

HAC_E_Dipole_835_161209

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 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid:

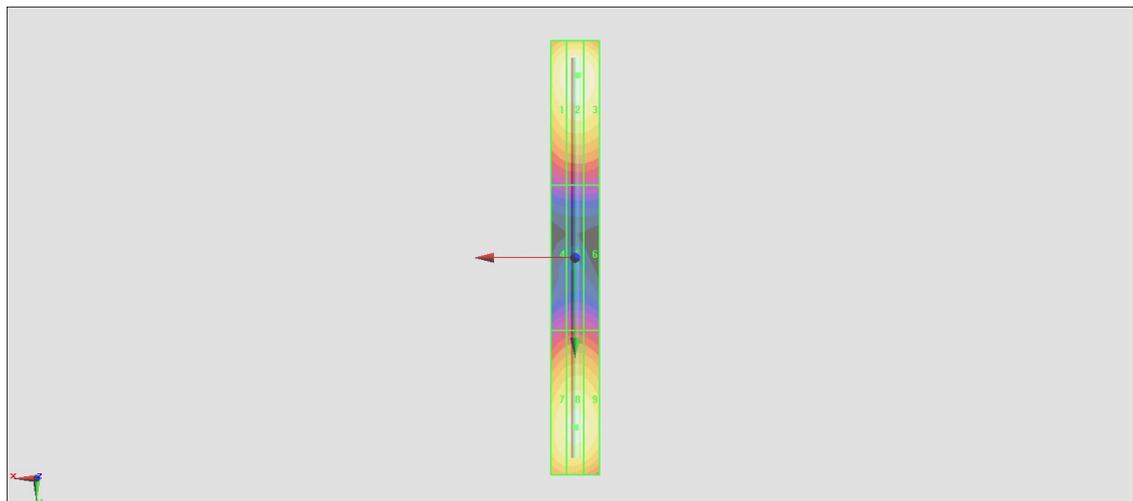
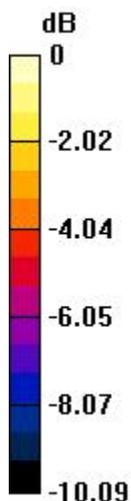
dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 120.6 V/m; Power Drift = 0.05 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 111.8 V/m
 Average value of Total=(111.8+106.9) / 2 = 109.35 V/m

PMF scaled E-field

| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 108.4 V/m | Grid 2 M4 111.8 V/m | Grid 3 M4 110.6 V/m |
| Grid 4 M4 61.28 V/m | Grid 5 M4 62.66 V/m | Grid 6 M4 61.77 V/m |
| Grid 7 M4 105.0 V/m | Grid 8 M4 106.9 V/m | Grid 9 M4 105.2 V/m |

Cursor:

Total = 111.8 V/m
 E Category: M4
 Location: -1, -75.5, 9.7 mm



0 dB = 111.8 V/m = 40.97 dBV/m

HAC_E_Dipole_1880_161209

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 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 147.8 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.58 V/m

Average value of Total=(87.58+82.42) / 2 = 85 V/m

PMF scaled E-field

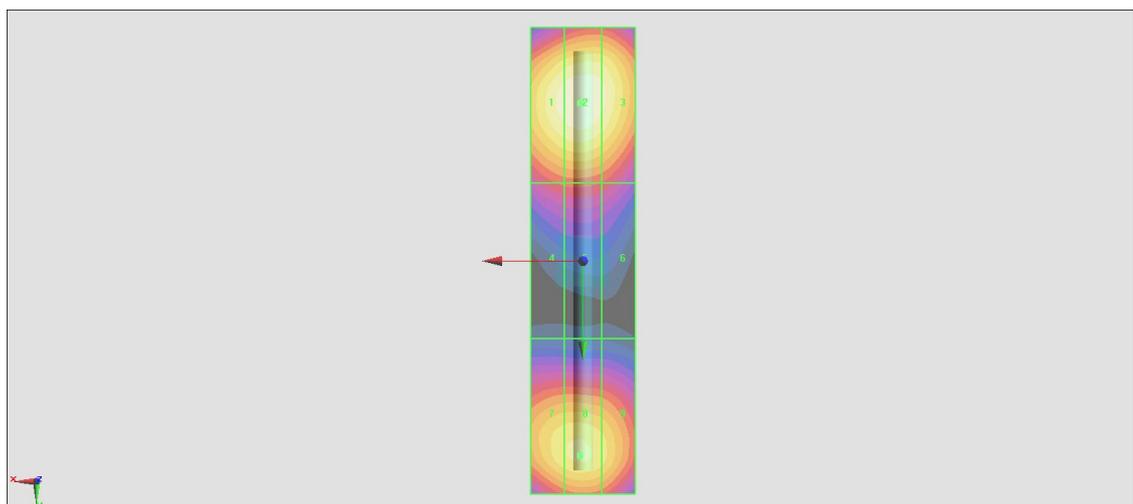
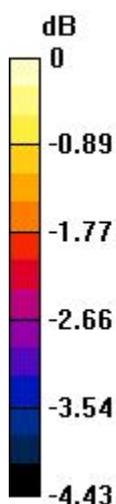
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M3 86.20 V/m | Grid 2 M3 87.58 V/m | Grid 3 M3 85.51 V/m |
| Grid 4 M3 69.88 V/m | Grid 5 M3 70.18 V/m | Grid 6 M3 69.00 V/m |
| Grid 7 M3 81.57 V/m | Grid 8 M3 82.42 V/m | Grid 9 M3 80.52 V/m |

Cursor:

Total = 87.58 V/m

E Category: M3

Location: 0.5, -30.5, 9.7 mm



0 dB = 87.58 V/m = 38.85 dBV/m