

HAC_E_Dipole_835**DUT: HAC-Dipole 835 MHz**

Communication System: UID 0, 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**E Scan - measurement distance from the probe sensor center to CD835 =
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 = 94.96 V/m; Power Drift = 0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 103.8 V/m

Average value of Total=(103.8+94.58)/2=99.19 V/m

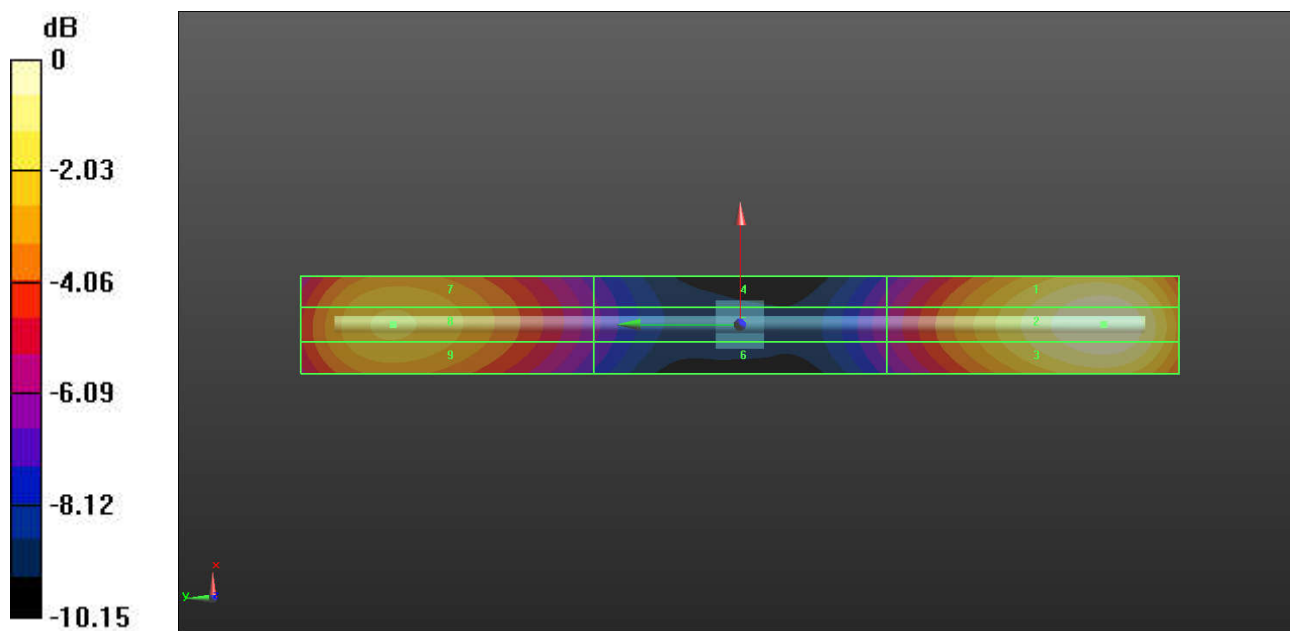
PMF scaled E-field

Grid 1 M4 101.5 V/m	Grid 2 M4 103.8 V/m	Grid 3 M4 102.7 V/m
Grid 4 M4 51.33 V/m	Grid 5 M4 52.37 V/m	Grid 6 M4 50.94 V/m
Grid 7 M4 93.23 V/m	Grid 8 M4 94.58 V/m	Grid 9 M4 89.48 V/m

Total = 103.8 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 103.8 V/m = 37.28 dBV/m

HAC_E_Dipole_1880**DUT: HAC Dipole 1880 MHz**

Communication System: UID 0, 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**E Scan - measurement distance from the probe sensor center to CD1880 =
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 = 132.9 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 97.36 V/m

Average value of Total=(97.36+91.18)/2=94.27 V/m

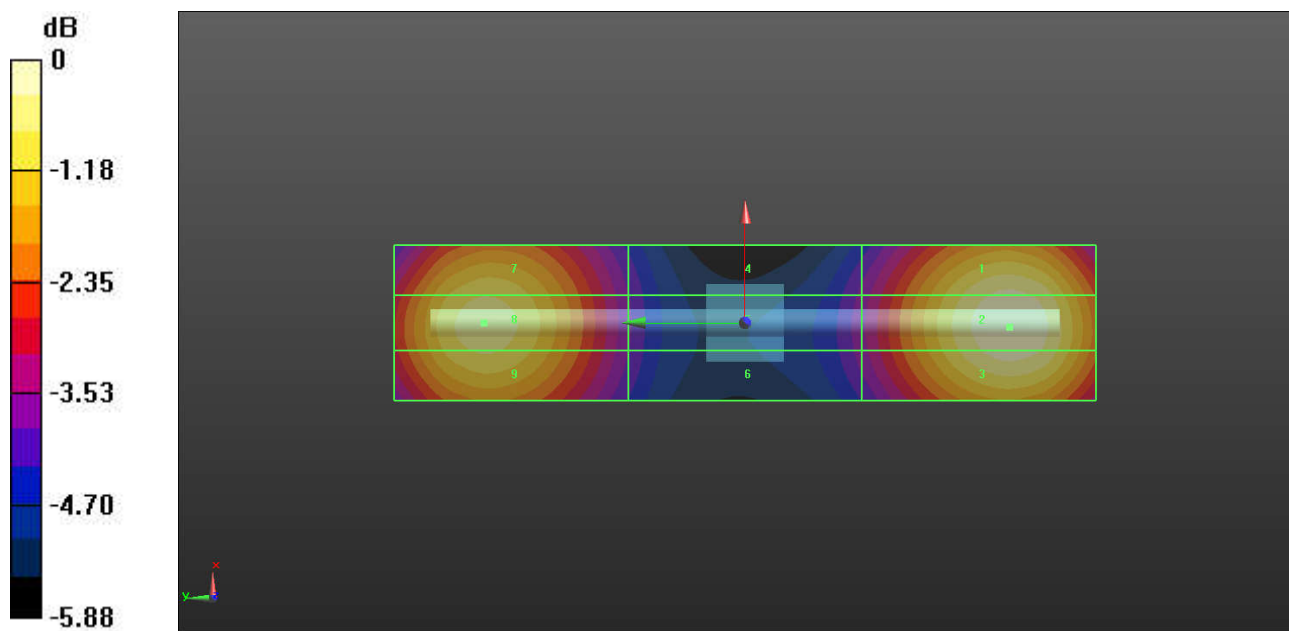
PMF scaled E-field

Grid 1 M3 95.40 V/m	Grid 2 M3 97.36 V/m	Grid 3 M3 95.59 V/m
Grid 4 M3 63.08 V/m	Grid 5 M3 63.34 V/m	Grid 6 M3 63.23 V/m
Grid 7 M3 89.19 V/m	Grid 8 M3 91.18 V/m	Grid 9 M3 90.18 V/m

Total = 97.36 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



HAC_E_Dipole_2450**DUT: HAC Dipole 2450 MHz**

Communication System: UID 0, 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2450 = 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 = 74.13 V/m; Power Drift = 0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.13 V/m

Average value of Total=(93.13+91.51)/2=92.32 V/m

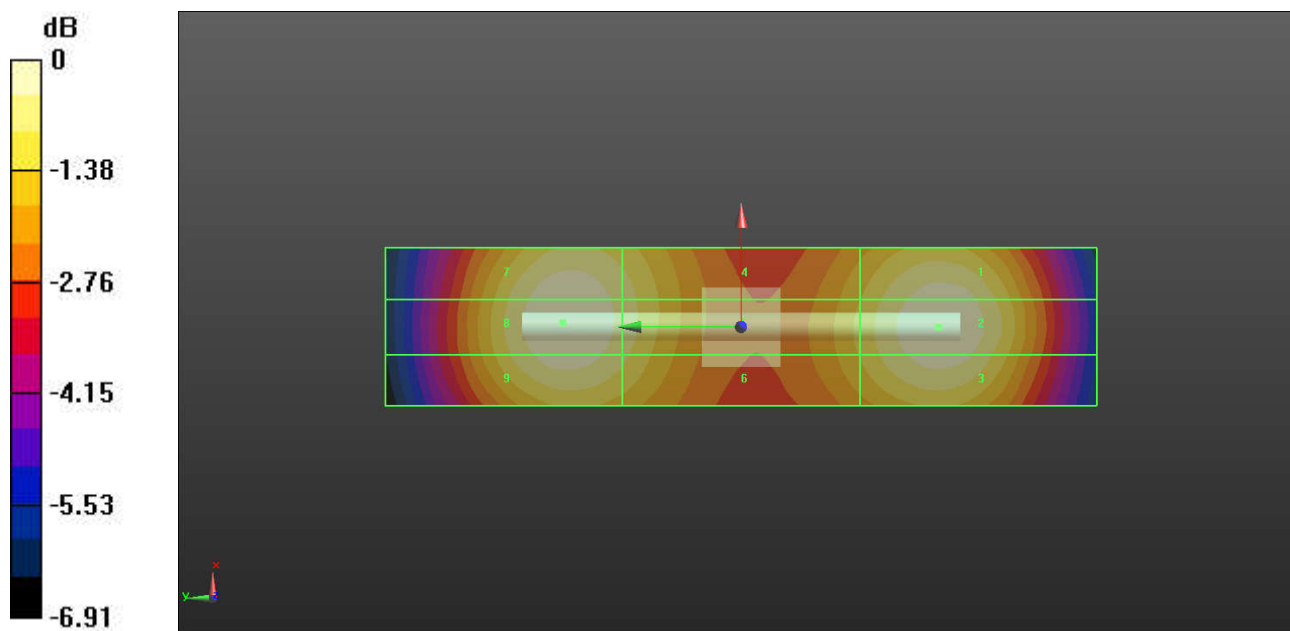
PMF scaled E-field

Grid 1 M3 90.46 V/m	Grid 2 M3 93.13 V/m	Grid 3 M3 91.46 V/m
Grid 4 M3 84.26 V/m	Grid 5 M3 85.62 V/m	Grid 6 M3 83.95 V/m
Grid 7 M3 90.75 V/m	Grid 8 M3 91.51 V/m	Grid 9 M3 91.48 V/m

Total = 93.13 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



HAC_E_Dipole_2600**DUT: HAC Dipole 2600 MHz**

Communication System: UID 0, CW (0); 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2600 = 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 = 79.35 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 95.87 V/m

Average value of Total=(95.87+94.51)/2=95.19 V/m

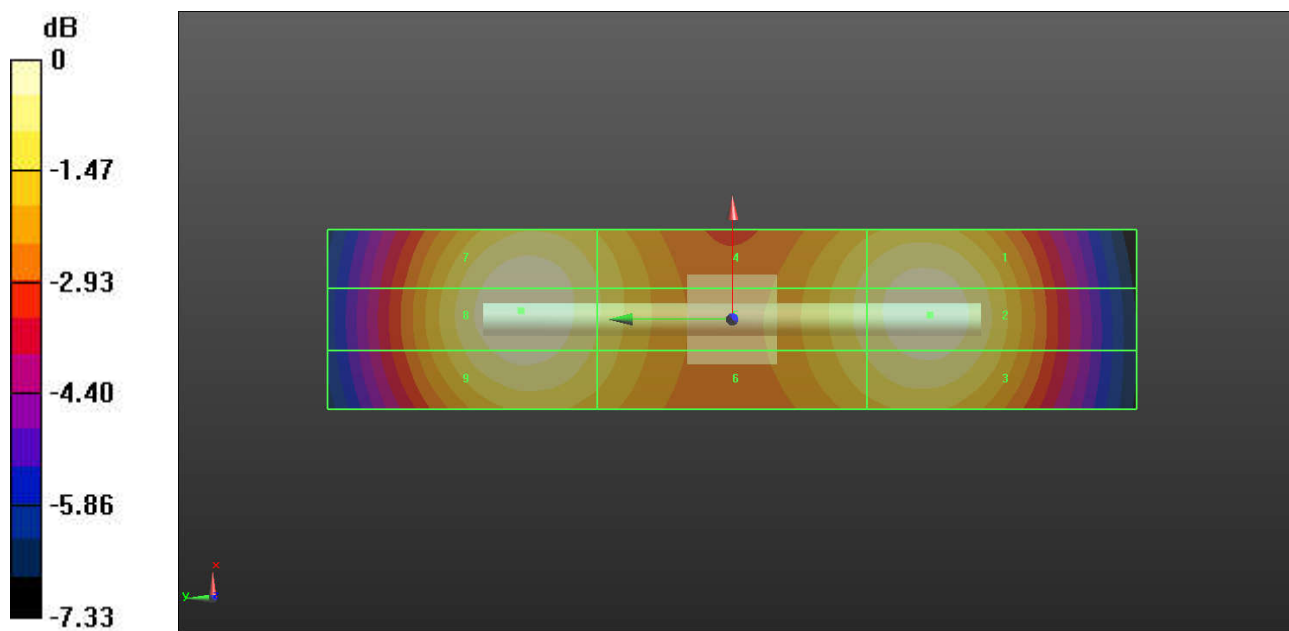
PMF scaled E-field

Grid 1 M3 93.32 V/m	Grid 2 M3 94.51 V/m	Grid 3 M3 93.22 V/m
Grid 4 M3 86.48 V/m	Grid 5 M3 86.53 V/m	Grid 6 M3 86.28 V/m
Grid 7 M3 93.81 V/m	Grid 8 M3 95.87 V/m	Grid 9 M3 93.39 V/m

Total = 95.87 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 95.87 V/m = 41.06 dBV/m

HAC_E_Dipole_3500**DUT: HAC Dipole 3500 MHz**

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD3500 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x121x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.27 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.37 V/m

Average value of Total=(92.37+89.33)/2=90.85 V/m

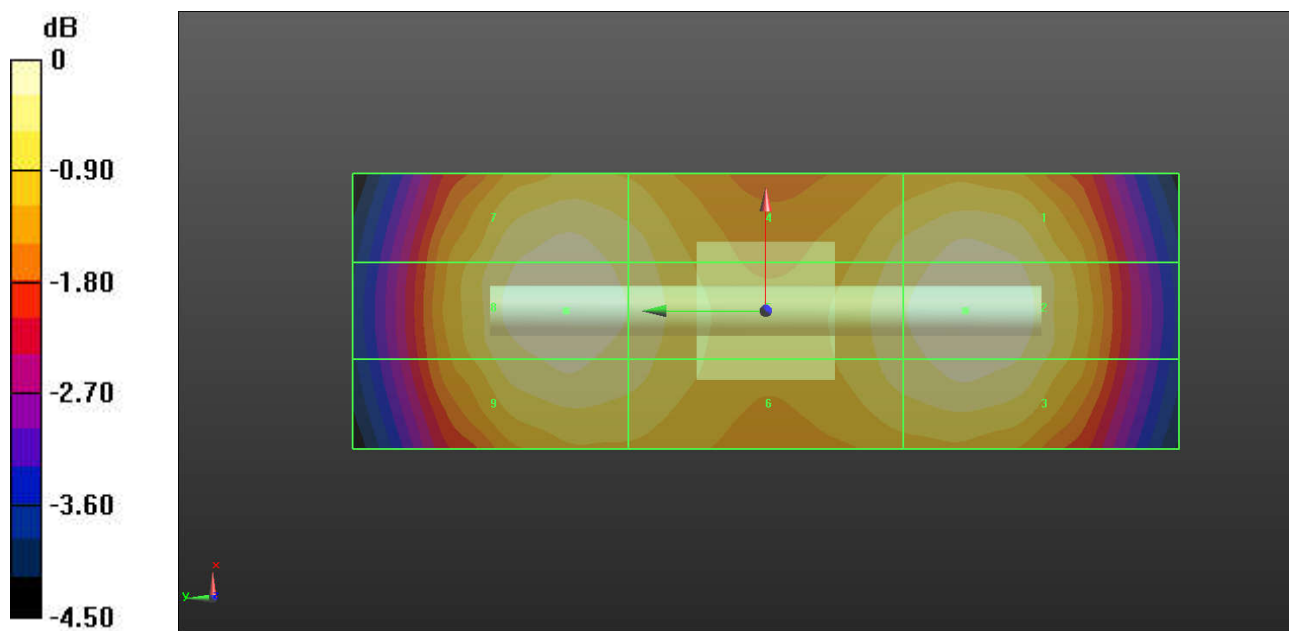
PMF scaled E-field

Grid 1 M3 91.13 V/m	Grid 2 M3 92.37 V/m	Grid 3 M3 91.45 V/m
Grid 4 M3 86.35 V/m	Grid 5 M3 88.35 V/m	Grid 6 M3 87.36 V/m
Grid 7 M3 87.24 V/m	Grid 8 M3 89.33 V/m	Grid 9 M3 89.39 V/m

Total = 92.37 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 92.37 V/m = 39.55 dBV/m

HAC_E_Dipole_5500**DUT: HAC Dipole 5500 MHz**

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD5500 = 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 = 29.15 V/m; Power Drift = 0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 107.6 V/m

Average value of Total=(103.5+105.3)/2=104.4 V/m

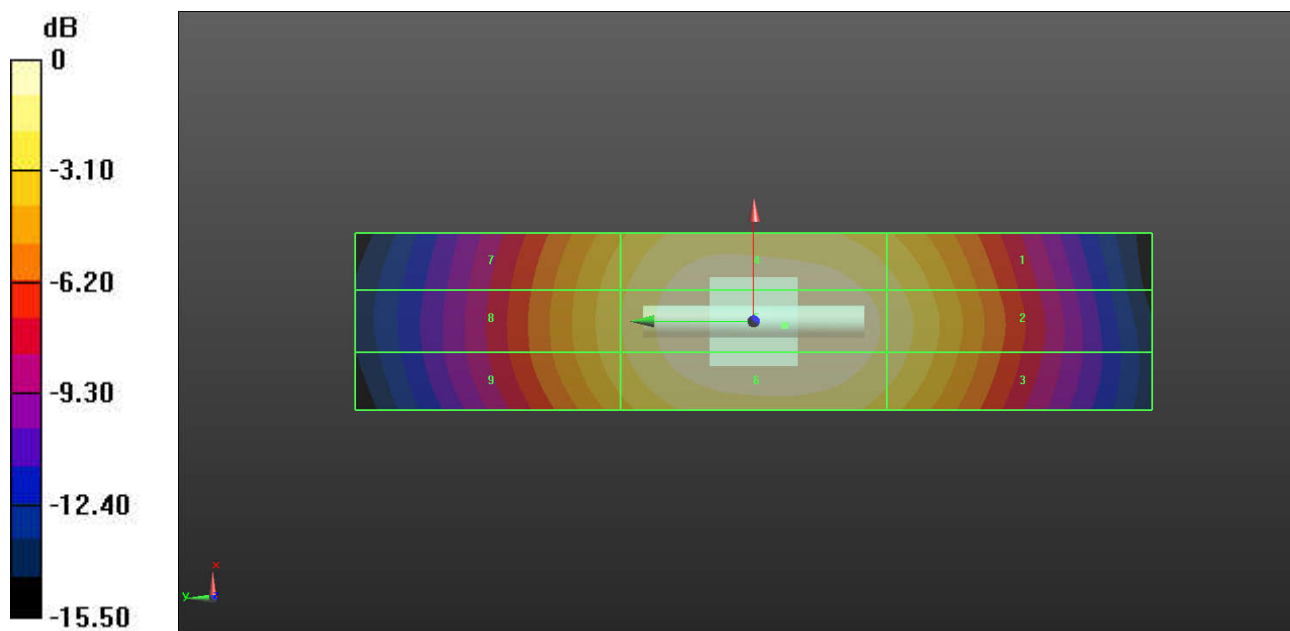
PMF scaled E-field

Grid 1 M3 90.10 V/m	Grid 2 M3 93.79 V/m	Grid 3 M3 91.96 V/m
Grid 4 M3 103.5 V/m	Grid 5 M3 107.6 V/m	Grid 6 M3 105.3 V/m
Grid 7 M3 83.04 V/m	Grid 8 M3 90.72 V/m	Grid 9 M3 83.16 V/m

Total = 107.6 V/m

E Category: M3

Location: -0.5, -3.5, 8.7 mm



0 dB = 107.6 V/m = 41.38 dBV/m