

**HAC\_E\_Dipole\_835\_151111****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 : 23.5 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- 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 = 114.8 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 108.9 V/m

Average value of Total=(108.9+99.70) / 2 = 104.3 V/m

**PMF scaled E-field**

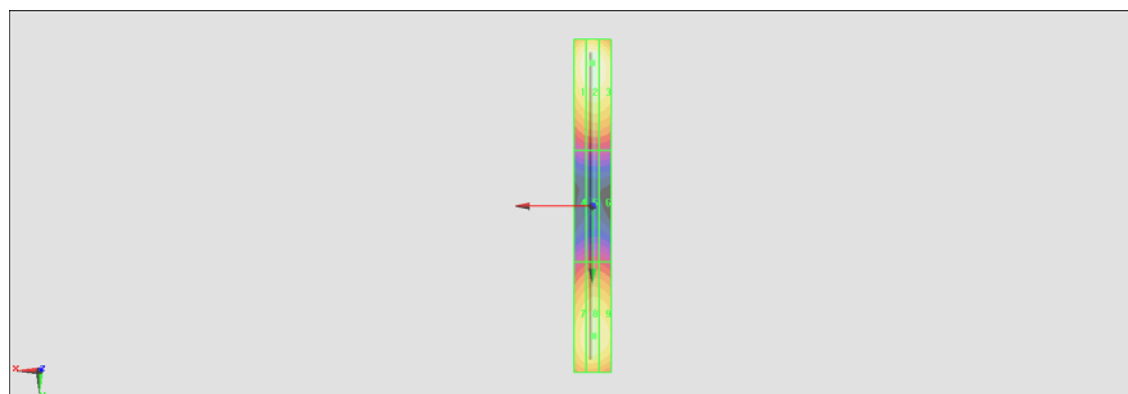
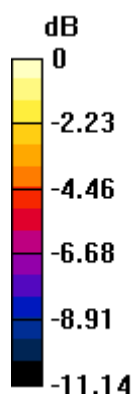
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>106.7 V/m</b> | Grid 2 <b>M4</b><br><b>108.9 V/m</b> | Grid 3 <b>M4</b><br><b>106.6 V/m</b> |
| Grid 4 <b>M4</b><br><b>57.74 V/m</b> | Grid 5 <b>M4</b><br><b>59.48 V/m</b> | Grid 6 <b>M4</b><br><b>58.79 V/m</b> |
| Grid 7 <b>M4</b><br><b>97.27 V/m</b> | Grid 8 <b>M4</b><br><b>99.70 V/m</b> | Grid 9 <b>M4</b><br><b>98.20 V/m</b> |

**Cursor:**

Total = 108.9 V/m

E Category: M4

Location: 0, -77.5, 9.7 mm



0 dB = 108.9 V/m = 40.74 dBV/m

**HAC\_E\_Dipole\_1880\_151111****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 : 23.5 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- 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 = 89.18 V/m

Average value of Total=(86.59+89.18) / 2 = 87.885 V/m

**PMF scaled E-field**

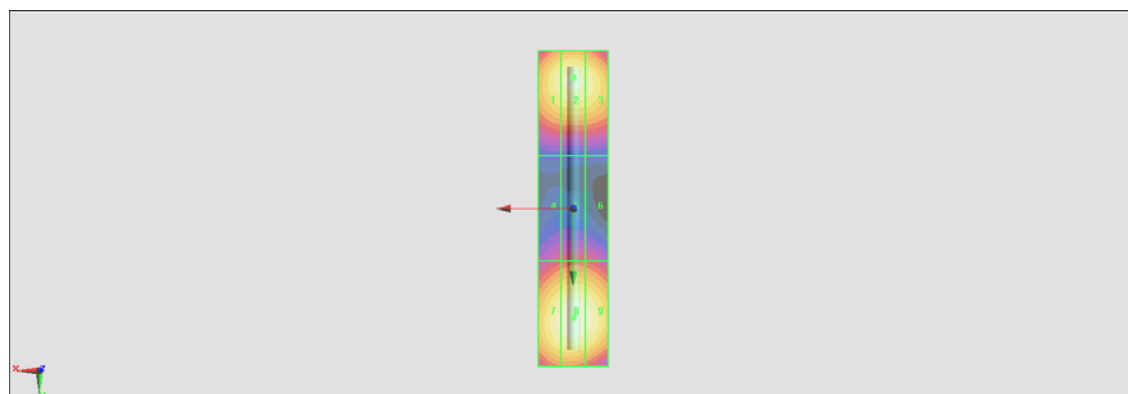
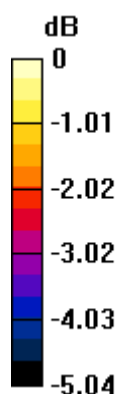
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>85.24 V/m</b> | Grid 2 <b>M3</b><br><b>86.59 V/m</b> | Grid 3 <b>M3</b><br><b>85.23 V/m</b> |
| Grid 4 <b>M3</b><br><b>67.34 V/m</b> | Grid 5 <b>M3</b><br><b>68.84 V/m</b> | Grid 6 <b>M3</b><br><b>68.04 V/m</b> |
| Grid 7 <b>M3</b><br><b>87.23 V/m</b> | Grid 8 <b>M3</b><br><b>89.18 V/m</b> | Grid 9 <b>M3</b><br><b>87.74 V/m</b> |

**Cursor:**

Total = 89.18 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 89.18 V/m = 39.01 dBV/m