

HAC_E_Dipole_835_141104**DUT: HAC-Dipole 835 MHz**

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 10mm distance (41x361x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 108.7 V/m; Power Drift = 0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 188.8 V/m

Average value of Total=(188.8+147.6) / 2 = 168.2 V/m

PMF scaled E-field

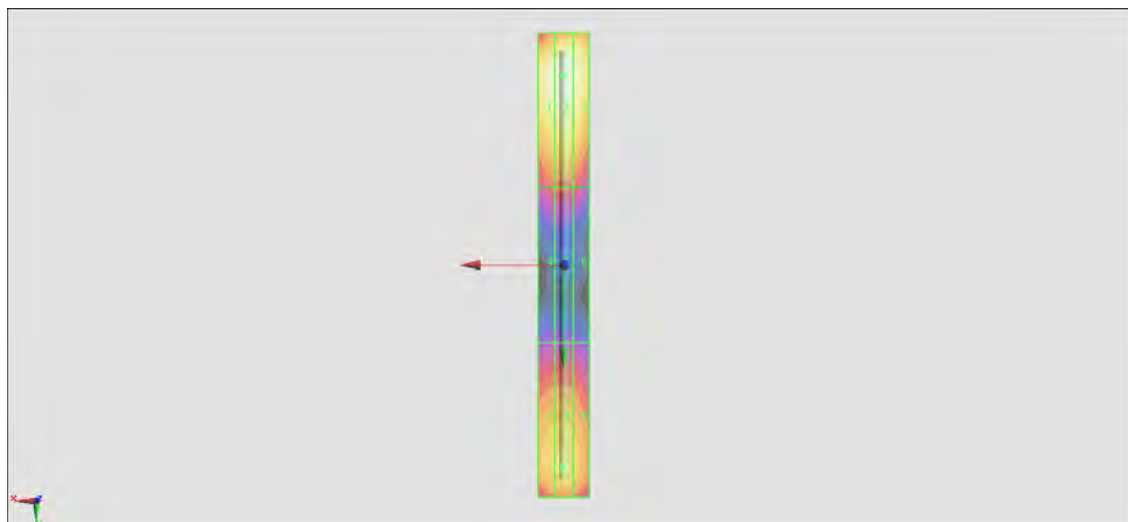
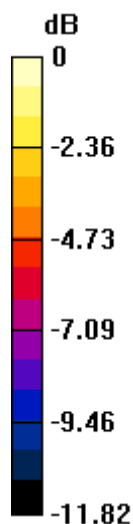
Grid 1 M4 184.3 V/m	Grid 2 M4 188.8 V/m	Grid 3 M4 182.0 V/m
Grid 4 M4 102.4 V/m	Grid 5 M4 104.7 V/m	Grid 6 M4 99.55 V/m
Grid 7 M4 144.9 V/m	Grid 8 M4 147.6 V/m	Grid 9 M4 141.0 V/m

Cursor:

Total = 188.8 V/m

E Category: M4

Location: 0.5, -73.5, 4.7 mm



$$0 \text{ dB} = 188.8 \text{ V/m} = 45.52 \text{ dBV/m}$$

HAC_E_Dipole_1880_141104**DUT: HAC Dipole 1880 MHz**

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 10mm distance (41x181x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 147.5 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 131.7 V/m

Average value of Total=(131.7+130.7) / 2 = 131.2 V/m

PMF scaled E-field

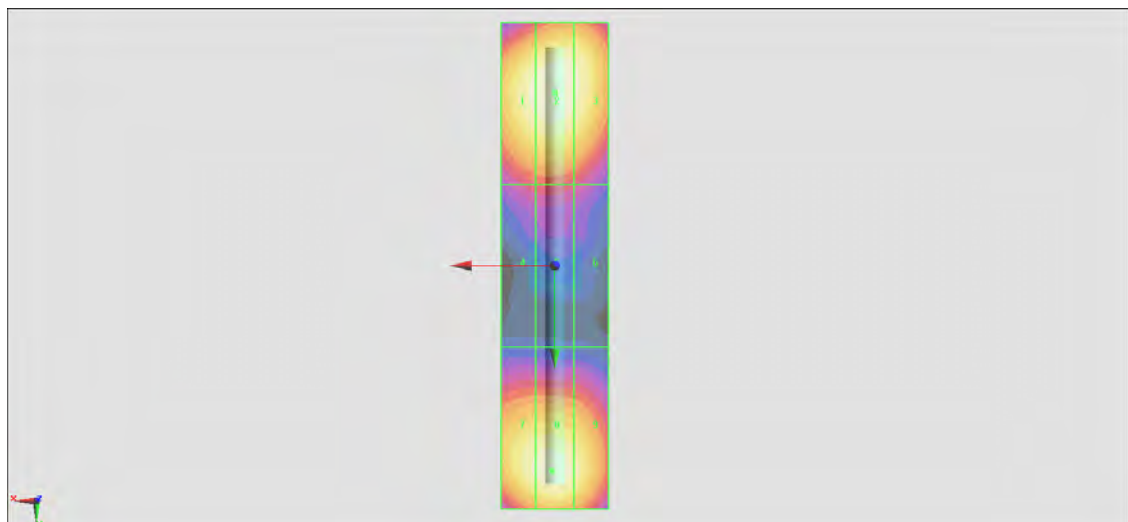
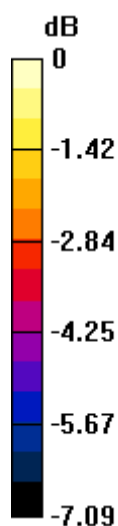
Grid 1 M2 128.4 V/m	Grid 2 M2 131.7 V/m	Grid 3 M2 128.1 V/m
Grid 4 M3 89.35 V/m	Grid 5 M3 90.82 V/m	Grid 6 M3 86.73 V/m
Grid 7 M2 126.9 V/m	Grid 8 M2 130.7 V/m	Grid 9 M2 123.7 V/m

Cursor:

Total = 131.7 V/m

E Category: M2

Location: 0, -32, 4.7 mm



$$0 \text{ dB} = 131.7 \text{ V/m} = 42.39 \text{ dBV/m}$$