

HAC_E_Dipole_835

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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4088; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2022/9/5

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29

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

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 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 = 119.1 V/m; Power Drift = -0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 104.6 V/m

Average value of Total=(104.6+101.8) / 2 = 103.2 V/m

PMF scaled E-field

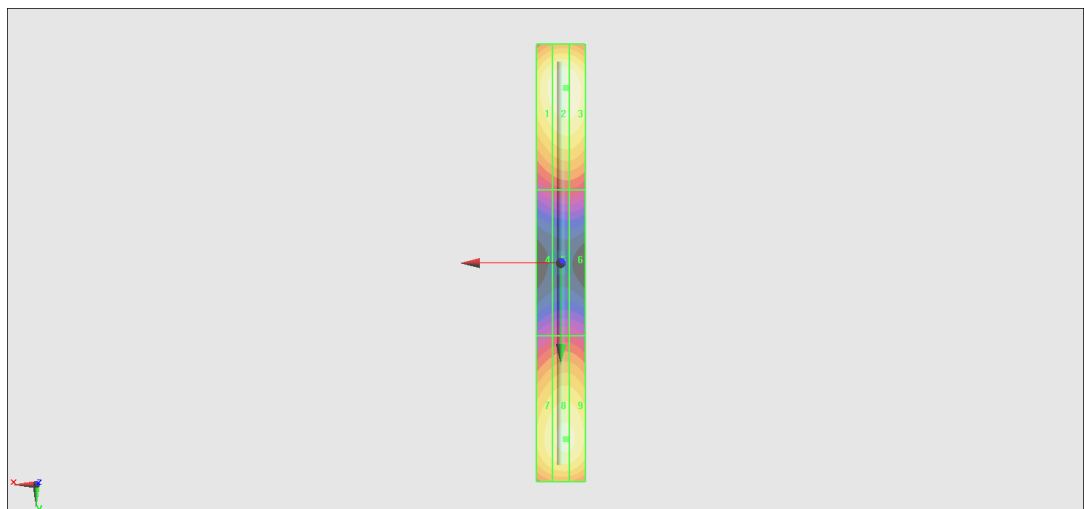
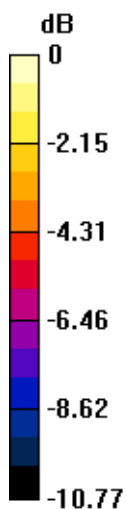
Grid 1 M4 99.94 V/m	Grid 2 M4 104.6 V/m	Grid 3 M4 104.2 V/m
Grid 4 M4 55.55 V/m	Grid 5 M4 58.09 V/m	Grid 6 M4 58.08 V/m
Grid 7 M4 98.57 V/m	Grid 8 M4 101.8 V/m	Grid 9 M4 99.79 V/m

Cursor:

Total = 104.6 V/m

E Category: M4

Location: -2, -72, 9.7 mm



0 dB = 104.6 V/m = 40.39 dBV/m

HAC_E_Dipole_1880

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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4088; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/9/5
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 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 = 129.4 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.40 V/m

Average value of Total=(86.40+83.92) / 2 = 85.16 V/m

PMF scaled E-field

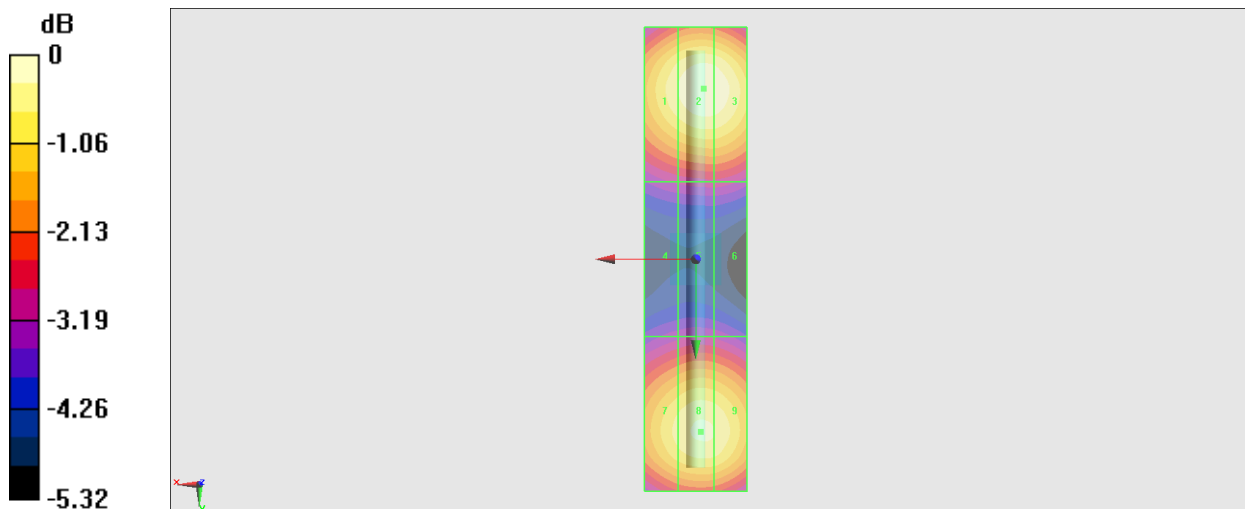
Grid 1 M3 83.37 V/m	Grid 2 M3 86.40 V/m	Grid 3 M3 86.08 V/m
Grid 4 M4 53.49 V/m	Grid 5 M4 54.52 V/m	Grid 6 M4 54.52 V/m
Grid 7 M3 81.54 V/m	Grid 8 M3 83.92 V/m	Grid 9 M3 83.48 V/m

Cursor:

Total = 86.40 V/m

E Category: M3

Location: -1.5, -33, 9.7 mm



0 dB = 86.40 V/m = 38.73 dBV/m

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: 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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4088; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2022/9/5
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD2450 = 10mm & 15mm
2/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 = 74.97 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.49 V/m

Average value of Total=(86.49+85.43) / 2 = 85.96 V/m

PMF scaled E-field

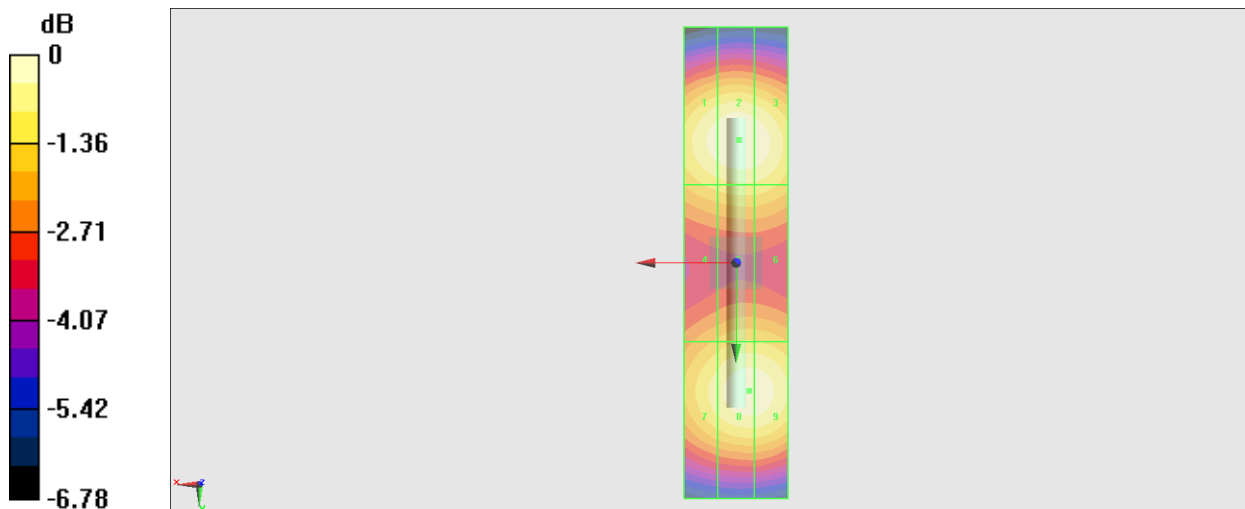
Grid 1 M3 84.74 V/m	Grid 2 M3 86.49 V/m	Grid 3 M3 85.66 V/m
Grid 4 M3 72.29 V/m	Grid 5 M3 73.67 V/m	Grid 6 M3 73.46 V/m
Grid 7 M3 81.30 V/m	Grid 8 M3 85.43 V/m	Grid 9 M3 85.33 V/m

Cursor:

Total = 86.49 V/m

E Category: M3

Location: -0.5, -23.5, 9.7 mm



0 dB = 86.49 V/m = 38.74 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 MHz

Communication System: CW; 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1696; Calibrated: 2022/11/9
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD2600 = 10mm & 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 = 71.60 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.59 V/m

Average value of Total=(87.72+88.59) / 2 = 88.155 V/m

PMF scaled E-field

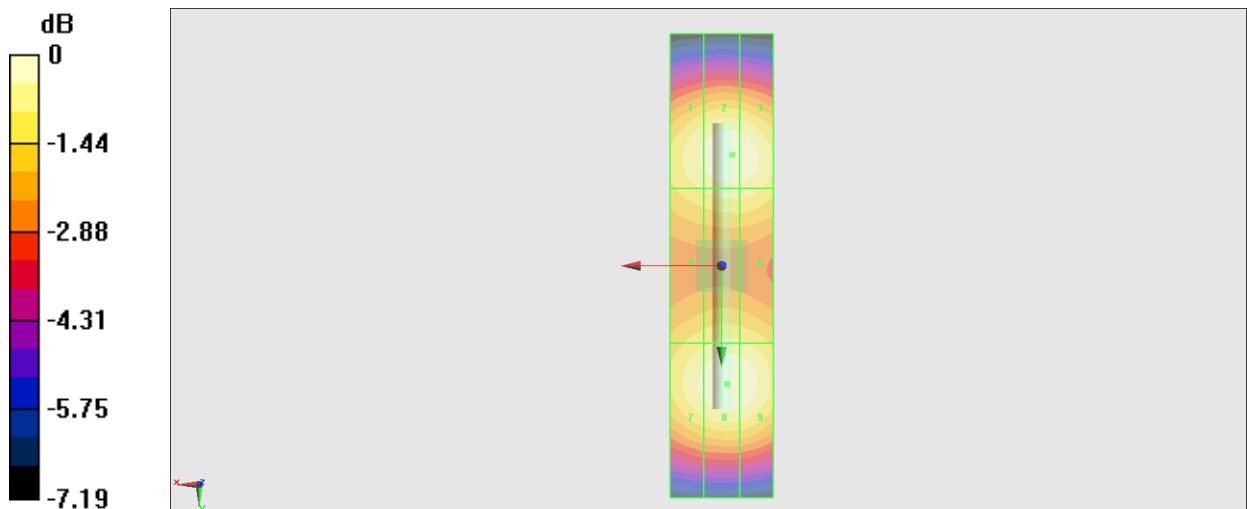
Grid 1 M3 84.66 V/m	Grid 2 M3 87.72 V/m	Grid 3 M3 87.37 V/m
Grid 4 M3 80.05 V/m	Grid 5 M3 82.46 V/m	Grid 6 M3 82.33 V/m
Grid 7 M3 85.24 V/m	Grid 8 M3 88.59 V/m	Grid 9 M3 87.83 V/m

Cursor:

Total = 88.59 V/m

E Category: M3

Location: -1, 23, 9.7 mm



0 dB = 88.59 V/m = 38.95 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: CW; 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1696; Calibrated: 2022/11/9
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD3500 = 10mm & 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 = 36.63 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.89 V/m

Average value of Total=(87.89+86.76) / 2 = 87.325 V/m

PMF scaled E-field

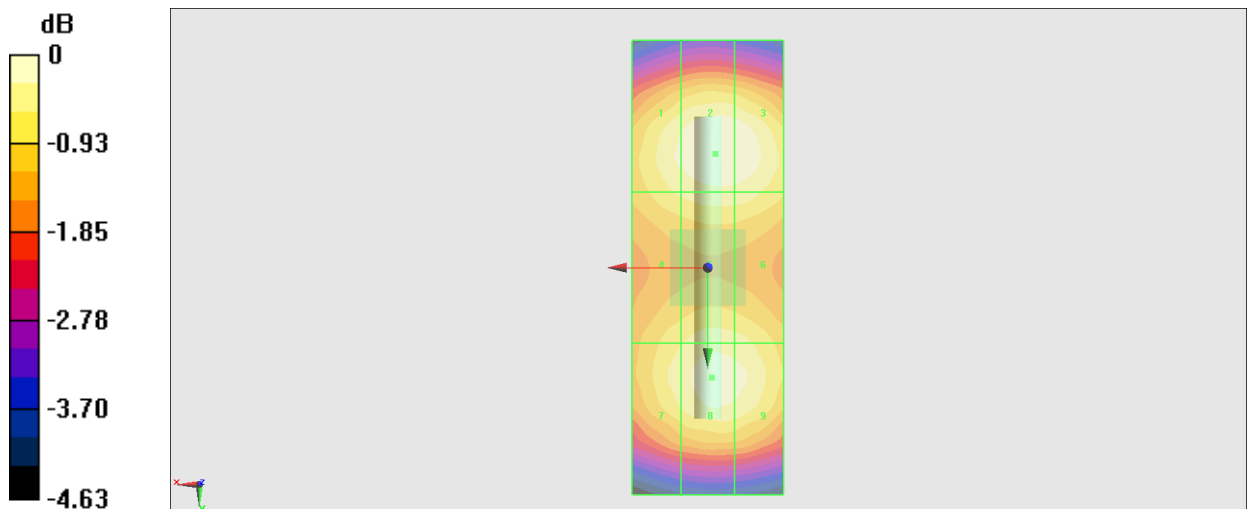
Grid 1 M3 85.52 V/m	Grid 2 M3 87.89 V/m	Grid 3 M3 87.64 V/m
Grid 4 M3 82.52 V/m	Grid 5 M3 84.08 V/m	Grid 6 M3 83.96 V/m
Grid 7 M3 83.73 V/m	Grid 8 M3 86.76 V/m	Grid 9 M3 85.92 V/m

Cursor:

Total = 87.89 V/m

E Category: M3

Location: -1, -15, 9.7 mm



0 dB = 87.89 V/m = 38.88 dBV/m

HAC_E_Dipole_5500

DUT: HAC Dipole 5500 MHz

Communication System: CW; 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 : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4088; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2022/9/5
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD5500 = 10mm & 15mm 2/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 = 29.12 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.7 V/m

Average value of Total=(91.19+94.42) / 2 = 92.805 V/m

PMF scaled E-field

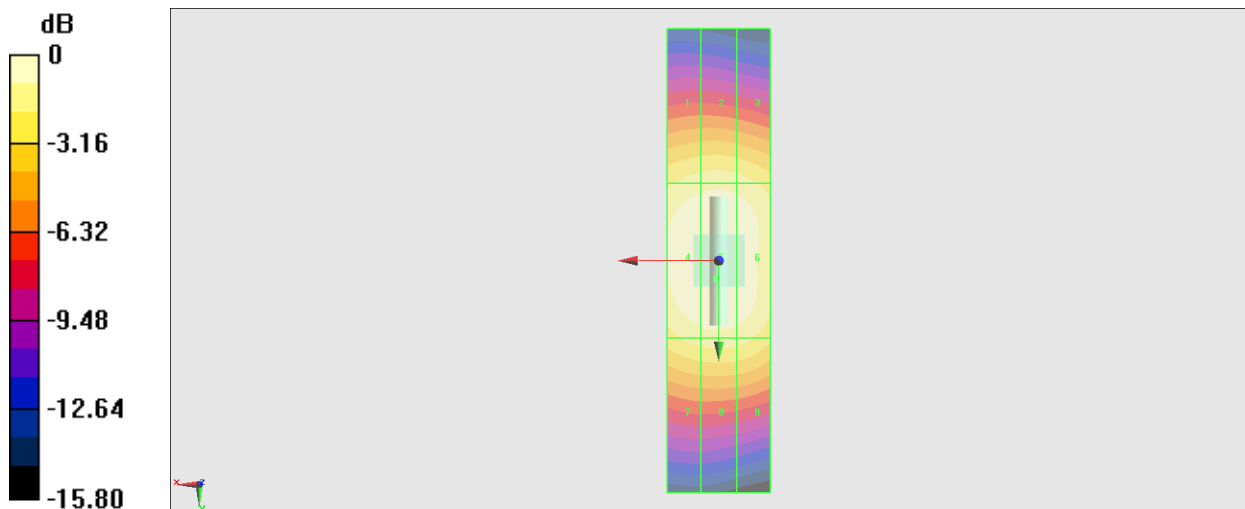
Grid 1 M3 89.12 V/m	Grid 2 M3 91.19 V/m	Grid 3 M3 89.11 V/m
Grid 4 M3 107.4 V/m	Grid 5 M3 110.7 V/m	Grid 6 M3 109.3 V/m
Grid 7 M3 92.51 V/m	Grid 8 M3 94.42 V/m	Grid 9 M3 93.07 V/m

Cursor:

Total = 110.7 V/m

E Category: M3

Location: 0.5, 3.5, 9.7 mm



0 dB = 110.7 V/m = 40.88 dBV/m

HAC_E_Dipole_5500

DUT: HAC Dipole 5500 MHz

Communication System: CW; 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 : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4088; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2022/9/5
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD5500 = 10mm & 15mm 2/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 = 23.85 V/m; Power Drift = -0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 105.6 V/m

Average value of Total=(102.8+103.4) / 2 = 103.1 V/m

PMF scaled E-field

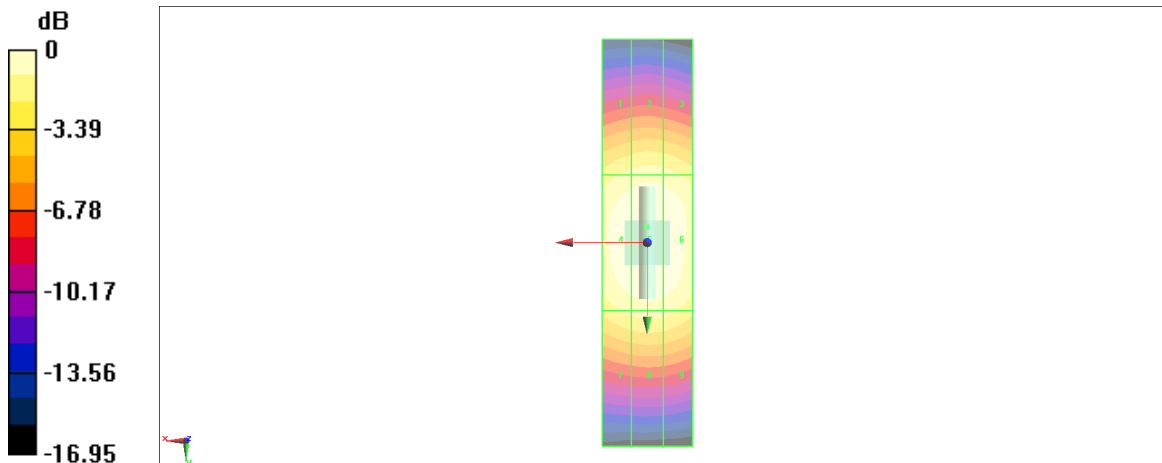
Grid 1 M3 85.12 V/m	Grid 2 M3 88.08 V/m	Grid 3 M3 86.80 V/m
Grid 4 M3 102.8 V/m	Grid 5 M3 105.6 V/m	Grid 6 M3 103.4 V/m
Grid 7 M3 84.75 V/m	Grid 8 M3 87.24 V/m	Grid 9 M3 85.86 V/m

Cursor:

Total = 105.6 V/m

E Category: M3

Location: 0, -3.5, 9.7 mm



0 dB = 105.6 V/m = 40.47 dBV/m