

## 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 Sn1359; Calibrated: 2/17/2014
- 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/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 = 32.50 V/m; Power Drift = -0.00 dB

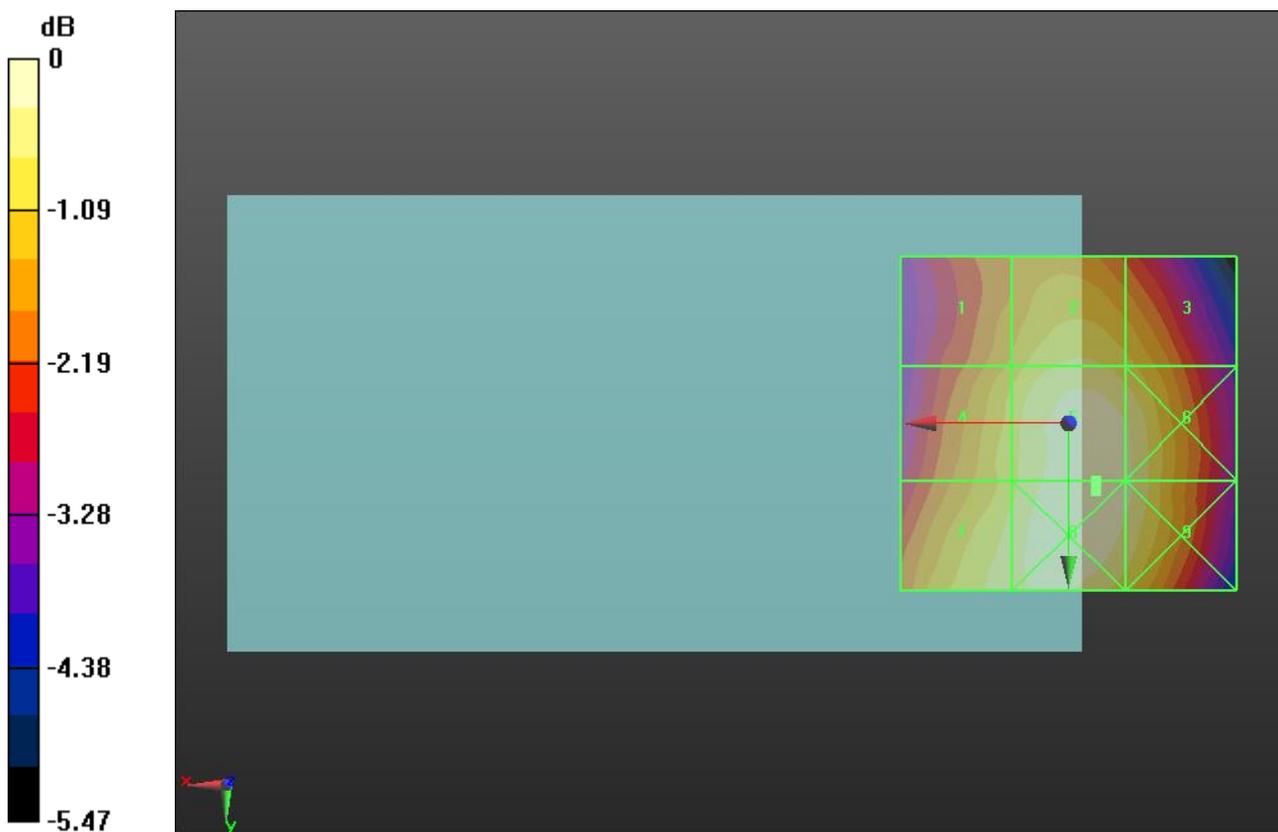
Applied MIF = 3.26 dB

RF audio interference level = 31.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>30.15 dBV/m</b>	Grid 2 <b>M4</b> <b>30.86 dBV/m</b>	Grid 3 <b>M4</b> <b>30.56 dBV/m</b>
Grid 4 <b>M4</b> <b>30.67 dBV/m</b>	Grid 5 <b>M4</b> <b>31.47 dBV/m</b>	Grid 6 <b>M4</b> <b>31.25 dBV/m</b>
Grid 7 <b>M4</b> <b>31.04 dBV/m</b>	Grid 8 <b>M4</b> <b>31.49 dBV/m</b>	Grid 9 <b>M4</b> <b>31.26 dBV/m</b>



0 dB = 37.54 V/m = 31.49 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 Sn1359; Calibrated: 2/17/2014
- 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/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 = 35.28 V/m; Power Drift = 0.16 dB

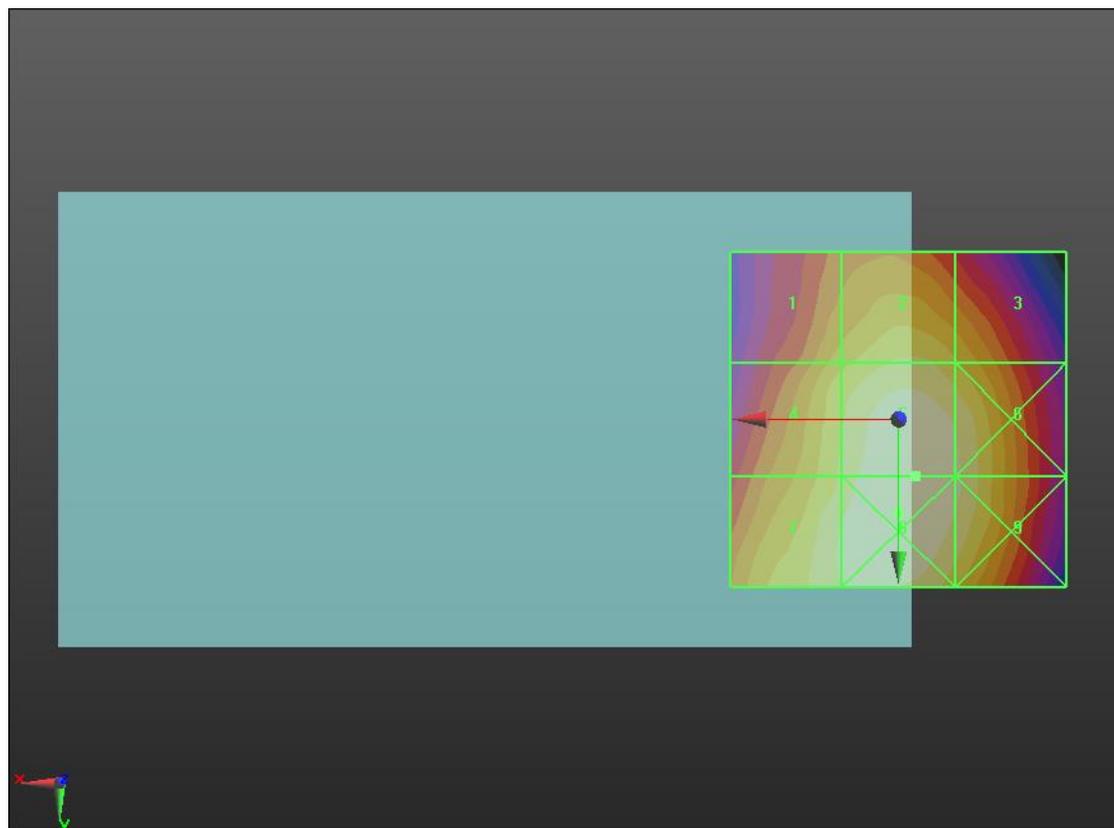
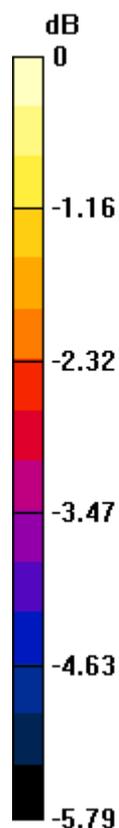
Applied MIF = 3.26 dB

RF audio interference level = 32.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>31.21 dBV/m</b>	Grid 2 <b>M4</b> <b>31.81 dBV/m</b>	Grid 3 <b>M4</b> <b>31.4 dBV/m</b>
Grid 4 <b>M4</b> <b>31.81 dBV/m</b>	Grid 5 <b>M4</b> <b>32.47 dBV/m</b>	Grid 6 <b>M4</b> <b>32.21 dBV/m</b>
Grid 7 <b>M4</b> <b>32.18 dBV/m</b>	Grid 8 <b>M4</b> <b>32.51 dBV/m</b>	Grid 9 <b>M4</b> <b>32.22 dBV/m</b>



0 dB = 42.20 V/m = 32.51 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 Sn1359; Calibrated: 2/17/2014
- 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/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 = 31.13 V/m; Power Drift = -0.19 dB

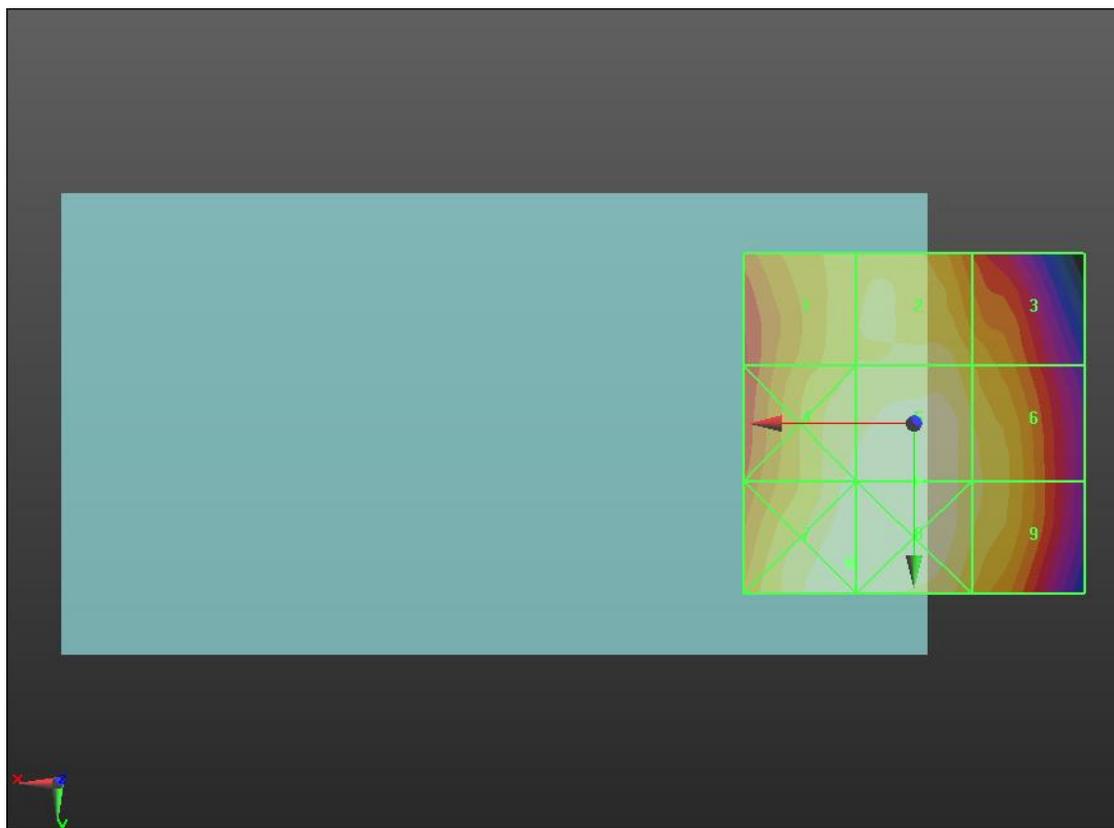
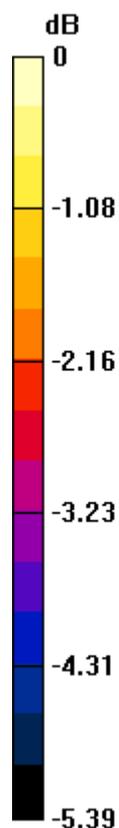
Applied MIF = 3.26 dB

RF audio interference level = 30.67 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>30.07 dBV/m</b>	Grid 2 <b>M4</b> <b>30.24 dBV/m</b>	Grid 3 <b>M4</b> <b>29.76 dBV/m</b>
Grid 4 <b>M4</b> <b>30.5 dBV/m</b>	Grid 5 <b>M4</b> <b>30.67 dBV/m</b>	Grid 6 <b>M4</b> <b>30.22 dBV/m</b>
Grid 7 <b>M4</b> <b>30.77 dBV/m</b>	Grid 8 <b>M4</b> <b>30.76 dBV/m</b>	Grid 9 <b>M4</b> <b>30.22 dBV/m</b>



0 dB = 34.57 V/m = 30.77 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 Sn1359; Calibrated: 2/17/2014
- 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/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 = 6.983 V/m; Power Drift = 0.51 dB

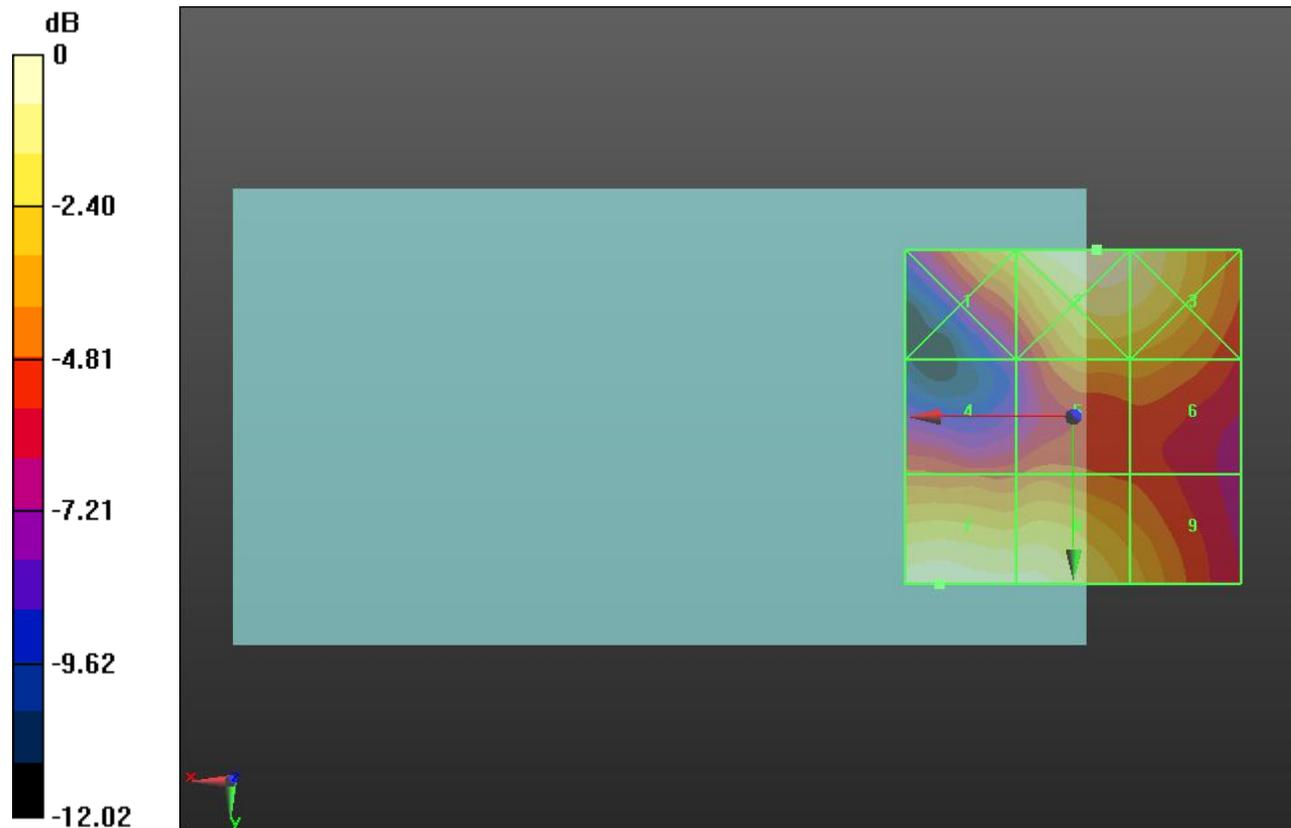
Applied MIF = 3.26 dB

RF audio interference level = 24.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.19 dBV/m</b>	Grid 2 <b>M4</b> <b>24.87 dBV/m</b>	Grid 3 <b>M4</b> <b>24.42 dBV/m</b>
Grid 4 <b>M4</b> <b>20.28 dBV/m</b>	Grid 5 <b>M4</b> <b>21.62 dBV/m</b>	Grid 6 <b>M4</b> <b>21.49 dBV/m</b>
Grid 7 <b>M4</b> <b>24.83 dBV/m</b>	Grid 8 <b>M4</b> <b>24.43 dBV/m</b>	Grid 9 <b>M4</b> <b>22.21 dBV/m</b>



0 dB = 17.53 V/m = 24.88 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 Sn1359; Calibrated: 2/17/2014
- 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/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 = 7.823 V/m; Power Drift = 0.55 dB

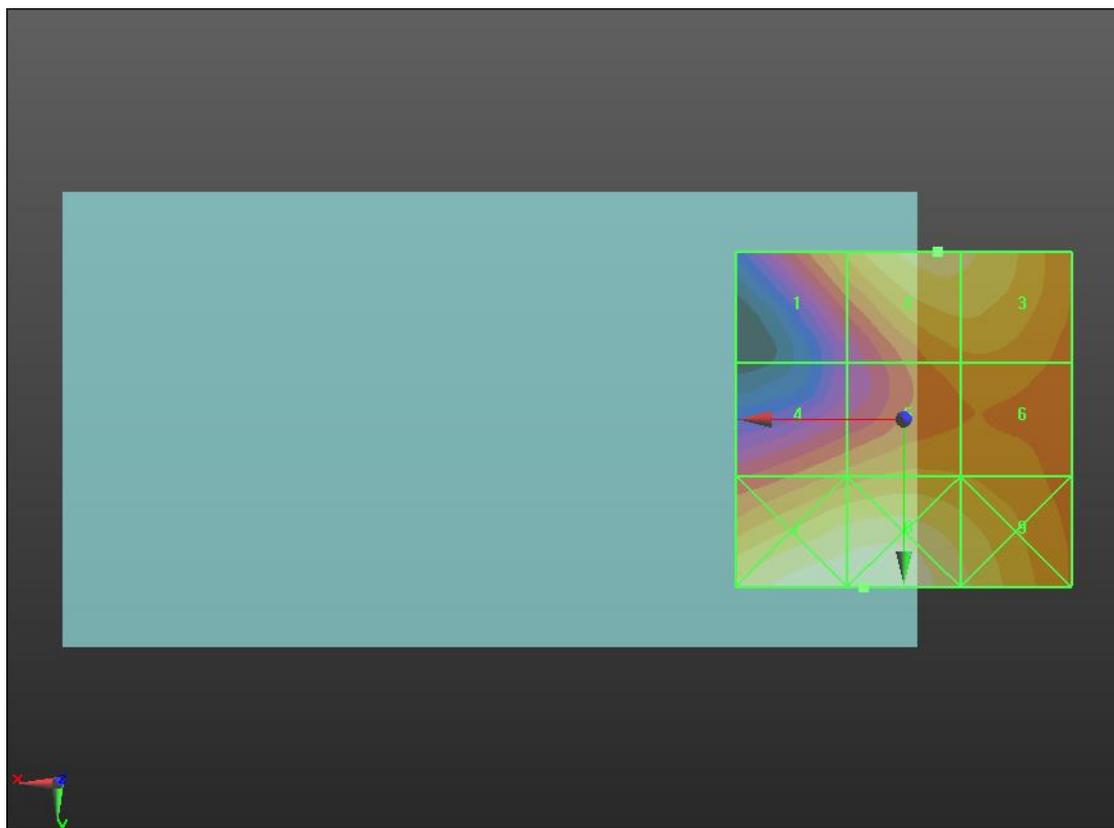
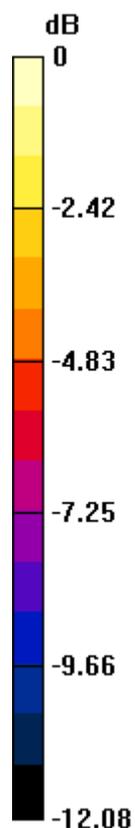
Applied MIF = 3.26 dB

RF audio interference level = 23.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.96 dBV/m</b>	Grid 2 <b>M4</b> <b>23.75 dBV/m</b>	Grid 3 <b>M4</b> <b>23.58 dBV/m</b>
Grid 4 <b>M4</b> <b>21.35 dBV/m</b>	Grid 5 <b>M4</b> <b>22.04 dBV/m</b>	Grid 6 <b>M4</b> <b>21.84 dBV/m</b>
Grid 7 <b>M4</b> <b>24.97 dBV/m</b>	Grid 8 <b>M4</b> <b>25.01 dBV/m</b>	Grid 9 <b>M4</b> <b>23.65 dBV/m</b>



0 dB = 17.80 V/m = 25.01 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 Sn1359; Calibrated: 2/17/2014
- 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/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 = 8.250 V/m; Power Drift = -0.34 dB

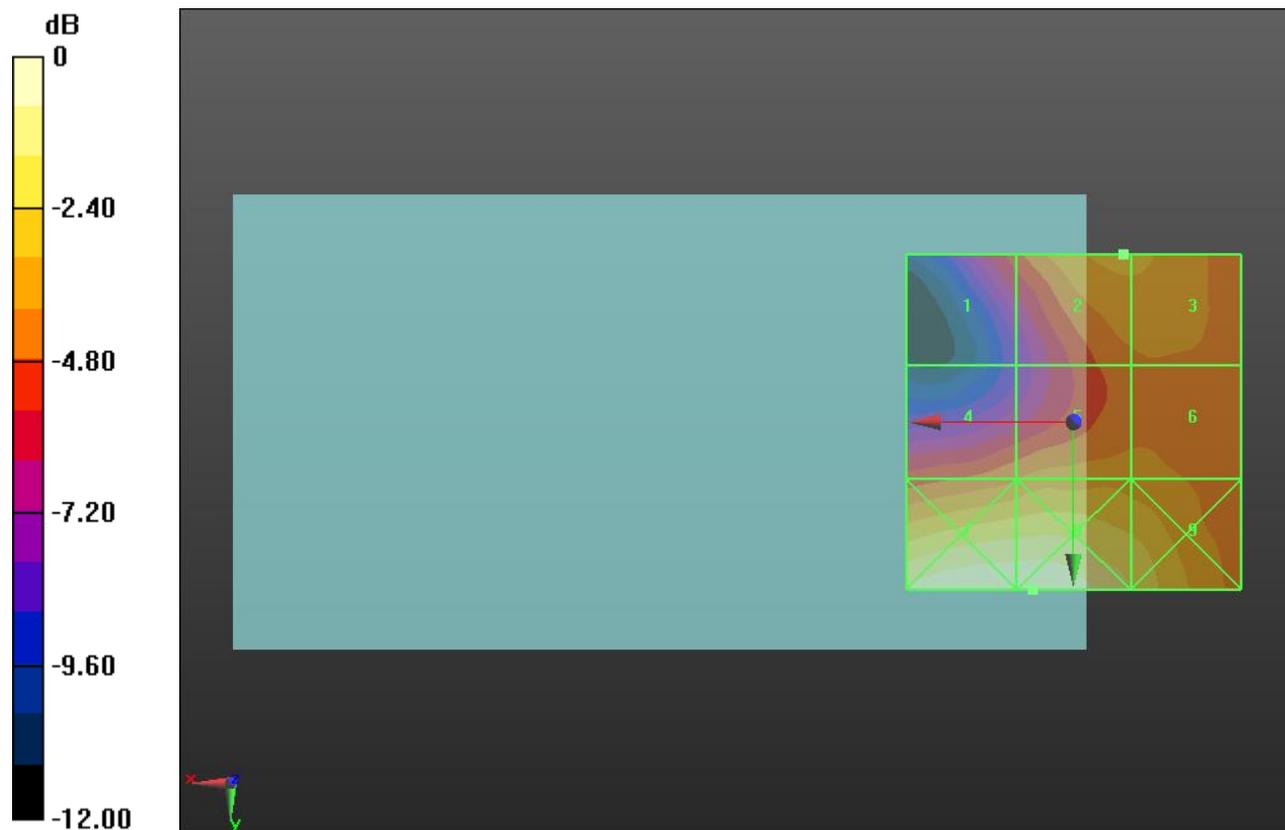
Applied MIF = 3.26 dB

RF audio interference level = 22.32 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.26 dBV/m</b>	Grid 2 <b>M4</b> <b>22.32 dBV/m</b>	Grid 3 <b>M4</b> <b>22.32 dBV/m</b>
Grid 4 <b>M4</b> <b>21.26 dBV/m</b>	Grid 5 <b>M4</b> <b>21.87 dBV/m</b>	Grid 6 <b>M4</b> <b>21.74 dBV/m</b>
Grid 7 <b>M4</b> <b>25.23 dBV/m</b>	Grid 8 <b>M4</b> <b>25.27 dBV/m</b>	Grid 9 <b>M4</b> <b>23.69 dBV/m</b>



0 dB = 18.35 V/m = 25.27 dBV/m

## HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 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 = 34.61 V/m; Power Drift = 0.09 dB

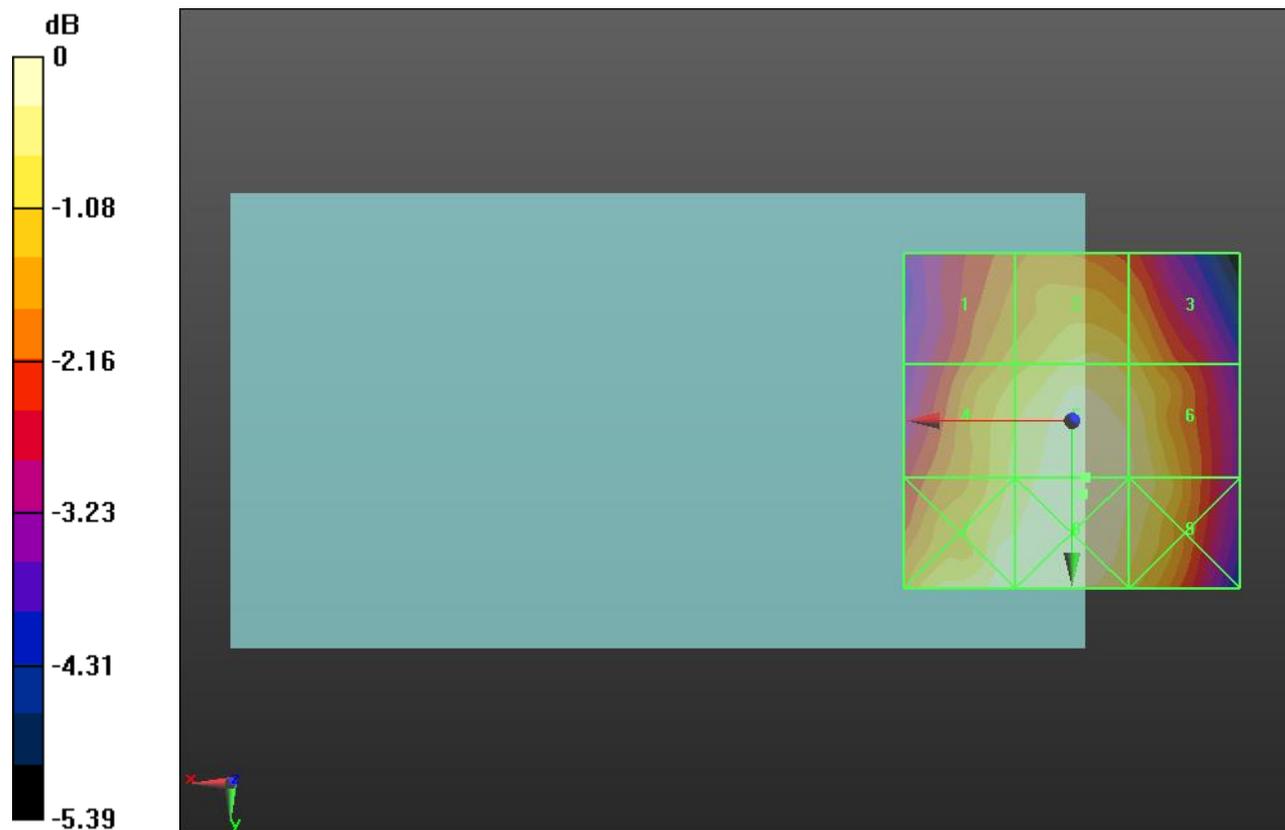
Applied MIF = 3.26 dB

RF audio interference level = 31.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>30.77 dBV/m</b>	Grid 2 <b>M4</b> <b>31.4 dBV/m</b>	Grid 3 <b>M4</b> <b>31.12 dBV/m</b>
Grid 4 <b>M4</b> <b>31.39 dBV/m</b>	Grid 5 <b>M4</b> <b>31.98 dBV/m</b>	Grid 6 <b>M4</b> <b>31.7 dBV/m</b>
Grid 7 <b>M4</b> <b>31.9 dBV/m</b>	Grid 8 <b>M4</b> <b>32 dBV/m</b>	Grid 9 <b>M4</b> <b>31.68 dBV/m</b>



0 dB = 39.80 V/m = 32.00 dBV/m

## HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 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 = 36.53 V/m; Power Drift = -0.31 dB

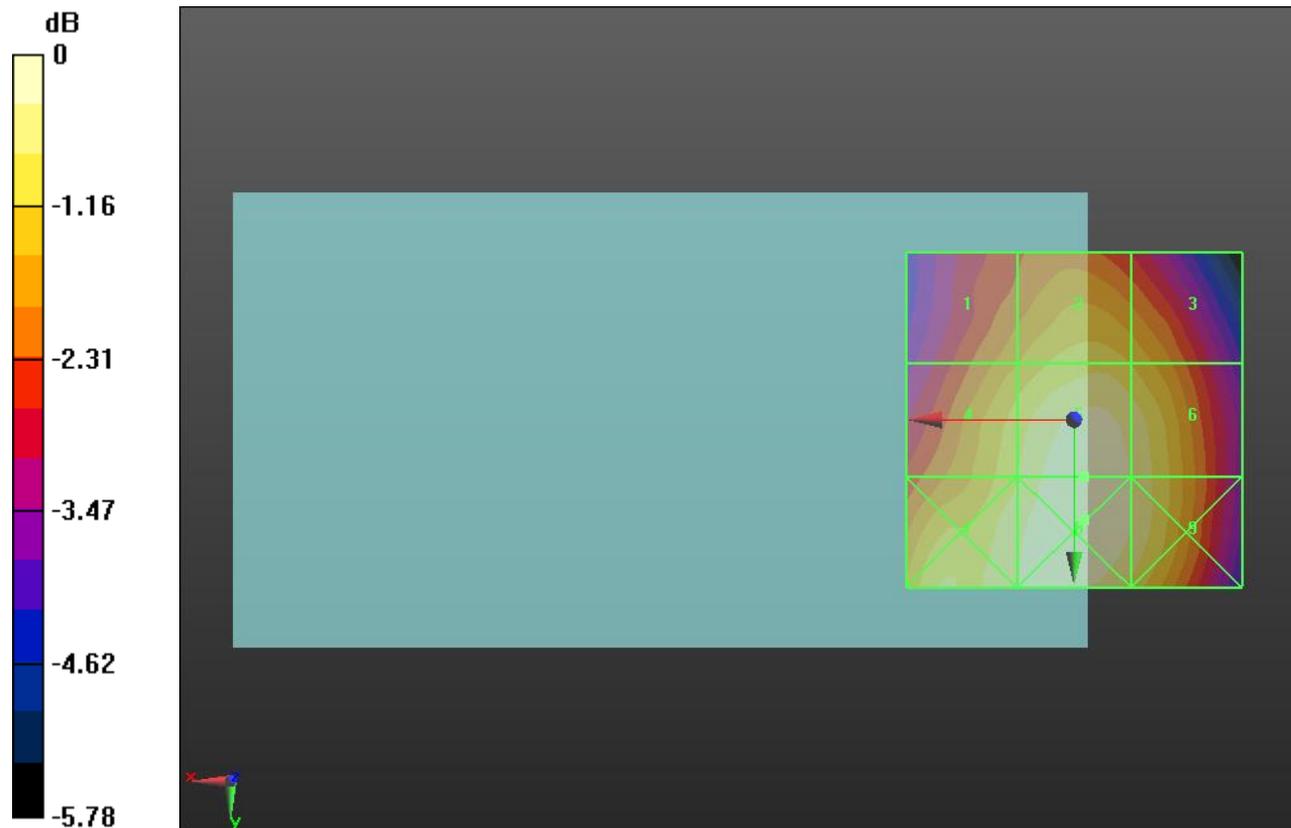
Applied MIF = 3.26 dB

RF audio interference level = 32.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>30.87 dBV/m</b>	Grid 2 <b>M4</b> <b>31.52 dBV/m</b>	Grid 3 <b>M4</b> <b>31.25 dBV/m</b>
Grid 4 <b>M4</b> <b>31.64 dBV/m</b>	Grid 5 <b>M4</b> <b>32.33 dBV/m</b>	Grid 6 <b>M4</b> <b>32.01 dBV/m</b>
Grid 7 <b>M4</b> <b>32.03 dBV/m</b>	Grid 8 <b>M4</b> <b>32.43 dBV/m</b>	Grid 9 <b>M4</b> <b>32.07 dBV/m</b>



0 dB = 41.81 V/m = 32.43 dBV/m

## HAC-RF Emission

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 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 = 32.33 V/m; Power Drift = -0.08 dB

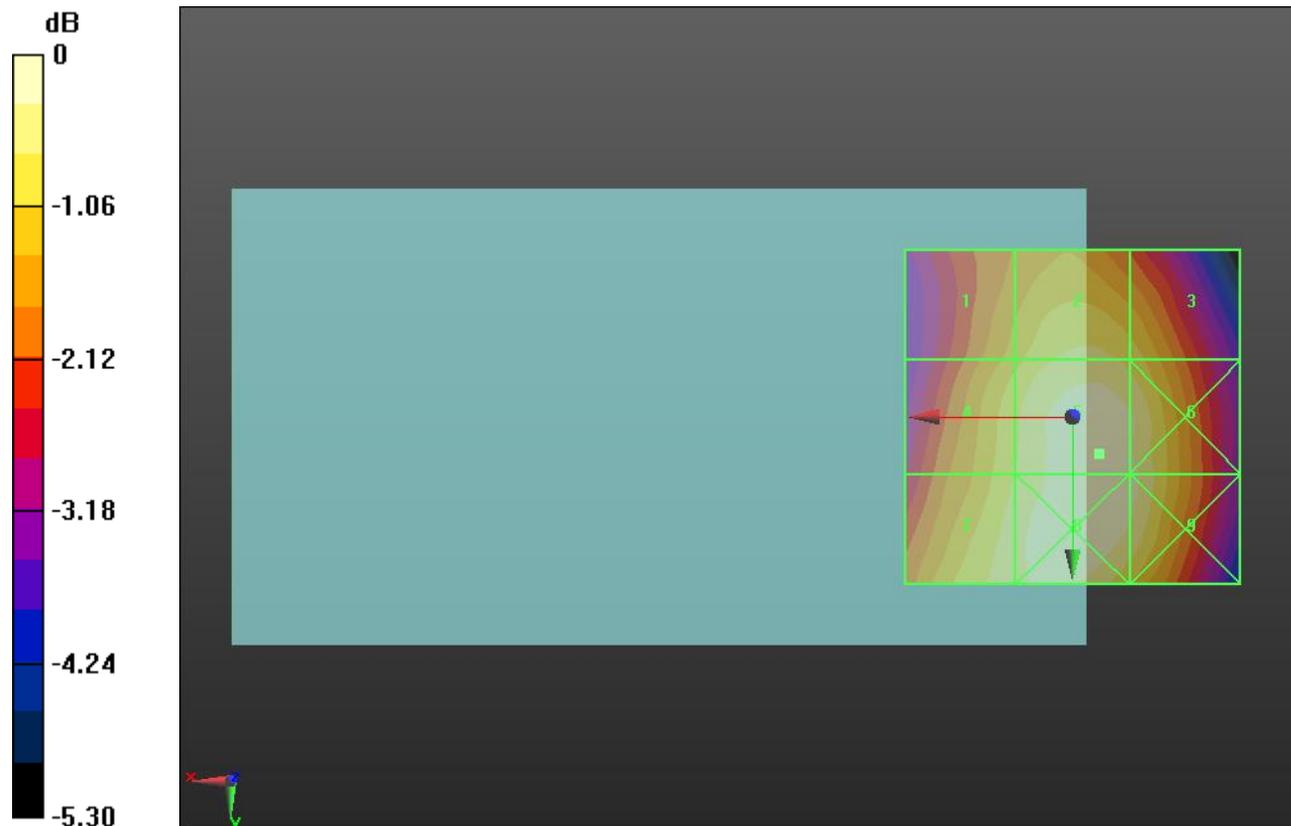
Applied MIF = 3.26 dB

RF audio interference level = 31.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>30.16 dBV/m</b>	Grid 2 <b>M4</b> <b>30.76 dBV/m</b>	Grid 3 <b>M4</b> <b>30.52 dBV/m</b>
Grid 4 <b>M4</b> <b>30.64 dBV/m</b>	Grid 5 <b>M4</b> <b>31.33 dBV/m</b>	Grid 6 <b>M4</b> <b>31.1 dBV/m</b>
Grid 7 <b>M4</b> <b>30.86 dBV/m</b>	Grid 8 <b>M4</b> <b>31.32 dBV/m</b>	Grid 9 <b>M4</b> <b>31.12 dBV/m</b>



0 dB = 36.86 V/m = 31.33 dBV/m