

**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 : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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 = 126.6 V/m; Power Drift = -0.10 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.2 V/m

Average value of Total=(110.2+107.9) / 2 = 109.05 V/m

PMF scaled E-field

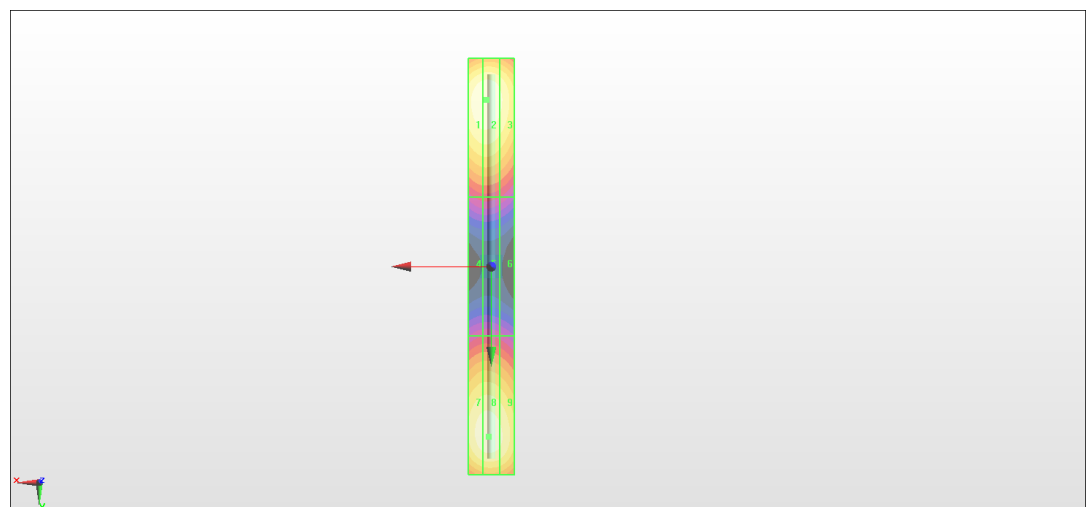
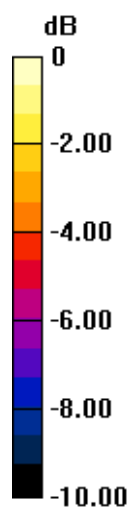
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>109.8 V/m</b> | Grid 2 <b>M4</b><br><b>110.2 V/m</b> | Grid 3 <b>M4</b><br><b>104.6 V/m</b> |
| Grid 4 <b>M4</b><br><b>62.33 V/m</b> | Grid 5 <b>M4</b><br><b>62.44 V/m</b> | Grid 6 <b>M4</b><br><b>59.98 V/m</b> |
| Grid 7 <b>M4</b><br><b>107.2 V/m</b> | Grid 8 <b>M4</b><br><b>107.9 V/m</b> | Grid 9 <b>M4</b><br><b>104.4 V/m</b> |

**Cursor:**

Total = 110.2 V/m

E Category: M4

Location: 2, -72, 9.7 mm



0 dB = 110.2 V/m = 40.84 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 : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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 = 152.7 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.42 V/m

Average value of Total=(86.42+85.7) / 2 = 86.06 V/m

PMF scaled E-field

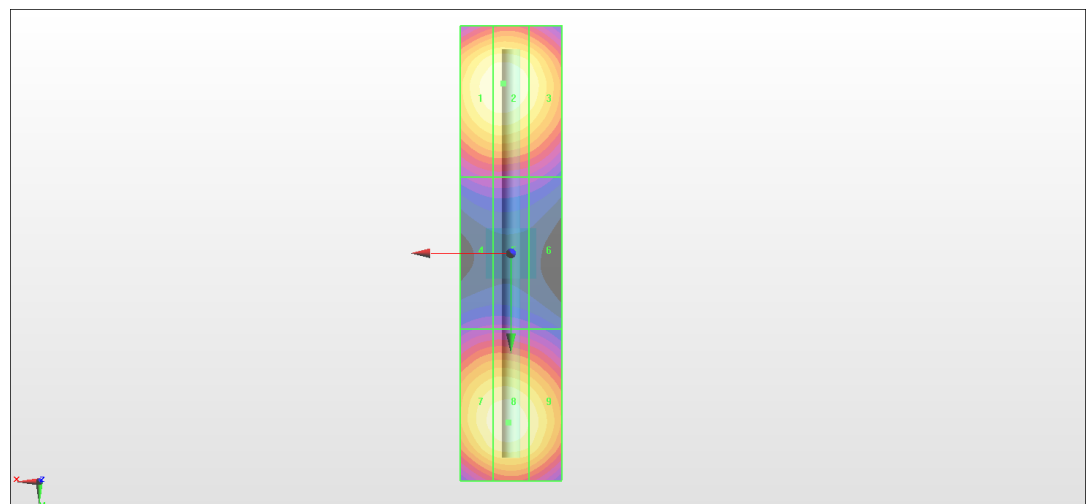
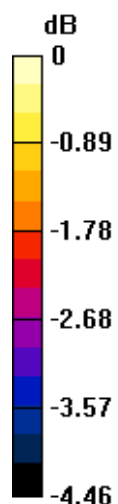
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>86.06 V/m</b> | Grid 2 <b>M3</b><br><b>86.42 V/m</b> | Grid 3 <b>M3</b><br><b>83.65 V/m</b> |
| Grid 4 <b>M3</b><br><b>64.05 V/m</b> | Grid 5 <b>M3</b><br><b>64.13 V/m</b> | Grid 6 <b>M4</b><br><b>62.90 V/m</b> |
| Grid 7 <b>M3</b><br><b>84.75 V/m</b> | Grid 8 <b>M3</b><br><b>85.70 V/m</b> | Grid 9 <b>M3</b><br><b>83.42 V/m</b> |

**Cursor:**

Total = 86.42 V/m

E Category: M3

Location: 1.5, -33.5, 9.7 mm



0 dB = 86.42 V/m = 38.73 dBV/m