

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 50.36 V/m; Power Drift = -0.02 dB

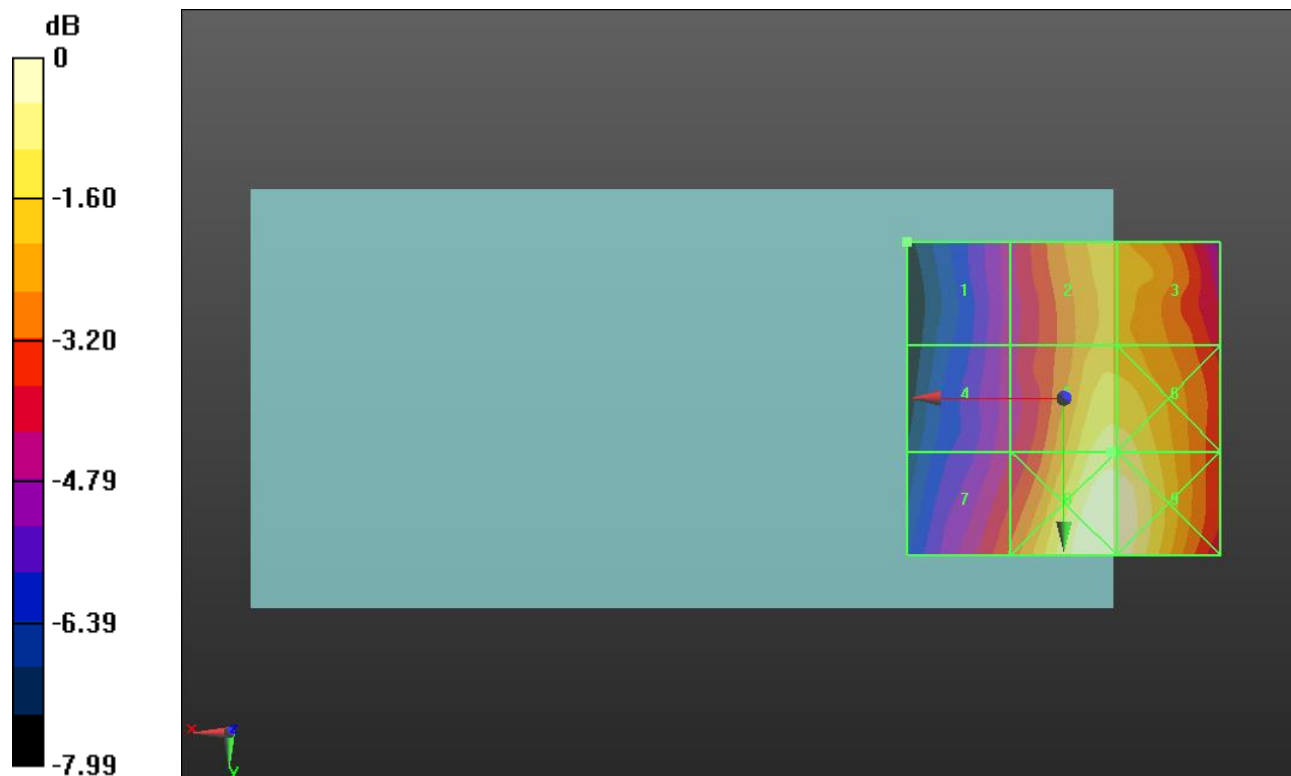
Applied MIF = 3.63 dB

RF audio interference level = 36.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.92 dBV/m	Grid 2 M4 35.41 dBV/m	Grid 3 M4 35.39 dBV/m
Grid 4 M4 33.08 dBV/m	Grid 5 M4 36.58 dBV/m	Grid 6 M4 36.55 dBV/m
Grid 7 M4 34.3 dBV/m	Grid 8 M4 37.34 dBV/m	Grid 9 M4 37.26 dBV/m



0 dB = 73.60 V/m = 37.34 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 47.47 V/m; Power Drift = 0.04 dB

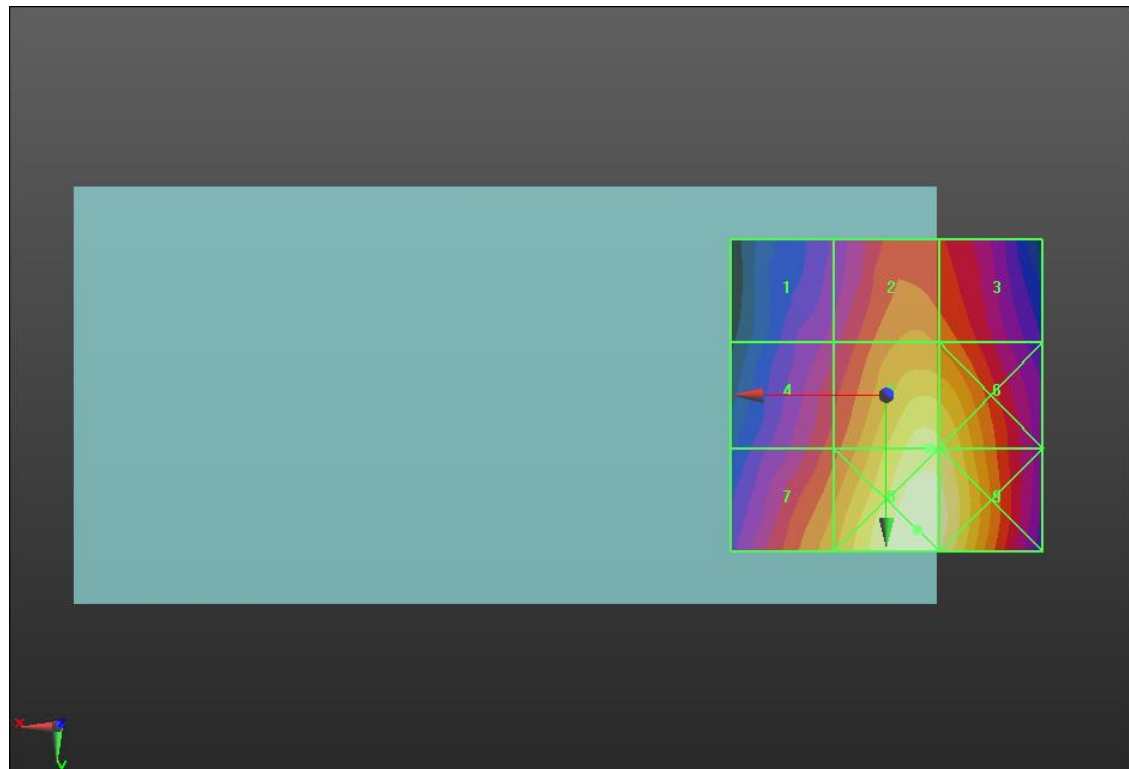
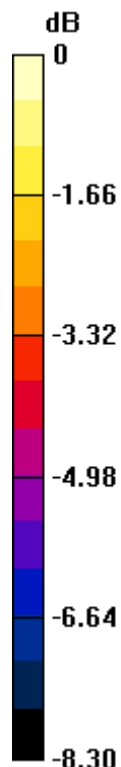
Applied MIF = 3.63 dB

RF audio interference level = 35.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.88 dBV/m	Grid 2 M4 33.95 dBV/m	Grid 3 M4 33.67 dBV/m
Grid 4 M4 33.01 dBV/m	Grid 5 M4 35.68 dBV/m	Grid 6 M4 35.6 dBV/m
Grid 7 M4 34.26 dBV/m	Grid 8 M4 36.54 dBV/m	Grid 9 M4 36.25 dBV/m



0 dB = 67.13 V/m = 36.54 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 42.46 V/m; Power Drift = 0.15 dB

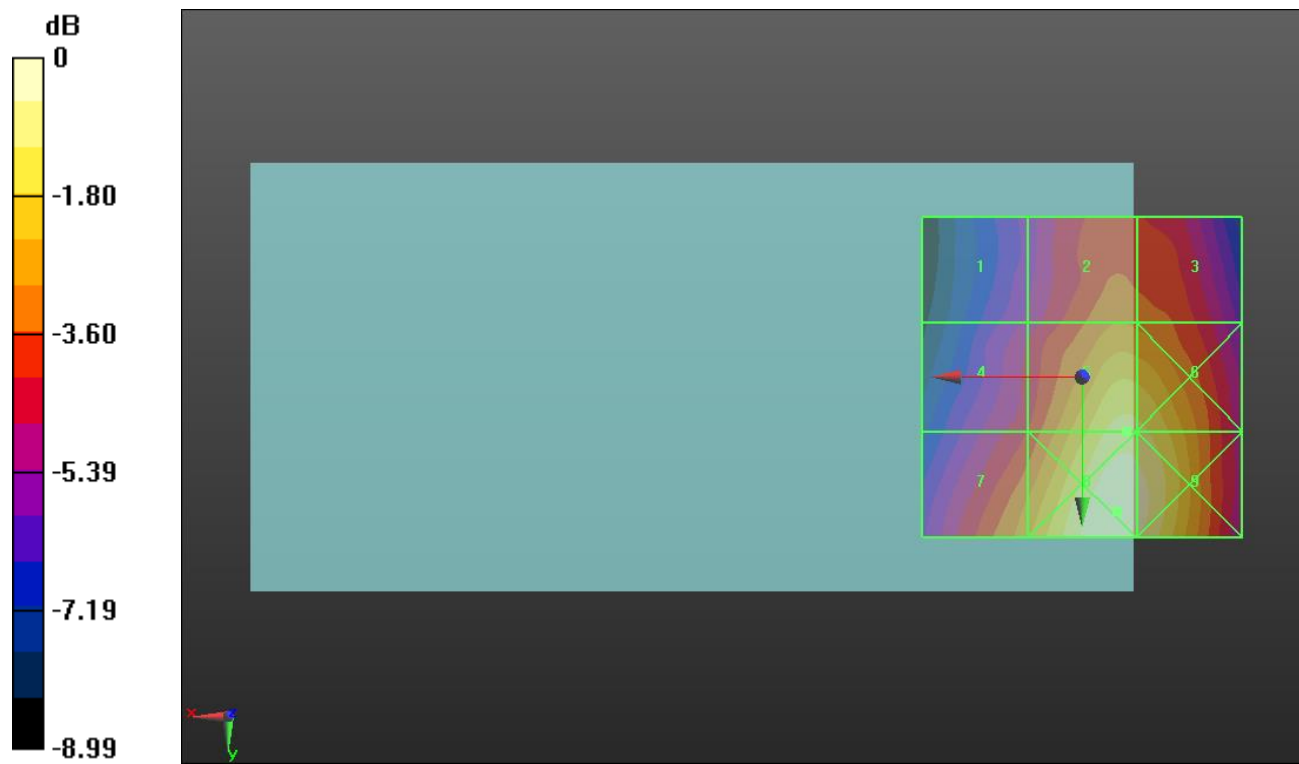
Applied MIF = 3.63 dB

RF audio interference level = 34.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.74 dBV/m	Grid 2 M4 32.93 dBV/m	Grid 3 M4 32.77 dBV/m
Grid 4 M4 31.77 dBV/m	Grid 5 M4 34.97 dBV/m	Grid 6 M4 34.9 dBV/m
Grid 7 M4 33.38 dBV/m	Grid 8 M4 35.9 dBV/m	Grid 9 M4 35.62 dBV/m



0 dB = 62.35 V/m = 35.90 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.31 V/m; Power Drift = 0.13 dB

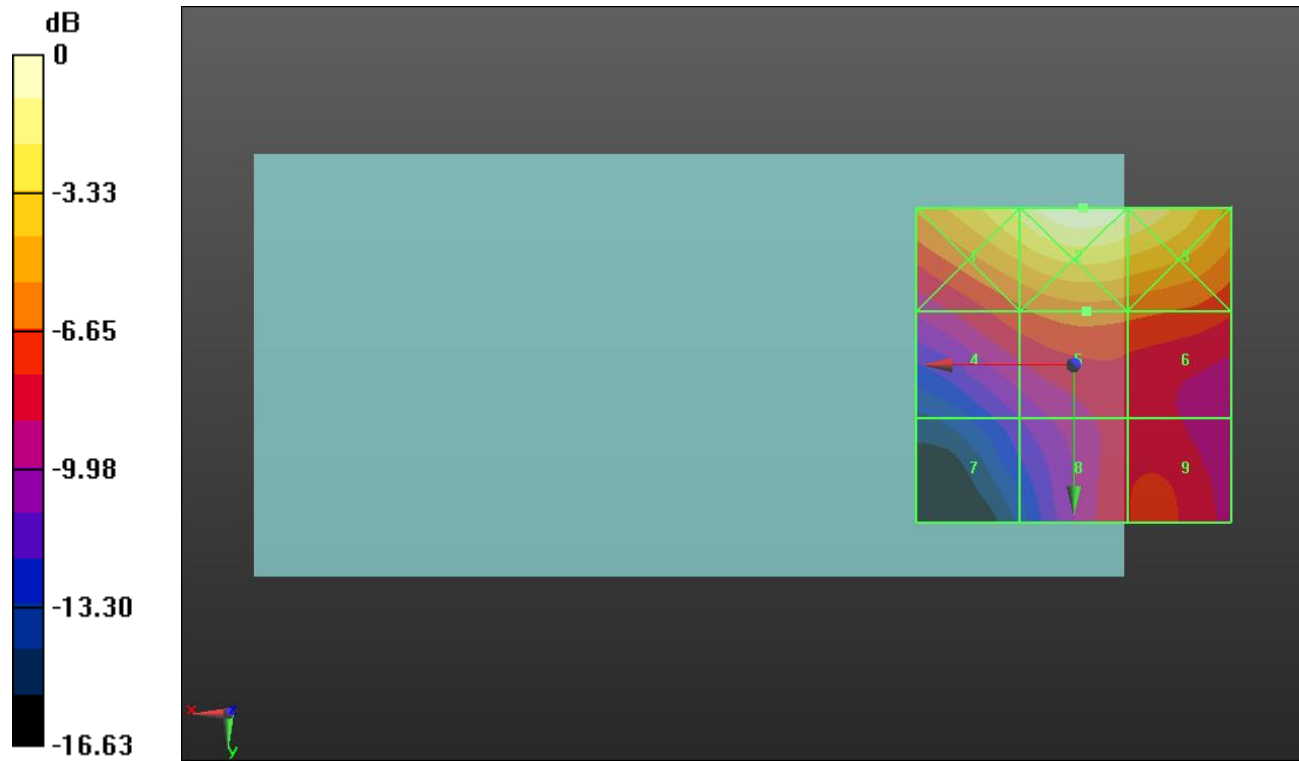
Applied MIF = 3.63 dB

RF audio interference level = 25.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.99 dBV/m	Grid 2 M3 31.72 dBV/m	Grid 3 M3 30.97 dBV/m
Grid 4 M4 24.84 dBV/m	Grid 5 M4 25.74 dBV/m	Grid 6 M4 25.5 dBV/m
Grid 7 M4 20.67 dBV/m	Grid 8 M4 23.94 dBV/m	Grid 9 M4 24.24 dBV/m



0 dB = 38.56 V/m = 31.72 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 10.92 V/m; Power Drift = -0.14 dB

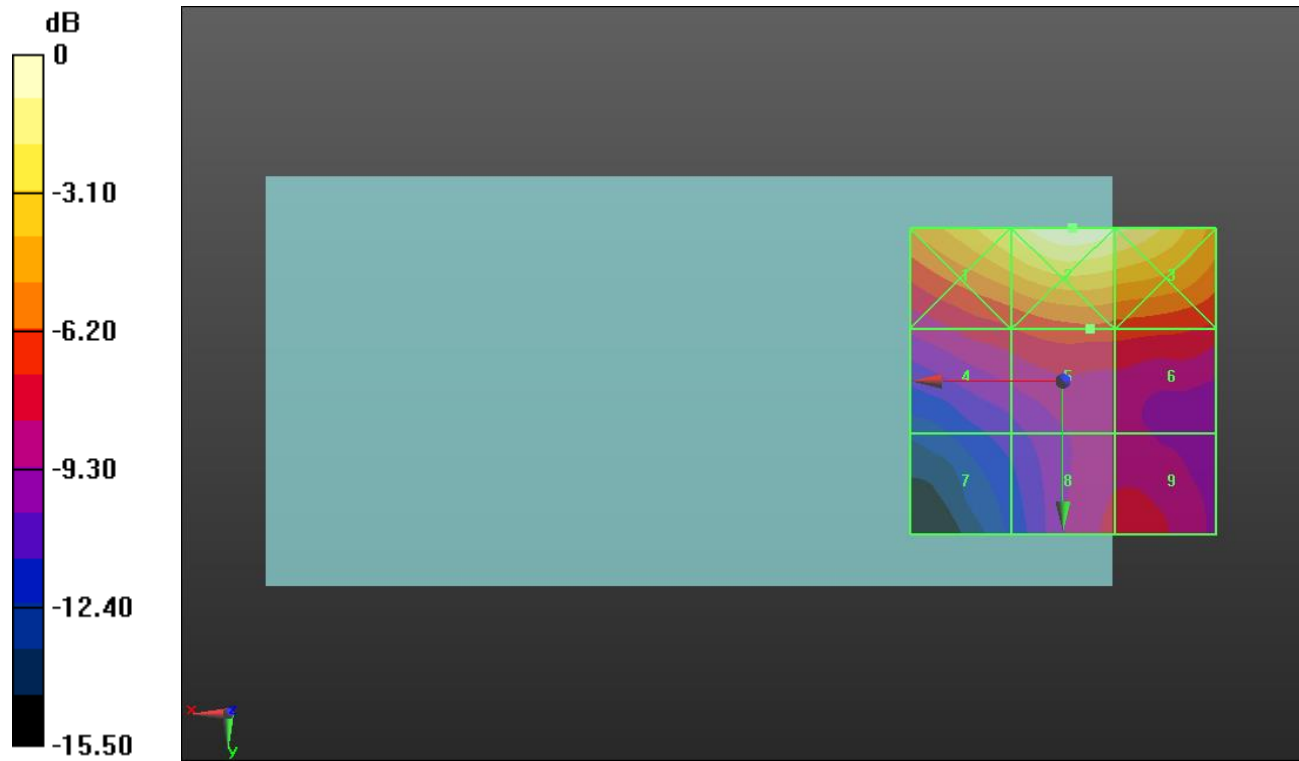
Applied MIF = 3.63 dB

RF audio interference level = 24.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.35 dBV/m	Grid 2 M3 31.1 dBV/m	Grid 3 M3 30.44 dBV/m
Grid 4 M4 23.81 dBV/m	Grid 5 M4 24.65 dBV/m	Grid 6 M4 24.47 dBV/m
Grid 7 M4 20.38 dBV/m	Grid 8 M4 23.21 dBV/m	Grid 9 M4 23.33 dBV/m



0 dB = 35.89 V/m = 31.10 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 10.84 V/m; Power Drift = -0.04 dB

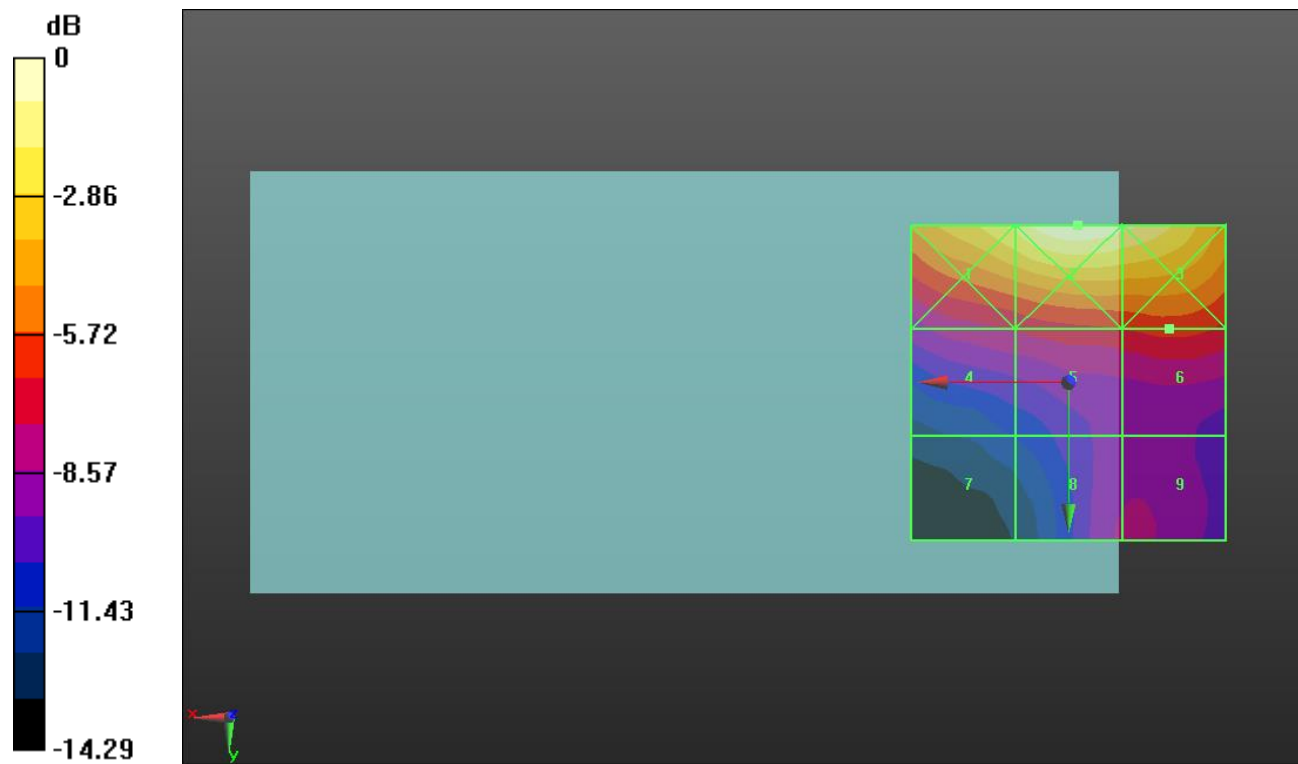
Applied MIF = 3.63 dB

RF audio interference level = 25.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.94 dBV/m	Grid 2 M3 31.5 dBV/m	Grid 3 M3 30.94 dBV/m
Grid 4 M4 24.03 dBV/m	Grid 5 M4 24.89 dBV/m	Grid 6 M4 25.25 dBV/m
Grid 7 M4 20.2 dBV/m	Grid 8 M4 23.1 dBV/m	Grid 9 M4 23.21 dBV/m



0 dB = 37.60 V/m = 31.50 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 27.01 V/m; Power Drift = -0.10 dB

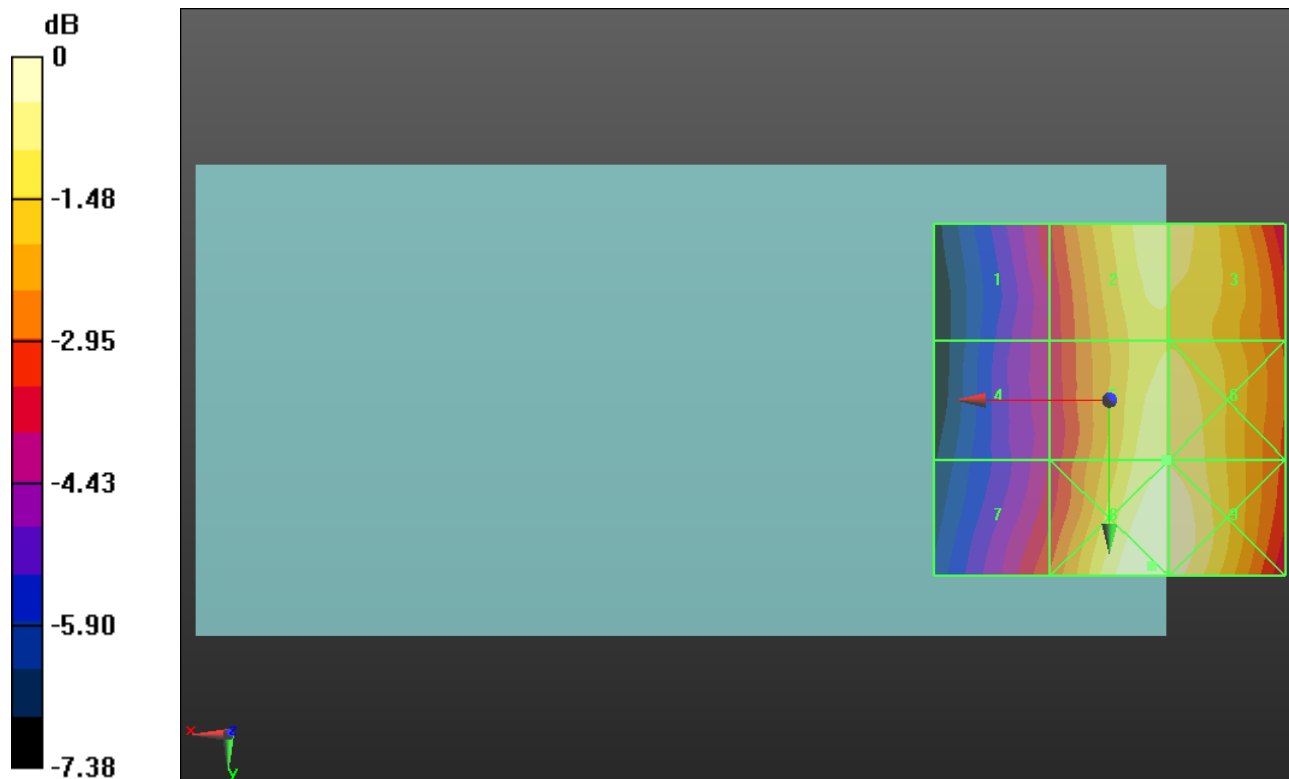
Applied MIF = 3.26 dB

RF audio interference level = 30.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.4 dBV/m	Grid 2 M4 30.18 dBV/m	Grid 3 M4 30.15 dBV/m
Grid 4 M4 27.08 dBV/m	Grid 5 M4 30.41 dBV/m	Grid 6 M4 30.41 dBV/m
Grid 7 M4 28.05 dBV/m	Grid 8 M4 30.91 dBV/m	Grid 9 M4 30.85 dBV/m



0 dB = 35.13 V/m = 30.91 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 28.06 V/m; Power Drift = -0.03 dB

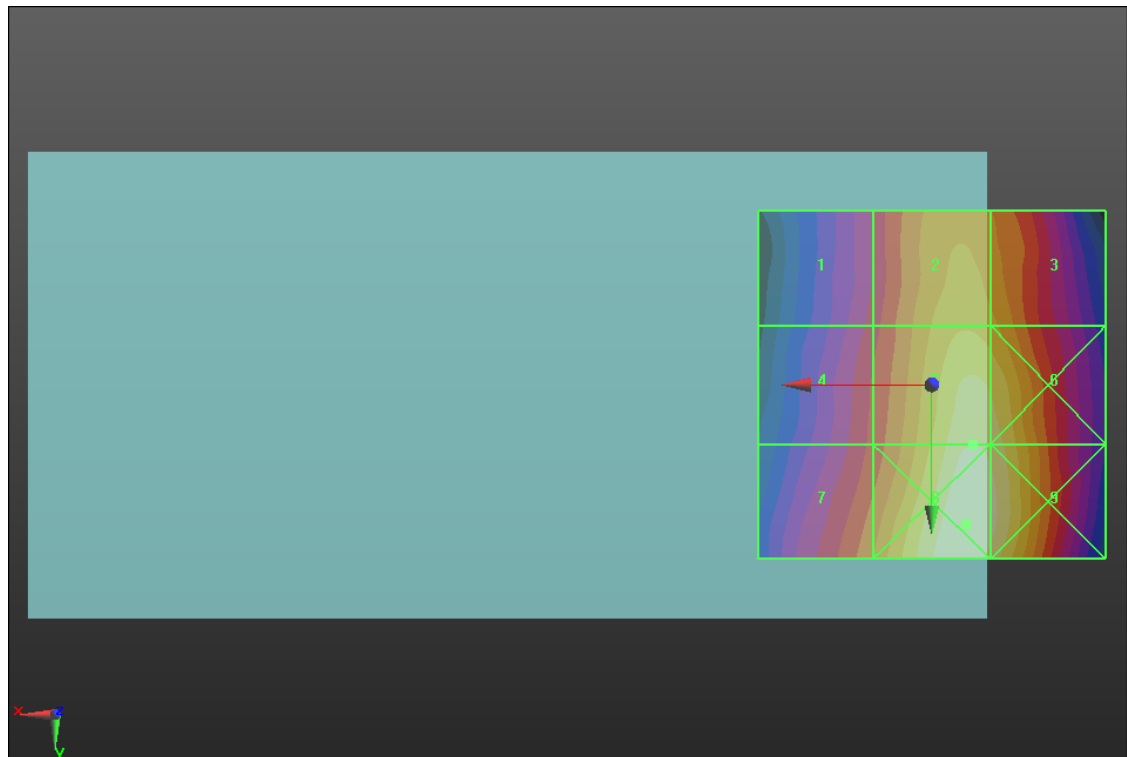
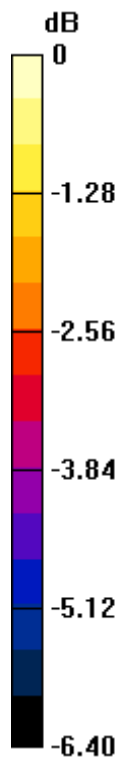
Applied MIF = 3.26 dB

RF audio interference level = 30.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.48 dBV/m	Grid 2 M4 29.35 dBV/m	Grid 3 M4 29.11 dBV/m
Grid 4 M4 27.84 dBV/m	Grid 5 M4 30.24 dBV/m	Grid 6 M4 30.1 dBV/m
Grid 7 M4 28.54 dBV/m	Grid 8 M4 30.67 dBV/m	Grid 9 M4 30.4 dBV/m



0 dB = 34.15 V/m = 30.67 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 26.81 V/m; Power Drift = 0.03 dB

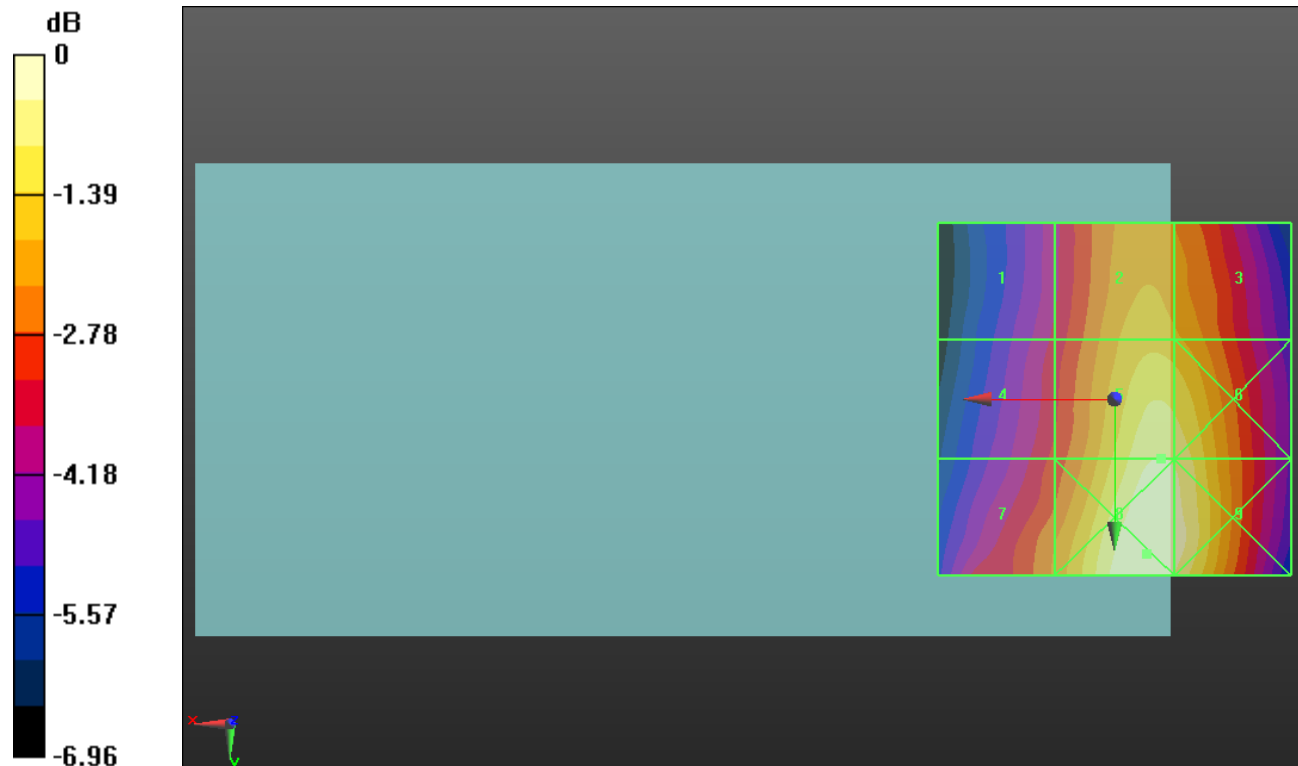
Applied MIF = 3.26 dB

RF audio interference level = 30.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27 dBV/m	Grid 2 M4 29.07 dBV/m	Grid 3 M4 28.85 dBV/m
Grid 4 M4 27.5 dBV/m	Grid 5 M4 30.12 dBV/m	Grid 6 M4 30.03 dBV/m
Grid 7 M4 28.35 dBV/m	Grid 8 M4 30.56 dBV/m	Grid 9 M4 30.38 dBV/m



0 dB = 33.74 V/m = 30.56 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 10.29 V/m; Power Drift = -0.10 dB

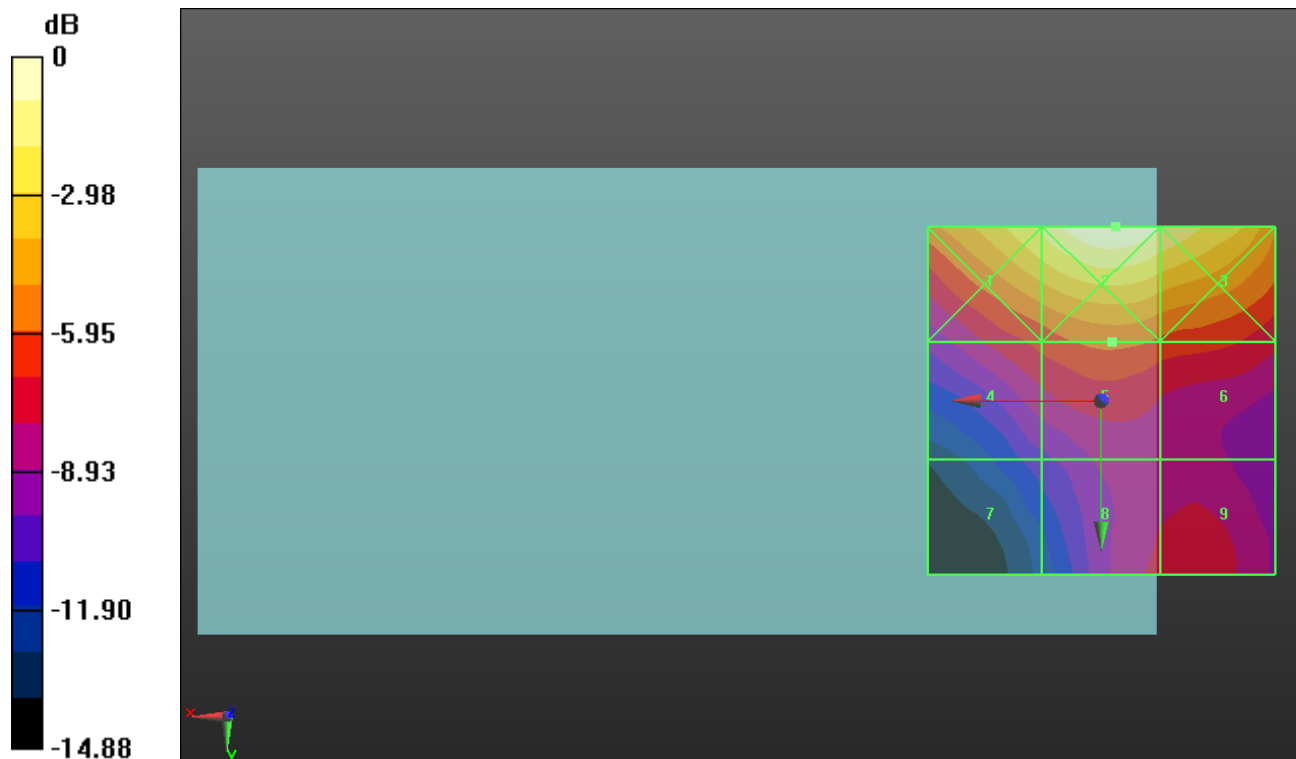
Applied MIF = 3.26 dB

RF audio interference level = 23.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.58 dBV/m	Grid 2 M4 29.29 dBV/m	Grid 3 M4 28.49 dBV/m
Grid 4 M4 22.74 dBV/m	Grid 5 M4 23.66 dBV/m	Grid 6 M4 23.15 dBV/m
Grid 7 M4 19.1 dBV/m	Grid 8 M4 21.59 dBV/m	Grid 9 M4 22 dBV/m



0 dB = 29.15 V/m = 29.29 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 9.334 V/m; Power Drift = -0.08 dB

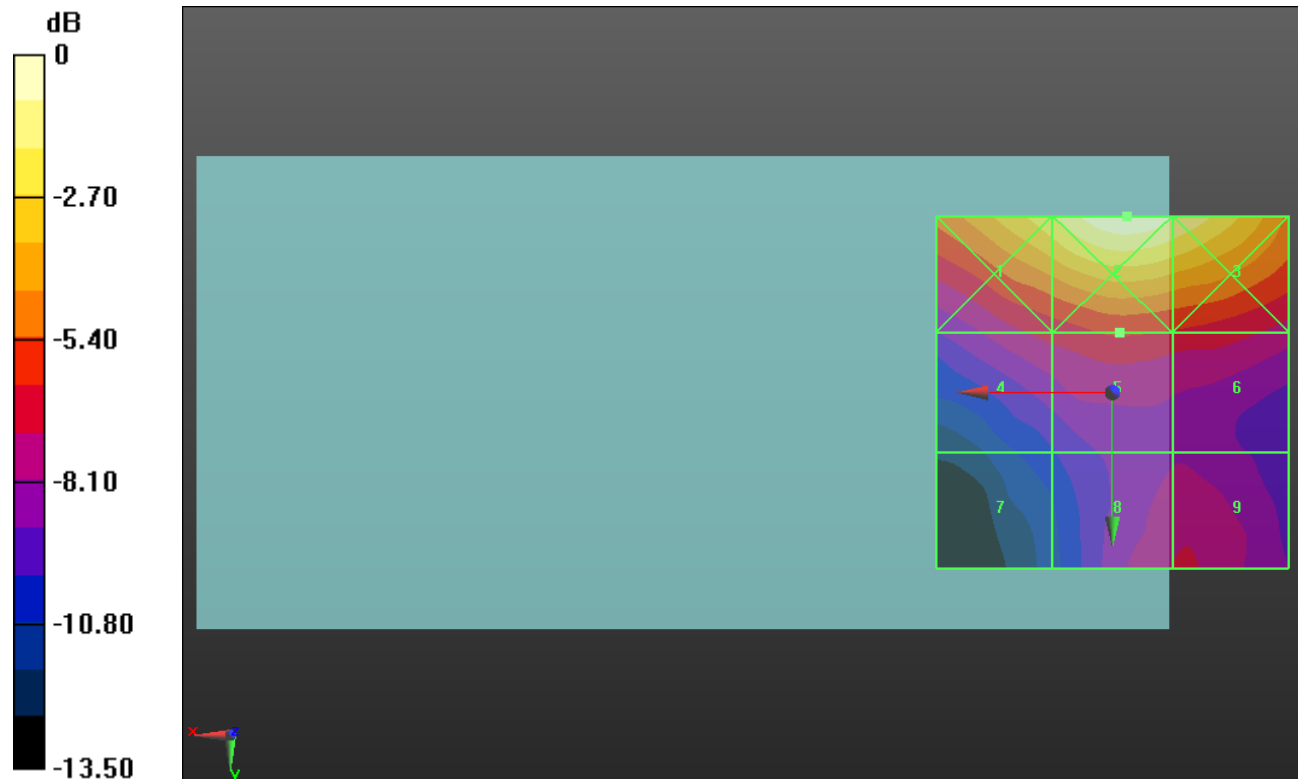
Applied MIF = 3.26 dB

RF audio interference level = 22.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.96 dBV/m	Grid 2 M4 28.84 dBV/m	Grid 3 M4 28.13 dBV/m
Grid 4 M4 22.03 dBV/m	Grid 5 M4 22.71 dBV/m	Grid 6 M4 22.45 dBV/m
Grid 7 M4 18.89 dBV/m	Grid 8 M4 21.71 dBV/m	Grid 9 M4 21.76 dBV/m



0 dB = 27.65 V/m = 28.83 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 8.535 V/m; Power Drift = -0.05 dB

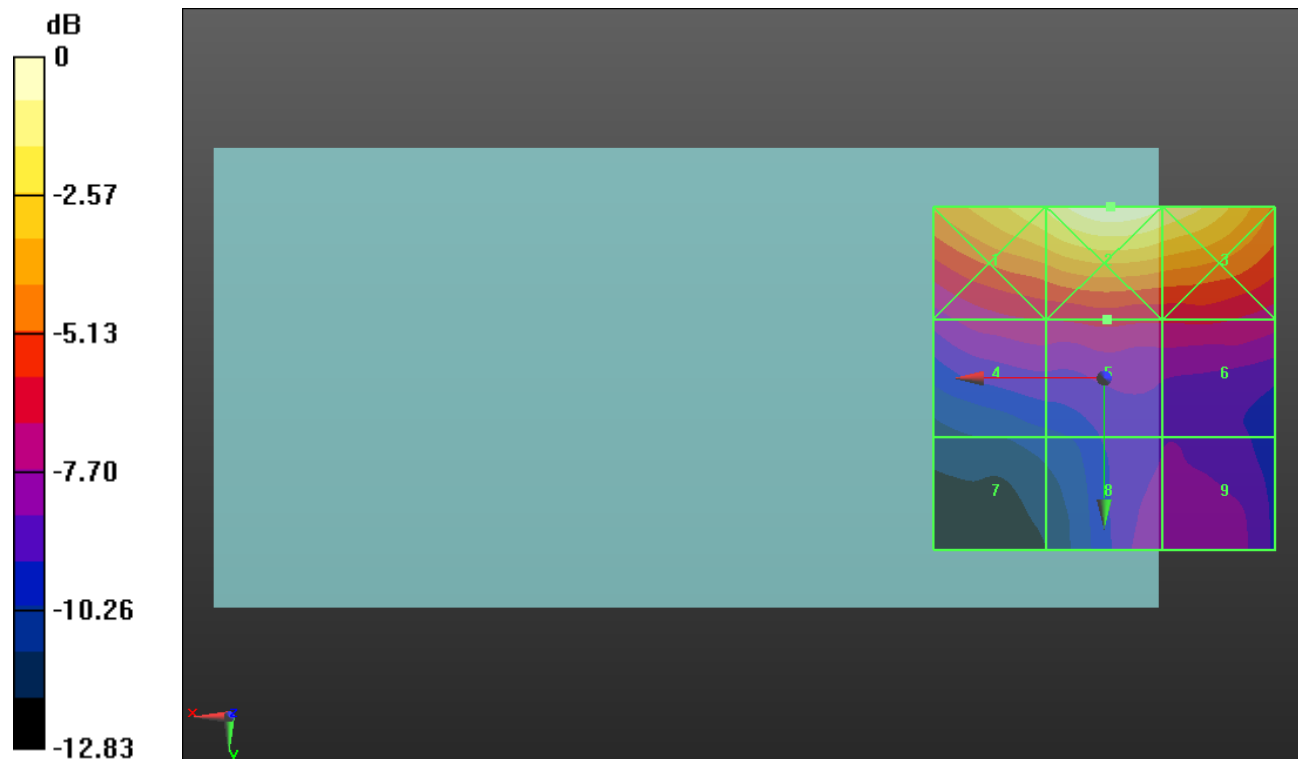
Applied MIF = 3.26 dB

RF audio interference level = 22.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.04 dBV/m	Grid 2 M4 28.58 dBV/m	Grid 3 M4 27.82 dBV/m
Grid 4 M4 21.78 dBV/m	Grid 5 M4 22.07 dBV/m	Grid 6 M4 21.97 dBV/m
Grid 7 M4 18.07 dBV/m	Grid 8 M4 20.7 dBV/m	Grid 9 M4 20.84 dBV/m



0 dB = 26.84 V/m = 28.58 dBV/m

HAC-RF Emission UAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 476/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.75 V/m; Power Drift = -0.01 dB

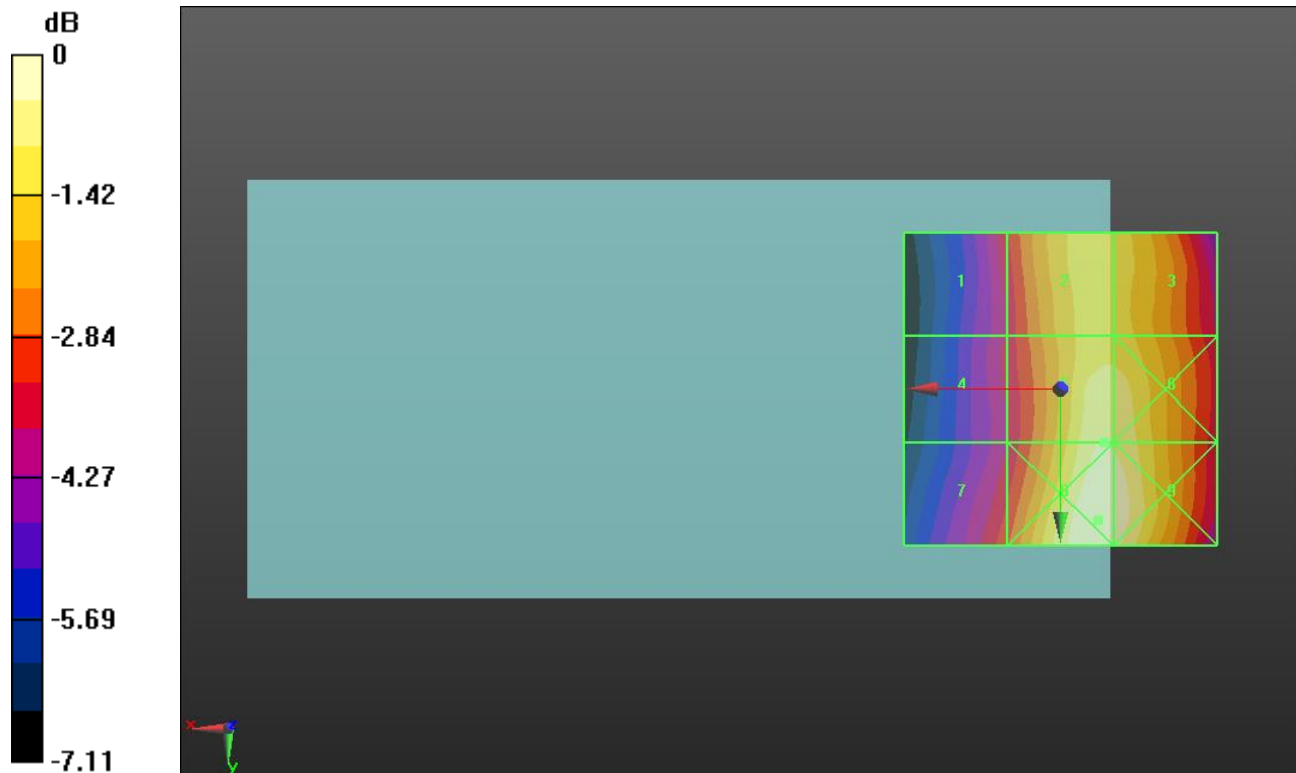
Applied MIF = 3.26 dB

RF audio interference level = 30.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.24 dBV/m	Grid 2 M4 29.46 dBV/m	Grid 3 M4 29.41 dBV/m
Grid 4 M4 27 dBV/m	Grid 5 M4 30.11 dBV/m	Grid 6 M4 30.06 dBV/m
Grid 7 M4 27.69 dBV/m	Grid 8 M4 30.57 dBV/m	Grid 9 M4 30.43 dBV/m



0 dB = 33.77 V/m = 30.57 dBV/m

HAC-RF Emission UAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 580/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.30 V/m; Power Drift = 0.01 dB

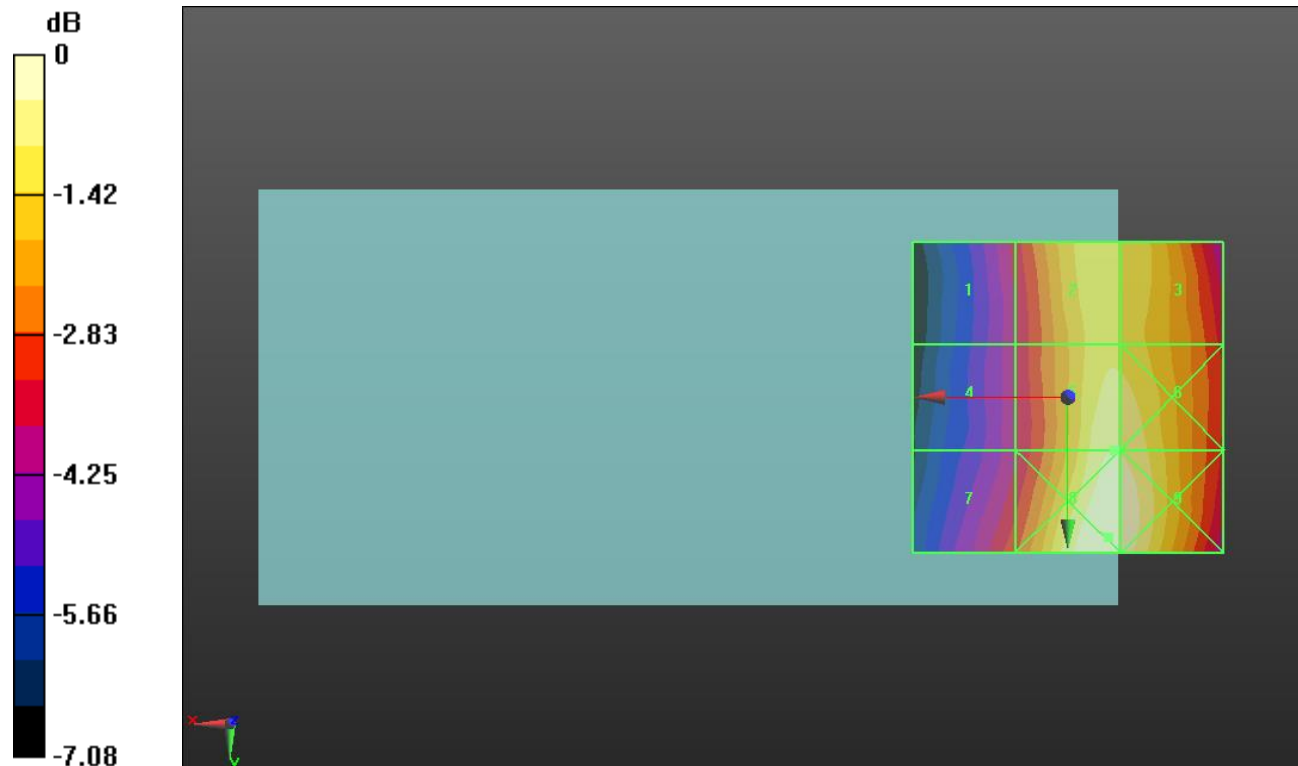
Applied MIF = 3.26 dB

RF audio interference level = 30.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.07 dBV/m	Grid 2 M4 29.62 dBV/m	Grid 3 M4 29.6 dBV/m
Grid 4 M4 26.78 dBV/m	Grid 5 M4 30.12 dBV/m	Grid 6 M4 30.1 dBV/m
Grid 7 M4 27.69 dBV/m	Grid 8 M4 30.59 dBV/m	Grid 9 M4 30.5 dBV/m



0 dB = 33.83 V/m = 30.59 dBV/m

HAC-RF Emission UAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 684/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.60 V/m; Power Drift = -0.10 dB

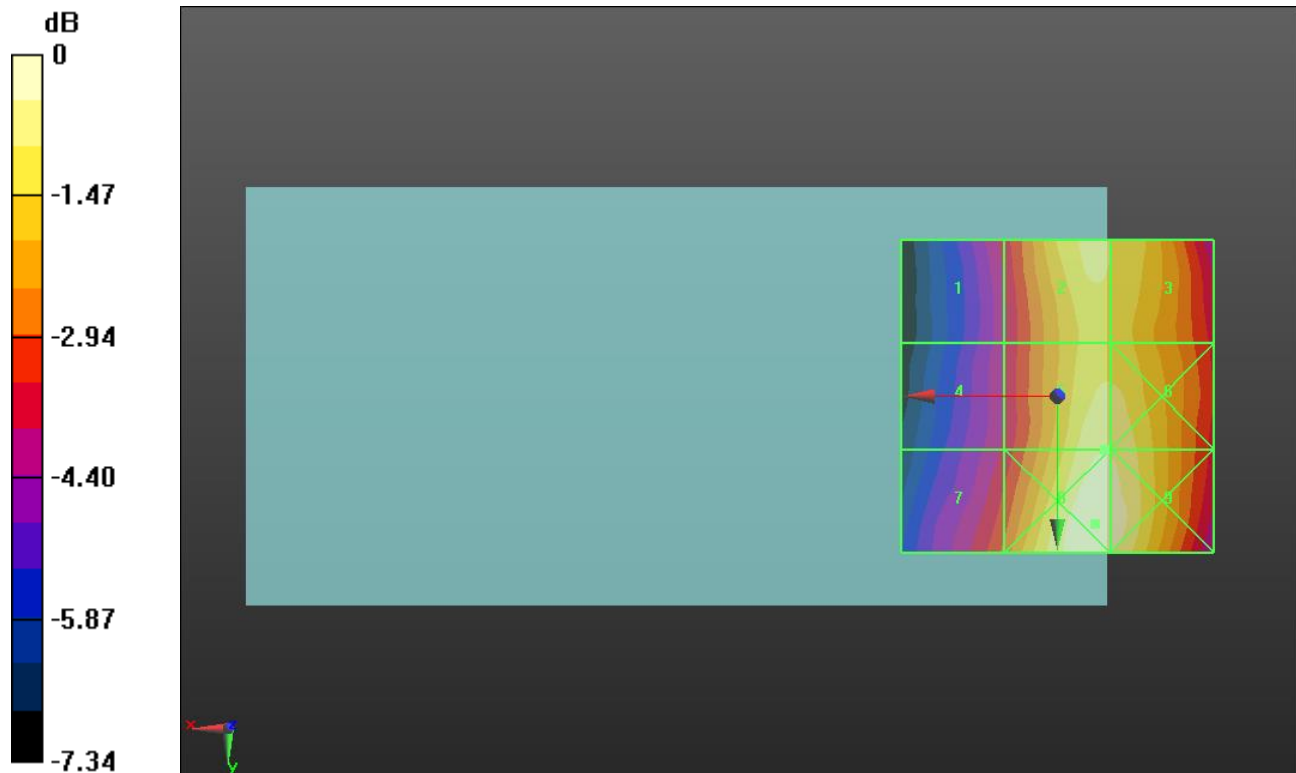
Applied MIF = 3.26 dB

RF audio interference level = 30.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.97 dBV/m	Grid 2 M4 29.75 dBV/m	Grid 3 M4 29.64 dBV/m
Grid 4 M4 26.85 dBV/m	Grid 5 M4 30.08 dBV/m	Grid 6 M4 30.06 dBV/m
Grid 7 M4 27.82 dBV/m	Grid 8 M4 30.6 dBV/m	Grid 9 M4 30.47 dBV/m



0 dB = 33.87 V/m = 30.60 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 66.63 V/m; Power Drift = 0.29 dB

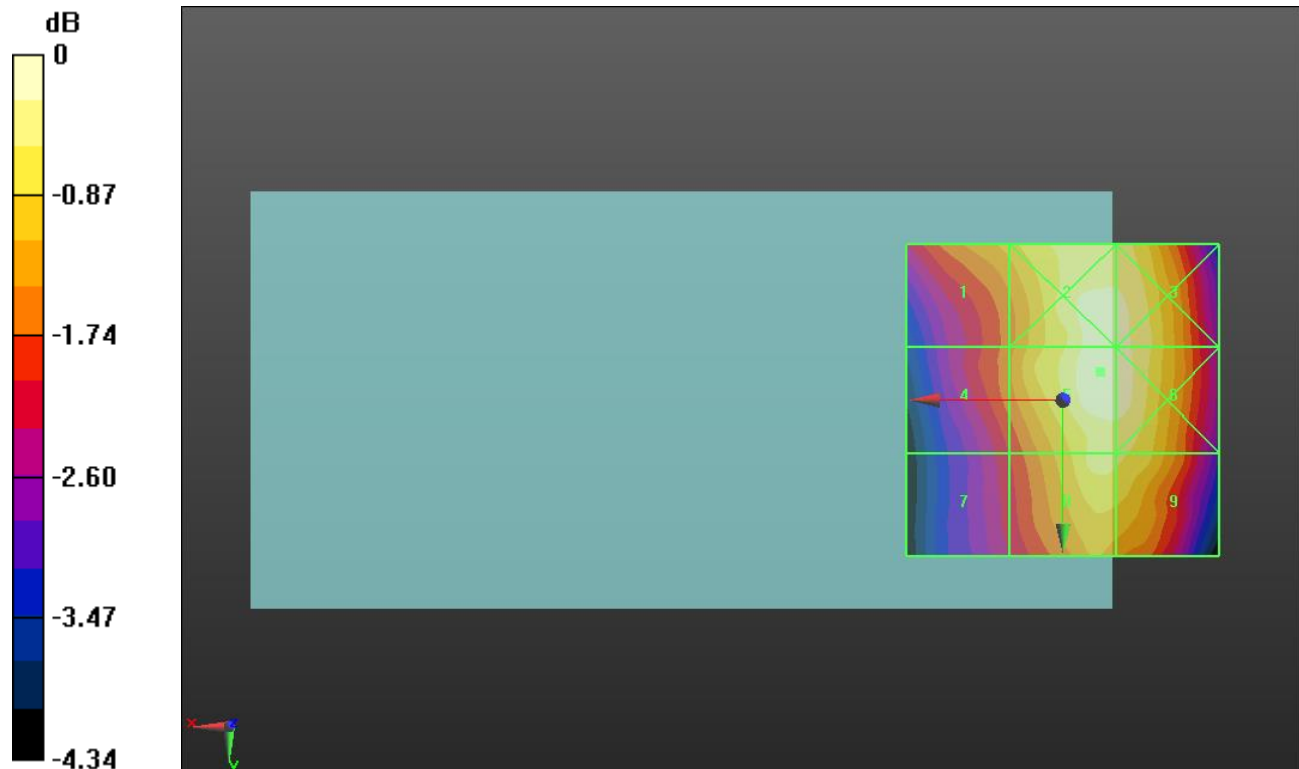
Applied MIF = 3.63 dB

RF audio interference level = 38.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.59 dBV/m	Grid 2 M4 38.52 dBV/m	Grid 3 M4 38.45 dBV/m
Grid 4 M4 37.12 dBV/m	Grid 5 M4 38.6 dBV/m	Grid 6 M4 38.52 dBV/m
Grid 7 M4 36.6 dBV/m	Grid 8 M4 38.15 dBV/m	Grid 9 M4 38.11 dBV/m



0 dB = 85.09 V/m = 38.60 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 54.82 V/m; Power Drift = 0.20 dB

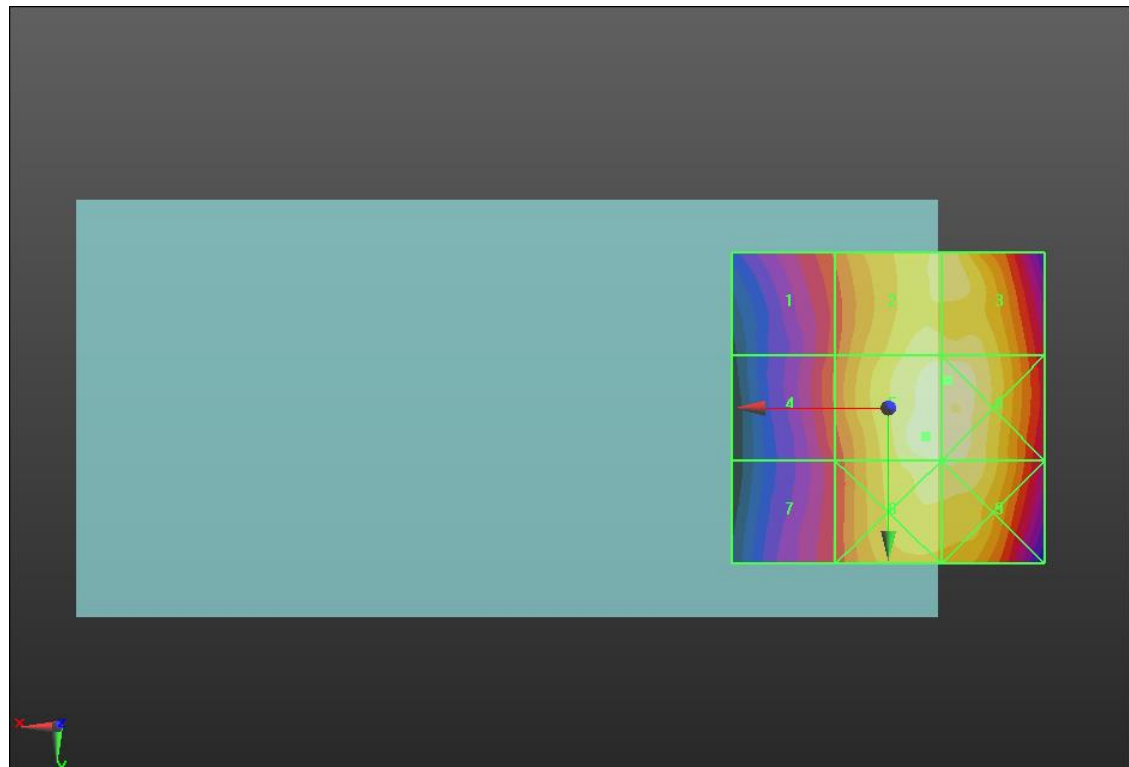
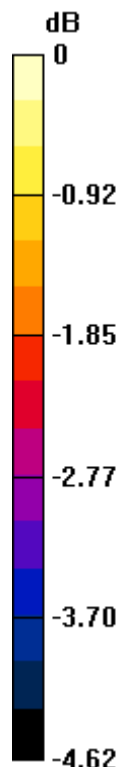
Applied MIF = 3.63 dB

RF audio interference level = 37.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.3 dBV/m	Grid 2 M4 36.68 dBV/m	Grid 3 M4 36.68 dBV/m
Grid 4 M4 35.31 dBV/m	Grid 5 M4 37.06 dBV/m	Grid 6 M4 37.07 dBV/m
Grid 7 M4 35 dBV/m	Grid 8 M4 36.81 dBV/m	Grid 9 M4 36.81 dBV/m



0 dB = 71.38 V/m = 37.07 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 53.50 V/m; Power Drift = -0.28 dB

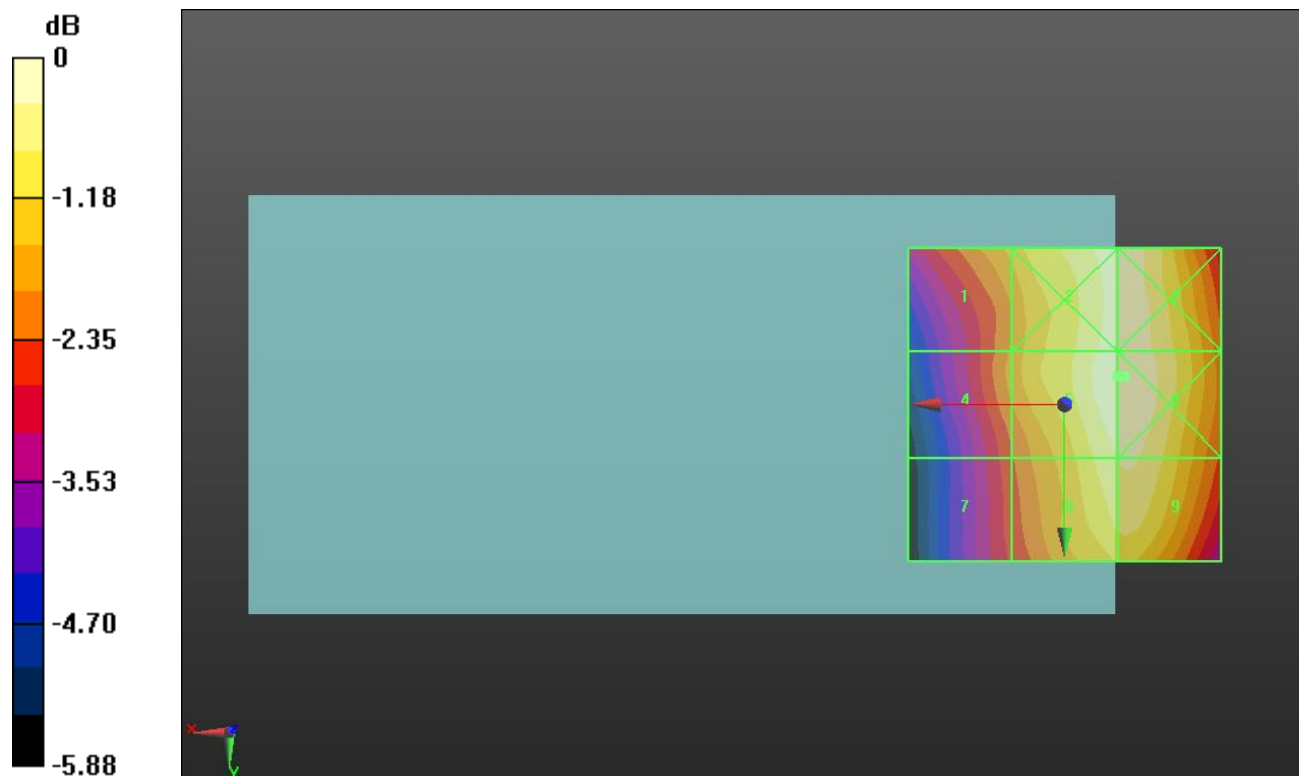
Applied MIF = 3.63 dB

RF audio interference level = 36.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.47 dBV/m	Grid 2 M4 36.78 dBV/m	Grid 3 M4 36.8 dBV/m
Grid 4 M4 35.1 dBV/m	Grid 5 M4 36.86 dBV/m	Grid 6 M4 36.89 dBV/m
Grid 7 M4 34.49 dBV/m	Grid 8 M4 36.51 dBV/m	Grid 9 M4 36.56 dBV/m



0 dB = 69.94 V/m = 36.89 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 14.71 V/m; Power Drift = 0.14 dB

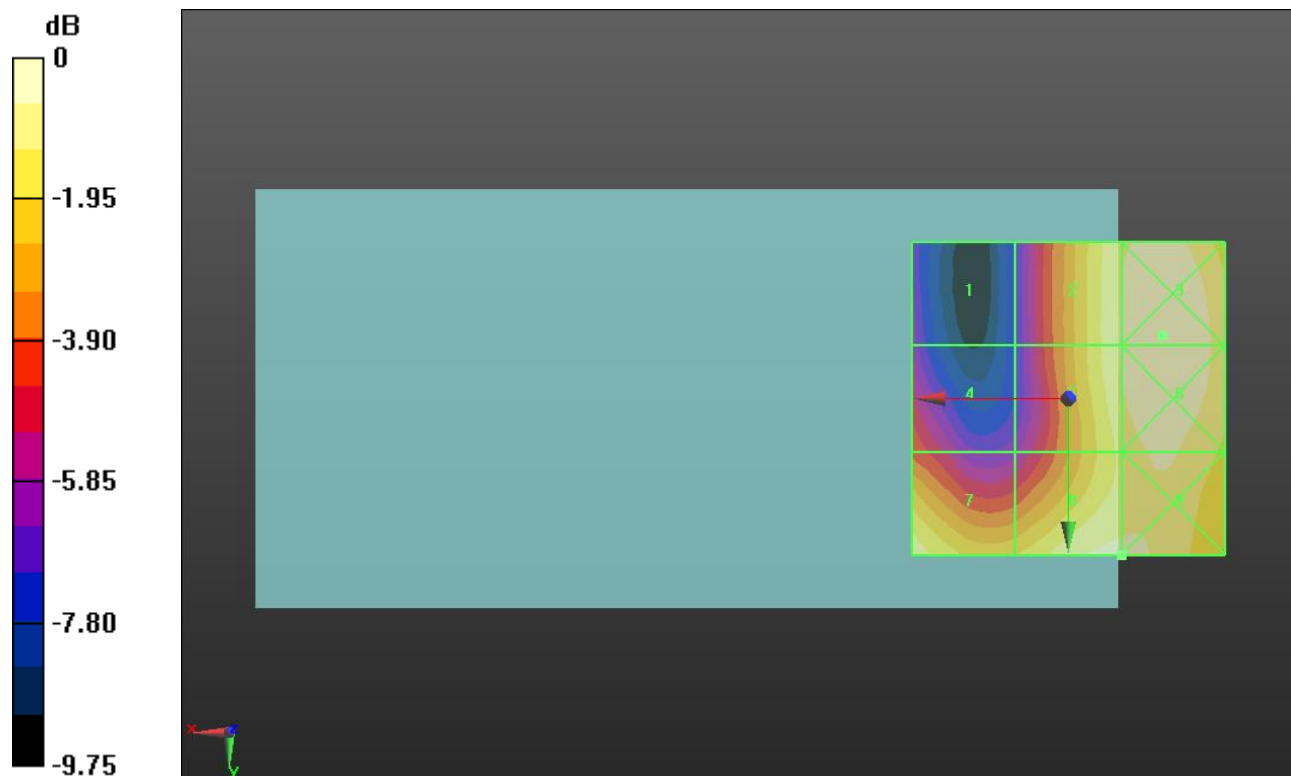
Applied MIF = 3.63 dB

RF audio interference level = 28.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.05 dBV/m	Grid 2 M4 28.5 dBV/m	Grid 3 M4 29.05 dBV/m
Grid 4 M4 25.06 dBV/m	Grid 5 M4 28.49 dBV/m	Grid 6 M4 29.04 dBV/m
Grid 7 M4 28.22 dBV/m	Grid 8 M4 28.59 dBV/m	Grid 9 M4 28.59 dBV/m



0 dB = 28.34 V/m = 29.05 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 14.51 V/m; Power Drift = -0.35 dB

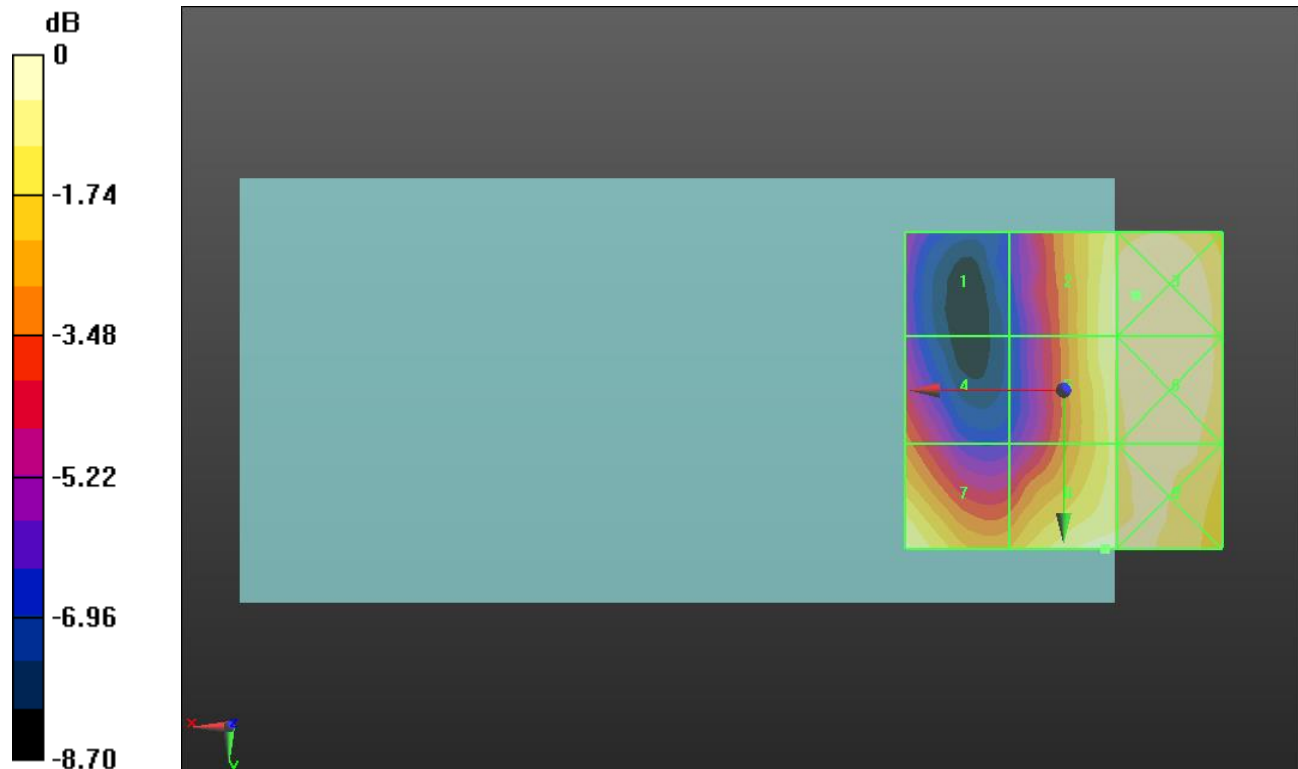
Applied MIF = 3.63 dB

RF audio interference level = 28.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.77 dBV/m	Grid 2 M4 28.33 dBV/m	Grid 3 M4 28.72 dBV/m
Grid 4 M4 25.6 dBV/m	Grid 5 M4 28.25 dBV/m	Grid 6 M4 28.62 dBV/m
Grid 7 M4 28.36 dBV/m	Grid 8 M4 28.43 dBV/m	Grid 9 M4 28.38 dBV/m



0 dB = 27.28 V/m = 28.72 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 15.12 V/m; Power Drift = 0.07 dB

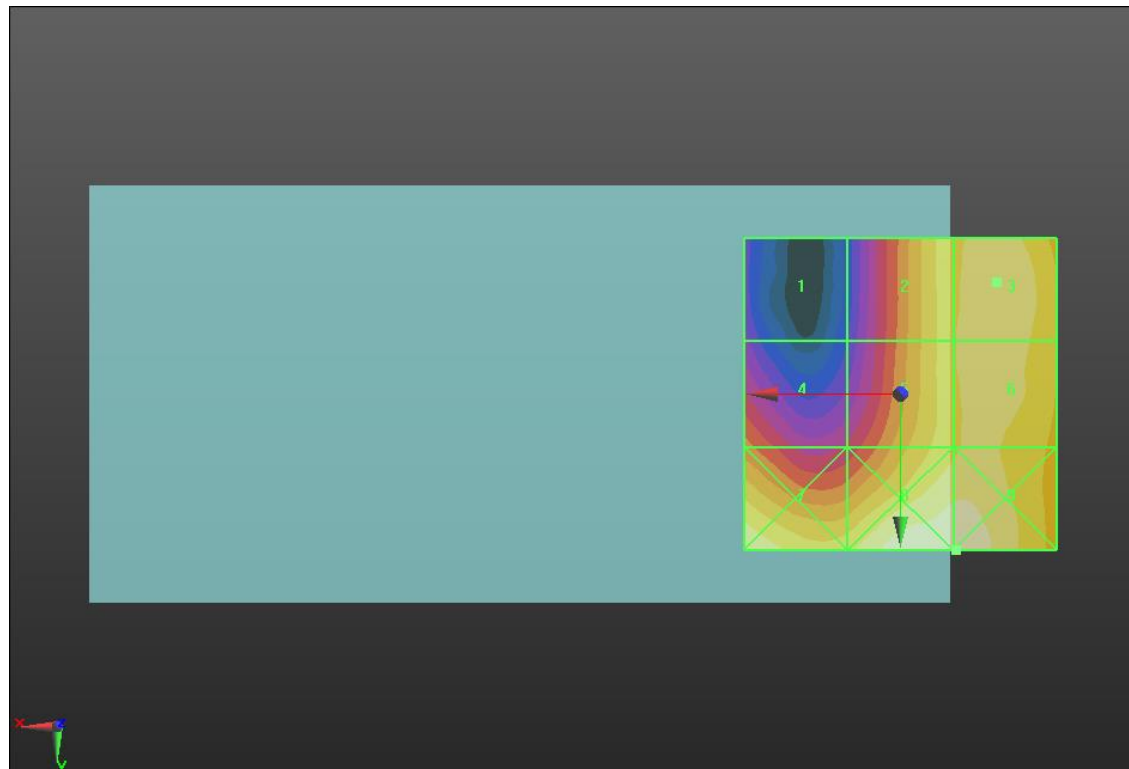
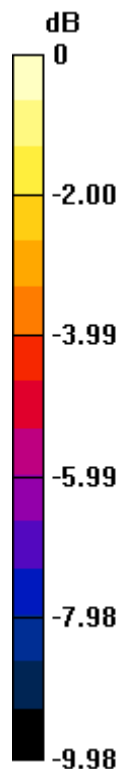
Applied MIF = 3.63 dB

RF audio interference level = 28.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.05 dBV/m	Grid 2 M4 27.98 dBV/m	Grid 3 M4 28.5 dBV/m
Grid 4 M4 25.74 dBV/m	Grid 5 M4 27.99 dBV/m	Grid 6 M4 28.39 dBV/m
Grid 7 M4 28.81 dBV/m	Grid 8 M4 29.39 dBV/m	Grid 9 M4 29.39 dBV/m



0 dB = 29.49 V/m = 29.39 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 23.07 V/m; Power Drift = -0.18 dB

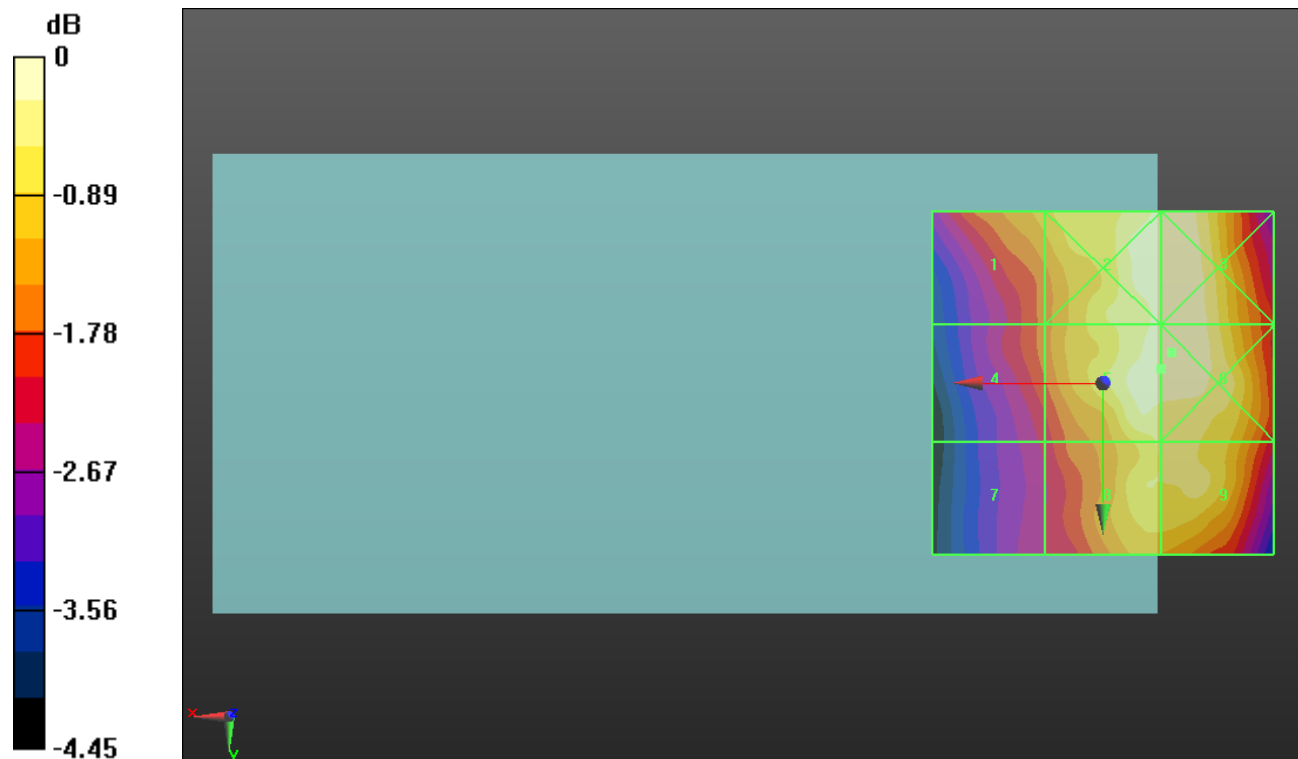
Applied MIF = 3.26 dB

RF audio interference level = 29.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.26 dBV/m	Grid 2 M4 29.24 dBV/m	Grid 3 M4 29.24 dBV/m
Grid 4 M4 27.67 dBV/m	Grid 5 M4 29.24 dBV/m	Grid 6 M4 29.27 dBV/m
Grid 7 M4 27.02 dBV/m	Grid 8 M4 28.73 dBV/m	Grid 9 M4 28.84 dBV/m



0 dB = 29.08 V/m = 29.27 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 18.74 V/m; Power Drift = 0.01 dB

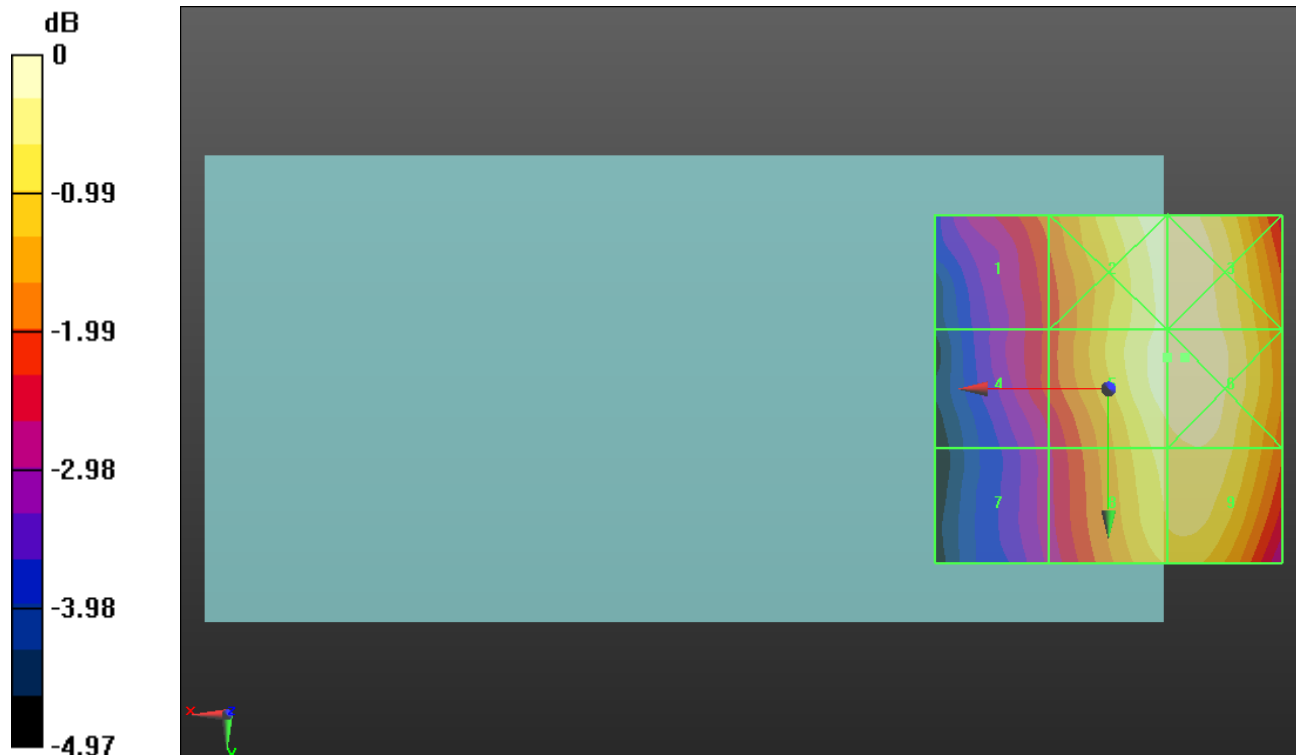
Applied MIF = 3.26 dB

RF audio interference level = 27.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.28 dBV/m	Grid 2 M4 27.9 dBV/m	Grid 3 M4 27.97 dBV/m
Grid 4 M4 25.91 dBV/m	Grid 5 M4 27.97 dBV/m	Grid 6 M4 28.05 dBV/m
Grid 7 M4 25.37 dBV/m	Grid 8 M4 27.57 dBV/m	Grid 9 M4 27.72 dBV/m



0 dB = 25.28 V/m = 28.06 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 16.54 V/m; Power Drift = -0.13 dB

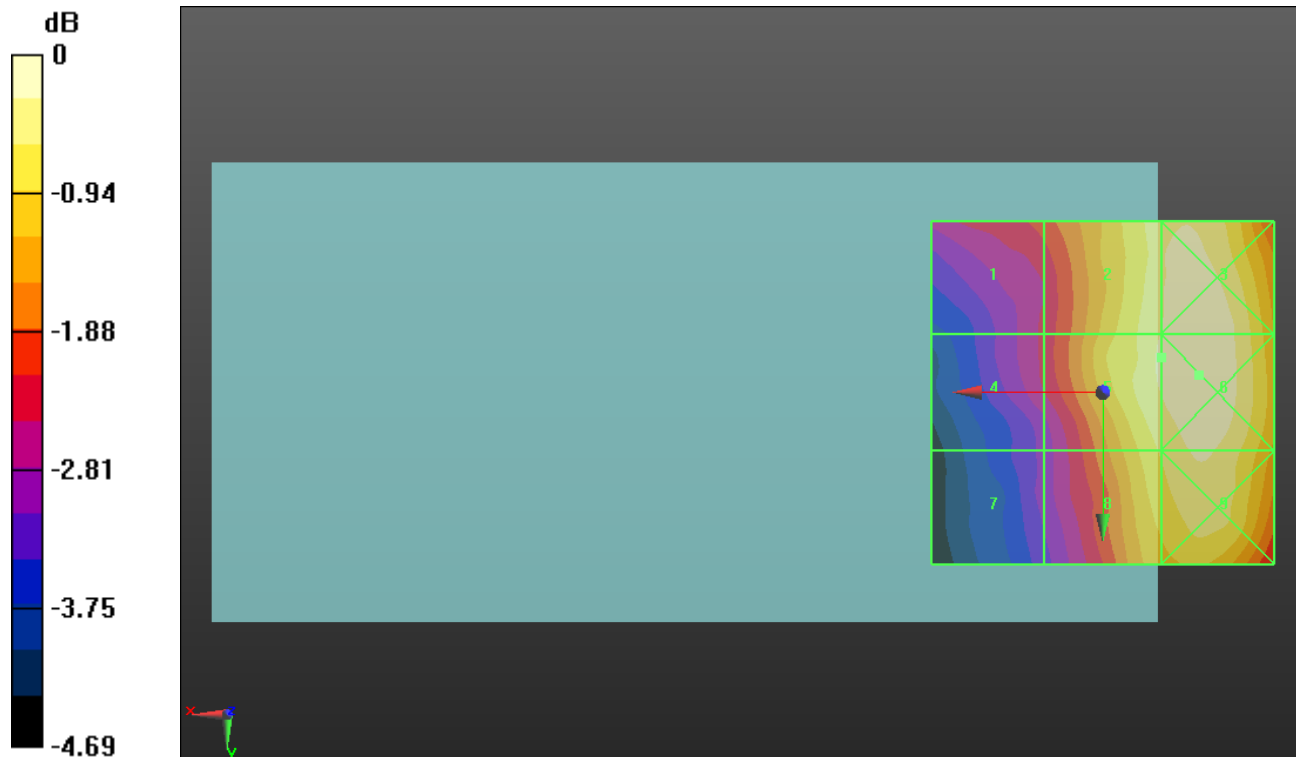
Applied MIF = 3.26 dB

RF audio interference level = 26.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.48 dBV/m	Grid 2 M4 26.19 dBV/m	Grid 3 M4 26.42 dBV/m
Grid 4 M4 24.13 dBV/m	Grid 5 M4 26.28 dBV/m	Grid 6 M4 26.49 dBV/m
Grid 7 M4 23.54 dBV/m	Grid 8 M4 25.91 dBV/m	Grid 9 M4 26.22 dBV/m



0 dB = 21.12 V/m = 26.49 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 9.354 V/m; Power Drift = -0.11 dB

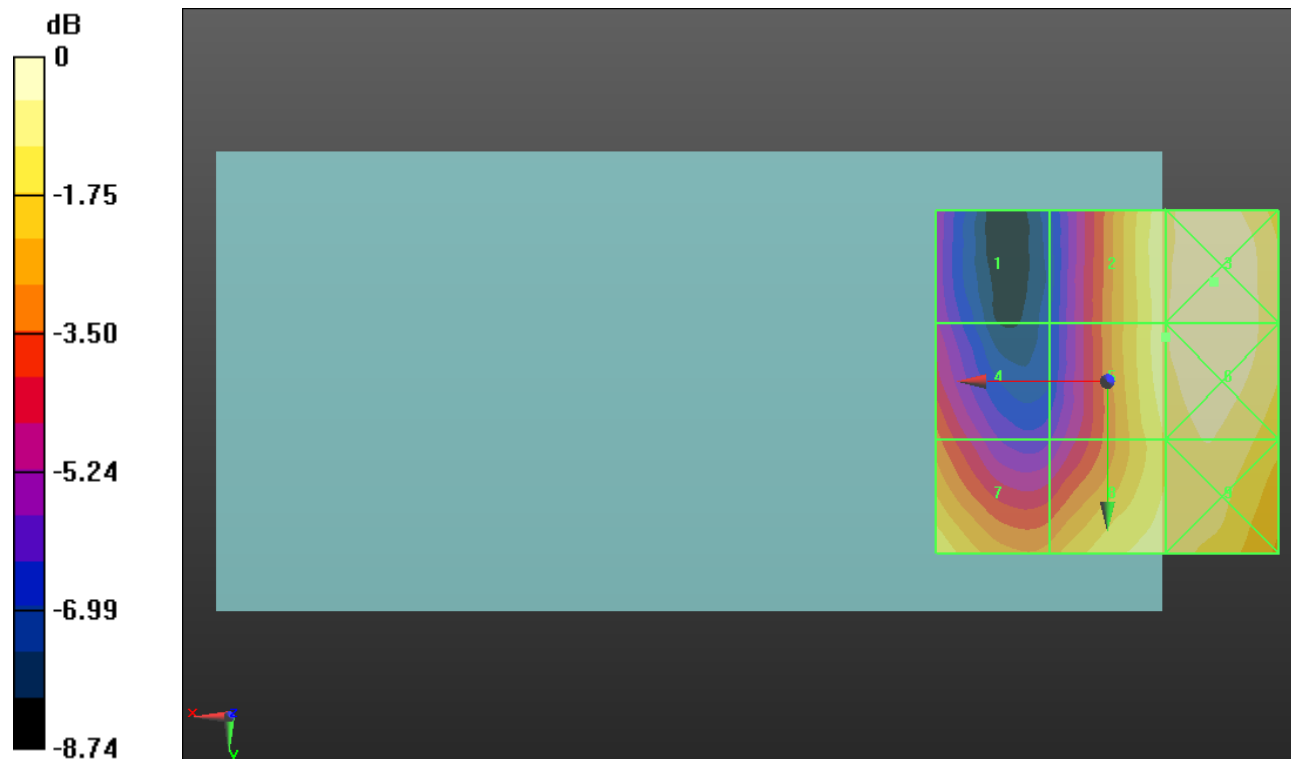
Applied MIF = 3.26 dB

RF audio interference level = 24.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.78 dBV/m	Grid 2 M4 24.22 dBV/m	Grid 3 M4 24.91 dBV/m
Grid 4 M4 21.66 dBV/m	Grid 5 M4 24.23 dBV/m	Grid 6 M4 24.86 dBV/m
Grid 7 M4 23.79 dBV/m	Grid 8 M4 23.99 dBV/m	Grid 9 M4 24.34 dBV/m



0 dB = 17.59 V/m = 24.91 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 10.00 V/m; Power Drift = -0.42 dB

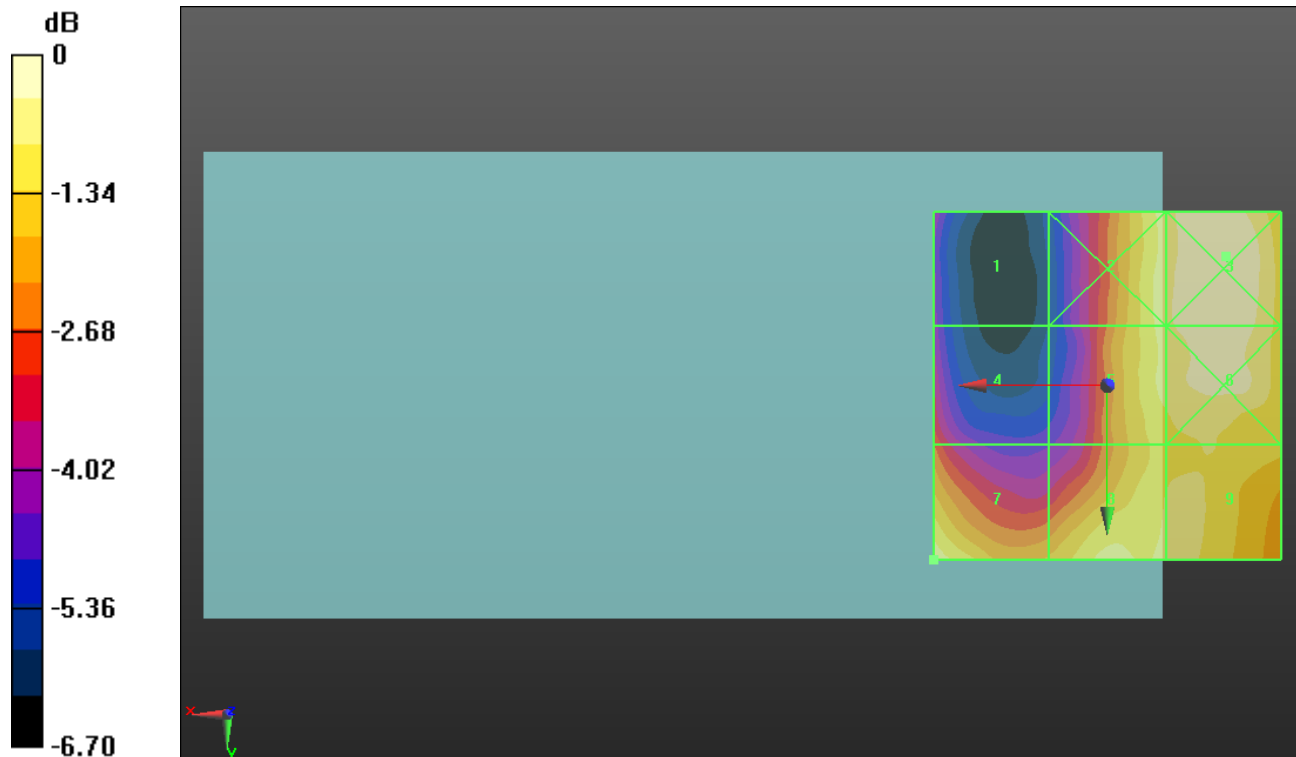
Applied MIF = 3.26 dB

RF audio interference level = 24.30 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21 dBV/m	Grid 2 M4 24.26 dBV/m	Grid 3 M4 24.82 dBV/m
Grid 4 M4 22.22 dBV/m	Grid 5 M4 24.21 dBV/m	Grid 6 M4 24.65 dBV/m
Grid 7 M4 24.3 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 24.07 dBV/m



0 dB = 17.43 V/m = 24.83 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 = 10.01 V/m; Power Drift = 0.16 dB

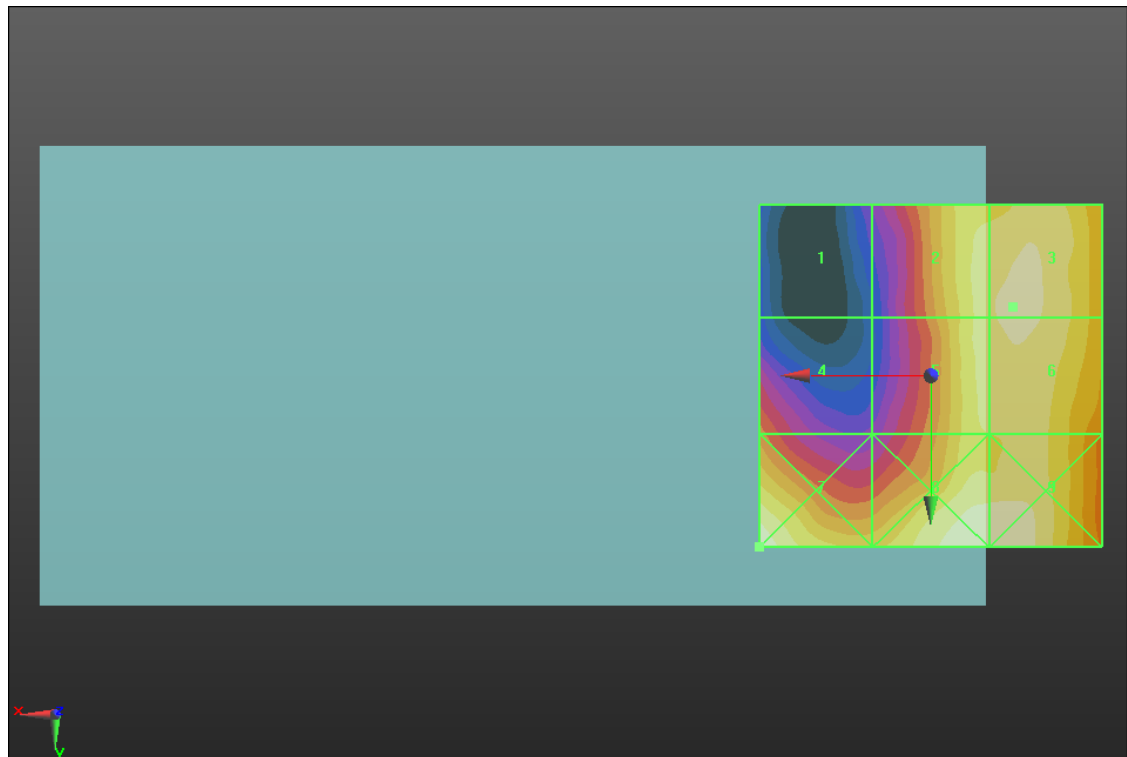
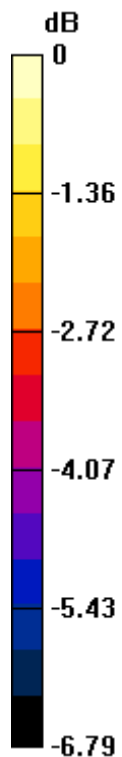
Applied MIF = 3.26 dB

RF audio interference level = 24.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.47 dBV/m	Grid 2 M4 24.29 dBV/m	Grid 3 M4 24.53 dBV/m
Grid 4 M4 22.38 dBV/m	Grid 5 M4 24.27 dBV/m	Grid 6 M4 24.5 dBV/m
Grid 7 M4 24.84 dBV/m	Grid 8 M4 24.61 dBV/m	Grid 9 M4 24.61 dBV/m



0 dB = 17.46 V/m = 24.84 dBV/m

HAC-RF Emission LAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 476/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.06 V/m; Power Drift = -0.18 dB

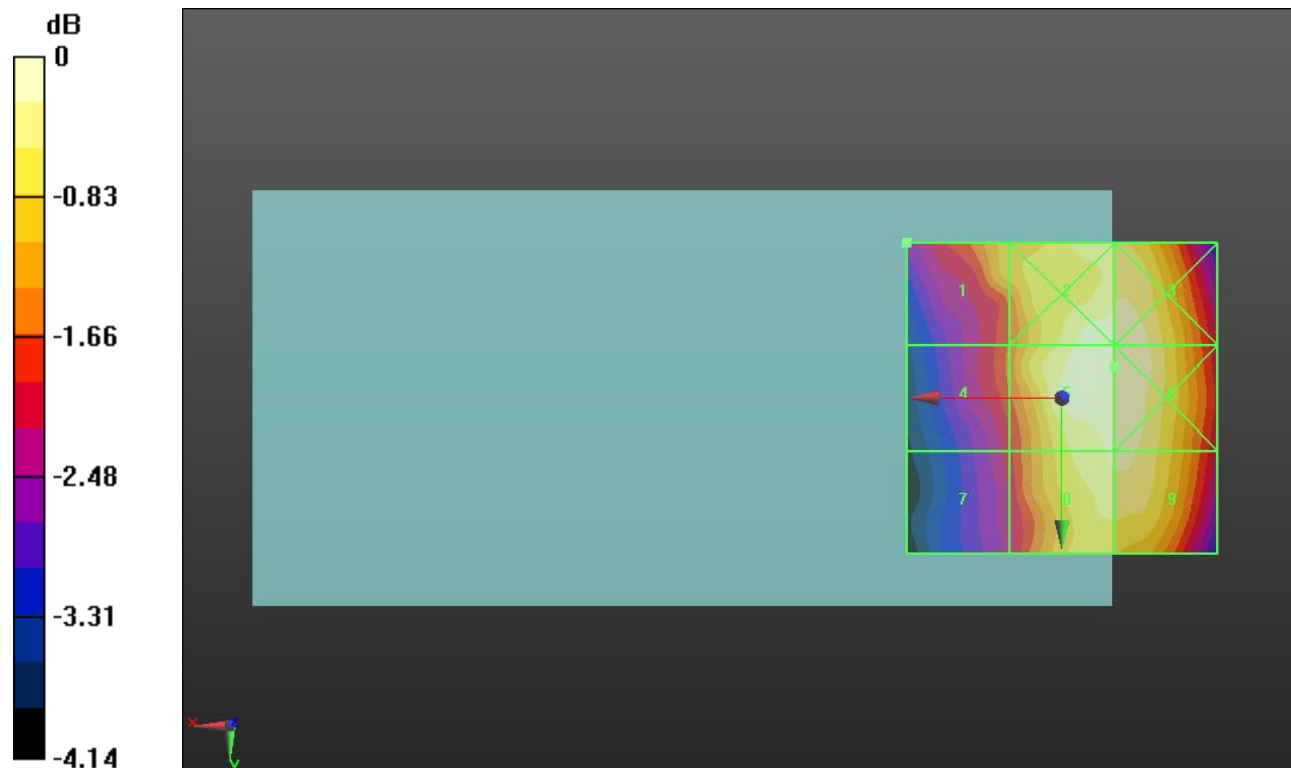
Applied MIF = 3.26 dB

RF audio interference level = 26.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.84 dBV/m	Grid 2 M4 26.76 dBV/m	Grid 3 M4 26.75 dBV/m
Grid 4 M4 25.22 dBV/m	Grid 5 M4 26.78 dBV/m	Grid 6 M4 26.78 dBV/m
Grid 7 M4 24.76 dBV/m	Grid 8 M4 26.56 dBV/m	Grid 9 M4 26.57 dBV/m



0 dB = 21.82 V/m = 26.78 dBV/m

HAC-RF Emission LAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 580/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.88 V/m; Power Drift = 0.33 dB

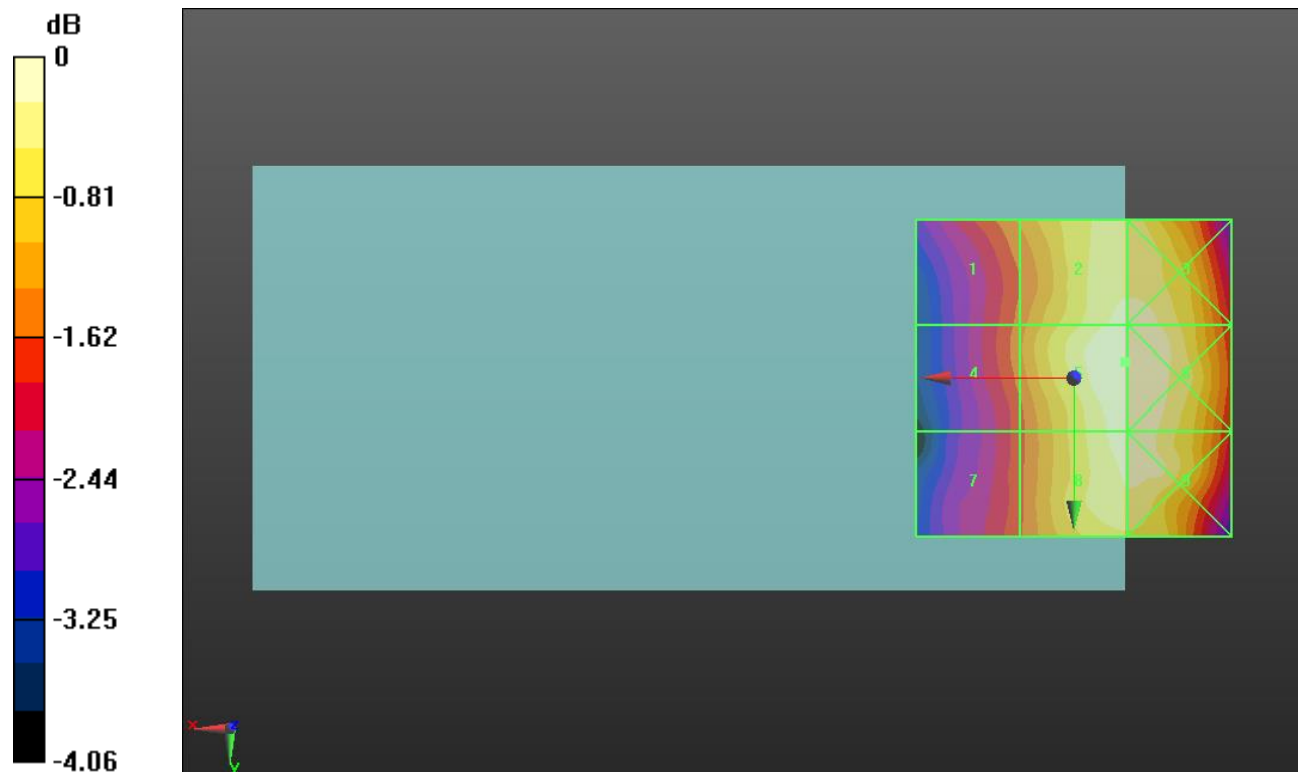
Applied MIF = 3.26 dB

RF audio interference level = 27.01 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.72 dBV/m	Grid 2 M4 26.9 dBV/m	Grid 3 M4 26.92 dBV/m
Grid 4 M4 25.61 dBV/m	Grid 5 M4 27.01 dBV/m	Grid 6 M4 27.01 dBV/m
Grid 7 M4 25.37 dBV/m	Grid 8 M4 26.9 dBV/m	Grid 9 M4 26.91 dBV/m



0 dB = 22.42 V/m = 27.01 dBV/m

HAC-RF Emission LAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 684/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.68 V/m; Power Drift = -0.14 dB

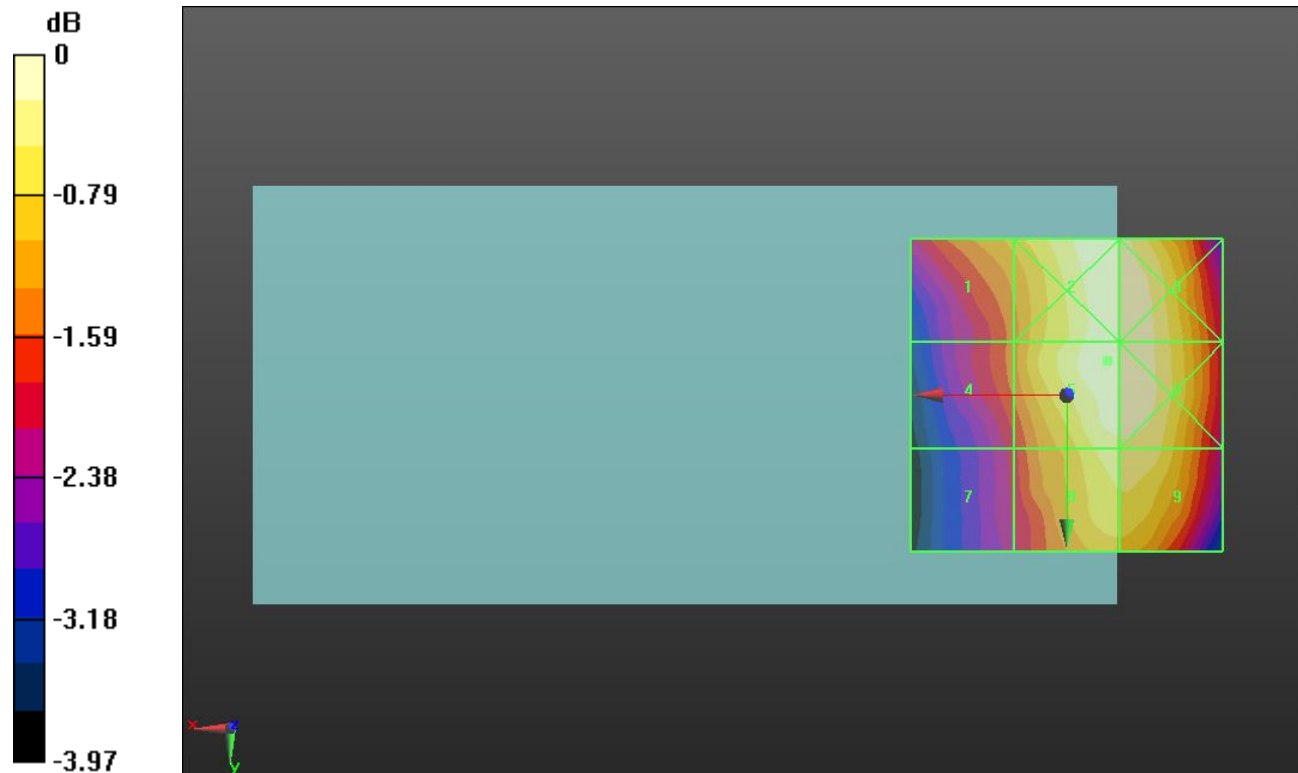
Applied MIF = 3.26 dB

RF audio interference level = 27.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.83 dBV/m	Grid 2 M4 27.73 dBV/m	Grid 3 M4 27.73 dBV/m
Grid 4 M4 26.36 dBV/m	Grid 5 M4 27.77 dBV/m	Grid 6 M4 27.74 dBV/m
Grid 7 M4 25.84 dBV/m	Grid 8 M4 27.45 dBV/m	Grid 9 M4 27.46 dBV/m



0 dB = 24.46 V/m = 27.77 dBV/m

HAC-RF Emission LAT

Communication System: UID 10173 - CAB, 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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 1/50_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 = 15.98 V/m; Power Drift = 0.58 dB

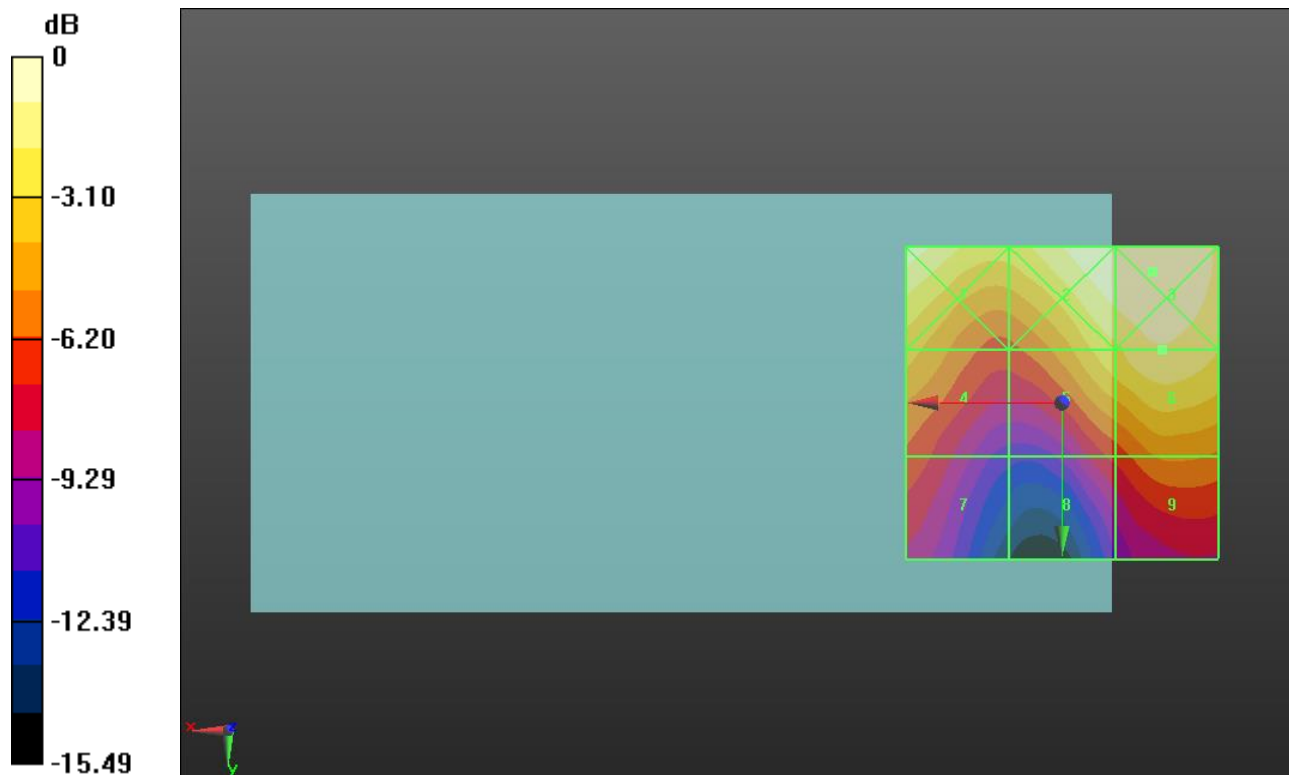
Applied MIF = -1.44 dB

RF audio interference level = 27.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.01 dBV/m	Grid 2 M4 28.19 dBV/m	Grid 3 M4 28.3 dBV/m
Grid 4 M4 24.64 dBV/m	Grid 5 M4 26.04 dBV/m	Grid 6 M4 27.15 dBV/m
Grid 7 M4 21.89 dBV/m	Grid 8 M4 21.47 dBV/m	Grid 9 M4 23.36 dBV/m



0 dB = 26.01 V/m = 28.30 dBV/m

HAC-RF Emission LAT

Communication System: UID 10173 - CAB, 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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 1/50_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 = 13.15 V/m; Power Drift = -0.80 dB

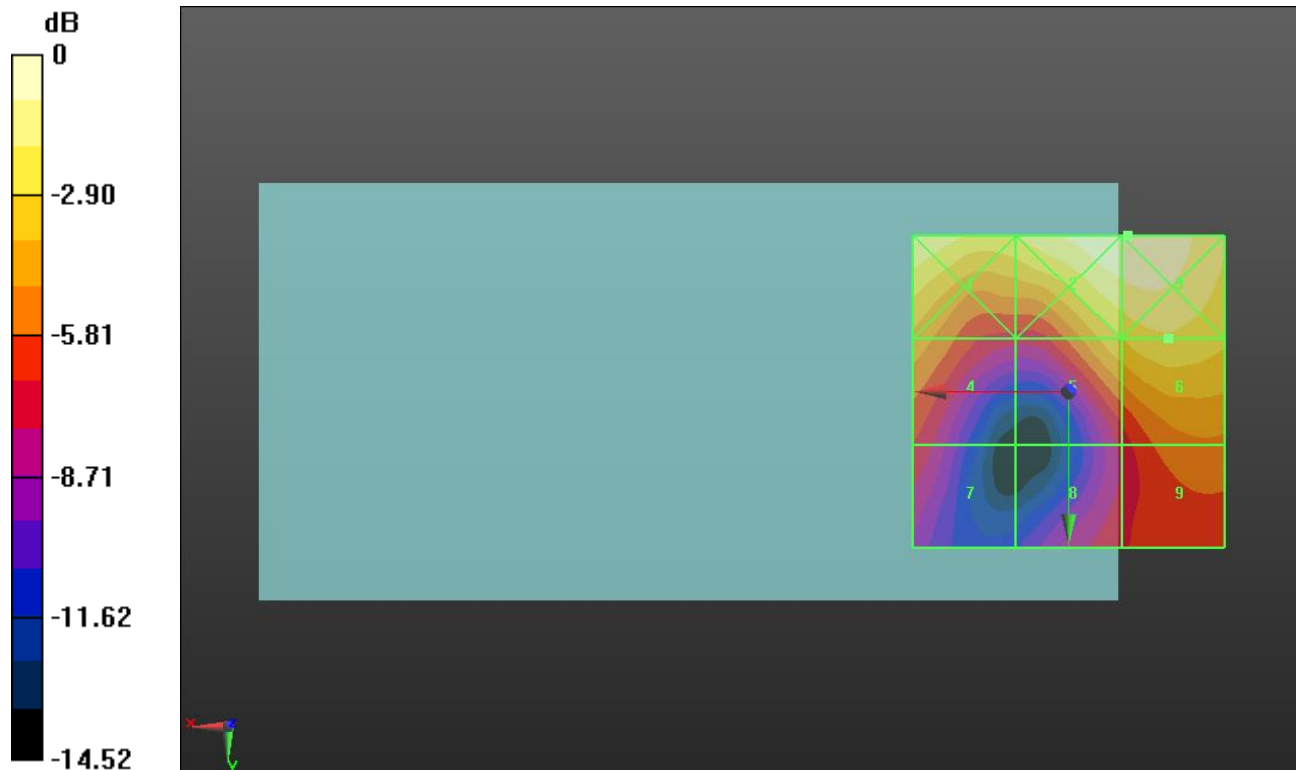
Applied MIF = -1.44 dB

RF audio interference level = 26.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.64 dBV/m	Grid 2 M4 28.24 dBV/m	Grid 3 M4 28.25 dBV/m
Grid 4 M4 24.13 dBV/m	Grid 5 M4 25.35 dBV/m	Grid 6 M4 26.16 dBV/m
Grid 7 M4 21.46 dBV/m	Grid 8 M4 21.36 dBV/m	Grid 9 M4 23.28 dBV/m



0 dB = 25.86 V/m = 28.25 dBV/m

HAC-RF Emission LAT

Communication System: UID 10173 - CAB, 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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 1/50_ch 40620/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.683 V/m; Power Drift = 1.08 dB

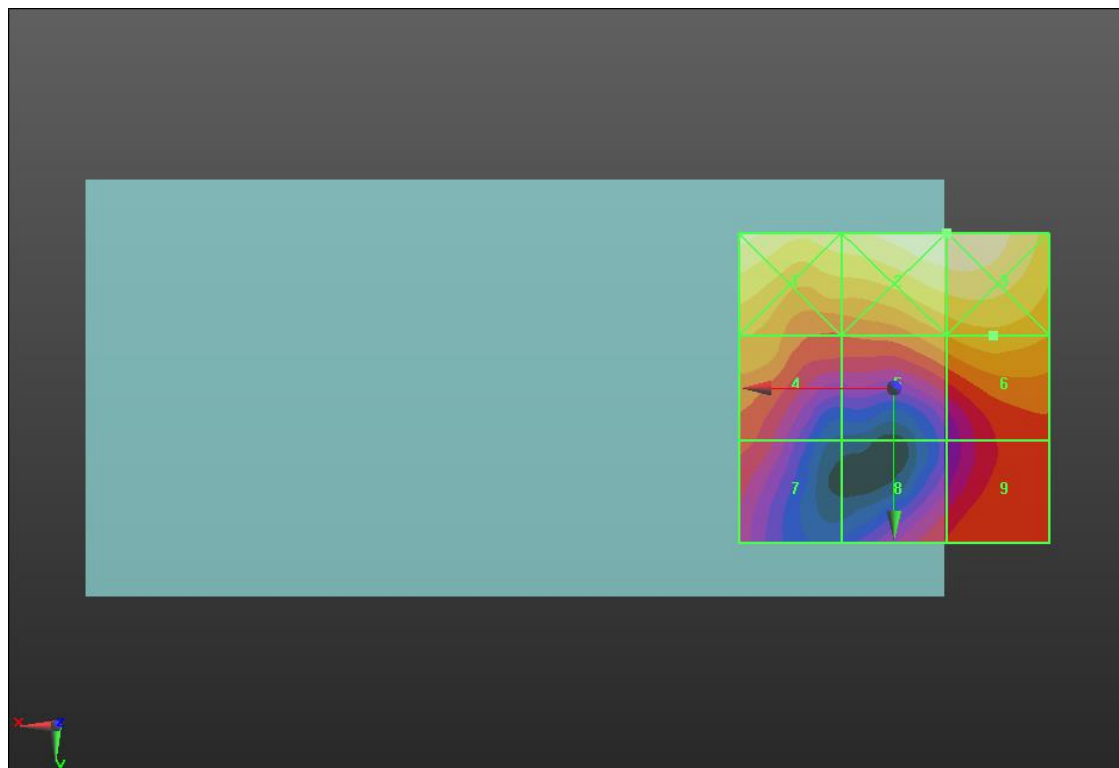
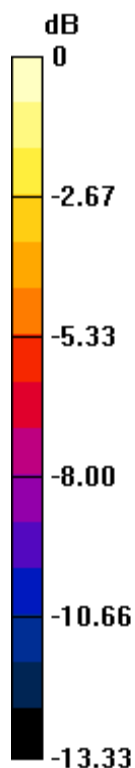
Applied MIF = -1.44 dB

RF audio interference level = 24.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.9 dBV/m	Grid 2 M4 27.34 dBV/m	Grid 3 M4 27.34 dBV/m
Grid 4 M4 23.8 dBV/m	Grid 5 M4 23.82 dBV/m	Grid 6 M4 24.42 dBV/m
Grid 7 M4 21.45 dBV/m	Grid 8 M4 21.3 dBV/m	Grid 9 M4 22 dBV/m



0 dB = 23.29 V/m = 27.34 dBV/m

HAC-RF Emission LAT

Communication System: UID 10173 - CAB, 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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 1/50_ch 41055/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.577 V/m; Power Drift = 0.15 dB

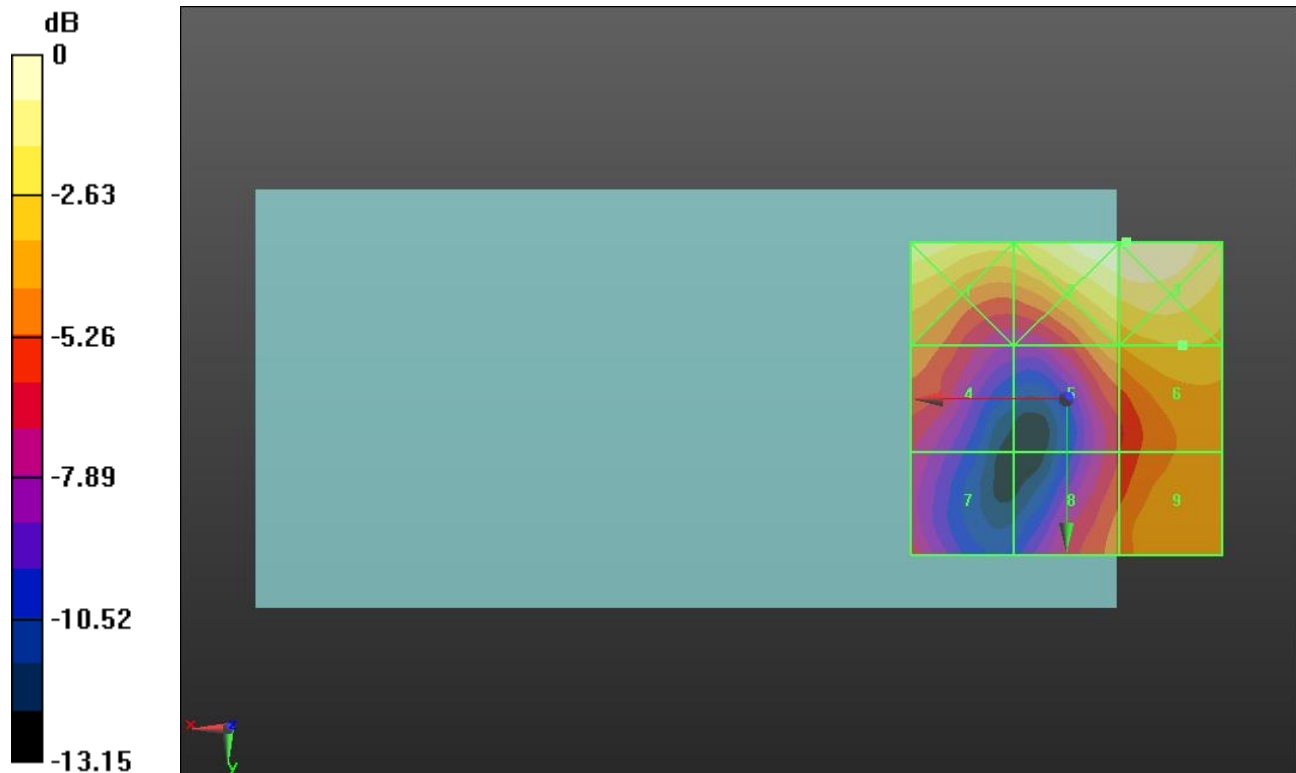
Applied MIF = -1.44 dB

RF audio interference level = 22.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.38 dBV/m	Grid 2 M4 25.23 dBV/m	Grid 3 M4 25.23 dBV/m
Grid 4 M4 20.79 dBV/m	Grid 5 M4 21.72 dBV/m	Grid 6 M4 22.63 dBV/m
Grid 7 M4 19.06 dBV/m	Grid 8 M4 20.47 dBV/m	Grid 9 M4 21.48 dBV/m



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

HAC-RF Emission LAT

Communication System: UID 10173 - CAB, 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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: 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 1/50_ch 41490/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.008 V/m; Power Drift = -0.06 dB

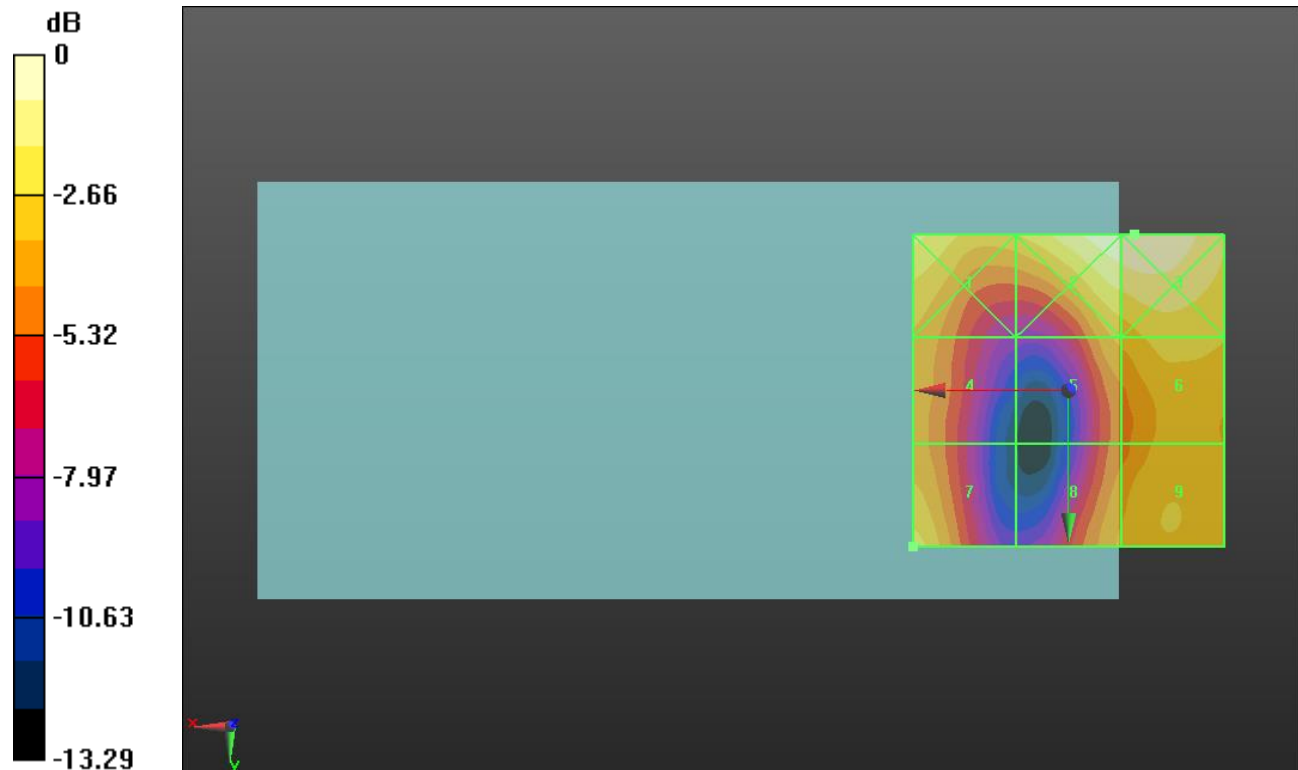
Applied MIF = -1.44 dB

RF audio interference level = 21.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.64 dBV/m	Grid 2 M4 23.96 dBV/m	Grid 3 M4 24.05 dBV/m
Grid 4 M4 20.41 dBV/m	Grid 5 M4 20.79 dBV/m	Grid 6 M4 21.78 dBV/m
Grid 7 M4 21.86 dBV/m	Grid 8 M4 20.67 dBV/m	Grid 9 M4 21.44 dBV/m



0 dB = 15.93 V/m = 24.04 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.55 V/m; Power Drift = 0.11 dB

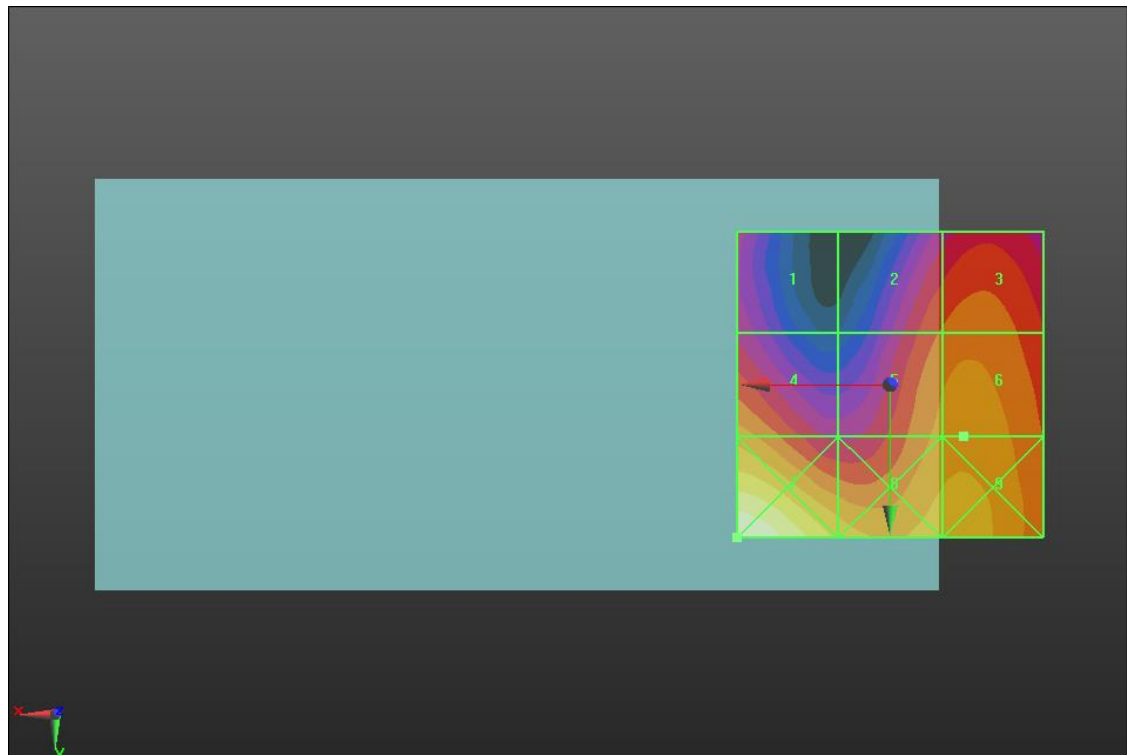
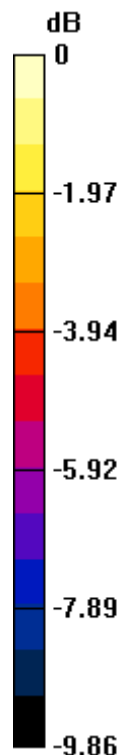
Applied MIF = 0.12 dB

RF audio interference level = 23.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.75 dBV/m	Grid 2 M4 22.21 dBV/m	Grid 3 M4 22.55 dBV/m
Grid 4 M4 23.18 dBV/m	Grid 5 M4 23.02 dBV/m	Grid 6 M4 23.19 dBV/m
Grid 7 M4 26.06 dBV/m	Grid 8 M4 24 dBV/m	Grid 9 M4 23.83 dBV/m



0 dB = 20.09 V/m = 26.06 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.54 V/m; Power Drift = -0.08 dB

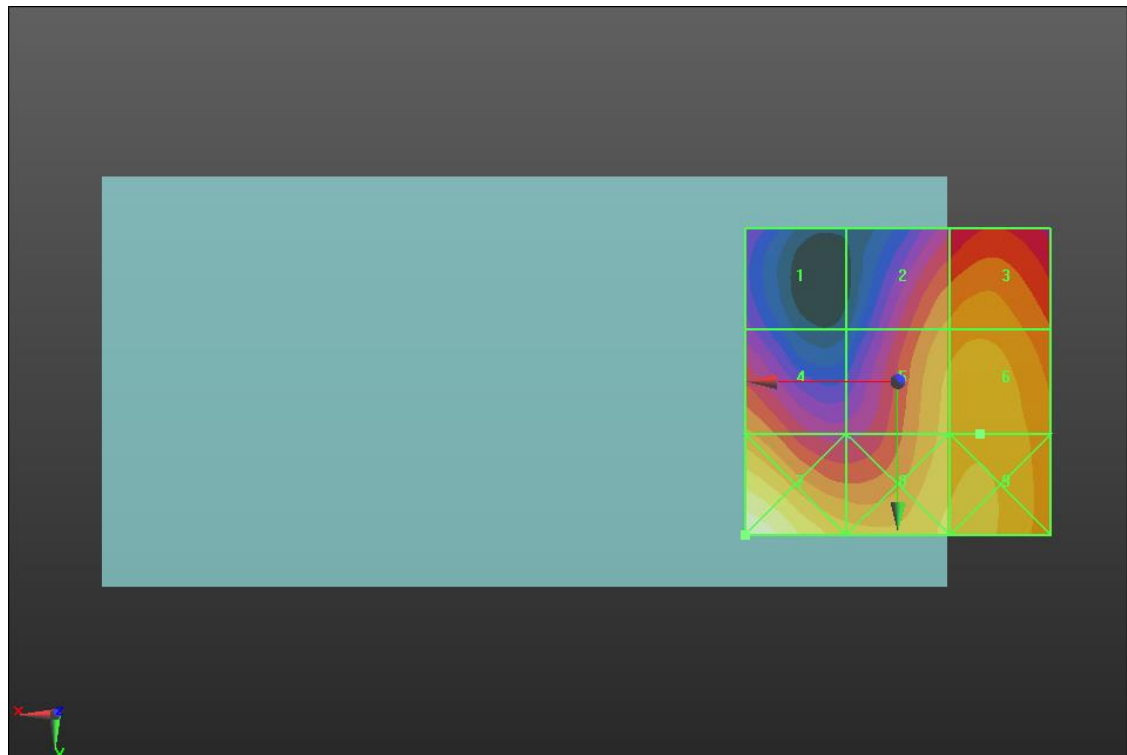
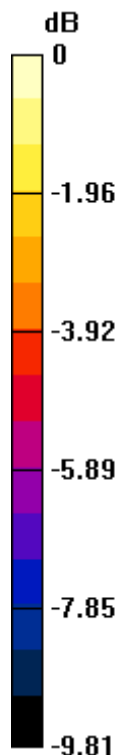
Applied MIF = 0.12 dB

RF audio interference level = 23.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.65 dBV/m	Grid 2 M4 22.75 dBV/m	Grid 3 M4 23.06 dBV/m
Grid 4 M4 22.76 dBV/m	Grid 5 M4 23.46 dBV/m	Grid 6 M4 23.74 dBV/m
Grid 7 M4 25.8 dBV/m	Grid 8 M4 23.99 dBV/m	Grid 9 M4 24.03 dBV/m



0 dB = 19.49 V/m = 25.80 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.86 V/m; Power Drift = 0.16 dB

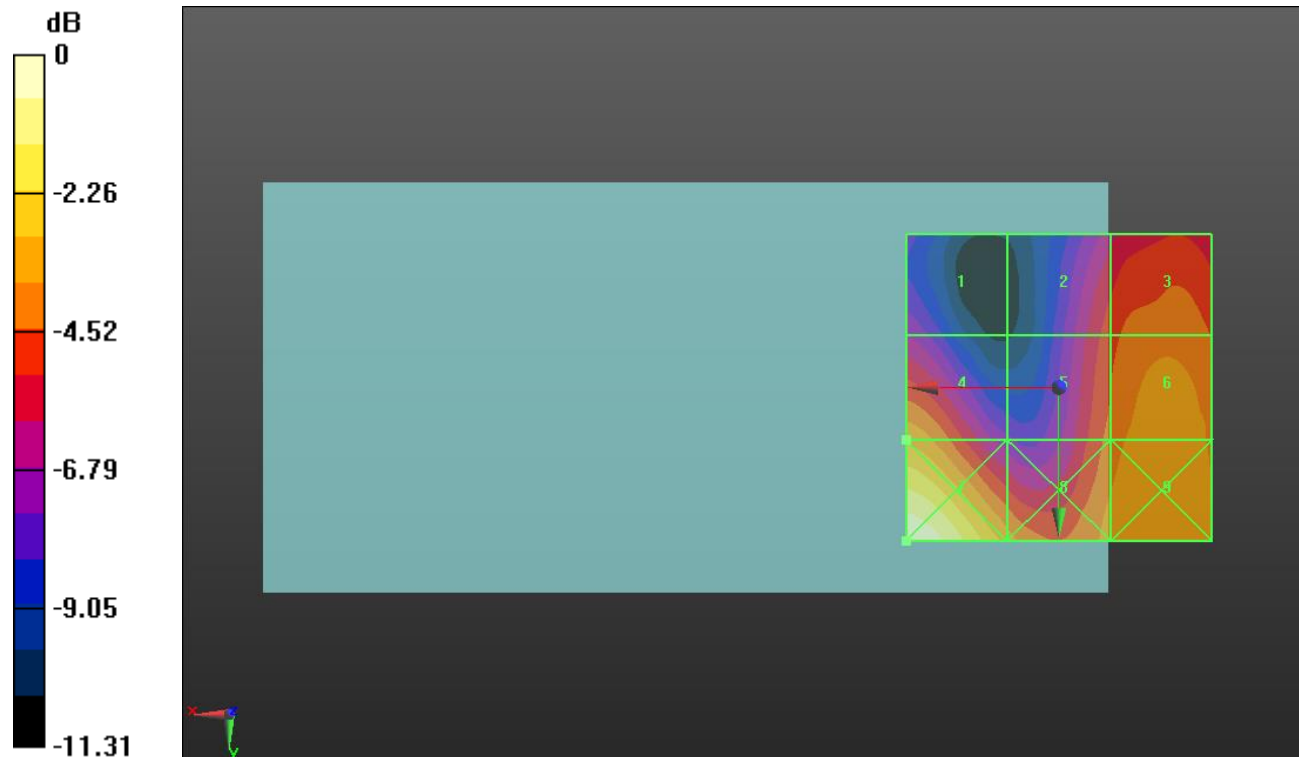
Applied MIF = 0.12 dB

RF audio interference level = 24.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.49 dBV/m	Grid 2 M4 22.4 dBV/m	Grid 3 M4 23.27 dBV/m
Grid 4 M4 24.1 dBV/m	Grid 5 M4 23.03 dBV/m	Grid 6 M4 23.83 dBV/m
Grid 7 M4 27.22 dBV/m	Grid 8 M4 23.93 dBV/m	Grid 9 M4 24.2 dBV/m



0 dB = 22.97 V/m = 27.22 dBV/m