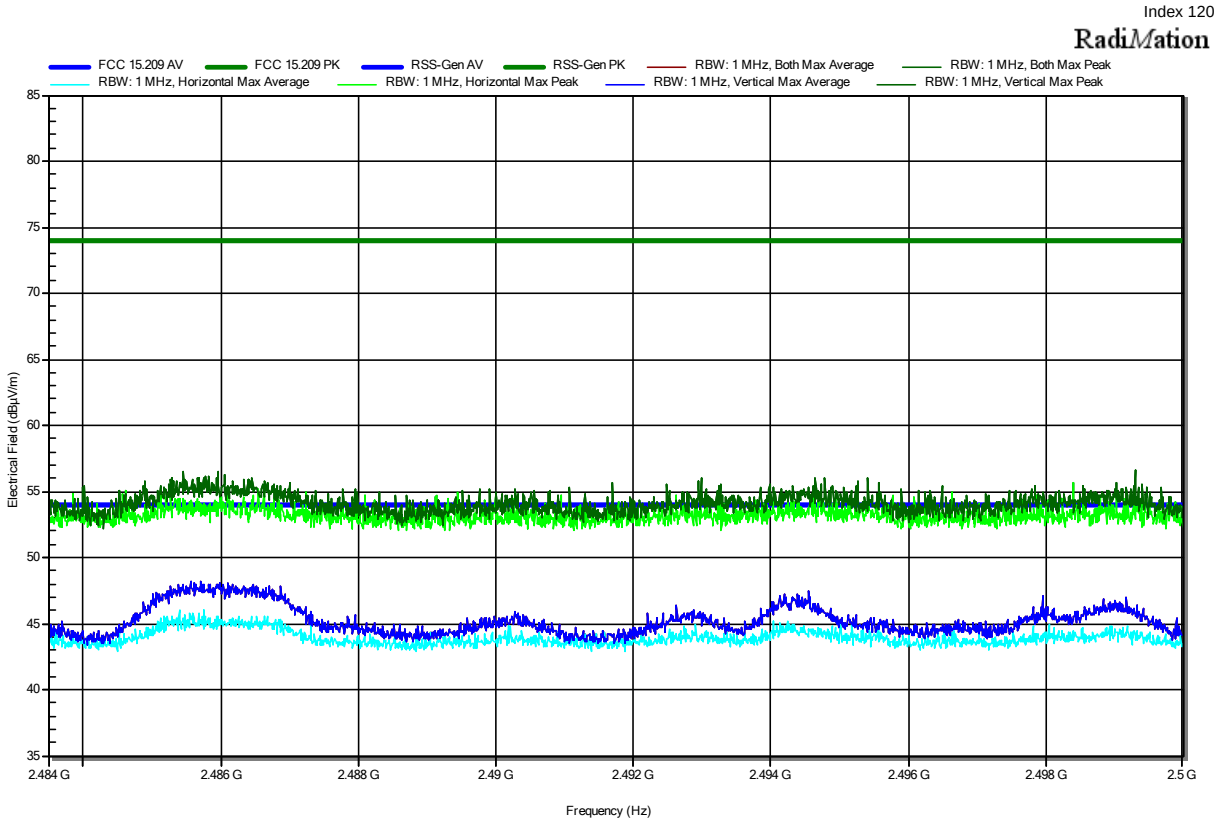
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



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:	

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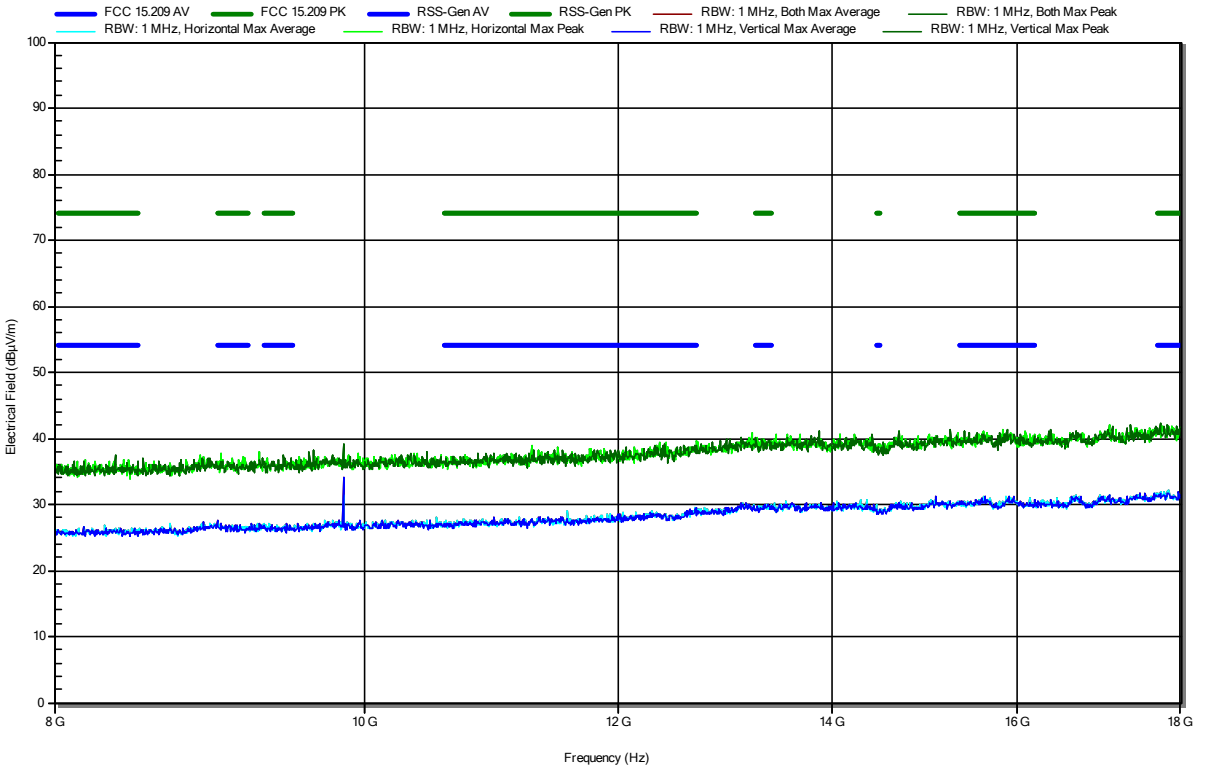
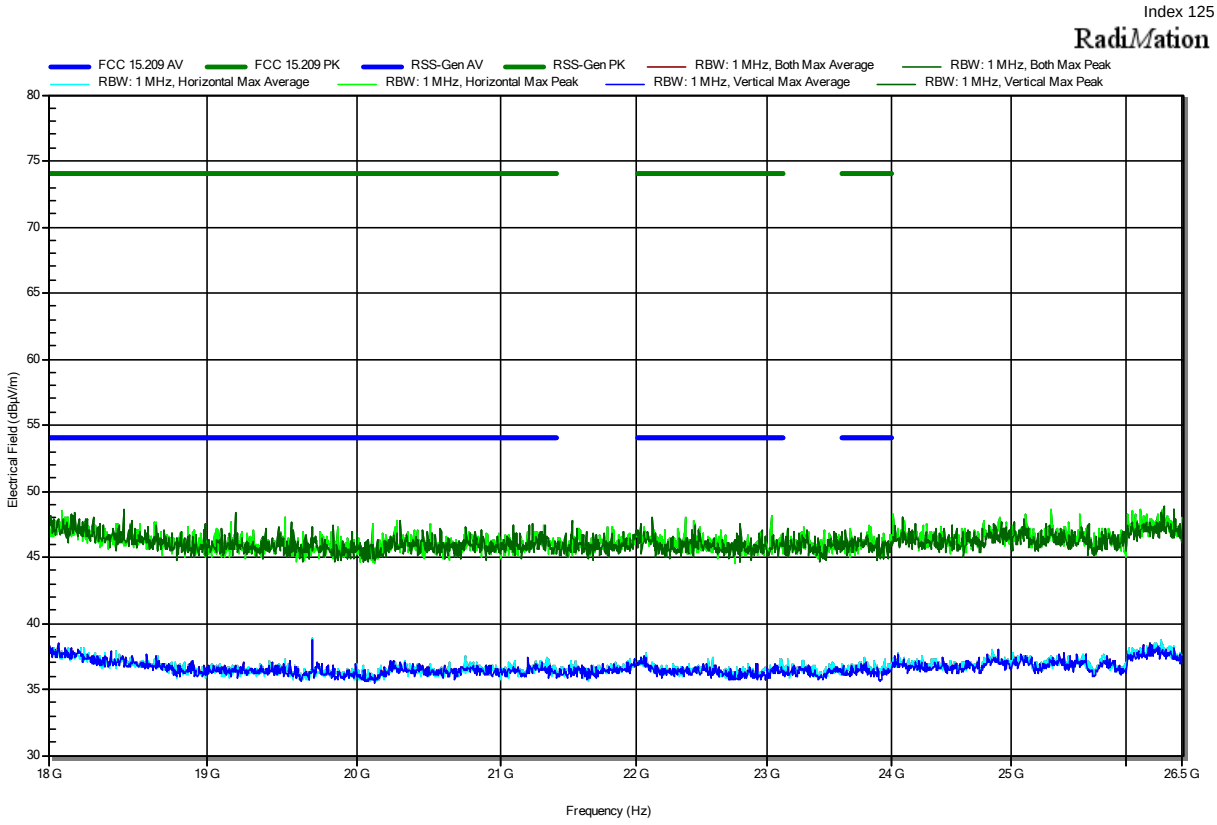
RadiMation



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



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 802.11g, Ch1, 2412 GHz, 6 Mpbs, OFDM, DC=99%, P=16 dBm
Test Date:	2023-07-26

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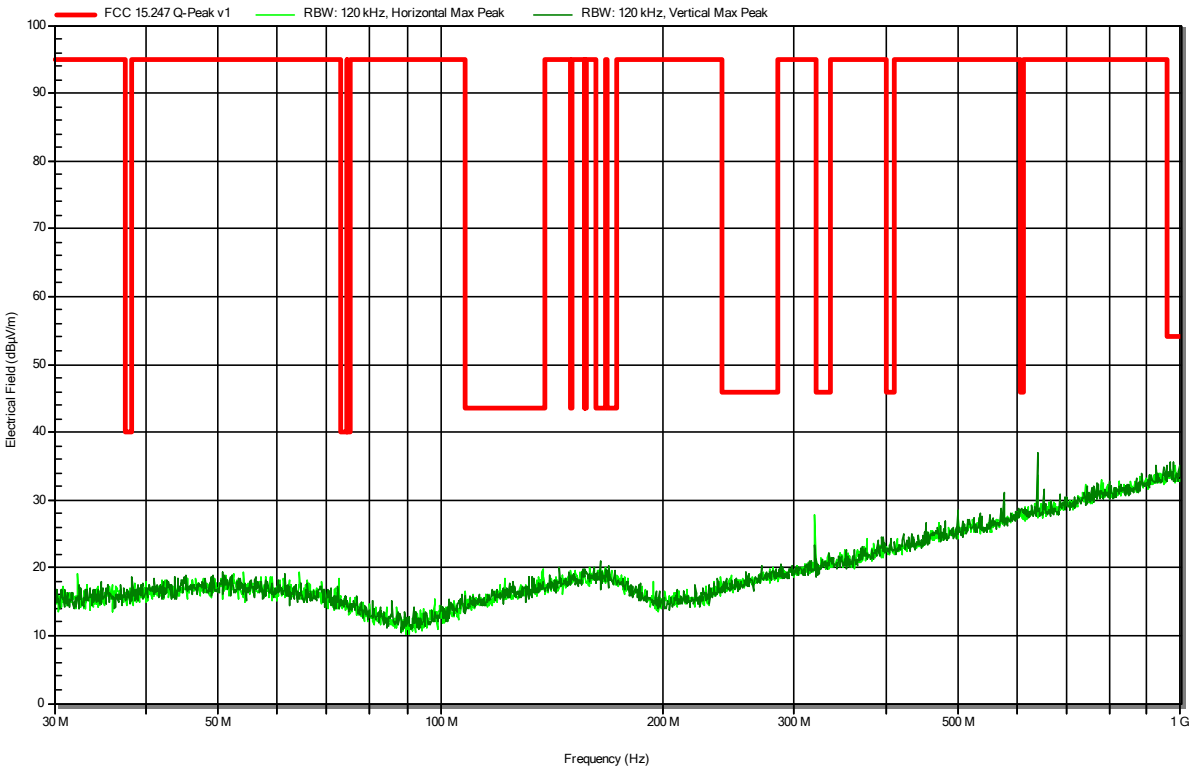
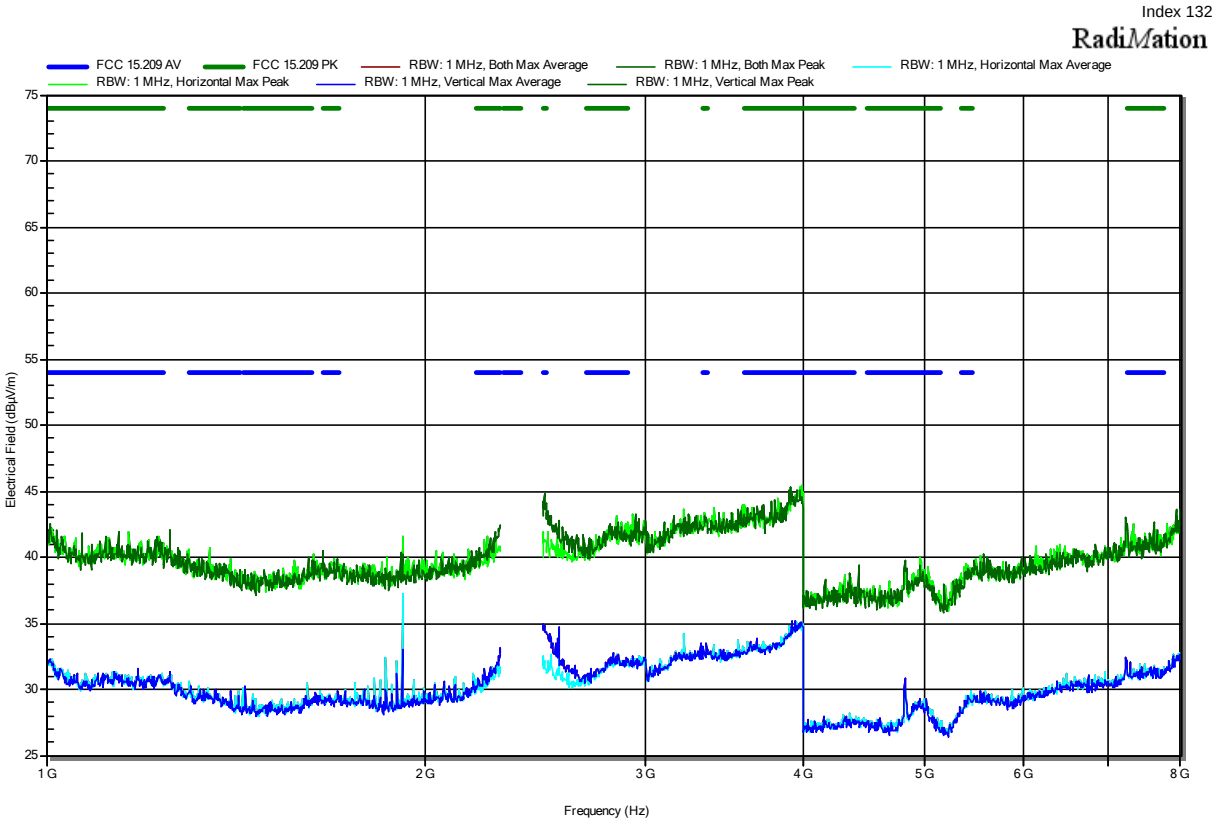


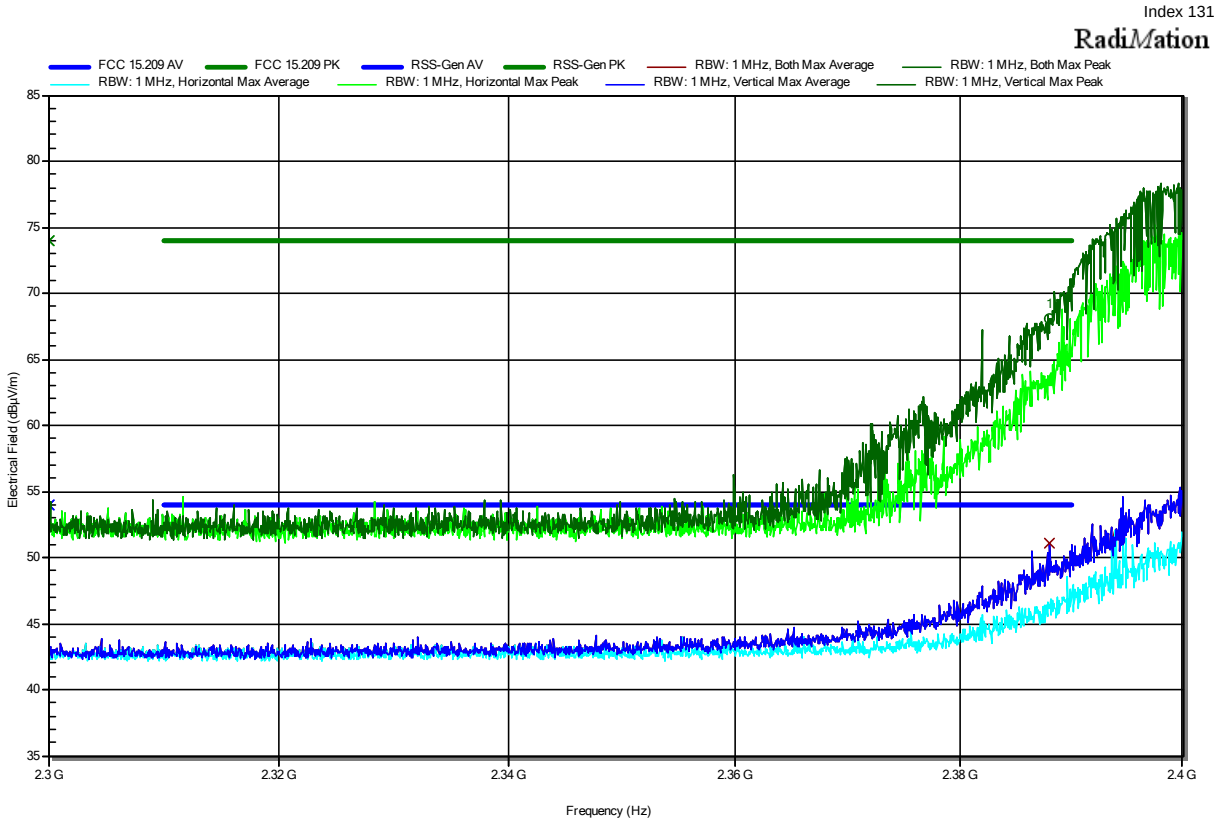
Radiated Spurious Emissions according to 47 CFR Part 15.247

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 802.11g, 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

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, Ch1, 2412 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm
Test Date:	2023-07-18
Note:	lower bandedge

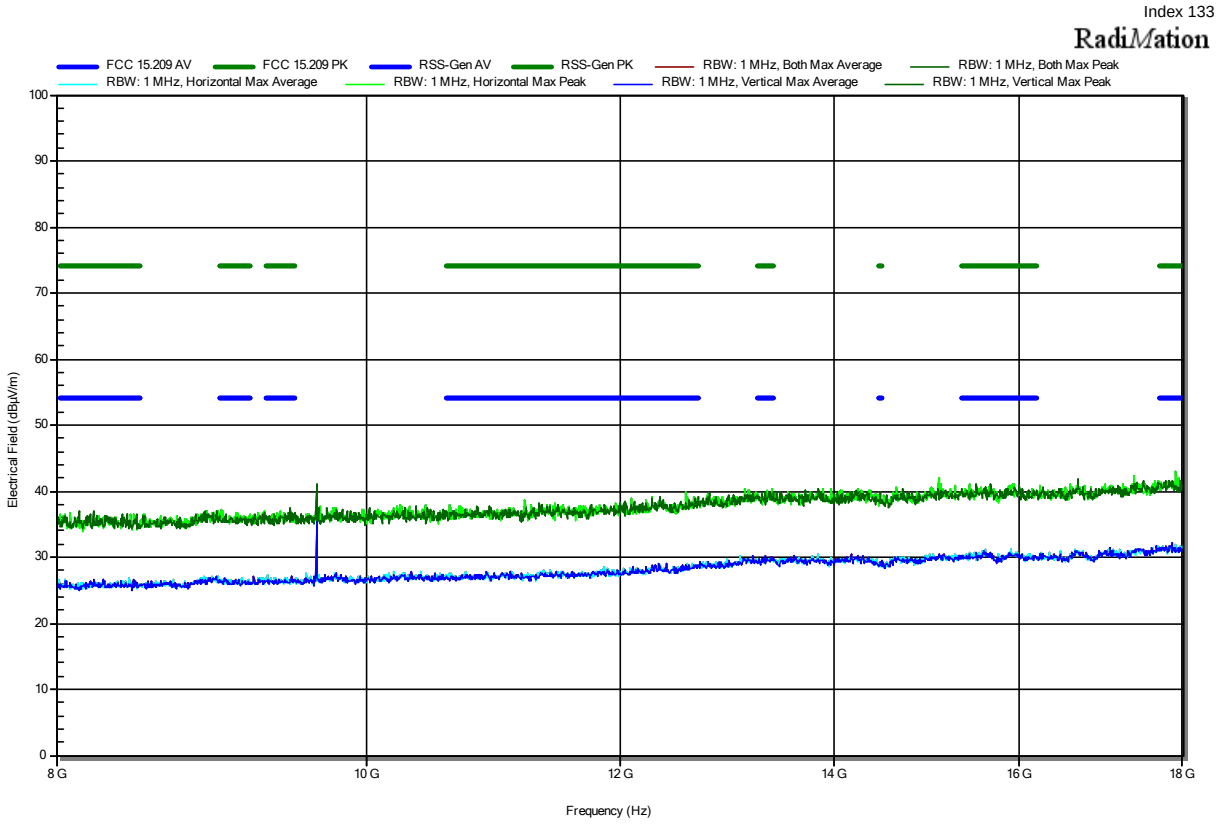


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.388 GHz	68.11 dBµV/m	74 dBµV/m	-5.89 dB	Pass	Vertical

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

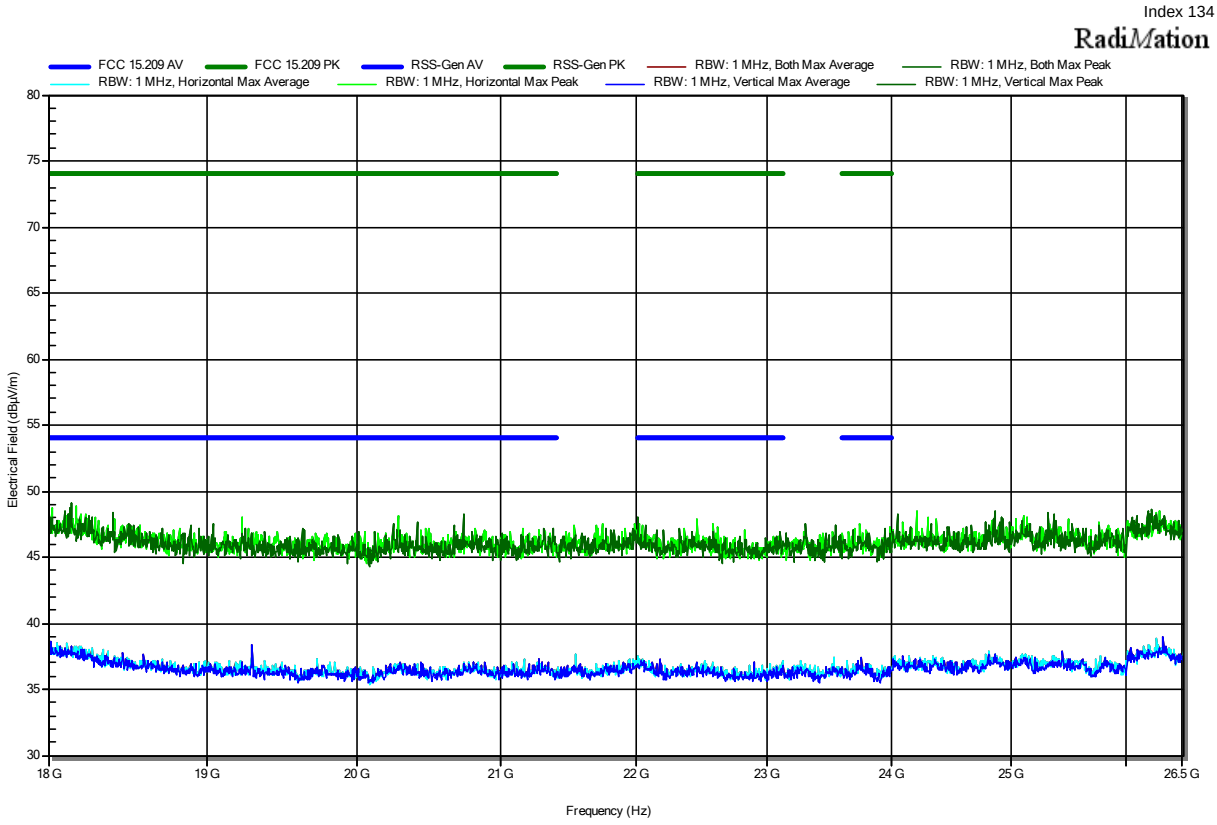
Radiated Spurious Emissions according to 47 CFR Part 15.247

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, 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

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



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 802.11g, Ch6, 2437 GHz, 6 Mpbs, OFDM, DC=99%, P=19 dBm
Test Date:	2023-07-26

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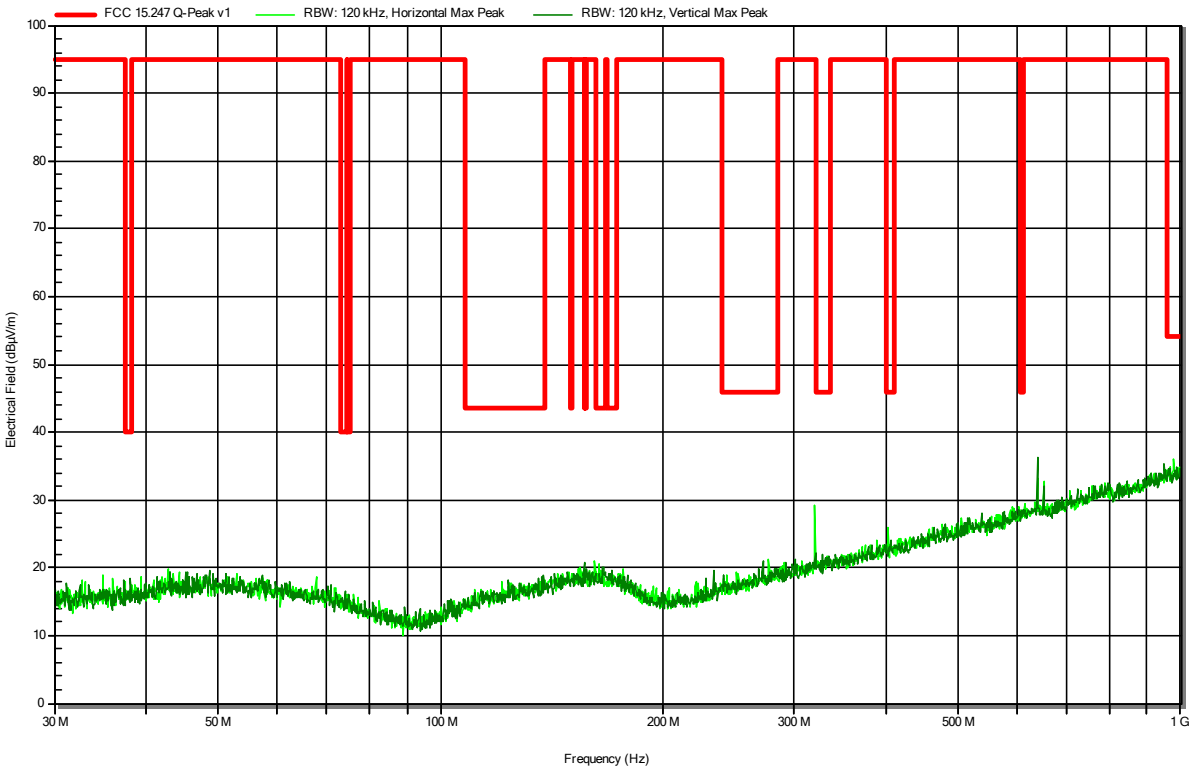
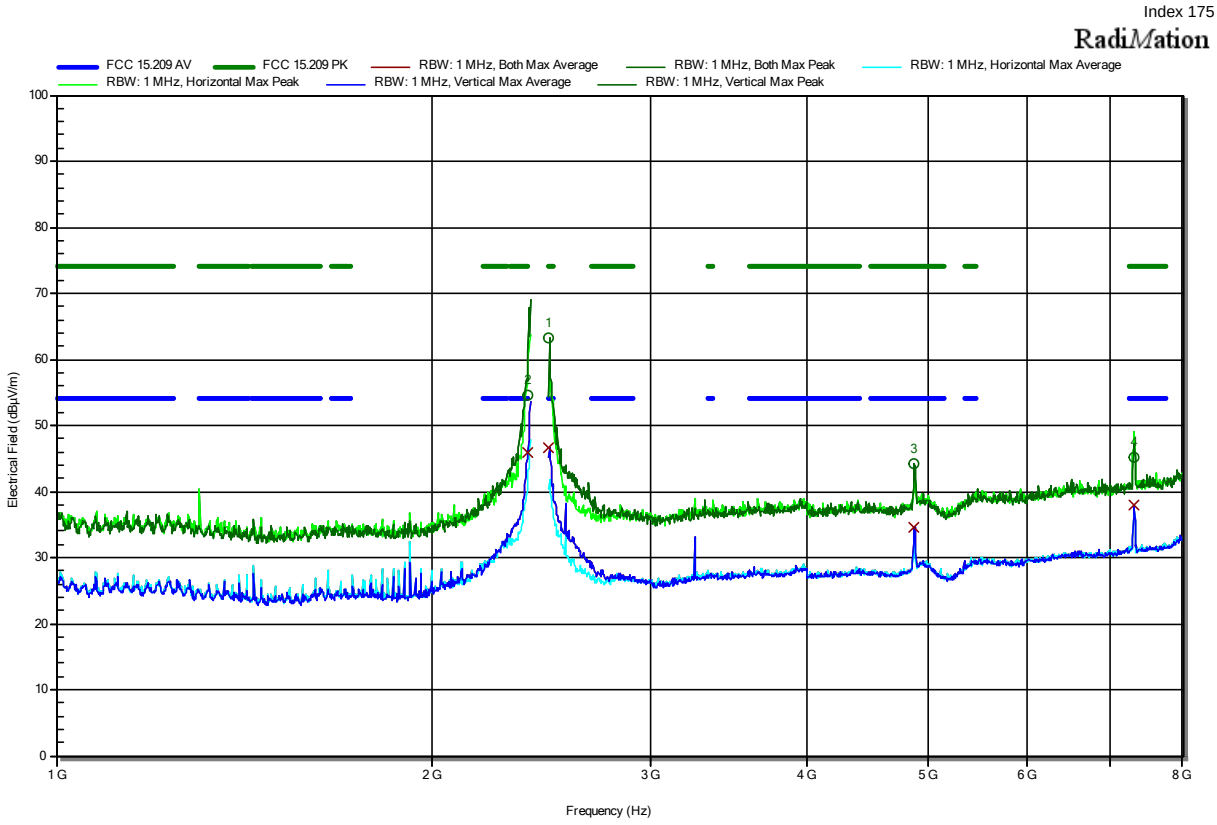


Radiated Spurious Emissions according to 47 CFR Part 15.247

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 802.11g, Ch6, 2437 GHz, 6 Mbps, OFDM, DC=99%, P=19 dBm
Test Date:	2023-07-20

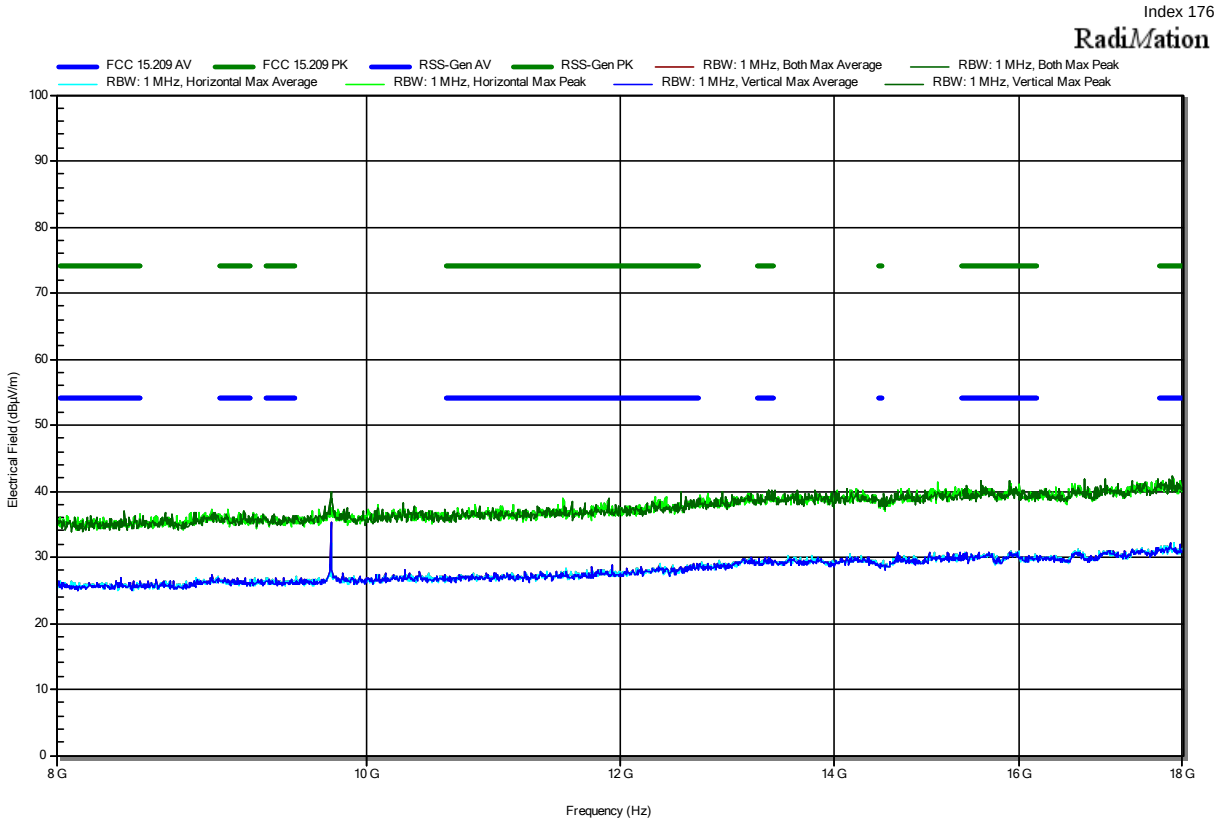


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.387 GHz	54.6 dBµV/m	74 dBµV/m	-19.4 dB	Pass	Vertical
2.4844 GHz	63.16 dBµV/m	74 dBµV/m	-10.84 dB	Pass	Vertical
4.8745 GHz	44.21 dBµV/m	74 dBµV/m	-29.79 dB	Pass	Vertical
7.3108 GHz	45.21 dBµV/m	74 dBµV/m	-28.79 dB	Pass	Vertical

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

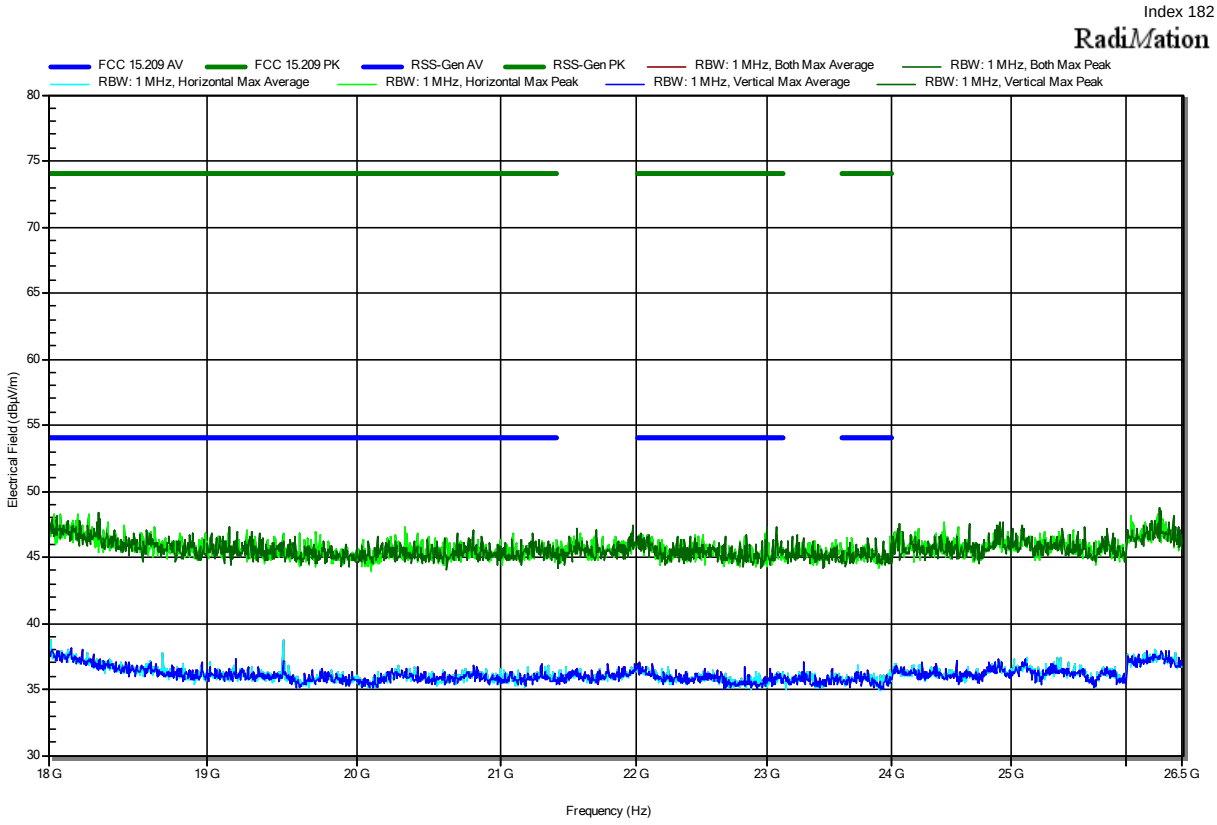
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



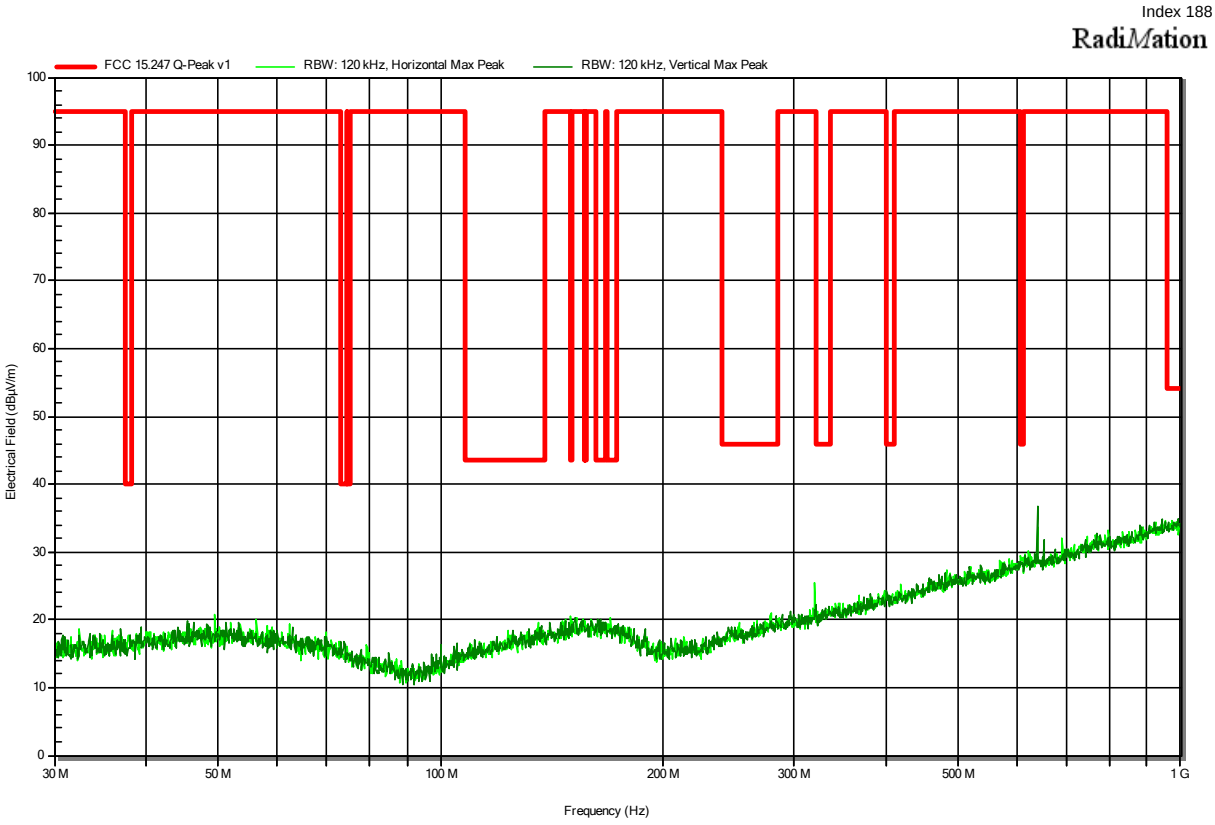
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



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 802.11g, Ch11, 2462 GHz, 6 Mpbs, OFDM, DC=99%, P=16 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 802.11g, Ch11, 2462 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm
Test Date:	2023-07-18

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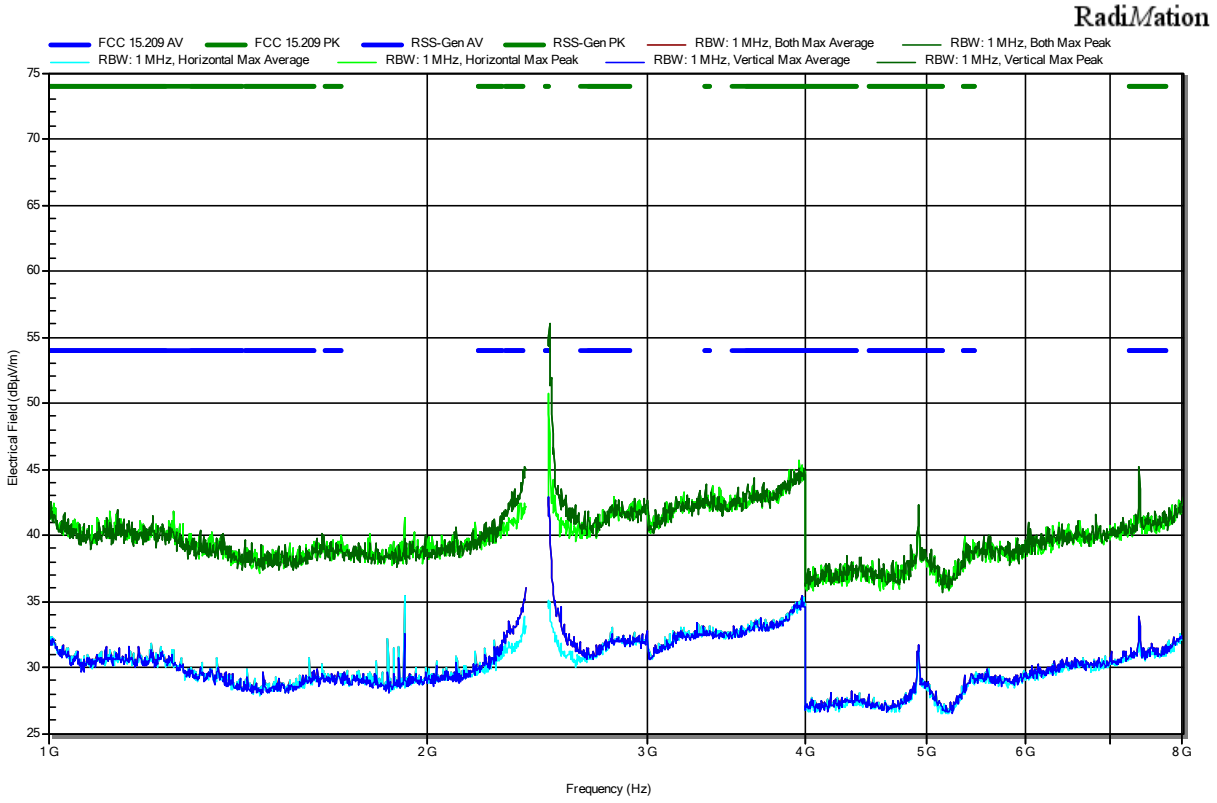

Radiated Spurious Emissions according to 47 CFR Part 15.247

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 802.11g, Ch11, 2462 GHz, 6 Mbps, OFDM, DC=99%, P=16 dBm
Test Date:	2023-07-18
Note:	upper bandedge

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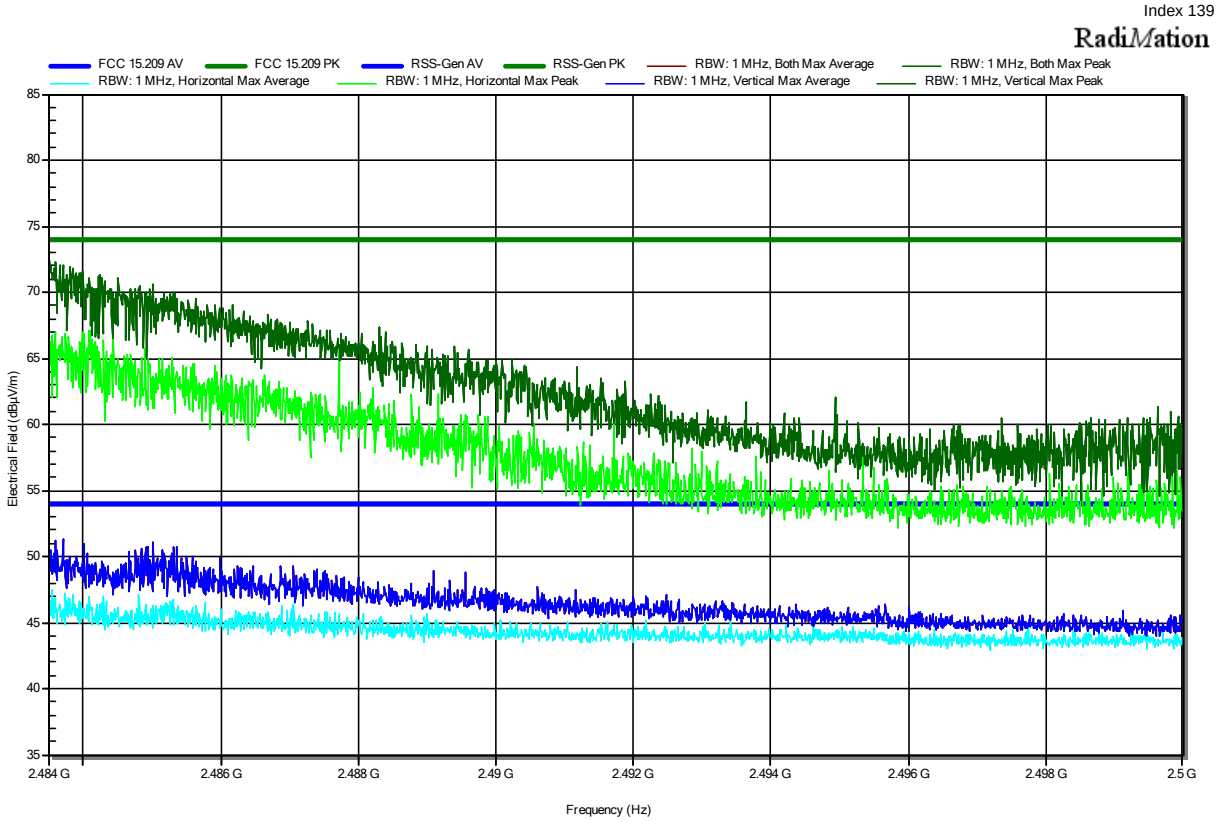
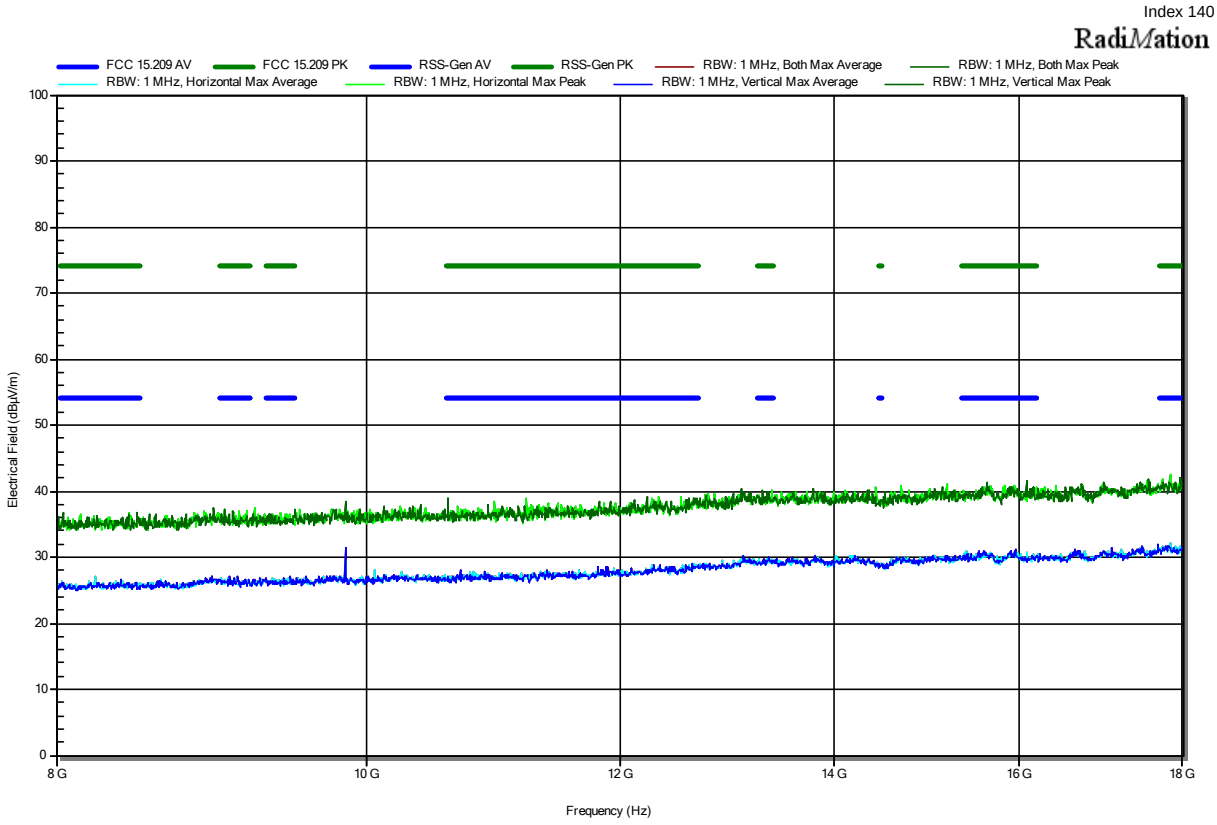


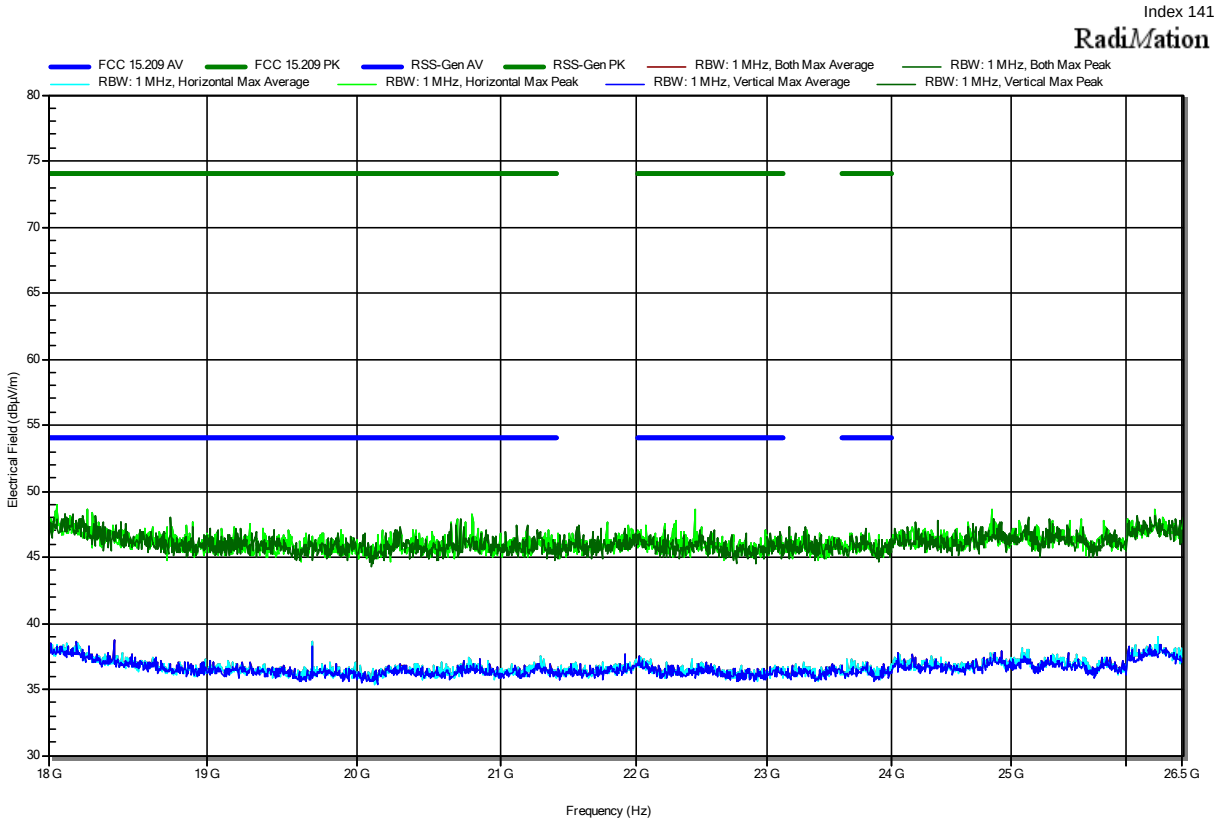
Radiated Spurious Emissions according to 47 CFR Part 15.247

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 802.11g, Ch11, 2462 GHz, 6 Mbps, OFDM, 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 802.11g, 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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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, Ch1, 2412 GHz, MCS 2, HT20, DC=99%, P=16 dBm
Test Date:	2023-07-26

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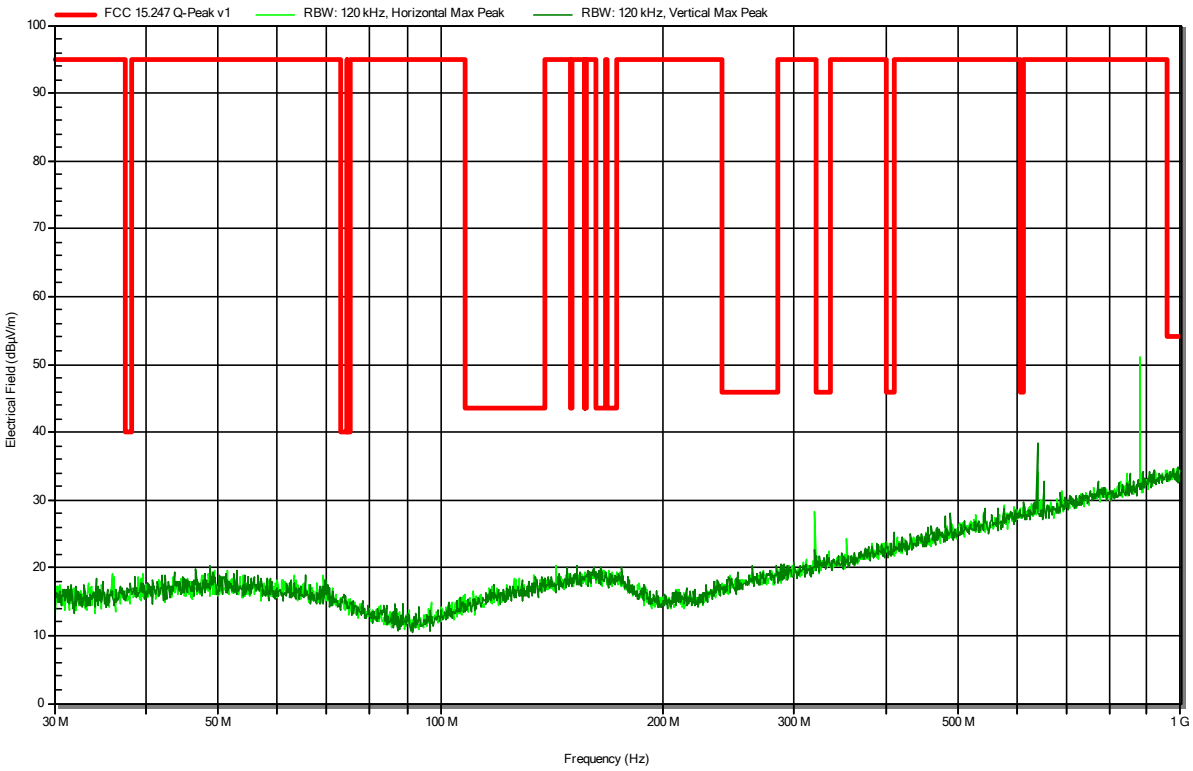
RadiMation



Radiated Spurious Emissions according to 47 CFR Part 15.247

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Model Description:	Host-based multiradio module
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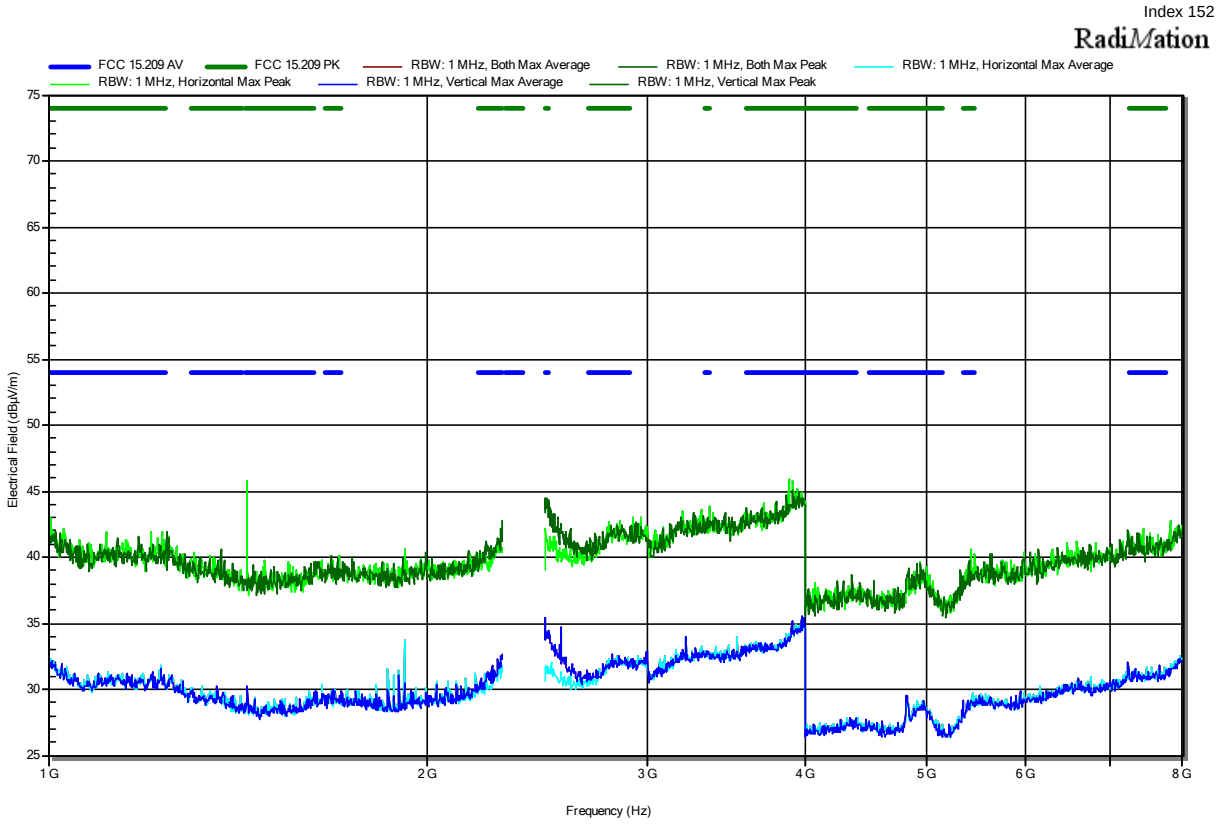
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 23 °Celsius, Vnom: 3.3 VDC
Antenna:	Schwarzbeck BBHA 9120B
Measurement distance:	3 m
Mode:	Tx; IEEE 802.11n, Ch1, 2412 GHz, MCS 2, HT20, DC=99%, P=16 dBm
Test Date:	2023-07-18



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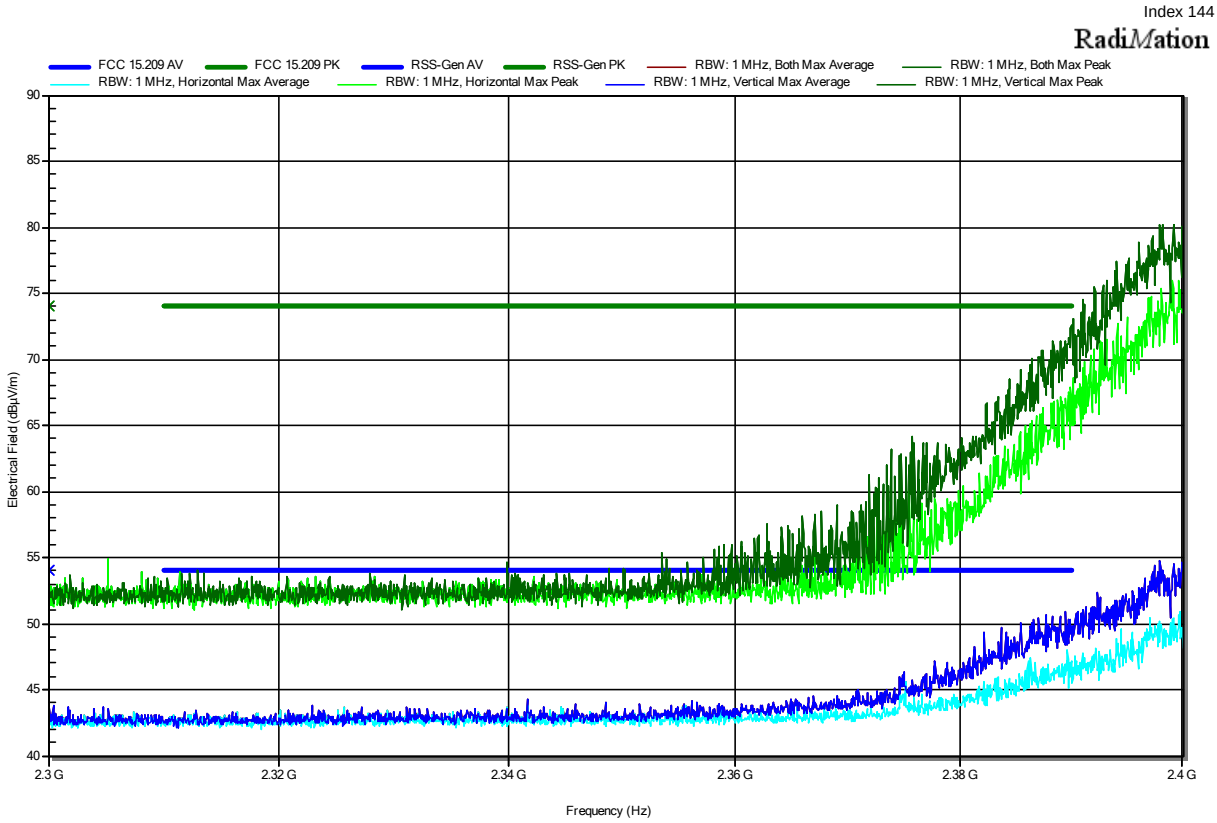
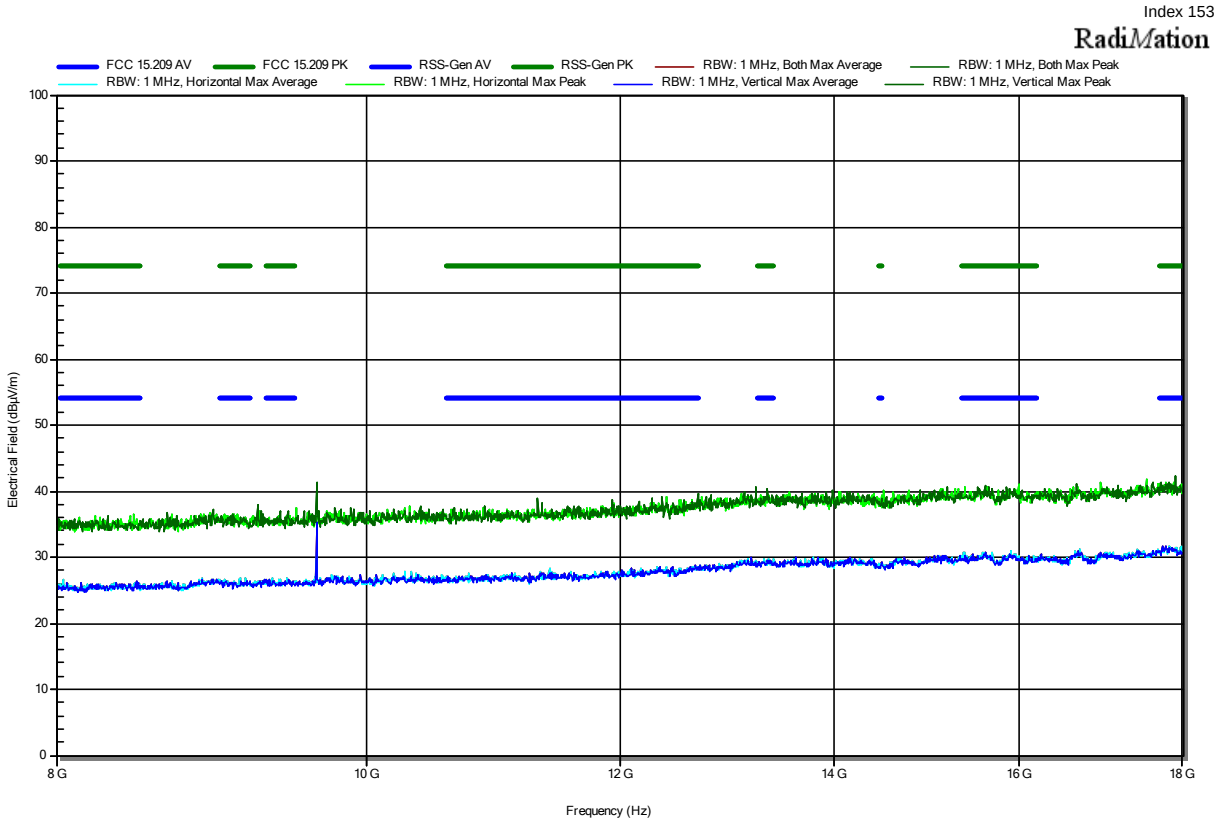
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 23 °Celsius, Vnom: 3.3 VDC
Antenna:	Schwarzbeck BBHA 9120B
Measurement distance:	3 m
Mode:	Tx; IEEE 802.11n, Ch1, 2412 GHz, MCS 2, HT20, DC=99%, P=16 dBm
Test Date:	2023-07-18
Note:	lower bandedge



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

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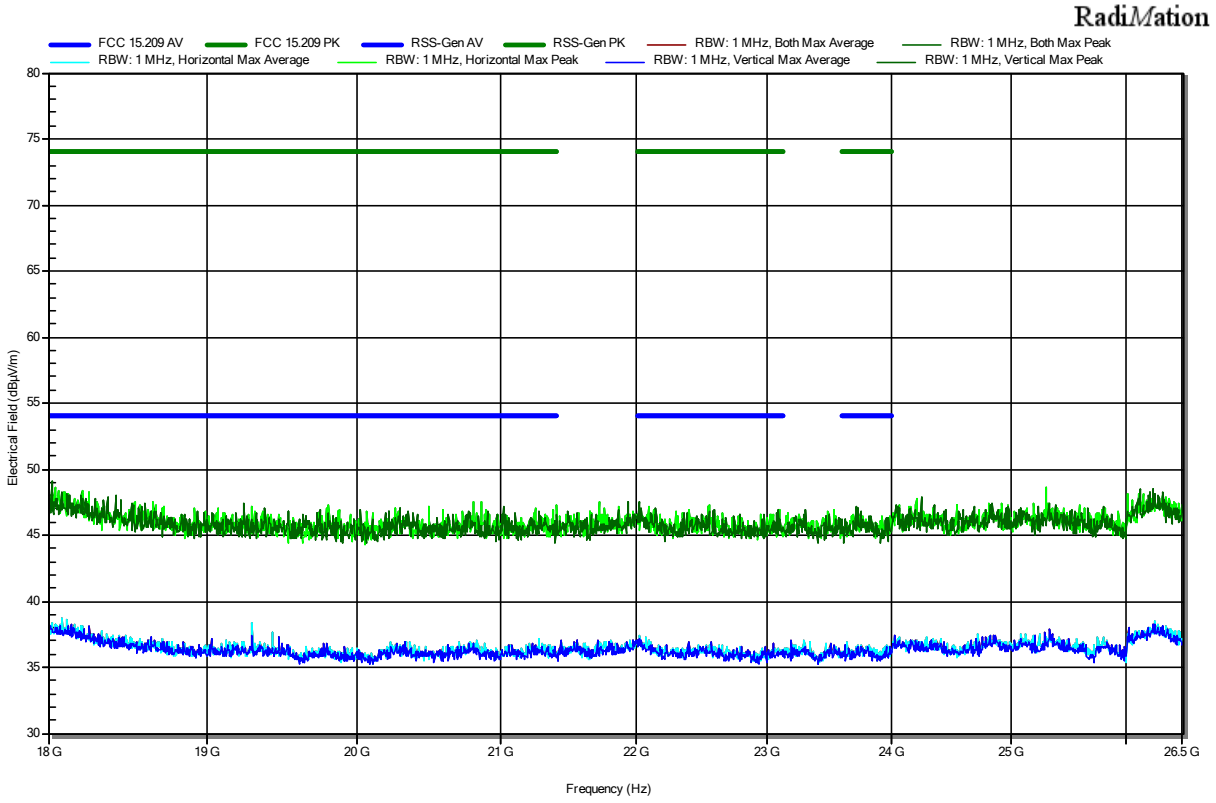
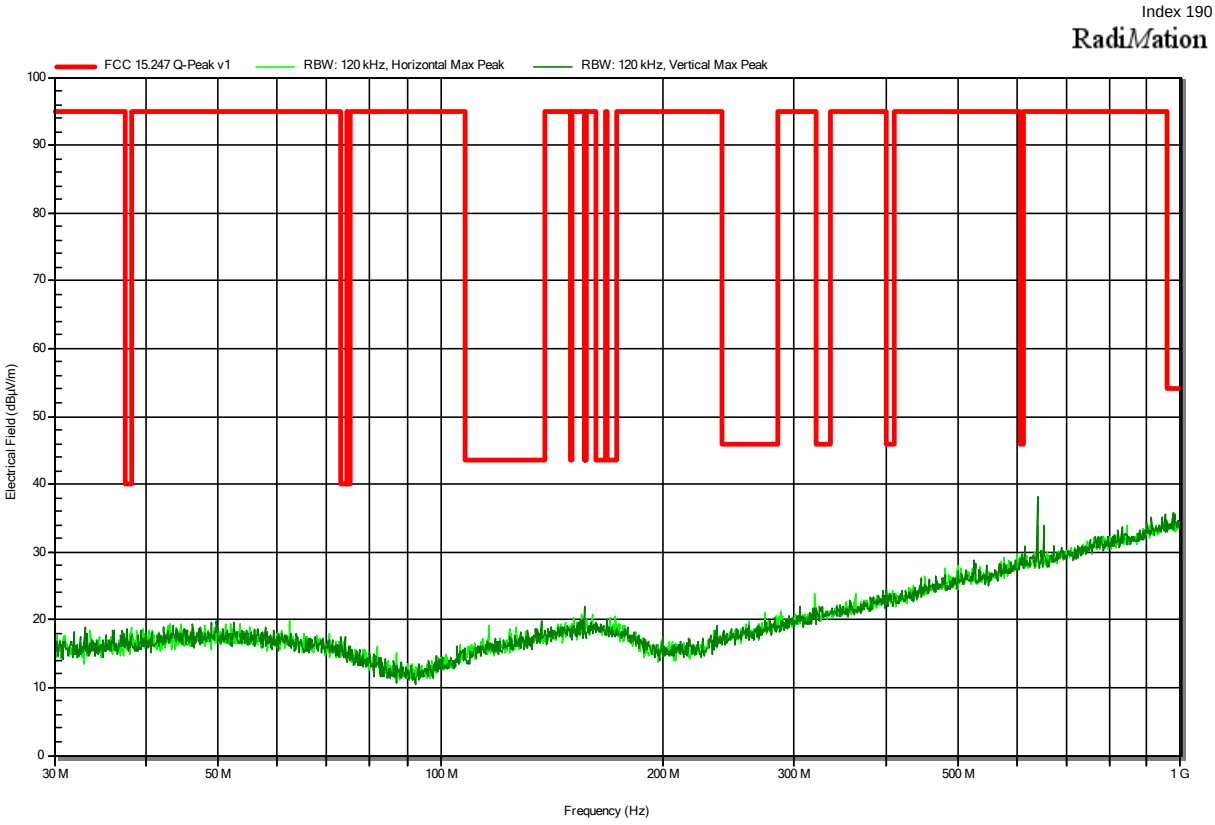


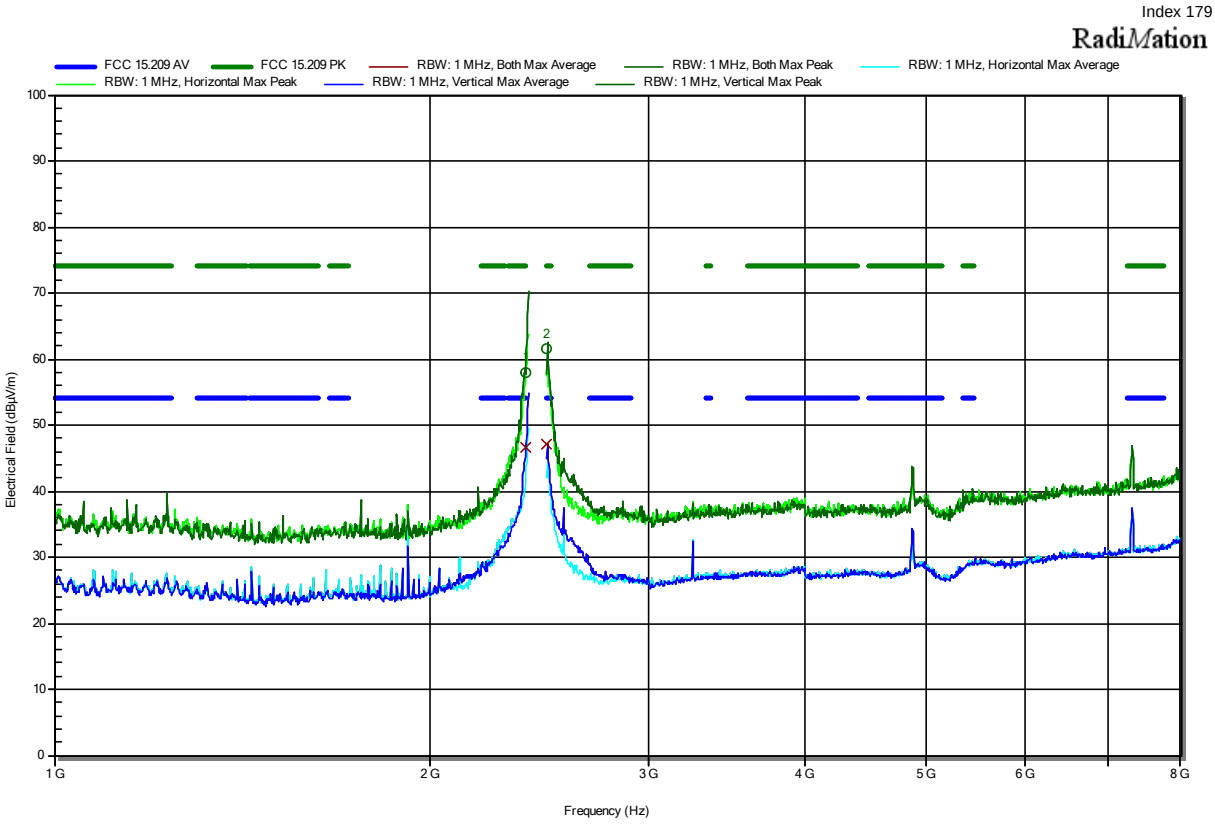
Radiated Spurious Emissions according to 47 CFR Part 15.247

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

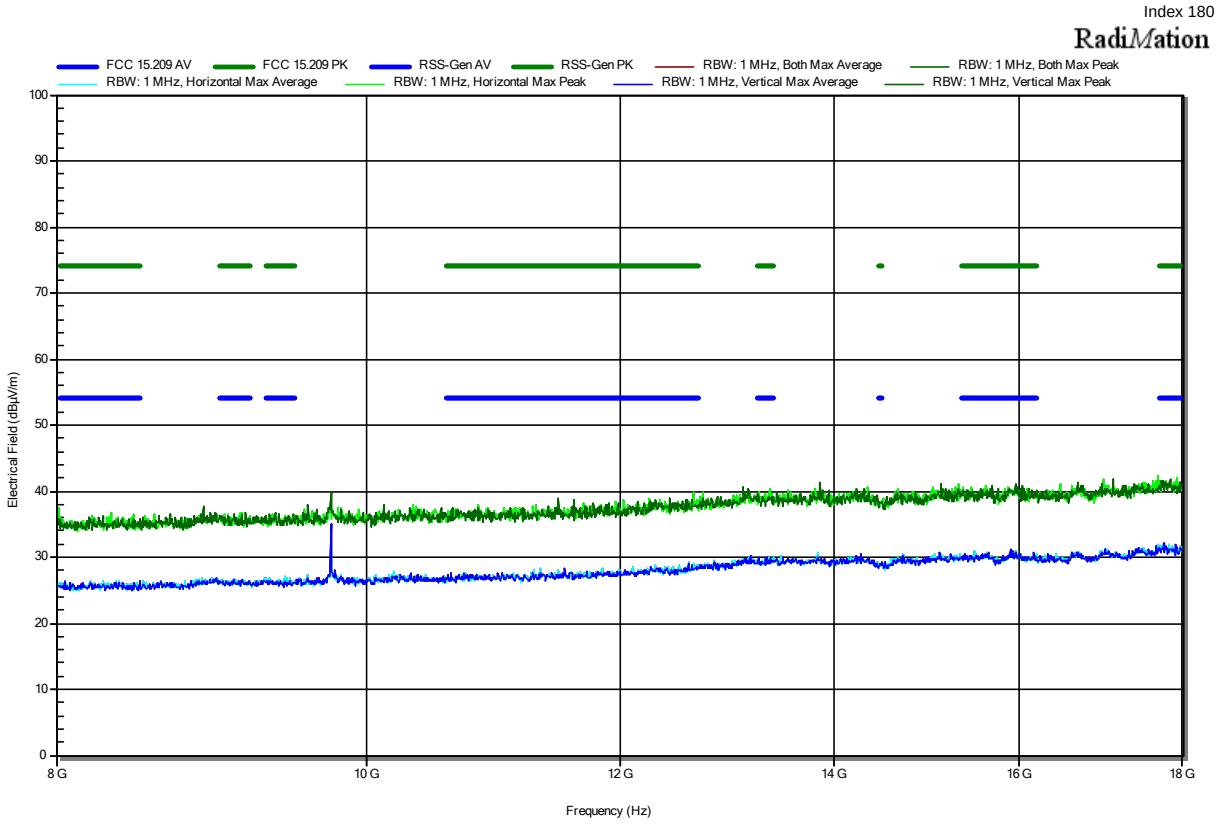


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.3895 GHz	57.84 dBµV/m	74 dBµV/m	-16.16 dB	Pass	Vertical
2.4846 GHz	61.6 dBµV/m	74 dBµV/m	-12.4 dB	Pass	Vertical

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

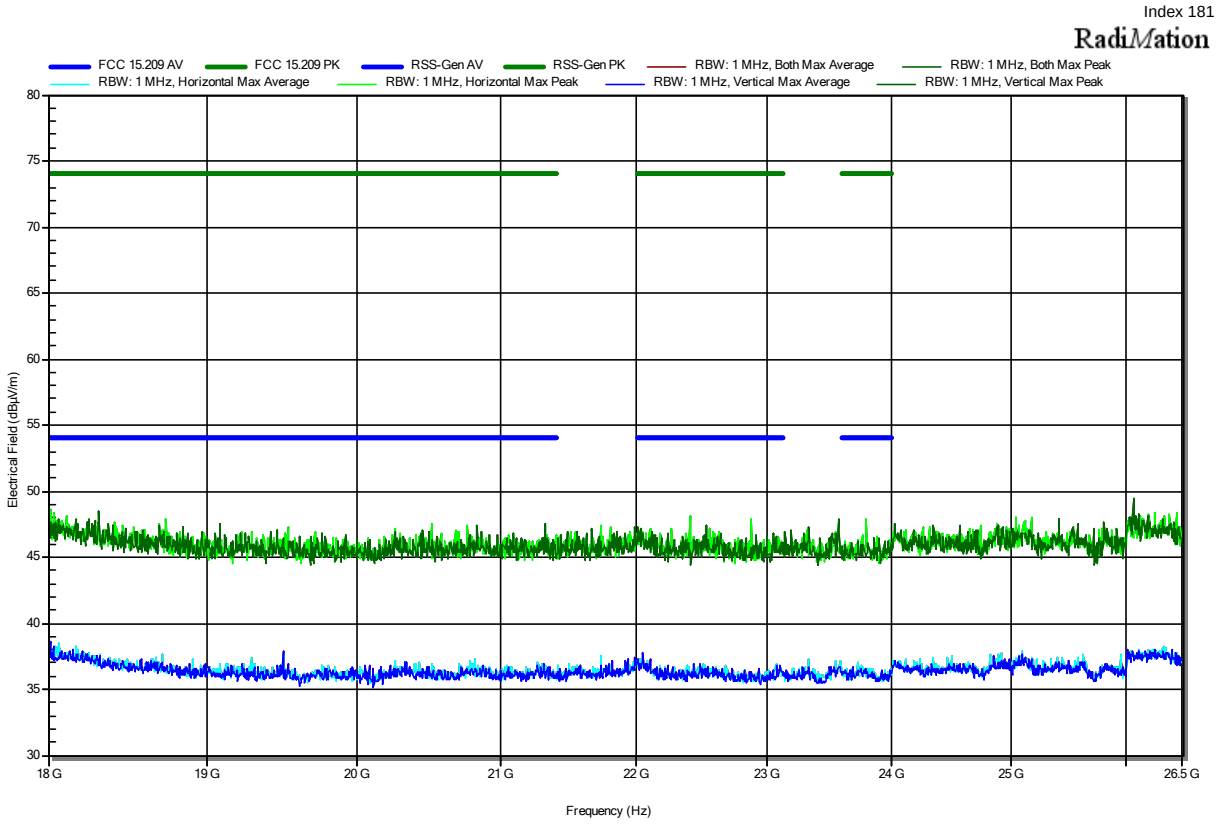
Radiated Spurious Emissions according to 47 CFR Part 15.247

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

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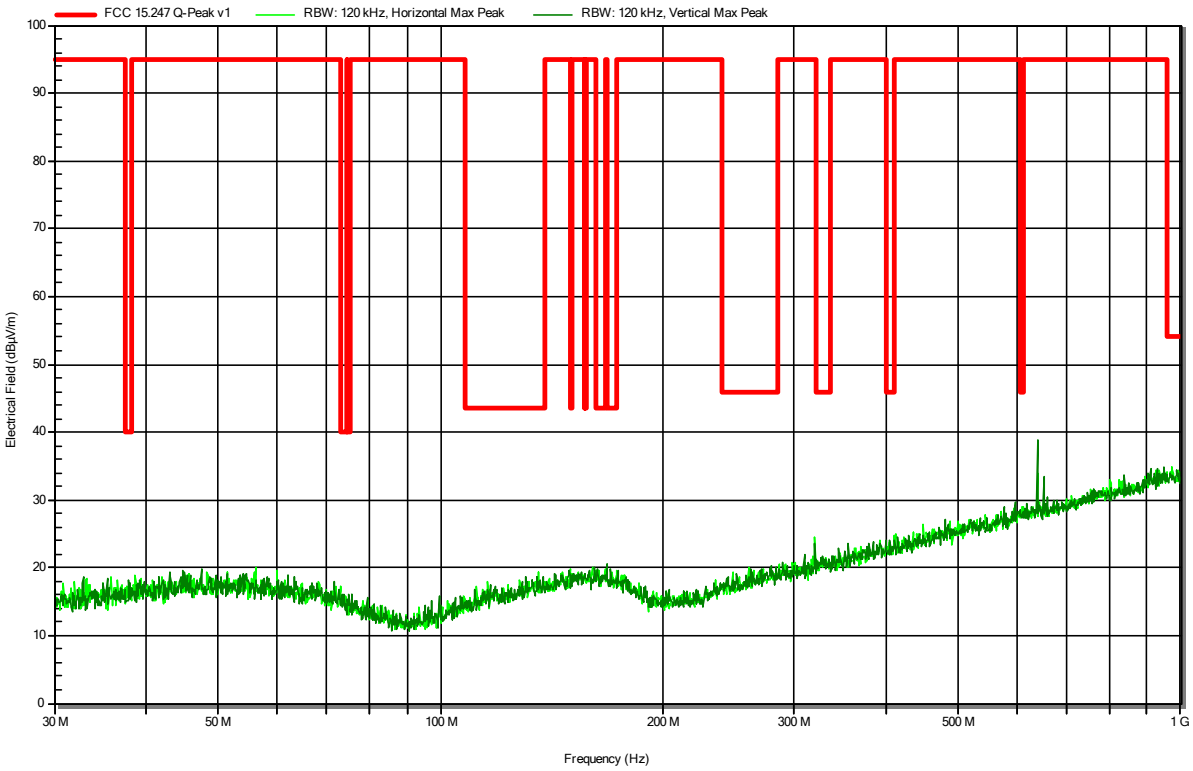

Radiated Spurious Emissions according to 47 CFR Part 15.247

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

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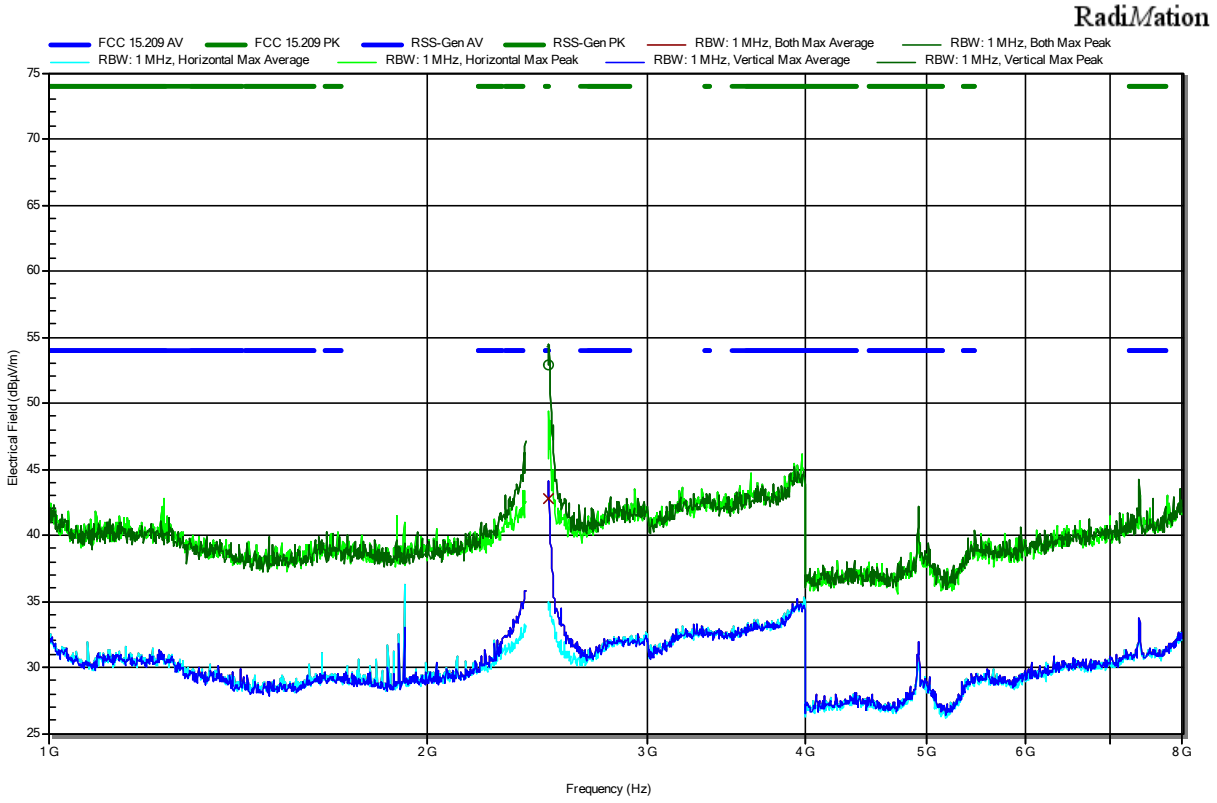

Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.5 GHz	52.89 dBµV/m	74 dBµV/m	-21.11 dB	Pass	Vertical

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

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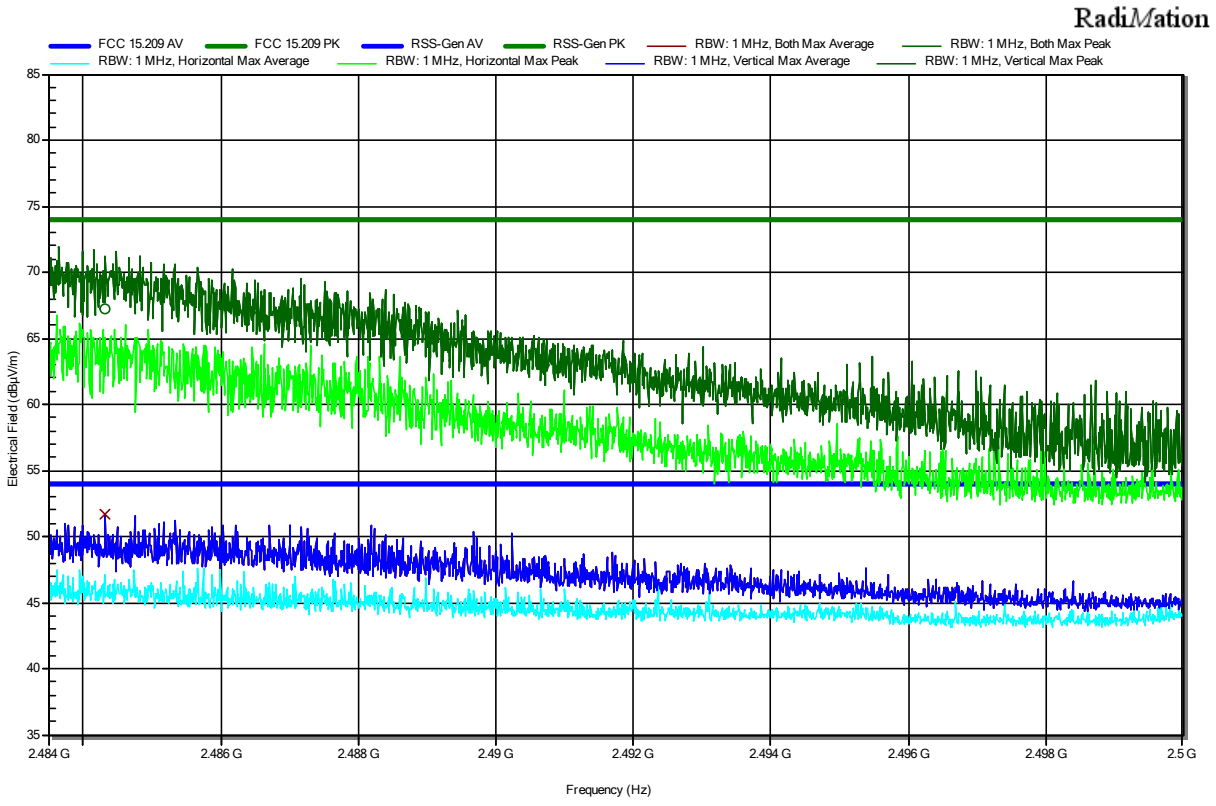
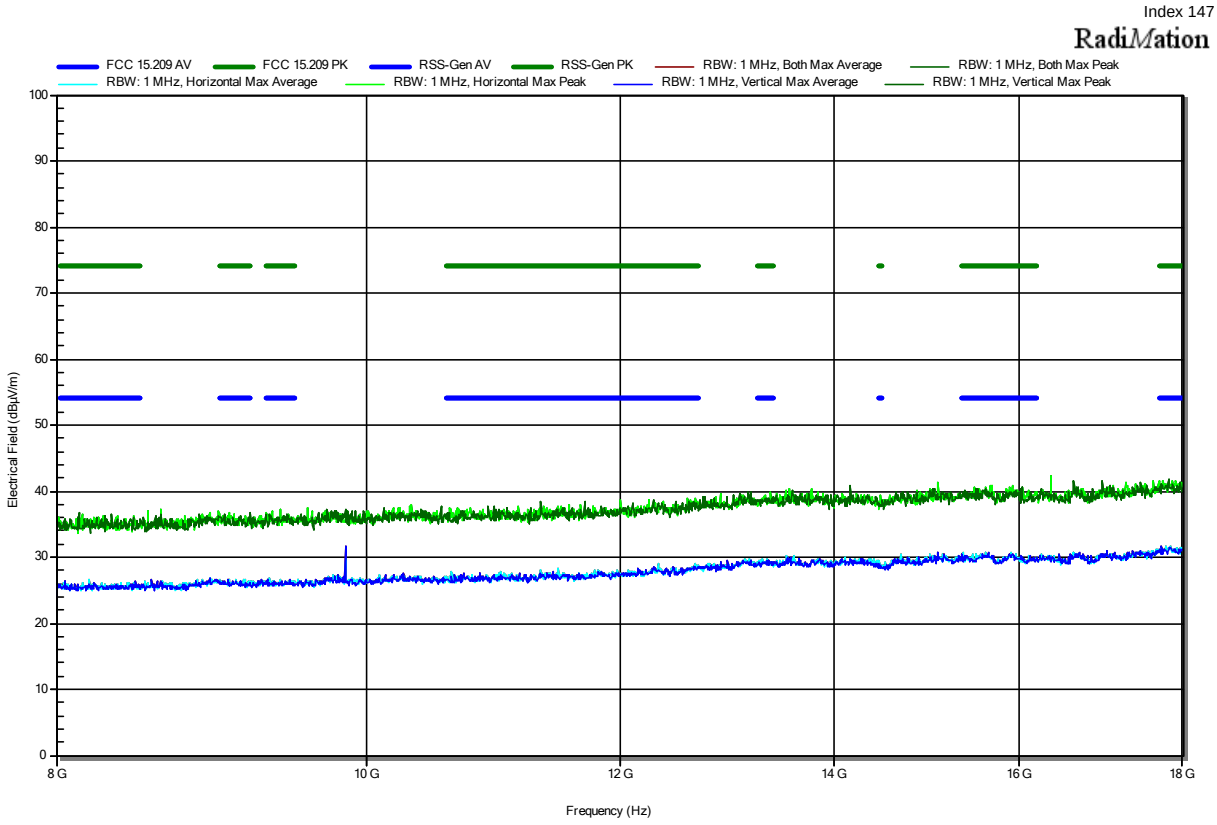


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.4843 GHz	67.23 dBµV/m	74 dBµV/m	-6.77 dB	Pass	Vertical

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

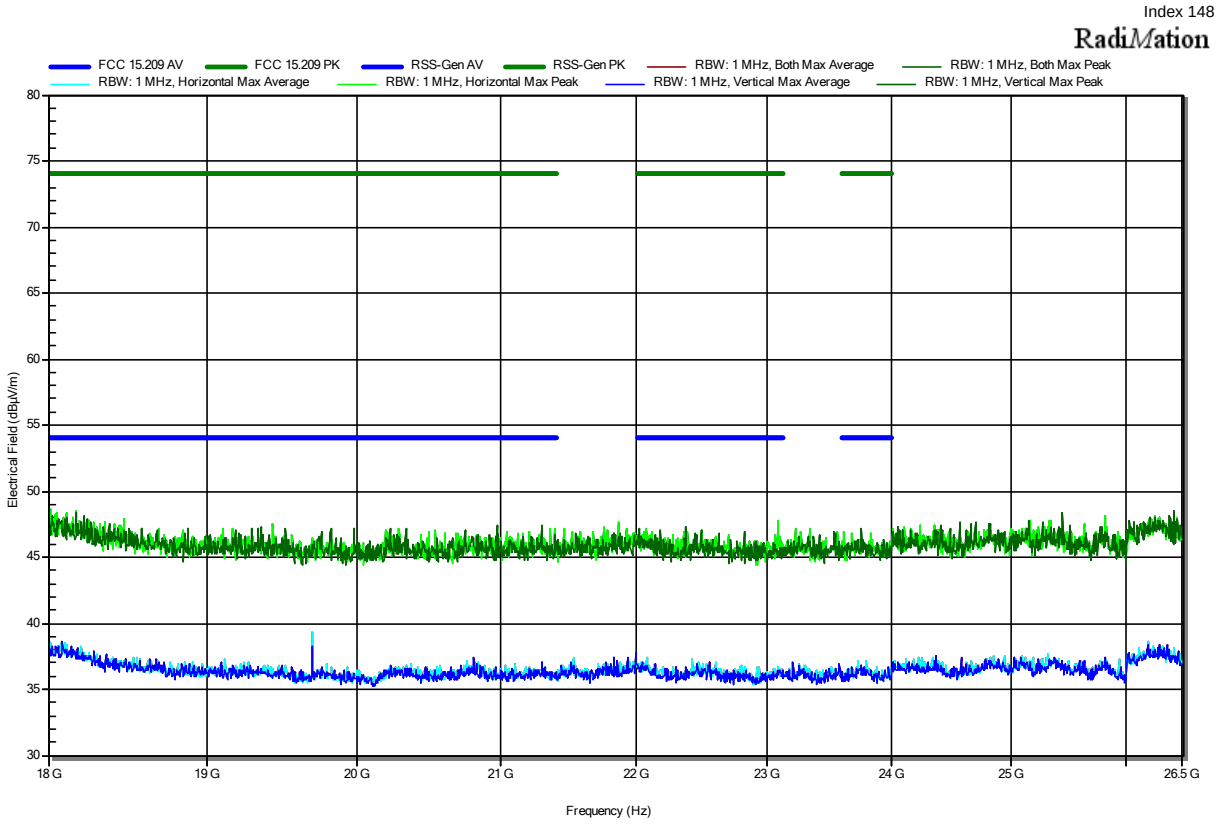
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



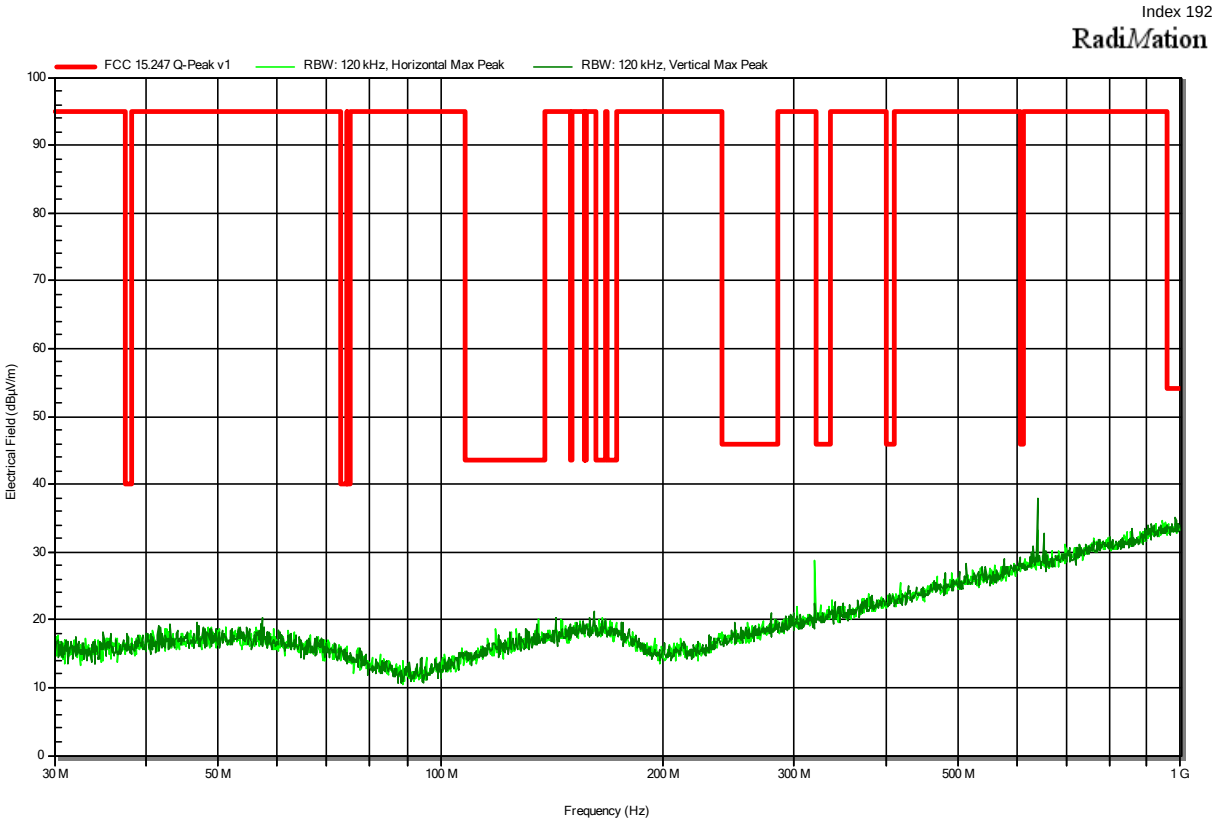
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



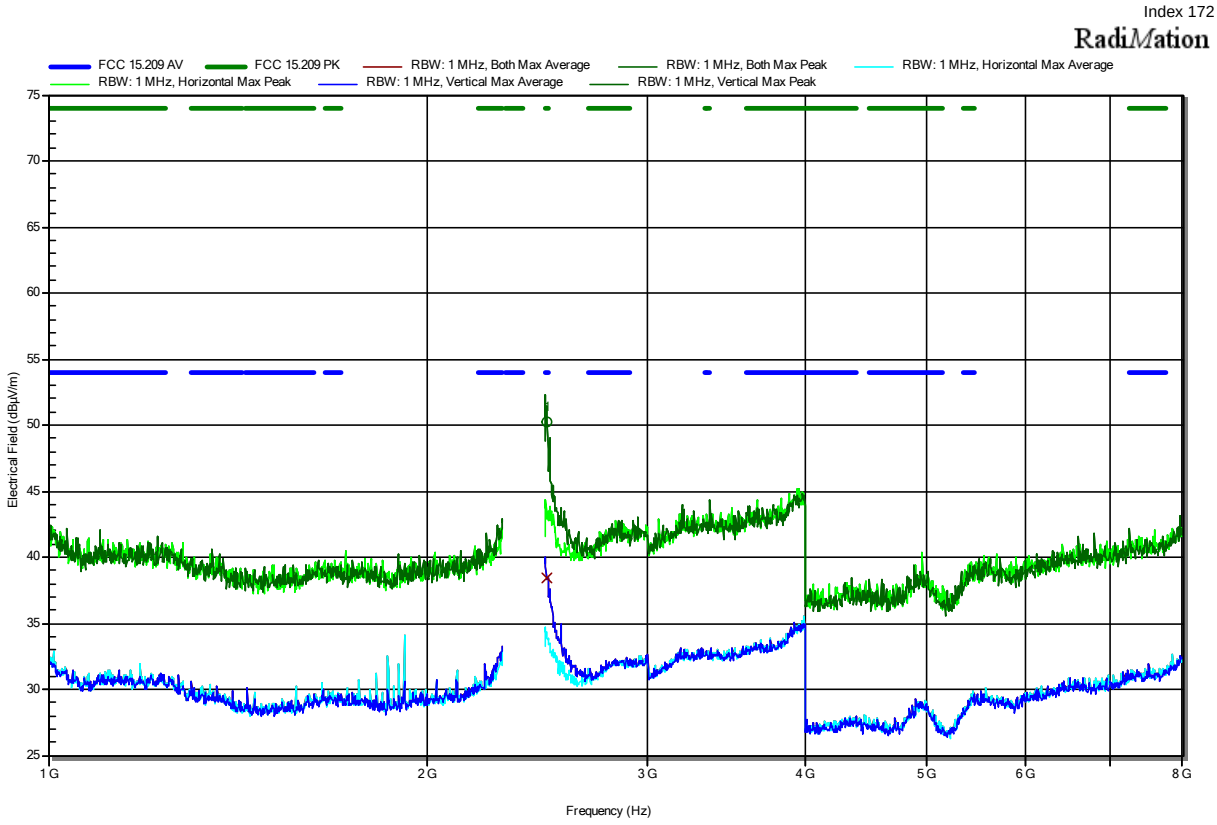
Radiated Spurious Emissions according to 47 CFR Part 15.247

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

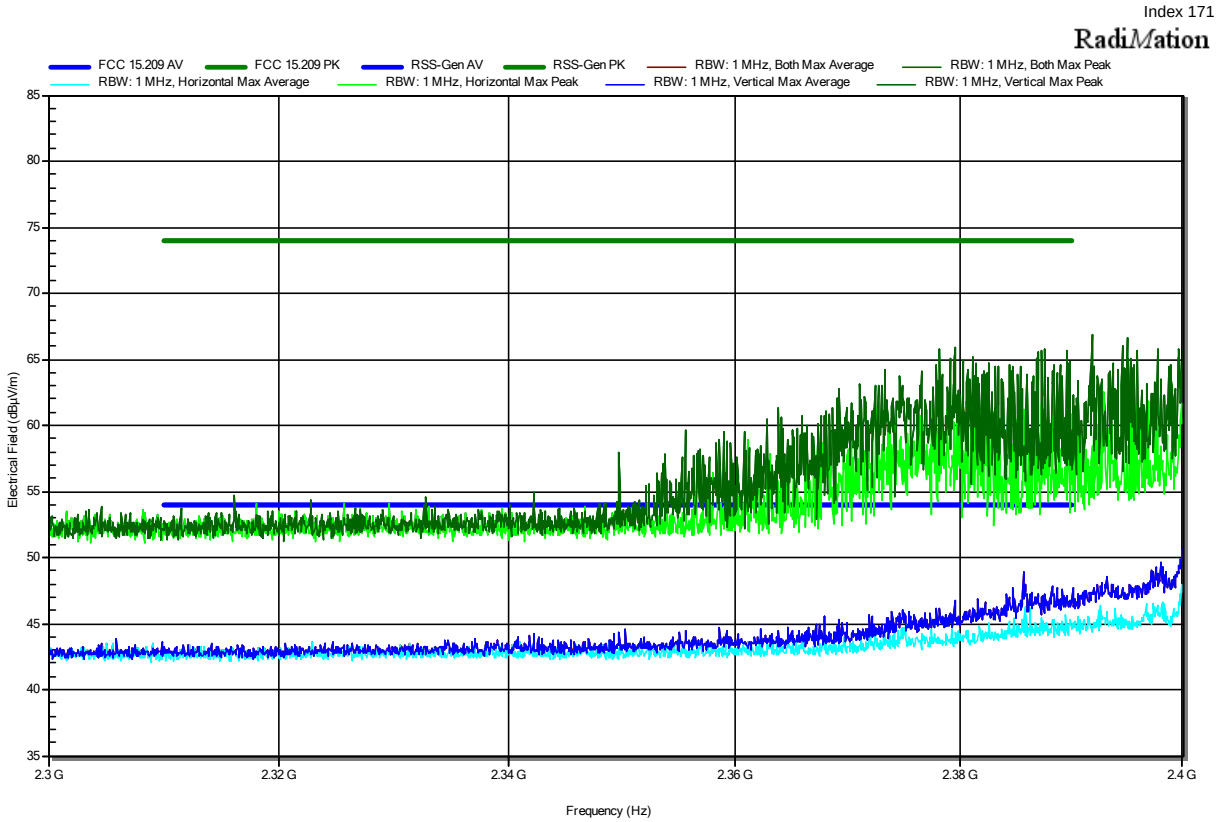


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.4947 GHz	50.26 dBµV/m	74 dBµV/m	-23.74 dB	Pass	Vertical

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

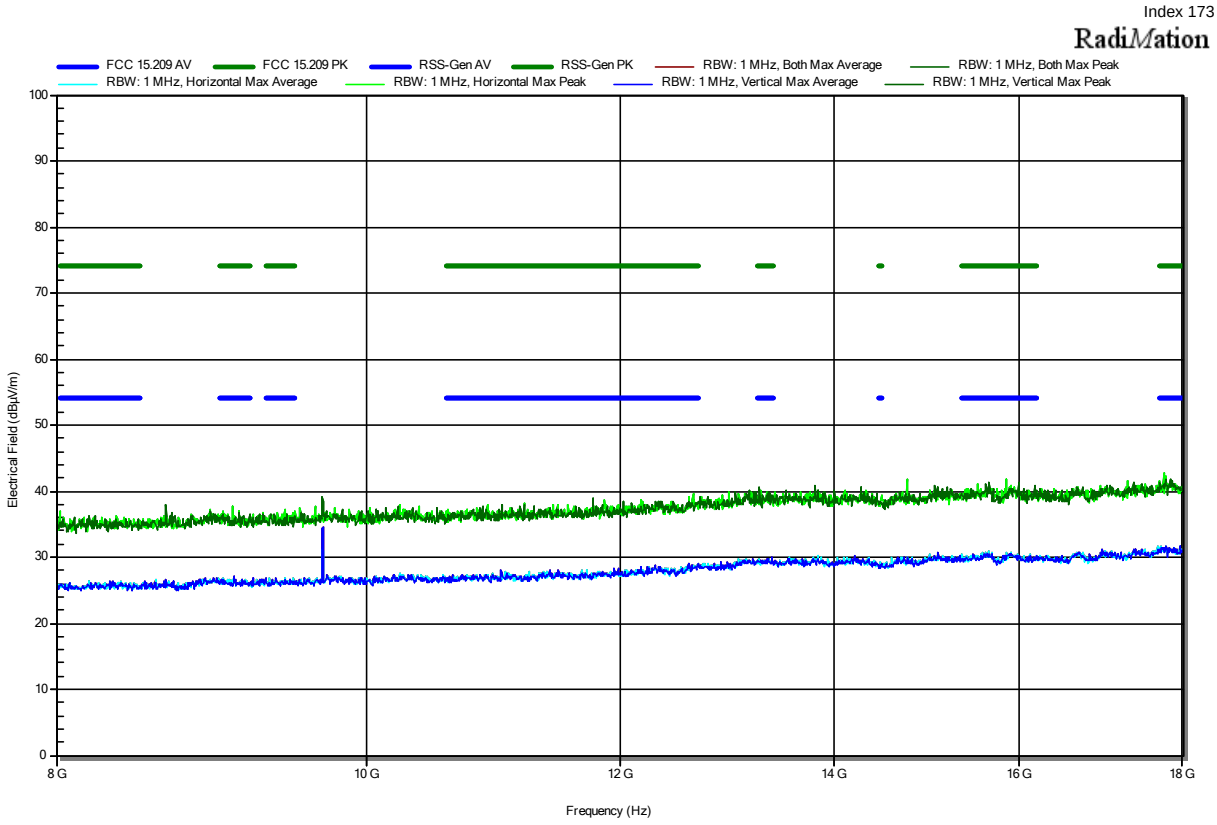
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



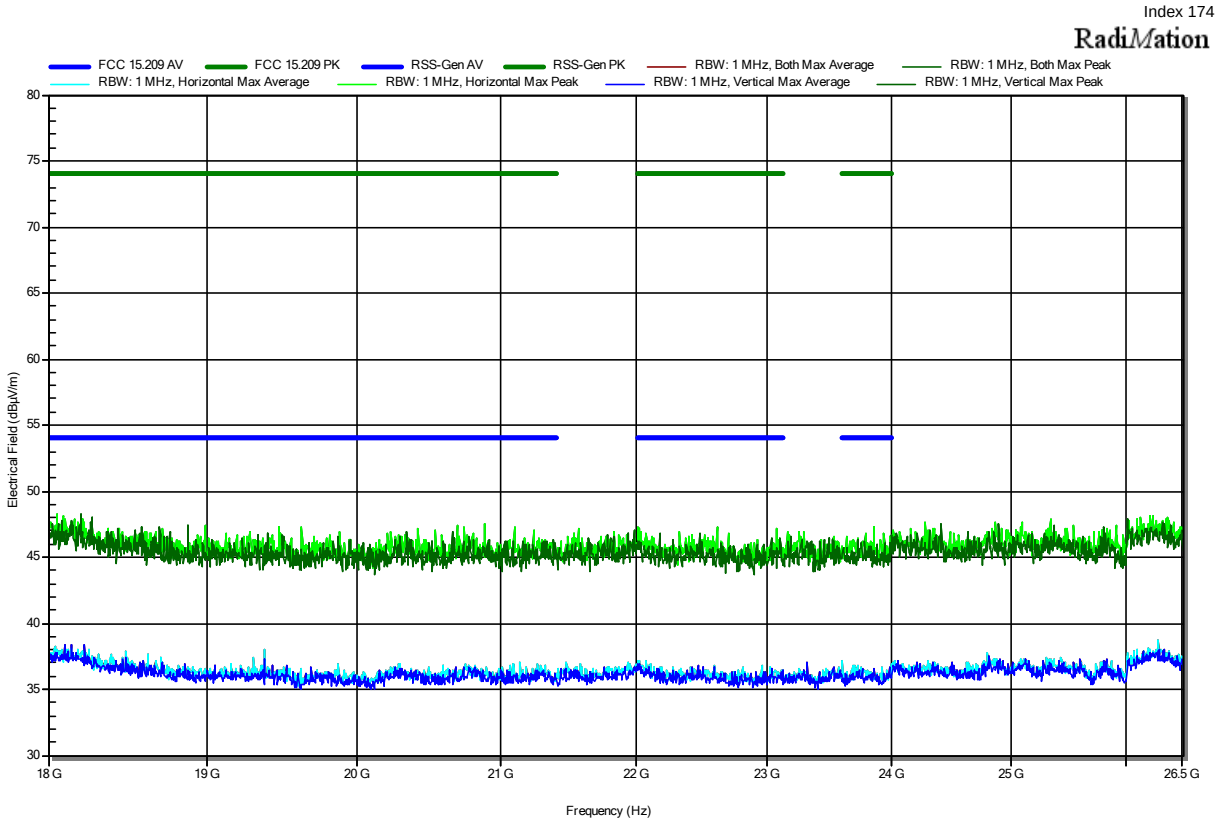
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



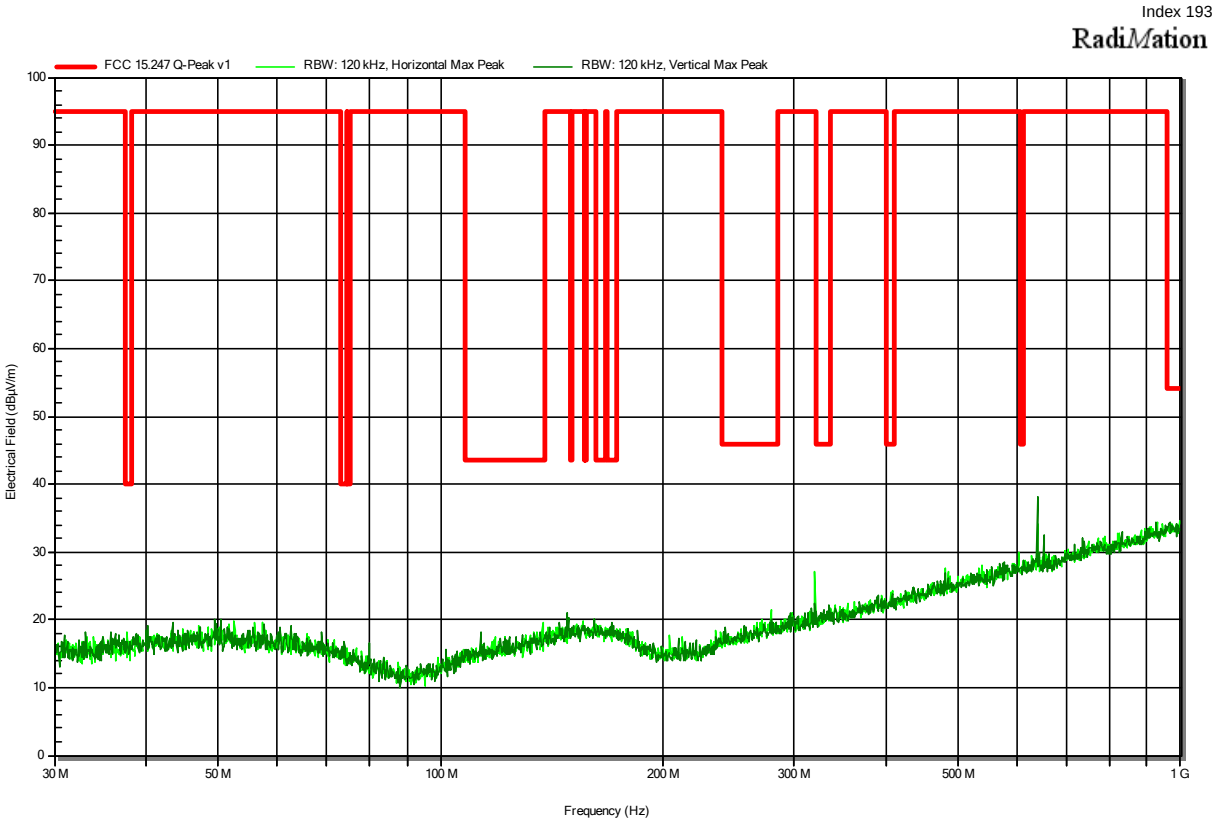
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



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

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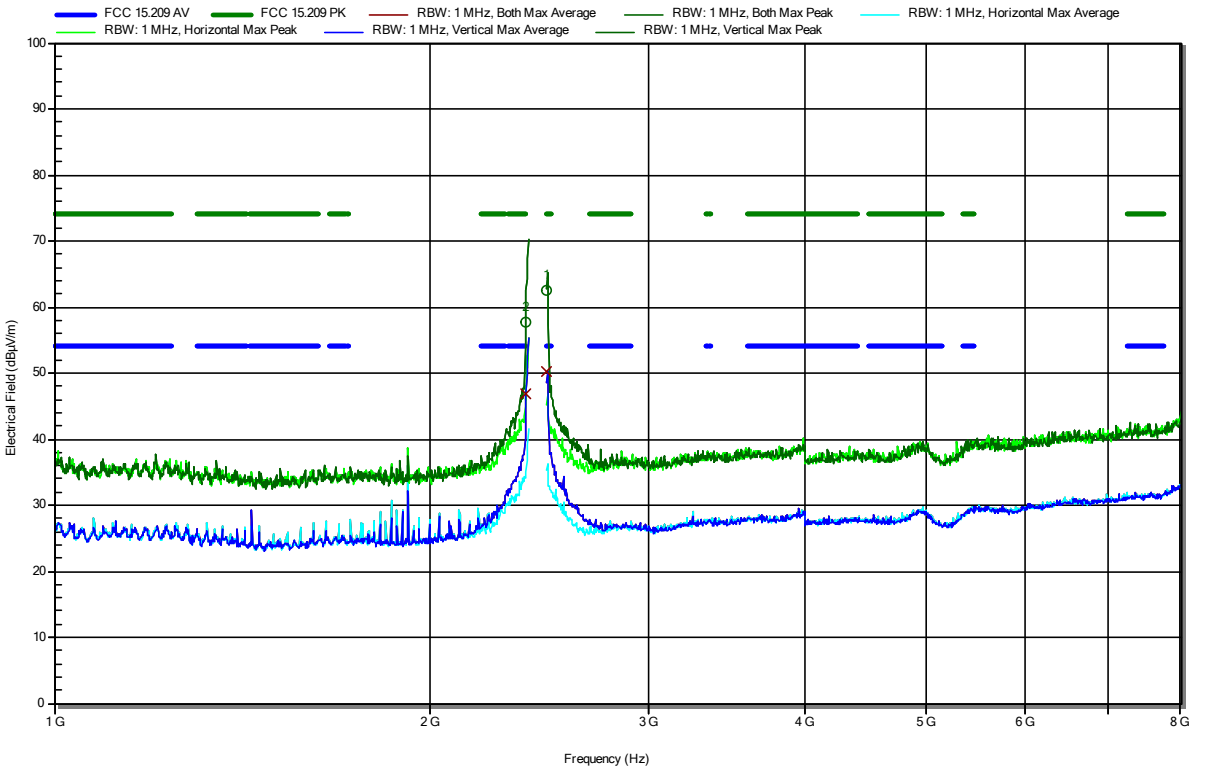
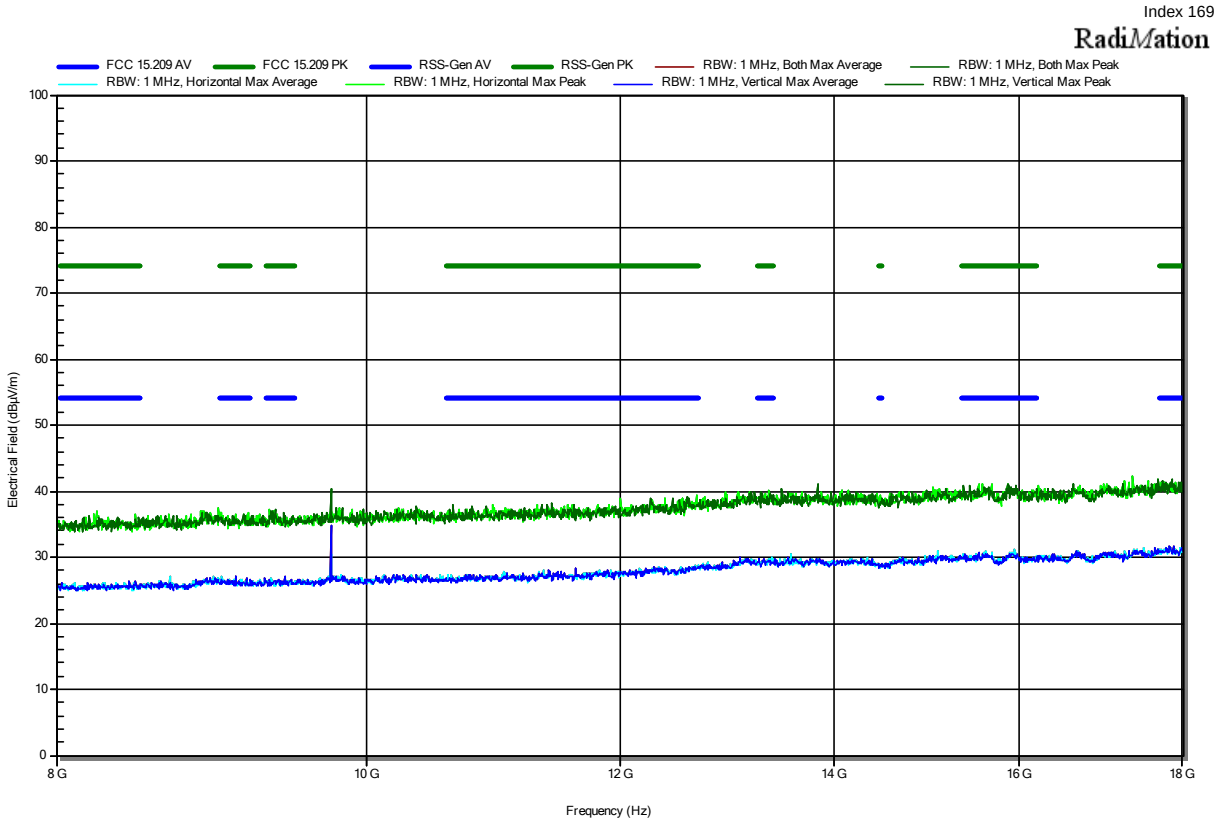


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.3899 GHz	57.66 dBµV/m	74 dBµV/m	-16.34 dB	Pass	Vertical
2.4839 GHz	62.55 dBµV/m	74 dBµV/m	-11.45 dB	Pass	Vertical

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

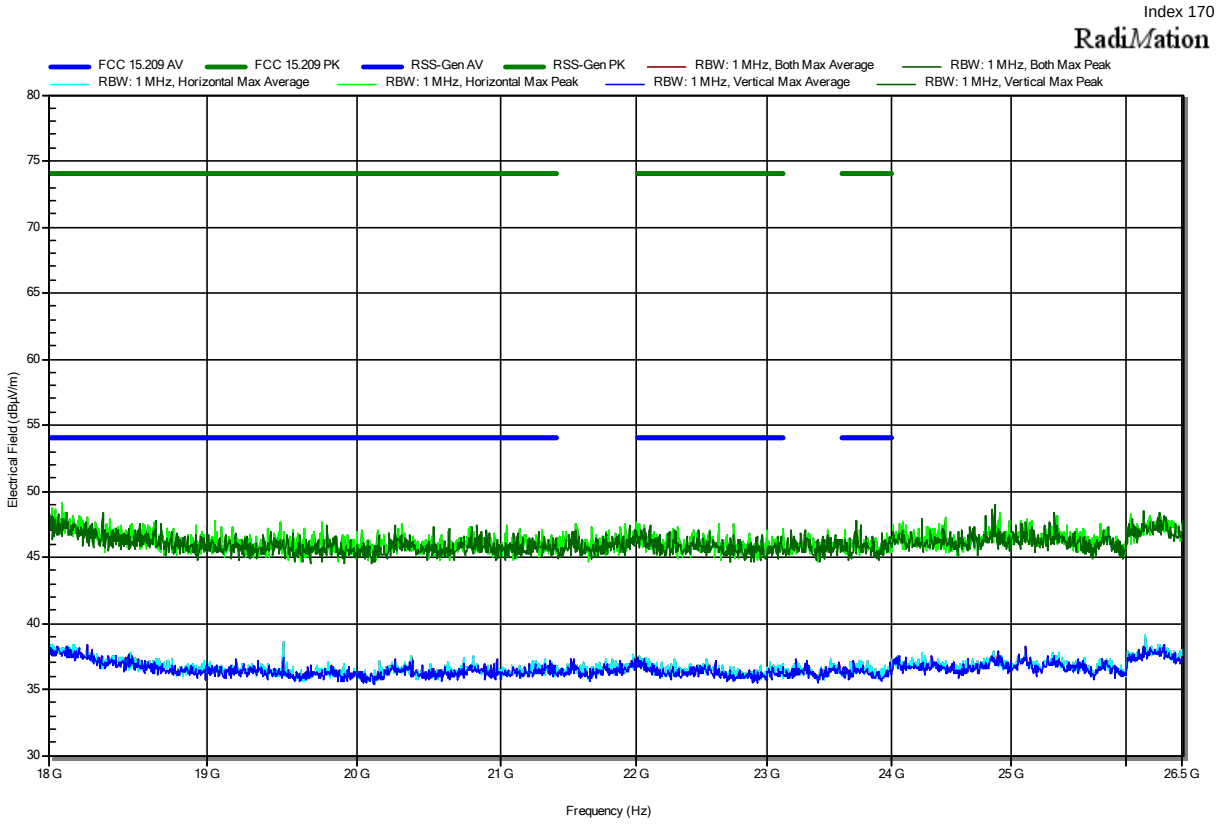
Radiated Spurious Emissions according to 47 CFR Part 15.247

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



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

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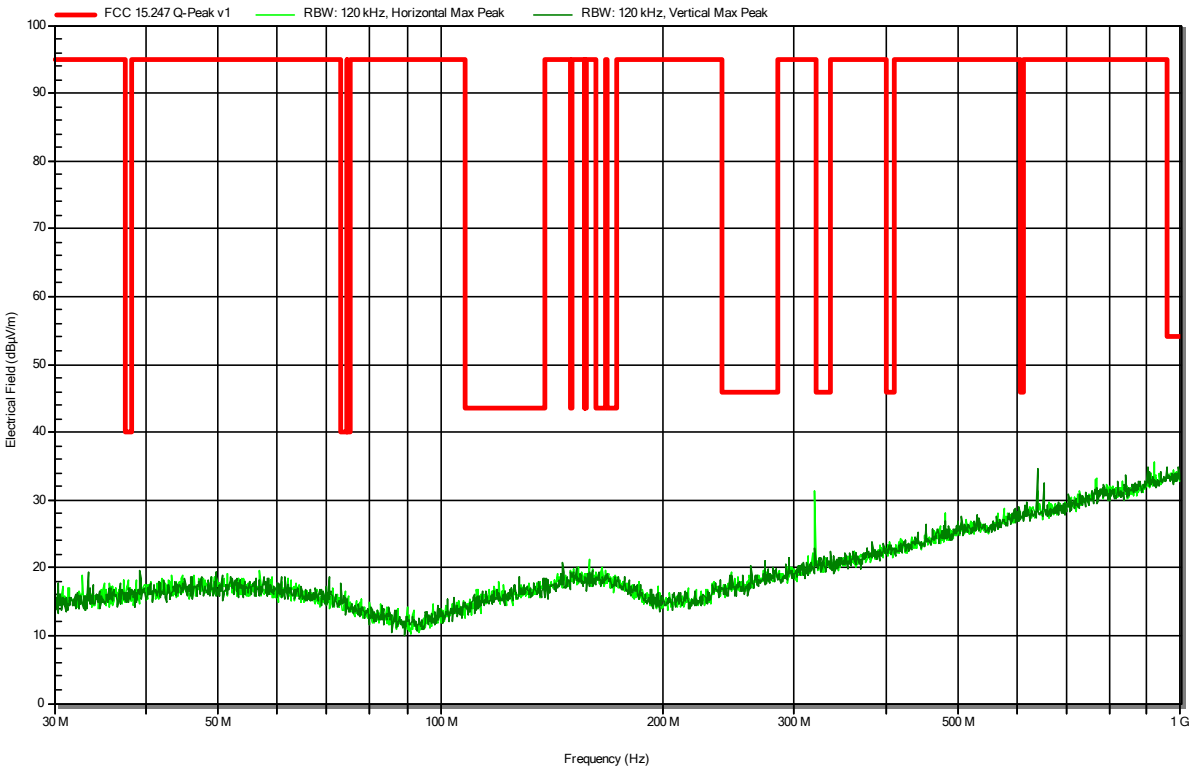
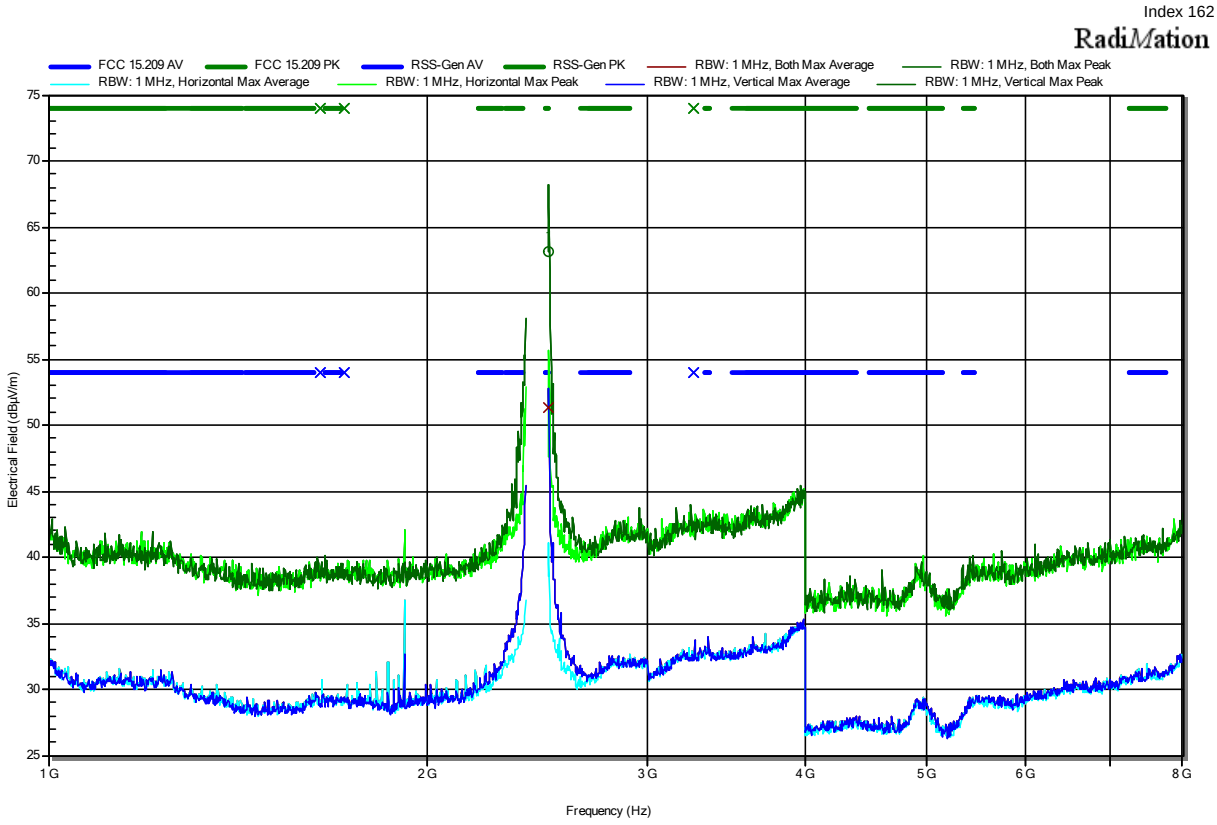


Radiated Spurious Emissions according to 47 CFR Part 15.247

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

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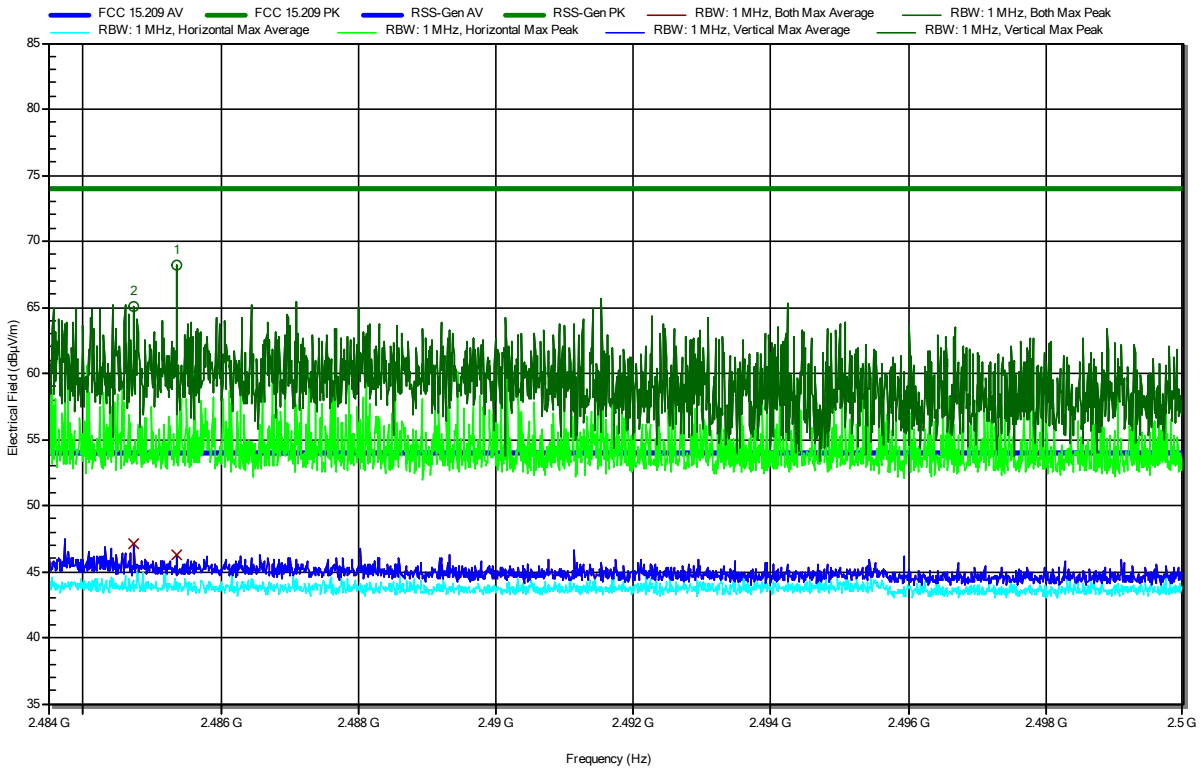
RadiMation

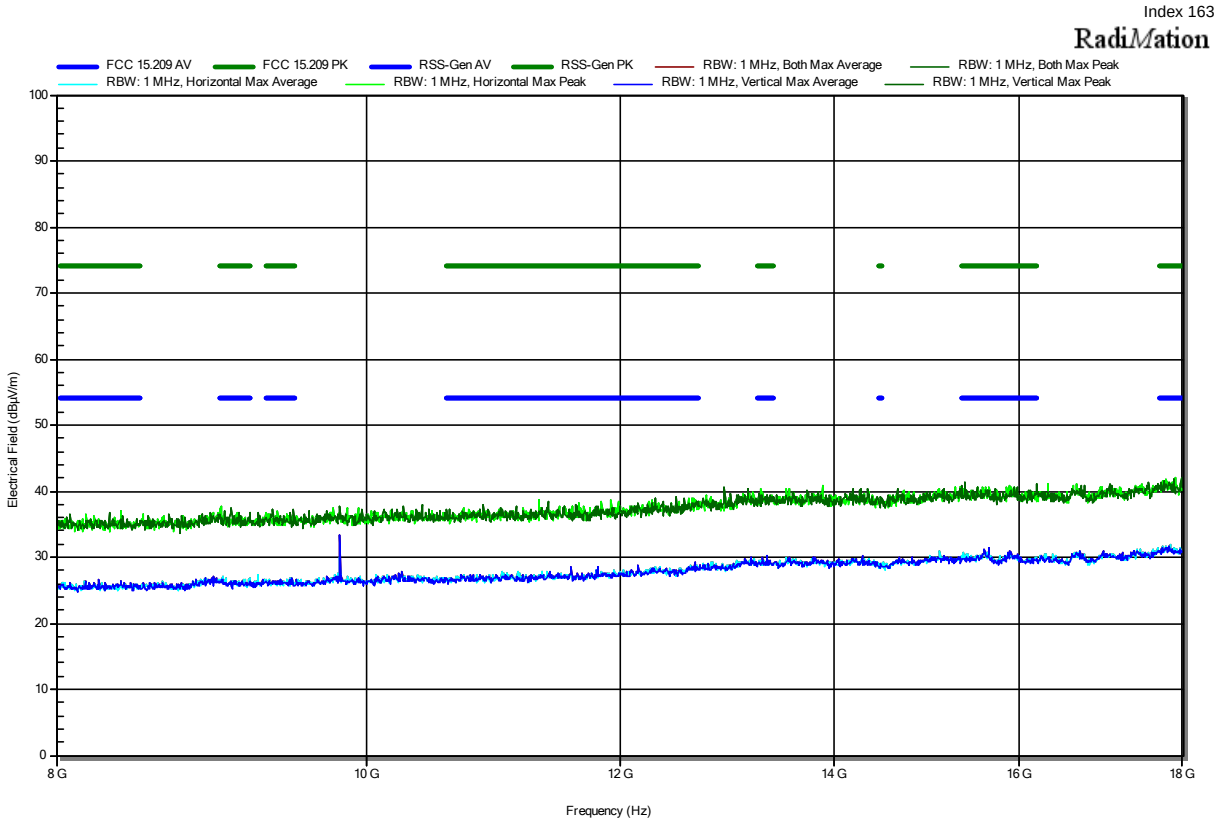


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.4847 GHz	65.07 dBµV/m	74 dBµV/m	-8.93 dB	Pass	Vertical
2.4854 GHz	68.24 dBµV/m	74 dBµV/m	-5.76 dB	Pass	Vertical

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

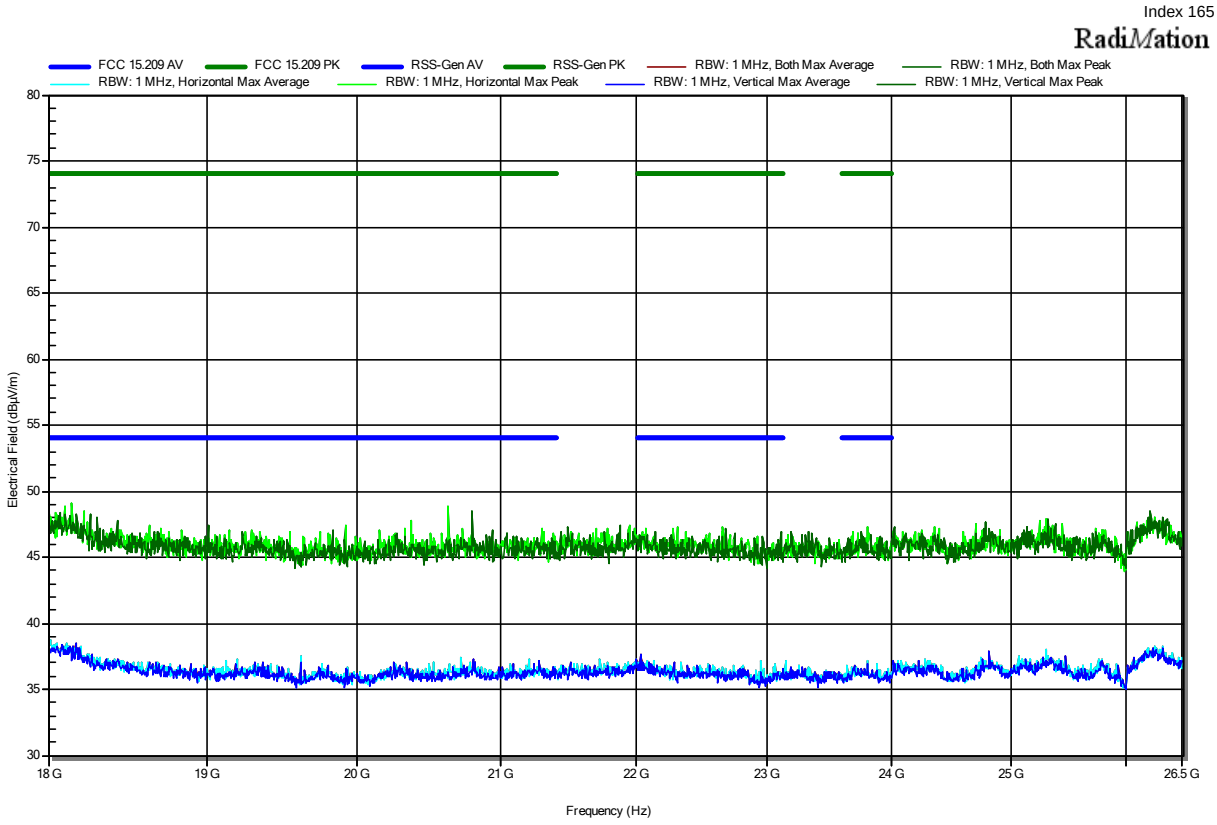
Radiated Spurious Emissions according to 47 CFR Part 15.247

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

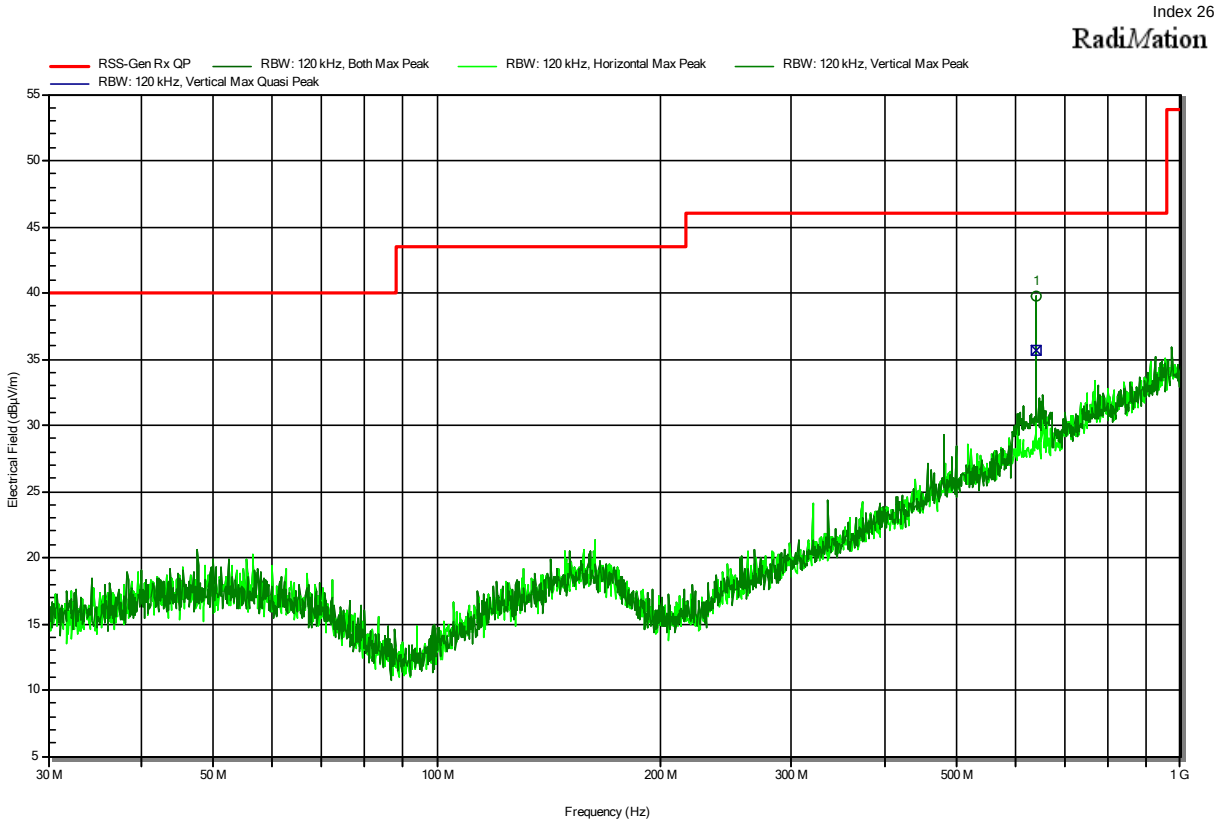
Project Number:	G0M-2302-1881
Applicant:	u-blox Malmö AB
Model Description:	Host-based multiradio module
Model:	MAYA-W271-00B
Test Sample ID:	43094
Test Site:	Eurofins Product Service GmbH
Operator:	Godson Offorji
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 23 °Celsius, 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



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

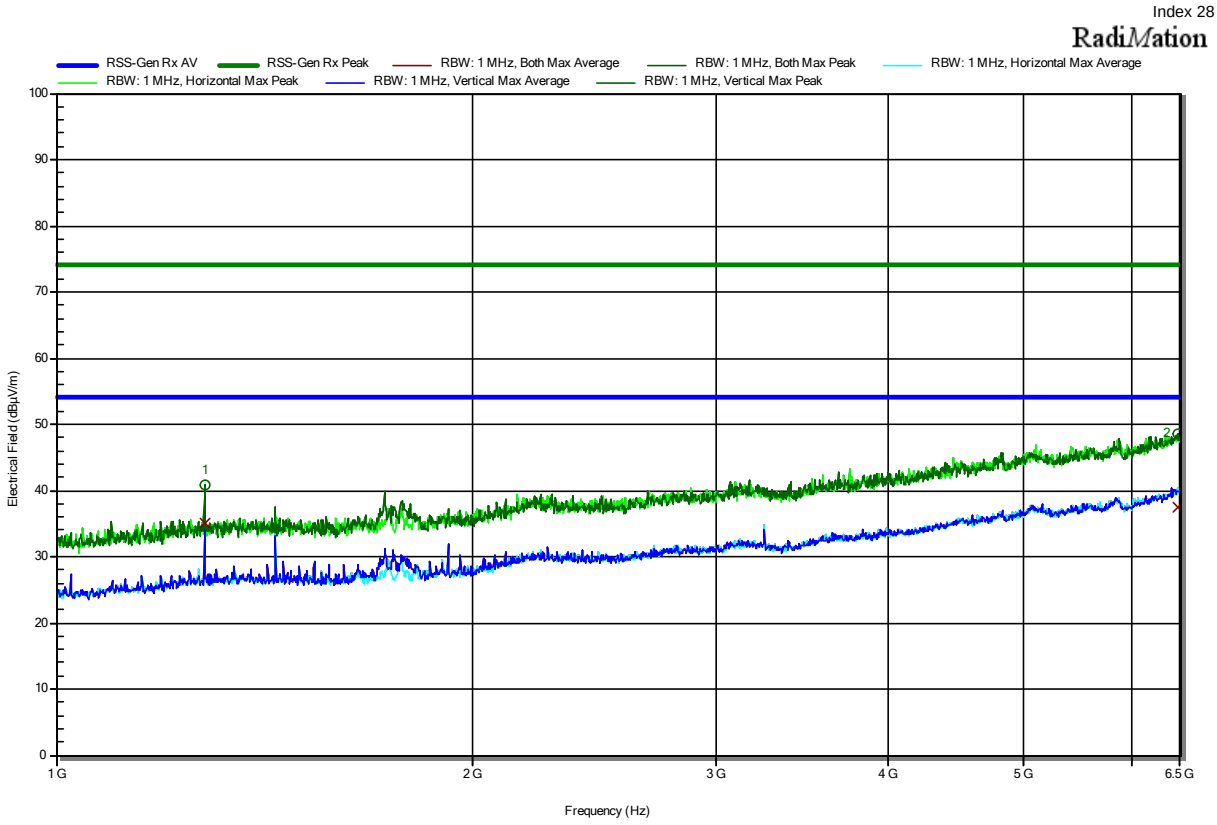


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
639.977 MHz	39.8 dBµV/m	46 dBµV/m	-6.2 dB	Pass	Vertical

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

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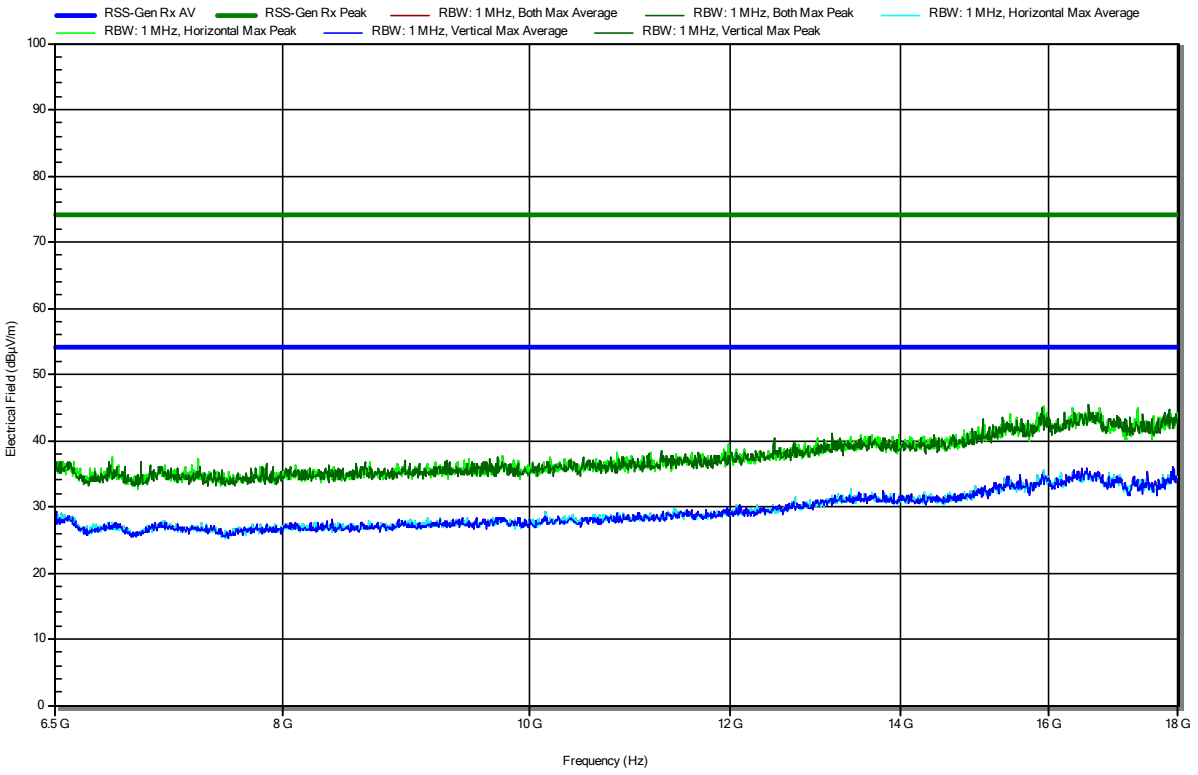
RadiMation



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