

# 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 : 23.5 °C

### DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; 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

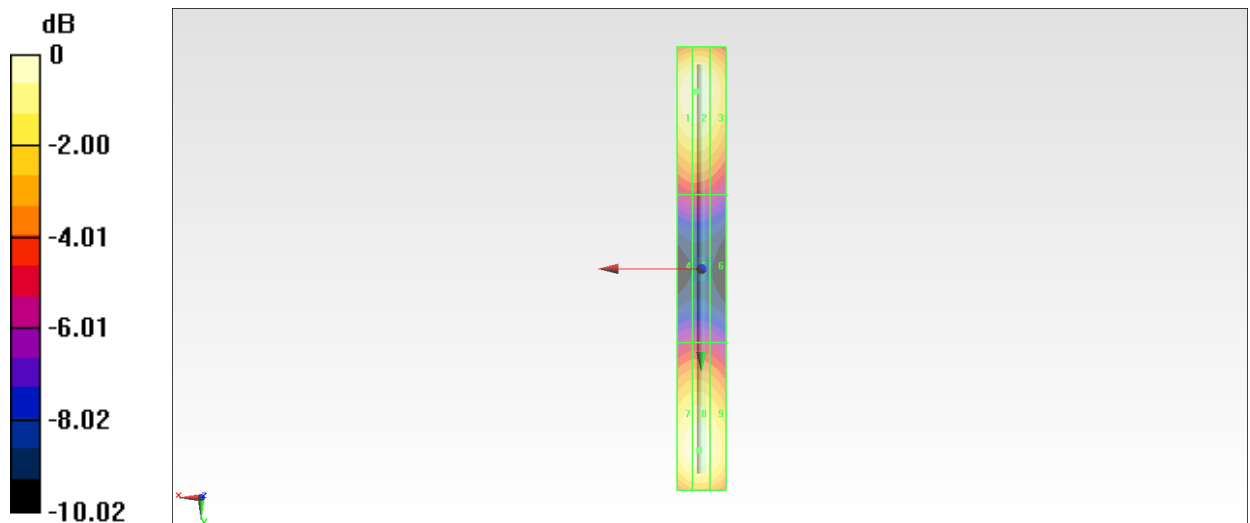
Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 126.5 V/m; Power Drift = -0.10 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 110.1 V/m  
 Average value of Total=(110.1+107.8) / 2 = 108.95 V/m

PMF scaled E-field

Grid 1 M4 <b>109.6 V/m</b>	Grid 2 M4 <b>110.1 V/m</b>	Grid 3 M4 <b>104.5 V/m</b>
Grid 4 M4 <b>62.25 V/m</b>	Grid 5 M4 <b>62.35 V/m</b>	Grid 6 M4 <b>59.91 V/m</b>
Grid 7 M4 <b>107.1 V/m</b>	Grid 8 M4 <b>107.8 V/m</b>	Grid 9 M4 <b>104.3 V/m</b>

### Cursor:

Total = 110.1 V/m  
 E Category: M4  
 Location: 2, -72, 9.7 mm



0 dB = 110.1 V/m = 40.83 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 : 23.5 °C

### DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; 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)

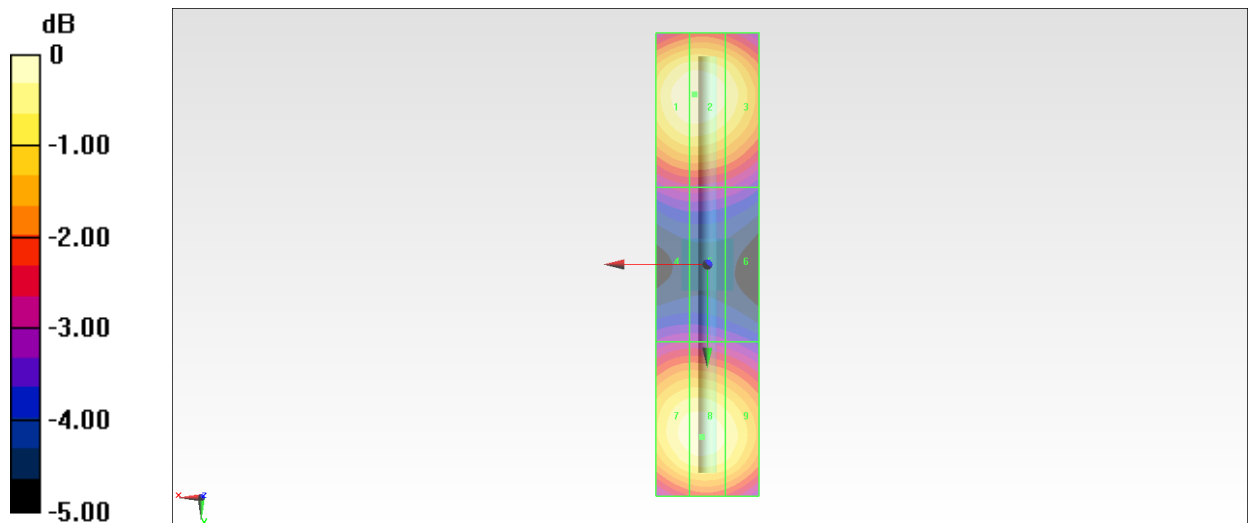
## E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 149.3 V/m; Power Drift = 0.01 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 85.38 V/m  
 Average value of Total=(85.38+84.5) / 2 = 84.94 V/m

PMF scaled E-field

Grid 1 <b>M3</b> <b>85.25 V/m</b>	Grid 2 <b>M3</b> <b>85.38 V/m</b>	Grid 3 <b>M3</b> <b>82.48 V/m</b>
Grid 4 <b>M4</b> <b>62.16 V/m</b>	Grid 5 <b>M4</b> <b>62.19 V/m</b>	Grid 6 <b>M4</b> <b>60.92 V/m</b>
Grid 7 <b>M3</b> <b>84.01 V/m</b>	Grid 8 <b>M3</b> <b>84.50 V/m</b>	Grid 9 <b>M3</b> <b>82.14 V/m</b>

**Cursor:**  
 Total = 85.38 V/m  
 E Category: M3  
 Location: 2.5, -33, 9.7 mm



0 dB = 85.38 V/m = 38.63 dBV/m