

## 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 : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019/1/30

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2020/7/21

- 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 = 124.3 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.1 V/m

Average value of Total= $(114.3+115.1) / 2 = 114.7$  V/m

#### PMF scaled E-field

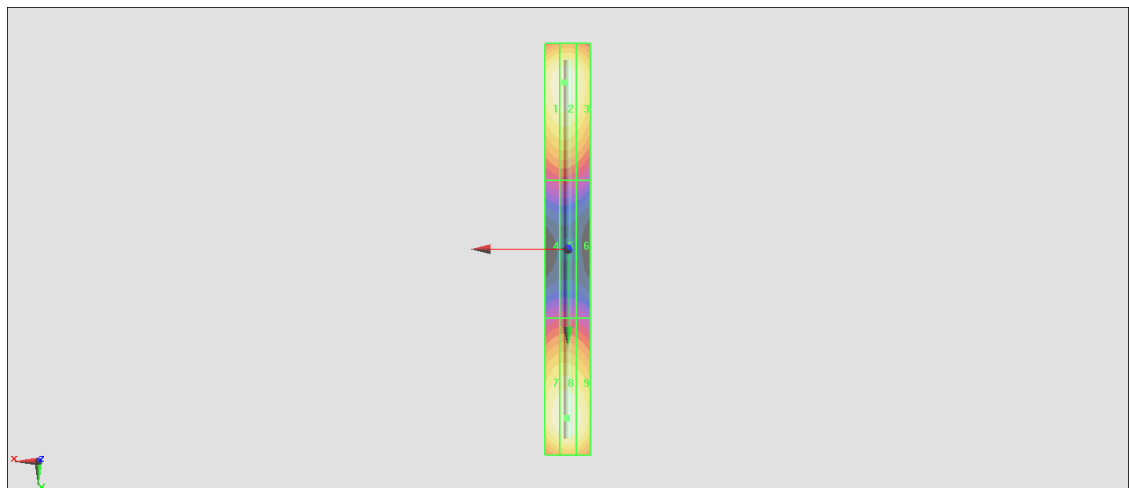
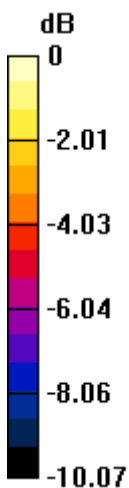
Grid 1 M4 <b>113.4 V/m</b>	Grid 2 M4 <b>114.3 V/m</b>	Grid 3 M4 <b>109.0 V/m</b>
Grid 4 M4 <b>64.35 V/m</b>	Grid 5 M4 <b>64.52 V/m</b>	Grid 6 M4 <b>61.55 V/m</b>
Grid 7 M4 <b>113.2 V/m</b>	Grid 8 M4 <b>115.1 V/m</b>	Grid 9 M4 <b>111.5 V/m</b>

#### Cursor:

Total = 115.1 V/m

E Category: M4

Location: 0.5, 74, 8.7 mm



0 dB = 115.1 V/m = 41.22 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 : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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:

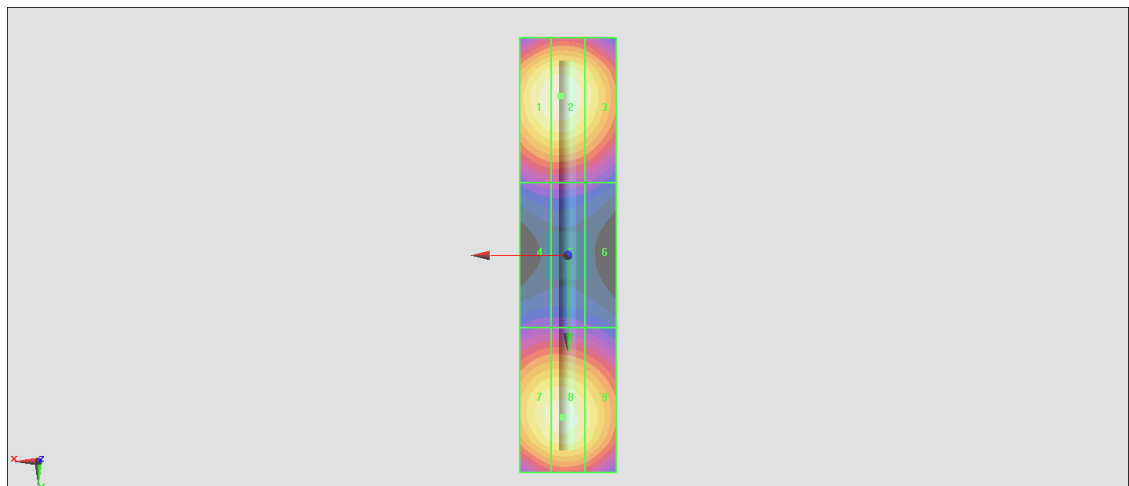
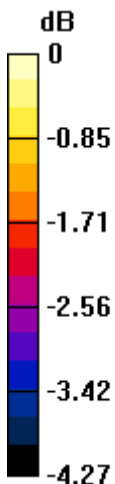
dx=0.5000 mm, dy=0.5000 mm  
 Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 156.6 V/m; Power Drift = 0.01 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 88.19 V/m  
 Average value of Total=(88.19+86.99) / 2 = 87.59 V/m

PMF scaled E-field

Grid 1 <b>M3</b> <b>87.87 V/m</b>	Grid 2 <b>M3</b> <b>88.19 V/m</b>	Grid 3 <b>M3</b> <b>84.77 V/m</b>
Grid 4 <b>M3</b> <b>65.37 V/m</b>	Grid 5 <b>M3</b> <b>65.47 V/m</b>	Grid 6 <b>M3</b> <b>64.03 V/m</b>
Grid 7 <b>M3</b> <b>86.27 V/m</b>	Grid 8 <b>M3</b> <b>86.99 V/m</b>	Grid 9 <b>M3</b> <b>84.09 V/m</b>

**Cursor:**

Total = 88.19 V/m  
 E Category: M3  
 Location: 1.5, -33, 9.7 mm



0 dB = 88.19 V/m = 38.91 dBV/m