

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 = 98.99 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.8 V/m

Average value of Total=(110.8+93.54)/2=102.17 V/m

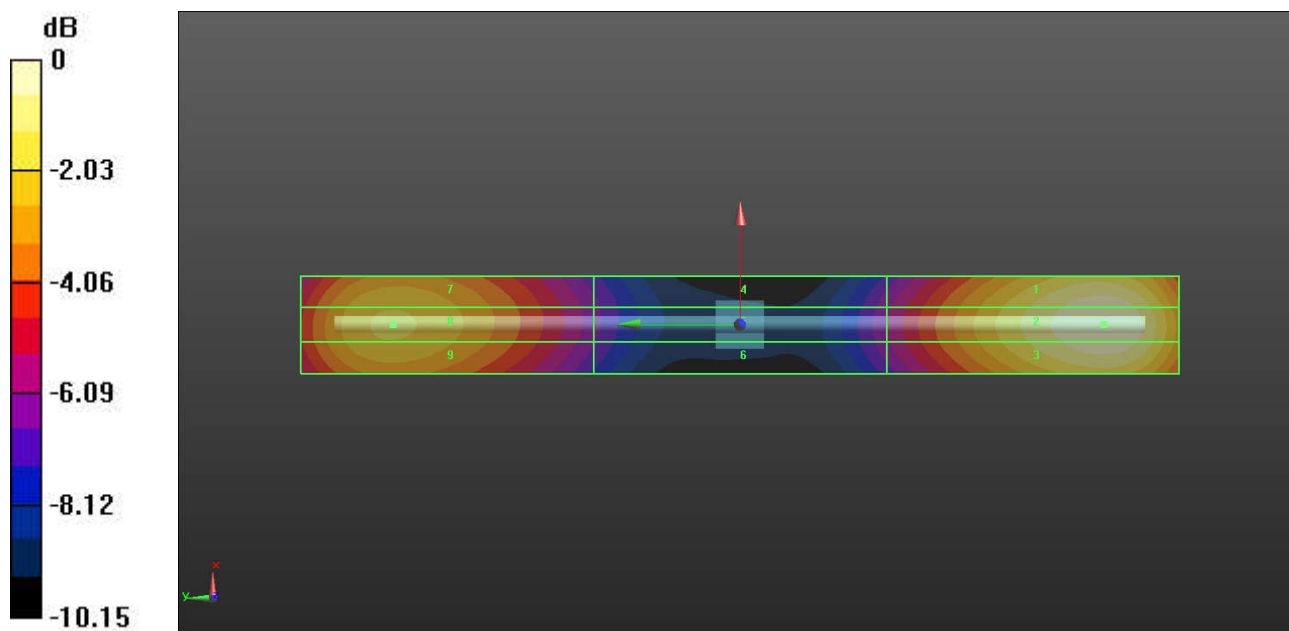
PMF scaled E-field

Grid 1 M4 108.2 V/m	Grid 2 M4 110.8 V/m	Grid 3 M4 107.9 V/m
Grid 4 M4 53.50 V/m	Grid 5 M4 54.58 V/m	Grid 6 M4 53.10 V/m
Grid 7 M4 91.77 V/m	Grid 8 M4 93.54 V/m	Grid 9 M4 92.23 V/m

Total = 110.8 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 110.8 V/m = 38.85 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 = 135.1 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.41 V/m

Average value of Total=(93.41+89.53)/2=91.47 V/m

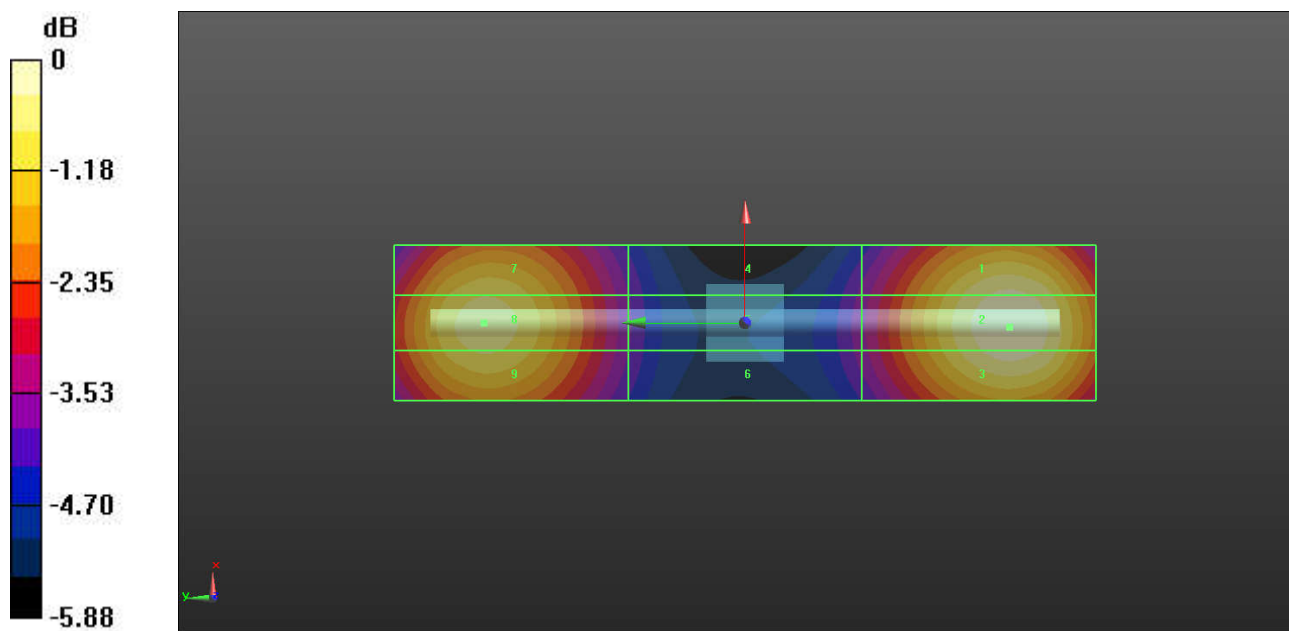
PMF scaled E-field

Grid 1 M3 91.53 V/m	Grid 2 M3 93.41 V/m	Grid 3 M3 91.71 V/m
Grid 4 M3 60.52 V/m	Grid 5 M3 62.18 V/m	Grid 6 M3 60.66 V/m
Grid 7 M3 85.57 V/m	Grid 8 M3 89.53 V/m	Grid 9 M3 86.52 V/m

Total = 93.41 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 : 23.5 °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 = 67.35 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 84.70 V/m

Average value of Total=(84.70+83.56)/2=84.13 V/m

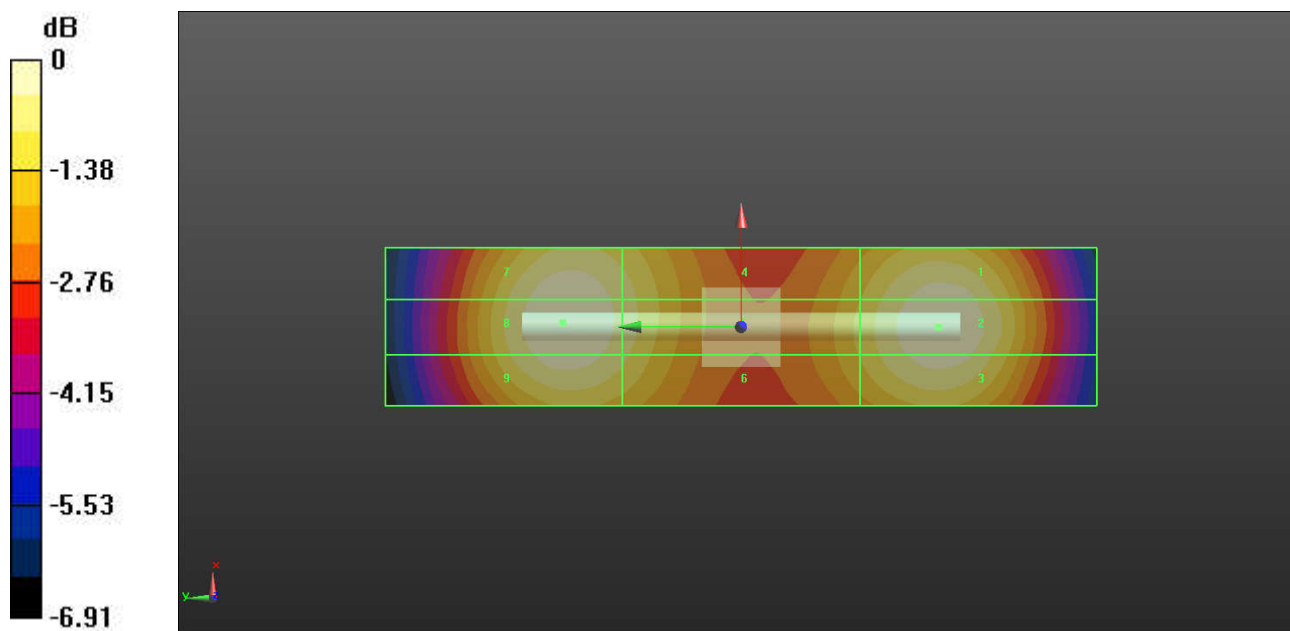
PMF scaled E-field

Grid 1 M3 82.32 V/m	Grid 2 M3 84.70 V/m	Grid 3 M3 83.22 V/m
Grid 4 M3 76.66 V/m	Grid 5 M3 77.91 V/m	Grid 6 M3 76.39 V/m
Grid 7 M3 82.57 V/m	Grid 8 M3 83.56 V/m	Grid 9 M3 83.24 V/m

Total = 84.70 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 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: 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 = 72.36 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.39 V/m

Average value of Total=(87.39+86.19)/2=86.79 V/m

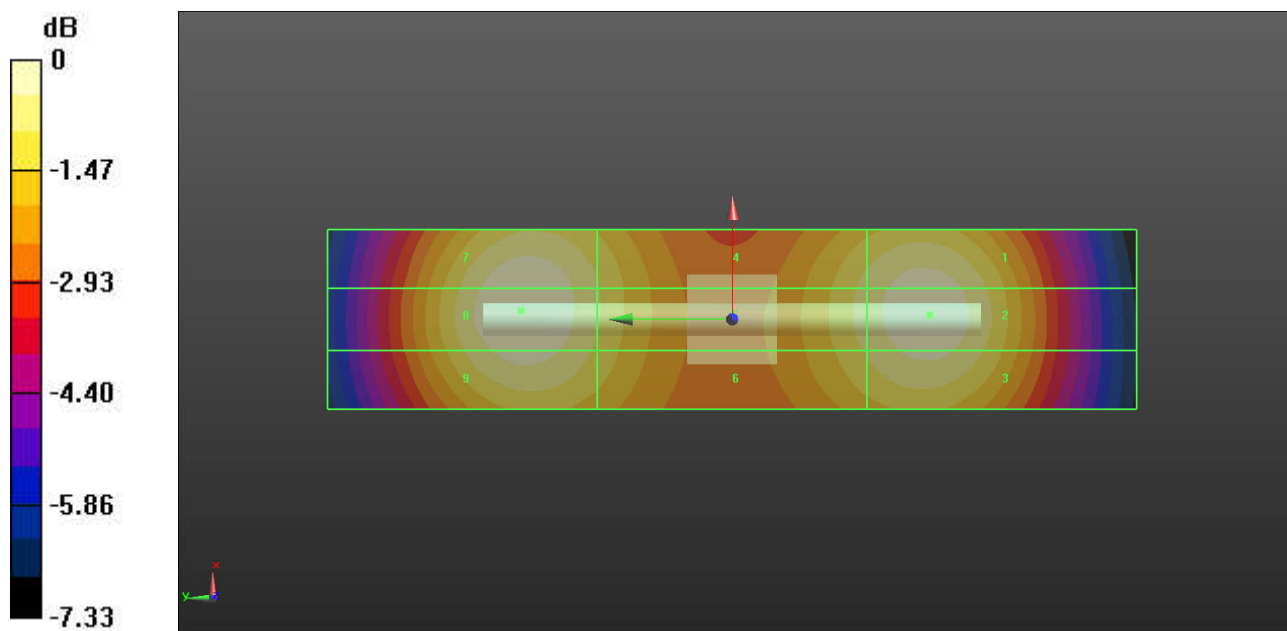
PMF scaled E-field

Grid 1 M3 86.11 V/m	Grid 2 M3 86.19 V/m	Grid 3 M3 86.03 V/m
Grid 4 M3 79.97 V/m	Grid 5 M3 81.30 V/m	Grid 6 M3 79.50 V/m
Grid 7 M3 86.63 V/m	Grid 8 M3 87.39 V/m	Grid 9 M3 86.20 V/m

Total = 87.39 V/m

E Category: M3

Location: 1, 23.5, 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: 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 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 = 38.56 V/m; Power Drift = -0.13 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.69 V/m

Average value of Total=(90.69+88.21)/2=89.45 V/m

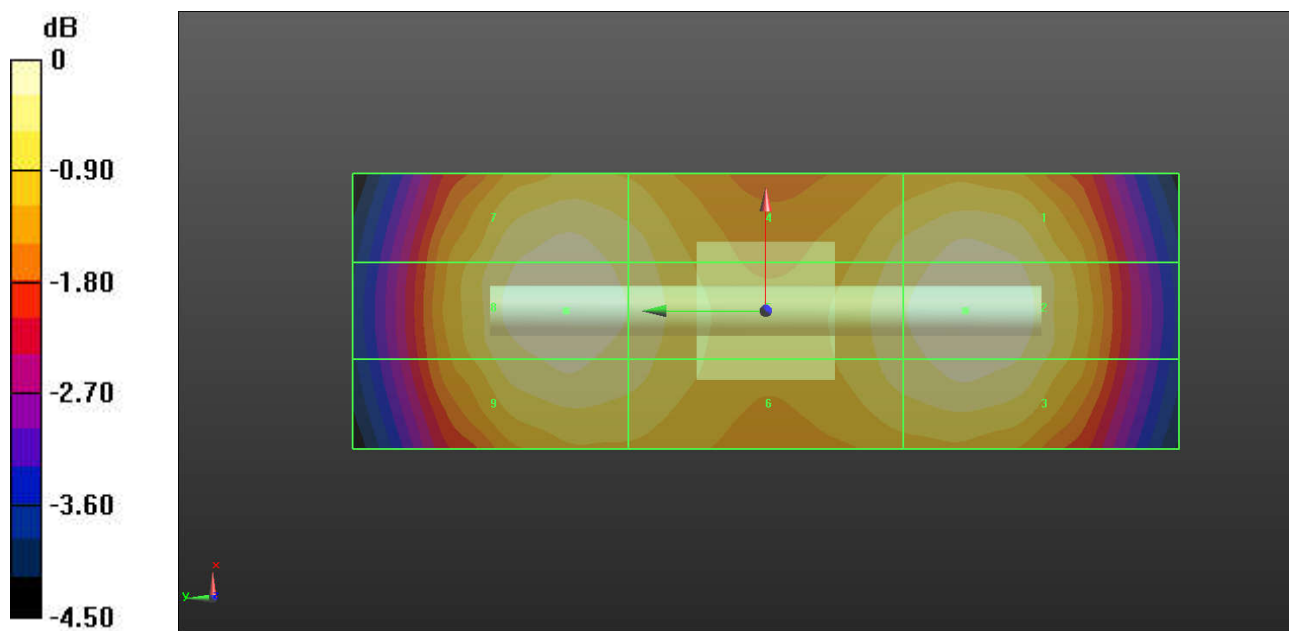
PMF scaled E-field

Grid 1 M3 87.43 V/m	Grid 2 M3 90.69 V/m	Grid 3 M3 89.47 V/m
Grid 4 M3 84.78 V/m	Grid 5 M3 86.72 V/m	Grid 6 M3 85.76 V/m
Grid 7 M3 85.64 V/m	Grid 8 M3 88.21 V/m	Grid 9 M3 87.76 V/m

Total = 90.69 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 90.69 V/m = 38.83 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: 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 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 = 31.56 V/m; Power Drift = 0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 107.1 V/m

Average value of Total=(107.1+104.7)/2=105.9 V/m

PMF scaled E-field

Grid 1 M3 91.22 V/m	Grid 2 M3 94.28 V/m	Grid 3 M3 92.21 V/m
Grid 4 M3 104.7 V/m	Grid 5 M3 105.2 V/m	Grid 6 M3 107.1 V/m
Grid 7 M3 86.46 V/m	Grid 8 M3 89.65 V/m	Grid 9 M3 84.74 V/m

Total = 107.1 V/m

E Category: M3

Location: -0.5, -3.5, 8.7 mm

