

## 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 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)

### GSM850 E-Field measurement (with Wireless Charging Battery Cover with Front 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 = 59.71 V/m; Power Drift = 0.14 dB

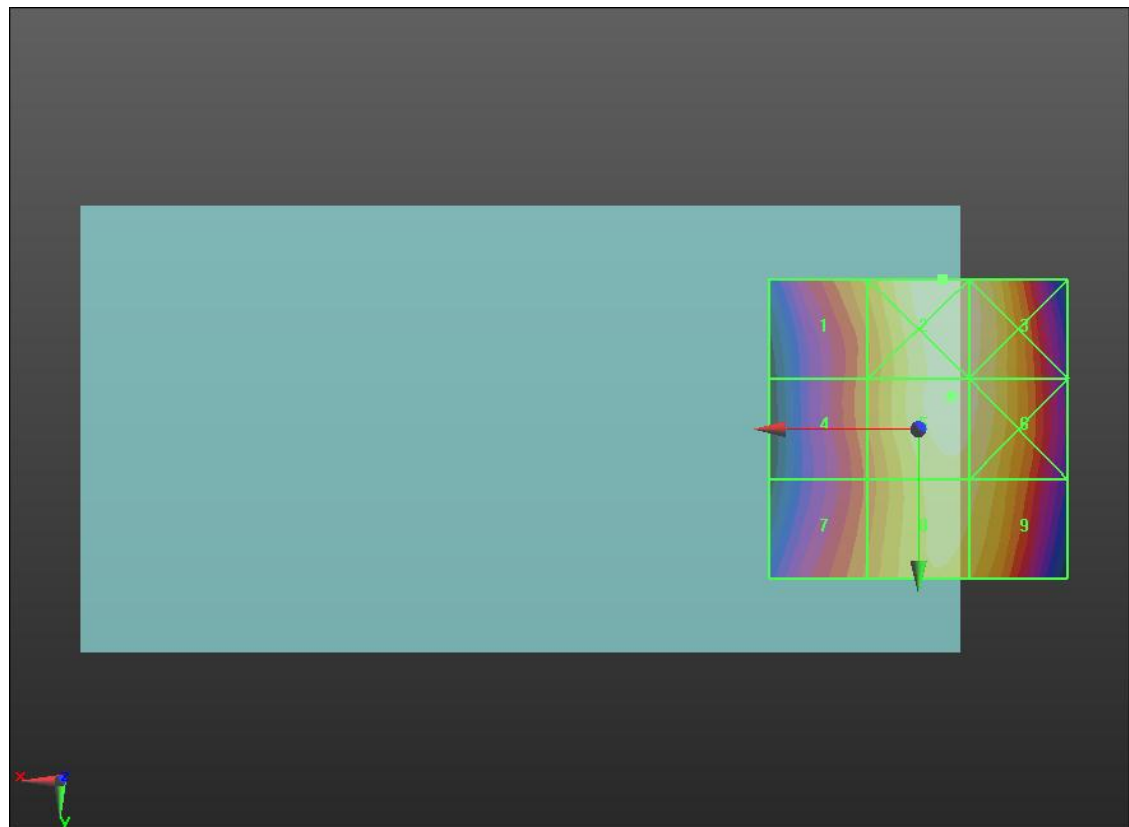
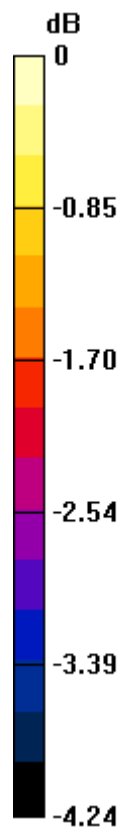
Applied MIF = 3.63 dB

RF audio interference level = 37.52 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>36.56 dBV/m</b>	Grid 2 <b>M4</b> <b>37.61 dBV/m</b>	Grid 3 <b>M4</b> <b>37.51 dBV/m</b>
Grid 4 <b>M4</b> <b>36.25 dBV/m</b>	Grid 5 <b>M4</b> <b>37.52 dBV/m</b>	Grid 6 <b>M4</b> <b>37.44 dBV/m</b>
Grid 7 <b>M4</b> <b>36.29 dBV/m</b>	Grid 8 <b>M4</b> <b>37.22 dBV/m</b>	Grid 9 <b>M4</b> <b>37.17 dBV/m</b>



0 dB = 75.94 V/m = 37.61 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 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)

### GSM1900 E-Field measurement (with Wireless Charging Battery Cover with Front 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 = 7.221 V/m; Power Drift = 0.25 dB

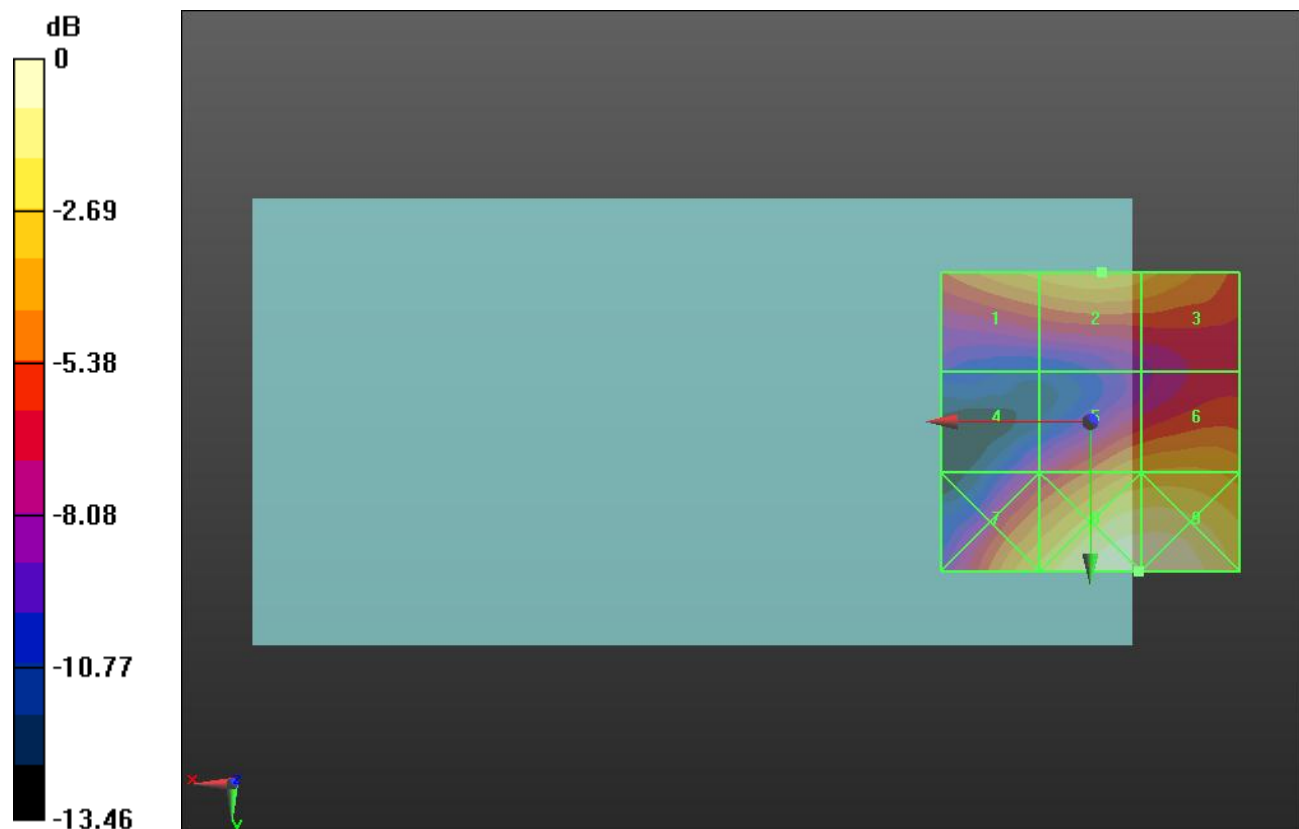
Applied MIF = 3.63 dB

RF audio interference level = 25.58 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.07 dBV/m</b>	Grid 2 <b>M4</b> <b>25.58 dBV/m</b>	Grid 3 <b>M4</b> <b>25.12 dBV/m</b>
Grid 4 <b>M4</b> <b>20.83 dBV/m</b>	Grid 5 <b>M4</b> <b>24.72 dBV/m</b>	Grid 6 <b>M4</b> <b>24.93 dBV/m</b>
Grid 7 <b>M4</b> <b>25.88 dBV/m</b>	Grid 8 <b>M4</b> <b>28.27 dBV/m</b>	Grid 9 <b>M4</b> <b>28.27 dBV/m</b>



0 dB = 25.90 V/m = 28.27 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 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 (with Wireless Charging Battery Cover with Front 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 = 26.66 V/m; Power Drift = -0.32 dB

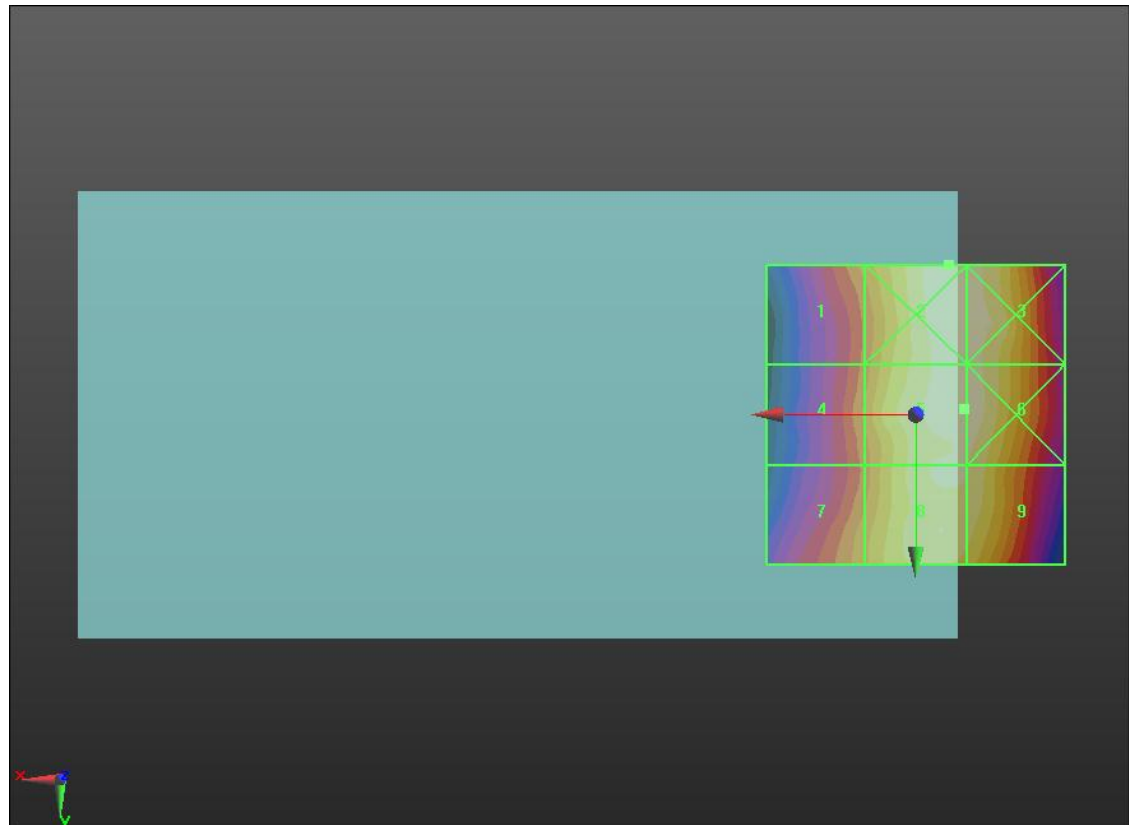
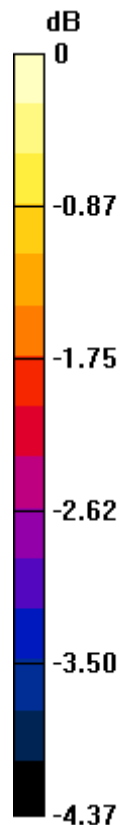
Applied MIF = 3.26 dB

RF audio interference level = 30.11 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.86 dBV/m</b>	Grid 2 <b>M4</b> <b>30.18 dBV/m</b>	Grid 3 <b>M4</b> <b>30.08 dBV/m</b>
Grid 4 <b>M4</b> <b>28.8 dBV/m</b>	Grid 5 <b>M4</b> <b>30.11 dBV/m</b>	Grid 6 <b>M4</b> <b>30.1 dBV/m</b>
Grid 7 <b>M4</b> <b>28.96 dBV/m</b>	Grid 8 <b>M4</b> <b>29.95 dBV/m</b>	Grid 9 <b>M4</b> <b>29.91 dBV/m</b>



0 dB = 32.29 V/m = 30.18 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 (with Wireless Charging Battery Cover with Front 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 = 5.532 V/m; Power Drift = -0.17 dB

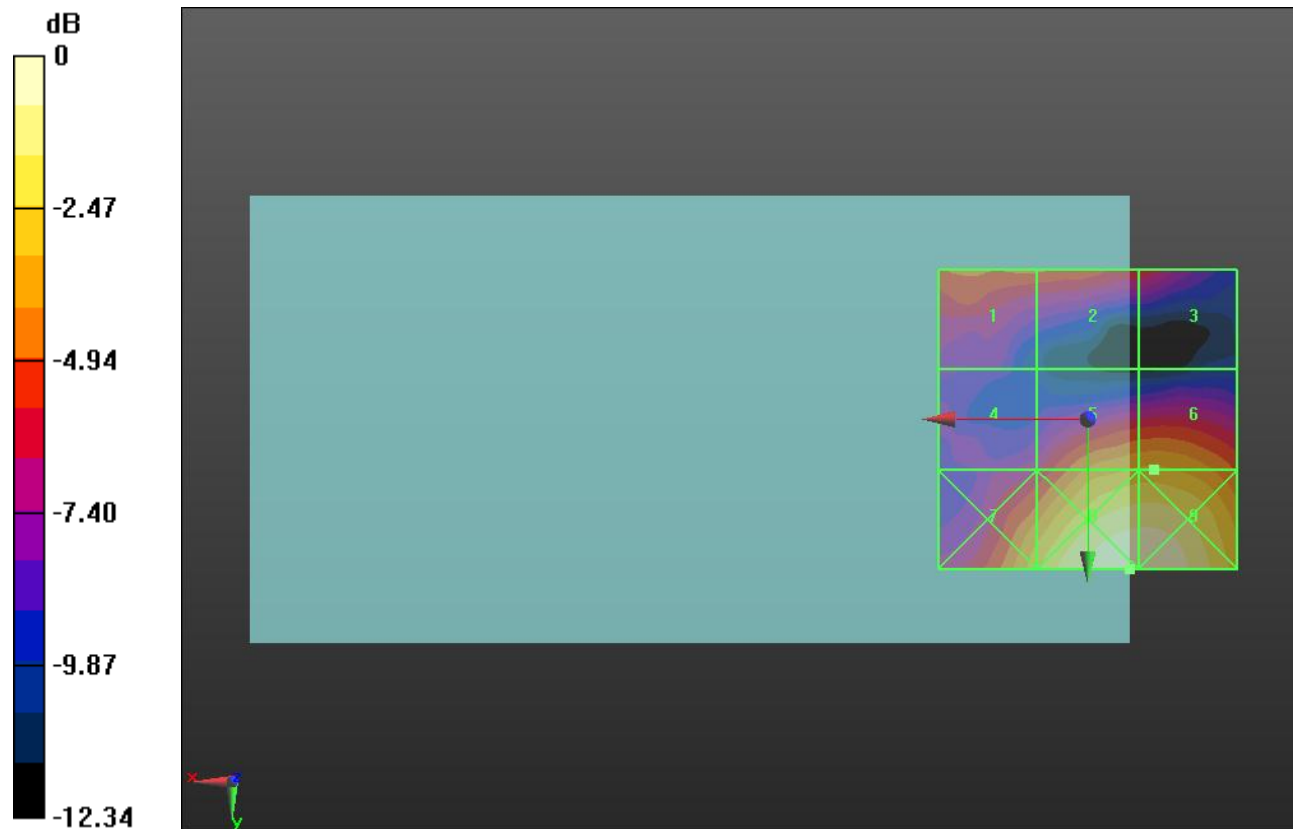
Applied MIF = 3.26 dB

RF audio interference level = 19.99 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.45 dBV/m</b>	Grid 2 <b>M4</b> <b>18.38 dBV/m</b>	Grid 3 <b>M4</b> <b>17.11 dBV/m</b>
Grid 4 <b>M4</b> <b>16.5 dBV/m</b>	Grid 5 <b>M4</b> <b>19.94 dBV/m</b>	Grid 6 <b>M4</b> <b>19.99 dBV/m</b>
Grid 7 <b>M4</b> <b>20.41 dBV/m</b>	Grid 8 <b>M4</b> <b>23.06 dBV/m</b>	Grid 9 <b>M4</b> <b>23.04 dBV/m</b>



0 dB = 14.23 V/m = 23.06 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 (with Wireless Charging Battery Cover with Front Cover)/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 = 24.74 V/m; Power Drift = -0.13 dB

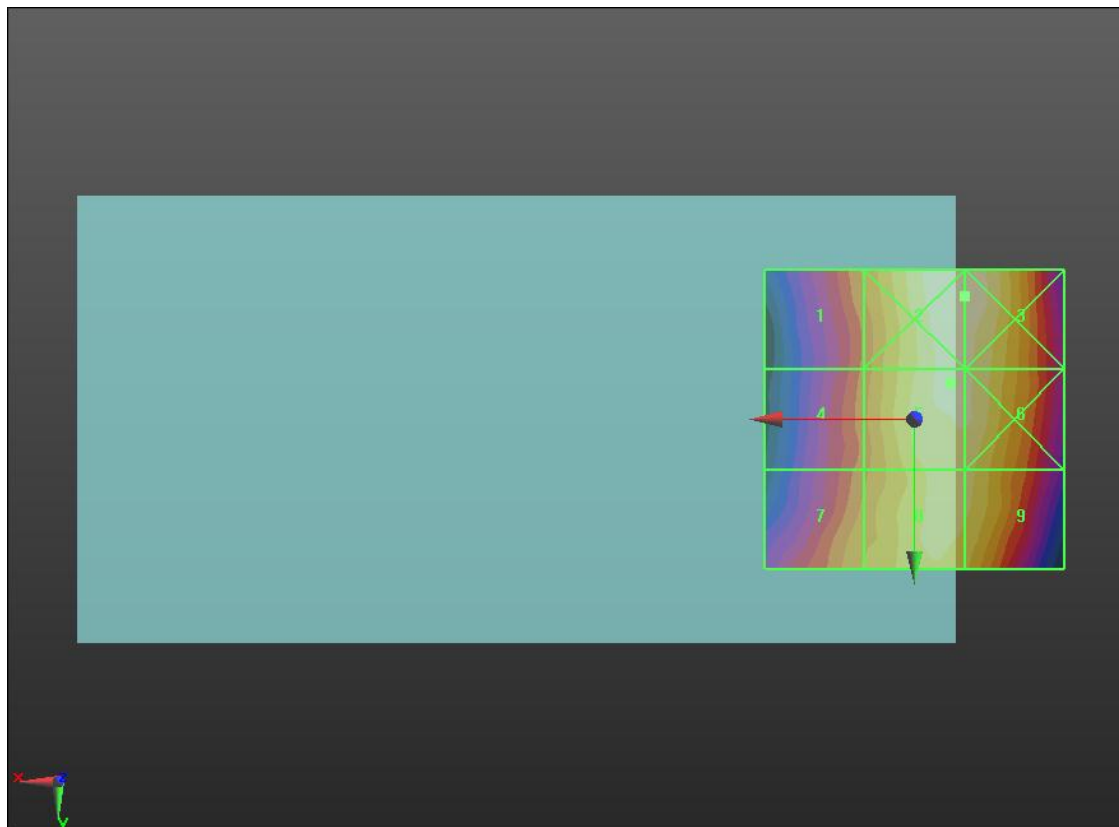
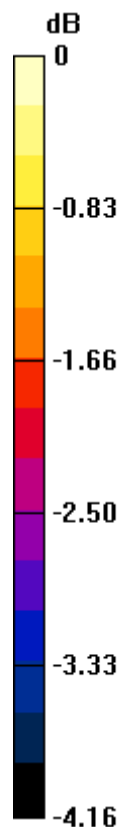
Applied MIF = 3.26 dB

RF audio interference level = 29.45 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.3 dBV/m</b>	Grid 2 <b>M4</b> <b>29.62 dBV/m</b>	Grid 3 <b>M4</b> <b>29.62 dBV/m</b>
Grid 4 <b>M4</b> <b>28.17 dBV/m</b>	Grid 5 <b>M4</b> <b>29.45 dBV/m</b>	Grid 6 <b>M4</b> <b>29.4 dBV/m</b>
Grid 7 <b>M4</b> <b>28.55 dBV/m</b>	Grid 8 <b>M4</b> <b>29.3 dBV/m</b>	Grid 9 <b>M4</b> <b>29.19 dBV/m</b>



0 dB = 30.27 V/m = 29.62 dBV/m

## 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 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)

### GSM850 E-Field measurement (with Wireless Charging Battery Cover without Front 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 = 62.40 V/m; Power Drift = -0.05 dB

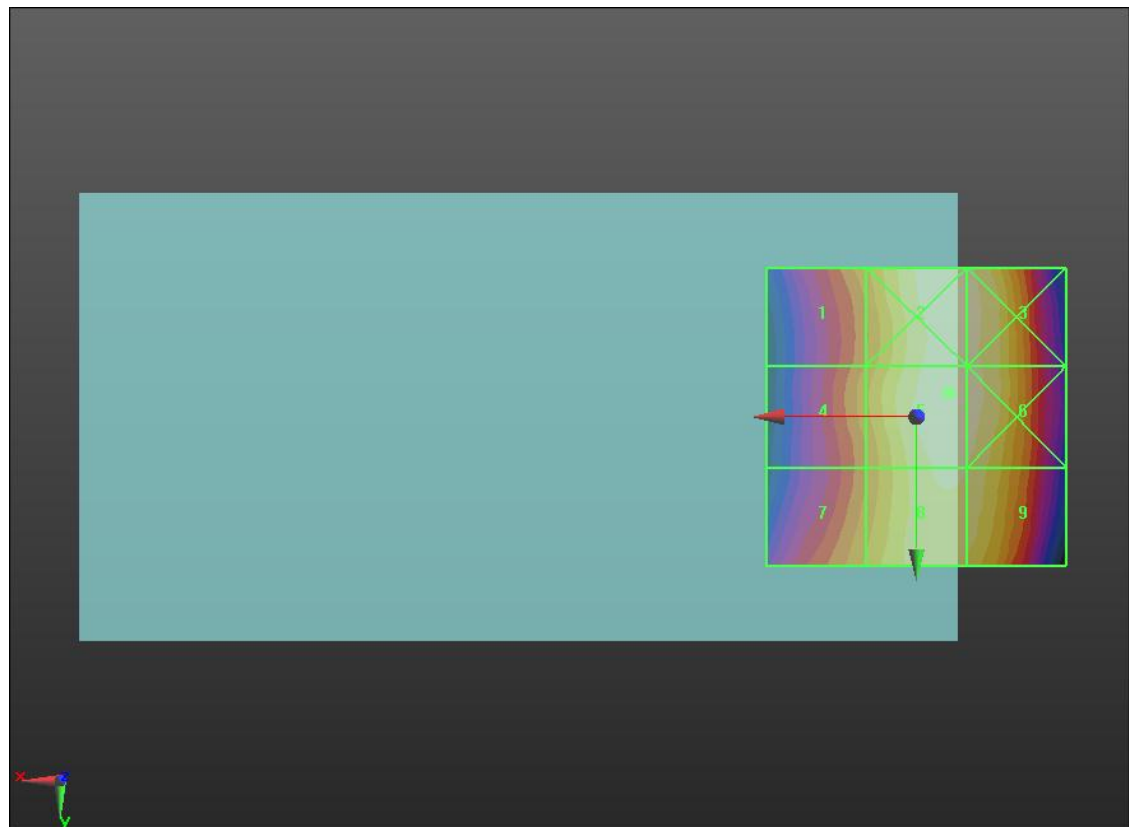
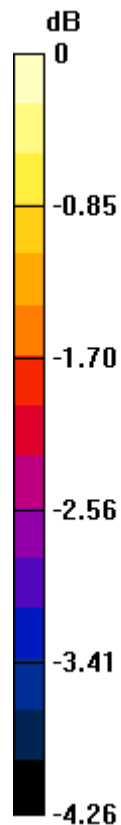
Applied MIF = 3.63 dB

RF audio interference level = 37.78 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>36.61 dBV/m</b>	Grid 2 <b>M4</b> <b>37.69 dBV/m</b>	Grid 3 <b>M4</b> <b>37.65 dBV/m</b>
Grid 4 <b>M4</b> <b>36.57 dBV/m</b>	Grid 5 <b>M4</b> <b>37.78 dBV/m</b>	Grid 6 <b>M4</b> <b>37.7 dBV/m</b>
Grid 7 <b>M4</b> <b>36.69 dBV/m</b>	Grid 8 <b>M4</b> <b>37.55 dBV/m</b>	Grid 9 <b>M4</b> <b>37.49 dBV/m</b>



0 dB = 77.41 V/m = 37.78 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 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)

### GSM1900 E-Field measurement (with Wireless Charging Battery Cover without Front 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 = 9.145 V/m; Power Drift = 0.16 dB

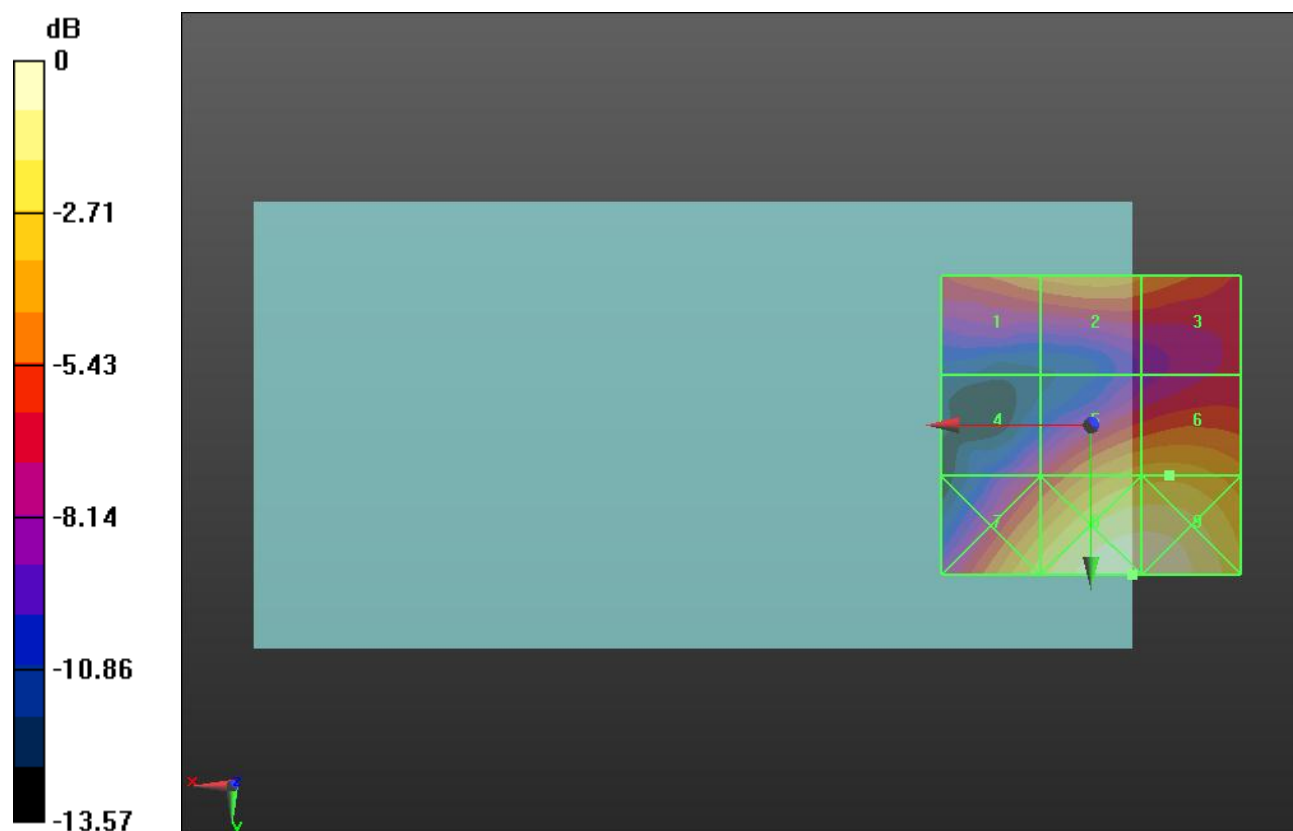
Applied MIF = 3.63 dB

RF audio interference level = 25.94 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.73 dBV/m</b>	Grid 2 <b>M4</b> <b>25.06 dBV/m</b>	Grid 3 <b>M4</b> <b>24.55 dBV/m</b>
Grid 4 <b>M4</b> <b>22.07 dBV/m</b>	Grid 5 <b>M4</b> <b>25.81 dBV/m</b>	Grid 6 <b>M4</b> <b>25.94 dBV/m</b>
Grid 7 <b>M4</b> <b>26.74 dBV/m</b>	Grid 8 <b>M4</b> <b>28.9 dBV/m</b>	Grid 9 <b>M4</b> <b>28.89 dBV/m</b>



0 dB = 27.88 V/m = 28.91 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 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 (with Wireless Charging Battery Cover without Front 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 = 26.62 V/m; Power Drift = -0.08 dB

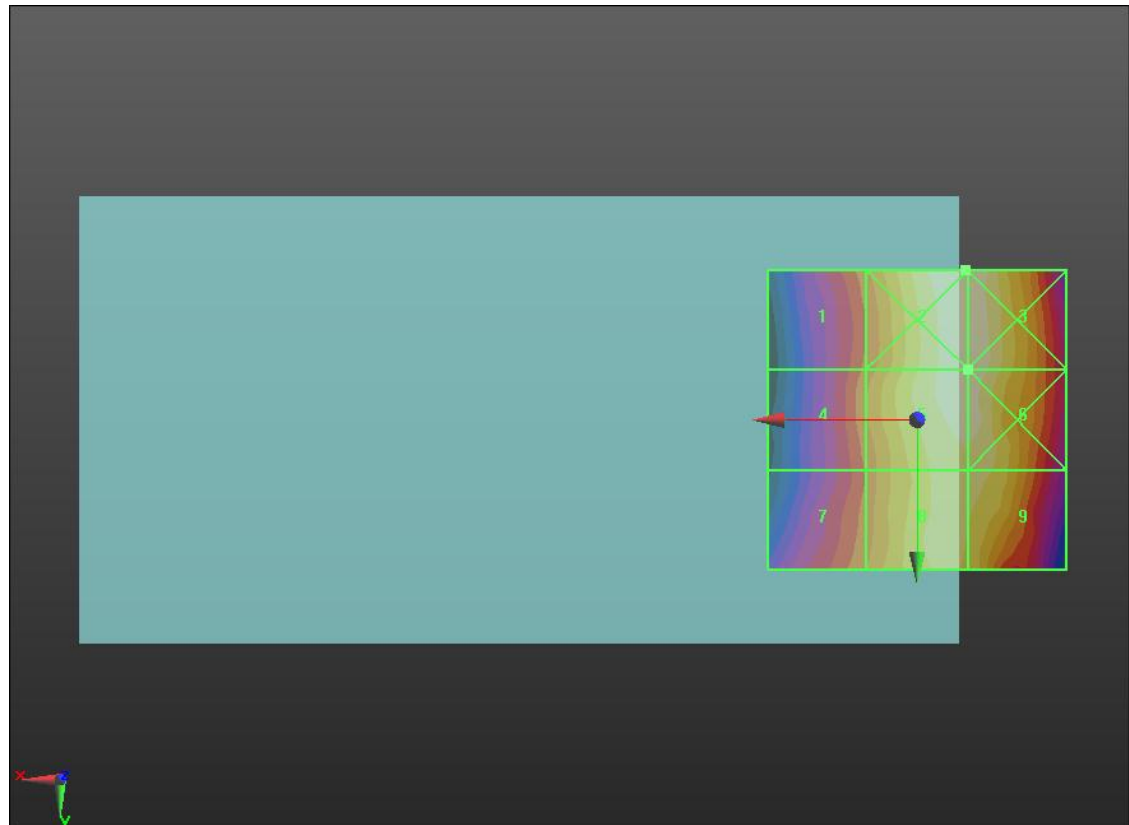
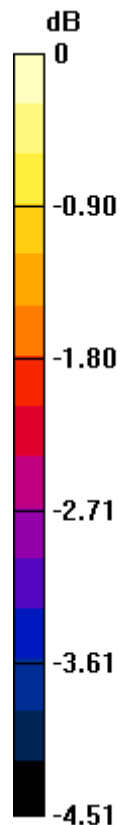
Applied MIF = 3.26 dB

RF audio interference level = 30.48 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.97 dBV/m</b>	Grid 2 <b>M4</b> <b>30.53 dBV/m</b>	Grid 3 <b>M4</b> <b>30.53 dBV/m</b>
Grid 4 <b>M4</b> <b>29.01 dBV/m</b>	Grid 5 <b>M4</b> <b>30.48 dBV/m</b>	Grid 6 <b>M4</b> <b>30.48 dBV/m</b>
Grid 7 <b>M4</b> <b>29.05 dBV/m</b>	Grid 8 <b>M4</b> <b>30.18 dBV/m</b>	Grid 9 <b>M4</b> <b>30.13 dBV/m</b>



0 dB = 33.62 V/m = 30.53 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 (with Wireless Charging Battery Cover without Front 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 = 5.191 V/m; Power Drift = -0.27 dB

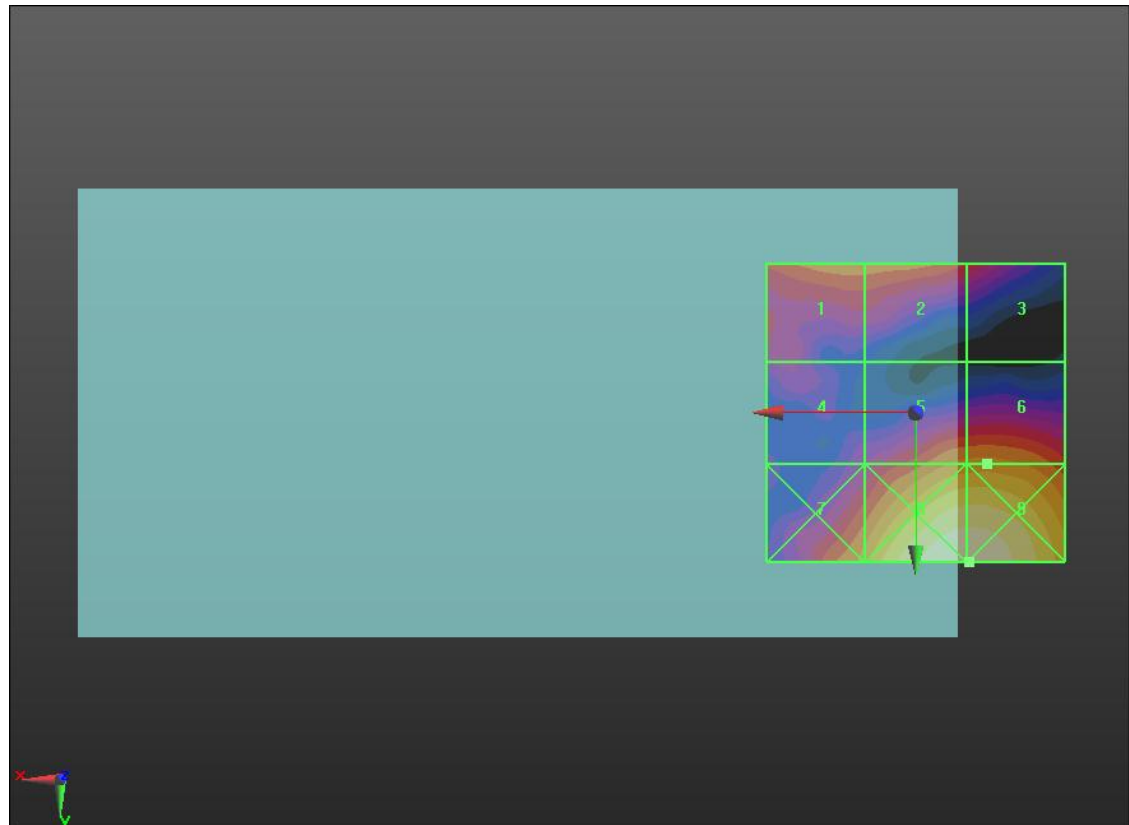
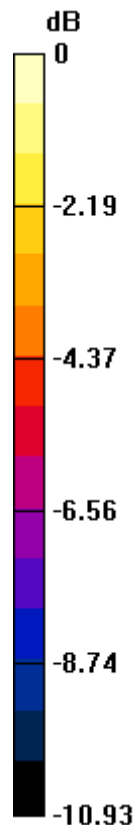
Applied MIF = 3.26 dB

RF audio interference level = 19.95 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.6 dBV/m</b>	Grid 2 <b>M4</b> <b>19.57 dBV/m</b>	Grid 3 <b>M4</b> <b>18.23 dBV/m</b>
Grid 4 <b>M4</b> <b>16.94 dBV/m</b>	Grid 5 <b>M4</b> <b>19.87 dBV/m</b>	Grid 6 <b>M4</b> <b>19.95 dBV/m</b>
Grid 7 <b>M4</b> <b>20.09 dBV/m</b>	Grid 8 <b>M4</b> <b>23.27 dBV/m</b>	Grid 9 <b>M4</b> <b>23.28 dBV/m</b>



0 dB = 14.58 V/m = 23.28 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 (with Wireless Charging Battery Cover without Front Cover)/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 = 26.71 V/m; Power Drift = -0.47 dB

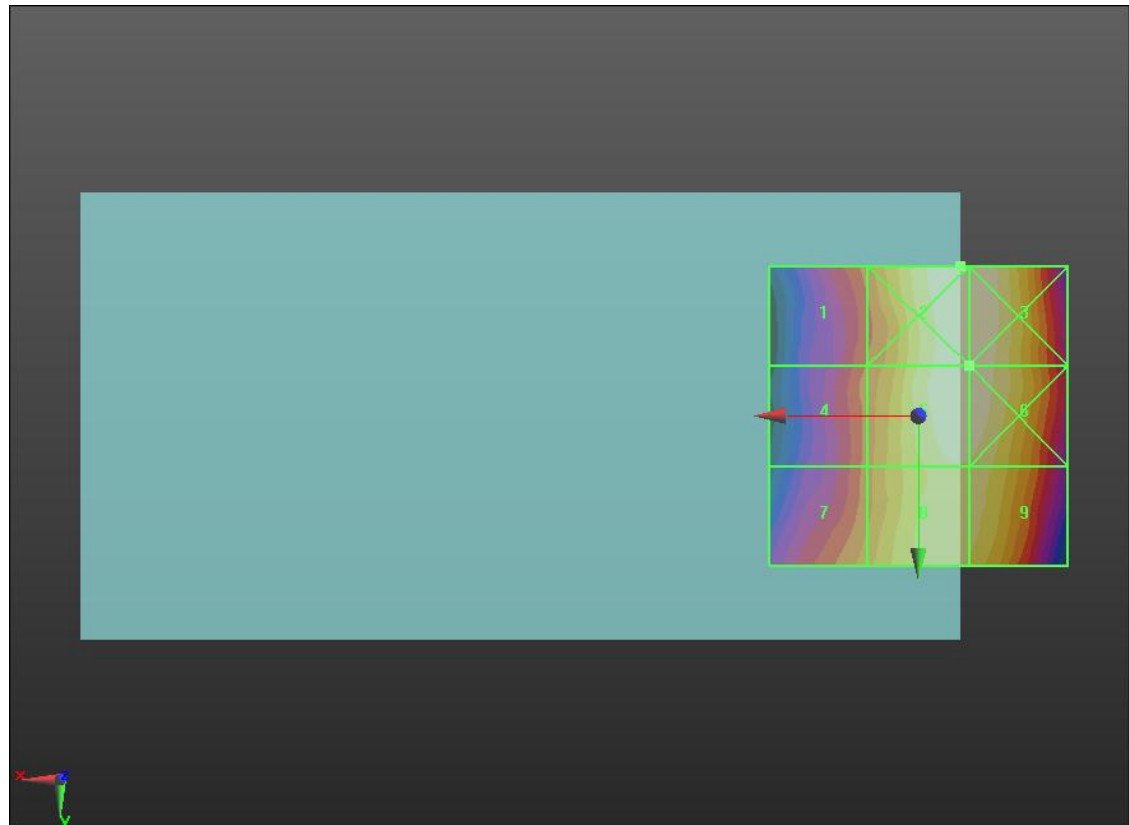
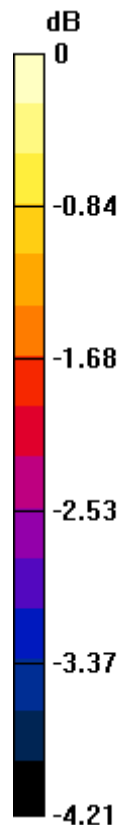
Applied MIF = 3.26 dB

RF audio interference level = 29.88 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.42 dBV/m</b>	Grid 2 <b>M4</b> <b>29.93 dBV/m</b>	Grid 3 <b>M4</b> <b>29.92 dBV/m</b>
Grid 4 <b>M4</b> <b>28.42 dBV/m</b>	Grid 5 <b>M4</b> <b>29.88 dBV/m</b>	Grid 6 <b>M4</b> <b>29.88 dBV/m</b>
Grid 7 <b>M4</b> <b>28.71 dBV/m</b>	Grid 8 <b>M4</b> <b>29.64 dBV/m</b>	Grid 9 <b>M4</b> <b>29.61 dBV/m</b>



0 dB = 31.38 V/m = 29.93 dBV/m