

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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 131.8 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.9 V/m

Average value of Total=(109.6+110.9) / 2 = 110.25 V/m

PMF scaled E-field

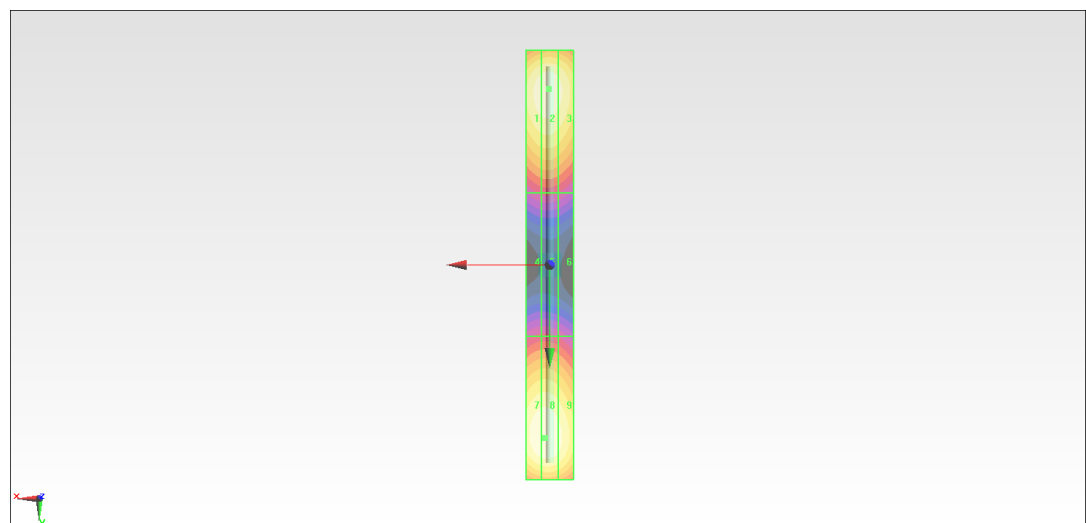
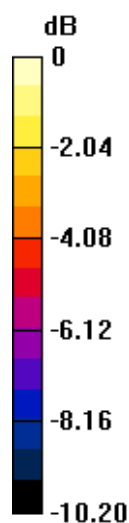
Grid 1 M4 108.1 V/m	Grid 2 M4 109.6 V/m	Grid 3 M4 105.8 V/m
Grid 4 M4 61.34 V/m	Grid 5 M4 61.42 V/m	Grid 6 M4 59.14 V/m
Grid 7 M4 110.5 V/m	Grid 8 M4 110.9 V/m	Grid 9 M4 106.1 V/m

Cursor:

Total = 110.9 V/m

E Category: M4

Location: 2, 72.5, 9.7 mm



0 dB = 110.9 V/m = 40.90 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 149.4 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.38 V/m

Average value of Total=(85.38+84.51) / 2 = 84.95 V/m

PMF scaled E-field

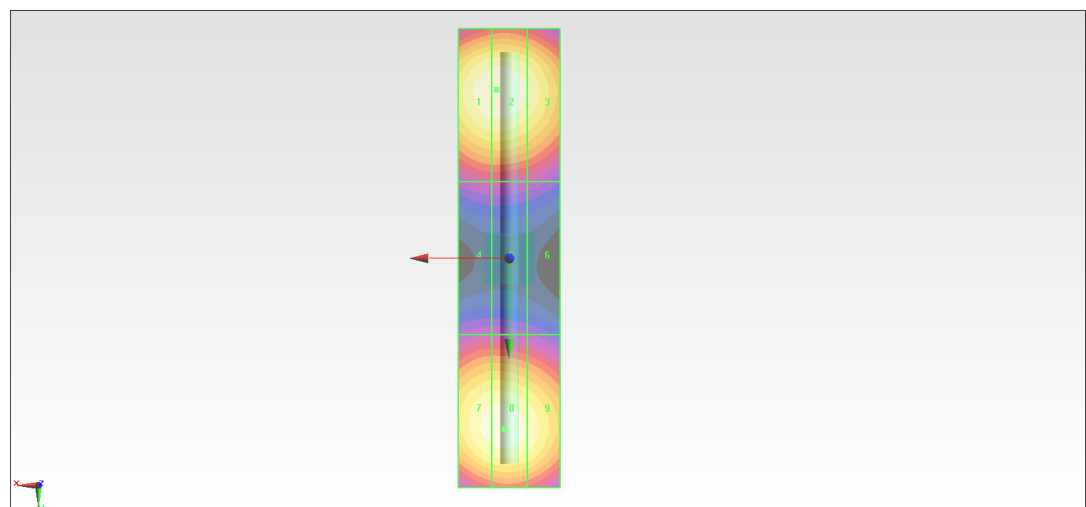
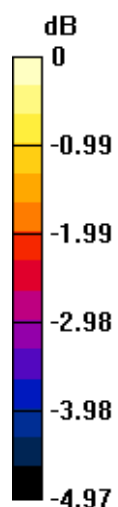
Grid 1 M3 85.26 V/m	Grid 2 M3 85.38 V/m	Grid 3 M3 82.50 V/m
Grid 4 M4 62.15 V/m	Grid 5 M4 62.18 V/m	Grid 6 M4 60.91 V/m
Grid 7 M3 84.03 V/m	Grid 8 M3 84.51 V/m	Grid 9 M3 82.16 V/m

Cursor:

Total = 85.38 V/m

E Category: M3

Location: 2.5, -33, 9.7 mm



0 dB = 85.38 V/m = 38.63 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 80.59 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.70 V/m

Average value of Total=(87.42+88.7) / 2 = 88.06 V/m

PMF scaled E-field

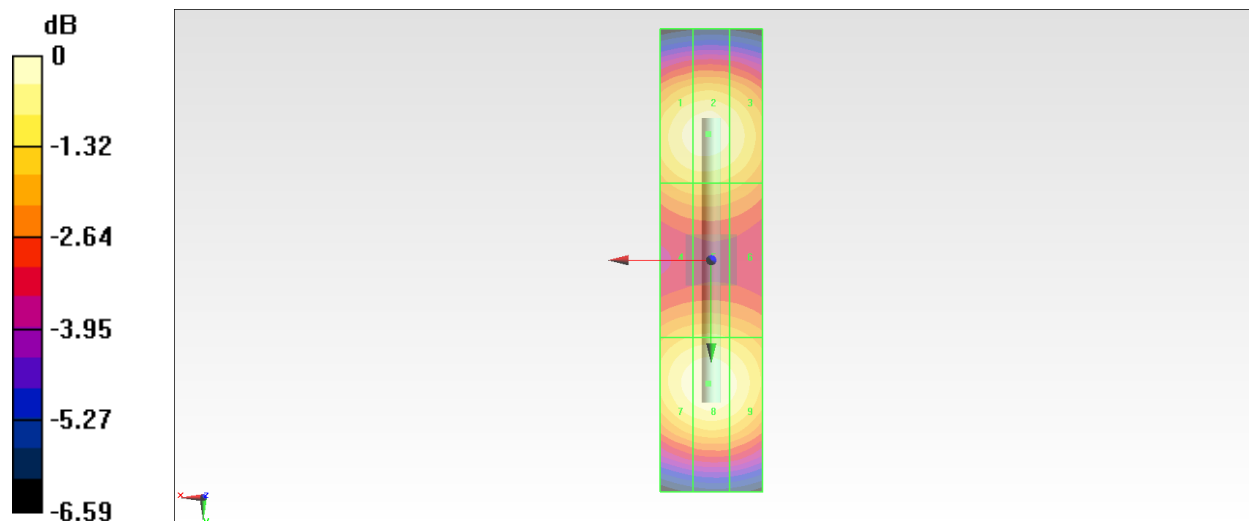
Grid 1 M3 86.47 V/m	Grid 2 M3 87.42 V/m	Grid 3 M3 84.62 V/m
Grid 4 M3 76.92 V/m	Grid 5 M3 77.62 V/m	Grid 6 M3 76.03 V/m
Grid 7 M3 87.12 V/m	Grid 8 M3 88.70 V/m	Grid 9 M3 86.22 V/m

Cursor:

Total = 88.70 V/m

E Category: M3

Location: 0.5, 24, 9.7 mm



0 dB = 88.70 V/m = 38.96 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 38.70 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.99 V/m

Average value of Total=(88.99+88.85) / 2 = 88.92 V/m

PMF scaled E-field

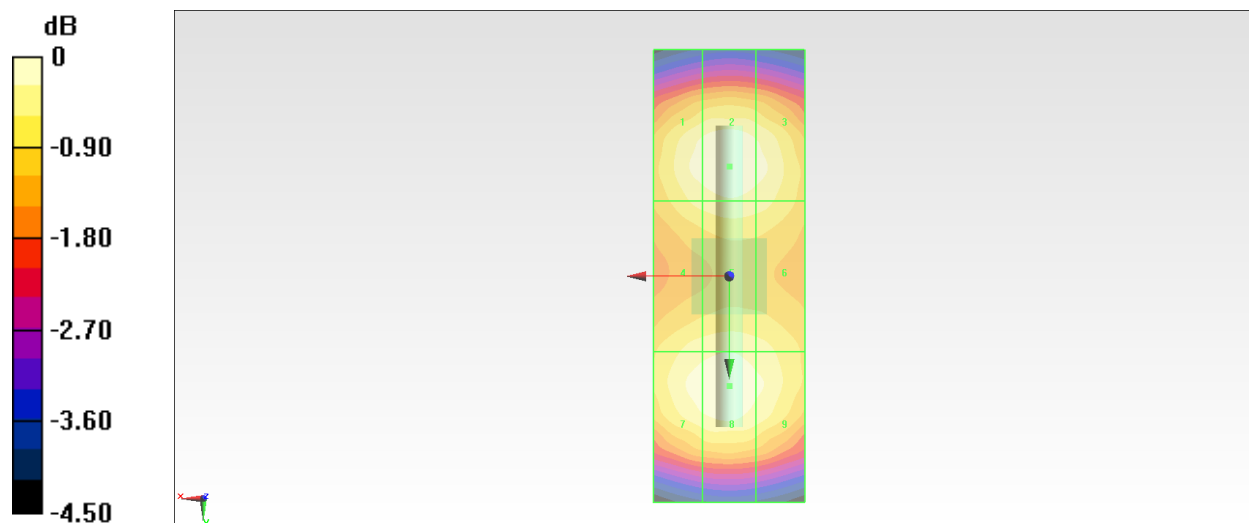
Grid 1 M3 87.46 V/m	Grid 2 M3 88.99 V/m	Grid 3 M3 87.21 V/m
Grid 4 M3 85.09 V/m	Grid 5 M3 85.96 V/m	Grid 6 M3 84.69 V/m
Grid 7 M3 87.62 V/m	Grid 8 M3 88.85 V/m	Grid 9 M3 86.66 V/m

Cursor:

Total = 88.99 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 88.99 V/m = 38.99 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 28.74 V/m; Power Drift = 0.13 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.3 V/m

Average value of Total=(91.46+93.94) / 2 = 92.7 V/m

PMF scaled E-field

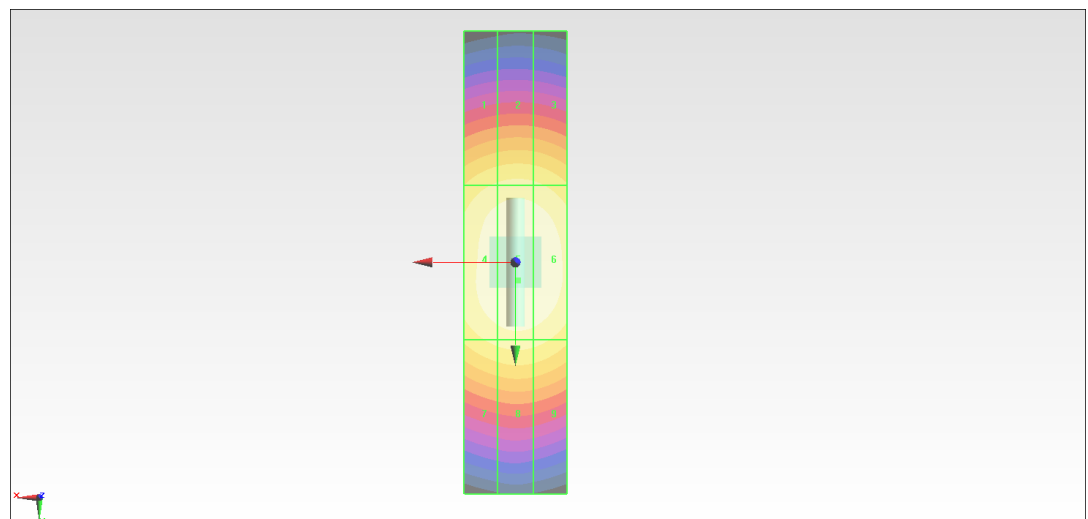
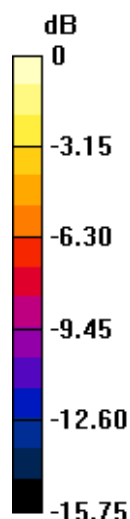
Grid 1 M3 89.21 V/m	Grid 2 M3 91.46 V/m	Grid 3 M3 90.01 V/m
Grid 4 M3 107.3 V/m	Grid 5 M3 111.3 V/m	Grid 6 M3 109.9 V/m
Grid 7 M3 91.44 V/m	Grid 8 M3 93.94 V/m	Grid 9 M3 92.20 V/m

Cursor:

Total = 111.3 V/m

E Category: M3

Location: -0.5, 3.5, 9.7 mm



0 dB = 111.3 V/m = 40.93 dBV/m