HAC_E_Dipole_835_130419

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.2 ℃

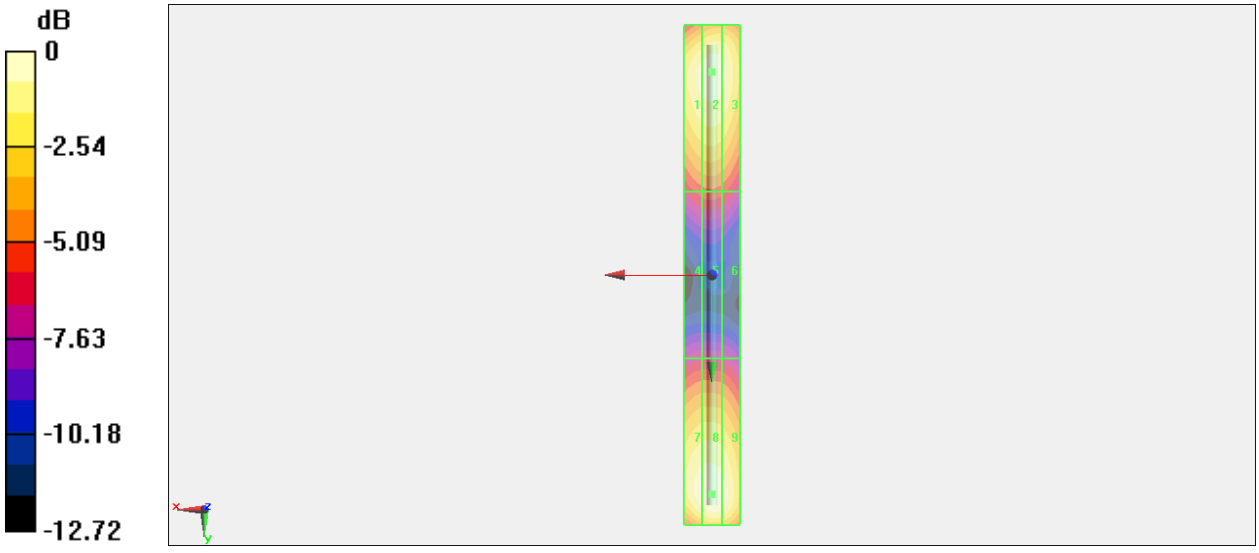
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 10mm distance (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 117.2 V/m; Power Drift = 0.01 dB
PMF = 1.000 is applied.
E-field emissions = 180.4 V/m
Average value of Total=(173.6+180.4) / 2 = 177 V/m

PMF scaled E-field

Grid 1 **M4** **169.3 V/m**	Grid 2 **M4** **173.6 V/m**	Grid 3 **M4** **168.8 V/m**
Grid 4 **M4** **96.09 V/m**	Grid 5 **M4** **98.26 V/m**	Grid 6 **M4** **94.78 V/m**
Grid 7 **M4** **175.4 V/m**	Grid 8 **M4** **180.4 V/m**	Grid 9 **M4** **174.7 V/m**

Cursor:
Total = 180.4 V/m
E Category: M4
Location: 0, 79, 4.7 mm



0 dB = 180.4 V/m = 45.12 dBV/m

HAC_E_Dipole_835_130423

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.5 ℃

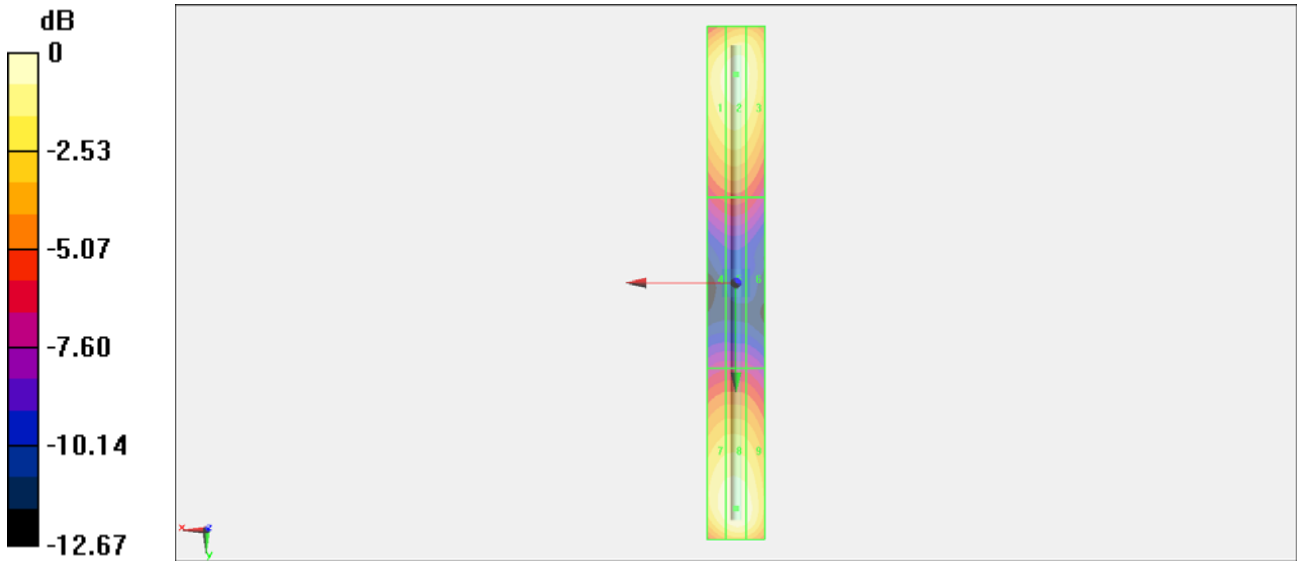
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 10mm distance (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 115.4 V/m; Power Drift = 0.01 dB
PMF = 1.000 is applied.
E-field emissions = 177.7 V/m
Average value of Total=(170.9+177.7) / 2 = 174.3 V/m

PMF scaled E-field

Grid 1 **M4** **166.9 V/m**	Grid 2 **M4** **170.9 V/m**	Grid 3 **M4** **165.9 V/m**
Grid 4 **M4** **94.64 V/m**	Grid 5 **M4** **96.51 V/m**	Grid 6 **M4** **93.13 V/m**
Grid 7 **M4** **172.6 V/m**	Grid 8 **M4** **177.7 V/m**	Grid 9 **M4** **172.1 V/m**

Cursor:
Total = 177.7 V/m
E Category: M4
Location: 0, 79, 4.7 mm



0 dB = 177.7 V/m = 44.99 dBV/m

HAC_E_Dipole_1880_130419

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.2 ℃

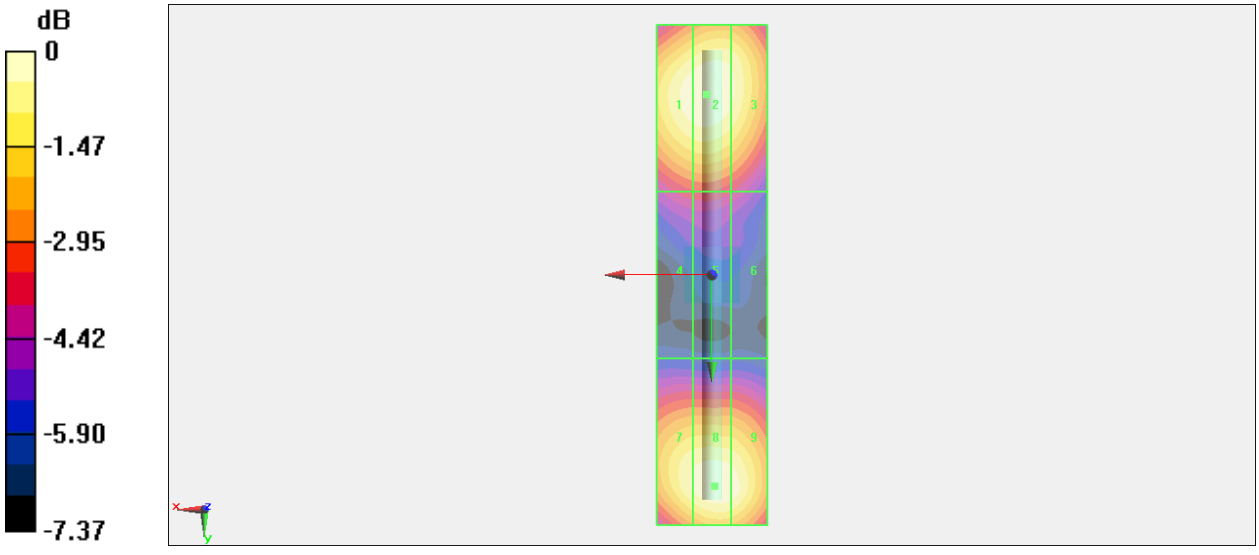
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 10mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 149.2 V/m; Power Drift = 0.02 dB
PMF = 1.000 is applied.
E-field emissions = 133.5 V/m
Average value of Total=(133.5+133.5) / 2 = 133.5 V/m

PMF scaled E-field

Grid 1 **M2** **131.4 V/m**	Grid 2 **M2** **133.5 V/m**	Grid 3 **M2** **128.1 V/m**
Grid 4 **M3** **89.02 V/m**	Grid 5 **M3** **90.07 V/m**	Grid 6 **M3** **85.47 V/m**
Grid 7 **M2** **127.3 V/m**	Grid 8 **M2** **133.5 V/m**	Grid 9 **M2** **130.9 V/m**

Cursor:
Total = 133.5 V/m
E Category: M2
Location: 1, -32.5, 4.7 mm



0 dB = 133.5 V/m = 42.51 dBV/m

HAC_E_Dipole_1880_130423

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.5 ℃

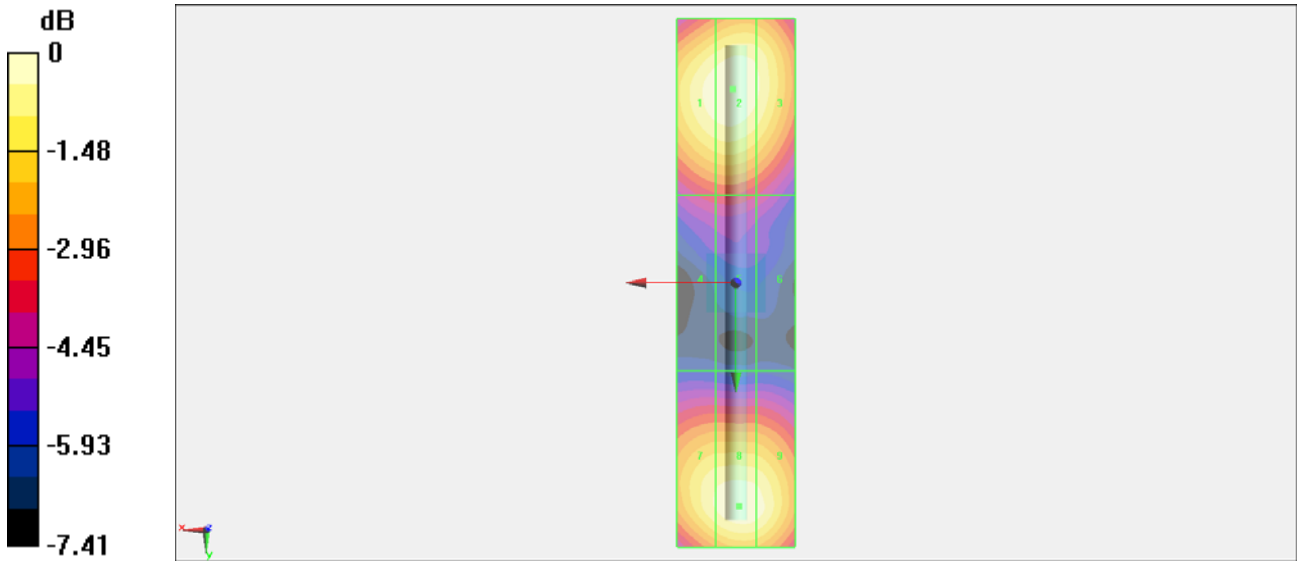
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 10mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 145.5 V/m; Power Drift = 0.01 dB
PMF = 1.000 is applied.
E-field emissions = 130.6 V/m
Average value of Total=(130.6+130.0) / 2 = 130.3 V/m

PMF scaled E-field

Grid 1 **M2** **128.3 V/m**	Grid 2 **M2** **130.6 V/m**	Grid 3 **M2** **125.0 V/m**
Grid 4 **M3** **87.00 V/m**	Grid 5 **M3** **87.94 V/m**	Grid 6 **M3** **83.36 V/m**
Grid 7 **M2** **124.3 V/m**	Grid 8 **M2** **130.0 V/m**	Grid 9 **M2** **127.5 V/m**

Cursor:
Total = 130.6 V/m
E Category: M2
Location: 0.5, -33, 4.7 mm



0 dB = 130.6 V/m = 42.32 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/4/19

HAC_H_Dipole_835_130419

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.5 ℃

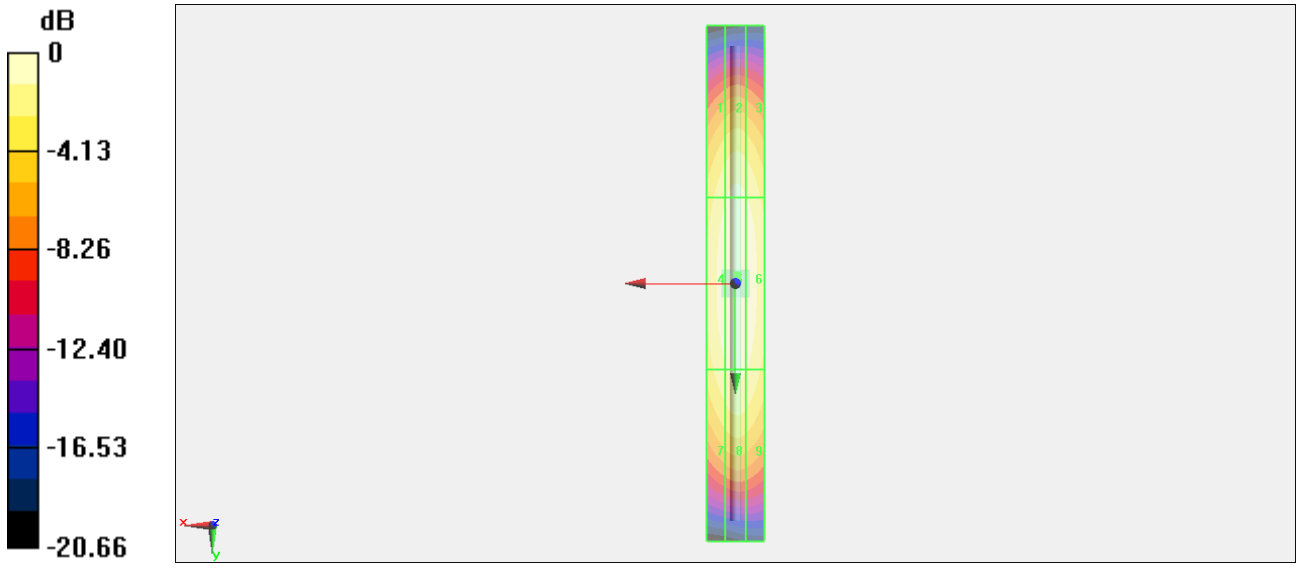
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2013/1/21
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.5090 A/m; Power Drift = -0.00 dB
PMF = 1.000 is applied.
H-field emissions = 0.4794 A/m

PMF scaled H-field

Grid 1 **M4** **0.404 A/m**	Grid 2 **M4** **0.430 A/m**	Grid 3 **M4** **0.414 A/m**
Grid 4 **M4** **0.452 A/m**	Grid 5 **M4** **0.479 A/m**	Grid 6 **M4** **0.461 A/m**
Grid 7 **M4** **0.402 A/m**	Grid 8 **M4** **0.427 A/m**	Grid 9 **M4** **0.412 A/m**

Cursor:
Total = 0.4794 A/m
H Category: M4
Location: -0.5, -3, 4.7 mm



0 dB = 0.4794 A/m = -6.39 dBA/m

HAC_H_Dipole_835_130423

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.6 ℃

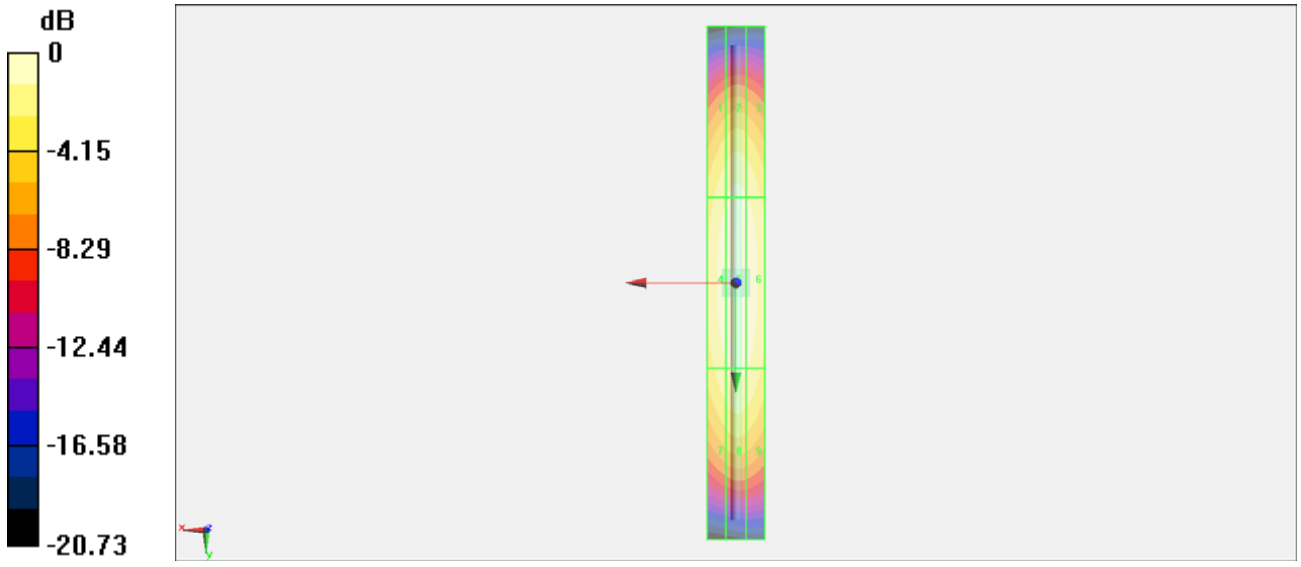
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2013/1/21
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.5210 A/m; Power Drift = 0.01 dB
PMF = 1.000 is applied.
H-field emissions = 0.4916 A/m

PMF scaled H-field

Grid 1 **M4** **0.414 A/m**	Grid 2 **M4** **0.441 A/m**	Grid 3 **M4** **0.424 A/m**
Grid 4 **M4** **0.464 A/m**	Grid 5 **M4** **0.492 A/m**	Grid 6 **M4** **0.473 A/m**
Grid 7 **M4** **0.412 A/m**	Grid 8 **M4** **0.438 A/m**	Grid 9 **M4** **0.423 A/m**

Cursor:
Total = 0.4916 A/m
H Category: M4
Location: -0.5, -1, 4.7 mm



0 dB = 0.4916 A/m = -6.17 dBA/m

HAC_H_Dipole_1880_130419

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.5 ℃

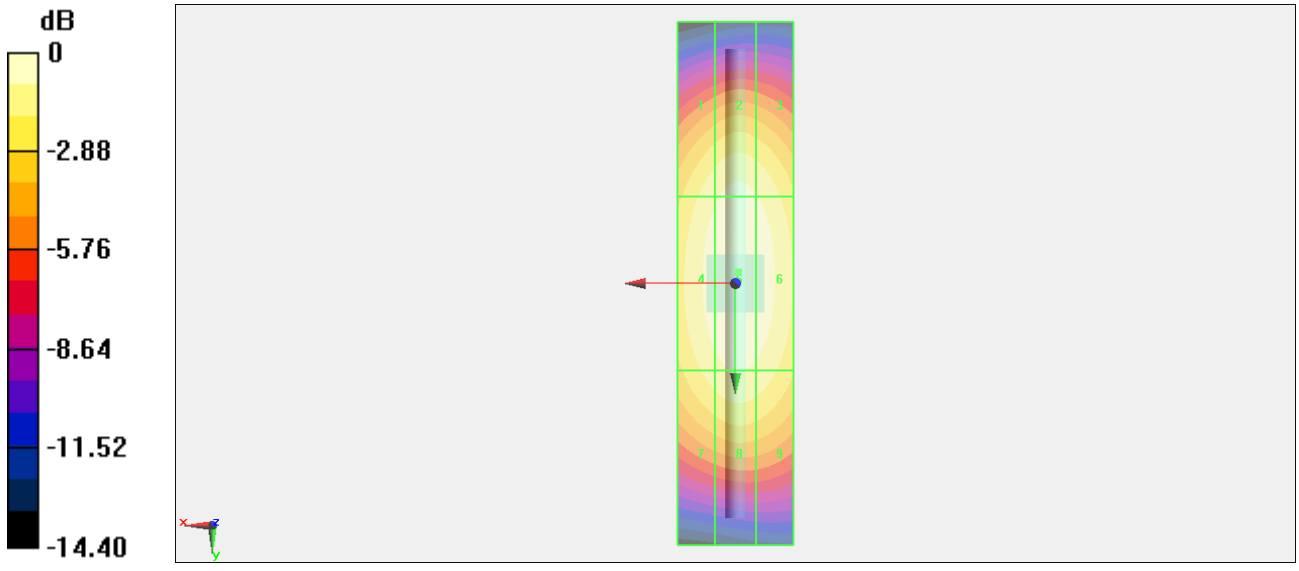
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2013/1/21
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.4570 A/m; Power Drift = -0.00 dB
PMF = 1.000 is applied.
H-field emissions = 0.4323 A/m

PMF scaled H-field

Grid 1 **M2** **0.379 A/m**	Grid 2 **M2** **0.403 A/m**	Grid 3 **M2** **0.389 A/m**
Grid 4 **M2** **0.410 A/m**	Grid 5 **M2** **0.432 A/m**	Grid 6 **M2** **0.419 A/m**
Grid 7 **M2** **0.369 A/m**	Grid 8 **M2** **0.389 A/m**	Grid 9 **M2** **0.377 A/m**

Cursor:
Total = 0.4323 A/m
H Category: M2
Location: -0.5, -2, 4.7 mm



0 dB = 0.4323 A/m = -7.28 dBA/m

HAC_H_Dipole_1880_130423

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.6 ℃

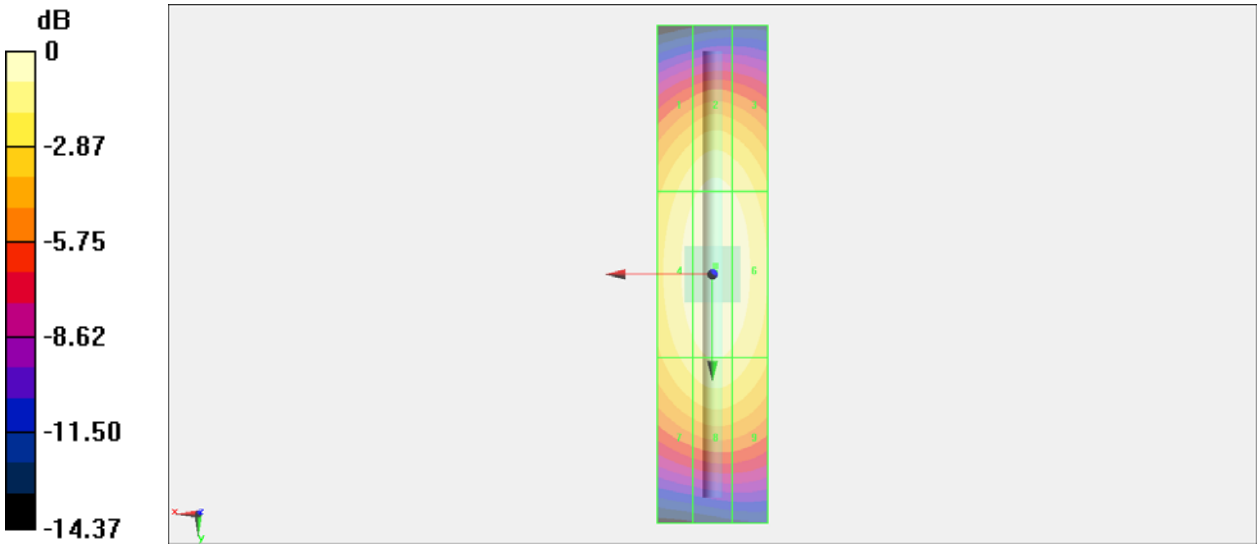
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2013/1/21
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.5270 A/m; Power Drift = 0.00 dB
PMF = 1.000 is applied.
H-field emissions = 0.4987 A/m

PMF scaled H-field

Grid 1 **M2** **0.437 A/m**	Grid 2 **M2** **0.464 A/m**	Grid 3 **M2** **0.449 A/m**
Grid 4 **M2** **0.473 A/m**	Grid 5 **M2** **0.499 A/m**	Grid 6 **M2** **0.484 A/m**
Grid 7 **M2** **0.426 A/m**	Grid 8 **M2** **0.449 A/m**	Grid 9 **M2** **0.436 A/m**

Cursor:
Total = 0.4987 A/m
H Category: M2
Location: -0.5, -1.5, 4.7 mm



0 dB = 0.4987 A/m = -6.04 dBA/m