

## HAC\_E\_Dipole\_2450\_180331

### DUT: HAC Dipole 2450 MHz

Communication System: CW; Frequency: 2450 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); Calibrated: 2018/1/8;
- 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 CD2450 = 10mm & 15mm 2/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 = 79.11 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.81 V/m

Average value of Total=(90.91+92.81) / 2 = 91.86 V/m

#### PMF scaled E-field

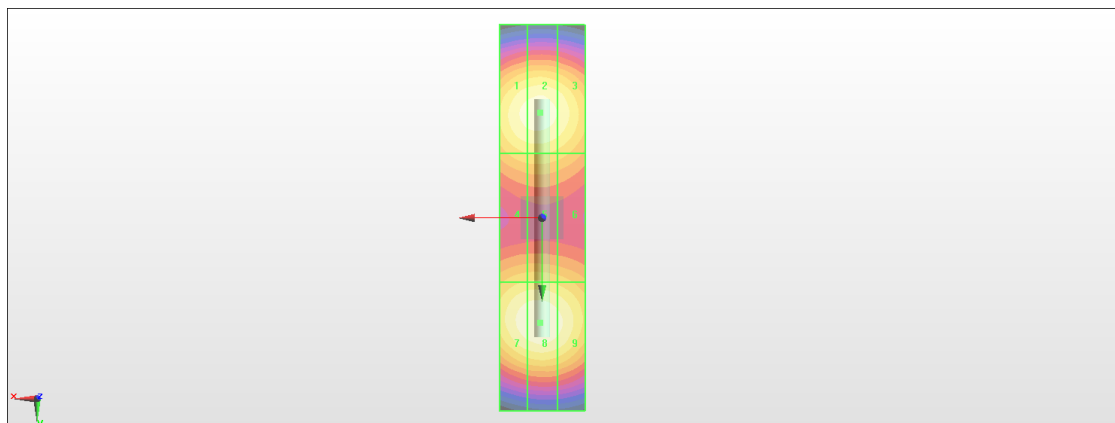
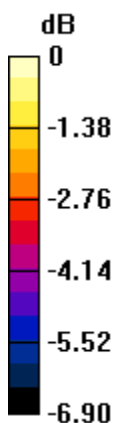
Grid 1 <b>M3</b> <b>89.92 V/m</b>	Grid 2 <b>M3</b> <b>90.91 V/m</b>	Grid 3 <b>M3</b> <b>88.02 V/m</b>
Grid 4 <b>M3</b> <b>79.92 V/m</b>	Grid 5 <b>M3</b> <b>80.29 V/m</b>	Grid 6 <b>M3</b> <b>78.40 V/m</b>
Grid 7 <b>M3</b> <b>91.45 V/m</b>	Grid 8 <b>M3</b> <b>92.81 V/m</b>	Grid 9 <b>M3</b> <b>89.88 V/m</b>

#### Cursor:

Total = 92.81 V/m

E Category: M3

Location: 0.5, 24.5, 8.7 mm



0 dB = 92.81 V/m = 39.35 dBV/m