

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 = 124.8 V/m; Power Drift = 0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 117.9 V/m

Average value of Total=(119.3+111.5)/2=115.4 V/m

PMF scaled E-field

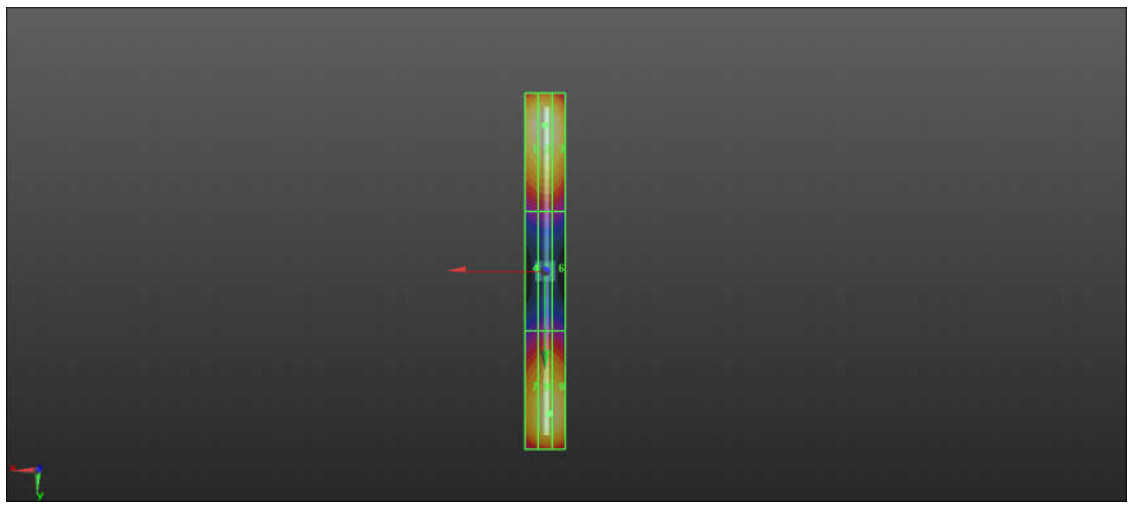
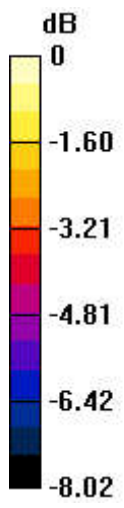
Grid 1 M4 116.1 V/m	Grid 2 M4 119.3 V/m	Grid 3 M4 115.8 V/m
Grid 4 M4 69.05 V/m	Grid 5 M4 70.41 V/m	Grid 6 M4 69.93 V/m
Grid 7 M4 106.7 V/m	Grid 8 M4 111.5 V/m	Grid 9 M4 110.9 V/m

Cursor:

Total = 117.9 V/m

E Category: M4

Location: 0, -73.5, 8.7 mm



0 dB = 117.9 V/m = 41.41 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: 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 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 = 146.3 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 97.99 V/m

Average value of Total=(97.52+92.22)/2=94.87 V/m

PMF scaled E-field

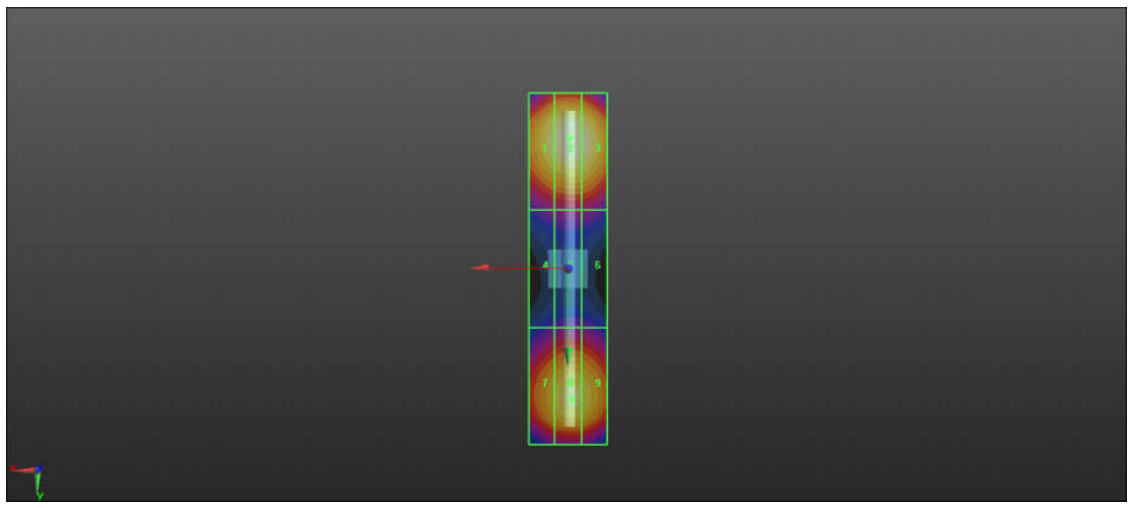
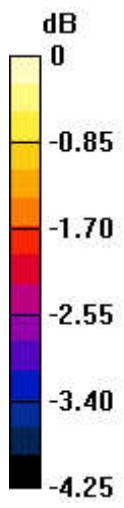
Grid 1 M3 94.71 V/m	Grid 2 M3 97.52 V/m	Grid 3 M3 96.68 V/m
Grid 4 M3 72.91 V/m	Grid 5 M3 74.03 V/m	Grid 6 M3 73.73 V/m
Grid 7 M3 89.19 V/m	Grid 8 M3 92.22 V/m	Grid 9 M3 91.87 V/m

Cursor:

Total = 97.99 V/m

E Category: M3

Location: -0.5, -33.5, 8.7 mm



0 dB = 97.99 V/m = 39.95 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: 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 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 = 73.81 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.35 V/m

Average value of Total=(91.31+88.33)/2=89.82 V/m

PMF scaled E-field

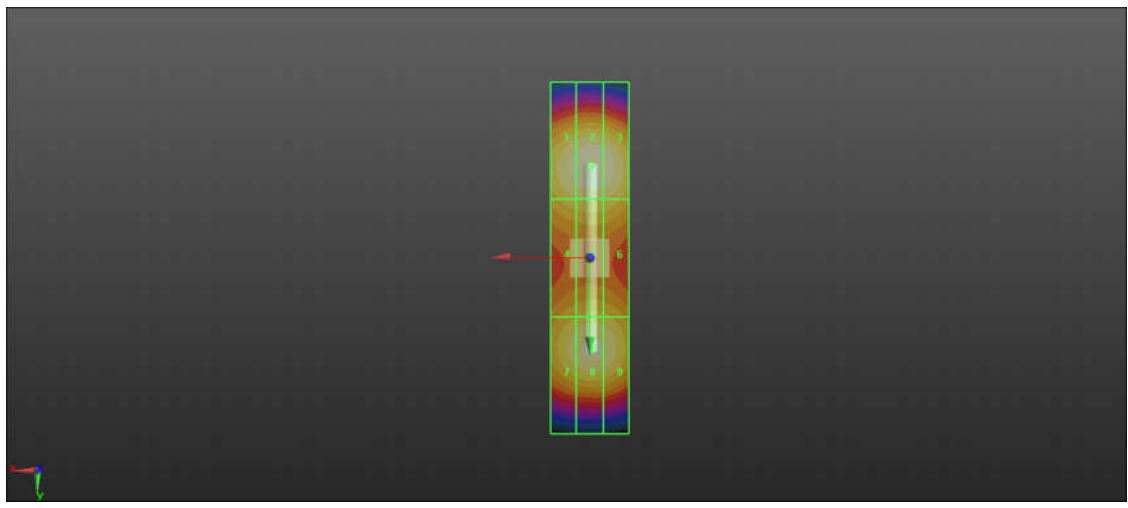
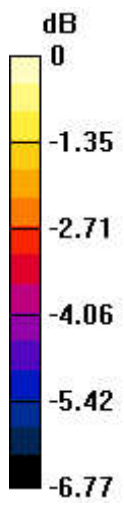
Grid 1 M3 89.25 V/m	Grid 2 M3 91.31 V/m	Grid 3 M3 90.78 V/m
Grid 4 M3 82.39 V/m	Grid 5 M3 83.79 V/m	Grid 6 M3 83.03 V/m
Grid 7 M3 85.46 V/m	Grid 8 M3 88.33 V/m	Grid 9 M3 87.53 V/m

Cursor:

Total = 92.35 V/m

E Category: M3

Location: -0.5, -23.5, 8.7 mm



0 dB = 92.35 V/m = 39.93 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 - 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 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 = 74.13 V/m; Power Drift = 0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.92 V/m

Average value of Total=(87.63+88.45)/2 = 88.04 V/m

PMF scaled E-field

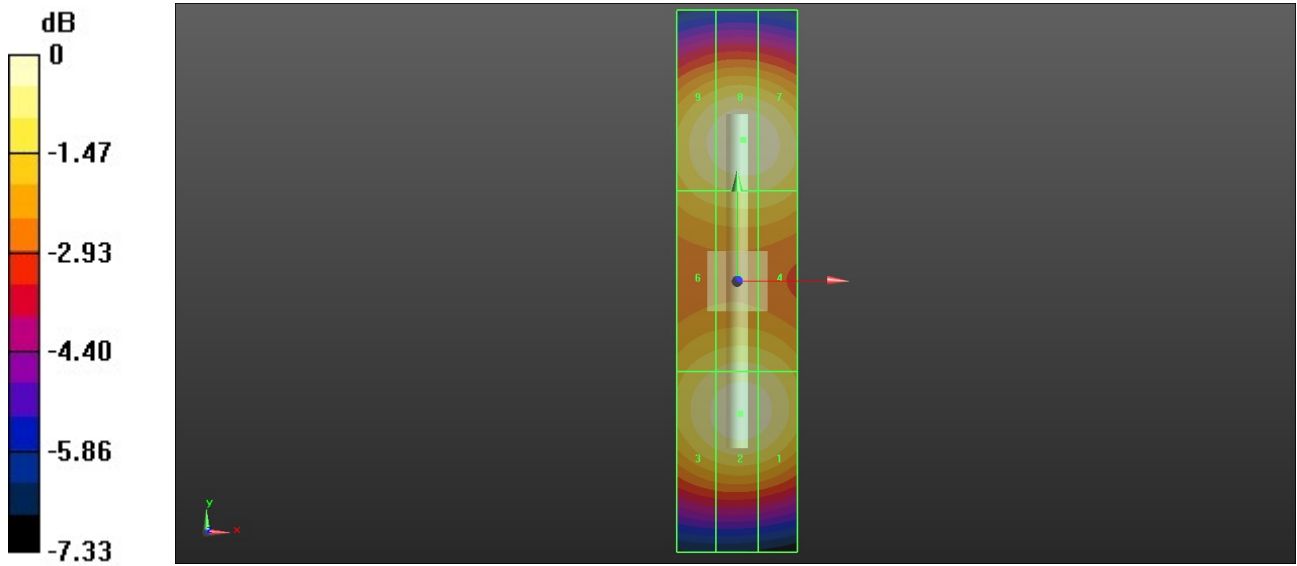
Grid 1 M3 86.32 V/m	Grid 2 M3 87.63 V/m	Grid 3 M3 84.78 V/m
Grid 4 M3 80.78 V/m	Grid 5 M3 81.33 V/m	Grid 6 M3 79.52 V/m
Grid 7 M3 87.72 V/m	Grid 8 M3 88.45 V/m	Grid 9 M3 85.68 V/m

Cursor:

Total = 88.92 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 88.92 V/m = 39.01 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 = 38.75 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.53 V/m

Average value of Total=(88.85+88.23)/2 = 88.54 V/m

PMF scaled E-field

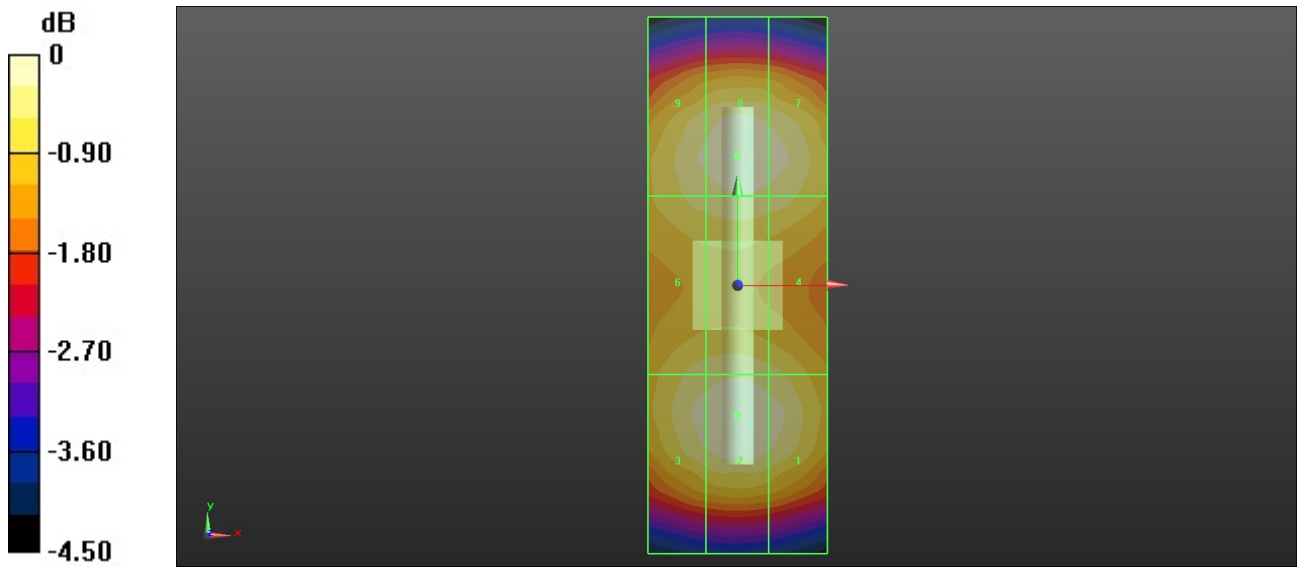
Grid 1 M3 87.63 V/m	Grid 2 M3 88.85 V/m	Grid 3 M3 87.39 V/m
Grid 4 M3 85.07 V/m	Grid 5 M3 85.86 V/m	Grid 6 M3 84.85 V/m
Grid 7 M3 87.69 V/m	Grid 8 M3 88.23 V/m	Grid 9 M3 86.52 V/m

Cursor:

Total = 88.53 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 88.53 V/m = 39.26 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 - 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 = 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 = 37.61 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 114.6 V/m

Average value of Total=(112.4+113.8)/2=113.1 V/m

PMF scaled E-field

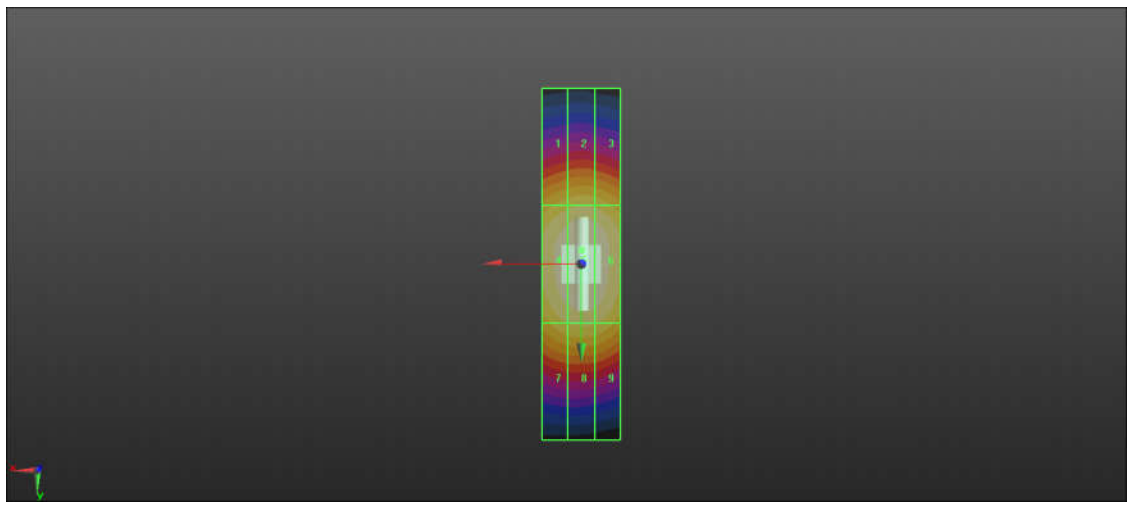
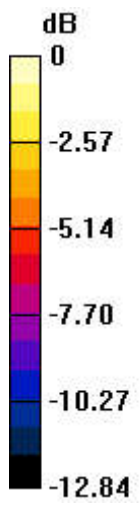
Grid 1 M3 92.81 V/m	Grid 2 M3 96.12 V/m	Grid 3 M3 94.07 V/m
Grid 4 M2 112.4 V/m	Grid 5 M2 114.6 V/m	Grid 6 M2 113.8 V/m
Grid 7 M3 95.91 V/m	Grid 8 M3 98.58 V/m	Grid 9 M3 97.06 V/m

Cursor:

Total = 114.6 V/m

E Category: M2

Location: 0, -3.5, 8.7 mm



0 dB = 114.6 V/m = 41.33 dBV/m