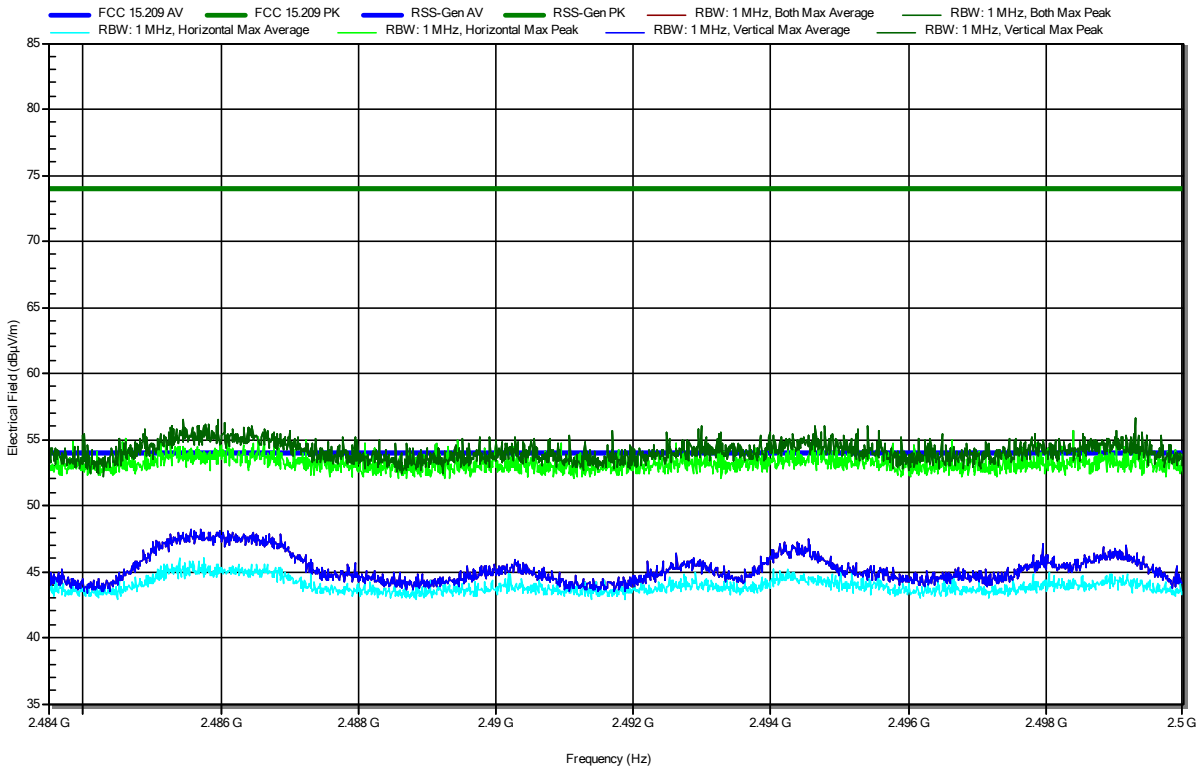
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11b, Ch11, 2462 GHz, 1 Mbps, BPSK, DC=99%, P=19 dBm |
| Test Date: | 2023-07-17 |
| Note: | upper bandedge |

Index 120

RadiMation

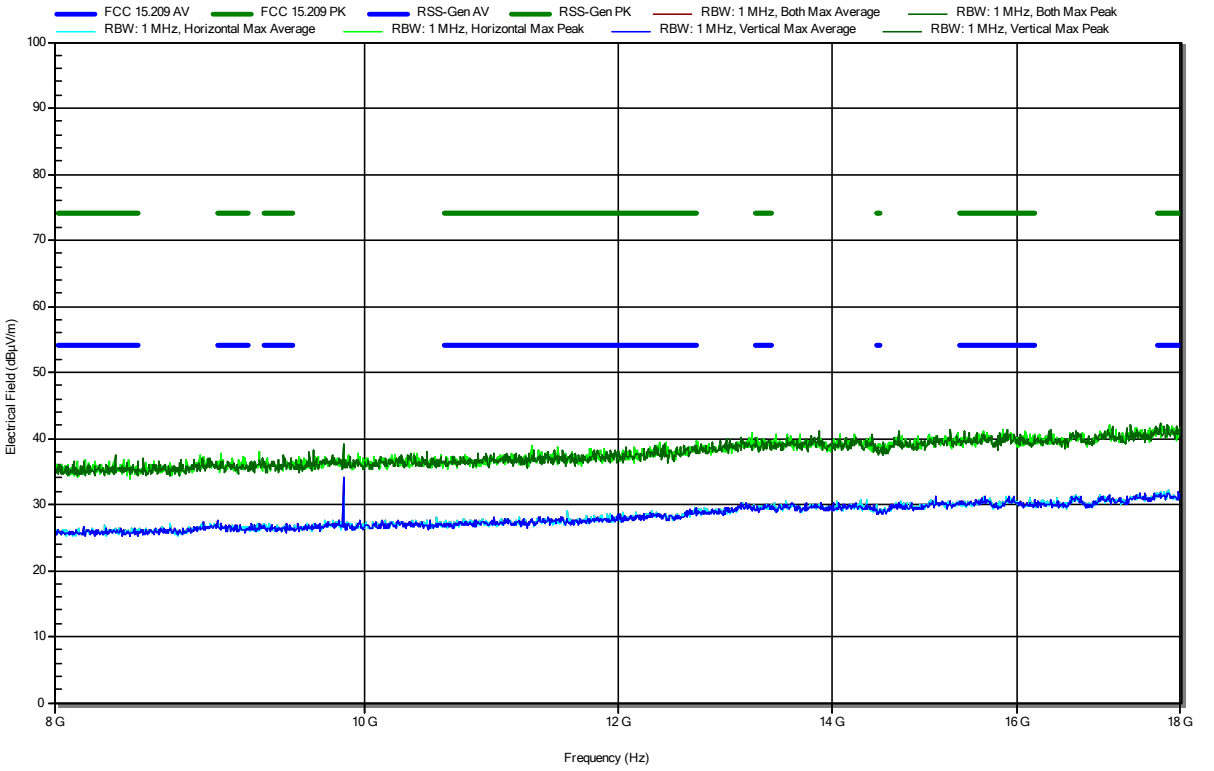


## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11b, Ch11, 2462 GHz, 1 Mbps, BPSK, DC=99%, P=19 dBm |
| Test Date: | 2023-07-18 |
| Note: | |

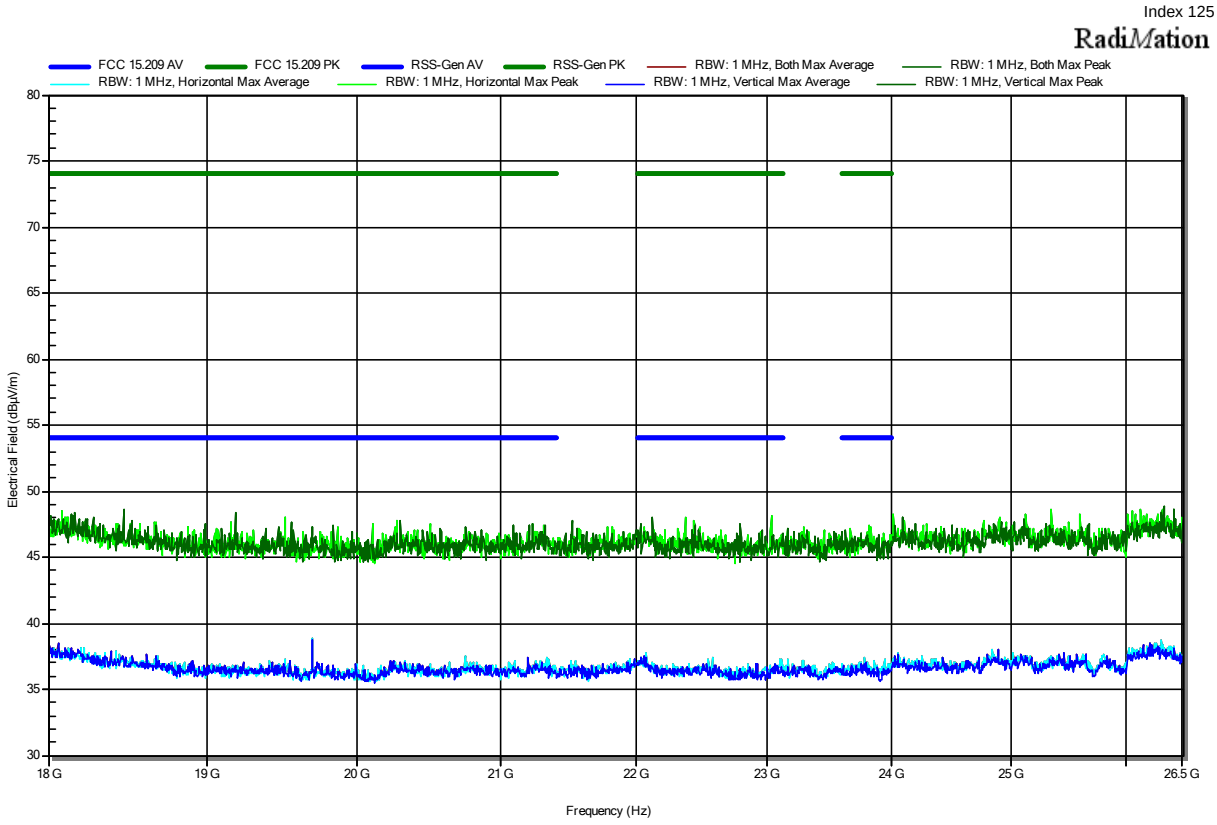
Index 124

RadiMation



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11b, Ch11, 2462 GHz, 1 Mbps, BPSK, DC=99%, P=19 dBm |
| Test Date: | 2023-07-18 |



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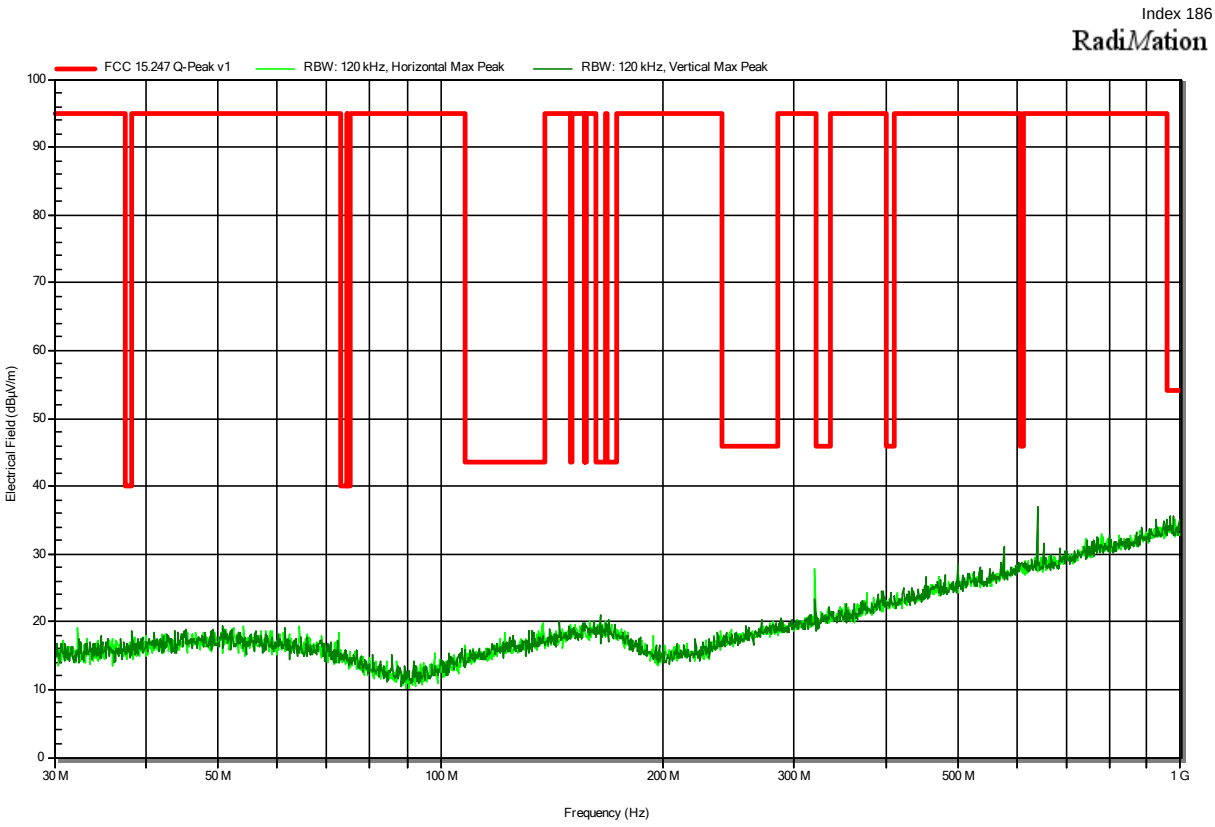
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 20 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch1, 2412 GHz, 6 Mpbs, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-26 |



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| Project Number: | G0M-2302-1881 |
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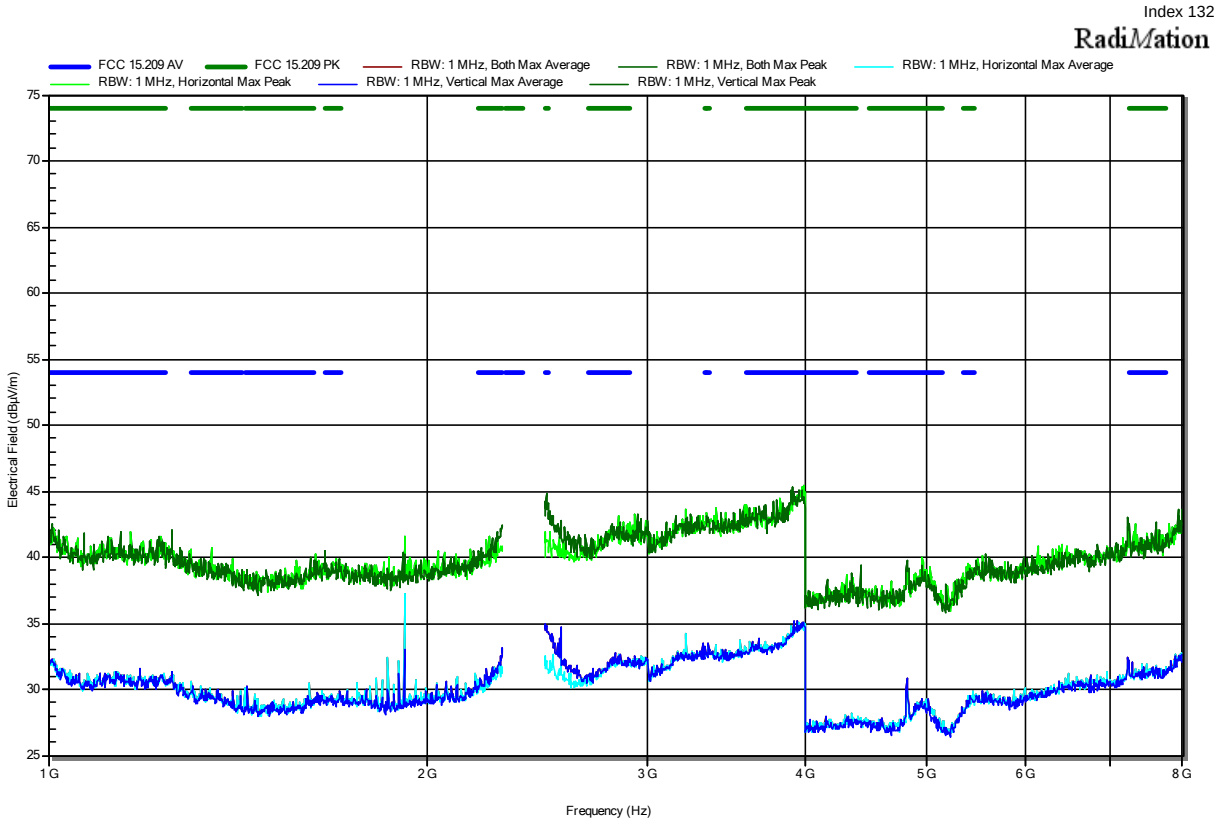
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch1, 2412 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



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| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
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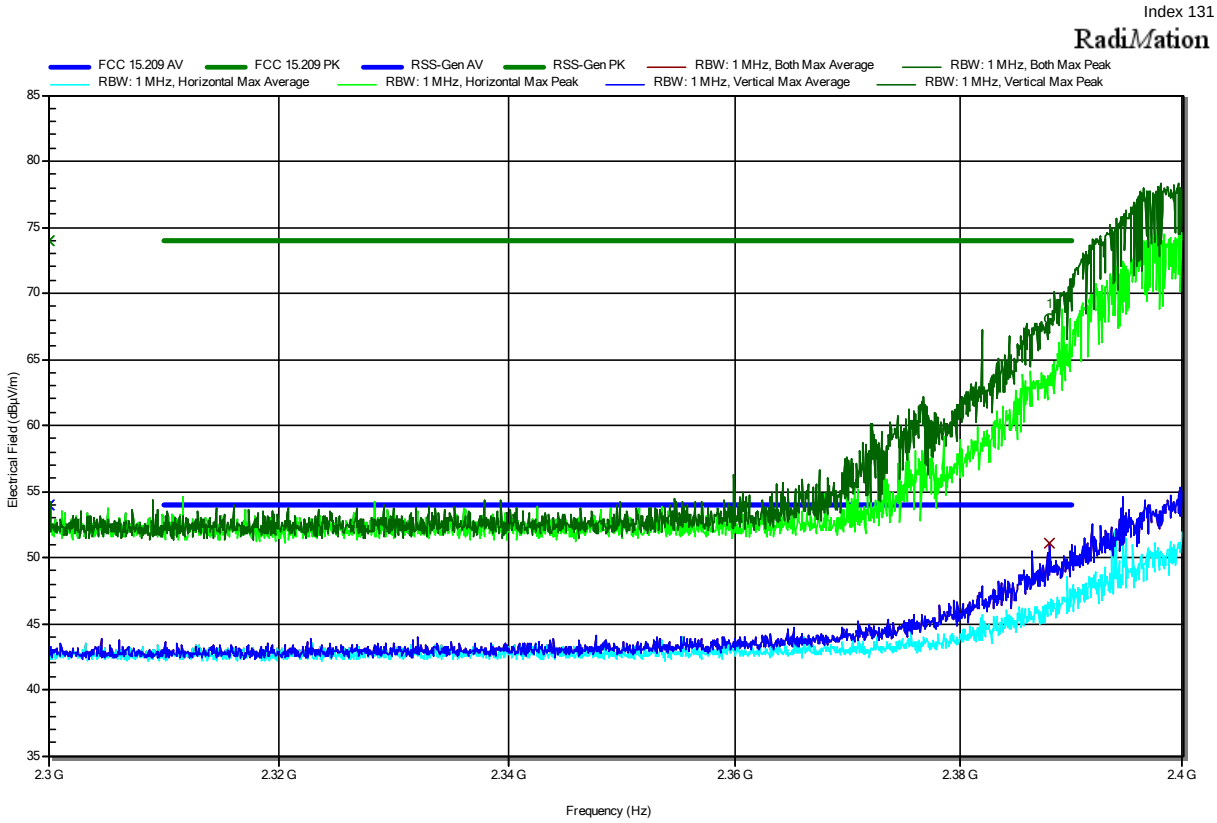
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch1, 2412 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |
| Note: | lower bandedge |




| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.388 GHz | 68.11 dBµV/m | 74 dBµV/m | -5.89 dB | Pass | Vertical |

| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.388 GHz | 51.06 dBµV/m | 54 dBµV/m | -2.94 dB | Pass | Vertical |

## Radiated Spurious Emissions according to 47 CFR Part 15.247

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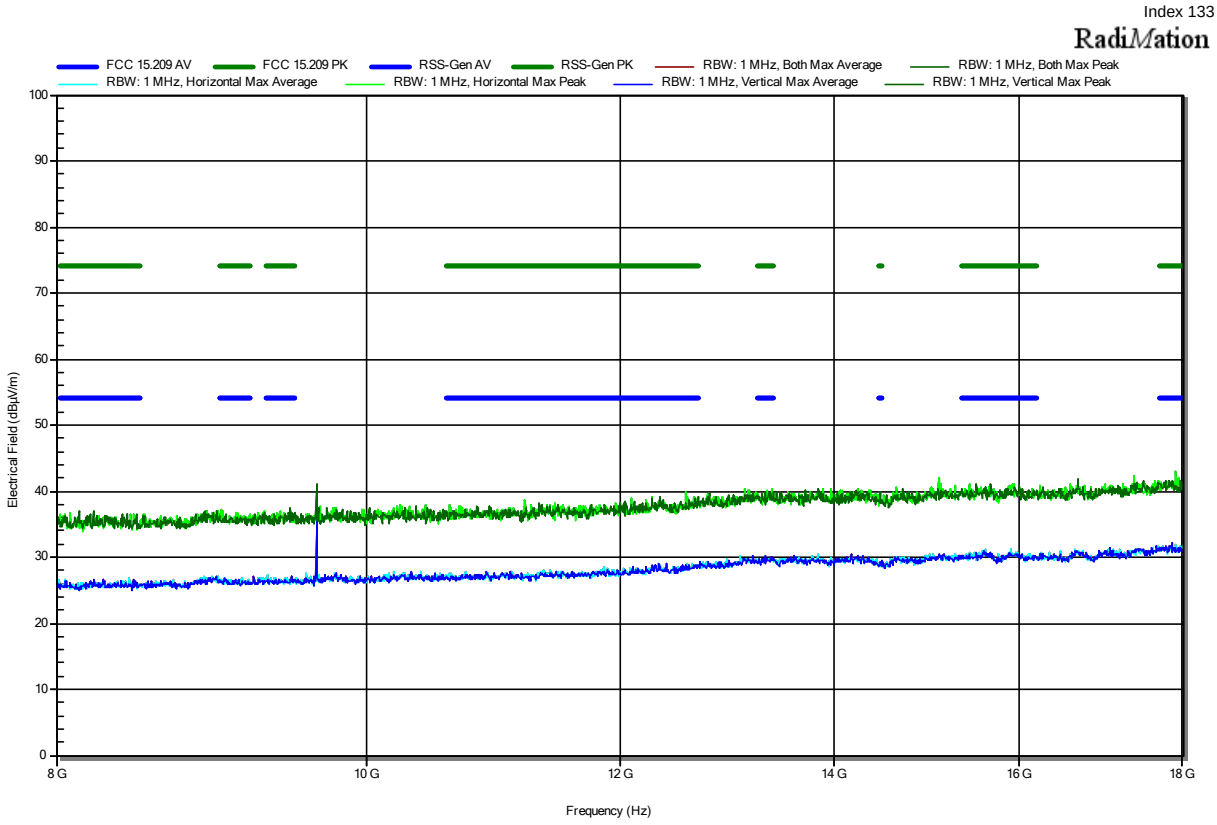
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch1, 2412 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



## Radiated Spurious Emissions according to 47 CFR Part 15.247

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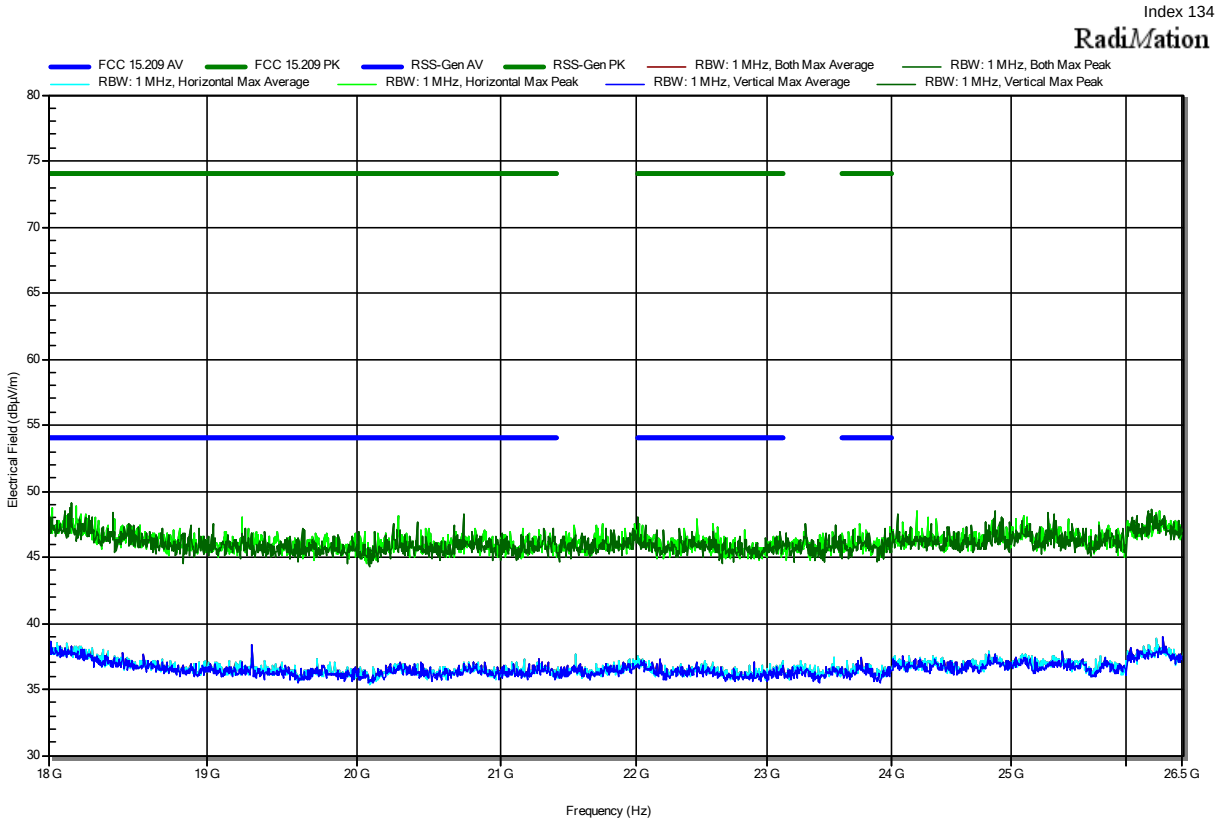
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch1, 2412 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



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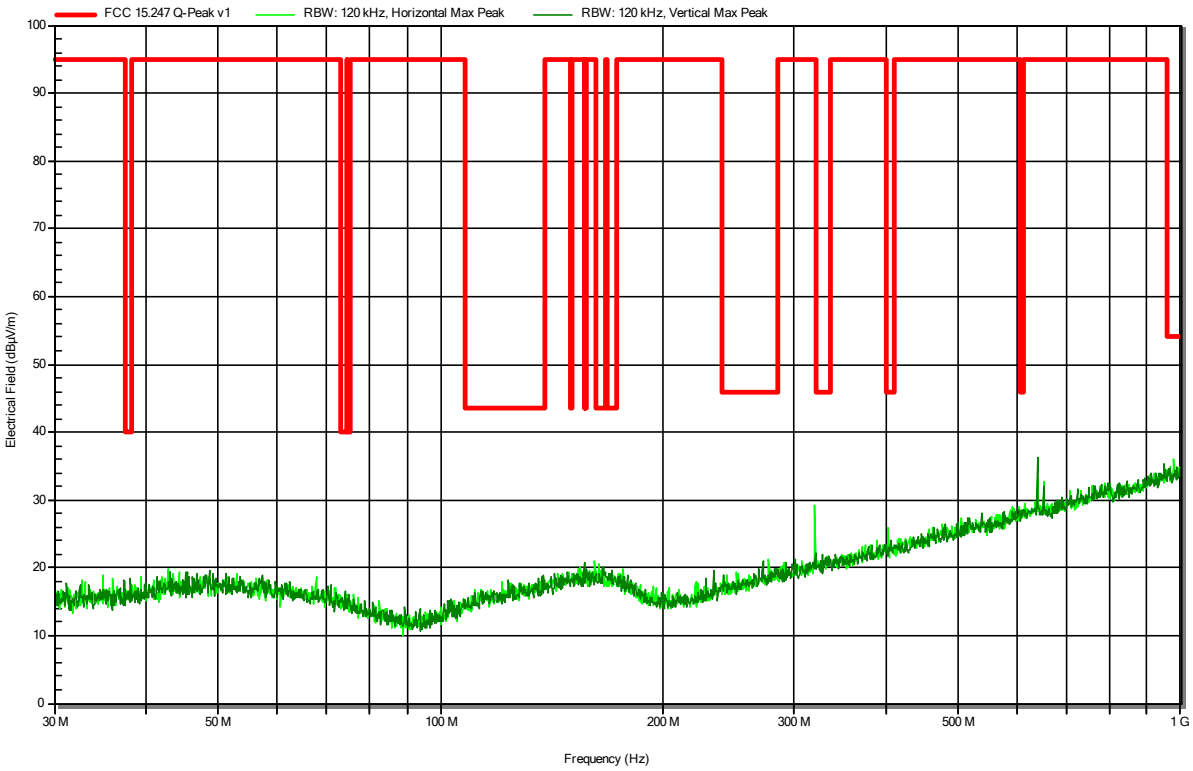
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 20 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch6, 2437 GHz, 6 Mpbs, OFDM, DC=99%, P=19 dBm |
| Test Date: | 2023-07-26 |

Index 187

RadiMation



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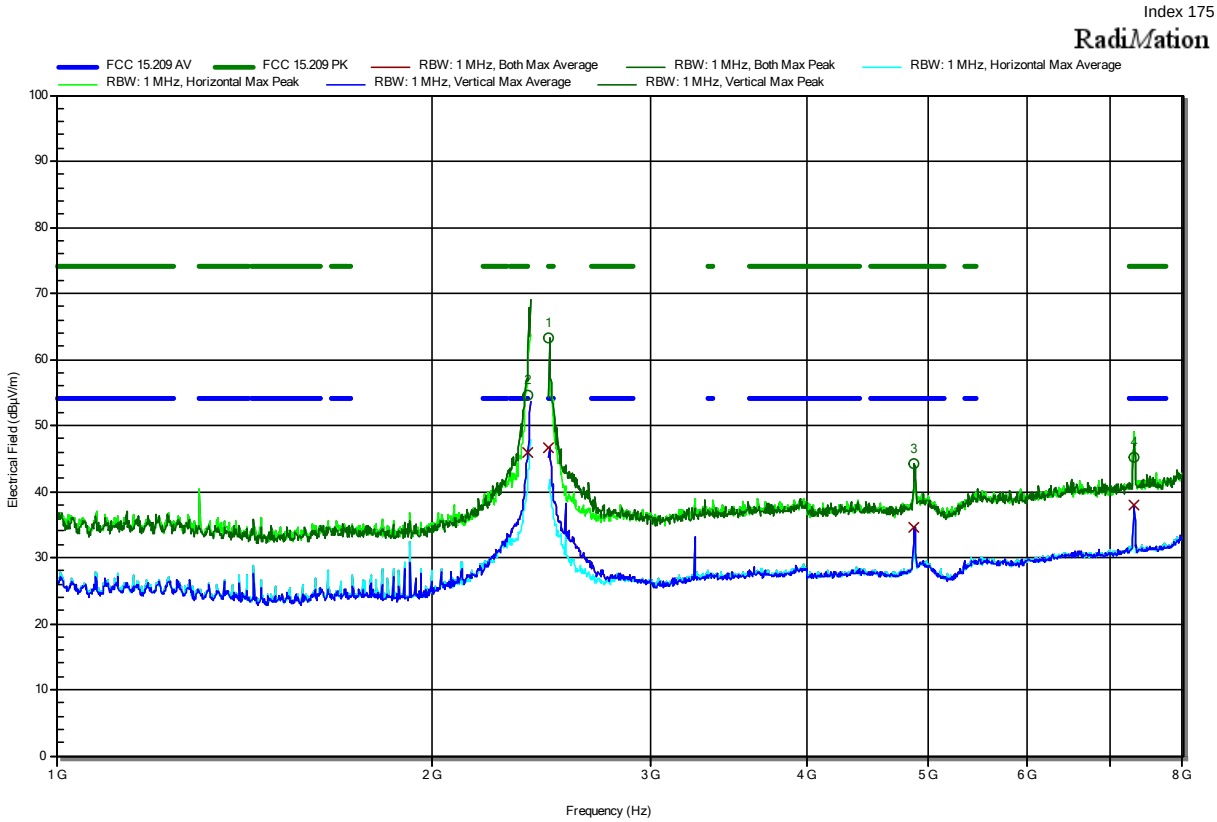
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch6, 2437 GHz, 6 Mbps, OFDM, DC=99%, P=19 dBm |
| Test Date: | 2023-07-20 |




| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.387 GHz | 54.6 dBµV/m | 74 dBµV/m | -19.4 dB | Pass | Vertical |
| 2.4844 GHz | 63.16 dBµV/m | 74 dBµV/m | -10.84 dB | Pass | Vertical |
| 4.8745 GHz | 44.21 dBµV/m | 74 dBµV/m | -29.79 dB | Pass | Vertical |
| 7.3108 GHz | 45.21 dBµV/m | 74 dBµV/m | -28.79 dB | Pass | Vertical |

| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.387 GHz | 45.89 dBµV/m | 54 dBµV/m | -8.11 dB | Pass | Vertical |
| 2.4844 GHz | 46.65 dBµV/m | 54 dBµV/m | -7.35 dB | Pass | Vertical |
| 4.8745 GHz | 34.48 dBµV/m | 54 dBµV/m | -19.52 dB | Pass | Vertical |
| 7.3108 GHz | 38.05 dBµV/m | 54 dBµV/m | -15.95 dB | Pass | Vertical |

## Radiated Spurious Emissions according to 47 CFR Part 15.247

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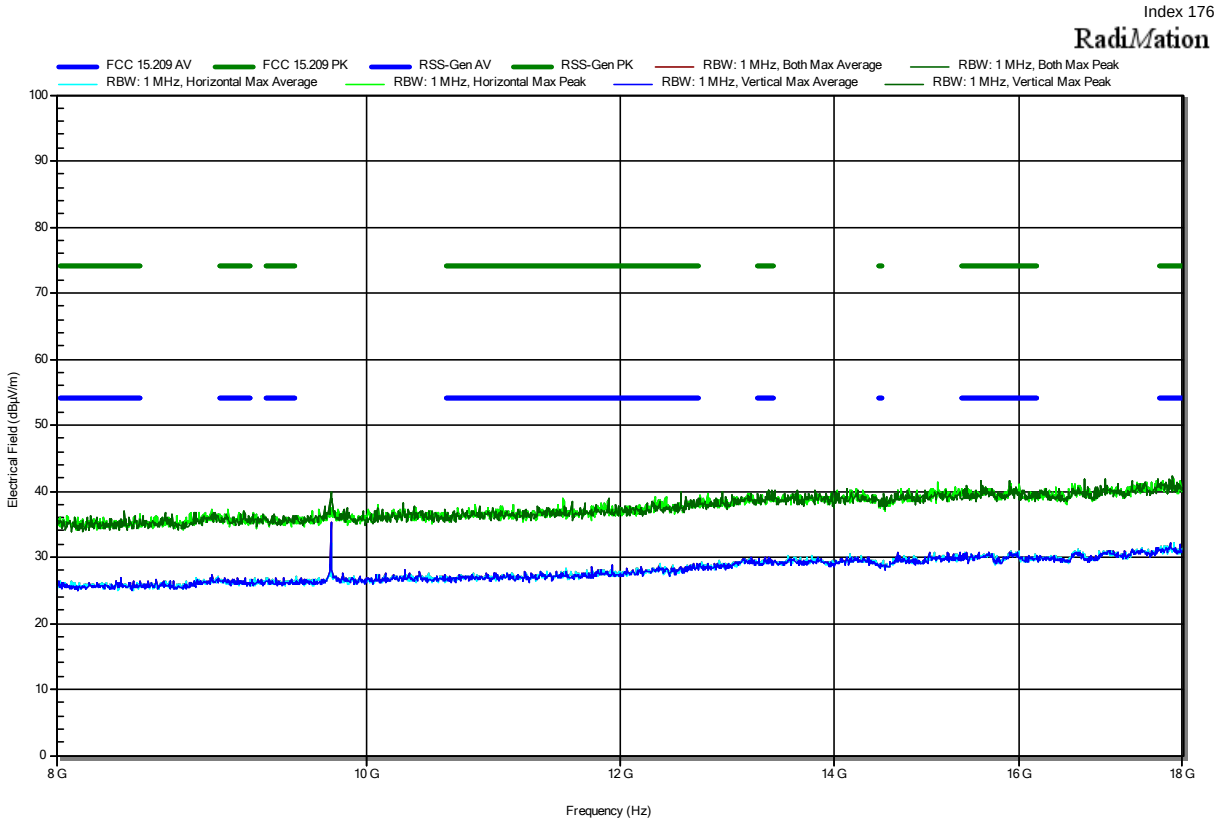
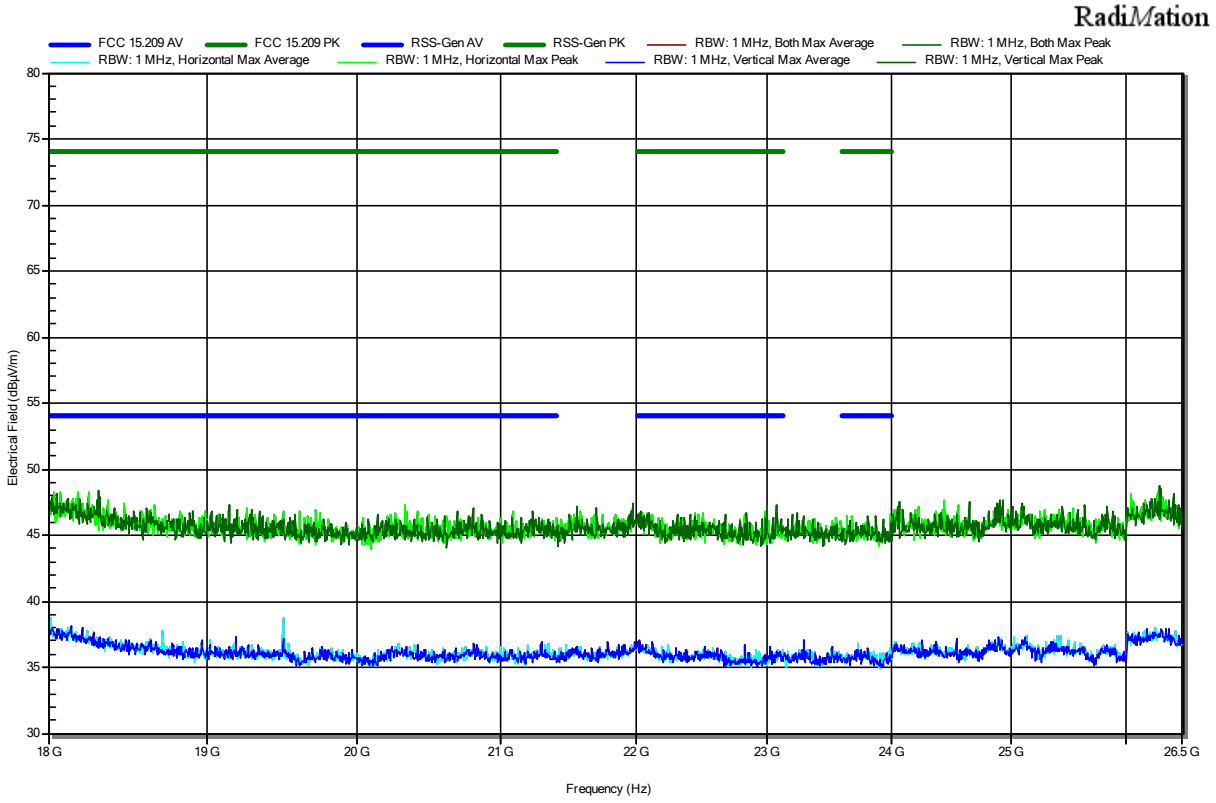
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch6, 2437 GHz, 6 Mbps, OFDM, DC=99%, P=19 dBm |
| Test Date: | 2023-07-20 |



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch6, 2437 GHz, 6 Mpbs, OFDM, DC=99%, P=19 dBm |
| Test Date: | 2023-07-20 |

Index 182



## Radiated Spurious Emissions according to 47 CFR Part 15.247

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| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
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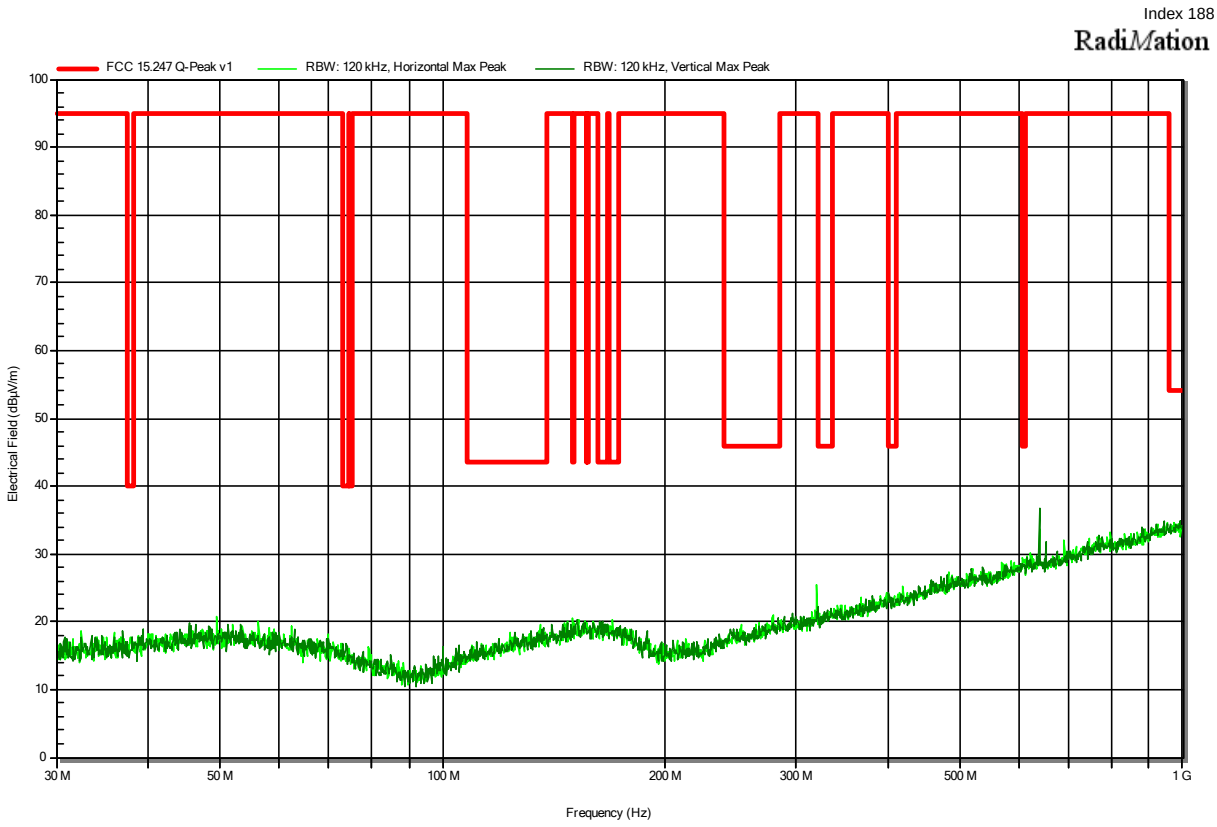
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 20 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch11, 2462 GHz, 6 Mpbs, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-26 |



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| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
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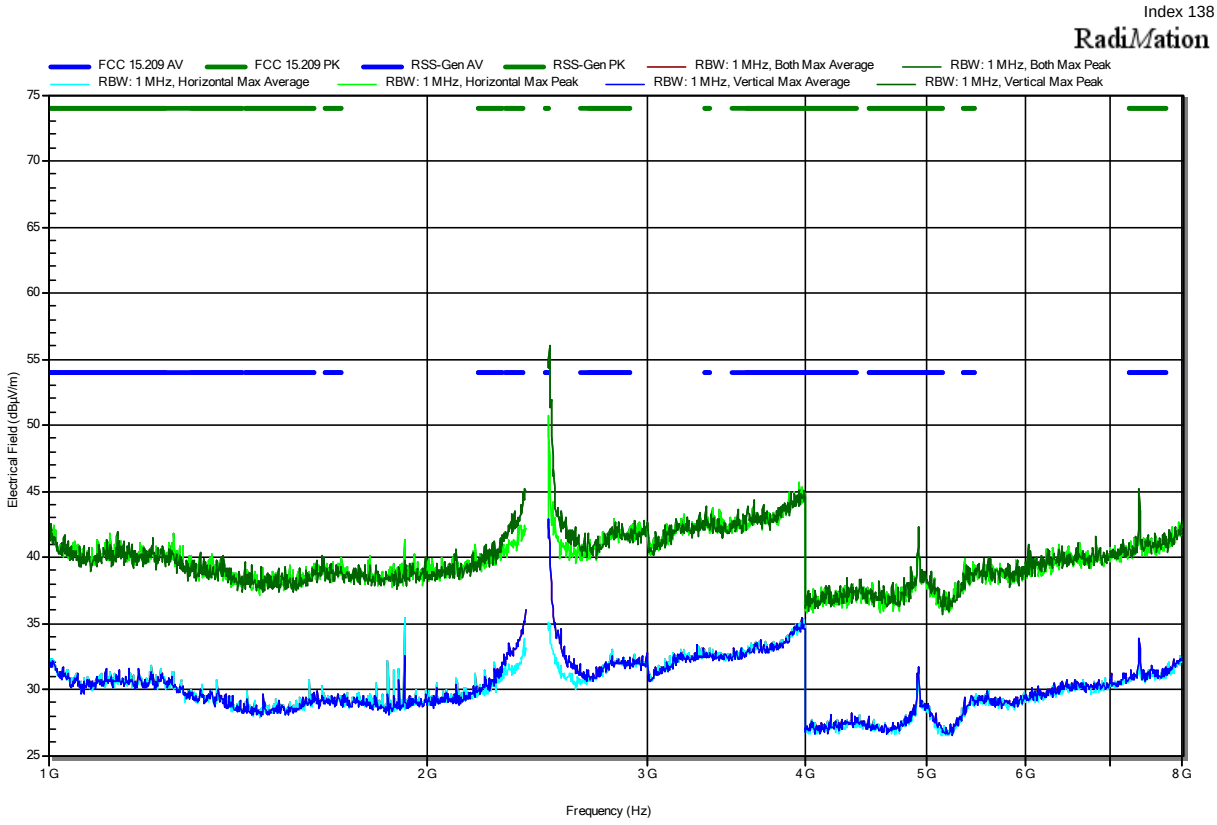
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch11, 2462 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



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| Project Number: | G0M-2302-1881 |
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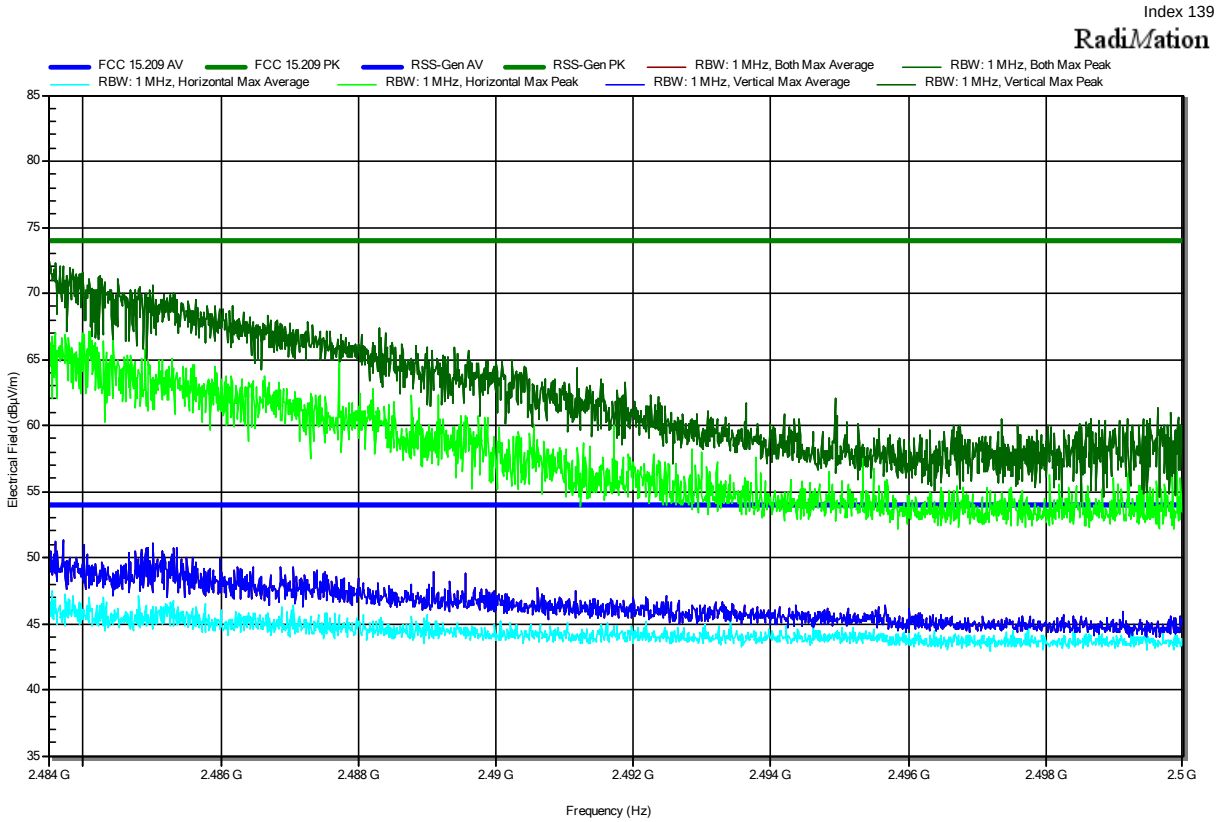
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch11, 2462 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |
| Note: | upper bandedge |

Index 139



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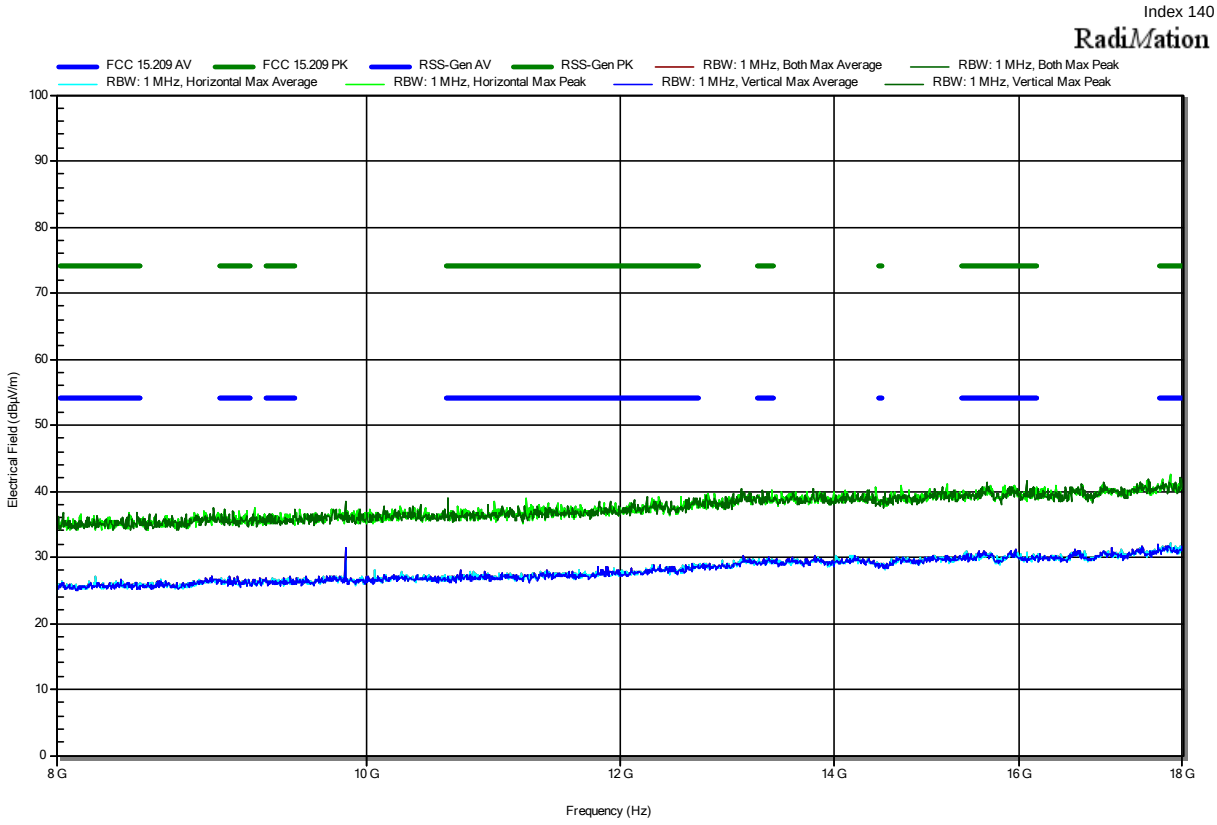
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch11, 2462 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



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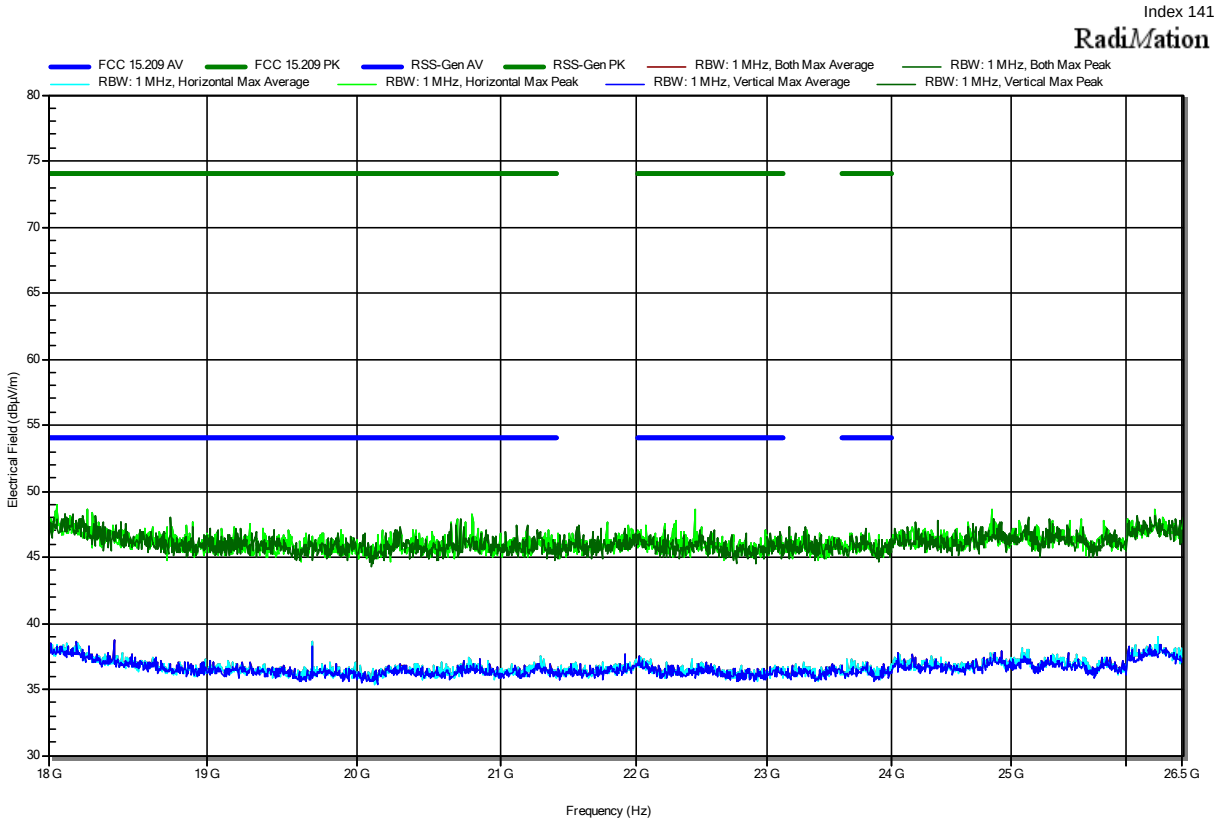
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11g, Ch11, 2462 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



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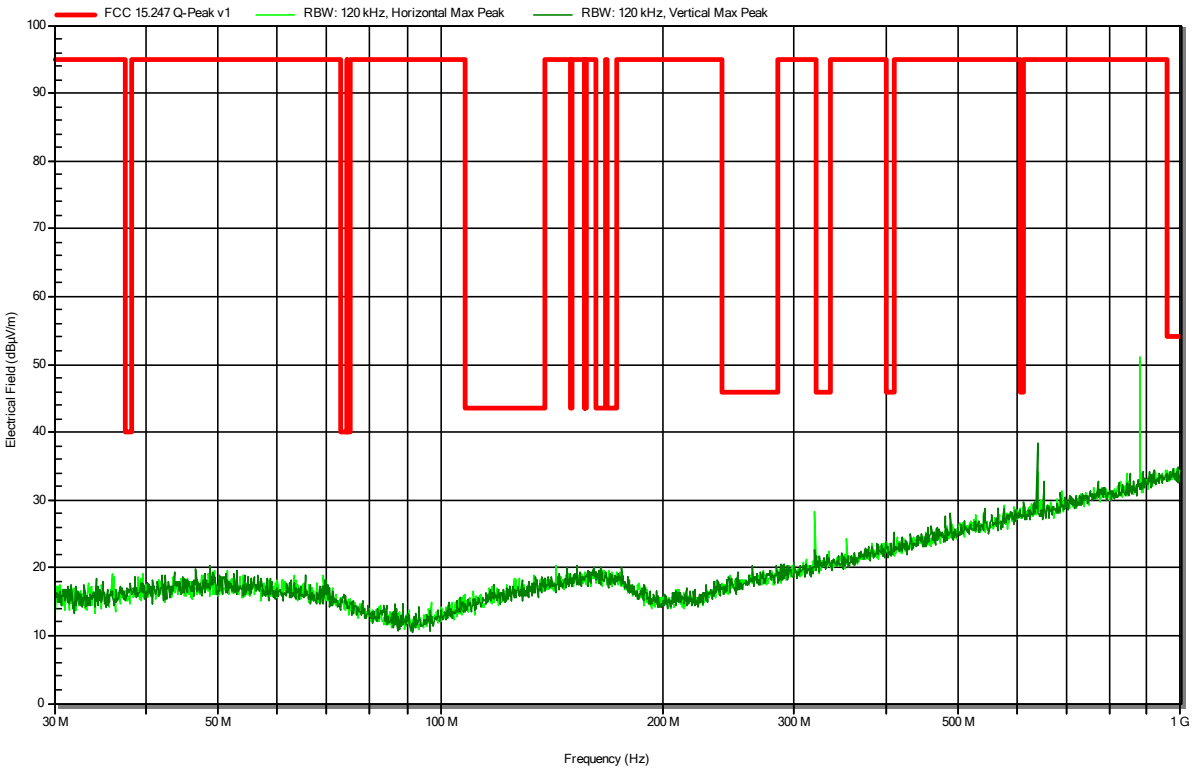
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch1, 2412 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-26 |

Index 189

RadiMation



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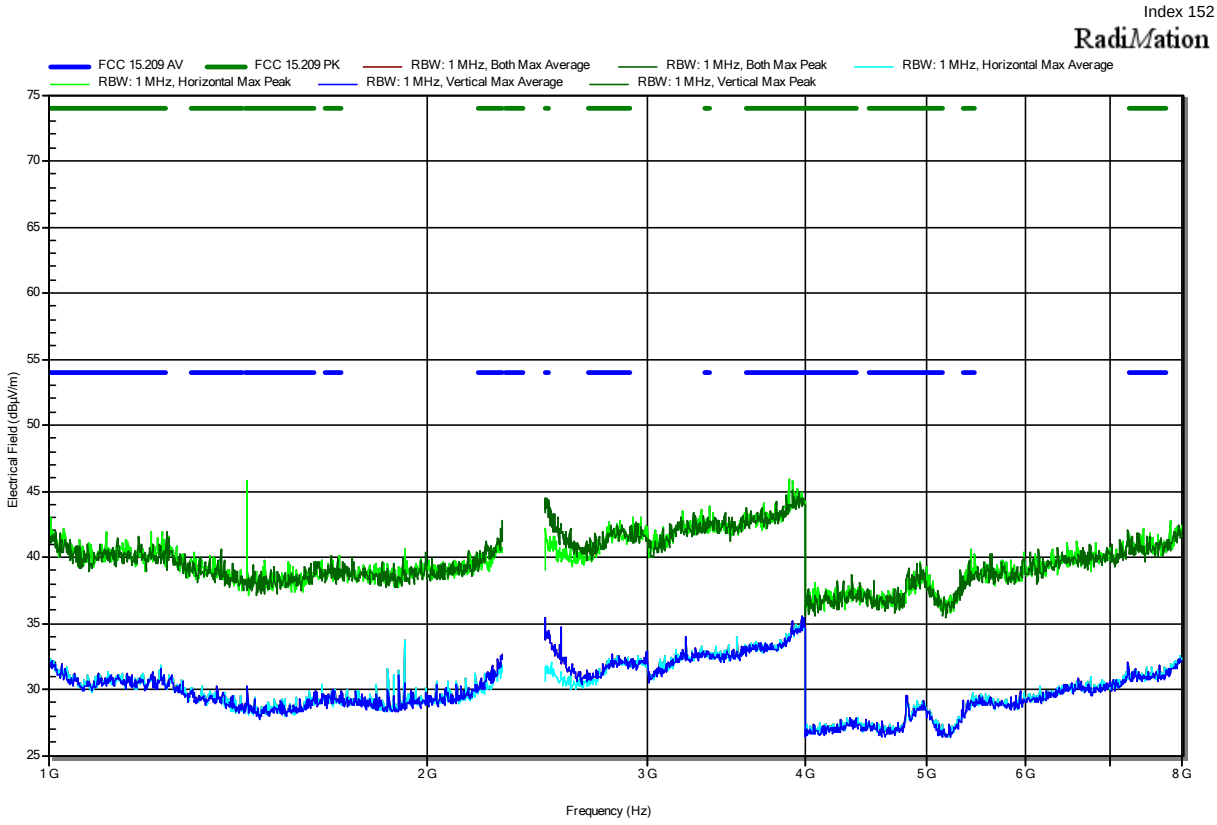
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch1, 2412 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



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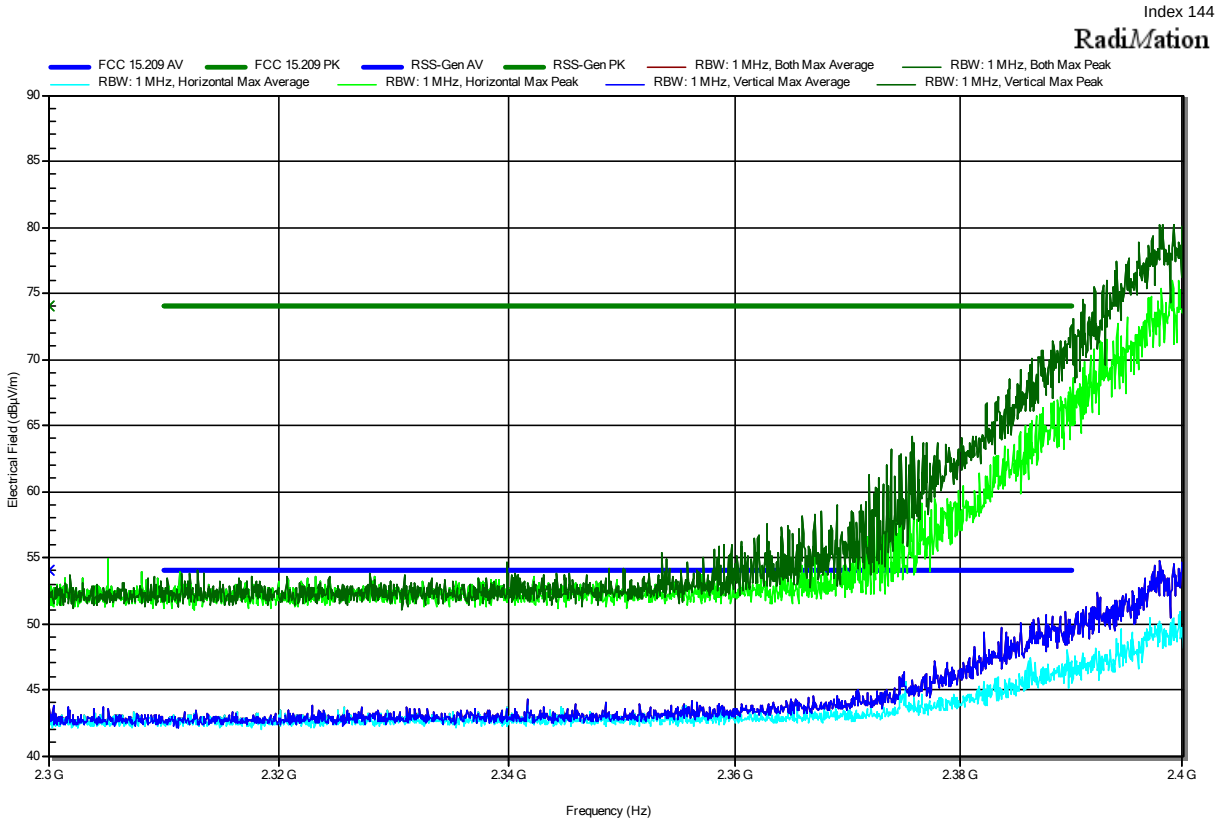
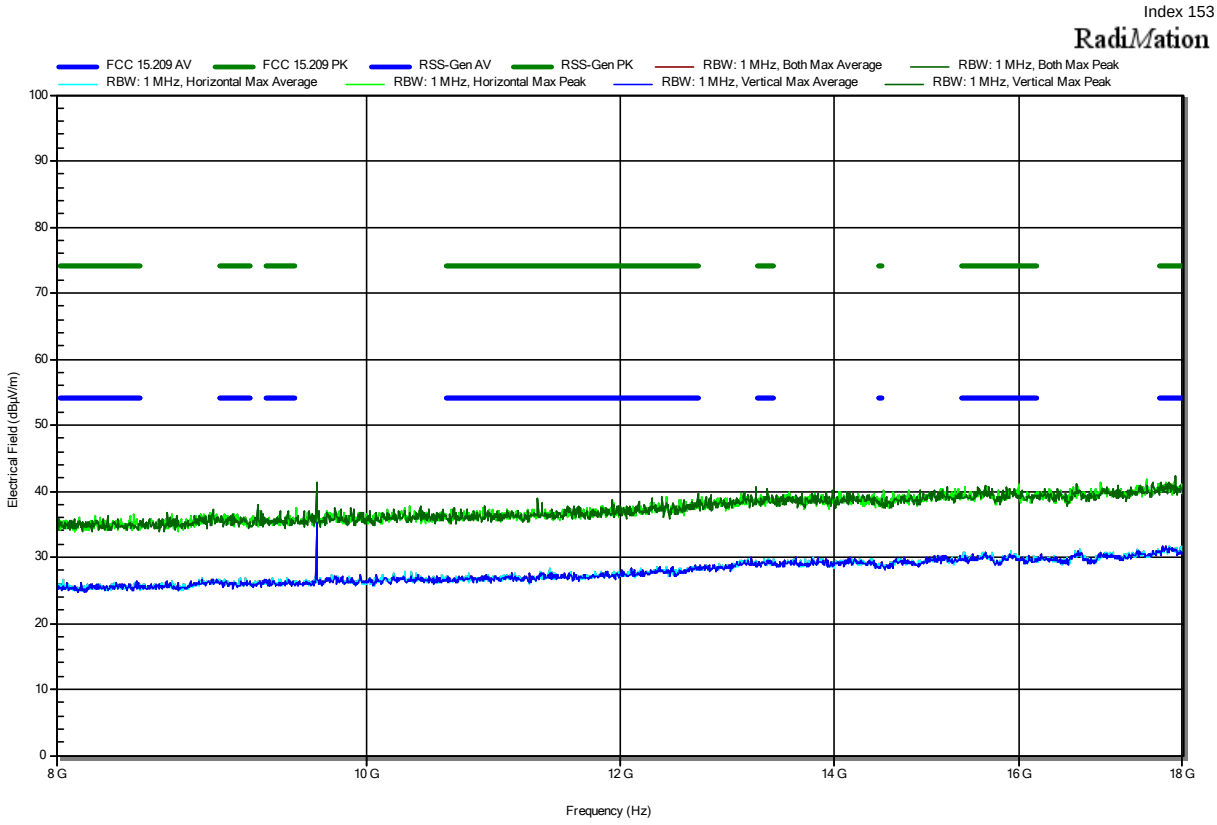
| Test Date: | 2023-07-18 |
| Note: | lower bandedge |



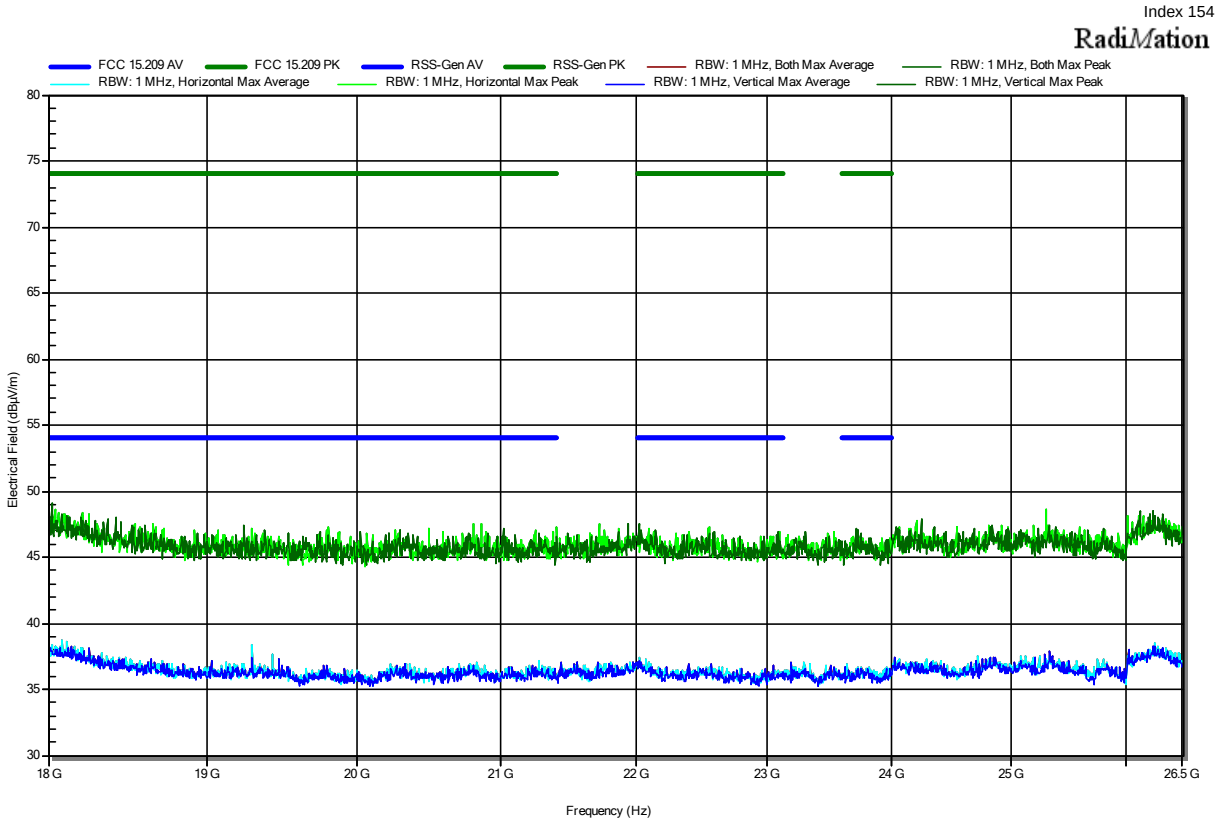
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch1, 2412 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



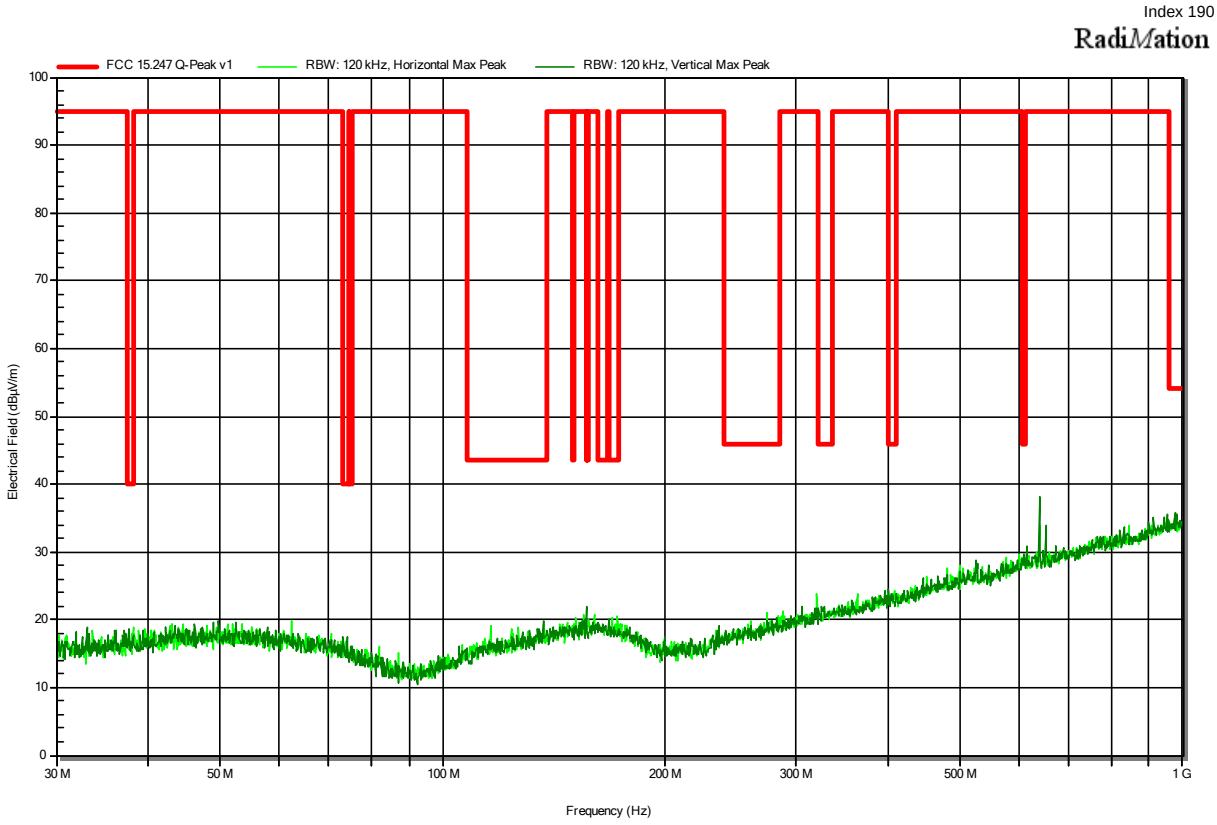
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch1, 2412 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



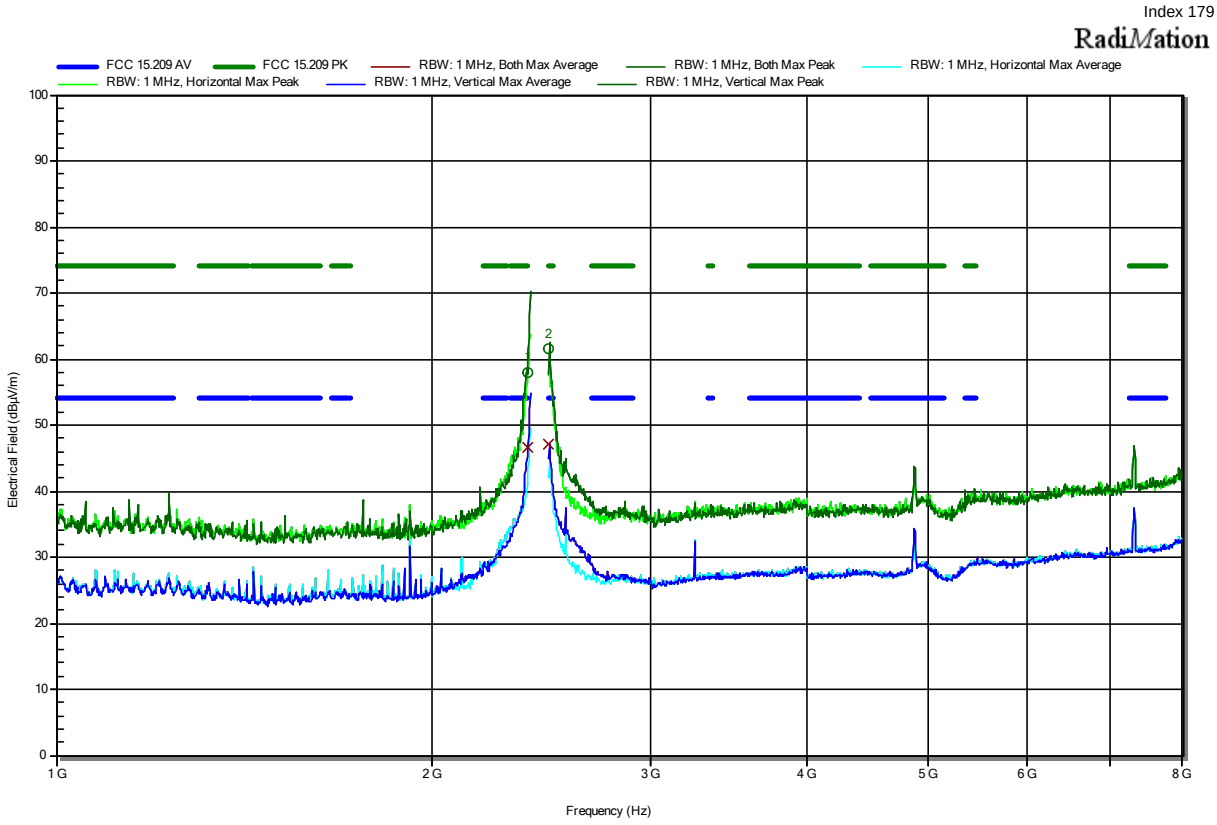
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 20 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch6, 2437 GHz, MCS 2, HT20, DC=99%, P=19 dBm |
| Test Date: | 2023-07-26 |



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch6, 2437 GHz, MCS 2, HT20, DC=99%, P=19 dBm |
| Test Date: | 2023-07-20 |

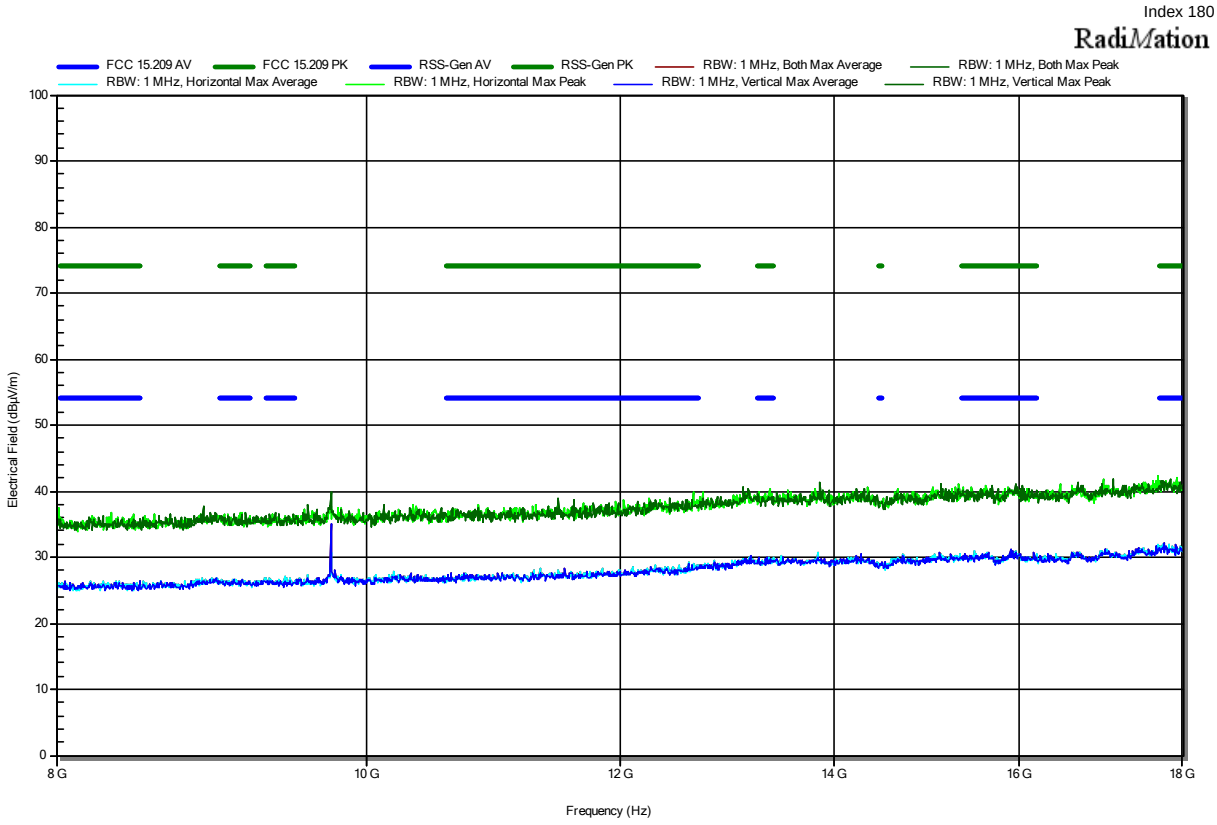



| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.3895 GHz | 57.84 dBµV/m | 74 dBµV/m | -16.16 dB | Pass | Vertical |
| 2.4846 GHz | 61.6 dBµV/m | 74 dBµV/m | -12.4 dB | Pass | Vertical |

| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.3895 GHz | 46.71 dBµV/m | 54 dBµV/m | -7.29 dB | Pass | Vertical |
| 2.4846 GHz | 47.13 dBµV/m | 54 dBµV/m | -6.87 dB | Pass | Vertical |

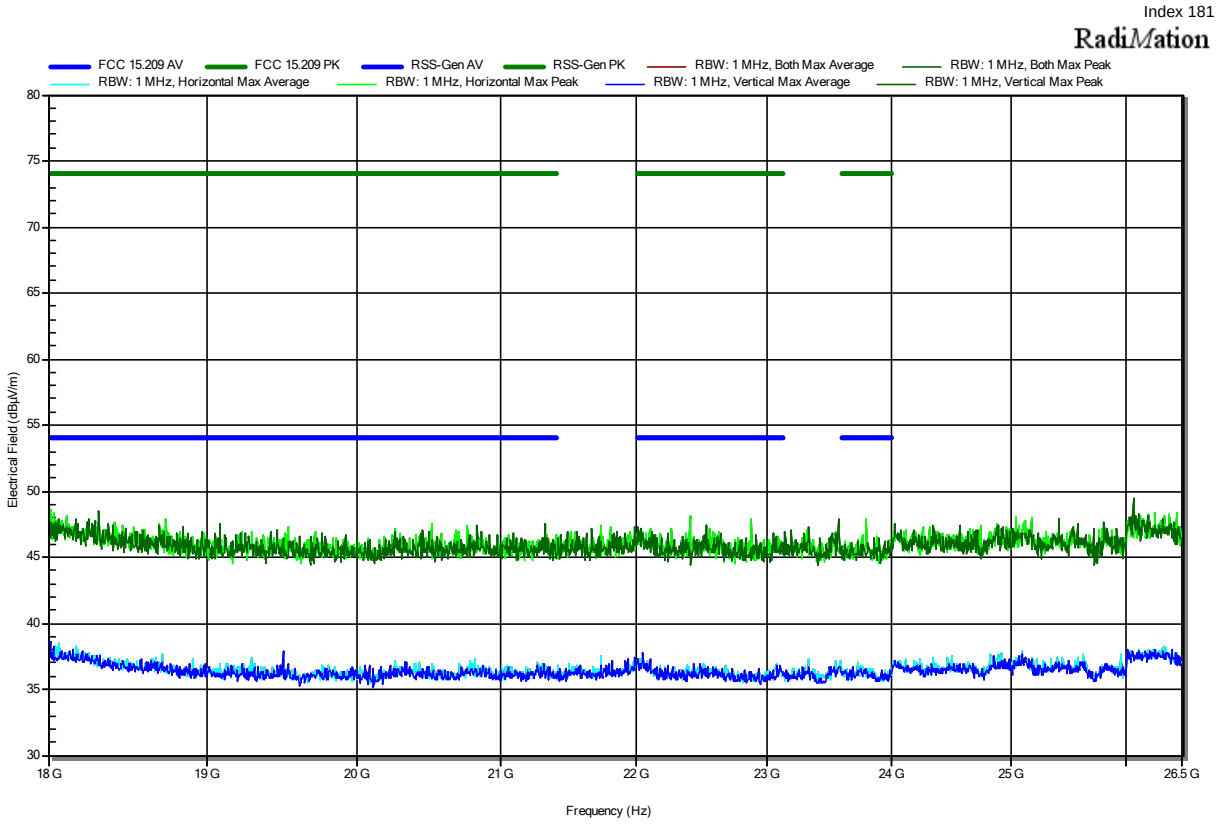
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch6, 2437 GHz, MCS 2, HT20, DC=99%, P=19 dBm |
| Test Date: | 2023-07-20 |



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch6, 2437 GHz, MCS 2, HT20, DC=99%, P=19 dBm |
| Test Date: | 2023-07-20 |

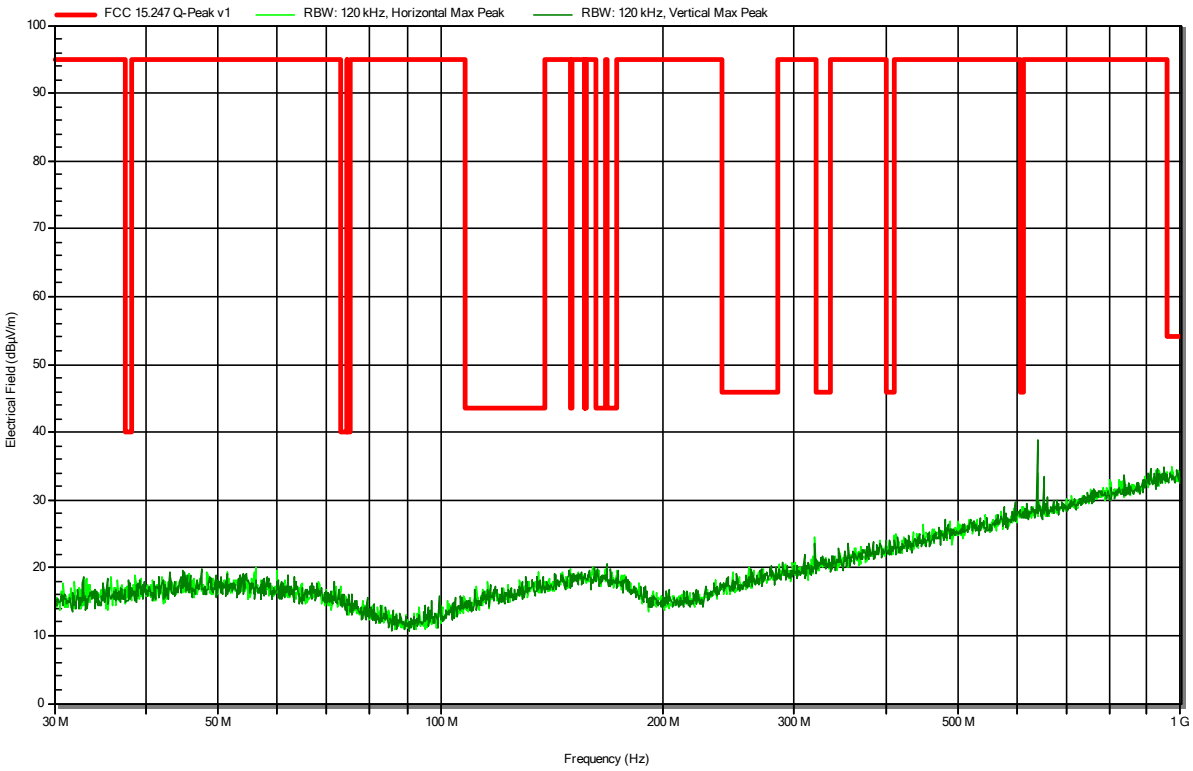


## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 20 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch11, 2462 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-26 |

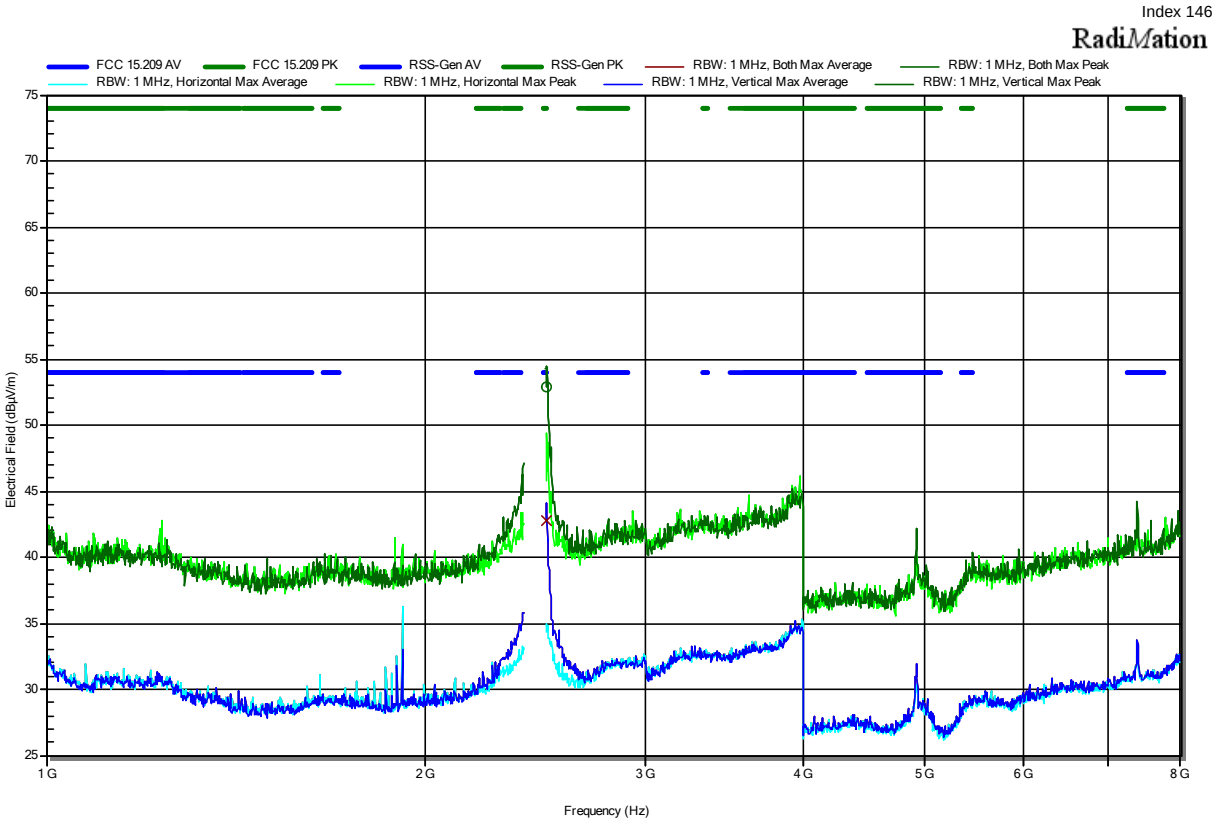
Index 191

RadiMation



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch11, 2462 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



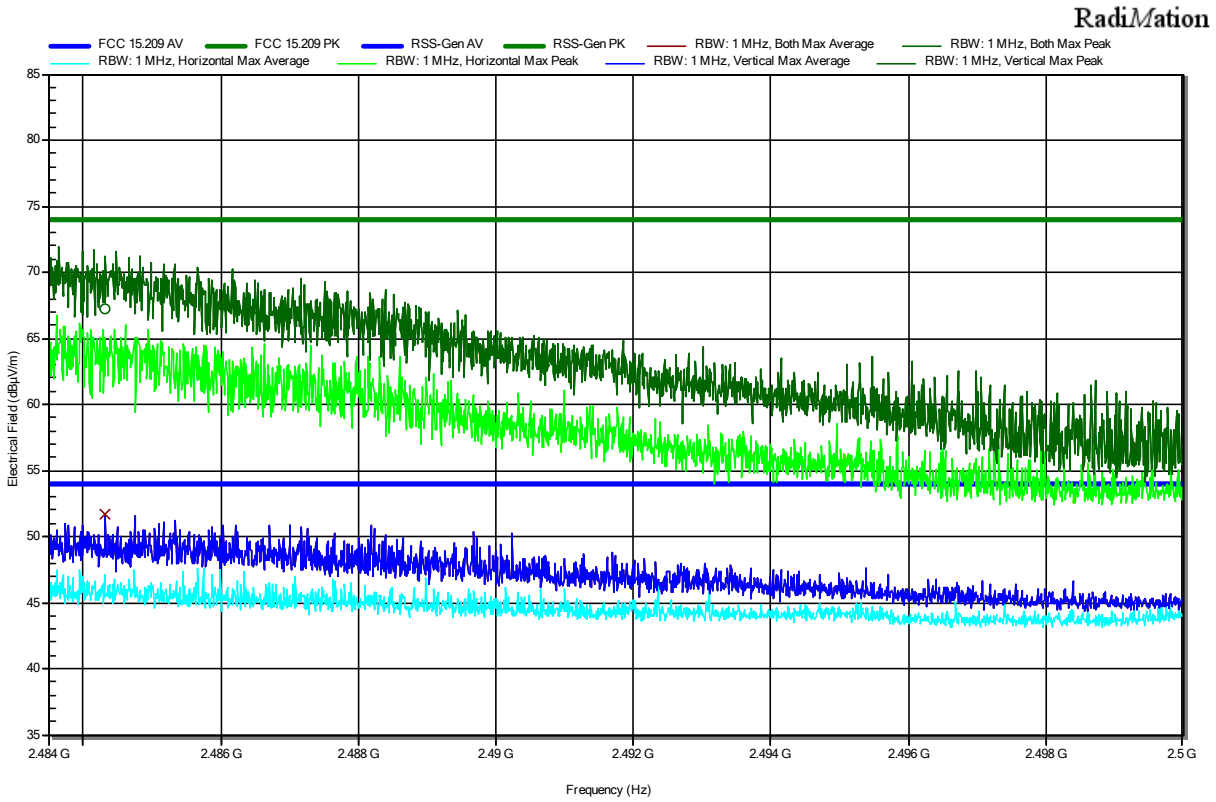

| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.5 GHz | 52.89 dBµV/m | 74 dBµV/m | -21.11 dB | Pass | Vertical |

| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.5 GHz | 42.76 dBµV/m | 54 dBµV/m | -11.24 dB | Pass | Vertical |

## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch11, 2462 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |
| Note: | upper bandedge |

Index 145

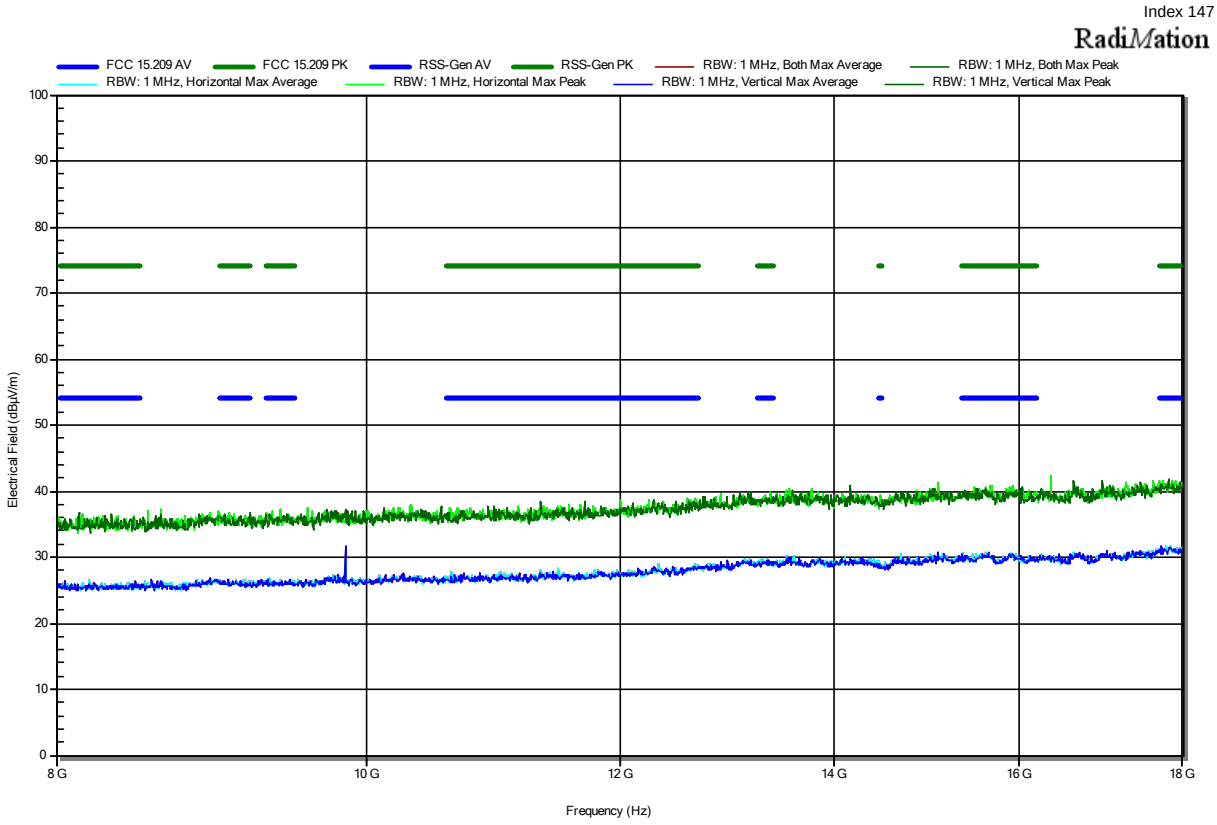



| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.4843 GHz | 67.23 dBµV/m | 74 dBµV/m | -6.77 dB | Pass | Vertical |

| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.4843 GHz | 51.66 dBµV/m | 54 dBµV/m | -2.34 dB | Pass | Vertical |

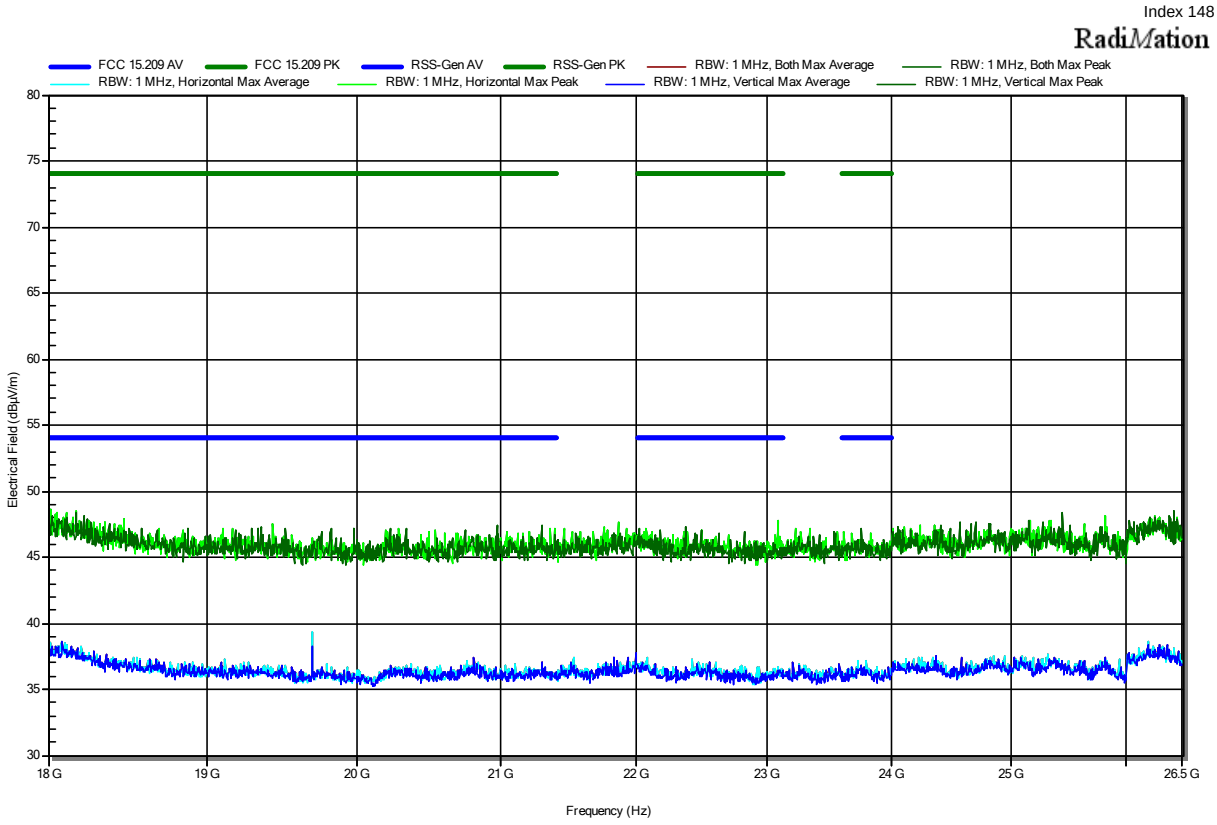
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch11, 2462 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



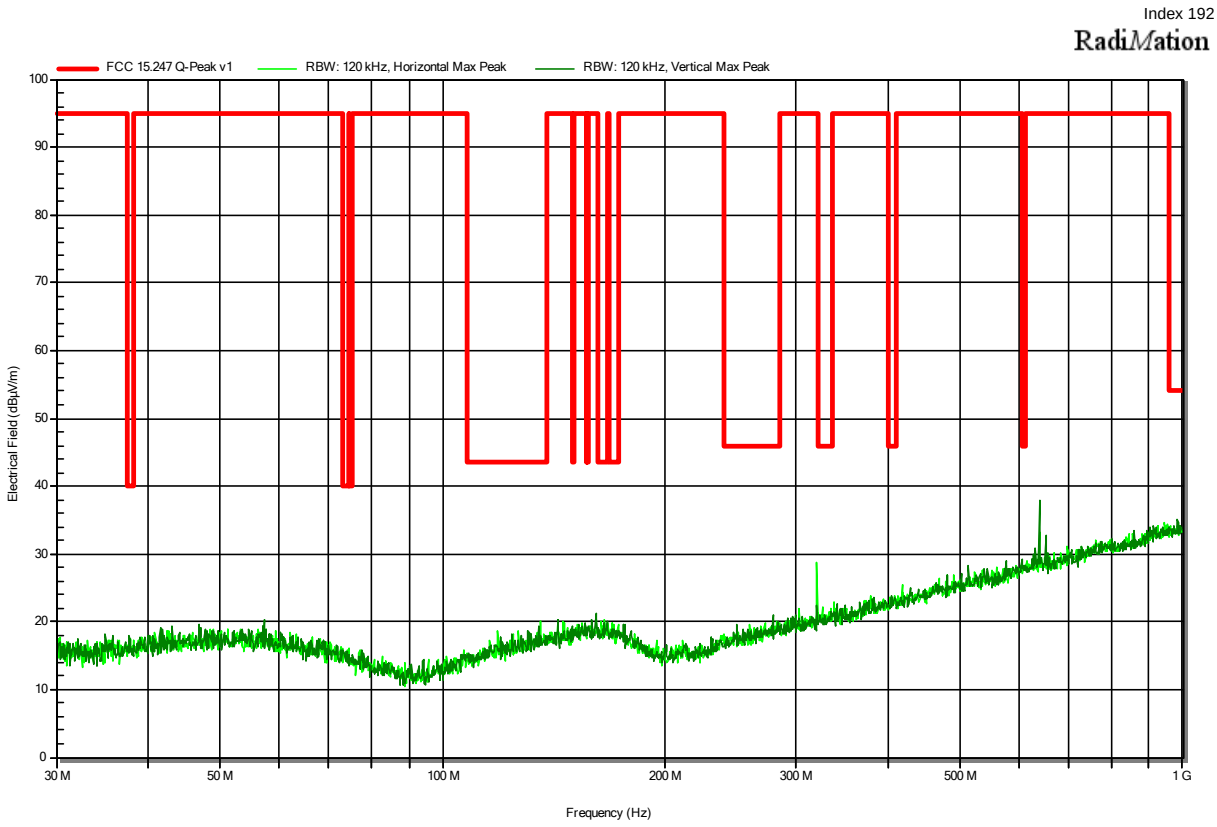
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch11, 2462 GHz, MCS 2, HT20, DC=99%, P=16 dBm |
| Test Date: | 2023-07-18 |



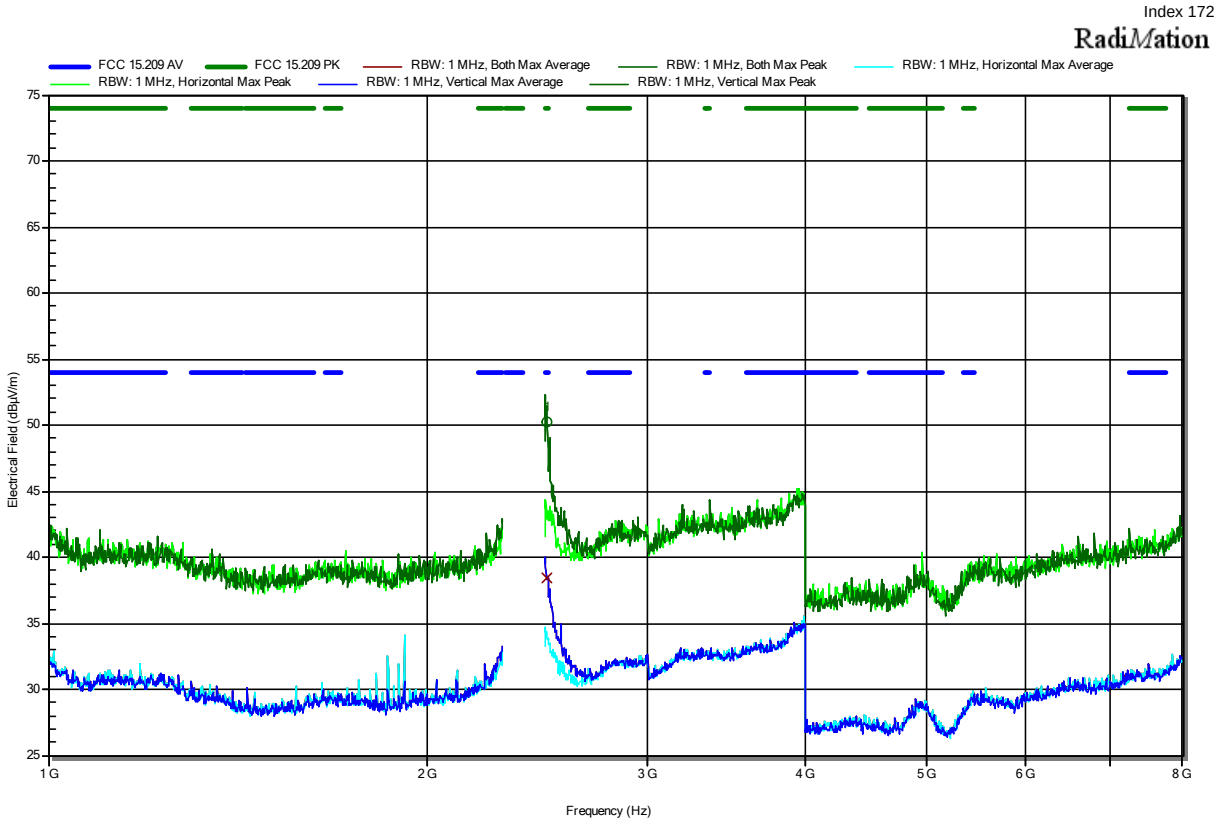
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 20 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch3, 2422 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-26 |



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch3, 2422 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-19 |

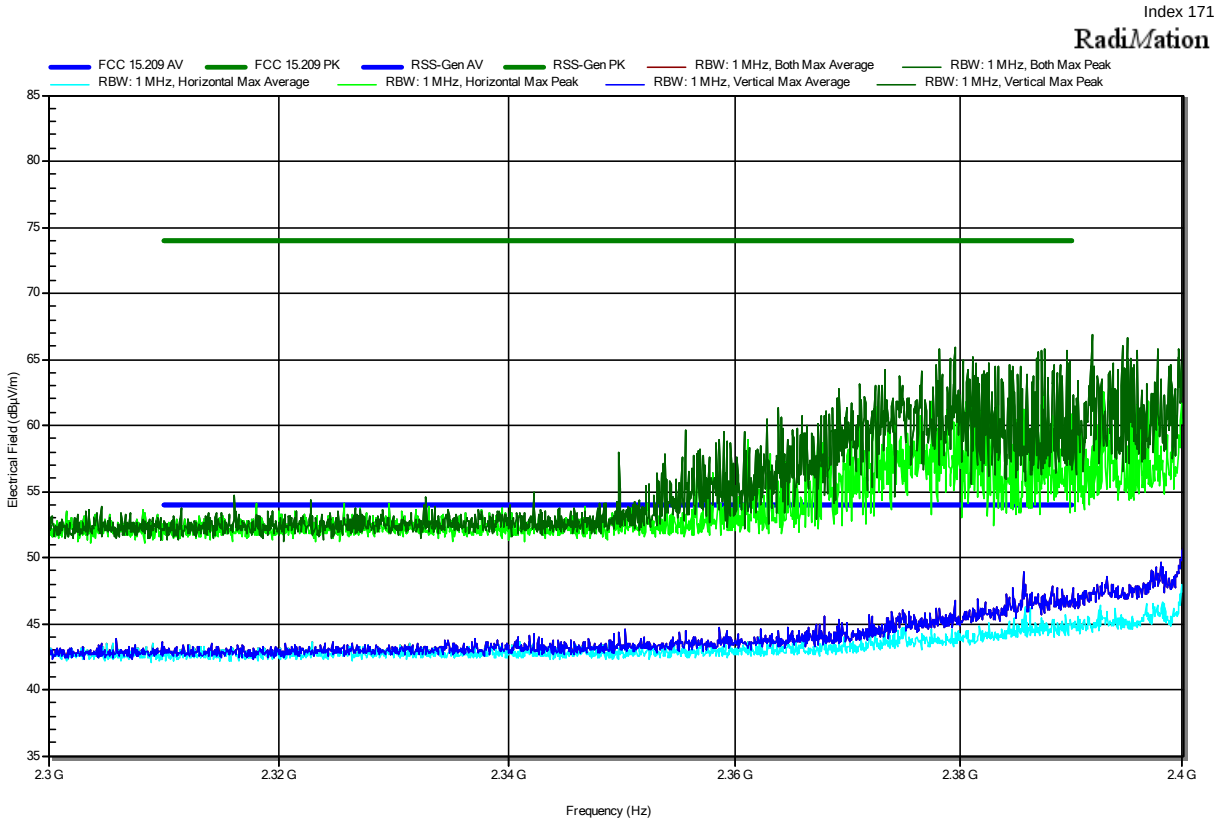



| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.4947 GHz | 50.26 dBµV/m | 74 dBµV/m | -23.74 dB | Pass | Vertical |

| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.4947 GHz | 38.38 dBµV/m | 54 dBµV/m | -15.62 dB | Pass | Vertical |

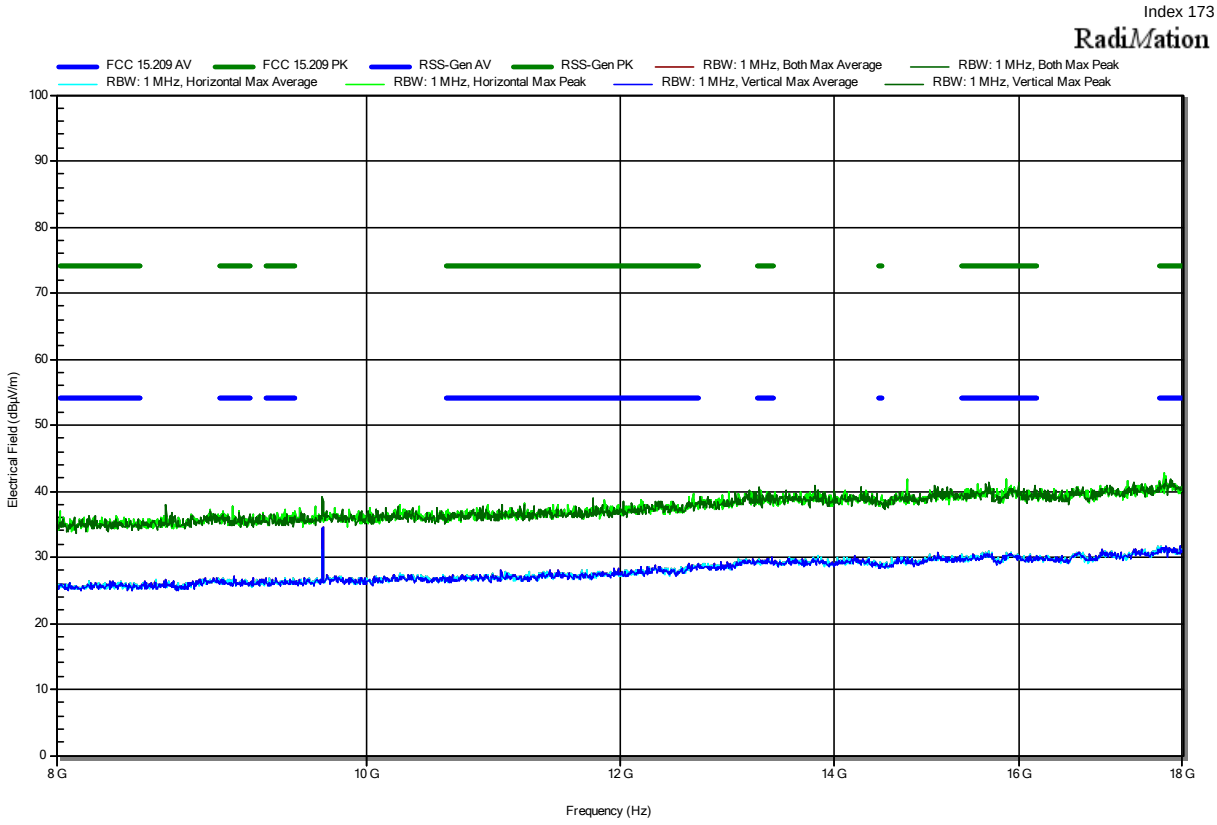
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch3, 2422 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-19 |
| Note: | lower bandedge |



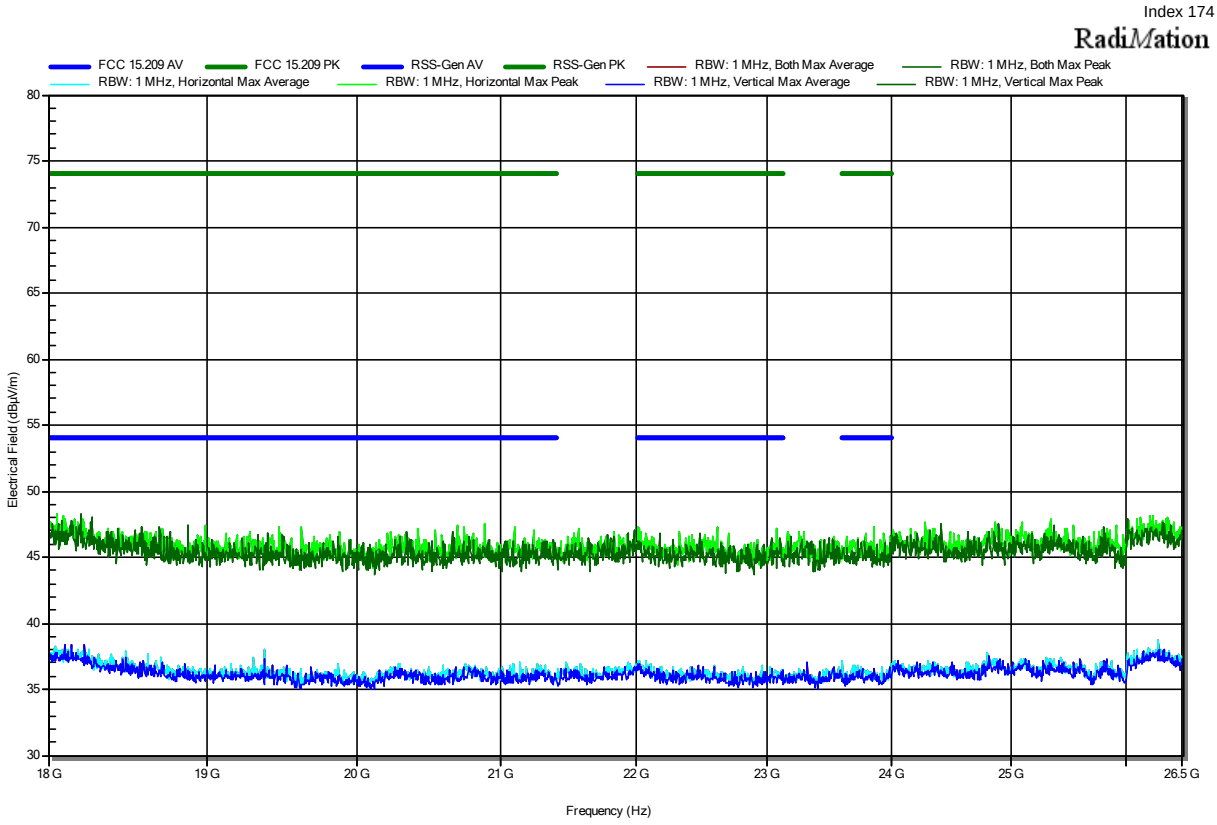
## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch3, 2422 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-19 |



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch3, 2422 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-19 |

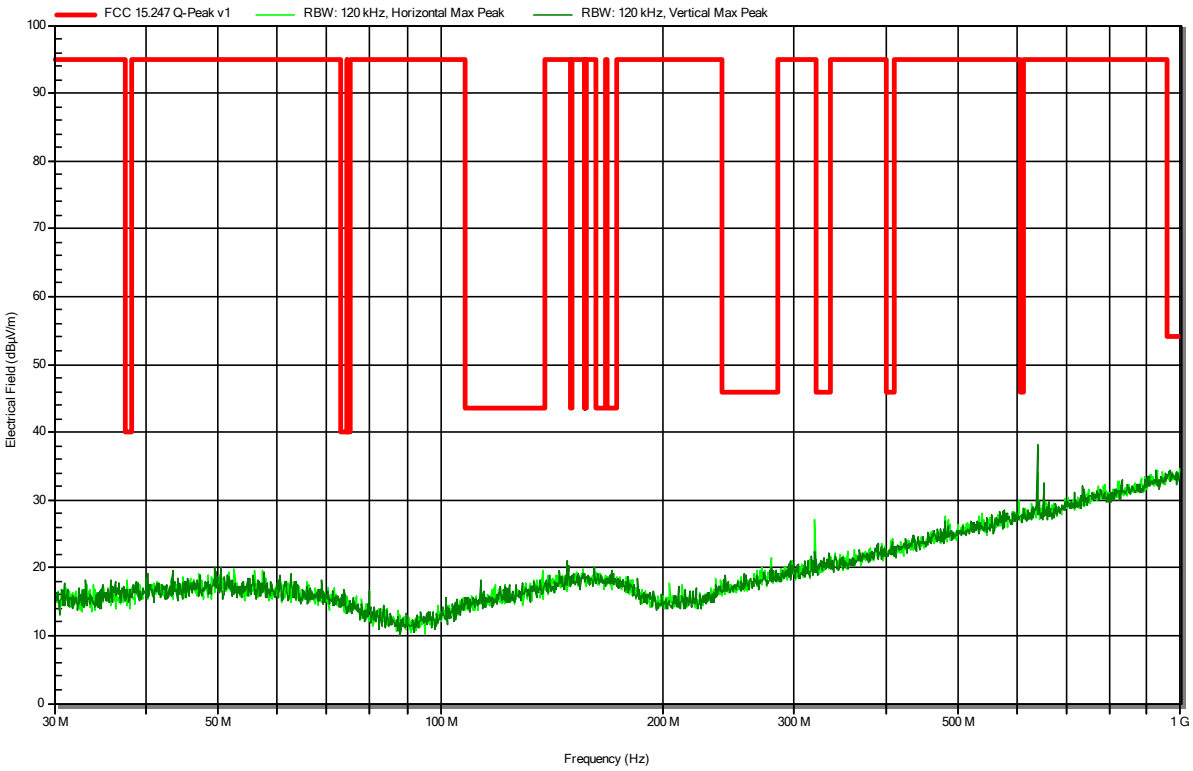


## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 20 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch6, 2437 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-26 |

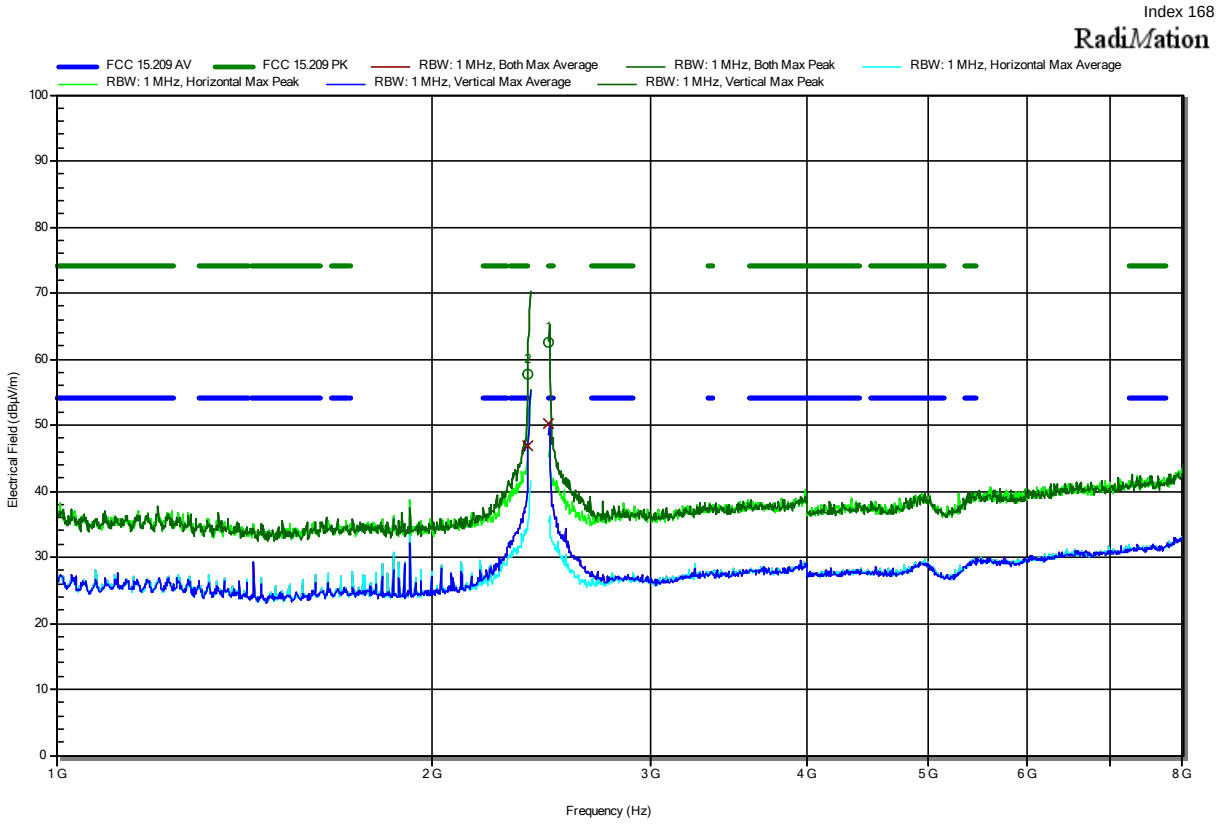
Index 193

RadiMation



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch6, 2437 GHz, MCS 0, HT40, DC=99%, P=12 dBm |
| Test Date: | 2023-07-19 |



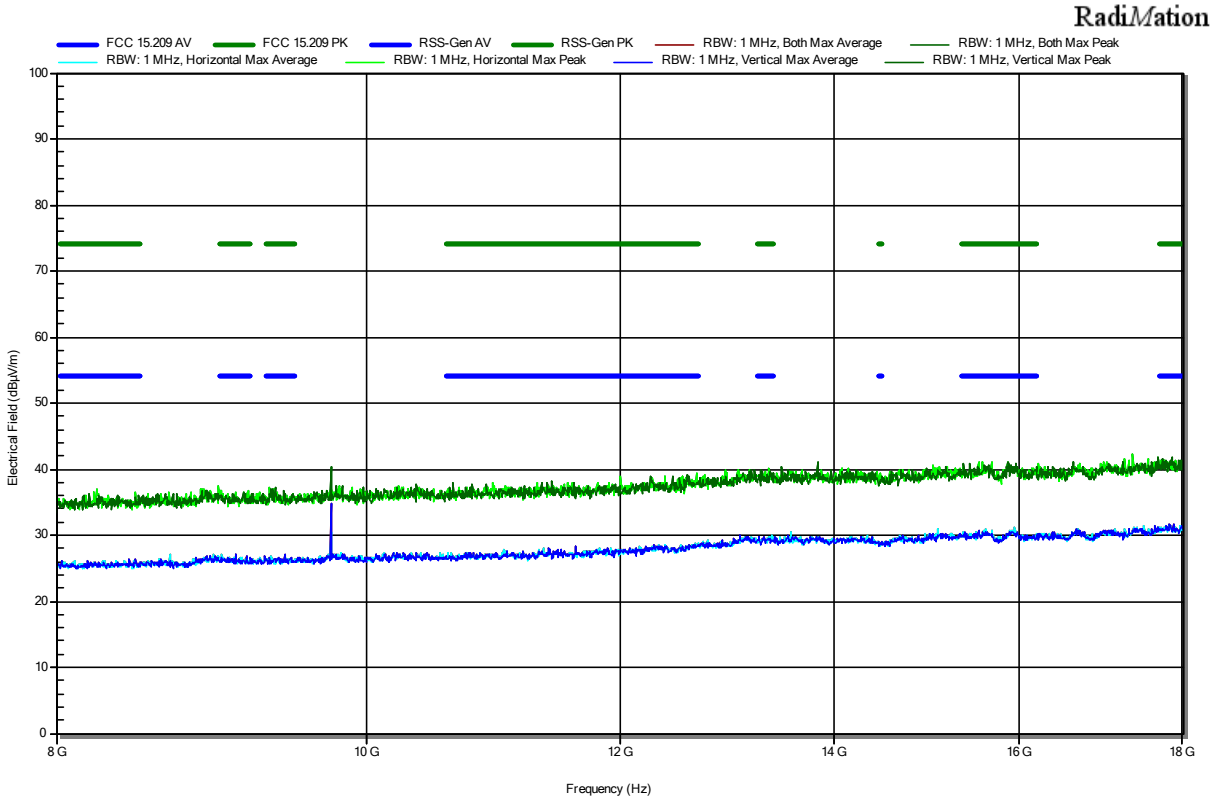

| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.3899 GHz | 57.66 dBµV/m | 74 dBµV/m | -16.34 dB | Pass | Vertical |
| 2.4839 GHz | 62.55 dBµV/m | 74 dBµV/m | -11.45 dB | Pass | Vertical |

| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.3899 GHz | 46.83 dBµV/m | 54 dBµV/m | -7.17 dB | Pass | Vertical |
| 2.4839 GHz | 50.18 dBµV/m | 54 dBµV/m | -3.82 dB | Pass | Vertical |

## Radiated Spurious Emissions according to 47 CFR Part 15.247

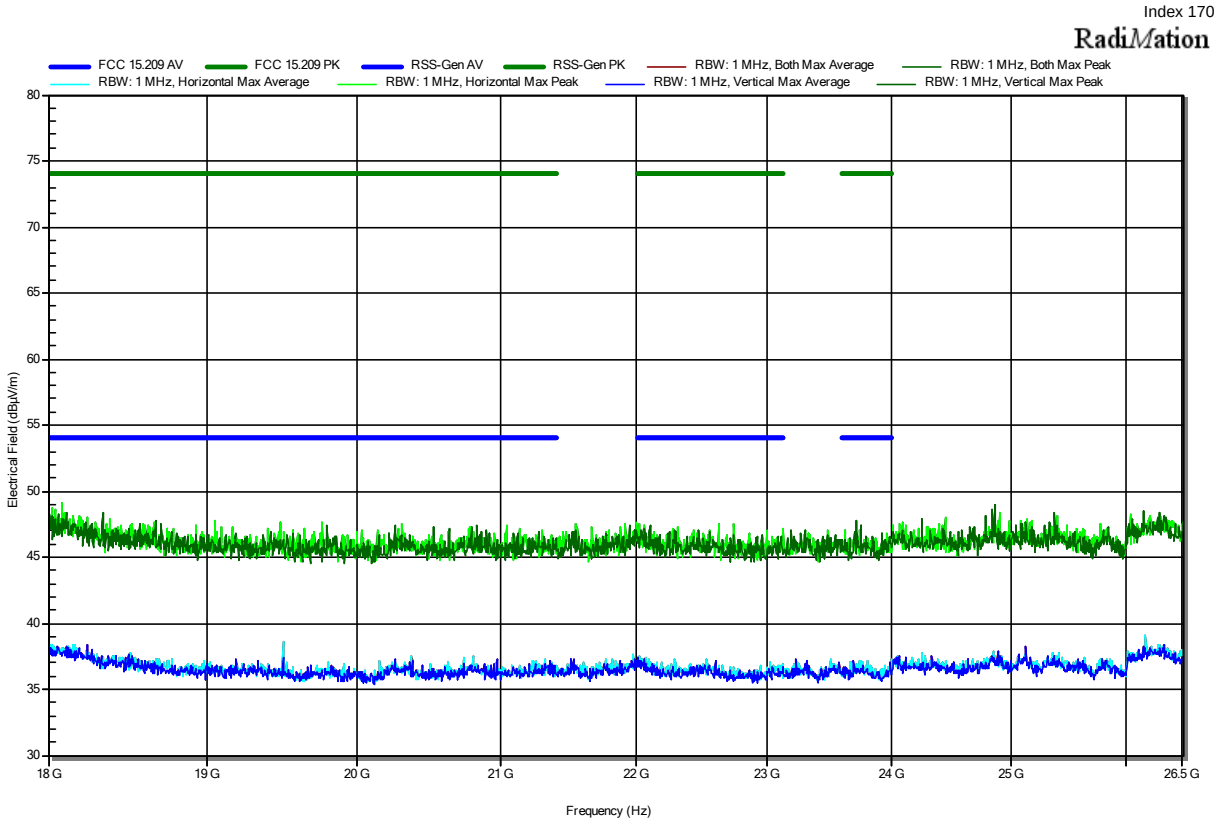
| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch6, 2437 GHz, MCS 0, HT40, DC=99%, P=12 dBm |
| Test Date: | 2023-07-19 |

Index 169



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch6, 2437 GHz, MCS 0, HT40, DC=99%, P=12 dBm |
| Test Date: | 2023-07-19 |

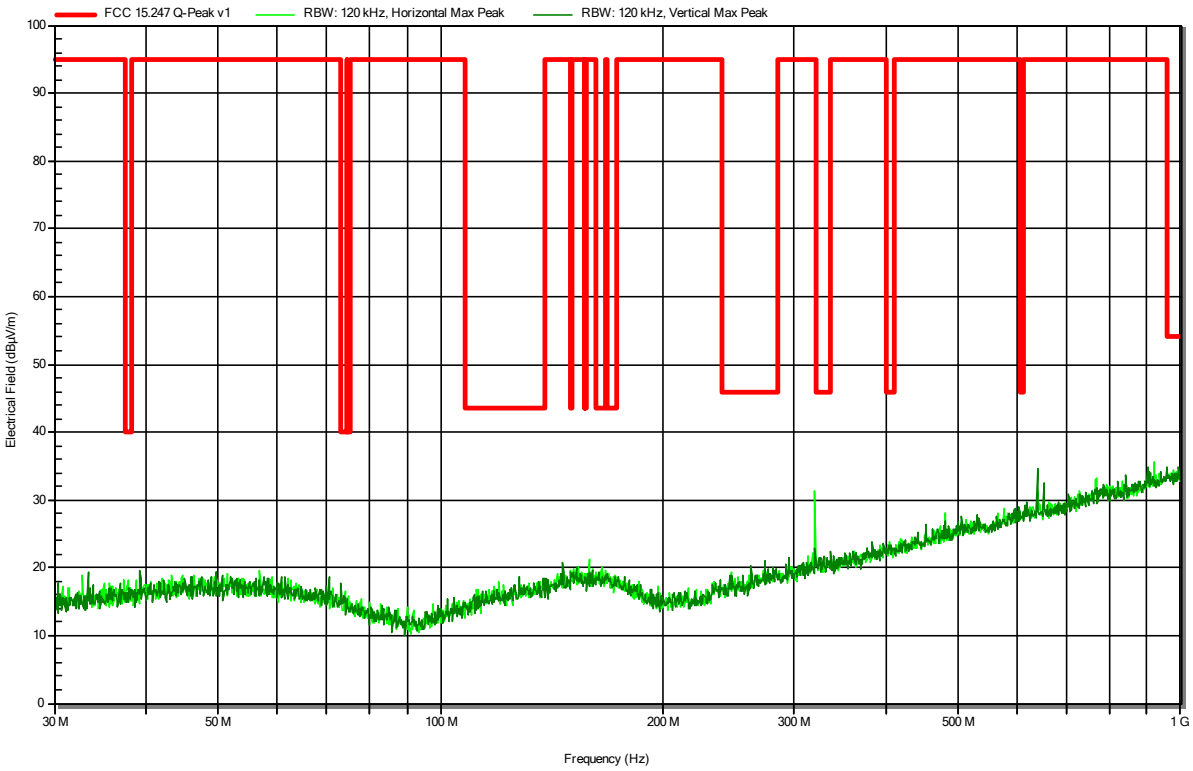


## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 20 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch9, 2452 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-26 |

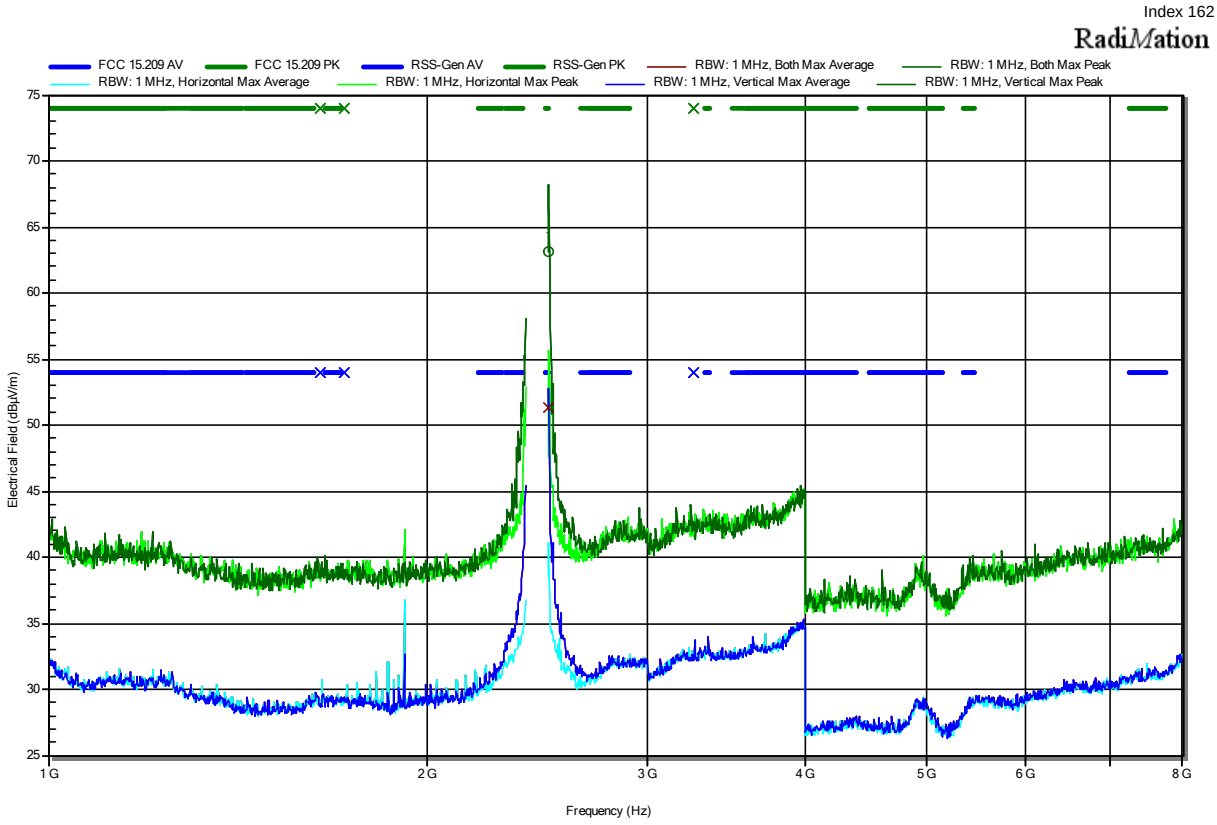
Index 194

RadiMation



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch9, 2452 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-19 |




| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.5 GHz | 63.11 dBµV/m | 74 dBµV/m | -10.89 dB | Pass | Vertical |

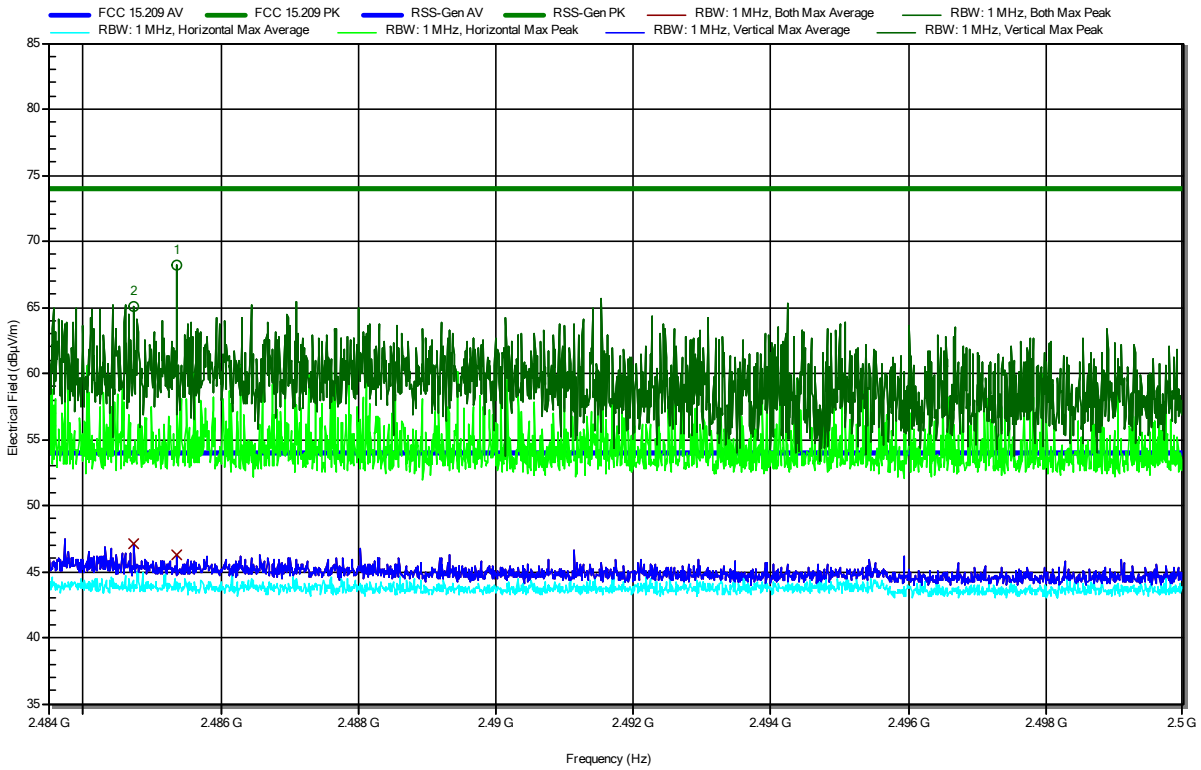
| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.5 GHz | 51.38 dBµV/m | 54 dBµV/m | -2.62 dB | Pass | Vertical |

## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120B |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch9, 2452 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-19 |
| Note: | upper bandedge |

Index 161

RadiMation

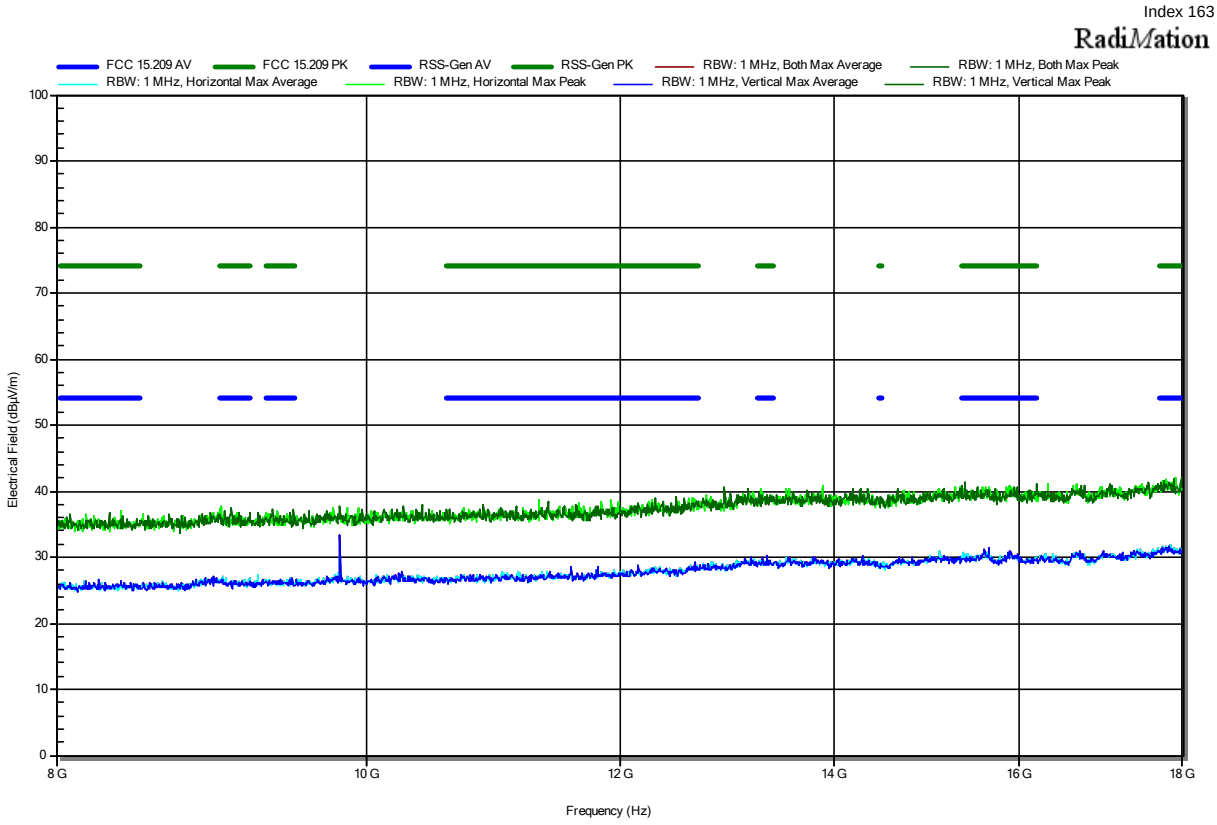



| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 2.4847 GHz | 65.07 dBµV/m | 74 dBµV/m | -8.93 dB | Pass | Vertical |
| 2.4854 GHz | 68.24 dBµV/m | 74 dBµV/m | -5.76 dB | Pass | Vertical |

| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 2.4847 GHz | 47.13 dBµV/m | 54 dBµV/m | -6.87 dB | Pass | Vertical |
| 2.4854 GHz | 46.21 dBµV/m | 54 dBµV/m | -7.79 dB | Pass | Vertical |

## Radiated Spurious Emissions according to 47 CFR Part 15.247

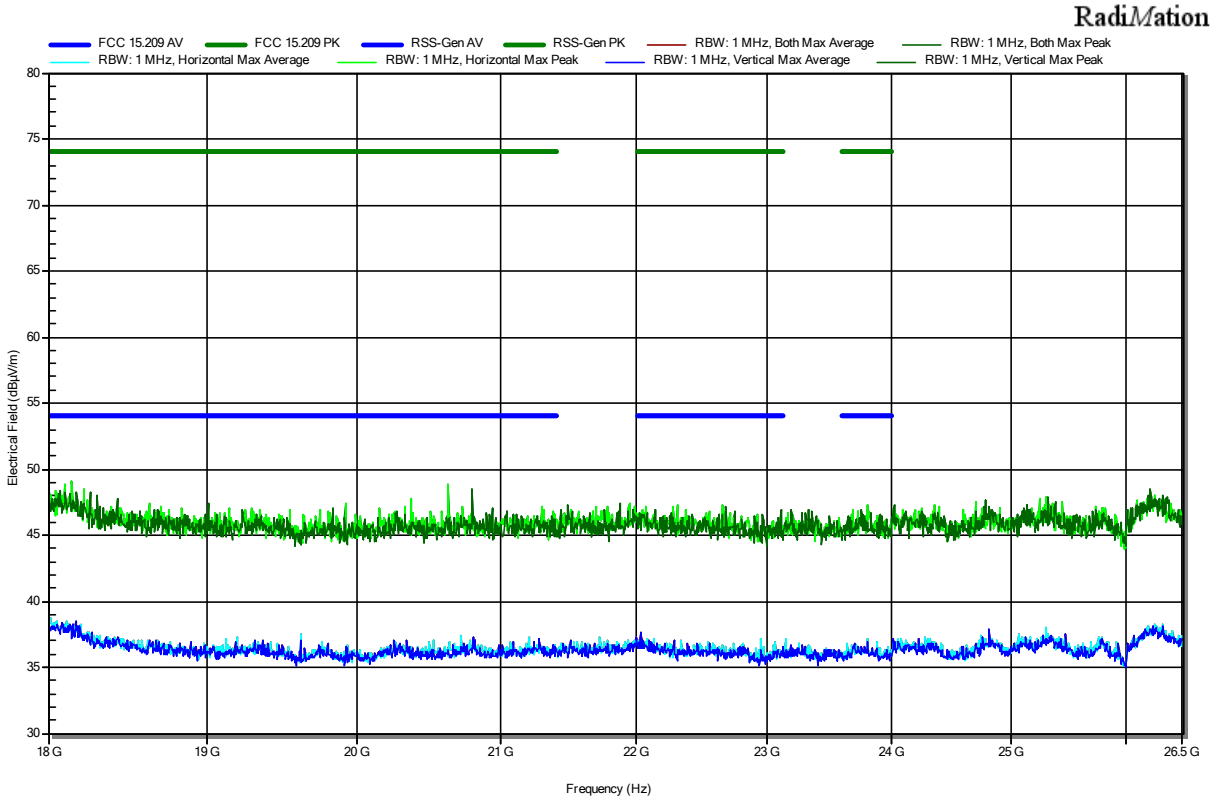
| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch9, 2452 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-19 |



## Radiated Spurious Emissions according to 47 CFR Part 15.247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox Malmö AB |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43094 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Godson Offorji |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Amplifier Research AT4560 |
| Measurement distance: | 3 m |
| Mode: | Tx; IEEE 802.11n, Ch9, 2452 GHz, MCS 0, HT40, DC=99%, P=14 dBm |
| Test Date: | 2023-07-19 |

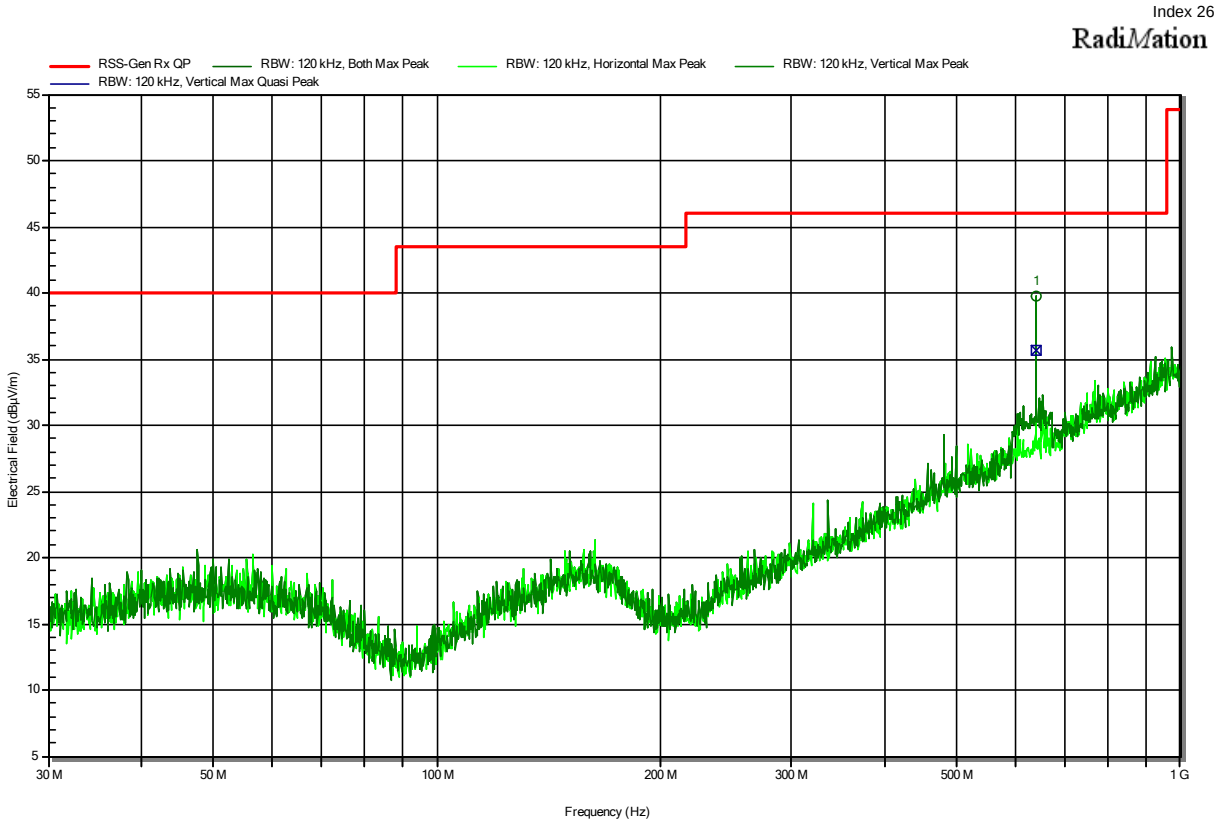
Index 165



# ANNEX B Receiver spurious emissions

## Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox AG |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43093 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck VULB 9168 |
| Measurement distance: | 3 m |
| Mode: | Rx; IEEE 802.11, CH 6, 2437 MHz |
| Test Date: | 2023-07-26 |

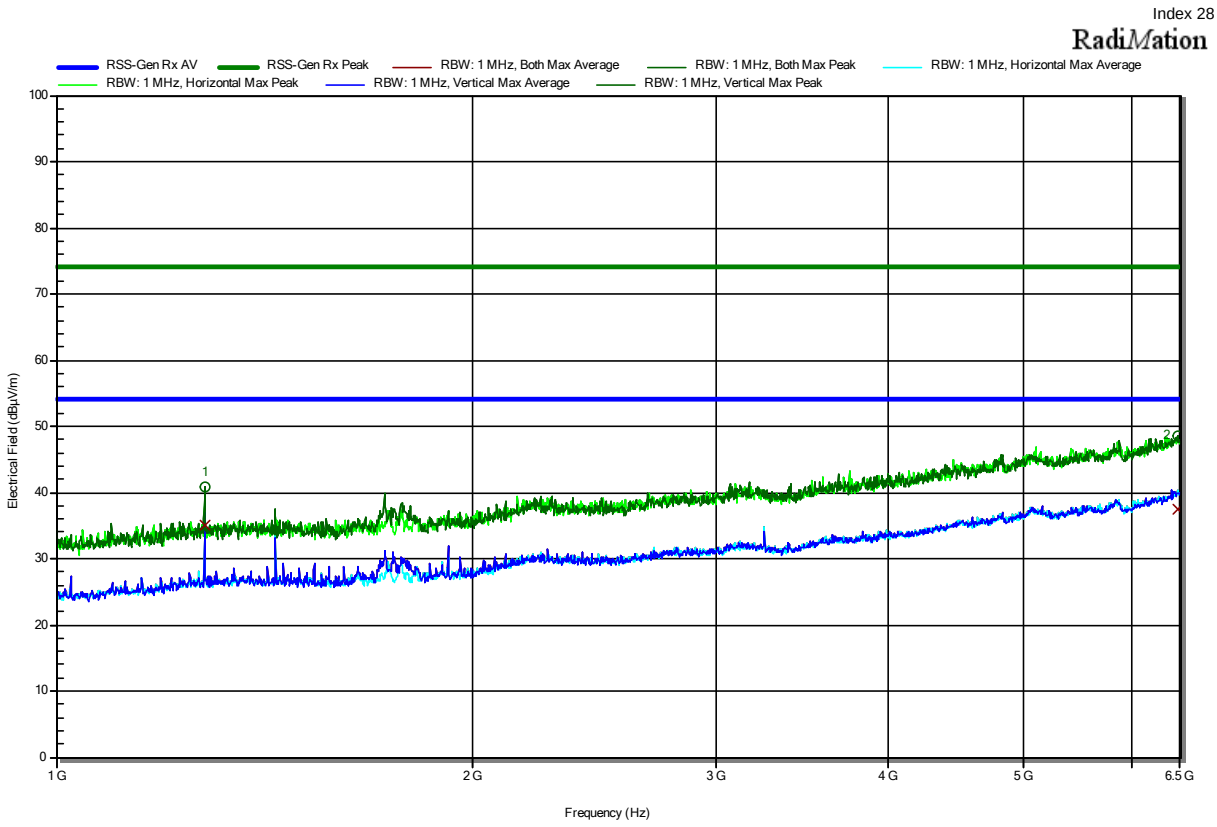



| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 639.977 MHz | 39.8 dBµV/m | 46 dBµV/m | -6.2 dB | Pass | Vertical |

| Frequency | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Polarization |
|---|---|---|---|---|---|
| 639.977 MHz | 35.7 dBµV/m | 46 dBµV/m | -10.32 dB | Pass | Vertical |

## Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox AG |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43093 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck BBHA 9120D |
| Measurement distance: | 3 m |
| Mode: | Rx; IEEE 802.11, CH 6, 2437 MHz |
| Test Date: | 2023-07-27 |




| Frequency | Peak | Peak Limit | Peak Difference | Peak Status | Polarization |
|---|---|---|---|---|---|
| 1.28 GHz | 40.84 dBµV/m | 74 dBµV/m | -33.16 dB | Pass | Vertical |
| 6.471 GHz | 48.44 dBµV/m | 74 dBµV/m | -25.56 dB | Pass | Vertical |

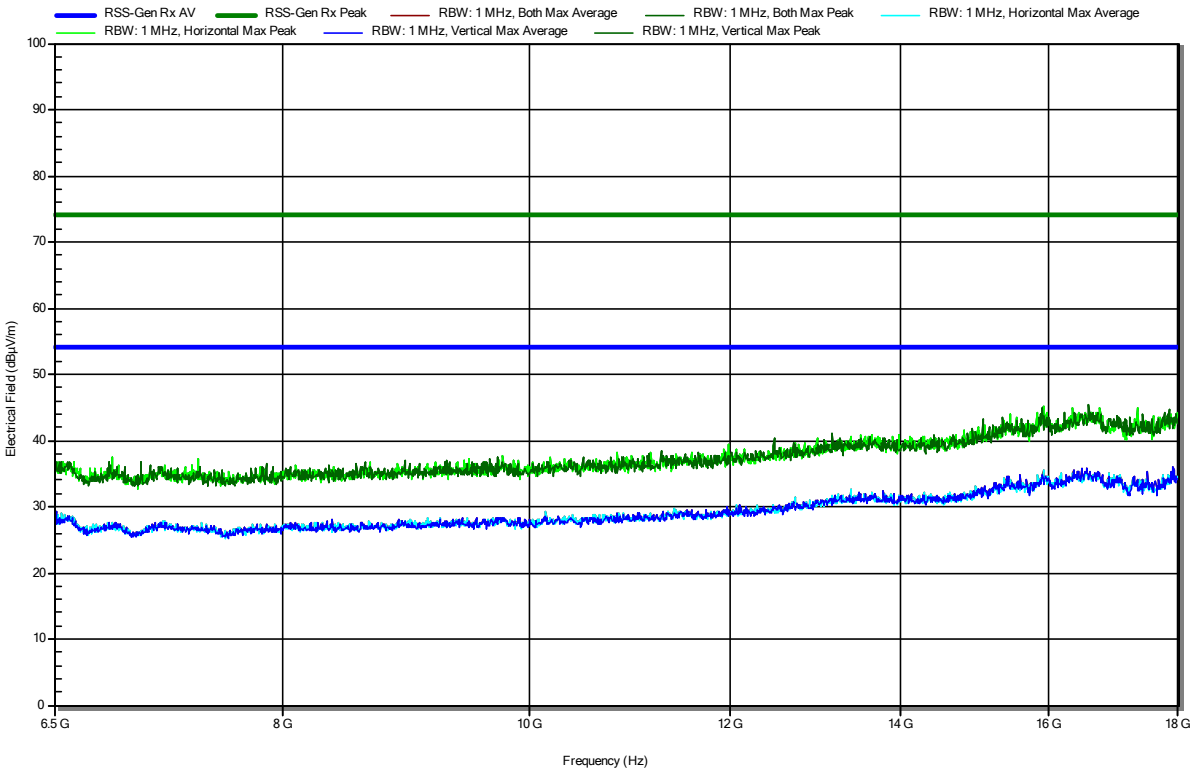
| Frequency | Average | Average Limit | Average Difference | Average Status | Polarization |
|---|---|---|---|---|---|
| 1.28 GHz | 35.04 dBµV/m | 53.98 dBµV/m | -18.94 dB | Pass | Vertical |
| 6.471 GHz | 37.4 dBµV/m | 53.98 dBµV/m | -16.58 dB | Pass | Vertical |

## Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

| | |
|---|---|
| Project Number: | G0M-2302-1881 |
| Applicant: | u-blox AG |
| Model Description: | Host-based multiradio module |
| Model: | MAYA-W271-00B |
| Test Sample ID: | 43093 |
| Test Site: | Eurofins Product Service GmbH |
| Operator: | Mr. Sohrabi |
| Measurement software: | RadiMation, version 2020.1.8 |
| Test Conditions: | Tnom: 23 °Celsius, Vnom: 3.3 VDC |
| Antenna: | Schwarzbeck HWRD 650 |
| Measurement distance: | 3 m |
| Mode: | Rx; IEEE 802.11, CH 6, 2437 MHz |
| Test Date: | 2023-07-27 |

Index 29

RadiMation




= = END OF TEST REPORT = = =