

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 Sn699; Calibrated: 2021/2/16

- 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 = 134.5 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 117.5 V/m

Average value of Total=(117.5+116.2) / 2 = 116.85 V/m

PMF scaled E-field

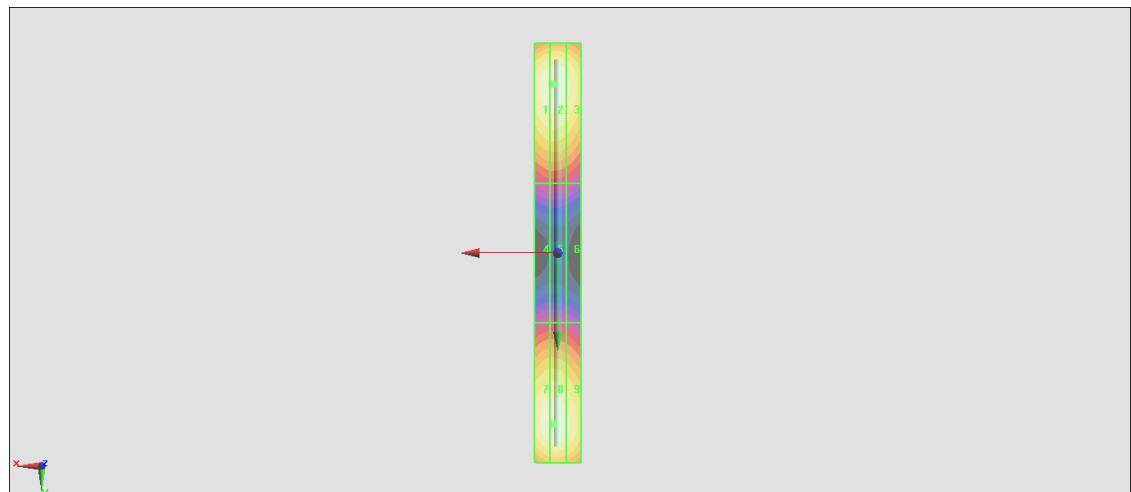
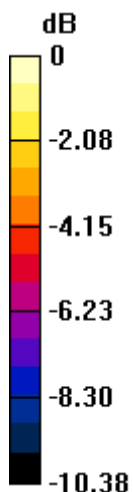
Grid 1 M4 116.7 V/m	Grid 2 M4 117.5 V/m	Grid 3 M4 112.3 V/m
Grid 4 M4 64.48 V/m	Grid 5 M4 64.61 V/m	Grid 6 M4 62.54 V/m
Grid 7 M4 115.5 V/m	Grid 8 M4 116.2 V/m	Grid 9 M4 111.7 V/m

Cursor:

Total = 117.5 V/m

E Category: M4

Location: 1.5, -72.5, 9.7 mm



0 dB = 117.5 V/m = 41.40 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 Sn699; Calibrated: 2021/2/16
- 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 = 166.9 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.64 V/m

Average value of Total=(87.04+90.64) / 2 = 88.84 V/m

PMF scaled E-field

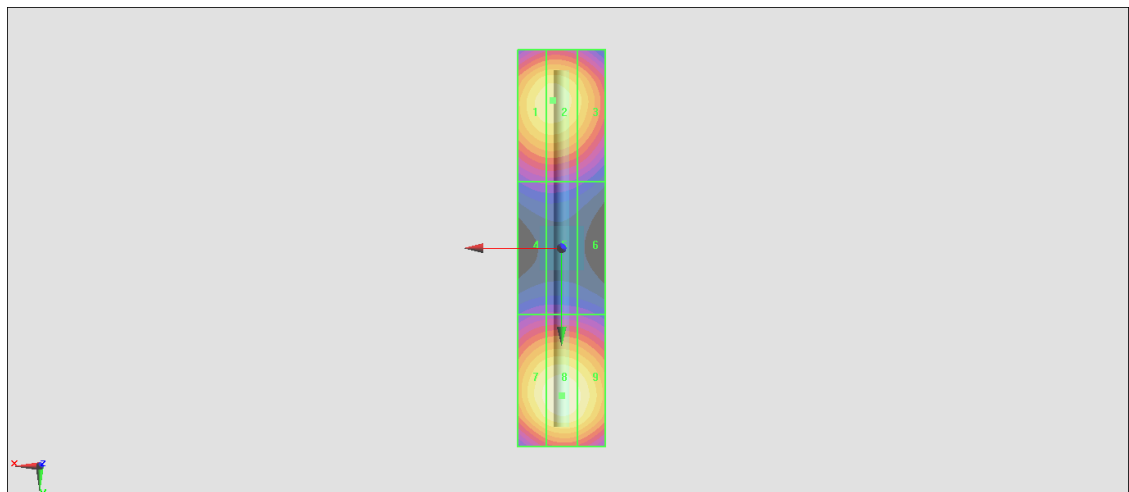
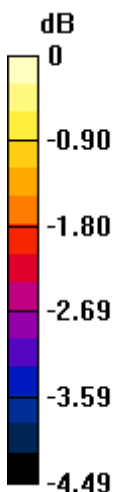
Grid 1 M3 86.85 V/m	Grid 2 M3 87.04 V/m	Grid 3 M3 83.32 V/m
Grid 4 M3 65.06 V/m	Grid 5 M3 65.13 V/m	Grid 6 M3 64.32 V/m
Grid 7 M3 88.76 V/m	Grid 8 M3 90.64 V/m	Grid 9 M3 88.61 V/m

Cursor:

Total = 90.64 V/m

E Category: M3

Location: 0, 33.5, 9.7 mm



0 dB = 90.64 V/m = 39.15 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: 2021/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn699; Calibrated: 2021/2/16

- 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 = 83.11 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.98 V/m

Average value of Total=(86.43+87.98) / 2 = 87.205 V/m

PMF scaled E-field

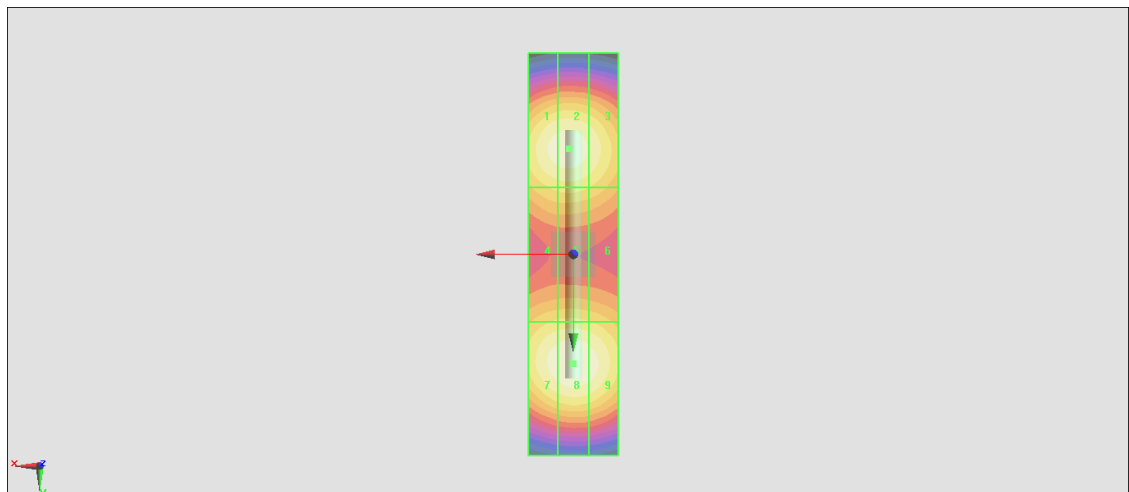
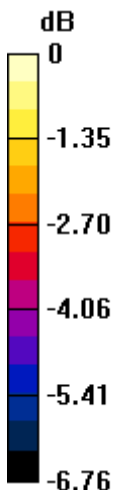
Grid 1 M3 85.74 V/m	Grid 2 M3 86.43 V/m	Grid 3 M3 83.18 V/m
Grid 4 M3 76.69 V/m	Grid 5 M3 77.43 V/m	Grid 6 M3 75.60 V/m
Grid 7 M3 86.31 V/m	Grid 8 M3 87.98 V/m	Grid 9 M3 86.08 V/m

Cursor:

Total = 87.98 V/m

E Category: M3

Location: 0, 24.5, 9.7 mm



0 dB = 87.98 V/m = 38.89 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 Sn699; Calibrated: 2021/2/16

- 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 = 39.74 V/m; Power Drift = 0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.13 V/m

Average value of Total=(88.3+92.13) / 2 = 90.215 V/m

PMF scaled E-field

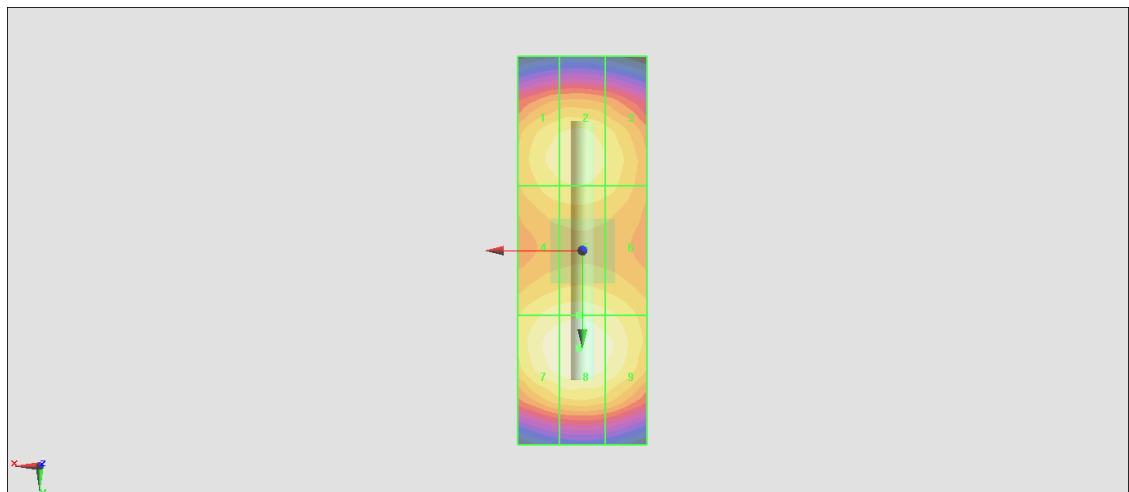
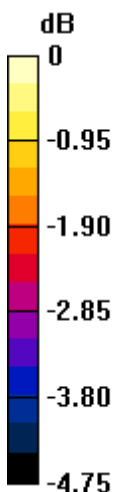
Grid 1 M3 87.29 V/m	Grid 2 M3 88.29 V/m	Grid 3 M3 85.86 V/m
Grid 4 M3 87.66 V/m	Grid 5 M3 88.39 V/m	Grid 6 M3 86.78 V/m
Grid 7 M3 91.22 V/m	Grid 8 M3 92.13 V/m	Grid 9 M3 89.86 V/m

Cursor:

Total = 92.13 V/m

E Category: M3

Location: 0.5, 15, 9.7 mm



0 dB = 92.13 V/m = 39.29 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 Sn699; Calibrated: 2021/2/16

- 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 = 28.11 V/m; Power Drift = -0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 113.9 V/m

Average value of Total=(90.17+96.94) / 2 = 93.555 V/m

PMF scaled E-field

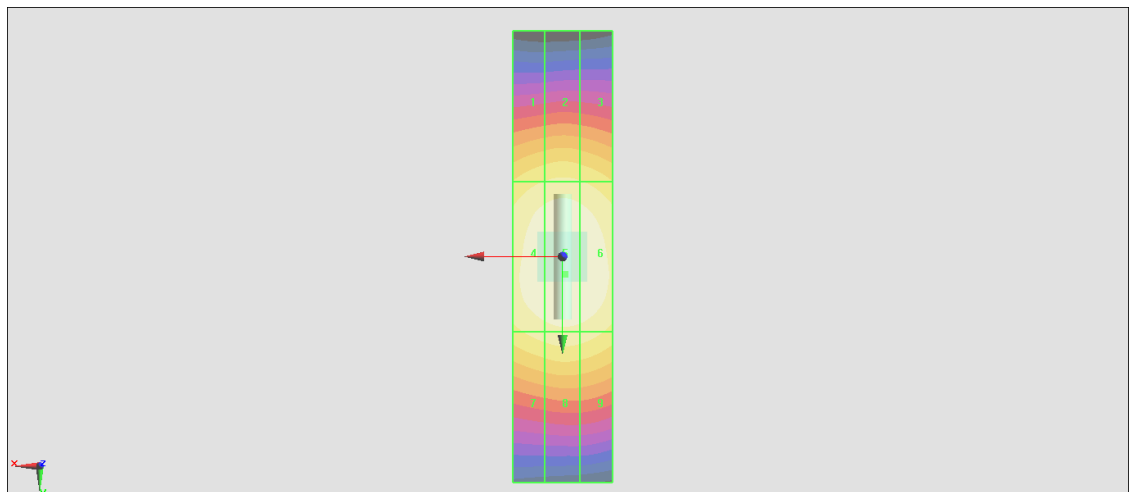
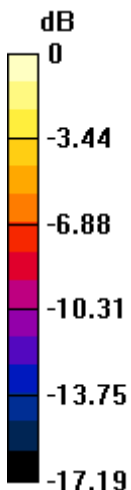
Grid 1 M3 87.85 V/m	Grid 2 M3 90.17 V/m	Grid 3 M3 88.08 V/m
Grid 4 M3 110.2 V/m	Grid 5 M2 113.9 V/m	Grid 6 M3 112.2 V/m
Grid 7 M3 94.23 V/m	Grid 8 M3 96.94 V/m	Grid 9 M3 95.21 V/m

Cursor:

Total = 113.9 V/m

E Category: M2

Location: -0.5, 3.5, 9.7 mm



0 dB = 113.9 V/m = 41.13 dBV/m