

## 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 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2021/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn915; Calibrated: 2020/6/22

- 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 = 135.7 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 118.4 V/m

Average value of Total=(118.4+113.4) / 2 = 115.9 V/m

#### PMF scaled E-field

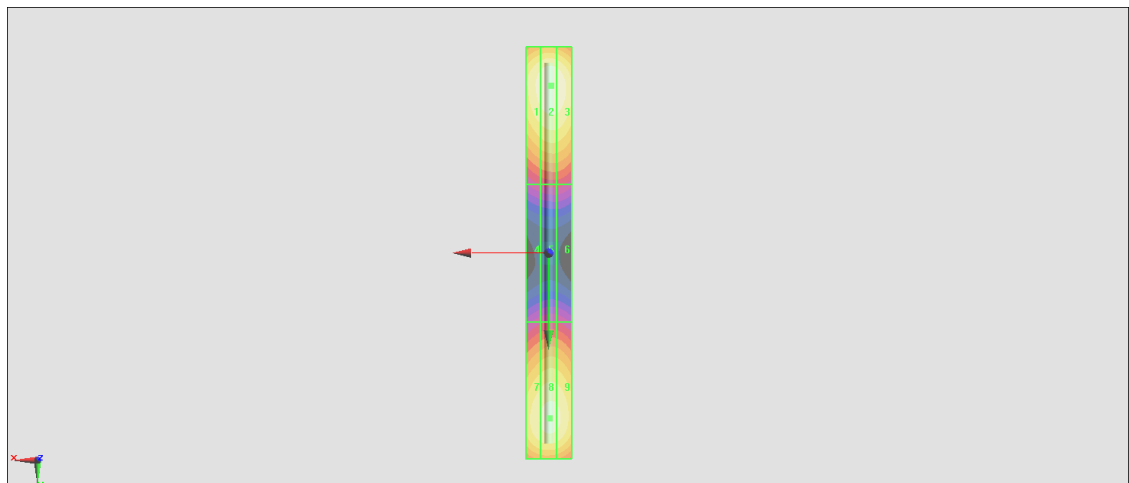
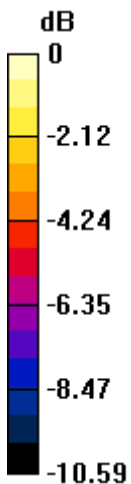
Grid 1 <b>M4</b> <b>113.5 V/m</b>	Grid 2 <b>M4</b> <b>118.4 V/m</b>	Grid 3 <b>M4</b> <b>117.0 V/m</b>
Grid 4 <b>M4</b> <b>62.36 V/m</b>	Grid 5 <b>M4</b> <b>64.34 V/m</b>	Grid 6 <b>M4</b> <b>64.24 V/m</b>
Grid 7 <b>M4</b> <b>110.0 V/m</b>	Grid 8 <b>M4</b> <b>113.4 V/m</b>	Grid 9 <b>M4</b> <b>111.8 V/m</b>

#### Cursor:

Total = 118.4 V/m

E Category: M4

Location: -1, -73, 9.7 mm



0 dB = 118.4 V/m = 41.47 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 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 167.0 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.70 V/m

Average value of Total=(87.10+90.70) / 2 = 88.90 V/m

#### PMF scaled E-field

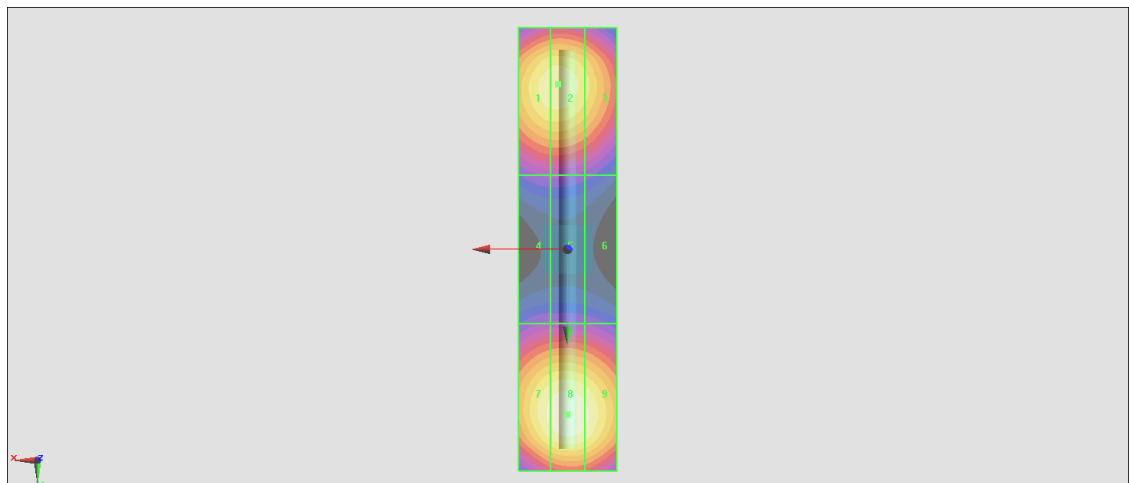
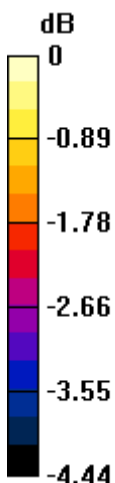
Grid 1 <b>M3</b> <b>86.89 V/m</b>	Grid 2 <b>M3</b> <b>87.10 V/m</b>	Grid 3 <b>M3</b> <b>83.36 V/m</b>
Grid 4 <b>M3</b> <b>65.32 V/m</b>	Grid 5 <b>M3</b> <b>65.39 V/m</b>	Grid 6 <b>M3</b> <b>64.58 V/m</b>
Grid 7 <b>M3</b> <b>88.80 V/m</b>	Grid 8 <b>M3</b> <b>90.70 V/m</b>	Grid 9 <b>M3</b> <b>88.67 V/m</b>

#### Cursor:

Total = 90.70 V/m

E Category: M3

Location: 0, 33.5, 9.7 mm



0 dB = 90.70 V/m = 39.15 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

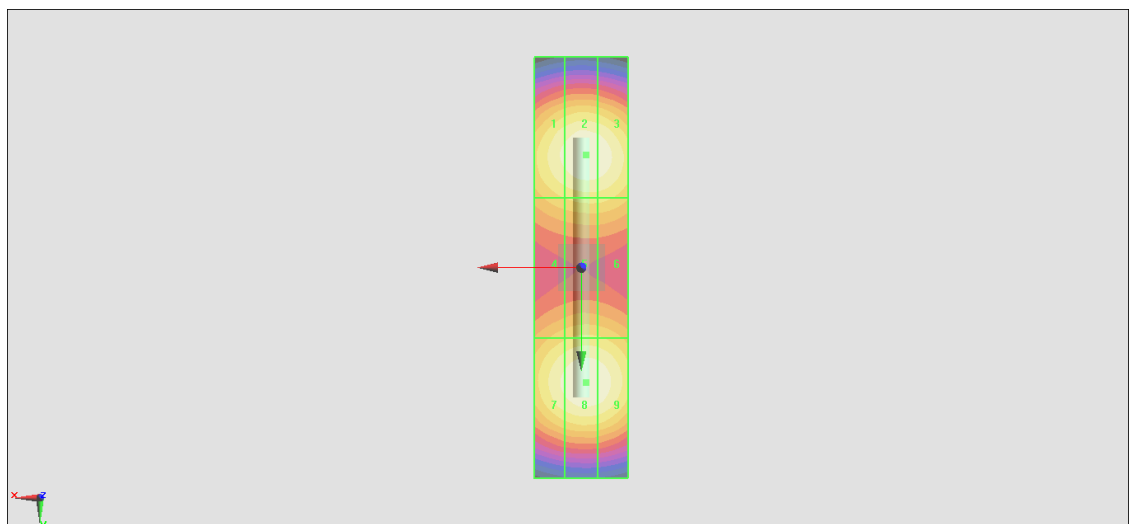
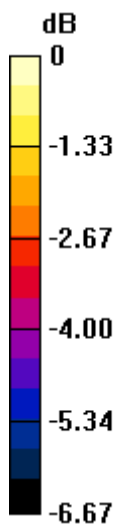
### E Scan - measurement distance from the probe sensor center to CD2450 = 10mm & 15mm 2/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 83.70 V/m; Power Drift = 0.01 dB  
 PMR not calibrated. PMF = 1.000 is applied.  
 E-field emissions = 89.80 V/m  
 Average value of Total=(89.73+89.80) / 2 = 89.765 V/m

PMF scaled E-field

Grid 1 <b>M3</b> <b>86.64 V/m</b>	Grid 2 <b>M3</b> <b>89.73 V/m</b>	Grid 3 <b>M3</b> <b>88.87 V/m</b>
Grid 4 <b>M3</b> <b>77.35 V/m</b>	Grid 5 <b>M3</b> <b>79.23 V/m</b>	Grid 6 <b>M3</b> <b>79.08 V/m</b>
Grid 7 <b>M3</b> <b>86.63 V/m</b>	Grid 8 <b>M3</b> <b>89.80 V/m</b>	Grid 9 <b>M3</b> <b>88.81 V/m</b>

Total = 89.80 V/m  
 E Category: M3  
 Location: -1, 24.5, 9.7 mm



0 dB = 89.80 V/m = 39.07 dBV/m

## HAC\_E\_Dipole\_2600

### 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 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 = 74.81 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.89 V/m

Average value of Total=(88.30+90.89) / 2 = 89.595 V/m

PMF scaled E-field

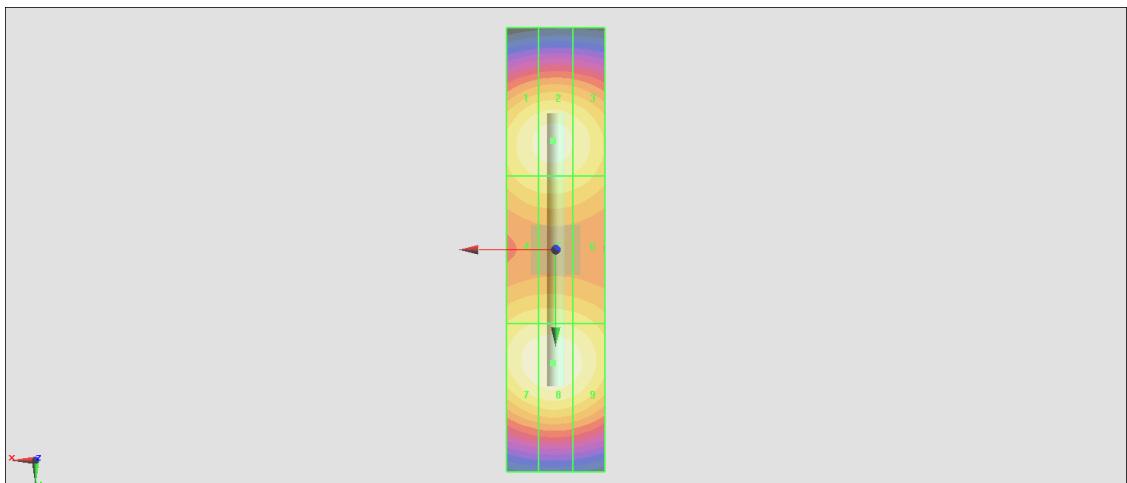
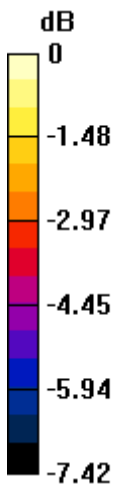
Grid 1 <b>M3</b> <b>87.16 V/m</b>	Grid 2 <b>M3</b> <b>88.30 V/m</b>	Grid 3 <b>M3</b> <b>85.81 V/m</b>
Grid 4 <b>M3</b> <b>81.79 V/m</b>	Grid 5 <b>M3</b> <b>82.48 V/m</b>	Grid 6 <b>M3</b> <b>80.70 V/m</b>
Grid 7 <b>M3</b> <b>89.86 V/m</b>	Grid 8 <b>M3</b> <b>90.89 V/m</b>	Grid 9 <b>M3</b> <b>88.34 V/m</b>

#### Cursor:

Total = 90.89 V/m

E Category: M3

Location: 0.5, 23, 9.7 mm



0 dB = 90.89 V/m = 39.17 dBV/m