

HAC_E_Dipole_835_150501

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium: Air Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$
 Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- 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:

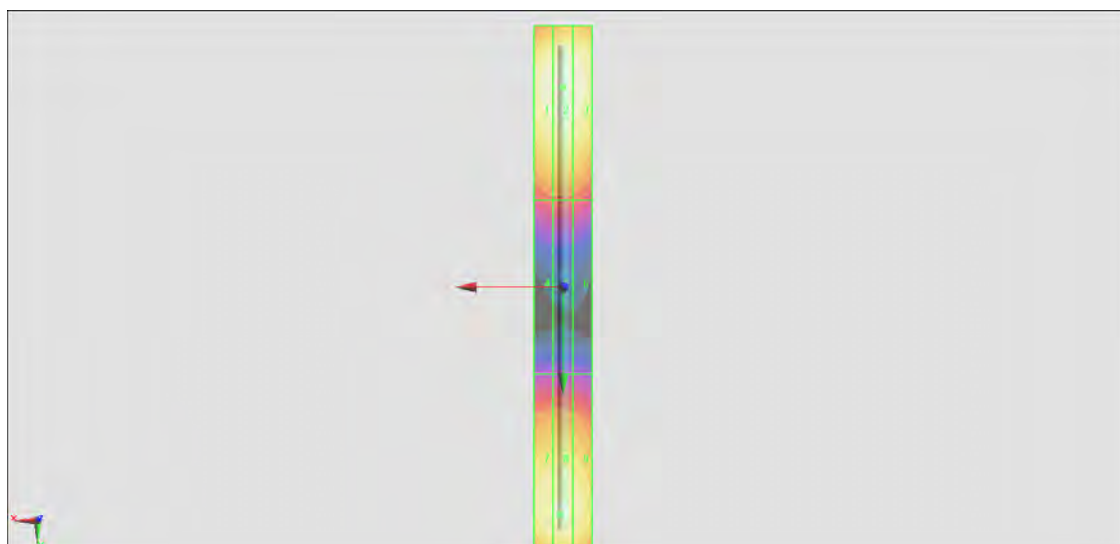
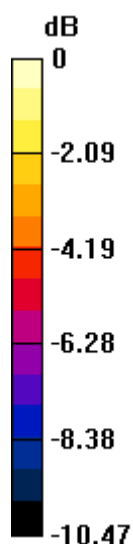
$dx=0.5000 \text{ mm}$, $dy=0.5000 \text{ mm}$
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 103.4 V/m; Power Drift = 0.02 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 112.8 V/m
 Average value of Total=(112.8+105.5) / 2 = 109.15 V/m

PMF scaled E-field

Grid 1 M4 111.2 V/m	Grid 2 M4 112.8 V/m	Grid 3 M4 111.6 V/m
Grid 4 M4 67.83 V/m	Grid 5 M4 68.43 V/m	Grid 6 M4 67.31 V/m
Grid 7 M4 104.7 V/m	Grid 8 M4 105.5 V/m	Grid 9 M4 102.6 V/m

Cursor:

Total = 112.8 V/m
 E Category: M4
 Location: 0, -69, 9.7 mm



$$0 \text{ dB} = 112.8 \text{ V/m} = 41.05 \text{ dBV/m}$$

HAC_E_Dipole_1880_150501

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: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- 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 = 151.1 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.26 V/m

Average value of Total=(92.26+85.48) / 2 = 88.87 V/m

PMF scaled E-field

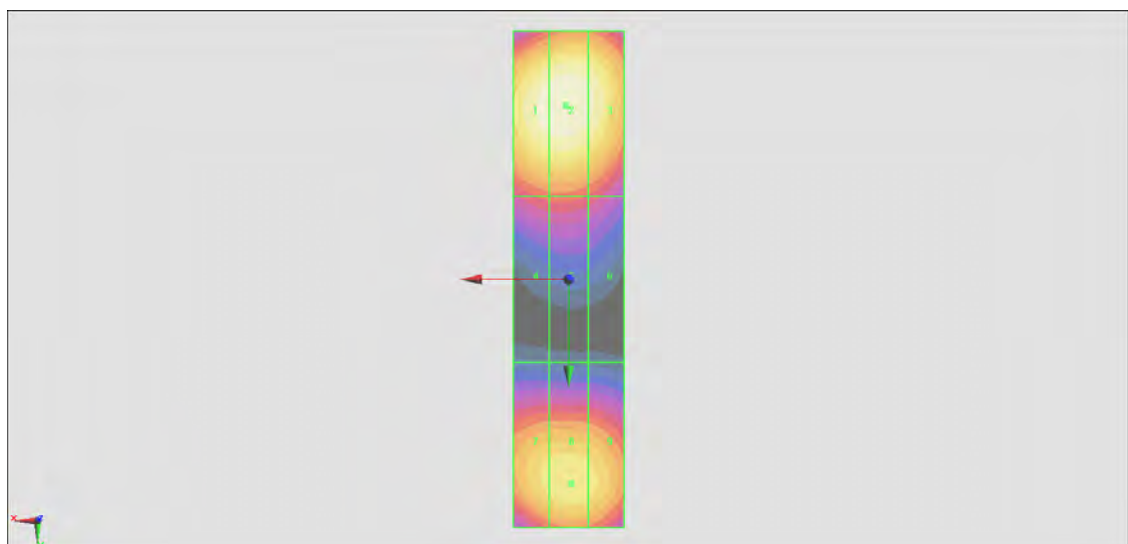
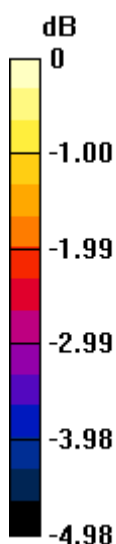
Grid 1 M3 91.41 V/m	Grid 2 M3 92.26 V/m	Grid 3 M3 90.14 V/m
Grid 4 M3 71.91 V/m	Grid 5 M3 72.27 V/m	Grid 6 M3 70.36 V/m
Grid 7 M3 83.99 V/m	Grid 8 M3 85.48 V/m	Grid 9 M3 84.44 V/m

Cursor:

Total = 92.26 V/m

E Category: M3

Location: 0.5, -31.5, 9.7 mm



$$0 \text{ dB} = 92.26 \text{ V/m} = 39.30 \text{ dBV/m}$$