

## 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 Sn1399; Calibrated: 2017/11/16
- 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 = 130.1 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 112.5 V/m

Average value of Total=(109.8+112.5) / 2 = 111.15 V/m

#### PMF scaled E-field

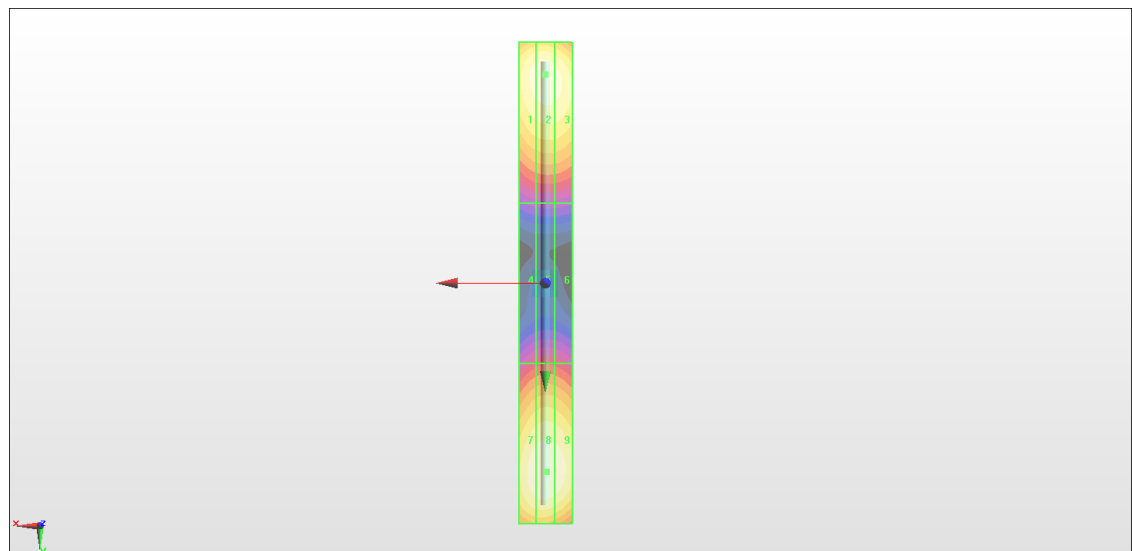
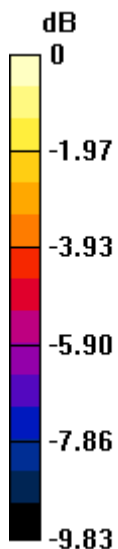
Grid 1 <b>M4</b> <b>108.0 V/m</b>	Grid 2 <b>M4</b> <b>109.8 V/m</b>	Grid 3 <b>M4</b> <b>107.9 V/m</b>
Grid 4 <b>M4</b> <b>64.50 V/m</b>	Grid 5 <b>M4</b> <b>65.95 V/m</b>	Grid 6 <b>M4</b> <b>65.11 V/m</b>
Grid 7 <b>M4</b> <b>110.5 V/m</b>	Grid 8 <b>M4</b> <b>112.5 V/m</b>	Grid 9 <b>M4</b> <b>111.0 V/m</b>

#### Cursor:

Total = 112.5 V/m

E Category: M4

Location: -0.5, 70.5, 9.7 mm



0 dB = 112.5 V/m = 41.02 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 Sn1399; Calibrated: 2017/11/16
- 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 = 147.4 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.67 V/m

Average value of Total=(88.89+94.67) / 2 = 91.78 V/m

PMF scaled E-field

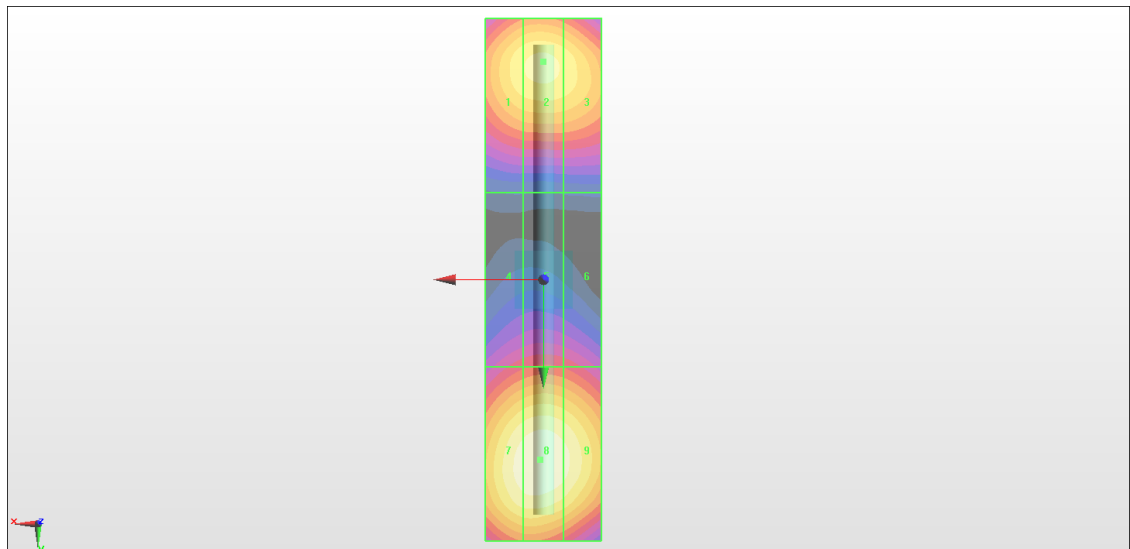
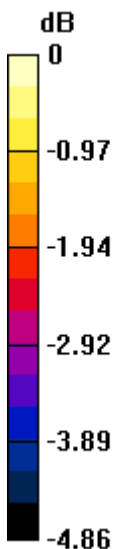
Grid 1 <b>M3</b> <b>87.69 V/m</b>	Grid 2 <b>M3</b> <b>88.89 V/m</b>	Grid 3 <b>M3</b> <b>87.30 V/m</b>
Grid 4 <b>M3</b> <b>72.47 V/m</b>	Grid 5 <b>M3</b> <b>73.67 V/m</b>	Grid 6 <b>M3</b> <b>72.74 V/m</b>
Grid 7 <b>M3</b> <b>93.31 V/m</b>	Grid 8 <b>M3</b> <b>94.67 V/m</b>	Grid 9 <b>M3</b> <b>92.48 V/m</b>

#### Cursor:

Total = 94.67 V/m

E Category: M3

Location: 0.5, 31, 9.7 mm



0 dB = 94.67 V/m = 39.52 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 Sn1399; Calibrated: 2017/11/16
- 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 = 76.31 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 96.49 V/m

Average value of Total=(87.99+96.49) / 2 = 92.24 V/m

PMF scaled E-field

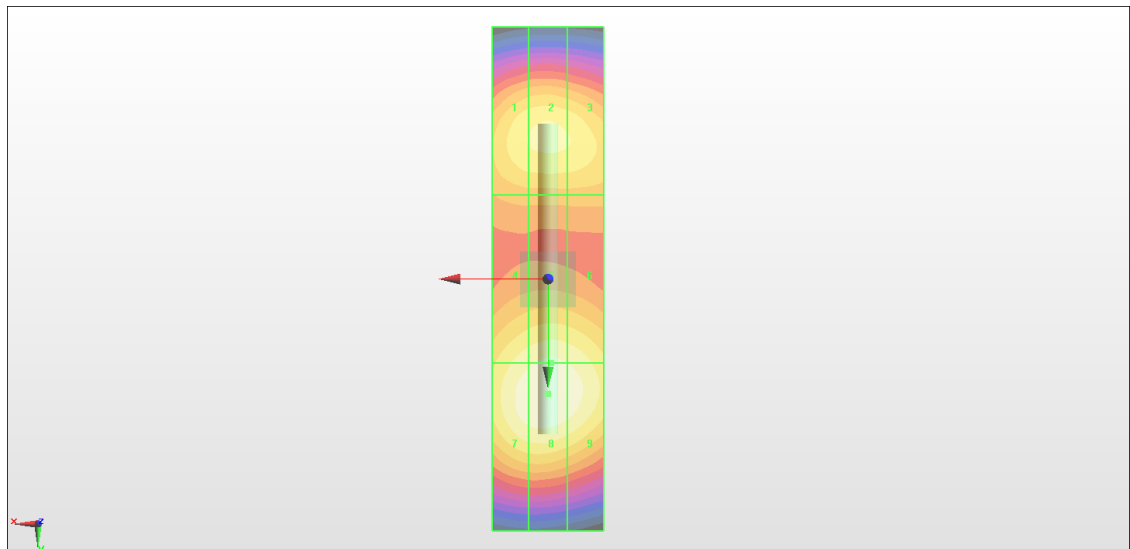
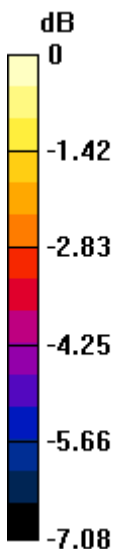
Grid 1 <b>M3</b> <b>86.80 V/m</b>	Grid 2 <b>M3</b> <b>87.99 V/m</b>	Grid 3 <b>M3</b> <b>86.90 V/m</b>
Grid 4 <b>M3</b> <b>90.42 V/m</b>	Grid 5 <b>M3</b> <b>92.64 V/m</b>	Grid 6 <b>M3</b> <b>91.43 V/m</b>
Grid 7 <b>M3</b> <b>94.61 V/m</b>	Grid 8 <b>M3</b> <b>96.49 V/m</b>	Grid 9 <b>M3</b> <b>94.70 V/m</b>

**Cursor:**

Total = 96.49 V/m

E Category: M3

Location: 0, 20.5, 9.7 mm



0 dB = 96.49 V/m = 39.69 dBV/m