

## HAC-RF Emission

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

### Dipole E-Field measurement/835 MHz/Hearing Aid Compatibility Test at 15mm distance

**(41x361x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 110.1 V/m; Power Drift = 0.03 dB

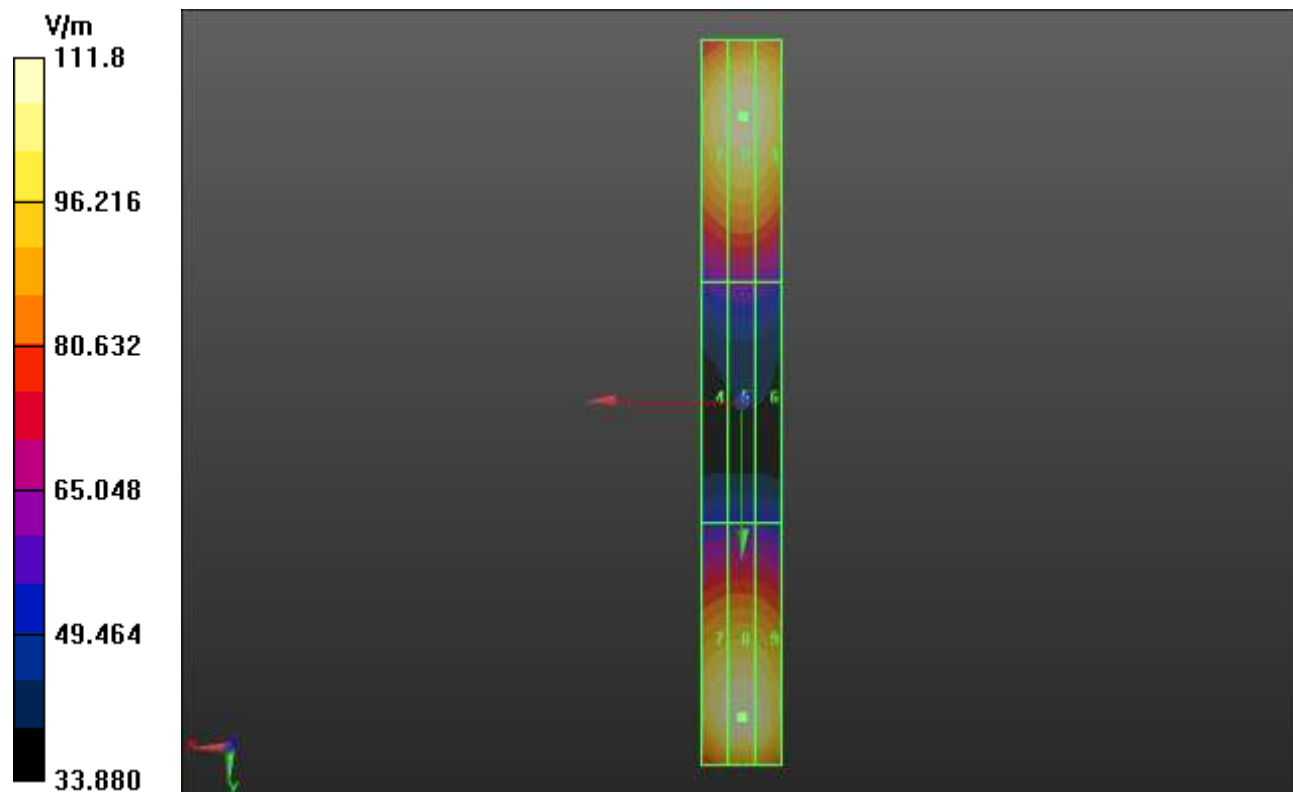
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.8 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 <b>M4</b> <b>108.8 V/m</b>	Grid 2 <b>M4</b> <b>111.1 V/m</b>	Grid 3 <b>M4</b> <b>110.0 V/m</b>
Grid 4 <b>M4</b> <b>61.63 V/m</b>	Grid 5 <b>M4</b> <b>62.81 V/m</b>	Grid 6 <b>M4</b> <b>61.88 V/m</b>
Grid 7 <b>M4</b> <b>109.4 V/m</b>	Grid 8 <b>M4</b> <b>111.8 V/m</b>	Grid 9 <b>M4</b> <b>109.7 V/m</b>



## HAC-RF Emission

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

### Dipole E-Field measurement/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 156.7 V/m; Power Drift = 0.04 dB

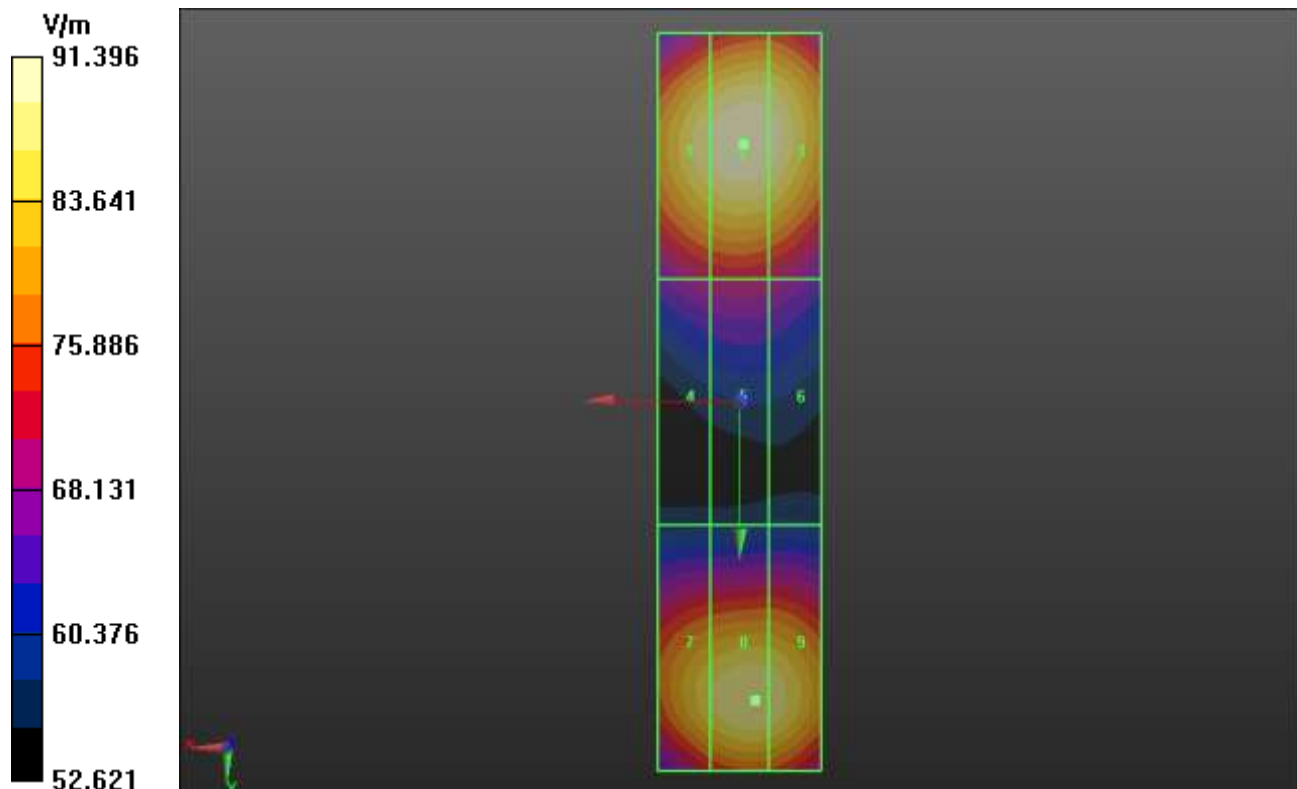
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.40 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

Grid 1 <b>M3</b> <b>89.26 V/m</b>	Grid 2 <b>M3</b> <b>91.40 V/m</b>	Grid 3 <b>M3</b> <b>90.42 V/m</b>
Grid 4 <b>M3</b> <b>70.58 V/m</b>	Grid 5 <b>M3</b> <b>71.48 V/m</b>	Grid 6 <b>M3</b> <b>70.31 V/m</b>
Grid 7 <b>M3</b> <b>86.14 V/m</b>	Grid 8 <b>M3</b> <b>88.92 V/m</b>	Grid 9 <b>M3</b> <b>88.42 V/m</b>



## HAC-RF Emission

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013

- 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)

### Dipole E-Field measurement/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 150.3 V/m; Power Drift = 0.01 dB

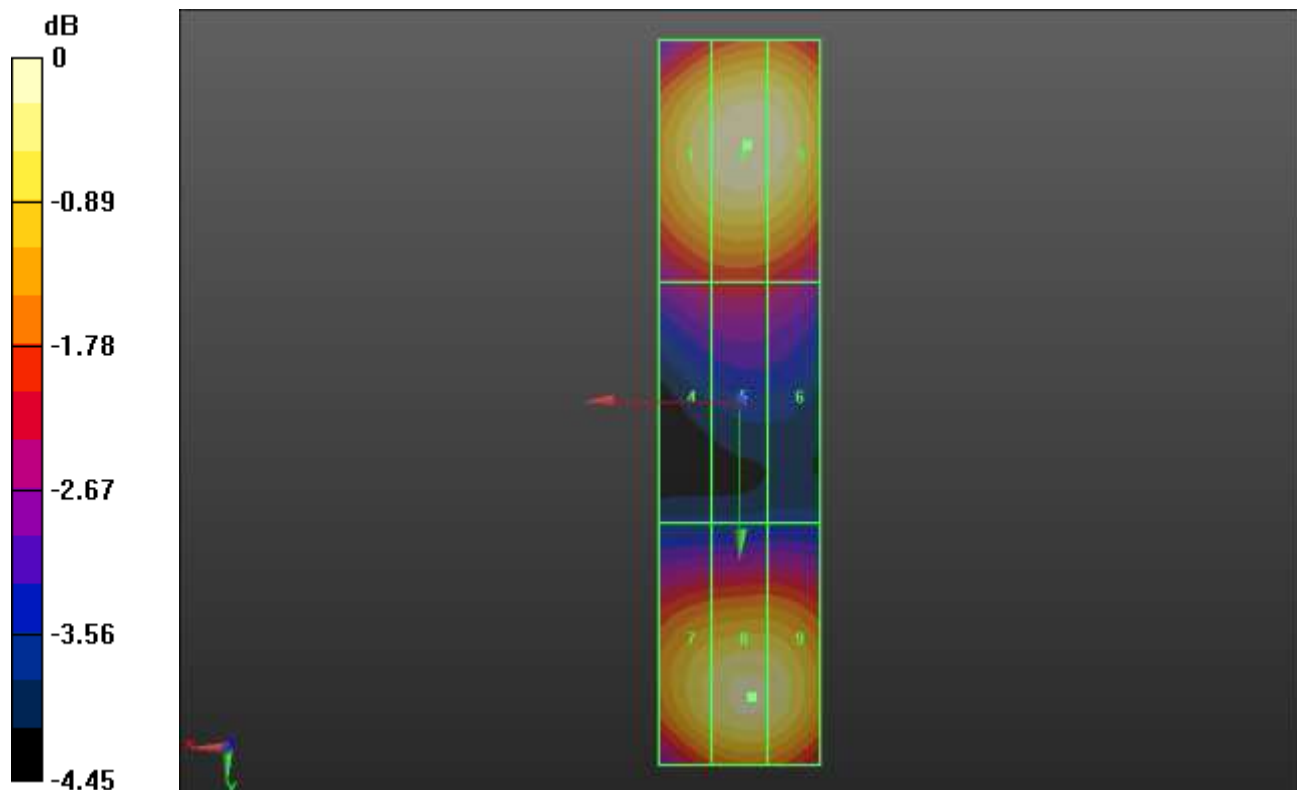
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.05 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

Grid 1 <b>M3</b> <b>86.80 V/m</b>	Grid 2 <b>M3</b> <b>89.05 V/m</b>	Grid 3 <b>M3</b> <b>88.39 V/m</b>
Grid 4 <b>M3</b> <b>69.52 V/m</b>	Grid 5 <b>M3</b> <b>70.46 V/m</b>	Grid 6 <b>M3</b> <b>69.53 V/m</b>
Grid 7 <b>M3</b> <b>84.51 V/m</b>	Grid 8 <b>M3</b> <b>86.82 V/m</b>	Grid 9 <b>M3</b> <b>86.30 V/m</b>



0 dB = 89.05 V/m = 38.99 dBV/m

## HAC-RF Emission

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013

- 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)

### Dipole E-Field measurement/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 156.4 V/m; Power Drift = 0.04 dB

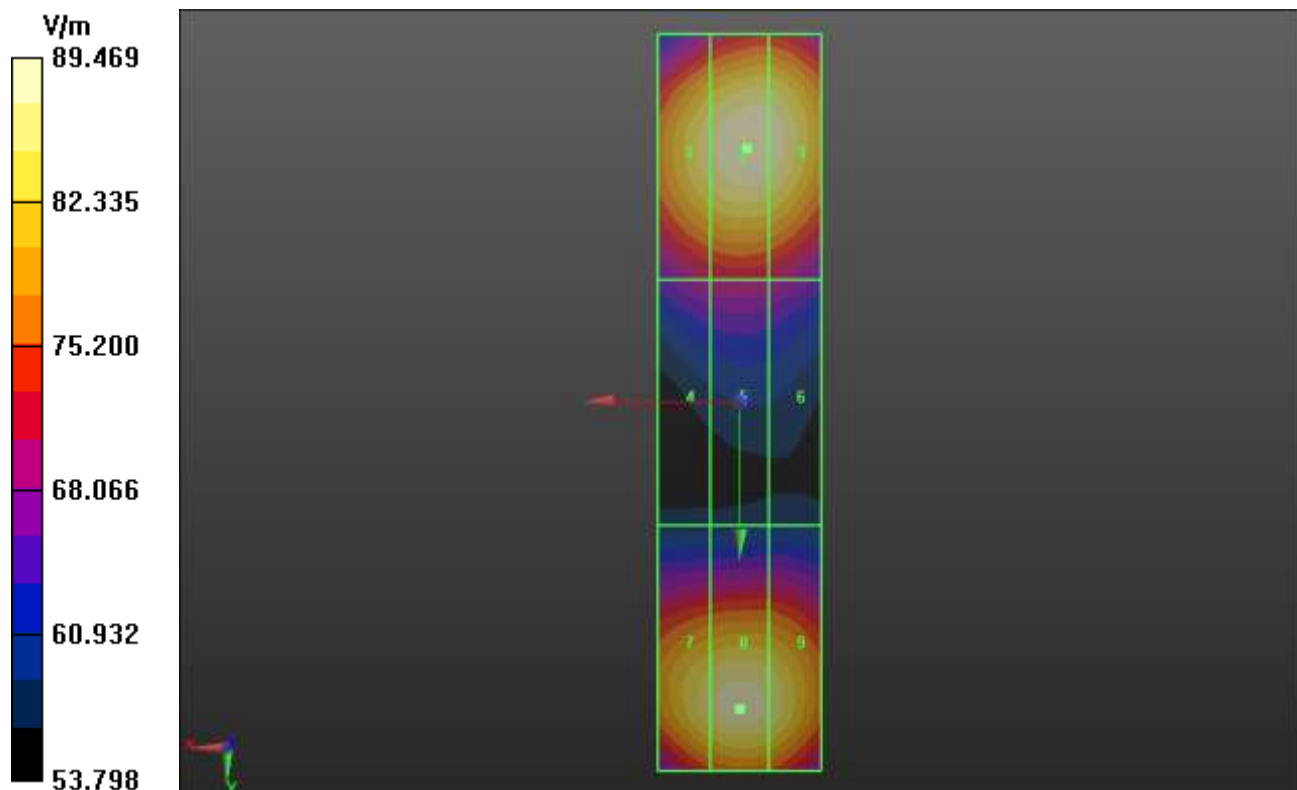
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.47 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

Grid 1 <b>M3</b> <b>86.94 V/m</b>	Grid 2 <b>M3</b> <b>89.47 V/m</b>	Grid 3 <b>M3</b> <b>88.91 V/m</b>
Grid 4 <b>M3</b> <b>69.89 V/m</b>	Grid 5 <b>M3</b> <b>70.89 V/m</b>	Grid 6 <b>M3</b> <b>69.95 V/m</b>
Grid 7 <b>M3</b> <b>86.60 V/m</b>	Grid 8 <b>M3</b> <b>88.18 V/m</b>	Grid 9 <b>M3</b> <b>86.91 V/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 66.15 V/m; Power Drift = 0.50 dB

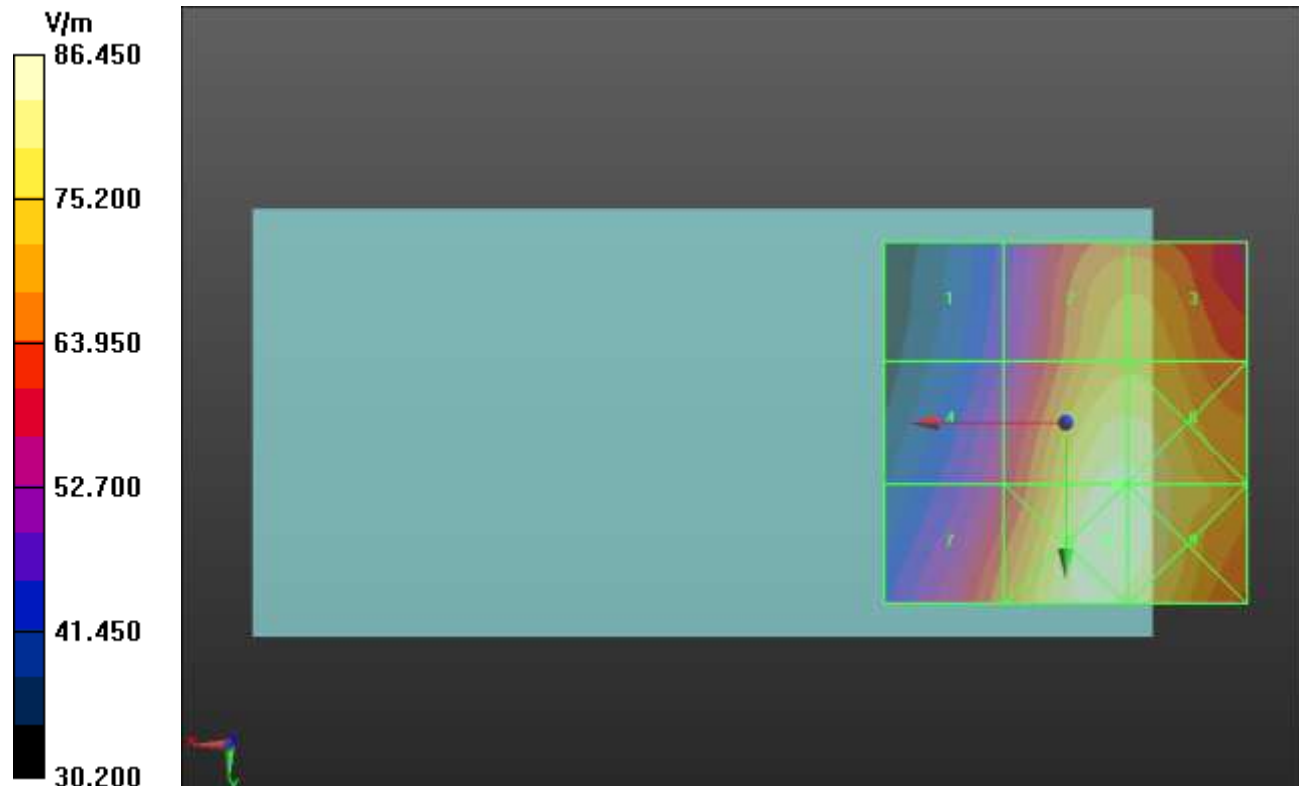
Applied MIF = 3.63 dB

RF audio interference level = 38.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>33.99 dBV/m</b>	Grid 2 <b>M4</b> <b>37.44 dBV/m</b>	Grid 3 <b>M4</b> <b>37.46 dBV/m</b>
Grid 4 <b>M4</b> <b>35.24 dBV/m</b>	Grid 5 <b>M4</b> <b>38.52 dBV/m</b>	Grid 6 <b>M4</b> <b>38.48 dBV/m</b>
Grid 7 <b>M4</b> <b>36.6 dBV/m</b>	Grid 8 <b>M4</b> <b>38.74 dBV/m</b>	Grid 9 <b>M4</b> <b>38.6 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 64.97 V/m; Power Drift = 0.57 dB

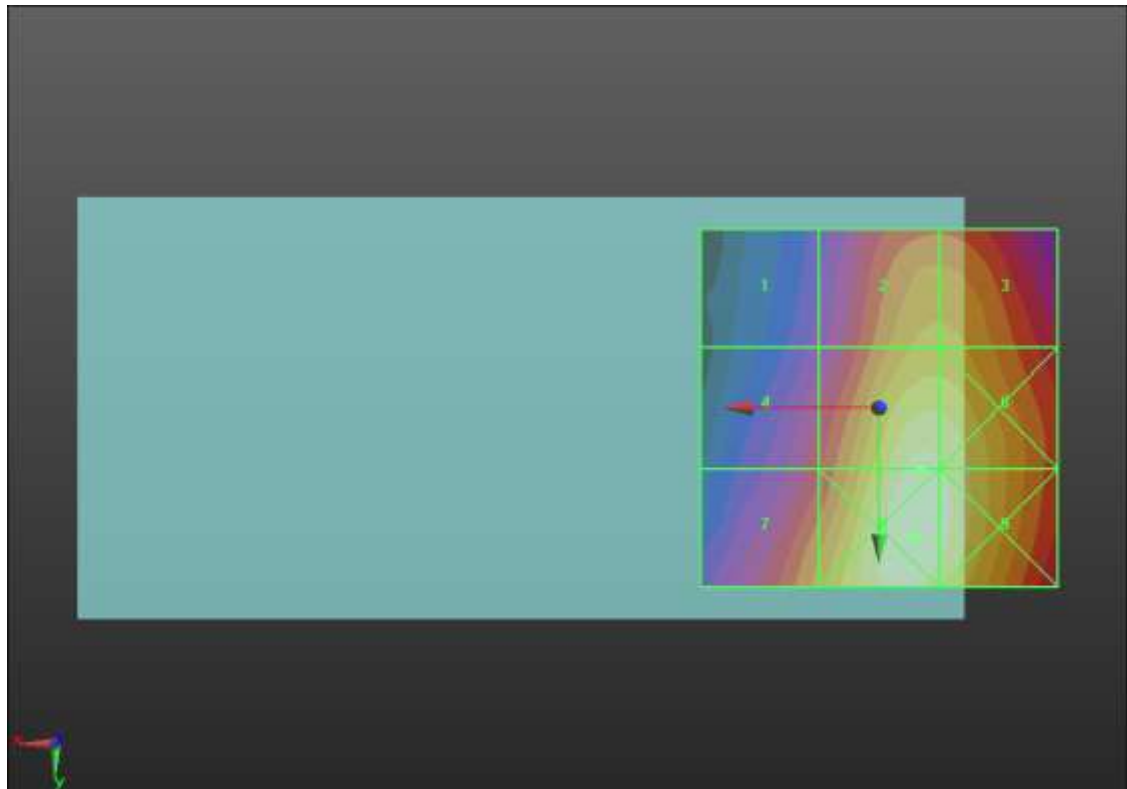
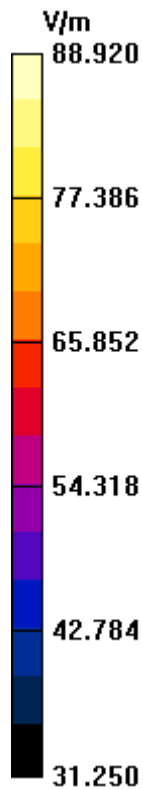
Applied MIF = 3.63 dB

RF audio interference level = 38.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>34.45 dBV/m</b>	Grid 2 <b>M4</b> <b>37.52 dBV/m</b>	Grid 3 <b>M4</b> <b>37.52 dBV/m</b>
Grid 4 <b>M4</b> <b>35.77 dBV/m</b>	Grid 5 <b>M4</b> <b>38.75 dBV/m</b>	Grid 6 <b>M4</b> <b>38.64 dBV/m</b>
Grid 7 <b>M4</b> <b>37.1 dBV/m</b>	Grid 8 <b>M4</b> <b>38.98 dBV/m</b>	Grid 9 <b>M4</b> <b>38.78 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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

Reference Value = 64.49 V/m; Power Drift = -0.01 dB

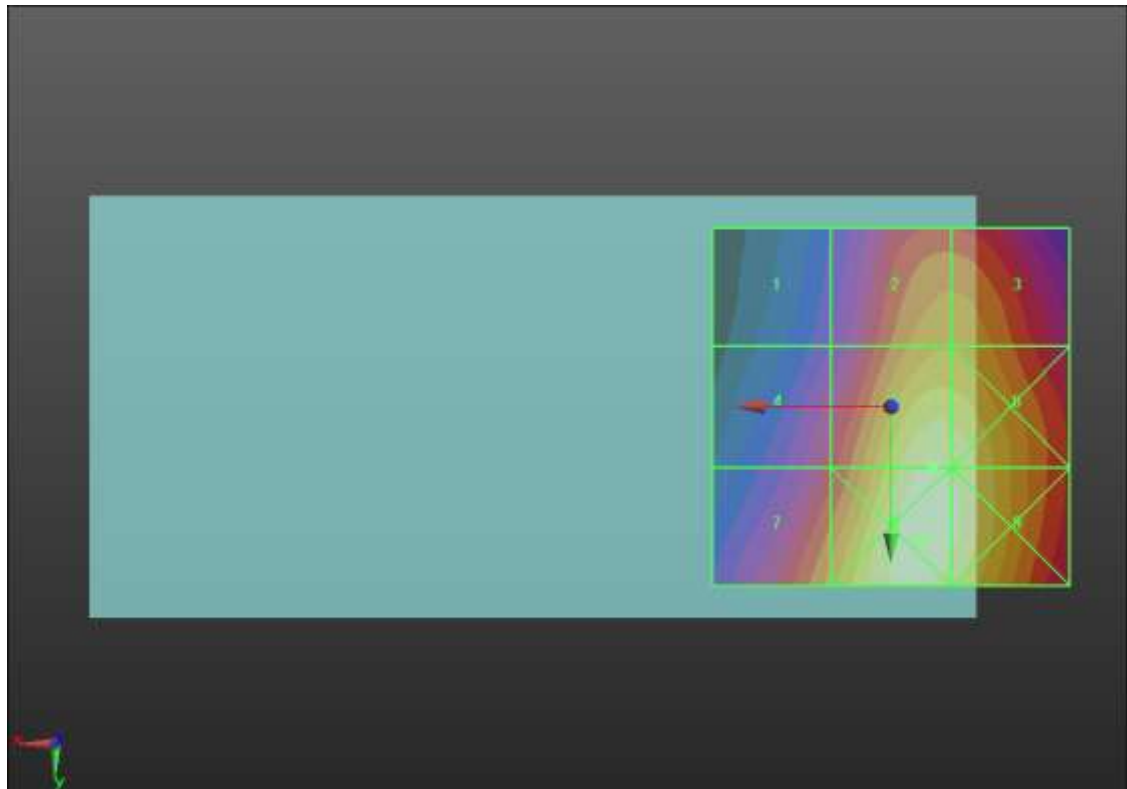
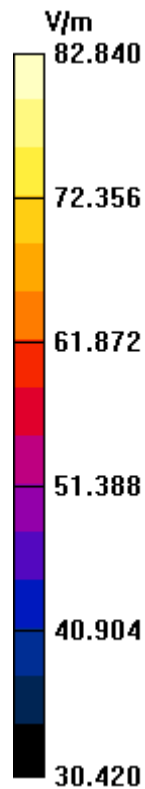
Applied MIF = 3.63 dB

RF audio interference level = 38.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>33.69 dBV/m</b>	Grid 2 <b>M4</b> <b>36.74 dBV/m</b>	Grid 3 <b>M4</b> <b>36.73 dBV/m</b>
Grid 4 <b>M4</b> <b>35.11 dBV/m</b>	Grid 5 <b>M4</b> <b>38.07 dBV/m</b>	Grid 6 <b>M4</b> <b>37.95 dBV/m</b>
Grid 7 <b>M4</b> <b>36.51 dBV/m</b>	Grid 8 <b>M4</b> <b>38.37 dBV/m</b>	Grid 9 <b>M4</b> <b>38.12 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 36.33 V/m; Power Drift = 0.20 dB

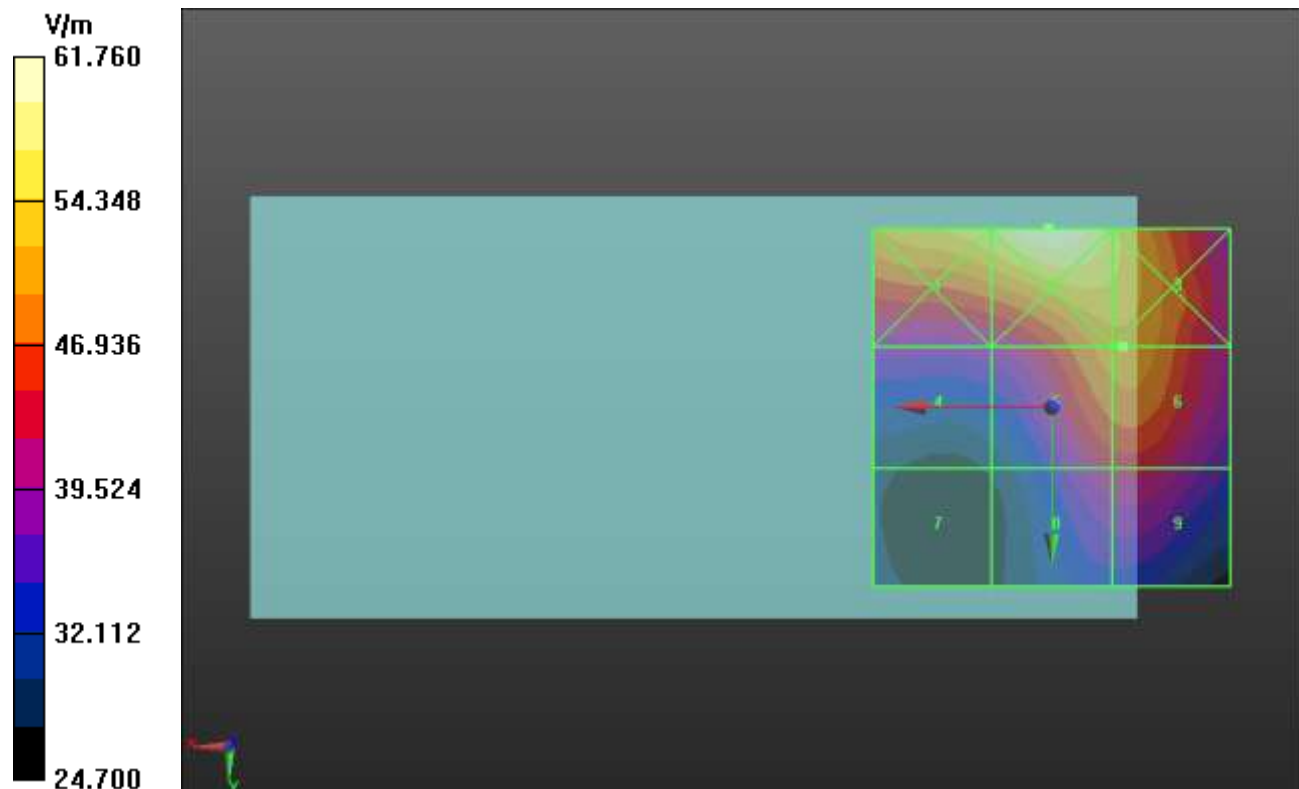
Applied MIF = 3.63 dB

RF audio interference level = 34.16 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M2</b> <b>35.2 dBV/m</b>	Grid 2 <b>M2</b> <b>35.81 dBV/m</b>	Grid 3 <b>M3</b> <b>34.88 dBV/m</b>
Grid 4 <b>M3</b> <b>31.96 dBV/m</b>	Grid 5 <b>M3</b> <b>34.13 dBV/m</b>	Grid 6 <b>M3</b> <b>34.16 dBV/m</b>
Grid 7 <b>M4</b> <b>29.22 dBV/m</b>	Grid 8 <b>M3</b> <b>32.55 dBV/m</b>	Grid 9 <b>M3</b> <b>32.66 dBV/m</b>





## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 36.34 V/m; Power Drift = 0.01 dB

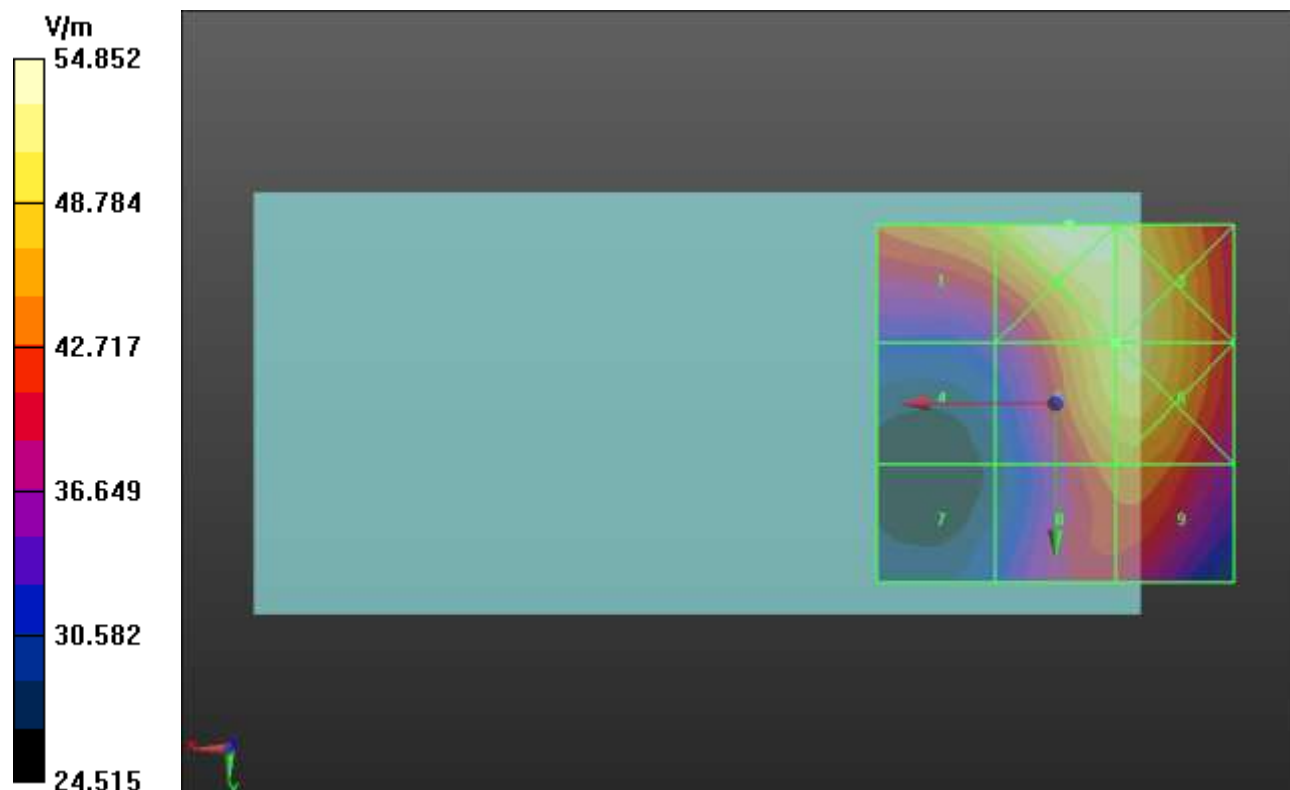
Applied MIF = 3.63 dB

RF audio interference level = 34.22 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>33.83 dBV/m</b>	Grid 2 <b>M3</b> <b>34.78 dBV/m</b>	Grid 3 <b>M3</b> <b>34.44 dBV/m</b>
Grid 4 <b>M3</b> <b>30.78 dBV/m</b>	Grid 5 <b>M3</b> <b>34.22 dBV/m</b>	Grid 6 <b>M3</b> <b>34.3 dBV/m</b>
Grid 7 <b>M3</b> <b>30.01 dBV/m</b>	Grid 8 <b>M3</b> <b>32.99 dBV/m</b>	Grid 9 <b>M3</b> <b>33.08 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 31.67 V/m; Power Drift = -0.00 dB

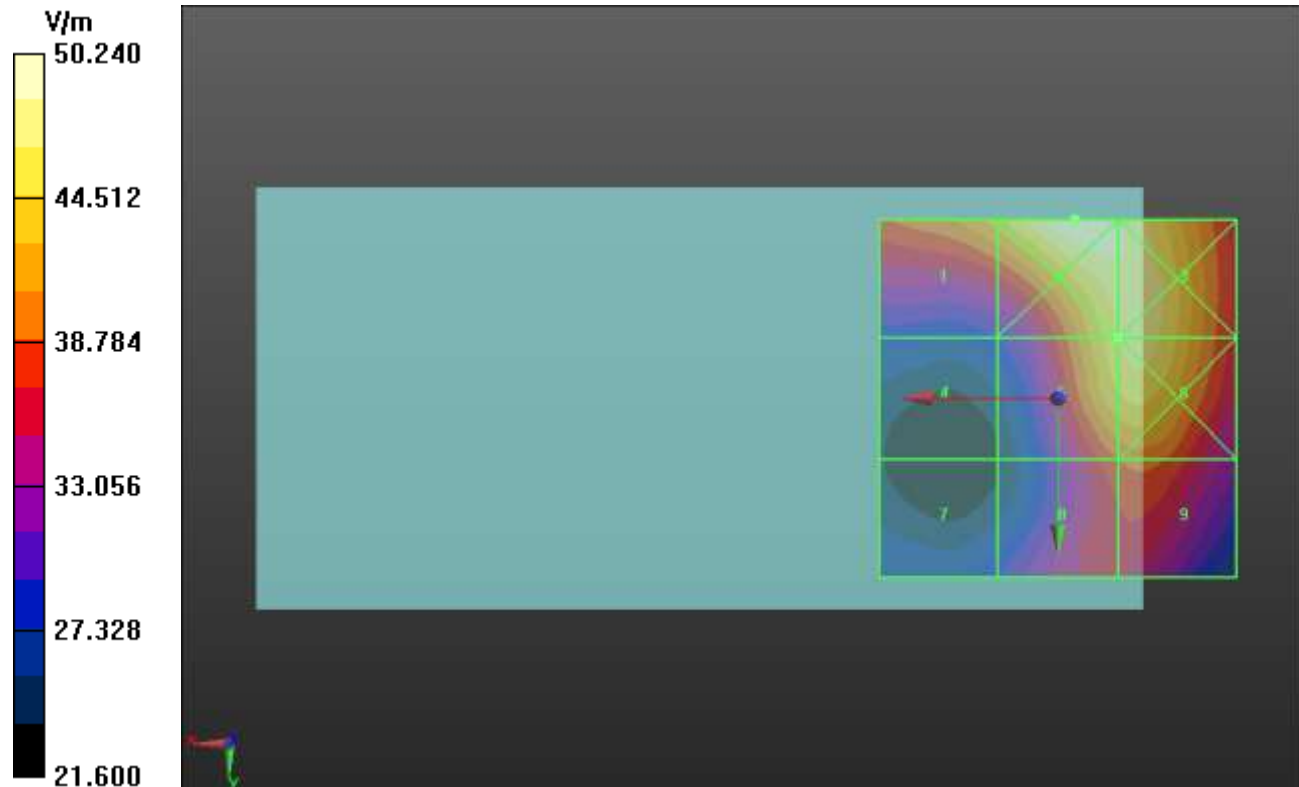
Applied MIF = 3.63 dB

RF audio interference level = 33.32 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>32.79 dBV/m</b>	Grid 2 <b>M3</b> <b>34.02 dBV/m</b>	Grid 3 <b>M3</b> <b>33.73 dBV/m</b>
Grid 4 <b>M4</b> <b>29.38 dBV/m</b>	Grid 5 <b>M3</b> <b>33.32 dBV/m</b>	Grid 6 <b>M3</b> <b>33.48 dBV/m</b>
Grid 7 <b>M4</b> <b>29.26 dBV/m</b>	Grid 8 <b>M3</b> <b>31.81 dBV/m</b>	Grid 9 <b>M3</b> <b>31.98 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 77.72 V/m; Power Drift = -0.00 dB

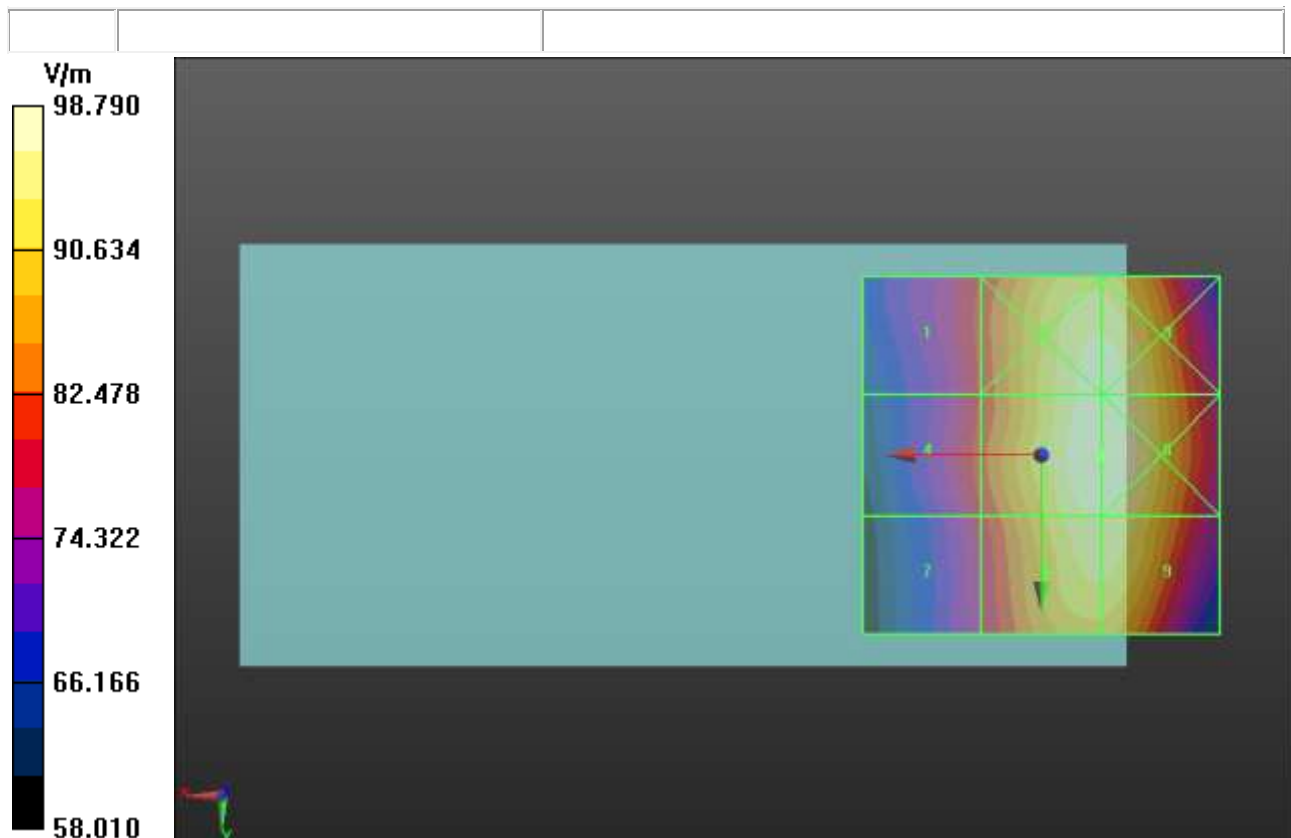
Applied MIF = 3.63 dB

RF audio interference level = 39.89 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.16 dBV/m</b>	Grid 2 <b>M4</b> <b>39.79 dBV/m</b>	Grid 3 <b>M4</b> <b>39.79 dBV/m</b>
Grid 4 <b>M4</b> <b>38.2 dBV/m</b>	Grid 5 <b>M4</b> <b>39.89 dBV/m</b>	Grid 6 <b>M4</b> <b>39.89 dBV/m</b>
Grid 7 <b>M4</b> <b>37.94 dBV/m</b>	Grid 8 <b>M4</b> <b>39.67 dBV/m</b>	Grid 9 <b>M4</b> <b>39.67 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 80.22 V/m; Power Drift = -0.06 dB

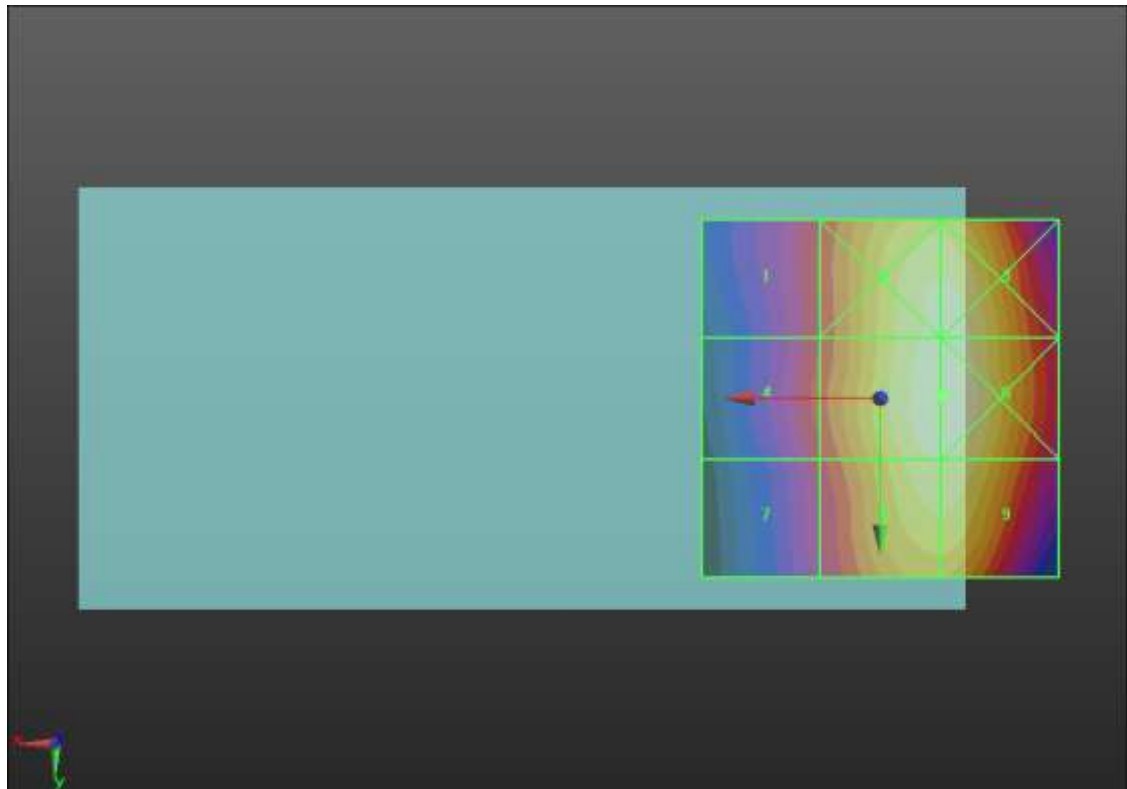
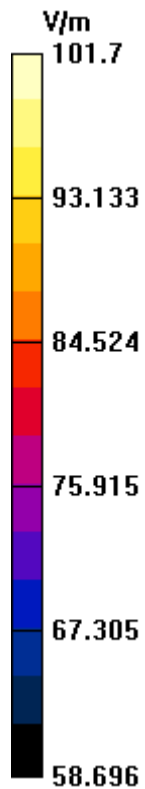
Applied MIF = 3.63 dB

RF audio interference level = 40.14 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.31 dBV/m</b>	Grid 2 <b>M3</b> <b>40.05 dBV/m</b>	Grid 3 <b>M3</b> <b>40.06 dBV/m</b>
Grid 4 <b>M4</b> <b>38.41 dBV/m</b>	Grid 5 <b>M3</b> <b>40.14 dBV/m</b>	Grid 6 <b>M3</b> <b>40.15 dBV/m</b>
Grid 7 <b>M4</b> <b>38.13 dBV/m</b>	Grid 8 <b>M4</b> <b>39.92 dBV/m</b>	Grid 9 <b>M4</b> <b>39.92 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 78.43 V/m; Power Drift = -0.00 dB

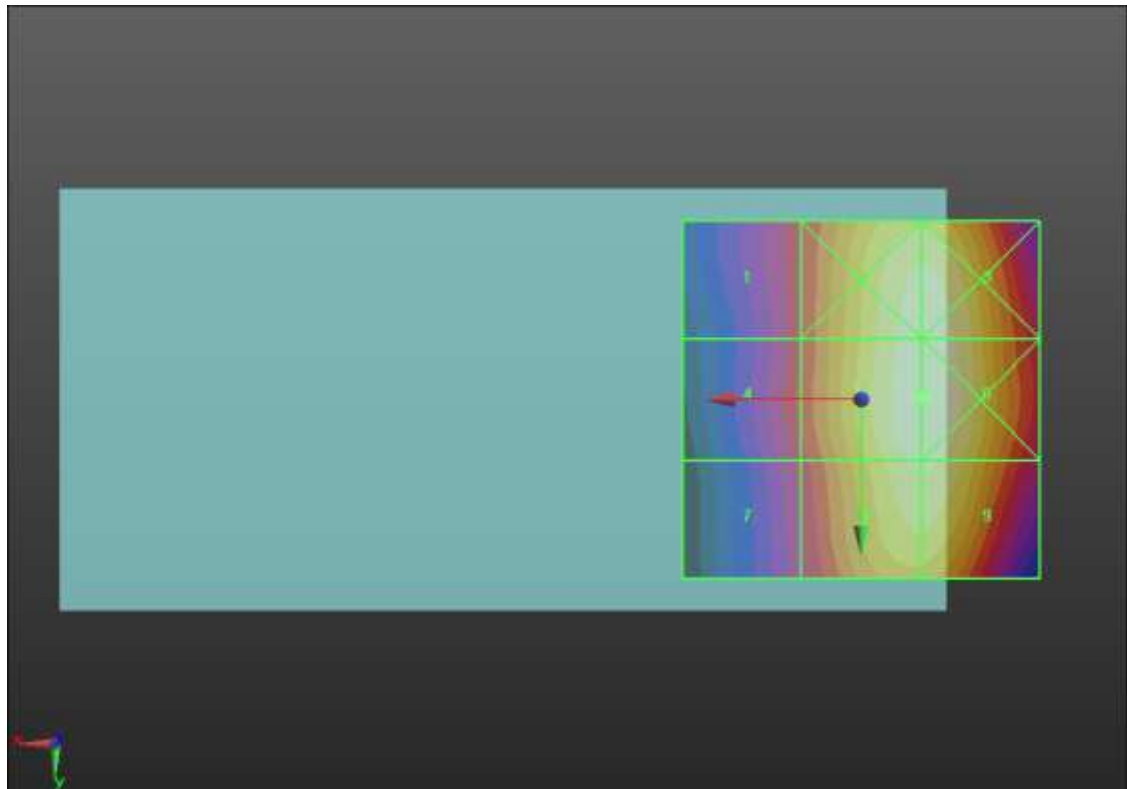
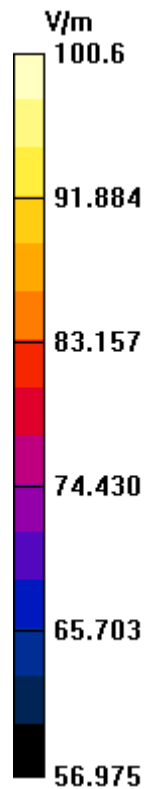
Applied MIF = 3.63 dB

RF audio interference level = 40.05 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>38.11 dBV/m</b>	Grid 2 <b>M4</b> <b>39.94 dBV/m</b>	Grid 3 <b>M4</b> <b>39.94 dBV/m</b>
Grid 4 <b>M4</b> <b>38.18 dBV/m</b>	Grid 5 <b>M3</b> <b>40.05 dBV/m</b>	Grid 6 <b>M3</b> <b>40.05 dBV/m</b>
Grid 7 <b>M4</b> <b>37.94 dBV/m</b>	Grid 8 <b>M4</b> <b>39.85 dBV/m</b>	Grid 9 <b>M4</b> <b>39.85 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 28.20 V/m; Power Drift = 0.02 dB

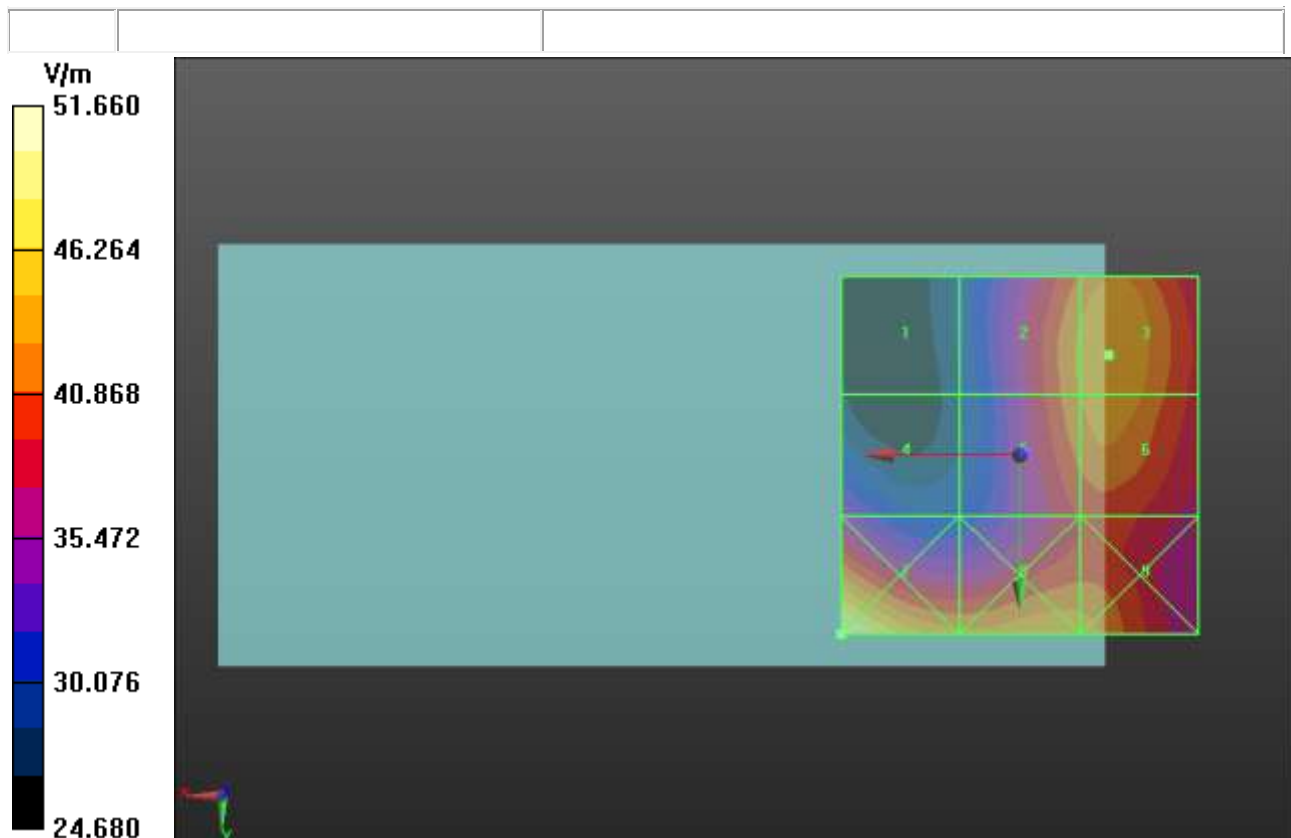
Applied MIF = 3.63 dB

RF audio interference level = 32.95 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.22 dBV/m</b>	Grid 2 <b>M3</b> <b>32.72 dBV/m</b>	Grid 3 <b>M3</b> <b>32.95 dBV/m</b>
Grid 4 <b>M3</b> <b>30.97 dBV/m</b>	Grid 5 <b>M3</b> <b>32.63 dBV/m</b>	Grid 6 <b>M3</b> <b>32.86 dBV/m</b>
Grid 7 <b>M3</b> <b>34.26 dBV/m</b>	Grid 8 <b>M3</b> <b>32.98 dBV/m</b>	Grid 9 <b>M3</b> <b>32.83 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 27.86 V/m; Power Drift = 0.00 dB

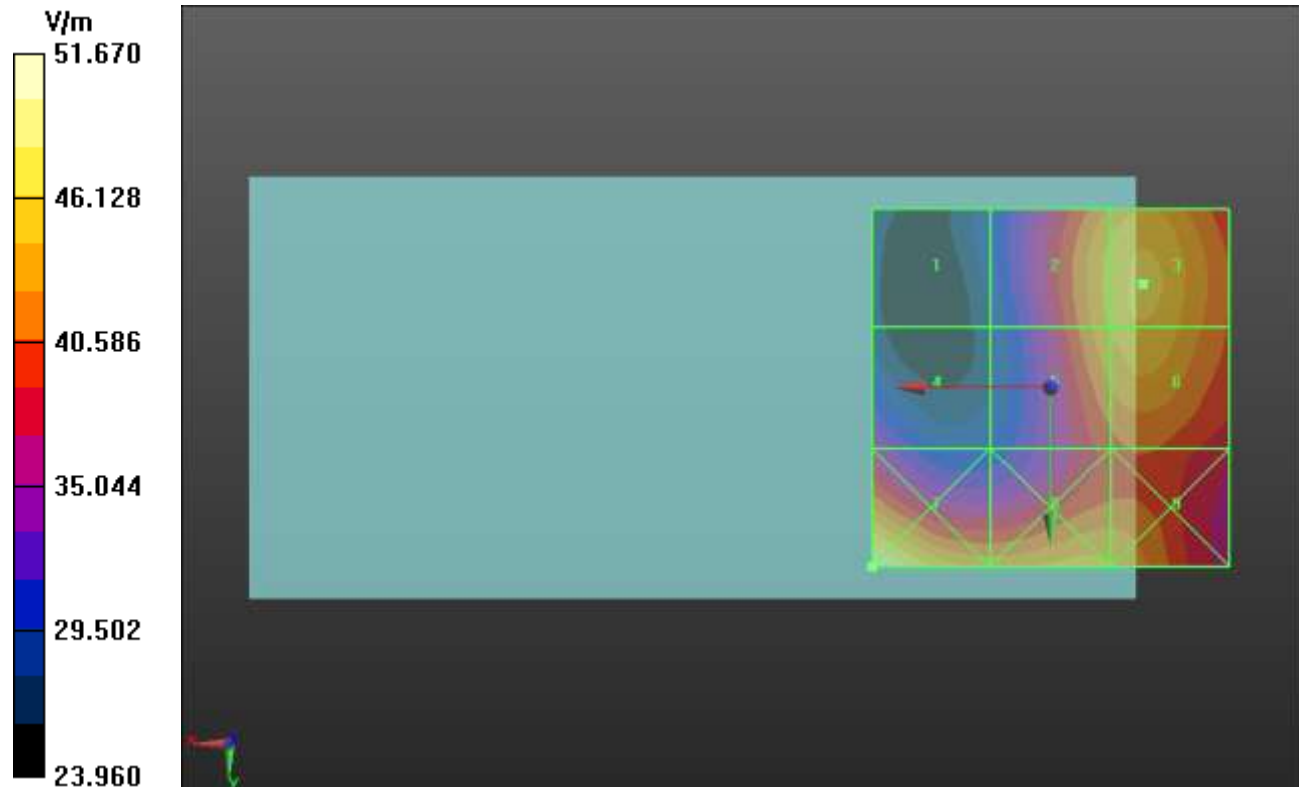
Applied MIF = 3.63 dB

RF audio interference level = 33.36 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.33 dBV/m</b>	Grid 2 <b>M3</b> <b>33.08 dBV/m</b>	Grid 3 <b>M3</b> <b>33.36 dBV/m</b>
Grid 4 <b>M3</b> <b>31 dBV/m</b>	Grid 5 <b>M3</b> <b>32.99 dBV/m</b>	Grid 6 <b>M3</b> <b>33.25 dBV/m</b>
Grid 7 <b>M3</b> <b>34.26 dBV/m</b>	Grid 8 <b>M3</b> <b>33.12 dBV/m</b>	Grid 9 <b>M3</b> <b>32.98 dBV/m</b>



## HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/29/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1258; Calibrated: 3/6/2013
- 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 = 29.29 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.92 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>29.95 dBV/m</b>	Grid 2 <b>M3</b> <b>33.68 dBV/m</b>	Grid 3 <b>M3</b> <b>33.92 dBV/m</b>
Grid 4 <b>M3</b> <b>31.81 dBV/m</b>	Grid 5 <b>M3</b> <b>33.58 dBV/m</b>	Grid 6 <b>M3</b> <b>33.83 dBV/m</b>
Grid 7 <b>M3</b> <b>34.96 dBV/m</b>	Grid 8 <b>M3</b> <b>33.35 dBV/m</b>	Grid 9 <b>M3</b> <b>33.34 dBV/m</b>

