

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) @ 835 MHz; 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 52.10 (2);SEMCAD X Version 14.6.12 (7470)

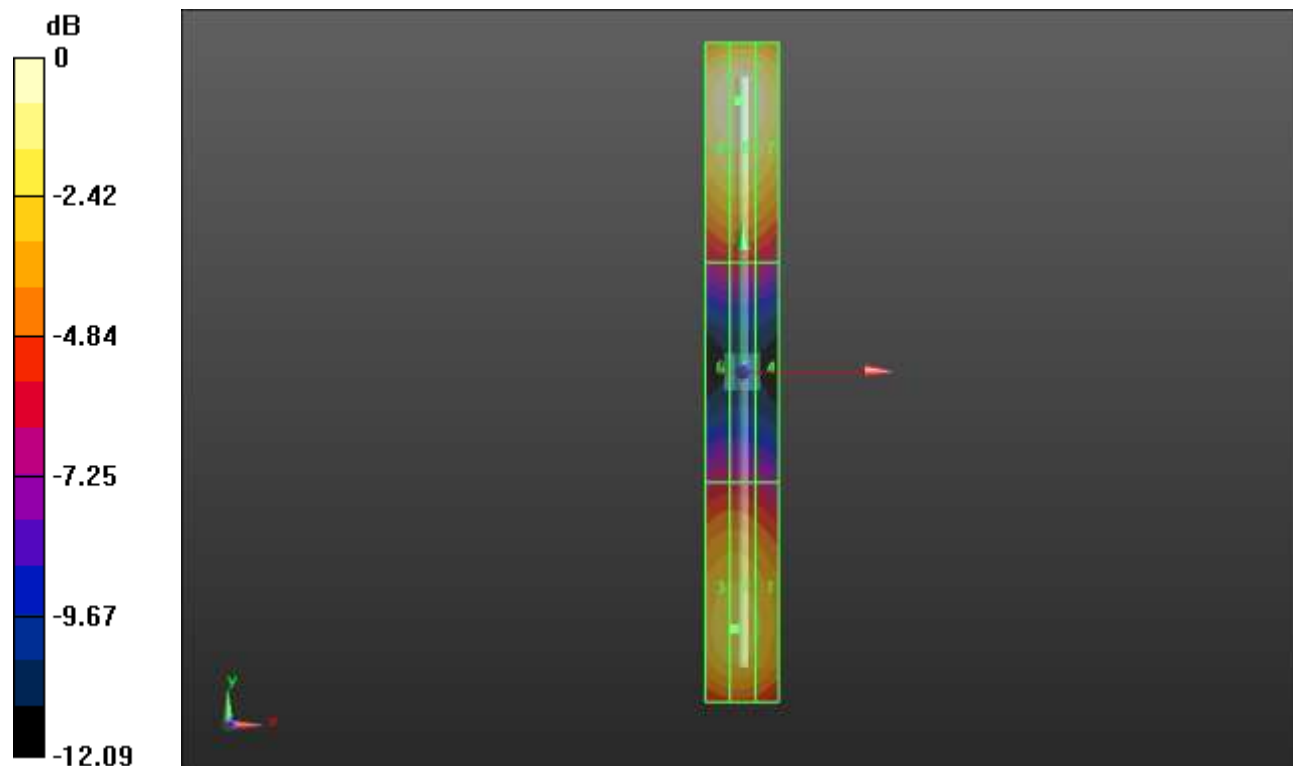
Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 120.6 V/m; Power Drift = 0.12 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 114.2 V/m

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

PMF scaled E-field

Grid 1 M4 88.70 V/m	Grid 2 M4 92.95 V/m	Grid 3 M4 92.69 V/m
Grid 4 M4 56.75 V/m	Grid 5 M4 58.08 V/m	Grid 6 M4 57.71 V/m
Grid 7 M4 109.9 V/m	Grid 8 M4 114.2 V/m	Grid 9 M4 113.1 V/m



0 dB = 114.2 V/m = 41.15 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) @ 1880 MHz; 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 52.10 (2);SEMCAD X Version 14.6.12 (7470)

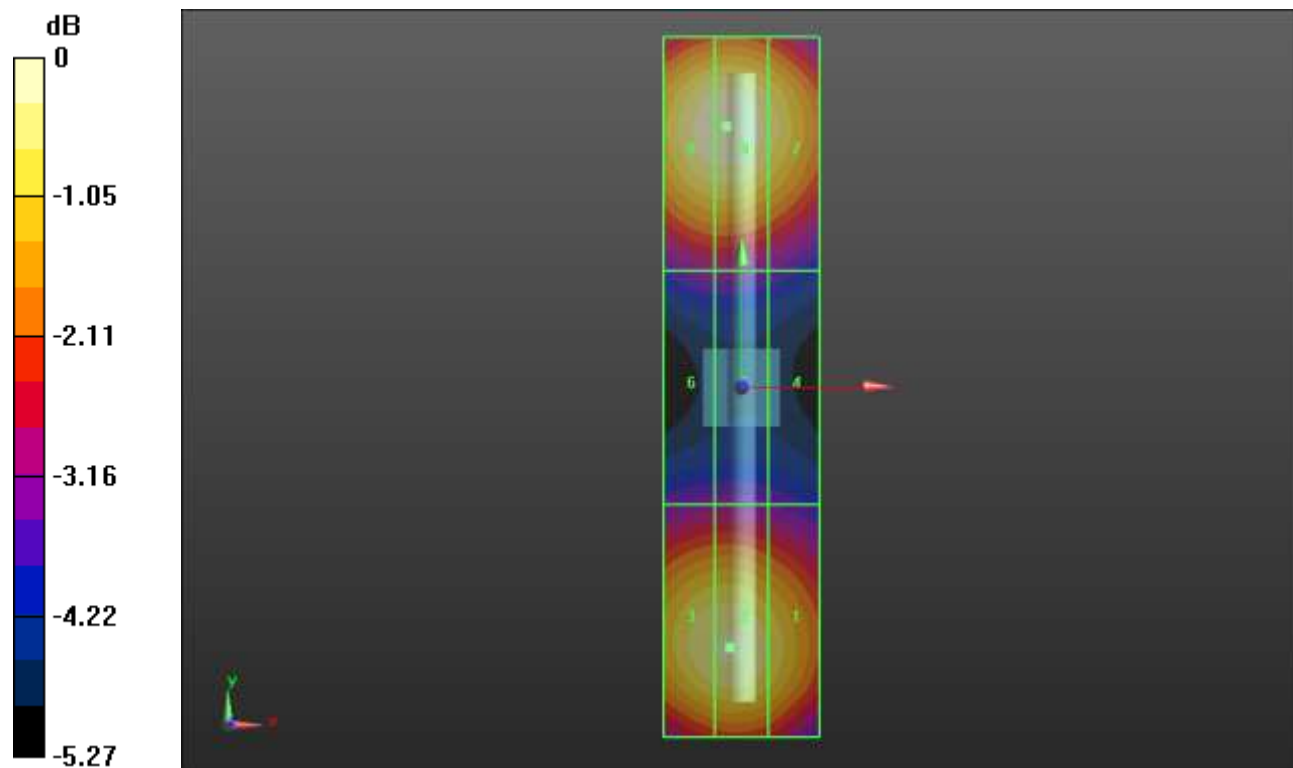
Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 134.2 V/m; Power Drift = 0.07 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 82.80 V/m

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

PMF scaled E-field

Grid 1 M3 76.32 V/m	Grid 2 M3 80.05 V/m	Grid 3 M3 79.54 V/m
Grid 4 M4 55.54 V/m	Grid 5 M4 57.38 V/m	Grid 6 M4 57.33 V/m
Grid 7 M3 78.44 V/m	Grid 8 M3 82.80 V/m	Grid 9 M3 82.48 V/m



0 dB = 82.80 V/m = 38.36 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) @ 2600 MHz; 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 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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 = 63.07 V/m; Power Drift = 0.01 dB

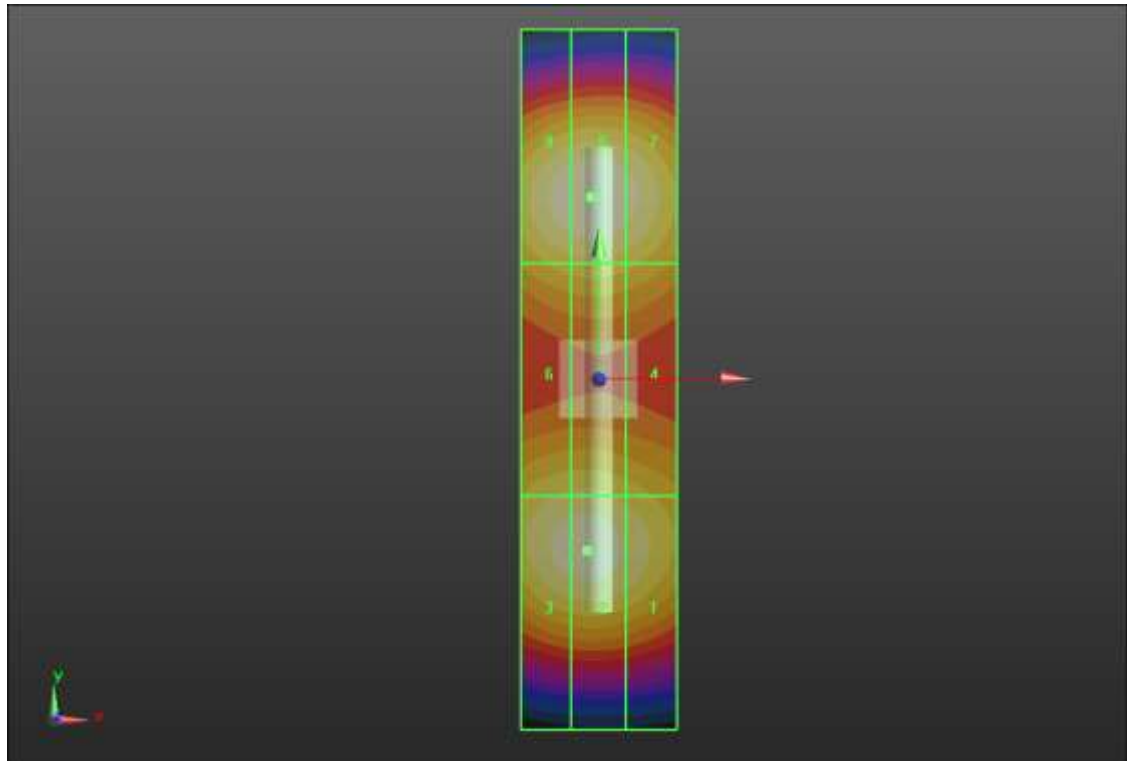
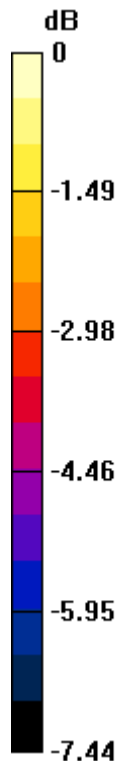
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 81.45 V/m

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

PMF scaled E-field

Grid 1 M3 76.33 V/m	Grid 2 M3 79.59 V/m	Grid 3 M3 79.16 V/m
Grid 4 M3 71.45 V/m	Grid 5 M3 74.00 V/m	Grid 6 M3 73.80 V/m
Grid 7 M3 78.83 V/m	Grid 8 M3 81.45 V/m	Grid 9 M3 80.64 V/m



0 dB = 81.45 V/m = 38.22 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 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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 = 34.45 V/m; Power Drift = -0.26 dB

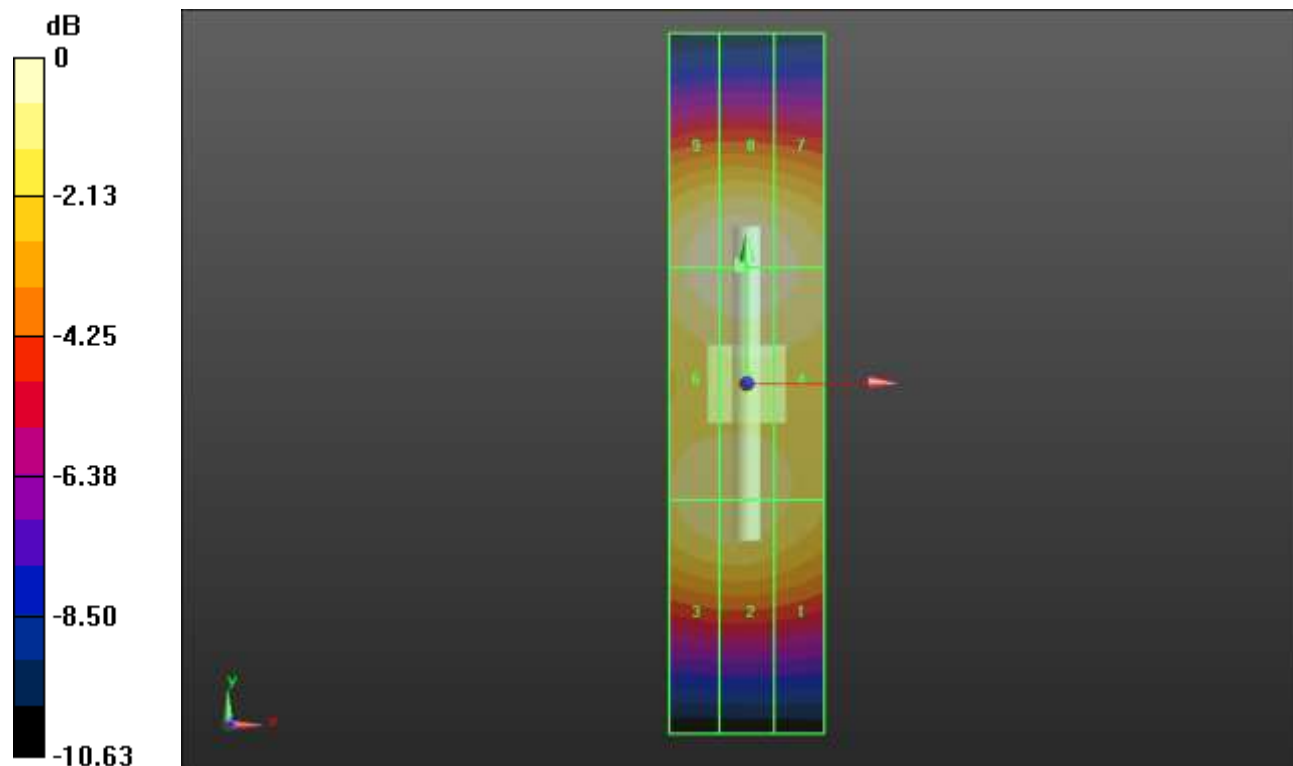
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 82.17 V/m

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

PMF scaled E-field

Grid 1 M3 71.81 V/m	Grid 2 M3 74.97 V/m	Grid 3 M3 74.71 V/m
Grid 4 M3 79.35 V/m	Grid 5 M3 82.15 V/m	Grid 6 M3 81.10 V/m
Grid 7 M3 79.35 V/m	Grid 8 M3 82.17 V/m	Grid 9 M3 81.15 V/m



0 dB = 82.17 V/m = 38.29 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) @ 2450 MHz; 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 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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 = 69.17 V/m; Power Drift = -0.00 dB

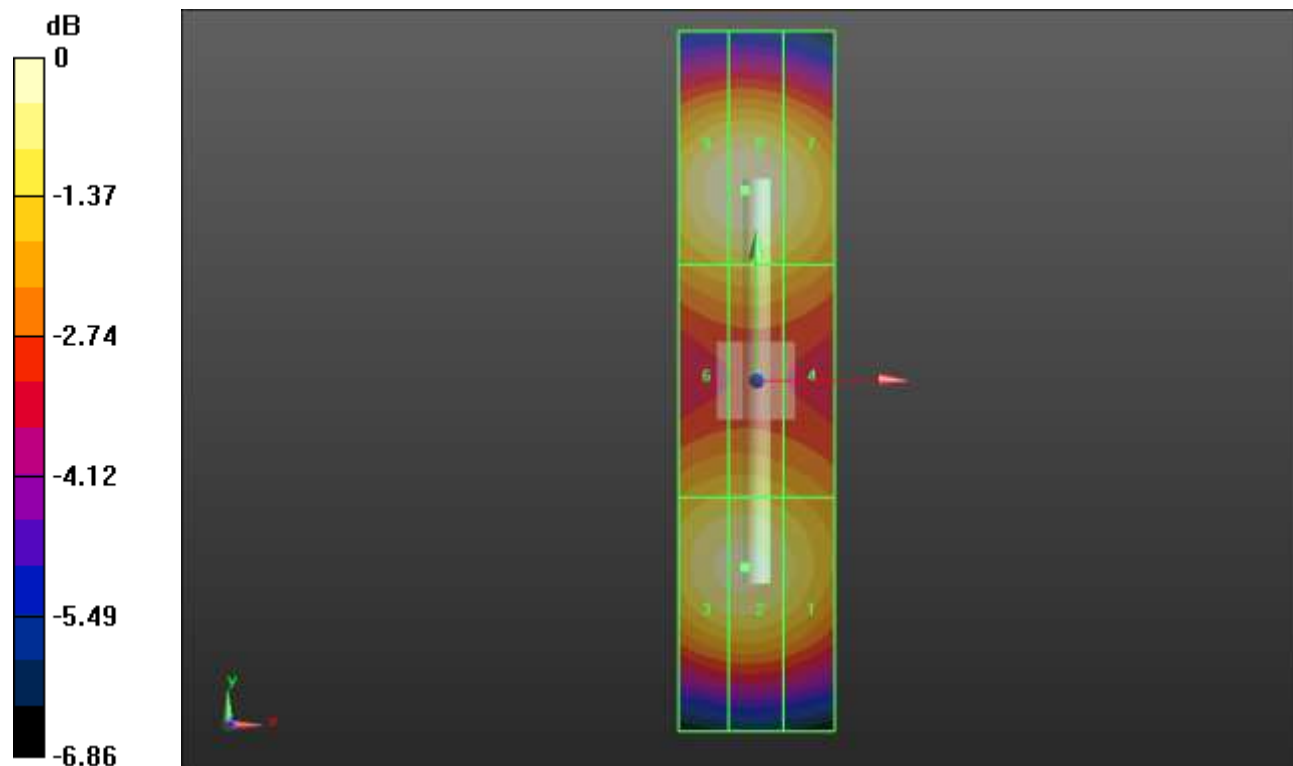
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 80.77 V/m

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

PMF scaled E-field

Grid 1 M3 74.46 V/m	Grid 2 M3 78.34 V/m	Grid 3 M3 78.04 V/m
Grid 4 M3 67.76 V/m	Grid 5 M3 70.05 V/m	Grid 6 M3 69.85 V/m
Grid 7 M3 76.96 V/m	Grid 8 M3 80.77 V/m	Grid 9 M3 80.18 V/m



0 dB = 80.77 V/m = 38.15 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) @ 5500 MHz; 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 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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 = 30.73 V/m; Power Drift = 0.21 dB

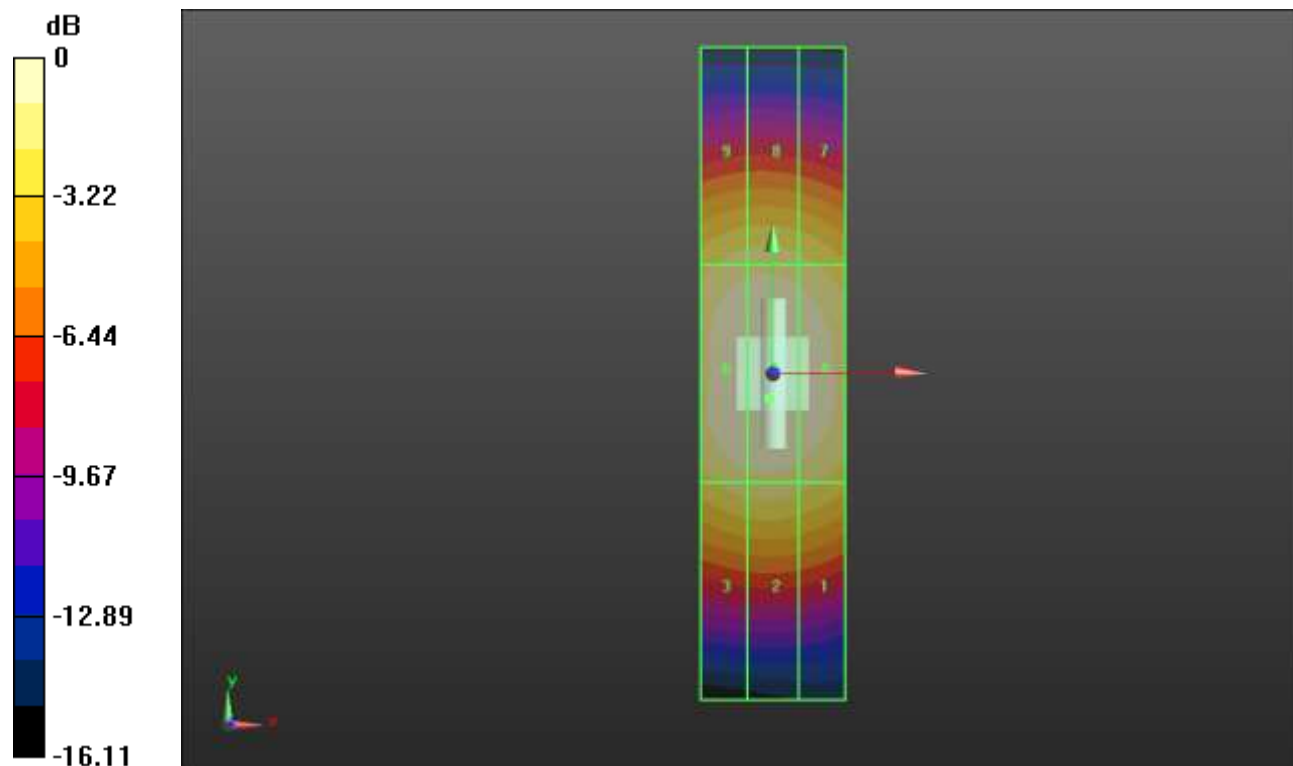
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 118.9 V/m

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

PMF scaled E-field

Grid 1 M3 97.39 V/m	Grid 2 M3 101.2 V/m	Grid 3 M3 100.1 V/m
Grid 4 M2 116.0 V/m	Grid 5 M2 118.9 V/m	Grid 6 M2 117.3 V/m
Grid 7 M3 97.67 V/m	Grid 8 M3 101.6 V/m	Grid 9 M3 100.3 V/m



0 dB = 118.9 V/m = 41.50 dBV/m