

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 = 87.81 V/m; Power Drift = 0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 100.4 V/m

Average value of Total=(100.4+91.64)/2=96.02 V/m

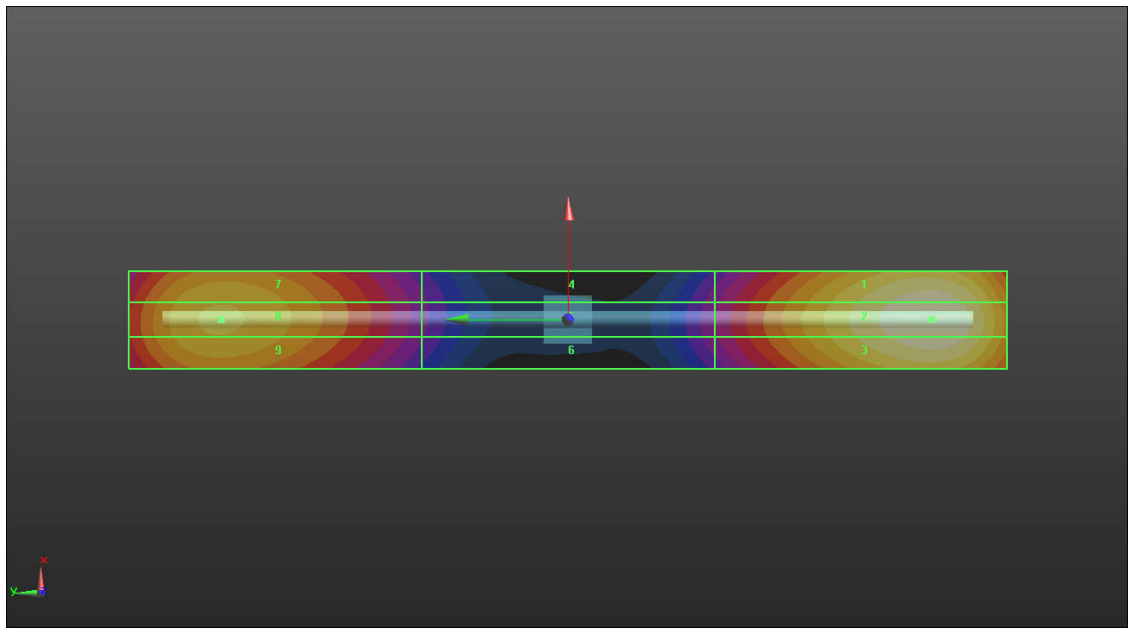
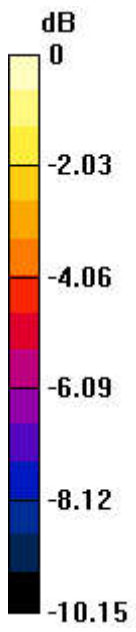
PMF scaled E-field

Grid 1 M4 96.11 V/m	Grid 2 M4 100.4 V/m	Grid 3 M4 94.95 V/m
Grid 4 M4 47.46 V/m	Grid 5 M4 48.42 V/m	Grid 6 M4 47.13 V/m
Grid 7 M4 86.21 V/m	Grid 8 M4 91.64 V/m	Grid 9 M4 85.66 V/m

Total = 100.4 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 100.4 V/m = 34.47 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 = 127.4 V/m; Power Drift = 0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.35 V/m

Average value of Total=(93.35+87.43)/2=90.39 V/m

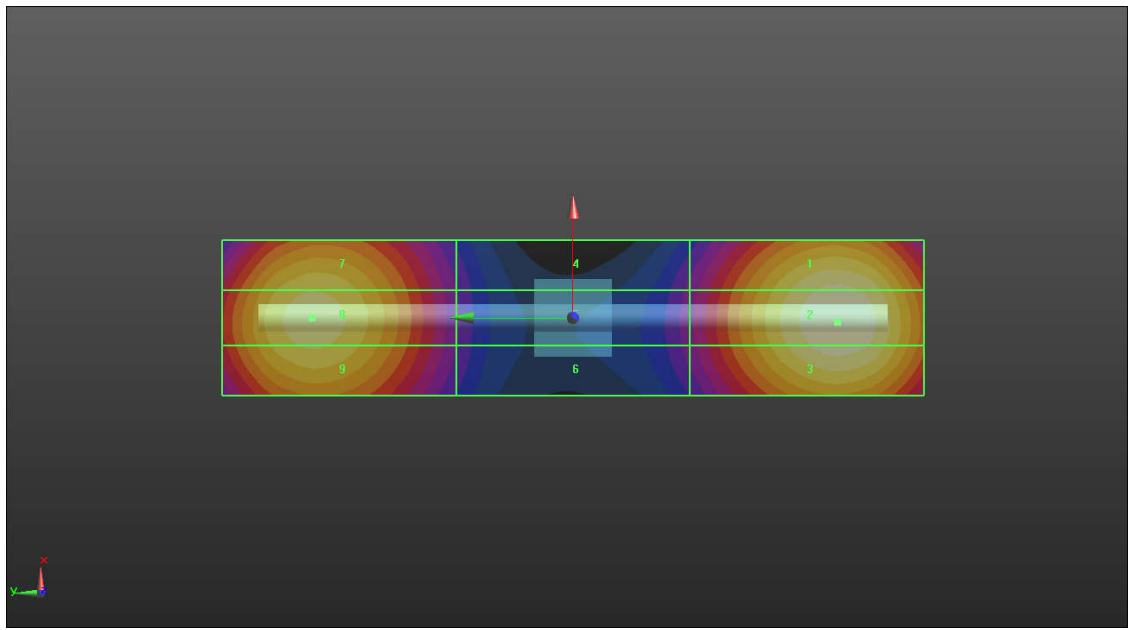
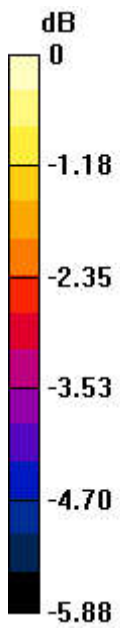
PMF scaled E-field

Grid 1 M3 91.48 V/m	Grid 2 M3 93.35 V/m	Grid 3 M3 91.65 V/m
Grid 4 M3 60.52 V/m	Grid 5 M3 61.11 V/m	Grid 6 M3 60.63 V/m
Grid 7 M3 85.52 V/m	Grid 8 M3 87.43 V/m	Grid 9 M3 86.48 V/m

Total = 93.35 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



0 dB = 93.35 V/m = 38.94 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: 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 = 70.92 V/m; Power Drift = 0.15 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.06 V/m

Average value of Total=(89.06+87.52)/2=88.29 V/m

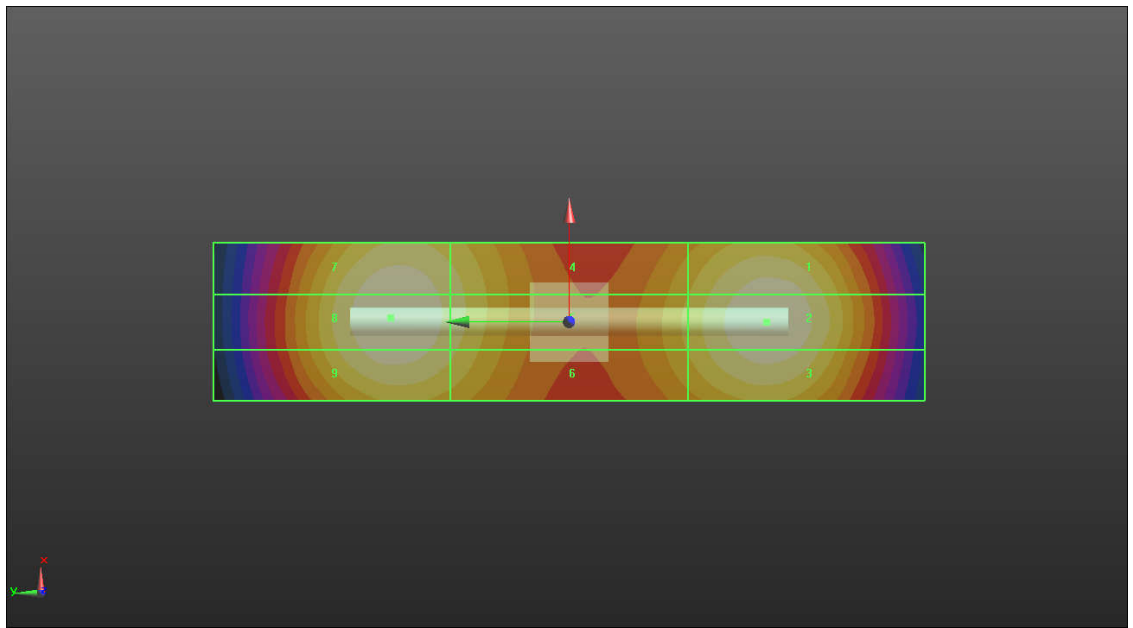
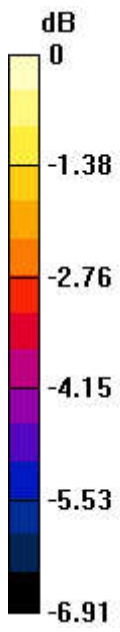
PMF scaled E-field

Grid 1 M3 86.53 V/m	Grid 2 M3 89.06 V/m	Grid 3 M3 87.49 V/m
Grid 4 M3 80.61 V/m	Grid 5 M3 81.92 V/m	Grid 6 M3 80.31 V/m
Grid 7 M3 86.82 V/m	Grid 8 M3 87.52 V/m	Grid 9 M3 87.51 V/m

Total = 89.06 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 89.06 V/m = 42.32 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 = 76.97 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.66 V/m

Average value of Total=(92.66+89.58)/2=91.12 V/m

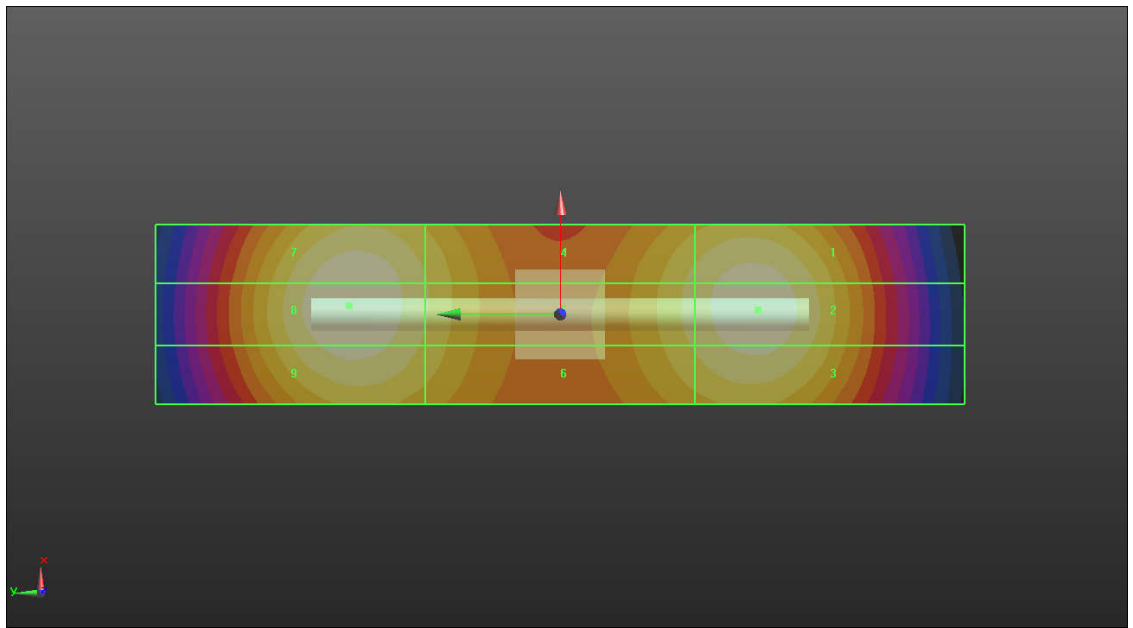
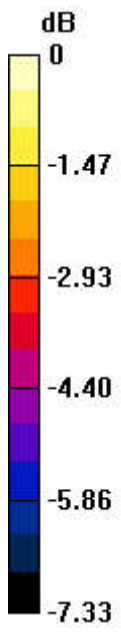
PMF scaled E-field

Grid 1 M3 91.58 V/m	Grid 2 M3 92.66 V/m	Grid 3 M3 91.48 V/m
Grid 4 M3 85.04 V/m	Grid 5 M3 84.49 V/m	Grid 6 M3 84.54 V/m
Grid 7 M3 88.46 V/m	Grid 8 M3 89.58 V/m	Grid 9 M3 87.89 V/m

Total = 92.66 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 92.66 V/m = 39.83 dBV/m