

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 = 123.3 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.5 V/m

Average value of Total=(119.1+111.9)/2=115.5 V/m

PMF scaled E-field

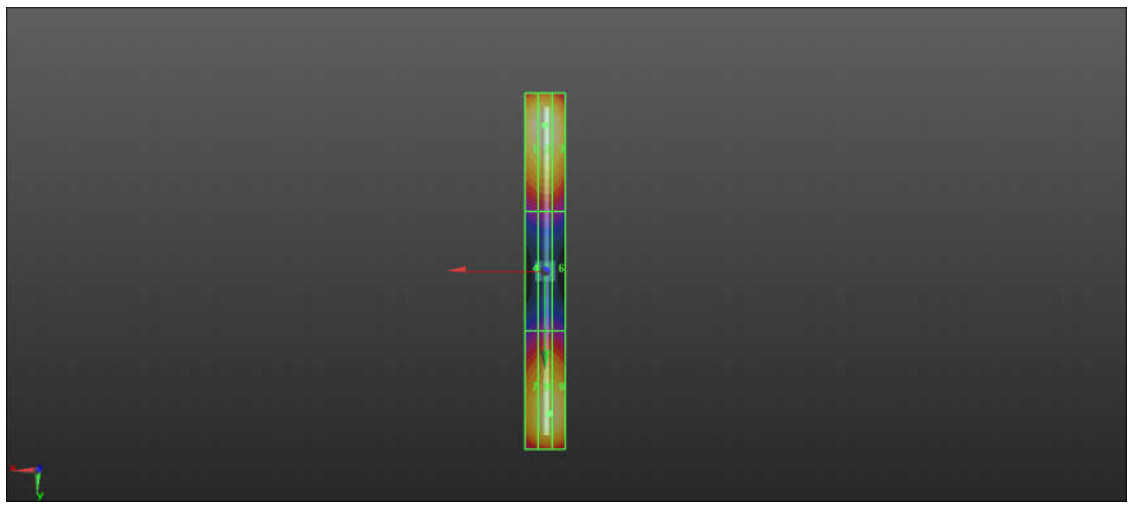
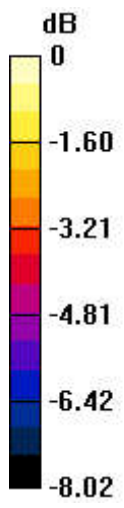
Grid 1 M4 115.9 V/m	Grid 2 M4 119.1 V/m	Grid 3 M4 116.4 V/m
Grid 4 M4 69.18 V/m	Grid 5 M4 70.38 V/m	Grid 6 M4 69.91 V/m
Grid 7 M4 106.5 V/m	Grid 8 M4 111.9 V/m	Grid 9 M4 111.2 V/m

Cursor:

Total = 115.5 V/m

E Category: M4

Location: 0, -73.5, 8.7 mm



0 dB = 115.5 V/m = 41.36 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 = 144.1 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 97.82 V/m

Average value of Total=(97.41+92.11)/2=94.76 V/m

PMF scaled E-field

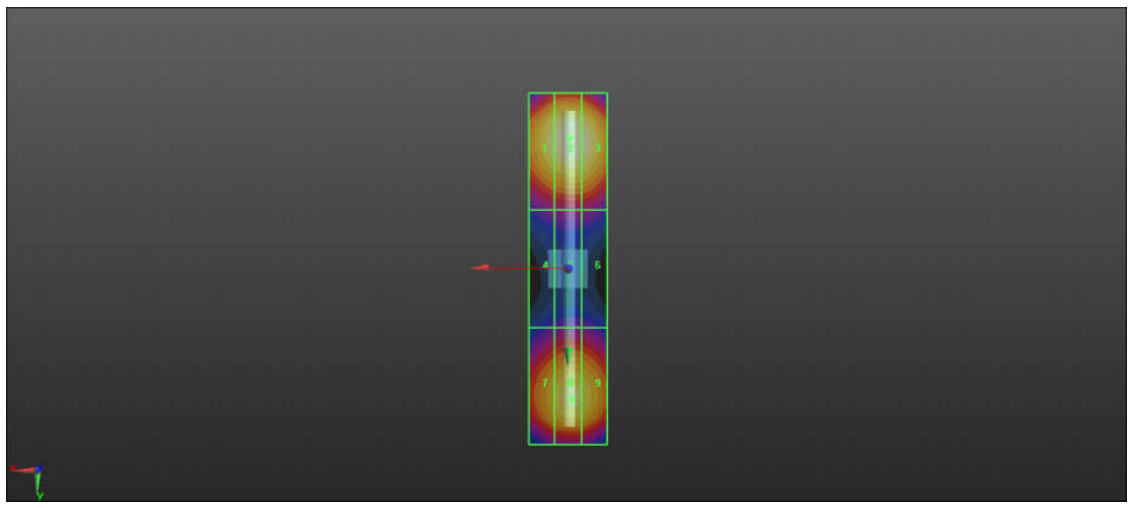
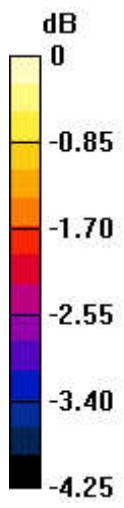
Grid 1 M3 94.58 V/m	Grid 2 M3 97.41 V/m	Grid 3 M3 96.72 V/m
Grid 4 M3 72.93 V/m	Grid 5 M3 74.06 V/m	Grid 6 M3 73.79 V/m
Grid 7 M3 89.12 V/m	Grid 8 M3 92.11 V/m	Grid 9 M3 91.81 V/m

Cursor:

Total = 97.82 V/m

E Category: M3

Location: -0.5, -33.5, 8.7 mm



0 dB = 97.82 V/m = 39.81 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 = 73.66 V/m; Power Drift = -0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.01 V/m

Average value of Total=(91.28+88.22)/2=89.75 V/m

PMF scaled E-field

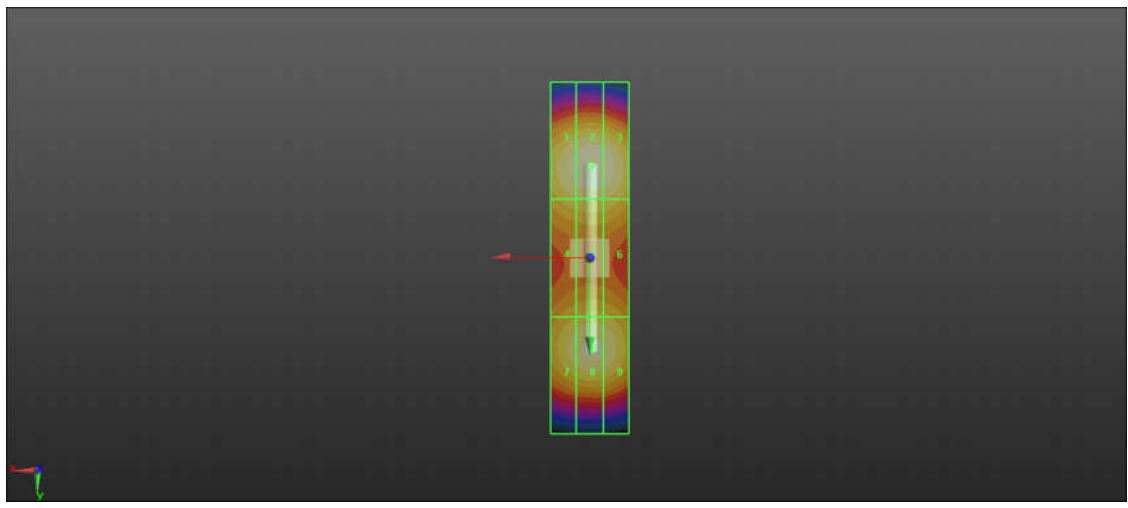
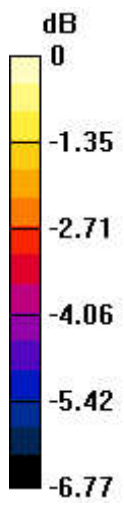
Grid 1 M3 89.39 V/m	Grid 2 M3 91.28 V/m	Grid 3 M3 90.84 V/m
Grid 4 M3 82.41 V/m	Grid 5 M3 83.83 V/m	Grid 6 M3 83.09 V/m
Grid 7 M3 85.58 V/m	Grid 8 M3 88.22 V/m	Grid 9 M3 87.42 V/m

Cursor:

Total = 92.01 V/m

E Category: M3

Location: -0.5, -23.5, 8.7 mm



0 dB = 92.01 V/m = 39.71 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 = 73.82 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.59 V/m

Average value of Total=(87.51+88.31)/2 = 87.91 V/m

PMF scaled E-field

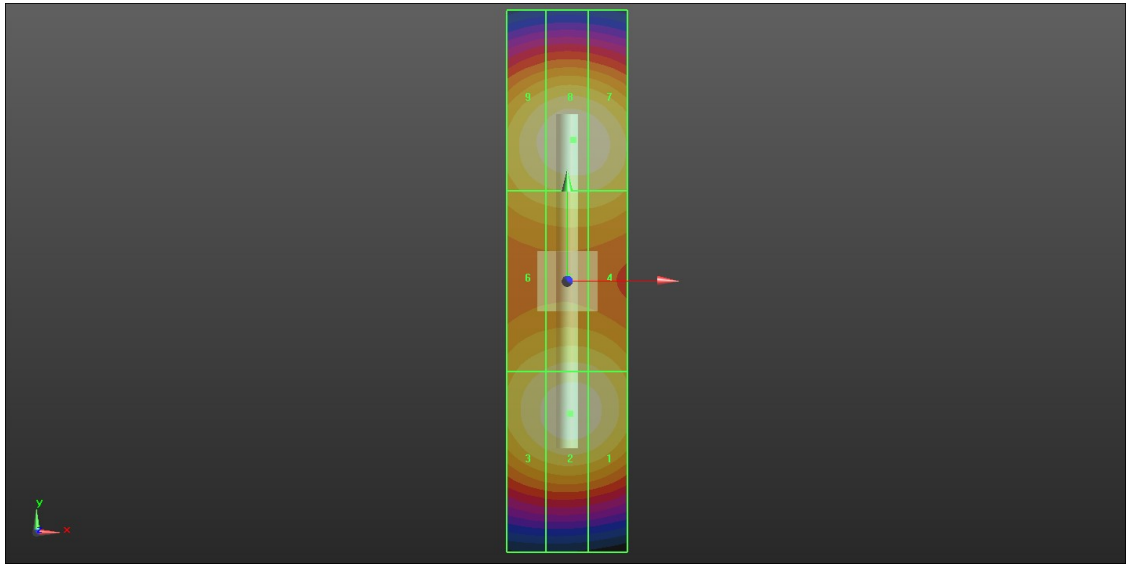
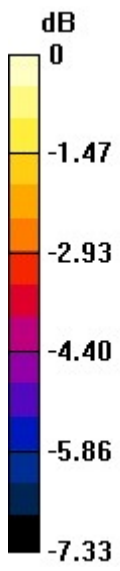
Grid 1 M3 86.26 V/m	Grid 2 M3 87.51 V/m	Grid 3 M3 84.91 V/m
Grid 4 M3 80.82 V/m	Grid 5 M3 81.47 V/m	Grid 6 M3 79.68 V/m
Grid 7 M3 87.69 V/m	Grid 8 M3 88.31 V/m	Grid 9 M3 85.73 V/m

Cursor:

Total = 88.59 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 88.59 V/m = 38.93 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 = 38.69 V/m; Power Drift = 0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.48 V/m

Average value of Total=(88.62+88.12)/2 = 88.37 V/m

PMF scaled E-field

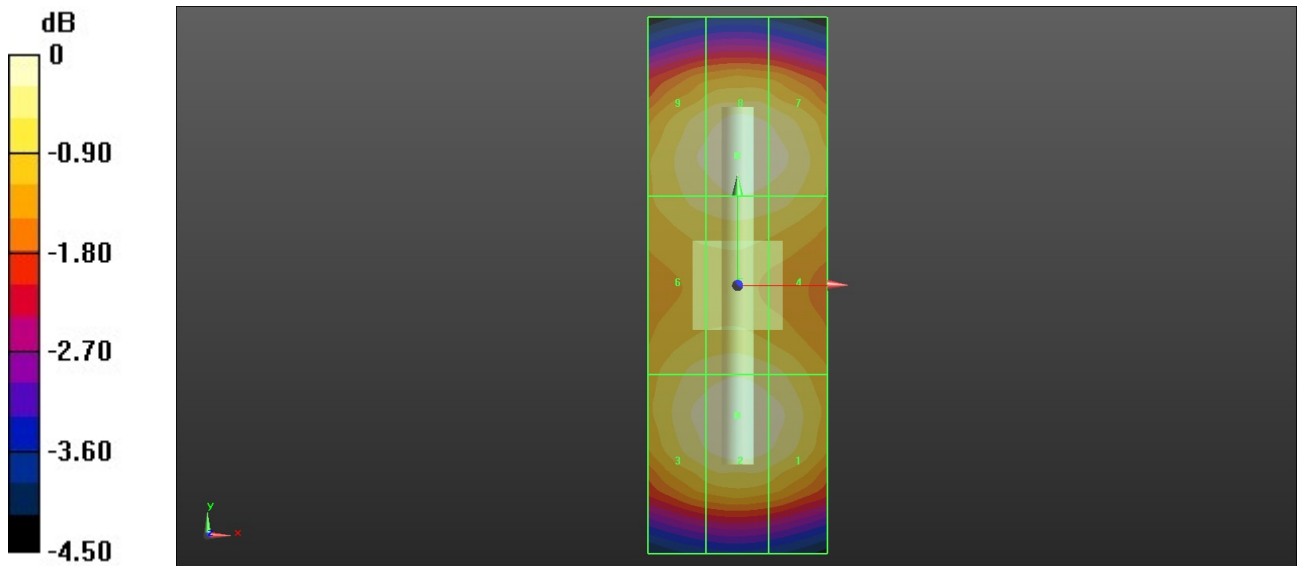
Grid 1 M3 87.57 V/m	Grid 2 M3 88.62 V/m	Grid 3 M3 87.45 V/m
Grid 4 M3 85.07 V/m	Grid 5 M3 85.99 V/m	Grid 6 M3 84.93 V/m
Grid 7 M3 87.53 V/m	Grid 8 M3 88.12 V/m	Grid 9 M3 86.41 V/m

Cursor:

Total = 88.48 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 88.48 V/m = 39.11 dBV/m