

## HAC\_E\_Dipole\_835\_180315

### 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 = 123.4 V/m; Power Drift = -0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.6 V/m

Average value of Total=(109.6+107.6) / 2 = 108.6 V/m

#### PMF scaled E-field

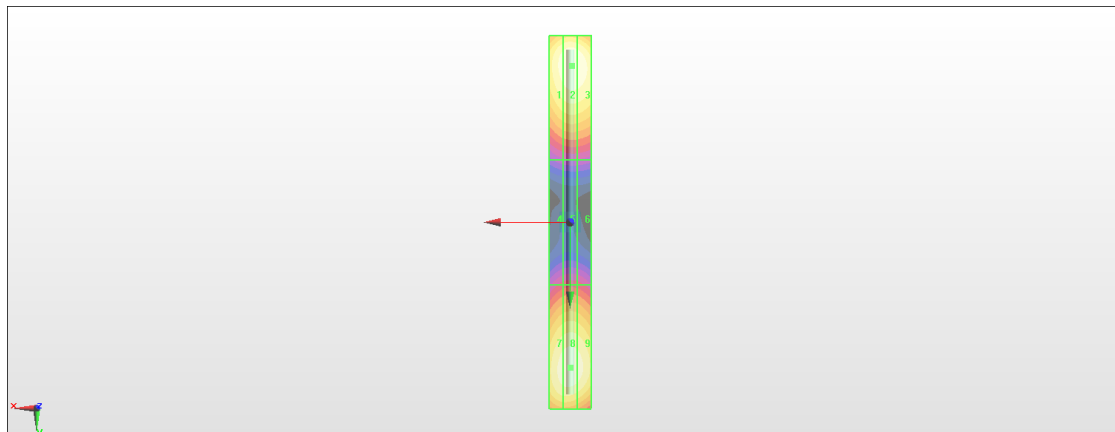
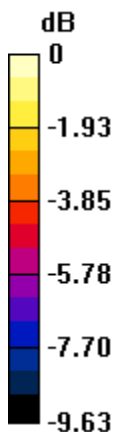
Grid 1 <b>M4</b> <b>106.0 V/m</b>	Grid 2 <b>M4</b> <b>109.6 V/m</b>	Grid 3 <b>M4</b> <b>108.3 V/m</b>
Grid 4 <b>M4</b> <b>62.68 V/m</b>	Grid 5 <b>M4</b> <b>63.73 V/m</b>	Grid 6 <b>M4</b> <b>63.05 V/m</b>
Grid 7 <b>M4</b> <b>105.9 V/m</b>	Grid 8 <b>M4</b> <b>107.6 V/m</b>	Grid 9 <b>M4</b> <b>105.9 V/m</b>

#### Cursor:

Total = 109.6 V/m

E Category: M4

Location: -1, -75.5, 9.7 mm



0 dB = 109.6 V/m = 40.80 dBV/m

## HAC\_E\_Dipole\_1880\_180315

### 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 = 147.6 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.99 V/m

Average value of Total=(88.99+84.71) / 2 = 86.85 V/m

#### PMF scaled E-field

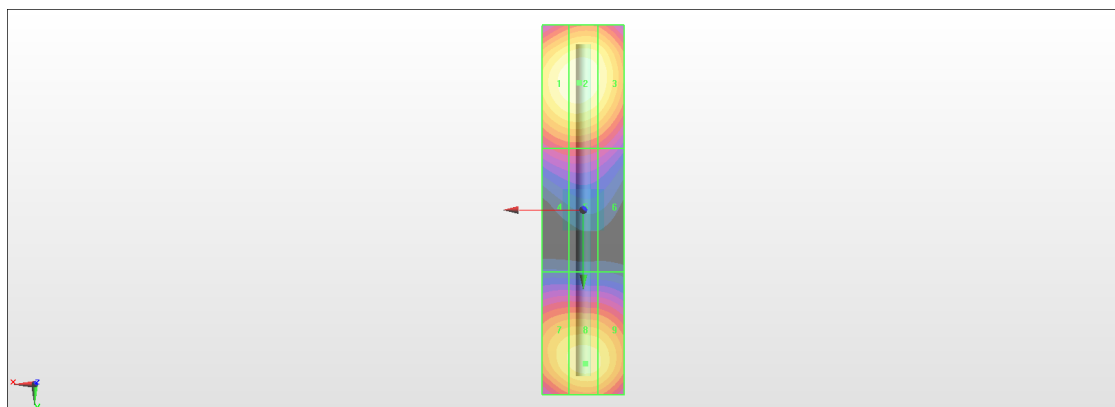
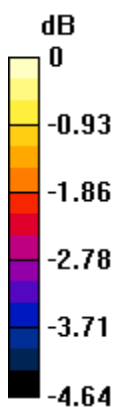
Grid 1 <b>M3</b> <b>88.31 V/m</b>	Grid 2 <b>M3</b> <b>88.99 V/m</b>	Grid 3 <b>M3</b> <b>86.51 V/m</b>
Grid 4 <b>M3</b> <b>69.56 V/m</b>	Grid 5 <b>M3</b> <b>69.75 V/m</b>	Grid 6 <b>M3</b> <b>67.91 V/m</b>
Grid 7 <b>M3</b> <b>83.33 V/m</b>	Grid 8 <b>M3</b> <b>84.71 V/m</b>	Grid 9 <b>M3</b> <b>83.69 V/m</b>

#### Cursor:

Total = 88.99 V/m

E Category: M3

Location: 1, -31, 9.7 mm



0 dB = 88.99 V/m = 38.99 dBV/m