

HAC_E_Dipole_835_140514**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 : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Dipole E-Field measurement (E-field scan for ANSI C63.19-2007 & -2011 compliance)/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 = 101.1 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 101.2 V/m

Average value of Total=(101.2+99.69) / 2 = 100.445 V/m

PMF scaled E-field

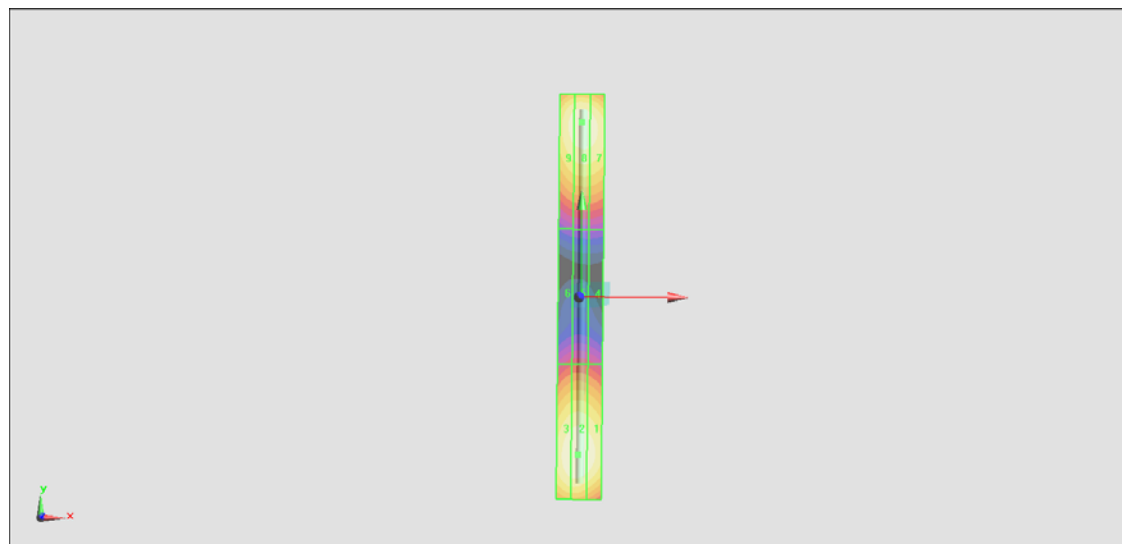
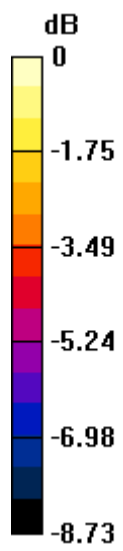
Grid 1 M4 99.47 V/m	Grid 2 M4 101.2 V/m	Grid 3 M4 100.3 V/m
Grid 4 M4 61.91 V/m	Grid 5 M4 63.04 V/m	Grid 6 M4 62.57 V/m
Grid 7 M4 98.39 V/m	Grid 8 M4 99.69 V/m	Grid 9 M4 98.20 V/m

Cursor:

Total = 101.2 V/m

E Category: M4

Location: -0.5, -70, 9.7 mm



0 dB = 101.2 V/m = 40.10 dBV/m

HAC_E_Dipole_1880_140514**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 : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Dipole E-Field measurement (E-field scan for ANSI C63.19-2007 & -2011 compliance)/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 = 145.2 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.52 V/m

Average value of Total=(87.52+83.32) / 2 = 85.42 V/m

PMF scaled E-field

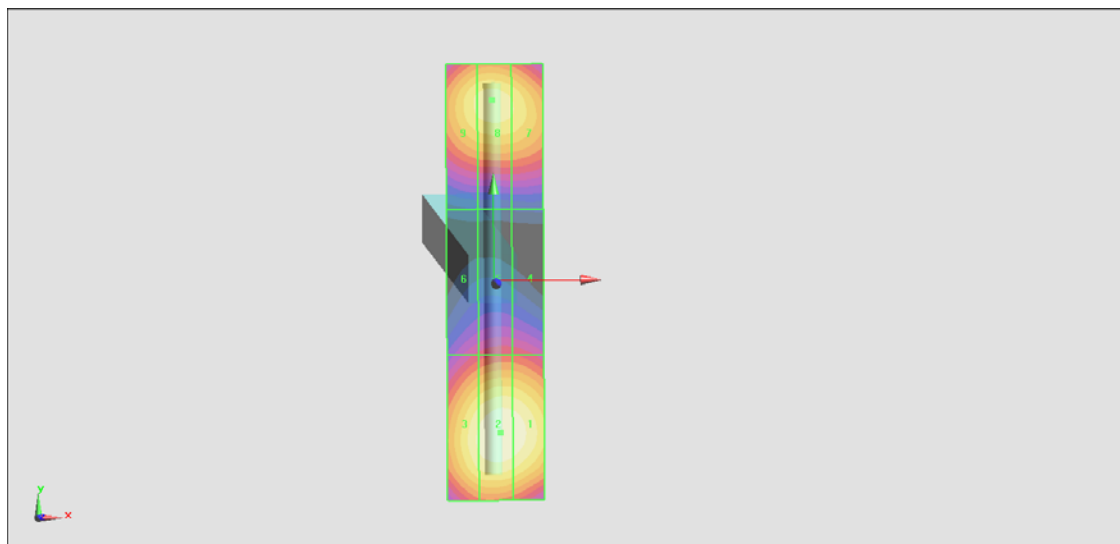
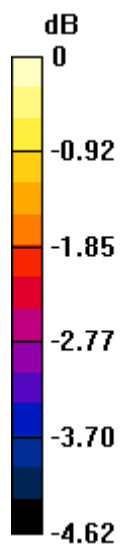
Grid 1 M3 86.85 V/m	Grid 2 M3 87.52 V/m	Grid 3 M3 85.09 V/m
Grid 4 M3 68.44 V/m	Grid 5 M3 68.62 V/m	Grid 6 M3 66.82 V/m
Grid 7 M3 81.96 V/m	Grid 8 M3 83.32 V/m	Grid 9 M3 82.32 V/m

Cursor:

Total = 87.52 V/m

E Category: M3

Location: 1, -31, 9.7 mm



0 dB = 87.52 V/m = 38.84 dBV/m