

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 131.8 V/m; Power Drift = -0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 116.8 V/m

Average value of Total=(116.8+111.2) / 2 = 114 V/m

PMF scaled E-field

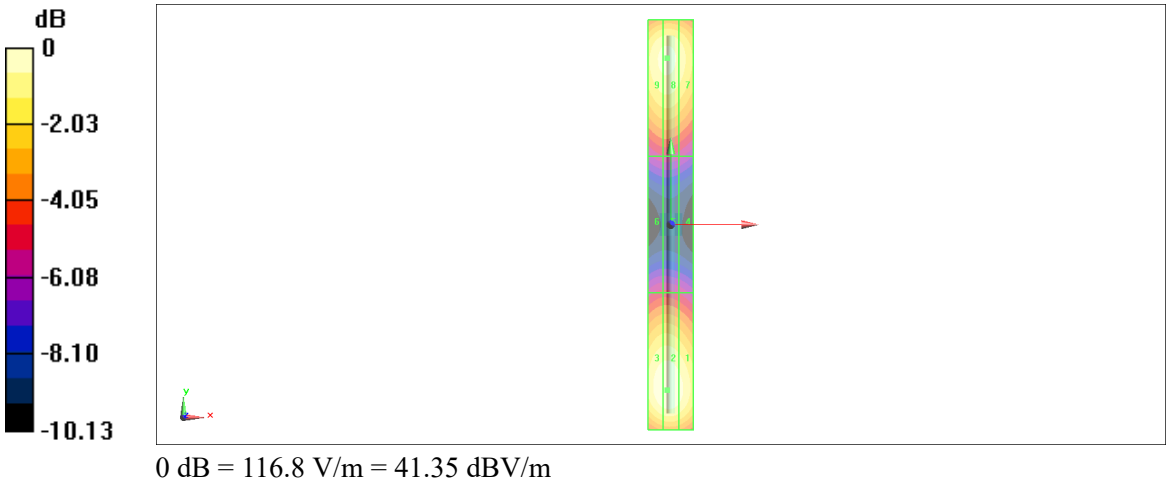
Grid 1 M4 112.2 V/m	Grid 2 M4 116.8 V/m	Grid 3 M4 115.8 V/m
Grid 4 M4 62.60 V/m	Grid 5 M4 65.09 V/m	Grid 6 M4 65.02 V/m
Grid 7 M4 106.2 V/m	Grid 8 M4 111.2 V/m	Grid 9 M4 110.6 V/m

Cursor:

Total = 116.8 V/m

E Category: M4

Location: -1.5, -72.5, 9.7 mm



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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 171.5 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.46 V/m

Average value of Total=(89.43+92.46) / 2 = 90.945 V/m

PMF scaled E-field

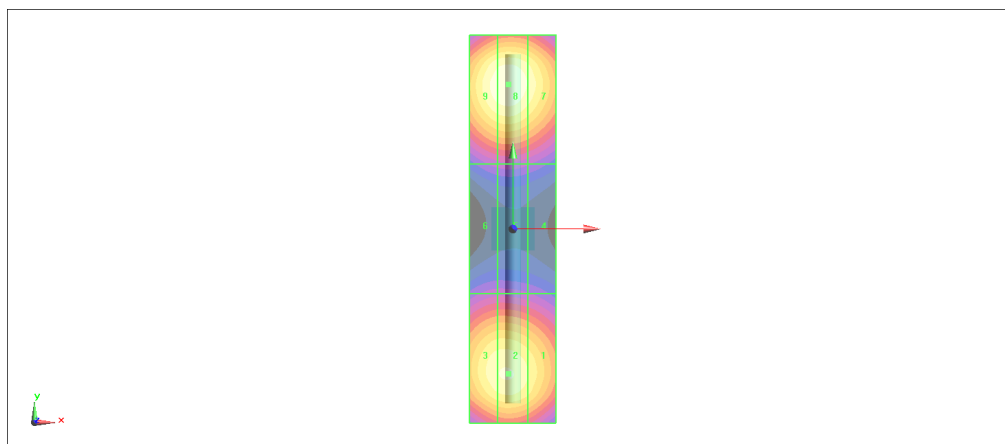
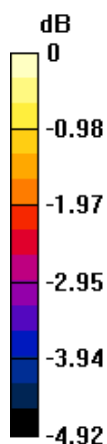
Grid 1 M3 85.86 V/m	Grid 2 M3 89.43 V/m	Grid 3 M3 88.91 V/m
Grid 4 M3 63.80 V/m	Grid 5 M3 65.29 V/m	Grid 6 M3 65.16 V/m
Grid 7 M3 88.74 V/m	Grid 8 M3 92.46 V/m	Grid 9 M3 91.45 V/m

Cursor:

Total = 92.46 V/m

E Category: M3

Location: -1, 33.5, 9.7 mm



0 dB = 92.46 V/m = 39.32 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

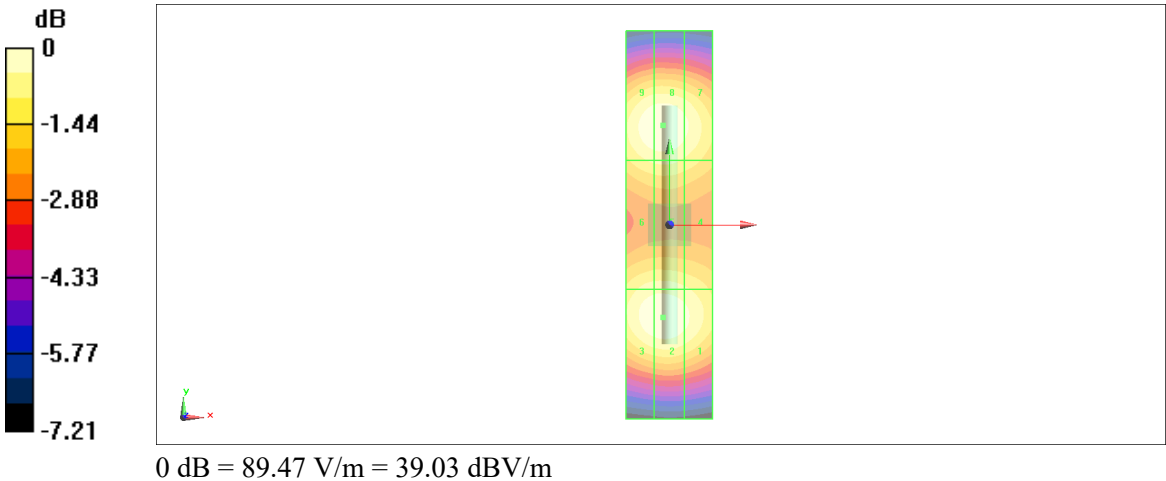
E Scan - measurement distance from the probe sensor center to CD2600 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 72.17 V/m; Power Drift = -0.03 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 89.47 V/m
Average value of Total=(88.81+89.47) / 2 = 89.14 V/m

PMF scaled E-field

Grid 1 M3	Grid 2 M3	Grid 3 M3
85.96 V/m	88.81 V/m	88.36 V/m
Grid 4 M3	Grid 5 M3	Grid 6 M3
81.23 V/m	83.42 V/m	83.25 V/m
Grid 7 M3	Grid 8 M3	Grid 9 M3
85.88 V/m	89.47 V/m	88.86 V/m

Cursor:
Total = 89.47 V/m
E Category: M3
Location: -1.5, 23, 9.7 mm



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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 36.28 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.98 V/m

Average value of Total=(87.98+86.77) / 2 = 87.375 V/m

PMF scaled E-field

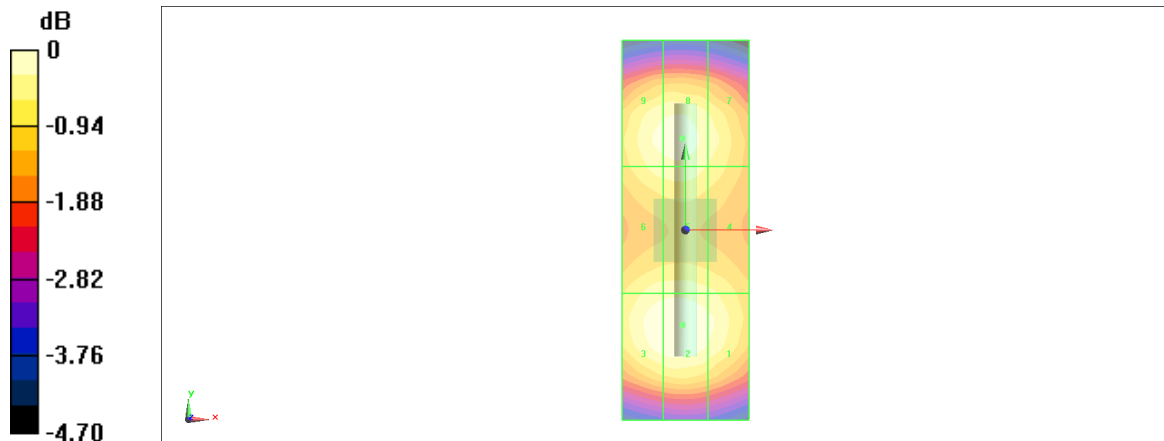
Grid 1 M3 85.73 V/m	Grid 2 M3 87.98 V/m	Grid 3 M3 87.54 V/m
Grid 4 M3 82.82 V/m	Grid 5 M3 84.28 V/m	Grid 6 M3 84.07 V/m
Grid 7 M3 83.75 V/m	Grid 8 M3 86.77 V/m	Grid 9 M3 86.00 V/m

Cursor:

Total = 87.98 V/m

E Category: M3

Location: -0.5, -15, 9.7 mm



0 dB = 87.98 V/m = 38.89 dBV/m