

**HAC\_E\_Dipole\_835****DUT: CD835V3-1149**

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 : 23.7 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 126.6 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.5 V/m

Average value of Total=(111.5+111.2) / 2 = 111.35 V/m

**PMF scaled E-field**

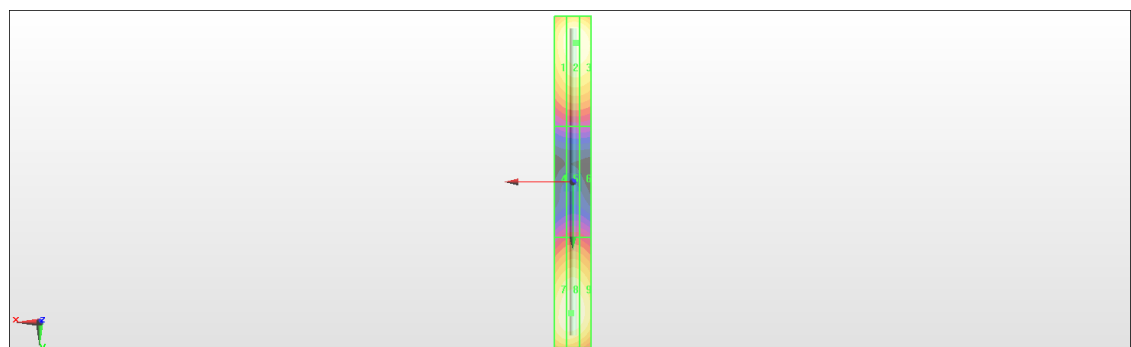
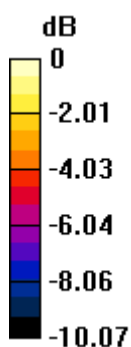
<b>Grid 1 M4</b> <b>106.8 V/m</b>	<b>Grid 2 M4</b> <b>111.5 V/m</b>	<b>Grid 3 M4</b> <b>110.7 V/m</b>
<b>Grid 4 M4</b> <b>63.21 V/m</b>	<b>Grid 5 M4</b> <b>64.55 V/m</b>	<b>Grid 6 M4</b> <b>63.65 V/m</b>
<b>Grid 7 M4</b> <b>110.3 V/m</b>	<b>Grid 8 M4</b> <b>111.2 V/m</b>	<b>Grid 9 M4</b> <b>108.6 V/m</b>

**Cursor:**

Total = 111.5 V/m

E Category: M4

Location: -1.5, -75.5, 9.7 mm



0 dB = 111.5 V/m = 40.95 dBV/m

**HAC\_E\_Dipole\_1880****DUT: CD1880V3-1135**

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 : 23.7 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 140.0 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.35 V/m

Average value of Total=(89.07+90.35) / 2 = 89.71 V/m

**PMF scaled E-field**

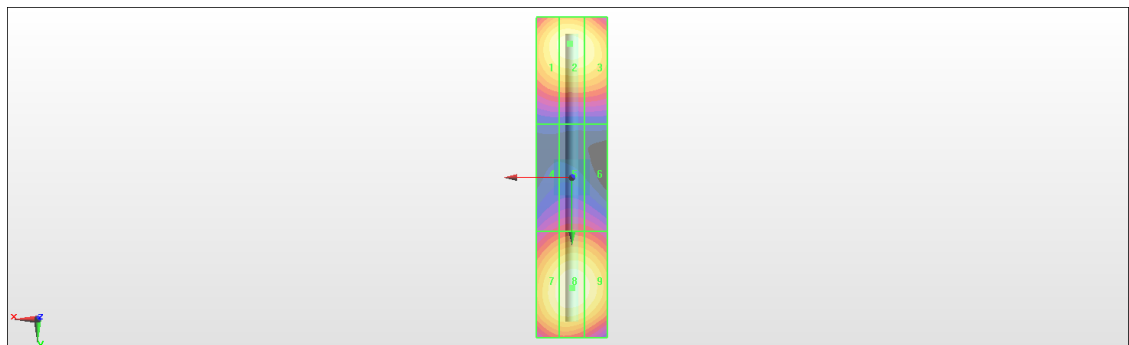
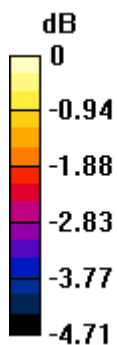
Grid 1 <b>M3</b> <b>88.03 V/m</b>	Grid 2 <b>M3</b> <b>89.07 V/m</b>	Grid 3 <b>M3</b> <b>87.43 V/m</b>
Grid 4 <b>M3</b> <b>69.59 V/m</b>	Grid 5 <b>M3</b> <b>70.89 V/m</b>	Grid 6 <b>M3</b> <b>70.19 V/m</b>
Grid 7 <b>M3</b> <b>88.61 V/m</b>	Grid 8 <b>M3</b> <b>90.35 V/m</b>	Grid 9 <b>M3</b> <b>88.73 V/m</b>

**Cursor:**

Total = 90.35 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 90.35 V/m = 39.12 dBV/m