

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 = 141.8 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 119.3 V/m

Average value of Total=(118.6+119.3) / 2 = 118.95 V/m

PMF scaled E-field

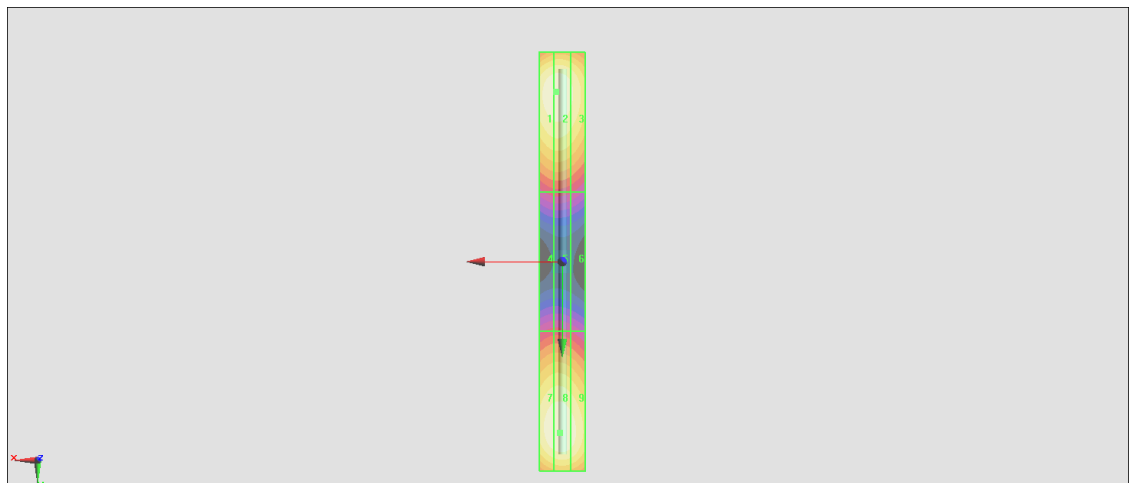
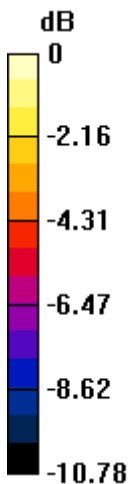
Grid 1 M4 117.9 V/m	Grid 2 M4 118.6 V/m	Grid 3 M4 112.2 V/m
Grid 4 M4 64.54 V/m	Grid 5 M4 64.69 V/m	Grid 6 M4 62.56 V/m
Grid 7 M4 117.9 V/m	Grid 8 M4 119.3 V/m	Grid 9 M4 115.0 V/m

Cursor:

Total = 119.3 V/m

E Category: M4

Location: 1, 73.5, 9.7 mm



0 dB = 119.3 V/m = 41.56 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 = 171.5 V/m; Power Drift = 0.08 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.16 V/m

Average value of Total=(91.17+92.16) / 2 = 91.665 V/m

PMF scaled E-field

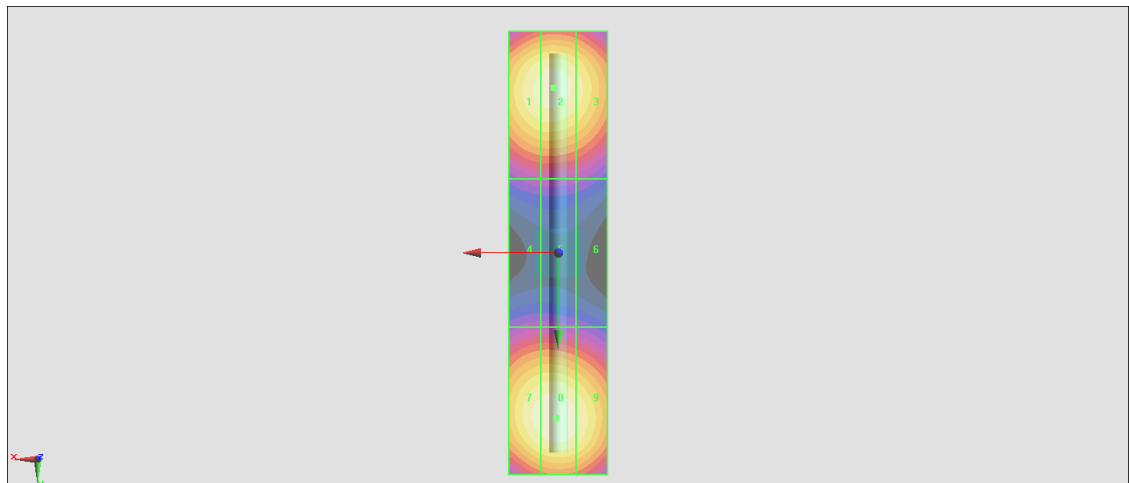
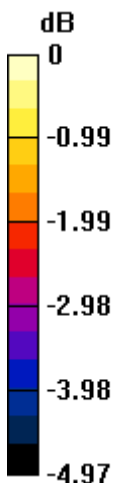
Grid 1 M3 90.36 V/m	Grid 2 M3 91.17 V/m	Grid 3 M3 87.82 V/m
Grid 4 M3 65.24 V/m	Grid 5 M3 65.36 V/m	Grid 6 M3 64.21 V/m
Grid 7 M3 90.98 V/m	Grid 8 M3 92.16 V/m	Grid 9 M3 89.67 V/m

Cursor:

Total = 92.16 V/m

E Category: M3

Location: 0.5, 33.5, 9.7 mm



0 dB = 92.16 V/m = 39.30 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 = 40.93 V/m; Power Drift = 0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.60 V/m

Average value of Total=(92.60+92.47) / 2 = 92.535 V/m

PMF scaled E-field

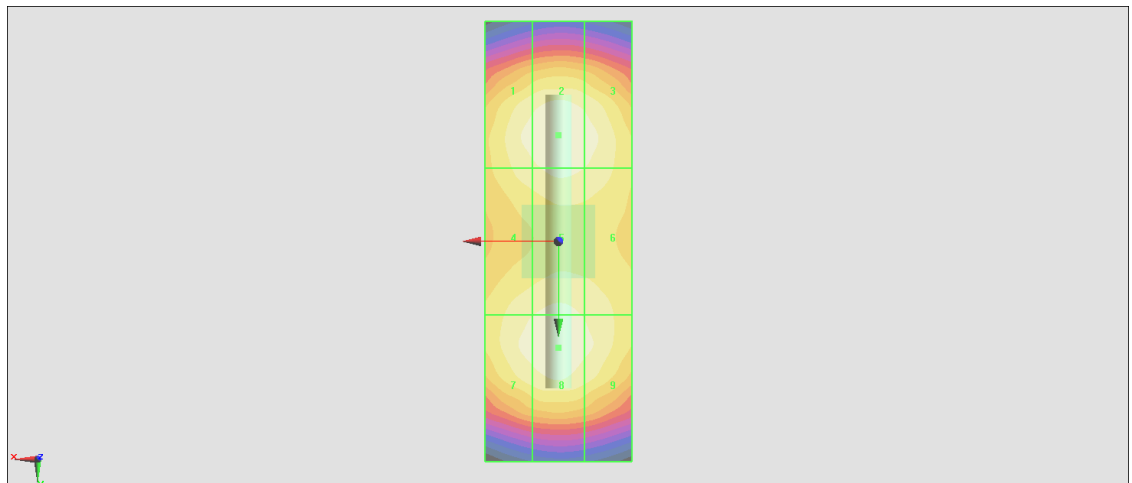
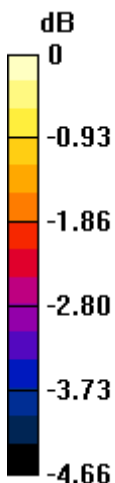
Grid 1 M3 90.71 V/m	Grid 2 M3 92.60 V/m	Grid 3 M3 90.94 V/m
Grid 4 M3 89.35 V/m	Grid 5 M3 90.53 V/m	Grid 6 M3 89.42 V/m
Grid 7 M3 90.80 V/m	Grid 8 M3 92.47 V/m	Grid 9 M3 90.20 V/m

Cursor:

Total = 92.60 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 92.60 V/m = 39.31 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: 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 CD5500 = 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 = 30.02 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.5 V/m

Average value of Total=(99.6+104.9) / 2 = 102.25 V/m

PMF scaled E-field

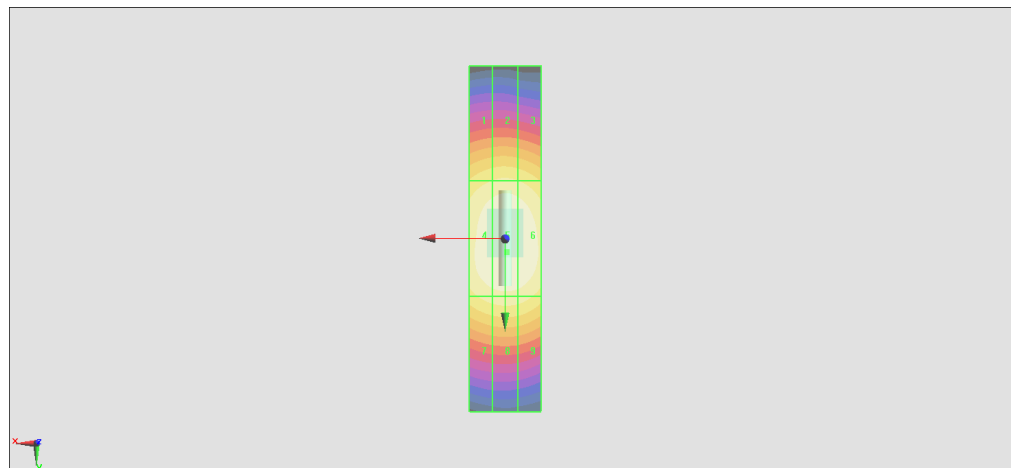
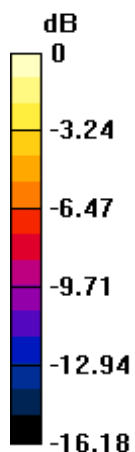
Grid 1 M3 97.54 V/m	Grid 2 M3 99.60 V/m	Grid 3 M3 97.53 V/m
Grid 4 M3 108.3 V/m	Grid 5 M3 111.5 V/m	Grid 6 M3 109.9 V/m
Grid 7 M3 103.1 V/m	Grid 8 M3 104.9 V/m	Grid 9 M3 103.5 V/m

Cursor:

Total = 111.5 V/m

E Category: M3

Location: -0.5, 3.5, 9.7 mm



0 dB = 111.5 V/m = 40.95 dBV/m