

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
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 96.88 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 104.4 V/m

Average value of Total=(104.4+96.16)/2=100.28 V/m

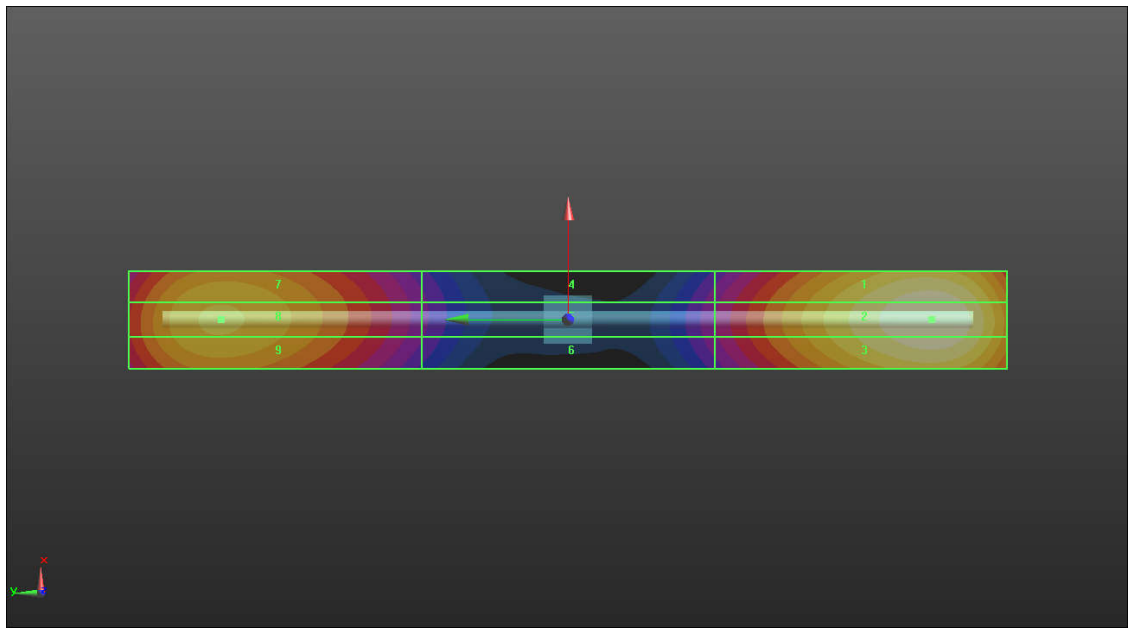
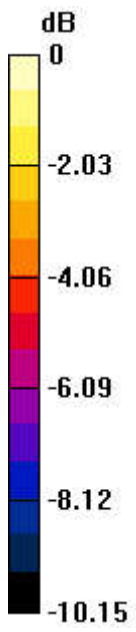
PMF scaled E-field

Grid 1 M4 101.2 V/m	Grid 2 M4 104.4 V/m	Grid 3 M4 100.7 V/m
Grid 4 M4 56.12 V/m	Grid 5 M4 57.75 V/m	Grid 6 M4 54.46 V/m
Grid 7 M4 92.18 V/m	Grid 8 M4 96.16 V/m	Grid 9 M4 91.63 V/m

Total = 104.4 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 104.4 V/m = 36.22 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: 2023/1/24
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 126.4 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 95.14 V/m

Average value of Total=(95.14+91.24)/2=93.19 V/m

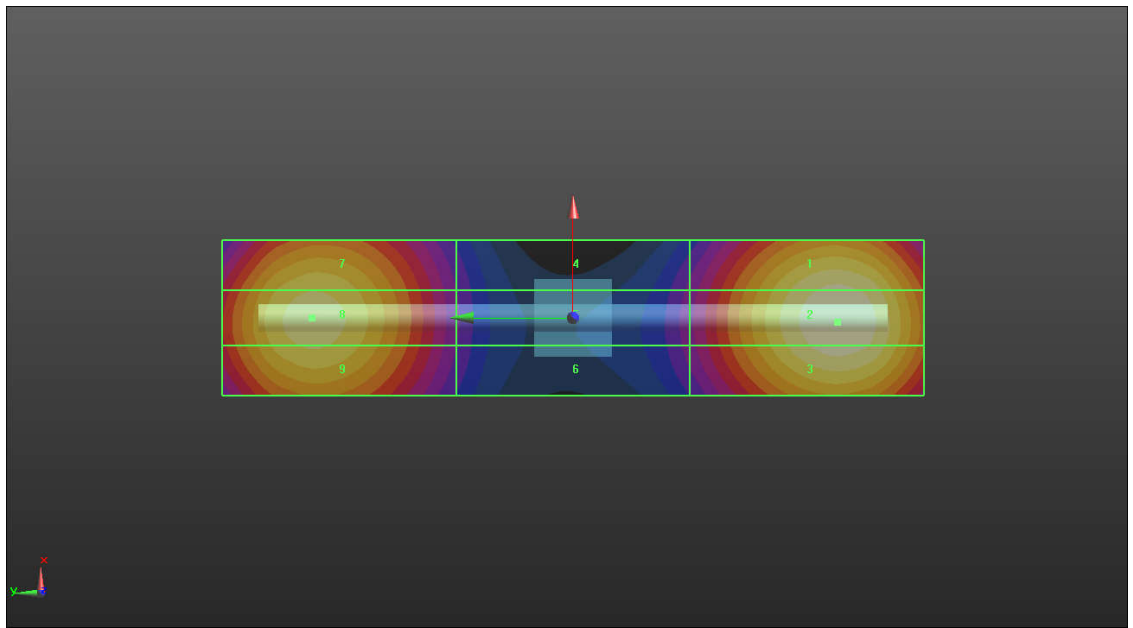
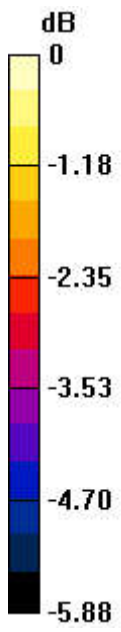
PMF scaled E-field

Grid 1 M3 92.21 V/m	Grid 2 M3 95.14 V/m	Grid 3 M3 93.12 V/m
Grid 4 M3 64.14 V/m	Grid 5 M3 65.12 V/m	Grid 6 M3 63.06 V/m
Grid 7 M3 90.12 V/m	Grid 8 M3 91.24 V/m	Grid 9 M3 88.76 V/m

Total = 95.14 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



0 dB = 95.14 V/m = 38.05 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
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 78.24 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.21 V/m

Average value of Total=(93.21+90.31)/2=91.76 V/m

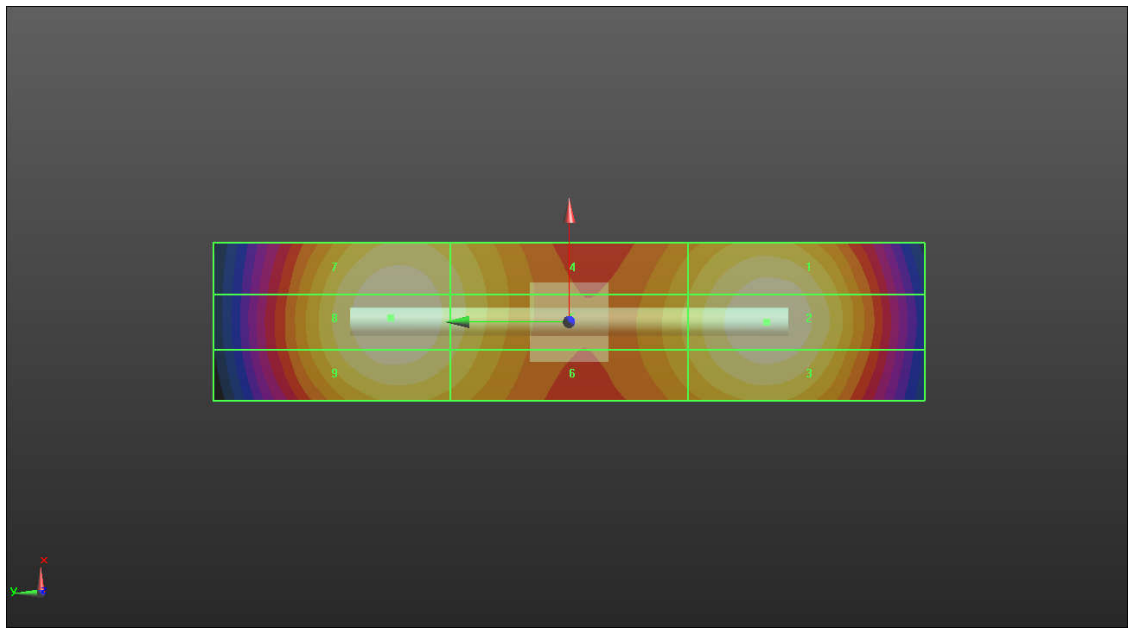
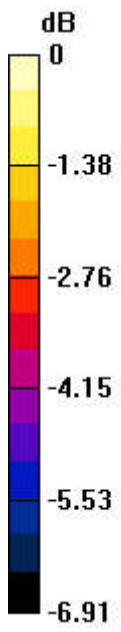
PMF scaled E-field

Grid 1 M3 90.38 V/m	Grid 2 M3 93.21 V/m	Grid 3 M3 90.32 V/m
Grid 4 M3 85.56 V/m	Grid 5 M3 88.29 V/m	Grid 6 M3 84.18 V/m
Grid 7 M3 88.16 V/m	Grid 8 M3 90.31 V/m	Grid 9 M3 88.12 V/m

Total = 93.21 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 93.21 V/m = 43.15 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: 2023/1/24
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 78.41 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.84 V/m

Average value of Total=(94.84+94.32)/2=94.58 V/m

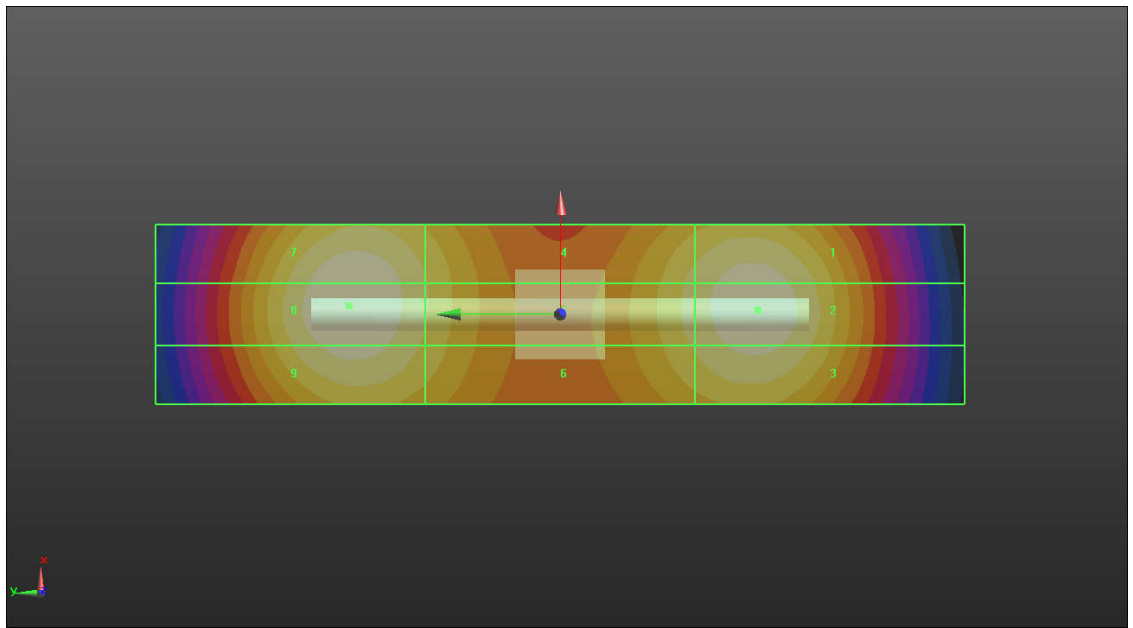
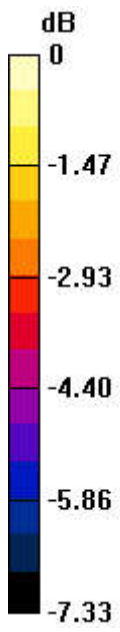
PMF scaled E-field

Grid 1 M3 92.31 V/m	Grid 2 M3 94.84 V/m	Grid 3 M3 92.31 V/m
Grid 4 M3 85.57 V/m	Grid 5 M3 85.61 V/m	Grid 6 M3 85.37 V/m
Grid 7 M3 92.82 V/m	Grid 8 M3 94.32 V/m	Grid 9 M3 92.48 V/m

Total = 94.84 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 94.84 V/m = 40.15 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

- Electronics: DAE4 Sn690; Calibrated: 2023/6/20

- 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 = 31.01 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 107.2 V/m

Average value of Total=(105.4+103.8)/2=104.6 V/m

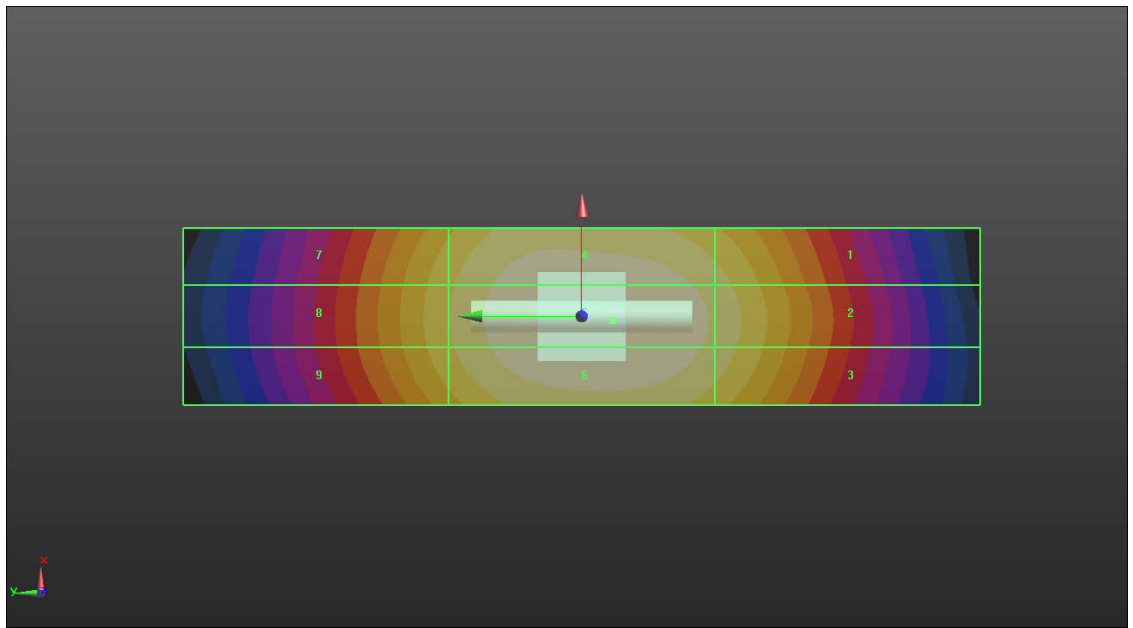
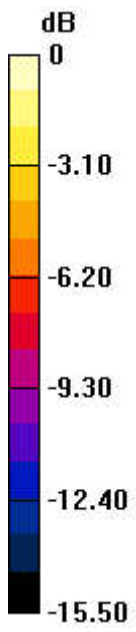
PMF scaled E-field

Grid 1 M3 92.61 V/m	Grid 2 M3 94.29 V/m	Grid 3 M3 93.91 V/m
Grid 4 M3 105.4 V/m	Grid 5 M3 107.2 V/m	Grid 6 M3 103.8 V/m
Grid 7 M3 86.18 V/m	Grid 8 M3 93.97 V/m	Grid 9 M3 86.78 V/m

Total = 107.2 V/m

E Category: M3

Location: -0.5, -3.5, 8.7 mm



0 dB = 107.2 V/m = 42.97 dBV/m