

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: 2023/1/24
- Electronics: DAE4 Sn1303; Calibrated: 2022/11/24
- 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 = 93.81 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 101.1 V/m

Average value of Total=(101.3+95.12)/2=98.21 V/m

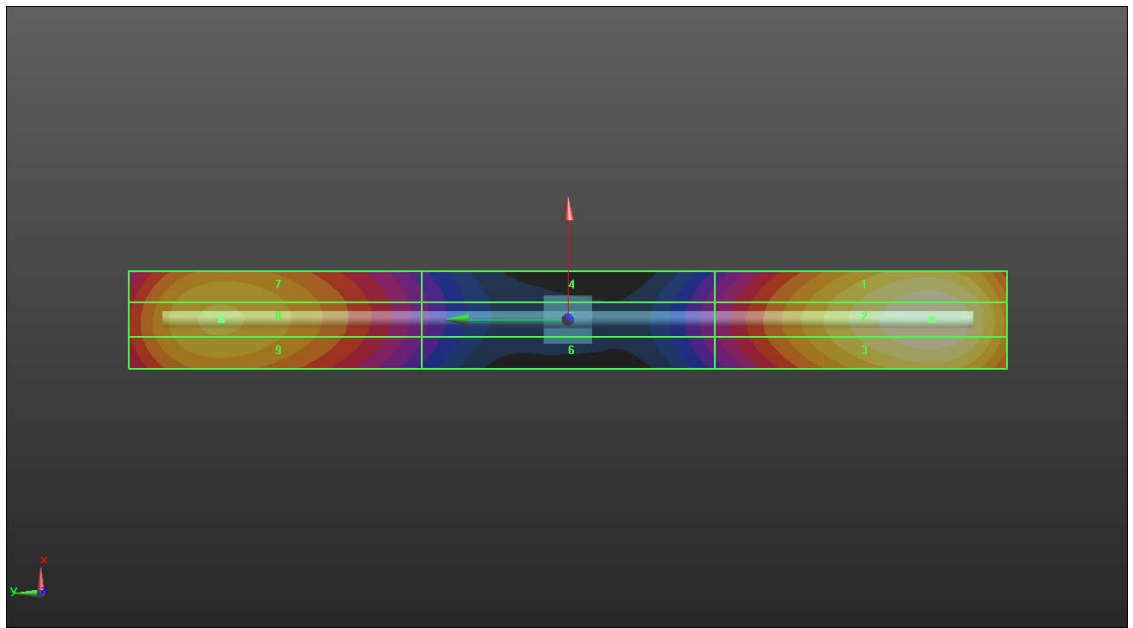
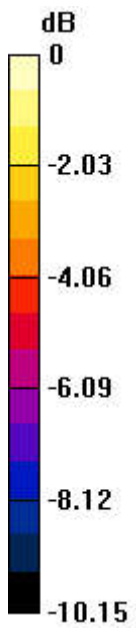
PMF scaled E-field

Grid 1 M4 99.5 V/m	Grid 2 M4 101.3 V/m	Grid 3 M4 99.8 V/m
Grid 4 M4 51.22 V/m	Grid 5 M4 52.15 V/m	Grid 6 M4 49.78 V/m
Grid 7 M4 91.09 V/m	Grid 8 M4 95.12 V/m	Grid 9 M4 90.64 V/m

Total = 101.3 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 101.3 V/m = 35.11 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: 2023/1/24
- Electronics: DAE4 Sn1303; Calibrated: 2022/11/24
- 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 = 126.5 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 95.33 V/m

Average value of Total=(95.15+91.35)/2=93.25 V/m

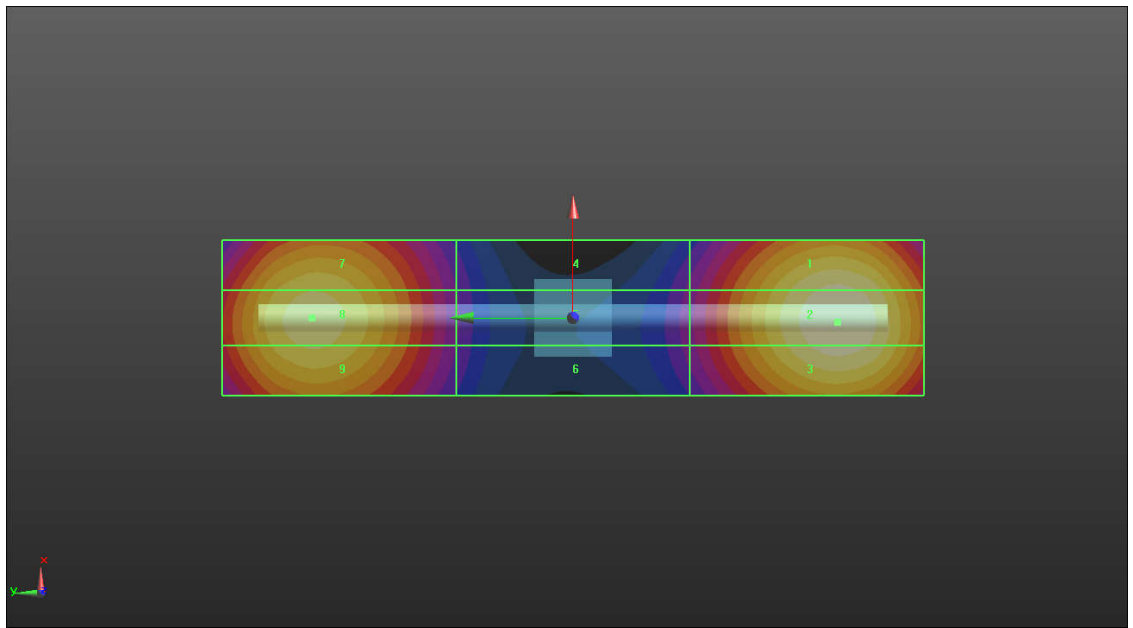
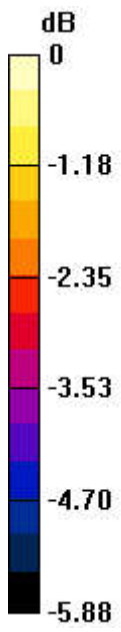
PMF scaled E-field

Grid 1 M3 92.21 V/m	Grid 2 M3 95.15 V/m	Grid 3 M3 93.21 V/m
Grid 4 M3 64.13 V/m	Grid 5 M3 65.12 V/m	Grid 6 M3 63.15 V/m
Grid 7 M3 90.22 V/m	Grid 8 M3 91.35 V/m	Grid 9 M3 89.17 V/m

Total = 95.15 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



0 dB = 95.15 V/m = 38.16 dBV/m

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: 2023/1/24
- Electronics: DAE4 Sn1303; Calibrated: 2022/11/24
- 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 = 77.15 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.17 V/m

Average value of Total=(93.15+90.31)/2=91.73 V/m

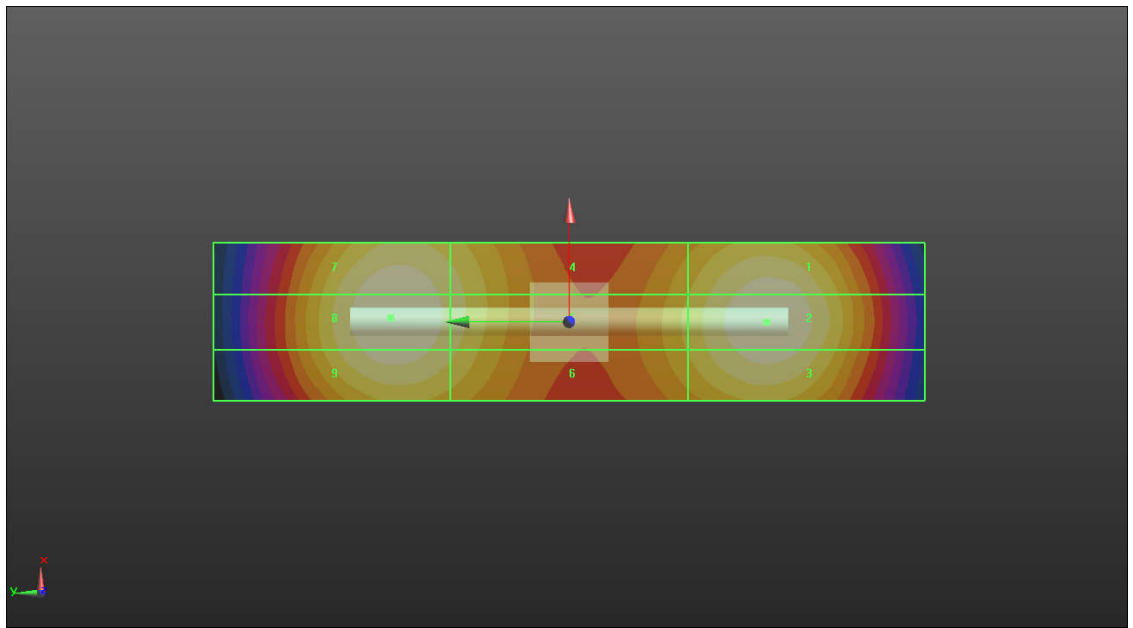
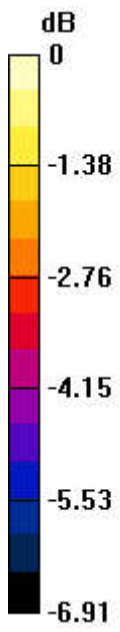
PMF scaled E-field

Grid 1 M3 91.31 V/m	Grid 2 M3 93.15 V/m	Grid 3 M3 91.27 V/m
Grid 4 M3 86.66 V/m	Grid 5 M3 87.19 V/m	Grid 6 M3 84.19 V/m
Grid 7 M3 88.17 V/m	Grid 8 M3 90.31 V/m	Grid 9 M3 88.13 V/m

Total = 93.15 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 93.15 V/m = 43.16 dBV/m

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: 2023/1/24

- Electronics: DAE4 Sn1303; Calibrated: 2022/11/24

- 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 = 80.12 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.18 V/m

Average value of Total=(96.71+94.15)/2=95.43 V/m

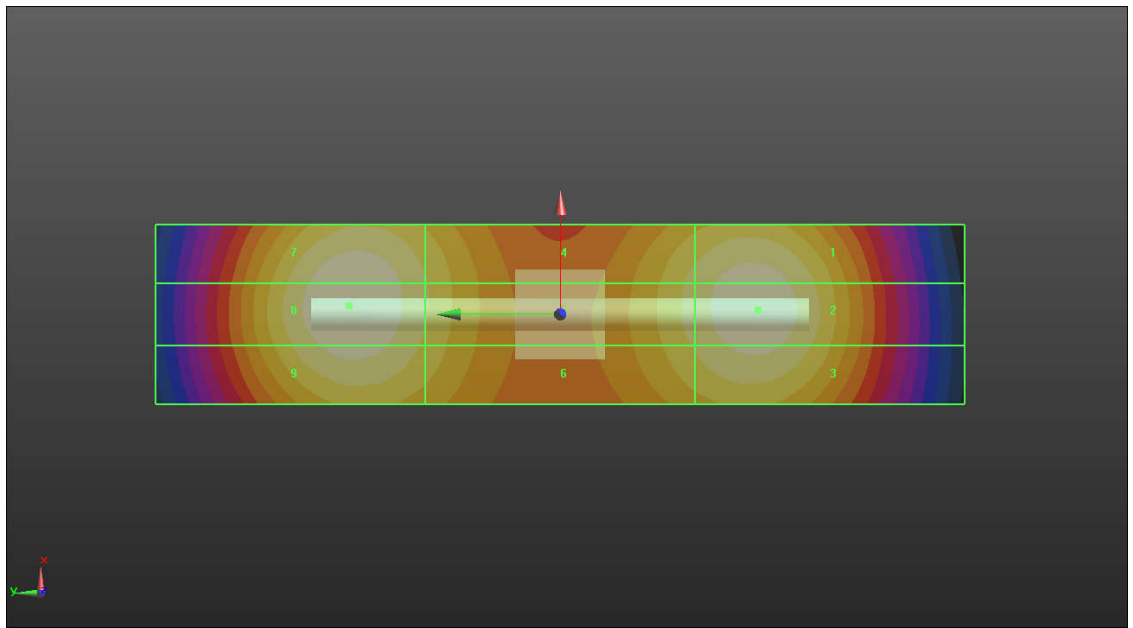
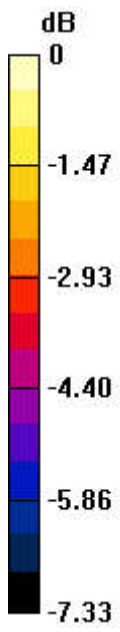
PMF scaled E-field

Grid 1 M3 94.83 V/m	Grid 2 M3 96.71 V/m	Grid 3 M3 93.73 V/m
Grid 4 M3 87.37 V/m	Grid 5 M3 87.51 V/m	Grid 6 M3 86.73 V/m
Grid 7 M3 91.31 V/m	Grid 8 M3 94.15 V/m	Grid 9 M3 91.64 V/m

Total = 96.71 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 96.71 V/m = 40.21 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: 2023/1/24
- Electronics: DAE4 Sn1303; Calibrated: 2022/11/24
- 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 = 38.35 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.18 V/m

Average value of Total=(94.36+89.42)/2=91.89 V/m

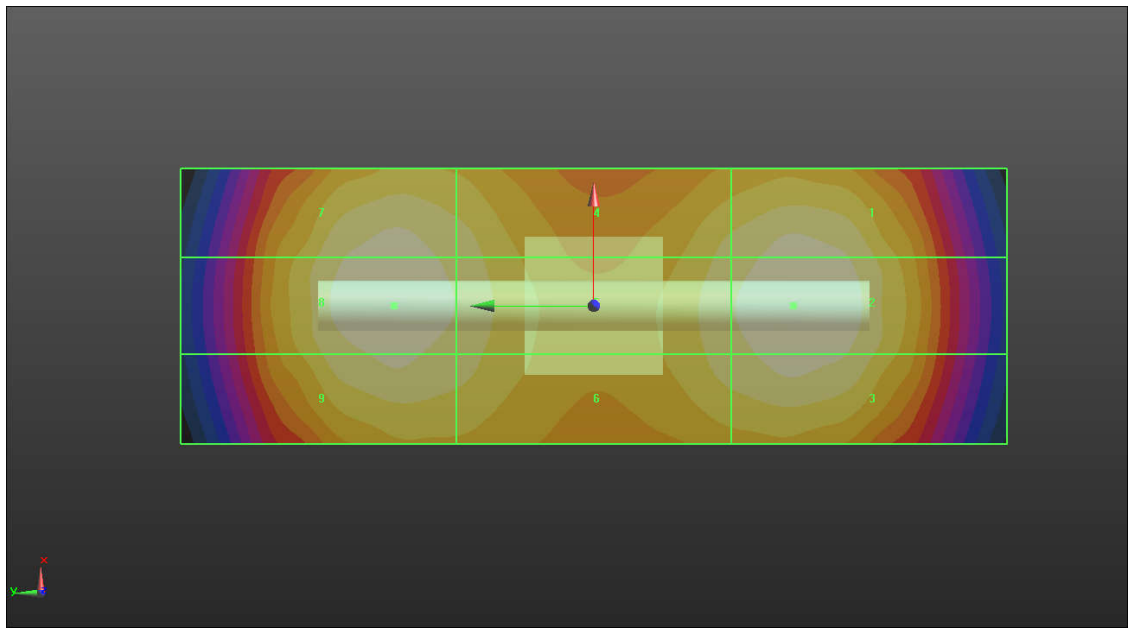
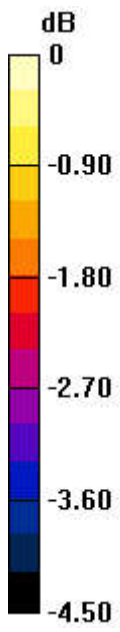
PMF scaled E-field

Grid 1 M3 91.43 V/m	Grid 2 M3 94.36 V/m	Grid 3 M3 90.88 V/m
Grid 4 M3 88.18 V/m	Grid 5 M3 89.09 V/m	Grid 6 M3 88.16 V/m
Grid 7 M3 86.15 V/m	Grid 8 M3 89.42 V/m	Grid 9 M3 86.14 V/m

Total = 94.36 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 94.36 V/m = 40.33 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: 2023/1/24
- Electronics: DAE4 Sn1303; Calibrated: 2022/11/24
- 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 = 32.17 V/m; Power Drift = -0.15 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 103.8 V/m

Average value of Total=(105.2+102.2)/2=103.7 V/m

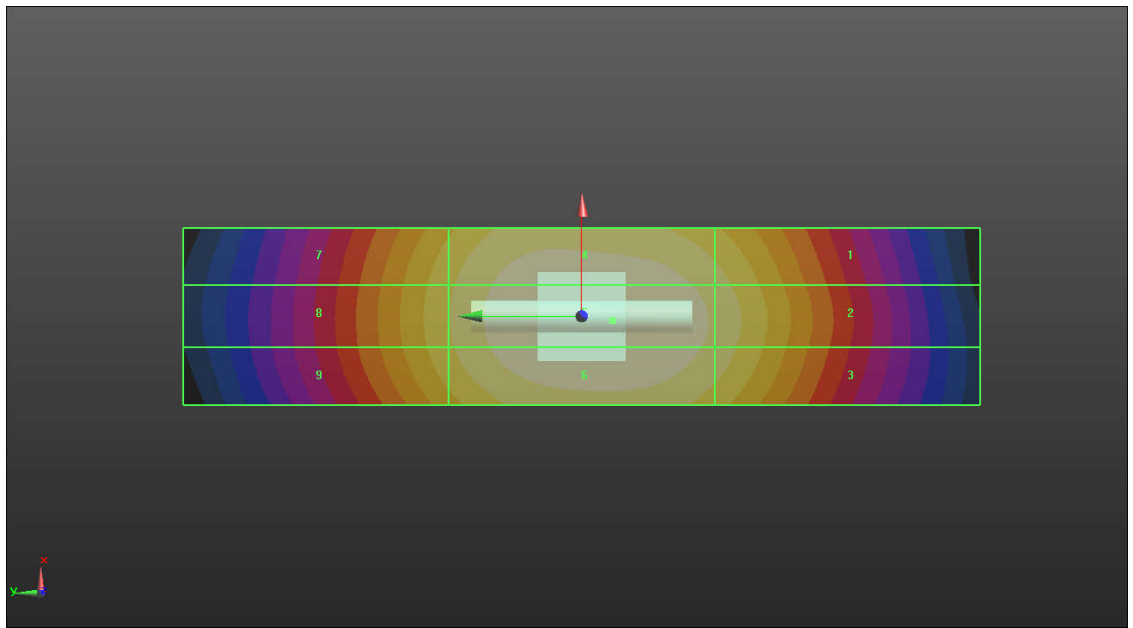
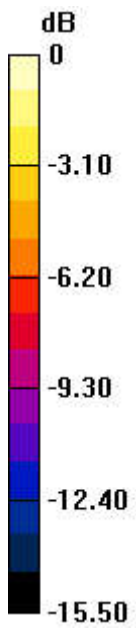
PMF scaled E-field

Grid 1 M3 93.16 V/m	Grid 2 M3 93.11 V/m	Grid 3 M3 92.32 V/m
Grid 4 M3 105.2 V/m	Grid 5 M3 104.1 V/m	Grid 6 M3 102.2 V/m
Grid 7 M3 86.18 V/m	Grid 8 M3 90.17 V/m	Grid 9 M3 84.89 V/m

Total = 105.2 V/m

E Category: M3

Location: -0.5, -3.5, 8.7 mm



0 dB = 105.2 V/m = 41.54 dBV/m