

**HAC\_E\_Dipole\_835**

Communication System: UID 0, 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: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2018.1.9;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- 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=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 95.73 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 96.20 V/m

**Average value of Total=(99.95+98.67)/2=99.31 V/m**

PMF scaled E-field

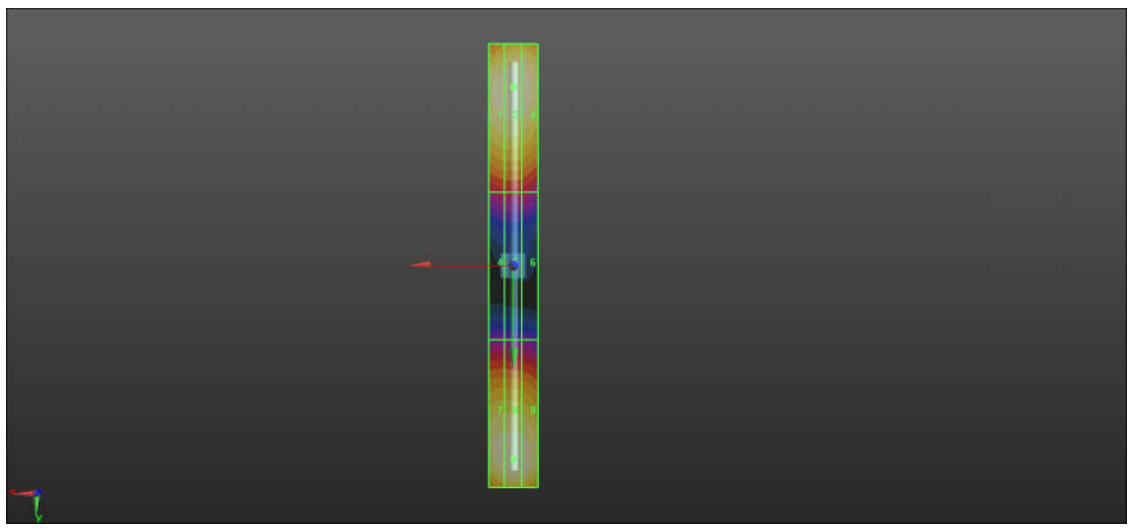
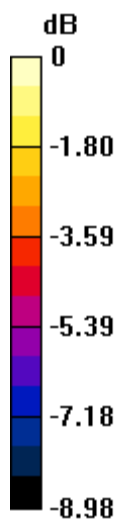
<b>Grid 1 M4</b> <b>96.70 V/m</b>	<b>Grid 2 M4</b> <b>99.95 V/m</b>	<b>Grid 3 M4</b> <b>96.73 V/m</b>
<b>Grid 4 M4</b> <b>59.26 V/m</b>	<b>Grid 5 M4</b> <b>59.22 V/m</b>	<b>Grid 6 M4</b> <b>58.45 V/m</b>
<b>Grid 7 M4</b> <b>96.48 V/m</b>	<b>Grid 8 M4</b> <b>98.67 V/m</b>	<b>Grid 9 M4</b> <b>96.32 V/m</b>

**Cursor:**

Total = 97.90 V/m

E Category: M4

Location: 0, 78.5, 9.7 mm



0 dB = 97.90 V/m = 39.82 dBV/m

**HAC\_E\_Dipole\_1880**

Communication System: UID 0, 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: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2018.1.9;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- 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=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 146.5 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.12 V/m

**Average value of Total=(89.18+93.12)/2=91.15 V/m**

PMF scaled E-field

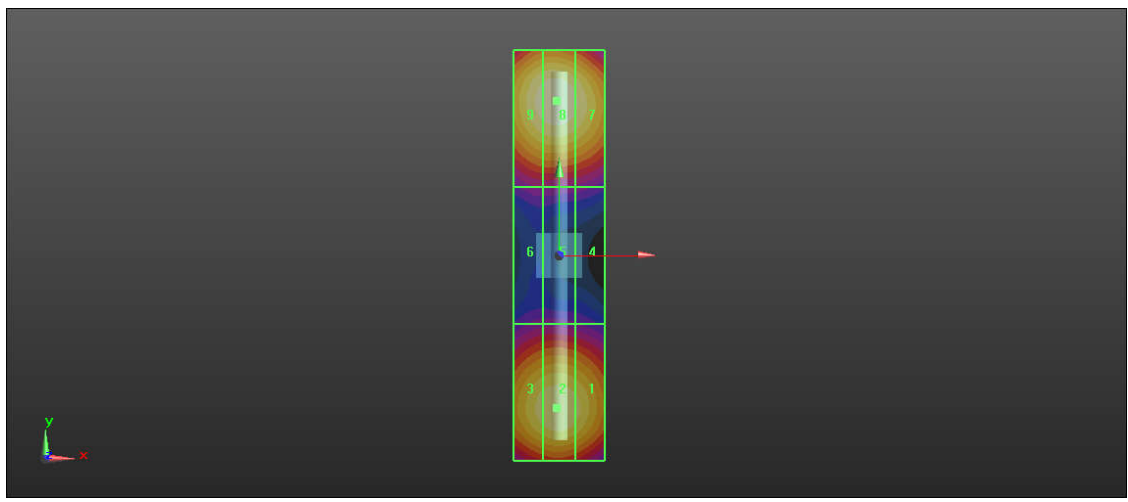
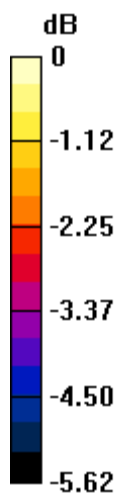
Grid 1 <b>M3</b> <b>88.43 V/m</b>	Grid 2 <b>M3</b> <b>89.18 V/m</b>	Grid 3 <b>M3</b> <b>89.02 V/m</b>
Grid 4 <b>M3</b> <b>70.86 V/m</b>	Grid 5 <b>M3</b> <b>71.85 V/m</b>	Grid 6 <b>M3</b> <b>70.62 V/m</b>
Grid 7 <b>M3</b> <b>83.59 V/m</b>	Grid 8 <b>M3</b> <b>93.12 V/m</b>	Grid 9 <b>M3</b> <b>84.16 V/m</b>

**Cursor:**

Total = 90.18 V/m

E Category: M3

Location: 0, -31, 9.7 mm



0 dB = 94.53 V/m = 39.51 dBV/m