

## 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/m<sup>3</sup>

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 = 131.7 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 116.4 V/m

Average value of Total=(116.4+116) / 2 = 116.2 V/m

#### PMF scaled E-field

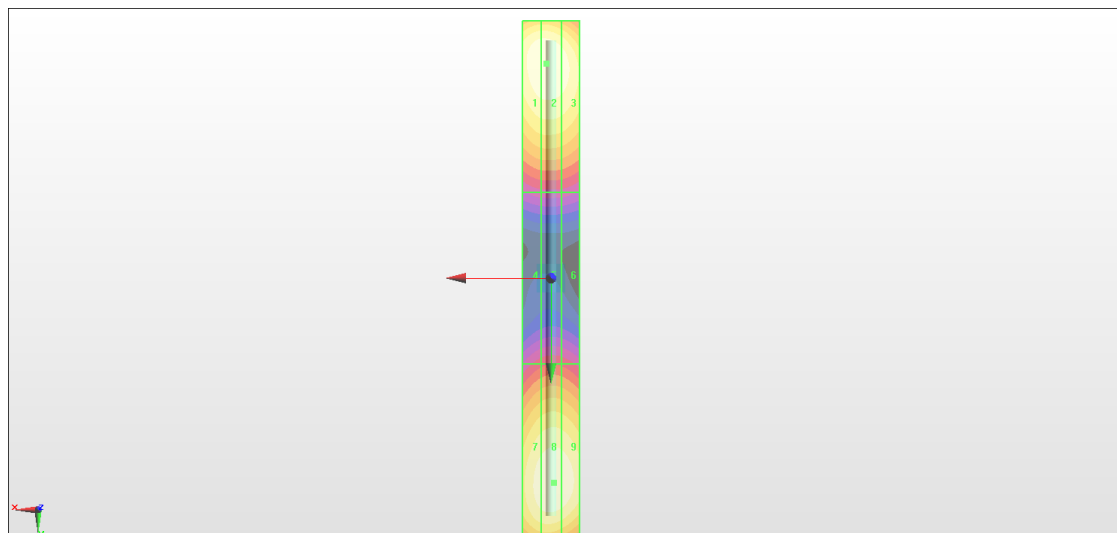
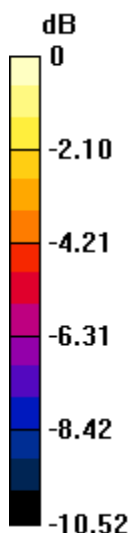
Grid 1 <b>M4</b> <b>115.8 V/m</b>	Grid 2 <b>M4</b> <b>116.4 V/m</b>	Grid 3 <b>M4</b> <b>113.0 V/m</b>
Grid 4 <b>M4</b> <b>64.49 V/m</b>	Grid 5 <b>M4</b> <b>65.95 V/m</b>	Grid 6 <b>M4</b> <b>65.22 V/m</b>
Grid 7 <b>M4</b> <b>112.9 V/m</b>	Grid 8 <b>M4</b> <b>116.0 V/m</b>	Grid 9 <b>M4</b> <b>114.7 V/m</b>

#### Cursor:

Total = 116.4 V/m

E Category: M4

Location: 1.5, -75, 9.7 mm



0 dB = 116.4 V/m = 41.32 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/m<sup>3</sup>

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 = 146.4 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.71 V/m

Average value of Total=(89.02+92.71) / 2 = 90.865 V/m

#### PMF scaled E-field

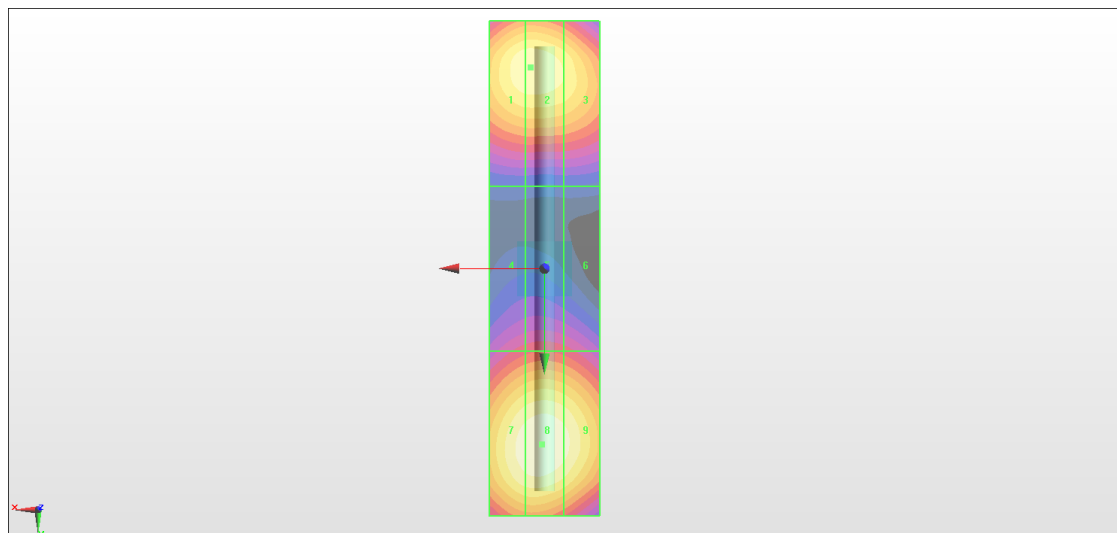
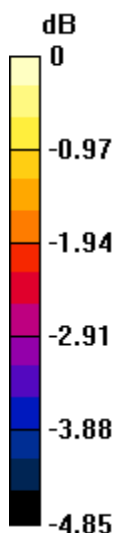
Grid 1 <b>M3</b> <b>88.74 V/m</b>	Grid 2 <b>M3</b> <b>89.02 V/m</b>	Grid 3 <b>M3</b> <b>86.12 V/m</b>
Grid 4 <b>M3</b> <b>70.59 V/m</b>	Grid 5 <b>M3</b> <b>71.51 V/m</b>	Grid 6 <b>M3</b> <b>70.47 V/m</b>
Grid 7 <b>M3</b> <b>91.47 V/m</b>	Grid 8 <b>M3</b> <b>92.71 V/m</b>	Grid 9 <b>M3</b> <b>90.61 V/m</b>

#### Cursor:

Total = 92.71 V/m

E Category: M3

Location: 0.5, 32, 9.7 mm



0 dB = 92.71 V/m = 39.34 dBV/m