

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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

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 (7483)

E Scan - measurement distance from the probe sensor center to CD835 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid:

$dx=0.5000 \text{ mm}$, $dy=0.5000 \text{ mm}$

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 100.1 V/m; Power Drift = -0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.4 V/m

Average value of Total=(110.4+91.18)/2=100.79 V/m

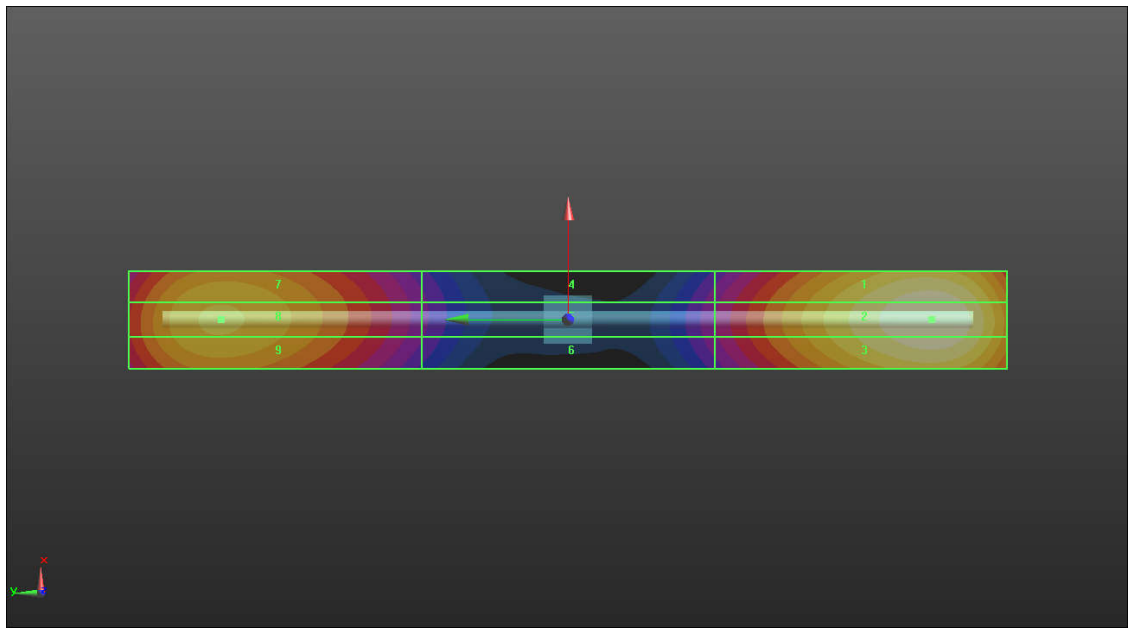
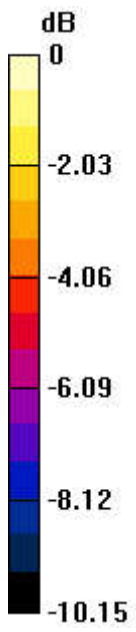
PMF scaled E-field

Grid 1 M4 108.3 V/m	Grid 2 M4 110.4 V/m	Grid 3 M4 108.6 V/m
Grid 4 M4 53.70 V/m	Grid 5 M4 54.62 V/m	Grid 6 M4 53.31 V/m
Grid 7 M4 88.67 V/m	Grid 8 M4 91.18 V/m	Grid 9 M4 90.13 V/m

Total = 110.4 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 110.4 V/m = 38.22 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 (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 = 129.3 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.16 V/m

Average value of Total=(90.16+87.48)/2=88.82 V/m

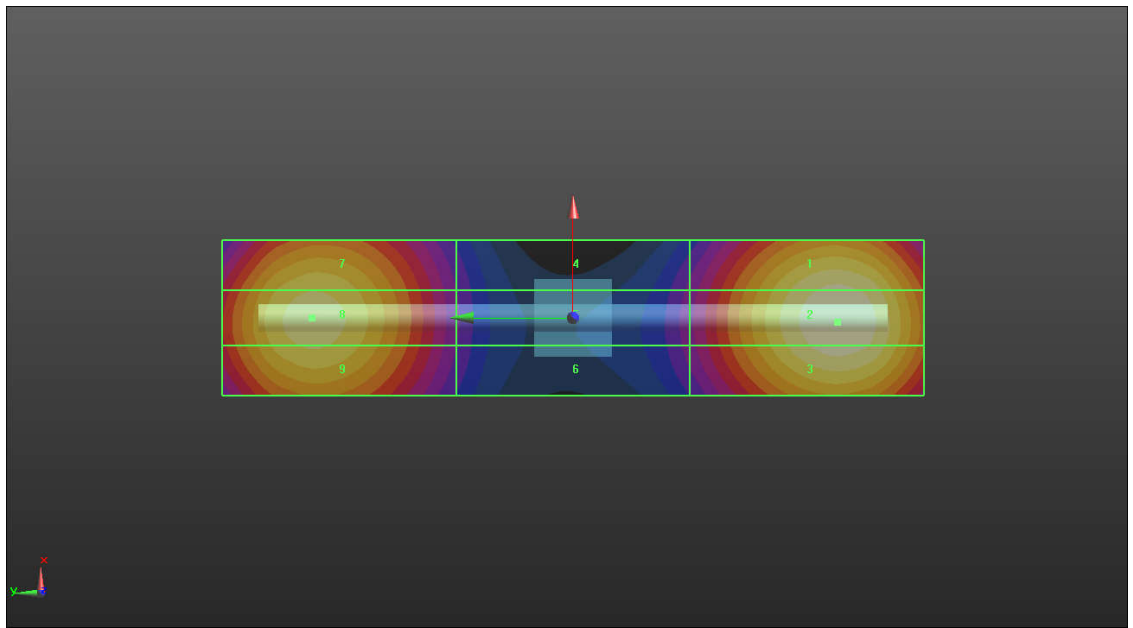
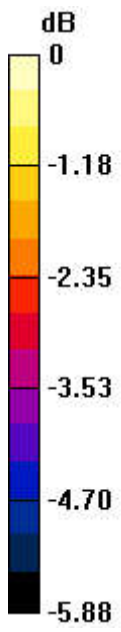
PMF scaled E-field

Grid 1 M3 88.23 V/m	Grid 2 M3 90.16 V/m	Grid 3 M3 87.99 V/m
Grid 4 M3 54.04 V/m	Grid 5 M3 57.13 V/m	Grid 6 M3 55.37 V/m
Grid 7 M3 82.15 V/m	Grid 8 M3 87.48 V/m	Grid 9 M3 83.32 V/m

Total = 90.16 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



0 dB = 90.16 V/m = 37.46 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 (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 = 69.33 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.31 V/m

Average value of Total=(87.31+85.55)/2=86.43 V/m

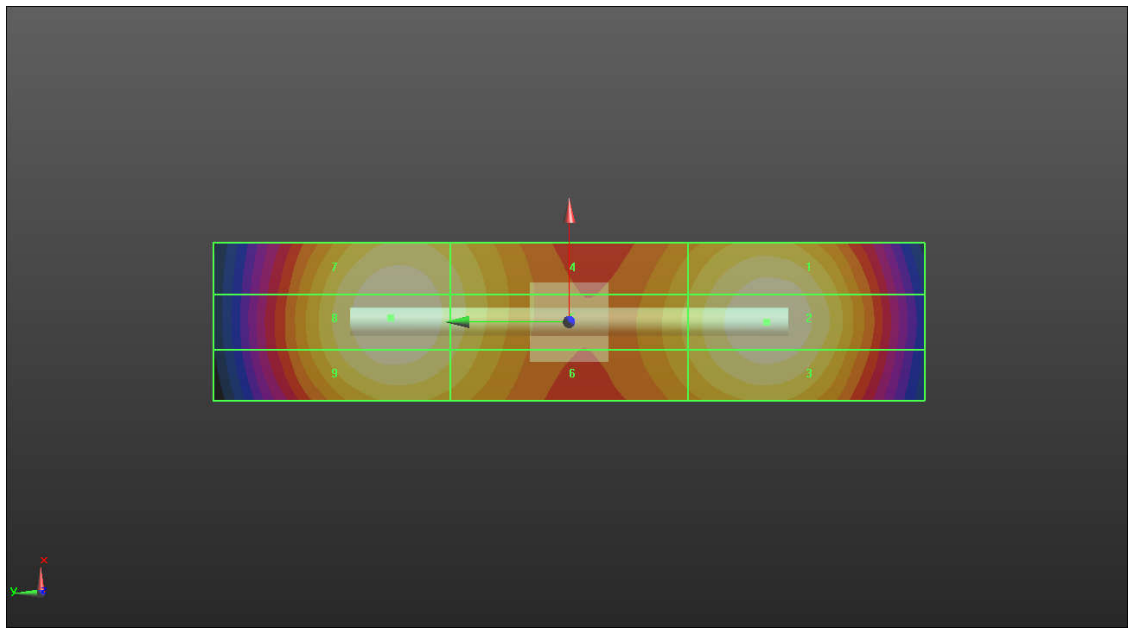
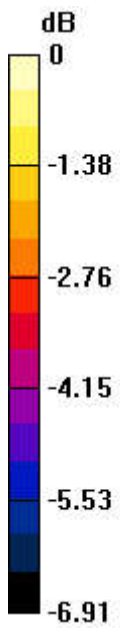
PMF scaled E-field

Grid 1 M3 85.44 V/m	Grid 2 M3 87.31 V/m	Grid 3 M3 86.19 V/m
Grid 4 M3 77.52 V/m	Grid 5 M3 78.04 V/m	Grid 6 M3 77.56 V/m
Grid 7 M3 82.93 V/m	Grid 8 M3 85.55 V/m	Grid 9 M3 84.24 V/m

Total = 87.31 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 87.31 V/m = 41.01 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 (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 = 72.46 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.37 V/m

Average value of Total=(86.47+88.37)/2=87.42 V/m

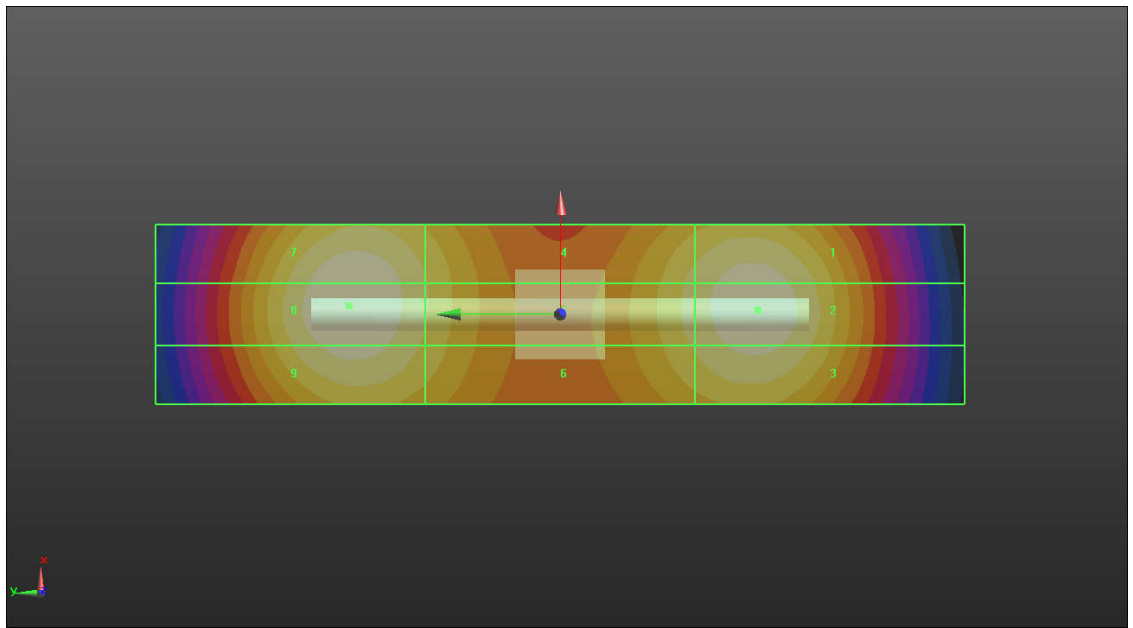
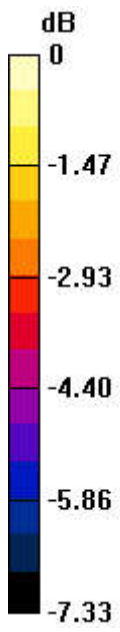
PMF scaled E-field

Grid 1 M3 85.11 V/m	Grid 2 M3 86.47 V/m	Grid 3 M3 85.87 V/m
Grid 4 M3 79.16 V/m	Grid 5 M3 79.96 V/m	Grid 6 M3 78.34 V/m
Grid 7 M3 85.01 V/m	Grid 8 M3 88.37 V/m	Grid 9 M3 86.08 V/m

Total = 88.37 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 88.37 V/m = 37.92 dBV/m

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 (7483)

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 = 36.37 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.34 V/m

Average value of Total=(86.34+85.94)/2=86.14 V/m

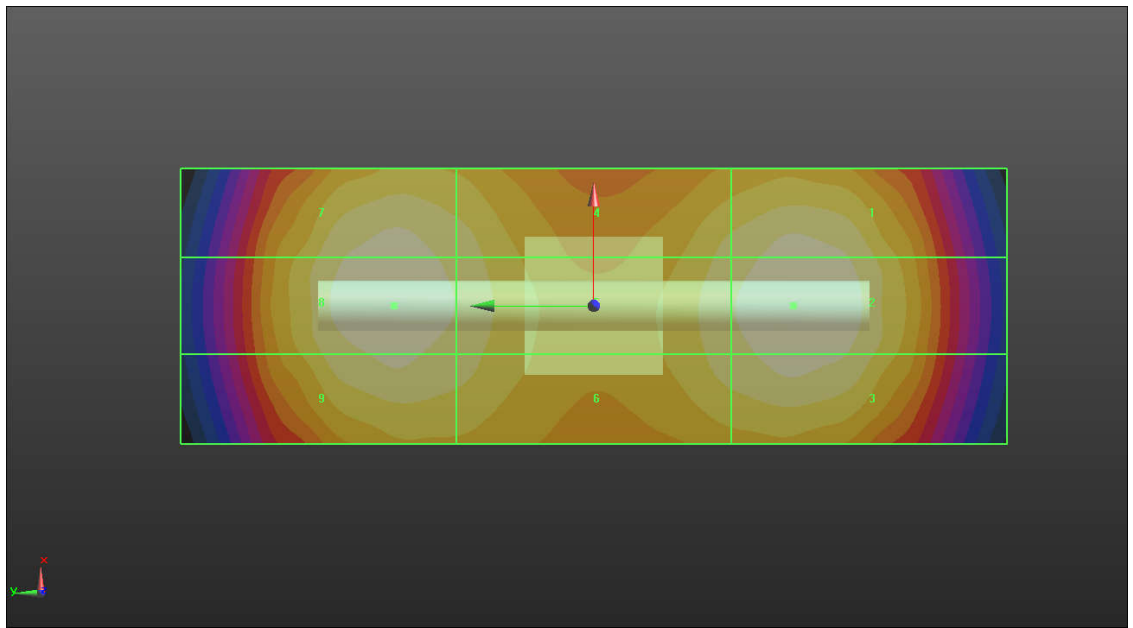
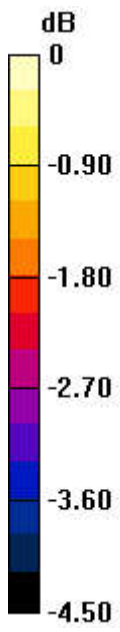
PMF scaled E-field

Grid 1 M3 84.48 V/m	Grid 2 M3 86.34 V/m	Grid 3 M3 85.29 V/m
Grid 4 M3 80.74 V/m	Grid 5 M3 81.32 V/m	Grid 6 M3 80.18 V/m
Grid 7 M3 81.99 V/m	Grid 8 M3 85.94 V/m	Grid 9 M3 83.25 V/m

Total = 86.34 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 86.34 V/m = 36.78 dBV/m