

**HAC\_E\_Dipole\_835\_131004**

**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 : 23.6 °C

**DASY5 Configuration:**

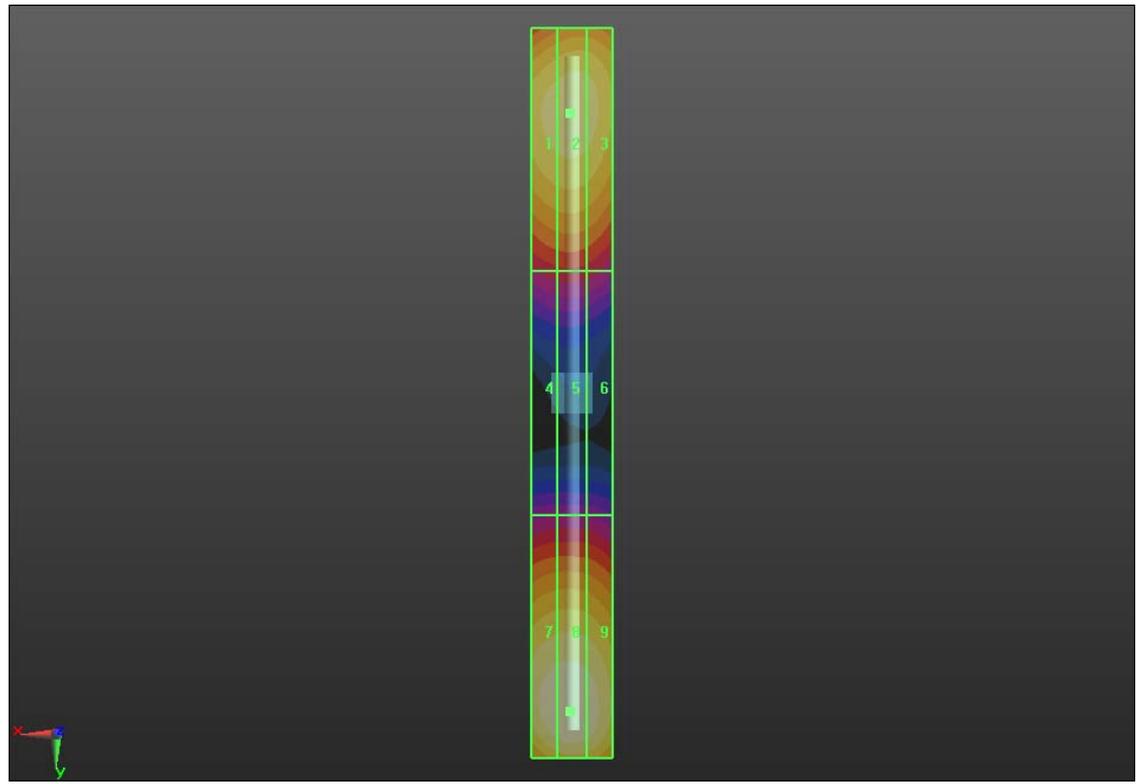
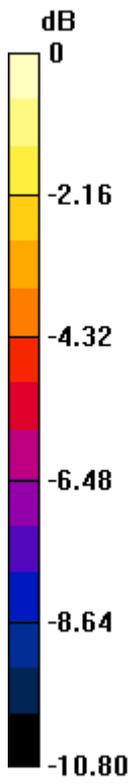
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012.12.12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**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  
 Reference Value = 107.9 V/m; Power Drift = -0.03 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 113.9 V/m  
**Average value of Total=(102.3+113.9)/2=108.1 V/m**

PMF scaled E-field

<b>Grid 1 M4</b> <b>101.1 V/m</b>	<b>Grid 2 M4</b> <b>102.3 V/m</b>	<b>Grid 3 M4</b> <b>100.8 V/m</b>
<b>Grid 4 M4</b> <b>62.30 V/m</b>	<b>Grid 5 M4</b> <b>62.89 V/m</b>	<b>Grid 6 M4</b> <b>61.50 V/m</b>
<b>Grid 7 M4</b> <b>112.2 V/m</b>	<b>Grid 8 M4</b> <b>113.9 V/m</b>	<b>Grid 9 M4</b> <b>111.2 V/m</b>

**Cursor:**  
 Total = 113.9 V/m  
 E Category: M4  
 Location: 0.5, 78.5, 9.7 mm



0 dB = 113.9 V/m = 41.13 dBV/m

**HAC\_E\_Dipole\_1880\_131004**

**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 : 23.6 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012.12.12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); 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:**

$dx=0.5000 \text{ mm}$ ,  $dy=0.5000 \text{ mm}$

Reference Value = 142.6 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+82.8)/2=85.26 V/m**

PMF scaled E-field

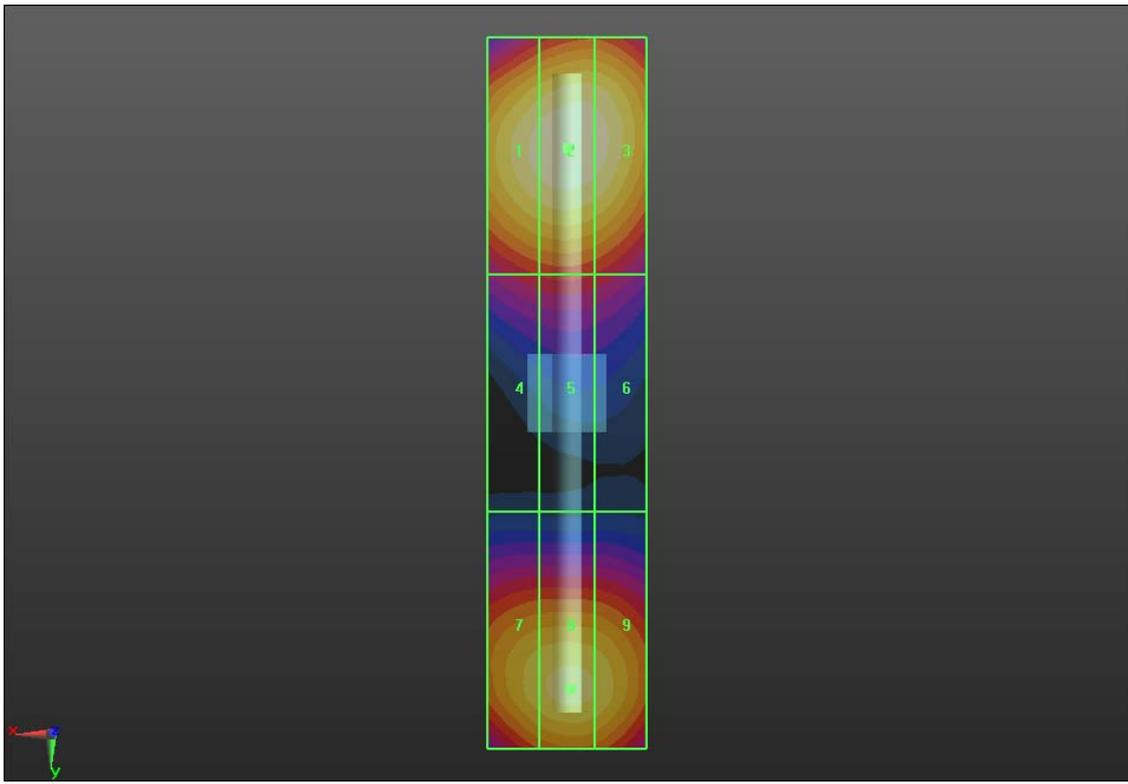
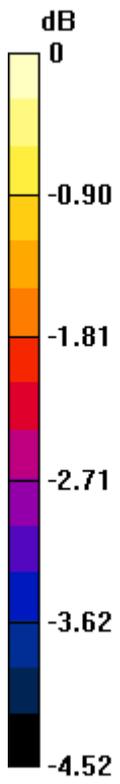
<b>Grid 1 M3</b> <b>85.99 V/m</b>	<b>Grid 2 M3</b> <b>87.72 V/m</b>	<b>Grid 3 M3</b> <b>86.60 V/m</b>
<b>Grid 4 M3</b> <b>69.11 V/m</b>	<b>Grid 5 M3</b> <b>69.88 V/m</b>	<b>Grid 6 M3</b> <b>68.73 V/m</b>
<b>Grid 7 M3</b> <b>81.21 V/m</b>	<b>Grid 8 M3</b> <b>82.80 V/m</b>	<b>Grid 9 M3</b> <b>81.83 V/m</b>

**Cursor:**

Total = 87.72 V/m

E Category: M3

Location: 0, -31, 9.7 mm



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