

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/m³

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 = 121.9 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.4 V/m

Average value of Total=(109.4 + 103.7) / 2 = 106.55 V/m

PMF scaled E-field

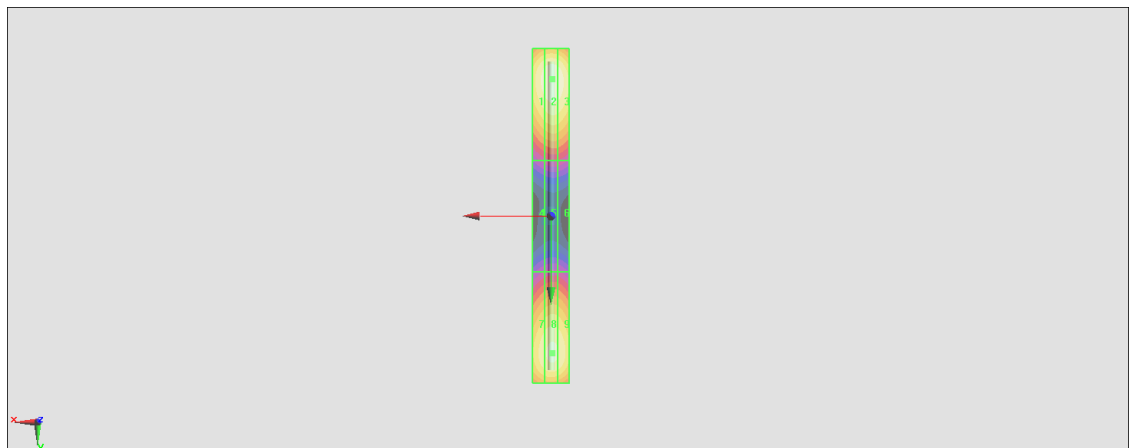
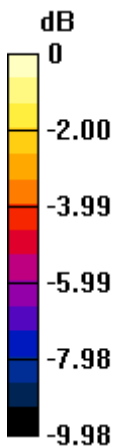
Grid 1 M4 105.9 V/m	Grid 2 M4 109.4 V/m	Grid 3 M4 107.9 V/m
Grid 4 M4 57.63 V/m	Grid 5 M4 59.83 V/m	Grid 6 M4 59.46 V/m
Grid 7 M4 100.2 V/m	Grid 8 M4 103.7 V/m	Grid 9 M4 102.1 V/m

Cursor:

Total = 109.4 V/m

E Category: M4

Location: -0.5, -73.5, 9.7 mm



0 dB = 109.4 V/m = 40.78 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/m³
 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:

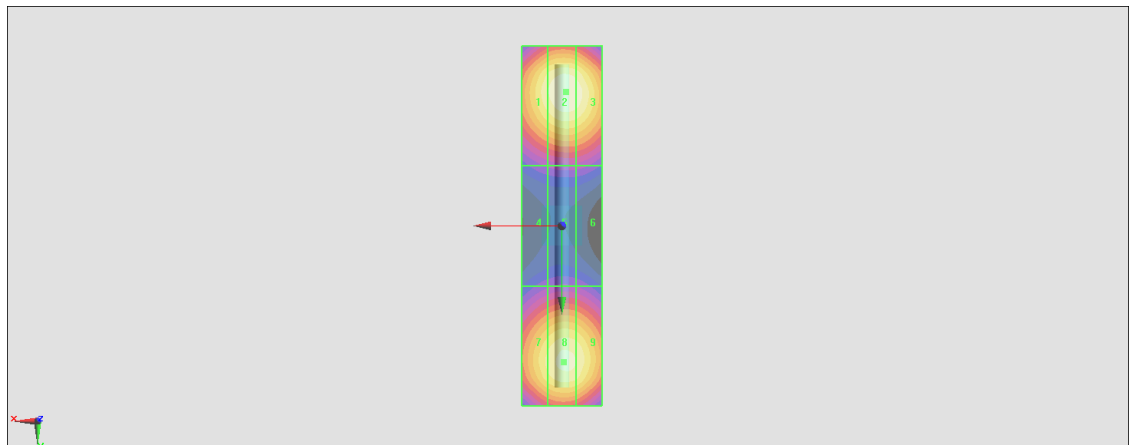
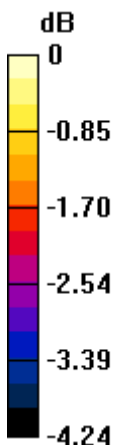
dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 150.1 V/m; Power Drift = 0.02 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 83.68 V/m
 Average value of Total=(83.68 + 81.94) / 2 = 82.81 V/m

PMF scaled E-field

Grid 1 M3 80.88 V/m	Grid 2 M3 83.68 V/m	Grid 3 M3 82.87 V/m
Grid 4 M4 60.94 V/m	Grid 5 M4 61.88 V/m	Grid 6 M4 61.76 V/m
Grid 7 M3 79.28 V/m	Grid 8 M3 81.94 V/m	Grid 9 M3 81.09 V/m

Cursor:

Total = 83.68 V/m
 E Category: M3
 Location: -1, -33.5, 9.7 mm



0 dB = 83.68 V/m = 38.45 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/m³

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 = 73.98 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.85 V/m

Average value of Total=(88.85 + 88.78) / 2 = 88.815 V/m

PMF scaled E-field

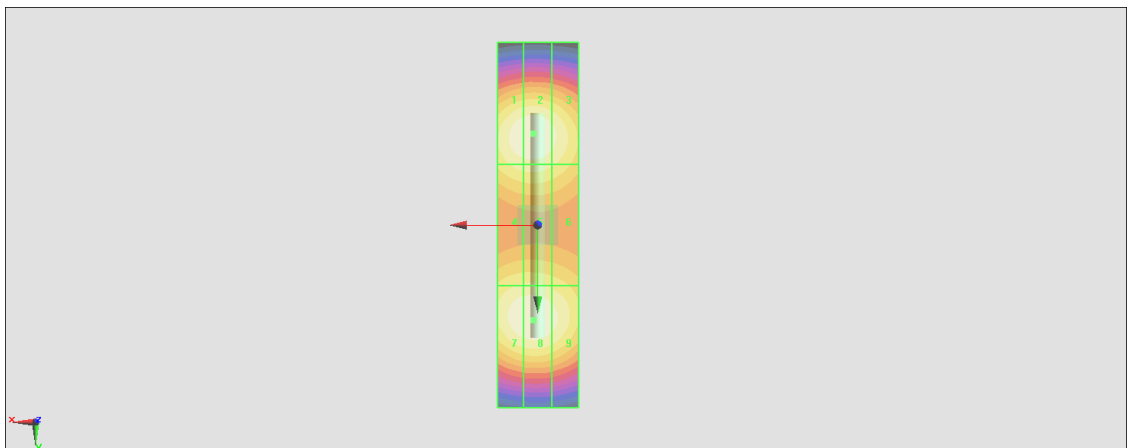
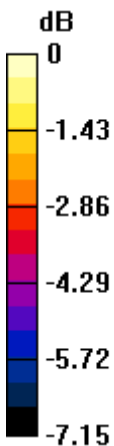
Grid 1 M3 88.10 V/m	Grid 2 M3 88.85 V/m	Grid 3 M3 85.56 V/m
Grid 4 M3 82.21 V/m	Grid 5 M3 82.60 V/m	Grid 6 M3 80.35 V/m
Grid 7 M3 88.18 V/m	Grid 8 M3 88.78 V/m	Grid 9 M3 85.96 V/m

Cursor:

Total = 88.85 V/m

E Category: M3

Location: 1, -22.5, 9.7 mm



0 dB = 88.85 V/m = 38.97 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: CW ; Frequency: 3500 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 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 CD3500 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x121x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.24 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.55 V/m

Average value of Total=(88.55+87.41) / 2 = 87.98 V/m

PMF scaled E-field

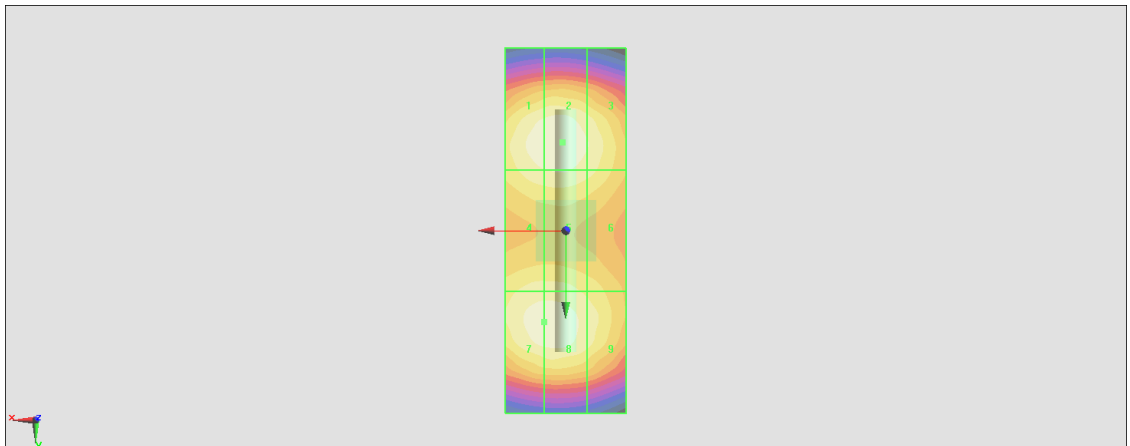
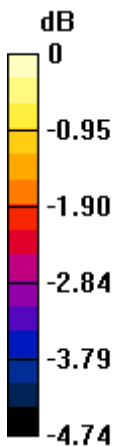
Grid 1 M3 87.82 V/m	Grid 2 M3 88.55 V/m	Grid 3 M3 85.61 V/m
Grid 4 M3 85.30 V/m	Grid 5 M3 85.81 V/m	Grid 6 M3 83.67 V/m
Grid 7 M3 87.40 V/m	Grid 8 M3 87.41 V/m	Grid 9 M3 84.35 V/m

Cursor:

Total = 88.55 V/m

E Category: M3

Location: 0.5, -14.5, 9.7 mm



0 dB = 88.55 V/m = 38.94 dBV/m