

**HAC\_E\_Dipole\_835\_160913****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 : 23.9 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**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 = 114.8 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.0 V/m

Average value of Total=(109.0+99.71) / 2 = 104.355 V/m

**PMF scaled E-field**

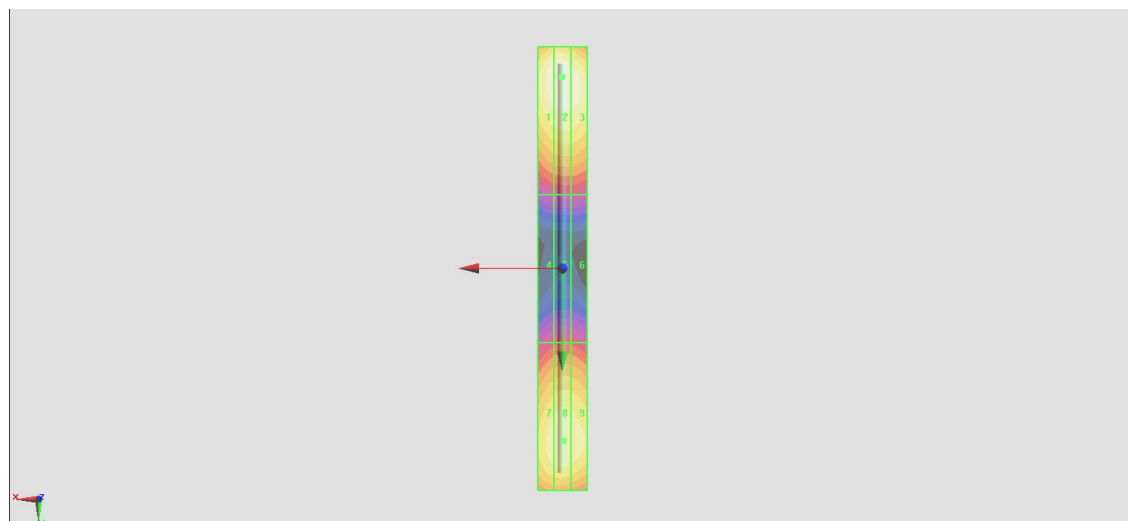
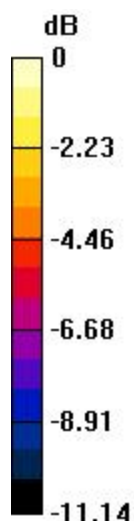
<b>Grid 1 M4</b> <b>106.7 V/m</b>	<b>Grid 2 M4</b> <b>109.0 V/m</b>	<b>Grid 3 M4</b> <b>106.6 V/m</b>
<b>Grid 4 M4</b> <b>57.69 V/m</b>	<b>Grid 5 M4</b> <b>59.43 V/m</b>	<b>Grid 6 M4</b> <b>58.74 V/m</b>
<b>Grid 7 M4</b> <b>97.26 V/m</b>	<b>Grid 8 M4</b> <b>99.71 V/m</b>	<b>Grid 9 M4</b> <b>98.20 V/m</b>

**Cursor:**

Total = 109.0 V/m

E Category: M4

Location: 0, -77.5, 9.7 mm



0 dB = 109.0 V/m = 40.75 dBV/m

**HAC\_E\_Dipole\_1880\_160913****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 : 23.9 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**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 = 152.4 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 97.15 V/m

Average value of Total=(94.64+97.15) / 2 = 95.895 V/m

**PMF scaled E-field**

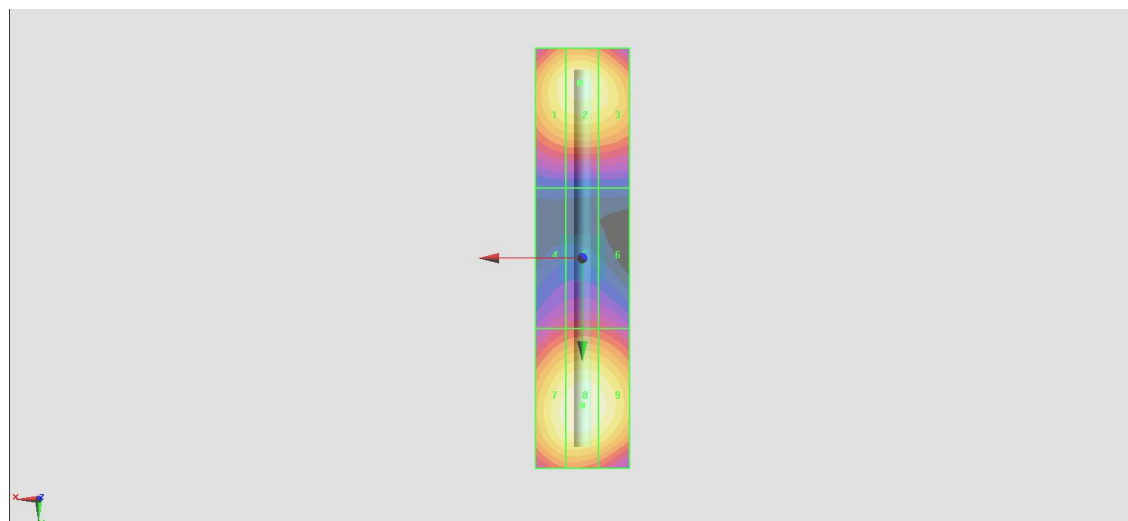
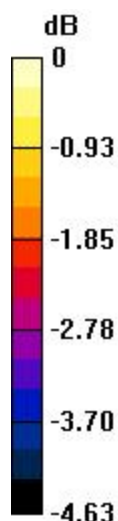
<b>Grid 1 M3</b> <b>93.34 V/m</b>	<b>Grid 2 M3</b> <b>94.64 V/m</b>	<b>Grid 3 M3</b> <b>93.03 V/m</b>
<b>Grid 4 M3</b> <b>74.50 V/m</b>	<b>Grid 5 M3</b> <b>75.81 V/m</b>	<b>Grid 6 M3</b> <b>75.04 V/m</b>
<b>Grid 7 M3</b> <b>95.49 V/m</b>	<b>Grid 8 M3</b> <b>97.15 V/m</b>	<b>Grid 9 M3</b> <b>95.51 V/m</b>

**Cursor:**

Total = 97.15 V/m

E Category: M3

Location: 0, 31.5, 9.7 mm



0 dB = 97.15 V/m = 39.75 dBV/m