

HAC_E_Dipole_835_150204

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 : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2014/6/18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- 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 = 120.8 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.2 V/m

Average value of Total=(115.2+105.4) / 2 = 110.3 V/m

PMF scaled E-field

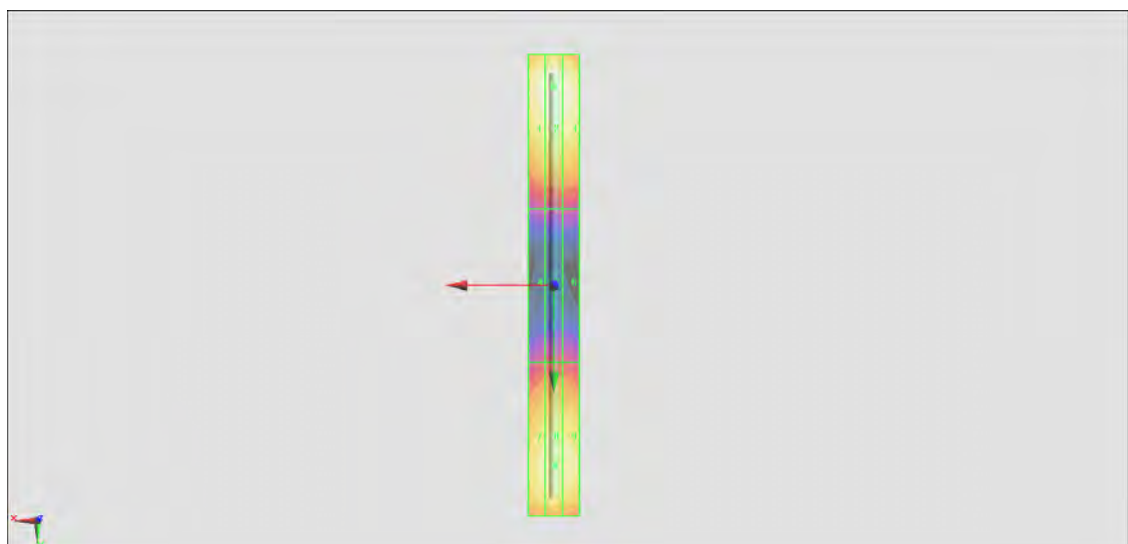
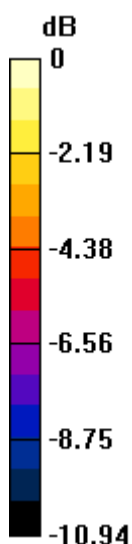
Grid 1 M4 113.1 V/m	Grid 2 M4 115.2 V/m	Grid 3 M4 112.7 V/m
Grid 4 M4 61.19 V/m	Grid 5 M4 62.90 V/m	Grid 6 M4 62.21 V/m
Grid 7 M4 103.1 V/m	Grid 8 M4 105.4 V/m	Grid 9 M4 104.0 V/m

Cursor:

Total = 115.2 V/m

E Category: M4

Location: 0, -78, 9.7 mm



$$0 \text{ dB} = 115.2 \text{ V/m} = 41.23 \text{ dBV/m}$$

HAC_E_Dipole_1880_150204

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 : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2014/6/18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- 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 = 146.4 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.62 V/m

Average value of Total=(91.99+94.62) / 2 = 93.305 V/m

PMF scaled E-field

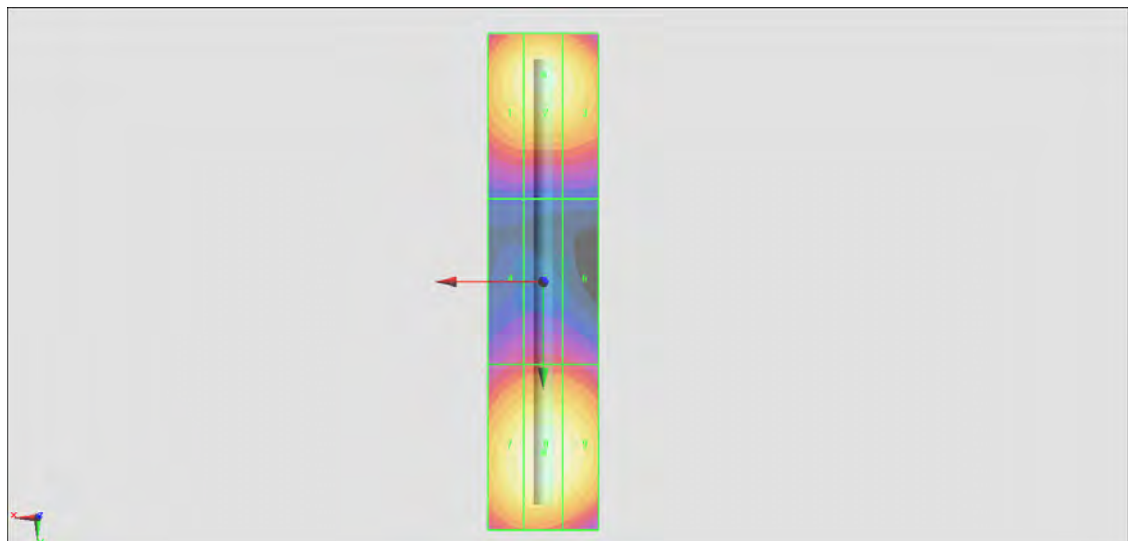
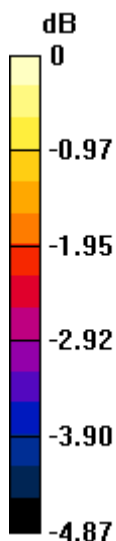
Grid 1 M3 90.72 V/m	Grid 2 M3 91.99 V/m	Grid 3 M3 90.50 V/m
Grid 4 M3 71.92 V/m	Grid 5 M3 73.40 V/m	Grid 6 M3 72.58 V/m
Grid 7 M3 92.79 V/m	Grid 8 M3 94.62 V/m	Grid 9 M3 93.14 V/m

Cursor:

Total = 94.62 V/m

E Category: M3

Location: 0, 31, 9.7 mm



$$0 \text{ dB} = 94.62 \text{ V/m} = 39.52 \text{ dBV/m}$$