

**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 : 23.5 °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 = 0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 107.1 V/m

**Average value of Total=(107.1+97.23)/2=102.165 V/m**

PMF scaled E-field

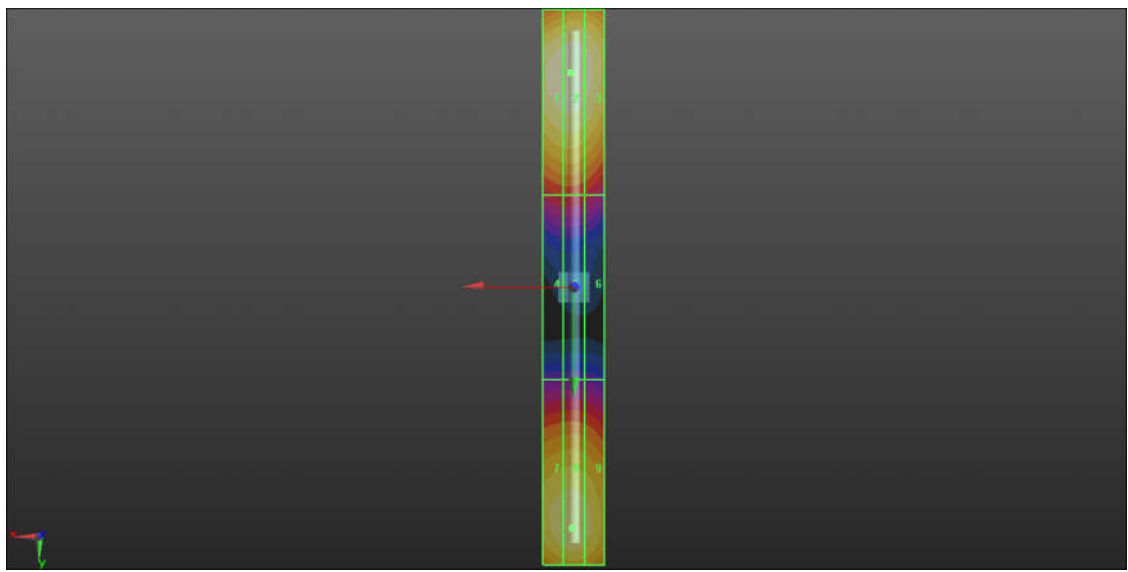
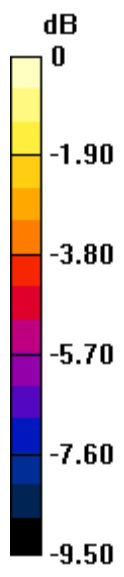
Grid 1 <b>M4</b> <b>106.4 V/m</b>	Grid 2 <b>M4</b> <b>107.1 V/m</b>	Grid 3 <b>M4</b> <b>104.3 V/m</b>
Grid 4 <b>M4</b> <b>65.45 V/m</b>	Grid 5 <b>M4</b> <b>65.73 V/m</b>	Grid 6 <b>M4</b> <b>63.52 V/m</b>
Grid 7 <b>M4</b> <b>97.24 V/m</b>	Grid 8 <b>M4</b> <b>97.23 V/m</b>	Grid 9 <b>M4</b> <b>95.73 V/m</b>

**Cursor:**

Total = 107.1 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 : 23.5 °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 = -0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.56 V/m

**Average value of Total=(88.56+80.61)/2=84.585 V/m**

PMF scaled E-field

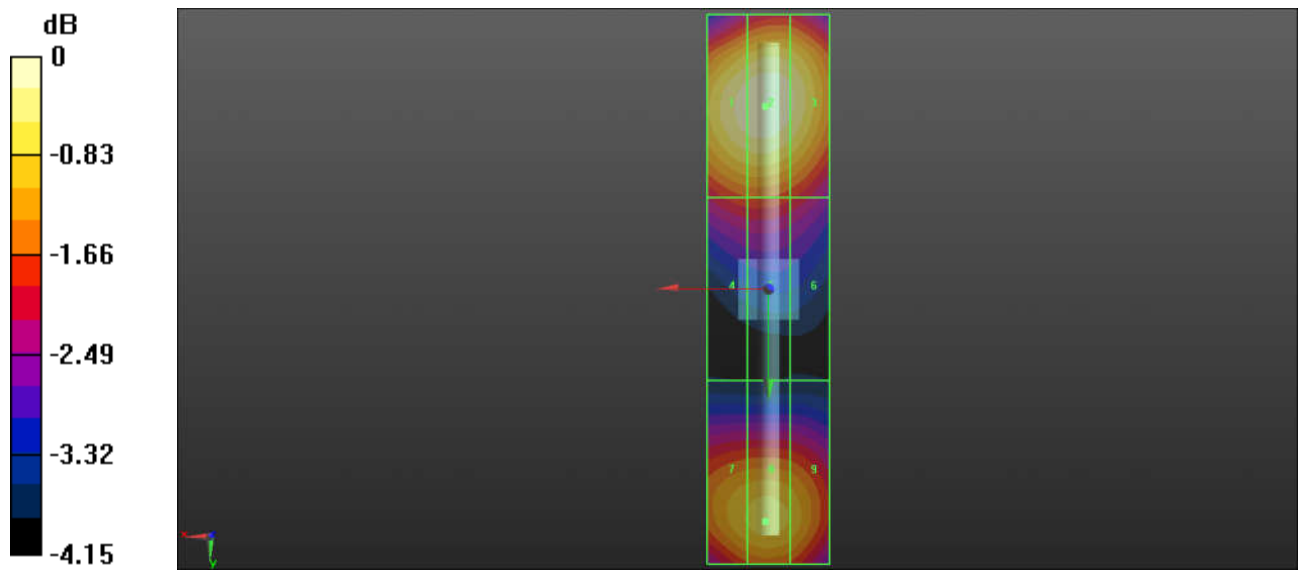
Grid 1 <b>M3</b> <b>86.37 V/m</b>	Grid 2 <b>M3</b> <b>88.56 V/m</b>	Grid 3 <b>M3</b> <b>85.38 V/m</b>
Grid 4 <b>M3</b> <b>72.15 V/m</b>	Grid 5 <b>M3</b> <b>72.35 V/m</b>	Grid 6 <b>M3</b> <b>70.63 V/m</b>
Grid 7 <b>M3</b> <b>79.72 V/m</b>	Grid 8 <b>M3</b> <b>80.61 V/m</b>	Grid 9 <b>M3</b> <b>79.31 V/m</b>

**Cursor:**

Total = 88.56 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\_2600**

Communication System: UID 0, CW (0); 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 : 23.6 °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 CD2600 = 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 = 68.99 V/m; Power Drift = -0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.54 V/m

**Average value of Total=(92.54+81.62)/2=87.08 V/m**

PMF scaled E-field

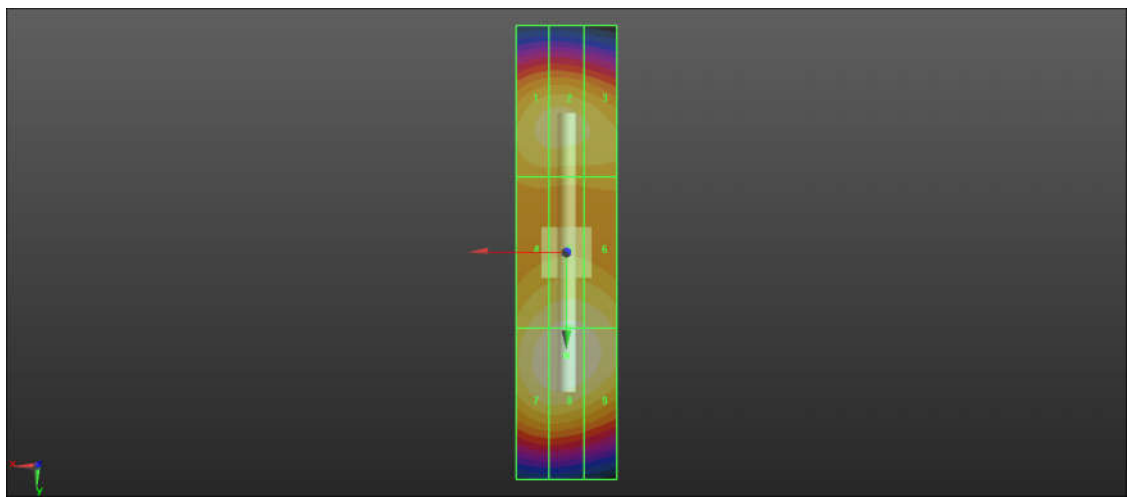
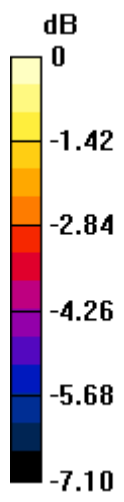
Grid 1 <b>M3</b> <b>84.23 V/m</b>	Grid 2 <b>M3</b> <b>92.54 V/m</b>	Grid 3 <b>M3</b> <b>83.51 V/m</b>
Grid 4 <b>M3</b> <b>86.39 V/m</b>	Grid 5 <b>M3</b> <b>88.55 V/m</b>	Grid 6 <b>M3</b> <b>87.63 V/m</b>
Grid 7 <b>M3</b> <b>90.56 V/m</b>	Grid 8 <b>M3</b> <b>81.62 V/m</b>	Grid 9 <b>M3</b> <b>91.01 V/m</b>

**Cursor:**

Total = 92.54 V/m

E Category: M3

Location: 0, 20.5, 9.7 mm



0 dB = 92.54 V/m = 39.33 dBV/m