

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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 130.2 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 117.0 V/m

Average value of Total=(117+113.1) / 2 = 115.05 V/m

PMF scaled E-field

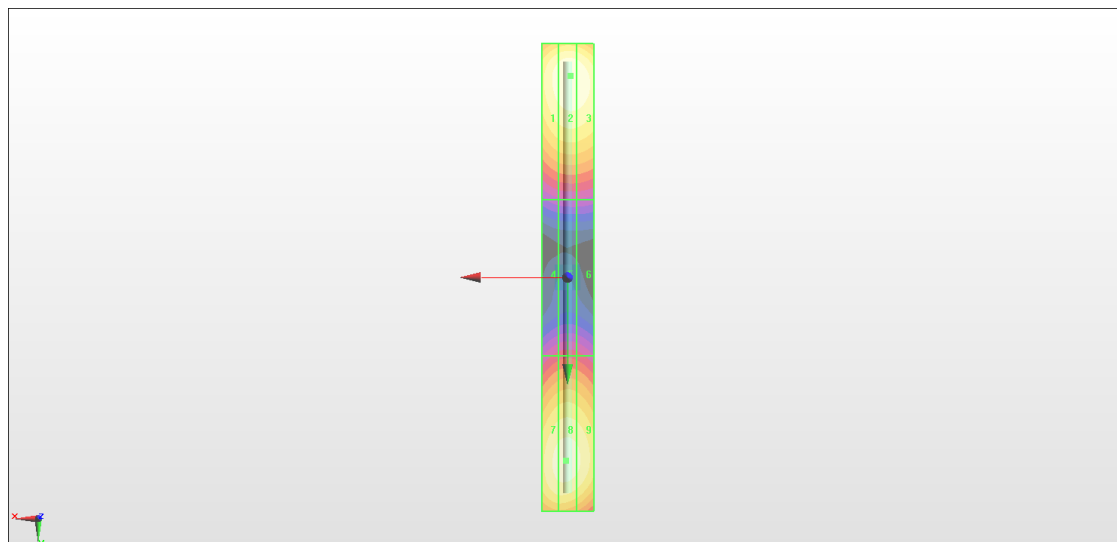
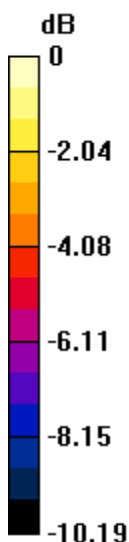
Grid 1 M4 113.0 V/m	Grid 2 M4 117.0 V/m	Grid 3 M4 115.9 V/m
Grid 4 M4 64.94 V/m	Grid 5 M4 66.30 V/m	Grid 6 M4 65.16 V/m
Grid 7 M4 111.8 V/m	Grid 8 M4 113.1 V/m	Grid 9 M4 110.5 V/m

Cursor:

Total = 117.0 V/m

E Category: M4

Location: -1, -77.5, 9.7 mm



0 dB = 117.0 V/m = 41.36 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 = 143.1 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.79 V/m

Average value of Total=(88.03+90.79) / 2 = 89.41 V/m

PMF scaled E-field

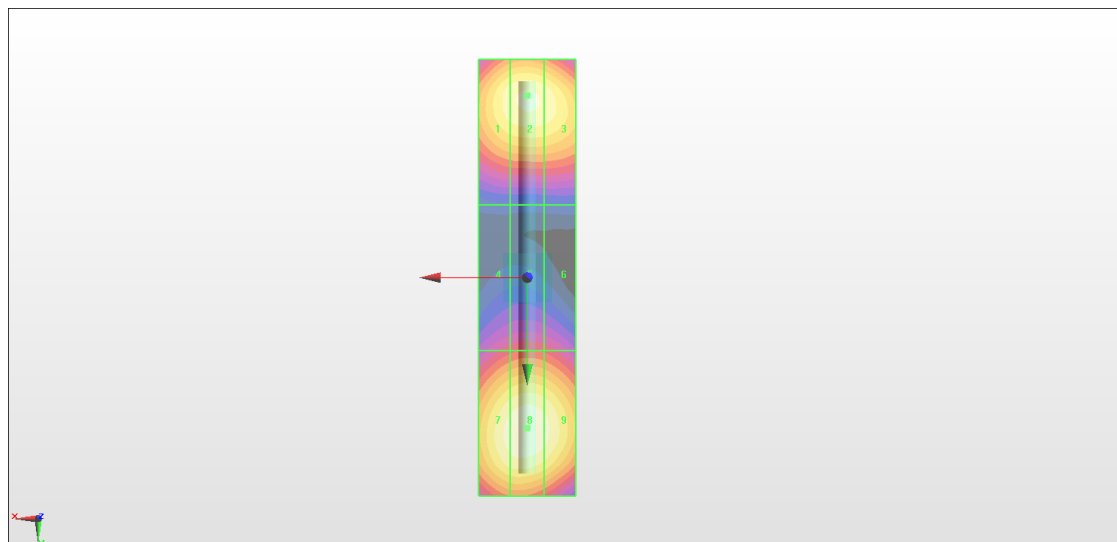
Grid 1 M3 86.56 V/m	Grid 2 M3 88.03 V/m	Grid 3 M3 86.88 V/m
Grid 4 M3 69.16 V/m	Grid 5 M3 70.38 V/m	Grid 6 M3 69.43 V/m
Grid 7 M3 89.16 V/m	Grid 8 M3 90.79 V/m	Grid 9 M3 88.83 V/m

Cursor:

Total = 90.79 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 90.79 V/m = 39.16 dBV/m

HAC_E_Dipole_2450**DUT: HAC Dipole 2450 MHz**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- 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 CD2450 = 10mm & 15mm 2/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 = 84.45 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.45 V/m

Average value of Total=(93.97+94.45) / 2 = 94.21 V/m

PMF scaled E-field

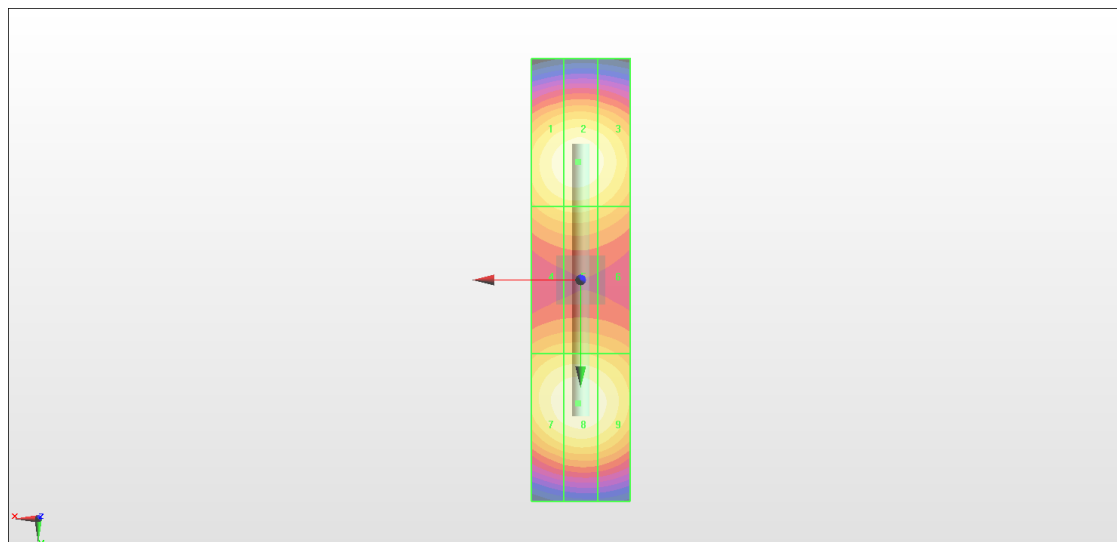
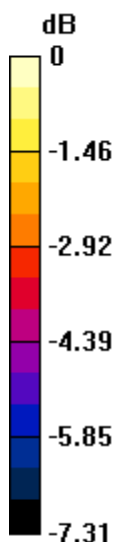
Grid 1 M3 92.56 V/m	Grid 2 M3 93.97 V/m	Grid 3 M3 91.06 V/m
Grid 4 M3 81.79 V/m	Grid 5 M3 82.36 V/m	Grid 6 M3 80.36 V/m
Grid 7 M3 92.83 V/m	Grid 8 M3 94.45 V/m	Grid 9 M3 91.87 V/m

Cursor:

Total = 94.45 V/m

E Category: M3

Location: 0.5, 25, 8.7 mm



0 dB = 94.45 V/m = 39.50 dBV/m