

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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 38.86 V/m; Power Drift = -0.05 dB

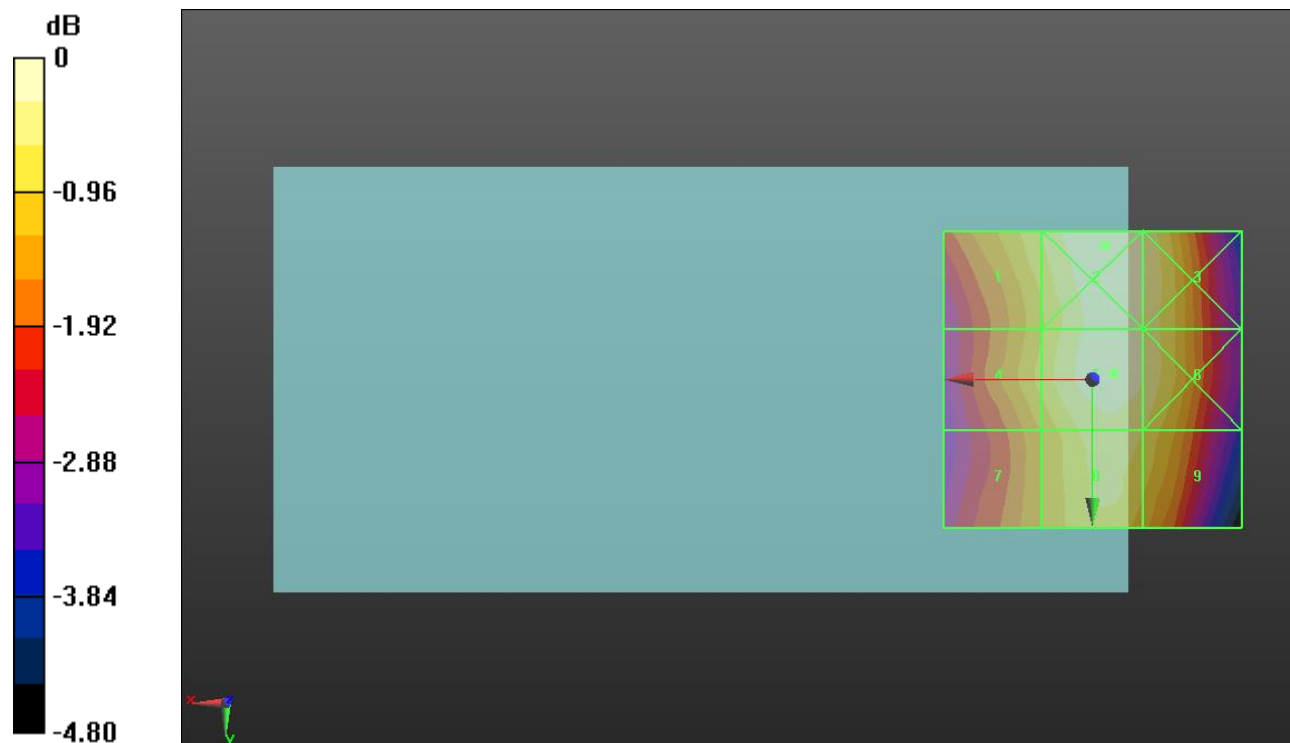
Applied MIF = 3.63 dB

RF audio interference level = 32.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.33 dBV/m	Grid 2 M4 32.95 dBV/m	Grid 3 M4 32.67 dBV/m
Grid 4 M4 32.12 dBV/m	Grid 5 M4 32.89 dBV/m	Grid 6 M4 32.63 dBV/m
Grid 7 M4 31.72 dBV/m	Grid 8 M4 32.55 dBV/m	Grid 9 M4 32.31 dBV/m



0 dB = 44.40 V/m = 32.95 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 42.02 V/m; Power Drift = -0.04 dB

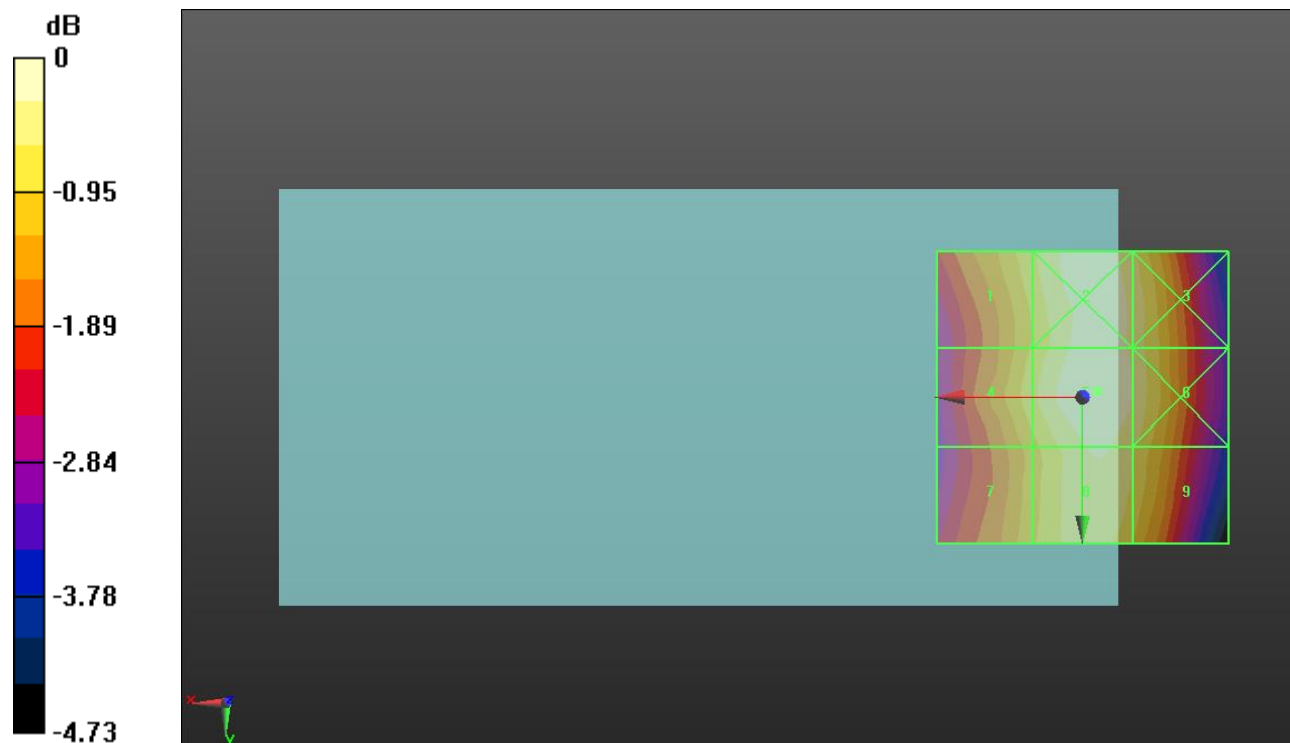
Applied MIF = 3.63 dB

RF audio interference level = 33.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.84 dBV/m	Grid 2 M4 33.41 dBV/m	Grid 3 M4 33.14 dBV/m
Grid 4 M4 32.8 dBV/m	Grid 5 M4 33.51 dBV/m	Grid 6 M4 33.19 dBV/m
Grid 7 M4 32.52 dBV/m	Grid 8 M4 33.23 dBV/m	Grid 9 M4 32.94 dBV/m



0 dB = 47.38 V/m = 33.51 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 44.99 V/m; Power Drift = -0.04 dB

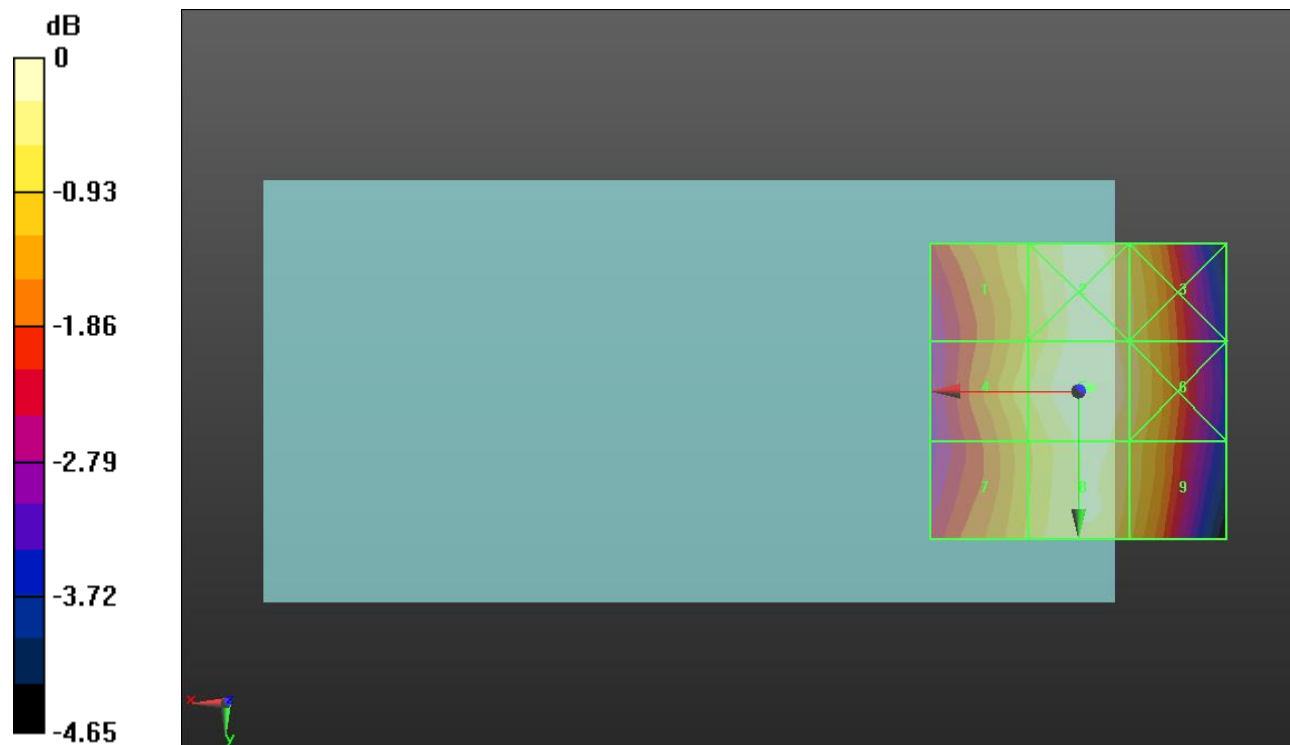
Applied MIF = 3.63 dB

RF audio interference level = 34.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.35 dBV/m	Grid 2 M4 33.95 dBV/m	Grid 3 M4 33.61 dBV/m
Grid 4 M4 33.45 dBV/m	Grid 5 M4 34.1 dBV/m	Grid 6 M4 33.71 dBV/m
Grid 7 M4 33.24 dBV/m	Grid 8 M4 33.86 dBV/m	Grid 9 M4 33.51 dBV/m



0 dB = 50.71 V/m = 34.10 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 16.51 V/m; Power Drift = 0.03 dB

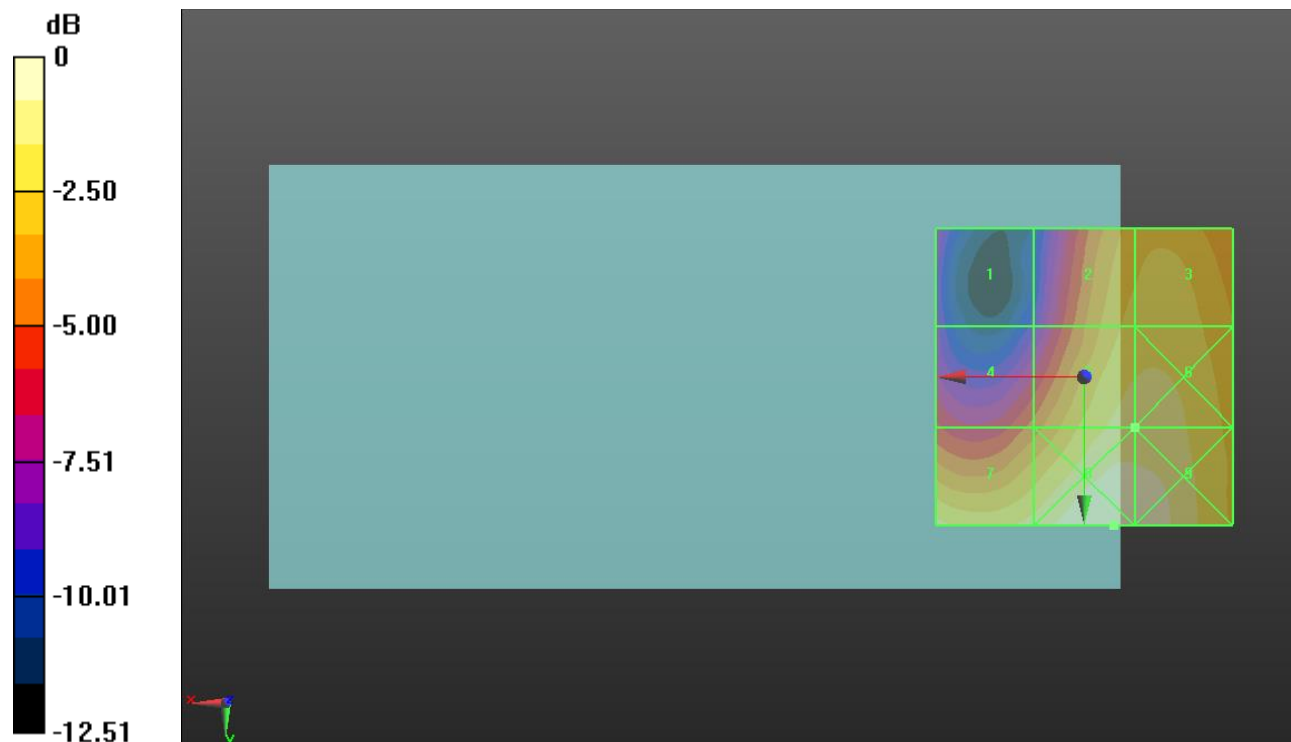
Applied MIF = 3.63 dB

RF audio interference level = 27.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.61 dBV/m	Grid 2 M4 26.89 dBV/m	Grid 3 M4 27.1 dBV/m
Grid 4 M4 24.48 dBV/m	Grid 5 M4 27.83 dBV/m	Grid 6 M4 27.87 dBV/m
Grid 7 M4 27.77 dBV/m	Grid 8 M4 29.06 dBV/m	Grid 9 M4 28.95 dBV/m



0 dB = 28.39 V/m = 29.06 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 14.81 V/m; Power Drift = -0.05 dB

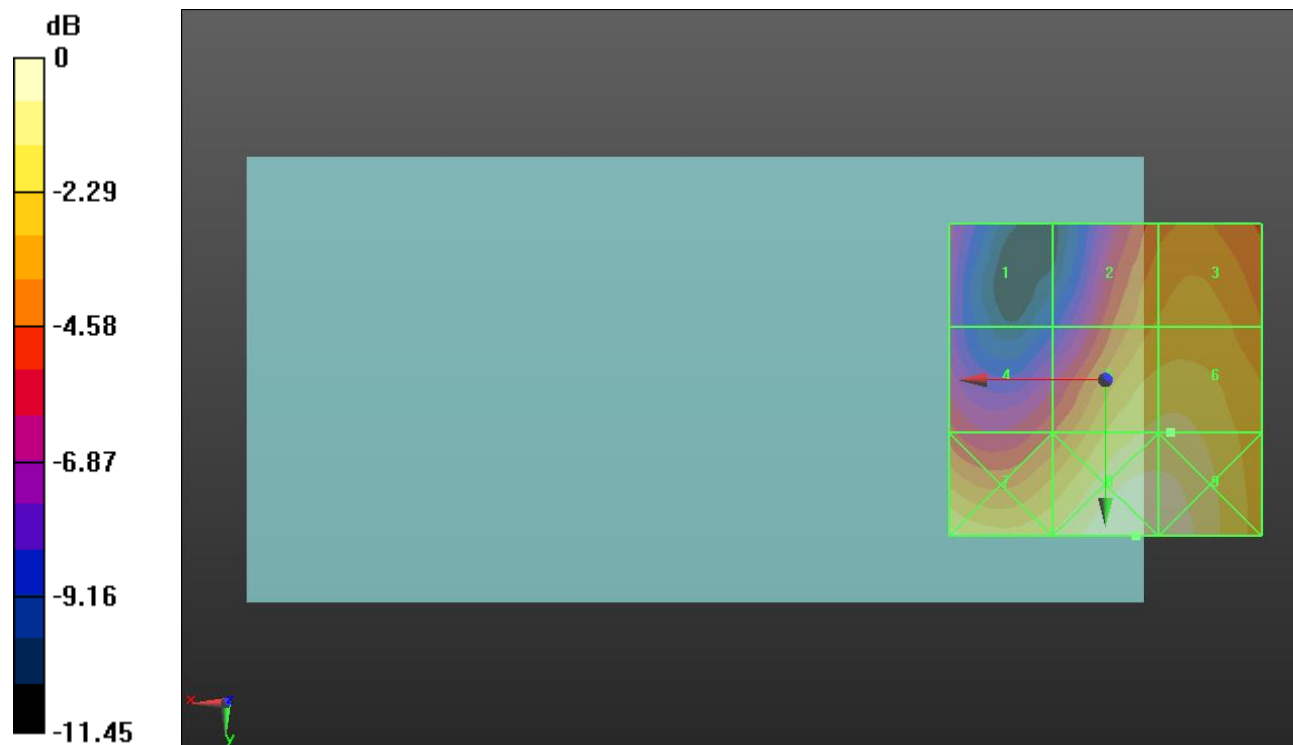
Applied MIF = 3.63 dB

RF audio interference level = 27.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.22 dBV/m	Grid 2 M4 25.67 dBV/m	Grid 3 M4 25.96 dBV/m
Grid 4 M4 23.99 dBV/m	Grid 5 M4 27.27 dBV/m	Grid 6 M4 27.3 dBV/m
Grid 7 M4 27.48 dBV/m	Grid 8 M4 28.58 dBV/m	Grid 9 M4 28.47 dBV/m



0 dB = 26.87 V/m = 28.59 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 14.64 V/m; Power Drift = 0.03 dB

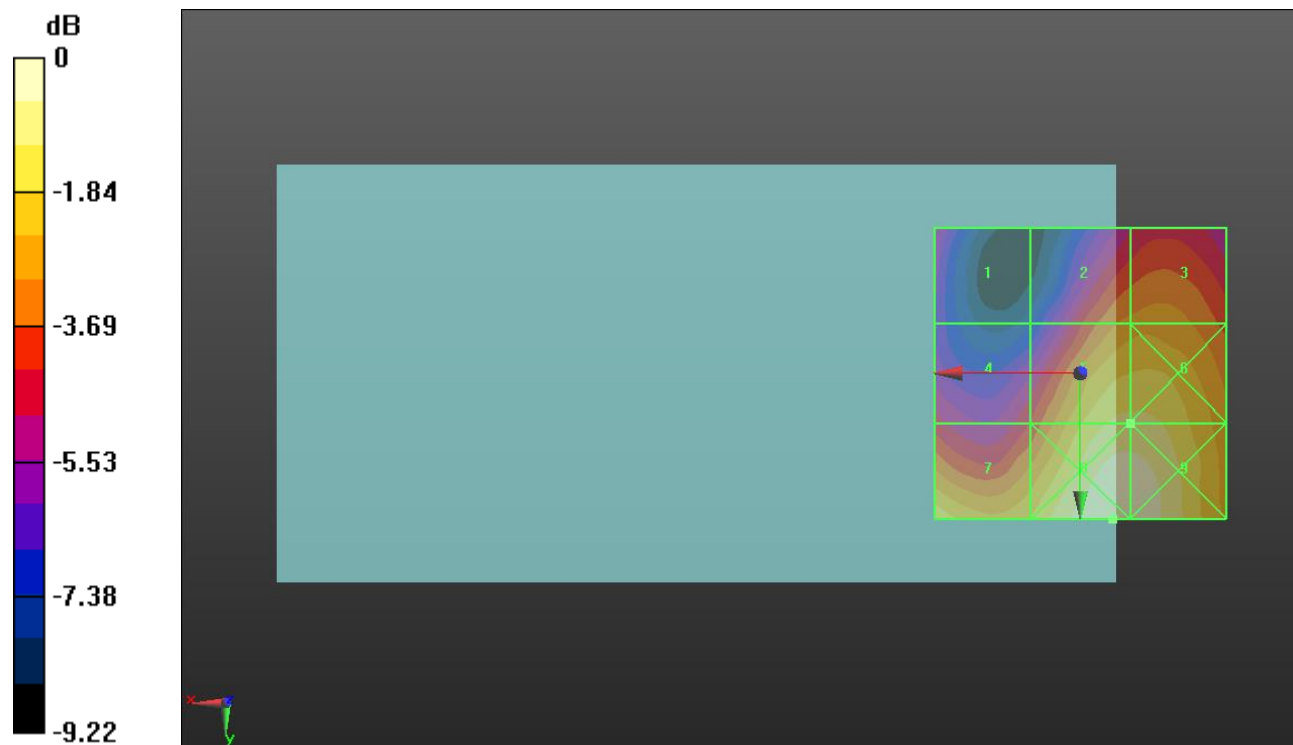
Applied MIF = 3.63 dB

RF audio interference level = 27.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.91 dBV/m	Grid 2 M4 25.27 dBV/m	Grid 3 M4 25.45 dBV/m
Grid 4 M4 23.91 dBV/m	Grid 5 M4 27.1 dBV/m	Grid 6 M4 27.1 dBV/m
Grid 7 M4 26.88 dBV/m	Grid 8 M4 28.12 dBV/m	Grid 9 M4 28.01 dBV/m



0 dB = 25.48 V/m = 28.12 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 18.73 V/m; Power Drift = 0.02 dB

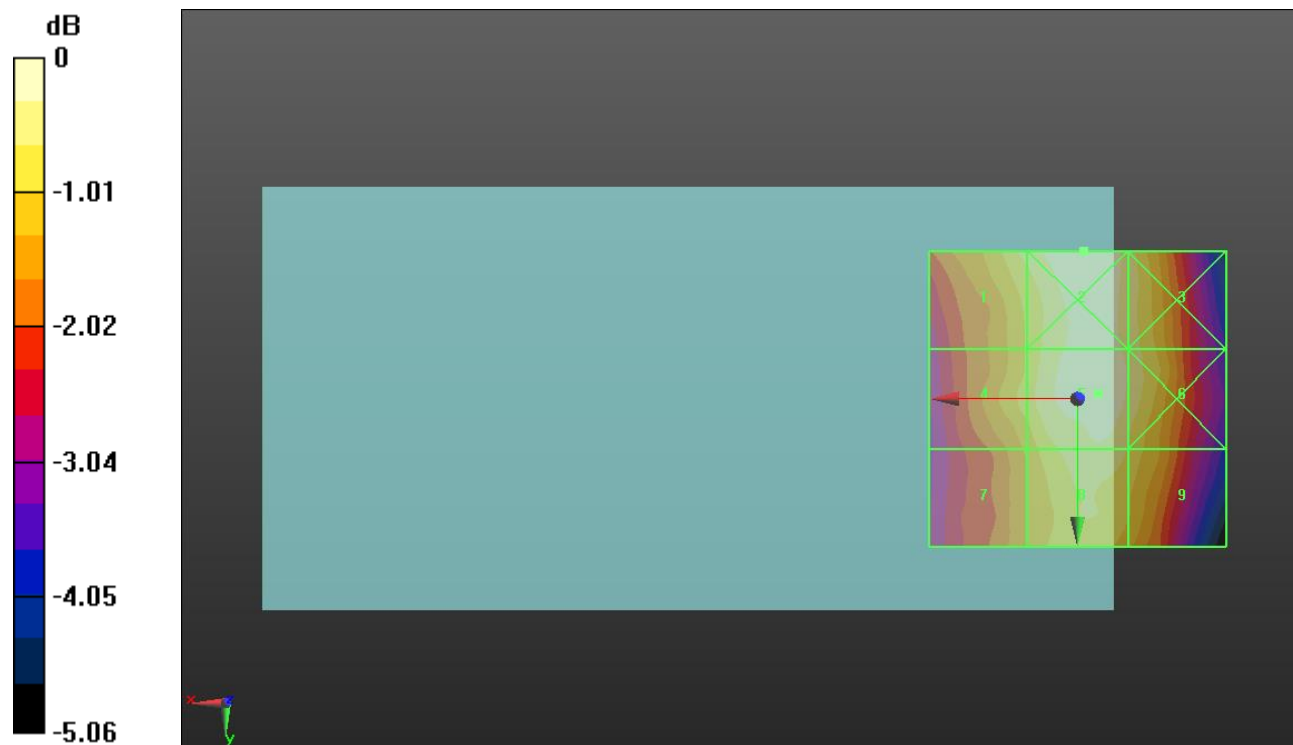
Applied MIF = 3.26 dB

RF audio interference level = 26.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.76 dBV/m	Grid 2 M4 26.28 dBV/m	Grid 3 M4 25.85 dBV/m
Grid 4 M4 25.46 dBV/m	Grid 5 M4 26.25 dBV/m	Grid 6 M4 25.92 dBV/m
Grid 7 M4 25.02 dBV/m	Grid 8 M4 25.9 dBV/m	Grid 9 M4 25.58 dBV/m



0 dB = 20.60 V/m = 26.28 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 19.67 V/m; Power Drift = -0.06 dB

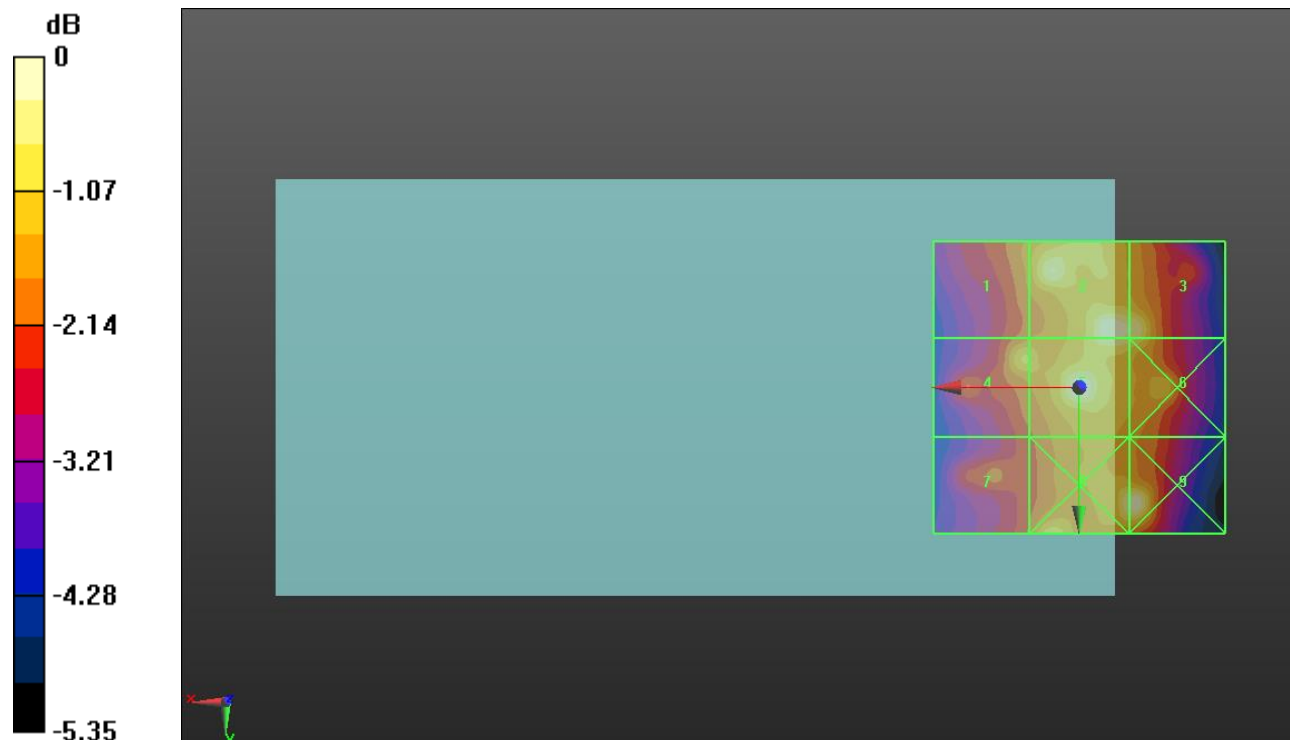
Applied MIF = 3.26 dB

RF audio interference level = 27.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.21 dBV/m	Grid 2 M4 27.67 dBV/m	Grid 3 M4 27.4 dBV/m
Grid 4 M4 26.71 dBV/m	Grid 5 M4 27.72 dBV/m	Grid 6 M4 27.23 dBV/m
Grid 7 M4 25.75 dBV/m	Grid 8 M4 27.55 dBV/m	Grid 9 M4 27.71 dBV/m



0 dB = 24.33 V/m = 27.72 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 20.20 V/m; Power Drift = 0.00 dB

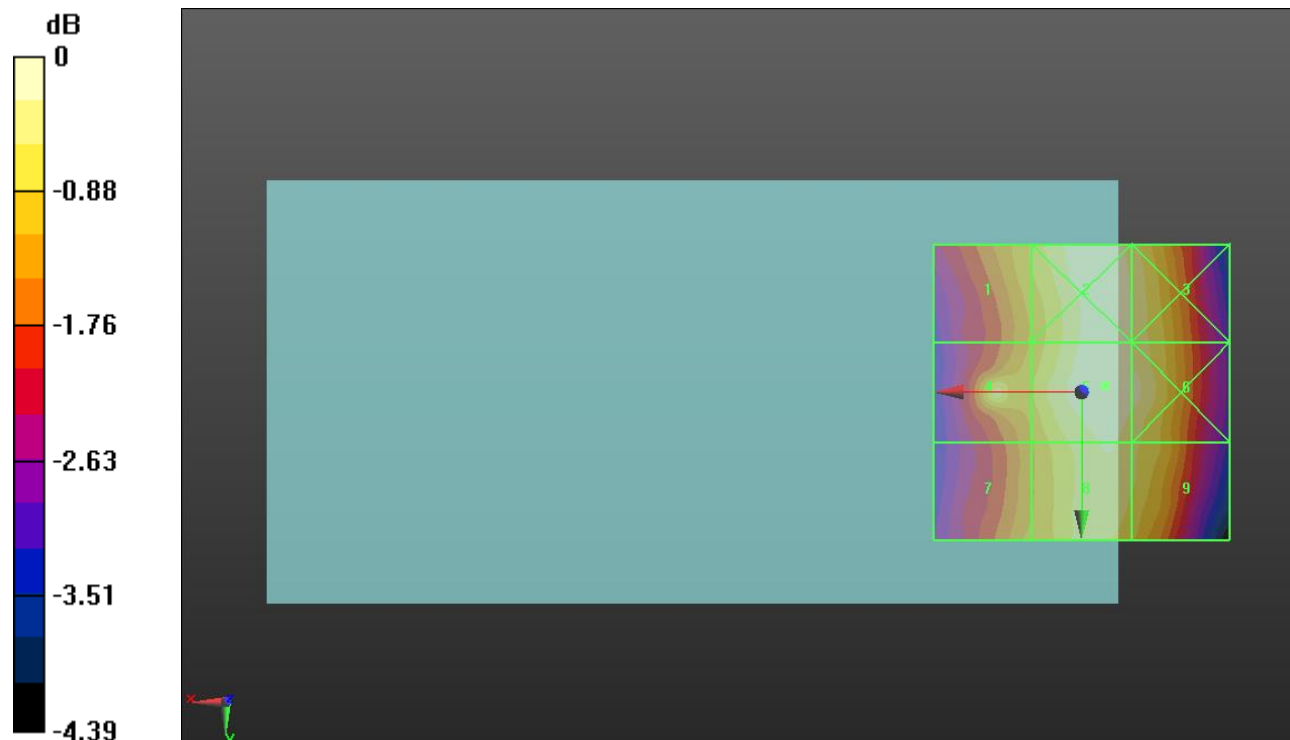
Applied MIF = 3.26 dB

RF audio interference level = 27.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.19 dBV/m	Grid 2 M4 26.96 dBV/m	Grid 3 M4 26.71 dBV/m
Grid 4 M4 26.51 dBV/m	Grid 5 M4 27.01 dBV/m	Grid 6 M4 26.85 dBV/m
Grid 7 M4 25.96 dBV/m	Grid 8 M4 26.75 dBV/m	Grid 9 M4 26.55 dBV/m



0 dB = 22.42 V/m = 27.01 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 9.547 V/m; Power Drift = -0.07 dB

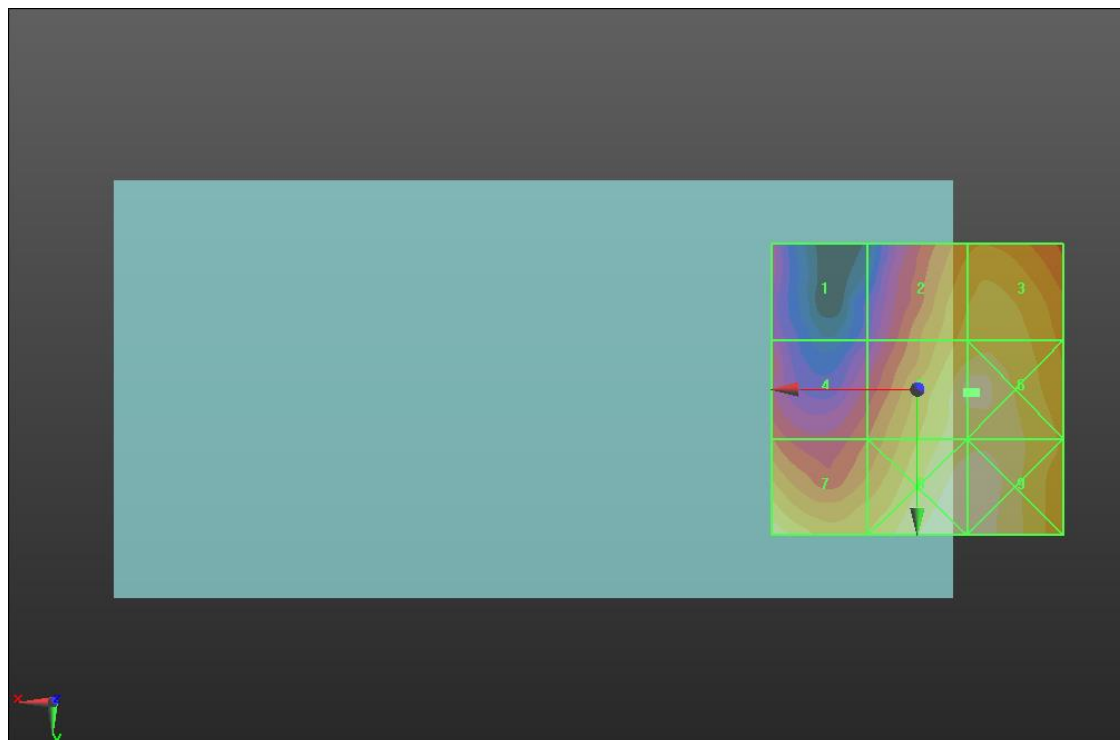
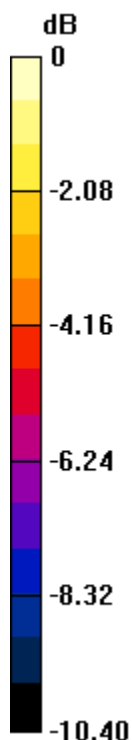
Applied MIF = 3.26 dB

RF audio interference level = 22.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.81 dBV/m	Grid 2 M4 21.53 dBV/m	Grid 3 M4 21.76 dBV/m
Grid 4 M4 19.25 dBV/m	Grid 5 M4 22.97 dBV/m	Grid 6 M4 23.3 dBV/m
Grid 7 M4 22.55 dBV/m	Grid 8 M4 22.95 dBV/m	Grid 9 M4 22.93 dBV/m



0 dB = 14.62 V/m = 23.30 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 9.514 V/m; Power Drift = 0.02 dB

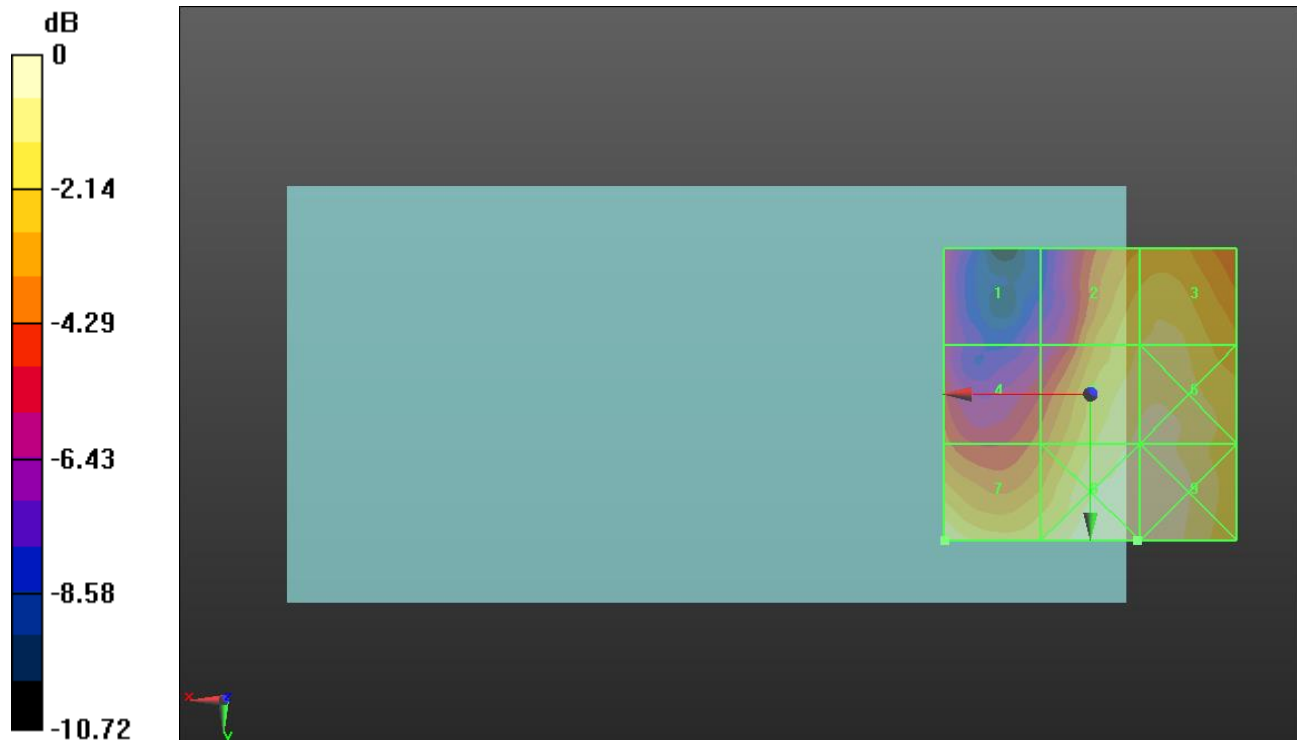
Applied MIF = 3.26 dB

RF audio interference level = 22.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.5 dBV/m	Grid 2 M4 21.63 dBV/m	Grid 3 M4 21.89 dBV/m
Grid 4 M4 19.18 dBV/m	Grid 5 M4 22.52 dBV/m	Grid 6 M4 22.59 dBV/m
Grid 7 M4 22.58 dBV/m	Grid 8 M4 23.05 dBV/m	Grid 9 M4 23.05 dBV/m



0 dB = 14.21 V/m = 23.05 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 9.579 V/m; Power Drift = 0.04 dB

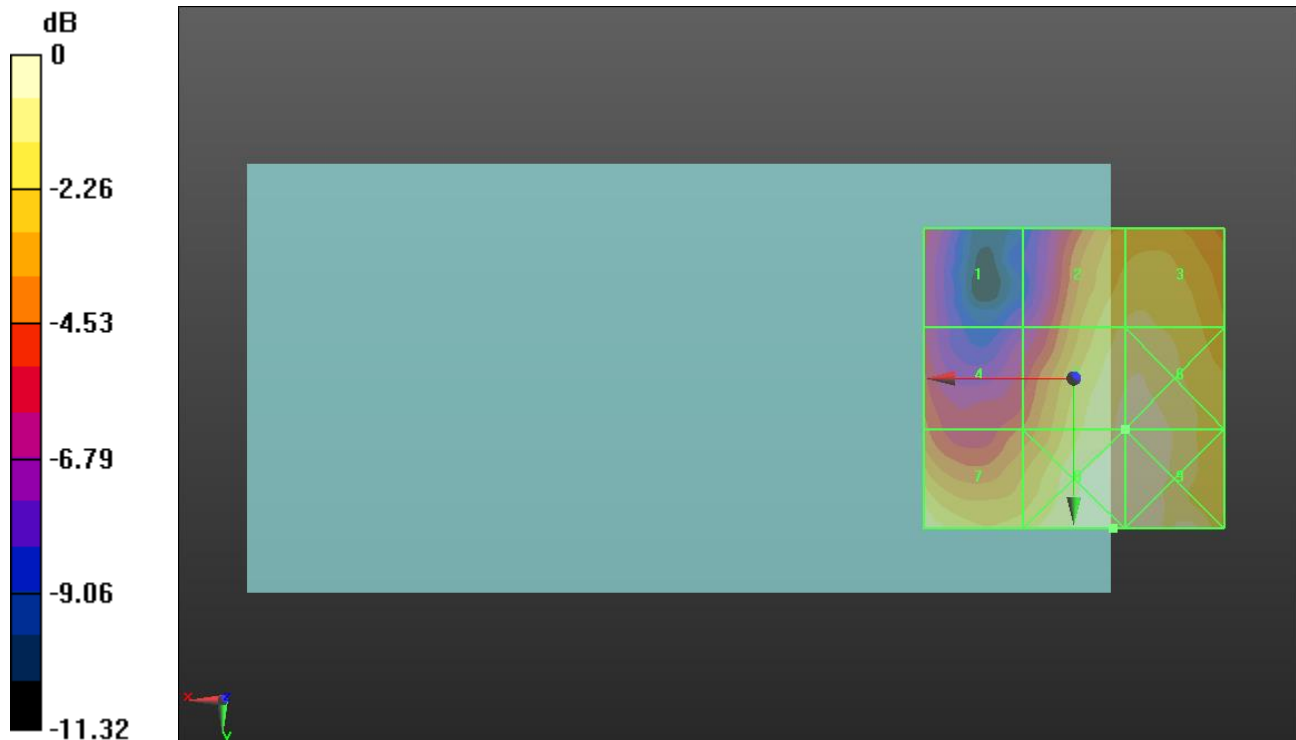
Applied MIF = 3.26 dB

RF audio interference level = 22.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.86 dBV/m	Grid 2 M4 21.87 dBV/m	Grid 3 M4 22 dBV/m
Grid 4 M4 19.1 dBV/m	Grid 5 M4 22.76 dBV/m	Grid 6 M4 22.87 dBV/m
Grid 7 M4 22.56 dBV/m	Grid 8 M4 23.27 dBV/m	Grid 9 M4 23.19 dBV/m



0 dB = 14.57 V/m = 23.27 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 16.68 V/m; Power Drift = -0.07 dB

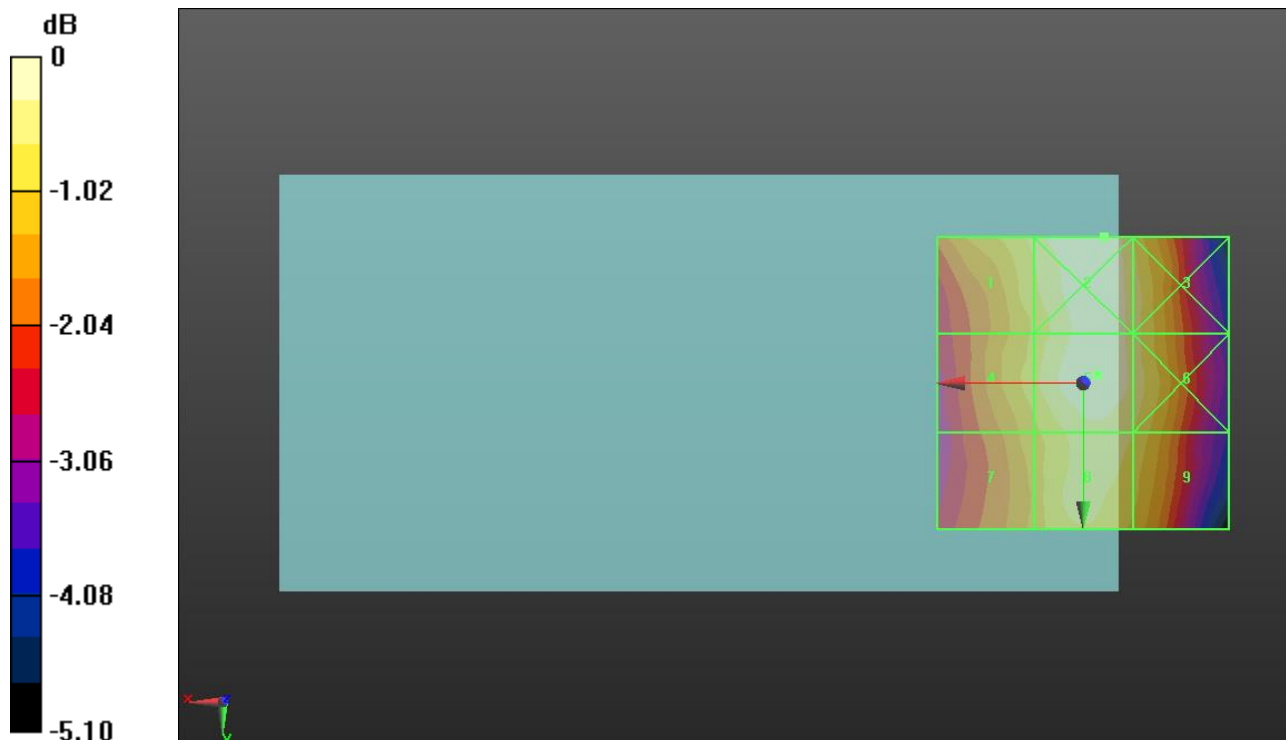
Applied MIF = 3.26 dB

RF audio interference level = 25.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.68 dBV/m	Grid 2 M4 25.26 dBV/m	Grid 3 M4 24.78 dBV/m
Grid 4 M4 24.46 dBV/m	Grid 5 M4 25.2 dBV/m	Grid 6 M4 24.83 dBV/m
Grid 7 M4 24.15 dBV/m	Grid 8 M4 24.83 dBV/m	Grid 9 M4 24.57 dBV/m



0 dB = 18.31 V/m = 25.25 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 17.21 V/m; Power Drift = 0.02 dB

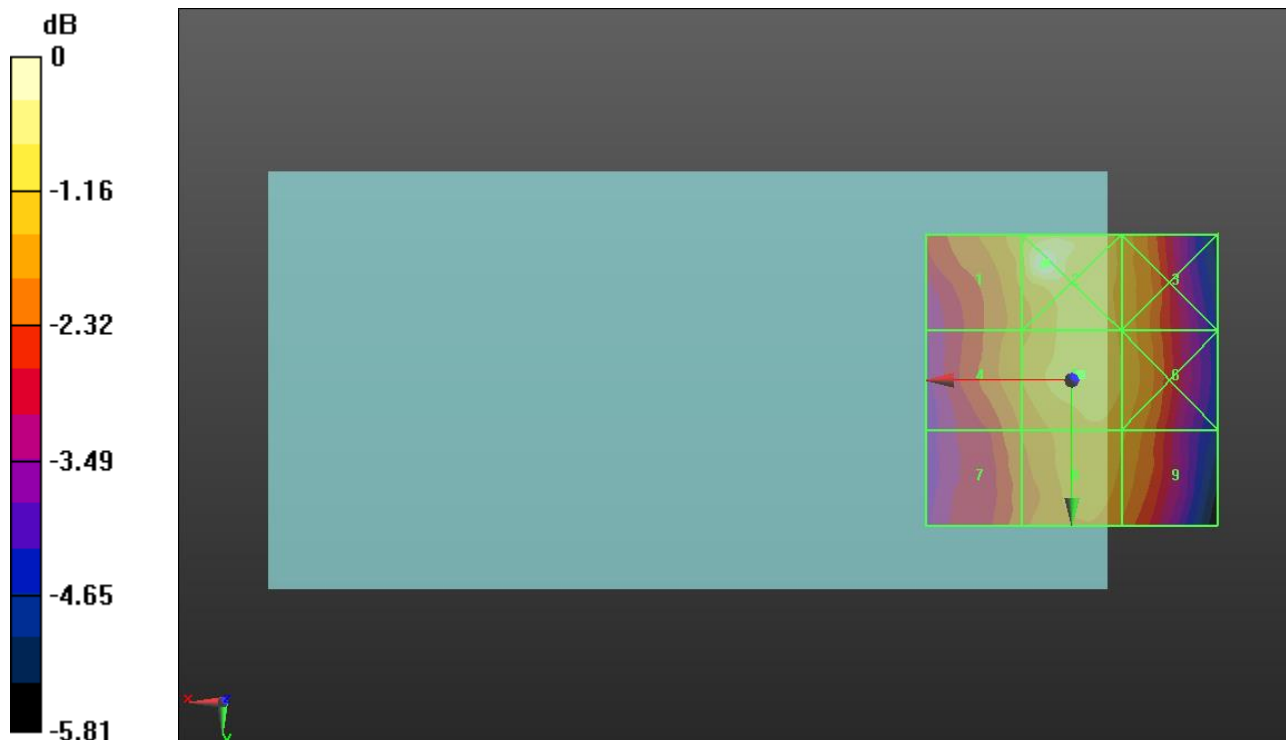
Applied MIF = 3.26 dB

RF audio interference level = 25.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.1 dBV/m	Grid 2 M4 26.28 dBV/m	Grid 3 M4 25.06 dBV/m
Grid 4 M4 24.76 dBV/m	Grid 5 M4 25.48 dBV/m	Grid 6 M4 25.15 dBV/m
Grid 7 M4 24.4 dBV/m	Grid 8 M4 25.05 dBV/m	Grid 9 M4 24.83 dBV/m



0 dB = 20.61 V/m = 26.28 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 18.15 V/m; Power Drift = -0.05 dB

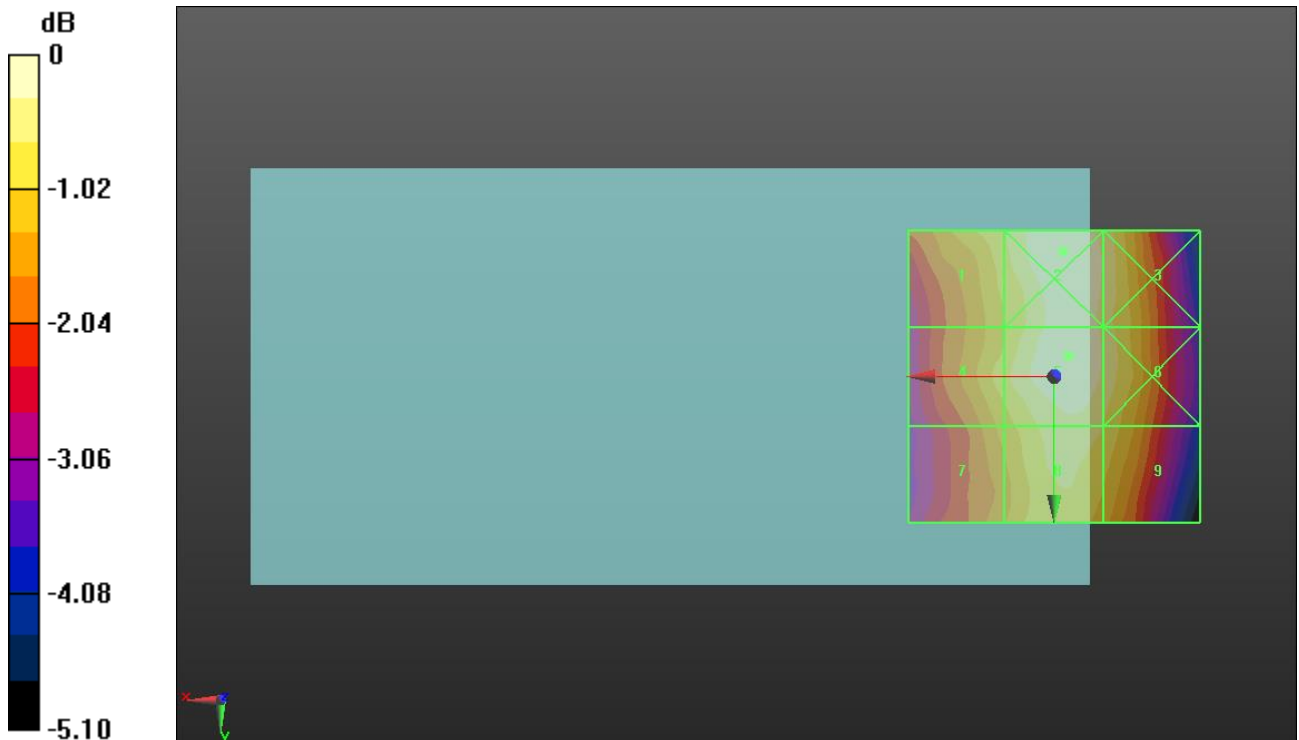
Applied MIF = 3.26 dB

RF audio interference level = 25.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.26 dBV/m	Grid 2 M4 25.94 dBV/m	Grid 3 M4 25.57 dBV/m
Grid 4 M4 25.15 dBV/m	Grid 5 M4 25.92 dBV/m	Grid 6 M4 25.56 dBV/m
Grid 7 M4 24.74 dBV/m	Grid 8 M4 25.5 dBV/m	Grid 9 M4 25.25 dBV/m



0 dB = 19.81 V/m = 25.94 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 16.20 V/m; Power Drift = -0.00 dB

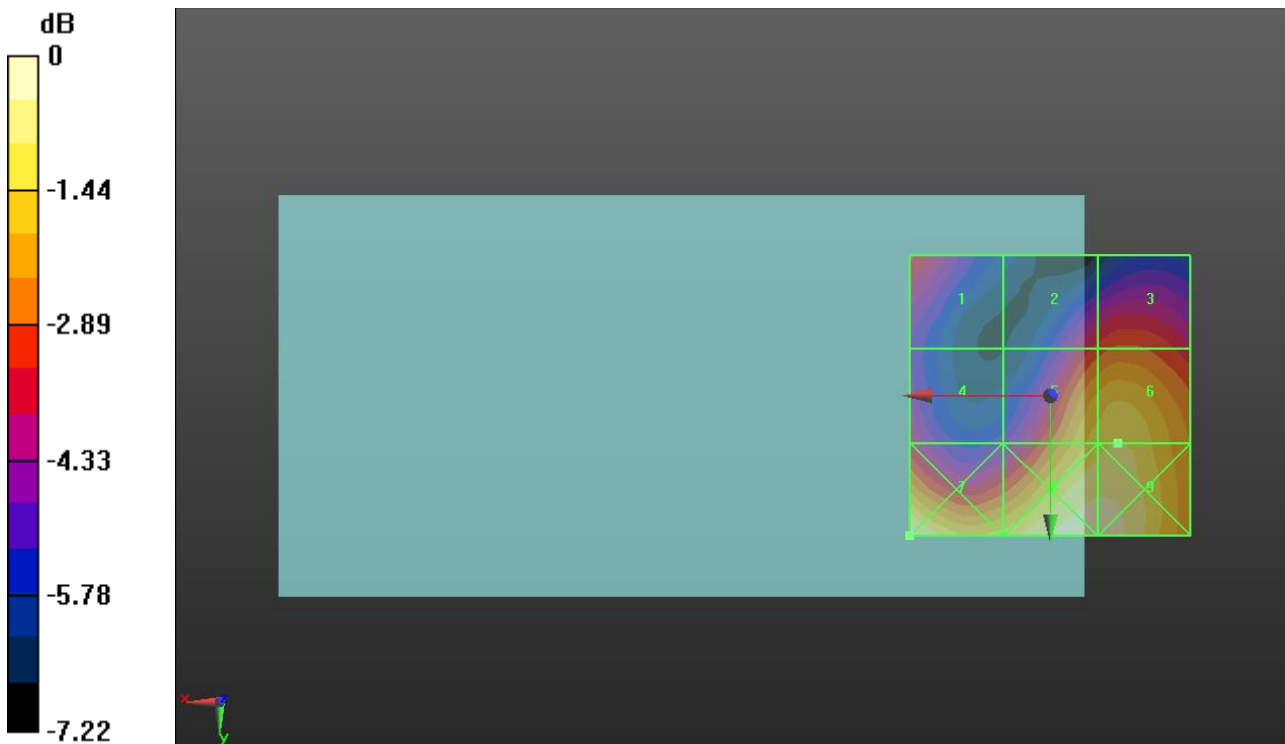
Applied MIF = -1.44 dB

RF audio interference level = 23.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.66 dBV/m	Grid 2 M4 21.72 dBV/m	Grid 3 M4 22.09 dBV/m
Grid 4 M4 21.26 dBV/m	Grid 5 M4 23.75 dBV/m	Grid 6 M4 23.94 dBV/m
Grid 7 M4 24.88 dBV/m	Grid 8 M4 24.69 dBV/m	Grid 9 M4 24.69 dBV/m



0 dB = 17.54 V/m = 24.88 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 16.16 V/m; Power Drift = -0.07 dB

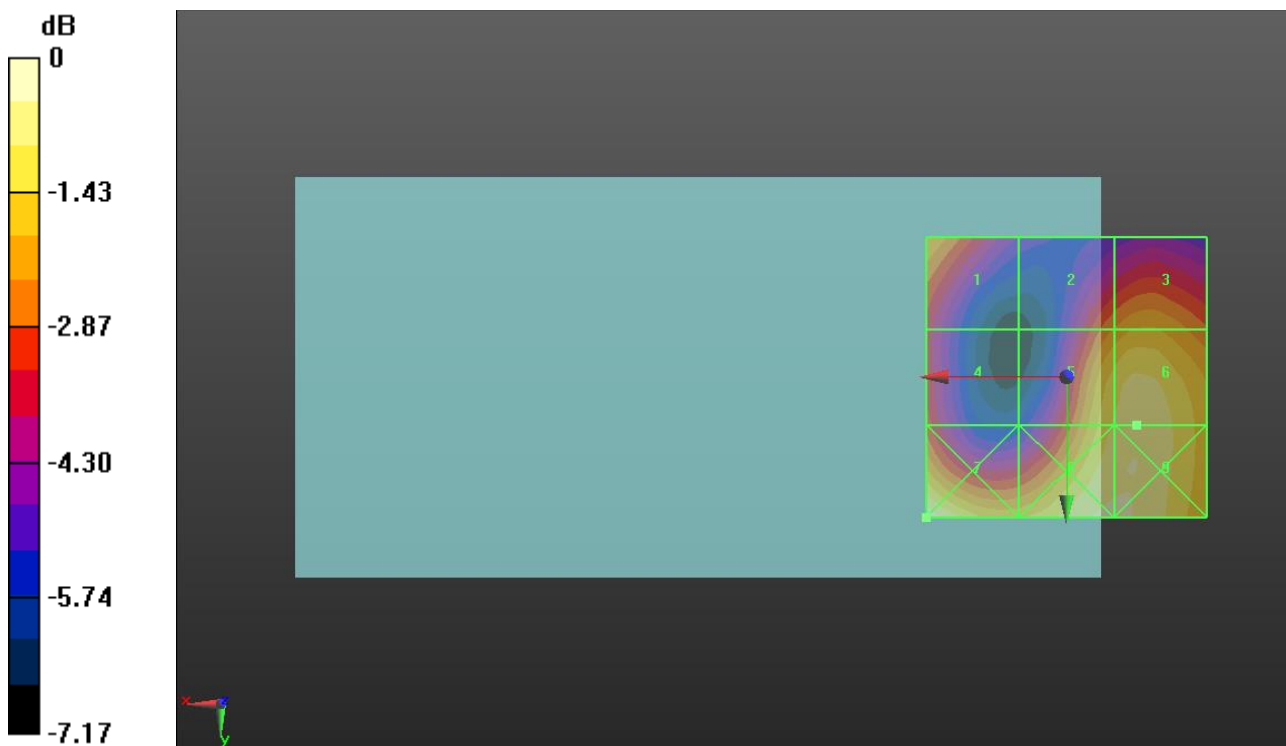
Applied MIF = -1.44 dB

RF audio interference level = 24.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.75 dBV/m	Grid 2 M4 22.25 dBV/m	Grid 3 M4 22.75 dBV/m
Grid 4 M4 21.58 dBV/m	Grid 5 M4 23.71 dBV/m	Grid 6 M4 24.02 dBV/m
Grid 7 M4 24.59 dBV/m	Grid 8 M4 24.19 dBV/m	Grid 9 M4 24.18 dBV/m



0 dB = 16.96 V/m = 24.59 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 14.95 V/m; Power Drift = -0.12 dB

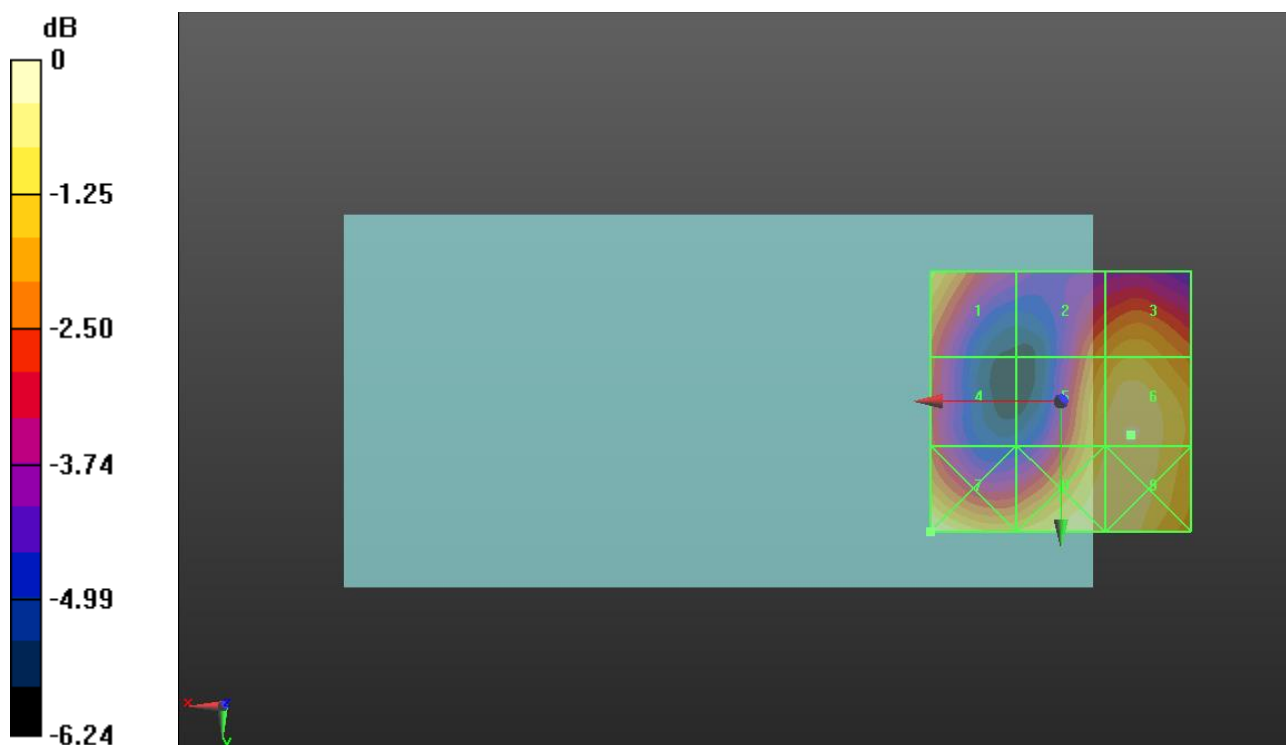
Applied MIF = -1.44 dB

RF audio interference level = 23.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.9 dBV/m	Grid 2 M4 22.22 dBV/m	Grid 3 M4 22.68 dBV/m
Grid 4 M4 21.35 dBV/m	Grid 5 M4 23.11 dBV/m	Grid 6 M4 23.52 dBV/m
Grid 7 M4 23.92 dBV/m	Grid 8 M4 23.48 dBV/m	Grid 9 M4 23.5 dBV/m



0 dB = 15.70 V/m = 23.92 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 13.78 V/m; Power Drift = -0.12 dB

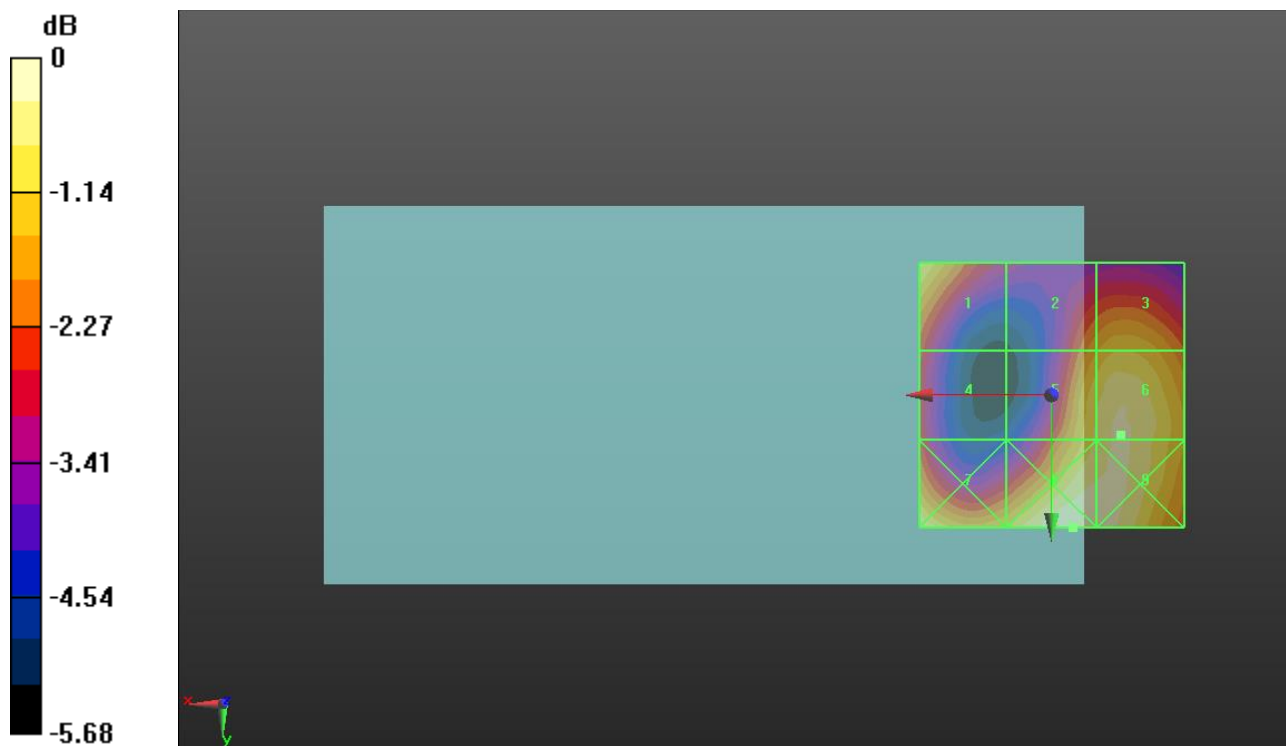
Applied MIF = -1.44 dB

RF audio interference level = 22.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.69 dBV/m	Grid 2 M4 21.72 dBV/m	Grid 3 M4 22.12 dBV/m
Grid 4 M4 20.87 dBV/m	Grid 5 M4 22.63 dBV/m	Grid 6 M4 22.94 dBV/m
Grid 7 M4 23.16 dBV/m	Grid 8 M4 23.28 dBV/m	Grid 9 M4 23.17 dBV/m



0 dB = 14.58 V/m = 23.28 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 13.03 V/m; Power Drift = -0.15 dB

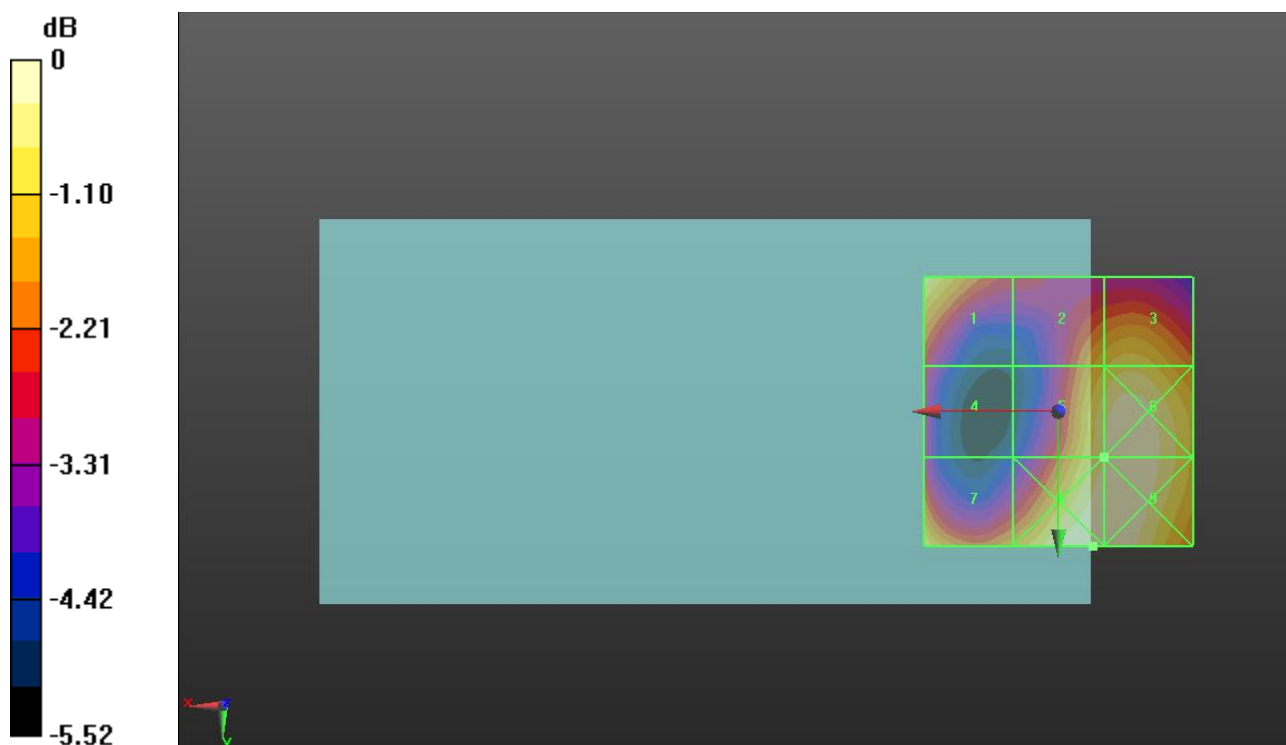
Applied MIF = -1.44 dB

RF audio interference level = 22.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.13 dBV/m	Grid 2 M4 21.41 dBV/m	Grid 3 M4 21.74 dBV/m
Grid 4 M4 19.94 dBV/m	Grid 5 M4 22.21 dBV/m	Grid 6 M4 22.55 dBV/m
Grid 7 M4 21.98 dBV/m	Grid 8 M4 22.57 dBV/m	Grid 9 M4 22.54 dBV/m



0 dB = 13.44 V/m = 22.57 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 22.06 V/m; Power Drift = -0.17 dB

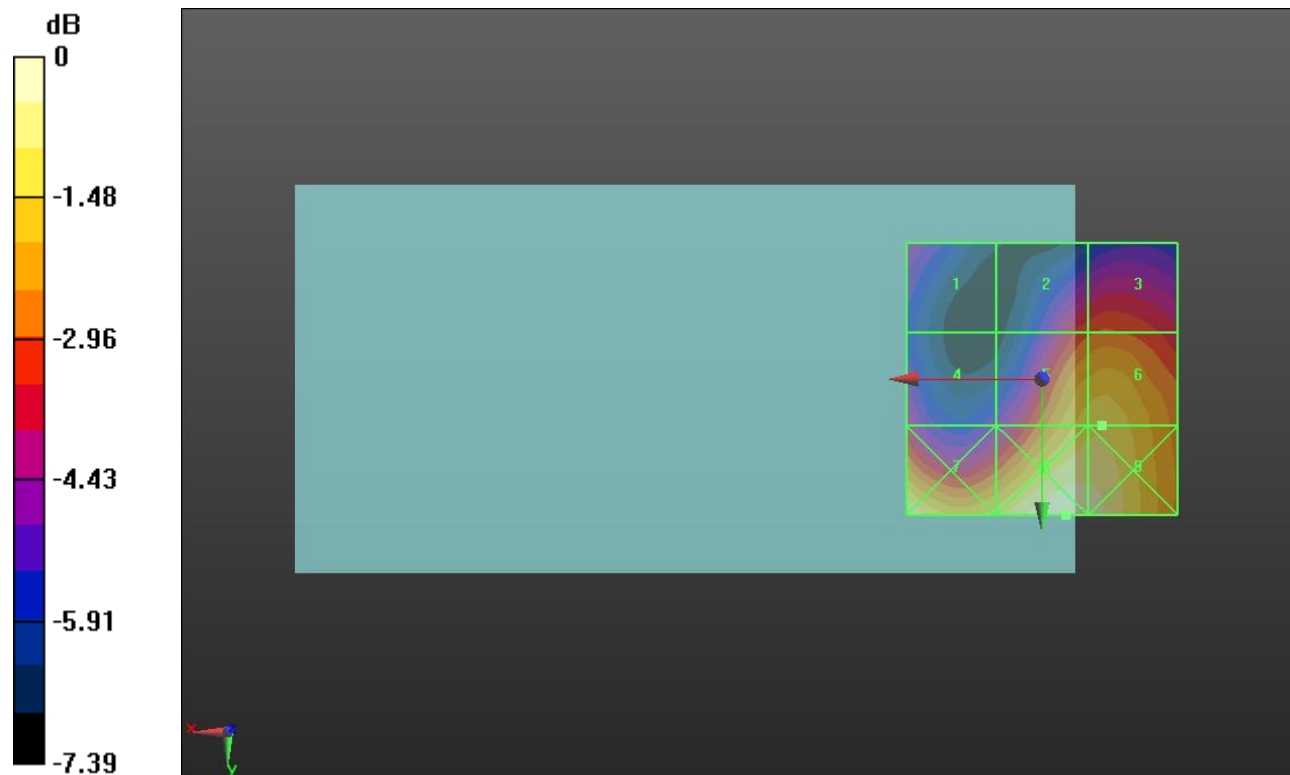
Applied MIF = -1.44 dB

RF audio interference level = 26.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.92 dBV/m	Grid 2 M4 24.4 dBV/m	Grid 3 M4 24.62 dBV/m
Grid 4 M4 23.6 dBV/m	Grid 5 M4 26.27 dBV/m	Grid 6 M4 26.35 dBV/m
Grid 7 M4 27.32 dBV/m	Grid 8 M4 27.45 dBV/m	Grid 9 M4 27.31 dBV/m



0 dB = 23.59 V/m = 27.45 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 22.70 V/m; Power Drift = -0.01 dB

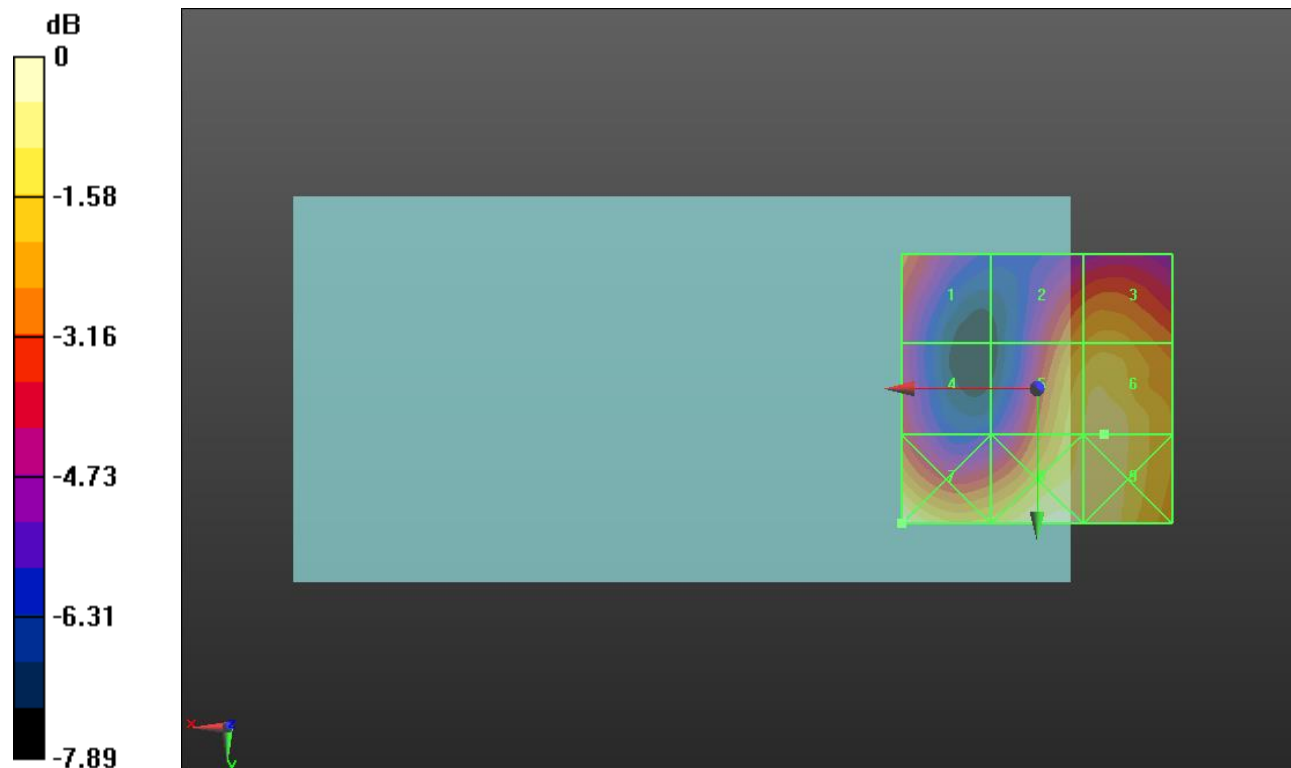
Applied MIF = -1.44 dB

RF audio interference level = 26.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.38 dBV/m	Grid 2 M4 25.03 dBV/m	Grid 3 M4 25.35 dBV/m
Grid 4 M4 23.67 dBV/m	Grid 5 M4 26.14 dBV/m	Grid 6 M4 26.36 dBV/m
Grid 7 M4 27.14 dBV/m	Grid 8 M4 26.88 dBV/m	Grid 9 M4 26.63 dBV/m



0 dB = 22.74 V/m = 27.14 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 19.80 V/m; Power Drift = -0.12 dB

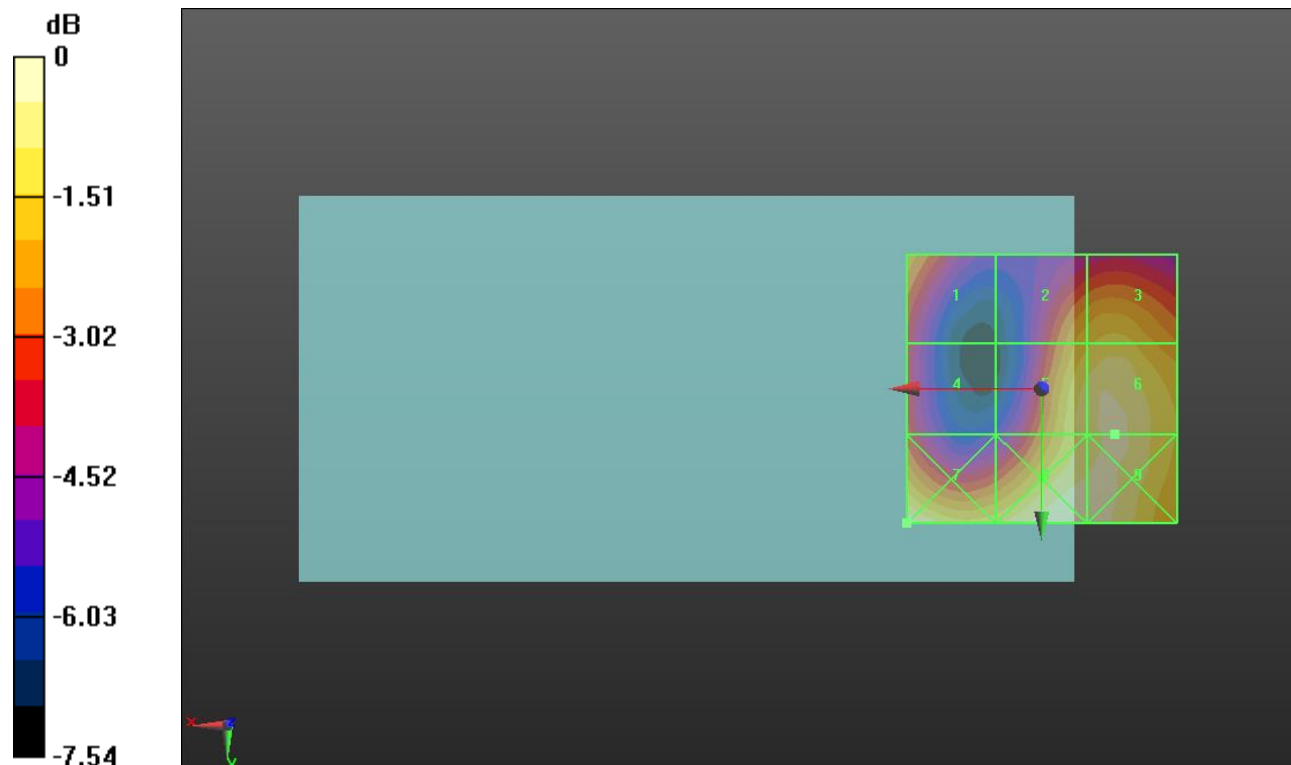
Applied MIF = -1.44 dB

RF audio interference level = 25.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.55 dBV/m	Grid 2 M4 24.05 dBV/m	Grid 3 M4 24.4 dBV/m
Grid 4 M4 22.51 dBV/m	Grid 5 M4 24.97 dBV/m	Grid 6 M4 25.27 dBV/m
Grid 7 M4 25.67 dBV/m	Grid 8 M4 25.58 dBV/m	Grid 9 M4 25.42 dBV/m



0 dB = 19.21 V/m = 25.67 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 18.85 V/m; Power Drift = -0.12 dB

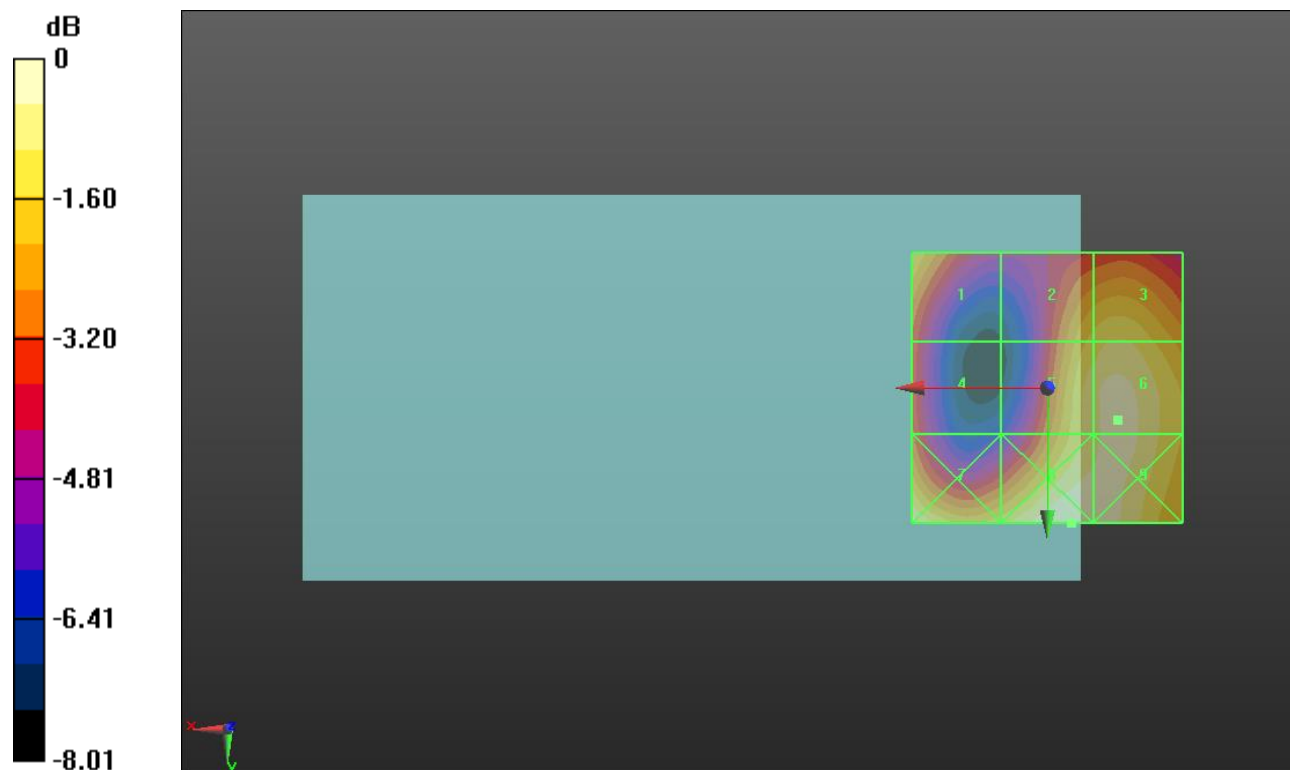
Applied MIF = -1.44 dB

RF audio interference level = 25.13 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.97 dBV/m	Grid 2 M4 24.09 dBV/m	Grid 3 M4 24.45 dBV/m
Grid 4 M4 22.47 dBV/m	Grid 5 M4 24.78 dBV/m	Grid 6 M4 25.13 dBV/m
Grid 7 M4 25.31 dBV/m	Grid 8 M4 25.46 dBV/m	Grid 9 M4 25.31 dBV/m



0 dB = 18.75 V/m = 25.46 dBV/m

HAC-RF Emission ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 15.85 V/m; Power Drift = 0.15 dB

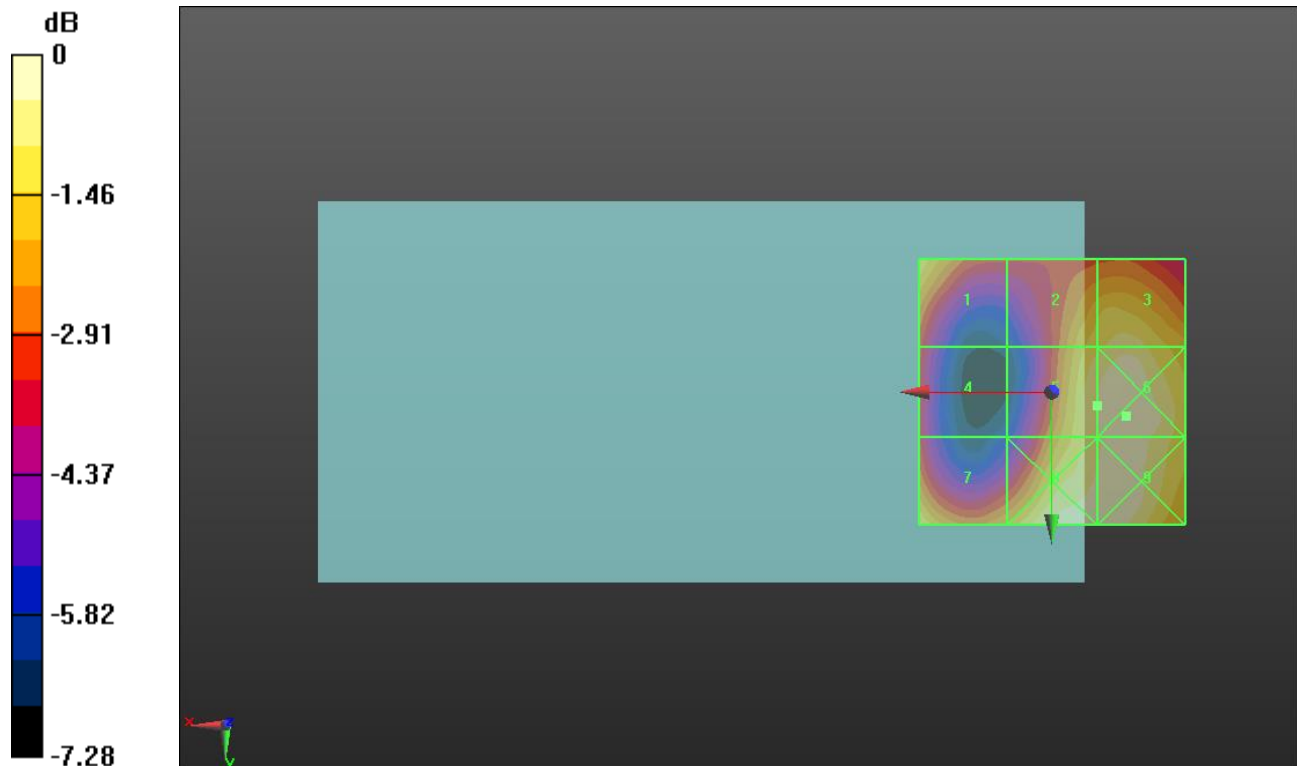
Applied MIF = -1.44 dB

RF audio interference level = 23.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.98 dBV/m	Grid 2 M4 22.85 dBV/m	Grid 3 M4 23.27 dBV/m
Grid 4 M4 20.87 dBV/m	Grid 5 M4 23.48 dBV/m	Grid 6 M4 23.95 dBV/m
Grid 7 M4 23.25 dBV/m	Grid 8 M4 23.79 dBV/m	Grid 9 M4 23.91 dBV/m



0 dB = 15.76 V/m = 23.95 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 74.81 V/m; Power Drift = -0.02 dB

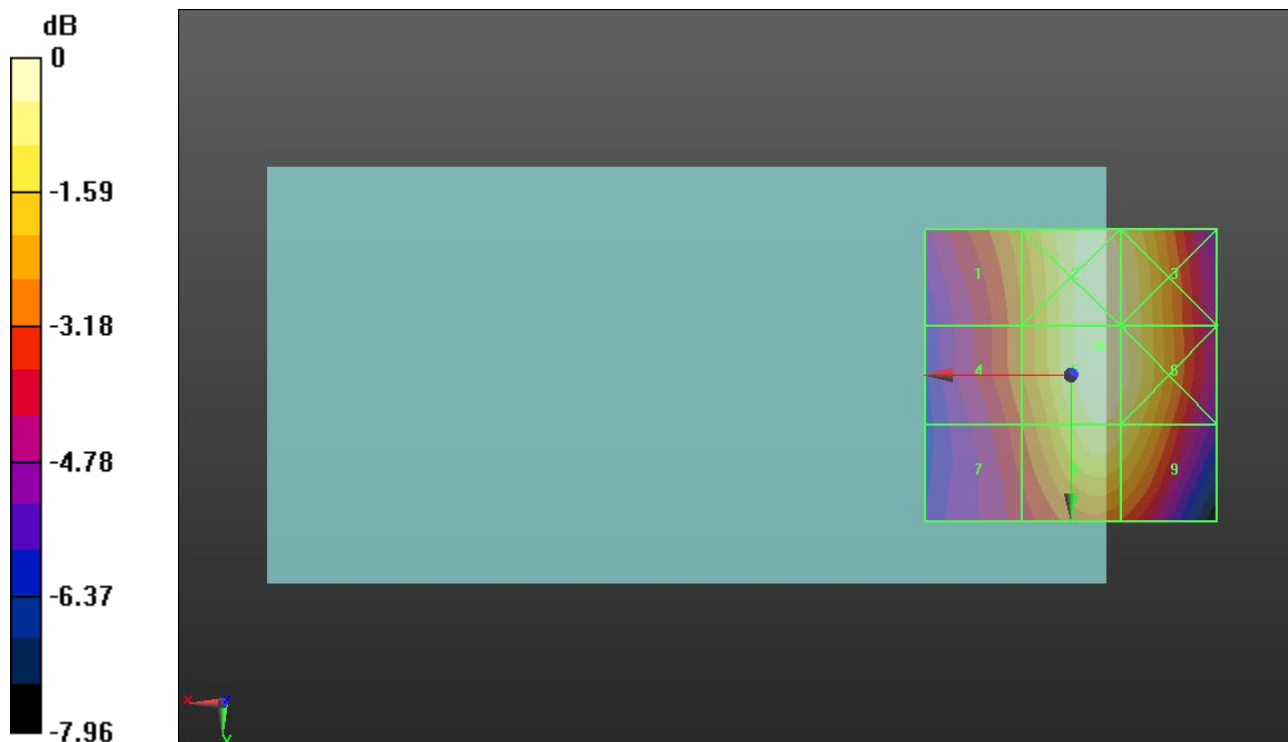
Applied MIF = 3.63 dB

RF audio interference level = 37.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.78 dBV/m	Grid 2 M4 37.88 dBV/m	Grid 3 M4 37.6 dBV/m
Grid 4 M4 35.29 dBV/m	Grid 5 M4 37.95 dBV/m	Grid 6 M4 37.67 dBV/m
Grid 7 M4 34.74 dBV/m	Grid 8 M4 37.41 dBV/m	Grid 9 M4 37.12 dBV/m



0 dB = 78.94 V/m = 37.95 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 72.27 V/m; Power Drift = -0.07 dB

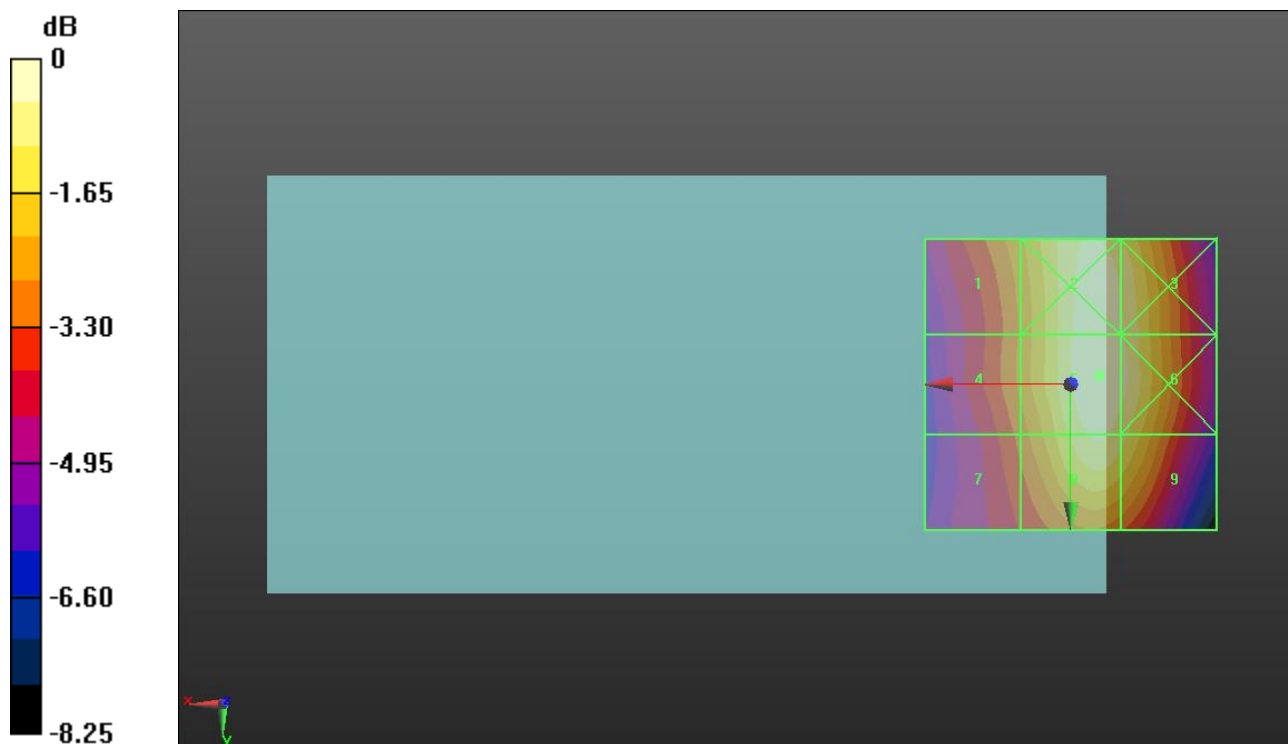
Applied MIF = 3.63 dB

RF audio interference level = 37.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.24 dBV/m	Grid 2 M4 37.42 dBV/m	Grid 3 M4 37.06 dBV/m
Grid 4 M4 34.92 dBV/m	Grid 5 M4 37.48 dBV/m	Grid 6 M4 37.16 dBV/m
Grid 7 M4 34.44 dBV/m	Grid 8 M4 37.02 dBV/m	Grid 9 M4 36.64 dBV/m



0 dB = 74.80 V/m = 37.48 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 67.87 V/m; Power Drift = 0.07 dB

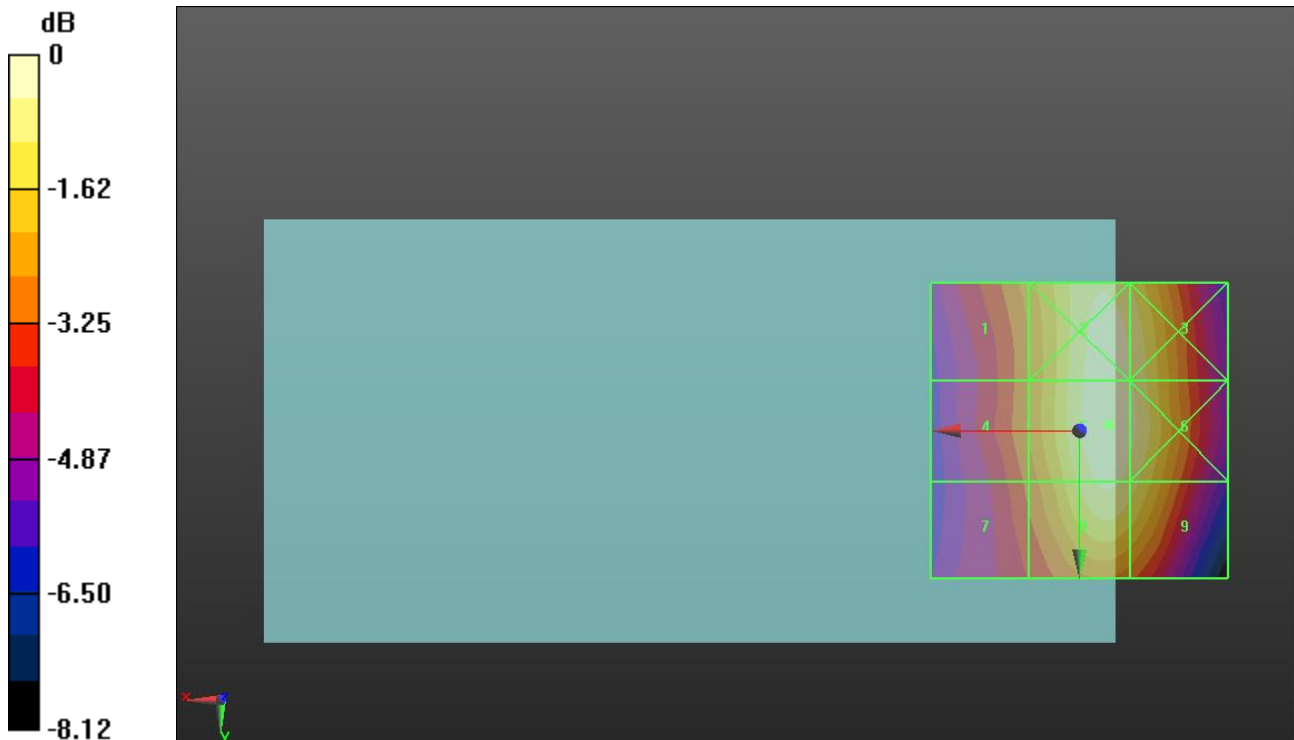
Applied MIF = 3.63 dB

RF audio interference level = 37.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 34.64 dBV/m	Grid 2 M4 36.93 dBV/m	Grid 3 M4 36.57 dBV/m
Grid 4 M4 34.42 dBV/m	Grid 5 M4 37.03 dBV/m	Grid 6 M4 36.7 dBV/m
Grid 7 M4 34.02 dBV/m	Grid 8 M4 36.62 dBV/m	Grid 9 M4 36.26 dBV/m



0 dB = 71.07 V/m = 37.03 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 24.71 V/m; Power Drift = -0.03 dB

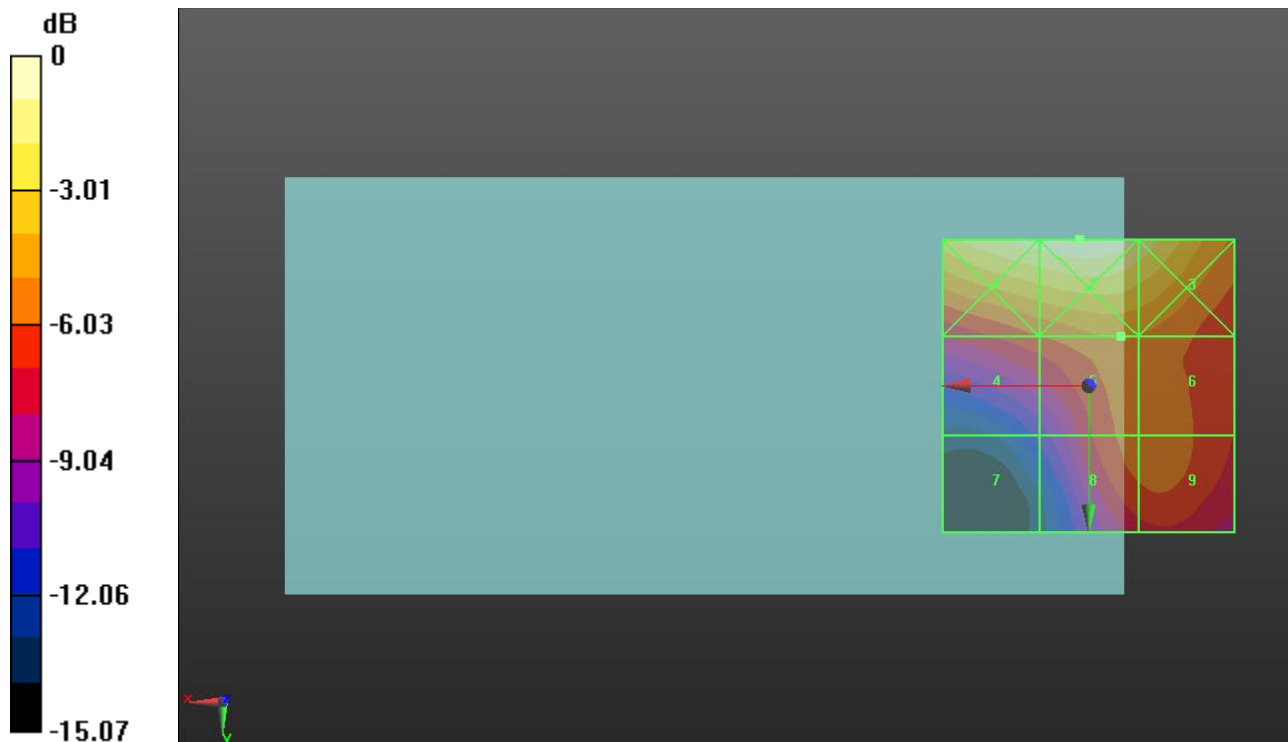
Applied MIF = 3.63 dB

RF audio interference level = 29.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.78 dBV/m	Grid 2 M3 34.2 dBV/m	Grid 3 M3 33.06 dBV/m
Grid 4 M4 28.18 dBV/m	Grid 5 M4 29.3 dBV/m	Grid 6 M4 29.19 dBV/m
Grid 7 M4 23.53 dBV/m	Grid 8 M4 28.71 dBV/m	Grid 9 M4 28.82 dBV/m



0 dB = 51.31 V/m = 34.20 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 25.98 V/m; Power Drift = 0.03 dB

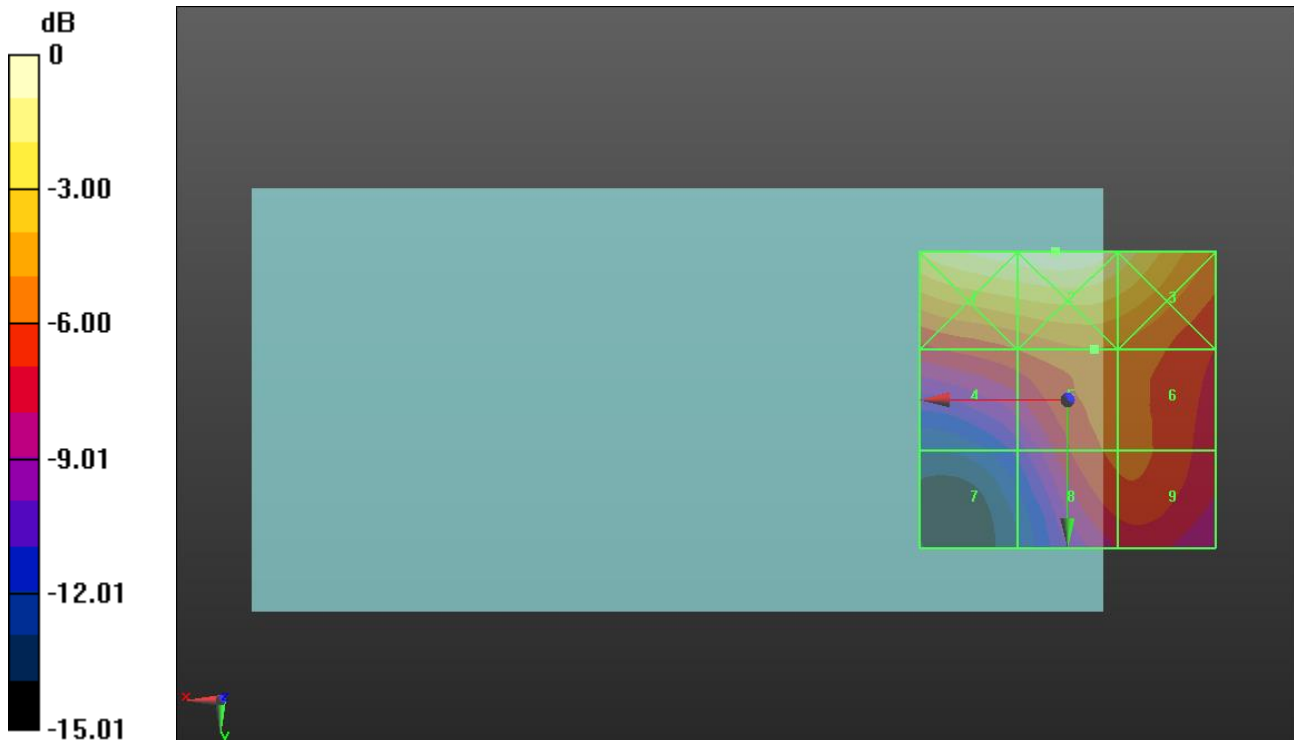
Applied MIF = 3.63 dB

RF audio interference level = 29.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.94 dBV/m	Grid 2 M3 34.22 dBV/m	Grid 3 M3 32.98 dBV/m
Grid 4 M4 28.24 dBV/m	Grid 5 M4 29.17 dBV/m	Grid 6 M4 29.05 dBV/m
Grid 7 M4 23.67 dBV/m	Grid 8 M4 28.43 dBV/m	Grid 9 M4 28.48 dBV/m



0 dB = 51.40 V/m = 34.22 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 25.45 V/m; Power Drift = -0.05 dB

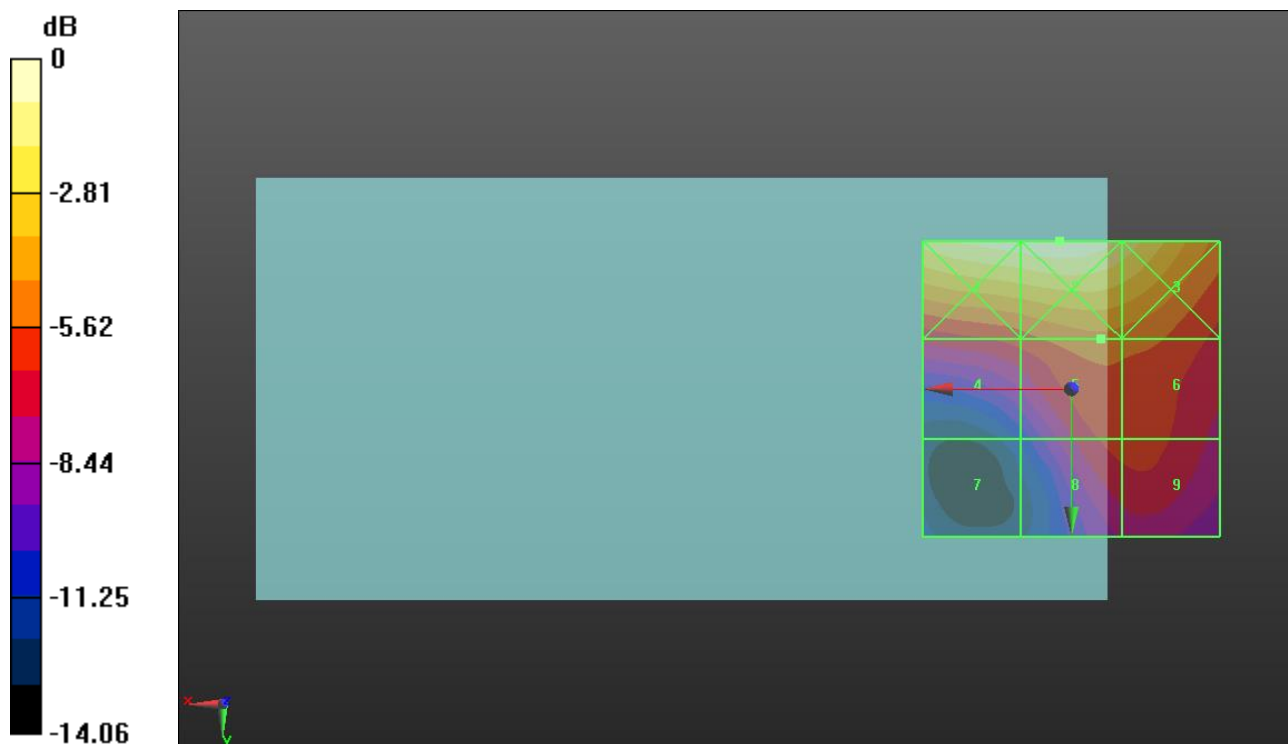
Applied MIF = 3.63 dB

RF audio interference level = 28.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.47 dBV/m	Grid 2 M3 33.69 dBV/m	Grid 3 M3 32.52 dBV/m
Grid 4 M4 27.65 dBV/m	Grid 5 M4 28.77 dBV/m	Grid 6 M4 28.63 dBV/m
Grid 7 M4 22.71 dBV/m	Grid 8 M4 27.52 dBV/m	Grid 9 M4 27.57 dBV/m



0 dB = 48.38 V/m = 33.69 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 39.61 V/m; Power Drift = -0.12 dB

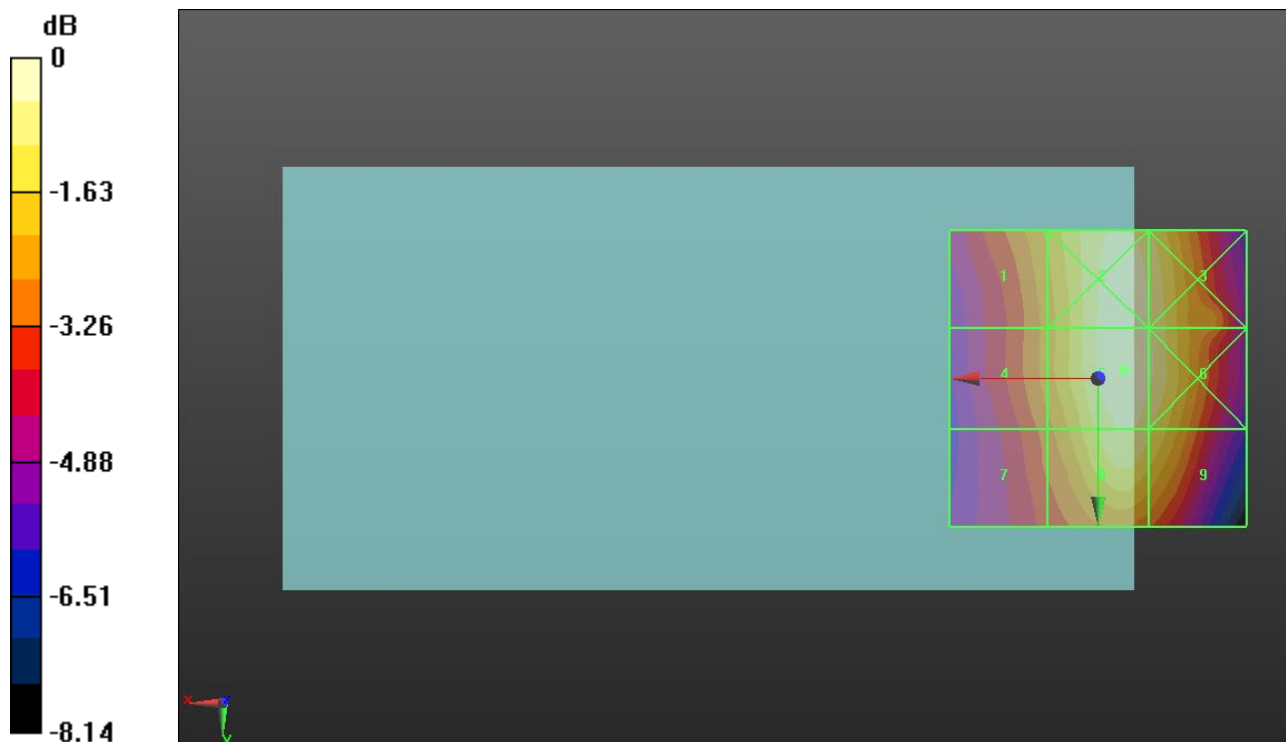
Applied MIF = 3.26 dB

RF audio interference level = 31.79 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.76 dBV/m	Grid 2 M4 31.71 dBV/m	Grid 3 M4 31.32 dBV/m
Grid 4 M4 29.39 dBV/m	Grid 5 M4 31.79 dBV/m	Grid 6 M4 31.41 dBV/m
Grid 7 M4 28.9 dBV/m	Grid 8 M4 31.3 dBV/m	Grid 9 M4 30.89 dBV/m



0 dB = 38.88 V/m = 31.79 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 47.06 V/m; Power Drift = -0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 33.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.59 dBV/m	Grid 2 M4 32.23 dBV/m	Grid 3 M4 32.23 dBV/m
Grid 4 M4 30.61 dBV/m	Grid 5 M4 33.22 dBV/m	Grid 6 M4 32.17 dBV/m
Grid 7 M4 30.2 dBV/m	Grid 8 M4 32.9 dBV/m	Grid 9 M4 31.93 dBV/m



0 dB = 45.80 V/m = 33.22 dBV/m

HAC-RF Emission ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 34.18 V/m; Power Drift = -0.04 dB

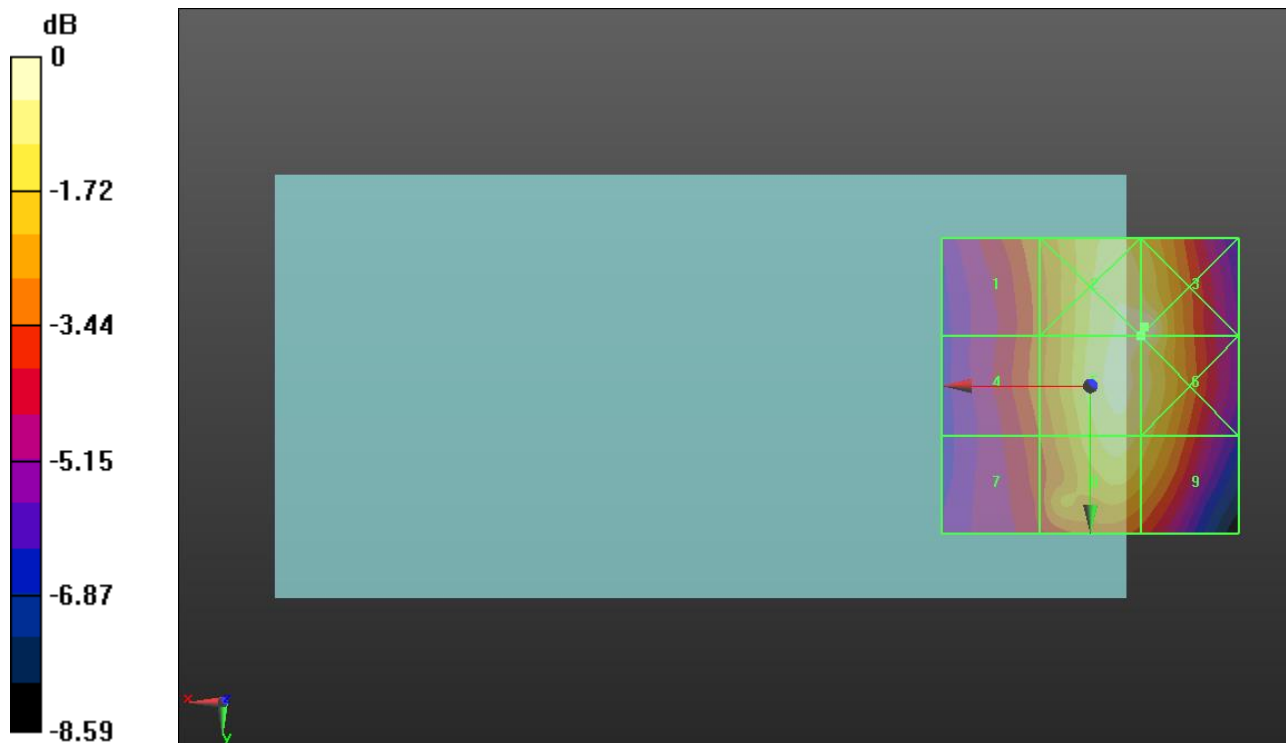
Applied MIF = 3.26 dB

RF audio interference level = 30.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28 dBV/m	Grid 2 M4 30.79 dBV/m	Grid 3 M4 30.81 dBV/m
Grid 4 M4 27.8 dBV/m	Grid 5 M4 30.62 dBV/m	Grid 6 M4 30.62 dBV/m
Grid 7 M4 27.39 dBV/m	Grid 8 M4 29.97 dBV/m	Grid 9 M4 29.52 dBV/m



0 dB = 34.72 V/m = 30.81 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 11.40 V/m; Power Drift = 0.08 dB

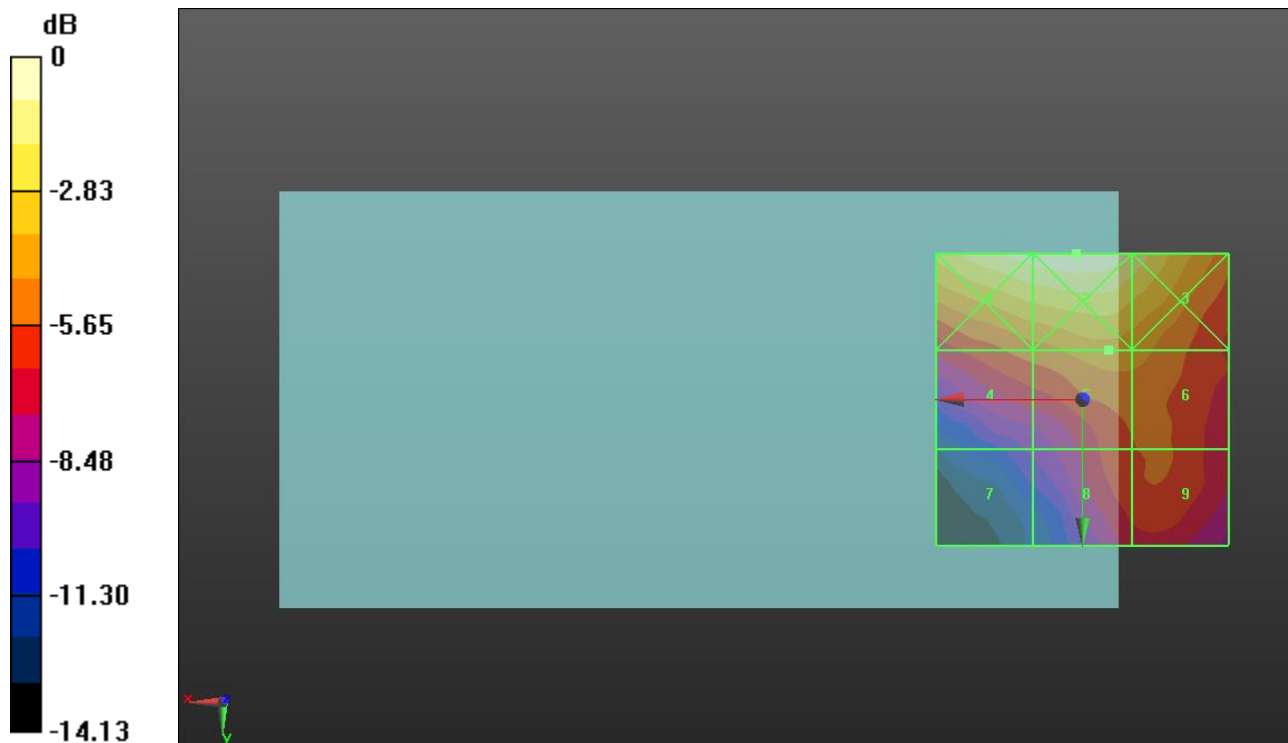
Applied MIF = 3.26 dB

RF audio interference level = 24.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.92 dBV/m	Grid 2 M4 28.32 dBV/m	Grid 3 M4 27.21 dBV/m
Grid 4 M4 23.22 dBV/m	Grid 5 M4 24.23 dBV/m	Grid 6 M4 24.02 dBV/m
Grid 7 M4 19.24 dBV/m	Grid 8 M4 22.64 dBV/m	Grid 9 M4 22.83 dBV/m



0 dB = 26.07 V/m = 28.32 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 12.34 V/m; Power Drift = -0.05 dB

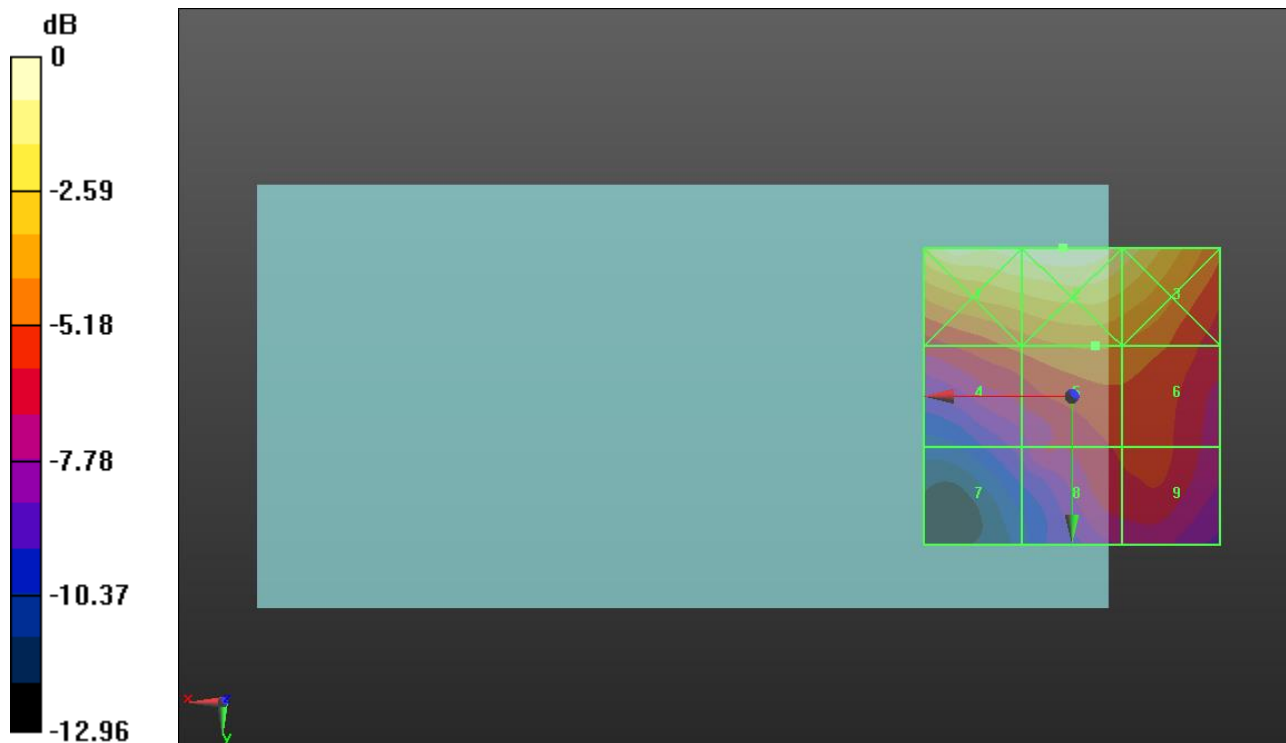
Applied MIF = 3.26 dB

RF audio interference level = 24.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.4 dBV/m	Grid 2 M4 28.58 dBV/m	Grid 3 M4 27.51 dBV/m
Grid 4 M4 23.72 dBV/m	Grid 5 M4 24.41 dBV/m	Grid 6 M4 24.18 dBV/m
Grid 7 M4 20.49 dBV/m	Grid 8 M4 22.71 dBV/m	Grid 9 M4 22.92 dBV/m



0 dB = 26.86 V/m = 28.58 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 12.84 V/m; Power Drift = -0.05 dB

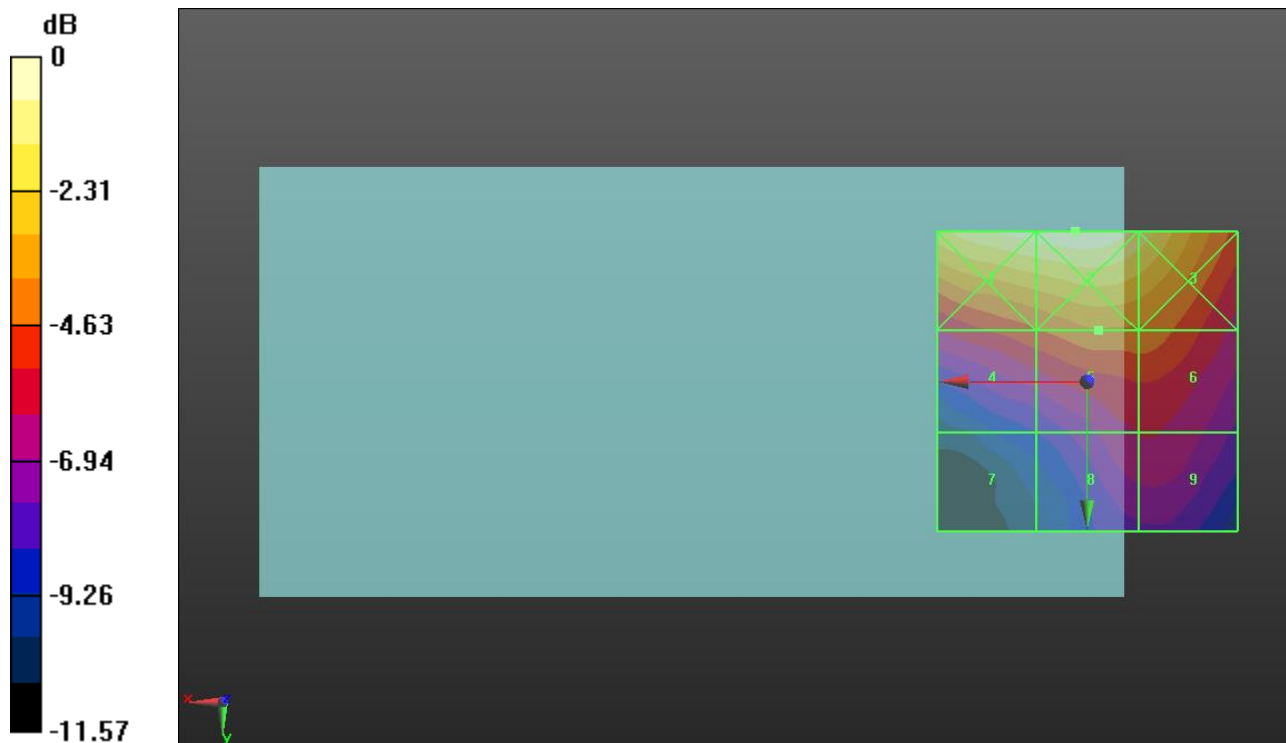
Applied MIF = 3.26 dB

RF audio interference level = 24.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.63 dBV/m	Grid 2 M4 28.87 dBV/m	Grid 3 M4 27.88 dBV/m
Grid 4 M4 24.15 dBV/m	Grid 5 M4 24.93 dBV/m	Grid 6 M4 24.88 dBV/m
Grid 7 M4 20.42 dBV/m	Grid 8 M4 22.73 dBV/m	Grid 9 M4 22.77 dBV/m



0 dB = 27.77 V/m = 28.87 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 39.95 V/m; Power Drift = -0.06 dB

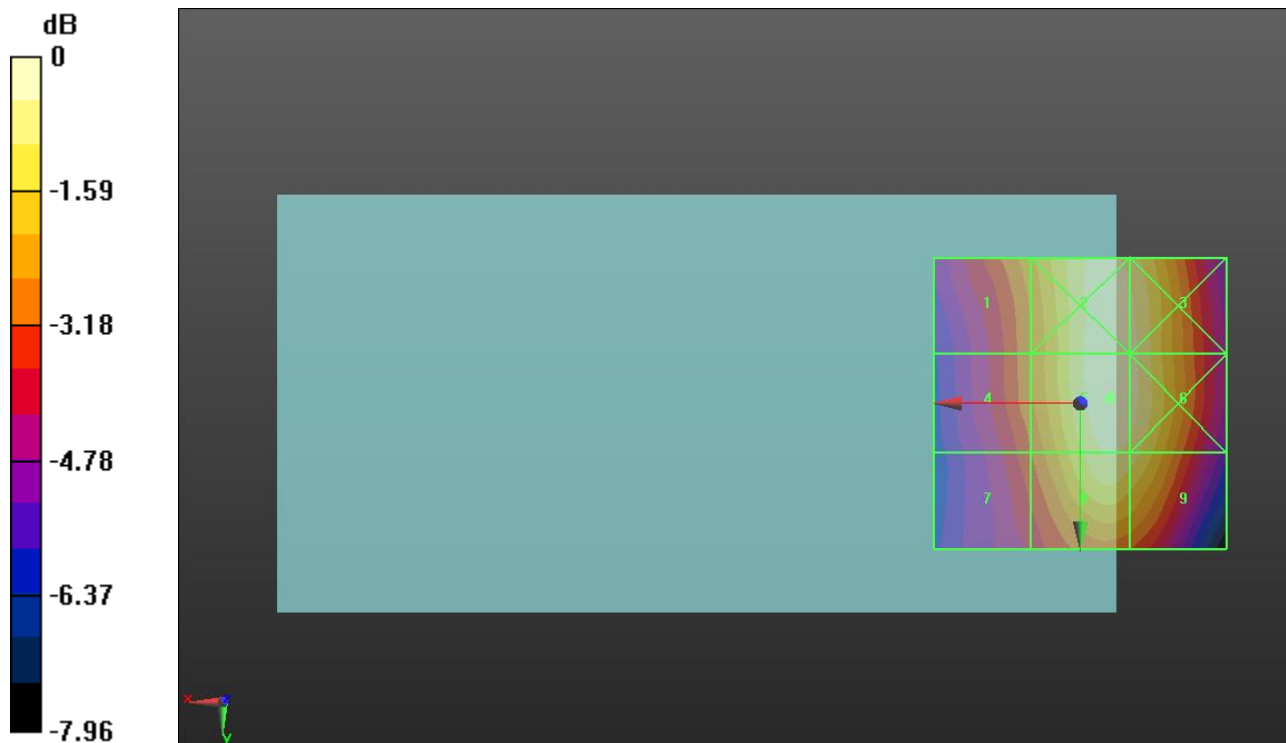
Applied MIF = 3.26 dB

RF audio interference level = 32.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.91 dBV/m	Grid 2 M4 32.1 dBV/m	Grid 3 M4 31.83 dBV/m
Grid 4 M4 29.49 dBV/m	Grid 5 M4 32.15 dBV/m	Grid 6 M4 31.86 dBV/m
Grid 7 M4 28.95 dBV/m	Grid 8 M4 31.67 dBV/m	Grid 9 M4 31.39 dBV/m



0 dB = 40.49 V/m = 32.15 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 40.23 V/m; Power Drift = -0.07 dB

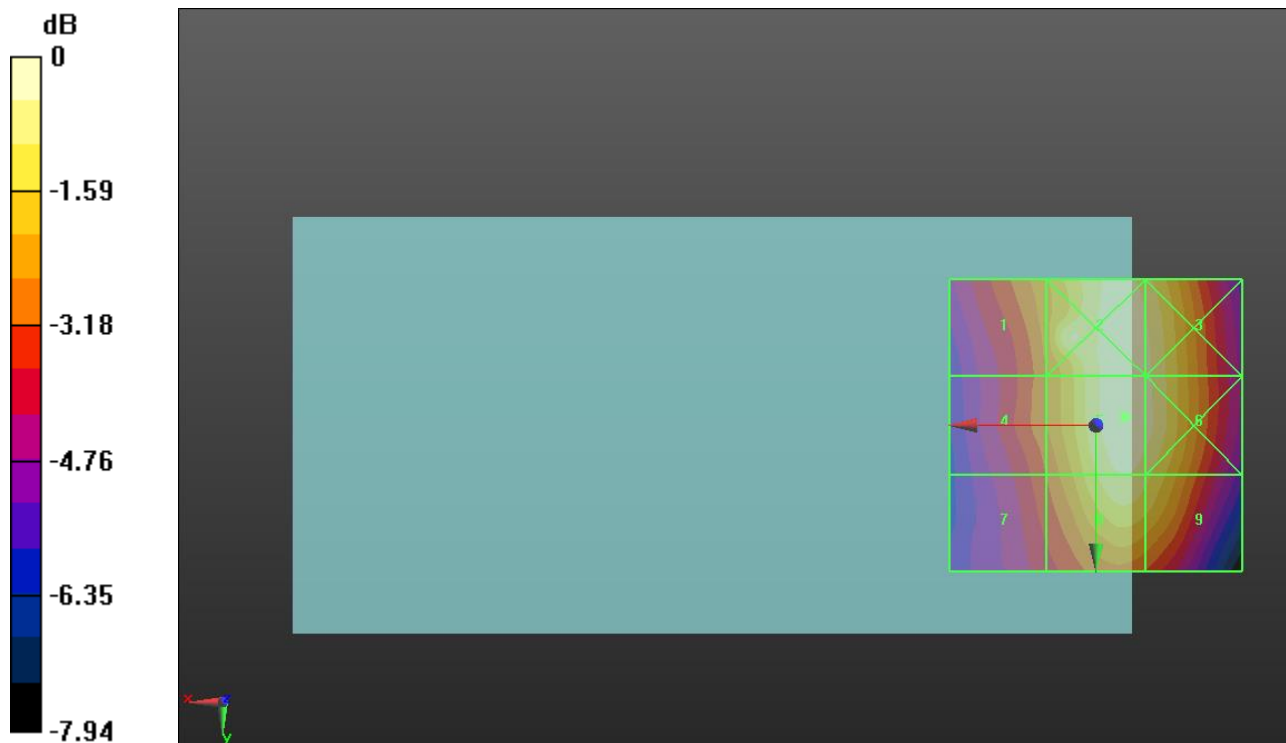
Applied MIF = 3.26 dB

RF audio interference level = 32.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.03 dBV/m	Grid 2 M4 32.13 dBV/m	Grid 3 M4 31.81 dBV/m
Grid 4 M4 29.53 dBV/m	Grid 5 M4 32.16 dBV/m	Grid 6 M4 31.87 dBV/m
Grid 7 M4 29.01 dBV/m	Grid 8 M4 31.64 dBV/m	Grid 9 M4 31.29 dBV/m



0 dB = 40.55 V/m = 32.16 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 40.07 V/m; Power Drift = 0.03 dB

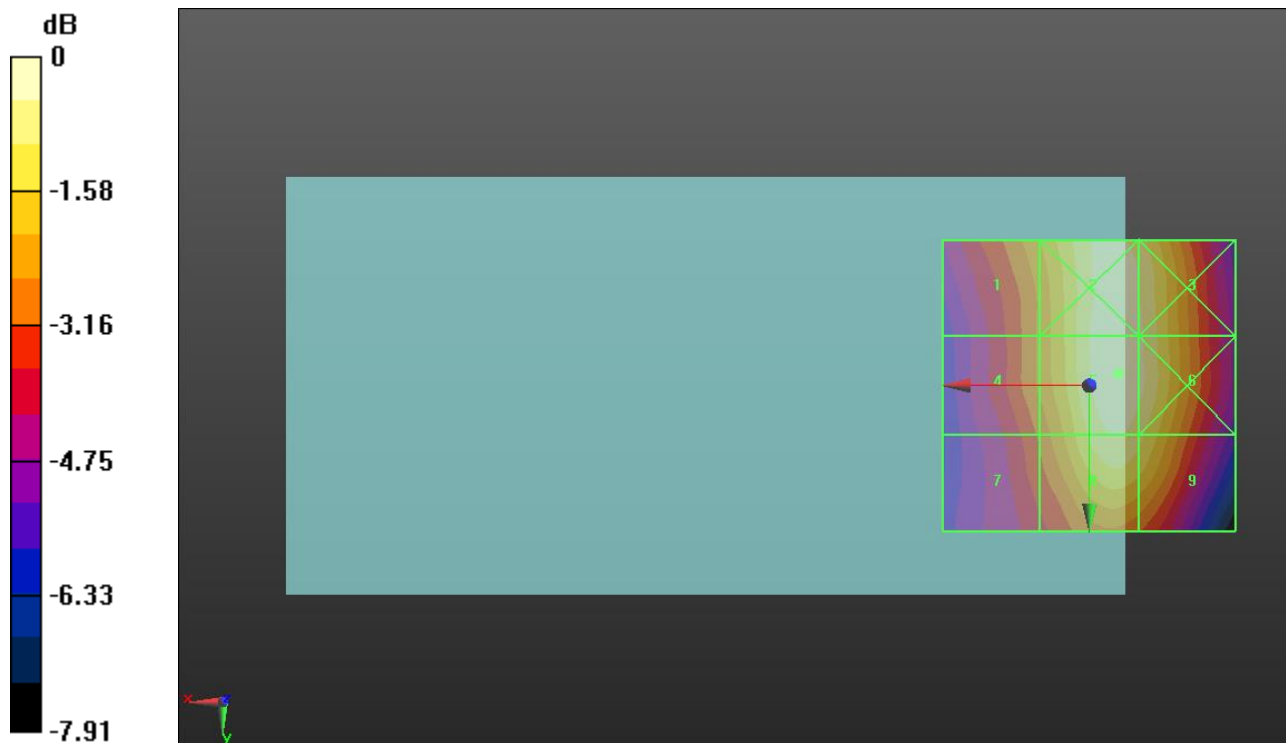
Applied MIF = 3.26 dB

RF audio interference level = 32.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.04 dBV/m	Grid 2 M4 32.05 dBV/m	Grid 3 M4 31.74 dBV/m
Grid 4 M4 29.65 dBV/m	Grid 5 M4 32.14 dBV/m	Grid 6 M4 31.8 dBV/m
Grid 7 M4 29.11 dBV/m	Grid 8 M4 31.64 dBV/m	Grid 9 M4 31.26 dBV/m



0 dB = 40.48 V/m = 32.14 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 66.29 V/m; Power Drift = 0.03 dB

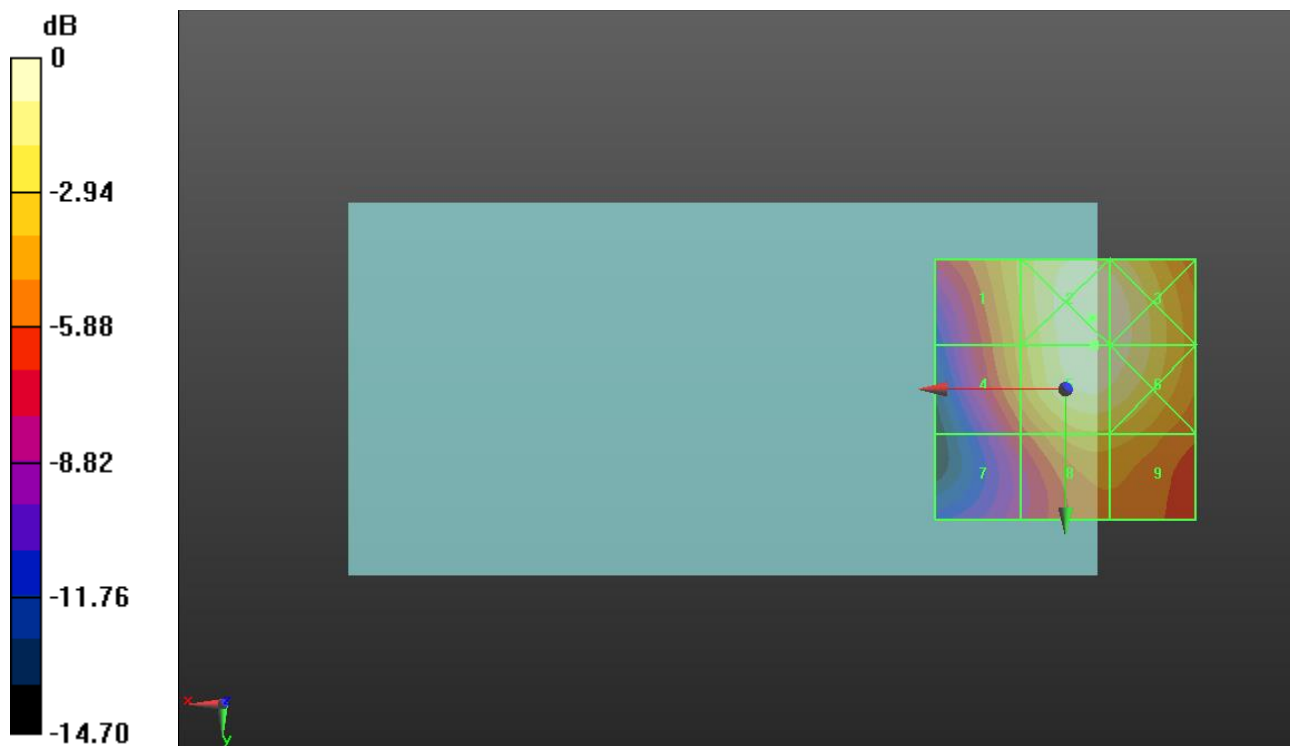
Applied MIF = -1.44 dB

RF audio interference level = 30.88 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 28.34 dBV/m	Grid 2 M3 30.98 dBV/m	Grid 3 M3 30.77 dBV/m
Grid 4 M4 27.62 dBV/m	Grid 5 M3 30.88 dBV/m	Grid 6 M3 30.69 dBV/m
Grid 7 M4 24.59 dBV/m	Grid 8 M4 27.93 dBV/m	Grid 9 M4 27.77 dBV/m



0 dB = 35.40 V/m = 30.98 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 72.19 V/m; Power Drift = -0.04 dB

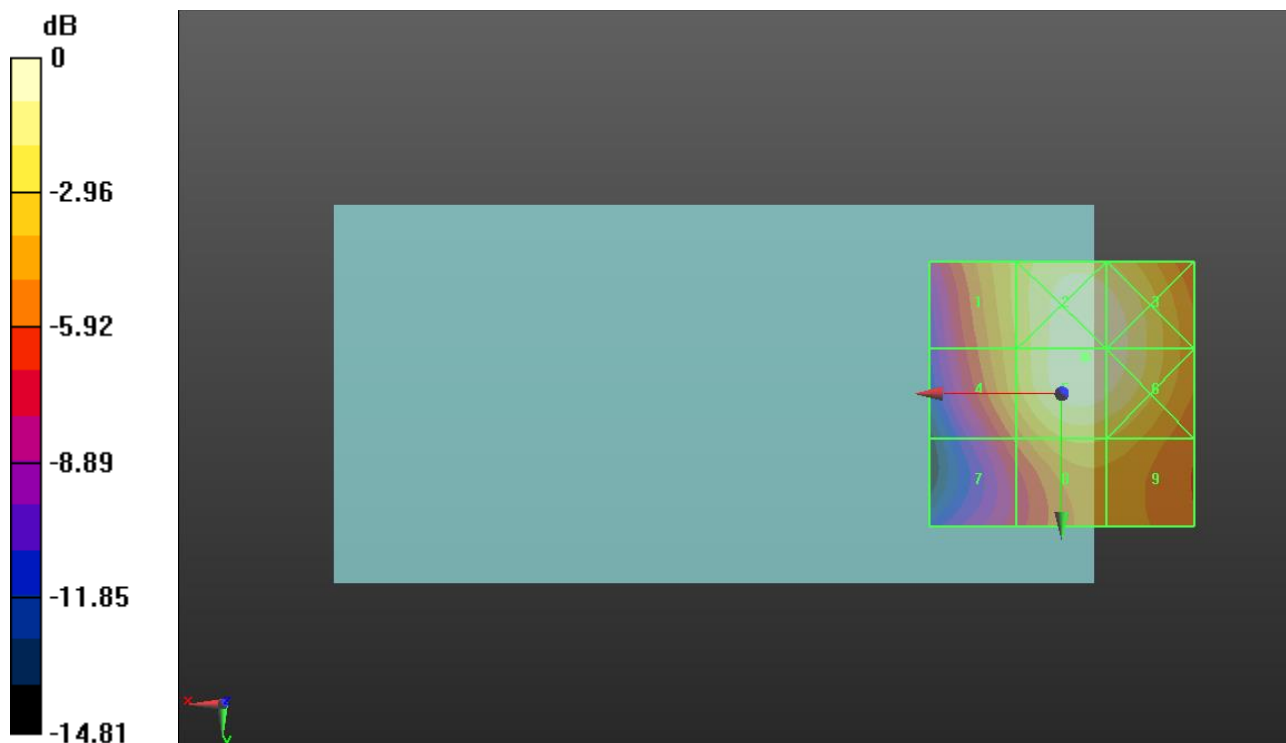
Applied MIF = -1.44 dB

RF audio interference level = 30.79 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 28.2 dBV/m	Grid 2 M3 30.78 dBV/m	Grid 3 M3 30.56 dBV/m
Grid 4 M4 27.89 dBV/m	Grid 5 M3 30.79 dBV/m	Grid 6 M3 30.55 dBV/m
Grid 7 M4 25.2 dBV/m	Grid 8 M4 28.06 dBV/m	Grid 9 M4 27.82 dBV/m



0 dB = 34.65 V/m = 30.79 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 78.85 V/m; Power Drift = 0.03 dB

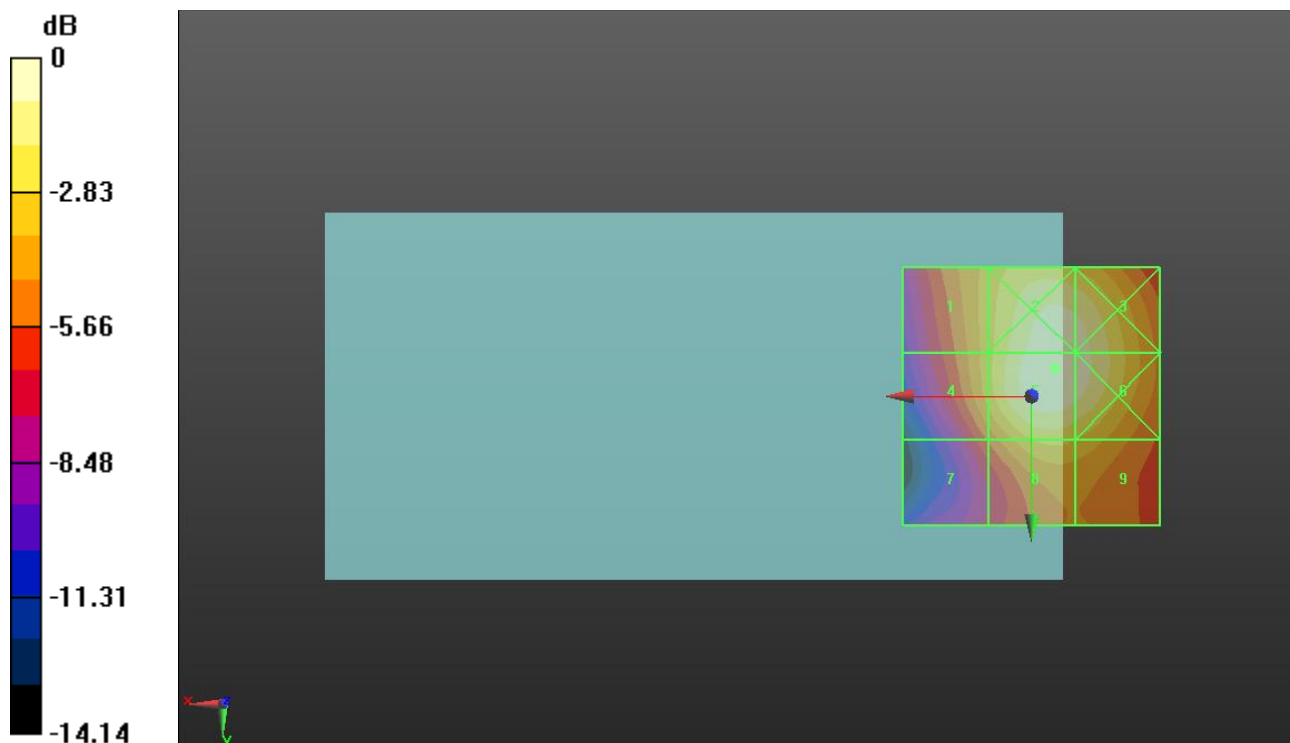
Applied MIF = -1.44 dB

RF audio interference level = 30.94 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 27.76 dBV/m	Grid 2 M3 30.77 dBV/m	Grid 3 M3 30.52 dBV/m
Grid 4 M4 27.81 dBV/m	Grid 5 M3 30.94 dBV/m	Grid 6 M3 30.59 dBV/m
Grid 7 M4 25.41 dBV/m	Grid 8 M4 28.41 dBV/m	Grid 9 M4 28.09 dBV/m



0 dB = 35.23 V/m = 30.94 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 84.09 V/m; Power Drift = 0.01 dB

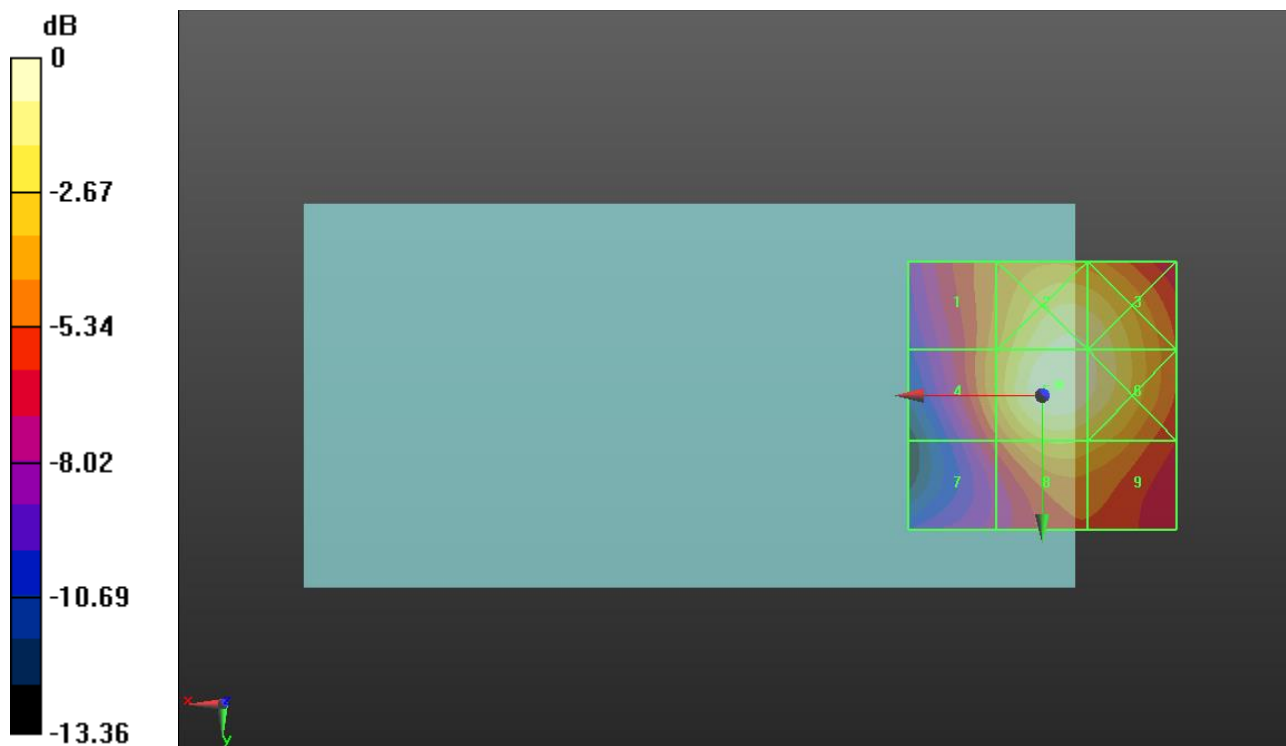
Applied MIF = -1.44 dB

RF audio interference level = 31.03 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 27.32 dBV/m	Grid 2 M3 30.5 dBV/m	Grid 3 M3 30.24 dBV/m
Grid 4 M4 27.68 dBV/m	Grid 5 M3 31.03 dBV/m	Grid 6 M3 30.46 dBV/m
Grid 7 M4 25.44 dBV/m	Grid 8 M4 28.53 dBV/m	Grid 9 M4 28.11 dBV/m



0 dB = 35.60 V/m = 31.03 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 90.42 V/m; Power Drift = -0.07 dB

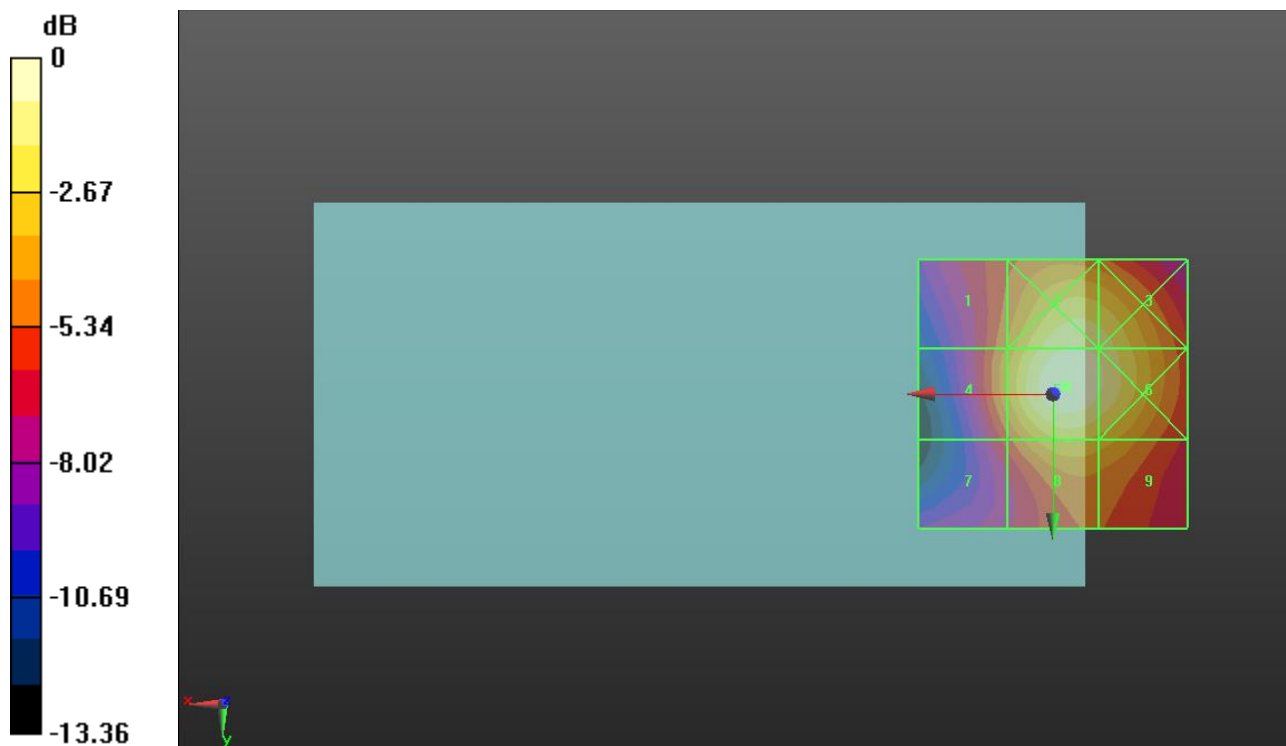
Applied MIF = -1.44 dB

RF audio interference level = 31.40 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 27.19 dBV/m	Grid 2 M3 30.61 dBV/m	Grid 3 M3 30.27 dBV/m
Grid 4 M4 27.85 dBV/m	Grid 5 M3 31.4 dBV/m	Grid 6 M3 30.72 dBV/m
Grid 7 M4 25.72 dBV/m	Grid 8 M4 28.85 dBV/m	Grid 9 M4 28.41 dBV/m



0 dB = 37.17 V/m = 31.40 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 17.02 V/m; Power Drift = 0.00 dB

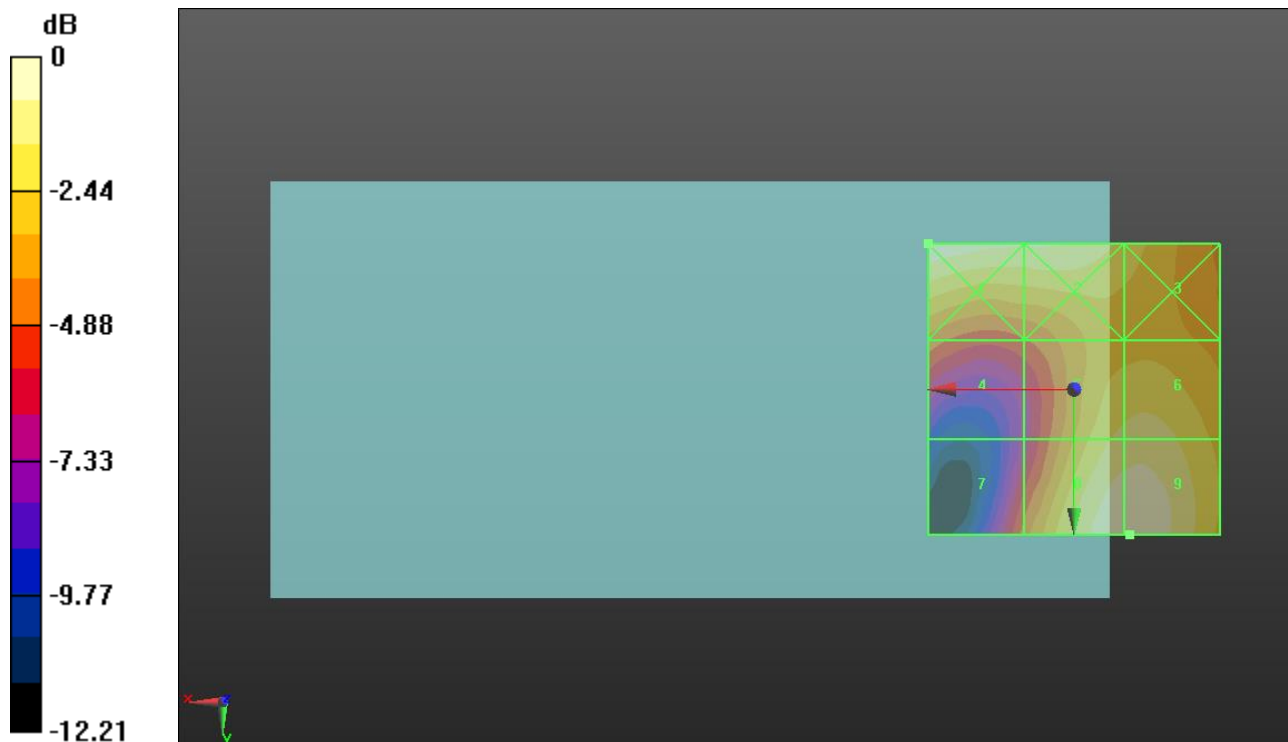
Applied MIF = 3.63 dB

RF audio interference level = 29.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.57 dBV/m	Grid 2 M4 28.89 dBV/m	Grid 3 M4 27.67 dBV/m
Grid 4 M4 25.31 dBV/m	Grid 5 M4 28.21 dBV/m	Grid 6 M4 28.37 dBV/m
Grid 7 M4 25.16 dBV/m	Grid 8 M4 29.39 dBV/m	Grid 9 M4 29.4 dBV/m



0 dB = 30.10 V/m = 29.57 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 17.89 V/m; Power Drift = -0.08 dB

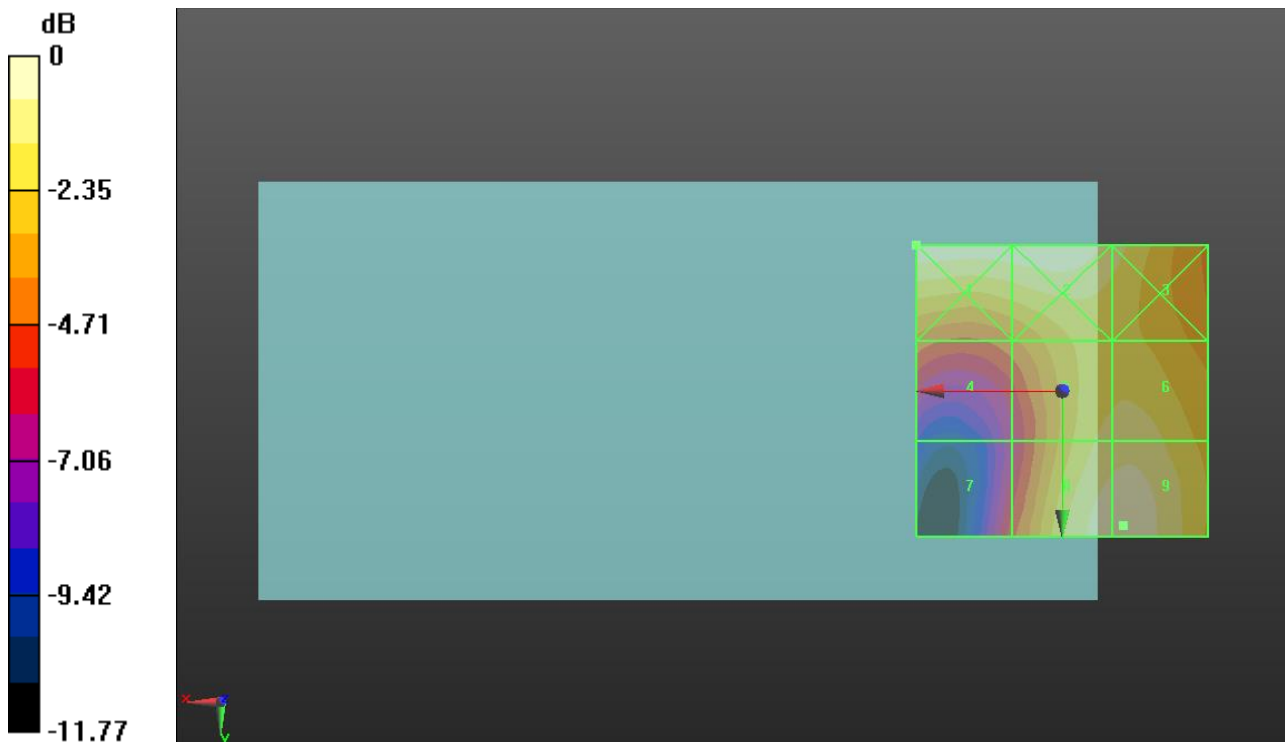
Applied MIF = 3.63 dB

RF audio interference level = 28.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.2 dBV/m	Grid 2 M4 29.18 dBV/m	Grid 3 M4 28.08 dBV/m
Grid 4 M4 25.09 dBV/m	Grid 5 M4 27.98 dBV/m	Grid 6 M4 28.1 dBV/m
Grid 7 M4 24.3 dBV/m	Grid 8 M4 28.83 dBV/m	Grid 9 M4 28.87 dBV/m



0 dB = 28.83 V/m = 29.20 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 16.73 V/m; Power Drift = -0.06 dB

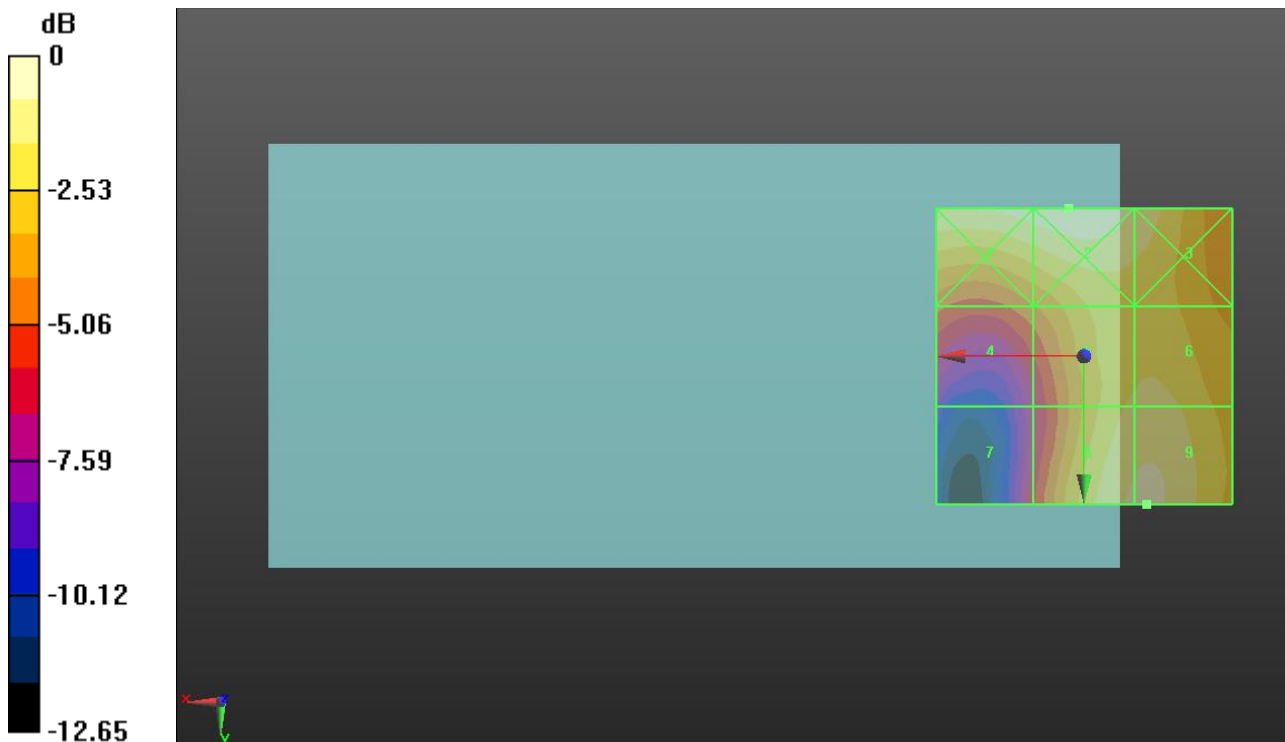
Applied MIF = 3.63 dB

RF audio interference level = 27.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.23 dBV/m	Grid 2 M4 28.55 dBV/m	Grid 3 M4 27.65 dBV/m
Grid 4 M4 24.31 dBV/m	Grid 5 M4 27.03 dBV/m	Grid 6 M4 27.16 dBV/m
Grid 7 M4 22.65 dBV/m	Grid 8 M4 27.83 dBV/m	Grid 9 M4 27.88 dBV/m



0 dB = 26.77 V/m = 28.55 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 10.51 V/m; Power Drift = -0.07 dB

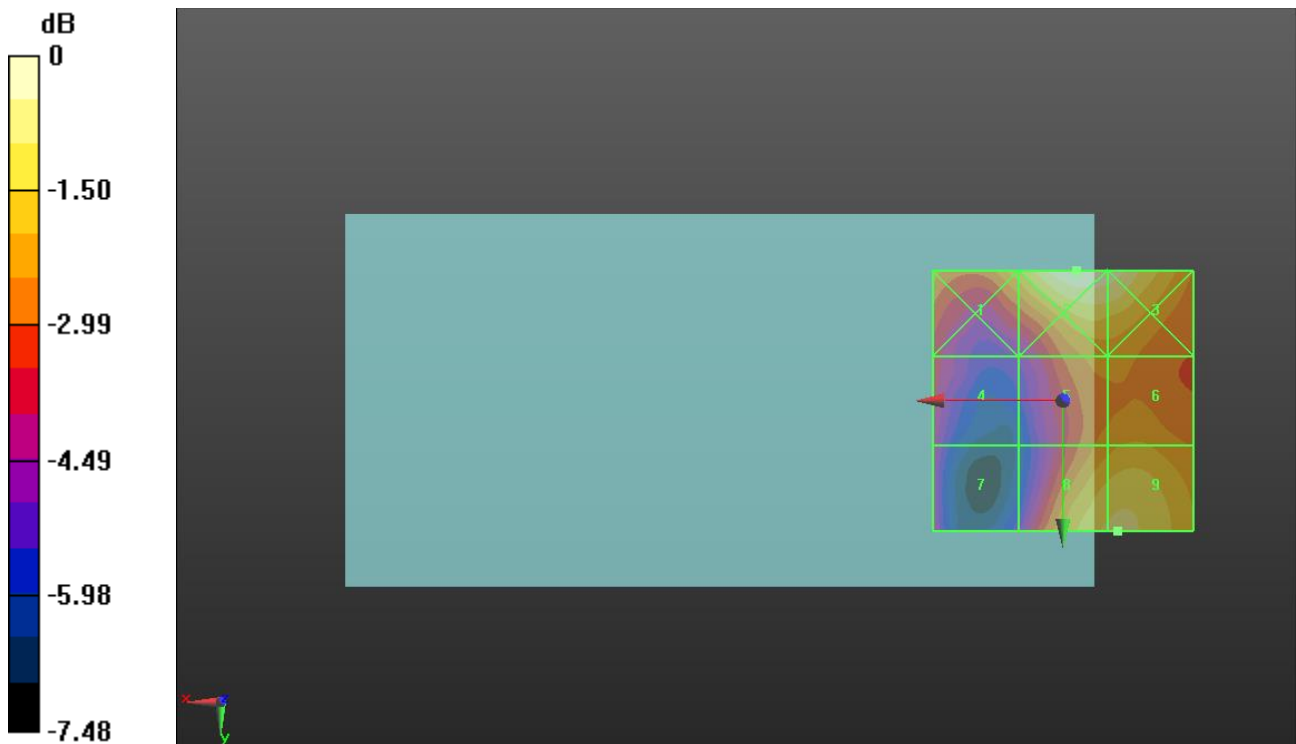
Applied MIF = -1.44 dB

RF audio interference level = 21.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.18 dBV/m	Grid 2 M4 22.71 dBV/m	Grid 3 M4 22.57 dBV/m
Grid 4 M4 19.1 dBV/m	Grid 5 M4 20.53 dBV/m	Grid 6 M4 20.79 dBV/m
Grid 7 M4 19.13 dBV/m	Grid 8 M4 21.8 dBV/m	Grid 9 M4 21.86 dBV/m



0 dB = 13.66 V/m = 22.71 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 9.926 V/m; Power Drift = 0.04 dB

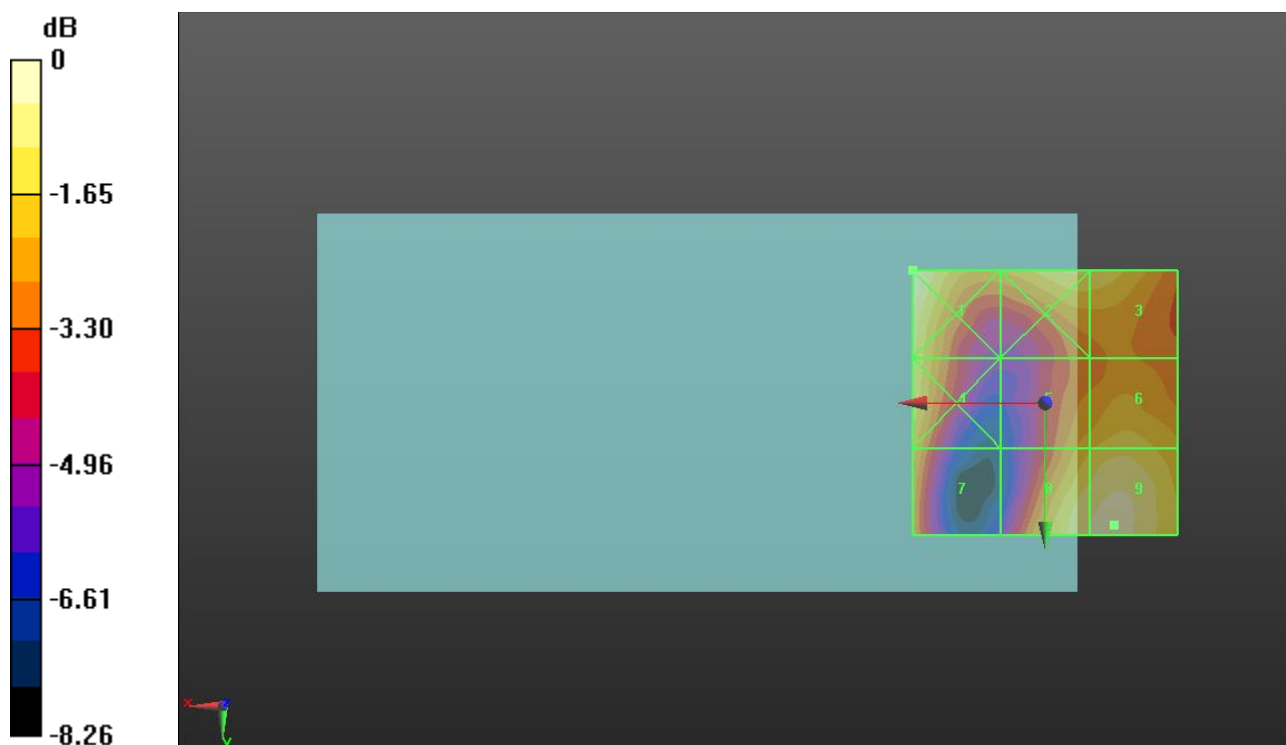
Applied MIF = -1.44 dB

RF audio interference level = 21.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.54 dBV/m	Grid 2 M4 20.58 dBV/m	Grid 3 M4 20.5 dBV/m
Grid 4 M4 20.55 dBV/m	Grid 5 M4 19.79 dBV/m	Grid 6 M4 20.27 dBV/m
Grid 7 M4 19.65 dBV/m	Grid 8 M4 20.98 dBV/m	Grid 9 M4 21.17 dBV/m



0 dB = 11.93 V/m = 21.53 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 11.78 V/m; Power Drift = -0.13 dB

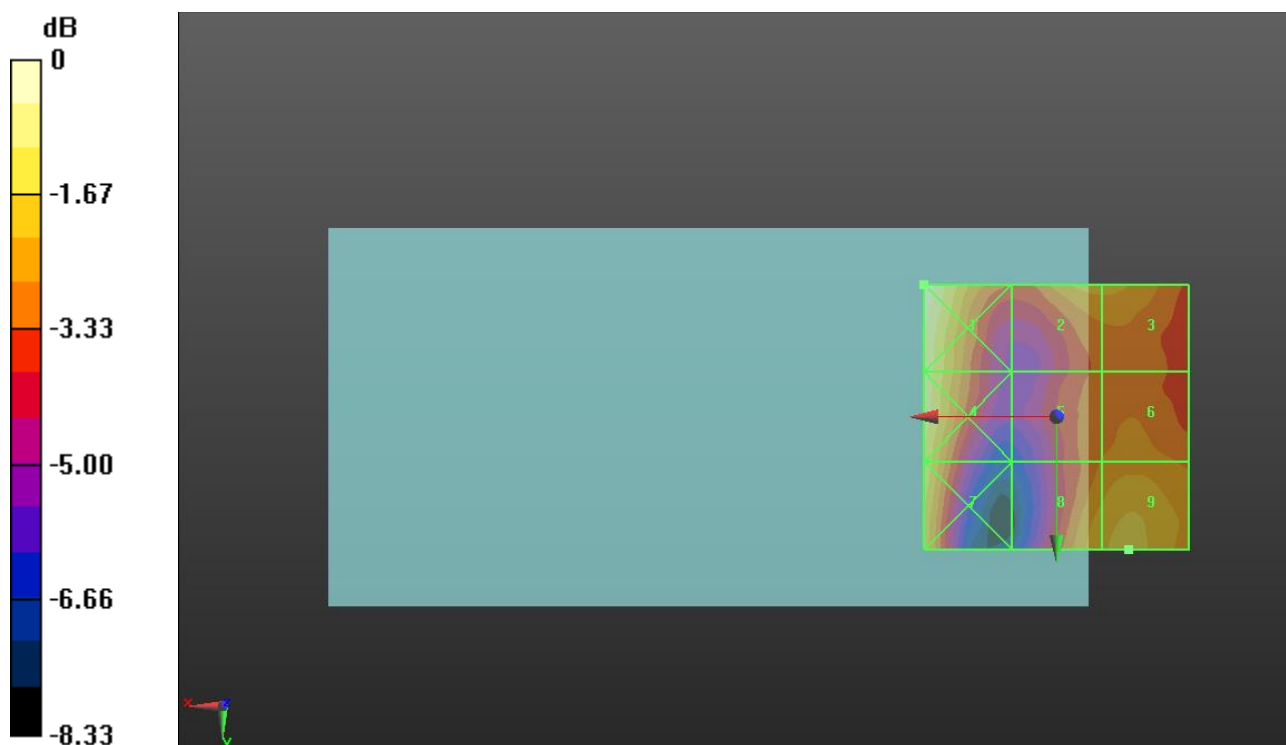
Applied MIF = -1.44 dB

RF audio interference level = 19.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.32 dBV/m	Grid 2 M4 19.41 dBV/m	Grid 3 M4 19.41 dBV/m
Grid 4 M4 20.65 dBV/m	Grid 5 M4 18.59 dBV/m	Grid 6 M4 18.93 dBV/m
Grid 7 M4 20.18 dBV/m	Grid 8 M4 19.54 dBV/m	Grid 9 M4 19.84 dBV/m



0 dB = 11.64 V/m = 21.32 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 13.63 V/m; Power Drift = -0.07 dB

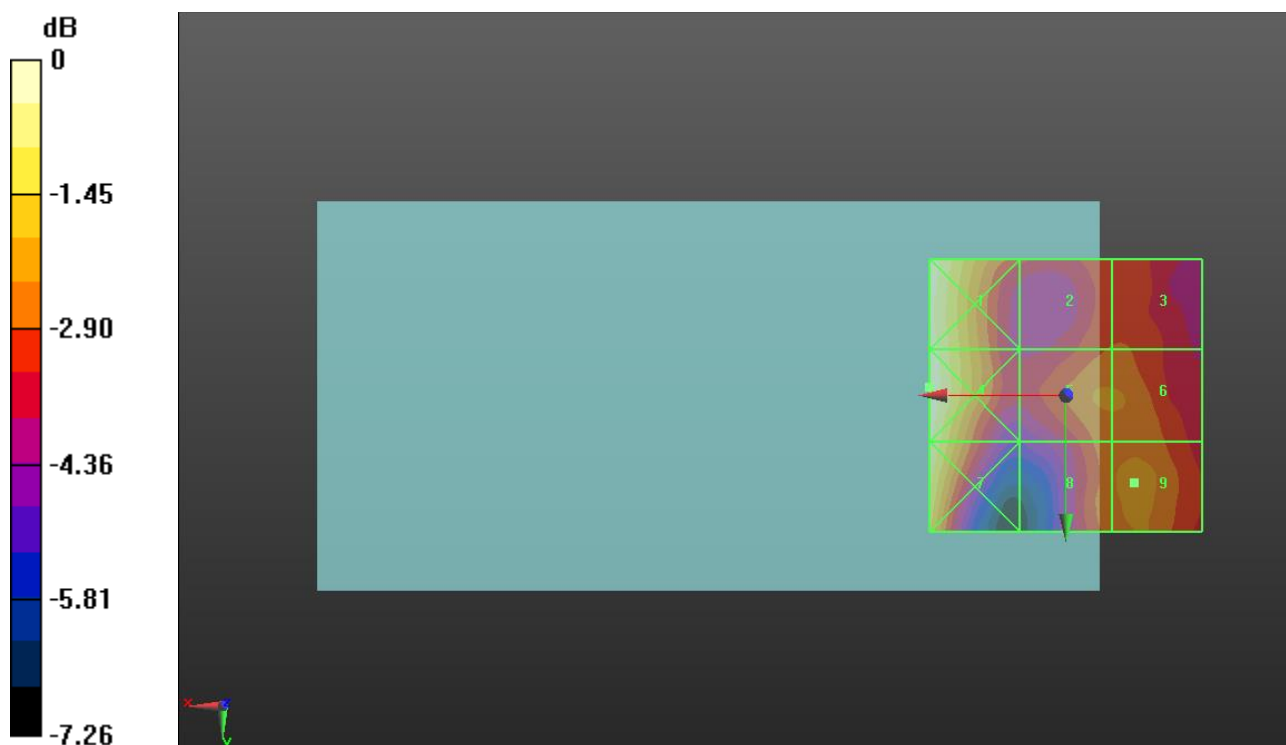
Applied MIF = -1.44 dB

RF audio interference level = 18.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.03 dBV/m	Grid 2 M4 18.29 dBV/m	Grid 3 M4 18.3 dBV/m
Grid 4 M4 21.15 dBV/m	Grid 5 M4 18.8 dBV/m	Grid 6 M4 18.8 dBV/m
Grid 7 M4 20.81 dBV/m	Grid 8 M4 18.65 dBV/m	Grid 9 M4 18.91 dBV/m



0 dB = 11.41 V/m = 21.15 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 12.84 V/m; Power Drift = -0.01 dB

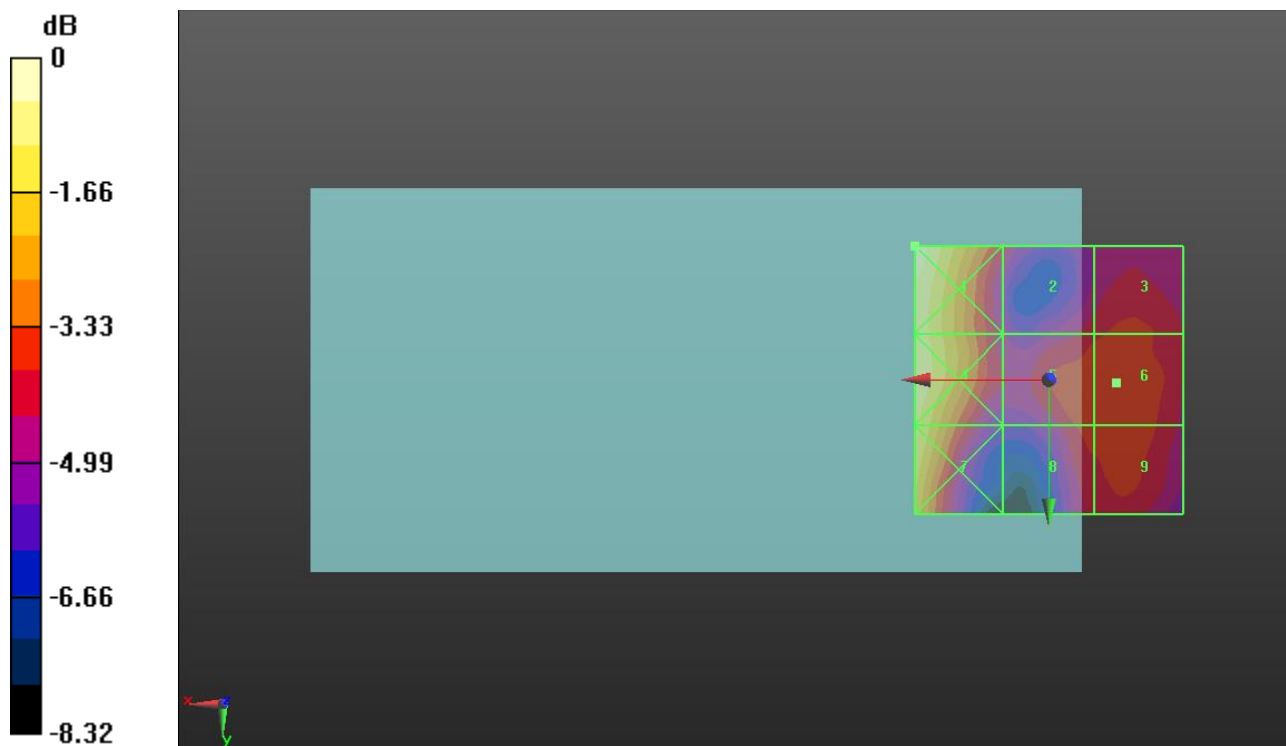
Applied MIF = -1.44 dB

RF audio interference level = 17.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.89 dBV/m	Grid 2 M4 16.9 dBV/m	Grid 3 M4 17.17 dBV/m
Grid 4 M4 20.28 dBV/m	Grid 5 M4 17.51 dBV/m	Grid 6 M4 17.54 dBV/m
Grid 7 M4 20.01 dBV/m	Grid 8 M4 17.26 dBV/m	Grid 9 M4 17.35 dBV/m



0 dB = 11.08 V/m = 20.89 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 14.95 V/m; Power Drift = -0.01 dB

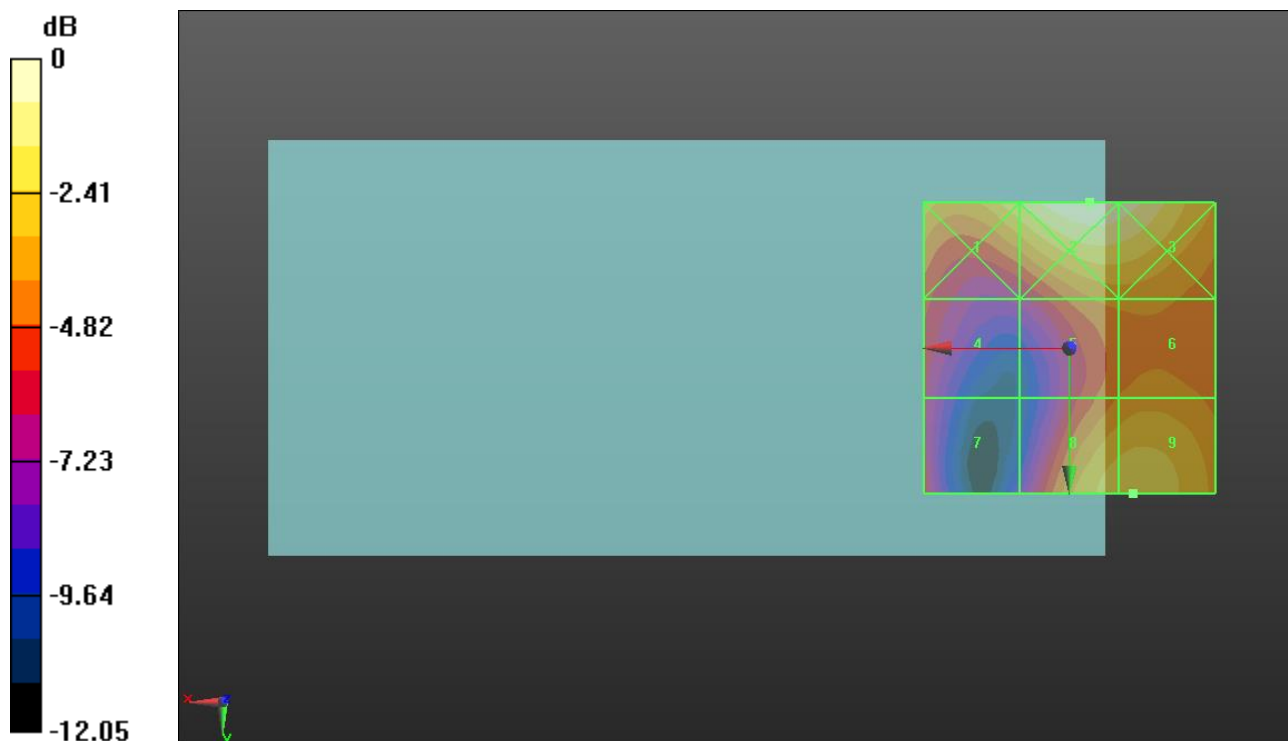
Applied MIF = -1.44 dB

RF audio interference level = 23.89 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.04 dBV/m	Grid 2 M4 25.65 dBV/m	Grid 3 M4 25.37 dBV/m
Grid 4 M4 20.4 dBV/m	Grid 5 M4 21.98 dBV/m	Grid 6 M4 22.18 dBV/m
Grid 7 M4 20.49 dBV/m	Grid 8 M4 23.77 dBV/m	Grid 9 M4 23.89 dBV/m



0 dB = 19.17 V/m = 25.65 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 12.12 V/m; Power Drift = -0.03 dB

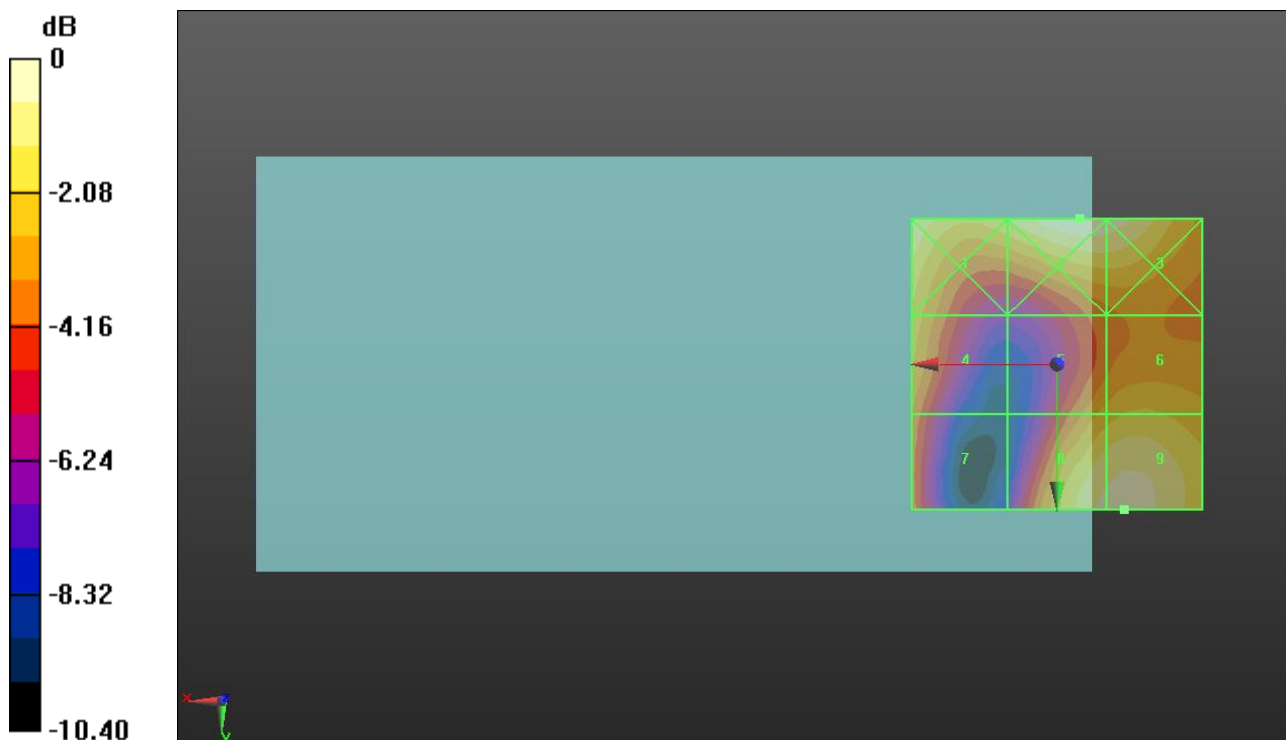
Applied MIF = -1.44 dB

RF audio interference level = 24.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.2 dBV/m	Grid 2 M4 24.59 dBV/m	Grid 3 M4 24.37 dBV/m
Grid 4 M4 22.43 dBV/m	Grid 5 M4 22.13 dBV/m	Grid 6 M4 22.66 dBV/m
Grid 7 M4 21.18 dBV/m	Grid 8 M4 24.07 dBV/m	Grid 9 M4 24.22 dBV/m



0 dB = 16.95 V/m = 24.58 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 14.51 V/m; Power Drift = -0.06 dB

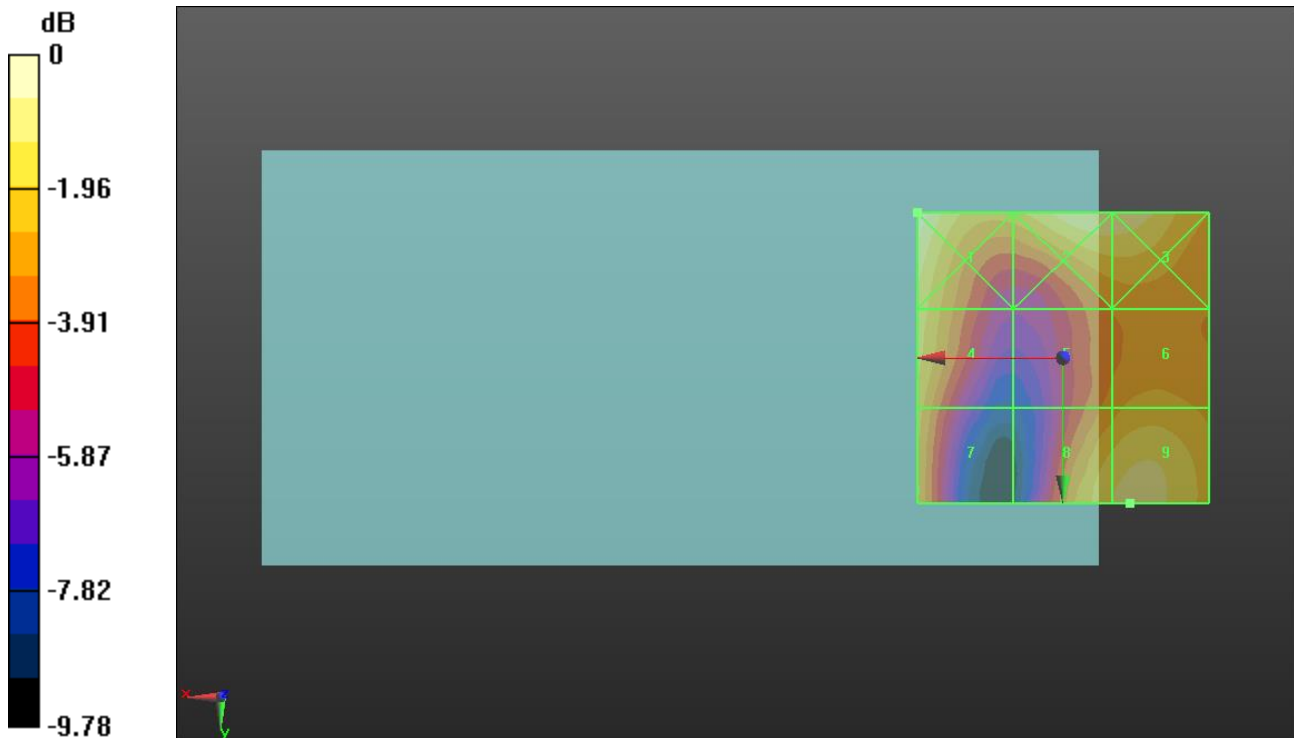
Applied MIF = -1.44 dB

RF audio interference level = 23.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.18 dBV/m	Grid 2 M4 23.56 dBV/m	Grid 3 M4 23.55 dBV/m
Grid 4 M4 22.74 dBV/m	Grid 5 M4 21.31 dBV/m	Grid 6 M4 21.89 dBV/m
Grid 7 M4 21.98 dBV/m	Grid 8 M4 22.95 dBV/m	Grid 9 M4 23.23 dBV/m



0 dB = 16.18 V/m = 24.18 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 17.98 V/m; Power Drift = -0.08 dB

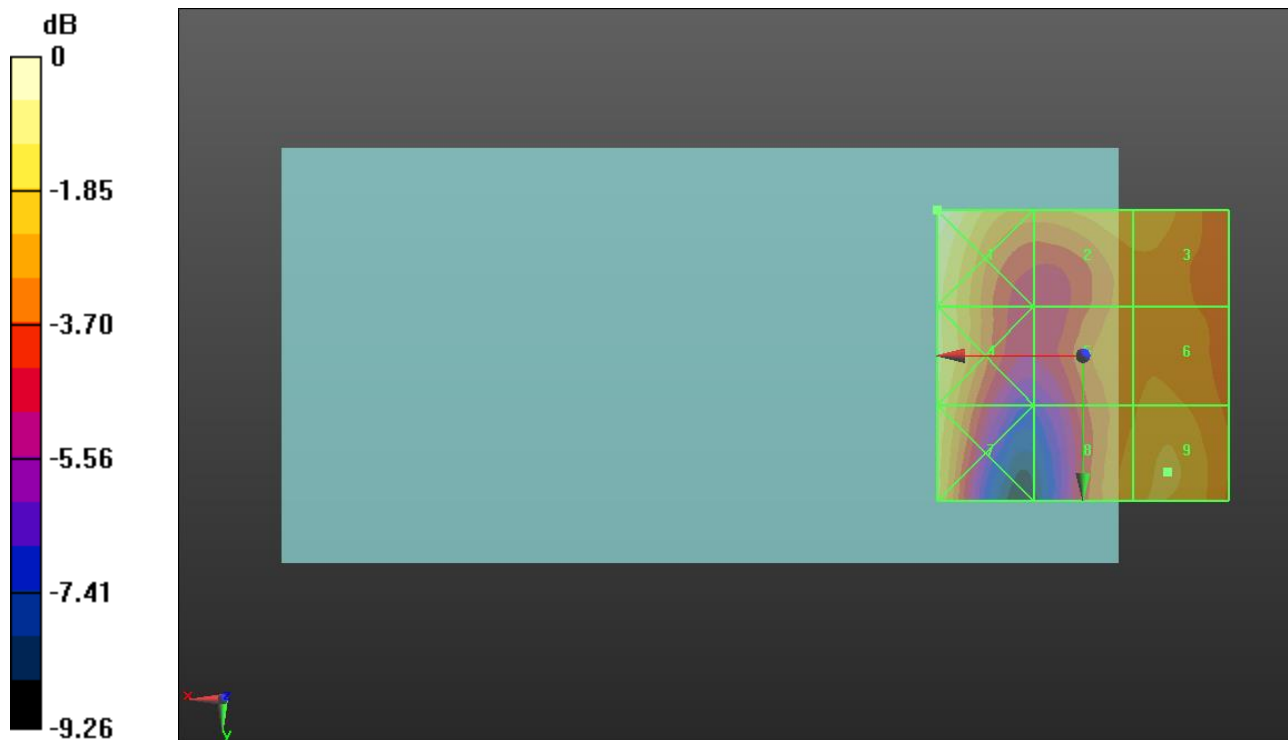
Applied MIF = -1.44 dB

RF audio interference level = 21.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.62 dBV/m	Grid 2 M4 21.76 dBV/m	Grid 3 M4 21.76 dBV/m
Grid 4 M4 22.56 dBV/m	Grid 5 M4 21.08 dBV/m	Grid 6 M4 21.31 dBV/m
Grid 7 M4 22.27 dBV/m	Grid 8 M4 21.51 dBV/m	Grid 9 M4 21.9 dBV/m



0 dB = 15.16 V/m = 23.61 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 8.366 V/m; Power Drift = 0.05 dB

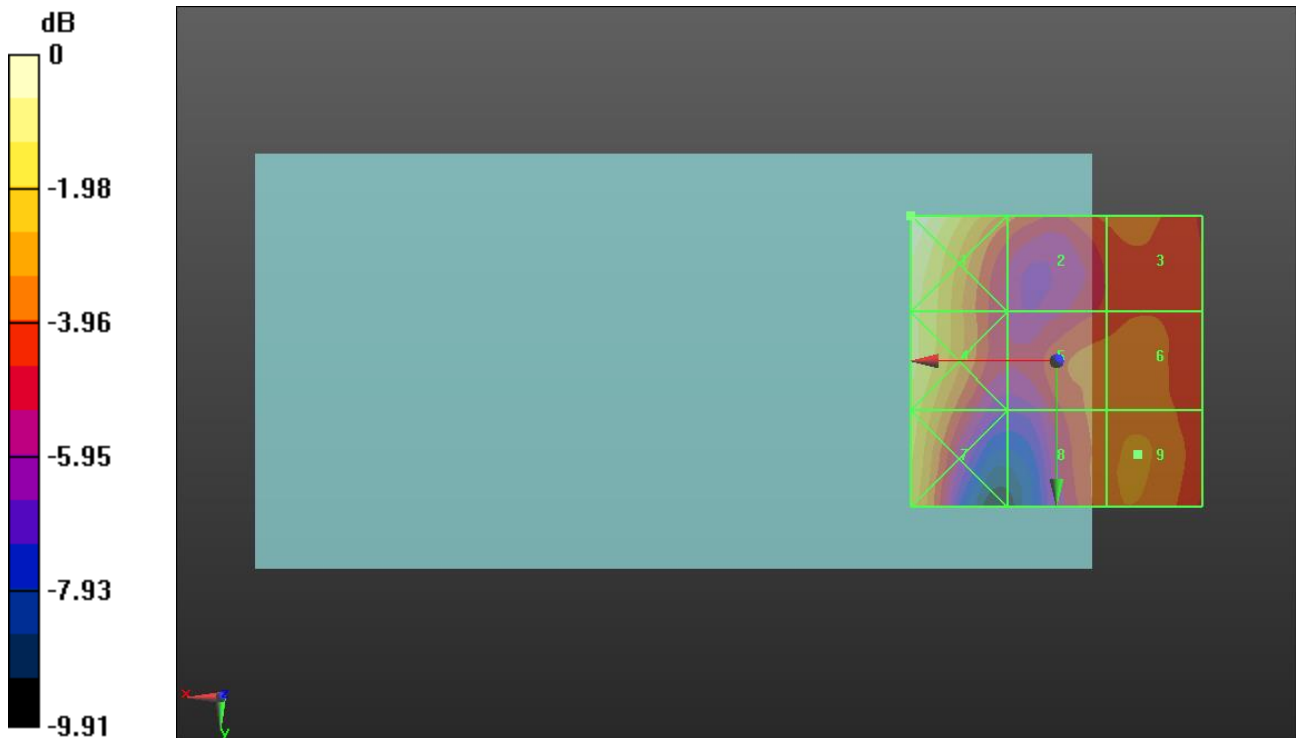
Applied MIF = -1.44 dB

RF audio interference level = 20.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.56 dBV/m	Grid 2 M4 19.99 dBV/m	Grid 3 M4 19.89 dBV/m
Grid 4 M4 22.51 dBV/m	Grid 5 M4 19.97 dBV/m	Grid 6 M4 20.12 dBV/m
Grid 7 M4 22.03 dBV/m	Grid 8 M4 20.06 dBV/m	Grid 9 M4 20.37 dBV/m



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

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 9.843 V/m; Power Drift = 0.04 dB

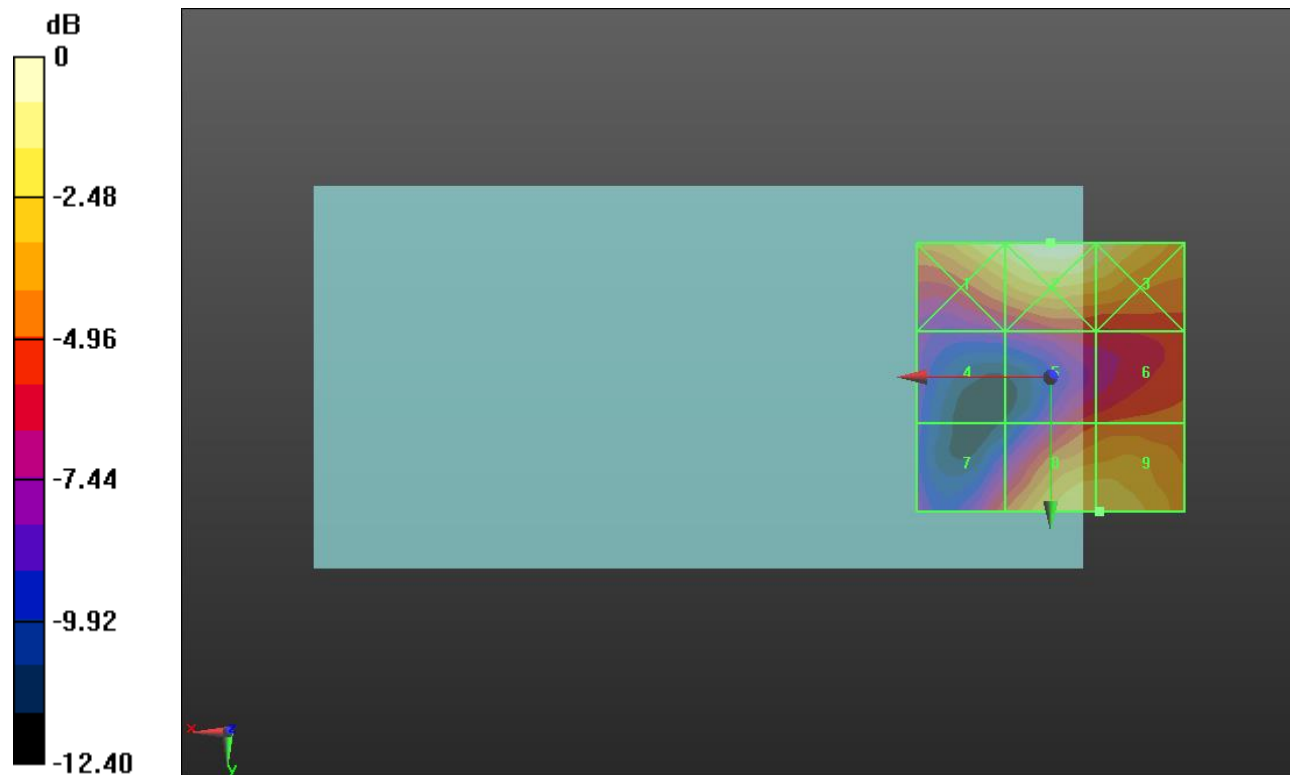
Applied MIF = -2.02 dB

RF audio interference level = 23.95 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.73 dBV/m	Grid 2 M4 25.64 dBV/m	Grid 3 M4 24.61 dBV/m
Grid 4 M4 18.07 dBV/m	Grid 5 M4 20.52 dBV/m	Grid 6 M4 21.1 dBV/m
Grid 7 M4 20.71 dBV/m	Grid 8 M4 23.94 dBV/m	Grid 9 M4 23.95 dBV/m



0 dB = 19.15 V/m = 25.64 dBV/m

HAC-RF Emission ANT 3

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 10.50 V/m; Power Drift = -0.15 dB

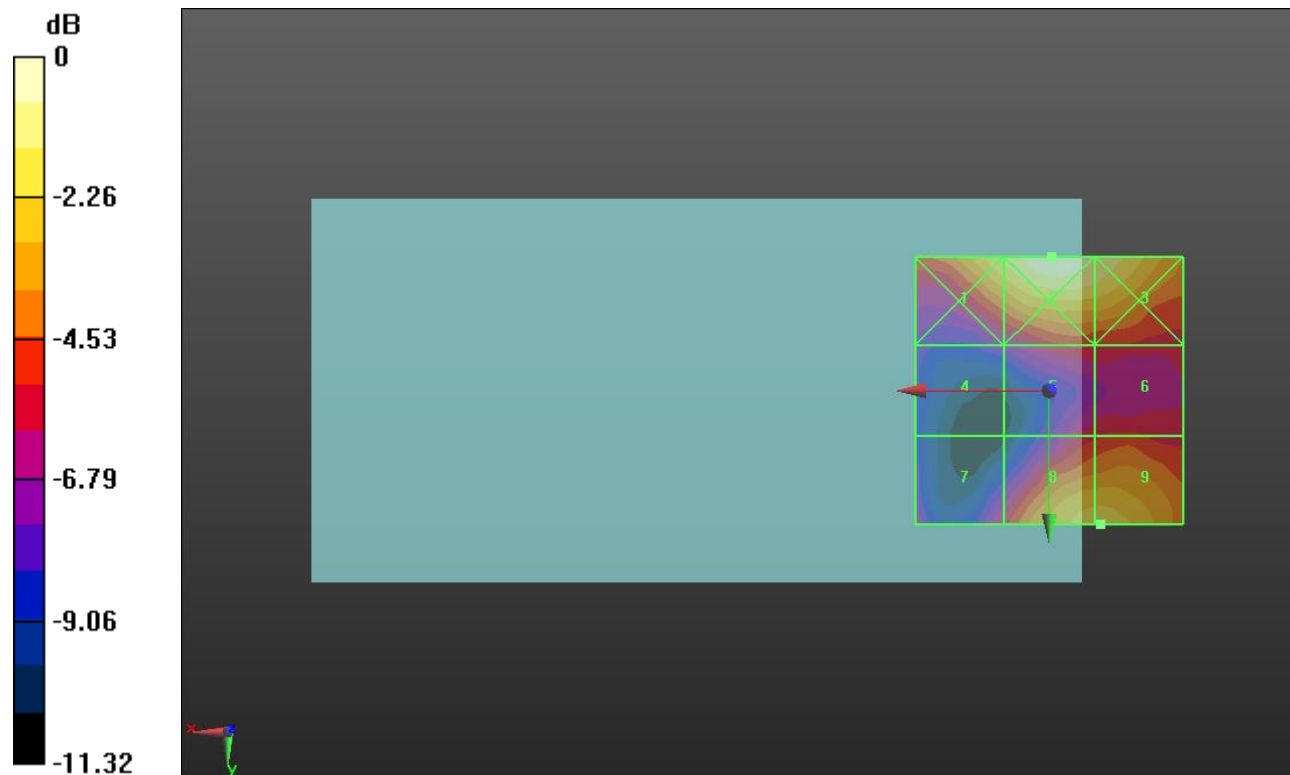
Applied MIF = -2.02 dB

RF audio interference level = 23.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.73 dBV/m	Grid 2 M4 24.96 dBV/m	Grid 3 M4 24.2 dBV/m
Grid 4 M4 17.87 dBV/m	Grid 5 M4 19.87 dBV/m	Grid 6 M4 19.98 dBV/m
Grid 7 M4 19.3 dBV/m	Grid 8 M4 23.12 dBV/m	Grid 9 M4 23.14 dBV/m



0 dB = 17.70 V/m = 24.96 dBV/m

HAC-RF Emission ANT 3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2457 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 10/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.50 V/m; Power Drift = -0.11 dB

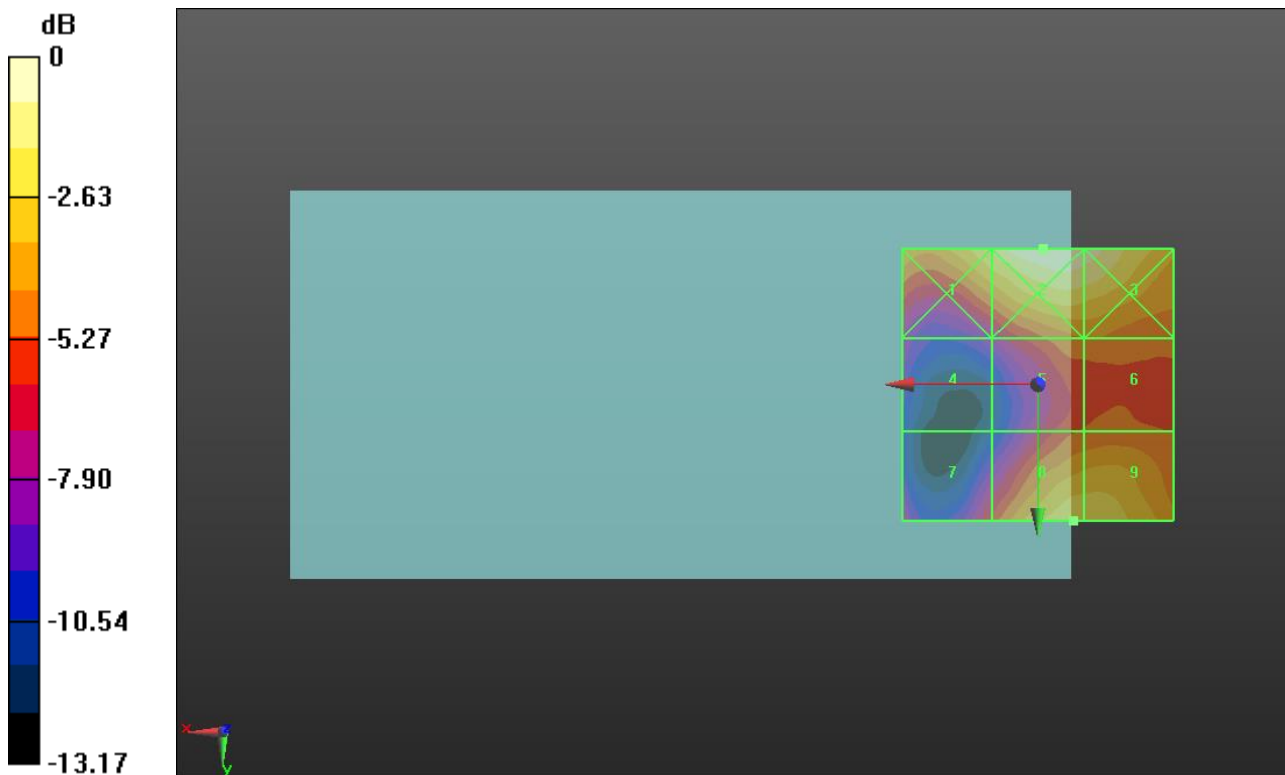
Applied MIF = -2.02 dB

RF audio interference level = 22.67 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.15 dBV/m	Grid 2 M4 24.74 dBV/m	Grid 3 M4 24.35 dBV/m
Grid 4 M4 17.03 dBV/m	Grid 5 M4 20.37 dBV/m	Grid 6 M4 20.41 dBV/m
Grid 7 M4 18.88 dBV/m	Grid 8 M4 22.67 dBV/m	Grid 9 M4 22.61 dBV/m



0 dB = 17.26 V/m = 24.74 dBV/m

HAC-RF Emission ANT 3

Frequency: 2422 MHz; Duty Cycle: 1:12.5893; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps_ch 3/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.140 V/m; Power Drift = 0.07 dB

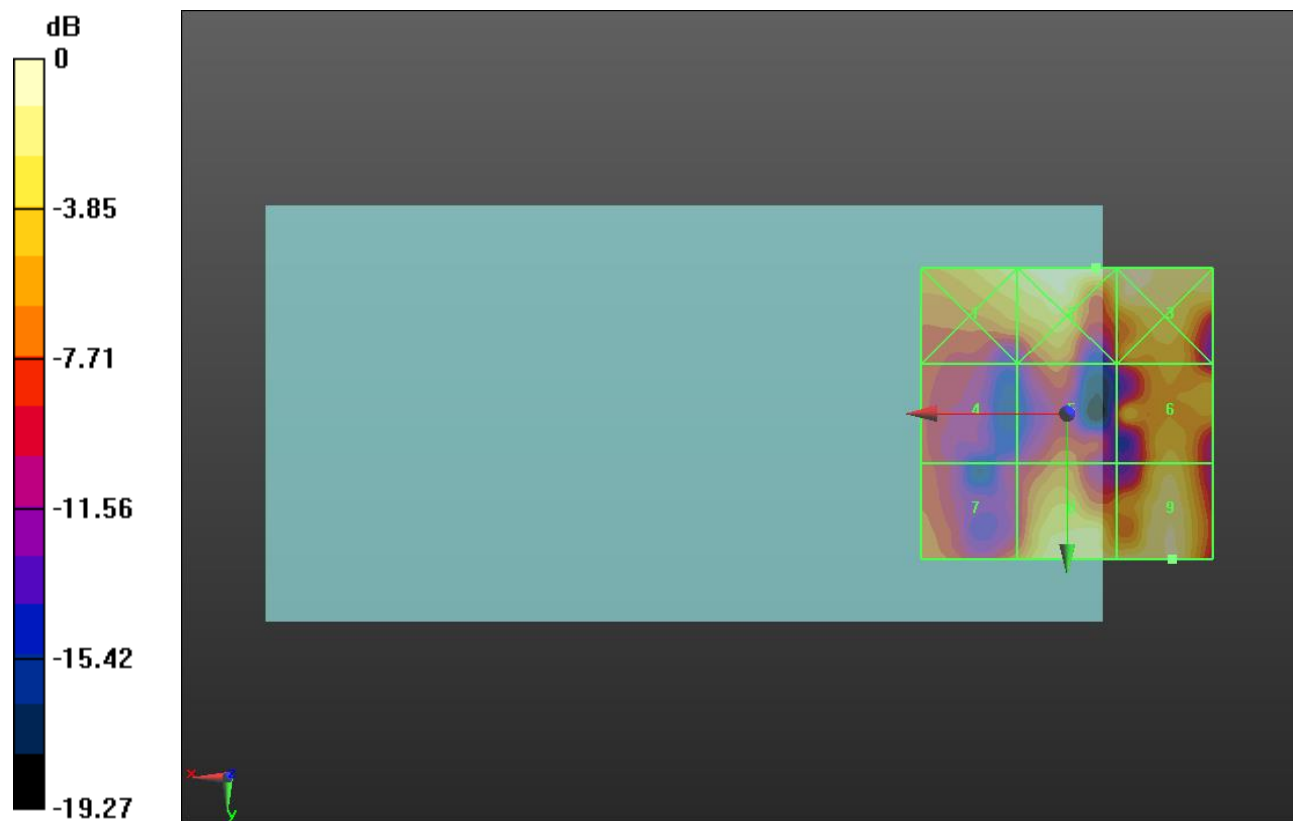
Applied MIF = 0.12 dB

RF audio interference level = 27.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.38 dBV/m	Grid 2 M4 28.02 dBV/m	Grid 3 M4 27.71 dBV/m
Grid 4 M4 19.76 dBV/m	Grid 5 M4 21.28 dBV/m	Grid 6 M4 24.92 dBV/m
Grid 7 M4 21.73 dBV/m	Grid 8 M4 26.69 dBV/m	Grid 9 M4 27.18 dBV/m



0 dB = 25.16 V/m = 28.01 dBV/m

HAC-RF Emission ANT 3

Frequency: 2437 MHz; Duty Cycle: 1:12.5893; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps_ch 6/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.414 V/m; Power Drift = -0.19 dB

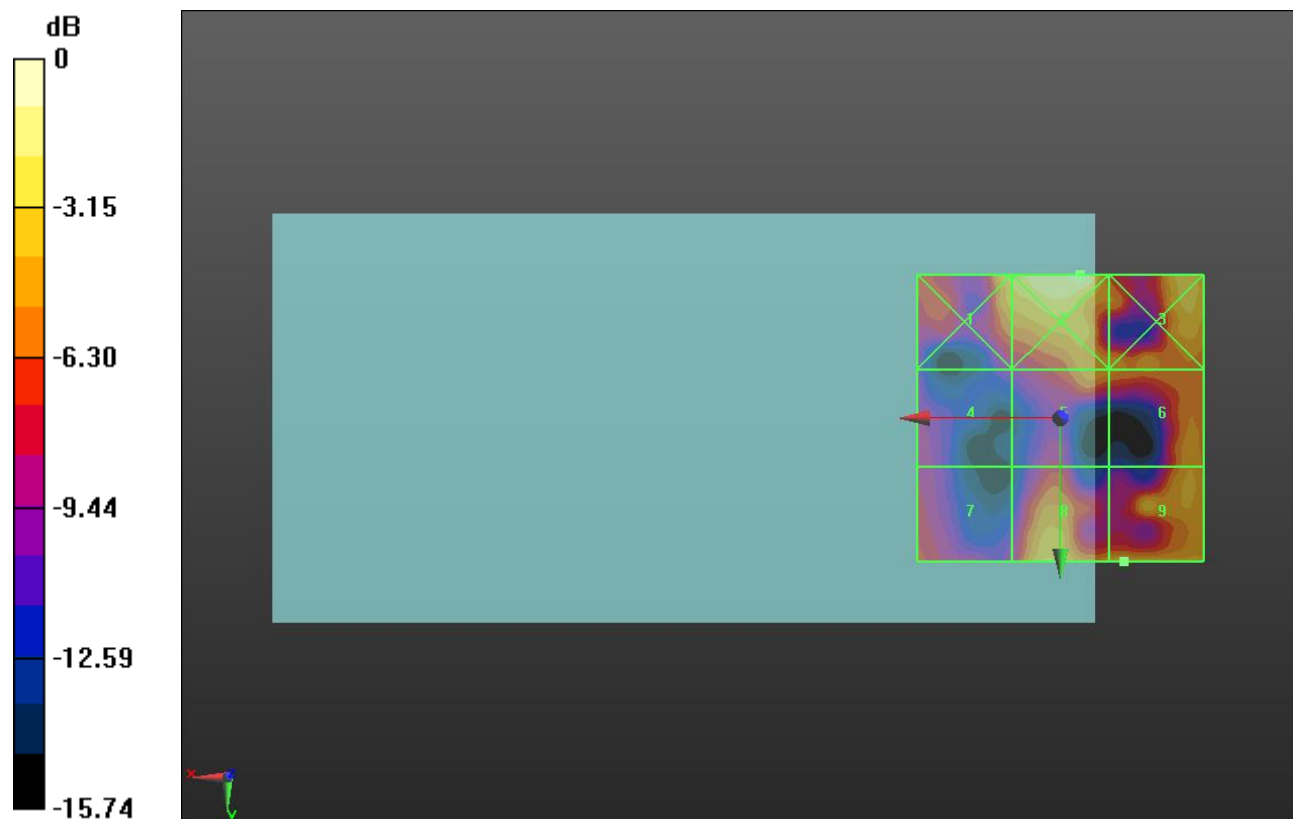
Applied MIF = 0.12 dB

RF audio interference level = 25.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.65 dBV/m	Grid 2 M4 27.76 dBV/m	Grid 3 M4 25.42 dBV/m
Grid 4 M4 19.31 dBV/m	Grid 5 M4 23.13 dBV/m	Grid 6 M4 23.54 dBV/m
Grid 7 M4 21.01 dBV/m	Grid 8 M4 24.92 dBV/m	Grid 9 M4 25.57 dBV/m



0 dB = 24.42 V/m = 27.75 dBV/m

HAC-RF Emission ANT 3

Frequency: 2452 MHz; Duty Cycle: 1:12.5893; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

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 = 9.964 V/m; Power Drift = -0.14 dB

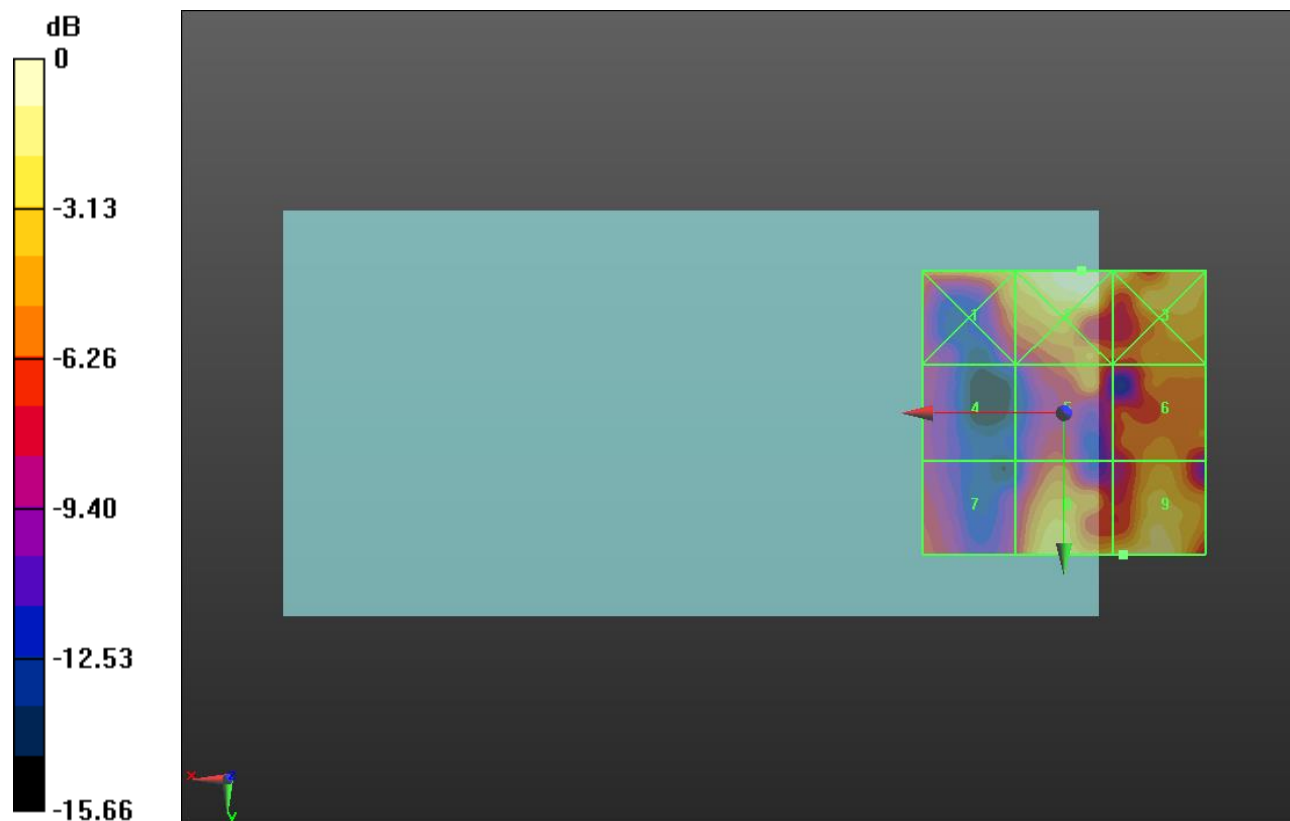
Applied MIF = 0.12 dB

RF audio interference level = 25.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.09 dBV/m	Grid 2 M4 26.53 dBV/m	Grid 3 M4 26.15 dBV/m
Grid 4 M4 17.84 dBV/m	Grid 5 M4 22.1 dBV/m	Grid 6 M4 22.28 dBV/m
Grid 7 M4 20.13 dBV/m	Grid 8 M4 24.72 dBV/m	Grid 9 M4 25.32 dBV/m



0 dB = 21.21 V/m = 26.53 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 16.62 V/m; Power Drift = -0.16 dB

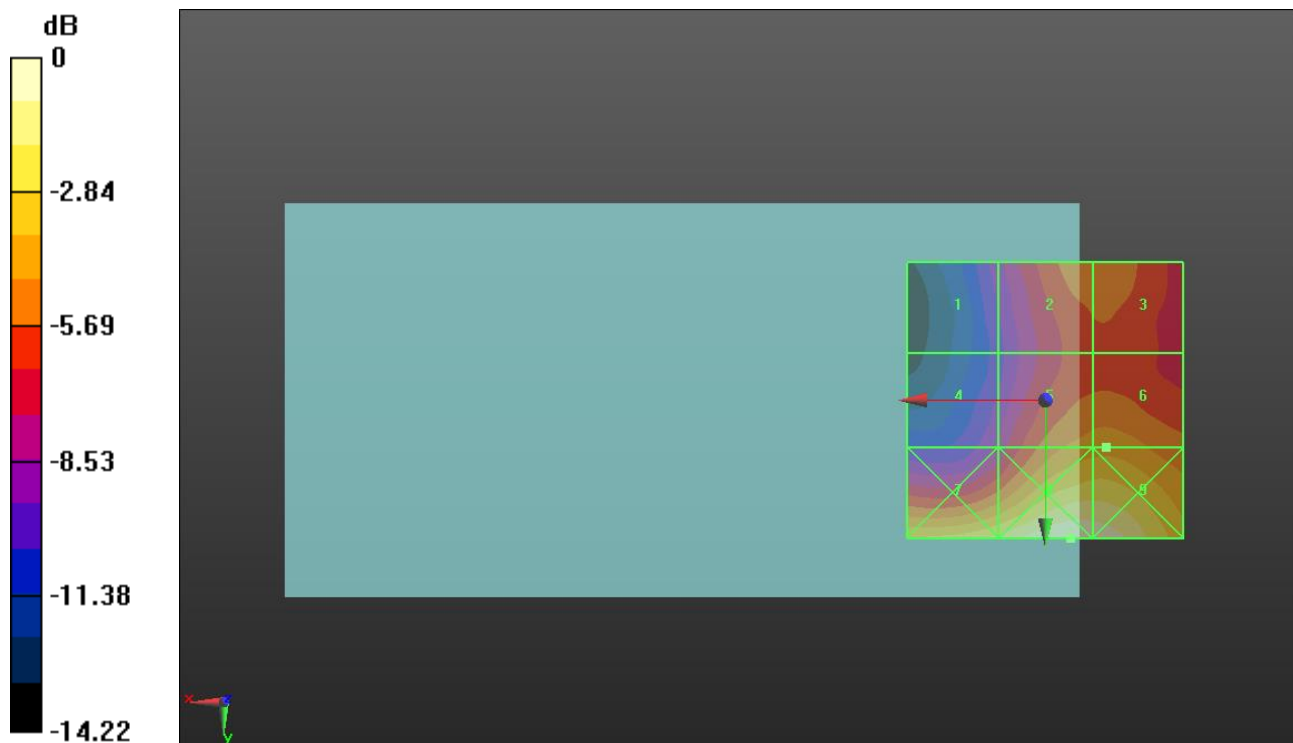
Applied MIF = 3.63 dB

RF audio interference level = 27.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.69 dBV/m	Grid 2 M4 26.47 dBV/m	Grid 3 M4 26.48 dBV/m
Grid 4 M4 23.27 dBV/m	Grid 5 M4 27.3 dBV/m	Grid 6 M4 27.37 dBV/m
Grid 7 M4 29.95 dBV/m	Grid 8 M3 31.47 dBV/m	Grid 9 M3 31.32 dBV/m



0 dB = 37.44 V/m = 31.47 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 17.62 V/m; Power Drift = -0.01 dB

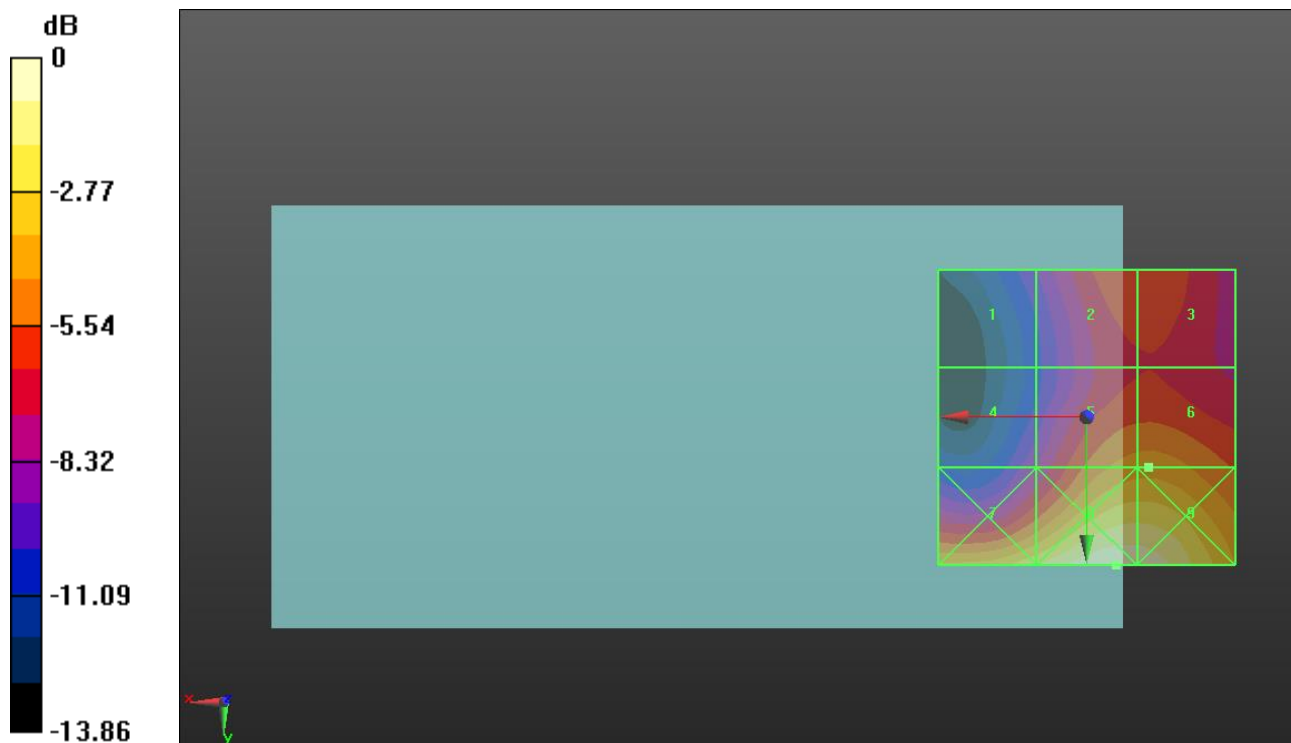
Applied MIF = 3.63 dB

RF audio interference level = 28.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.13 dBV/m	Grid 2 M4 26.7 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 24.05 dBV/m	Grid 5 M4 28.19 dBV/m	Grid 6 M4 28.23 dBV/m
Grid 7 M3 30.46 dBV/m	Grid 8 M3 32.29 dBV/m	Grid 9 M3 32.12 dBV/m



0 dB = 41.16 V/m = 32.29 dBV/m

HAC-RF Emission ANT 4

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 20.32 V/m; Power Drift = -0.09 dB

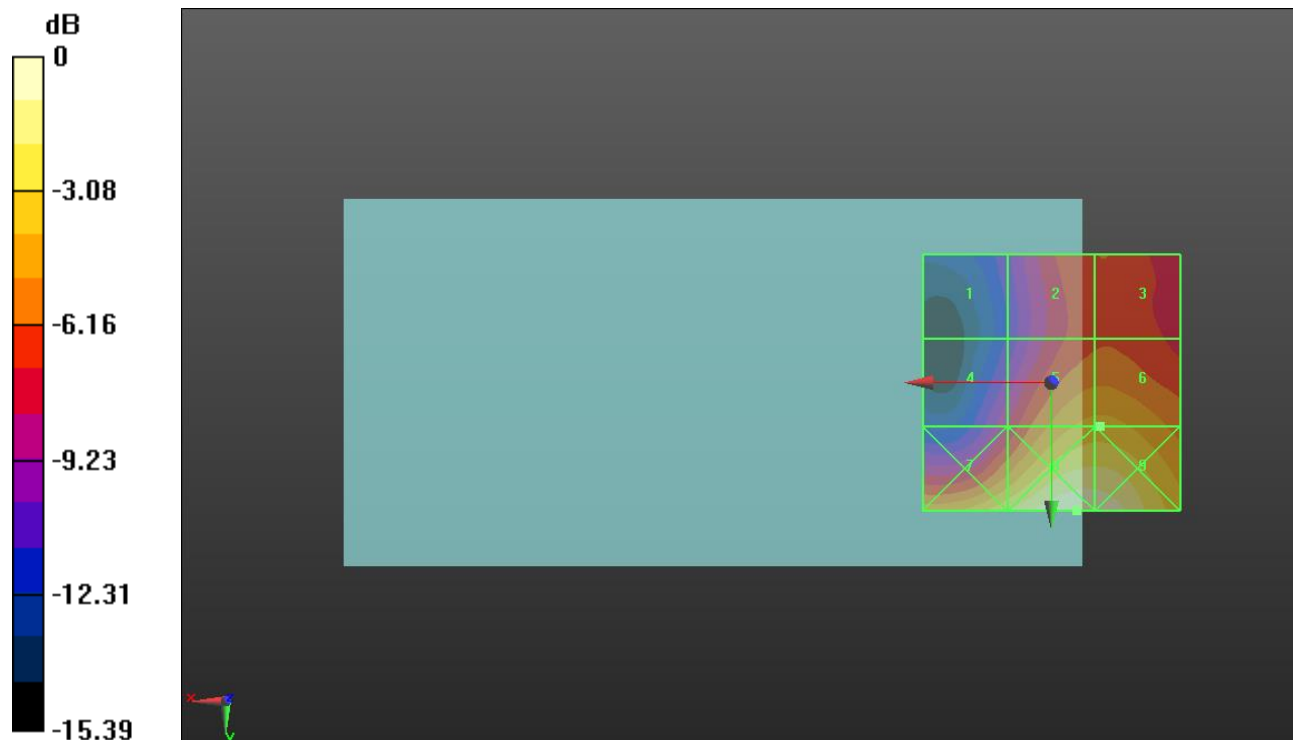
Applied MIF = 3.63 dB

RF audio interference level = 29.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.76 dBV/m	Grid 2 M4 27.05 dBV/m	Grid 3 M4 27.08 dBV/m
Grid 4 M4 25.07 dBV/m	Grid 5 M4 29.49 dBV/m	Grid 6 M4 29.51 dBV/m
Grid 7 M3 31.19 dBV/m	Grid 8 M3 33.2 dBV/m	Grid 9 M3 33.04 dBV/m



0 dB = 45.70 V/m = 33.20 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 29.02 V/m; Power Drift = -0.11 dB

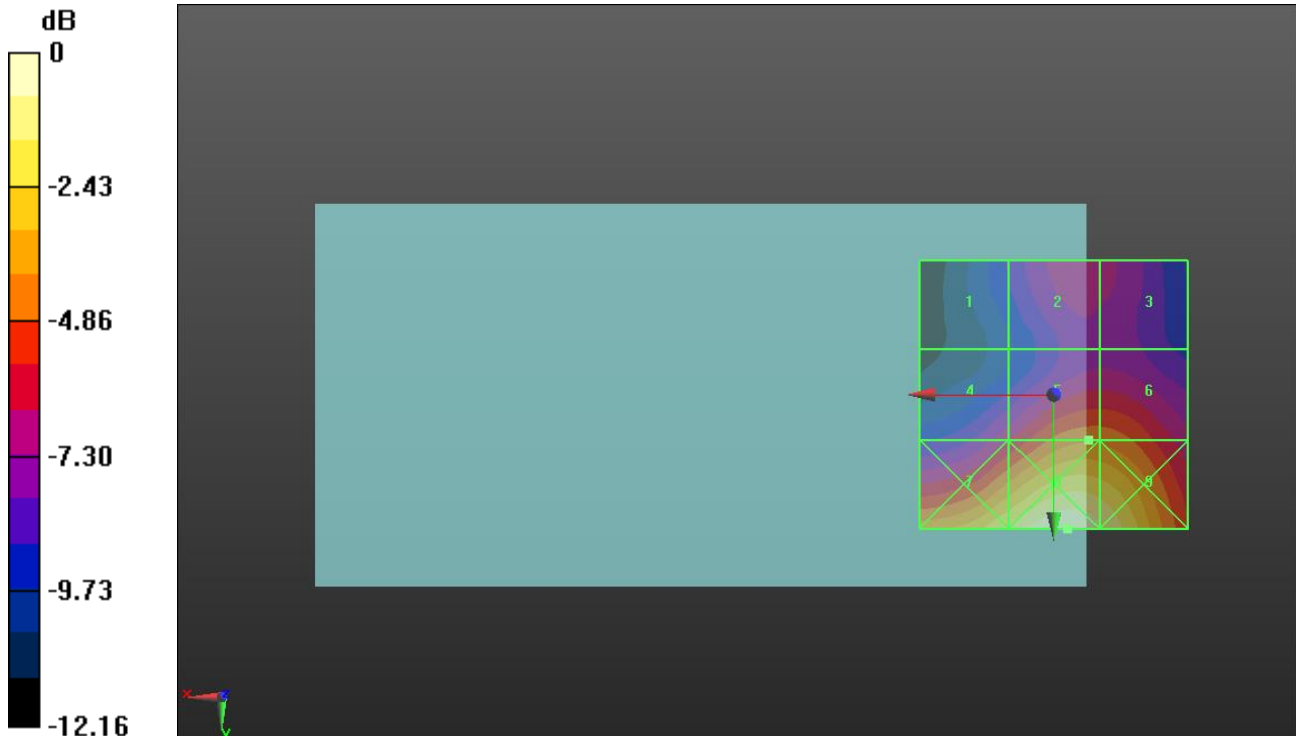
Applied MIF = -1.44 dB

RF audio interference level = 28.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.68 dBV/m	Grid 2 M4 25.73 dBV/m	Grid 3 M4 25.57 dBV/m
Grid 4 M4 26.02 dBV/m	Grid 5 M4 28.34 dBV/m	Grid 6 M4 28.27 dBV/m
Grid 7 M3 31.09 dBV/m	Grid 8 M3 32.5 dBV/m	Grid 9 M3 31.84 dBV/m



0 dB = 42.16 V/m = 32.50 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.77 V/m; Power Drift = 0.01 dB

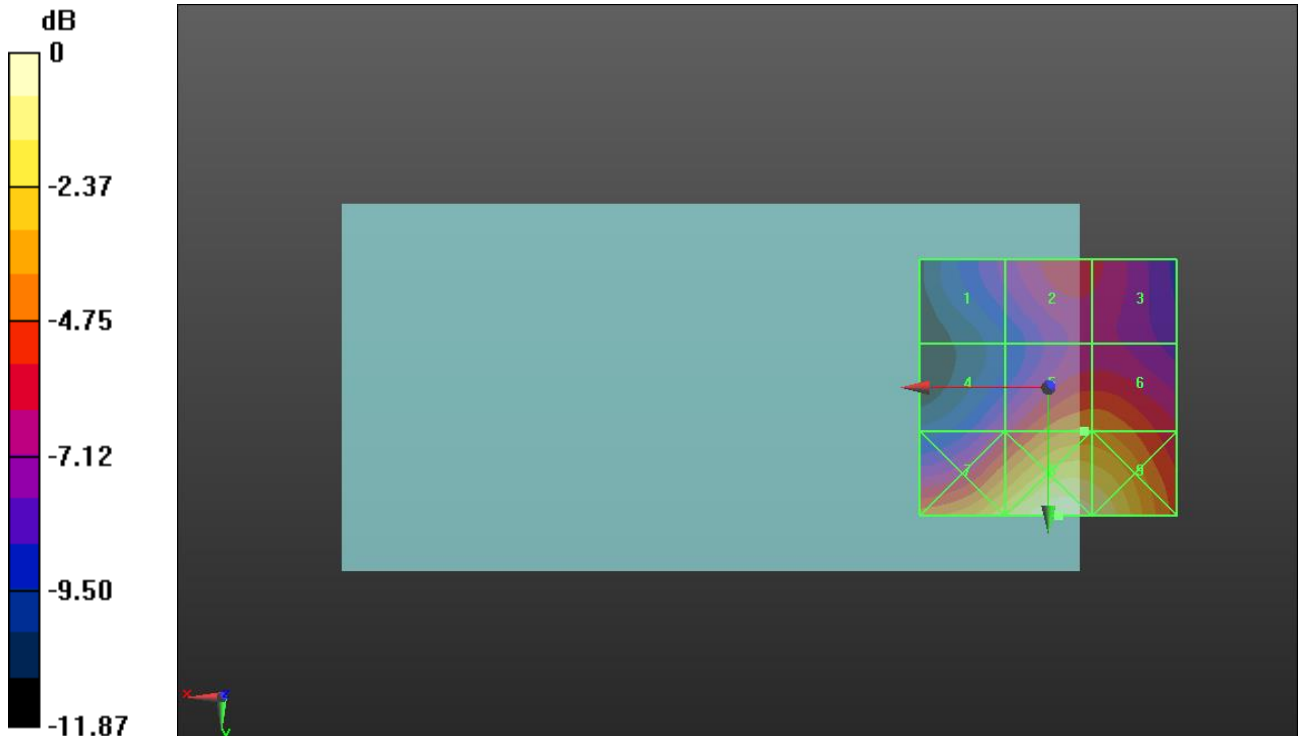
Applied MIF = -1.44 dB

RF audio interference level = 28.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.92 dBV/m	Grid 2 M4 26.6 dBV/m	Grid 3 M4 26.44 dBV/m
Grid 4 M4 25.86 dBV/m	Grid 5 M4 28.73 dBV/m	Grid 6 M4 28.71 dBV/m
Grid 7 M3 30.84 dBV/m	Grid 8 M3 32.49 dBV/m	Grid 9 M3 31.95 dBV/m



0 dB = 42.14 V/m = 32.49 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 30.21 V/m; Power Drift = -0.09 dB

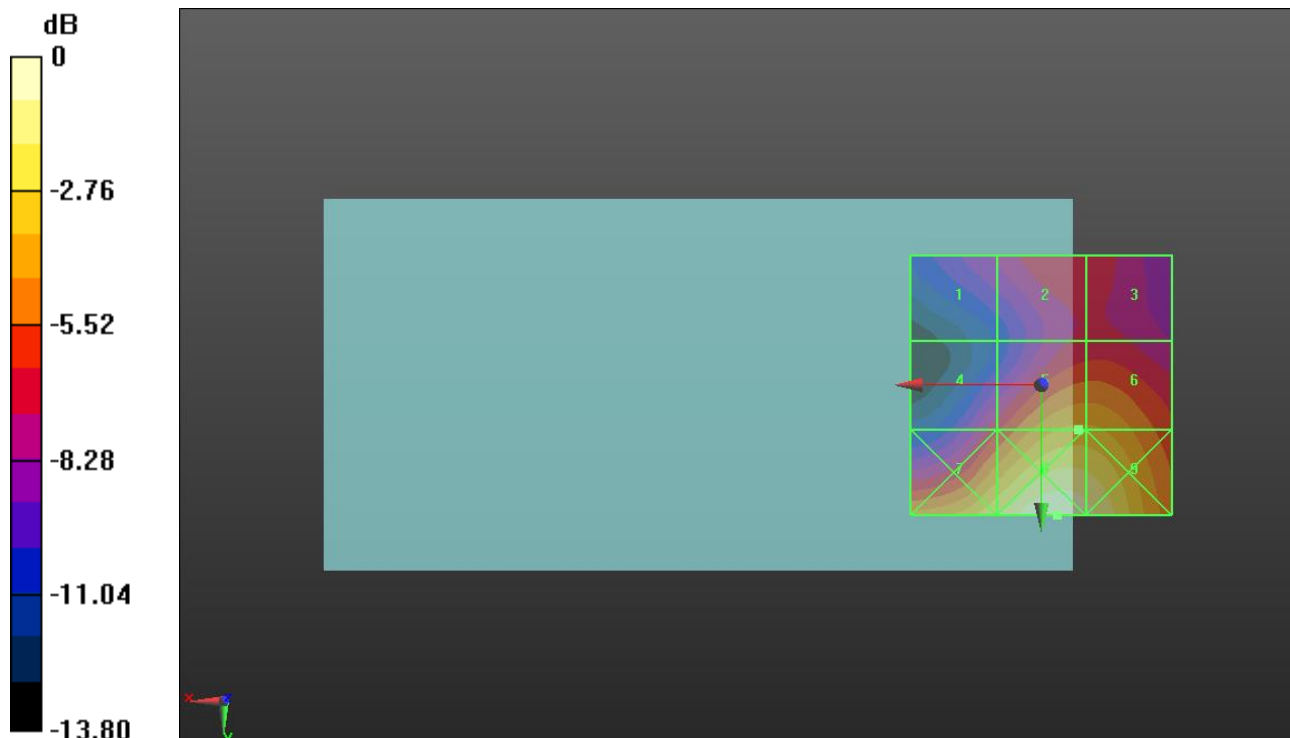
Applied MIF = -1.44 dB

RF audio interference level = 28.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.73 dBV/m	Grid 2 M4 25.26 dBV/m	Grid 3 M4 25.15 dBV/m
Grid 4 M4 25.12 dBV/m	Grid 5 M4 28.35 dBV/m	Grid 6 M4 28.32 dBV/m
Grid 7 M3 30.05 dBV/m	Grid 8 M3 31.78 dBV/m	Grid 9 M3 31.24 dBV/m



0 dB = 38.82 V/m = 31.78 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 33.79 V/m; Power Drift = -0.10 dB

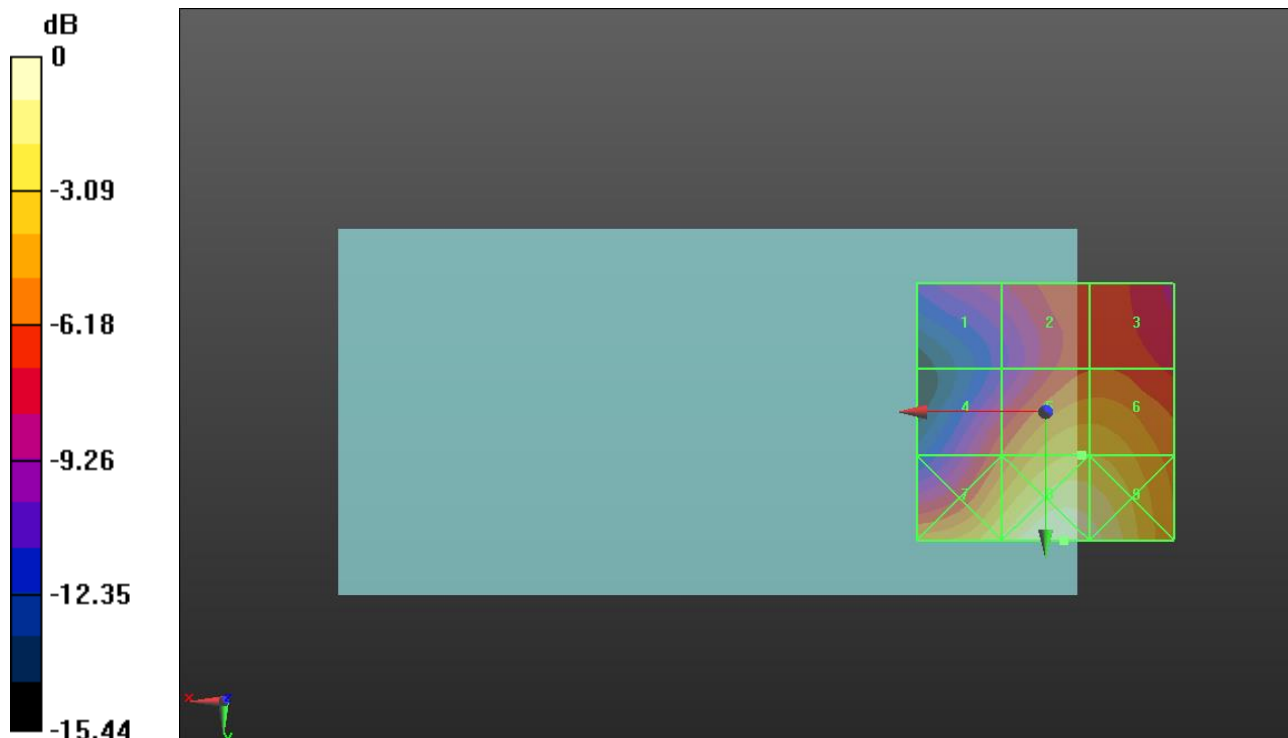
Applied MIF = -1.44 dB

RF audio interference level = 28.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.44 dBV/m	Grid 2 M4 25.55 dBV/m	Grid 3 M4 25.61 dBV/m
Grid 4 M4 25.69 dBV/m	Grid 5 M4 28.83 dBV/m	Grid 6 M4 28.8 dBV/m
Grid 7 M4 29.96 dBV/m	Grid 8 M3 31.77 dBV/m	Grid 9 M3 31.26 dBV/m



0 dB = 38.79 V/m = 31.77 dBV/m

HAC-RF Emission ANT 4

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 39.28 V/m; Power Drift = -0.01 dB

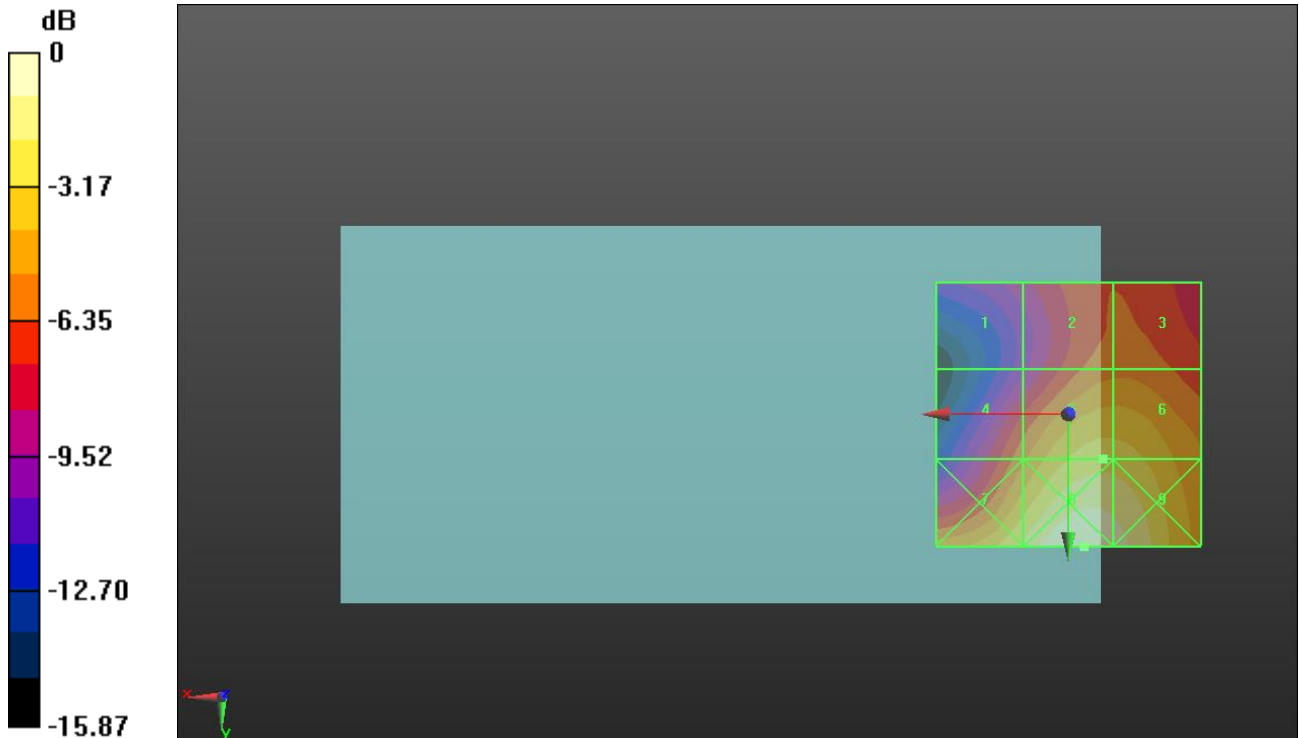
Applied MIF = -1.44 dB

RF audio interference level = 29.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.48 dBV/m	Grid 2 M4 26.62 dBV/m	Grid 3 M4 26.65 dBV/m
Grid 4 M4 26.74 dBV/m	Grid 5 M4 29.7 dBV/m	Grid 6 M4 29.65 dBV/m
Grid 7 M3 30.46 dBV/m	Grid 8 M3 32.21 dBV/m	Grid 9 M3 31.71 dBV/m



0 dB = 40.80 V/m = 32.21 dBV/m

HAC-RF Emission ANT 4

Frequency: 2422 MHz; Duty Cycle: 1:12.5893; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

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

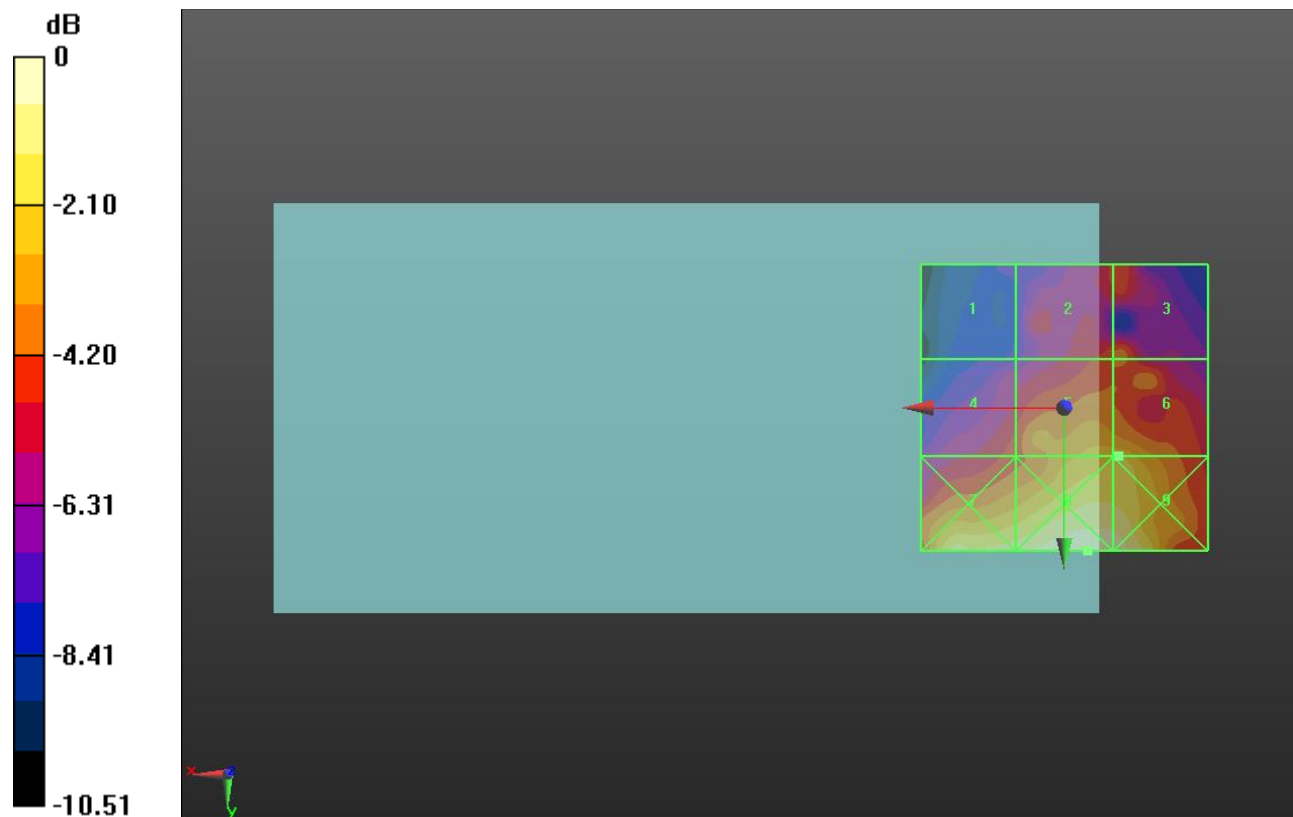
Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 39.45 V/m; Power Drift = 0.06 dB
 Applied MIF = 0.12 dB
 RF audio interference level = 31.56 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.66 dBV/m	Grid 2 M4 29.58 dBV/m	Grid 3 M4 29.8 dBV/m
Grid 4 M4 29.24 dBV/m	Grid 5 M3 31.53 dBV/m	Grid 6 M3 31.56 dBV/m
Grid 7 M3 32.79 dBV/m	Grid 8 M3 33.68 dBV/m	Grid 9 M3 33.56 dBV/m



0 dB = 48.33 V/m = 33.68 dBV/m

HAC-RF Emission ANT 4

Frequency: 2437 MHz; Duty Cycle: 1:12.5893; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

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 = 43.61 V/m; Power Drift = 0.10 dB

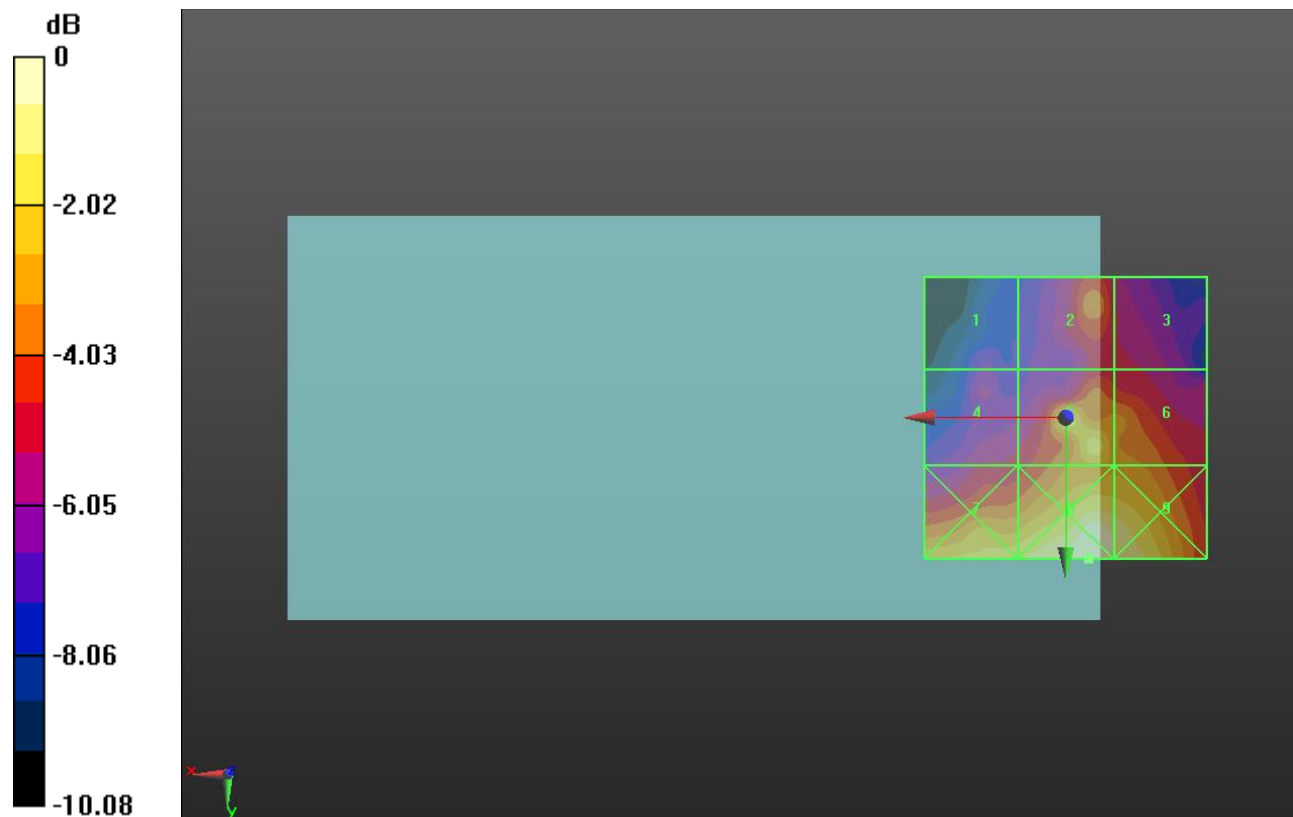
Applied MIF = 0.12 dB

RF audio interference level = 33.27 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 28.35 dBV/m	Grid 2 M3 31.52 dBV/m	Grid 3 M4 29.86 dBV/m
Grid 4 M4 29.82 dBV/m	Grid 5 M3 33.27 dBV/m	Grid 6 M3 32.06 dBV/m
Grid 7 M3 33.43 dBV/m	Grid 8 M3 34.86 dBV/m	Grid 9 M3 34.14 dBV/m



0 dB = 55.31 V/m = 34.86 dBV/m

HAC-RF Emission ANT 4

Frequency: 2452 MHz; Duty Cycle: 1:12.5893; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

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 = 48.57 V/m; Power Drift = -0.01 dB

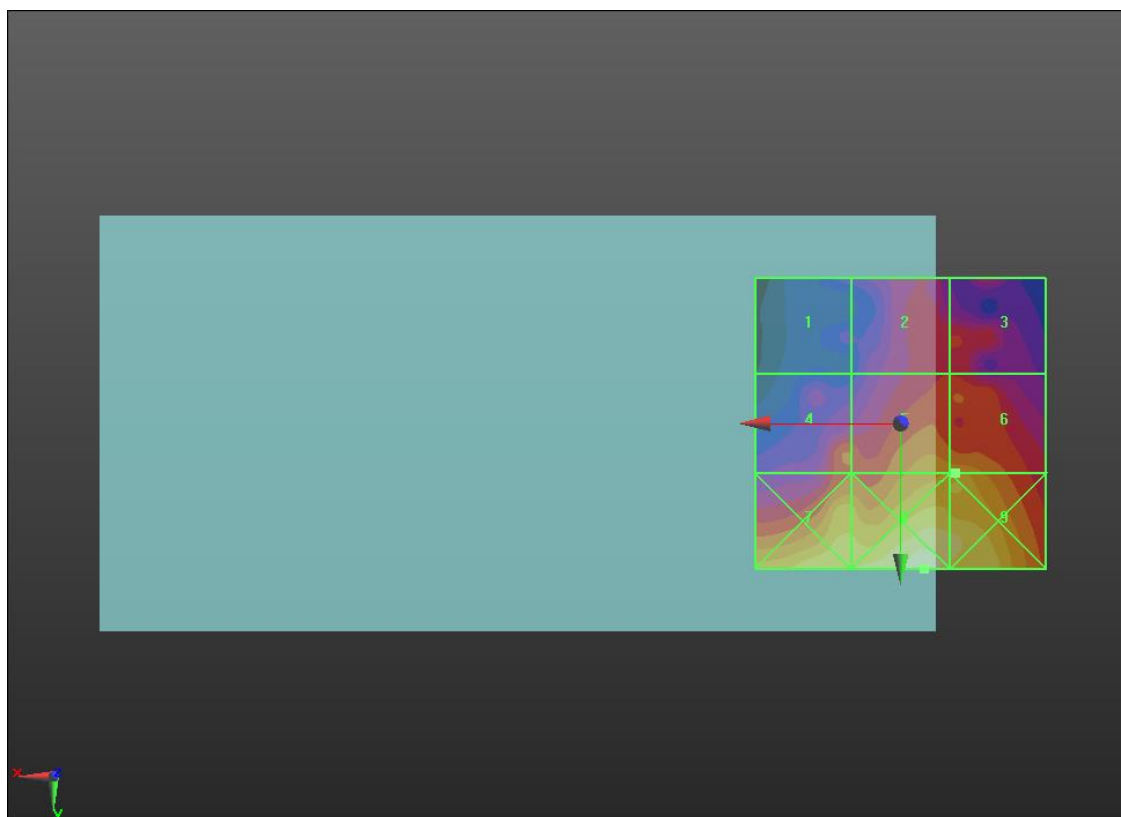
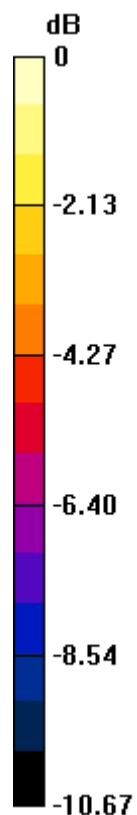
Applied MIF = 0.12 dB

RF audio interference level = 33.40 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.87 dBV/m	Grid 2 M3 31.15 dBV/m	Grid 3 M3 31.21 dBV/m
Grid 4 M3 31.96 dBV/m	Grid 5 M3 33.33 dBV/m	Grid 6 M3 33.4 dBV/m
Grid 7 M3 34.81 dBV/m	Grid 8 M2 36.07 dBV/m	Grid 9 M3 34.89 dBV/m



0 dB = 63.59 V/m = 36.07 dBV/m

HAC-RF Emission ANT 5

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.17 V/m; Power Drift = -0.12 dB

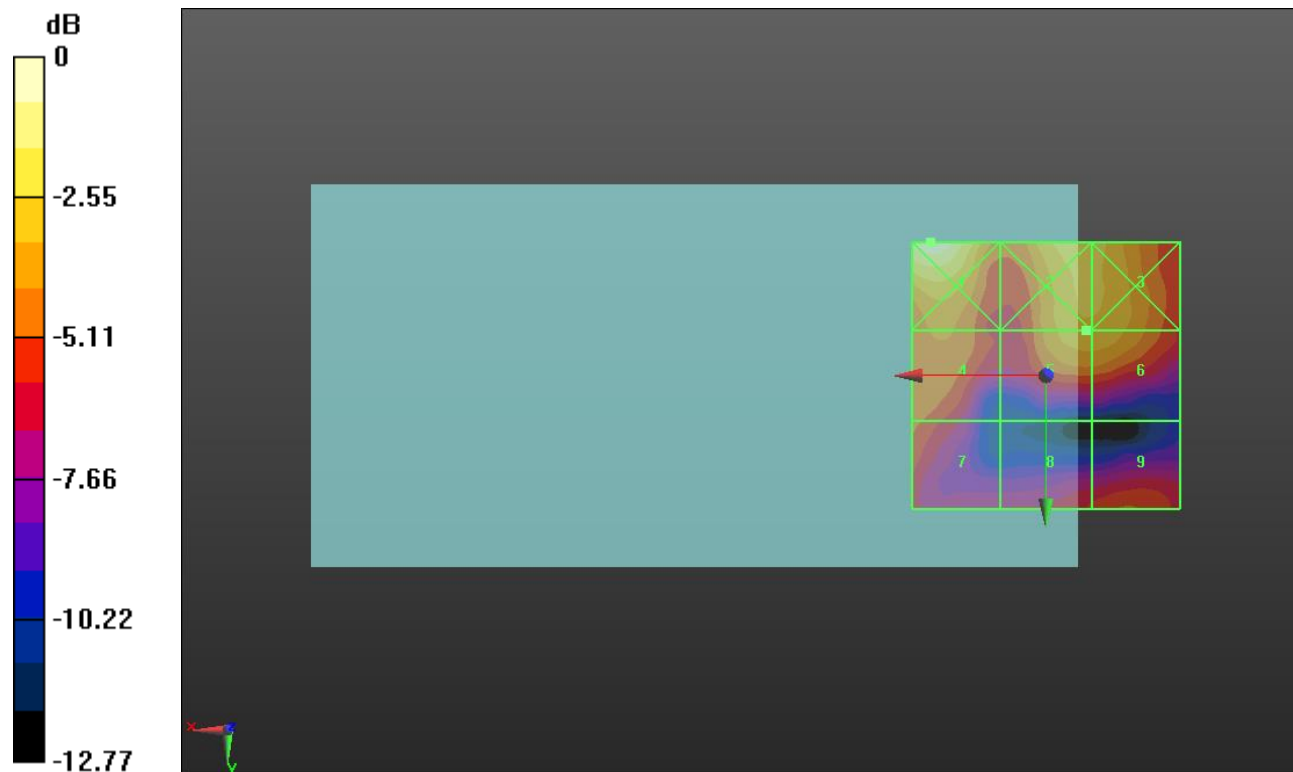
Applied MIF = -3.15 dB

RF audio interference level = 17.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.22 dBV/m	Grid 2 M4 18.26 dBV/m	Grid 3 M4 18.12 dBV/m
Grid 4 M4 16.18 dBV/m	Grid 5 M4 17.49 dBV/m	Grid 6 M4 17.46 dBV/m
Grid 7 M4 15.45 dBV/m	Grid 8 M4 14.47 dBV/m	Grid 9 M4 15.22 dBV/m



0 dB = 10.26 V/m = 20.22 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 11.00 V/m; Power Drift = -0.11 dB

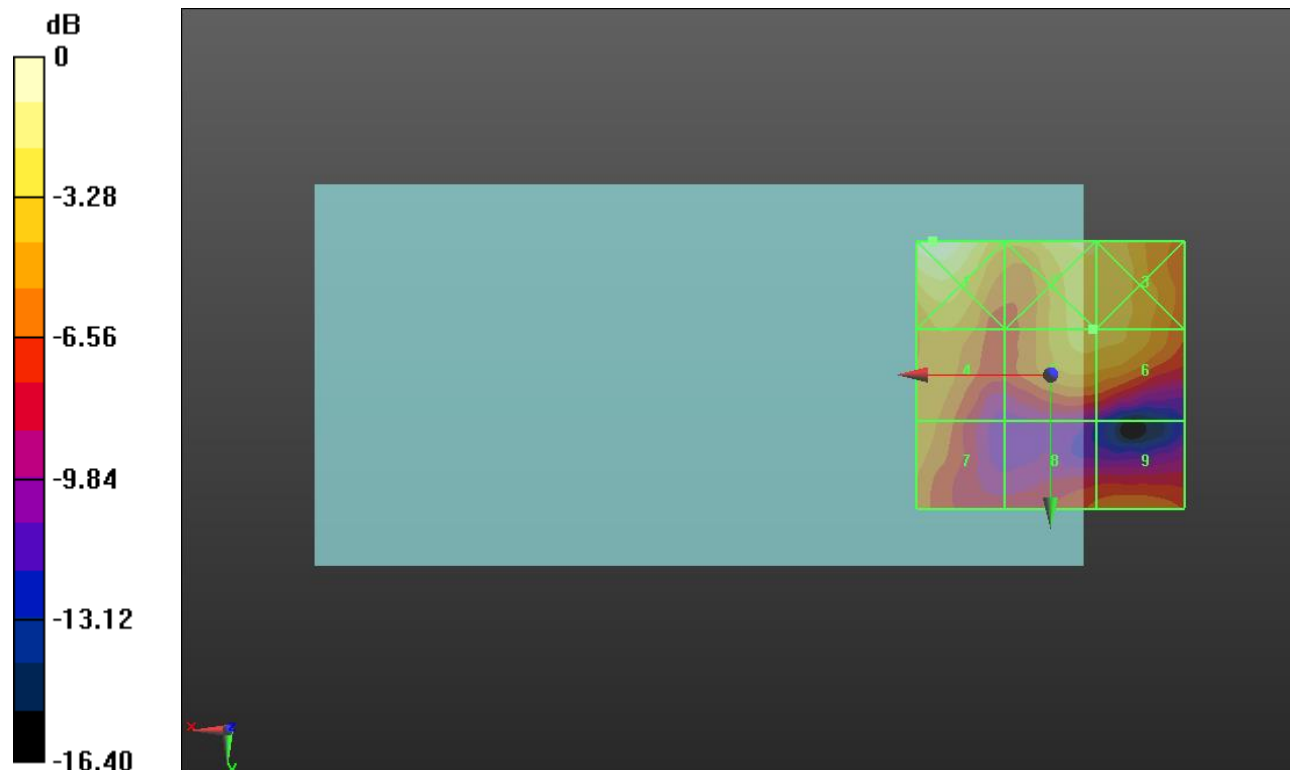
Applied MIF = -3.15 dB

RF audio interference level = 17.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.12 dBV/m	Grid 2 M4 18.15 dBV/m	Grid 3 M4 18.04 dBV/m
Grid 4 M4 15.85 dBV/m	Grid 5 M4 17.43 dBV/m	Grid 6 M4 17.42 dBV/m
Grid 7 M4 15.41 dBV/m	Grid 8 M4 13.85 dBV/m	Grid 9 M4 14.46 dBV/m



0 dB = 10.13 V/m = 20.11 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 12.24 V/m; Power Drift = 0.16 dB

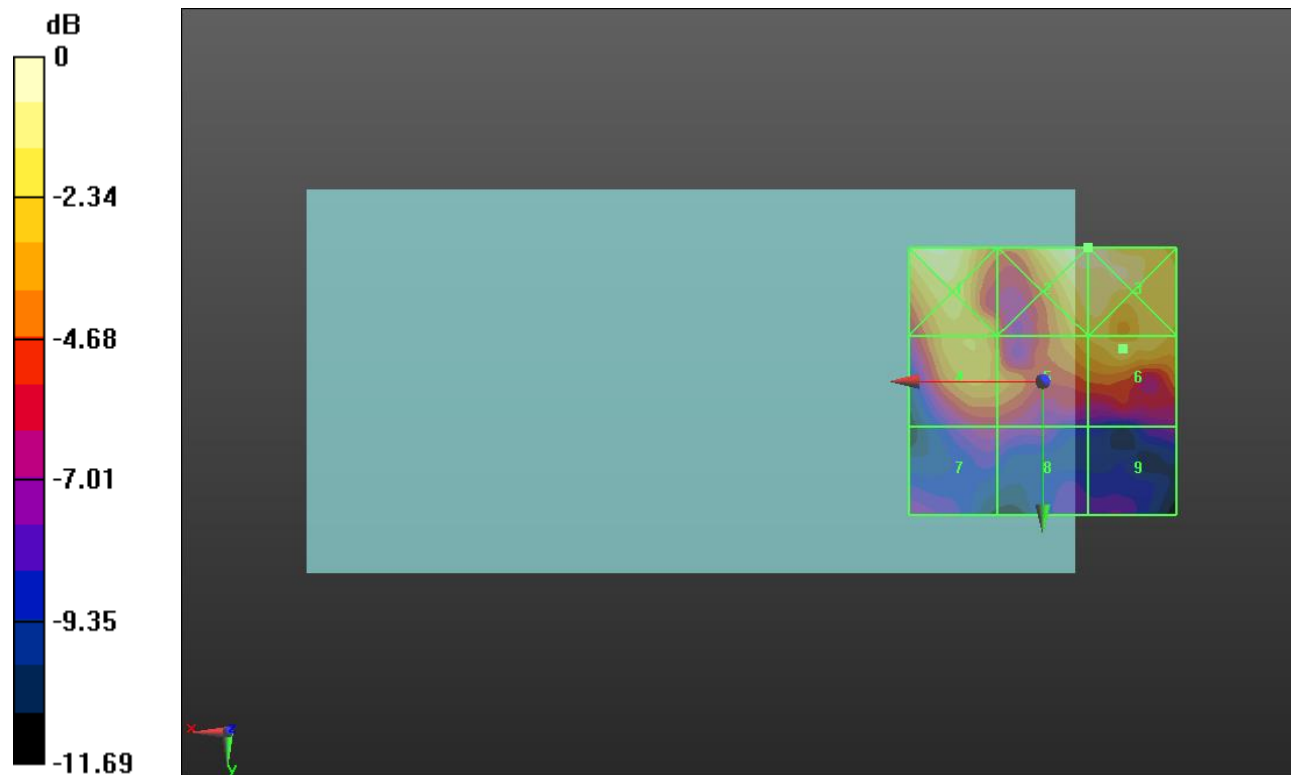
Applied MIF = -3.15 dB

RF audio interference level = 19.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.31 dBV/m	Grid 2 M4 20.86 dBV/m	Grid 3 M4 20.86 dBV/m
Grid 4 M4 18.58 dBV/m	Grid 5 M4 18.62 dBV/m	Grid 6 M4 19.08 dBV/m
Grid 7 M4 14.73 dBV/m	Grid 8 M4 14.62 dBV/m	Grid 9 M4 13.64 dBV/m



0 dB = 11.04 V/m = 20.86 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 7.429 V/m; Power Drift = 0.19 dB

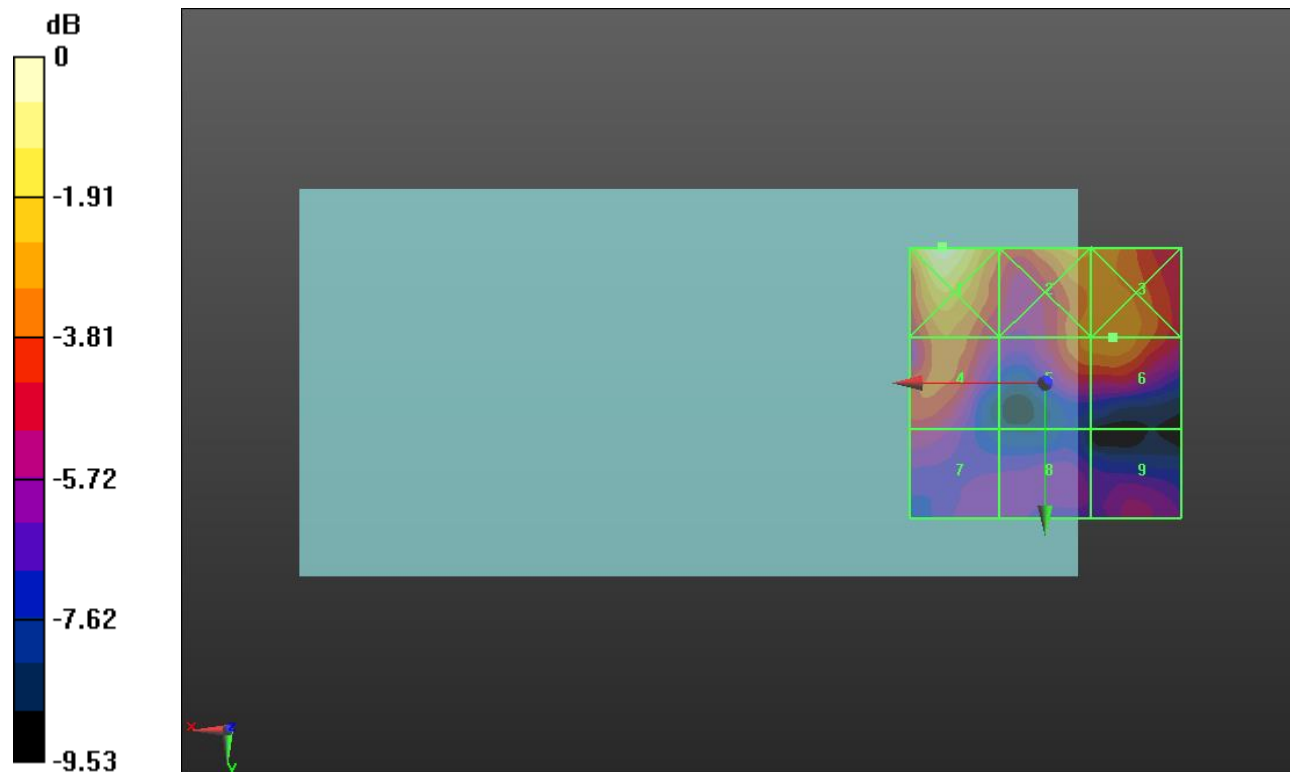
Applied MIF = -3.15 dB

RF audio interference level = 16.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.38 dBV/m	Grid 2 M4 17.19 dBV/m	Grid 3 M4 17.02 dBV/m
Grid 4 M4 16.21 dBV/m	Grid 5 M4 16.51 dBV/m	Grid 6 M4 16.73 dBV/m
Grid 7 M4 14.5 dBV/m	Grid 8 M4 13.53 dBV/m	Grid 9 M4 13.87 dBV/m



0 dB = 9.311 V/m = 19.38 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 6.027 V/m; Power Drift = -0.10 dB

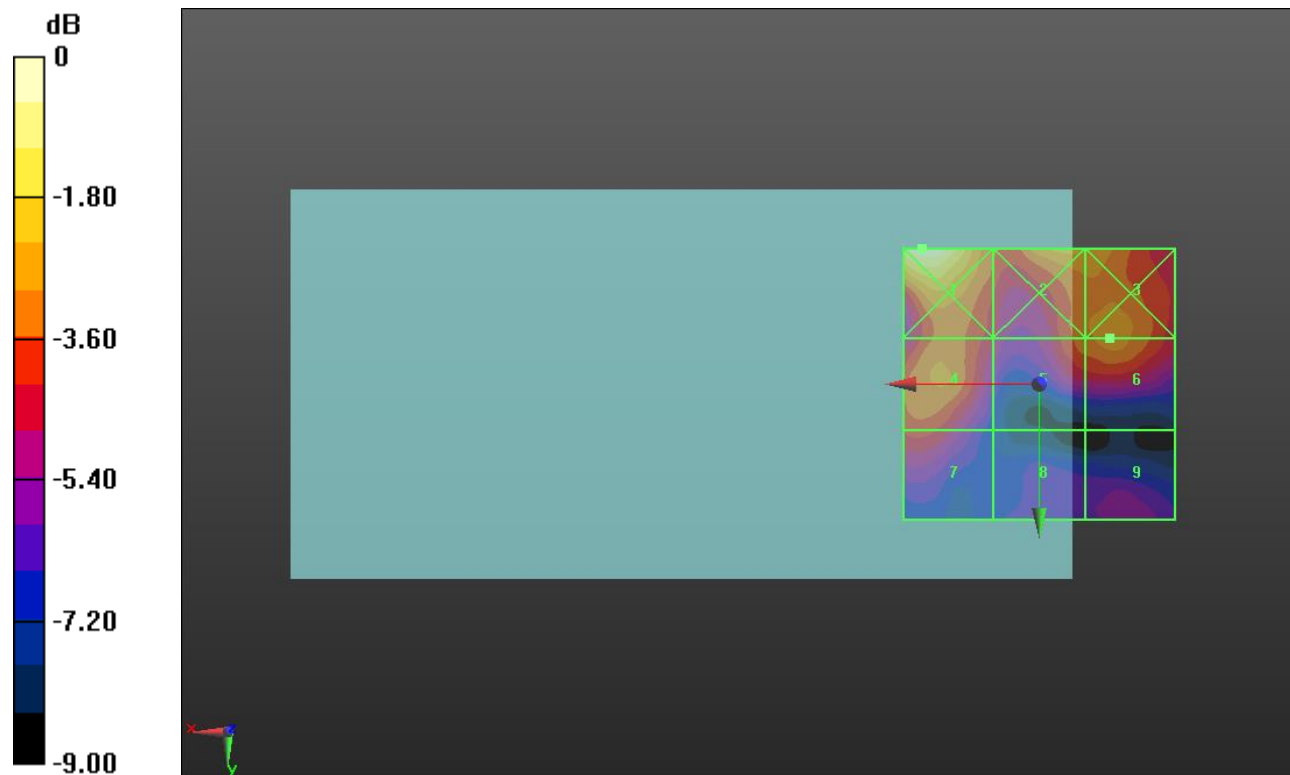
Applied MIF = -3.15 dB

RF audio interference level = 16.13 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.92 dBV/m	Grid 2 M4 16.82 dBV/m	Grid 3 M4 16.7 dBV/m
Grid 4 M4 16.03 dBV/m	Grid 5 M4 15.74 dBV/m	Grid 6 M4 16.13 dBV/m
Grid 7 M4 15 dBV/m	Grid 8 M4 12.93 dBV/m	Grid 9 M4 13.25 dBV/m



0 dB = 8.830 V/m = 18.92 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 6.215 V/m; Power Drift = 0.08 dB

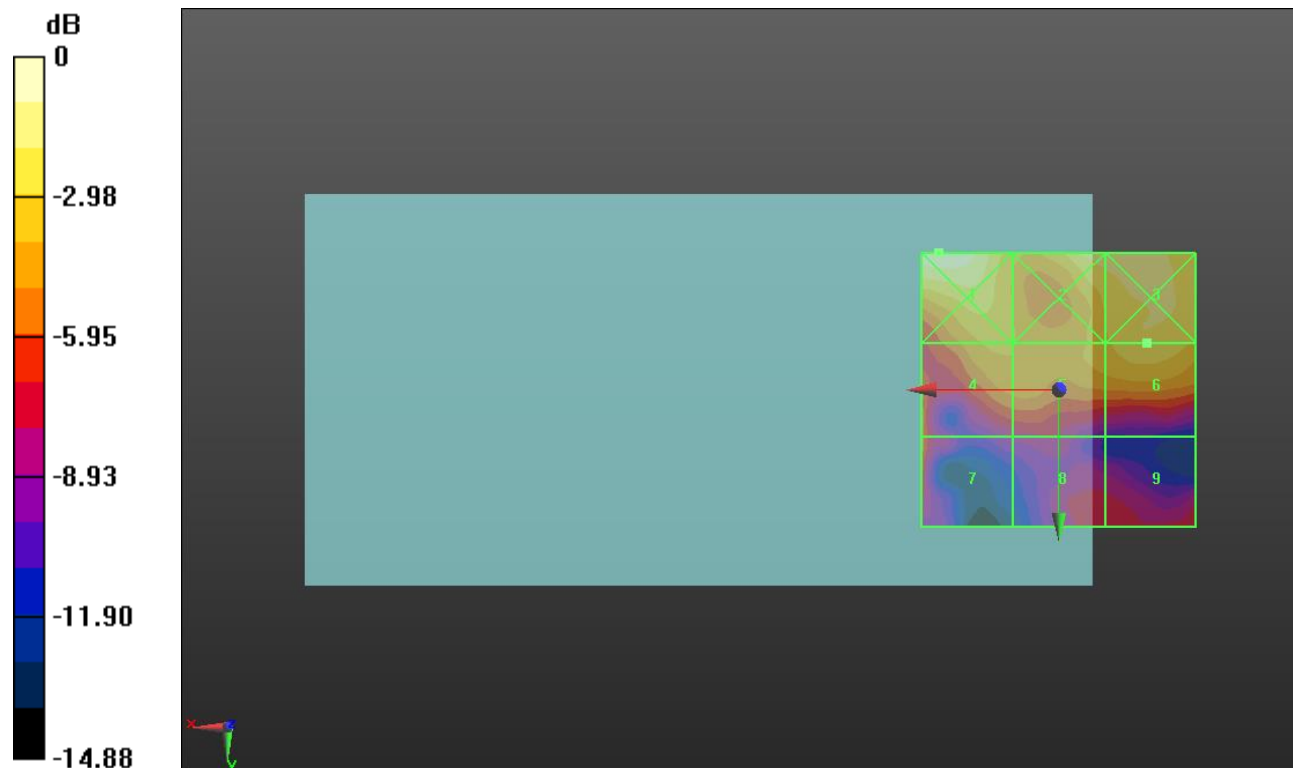
Applied MIF = -3.15 dB

RF audio interference level = 17.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.43 dBV/m	Grid 2 M4 18.07 dBV/m	Grid 3 M4 18.1 dBV/m
Grid 4 M4 15.66 dBV/m	Grid 5 M4 16.27 dBV/m	Grid 6 M4 17.19 dBV/m
Grid 7 M4 14.23 dBV/m	Grid 8 M4 12.06 dBV/m	Grid 9 M4 12.04 dBV/m



0 dB = 9.369 V/m = 19.43 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 9.305 V/m; Power Drift = 0.03 dB

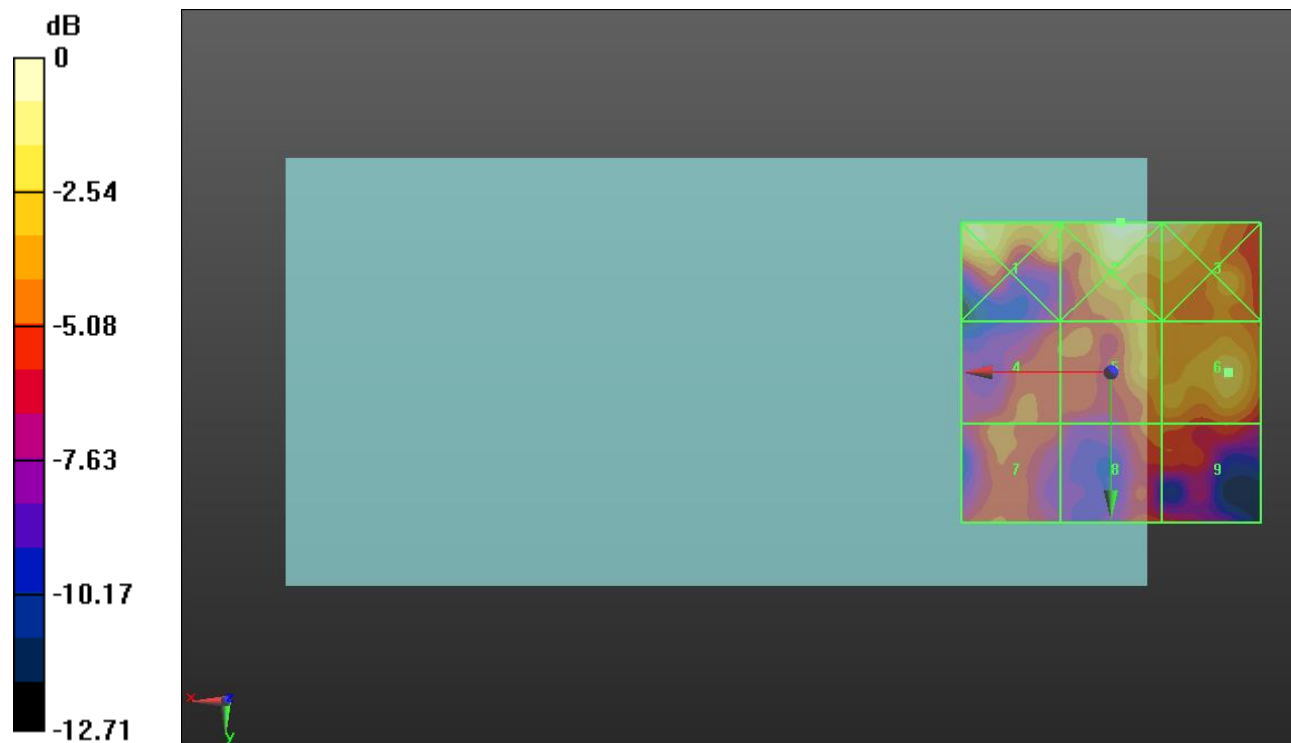
Applied MIF = -3.15 dB

RF audio interference level = 19.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.36 dBV/m	Grid 2 M4 20.81 dBV/m	Grid 3 M4 20.18 dBV/m
Grid 4 M4 15.97 dBV/m	Grid 5 M4 17.82 dBV/m	Grid 6 M4 19.31 dBV/m
Grid 7 M4 16.31 dBV/m	Grid 8 M4 16.24 dBV/m	Grid 9 M4 16.22 dBV/m



0 dB = 10.97 V/m = 20.80 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 124/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.619 V/m; Power Drift = -0.15 dB

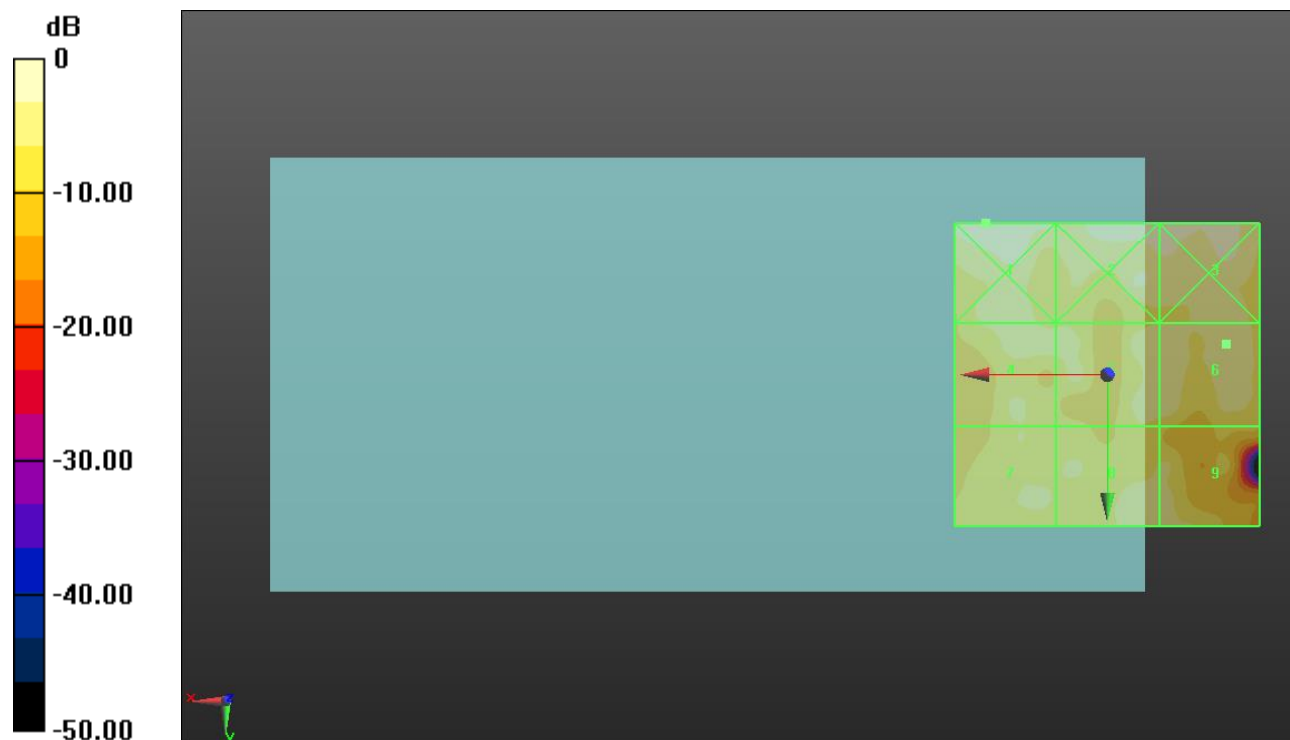
Applied MIF = -3.15 dB

RF audio interference level = 15.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.01 dBV/m	Grid 2 M4 18.22 dBV/m	Grid 3 M4 17.24 dBV/m
Grid 4 M4 14.57 dBV/m	Grid 5 M4 14.21 dBV/m	Grid 6 M4 15.18 dBV/m
Grid 7 M4 12.45 dBV/m	Grid 8 M4 14.18 dBV/m	Grid 9 M4 13.73 dBV/m



0 dB = 8.923 V/m = 19.01 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 6.558 V/m; Power Drift = -0.01 dB

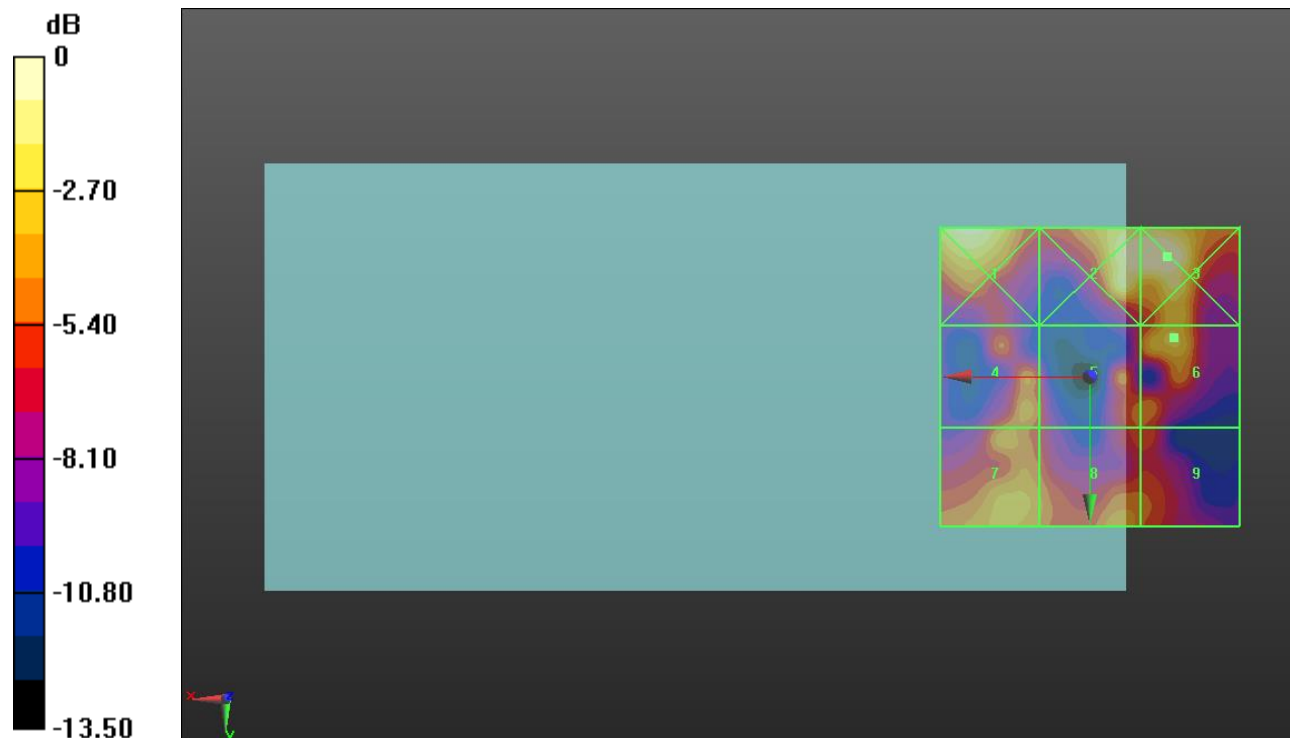
Applied MIF = -3.15 dB

RF audio interference level = 14.79 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.73 dBV/m	Grid 2 M4 17.06 dBV/m	Grid 3 M4 17.2 dBV/m
Grid 4 M4 13.3 dBV/m	Grid 5 M4 12.41 dBV/m	Grid 6 M4 14.79 dBV/m
Grid 7 M4 14.04 dBV/m	Grid 8 M4 13.7 dBV/m	Grid 9 M4 12.34 dBV/m



0 dB = 7.248 V/m = 17.20 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 12.37 V/m; Power Drift = -0.04 dB

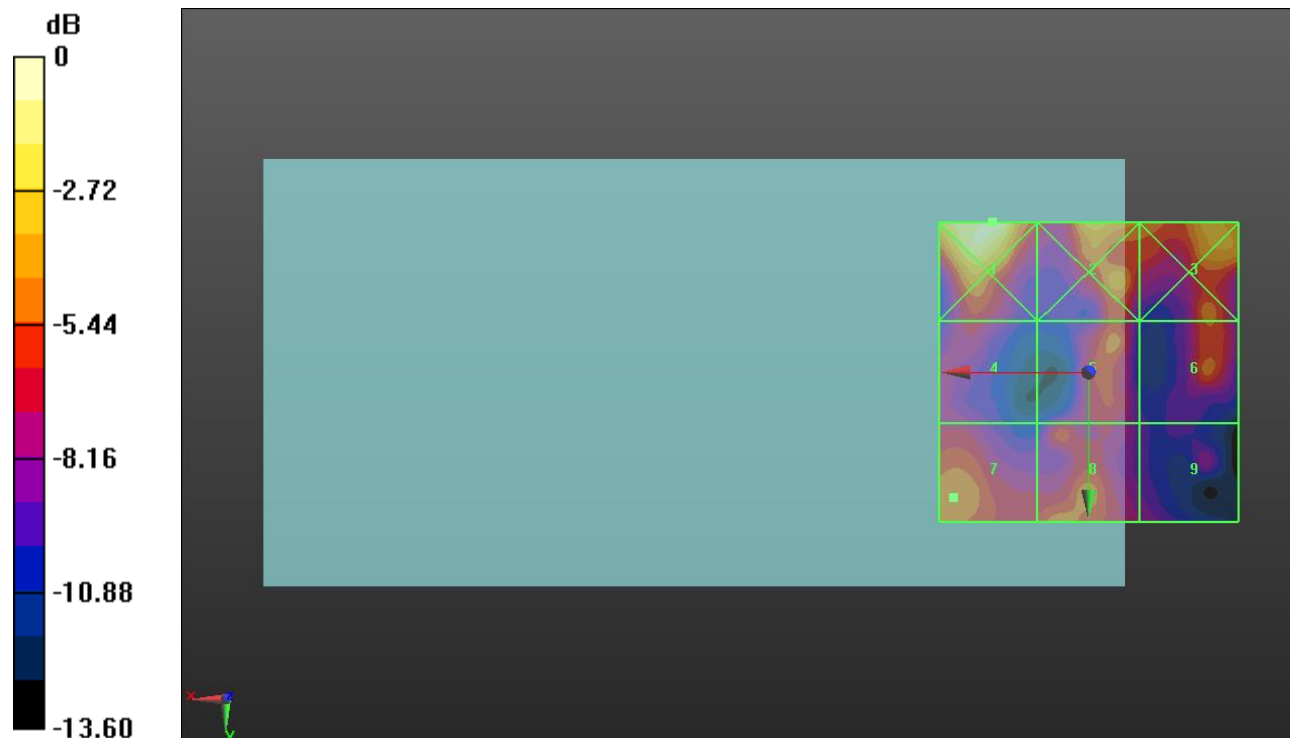
Applied MIF = -3.15 dB

RF audio interference level = 13.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.49 dBV/m	Grid 2 M4 15.71 dBV/m	Grid 3 M4 15.26 dBV/m
Grid 4 M4 11.8 dBV/m	Grid 5 M4 13.46 dBV/m	Grid 6 M4 13.49 dBV/m
Grid 7 M4 13.84 dBV/m	Grid 8 M4 13.68 dBV/m	Grid 9 M4 10.5 dBV/m



0 dB = 8.402 V/m = 18.49 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.809 V/m; Power Drift = 0.02 dB

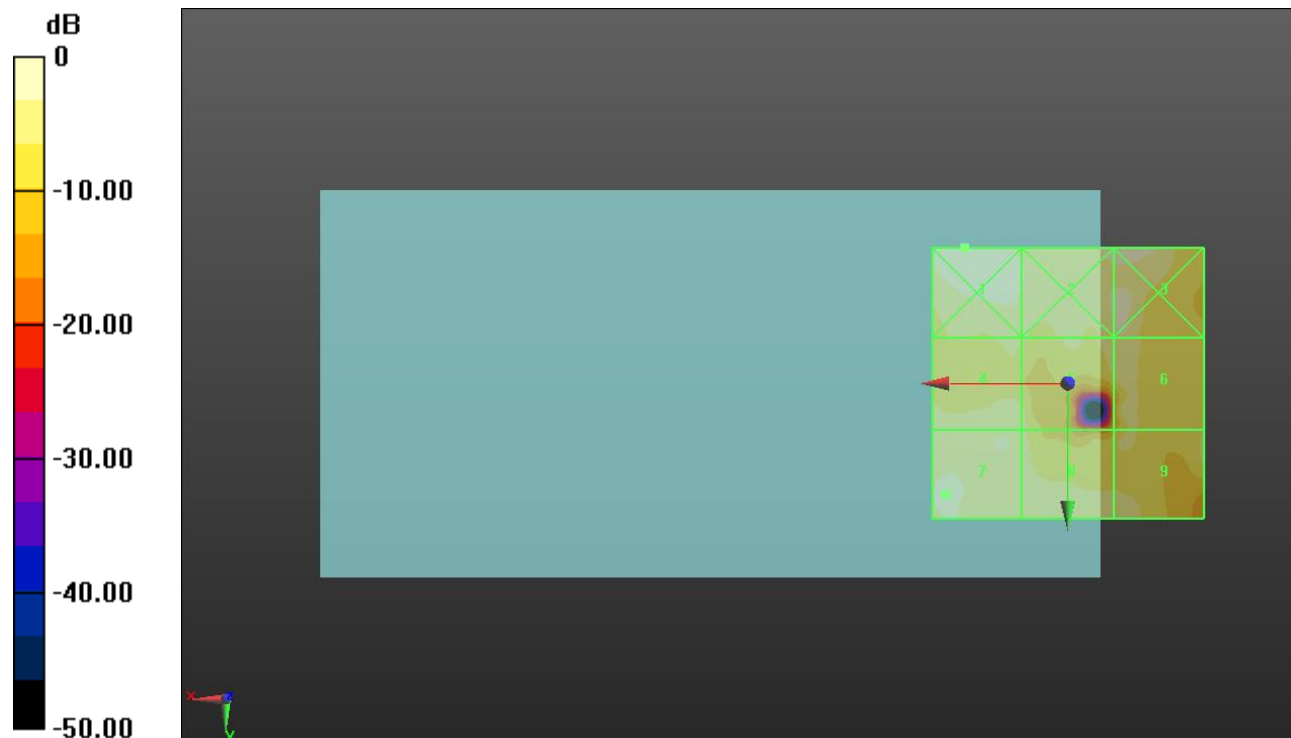
Applied MIF = -3.15 dB

RF audio interference level = 12.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.63 dBV/m	Grid 2 M4 14.08 dBV/m	Grid 3 M4 14.5 dBV/m
Grid 4 M4 12.08 dBV/m	Grid 5 M4 11.6 dBV/m	Grid 6 M4 12.01 dBV/m
Grid 7 M4 12.57 dBV/m	Grid 8 M4 11.69 dBV/m	Grid 9 M4 11.84 dBV/m



0 dB = 6.044 V/m = 15.63 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 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 9.392 V/m; Power Drift = -0.08 dB

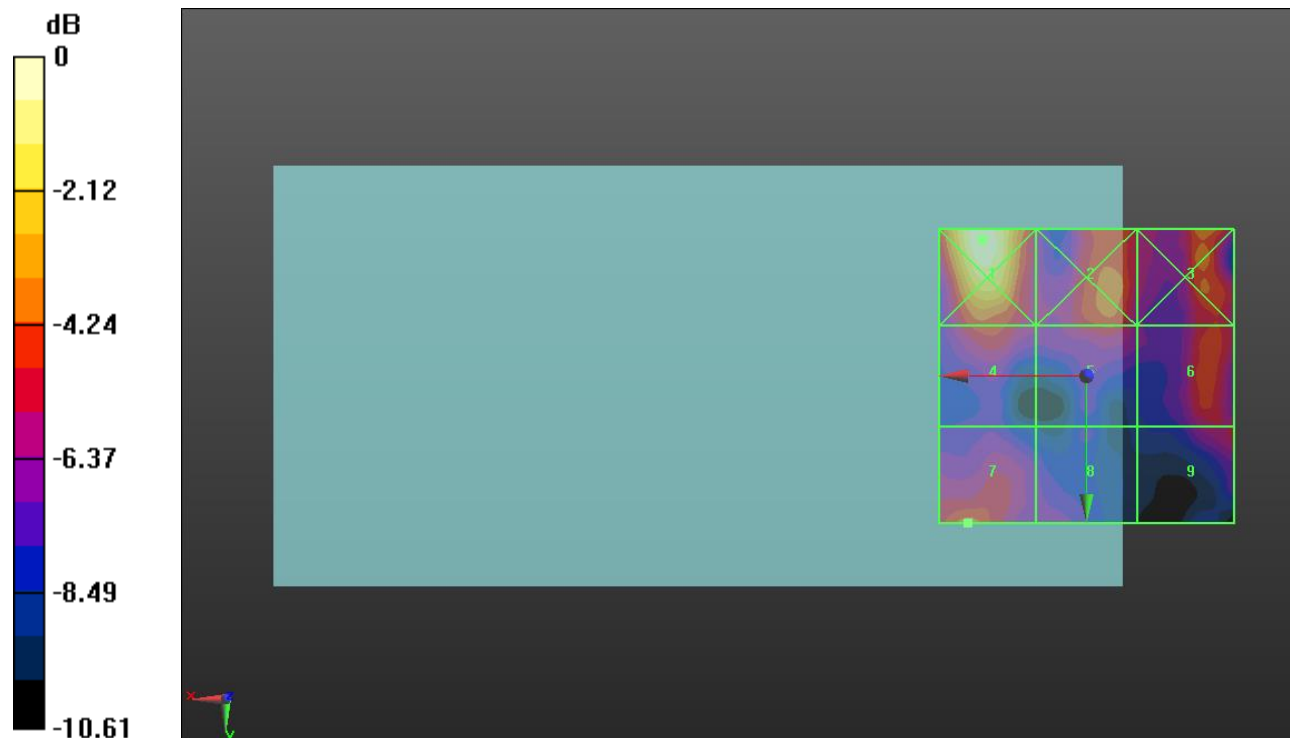
Applied MIF = -3.15 dB

RF audio interference level = 14.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.27 dBV/m	Grid 2 M4 14.58 dBV/m	Grid 3 M4 14.75 dBV/m
Grid 4 M4 13.75 dBV/m	Grid 5 M4 13.49 dBV/m	Grid 6 M4 13.93 dBV/m
Grid 7 M4 14.5 dBV/m	Grid 8 M4 11.85 dBV/m	Grid 9 M4 12.7 dBV/m



0 dB = 8.193 V/m = 18.27 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 31.98 V/m; Power Drift = -0.04 dB

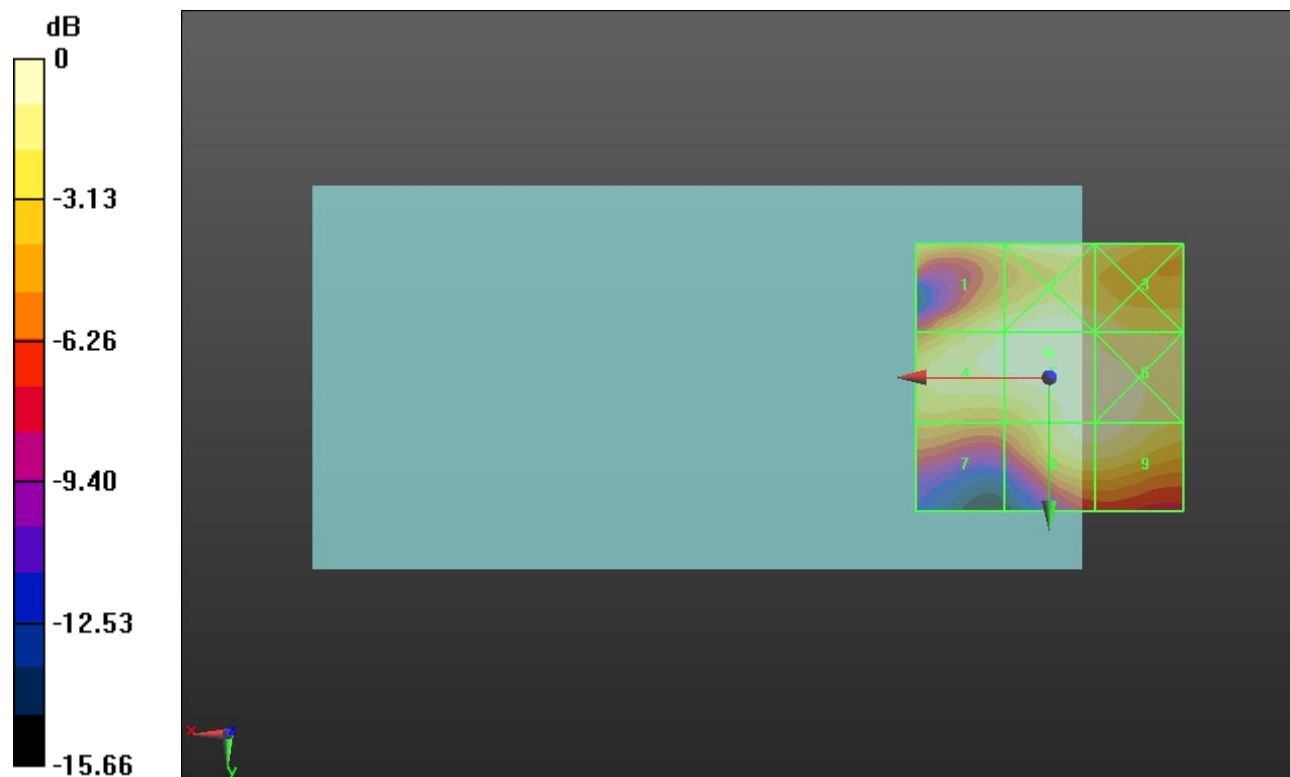
Applied MIF = -3.15 dB

RF audio interference level = 25.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.13 dBV/m	Grid 2 M4 24.93 dBV/m	Grid 3 M4 24.21 dBV/m
Grid 4 M4 24.63 dBV/m	Grid 5 M4 25.22 dBV/m	Grid 6 M4 24.76 dBV/m
Grid 7 M4 21.48 dBV/m	Grid 8 M4 24.74 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 18.25 V/m = 25.23 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 31.45 V/m; Power Drift = -0.02 dB

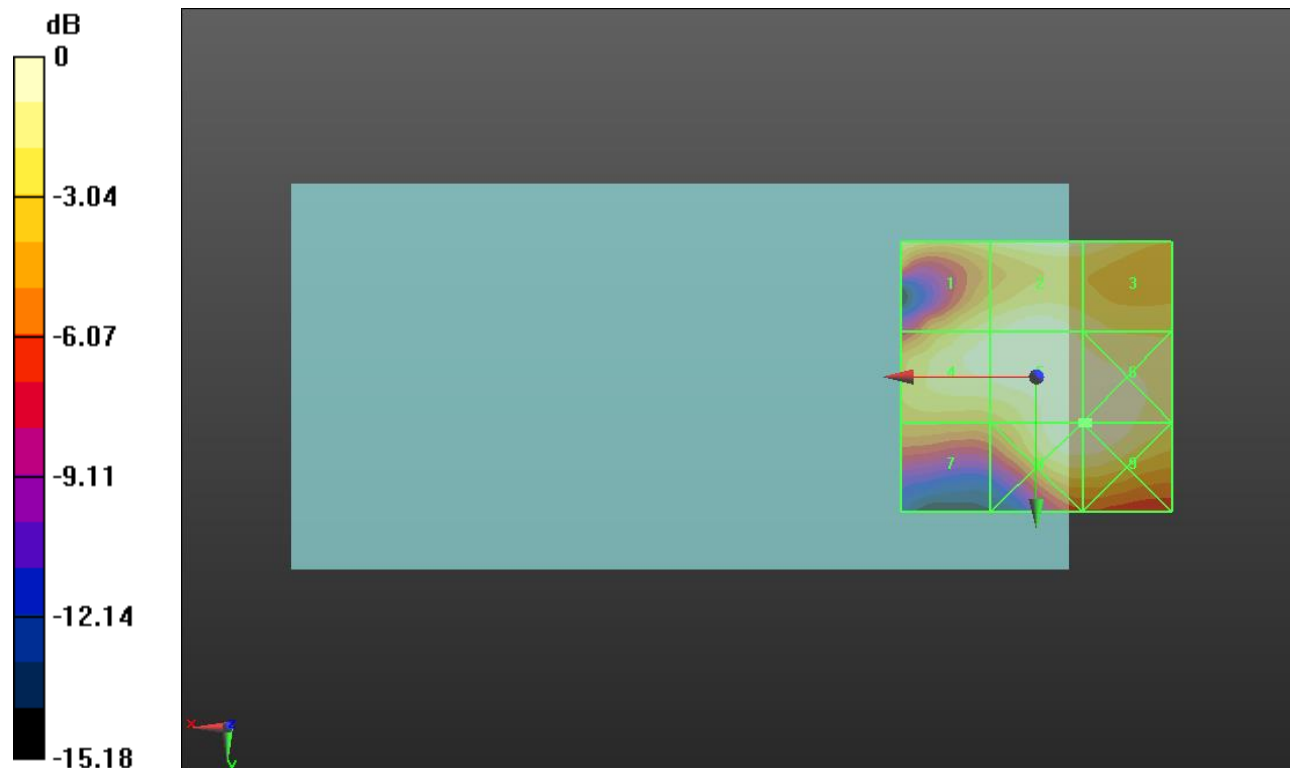
Applied MIF = -3.15 dB

RF audio interference level = 25.13 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.94 dBV/m	Grid 2 M4 24.91 dBV/m	Grid 3 M4 24.5 dBV/m
Grid 4 M4 24.72 dBV/m	Grid 5 M4 25.13 dBV/m	Grid 6 M4 25.15 dBV/m
Grid 7 M4 21.35 dBV/m	Grid 8 M4 25.13 dBV/m	Grid 9 M4 25.15 dBV/m



0 dB = 18.09 V/m = 25.15 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 31.87 V/m; Power Drift = -0.13 dB

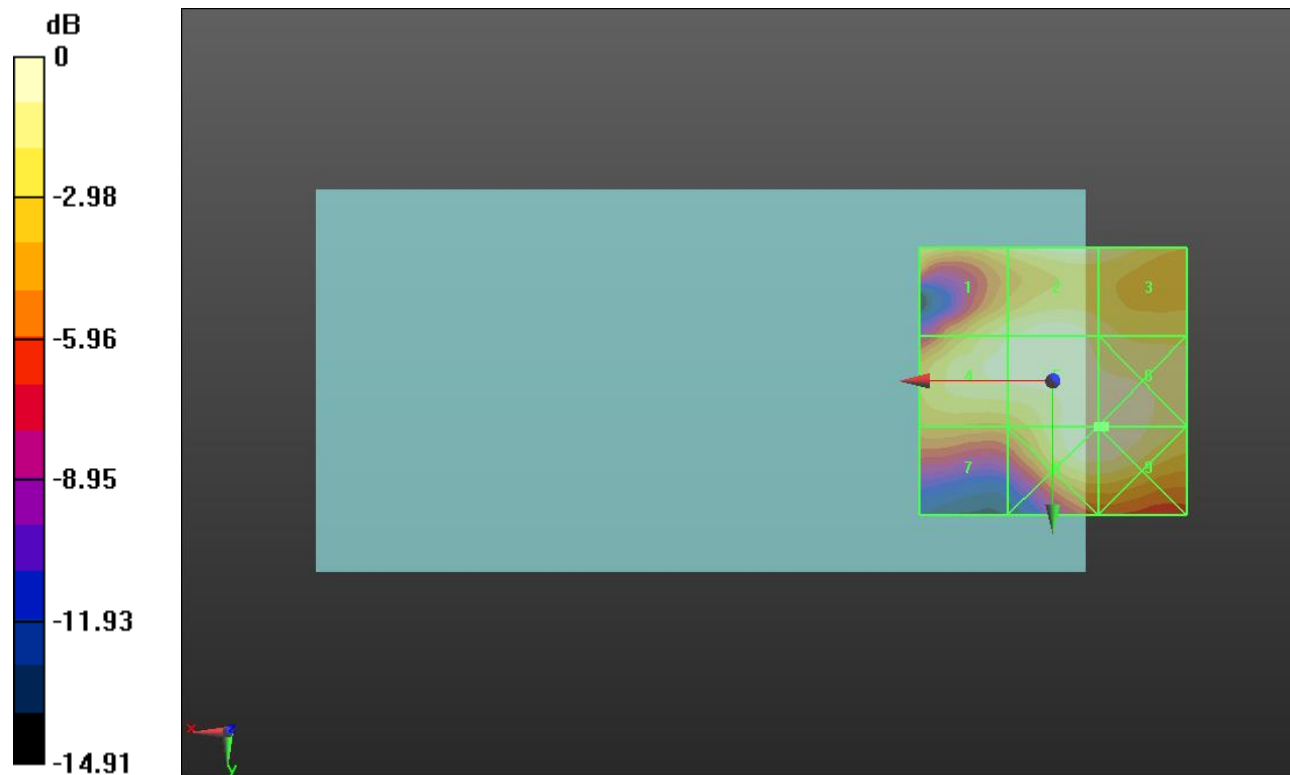
Applied MIF = -3.15 dB

RF audio interference level = 25.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.35 dBV/m	Grid 2 M4 25.38 dBV/m	Grid 3 M4 25.06 dBV/m
Grid 4 M4 24.93 dBV/m	Grid 5 M4 25.43 dBV/m	Grid 6 M4 25.44 dBV/m
Grid 7 M4 21.54 dBV/m	Grid 8 M4 25.44 dBV/m	Grid 9 M4 25.44 dBV/m



0 dB = 18.72 V/m = 25.45 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 31.86 V/m; Power Drift = -0.12 dB

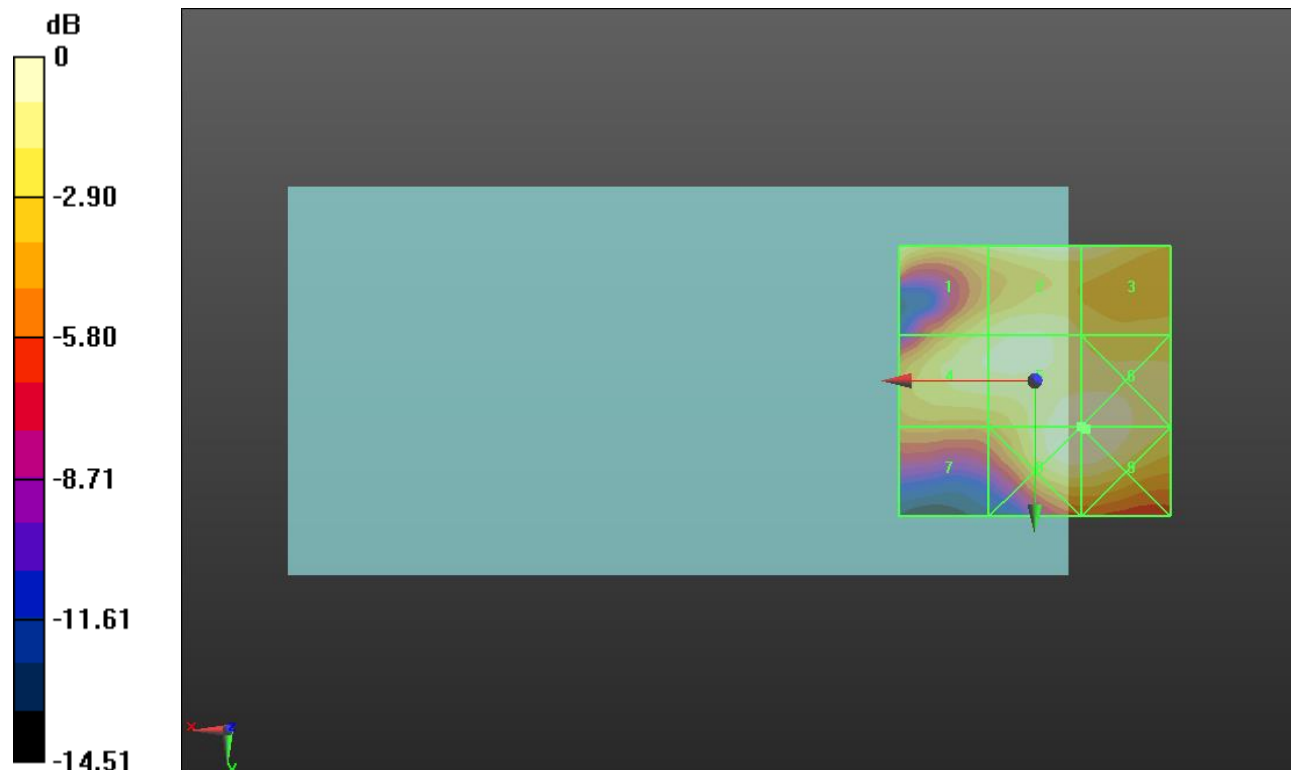
Applied MIF = -3.15 dB

RF audio interference level = 25.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.1 dBV/m	Grid 2 M4 25.65 dBV/m	Grid 3 M4 25.39 dBV/m
Grid 4 M4 25 dBV/m	Grid 5 M4 25.78 dBV/m	Grid 6 M4 25.8 dBV/m
Grid 7 M4 21.64 dBV/m	Grid 8 M4 25.81 dBV/m	Grid 9 M4 25.82 dBV/m



0 dB = 19.55 V/m = 25.82 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 31.32 V/m; Power Drift = -0.05 dB

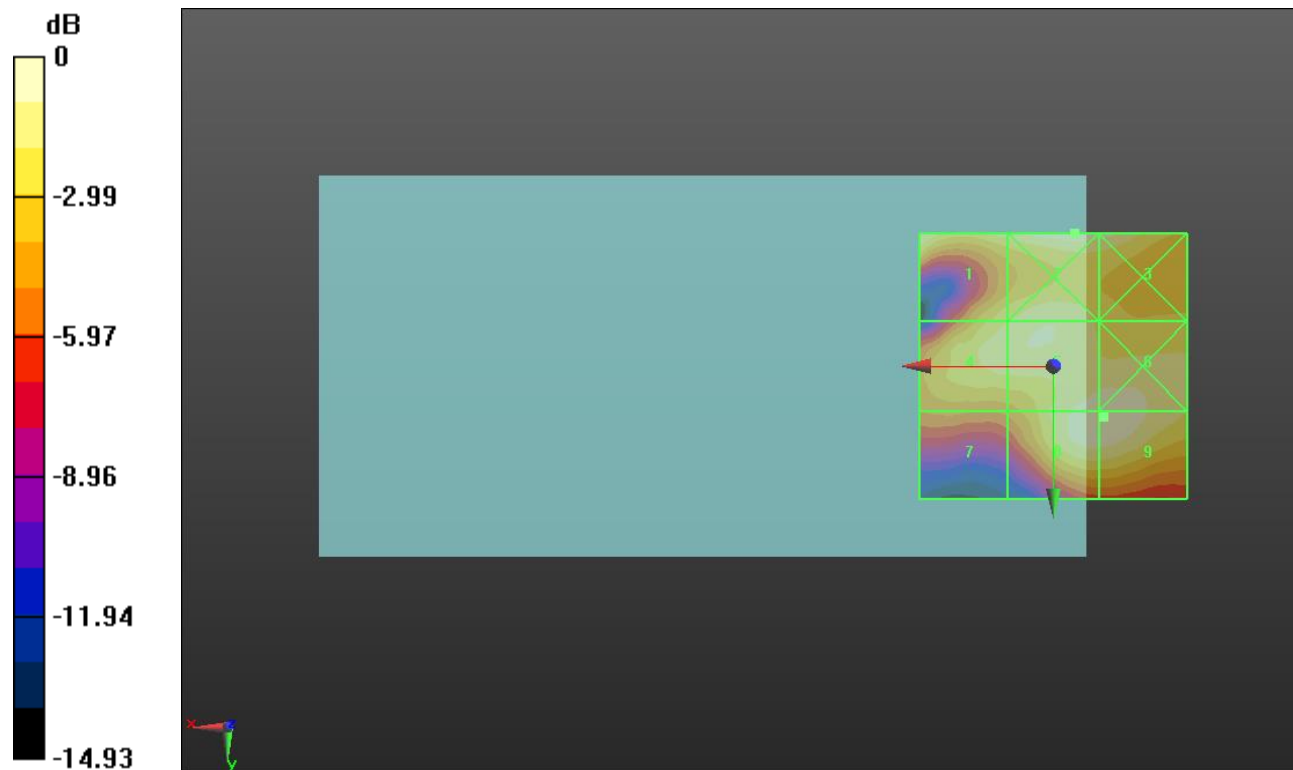
Applied MIF = -3.15 dB

RF audio interference level = 26.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.8 dBV/m	Grid 2 M4 26.32 dBV/m	Grid 3 M4 26 dBV/m
Grid 4 M4 25.06 dBV/m	Grid 5 M4 26.01 dBV/m	Grid 6 M4 26.06 dBV/m
Grid 7 M4 21.75 dBV/m	Grid 8 M4 26.09 dBV/m	Grid 9 M4 26.1 dBV/m



0 dB = 20.70 V/m = 26.32 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 31.27 V/m; Power Drift = -0.02 dB

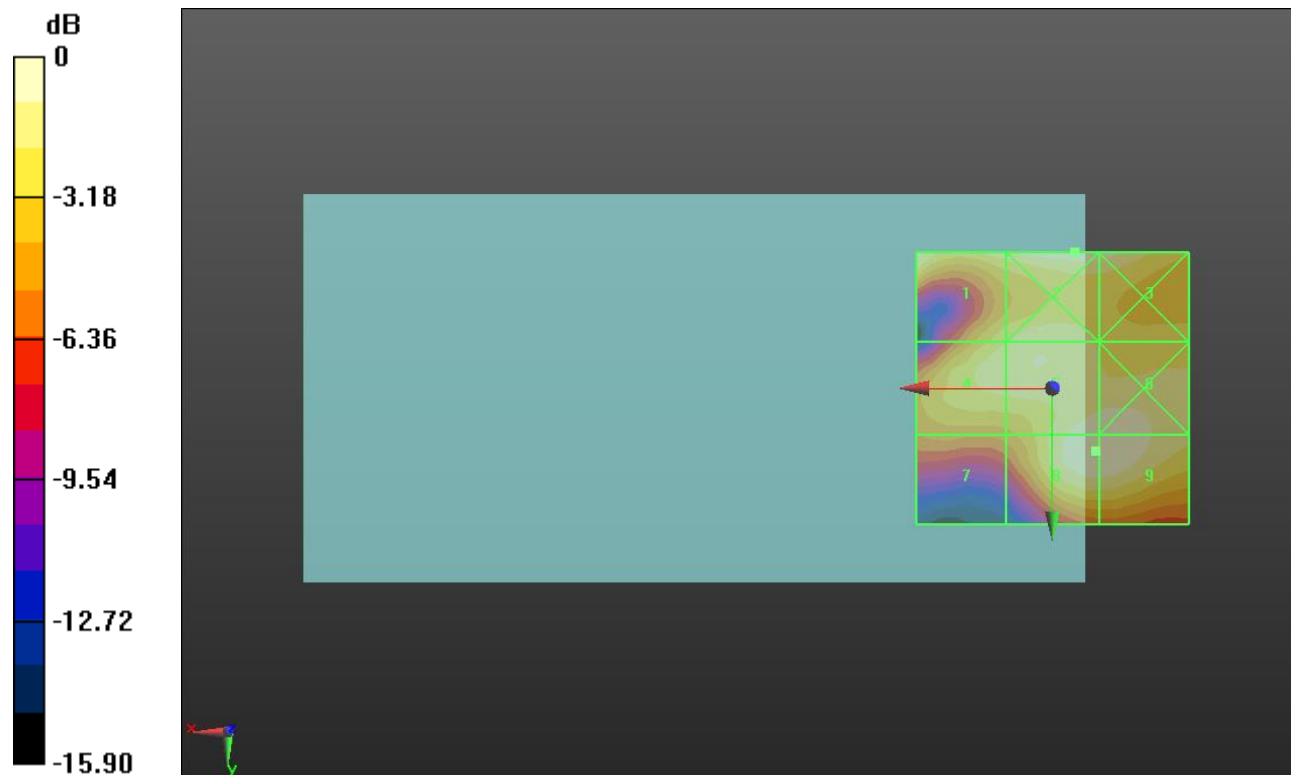
Applied MIF = -3.15 dB

RF audio interference level = 26.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.24 dBV/m	Grid 2 M4 26.59 dBV/m	Grid 3 M4 26.3 dBV/m
Grid 4 M4 25.26 dBV/m	Grid 5 M4 26.4 dBV/m	Grid 6 M4 26.45 dBV/m
Grid 7 M4 21.92 dBV/m	Grid 8 M4 26.55 dBV/m	Grid 9 M4 26.54 dBV/m



0 dB = 21.34 V/m = 26.58 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 27.14 V/m; Power Drift = -0.05 dB

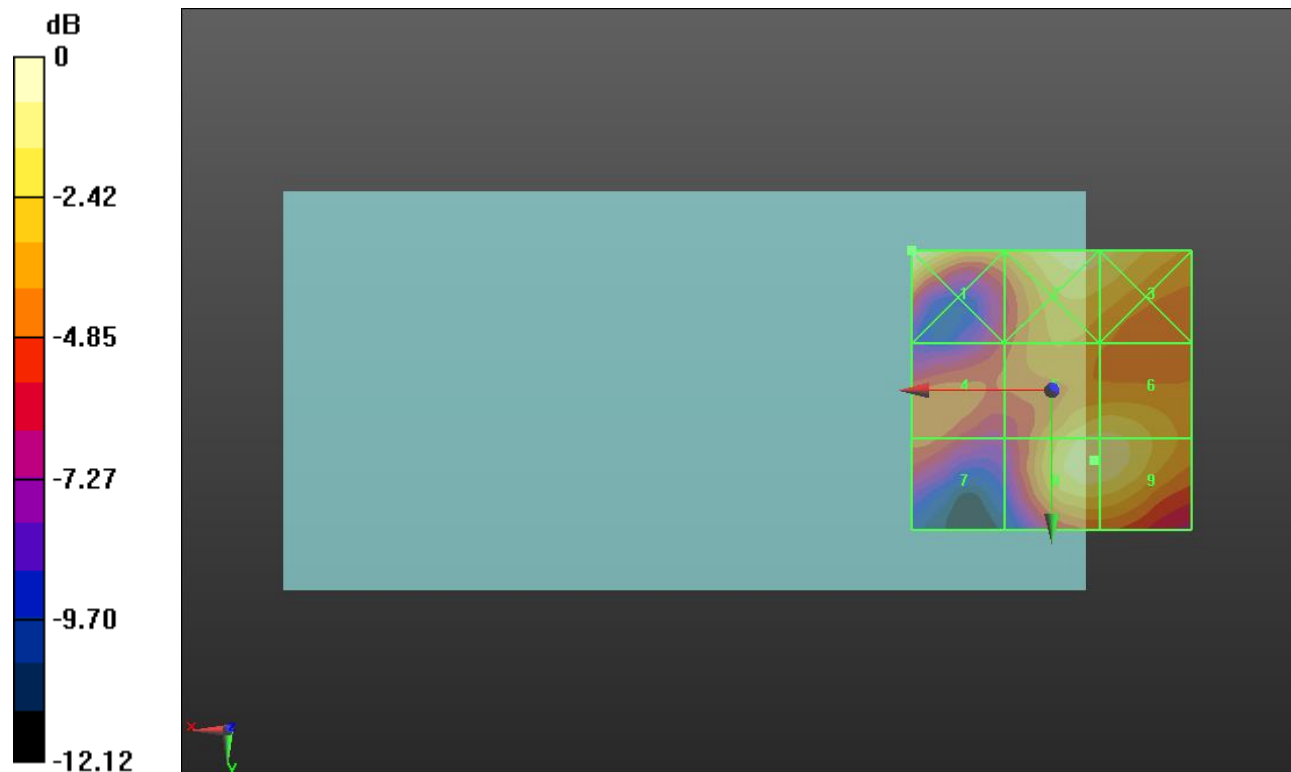
Applied MIF = -3.15 dB

RF audio interference level = 26.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.16 dBV/m	Grid 2 M4 26.09 dBV/m	Grid 3 M4 25.89 dBV/m
Grid 4 M4 23.09 dBV/m	Grid 5 M4 25.77 dBV/m	Grid 6 M4 25.79 dBV/m
Grid 7 M4 22.73 dBV/m	Grid 8 M4 26.21 dBV/m	Grid 9 M4 26.18 dBV/m



0 dB = 22.79 V/m = 27.15 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 22.91 V/m; Power Drift = 0.00 dB

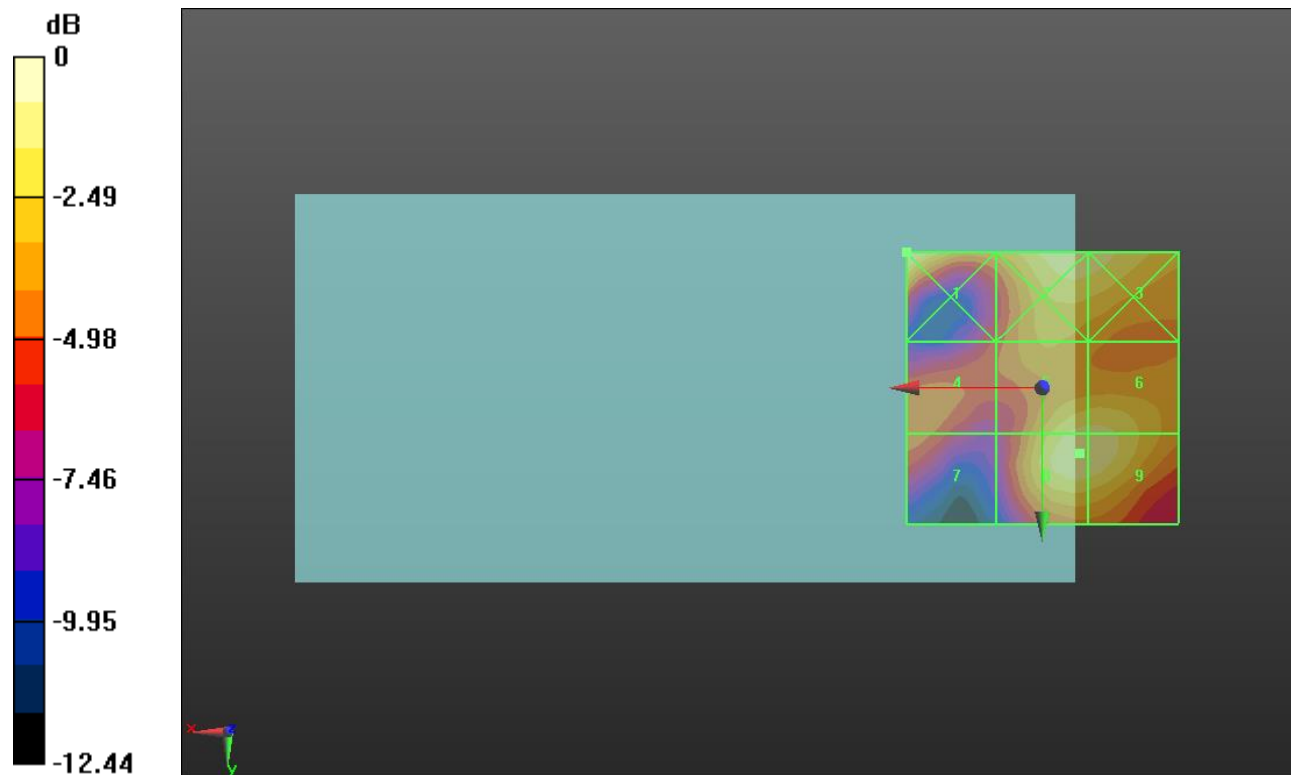
Applied MIF = -3.15 dB

RF audio interference level = 25.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.94 dBV/m	Grid 2 M4 24.97 dBV/m	Grid 3 M4 24.87 dBV/m
Grid 4 M4 21.81 dBV/m	Grid 5 M4 24.69 dBV/m	Grid 6 M4 24.69 dBV/m
Grid 7 M4 21.6 dBV/m	Grid 8 M4 25.04 dBV/m	Grid 9 M4 24.99 dBV/m



0 dB = 19.82 V/m = 25.94 dBV/m

HAC-RF Emission ANT 6

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1); Calibrated: 7/24/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: 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 = 22.13 V/m; Power Drift = -0.18 dB

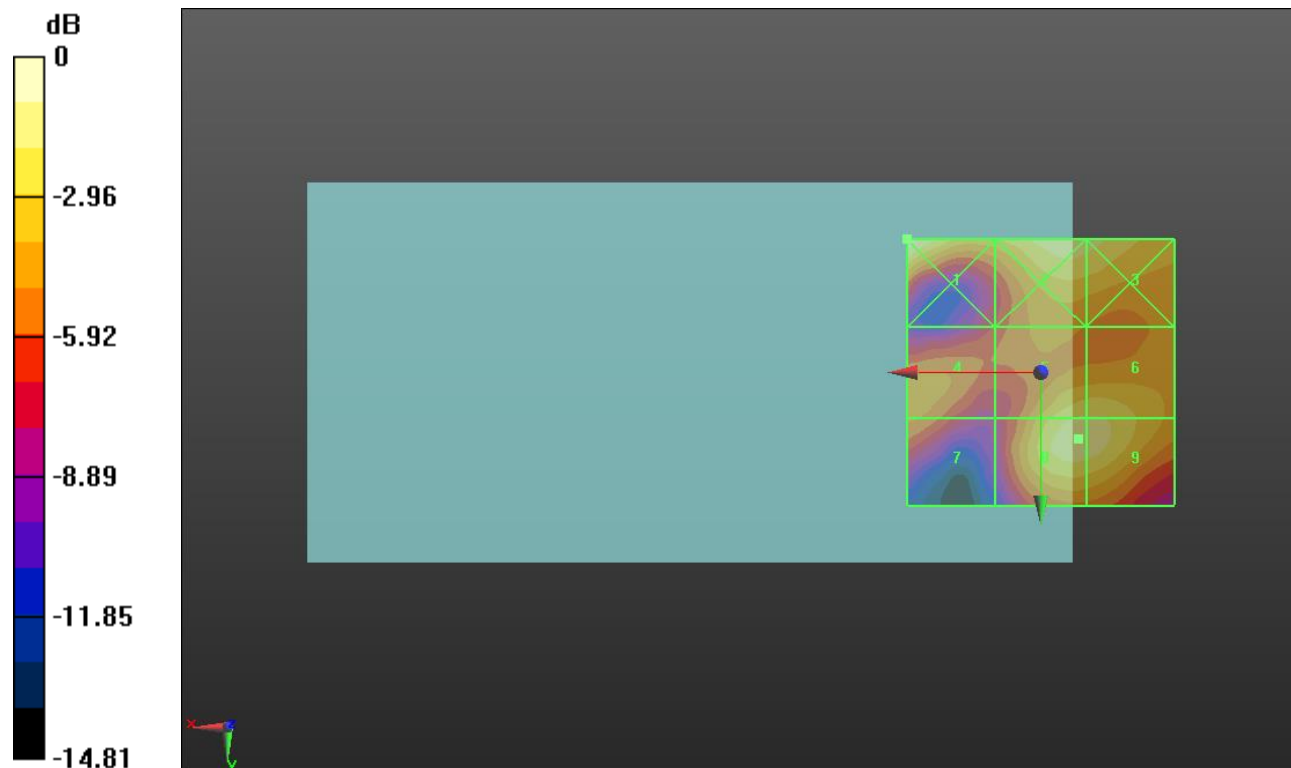
Applied MIF = -3.15 dB

RF audio interference level = 25.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.41 dBV/m	Grid 2 M4 25.09 dBV/m	Grid 3 M4 24.88 dBV/m
Grid 4 M4 22.06 dBV/m	Grid 5 M4 24.55 dBV/m	Grid 6 M4 24.55 dBV/m
Grid 7 M4 21.7 dBV/m	Grid 8 M4 25.07 dBV/m	Grid 9 M4 25.02 dBV/m



0 dB = 20.92 V/m = 26.41 dBV/m