

HAC_E_Dipole_835

DUT: HAC Dipole 835 MHz

Communication System: 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 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 = 131.0 V/m; Power Drift = 0.02 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 120.4 V/m

Average value of Total=(120.4+110.1) / 2 = 115.25 V/m

PMF scaled E-field

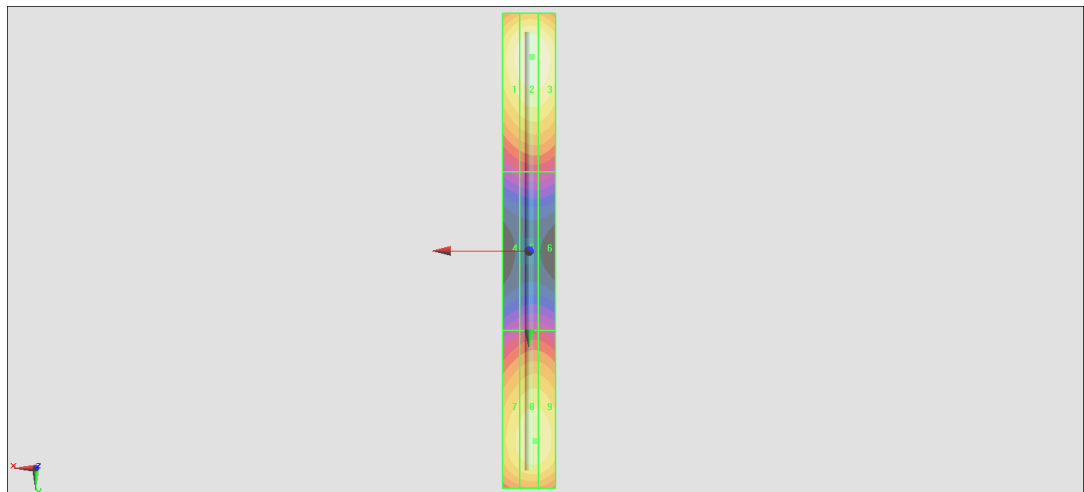
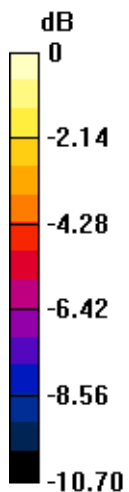
Grid 1 M4 115.2 V/m	Grid 2 M4 120.4 V/m	Grid 3 M4 119.4 V/m
Grid 4 M4 61.53 V/m	Grid 5 M4 63.77 V/m	Grid 6 M4 63.65 V/m
Grid 7 M4 105.1 V/m	Grid 8 M4 110.1 V/m	Grid 9 M4 109.9 V/m

Cursor:

Total = 120.4 V/m

E Category: M4

Location: -1, -73.5, 9.7 mm



0 dB = 120.4 V/m = 41.61 dBV/m

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

Communication System: 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD1880 = 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 = 151.5 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.73 V/m

Average value of Total=(88.73+85.89) / 2 = 87.31 V/m

PMF scaled E-field

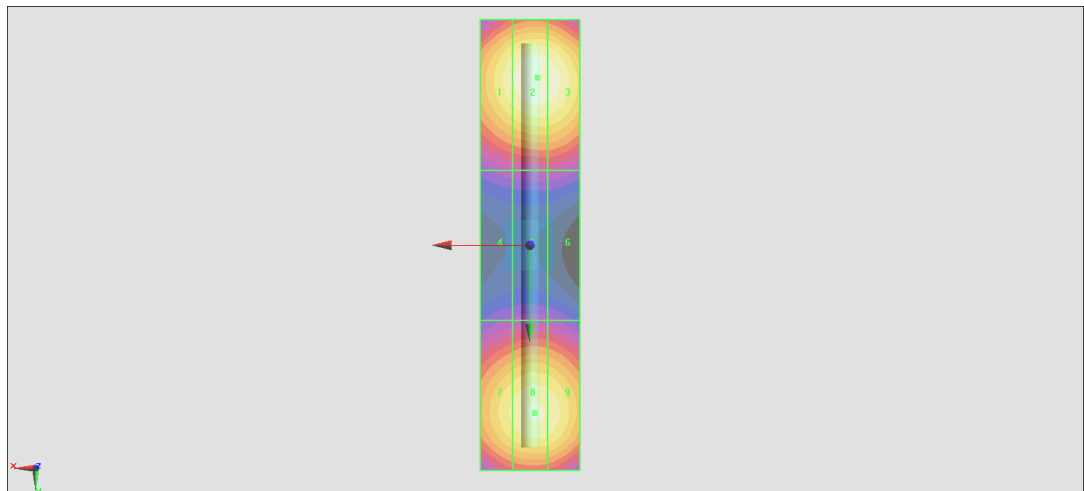
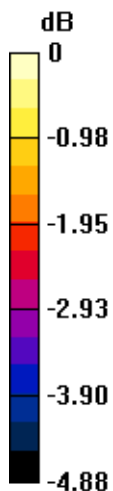
Grid 1 M3 85.26 V/m	Grid 2 M3 88.73 V/m	Grid 3 M3 88.25 V/m
Grid 4 M3 63.18 V/m	Grid 5 M3 64.23 V/m	Grid 6 M3 64.22 V/m
Grid 7 M3 83.19 V/m	Grid 8 M3 85.89 V/m	Grid 9 M3 85.24 V/m

Cursor:

Total = 88.73 V/m

E Category: M3

Location: -1.5, -33.5, 9.7 mm



0 dB = 88.73 V/m = 38.96 dBV/m

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD2450 = 10mm & 15mm
2/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 = 76.17 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.35 V/m

Average value of Total=(85.35+83.86) / 2 = 84.605 V/m

PMF scaled E-field

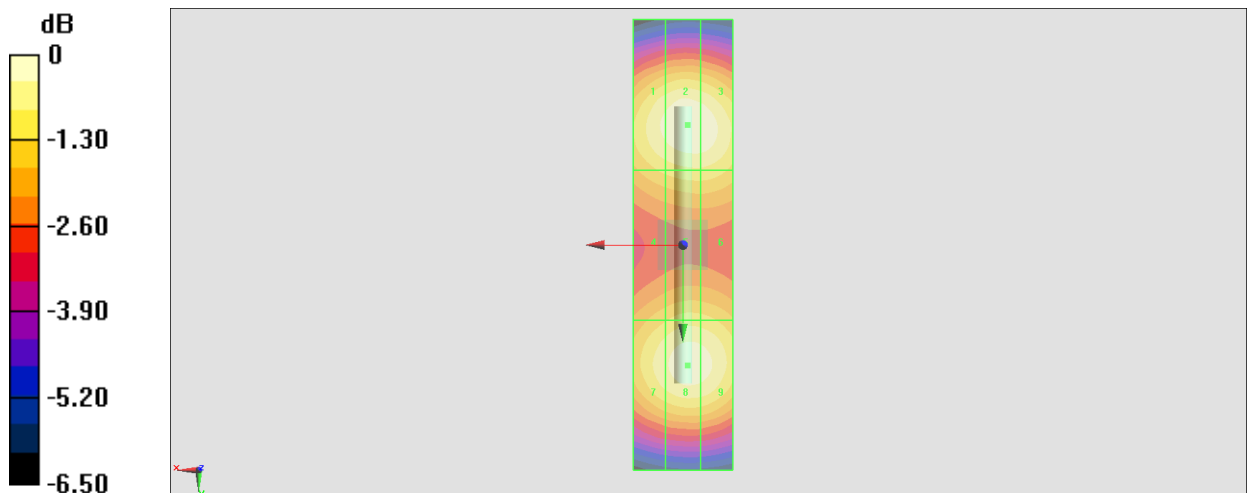
Grid 1 M3 82.37 V/m	Grid 2 M3 85.35 V/m	Grid 3 M3 84.60 V/m
Grid 4 M3 74.70 V/m	Grid 5 M3 76.70 V/m	Grid 6 M3 76.66 V/m
Grid 7 M3 80.53 V/m	Grid 8 M3 83.86 V/m	Grid 9 M3 83.24 V/m

Cursor:

Total = 85.35 V/m

E Category: M3

Location: -1, -24, 9.7 mm



0 dB = 85.35 V/m = 38.62 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 3500 MHz

Communication System: CW ; 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD2600 = 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 = 65.42 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.19 V/m

Average value of Total=(82.70+87.19) / 2 = 84.945 V/m

PMF scaled E-field

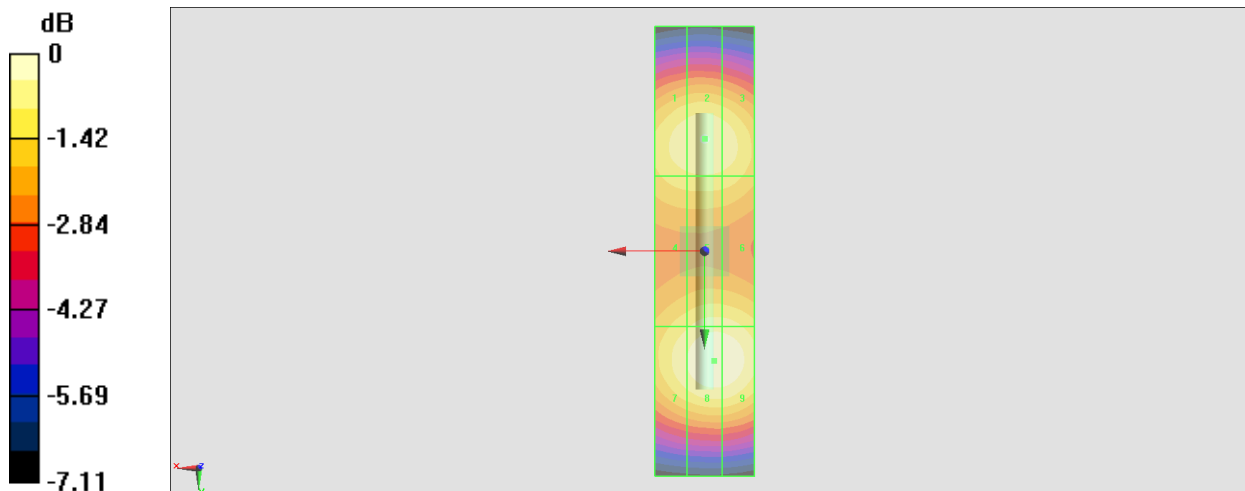
Grid 1 M3 81.37 V/m	Grid 2 M3 82.70 V/m	Grid 3 M3 81.48 V/m
Grid 4 M3 77.60 V/m	Grid 5 M3 81.03 V/m	Grid 6 M3 80.86 V/m
Grid 7 M3 82.69 V/m	Grid 8 M3 87.19 V/m	Grid 9 M3 86.94 V/m

Cursor:

Total = 87.19 V/m

E Category: M3

Location: -2, 22, 9.7 mm



0 dB = 87.19 V/m = 38.81 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: CW ; 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD3500 = 10mm & 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 = 36.46 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.14 V/m

Average value of Total=(88.14+86.92) / 2 = 87.53 V/m

PMF scaled E-field

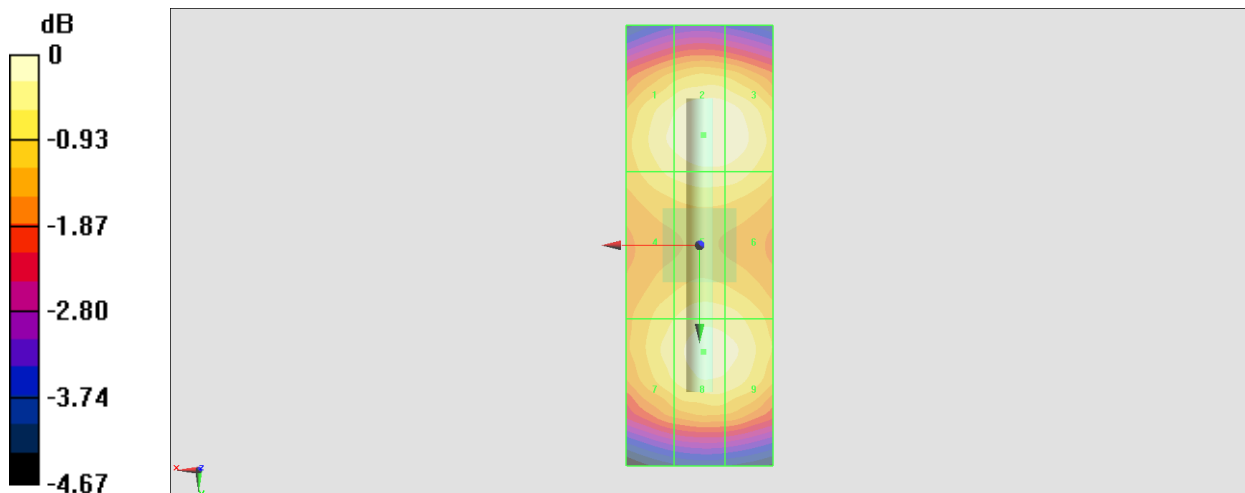
Grid 1 M3 85.87 V/m	Grid 2 M3 88.14 V/m	Grid 3 M3 87.70 V/m
Grid 4 M3 82.96 V/m	Grid 5 M3 84.44 V/m	Grid 6 M3 84.23 V/m
Grid 7 M3 83.90 V/m	Grid 8 M3 86.92 V/m	Grid 9 M3 86.15 V/m

Cursor:

Total = 88.14 V/m

E Category: M3

Location: -0.5, -15, 9.7 mm



0 dB = 88.14 V/m = 38.90 dBV/m