

HAC_E_Dipole_835_140820

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: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 102.3 V/m; Power Drift = 0.00 dB

PMF = 1.000 is applied.

E-field emissions = 105.1 V/m

Average value of Total=(105.1+99.51) / 2 = 102.305 V/m

PMF scaled E-field

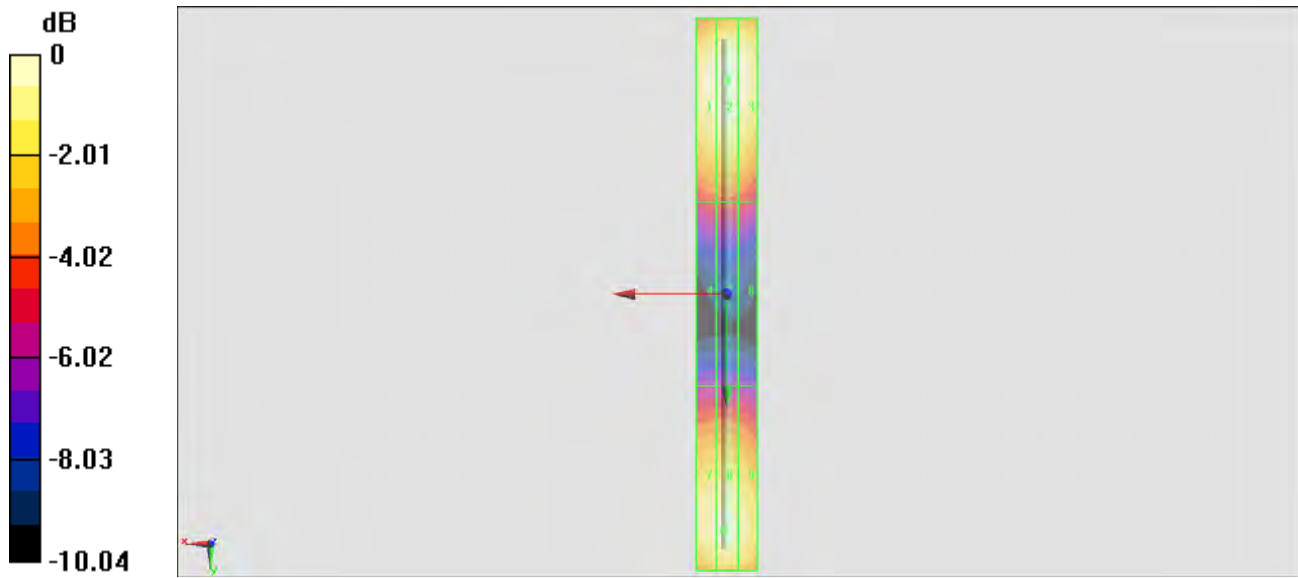
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 103.3 V/m | Grid 2 M4 105.1 V/m | Grid 3 M4 103.3 V/m |
| Grid 4 M4 63.71 V/m | Grid 5 M4 64.13 V/m | Grid 6 M4 62.85 V/m |
| Grid 7 M4 98.88 V/m | Grid 8 M4 99.51 V/m | Grid 9 M4 96.85 V/m |

Cursor:

Total = 105.1 V/m

E Category: M4

Location: 0, -69.5, 9.7 mm



0 dB = 105.1 V/m = 40.43 dBV/m

HAC_E_Dipole_1880_140820

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 152.0 V/m; Power Drift = 0.01 dB

PMF = 1.000 is applied.

E-field emissions = 90.28 V/m

Average value of Total=(90.28+84.18) / 2 = 87.23 V/m

PMF scaled E-field

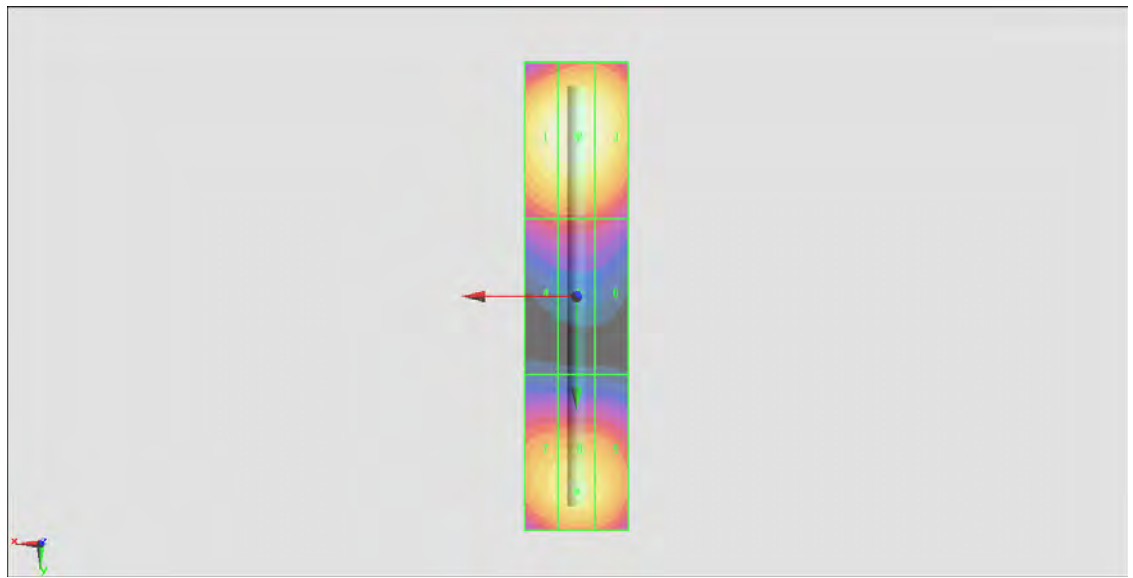
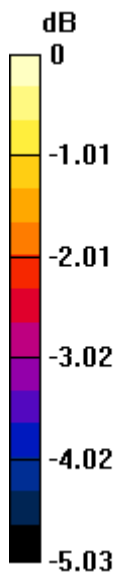
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M3 89.17 V/m | Grid 2 M3 90.28 V/m | Grid 3 M3 88.88 V/m |
| Grid 4 M3 70.28 V/m | Grid 5 M3 70.78 V/m | Grid 6 M3 69.41 V/m |
| Grid 7 M3 82.67 V/m | Grid 8 M3 84.18 V/m | Grid 9 M3 82.75 V/m |

Cursor:

Total = 90.28 V/m

E Category: M3

Location: 0, -31, 9.7 mm



0 dB = 90.28 V/m = 39.11 dBV/m