

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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- 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 = 124.9 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 116.8 V/m

Average value of Total=(116.8+111.4)/2=114.1 V/m

PMF scaled E-field

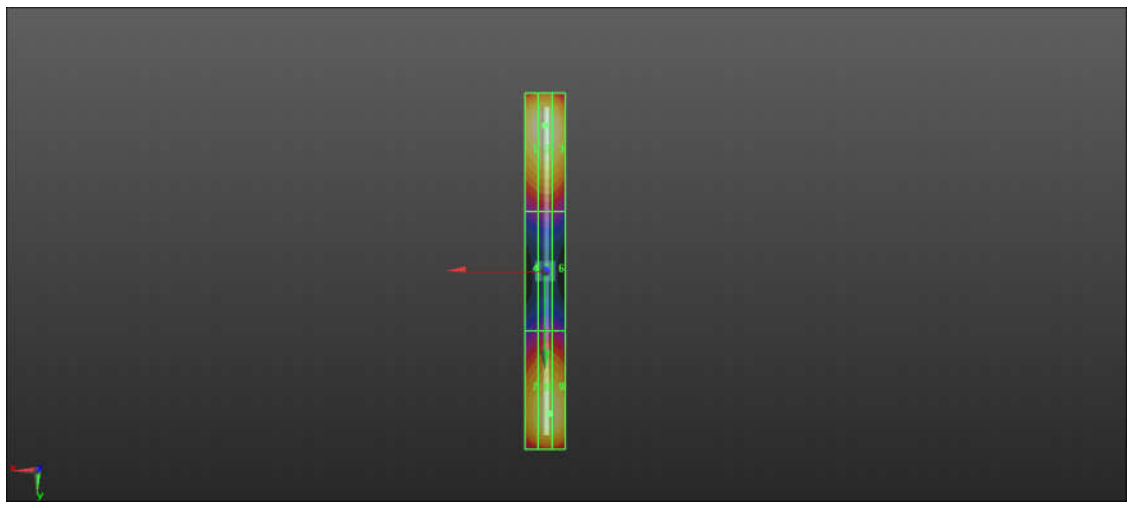
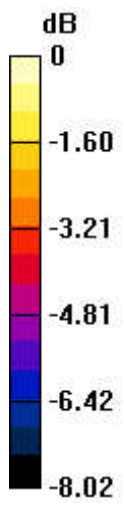
Grid 1 M4 115.9 V/m	Grid 2 M4 116.8 V/m	Grid 3 M4 115.5 V/m
Grid 4 M4 68.99 V/m	Grid 5 M4 70.11 V/m	Grid 6 M4 69.62 V/m
Grid 7 M4 105.8 V/m	Grid 8 M4 111.4 V/m	Grid 9 M4 110.4 V/m

Cursor:

Total = 116.8 V/m

E Category: M4

Location: 0, -73.5, 8.7 mm



0 dB = 116.8 V/m = 41.35 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2021/5/30
- 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 = 142.5 V/m; Power Drift = 0.08 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 96.83 V/m

Average value of Total=(96.83+91.25)/2=94.04 V/m

PMF scaled E-field

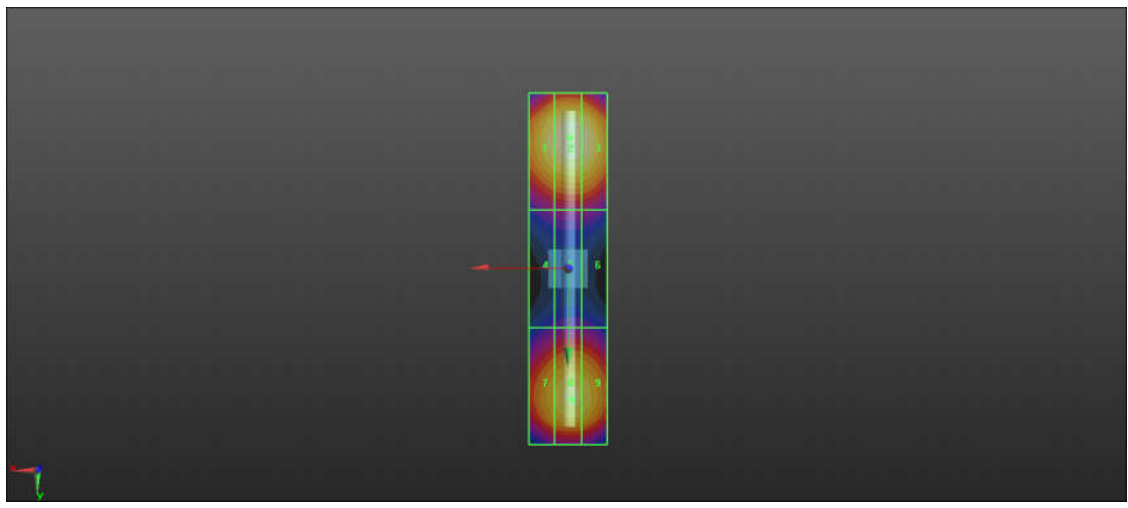
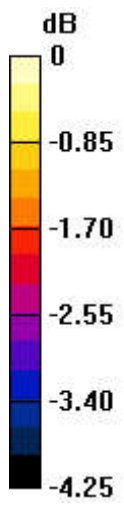
Grid 1 M3 93.96 V/m	Grid 2 M3 96.83 V/m	Grid 3 M3 95.55 V/m
Grid 4 M3 72.51 V/m	Grid 5 M3 73.96 V/m	Grid 6 M3 72.98 V/m
Grid 7 M3 88.87 V/m	Grid 8 M3 91.25 V/m	Grid 9 M3 90.87 V/m

Cursor:

Total = 96.83 V/m

E Category: M3

Location: -0.5, -33.5, 8.7 mm



0 dB = 96.83 V/m = 39.55 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2021/5/30
- 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 = 73.35 V/m; Power Drift = -0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.89 V/m

Average value of Total=(90.89+87.59)/2=89.24 V/m

PMF scaled E-field

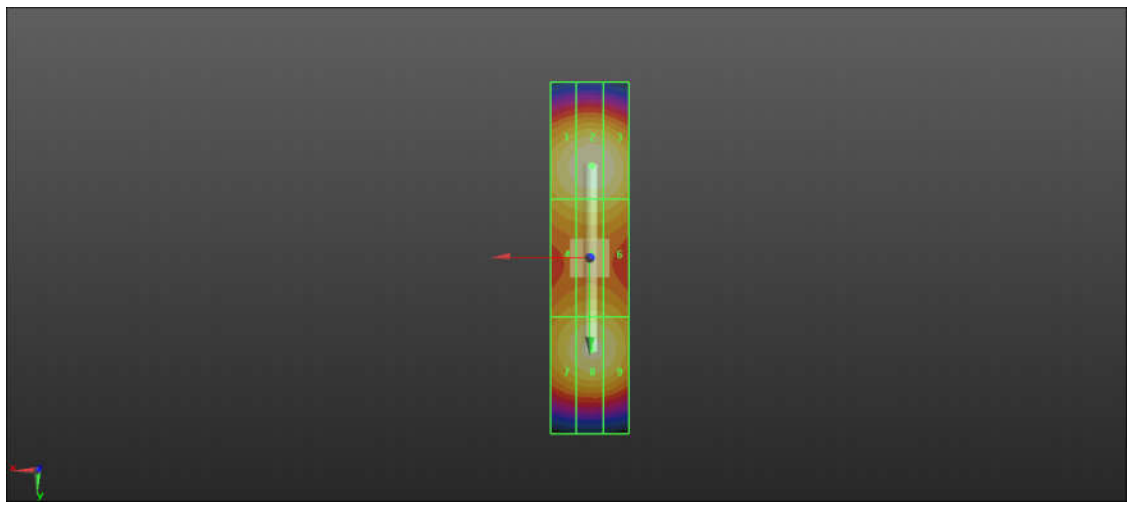
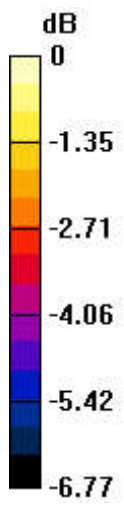
Grid 1 M3 88.95 V/m	Grid 2 M3 90.89 V/m	Grid 3 M3 90.55 V/m
Grid 4 M3 82.24 V/m	Grid 5 M3 83.67 V/m	Grid 6 M3 82.98 V/m
Grid 7 M3 85.59 V/m	Grid 8 M3 85.59 V/m	Grid 9 M3 86.75 V/m

Cursor:

Total = 90.89 V/m

E Category: M3

Location: -0.5, -23.5, 8.7 mm



0 dB = 90.89 V/m = 39.16 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2021/5/30
- 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:

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 73.58 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.47 V/m

Average value of Total=(87.13+88.47)/2 = 87.8 V/m

PMF scaled E-field

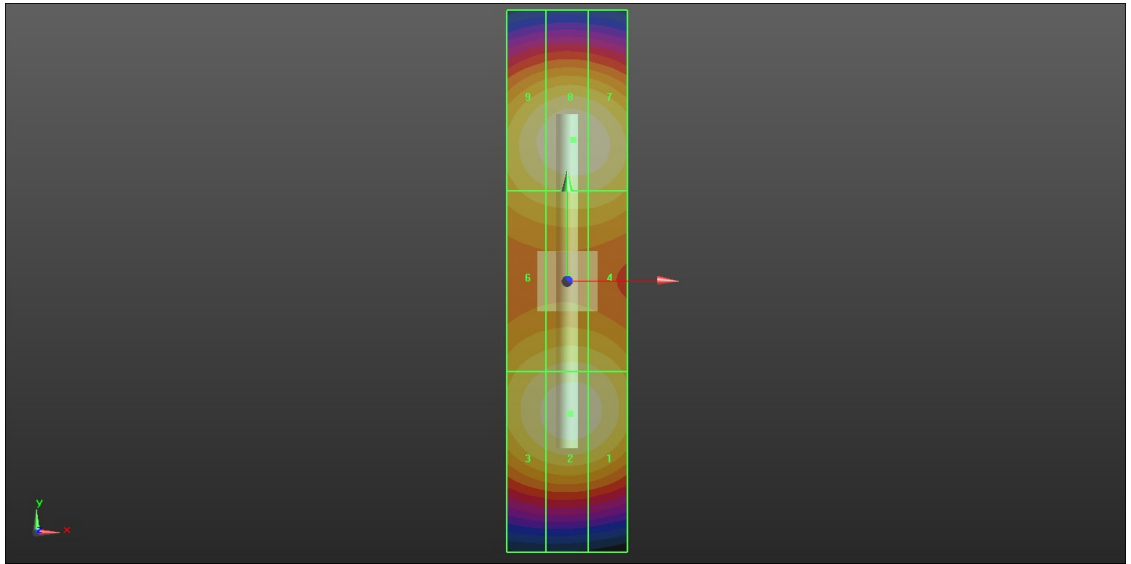
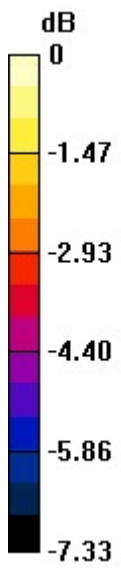
Grid 1 M3 85.96 V/m	Grid 2 M3 87.13 V/m	Grid 3 M3 84.54 V/m
Grid 4 M3 80.72 V/m	Grid 5 M3 81.32 V/m	Grid 6 M3 79.35 V/m
Grid 7 M3 87.42 V/m	Grid 8 M3 88.47 V/m	Grid 9 M3 85.71 V/m

Cursor:

Total = 88.47 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 88.47 V/m = 38.76 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- 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 = 38.48 V/m; Power Drift = 0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.02 V/m

Average value of Total=(88.02+87.58)/2 = 87.8 V/m

PMF scaled E-field

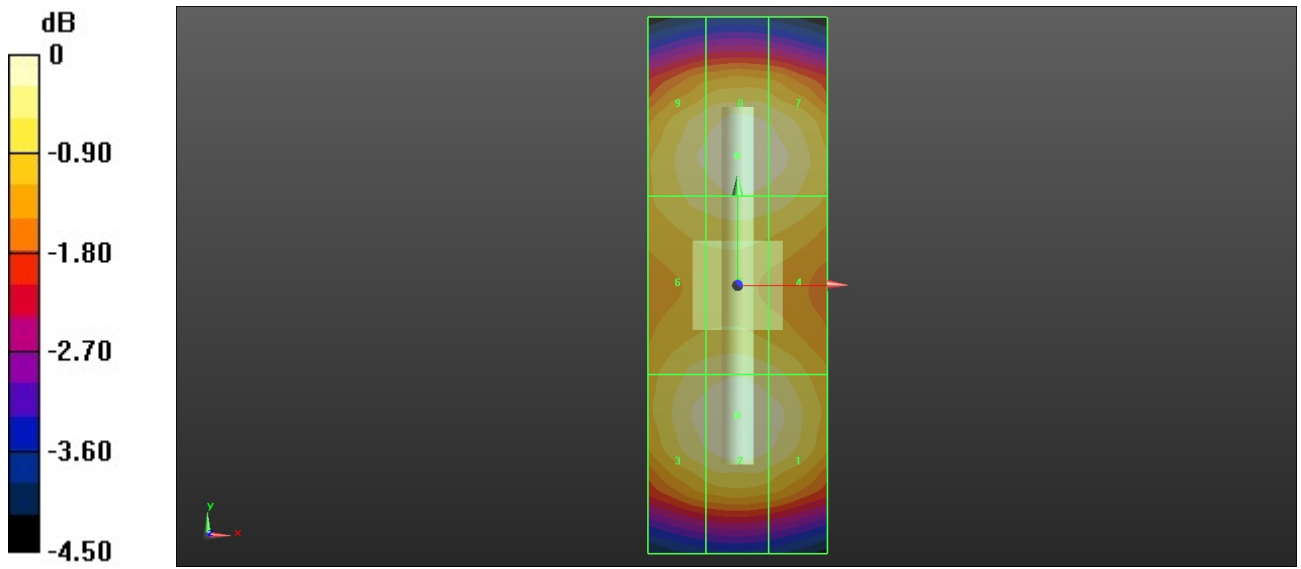
Grid 1 M3 87.12 V/m	Grid 2 M3 88.02 V/m	Grid 3 M3 86.95 V/m
Grid 4 M3 85.03 V/m	Grid 5 M3 85.86 V/m	Grid 6 M3 84.52 V/m
Grid 7 M3 87.34 V/m	Grid 8 M3 87.58 V/m	Grid 9 M3 86.31 V/m

Cursor:

Total = 88.02 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 88.02 V/m = 39.03 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- 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 = 10mm & 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 = 37.67 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.3 V/m

Average value of Total=(107.9+109.3)/2=108.6 V/m

PMF scaled E-field

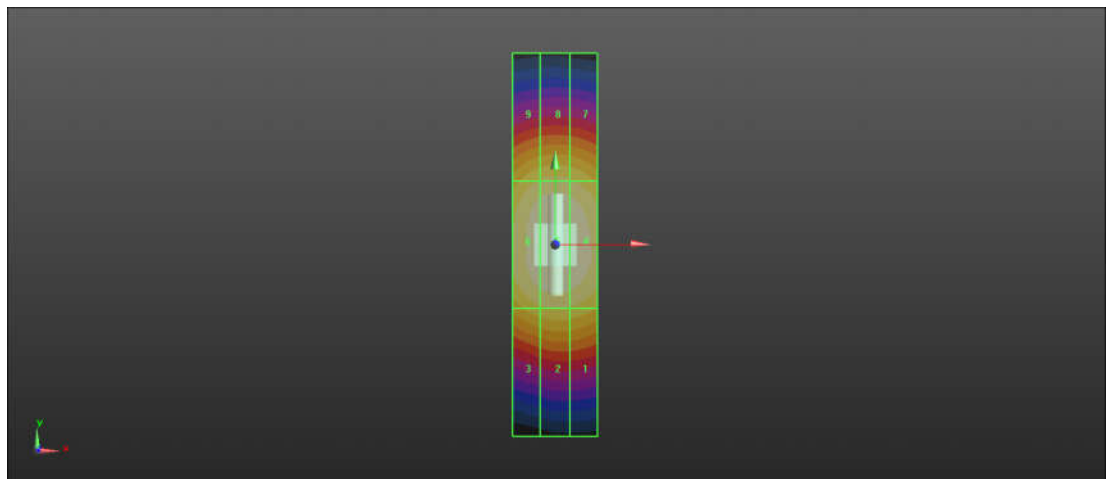
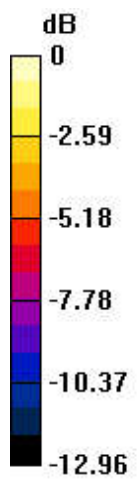
Grid 1 M3 95.80 V/m	Grid 2 M3 97.32 V/m	Grid 3 M3 94.70 V/m
Grid 4 M2 107.9 V/m	Grid 5 M2 107.3 V/m	Grid 6 M2 109.3 V/m
Grid 7 M3 98.34 V/m	Grid 8 M3 100.2 V/m	Grid 9 M3 97.85 V/m

Cursor:

Total = 109.3 V/m

E Category: M2

Location: 0.5, 0, 8.7 mm



0 dB = 109.3 V/m = 41.06 dBV/m