

## HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 68.17 V/m; Power Drift = -0.01 dB

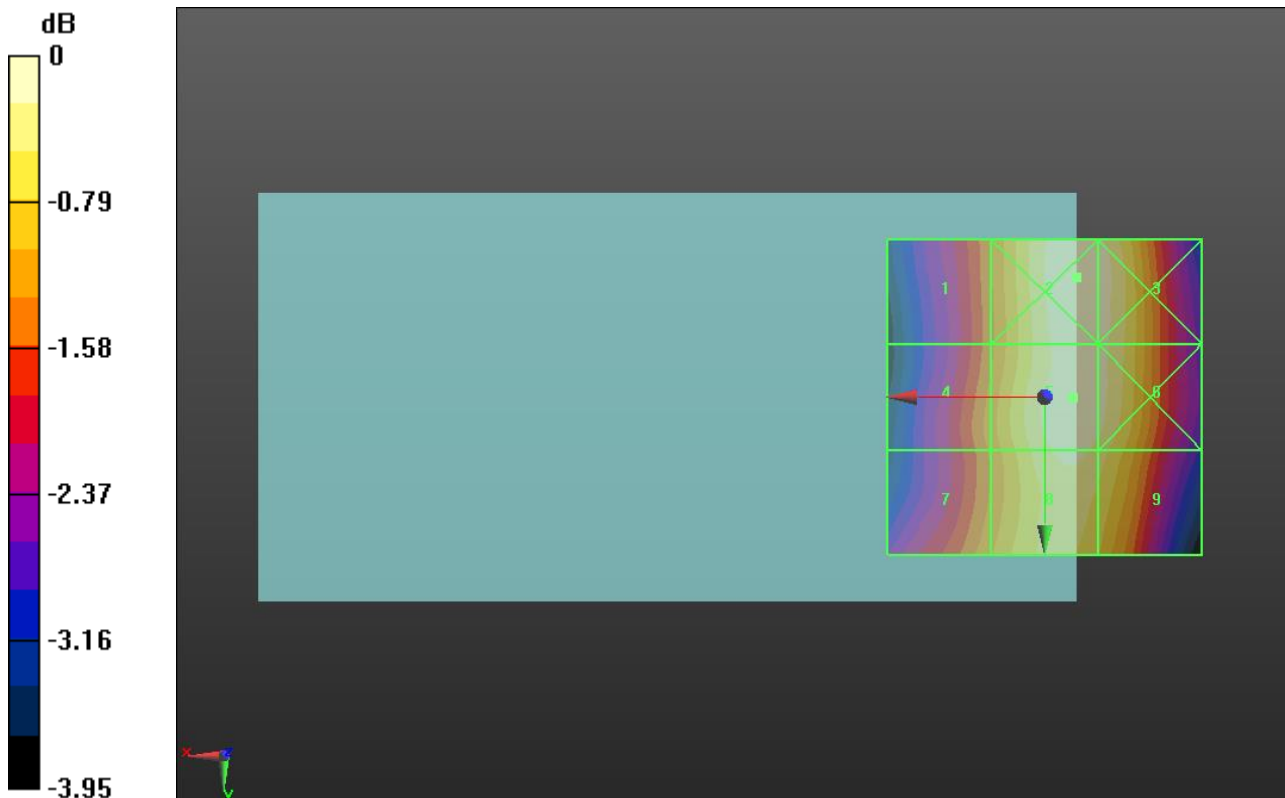
Applied MIF = 3.63 dB

RF audio interference level = 38.47 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>37.2 dBV/m</b>	Grid 2 <b>M4</b> <b>38.52 dBV/m</b>	Grid 3 <b>M4</b> <b>38.45 dBV/m</b>
Grid 4 <b>M4</b> <b>37.37 dBV/m</b>	Grid 5 <b>M4</b> <b>38.47 dBV/m</b>	Grid 6 <b>M4</b> <b>38.38 dBV/m</b>
Grid 7 <b>M4</b> <b>37.46 dBV/m</b>	Grid 8 <b>M4</b> <b>38.33 dBV/m</b>	Grid 9 <b>M4</b> <b>38.15 dBV/m</b>



0 dB = 84.31 V/m = 38.52 dBV/m

## HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 62.78 V/m; Power Drift = -0.02 dB

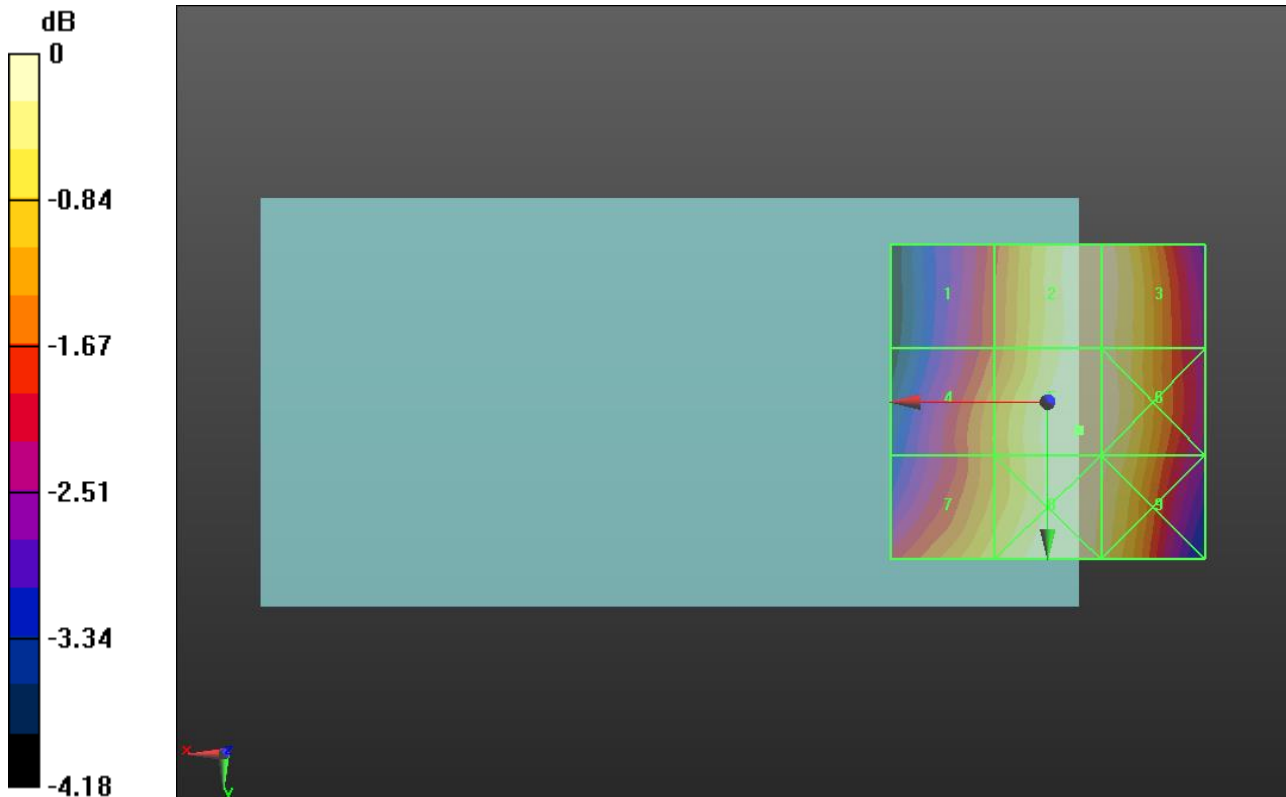
Applied MIF = 3.63 dB

RF audio interference level = 37.76 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>36.15 dBV/m</b>	Grid 2 <b>M4</b> <b>37.69 dBV/m</b>	Grid 3 <b>M4</b> <b>37.68 dBV/m</b>
Grid 4 <b>M4</b> <b>36.68 dBV/m</b>	Grid 5 <b>M4</b> <b>37.76 dBV/m</b>	Grid 6 <b>M4</b> <b>37.71 dBV/m</b>
Grid 7 <b>M4</b> <b>37.14 dBV/m</b>	Grid 8 <b>M4</b> <b>37.73 dBV/m</b>	Grid 9 <b>M4</b> <b>37.59 dBV/m</b>



0 dB = 77.29 V/m = 37.76 dBV/m

## HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## GSM850 E-Field measurement/Voice\_ch 251/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 57.57 V/m; Power Drift = 0.00 dB

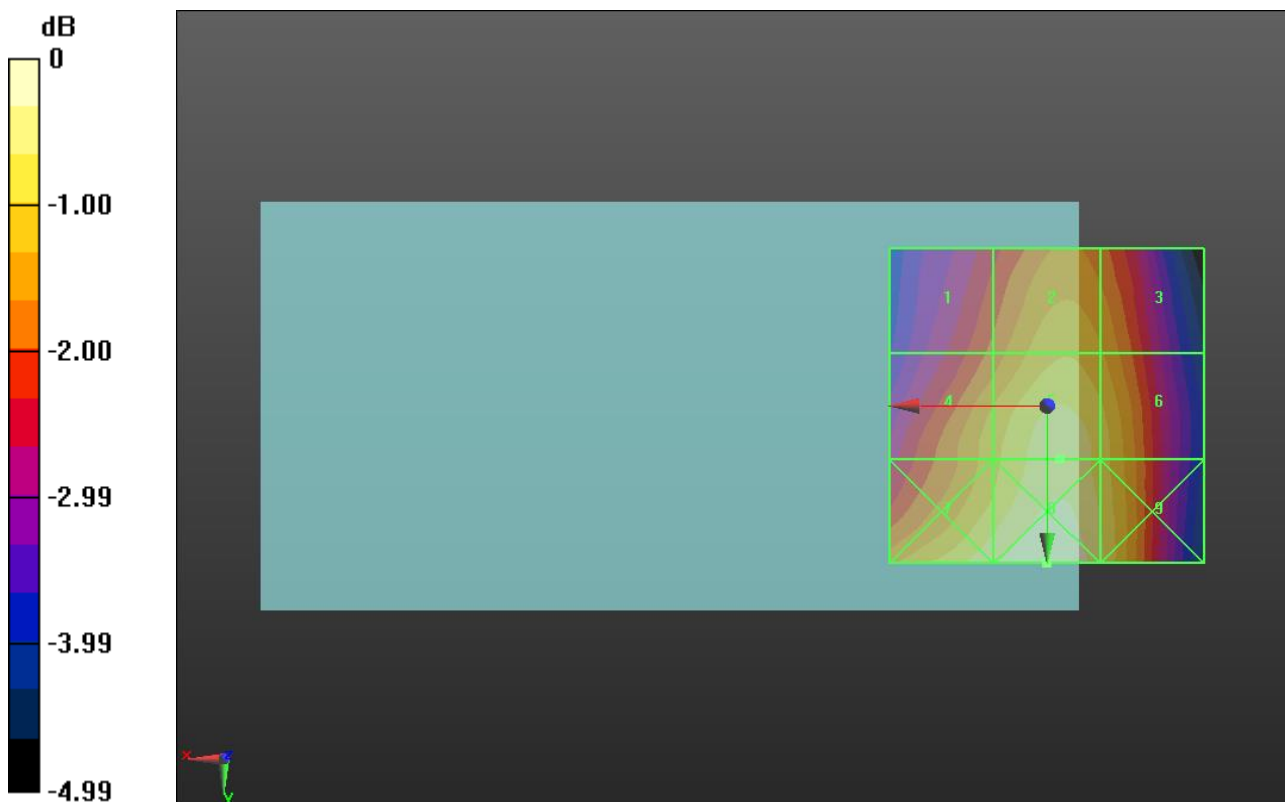
Applied MIF = 3.63 dB

RF audio interference level = 36.86 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>35.46 dBV/m</b>	Grid 2 <b>M4</b> <b>36.29 dBV/m</b>	Grid 3 <b>M4</b> <b>36.04 dBV/m</b>
Grid 4 <b>M4</b> <b>36.22 dBV/m</b>	Grid 5 <b>M4</b> <b>36.86 dBV/m</b>	Grid 6 <b>M4</b> <b>36.51 dBV/m</b>
Grid 7 <b>M4</b> <b>36.95 dBV/m</b>	Grid 8 <b>M4</b> <b>37.31 dBV/m</b>	Grid 9 <b>M4</b> <b>36.74 dBV/m</b>



0 dB = 73.39 V/m = 37.31 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 20.73 V/m; Power Drift = 0.02 dB

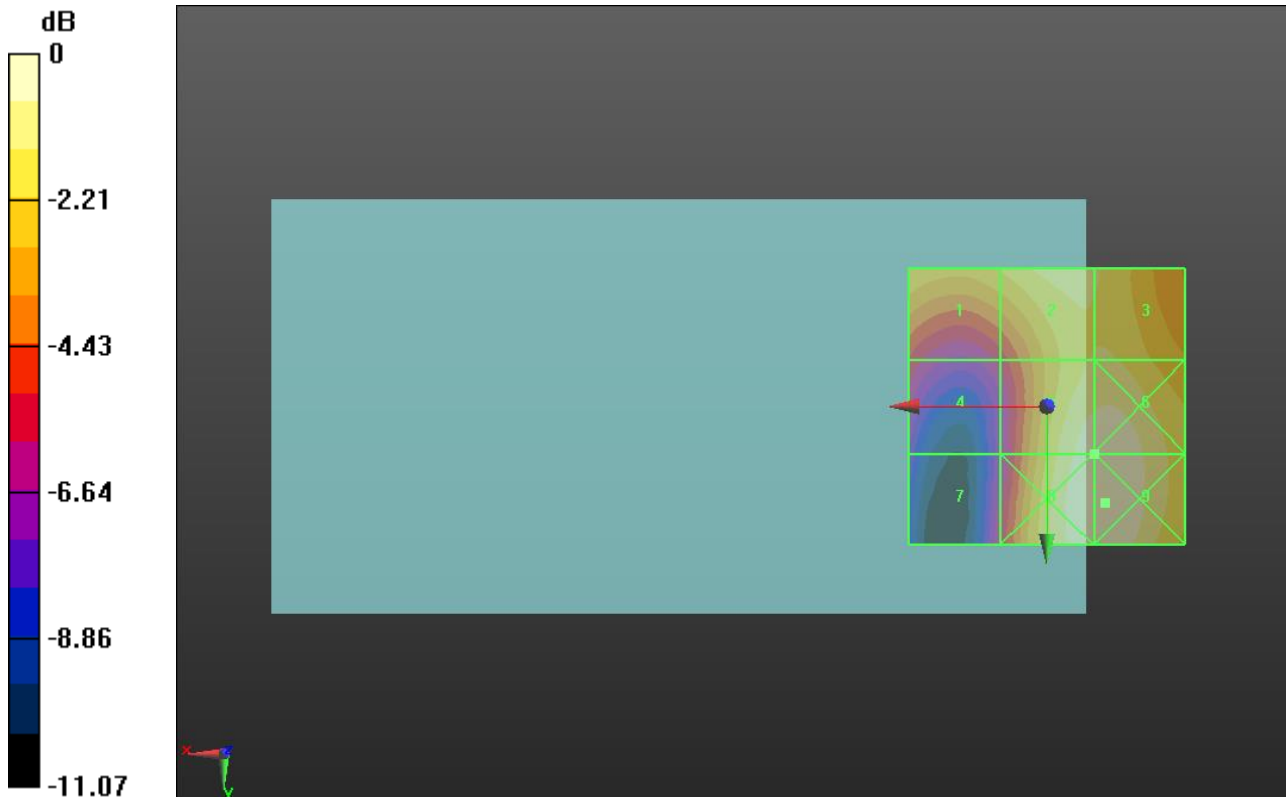
Applied MIF = 3.63 dB

RF audio interference level = 30.22 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.38 dBV/m</b>	Grid 2 <b>M4</b> <b>29.35 dBV/m</b>	Grid 3 <b>M4</b> <b>29.11 dBV/m</b>
Grid 4 <b>M4</b> <b>25.33 dBV/m</b>	Grid 5 <b>M3</b> <b>30.22 dBV/m</b>	Grid 6 <b>M3</b> <b>30.31 dBV/m</b>
Grid 7 <b>M4</b> <b>24.63 dBV/m</b>	Grid 8 <b>M3</b> <b>30.42 dBV/m</b>	Grid 9 <b>M3</b> <b>30.47 dBV/m</b>



0 dB = 33.36 V/m = 30.46 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 19.97 V/m; Power Drift = -0.02 dB

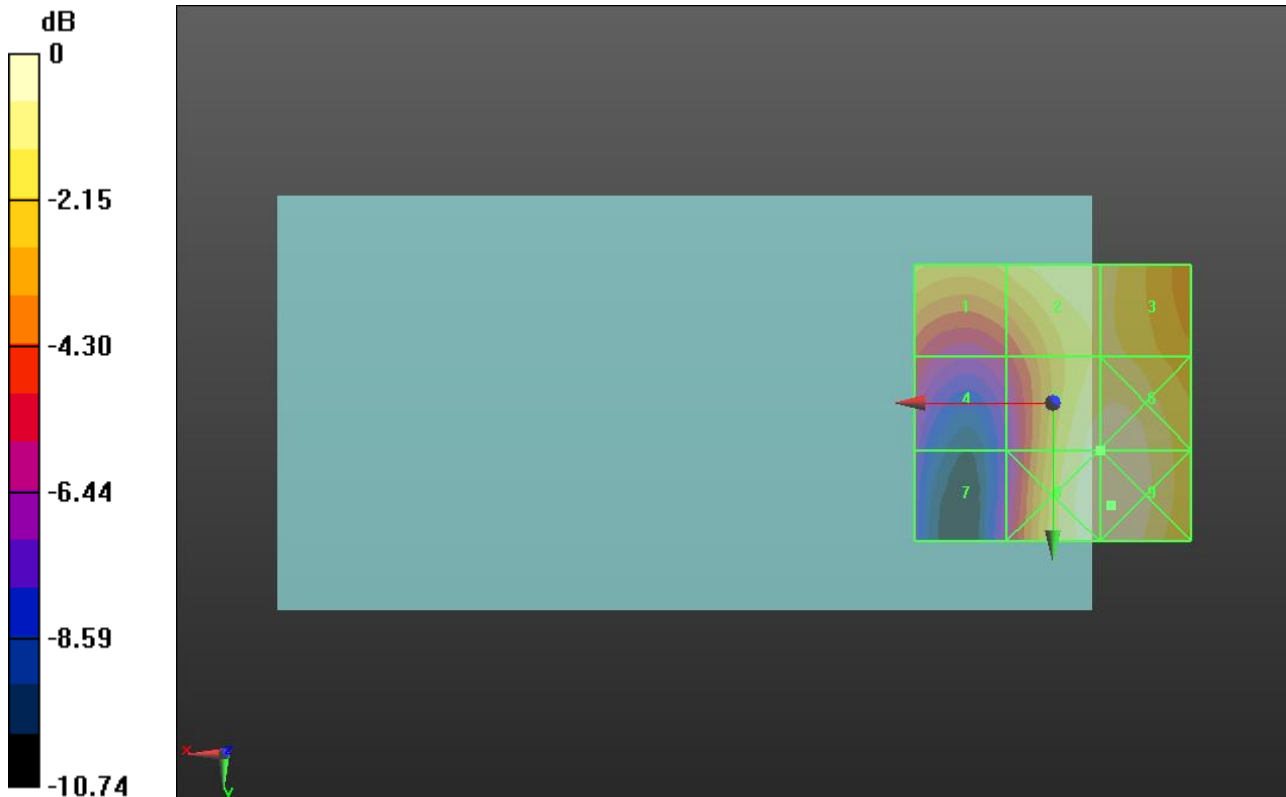
Applied MIF = 3.63 dB

RF audio interference level = 29.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.36 dBV/m</b>	Grid 2 <b>M4</b> <b>29.36 dBV/m</b>	Grid 3 <b>M4</b> <b>29.14 dBV/m</b>
Grid 4 <b>M4</b> <b>25.49 dBV/m</b>	Grid 5 <b>M4</b> <b>29.9 dBV/m</b>	Grid 6 <b>M3</b> <b>30.04 dBV/m</b>
Grid 7 <b>M4</b> <b>23.93 dBV/m</b>	Grid 8 <b>M3</b> <b>30.15 dBV/m</b>	Grid 9 <b>M3</b> <b>30.23 dBV/m</b>



0 dB = 32.48 V/m = 30.23 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 19.99 V/m; Power Drift = -0.03 dB

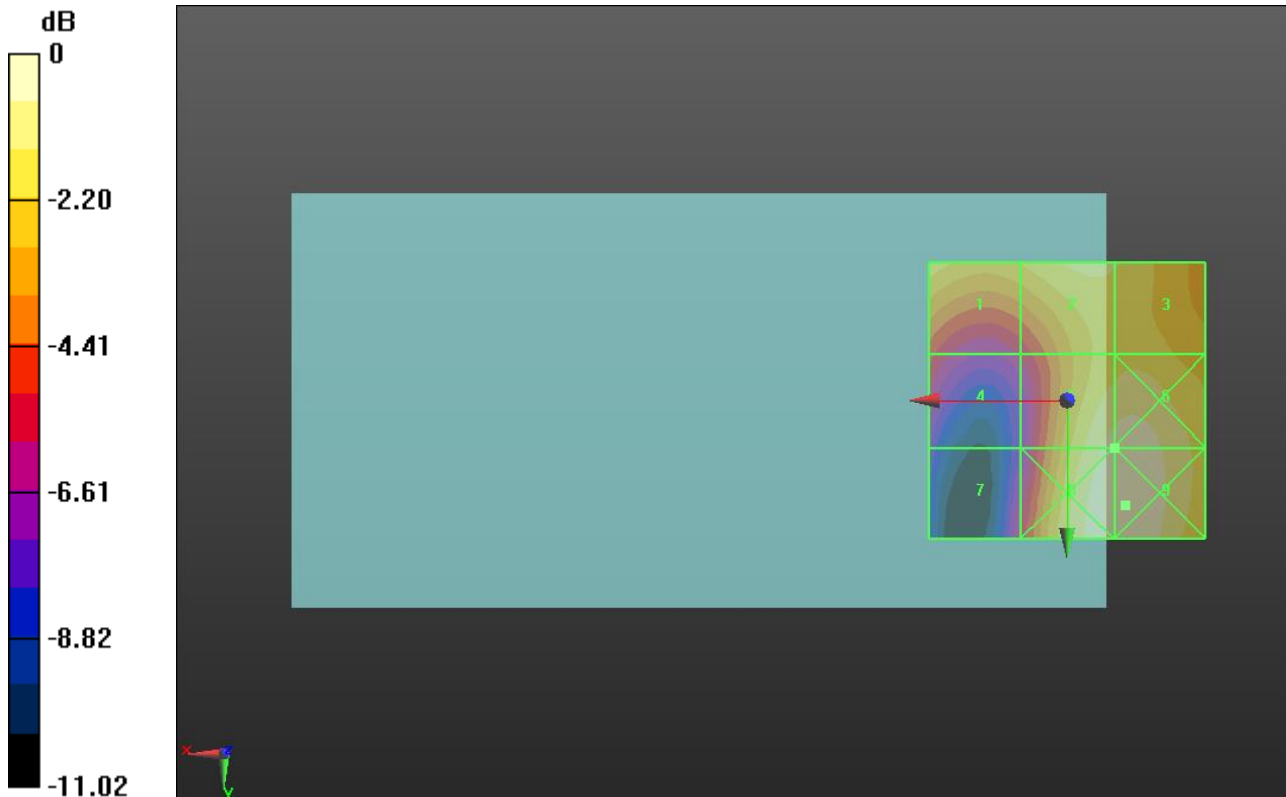
Applied MIF = 3.63 dB

RF audio interference level = 30.24 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.1 dBV/m</b>	Grid 2 <b>M4</b> <b>29.49 dBV/m</b>	Grid 3 <b>M4</b> <b>29.35 dBV/m</b>
Grid 4 <b>M4</b> <b>26.02 dBV/m</b>	Grid 5 <b>M3</b> <b>30.24 dBV/m</b>	Grid 6 <b>M3</b> <b>30.39 dBV/m</b>
Grid 7 <b>M4</b> <b>24.99 dBV/m</b>	Grid 8 <b>M3</b> <b>30.66 dBV/m</b>	Grid 9 <b>M3</b> <b>30.72 dBV/m</b>



0 dB = 34.36 V/m = 30.72 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 21.32 V/m; Power Drift = 0.45 dB

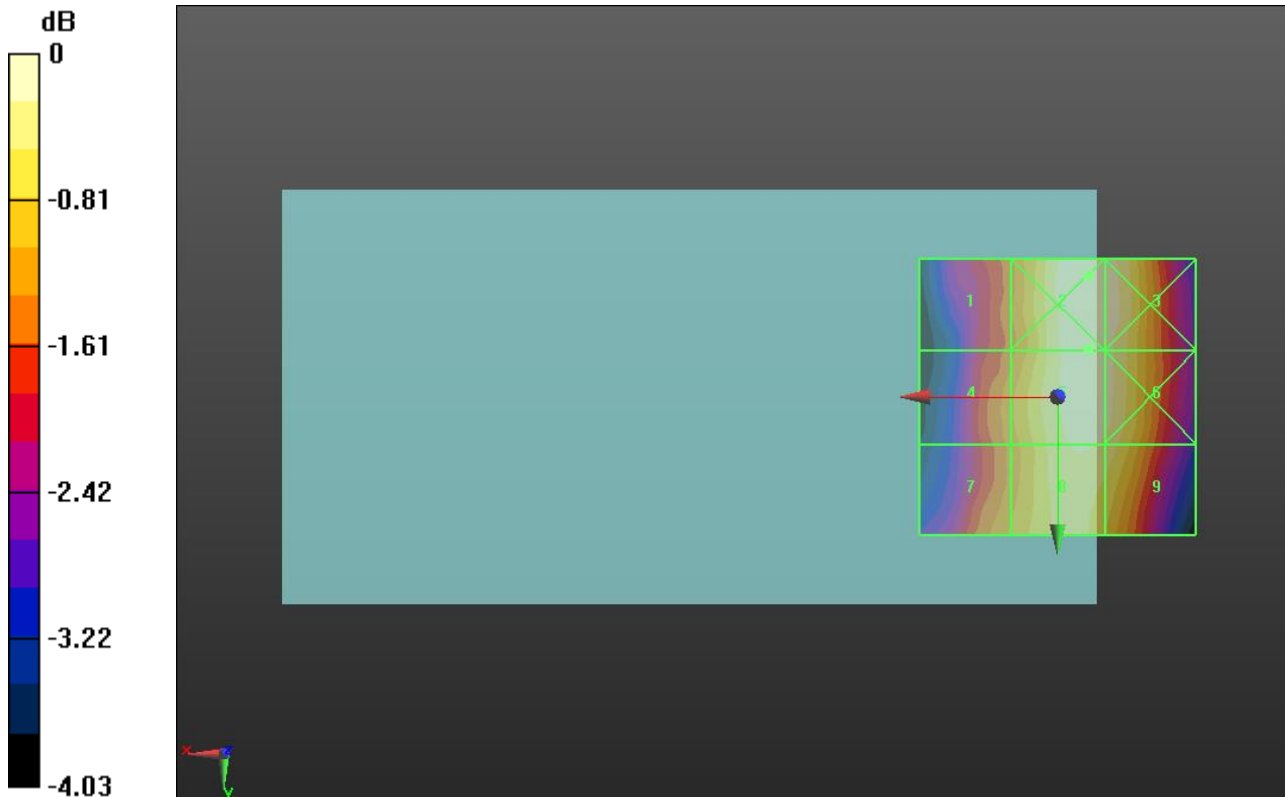
Applied MIF = 3.26 dB

RF audio interference level = 28.43 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> 27.12 dBV/m	Grid 2 <b>M4</b> 28.48 dBV/m	Grid 3 <b>M4</b> 28.45 dBV/m
Grid 4 <b>M4</b> 27.37 dBV/m	Grid 5 <b>M4</b> 28.43 dBV/m	Grid 6 <b>M4</b> 28.34 dBV/m
Grid 7 <b>M4</b> 27.45 dBV/m	Grid 8 <b>M4</b> 28.26 dBV/m	Grid 9 <b>M4</b> 28.16 dBV/m



0 dB = 26.56 V/m = 28.48 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 24.92 V/m; Power Drift = -1.08 dB

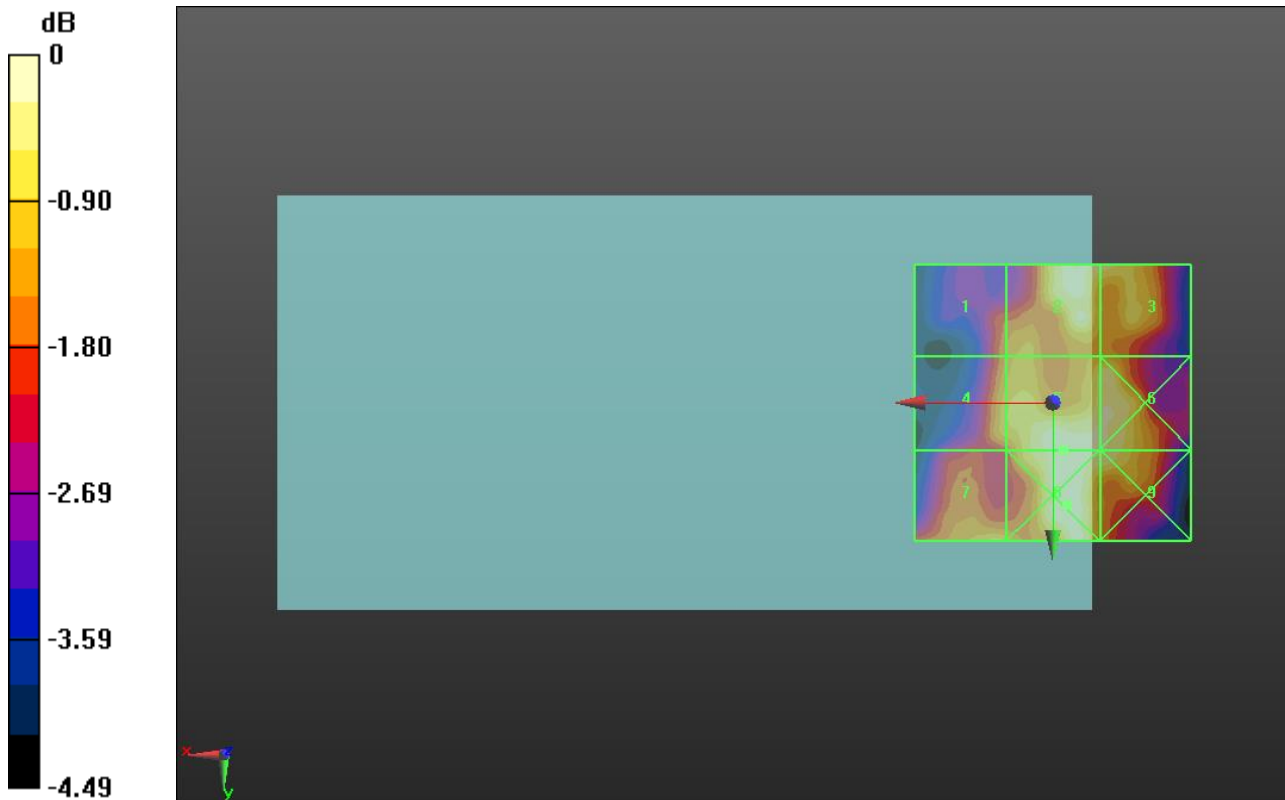
Applied MIF = 3.26 dB

RF audio interference level = 29.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.04 dBV/m</b>	Grid 2 <b>M4</b> <b>29.3 dBV/m</b>	Grid 3 <b>M4</b> <b>29.18 dBV/m</b>
Grid 4 <b>M4</b> <b>28.53 dBV/m</b>	Grid 5 <b>M4</b> <b>29.4 dBV/m</b>	Grid 6 <b>M4</b> <b>29.26 dBV/m</b>
Grid 7 <b>M4</b> <b>28.79 dBV/m</b>	Grid 8 <b>M4</b> <b>29.49 dBV/m</b>	Grid 9 <b>M4</b> <b>29.25 dBV/m</b>



0 dB = 29.81 V/m = 29.49 dBV/m



## HAC-RF Emission

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 22.05 V/m; Power Drift = -0.17 dB

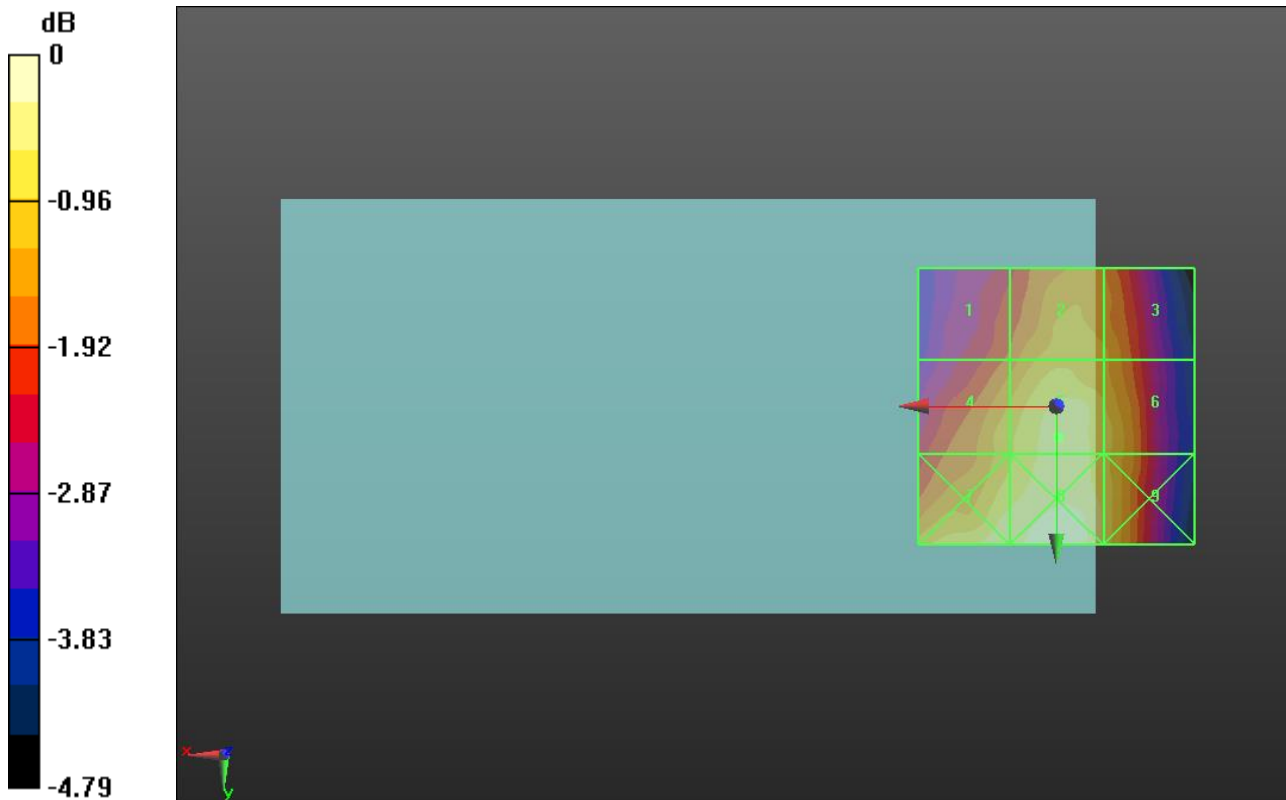
Applied MIF = 3.26 dB

RF audio interference level = 28.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>26.66 dBV/m</b>	Grid 2 <b>M4</b> <b>27.44 dBV/m</b>	Grid 3 <b>M4</b> <b>27.28 dBV/m</b>
Grid 4 <b>M4</b> <b>27.46 dBV/m</b>	Grid 5 <b>M4</b> <b>28.06 dBV/m</b>	Grid 6 <b>M4</b> <b>27.72 dBV/m</b>
Grid 7 <b>M4</b> <b>28.17 dBV/m</b>	Grid 8 <b>M4</b> <b>28.47 dBV/m</b>	Grid 9 <b>M4</b> <b>27.8 dBV/m</b>



0 dB = 26.51 V/m = 28.47 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 13.16 V/m; Power Drift = -0.10 dB

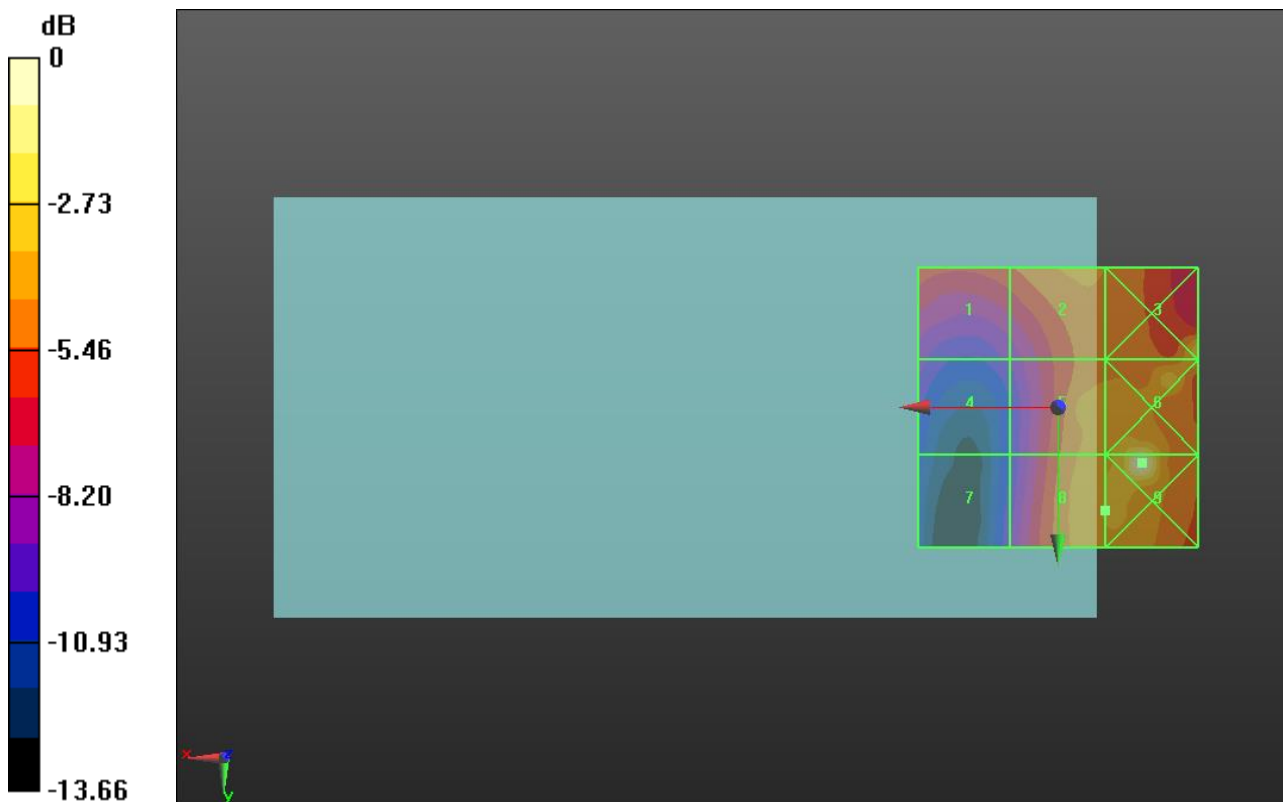
Applied MIF = 3.26 dB

RF audio interference level = 25.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> 23.97 dBV/m	Grid 2 <b>M4</b> 25.17 dBV/m	Grid 3 <b>M4</b> 26.77 dBV/m
Grid 4 <b>M4</b> 20.95 dBV/m	Grid 5 <b>M4</b> 25.78 dBV/m	Grid 6 <b>M4</b> 28.58 dBV/m
Grid 7 <b>M4</b> 20.45 dBV/m	Grid 8 <b>M4</b> 25.94 dBV/m	Grid 9 <b>M4</b> 29.53 dBV/m



0 dB = 29.96 V/m = 29.53 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 26.21 V/m; Power Drift = -5.95 dB

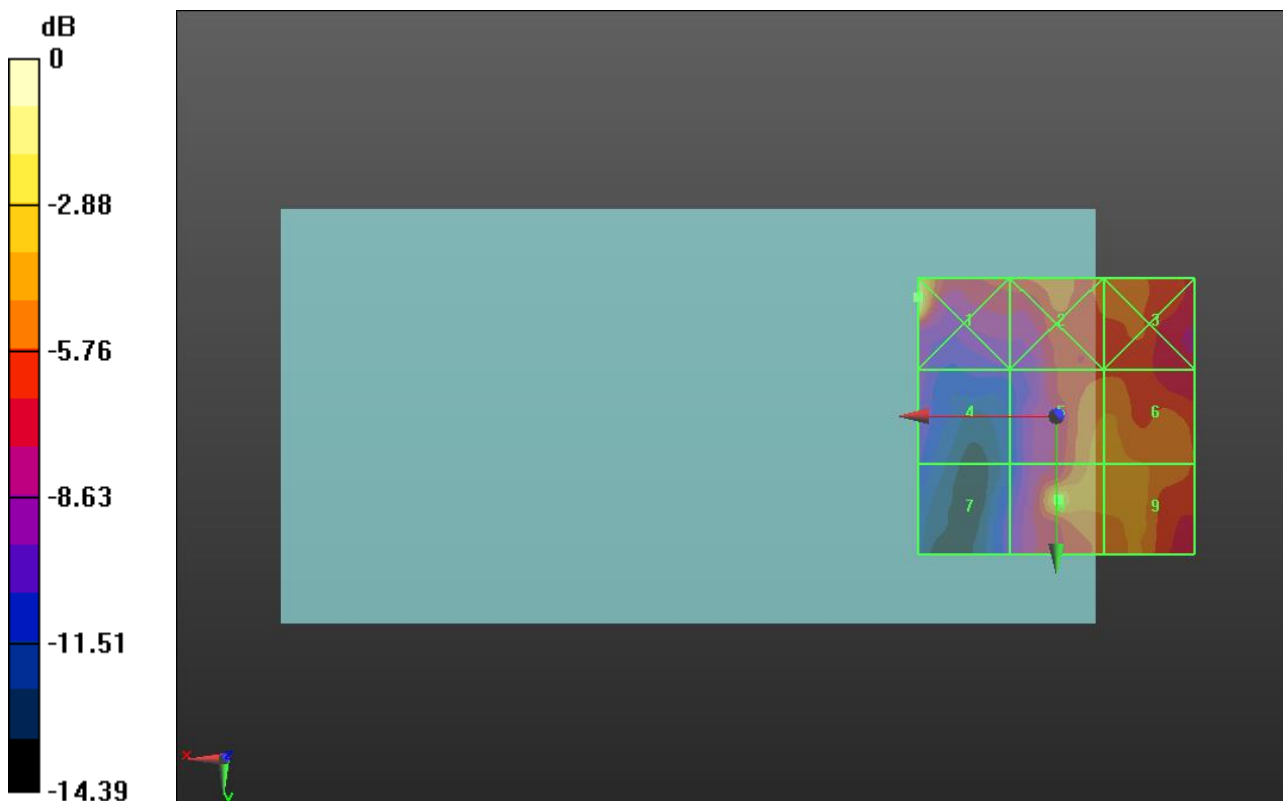
Applied MIF = 3.26 dB

RF audio interference level = 27.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M3</b> <b>30.43 dBV/m</b>	Grid 2 <b>M4</b> <b>25.41 dBV/m</b>	Grid 3 <b>M4</b> <b>25.37 dBV/m</b>
Grid 4 <b>M4</b> <b>21.93 dBV/m</b>	Grid 5 <b>M4</b> <b>26.07 dBV/m</b>	Grid 6 <b>M4</b> <b>26.13 dBV/m</b>
Grid 7 <b>M4</b> <b>20.61 dBV/m</b>	Grid 8 <b>M4</b> <b>27.52 dBV/m</b>	Grid 9 <b>M4</b> <b>26.33 dBV/m</b>



0 dB = 33.23 V/m = 30.43 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 13.16 V/m; Power Drift = -0.04 dB

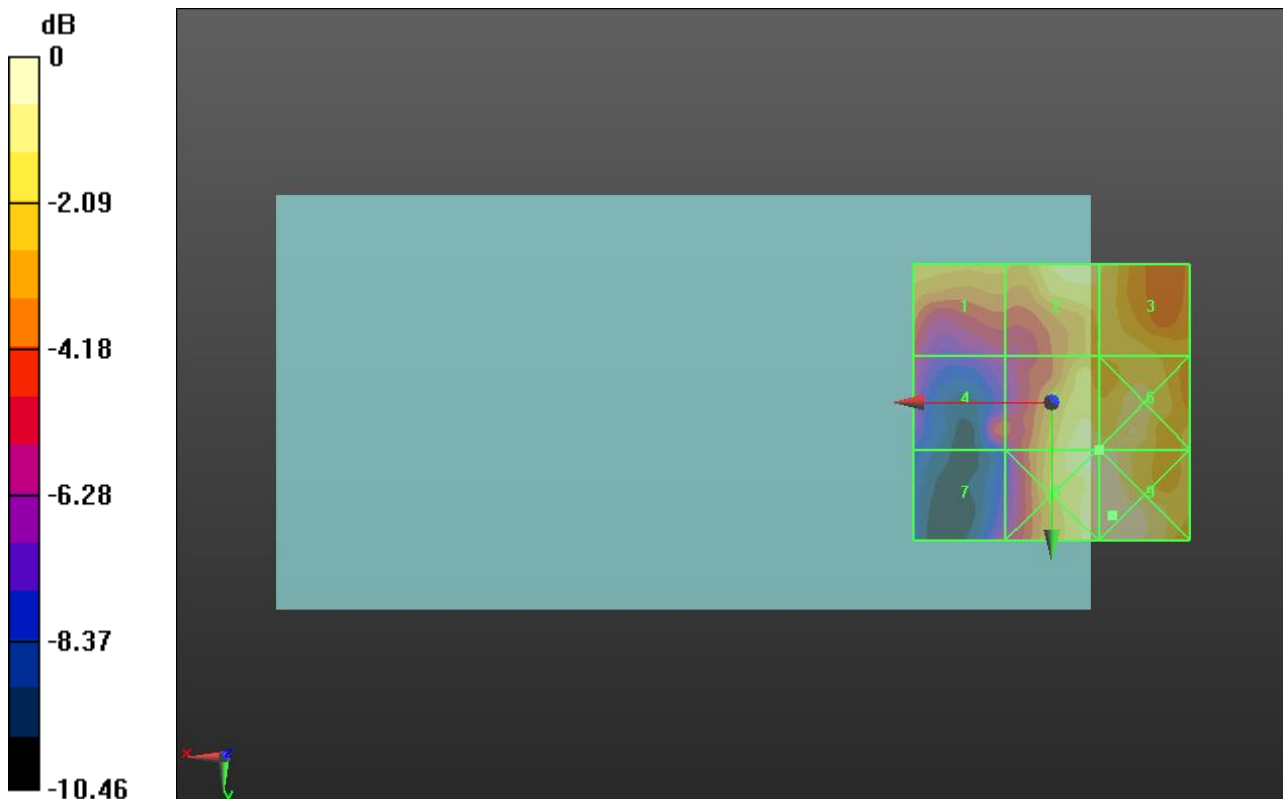
Applied MIF = 3.26 dB

RF audio interference level = 25.98 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.59 dBV/m</b>	Grid 2 <b>M4</b> <b>25.47 dBV/m</b>	Grid 3 <b>M4</b> <b>25.42 dBV/m</b>
Grid 4 <b>M4</b> <b>22.42 dBV/m</b>	Grid 5 <b>M4</b> <b>25.98 dBV/m</b>	Grid 6 <b>M4</b> <b>26.04 dBV/m</b>
Grid 7 <b>M4</b> <b>20.92 dBV/m</b>	Grid 8 <b>M4</b> <b>26.31 dBV/m</b>	Grid 9 <b>M4</b> <b>26.61 dBV/m</b>



0 dB = 21.41 V/m = 26.61 dBV/m

## HAC-RF Emission (With Smart Cover)

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 63.53 V/m; Power Drift = -0.01 dB

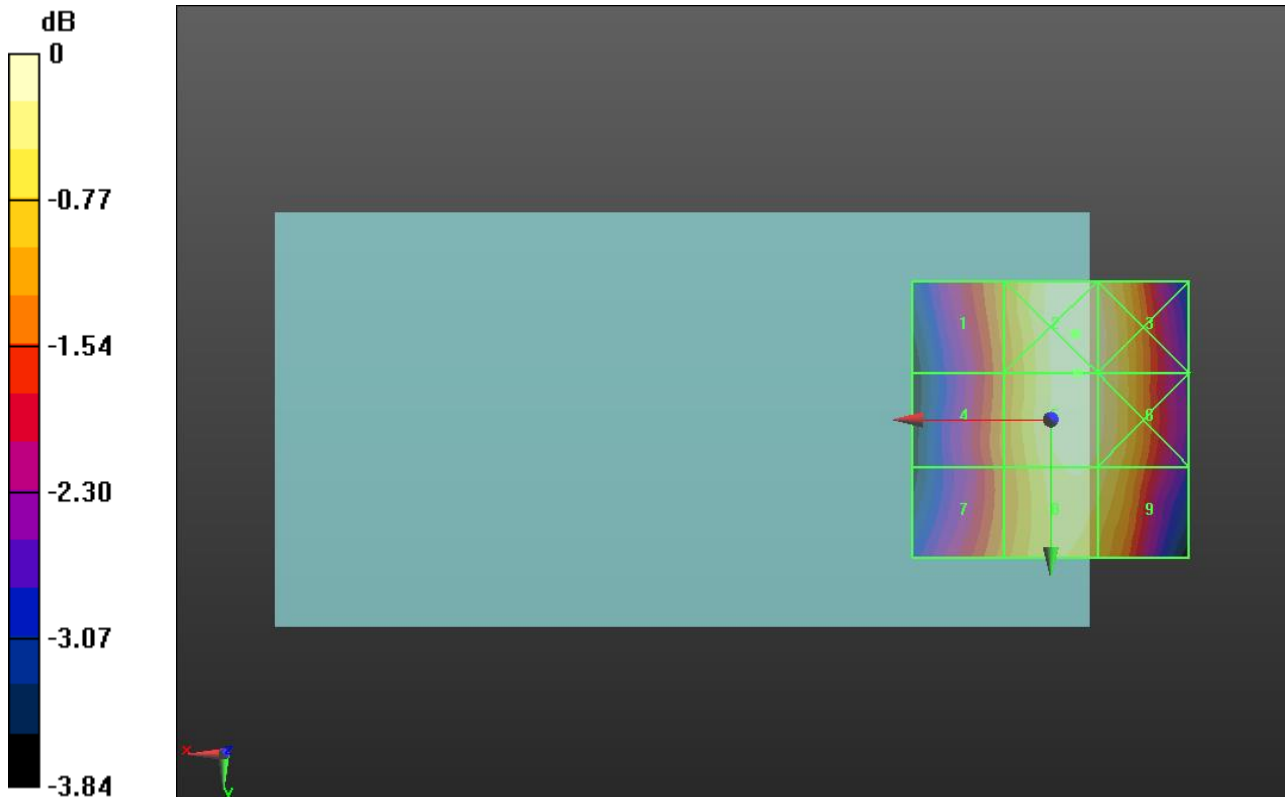
Applied MIF = 3.63 dB

RF audio interference level = 37.92 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>36.91 dBV/m</b>	Grid 2 <b>M4</b> <b>37.99 dBV/m</b>	Grid 3 <b>M4</b> <b>37.87 dBV/m</b>
Grid 4 <b>M4</b> <b>36.81 dBV/m</b>	Grid 5 <b>M4</b> <b>37.92 dBV/m</b>	Grid 6 <b>M4</b> <b>37.83 dBV/m</b>
Grid 7 <b>M4</b> <b>36.86 dBV/m</b>	Grid 8 <b>M4</b> <b>37.77 dBV/m</b>	Grid 9 <b>M4</b> <b>37.65 dBV/m</b>



0 dB = 79.30 V/m = 37.99 dBV/m

## HAC-RF Emission (With Smart Cover)

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 61.65 V/m; Power Drift = 0.00 dB

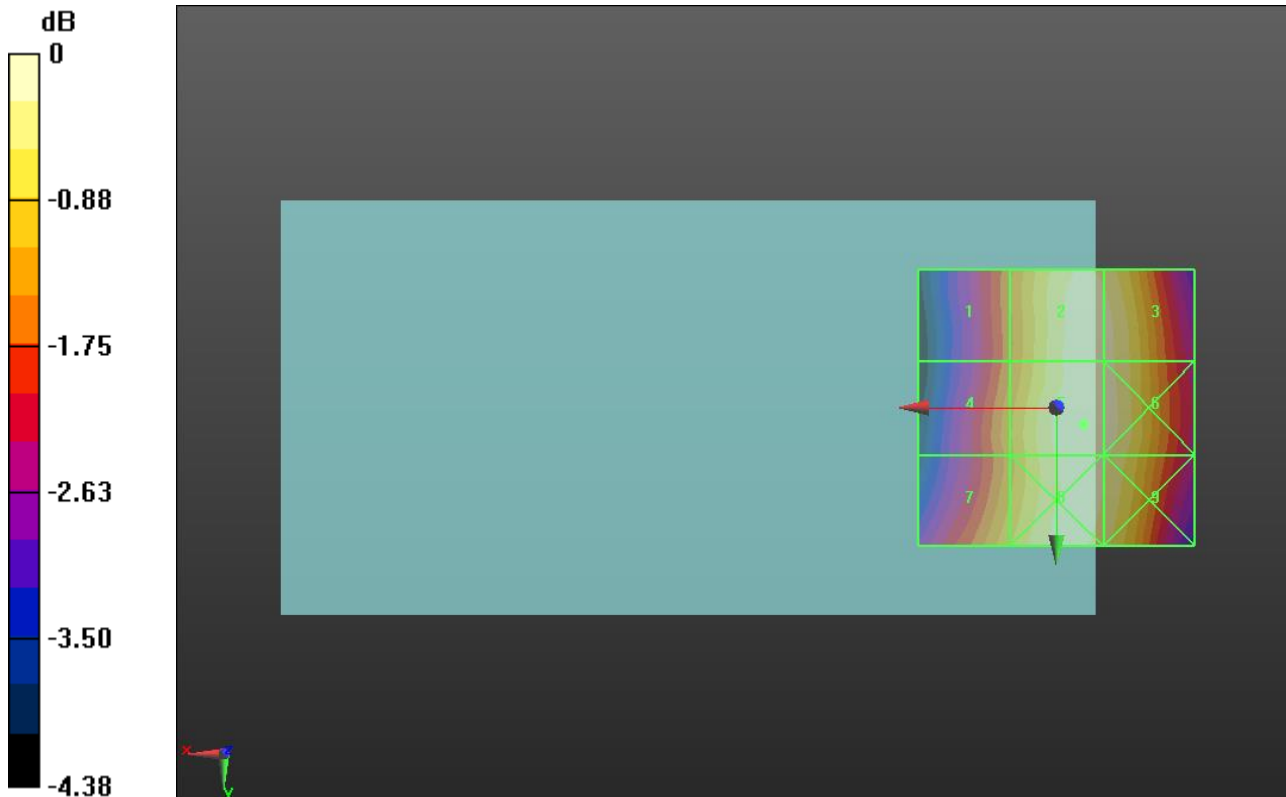
Applied MIF = 3.63 dB

RF audio interference level = 37.78 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>36.28 dBV/m</b>	Grid 2 <b>M4</b> <b>37.67 dBV/m</b>	Grid 3 <b>M4</b> <b>37.62 dBV/m</b>
Grid 4 <b>M4</b> <b>36.56 dBV/m</b>	Grid 5 <b>M4</b> <b>37.78 dBV/m</b>	Grid 6 <b>M4</b> <b>37.69 dBV/m</b>
Grid 7 <b>M4</b> <b>36.89 dBV/m</b>	Grid 8 <b>M4</b> <b>37.7 dBV/m</b>	Grid 9 <b>M4</b> <b>37.57 dBV/m</b>



0 dB = 77.40 V/m = 37.77 dBV/m

## HAC-RF Emission (With Smart Cover)

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 55.55 V/m; Power Drift = -0.02 dB

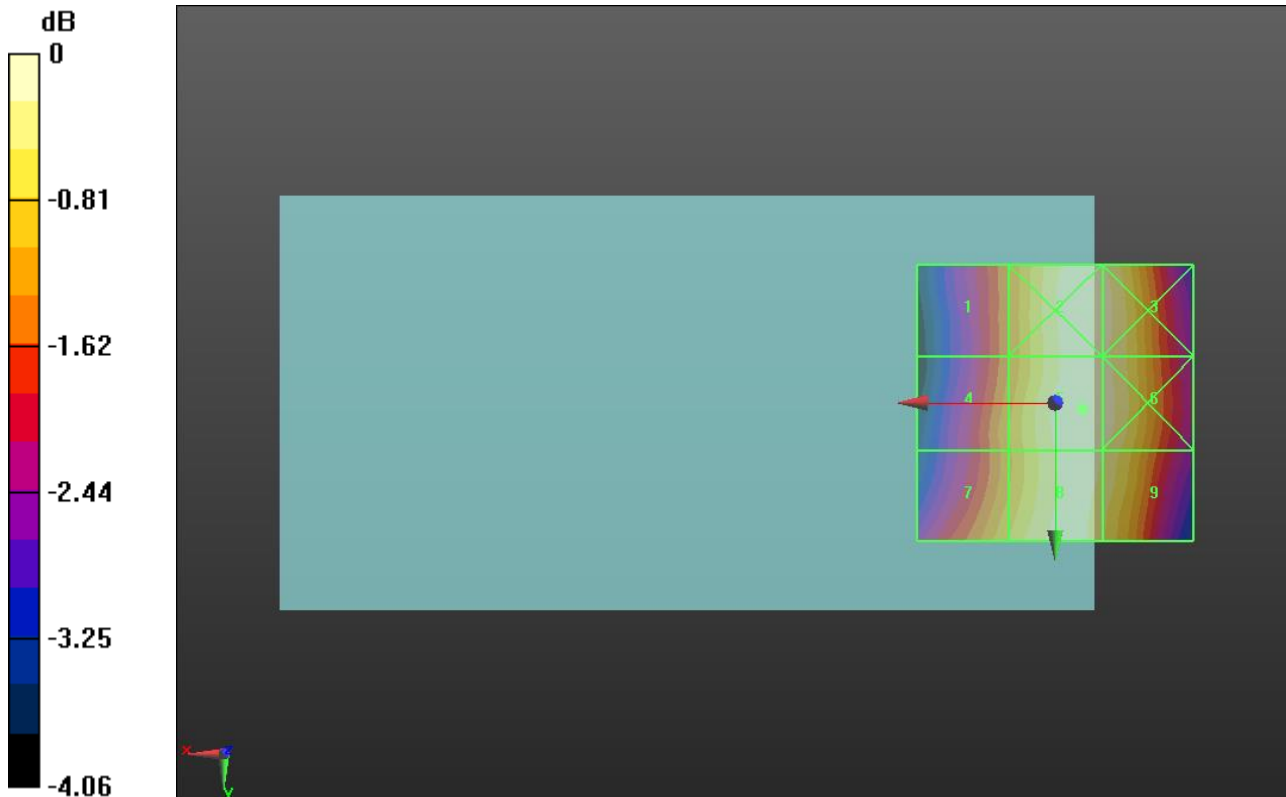
Applied MIF = 3.63 dB

RF audio interference level = 36.85 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>35.5 dBV/m</b>	Grid 2 <b>M4</b> <b>36.79 dBV/m</b>	Grid 3 <b>M4</b> <b>36.72 dBV/m</b>
Grid 4 <b>M4</b> <b>35.75 dBV/m</b>	Grid 5 <b>M4</b> <b>36.85 dBV/m</b>	Grid 6 <b>M4</b> <b>36.75 dBV/m</b>
Grid 7 <b>M4</b> <b>36.06 dBV/m</b>	Grid 8 <b>M4</b> <b>36.75 dBV/m</b>	Grid 9 <b>M4</b> <b>36.61 dBV/m</b>



0 dB = 69.55 V/m = 36.85 dBV/m

## HAC-RF Emission (With Smart Cover)

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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 20.60 V/m; Power Drift = 0.00 dB

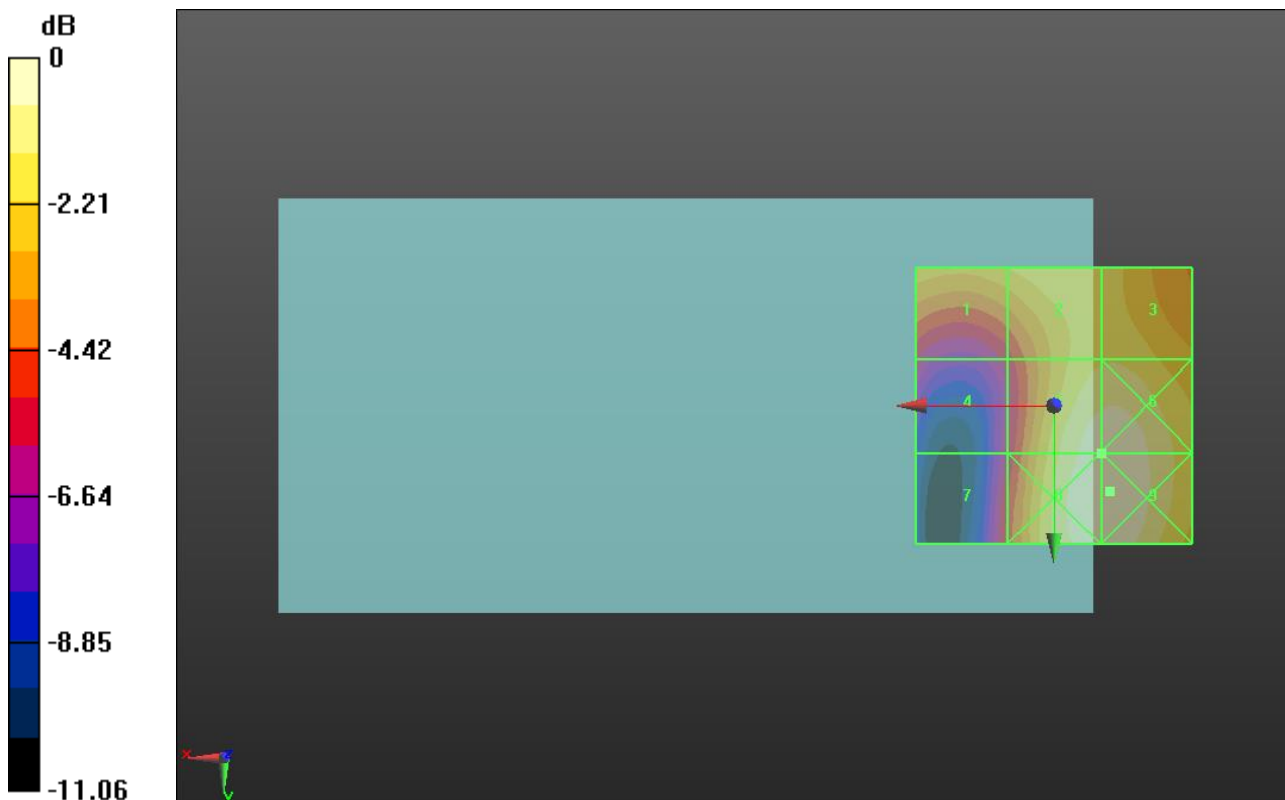
Applied MIF = 3.63 dB

RF audio interference level = 29.89 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>27.9 dBV/m</b>	Grid 2 <b>M4</b> <b>28.6 dBV/m</b>	Grid 3 <b>M4</b> <b>28.58 dBV/m</b>
Grid 4 <b>M4</b> <b>24.6 dBV/m</b>	Grid 5 <b>M4</b> <b>29.89 dBV/m</b>	Grid 6 <b>M4</b> <b>29.95 dBV/m</b>
Grid 7 <b>M4</b> <b>25.22 dBV/m</b>	Grid 8 <b>M3</b> <b>30.09 dBV/m</b>	Grid 9 <b>M3</b> <b>30.11 dBV/m</b>



0 dB = 32.04 V/m = 30.11 dBV/m



## HAC-RF Emission (With Smart Cover)

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 19.34 V/m; Power Drift = -0.04 dB

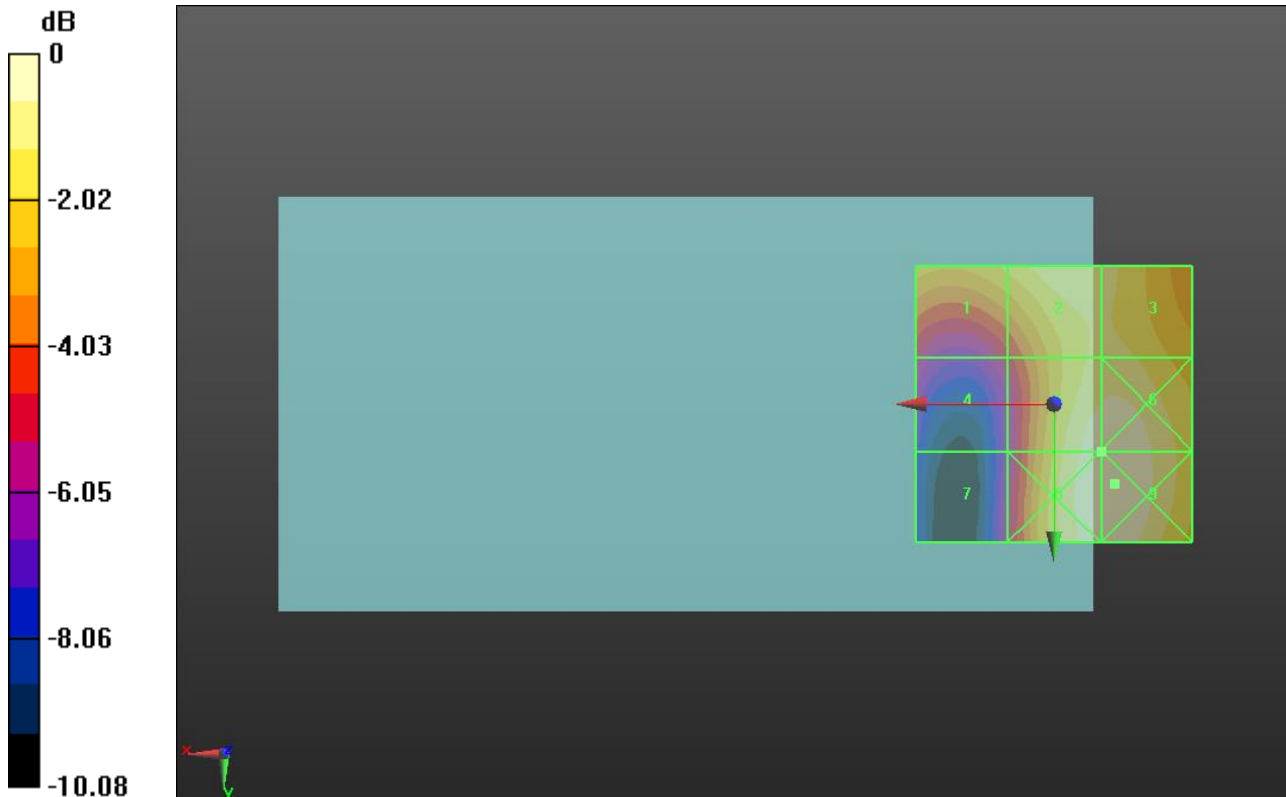
Applied MIF = 3.63 dB

RF audio interference level = 29.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> 27.75 dBV/m	Grid 2 <b>M4</b> 28.72 dBV/m	Grid 3 <b>M4</b> 28.53 dBV/m
Grid 4 <b>M4</b> 24.58 dBV/m	Grid 5 <b>M4</b> 29.36 dBV/m	Grid 6 <b>M4</b> 29.46 dBV/m
Grid 7 <b>M4</b> 23.85 dBV/m	Grid 8 <b>M4</b> 29.49 dBV/m	Grid 9 <b>M4</b> 29.55 dBV/m



0 dB = 30.03 V/m = 29.55 dBV/m

## HAC-RF Emission (With Smart Cover)

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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 18.52 V/m; Power Drift = -0.05 dB

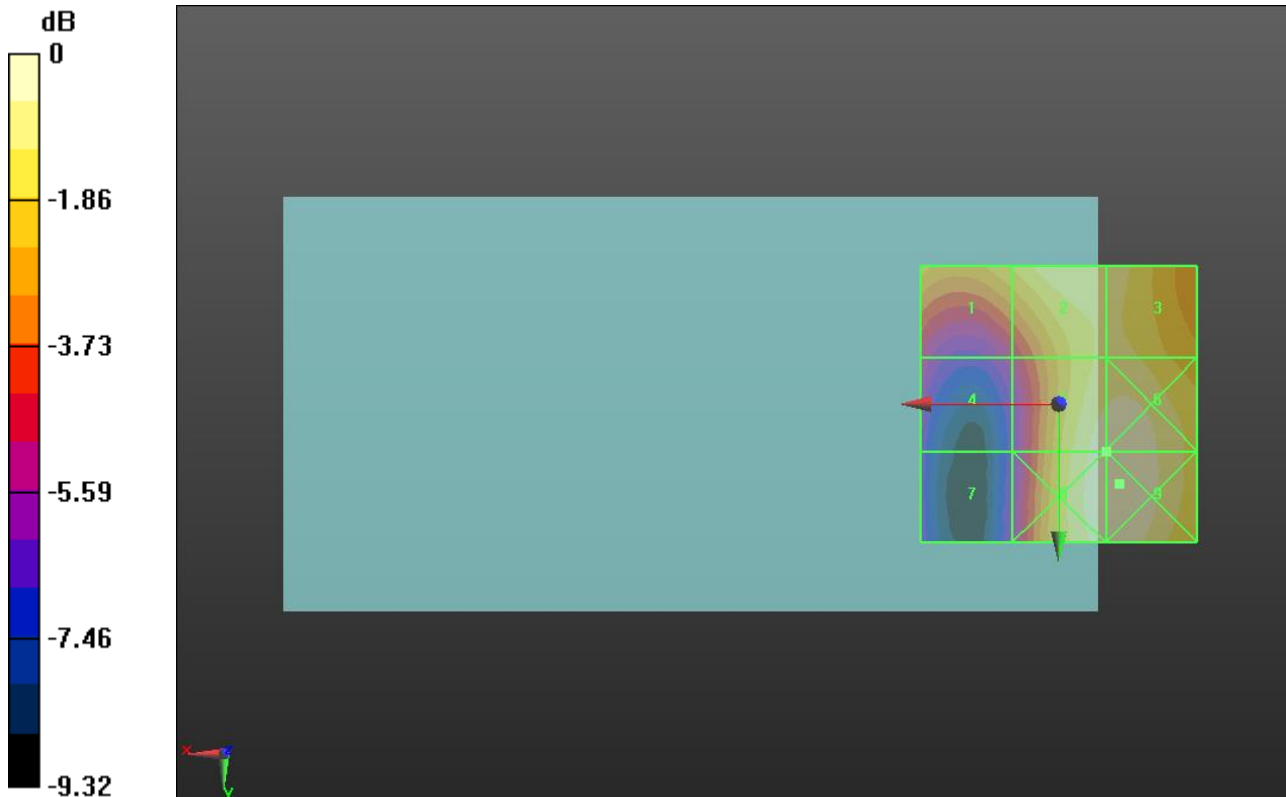
Applied MIF = 3.63 dB

RF audio interference level = 29.18 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>28.78 dBV/m</b>	Grid 3 <b>M4</b> <b>28.63 dBV/m</b>
Grid 4 <b>M4</b> <b>24.52 dBV/m</b>	Grid 5 <b>M4</b> <b>29.18 dBV/m</b>	Grid 6 <b>M4</b> <b>29.31 dBV/m</b>
Grid 7 <b>M4</b> <b>23.57 dBV/m</b>	Grid 8 <b>M4</b> <b>29.31 dBV/m</b>	Grid 9 <b>M4</b> <b>29.41 dBV/m</b>



0 dB = 29.56 V/m = 29.41 dBV/m

## HAC-RF Emission (With Smart Cover)

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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 22.78 V/m; Power Drift = -0.11 dB

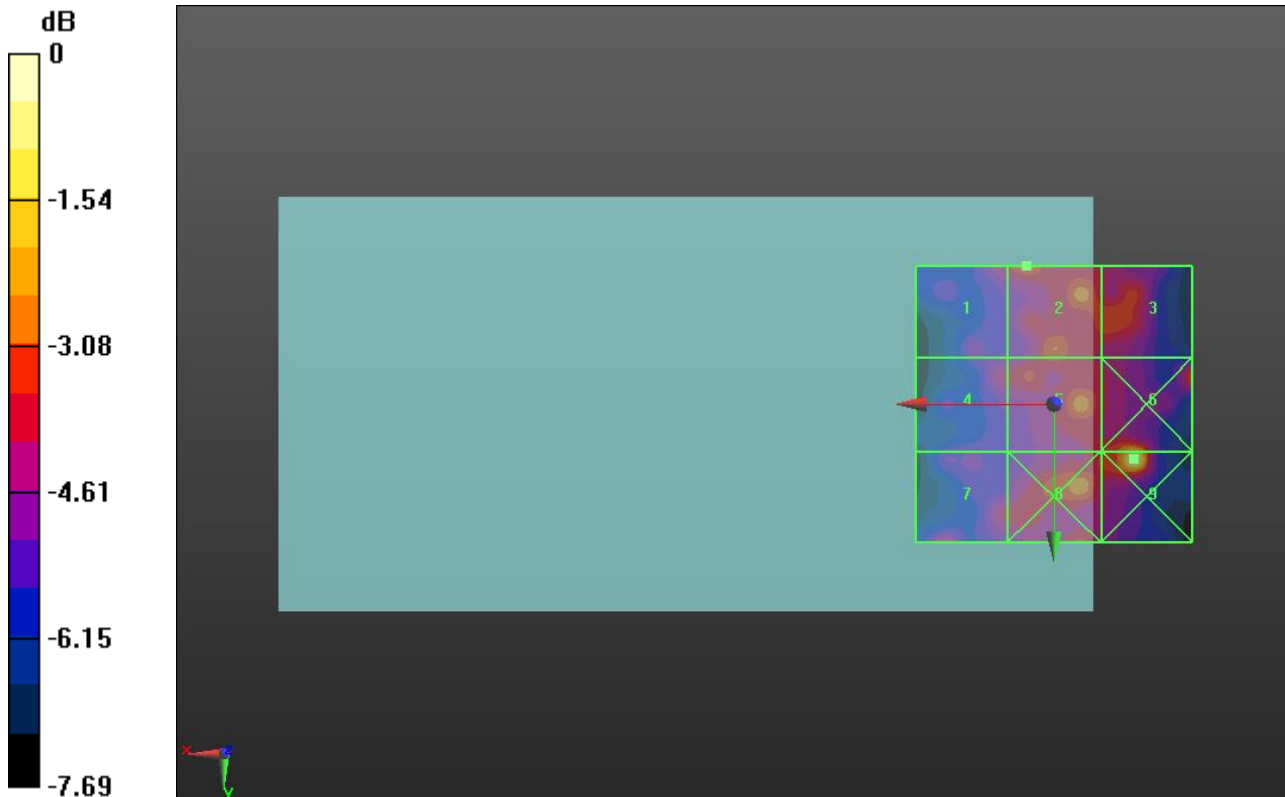
Applied MIF = 3.26 dB

RF audio interference level = 29.88 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.88 dBV/m</b>	Grid 2 <b>M4</b> <b>29.88 dBV/m</b>	Grid 3 <b>M4</b> <b>29.4 dBV/m</b>
Grid 4 <b>M4</b> <b>28.47 dBV/m</b>	Grid 5 <b>M4</b> <b>29.68 dBV/m</b>	Grid 6 <b>M4</b> <b>31.13 dBV/m</b>
Grid 7 <b>M4</b> <b>28.74 dBV/m</b>	Grid 8 <b>M4</b> <b>29.77 dBV/m</b>	Grid 9 <b>M4</b> <b>32.49 dBV/m</b>



0 dB = 42.11 V/m = 32.49 dBV/m

## HAC-RF Emission (With Smart Cover)

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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 22.63 V/m; Power Drift = 1.11 dB

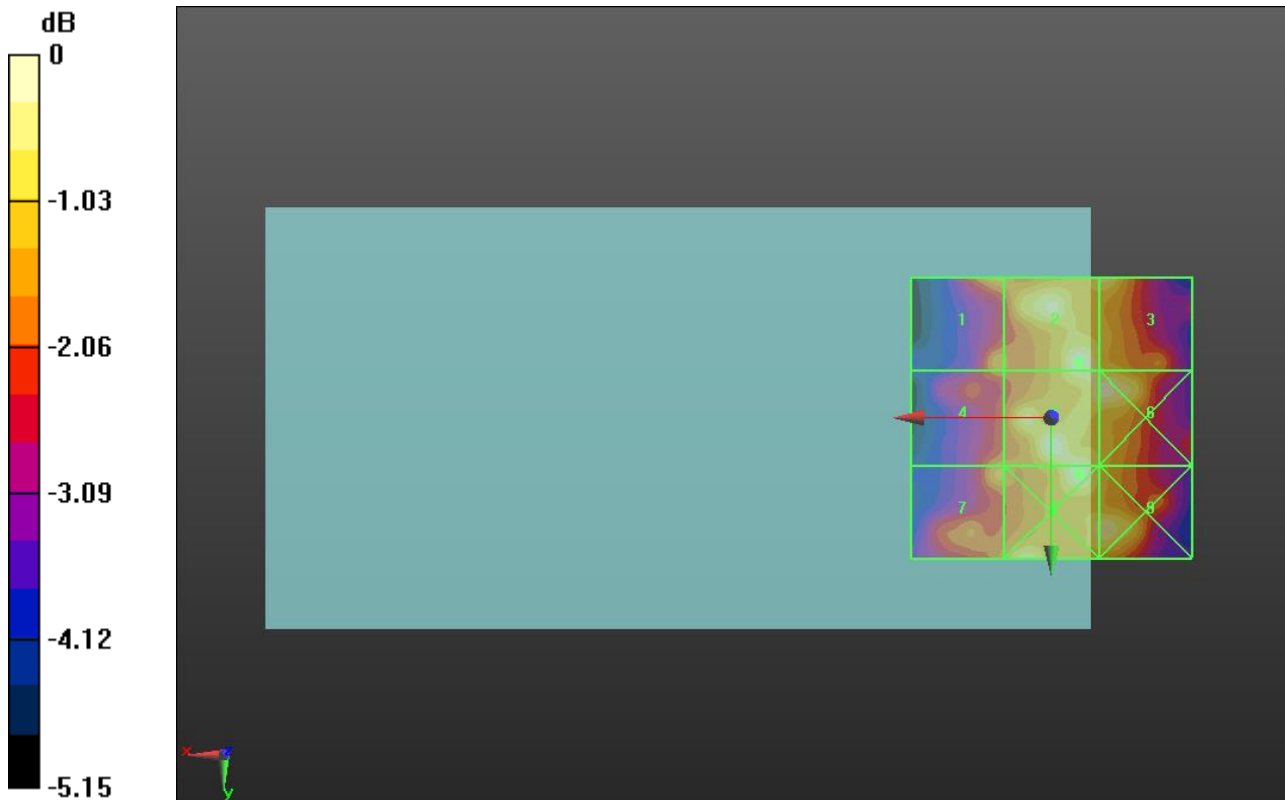
Applied MIF = 3.26 dB

RF audio interference level = 29.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>28.5 dBV/m</b>	Grid 2 <b>M4</b> <b>29.58 dBV/m</b>	Grid 3 <b>M4</b> <b>29.14 dBV/m</b>
Grid 4 <b>M4</b> <b>28.12 dBV/m</b>	Grid 5 <b>M4</b> <b>29.53 dBV/m</b>	Grid 6 <b>M4</b> <b>29.42 dBV/m</b>
Grid 7 <b>M4</b> <b>28.35 dBV/m</b>	Grid 8 <b>M4</b> <b>29.6 dBV/m</b>	Grid 9 <b>M4</b> <b>29.18 dBV/m</b>



0 dB = 30.20 V/m = 29.60 dBV/m

### HAC-RF Emission (With Smart Cover)

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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

### 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 = 21.88 V/m; Power Drift = 0.01 dB

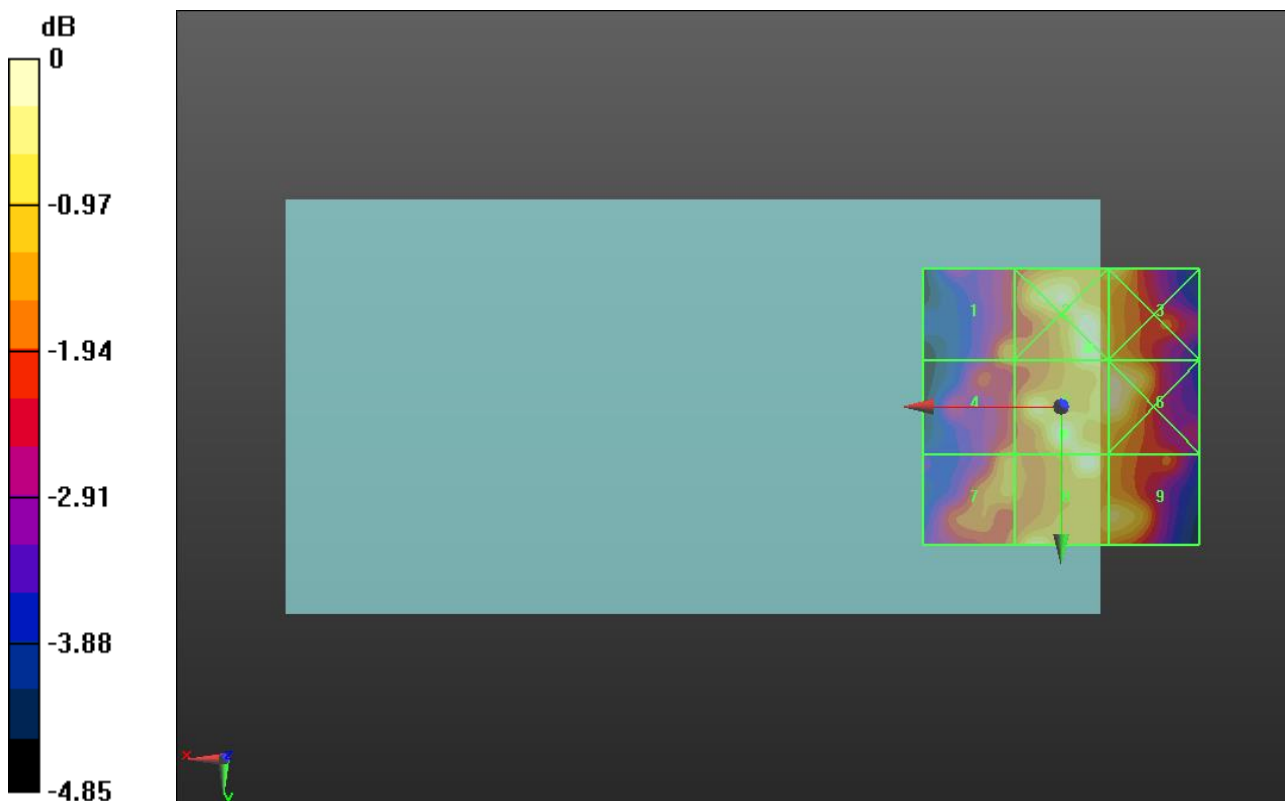
Applied MIF = 3.26 dB

RF audio interference level = 29.29 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>29.38 dBV/m</b>	Grid 3 <b>M4</b> <b>29.02 dBV/m</b>
Grid 4 <b>M4</b> <b>27.91 dBV/m</b>	Grid 5 <b>M4</b> <b>29.29 dBV/m</b>	Grid 6 <b>M4</b> <b>29.14 dBV/m</b>
Grid 7 <b>M4</b> <b>28.24 dBV/m</b>	Grid 8 <b>M4</b> <b>29.27 dBV/m</b>	Grid 9 <b>M4</b> <b>28.83 dBV/m</b>



0 dB = 29.43 V/m = 29.38 dBV/m

## HAC-RF Emission (With Smart Cover)

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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 13.11 V/m; Power Drift = -0.05 dB

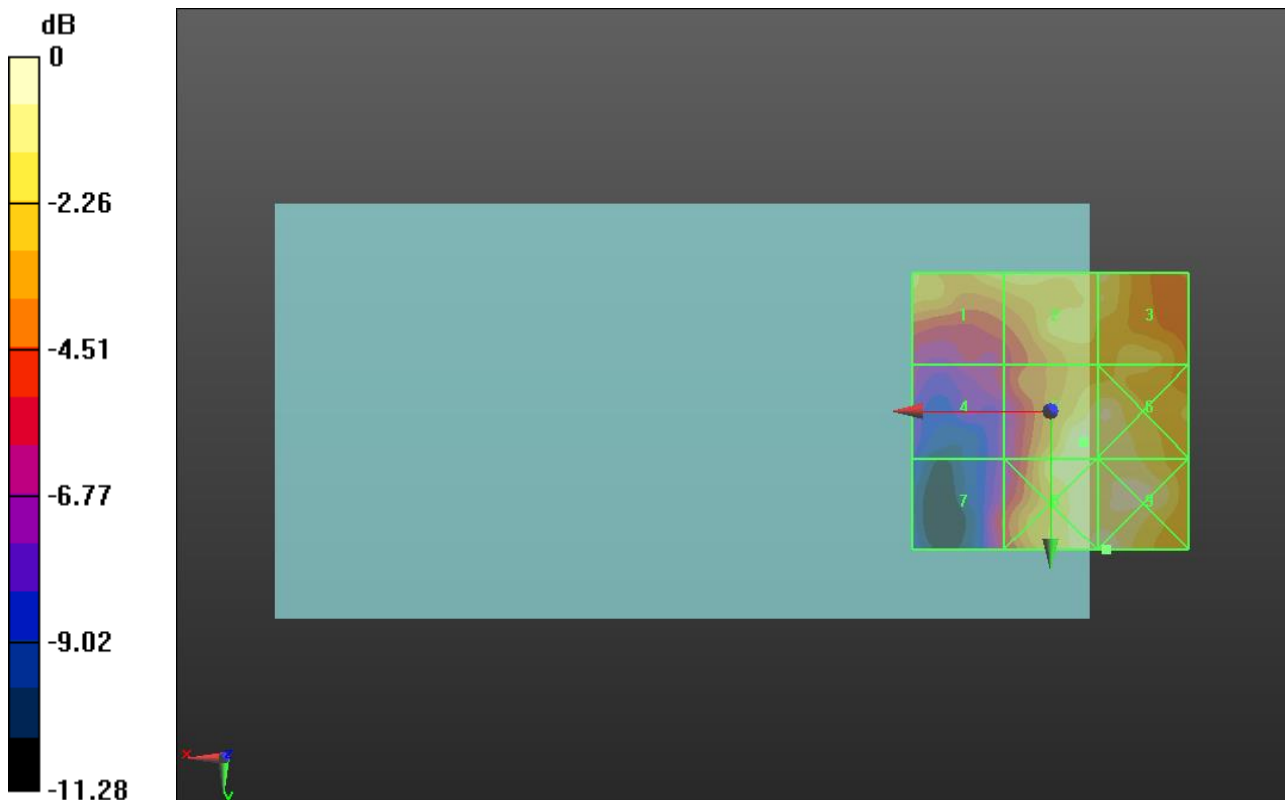
Applied MIF = 3.26 dB

RF audio interference level = 26.18 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.21 dBV/m</b>	Grid 2 <b>M4</b> <b>25.5 dBV/m</b>	Grid 3 <b>M4</b> <b>25.47 dBV/m</b>
Grid 4 <b>M4</b> <b>21.18 dBV/m</b>	Grid 5 <b>M4</b> <b>26.18 dBV/m</b>	Grid 6 <b>M4</b> <b>26.15 dBV/m</b>
Grid 7 <b>M4</b> <b>21.77 dBV/m</b>	Grid 8 <b>M4</b> <b>26.64 dBV/m</b>	Grid 9 <b>M4</b> <b>26.79 dBV/m</b>



0 dB = 21.86 V/m = 26.79 dBV/m

## HAC-RF Emission (With Smart Cover)

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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 11.93 V/m; Power Drift = 0.12 dB

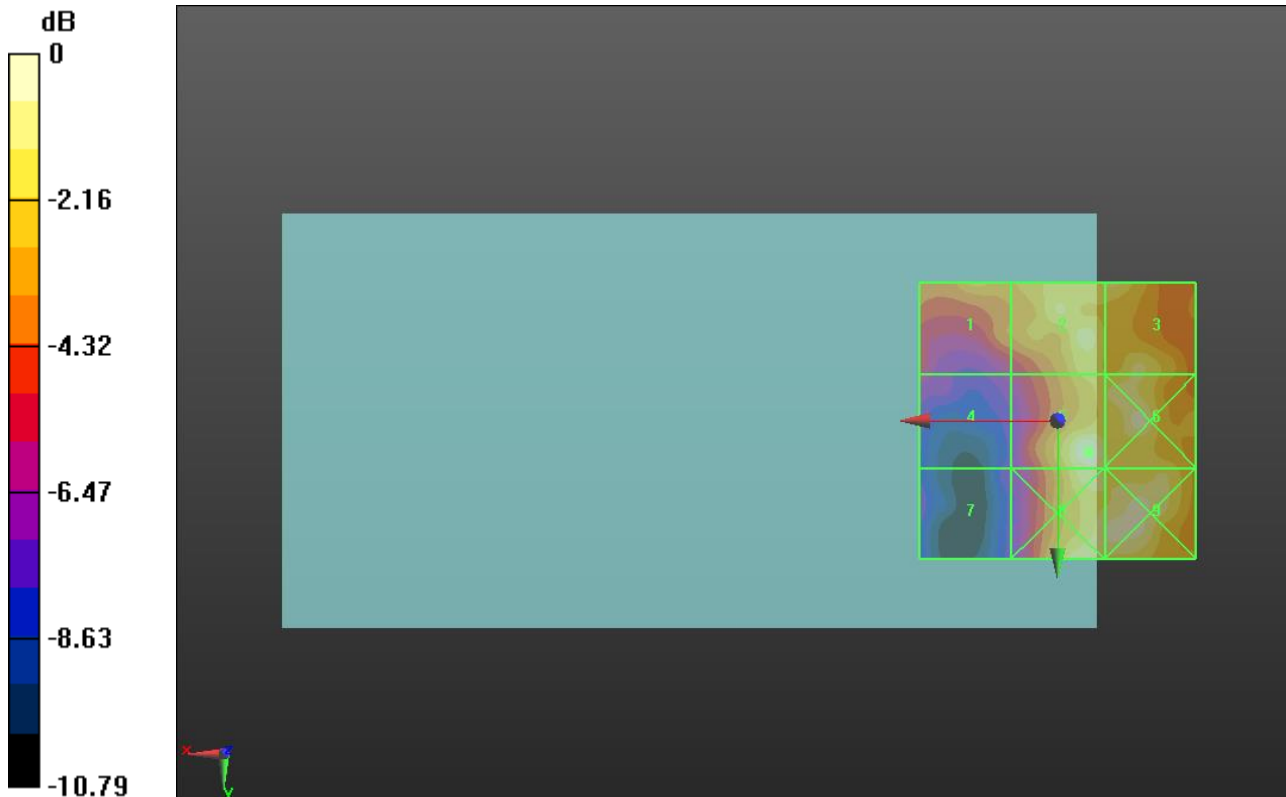
Applied MIF = 3.26 dB

RF audio interference level = 26.53 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.03 dBV/m</b>	Grid 2 <b>M4</b> <b>25.5 dBV/m</b>	Grid 3 <b>M4</b> <b>25.43 dBV/m</b>
Grid 4 <b>M4</b> <b>21.04 dBV/m</b>	Grid 5 <b>M4</b> <b>26.53 dBV/m</b>	Grid 6 <b>M4</b> <b>26.19 dBV/m</b>
Grid 7 <b>M4</b> <b>19.65 dBV/m</b>	Grid 8 <b>M4</b> <b>25.91 dBV/m</b>	Grid 9 <b>M4</b> <b>26.17 dBV/m</b>



0 dB = 21.21 V/m = 26.53 dBV/m

## HAC-RF Emission (With Smart Cover)

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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- 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)

## 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 = 11.22 V/m; Power Drift = 0.02 dB

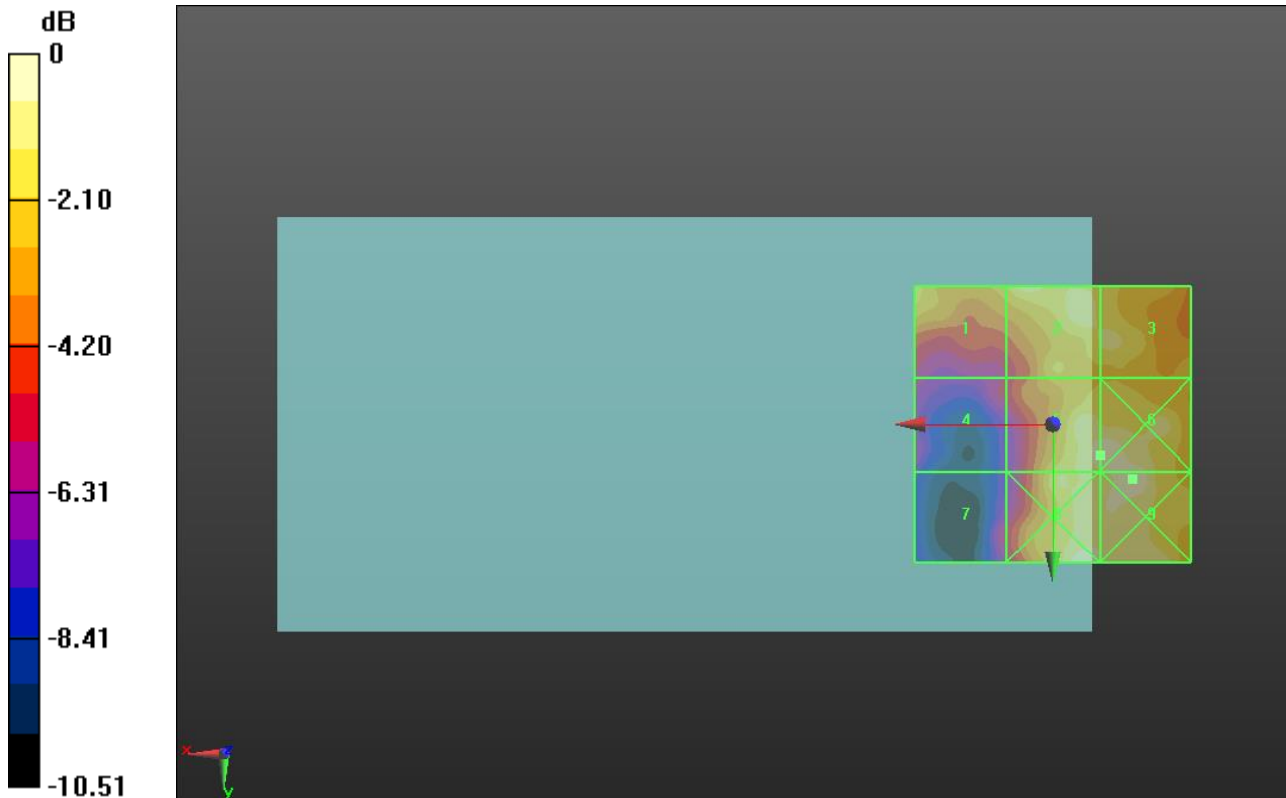
Applied MIF = 3.26 dB

RF audio interference level = 25.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.91 dBV/m</b>	Grid 2 <b>M4</b> <b>24.77 dBV/m</b>	Grid 3 <b>M4</b> <b>24.37 dBV/m</b>
Grid 4 <b>M4</b> <b>20.32 dBV/m</b>	Grid 5 <b>M4</b> <b>25.24 dBV/m</b>	Grid 6 <b>M4</b> <b>25.47 dBV/m</b>
Grid 7 <b>M4</b> <b>20.18 dBV/m</b>	Grid 8 <b>M4</b> <b>25.51 dBV/m</b>	Grid 9 <b>M4</b> <b>25.53 dBV/m</b>



0 dB = 18.90 V/m = 25.53 dBV/m