

**HAC\_E\_Dipole\_2450****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 : 23.5 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**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 = 76.07 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.63 V/m

Average value of Total=(88.82+90.63) / 2 = 89.725 V/m

**PMF scaled E-field**

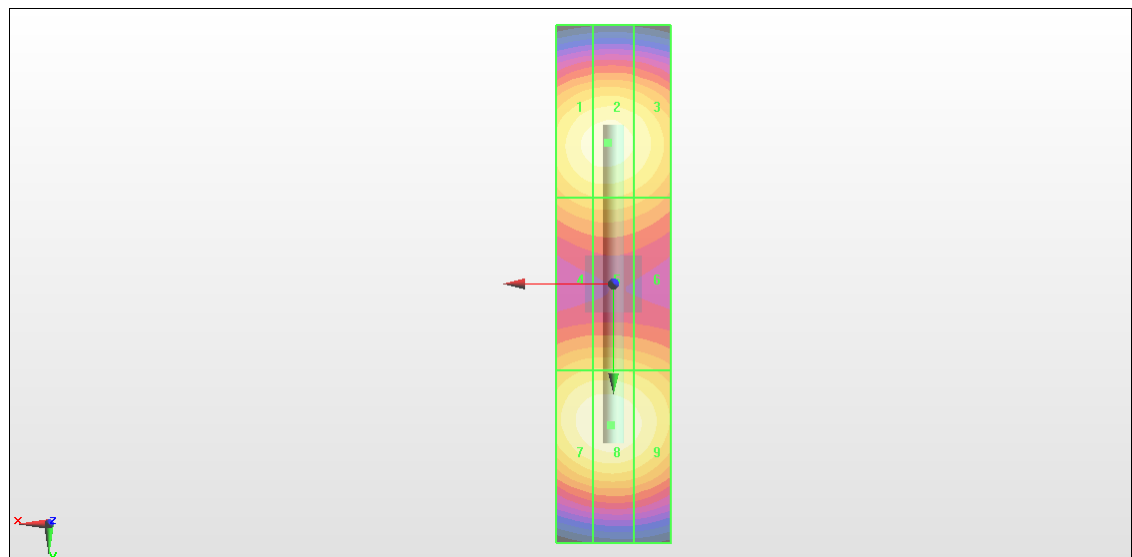
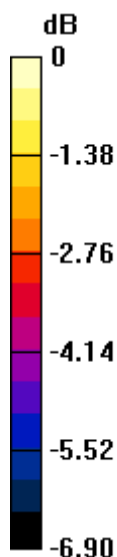
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>88.11 V/m</b> | Grid 2 <b>M3</b><br><b>88.82 V/m</b> | Grid 3 <b>M3</b><br><b>86.05 V/m</b> |
| Grid 4 <b>M3</b><br><b>77.91 V/m</b> | Grid 5 <b>M3</b><br><b>78.11 V/m</b> | Grid 6 <b>M3</b><br><b>76.27 V/m</b> |
| Grid 7 <b>M3</b><br><b>89.67 V/m</b> | Grid 8 <b>M3</b><br><b>90.63 V/m</b> | Grid 9 <b>M3</b><br><b>87.75 V/m</b> |

**Cursor:**

Total = 90.63 V/m

E Category: M3

Location: 0.5, 24.5, 9.7 mm



0 dB = 90.63 V/m = 39.15 dBV/m

**HAC\_E\_Dipole\_5500****DUT: HAC Dipole 5500 MHz**

Communication System: CW ; Frequency: 5500 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 - SN4053 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**E Scan - measurement distance from the probe sensor center to CD5500 = 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 = 28.31 V/m; Power Drift = -0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.6 V/m

Average value of Total=(93.29+90.97) / 2 = 92.13 V/m

**PMF scaled E-field**

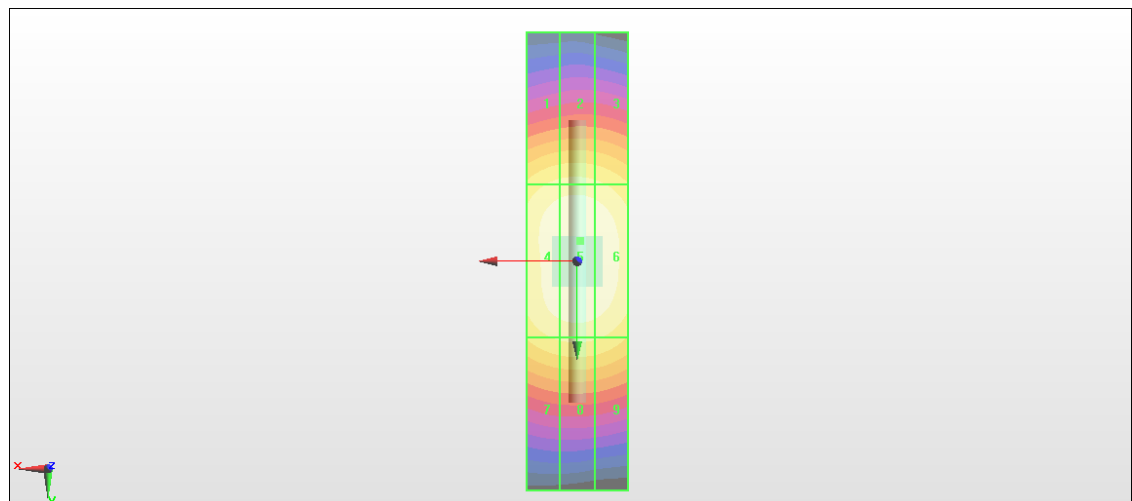
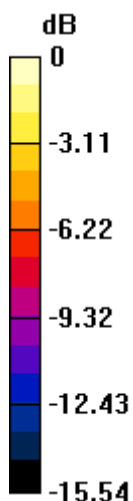
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>91.95 V/m</b> | Grid 2 <b>M3</b><br><b>93.29 V/m</b> | Grid 3 <b>M3</b><br><b>91.22 V/m</b> |
| Grid 4 <b>M3</b><br><b>108.1 V/m</b> | Grid 5 <b>M3</b><br><b>111.6 V/m</b> | Grid 6 <b>M3</b><br><b>109.5 V/m</b> |
| Grid 7 <b>M3</b><br><b>89.63 V/m</b> | Grid 8 <b>M3</b><br><b>90.97 V/m</b> | Grid 9 <b>M3</b><br><b>89.41 V/m</b> |

**Cursor:**

Total = 111.6 V/m

E Category: M3

Location: -0.5, -4, 9.7 mm



0 dB = 111.6 V/m = 40.95 dBV/m