

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 = 67.17 V/m; Power Drift = -0.11 dB

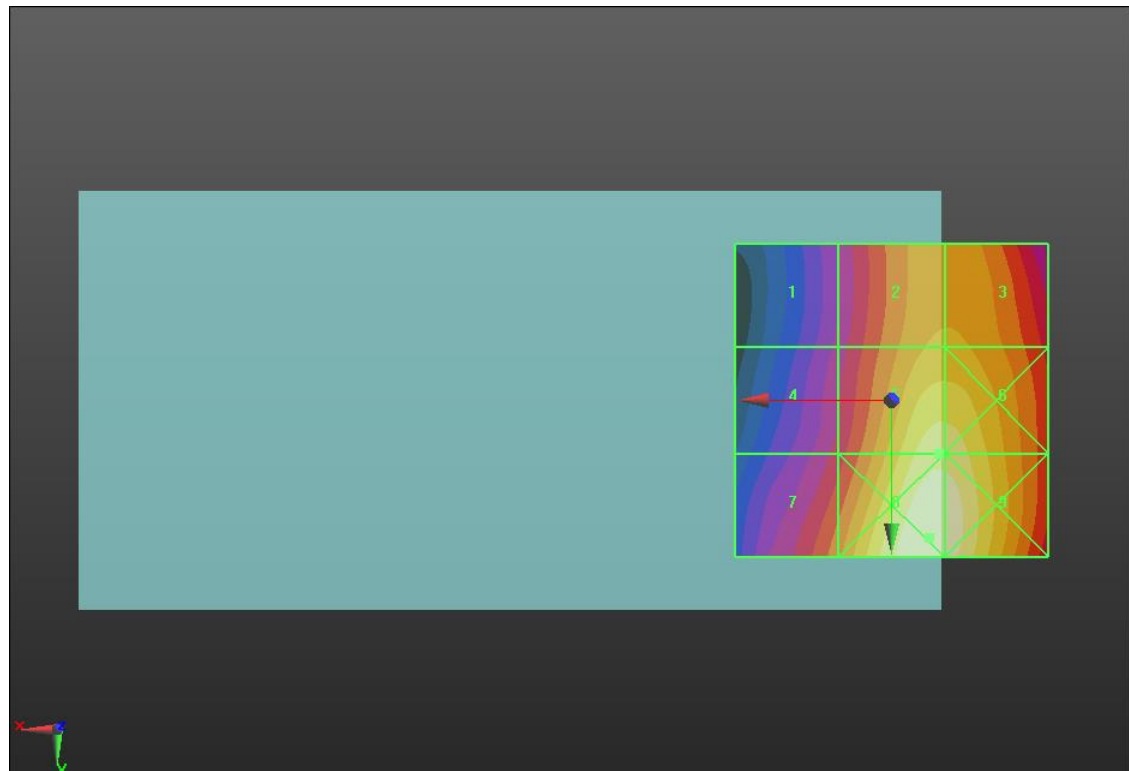
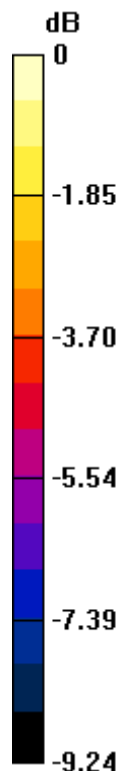
Applied MIF = 3.63 dB

RF audio interference level = 39.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.62 dBV/m	Grid 2 M4 37.6 dBV/m	Grid 3 M4 37.6 dBV/m
Grid 4 M4 35.31 dBV/m	Grid 5 M4 39.1 dBV/m	Grid 6 M4 39.09 dBV/m
Grid 7 M4 36.69 dBV/m	Grid 8 M4 39.91 dBV/m	Grid 9 M4 39.76 dBV/m



0 dB = 98.93 V/m = 39.91 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 = 64.54 V/m; Power Drift = -0.18 dB

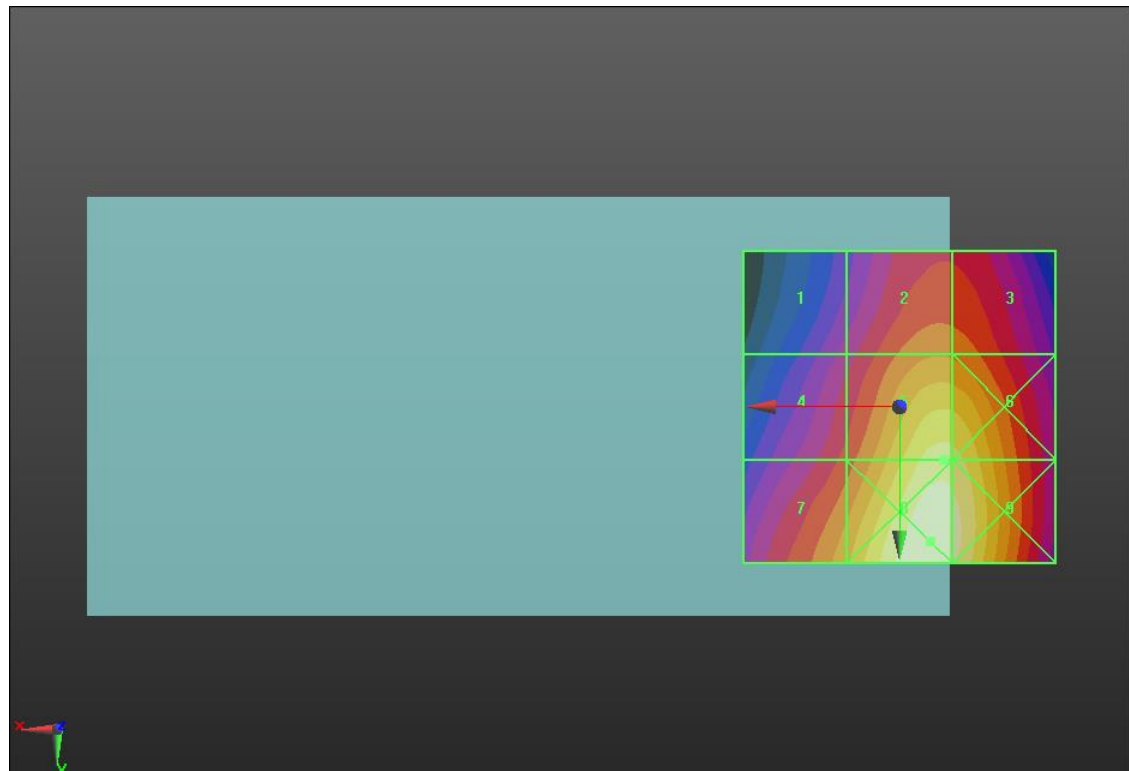
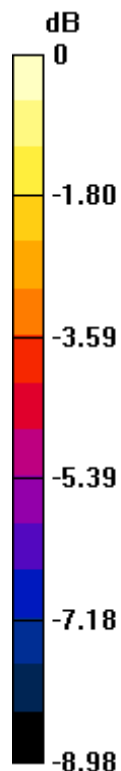
Applied MIF = 3.63 dB

RF audio interference level = 38.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.05 dBV/m	Grid 2 M4 36.1 dBV/m	Grid 3 M4 36.02 dBV/m
Grid 4 M4 35.24 dBV/m	Grid 5 M4 38.24 dBV/m	Grid 6 M4 38.17 dBV/m
Grid 7 M4 36.63 dBV/m	Grid 8 M4 39.13 dBV/m	Grid 9 M4 38.81 dBV/m



0 dB = 90.50 V/m = 39.13 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 = 60.53 V/m; Power Drift = -0.10 dB

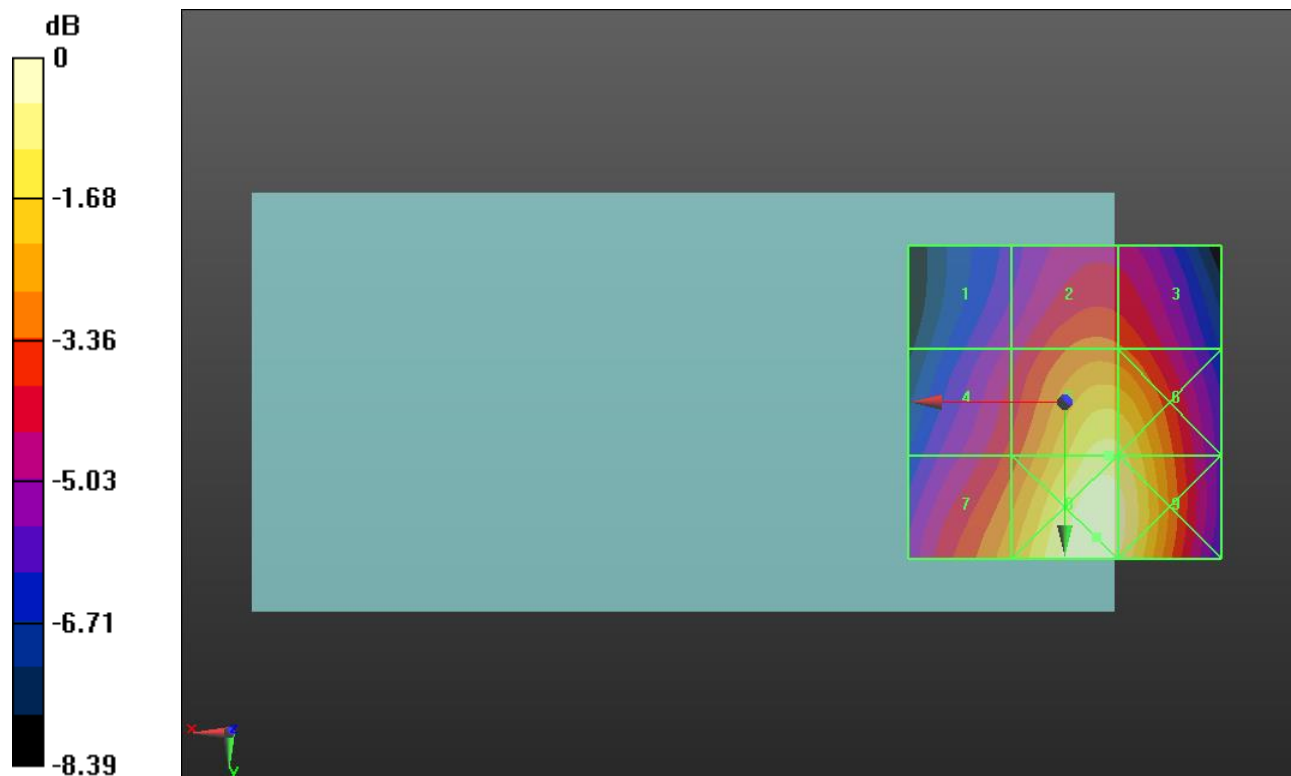
Applied MIF = 3.63 dB

RF audio interference level = 37.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.6 dBV/m	Grid 2 M4 35.32 dBV/m	Grid 3 M4 35.19 dBV/m
Grid 4 M4 34.78 dBV/m	Grid 5 M4 37.57 dBV/m	Grid 6 M4 37.5 dBV/m
Grid 7 M4 36.11 dBV/m	Grid 8 M4 38.4 dBV/m	Grid 9 M4 38.1 dBV/m



0 dB = 83.22 V/m = 38.40 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 = 18.94 V/m; Power Drift = -0.17 dB

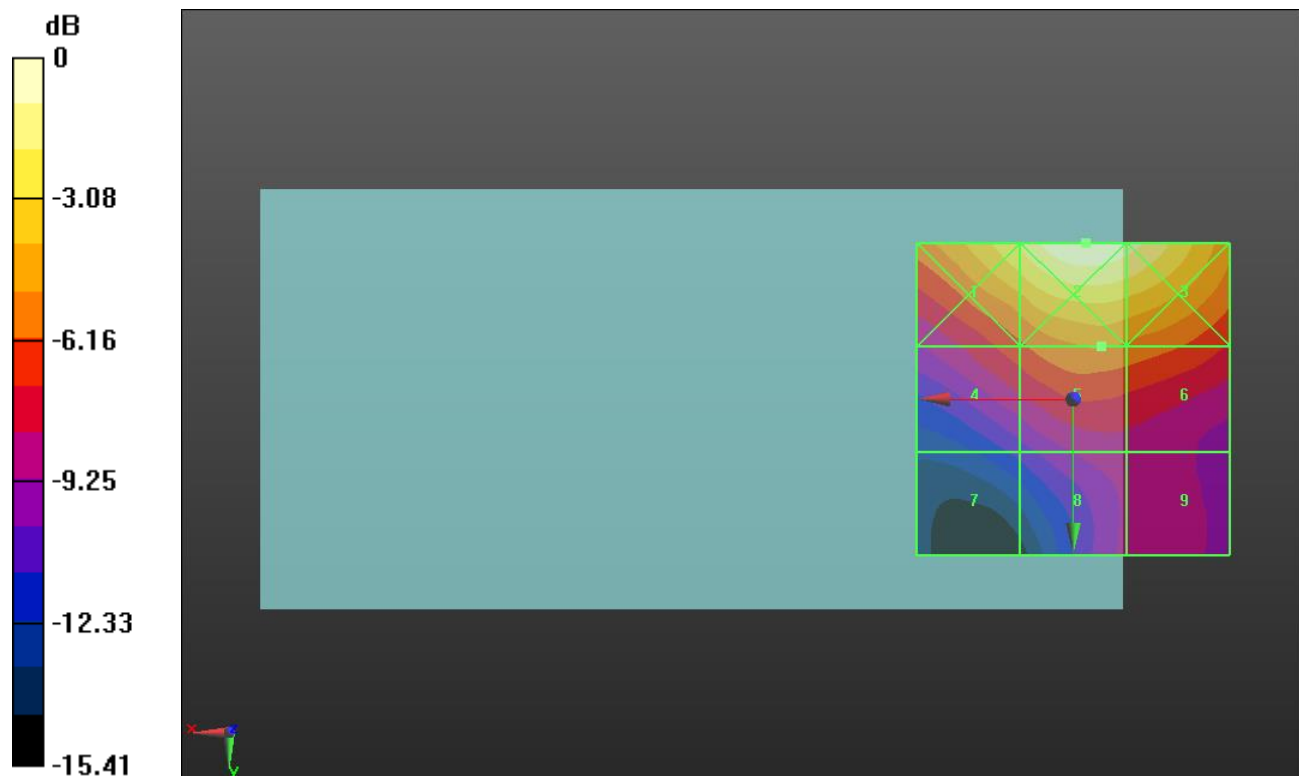
Applied MIF = 3.63 dB

RF audio interference level = 29.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.21 dBV/m	Grid 2 M3 34.11 dBV/m	Grid 3 M3 33.59 dBV/m
Grid 4 M4 27.74 dBV/m	Grid 5 M4 29.11 dBV/m	Grid 6 M4 28.79 dBV/m
Grid 7 M4 23.25 dBV/m	Grid 8 M4 25.48 dBV/m	Grid 9 M4 25.68 dBV/m



0 dB = 50.74 V/m = 34.11 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 = 17.23 V/m; Power Drift = -0.09 dB

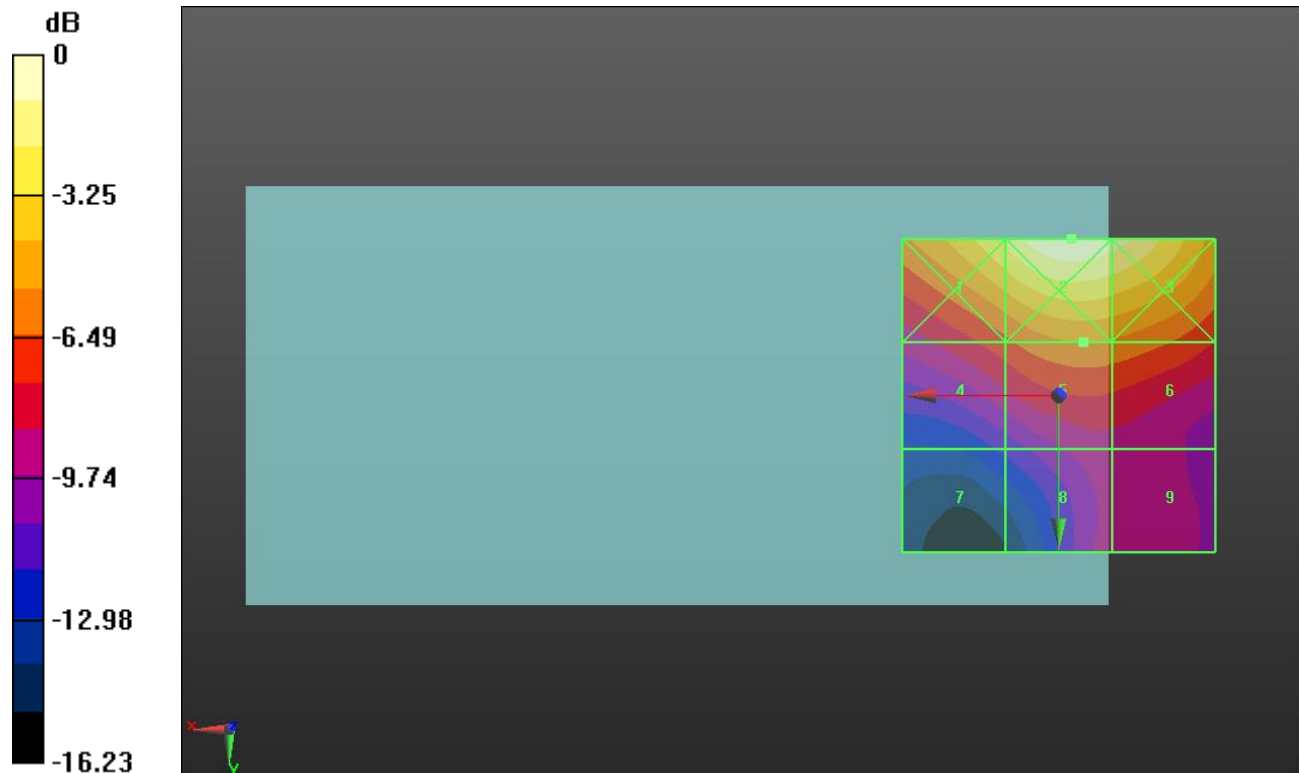
Applied MIF = 3.63 dB

RF audio interference level = 28.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.94 dBV/m	Grid 2 M3 33.85 dBV/m	Grid 3 M3 33.32 dBV/m
Grid 4 M4 27.09 dBV/m	Grid 5 M4 28.47 dBV/m	Grid 6 M4 28.3 dBV/m
Grid 7 M4 22.34 dBV/m	Grid 8 M4 24.92 dBV/m	Grid 9 M4 25.04 dBV/m



0 dB = 49.24 V/m = 33.85 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 = 15.43 V/m; Power Drift = -0.00 dB

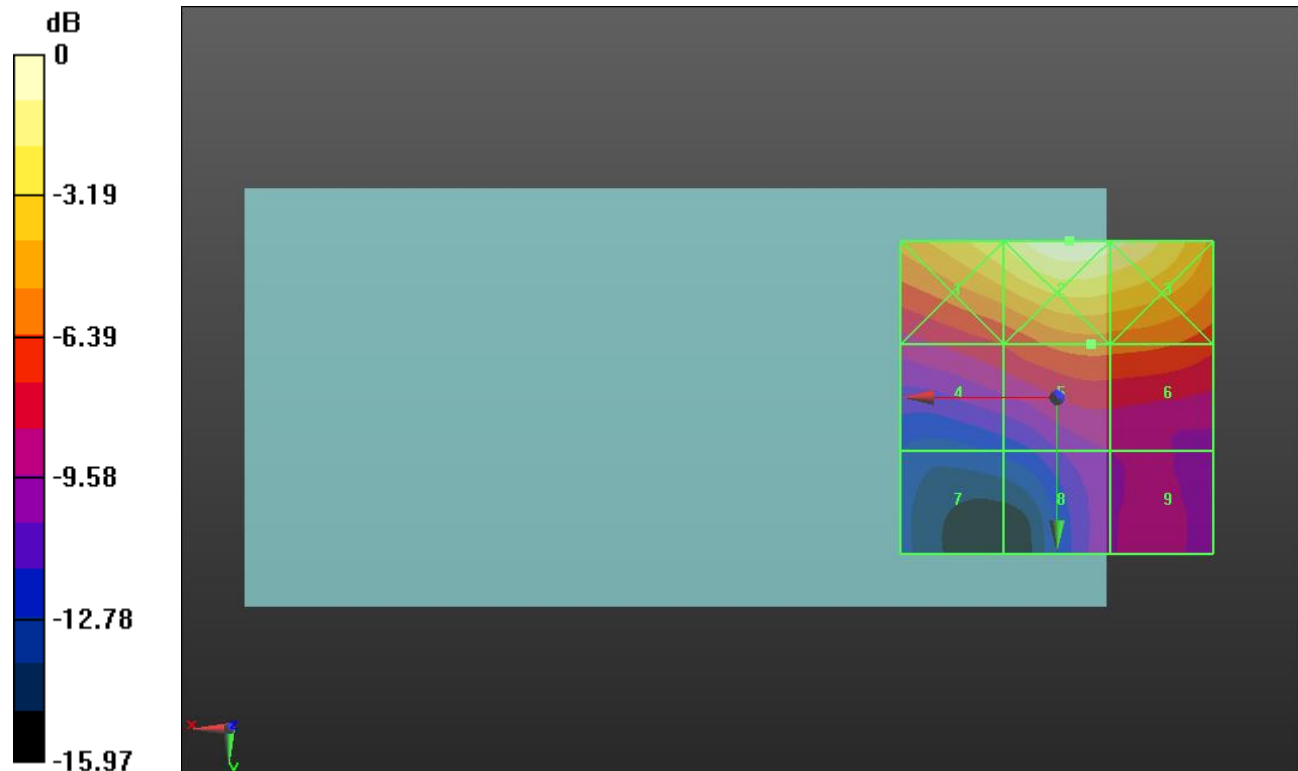
Applied MIF = 3.63 dB

RF audio interference level = 27.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.78 dBV/m	Grid 2 M3 33.78 dBV/m	Grid 3 M3 33.21 dBV/m
Grid 4 M4 26.45 dBV/m	Grid 5 M4 27.96 dBV/m	Grid 6 M4 27.87 dBV/m
Grid 7 M4 21.39 dBV/m	Grid 8 M4 24.25 dBV/m	Grid 9 M4 24.65 dBV/m



0 dB = 48.85 V/m = 33.78 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 = 29.95 V/m; Power Drift = -0.12 dB

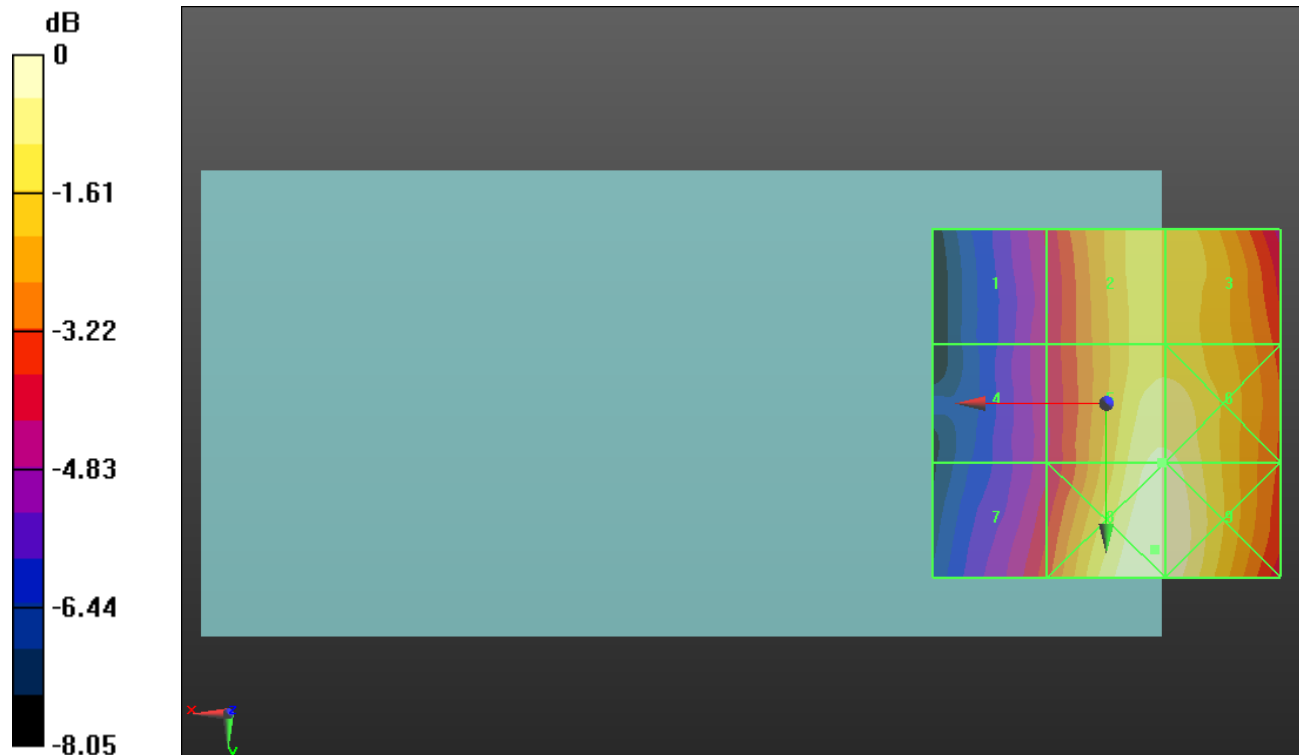
Applied MIF = 3.26 dB

RF audio interference level = 31.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.82 dBV/m	Grid 2 M4 30.73 dBV/m	Grid 3 M4 30.72 dBV/m
Grid 4 M4 27.72 dBV/m	Grid 5 M4 31.54 dBV/m	Grid 6 M4 31.53 dBV/m
Grid 7 M4 28.58 dBV/m	Grid 8 M4 31.95 dBV/m	Grid 9 M4 31.92 dBV/m



0 dB = 39.59 V/m = 31.95 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 = 33.62 V/m; Power Drift = 0.07 dB

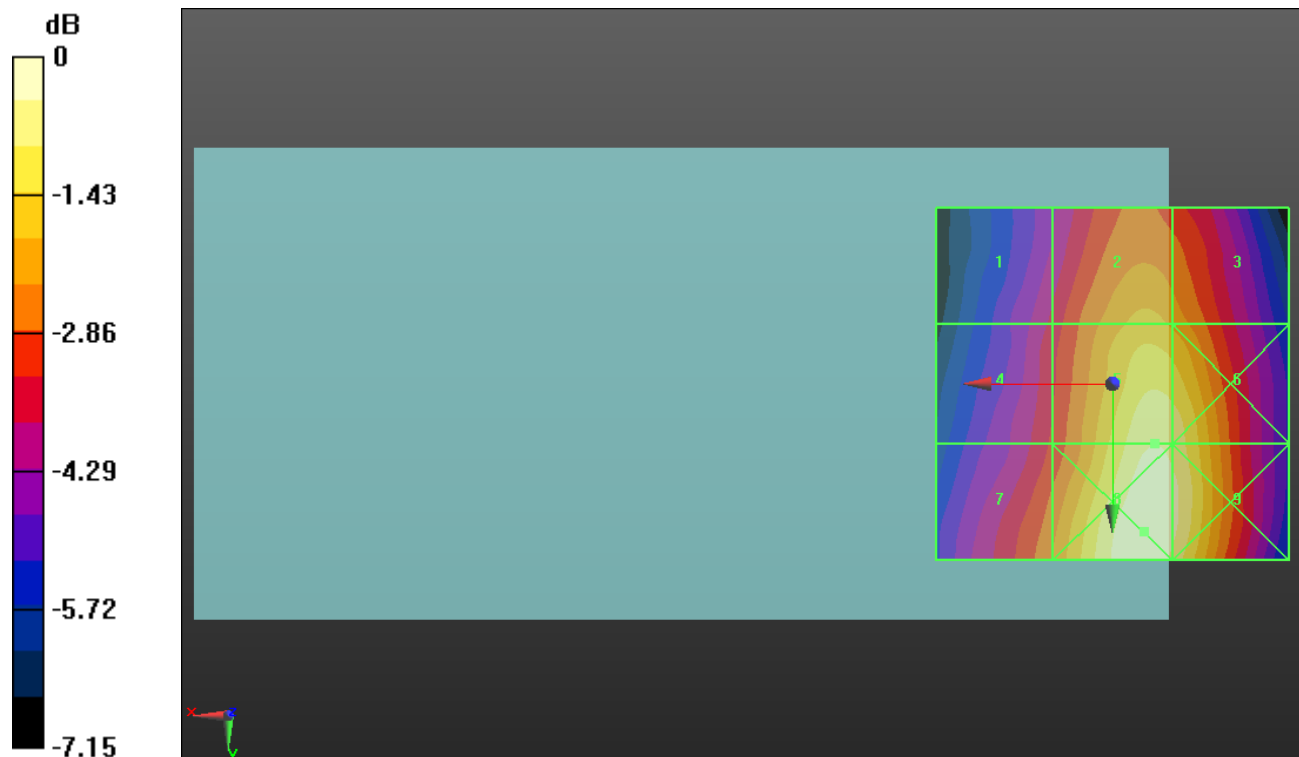
Applied MIF = 3.26 dB

RF audio interference level = 31.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.55 dBV/m	Grid 2 M4 30.47 dBV/m	Grid 3 M4 30.18 dBV/m
Grid 4 M4 28.97 dBV/m	Grid 5 M4 31.7 dBV/m	Grid 6 M4 31.57 dBV/m
Grid 7 M4 29.85 dBV/m	Grid 8 M4 32.19 dBV/m	Grid 9 M4 31.88 dBV/m



0 dB = 40.68 V/m = 32.19 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 = 35.01 V/m; Power Drift = -0.22 dB

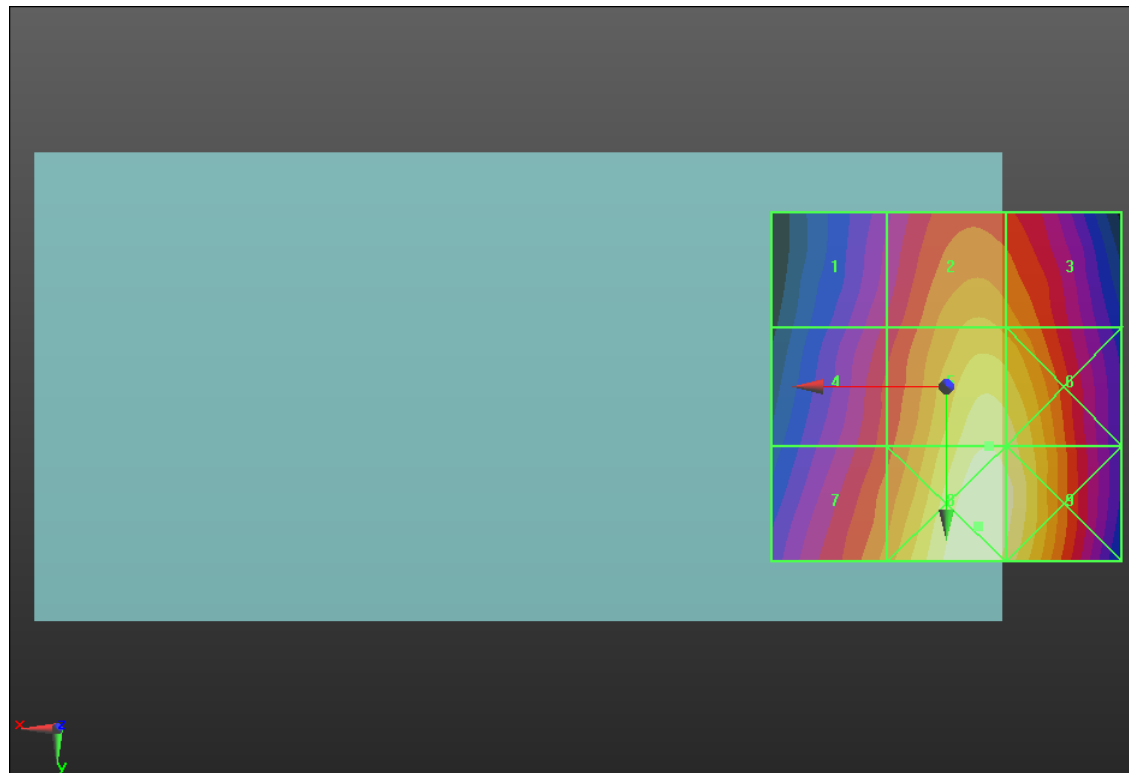
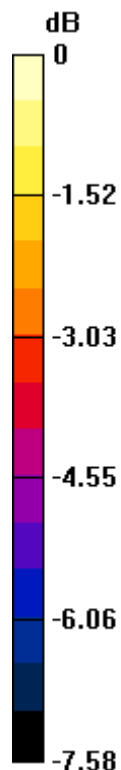
Applied MIF = 3.26 dB

RF audio interference level = 32.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.66 dBV/m	Grid 2 M4 30.66 dBV/m	Grid 3 M4 30.39 dBV/m
Grid 4 M4 29.34 dBV/m	Grid 5 M4 32.03 dBV/m	Grid 6 M4 31.84 dBV/m
Grid 7 M4 30.28 dBV/m	Grid 8 M4 32.54 dBV/m	Grid 9 M4 32.24 dBV/m



0 dB = 42.39 V/m = 32.55 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 = 12.63 V/m; Power Drift = 0.03 dB

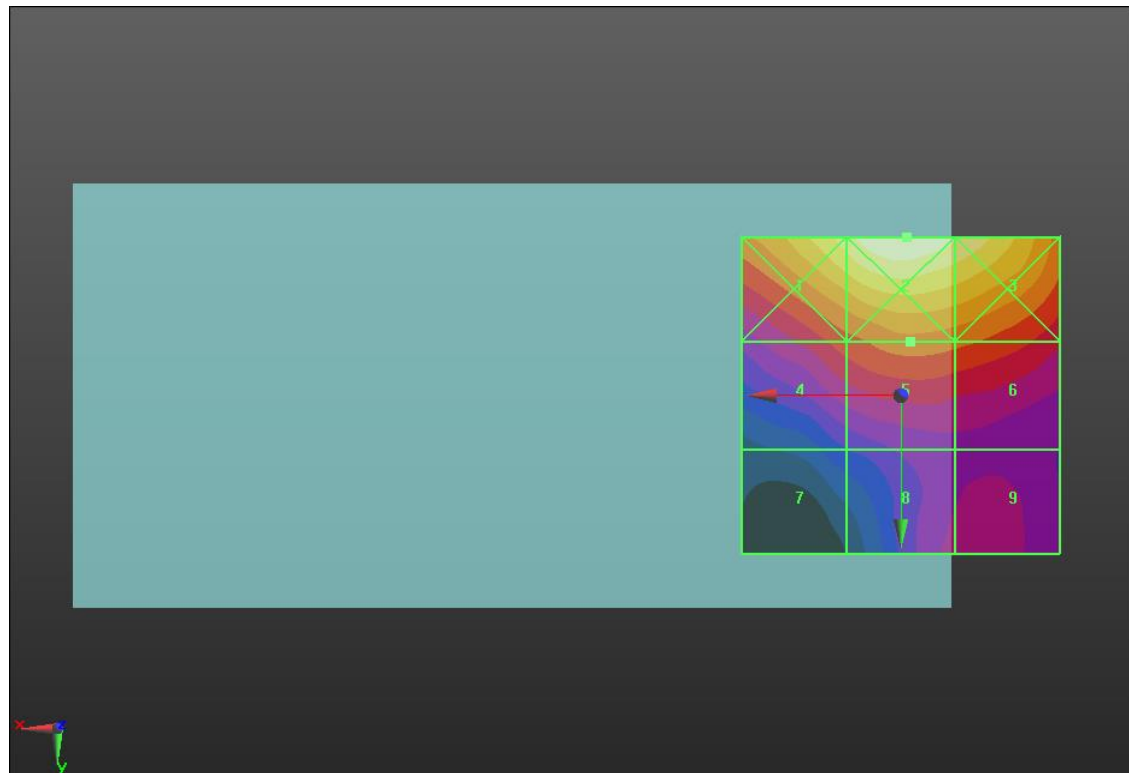
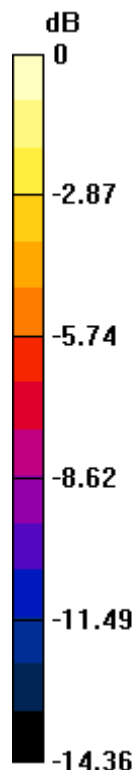
Applied MIF = 3.26 dB

RF audio interference level = 25.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.29 dBV/m	Grid 2 M3 30.63 dBV/m	Grid 3 M4 29.89 dBV/m
Grid 4 M4 24.53 dBV/m	Grid 5 M4 25.53 dBV/m	Grid 6 M4 25.22 dBV/m
Grid 7 M4 20.11 dBV/m	Grid 8 M4 22.36 dBV/m	Grid 9 M4 22.67 dBV/m



0 dB = 34.01 V/m = 30.63 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 = 12.48 V/m; Power Drift = -0.07 dB

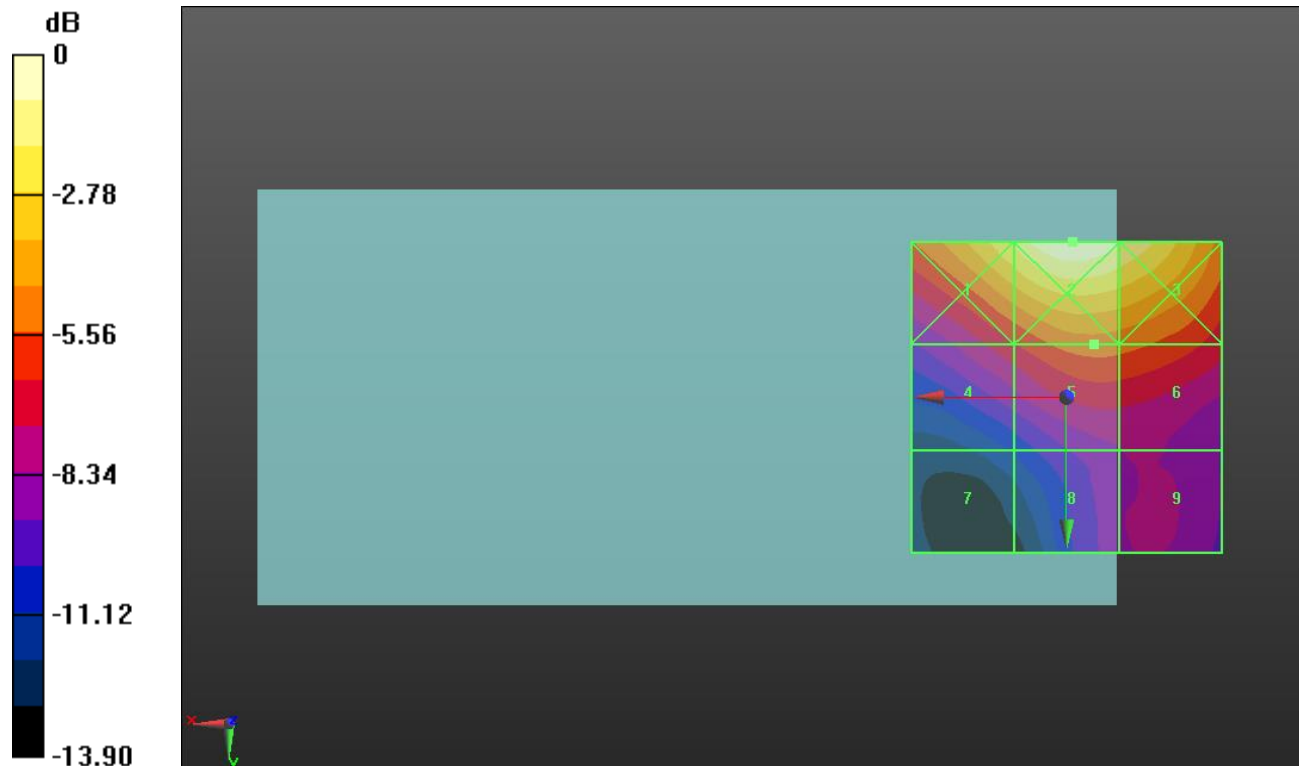
Applied MIF = 3.26 dB

RF audio interference level = 25.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.99 dBV/m	Grid 2 M3 30.67 dBV/m	Grid 3 M4 29.89 dBV/m
Grid 4 M4 24.1 dBV/m	Grid 5 M4 25.62 dBV/m	Grid 6 M4 25.48 dBV/m
Grid 7 M4 19.77 dBV/m	Grid 8 M4 22.33 dBV/m	Grid 9 M4 22.58 dBV/m



0 dB = 34.16 V/m = 30.67 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 = 11.66 V/m; Power Drift = 0.12 dB

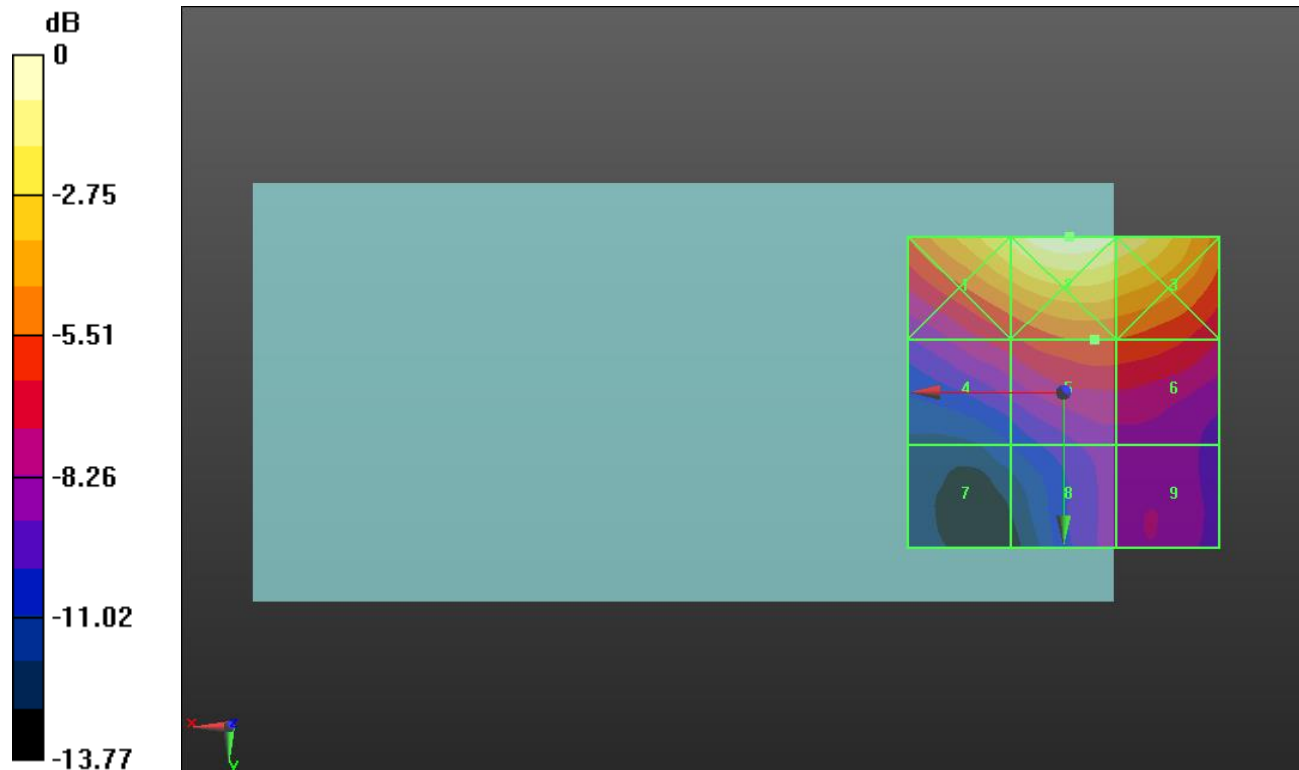
Applied MIF = 3.26 dB

RF audio interference level = 25.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.13 dBV/m	Grid 2 M3 30.59 dBV/m	Grid 3 M4 29.81 dBV/m
Grid 4 M4 23.97 dBV/m	Grid 5 M4 25.19 dBV/m	Grid 6 M4 25.09 dBV/m
Grid 7 M4 19.62 dBV/m	Grid 8 M4 22.05 dBV/m	Grid 9 M4 22.39 dBV/m



0 dB = 33.86 V/m = 30.59 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 = 29.78 V/m; Power Drift = -0.03 dB

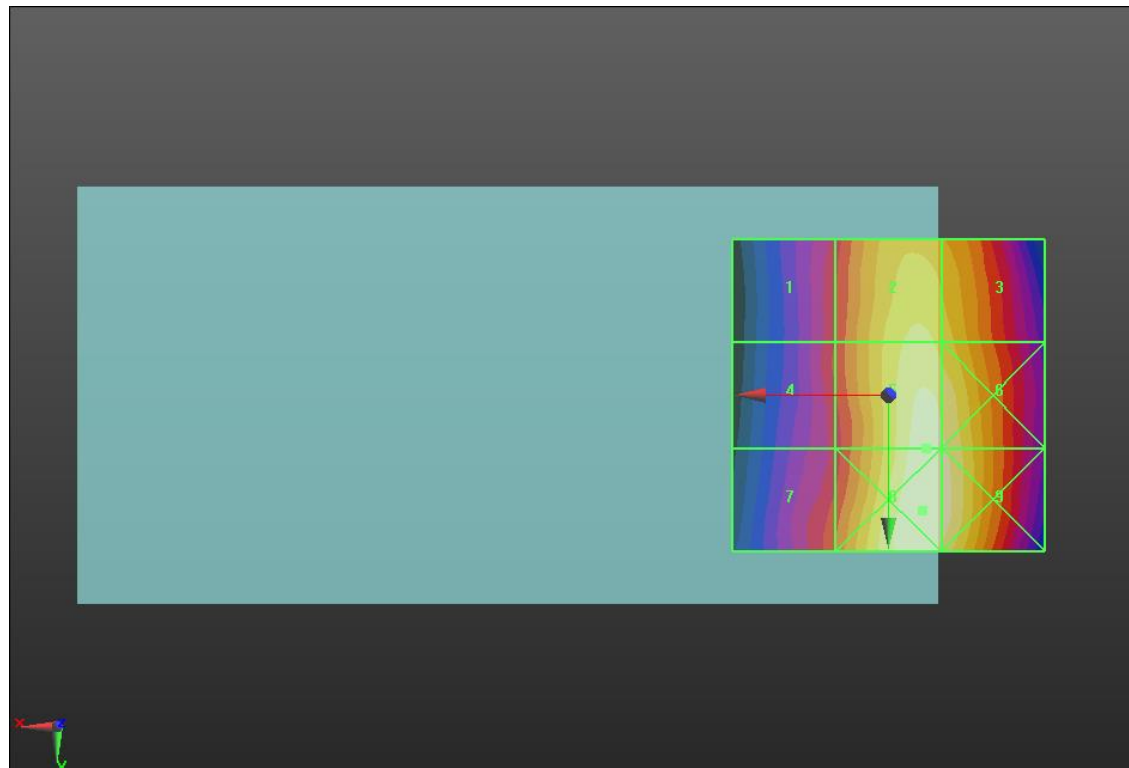
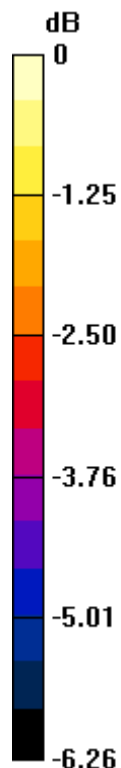
Applied MIF = 3.26 dB

RF audio interference level = 30.30 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.6 dBV/m	Grid 2 M4 29.76 dBV/m	Grid 3 M4 29.51 dBV/m
Grid 4 M4 27.69 dBV/m	Grid 5 M4 30.3 dBV/m	Grid 6 M4 30.18 dBV/m
Grid 7 M4 28 dBV/m	Grid 8 M4 30.48 dBV/m	Grid 9 M4 30.31 dBV/m



0 dB = 33.41 V/m = 30.48 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 = 29.60 V/m; Power Drift = 0.01 dB

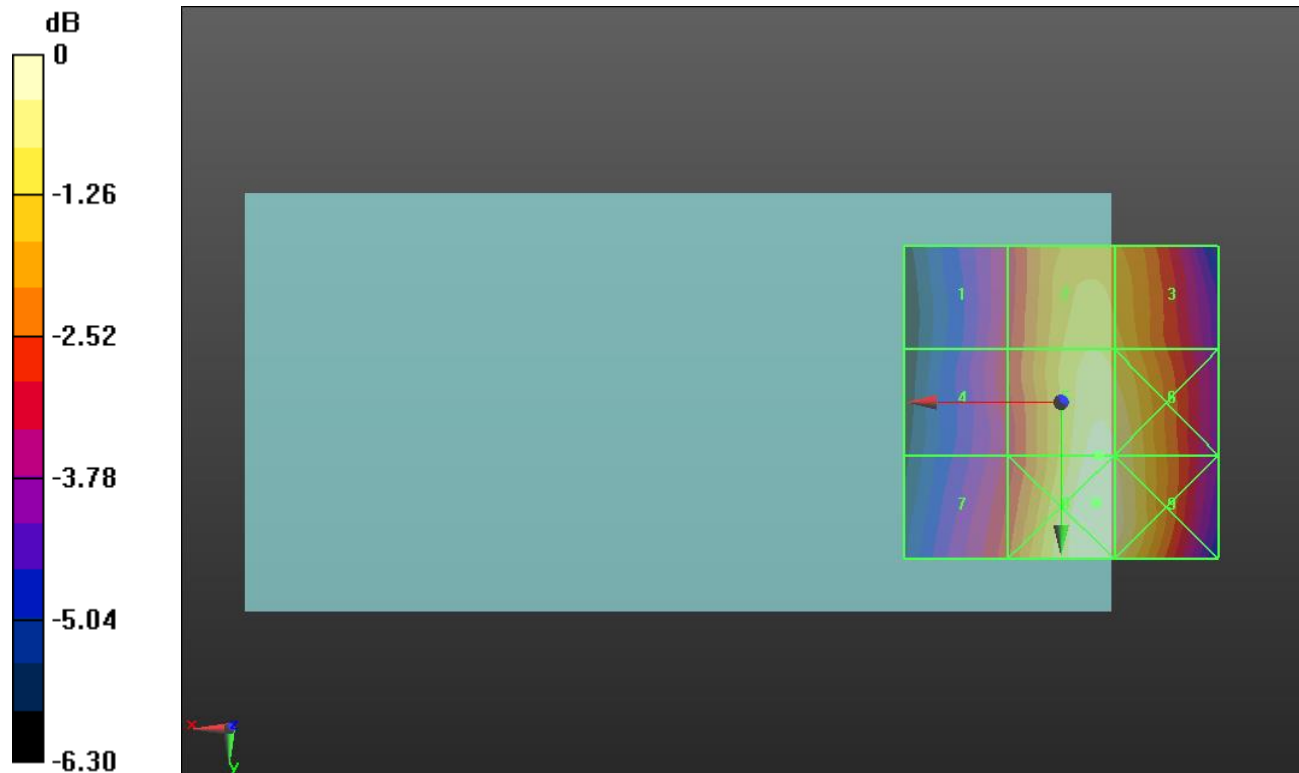
Applied MIF = 3.26 dB

RF audio interference level = 30.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.56 dBV/m	Grid 2 M4 29.76 dBV/m	Grid 3 M4 29.55 dBV/m
Grid 4 M4 27.62 dBV/m	Grid 5 M4 30.36 dBV/m	Grid 6 M4 30.21 dBV/m
Grid 7 M4 28.01 dBV/m	Grid 8 M4 30.59 dBV/m	Grid 9 M4 30.4 dBV/m



0 dB = 33.85 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 = 26.79 V/m; Power Drift = 0.06 dB

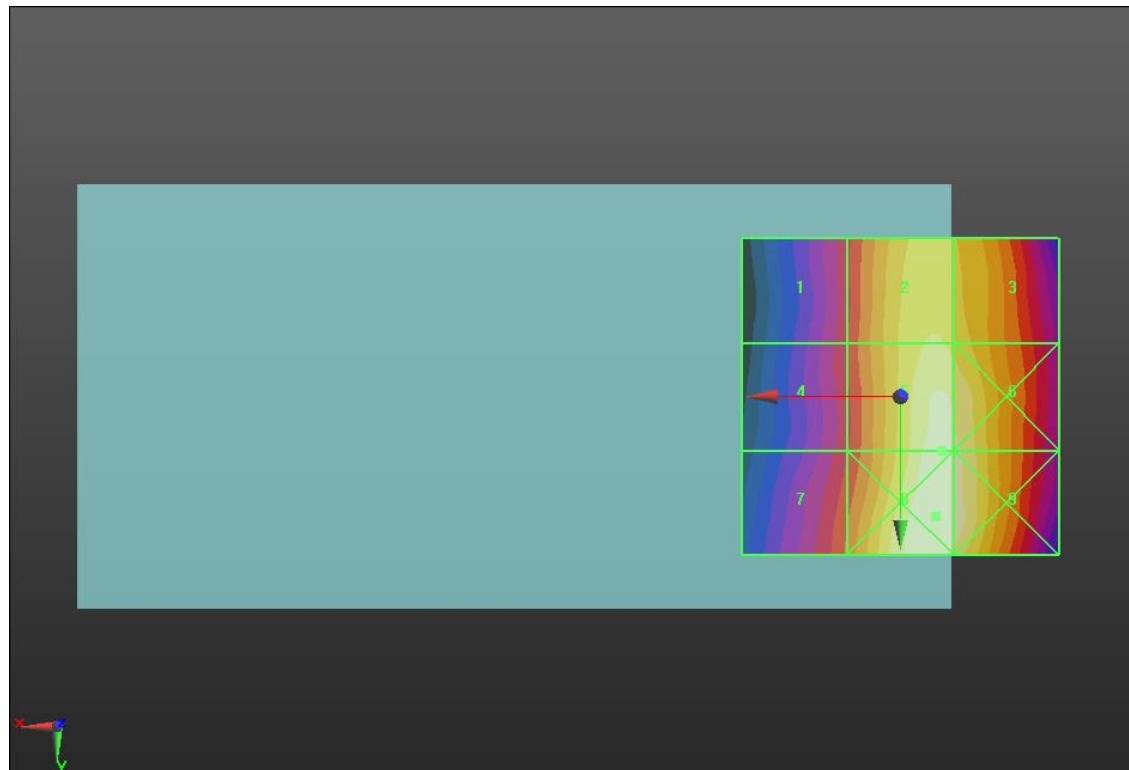
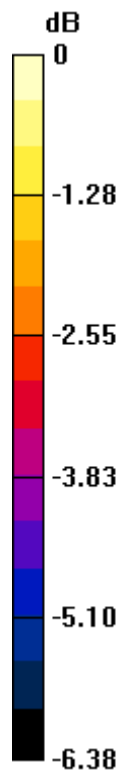
Applied MIF = 3.26 dB

RF audio interference level = 29.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.76 dBV/m	Grid 2 M4 28.94 dBV/m	Grid 3 M4 28.77 dBV/m
Grid 4 M4 26.8 dBV/m	Grid 5 M4 29.54 dBV/m	Grid 6 M4 29.43 dBV/m
Grid 7 M4 27.28 dBV/m	Grid 8 M4 29.75 dBV/m	Grid 9 M4 29.57 dBV/m



0 dB = 30.73 V/m = 29.75 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 = 60.51 V/m; Power Drift = 0.26 dB

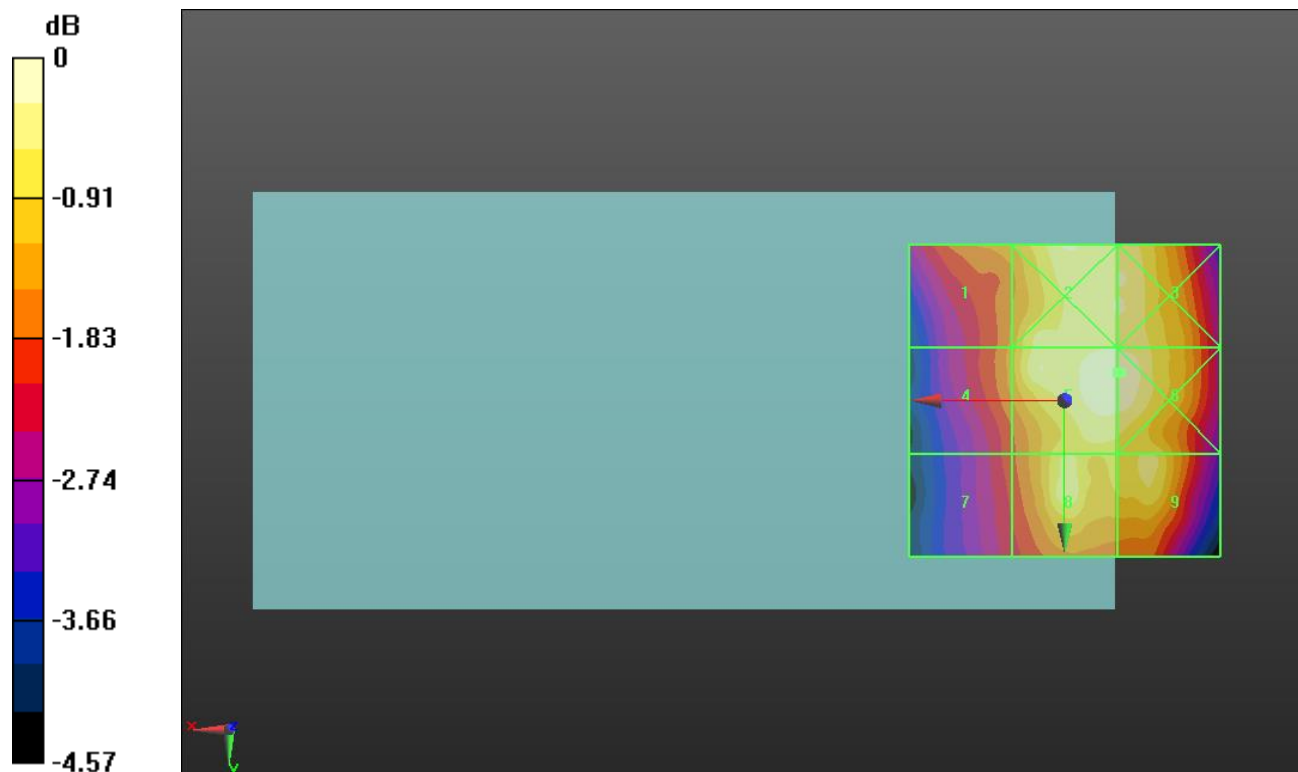
Applied MIF = 3.63 dB

RF audio interference level = 38.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.8 dBV/m	Grid 2 M4 37.78 dBV/m	Grid 3 M4 37.75 dBV/m
Grid 4 M4 36.7 dBV/m	Grid 5 M4 38.02 dBV/m	Grid 6 M4 38.03 dBV/m
Grid 7 M4 36.12 dBV/m	Grid 8 M4 37.67 dBV/m	Grid 9 M4 37.55 dBV/m



0 dB = 79.67 V/m = 38.03 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 = 57.75 V/m; Power Drift = 0.05 dB

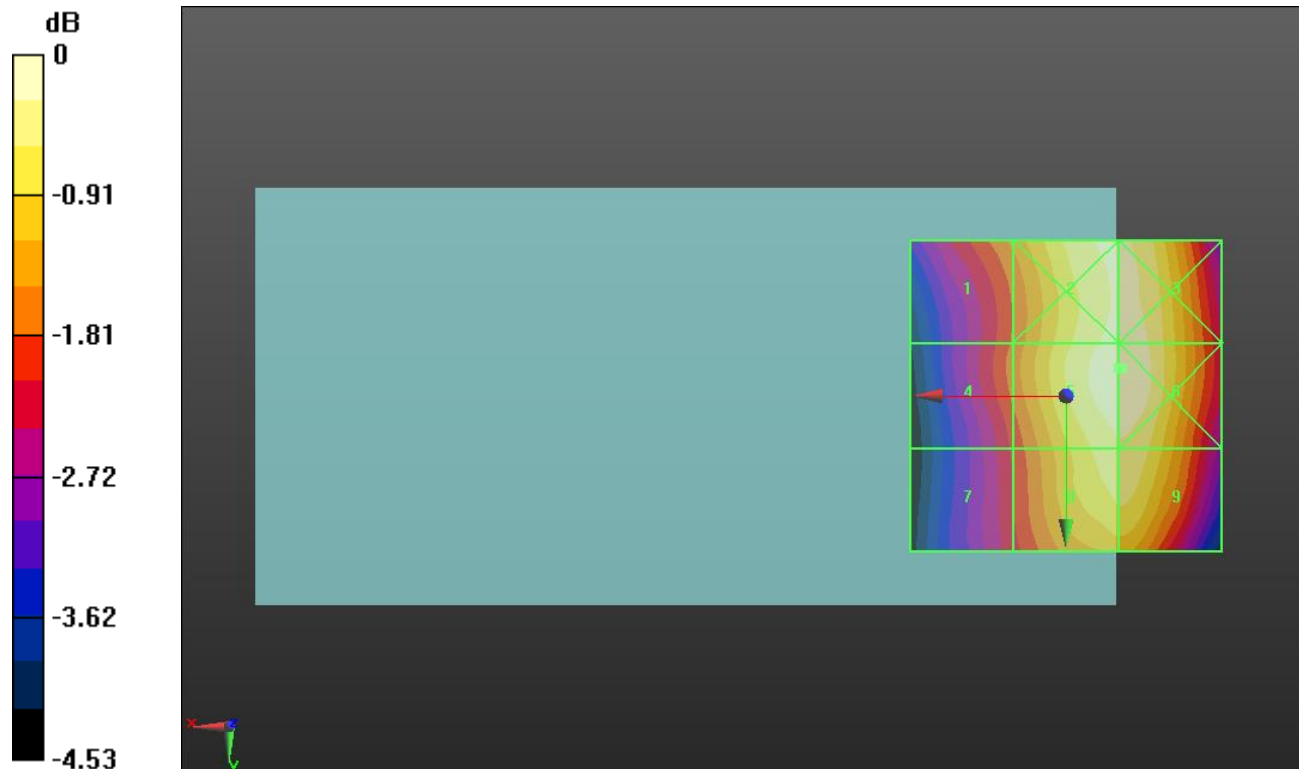
Applied MIF = 3.63 dB

RF audio interference level = 37.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.08 dBV/m	Grid 2 M4 37.36 dBV/m	Grid 3 M4 37.37 dBV/m
Grid 4 M4 35.84 dBV/m	Grid 5 M4 37.48 dBV/m	Grid 6 M4 37.49 dBV/m
Grid 7 M4 35.45 dBV/m	Grid 8 M4 37.16 dBV/m	Grid 9 M4 37.17 dBV/m



0 dB = 74.94 V/m = 37.49 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 = 54.28 V/m; Power Drift = -0.17 dB

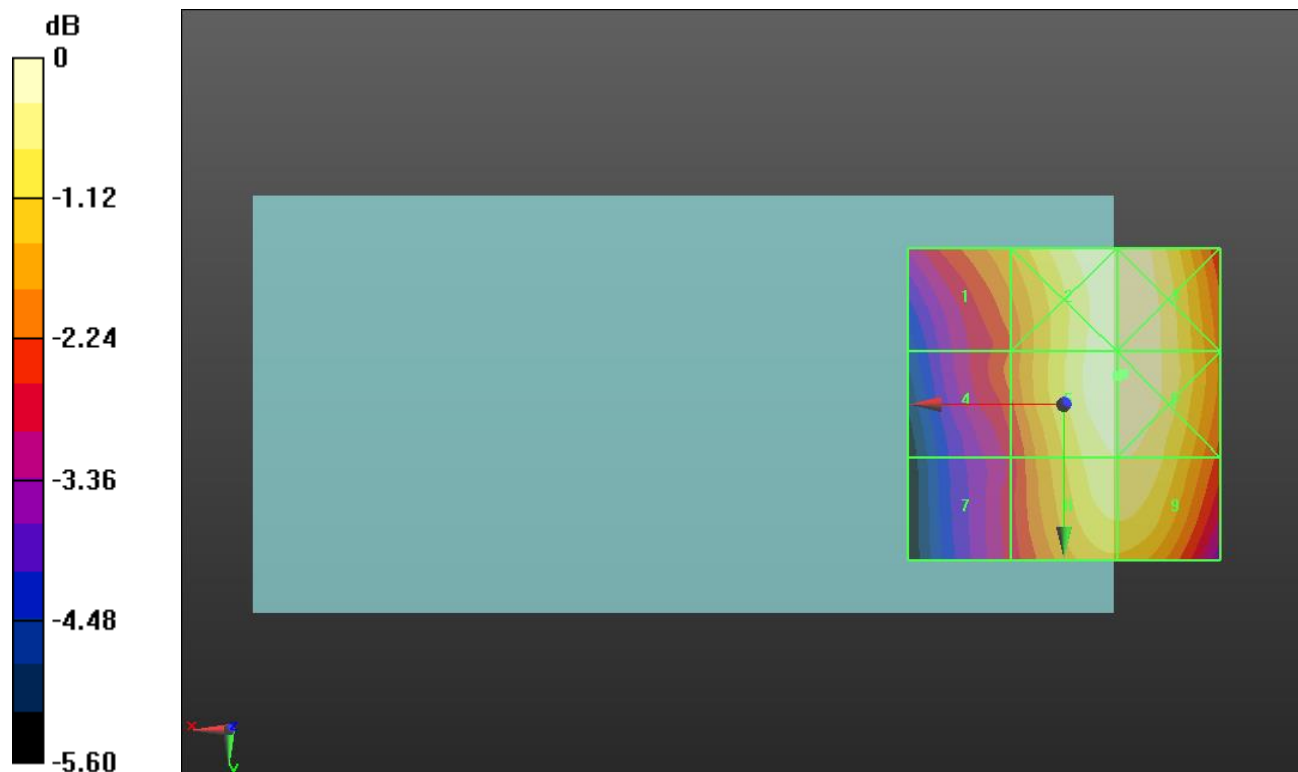
Applied MIF = 3.63 dB

RF audio interference level = 37.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.59 dBV/m	Grid 2 M4 37.01 dBV/m	Grid 3 M4 37.01 dBV/m
Grid 4 M4 34.98 dBV/m	Grid 5 M4 37.04 dBV/m	Grid 6 M4 37.05 dBV/m
Grid 7 M4 34.33 dBV/m	Grid 8 M4 36.68 dBV/m	Grid 9 M4 36.69 dBV/m



0 dB = 71.18 V/m = 37.05 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 = 17.73 V/m; Power Drift = 0.19 dB

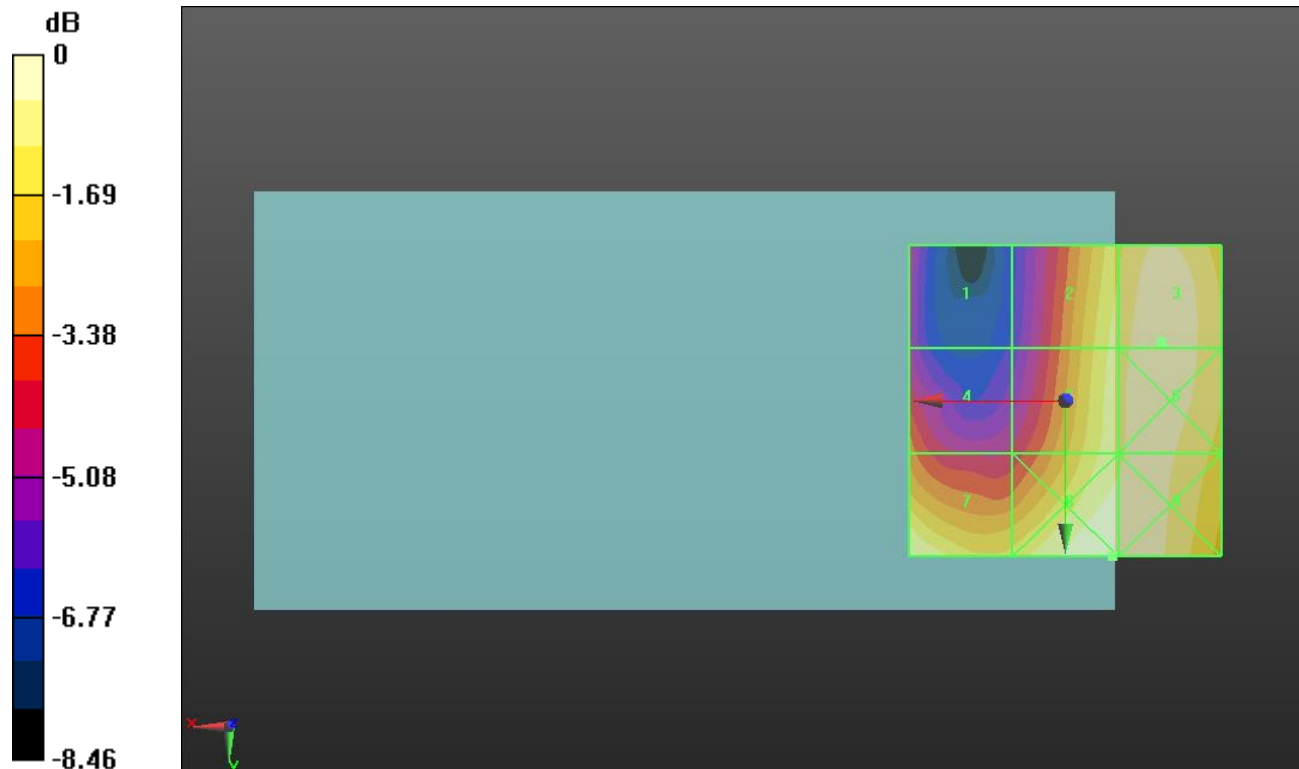
Applied MIF = 3.63 dB

RF audio interference level = 30.27 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.85 dBV/m	Grid 2 M4 29.66 dBV/m	Grid 3 M3 30.27 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M4 29.83 dBV/m	Grid 6 M3 30.27 dBV/m
Grid 7 M3 30.13 dBV/m	Grid 8 M3 30.49 dBV/m	Grid 9 M3 30.48 dBV/m



0 dB = 33.44 V/m = 30.49 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 = 19.77 V/m; Power Drift = -0.07 dB

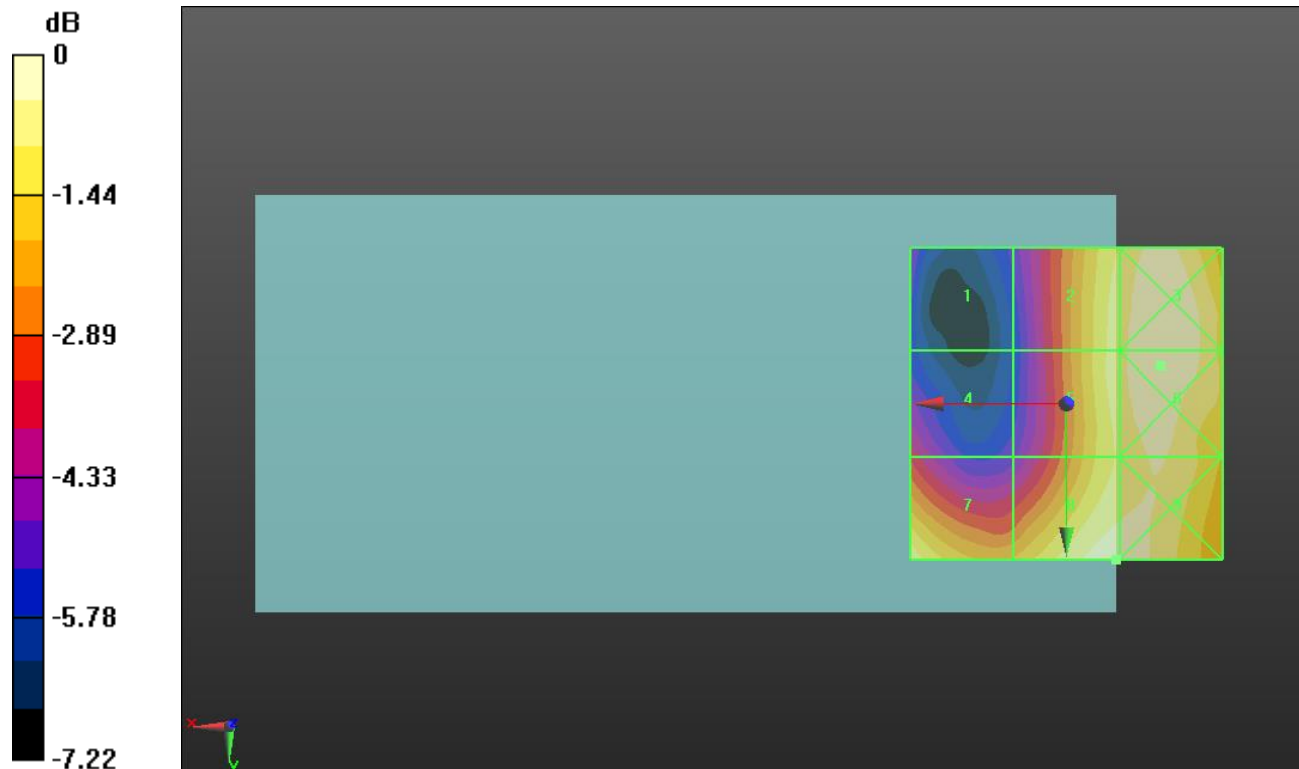
Applied MIF = 3.63 dB

RF audio interference level = 30.63 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.37 dBV/m	Grid 2 M3 30.19 dBV/m	Grid 3 M3 30.82 dBV/m
Grid 4 M4 27.38 dBV/m	Grid 5 M3 30.21 dBV/m	Grid 6 M3 30.84 dBV/m
Grid 7 M3 30.26 dBV/m	Grid 8 M3 30.63 dBV/m	Grid 9 M3 30.62 dBV/m



0 dB = 34.82 V/m = 30.84 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 = 18.19 V/m; Power Drift = -0.39 dB

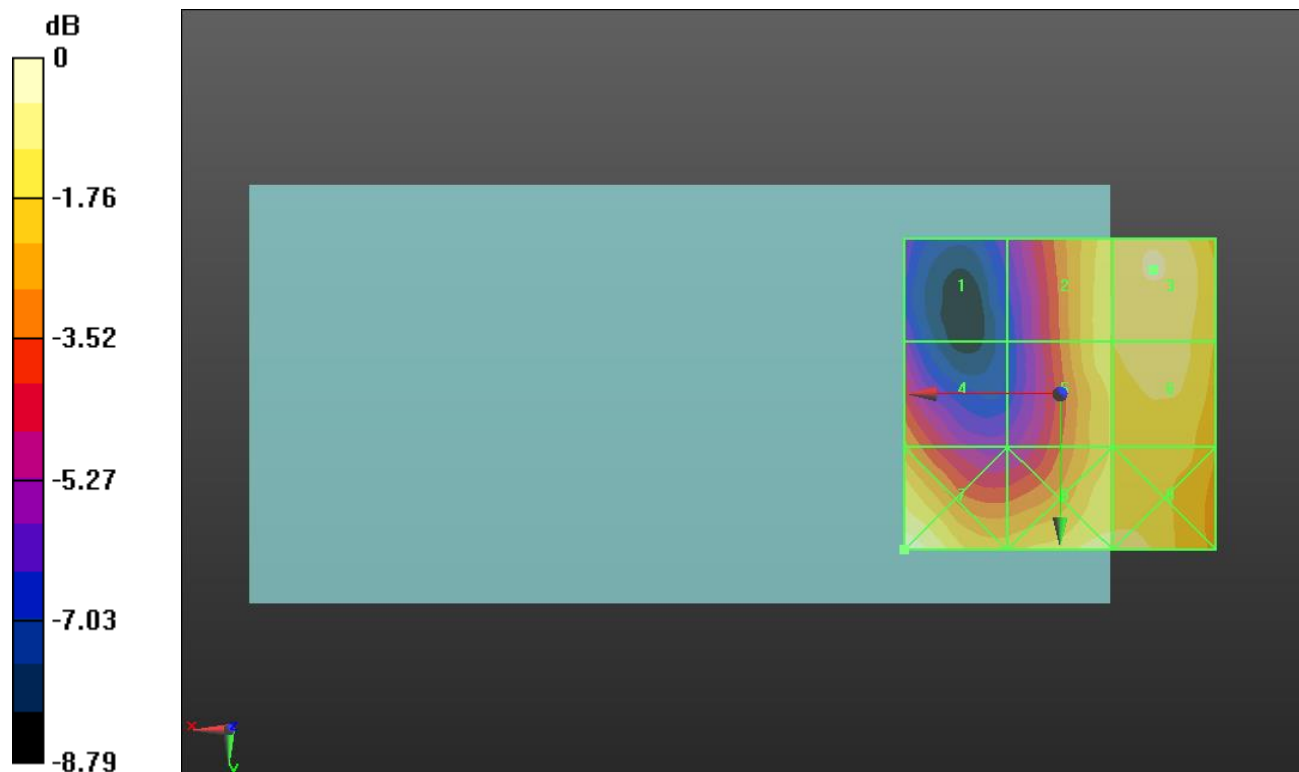
Applied MIF = 3.63 dB

RF audio interference level = 30.74 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.7 dBV/m	Grid 2 M3 30.16 dBV/m	Grid 3 M3 30.74 dBV/m
Grid 4 M4 28.58 dBV/m	Grid 5 M3 30.1 dBV/m	Grid 6 M3 30.41 dBV/m
Grid 7 M3 31.24 dBV/m	Grid 8 M3 30.34 dBV/m	Grid 9 M3 30.33 dBV/m



0 dB = 36.48 V/m = 31.24 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 = 24.16 V/m; Power Drift = -0.29 dB

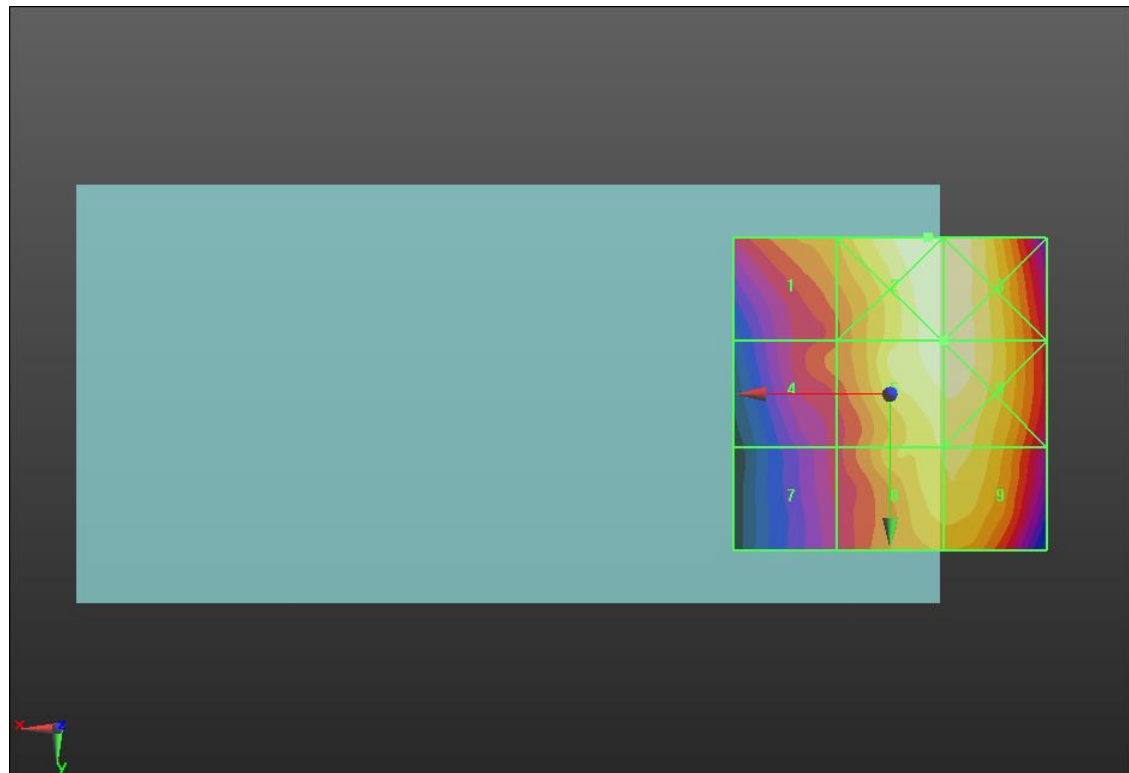
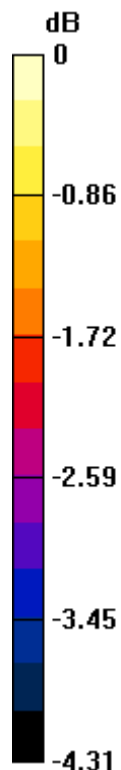
Applied MIF = 3.26 dB

RF audio interference level = 29.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.46 dBV/m	Grid 2 M4 29.64 dBV/m	Grid 3 M4 29.6 dBV/m
Grid 4 M4 28.07 dBV/m	Grid 5 M4 29.5 dBV/m	Grid 6 M4 29.51 dBV/m
Grid 7 M4 27.51 dBV/m	Grid 8 M4 29.11 dBV/m	Grid 9 M4 29.15 dBV/m



0 dB = 30.33 V/m = 29.64 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 = 19.84 V/m; Power Drift = -0.15 dB

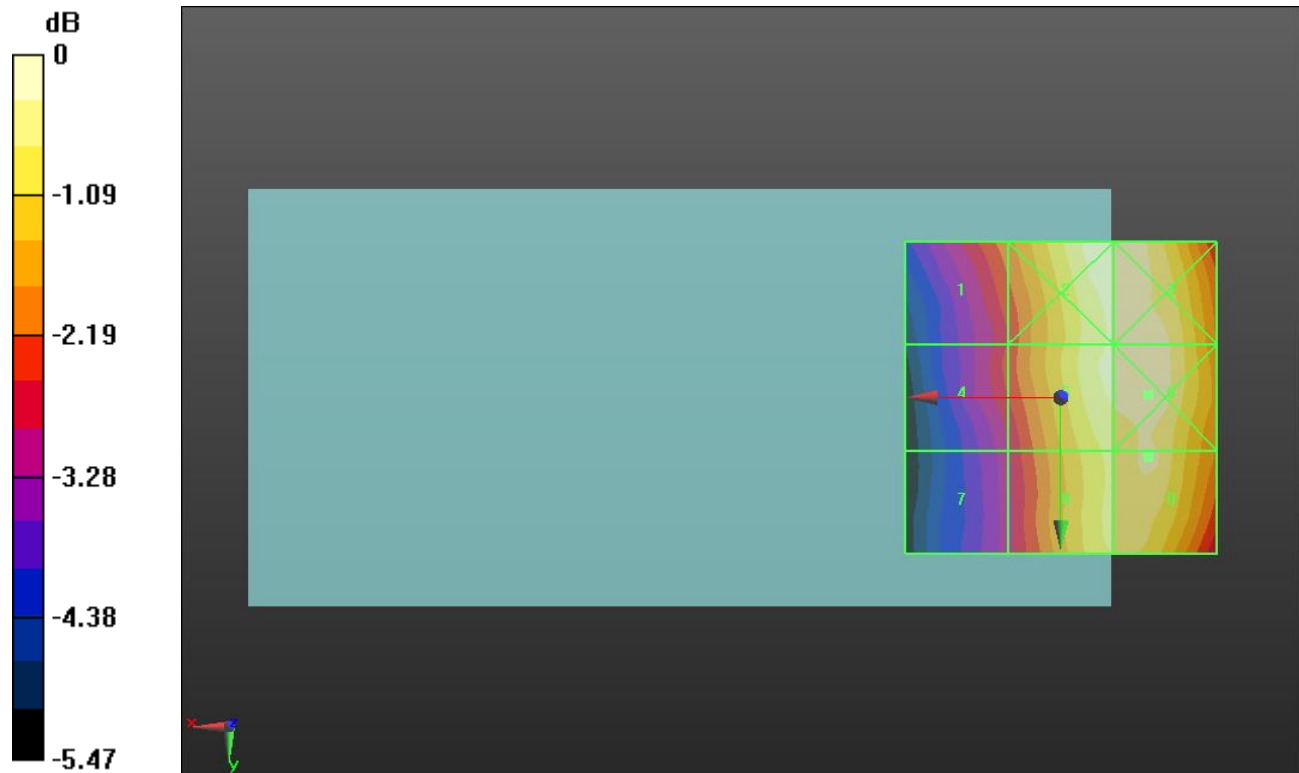
Applied MIF = 3.26 dB

RF audio interference level = 28.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.92 dBV/m	Grid 2 M4 28.72 dBV/m	Grid 3 M4 28.75 dBV/m
Grid 4 M4 26.45 dBV/m	Grid 5 M4 28.58 dBV/m	Grid 6 M4 28.85 dBV/m
Grid 7 M4 25.89 dBV/m	Grid 8 M4 28.36 dBV/m	Grid 9 M4 28.58 dBV/m



0 dB = 27.70 V/m = 28.85 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 = 16.85 V/m; Power Drift = -0.13 dB

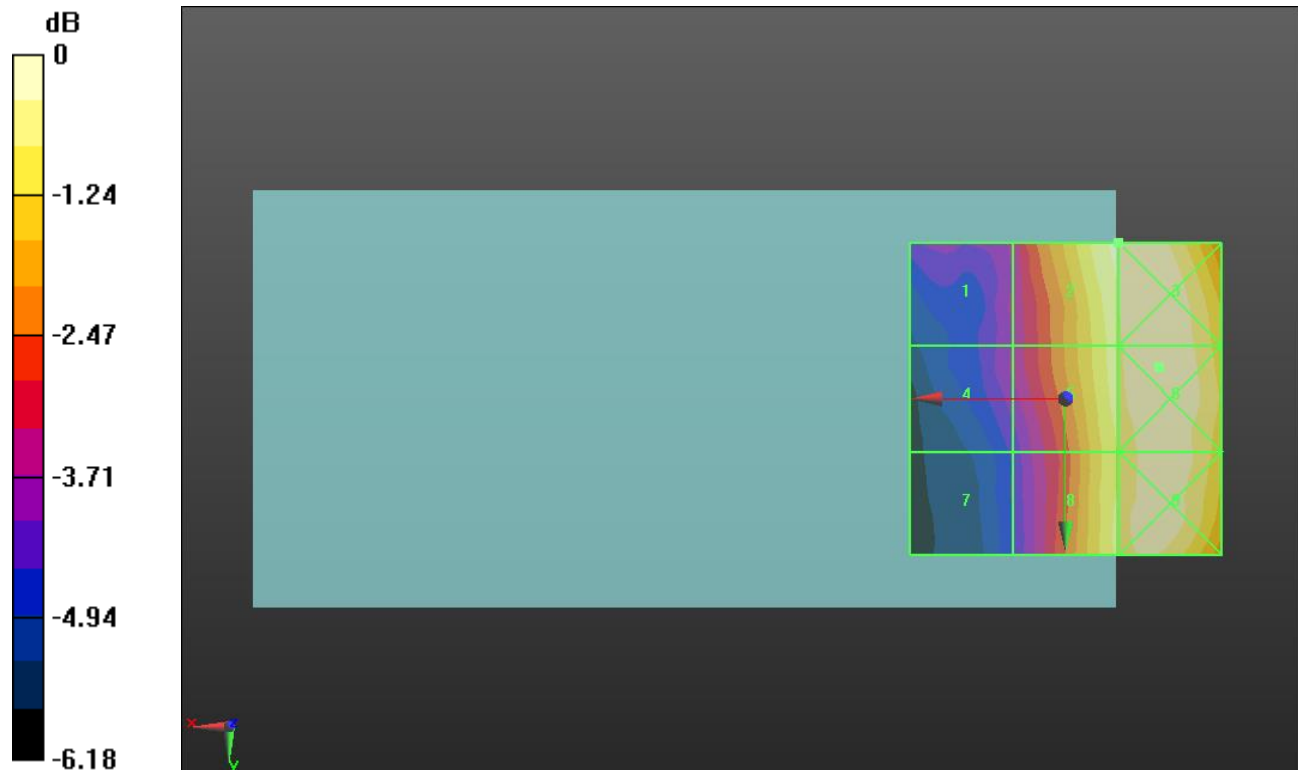
Applied MIF = 3.26 dB

RF audio interference level = 27.68 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.41 dBV/m	Grid 2 M4 27.68 dBV/m	Grid 3 M4 27.92 dBV/m
Grid 4 M4 24.33 dBV/m	Grid 5 M4 27.45 dBV/m	Grid 6 M4 27.93 dBV/m
Grid 7 M4 23.52 dBV/m	Grid 8 M4 27.27 dBV/m	Grid 9 M4 27.85 dBV/m



0 dB = 24.92 V/m = 27.93 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 = 10.40 V/m; Power Drift = 0.13 dB

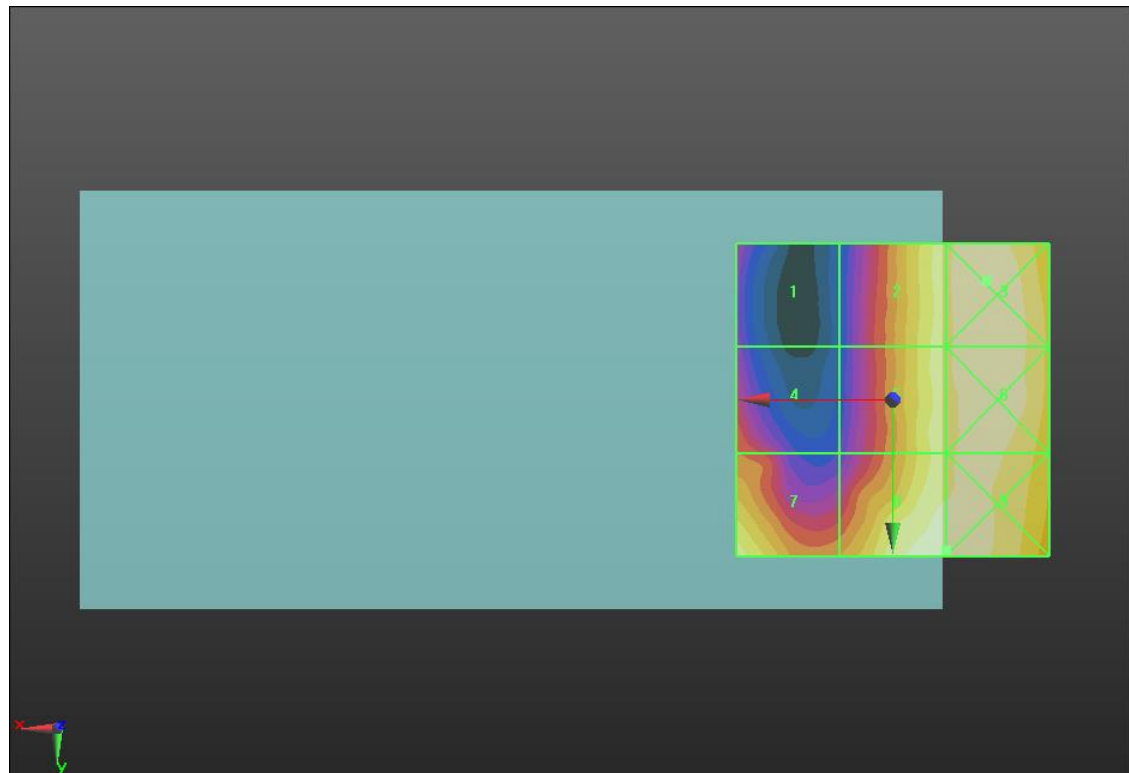
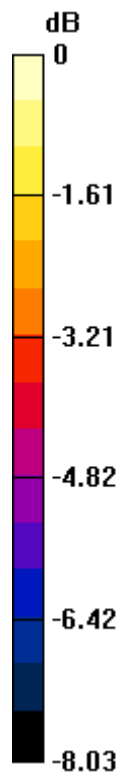
Applied MIF = 3.26 dB

RF audio interference level = 25.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.2 dBV/m	Grid 2 M4 25.12 dBV/m	Grid 3 M4 25.78 dBV/m
Grid 4 M4 22.63 dBV/m	Grid 5 M4 25.12 dBV/m	Grid 6 M4 25.73 dBV/m
Grid 7 M4 25.04 dBV/m	Grid 8 M4 25.58 dBV/m	Grid 9 M4 25.63 dBV/m



0 dB = 19.46 V/m = 25.78 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 = 10.26 V/m; Power Drift = 0.20 dB

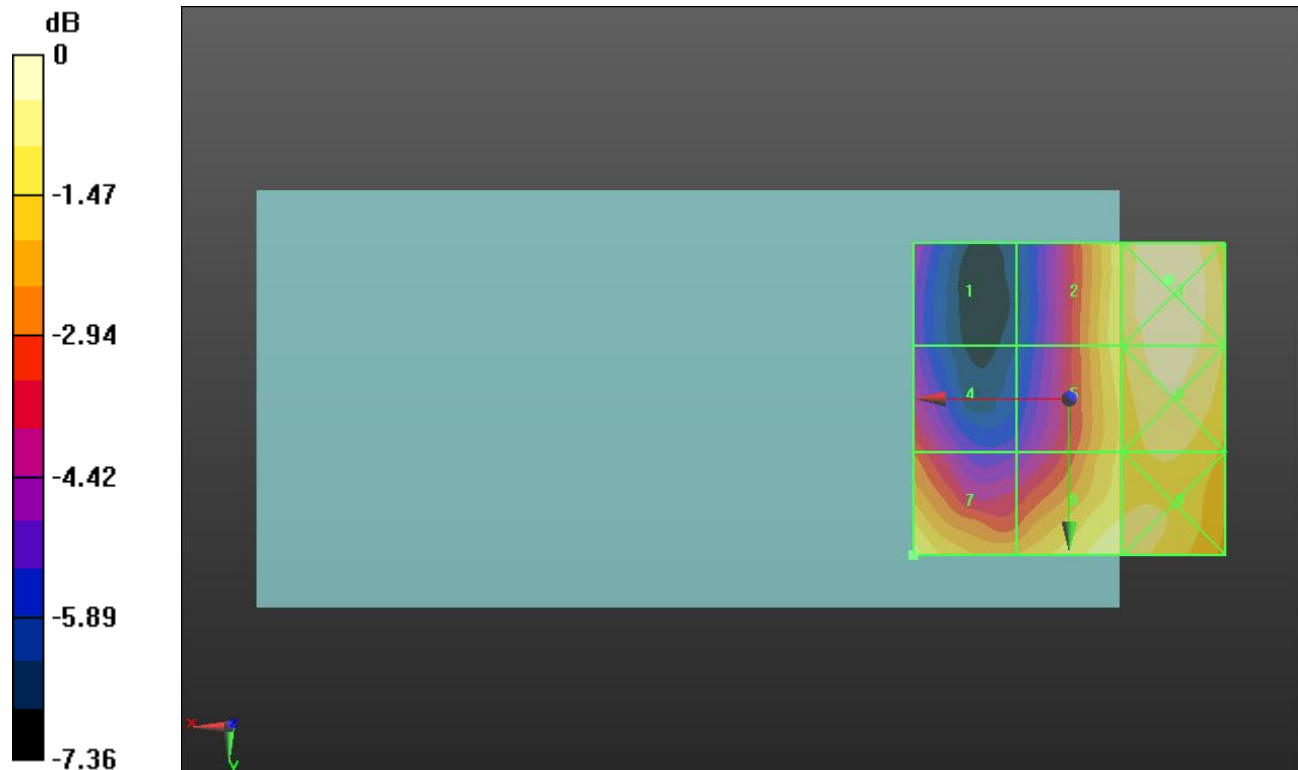
Applied MIF = 3.26 dB

RF audio interference level = 25.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.1 dBV/m	Grid 2 M4 25.32 dBV/m	Grid 3 M4 26.23 dBV/m
Grid 4 M4 23.32 dBV/m	Grid 5 M4 25.19 dBV/m	Grid 6 M4 26.01 dBV/m
Grid 7 M4 25.56 dBV/m	Grid 8 M4 25.47 dBV/m	Grid 9 M4 25.47 dBV/m



0 dB = 20.50 V/m = 26.24 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 = 9.573 V/m; Power Drift = 0.17 dB

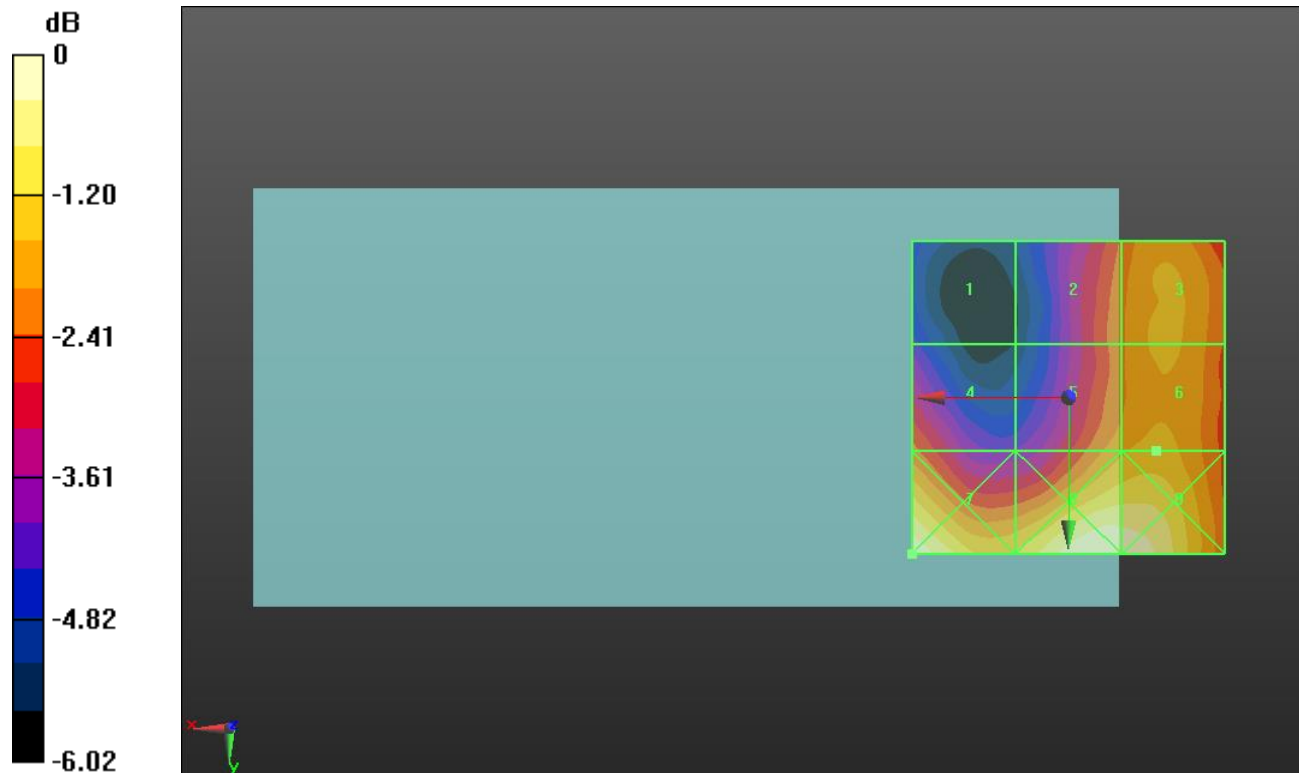
Applied MIF = 3.26 dB

RF audio interference level = 24.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.32 dBV/m	Grid 2 M4 23.44 dBV/m	Grid 3 M4 24.04 dBV/m
Grid 4 M4 23.28 dBV/m	Grid 5 M4 23.82 dBV/m	Grid 6 M4 24.07 dBV/m
Grid 7 M4 25.5 dBV/m	Grid 8 M4 25.46 dBV/m	Grid 9 M4 25.43 dBV/m



0 dB = 18.84 V/m = 25.50 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 = 16.77 V/m; Power Drift = -0.17 dB

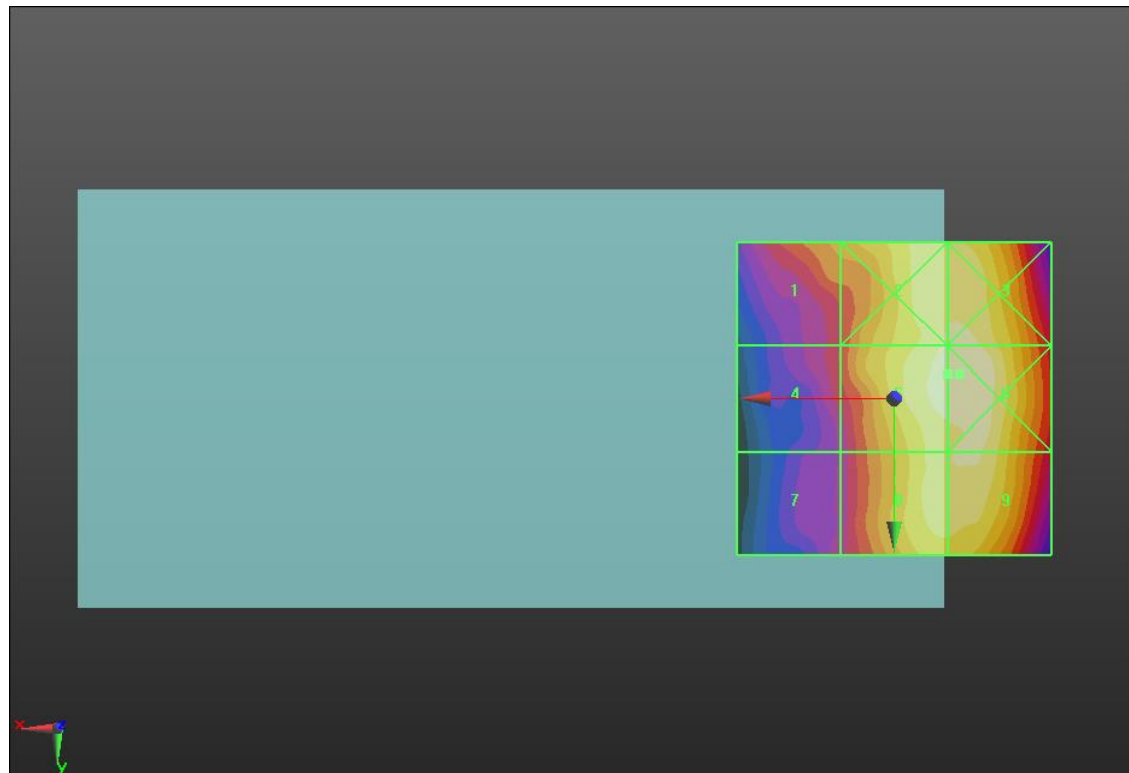
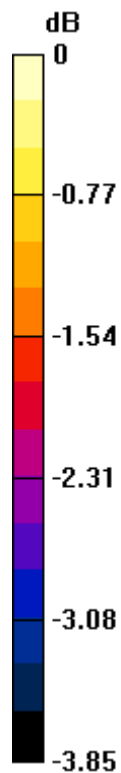
Applied MIF = 3.26 dB

RF audio interference level = 26.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.36 dBV/m	Grid 2 M4 26.33 dBV/m	Grid 3 M4 26.37 dBV/m
Grid 4 M4 24.79 dBV/m	Grid 5 M4 26.47 dBV/m	Grid 6 M4 26.52 dBV/m
Grid 7 M4 24.4 dBV/m	Grid 8 M4 26.23 dBV/m	Grid 9 M4 26.3 dBV/m



0 dB = 21.18 V/m = 26.52 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 = 16.31 V/m; Power Drift = -0.02 dB

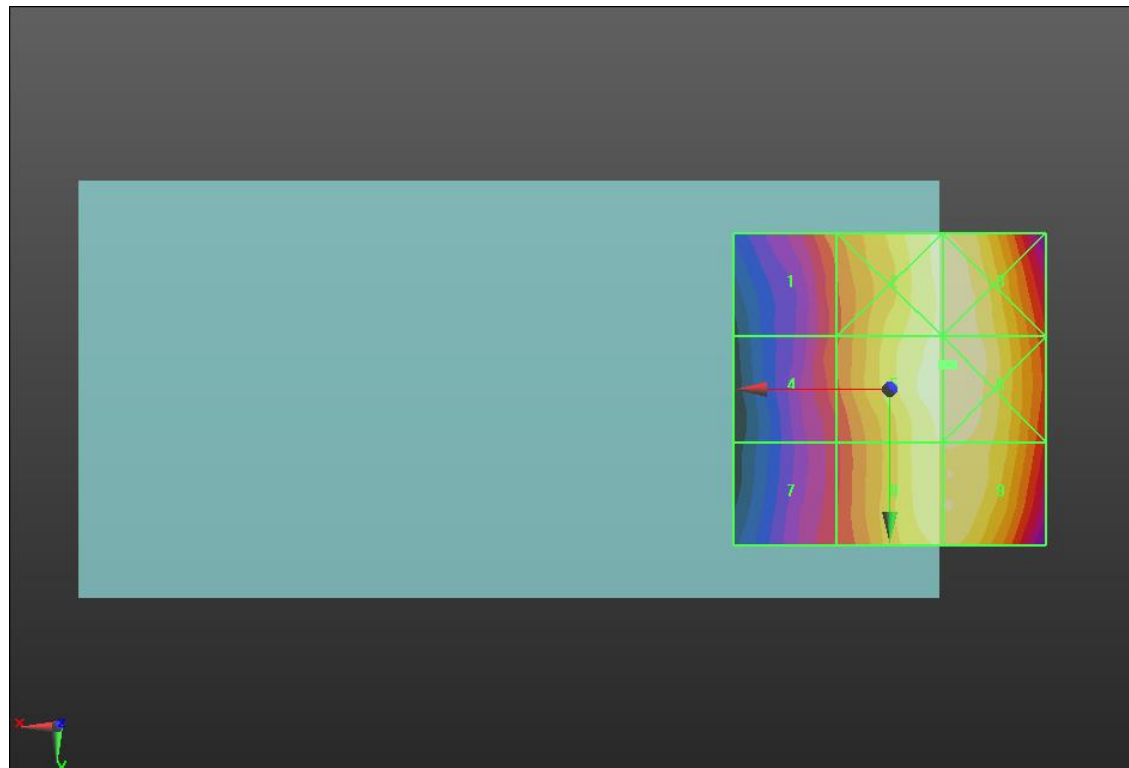
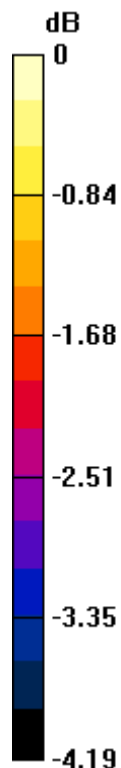
Applied MIF = 3.26 dB

RF audio interference level = 26.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.19 dBV/m	Grid 2 M4 26.47 dBV/m	Grid 3 M4 26.5 dBV/m
Grid 4 M4 24.97 dBV/m	Grid 5 M4 26.58 dBV/m	Grid 6 M4 26.62 dBV/m
Grid 7 M4 24.71 dBV/m	Grid 8 M4 26.35 dBV/m	Grid 9 M4 26.36 dBV/m



0 dB = 21.42 V/m = 26.62 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 = 17.55 V/m; Power Drift = 0.40 dB

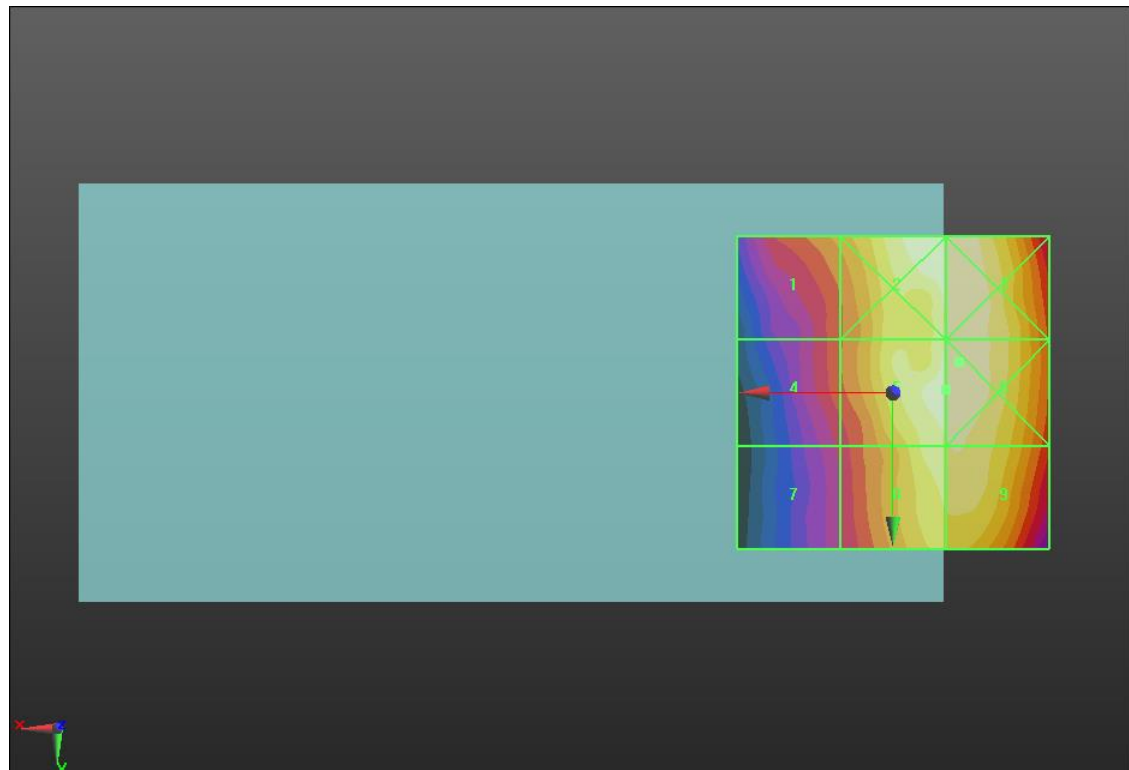
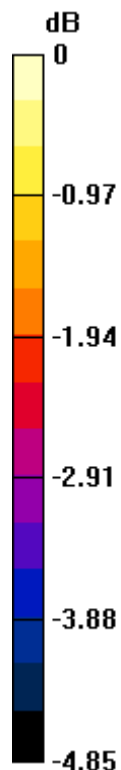
Applied MIF = 3.26 dB

RF audio interference level = 27.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.13 dBV/m	Grid 2 M4 27.57 dBV/m	Grid 3 M4 27.57 dBV/m
Grid 4 M4 25.65 dBV/m	Grid 5 M4 27.48 dBV/m	Grid 6 M4 27.61 dBV/m
Grid 7 M4 25.14 dBV/m	Grid 8 M4 27.27 dBV/m	Grid 9 M4 27.3 dBV/m



0 dB = 24.02 V/m = 27.61 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 = 15.80 V/m; Power Drift = -0.20 dB

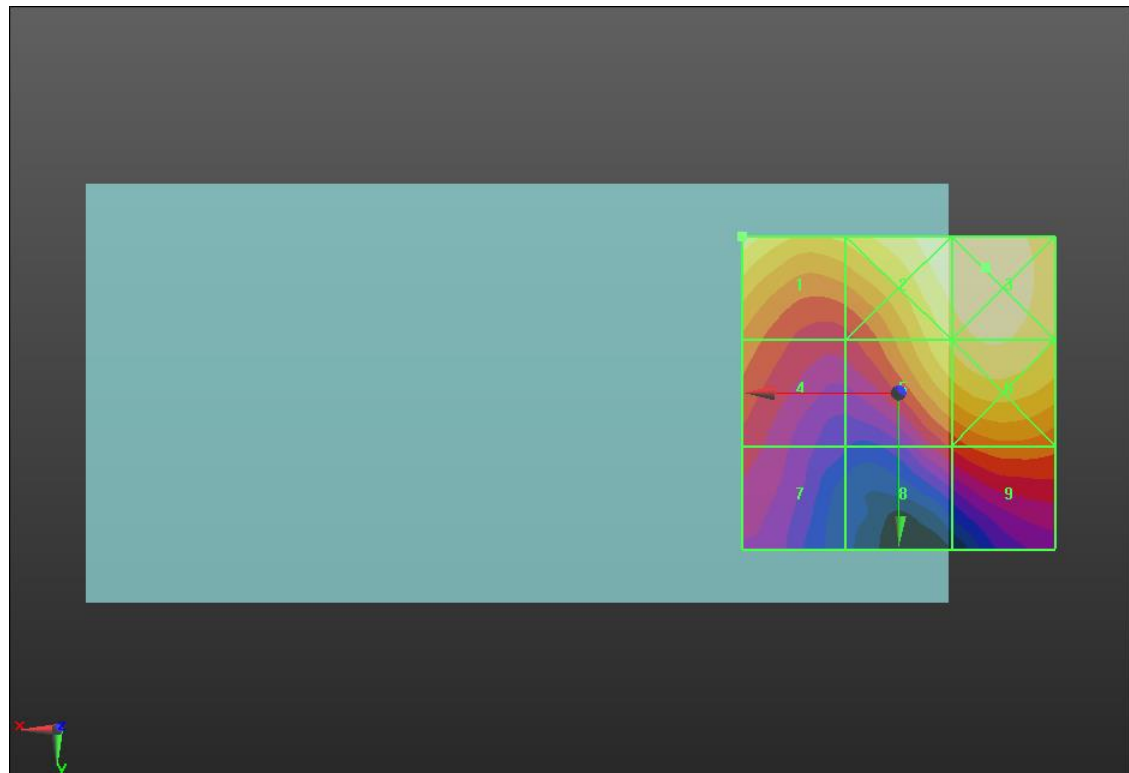
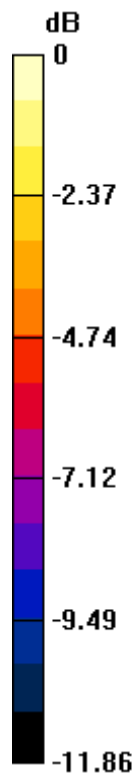
Applied MIF = -1.44 dB

RF audio interference level = 25.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.59 dBV/m	Grid 2 M4 26.36 dBV/m	Grid 3 M4 26.57 dBV/m
Grid 4 M4 22.5 dBV/m	Grid 5 M4 25.2 dBV/m	Grid 6 M4 25.87 dBV/m
Grid 7 M4 20.72 dBV/m	Grid 8 M4 21.25 dBV/m	Grid 9 M4 22.42 dBV/m



0 dB = 21.31 V/m = 26.57 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 = 11.40 V/m; Power Drift = 0.47 dB

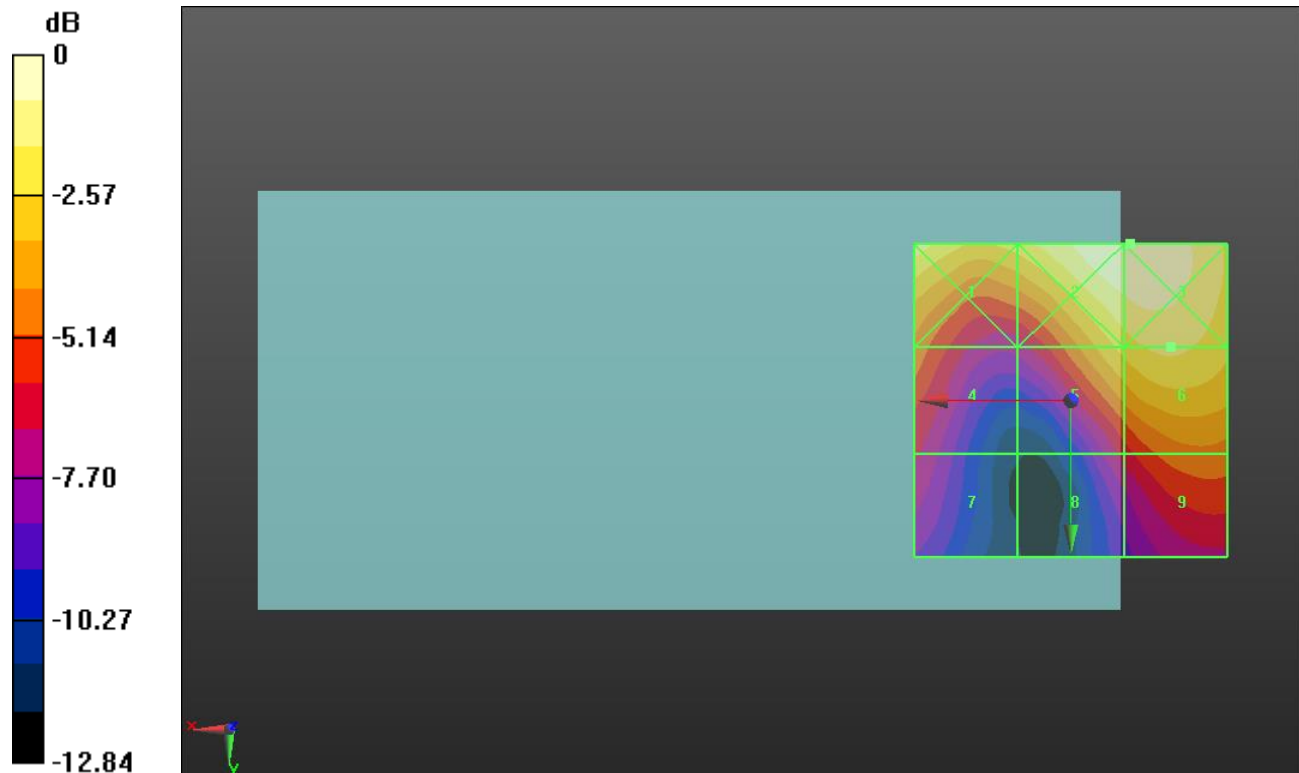
Applied MIF = -1.44 dB

RF audio interference level = 25.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.5 dBV/m	Grid 2 M4 26.59 dBV/m	Grid 3 M4 26.6 dBV/m
Grid 4 M4 22.08 dBV/m	Grid 5 M4 24.36 dBV/m	Grid 6 M4 25.06 dBV/m
Grid 7 M4 19.93 dBV/m	Grid 8 M4 20.16 dBV/m	Grid 9 M4 22.12 dBV/m



0 dB = 21.37 V/m = 26.60 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 = 12.15 V/m; Power Drift = 0.02 dB

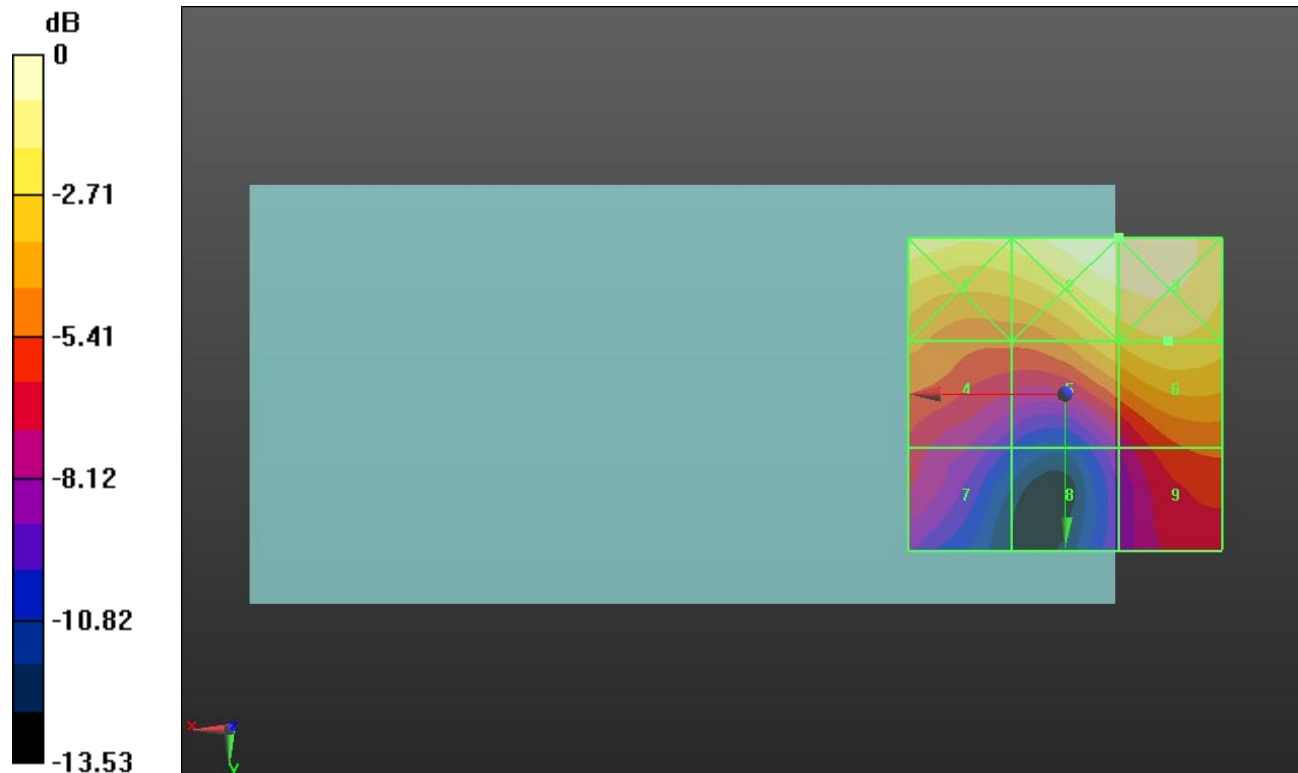
Applied MIF = -1.44 dB

RF audio interference level = 25.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.1 dBV/m	Grid 2 M4 27.02 dBV/m	Grid 3 M4 27.02 dBV/m
Grid 4 M4 22.86 dBV/m	Grid 5 M4 24.43 dBV/m	Grid 6 M4 25.15 dBV/m
Grid 7 M4 20.51 dBV/m	Grid 8 M4 19.02 dBV/m	Grid 9 M4 21.86 dBV/m



0 dB = 22.45 V/m = 27.02 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 = 10.55 V/m; Power Drift = 0.77 dB

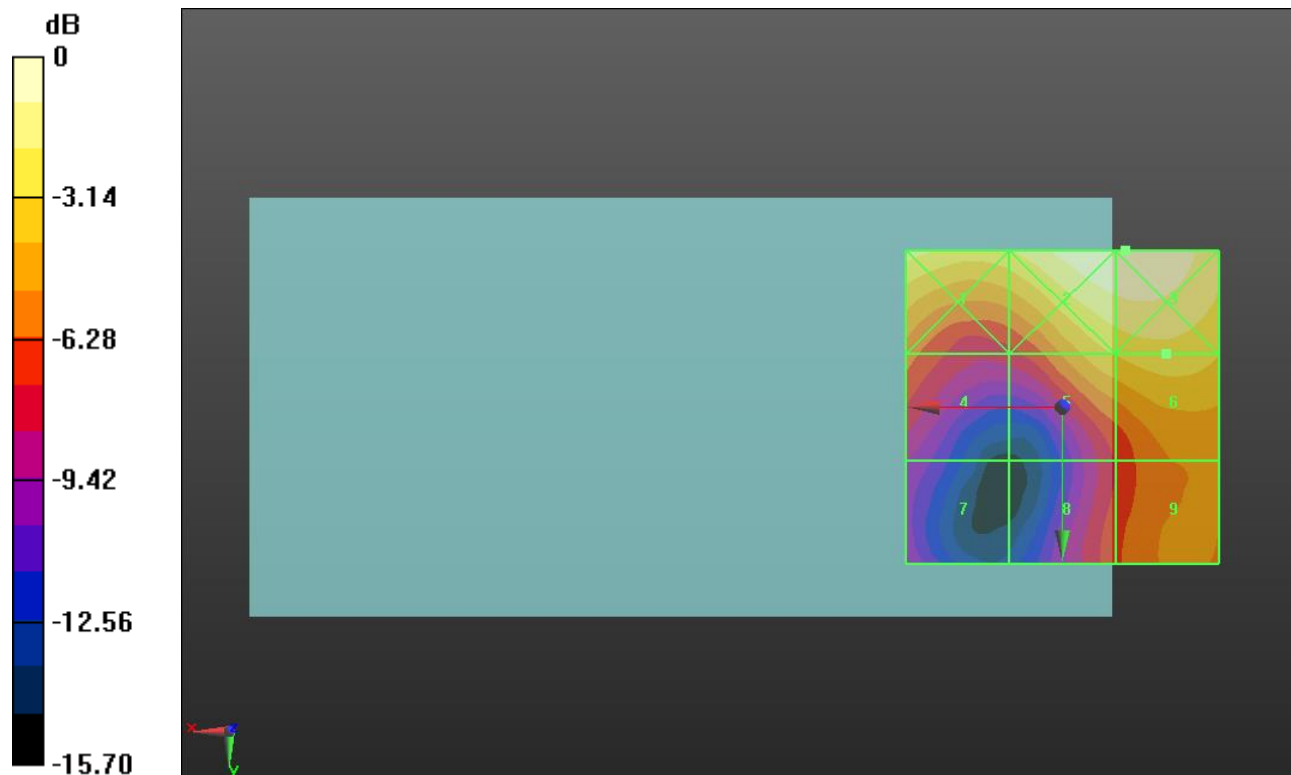
Applied MIF = -1.44 dB

RF audio interference level = 24.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.45 dBV/m	Grid 2 M4 26.99 dBV/m	Grid 3 M4 27.01 dBV/m
Grid 4 M4 21.3 dBV/m	Grid 5 M4 23.92 dBV/m	Grid 6 M4 24.52 dBV/m
Grid 7 M4 17.85 dBV/m	Grid 8 M4 20.49 dBV/m	Grid 9 M4 22.04 dBV/m



0 dB = 22.42 V/m = 27.01 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 = 12.03 V/m; Power Drift = 0.10 dB

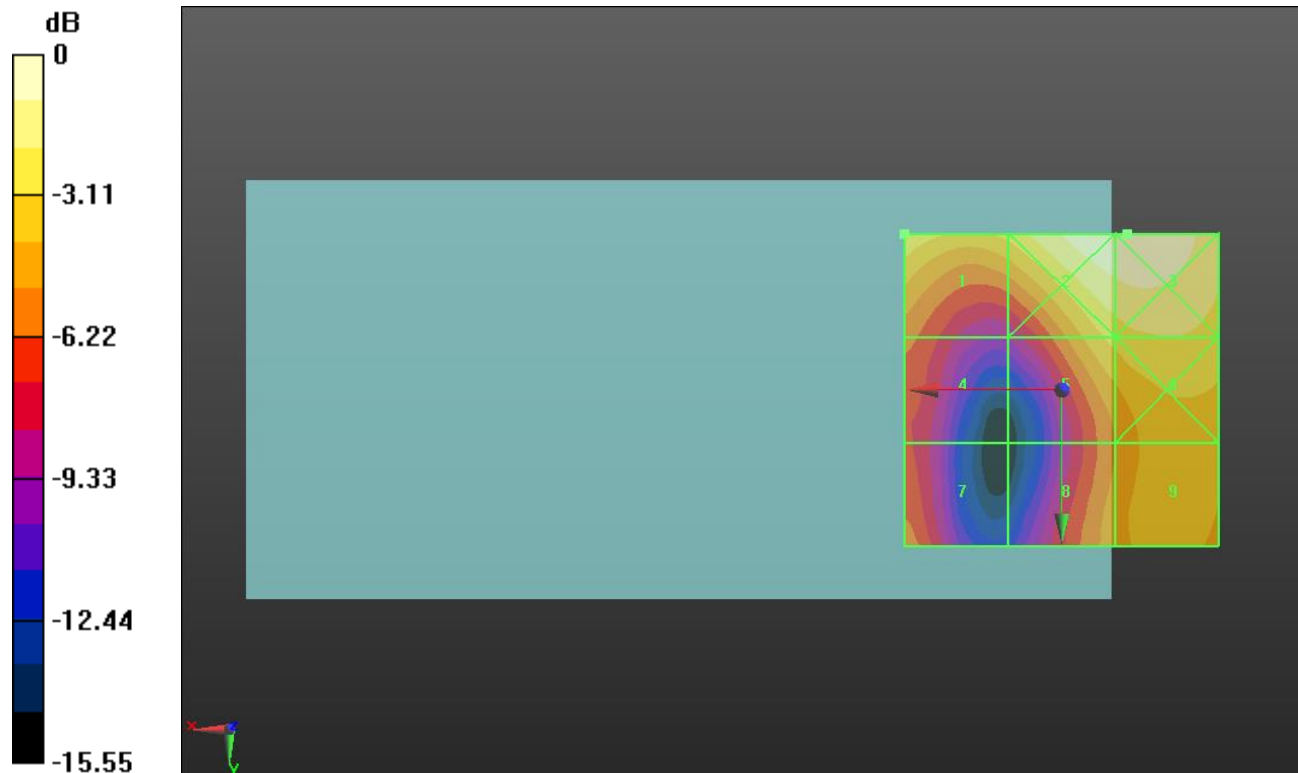
Applied MIF = -1.44 dB

RF audio interference level = 24.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.73 dBV/m	Grid 2 M4 26.76 dBV/m	Grid 3 M4 26.79 dBV/m
Grid 4 M4 21.06 dBV/m	Grid 5 M4 24.1 dBV/m	Grid 6 M4 24.74 dBV/m
Grid 7 M4 21.38 dBV/m	Grid 8 M4 22.21 dBV/m	Grid 9 M4 23.33 dBV/m



0 dB = 21.86 V/m = 26.79 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 = 11.41 V/m; Power Drift = -0.12 dB

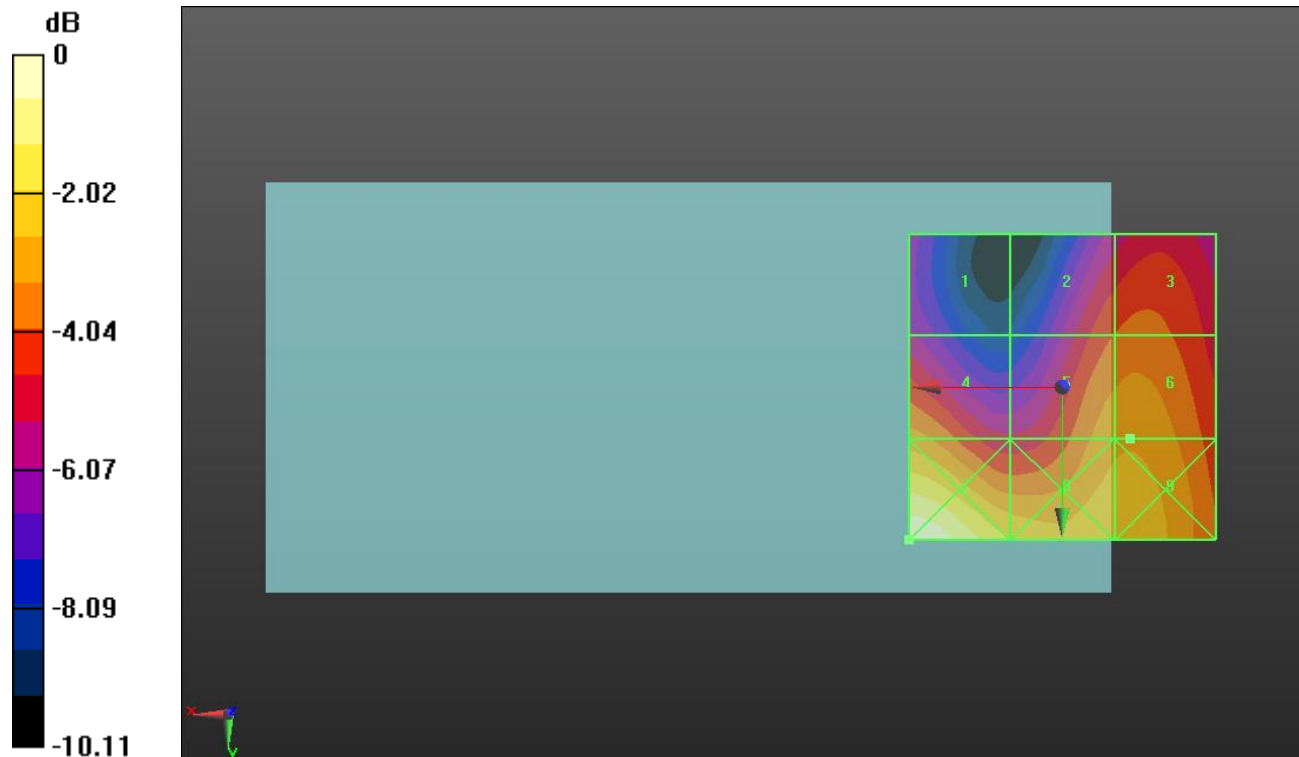
Applied MIF = 0.12 dB

RF audio interference level = 22.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.31 dBV/m	Grid 2 M4 21.21 dBV/m	Grid 3 M4 21.47 dBV/m
Grid 4 M4 22.22 dBV/m	Grid 5 M4 22.34 dBV/m	Grid 6 M4 22.44 dBV/m
Grid 7 M4 25.22 dBV/m	Grid 8 M4 23.26 dBV/m	Grid 9 M4 23.12 dBV/m



0 dB = 18.24 V/m = 25.22 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 = 14.03 V/m; Power Drift = 0.03 dB

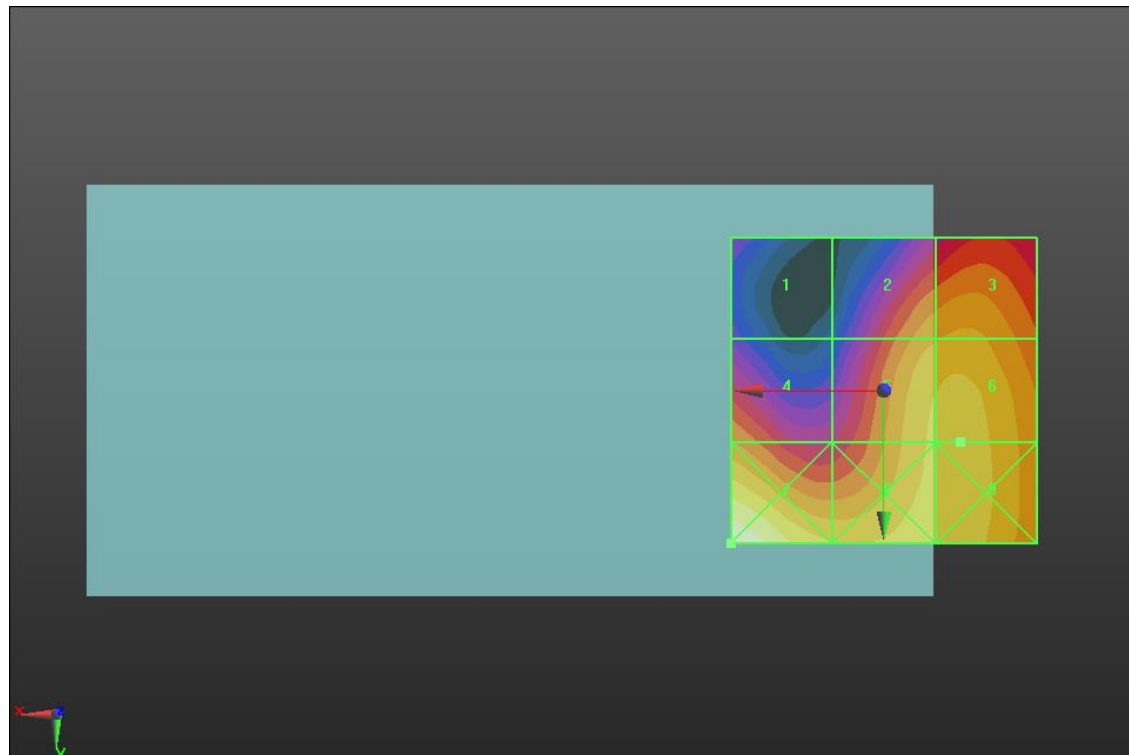
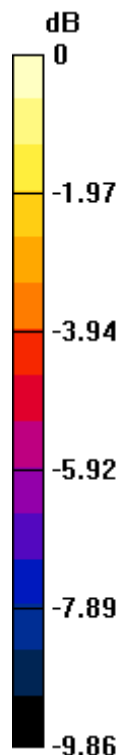
Applied MIF = 0.12 dB

RF audio interference level = 23.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.84 dBV/m	Grid 2 M4 22.39 dBV/m	Grid 3 M4 22.64 dBV/m
Grid 4 M4 21.95 dBV/m	Grid 5 M4 23.26 dBV/m	Grid 6 M4 23.41 dBV/m
Grid 7 M4 25.08 dBV/m	Grid 8 M4 23.48 dBV/m	Grid 9 M4 23.49 dBV/m



0 dB = 17.96 V/m = 25.09 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 = 11.79 V/m; Power Drift = 0.15 dB

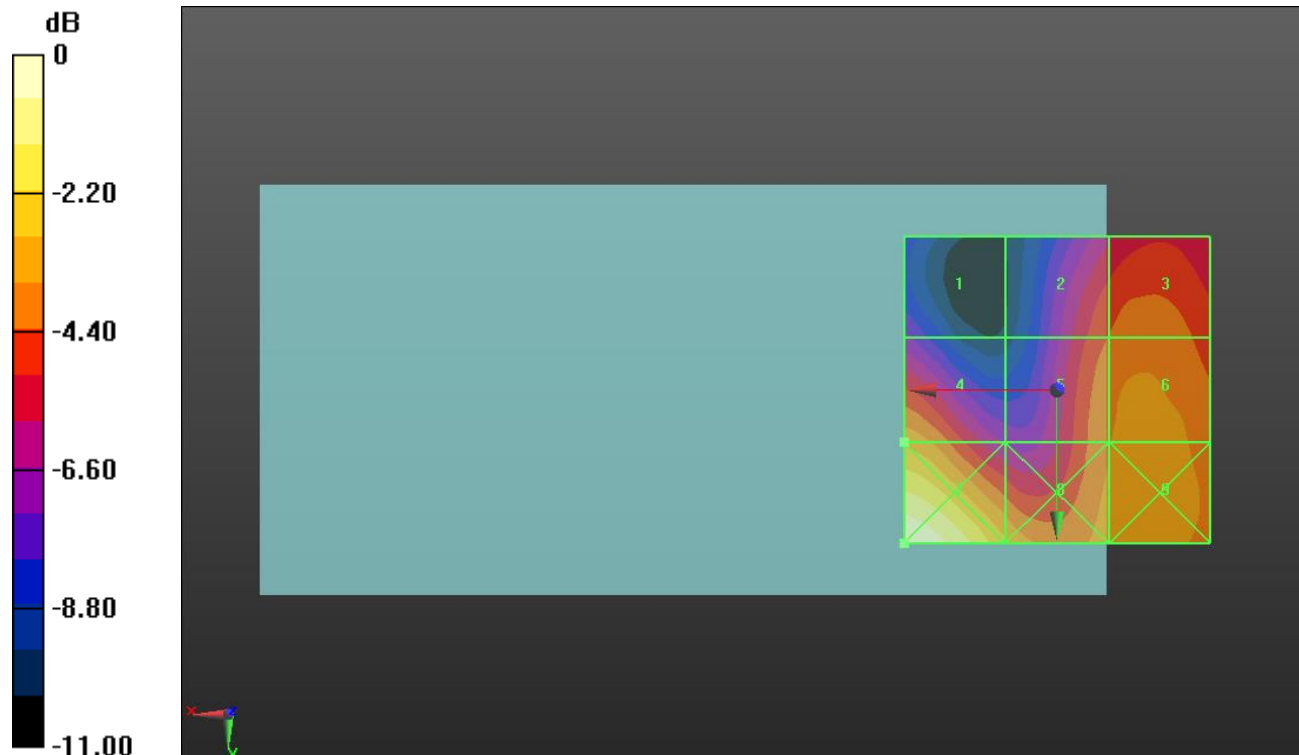
Applied MIF = 0.12 dB

RF audio interference level = 23.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.47 dBV/m	Grid 2 M4 22.17 dBV/m	Grid 3 M4 22.59 dBV/m
Grid 4 M4 23.41 dBV/m	Grid 5 M4 22.81 dBV/m	Grid 6 M4 23.23 dBV/m
Grid 7 M4 26.52 dBV/m	Grid 8 M4 23.79 dBV/m	Grid 9 M4 23.46 dBV/m



0 dB = 21.17 V/m = 26.51 dBV/m