

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: UID 0, CW; Frequency: 835 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); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

E Scan - measurement distance from the probe sensor center to CD835 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 101.9 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 112.2 V/m

Average value of Total=(112.2+105.8)/2=109 V/m

PMF scaled E-field

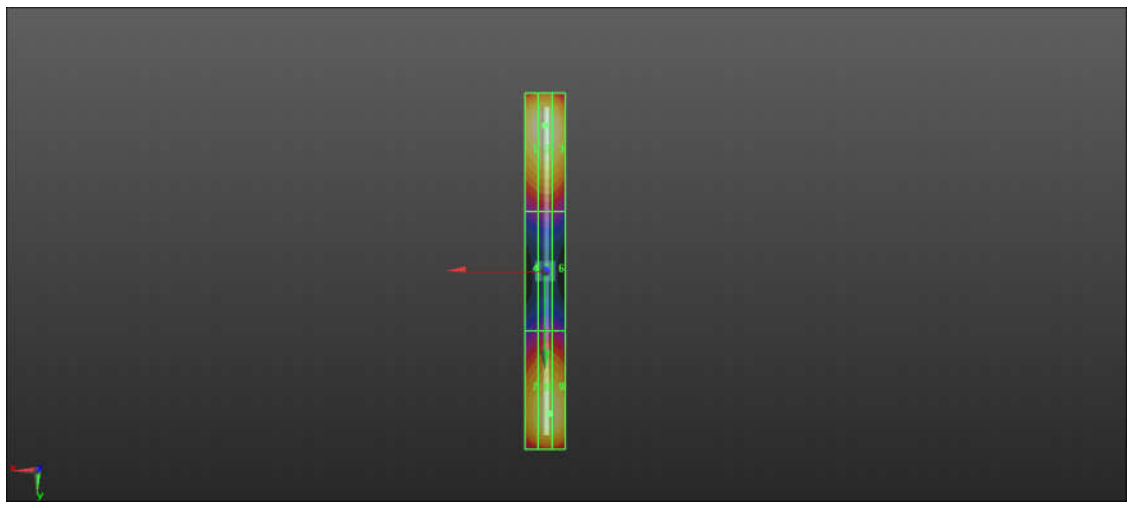
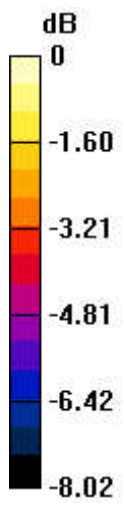
Grid 1 M4 109.8 V/m	Grid 2 M4 112.2 V/m	Grid 3 M4 110.2 V/m
Grid 4 M4 64.89 V/m	Grid 5 M4 66.14 V/m	Grid 6 M4 65.35 V/m
Grid 7 M4 101.9 V/m	Grid 8 M4 105.8 V/m	Grid 9 M4 102.8 V/m

Cursor:

Total = 112.2 V/m

E Category: M4

Location: -0.5, -69.5, 9.7 mm



0 dB = 112.2 V/m = 40.98 dBV/m

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

Communication System: UID 0, CW; Frequency: 1880 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); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

E Scan - measurement distance from the probe sensor center to CD1880 = 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 = 136.6 V/m; Power Drift = -0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.59 V/m

Average value of Total=(92.59+80.9)/2= 86.745 V/m

PMF scaled E-field

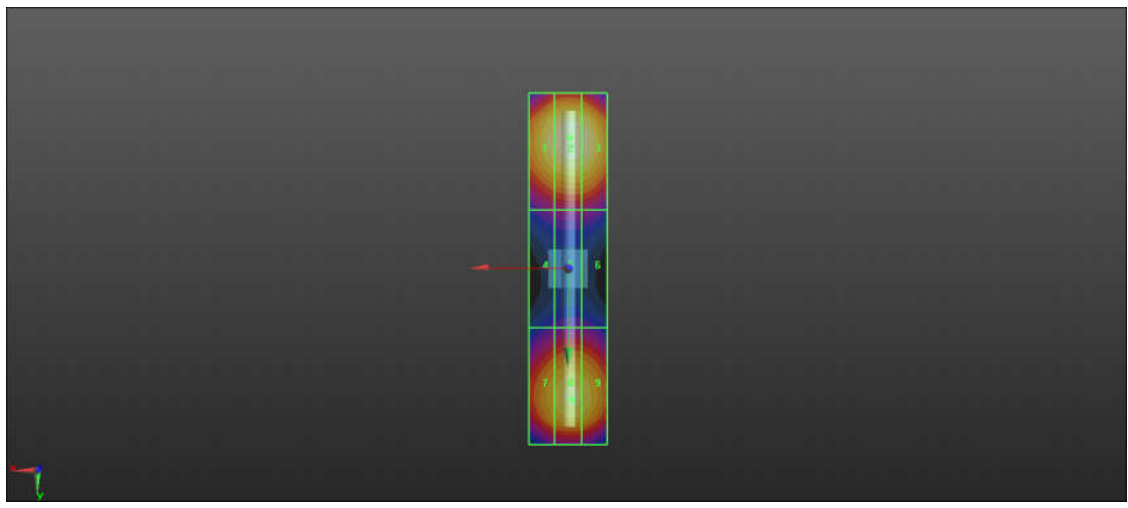
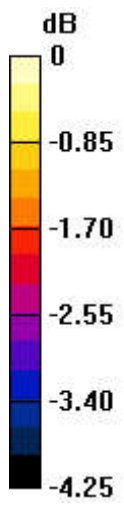
Grid 1 M3 90.49 V/m	Grid 2 M3 92.59 V/m	Grid 3 M3 91.03 V/m
Grid 4 M3 72.58 V/m	Grid 5 M3 73.44 V/m	Grid 6 M3 72.32 V/m
Grid 7 M3 78.42 V/m	Grid 8 M3 80.90 V/m	Grid 9 M3 80.47 V/m

Cursor:

Total = 92.59 V/m

E Category: M3

Location: 0, -30.5, 9.7 mm



0 dB = 95.59 V/m = 39.32 dBV/m

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 84.85 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.69 V/m

Average value of Total=(91.69+81.89)/2=86.79 V/m

PMF scaled E-field

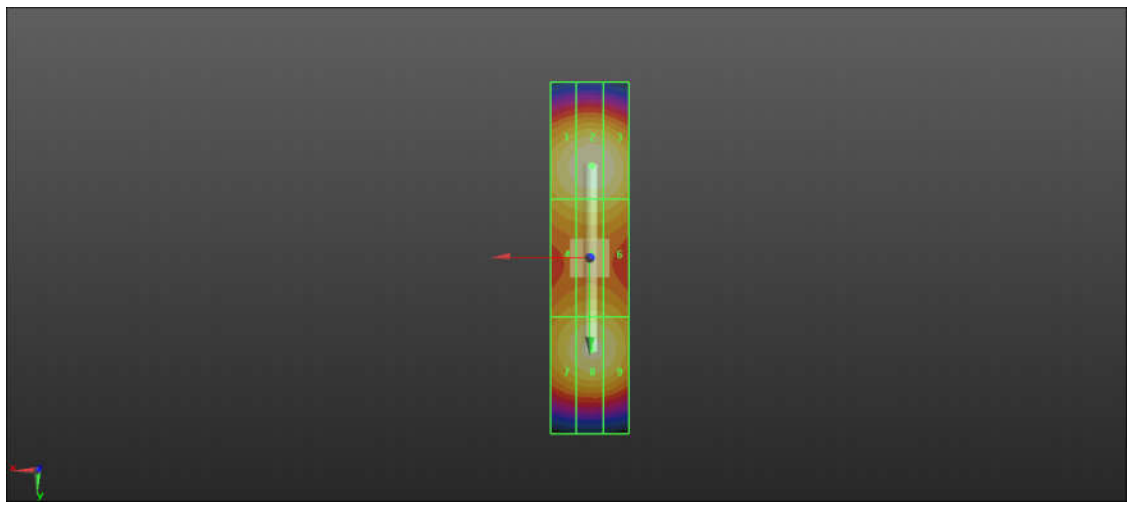
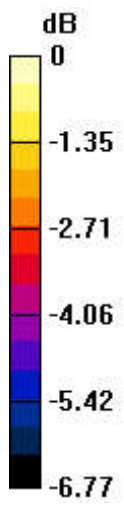
Grid 1 M3 89.76 V/m	Grid 2 M3 91.69 V/m	Grid 3 M3 90.52 V/m
Grid 4 M3 86.37 V/m	Grid 5 M3 87.72 V/m	Grid 6 M3 86.45 V/m
Grid 7 M3 79.69 V/m	Grid 8 M3 81.89 V/m	Grid 9 M3 81.19 V/m

Cursor:

Total = 91.69 V/m

E Category: M3

Location: -0.5, -21.5, 9.7 mm



0 dB = 91.69 V/m = 39.24 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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

E Scan - measurement distance from the probe sensor center to CD2600 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid:

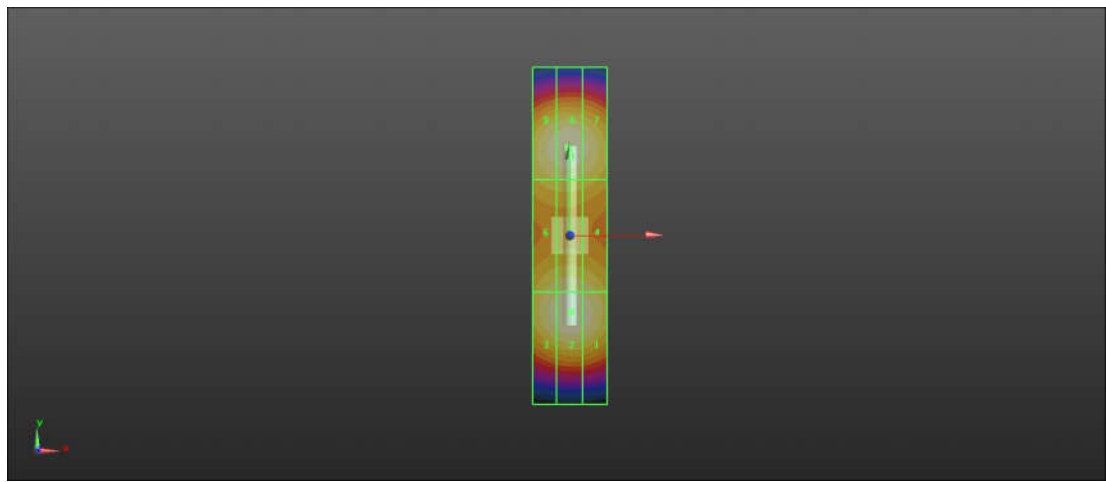
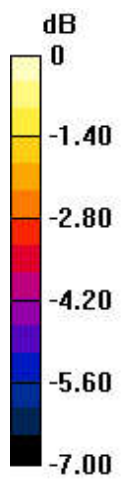
dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 74.61 V/m; Power Drift = -0.04 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 90.93 V/m
 Average value of Total=(90.93+90.71)/2=90.82 V/m

PMF scaled E-field

Grid 1 M3 89.26 V/m	Grid 2 M3 90.93 V/m	Grid 3 M3 88.8 V/m
Grid 4 M3 85.55 V/m	Grid 5 M3 87.01 V/m	Grid 6 M3 85.41 V/m
Grid 7 M3 87.99 V/m	Grid 8 M3 90.71 V/m	Grid 9 M3 89.23 V/m

Cursor:

Total = 90.93 V/m
 E Category: M3
 Location: 0.5, -20.5, 8.7 mm



0 dB = 93.11 V/m = 39.38 dBV/m