

HAC_E_Dipole_835_130708**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 : 22.6 °C

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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 116.6 V/m; Power Drift = 0.01 dB

PMF = 1.000 is applied.

E-field emissions = 179.3 V/m

Average value of Total=(172.6+179.3) / 2 = 175.95 V/m

PMF scaled E-field

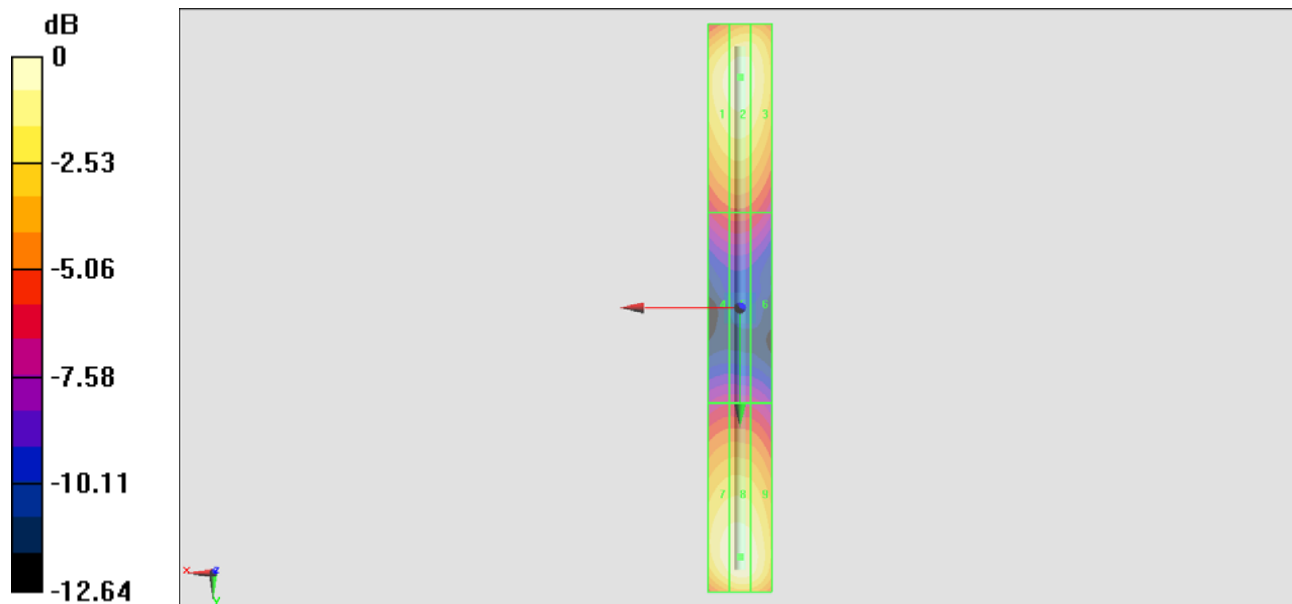
Grid 1 M4 168.6 V/m	Grid 2 M4 172.6 V/m	Grid 3 M4 167.7 V/m
Grid 4 M4 95.68 V/m	Grid 5 M4 97.45 V/m	Grid 6 M4 94.22 V/m
Grid 7 M4 174.2 V/m	Grid 8 M4 179.3 V/m	Grid 9 M4 173.6 V/m

Cursor:

Total = 179.3 V/m

E Category: M4

Location: 0, 79, 4.7 mm



0 dB = 179.3 V/m = 45.07 dBV/m

HAC_E_Dipole_1880_130708**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1730 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 186.5 V/m; Power Drift = -0.03 dB

PMF = 1.000 is applied.

E-field emissions = 169.8 V/m

Average value of Total=(157.8+169.8) / 2 = 163.8 V/m

PMF scaled E-field

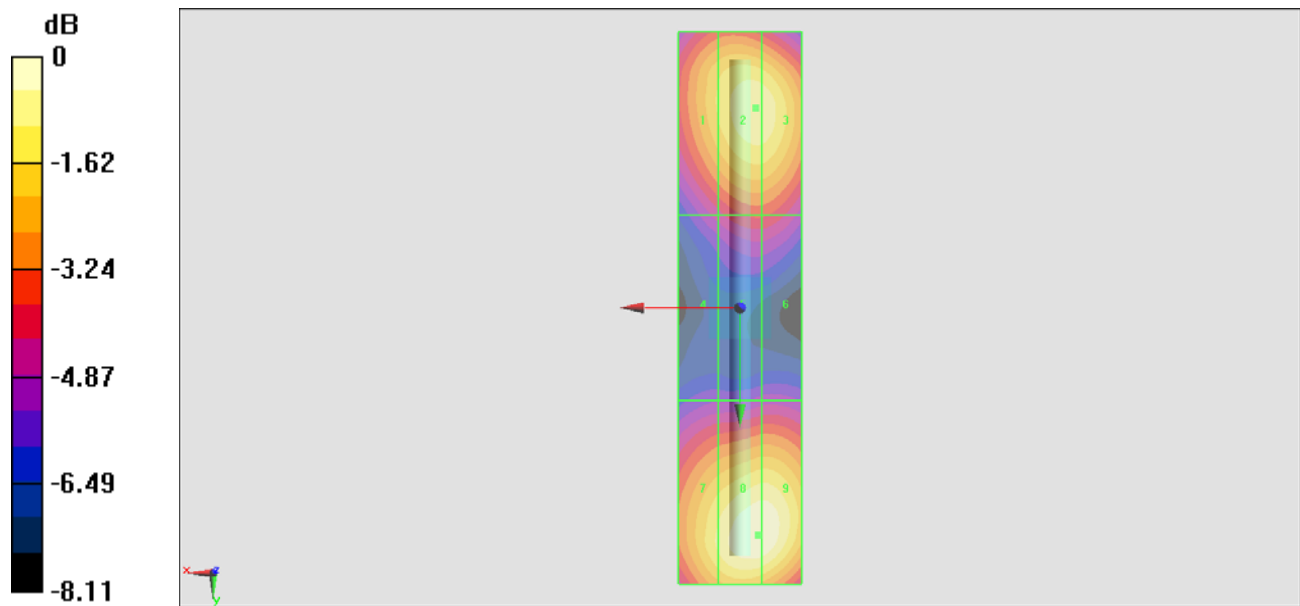
Grid 1 M2 142.8 V/m	Grid 2 M2 157.8 V/m	Grid 3 M2 157.4 V/m
Grid 4 M3 100.4 V/m	Grid 5 M3 111.1 V/m	Grid 6 M3 110.9 V/m
Grid 7 M2 152.6 V/m	Grid 8 M2 169.8 V/m	Grid 9 M2 169.4 V/m

Cursor:

Total = 169.8 V/m

E Category: M2

Location: -3, 37, 4.7 mm



0 dB = 169.8 V/m = 44.60 dBV/m

HAC_E_Dipole_1880_130708**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 : 22.6 °C

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 (6); SEMCAD X Version 14.6.9 (7117)

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

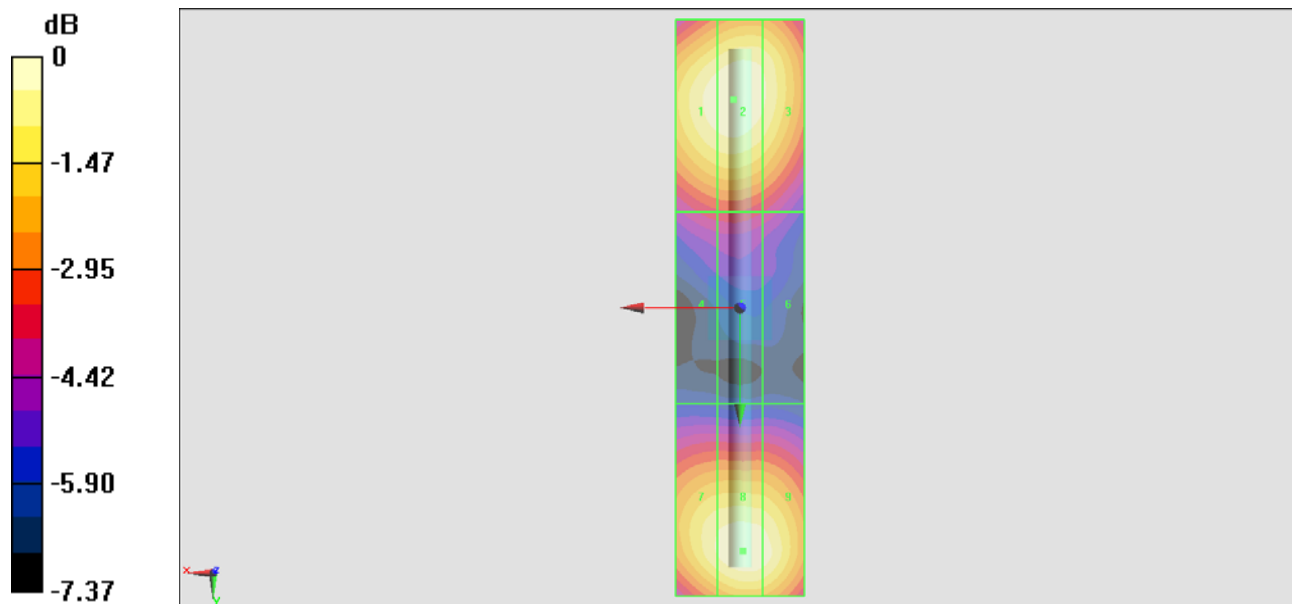
Grid 1 M2 131.4 V/m	Grid 2 M2 133.5 V/m	Grid 3 M2 128.1 V/m
Grid 4 M3 89.02 V/m	Grid 5 M3 90.07 V/m	Grid 6 M3 85.47 V/m
Grid 7 M2 127.3 V/m	Grid 8 M2 133.5 V/m	Grid 9 M2 130.9 V/m

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_H_Dipole_835_130708**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 : 22.6 °C

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 (6); SEMCAD X Version 14.6.9 (7117)

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

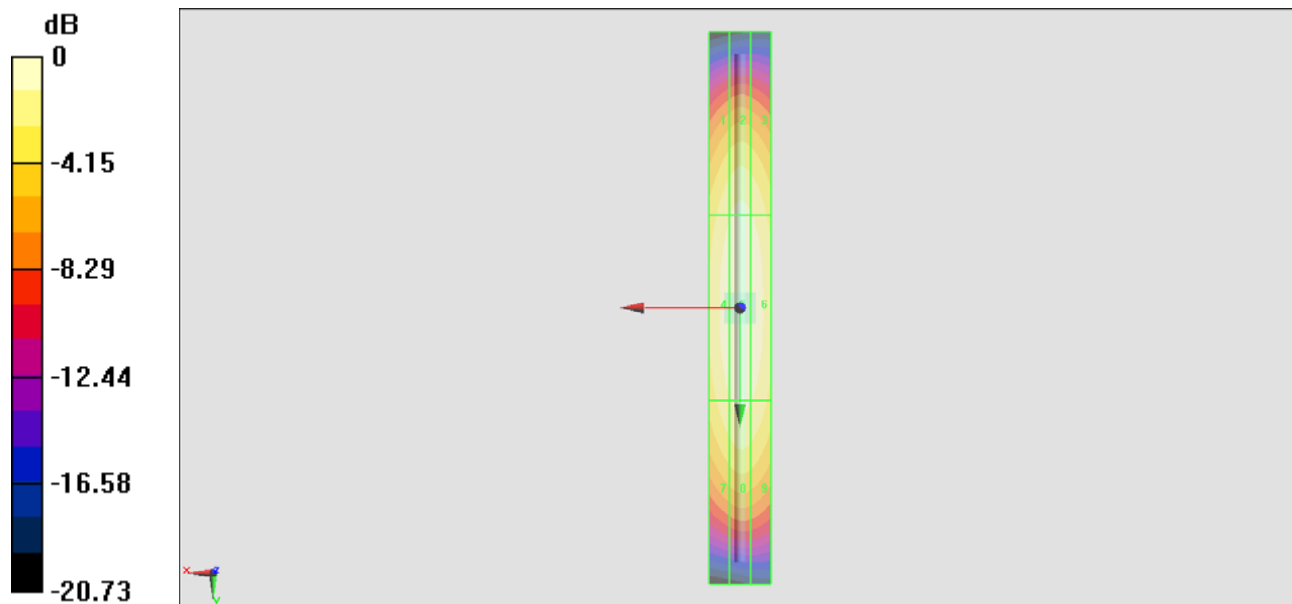
Grid 1 M4 0.414 A/m	Grid 2 M4 0.441 A/m	Grid 3 M4 0.424 A/m
Grid 4 M4 0.464 A/m	Grid 5 M4 0.492 A/m	Grid 6 M4 0.473 A/m
Grid 7 M4 0.412 A/m	Grid 8 M4 0.438 A/m	Grid 9 M4 0.423 A/m

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_130708**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1730 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 0.5710 A/m; Power Drift = 0.00 dB

PMF = 1.000 is applied.

H-field emissions = 0.5405 A/m

PMF scaled H-field

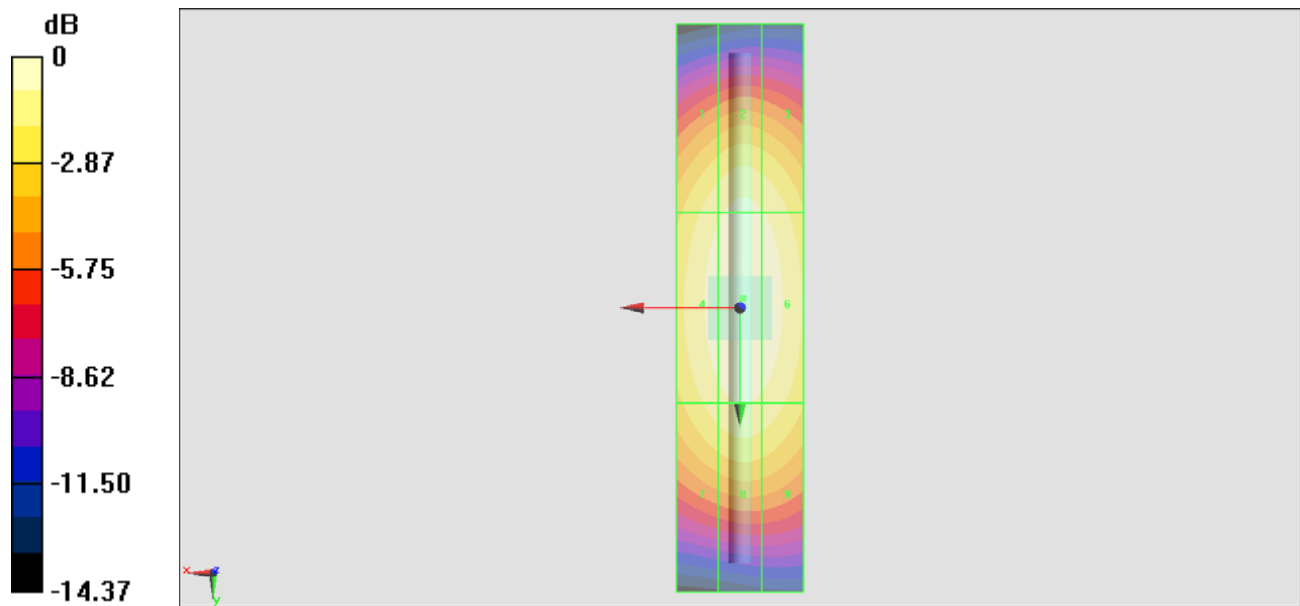
Grid 1 M2 0.473 A/m	Grid 2 M2 0.503 A/m	Grid 3 M2 0.487 A/m
Grid 4 M2 0.512 A/m	Grid 5 M2 0.540 A/m	Grid 6 M2 0.524 A/m
Grid 7 M2 0.461 A/m	Grid 8 M2 0.487 A/m	Grid 9 M2 0.472 A/m

Cursor:

Total = 0.5405 A/m

H Category: M2

Location: -0.5, -1.5, 4.7 mm



0 dB = 0.5405 A/m = -5.34 dBA/m

HAC_H_Dipole_1880_130708**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 : 22.6 °C

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 (6); SEMCAD X Version 14.6.9 (7117)

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

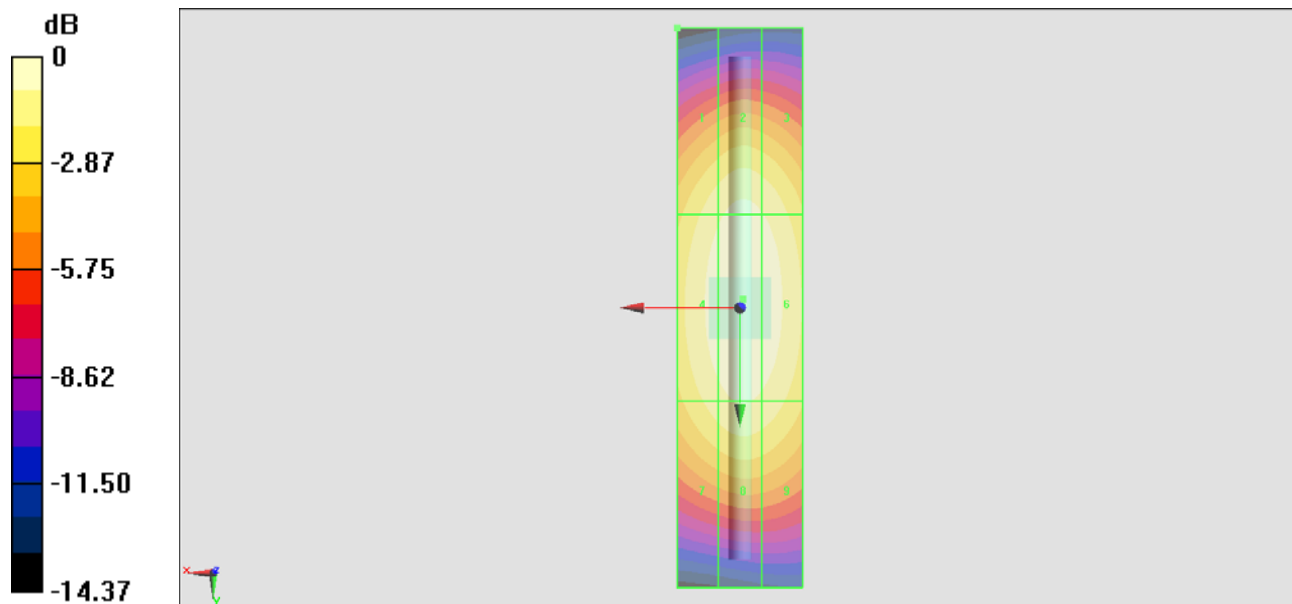
Grid 1 M2 0.437 A/m	Grid 2 M2 0.464 A/m	Grid 3 M2 0.449 A/m
Grid 4 M2 0.473 A/m	Grid 5 M2 0.499 A/m	Grid 6 M2 0.484 A/m
Grid 7 M2 0.426 A/m	Grid 8 M2 0.449 A/m	Grid 9 M2 0.436 A/m

Cursor:

Total = 0.09540 A/m

H Category: M4

Location: 10, -45, 4.7 mm



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