

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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:

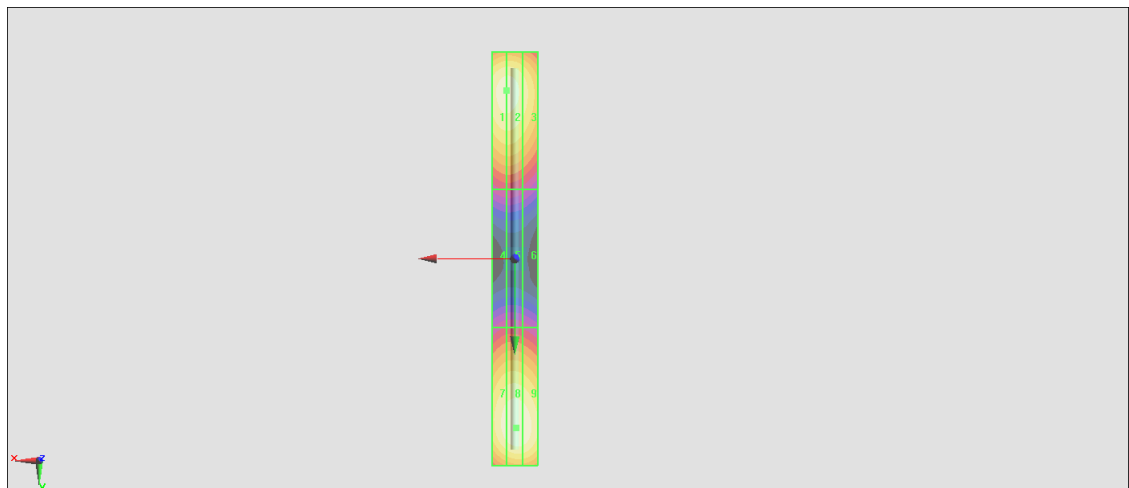
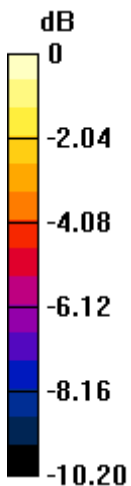
dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 134.3 V/m; Power Drift = -0.04 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 112.4 V/m
 Average value of Total=(108.7+112.4) / 2 = 110.55 V/m

PMF scaled E-field

Grid 1 M4 108.5 V/m	Grid 2 M4 108.7 V/m	Grid 3 M4 101.4 V/m
Grid 4 M4 61.03 V/m	Grid 5 M4 61.27 V/m	Grid 6 M4 59.64 V/m
Grid 7 M4 109.3 V/m	Grid 8 M4 112.4 V/m	Grid 9 M4 110.7 V/m

Cursor:

Total = 112.4 V/m
 E Category: M4
 Location: -0.5, 73.5, 9.7 mm



0 dB = 112.4 V/m = 41.02 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 170.5 V/m; Power Drift = 0.02 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 93.90 V/m
 Average value of Total=(93.90+93.57) / 2 = 93.735 V/m

PMF scaled E-field

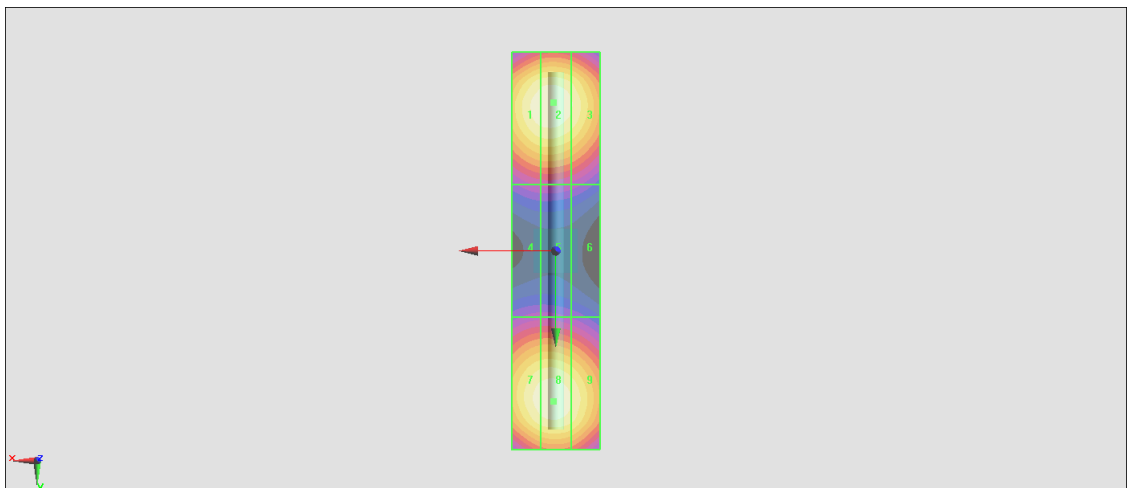
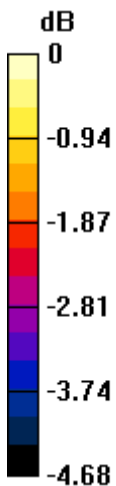
Grid 1 M3 93.06 V/m	Grid 2 M3 93.90 V/m	Grid 3 M3 90.92 V/m
Grid 4 M3 68.63 V/m	Grid 5 M3 68.88 V/m	Grid 6 M3 67.32 V/m
Grid 7 M3 92.52 V/m	Grid 8 M3 93.57 V/m	Grid 9 M3 90.76 V/m

Cursor:

Total = 93.90 V/m

E Category: M3

Location: 0.5, -33.5, 9.7 mm



0 dB = 93.90 V/m = 39.45 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/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2020/5/26

- 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

/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 = 79.93 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.49 V/m

Average value of Total=(84.91+85.49) / 2 = 85.2 V/m

PMF scaled E-field

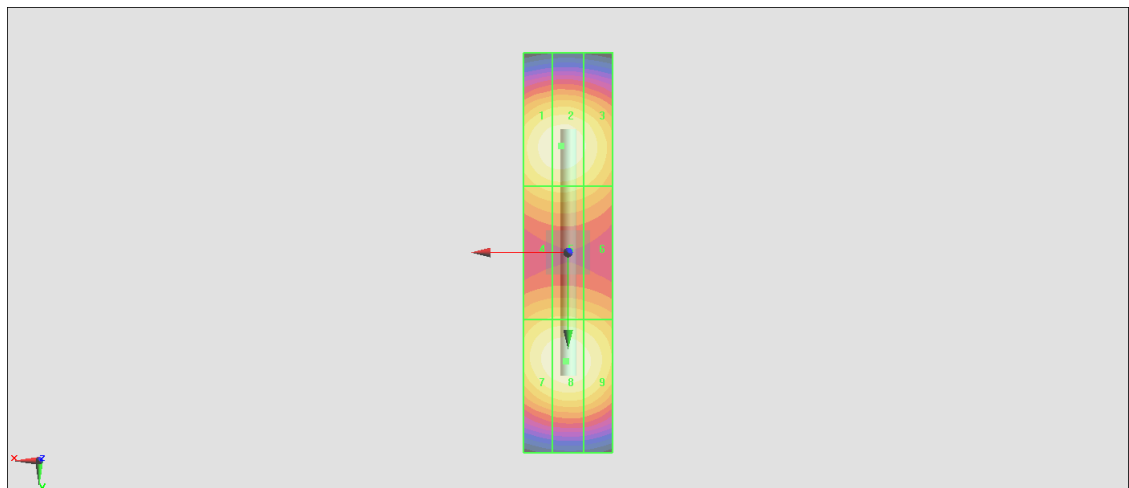
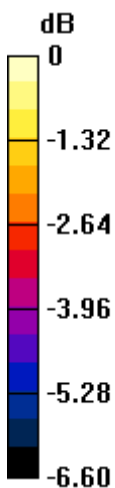
Grid 1 M3 84.56 V/m	Grid 2 M3 84.91 V/m	Grid 3 M3 81.90 V/m
Grid 4 M3 75.60 V/m	Grid 5 M3 75.86 V/m	Grid 6 M3 73.83 V/m
Grid 7 M3 84.16 V/m	Grid 8 M3 85.49 V/m	Grid 9 M3 83.29 V/m

Cursor:

Total = 85.49 V/m

E Category: M3

Location: 0.5, 24.5, 9.7 mm



0 dB = 85.49 V/m = 38.64 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2020/5/26

- 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 = 63.87 V/m; Power Drift = -0.08 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 82.46 V/m

Average value of Total=(82.38+82.46) / 2 = 82.42 V/m

PMF scaled E-field

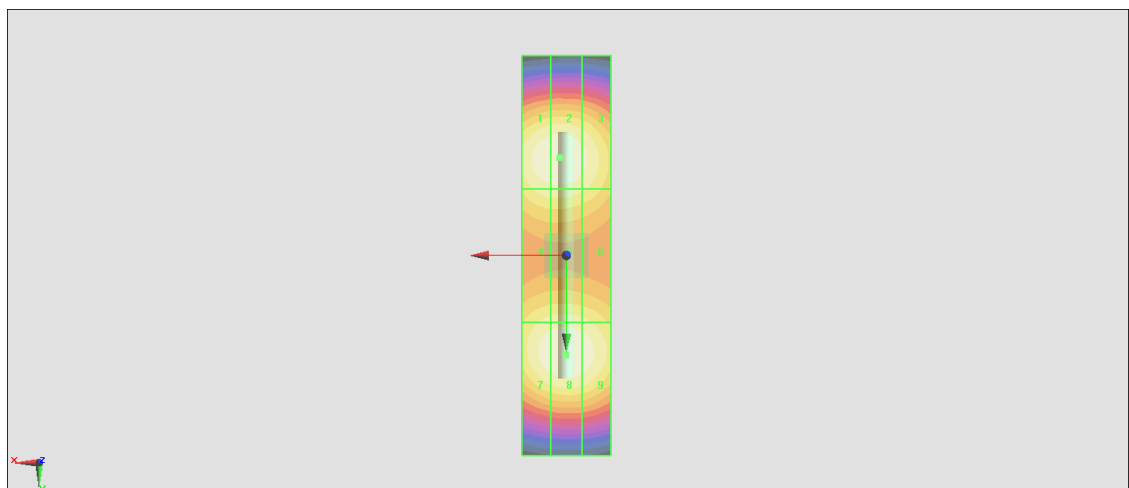
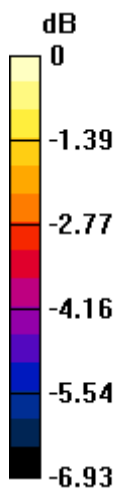
Grid 1 M3 82.00 V/m	Grid 2 M3 82.38 V/m	Grid 3 M3 79.53 V/m
Grid 4 M3 76.96 V/m	Grid 5 M3 77.07 V/m	Grid 6 M3 75.73 V/m
Grid 7 M3 81.23 V/m	Grid 8 M3 82.46 V/m	Grid 9 M3 80.97 V/m

Cursor:

Total = 82.46 V/m

E Category: M3

Location: 0, 22.5, 9.7 mm



0 dB = 82.46 V/m = 38.32 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 37.93 V/m; Power Drift = -0.08 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.27 V/m

Average value of Total=(88.27+87.15) / 2 = 87.71 V/m

PMF scaled E-field

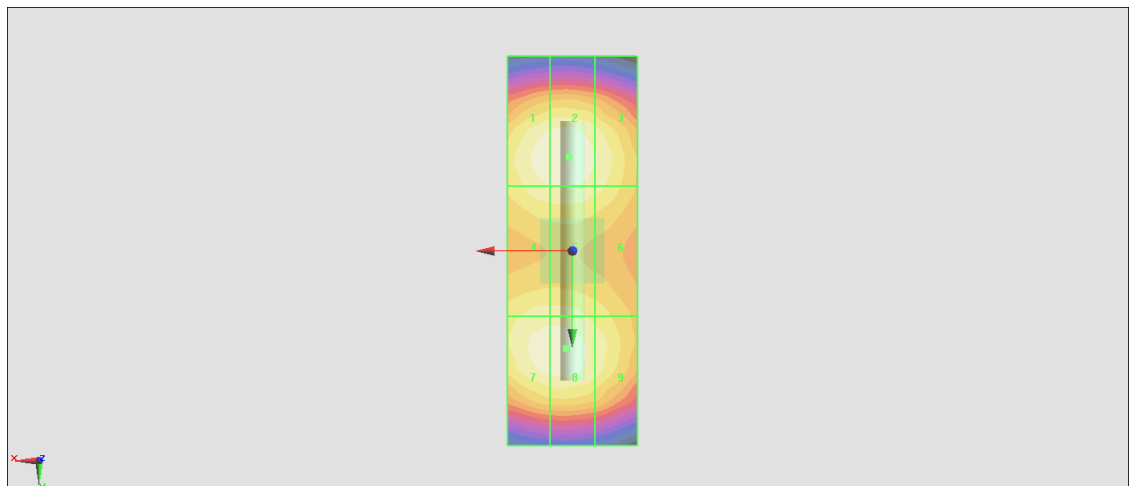
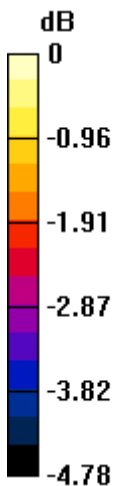
Grid 1 M3 87.56 V/m	Grid 2 M3 88.27 V/m	Grid 3 M3 85.37 V/m
Grid 4 M3 84.95 V/m	Grid 5 M3 85.47 V/m	Grid 6 M3 83.35 V/m
Grid 7 M3 86.96 V/m	Grid 8 M3 87.15 V/m	Grid 9 M3 84.08 V/m

Cursor:

Total = 88.27 V/m

E Category: M3

Location: 0.5, -14.5, 9.7 mm



0 dB = 88.27 V/m = 38.92 dBV/m