

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: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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 = 131.1 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 114.1 V/m

Average value of Total=(114.1+112.2) / 2 = 113.15 V/m

PMF scaled E-field

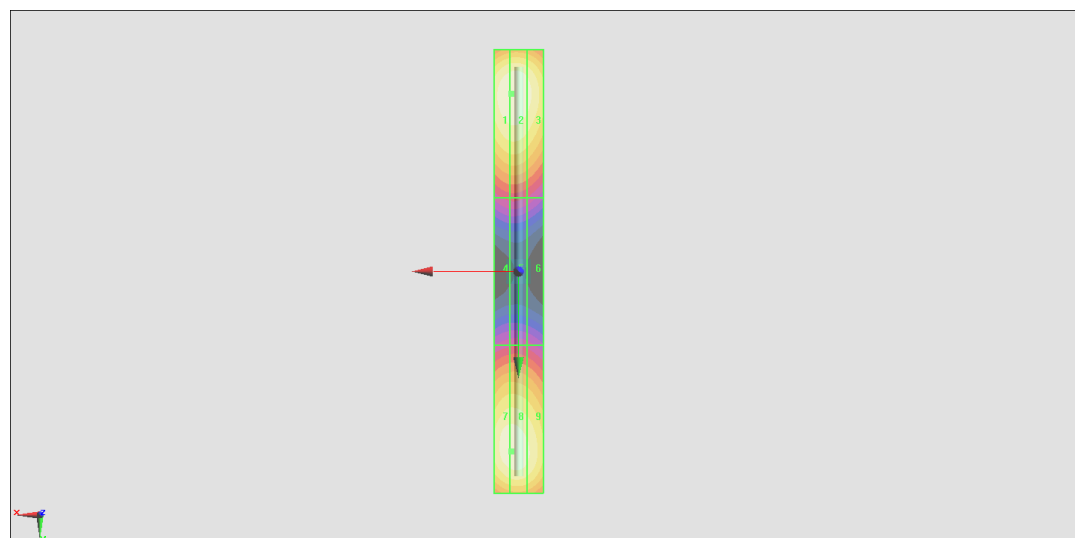
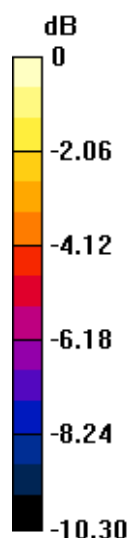
Grid 1 M4 113.5 V/m	Grid 2 M4 114.1 V/m	Grid 3 M4 108.9 V/m
Grid 4 M4 62.47 V/m	Grid 5 M4 63.05 V/m	Grid 6 M4 60.22 V/m
Grid 7 M4 112.1 V/m	Grid 8 M4 112.2 V/m	Grid 9 M4 108.4 V/m

Cursor:

Total = 114.1 V/m

E Category: M4

Location: 3, -72, 9.7 mm



0 dB = 114.1 V/m = 41.15 dBV/m

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: 2019/1/30

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2018/6/14

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

- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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 = 124.7 V/m; Power Drift = -0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.0 V/m

Average value of Total=(110+106.9) / 2 = 108.45 V/m

PMF scaled E-field

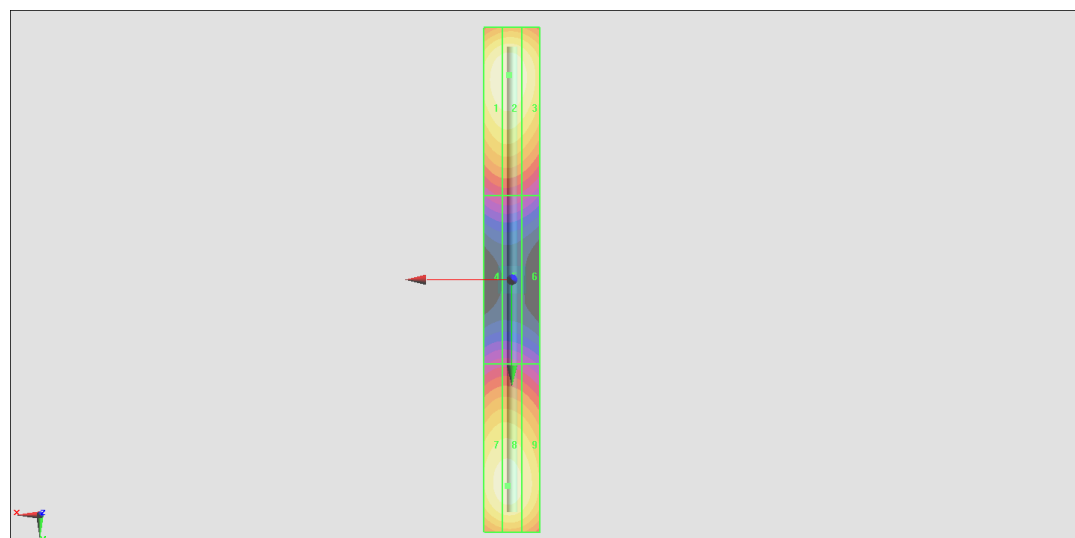
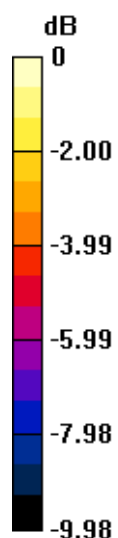
Grid 1 M4 109.1 V/m	Grid 2 M4 110.0 V/m	Grid 3 M4 105.6 V/m
Grid 4 M4 60.26 V/m	Grid 5 M4 60.47 V/m	Grid 6 M4 58.12 V/m
Grid 7 M4 106.3 V/m	Grid 8 M4 106.9 V/m	Grid 9 M4 102.4 V/m

Cursor:

Total = 110.0 V/m

E Category: M4

Location: 1, -73, 9.7 mm



0 dB = 110.0 V/m = 40.83 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: 2019/1/30

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2018/6/14

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

- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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 = 162.8 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.33 V/m

Average value of Total=(91.33+90.07) / 2 = 90.7 V/m

PMF scaled E-field

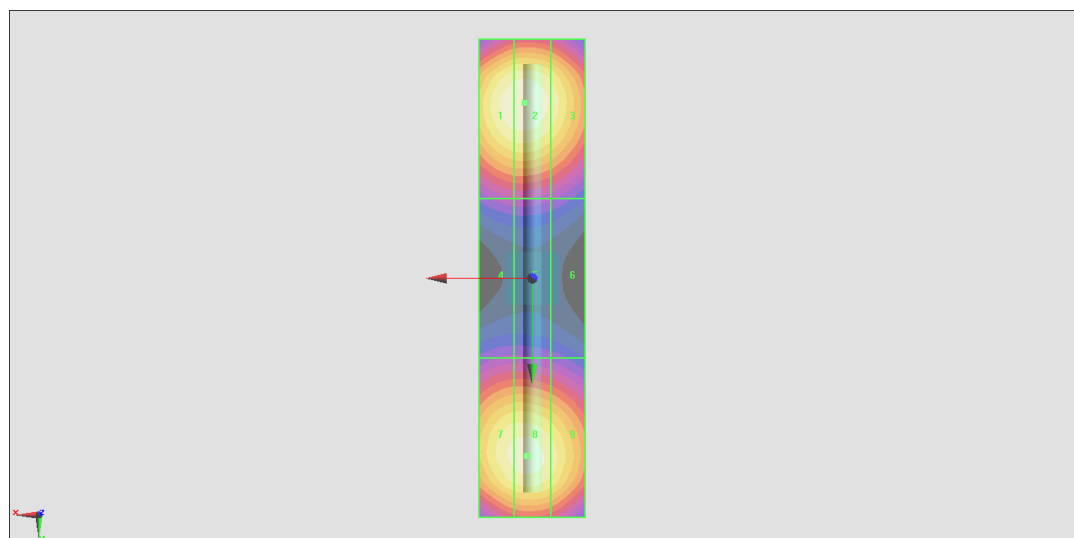
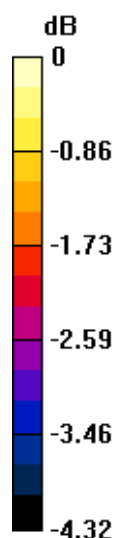
Grid 1 M3 91.12 V/m	Grid 2 M3 91.33 V/m	Grid 3 M3 87.73 V/m
Grid 4 M3 67.52 V/m	Grid 5 M3 67.62 V/m	Grid 6 M3 66.33 V/m
Grid 7 M3 89.32 V/m	Grid 8 M3 90.07 V/m	Grid 9 M3 87.84 V/m

Cursor:

Total = 91.33 V/m

E Category: M3

Location: 1.5, -33, 9.7 mm



0 dB = 91.33 V/m = 39.21 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: 2019/1/30

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2018/6/14

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

- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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 = 159.1 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.21 V/m

Average value of Total=(87.61+88.21) / 2 = 87.91 V/m

PMF scaled E-field

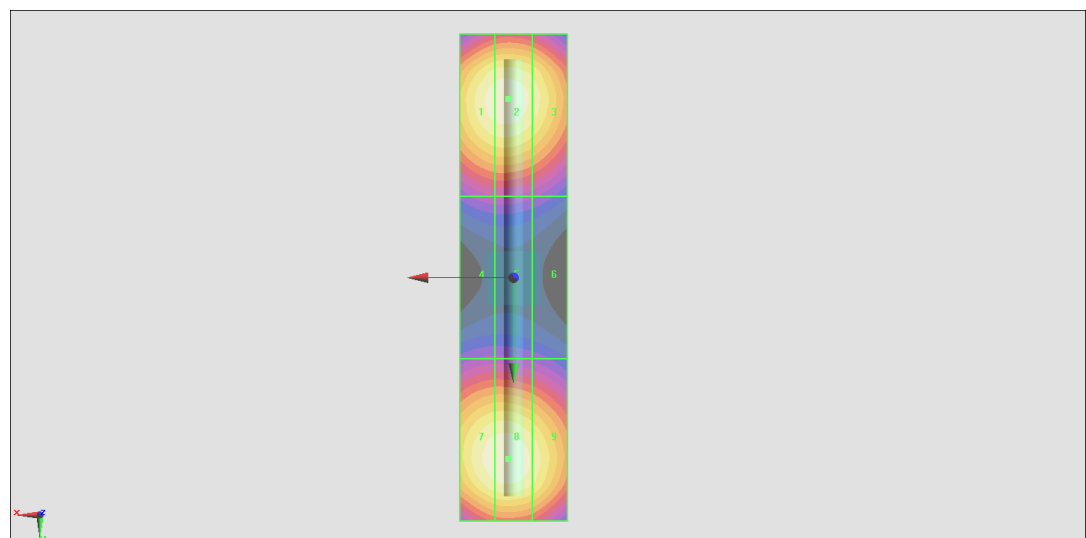
Grid 1 M3 87.04 V/m	Grid 2 M3 87.61 V/m	Grid 3 M3 84.52 V/m
Grid 4 M3 65.21 V/m	Grid 5 M3 65.27 V/m	Grid 6 M3 63.76 V/m
Grid 7 M3 87.62 V/m	Grid 8 M3 88.21 V/m	Grid 9 M3 84.83 V/m

Cursor:

Total = 88.21 V/m

E Category: M3

Location: 1, 33.5, 9.7 mm



0 dB = 88.21 V/m = 38.91 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: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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 = 82.44 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.63 V/m

Average value of Total=(91.23+92.63) / 2 = 91.93 V/m

PMF scaled E-field

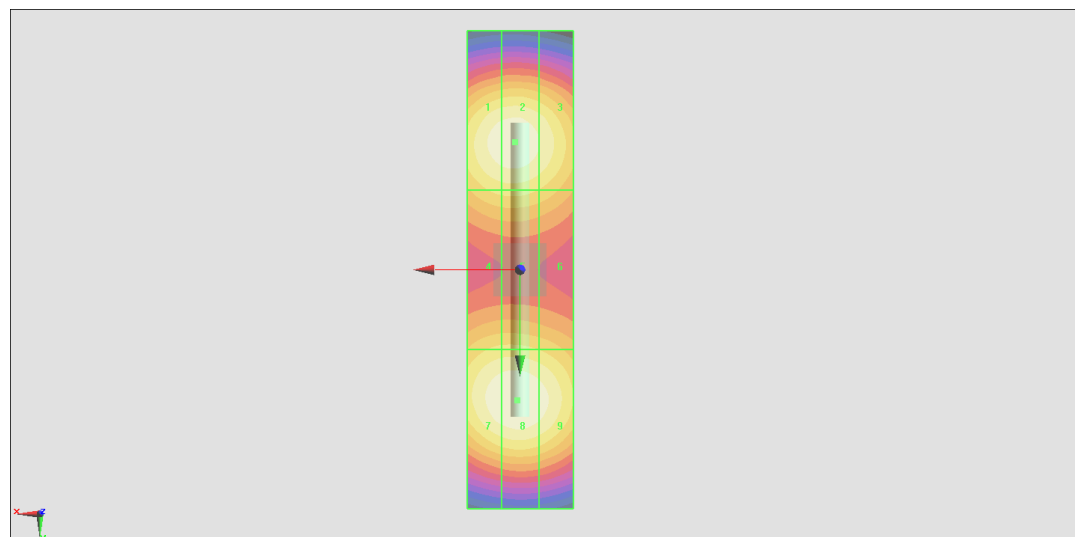
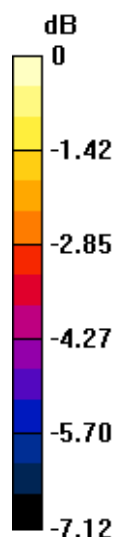
Grid 1 M3 90.55 V/m	Grid 2 M3 91.23 V/m	Grid 3 M3 89.03 V/m
Grid 4 M3 80.51 V/m	Grid 5 M3 80.85 V/m	Grid 6 M3 78.81 V/m
Grid 7 M3 91.57 V/m	Grid 8 M3 92.63 V/m	Grid 9 M3 90.24 V/m

Cursor:

Total = 92.63 V/m

E Category: M3

Location: 0.5, 24.5, 8.7 mm



0 dB = 92.63 V/m = 39.34 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: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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 = 74.04 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=(89.23+89.47) / 2 = 89.35 V/m

PMF scaled E-field

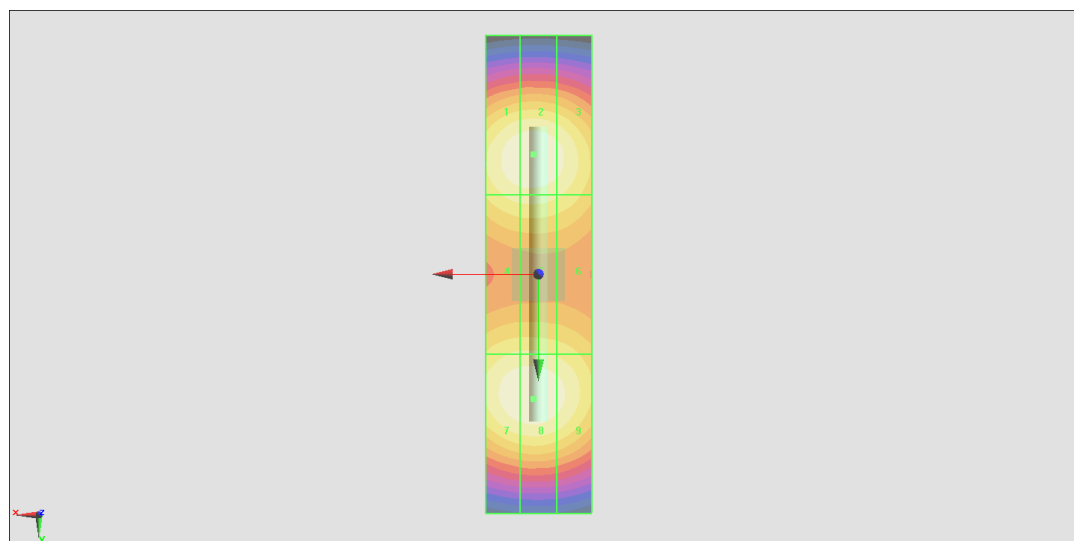
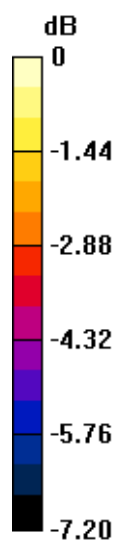
Grid 1 M3 88.51 V/m	Grid 2 M3 89.23 V/m	Grid 3 M3 86.41 V/m
Grid 4 M3 82.56 V/m	Grid 5 M3 83.01 V/m	Grid 6 M3 81.01 V/m
Grid 7 M3 88.73 V/m	Grid 8 M3 89.47 V/m	Grid 9 M3 86.55 V/m

Cursor:

Total = 89.47 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 89.47 V/m = 39.03 dBV/m