

### HAC\_E\_Dipole\_835\_150907

#### 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 : 23.3 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**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 = 114.6 V/m; Power Drift = 0.02 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 108.8 V/m  
 Average value of Total=(108.8+99.56) / 2 = 104.18 V/m

PMF scaled E-field

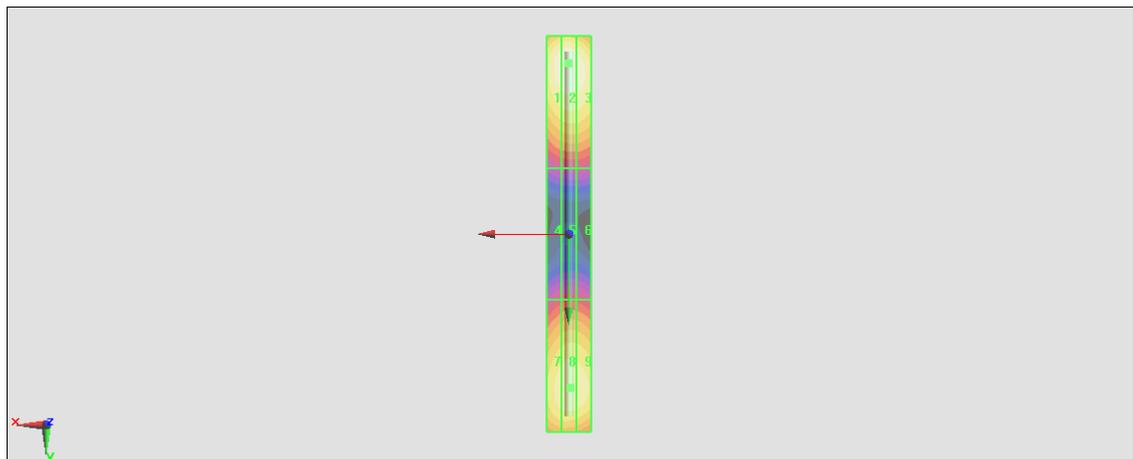
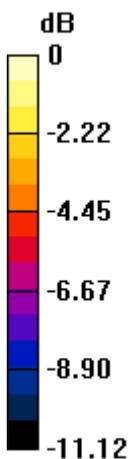
<b>Grid 1 M4</b> <b>106.5 V/m</b>	<b>Grid 2 M4</b> <b>108.8 V/m</b>	<b>Grid 3 M4</b> <b>106.4 V/m</b>
<b>Grid 4 M4</b> <b>57.67 V/m</b>	<b>Grid 5 M4</b> <b>59.39 V/m</b>	<b>Grid 6 M4</b> <b>58.71 V/m</b>
<b>Grid 7 M4</b> <b>97.14 V/m</b>	<b>Grid 8 M4</b> <b>99.56 V/m</b>	<b>Grid 9 M4</b> <b>98.06 V/m</b>

**Cursor:**

Total = 108.8 V/m

E Category: M4

Location: 0, -77.5, 9.7 mm



0 dB = 108.8 V/m = 40.73 dBV/m

## HAC\_E\_Dipole\_1880\_150907

### 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 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**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 = 137.0 V/m; Power Drift = 0.00 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 89.07 V/m  
 Average value of Total=(86.5+89.07) / 2 = 87.785 V/m

PMF scaled E-field

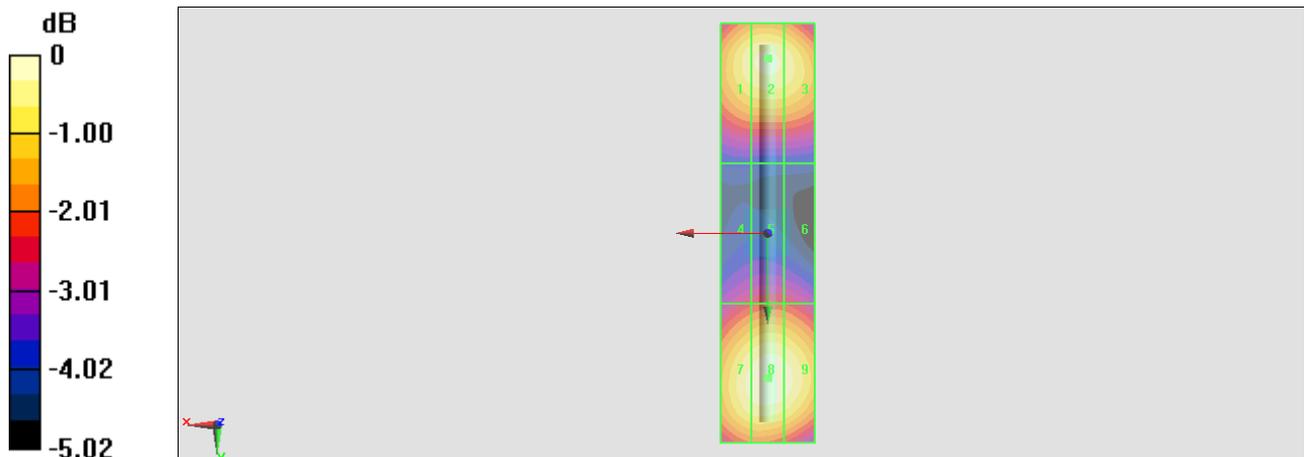
Grid 1 <b>M3</b> <b>85.15 V/m</b>	Grid 2 <b>M3</b> <b>86.50 V/m</b>	Grid 3 <b>M3</b> <b>85.13 V/m</b>
Grid 4 <b>M3</b> <b>67.29 V/m</b>	Grid 5 <b>M3</b> <b>68.78 V/m</b>	Grid 6 <b>M3</b> <b>67.99 V/m</b>
Grid 7 <b>M3</b> <b>87.13 V/m</b>	Grid 8 <b>M3</b> <b>89.07 V/m</b>	Grid 9 <b>M3</b> <b>87.64 V/m</b>

**Cursor:**

Total = 89.07 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 89.07 V/m = 38.99 dBV/m