

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/m³

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

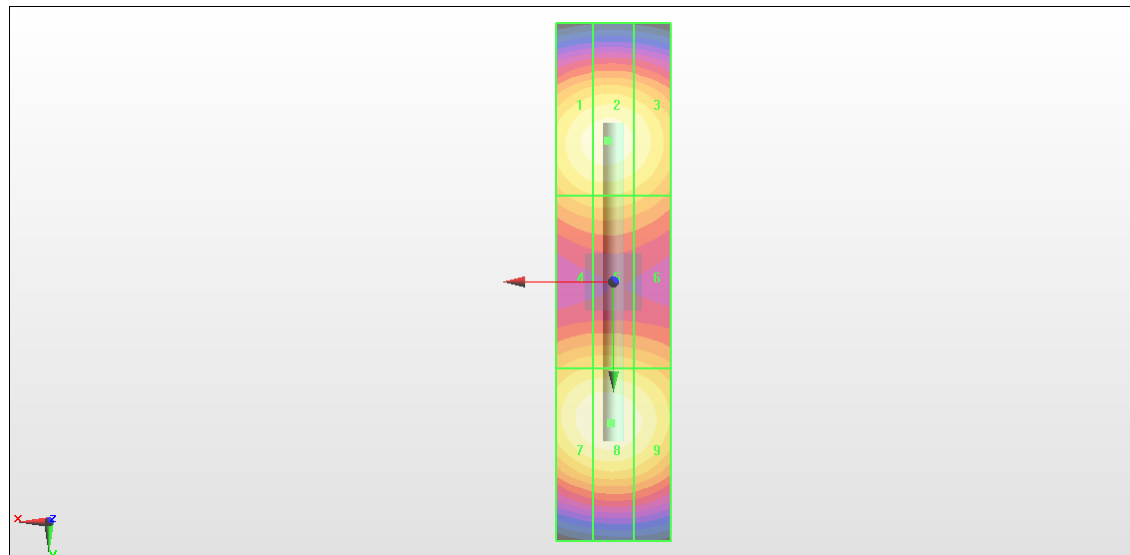
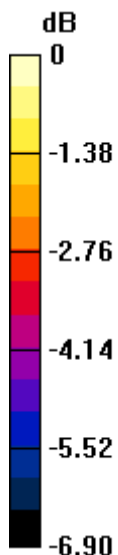
Grid 1 M3 88.11 V/m	Grid 2 M3 88.82 V/m	Grid 3 M3 86.05 V/m
Grid 4 M3 77.91 V/m	Grid 5 M3 78.11 V/m	Grid 6 M3 76.27 V/m
Grid 7 M3 89.67 V/m	Grid 8 M3 90.63 V/m	Grid 9 M3 87.75 V/m

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/m³

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

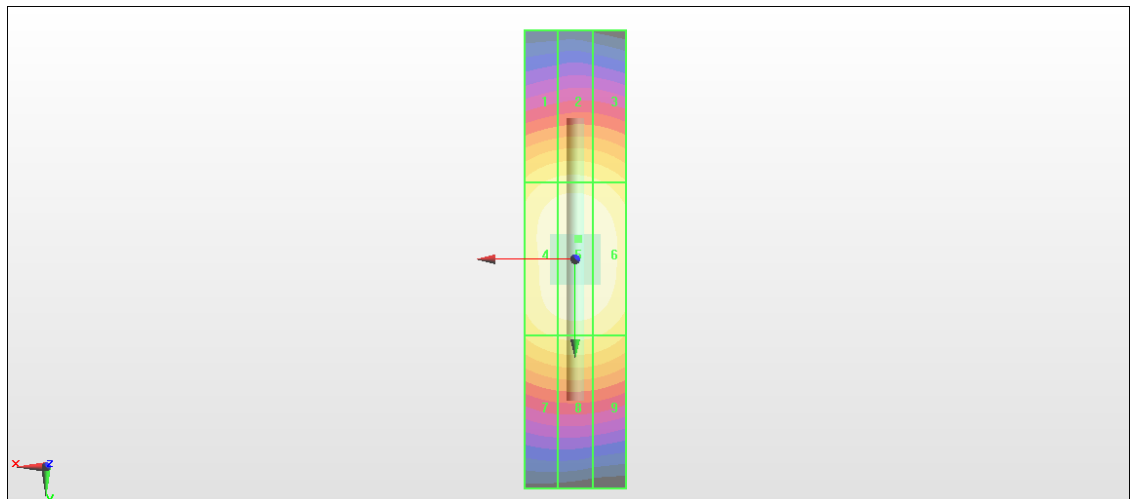
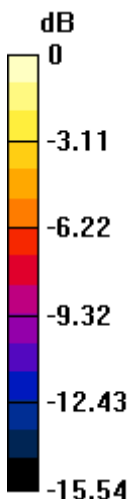
Grid 1 M3 91.95 V/m	Grid 2 M3 93.29 V/m	Grid 3 M3 91.22 V/m
Grid 4 M3 108.1 V/m	Grid 5 M3 111.6 V/m	Grid 6 M3 109.5 V/m
Grid 7 M3 89.63 V/m	Grid 8 M3 90.97 V/m	Grid 9 M3 89.41 V/m

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