

**HAC\_E\_Dipole\_835\_180208****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 : 23.2 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 129.1 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 113.5 V/m

Average value of Total=(113.5+112.5) / 2 = 113 V/m

**PMF scaled E-field**

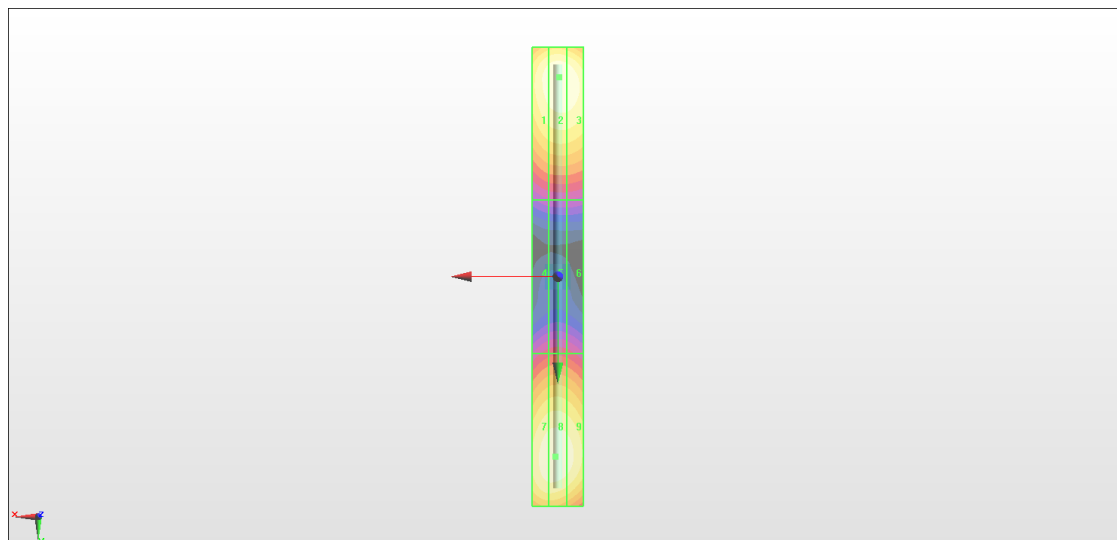
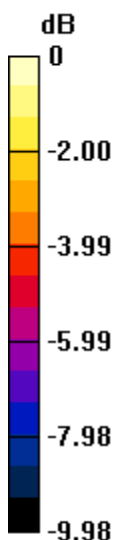
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>110.4 V/m</b> | Grid 2 <b>M4</b><br><b>113.5 V/m</b> | Grid 3 <b>M4</b><br><b>112.3 V/m</b> |
| Grid 4 <b>M4</b><br><b>64.33 V/m</b> | Grid 5 <b>M4</b><br><b>65.25 V/m</b> | Grid 6 <b>M4</b><br><b>64.10 V/m</b> |
| Grid 7 <b>M4</b><br><b>111.6 V/m</b> | Grid 8 <b>M4</b><br><b>112.5 V/m</b> | Grid 9 <b>M4</b><br><b>109.7 V/m</b> |

**Cursor:**

Total = 113.5 V/m

E Category: M4

Location: -0.5, -78, 9.7 mm



0 dB = 113.5 V/m = 41.10 dBV/m

**HAC\_E\_Dipole\_1880\_180208****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 : 23.2 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 145.7 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.49 V/m

Average value of Total=(91.57+92.49) / 2 = 92.03 V/m

**PMF scaled E-field**

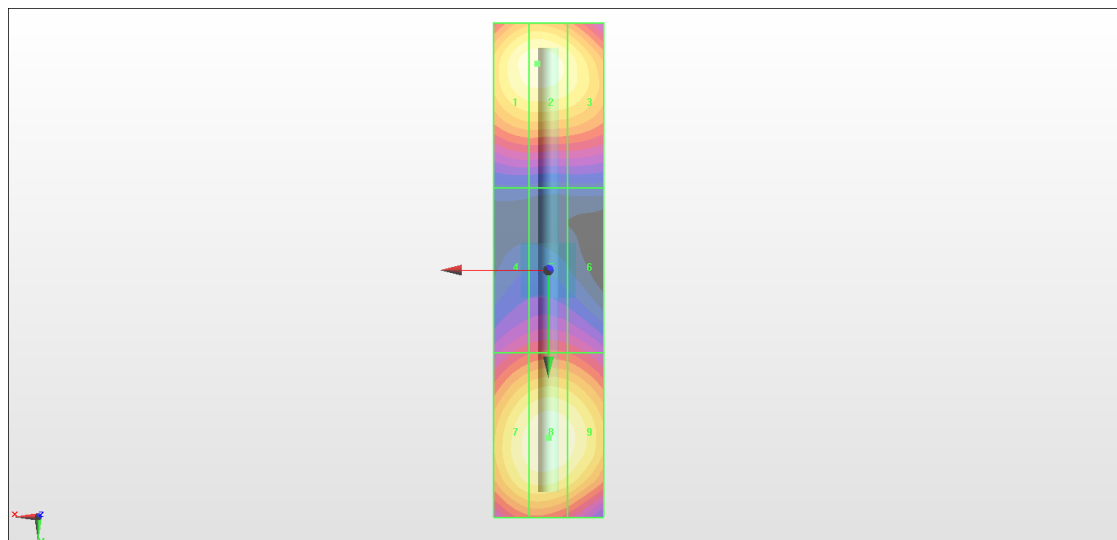
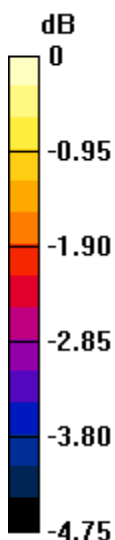
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>91.19 V/m</b> | Grid 2 <b>M3</b><br><b>91.57 V/m</b> | Grid 3 <b>M3</b><br><b>88.50 V/m</b> |
| Grid 4 <b>M3</b><br><b>71.42 V/m</b> | Grid 5 <b>M3</b><br><b>72.58 V/m</b> | Grid 6 <b>M3</b><br><b>71.76 V/m</b> |
| Grid 7 <b>M3</b><br><b>90.75 V/m</b> | Grid 8 <b>M3</b><br><b>92.49 V/m</b> | Grid 9 <b>M3</b><br><b>90.75 V/m</b> |

**Cursor:**

Total = 92.49 V/m

E Category: M3

Location: 0, 30.5, 9.7 mm



0 dB = 92.49 V/m = 39.32 dBV/m