

HAC_E_Dipole_835

DUT: CD835V3-1149

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 : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- 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:

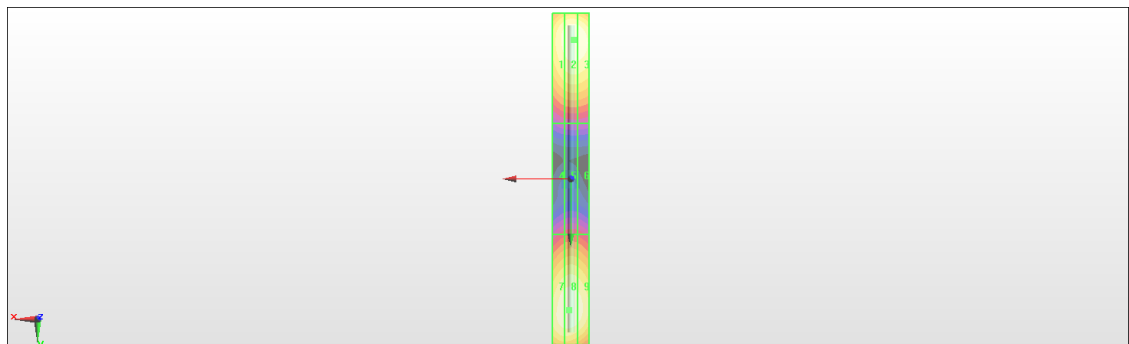
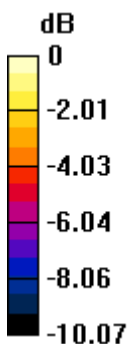
$dx=0.5000 \text{ mm}$, $dy=0.5000 \text{ mm}$
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 126.6 V/m; Power Drift = -0.01 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 111.5 V/m
 Average value of Total= $(111.5+111.2) / 2 = 111.35 \text{ V/m}$

PMF scaled E-field

Grid 1 M4 106.8 V/m	Grid 2 M4 111.5 V/m	Grid 3 M4 110.7 V/m
Grid 4 M4 63.21 V/m	Grid 5 M4 64.55 V/m	Grid 6 M4 63.65 V/m
Grid 7 M4 110.3 V/m	Grid 8 M4 111.2 V/m	Grid 9 M4 108.6 V/m

Cursor:

Total = 111.5 V/m
 E Category: M4
 Location: -1.5, -75.5, 9.7 mm



0 dB = 111.5 V/m = 40.95 dBV/m

HAC_E_Dipole_1880

DUT: CD1880V3-1135

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 : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- 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 = 140.0 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.35 V/m

Average value of Total=(89.07+90.35) / 2 = 89.71 V/m

PMF scaled E-field

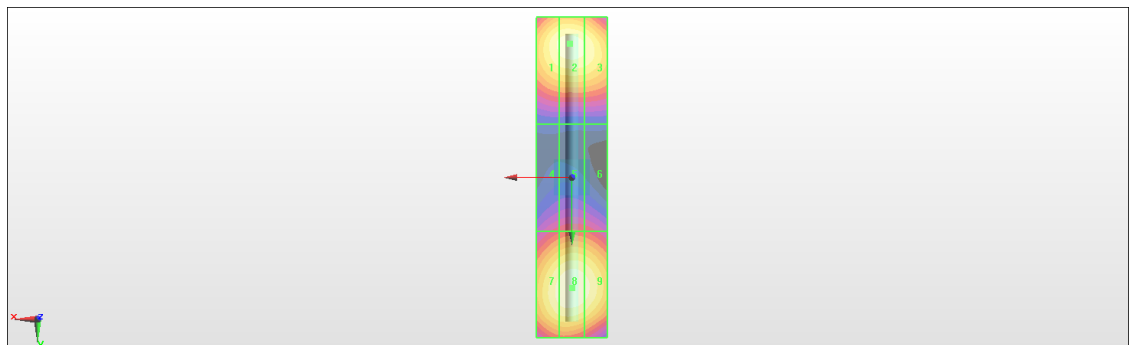
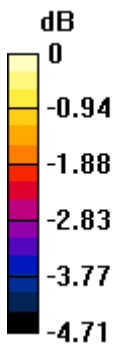
Grid 1 M3 88.03 V/m	Grid 2 M3 89.07 V/m	Grid 3 M3 87.43 V/m
Grid 4 M3 69.59 V/m	Grid 5 M3 70.89 V/m	Grid 6 M3 70.19 V/m
Grid 7 M3 88.61 V/m	Grid 8 M3 90.35 V/m	Grid 9 M3 88.73 V/m

Cursor:

Total = 90.35 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 90.35 V/m = 39.12 dBV/m