

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: 2022/1/31

- 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 = 93.88 V/m; Power Drift = -0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 105.2 V/m

Average value of Total=(105.2+88.40)/2=96.80 V/m

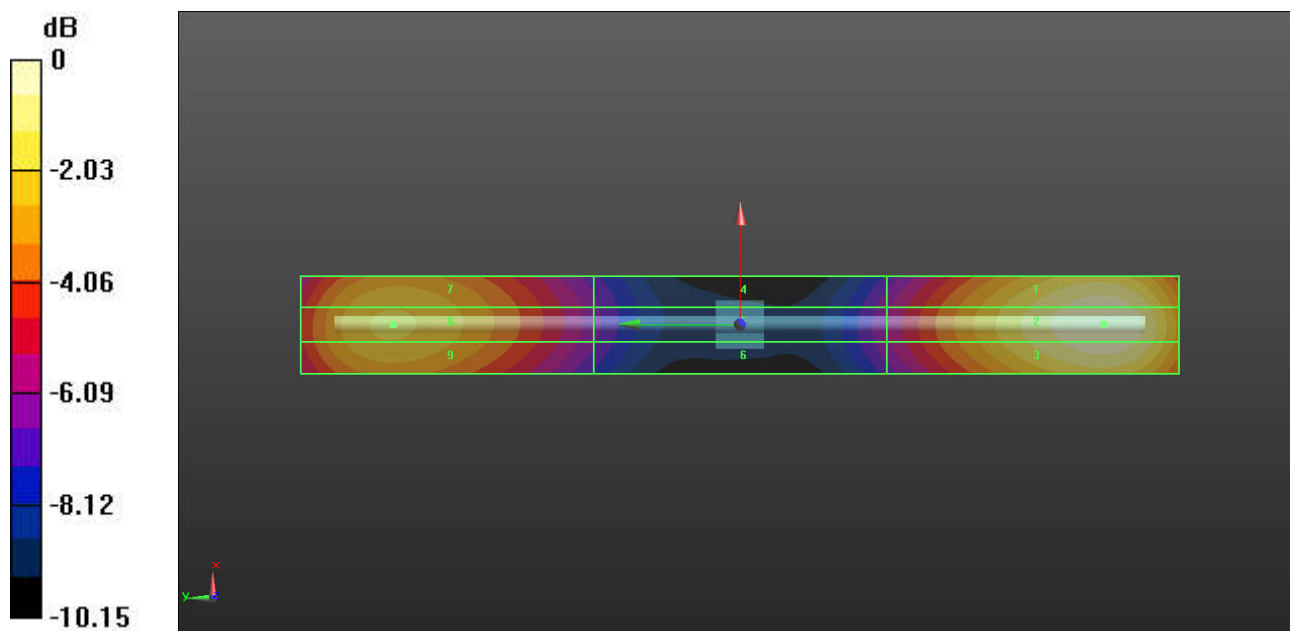
PMF scaled E-field

Grid 1 M4 102.6 V/m	Grid 2 M4 105.2 V/m	Grid 3 M4 101.5 V/m
Grid 4 M4 50.74 V/m	Grid 5 M4 51.77 V/m	Grid 6 M4 50.36 V/m
Grid 7 M4 87.04 V/m	Grid 8 M4 88.40 V/m	Grid 9 M4 87.47 V/m

Total = 105.1 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 105.2 V/m = 36.85 dBV/m

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: 2022/1/31

- 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 = 139.2 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 96.25 V/m

Average value of Total=(96.25+92.23)/2=94.24 V/m

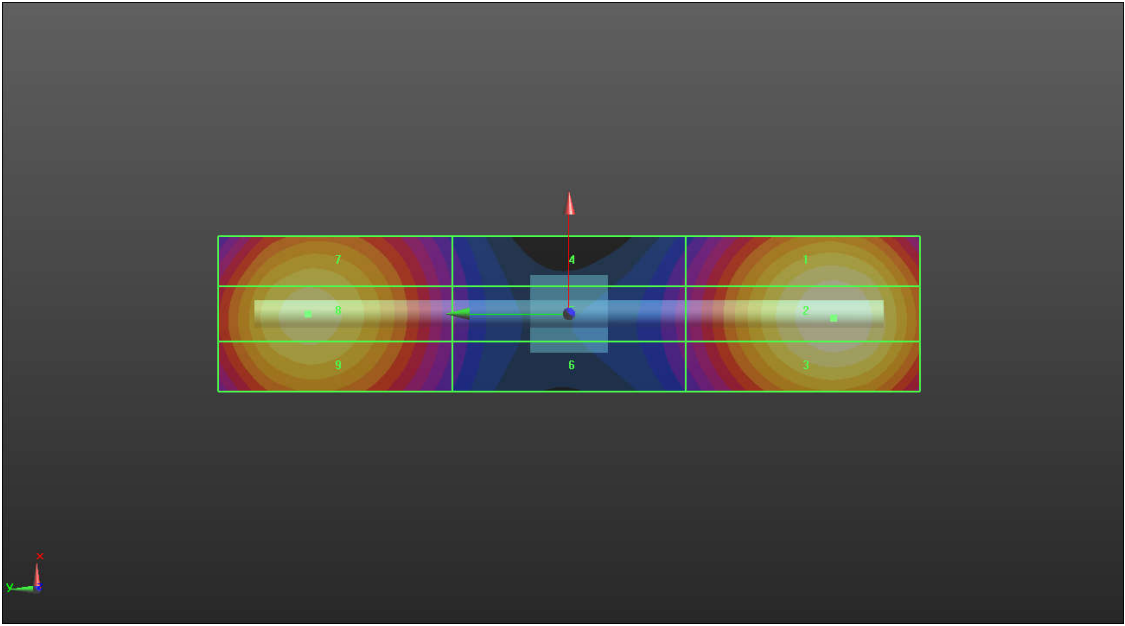
PMF scaled E-field

Grid 1 M3 94.31 V/m	Grid 2 M3 96.25 V/m	Grid 3 M3 94.49 V/m
Grid 4 M3 62.36 V/m	Grid 5 M3 64.07 V/m	Grid 6 M3 62.50 V/m
Grid 7 M3 88.17 V/m	Grid 8 M3 92.23 V/m	Grid 9 M3 89.15 V/m

Total = 96.25 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm


$$0 \text{ dB} = 96.25 \text{ V/m} = 40.11 \text{ dBV/m}$$

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 : 23.5 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- 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 = 68.23 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.68 V/m

Average value of Total=(85.68+84.22)/2=84.95 V/m

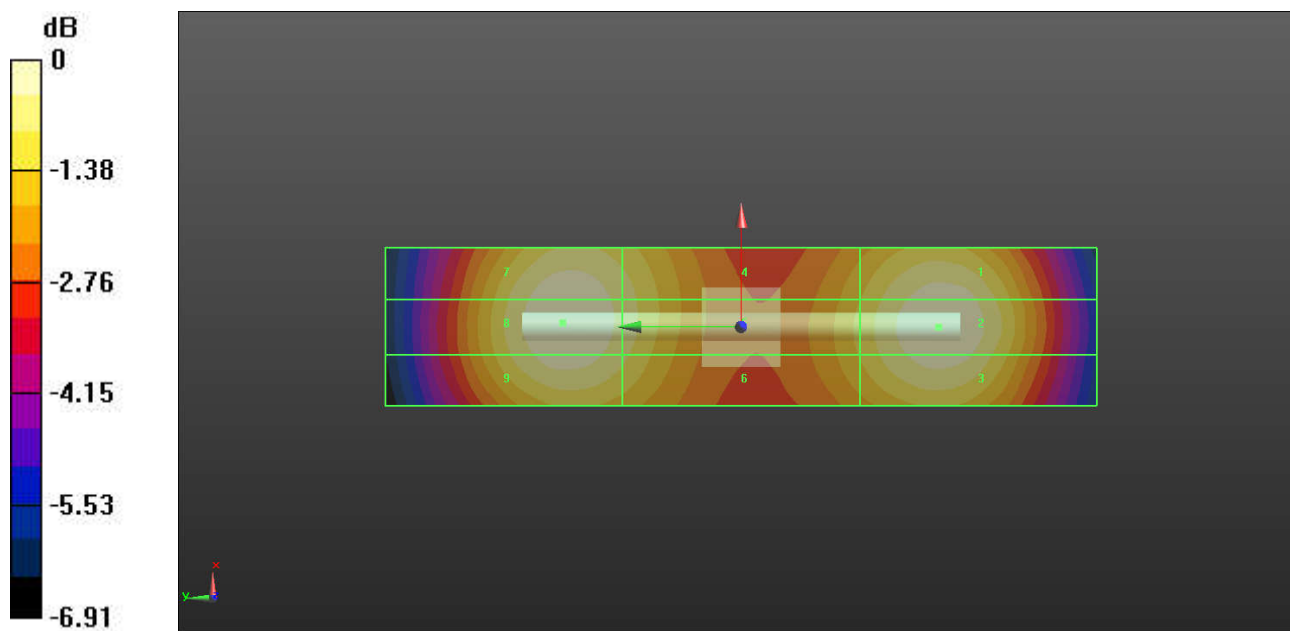
PMF scaled E-field

Grid 1 M3 83.27 V/m	Grid 2 M3 85.68 V/m	Grid 3 M3 84.18 V/m
Grid 4 M3 77.55 V/m	Grid 5 M3 78.81 V/m	Grid 6 M3 77.27 V/m
Grid 7 M3 83.53 V/m	Grid 8 M3 84.22 V/m	Grid 9 M3 84.20 V/m

Total = 85.68 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 85.68 V/m = 40.72 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: 2022/1/31

- 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 = 74.05 V/m; Power Drift = 0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.43 V/m

Average value of Total=(89.43+88.21)/2=88.82 V/m

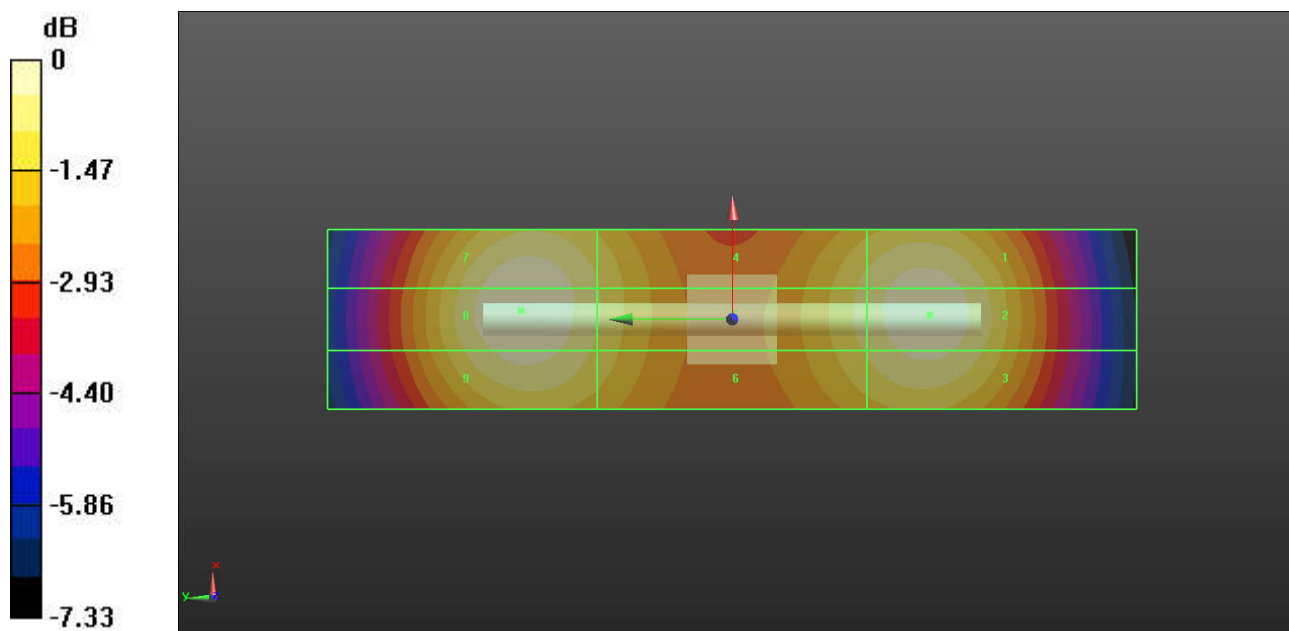
PMF scaled E-field

Grid 1 M3 88.12 V/m	Grid 2 M3 88.21 V/m	Grid 3 M3 88.03 V/m
Grid 4 M3 81.83 V/m	Grid 5 M3 81.30 V/m	Grid 6 M3 81.35 V/m
Grid 7 M3 88.65 V/m	Grid 8 M3 89.43 V/m	Grid 9 M3 88.21 V/m

Total = 89.43 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 89.43 V/m = 38.20 dBV/m