

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: UID 0, 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2450 = 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 = 77.13 V/m; Power Drift = 0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.14 V/m

Average value of Total=(94.14+92.52)/2=93.33 V/m

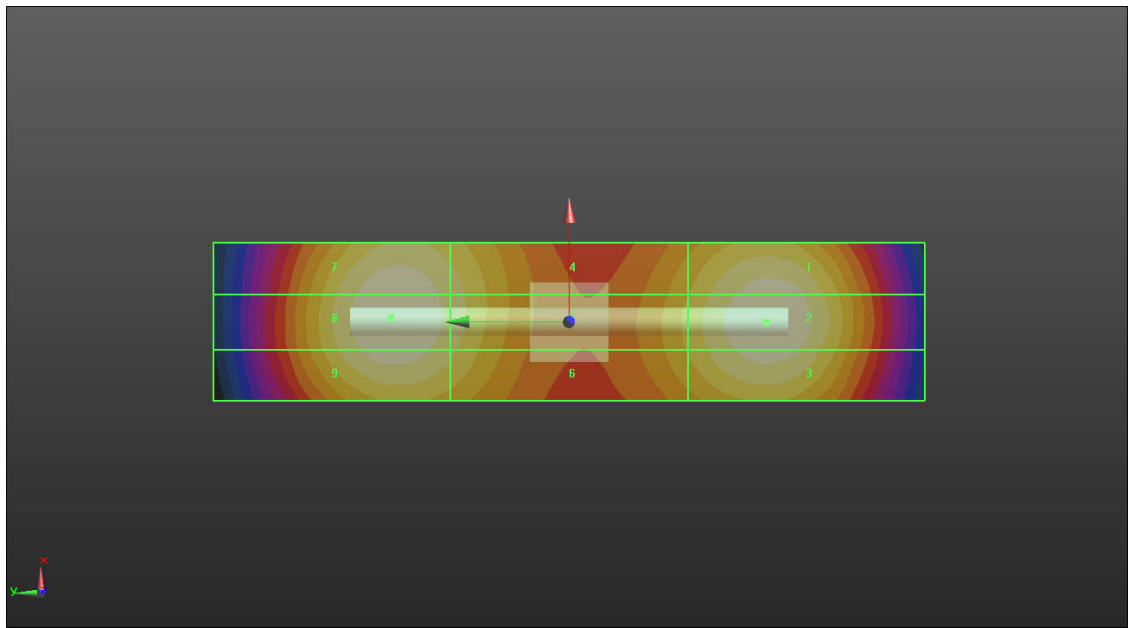
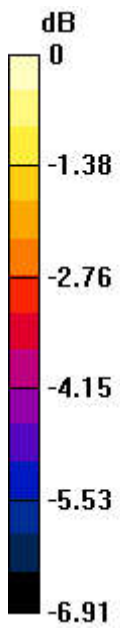
PMF scaled E-field

Grid 1 M3 90.48 V/m	Grid 2 M3 94.14 V/m	Grid 3 M3 91.48 V/m
Grid 4 M3 84.36 V/m	Grid 5 M3 85.73 V/m	Grid 6 M3 83.99 V/m
Grid 7 M3 90.78 V/m	Grid 8 M3 92.52 V/m	Grid 9 M3 91.49 V/m

Total = 94.14 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 94.14 V/m = 45.24 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 MHz

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2600 = 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 = 79.55 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 95.89 V/m

Average value of Total=(95.89+95.71)/2=95.8 V/m

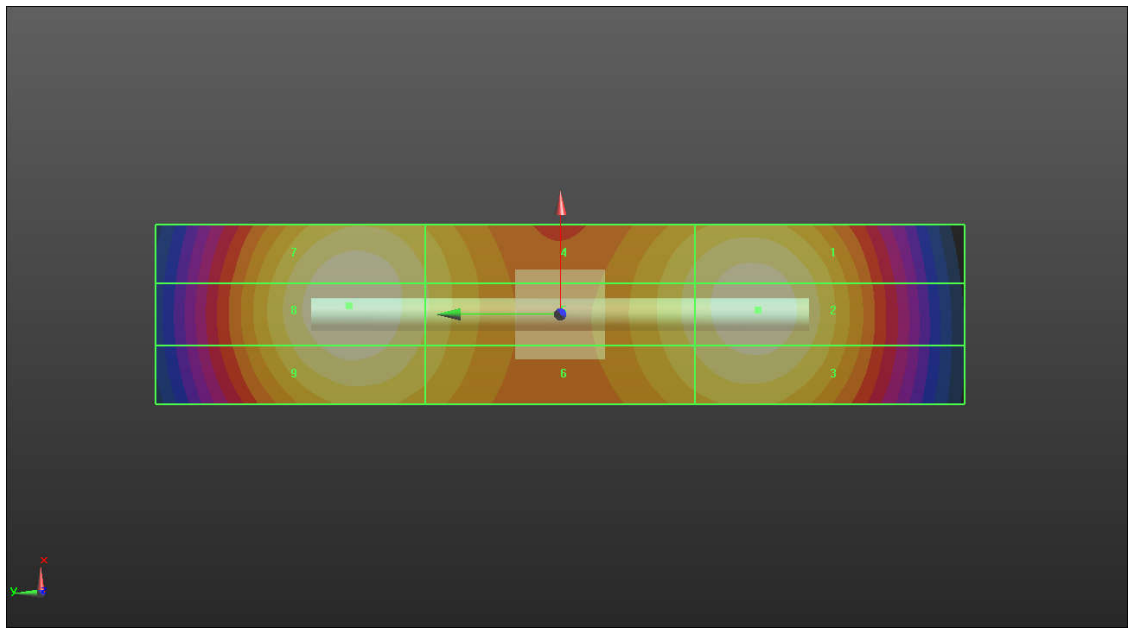
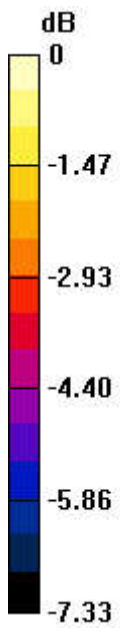
PMF scaled E-field

Grid 1 M3 93.42 V/m	Grid 2 M3 95.89 V/m	Grid 3 M3 93.42 V/m
Grid 4 M3 86.68 V/m	Grid 5 M3 86.73 V/m	Grid 6 M3 86.48 V/m
Grid 7 M3 93.91 V/m	Grid 8 M3 95.71 V/m	Grid 9 M3 93.59 V/m

Total = 95.89 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 95.89 V/m = 41.26 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: UID 0, CW (0); 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD3500 = 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 = 39.48 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.59 V/m

Average value of Total=(92.59+91.73)/2=92.16 V/m

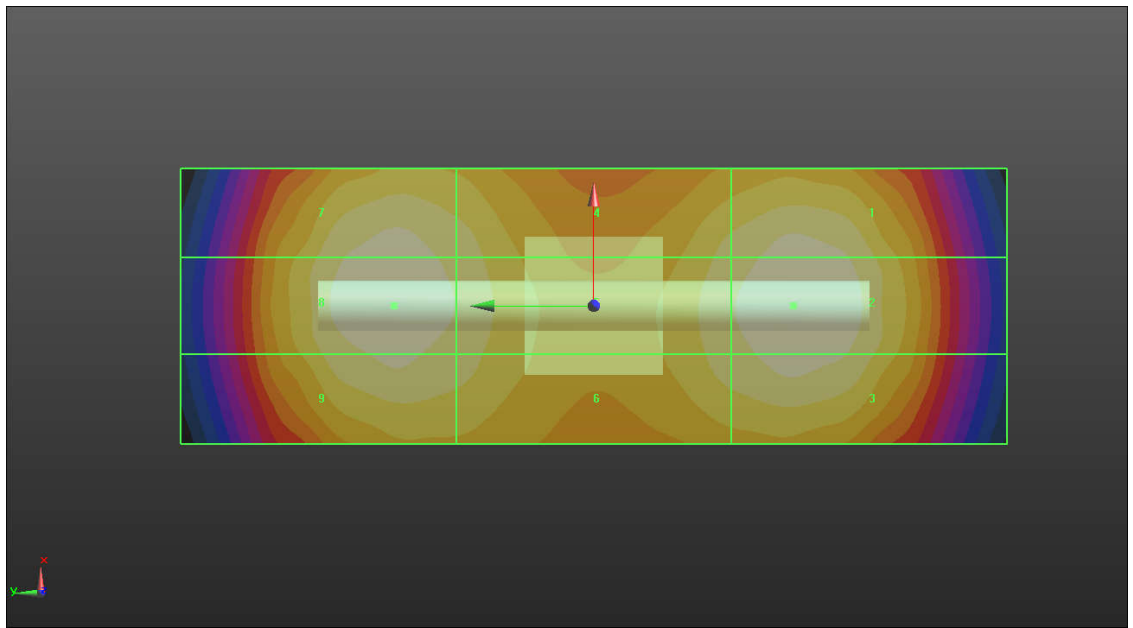
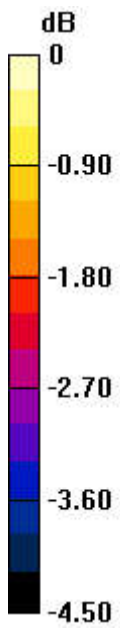
PMF scaled E-field

Grid 1 M3 91.33 V/m	Grid 2 M3 92.59 V/m	Grid 3 M3 91.65 V/m
Grid 4 M3 86.55 V/m	Grid 5 M3 88.35 V/m	Grid 6 M3 87.56 V/m
Grid 7 M3 87.44 V/m	Grid 8 M3 91.73 V/m	Grid 9 M3 89.59 V/m

Total = 92.59 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 92.59 V/m = 39.75 dBV/m

HAC_E_Dipole_5500

DUT: HAC Dipole 5500 MHz

Communication System: UID 0, CW (0); 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD5500 = 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 = 32.08 V/m; Power Drift = -0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 106.1 V/m

Average value of Total=(104.3+102.7)/2=103.5 V/m

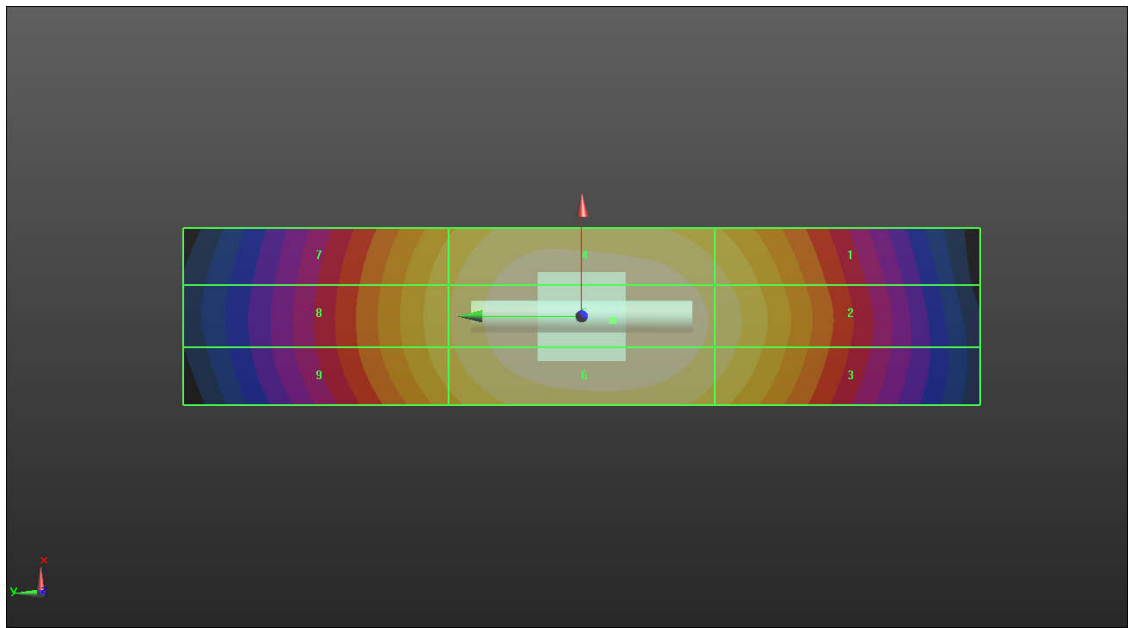
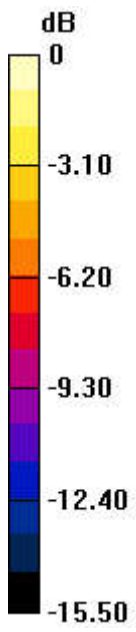
PMF scaled E-field

Grid 1 M3 91.59 V/m	Grid 2 M3 93.18 V/m	Grid 3 M3 92.82 V/m
Grid 4 M3 104.3 V/m	Grid 5 M3 106.1 V/m	Grid 6 M3 102.7 V/m
Grid 7 M3 85.08 V/m	Grid 8 M3 92.87 V/m	Grid 9 M3 85.69 V/m

Total = 106.1 V/m

E Category: M3

Location: -0.5, -3.5, 8.7 mm



0 dB = 106.1 V/m = 41.86 dBV/m