

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 81.62 V/m; Power Drift = 0.04 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 85.31 V/m
 Average value of Total=(85.31+85.25) / 2 = 85.28 V/m

PMF scaled E-field

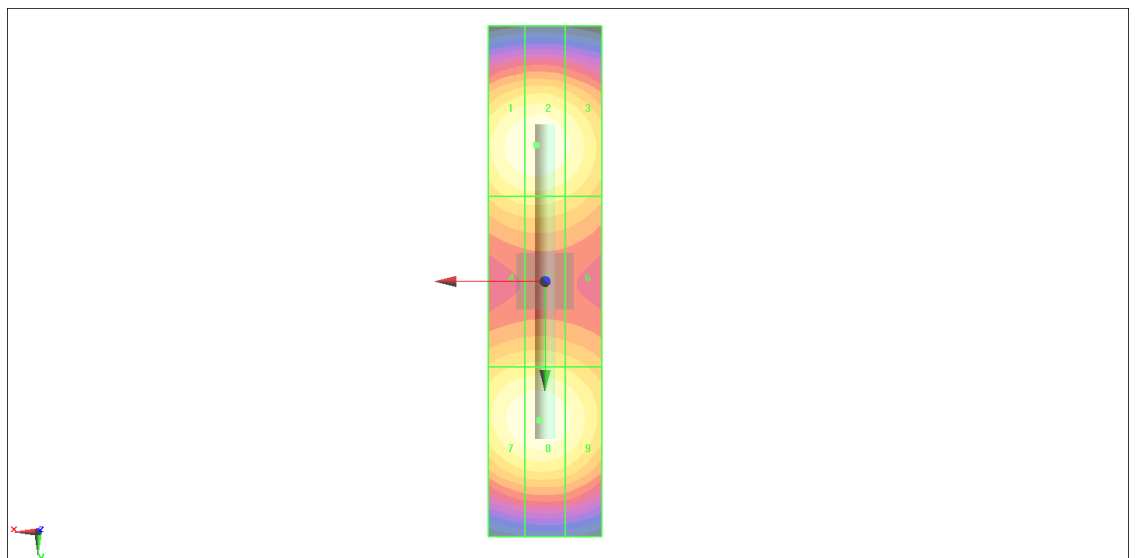
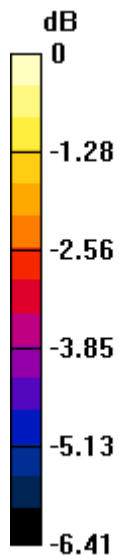
Grid 1 M3 84.91 V/m	Grid 2 M3 85.31 V/m	Grid 3 M3 82.34 V/m
Grid 4 M3 75.87 V/m	Grid 5 M3 75.97 V/m	Grid 6 M3 74.06 V/m
Grid 7 M3 84.55 V/m	Grid 8 M3 85.25 V/m	Grid 9 M3 82.32 V/m

Cursor:

Total = 85.31 V/m

E Category: M3

Location: 1.5, -24, 9.7 mm



0 dB = 85.31 V/m = 38.62 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 : 23.8 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 31.41 V/m; Power Drift = -0.02 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 116.2 V/m
 Average value of Total=(95.75+97.95) / 2 = 96.85 V/m

PMF scaled E-field

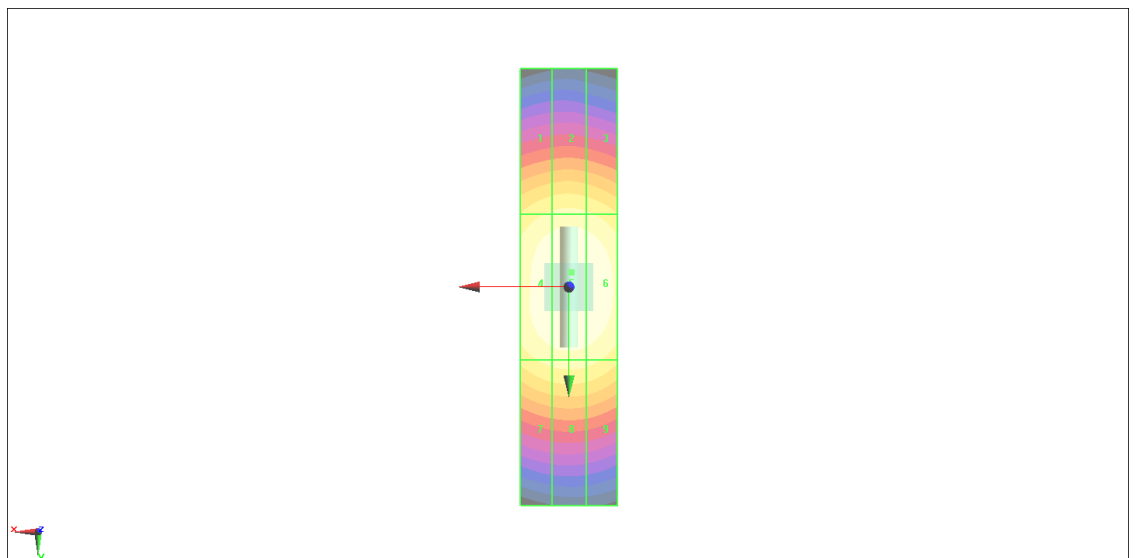
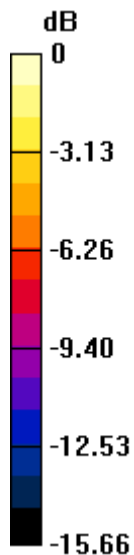
Grid 1 M3 93.67 V/m	Grid 2 M3 95.75 V/m	Grid 3 M3 93.72 V/m
Grid 4 M2 112.3 V/m	Grid 5 M2 116.2 V/m	Grid 6 M2 114.2 V/m
Grid 7 M3 96.03 V/m	Grid 8 M3 97.95 V/m	Grid 9 M3 96.15 V/m

Cursor:

Total = 116.2 V/m

E Category: M2

Location: -0.5, -3, 9.7 mm



0 dB = 116.2 V/m = 41.30 dBV/m