

HAC_E_Dipole_835_121107

DUT:HAC Dipole 835 MHz

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 Sn778; Calibrated: 2012/8/27
- 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 = 121.5 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 166.2 V/m

Average value of Total=(165.9+166.2) / 2 = 166.05 V/m

PMF scaled E-field

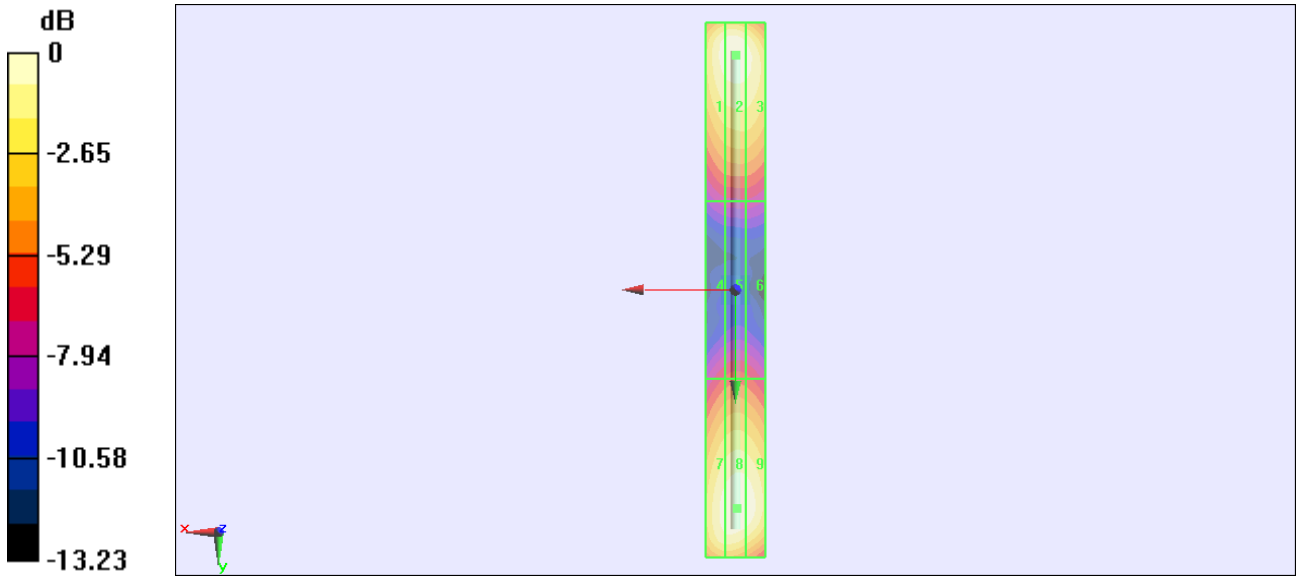
Grid 1 M4 160.5 V/m	Grid 2 M4 165.9 V/m	Grid 3 M4 158.9 V/m
Grid 4 M4 84.05 V/m	Grid 5 M4 87.69 V/m	Grid 6 M4 85.48 V/m
Grid 7 M4 158.8 V/m	Grid 8 M4 166.2 V/m	Grid 9 M4 163.1 V/m

Cursor:

Total = 166.2 V/m

E Category: M4

Location: -0.5, 73.5, 4.7 mm



0 dB = 166.2 V/m = 44.41 dBV/m

HAC_E_Dipole_1880_121107

DUT: HAC Dipole 1880 MHz

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 Sn778; Calibrated: 2012/8/27
- 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 = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 130.5 V/m

Average value of Total=(130.5+130.5) / 2 = 130.5 V/m

PMF scaled E-field

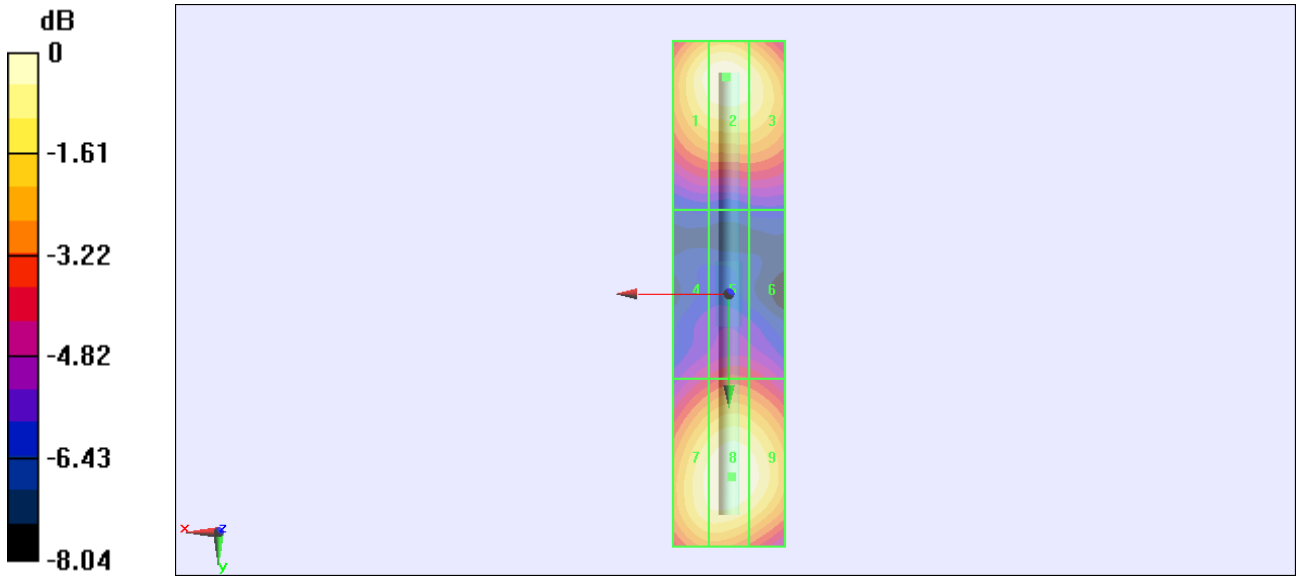
Grid 1 M2 126.8 V/m	Grid 2 M2 130.5 V/m	Grid 3 M2 124.3 V/m
Grid 4 M3 81.49 V/m	Grid 5 M3 86.75 V/m	Grid 6 M3 85.02 V/m
Grid 7 M2 126.1 V/m	Grid 8 M2 130.5 V/m	Grid 9 M2 127.4 V/m

Cursor:

Total = 130.5 V/m

E Category: M2

Location: 0.5, -38.5, 4.7 mm



0 dB = 130.5 V/m = 42.31 dBV/m

HAC_H_Dipole_835_121107

DUT: HAC Dipole 835 MHz

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 Sn778; Calibrated: 2012/8/27
- 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)

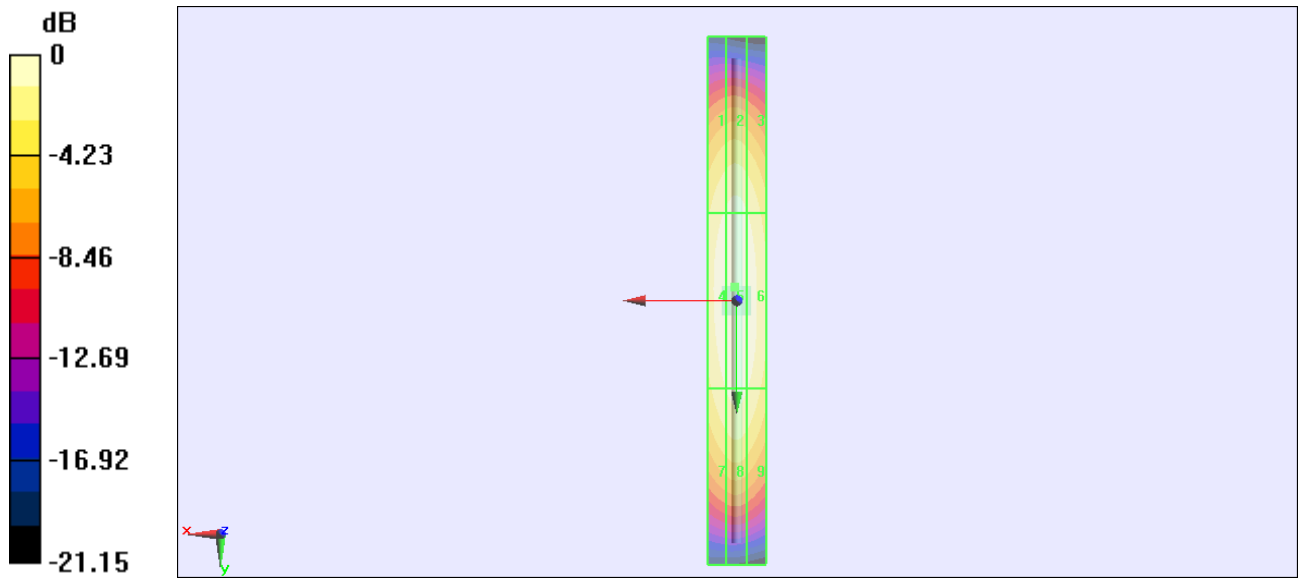
Configuration/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Interpolated grid:
 dx=0.5000 mm, dy=0.5000 mm
 Reference Value = 0.5220 A/m; Power Drift = -0.05 dB
 PMR not calibrated. PMF = 1.000 is applied.
 H-field emissions = 0.4682 A/m

PMF scaled H-field

Grid 1 M4 0.407 A/m	Grid 2 M4 0.425 A/m	Grid 3 M4 0.400 A/m
Grid 4 M4 0.450 A/m	Grid 5 M4 0.468 A/m	Grid 6 M4 0.444 A/m
Grid 7 M4 0.401 A/m	Grid 8 M4 0.422 A/m	Grid 9 M4 0.401 A/m

Cursor:

Total = 0.4682 A/m
 H Category: M4
 Location: 0.5, -4.5, 5.2 mm



0 dB = 0.4682 A/m = -6.59 dBA/m

HAC_H_Dipole_1880_121107

DUT: HAC Dipole 1880 MHz

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 Sn778; Calibrated: 2012/8/27
- 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)

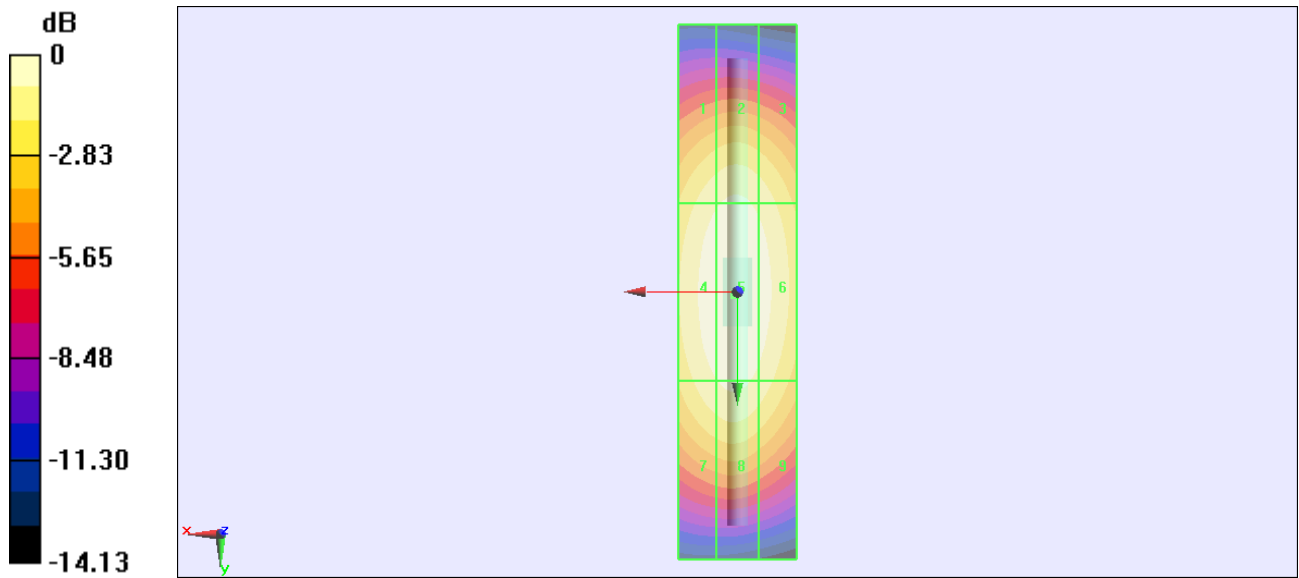
Configuration/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Interpolated grid:
 dx=0.5000 mm, dy=0.5000 mm
 Reference Value = 0.5430 A/m; Power Drift = 0.00 dB
 PMR not calibrated. PMF = 1.000 is applied.
 H-field emissions = 0.4913 A/m

PMF scaled H-field

Grid 1 M2 0.435 A/m	Grid 2 M2 0.451 A/m	Grid 3 M2 0.430 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 0.454 A/m	Grid 9 M2 0.426 A/m

Cursor:

Total = 0.4913 A/m
 H Category: M2
 Location: 0.5, 0.5, 5.2 mm



0 dB = 0.4913 A/m = -6.17 dBA/m