

## HAC\_E\_Dipole\_835\_170412

### 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 : 23.4 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- 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 = 117.0 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.1 V/m

Average value of Total=(111.1+101.7) / 2 = 106.4 V/m

PMF scaled E-field

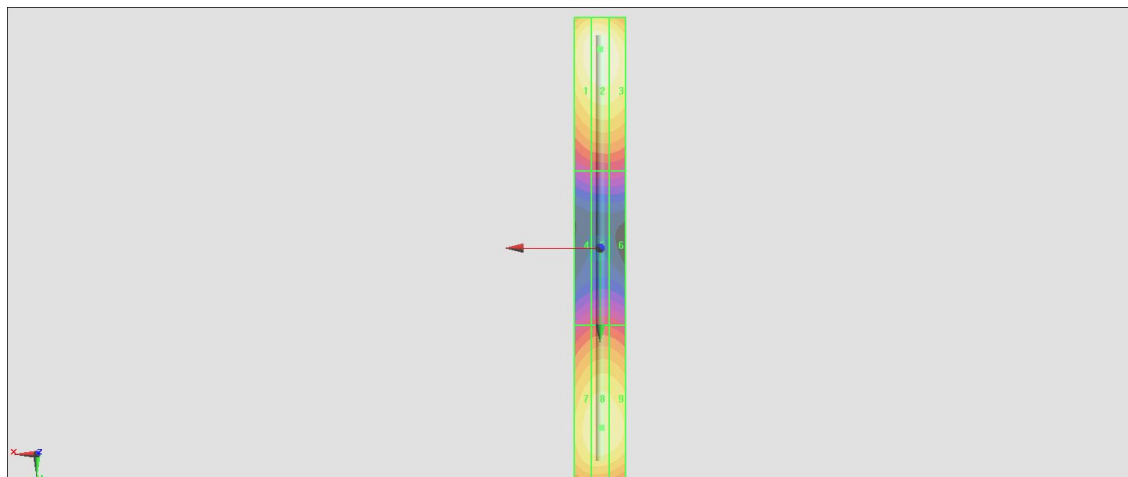
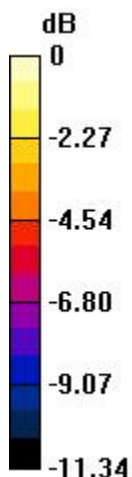
Grid 1 <b>M4</b> <b>108.8 V/m</b>	Grid 2 <b>M4</b> <b>111.1 V/m</b>	Grid 3 <b>M4</b> <b>108.6 V/m</b>
Grid 4 <b>M4</b> <b>58.86 V/m</b>	Grid 5 <b>M4</b> <b>60.65 V/m</b>	Grid 6 <b>M4</b> <b>59.93 V/m</b>
Grid 7 <b>M4</b> <b>99.16 V/m</b>	Grid 8 <b>M4</b> <b>101.7 V/m</b>	Grid 9 <b>M4</b> <b>100.1 V/m</b>

#### Cursor:

Total = 111.1 V/m

E Category: M4

Location: 0, -77.5, 9.7 mm



0 dB = 111.1 V/m = 40.91 dBV/m

## HAC\_E\_Dipole\_1880\_170412

### 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 : 23.4 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- 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 = 153.6 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.46 V/m

Average value of Total=(92.46+88.05) / 2 = 90.255 V/m

#### PMF scaled E-field

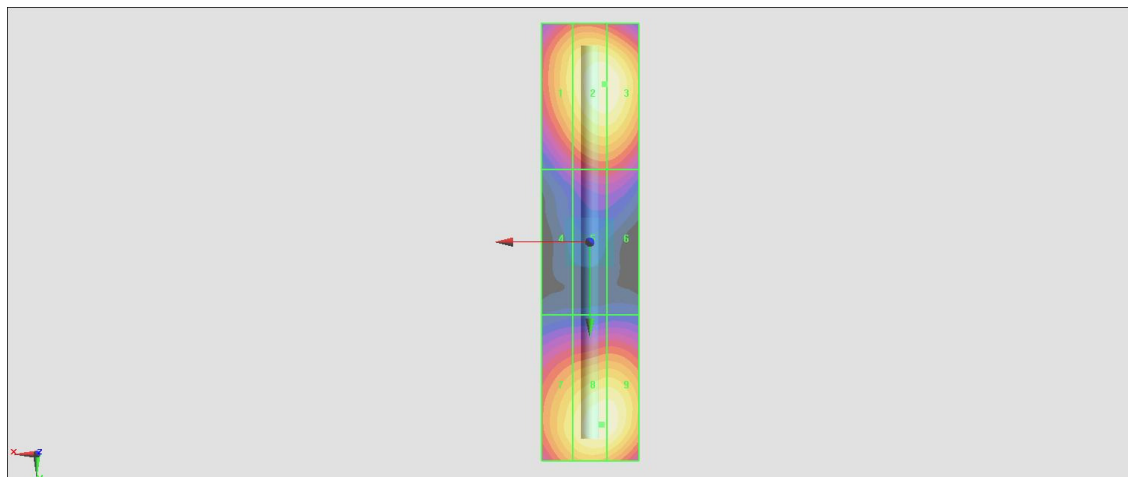
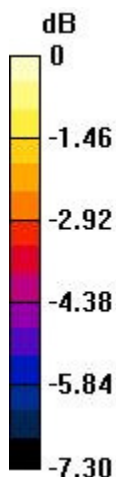
Grid 1 <b>M3</b> <b>91.73 V/m</b>	Grid 2 <b>M3</b> <b>92.46 V/m</b>	Grid 3 <b>M3</b> <b>89.84 V/m</b>
Grid 4 <b>M3</b> <b>72.61 V/m</b>	Grid 5 <b>M3</b> <b>72.77 V/m</b>	Grid 6 <b>M3</b> <b>70.70 V/m</b>
Grid 7 <b>M3</b> <b>86.56 V/m</b>	Grid 8 <b>M3</b> <b>88.05 V/m</b>	Grid 9 <b>M3</b> <b>87.04 V/m</b>

#### Cursor:

Total = 92.46 V/m

E Category: M3

Location: 1, -31, 9.7 mm



0 dB = 92.46 V/m = 39.32 dBV/m

## HAC\_E\_Dipole\_2600\_170412

### 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 : 23.4 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- 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 = 76.94 V/m; Power Drift = -0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.28 V/m

Average value of Total=(86.78+94.28) / 2 = 90.53 V/m

#### PMF scaled E-field

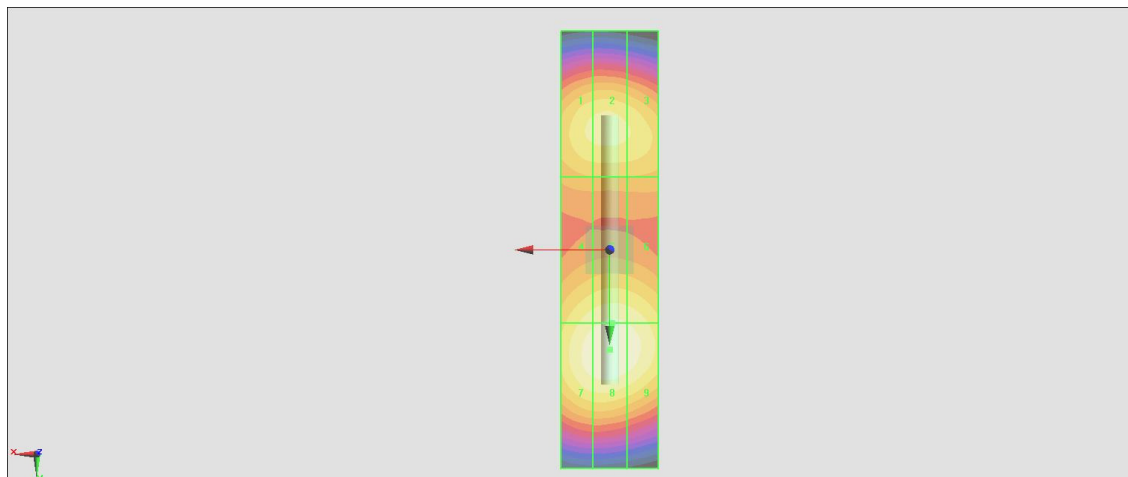
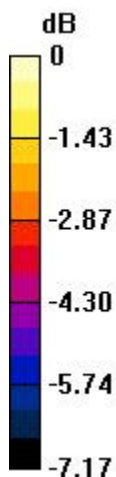
Grid 1 <b>M3</b> <b>85.81 V/m</b>	Grid 2 <b>M3</b> <b>86.78 V/m</b>	Grid 3 <b>M3</b> <b>85.08 V/m</b>
Grid 4 <b>M3</b> <b>88.03 V/m</b>	Grid 5 <b>M3</b> <b>90.23 V/m</b>	Grid 6 <b>M3</b> <b>89.29 V/m</b>
Grid 7 <b>M3</b> <b>92.26 V/m</b>	Grid 8 <b>M3</b> <b>94.28 V/m</b>	Grid 9 <b>M3</b> <b>92.72 V/m</b>

#### Cursor:

Total = 94.28 V/m

E Category: M3

Location: 0, 20.5, 9.7 mm



0 dB = 94.28 V/m = 39.49 dBV/m