

**HAC\_E\_Dipole\_835\_160815****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: 2016/1/19;
- 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 = 115.1 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.1 V/m

Average value of Total=(109.1+99.87) / 2 = 104.485 V/m

**PMF scaled E-field**

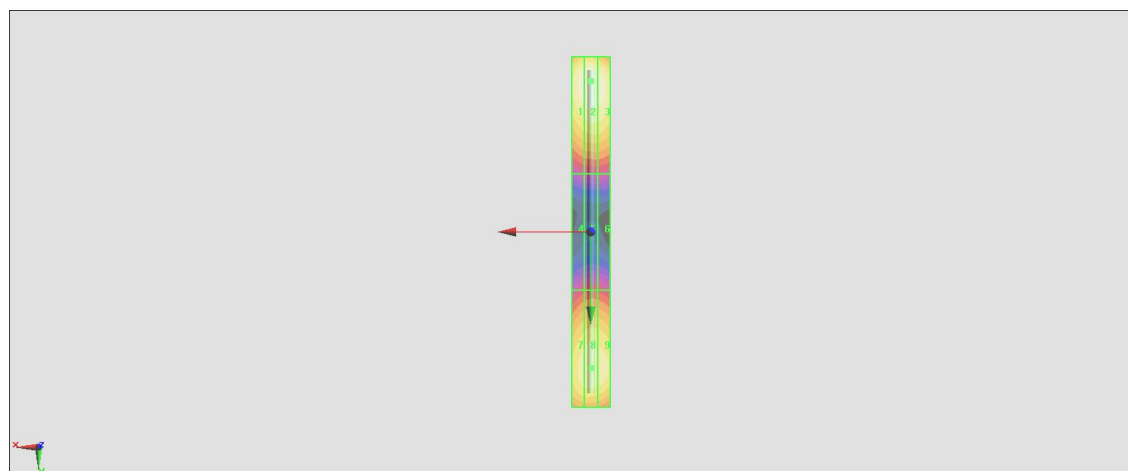
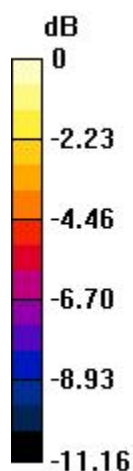
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Grid 1 M4</b><br><b>106.8 V/m</b> | <b>Grid 2 M4</b><br><b>109.1 V/m</b> | <b>Grid 3 M4</b><br><b>106.7 V/m</b> |
| <b>Grid 4 M4</b><br><b>57.78 V/m</b> | <b>Grid 5 M4</b><br><b>59.53 V/m</b> | <b>Grid 6 M4</b><br><b>58.83 V/m</b> |
| <b>Grid 7 M4</b><br><b>97.41 V/m</b> | <b>Grid 8 M4</b><br><b>99.87 V/m</b> | <b>Grid 9 M4</b><br><b>98.35 V/m</b> |

**Cursor:**

Total = 109.1 V/m

E Category: M4

Location: 0, -77.5, 9.7 mm



0 dB = 109.1 V/m = 40.76 dBV/m

**HAC\_E\_Dipole\_1880\_160815****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: 2016/1/19;
- 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 = 137.2 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.28 V/m

Average value of Total=(86.68+89.28) / 2 = 87.98 V/m

**PMF scaled E-field**

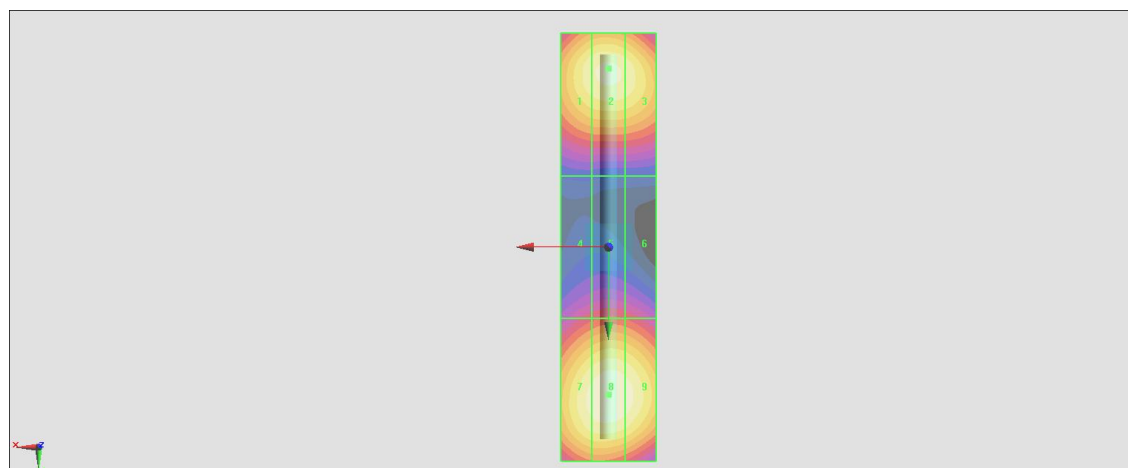
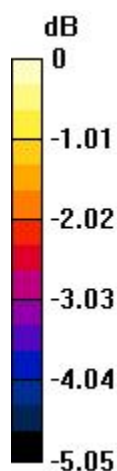
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>85.31 V/m</b> | Grid 2 <b>M3</b><br><b>86.68 V/m</b> | Grid 3 <b>M3</b><br><b>85.31 V/m</b> |
| Grid 4 <b>M3</b><br><b>67.37 V/m</b> | Grid 5 <b>M3</b><br><b>68.87 V/m</b> | Grid 6 <b>M3</b><br><b>68.08 V/m</b> |
| Grid 7 <b>M3</b><br><b>87.30 V/m</b> | Grid 8 <b>M3</b><br><b>89.28 V/m</b> | Grid 9 <b>M3</b><br><b>87.84 V/m</b> |

**Cursor:**

Total = 89.28 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 89.28 V/m = 39.02 dBV/m

**HAC\_E\_Dipole\_2600\_160815****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: 2016/1/19;
- 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 = 74.10 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.18 V/m

Average value of Total=(87.64+94.17) / 2 = 90.905 V/m

**PMF scaled E-field**

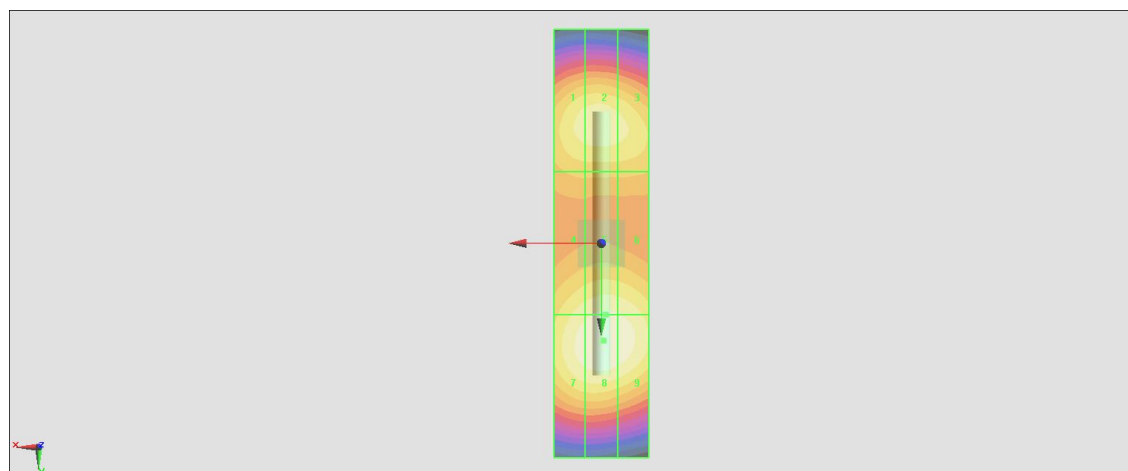
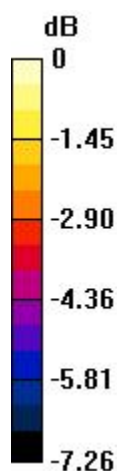
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Grid 1 M3</b><br><b>86.56 V/m</b> | <b>Grid 2 M3</b><br><b>87.64 V/m</b> | <b>Grid 3 M3</b><br><b>86.09 V/m</b> |
| <b>Grid 4 M3</b><br><b>87.67 V/m</b> | <b>Grid 5 M3</b><br><b>90.24 V/m</b> | <b>Grid 6 M3</b><br><b>89.57 V/m</b> |
| <b>Grid 7 M3</b><br><b>91.86 V/m</b> | <b>Grid 8 M3</b><br><b>94.17 V/m</b> | <b>Grid 9 M3</b><br><b>93.10 V/m</b> |

**Cursor:**

Total = 94.17 V/m

E Category: M3

Location: -0.5, 20.5, 9.7 mm



0 dB = 94.17 V/m = 39.48 dBV/m