

HAC_E_Dipole_835_141230

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 : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- 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 15mm distance (41x361x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 111.2 V/m; Power Drift = -0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 118.1 V/m

Average value of Total=(118.1+109.9) / 2 = 114 V/m

PMF scaled E-field

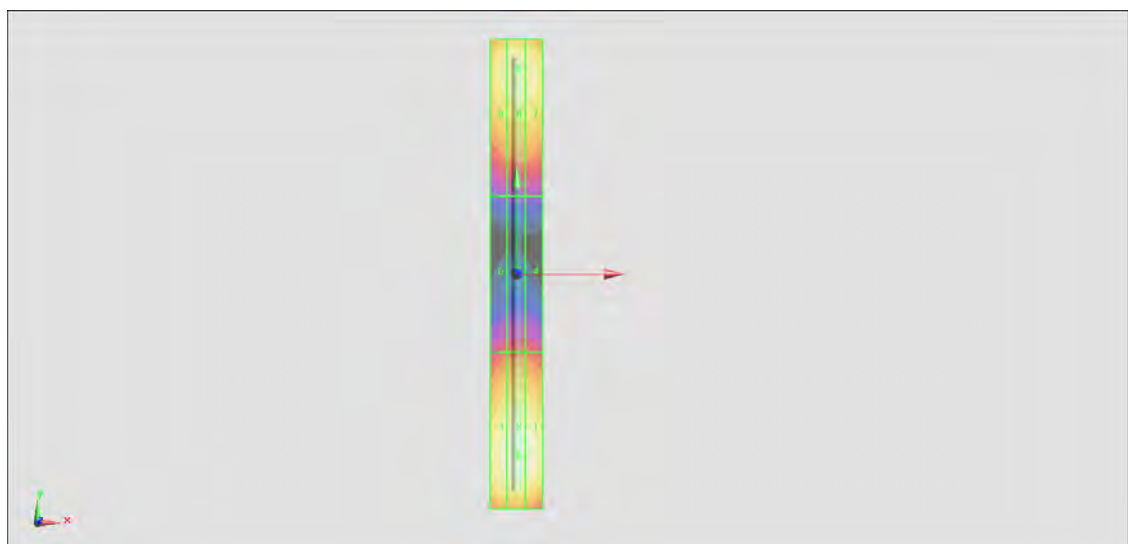
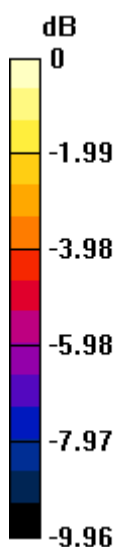
Grid 1 M4 116.1 V/m	Grid 2 M4 118.1 V/m	Grid 3 M4 115.0 V/m
Grid 4 M4 72.12 V/m	Grid 5 M4 73.15 V/m	Grid 6 M4 71.53 V/m
Grid 7 M4 108.5 V/m	Grid 8 M4 109.9 V/m	Grid 9 M4 107.8 V/m

Cursor:

Total = 118.1 V/m

E Category: M4

Location: 0.5, -69.5, 9.7 mm



$$0 \text{ dB} = 118.1 \text{ V/m} = 41.44 \text{ dBV/m}$$

HAC_E_Dipole_1880_141230

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 : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- 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 15mm distance (41x181x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 142.9 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.47 V/m

Average value of Total=(86.47+79.19) / 2 = 82.83 V/m

PMF scaled E-field

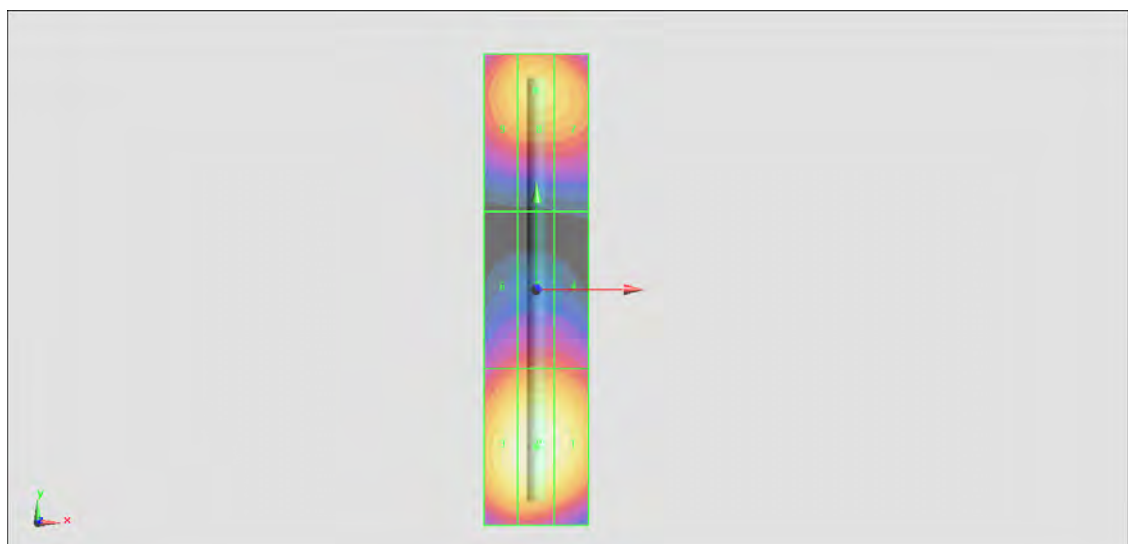
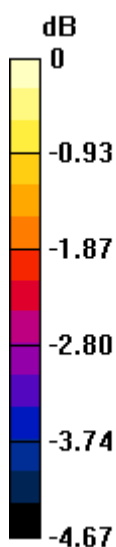
Grid 1 M3 84.67 V/m	Grid 2 M3 86.47 V/m	Grid 3 M3 85.21 V/m
Grid 4 M3 69.80 V/m	Grid 5 M3 70.55 V/m	Grid 6 M3 69.04 V/m
Grid 7 M3 77.92 V/m	Grid 8 M3 79.19 V/m	Grid 9 M3 77.86 V/m

Cursor:

Total = 86.47 V/m

E Category: M3

Location: 0, -30, 9.7 mm



$$0 \text{ dB} = 86.47 \text{ V/m} = 38.74 \text{ dBV/m}$$