

HAC_E_Dipole_835_170717

DUT: CD835V3-1045

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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 126.4 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.4 V/m

Average value of Total=(111.4+110.1) / 2 = 110.75 V/m

PMF scaled E-field

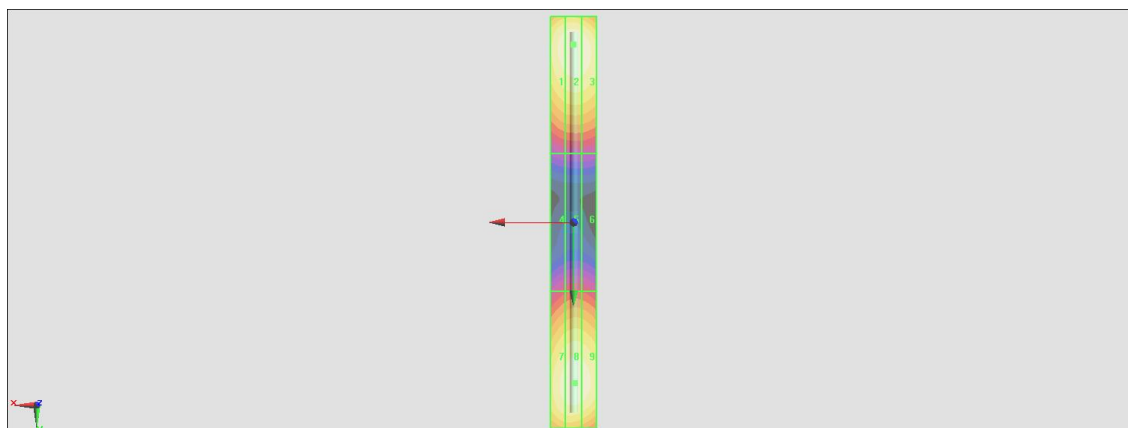
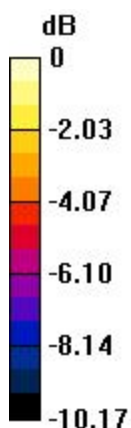
Grid 1 M4 109.1 V/m	Grid 2 M4 111.4 V/m	Grid 3 M4 109.7 V/m
Grid 4 M4 63.14 V/m	Grid 5 M4 64.89 V/m	Grid 6 M4 64.28 V/m
Grid 7 M4 107.3 V/m	Grid 8 M4 110.1 V/m	Grid 9 M4 108.8 V/m

Cursor:

Total = 111.4 V/m

E Category: M4

Location: 0, -77.5, 9.7 mm



0 dB = 111.4 V/m = 40.94 dBV/m

HAC_E_Dipole_835_170719

DUT: CD835V3-1045

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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 126.5 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.4 V/m

Average value of Total=(111.4+111.1) / 2 = 111.25 V/m

PMF scaled E-field

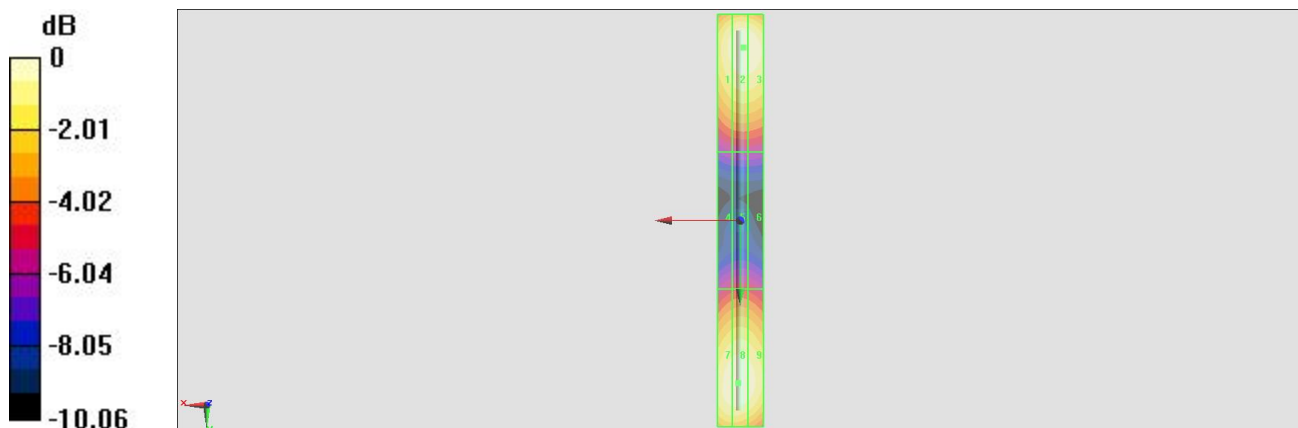
Grid 1 M4 106.8 V/m	Grid 2 M4 111.4 V/m	Grid 3 M4 110.7 V/m
Grid 4 M4 63.16 V/m	Grid 5 M4 64.51 V/m	Grid 6 M4 63.60 V/m
Grid 7 M4 110.2 V/m	Grid 8 M4 111.1 V/m	Grid 9 M4 108.5 V/m

Cursor:

Total = 111.4 V/m

E Category: M4

Location: -1.5, -75.5, 9.7 mm



0 dB = 111.4 V/m = 40.94 dBV/m

HAC_E_Dipole_1880_170717

DUT: CD1880V3-1038

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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 139.9 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.30 V/m

Average value of Total=(89.02+90.3) / 2 = 89.66 V/m

PMF scaled E-field

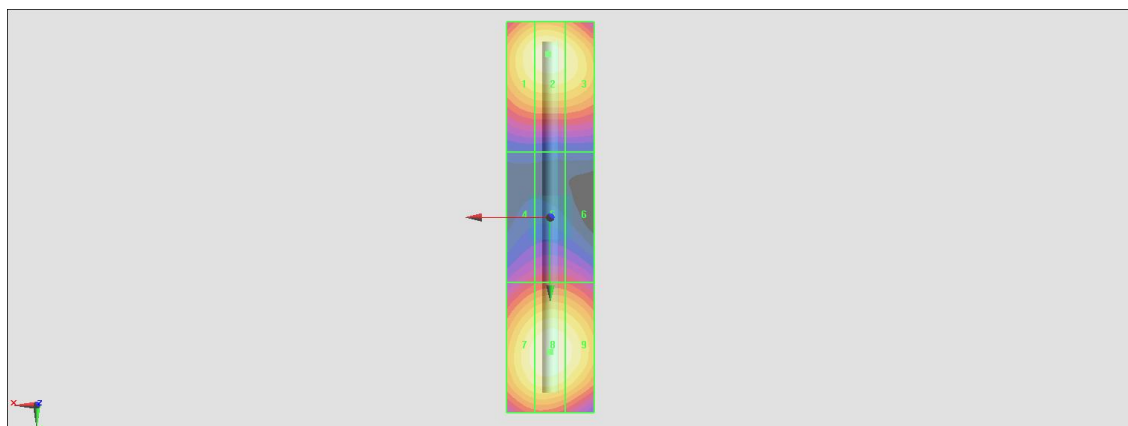
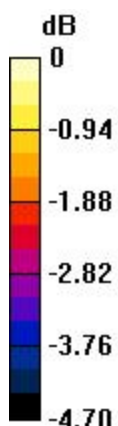
Grid 1 M3 87.99 V/m	Grid 2 M3 89.02 V/m	Grid 3 M3 87.38 V/m
Grid 4 M3 69.55 V/m	Grid 5 M3 70.86 V/m	Grid 6 M3 70.15 V/m
Grid 7 M3 88.56 V/m	Grid 8 M3 90.30 V/m	Grid 9 M3 88.68 V/m

Cursor:

Total = 90.30 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 90.30 V/m = 39.11 dBV/m