

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 121.7 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 114.8 V/m

Average value of Total=(105.3+114.8)/2=110.05 V/m

PMF scaled E-field

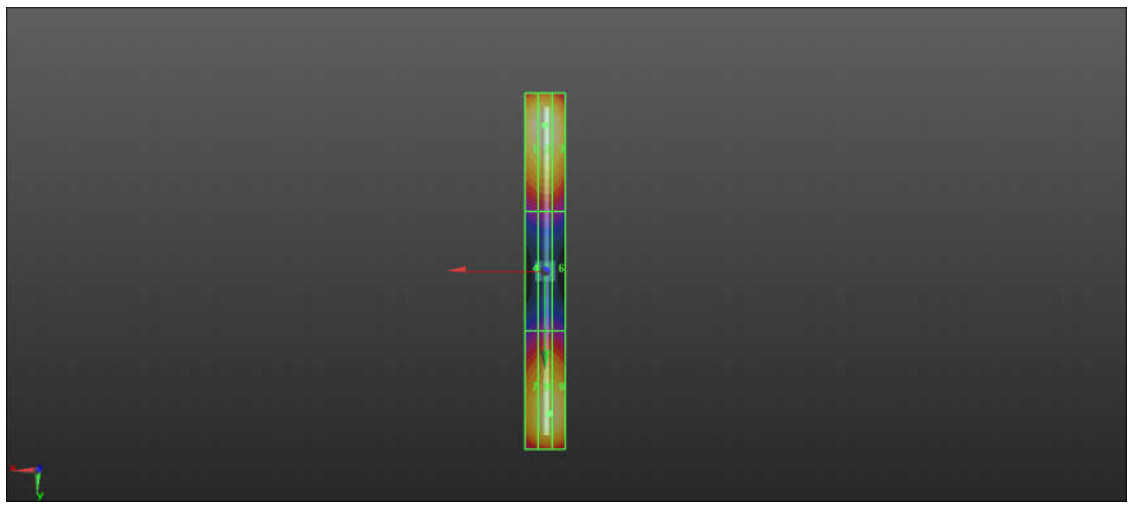
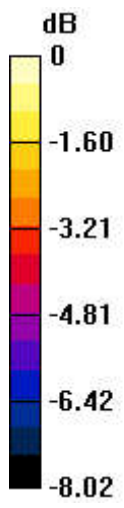
Grid 1 M4 101.6 V/m	Grid 2 M4 105.3 V/m	Grid 3 M4 103.8 V/m
Grid 4 M4 65.20 V/m	Grid 5 M4 65.76 V/m	Grid 6 M4 65.15 V/m
Grid 7 M4 112.6 V/m	Grid 8 M4 114.8 V/m	Grid 9 M4 111.0 V/m

Cursor:

Total = 114.8 V/m

E Category: M4

Location: 0.5, 74, 8.7 mm



0 dB = 114.8 V/m = 41.20 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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 144.6 V/m; Power Drift = -0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.79 V/m

Average value of Total=(89.79+89.59)/2=89.685 V/m

PMF scaled E-field

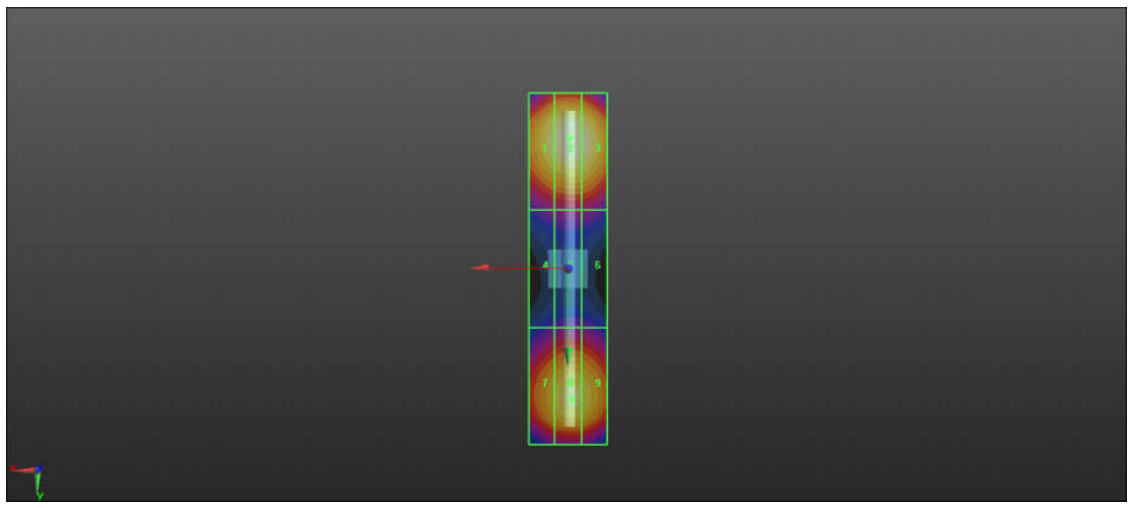
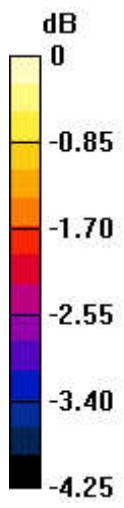
Grid 1 M3 87.91 V/m	Grid 2 M3 89.79 V/m	Grid 3 M3 88.07 V/m
Grid 4 M3 69.97 V/m	Grid 5 M3 71.07 V/m	Grid 6 M3 70.67 V/m
Grid 7 M3 87.75 V/m	Grid 8 M3 89.58 V/m	Grid 9 M3 88.04 V/m

Cursor:

Total = 89.79 V/m

E Category: M3

Location: 0, -33.5, 8.7 mm



0 dB = 89.79 V/m = 39.06 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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 82.24 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.46 V/m

Average value of Total=(91.46+90.9)/2=91.18 V/m

PMF scaled E-field

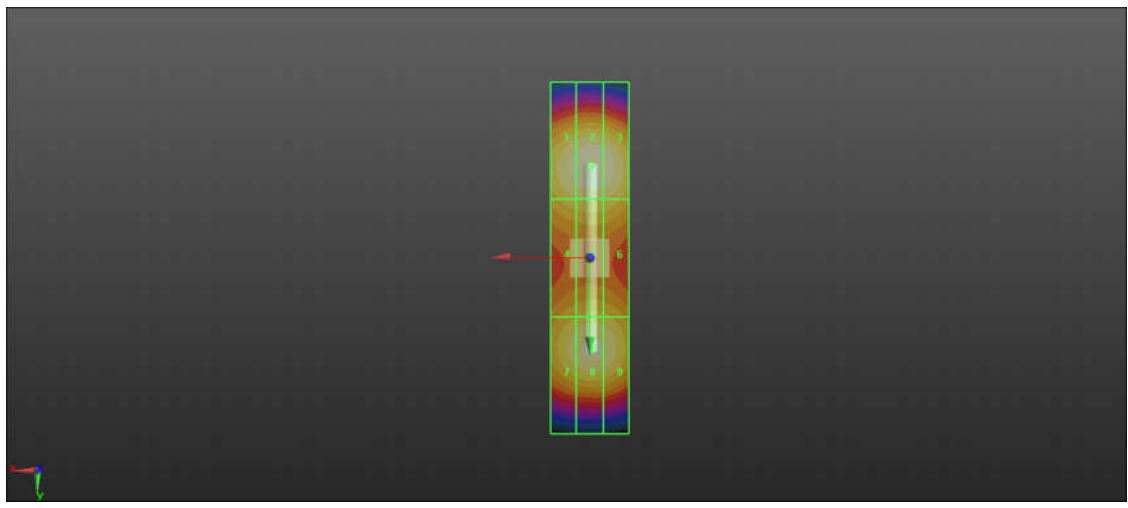
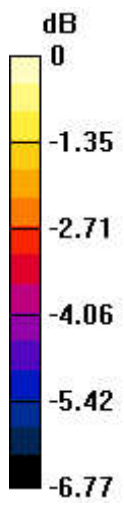
Grid 1 M3 89.56 V/m	Grid 2 M3 91.46 V/m	Grid 3 M3 89.13 V/m
Grid 4 M3 82.62 V/m	Grid 5 M3 83.91 V/m	Grid 6 M3 82.58 V/m
Grid 7 M3 89.24 V/m	Grid 8 M3 90.90 V/m	Grid 9 M3 88.51 V/m

Cursor:

Total = 91.46 V/m

E Category: M3

Location: 0, -24, 8.7 mm



0 dB = 91.46 V/m = 39.22 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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 71.84 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.65 V/m

Average value of Total=(93.65+91.61)/2 = 92.63 V/m

PMF scaled E-field

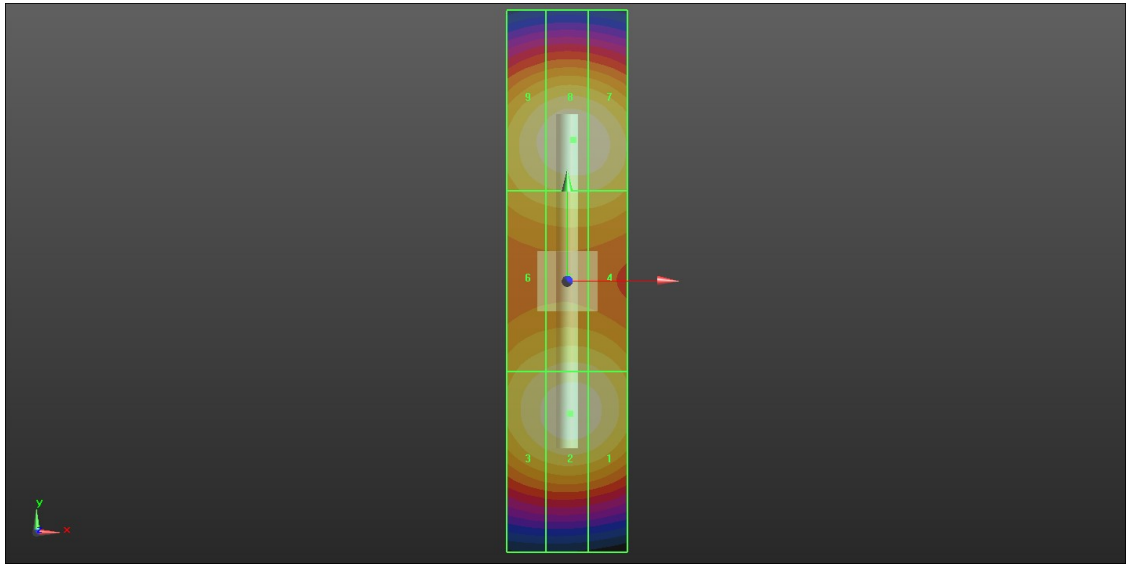
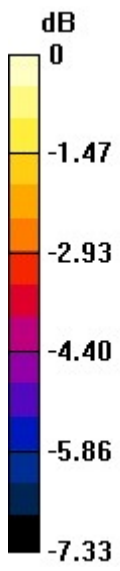
Grid 1 M3 91.50 V/m	Grid 2 M3 93.65 V/m	Grid 3 M3 93.33 V/m
Grid 4 M3 87.29 V/m	Grid 5 M3 89.84 V/m	Grid 6 M3 88.92 V/m
Grid 7 M3 90.47 V/m	Grid 8 M3 91.61 V/m	Grid 9 M3 90.63 V/m

Cursor:

Total = 93.65 V/m

E Category: M3

Location: -1, -21.5, 8.7 mm



0 dB = 93.65 V/m = 39.52 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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 43.13 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.18 V/m

Average value of Total=(87.18+83.52)/2 = 85.35 V/m

PMF scaled E-field

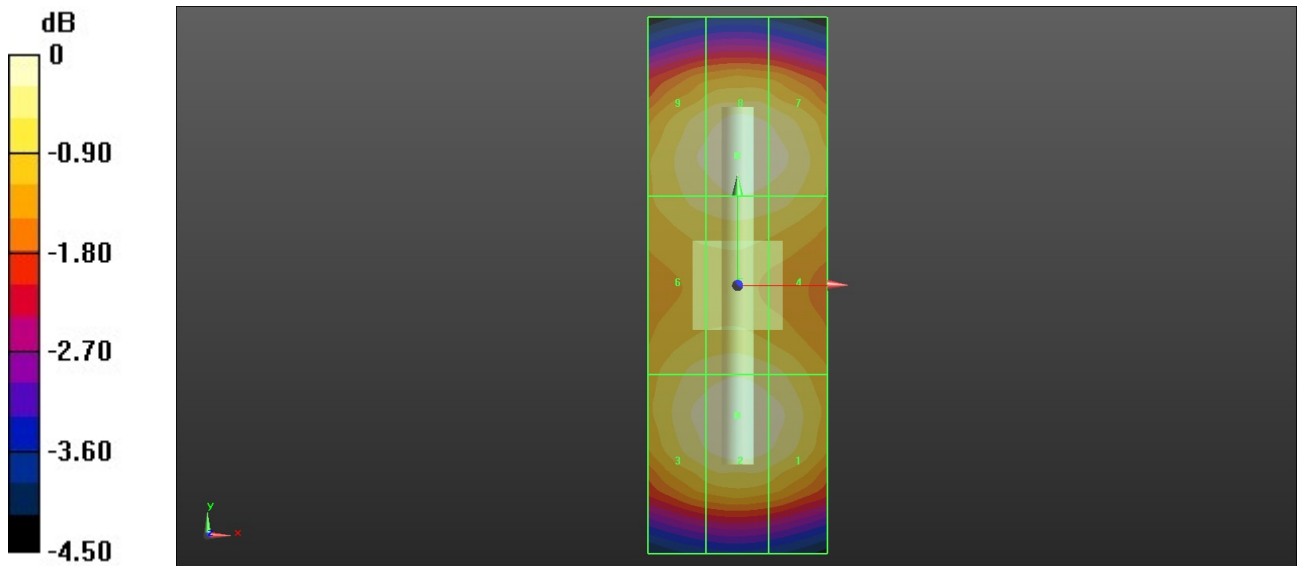
Grid 1 M3 85.01 V/m	Grid 2 M3 87.18 V/m	Grid 3 M3 86.37 V/m
Grid 4 M3 84.78 V/m	Grid 5 M3 86.74 V/m	Grid 6 M3 86.16 V/m
Grid 7 M3 82.02 V/m	Grid 8 M3 83.52 V/m	Grid 9 M3 82.56 V/m

Cursor:

Total = 87.18 V/m

E Category: M3

Location: -0.5, -13.5, 9.7 mm



0 dB = 87.18 V/m = 38.81 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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 33.72 V/m; Power Drift = 0.01 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 114.5 V/m
 Average value of Total=(110.0+111.0)/2=110.5 V/m

PMF scaled E-field

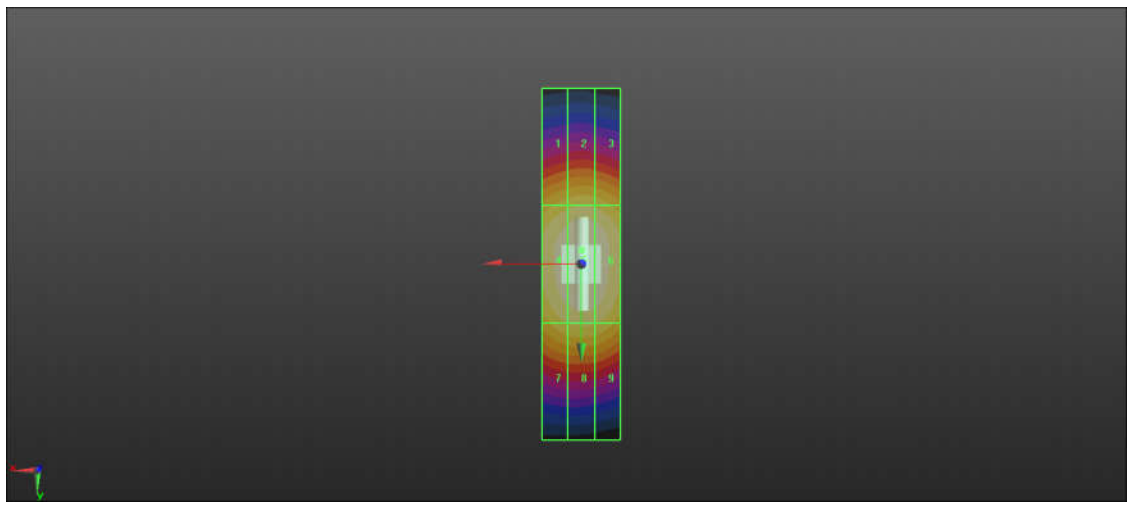
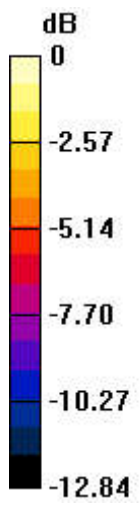
Grid 1 M3 93.26 V/m	Grid 2 M3 95.12 V/m	Grid 3 M3 91.89 V/m
Grid 4 M3 110.0 V/m	Grid 5 M2 114.5 V/m	Grid 6 M3 111.0 V/m
Grid 7 M3 91.99 V/m	Grid 8 M3 93.64 V/m	Grid 9 M3 91.06 V/m

Cursor:

Total = 114.5 V/m

E Category: M2

Location: 0.5, -3.5, 8.7 mm



0 dB = 114.5 V/m = 41.18 dBV/m