

RADIO REPORT FCC 47 CFR Part 15E Unlicensed National Information Infrastructure Devices in the 5 GHz Bands	
Report Reference No	G0M-2302-1881-TFC407WF-W260-V03
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	 DAkkS - Registration number : D-PL-12092-01-04 FCC Filed Test Laboratory, Reg.-No.: 96970
Applicant	u-blox AG
Address	Zürcherstrasse 68 8800 Thalwil Switzerland
Test Specification	47 CFR Part 15E
Non-Standard Test Method	None
Equipment under Test (EUT):	
Product Description	MAYA-W2 host-based multiradio modules
Model(s)	MAYA-W260-00B
Additional Model(s)	None
Brand Name(s)	u-blox
Hardware Version(s)	03
Software Version(s)	1.0.0.39.1-18.80.1.p154.38
FCC ID	XPYMAW2A
Test Result	PASSED

Possible test case verdicts:		
Required by standard but not tested	N/T	
Not required by standard	N/R	
Not applicable to EUT	N/A	
Test object does meet the requirement	P(PASS)	
Test object does not meet the requirement	F(FAIL)	
Testing:		
Test Lab Temperature	20 - 23 °C	
Test Lab Humidity	32 – 38 %	
Date of receipt of test item	2023-02-21	
Report:		
Compiled by	Radwan Jaafar	
Responsible for test (+ signature) (Senior Expert Engineer)	Radwan Jaafar	
Approved by (+ signature) (Test Lab Engineer)	Wilfried Treffke	
Date of Issue	2024-01-10	
Total number of pages	192	
General Remarks:		
The test results presented in this report relate only to the object tested. The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.		
Additional Comments:		
This test report presents results of a spot-check measurements based on worst-case results reported in the reference device MAYA-W271-00B, with hardware version 02 and software version 1.0.0.39.1-18.80.1.p154.38 according KDB 484596 D01 for an additional variant. The full test data of the reference model is presented in the test report G0M-2302-1881-TFC407WF-W271-V03, issued by Eurofins Product Service GmbH on 2023-12-08.		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2023-11-22	Initial Release	--
02	2023-11-29	Replaced document: G0M-2302-1881-TFC407WF-W260-V01 Replaced by: G0M-2302-1881-TFC407WF-W260-V02 Reason: Correction of the model name of the EUT.	R. Jaafar
03	2024-01-10	Replaced document: G0M-2302-1881-TFC407WF-W260-V02 Replaced by: G0M-2302-1881-TFC407WF-W260-V03 Reason: - Correction of the module name in the plots.	R. Jaafar

ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
BPSK	Binary Phase Shift Keying
EIRP	Equivalent Isotropic Radiated Power
EUT	Equipment Under Test
FCC	Federal Communications Commission
HT	High Throughput
IEEE 802.11	MAC and PHY Layer for WiFi
OFDM	Orthogonal Frequency Division Multiplexing
QAM	Quadrature Amplitude Modulation
QPSK	Quadrature Phase Shift Keying
RBW	Resolution bandwidth
RMS	Root mean square
TPC	Transmit Power Control
VBW	Video bandwidth
VHT	Very High Throughput

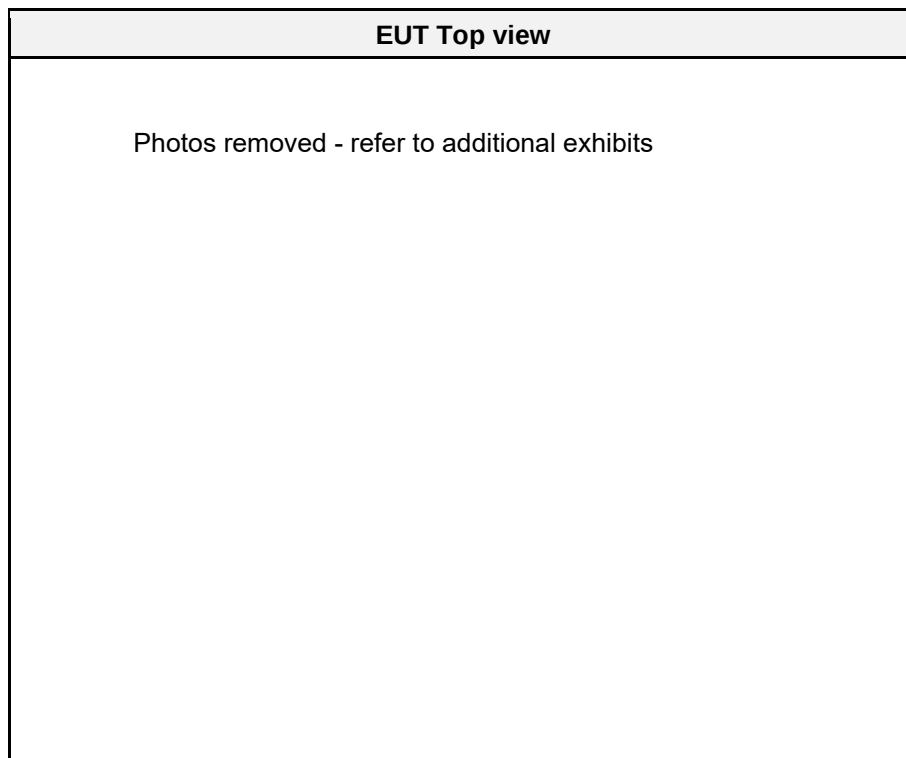
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1 Equipment (Test Item) Under Test

Description	MAYA-W2 host-based multiradio modules		
Model	MAYA-W260-00B		
Additional Model(s)	None		
Brand Name(s)	u-blox		
Sample Identification	EUT	Sample-ID	Serial Number
	Radiated with external antenna	45122	AM320BA3648370C0600
Hardware Version(s)	03		
Software Version(s)	1.0.0.39.1-18.80.1.p154.38		
FCC-ID	XPYMAYAW2A		
Equipment type	Radio Module		
Device type	Access point, Client		
Radio type	Transceiver		
Assigned frequency bands	5150 - 5250 MHz 5250 - 5350 MHz 5470 - 5725 MHz 5725 - 5850 MHz		
Radio technology	IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11n (HT40) IEEE 802.11ac (VHT20) IEEE 802.11ac (VHT40) IEEE 802.11ac (VHT80) IEEE 802.11ax (VHT80)		
Modulation	BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM		
Number of antenna ports	1		
Transmit power control	Yes		
Antenna	Type	External	
	Model	ANT-DB1-RAF-SMA	
	Manufacturer	Linx Technologies	
	Gain	5.1 dBi (U-NII-1, U-NII-2A, U-NII-2C, U-NII-3) (customer declaration)	
Supply Voltage (1st port)	V _{NOM}	3.3 VDC	
Supply Voltage (2nd port)	V _{NOM}	1.8 VDC	
Operating Temperature	T _{NOM}	20 °C	
AC/DC-Adaptor	Model	None	
Manufacturer	u-blox AG Zürcherstrasse 68 8800 Thalwil SWITZERLAND		

1.1 Photos – Equipment External



EUT Front overview with external antennas

Photos removed - refer to additional exhibits

EUT Back overview with external antennas

Photos removed - refer to additional exhibits

External antenna

Photos removed - refer to additional exhibits

External antenna cable

Photos removed - refer to additional exhibits

Evaluation board top view

Photos removed - refer to additional exhibits

Evaluation board bottom view

Photos removed - refer to additional exhibits

Data cable

Photos removed - refer to additional exhibits

USB C cable

Photos removed - refer to additional exhibits

Evaluation board side view

Photos removed - refer to additional exhibits

SPI Cable

Photos removed - refer to additional exhibits

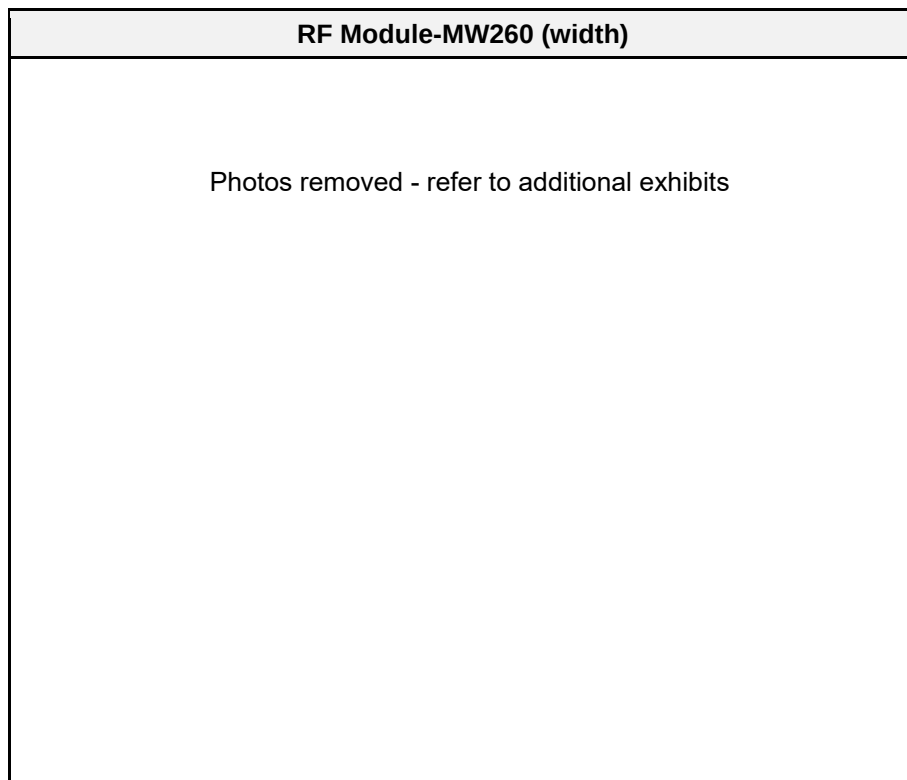
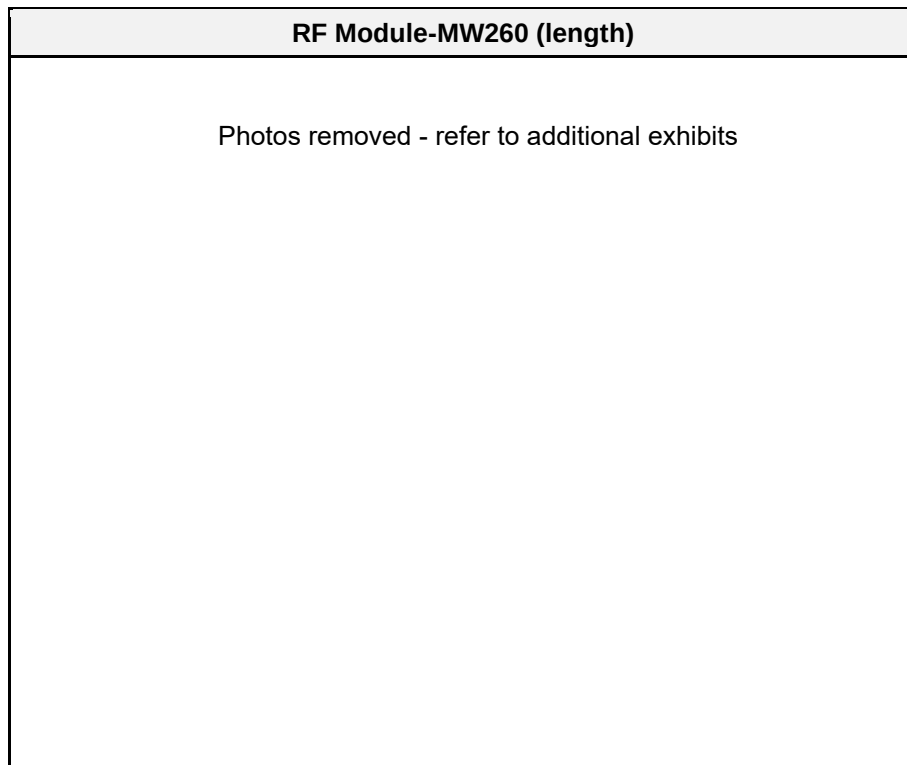
Power adapter

Photos removed - refer to additional exhibits

Cable to connect EUT to external power supply

Photos removed - refer to additional exhibits

1.2 Photos – Equipment Internal



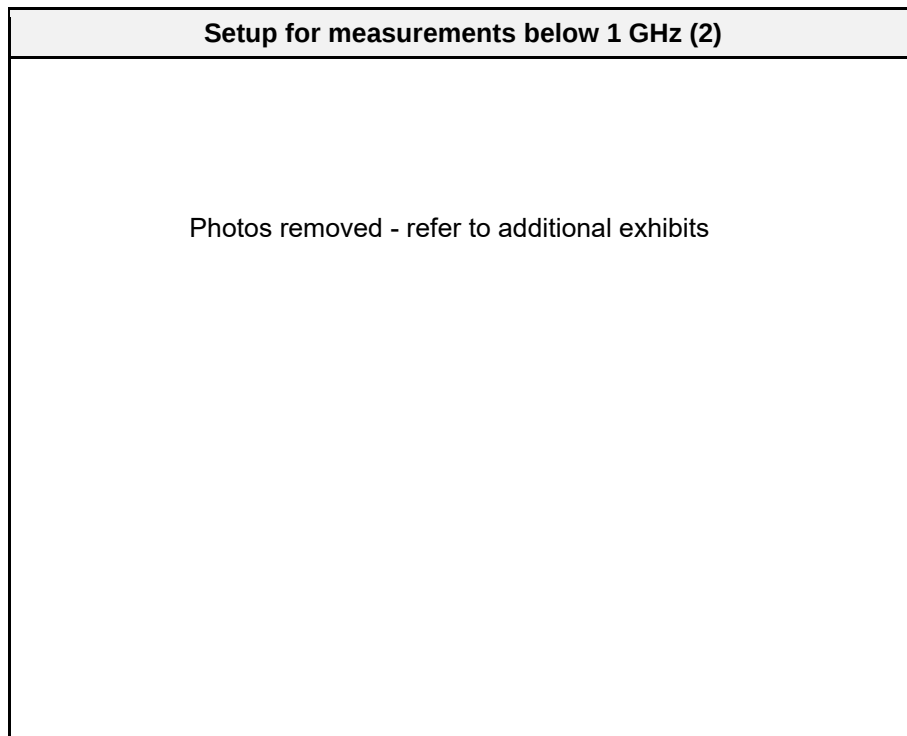
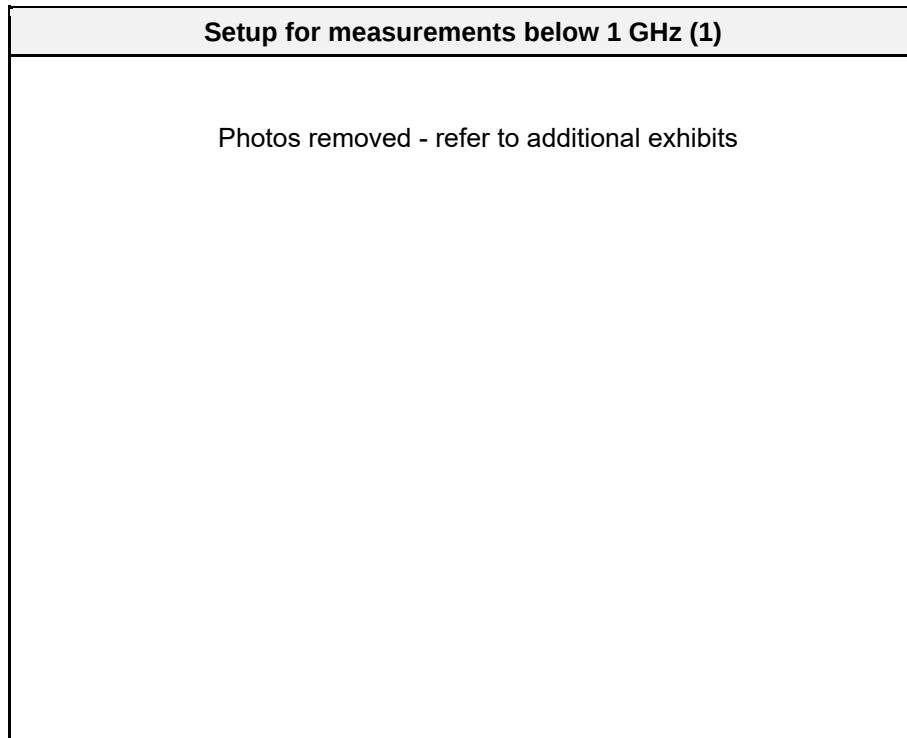
RF Module-MW260 unshielded (length)

Photos removed - refer to additional exhibits

RF Module-MW260 unshielded (width)

Photos removed - refer to additional exhibits

1.3 Photos – Test Setup



EUT Test Setup

Photos removed - refer to additional exhibits

Setup for measurements above 1 GHz (1)

Photos removed - refer to additional exhibits

EUT Test Setup above 1 GHz

Photos removed - refer to additional exhibits

Setup for measurements above 1 GHz

Photos removed - refer to additional exhibits

1.4 Support Equipment

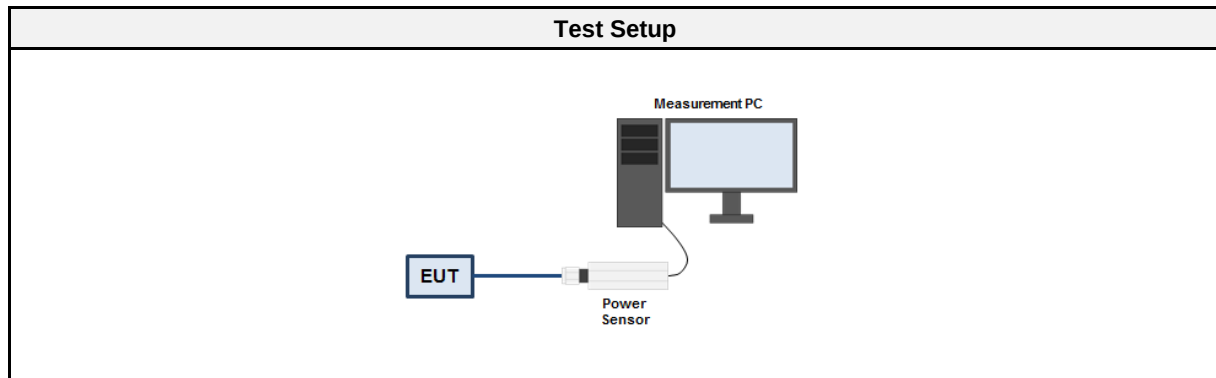
Product Type	Device	Manufacturer	Model	Comment
AE	Notebook	Dell	Latitude E7250	For configuring test modes
AE	Evaluation Board	u-blox		
CBL	USB-C	---	---	Connection between evaluation board and EUT
CBL	Data cable	---	---	
CBL	SBI cable			
CBL	Ethernet	---	---	Connection between evaluation board and notebook
AE	AC/DC Adapter	EDACPOWER ELECT.	EA1045CR	To power the evaluation board
SFT	Terminal	Debian / Linux	---	For test mode activation
Description:				
AE	Auxiliary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
SFT	Software			
Comment:				

1.5 Test mode data rate evaluation

1.5.1 Information

Test Information	
Measurement Method	KDB 789033 E

1.5.2 Setup



1.5.3 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Power Sensor	ETS-Lindgren	7002-006	EF00934	2023-08	2024-08

1.5.4 Procedure

Test Procedure
1. EUT set to test mode on the first supported channel for each modulation and data rate 2. The conducted power is measured with a wide band power sensor 3. The power is measured for all data rates/modulations supported by the EUT 4. The data rate with the highest output power for each technology is selected for test mode

Comment: The EUT is set to the power level 19.

1.5.5 Results

U-NII-1

OFDM - 5180 MHz							
Output power [dBm]							
6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps
18.6	18.5	18.6	18.5	18.5	18.5	18.6	18.6

HT20 - 5180 MHz							
Output power [dBm]							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
18.5	18.5	18.5	18.5	18.4	18.5	18.5	18.5

HT40 - 5190 MHz							
Output power [dBm]							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
18.5	18.5	18.5	18.4	18.5	18.4	18.4	18.5

VHT20 - 5180 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.6	18.5	18.6	18.6	18.6	18.5	18.5	18.6	18.5	—

VHT40 - 5190 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.5	18.4	18.5	18.4	18.5	18.5	18.4	18.5	18.4	—

VHT80 - 5210 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.5	18.4	18.5	18.5	18.5	18.4	18.4	18.5	18.5	—

U-NII-2A

OFDM - 5300 MHz							
Output power [dBm]							
6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps
18.2	18.1	18.1	18.1	18.1	18.2	18.1	18.2

HT20 - 5300 MHz							
Output power [dBm]							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
18.1	18.1	18	18	18.1	18.1	18.1	18.1

HT40 - 5310 MHz							
Output power [dBm]							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
17.9	17.9	17.8	17.8	17.8	17.8	17.8	17.9

VHT20 - 5300 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.1	18	18.1	18	18.1	18.1	18	18	18.1	no support

VHT40 - 5310 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
17.9	17.8	17.8	17.8	17.8	17.9	17.9	17.8	17.8	-

VHT80 - 5290 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.1	18	18	18.1	18	18.1	18	18	18.1	-

U-NII-2C

OFDM - 5600 MHz							
Output power [dBm]							
6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps
18.1	18.1	18	18.1	18.1	18	18	18.1

HT20 - 5600 MHz							
Output power [dBm]							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
18.1	18	18.1	18.1	18.1	18.1	18	18.1

HT40 - 5590 MHz							
Output power [dBm]							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
18	18	17.9	17.9	17.9	18	18	18

VHT20 - 5590 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.1	18	18	18.1	18.1	18.1	18.1	18	18.1	no support

VHT40 - 5550 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
17.5	17.4	17.4	17.5	17.5	17.4	17.5	17.5	17.4	-

VHT80 - 5530 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
17.5	17.5	17.4	17.4	17.4	17.5	17.4	17.5	17.4	-

U-NII-3

OFDM - 5785 MHz							
Output power [dBm]							
6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps
18.5	18.4	18.5	18.5	18.4	18.5	18.5	18.5

HT20 - 5785 MHz							
Output power [dBm]							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
18.6	18.5	18.5	18.5	18.4	18.5	18.6	18.5

HT40 - 5795 MHz							
Output power [dBm]							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
18.4	18.3	18.2	18.4	18.4	18.4	18.3	18.4

VHT20 - 5785 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.5	18.5	18.5	18.4	18.5	18.5	18.4	18.4	18.5	no support

VHT40 - 5755 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.5	18.4	18.4	18.5	18.4	18.5	18.5	18.4	18.4	-

VHT80 - 5775 MHz									
Output power [dBm]									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
18.6	18.5	18.5	18.5	18.6	18.5	18.5	18.6	18.5	-

1.6 Test mode duty cycle evaluation

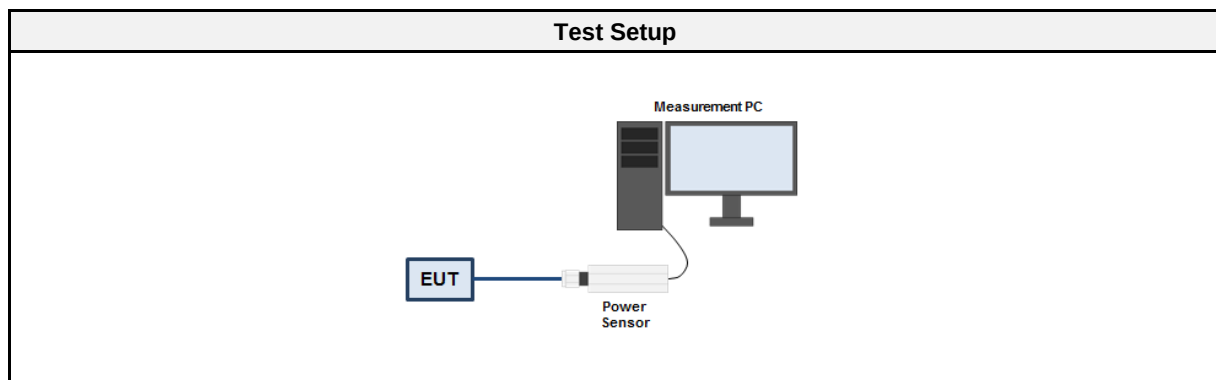
1.6.1 Information

Test Information	
Measurement Method	ANSI C63.10 12.2

1.6.2 Requirements

Requirements	
Duty cycle	Duty cycle correction
$\geq 98 \%$	No correction required
$< 98 \%$	Correction required ($10 \times \log_{10}(1/DC)$)

1.6.3 Setup



1.6.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Power Sensor	ETS-Lindgren	7002-006	EF00934	2023-08	2024-08

1.6.5 Procedure

Test Procedure
1. EUT set to test mode 2. Sweep time is set long enough to capture at least 5 bursts 3. The maximum burst duration T_{ON} is measured 4. The minimum idle duration T_{OFF} is measured 5. The duty cycle is calculated by $DC = T_{ON} / (T_{ON} + T_{OFF})$ 6. The duty cycle correction is calculated by $DC = -10 \times \log_{10}(T_{ON} / (T_{ON} + T_{OFF}))$

1.6.6 Results

OFDM							
Duty cycle %							
6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps
99.2	98.9	98.7	98	97.4	96.3	95.2	94.7

HT20							
Duty cycle %							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
99.1	99.1	99.1	99	99.1	99.3	98.87	98

HT40							
Duty cycle %							
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7
99.2	99	98.8	98.5	97.6	97.1	96.5	95.5

VHT20									
Duty cycle %									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
99.7	99.4	99.2	99	98.7	98.5	98.3	98.1	98	no support

VHT40									
Duty cycle %									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
99.4	98.5	97	96.4	95.1	94.3	93.7	92.1	91	no support

VHT80									
Duty cycle %									
MCS 0	MCS 1	MCS 2	MCS 3	MCS 4	MCS 5	MCS 6	MCS 7	MCS 8	MCS 9
99	98.7	97.5	96.6	95.1	94.4	93.4	92.1	91	no support

Duty Cycle Results				
Mode	Channel	Data rate	Duty Cycle	Correction Factor [dB]
OFDM	5180	6 Mbps	0.992	0
HT20	5180	MCS 0	0.991	0
HT40	5190	MCS 0	0.992	0
VHT20	5180	MCS 0	0.997	0
VHT40	5190	MCS 0	0.994	0
VHT80	5210	MCS 0	0.99	0

1.7 Test Modes

Mode	Description
OFDM (IEEE 802.11a)	Mode = Transmit Bandwidth = 20 MHz Duty cycle = 99.2% Data rate = 6 Mbps Packet length = 2000 Burst SIFS = 20 µs
HT20 (IEEE 802.11n)	Mode = Transmit Bandwidth = 20 MHz Duty cycle = 99.1% Data rate = 6.5 Mbps (MCS 0) Packet length = 2000 Burst SIFS = 20 µs
HT40 (IEEE 802.11n)	Mode = Transmit Bandwidth = 40 MHz Duty cycle = 99.2% Data rate = 13.5 Mbps (MCS 0) Packet length = 2000 Burst SIFS = 20 µs
VHT20 (IEEE 802.11ac)	Mode = Transmit Bandwidth = 20 MHz Duty cycle = 99.7% Data rate = 6.5 Mbps (MCS 0) Packet length = 2000 Burst SIFS = 20 µs
VHT40 (IEEE 802.11ac)	Mode = Transmit Bandwidth = 40 MHz Duty cycle = 99.4% Data rate = 13.5 Mbps (MCS 0) Packet length = 2000 Burst SIFS = 20 µs
VHT80 (IEEE 802.11ac)	Mode = Transmit Bandwidth = 80 MHz Duty cycle = 96.6% Data rate = 29.3 Mbps (MCS 0) Packet length = 2000 Burst SIFS = 20 µs
HE20 (IEEE 802.11ax)	Mode = Transmit Bandwidth = 20 MHz Duty cycle = 99.2% Data rate = 13.5 Mbps (MCS 0) Packet length = 2000 Burst SIFS = 20 µs
HE40 (IEEE 802.11ax)	Mode = Transmit Bandwidth = 40 MHz Duty cycle = 99.2% Data rate = 13.5 Mbps (MCS 0) Packet length = 2000 Burst SIFS = 20 µs
HE 80 (IEEE 802.11ax)	Mode = Transmit Bandwidth = 80 MHz Duty cycle = 99.2% Data rate = 13.5 Mbps (MCS 0) Packet length = 2000 Burst SIFS = 20 µs
Note: The power setting in table (1.9 Power setting) applies for the respective test mode and frequency.	
Comment: The above settings were found as worst case by evaluation of the output power.	

1.8 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx / Rx	36	5180
F2	Tx / Rx	40	5200
F3	Tx / Rx	48	5240
F4	Tx / Rx	38=36+40	5190
F5	Tx / Rx	46=44+48	5230
F6	Tx / Rx	42=36+40+44+48	5210
F0	Tx / Rx	52	5260
F7	Tx / Rx	60	5300
F9	Tx / Rx	64	5320
F10	Tx / Rx	54=52+56	5270
F11	Tx / Rx	62=60+64	5310
F12	Tx / Rx	58=52+56+60+64	5290
F13	Tx / Rx	100	5500
F14	Tx / Rx	116	5580
F15	Tx / Rx	120	5600
F16	Tx / Rx	140	5700
F17	Tx / Rx	144	5720
F18	Tx / Rx	102=100+104	5510
F19	Tx / Rx	118=116+120	5590
F20	Tx / Rx	142=140+144	5710
F21	Tx / Rx	106=100+104+108+112	5530
F22	Tx / Rx	122=116+120+124+128	5610
F23	Tx / Rx	138=132+136+140+144	5690
F24	Tx / Rx	149	5745
F25	Tx / Rx	157	5785
F26	Tx / Rx	165	5825
F27	Tx / Rx	151=149+153	5755
F28	Tx / Rx	159=157+161	5795
F29	Tx / Rx	155=149+153+157+161	5775

1.9 Power Setting

Channel	Frequency [MHz]	Power setting* [dBm]
U-NII-1		
36	5180	14
40	5200	17
44	5220	19
48	5240	19
38=36+40	5190	13
46=44+48	5230	16
42=36+40+44+48	5210	11
U-NII-2A		
52	5260	19
56	5280	19
60	5300	19
64	5320	17
54=52+56	5270	19
62=60+64	5310	14
58=52+56+60+64	5290	14
U-NII-2C		
100	5500	17
104 - 136	5520 - 5680	19
140	5700	17
144	5720	17
102=100+104	5510	14
110 =108+112	5550	19
118=116+120	5590	19
126 & 134	5630 & 5670	16
142=140+144	5710	16
106=100+104+108+112	5530	10
122=116+120+124+128	5610	17
138=132+136+140+144	5690	14
U-NII-3		
149	5745	19
153	5765	19
157	5785	19
161	5805	19
165	5825	19
151=149+153	5755	18
159=157+161	5795	19
155=149+153+157+161	5775	15
*Power setting is limited by spurious emissions.		

1.10 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in dBμV. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

$$\text{Reading on Analyzer (dB}\mu\text{V)} + \text{A.F. (dB/m)} = \text{Net field strength (dB}\mu\text{V/m)}$$

Net:

This is the net field strength measurement (as shown above).

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Field strength limit:

This is the FCC Class B radiated emission limit (in units of dBμV/m). The FCC limits are given in units of μV/m. The following formula is used to convert the units of μV/m to dBμV/m:

$$\text{Field strength limit (dB}\mu\text{V/m)} = 20 \cdot \log (\mu\text{V/m})$$

Example only for radiated field strength:

Reading + AF	= Net Reading	:	Net reading	- Field strength limit	= Margin
+21.5 dBμV	+ 26 dB/m	:	47.5 dBμV/m	- 57.0 dBμV/m	= -9.5

1.11 Normative References

References	
Designator	Reference
KDB 789033	KDB 789033 D02 v02r01
ANSI C63.10	ANSI C63.10:2013

2 Result Summary

FCC 47 CFR Part 15E				
Product Standard Reference	Requirement	Reference Method	Result	Remarks
FCC 15.407(e)	6 dB bandwidth	KDB 789033 C.2	N/T	
FCC 15.407(a)(2),(a)(5),(h)(2)	26 dB bandwidth	KDB 789033 C.1	N/T	
FCC 15.407(a)	Maximum output power	KDB 789033 E	N/T	
FCC 15.407(a)	Transmit power control	KDB 789033 E	N/R	Required in 5250-5350 and 5470-5725 MHz bands. Not required for EIRP < 500 mW.
FCC 15.407(a)	Power spectral density	KDB 789033 F	N/T	
FCC 15.407(g)	Frequency stability	ANSI C63.10 6.8	N/T	
FCC 15.207	AC power line conducted emissions	ANSI C63.10 6.2	N/T	
FCC 15.407(b)	Transmitter radiated emissions	KDB 789033 G	PASS	Note 1
FCC 15.407(a)	Radiation pattern	KDB 789033 H	N/R	Required for outdoor access points
Remarks: Note 1: Spot-check of an additional model. Comment: The Decision Rule is applied on the basis of ETSI TR 102 273 and ETSI TR 100 028. These standards provide guidance on how to calculate and apply measurement uncertainty whilst providing maximum uncertainties allowance. In all cases due consideration will be given to ILAC-G8:09/2019. Where a result is considered conditional in respect of its proximity to the limit line, the customer would be made aware of situation so that they can make an informed decision on how to proceed.				

Possible Test Case Verdicts	
PASS	Test object does meet the requirements
FAIL	Test object does not meet the requirements
N/T	Required by standard but not tested
N/R	Not required by standard for the test object

3 Test Conditions and Results

3.1 Test Conditions and Results - Transmitter radiated emissions

3.1.1 Information

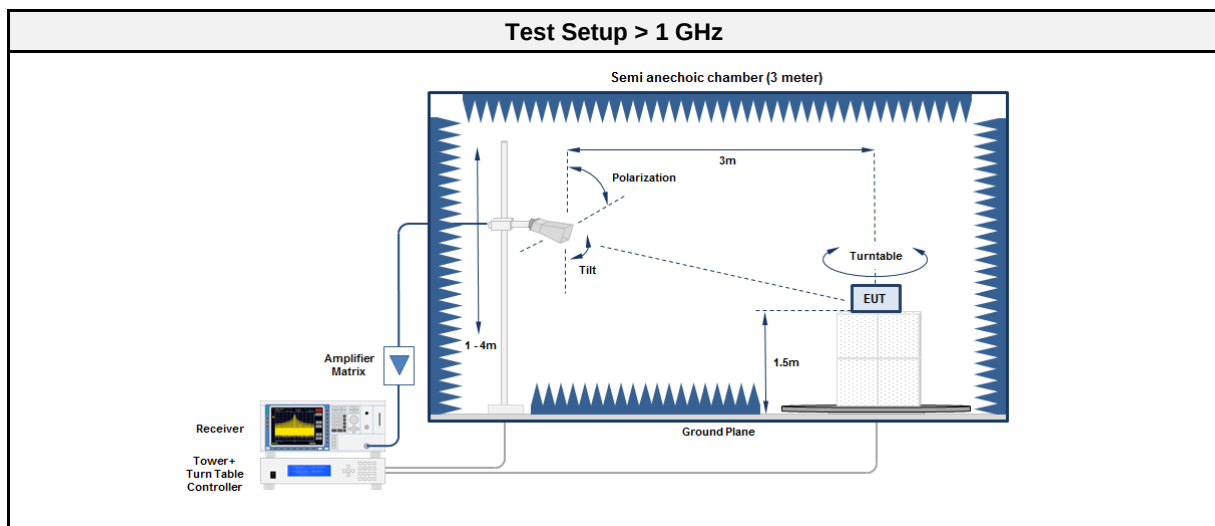
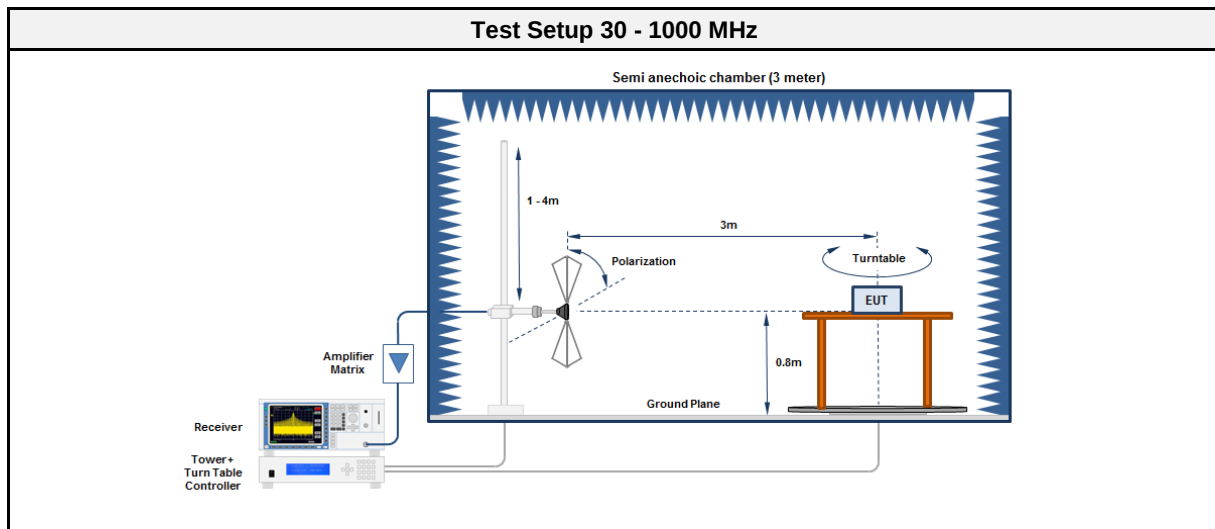
Test Information	
Reference	FCC 15.407(b)
Measurement Method	KDB 789033 G
Operator(s)	Ehsan Sohrabi, Azamat Ibraimov
Date	2023-08-29 – 2023-09-29
Measurement uncertainty	±5.1 %

3.1.2 Limits

Limits - Restricted frequency bands and below 1 GHz			
Frequency [MHz]	Detector	Field strength [μV/m]	Measurement distance [m]
30 - 88	Quasi-Peak	100	3
88 - 216	Quasi-Peak	150	3
216 - 960	Quasi-Peak	200	3
960 - 1000	Quasi-Peak	500	3
>1000	Average	500	3

Limits - Outside restricted frequency bands above 1 GHz			
Frequency band [MHz]	Power limit [dBm EIRP]	Field strength limit [dBμV/m]	Measurement distance [m]
5150 - 5250	-27 dBm/MHz	68.2	3
5250 - 5350	-27 dBm/MHz	68.2	3
5470 - 5725	-27 dBm/MHz	68.2	3
5725 - 5850	-27 dBm/MHz @ ±75 MHz from band edge	68.2	3
5725 - 5850	10 to -27 dBm/MHz @ ±25 to ±75 MHz from band edge	105.2 to 68.2	3
5725 - 5850	15.6 to 10 dBm/MHz @ ±5 to ±25 MHz from band edge	110.8 to 105.2	3
5725 - 5850	27 to 15.6 dBm/MHz @ ±0 to ±5 MHz from band edge	122.2 to 110.8	3

3.1.3 Setup



3.1.4 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	RadiMation	2016.1.10

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2022-11	2025-11
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2023-02	2024-02
Antenna	Schwarzbeck	VULB 9168	EF01824	2022-10	2023-10

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC2	EF01616	2022-10	2023-10
Spectrum analyzer	R&S	FSW43	EF00896	2023-08	2024-08
Antenna	Schwarzbeck	BBHA 9120B	EF01678	2021-03	2024-03
Antenna	Schwarzbeck	HWRD 650	EF01679	2021-03	2024-03
Antenna	Amplifier Research	AT4560	EF00302	2021-06	2023-09
40GHz Standard Standard Gain Horn Antenna with Amplifier	Flann Microwave Ltd	22240-25 Amp. CBL26402075	EF00301	2023-01	2026-01

3.1.5 Procedure

Test Procedure 30 - 1000 MHz	
1.	EUT is placed on a non conducting support at the center of a turn table 0.8 m above the ground
2.	EUT set to test mode
3.	The receiver is set to peak detection with max hold
4.	The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5.	All significant emissions are measured again using the corresponding final detector

Test Procedure > 1 GHz	
1.	EUT is placed on a non conducting support at the center of a turn table 1.5 m above the ground
2.	EUT set to test mode
3.	The receiver is set to peak detection with max hold
4.	The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5.	All significant emissions are measured again using the corresponding final detector

3.1.6 Results

Test Results – OFDM						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
5260	5142	56.69	pk	ver	74.00	-17.31
5260	5142	44.35	RMS	ver	54.00	-09.65
5260	10517	46.49	pk	hor	68.20	-21.71
5260	15790	51.13	pk	ver	74.00	-22.87
5320	5351	63.68	pk	ver	74.00	-10.32
5320	5351	48.15	RMS	ver	54.00	-05.85
5320	10634	42.59	pk	hor	74.00	-31.41
5320	15961	49.07	pk	ver	74.00	-24.93
5500	1280	41.05	pk	ver	68.20	-27.15
5500	5411	50.98	pk	ver	74.00	-23.02
5580	1280	40.76	pk	hor	68.20	-27.44
5580	5453	48.35	pk	ver	74.00	-25.65
5580	16730	48.10	pk	ver	68.20	-20.10
5700	1280	40.93	pk	ver	68.20	-27.27
5700	5728	65.75	pk	ver	68.20	-02.45
5700	5728	57.76	RMS	ver	68.20	-10.44
5700	17093	45.44	pk	ver	68.20	-22.76
5745	5627	51.41	pk	ver	68.20	-16.79
5785	5649	47.90	pk	ver	68.20	-20.30

Test Results – HT40						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
5190	5096	47.63	pk	hor	74.00	-26.37
5270	5352	66.48	pk	ver	74.00	-07.52
5270	5352	49.53	RMS	ver	54.00	-04.47
5310	1280	41.77	pk	ver	68.20	-26.43
5310	5402	47.13	pk	ver	74.00	-26.87
5510	5466	67.36	pk	ver	68.20	-00.84
5510	5466	52.81	RMS	ver	68.20	-15.39
5590	5459	55.46	pk	ver	74.00	-18.54
5590	5459	42.96	RMS	ver	54.00	-11.04
5670	5748	59.82	pk	ver	68.20	-08.38
5670	5748	47.98	RMS	ver	68.20	-20.22
5755	5658	63.54	pk	ver	73.84	-10.31
5795	5645	54.31	pk	ver	68.20	-13.89

Test Results – VHT20						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
5180	5150	63.49	pk	hor	74.00	-10.51
5180	5150	50.16	RMS	hor	54.00	-03.84
5180	15549	46.55	pk	ver	74.00	-27.45
5180	20720	51.75	pk	ver	74.00	-22.25
5200	5097	48.27	pk	hor	74.00	-25.73
5200	5150	65.12	pk	hor	74.00	-08.88
5200	5150	50.91	RMS	hor	54.00	-03.09
5240	5149	58.21	pk	hor	74.00	-15.79
5240	5149	47.49	RMS	hor	54.00	-06.51
5240	15716	58.28	pk	ver	74.00	-15.72
5240	15716	49.29	RMS	ver	54.00	-04.71
5240	20960	48.76	pk	ver	74.00	-25.24

Test Results – VHT80						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
5290	1280	42.01	pk	ver	68.20	-26.19
5290	5402	51.43	pk	ver	74.00	-22.57
5230	5149	63.69	pk	hor	74.00	-10.31
5230	5149	49.49	RMS	hor	54.00	-04.51
5530	5419	47.24	pk	ver	74.00	-26.76
5610	5406	57.57	pk	ver	74.00	-16.43
5610	5406	44.32	RMS	ver	54.00	-09.68
5610	5750	66.13	pk	ver	68.20	-02.07
5610	5750	50.26	RMS	ver	68.20	-17.94
5690	5779	65.24	pk	ver	68.20	-02.96
5690	5779	53.80	RMS	ver	68.20	-14.40
5775	5649	64.43	pk	ver	68.20	-03.77
5775	5649	59.46	RMS	ver	68.20	-08.74

Test Results – HE20						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
5180	5099	47.33	pk	ver	74.00	-26.67
5180	5149	66.55	pk	ver	74.00	-07.45
5180	5149	52.75	RMS	ver	54.00	-01.25
5180	15538	46.34	pk	ver	74.00	-27.66
5180	20720	50.95	pk	ver	74.00	-23.05
5180	39885	52.15	pk	ver	74.00	-21.85
5180	39885	41.71	RMS	ver	54.00	-12.29
5200	5148	65.89	pk	ver	74.00	-08.11
5200	5148	50.04	RMS	ver	54.00	-03.96
5320	859.4147	47.30	pk	ver	68.20	-20.85
5320	5351	66.67	pk	ver	74.00	-07.33
5320	5351	49.82	RMS	ver	54.00	-04.18
5320	5401	46.59	pk	ver	74.00	-27.41
5320	10643	44.75	pk	hor	74.00	-29.25
5320	15961	46.77	pk	ver	74.00	-27.23
5500	5413	50.15	pk	ver	74.00	-23.85
5500	5464	62.93	pk	ver	68.20	-05.27
5500	5464	48.81	RMS	ver	68.20	-19.39
5500	11002	44.39	pk	ver	74.00	-29.61
5600	853.142	53.30	pk	hor	68.20	-14.95
5600	5461	46.32	pk	ver	68.20	-21.88
5600	11200	45.86	pk	ver	74.00	-28.14
5745	5647	55.16	pk	ver	68.20	-13.04
5745	11491	48.18	pk	hor	74.00	-25.82
5745	17240	52.51	pk	ver	68.20	-15.69

Test Results – HE40						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
5755	5647	64.30	pk	ver	68.20	-03.90
5755	5647	48.45	RMS	ver	68.20	-19.75
5755	11513	45.61	pk	hor	74.00	-28.39
5755	17242	45.98	pk	ver	68.20	-22.22
5795	5638	56.08	pk	ver	68.20	-12.12
5190	5096	45.98	pk	ver	74.00	-28.02
5190	5148	61.97	pk	ver	74.00	-12.03
5190	5148	48.19	RMS	ver	54.00	-05.81
5230	5149	66.96	pk	ver	74.00	-07.04
5230	5149	49.62	RMS	ver	54.00	-04.38
5310	5355	69.31	pk	ver	74.00	-04.69
5310	5355	50.74	RMS	ver	54.00	-03.26
5310	5408	45.51	pk	ver	74.00	-28.49
5510	5469	65.72	pk	ver	68.20	-02.48
5510	5469	50.84	RMS	ver	68.20	-17.36
5590	5465	54.67	pk	ver	68.20	-13.53

Test Results – HE80						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
5290	5358	63.32	pk	ver	74.00	-10.68
5210	5098	53.26	pk	ver	74.00	-20.74
5210	5136	63.93	pk	ver	74.00	-10.07
5210	5136	50.60	RMS	ver	54.00	-03.40
5290	5358	50.18	RMS	ver	54.00	-03.82
5290	5401	49.75	pk	ver	74.00	-24.25
5530	5419	50.34	pk	ver	74.00	-23.66
5530	5465	59.93	pk	ver	68.20	-08.27
5530	5465	47.74	RMS	ver	68.20	-20.46
5610	5462	62.68	pk	ver	68.20	-05.52
5610	5462	51.93	RMS	ver	68.20	-16.27
5610	5732	62.85	pk	ver	68.20	-05.35
5610	5732	49.55	RMS	ver	68.20	-18.65
5610	5815	52.30	pk	ver	68.20	-15.90
5775	5646	66.30	pk	ver	68.20	-01.90
5775	5646	53.15	RMS	ver	68.20	-15.05

ANNEX A Transmitter spurious emissions

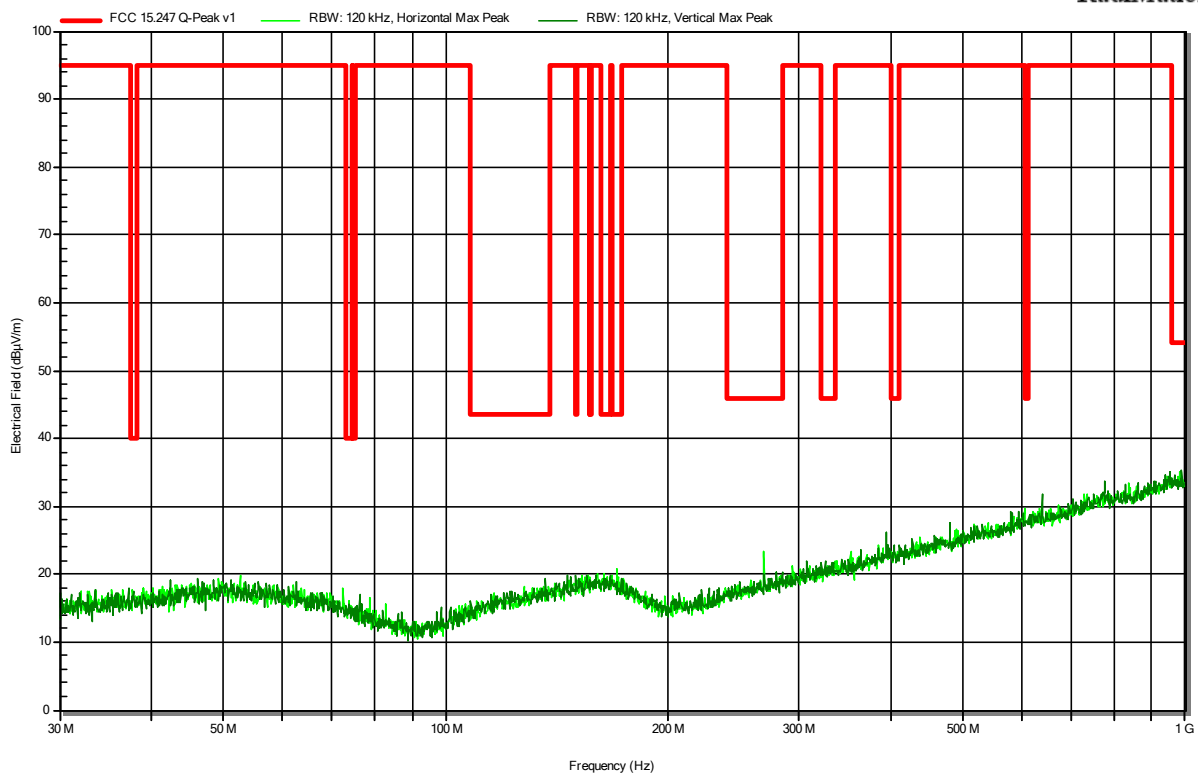
U-NII-1

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: A.Ibraimov
 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: Tx; IEEE 802.11a, 5180 MHz, VHT20, MCS0
 Test Date: 2023-08-29

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RadiMation

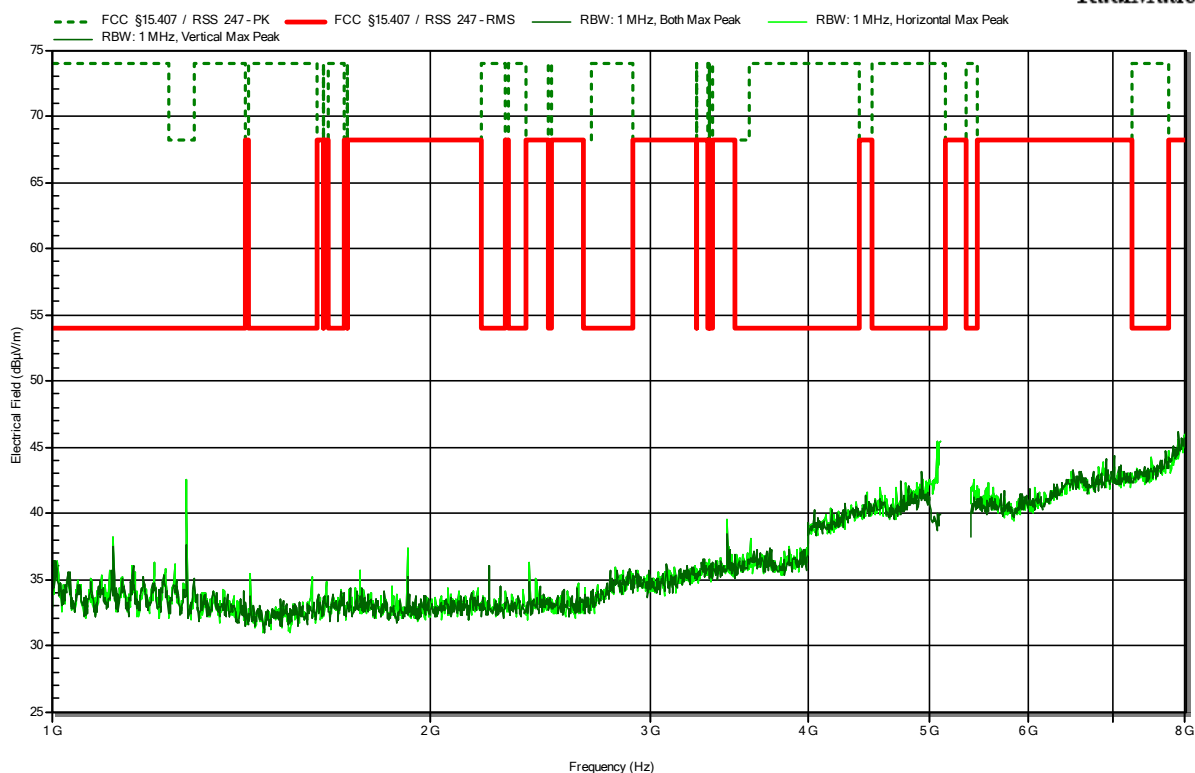


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5180 MHz, VHT20, MCS0
 Test Date: 2023-09-16

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RadiMation

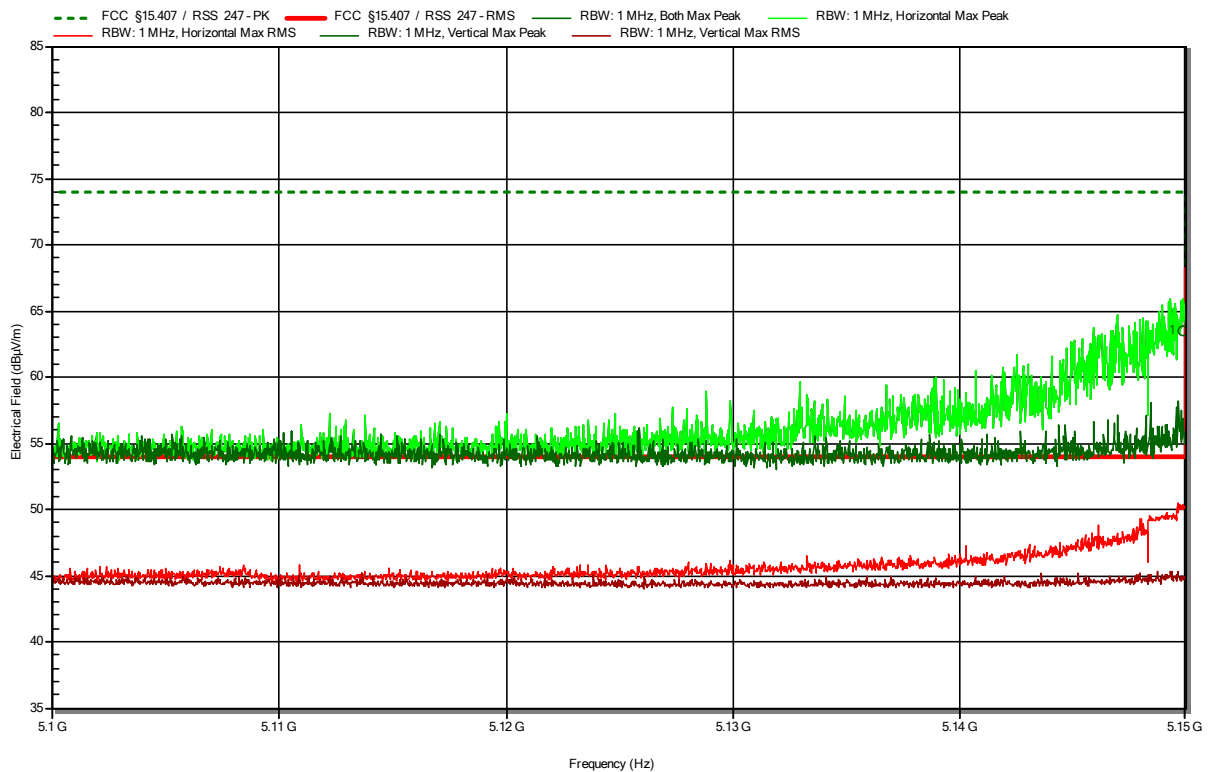


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5180 MHz, VHT20, MCS0
 Test Date: 2023-09-16
 Note: lower band area

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RadiMation



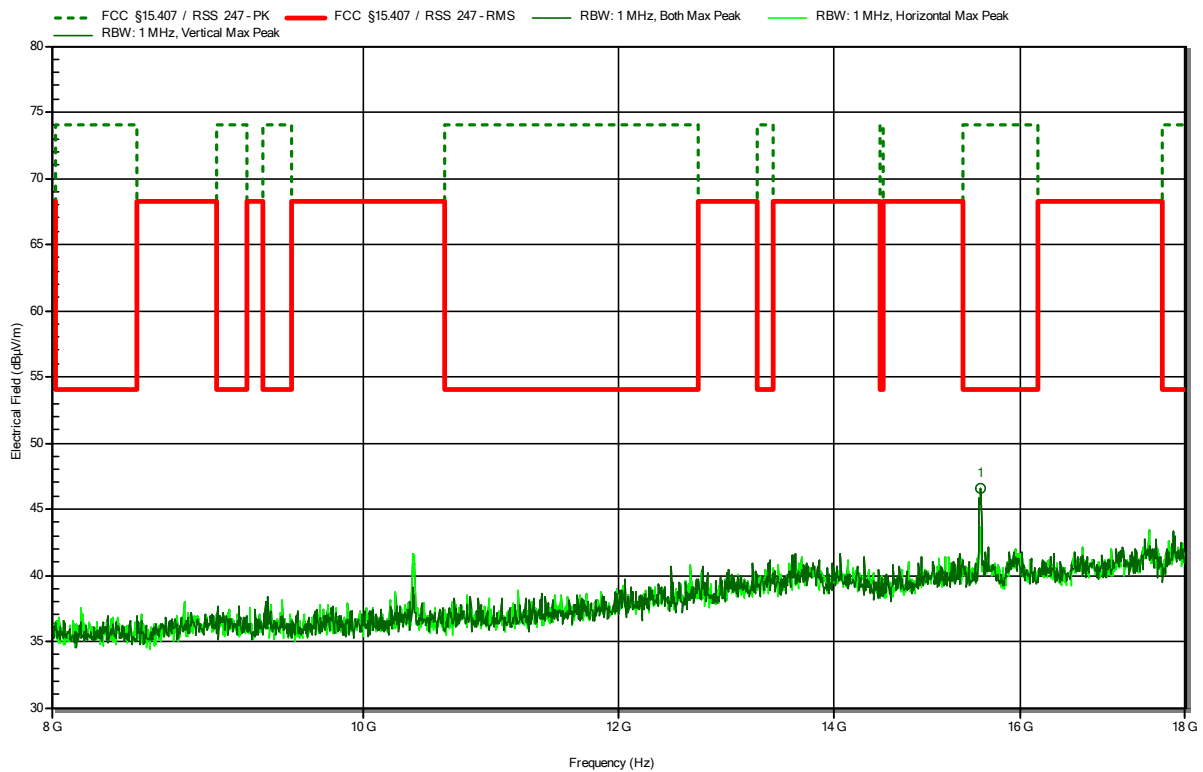
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.15 GHz	63.49 dBμV/m	74 dBμV/m	-10.51 dB	Pass	Horizontal
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.15 GHz	50.16 dBμV/m	54 dBμV/m	-3.84 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5180 MHz, VHT20, MCS0
 Test Date: 2023-09-18

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RadiMation



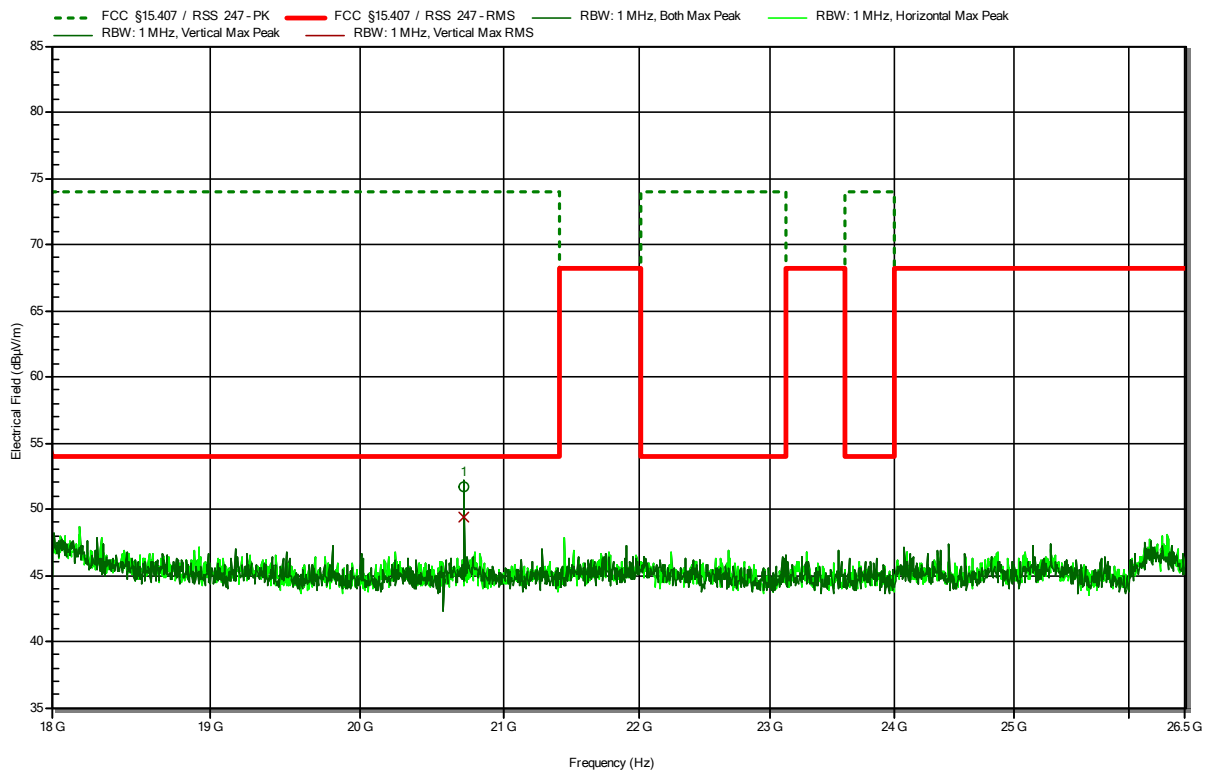
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
15.549 GHz	46.55 dBμV/m	74 dBμV/m	-27.45 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5180 MHz, VHT20, MCS0
 Test Date: 2023-09-18

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RadiMation



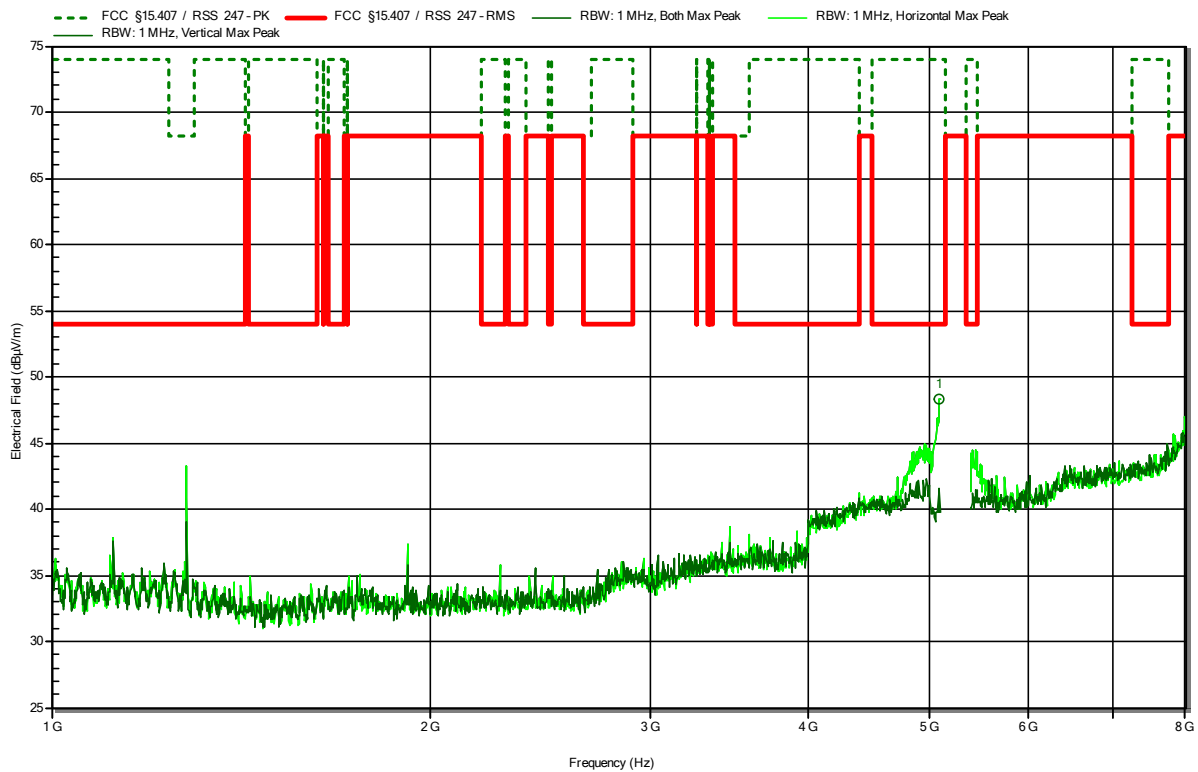
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
20.72 GHz	51.75 dBμV/m	74 dBμV/m	-22.25 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5200 MHz, VHT20, MCS0
 Test Date: 2023-09-16

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RadiMation



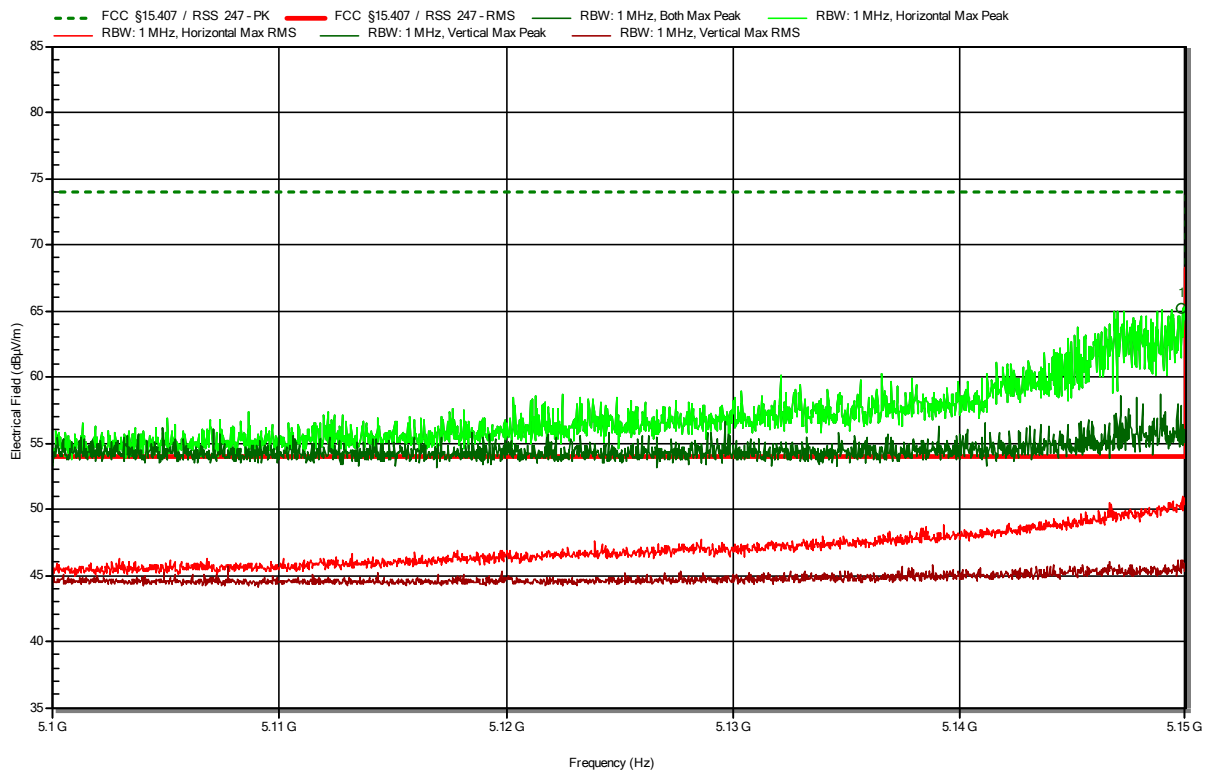
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.097 GHz	48.27 dBμV/m	74 dBμV/m	-25.73 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5200 MHz, VHT20, MCS0
 Test Date: 2023-09-16
 Note: lower band area

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RadiMation



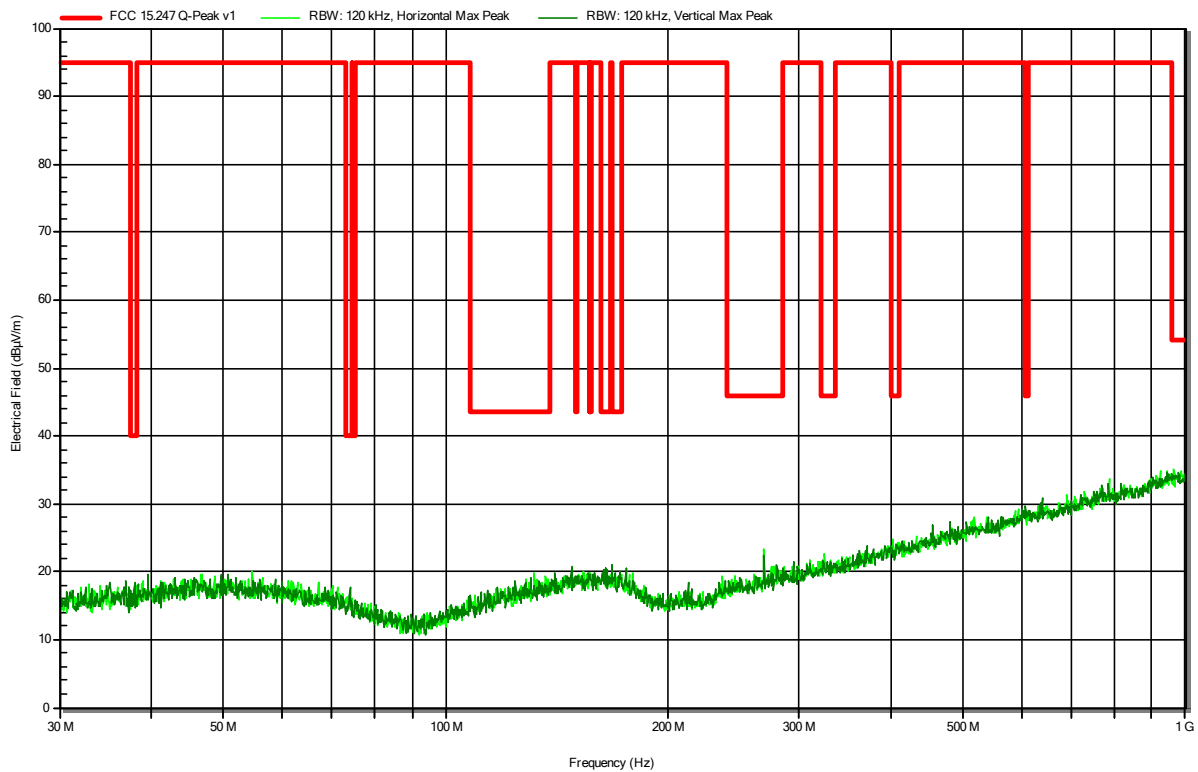
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5.15 GHz	65.12 dBµV/m	74 dBµV/m	-8.88 dB	Pass	Horizontal
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.15 GHz	50.91 dBµV/m	54 dBµV/m	-3.09 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: A.Ibraimov
 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: Tx; IEEE 802.11a, 5240 MHz, VHT20, MCS0
 Test Date: 2023-08-29

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RadiMation

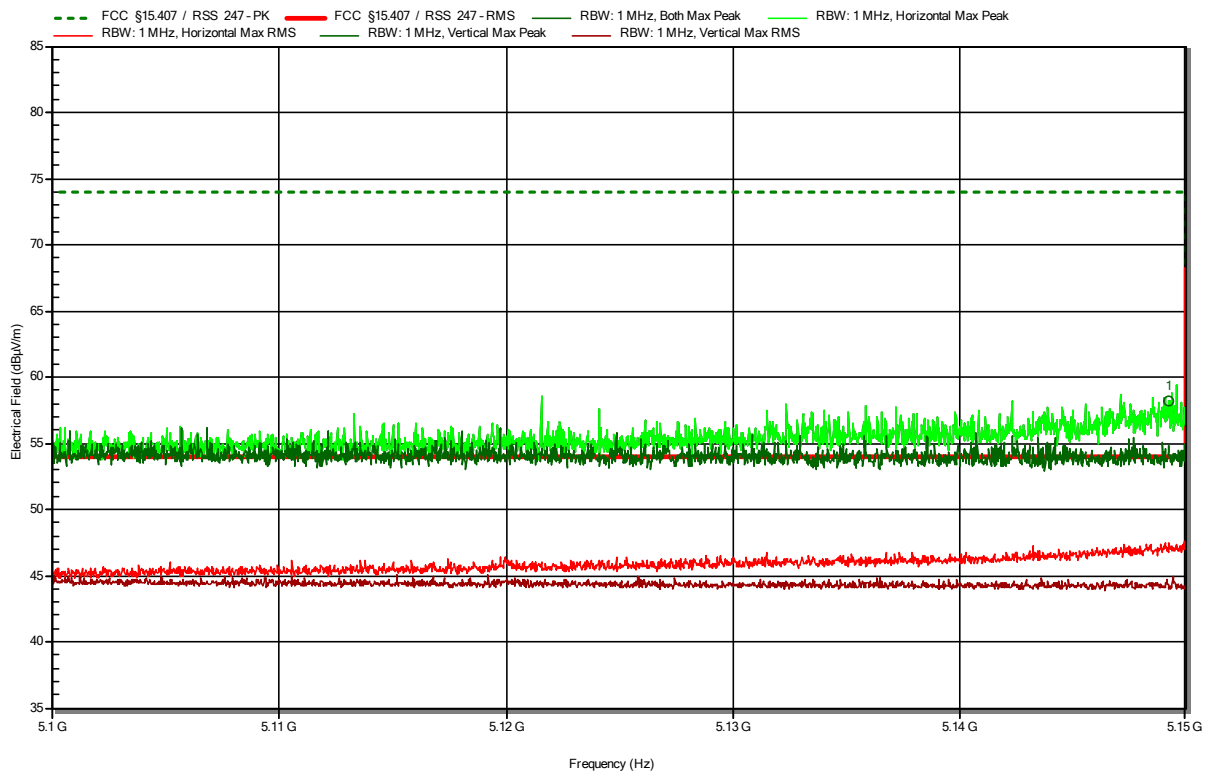


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5240 MHz, VHT20, MCS0
 Test Date: 2023-09-16
 Note: lower band area

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RadiMation



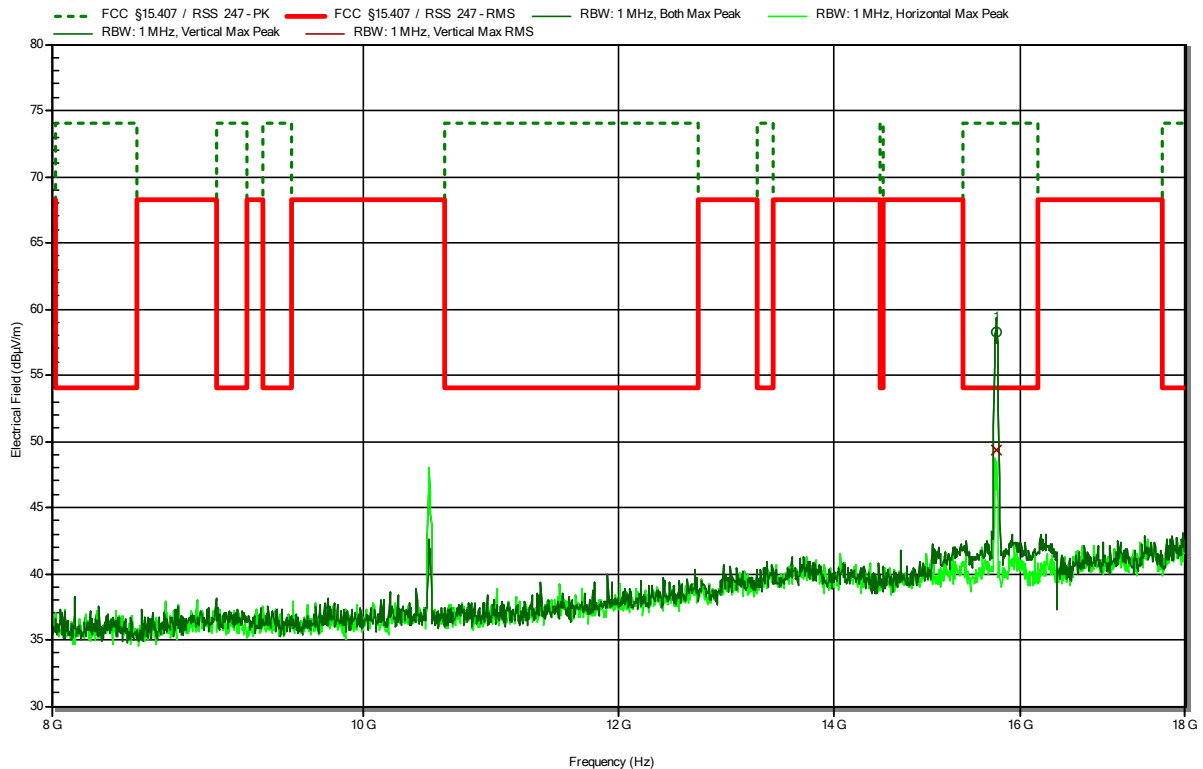
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.149 GHz	58.21 dBμV/m	74 dBμV/m	-15.79 dB	Pass	Horizontal
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.149 GHz	47.49 dBμV/m	54 dBμV/m	-6.51 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5240 MHz, VHT20, MCS0
 Test Date: 2023-09-18

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RadiMation



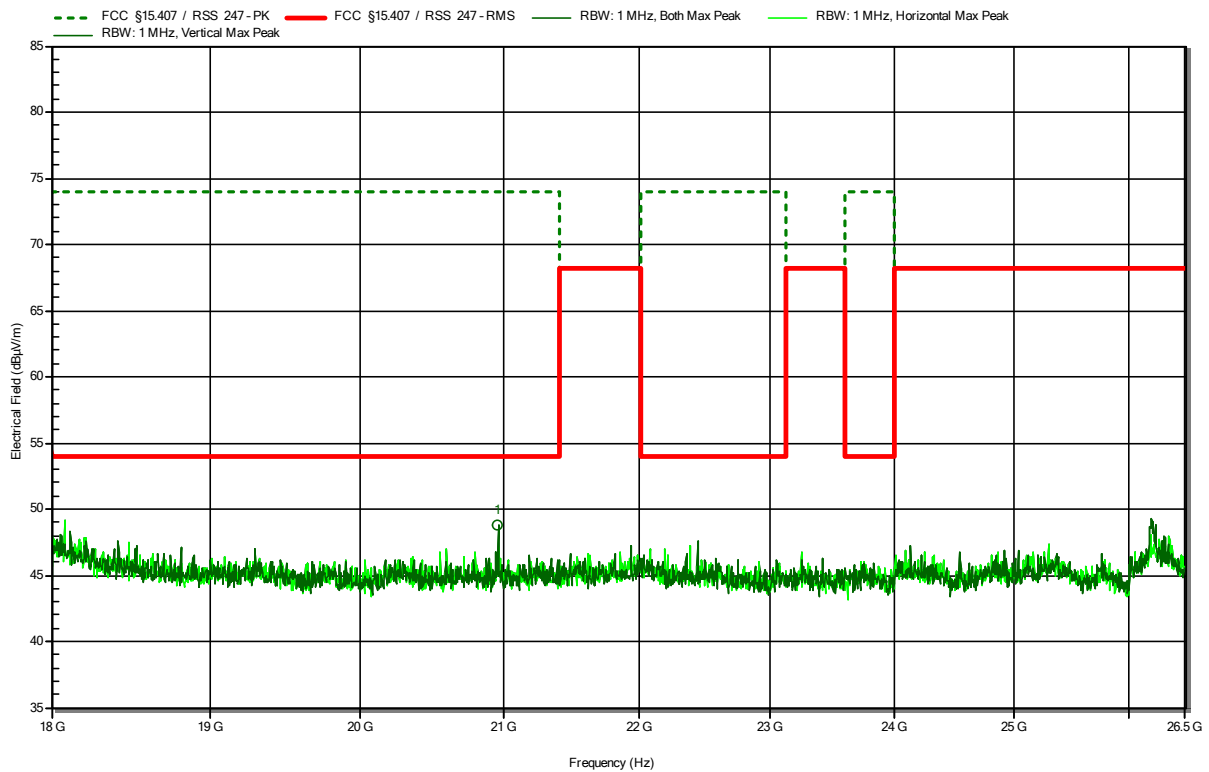
Frequency 15.716 GHz	Peak 58.28 dBμV/m	Peak Limit 74 dBμV/m	Peak Difference -15.72 dB	Peak Status Pass	Polarization Vertical
Frequency 15.716 GHz	RMS 49.29 dBμV/m	RMS Limit 54 dBμV/m	RMS Difference -4.71 dB	RMS Status Pass	Polarization Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5240 MHz, VHT20, MCS0
 Test Date: 2023-09-18

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RadiMation



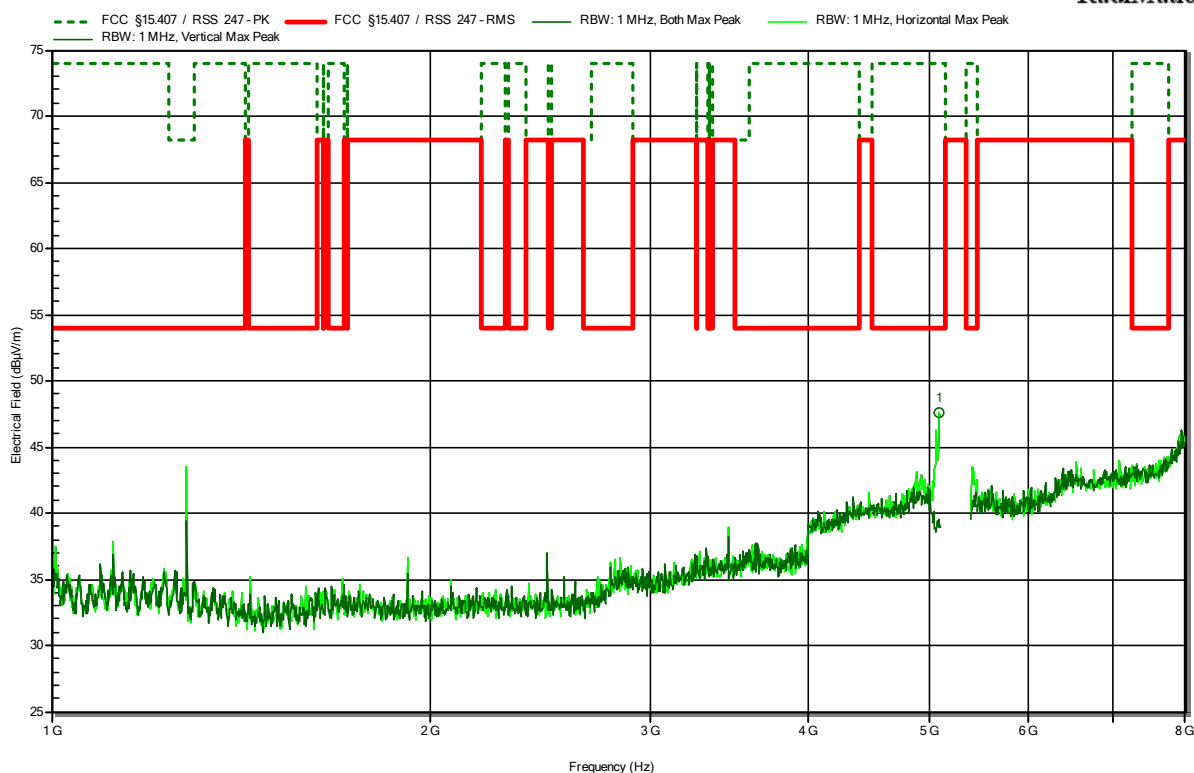
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
20.96 GHz	48.76 dBμV/m	74 dBμV/m	-25.24 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5190 MHz, HT40, MCS0
 Test Date: 2023-09-16

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RadiMation



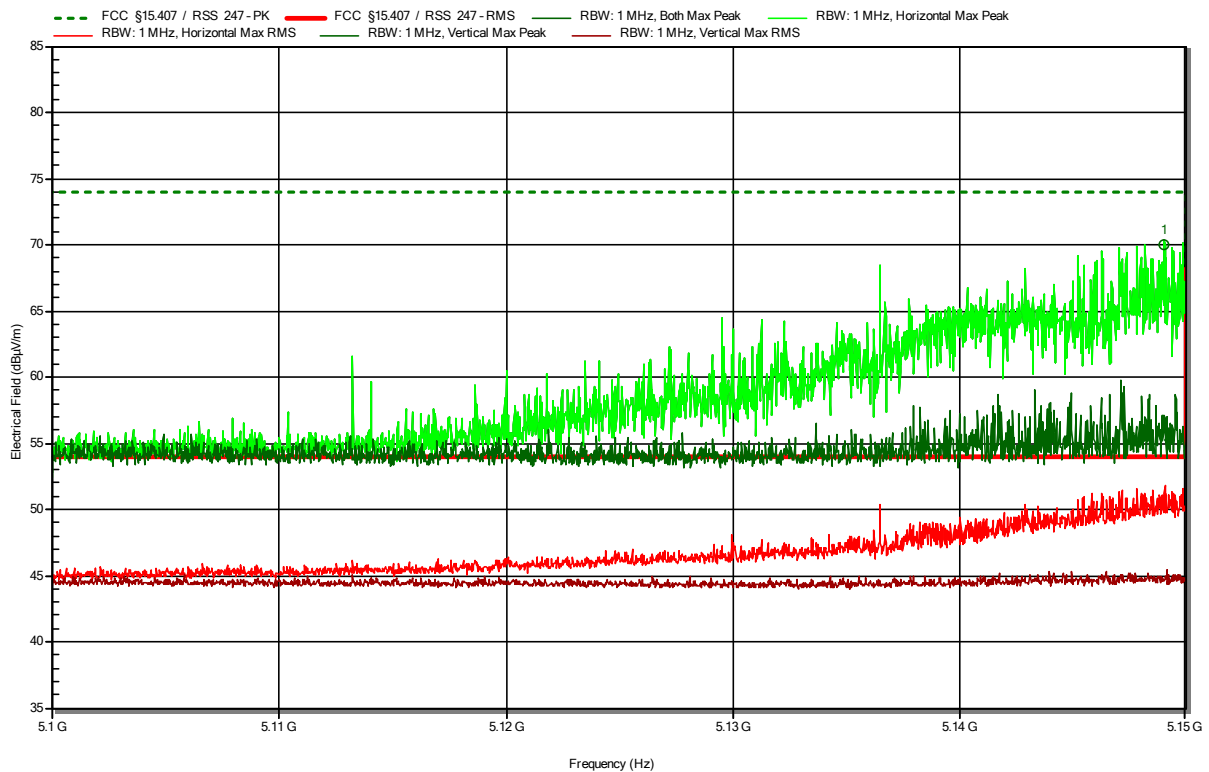
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.096 GHz	47.63 dBμV/m	74 dBμV/m	-26.37 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5190 MHz, HT40, MCS0
 Test Date: 2023-09-16
 Note: lower band area

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RadiMation



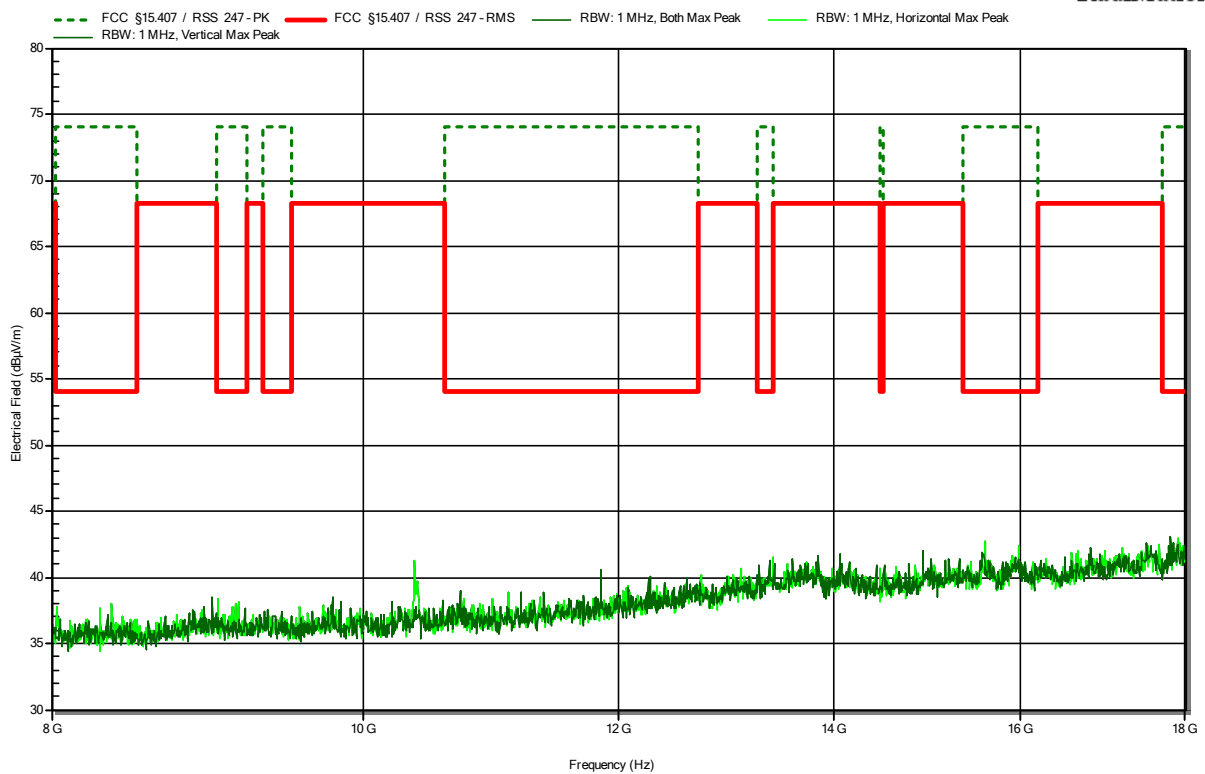
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.149 GHz	70 dBµV/m	74 dBµV/m	-4 dB	Pass	Horizontal
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.149 GHz	51.76 dBµV/m	54 dBµV/m	-2.24 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5190 MHz, HT40, MCS0
 Test Date: 2023-09-18

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RadiMation

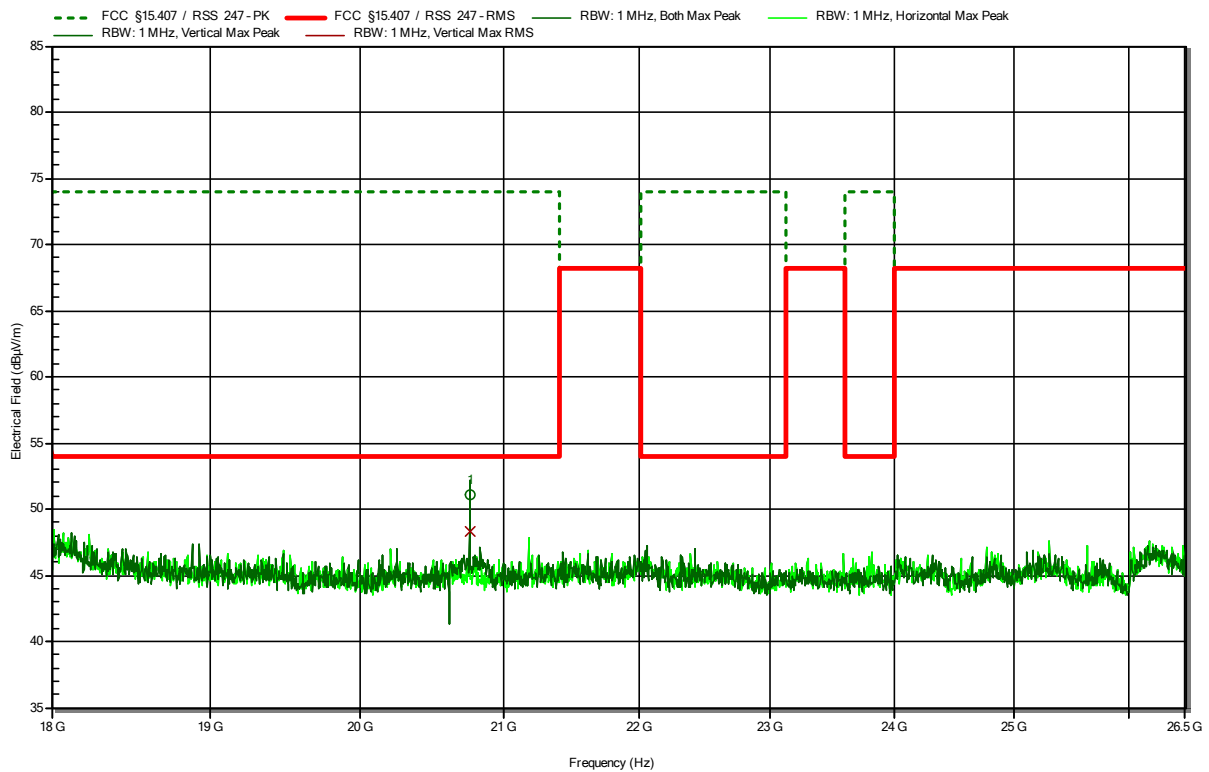


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5190 MHz, HT40, MCS0
 Test Date: 2023-09-18

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RadiMation



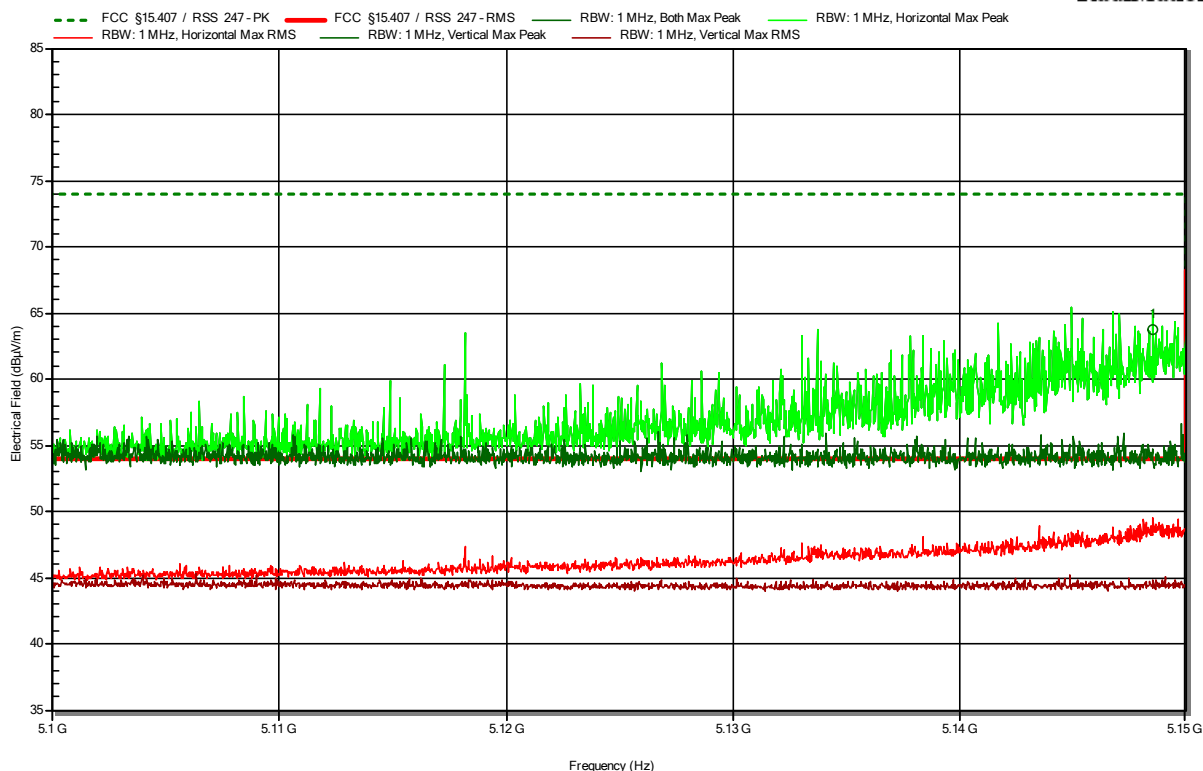
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
20.76 GHz	51.06 dBμV/m	74 dBμV/m	-22.94 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5230 MHz, HT40, MCS0
 Test Date: 2023-09-16
 Note: lower band area

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RadiMation



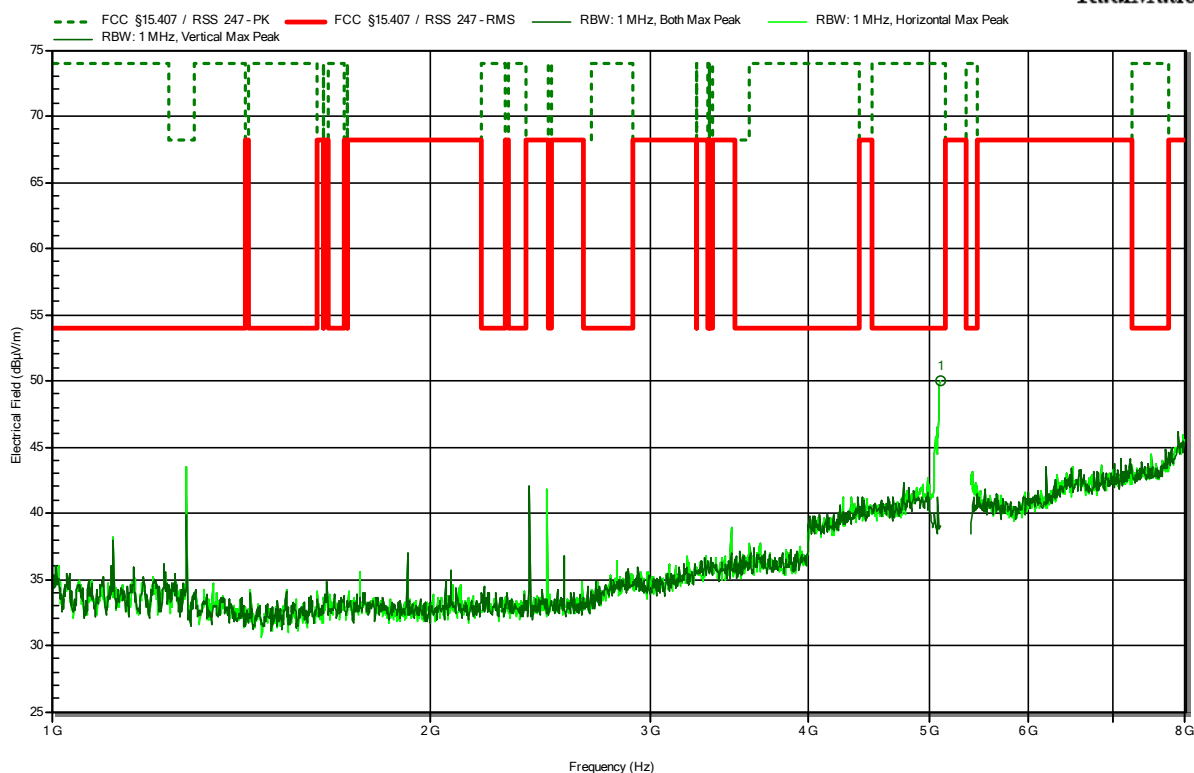
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.149 GHz	63.69 dBµV/m	74 dBµV/m	-10.31 dB	Pass	Horizontal
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.149 GHz	49.49 dBµV/m	54 dBµV/m	-4.51 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5210 MHz, VHT80, MCS0
 Test Date: 2023-09-16

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RadiMation



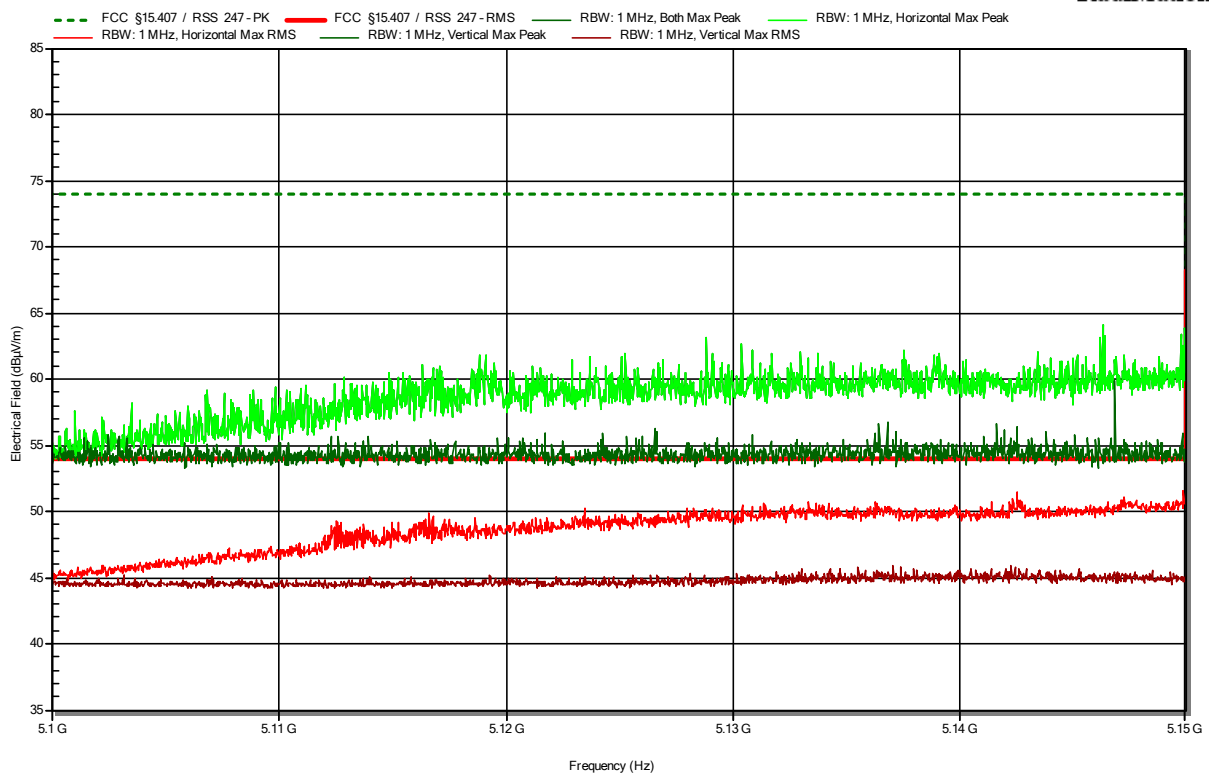
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.099 GHz	49.96 dBμV/m	74 dBμV/m	-24.04 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5210 MHz, VHT80, MCS0
 Test Date: 2023-09-16
 Note: lower band area

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RadiMation

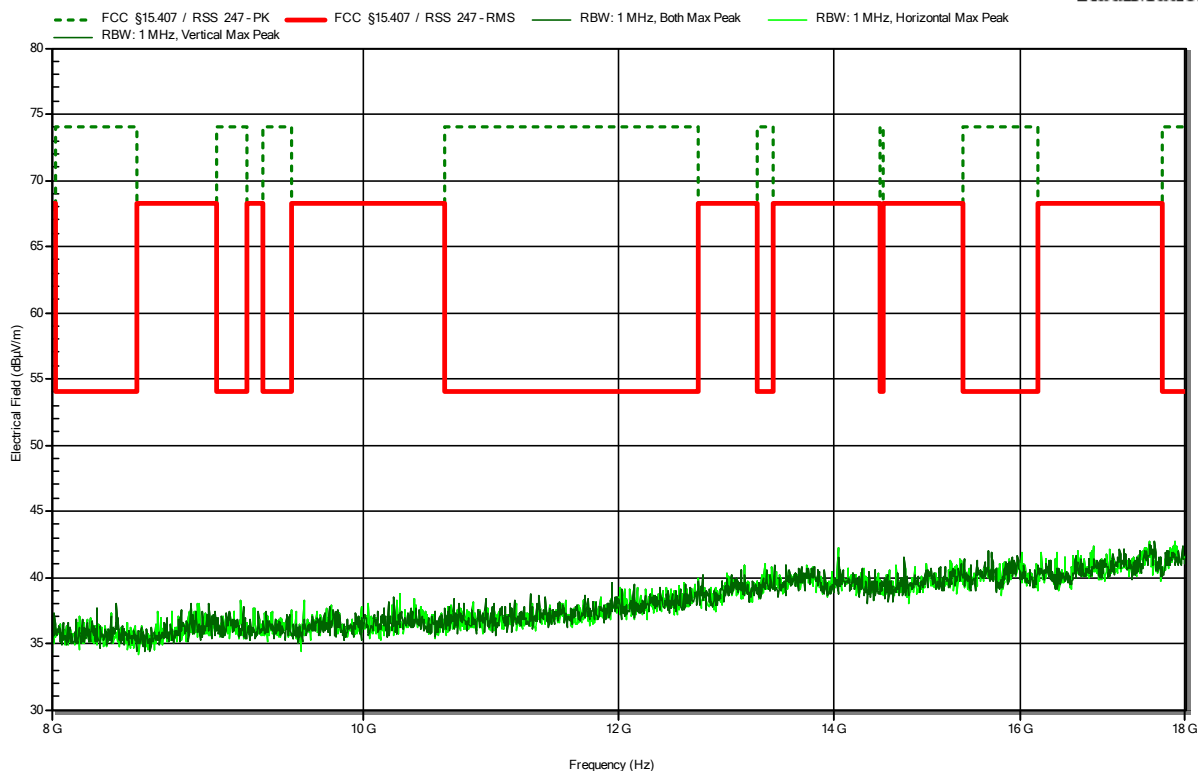


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5210 MHz, VHT80, MCS0
 Test Date: 2023-09-18

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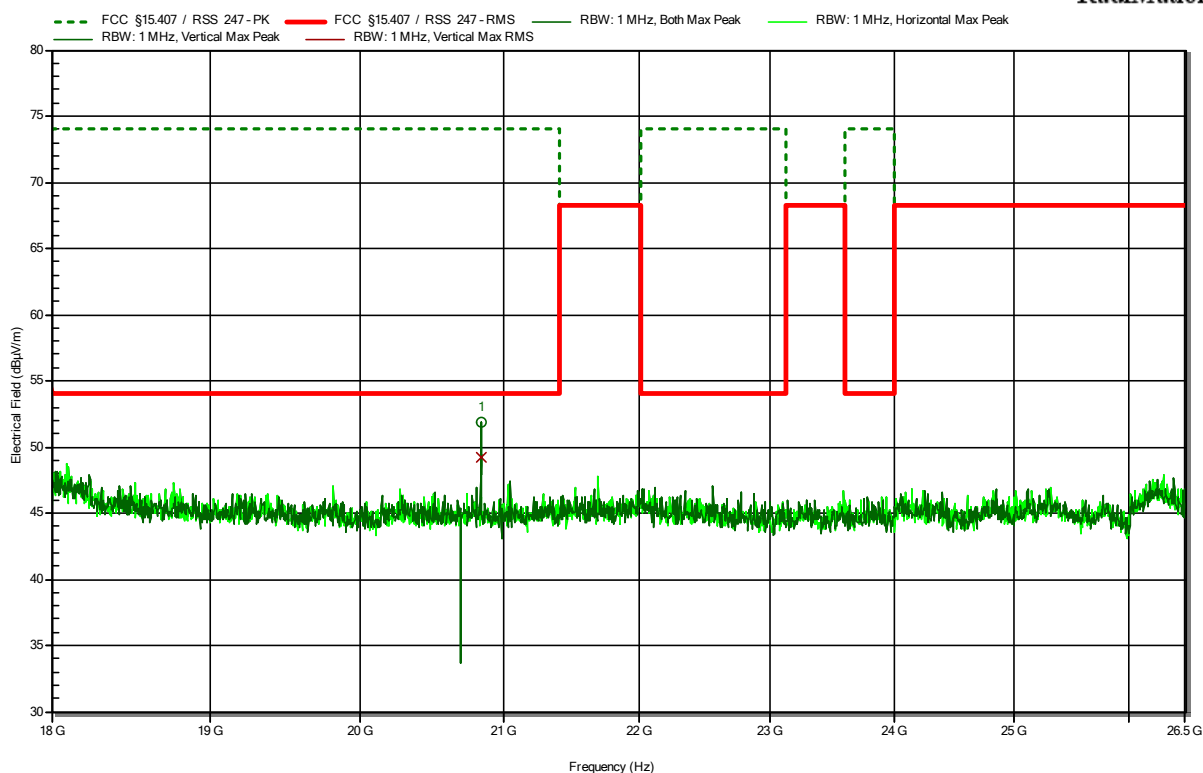


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11ac, 5210 MHz, VHT80, MCS0
 Test Date: 2023-09-18

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
20.84 GHz	51.82 dBμV/m	74 dBμV/m	-22.18 dB	Pass	Vertical

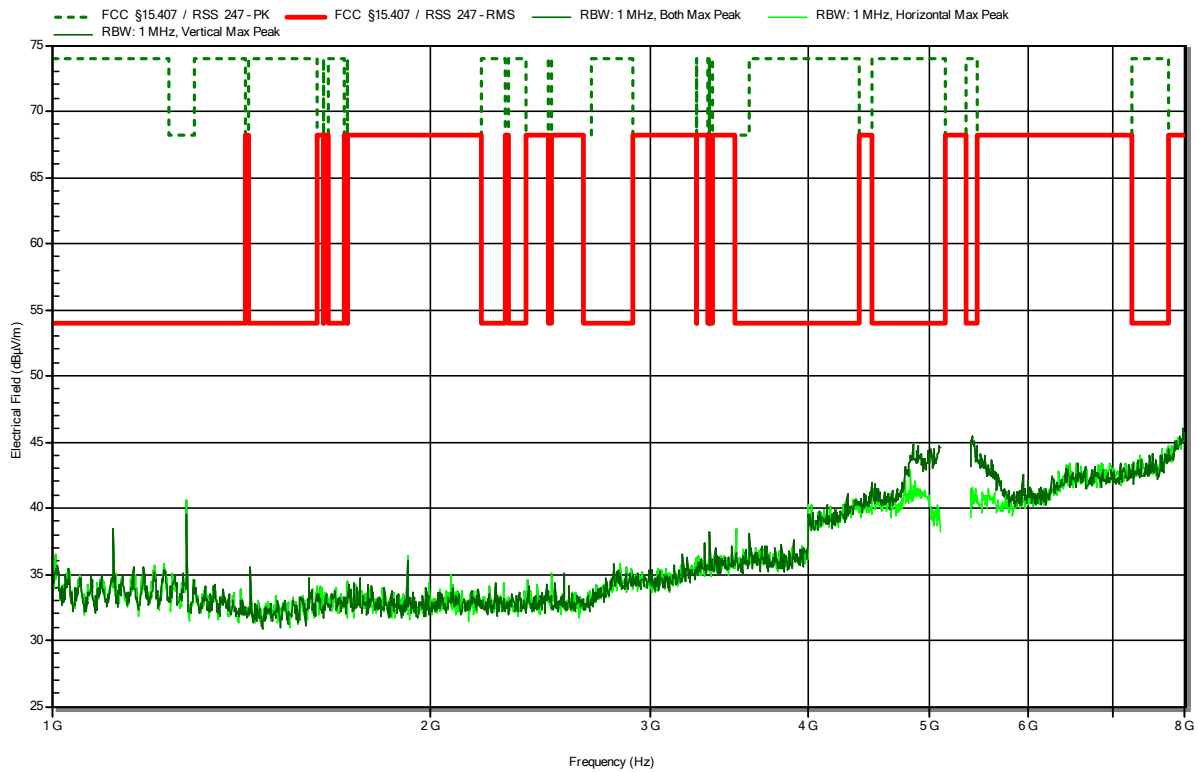
UNII-2A

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11a, 5260 MHz, 6Mbps, OFDM
 Test Date: 2023-09-18

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RadiMation

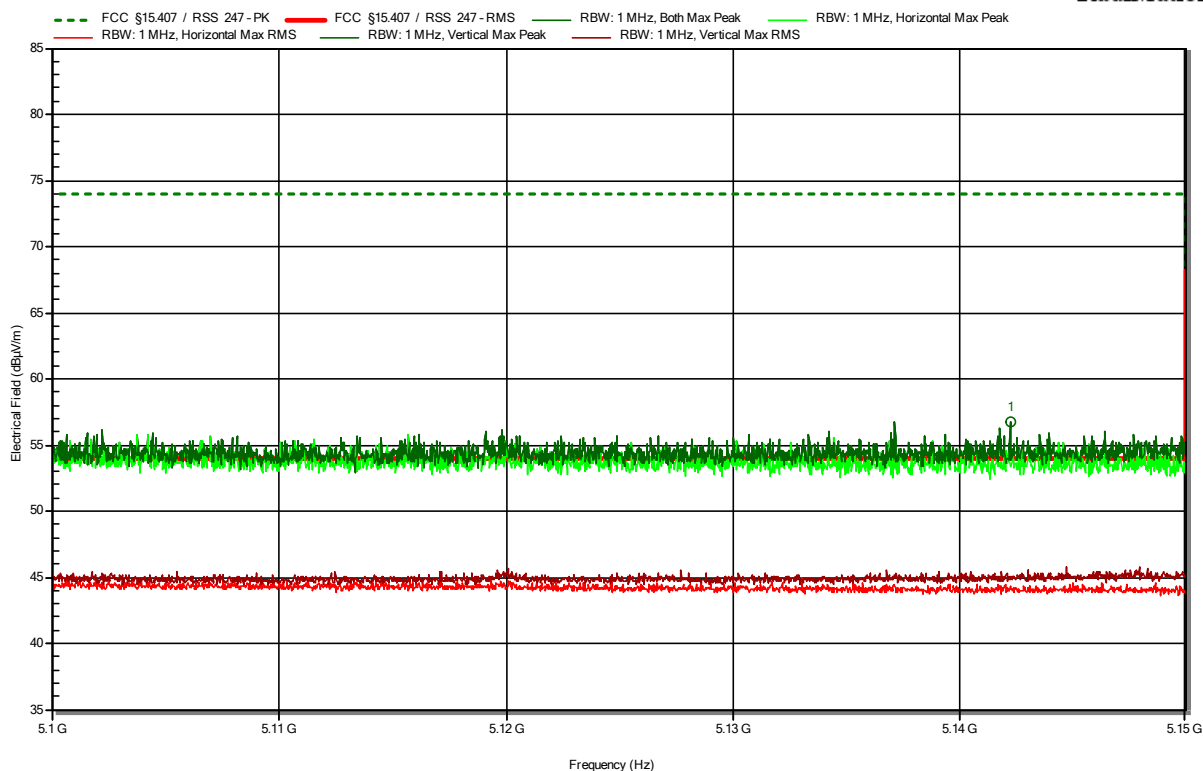


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11a, 5260 MHz, 6Mbps, OFDM
 Test Date: 2023-09-18
 Note: lower band area

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RadiMation



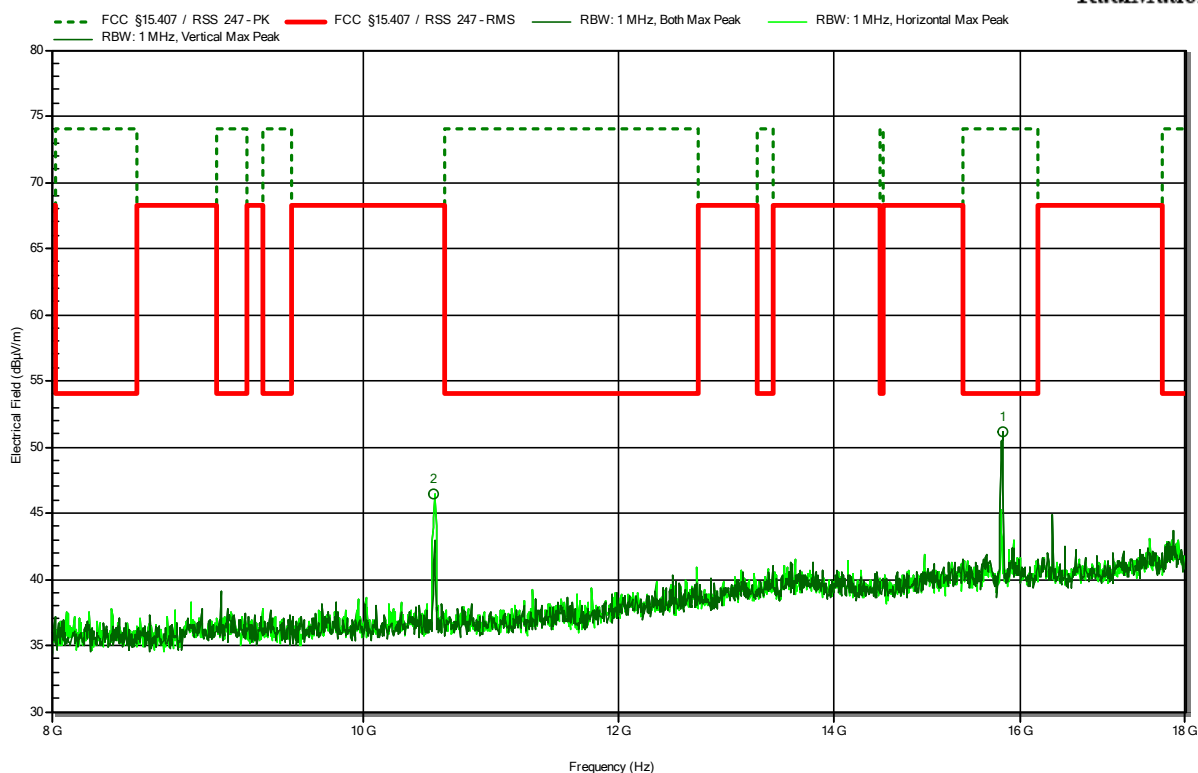
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.142 GHz	56.69 dBµV/m	74 dBµV/m	-17.31 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.142 GHz	44.35 dBµV/m	54 dBµV/m	-9.65 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11a, 5260MHz, 6Mbps, OFDM
 Test Date: 2023-09-29

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RadiMation



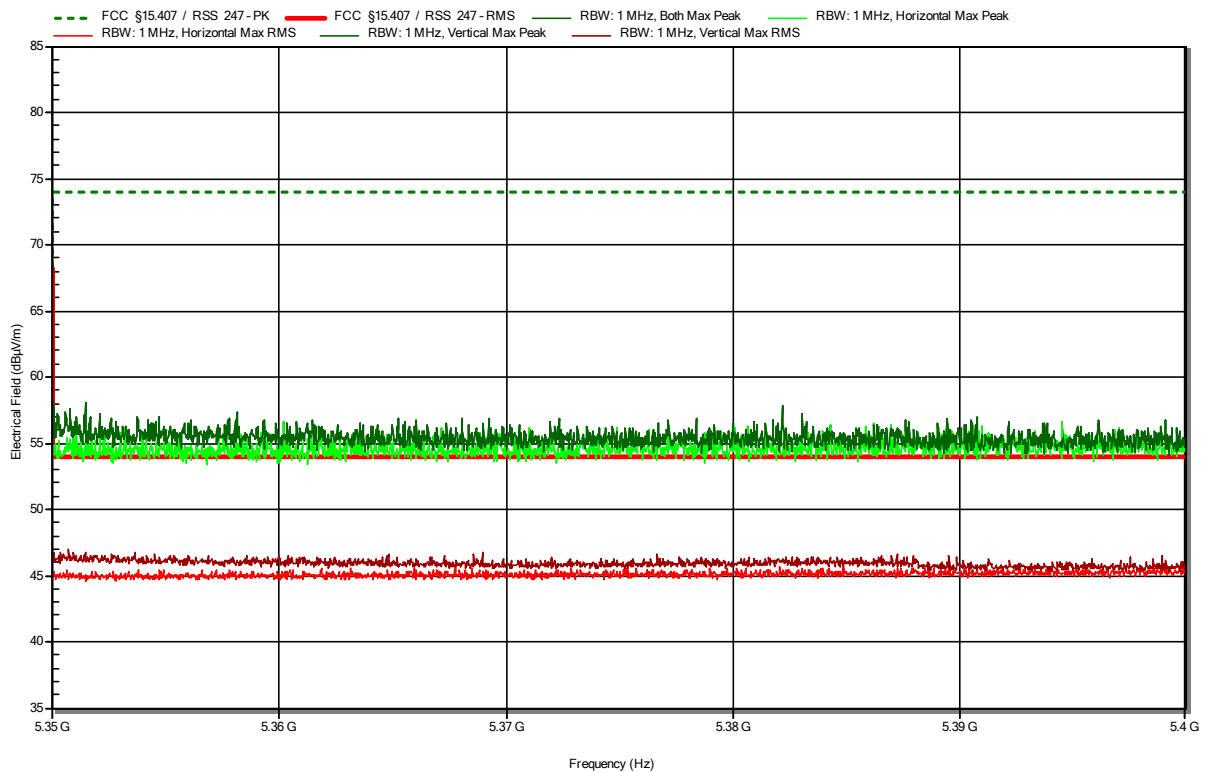
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
10.517 GHz	46.49 dBµV/m	68.2 dBµV/m	-21.71 dB	Pass	Horizontal
15.79 GHz	51.13 dBµV/m	74 dBµV/m	-22.87 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11a, 5300 MHz, 6Mbps, OFDM
 Test Date: 2023-09-18
 Note: Upper band area

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RadiMation

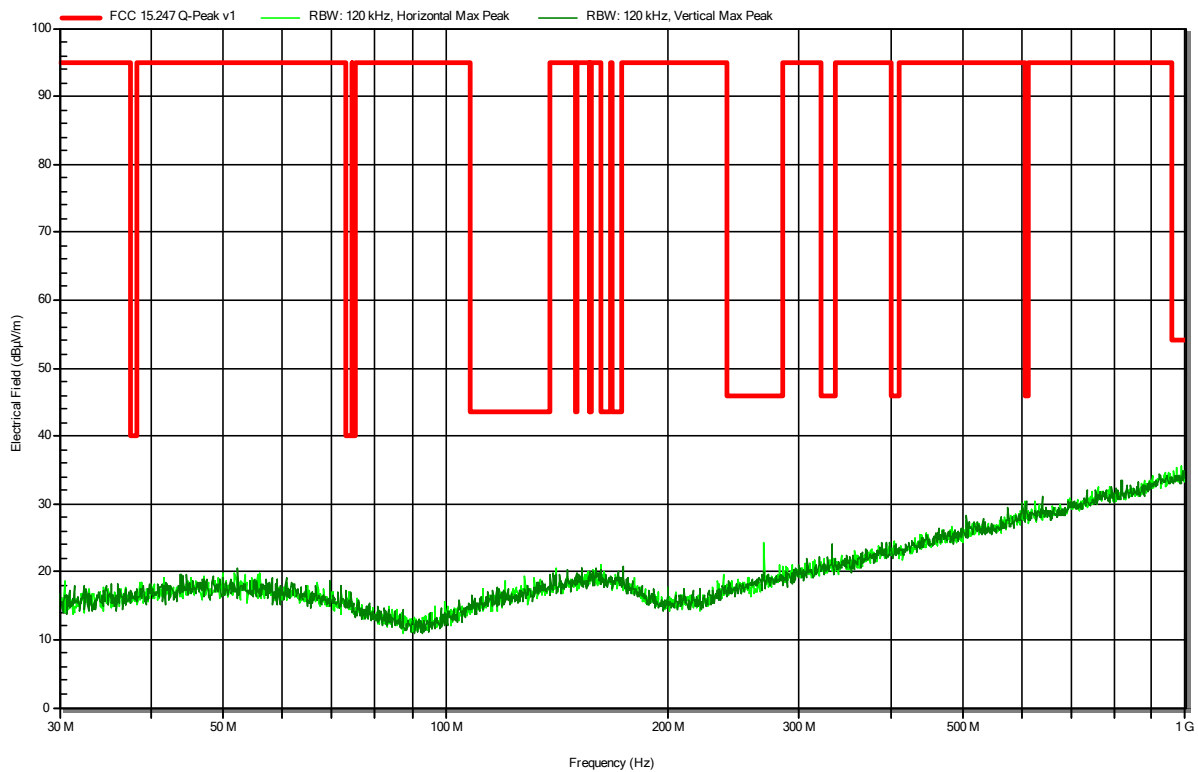


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: A.Ibraimov
 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: Tx; IEEE 802.11a, 5320 MHz, OFDM, 6Mbps
 Test Date: 2023-08-29

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RadiMation

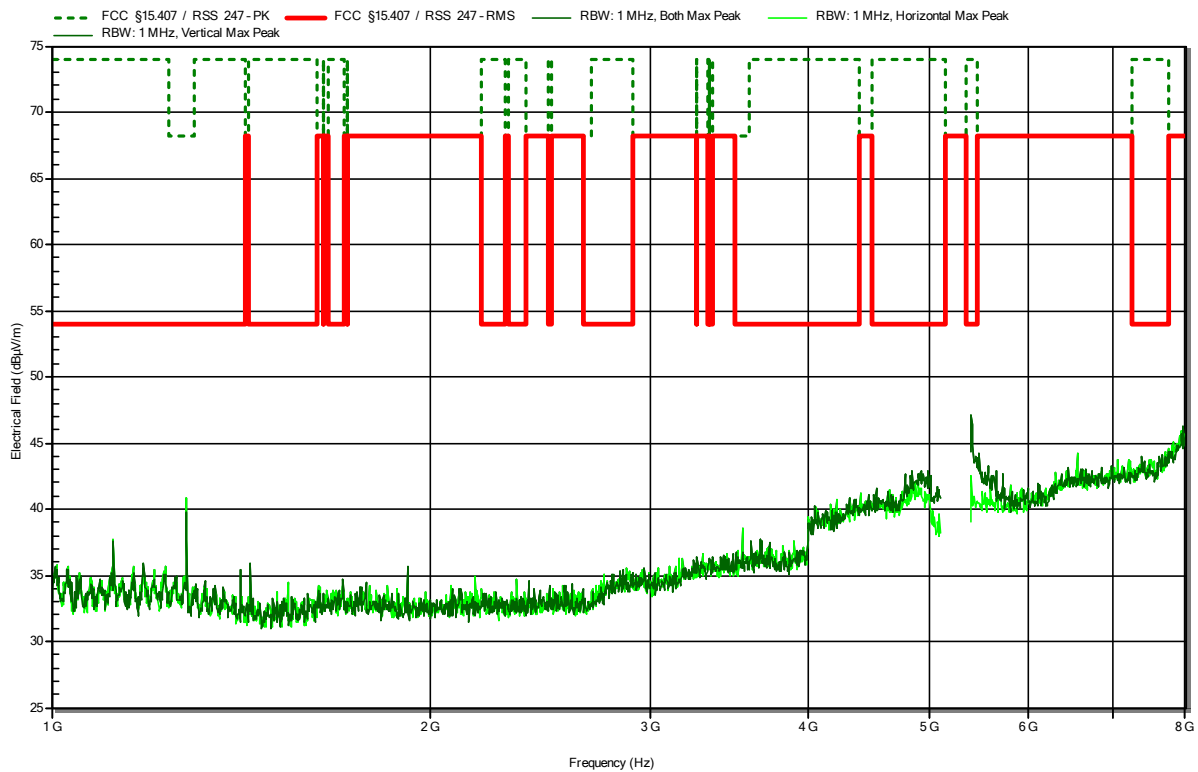


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11a, 5320 MHz, 6Mbps, OFDM
 Test Date: 2023-09-18

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RadiMation

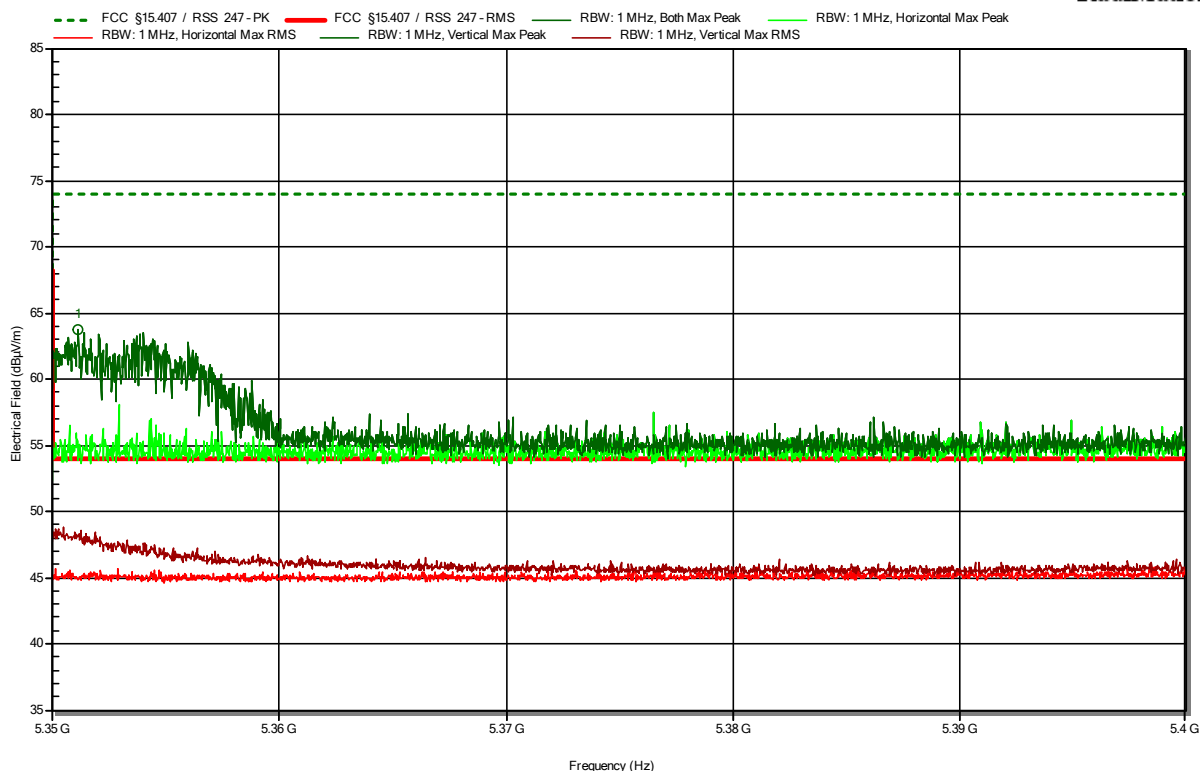


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ibraimov Azamat
 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 802.11a, 5320 MHz, 6Mbps, OFDM
 Test Date: 2023-09-18
 Note: Upper band area

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RadiMation



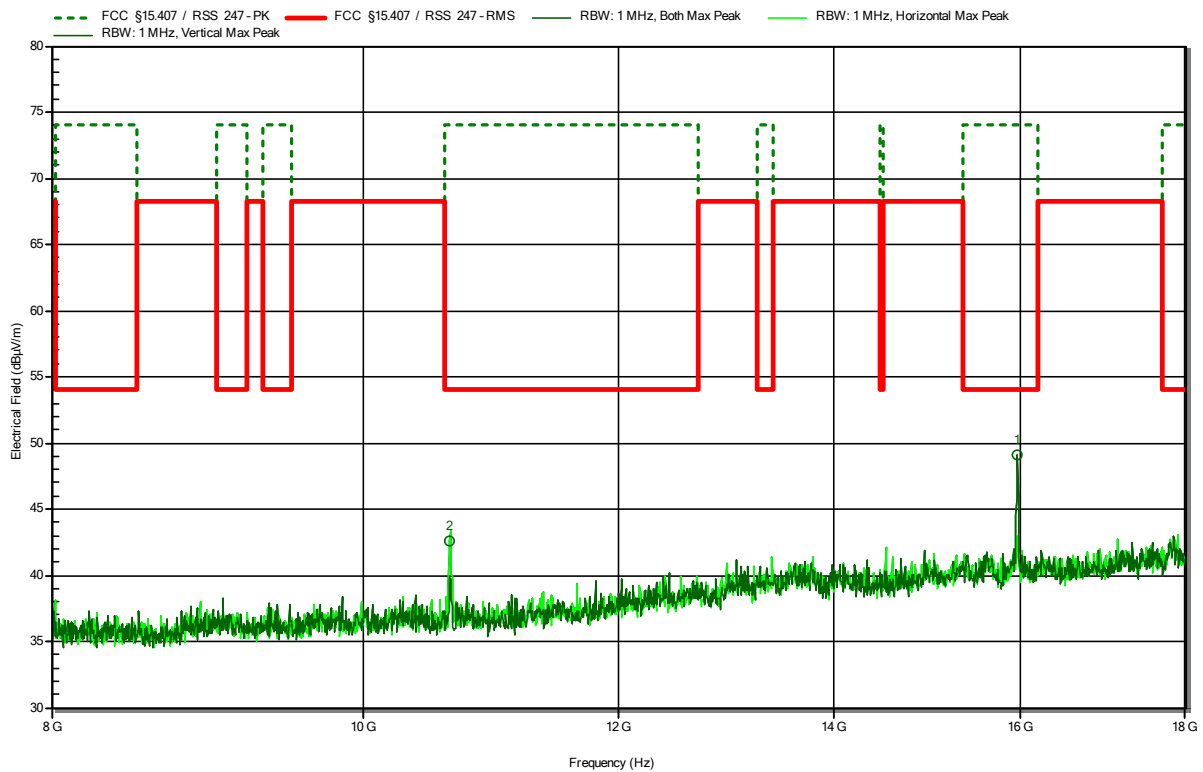
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.351 GHz	63.68 dBµV/m	74 dBµV/m	-10.32 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.351 GHz	48.15 dBµV/m	54 dBµV/m	-5.85 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11a, 5320MHz, 6Mbps, OFDM
 Test Date: 2023-09-29

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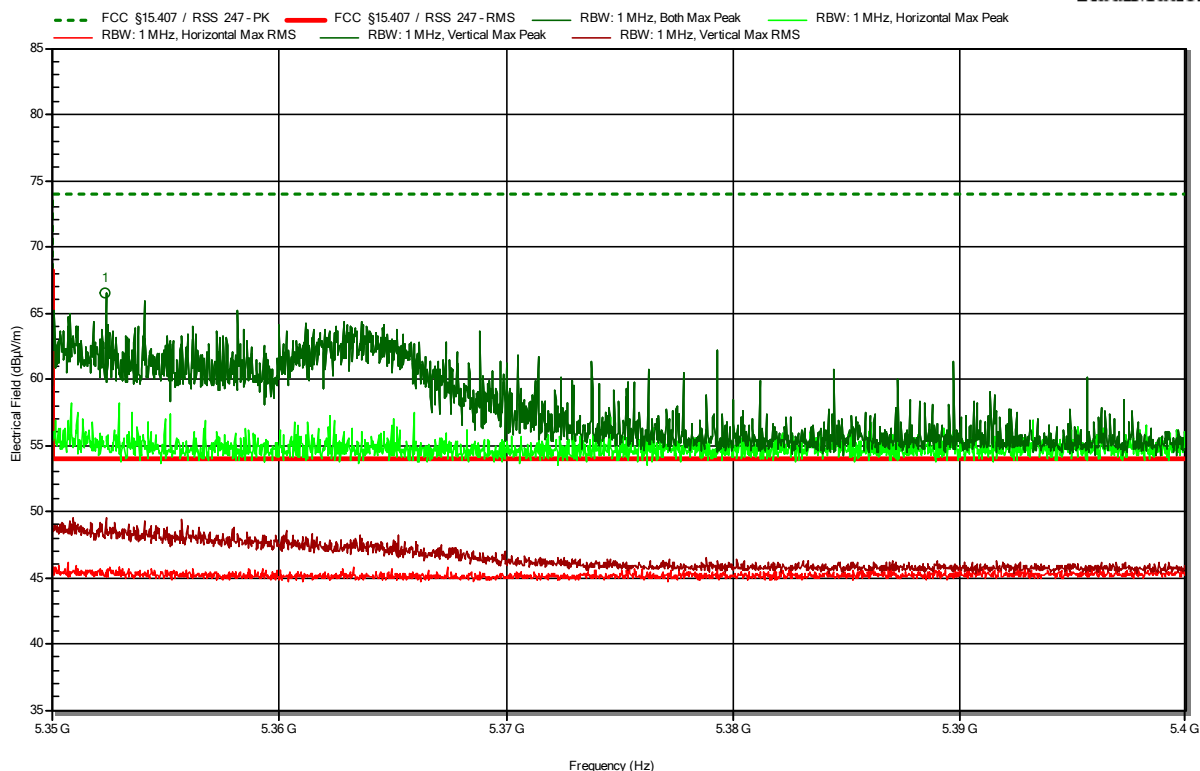
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
10.634 GHz	42.59 dBμV/m	74 dBμV/m	-31.41 dB	Pass	Horizontal
15.961 GHz	49.07 dBμV/m	74 dBμV/m	-24.93 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5270 MHz, MCS 0, HT40
 Test Date: 2023-09-28
 Note: upper band area

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RadiMation



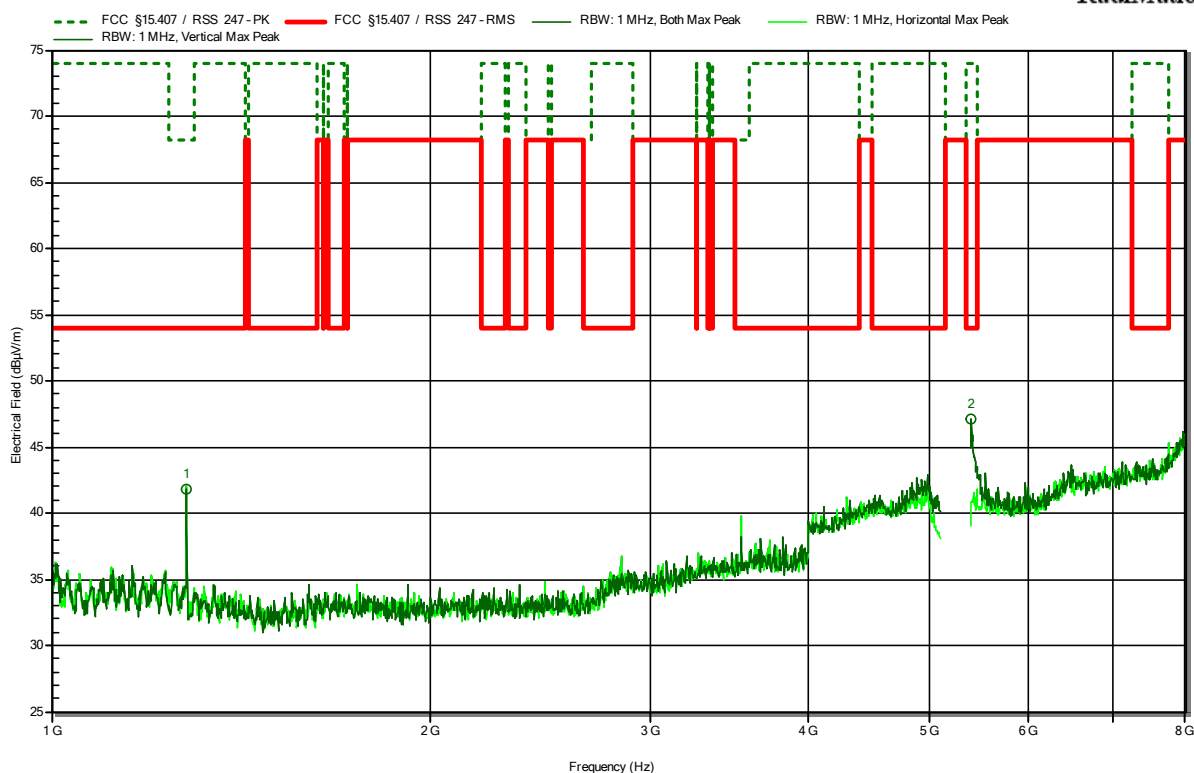
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.352 GHz	66.48 dBµV/m	74 dBµV/m	-7.52 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.352 GHz	49.53 dBµV/m	54 dBµV/m	-4.47 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5310MHz, MCS 0, HT40
 Test Date: 2023-09-28

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RadiMation



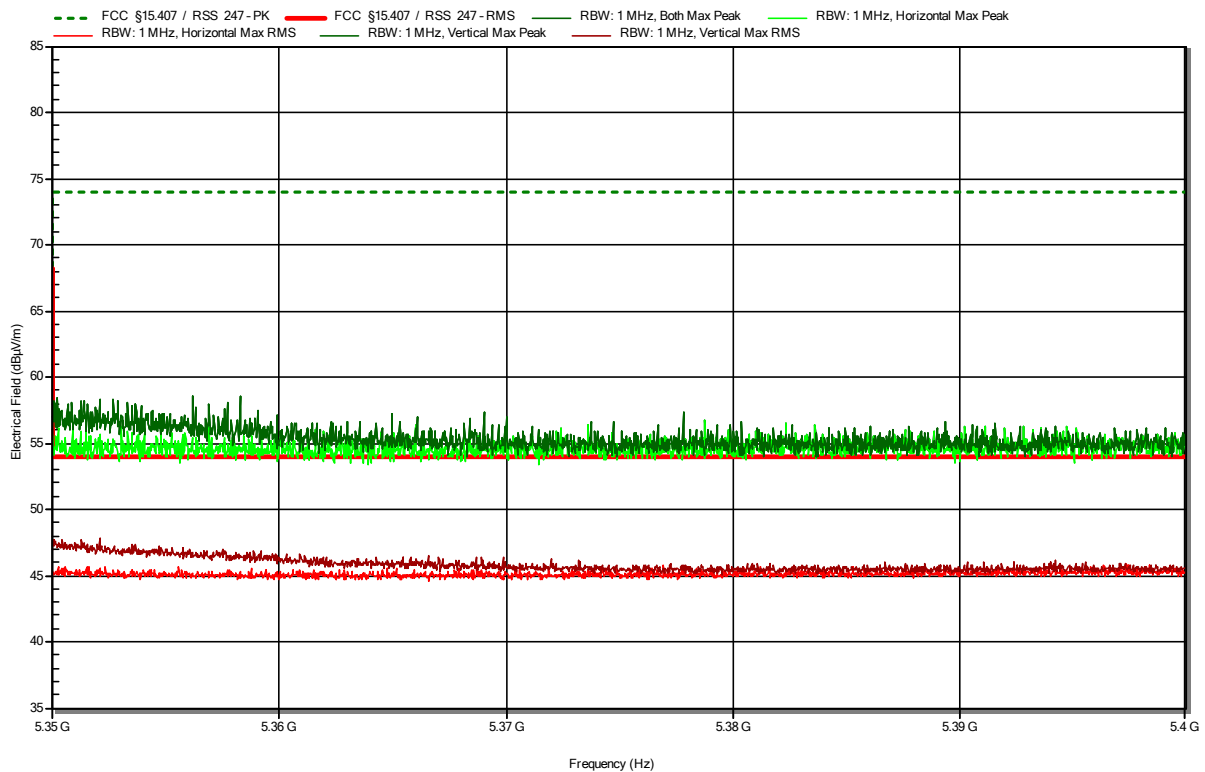
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.28 GHz	41.77 dBµV/m	68.2 dBµV/m	-26.43 dB	Pass	Vertical
5.402 GHz	47.13 dBµV/m	74 dBµV/m	-26.87 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5310MHz, MCS 0, HT40
 Test Date: 2023-09-28
 Note: upper band area

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RadiMation

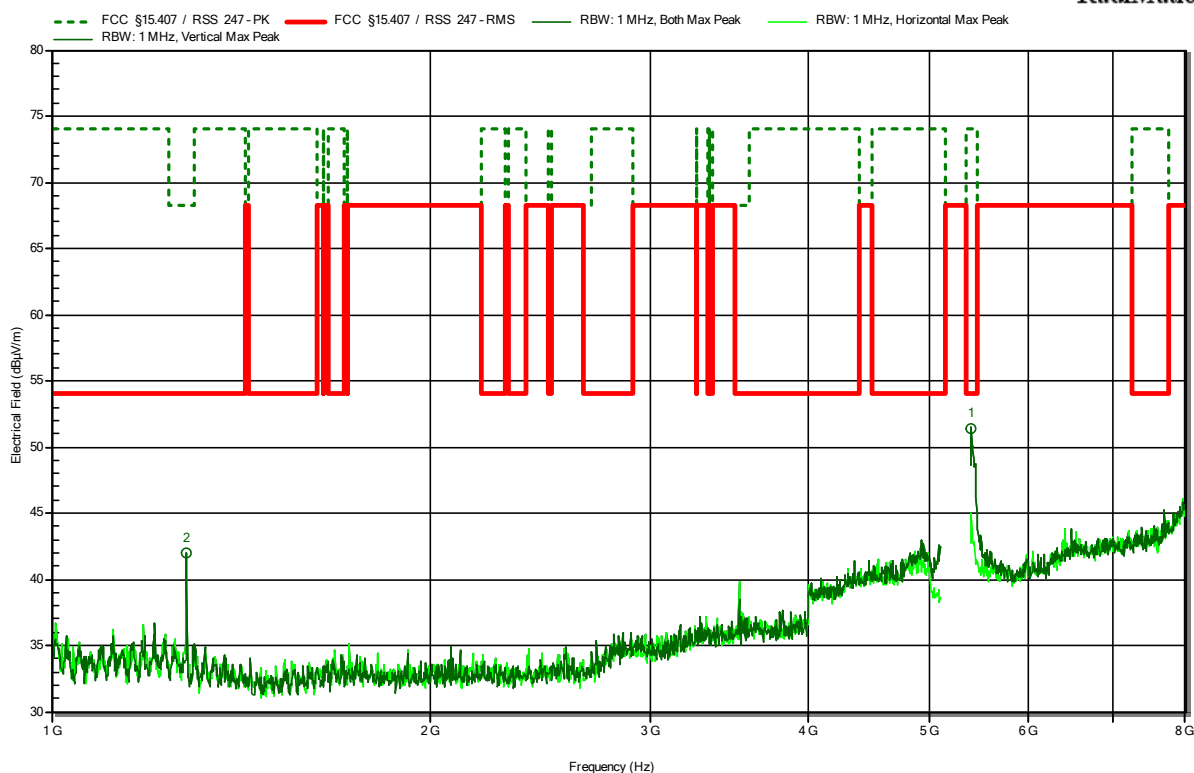


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5290MHz, MCS 0, VHT80
 Test Date: 2023-09-28

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RadiMation



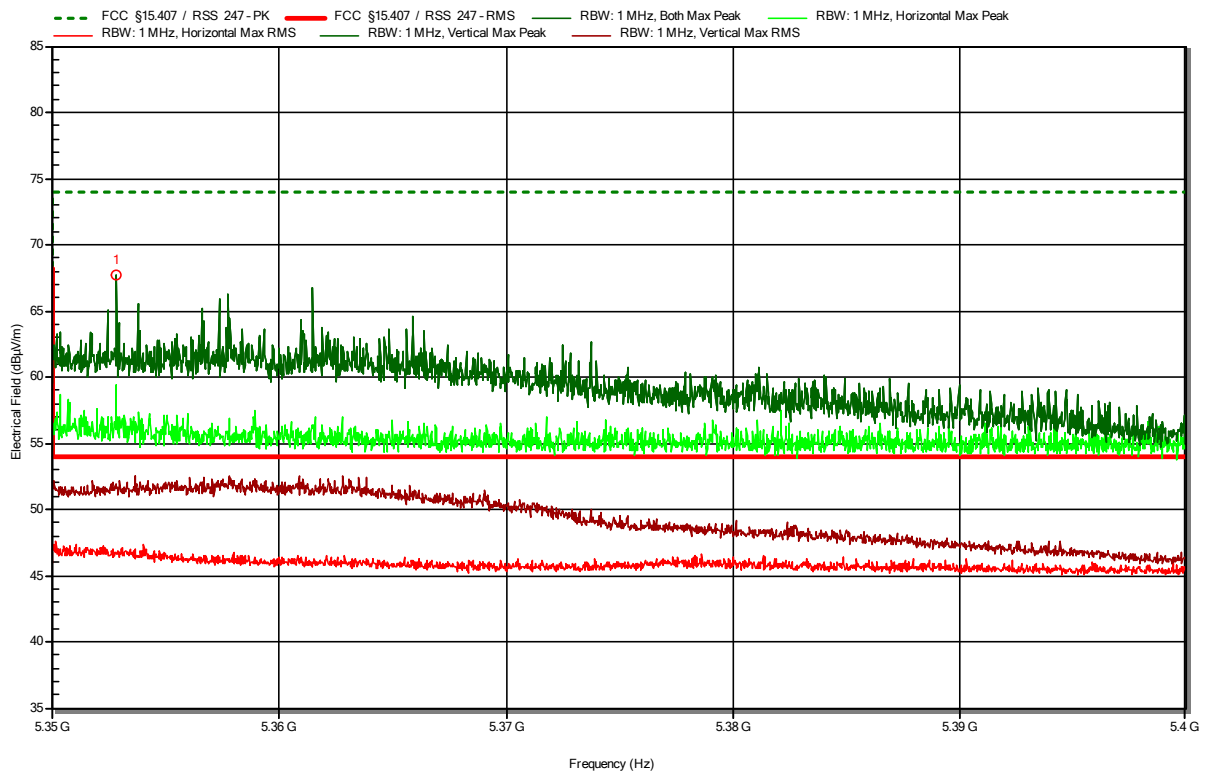
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.28 GHz	42.01 dBµV/m	68.2 dBµV/m	-26.19 dB	Pass	Vertical
5.402 GHz	51.43 dBµV/m	74 dBµV/m	-22.57 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5290MHz, MCS 0, VHT80
 Test Date: 2023-09-28
 Note: upper band area

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RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.353 GHz	67.7 dBµV/m	74 dBµV/m	-6.3 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.353 GHz	51.24 dBµV/m	54 dBµV/m	-2.76 dB	Pass	Vertical

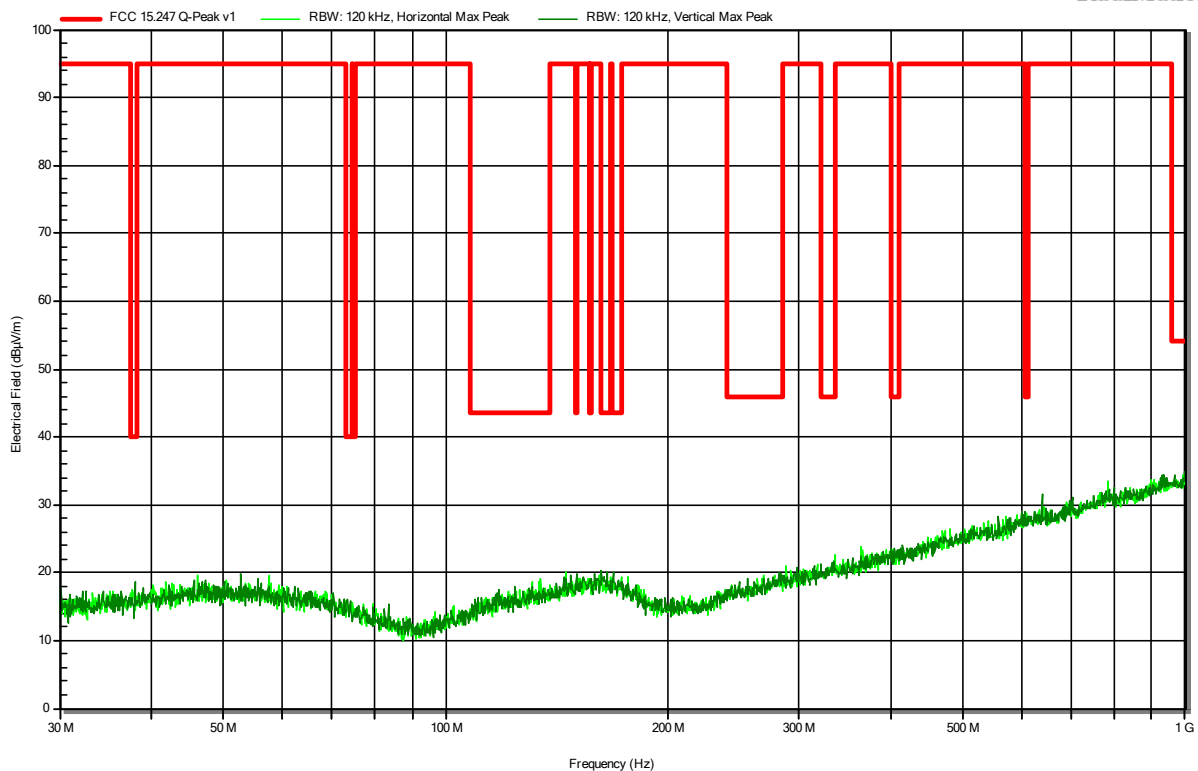
U-NII-2C

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: A.Ibraimov
 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: Tx; IEEE 802.11ac, 5500 MHz, OFDM, 6Mbps,
 Test Date: 2023-08-30

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RadiMation

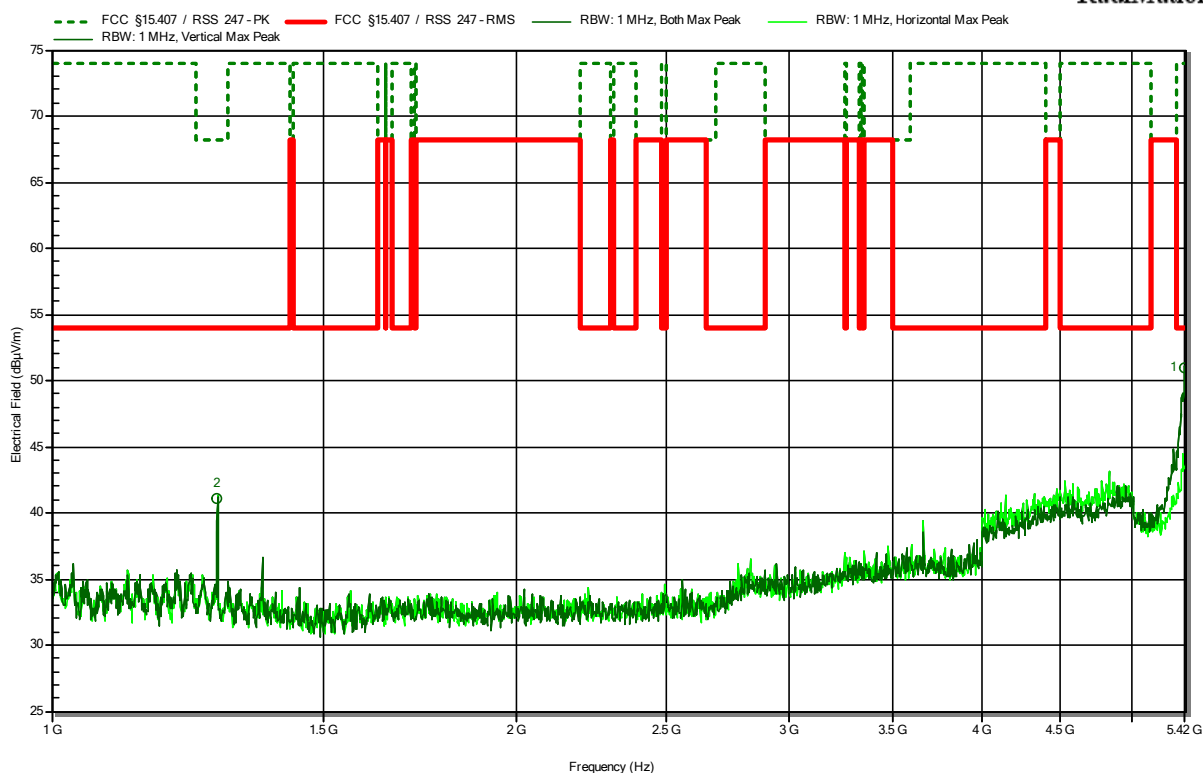


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5500 MHz, OFDM, 6Mbps
 Test Date: 2023-09-28

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RadiMation



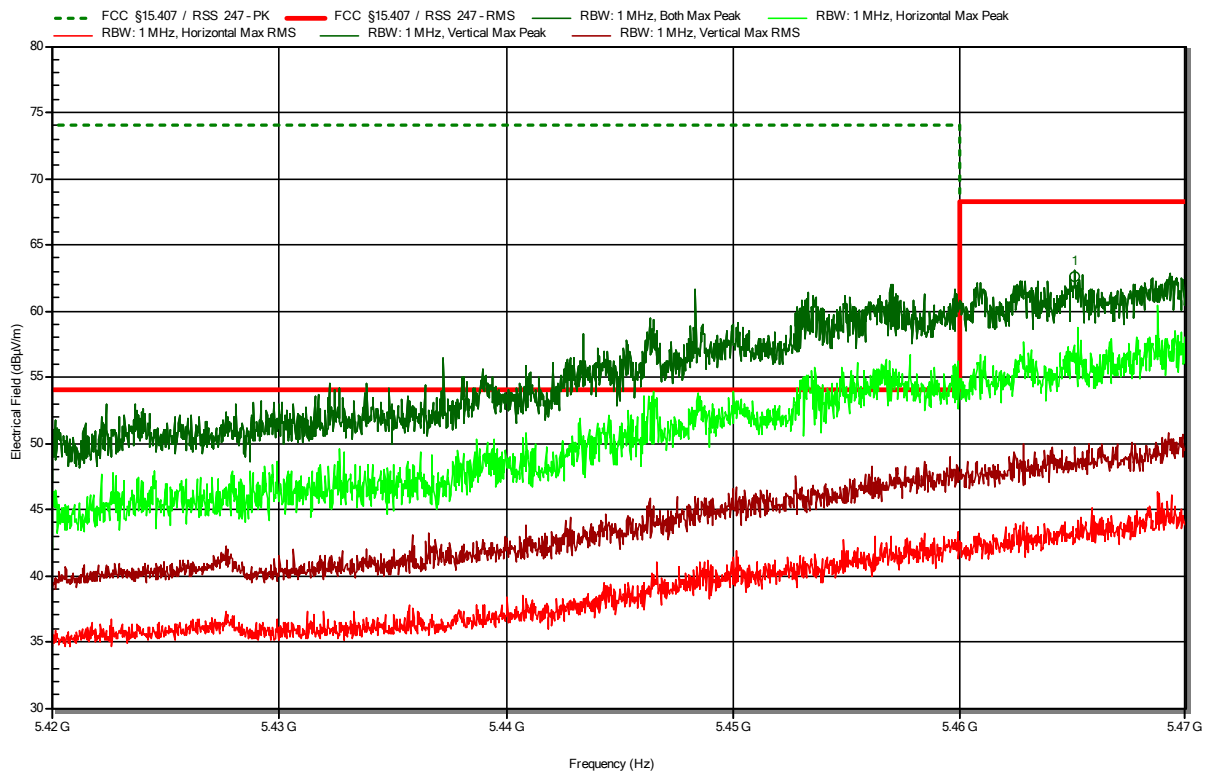
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.28 GHz	41.05 dBµV/m	68.2 dBµV/m	-27.15 dB	Pass	Vertical
5.411 GHz	50.98 dBµV/m	74 dBµV/m	-23.02 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5500 MHz, OFDM, 6Mbps
 Test Date: 2023-09-28
 Note: lower band area

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RadiMation



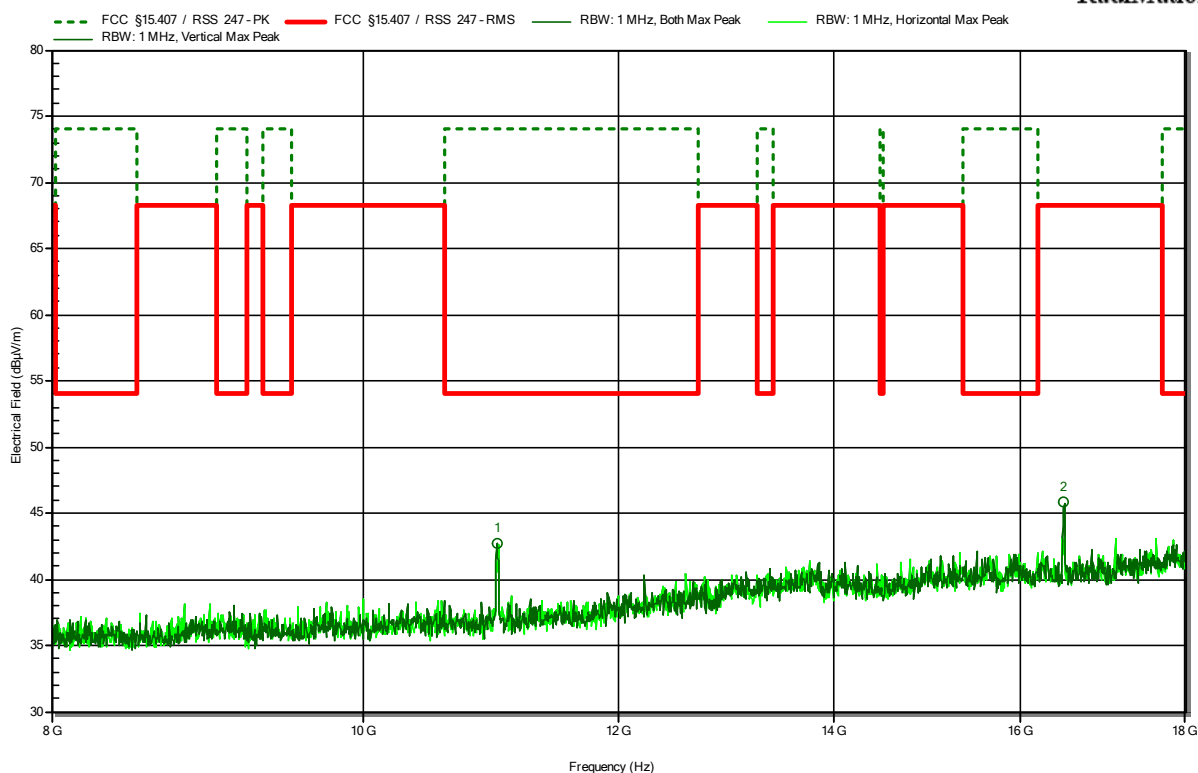
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.465 GHz	62.64 dBµV/m	68.2 dBµV/m	-5.56 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.465 GHz	49.72 dBµV/m	68.2 dBµV/m	-18.48 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11a, 5500 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29

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RadiMation



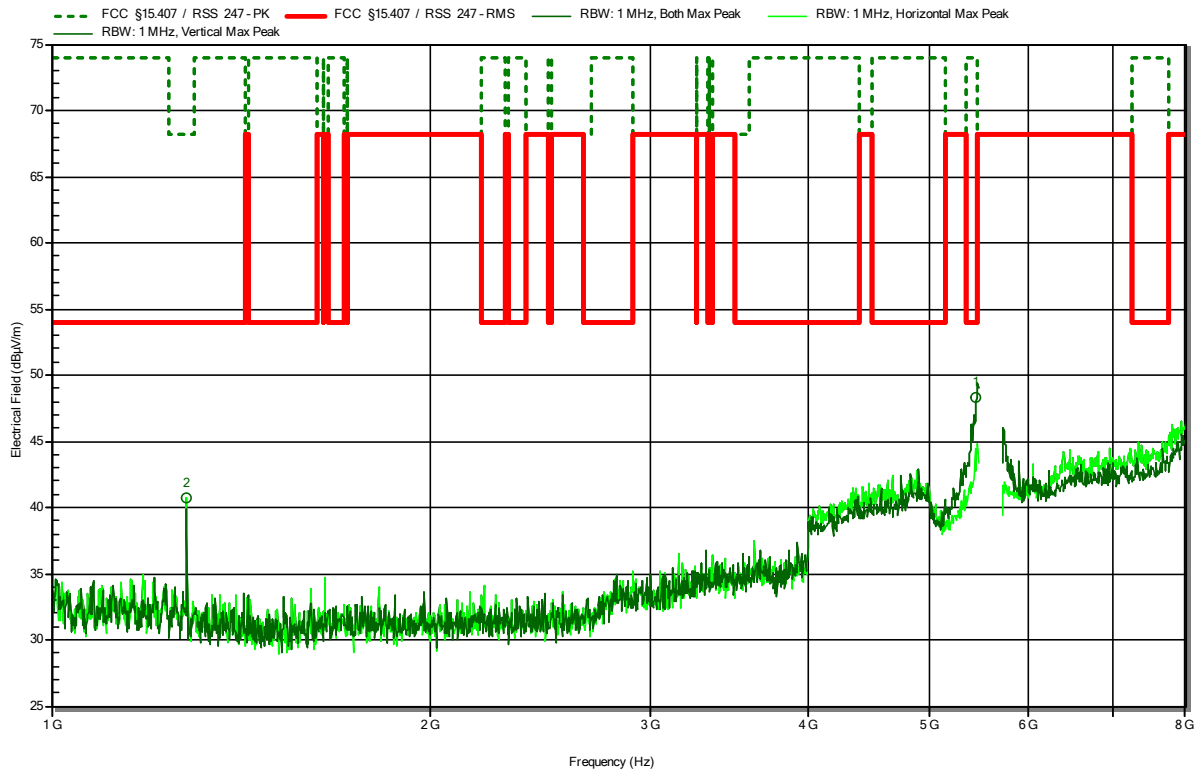
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
11 GHz	42.66 dBμV/m	74 dBμV/m	-31.34 dB	Pass	Vertical
16.501 GHz	45.79 dBμV/m	68.2 dBμV/m	-22.41 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5580 MHz, OFDM, 6Mbps
 Test Date: 2023-09-28

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RadiMation



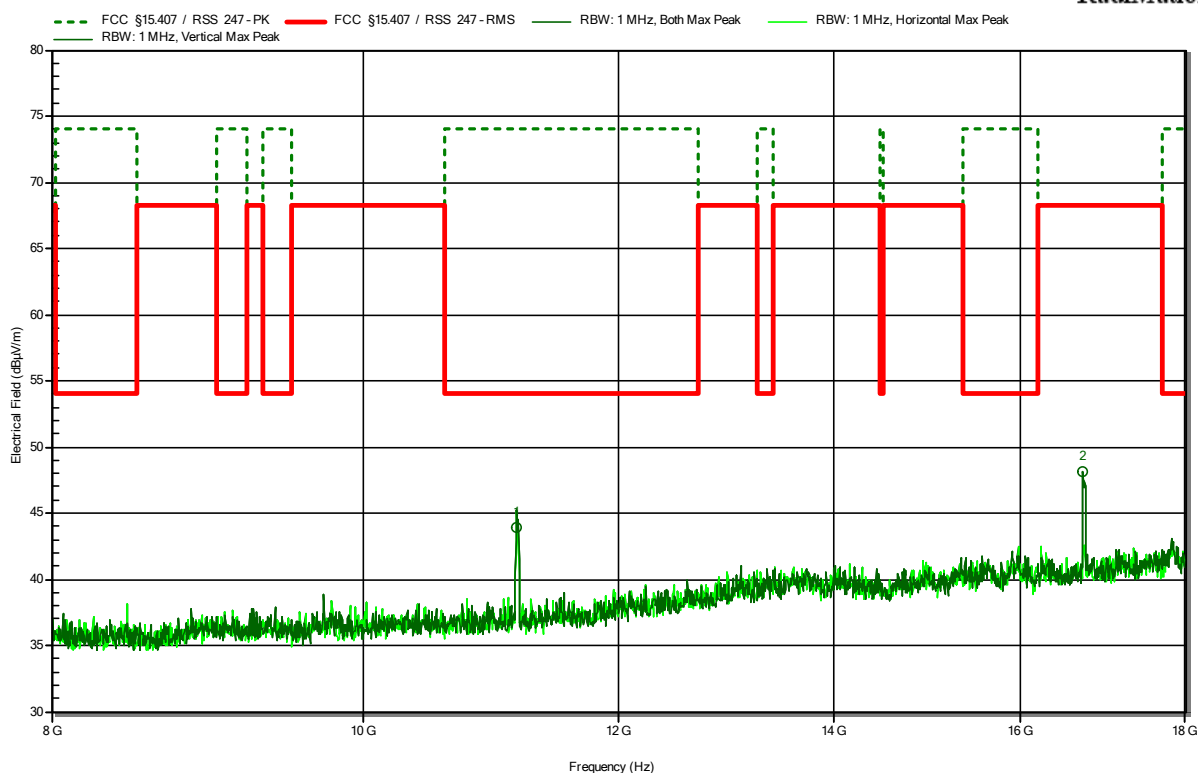
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.28 GHz	40.76 dBμV/m	68.2 dBμV/m	-27.44 dB	Pass	Horizontal
5.453 GHz	48.35 dBμV/m	74 dBμV/m	-25.65 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11a, 5580 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29

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RadiMation



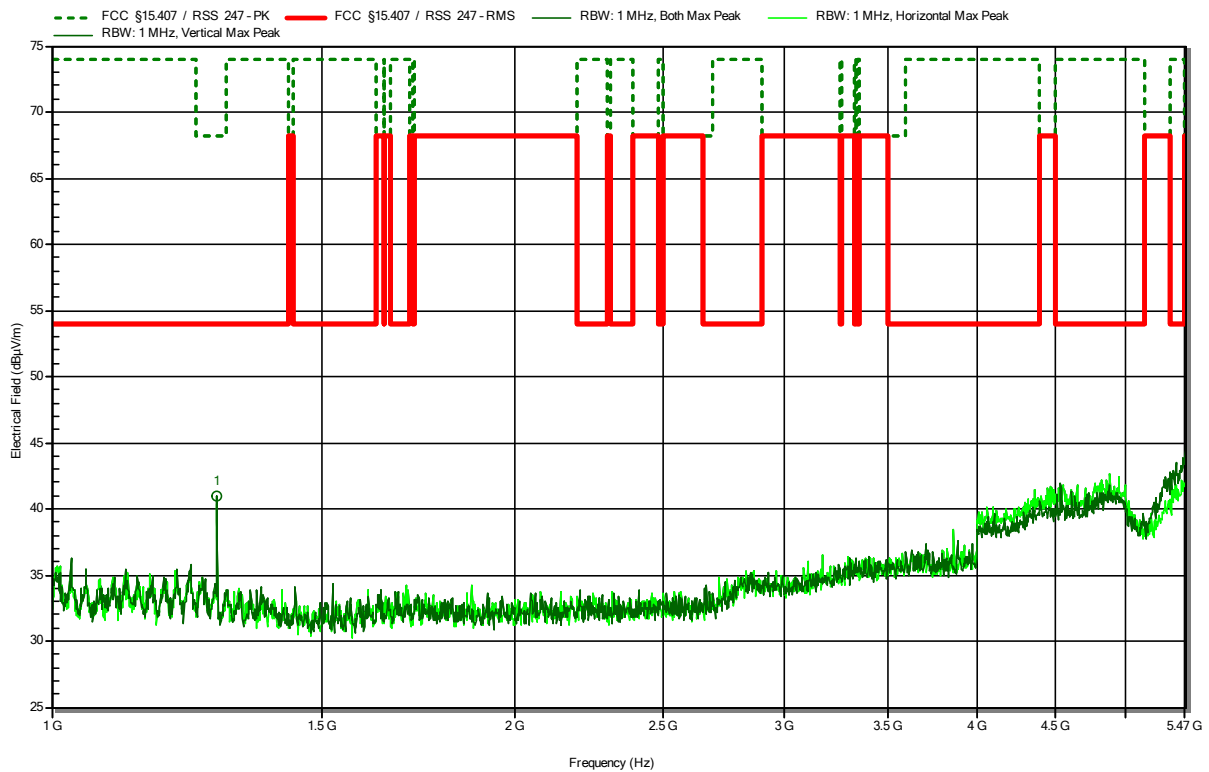
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
11.161 GHz	43.96 dBμV/m	74 dBμV/m	-30.04 dB	Pass	Vertical
16.73 GHz	48.1 dBμV/m	68.2 dBμV/m	-20.1 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5700 MHz, OFDM, 6Mbps
 Test Date: 2023-09-28

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RadiMation



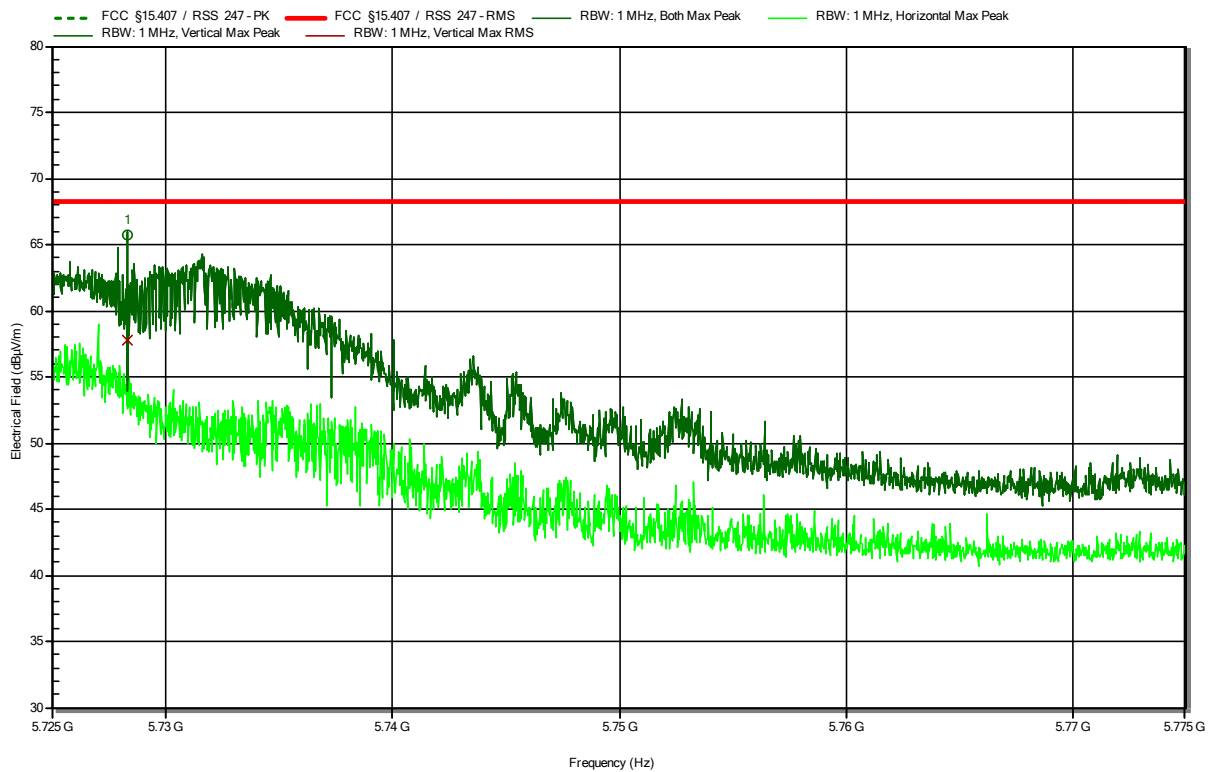
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.28 GHz	40.93 dBμV/m	68.2 dBμV/m	-27.27 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5700 MHz, OFDM, 6Mbps
 Test Date: 2023-09-28
 Note: upper band area

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Frequency 5.728 GHz	Peak 65.75 dBµV/m	Peak Limit 68.2 dBµV/m	Peak Difference -2.45 dB	Peak Status Pass	Polarization Vertical
Frequency 5.728 GHz	RMS 57.76 dBµV/m	RMS Limit 68.2 dBµV/m	RMS Difference -10.44 dB	RMS Status Pass	Polarization Vertical

Test Report No.: G0M-2302-1881-TFC407WF-W260-V03

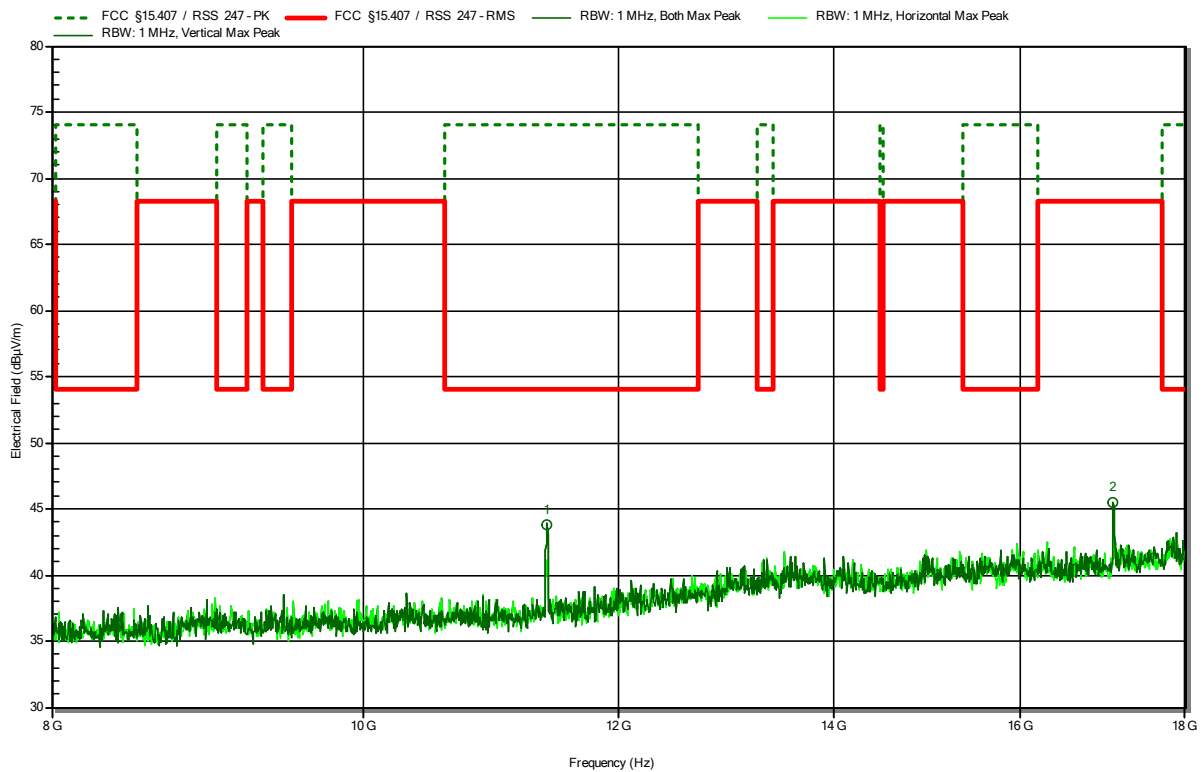
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11a, 5700 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29

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RadiMation



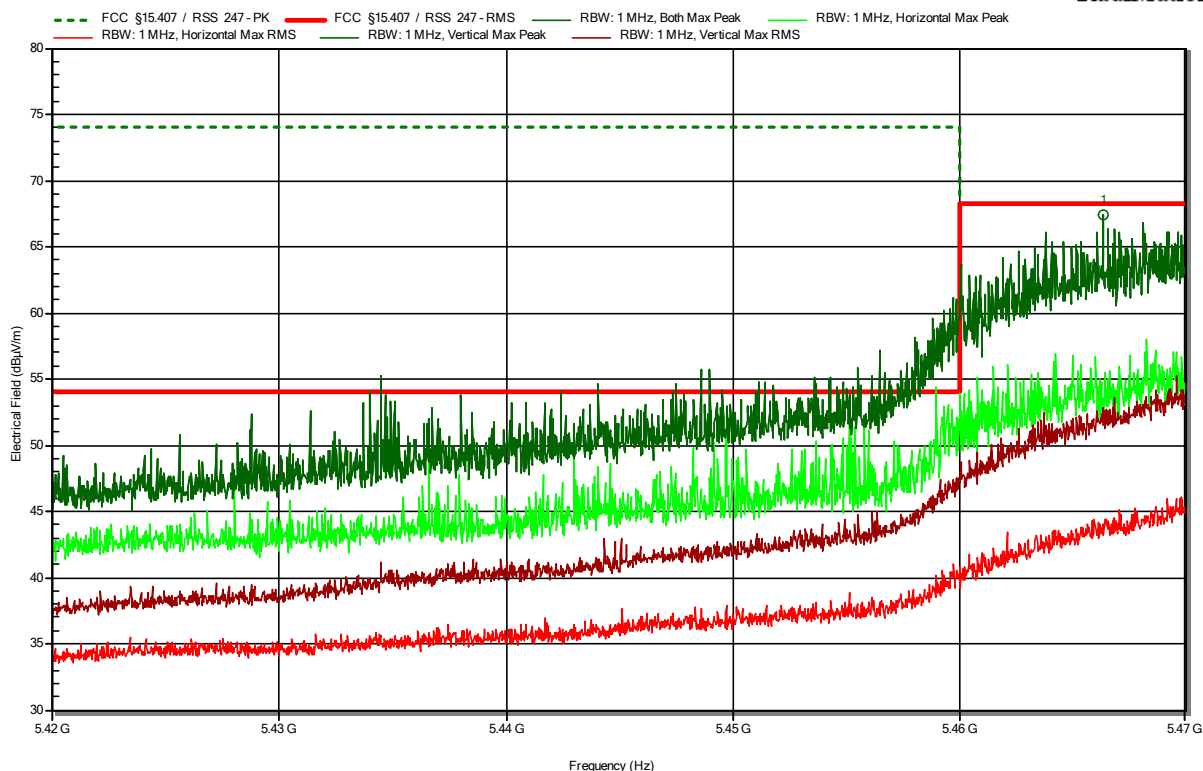
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
11.4 GHz	43.85 dBμV/m	74 dBμV/m	-30.15 dB	Pass	Vertical
17.093 GHz	45.44 dBμV/m	68.2 dBμV/m	-22.76 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5510 MHz, HT40, MCS0
 Test Date: 2023-09-28
 Note: lower band area

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Frequency 5.466 GHz	Peak 67.36 dBμV/m	Peak Limit 68.2 dBμV/m	Peak Difference -0.84 dB	Peak Status Pass	Polarization Vertical
Frequency 5.466 GHz	RMS 52.81 dBμV/m	RMS Limit 68.2 dBμV/m	RMS Difference -15.39 dB	RMS Status Pass	Polarization Vertical

Test Report No.: G0M-2302-1881-TFC407WF-W260-V03

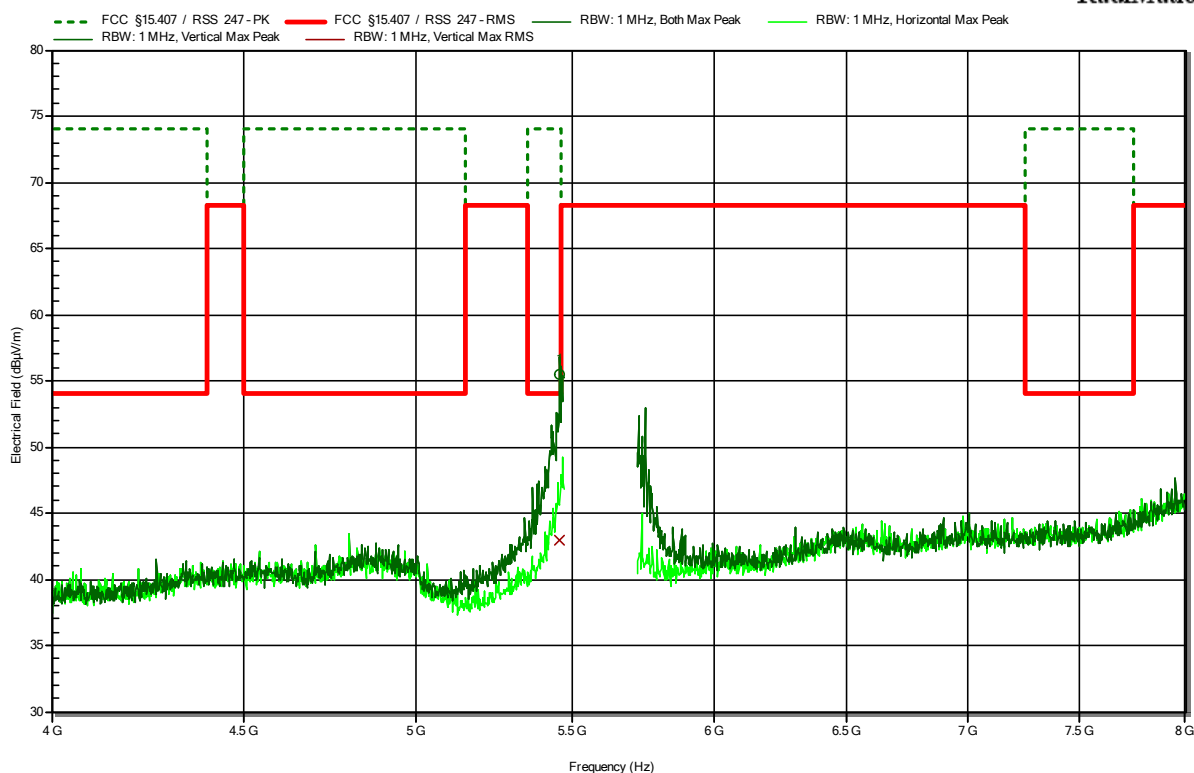
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5590 MHz, HT40, MCS0
 Test Date: 2023-09-28

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RadiMation



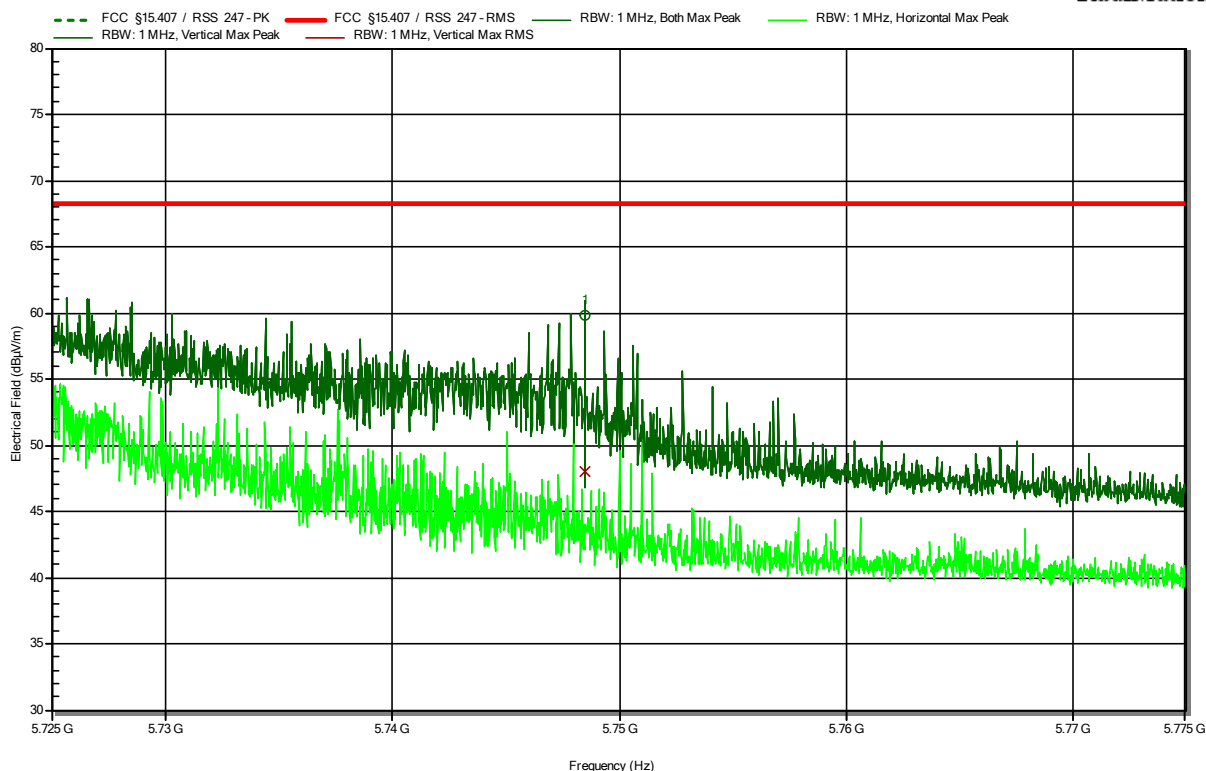
Frequency 5.459 GHz	Peak 55.46 dBμV/m	Peak Limit 74 dBμV/m	Peak Difference -18.54 dB	Peak Status Pass	Polarization Vertical
Frequency 5.459 GHz	RMS 42.96 dBμV/m	RMS Limit 54 dBμV/m	RMS Difference -11.04 dB	RMS Status Pass	Polarization Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5670 MHz, HT40, MCS0
 Test Date: 2023-09-28
 Note: upper band area

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RadiMation



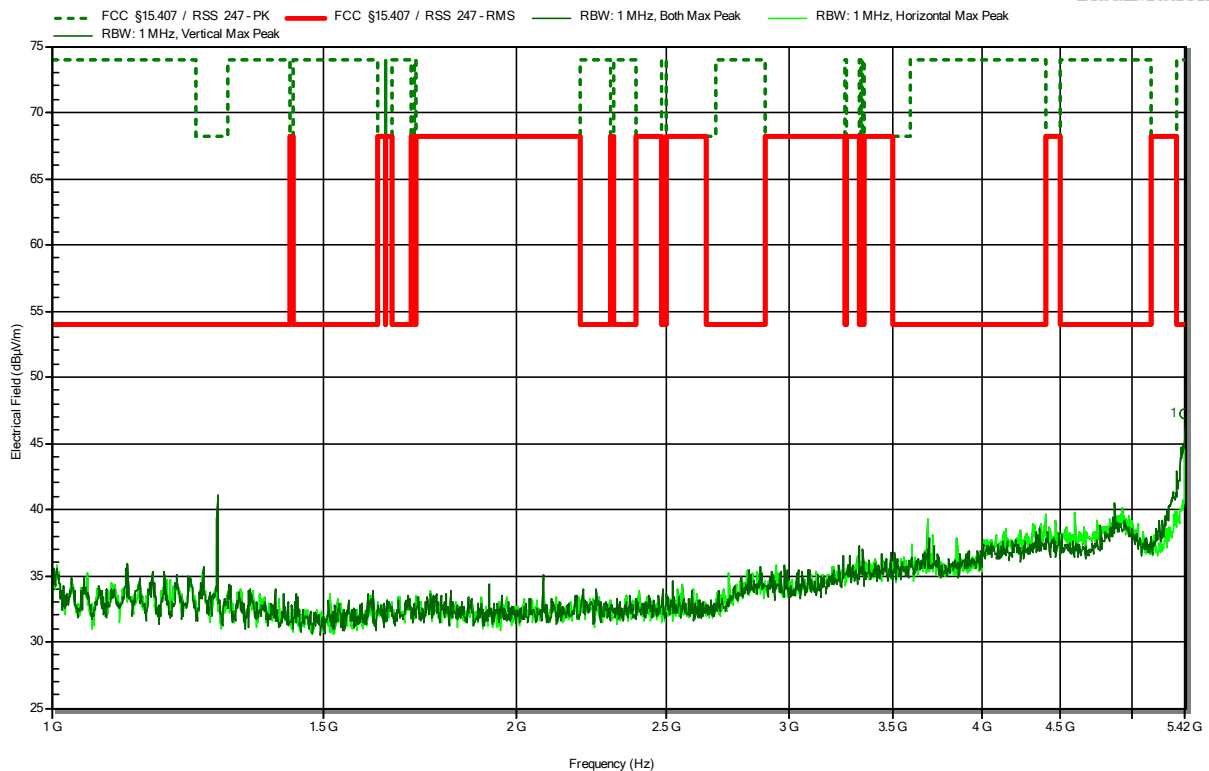
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.748 GHz	59.82 dBµV/m	68.2 dBµV/m	-8.38 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.748 GHz	47.98 dBµV/m	68.2 dBµV/m	-20.22 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5530 MHz, VHT80, MCS0
 Test Date: 2023-09-29

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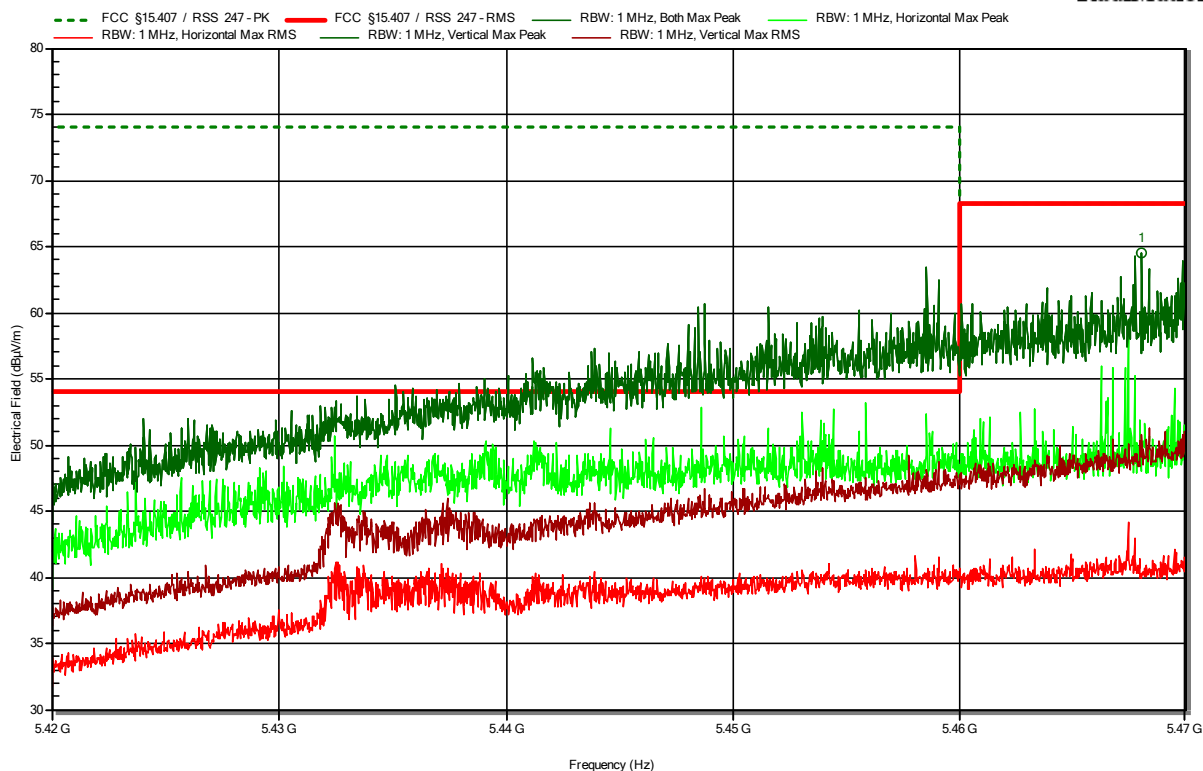
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.419 GHz	47.24 dBμV/m	74 dBμV/m	-26.76 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5530 MHz, VHT80, MCS0
 Test Date: 2023-09-29
 Note: lower band area

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RadiMation



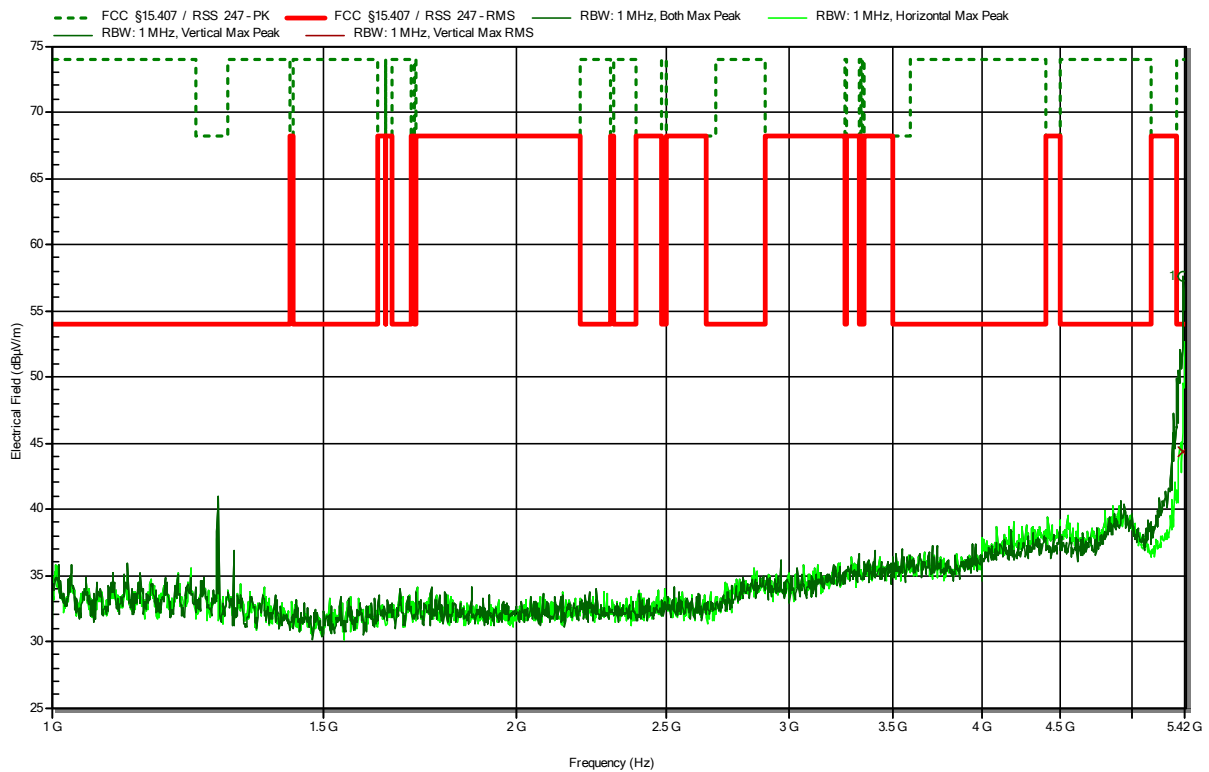
Frequency 5.468 GHz	Peak 64.58 dBµV/m	Peak Limit 68.2 dBµV/m	Peak Difference -3.62 dB	Peak Status Pass	Polarization Vertical
Frequency 5.468 GHz	RMS 50.78 dBµV/m	RMS Limit 68.2 dBµV/m	RMS Difference -17.42 dB	RMS Status Pass	Polarization Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5610 MHz, VHT80, MCS0
 Test Date: 2023-09-29

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RadiMation



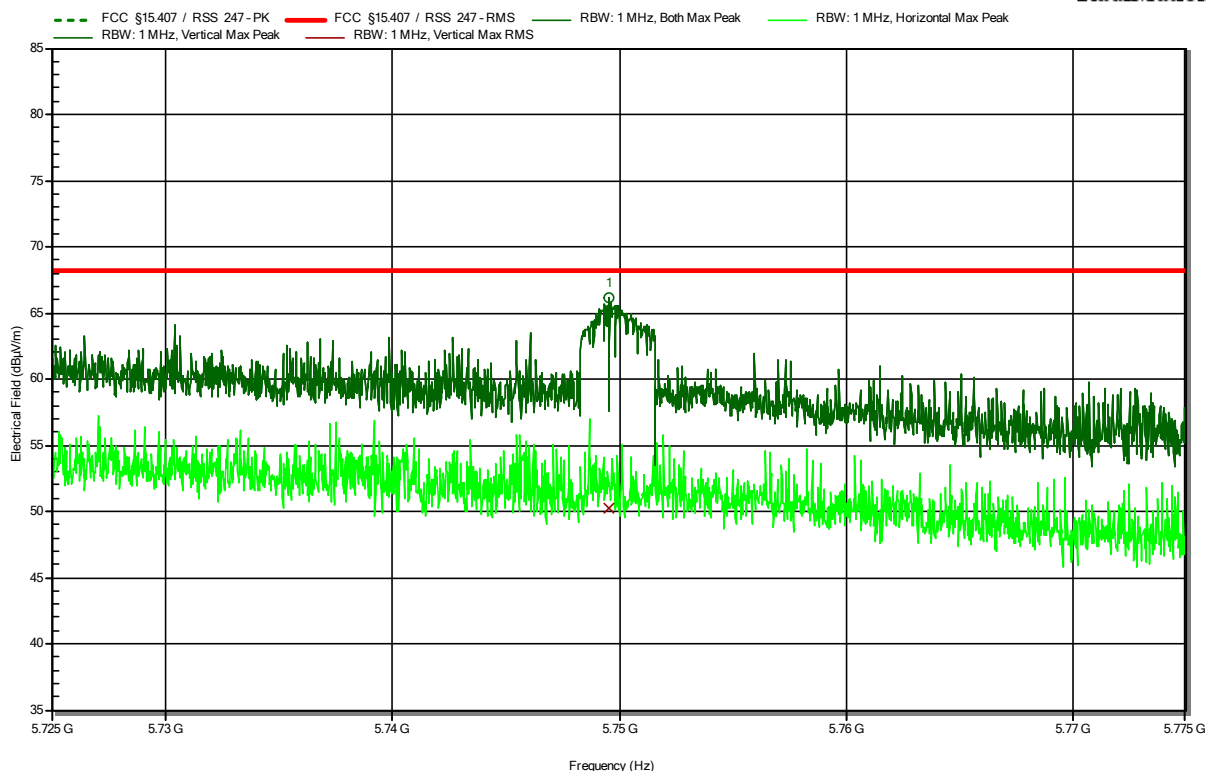
Frequency 5.406 GHz	Peak 57.57 dBμV/m	Peak Limit 74 dBμV/m	Peak Difference -16.43 dB	Peak Status Pass	Polarization Vertical
Frequency 5.406 GHz	RMS 44.32 dBμV/m	RMS Limit 54 dBμV/m	RMS Difference -9.68 dB	RMS Status Pass	Polarization Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5610 MHz, VHT80, MCS0
 Test Date: 2023-09-29
 Note: upper band area

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RadiMation



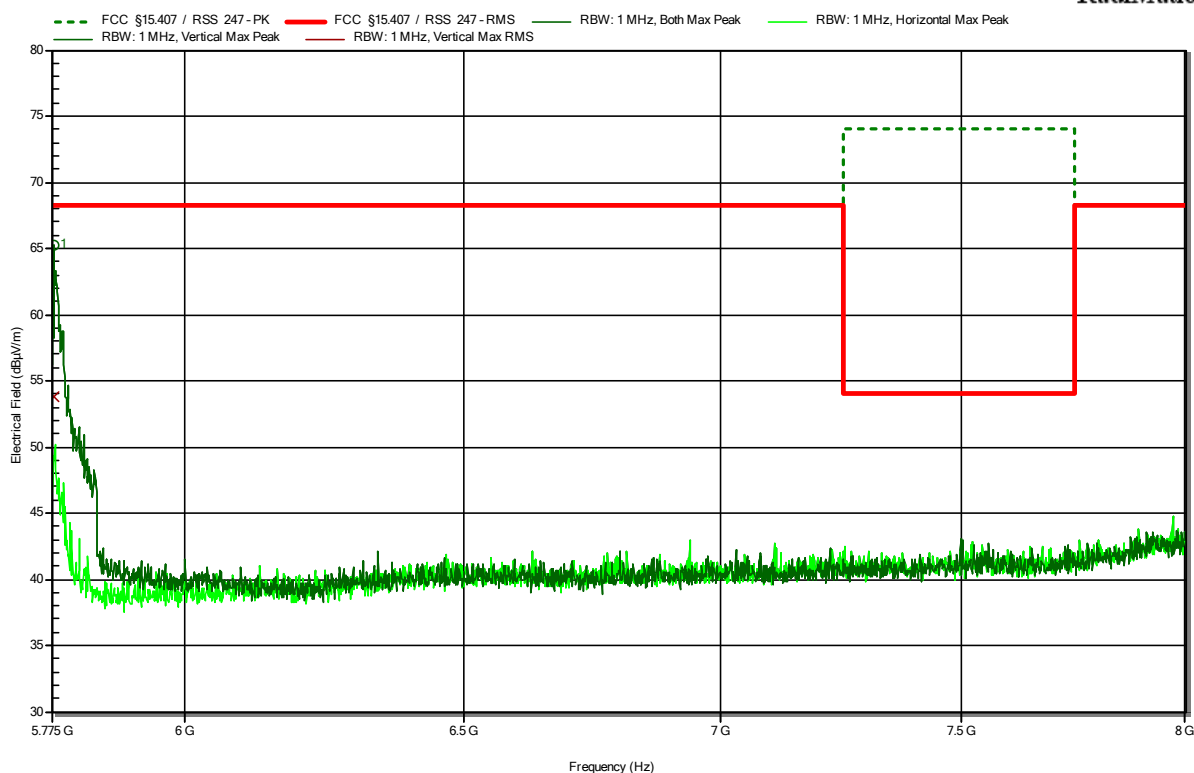
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.75 GHz	66.13 dBµV/m	68.2 dBµV/m	-2.07 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.75 GHz	50.26 dBµV/m	68.2 dBµV/m	-17.94 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5690 MHz, VHT80, MCS0
 Test Date: 2023-09-29

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Frequency 5.779 GHz	Peak 65.24 dBμV/m	Peak Limit 68.2 dBμV/m	Peak Difference -2.96 dB	Peak Status Pass	Polarization Vertical
Frequency 5.779 GHz	RMS 53.8 dBμV/m	RMS Limit 68.2 dBμV/m	RMS Difference -14.4 dB	RMS Status Pass	Polarization Vertical

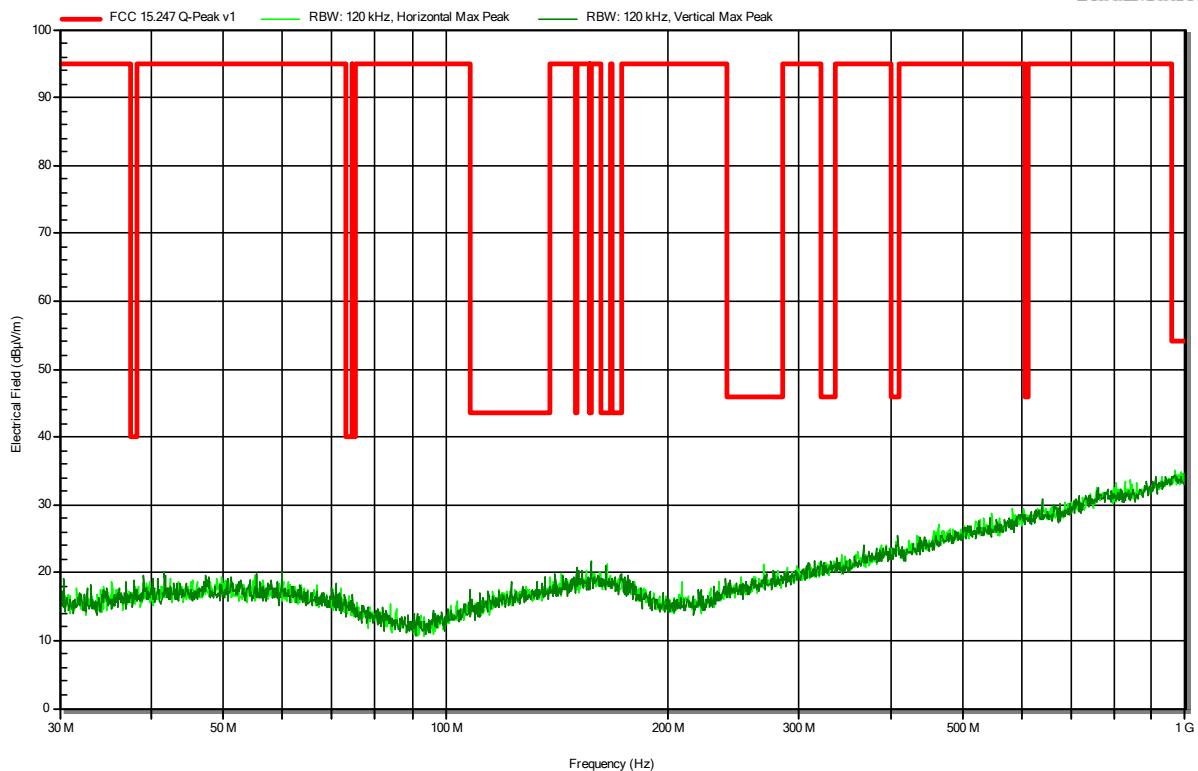
U-NII-3

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: A.Ibraimov
 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: Tx; IEEE 802.11a, 5745 MHz, OFDM, 6Mbps
 Test Date: 2023-08-30

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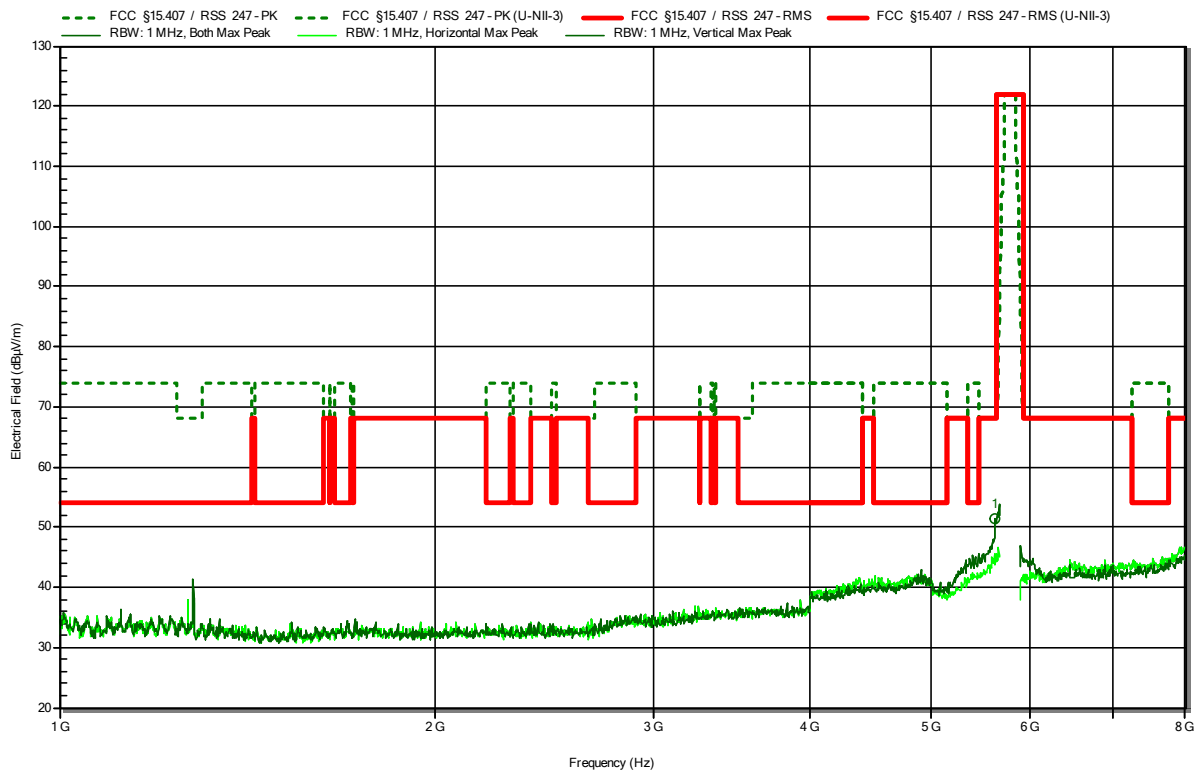


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5745 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29

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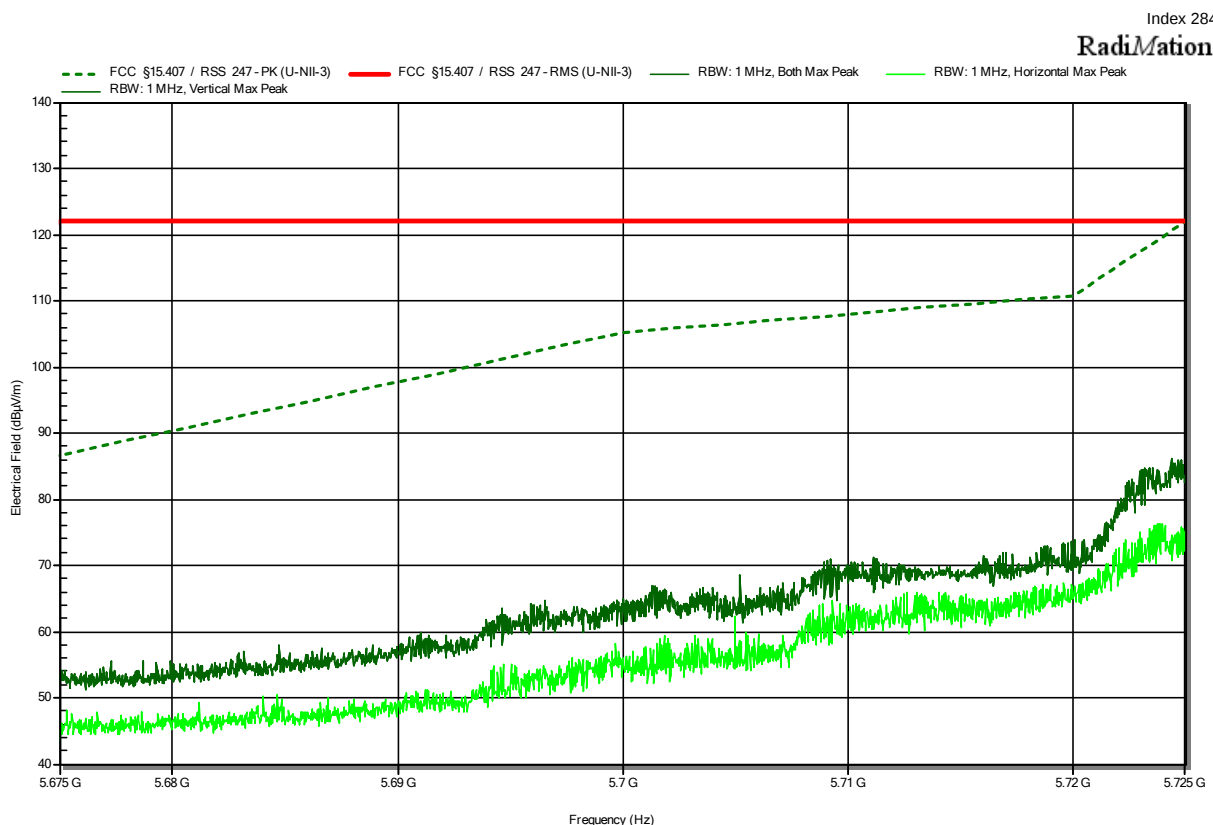
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.627 GHz	51.41 dBµV/m	68.2 dBµV/m	-16.79 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5745 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29
 Note: lower band area

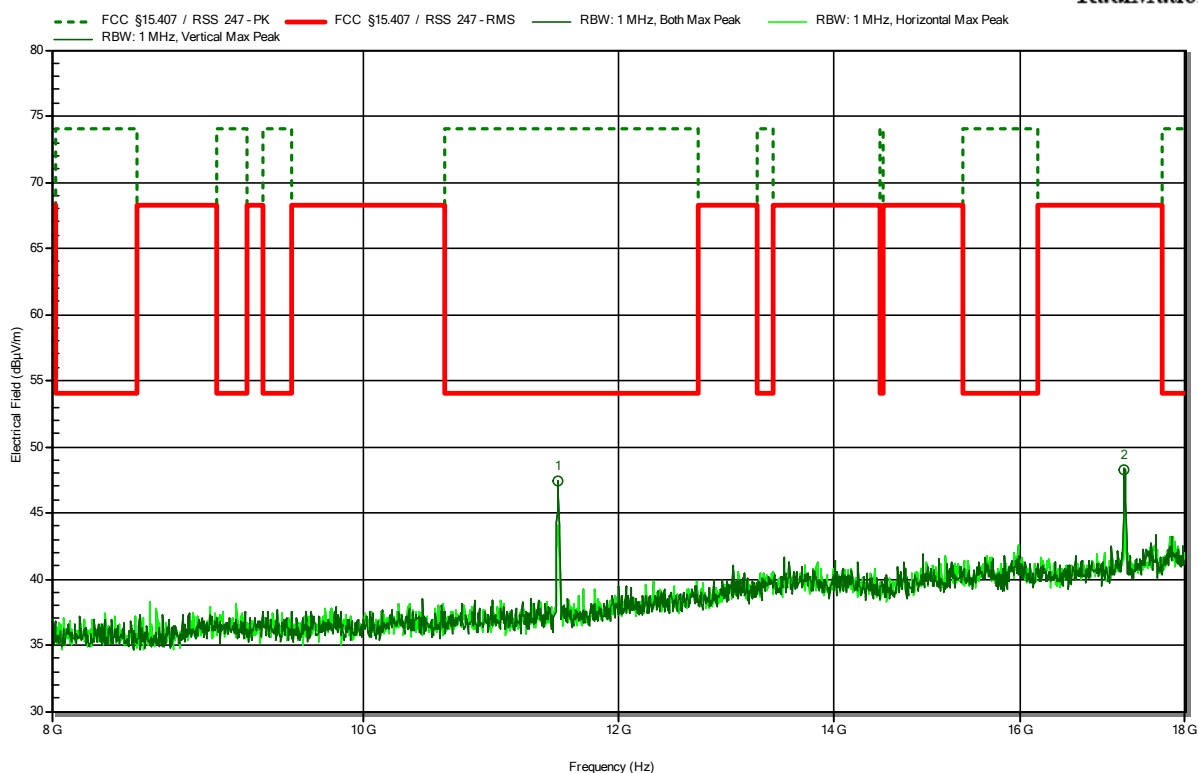


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11a, 5745 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29

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RadiMation



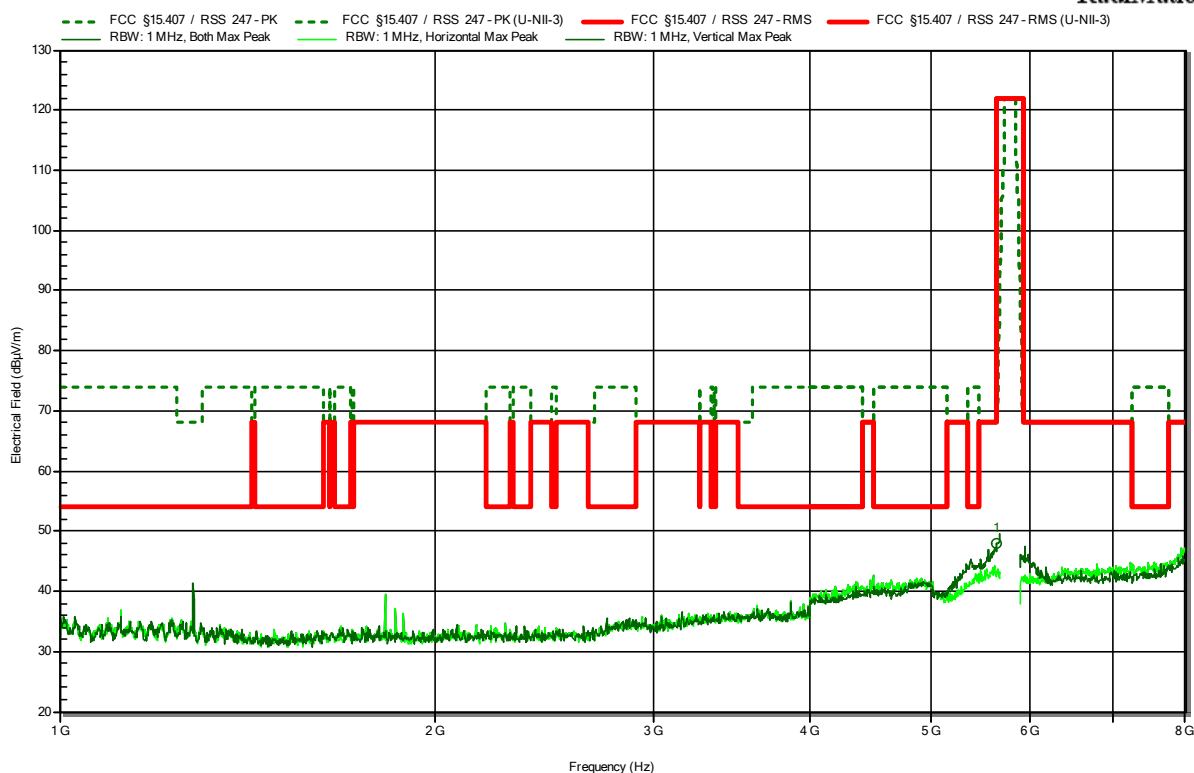
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
11.488 GHz	47.46 dBμV/m	74 dBμV/m	-26.54 dB	Pass	Vertical
17.232 GHz	48.31 dBμV/m	68.2 dBμV/m	-19.89 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5785 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29

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RadiMation



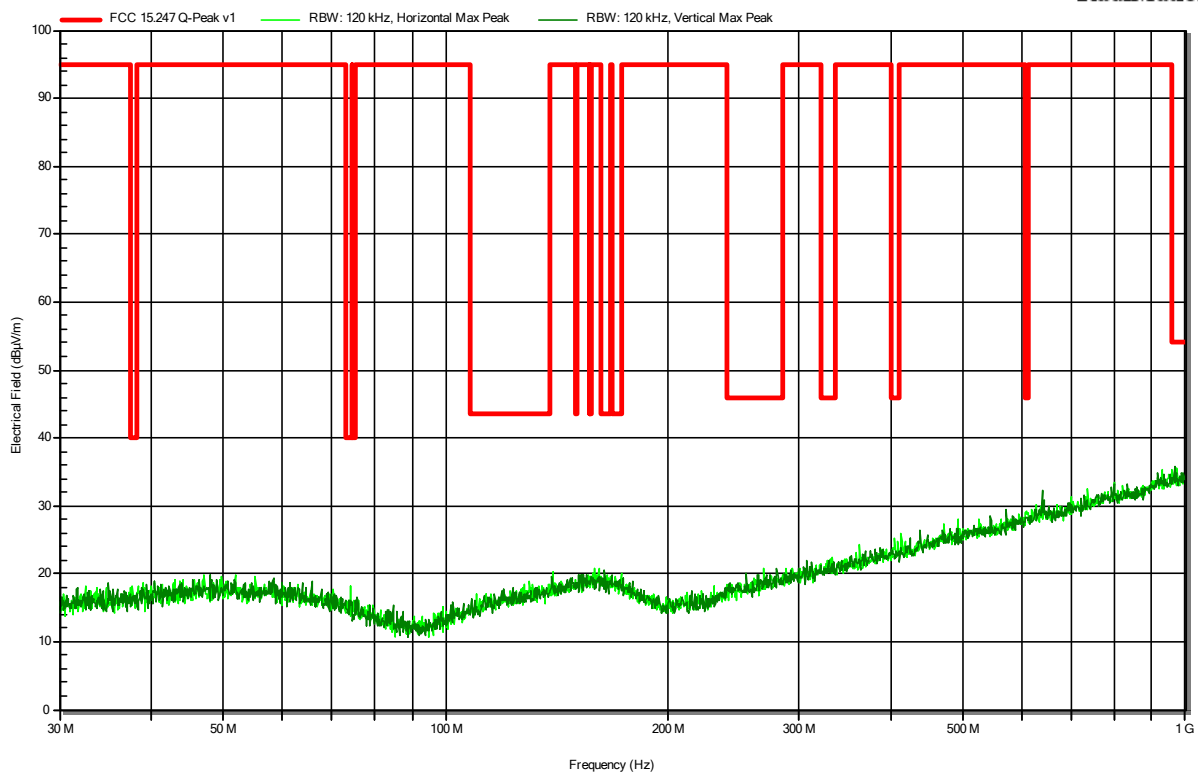
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.649 GHz	47.9 dBµV/m	68.2 dBµV/m	-20.3 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: A.Ibraimov
 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: Tx; IEEE 802.11a, 5825 MHz, OFDM, 6Mbps
 Test Date: 2023-08-30

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RadiMation

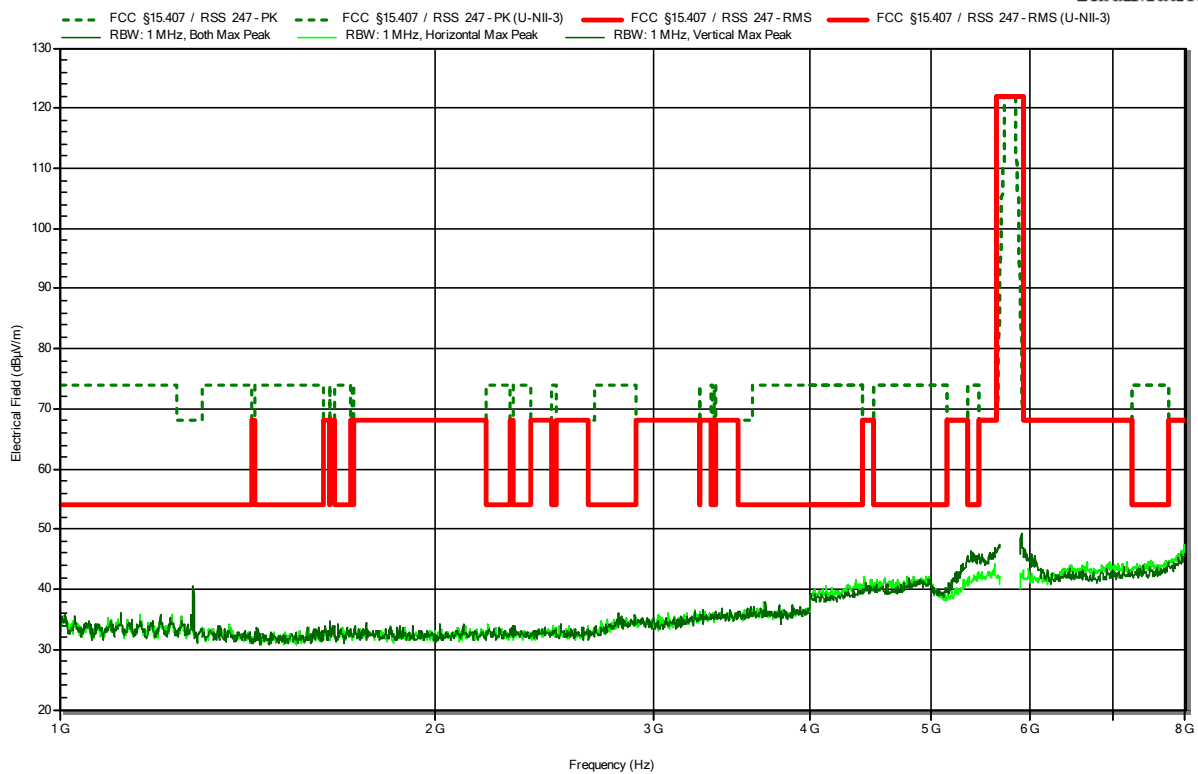


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5825 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29

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RadiMation

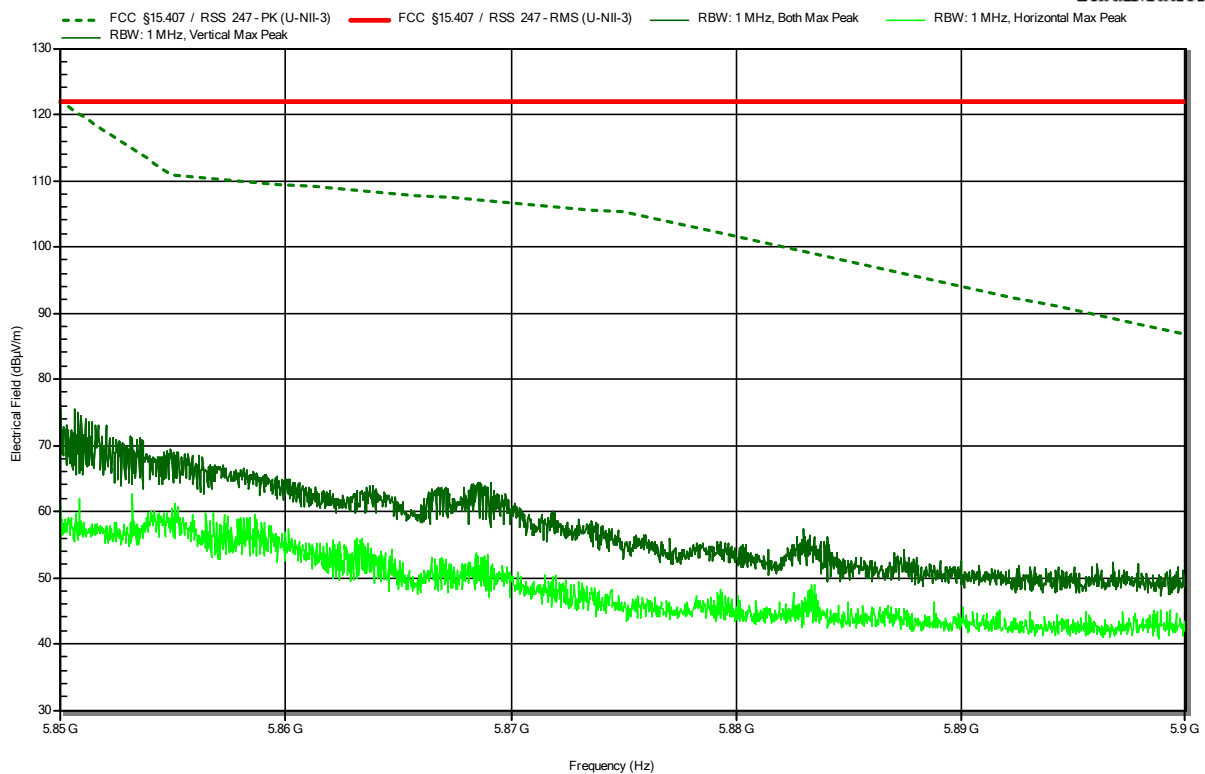


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11a, 5825 MHz, OFDM, 6Mbps
 Test Date: 2023-09-29
 Note: upper band area

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RadiMation

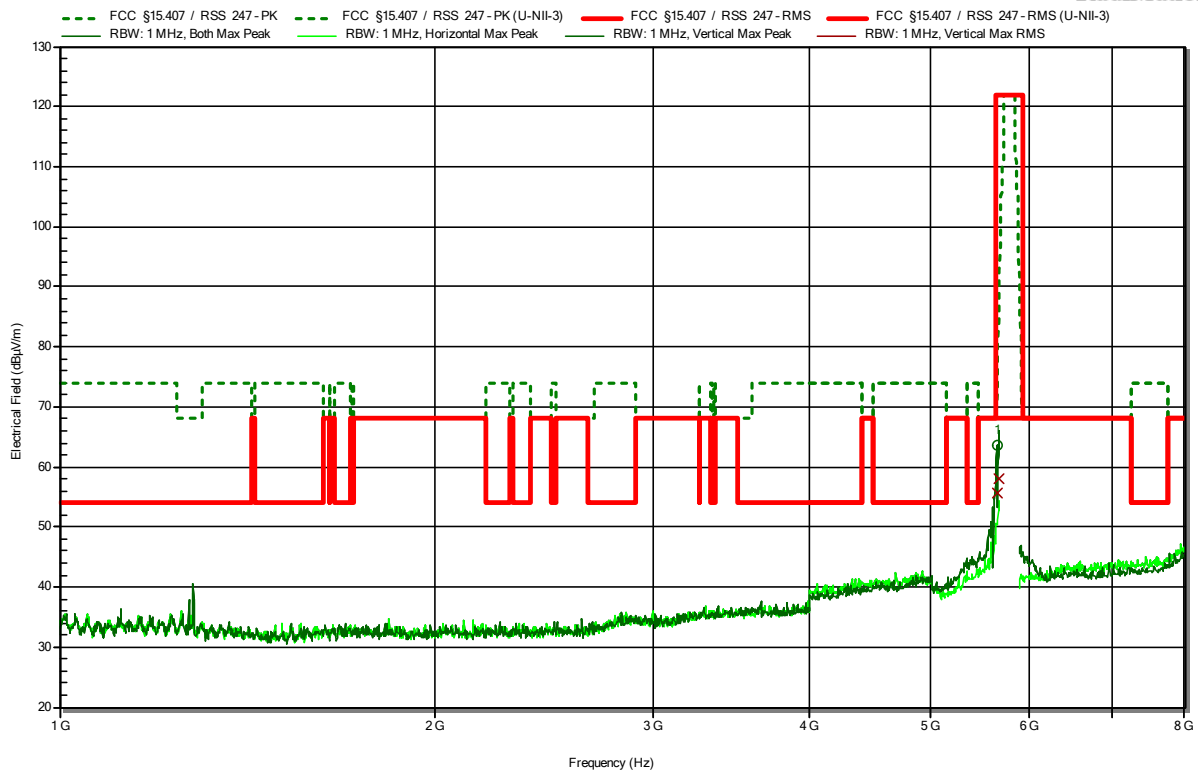


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247, Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5755 MHz, HT40, MCS0
 Test Date: 2023-09-29

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RadiMation



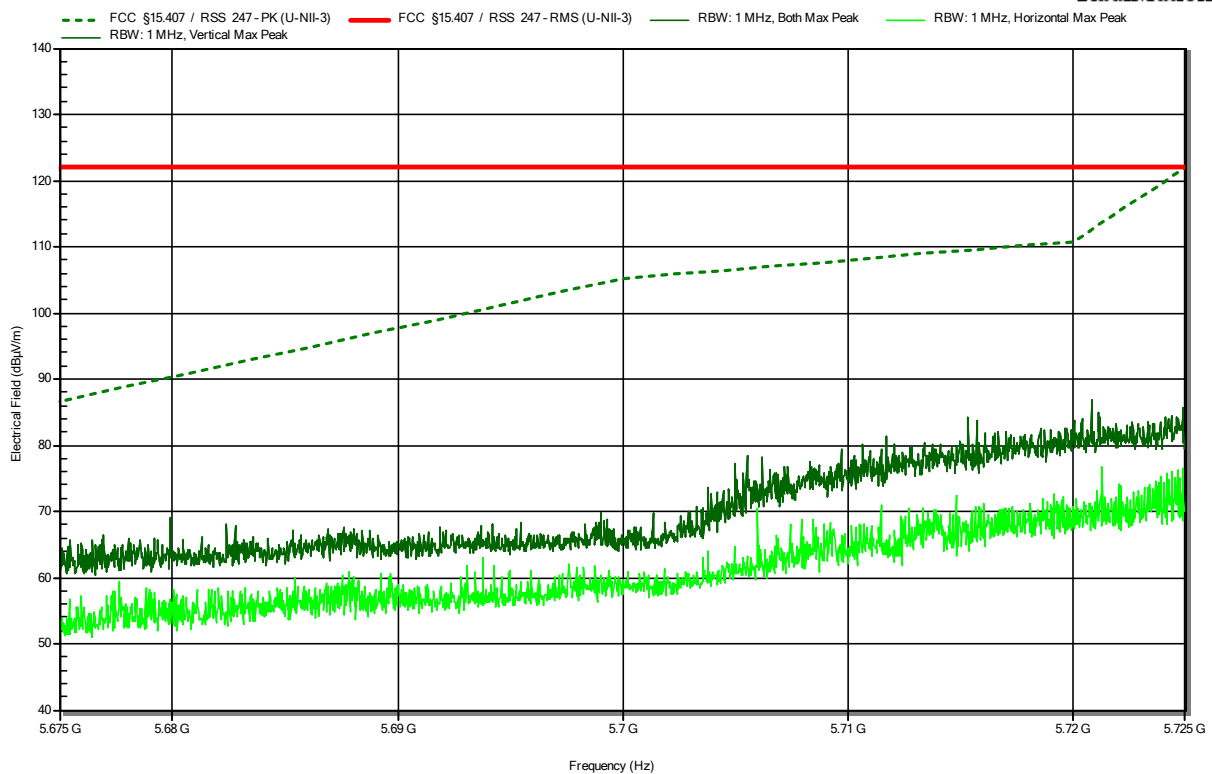
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.658 GHz	63.54 dBµV/m	68.2 dBµV/m	-4.66 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.658 GHz	55.64 dBµV/m	68.2 dBµV/m	-12.56 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5755 MHz, HT40, MCS0
 Test Date: 2023-09-29
 Note: lower band area

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RadiMation

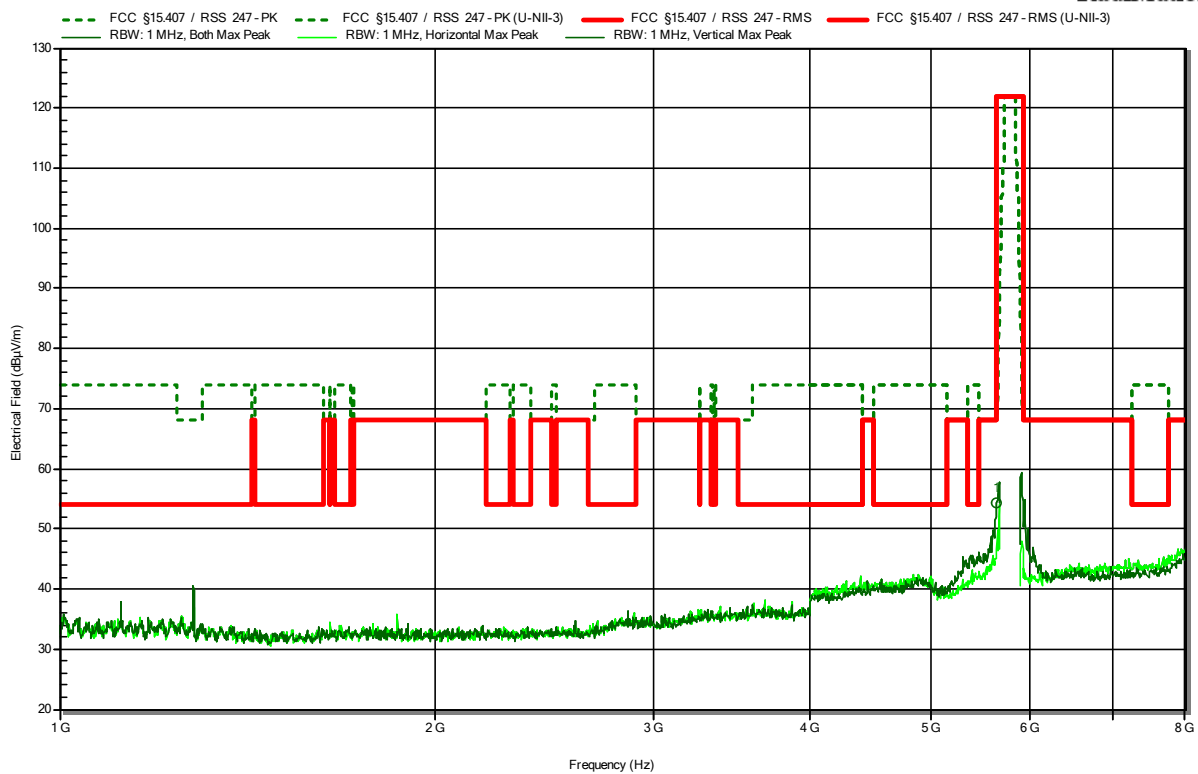


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5795 MHz, HT40, MCS0
 Test Date: 2023-09-29

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RadiMation



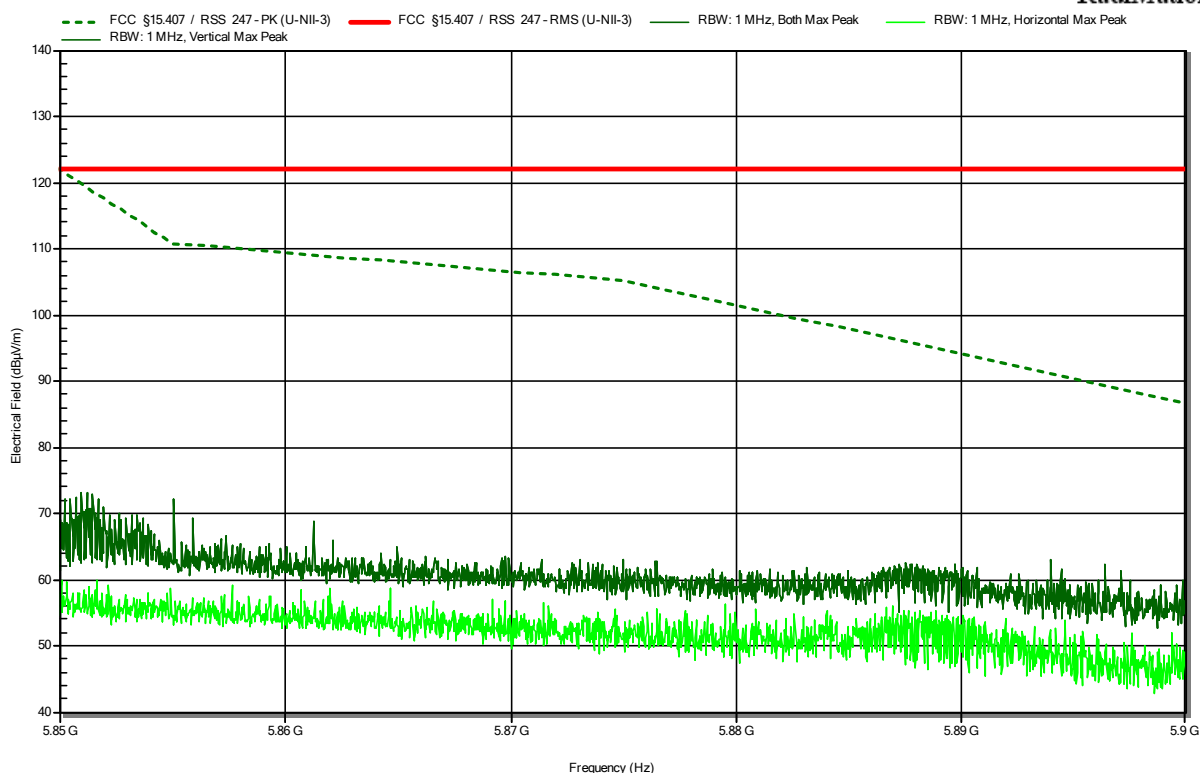
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.645 GHz	54.31 dBµV/m	68.2 dBµV/m	-13.89 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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, 5795 MHz, HT40, MCS0
 Test Date: 2023-09-29
 Note: upper band area

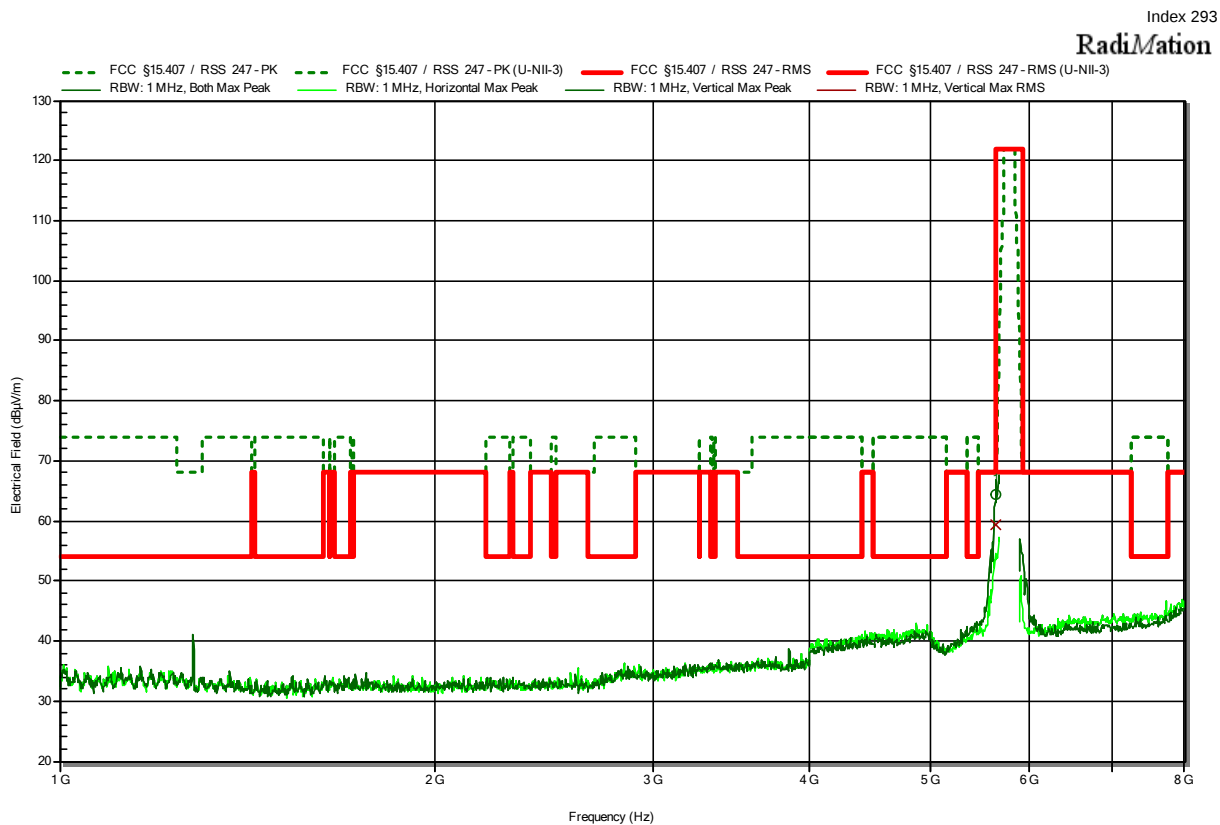
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RadiMation



Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247, Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5775 MHz, VHT80, MCS0
 Test Date: 2023-09-29



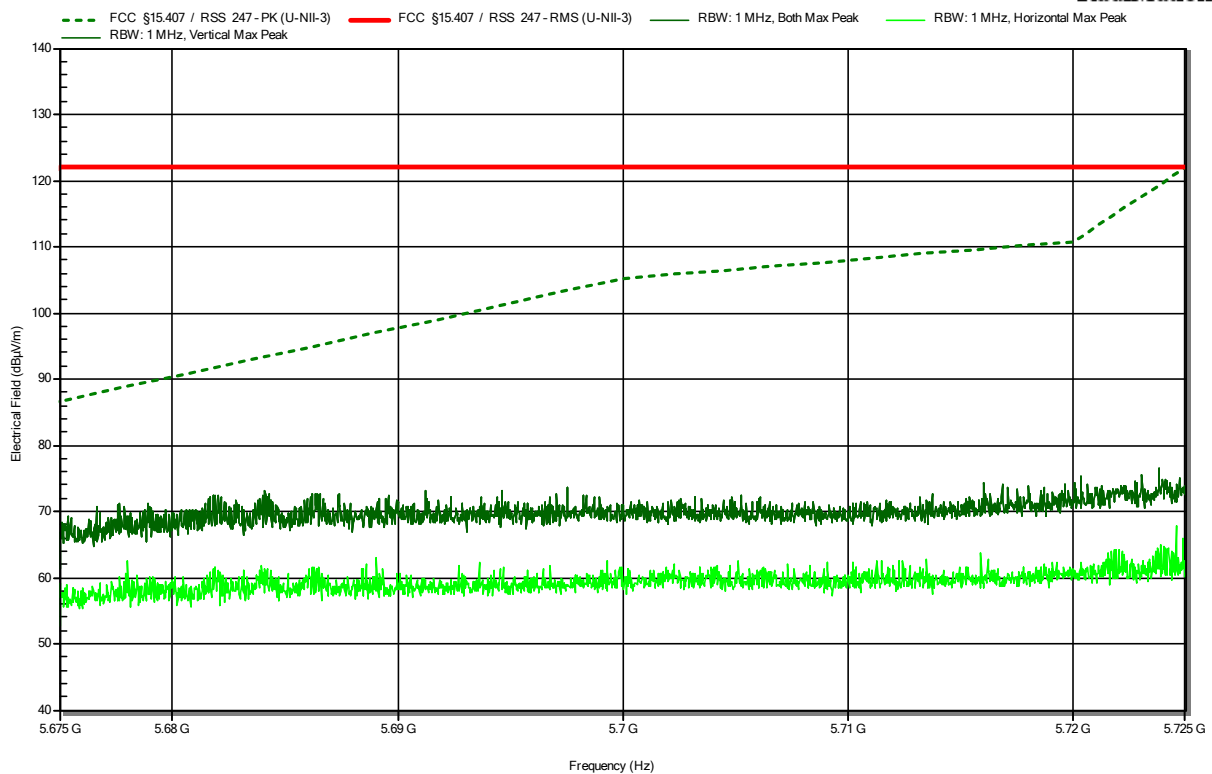
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.649 GHz	64.43 dBµV/m	68.2 dBµV/m	-3.77 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.649 GHz	59.46 dBµV/m	68.2 dBµV/m	-8.74 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ac, 5775 MHz, VHT80, MCS0
 Test Date: 2023-09-29
 Note: lower band area

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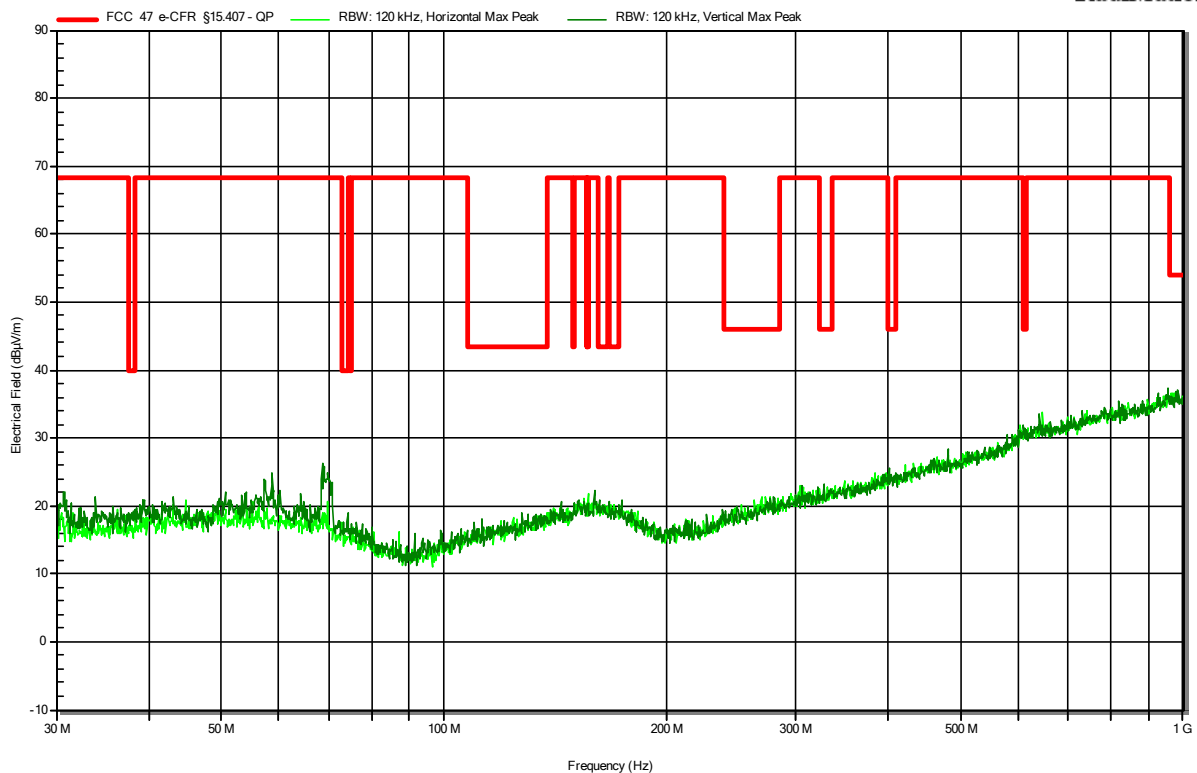
U-NII-1 (ax mode)

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 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: Tx; IEEE 802.11ax, 5180 MHz, HE20, MCS0
 Test Date: 2023-11-04

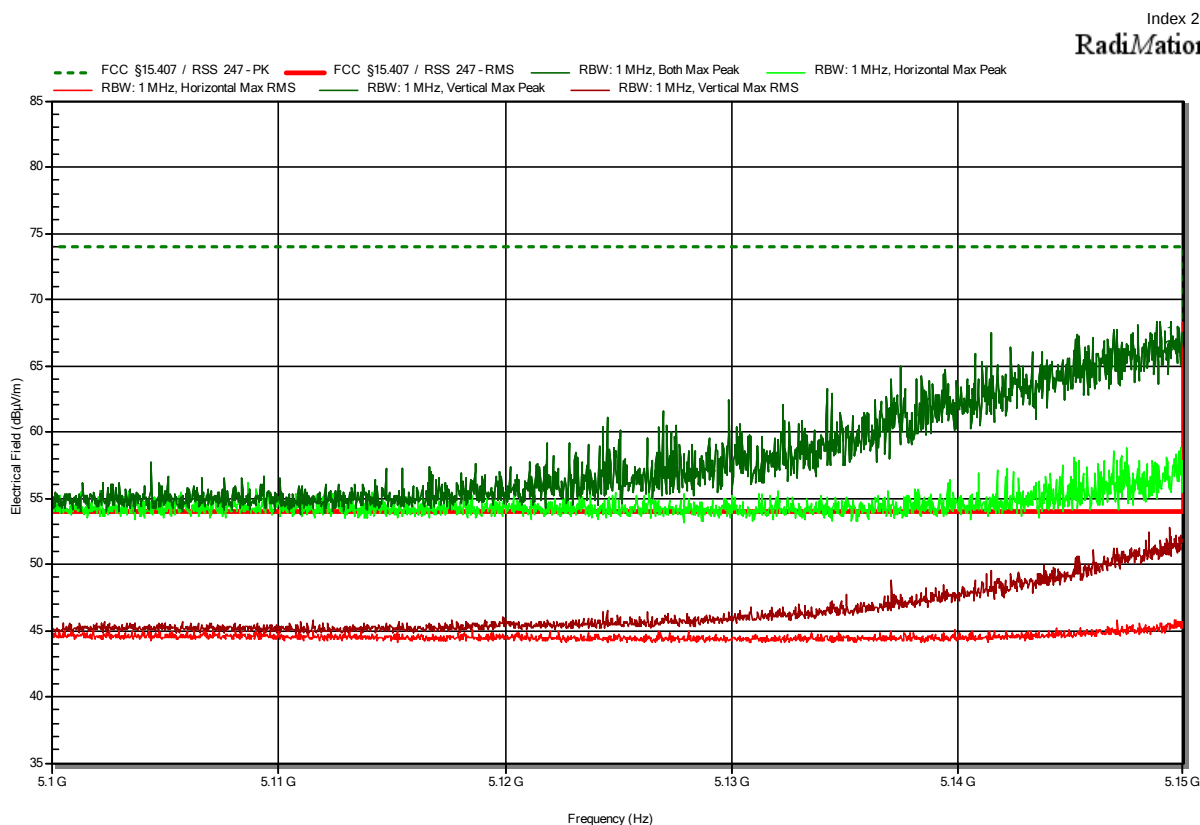
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Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5180 MHz, HE20, MCS0
 Test Date: 2023-11-04
 Note: lower band area



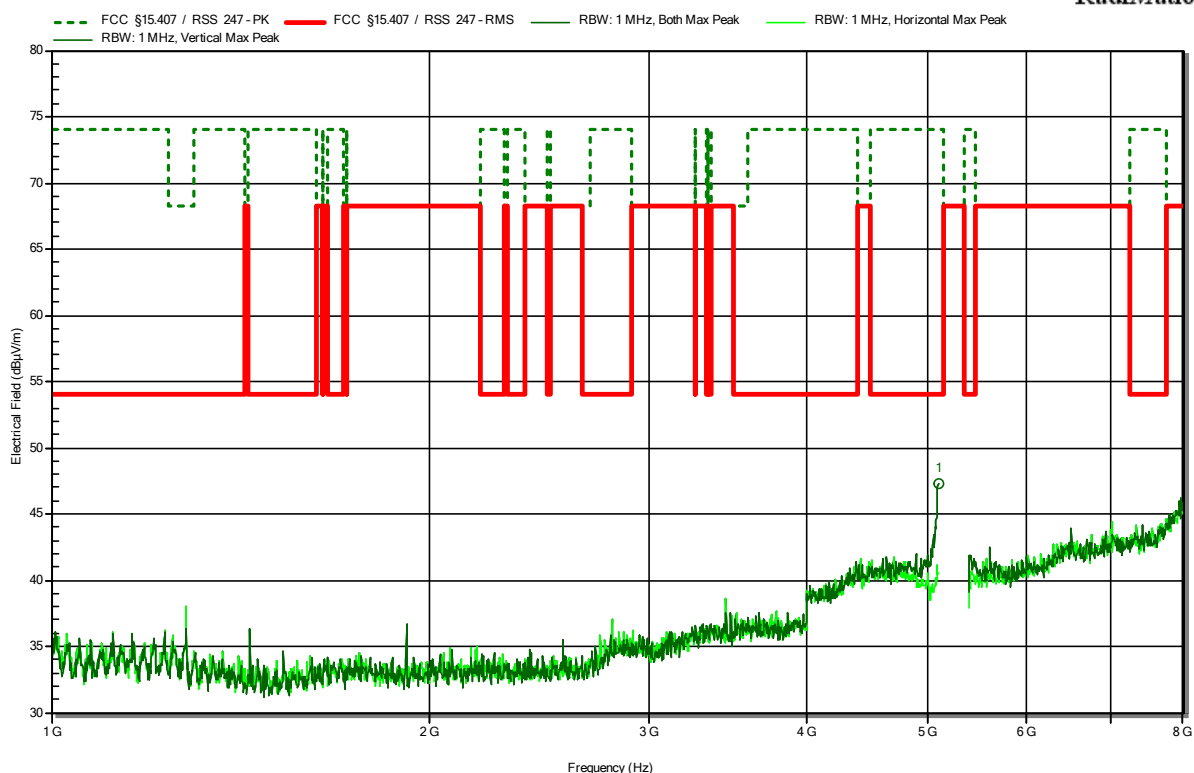
Frequency 5.149 GHz	Peak 66.55 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -7.45 dB	Peak Status Pass	Polarization Vertical
Frequency 5.149 GHz	RMS 52.75 dBµV/m	RMS Limit 54 dBµV/m	RMS Difference -1.25 dB	RMS Status Pass	Polarization Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5180 MHz, HE20, MCS0
 Test Date: 2023-11-04

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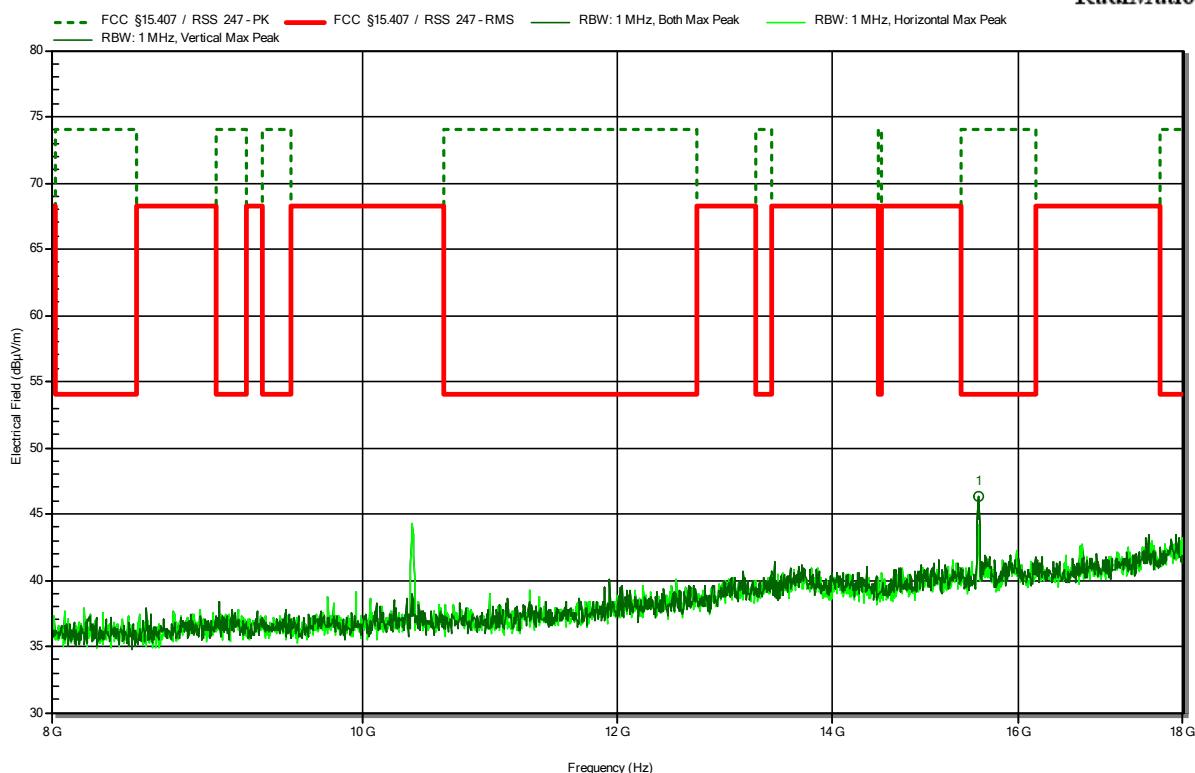
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.099 GHz	47.33 dBμV/m	74 dBμV/m	-26.67 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11ax, 5180 MHz, HE20, MCS0
 Test Date: 2023-11-07

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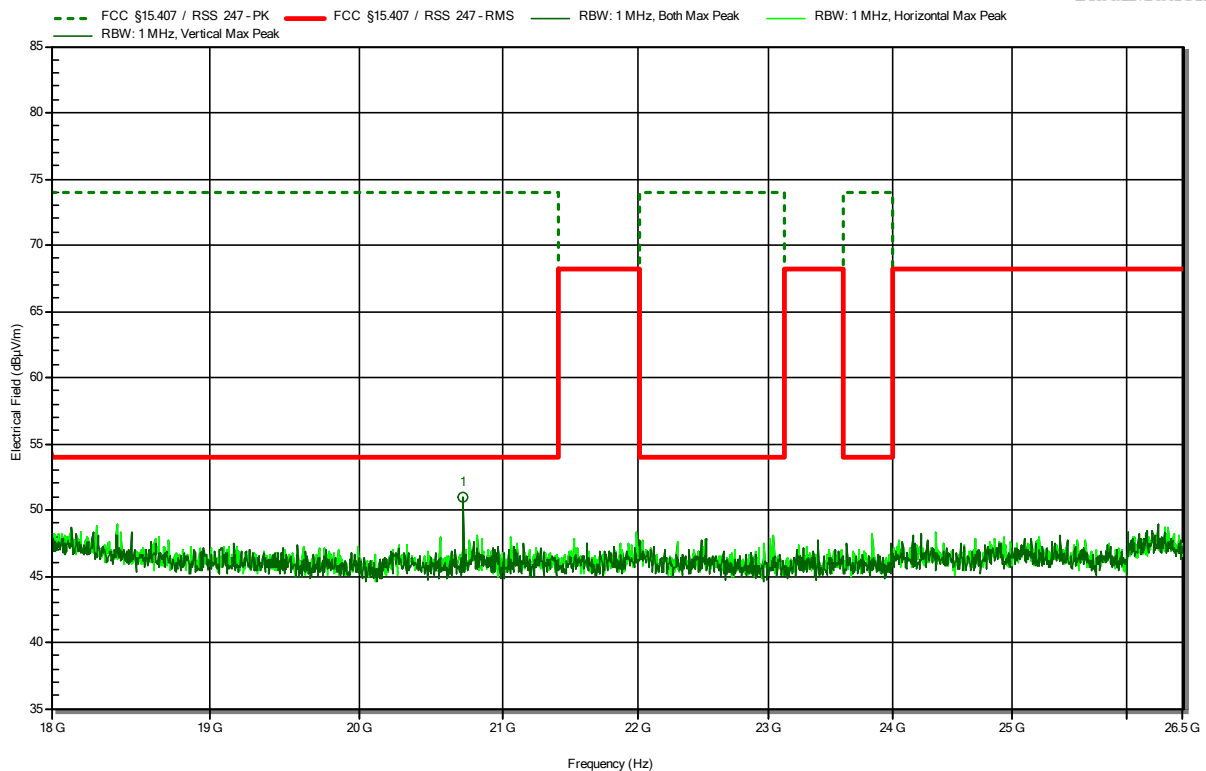
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
15.538 GHz	46.34 dBμV/m	74 dBμV/m	-27.66 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5180 MHz, HE20, MCS0
 Test Date: 2023-11-09

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RadiMation



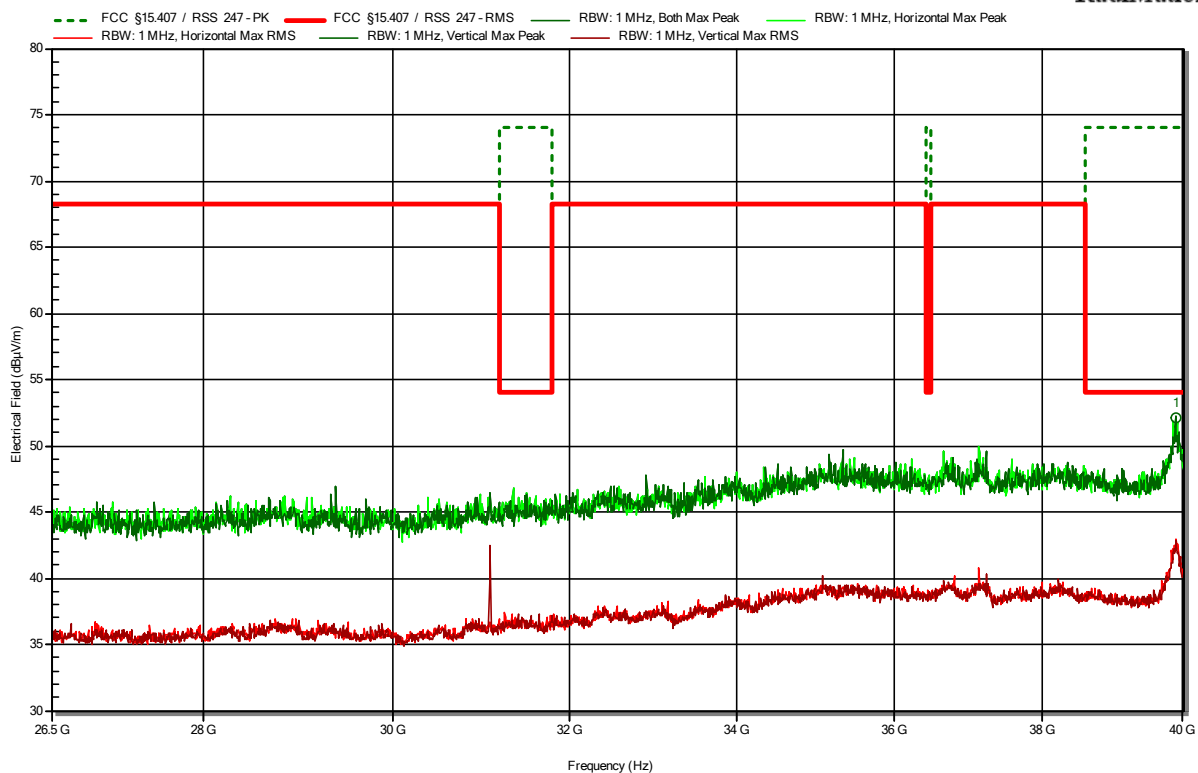
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
20.72 GHz	50.95 dBμV/m	74 dBμV/m	-23.05 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 3.3 VDC
 Antenna: Flann 22240-25
 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11ax, 5180 MHz, HE20, MCS0
 Test Date: 2023-11-09

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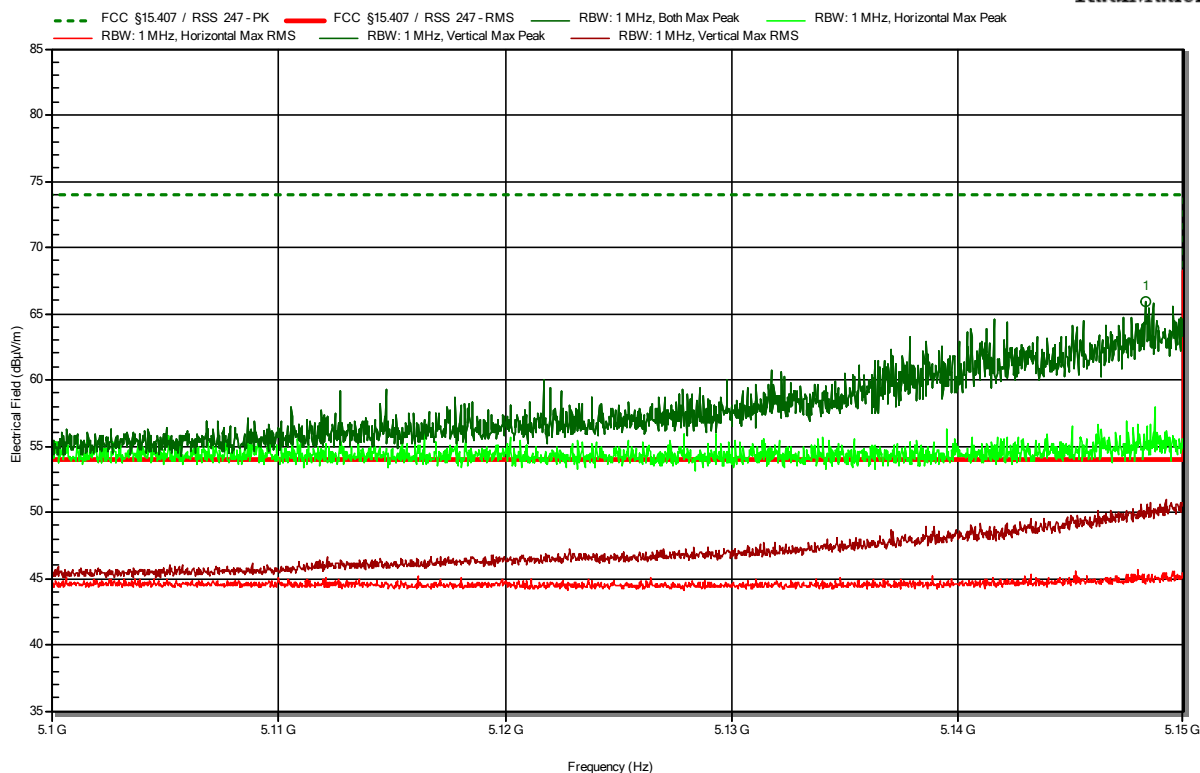
Frequency 39.885 GHz	Peak 52.15 dBμV/m	Peak Limit 74 dBμV/m	Peak Difference -21.85 dB	Peak Status Pass	Polarization Vertical
Frequency 39.885 GHz	RMS 41.71 dBμV/m	RMS Limit 54 dBμV/m	RMS Difference -12.29 dB	RMS Status Pass	Polarization Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5200 MHz, HE20, MCS0
 Test Date: 2023-11-04
 Note: lower band area

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RadiMation



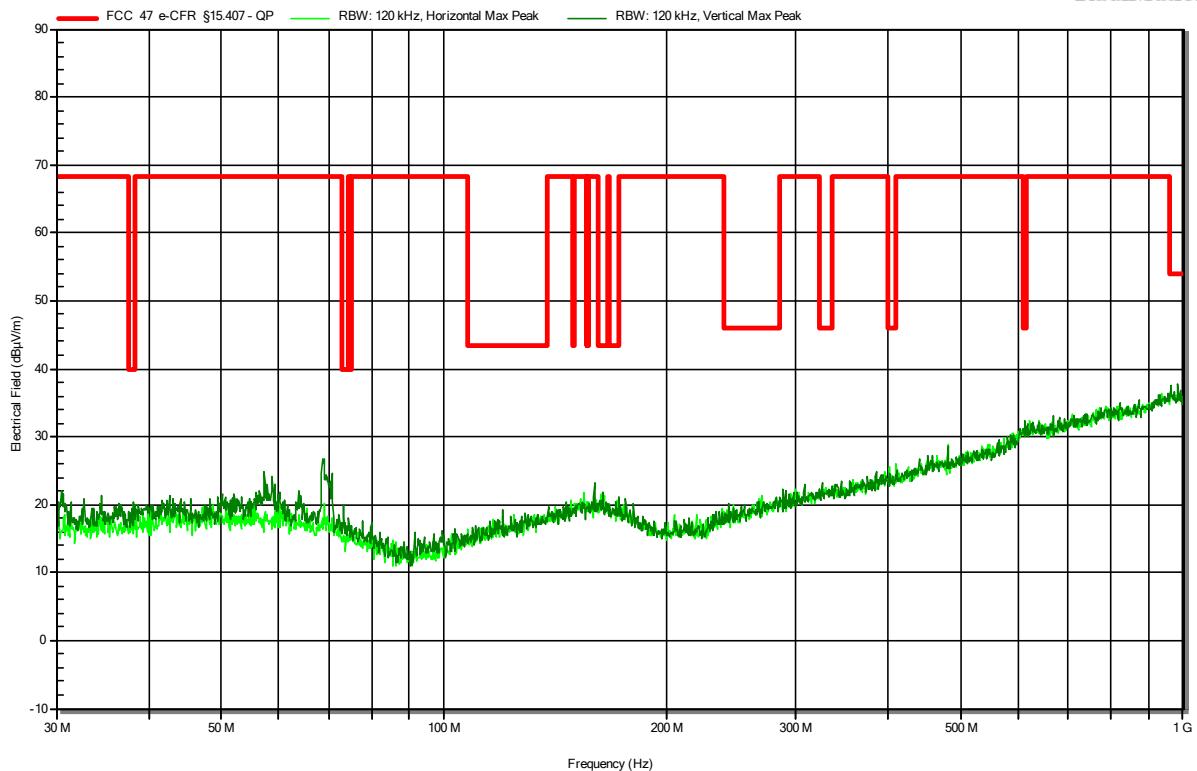
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.148 GHz	65.89 dBµV/m	74 dBµV/m	-8.11 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.148 GHz	50.04 dBµV/m	54 dBµV/m	-3.96 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 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: Tx; IEEE 802.11ax, 5240 MHz, HE20, MCS0
 Test Date: 2023-11-04

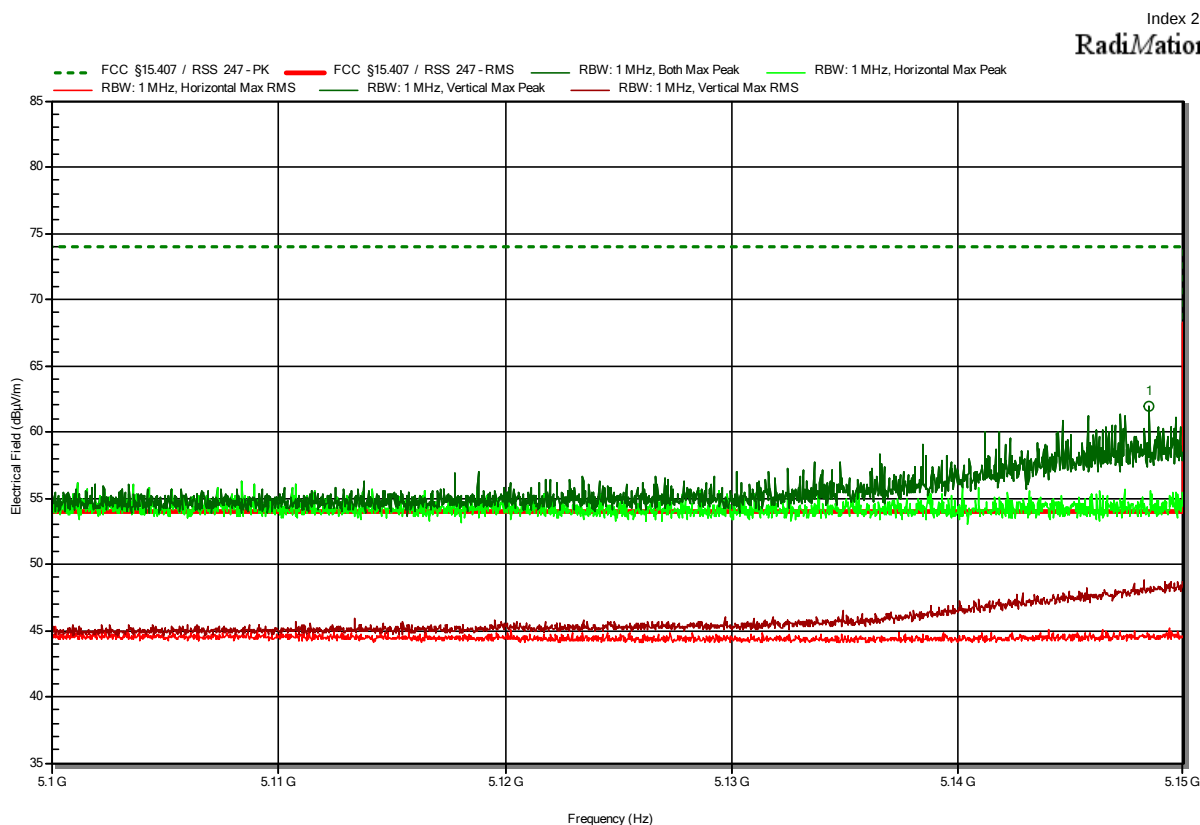
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Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5190 MHz, HE40, MCS0
 Test Date: 2023-11-04
 Note: lower band area



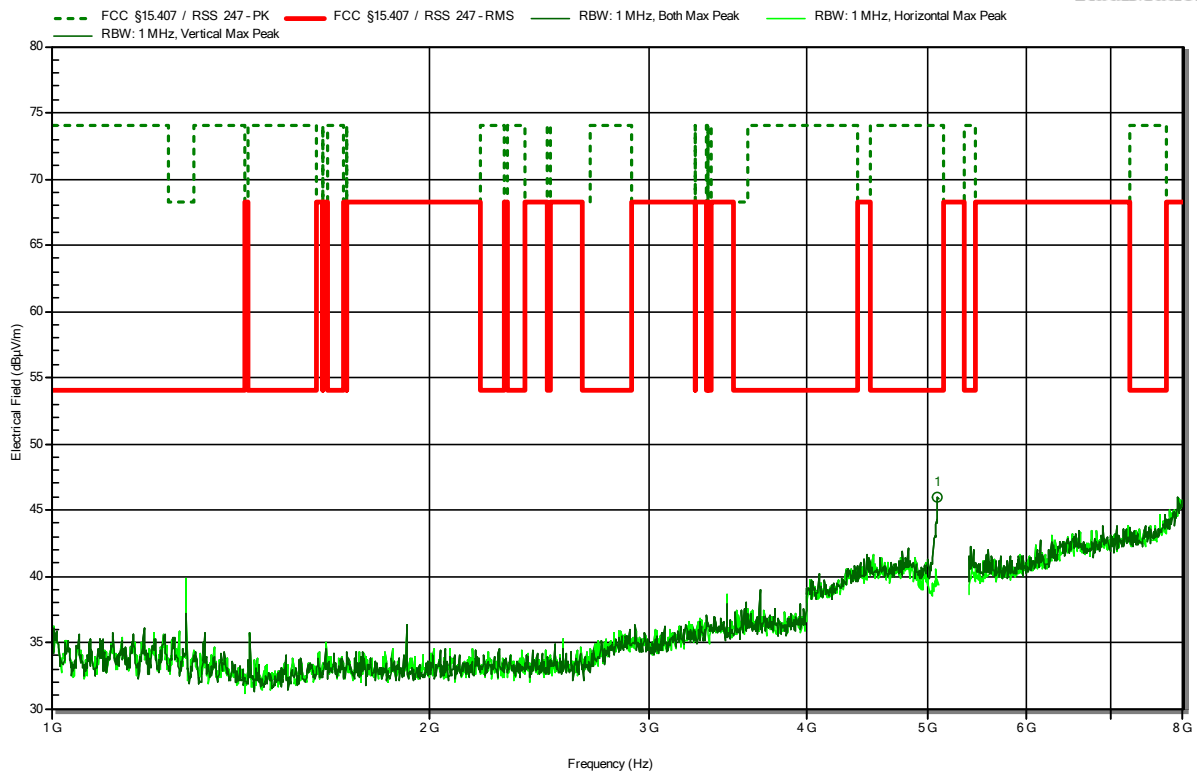
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.148 GHz	61.97 dBµV/m	74 dBµV/m	-12.03 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.148 GHz	48.19 dBµV/m	54 dBµV/m	-5.81 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5190 MHz, HE40, MCS0
 Test Date: 2023-11-04

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RadiMation



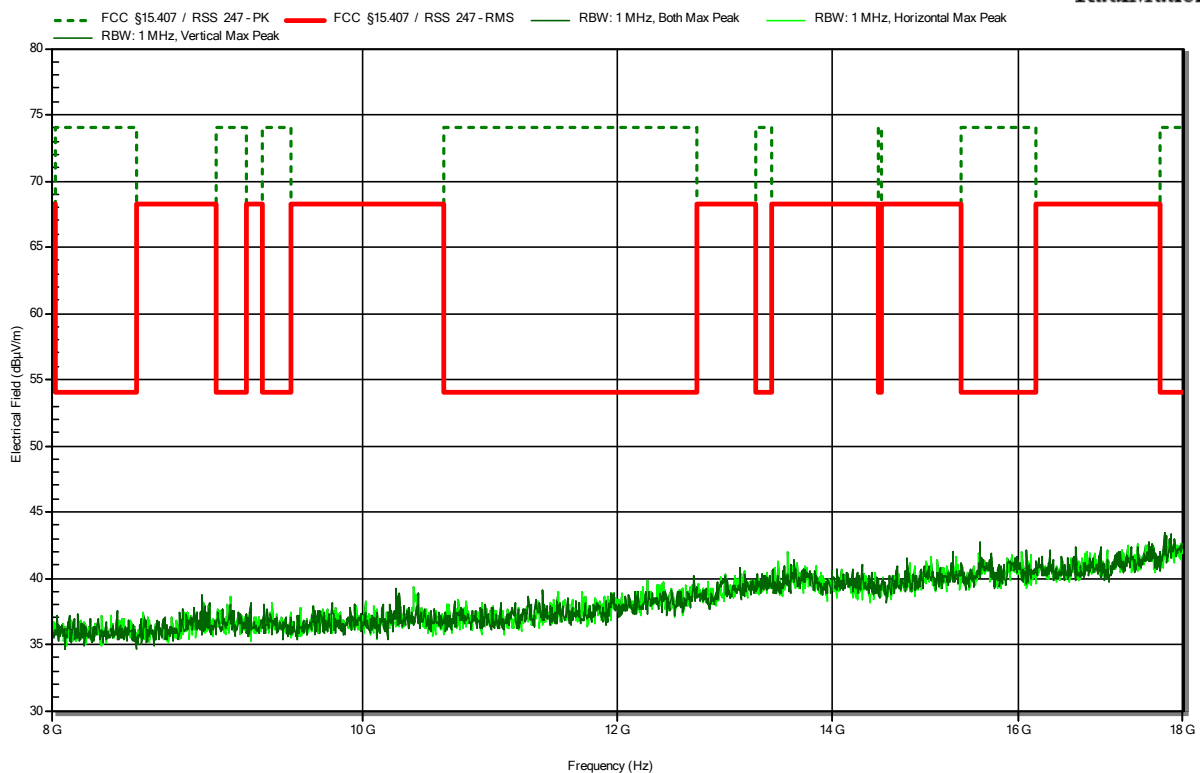
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.096 GHz	45.98 dBμV/m	74 dBμV/m	-28.02 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11ax, 5190 MHz, HE40, MCS0
 Test Date: 2023-11-07

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RadiMation

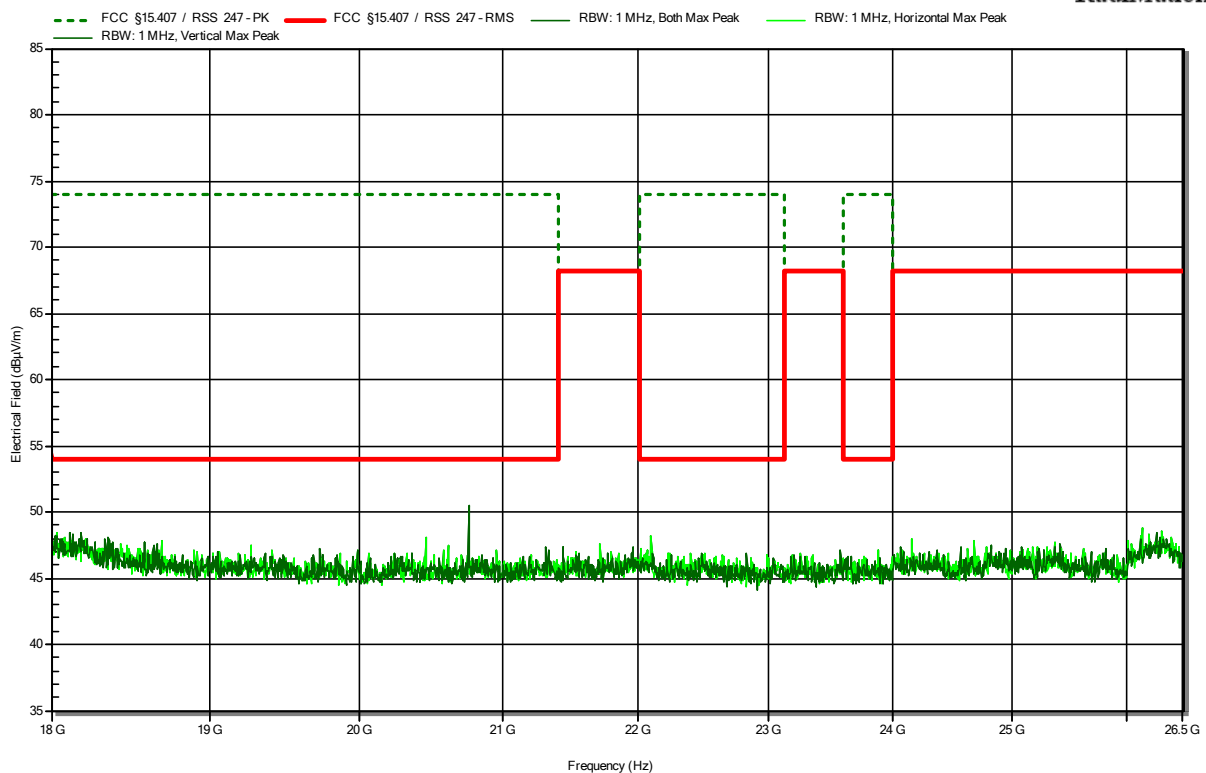


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5190 MHz, HE40, MCS0
 Test Date: 2023-11-09

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RadiMation

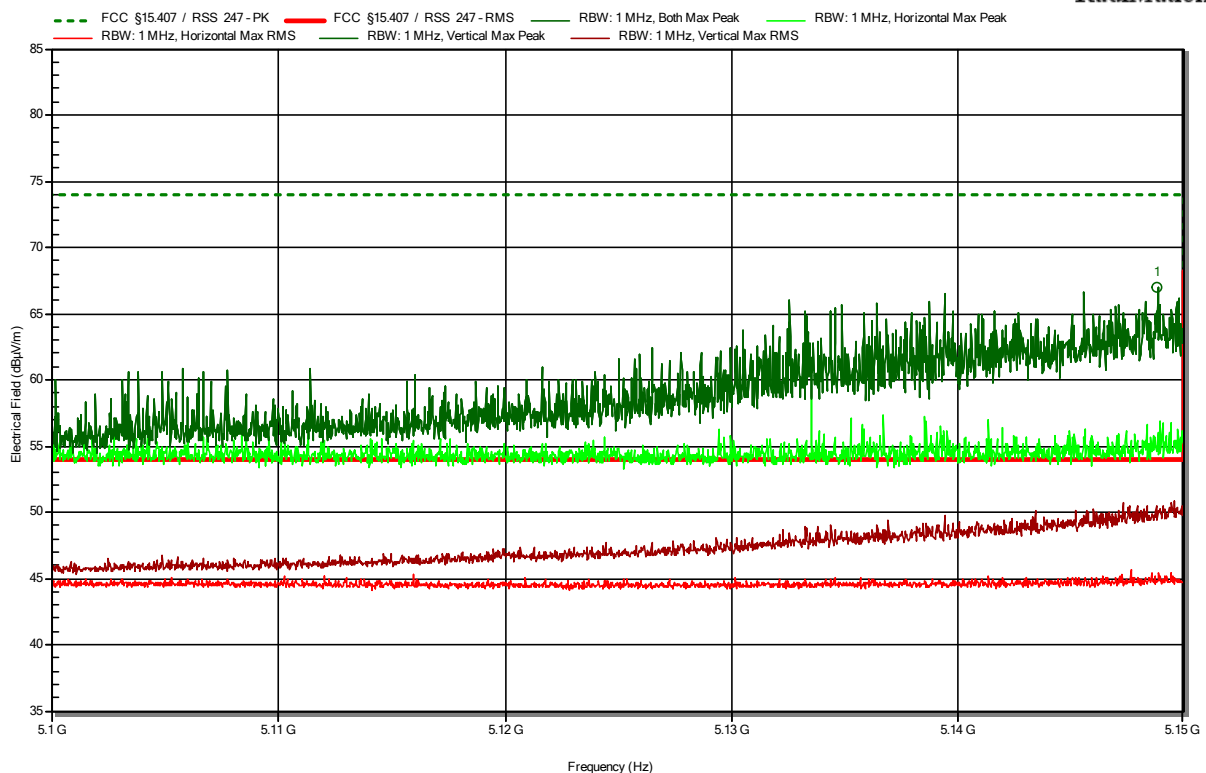


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5230 MHz, HE40, MCS0
 Test Date: 2023-11-04
 Note: lower band area

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RadiMation



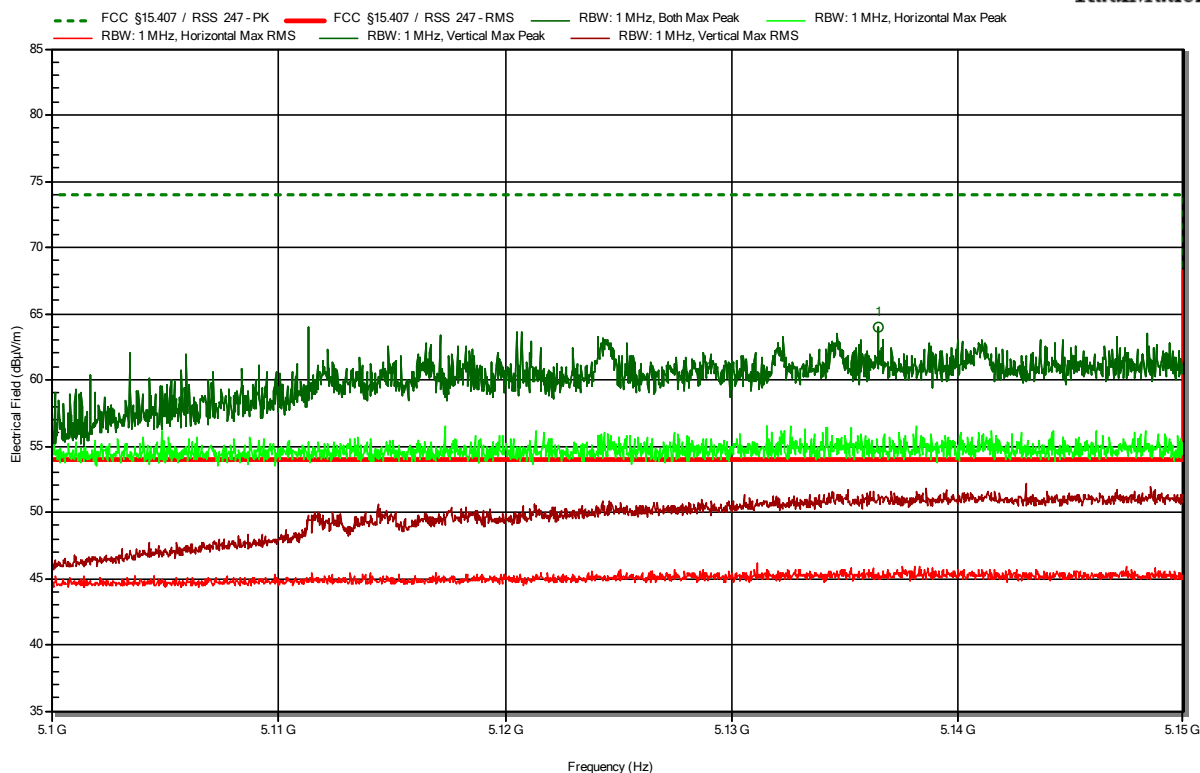
Frequency 5.149 GHz	Peak 66.96 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -7.04 dB	Peak Status Pass	Polarization Vertical
Frequency 5.149 GHz	RMS 49.62 dBµV/m	RMS Limit 54 dBµV/m	RMS Difference -4.38 dB	RMS Status Pass	Polarization Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5210 MHz, HE80, MCS0
 Test Date: 2023-11-04
 Note: lower band area

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RadiMation



Frequency 5.136 GHz	Peak 63.93 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -10.07 dB	Peak Status Pass	Polarization Vertical
Frequency 5.136 GHz	RMS 50.6 dBµV/m	RMS Limit 54 dBµV/m	RMS Difference -3.4 dB	RMS Status Pass	Polarization Vertical

Test Report No.: G0M-2302-1881-TFC407WF-W260-V03

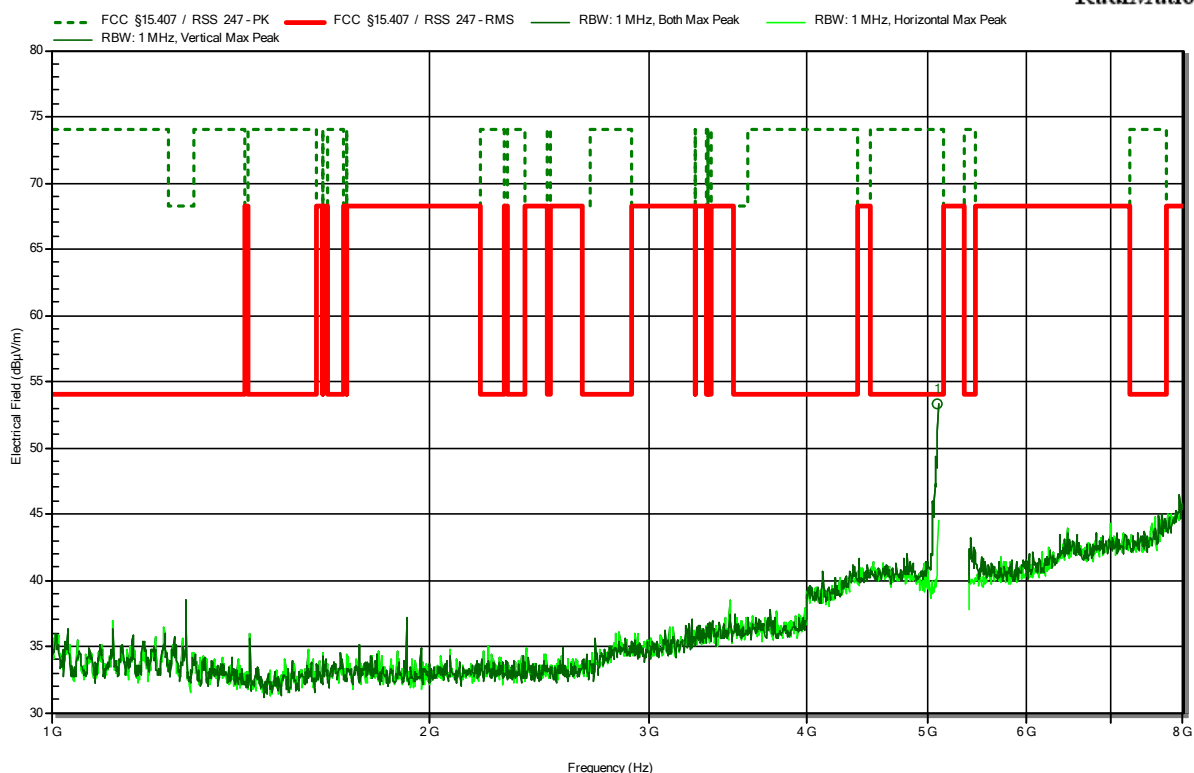
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5210 MHz, HE80, MCS0
 Test Date: 2023-11-04

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RadiMation



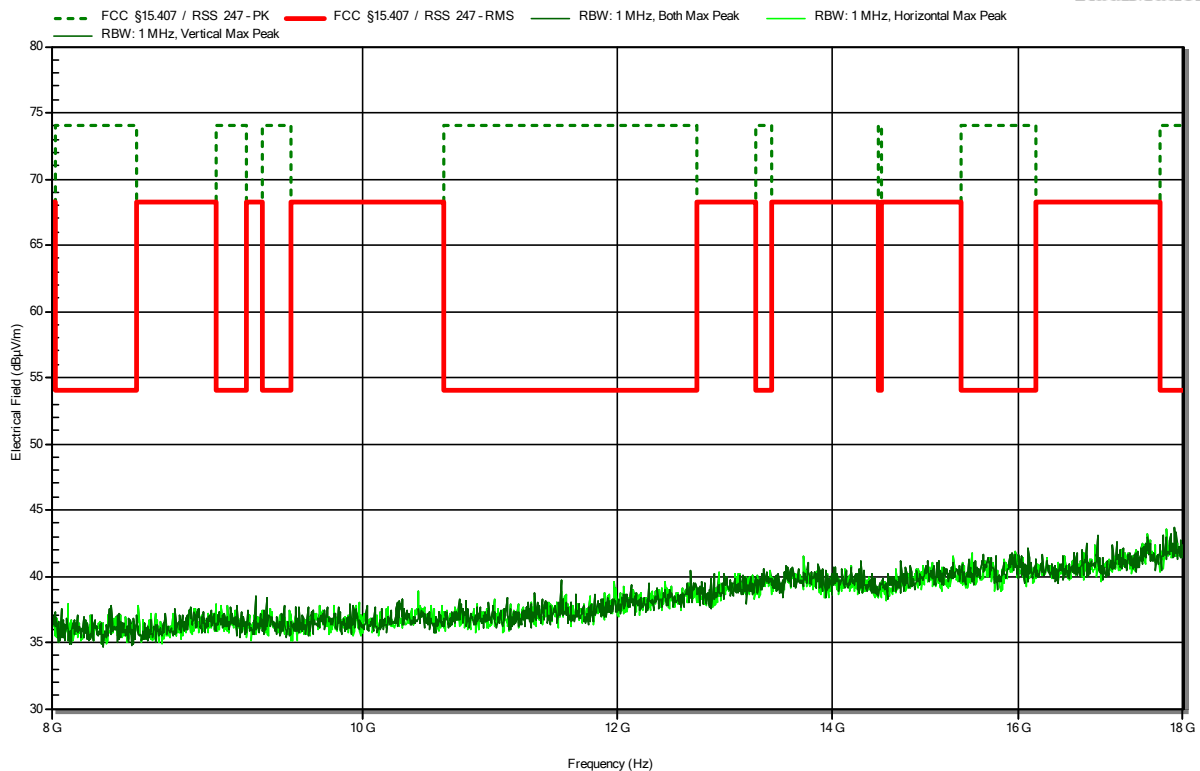
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.098 GHz	53.26 dBμV/m	74 dBμV/m	-20.74 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11ax, 5210 MHz, HE80, MCS0
 Test Date: 2023-11-07

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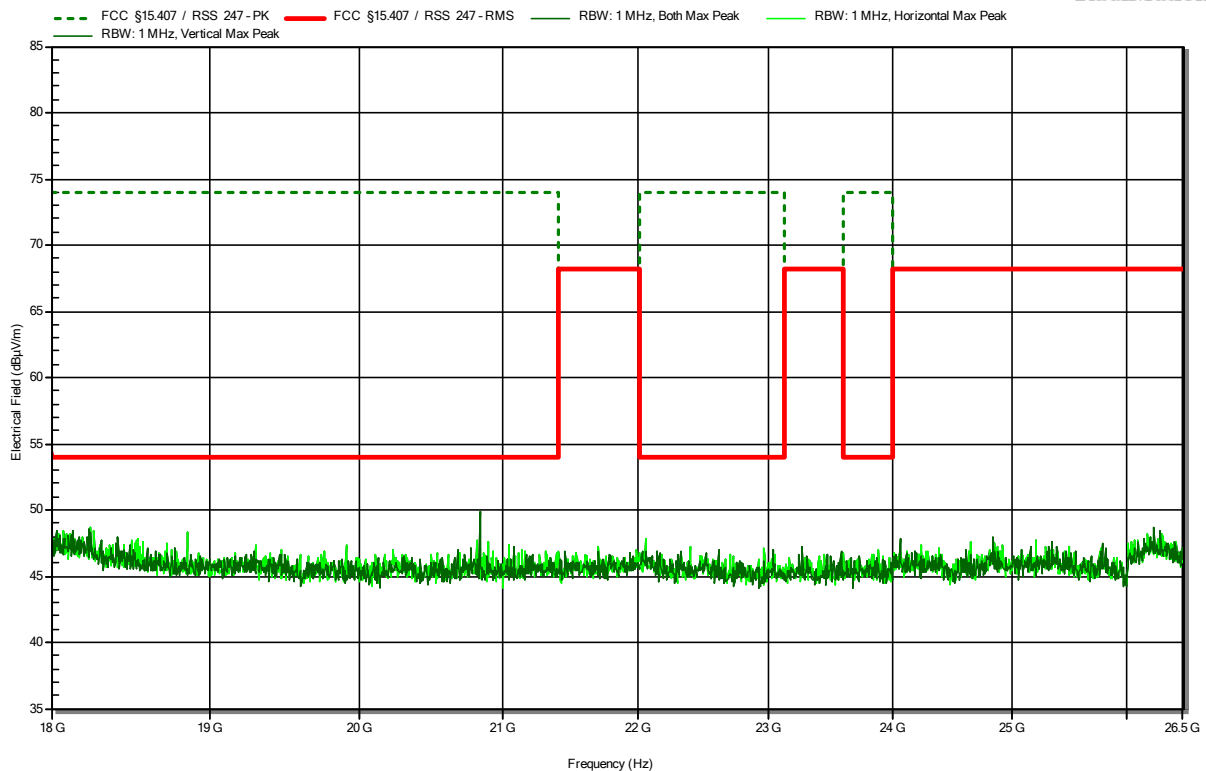


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5210 MHz, HE80, MCS0
 Test Date: 2023-11-09

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RadiMation



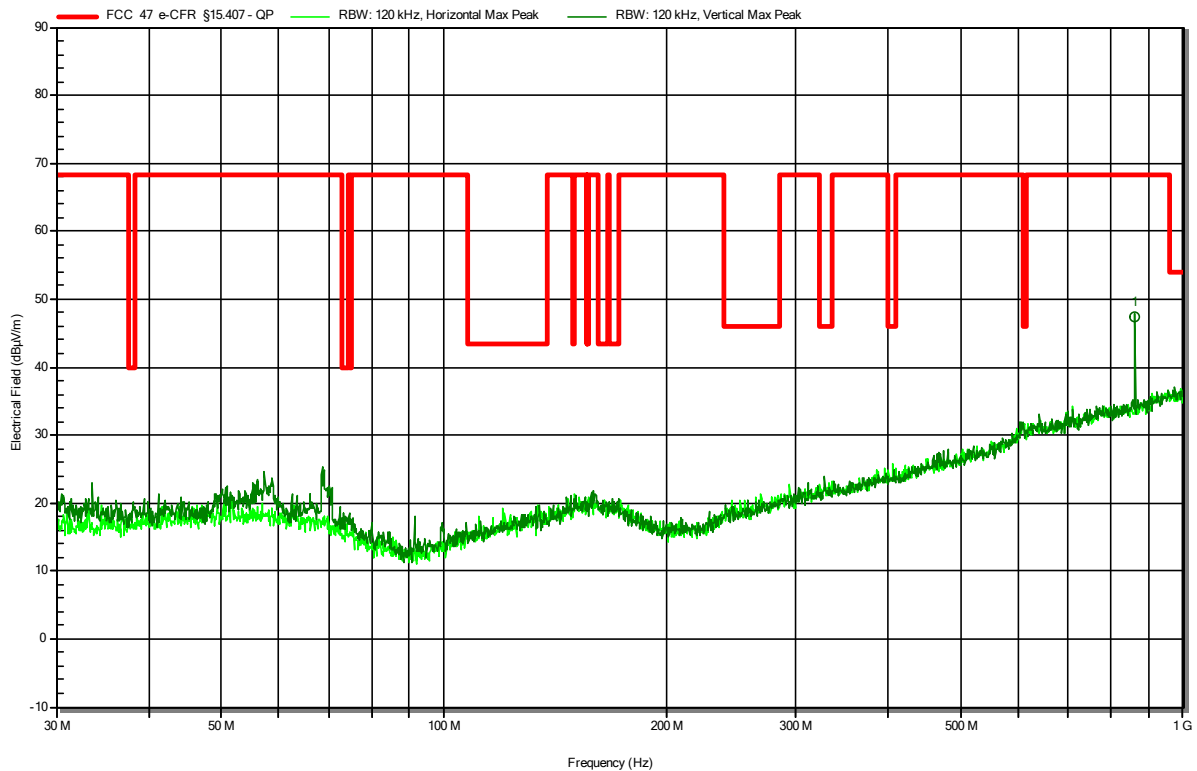
U-NII-2A (ax mode)

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 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: Tx; IEEE 802.11ax, 5320 MHz, HE20, MCS0
 Test Date: 2023-11-04

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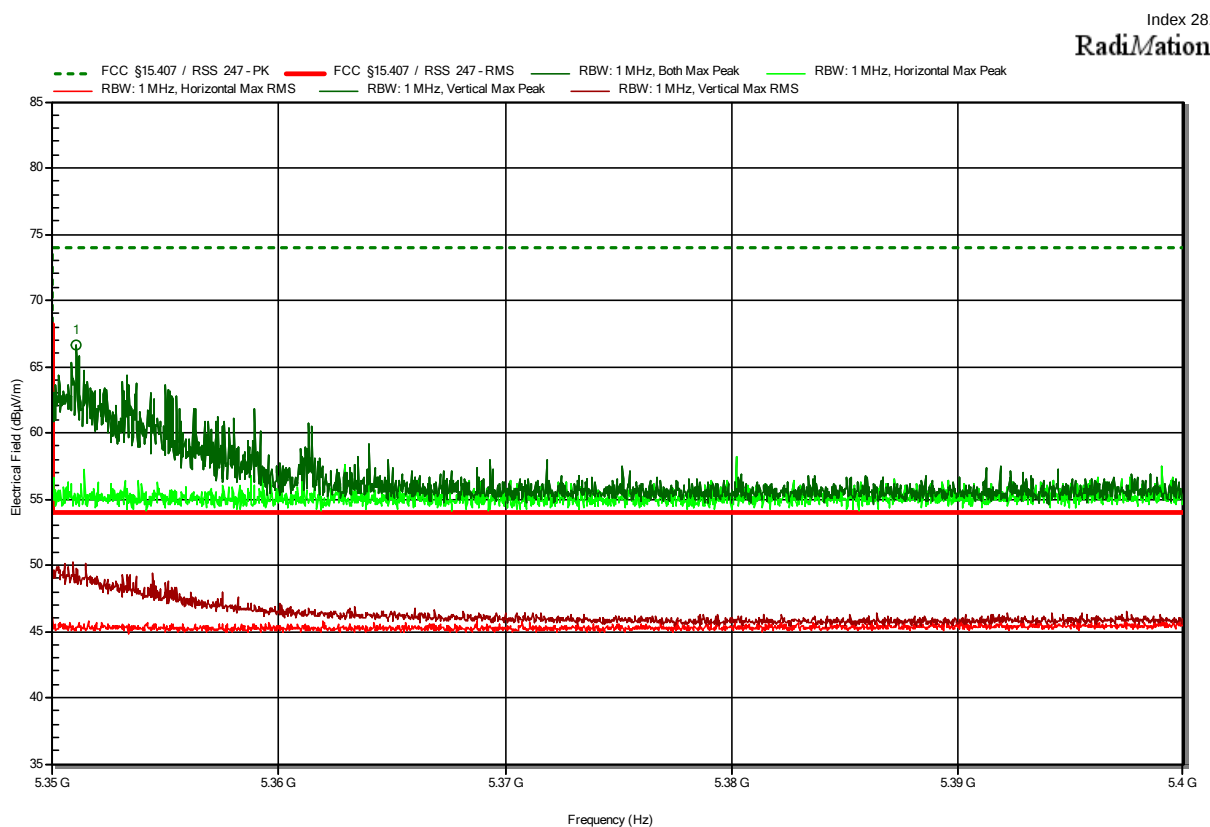
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
859.4147 MHz	47.3 dBμV/m	68.2 dBμV/m	-20.85 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5320MHz, HE20, MCS0
 Test Date: 2023-11-06
 Note: Upper band area



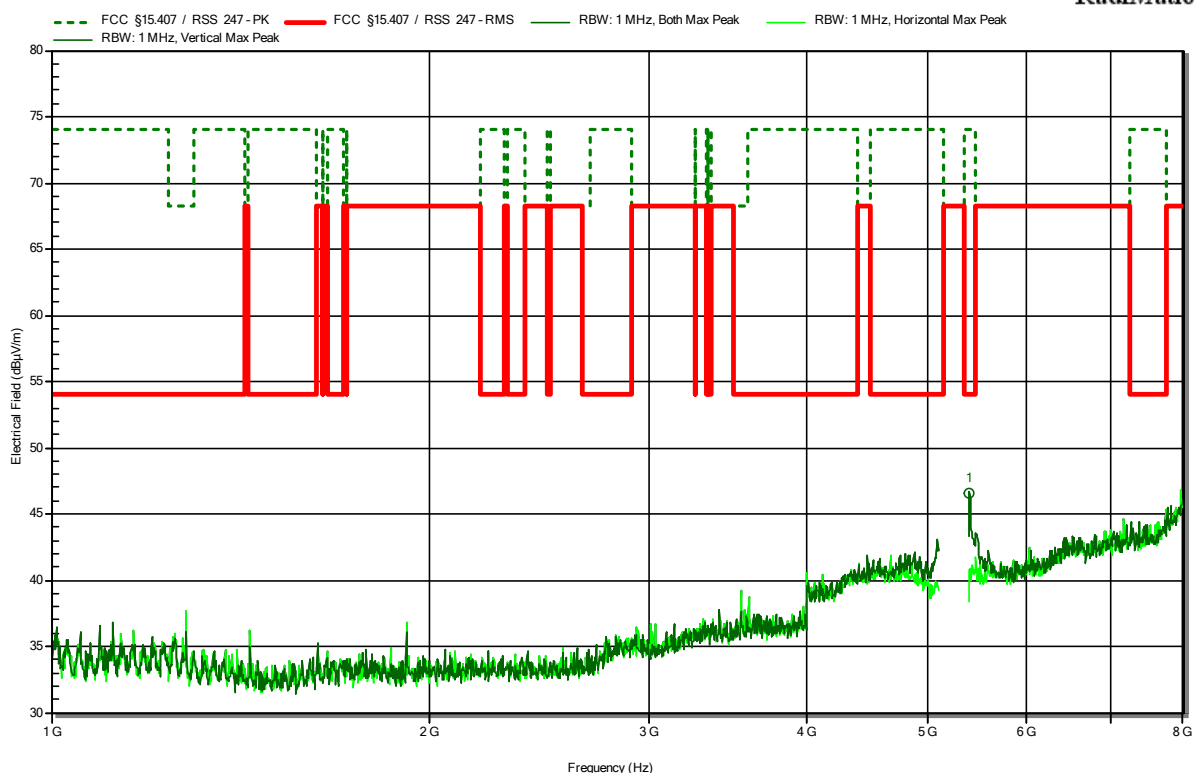
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.351 GHz	66.67 dBµV/m	74 dBµV/m	-7.33 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.351 GHz	49.82 dBµV/m	54 dBµV/m	-4.18 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5320MHz, HE20, MCS0
 Test Date: 2023-11-06

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RadiMation



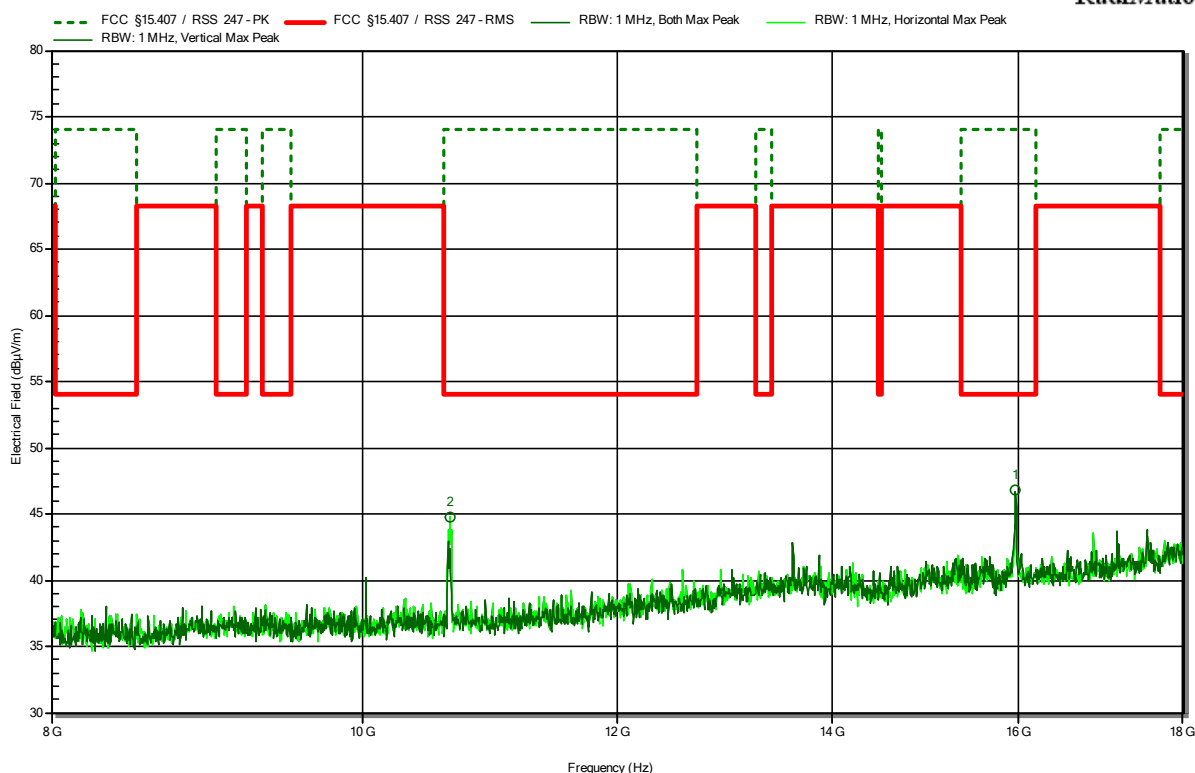
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.401 GHz	46.59 dBμV/m	74 dBμV/m	-27.41 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11ax, 5320MHz, HE20, MCS0
 Test Date: 2023-11-07

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RadiMation



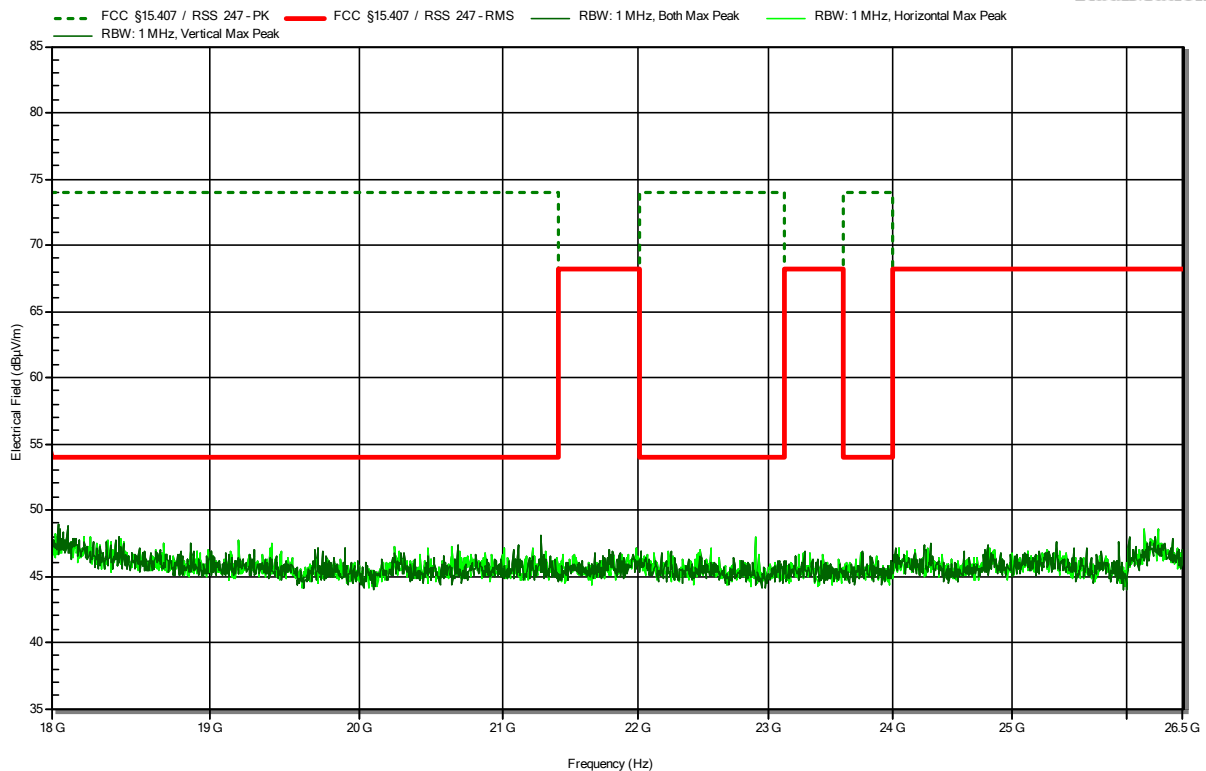
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
10.643 GHz	44.75 dBμV/m	74 dBμV/m	-29.25 dB	Pass	Horizontal
15.961 GHz	46.77 dBμV/m	74 dBμV/m	-27.23 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5320MHz, HE20, MCS0
 Test Date: 2023-11-09

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RadiMation

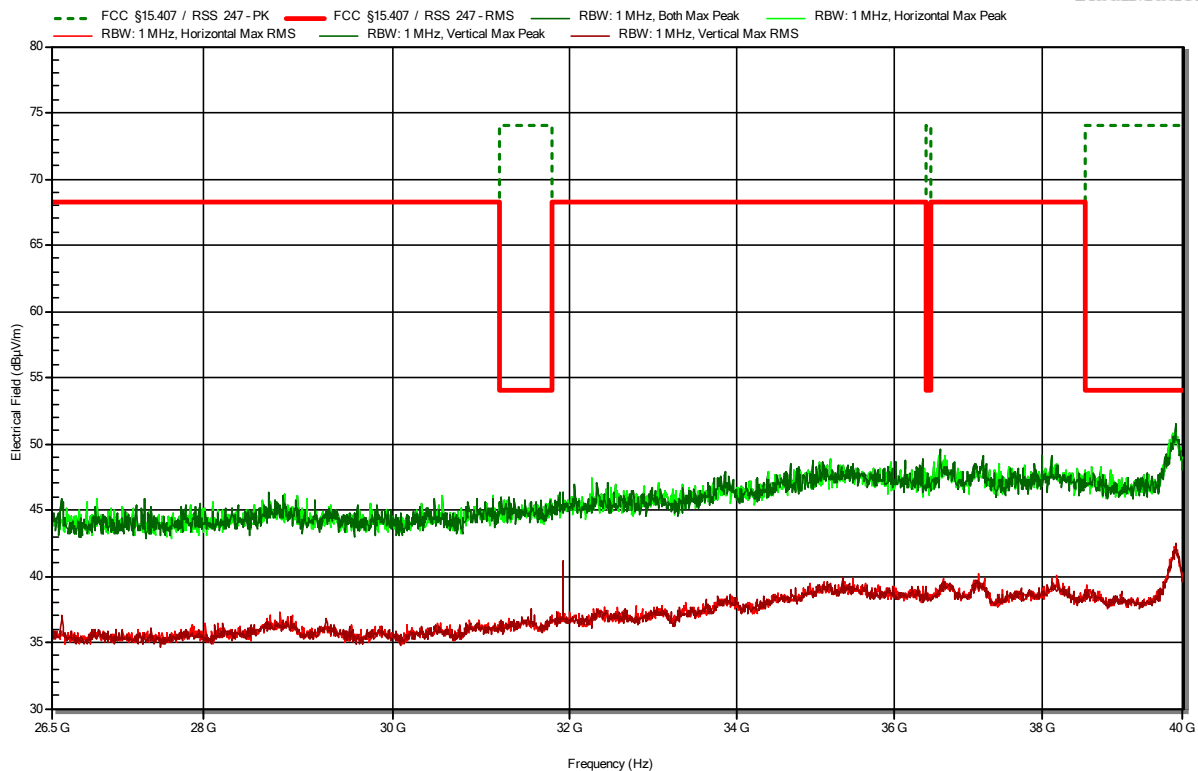


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 3.3 VDC
 Antenna: Flann 22240-25
 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11ax, 5320MHz, HE20, MCS0
 Test Date: 2023-11-09

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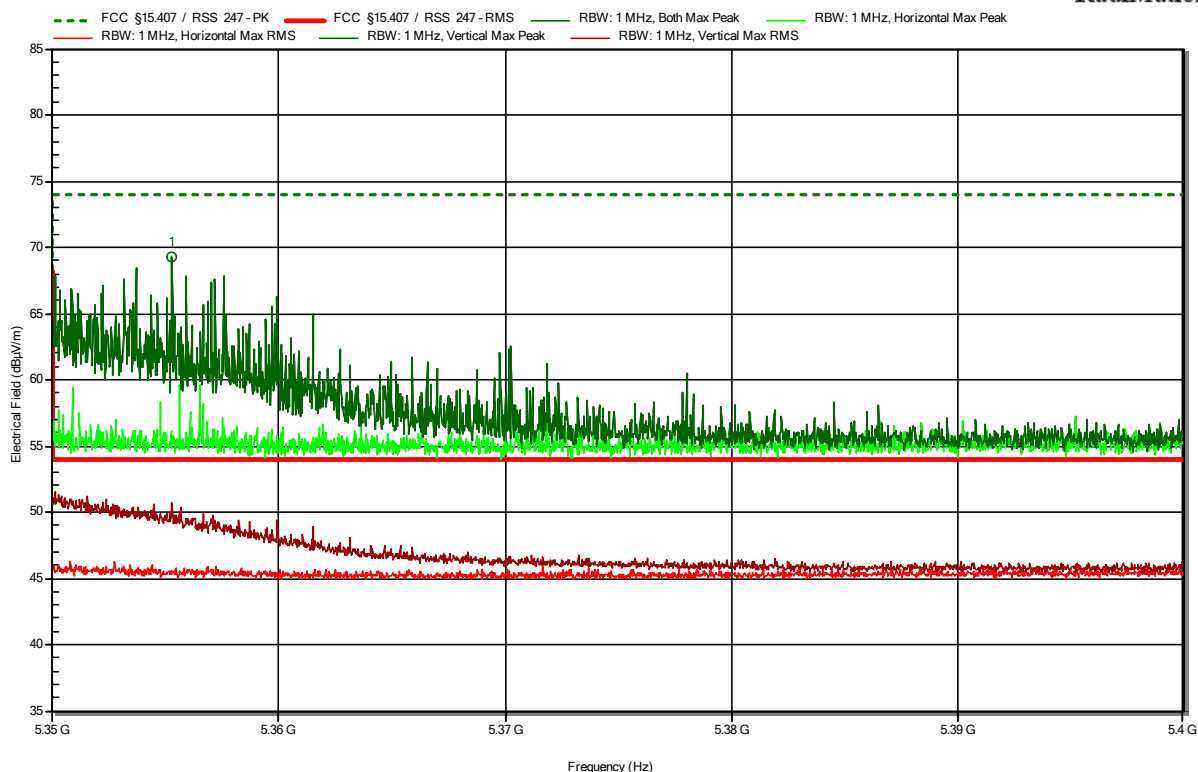


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5310MHz, HE40, MCS0
 Test Date: 2023-11-04
 Note: Upper band area

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.355 GHz	69.31 dBµV/m	74 dBµV/m	-4.69 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.355 GHz	50.74 dBµV/m	54 dBµV/m	-3.26 dB	Pass	Vertical

Test Report No.: G0M-2302-1881-TFC407WF-W260-V03

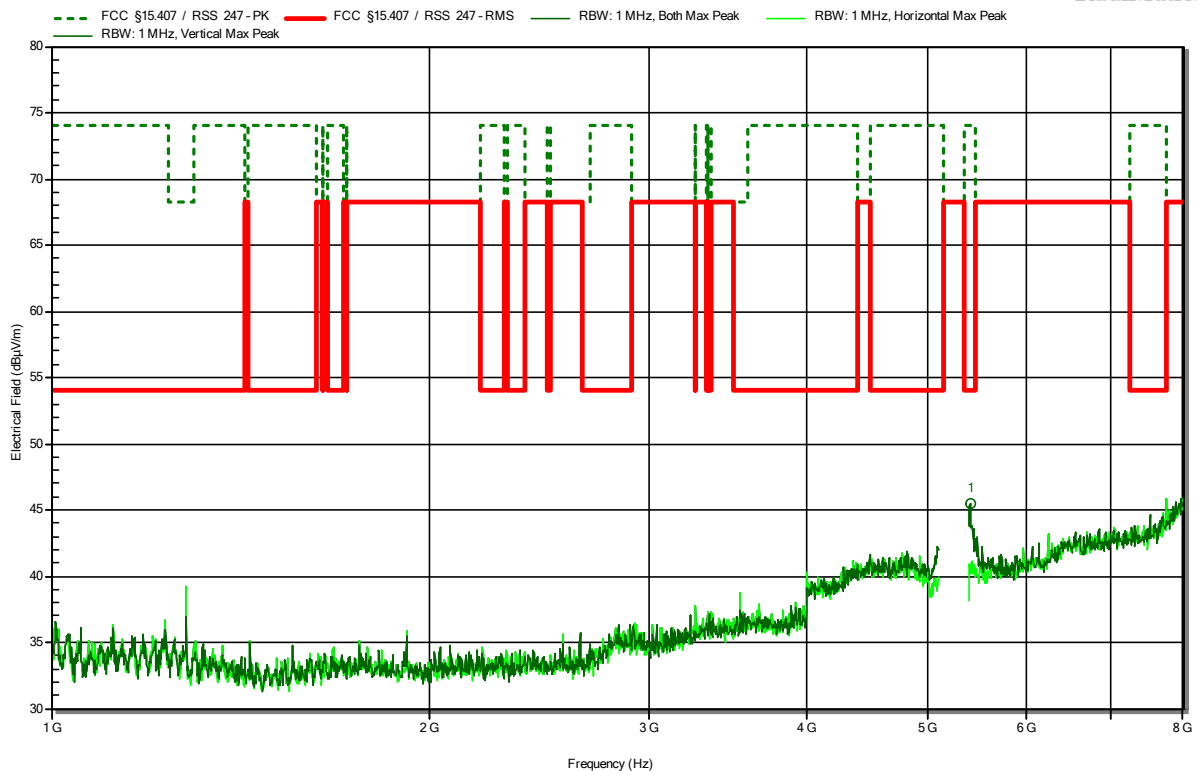
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5310MHz, HE40, MCS0
 Test Date: 2023-11-06

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RadiMation



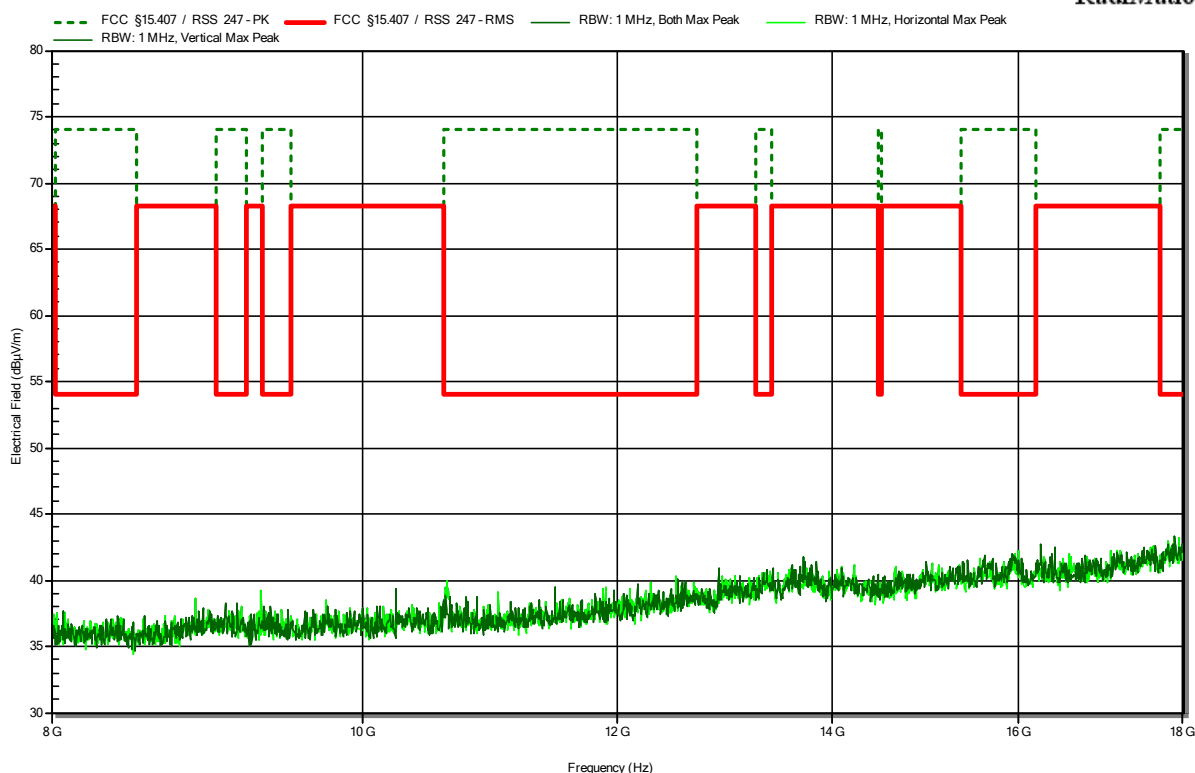
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.408 GHz	45.51 dBμV/m	74 dBμV/m	-28.49 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11ax, 5310MHz, HE40, MCS0
 Test Date: 2023-11-07

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RadiMation

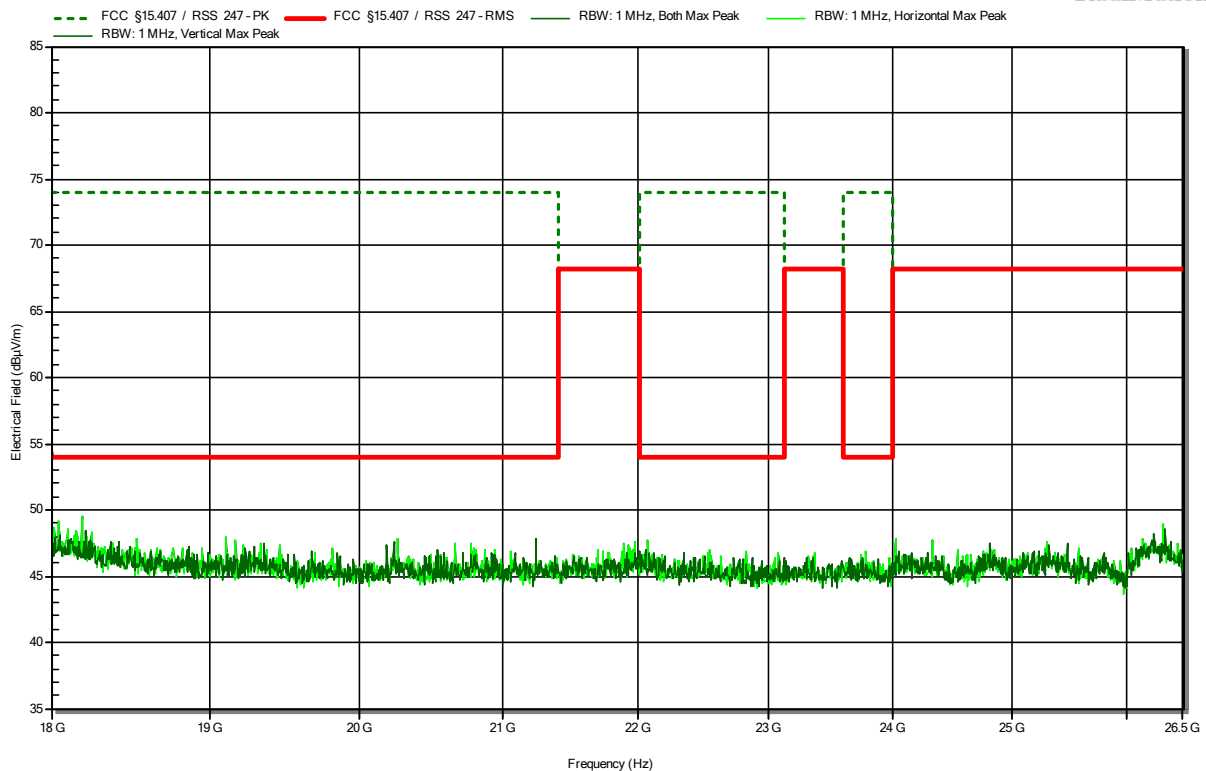


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5310MHz, HE40, MCS0
 Test Date: 2023-11-09

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RadiMation

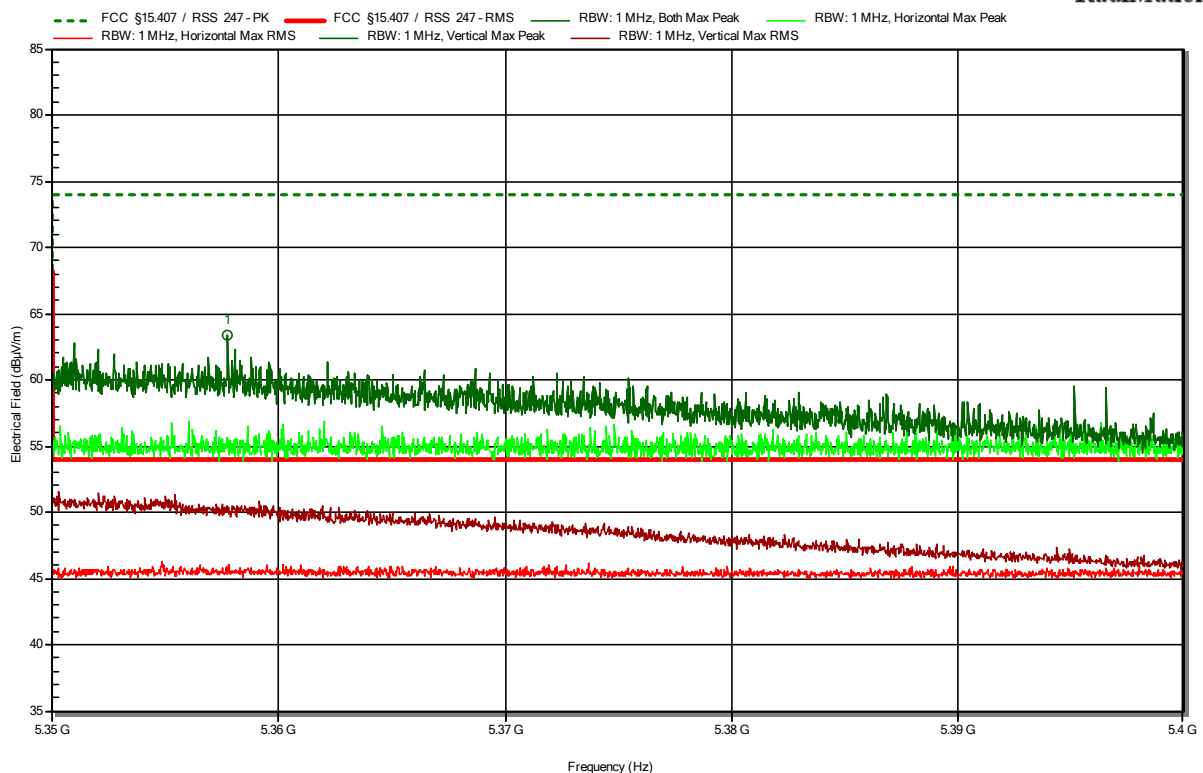


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5290MHz, HE80, MCS0
 Test Date: 2023-11-06
 Note: Upper band area

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RadiMation



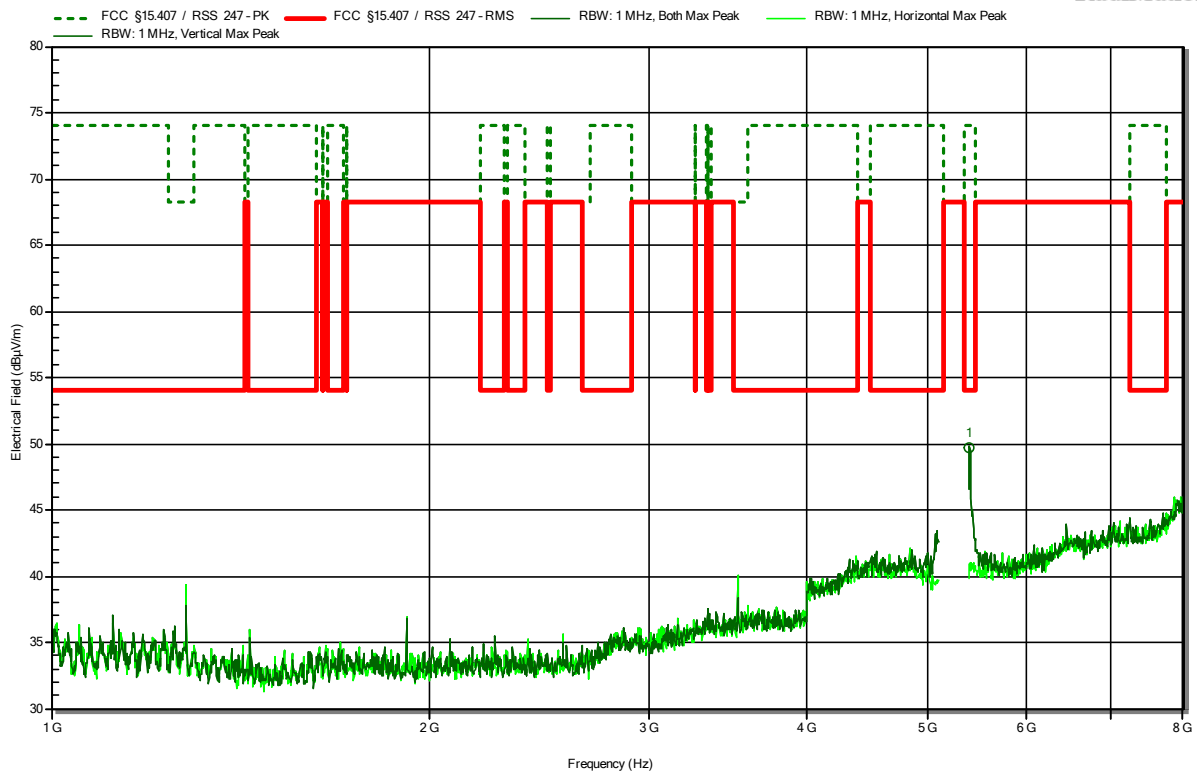
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.358 GHz	63.32 dBµV/m	74 dBµV/m	-10.68 dB	Pass	Vertical
Frequency	RMS	RMS Limit	RMS Difference	RMS Status	Polarization
5.358 GHz	50.18 dBµV/m	54 dBµV/m	-3.82 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5290MHz, HE80, MCS0
 Test Date: 2023-11-06

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RadiMation



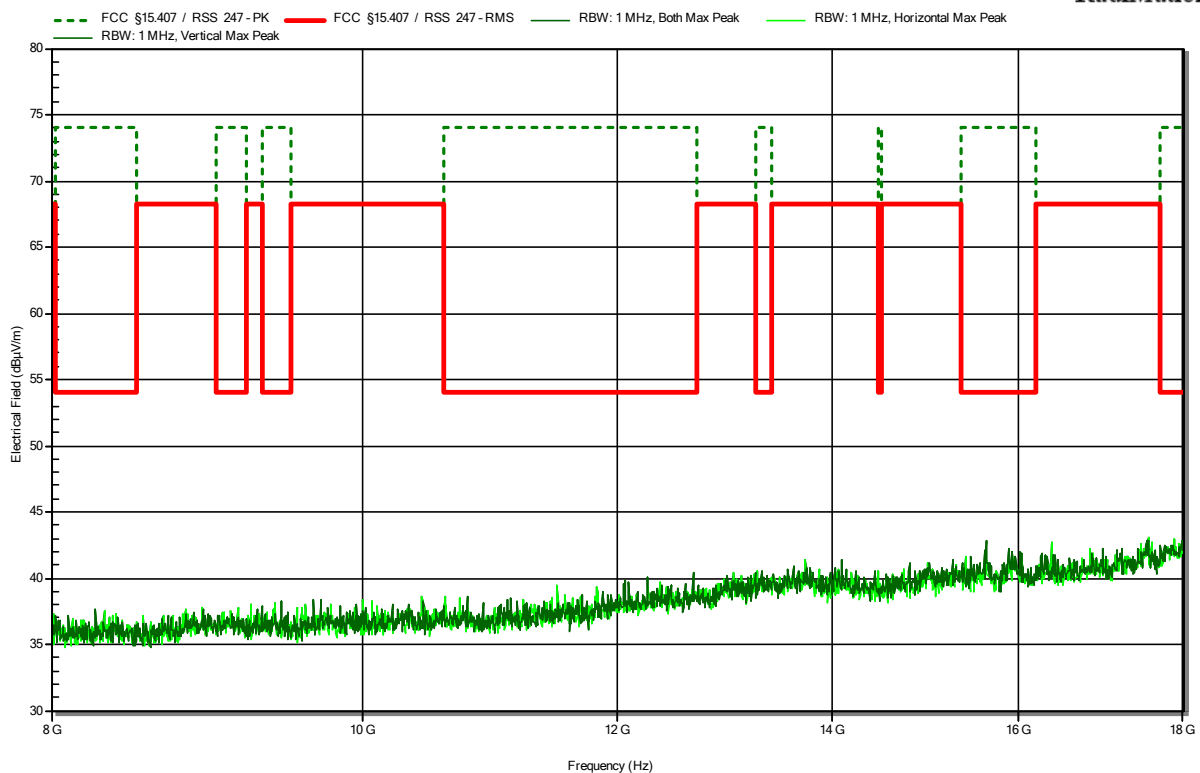
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.401 GHz	49.75 dBμV/m	74 dBμV/m	-24.25 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11ax, 5290MHz, HE80, MCS0
 Test Date: 2023-11-07

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RadiMation

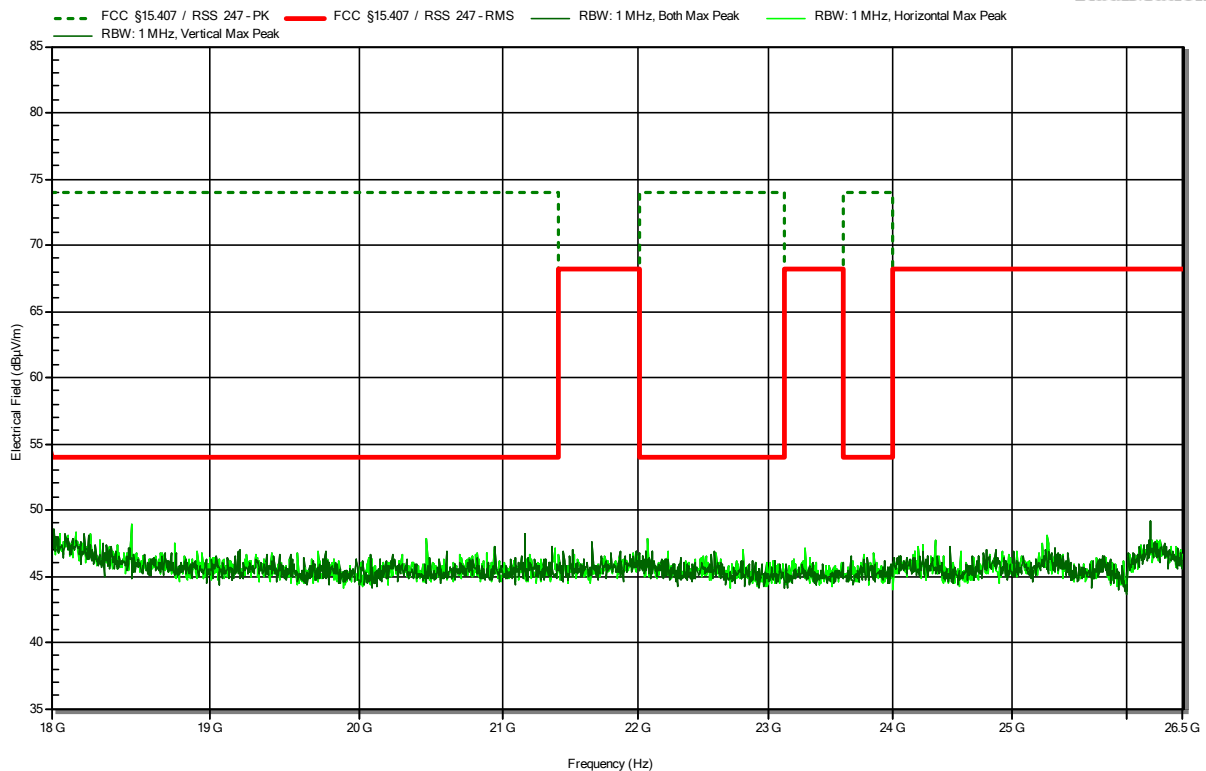


Radiated Spurious Emissions according to 47 CFR Part 15.407, RSS-247 Issue 2

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5290MHz, HE80, MCS0
 Test Date: 2023-11-09

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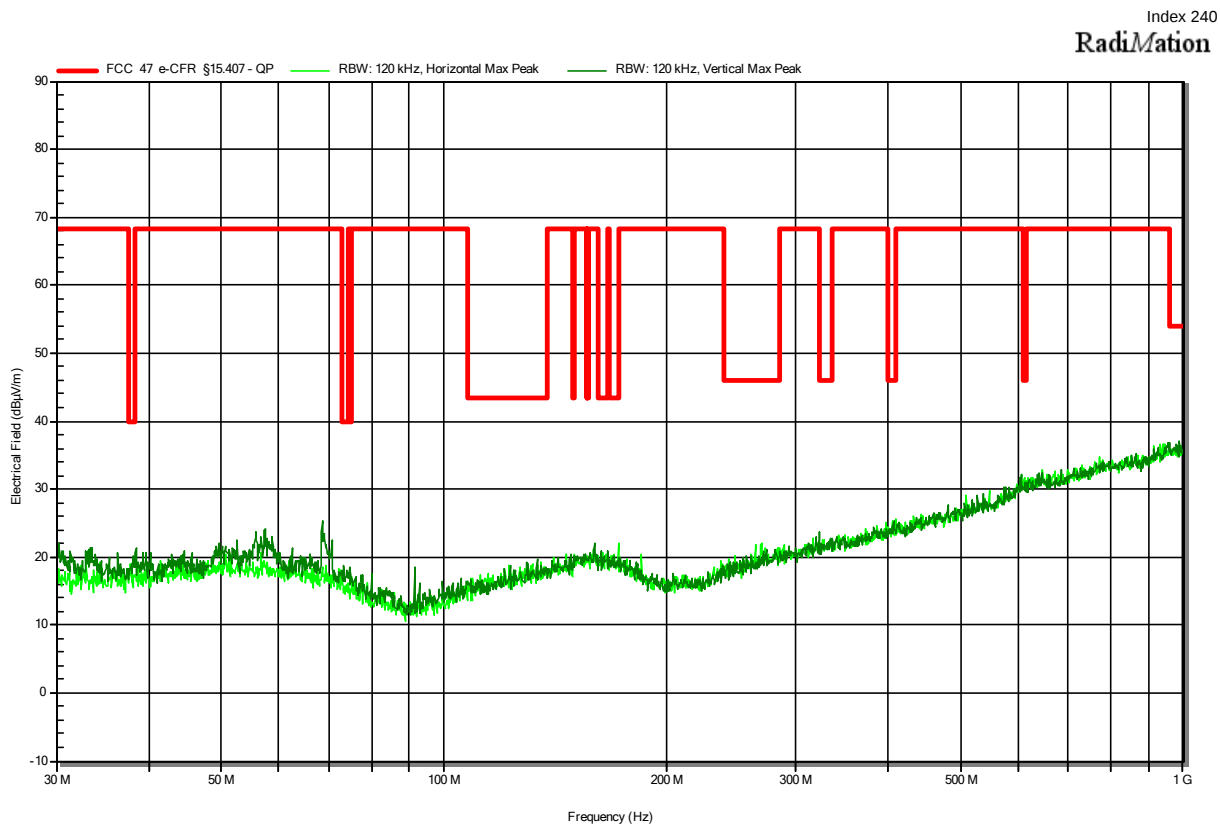
RadiMation



U-NII-2C (ax mode)

Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 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: Tx; IEEE 802.11ax, 5500 MHz, HE20, MCS0
 Test Date: 2023-11-04

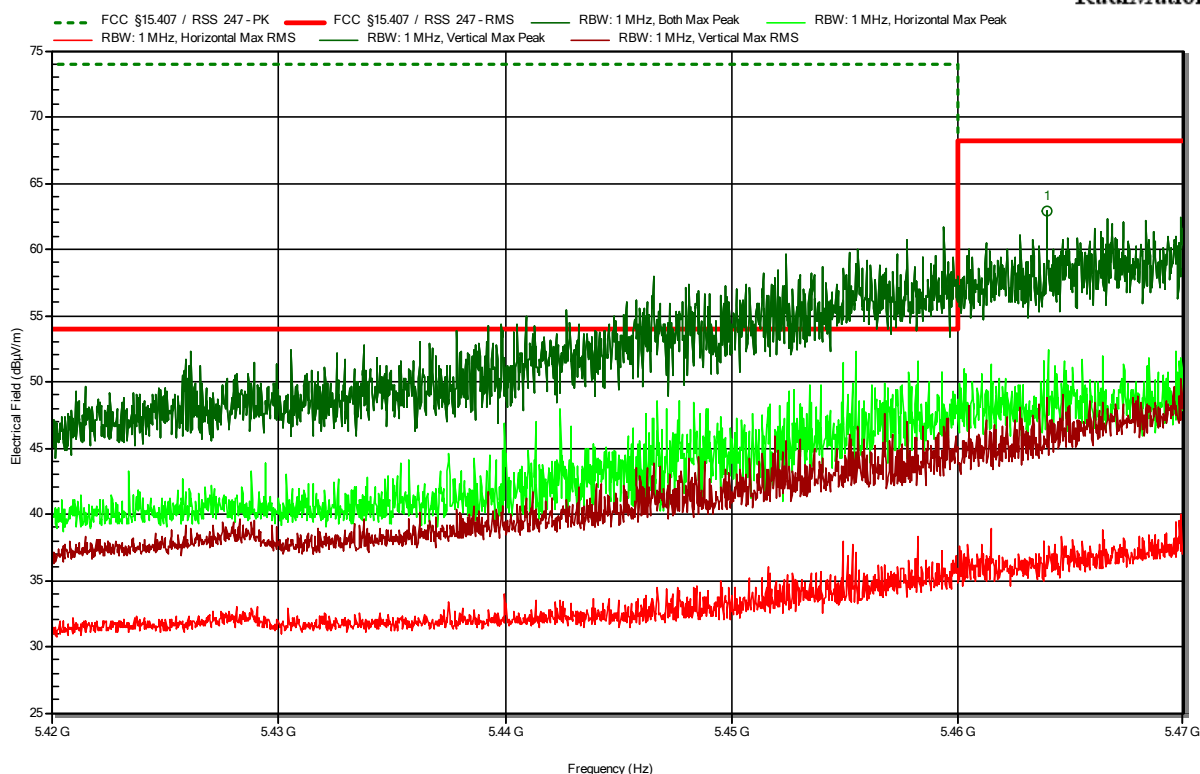


Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5500MHz, HE20, MCS0
 Test Date: 2023-11-06
 Note: lower band area

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RadiMation



Frequency 5.464 GHz	Peak 62.93 dBμV/m	Peak Limit 68.2 dBμV/m	Peak Difference -5.27 dB	Peak Status Pass	Polarization Vertical
Frequency 5.464 GHz	RMS 48.81 dBμV/m	RMS Limit 68.2 dBμV/m	RMS Difference -19.39 dB	RMS Status Pass	Polarization Vertical

Test Report No.: G0M-2302-1881-TFC407WF-W260-V03

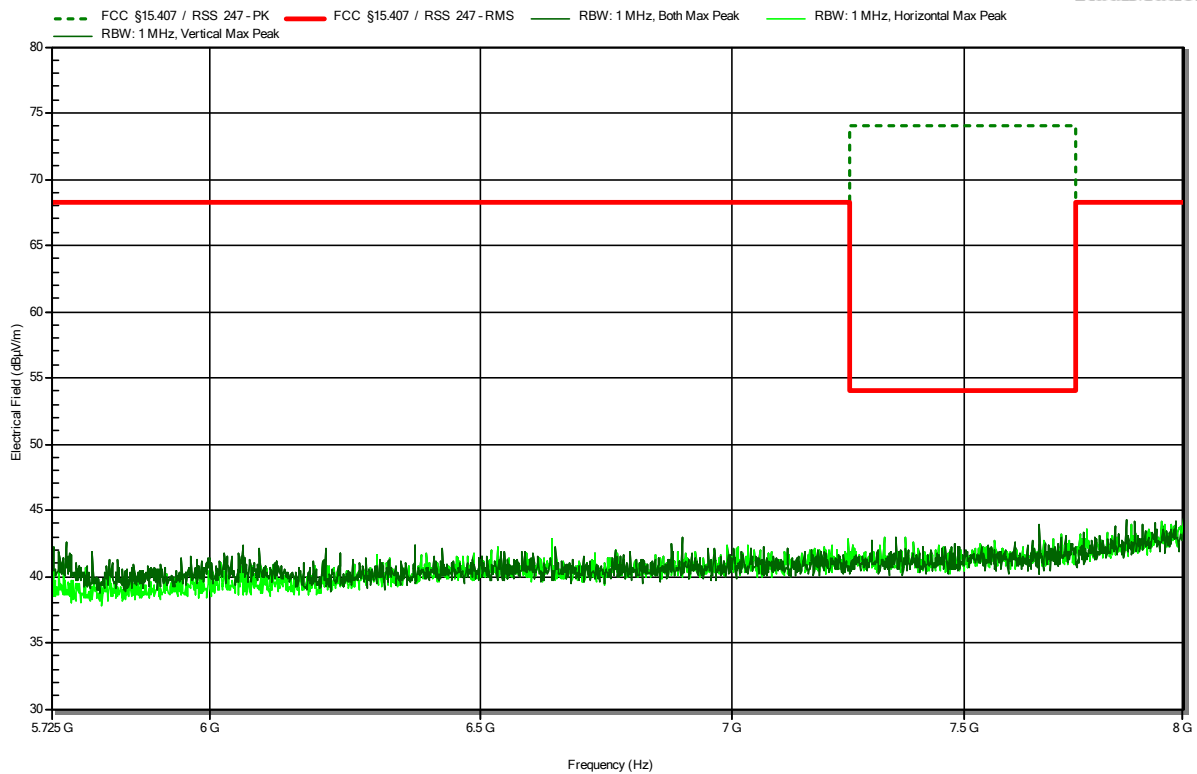
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5500MHz, HE20, MCS0
 Test Date: 2023-11-06
 Note:

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RadiMation

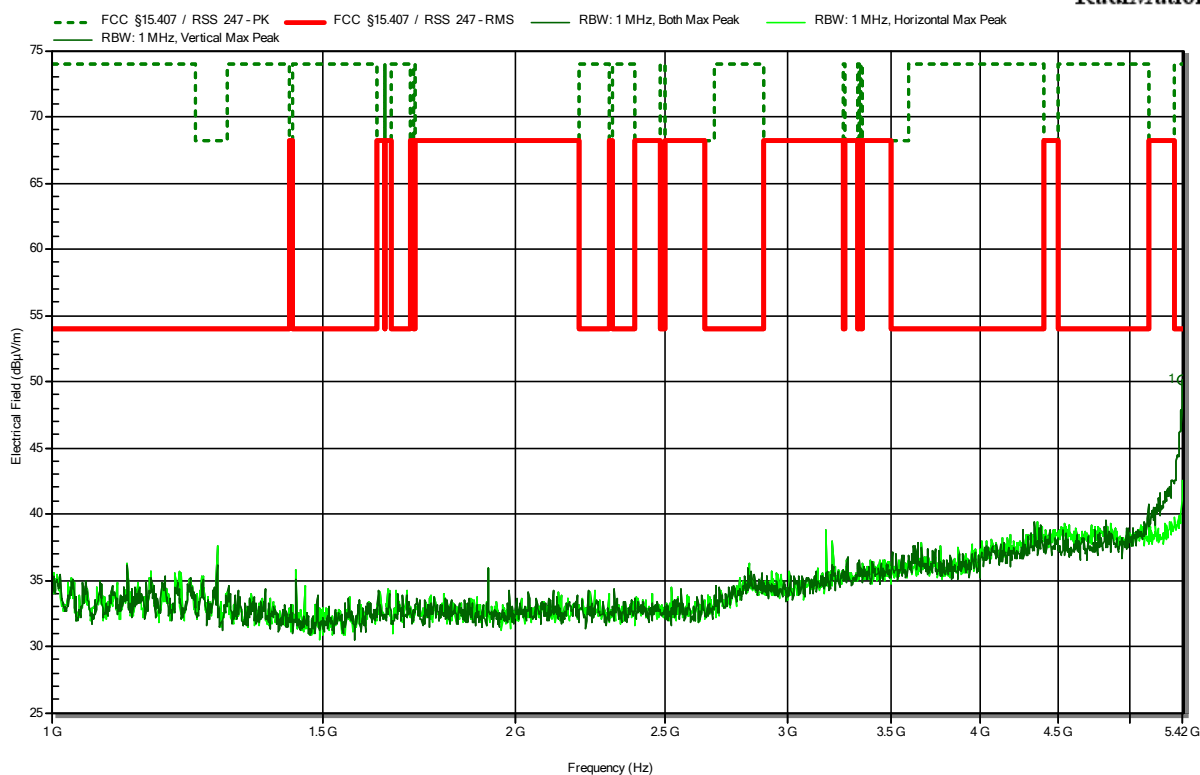


Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5500MHz, HE20, MCS0
 Test Date: 2023-11-06

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RadiMation



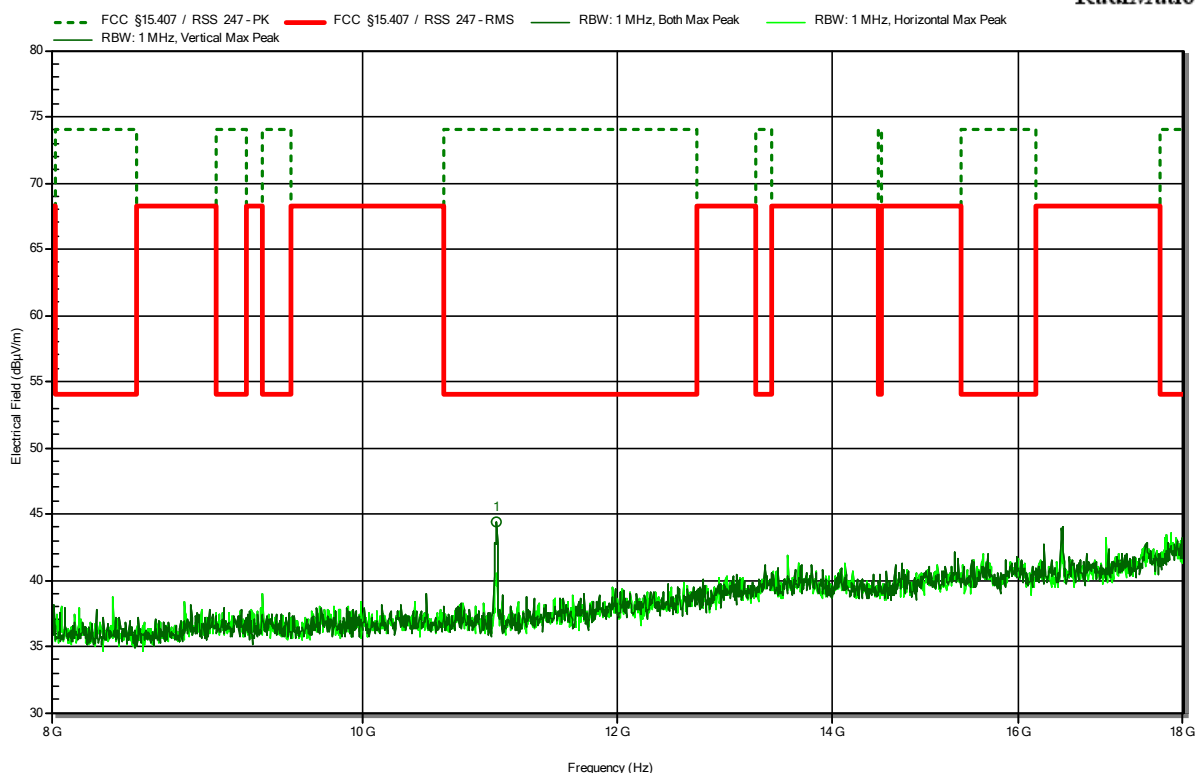
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.413 GHz	50.15 dBμV/m	74 dBμV/m	-23.85 dB	Pass	Vertical

Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11ax, 5500MHz, HE20, MCS0
 Test Date: 2023-11-07

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RadiMation



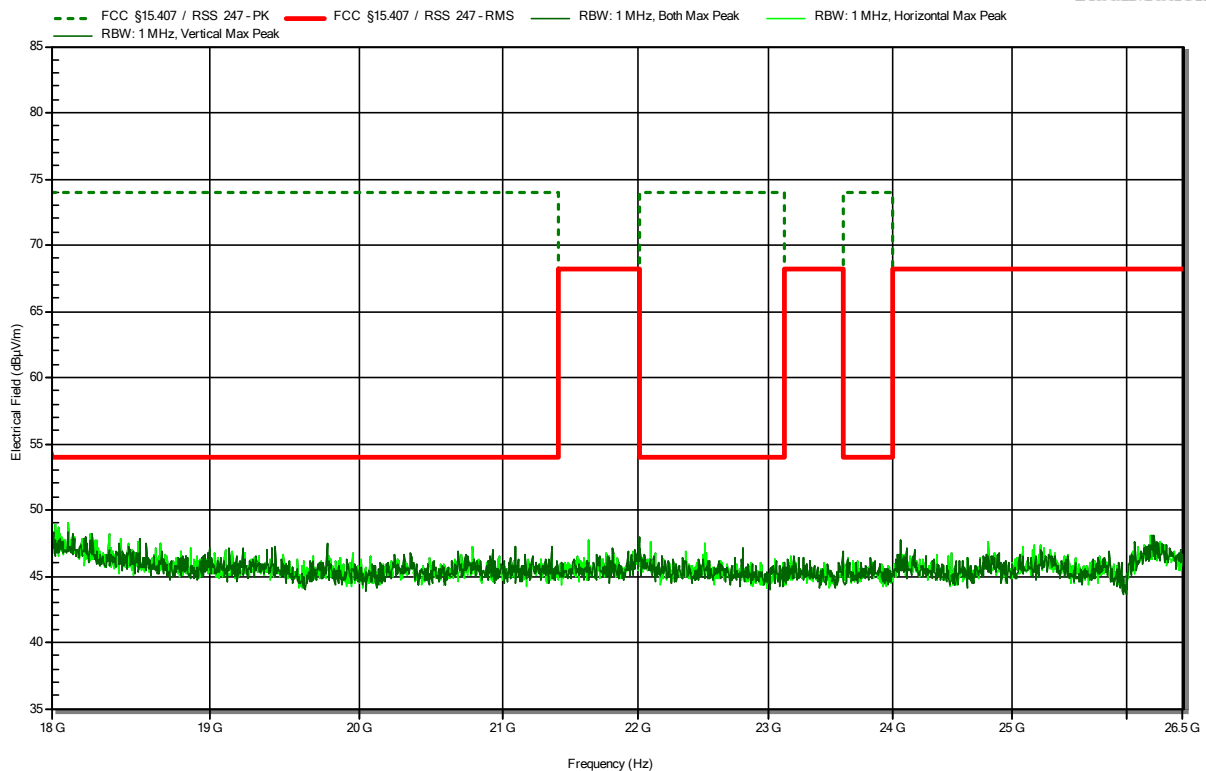
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
11.002 GHz	44.39 dBμV/m	74 dBμV/m	-29.61 dB	Pass	Vertical

Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5500MHz, HE20, MCS0
 Test Date: 2023-11-09

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RadiMation

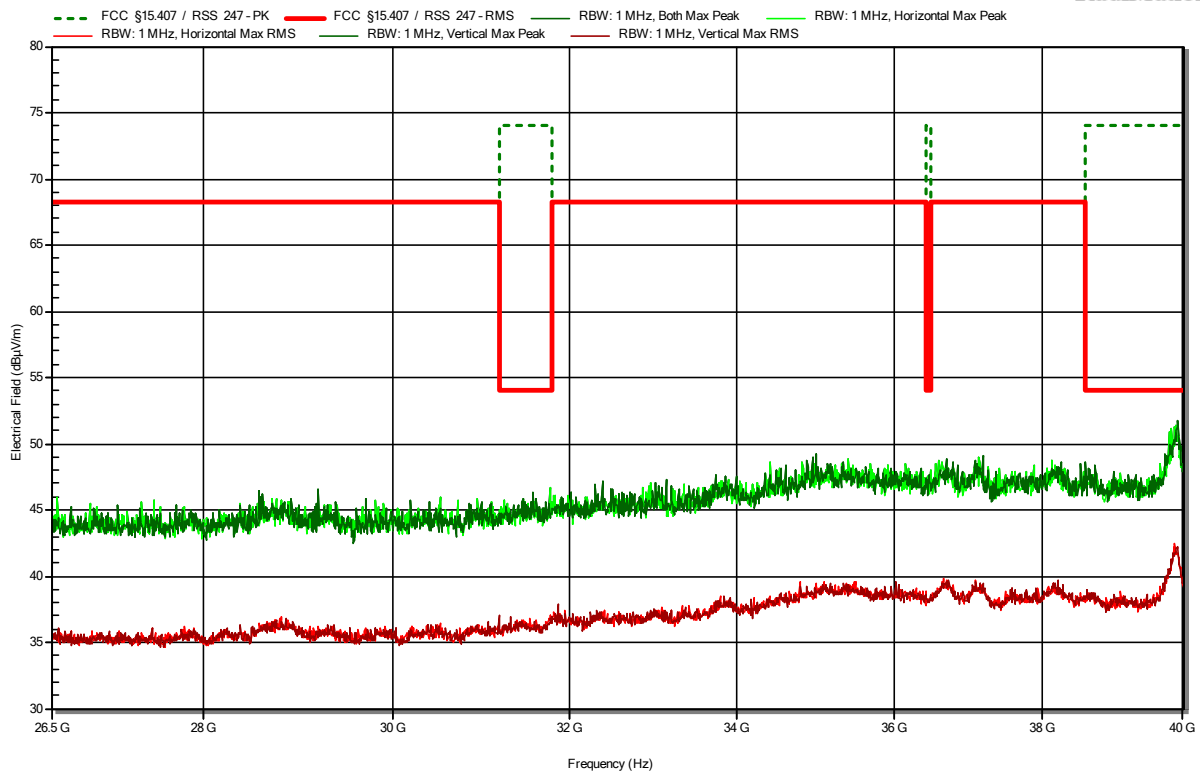


Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 3.3 VDC
 Antenna: Flann 22240-25
 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11ax, 5500MHz, HE20, MCS0
 Test Date: 2023-11-09

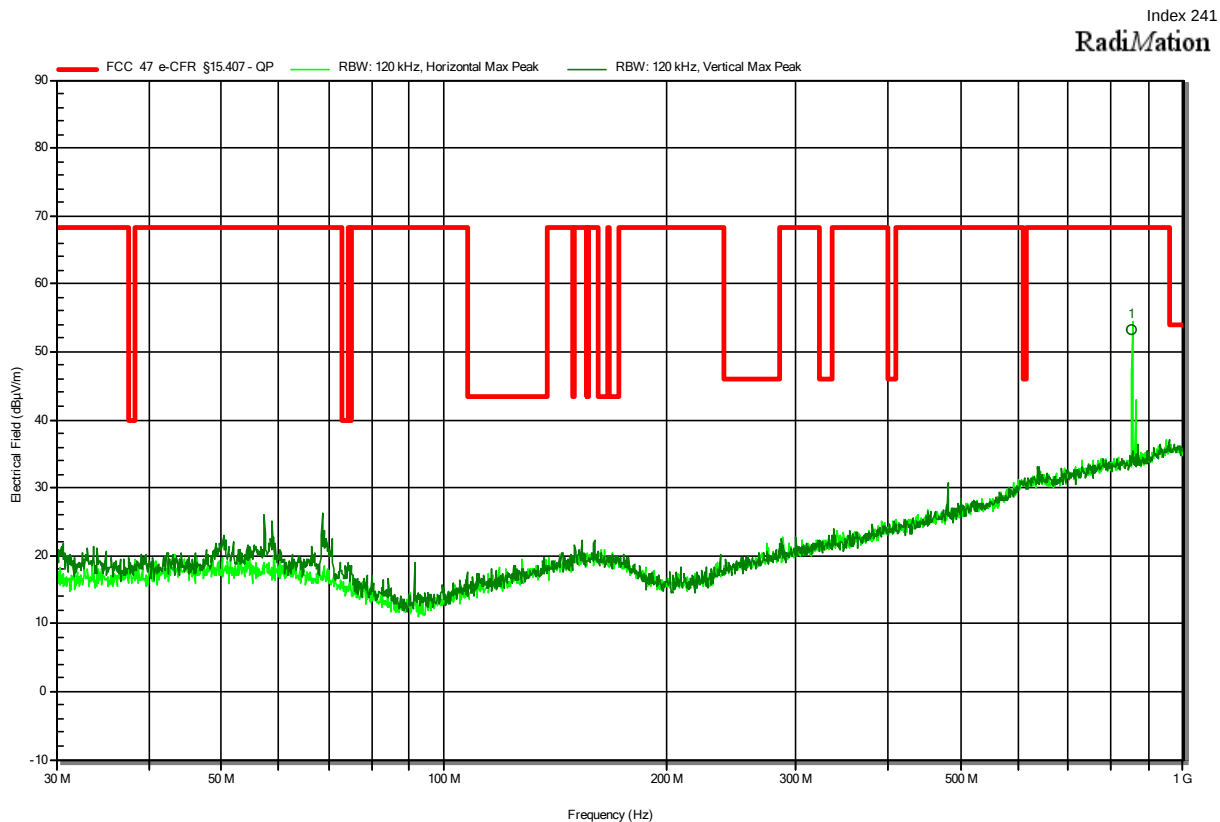
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RadiMation



Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 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: Tx; IEEE 802.11ax, 5600 MHz, HE20, MCS0
 Test Date: 2023-11-04



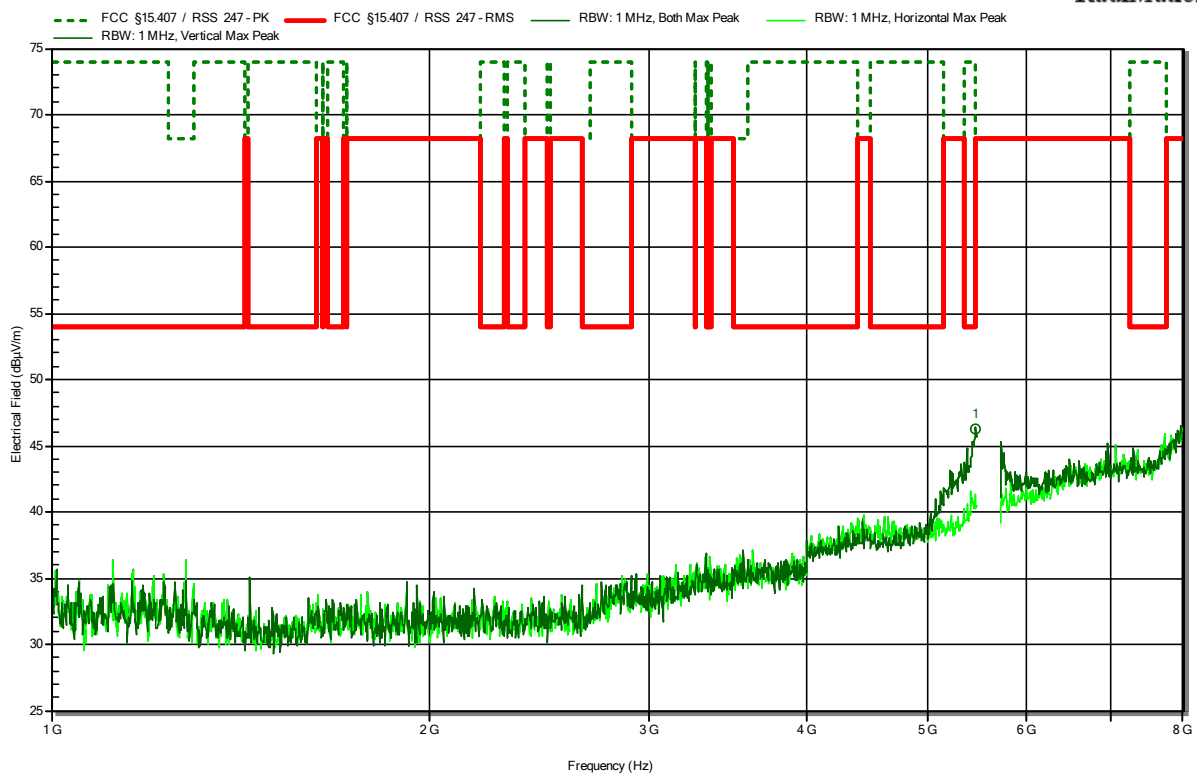
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
853.142 MHz	53.3 dBµV/m	68.2 dBµV/m	-14.95 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan Sohrabi
 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 802.11ax, 5600MHz, HE20, MCS0
 Test Date: 2023-11-06

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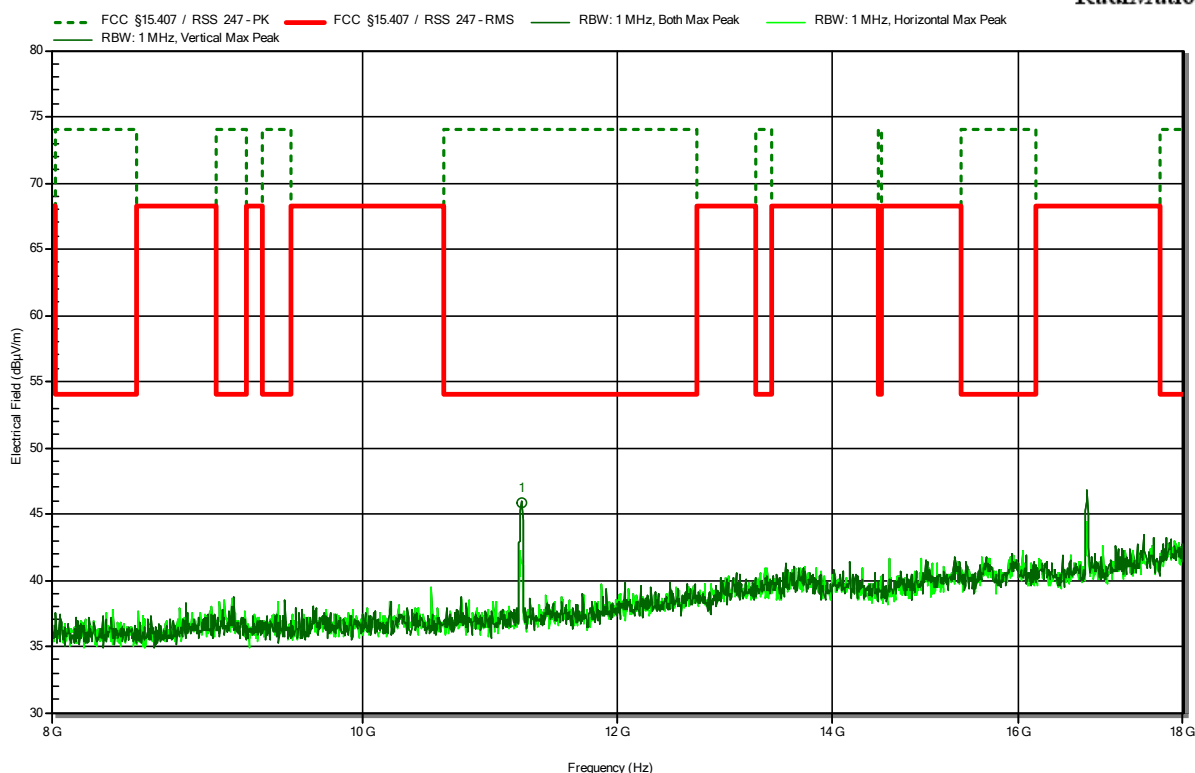
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
5.461 GHz	46.32 dBµV/m	68.2 dBµV/m	-21.88 dB	Pass	Vertical

Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 Test Site: Eurofins Product Service GmbH
 Operator: Ehsan 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: Tx; IEEE 802.11ax, 5600MHz, HE20, MCS0
 Test Date: 2023-11-07

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
11.2 GHz	45.86 dBμV/m	74 dBμV/m	-28.14 dB	Pass	Vertical

Radiated Spurious Emissions according to RSS-247 Issue 2, 47 CFR Part 15.407

Project Number: G0M-2302-1881
 Applicant: u-blox Malmö AB
 Model Description: Host-based multiradio module
 Model: MAYA-W260-00B
 Test Sample ID: 45122
 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: Tx; IEEE 802.11ax, 5700 MHz, HE20, MCS0
 Test Date: 2023-11-04

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