

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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid:

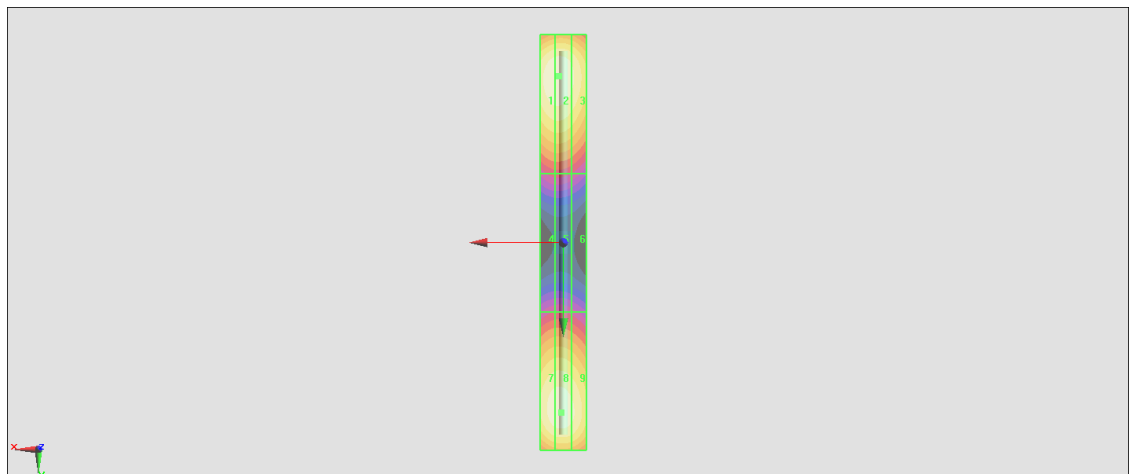
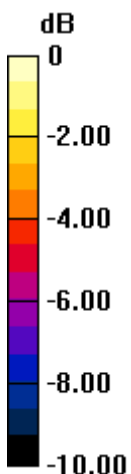
$dx=0.5000$ mm, $dy=0.5000$ mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 126.6 V/m; Power Drift = -0.10 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 110.2 V/m
 Average value of Total= $(110.2+107.9) / 2 = 109.05$ V/m

PMF scaled E-field

Grid 1 M4 109.7 V/m	Grid 2 M4 110.2 V/m	Grid 3 M4 104.6 V/m
Grid 4 M4 62.33 V/m	Grid 5 M4 62.44 V/m	Grid 6 M4 59.98 V/m
Grid 7 M4 107.2 V/m	Grid 8 M4 107.9 V/m	Grid 9 M4 104.4 V/m

Cursor:

Total = 110.2 V/m
 E Category: M4
 Location: 2, -72, 9.7 mm



0 dB = 110.2 V/m = 40.84 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2020/7/21

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 152.7 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.42 V/m

Average value of Total=(86.42+85.7) / 2 = 86.06 V/m

PMF scaled E-field

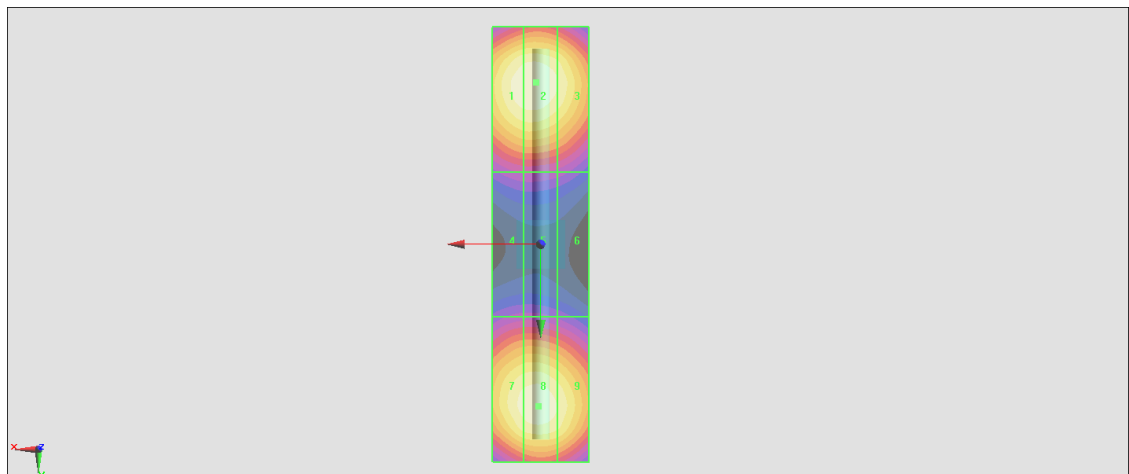
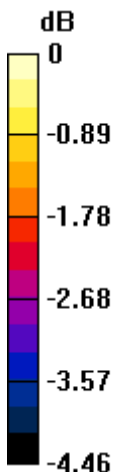
Grid 1 M3 86.06 V/m	Grid 2 M3 86.42 V/m	Grid 3 M3 83.65 V/m
Grid 4 M3 64.04 V/m	Grid 5 M3 64.11 V/m	Grid 6 M4 62.88 V/m
Grid 7 M3 84.75 V/m	Grid 8 M3 85.70 V/m	Grid 9 M3 83.42 V/m

Cursor:

Total = 86.42 V/m

E Category: M3

Location: 1, -33.5, 9.7 mm



0 dB = 86.42 V/m = 38.73 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 79.98 V/m; Power Drift = 0.01 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 85.51 V/m
 Average value of Total=(84.93+85.51) / 2 = 85.22 V/m

PMF scaled E-field

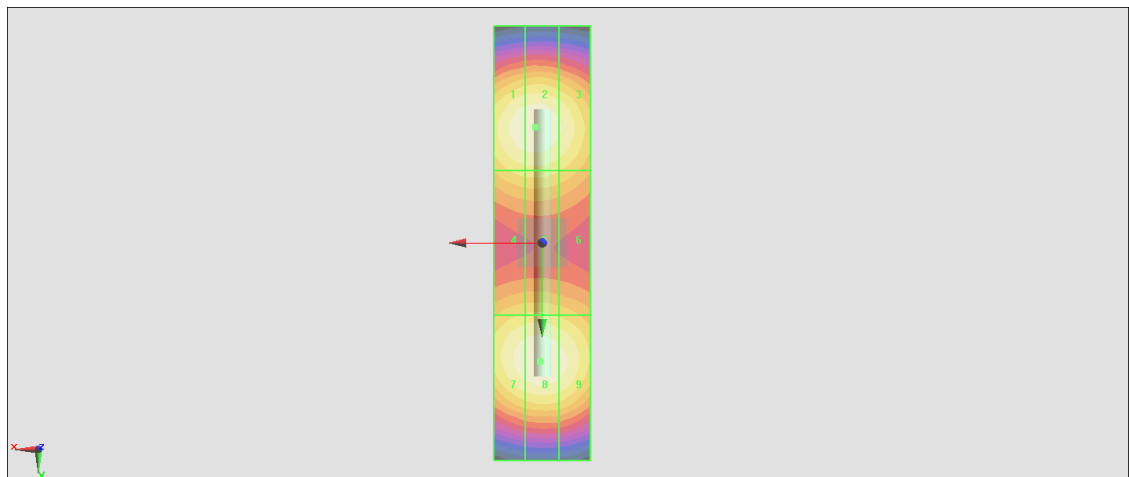
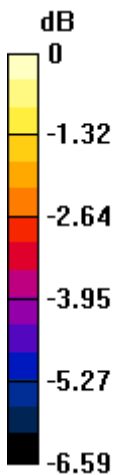
Grid 1 M3 84.58 V/m	Grid 2 M3 84.93 V/m	Grid 3 M3 81.92 V/m
Grid 4 M3 75.61 V/m	Grid 5 M3 75.88 V/m	Grid 6 M3 73.84 V/m
Grid 7 M3 84.18 V/m	Grid 8 M3 85.51 V/m	Grid 9 M3 83.31 V/m

Cursor:

Total = 85.51 V/m

E Category: M3

Location: 0.5, 24.5, 9.7 mm



0 dB = 85.51 V/m = 38.64 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 69.59 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.64 V/m

Average value of Total=(86.33+87.64) / 2 = 86.985 V/m

PMF scaled E-field

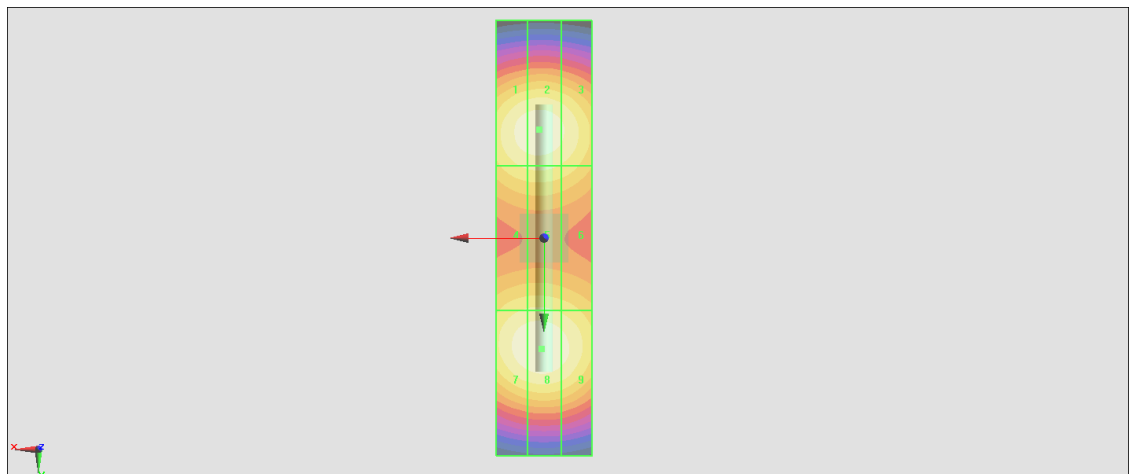
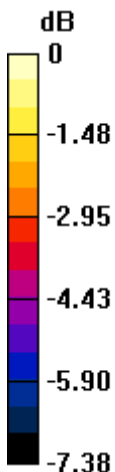
Grid 1 M3 85.58 V/m	Grid 2 M3 86.33 V/m	Grid 3 M3 83.67 V/m
Grid 4 M3 79.33 V/m	Grid 5 M3 79.86 V/m	Grid 6 M3 77.93 V/m
Grid 7 M3 86.51 V/m	Grid 8 M3 87.64 V/m	Grid 9 M3 85.10 V/m

Cursor:

Total = 87.64 V/m

E Category: M3

Location: 0.5, 23, 9.7 mm



0 dB = 87.64 V/m = 38.85 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2020/7/21

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 29.82 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.9 V/m

Average value of Total=(89.28+94.53) / 2 = 91.905 V/m

PMF scaled E-field

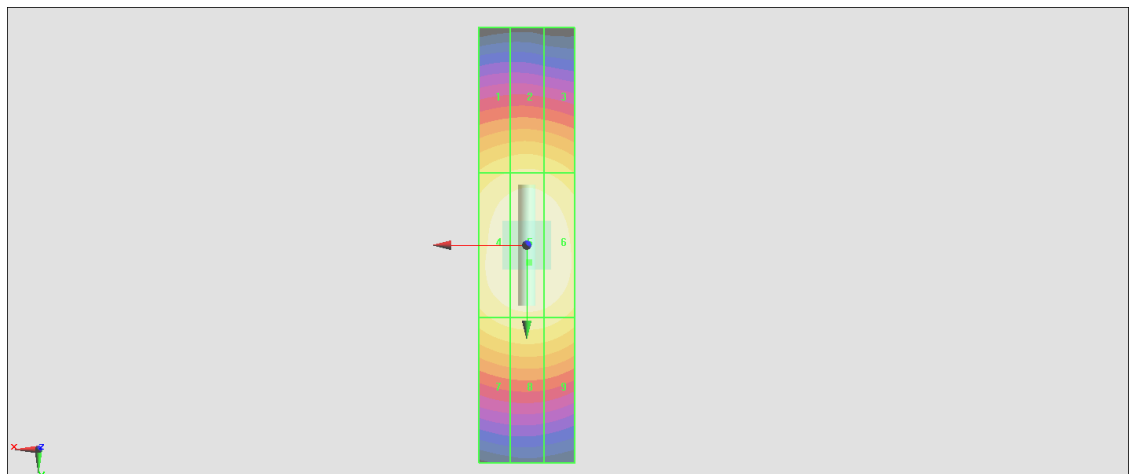
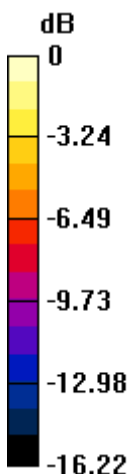
Grid 1 M3 87.21 V/m	Grid 2 M3 89.28 V/m	Grid 3 M3 87.21 V/m
Grid 4 M3 107.8 V/m	Grid 5 M3 110.9 V/m	Grid 6 M3 109.3 V/m
Grid 7 M3 92.69 V/m	Grid 8 M3 94.53 V/m	Grid 9 M3 93.17 V/m

Cursor:

Total = 110.9 V/m

E Category: M3

Location: -0.5, 3.5, 9.7 mm



0 dB = 110.9 V/m = 40.90 dBV/m