

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: 2021/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn915; Calibrated: 2020/6/22

- 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 = 135.7 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 118.4 V/m

Average value of Total=(118.4+113.4) / 2 = 115.9 V/m

PMF scaled E-field

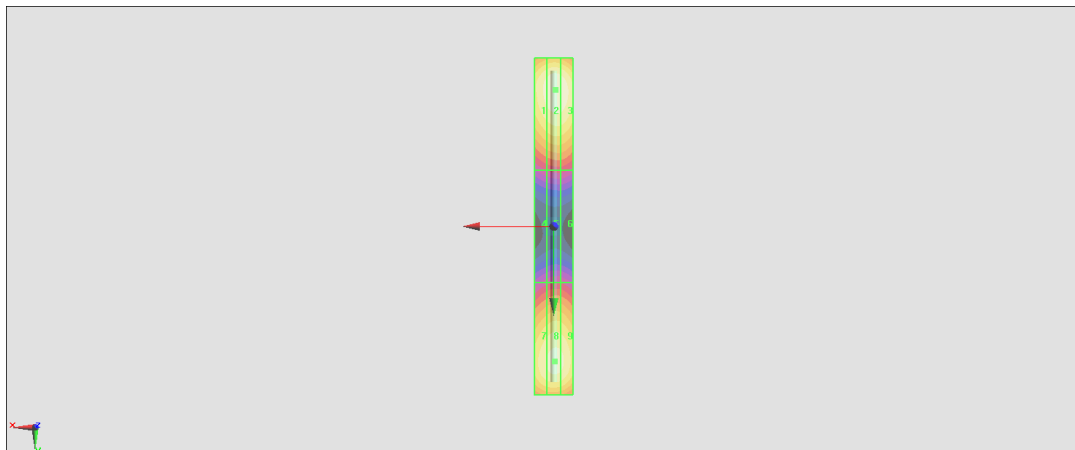
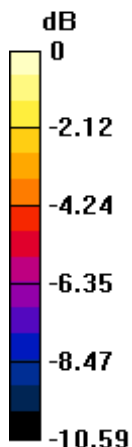
Grid 1 M4 113.5 V/m	Grid 2 M4 118.4 V/m	Grid 3 M4 117.0 V/m
Grid 4 M4 62.36 V/m	Grid 5 M4 64.34 V/m	Grid 6 M4 64.24 V/m
Grid 7 M4 110.0 V/m	Grid 8 M4 113.4 V/m	Grid 9 M4 111.8 V/m

Cursor:

Total = 118.4 V/m

E Category: M4

Location: -1, -73, 9.7 mm



0 dB = 118.4 V/m = 41.47 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: 2021/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn915; Calibrated: 2020/6/22

- 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 = 164.6 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.19 V/m

Average value of Total= $(91.19+90.13) / 2 = 90.66$ V/m

PMF scaled E-field

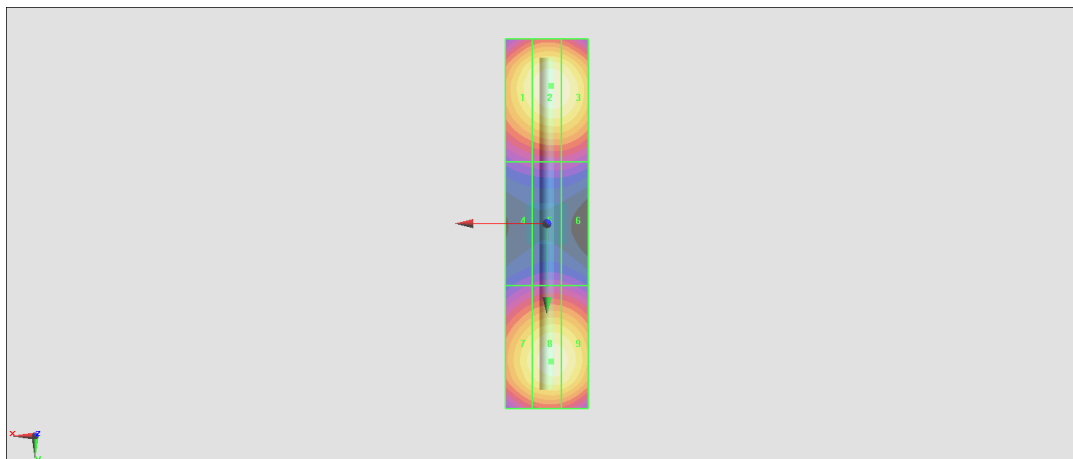
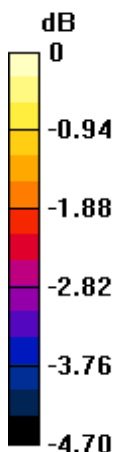
Grid 1 M3 88.19 V/m	Grid 2 M3 91.19 V/m	Grid 3 M3 90.44 V/m
Grid 4 M3 65.55 V/m	Grid 5 M3 66.57 V/m	Grid 6 M3 66.51 V/m
Grid 7 M3 86.73 V/m	Grid 8 M3 90.13 V/m	Grid 9 M3 89.48 V/m

Cursor:

Total = 91.19 V/m

E Category: M3

Location: -1, -33.5, 9.7 mm



0 dB = 91.19 V/m = 39.20 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: 2021/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn915; Calibrated: 2020/6/22

- 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 = 70.54 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.67 V/m

Average value of Total=(86.49+87.67) / 2 = 87.08 V/m

PMF scaled E-field

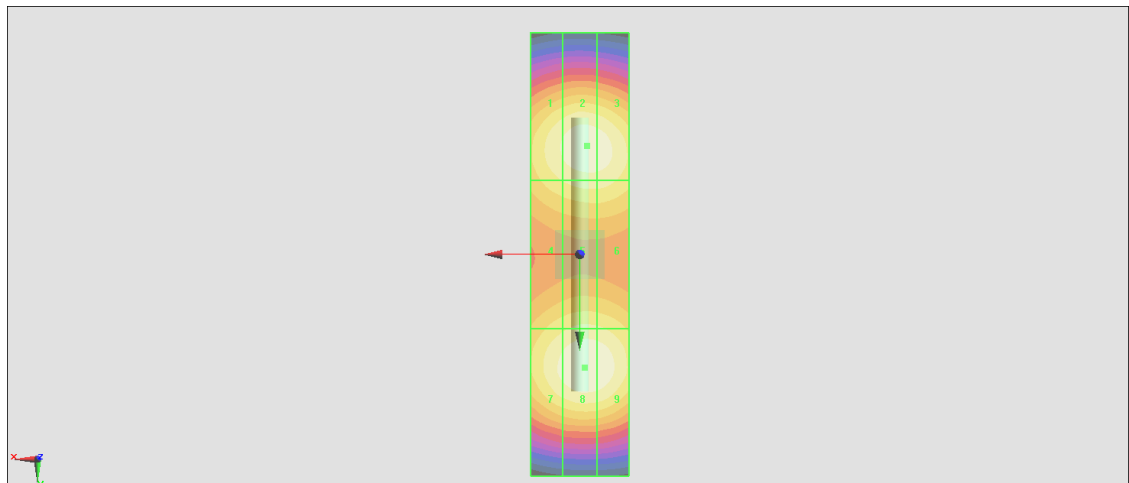
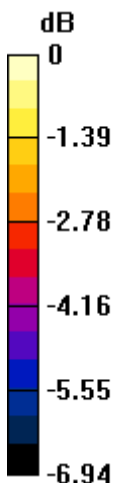
Grid 1 M3 83.62 V/m	Grid 2 M3 86.49 V/m	Grid 3 M3 85.92 V/m
Grid 4 M3 78.99 V/m	Grid 5 M3 81.21 V/m	Grid 6 M3 81.11 V/m
Grid 7 M3 84.45 V/m	Grid 8 M3 87.67 V/m	Grid 9 M3 87.03 V/m

Cursor:

Total = 87.67 V/m

E Category: M3

Location: -1, 23, 9.7 mm



0 dB = 87.67 V/m = 38.86 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: 2021/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn915; Calibrated: 2020/6/22

- 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 = 38.45 V/m; Power Drift = 0.10 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.56 V/m

Average value of Total=(87.56+86.66) / 2 = 87.11 V/m

PMF scaled E-field

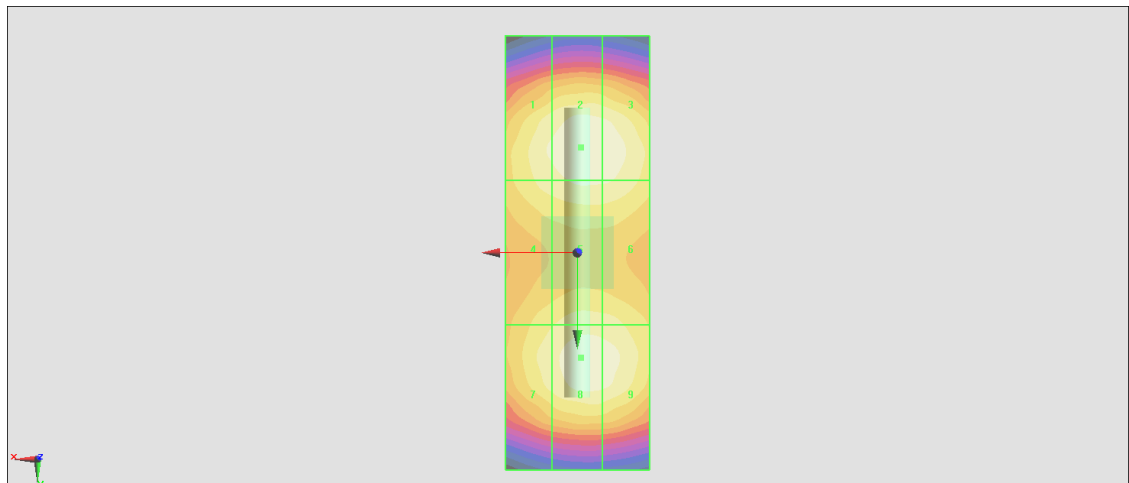
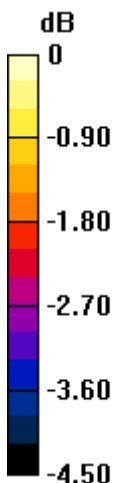
Grid 1 M3 85.09 V/m	Grid 2 M3 87.56 V/m	Grid 3 M3 87.00 V/m
Grid 4 M3 83.48 V/m	Grid 5 M3 85.16 V/m	Grid 6 M3 85.01 V/m
Grid 7 M3 83.89 V/m	Grid 8 M3 86.66 V/m	Grid 9 M3 86.12 V/m

Cursor:

Total = 87.56 V/m

E Category: M3

Location: -0.5, -14.5, 9.7 mm



0 dB = 87.56 V/m = 38.85 dBV/m