

**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 : 23.8 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 141.5 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 118.8 V/m

Average value of Total=(116.8+117.6) / 2 = 117.2 V/m

**PMF scaled E-field**

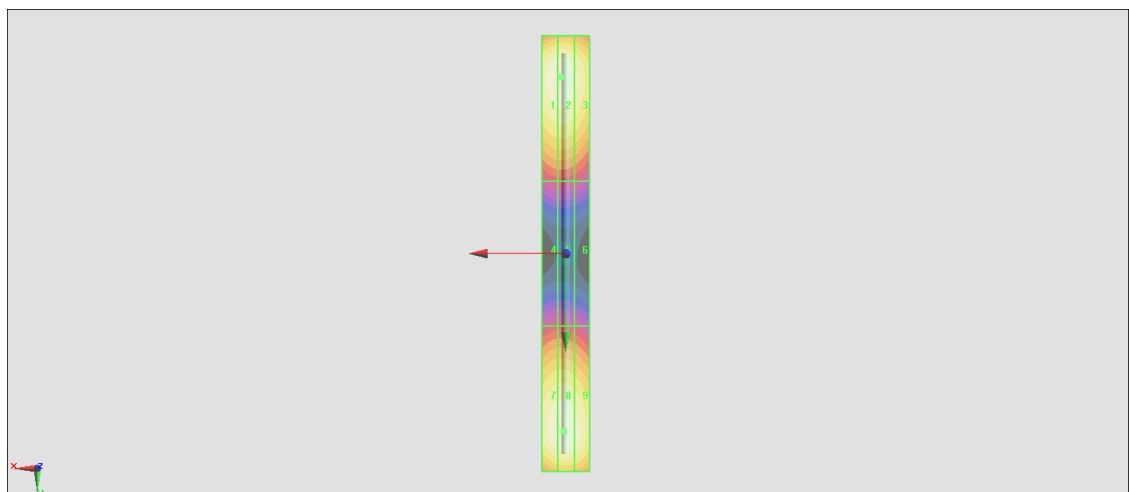
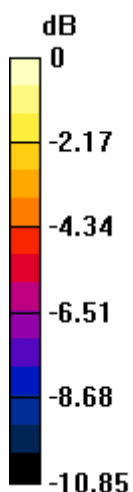
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Grid 1 M4</b><br><b>116.5 V/m</b> | <b>Grid 2 M4</b><br><b>116.8 V/m</b> | <b>Grid 3 M4</b><br><b>111.9 V/m</b> |
| <b>Grid 4 M4</b><br><b>64.31 V/m</b> | <b>Grid 5 M4</b><br><b>64.48 V/m</b> | <b>Grid 6 M4</b><br><b>62.36 V/m</b> |
| <b>Grid 7 M4</b><br><b>116.5 V/m</b> | <b>Grid 8 M4</b><br><b>117.6 V/m</b> | <b>Grid 9 M4</b><br><b>114.7 V/m</b> |

**Cursor:**

Total = 117.6 V/m

E Category: M4

Location: 1, 73.5, 9.7 mm



0 dB = 117.6 V/m = 41.41 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 : 23.8 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 170.8 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.74 V/m

Average value of Total=(90.74+91.74) / 2 = 91.24 V/m

**PMF scaled E-field**

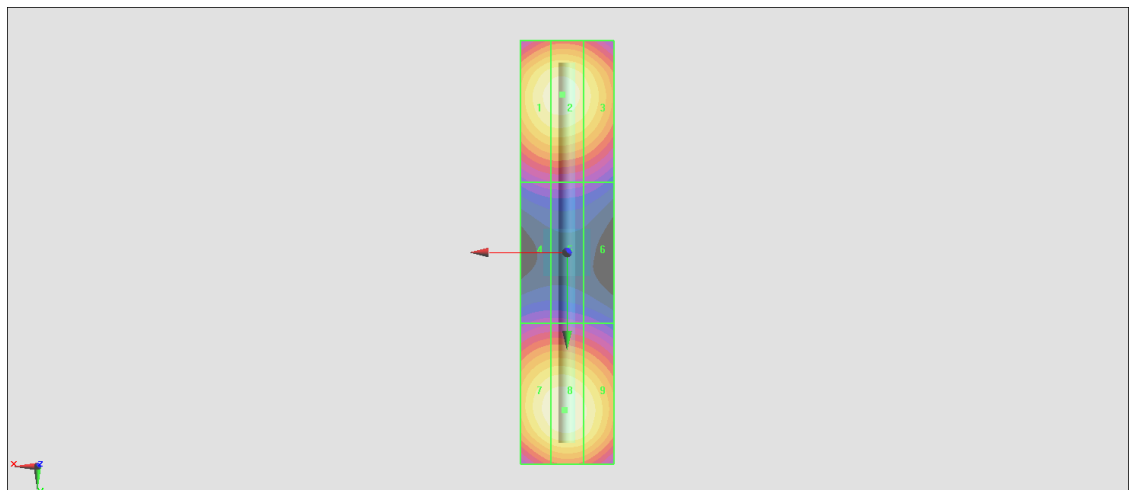
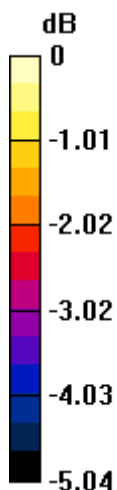
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Grid 1 M3</b><br><b>89.93 V/m</b> | <b>Grid 2 M3</b><br><b>90.74 V/m</b> | <b>Grid 3 M3</b><br><b>87.42 V/m</b> |
| <b>Grid 4 M3</b><br><b>64.62 V/m</b> | <b>Grid 5 M3</b><br><b>64.75 V/m</b> | <b>Grid 6 M3</b><br><b>63.61 V/m</b> |
| <b>Grid 7 M3</b><br><b>90.54 V/m</b> | <b>Grid 8 M3</b><br><b>91.74 V/m</b> | <b>Grid 9 M3</b><br><b>89.27 V/m</b> |

**Cursor:**

Total = 91.74 V/m

E Category: M3

Location: 0.5, 33.5, 9.7 mm



0 dB = 91.74 V/m = 39.25 dBV/m

**HAC\_E\_Dipole\_2450****DUT: HAC Dipole 2450 MHz**

Communication System: CW; Frequency: 2450 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**E Scan - measurement distance from the probe sensor center to CD2450 = 10mm & 15mm**  
**2/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 = 79.79 V/m; Power Drift = 0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.30 V/m

Average value of Total=(84.72+85.3) / 2 = 85.01 V/m

**PMF scaled E-field**

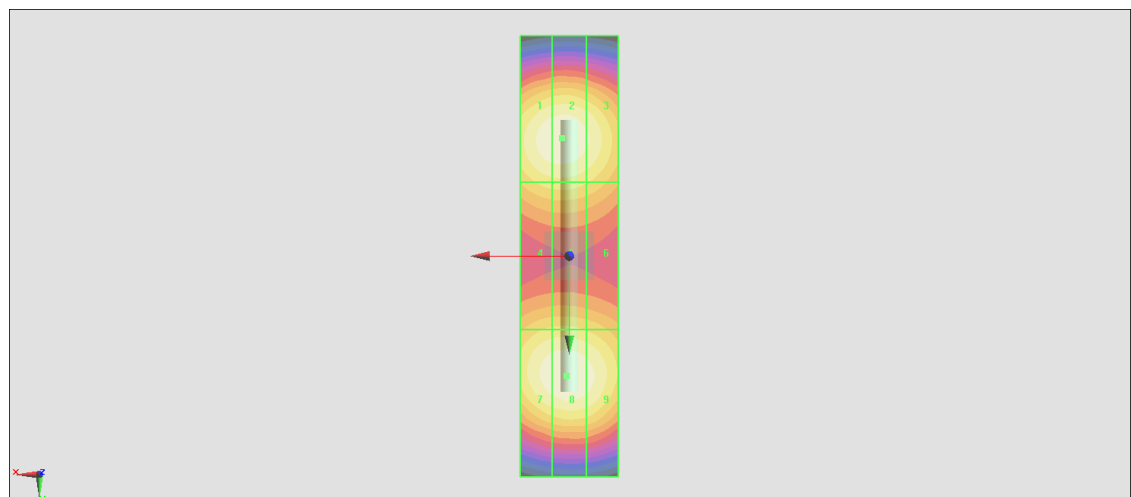
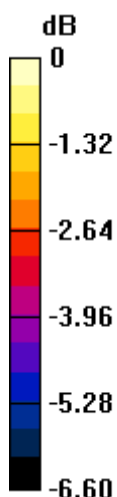
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Grid 1 M3</b><br><b>84.38 V/m</b> | <b>Grid 2 M3</b><br><b>84.72 V/m</b> | <b>Grid 3 M3</b><br><b>81.73 V/m</b> |
| <b>Grid 4 M3</b><br><b>75.45 V/m</b> | <b>Grid 5 M3</b><br><b>75.70 V/m</b> | <b>Grid 6 M3</b><br><b>73.68 V/m</b> |
| <b>Grid 7 M3</b><br><b>83.99 V/m</b> | <b>Grid 8 M3</b><br><b>85.30 V/m</b> | <b>Grid 9 M3</b><br><b>83.12 V/m</b> |

**Cursor:**

Total = 85.30 V/m

E Category: M3

Location: 0.5, 24.5, 9.7 mm



0 dB = 85.30 V/m = 38.62 dBV/m