

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 41.87 V/m; Power Drift = 0.14 dB

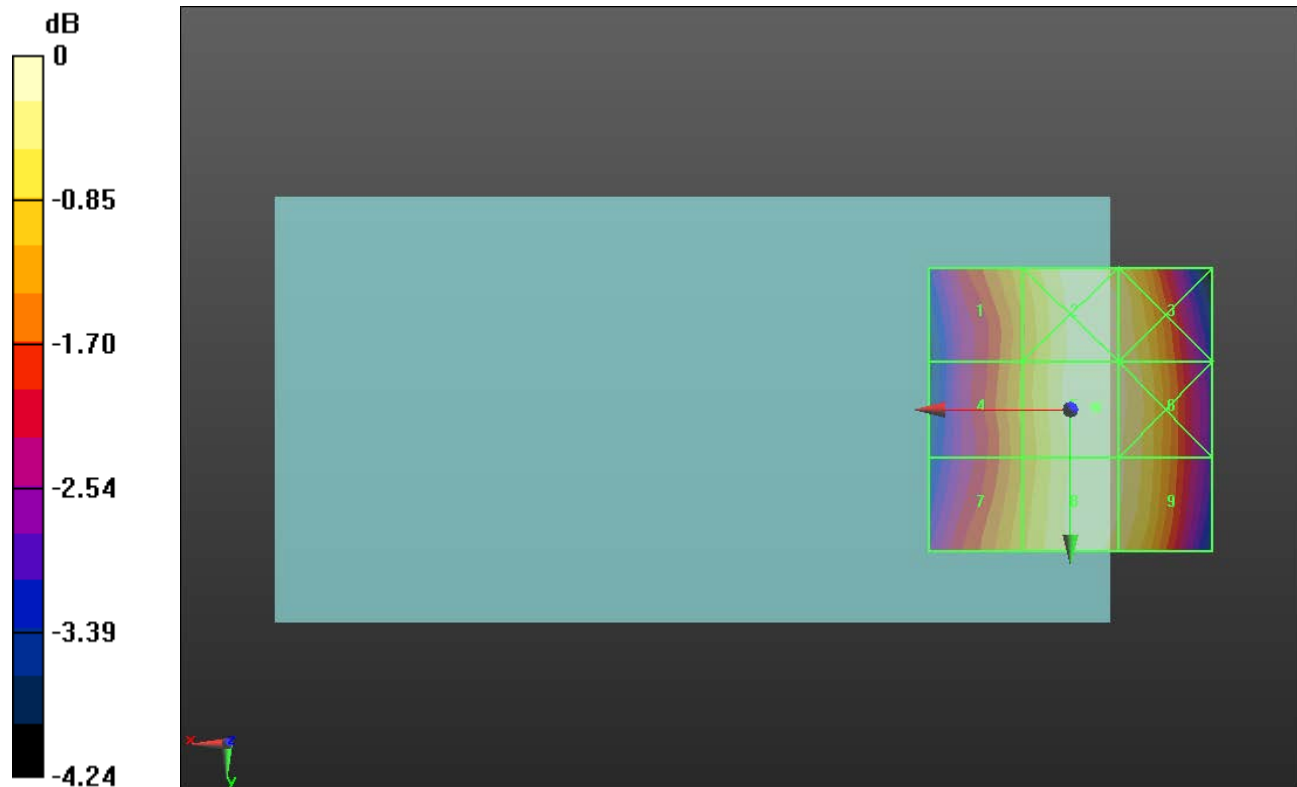
Applied MIF = 3.63 dB

RF audio interference level = 34.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 33.5 dBV/m	Grid 2 M4 34.33 dBV/m	Grid 3 M4 34.17 dBV/m
Grid 4 M4 33.36 dBV/m	Grid 5 M4 34.4 dBV/m	Grid 6 M4 34.22 dBV/m
Grid 7 M4 33.5 dBV/m	Grid 8 M4 34.31 dBV/m	Grid 9 M4 34.19 dBV/m



0 dB = 52.45 V/m = 34.39 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 44.32 V/m; Power Drift = 0.01 dB

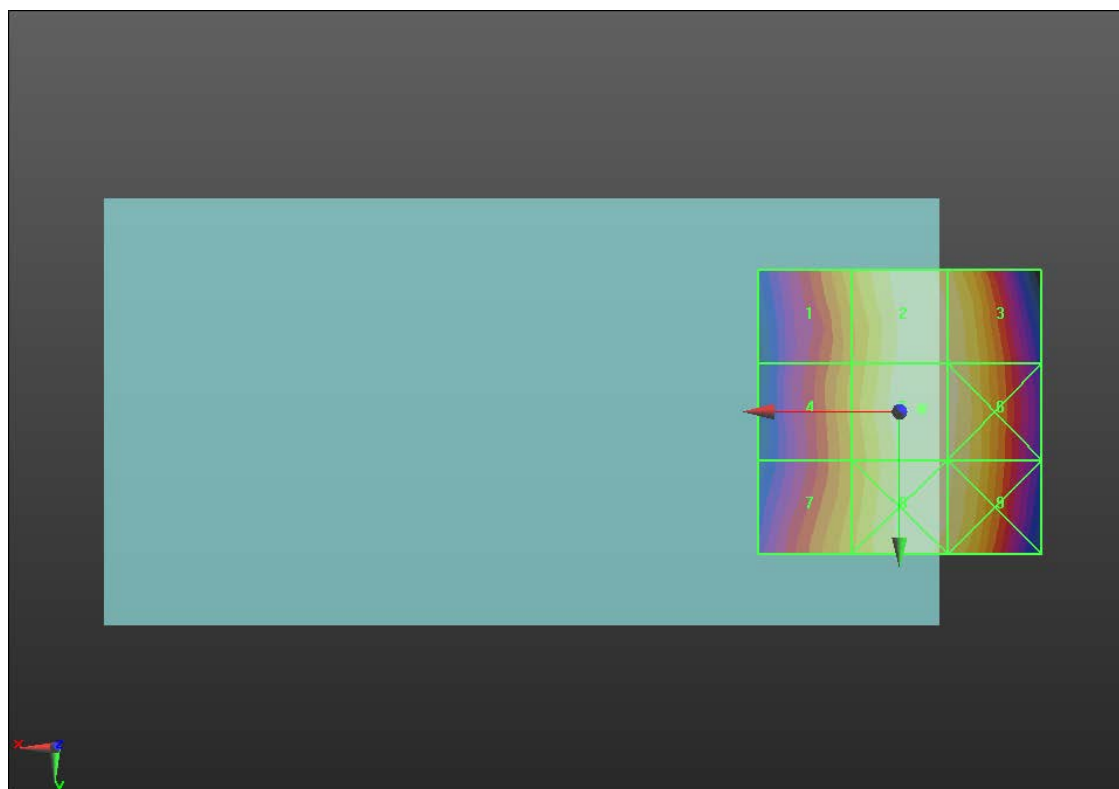
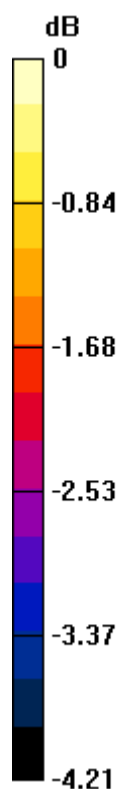
Applied MIF = 3.63 dB

RF audio interference level = 34.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.87 dBV/m	Grid 2 M4 34.66 dBV/m	Grid 3 M4 34.54 dBV/m
Grid 4 M4 33.76 dBV/m	Grid 5 M4 34.78 dBV/m	Grid 6 M4 34.65 dBV/m
Grid 7 M4 33.88 dBV/m	Grid 8 M4 34.69 dBV/m	Grid 9 M4 34.57 dBV/m



0 dB = 54.80 V/m = 34.78 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 43.60 V/m; Power Drift = -0.04 dB

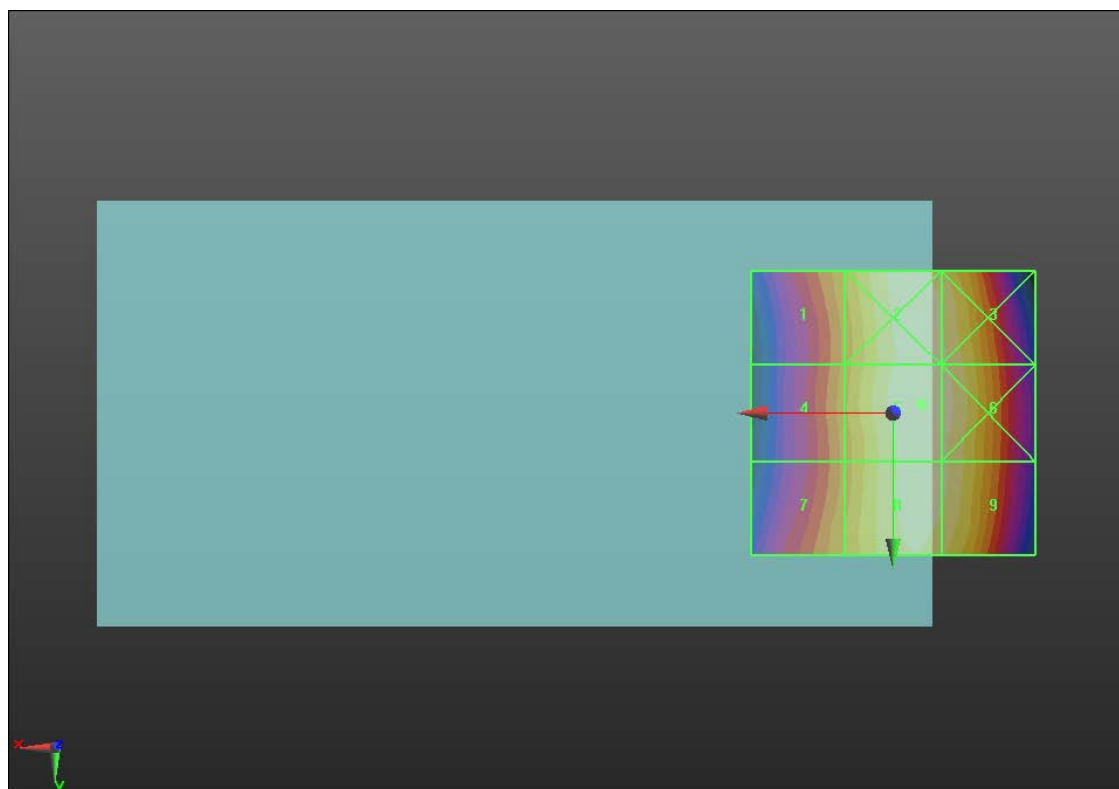
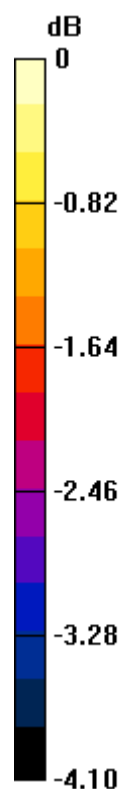
Applied MIF = 3.63 dB

RF audio interference level = 34.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.57 dBV/m	Grid 2 M4 34.58 dBV/m	Grid 3 M4 34.47 dBV/m
Grid 4 M4 33.49 dBV/m	Grid 5 M4 34.64 dBV/m	Grid 6 M4 34.54 dBV/m
Grid 7 M4 33.6 dBV/m	Grid 8 M4 34.55 dBV/m	Grid 9 M4 34.46 dBV/m



0 dB = 53.96 V/m = 34.64 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/Voice_ch 512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.51 V/m; Power Drift = 0.24 dB

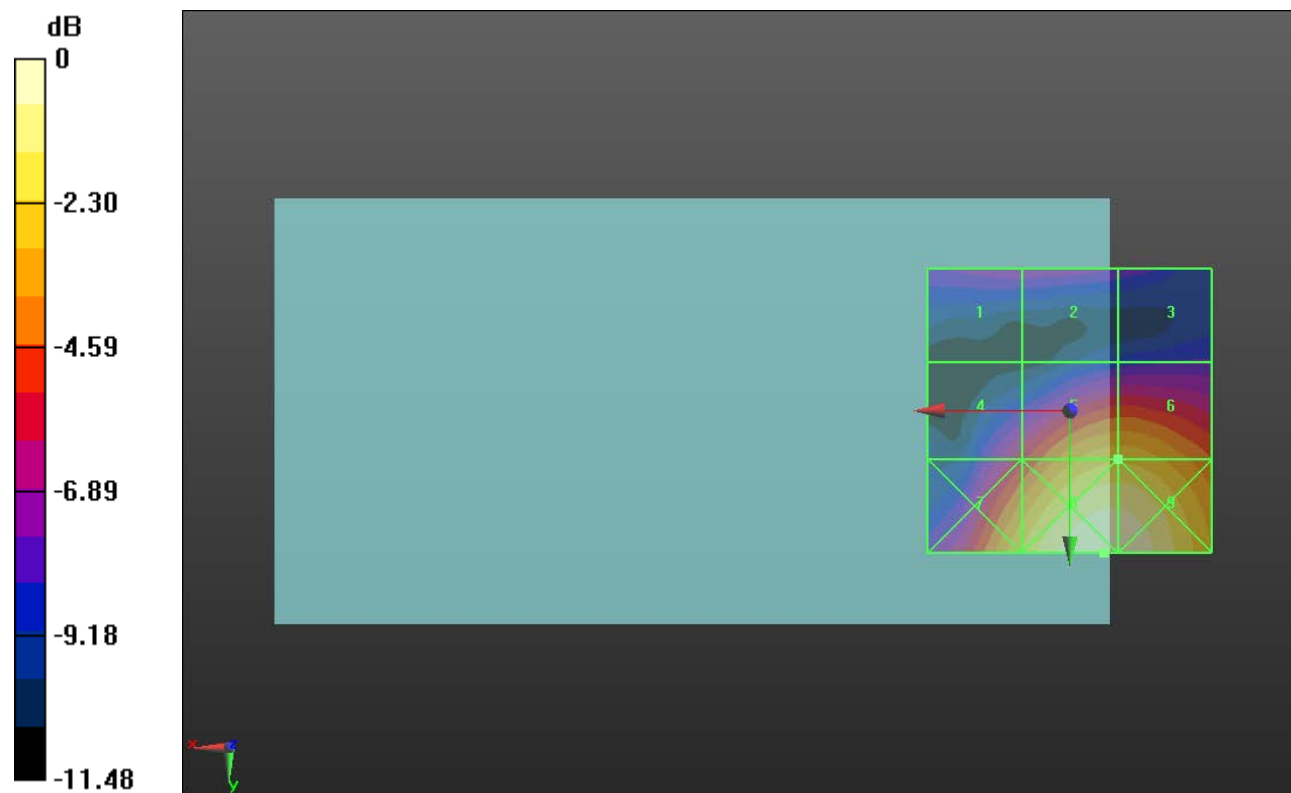
Applied MIF = 3.63 dB

RF audio interference level = 25.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.41 dBV/m	Grid 2 M4 21.41 dBV/m	Grid 3 M4 20.59 dBV/m
Grid 4 M4 22.68 dBV/m	Grid 5 M4 25.81 dBV/m	Grid 6 M4 25.81 dBV/m
Grid 7 M4 26.09 dBV/m	Grid 8 M4 28.25 dBV/m	Grid 9 M4 28.18 dBV/m



0 dB = 25.87 V/m = 28.26 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/Voice_ch 661/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.664 V/m; Power Drift = 0.12 dB

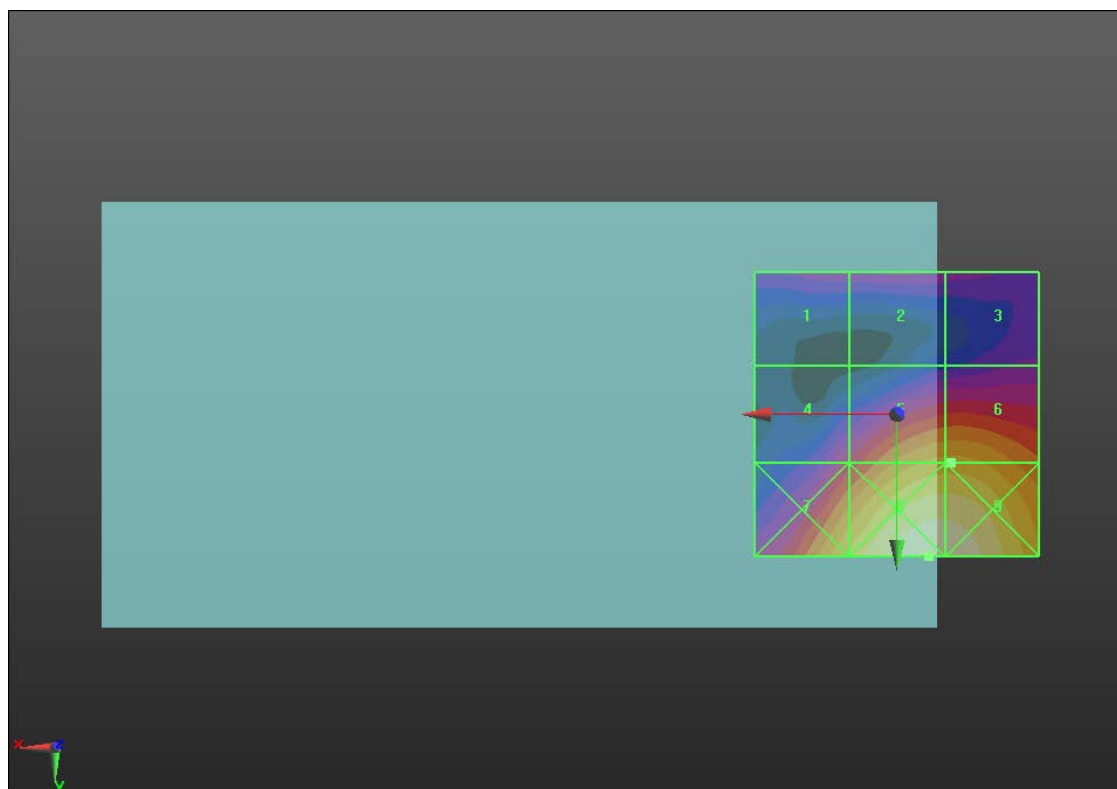
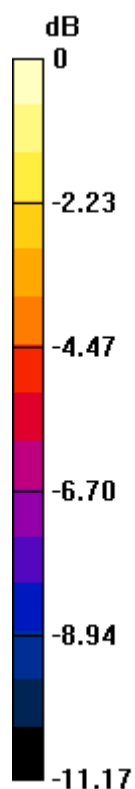
Applied MIF = 3.63 dB

RF audio interference level = 25.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.99 dBV/m	Grid 2 M4 21.26 dBV/m	Grid 3 M4 20.91 dBV/m
Grid 4 M4 22.11 dBV/m	Grid 5 M4 25.1 dBV/m	Grid 6 M4 25.11 dBV/m
Grid 7 M4 25.73 dBV/m	Grid 8 M4 27.79 dBV/m	Grid 9 M4 27.69 dBV/m



0 dB = 24.52 V/m = 27.79 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 8.696 V/m; Power Drift = 0.15 dB

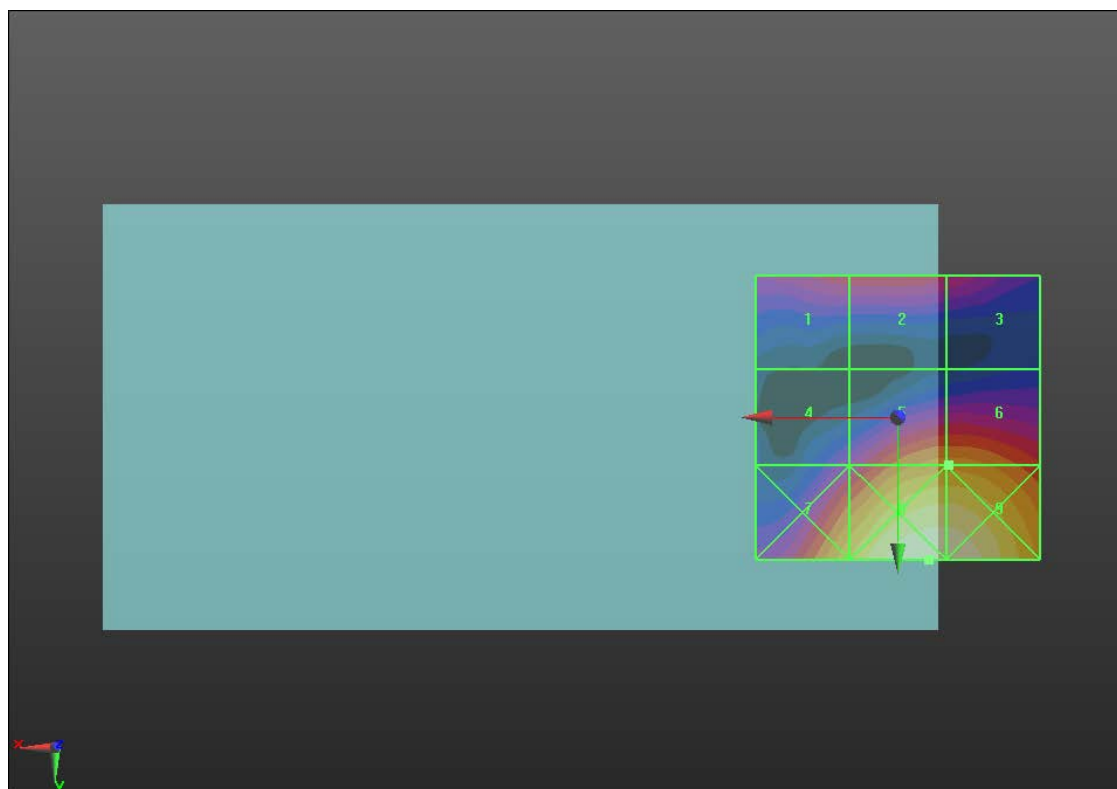
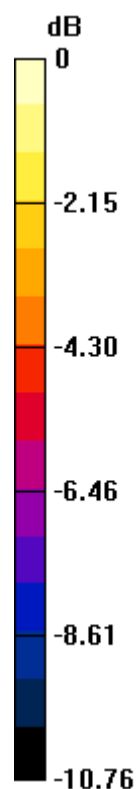
Applied MIF = 3.63 dB

RF audio interference level = 25.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.36 dBV/m	Grid 2 M4 23.54 dBV/m	Grid 3 M4 22.96 dBV/m
Grid 4 M4 22.12 dBV/m	Grid 5 M4 25.34 dBV/m	Grid 6 M4 25.35 dBV/m
Grid 7 M4 26.37 dBV/m	Grid 8 M4 28.49 dBV/m	Grid 9 M4 28.39 dBV/m



0 dB = 26.59 V/m = 28.49 dBV/m

HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 19.98 V/m; Power Drift = 0.02 dB

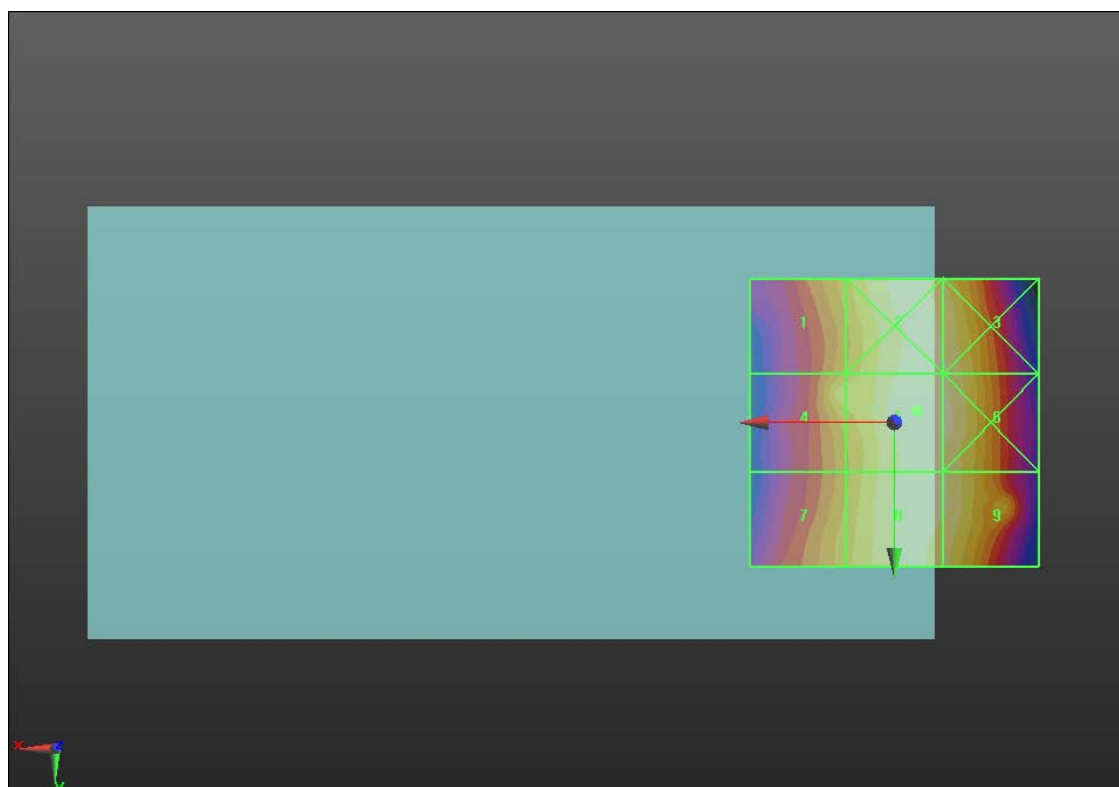
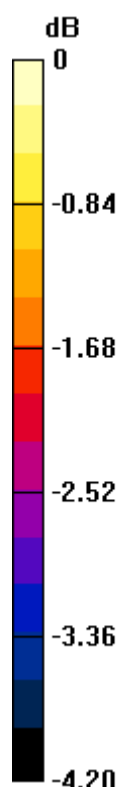
Applied MIF = 3.26 dB

RF audio interference level = 27.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.61 dBV/m	Grid 2 M4 27.45 dBV/m	Grid 3 M4 27.33 dBV/m
Grid 4 M4 26.86 dBV/m	Grid 5 M4 27.54 dBV/m	Grid 6 M4 27.41 dBV/m
Grid 7 M4 26.59 dBV/m	Grid 8 M4 27.41 dBV/m	Grid 9 M4 27.31 dBV/m



0 dB = 23.82 V/m = 27.54 dBV/m

HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 19.44 V/m; Power Drift = 2.95 dB

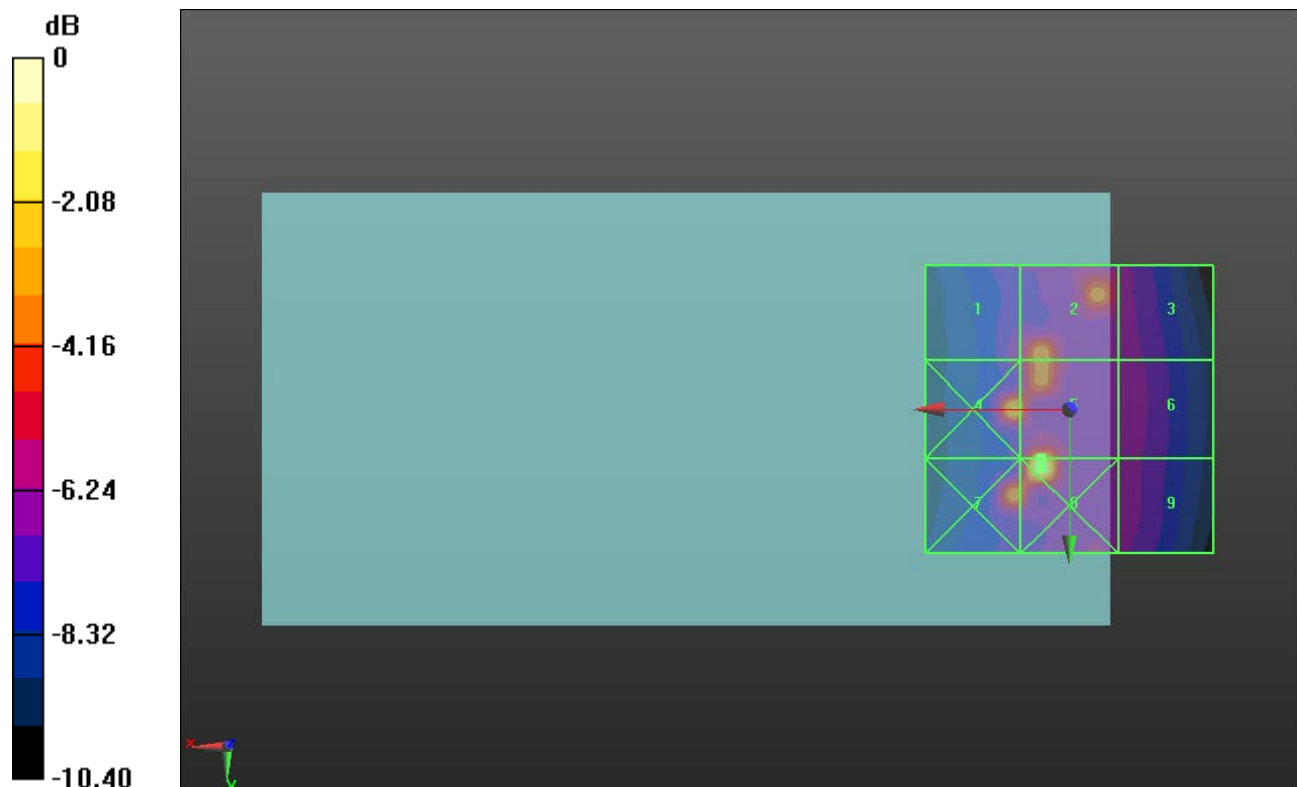
Applied MIF = 3.26 dB

RF audio interference level = 31.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.55 dBV/m	Grid 2 M4 29.96 dBV/m	Grid 3 M4 27.41 dBV/m
Grid 4 M4 30.83 dBV/m	Grid 5 M4 31.62 dBV/m	Grid 6 M4 27.14 dBV/m
Grid 7 M4 29.92 dBV/m	Grid 8 M4 33.49 dBV/m	Grid 9 M4 27 dBV/m



0 dB = 47.26 V/m = 33.49 dBV/m

HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/RC1_SO3_Ch

777/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.50 V/m; Power Drift = -0.02 dB

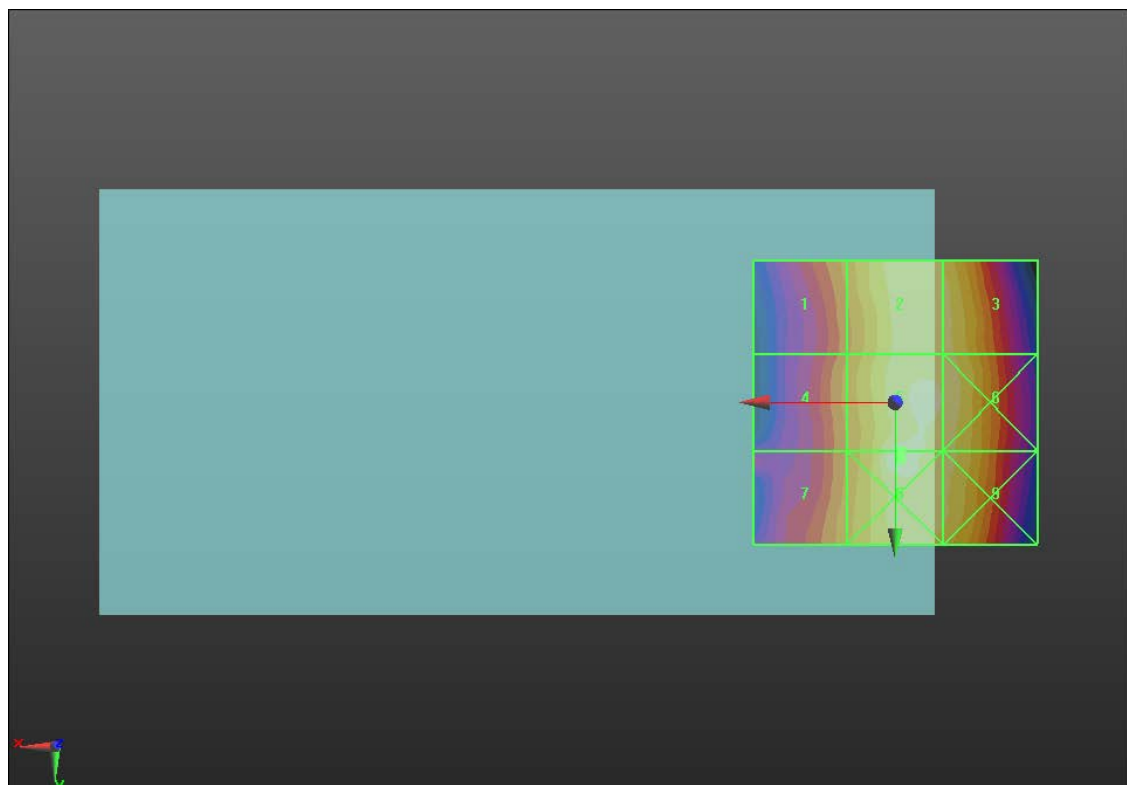
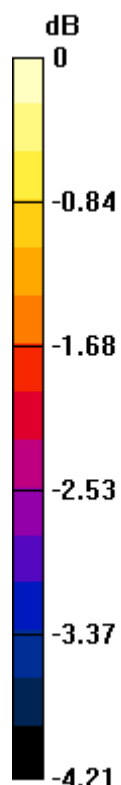
Applied MIF = 3.26 dB

RF audio interference level = 26.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.8 dBV/m	Grid 2 M4 26.75 dBV/m	Grid 3 M4 26.66 dBV/m
Grid 4 M4 25.77 dBV/m	Grid 5 M4 26.96 dBV/m	Grid 6 M4 26.77 dBV/m
Grid 7 M4 25.86 dBV/m	Grid 8 M4 27.06 dBV/m	Grid 9 M4 26.68 dBV/m



0 dB = 22.54 V/m = 27.06 dBV/m

HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 5.927 V/m; Power Drift = 1.18 dB

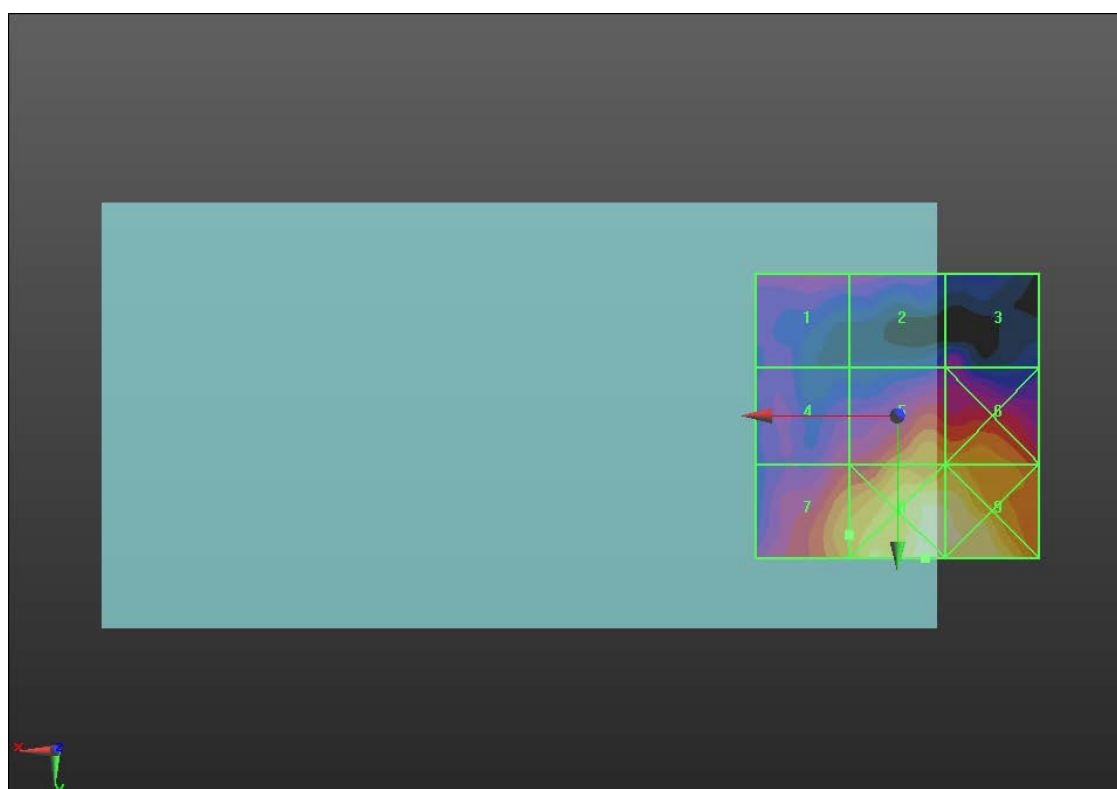
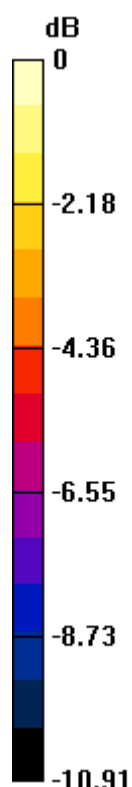
Applied MIF = 3.26 dB

RF audio interference level = 20.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.32 dBV/m	Grid 2 M4 17.02 dBV/m	Grid 3 M4 16.91 dBV/m
Grid 4 M4 17.99 dBV/m	Grid 5 M4 20.75 dBV/m	Grid 6 M4 20.84 dBV/m
Grid 7 M4 20.8 dBV/m	Grid 8 M4 23.51 dBV/m	Grid 9 M4 22.98 dBV/m



0 dB = 14.98 V/m = 23.51 dBV/m

HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 6.169 V/m; Power Drift = -0.02 dB

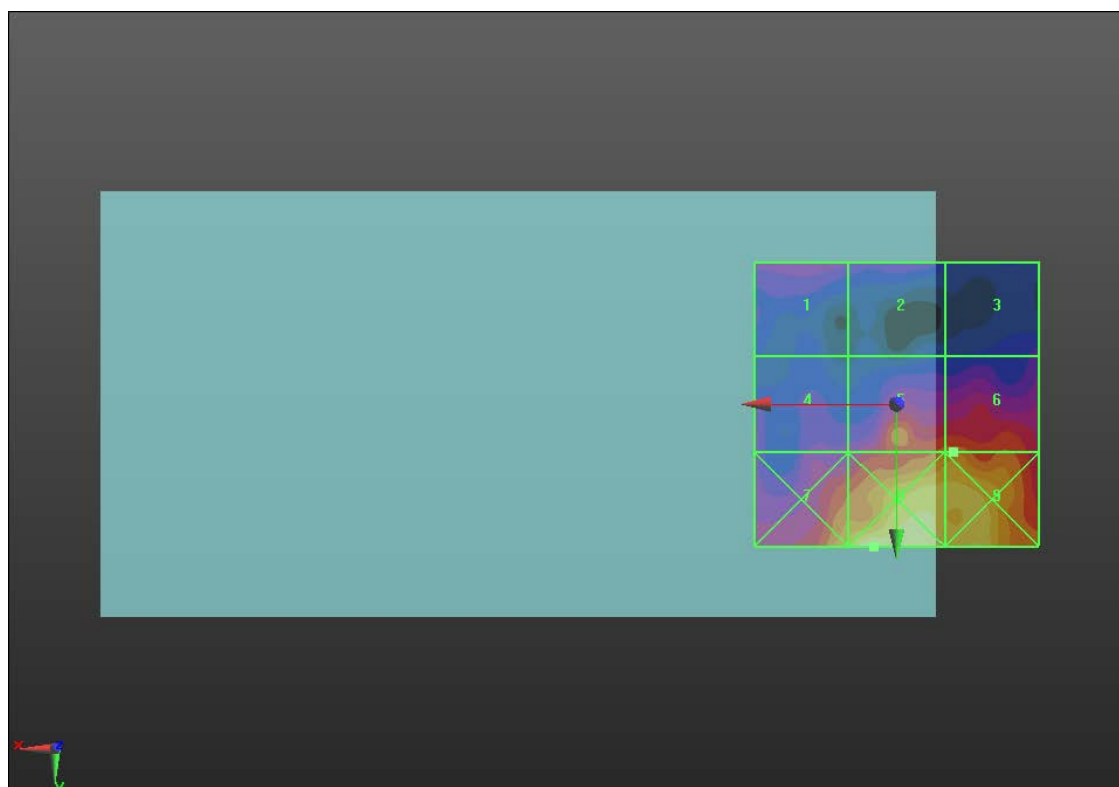
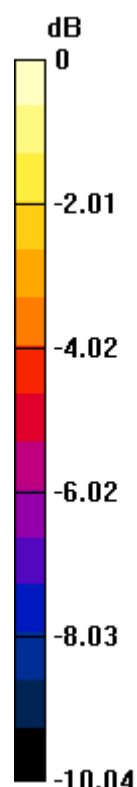
Applied MIF = 3.26 dB

RF audio interference level = 20.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.37 dBV/m	Grid 2 M4 17.06 dBV/m	Grid 3 M4 16.45 dBV/m
Grid 4 M4 17.23 dBV/m	Grid 5 M4 19.98 dBV/m	Grid 6 M4 20.15 dBV/m
Grid 7 M4 21.33 dBV/m	Grid 8 M4 23.5 dBV/m	Grid 9 M4 22.26 dBV/m



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

HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Phantom: 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 (with Wireless Battery Cover)/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 = 4.730 V/m; Power Drift = -0.27 dB

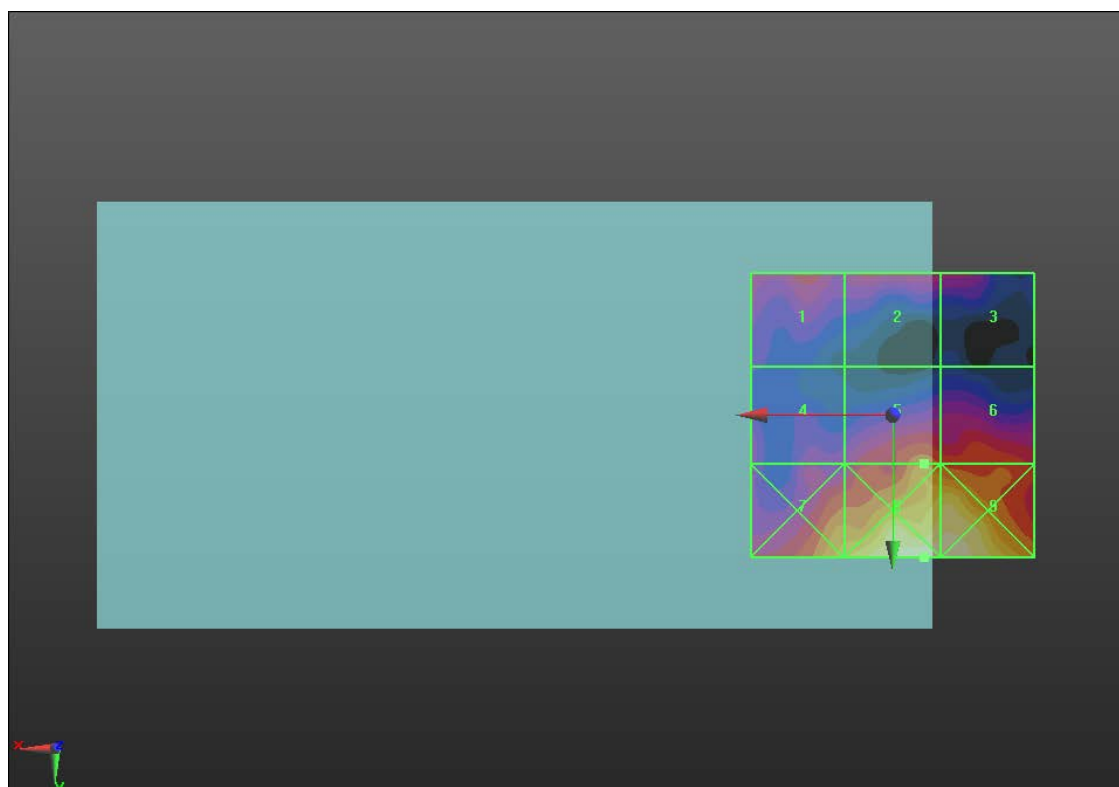
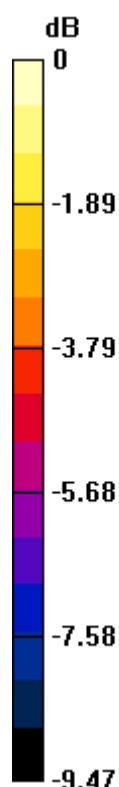
Applied MIF = 3.26 dB

RF audio interference level = 19.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.21 dBV/m	Grid 2 M4 17.77 dBV/m	Grid 3 M4 17.3 dBV/m
Grid 4 M4 16.92 dBV/m	Grid 5 M4 19.25 dBV/m	Grid 6 M4 18.64 dBV/m
Grid 7 M4 20.45 dBV/m	Grid 8 M4 22.45 dBV/m	Grid 9 M4 22.27 dBV/m



0 dB = 13.26 V/m = 22.45 dBV/m