

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: ER3DV6 - SN2358; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2018/1/19

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18

- 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 = 138.0 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 119.6 V/m

Average value of Total=(109.4+119.6) / 2 = 114.5 V/m

PMF scaled E-field

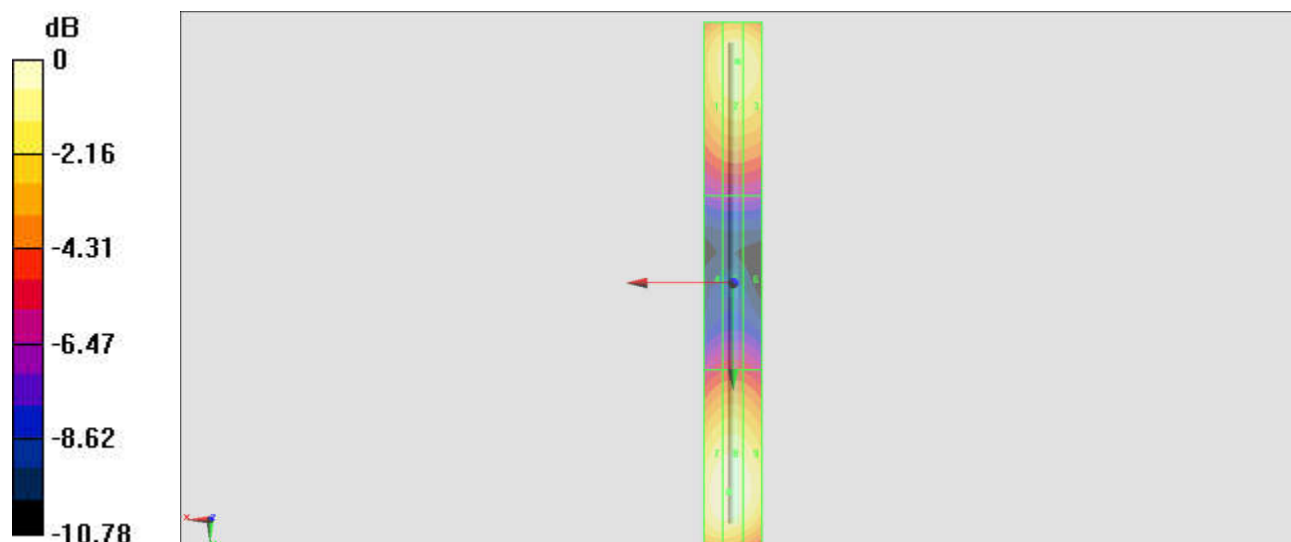
Grid 1 M4 105.7 V/m	Grid 2 M4 109.4 V/m	Grid 3 M4 108.8 V/m
Grid 4 M4 66.55 V/m	Grid 5 M4 67.49 V/m	Grid 6 M4 66.44 V/m
Grid 7 M4 119.0 V/m	Grid 8 M4 119.6 V/m	Grid 9 M4 116.1 V/m

Cursor:

Total = 119.6 V/m

E Category: M4

Location: 1.5, 72, 9.7 mm



0 dB = 119.6 V/m = 41.55 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: ER3DV6 - SN2358; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2018/1/19

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18

- 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 = 132.5 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.52 V/m

Average value of Total=(83.55+85.52) / 2 = 84.535 V/m

PMF scaled E-field

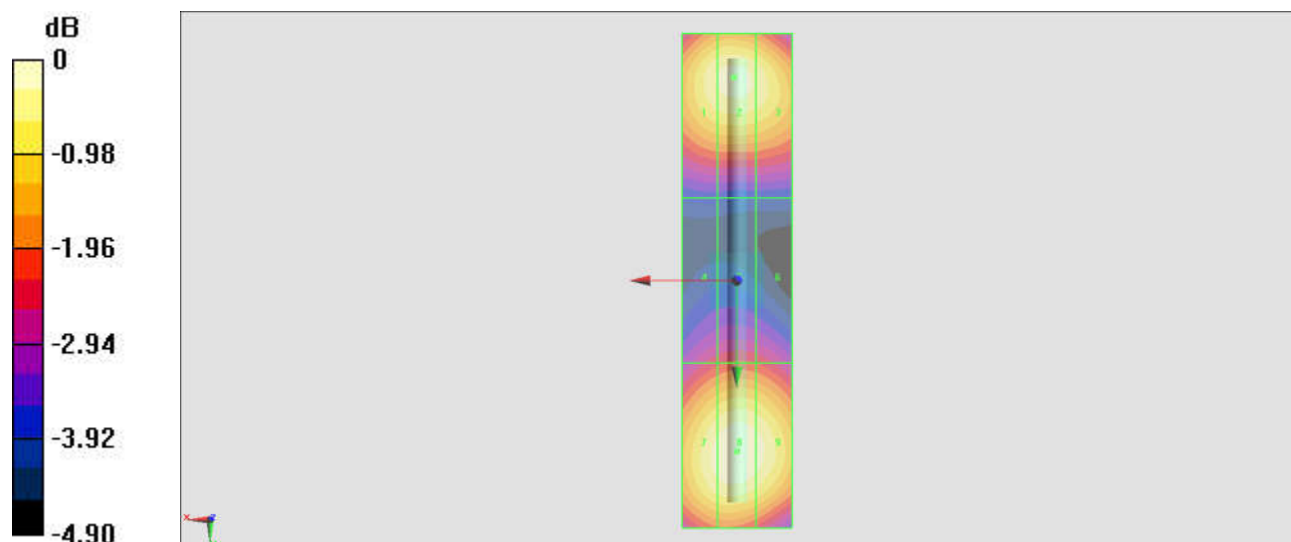
Grid 1 M3 82.47 V/m	Grid 2 M3 83.55 V/m	Grid 3 M3 81.85 V/m
Grid 4 M3 65.17 V/m	Grid 5 M3 66.52 V/m	Grid 6 M3 65.79 V/m
Grid 7 M3 83.73 V/m	Grid 8 M3 85.52 V/m	Grid 9 M3 84.01 V/m

Cursor:

Total = 85.52 V/m

E Category: M3

Location: 0, 31, 9.7 mm



0 dB = 85.52 V/m = 38.64 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: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2018/12/10

- 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 = 82.48 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.85 V/m

Average value of Total=(91.78+92.85) / 2 = 92.315 V/m

PMF scaled E-field

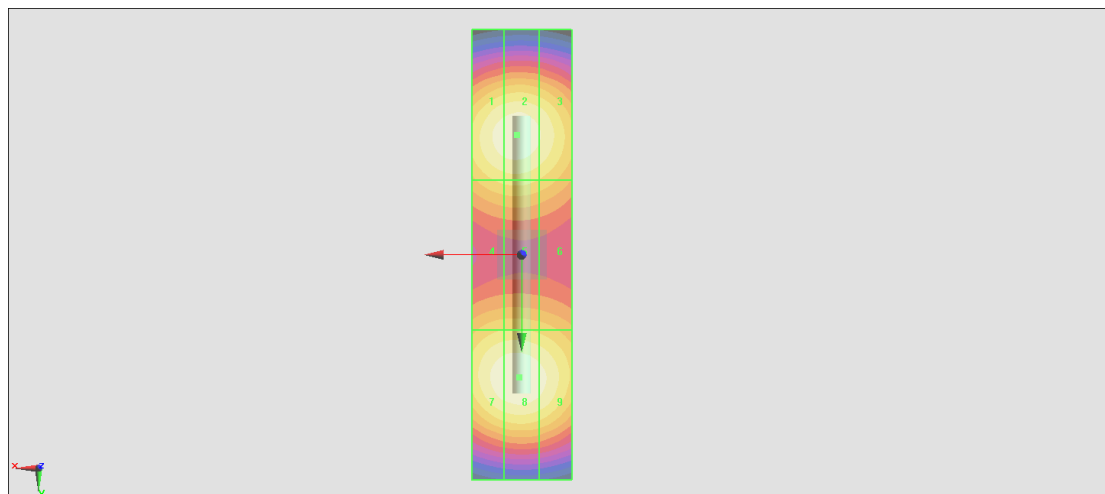
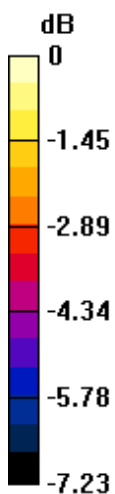
Grid 1 M3 90.81 V/m	Grid 2 M3 91.78 V/m	Grid 3 M3 88.33 V/m
Grid 4 M3 80.32 V/m	Grid 5 M3 80.98 V/m	Grid 6 M3 78.48 V/m
Grid 7 M3 91.73 V/m	Grid 8 M3 92.85 V/m	Grid 9 M3 89.91 V/m

Cursor:

Total = 92.85 V/m

E Category: M3

Location: 0.5, 24.5, 8.7 mm



0 dB = 92.85 V/m = 39.36 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: ER3DV6 - SN2358; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2018/1/19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- 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 = 72.22 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.15 V/m

Average value of Total=(84.26+89.15) / 2 = 86.705 V/m

PMF scaled E-field

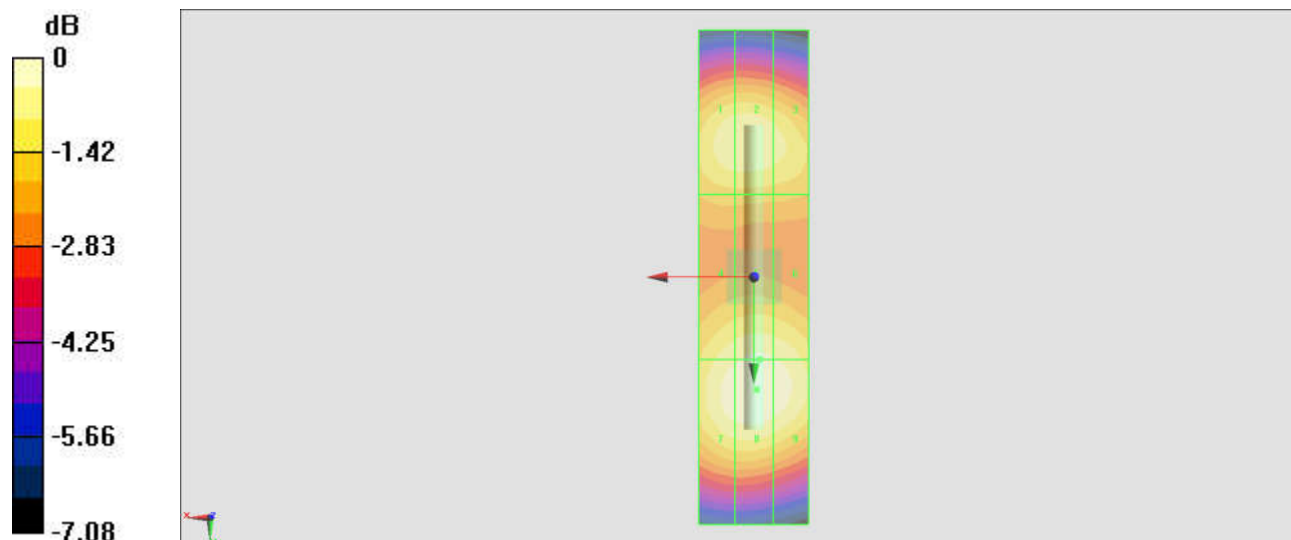
Grid 1 M3 83.80 V/m	Grid 2 M3 84.26 V/m	Grid 3 M3 82.21 V/m
Grid 4 M3 83.82 V/m	Grid 5 M3 85.76 V/m	Grid 6 M3 85.05 V/m
Grid 7 M3 87.38 V/m	Grid 8 M3 89.15 V/m	Grid 9 M3 87.95 V/m

Cursor:

Total = 89.15 V/m

E Category: M3

Location: -0.5, 20.5, 9.7 mm



0 dB = 89.15 V/m = 39.00 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: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2018/12/10

- 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 = 73.74 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.68 V/m

Average value of Total=(87.53+94.68) / 2 = 91.105 V/m

PMF scaled E-field

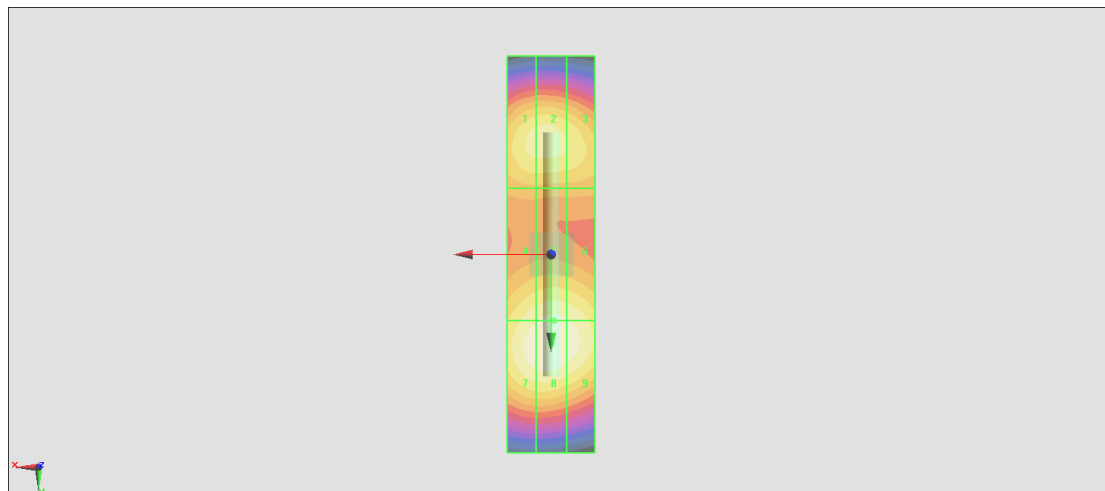
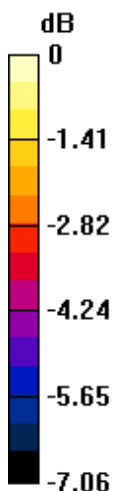
Grid 1 M3 87.12 V/m	Grid 2 M3 87.53 V/m	Grid 3 M3 85.39 V/m
Grid 4 M3 89.35 V/m	Grid 5 M3 91.36 V/m	Grid 6 M3 90.32 V/m
Grid 7 M3 93.15 V/m	Grid 8 M3 94.68 V/m	Grid 9 M3 93.22 V/m

Cursor:

Total = 94.68 V/m

E Category: M3

Location: 0, 20, 9.7 mm



0 dB = 94.68 V/m = 39.53 dBV/m