

HAC-RF Emission

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2019;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Dipole E-Field measurement 835MHz/835 MHz/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 = 117.1 V/m; Power Drift = 0.20 dB

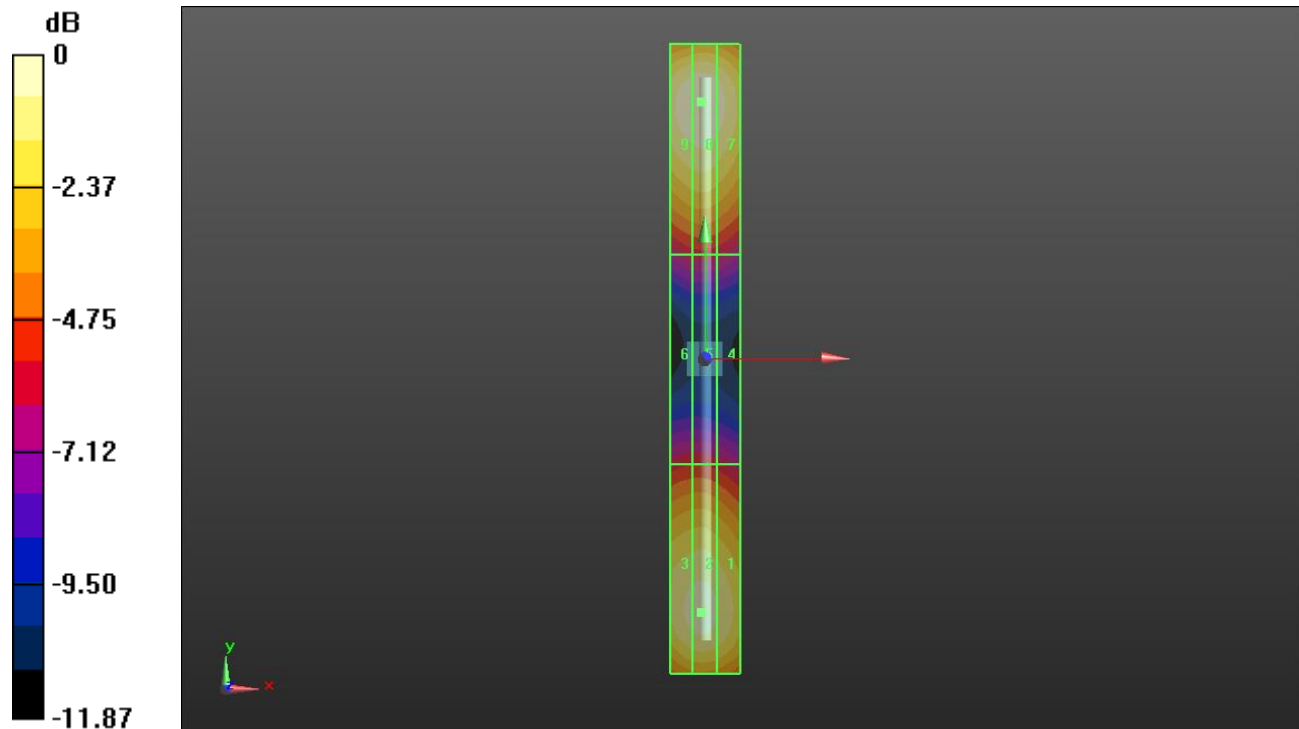
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.7 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 100.4 V/m	Grid 2 M4 104.1 V/m	Grid 3 M4 103.2 V/m
Grid 4 M4 55.79 V/m	Grid 5 M4 57.97 V/m	Grid 6 M4 57.80 V/m
Grid 7 M4 104.9 V/m	Grid 8 M4 109.7 V/m	Grid 9 M4 108.2 V/m



0 dB = 109.7 V/m = 40.80 dBV/m

HAC-RF Emission

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2019;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Dipole E-Field Measurement 1880MHz/1880 MHz/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 = 144.4 V/m; Power Drift = 0.03 dB

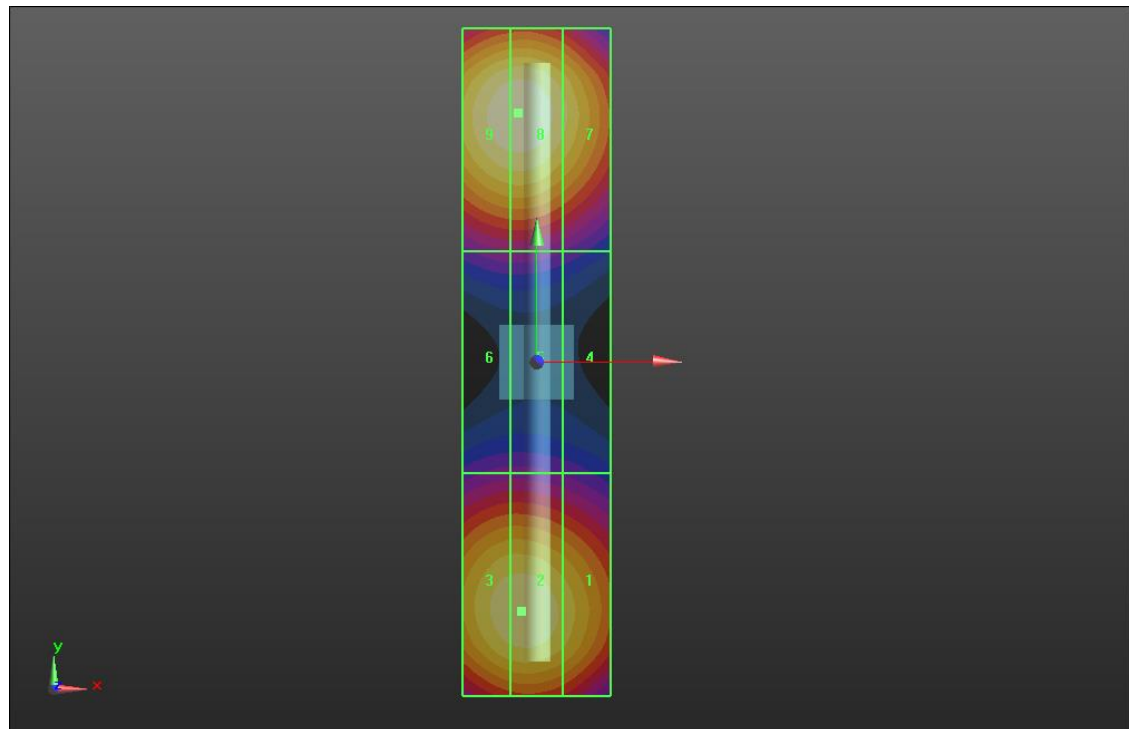
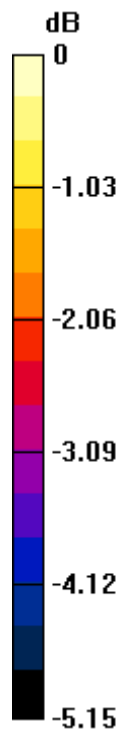
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.53 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M3 83.93 V/m	Grid 2 M3 87.68 V/m	Grid 3 M3 87.37 V/m
Grid 4 M4 61.88 V/m	Grid 5 M3 64.37 V/m	Grid 6 M3 64.32 V/m
Grid 7 M3 85.74 V/m	Grid 8 M3 91.53 V/m	Grid 9 M3 91.34 V/m



0 dB = 91.53 V/m = 39.23 dBV/m

HAC-RF Emission

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2019;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Dipole E-Field Measurement 2600MHz/2600 MHz/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 = 64.93 V/m; Power Drift = 0.03 dB

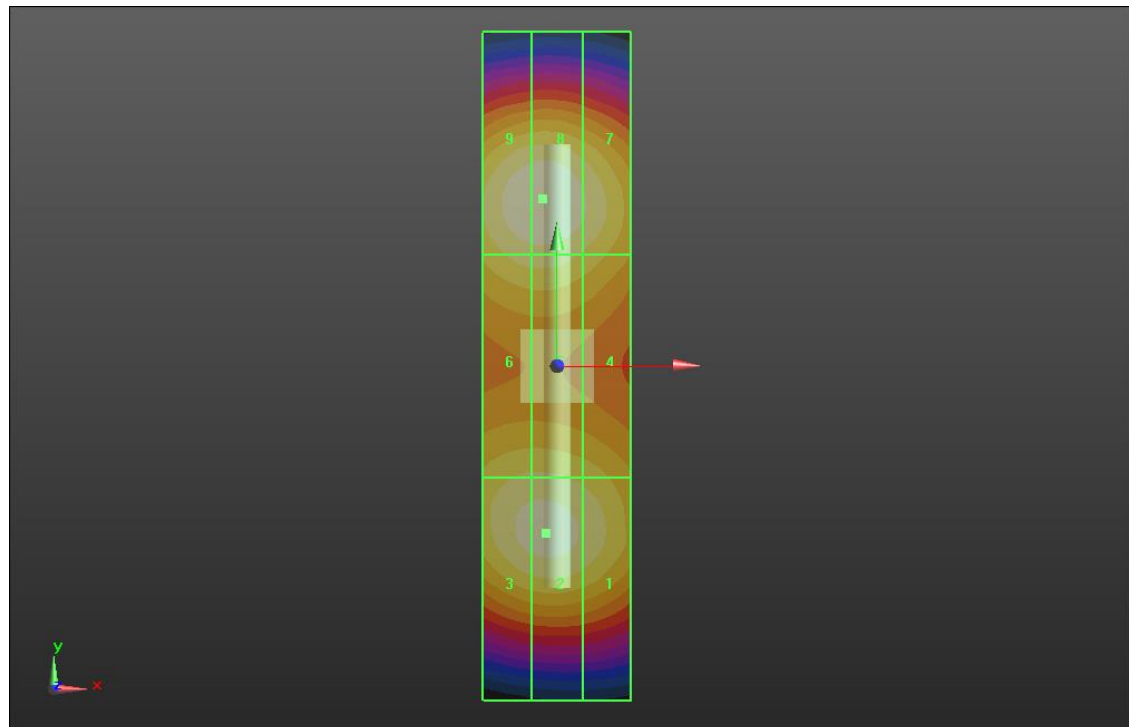
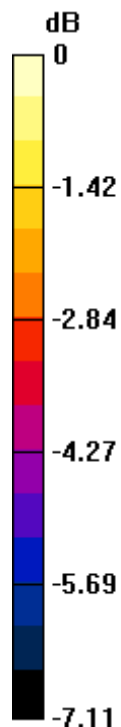
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.94 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M3 81.74 V/m	Grid 2 M3 84.40 V/m	Grid 3 M3 83.93 V/m
Grid 4 M3 77.27 V/m	Grid 5 M3 80.61 V/m	Grid 6 M3 80.35 V/m
Grid 7 M3 82.93 V/m	Grid 8 M3 86.94 V/m	Grid 9 M3 86.50 V/m



0 dB = 86.94 V/m = 38.78 dBV/m

HAC-RF Emission

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2019;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Dipole E-Field Measurement 2450MHz/2450 MHz/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 = 76.86 V/m; Power Drift = 0.12 dB

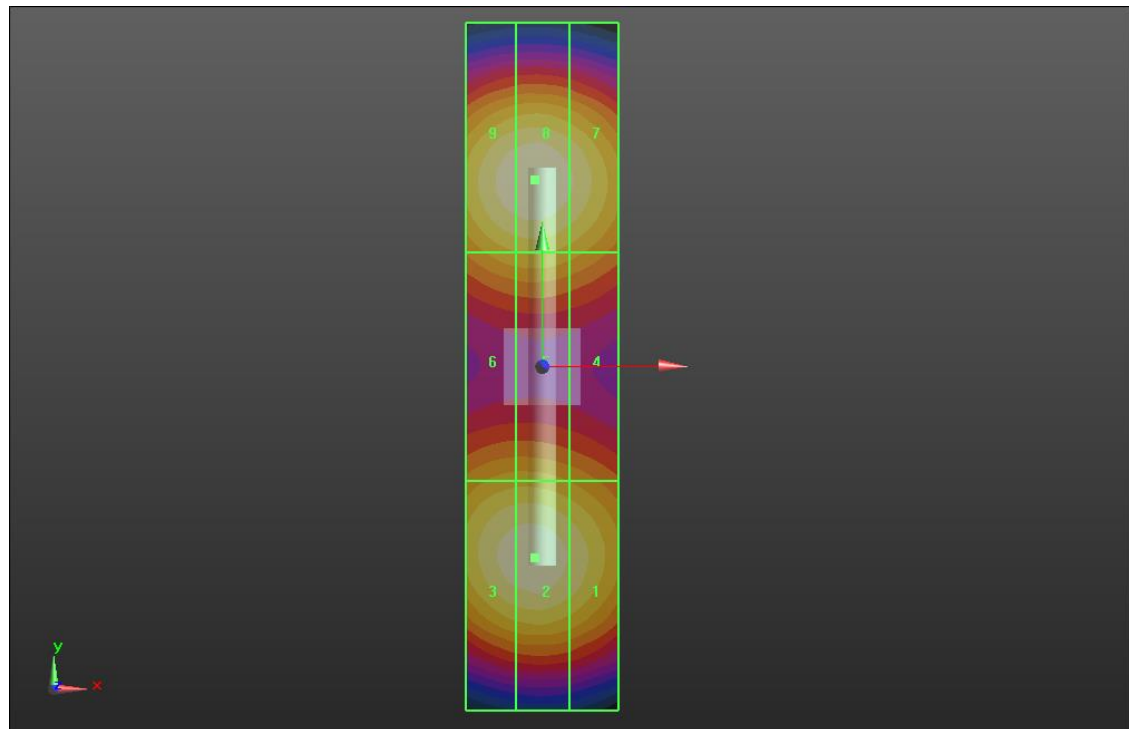
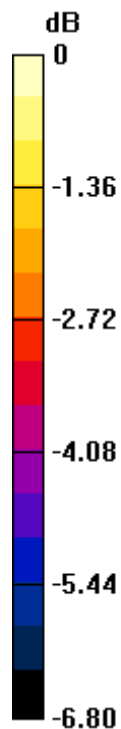
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 93.96 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M3 88.86 V/m	Grid 2 M3 92.78 V/m	Grid 3 M3 91.98 V/m
Grid 4 M3 78.43 V/m	Grid 5 M3 80.98 V/m	Grid 6 M3 80.27 V/m
Grid 7 M3 90.05 V/m	Grid 8 M3 93.96 V/m	Grid 9 M3 92.77 V/m



0 dB = 93.96 V/m = 39.46 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2019;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Dipole E-Field Measurement 5.5GHz/5.5GHz/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 = 29.43 V/m; Power Drift = 0.02 dB

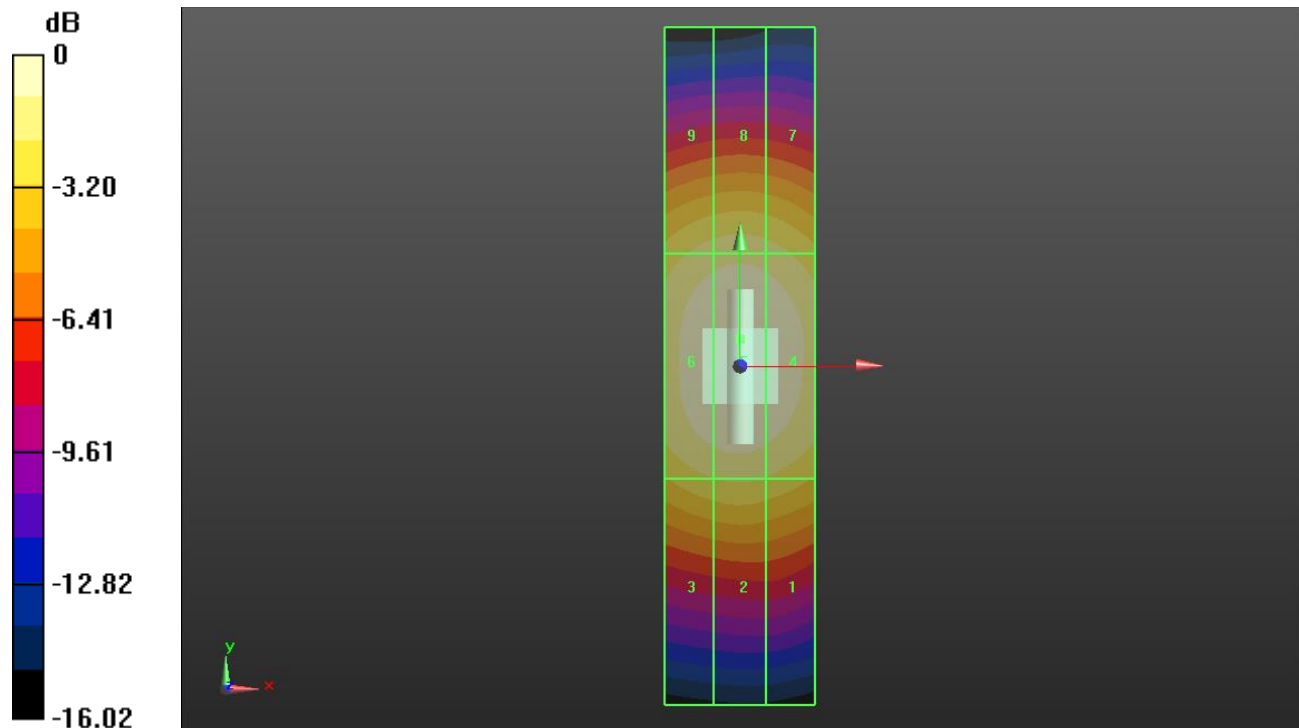
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 113.0 V/m

Near-field category: **M2 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M3 87.31 V/m	Grid 2 M3 89.84 V/m	Grid 3 M3 87.91 V/m
Grid 4 M3 110.3 V/m	Grid 5 M2 113.0 V/m	Grid 6 M3 109.8 V/m
Grid 7 M3 93.78 V/m	Grid 8 M3 96.21 V/m	Grid 9 M3 94.08 V/m



0 dB = 113.0 V/m = 41.06 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/6/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Dipole E-Field Measurement 3500MHz/3500 MHz/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 = 37.33 V/m; Power Drift = -0.14 dB

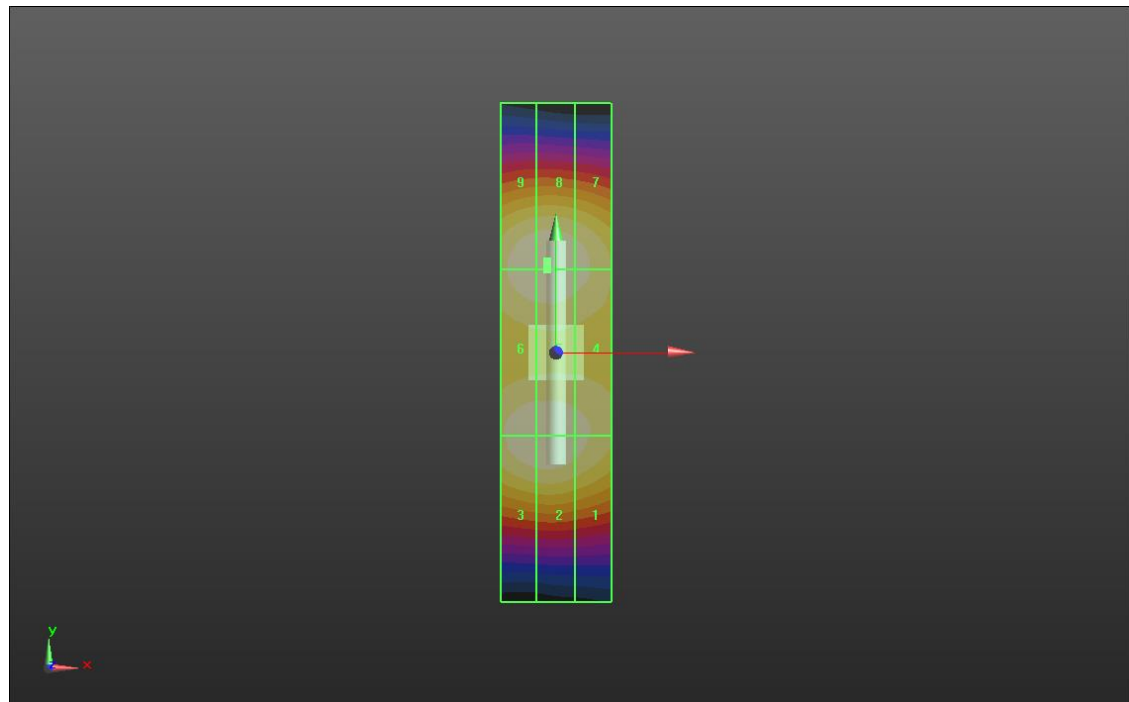
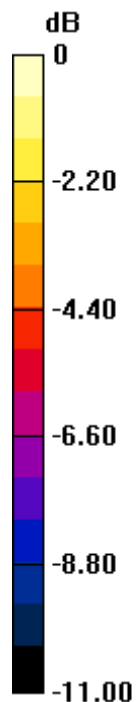
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.44 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M3 84.33 V/m	Grid 2 M3 87.90 V/m	Grid 3 M3 87.48 V/m
Grid 4 M3 84.82 V/m	Grid 5 M3 88.22 V/m	Grid 6 M3 87.60 V/m
Grid 7 M3 84.95 V/m	Grid 8 M3 88.44 V/m	Grid 9 M3 87.76 V/m



0 dB = 88.44 V/m = 38.93 dBV/m