

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_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 = 90.48 V/m; Power Drift = -0.02 dB

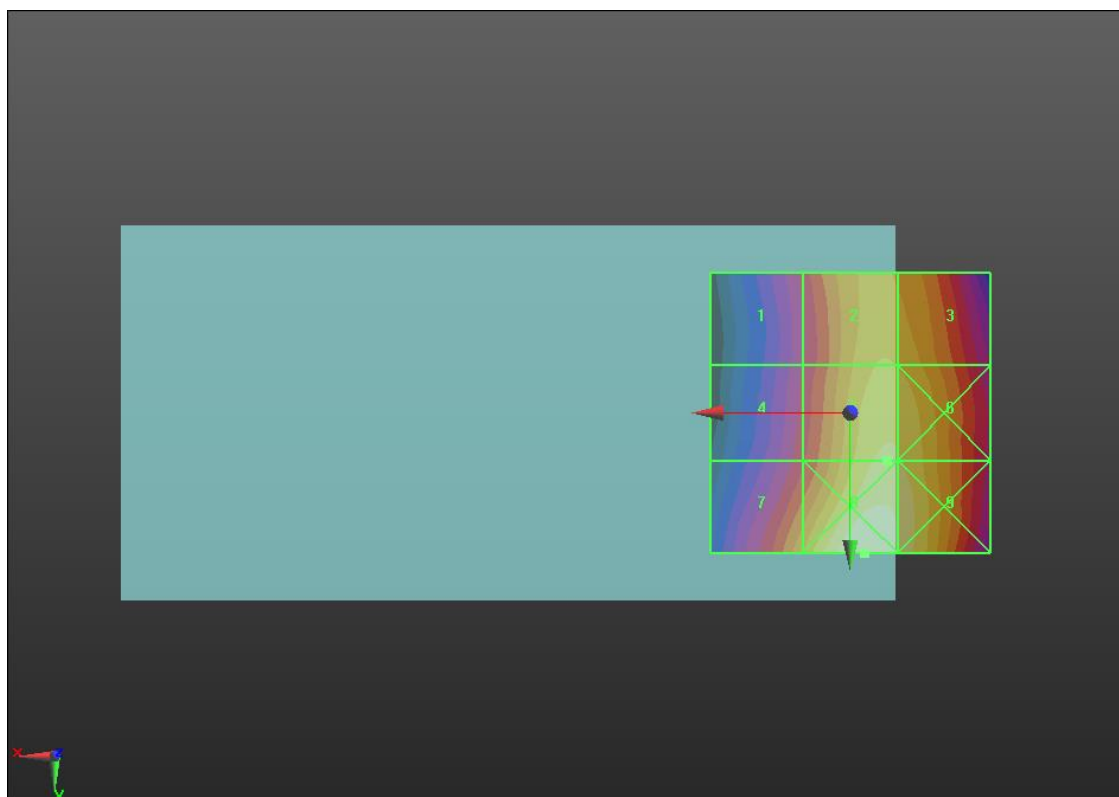
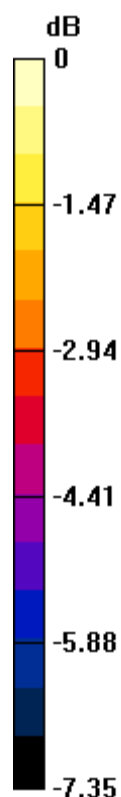
Applied MIF = 3.63 dB

RF audio interference level = 40.59 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>37.74 dBV/m</b>	Grid 2 <b>M3</b> <b>40.04 dBV/m</b>	Grid 3 <b>M4</b> <b>39.96 dBV/m</b>
Grid 4 <b>M4</b> <b>37.96 dBV/m</b>	Grid 5 <b>M3</b> <b>40.59 dBV/m</b>	Grid 6 <b>M3</b> <b>40.53 dBV/m</b>
Grid 7 <b>M4</b> <b>39.5 dBV/m</b>	Grid 8 <b>M3</b> <b>41.45 dBV/m</b>	Grid 9 <b>M3</b> <b>40.98 dBV/m</b>



0 dB = 118.2 V/m = 41.45 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_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 = 89.02 V/m; Power Drift = -0.10 dB

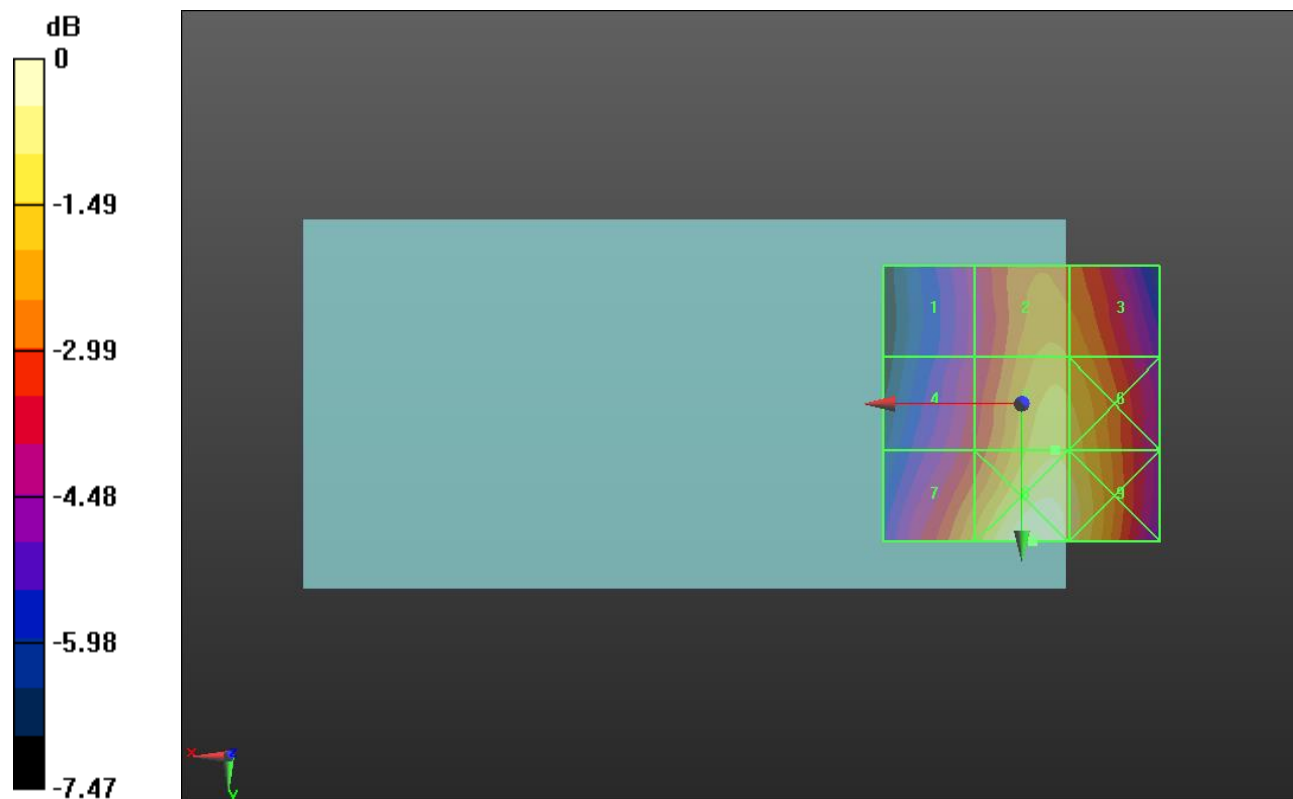
Applied MIF = 3.63 dB

RF audio interference level = 40.30 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>37.25 dBV/m</b>	Grid 2 <b>M4</b> <b>39.52 dBV/m</b>	Grid 3 <b>M4</b> <b>39.37 dBV/m</b>
Grid 4 <b>M4</b> <b>37.94 dBV/m</b>	Grid 5 <b>M3</b> <b>40.3 dBV/m</b>	Grid 6 <b>M3</b> <b>40.18 dBV/m</b>
Grid 7 <b>M4</b> <b>39.56 dBV/m</b>	Grid 8 <b>M3</b> <b>41.35 dBV/m</b>	Grid 9 <b>M3</b> <b>40.72 dBV/m</b>



0 dB = 116.8 V/m = 41.35 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_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<sup>4</sup>

Reference Value = 90.05 V/m; Power Drift = -0.02 dB

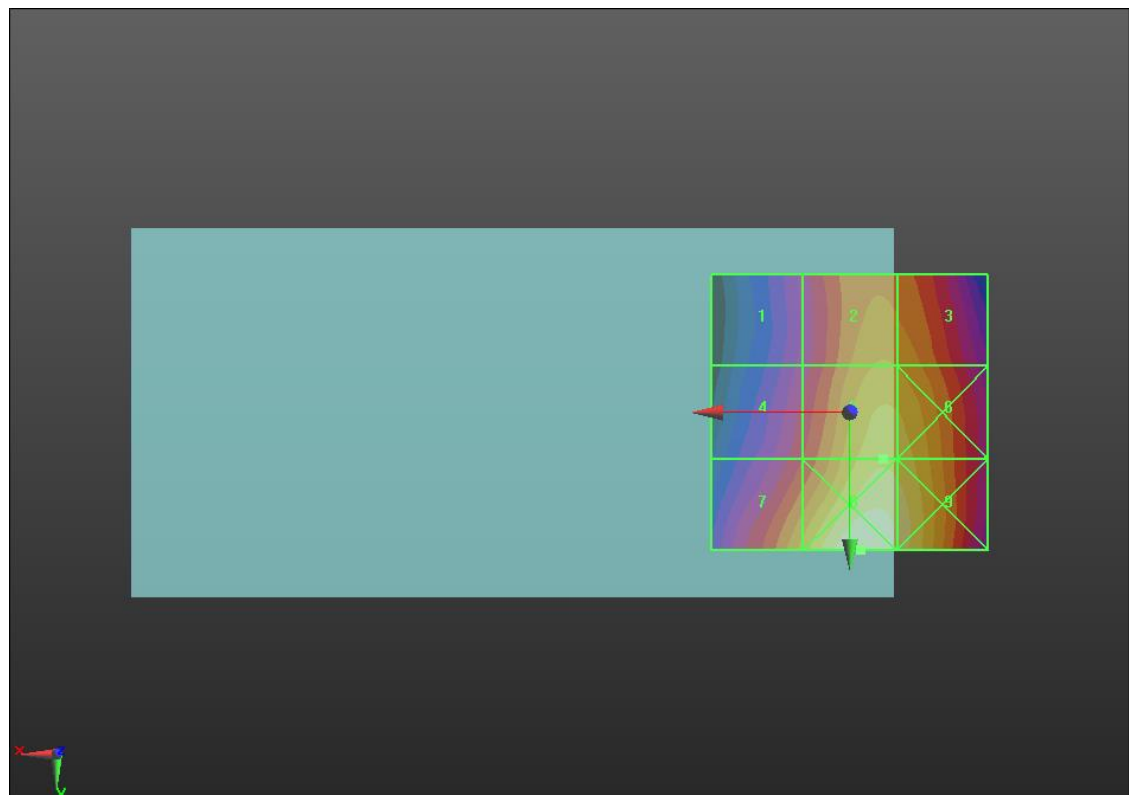
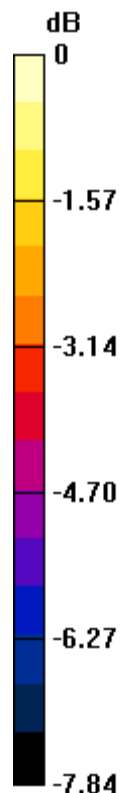
Applied MIF = 3.63 dB

RF audio interference level = 40.58 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>37.28 dBV/m</b>	Grid 2 <b>M4</b> <b>39.69 dBV/m</b>	Grid 3 <b>M4</b> <b>39.6 dBV/m</b>
Grid 4 <b>M4</b> <b>38.1 dBV/m</b>	Grid 5 <b>M3</b> <b>40.58 dBV/m</b>	Grid 6 <b>M3</b> <b>40.49 dBV/m</b>
Grid 7 <b>M4</b> <b>39.88 dBV/m</b>	Grid 8 <b>M3</b> <b>41.71 dBV/m</b>	Grid 9 <b>M3</b> <b>41.11 dBV/m</b>



0 dB = 121.8 V/m = 41.71 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_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 = 16.52 V/m; Power Drift = -0.03 dB

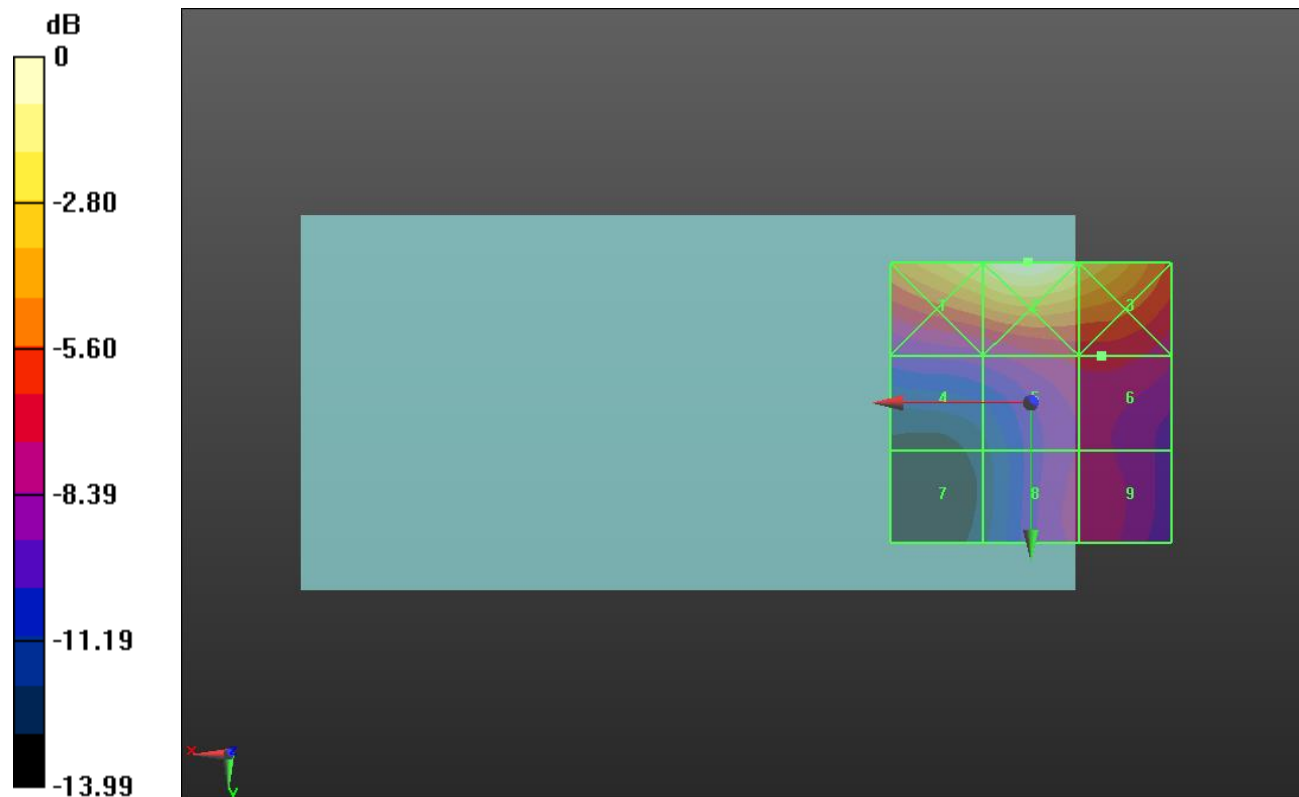
Applied MIF = 3.63 dB

RF audio interference level = 28.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>34.05 dBV/m</b>	Grid 2 <b>M2</b> <b>35.37 dBV/m</b>	Grid 3 <b>M3</b> <b>33.84 dBV/m</b>
Grid 4 <b>M4</b> <b>26.75 dBV/m</b>	Grid 5 <b>M4</b> <b>28.3 dBV/m</b>	Grid 6 <b>M4</b> <b>28.38 dBV/m</b>
Grid 7 <b>M4</b> <b>23.05 dBV/m</b>	Grid 8 <b>M4</b> <b>27.38 dBV/m</b>	Grid 9 <b>M4</b> <b>27.5 dBV/m</b>



0 dB = 58.67 V/m = 35.37 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_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 = 15.90 V/m; Power Drift = 0.01 dB

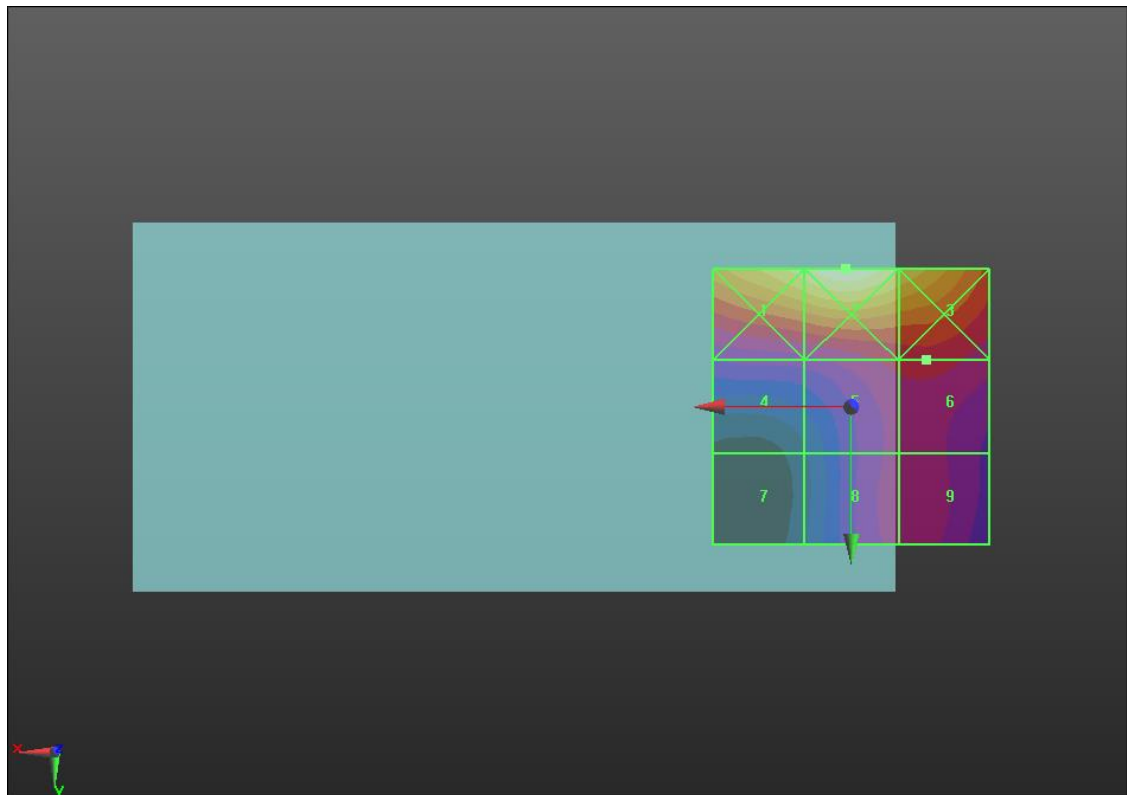
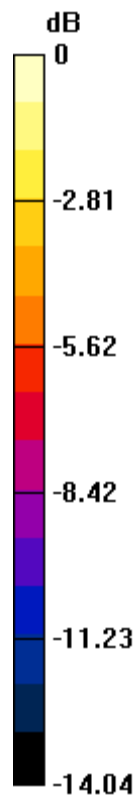
Applied MIF = 3.63 dB

RF audio interference level = 27.74 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>33.54 dBV/m</b>	Grid 2 <b>M3</b> <b>34.71 dBV/m</b>	Grid 3 <b>M3</b> <b>33.11 dBV/m</b>
Grid 4 <b>M4</b> <b>25.96 dBV/m</b>	Grid 5 <b>M4</b> <b>27.58 dBV/m</b>	Grid 6 <b>M4</b> <b>27.74 dBV/m</b>
Grid 7 <b>M4</b> <b>22.47 dBV/m</b>	Grid 8 <b>M4</b> <b>26.86 dBV/m</b>	Grid 9 <b>M4</b> <b>26.97 dBV/m</b>



0 dB = 54.38 V/m = 34.71 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_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 = 15.64 V/m; Power Drift = 0.03 dB

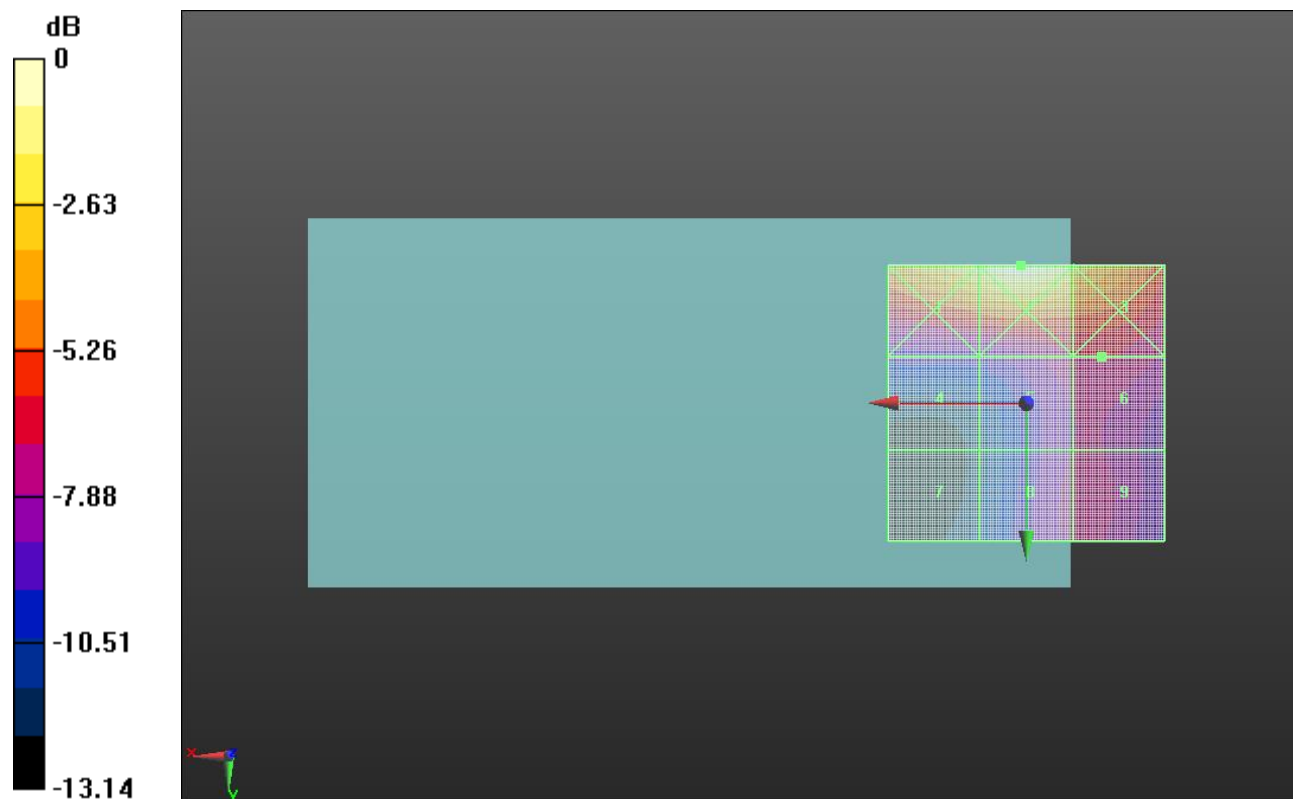
Applied MIF = 3.63 dB

RF audio interference level = 27.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>33.19 dBV/m</b>	Grid 2 <b>M3</b> <b>34.37 dBV/m</b>	Grid 3 <b>M3</b> <b>32.71 dBV/m</b>
Grid 4 <b>M4</b> <b>25.52 dBV/m</b>	Grid 5 <b>M4</b> <b>27.3 dBV/m</b>	Grid 6 <b>M4</b> <b>27.49 dBV/m</b>
Grid 7 <b>M4</b> <b>23.33 dBV/m</b>	Grid 8 <b>M4</b> <b>26.83 dBV/m</b>	Grid 9 <b>M4</b> <b>26.92 dBV/m</b>



0 dB = 52.33 V/m = 34.38 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC0 E-Field measurement/Voice\_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 = 31.08 V/m; Power Drift = 0.05 dB

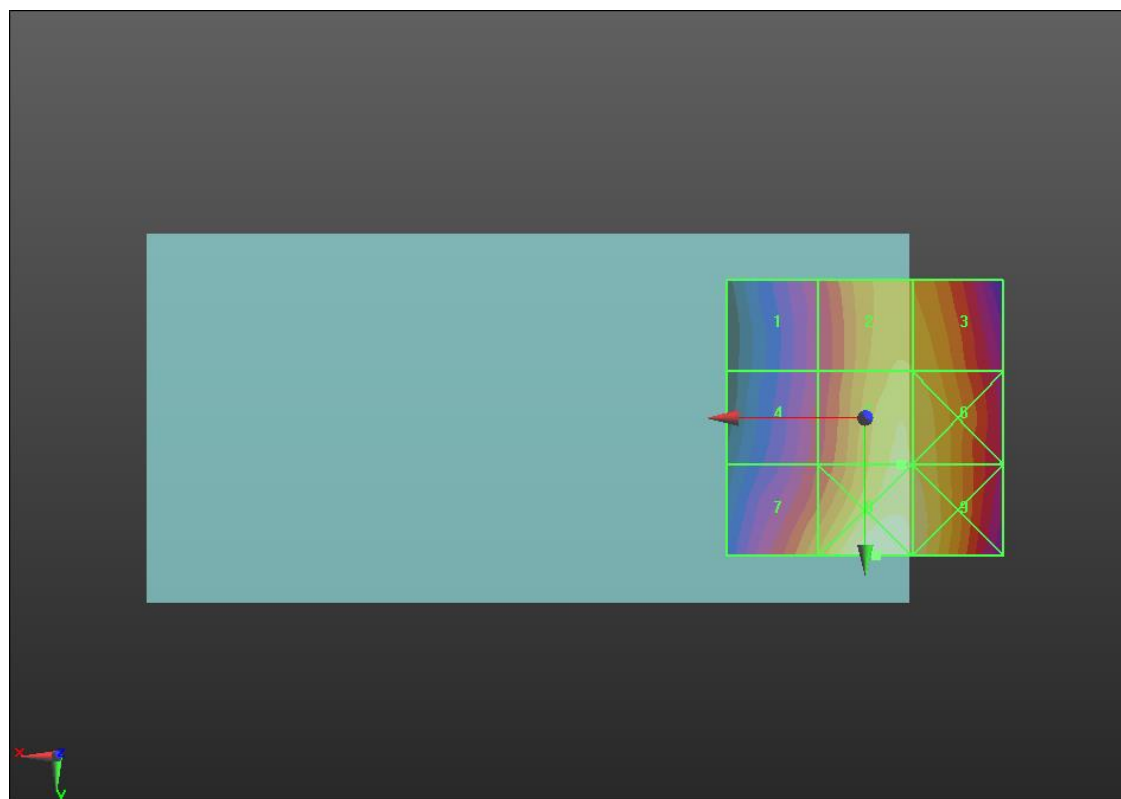
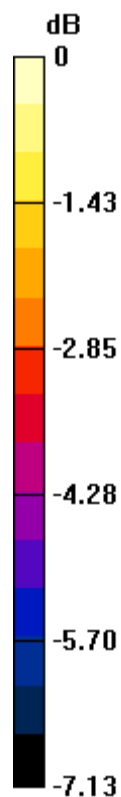
Applied MIF = 3.26 dB

RF audio interference level = 30.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.08 dBV/m</b>	Grid 2 <b>M4</b> <b>30.36 dBV/m</b>	Grid 3 <b>M4</b> <b>30.32 dBV/m</b>
Grid 4 <b>M4</b> <b>28.38 dBV/m</b>	Grid 5 <b>M4</b> <b>30.86 dBV/m</b>	Grid 6 <b>M4</b> <b>30.8 dBV/m</b>
Grid 7 <b>M4</b> <b>29.92 dBV/m</b>	Grid 8 <b>M4</b> <b>31.71 dBV/m</b>	Grid 9 <b>M4</b> <b>31.21 dBV/m</b>



0 dB = 38.50 V/m = 31.71 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1  
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC0 E-Field measurement/Voice\_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 = 35.66 V/m; Power Drift = 0.01 dB

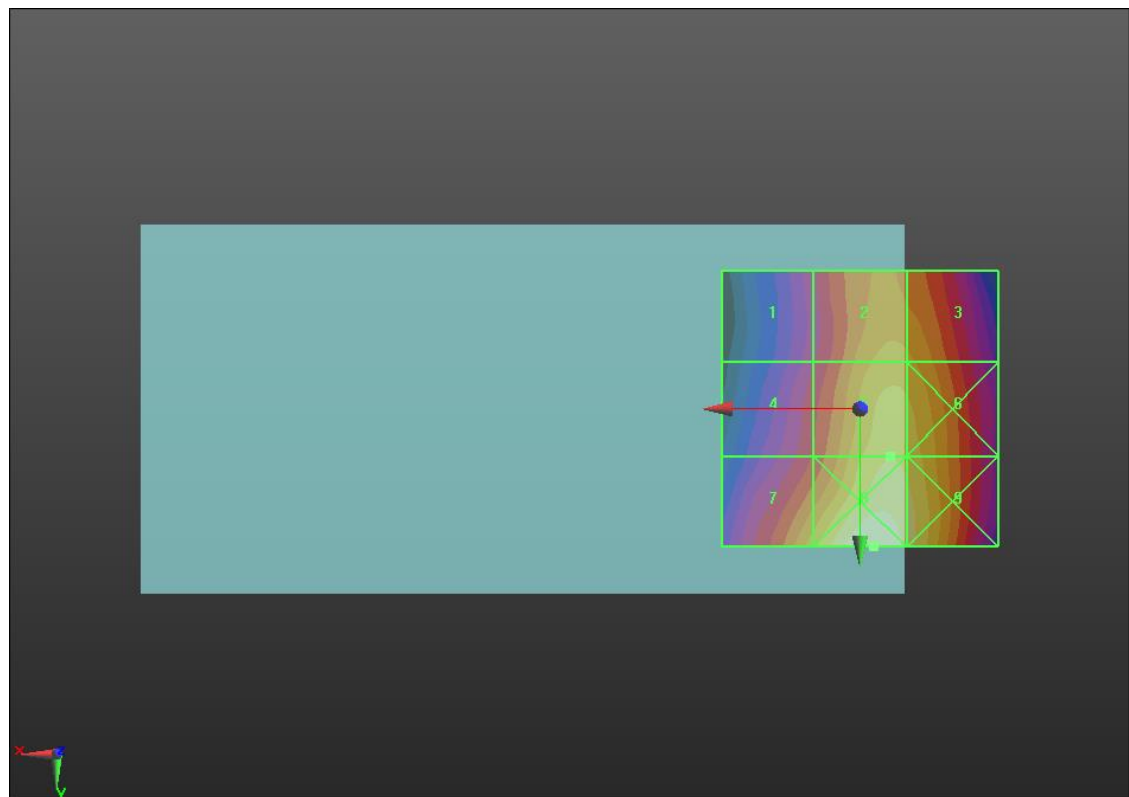
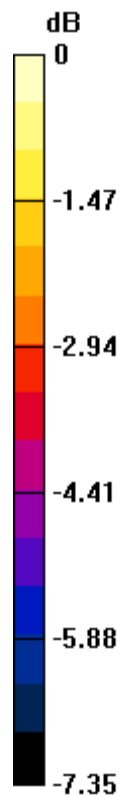
Applied MIF = 3.26 dB

RF audio interference level = 32.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.06 dBV/m</b>	Grid 2 <b>M4</b> <b>31.31 dBV/m</b>	Grid 3 <b>M4</b> <b>31.23 dBV/m</b>
Grid 4 <b>M4</b> <b>29.69 dBV/m</b>	Grid 5 <b>M4</b> <b>32.03 dBV/m</b>	Grid 6 <b>M4</b> <b>31.91 dBV/m</b>
Grid 7 <b>M4</b> <b>31.42 dBV/m</b>	Grid 8 <b>M4</b> <b>33.05 dBV/m</b>	Grid 9 <b>M4</b> <b>32.36 dBV/m</b>



0 dB = 44.91 V/m = 33.05 dBV/m



## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC0 E-Field measurement/Voice\_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 = 33.24 V/m; Power Drift = 0.05 dB

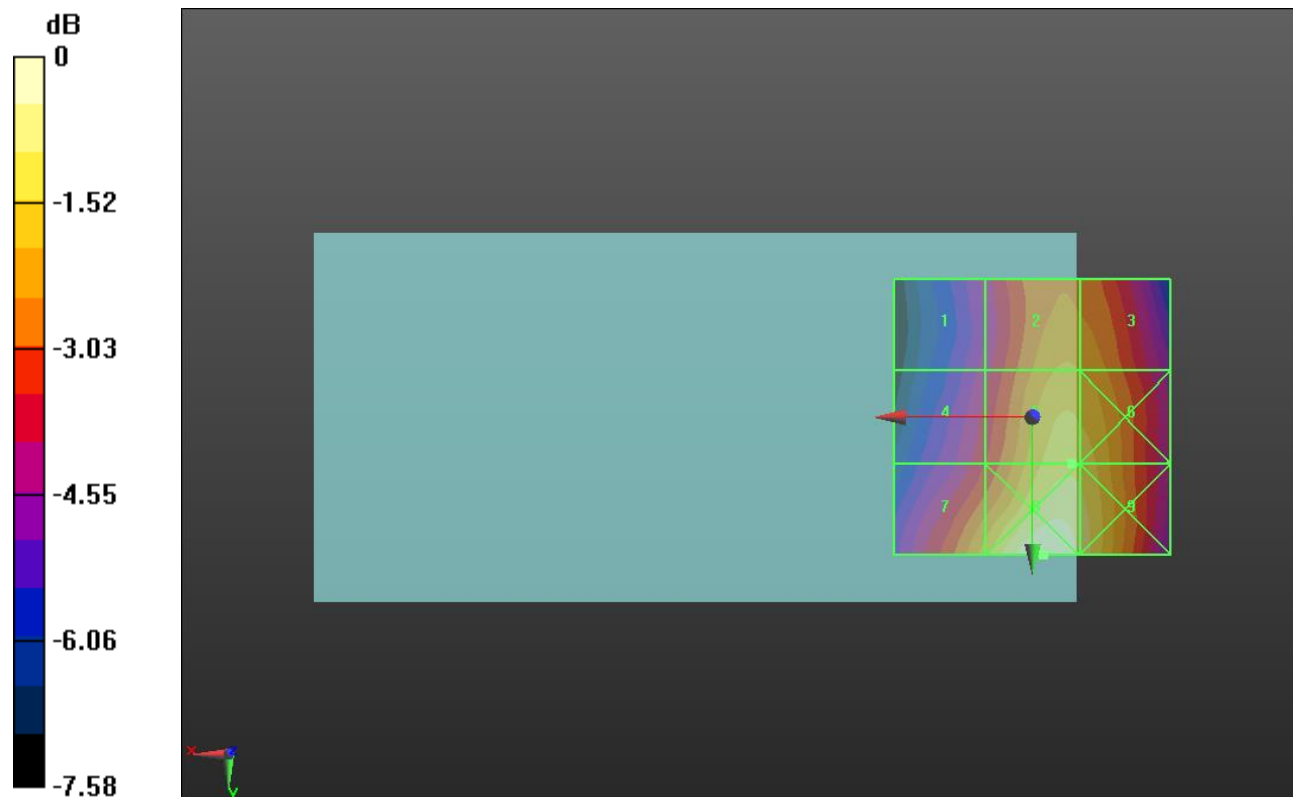
Applied MIF = 3.26 dB

RF audio interference level = 31.52 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.4 dBV/m</b>	Grid 2 <b>M4</b> <b>30.7 dBV/m</b>	Grid 3 <b>M4</b> <b>30.62 dBV/m</b>
Grid 4 <b>M4</b> <b>29.15 dBV/m</b>	Grid 5 <b>M4</b> <b>31.52 dBV/m</b>	Grid 6 <b>M4</b> <b>31.47 dBV/m</b>
Grid 7 <b>M4</b> <b>30.94 dBV/m</b>	Grid 8 <b>M4</b> <b>32.63 dBV/m</b>	Grid 9 <b>M4</b> <b>32.02 dBV/m</b>



0 dB = 42.81 V/m = 32.63 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC1 E-Field measurement/Voice\_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 = 8.363 V/m; Power Drift = 0.07 dB

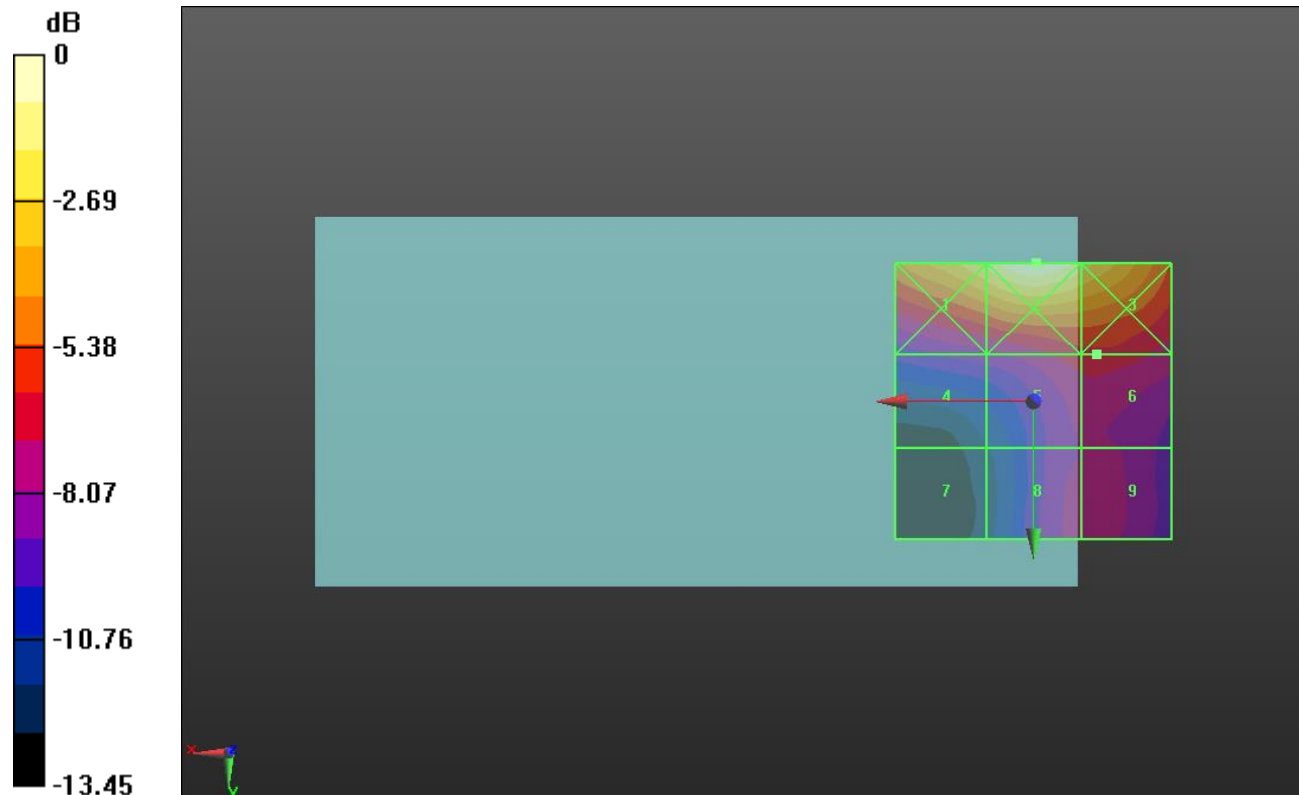
Applied MIF = 3.26 dB

RF audio interference level = 22.29 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.26 dBV/m</b>	<b>Grid 2 M4</b> <b>28.79 dBV/m</b>	<b>Grid 3 M4</b> <b>27.56 dBV/m</b>
<b>Grid 4 M4</b> <b>20.46 dBV/m</b>	<b>Grid 5 M4</b> <b>22.21 dBV/m</b>	<b>Grid 6 M4</b> <b>22.29 dBV/m</b>
<b>Grid 7 M4</b> <b>17.1 dBV/m</b>	<b>Grid 8 M4</b> <b>21.3 dBV/m</b>	<b>Grid 9 M4</b> <b>21.43 dBV/m</b>



0 dB = 27.52 V/m = 28.79 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC1 E-Field measurement/Voice\_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 = 8.535 V/m; Power Drift = 0.07 dB

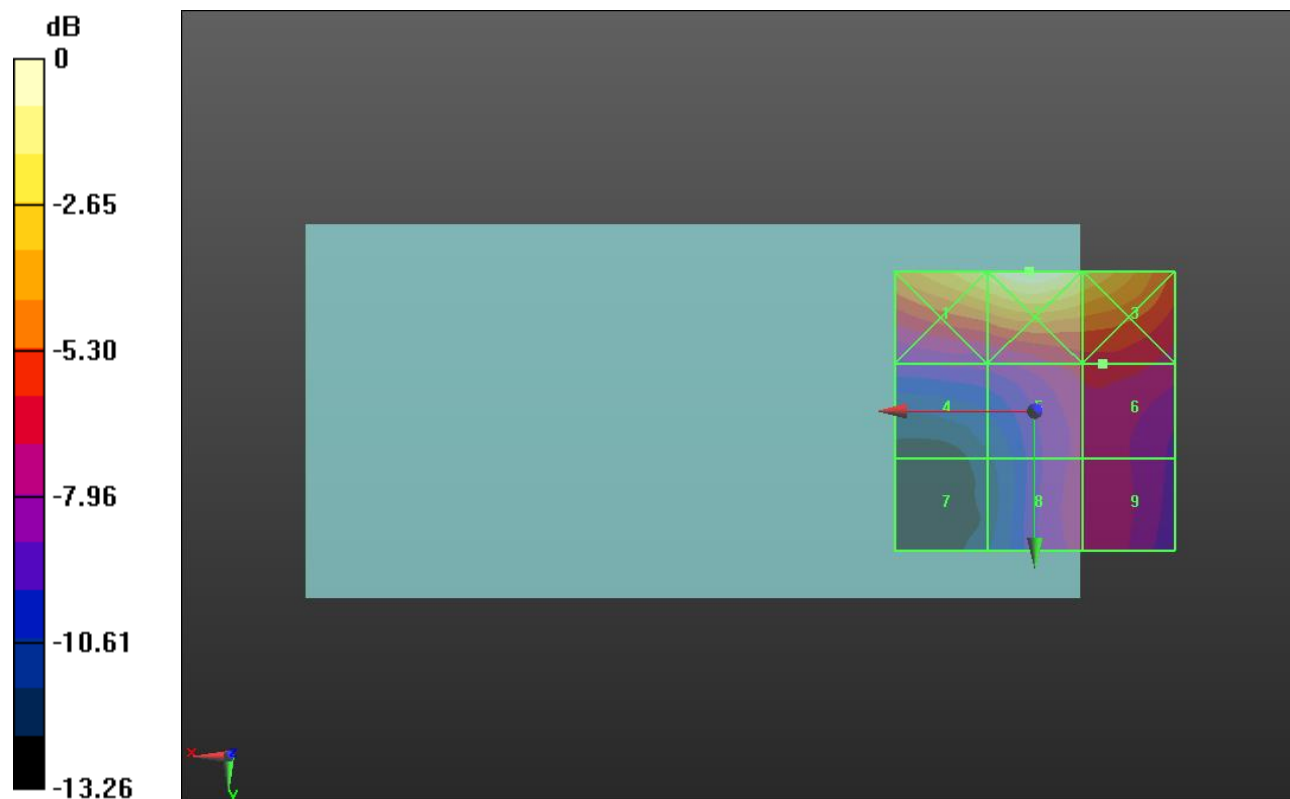
Applied MIF = 3.26 dB

RF audio interference level = 22.16 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.39 dBV/m</b>	<b>Grid 2 M4</b> <b>28.66 dBV/m</b>	<b>Grid 3 M4</b> <b>27.34 dBV/m</b>
<b>Grid 4 M4</b> <b>20.28 dBV/m</b>	<b>Grid 5 M4</b> <b>22.06 dBV/m</b>	<b>Grid 6 M4</b> <b>22.16 dBV/m</b>
<b>Grid 7 M4</b> <b>17.29 dBV/m</b>	<b>Grid 8 M4</b> <b>21.24 dBV/m</b>	<b>Grid 9 M4</b> <b>21.34 dBV/m</b>



0 dB = 27.10 V/m = 28.66 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC1 E-Field measurement/Voice\_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 = 9.266 V/m; Power Drift = -0.35 dB

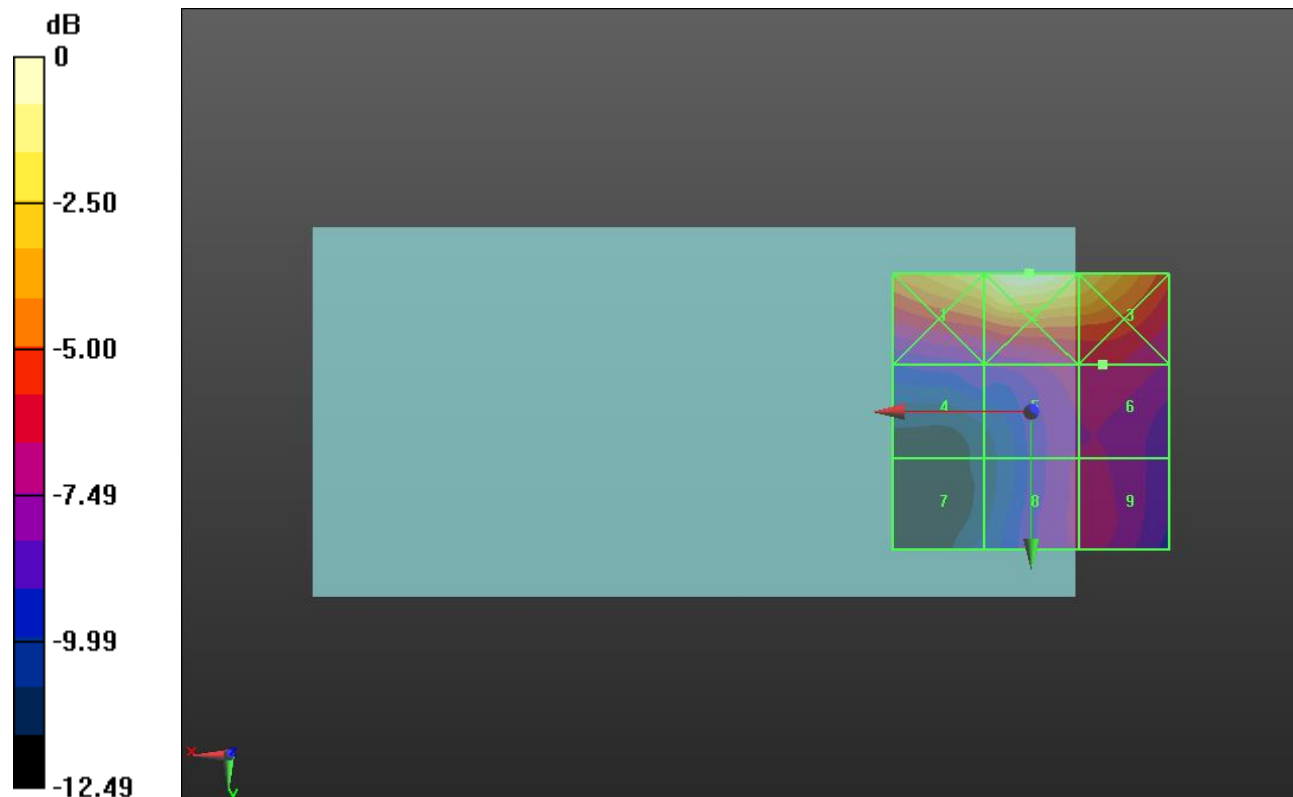
Applied MIF = 3.26 dB

RF audio interference level = 22.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.52 dBV/m</b>	Grid 2 <b>M4</b> <b>28.78 dBV/m</b>	Grid 3 <b>M4</b> <b>27.38 dBV/m</b>
Grid 4 <b>M4</b> <b>20.49 dBV/m</b>	Grid 5 <b>M4</b> <b>22.06 dBV/m</b>	Grid 6 <b>M4</b> <b>22.24 dBV/m</b>
Grid 7 <b>M4</b> <b>18.39 dBV/m</b>	Grid 8 <b>M4</b> <b>21.64 dBV/m</b>	Grid 9 <b>M4</b> <b>21.8 dBV/m</b>



0 dB = 27.49 V/m = 28.78 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC10 E-Field measurement/Voice\_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 = 29.97 V/m; Power Drift = 0.23 dB

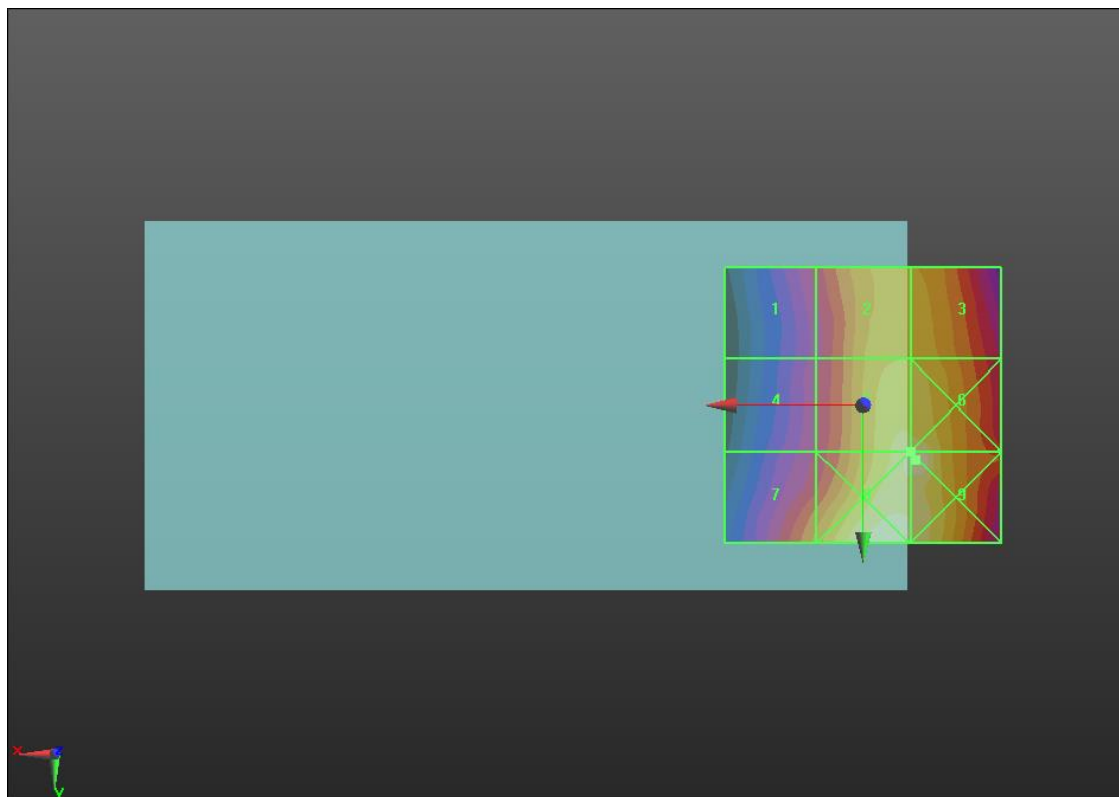
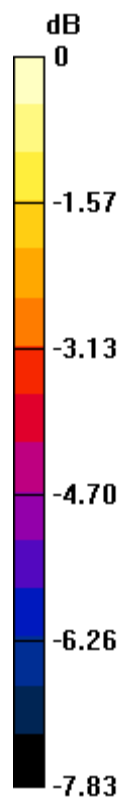
Applied MIF = 3.26 dB

RF audio interference level = 31.57 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.99 dBV/m</b>	Grid 2 <b>M4</b> <b>30.36 dBV/m</b>	Grid 3 <b>M4</b> <b>30.34 dBV/m</b>
Grid 4 <b>M4</b> <b>27.88 dBV/m</b>	Grid 5 <b>M4</b> <b>31.57 dBV/m</b>	Grid 6 <b>M4</b> <b>31.66 dBV/m</b>
Grid 7 <b>M4</b> <b>29.57 dBV/m</b>	Grid 8 <b>M4</b> <b>31.79 dBV/m</b>	Grid 9 <b>M4</b> <b>31.92 dBV/m</b>



0 dB = 39.46 V/m = 31.92 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:1  
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC10 E-Field measurement/Voice\_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 = 28.51 V/m; Power Drift = -0.07 dB

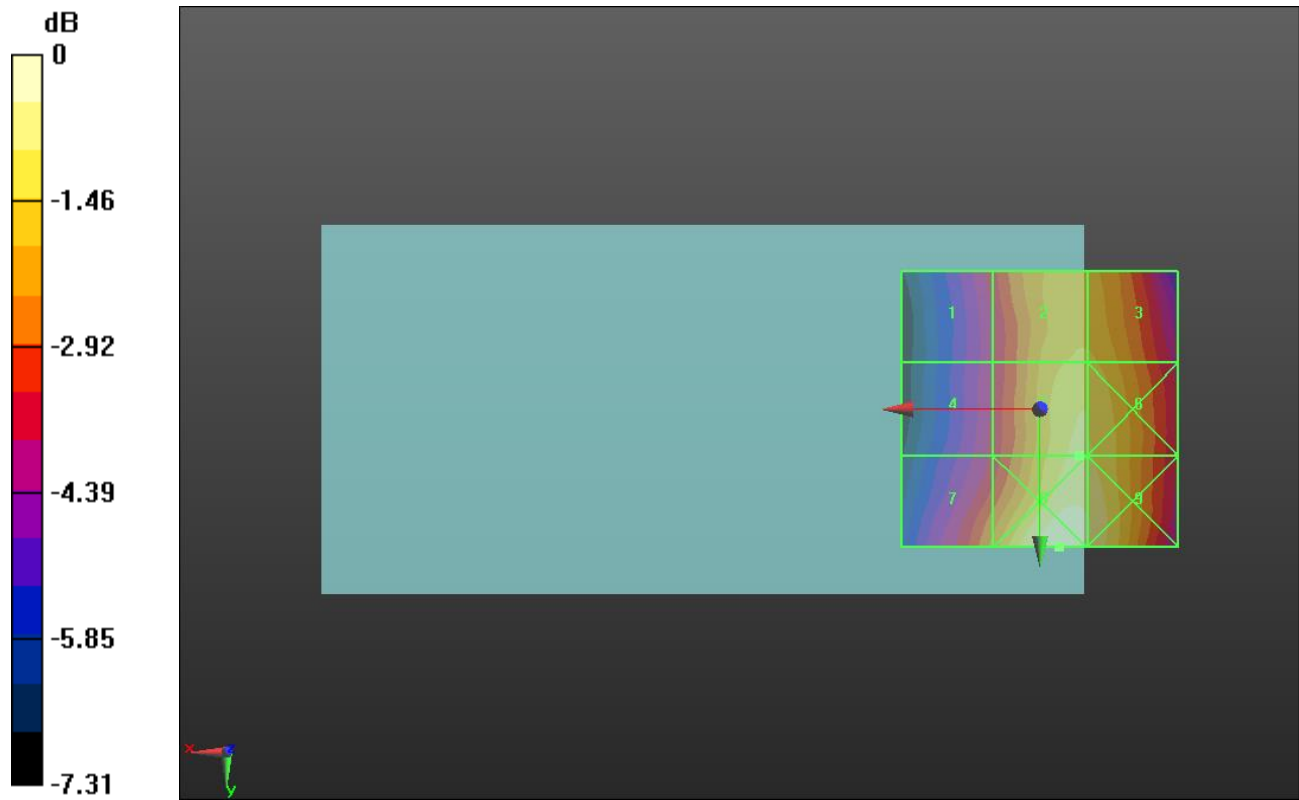
Applied MIF = 3.26 dB

RF audio interference level = 30.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.54 dBV/m</b>	Grid 2 <b>M4</b> <b>29.74 dBV/m</b>	Grid 3 <b>M4</b> <b>29.73 dBV/m</b>
Grid 4 <b>M4</b> <b>27.39 dBV/m</b>	Grid 5 <b>M4</b> <b>30.2 dBV/m</b>	Grid 6 <b>M4</b> <b>30.17 dBV/m</b>
Grid 7 <b>M4</b> <b>28.86 dBV/m</b>	Grid 8 <b>M4</b> <b>31.08 dBV/m</b>	Grid 9 <b>M4</b> <b>30.67 dBV/m</b>



0 dB = 35.79 V/m = 31.08 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:1  
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC10 E-Field measurement/Voice\_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 = 25.40 V/m; Power Drift = -0.12 dB

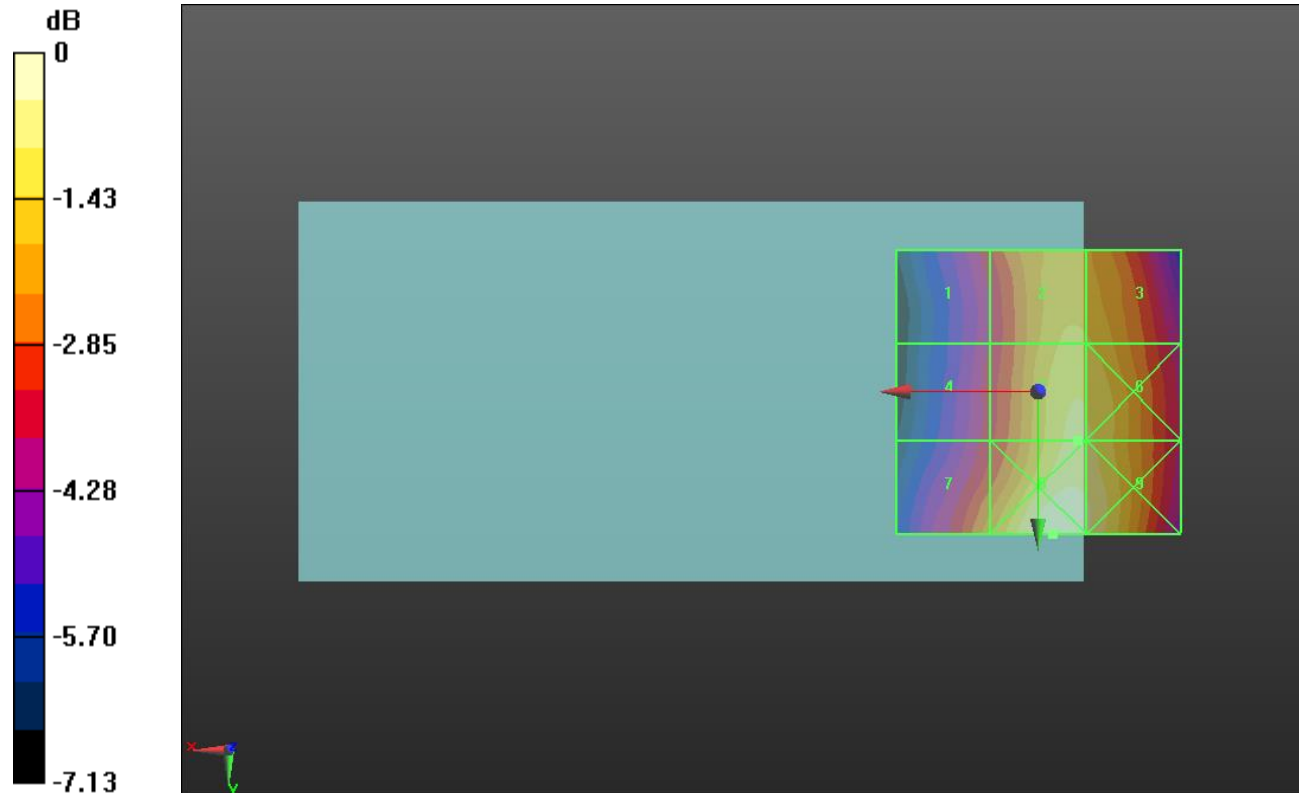
Applied MIF = 3.26 dB

RF audio interference level = 29.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.59 dBV/m</b>	Grid 2 <b>M4</b> <b>28.68 dBV/m</b>	Grid 3 <b>M4</b> <b>28.62 dBV/m</b>
Grid 4 <b>M4</b> <b>26.53 dBV/m</b>	Grid 5 <b>M4</b> <b>29.14 dBV/m</b>	Grid 6 <b>M4</b> <b>29.1 dBV/m</b>
Grid 7 <b>M4</b> <b>27.94 dBV/m</b>	Grid 8 <b>M4</b> <b>29.97 dBV/m</b>	Grid 9 <b>M4</b> <b>29.59 dBV/m</b>



0 dB = 31.51 V/m = 29.97 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC15 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 = 12.28 V/m; Power Drift = -0.05 dB

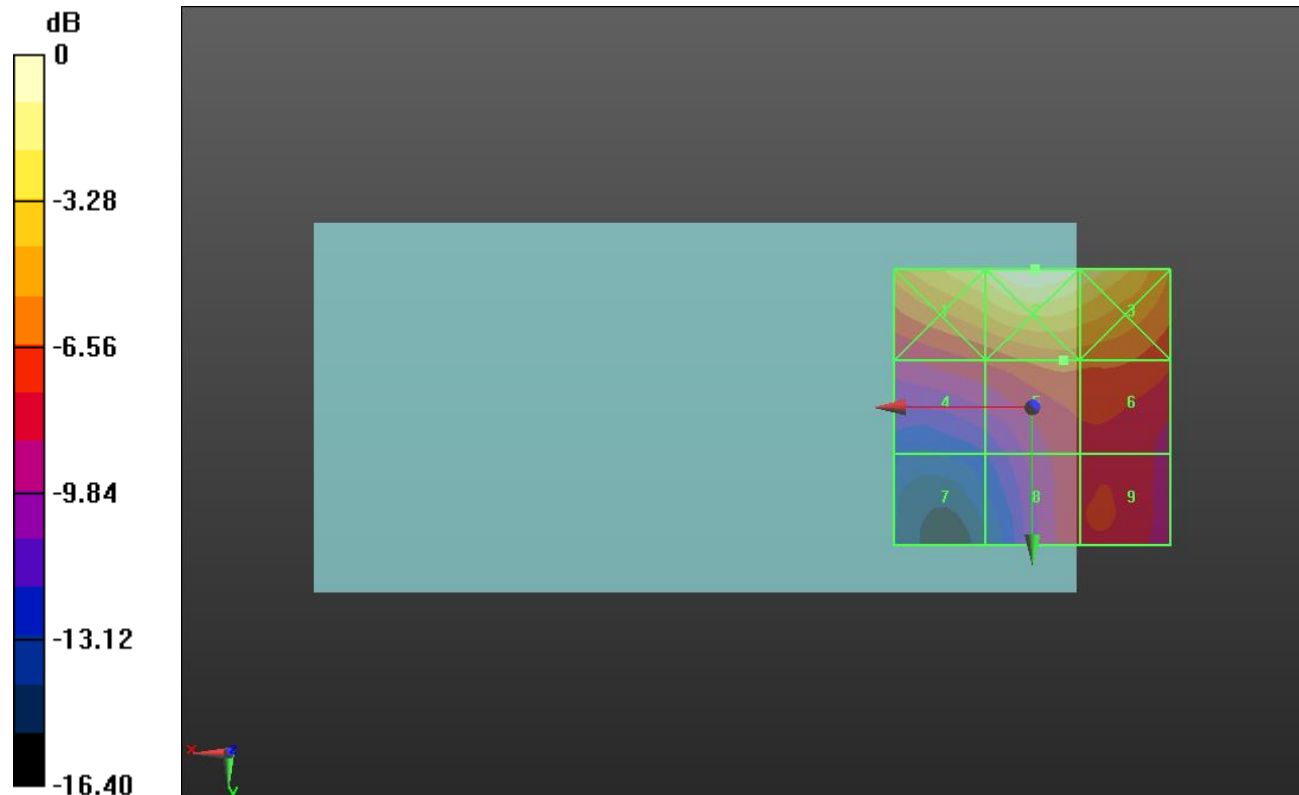
Applied MIF = 3.26 dB

RF audio interference level = 25.37 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>29.84 dBV/m</b>	<b>Grid 2 M3</b> <b>31.38 dBV/m</b>	<b>Grid 3 M3</b> <b>30.29 dBV/m</b>
<b>Grid 4 M4</b> <b>23.95 dBV/m</b>	<b>Grid 5 M4</b> <b>25.37 dBV/m</b>	<b>Grid 6 M4</b> <b>25.28 dBV/m</b>
<b>Grid 7 M4</b> <b>19.39 dBV/m</b>	<b>Grid 8 M4</b> <b>23.62 dBV/m</b>	<b>Grid 9 M4</b> <b>23.87 dBV/m</b>



0 dB = 37.07 V/m = 31.38 dBV/m



## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_CDMA BC15 E-Field measurement/RC1\_SO3\_Ch 450/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 = 12.84 V/m; Power Drift = -0.08 dB

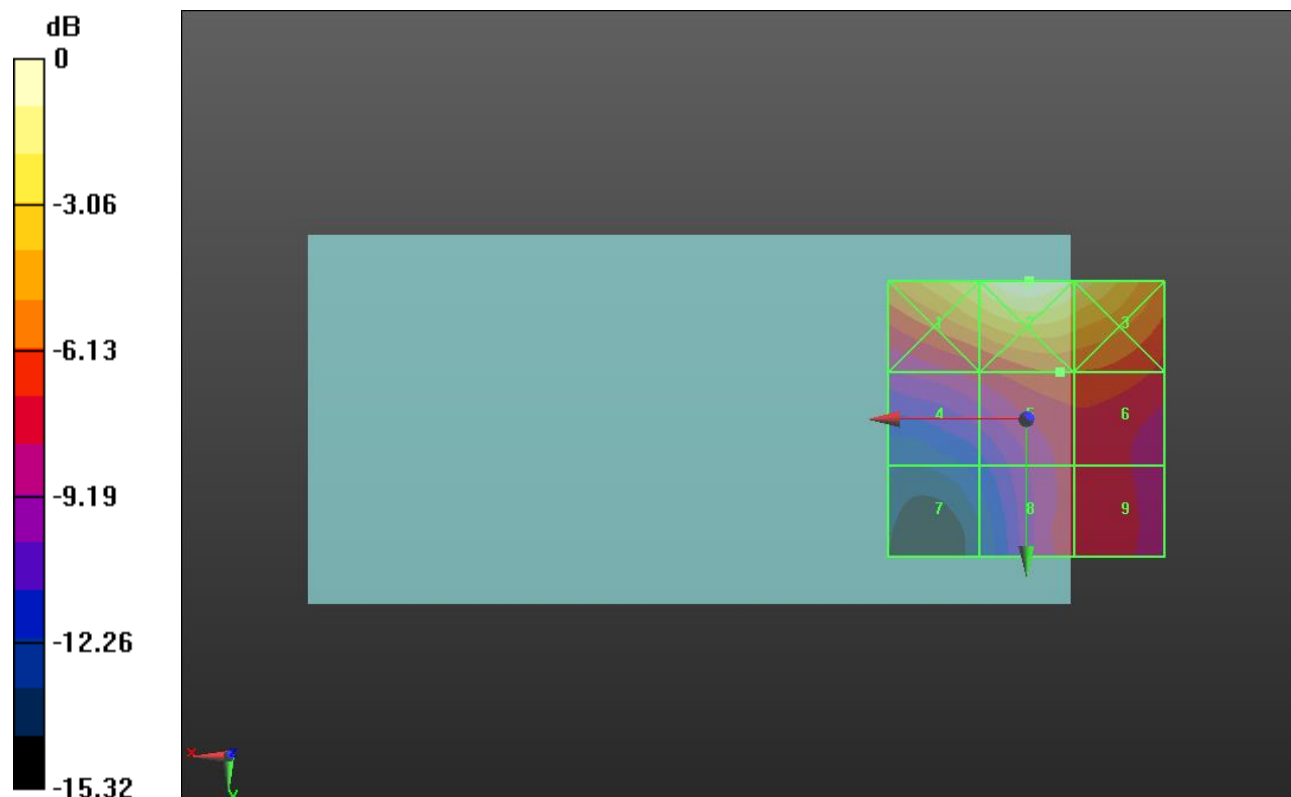
Applied MIF = 3.26 dB

RF audio interference level = 25.78 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>30.17 dBV/m</b>	Grid 2 <b>M3</b> <b>31.83 dBV/m</b>	Grid 3 <b>M3</b> <b>30.66 dBV/m</b>
Grid 4 <b>M4</b> <b>24.25 dBV/m</b>	Grid 5 <b>M4</b> <b>25.78 dBV/m</b>	Grid 6 <b>M4</b> <b>25.73 dBV/m</b>
Grid 7 <b>M4</b> <b>20.17 dBV/m</b>	Grid 8 <b>M4</b> <b>24.38 dBV/m</b>	Grid 9 <b>M4</b> <b>24.57 dBV/m</b>



0 dB = 39.04 V/m = 31.83 dBV/m

### HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

### UAT\_CDMA BC15 E-Field measurement/RC1\_SO3\_Ch 875/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 = 11.02 V/m; Power Drift = 0.03 dB

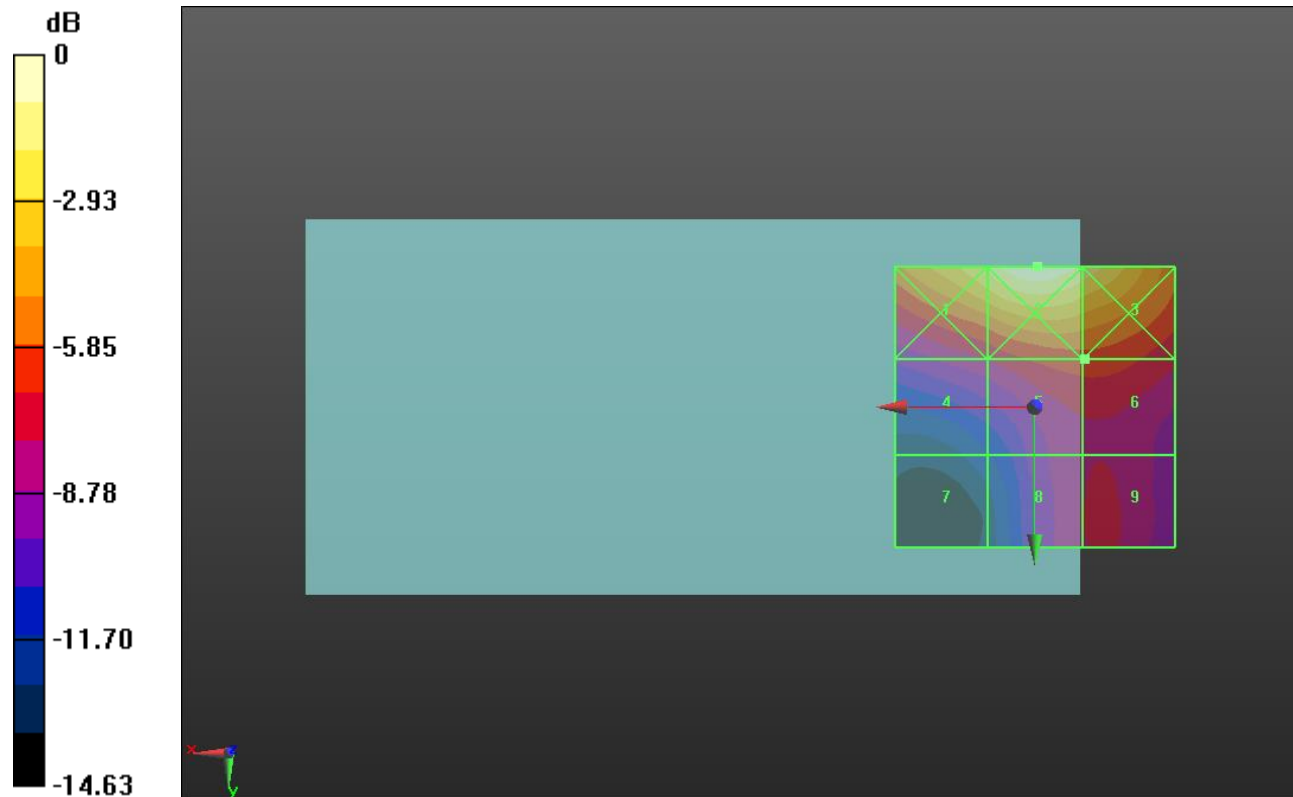
Applied MIF = 3.26 dB

RF audio interference level = 25.46 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>29.97 dBV/m</b>	<b>Grid 2 M3</b> <b>31.68 dBV/m</b>	<b>Grid 3 M3</b> <b>30.5 dBV/m</b>
<b>Grid 4 M4</b> <b>23.91 dBV/m</b>	<b>Grid 5 M4</b> <b>25.46 dBV/m</b>	<b>Grid 6 M4</b> <b>25.46 dBV/m</b>
<b>Grid 7 M4</b> <b>19.92 dBV/m</b>	<b>Grid 8 M4</b> <b>23.89 dBV/m</b>	<b>Grid 9 M4</b> <b>24.11 dBV/m</b>



0 dB = 38.37 V/m = 31.68 dBV/m

## HAC-RF Emission\_WiFi 2.4GHz

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_802.11g E-Field measurement/VOIP\_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 = 37.61 V/m; Power Drift = -0.01 dB

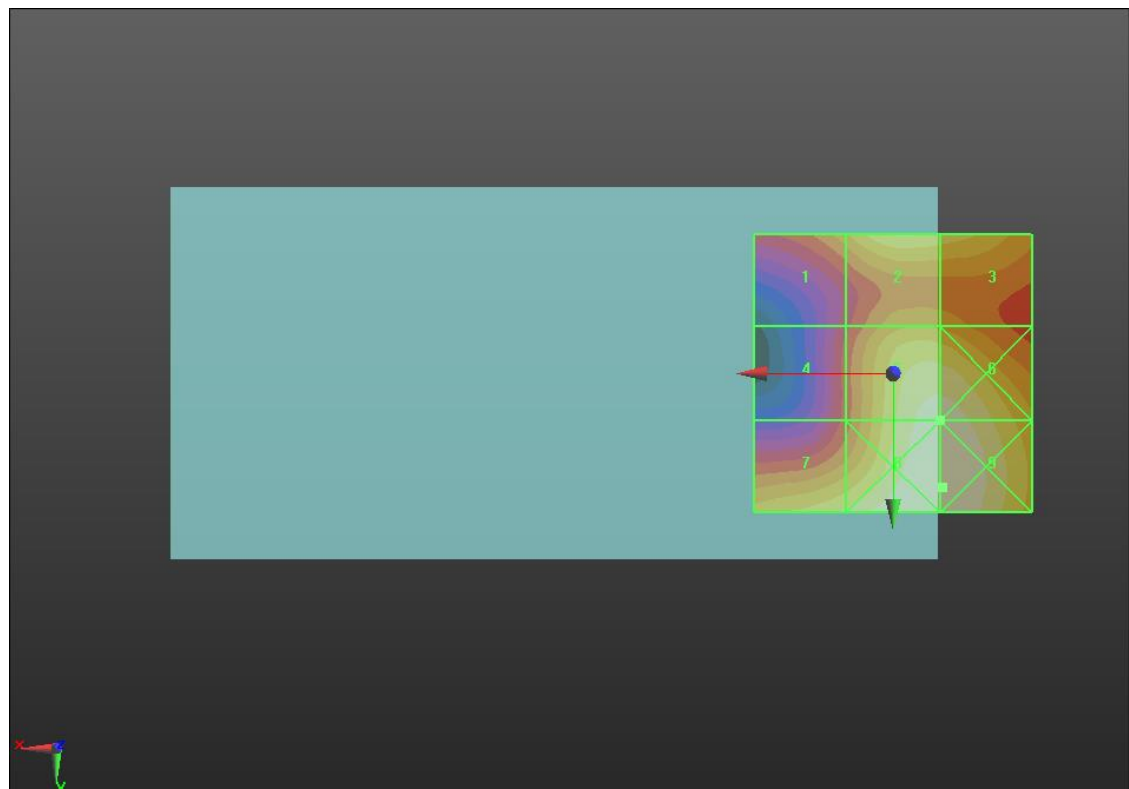
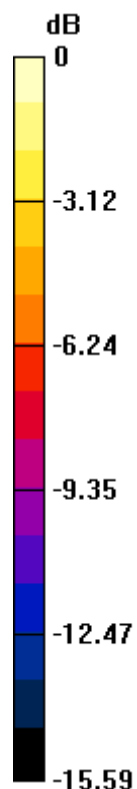
Applied MIF = 0.12 dB

RF audio interference level = 29.47 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.59 dBV/m</b>	Grid 2 <b>M4</b> <b>28.15 dBV/m</b>	Grid 3 <b>M4</b> <b>27.66 dBV/m</b>
Grid 4 <b>M4</b> <b>23.31 dBV/m</b>	Grid 5 <b>M4</b> <b>29.47 dBV/m</b>	Grid 6 <b>M4</b> <b>29.47 dBV/m</b>
Grid 7 <b>M4</b> <b>28.18 dBV/m</b>	Grid 8 <b>M4</b> <b>29.99 dBV/m</b>	Grid 9 <b>M4</b> <b>29.99 dBV/m</b>



0 dB = 31.60 V/m = 29.99 dBV/m

### HAC-RF Emission\_WiFi 2.4GHz

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

### UAT\_802.11g E-Field measurement/VOIP\_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 = 33.37 V/m; Power Drift = 0.09 dB

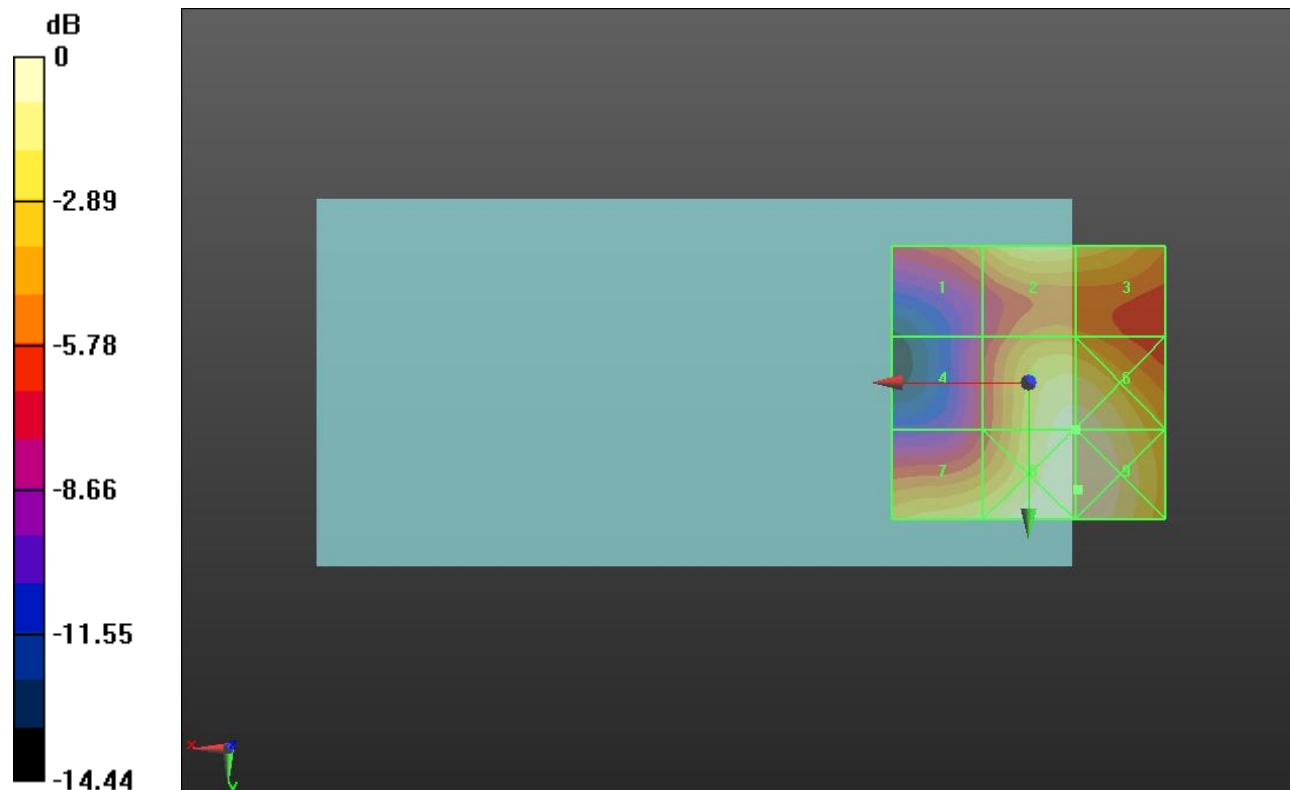
Applied MIF = 0.12 dB

RF audio interference level = 28.66 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.26 dBV/m</b>	Grid 2 <b>M4</b> <b>27.78 dBV/m</b>	Grid 3 <b>M4</b> <b>27.25 dBV/m</b>
Grid 4 <b>M4</b> <b>22.39 dBV/m</b>	Grid 5 <b>M4</b> <b>28.66 dBV/m</b>	Grid 6 <b>M4</b> <b>28.67 dBV/m</b>
Grid 7 <b>M4</b> <b>27.57 dBV/m</b>	Grid 8 <b>M4</b> <b>29.11 dBV/m</b>	Grid 9 <b>M4</b> <b>29.11 dBV/m</b>



0 dB = 28.55 V/m = 29.11 dBV/m

### HAC-RF Emission\_WiFi 2.4GHz

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

### UAT\_802.11g E-Field measurement/VOIP\_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 = 34.08 V/m; Power Drift = -0.04 dB

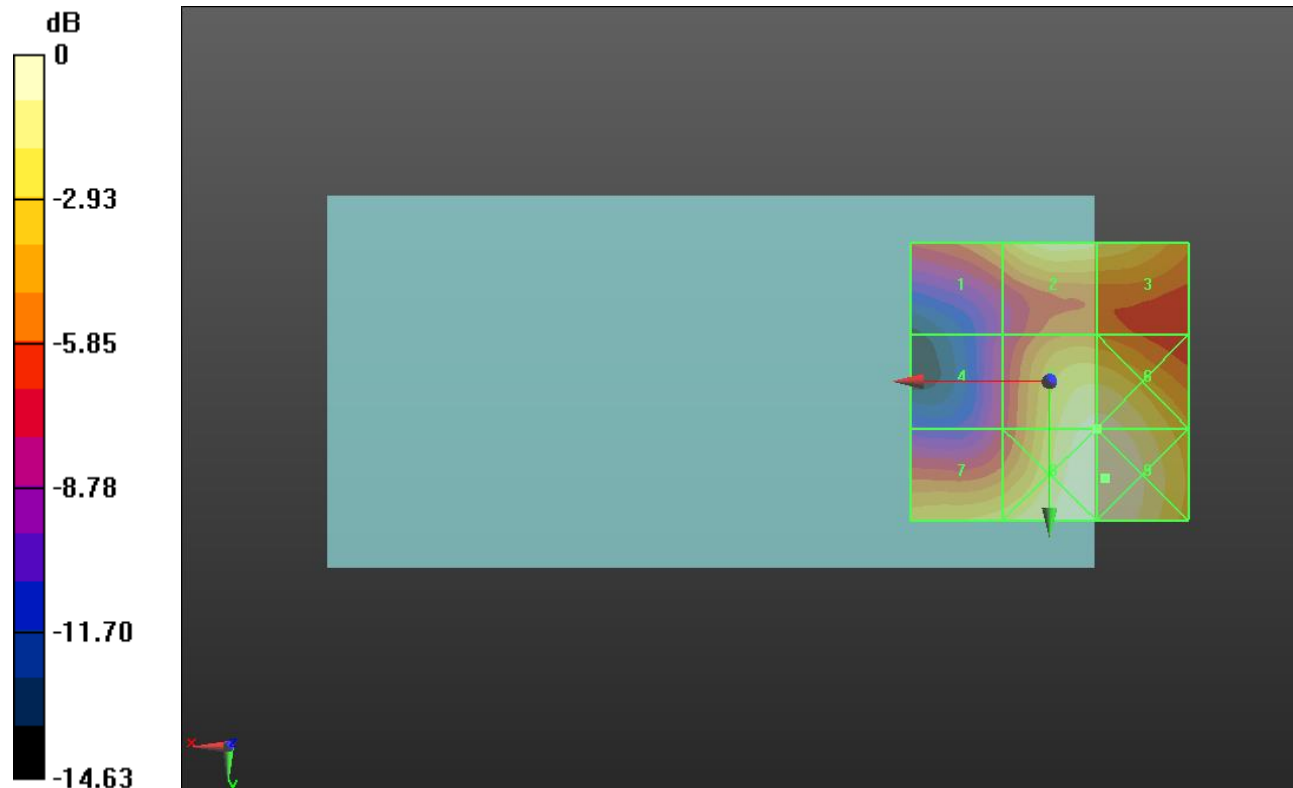
Applied MIF = 0.12 dB

RF audio interference level = 29.14 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.11 dBV/m</b>	Grid 2 <b>M4</b> <b>28.62 dBV/m</b>	Grid 3 <b>M4</b> <b>28.08 dBV/m</b>
Grid 4 <b>M4</b> <b>22.45 dBV/m</b>	Grid 5 <b>M4</b> <b>29.14 dBV/m</b>	Grid 6 <b>M4</b> <b>29.15 dBV/m</b>
Grid 7 <b>M4</b> <b>27.54 dBV/m</b>	Grid 8 <b>M4</b> <b>29.74 dBV/m</b>	Grid 9 <b>M4</b> <b>29.76 dBV/m</b>



0 dB = 30.77 V/m = 29.76 dBV/m

## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 31.28 V/m; Power Drift = -0.01 dB

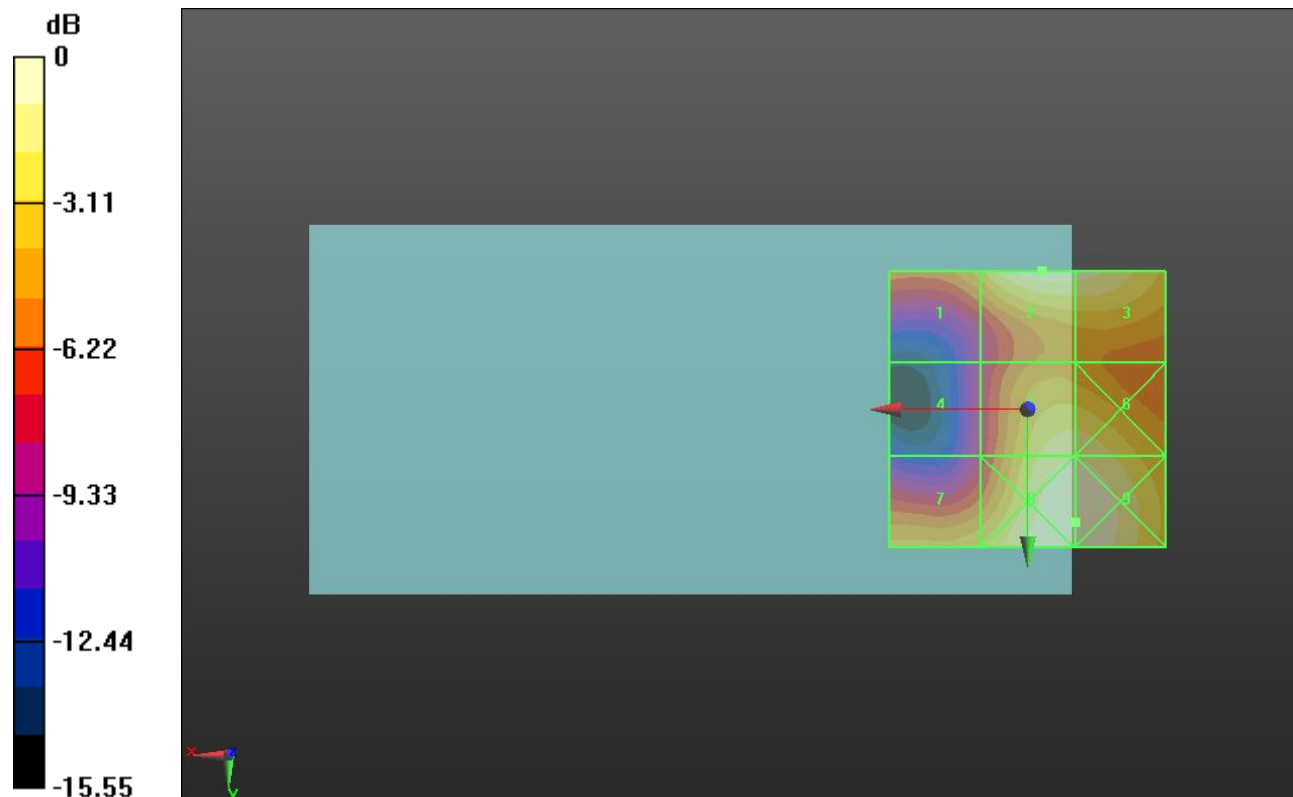
Applied MIF = -1.44 dB

RF audio interference level = 27.74 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.6 dBV/m</b>	Grid 2 <b>M4</b> <b>27.74 dBV/m</b>	Grid 3 <b>M4</b> <b>27.56 dBV/m</b>
Grid 4 <b>M4</b> <b>20.05 dBV/m</b>	Grid 5 <b>M4</b> <b>26.85 dBV/m</b>	Grid 6 <b>M4</b> <b>26.85 dBV/m</b>
Grid 7 <b>M4</b> <b>25.16 dBV/m</b>	Grid 8 <b>M4</b> <b>27.98 dBV/m</b>	Grid 9 <b>M4</b> <b>27.98 dBV/m</b>



0 dB = 25.06 V/m = 27.98 dBV/m

## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 31.57 V/m; Power Drift = -0.01 dB

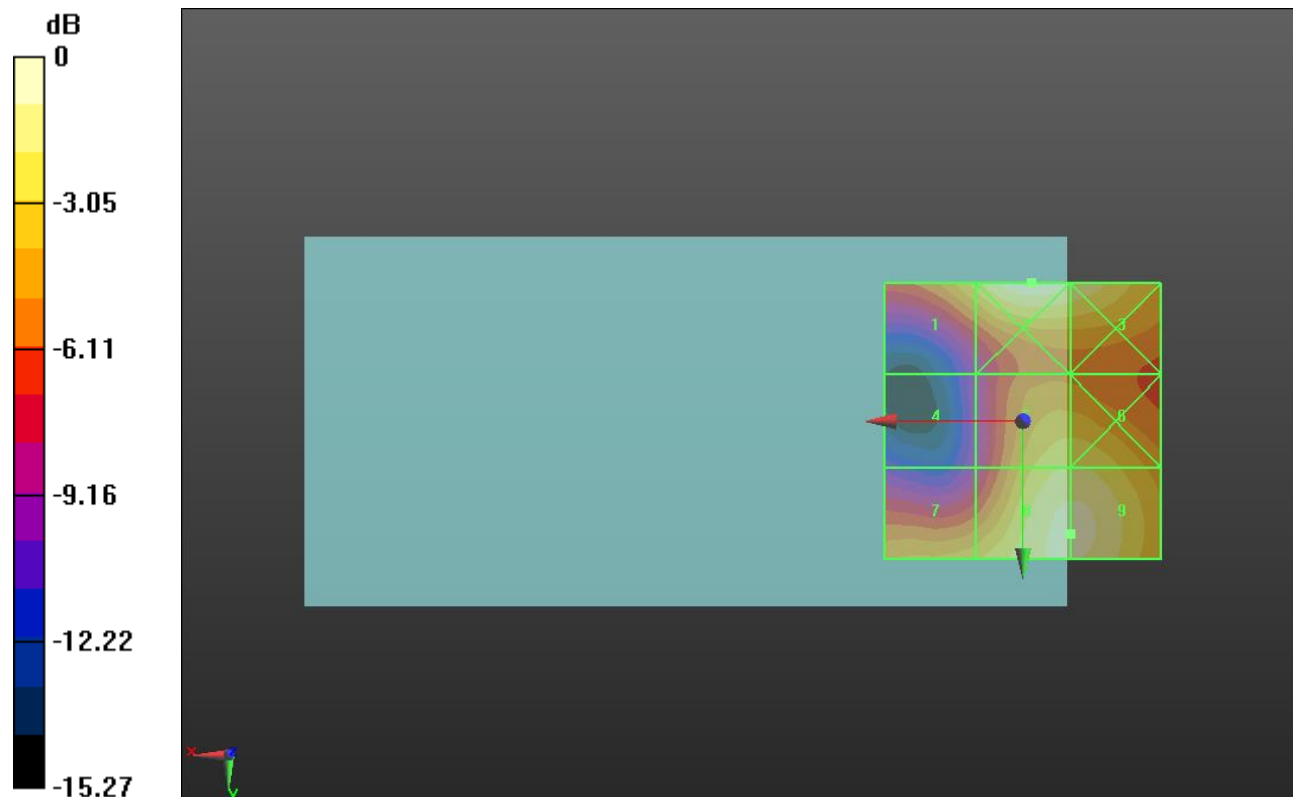
Applied MIF = -1.44 dB

RF audio interference level = 28.41 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.62 dBV/m</b>	Grid 2 <b>M4</b> <b>29.11 dBV/m</b>	Grid 3 <b>M4</b> <b>28.36 dBV/m</b>
Grid 4 <b>M4</b> <b>20.27 dBV/m</b>	Grid 5 <b>M4</b> <b>27.19 dBV/m</b>	Grid 6 <b>M4</b> <b>27.2 dBV/m</b>
Grid 7 <b>M4</b> <b>25.93 dBV/m</b>	Grid 8 <b>M4</b> <b>28.41 dBV/m</b>	Grid 9 <b>M4</b> <b>28.41 dBV/m</b>



0 dB = 28.55 V/m = 29.11 dBV/m

## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 29.85 V/m; Power Drift = -0.04 dB

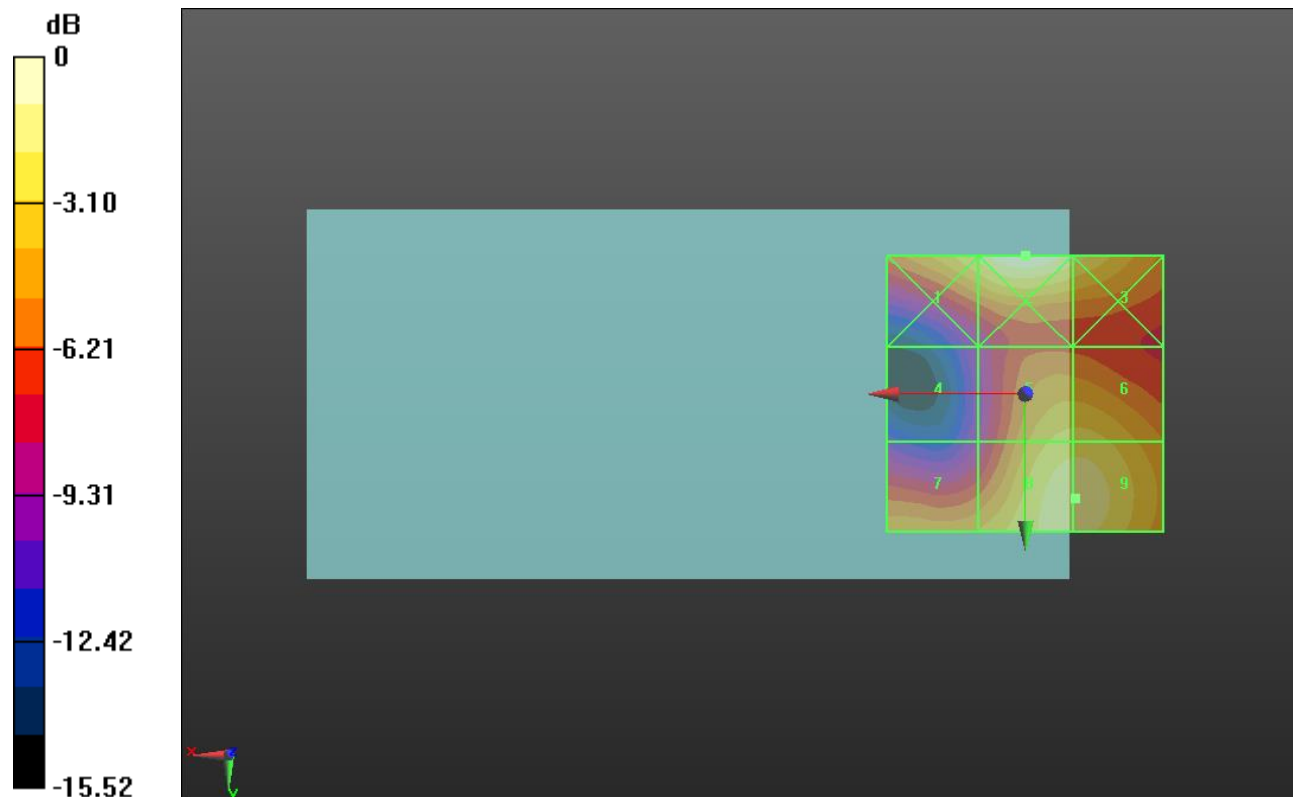
Applied MIF = -1.44 dB

RF audio interference level = 28.02 dBV/m

Emission category: **M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.78 dBV/m</b>	<b>Grid 2 M4</b> <b>29.46 dBV/m</b>	<b>Grid 3 M4</b> <b>28.05 dBV/m</b>
<b>Grid 4 M4</b> <b>20.3 dBV/m</b>	<b>Grid 5 M4</b> <b>26.86 dBV/m</b>	<b>Grid 6 M4</b> <b>26.88 dBV/m</b>
<b>Grid 7 M4</b> <b>25.47 dBV/m</b>	<b>Grid 8 M4</b> <b>28.01 dBV/m</b>	<b>Grid 9 M4</b> <b>28.02 dBV/m</b>



0 dB = 29.71 V/m = 29.46 dBV/m



## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 27.03 V/m; Power Drift = 0.01 dB

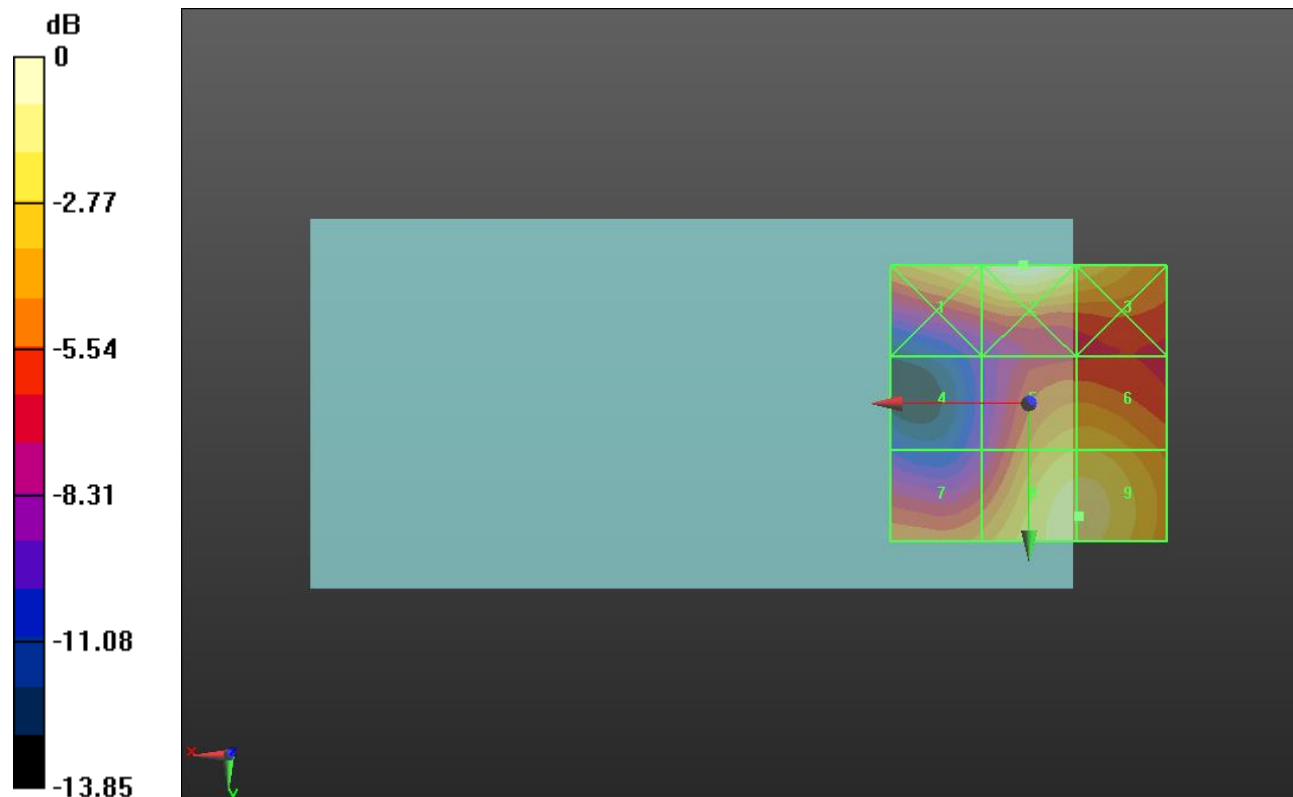
Applied MIF = -1.44 dB

RF audio interference level = 27.67 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.64 dBV/m</b>	Grid 2 <b>M4</b> <b>29.02 dBV/m</b>	Grid 3 <b>M4</b> <b>27.52 dBV/m</b>
Grid 4 <b>M4</b> <b>20.38 dBV/m</b>	Grid 5 <b>M4</b> <b>26.28 dBV/m</b>	Grid 6 <b>M4</b> <b>26.32 dBV/m</b>
Grid 7 <b>M4</b> <b>24.86 dBV/m</b>	Grid 8 <b>M4</b> <b>27.66 dBV/m</b>	Grid 9 <b>M4</b> <b>27.67 dBV/m</b>



0 dB = 28.25 V/m = 29.02 dBV/m

## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## UAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 25.72 V/m; Power Drift = 0.01 dB

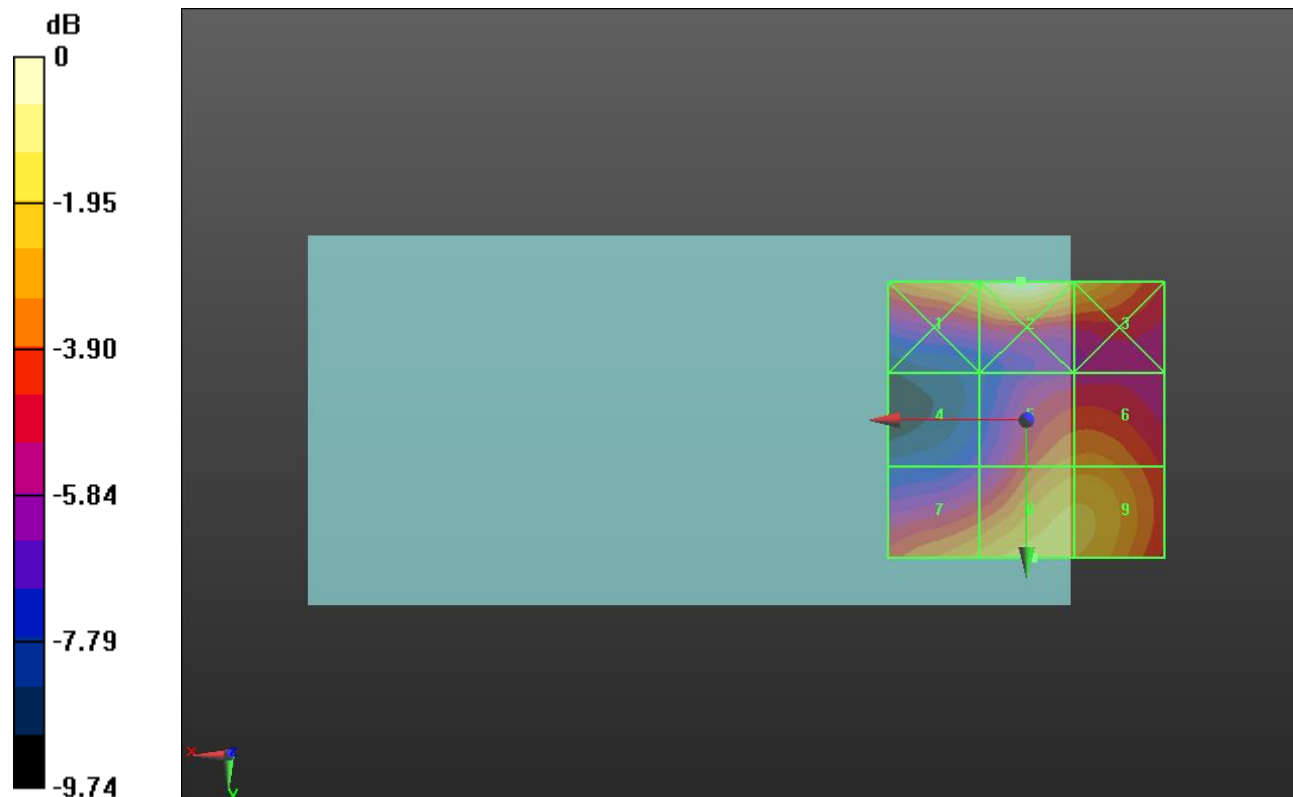
Applied MIF = -1.44 dB

RF audio interference level = 26.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.77 dBV/m</b>	Grid 2 <b>M4</b> <b>28.18 dBV/m</b>	Grid 3 <b>M4</b> <b>26.73 dBV/m</b>
Grid 4 <b>M4</b> <b>21.61 dBV/m</b>	Grid 5 <b>M4</b> <b>25.33 dBV/m</b>	Grid 6 <b>M4</b> <b>25.4 dBV/m</b>
Grid 7 <b>M4</b> <b>25.88 dBV/m</b>	Grid 8 <b>M4</b> <b>26.53 dBV/m</b>	Grid 9 <b>M4</b> <b>26.45 dBV/m</b>



0 dB = 25.65 V/m = 28.18 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_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 = 77.99 V/m; Power Drift = -0.06 dB

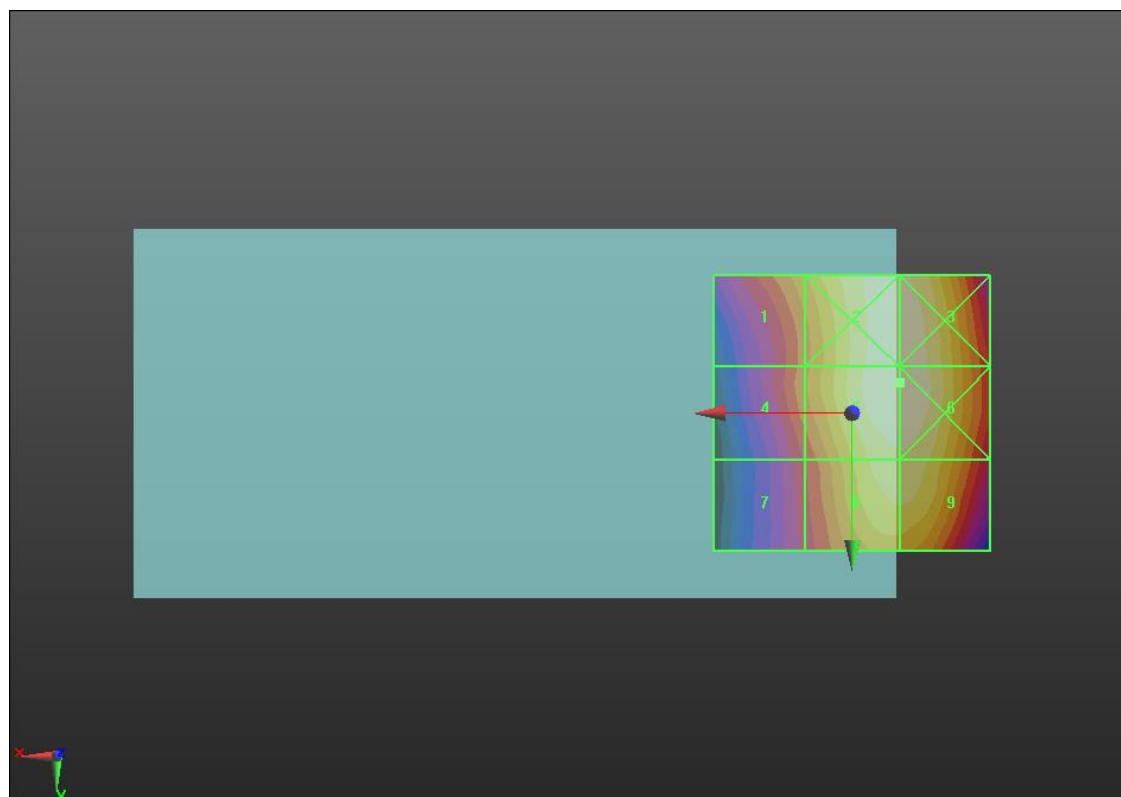
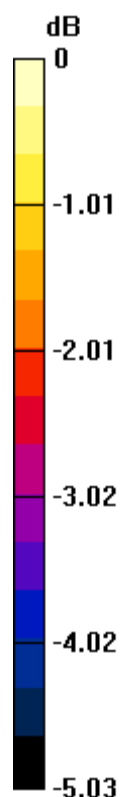
Applied MIF = 3.63 dB

RF audio interference level = 40.02 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.66 dBV/m</b>	Grid 2 <b>M4</b> <b>39.98 dBV/m</b>	Grid 3 <b>M4</b> <b>39.98 dBV/m</b>
Grid 4 <b>M4</b> <b>38.31 dBV/m</b>	Grid 5 <b>M3</b> <b>40.02 dBV/m</b>	Grid 6 <b>M3</b> <b>40.02 dBV/m</b>
Grid 7 <b>M4</b> <b>37.74 dBV/m</b>	Grid 8 <b>M4</b> <b>39.62 dBV/m</b>	Grid 9 <b>M4</b> <b>39.62 dBV/m</b>



0 dB = 100.2 V/m = 40.02 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_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 = 79.03 V/m; Power Drift = -0.10 dB

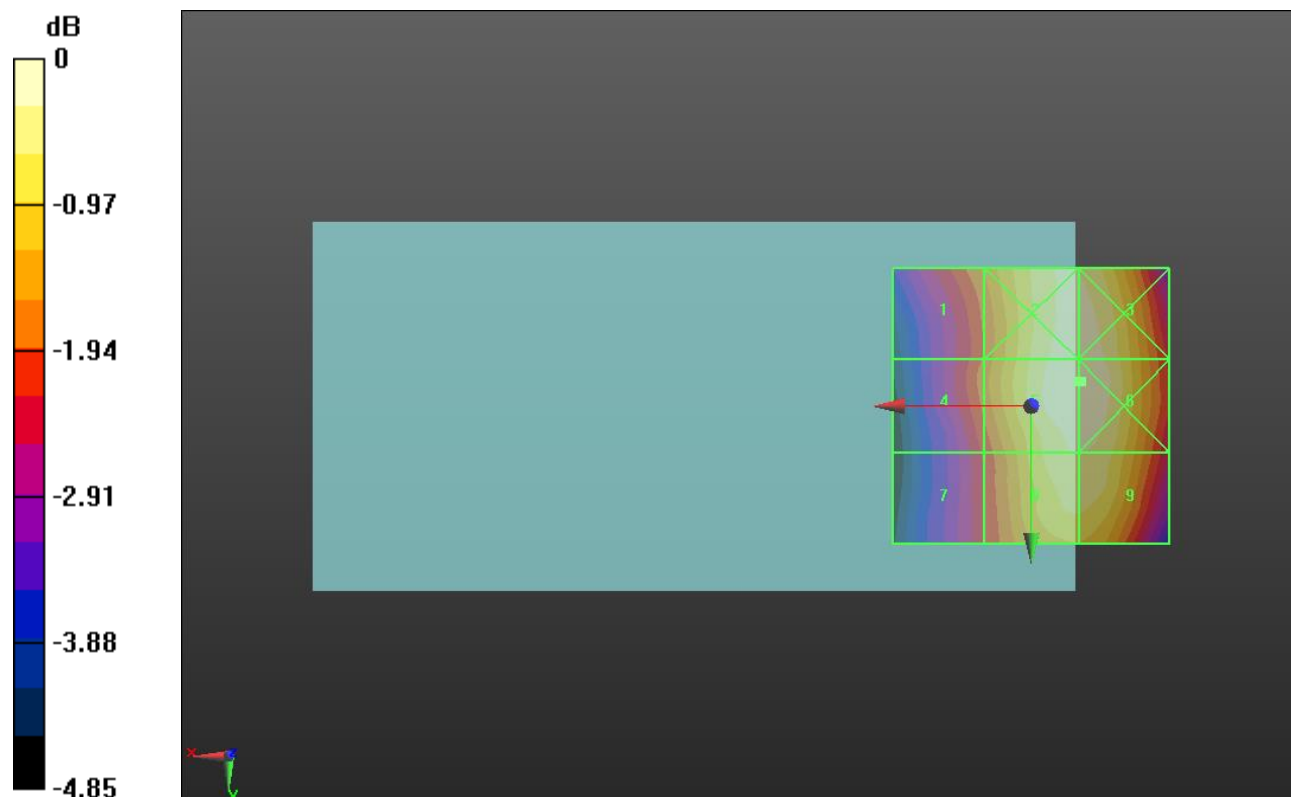
Applied MIF = 3.63 dB

RF audio interference level = 40.12 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.59 dBV/m</b>	Grid 2 <b>M3</b> <b>40.02 dBV/m</b>	Grid 3 <b>M3</b> <b>40.02 dBV/m</b>
Grid 4 <b>M4</b> <b>38.39 dBV/m</b>	Grid 5 <b>M3</b> <b>40.12 dBV/m</b>	Grid 6 <b>M3</b> <b>40.12 dBV/m</b>
Grid 7 <b>M4</b> <b>37.95 dBV/m</b>	Grid 8 <b>M4</b> <b>39.81 dBV/m</b>	Grid 9 <b>M4</b> <b>39.81 dBV/m</b>



0 dB = 101.4 V/m = 40.12 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_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 = 79.82 V/m; Power Drift = 0.08 dB

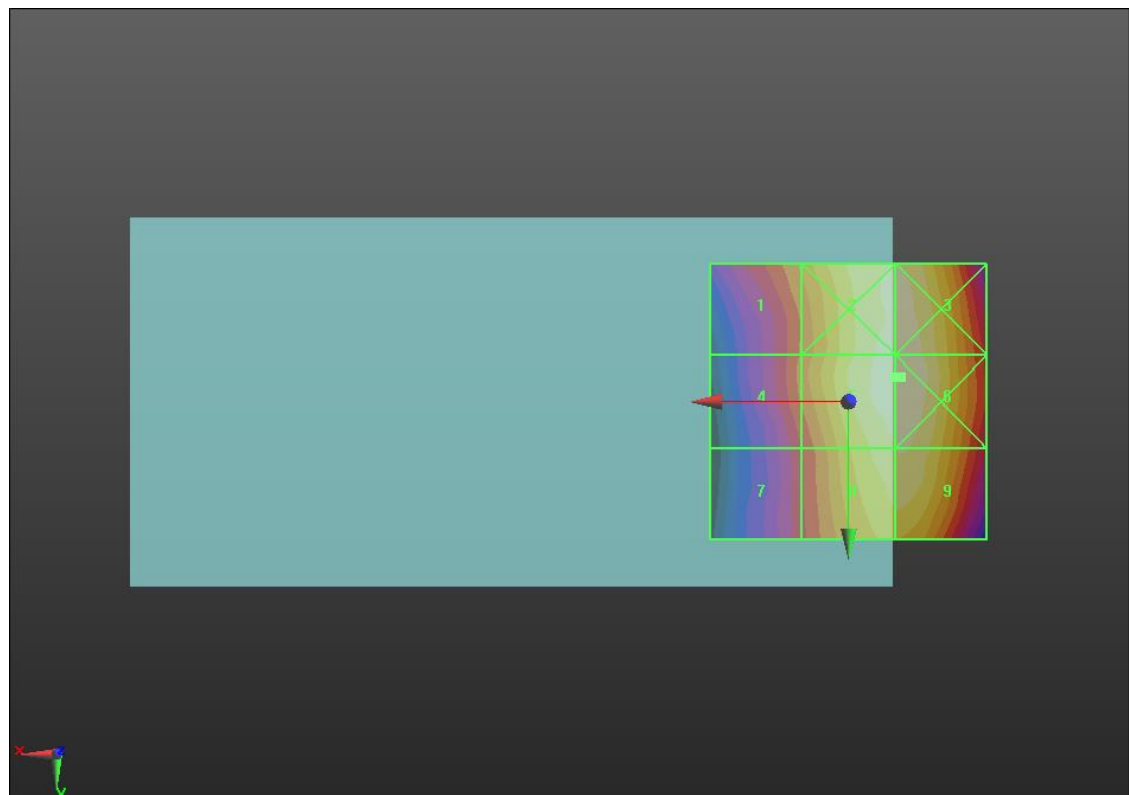
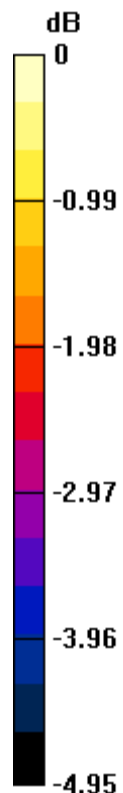
Applied MIF = 3.63 dB

RF audio interference level = 40.32 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.78 dBV/m</b>	Grid 2 <b>M3</b> <b>40.26 dBV/m</b>	Grid 3 <b>M3</b> <b>40.27 dBV/m</b>
Grid 4 <b>M4</b> <b>38.51 dBV/m</b>	Grid 5 <b>M3</b> <b>40.32 dBV/m</b>	Grid 6 <b>M3</b> <b>40.34 dBV/m</b>
Grid 7 <b>M4</b> <b>38.04 dBV/m</b>	Grid 8 <b>M3</b> <b>40.01 dBV/m</b>	Grid 9 <b>M3</b> <b>40.03 dBV/m</b>



0 dB = 104.0 V/m = 40.34 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_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 = 27.89 V/m; Power Drift = -0.09 dB

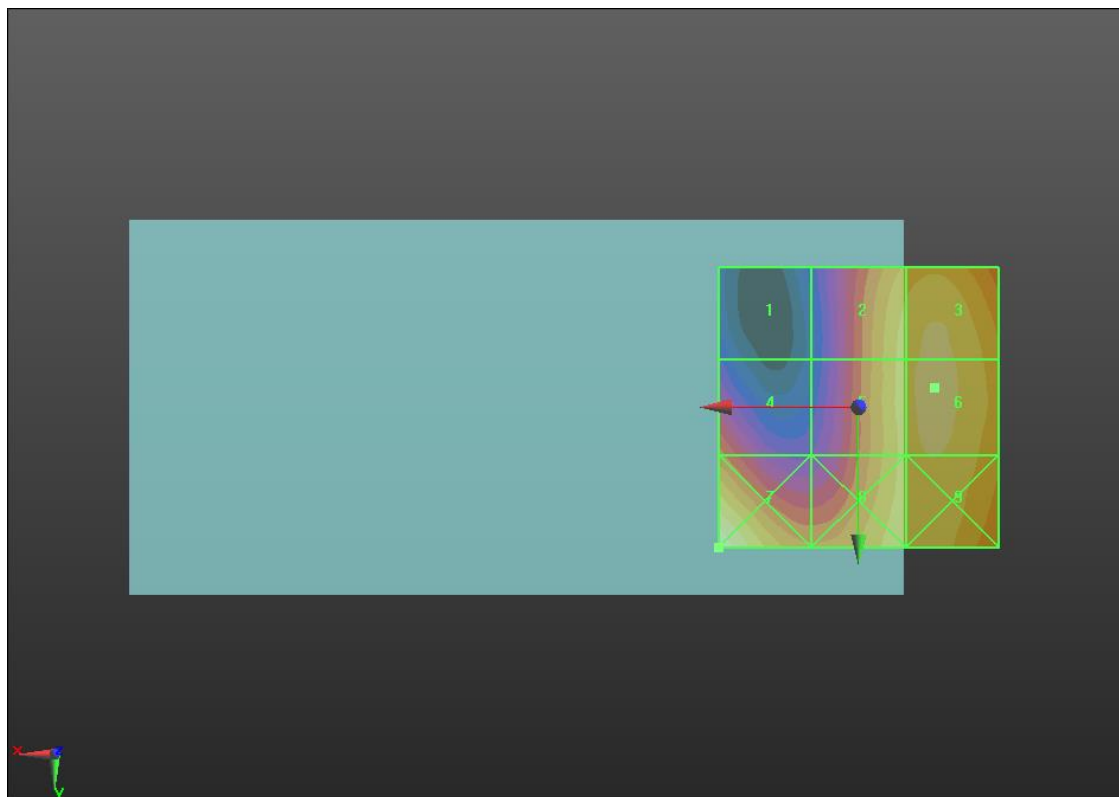
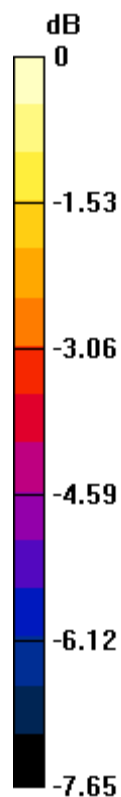
Applied MIF = 3.63 dB

RF audio interference level = 33.20 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.62 dBV/m</b>	Grid 2 <b>M3</b> <b>32.8 dBV/m</b>	Grid 3 <b>M3</b> <b>33.14 dBV/m</b>
Grid 4 <b>M3</b> <b>31.25 dBV/m</b>	Grid 5 <b>M3</b> <b>32.85 dBV/m</b>	Grid 6 <b>M3</b> <b>33.2 dBV/m</b>
Grid 7 <b>M3</b> <b>34.05 dBV/m</b>	Grid 8 <b>M3</b> <b>32.87 dBV/m</b>	Grid 9 <b>M3</b> <b>33.04 dBV/m</b>



0 dB = 50.38 V/m = 34.05 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_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 = 26.50 V/m; Power Drift = -0.00 dB

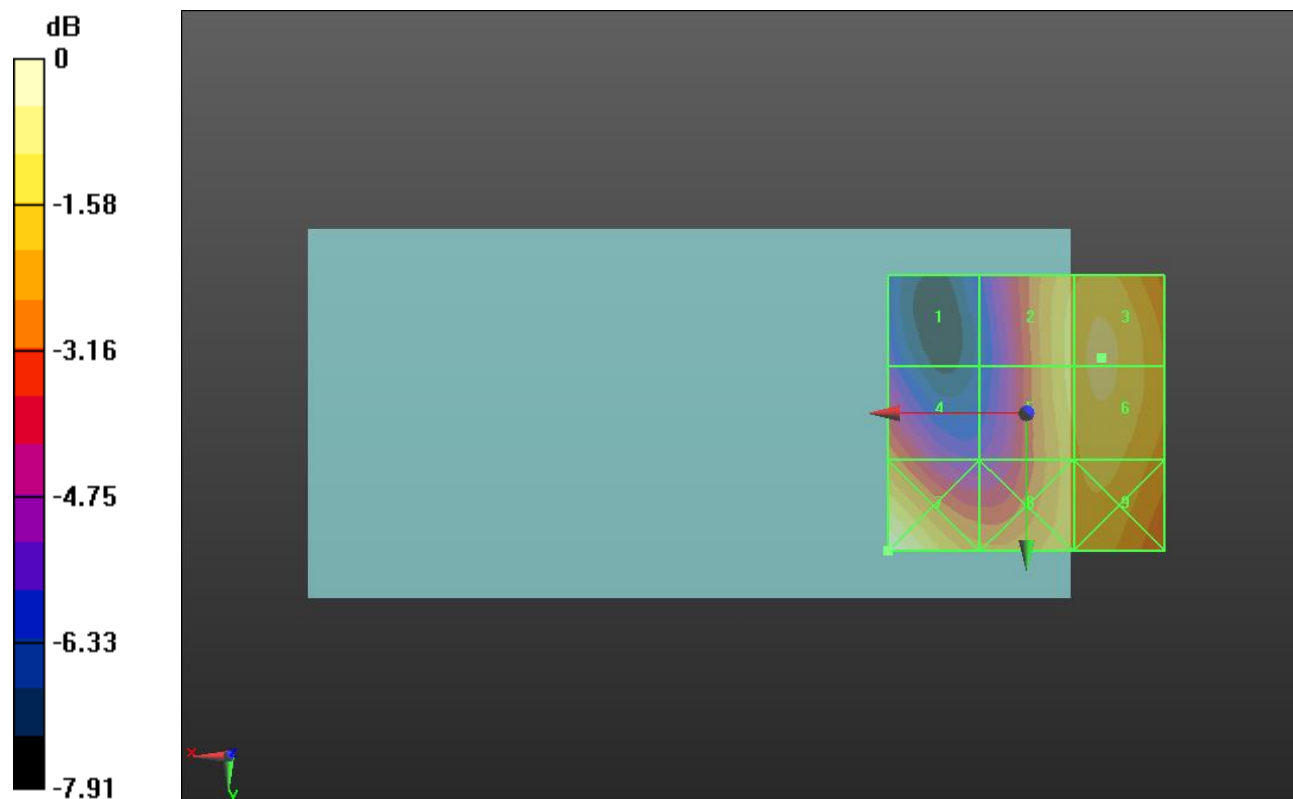
Applied MIF = 3.63 dB

RF audio interference level = 32.97 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.69 dBV/m</b>	Grid 2 <b>M3</b> <b>32.61 dBV/m</b>	Grid 3 <b>M3</b> <b>32.97 dBV/m</b>
Grid 4 <b>M3</b> <b>31.27 dBV/m</b>	Grid 5 <b>M3</b> <b>32.6 dBV/m</b>	Grid 6 <b>M3</b> <b>32.96 dBV/m</b>
Grid 7 <b>M3</b> <b>33.92 dBV/m</b>	Grid 8 <b>M3</b> <b>32.21 dBV/m</b>	Grid 9 <b>M3</b> <b>32.51 dBV/m</b>



0 dB = 49.63 V/m = 33.91 dBV/m

## HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_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 = 26.28 V/m; Power Drift = -0.06 dB

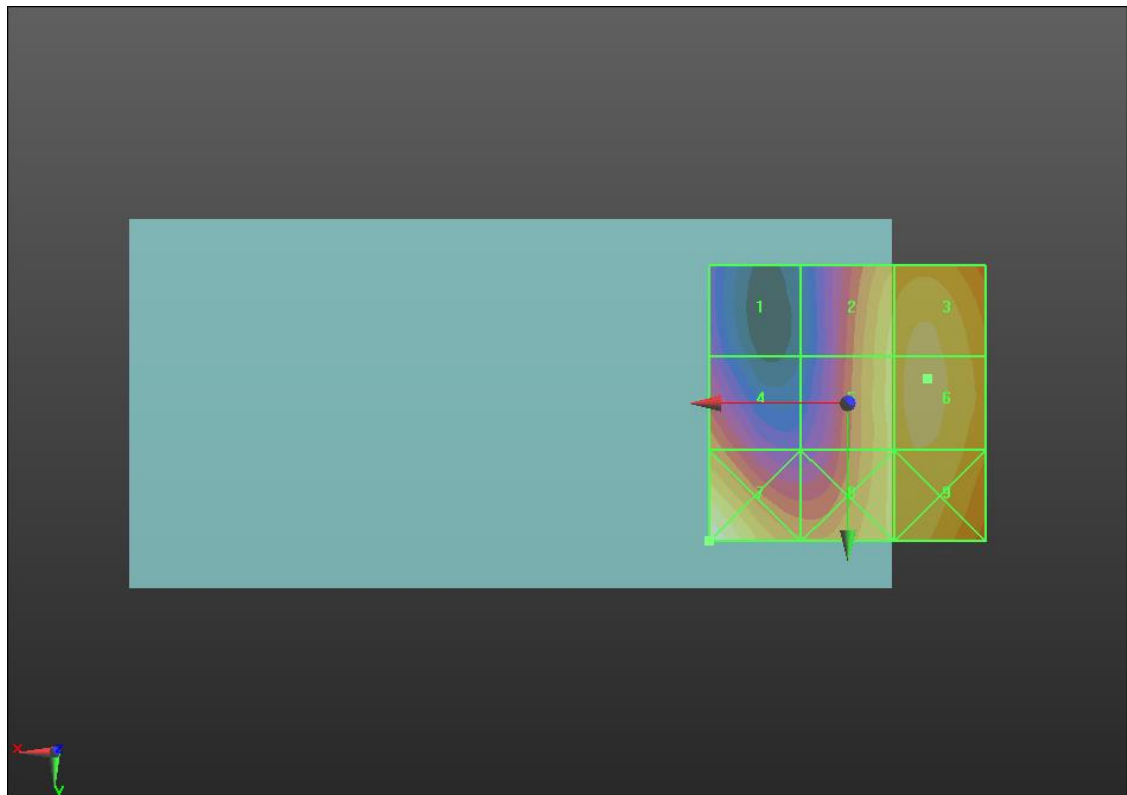
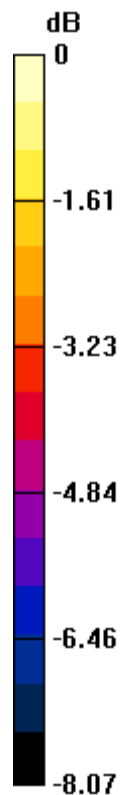
Applied MIF = 3.63 dB

RF audio interference level = 32.76 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.68 dBV/m</b>	Grid 2 <b>M3</b> <b>32.29 dBV/m</b>	Grid 3 <b>M3</b> <b>32.69 dBV/m</b>
Grid 4 <b>M3</b> <b>31 dBV/m</b>	Grid 5 <b>M3</b> <b>32.34 dBV/m</b>	Grid 6 <b>M3</b> <b>32.76 dBV/m</b>
Grid 7 <b>M3</b> <b>33.63 dBV/m</b>	Grid 8 <b>M3</b> <b>32.23 dBV/m</b>	Grid 9 <b>M3</b> <b>32.55 dBV/m</b>



0 dB = 48.01 V/m = 33.63 dBV/m



## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC0 E-Field measurement/Voice\_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 = 28.83 V/m; Power Drift = 0.07 dB

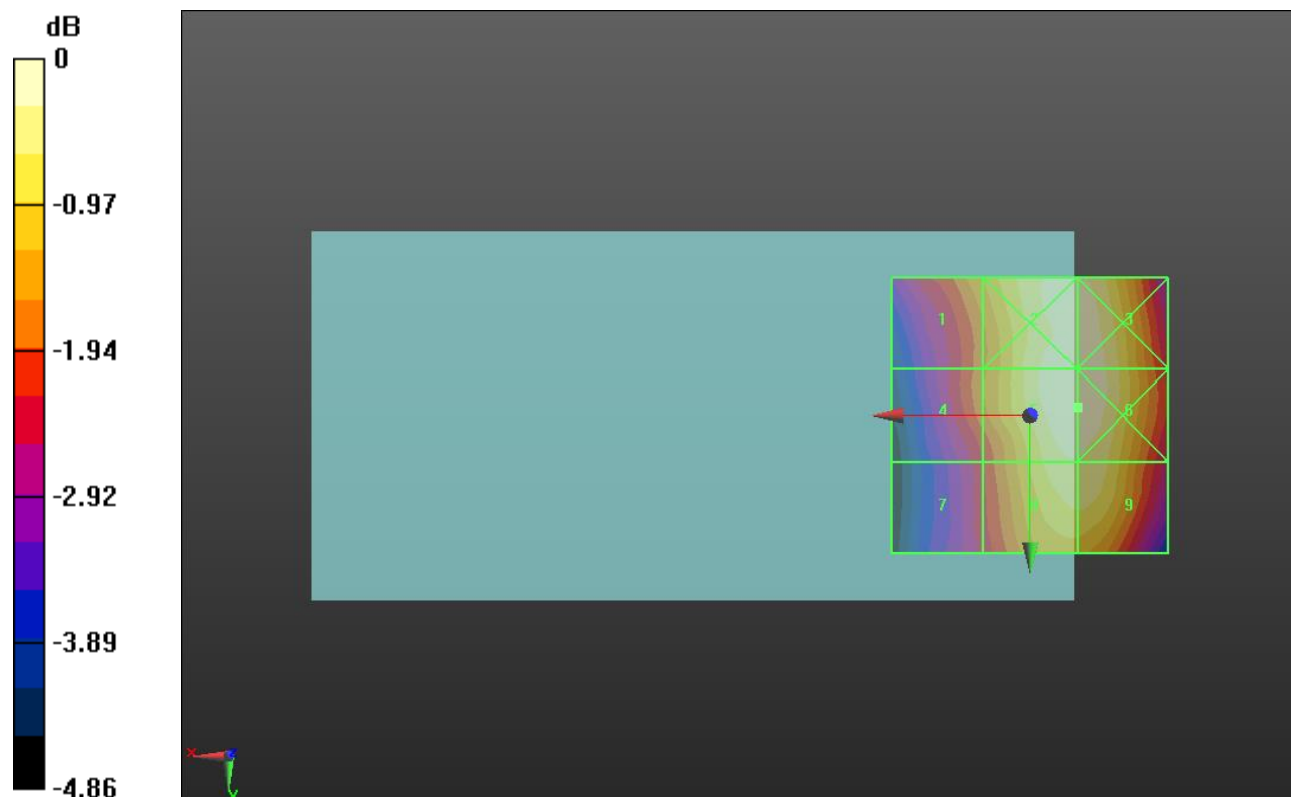
Applied MIF = 3.26 dB

RF audio interference level = 31.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.79 dBV/m</b>	Grid 2 <b>M4</b> <b>30.99 dBV/m</b>	Grid 3 <b>M4</b> <b>30.99 dBV/m</b>
Grid 4 <b>M4</b> <b>29.41 dBV/m</b>	Grid 5 <b>M4</b> <b>31.03 dBV/m</b>	Grid 6 <b>M4</b> <b>31.03 dBV/m</b>
Grid 7 <b>M4</b> <b>28.78 dBV/m</b>	Grid 8 <b>M4</b> <b>30.69 dBV/m</b>	Grid 9 <b>M4</b> <b>30.69 dBV/m</b>



0 dB = 35.62 V/m = 31.03 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1  
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC0 E-Field measurement/Voice\_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 = 30.16 V/m; Power Drift = 0.03 dB

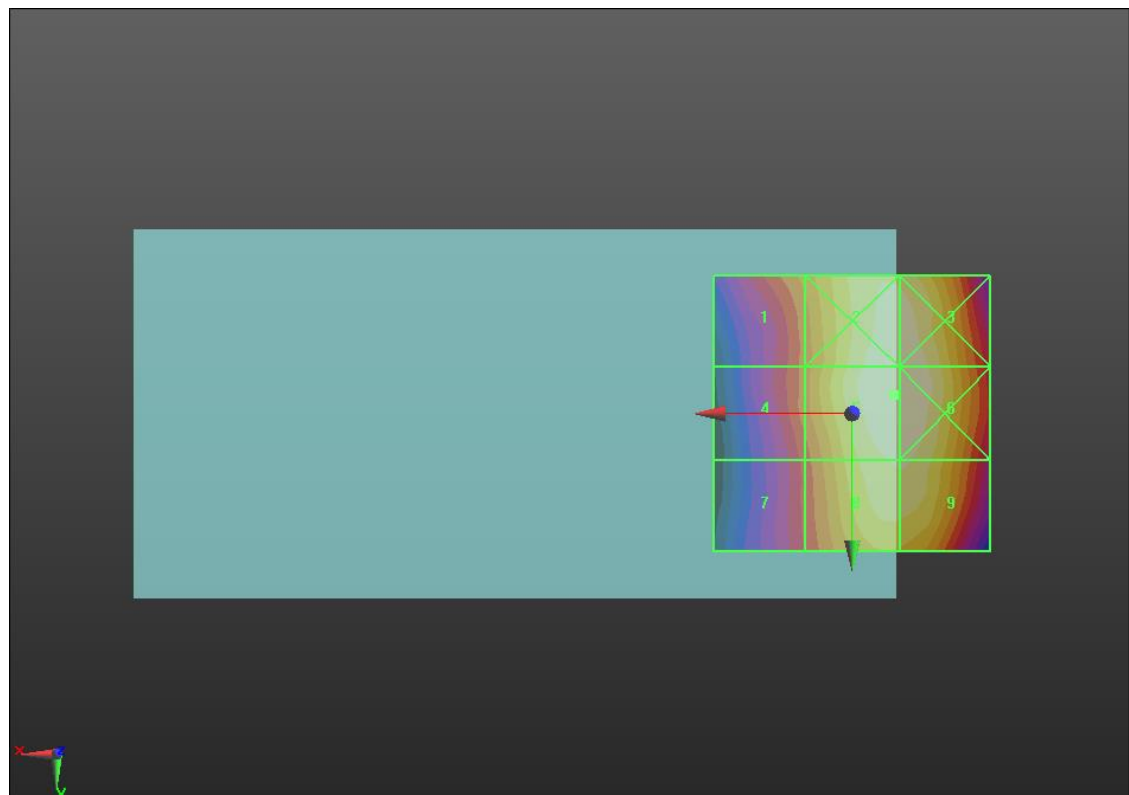
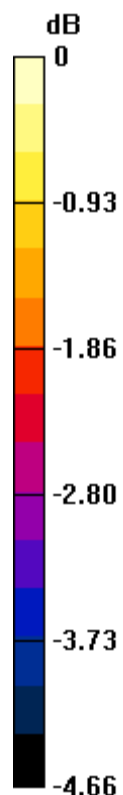
Applied MIF = 3.26 dB

RF audio interference level = 31.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.88 dBV/m</b>	Grid 2 <b>M4</b> <b>31.23 dBV/m</b>	Grid 3 <b>M4</b> <b>31.23 dBV/m</b>
Grid 4 <b>M4</b> <b>29.62 dBV/m</b>	Grid 5 <b>M4</b> <b>31.28 dBV/m</b>	Grid 6 <b>M4</b> <b>31.27 dBV/m</b>
Grid 7 <b>M4</b> <b>29.27 dBV/m</b>	Grid 8 <b>M4</b> <b>31.02 dBV/m</b>	Grid 9 <b>M4</b> <b>31.02 dBV/m</b>



0 dB = 36.64 V/m = 31.28 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC0 E-Field measurement/Voice\_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 = 26.00 V/m; Power Drift = -0.06 dB

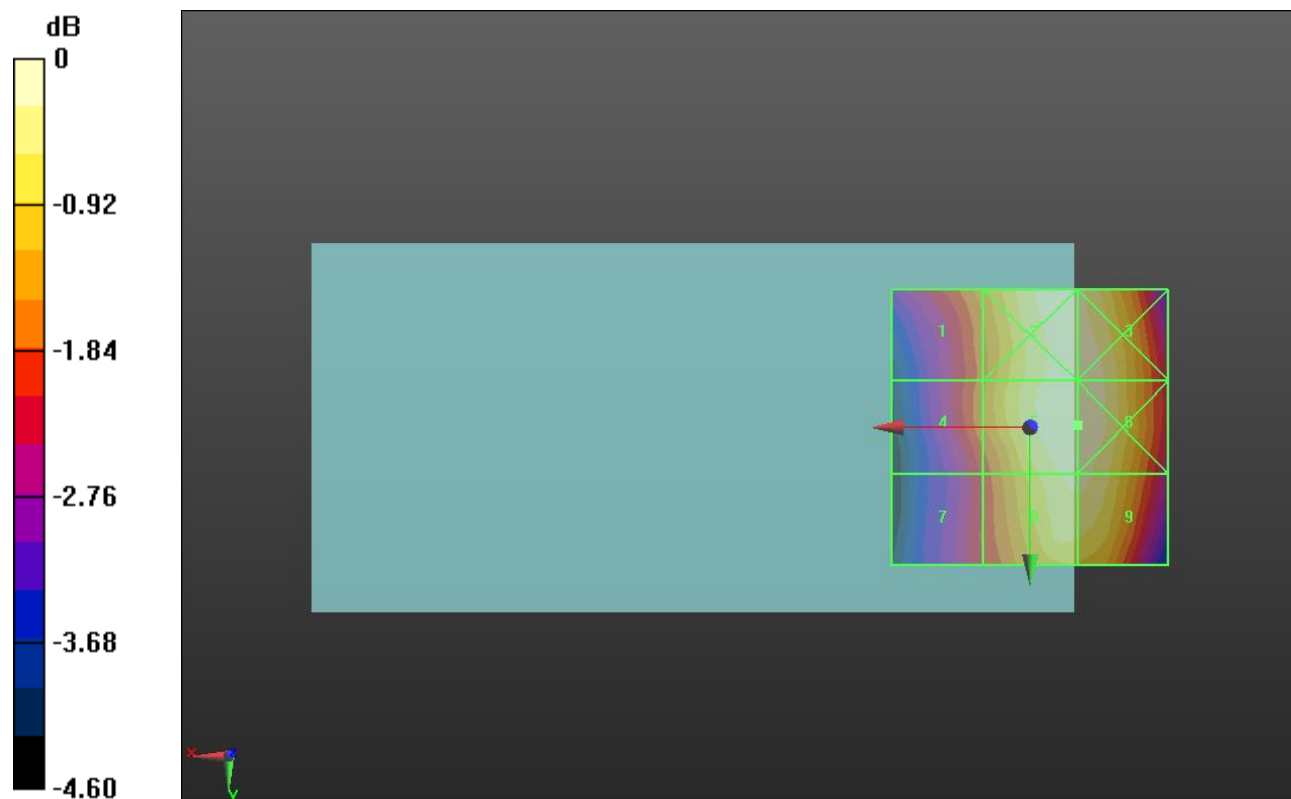
Applied MIF = 3.26 dB

RF audio interference level = 29.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.66 dBV/m</b>	Grid 2 <b>M4</b> <b>29.93 dBV/m</b>	Grid 3 <b>M4</b> <b>29.94 dBV/m</b>
Grid 4 <b>M4</b> <b>28.42 dBV/m</b>	Grid 5 <b>M4</b> <b>29.97 dBV/m</b>	Grid 6 <b>M4</b> <b>29.97 dBV/m</b>
Grid 7 <b>M4</b> <b>27.92 dBV/m</b>	Grid 8 <b>M4</b> <b>29.76 dBV/m</b>	Grid 9 <b>M4</b> <b>29.76 dBV/m</b>



0 dB = 31.51 V/m = 29.97 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC1 E-Field measurement/Voice\_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 = 13.82 V/m; Power Drift = -0.12 dB

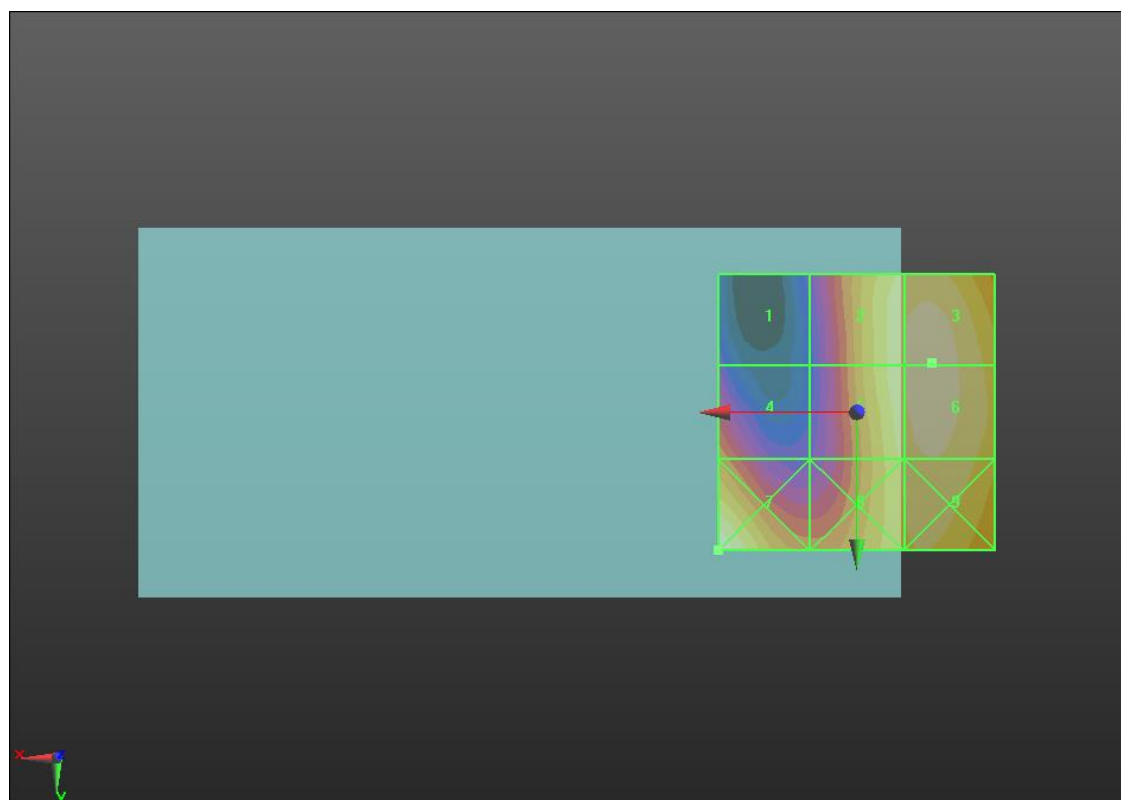
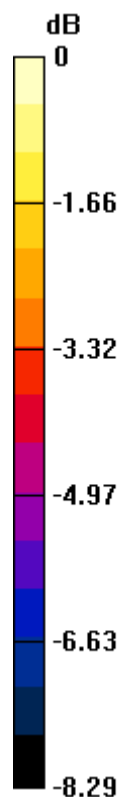
Applied MIF = 3.26 dB

RF audio interference level = 27.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.76 dBV/m</b>	Grid 2 <b>M4</b> <b>26.66 dBV/m</b>	Grid 3 <b>M4</b> <b>27 dBV/m</b>
Grid 4 <b>M4</b> <b>24.49 dBV/m</b>	Grid 5 <b>M4</b> <b>26.67 dBV/m</b>	Grid 6 <b>M4</b> <b>27 dBV/m</b>
Grid 7 <b>M4</b> <b>27.22 dBV/m</b>	Grid 8 <b>M4</b> <b>26.26 dBV/m</b>	Grid 9 <b>M4</b> <b>26.66 dBV/m</b>



0 dB = 22.97 V/m = 27.22 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC1 E-Field measurement/Voice\_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 = 13.38 V/m; Power Drift = 0.03 dB

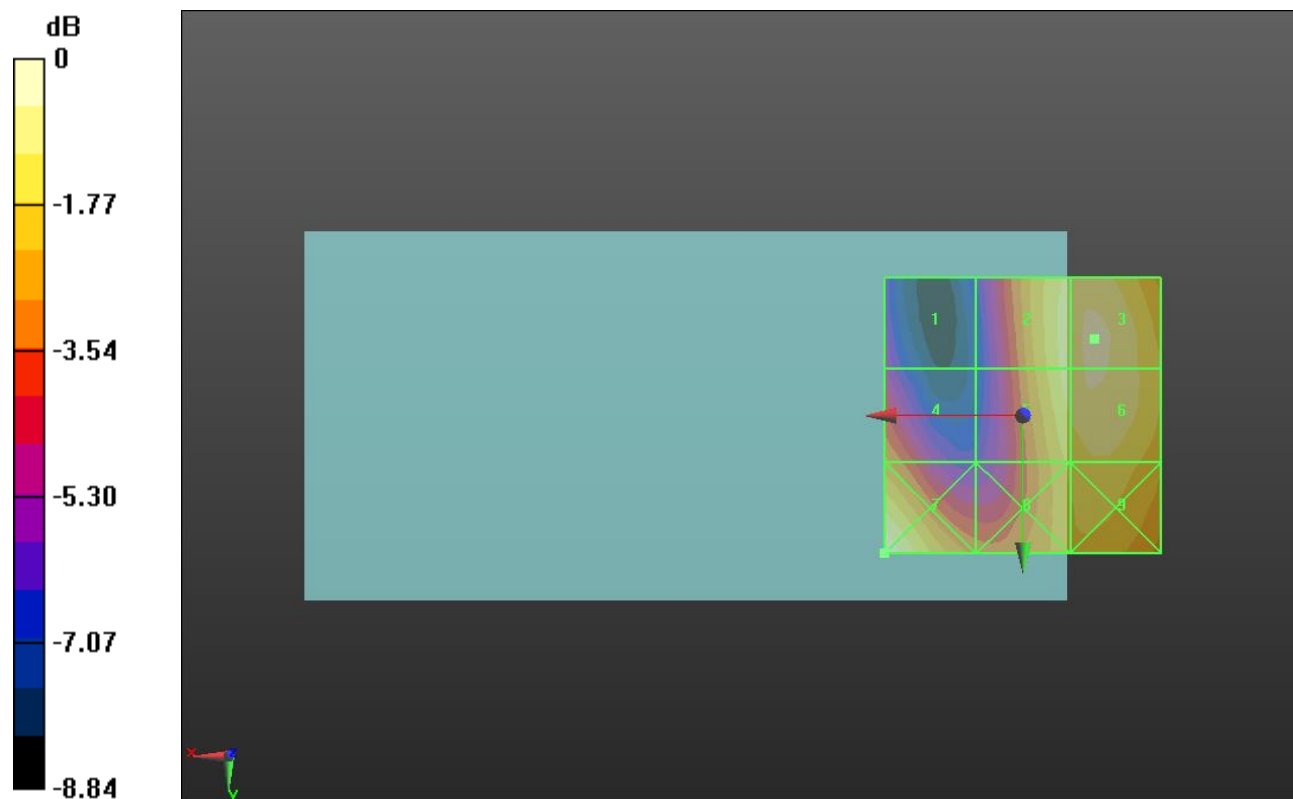
Applied MIF = 3.26 dB

RF audio interference level = 27.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.45 dBV/m</b>	Grid 2 <b>M4</b> <b>26.74 dBV/m</b>	Grid 3 <b>M4</b> <b>27.06 dBV/m</b>
Grid 4 <b>M4</b> <b>24.85 dBV/m</b>	Grid 5 <b>M4</b> <b>26.69 dBV/m</b>	Grid 6 <b>M4</b> <b>27.03 dBV/m</b>
Grid 7 <b>M4</b> <b>27.56 dBV/m</b>	Grid 8 <b>M4</b> <b>25.96 dBV/m</b>	Grid 9 <b>M4</b> <b>26.3 dBV/m</b>



0 dB = 23.88 V/m = 27.56 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC1 E-Field measurement/Voice\_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 = 13.63 V/m; Power Drift = -0.11 dB

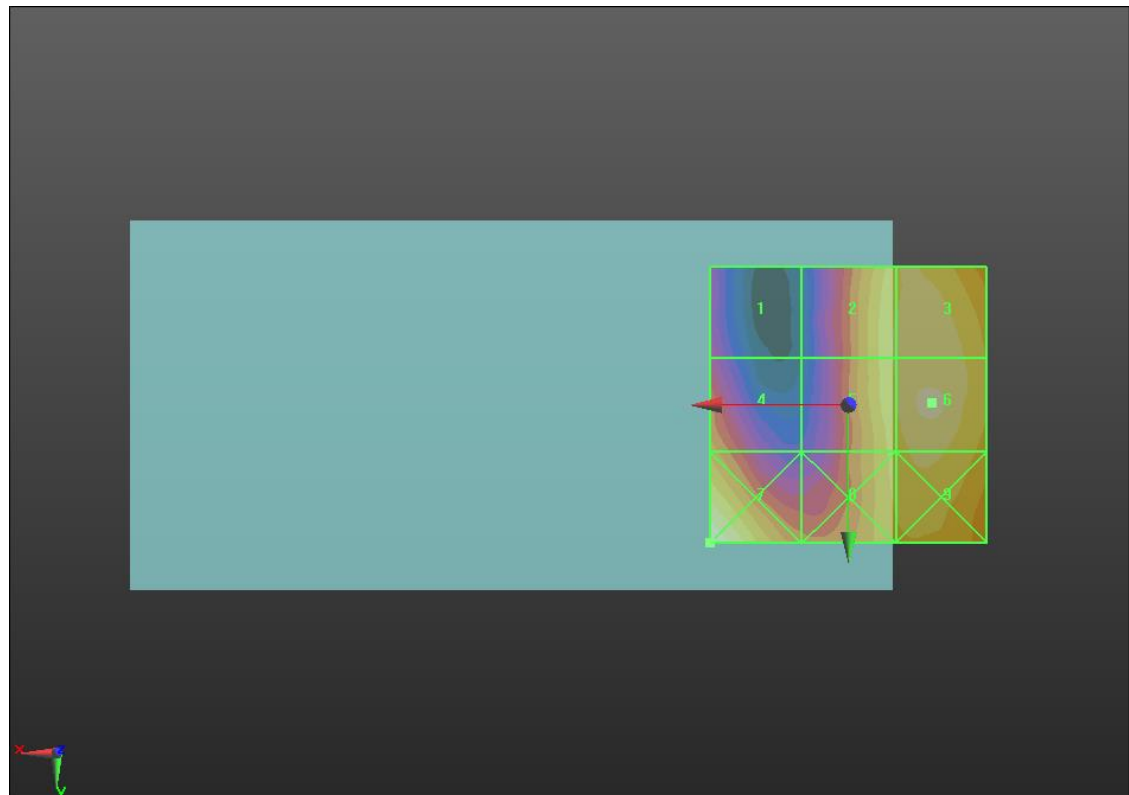
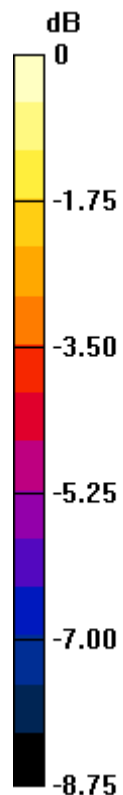
Applied MIF = 3.26 dB

RF audio interference level = 27.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>22.98 dBV/m</b>	Grid 2 <b>M4</b> <b>26.7 dBV/m</b>	Grid 3 <b>M4</b> <b>27.09 dBV/m</b>
Grid 4 <b>M4</b> <b>25.22 dBV/m</b>	Grid 5 <b>M4</b> <b>26.69 dBV/m</b>	Grid 6 <b>M4</b> <b>27.43 dBV/m</b>
Grid 7 <b>M4</b> <b>27.74 dBV/m</b>	Grid 8 <b>M4</b> <b>26.26 dBV/m</b>	Grid 9 <b>M4</b> <b>26.69 dBV/m</b>



0 dB = 24.39 V/m = 27.74 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC10 E-Field measurement/Voice\_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 = 27.01 V/m; Power Drift = -0.10 dB

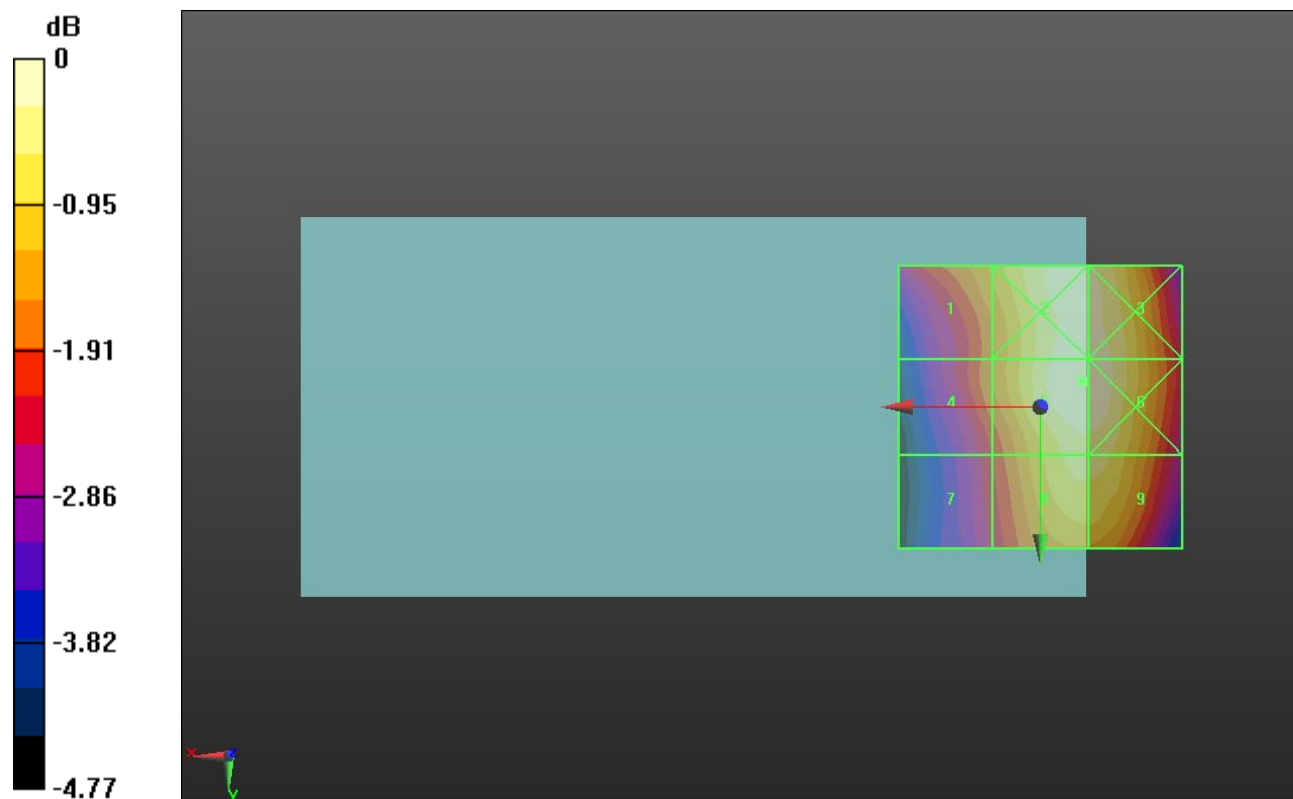
Applied MIF = 3.26 dB

RF audio interference level = 30.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.16 dBV/m</b>	Grid 2 <b>M4</b> <b>30.29 dBV/m</b>	Grid 3 <b>M4</b> <b>30.27 dBV/m</b>
Grid 4 <b>M4</b> <b>28.8 dBV/m</b>	Grid 5 <b>M4</b> <b>30.36 dBV/m</b>	Grid 6 <b>M4</b> <b>30.35 dBV/m</b>
Grid 7 <b>M4</b> <b>28.14 dBV/m</b>	Grid 8 <b>M4</b> <b>29.92 dBV/m</b>	Grid 9 <b>M4</b> <b>29.92 dBV/m</b>



0 dB = 32.95 V/m = 30.36 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC10 E-Field measurement/Voice\_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 = 28.51 V/m; Power Drift = 0.00 dB

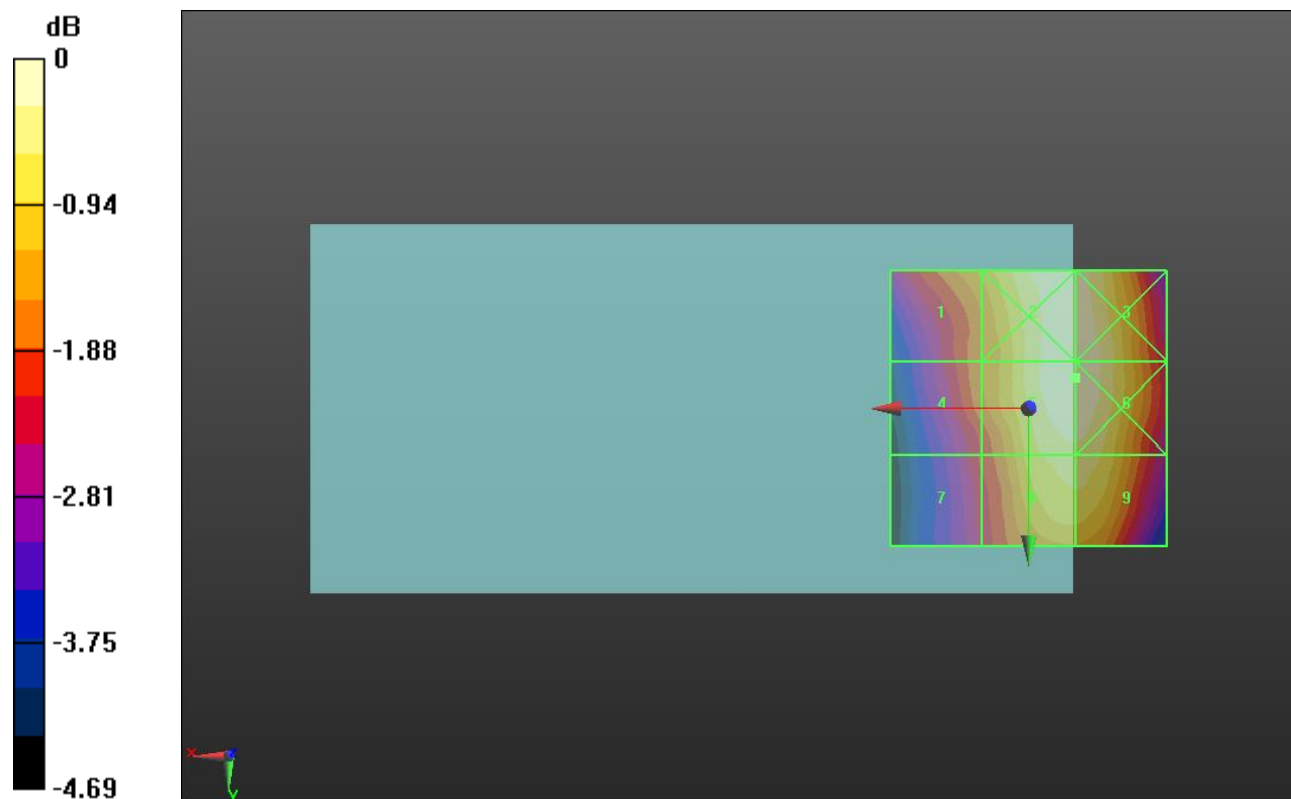
Applied MIF = 3.26 dB

RF audio interference level = 30.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.61 dBV/m</b>	Grid 2 <b>M4</b> <b>30.7 dBV/m</b>	Grid 3 <b>M4</b> <b>30.68 dBV/m</b>
Grid 4 <b>M4</b> <b>29.19 dBV/m</b>	Grid 5 <b>M4</b> <b>30.75 dBV/m</b>	Grid 6 <b>M4</b> <b>30.75 dBV/m</b>
Grid 7 <b>M4</b> <b>28.64 dBV/m</b>	Grid 8 <b>M4</b> <b>30.33 dBV/m</b>	Grid 9 <b>M4</b> <b>30.33 dBV/m</b>



0 dB = 34.47 V/m = 30.75 dBV/m



## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC10 E-Field measurement/Voice\_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 = 25.75 V/m; Power Drift = -0.07 dB

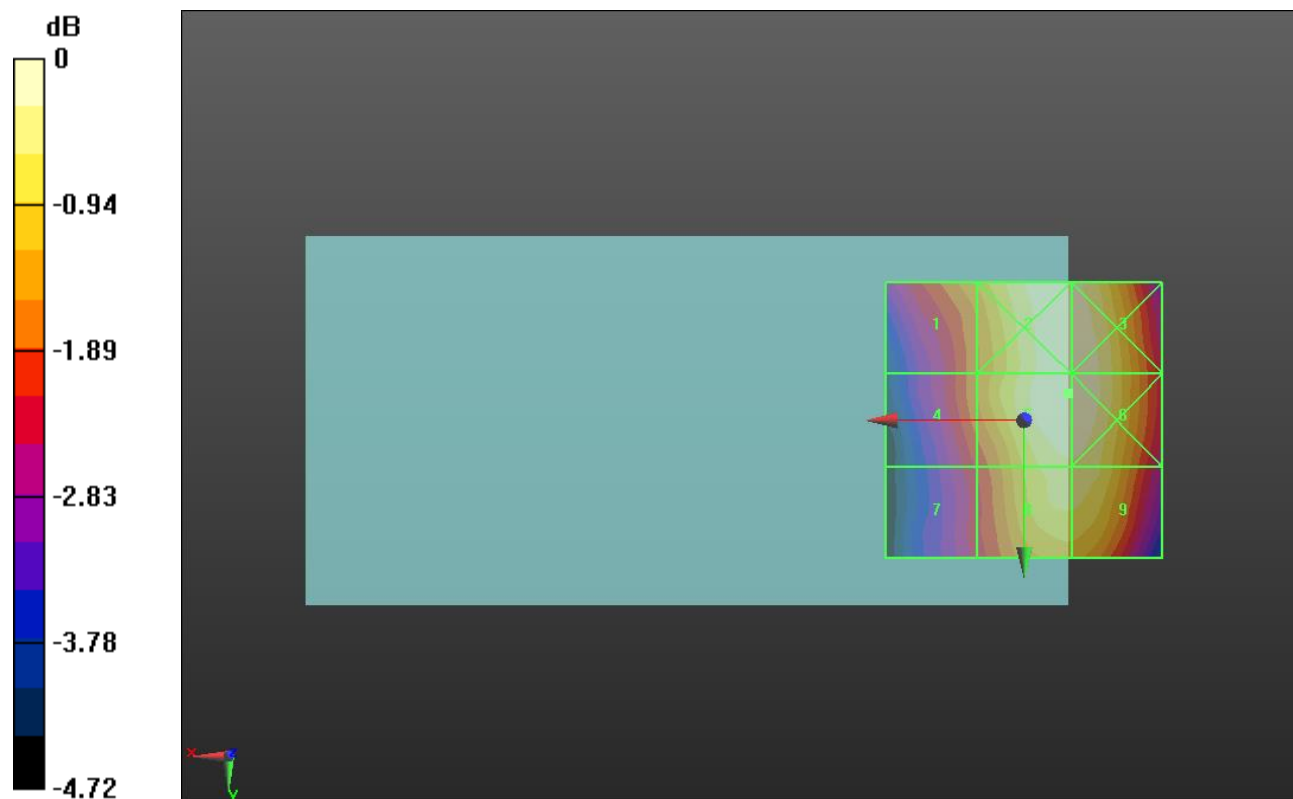
Applied MIF = 3.26 dB

RF audio interference level = 29.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.73 dBV/m</b>	Grid 2 <b>M4</b> <b>29.86 dBV/m</b>	Grid 3 <b>M4</b> <b>29.85 dBV/m</b>
Grid 4 <b>M4</b> <b>28.34 dBV/m</b>	Grid 5 <b>M4</b> <b>29.9 dBV/m</b>	Grid 6 <b>M4</b> <b>29.9 dBV/m</b>
Grid 7 <b>M4</b> <b>27.76 dBV/m</b>	Grid 8 <b>M4</b> <b>29.51 dBV/m</b>	Grid 9 <b>M4</b> <b>29.51 dBV/m</b>



0 dB = 31.26 V/m = 29.90 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC15 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 = 8.546 V/m; Power Drift = -0.20 dB

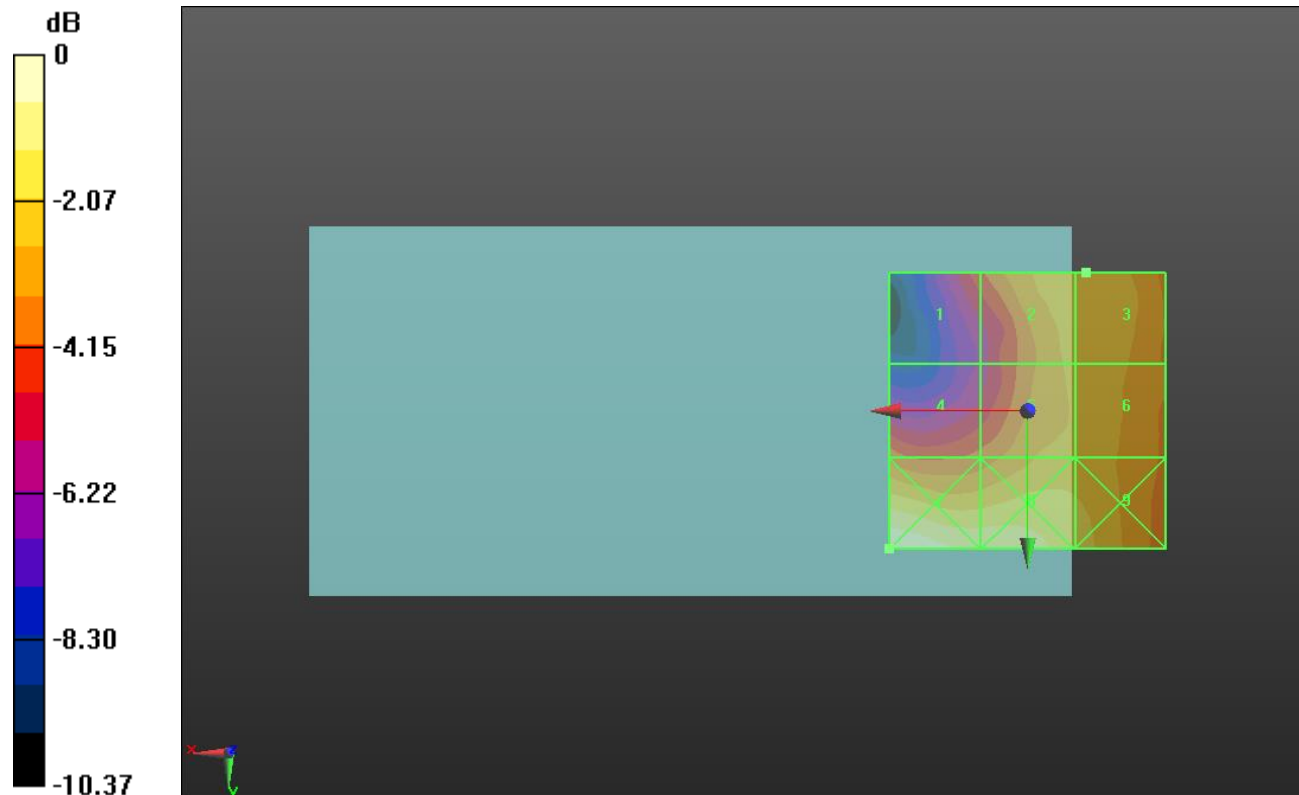
Applied MIF = 3.26 dB

RF audio interference level = 21.74 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>19.61 dBV/m</b>	Grid 2 <b>M4</b> <b>21.71 dBV/m</b>	Grid 3 <b>M4</b> <b>21.74 dBV/m</b>
Grid 4 <b>M4</b> <b>20.23 dBV/m</b>	Grid 5 <b>M4</b> <b>21.4 dBV/m</b>	Grid 6 <b>M4</b> <b>21.5 dBV/m</b>
Grid 7 <b>M4</b> <b>23.87 dBV/m</b>	Grid 8 <b>M4</b> <b>23.16 dBV/m</b>	Grid 9 <b>M4</b> <b>22.24 dBV/m</b>



0 dB = 15.62 V/m = 23.87 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC15 E-Field measurement/RC1\_SO3\_Ch 450/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 = 10.10 V/m; Power Drift = -0.07 dB

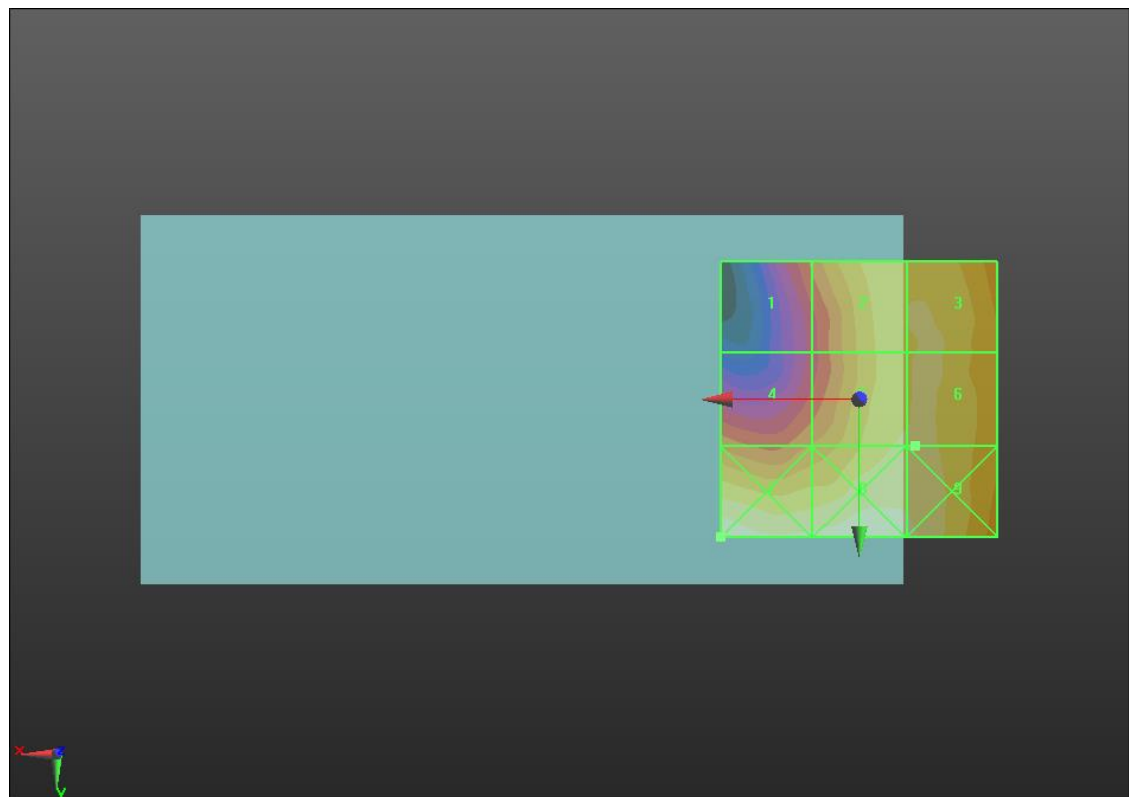
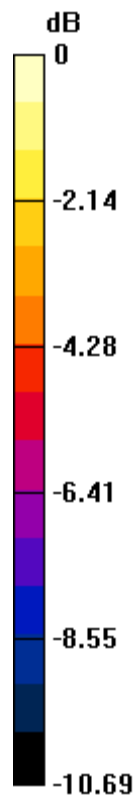
Applied MIF = 3.26 dB

RF audio interference level = 22.87 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.15 dBV/m</b>	Grid 2 <b>M4</b> <b>22.77 dBV/m</b>	Grid 3 <b>M4</b> <b>22.86 dBV/m</b>
Grid 4 <b>M4</b> <b>20.73 dBV/m</b>	Grid 5 <b>M4</b> <b>22.86 dBV/m</b>	Grid 6 <b>M4</b> <b>22.87 dBV/m</b>
Grid 7 <b>M4</b> <b>24.18 dBV/m</b>	Grid 8 <b>M4</b> <b>23.91 dBV/m</b>	Grid 9 <b>M4</b> <b>23.64 dBV/m</b>



0 dB = 16.19 V/m = 24.18 dBV/m

## HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_CDMA BC15 E-Field measurement/RC1\_SO3\_Ch 875/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 = 11.02 V/m; Power Drift = 0.03 dB

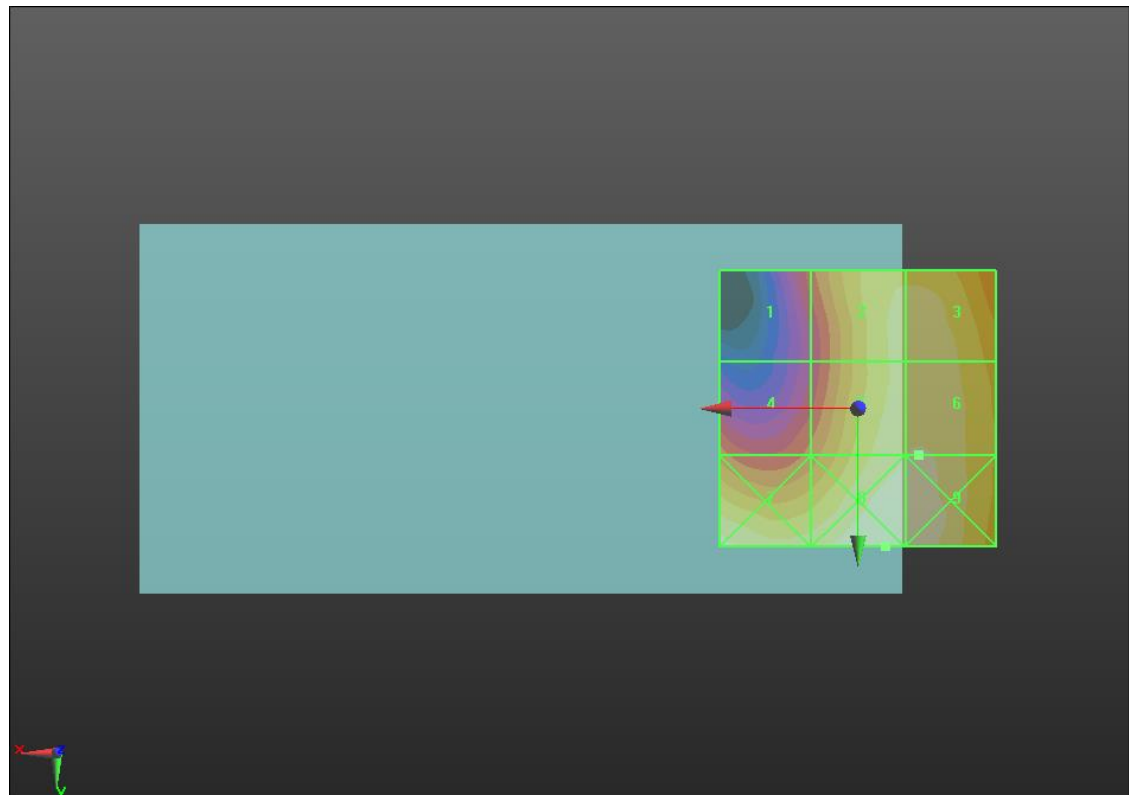
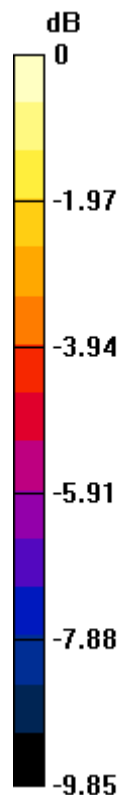
Applied MIF = 3.26 dB

RF audio interference level = 24.02 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.48 dBV/m</b>	Grid 2 <b>M4</b> <b>23.62 dBV/m</b>	Grid 3 <b>M4</b> <b>23.76 dBV/m</b>
Grid 4 <b>M4</b> <b>21.12 dBV/m</b>	Grid 5 <b>M4</b> <b>23.96 dBV/m</b>	Grid 6 <b>M4</b> <b>24.02 dBV/m</b>
Grid 7 <b>M4</b> <b>24.28 dBV/m</b>	Grid 8 <b>M4</b> <b>24.62 dBV/m</b>	Grid 9 <b>M4</b> <b>24.56 dBV/m</b>



0 dB = 17.02 V/m = 24.62 dBV/m

## HAC-RF Emission\_WiFi 2.4GHz

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_802.11g E-Field measurement/VOIP\_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 = 8.051 V/m; Power Drift = -0.03 dB

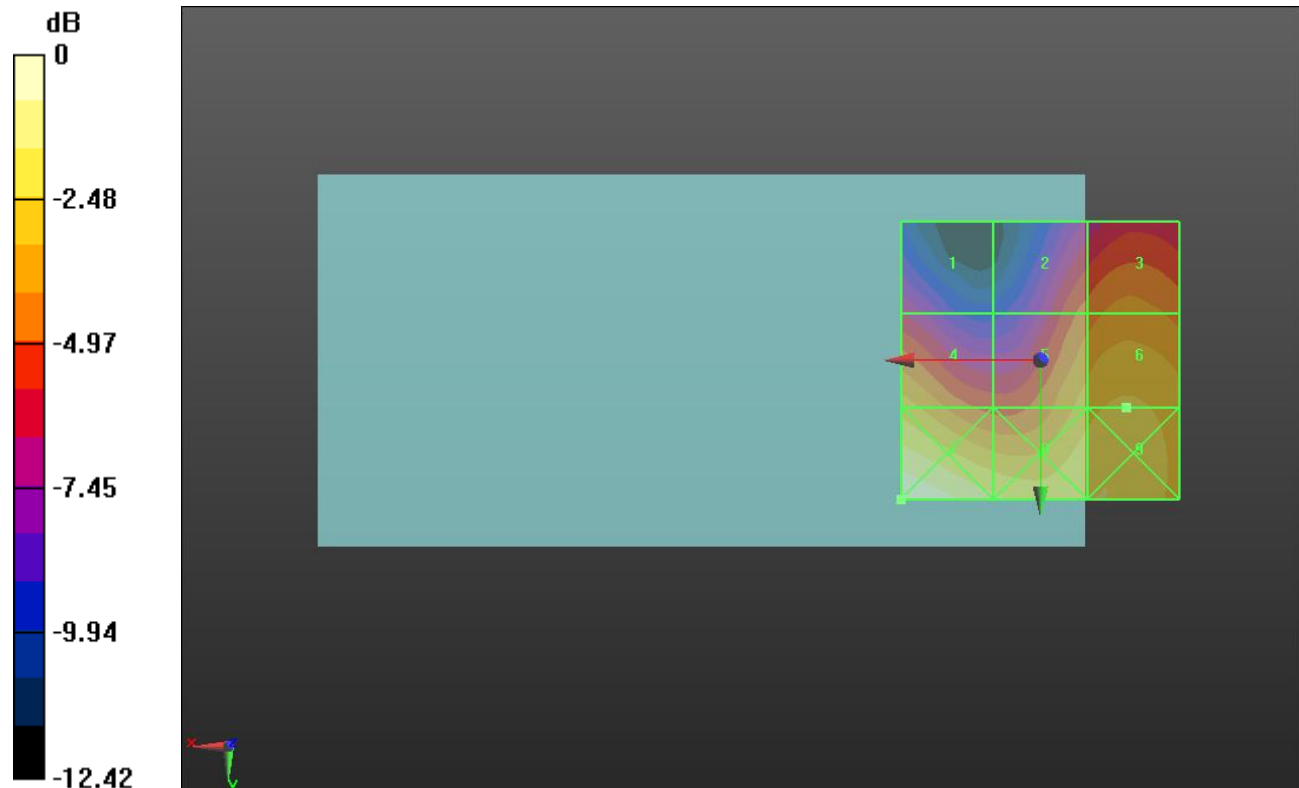
Applied MIF = 0.12 dB

RF audio interference level = 21.07 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 <b>16.83 dBV/m</b>	Grid 2 M4 <b>18.82 dBV/m</b>	Grid 3 M4 <b>19.61 dBV/m</b>
Grid 4 M4 <b>20.56 dBV/m</b>	Grid 5 M4 <b>20.57 dBV/m</b>	Grid 6 M4 <b>21.07 dBV/m</b>
Grid 7 M4 <b>23.38 dBV/m</b>	Grid 8 M4 <b>21.97 dBV/m</b>	Grid 9 M4 <b>21.73 dBV/m</b>



0 dB = 14.75 V/m = 23.38 dBV/m

## HAC-RF Emission\_WiFi 2.4GHz

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_802.11g E-Field measurement/VOIP\_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 = 8.842 V/m; Power Drift = -0.17 dB

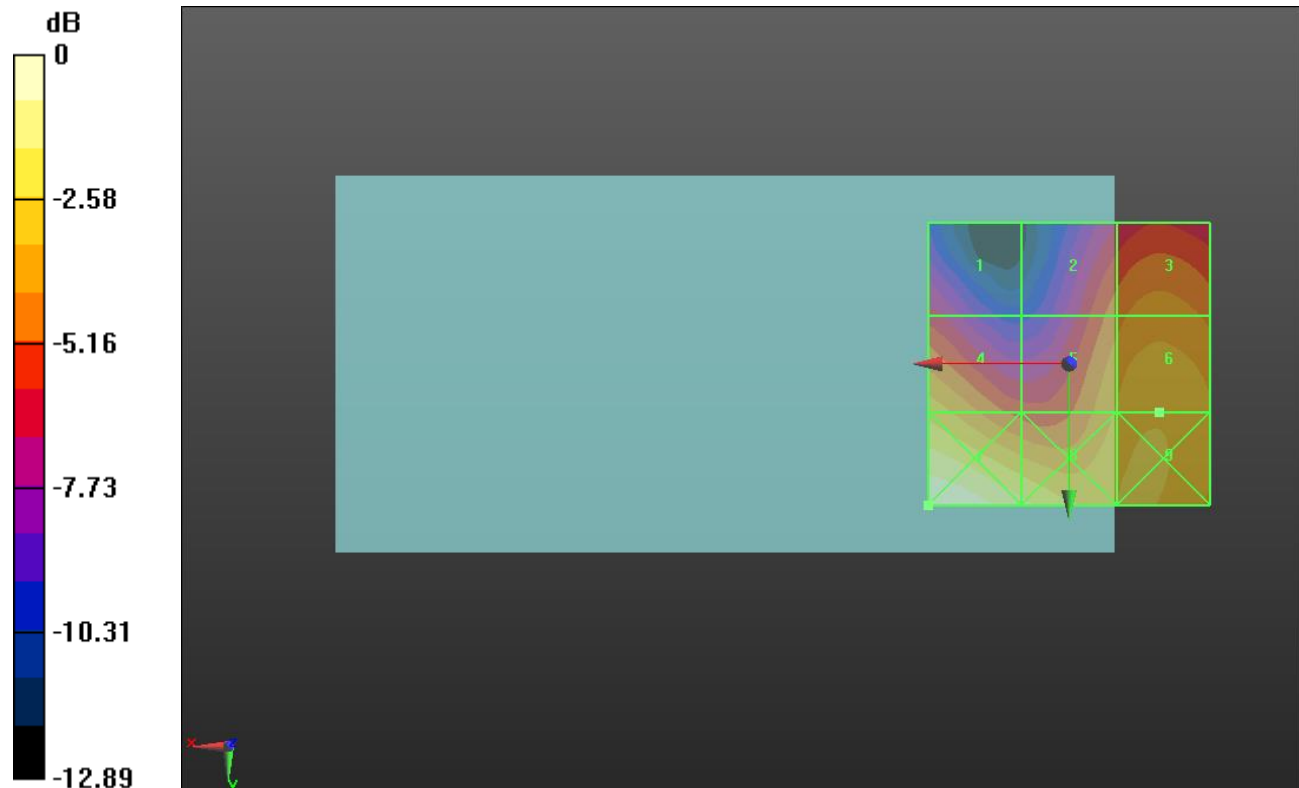
Applied MIF = 0.12 dB

RF audio interference level = 21.95 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>18.31 dBV/m</b>	Grid 2 <b>M4</b> <b>20.03 dBV/m</b>	Grid 3 <b>M4</b> <b>20.85 dBV/m</b>
Grid 4 <b>M4</b> <b>21.78 dBV/m</b>	Grid 5 <b>M4</b> <b>21.33 dBV/m</b>	Grid 6 <b>M4</b> <b>21.95 dBV/m</b>
Grid 7 <b>M4</b> <b>24.64 dBV/m</b>	Grid 8 <b>M4</b> <b>23.23 dBV/m</b>	Grid 9 <b>M4</b> <b>22.22 dBV/m</b>



0 dB = 17.05 V/m = 24.63 dBV/m

### HAC-RF Emission\_WiFi 2.4GHz

Communication System: UID 10077 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

### LAT\_802.11g E-Field measurement/VOIP\_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 = 9.907 V/m; Power Drift = -0.06 dB

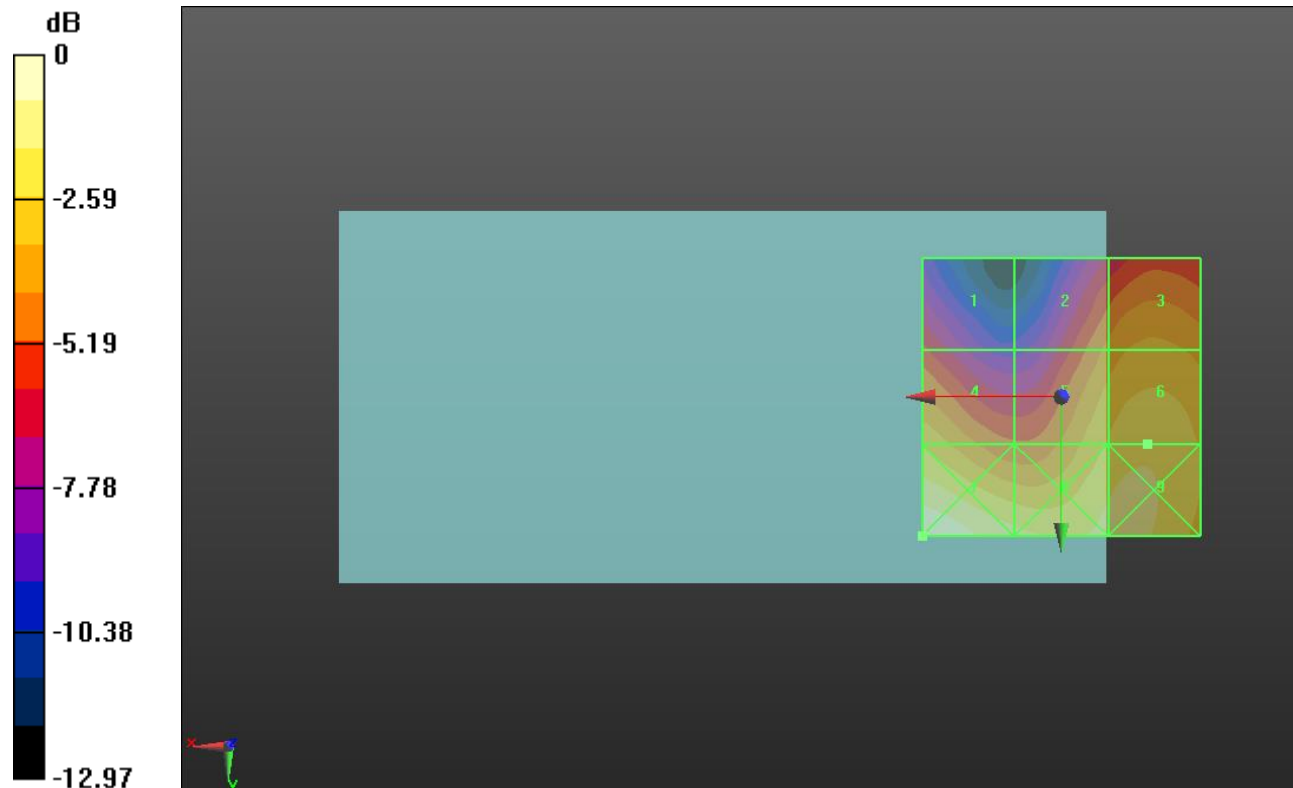
Applied MIF = 0.12 dB

RF audio interference level = 22.42 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 <b>18.57 dBV/m</b>	Grid 2 M4 <b>20.33 dBV/m</b>	Grid 3 M4 <b>21.16 dBV/m</b>
Grid 4 M4 <b>21.66 dBV/m</b>	Grid 5 M4 <b>21.9 dBV/m</b>	Grid 6 M4 <b>22.42 dBV/m</b>
Grid 7 M4 <b>24.35 dBV/m</b>	Grid 8 M4 <b>22.96 dBV/m</b>	Grid 9 M4 <b>22.89 dBV/m</b>



0 dB = 16.50 V/m = 24.35 dBV/m

### HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

### LAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 31.25 V/m; Power Drift = -0.02 dB

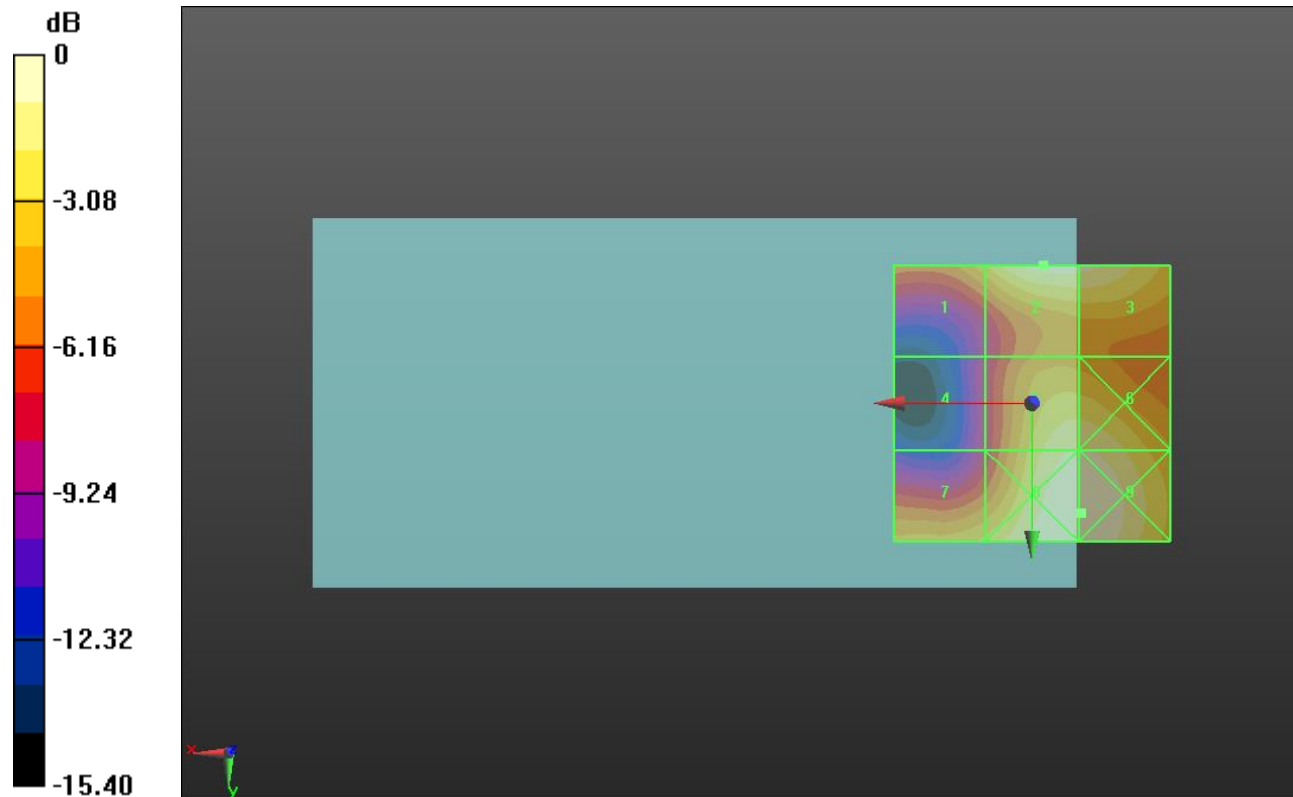
Applied MIF = -1.44 dB

RF audio interference level = 27.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.67 dBV/m</b>	Grid 2 <b>M4</b> <b>27.55 dBV/m</b>	Grid 3 <b>M4</b> <b>27.37 dBV/m</b>
Grid 4 <b>M4</b> <b>19.9 dBV/m</b>	Grid 5 <b>M4</b> <b>26.91 dBV/m</b>	Grid 6 <b>M4</b> <b>26.91 dBV/m</b>
Grid 7 <b>M4</b> <b>25.13 dBV/m</b>	Grid 8 <b>M4</b> <b>27.9 dBV/m</b>	Grid 9 <b>M4</b> <b>27.91 dBV/m</b>



0 dB = 24.85 V/m = 27.91 dBV/m



## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 31.80 V/m; Power Drift = -0.05 dB

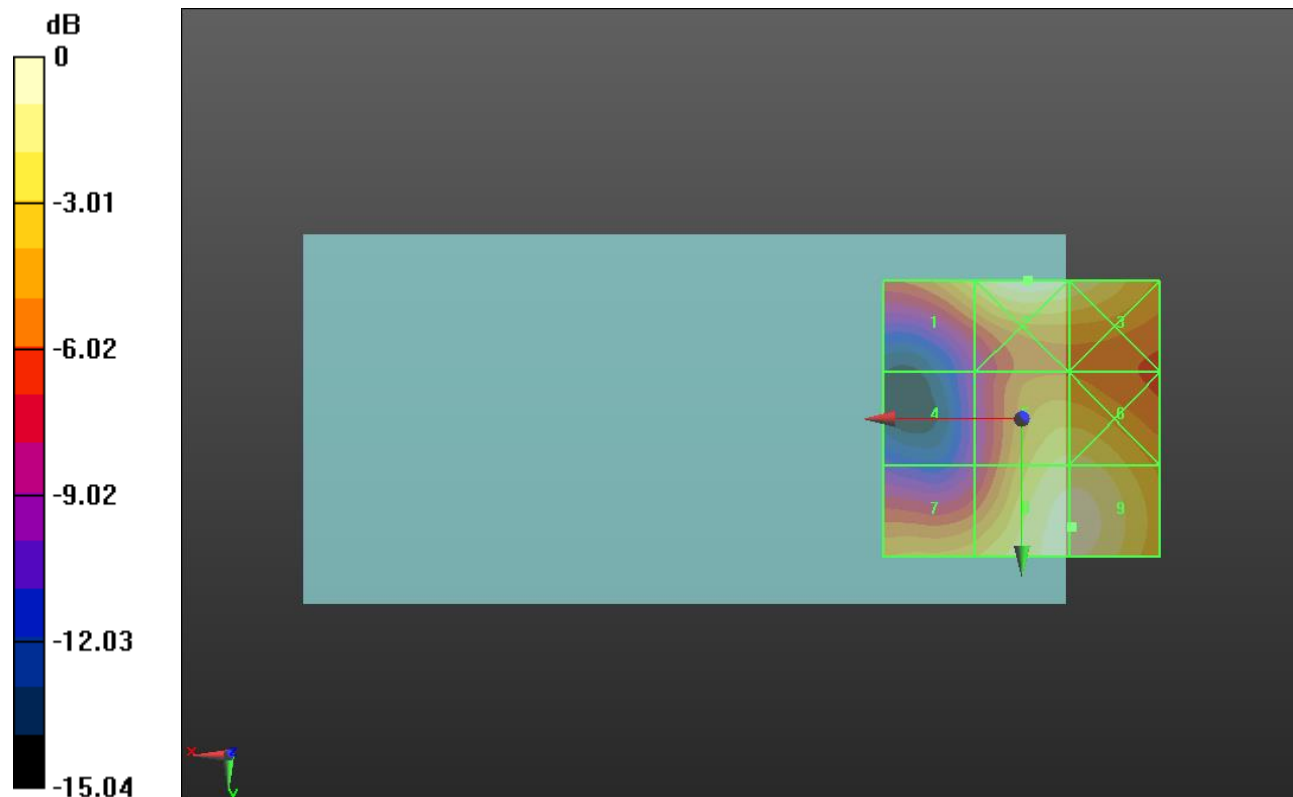
Applied MIF = -1.44 dB

RF audio interference level = 28.37 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.72 dBV/m</b>	Grid 2 <b>M4</b> <b>28.95 dBV/m</b>	Grid 3 <b>M4</b> <b>28.1 dBV/m</b>
Grid 4 <b>M4</b> <b>20.29 dBV/m</b>	Grid 5 <b>M4</b> <b>27.32 dBV/m</b>	Grid 6 <b>M4</b> <b>27.34 dBV/m</b>
Grid 7 <b>M4</b> <b>25.87 dBV/m</b>	Grid 8 <b>M4</b> <b>28.37 dBV/m</b>	Grid 9 <b>M4</b> <b>28.37 dBV/m</b>



0 dB = 28.01 V/m = 28.95 dBV/m

## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 29.96 V/m; Power Drift = -0.04 dB

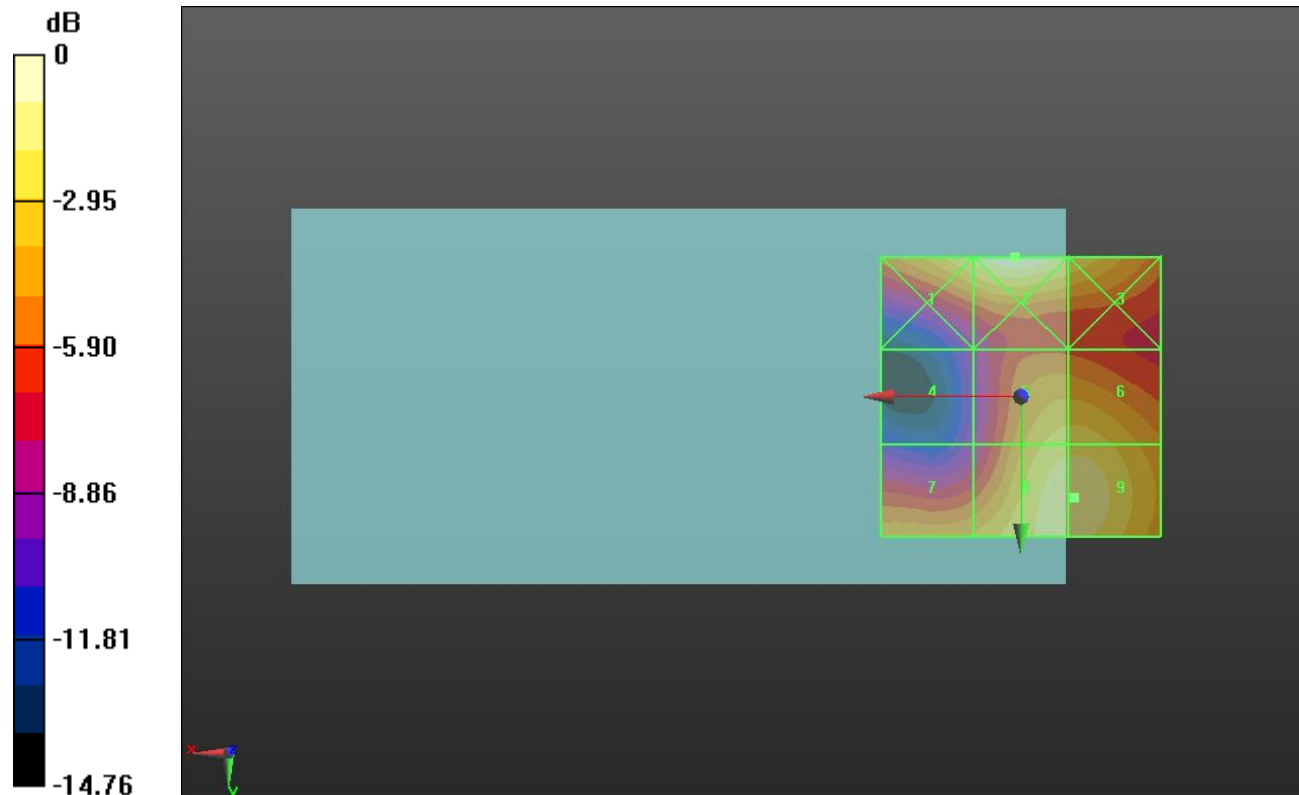
Applied MIF = -1.44 dB

RF audio interference level = 27.95 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.8 dBV/m</b>	<b>Grid 2 M4</b> <b>29.25 dBV/m</b>	<b>Grid 3 M4</b> <b>27.69 dBV/m</b>
<b>Grid 4 M4</b> <b>20.31 dBV/m</b>	<b>Grid 5 M4</b> <b>26.96 dBV/m</b>	<b>Grid 6 M4</b> <b>26.99 dBV/m</b>
<b>Grid 7 M4</b> <b>25.54 dBV/m</b>	<b>Grid 8 M4</b> <b>27.93 dBV/m</b>	<b>Grid 9 M4</b> <b>27.95 dBV/m</b>



0 dB = 29.01 V/m = 29.25 dBV/m

## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 26.78 V/m; Power Drift = 0.01 dB

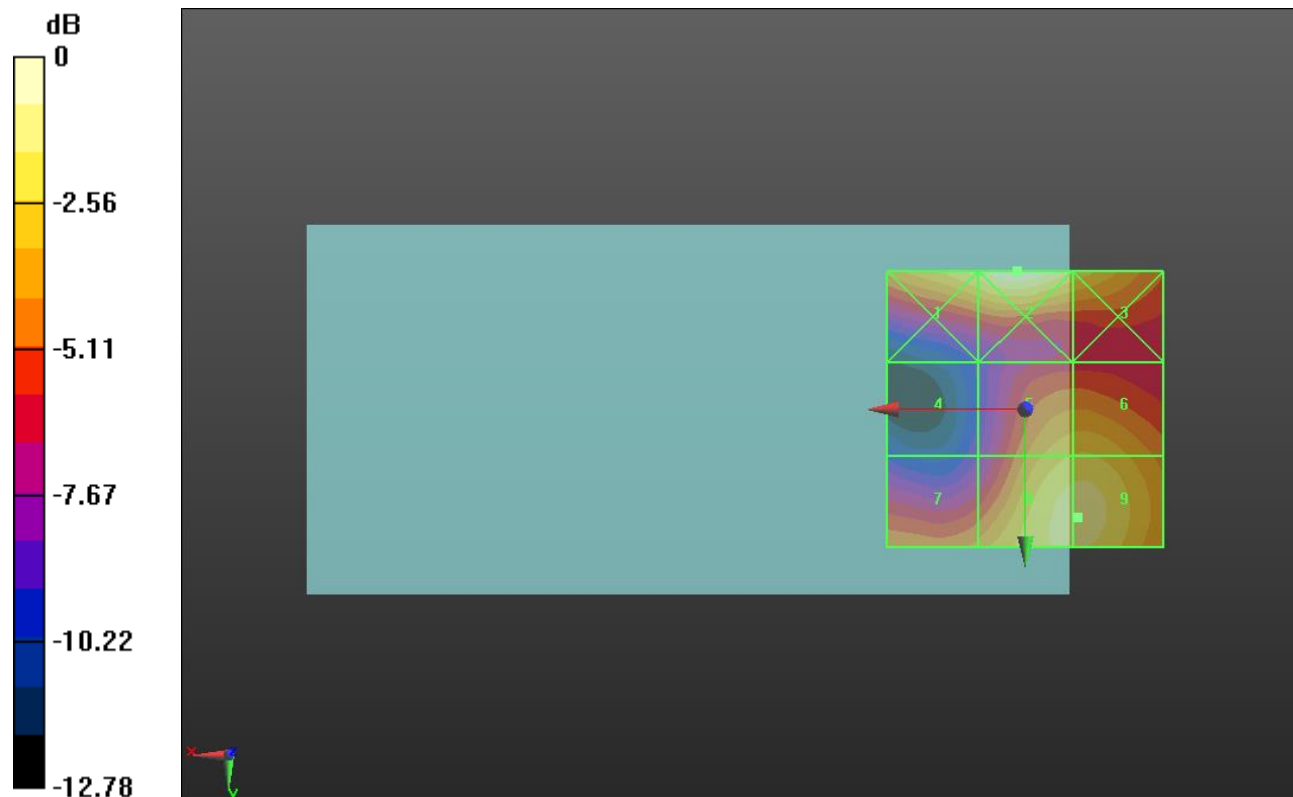
Applied MIF = -1.44 dB

RF audio interference level = 27.47 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.59 dBV/m</b>	<b>Grid 2 M4</b> <b>28.76 dBV/m</b>	<b>Grid 3 M4</b> <b>27.06 dBV/m</b>
<b>Grid 4 M4</b> <b>20.36 dBV/m</b>	<b>Grid 5 M4</b> <b>26.29 dBV/m</b>	<b>Grid 6 M4</b> <b>26.37 dBV/m</b>
<b>Grid 7 M4</b> <b>24.86 dBV/m</b>	<b>Grid 8 M4</b> <b>27.45 dBV/m</b>	<b>Grid 9 M4</b> <b>27.47 dBV/m</b>



0 dB = 27.43 V/m = 28.76 dBV/m

## HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

## LAT\_LTE Band 41\_20 MHz BW E-Field measurement/RB1/0\_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 = 25.72 V/m; Power Drift = -0.00 dB

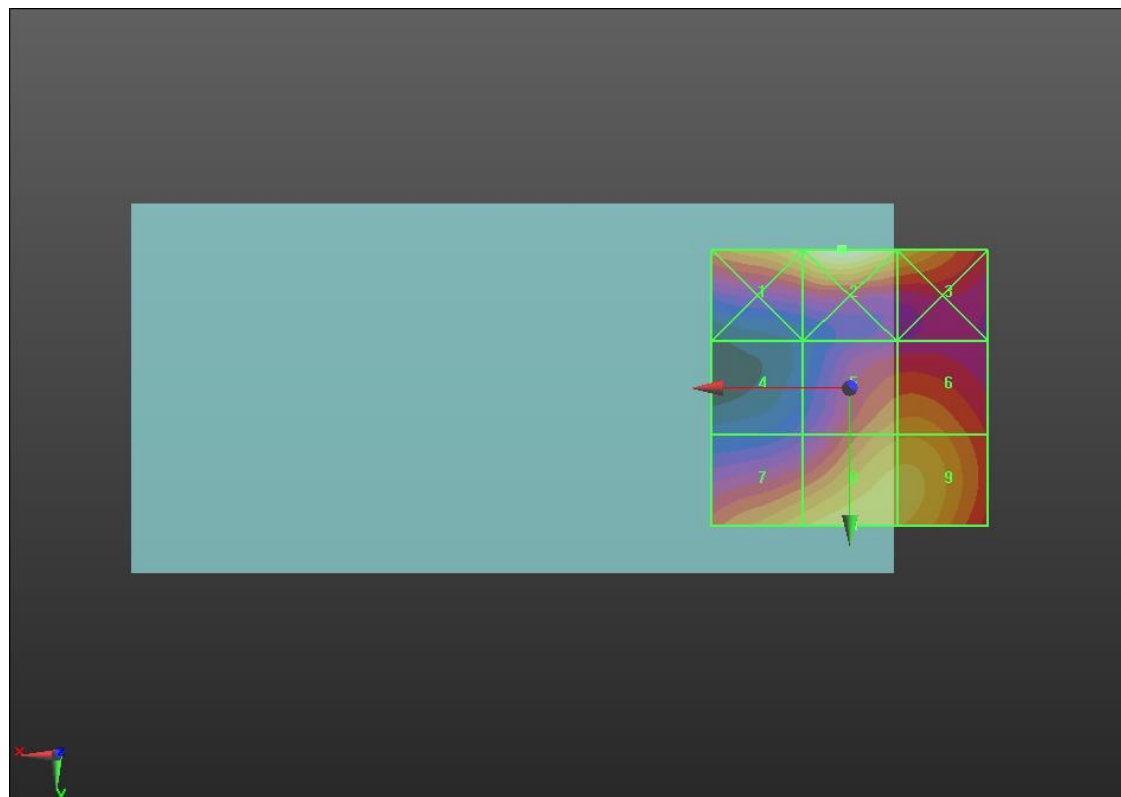
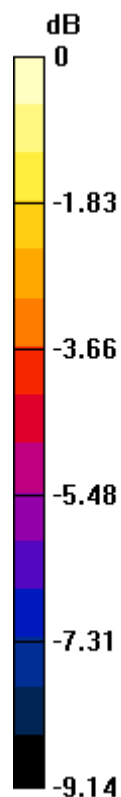
Applied MIF = -1.44 dB

RF audio interference level = 26.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.68 dBV/m</b>	Grid 2 <b>M4</b> <b>27.96 dBV/m</b>	Grid 3 <b>M4</b> <b>26.4 dBV/m</b>
Grid 4 <b>M4</b> <b>21.74 dBV/m</b>	Grid 5 <b>M4</b> <b>25.38 dBV/m</b>	Grid 6 <b>M4</b> <b>25.47 dBV/m</b>
Grid 7 <b>M4</b> <b>26.01 dBV/m</b>	Grid 8 <b>M4</b> <b>26.6 dBV/m</b>	Grid 9 <b>M4</b> <b>26.4 dBV/m</b>



0 dB = 24.99 V/m = 27.96 dBV/m