

HAC_E_Dipole_835**DUT: HAC-Dipole 835 MHz**

Communication System: UID 0, 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 : 23.3 °C;

DASY5 Configuration:

-Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**E Scan - measurement distance from the probe sensor center to CD835 =
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 = 123.2 V/m; Power Drift = -0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.1 V/m

Average value of Total=(110.1+96.50)/2=103.3 V/m

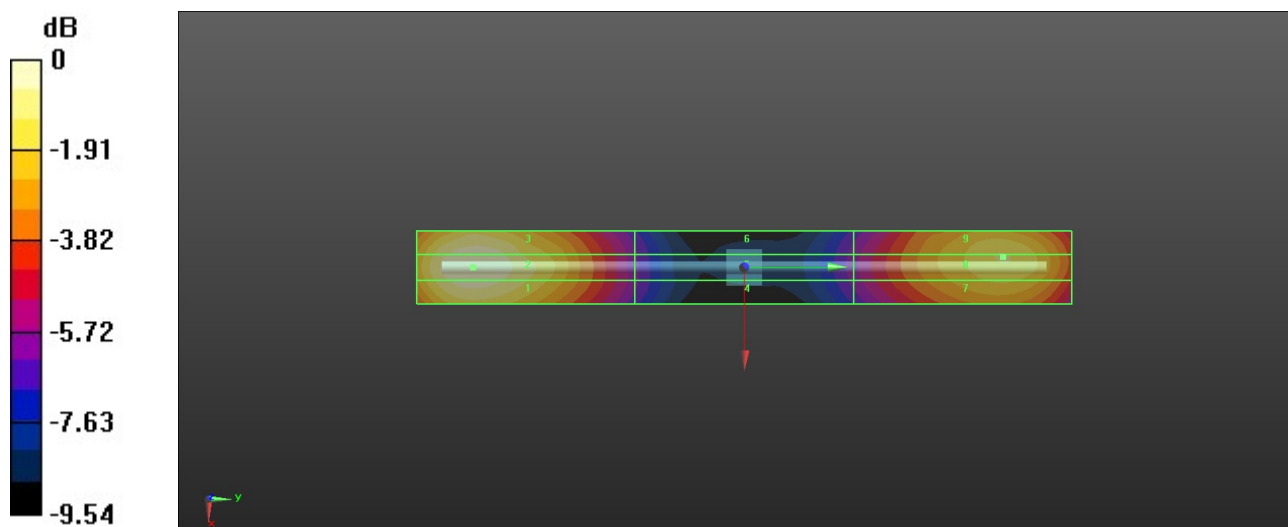
PMF scaled E-field

Grid 1 M4 106.5 V/m	Grid 2 M4 110.1 V/m	Grid 3 M4 106.8 V/m
Grid 4 M4 55.45 V/m	Grid 5 M4 56.77 V/m	Grid 6 M4 55.56 V/m
Grid 7 M4 89.84 V/m	Grid 8 M4 96.50 V/m	Grid 9 M4 95.17 V/m

Total = 110.1 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



HAC_E_Dipole_1880**DUT: HAC Dipole 1880 MHz**

Communication System: UID 0, 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD1880 =

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 = 0.10 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.17 V/m

Average value of Total=(86.17+84.53)/2=85.35 V/m

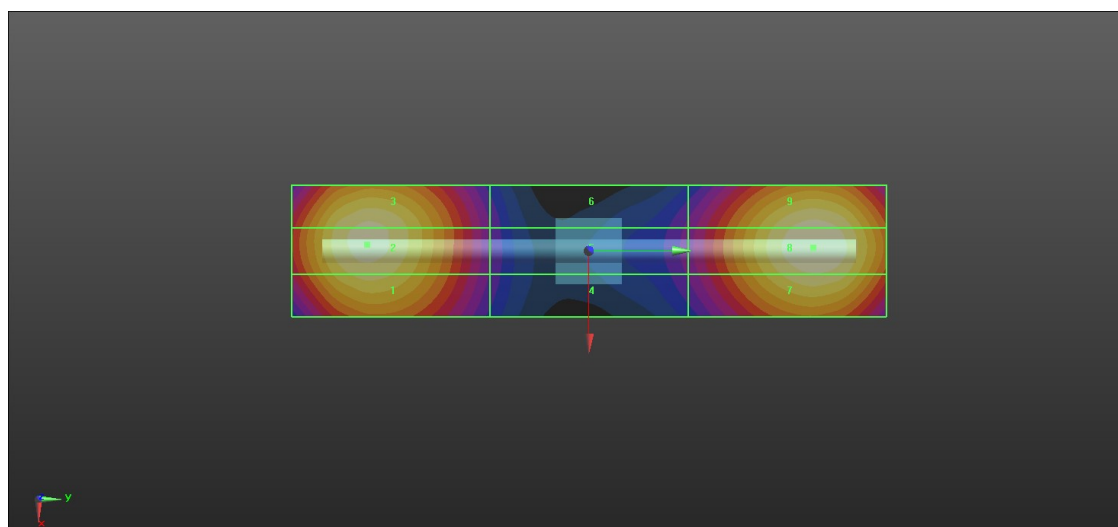
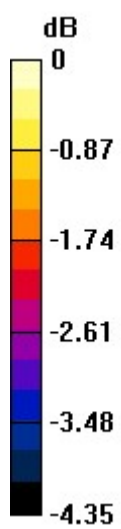
PMF scaled E-field

Grid 1 M3 81.18 V/m	Grid 2 M3 84.53 V/m	Grid 3 M3 84.22 V/m
Grid 4 M4 63.24 V/m	Grid 5 M4 64.51 V/m	Grid 6 M4 62.42 V/m
Grid 7 M3 83.30 V/m	Grid 8 M3 86.17 V/m	Grid 9 M3 84.61 V/m

Total = 86.17 V/m

E Category: M3

Location: -0.5, 34, 9.7 mm



0 dB = 86.17 V/m = 39.04 dBV/m

HAC_E_Dipole_2450**DUT: HAC Dipole 2450 MHz**

Communication System: UID 0, 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2450 =

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 = 79.87 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.86 V/m

Average value of Total=(94.86+93.06)/2=93.96 V/m

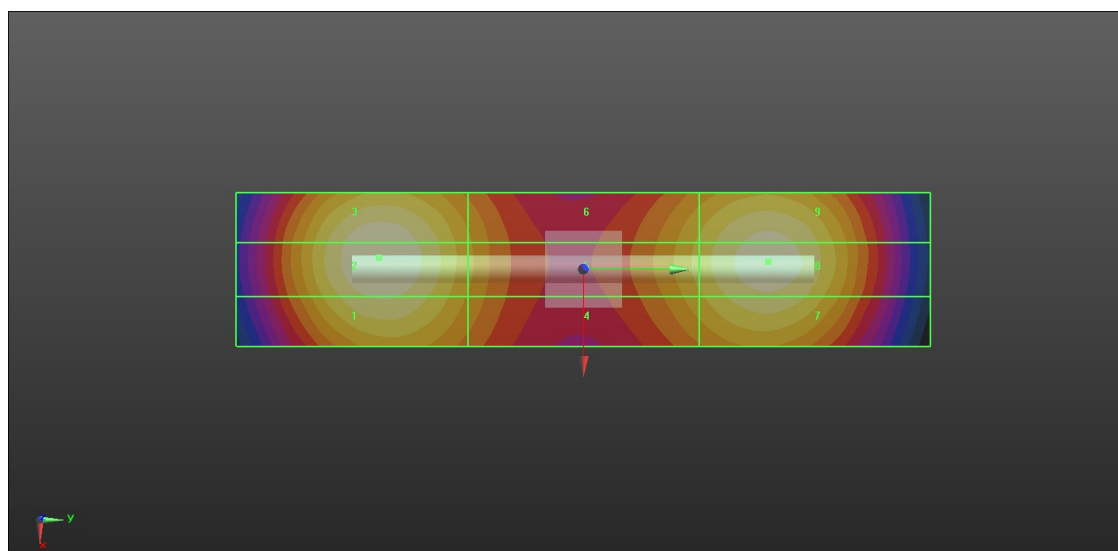
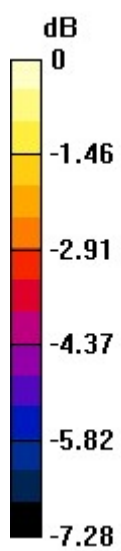
PMF scaled E-field

Grid 1 M3 90.46 V/m	Grid 2 M3 94.86 V/m	Grid 3 M3 93.82 V/m
Grid 4 M3 79.31 V/m	Grid 5 M3 82.06 V/m	Grid 6 M3 81.12 V/m
Grid 7 M3 88.81 V/m	Grid 8 M3 93.06 V/m	Grid 9 M3 91.61 V/m

Total = 94.86 V/m

E Category: M3

Location: -1.5, -26.5, 8.7 mm



0 dB = 94.86 V/m = 39.54 dBV/m

HAC_E_Dipole_2600**DUT: HAC Dipole 2600 MHz**

Communication System: UID 0, CW (0); 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2600 =

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 = 66.52 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.64 V/m

Average value of Total=(85.64+81.42)/2=83.53 V/m

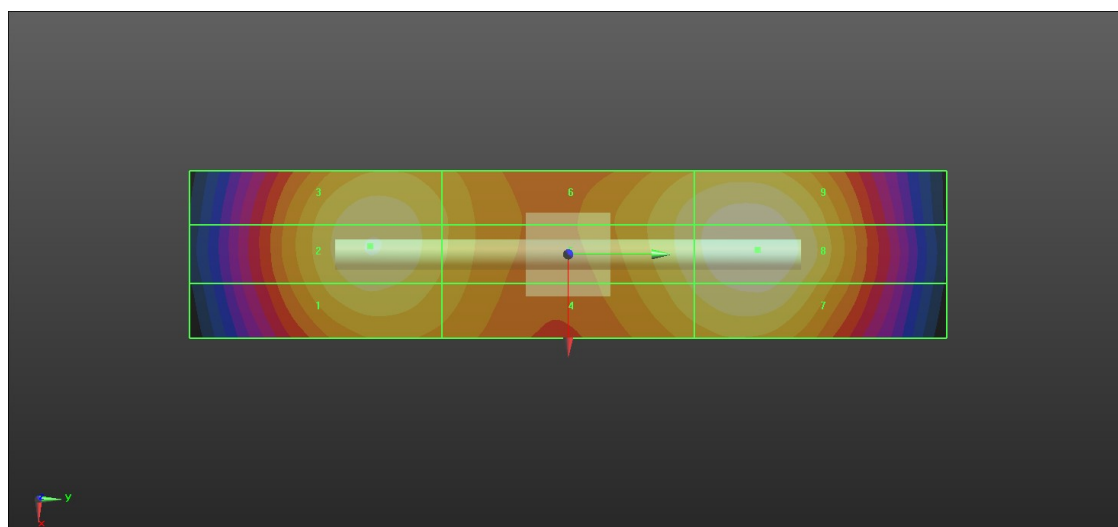
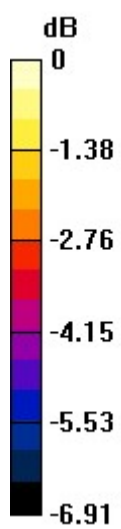
PMF scaled E-field

Grid 1 M3 78.11 V/m	Grid 2 M3 81.42 V/m	Grid 3 M3 80.50 V/m
Grid 4 M3 77.88 V/m	Grid 5 M3 80.25 V/m	Grid 6 M3 79.95 V/m
Grid 7 M3 82.56 V/m	Grid 8 M3 85.64 V/m	Grid 9 M3 84.30 V/m

Total = 85.64 V/m

E Category: M3

Location: -0.5, 22.5, 9.7 mm



0 dB = 85.64 V/m = 38.65 dBV/m

HAC_E_Dipole_3500**DUT: HAC Dipole 3500 MHz**

Communication System: UID 0, CW (0); 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**E Scan - measurement distance from the probe sensor center to CD3500
= 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 = 37.62 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.19 V/m

Average value of Total=(92.19+90.33)/2=91.26 V/m

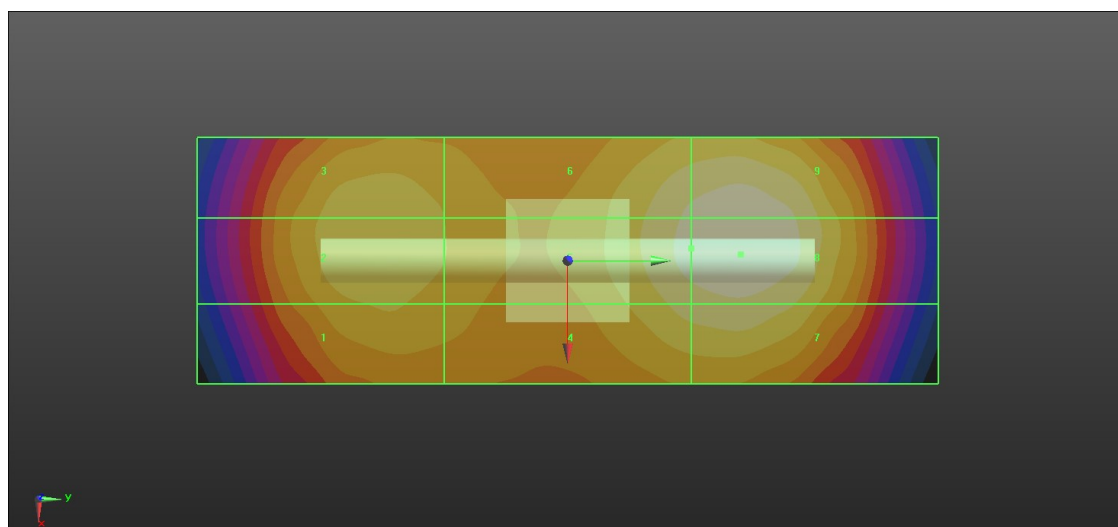
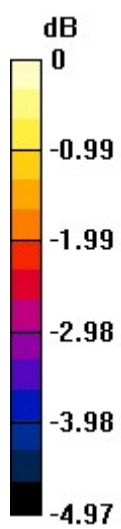
PMF scaled E-field

Grid 1 M3 90.41 V/m	Grid 2 M3 92.19 V/m	Grid 3 M3 91.92 V/m
Grid 4 M3 87.09 V/m	Grid 5 M3 88.17 V/m	Grid 6 M3 87.82 V/m
Grid 7 M3 87.62 V/m	Grid 8 M3 90.33 V/m	Grid 9 M3 88.17 V/m

Total = 92.19 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 92.19 V/m = 39.42 dBV/m