

## HAC-RF Emission

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

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 (5);SEMCAD X Version 14.6.8 (7028)

### Dipole E-Field measurement (E-field scan for ANSI C63.19-2007 & -2011 compliance)/E Scan 835MHz d = 15mm/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 = 114.7 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 112.3 V/m

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

PMF scaled E-field

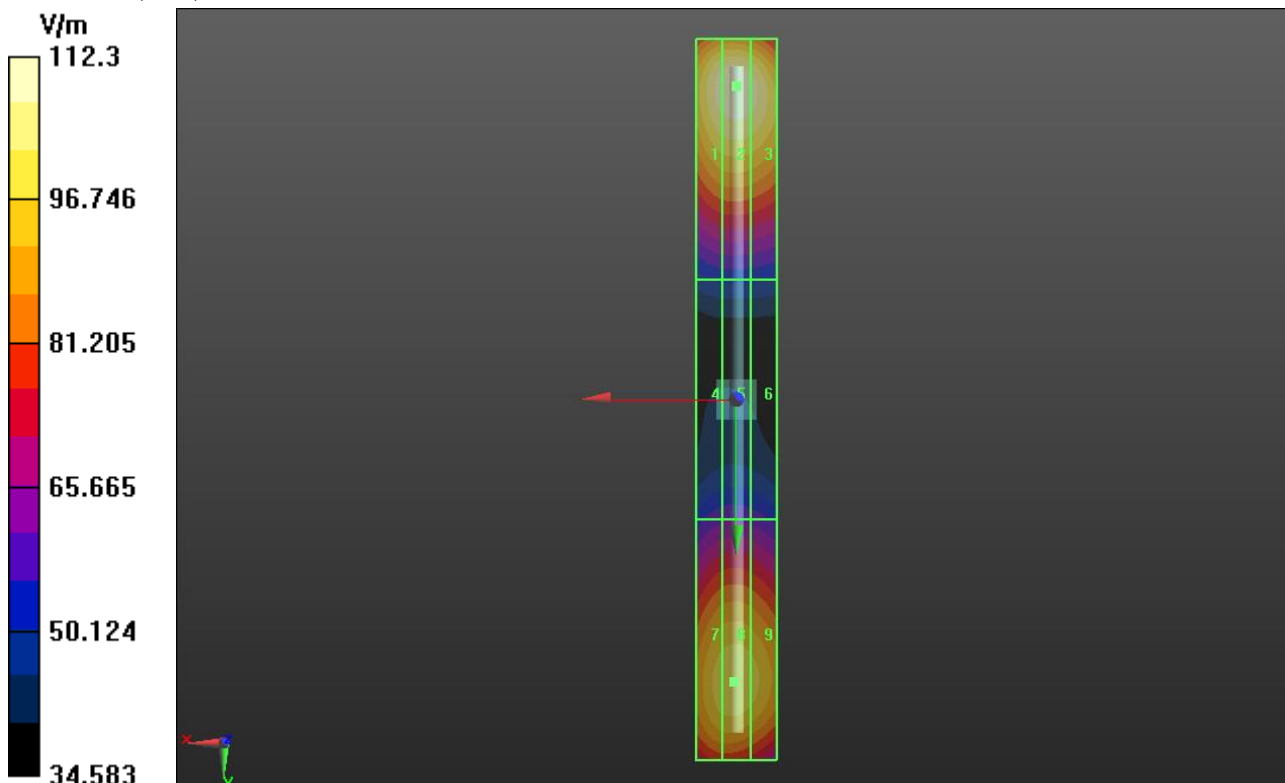
Grid 1 <b>M4</b> <b>110.5 V/m</b>	Grid 2 <b>M4</b> <b>112.3 V/m</b>	Grid 3 <b>M4</b> <b>109.7 V/m</b>
Grid 4 <b>M4</b> <b>59.76 V/m</b>	Grid 5 <b>M4</b> <b>60.36 V/m</b>	Grid 6 <b>M4</b> <b>59.28 V/m</b>
Grid 7 <b>M4</b> <b>100.3 V/m</b>	Grid 8 <b>M4</b> <b>101.4 V/m</b>	Grid 9 <b>M4</b> <b>99.44 V/m</b>

**Cursor:**

Total = 112.3 V/m

E Category: M4

Location: 0, -78, 9.7 mm



## HAC-RF Emission

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

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 (5); SEMCAD X Version 14.6.8 (7028)

### Dipole E-Field measurement (E-field scan for ANSI C63.19-2007 & -2011 compliance)/E Scan 1880MHz d = 15mm/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 = 141.6 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.86 V/m

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

PMF scaled E-field

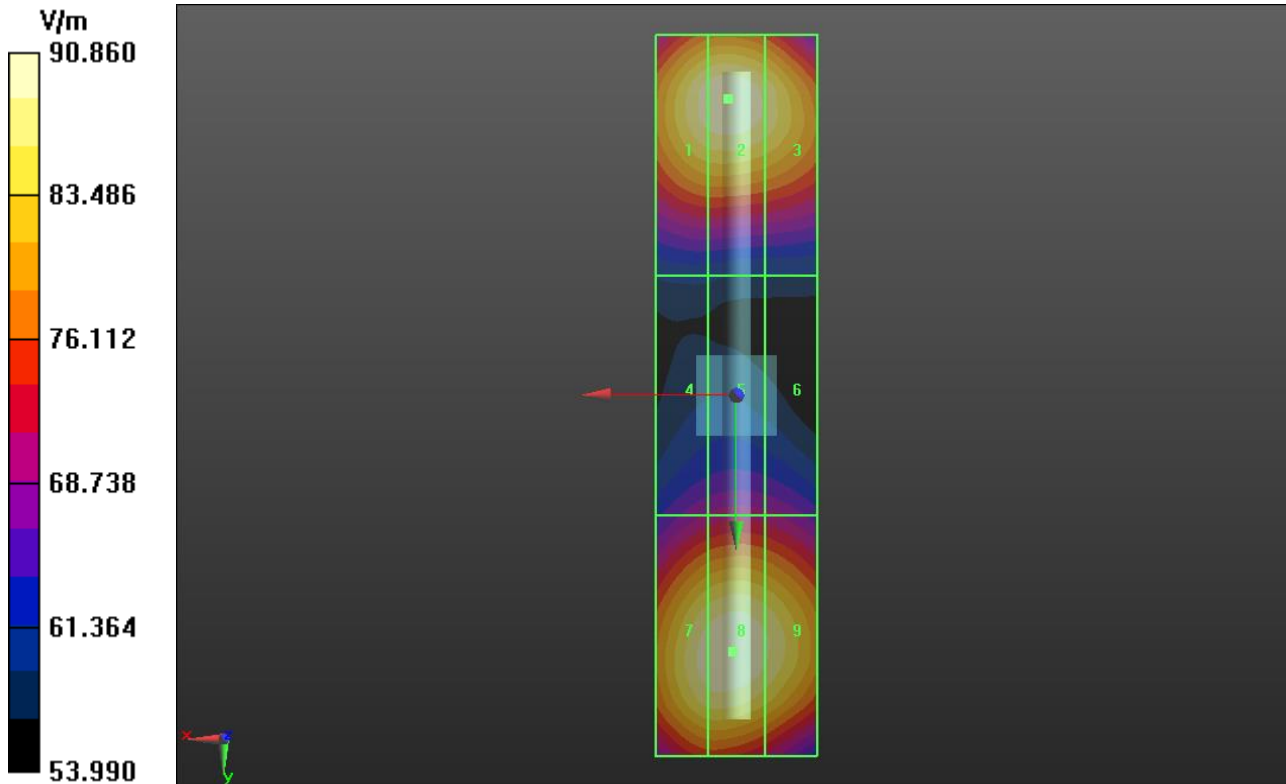
Grid 1 <b>M3</b> <b>89.87 V/m</b>	Grid 2 <b>M3</b> <b>90.72 V/m</b>	Grid 3 <b>M3</b> <b>88.18 V/m</b>
Grid 4 <b>M3</b> <b>69.44 V/m</b>	Grid 5 <b>M3</b> <b>70.59 V/m</b>	Grid 6 <b>M3</b> <b>69.94 V/m</b>
Grid 7 <b>M3</b> <b>90.02 V/m</b>	Grid 8 <b>M3</b> <b>90.86 V/m</b>	Grid 9 <b>M3</b> <b>88.95 V/m</b>

**Cursor:**

Total = 90.86 V/m

E Category: M3

Location: 0.5, 32, 9.7 mm



## HAC-RF Emission

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

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 (5); SEMCAD X Version 14.6.8 (7028)

### Dipole E-Field measurement (E-field scan for ANSI C63.19-2007 & -2011 compliance)/E Scan 1730MHz d = 15mm/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 = 158.4 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 100.5 V/m

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

PMF scaled E-field

Grid 1 <b>M3</b> <b>96.21 V/m</b>	Grid 2 <b>M3</b> <b>97.35 V/m</b>	Grid 3 <b>M3</b> <b>95.05 V/m</b>
Grid 4 <b>M3</b> <b>76.38 V/m</b>	Grid 5 <b>M3</b> <b>77.67 V/m</b>	Grid 6 <b>M3</b> <b>76.42 V/m</b>
Grid 7 <b>M3</b> <b>99.47 V/m</b>	Grid 8 <b>M3</b> <b>100.5 V/m</b>	Grid 9 <b>M3</b> <b>98.01 V/m</b>

**Cursor:**

Total = 100.5 V/m

E Category: M3

Location: 0.5, 31.5, 9.7 mm

