

## 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 : 23.3 °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:

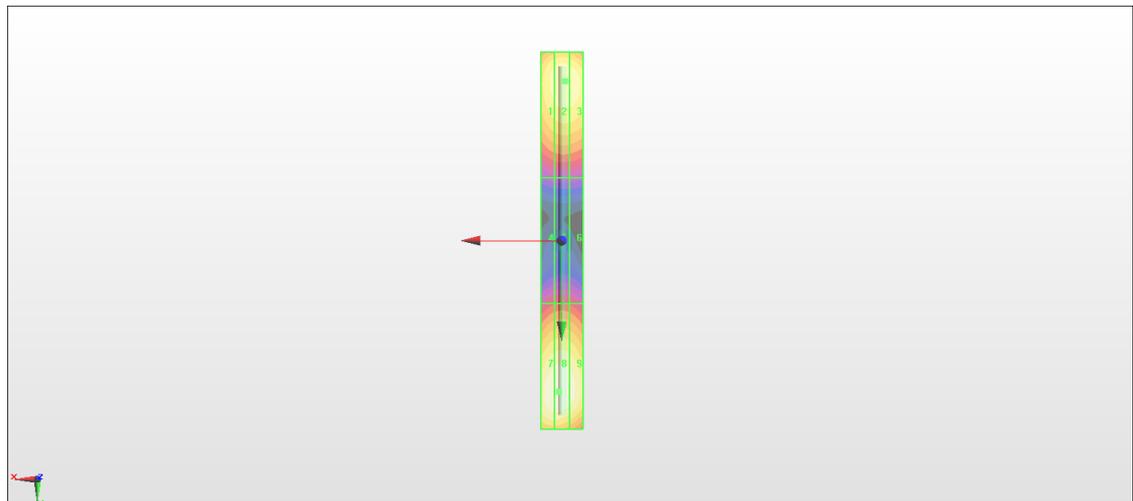
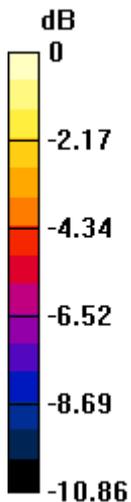
dx=0.5000 mm, dy=0.5000 mm  
 Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 138.5 V/m; Power Drift = -0.05 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 120.0 V/m  
 Average value of Total=(109.8+120.0) / 2 = 114.9 V/m

#### PMF scaled E-field

Grid 1 M4 <b>106.0 V/m</b>	Grid 2 M4 <b>109.8 V/m</b>	Grid 3 M4 <b>109.1 V/m</b>
Grid 4 M4 <b>66.77 V/m</b>	Grid 5 M4 <b>67.71 V/m</b>	Grid 6 M4 <b>66.65 V/m</b>
Grid 7 M4 <b>119.4 V/m</b>	Grid 8 M4 <b>120.0 V/m</b>	Grid 9 M4 <b>116.5 V/m</b>

#### Cursor:

Total = 120.0 V/m  
 E Category: M4  
 Location: 1.5, 72, 9.7 mm



0 dB = 120.0 V/m = 41.58 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 : 23.3 °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:

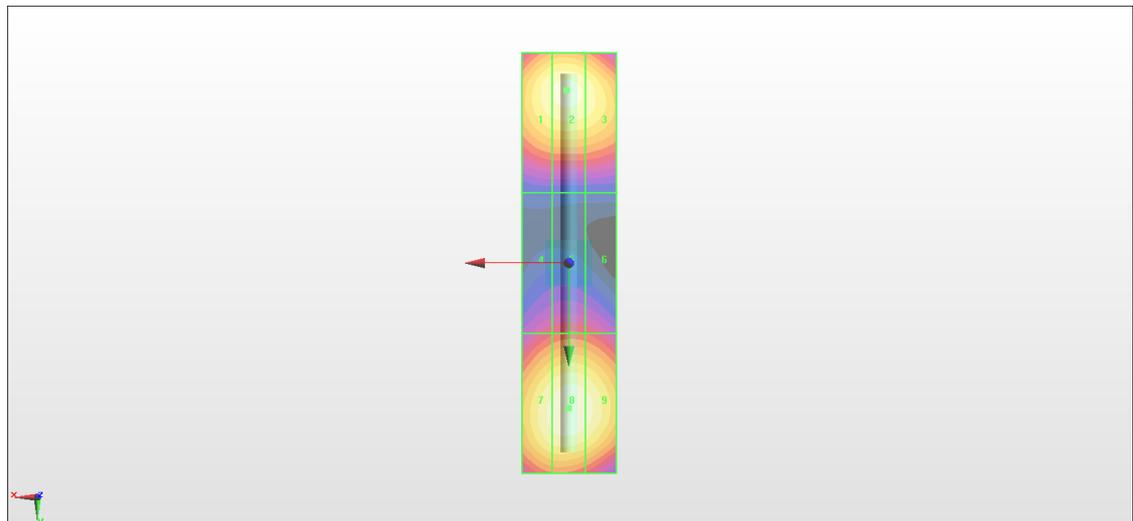
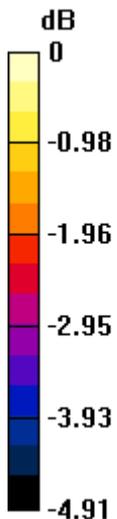
dx=0.5000 mm, dy=0.5000 mm  
 Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 132.8 V/m; Power Drift = 0.01 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 85.77 V/m  
 Average value of Total=(83.78+85.77) / 2 = 84.78 V/m

PMF scaled E-field

Grid 1 <b>M3</b> <b>82.70 V/m</b>	Grid 2 <b>M3</b> <b>83.78 V/m</b>	Grid 3 <b>M3</b> <b>82.09 V/m</b>
Grid 4 <b>M3</b> <b>65.36 V/m</b>	Grid 5 <b>M3</b> <b>66.69 V/m</b>	Grid 6 <b>M3</b> <b>65.99 V/m</b>
Grid 7 <b>M3</b> <b>83.95 V/m</b>	Grid 8 <b>M3</b> <b>85.77 V/m</b>	Grid 9 <b>M3</b> <b>84.25 V/m</b>

**Cursor:**

Total = 85.77 V/m  
 E Category: M3  
 Location: 0, 31, 9.7 mm



0 dB = 85.77 V/m = 38.67 dBV/m

## HAC\_E\_Dipole\_2600

### DUT: HAC Dipole 2600 MHz

Communication System: CW; Frequency: 2600 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 : 23.3 °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 CD2600 = 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 = 72.35 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.39 V/m

Average value of Total=(84.48+89.39) / 2 = 86.94 V/m

PMF scaled E-field

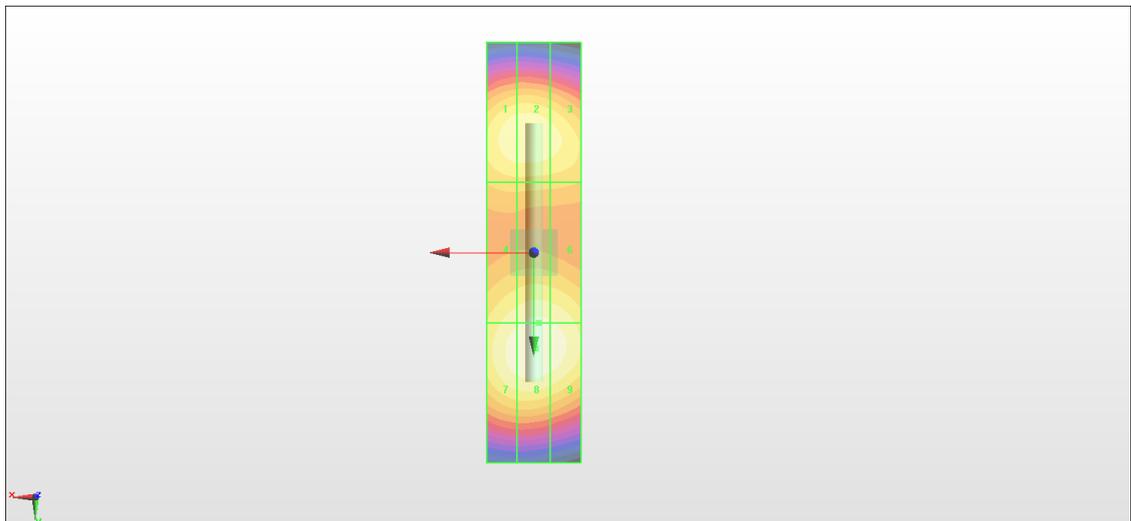
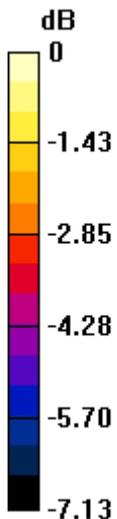
Grid 1 <b>M3</b> <b>84.01 V/m</b>	Grid 2 <b>M3</b> <b>84.48 V/m</b>	Grid 3 <b>M3</b> <b>82.42 V/m</b>
Grid 4 <b>M3</b> <b>84.02 V/m</b>	Grid 5 <b>M3</b> <b>85.98 V/m</b>	Grid 6 <b>M3</b> <b>85.26 V/m</b>
Grid 7 <b>M3</b> <b>87.60 V/m</b>	Grid 8 <b>M3</b> <b>89.39 V/m</b>	Grid 9 <b>M3</b> <b>88.18 V/m</b>

**Cursor:**

Total = 89.39 V/m

E Category: M3

Location: -0.5, 20.5, 9.7 mm



0 dB = 89.39 V/m = 39.03 dBV/m