

**HAC\_E\_Dipole\_835\_140826**

**DUT: HAC-Dipole 835 MHz**

Communication System: UID 10021, 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 : 23.0 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2013.11.29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- 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 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid:**

dx=5 mm, dy=5 mm

E-field emissions = 106.6 V/m

PMR not calibrated. PMF = 1.000 is applied.

Reference Value = 103.5 V/m; Power Drift = 0.01 dB

Average value of Total=(106.6+106.1)/2=106.35 V/m

PMF scaled E-field

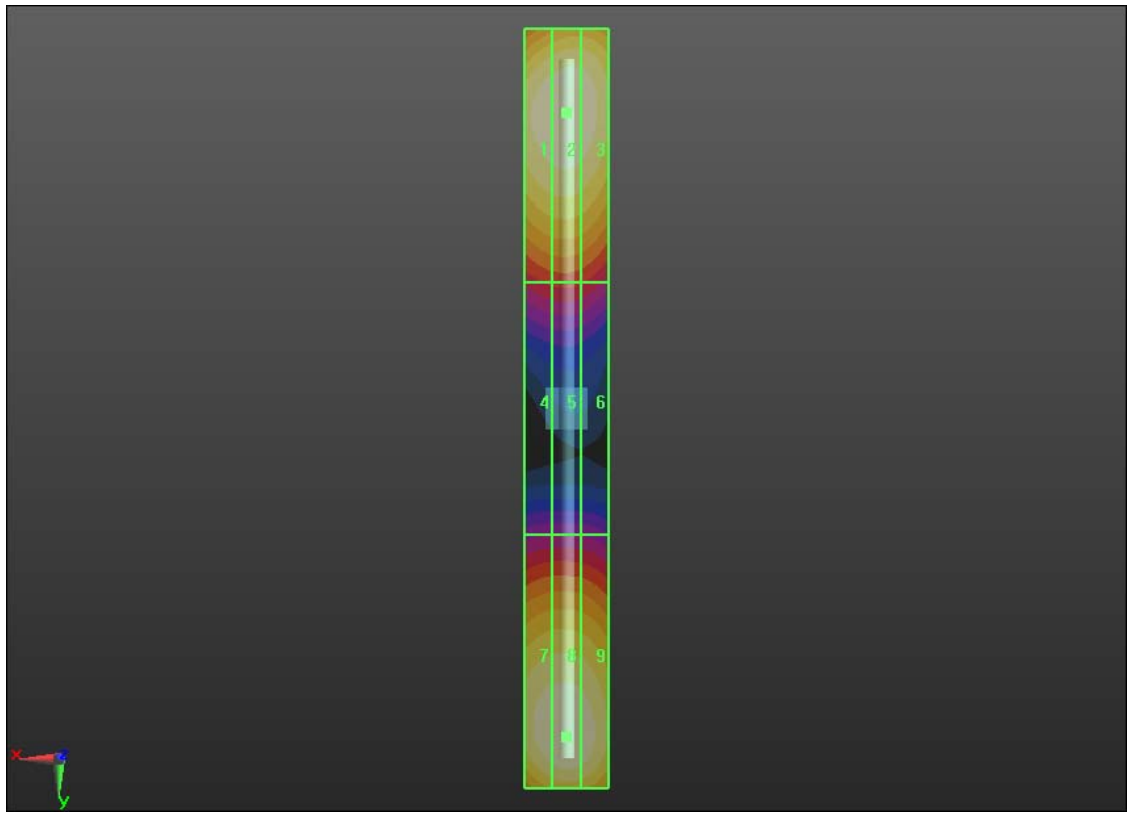
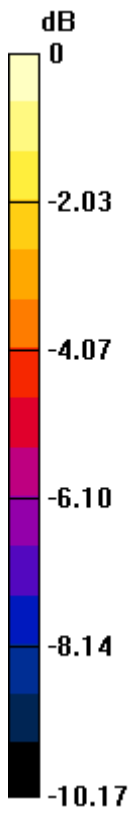
<b>Grid 1 M4</b> <b>105.3 V/m</b>	<b>Grid 2 M4</b> <b>106.6 V/m</b>	<b>Grid 3 M4</b> <b>105.0 V/m</b>
<b>Grid 4 M4</b> <b>63.23 V/m</b>	<b>Grid 5 M4</b> <b>63.89 V/m</b>	<b>Grid 6 M4</b> <b>62.56 V/m</b>
<b>Grid 7 M4</b> <b>104.7 V/m</b>	<b>Grid 8 M4</b> <b>106.1 V/m</b>	<b>Grid 9 M4</b> <b>104.2 V/m</b>

**Cursor:**

Total = 106.6 V/m

E Category: M4

Location: 0, -70, 9.7 mm



0 dB = 106.6 V/m = 40.56 dBV/m

**HAC\_E\_Dipole\_1880\_140826**

**DUT: HAC Dipole 1880 MHz**

Communication System: UID 10021, 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 : 23.0 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2013.11.29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- 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 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid:**

dx=5 mm, dy=5 mm

E-field emissions = 88.00 V/m

PMR not calibrated. PMF = 1.000 is applied.

Reference Value = 143.1 V/m; Power Drift = -0.02 dB

Average value of Total=(88+83.16)/2=85.58 V/m

PMF scaled E-field

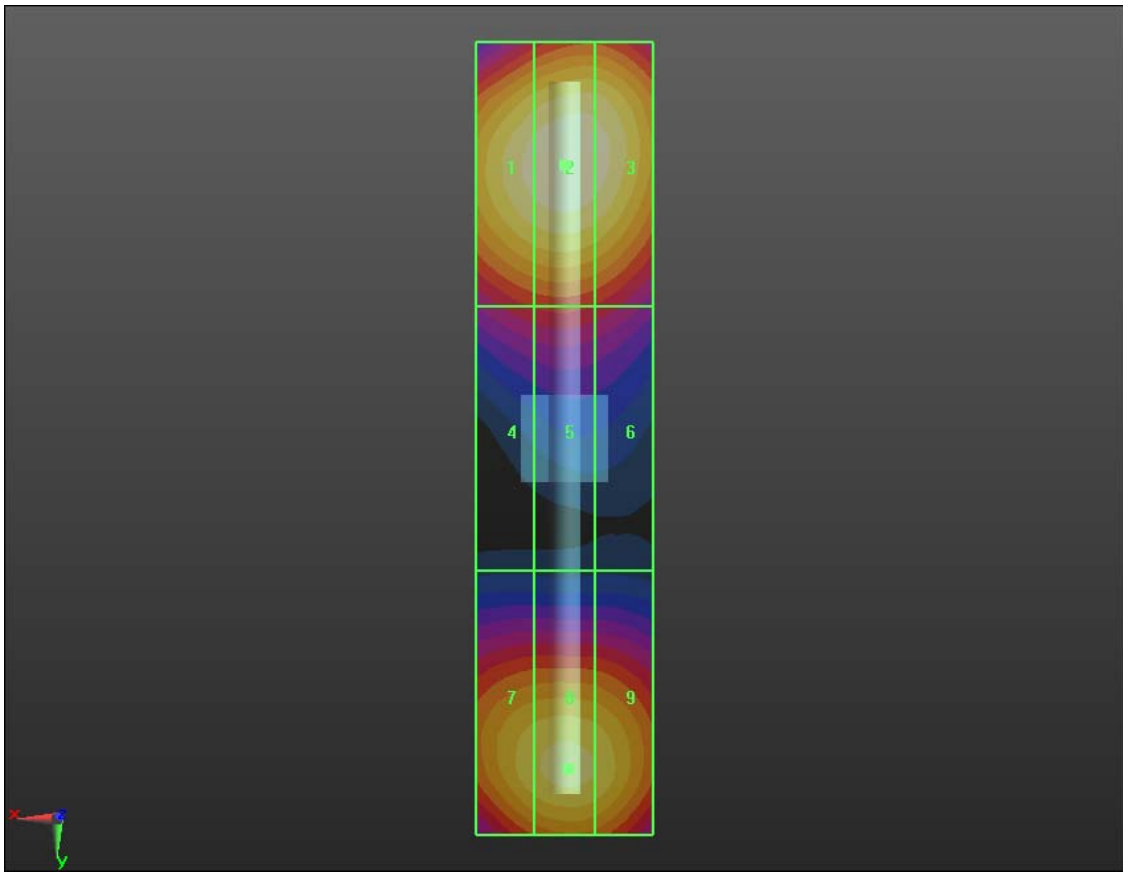
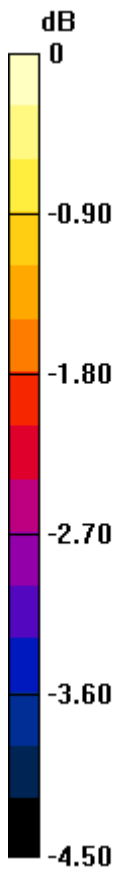
<b>Grid 1 M3</b> <b>86.31 V/m</b>	<b>Grid 2 M3</b> <b>88.00 V/m</b>	<b>Grid 3 M3</b> <b>86.78 V/m</b>
<b>Grid 4 M3</b> <b>69.39 V/m</b>	<b>Grid 5 M3</b> <b>70.12 V/m</b>	<b>Grid 6 M3</b> <b>68.95 V/m</b>
<b>Grid 7 M3</b> <b>81.57 V/m</b>	<b>Grid 8 M3</b> <b>83.16 V/m</b>	<b>Grid 9 M3</b> <b>82.08 V/m</b>

**Cursor:**

Total = 88.00 V/m

E Category: M3

Location: 0, -31, 9.7 mm



0 dB = 88.00 V/m = 38.89 dBV/m