

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 Sn1338; Calibrated: 2022/12/15

- 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 = 99.51 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 102.6 V/m

Average value of Total=(102.6+97.66)/2=100.13 V/m

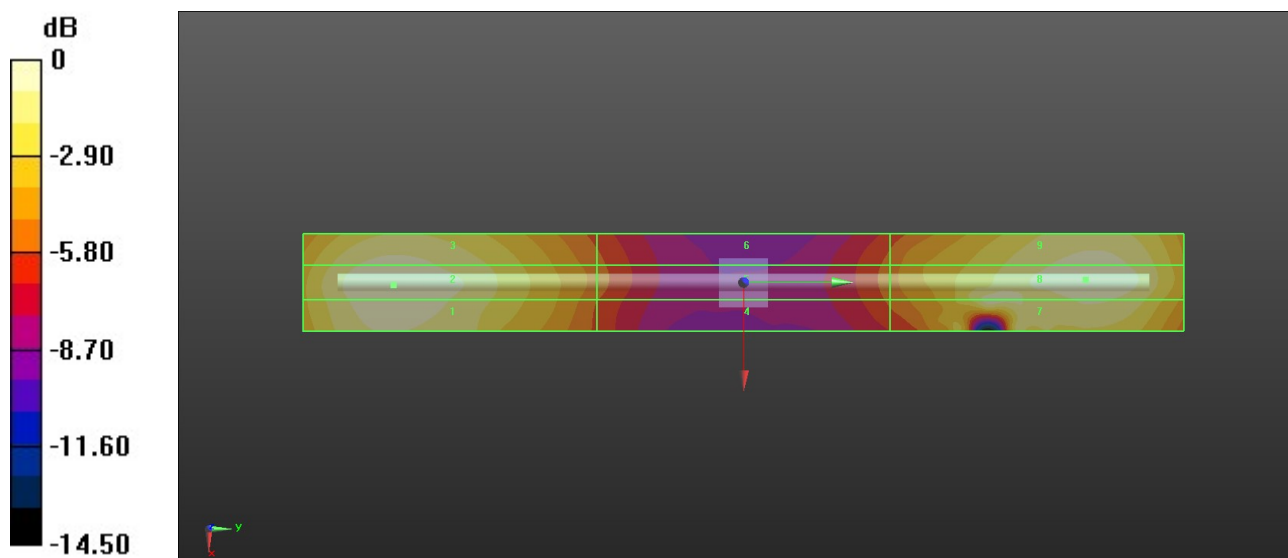
PMF scaled E-field

Grid 1 M4 99.21 V/m	Grid 2 M4 102.6 V/m	Grid 3 M4 97.21 V/m
Grid 4 M4 55.77 V/m	Grid 5 M4 57.81 V/m	Grid 6 M4 56.12 V/m
Grid 7 M4 97.67 V/m	Grid 8 M4 97.66 V/m	Grid 9 M4 96.33 V/m

Total = 102.6 V/m

E Category: M4

Location: 0.5, -71.5, 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 Sn1338; Calibrated: 2022/12/15

- 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 = 146.0 V/m; Power Drift = -0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 83.47 V/m

Average value of Total=(83.47+81.45)/2=82.46 V/m

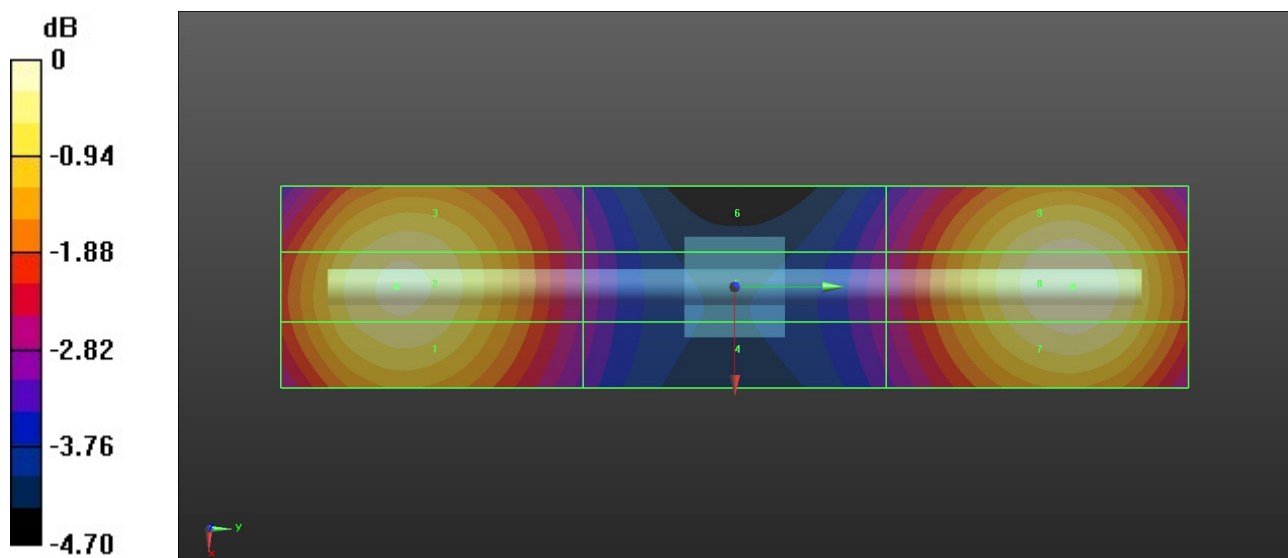
PMF scaled E-field

Grid 1 M3 80.11 V/m	Grid 2 M3 81.45 V/m	Grid 3 M3 79.97 V/m
Grid 4 M4 60.08 V/m	Grid 5 M4 60.65 V/m	Grid 6 M4 59.97 V/m
Grid 7 M3 81.68 V/m	Grid 8 M3 83.47 V/m	Grid 9 M3 81.83 V/m

Total = 83.47 V/m

E Category: M3

Location: 0, 33.5, 9.7 mm



0 dB = 83.47 V/m = 38.20 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 Sn1338; Calibrated: 2022/12/15

- 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 = 73.28 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 84.98 V/m

Average value of Total=(84.98+82.66)/2=83.82 V/m

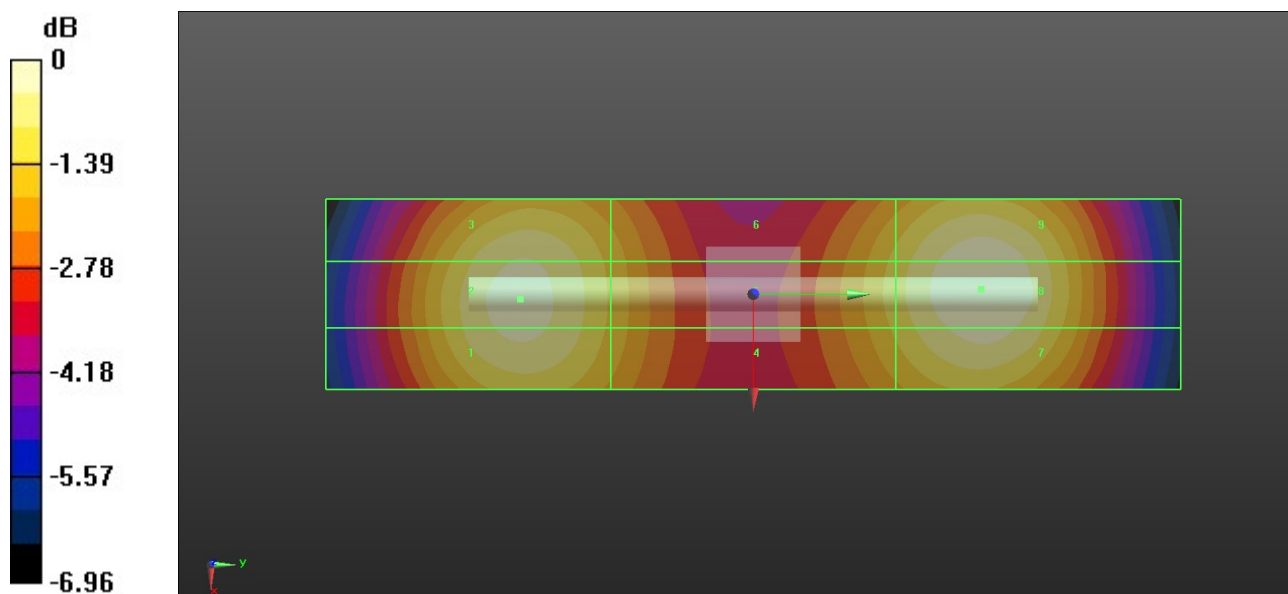
PMF scaled E-field

Grid 1 M3 81.73 V/m	Grid 2 M3 82.66 V/m	Grid 3 M3 80.88 V/m
Grid 4 M3 73.34 V/m	Grid 5 M3 74.70 V/m	Grid 6 M3 73.78 V/m
Grid 7 M3 82.63 V/m	Grid 8 M3 84.98 V/m	Grid 9 M3 83.76 V/m

Total = 84.98 V/m

E Category: M3

Location: -0.5, 24, 8.7 mm



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 Sn1338; Calibrated: 2022/12/15

- 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 = 67.05 V/m; Power Drift = -0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 82.19 V/m

Average value of Total=(82.19+81.75)/2=81.97 V/m

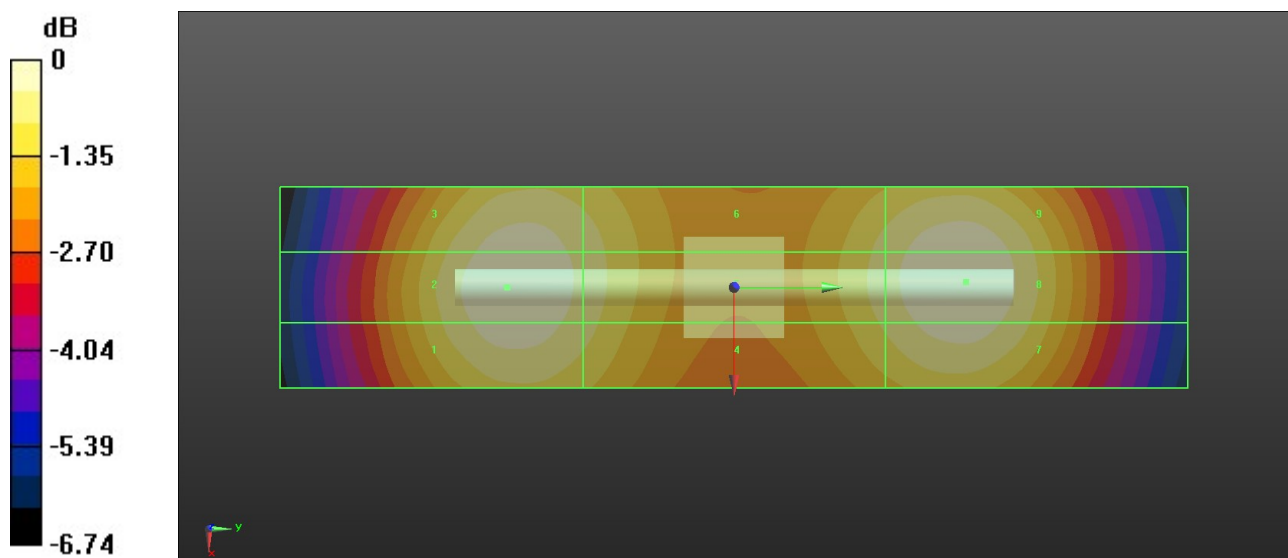
PMF scaled E-field

Grid 1 M3 80.34 V/m	Grid 2 M3 81.75 V/m	Grid 3 M3 80.54 V/m
Grid 4 M3 75.91 V/m	Grid 5 M3 77.10 V/m	Grid 6 M3 76.61 V/m
Grid 7 M3 80.83 V/m	Grid 8 M3 82.19 V/m	Grid 9 M3 81.94 V/m

Total = 82.19 V/m

E Category: M3

Location: -0.5, 23, 9.7 mm



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 Sn1338; Calibrated: 2022/12/15

- 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 = 39.00 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 80.48 V/m

Average value of Total=(80.48+80.36)/2=80.42 V/m

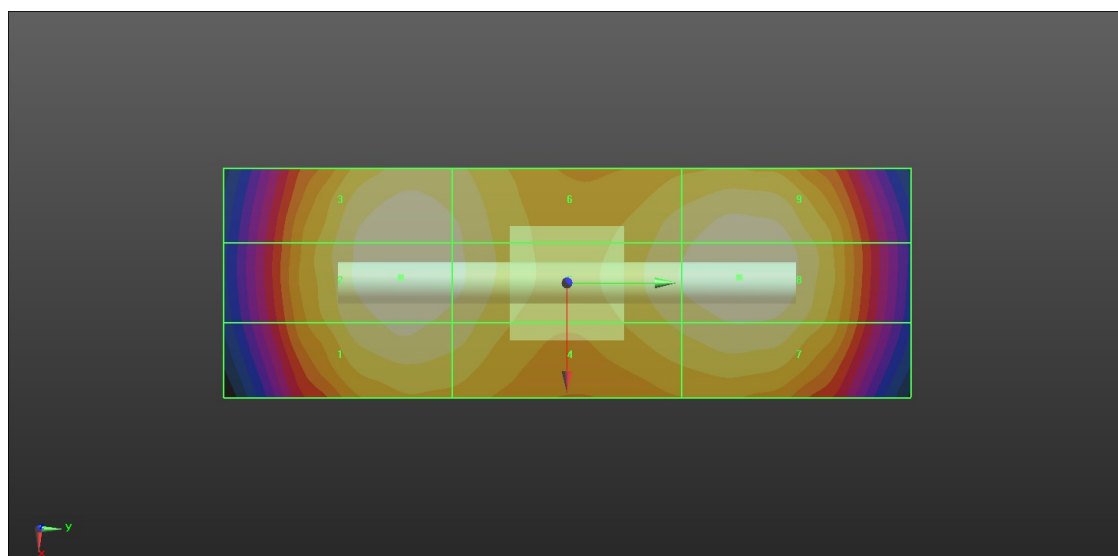
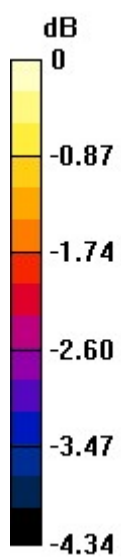
PMF scaled E-field

Grid 1 M3 78.47 V/m	Grid 2 M3 80.48 V/m	Grid 3 M3 80.21 V/m
Grid 4 M3 76.93 V/m	Grid 5 M3 78.74 V/m	Grid 6 M3 78.51 V/m
Grid 7 M3 77.96 V/m	Grid 8 M3 80.36 V/m	Grid 9 M3 79.71 V/m

Total = 80.48 V/m

E Category: M3

Location: -0.5, -14.5, 9.7 mm



0 dB = 80.48 V/m = 38.11 dBV/m

HAC_E_Dipole_5500**DUT: HAC Dipole 5500 MHz**

Communication System: UID 0, CW (0); Frequency: 5500 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 Sn1338; Calibrated: 2022/12/15
- 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 CD5500 = 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 = 24.35 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 100.1 V/m

Average value of Total=(98.38+97.36)/2=97.87 V/m

PMF scaled E-field

Grid 1 M3 81.74 V/m	Grid 2 M3 83.63 V/m	Grid 3 M3 81.59 V/m
Grid 4 M3 98.38 V/m	Grid 5 M3 100.1 V/m	Grid 6 M3 97.36 V/m
Grid 7 M3 82.66 V/m	Grid 8 M3 83.80 V/m	Grid 9 M3 81.18 V/m

Total = 100.1 V/m

E Category: M3

Location: 0.5, 3.5, 8.7 mm

