

HAC_E_Dipole_835_150127

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 - SN2302; ConvF(1, 1, 1); Calibrated: 2014/6/18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- 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 = 109.2 V/m; Power Drift = -0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 113.8 V/m

Average value of Total=(113.8+108.2) / 2 = 111 V/m

PMF scaled E-field

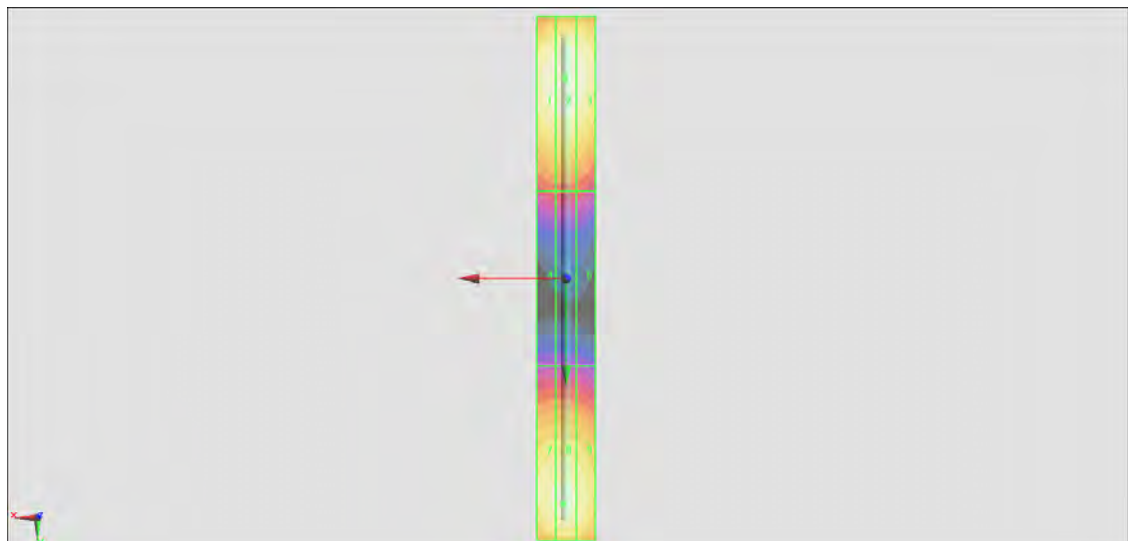
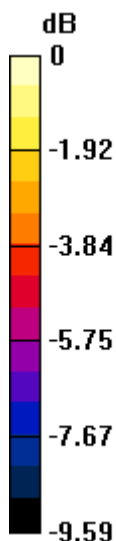
Grid 1 M4 112.5 V/m	Grid 2 M4 113.8 V/m	Grid 3 M4 112.0 V/m
Grid 4 M4 69.59 V/m	Grid 5 M4 69.91 V/m	Grid 6 M4 68.52 V/m
Grid 7 M4 107.4 V/m	Grid 8 M4 108.2 V/m	Grid 9 M4 105.8 V/m

Cursor:

Total = 113.8 V/m

E Category: M4

Location: 0.5, -69, 9.7 mm



$$0 \text{ dB} = 113.8 \text{ V/m} = 41.12 \text{ dBV/m}$$

HAC_E_Dipole_1880_150127

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 - SN2302; ConvF(1, 1, 1); Calibrated: 2014/6/18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- 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 = 156.8 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 96.11 V/m

Average value of Total=(96.11+90.18) / 2 = 93.145 V/m

PMF scaled E-field

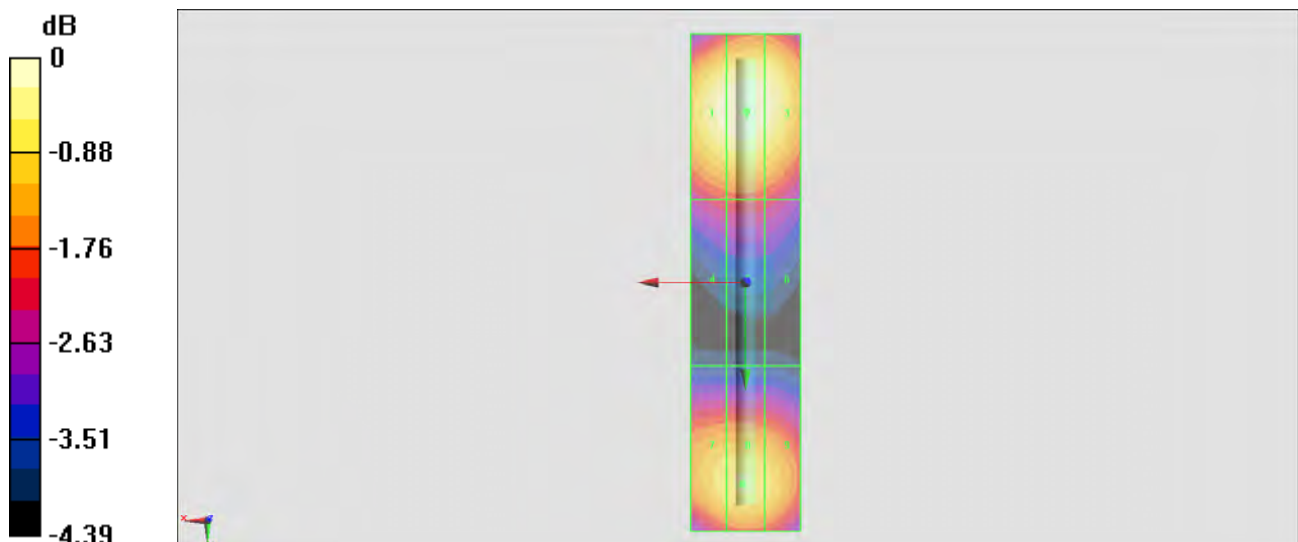
Grid 1 M3 94.89 V/m	Grid 2 M3 96.11 V/m	Grid 3 M3 94.56 V/m
Grid 4 M3 76.35 V/m	Grid 5 M3 77.03 V/m	Grid 6 M3 75.66 V/m
Grid 7 M3 89.13 V/m	Grid 8 M3 90.18 V/m	Grid 9 M3 88.63 V/m

Cursor:

Total = 96.11 V/m

E Category: M3

Location: 0, -31, 9.7 mm



$$0 \text{ dB} = 96.11 \text{ V/m} = 39.66 \text{ dBV/m}$$