

**HAC\_E\_Dipole\_835**

**DUT: HAC-Dipole 835 MHz**

Communication System: UID 0, 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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**E Scan - measurement distance from the probe sensor center to CD835 = 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 = 98.49 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 107.8 V/m

**Average value of Total=(107.8+98.32)/2=103.06 V/m**

PMF scaled E-field

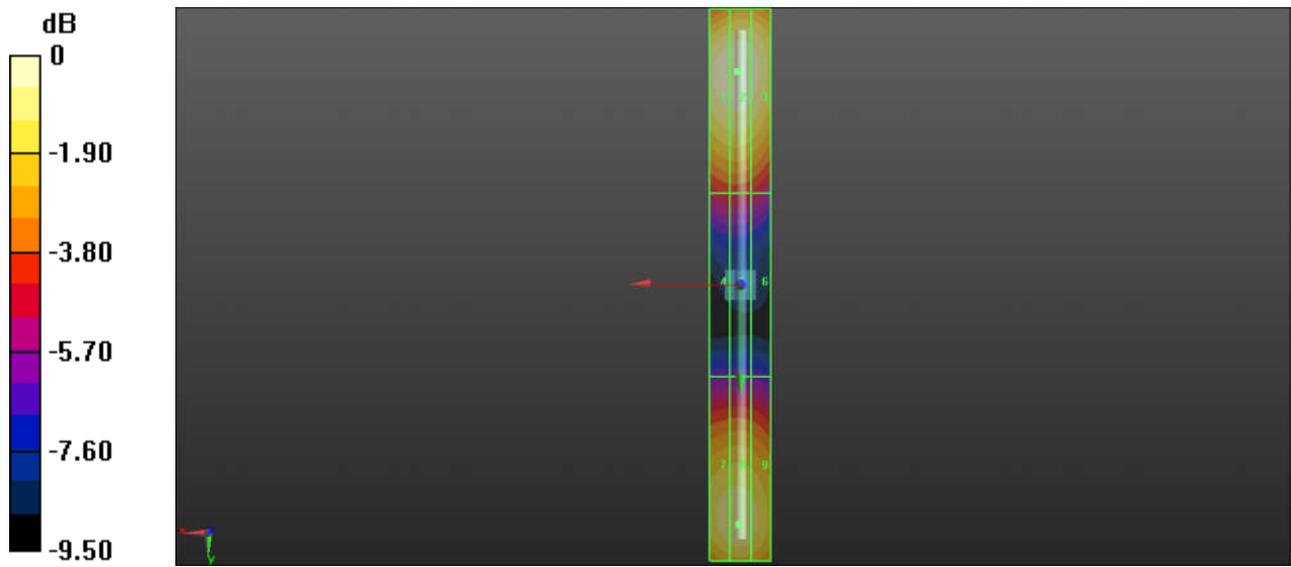
Grid 1 <b>M4</b> <b>106.3 V/m</b>	Grid 2 <b>M4</b> <b>107.8 V/m</b>	Grid 3 <b>M4</b> <b>104.5 V/m</b>
Grid 4 <b>M4</b> <b>65.35 V/m</b>	Grid 5 <b>M4</b> <b>65.73 V/m</b>	Grid 6 <b>M4</b> <b>63.59 V/m</b>
Grid 7 <b>M4</b> <b>97.28 V/m</b>	Grid 8 <b>M4</b> <b>98.32 V/m</b>	Grid 9 <b>M4</b> <b>95.78 V/m</b>

**Cursor:**

Total = 107.8 V/m

E Category: M4

Location: 1, -69.5, 9.7 mm



0 dB = 107.8 V/m = 40.65 dBV/m

**HAC\_E\_Dipole\_1880**

**DUT: HAC Dipole 1880 MHz**

Communication System: UID 0, CW (0); 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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**E Scan - measurement distance from the probe sensor center to CD1880 = 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 = 134.8 V/m; Power Drift = -0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.66 V/m

**Average value of Total=(87.66+81.15)/2=84.405 V/m**

PMF scaled E-field

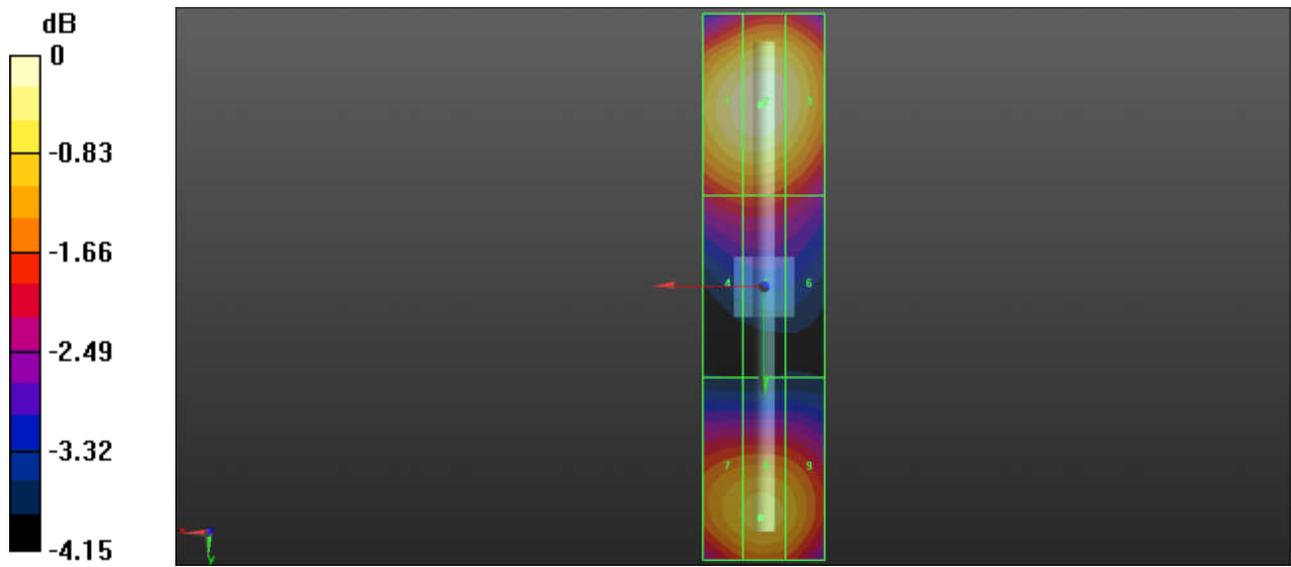
Grid 1 <b>M3</b> <b>86.38 V/m</b>	Grid 2 <b>M3</b> <b>87.66 V/m</b>	Grid 3 <b>M3</b> <b>85.48 V/m</b>
Grid 4 <b>M3</b> <b>72.16 V/m</b>	Grid 5 <b>M3</b> <b>72.35 V/m</b>	Grid 6 <b>M3</b> <b>70.66 V/m</b>
Grid 7 <b>M3</b> <b>79.77 V/m</b>	Grid 8 <b>M3</b> <b>81.15 V/m</b>	Grid 9 <b>M3</b> <b>79.33 V/m</b>

**Cursor:**

Total = 87.66 V/m

E Category: M3

Location: 0.5, -30, 9.7 mm



0 dB = 87.96 V/m = 38.89 dBV/m

# HAC\_E\_Dipole\_2450\_180131

**DUT: CD2450V3-1186**

Communication System: CW ; Frequency: 2450 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 : 23.2 °C

## DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- 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 CD2450 = 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 = 73.02 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.42 V/m

Average value of Total=(81.75+89.42) / 2 = 85.585 V/m

### PMF scaled E-field

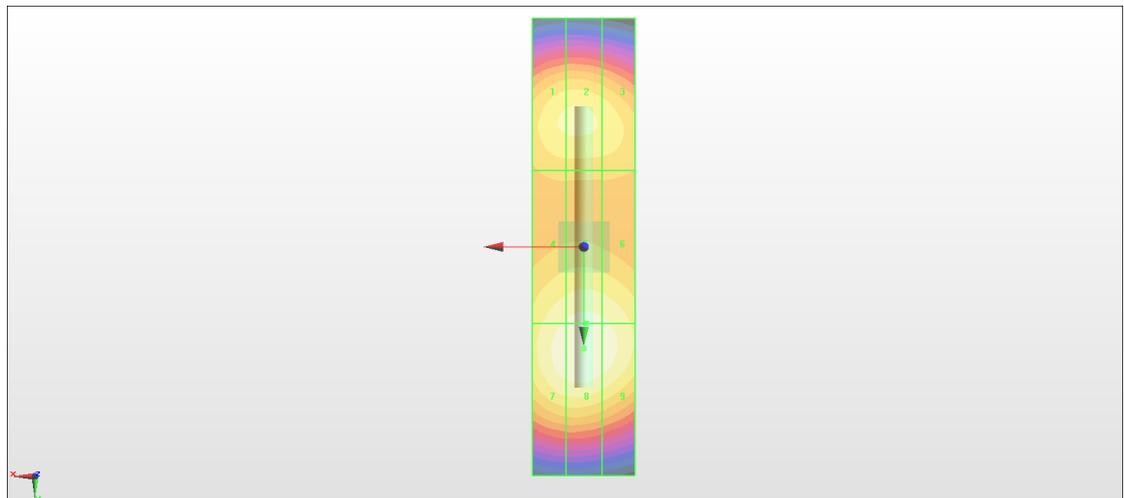
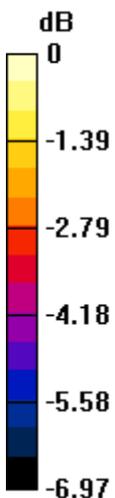
Grid 1 <b>M3</b> <b>81.28 V/m</b>	Grid 2 <b>M3</b> <b>81.75 V/m</b>	Grid 3 <b>M3</b> <b>79.89 V/m</b>
Grid 4 <b>M3</b> <b>85.39 V/m</b>	Grid 5 <b>M3</b> <b>86.91 V/m</b>	Grid 6 <b>M3</b> <b>85.89 V/m</b>
Grid 7 <b>M3</b> <b>87.91 V/m</b>	Grid 8 <b>M3</b> <b>89.42 V/m</b>	Grid 9 <b>M3</b> <b>87.99 V/m</b>

### Cursor:

Total = 89.42 V/m

E Category: M3

Location: 0, 20, 9.7 mm



0 dB = 89.42 V/m = 39.03 dBV/m