

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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- 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 = 121.6 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.5 V/m

Average value of Total=(117.5+111.7)/2=114.6 V/m

PMF scaled E-field

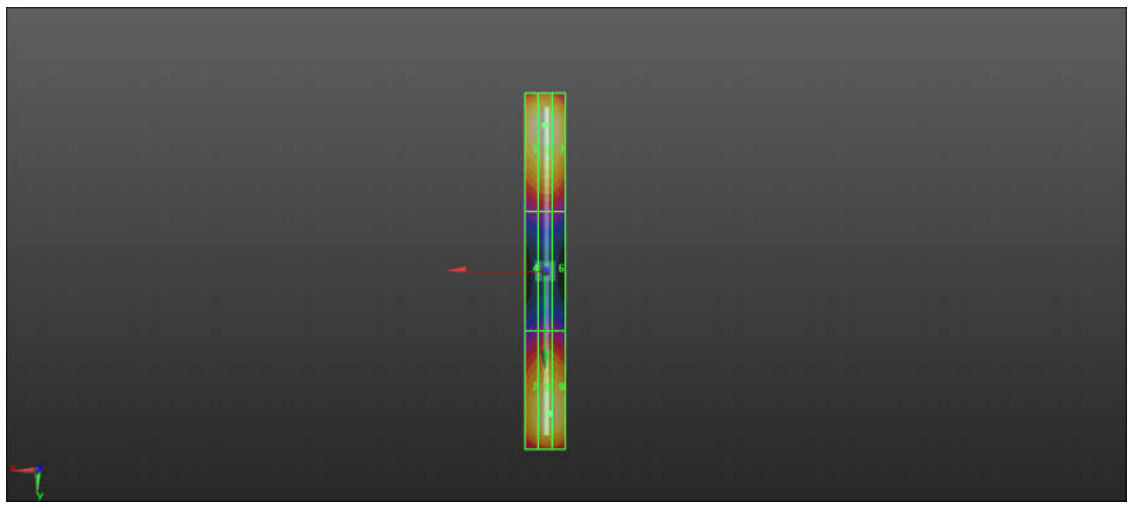
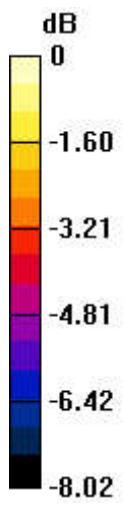
Grid 1 M4 114.7 V/m	Grid 2 M4 117.5 V/m	Grid 3 M4 113.7 V/m
Grid 4 M4 69.05 V/m	Grid 5 M4 70.24 V/m	Grid 6 M4 69.75 V/m
Grid 7 M4 104.7 V/m	Grid 8 M4 111.7 V/m	Grid 9 M4 110.2 V/m

Cursor:

Total = 115.5 V/m

E Category: M4

Location: 0, -73.5, 8.7 mm



0 dB = 115.5 V/m = 40.99 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- 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 = 142.5 V/m; Power Drift = 0.13 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 96.75 V/m

Average value of Total=(97.32+91.94)/2=94.63 V/m

PMF scaled E-field

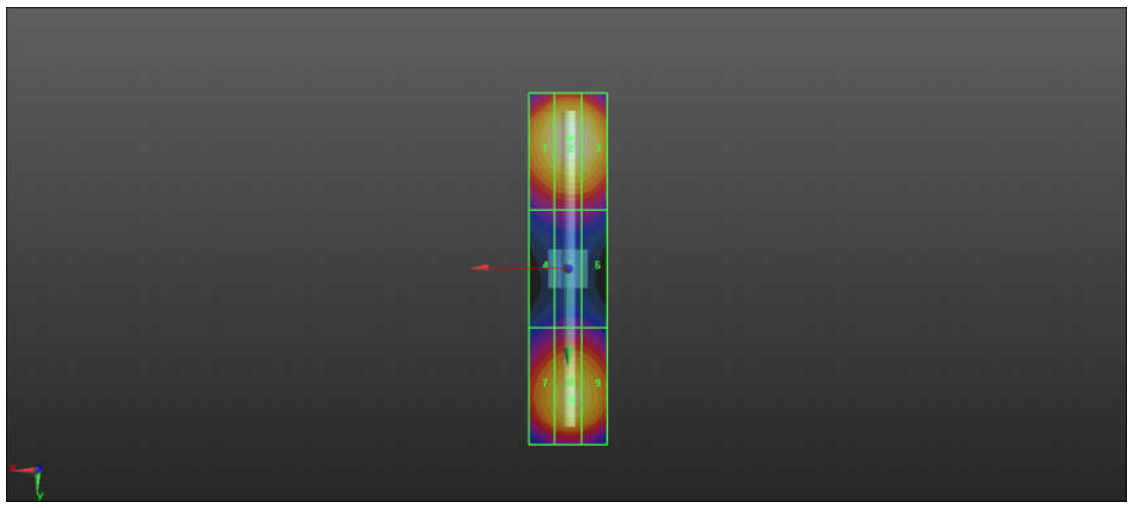
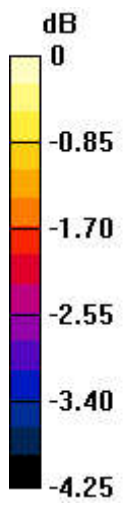
Grid 1 M3 93.85 V/m	Grid 2 M3 97.32 V/m	Grid 3 M3 96.18 V/m
Grid 4 M3 72.52 V/m	Grid 5 M3 73.91 V/m	Grid 6 M3 73.35 V/m
Grid 7 M3 88.85 V/m	Grid 8 M3 91.94 V/m	Grid 9 M3 91.36 V/m

Cursor:

Total = 96.75 V/m

E Category: M3

Location: -0.5, -33.5, 8.7 mm



0 dB = 96.75 V/m = 39.66 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- 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 = 72.86 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.19 V/m

Average value of Total=(91.19+88.33)/2=89.76 V/m

PMF scaled E-field

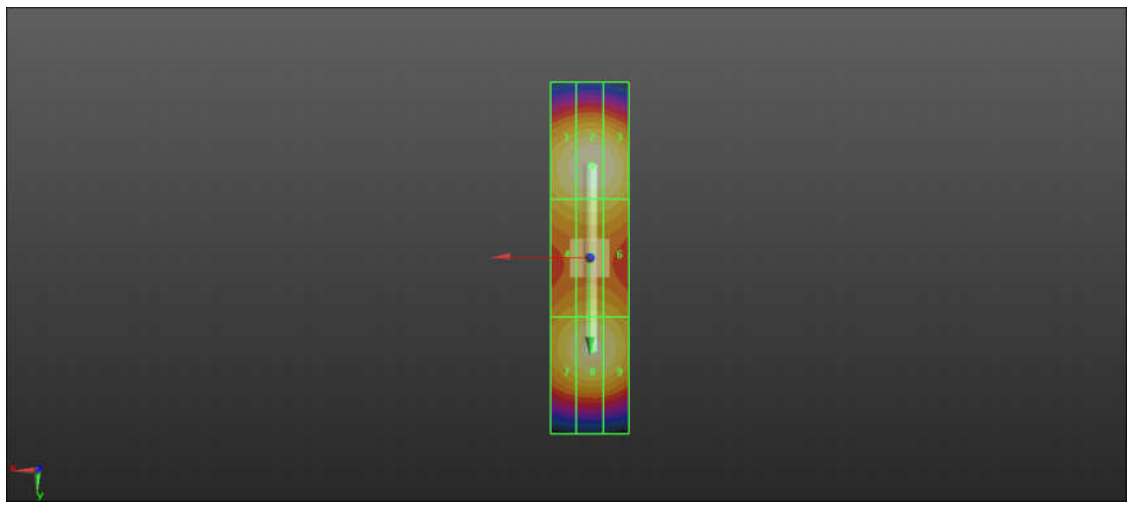
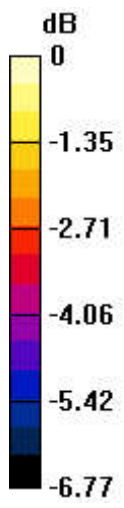
Grid 1 M3 88.98 V/m	Grid 2 M3 91.19 V/m	Grid 3 M3 89.99 V/m
Grid 4 M3 82.13 V/m	Grid 5 M3 83.43 V/m	Grid 6 M3 83.08 V/m
Grid 7 M3 84.93 V/m	Grid 8 M3 88.33 V/m	Grid 9 M3 87.25 V/m

Cursor:

Total = 91.19 V/m

E Category: M3

Location: -0.5, -23.5, 8.7 mm



0 dB = 91.19 V/m = 39.35 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- 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 = 73.96 V/m; Power Drift = 0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.92 V/m

Average value of Total=(87.42+87.96)/2 = 87.69 V/m

PMF scaled E-field

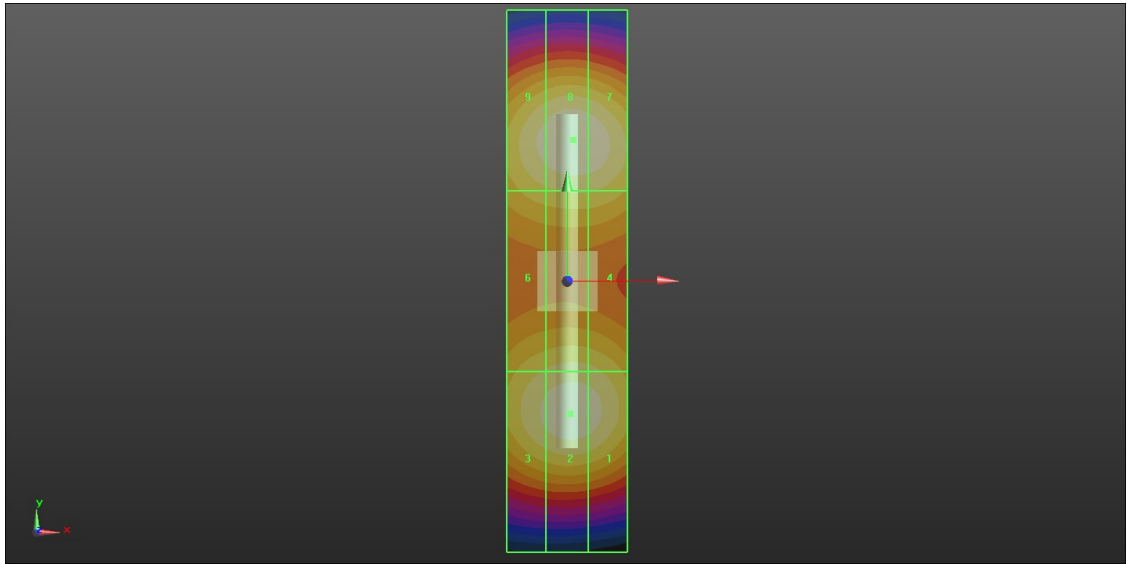
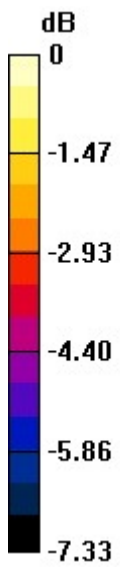
Grid 1 M3 85.98 V/m	Grid 2 M3 87.42 V/m	Grid 3 M3 84.35 V/m
Grid 4 M3 80.25 V/m	Grid 5 M3 81.05 V/m	Grid 6 M3 79.05 V/m
Grid 7 M3 86.95 V/m	Grid 8 M3 87.96 V/m	Grid 9 M3 85.19 V/m

Cursor:

Total = 87.92 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 87.92 V/m = 38.43 dBV/m