

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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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 = 129.9 V/m; Power Drift = -0.15 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 121.9 V/m
 Average value of Total=(121.9+105.6) / 2 = 113.75 V/m

PMF scaled E-field

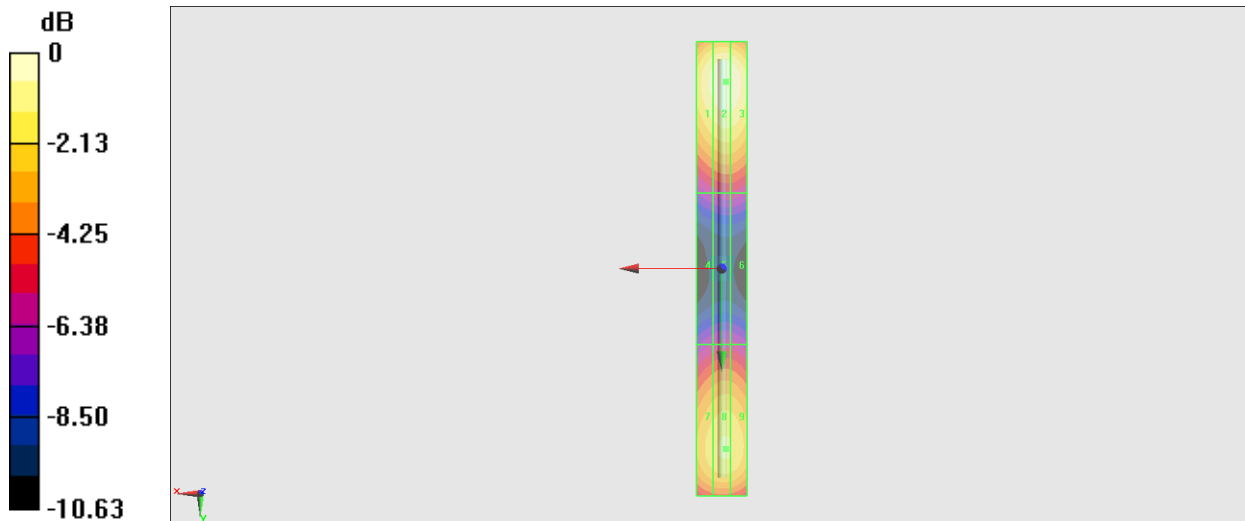
Grid 1 M4 116.4 V/m	Grid 2 M4 121.9 V/m	Grid 3 M4 121.1 V/m
Grid 4 M4 60.56 V/m	Grid 5 M4 63.13 V/m	Grid 6 M4 63.11 V/m
Grid 7 M4 101.4 V/m	Grid 8 M4 105.6 V/m	Grid 9 M4 104.8 V/m

Cursor:

Total = 121.9 V/m

E Category: M4

Location: -1.5, -74, 9.7 mm



0 dB = 121.9 V/m = 41.72 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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 = 172.0 V/m; Power Drift = 0.17 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.58 V/m

Average value of Total=(89.64+92.58) / 2 = 91.11 V/m

PMF scaled E-field

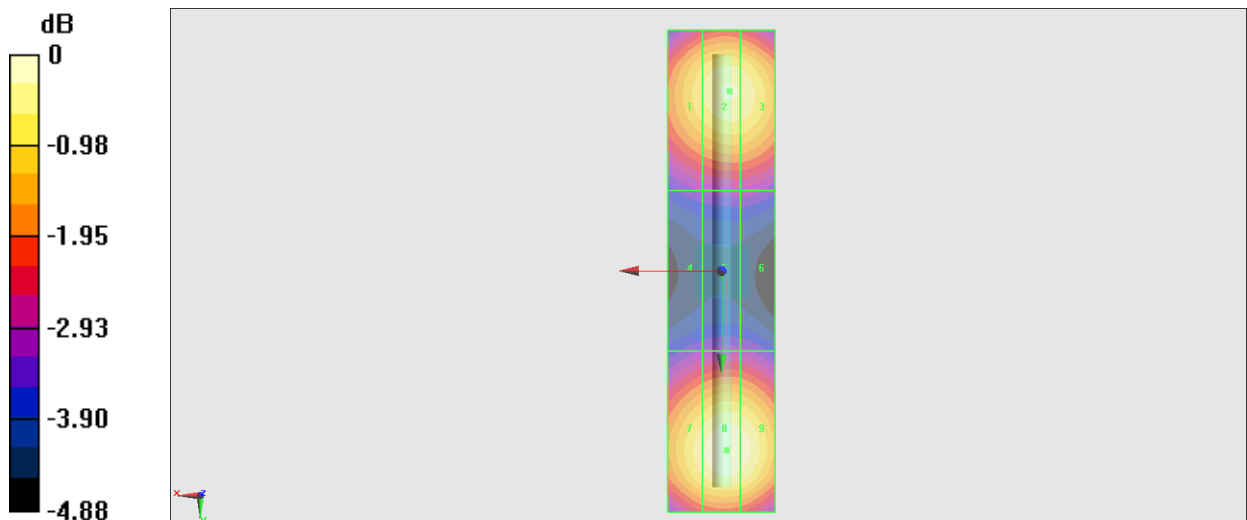
Grid 1 M3 86.04 V/m	Grid 2 M3 89.64 V/m	Grid 3 M3 89.07 V/m
Grid 4 M3 64.09 V/m	Grid 5 M3 65.47 V/m	Grid 6 M3 65.45 V/m
Grid 7 M3 88.94 V/m	Grid 8 M3 92.58 V/m	Grid 9 M3 91.61 V/m

Cursor:

Total = 92.58 V/m

E Category: M3

Location: -1, 33.5, 9.7 mm



0 dB = 92.58 V/m = 39.33 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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 /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 = 76.43 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 81.57 V/m

Average value of Total=(80.28+81.57) / 2 = 80.925 V/m

PMF scaled E-field

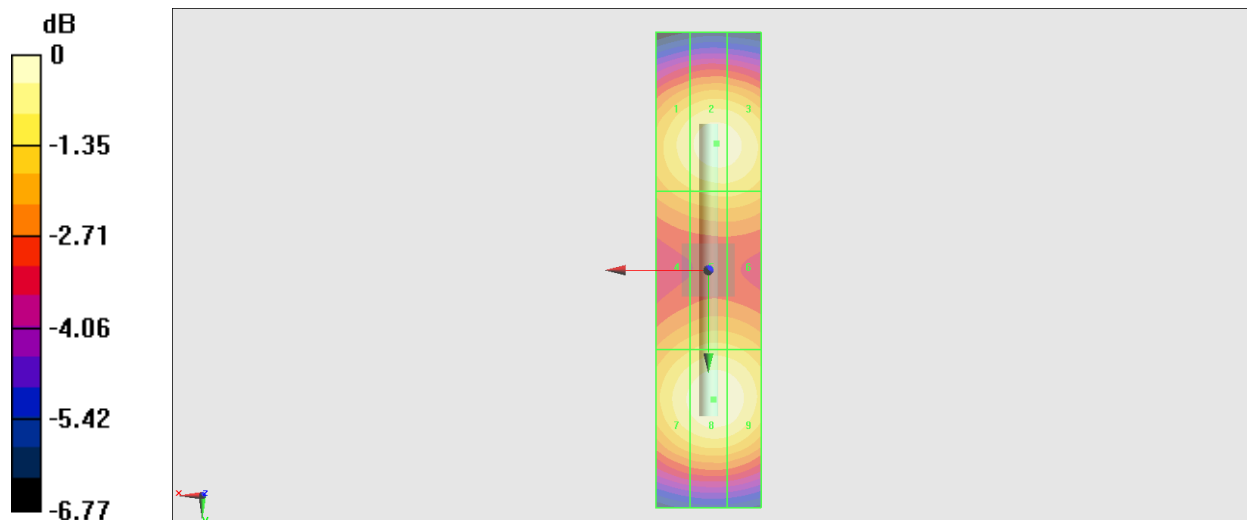
Grid 1 M3 76.72 V/m	Grid 2 M3 80.28 V/m	Grid 3 M3 79.64 V/m
Grid 4 M3 69.42 V/m	Grid 5 M3 71.66 V/m	Grid 6 M3 71.47 V/m
Grid 7 M3 78.22 V/m	Grid 8 M3 81.57 V/m	Grid 9 M3 80.86 V/m

Cursor:

Total = 81.57 V/m

E Category: M3

Location: -1, 24.5, 9.7 mm



0 dB = 81.57 V/m = 38.23 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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 = 70.04 V/m; Power Drift = -0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.13 V/m

Average value of Total=(86.06+87.13) / 2 = 86.595 V/m

PMF scaled E-field

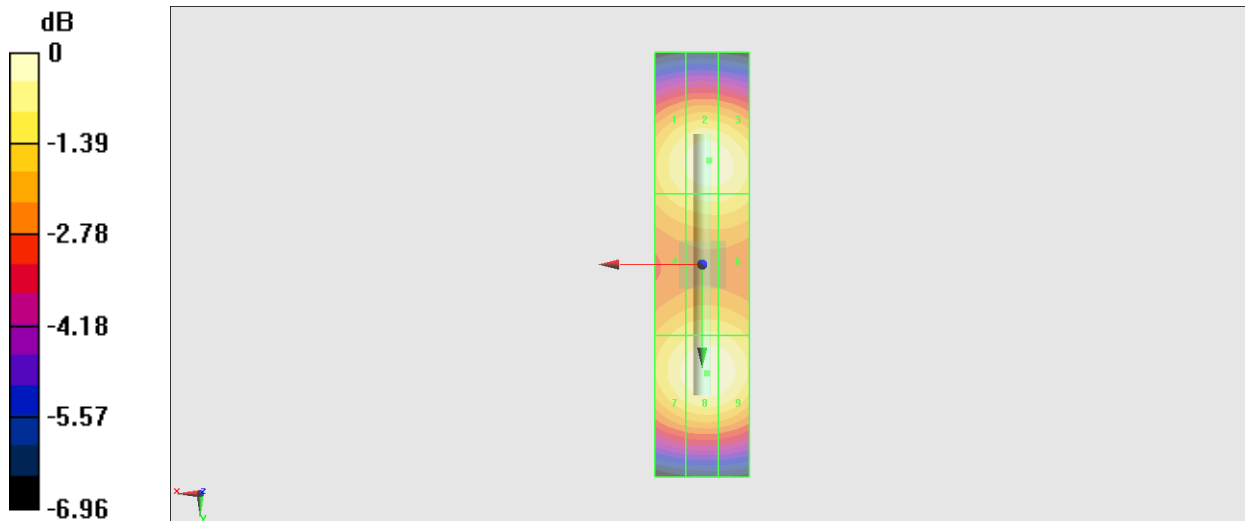
Grid 1 M3 83.25 V/m	Grid 2 M3 86.06 V/m	Grid 3 M3 85.47 V/m
Grid 4 M3 78.59 V/m	Grid 5 M3 80.79 V/m	Grid 6 M3 80.71 V/m
Grid 7 M3 84.02 V/m	Grid 8 M3 87.13 V/m	Grid 9 M3 86.54 V/m

Cursor:

Total = 87.13 V/m

E Category: M3

Location: -1, 23, 9.7 mm



0 dB = 87.13 V/m = 38.80 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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 = 0.13 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.05 V/m

Average value of Total=(88.05+86.96) / 2 = 87.505 V/m

PMF scaled E-field

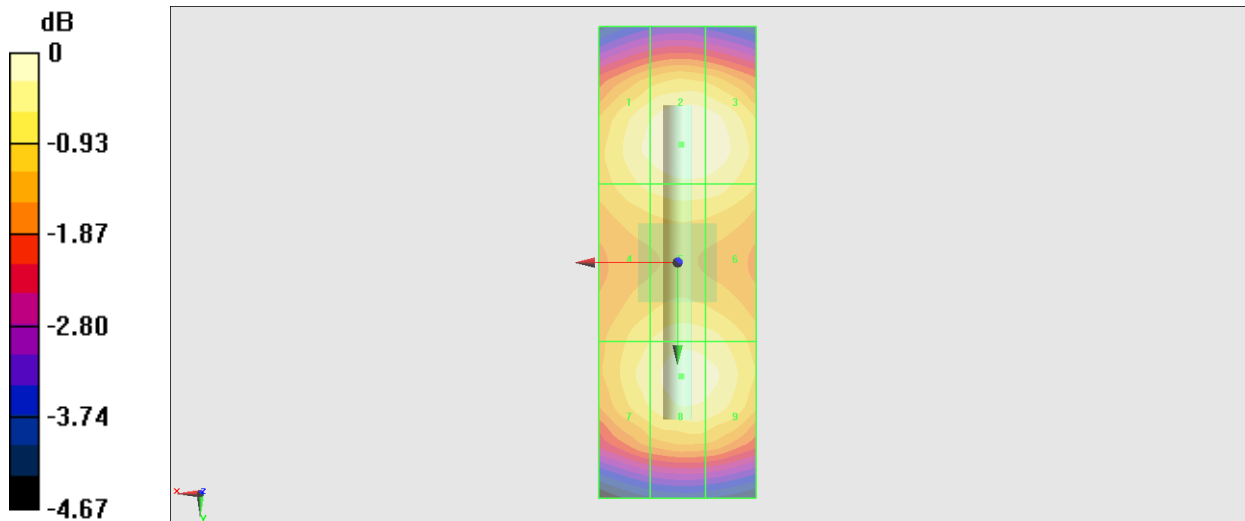
Grid 1 M3 85.67 V/m	Grid 2 M3 88.05 V/m	Grid 3 M3 87.47 V/m
Grid 4 M3 82.82 V/m	Grid 5 M3 84.43 V/m	Grid 6 M3 84.17 V/m
Grid 7 M3 83.88 V/m	Grid 8 M3 86.96 V/m	Grid 9 M3 86.12 V/m

Cursor:

Total = 88.05 V/m

E Category: M3

Location: -0.5, -15, 9.7 mm



0 dB = 88.05 V/m = 38.89 dBV/m

HAC_E_Dipole_5500

DUT: HAC Dipole 5500 MHz

Communication System: CW; 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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 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 = 27.88 V/m; Power Drift = 0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 100.2 V/m

Average value of Total=(90.07+95.46) / 2 = 92.765 V/m

PMF scaled E-field

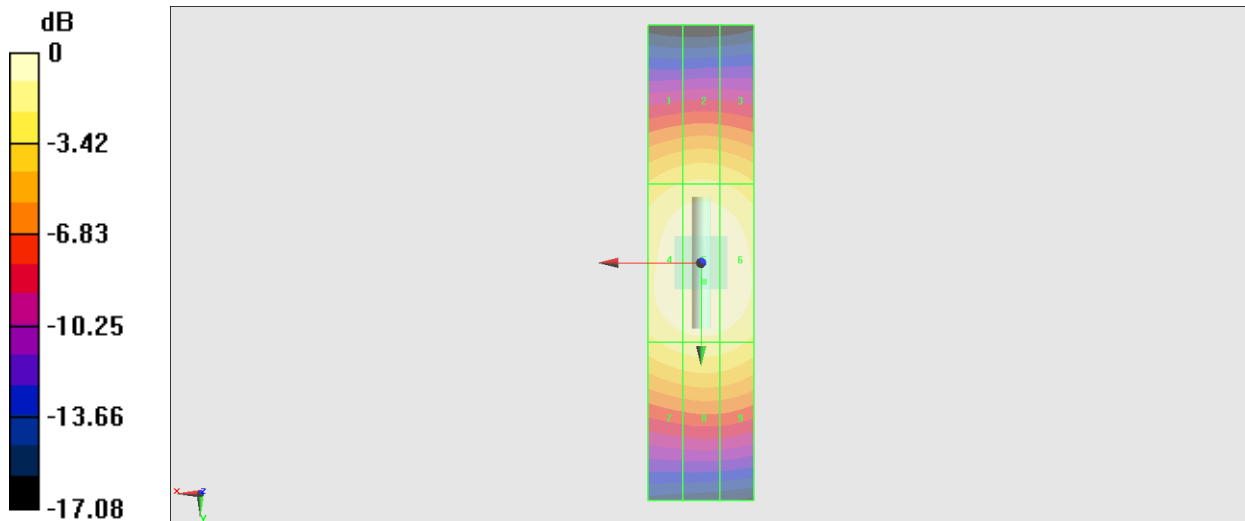
Grid 1 M3 89.12 V/m	Grid 2 M3 90.07 V/m	Grid 3 M3 89.39 V/m
Grid 4 M3 99.97 V/m	Grid 5 M3 100.2 V/m	Grid 6 M3 100.1 V/m
Grid 7 M3 93.15 V/m	Grid 8 M3 95.46 V/m	Grid 9 M3 93.94 V/m

Cursor:

Total = 100.2 V/m

E Category: M3

Location: -0.5, 3.5, 9.7 mm



0 dB = 100.2 V/m = 40.02 dBV/m