

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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 62.96 V/m; Power Drift = 0.04 dB

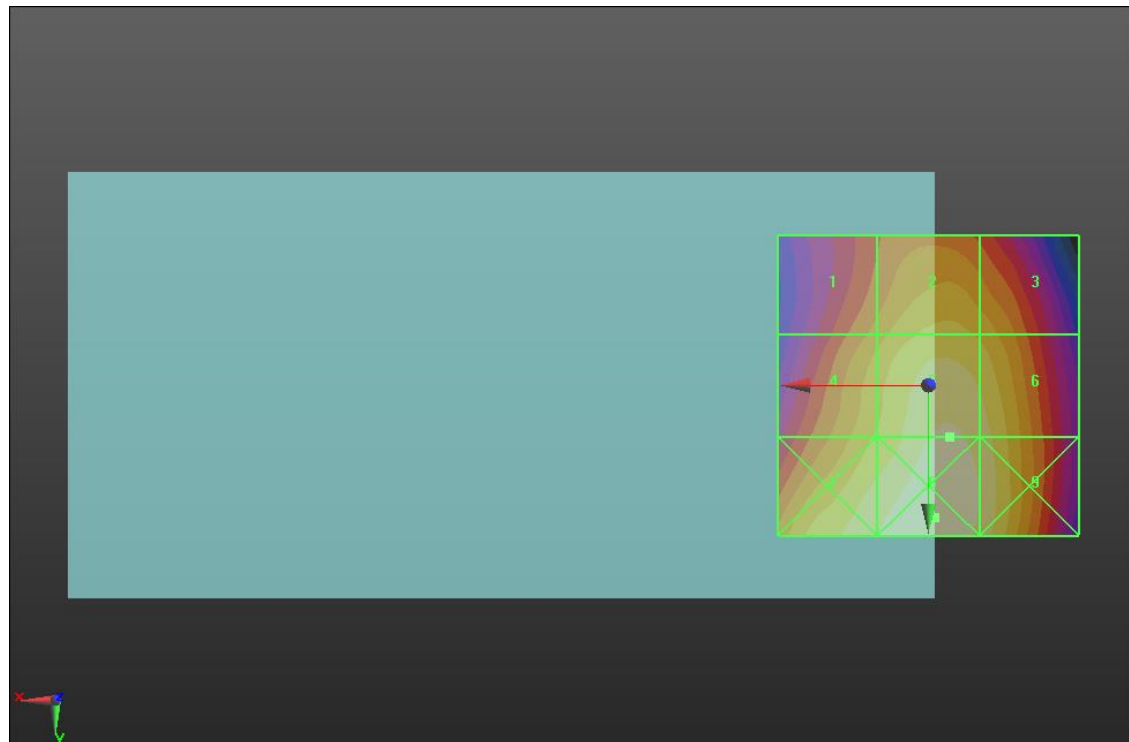
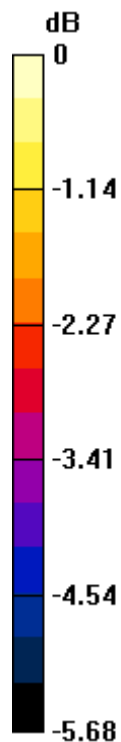
Applied MIF = 3.63 dB

RF audio interference level = 37.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.55 dBV/m	Grid 2 M4 37.26 dBV/m	Grid 3 M4 37.04 dBV/m
Grid 4 M4 37.18 dBV/m	Grid 5 M4 37.93 dBV/m	Grid 6 M4 37.7 dBV/m
Grid 7 M4 37.87 dBV/m	Grid 8 M4 38.24 dBV/m	Grid 9 M4 37.86 dBV/m



0 dB = 81.71 V/m = 38.25 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 56.91 V/m; Power Drift = 0.02 dB

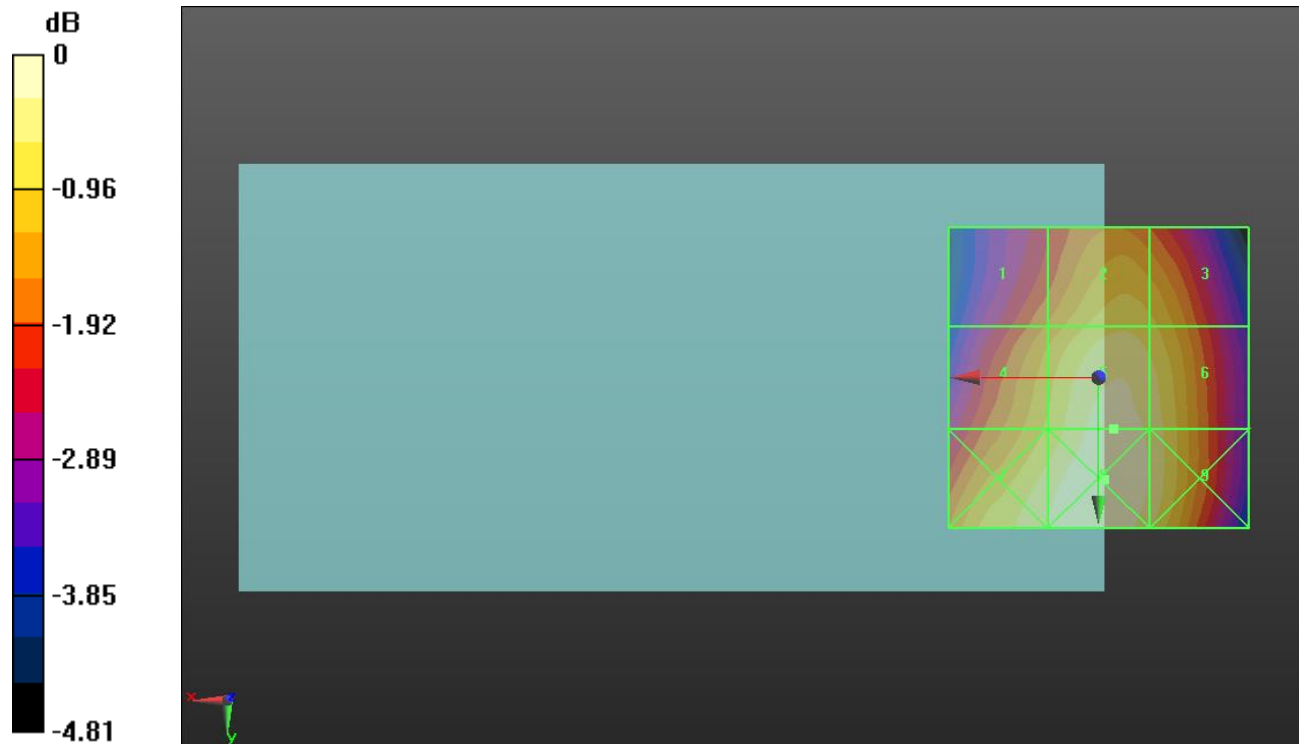
Applied MIF = 3.63 dB

RF audio interference level = 37.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.69 dBV/m	Grid 2 M4 36.55 dBV/m	Grid 3 M4 36.38 dBV/m
Grid 4 M4 36.34 dBV/m	Grid 5 M4 37.07 dBV/m	Grid 6 M4 36.83 dBV/m
Grid 7 M4 36.93 dBV/m	Grid 8 M4 37.23 dBV/m	Grid 9 M4 36.89 dBV/m



0 dB = 72.67 V/m = 37.23 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 57.35 V/m; Power Drift = 0.07 dB

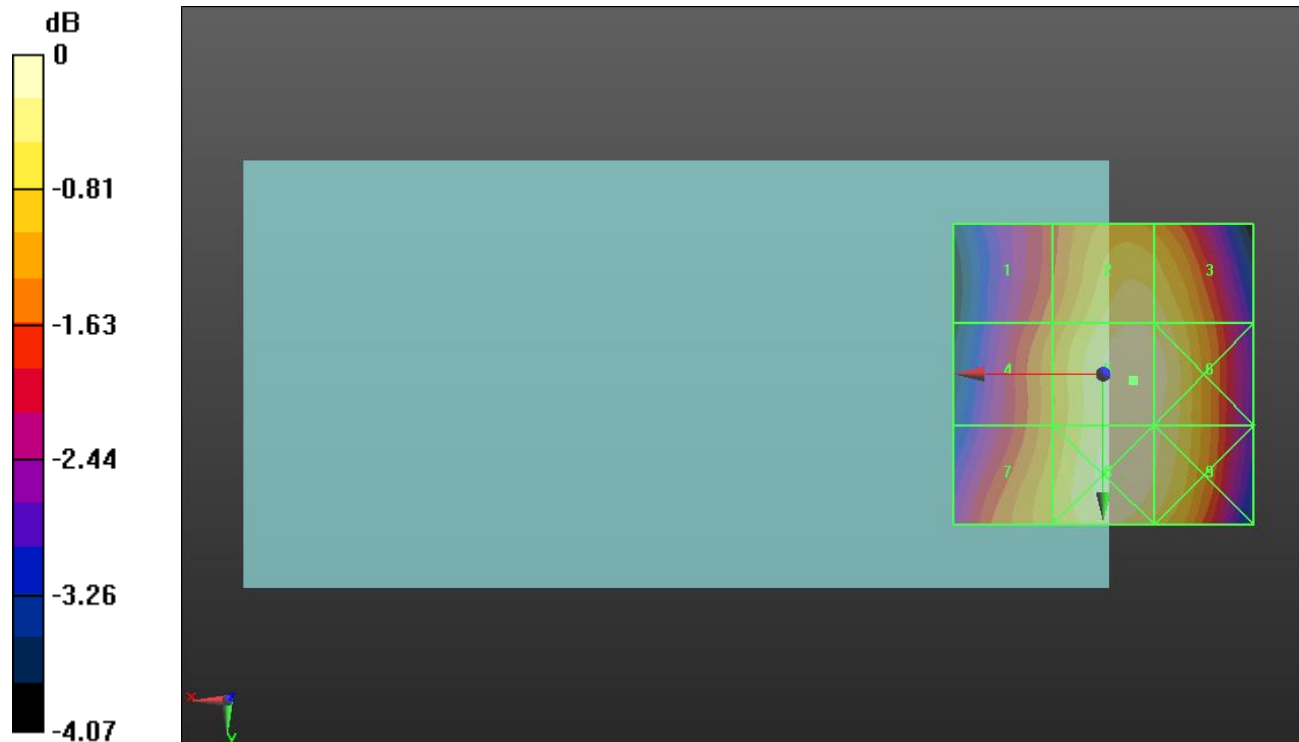
Applied MIF = 3.63 dB

RF audio interference level = 37.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.75 dBV/m	Grid 2 M4 36.88 dBV/m	Grid 3 M4 36.78 dBV/m
Grid 4 M4 36.04 dBV/m	Grid 5 M4 37.13 dBV/m	Grid 6 M4 37.03 dBV/m
Grid 7 M4 36.31 dBV/m	Grid 8 M4 37.06 dBV/m	Grid 9 M4 36.94 dBV/m



0 dB = 71.86 V/m = 37.13 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 7.503 V/m; Power Drift = -0.37 dB

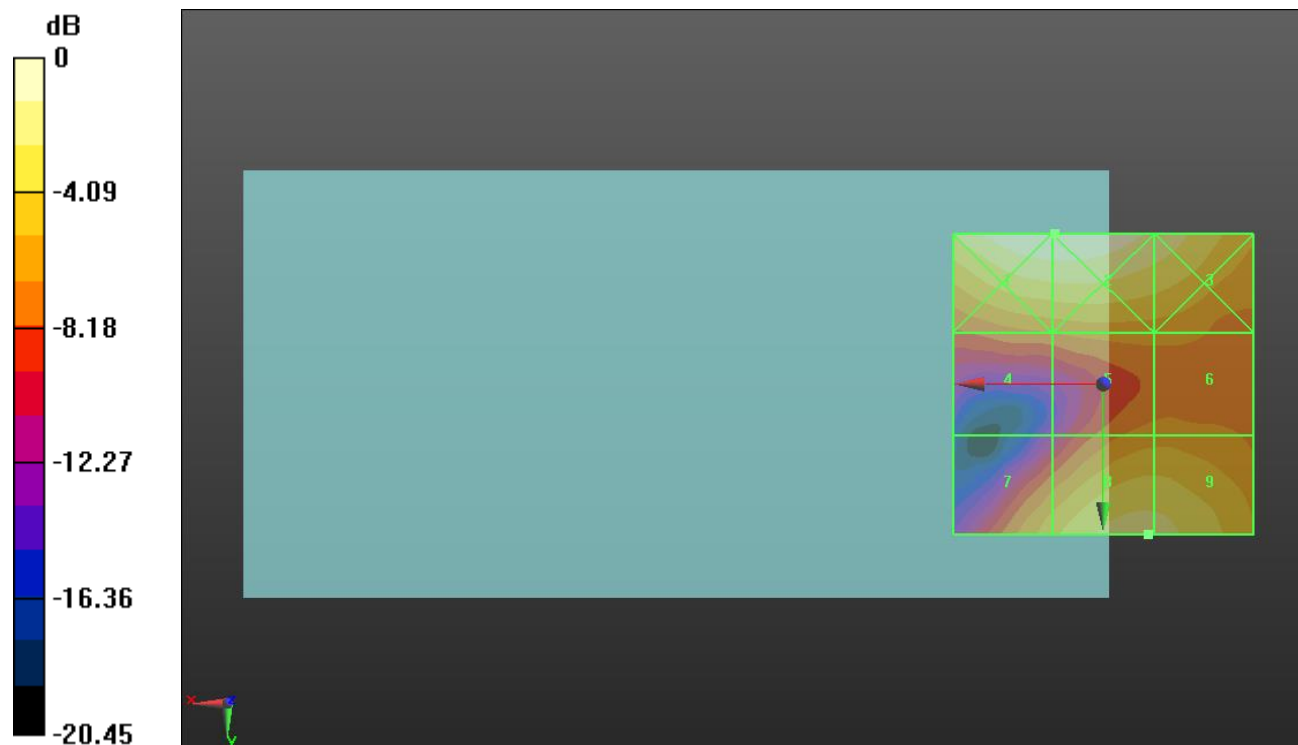
Applied MIF = 3.63 dB

RF audio interference level = 26.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.87 dBV/m	Grid 2 M4 28.88 dBV/m	Grid 3 M4 27.35 dBV/m
Grid 4 M4 22.05 dBV/m	Grid 5 M4 22.84 dBV/m	Grid 6 M4 22.91 dBV/m
Grid 7 M4 24.42 dBV/m	Grid 8 M4 26.69 dBV/m	Grid 9 M4 26.67 dBV/m



0 dB = 27.78 V/m = 28.87 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 9.056 V/m; Power Drift = 0.72 dB

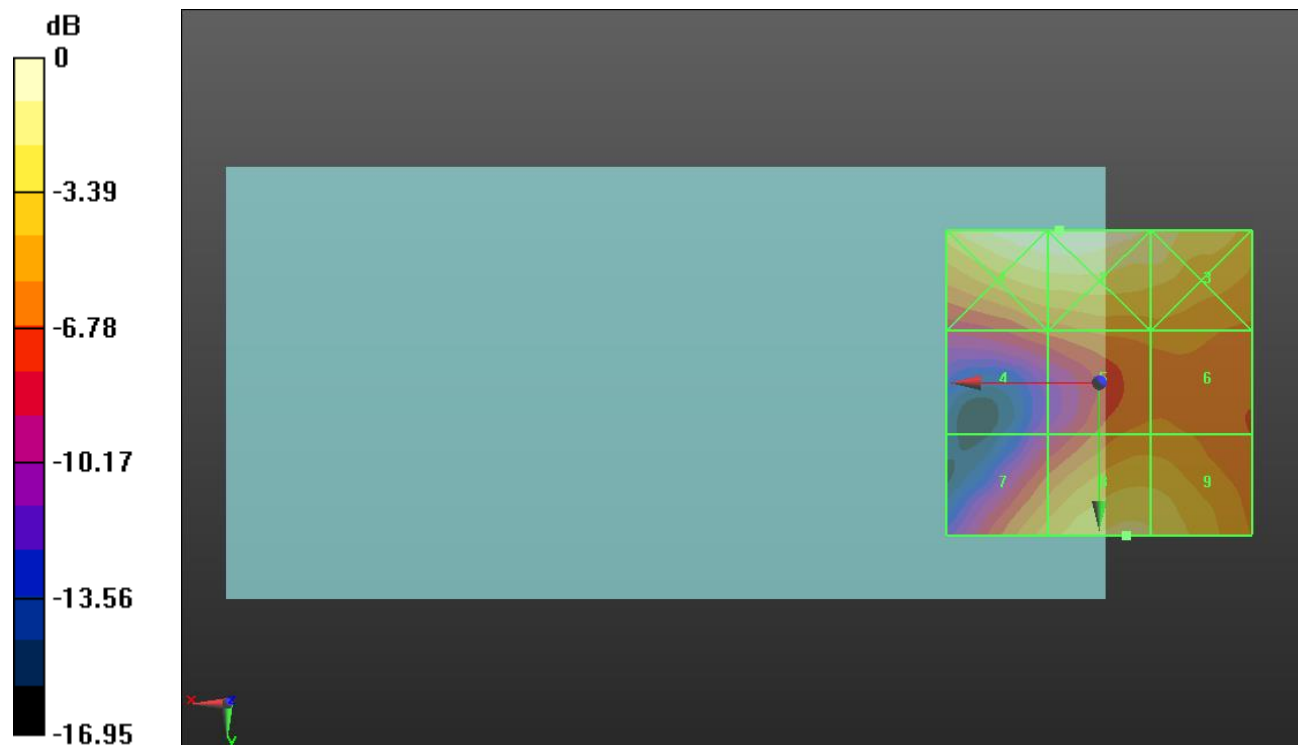
Applied MIF = 3.63 dB

RF audio interference level = 26.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.45 dBV/m	Grid 2 M4 28.48 dBV/m	Grid 3 M4 27.22 dBV/m
Grid 4 M4 22.11 dBV/m	Grid 5 M4 23.47 dBV/m	Grid 6 M4 23.54 dBV/m
Grid 7 M4 24.6 dBV/m	Grid 8 M4 26.55 dBV/m	Grid 9 M4 26.33 dBV/m



0 dB = 26.56 V/m = 28.48 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 8.481 V/m; Power Drift = 0.05 dB

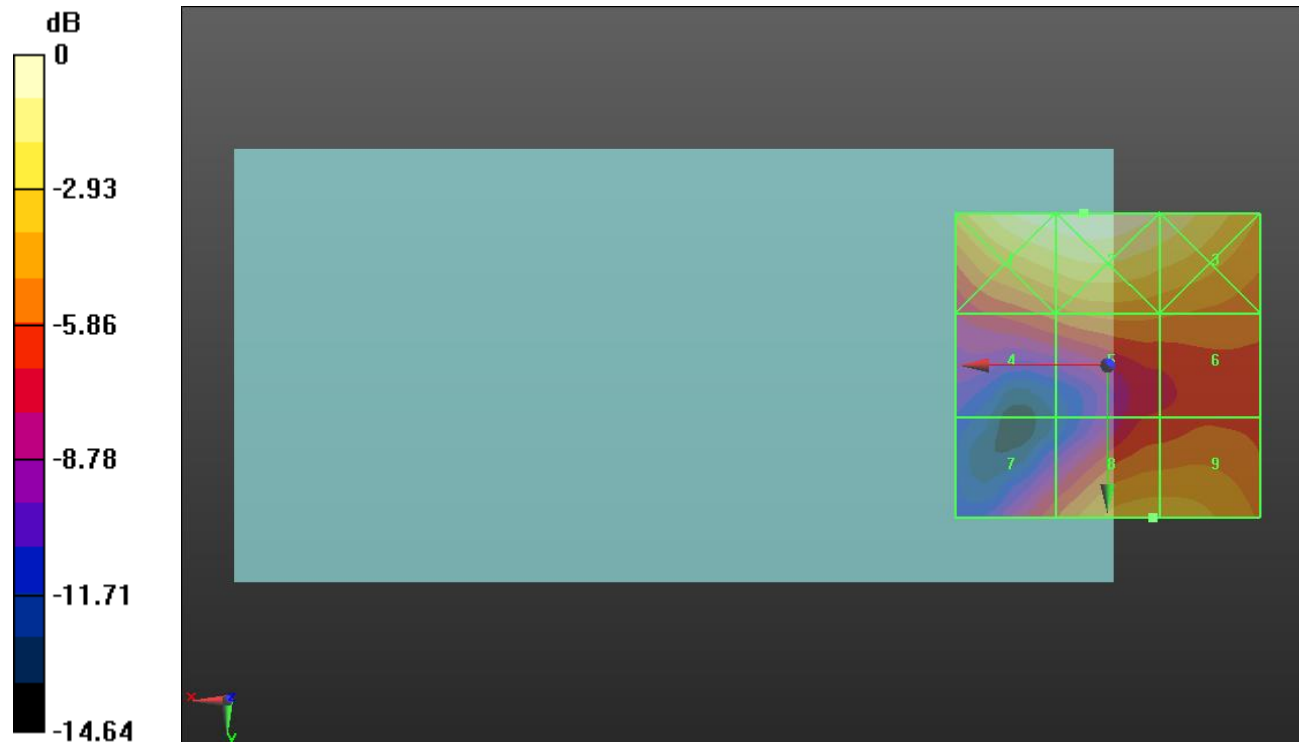
Applied MIF = 3.63 dB

RF audio interference level = 25.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.33 dBV/m	Grid 2 M4 28.59 dBV/m	Grid 3 M4 27.68 dBV/m
Grid 4 M4 23.18 dBV/m	Grid 5 M4 24.09 dBV/m	Grid 6 M4 23.91 dBV/m
Grid 7 M4 22.69 dBV/m	Grid 8 M4 25.35 dBV/m	Grid 9 M4 25.35 dBV/m



0 dB = 26.89 V/m = 28.59 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 22.32 V/m; Power Drift = -0.09 dB

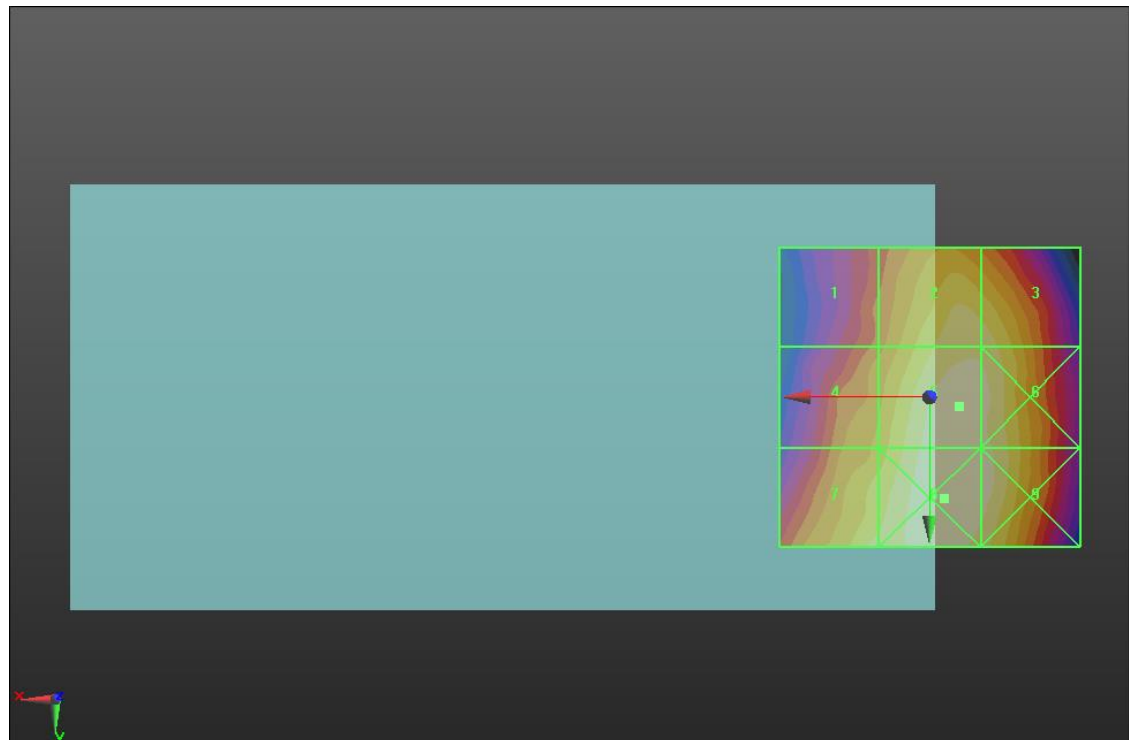
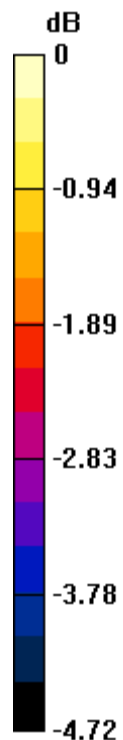
Applied MIF = 3.26 dB

RF audio interference level = 28.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.71 dBV/m	Grid 2 M4 28.05 dBV/m	Grid 3 M4 28.01 dBV/m
Grid 4 M4 27.29 dBV/m	Grid 5 M4 28.35 dBV/m	Grid 6 M4 28.25 dBV/m
Grid 7 M4 27.93 dBV/m	Grid 8 M4 28.42 dBV/m	Grid 9 M4 28.29 dBV/m



0 dB = 26.35 V/m = 28.42 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 20.52 V/m; Power Drift = -0.08 dB

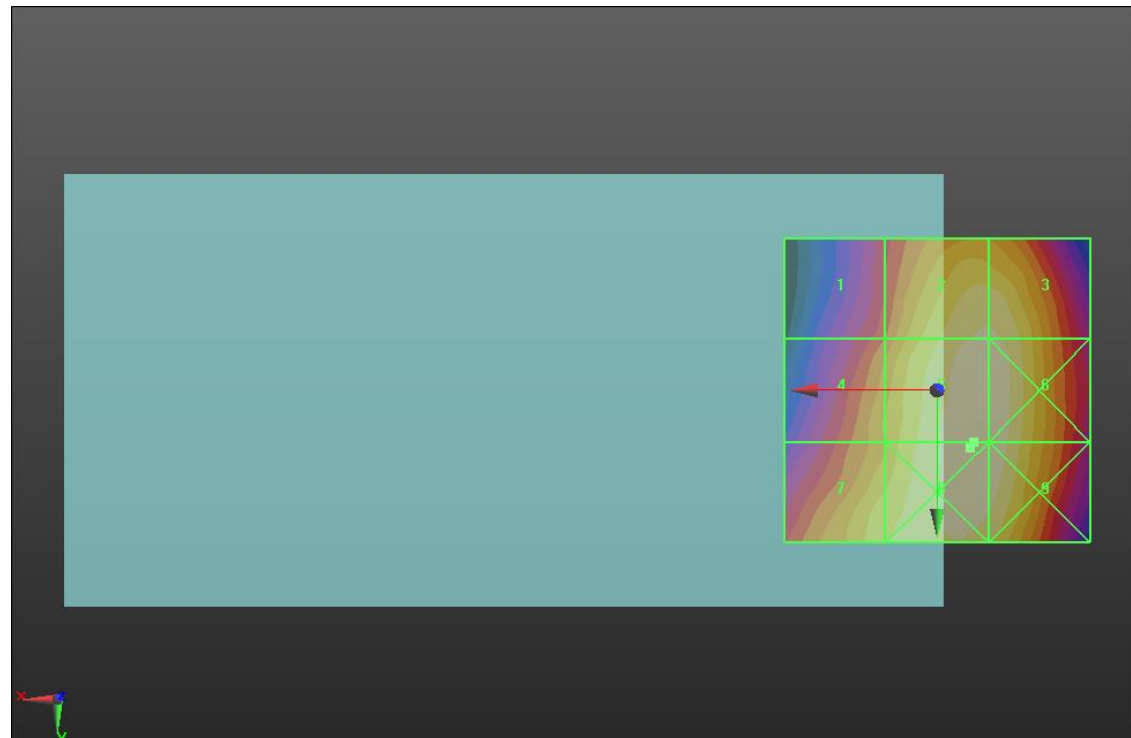
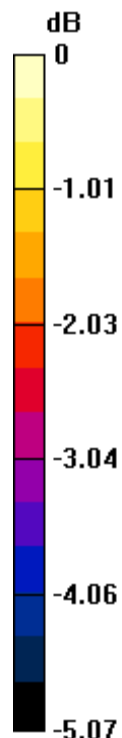
Applied MIF = 3.26 dB

RF audio interference level = 27.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.85 dBV/m	Grid 2 M4 27.6 dBV/m	Grid 3 M4 27.6 dBV/m
Grid 4 M4 26.55 dBV/m	Grid 5 M4 27.84 dBV/m	Grid 6 M4 27.81 dBV/m
Grid 7 M4 27.12 dBV/m	Grid 8 M4 27.85 dBV/m	Grid 9 M4 27.8 dBV/m



0 dB = 24.68 V/m = 27.85 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 19.18 V/m; Power Drift = -0.14 dB

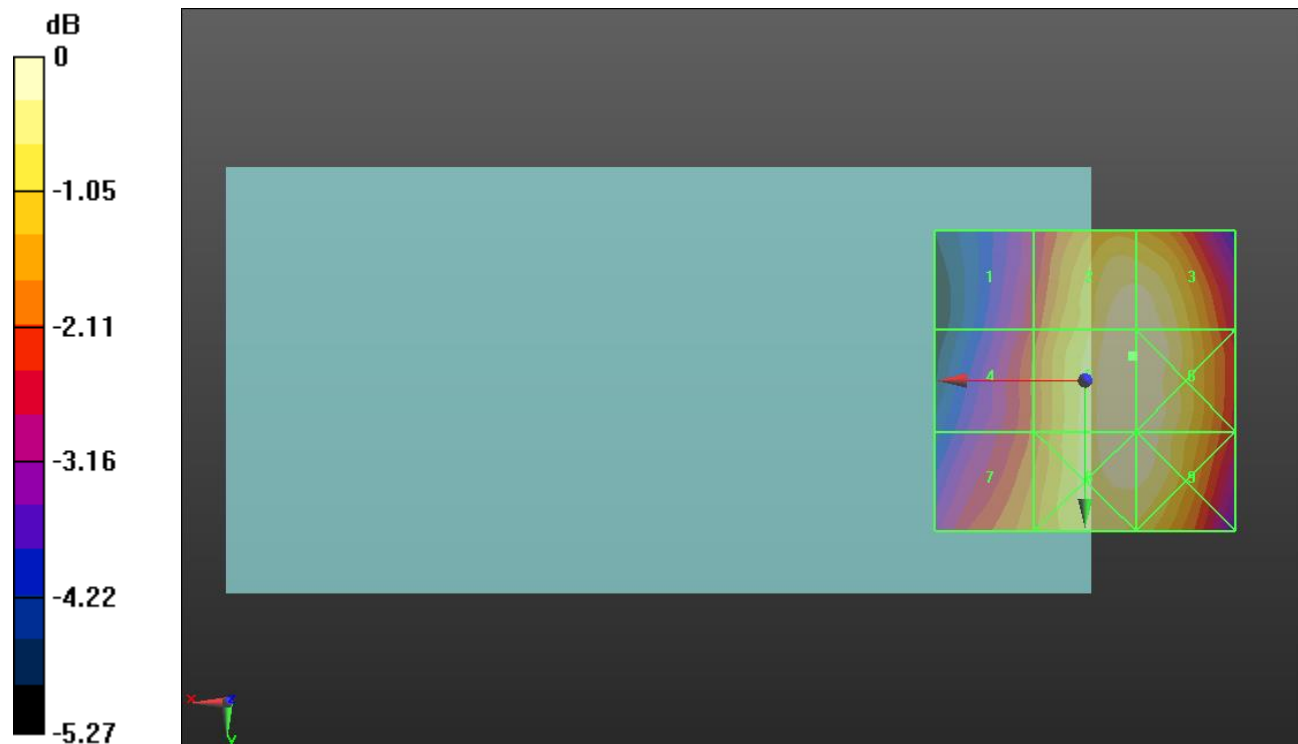
Applied MIF = 3.26 dB

RF audio interference level = 27.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.86 dBV/m	Grid 2 M4 27.13 dBV/m	Grid 3 M4 27.11 dBV/m
Grid 4 M4 25.24 dBV/m	Grid 5 M4 27.2 dBV/m	Grid 6 M4 27.2 dBV/m
Grid 7 M4 25.75 dBV/m	Grid 8 M4 27.17 dBV/m	Grid 9 M4 27.17 dBV/m



0 dB = 22.92 V/m = 27.20 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 2.666 V/m; Power Drift = 0.69 dB

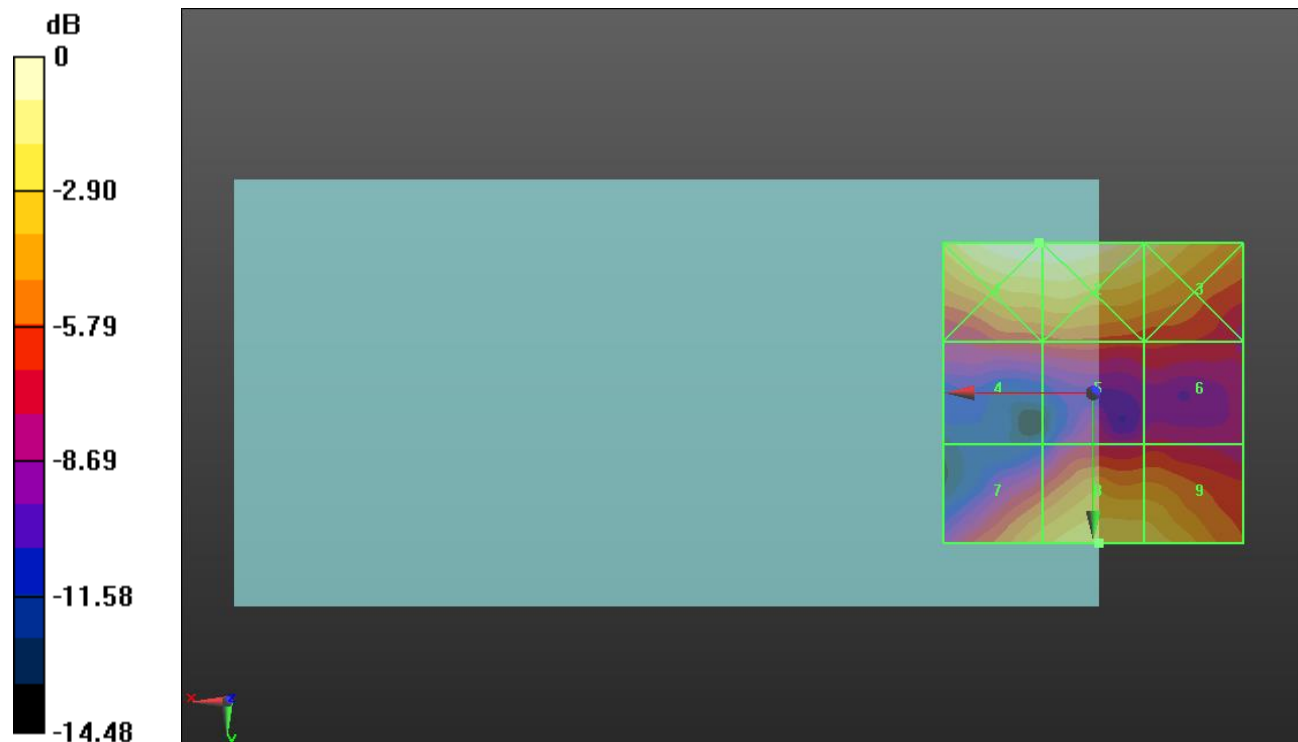
Applied MIF = 3.26 dB

RF audio interference level = 20.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.15 dBV/m	Grid 2 M4 22.15 dBV/m	Grid 3 M4 20.75 dBV/m
Grid 4 M4 15.75 dBV/m	Grid 5 M4 16.16 dBV/m	Grid 6 M4 15.71 dBV/m
Grid 7 M4 18.99 dBV/m	Grid 8 M4 20.17 dBV/m	Grid 9 M4 19.82 dBV/m



0 dB = 12.82 V/m = 22.16 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 2.797 V/m; Power Drift = -0.11 dB

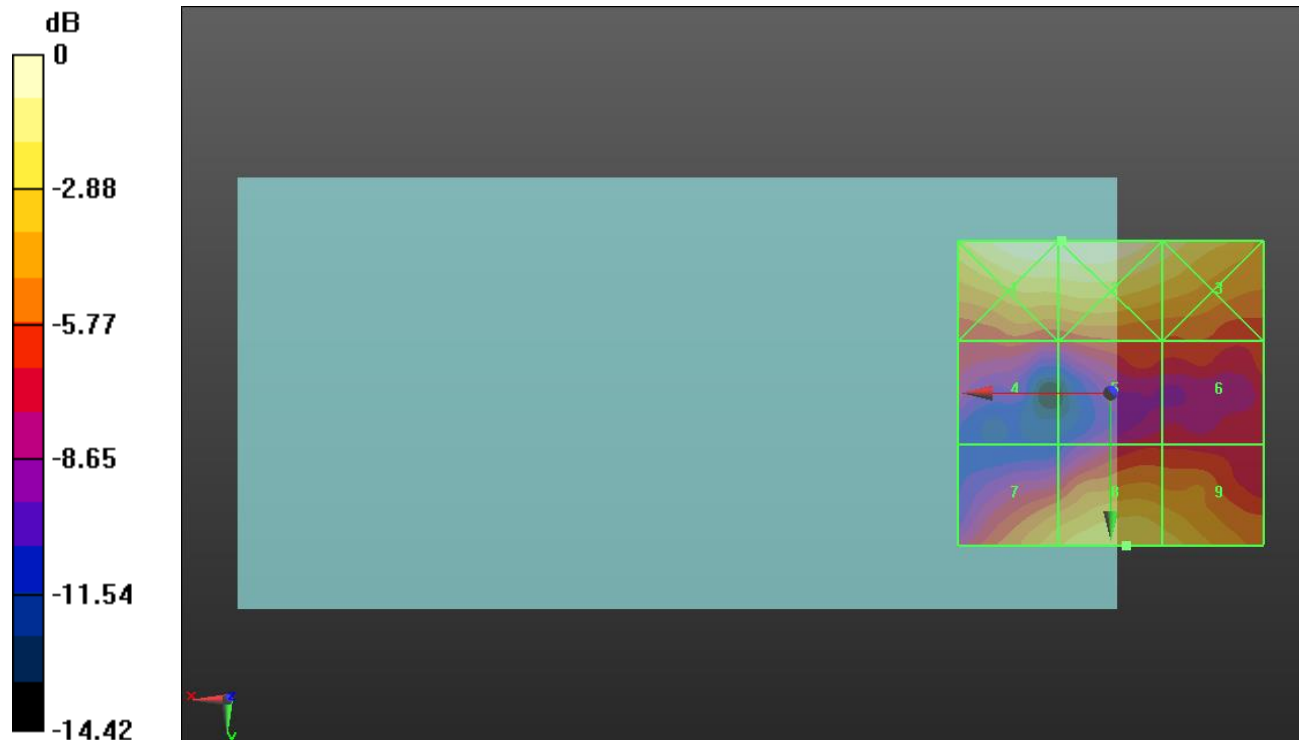
Applied MIF = 3.26 dB

RF audio interference level = 19.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.17 dBV/m	Grid 2 M4 21.17 dBV/m	Grid 3 M4 19.98 dBV/m
Grid 4 M4 14.91 dBV/m	Grid 5 M4 15.43 dBV/m	Grid 6 M4 15.4 dBV/m
Grid 7 M4 18.14 dBV/m	Grid 8 M4 19.23 dBV/m	Grid 9 M4 18.91 dBV/m



0 dB = 11.44 V/m = 21.17 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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 = 3.537 V/m; Power Drift = -0.30 dB

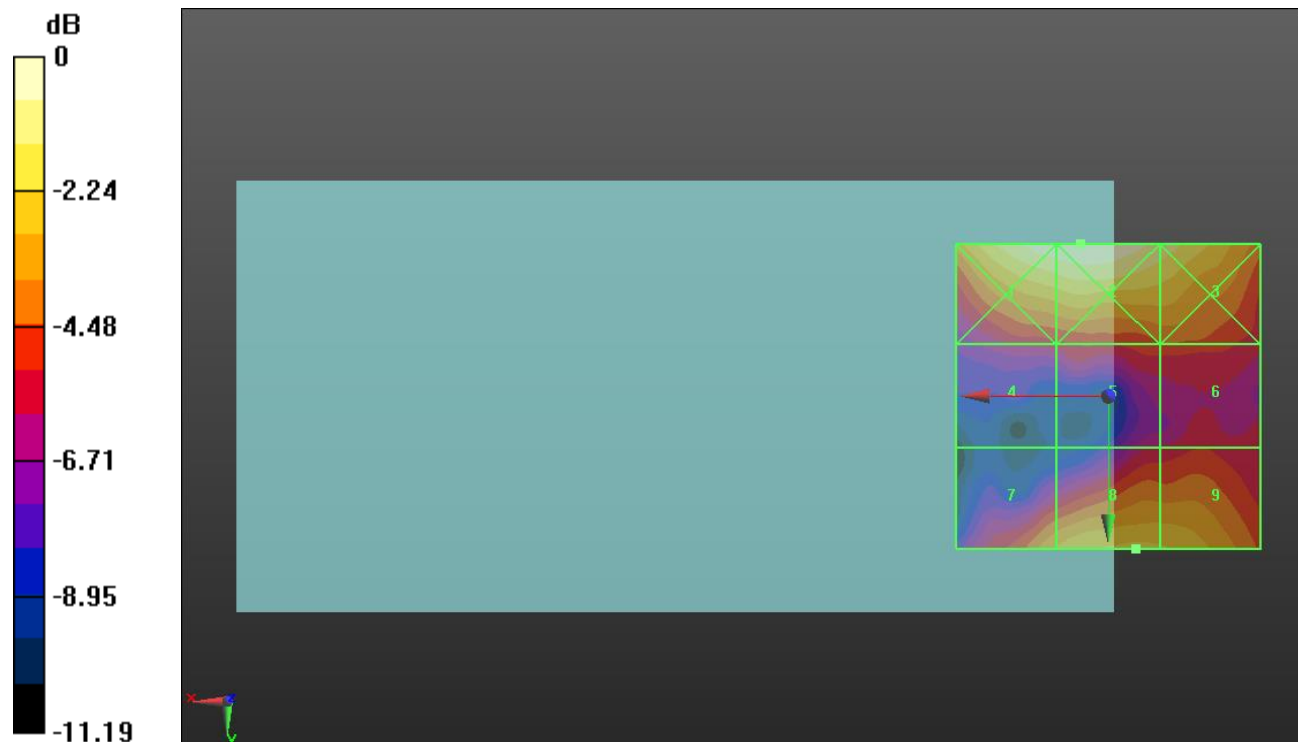
Applied MIF = 3.26 dB

RF audio interference level = 19.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.97 dBV/m	Grid 2 M4 21.09 dBV/m	Grid 3 M4 20.12 dBV/m
Grid 4 M4 15.55 dBV/m	Grid 5 M4 16.49 dBV/m	Grid 6 M4 16.56 dBV/m
Grid 7 M4 18.17 dBV/m	Grid 8 M4 19.14 dBV/m	Grid 9 M4 18.98 dBV/m



0 dB = 11.34 V/m = 21.09 dBV/m