

**HAC\_E\_Dipole\_1880****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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**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 = 156.6 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.18 V/m

Average value of Total=(88.18+86.98) / 2 = 87.58 V/m

PMF scaled E-field

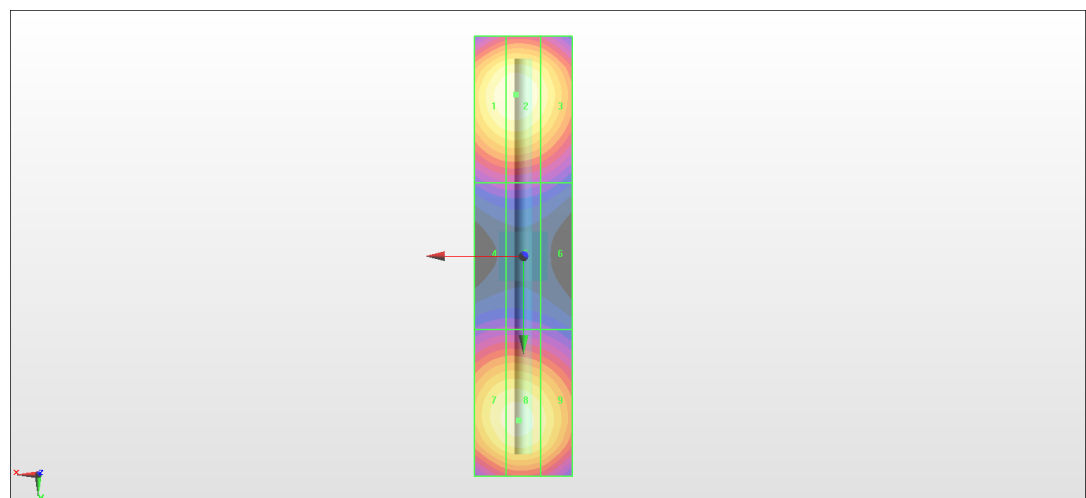
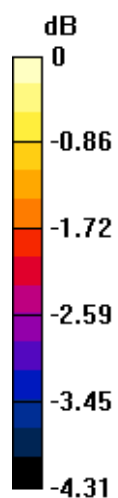
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>87.86 V/m</b> | Grid 2 <b>M3</b><br><b>88.18 V/m</b> | Grid 3 <b>M3</b><br><b>84.75 V/m</b> |
| Grid 4 <b>M3</b><br><b>65.32 V/m</b> | Grid 5 <b>M3</b><br><b>65.42 V/m</b> | Grid 6 <b>M3</b><br><b>63.97 V/m</b> |
| Grid 7 <b>M3</b><br><b>86.26 V/m</b> | Grid 8 <b>M3</b><br><b>86.98 V/m</b> | Grid 9 <b>M3</b><br><b>84.07 V/m</b> |

**Cursor:**

Total = 88.18 V/m

E Category: M3

Location: 1.5, -33, 9.7 mm



0 dB = 88.18 V/m = 38.91 dBV/m