

## HAC-RF Emission

Communication System: GPRS-FDD (TDMA, GMSK 1 slot) ; Frequency: 824.4 MHz; Duty Cycle: 1:8.70964

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

**GSM850/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 = 68.54 V/m; Power Drift = -0.04 dB

Applied MIF = 3.60 dB

RF audio interference level = 38.26 dBV/m

**Emission category: M4**

MIF scaled E-field

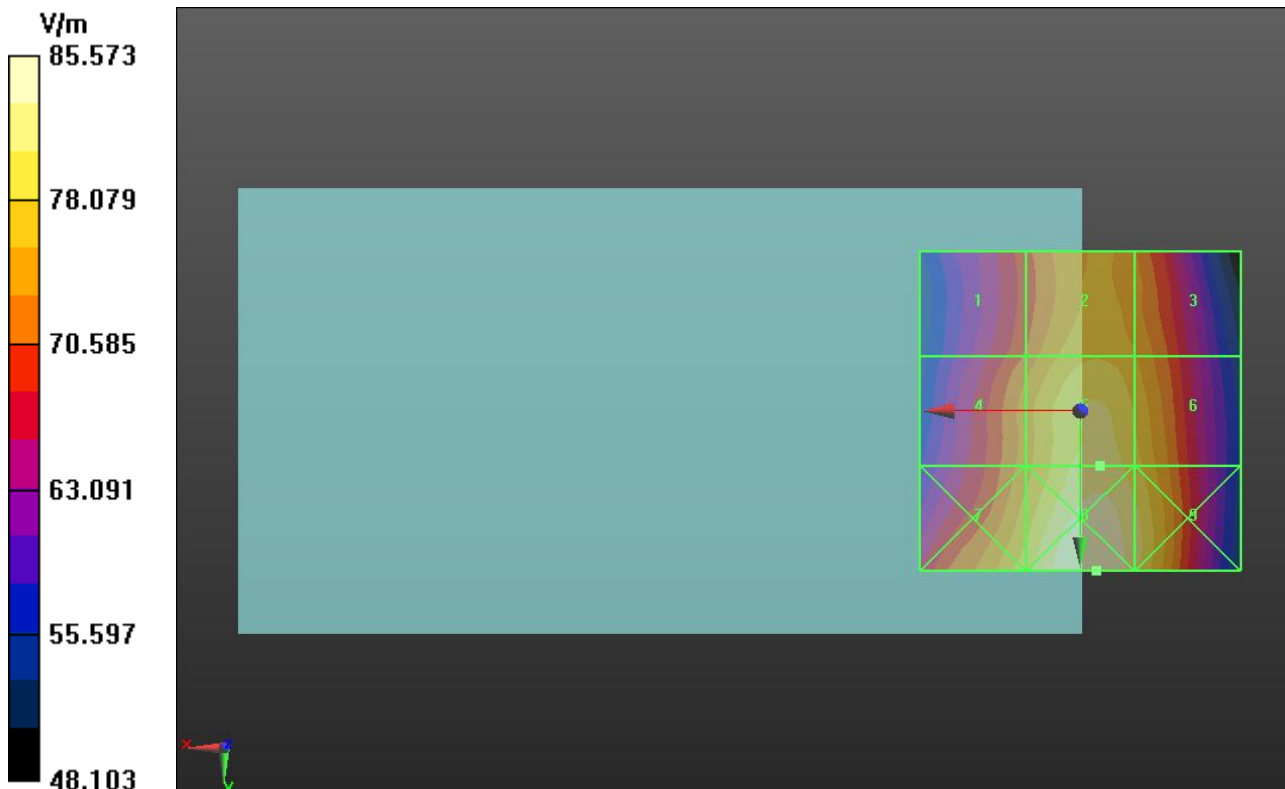
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>37.05 dBV/m</b> | Grid 2 <b>M4</b><br><b>37.84 dBV/m</b> | Grid 3 <b>M4</b><br><b>37.6 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>37.46 dBV/m</b> | Grid 5 <b>M4</b><br><b>38.26 dBV/m</b> | Grid 6 <b>M4</b><br><b>37.97 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>38.05 dBV/m</b> | Grid 8 <b>M4</b><br><b>38.65 dBV/m</b> | Grid 9 <b>M4</b><br><b>38.26 dBV/m</b> |

**Cursor:**

Total = 38.65 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



## HAC-RF Emission

Communication System: GPRS-FDD (TDMA, GMSK 1 slot) ; Frequency: 836.6 MHz; Duty Cycle: 1:8.70964

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

**GSM850/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 = 61.70 V/m; Power Drift = 0.06 dB

Applied MIF = 3.60 dB

RF audio interference level = 37.84 dBV/m

**Emission category: M4**

MIF scaled E-field

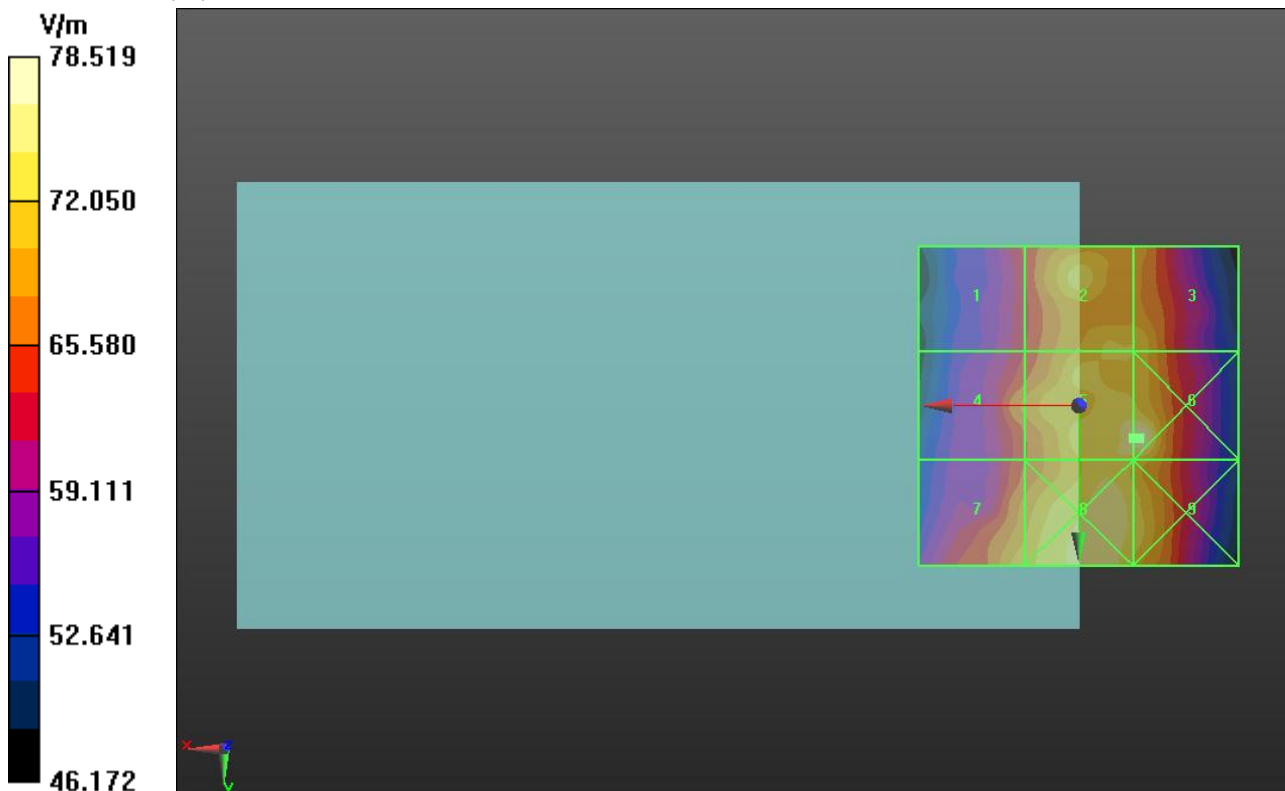
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>36.14 dBV/m</b> | Grid 2 <b>M4</b><br><b>37.34 dBV/m</b> | Grid 3 <b>M4</b><br><b>37.16 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>36.69 dBV/m</b> | Grid 5 <b>M4</b><br><b>37.84 dBV/m</b> | Grid 6 <b>M4</b><br><b>37.9 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>37.1 dBV/m</b>  | Grid 8 <b>M4</b><br><b>37.59 dBV/m</b> | Grid 9 <b>M4</b><br><b>37.36 dBV/m</b> |

**Cursor:**

Total = 37.90 dBV/m

E Category: M4

Location: -9.5, 5, 8.7 mm



## HAC-RF Emission

Communication System: GPRS-FDD (TDMA, GMSK 1 slot) ; Frequency: 848.8 MHz; Duty Cycle: 1:18.281

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**GSM850/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 = 61.92 V/m; Power Drift = -0.08 dB

Applied MIF = 3.79 dB

RF audio interference level = 37.19 dBV/m

**Emission category: M4**

MIF scaled E-field

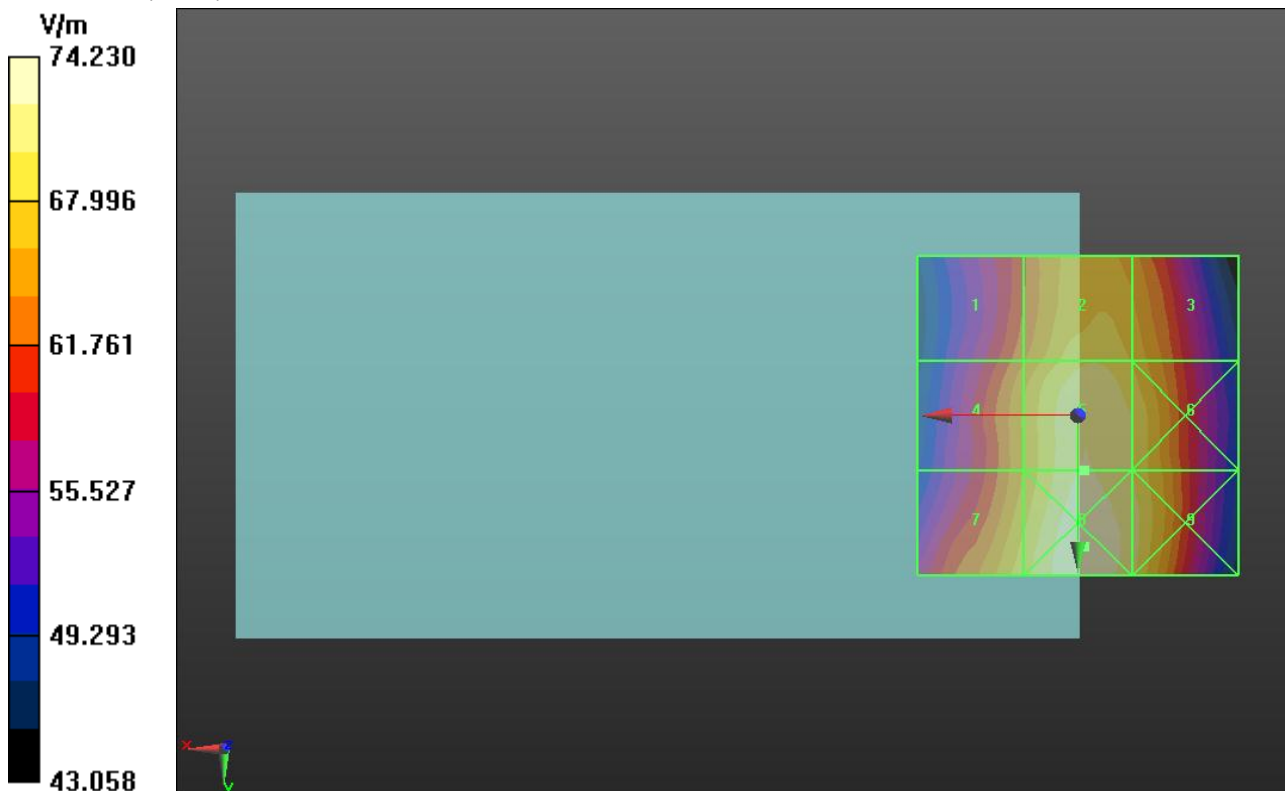
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>36.08 dBV/m</b> | Grid 2 <b>M4</b><br><b>36.9 dBV/m</b>  | Grid 3 <b>M4</b><br><b>36.63 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>36.42 dBV/m</b> | Grid 5 <b>M4</b><br><b>37.19 dBV/m</b> | Grid 6 <b>M4</b><br><b>36.93 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>36.82 dBV/m</b> | Grid 8 <b>M4</b><br><b>37.41 dBV/m</b> | Grid 9 <b>M4</b><br><b>37.03 dBV/m</b> |

**Cursor:**

Total = 37.41 dBV/m

E Category: M4

Location: -1, 20.5, 8.7 mm



## HAC-RF Emission

Communication System: GPRS-FDD (TDMA, GMSK 1 slot) (RF Emission only); Frequency: 1850.2 MHz; Duty Cycle: 1:8.70964

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### GSM1900/Voice\_ch 512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.250 V/m; Power Drift = 0.07 dB

Applied MIF = 3.60 dB

RF audio interference level = 25.95 dBV/m

**Emission category: M4**

MIF scaled E-field

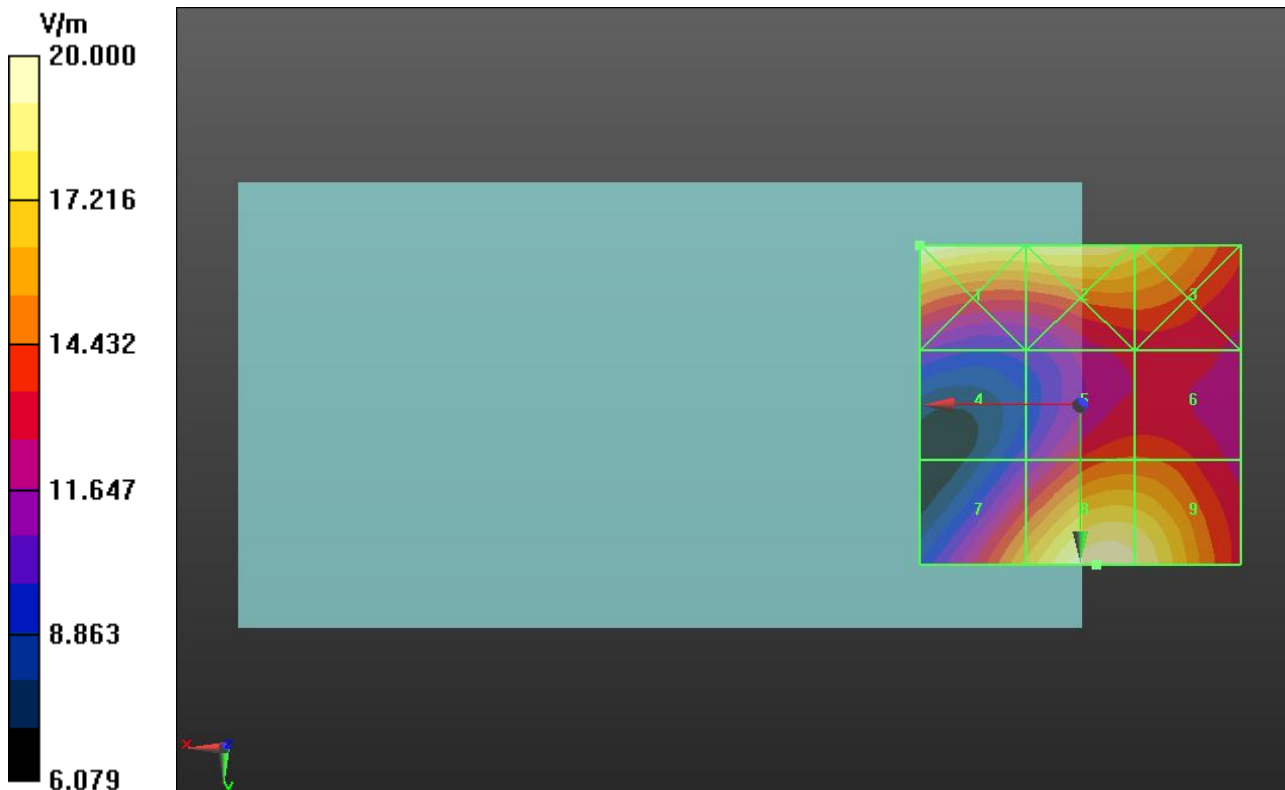
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>26.02 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.58 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.12 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>20.77 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.28 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.28 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.38 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.95 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.7 dBV/m</b>  |

**Cursor:**

Total = 26.02 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



## HAC-RF Emission

Communication System: GPRS-FDD (TDMA, GMSK 1 slot) (RF Emission only); Frequency: 1880 MHz; Duty Cycle: 1:8.70964

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### GSM1900/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 = 8.173 V/m; Power Drift = -0.16 dB

Applied MIF = 3.60 dB

RF audio interference level = 25.77 dBV/m

**Emission category: M4**

MIF scaled E-field

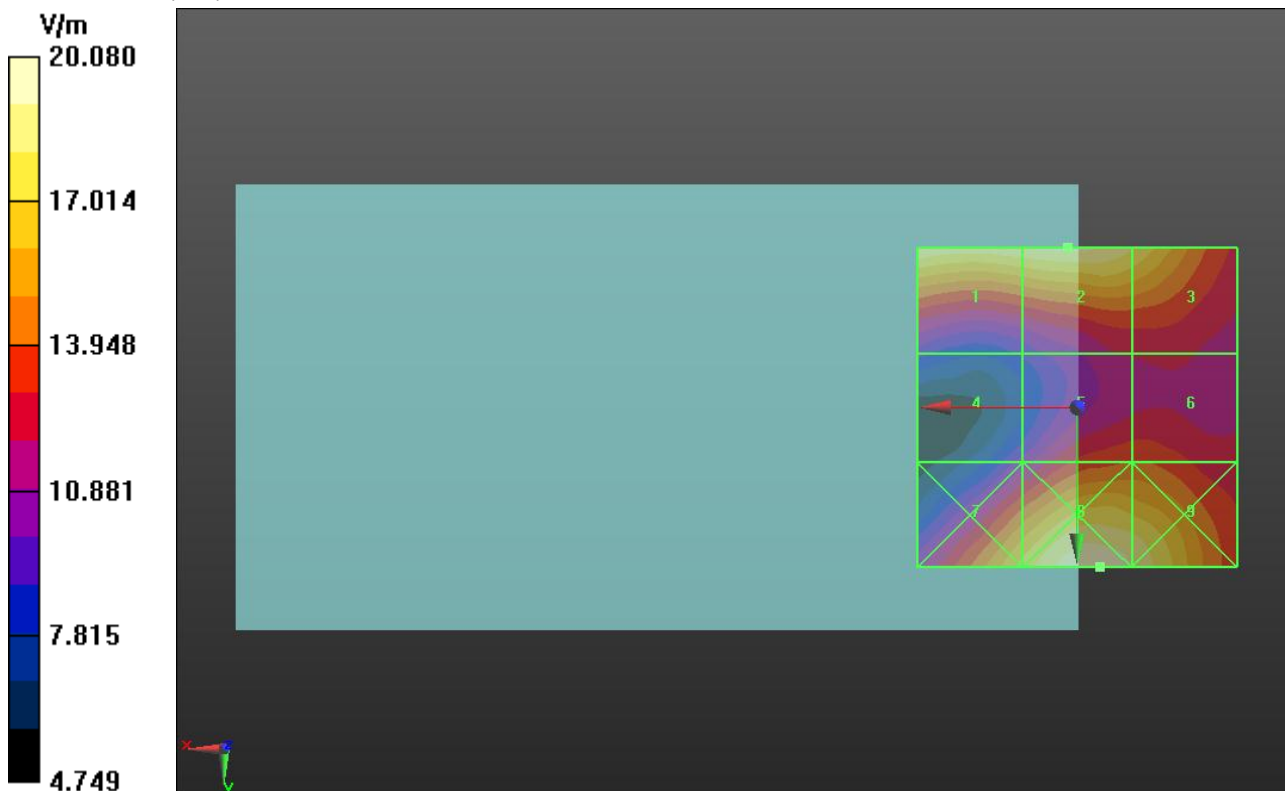
|                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|
| Grid 1 <b>M4</b><br>25.72 dBV/m | Grid 2 <b>M4</b><br>25.77 dBV/m | Grid 3 <b>M4</b><br>25.19 dBV/m |
| Grid 4 <b>M4</b><br>20.32 dBV/m | Grid 5 <b>M4</b><br>22.93 dBV/m | Grid 6 <b>M4</b><br>22.94 dBV/m |
| Grid 7 <b>M4</b><br>24.83 dBV/m | Grid 8 <b>M4</b><br>26.05 dBV/m | Grid 9 <b>M4</b><br>25.6 dBV/m  |

**Cursor:**

Total = 26.05 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



## HAC-RF Emission

Communication System: GPRS-FDD (TDMA, GMSK 1 slot) (RF Emission only); Frequency: 1909.8 MHz; Duty Cycle: 1:8.70964

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### GSM1900/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 = 9.533 V/m; Power Drift = -0.26 dB

Applied MIF = 3.60 dB

RF audio interference level = 25.78 dBV/m

**Emission category: M4**

MIF scaled E-field

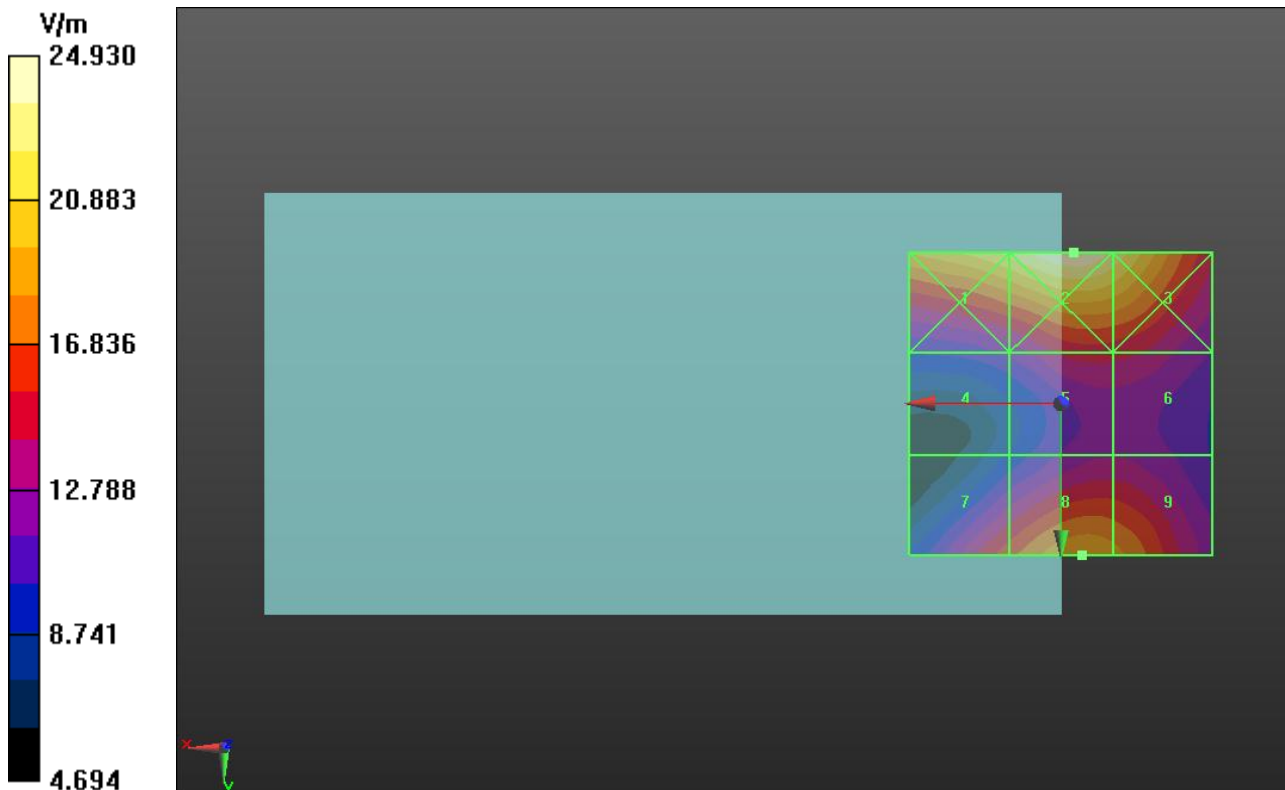
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.17 dBV/m</b> | Grid 2 <b>M4</b><br><b>27.93 dBV/m</b> | Grid 3 <b>M4</b><br><b>27.4 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>21.56 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.5 dBV/m</b>  | Grid 6 <b>M4</b><br><b>23.4 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>24.33 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.78 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.48 dBV/m</b> |

**Cursor:**

Total = 27.93 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band V/R99\_ch 4132/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 = 71.34 V/m; Power Drift = -0.10 dB

Applied MIF = -20.49 dB

RF audio interference level = 14.57 dBV/m

**Emission category: M4**

MIF scaled E-field

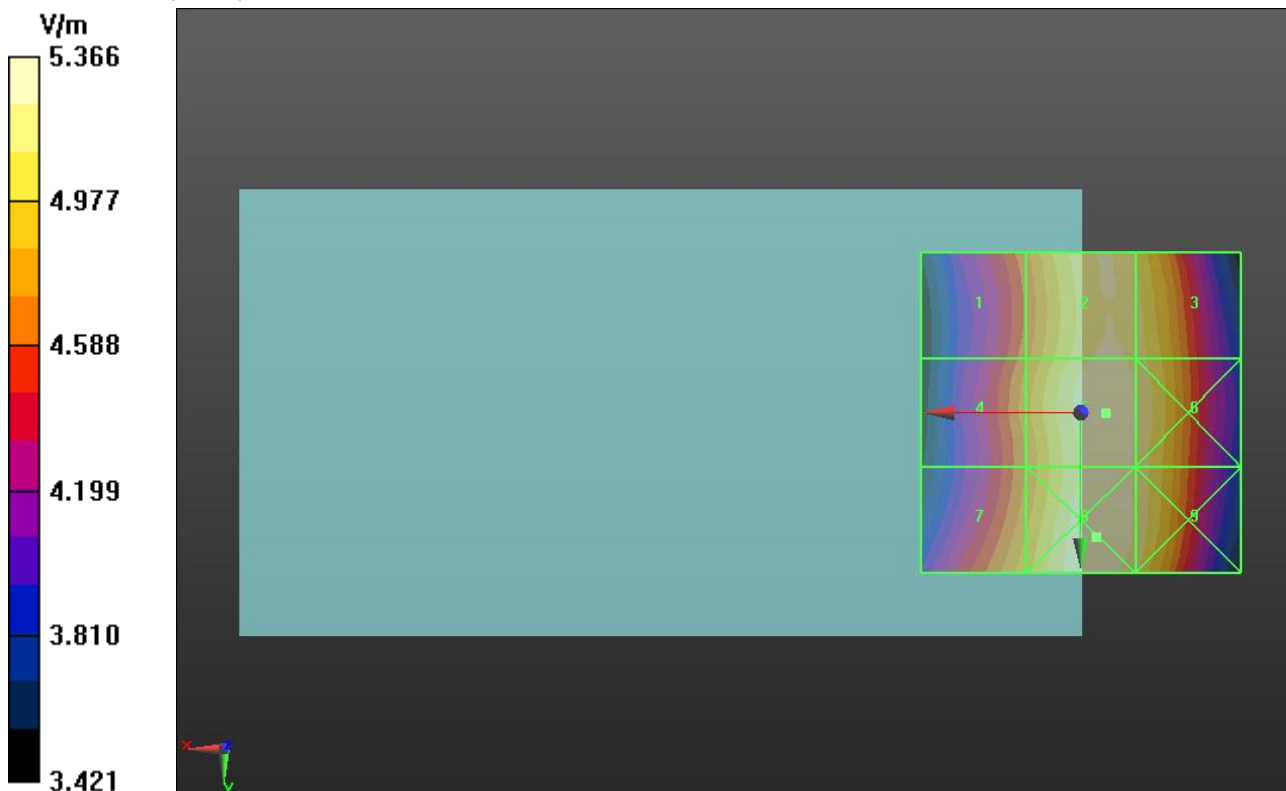
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>13.46 dBV/m</b> | Grid 2 <b>M4</b><br><b>14.44 dBV/m</b> | Grid 3 <b>M4</b><br><b>14.31 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>13.64 dBV/m</b> | Grid 5 <b>M4</b><br><b>14.57 dBV/m</b> | Grid 6 <b>M4</b><br><b>14.41 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>13.88 dBV/m</b> | Grid 8 <b>M4</b><br><b>14.59 dBV/m</b> | Grid 9 <b>M4</b><br><b>14.36 dBV/m</b> |

**Cursor:**

Total = 14.59 dBV/m

E Category: M4

Location: -2.5, 19.5, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band V/R99\_ch 4183/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 = 71.58 V/m; Power Drift = -0.03 dB

Applied MIF = -20.49 dB

RF audio interference level = 14.62 dBV/m

**Emission category: M4**

MIF scaled E-field

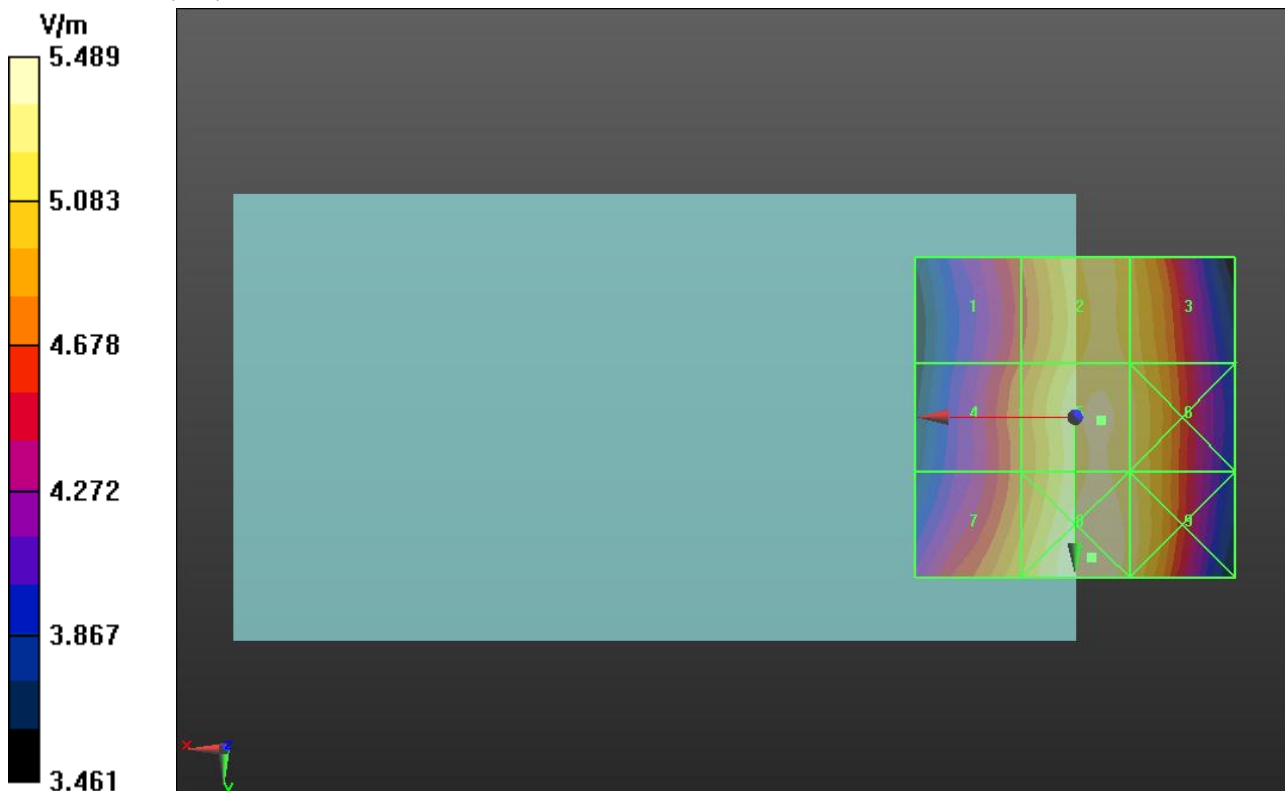
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>13.44 dBV/m</b> | Grid 2 <b>M4</b><br><b>14.46 dBV/m</b> | Grid 3 <b>M4</b><br><b>14.31 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>13.69 dBV/m</b> | Grid 5 <b>M4</b><br><b>14.62 dBV/m</b> | Grid 6 <b>M4</b><br><b>14.44 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>14.12 dBV/m</b> | Grid 8 <b>M4</b><br><b>14.79 dBV/m</b> | Grid 9 <b>M4</b><br><b>14.52 dBV/m</b> |

**Cursor:**

Total = 14.79 dBV/m

E Category: M4

Location: -2.5, 22, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band V/R99\_ch 4233/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 = 63.77 V/m; Power Drift = -0.11 dB

Applied MIF = -20.49 dB

RF audio interference level = 13.50 dBV/m

**Emission category: M4**

MIF scaled E-field

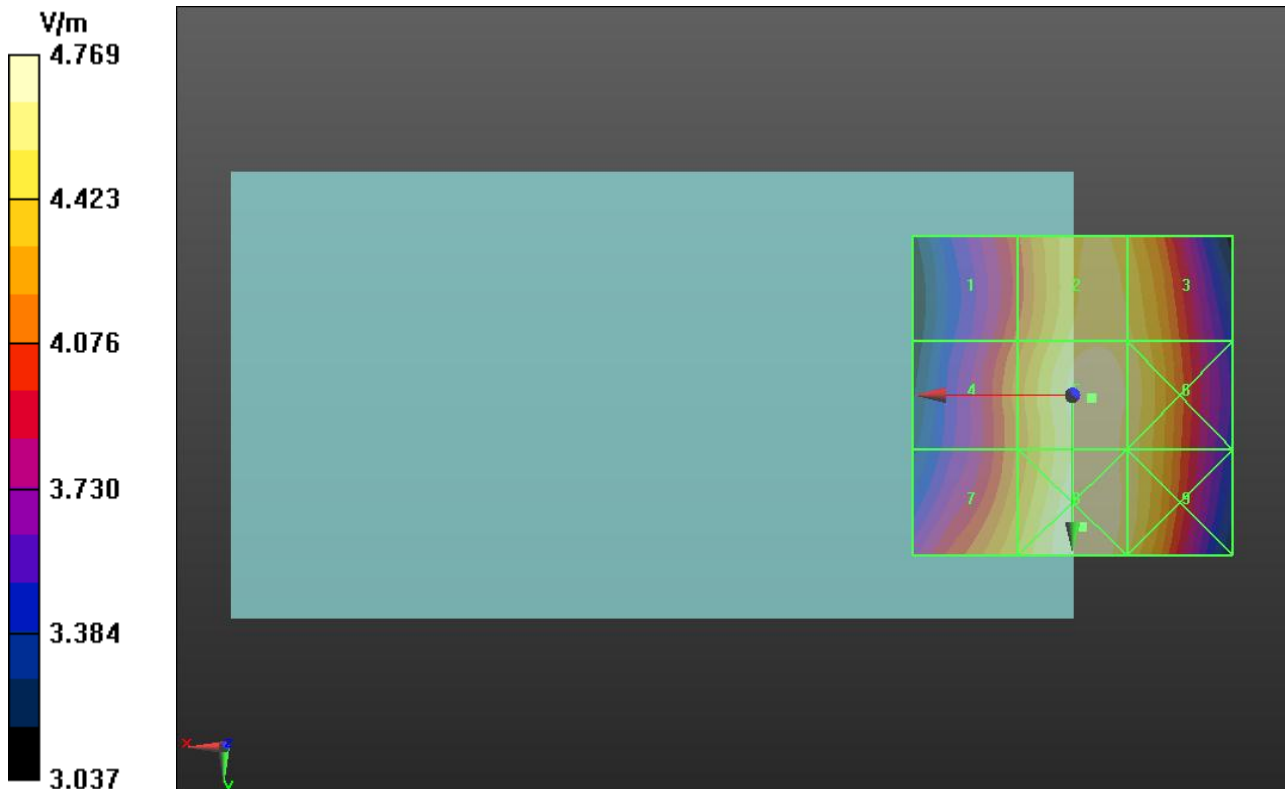
|                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|
| Grid 1 <b>M4</b><br>12.31 dBV/m | Grid 2 <b>M4</b><br>13.33 dBV/m | Grid 3 <b>M4</b><br>13.21 dBV/m |
| Grid 4 <b>M4</b><br>12.58 dBV/m | Grid 5 <b>M4</b><br>13.5 dBV/m  | Grid 6 <b>M4</b><br>13.34 dBV/m |
| Grid 7 <b>M4</b><br>12.95 dBV/m | Grid 8 <b>M4</b><br>13.57 dBV/m | Grid 9 <b>M4</b><br>13.3 dBV/m  |

**Cursor:**

Total = 13.57 dBV/m

E Category: M4

Location: -1.5, 20.5, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band II/R99\_ch 9262/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 = 14.26 V/m; Power Drift = -0.04 dB

Applied MIF = -20.49 dB

RF audio interference level = 5.36 dBV/m

**Emission category: M4**

MIF scaled E-field

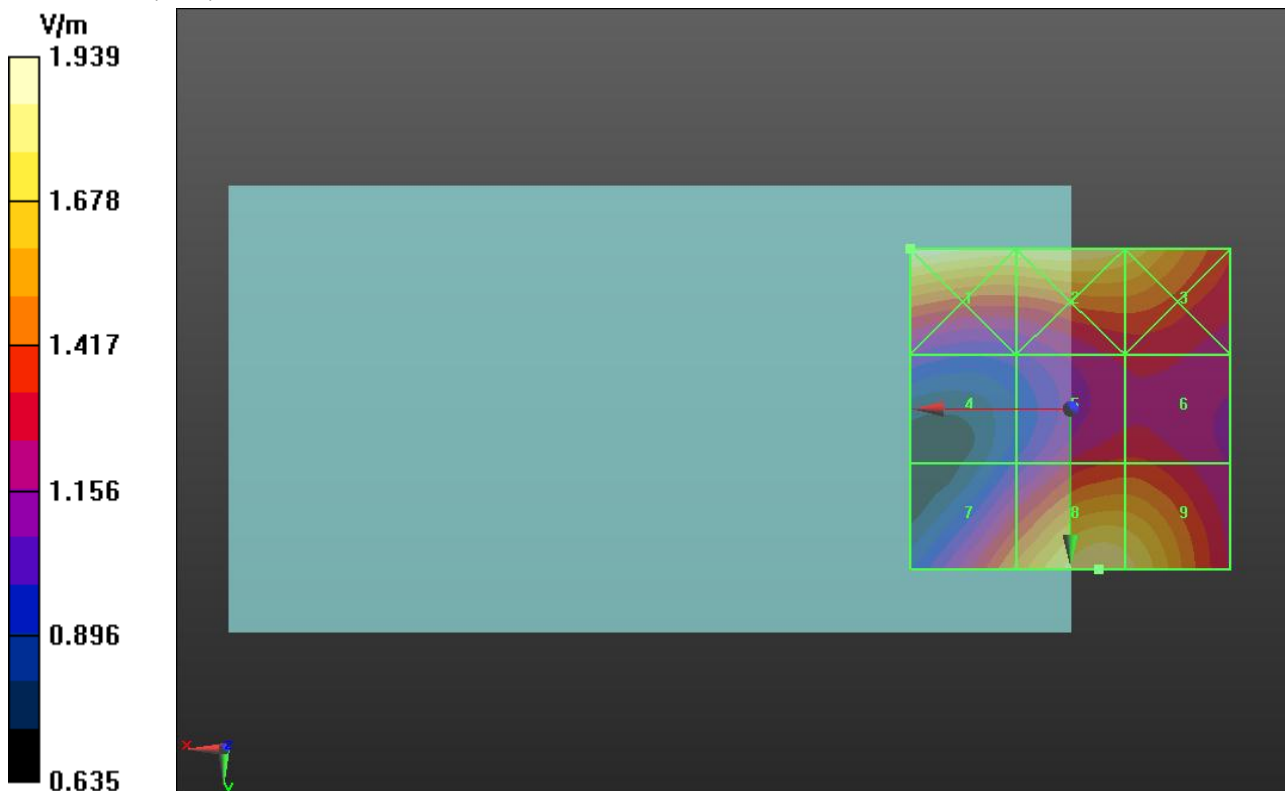
|                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Grid 1 <b>M4</b><br><b>5.75 dBV/m</b> | Grid 2 <b>M4</b><br><b>5.42 dBV/m</b> | Grid 3 <b>M4</b><br><b>4.96 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>0.63 dBV/m</b> | Grid 5 <b>M4</b><br><b>2.66 dBV/m</b> | Grid 6 <b>M4</b><br><b>2.67 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>3.72 dBV/m</b> | Grid 8 <b>M4</b><br><b>5.36 dBV/m</b> | Grid 9 <b>M4</b><br><b>5.14 dBV/m</b> |

**Cursor:**

Total = 5.75 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band II/R99\_ch 9400/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 = 12.83 V/m; Power Drift = 0.10 dB

Applied MIF = -20.49 dB

RF audio interference level = 5.87 dBV/m

**Emission category: M4**

MIF scaled E-field

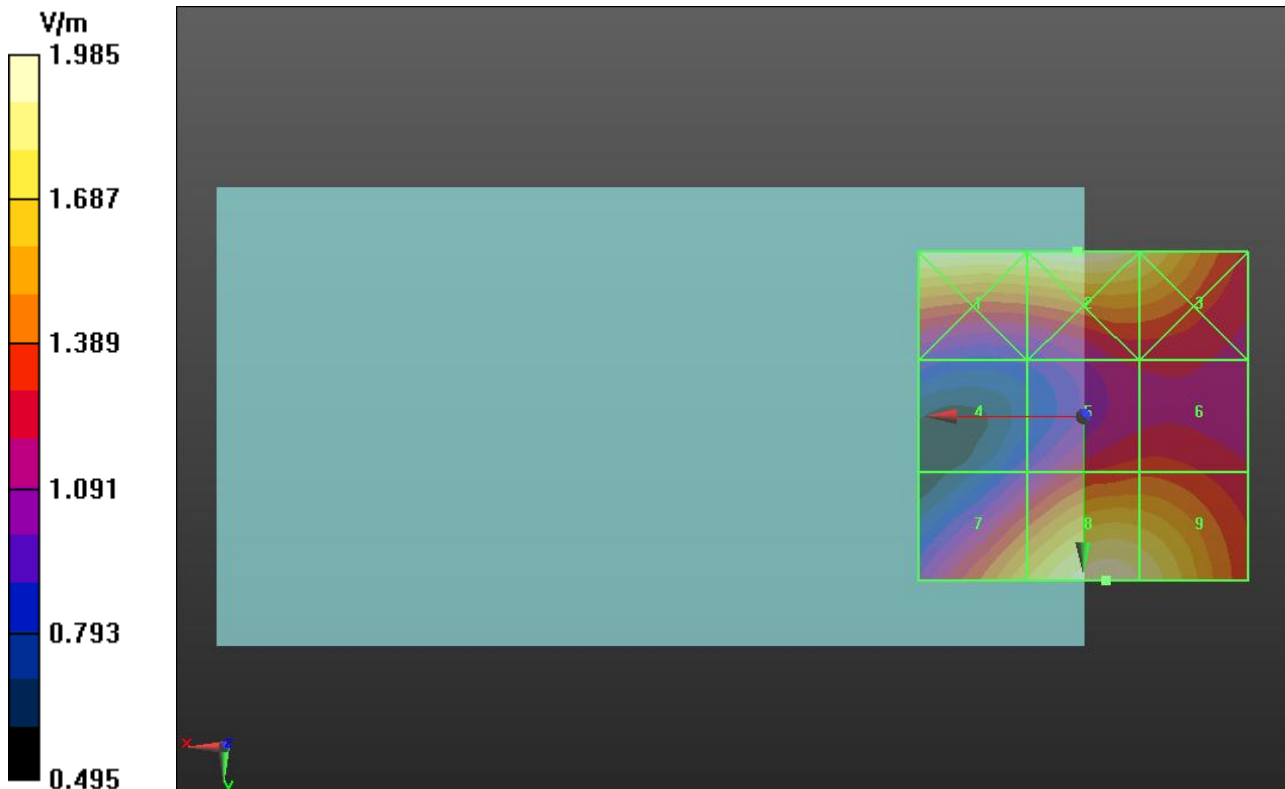
|                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Grid 1 <b>M4</b><br><b>5.85 dBV/m</b> | Grid 2 <b>M4</b><br><b>5.96 dBV/m</b> | Grid 3 <b>M4</b><br><b>5.37 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>0.06 dBV/m</b> | Grid 5 <b>M4</b><br><b>2.7 dBV/m</b>  | Grid 6 <b>M4</b><br><b>2.72 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>4.6 dBV/m</b>  | Grid 8 <b>M4</b><br><b>5.87 dBV/m</b> | Grid 9 <b>M4</b><br><b>5.53 dBV/m</b> |

**Cursor:**

Total = 5.96 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band II/R99\_ch 9538/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 = 15.27 V/m; Power Drift = -0.14 dB

Applied MIF = -20.49 dB

RF audio interference level = 5.86 dBV/m

**Emission category: M4**

MIF scaled E-field

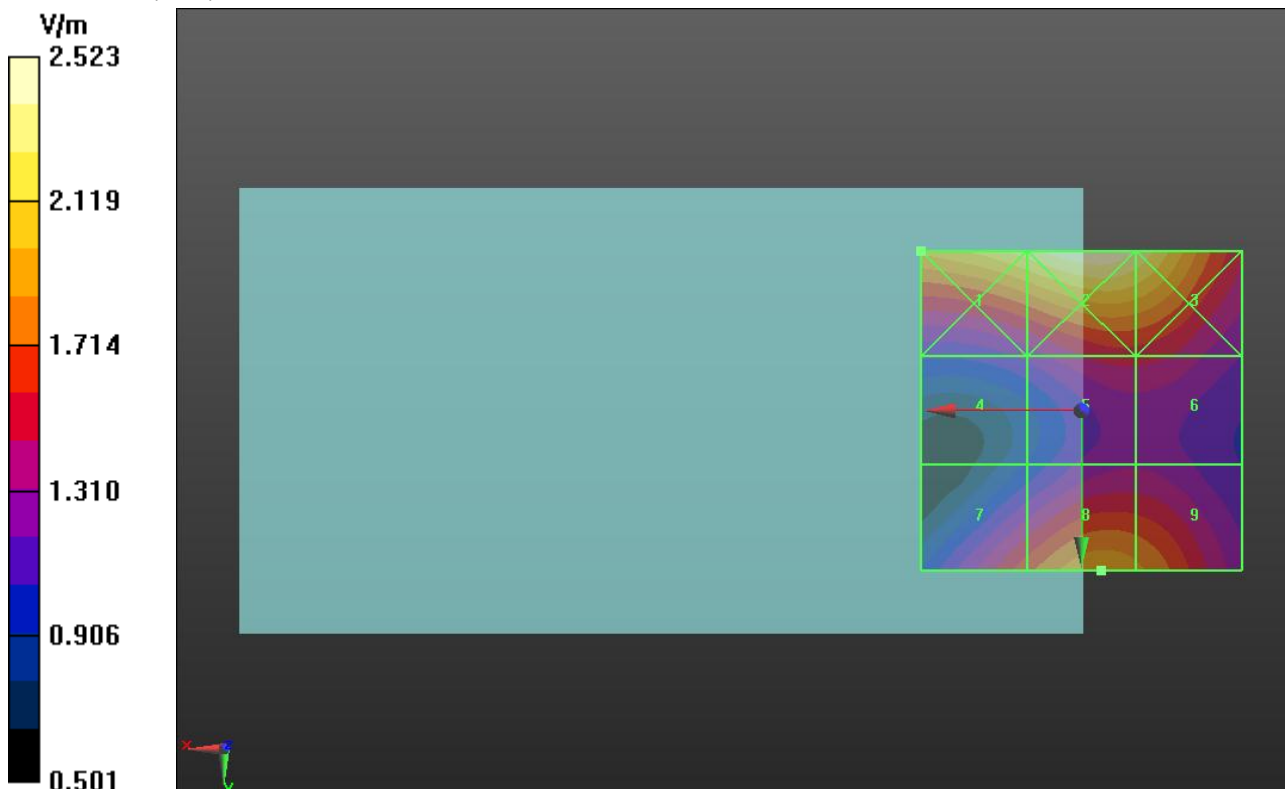
|                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Grid 1 <b>M4</b><br><b>7.37 dBV/m</b> | Grid 2 <b>M4</b><br><b>8.04 dBV/m</b> | Grid 3 <b>M4</b><br><b>7.56 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>1.75 dBV/m</b> | Grid 5 <b>M4</b><br><b>3.63 dBV/m</b> | Grid 6 <b>M4</b><br><b>3.59 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>4.49 dBV/m</b> | Grid 8 <b>M4</b><br><b>5.86 dBV/m</b> | Grid 9 <b>M4</b><br><b>5.53 dBV/m</b> |

**Cursor:**

Total = 6.10 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band IV/R99\_ch 1312/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 = 17.07 V/m; Power Drift = -0.05 dB

Applied MIF = -20.49 dB

RF audio interference level = 6.71 dBV/m

**Emission category: M4**

MIF scaled E-field

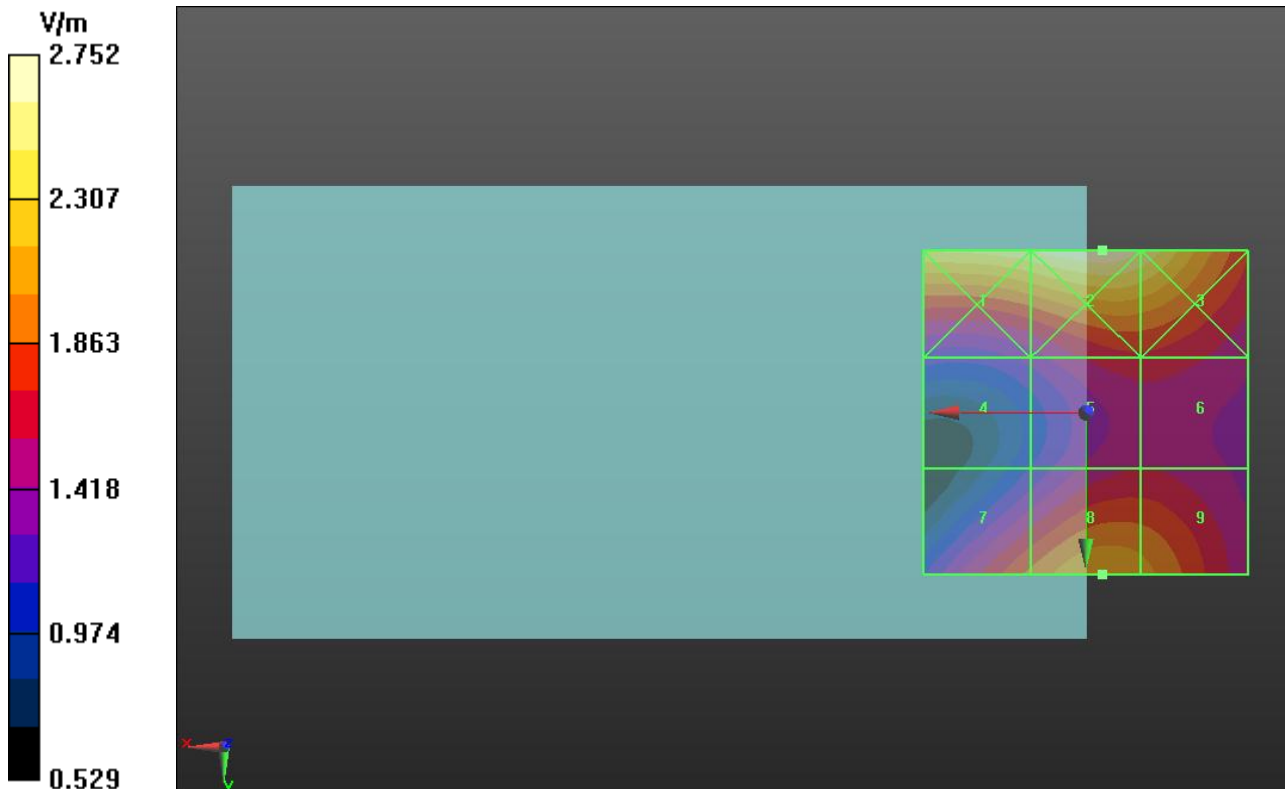
|                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Grid 1 <b>M4</b><br><b>8.32 dBV/m</b> | Grid 2 <b>M4</b><br><b>8.79 dBV/m</b> | Grid 3 <b>M4</b><br><b>8.32 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>2.61 dBV/m</b> | Grid 5 <b>M4</b><br><b>4.52 dBV/m</b> | Grid 6 <b>M4</b><br><b>4.52 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>5.65 dBV/m</b> | Grid 8 <b>M4</b><br><b>6.71 dBV/m</b> | Grid 9 <b>M4</b><br><b>6.36 dBV/m</b> |

**Cursor:**

Total = 8.79 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 1732.6 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band VI/R99\_ch 1413/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 = 17.47 V/m; Power Drift = -0.07 dB

Applied MIF = -20.49 dB

RF audio interference level = 4.81 dBV/m

**Emission category: M4**

MIF scaled E-field

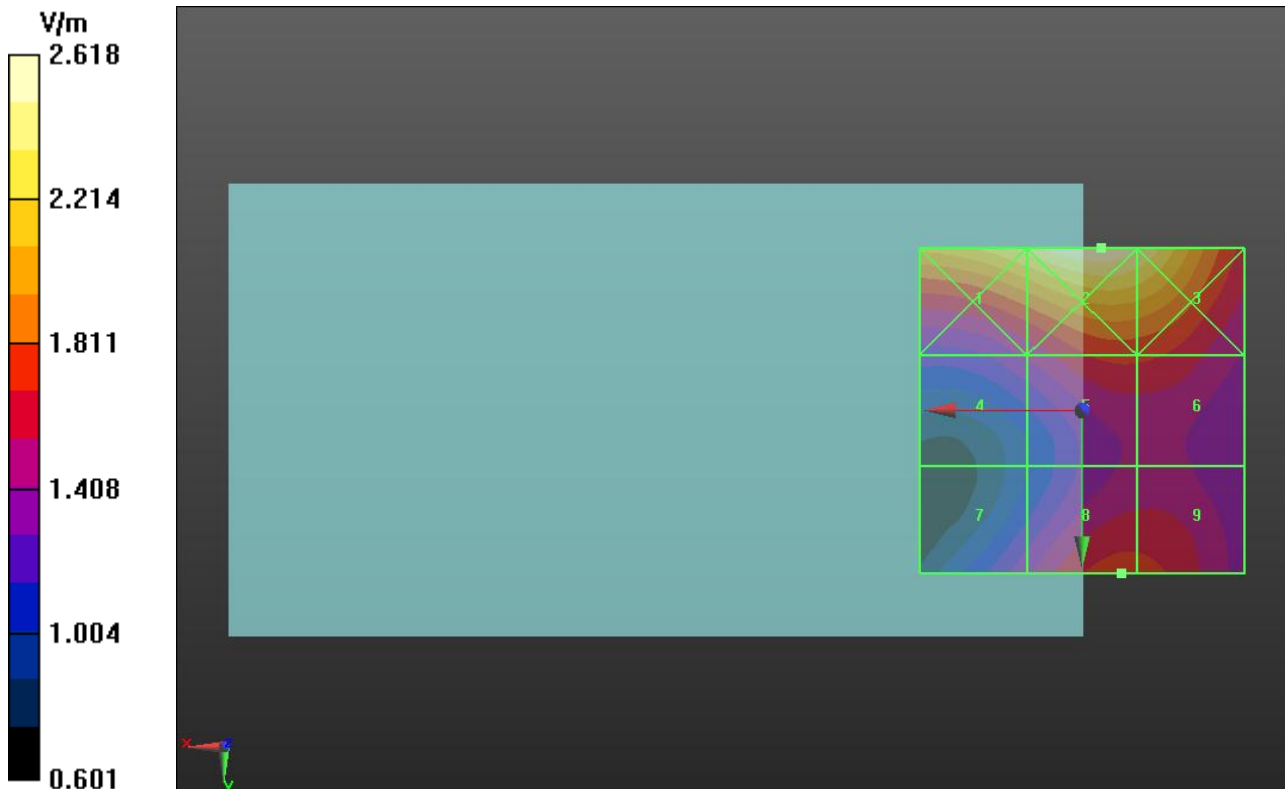
|                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Grid 1 <b>M4</b><br><b>7.66 dBV/m</b> | Grid 2 <b>M4</b><br><b>8.36 dBV/m</b> | Grid 3 <b>M4</b><br><b>7.98 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>3.14 dBV/m</b> | Grid 5 <b>M4</b><br><b>4.74 dBV/m</b> | Grid 6 <b>M4</b><br><b>4.7 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>2.86 dBV/m</b> | Grid 8 <b>M4</b><br><b>4.81 dBV/m</b> | Grid 9 <b>M4</b><br><b>4.75 dBV/m</b> |

**Cursor:**

Total = 8.36 dBV/m

E Category: M4

Location: -3, -25, 8.7 mm



## HAC-RF Emission

Communication System: UMTS-FDD (WCDMA); Frequency: 1752.6 MHz; Duty Cycle: 1:2.18776

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 6/20/2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

### W-CDMA Band VI/R99\_ch 1513/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 = 20.47 V/m; Power Drift = -0.05 dB

Applied MIF = -20.49 dB

RF audio interference level = 5.67 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Grid 1 <b>M4</b><br><b>7.5 dBV/m</b>  | Grid 2 <b>M4</b><br><b>8.57 dBV/m</b> | Grid 3 <b>M4</b><br><b>8.29 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>3.43 dBV/m</b> | Grid 5 <b>M4</b><br><b>5.67 dBV/m</b> | Grid 6 <b>M4</b><br><b>5.67 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>2.38 dBV/m</b> | Grid 8 <b>M4</b><br><b>4.61 dBV/m</b> | Grid 9 <b>M4</b><br><b>4.54 dBV/m</b> |

**Cursor:**

Total = 8.57 dBV/m

E Category: M4

Location: -3.5, -25, 8.7 mm

