

## HAC\_E\_Dipole\_835

**DUT: CD835V3-1045**

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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 126.2 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.4 V/m

Average value of Total=(115.4+110.5) / 2 = 112.95 V/m

PMF scaled E-field

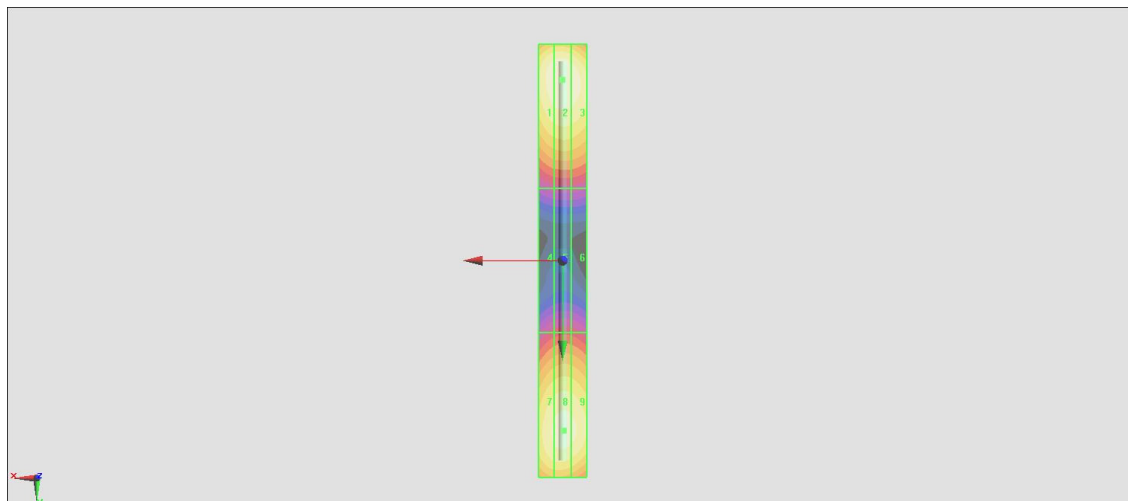
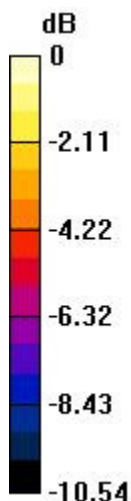
<b>Grid 1 M4</b> <b>113.2 V/m</b>	<b>Grid 2 M4</b> <b>115.4 V/m</b>	<b>Grid 3 M4</b> <b>113.3 V/m</b>
<b>Grid 4 M4</b> <b>62.95 V/m</b>	<b>Grid 5 M4</b> <b>64.52 V/m</b>	<b>Grid 6 M4</b> <b>64.02 V/m</b>
<b>Grid 7 M4</b> <b>108.2 V/m</b>	<b>Grid 8 M4</b> <b>110.5 V/m</b>	<b>Grid 9 M4</b> <b>109.1 V/m</b>

#### Cursor:

Total = 115.4 V/m

E Category: M4

Location: 0, -75, 9.7 mm



0 dB = 115.4 V/m = 41.24 dBV/m

## HAC\_E\_Dipole\_1880

### DUT: CD1880V3-1038

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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 140.0 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.35 V/m

Average value of Total=(89.07+90.35) / 2 = 89.71 V/m

#### PMF scaled E-field

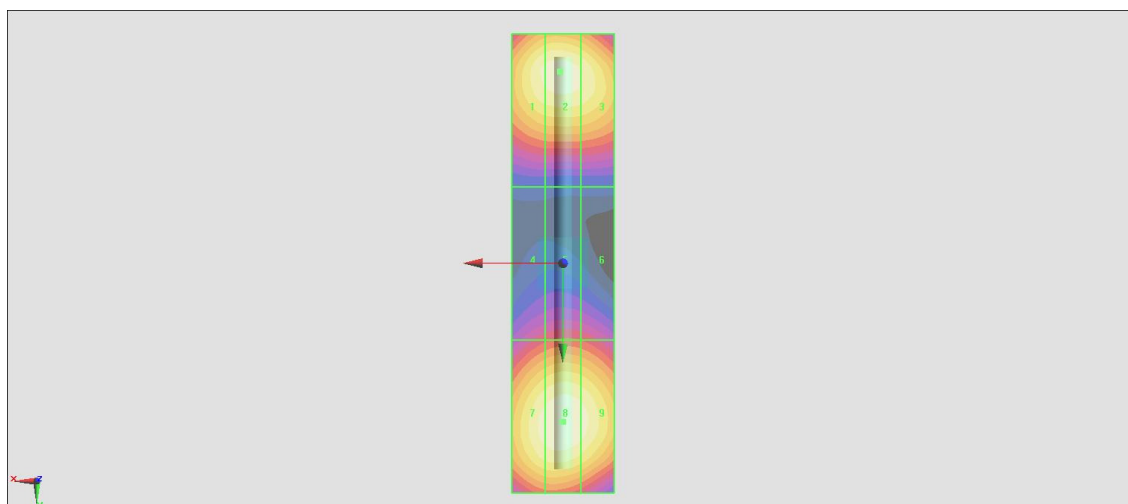
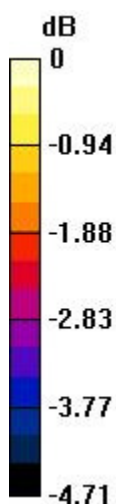
Grid 1 <b>M3</b> <b>88.03 V/m</b>	Grid 2 <b>M3</b> <b>89.07 V/m</b>	Grid 3 <b>M3</b> <b>87.43 V/m</b>
Grid 4 <b>M3</b> <b>69.59 V/m</b>	Grid 5 <b>M3</b> <b>70.89 V/m</b>	Grid 6 <b>M3</b> <b>70.19 V/m</b>
Grid 7 <b>M3</b> <b>88.61 V/m</b>	Grid 8 <b>M3</b> <b>90.35 V/m</b>	Grid 9 <b>M3</b> <b>88.73 V/m</b>

#### Cursor:

Total = 90.35 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 90.35 V/m = 39.12 dBV/m

## HAC\_E\_Dipole\_2600

### DUT: CD2600V3-1010

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 : 23.4 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 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 = 72.52 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.50 V/m

Average value of Total=(89.5+84.58) / 2 = 87.04 V/m

#### PMF scaled E-field

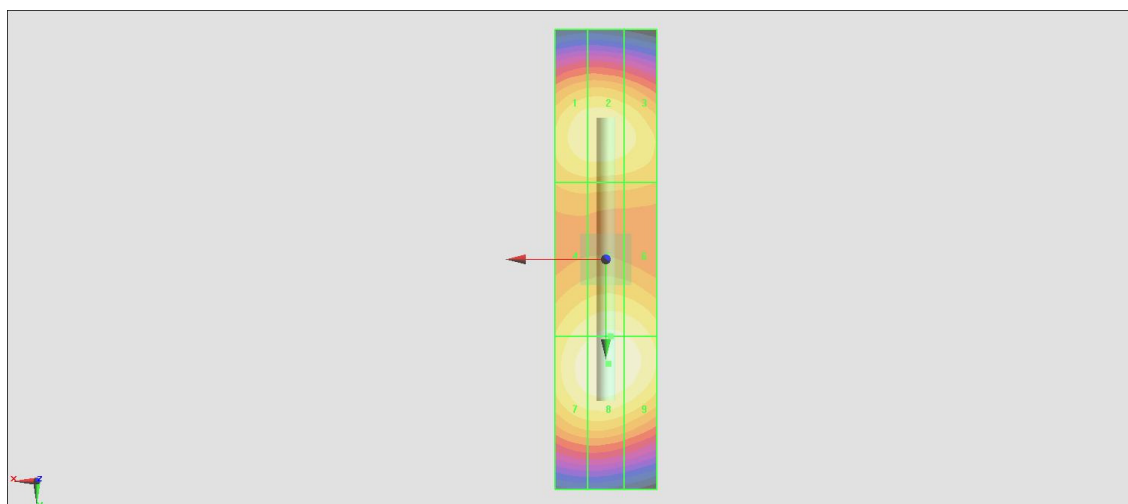
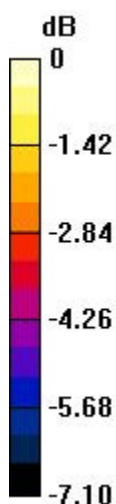
Grid 1 <b>M3</b> <b>84.10 V/m</b>	Grid 2 <b>M3</b> <b>84.58 V/m</b>	Grid 3 <b>M3</b> <b>82.51 V/m</b>
Grid 4 <b>M3</b> <b>84.14 V/m</b>	Grid 5 <b>M3</b> <b>86.10 V/m</b>	Grid 6 <b>M3</b> <b>85.38 V/m</b>
Grid 7 <b>M3</b> <b>87.70 V/m</b>	Grid 8 <b>M3</b> <b>89.50 V/m</b>	Grid 9 <b>M3</b> <b>88.29 V/m</b>

#### Cursor:

Total = 89.50 V/m

E Category: M3

Location: -0.5, 20.5, 9.7 mm



0 dB = 89.50 V/m = 39.04 dBV/m