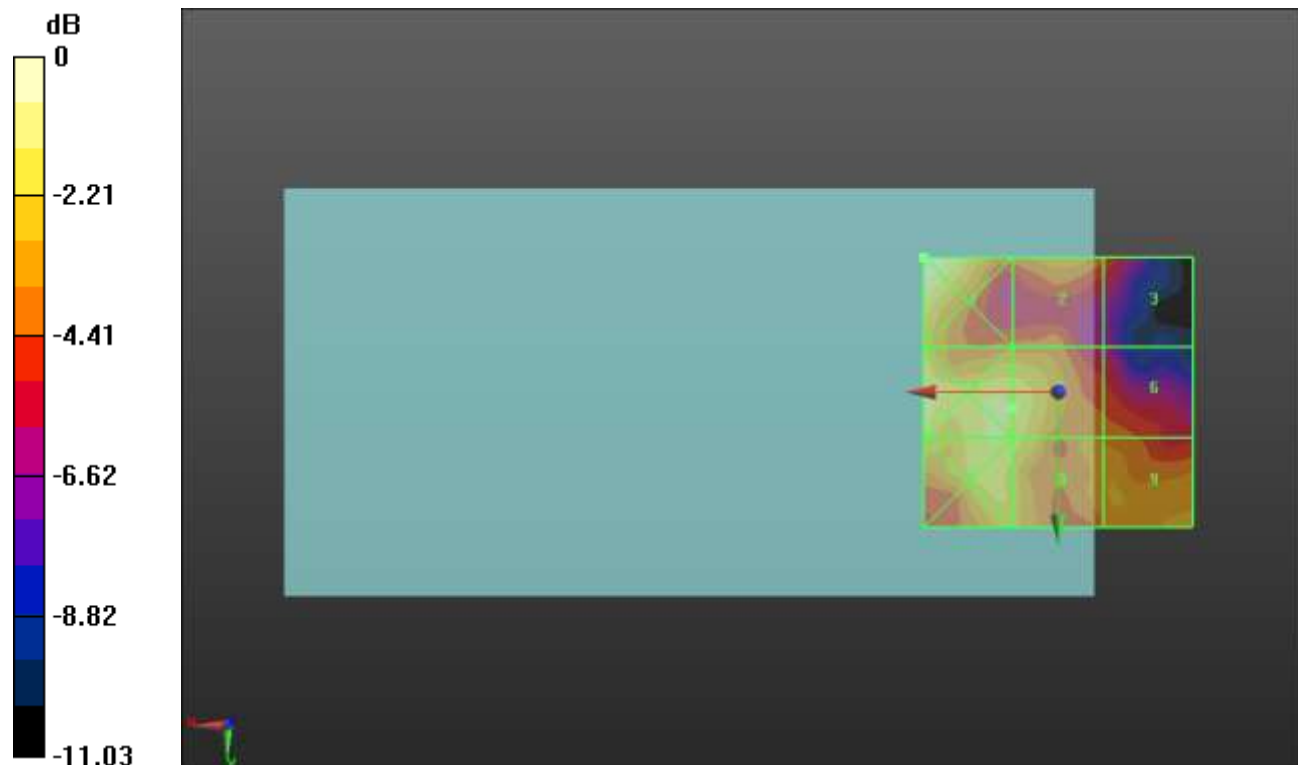
Applied MIF = -3.15 dB

RF audio interference level = 15.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.28 dBV/m	Grid 2 M4 14.11 dBV/m	Grid 3 M4 13.1 dBV/m
Grid 4 M4 16.4 dBV/m	Grid 5 M4 15.75 dBV/m	Grid 6 M4 13.5 dBV/m
Grid 7 M4 15.88 dBV/m	Grid 8 M4 15.52 dBV/m	Grid 9 M4 14.44 dBV/m



0 dB = 7.311 V/m = 17.28 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.115 V/m; Power Drift = 0.72 dB

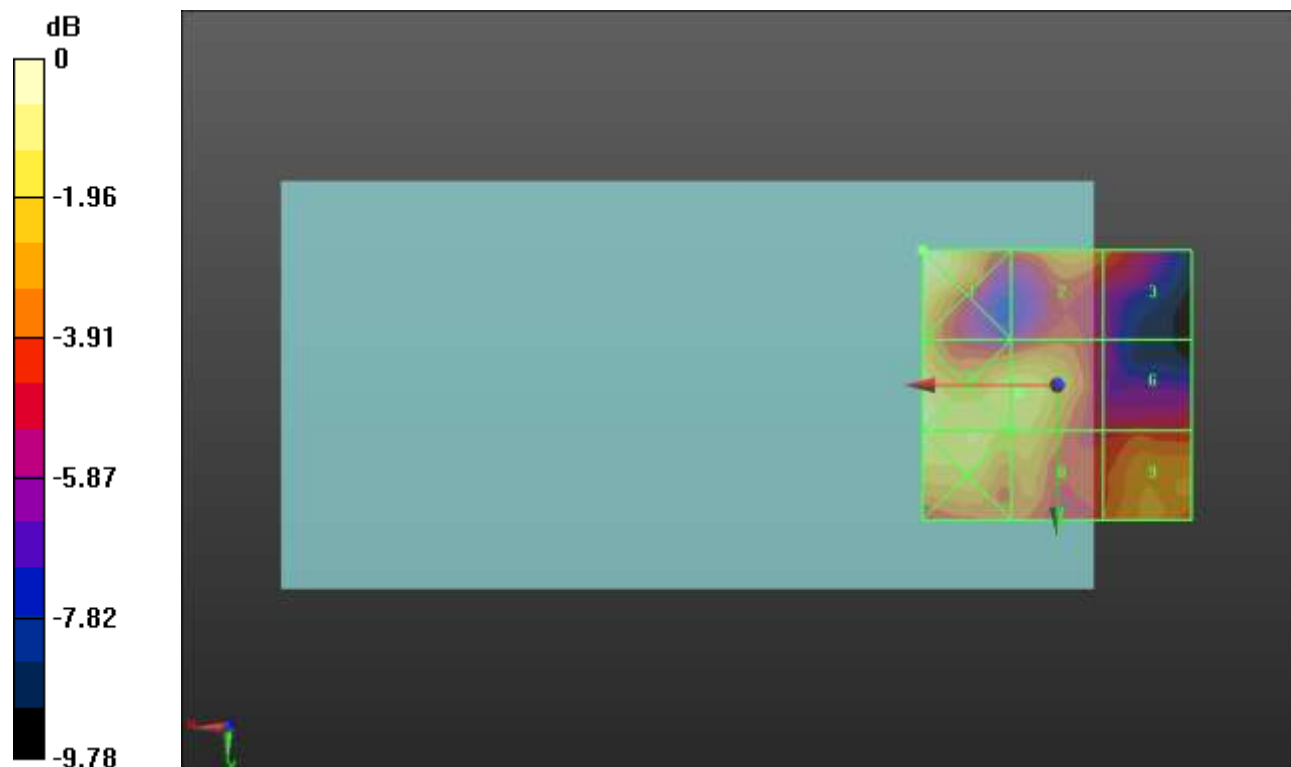
Applied MIF = -3.15 dB

RF audio interference level = 15.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.51 dBV/m	Grid 2 M4 14.08 dBV/m	Grid 3 M4 13.12 dBV/m
Grid 4 M4 16.14 dBV/m	Grid 5 M4 15.22 dBV/m	Grid 6 M4 12.29 dBV/m
Grid 7 M4 15.68 dBV/m	Grid 8 M4 14.63 dBV/m	Grid 9 M4 14.1 dBV/m



0 dB = 6.694 V/m = 16.51 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 = 11.49 V/m; Power Drift = -0.04 dB

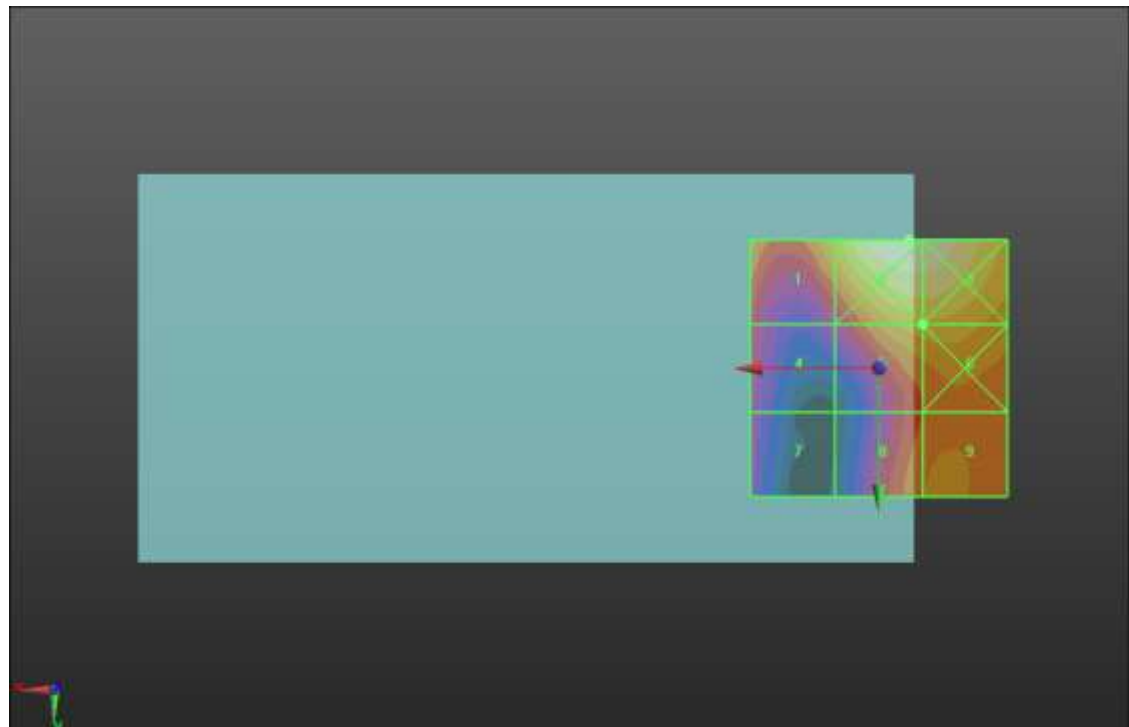
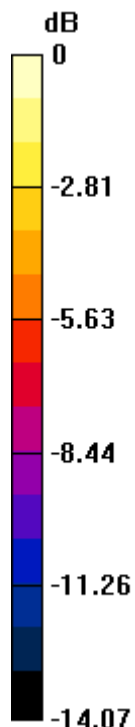
Applied MIF = -1.44 dB

RF audio interference level = 22.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.53 dBV/m	Grid 2 M4 25.69 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 19.15 dBV/m	Grid 5 M4 22.58 dBV/m	Grid 6 M4 22.69 dBV/m
Grid 7 M4 17.3 dBV/m	Grid 8 M4 20.98 dBV/m	Grid 9 M4 21.3 dBV/m



0 dB = 19.26 V/m = 25.69 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 = 10.72 V/m; Power Drift = -0.30 dB

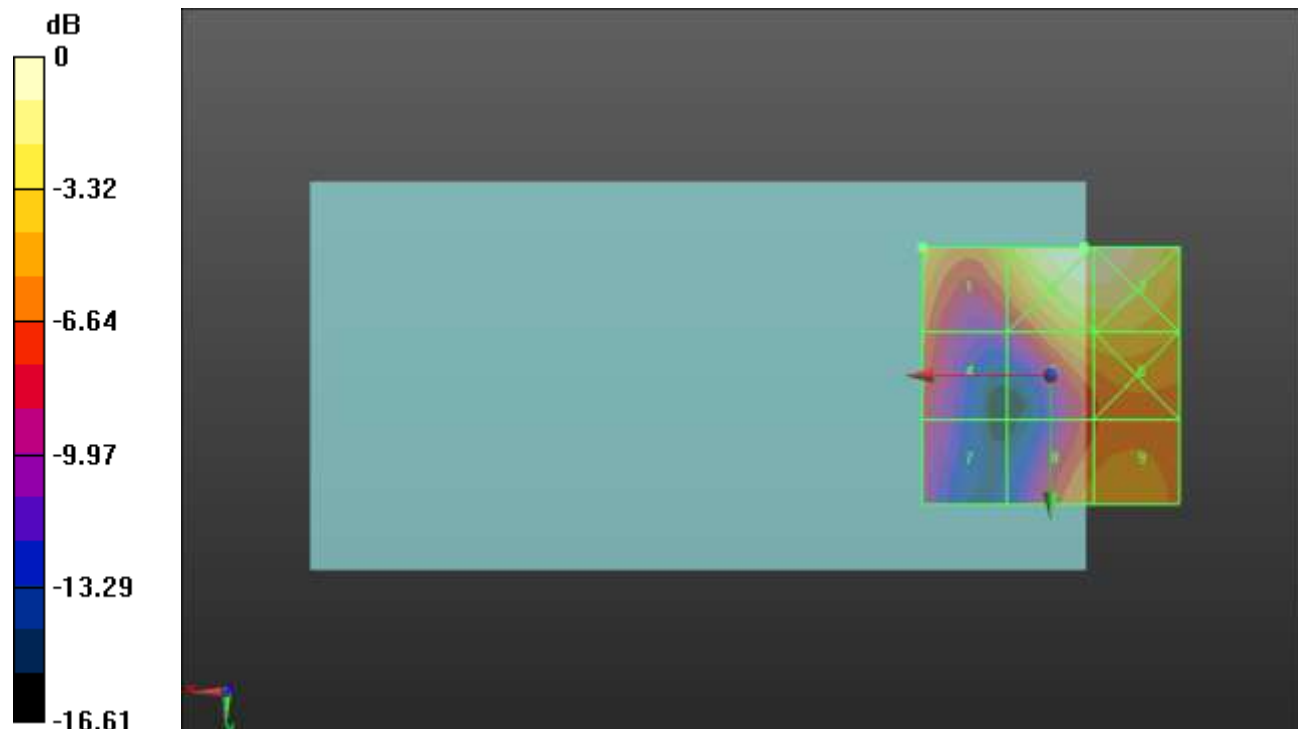
Applied MIF = -1.44 dB

RF audio interference level = 23.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.1 dBV/m	Grid 2 M4 26.35 dBV/m	Grid 3 M4 26.29 dBV/m
Grid 4 M4 20.2 dBV/m	Grid 5 M4 22.95 dBV/m	Grid 6 M4 23.13 dBV/m
Grid 7 M4 17.93 dBV/m	Grid 8 M4 21.45 dBV/m	Grid 9 M4 21.83 dBV/m



0 dB = 20.77 V/m = 26.35 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 40620/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.74 V/m; Power Drift = -0.14 dB

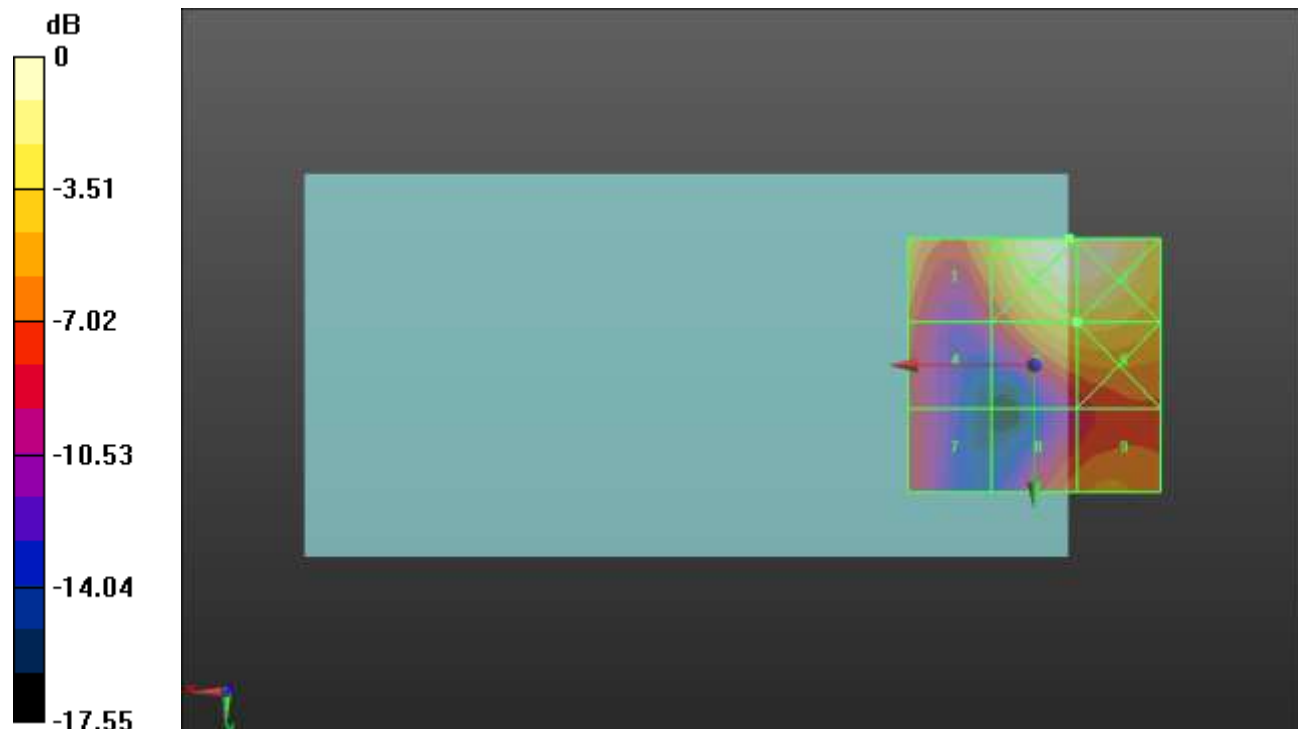
Applied MIF = -1.44 dB

RF audio interference level = 22.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.08 dBV/m	Grid 2 M4 25.87 dBV/m	Grid 3 M4 25.84 dBV/m
Grid 4 M4 18.66 dBV/m	Grid 5 M4 22.78 dBV/m	Grid 6 M4 22.93 dBV/m
Grid 7 M4 17.89 dBV/m	Grid 8 M4 19.61 dBV/m	Grid 9 M4 20.42 dBV/m



0 dB = 19.66 V/m = 25.87 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.895 V/m; Power Drift = -0.10 dB

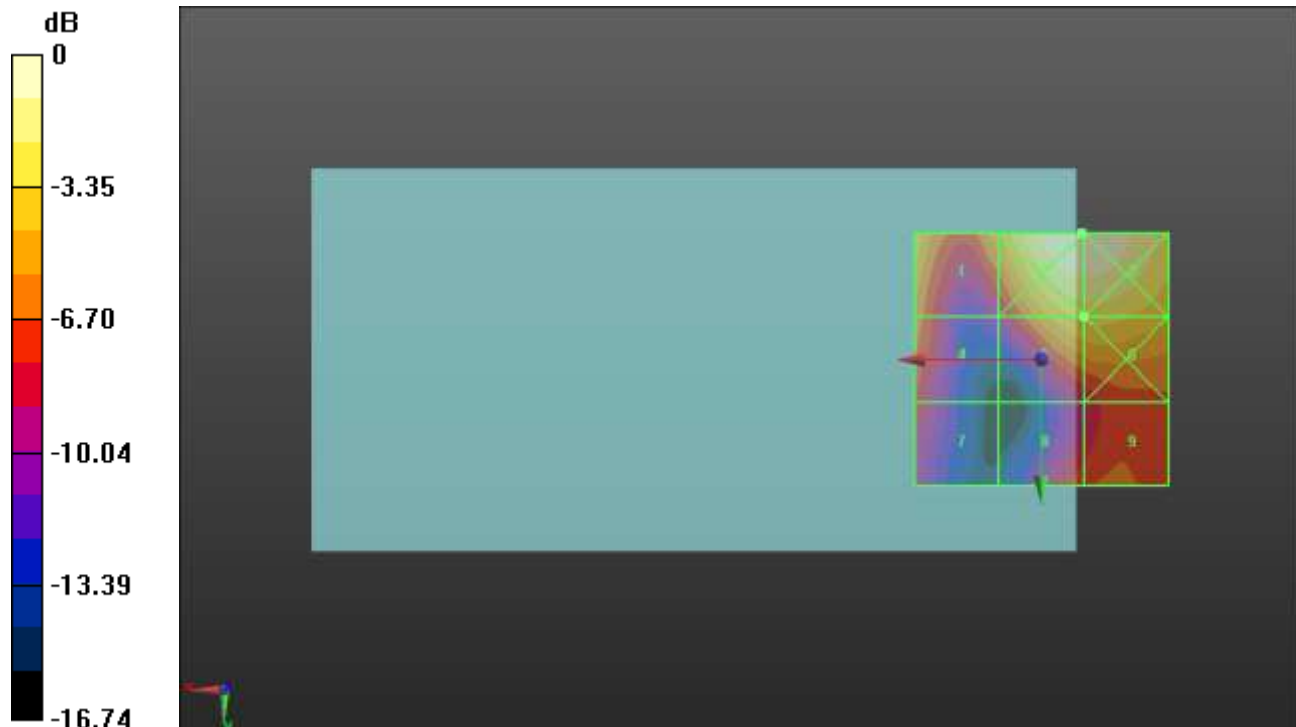
Applied MIF = -1.44 dB

RF audio interference level = 22.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.89 dBV/m	Grid 2 M4 25.04 dBV/m	Grid 3 M4 25.03 dBV/m
Grid 4 M4 19.33 dBV/m	Grid 5 M4 22.05 dBV/m	Grid 6 M4 22.18 dBV/m
Grid 7 M4 17.23 dBV/m	Grid 8 M4 18.07 dBV/m	Grid 9 M4 18.57 dBV/m



0 dB = 17.86 V/m = 25.04 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 41490/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.475 V/m; Power Drift = -0.18 dB

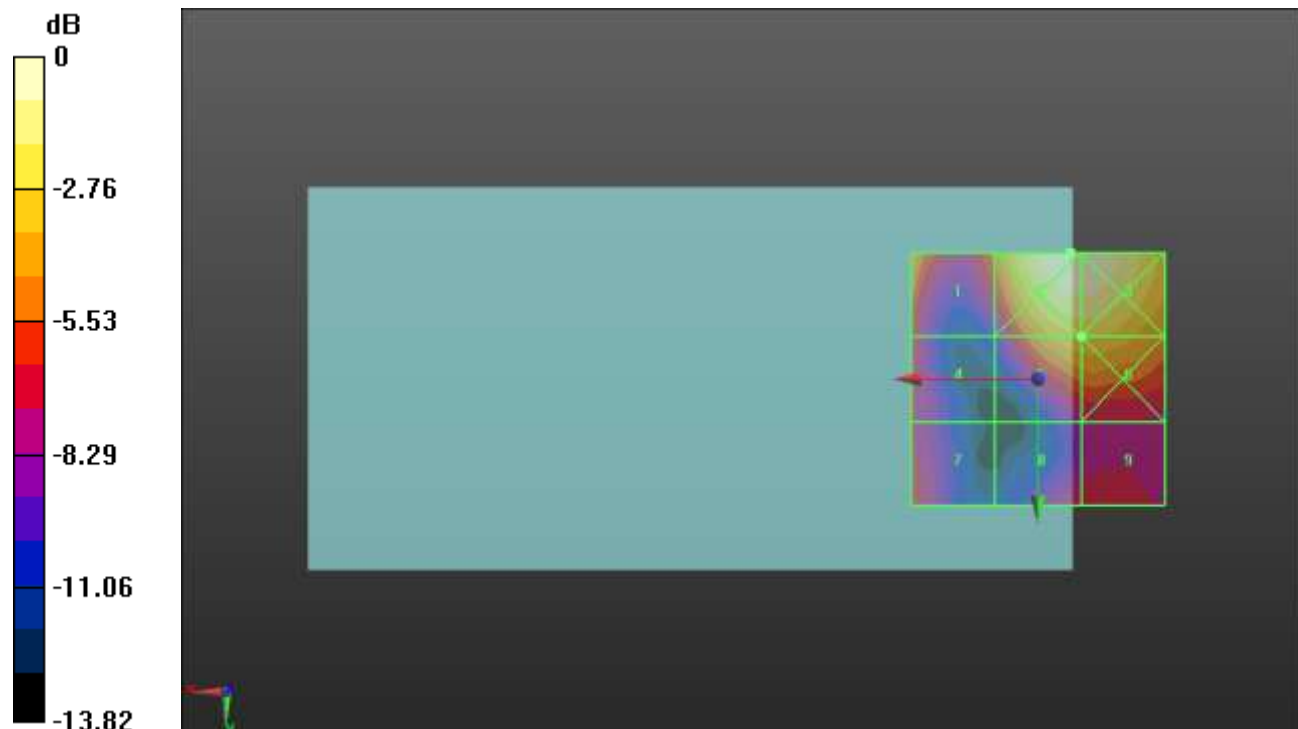
Applied MIF = -1.44 dB

RF audio interference level = 20.81 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.89 dBV/m	Grid 2 M4 23.5 dBV/m	Grid 3 M4 23.44 dBV/m
Grid 4 M4 17.2 dBV/m	Grid 5 M4 20.81 dBV/m	Grid 6 M4 20.88 dBV/m
Grid 7 M4 17.31 dBV/m	Grid 8 M4 16.73 dBV/m	Grid 9 M4 17.13 dBV/m



0 dB = 14.96 V/m = 23.50 dBV/m