

**HAC\_E\_Dipole\_835\_140403**

**DUT: HAC-Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 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 = 115.1 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 114.0 V/m

**Average value of Total=(114+113.5) / 2 = 113.75 V/m**

PMF scaled E-field

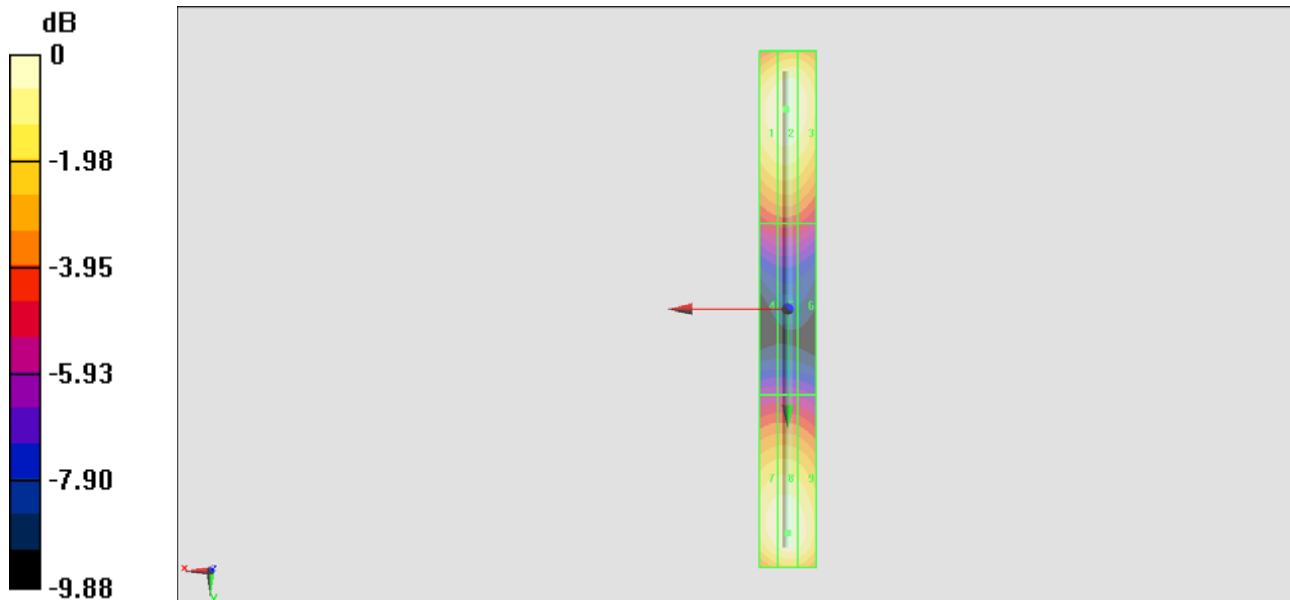
<b>Grid 1 M4</b> <b>112.5 V/m</b>	<b>Grid 2 M4</b> <b>114.0 V/m</b>	<b>Grid 3 M4</b> <b>111.8 V/m</b>
<b>Grid 4 M4</b> <b>69.02 V/m</b>	<b>Grid 5 M4</b> <b>69.58 V/m</b>	<b>Grid 6 M4</b> <b>67.98 V/m</b>
<b>Grid 7 M4</b> <b>111.8 V/m</b>	<b>Grid 8 M4</b> <b>113.5 V/m</b>	<b>Grid 9 M4</b> <b>111.1 V/m</b>

**Cursor:**

Total = 114.0 V/m

E Category: M4

Location: 0.5, -69.5, 9.7 mm



0 dB = 114.0 V/m = 41.14 dBV/m

**HAC\_E\_Dipole\_1880\_140123**

**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2256; ConvF(1, 1, 1); Calibrated: 2013/2/18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1):** Interpolated grid:

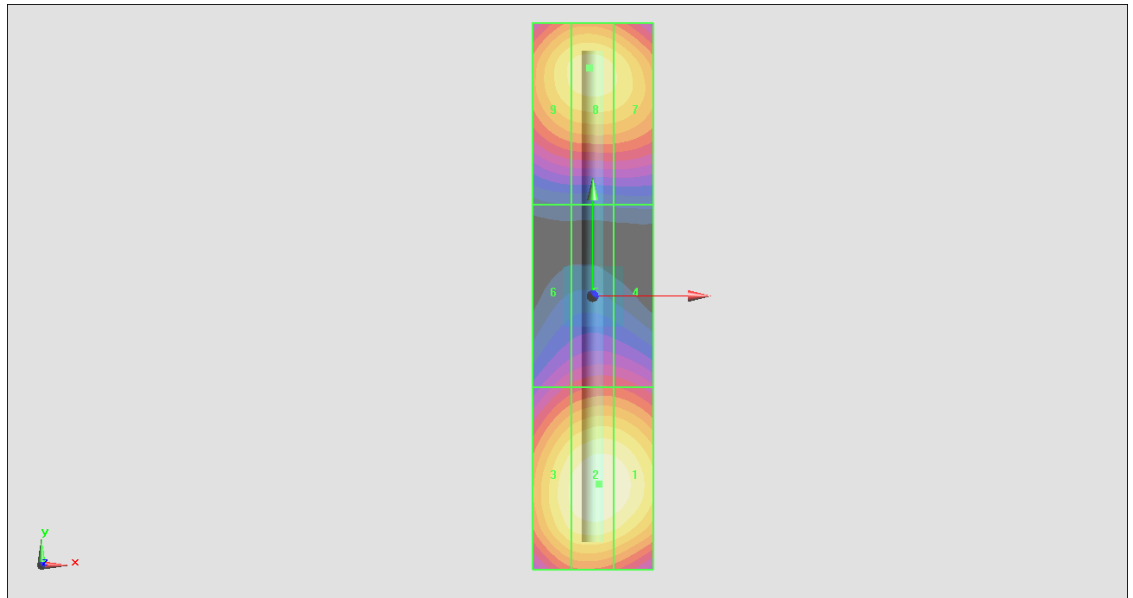
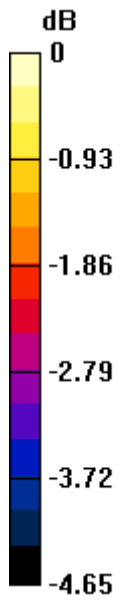
dx=0.5000 mm, dy=0.5000 mm  
 Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 145.5 V/m; Power Drift = 0.01 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 87.72 V/m  
 Average value of Total=(87.72+83.50) / 2 = 85.61 V/m

PMF scaled E-field

<b>Grid 1 M3</b> <b>87.04 V/m</b>	<b>Grid 2 M3</b> <b>87.72 V/m</b>	<b>Grid 3 M3</b> <b>85.27 V/m</b>
<b>Grid 4 M3</b> <b>68.56 V/m</b>	<b>Grid 5 M3</b> <b>68.75 V/m</b>	<b>Grid 6 M3</b> <b>66.93 V/m</b>
<b>Grid 7 M3</b> <b>82.14 V/m</b>	<b>Grid 8 M3</b> <b>83.50 V/m</b>	<b>Grid 9 M3</b> <b>82.49 V/m</b>

**Cursor:**

Total = 87.72 V/m  
 E Category: M3  
 Location: 1, -31, 9.7 mm



0 dB = 87.72 V/m = 38.86 dBV/m