

**HAC\_E\_Dipole\_835\_130415**

**DUT: HAC-Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$   
 Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**E Scan - measurement distance from the probe sensor center to CD835 =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 = 114.0 V/m; Power Drift = -0.08 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 116.6 V/m

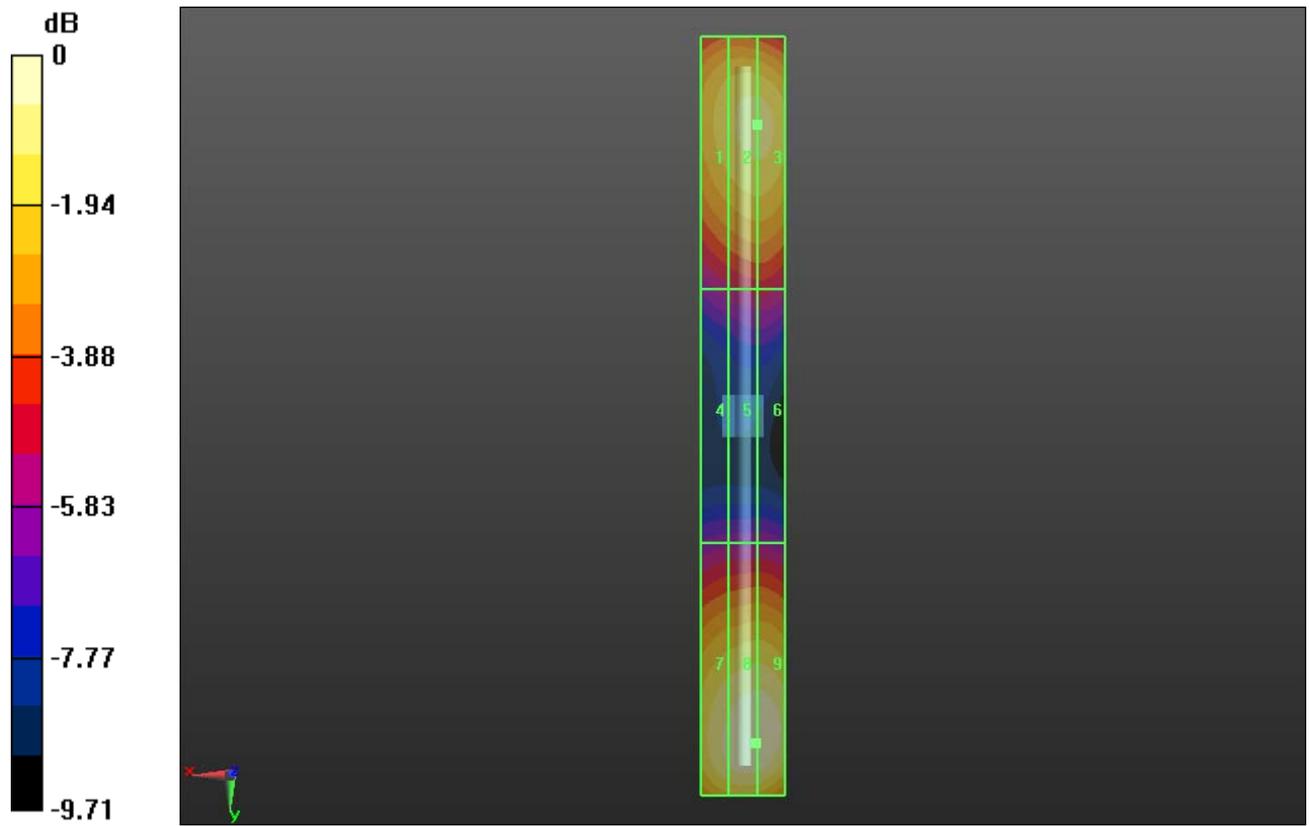
**Average value of Total=(103.8+116.6) /2 = 110.2 V/m)**

PMF scaled E-field

<b>Grid 1 M4</b> <b>98.74 V/m</b>	<b>Grid 2 M4</b> <b>103.8 V/m</b>	<b>Grid 3 M4</b> <b>103.8 V/m</b>
<b>Grid 4 M4</b> <b>62.67 V/m</b>	<b>Grid 5 M4</b> <b>66.51 V/m</b>	<b>Grid 6 M4</b> <b>66.55 V/m</b>
<b>Grid 7 M4</b> <b>110.6 V/m</b>	<b>Grid 8 M4</b> <b>116.6 V/m</b>	<b>Grid 9 M4</b> <b>116.6 V/m</b>

**Cursor:**

Total = 116.6 V/m  
 E Category: M4  
 Location: -3, 77.5, 9.7 mm



0 dB = 116.6 V/m = 41.33 dBV/m

**HAC\_E\_Dipole\_1880\_130415**

**DUT: HAC Dipole 1880 MHz**

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

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**E Scan - measurement distance from the probe sensor center to CD1880 =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 = 156.4 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.07 V/m

**Average value of Total=(94.07+91.09) /2 = 92.58 V/m)**

PMF scaled E-field

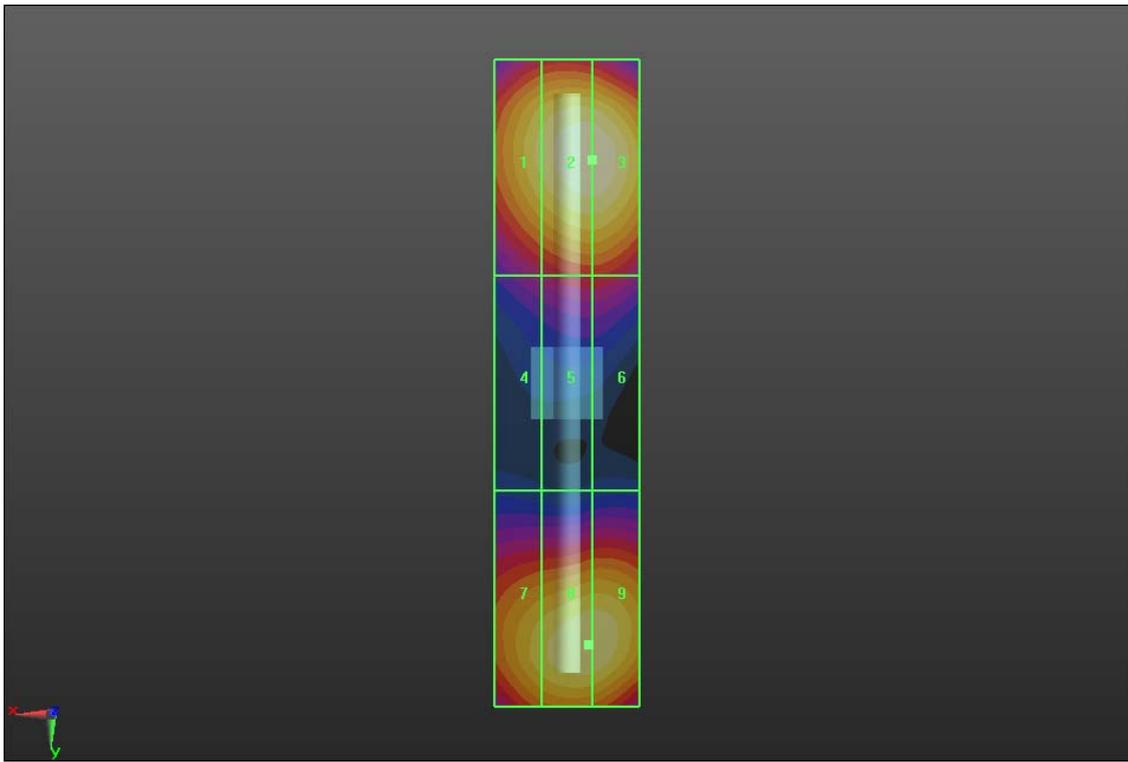
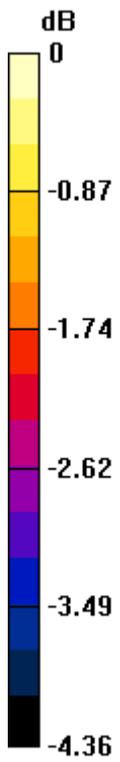
<b>Grid 1 M3</b> <b>89.19 V/m</b>	<b>Grid 2 M3</b> <b>94.07 V/m</b>	<b>Grid 3 M3</b> <b>94.07 V/m</b>
<b>Grid 4 M3</b> <b>71.31 V/m</b>	<b>Grid 5 M3</b> <b>74.89 V/m</b>	<b>Grid 6 M3</b> <b>74.89 V/m</b>
<b>Grid 7 M3</b> <b>87.23 V/m</b>	<b>Grid 8 M3</b> <b>91.09 V/m</b>	<b>Grid 9 M3</b> <b>91.03 V/m</b>

**Cursor:**

Total = 94.07 V/m

E Category: M3

Location: -3.5, -31, 9.7 mm



0 dB = 94.07 V/m = 39.47 dBV/m