

HAC_E_Dipole_835

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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 132.2 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.3 V/m

Average value of Total=(115+115.3) / 2 = 115.15 V/m

PMF scaled E-field

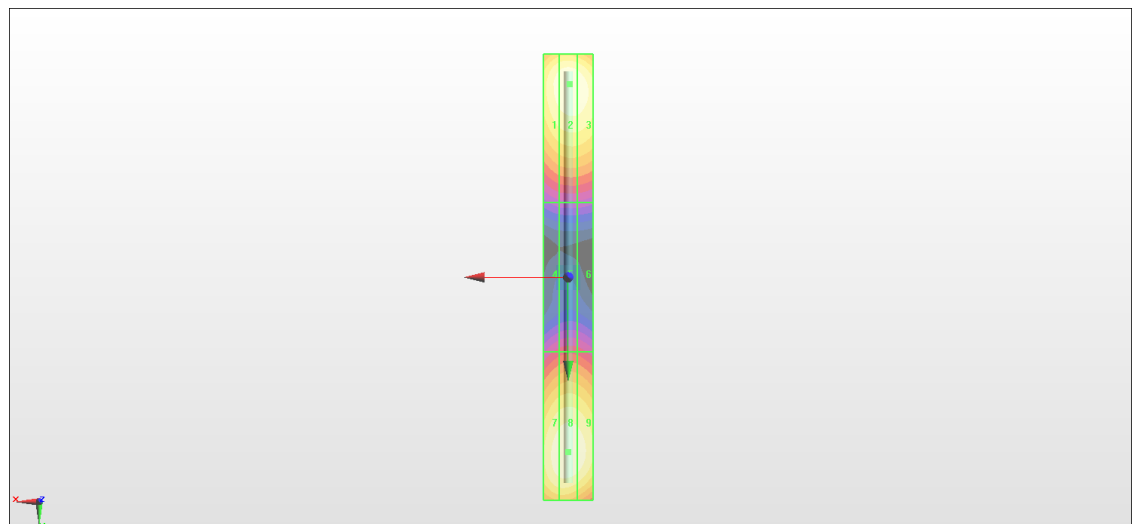
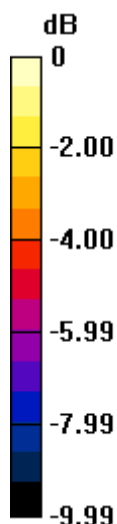
Grid 1 M4 111.8 V/m	Grid 2 M4 115.0 V/m	Grid 3 M4 113.5 V/m
Grid 4 M4 64.93 V/m	Grid 5 M4 66.41 V/m	Grid 6 M4 65.59 V/m
Grid 7 M4 113.2 V/m	Grid 8 M4 115.3 V/m	Grid 9 M4 113.3 V/m

Cursor:

Total = 115.3 V/m

E Category: M4

Location: 0, 70.5, 9.7 mm



0 dB = 115.3 V/m = 41.24 dBV/m

HAC_E_Dipole_1880**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: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 143.7 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.05 V/m

Average value of Total= $(90.32+93.05) / 2 = 91.685$ V/m

PMF scaled E-field

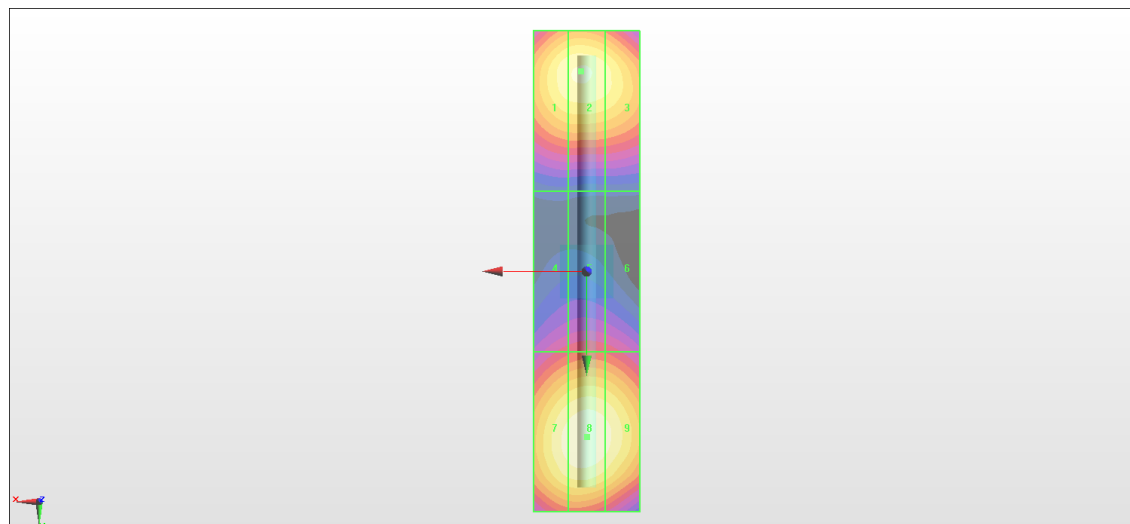
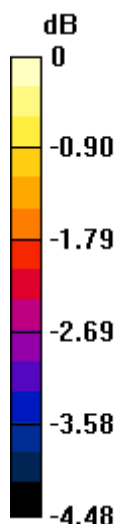
Grid 1 M3 89.50 V/m	Grid 2 M3 90.32 V/m	Grid 3 M3 88.30 V/m
Grid 4 M3 72.35 V/m	Grid 5 M3 73.66 V/m	Grid 6 M3 72.87 V/m
Grid 7 M3 91.38 V/m	Grid 8 M3 93.05 V/m	Grid 9 M3 91.17 V/m

Cursor:

Total = 93.05 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 93.05 V/m = 39.37 dBV/m