

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 : 23.2 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31

- Electronics: DAE4 Sn1691; Calibrated: 2021/10/4

- 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 =
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 = 115.6 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.9 V/m

Average value of Total=(115.9+93.85)/2=104.88 V/m

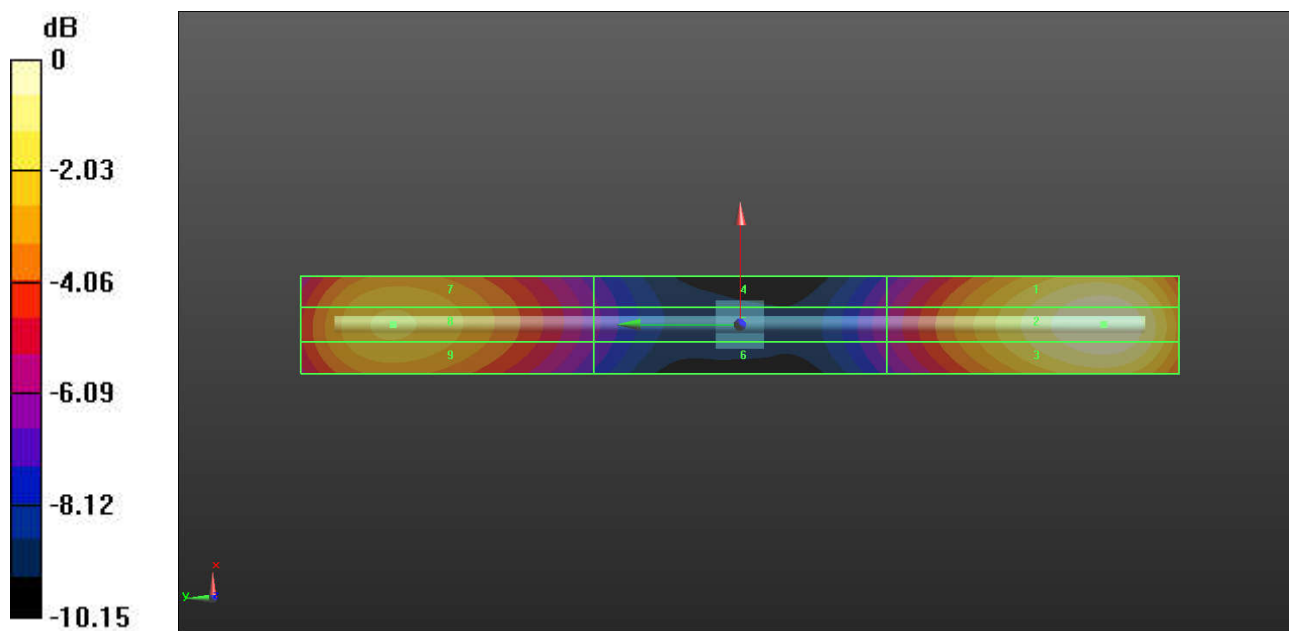
PMF scaled E-field

Grid 1 M4 113.9 V/m	Grid 2 M4 115.9 V/m	Grid 3 M4 114.4 V/m
Grid 4 M4 56.68 V/m	Grid 5 M4 57.87 V/m	Grid 6 M4 57.17 V/m
Grid 7 M4 92.24 V/m	Grid 8 M4 93.85 V/m	Grid 9 M4 92.28 V/m

Total = 115.9 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: 2022/1/31

- Electronics: DAE4 Sn1691; Calibrated: 2021/10/4

- 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 =
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 = 156.8 V/m; Power Drift = 0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 97.66 V/m

Average value of Total=(97.66+93.86)/2=95.76 V/m

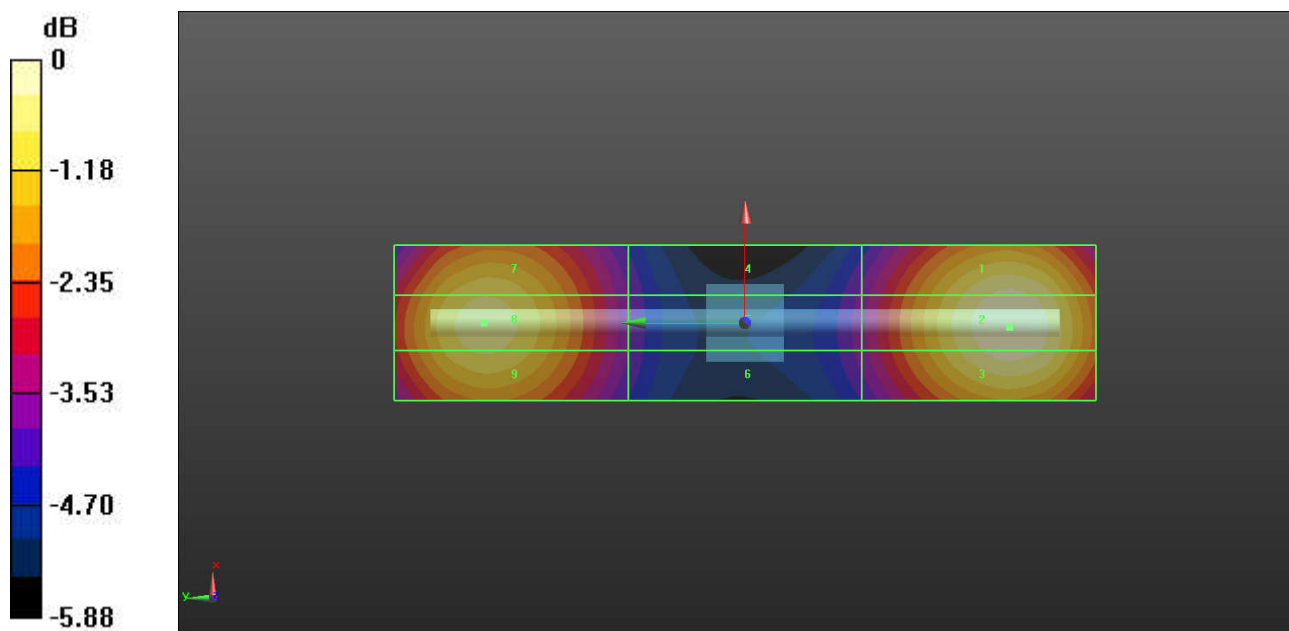
PMF scaled E-field

Grid 1 M3 95.38 V/m	Grid 2 M3 97.66 V/m	Grid 3 M3 96.33 V/m
Grid 4 M3 63.50 V/m	Grid 5 M3 65.64 V/m	Grid 6 M3 65.06 V/m
Grid 7 M3 92.57 V/m	Grid 8 M3 93.86 V/m	Grid 9 M3 92.31 V/m

Total = 97.66 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



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: 2022/1/31

- Electronics: DAE4 Sn1691; Calibrated: 2021/10/4

- 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 = 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 = 66.61 V/m; Power Drift = -0.13 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 82.57 V/m

Average value of Total=(82.57+81.55)/2=82.06 V/m

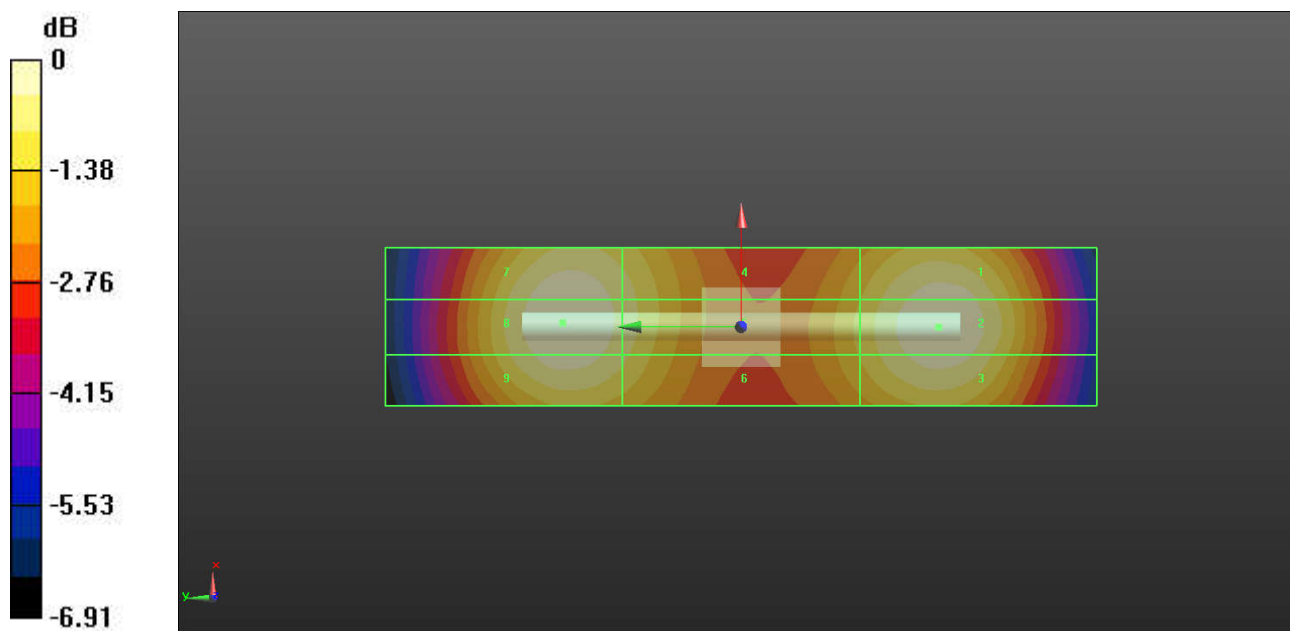
PMF scaled E-field

Grid 1 M3 80.74 V/m	Grid 2 M3 82.57 V/m	Grid 3 M3 79.13 V/m
Grid 4 M3 76.66 V/m	Grid 5 M3 77.12 V/m	Grid 6 M3 75.43 V/m
Grid 7 M3 81.65 V/m	Grid 8 M3 81.55 V/m	Grid 9 M3 80.62 V/m

Total = 82.57 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 82.57 V/m = 39.03 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 Sn1691; Calibrated: 2021/10/4
- 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 = 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 = 73.65 V/m; Power Drift = 0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.77 V/m

Average value of Total=(88.77+87.39)/2=88.08 V/m

PMF scaled E-field

Grid 1 M3 87.2 V/m	Grid 2 M3 87.39 V/m	Grid 3 M3 85.34 V/m
Grid 4 M3 81.97 V/m	Grid 5 M3 82.95 V/m	Grid 6 M3 79.88 V/m
Grid 7 M3 86.95 V/m	Grid 8 M3 88.77 V/m	Grid 9 M3 86.92 V/m

Total = 88.77 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm

