

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 = 94.88 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 102.5 V/m

Average value of Total=(102.5+96.16)/2=99.33 V/m

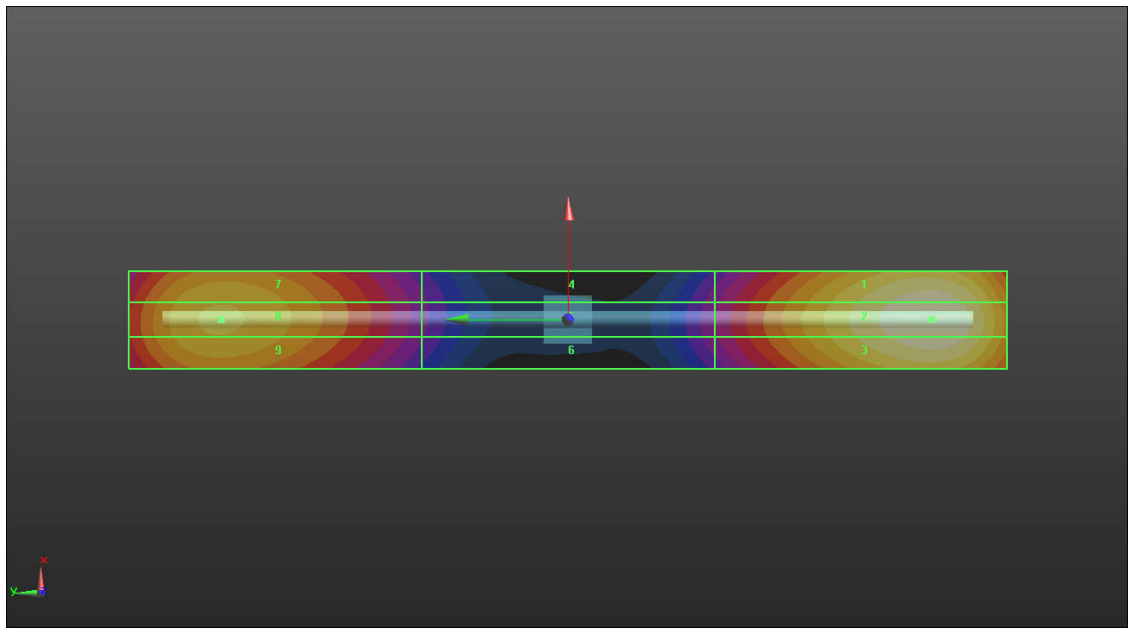
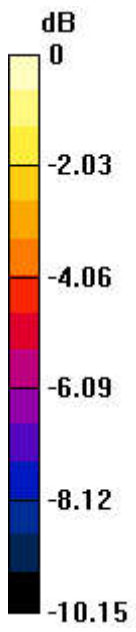
PMF scaled E-field

Grid 1 M4 100.3 V/m	Grid 2 M4 102.5 V/m	Grid 3 M4 100.9 V/m
Grid 4 M4 52.13 V/m	Grid 5 M4 53.45 V/m	Grid 6 M4 50.28 V/m
Grid 7 M4 92.19 V/m	Grid 8 M4 96.16 V/m	Grid 9 M4 91.64 V/m

Total = 102.5 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 102.5 V/m = 36.33 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 = 125.7 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.27 V/m

Average value of Total=(94.27+90.05)/2=92.16 V/m

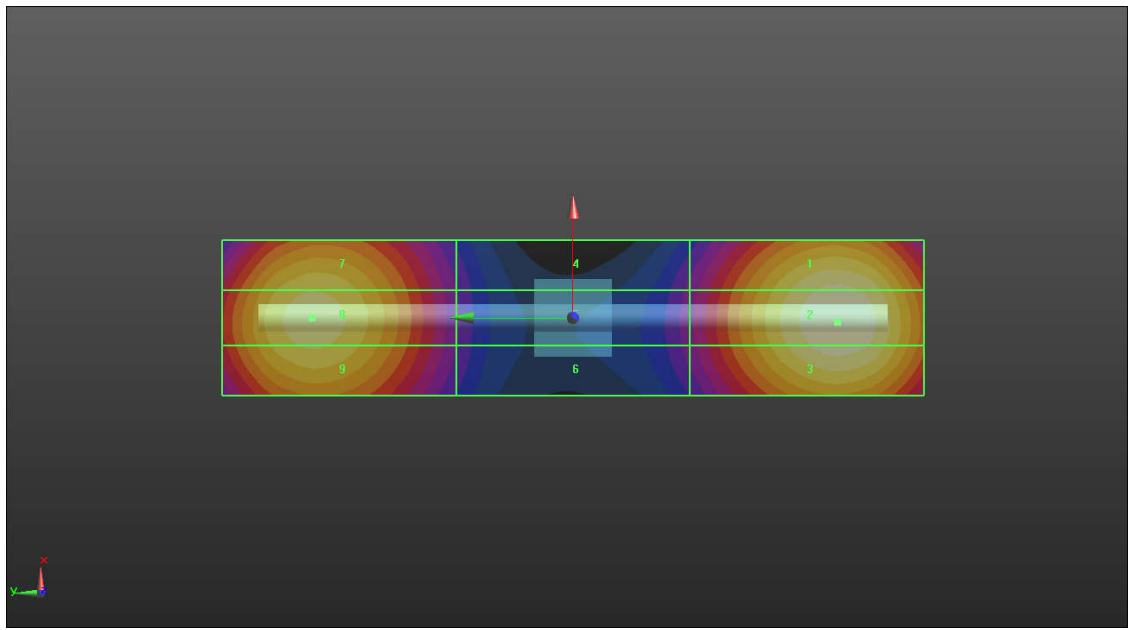
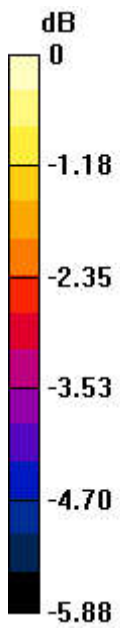
PMF scaled E-field

Grid 1 M3 91.48 V/m	Grid 2 M3 94.27 V/m	Grid 3 M3 92.39 V/m
Grid 4 M3 63.43 V/m	Grid 5 M3 64.82 V/m	Grid 6 M3 62.91 V/m
Grid 7 M3 89.22 V/m	Grid 8 M3 90.05 V/m	Grid 9 M3 88.38 V/m

Total = 94.27 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



0 dB = 94.27 V/m = 37.72 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

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 = 76.55 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.28 V/m

Average value of Total=(94.28+90.44)/2=92.36 V/m

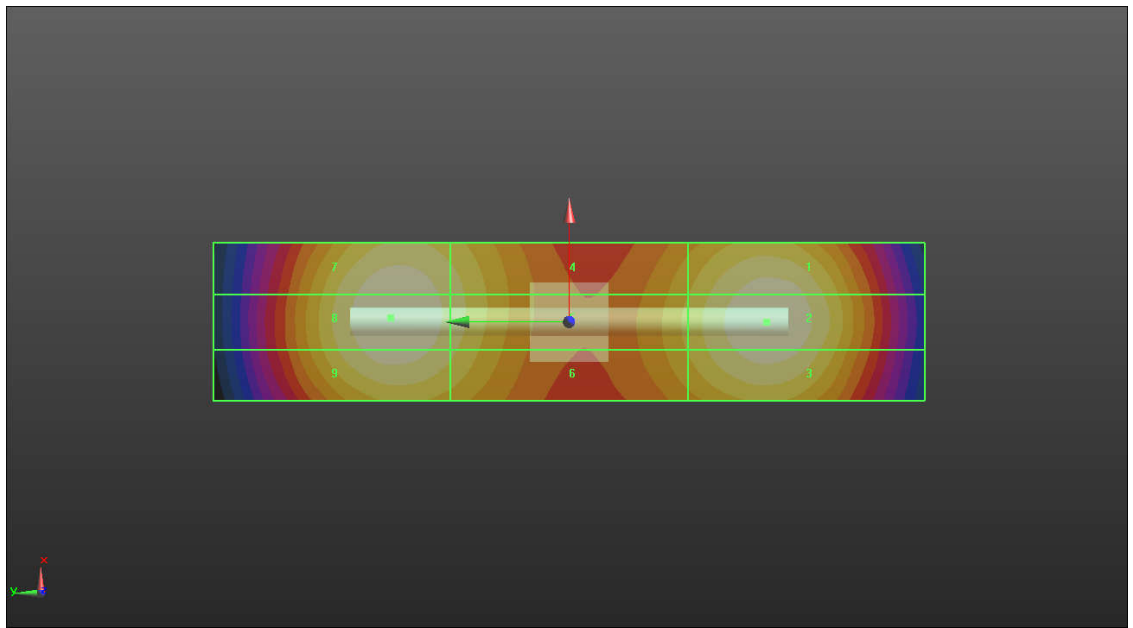
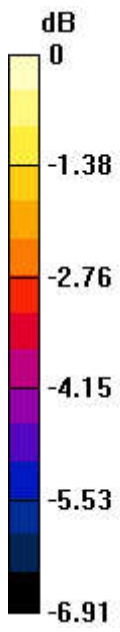
PMF scaled E-field

Grid 1 M3 90.17 V/m	Grid 2 M3 94.28 V/m	Grid 3 M3 90.34 V/m
Grid 4 M3 85.76 V/m	Grid 5 M3 86.39 V/m	Grid 6 M3 83.42 V/m
Grid 7 M3 89.45 V/m	Grid 8 M3 90.44 V/m	Grid 9 M3 88.73 V/m

Total = 94.28 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 94.28 V/m = 44.95 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: 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 = 79.21 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 95.69 V/m

Average value of Total=(95.69+93.37)/2=94.53 V/m

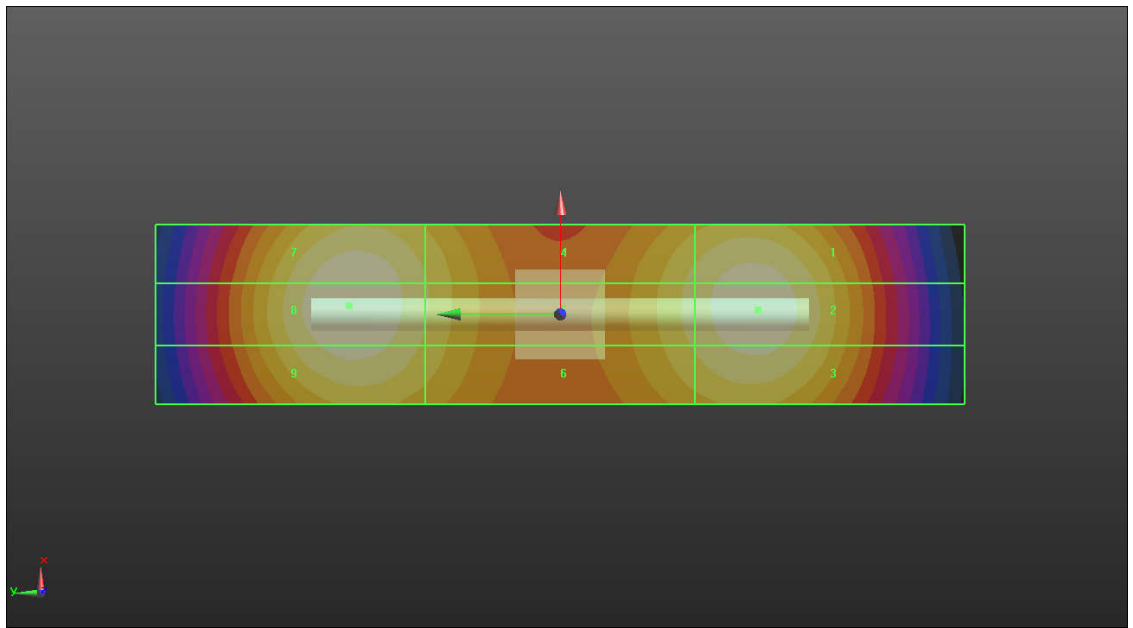
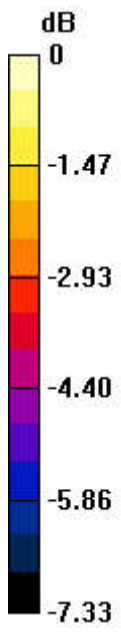
PMF scaled E-field

Grid 1 M3 93.75 V/m	Grid 2 M3 95.69 V/m	Grid 3 M3 93.83 V/m
Grid 4 M3 88.42 V/m	Grid 5 M3 88.61 V/m	Grid 6 M3 85.86 V/m
Grid 7 M3 90.43 V/m	Grid 8 M3 93.37 V/m	Grid 9 M3 91.64 V/m

Total = 95.69 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 95.69 V/m = 41.18 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 = 37.65 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.48 V/m

Average value of Total=(93.48+88.36)/2=90.92 V/m

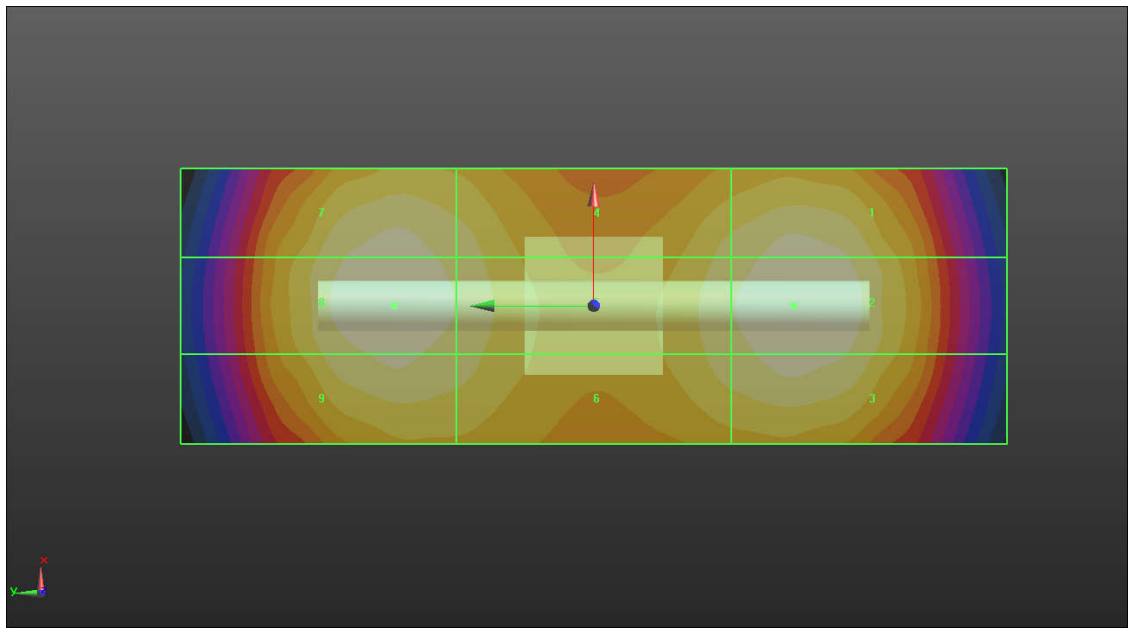
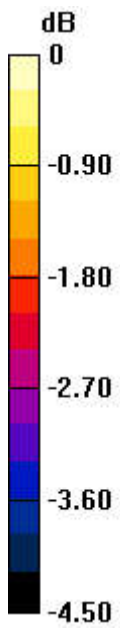
PMF scaled E-field

Grid 1 M3 90.82 V/m	Grid 2 M3 93.48 V/m	Grid 3 M3 91.65 V/m
Grid 4 M3 87.18 V/m	Grid 5 M3 88.09 V/m	Grid 6 M3 87.46 V/m
Grid 7 M3 87.75 V/m	Grid 8 M3 88.36 V/m	Grid 9 M3 87.44 V/m

Total = 93.48 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 93.48 V/m = 39.83 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 = 30.08 V/m; Power Drift = -0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 105.1 V/m

Average value of Total=(103.3+101.5)/2=102.4 V/m

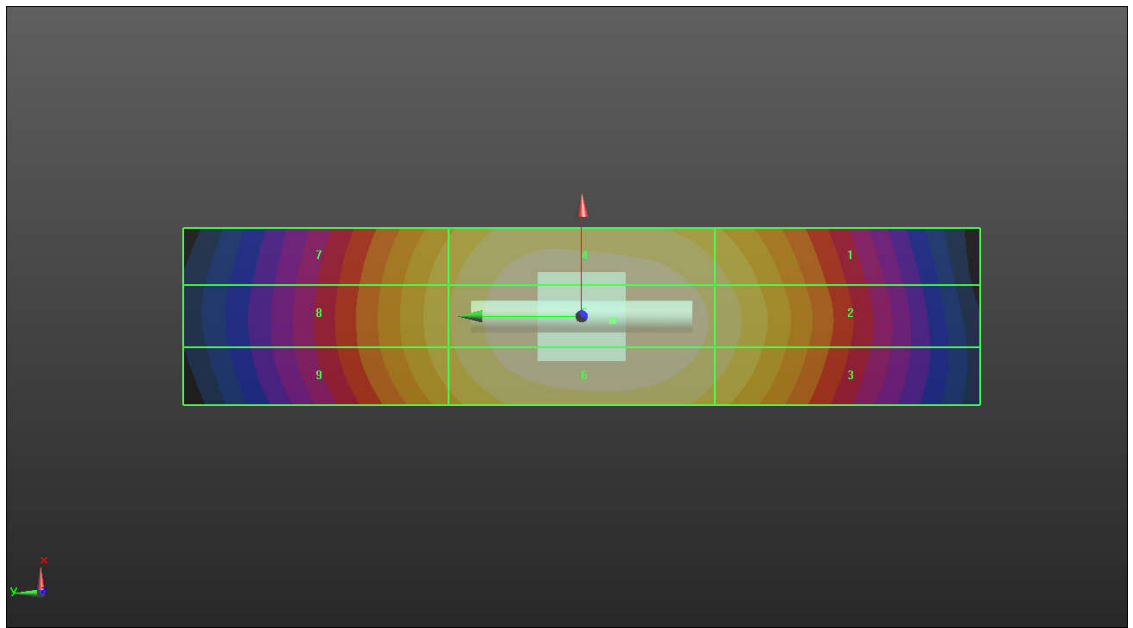
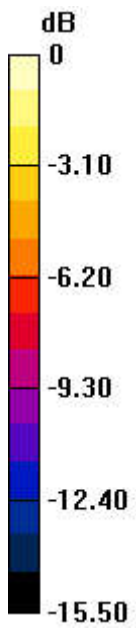
PMF scaled E-field

Grid 1 M3 91.49 V/m	Grid 2 M3 92.08 V/m	Grid 3 M3 91.62 V/m
Grid 4 M3 103.3 V/m	Grid 5 M3 105.1 V/m	Grid 6 M3 101.5 V/m
Grid 7 M3 84.08 V/m	Grid 8 M3 91.77 V/m	Grid 9 M3 85.49 V/m

Total = 105.1 V/m

E Category: M3

Location: -0.5, -3.5, 8.7 mm



0 dB = 105.1 V/m = 40.84 dBV/m