

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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- 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 = 124.6 V/m; Power Drift = -0.08 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.3 V/m

Average value of Total= (109.3+106.2) / 2 = 107.75 V/m

PMF scaled E-field

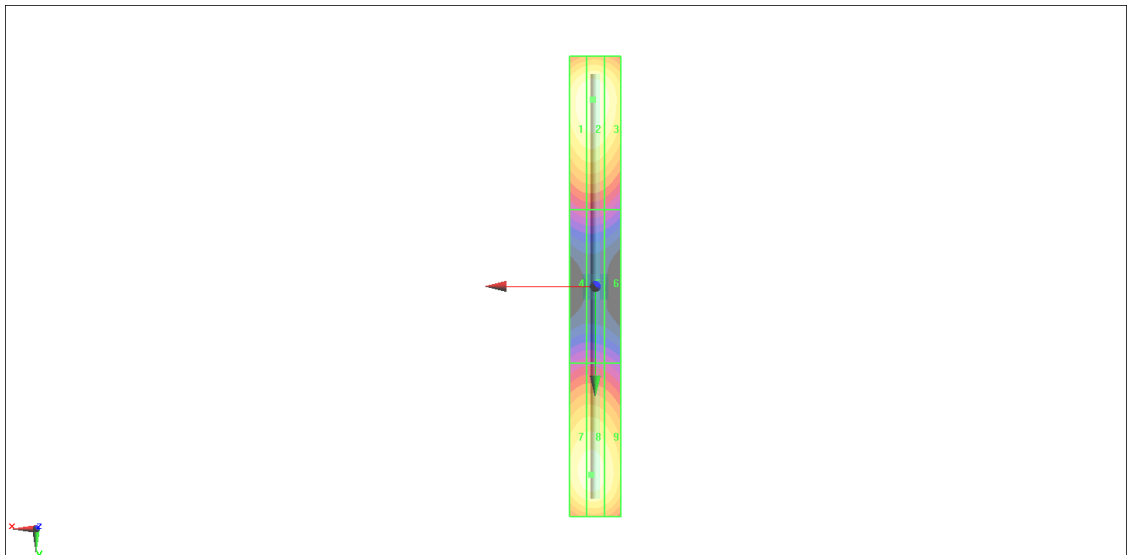
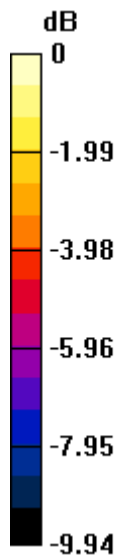
Grid 1 M4 108.2 V/m	Grid 2 M4 109.3 V/m	Grid 3 M4 105.0 V/m
Grid 4 M4 59.86 V/m	Grid 5 M4 60.05 V/m	Grid 6 M4 57.74 V/m
Grid 7 M4 105.6 V/m	Grid 8 M4 106.2 V/m	Grid 9 M4 101.8 V/m

Cursor:

Total = 109.3 V/m

E Category: M4

Location: 1, -73, 9.7 mm



0 dB = 109.3 V/m = 40.77 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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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)

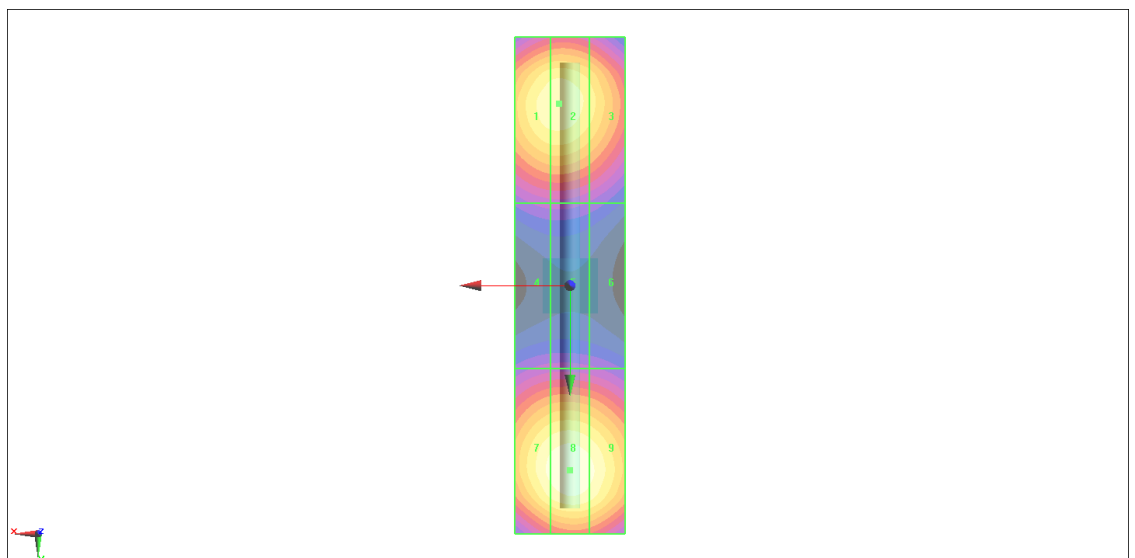
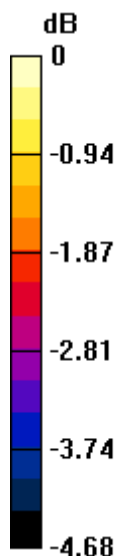
E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 166.5 V/m; Power Drift = 0.03 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 90.67 V/m
Average value of Total= (87.11+90.67) / 2 = 88.89 V/m

PMF scaled E-field

Grid 1 M3 86.78 V/m	Grid 2 M3 87.11 V/m	Grid 3 M3 83.23 V/m
Grid 4 M3 64.82 V/m	Grid 5 M3 64.94 V/m	Grid 6 M3 64.12 V/m
Grid 7 M3 88.60 V/m	Grid 8 M3 90.67 V/m	Grid 9 M3 88.58 V/m

Cursor:
 Total = 90.67 V/m
 E Category: M3
 Location: 0, 33.5, 9.7 mm



0 dB = 90.67 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- 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 = 79.79 V/m; Power Drift = 0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.30 V/m

Average value of Total=(84.72+85.3) / 2 = 85.01 V/m

PMF scaled E-field

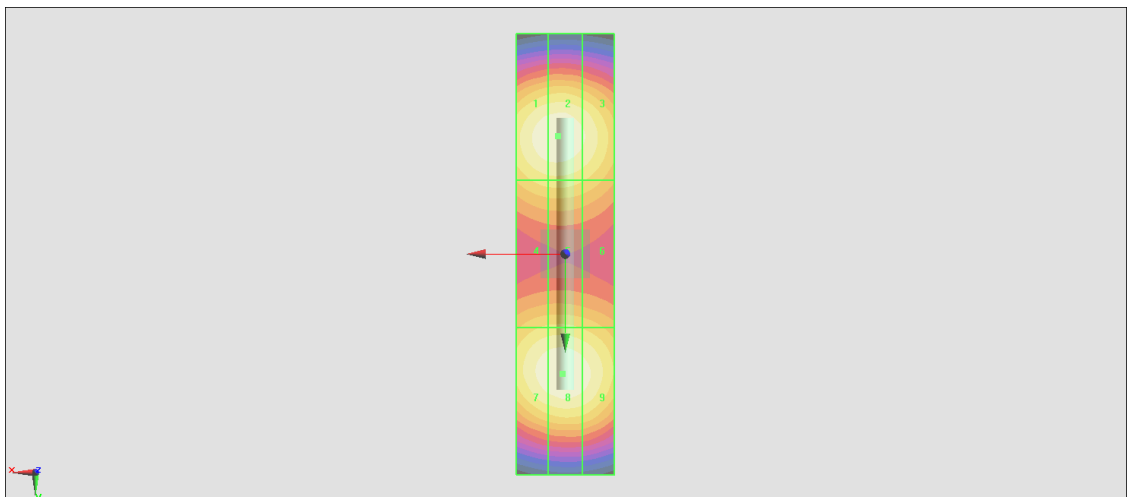
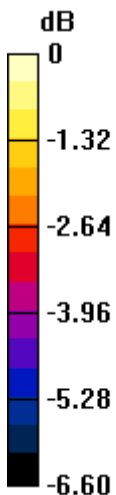
Grid 1 M3 84.38 V/m	Grid 2 M3 84.72 V/m	Grid 3 M3 81.73 V/m
Grid 4 M3 75.45 V/m	Grid 5 M3 75.70 V/m	Grid 6 M3 73.68 V/m
Grid 7 M3 83.99 V/m	Grid 8 M3 85.30 V/m	Grid 9 M3 83.12 V/m

Cursor:

Total = 85.30 V/m

E Category: M3

Location: 0.5, 24.5, 9.7 mm



0 dB = 85.30 V/m = 38.62 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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 73.97 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.46 V/m

Average value of Total= (87.91+90.46) / 2 = 89.185 V/m

PMF scaled E-field

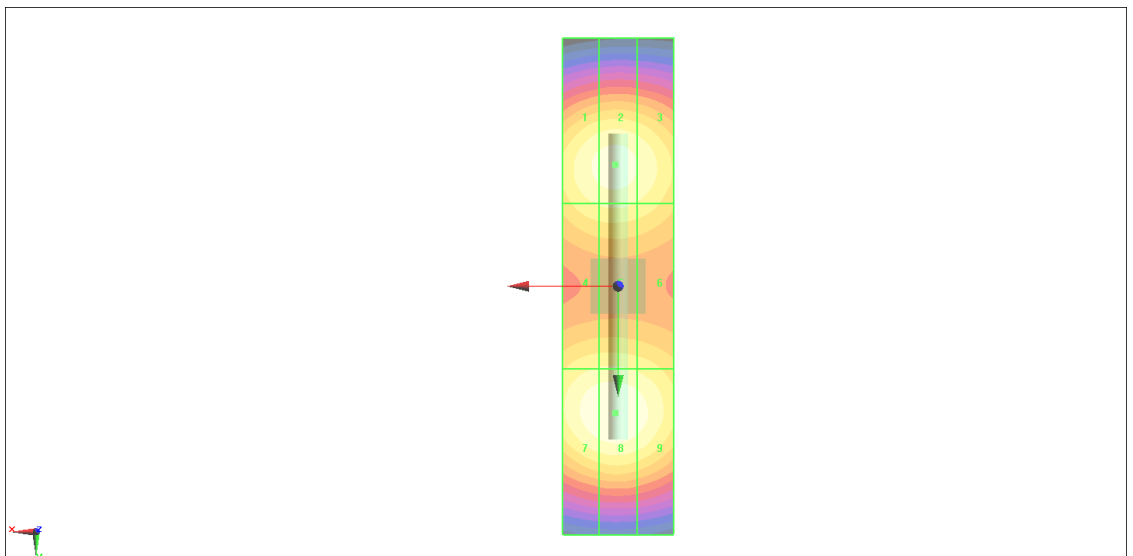
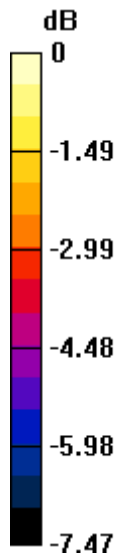
Grid 1 M3 86.68 V/m	Grid 2 M3 87.91 V/m	Grid 3 M3 85.65 V/m
Grid 4 M3 81.34 V/m	Grid 5 M3 82.06 V/m	Grid 6 M3 80.32 V/m
Grid 7 M3 89.49 V/m	Grid 8 M3 90.46 V/m	Grid 9 M3 87.85 V/m

Cursor:

Total = 90.46 V/m

E Category: M3

Location: 0.5, 23, 9.7 mm



0 dB = 90.46 V/m = 39.13 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 Sn577; Calibrated: 2019/9/17

- 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 = 31.25 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.9 V/m

Average value of Total=(95.52+97.71) / 2 = 96.615 V/m

PMF scaled E-field

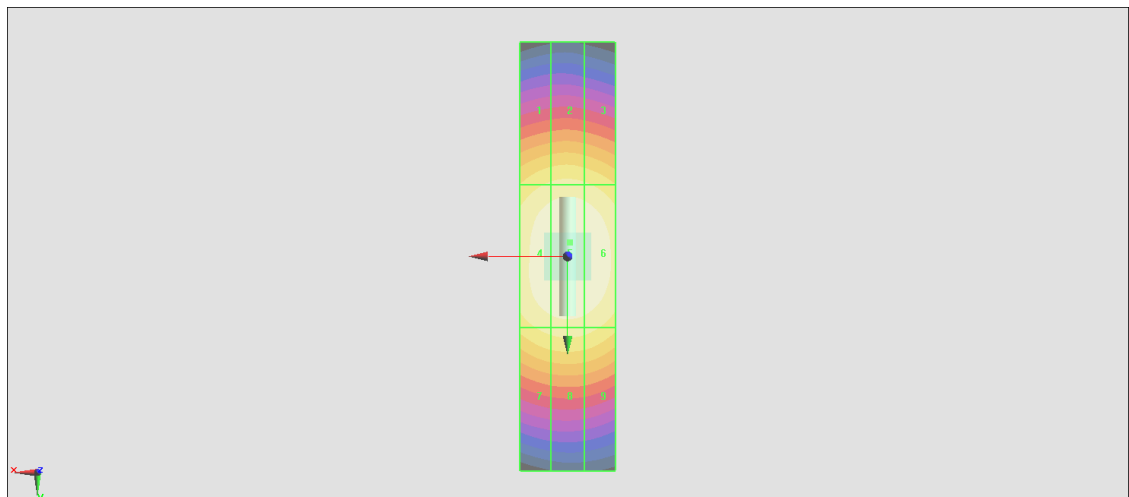
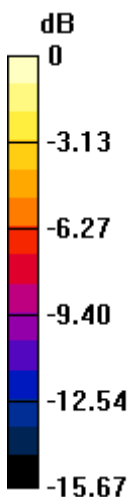
Grid 1 M3 93.48 V/m	Grid 2 M3 95.52 V/m	Grid 3 M3 93.50 V/m
Grid 4 M3 112.1 V/m	Grid 5 M2 115.9 V/m	Grid 6 M2 114.0 V/m
Grid 7 M3 95.82 V/m	Grid 8 M3 97.71 V/m	Grid 9 M3 95.93 V/m

Cursor:

Total = 115.9 V/m

E Category: M2

Location: -0.5, -3, 9.7 mm



0 dB = 115.9 V/m = 41.28 dBV/m