

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 - SN4062; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2020/12/18

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2020/5/26

- 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/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 = 81.23 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.99 V/m

Average value of Total= $(88.91 + 89.99) / 2 = 89.45$ V/m

PMF scaled E-field

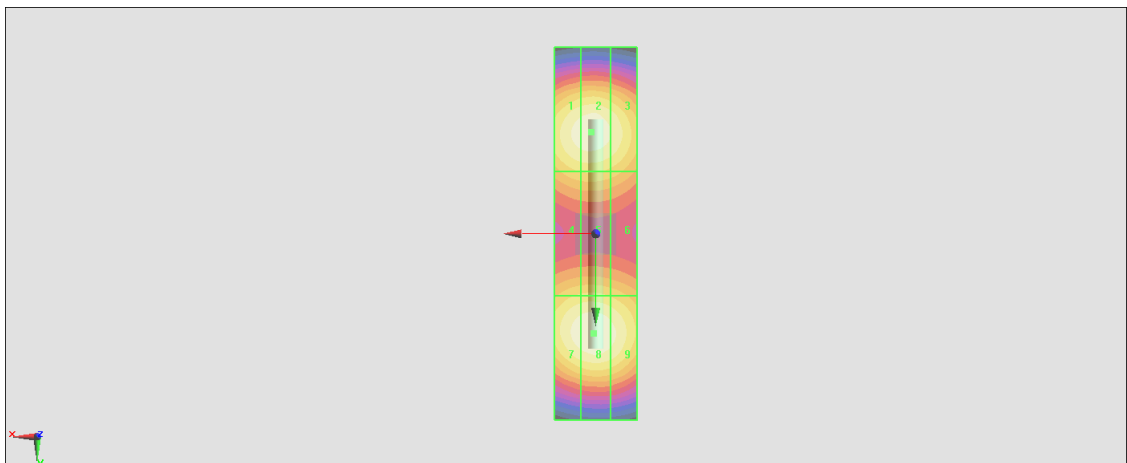
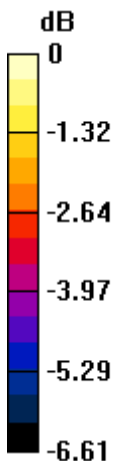
Grid 1 M3 87.99 V/m	Grid 2 M3 88.91 V/m	Grid 3 M3 85.82 V/m
Grid 4 M3 78.38 V/m	Grid 5 M3 78.83 V/m	Grid 6 M3 77.08 V/m
Grid 7 M3 88.52 V/m	Grid 8 M3 89.99 V/m	Grid 9 M3 87.35 V/m

Cursor:

Total = 89.99 V/m

E Category: M3

Location: 0.5, 24, 9.7 mm



0 dB = 89.99 V/m = 39.08 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: CW ; Frequency: 3500 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 - SN4062; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2020/12/18

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2020/5/26

- 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 CD3500 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x121x1): Interpolated grid:

$dx=0.5000$ mm, $dy=0.5000$ mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.13 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.18 V/m

Average value of Total= $(86.18+85.28) / 2 = 85.73$ V/m

PMF scaled E-field

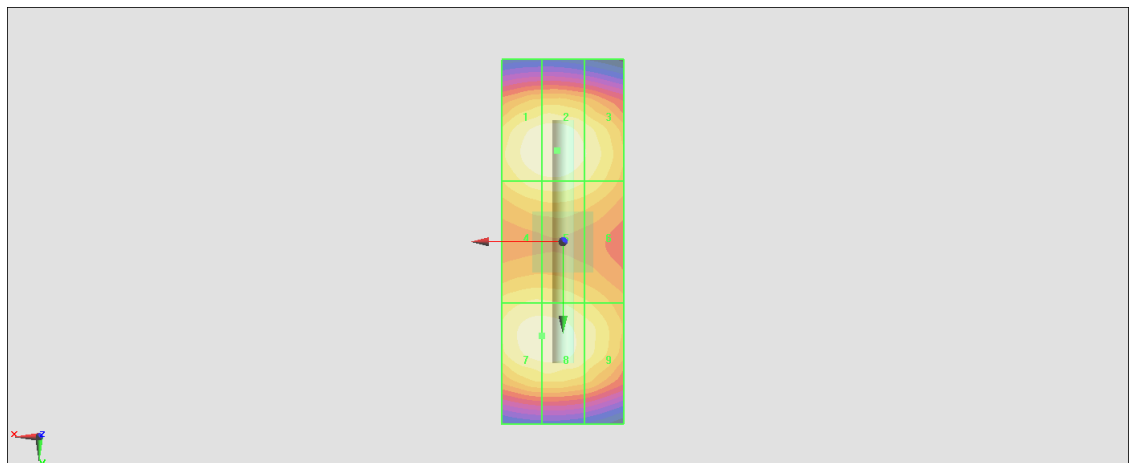
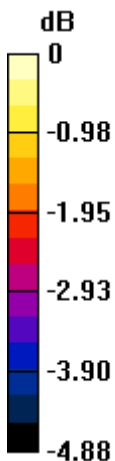
Grid 1 M3 85.84 V/m	Grid 2 M3 86.18 V/m	Grid 3 M3 83.31 V/m
Grid 4 M3 82.04 V/m	Grid 5 M3 82.36 V/m	Grid 6 M3 80.29 V/m
Grid 7 M3 85.24 V/m	Grid 8 M3 85.28 V/m	Grid 9 M3 81.99 V/m

Cursor:

Total = 86.18 V/m

E Category: M3

Location: 1, -15, 9.7 mm



0 dB = 86.18 V/m = 38.71 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 /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 = 28.69 V/m; Power Drift = 0.13 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 111.4 V/m
 Average value of Total= (91.83 + 94.28) / 2 = 93.055 V/m

PMF scaled E-field

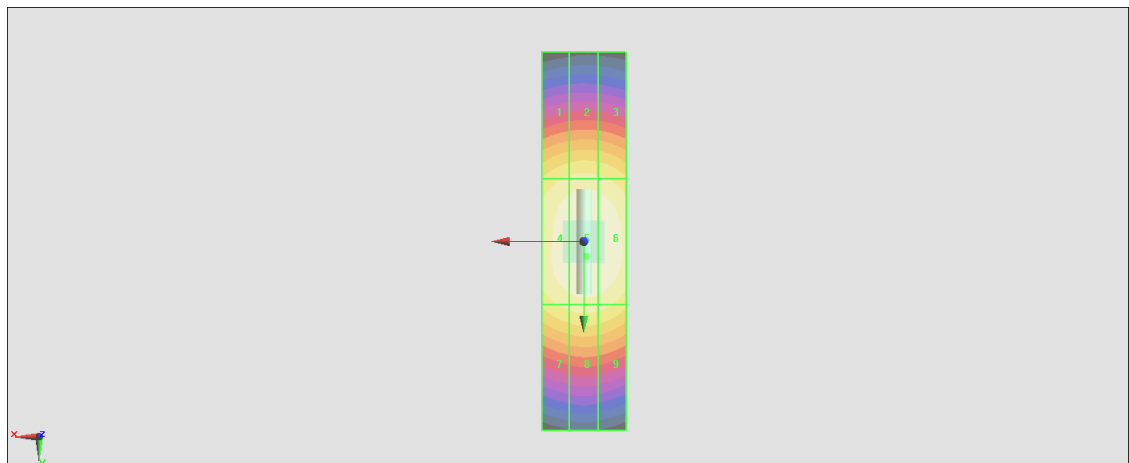
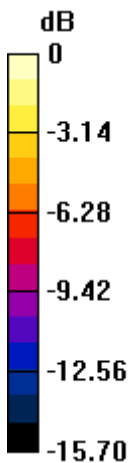
Grid 1 M3 89.61 V/m	Grid 2 M3 91.83 V/m	Grid 3 M3 90.37 V/m
Grid 4 M3 107.4 V/m	Grid 5 M3 111.4 V/m	Grid 6 M3 110.1 V/m
Grid 7 M3 91.82 V/m	Grid 8 M3 94.28 V/m	Grid 9 M3 92.57 V/m

Cursor:

Total = 111.4 V/m

E Category: M3

Location: -0.5, 3.5, 9.7 mm



0 dB = 111.4 V/m = 40.94 dBV/m