

HAC_E_Dipole_835_121128**DUT: HAC Dipole 835MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/E Scan - measurement distance from the probe sensor center to CD835

Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Reference Value = 126.5 V/m; Power Drift = -0.02 dB

PMF = 1.000 is applied.

E-field emissions = 172.3 V/m

Average value of Total=(172.4+172.1) / 2 = 172.3 V/m

PMF scaled E-field

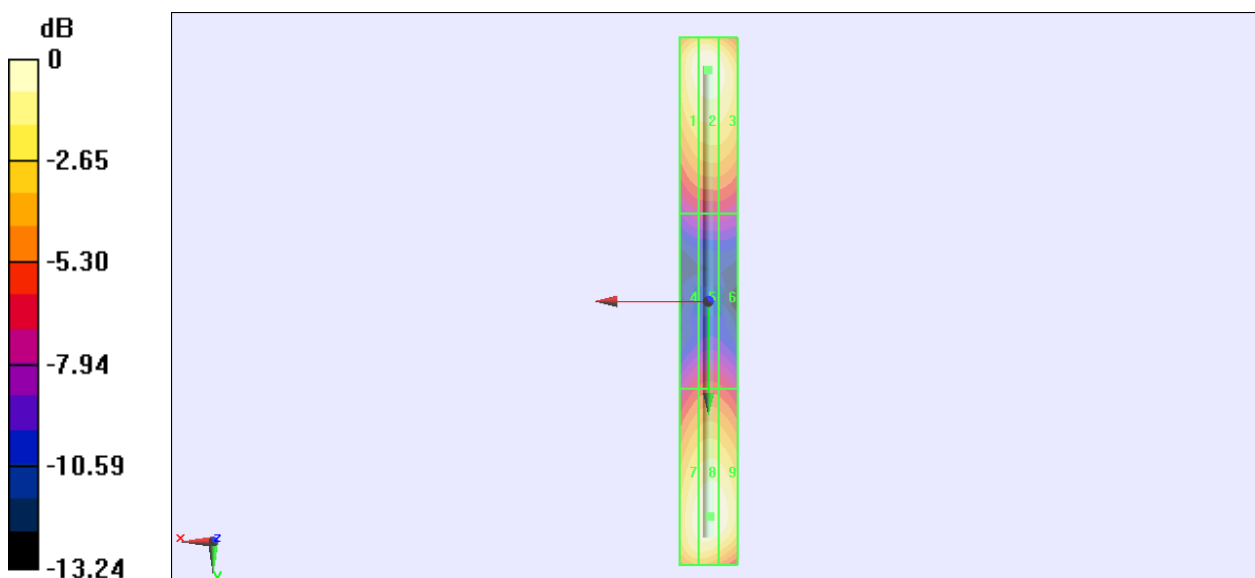
Grid 1 M4 167.2 V/m	Grid 2 M4 172.4 V/m	Grid 3 M4 165.3 V/m
Grid 4 M4 87.25 V/m	Grid 5 M4 90.99 V/m	Grid 6 M4 88.82 V/m
Grid 7 M4 164.8 V/m	Grid 8 M4 172.1 V/m	Grid 9 M4 168.9 V/m

Cursor:

Total = 172.4 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 172.4 V/m = 44.73 dBV/m

HAC_E_Dipole_1880_121128**DUT: HAC Dipole 1880MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

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

Reference Value = 132.5 V/m; Power Drift = 0.008 dB

PMF = 1.000 is applied.

E-field emissions = 130.4 V/m

Average value of Total=(130.4+130.4) / 2 = 130.4 V/m

PMF scaled E-field

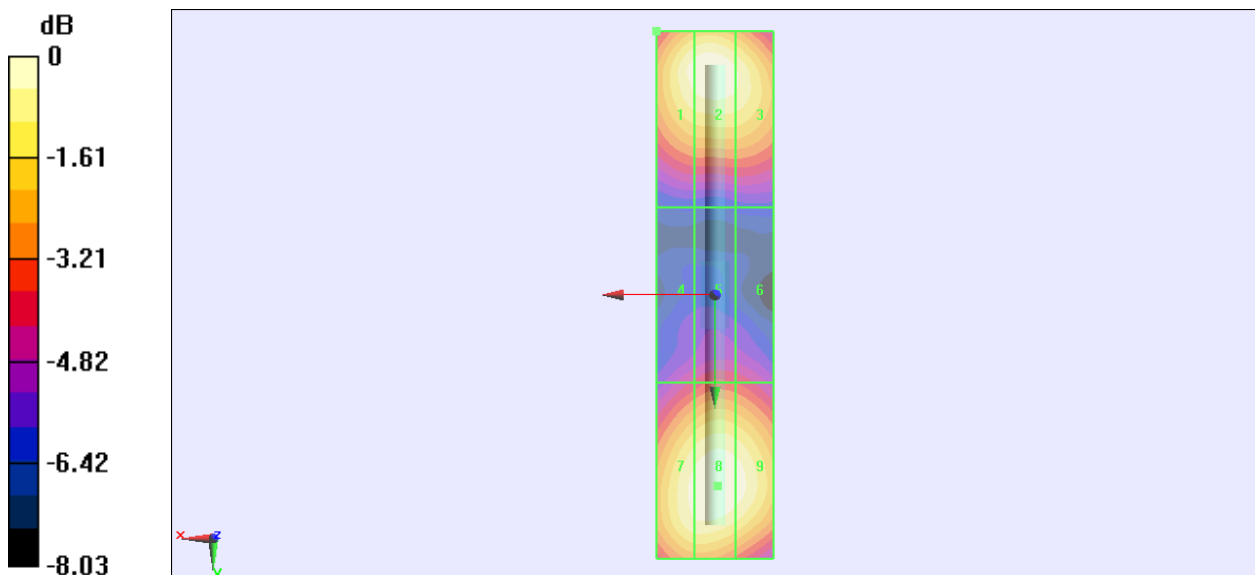
Grid 1 M2 126.8 V/m	Grid 2 M2 130.4 V/m	Grid 3 M2 124.2 V/m
Grid 4 M3 81.46 V/m	Grid 5 M3 86.69 V/m	Grid 6 M3 84.97 V/m
Grid 7 M2 126.1 V/m	Grid 8 M2 130.4 V/m	Grid 9 M2 127.3 V/m

Cursor:

Total = 80.23 V/m

E Category: M3

Location: 10, -45, 4.7 mm



0 dB = 130.4 V/m = 42.31 dBV/m

HAC_H_Dipole_835_121128**DUT: HAC Dipole 835MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/H Scan - measurement distance from the probe sensor center to CD835

Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Reference Value = 0.4910 A/m; Power Drift = -0.01 dB

PMF = 1.000 is applied.

H-field emissions = 0.4430 A/m

PMF scaled H-field

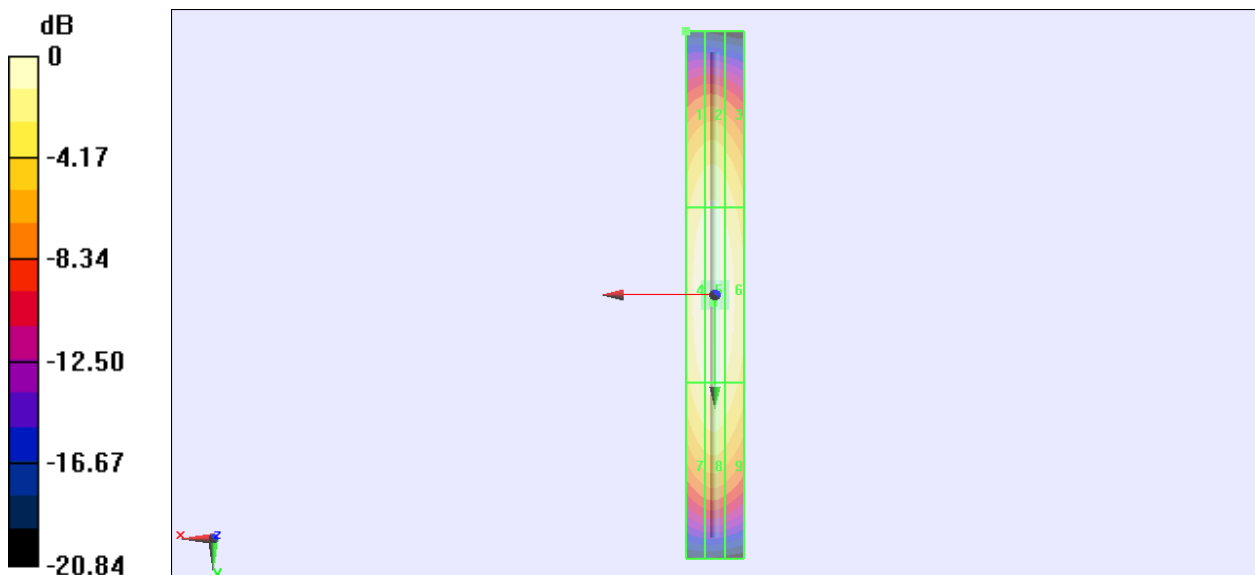
Grid 1 M4 0.377 A/m	Grid 2 M4 0.388 A/m	Grid 3 M4 0.363 A/m
Grid 4 M4 0.429 A/m	Grid 5 M4 0.443 A/m	Grid 6 M4 0.415 A/m
Grid 7 M4 0.384 A/m	Grid 8 M4 0.398 A/m	Grid 9 M4 0.371 A/m

Cursor:

Total = 0.05015 A/m

H Category: M4

Location: 10, -90, 5.2 mm



0 dB = 0.4430 A/m = -7.07 dBA/m

HAC_H_Dipole_1880_121128**DUT: HAC Dipole 1880MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

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

Reference Value = 0.5420 A/m; Power Drift = 0.006 dB

PMF = 1.000 is applied.

H-field emissions = 0.4910 A/m

PMF scaled H-field

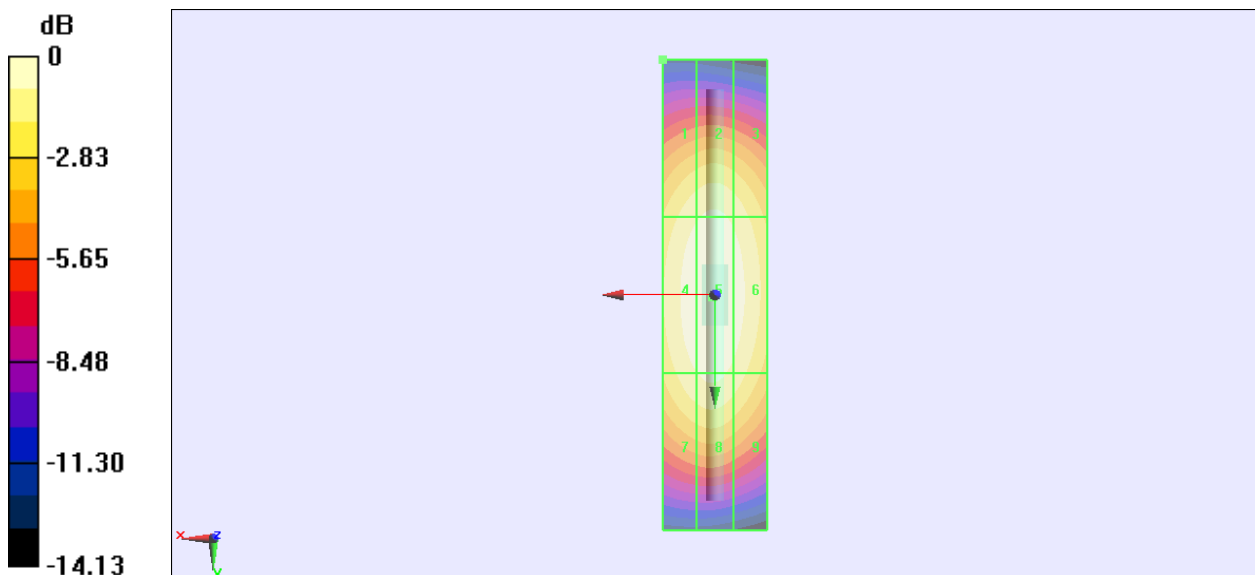
Grid 1 M2 0.435 A/m	Grid 2 M2 0.451 A/m	Grid 3 M2 0.429 A/m
Grid 4 M2 0.475 A/m	Grid 5 M2 0.491 A/m	Grid 6 M2 0.468 A/m
Grid 7 M2 0.439 A/m	Grid 8 M2 0.453 A/m	Grid 9 M2 0.426 A/m

Cursor:

Total = 0.1152 A/m

H Category: M4

Location: 10, -45, 5.2 mm



0 dB = 0.4910 A/m = -6.18 dBA/m