RADIO TEST REPORT

FCC ID	:	UDX-600124010
Equipment	:	Wi-Fi 6 Access Point
Brand Name	:	CISCO
Model Name	:	MR36H-HW
Applicant	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Standard	:	47 CFR FCC Part 15.247

The product was received on Jul. 28, 2021, and testing was started from Aug. 20, 2021 and completed on Nov. 10, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

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Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR172724AA	01	Initial issue of report	Dec. 01, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2452	3-9 [7]

<For Radio 1>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX/2TX
2.4-2.4835GHz	802.11g	20	1TX/2TX
2.4-2.4835GHz	802.11n HT20	20	1TX/2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40	40	1TX/2TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX
2.4-2.4835GHz	VHT20	20	1TX/2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	VHT40	40	1TX/2TX
2.4-2.4835GHz	VHT40-BF	40	2TX
2.4-2.4835GHz	ax (HEW20)	20	1TX/2TX
2.4-2.4835GHz	ax (HEW20)-BF	20	2TX
2.4-2.4835GHz	ax (HEW40)	40	1TX/2TX
2.4-2.4835GHz	ax (HEW40)-BF	40	2TX

<For Radio 2: Scanning>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX
2.4-2.4835GHz	VHT20	20	1TX
2.4-2.4835GHz	VHT40	40	1TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	Sercomm	617211KN	PIFA	I-PEX	Note 1
2	2	Sercomm	617211KP	PIFA	I-PEX	
3	1	Unictron	H2U84W1H1S0300	CHIP	N/A	
4	1	Sercomm	617211KR	PIFA	I-PEX	

Note 1

Ant.	Port	Gain (dBi)						Radio	Remark
		2.4GHz	5GHz UNII 1	5GHz UNII 2A	5GHz UNII 2C	5GHz UNII 3	Bluetooth		
1	1	3.3	4.2	4.2	4.4	4.1	-	Radio 1	1TX/2RX
2	2	3.1	3.4	3.4	3.5	3.4	-		2TX/2RX
3	1	2.9	2.9	2.9	3.0	3.2	-	Radio 2	1TX/1RX
4	1	-	-	-	-	-	2.5	Radio 3	1TX/1RX

Note 2: The above information was declared by manufacturer.

<For Radio 1>

2.4GHz Band

For IEEE 802.11b/g/n/VHT/ax mode (1TX/2RX):

The EUT supports 1TX/2RX function, and it supports TX diversity function.

Both Port 1 and Port 2 could be used as transmitting antenna, but only one of them will be used at one time. Port 1 and Port 2 could receive simultaneously.

Both Port 1 and Port 2 are selected to test.

802.11b/g/n/VHT/ax mode (2TX/2RX):

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

5GHz Band

For IEEE 802.11a/n/ac/ax mode (1TX/2RX):

The EUT supports 1TX/2RX function, and it supports TX diversity function.

Both Port 1 and Port 2 could be used as transmitting antenna, but only one of them will be used at one time. Port 1 and Port 2 could receive simultaneously.

Both Port 1 and Port 2 are selected to test.

For IEEE 802.11a/n/ac/ax mode (2TX/2RX):

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

<For Radio 2: Scanning>

2.4GHz Band

For IEEE 802.11b/g/n/VHT mode (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

5GHz Band

For IEEE 802.11a/n/ac mode (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

<For Radio 3>

For Bluetooth mode (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

Note 3: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

$NSS1(g1,1) = 10^{G1/20}$; $NSS1(g1,2) = 10^{G2/20}$; $NSS1(g1,2) = 10^{G3/20}$; $NSS1(g1,2) = 10^{G4/20}$

$gj,k = (Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2$

$DG = 10 \log[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}] => 10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

G1 = Ant 1 Gain ; G2 = Ant 2 Gain ; G3 = Ant 3 Gain ; G4 = Ant 4 Gain ;

2.4GHz DG = 6.31 dBi

5 GHz U-NII-1 DG = 6.82 dBi

5 GHz U-NII-3 DG = 6.77 dBi

1.1.3 Mode Test Duty Cycle

<Radio 1: Ant. 1> 1TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.6	2.22	648.75u	3k
802.11g	0.951	0.22	1.433m	1k
802.11ax HEW20	0.943	0.25	5.447m	300
802.11ax HEW40	0.96	0.18	5.447m	300

<Radio 1: Ant. 2> 1TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.624	2.05	648.75u	3k
802.11g	0.945	0.25	1.433m	1k
802.11ax HEW20	0.949	0.23	5.448m	300
802.11ax HEW40	0.953	0.21	5.448m	300

<Radio 1: Ant. 1 + Ant. 2> 2TX
For Non-beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.648	1.88	648.25u	3k
802.11g	0.926	0.33	1.434m	1k
802.11ax HEW20	0.933	0.3	5.445m	300
802.11ax HEW40	0.938	0.28	5.447m	300

For Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.932	0.31	1.765m	1k
802.11ax HEW40-BF	0.923	0.35	1.978m	1k

<Radio 2: Scanning> 1TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.924	0.34	2.029m	1k
VHT20	0.924	0.34	1.897m	1k
VHT40	0.876	0.57	936.875u	3k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz.			
Test Software Version	<Non-beamforming mode> QSPR [Version 5.0-00188] <Beamforming mode> DOS [ver 6.1.7601]、LanTest 2.0			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15.247
- ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF.

- FCC KDB 558074 D01 v05r02
- FCC KDB 662911 D01 v02r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Lucas Haung	23.1~24.3 / 53~57	Aug. 28, 2021~ Oct. 14, 2021
Radiated <Below 1GHz>	03CH05-CB	Simmon Zheng	23.5-24.6 / 55-59	Aug. 20, 2021~ Nov. 10, 2021
Radiated <Above 1GHz>	03CH02-CB	Simmon Zheng	24.4-25.5 / 55-58	Aug. 20, 2021~ Nov. 10, 2021
Radiated <Co-location>	03CH05-CB	Simmon Zheng	23.5-24.6 / 55-59	Aug. 20, 2021~ Nov. 10, 2021
AC Conduction	CO01-CB	Ryo Fan	24~26 / 60~61	Aug. 30, 2021

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Radio 1: Ant. 1> 1TX

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	22.5
2417MHz	23
2437MHz	24
2457MHz	22
2462MHz	21
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	20.5
2417MHz	20.5
2437MHz	24
2457MHz	21
2462MHz	19.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	20
2417MHz	20.5
2437MHz	24
2457MHz	20.5
2462MHz	19
802.11ax HEW40_Nss1,(MCS0)_1TX	-
2422MHz	18.5
2437MHz	19.5
2452MHz	17.5

<Radio 1: Ant. 2> 1TX

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	21.5
2417MHz	21.5
2437MHz	24
2457MHz	21.5
2462MHz	20
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	19.5
2417MHz	20.5
2437MHz	24
2457MHz	20
2462MHz	19
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	20
2417MHz	20.5
2437MHz	24
2457MHz	20
2462MHz	19
802.11ax HEW40_Nss1,(MCS0)_1TX	-
2422MHz	18
2437MHz	19
2452MHz	19

<Radio 1: Ant. 1 + Ant. 2> 2TX
For Non-beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2437MHz	23
2457MHz	21
2462MHz	20
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	19.5
2417MHz	20.5
2437MHz	24
2457MHz	19.5
2462MHz	18
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	19.5
2417MHz	20.5
2437MHz	24
2457MHz	19.5
2462MHz	17.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	17
2437MHz	18
2452MHz	15.5

For Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	-
2412MHz	17
2437MHz	20
2462MHz	20
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	-
2422MHz	17
2437MHz	20
2452MHz	18

<Radio 2: Scanning> 1TX

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	24
2417MHz	24.5
2437MHz	28
2457MHz	23.5
2462MHz	23
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	20.5
2417MHz	23
2437MHz	26.5
2457MHz	21.5
2462MHz	19
VHT20_Nss1,(MCS0)_1TX	-
2412MHz	18.5
2417MHz	21
2437MHz	26
2457MHz	21
2462MHz	19
VHT40_Nss1,(MCS0)_1TX	-
2422MHz	16
2427MHz	17.5
2437MHz	20.5
2452MHz	18

Note:
<Radio 1>
Evaluated HEW20/HEW40 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40.
<Radio 2>
Evaluated VHT20/VHT40 mode only, due to similar modulation. The power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	Radio 1 (5GHz) + Radio 1 (2.4GHz) + Radio 2 (2.4GHz) + Radio 3 (Bluetooth) + PoE 1 (power by pass WAN port)
2	Radio 1 (5GHz) + Radio 1 (2.4GHz) + Radio 2 (5GHz) + Radio 3 (Bluetooth) + PoE 1 (power by pass WAN port)
3	Radio 1 (5GHz) + Radio 1 (2.4GHz) + Radio 2 (2.4GHz) + Radio 3 (Bluetooth) + PoE 1 (power by pass through port)
4	Radio 1 (5GHz) + Radio 1 (2.4GHz) + Radio 2 (5GHz) + Radio 3 (Bluetooth) + PoE 1 (power by pass through port)
Mode 1 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 will follow this same test mode.	
5	Radio 1 (5GHz) + Radio 1 (2.4GHz) + Radio 2 (2.4GHz) + Radio 3 (Bluetooth) + PoE 2 (power by pass WAN port)
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
1	<Radio 1: Ant. 1> 1TX
2	<Radio 1: Ant. 2> 1TX
3	<Radio 1: Ant. 1 + Ant. 2> 2TX
4	<Radio 2: Scanning> 1TX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands <above 1GHz>, So the measurement will follow this same test configuration.	
1	EUT in Y axis + WLAN 2.4GHz (power by pass WAN port)
2	EUT in Y axis + WLAN 5GHz (power by pass WAN port)
3	EUT in Y axis + Bluetooth (power by pass WAN port)
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT in Y axis + WLAN 5GHz (power by pass through port)
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	EUT in Y axis <Radio 1: Ant. 1> 1TX
2	EUT in Y axis <Radio 1: Ant. 2> 1TX
3	EUT in Y axis <Radio 1: Ant. 1 + Ant. 2> 2TX
4	EUT in Y axis <Radio 2: Scanning> 1TX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands <above 1GHz>, So the measurement will follow this same test configuration.	
1	EUT in Y axis + WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Radio1 (2.4GHz) + Radio 1 (5GHz) + Radio 2 (2.4GHz) + Radio 3 (Bluetooth)
2	Radio1 (2.4GHz) + Radio 1 (5GHz) + Radio 2 (5GHz) + Radio 3 (Bluetooth)
Refer to Sporton Test Report No.: FA172724 for Co-location RF Exposure Evaluation.	

Note: The PoE below is for measurement only, would not be marketed.

The PoE information as below:

Support Unit	Brand	Model Number
PoE	PHIHONG	POEA33U-1ATE(MA-INJ-4)

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Equipment Name	Brand Name	Model Name	Remark
RJ-45 cable*1	Nienyi	NYS4942	Non-Shielded, 0.1m
Wall Bracket*1	Chain-Ray	945DKN01SB	-

2.5 Support Equipment

For AC Conduction

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	WiFi2 2.4/5G NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	LAN NB	DELL	E6430	N/A
E	LAN NB	DELL	E6430	N/A
F	PoE	PHIHONG	POEA33U-1ATE(MA-INJ-4)	N/A
G	Device	Cisco	MR36H-HW	N/A

For Radiated <below 1GHz>

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POEA33U-1ATE(MA-INJ-4)	N/A

For Radiated <Above 1GHz> and RF Conducted
For Non-beamforming

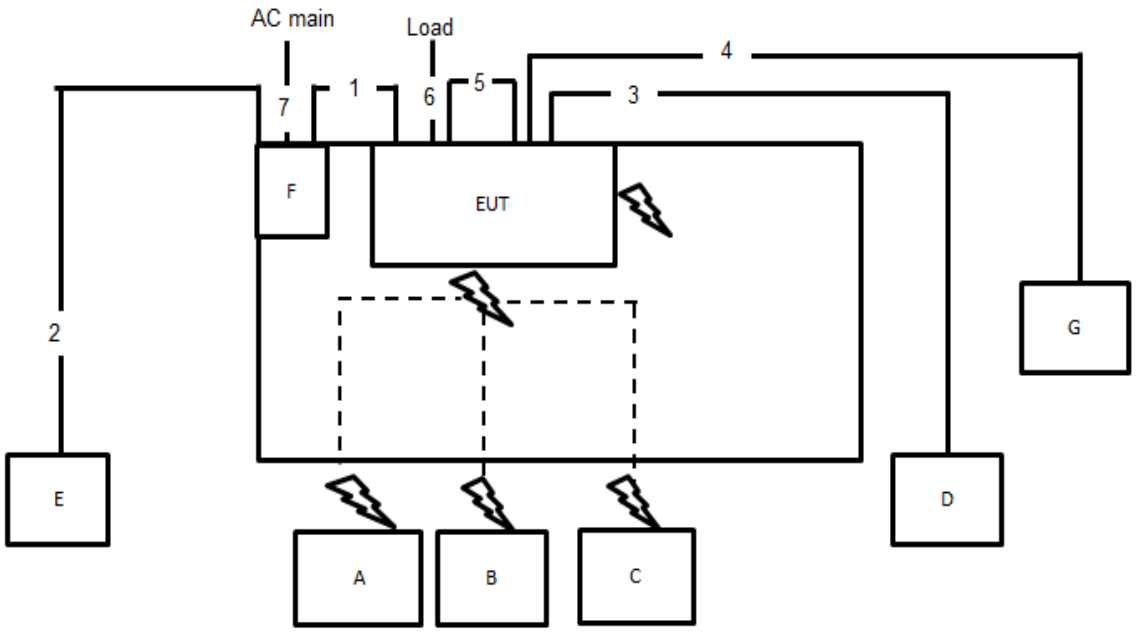
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POEA33U-1ATE(MA-INJ-4)	N/A

For Beamforming

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POEA33U-1ATE(MA-INJ-4)	N/A
C	WLAN AP	Cisco	MR36H-HW	N/A
D	NB	DELL	E4300	N/A

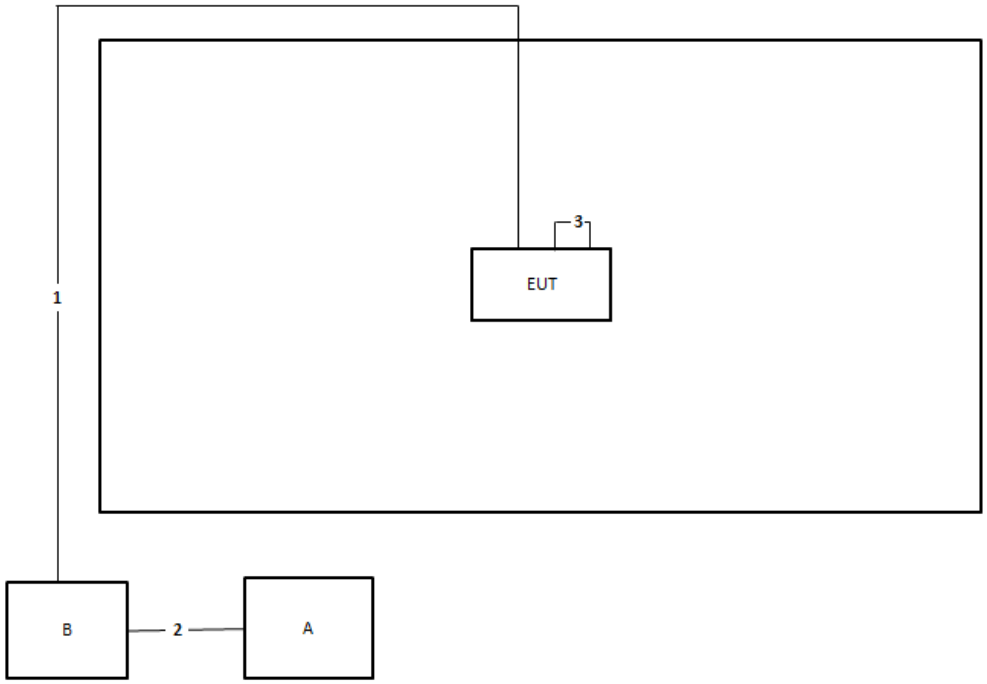
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



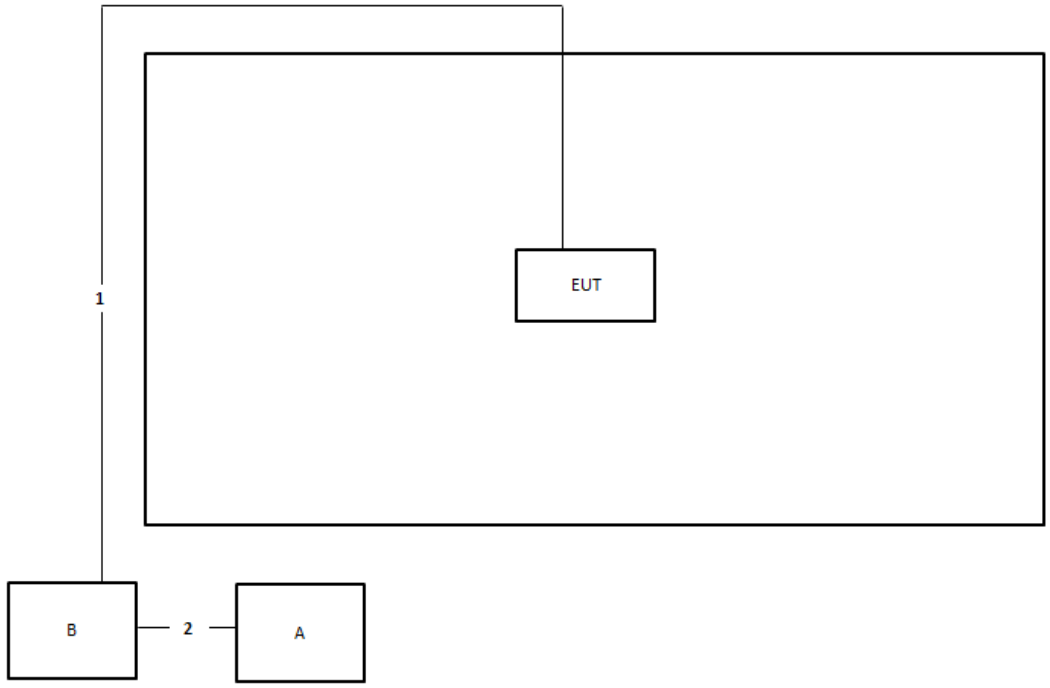
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	0.1m
6	RJ-45 cable	No	1.5m
7	Power cable	No	0.8m

Test Setup Diagram - Radiated Test < 1GHz



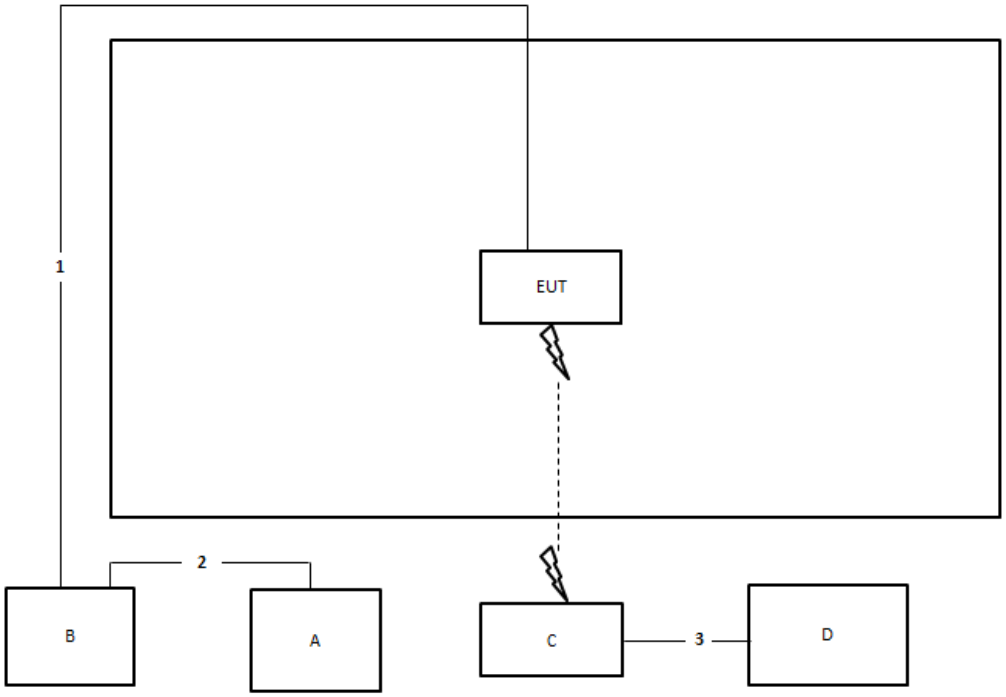
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	0.1m

Test Setup Diagram - Radiated Test > 1GHz
For Non-beamforming



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz
For Beamforming



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

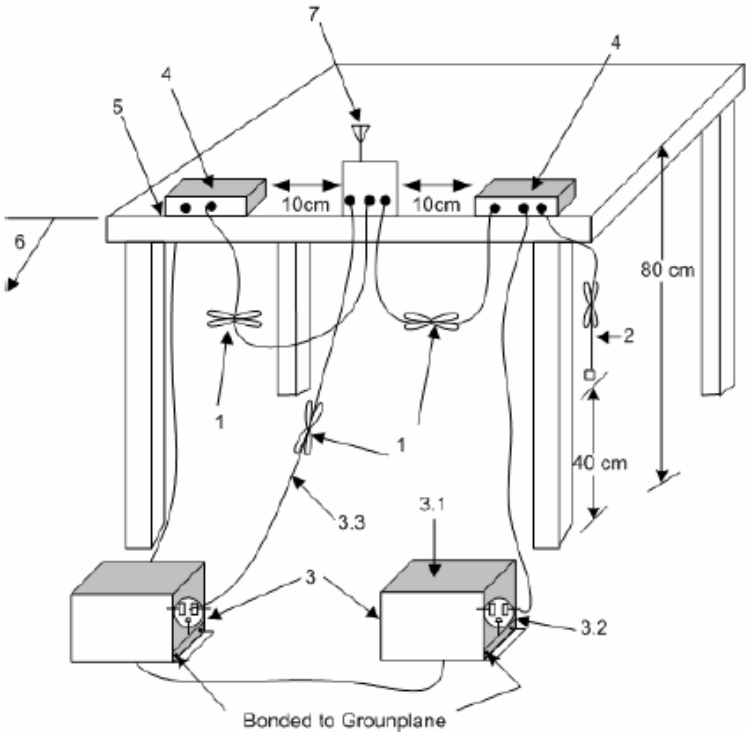
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

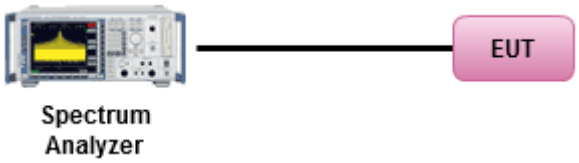
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)	
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm	
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
	▪ Smart antenna system (SAS):	
		- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

3.4.2 Measuring Instruments

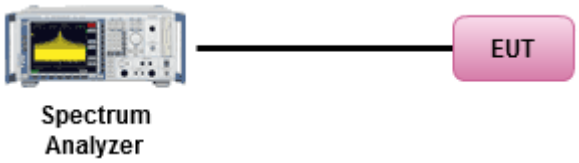
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

3.4.4 Test Setup

Power Spectral Density



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dBc)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

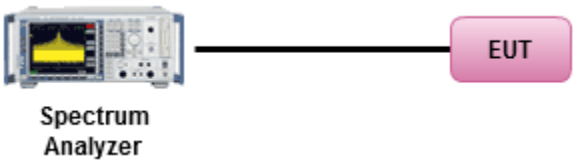
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method
▪ Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

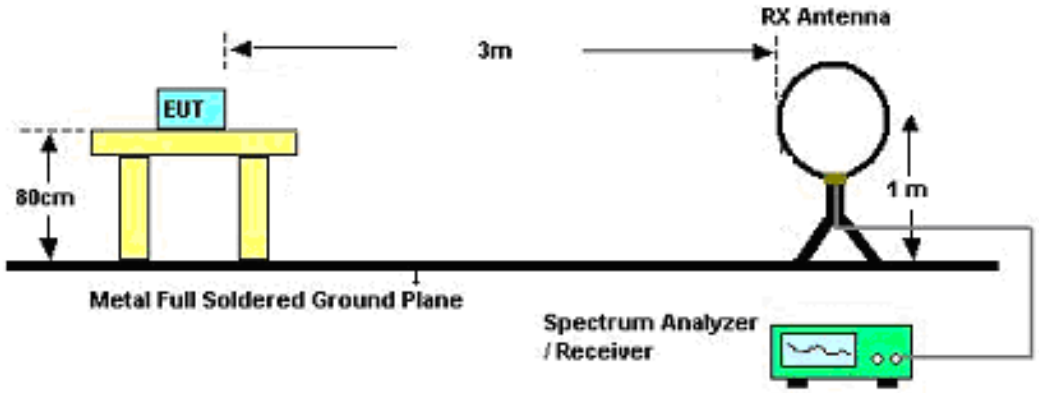
3.6.3 Test Procedures

Test Method			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.		
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.		
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.		
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).		
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB		
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.		

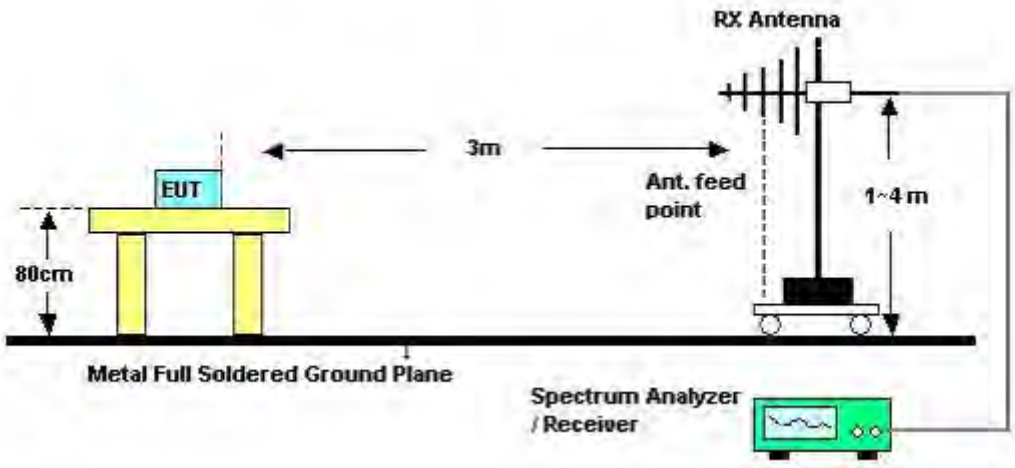
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

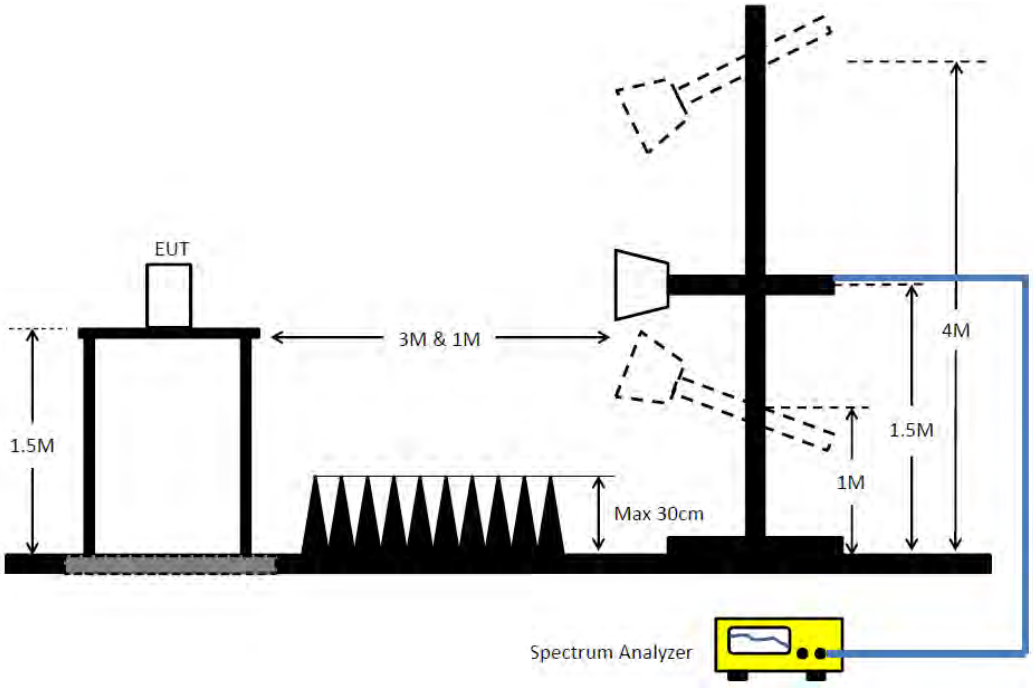
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 29, 2020	Sep. 28, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 31, 2020	Dec. 30, 2021	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

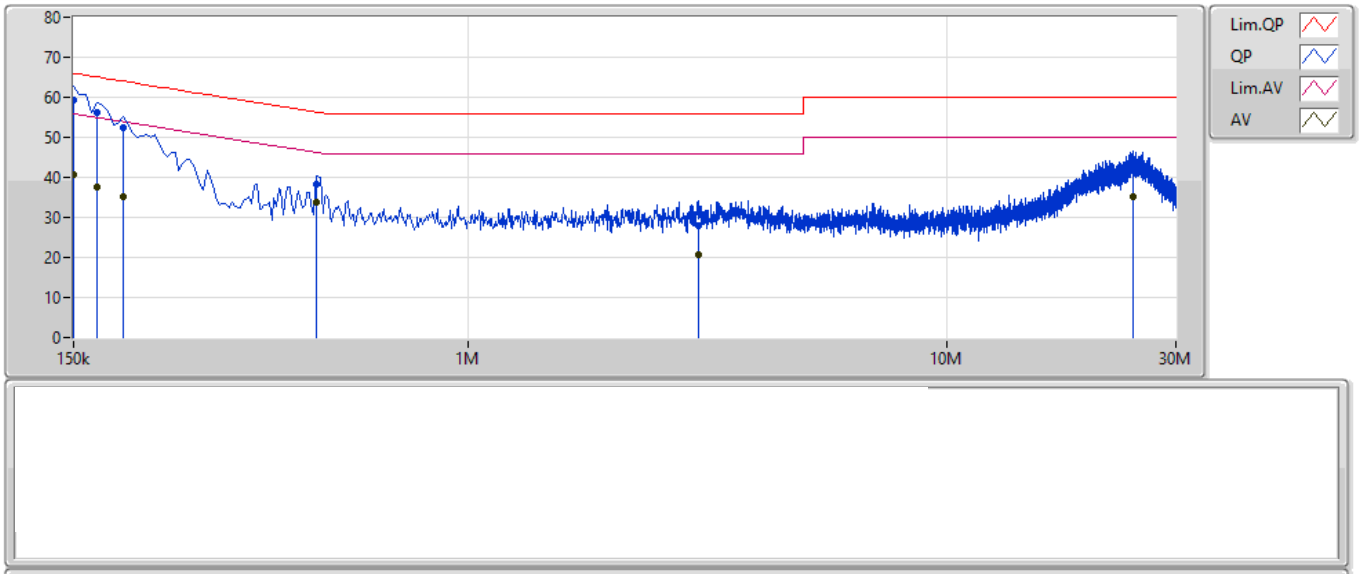
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	59.39	66.00	-6.61	Line

Mode 1

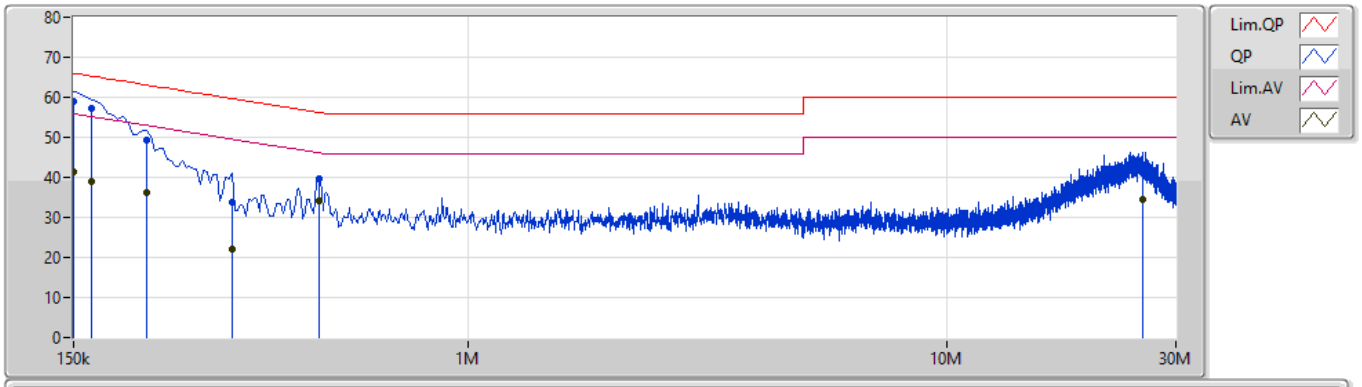
30/09/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	59.39	66.00	-6.61	9.89	Line	"Worst"	49.50	0.04	0.04	9.81
AV	150k	40.53	56.00	-15.47	9.89	Line	-	30.64	0.04	0.04	9.81
QP	168k	56.11	65.06	-8.95	9.89	Line	-	46.22	0.04	0.04	9.81
AV	168k	37.54	55.06	-17.52	9.89	Line	-	27.65	0.04	0.04	9.81
QP	190.5k	52.37	64.01	-11.64	9.89	Line	-	42.48	0.04	0.04	9.81
AV	190.5k	35.30	54.01	-18.71	9.89	Line	-	25.41	0.04	0.04	9.81
QP	483k	38.18	56.29	-18.11	9.90	Line	-	28.28	0.04	0.04	9.82
AV	483k	33.69	46.29	-12.60	9.90	Line	-	23.79	0.04	0.04	9.82
QP	3.021M	27.79	56.00	-28.21	10.06	Line	-	17.73	0.11	0.10	9.85
AV	3.021M	20.74	46.00	-25.26	10.06	Line	-	10.68	0.11	0.10	9.85
QP	24.455M	41.73	60.00	-18.27	10.63	Line	-	31.10	0.35	0.27	10.01
AV	24.455M	35.14	50.00	-14.86	10.63	Line	-	24.51	0.35	0.27	10.01

Mode 1

30/09/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	59.03	66.00	-6.97	9.88	Neutral	"Worst"	49.15	0.03	0.04	9.81
AV	150k	41.33	56.00	-14.67	9.88	Neutral	-	31.45	0.03	0.04	9.81
QP	163.5k	57.21	65.27	-8.06	9.88	Neutral	-	47.33	0.03	0.04	9.81
AV	163.5k	38.82	55.27	-16.45	9.88	Neutral	-	28.94	0.03	0.04	9.81
QP	213k	49.25	63.09	-13.84	9.88	Neutral	-	39.37	0.03	0.04	9.81
AV	213k	36.11	53.09	-16.98	9.88	Neutral	-	26.23	0.03	0.04	9.81
QP	321k	33.81	59.67	-25.86	9.89	Neutral	-	23.92	0.03	0.04	9.82
AV	321k	21.91	49.67	-27.76	9.89	Neutral	-	12.02	0.03	0.04	9.82
QP	487.5k	39.58	56.21	-16.63	9.89	Neutral	-	29.69	0.03	0.04	9.82
AV	487.5k	34.09	46.21	-12.12	9.89	Neutral	-	24.20	0.03	0.04	9.82
QP	25.589M	41.25	60.00	-18.75	10.67	Neutral	-	30.58	0.38	0.28	10.01
AV	25.589M	34.55	50.00	-15.45	10.67	Neutral	-	23.88	0.38	0.28	10.01

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10M	16.292M	16M3G1D	8.525M	13.193M
802.11g_Nss1,(6Mbps)_1TX	14.975M	18.941M	18M9D1D	14.375M	16.292M
802.11ax HEW20_Nss1,(MCS0)_1TX	16.15M	19.415M	19M4D1D	12.6M	18.816M
802.11ax HEW40_Nss1,(MCS0)_1TX	35.05M	37.731M	37M7D1D	28M	37.631M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

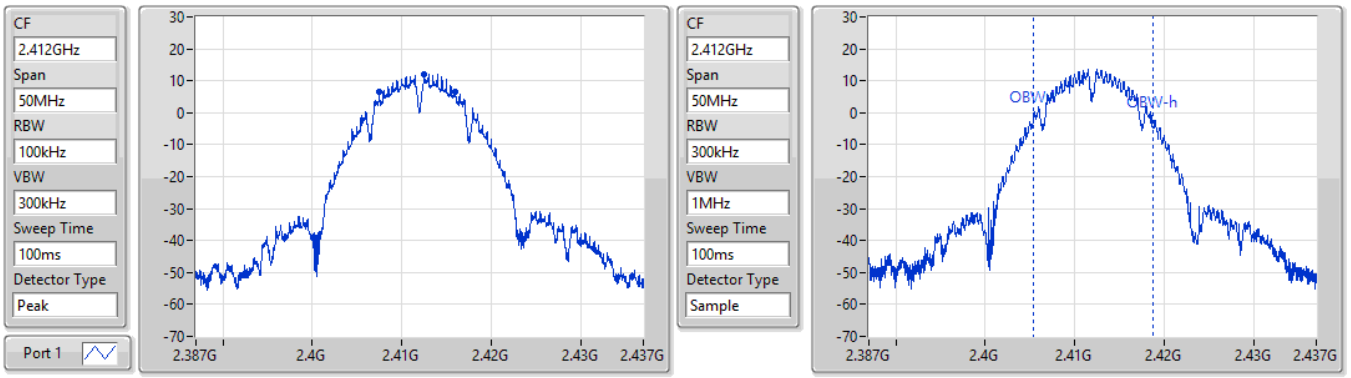
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.525M	13.393M
2437MHz	Pass	500k	10M	16.292M
2462MHz	Pass	500k	8.525M	13.193M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	14.975M	16.367M
2437MHz	Pass	500k	14.375M	18.941M
2462MHz	Pass	500k	14.975M	16.292M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	16.15M	18.866M
2437MHz	Pass	500k	12.6M	19.415M
2462MHz	Pass	500k	14.925M	18.816M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.05M	37.731M
2437MHz	Pass	500k	35M	37.731M
2452MHz	Pass	500k	28M	37.631M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

28/08/2021

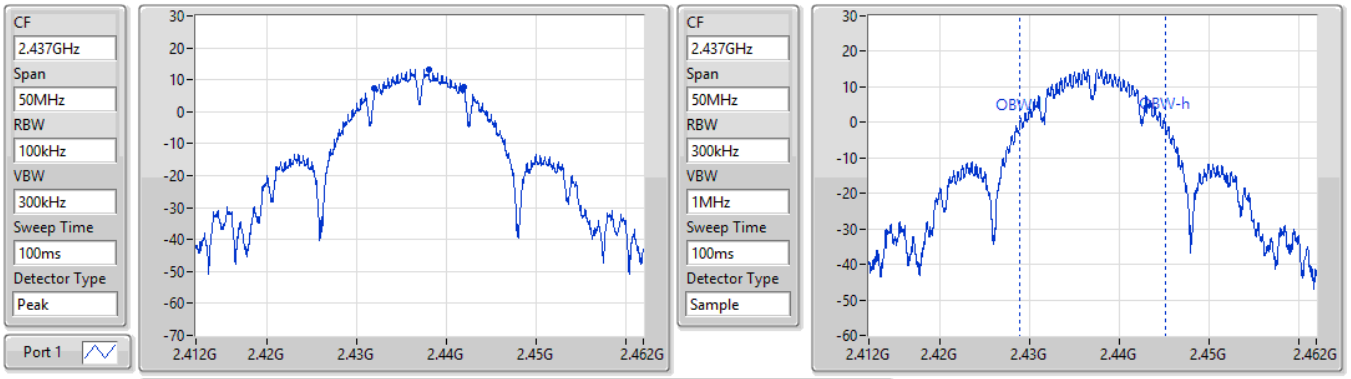


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.407475G	2.416G	13.393M	2.405328G	2.418722G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

28/08/2021

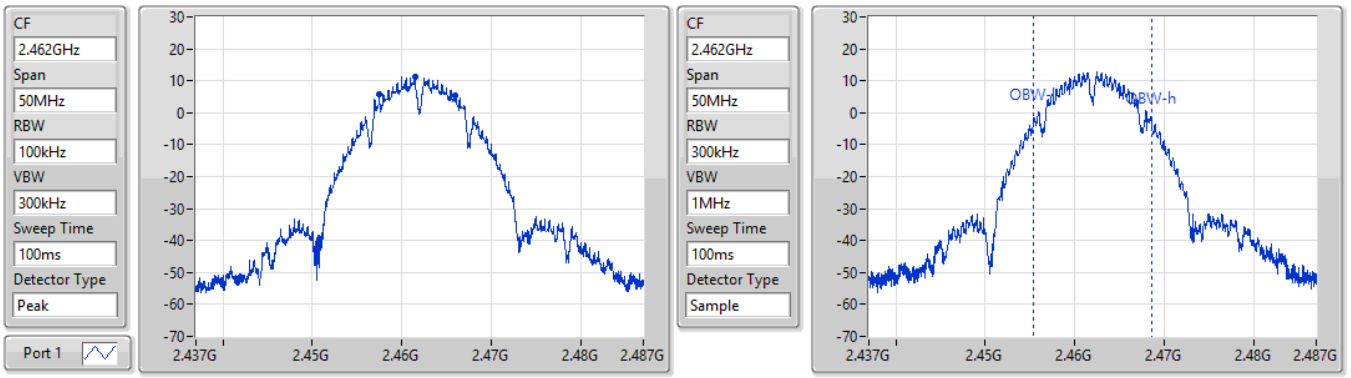


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.43195G	2.44195G	16.292M	2.428829G	2.445121G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2462MHz

28/08/2021

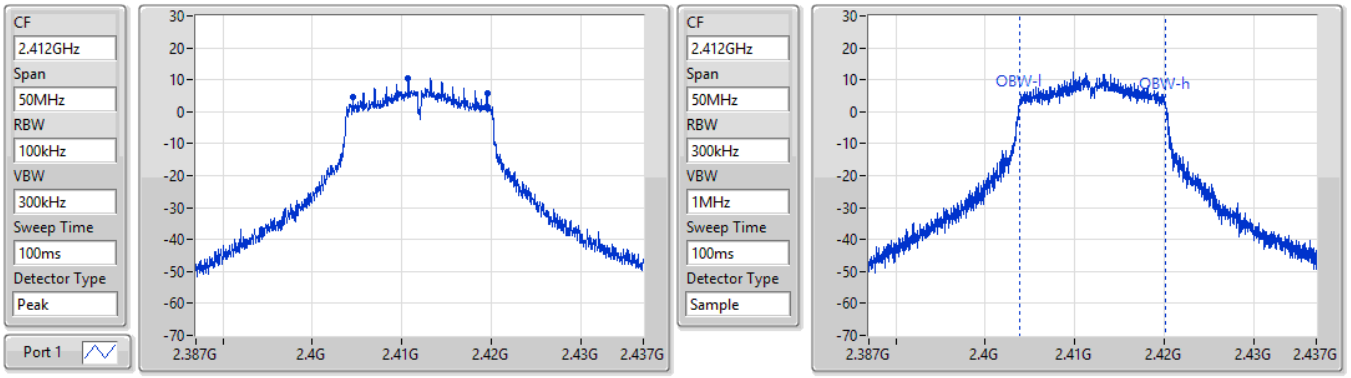


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.457475G	2.466G	13.193M	2.455403G	2.468597G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2412MHz

28/08/2021

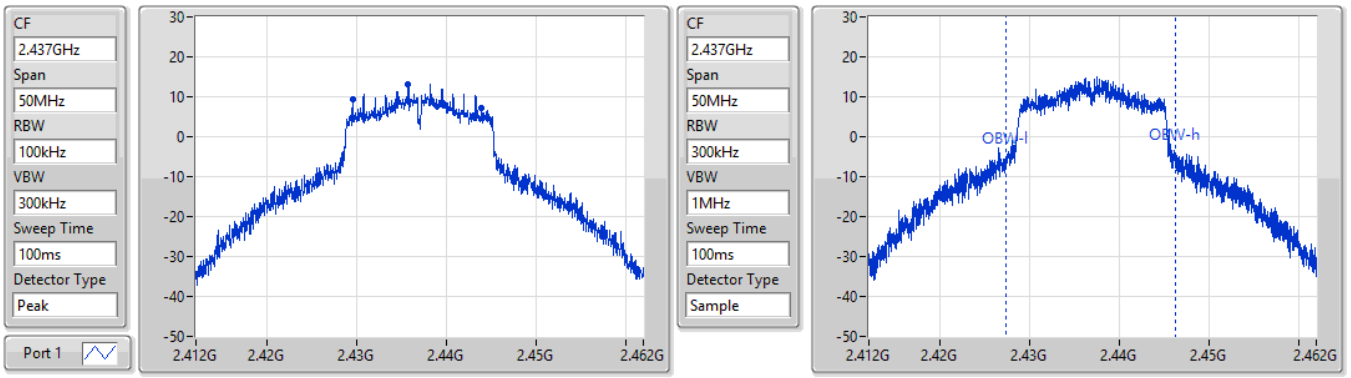


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.40455G	2.419525G	16.367M	2.403804G	2.420171G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2437MHz

28/08/2021

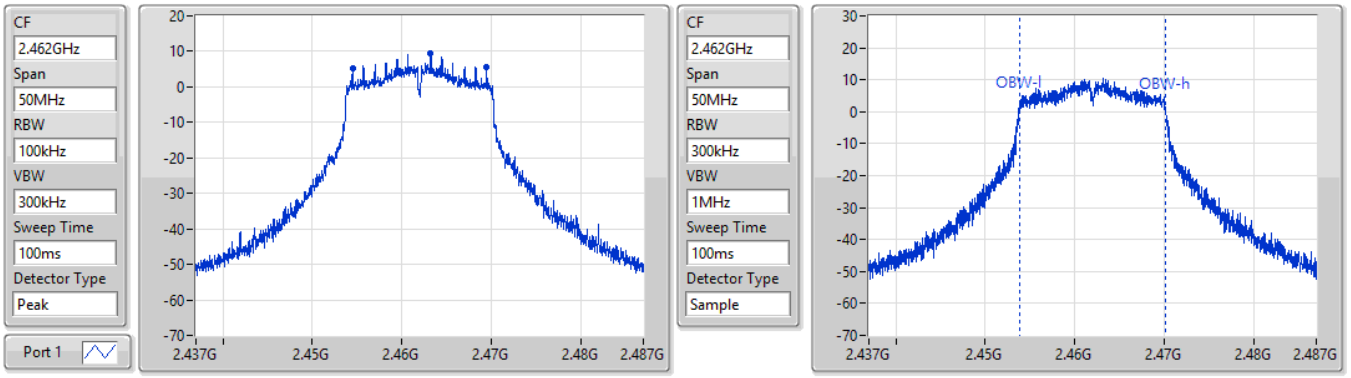


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.375M	2.4295G	2.443875G	18.941M	2.427305G	2.446245G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2462MHz

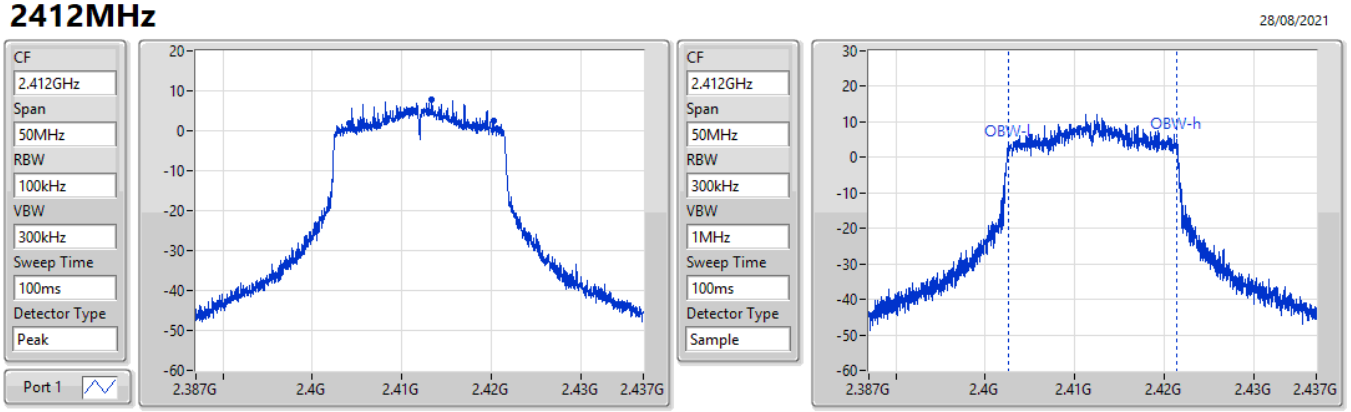
28/08/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.4545G	2.469475G	16.292M	2.453829G	2.470121G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

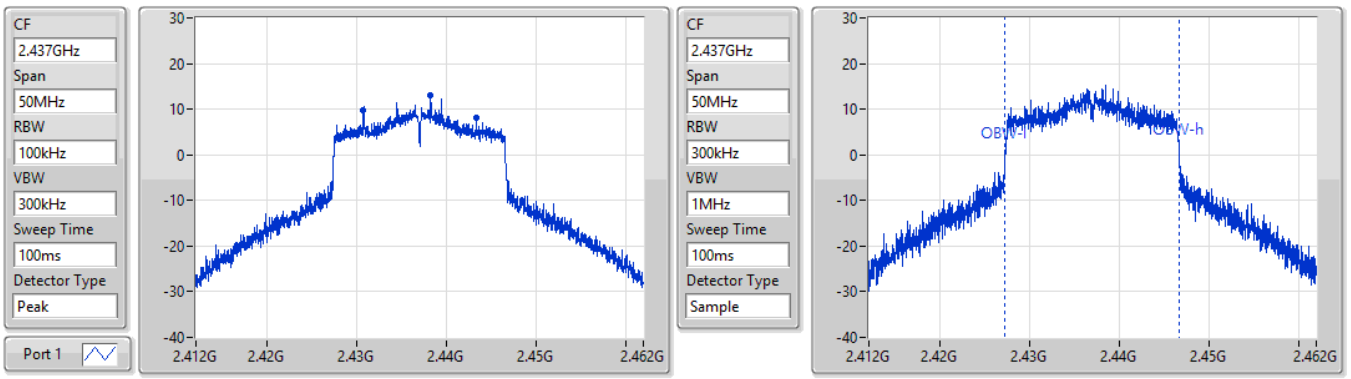
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.15M	2.4041G	2.42025G	18.866M	2.402555G	2.42142G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

2437MHz

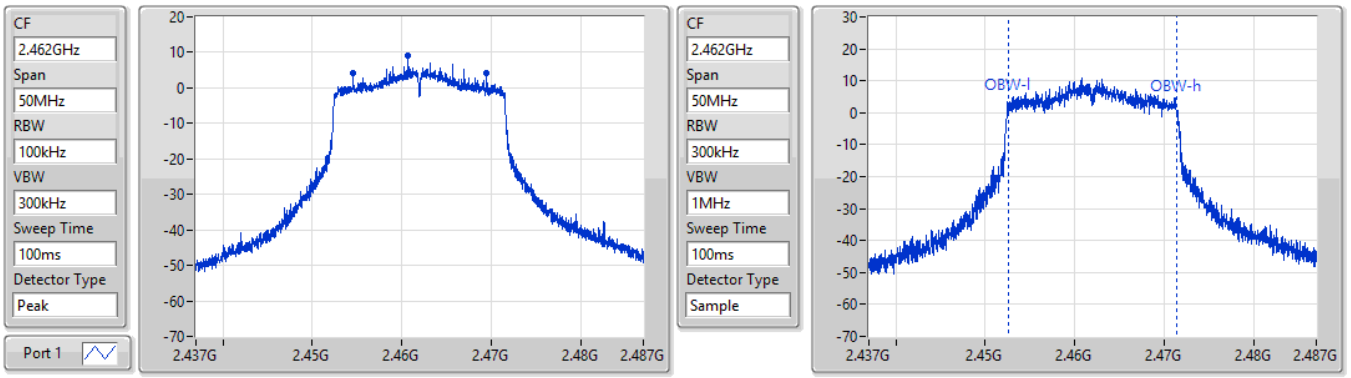


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.6M	2.4307G	2.4433G	19.415M	2.42723G	2.446645G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

2462MHz

28/08/2021

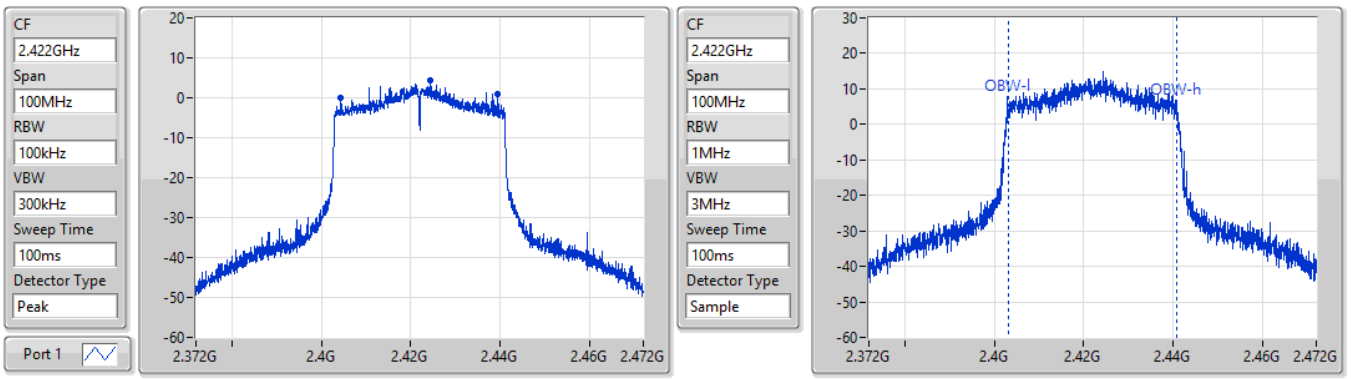


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.925M	2.454525G	2.46945G	18.816M	2.452555G	2.47137G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2422MHz

28/08/2021

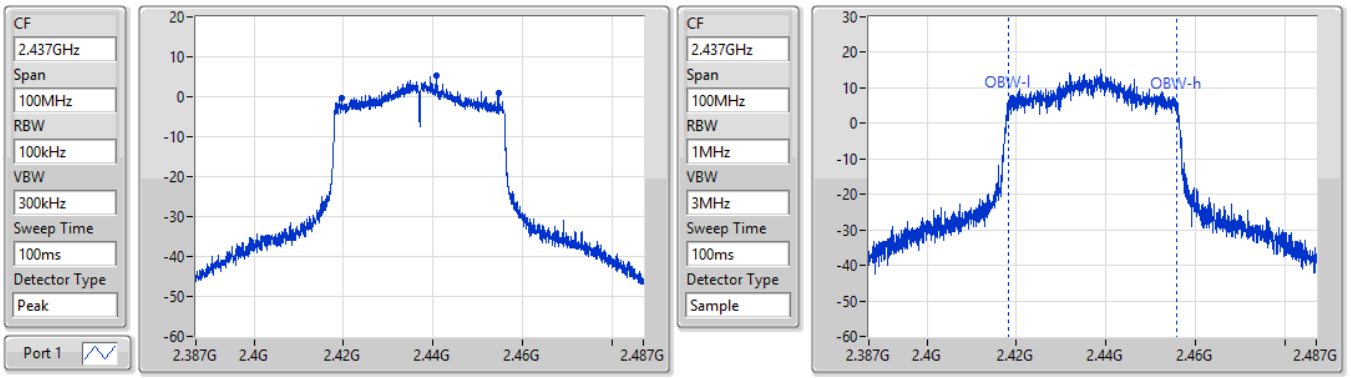


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.40445G	2.4395G	37.731M	2.403059G	2.440791G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2437MHz

28/08/2021

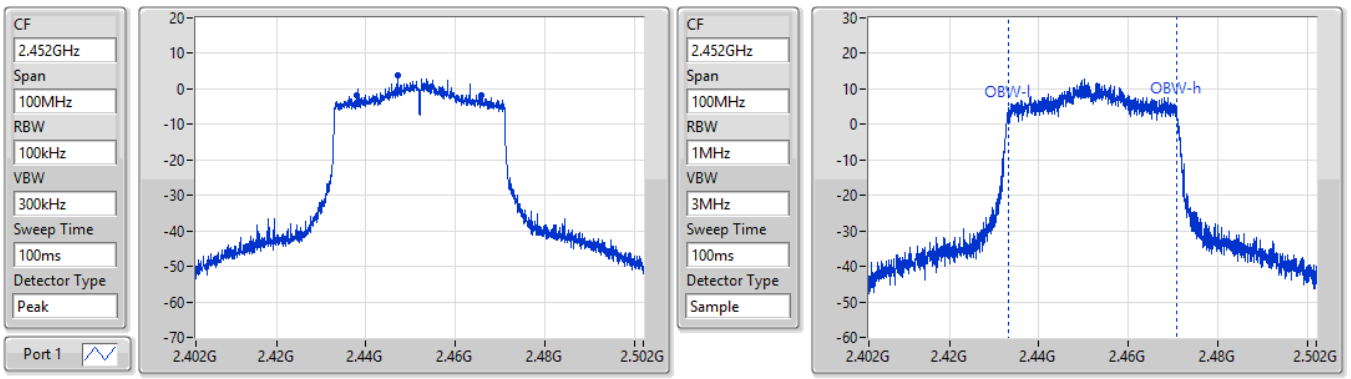


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.41955G	2.45455G	37.731M	2.418109G	2.455841G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2452MHz

28/08/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28M	2.4378G	2.4658G	37.631M	2.433159G	2.470791G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	9.575M	16.292M	16M3G1D	7.55M	13.143M
802.11g_Nss1,(6Mbps)_1TX	15.1M	20.04M	20M0D1D	14.45M	16.317M
802.11ax HEW20_Nss1,(MCS0)_1TX	16.225M	19.69M	19M7D1D	15.2M	18.791M
802.11ax HEW40_Nss1,(MCS0)_1TX	35.4M	37.731M	37M7D1D	33.7M	37.581M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

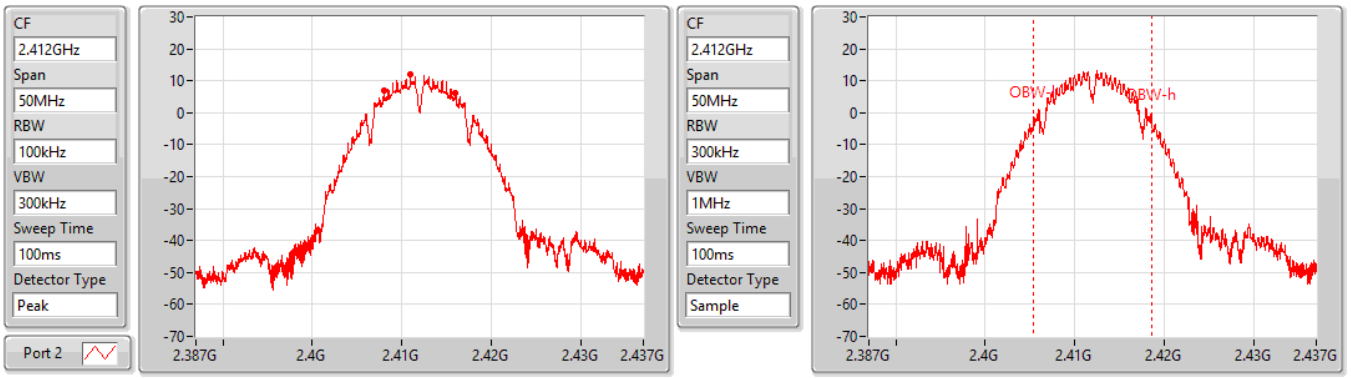
Mode	Result	Limit (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.025M	13.143M
2437MHz	Pass	500k	9.575M	16.292M
2462MHz	Pass	500k	7.55M	13.143M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15.1M	16.342M
2437MHz	Pass	500k	14.45M	20.04M
2462MHz	Pass	500k	15M	16.317M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	15.2M	18.791M
2437MHz	Pass	500k	16.225M	19.69M
2462MHz	Pass	500k	16.175M	18.816M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	34.05M	37.681M
2437MHz	Pass	500k	35.4M	37.581M
2452MHz	Pass	500k	33.7M	37.731M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

28/08/2021

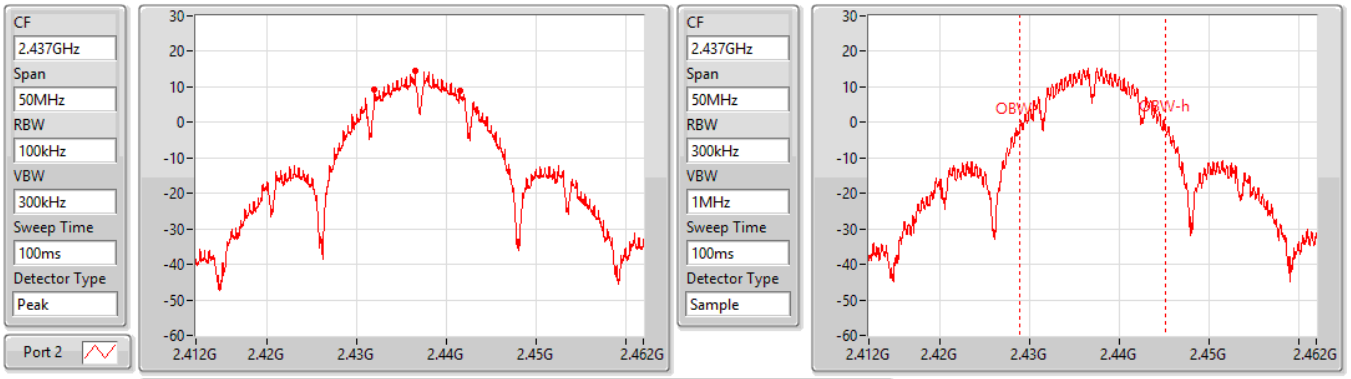


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.408G	2.416025G	13.143M	2.405453G	2.418597G	500k	2

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

28/08/2021



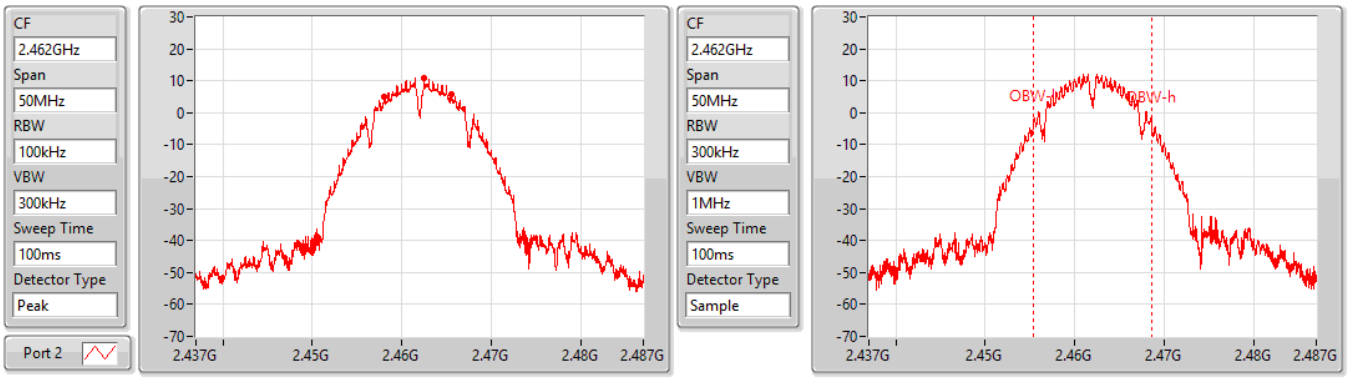
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.575M	2.431975G	2.44155G	16.292M	2.428904G	2.445196G	500k	2

802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

28/08/2021



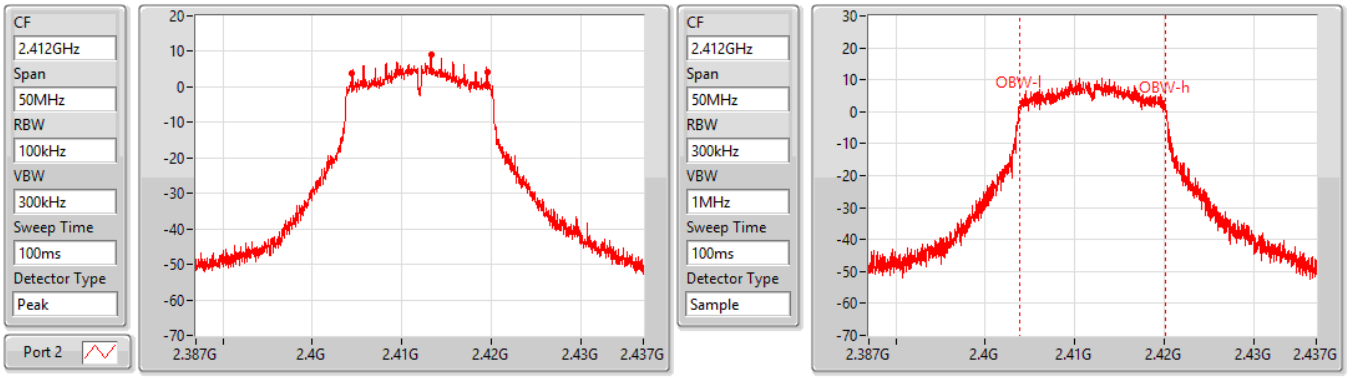
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.458G	2.46555G	13.143M	2.455428G	2.468572G	500k	2

802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

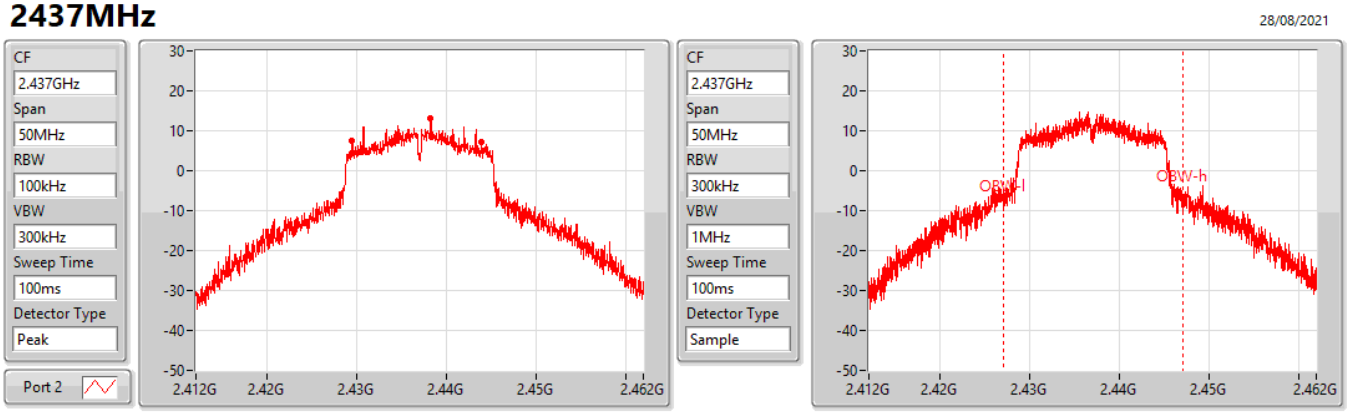
28/08/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.40445G	2.41955G	16.342M	2.403829G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_1TX EBW

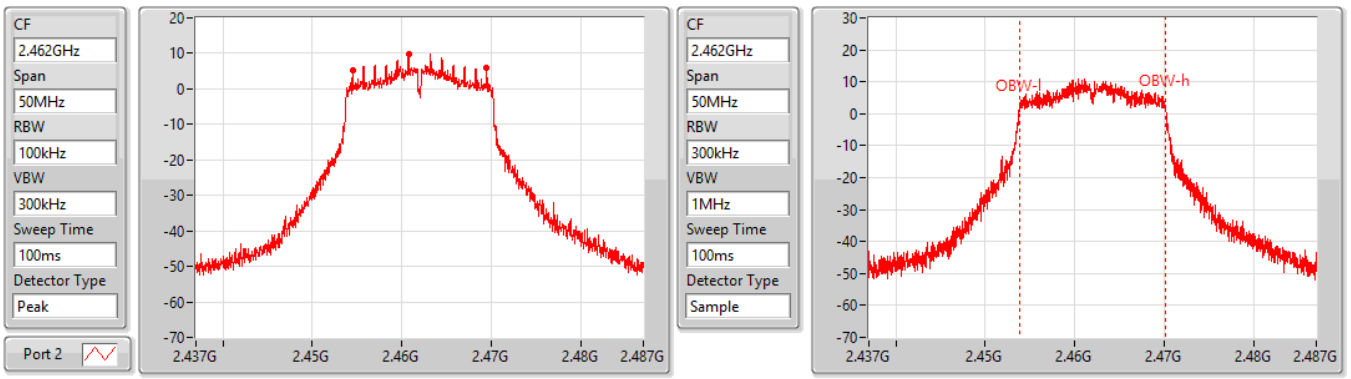
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.45M	2.42945G	2.4439G	20.04M	2.427055G	2.447095G	500k	2

802.11g_Nss1,(6Mbps)_1TX EBW

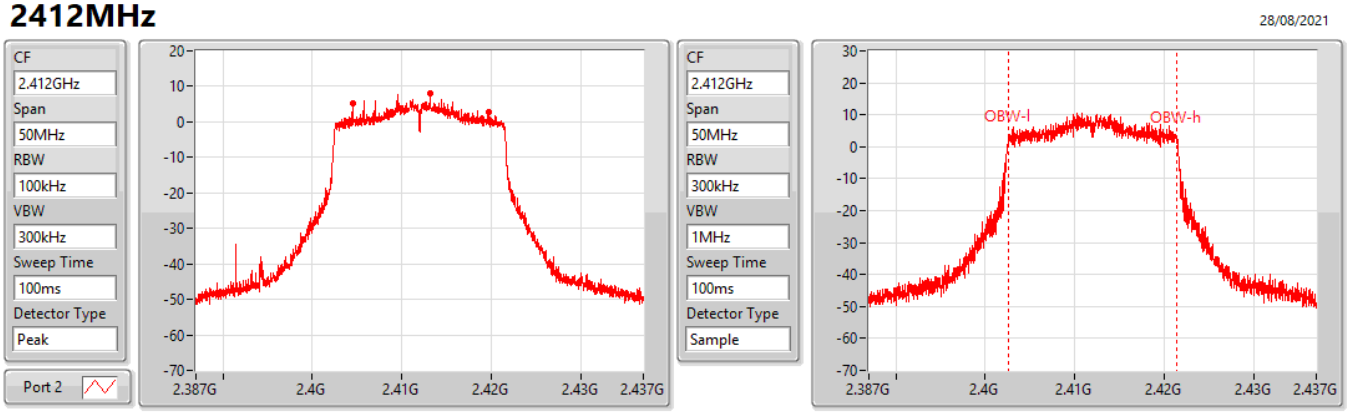
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.4545G	2.4695G	16.317M	2.453829G	2.470146G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

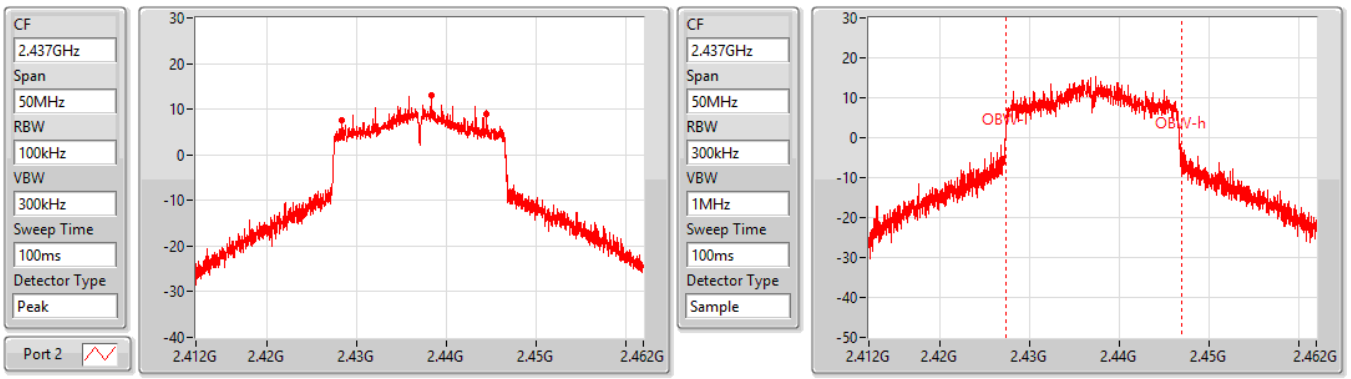
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.2M	2.4045G	2.4197G	18.791M	2.402605G	2.421395G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

2437MHz

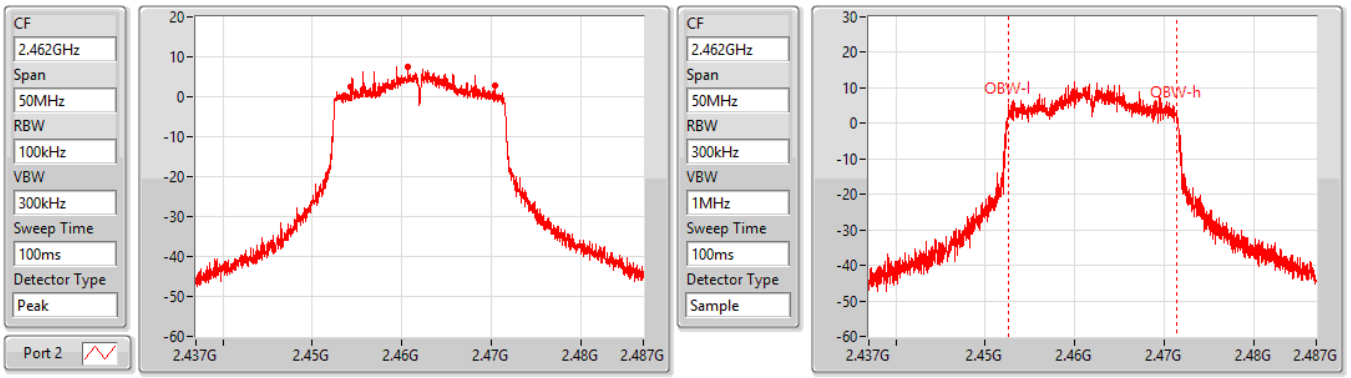


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.225M	2.428275G	2.4445G	19.69M	2.427255G	2.446945G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

2462MHz

28/08/2021

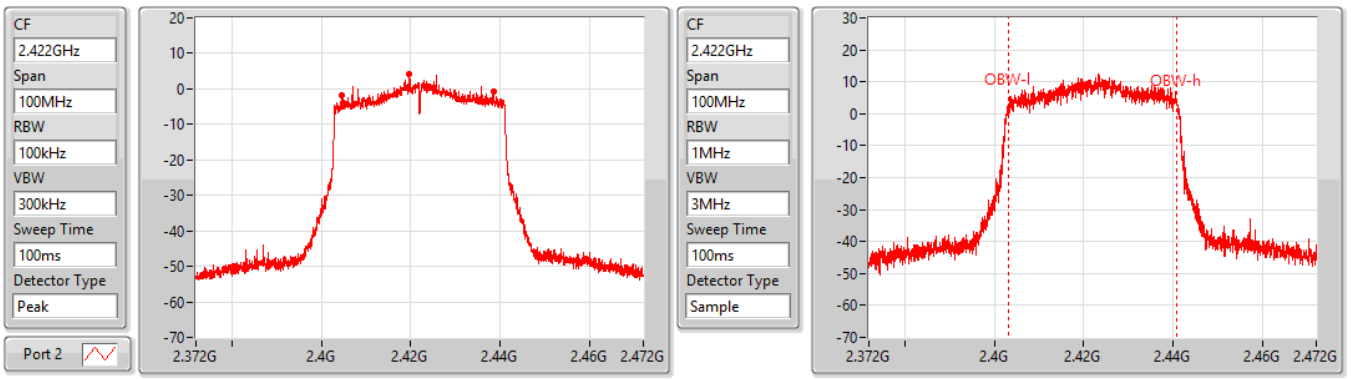


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.175M	2.45425G	2.470425G	18.816M	2.45258G	2.471395G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2422MHz

28/08/2021

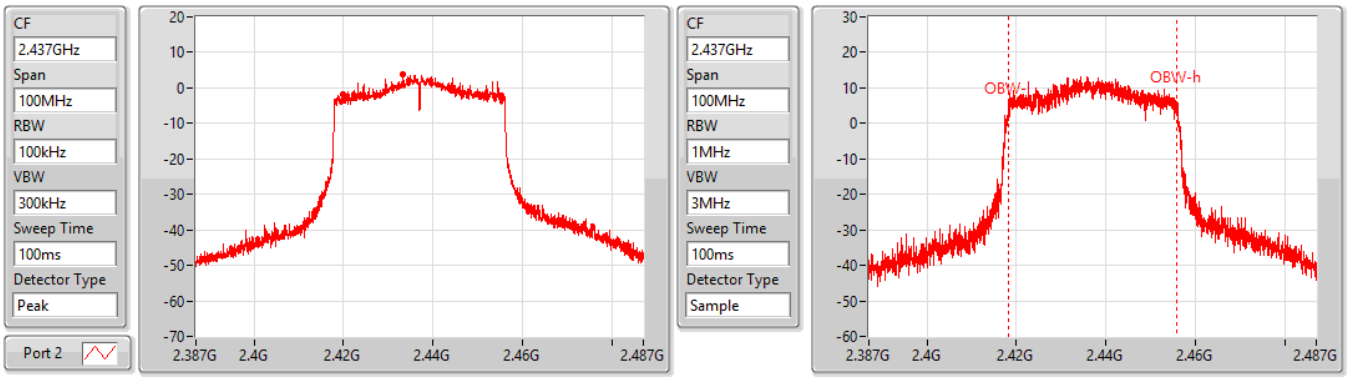


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.05M	2.40455G	2.4386G	37.681M	2.403209G	2.440891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2437MHz

28/08/2021

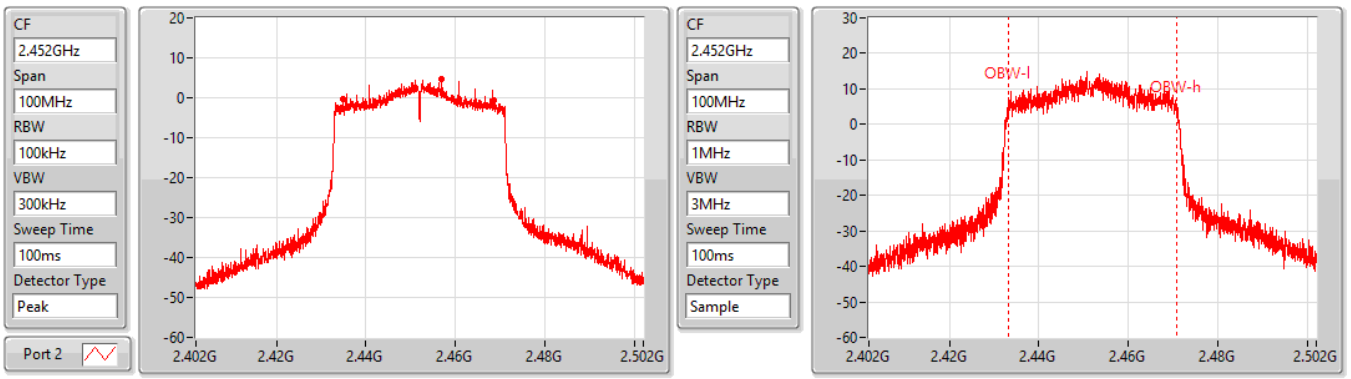


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.4M	2.41975G	2.45515G	37.581M	2.418209G	2.455791G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2452MHz

28/08/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.7M	2.43485G	2.46855G	37.731M	2.433109G	2.470841G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	9M	15.017M	15M0G1D	7.1M	13.068M
802.11g_Nss1,(6Mbps)_2TX	15.1M	19.865M	19M9D1D	14.95M	16.267M
802.11ax HEW20_Nss1,(MCS0)_2TX	15.85M	19.39M	19M4D1D	11.35M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.95M	37.731M	37M7D1D	31.3M	37.581M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.1M	13.318M	7.1M	13.293M
2437MHz	Pass	500k	9M	14.168M	9M	15.017M
2462MHz	Pass	500k	7.6M	13.093M	7.55M	13.068M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.95M	16.292M	15.075M	16.317M
2437MHz	Pass	500k	15.075M	19.865M	15.075M	19.29M
2462MHz	Pass	500k	15.1M	16.317M	15.05M	16.267M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.85M	18.841M	11.35M	18.866M
2437MHz	Pass	500k	15M	19.34M	14.925M	19.39M
2462MHz	Pass	500k	15.05M	18.841M	13.7M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.7M	37.631M	36.95M	37.731M
2437MHz	Pass	500k	34.95M	37.631M	31.3M	37.681M
2452MHz	Pass	500k	36.1M	37.631M	32.55M	37.581M

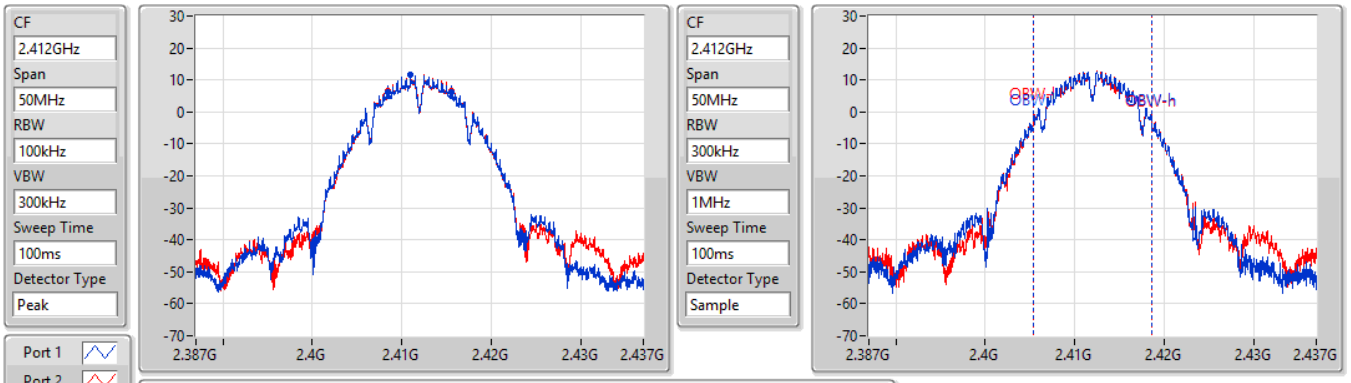
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

28/08/2021



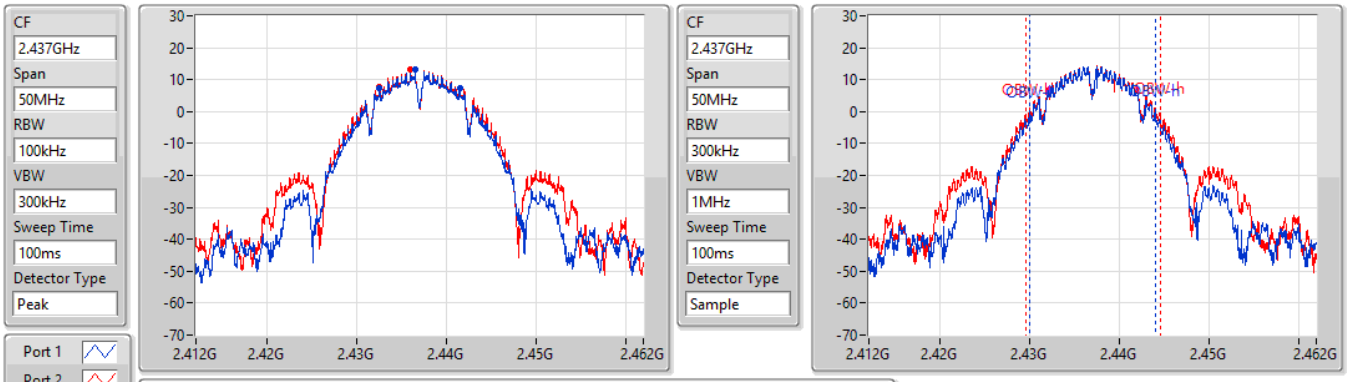
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.1M	2.40845G	2.41555G	13.318M	2.405328G	2.418647G	500k	1
7.1M	2.40845G	2.41555G	13.293M	2.405378G	2.418672G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

28/08/2021

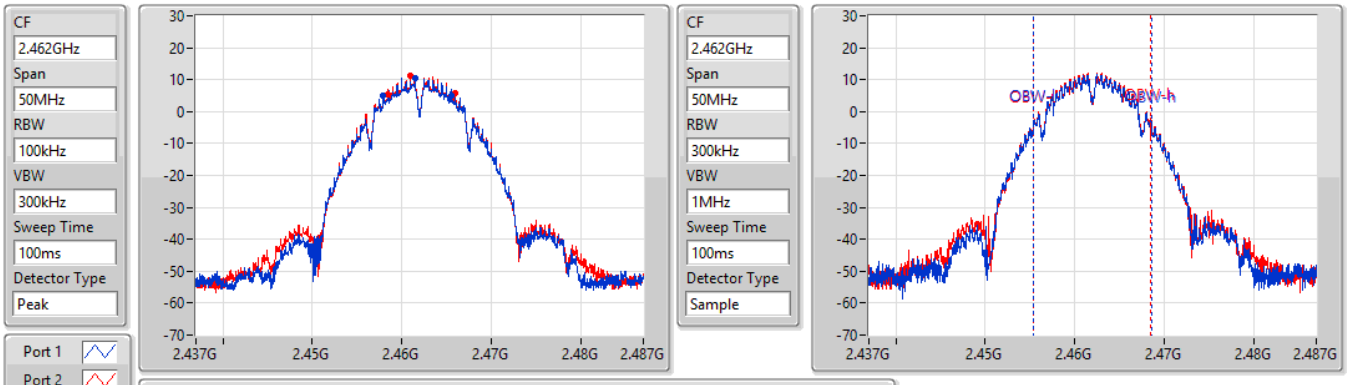


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9M	2.4325G	2.4415G	14.168M	2.429904G	2.444071G	500k	1
9M	2.4325G	2.4415G	15.017M	2.429504G	2.444521G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

28/08/2021

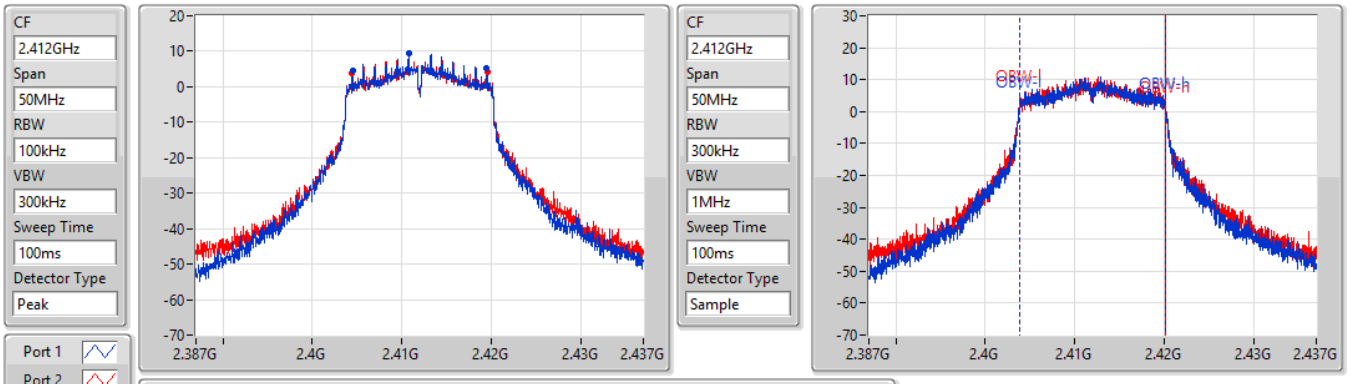


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.6M	2.45795G	2.46555G	13.093M	2.455453G	2.468547G	500k	1
7.55M	2.45845G	2.466G	13.068M	2.455453G	2.468522G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

28/08/2021



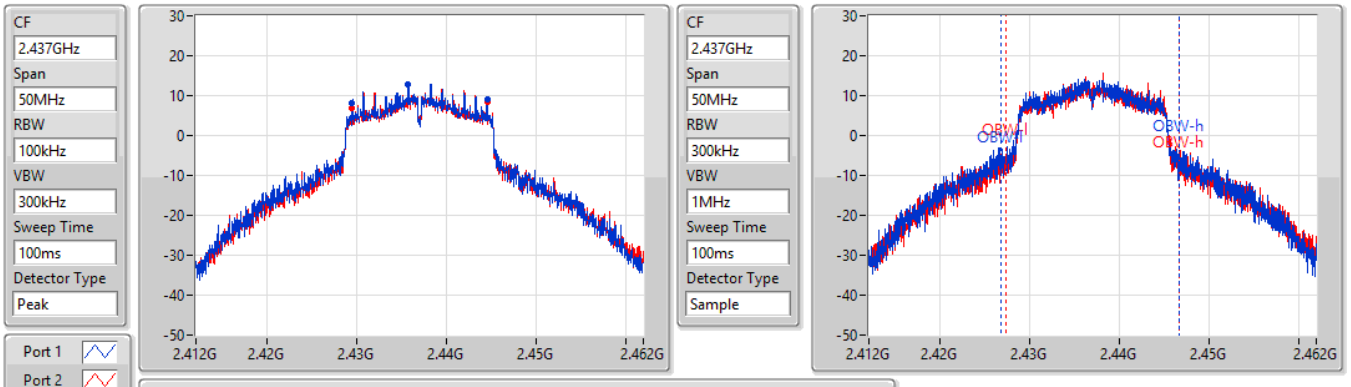
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.95M	2.404525G	2.419475G	16.292M	2.403854G	2.420146G	500k	1
15.075M	2.40445G	2.419525G	16.317M	2.403829G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

28/08/2021



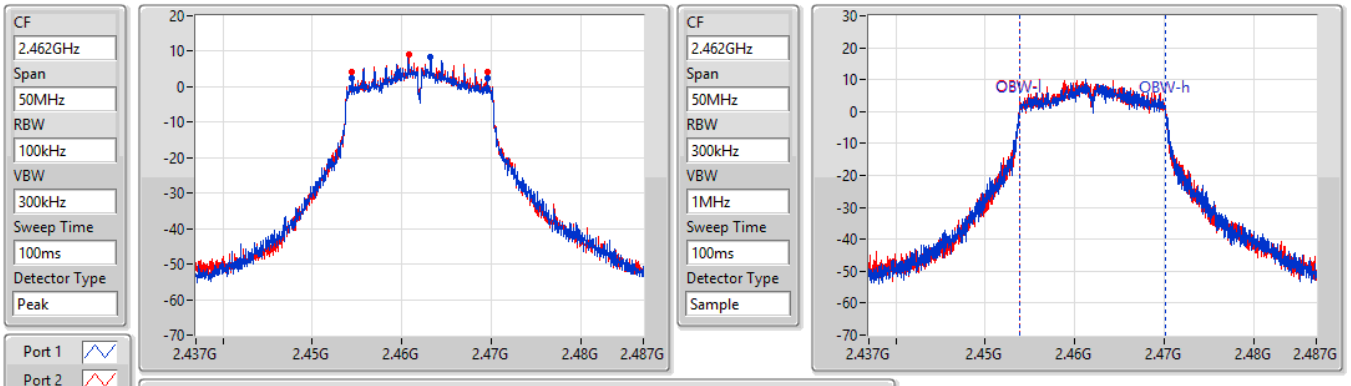
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	19.865M	2.42683G	2.446695G	500k	1
15.075M	2.42945G	2.444525G	19.29M	2.42733G	2.44662G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

28/08/2021



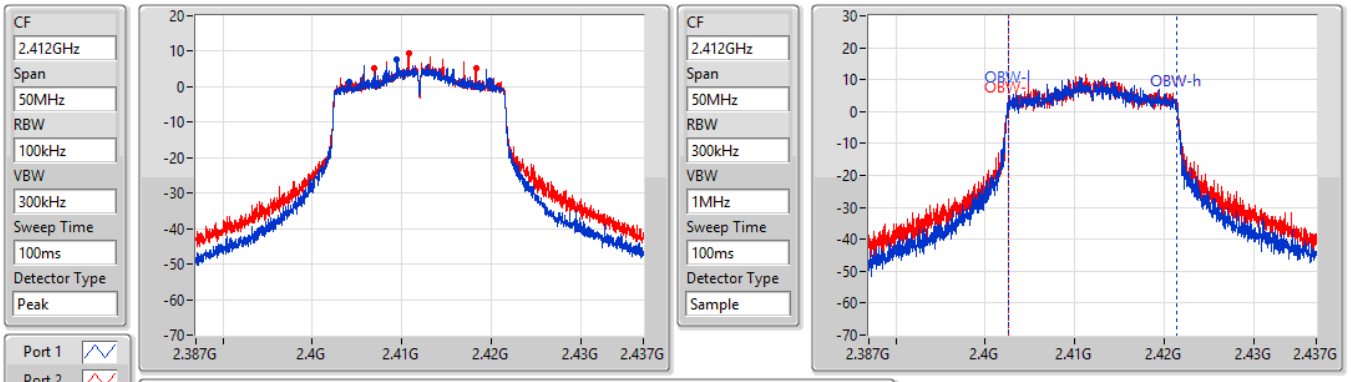
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.45445G	2.46955G	16.317M	2.453829G	2.470146G	500k	1
15.05M	2.454475G	2.469525G	16.267M	2.453854G	2.470121G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

28/08/2021



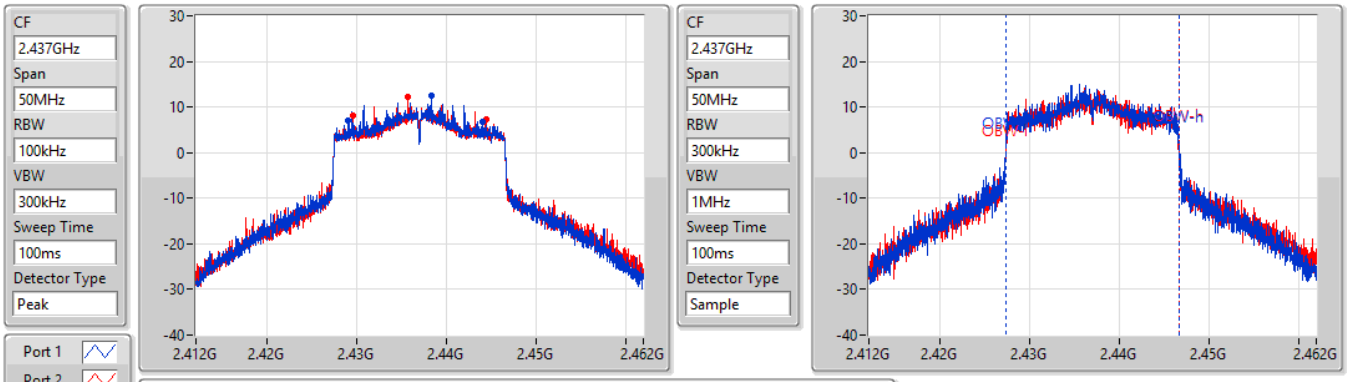
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.85M	2.404075G	2.419925G	18.841M	2.402555G	2.421395G	500k	1
11.35M	2.406925G	2.418275G	18.866M	2.402555G	2.42142G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

28/08/2021



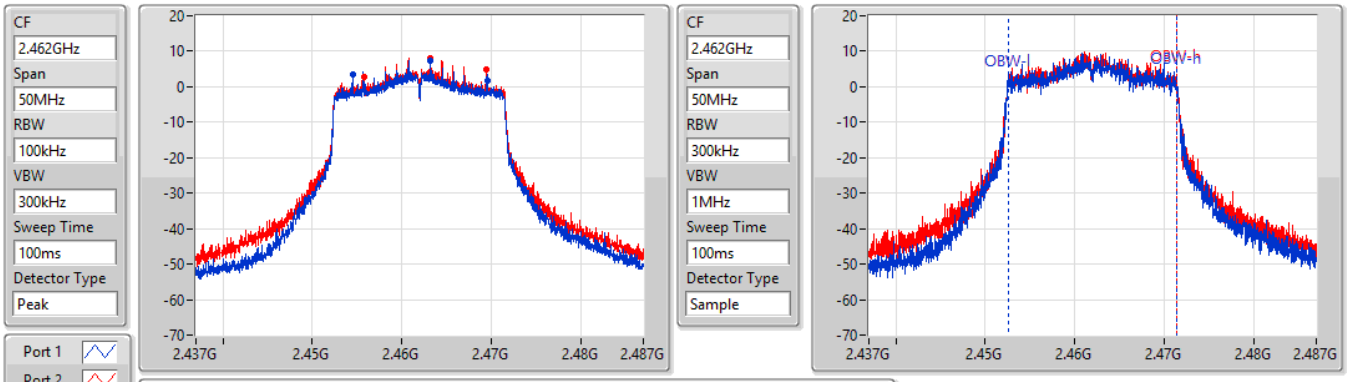
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.42905G	2.44405G	19.34M	2.427305G	2.446645G	500k	1
14.925M	2.429525G	2.44445G	19.39M	2.42733G	2.44672G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

28/08/2021



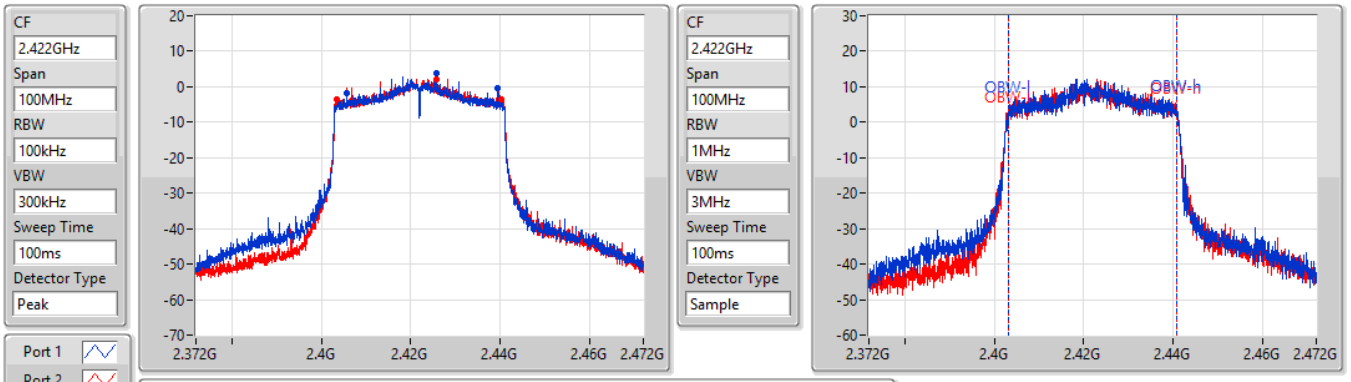
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.4545G	2.46955G	18.841M	2.452555G	2.471395G	500k	1
13.7M	2.455775G	2.469475G	18.791M	2.45258G	2.47137G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

28/08/2021

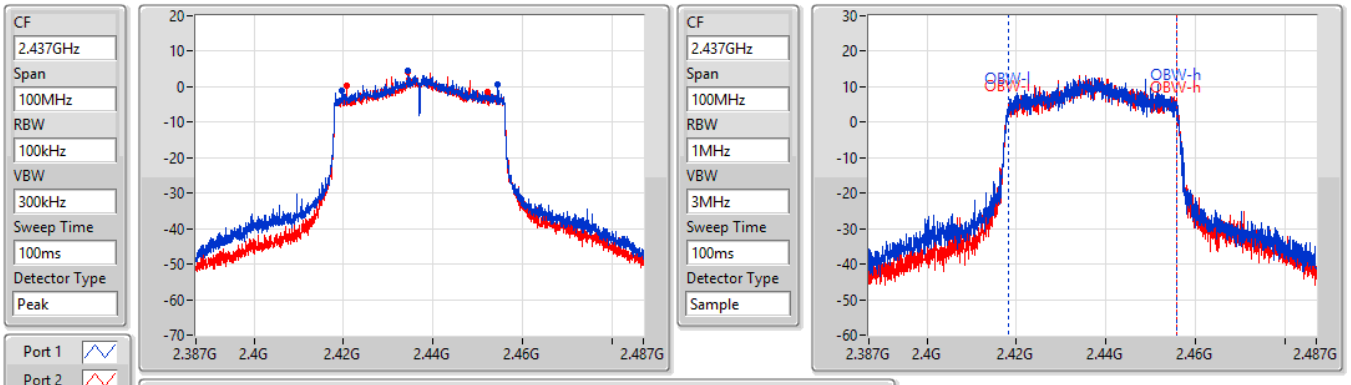


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.7M	2.4058G	2.4395G	37.631M	2.403209G	2.440841G	500k	1
36.95M	2.4034G	2.44035G	37.731M	2.403109G	2.440841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

28/08/2021

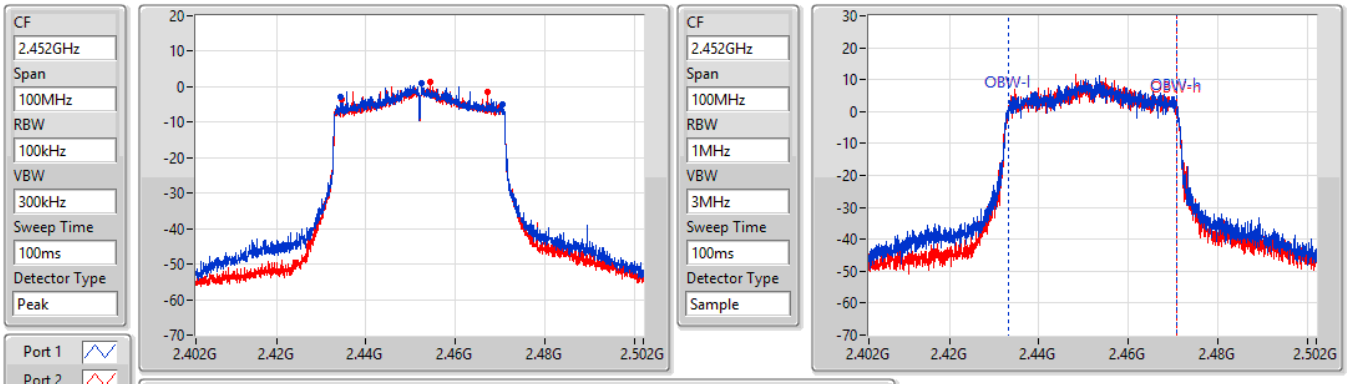


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.95M	2.41955G	2.4545G	37.631M	2.418209G	2.455841G	500k	1
31.3M	2.42075G	2.45205G	37.681M	2.418159G	2.455841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

28/08/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.1M	2.43445G	2.47055G	37.631M	2.433159G	2.470791G	500k	1
32.55M	2.4345G	2.46705G	37.581M	2.433209G	2.470791G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	16.825M	18.866M	18M9D1D	12.475M	18.766M
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	35M	37.831M	37M8D1D	26.3M	37.481M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

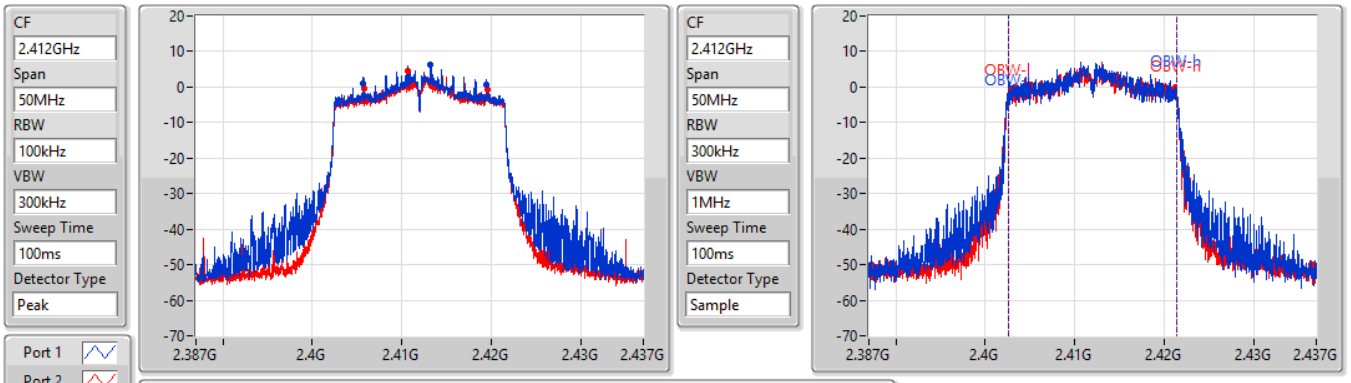
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	13.825M	18.766M	13.775M	18.816M
2437MHz	Pass	500k	15.075M	18.841M	12.475M	18.791M
2462MHz	Pass	500k	15.375M	18.866M	16.825M	18.841M
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35M	37.531M	30.45M	37.681M
2437MHz	Pass	500k	26.3M	37.581M	30.05M	37.481M
2452MHz	Pass	500k	29M	37.531M	33.8M	37.831M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS3)_2TX EBW

2412MHz

13/10/2021

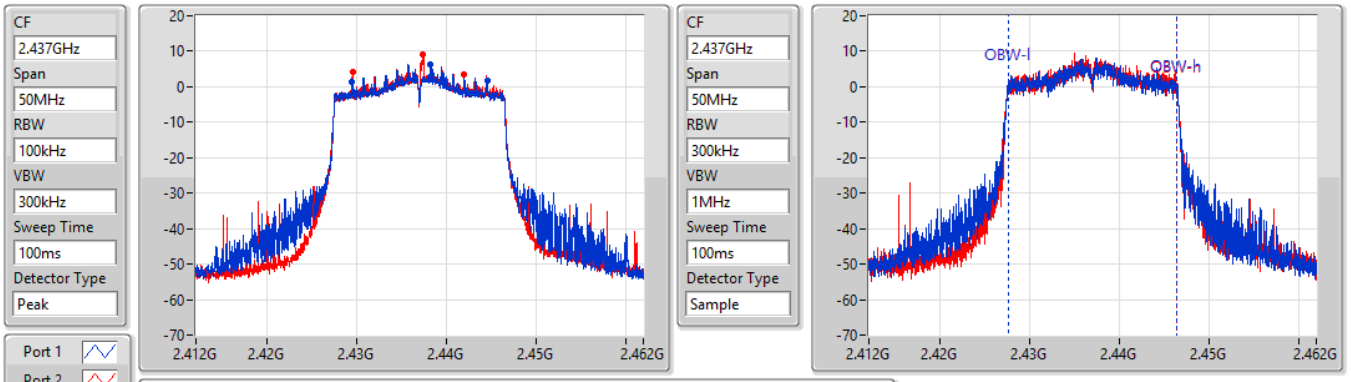


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.825M	2.405675G	2.4195G	18.766M	2.40258G	2.421345G	500k	1
13.775M	2.405775G	2.41955G	18.816M	2.402555G	2.42137G	500k	2

802.11ax HEW20-BF_Nss1,(MCS3)_2TX EBW

2437MHz

13/10/2021



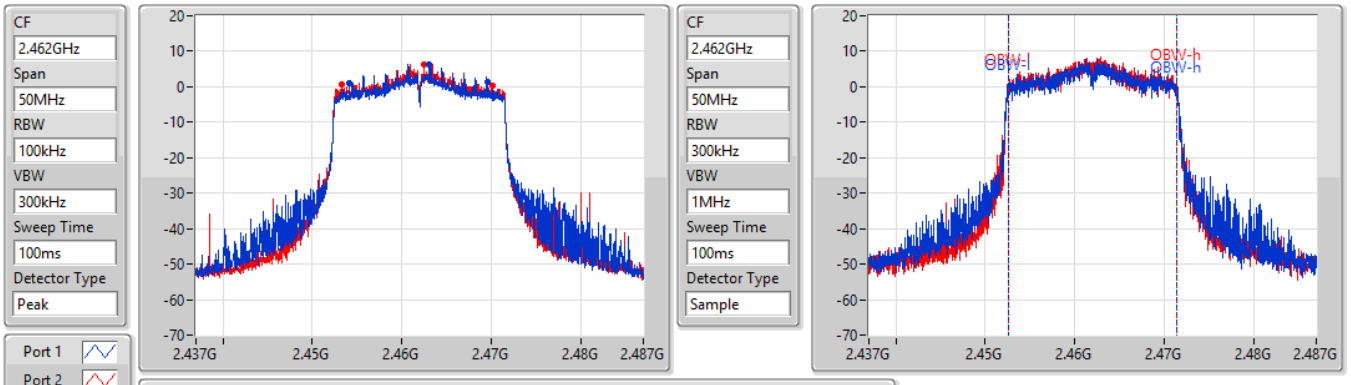
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	18.841M	2.427555G	2.446395G	500k	1
12.475M	2.4295G	2.441975G	18.791M	2.427605G	2.446395G	500k	2

802.11ax HEW20-BF_Nss1,(MCS3)_2TX

EBW

2462MHz

13/10/2021



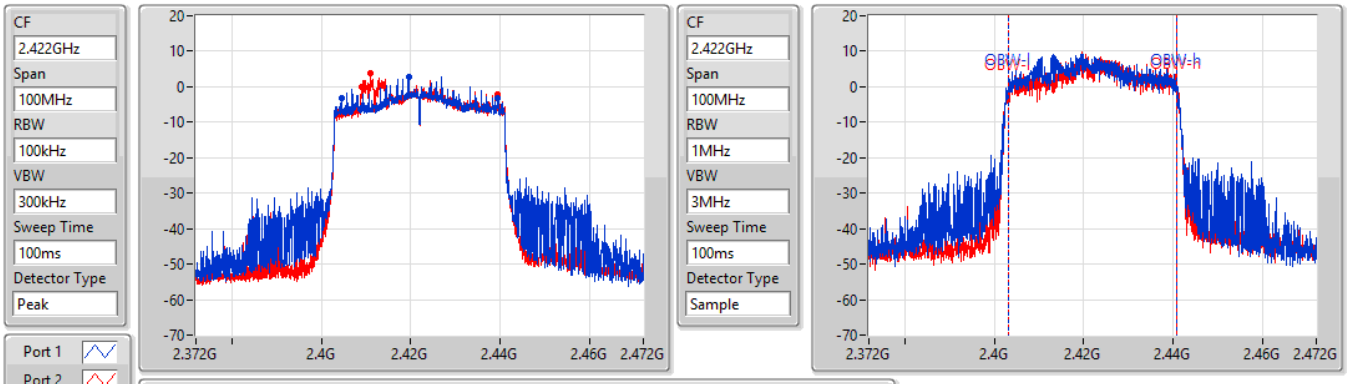
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.375M	2.45415G	2.469525G	18.866M	2.452555G	2.47142G	500k	1
16.825M	2.453275G	2.4701G	18.841M	2.452555G	2.471395G	500k	2

802.11ax HEW40-BF_Nss1,(MCS3)_2TX

EBW

2422MHz

13/10/2021



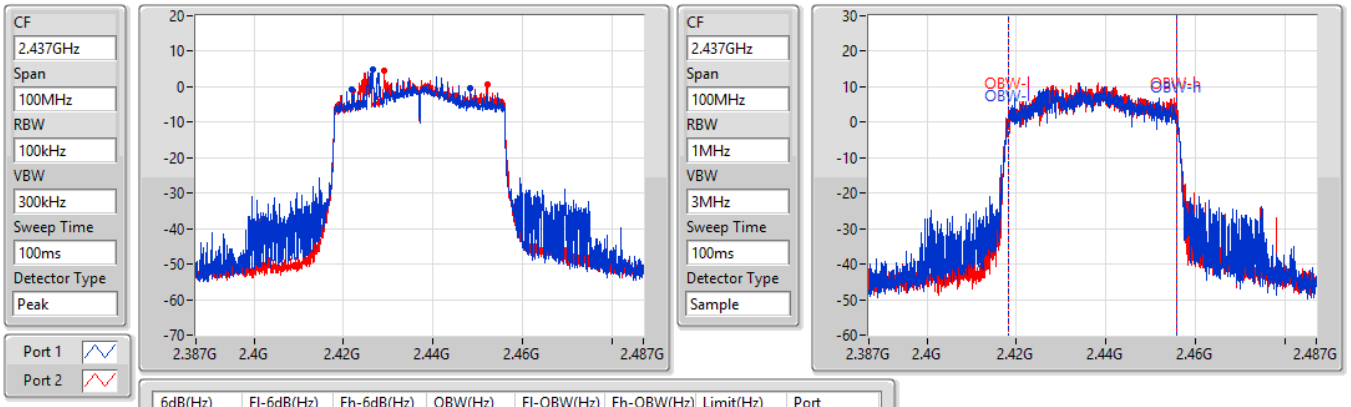
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4045G	2.4395G	37.531M	2.403209G	2.440741G	500k	1
30.45M	2.409G	2.43945G	37.681M	2.403209G	2.440891G	500k	2

802.11ax HEW40-BF_Nss1,(MCS3)_2TX

EBW

2437MHz

13/10/2021



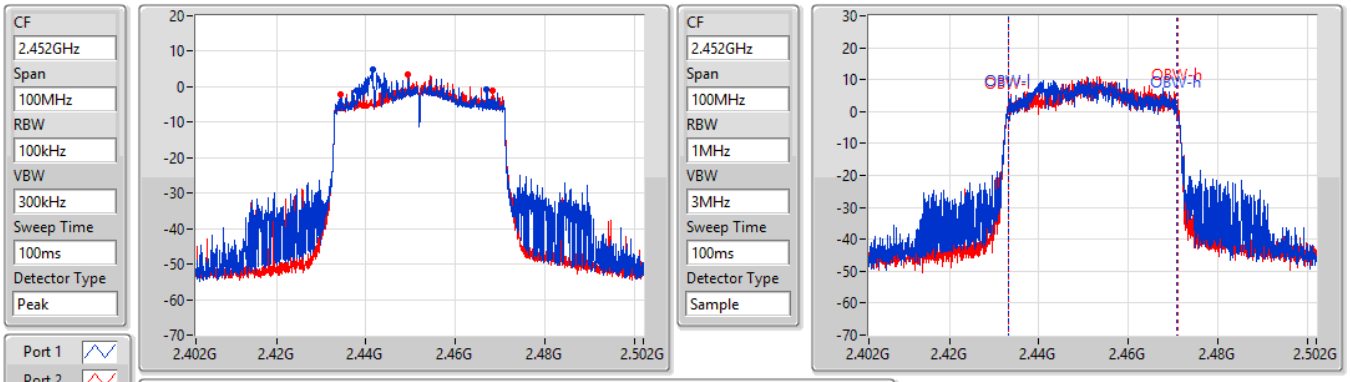
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.3M	2.42195G	2.44825G	37.581M	2.418209G	2.455791G	500k	1
30.05M	2.422G	2.45205G	37.481M	2.418309G	2.455791G	500k	2

802.11ax HEW40-BF_Nss1,(MCS3)_2TX

EBW

2452MHz

13/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29M	2.438G	2.467G	37.531M	2.433209G	2.470741G	500k	1
33.8M	2.43445G	2.46825G	37.831M	2.433159G	2.470991G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	9.05M	16.817M	16M8G1D	7.05M	13.593M
802.11g_Nss1,(6Mbps)_1TX	16.3M	28.611M	28M6D1D	16.275M	16.817M
VHT20_Nss1,(MCS0)_1TX	17.15M	28.411M	28M4D1D	16.9M	17.866M
VHT40_Nss1,(MCS0)_1TX	35.8M	36.832M	36M8D1D	35.35M	36.482M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

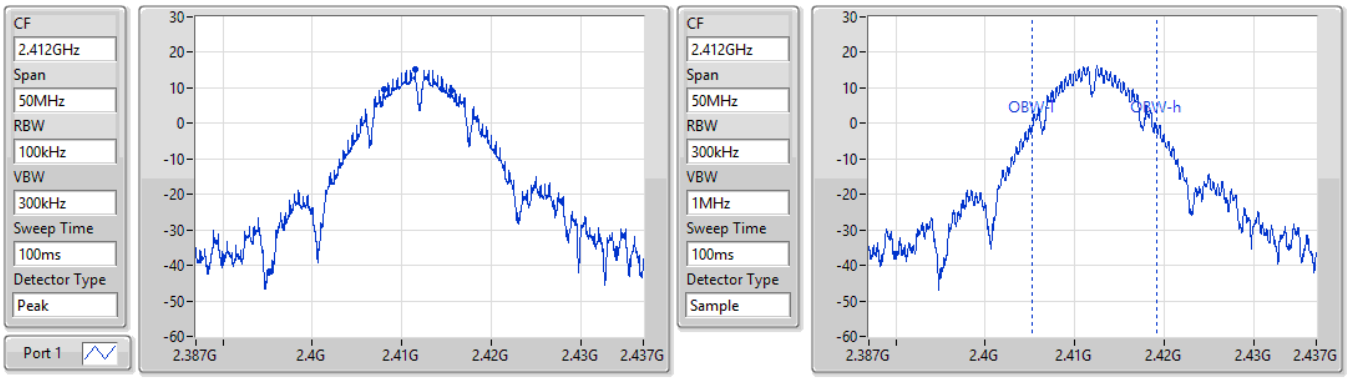
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7.575M	13.968M
2437MHz	Pass	500k	9.05M	16.817M
2462MHz	Pass	500k	7.05M	13.593M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.3M	17.191M
2437MHz	Pass	500k	16.3M	28.611M
2462MHz	Pass	500k	16.275M	16.817M
VHT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	16.9M	17.891M
2437MHz	Pass	500k	17.15M	28.411M
2462MHz	Pass	500k	16.9M	17.866M
VHT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.8M	36.482M
2437MHz	Pass	500k	35.35M	36.832M
2452MHz	Pass	500k	35.55M	36.532M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

28/08/2021

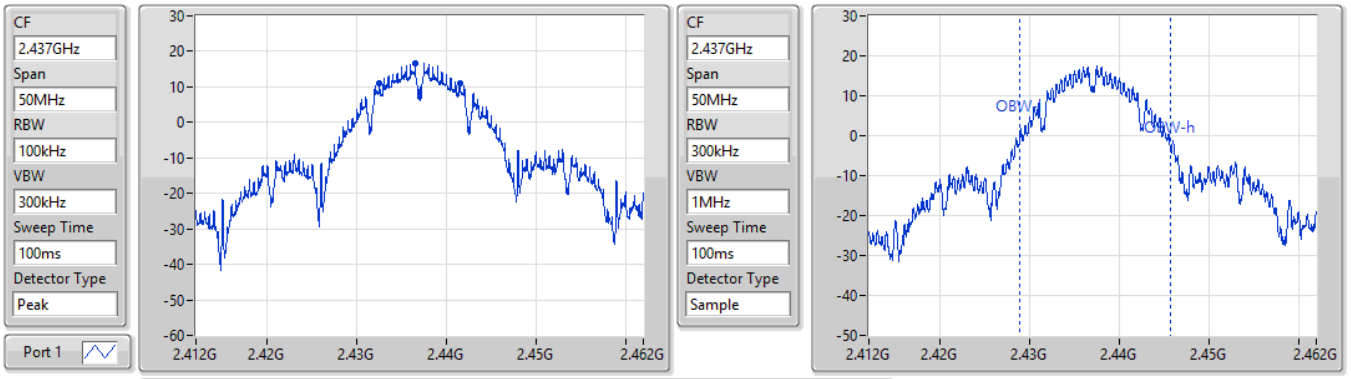


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.575M	2.407975G	2.41555G	13.968M	2.405253G	2.419221G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

28/08/2021

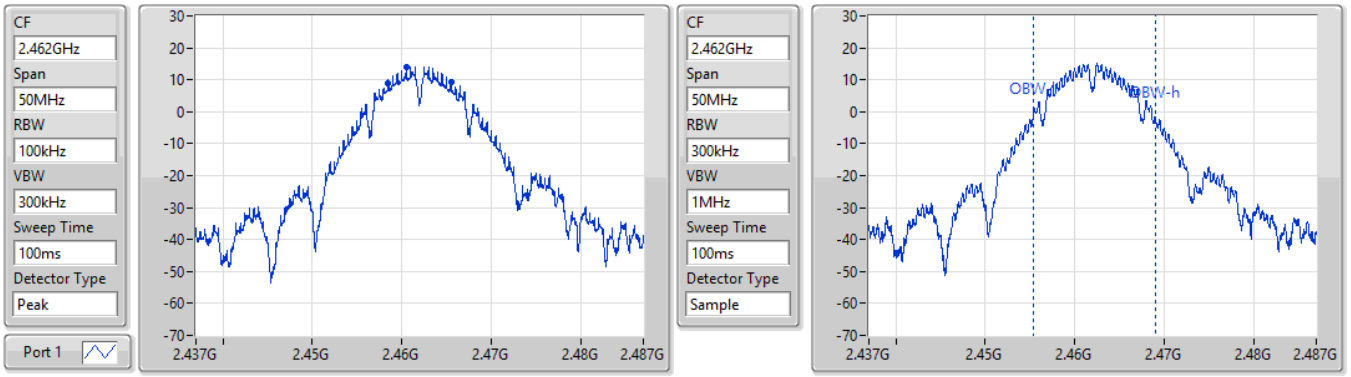


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.432475G	2.441525G	16.817M	2.428904G	2.445721G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2462MHz

28/08/2021

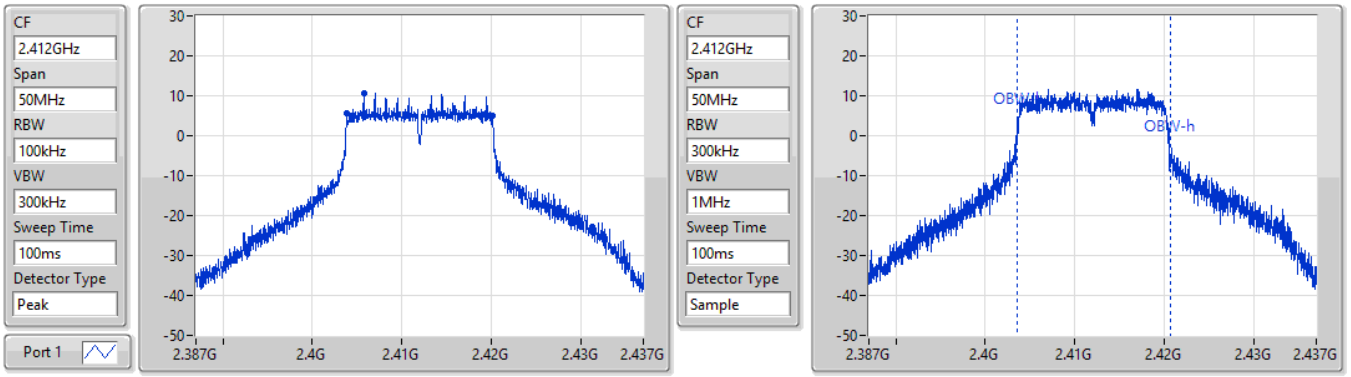


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.458475G	2.465525G	13.593M	2.455378G	2.468972G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2412MHz

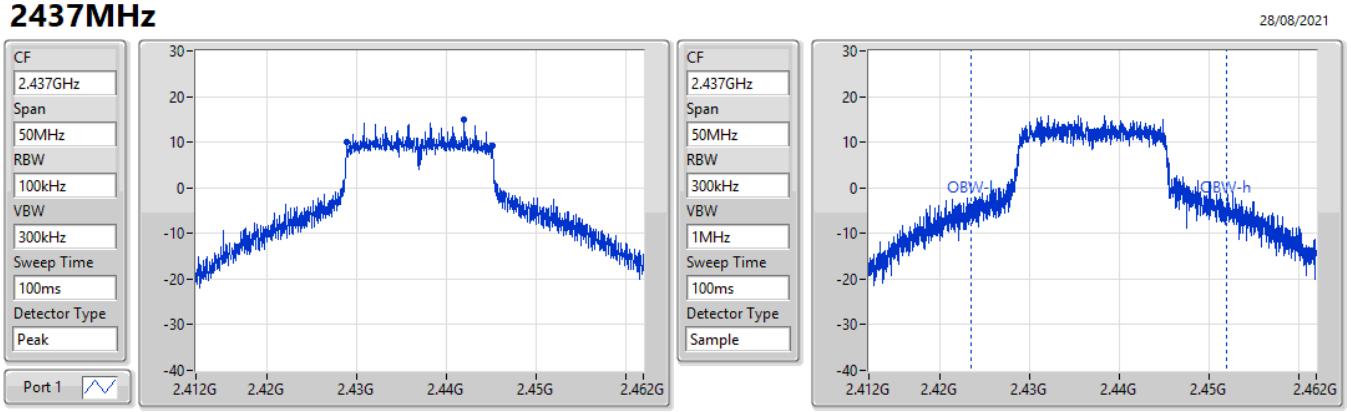
28/08/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	17.191M	2.403579G	2.420771G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

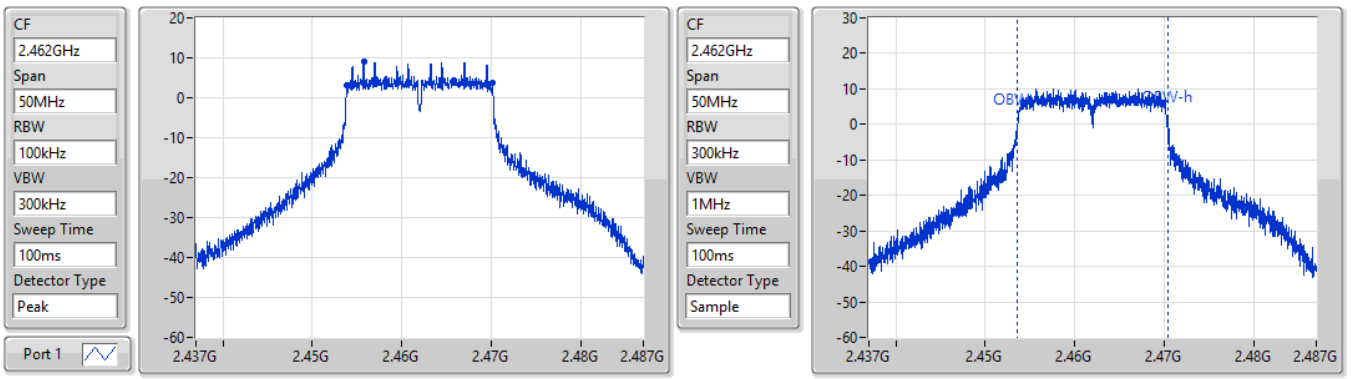
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	28.611M	2.423407G	2.452017G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

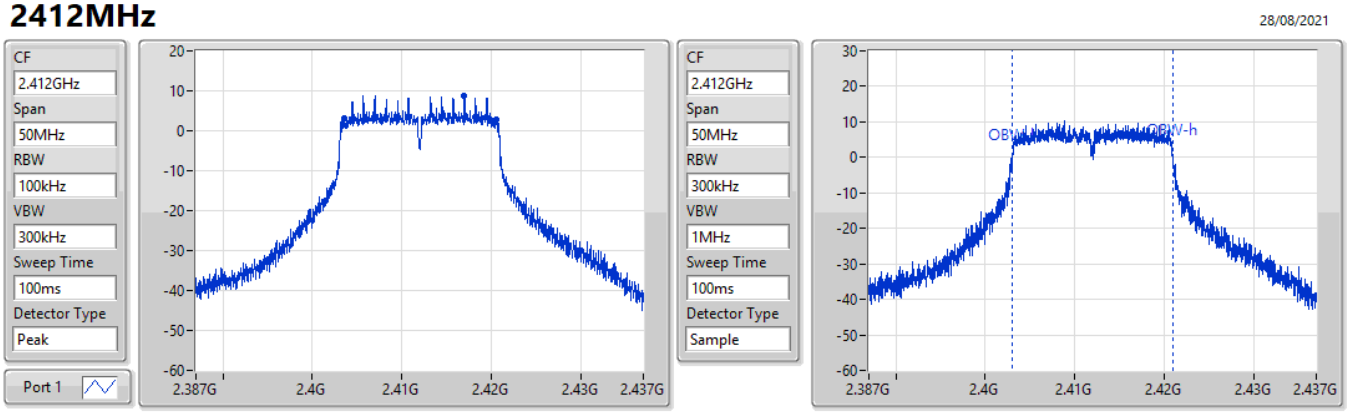
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.453875G	2.47015G	16.817M	2.453629G	2.470446G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

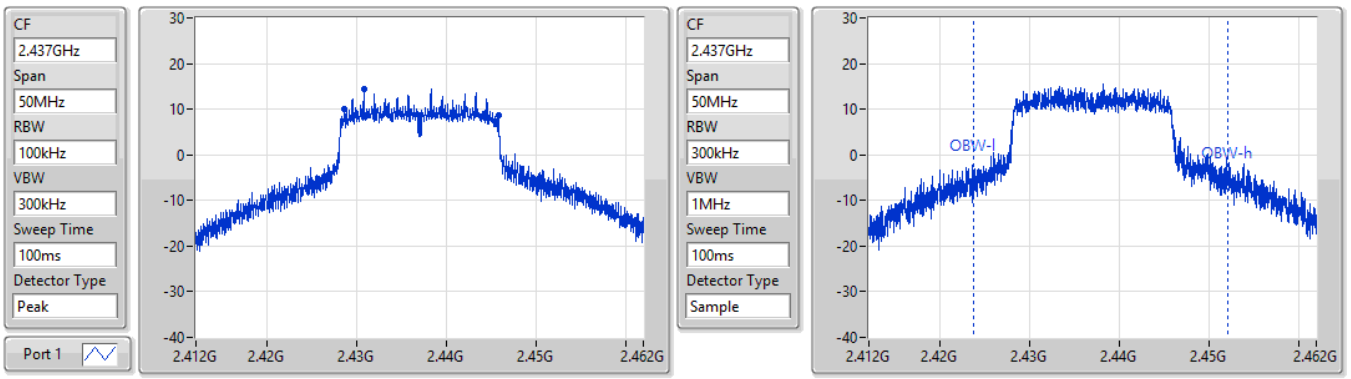
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.4036G	2.4205G	17.891M	2.403054G	2.420946G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

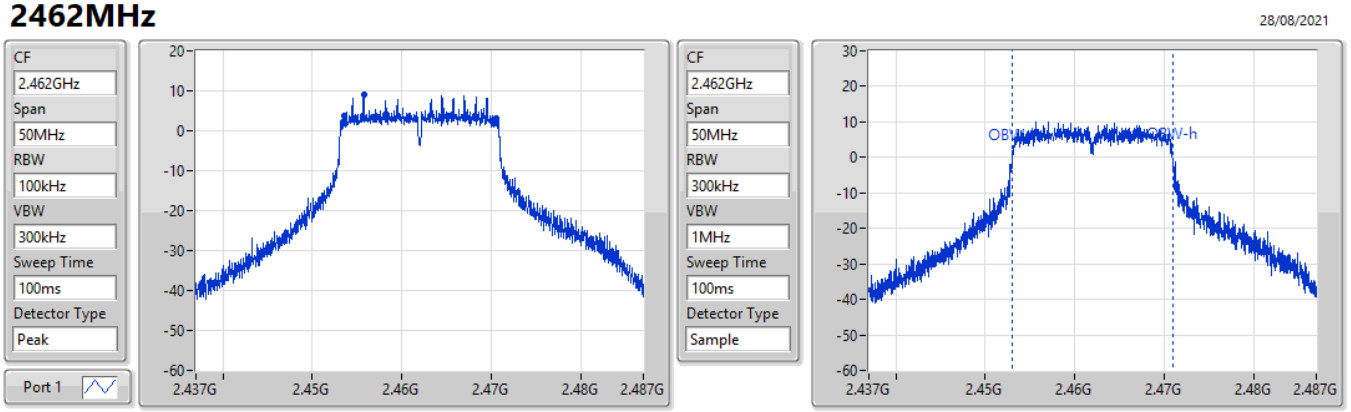
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.428625G	2.445775G	28.411M	2.423682G	2.452092G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

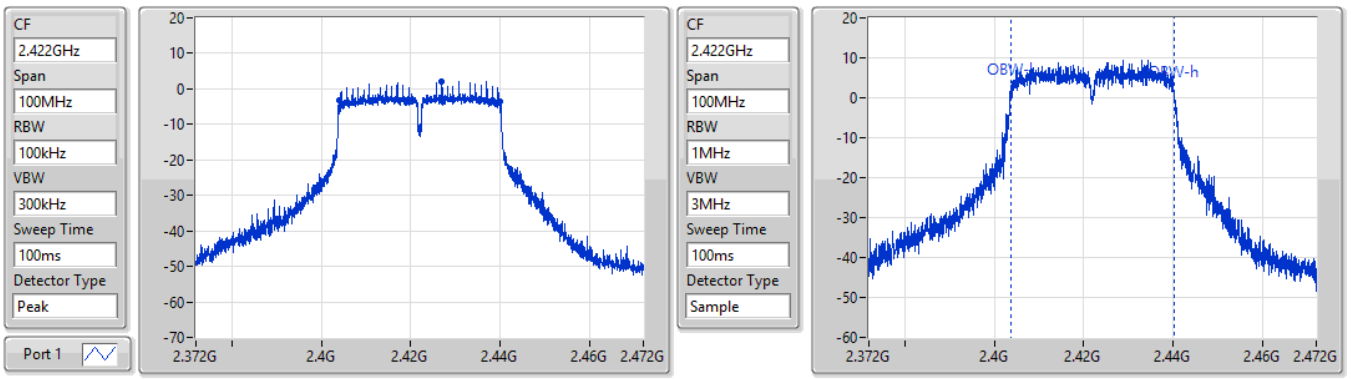
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.453625G	2.470525G	17.866M	2.453054G	2.470921G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

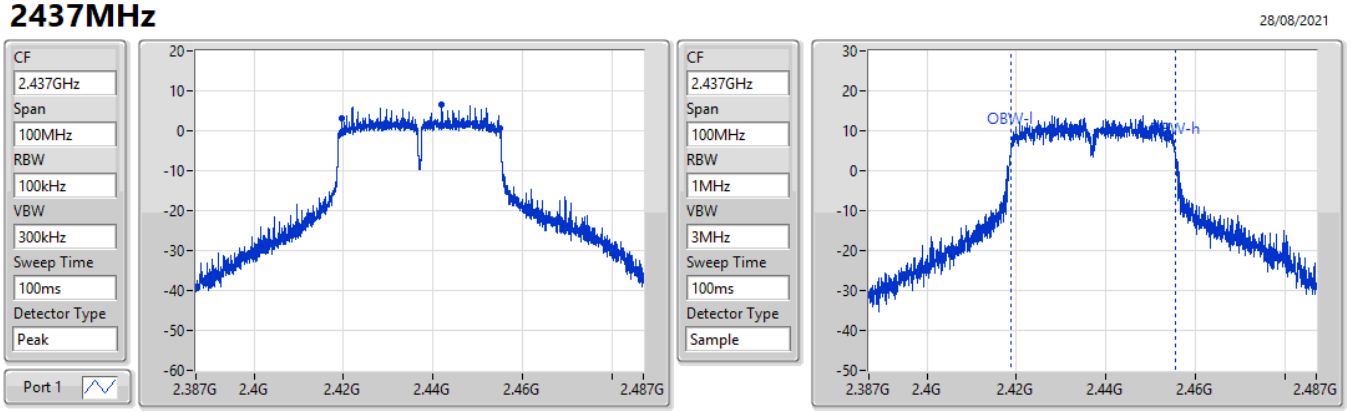
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.8M	2.4041G	2.4399G	36.482M	2.403759G	2.440241G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

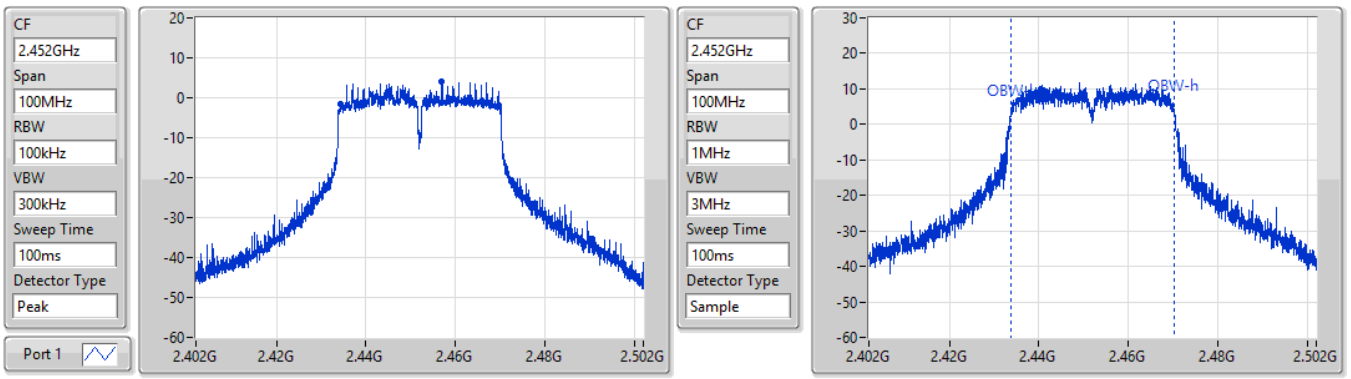
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	2.41955G	2.4549G	36.832M	2.418709G	2.455541G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.55M	2.43425G	2.4698G	36.532M	2.433759G	2.470291G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	23.43	0.22029
802.11g_Nss1,(6Mbps)_1TX	22.53	0.17906
802.11ax HEW20_Nss1,(MCS0)_1TX	22.30	0.16982
802.11ax HEW40_Nss1,(MCS0)_1TX	18.81	0.07603

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	21.45	21.45	30.00
2417MHz	Pass	3.30	22.00	22.00	30.00
2437MHz	Pass	3.30	23.43	23.43	30.00
2457MHz	Pass	3.30	21.05	21.05	30.00
2462MHz	Pass	3.30	20.38	20.38	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	19.63	19.63	30.00
2417MHz	Pass	3.30	19.56	19.56	30.00
2437MHz	Pass	3.30	22.53	22.53	30.00
2457MHz	Pass	3.30	20.16	20.16	30.00
2462MHz	Pass	3.30	18.59	18.59	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	18.91	18.91	30.00
2417MHz	Pass	3.30	19.11	19.11	30.00
2437MHz	Pass	3.30	22.30	22.30	30.00
2457MHz	Pass	3.30	19.14	19.14	30.00
2462MHz	Pass	3.30	17.73	17.73	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.30	18.18	18.18	30.00
2437MHz	Pass	3.30	18.81	18.81	30.00
2452MHz	Pass	3.30	17.06	17.06	30.00

DG = Directional Gain; Port X = Port X output power

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	23.12	0.20512
802.11g_Nss1,(6Mbps)_1TX	22.68	0.18535
802.11ax HEW20_Nss1,(MCS0)_1TX	22.54	0.17947
802.11ax HEW40_Nss1,(MCS0)_1TX	18.99	0.07925

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.10	20.95	20.95	30.00
2417MHz	Pass	3.10	21.02	21.02	30.00
2437MHz	Pass	3.10	23.12	23.12	30.00
2457MHz	Pass	3.10	21.77	21.77	30.00
2462MHz	Pass	3.10	19.95	19.95	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.10	18.71	18.71	30.00
2417MHz	Pass	3.10	19.74	19.74	30.00
2437MHz	Pass	3.10	22.68	22.68	30.00
2457MHz	Pass	3.10	19.97	19.97	30.00
2462MHz	Pass	3.10	18.94	18.94	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.10	18.30	18.30	30.00
2417MHz	Pass	3.10	19.41	19.41	30.00
2437MHz	Pass	3.10	22.54	22.54	30.00
2457MHz	Pass	3.10	19.58	19.58	30.00
2462MHz	Pass	3.10	18.60	18.60	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.10	17.28	17.28	30.00
2437MHz	Pass	3.10	18.65	18.65	30.00
2452MHz	Pass	3.10	18.99	18.99	30.00

DG = Directional Gain; Port X = Port X output power

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.20	0.33113
802.11g_Nss1,(6Mbps)_2TX	25.44	0.34995
802.11ax HEW20_Nss1,(MCS0)_2TX	24.93	0.31117
802.11ax HEW40_Nss1,(MCS0)_2TX	20.40	0.10965

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.30	20.76	20.72	23.75	30.00
2417MHz						
2437MHz	Pass	3.30	22.04	22.33	25.20	30.00
2457MHz	Pass	3.30	20.40	21.33	23.90	30.00
2462MHz	Pass	3.30	19.36	19.83	22.61	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.30	18.64	18.79	21.73	30.00
2417MHz	Pass	3.30	19.57	19.95	22.77	30.00
2437MHz	Pass	3.30	22.51	22.34	25.44	30.00
2457MHz	Pass	3.30	18.31	19.29	21.84	30.00
2462MHz	Pass	3.30	17.50	17.98	20.76	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.30	18.12	18.32	21.23	30.00
2417MHz	Pass	3.30	19.09	19.61	22.37	30.00
2437MHz	Pass	3.30	22.06	21.77	24.93	30.00
2457MHz	Pass	3.30	18.05	18.88	21.50	30.00
2462MHz	Pass	3.30	16.43	17.18	19.83	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.30	16.85	16.97	19.92	30.00
2437MHz	Pass	3.30	17.93	16.77	20.40	30.00
2452MHz	Pass	3.30	15.15	14.88	18.03	30.00

DG = Directional Gain; Port X = Port X output power

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	18.07	0.06412
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	17.97	0.06266

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.31	13.93	13.24	16.61	29.69
2437MHz	Pass	6.31	14.91	15.20	18.07	29.69
2462MHz	Pass	6.31	14.82	15.24	18.05	29.69
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.31	13.79	13.44	16.63	29.69
2437MHz	Pass	6.31	14.72	15.18	17.97	29.69
2452MHz	Pass	6.31	14.63	15.19	17.93	29.69

DG = Directional Gain; Port X = Port X output power

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	25.52	0.35645
802.11g_Nss1,(6Mbps)_1TX	25.09	0.32285
VHT20_Nss1,(MCS0)_1TX	24.77	0.29992
VHT40_Nss1,(MCS0)_1TX	20.29	0.10691

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.90	23.92	23.92	30.00
2417MHz	Pass	2.90	24.23	24.23	30.00
2437MHz	Pass	2.90	25.52	25.52	30.00
2457MHz	Pass	2.90	23.50	23.50	30.00
2462MHz	Pass	2.90	22.73	22.73	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.90	21.21	21.21	30.00
2417MHz	Pass	2.90	23.43	23.43	30.00
2437MHz	Pass	2.90	25.09	25.09	30.00
2457MHz	Pass	2.90	21.59	21.59	30.00
2462MHz	Pass	2.90	19.47	19.47	30.00
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.90	19.27	19.27	30.00
2417MHz	Pass	2.90	21.45	21.45	30.00
2437MHz	Pass	2.90	24.77	24.77	30.00
2457MHz	Pass	2.90	21.03	21.03	30.00
2462MHz	Pass	2.90	19.27	19.27	30.00
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.90	16.02	16.02	30.00
2427MHz	Pass	2.90	17.49	17.49	30.00
2437MHz	Pass	2.90	20.29	20.29	30.00
2452MHz	Pass	2.90	17.92	17.92	30.00

DG = Directional Gain; Port X = Port X output power

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-1.18
802.11g_Nss1,(6Mbps)_1TX	-4.56
802.11ax HEW20_Nss1,(MCS0)_1TX	-3.36
802.11ax HEW40_Nss1,(MCS0)_1TX	-7.92

RBW = 3kHz;

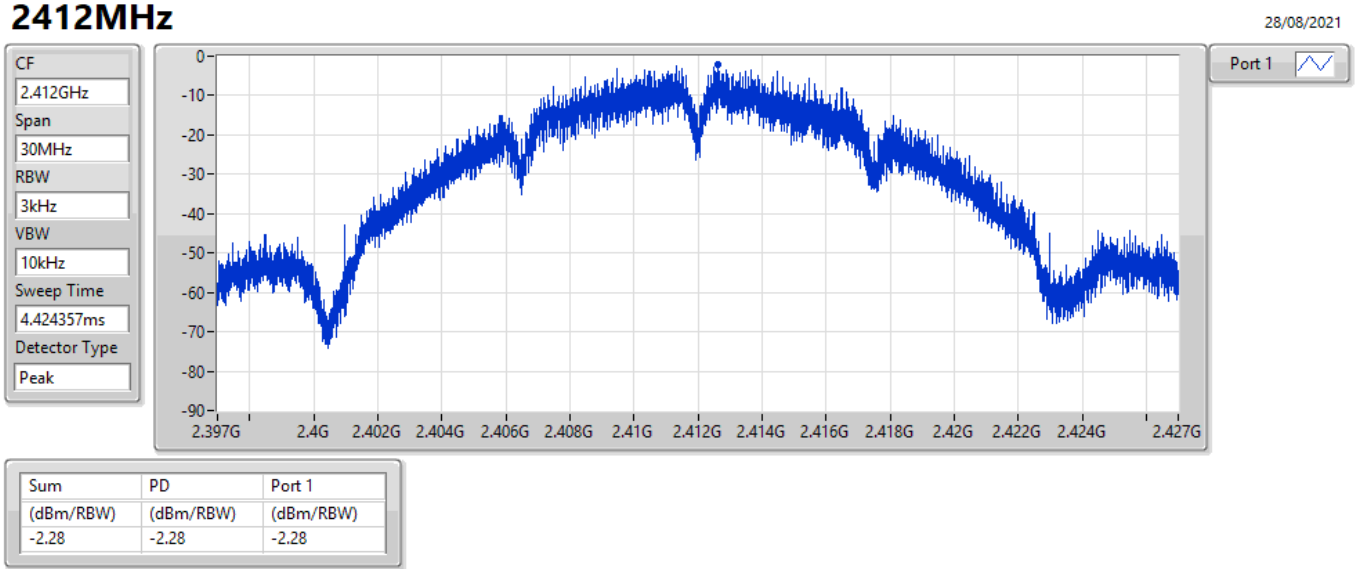
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	-2.28	-2.28	8.00
2437MHz	Pass	3.30	-1.18	-1.18	8.00
2462MHz	Pass	3.30	-3.32	-3.32	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	-6.65	-6.65	8.00
2437MHz	Pass	3.30	-4.56	-4.56	8.00
2462MHz	Pass	3.30	-7.01	-7.01	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.30	-5.81	-5.81	8.00
2437MHz	Pass	3.30	-3.36	-3.36	8.00
2462MHz	Pass	3.30	-8.06	-8.06	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.30	-10.31	-10.31	8.00
2437MHz	Pass	3.30	-7.92	-7.92	8.00
2452MHz	Pass	3.30	-10.64	-10.64	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_1TX PSD

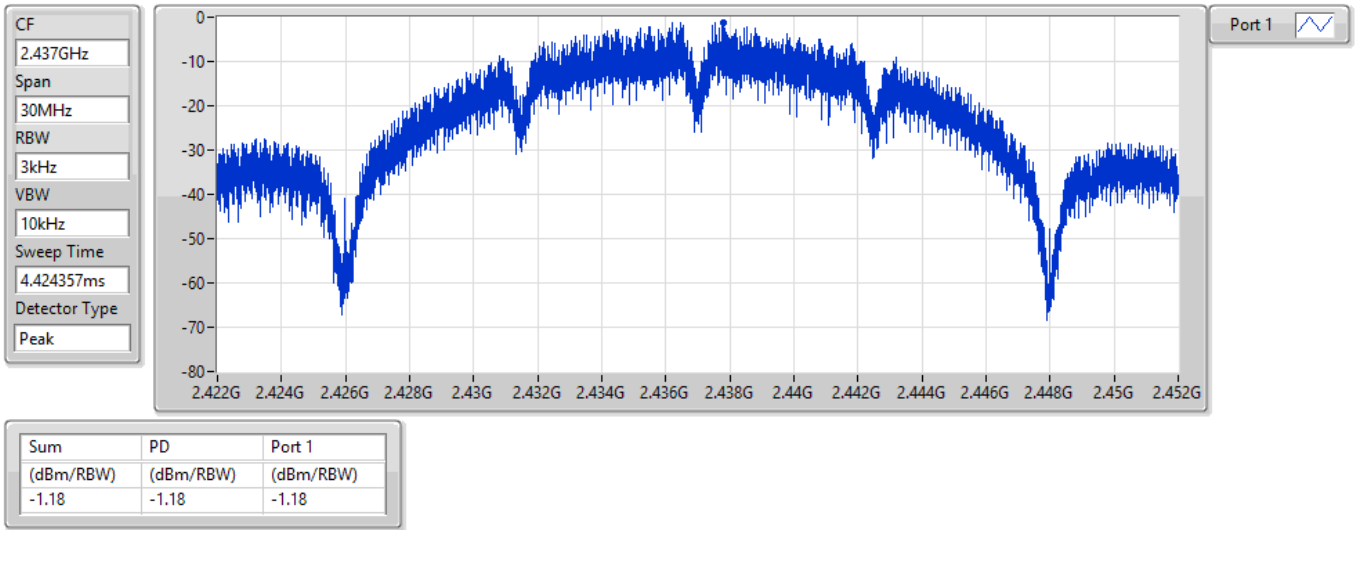
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.28	-2.28	-2.28

802.11b_Nss1,(1Mbps)_1TX PSD

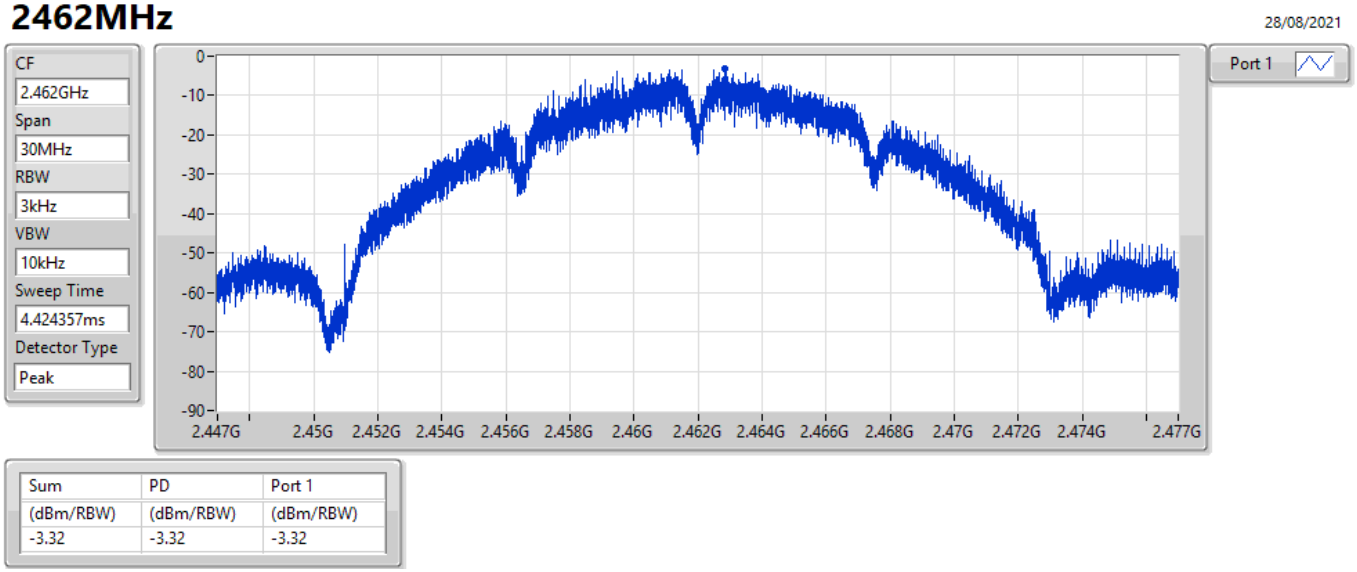
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-1.18

802.11b_Nss1,(1Mbps)_1TX PSD

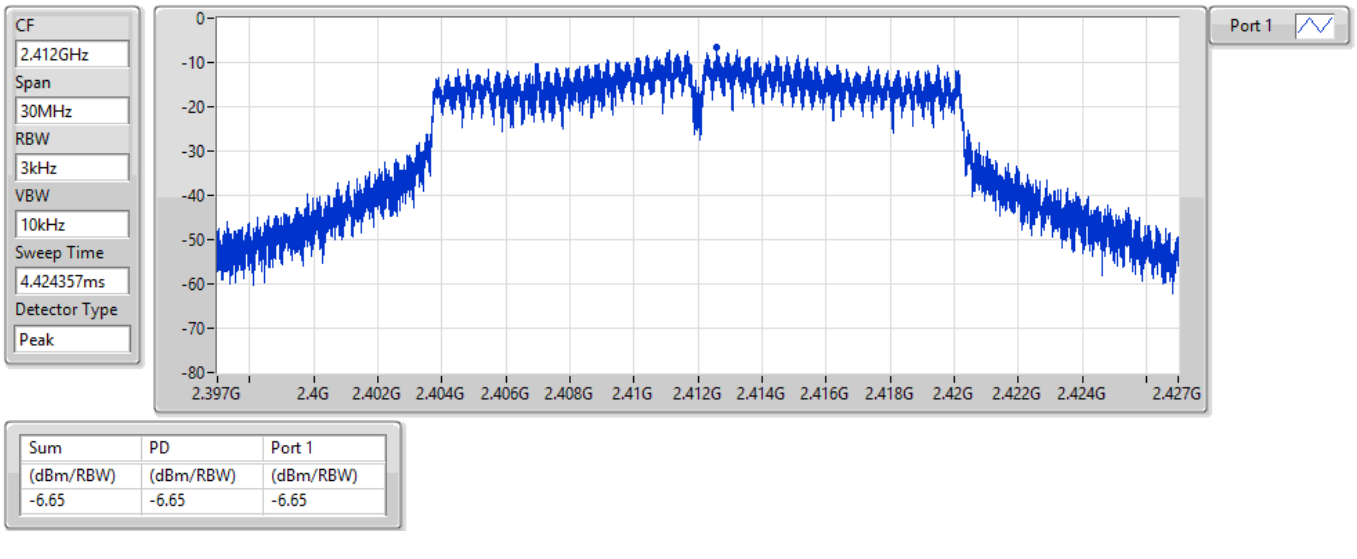
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.32	-3.32	-3.32

802.11g_Nss1,(6Mbps)_1TX PSD

2412MHz

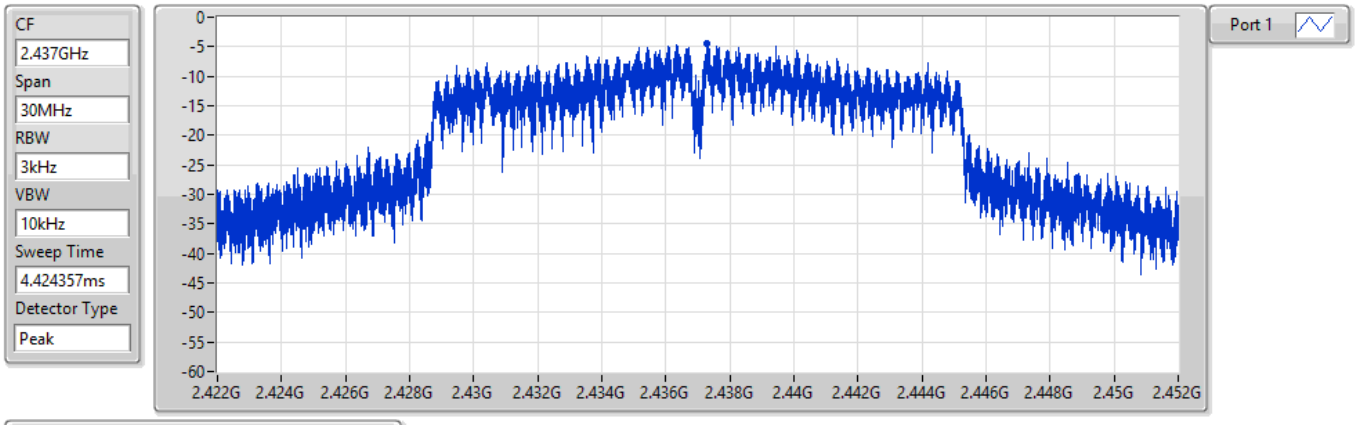


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.65	-6.65	-6.65

802.11g_Nss1,(6Mbps)_1TX PSD

2437MHz

28/08/2021

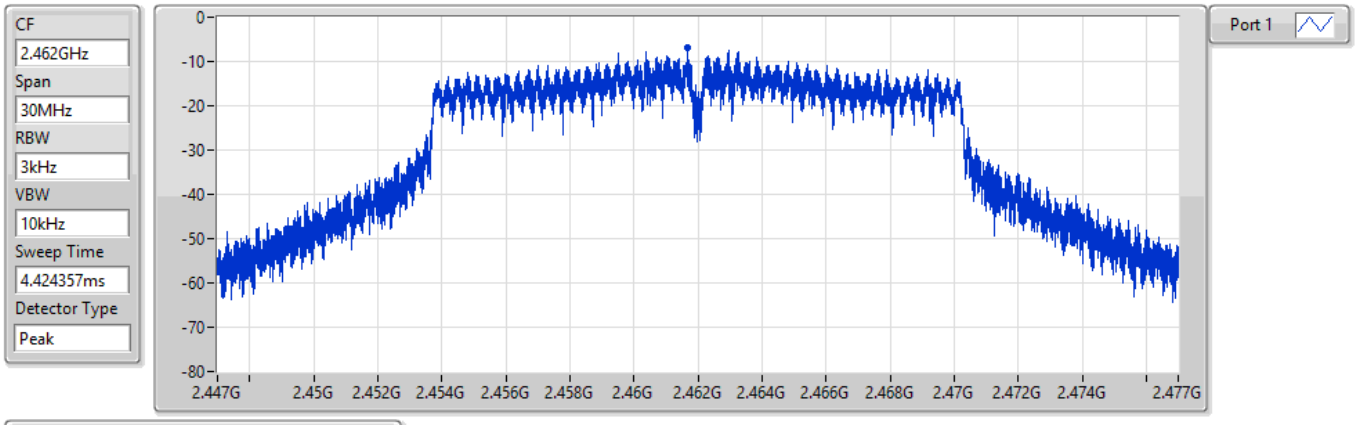


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.56	-4.56	-4.56

802.11g_Nss1,(6Mbps)_1TX PSD

2462MHz

28/08/2021

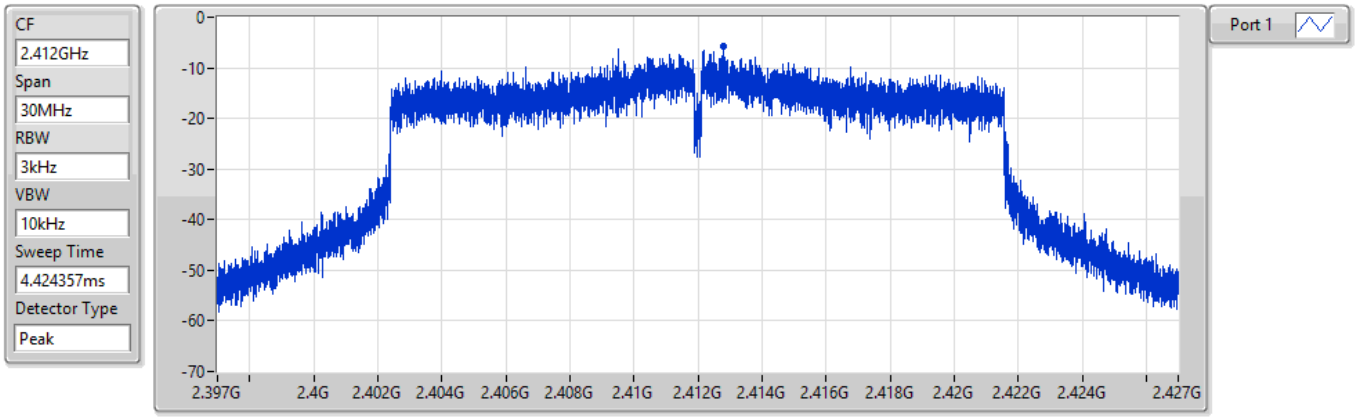


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.01	-7.01	-7.01

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2412MHz

28/08/2021

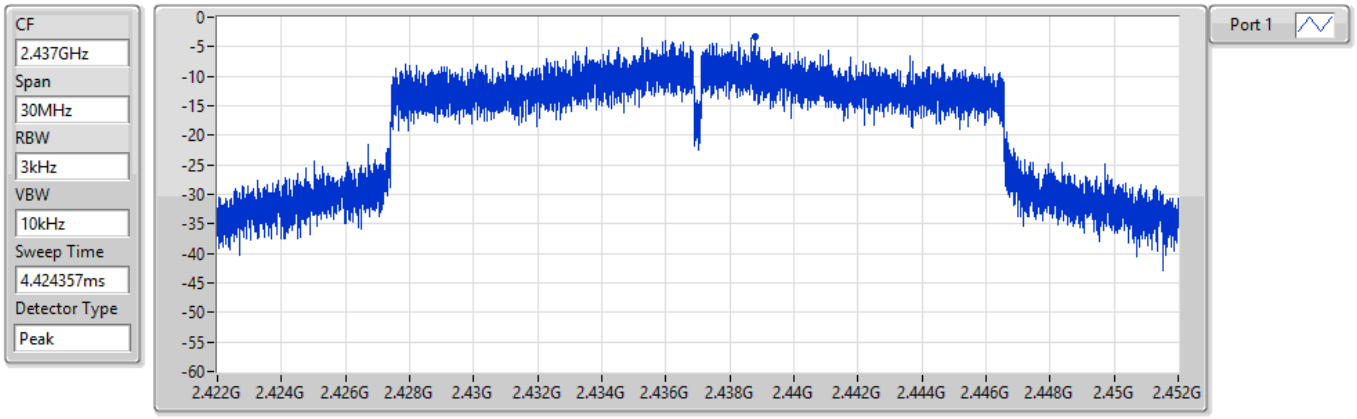


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.81	-5.81	-5.81

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2437MHz

28/08/2021



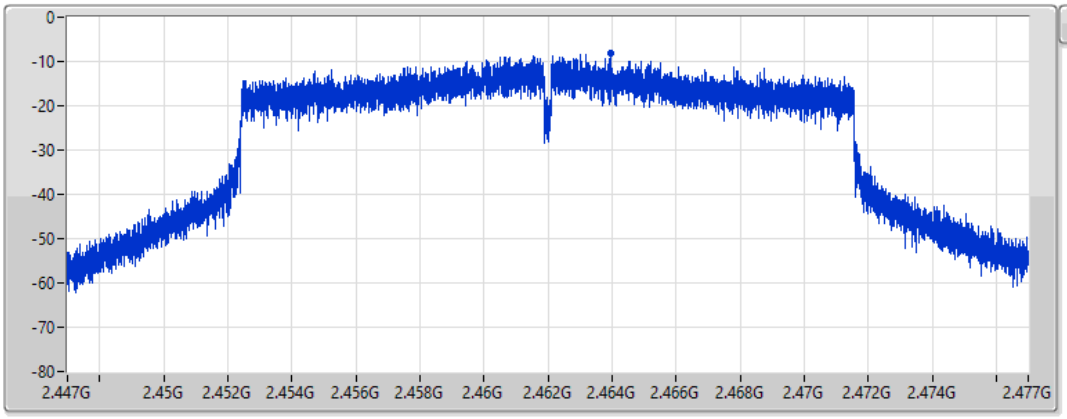
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.36	-3.36	-3.36

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2462MHz

28/08/2021

CF	2.462GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



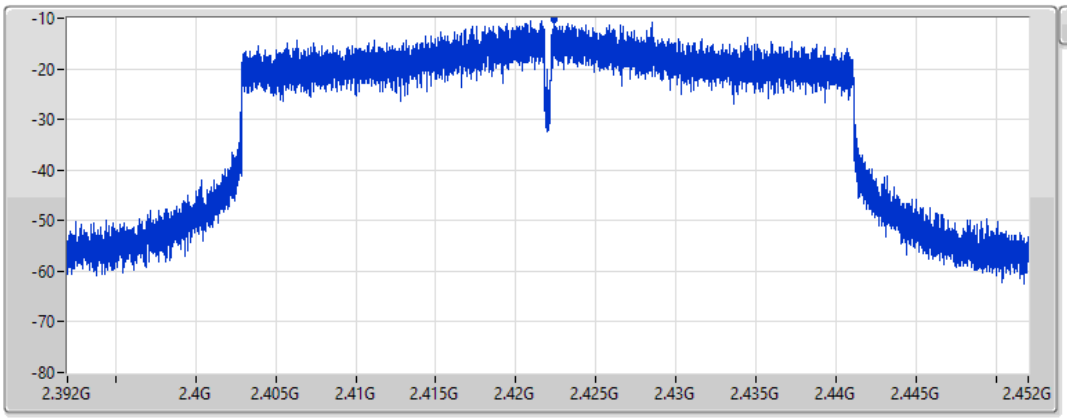
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.06	-8.06	-8.06

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

2422MHz

28/08/2021

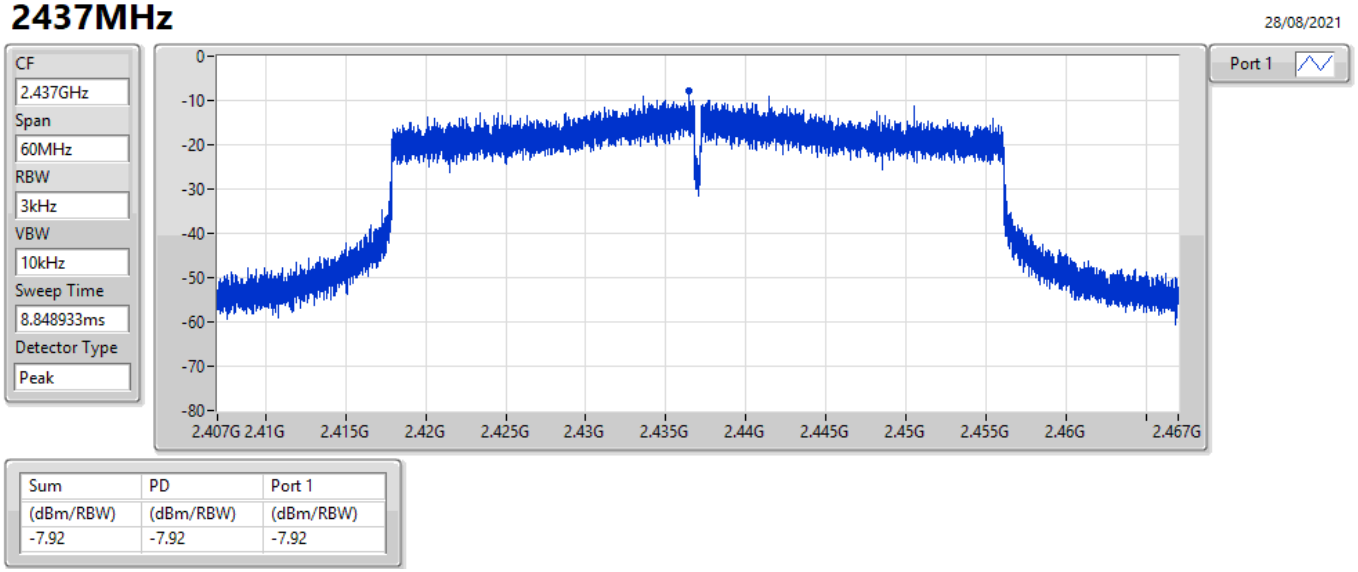
CF	2.422GHz
Span	60MHz
RBW	3kHz
VBW	10kHz
Sweep Time	8.848933ms
Detector Type	Peak



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.31	-10.31	-10.31

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

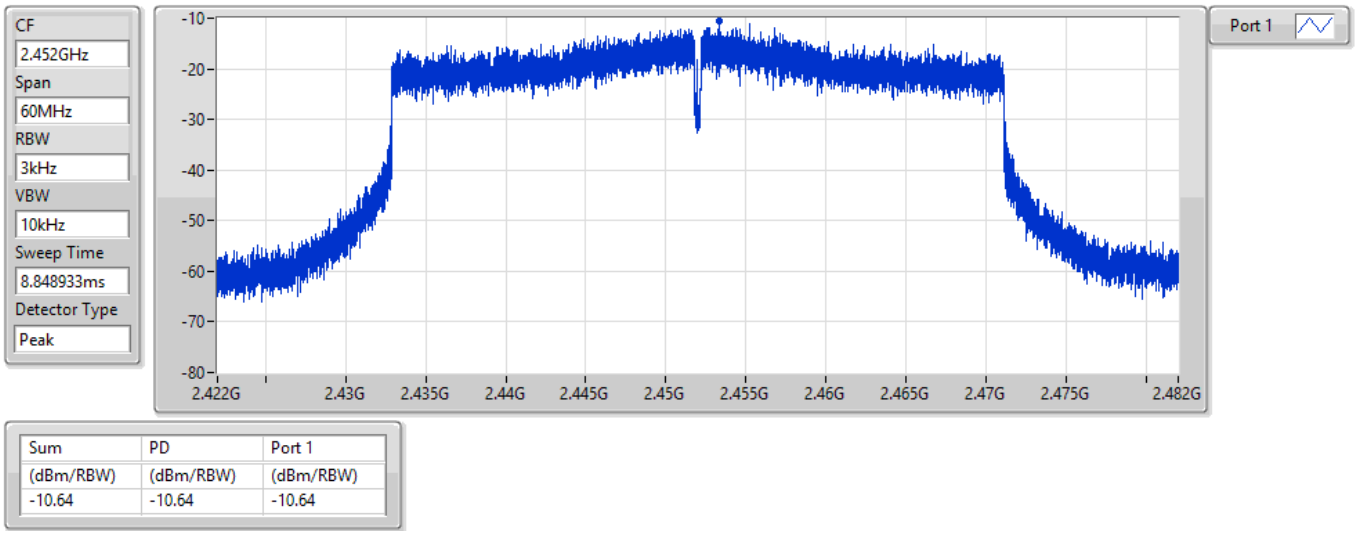
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.92	-7.92	-7.92

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.64	-10.64	-10.64

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	0.05
802.11g_Nss1,(6Mbps)_1TX	-3.46
802.11ax HEW20_Nss1,(MCS0)_1TX	-3.57
802.11ax HEW40_Nss1,(MCS0)_1TX	-8.46

RBW = 3kHz;

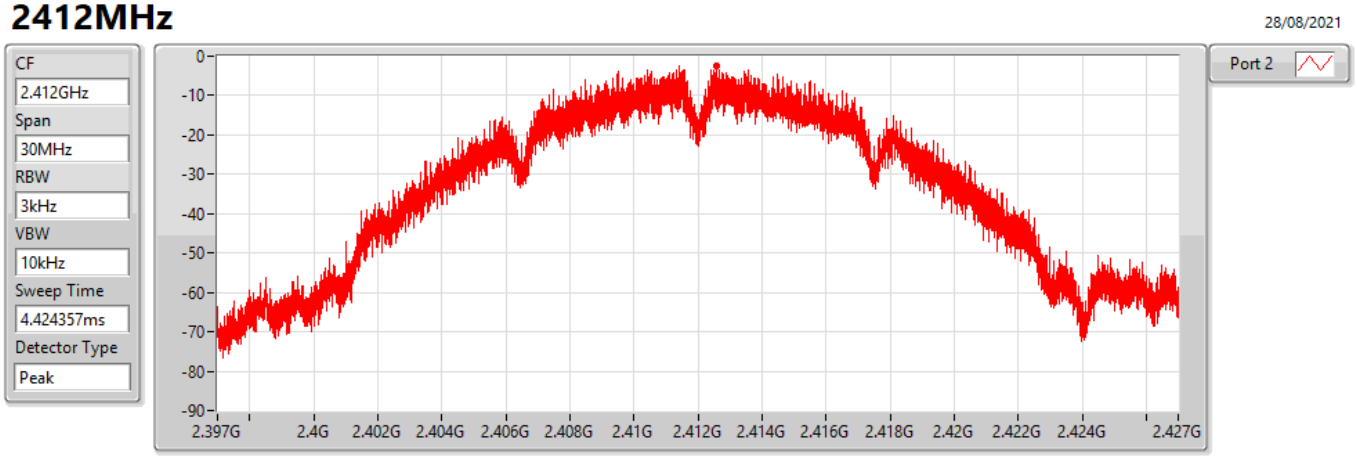
Result

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.10	-2.34	-2.34	8.00
2437MHz	Pass	3.10	0.05	0.05	8.00
2462MHz	Pass	3.10	-4.37	-4.37	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.10	-7.46	-7.46	8.00
2437MHz	Pass	3.10	-3.46	-3.46	8.00
2462MHz	Pass	3.10	-7.36	-7.36	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.10	-7.00	-7.00	8.00
2437MHz	Pass	3.10	-3.57	-3.57	8.00
2462MHz	Pass	3.10	-7.18	-7.18	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.10	-10.82	-10.82	8.00
2437MHz	Pass	3.10	-8.46	-8.46	8.00
2452MHz	Pass	3.10	-9.37	-9.37	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_1TX PSD

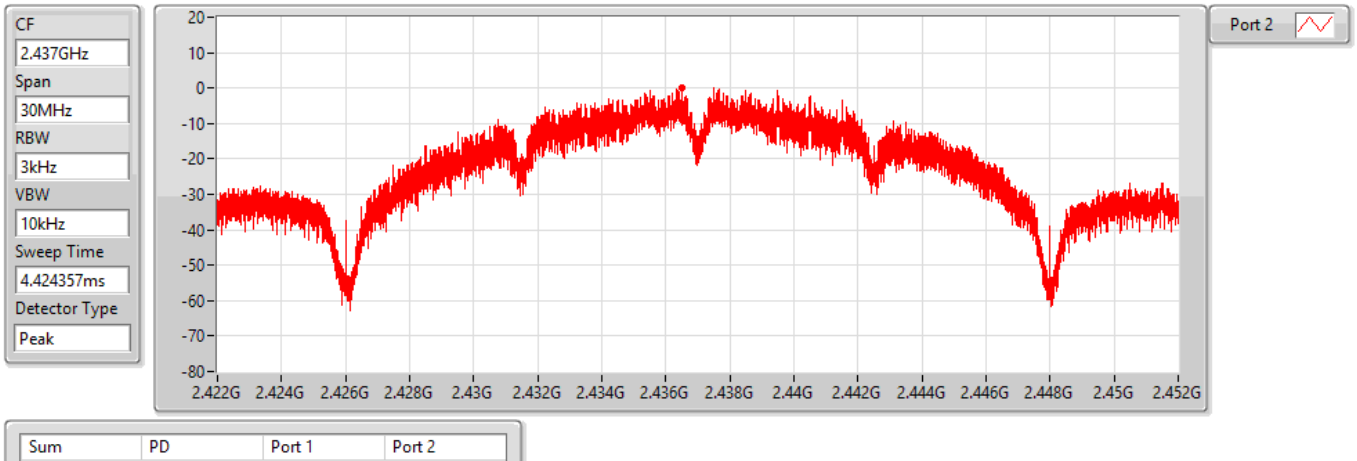
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.34	-2.34	-	-2.34

802.11b_Nss1,(1Mbps)_1TX PSD

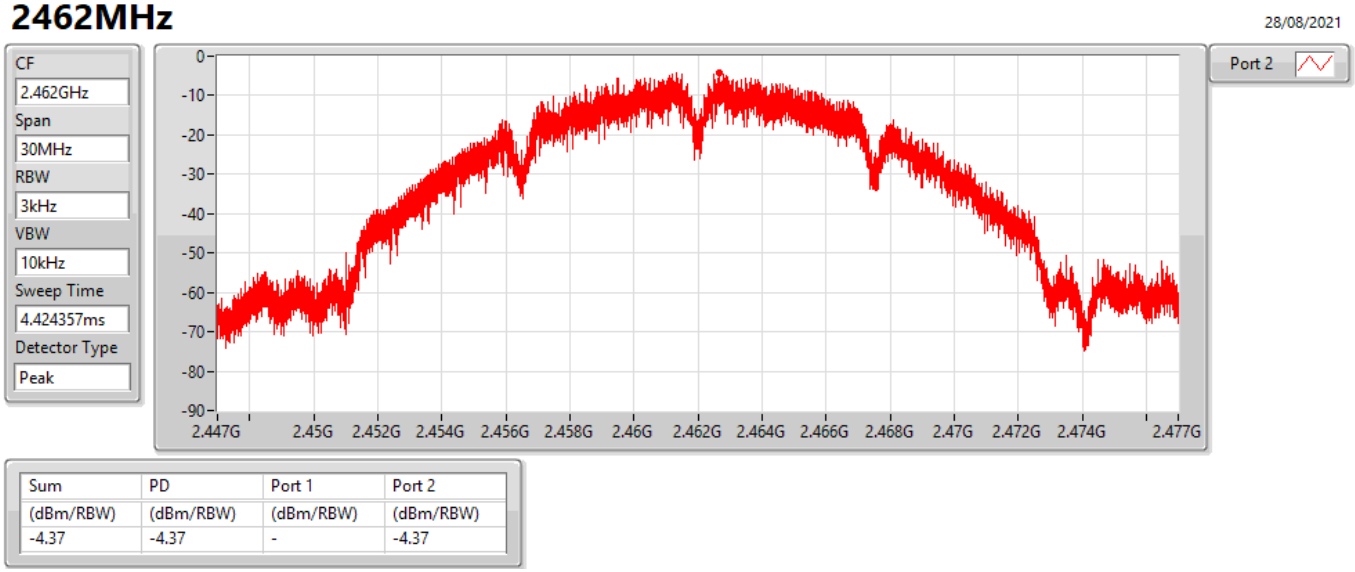
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.05	0.05	-	0.05

802.11b_Nss1,(1Mbps)_1TX PSD

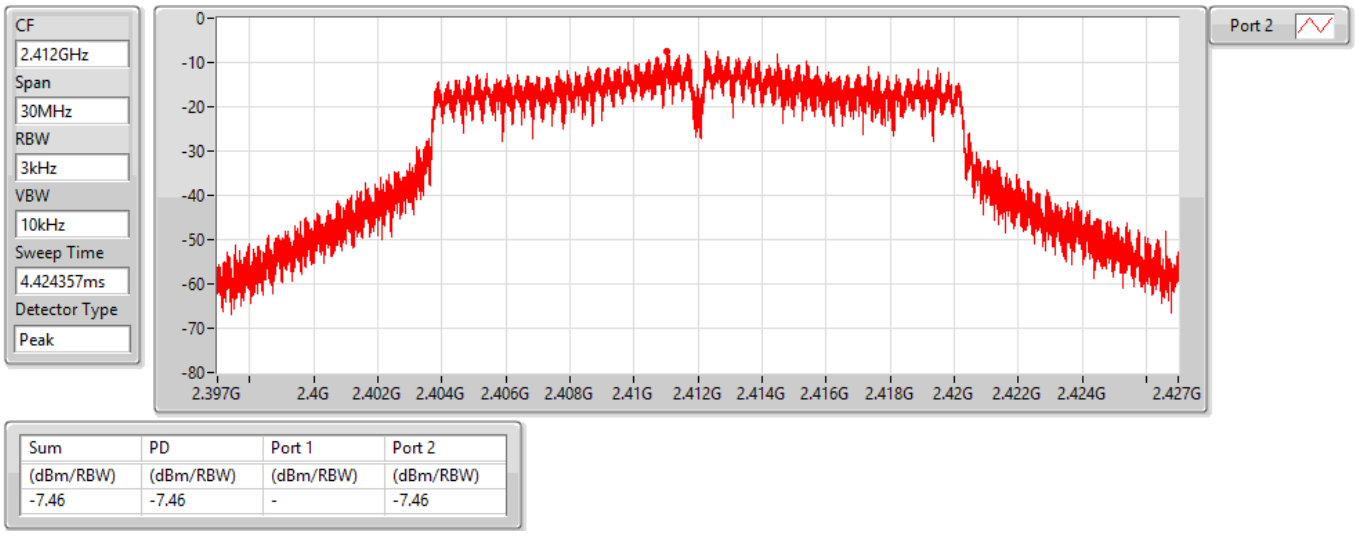
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.37	-4.37	-	-4.37

802.11g_Nss1,(6Mbps)_1TX PSD

2412MHz

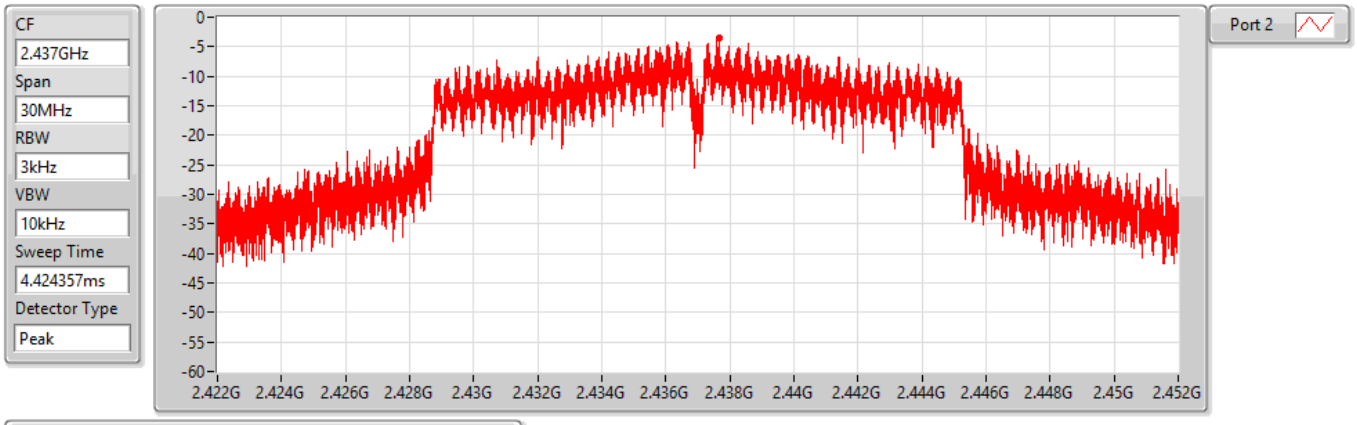


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.46	-7.46	-	-7.46

802.11g_Nss1,(6Mbps)_1TX PSD

2437MHz

28/08/2021

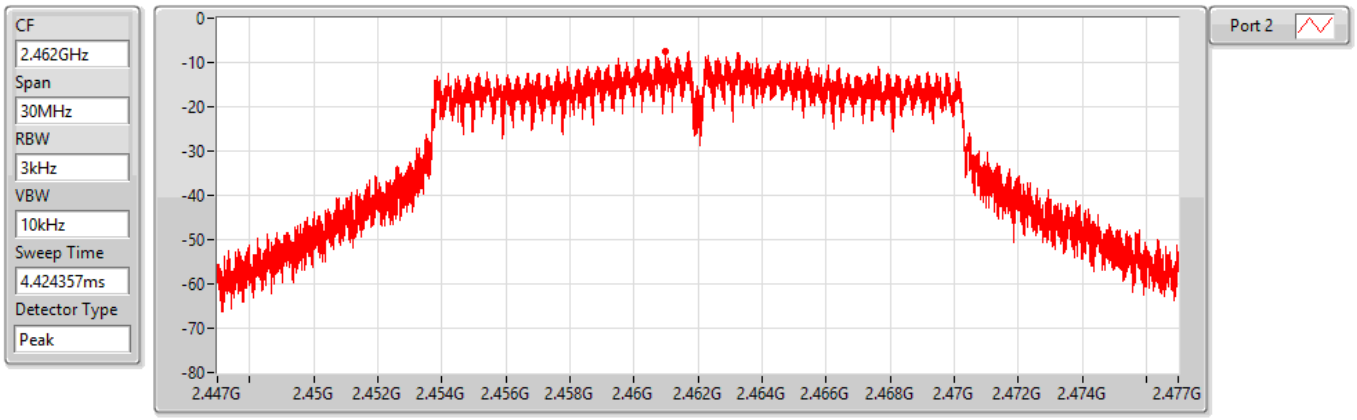


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.46	-3.46	-	-3.46

802.11g_Nss1,(6Mbps)_1TX PSD

2462MHz

28/08/2021

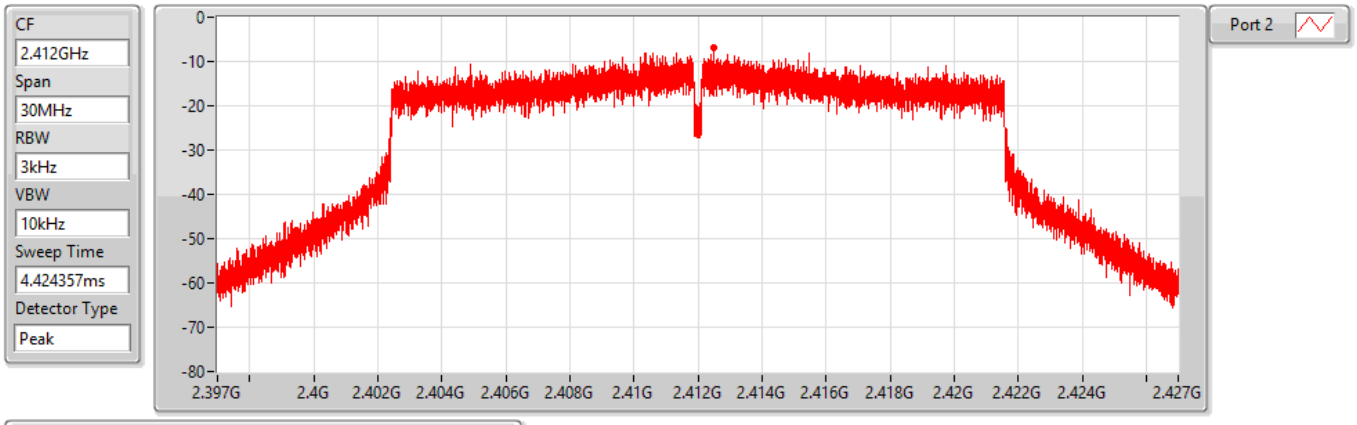


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.36	-7.36	-	-7.36

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2412MHz

28/08/2021

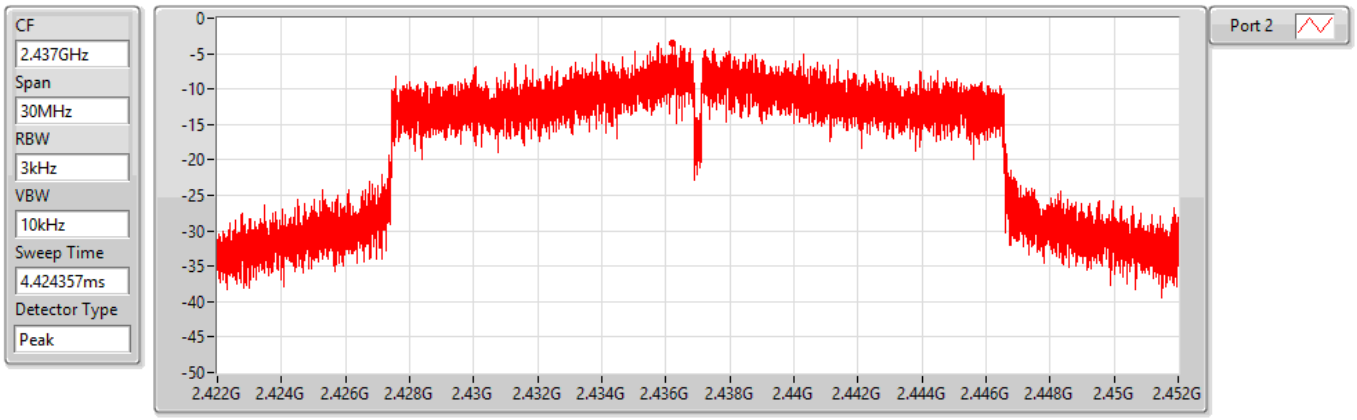


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.00	-7.00	-	-7.00

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2437MHz

28/08/2021

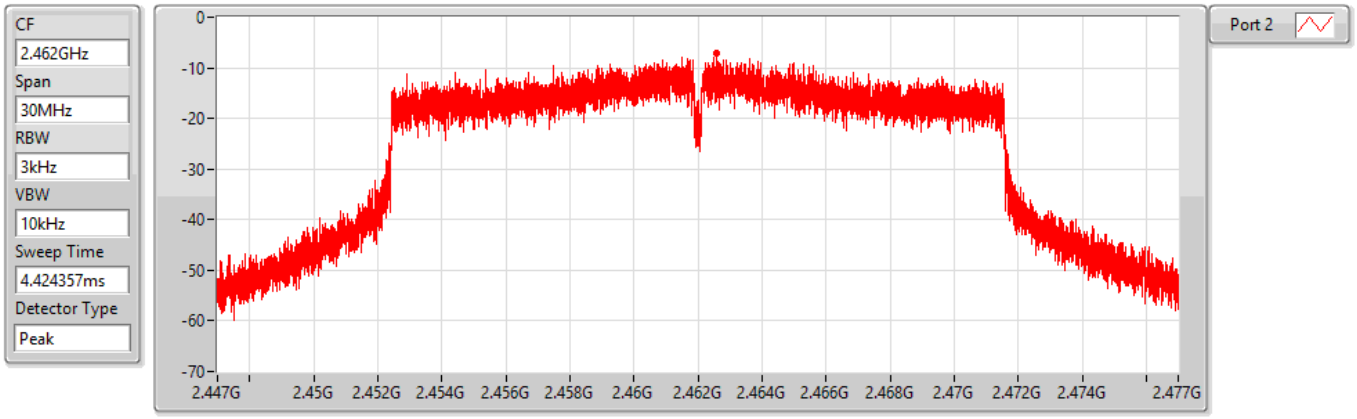


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.57	-3.57	-	-3.57

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2462MHz

28/08/2021

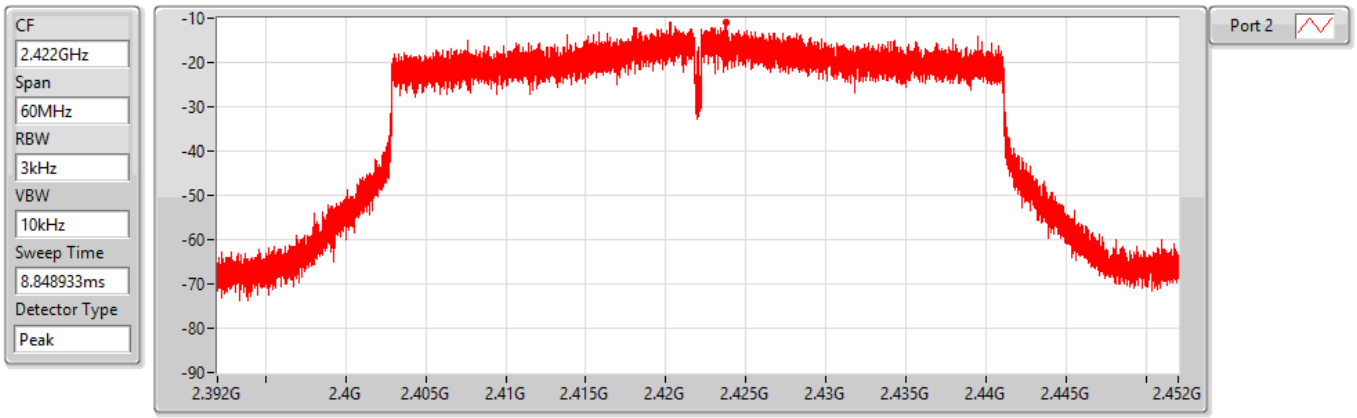


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.18	-7.18	-	-7.18

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

2422MHz

28/08/2021

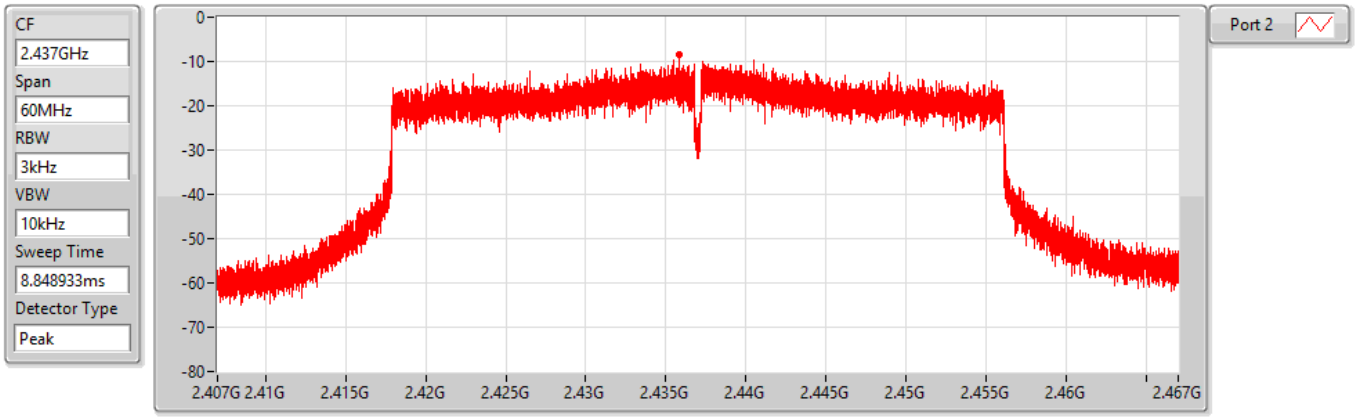


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.82	-10.82	-	-10.82

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

2437MHz

28/08/2021

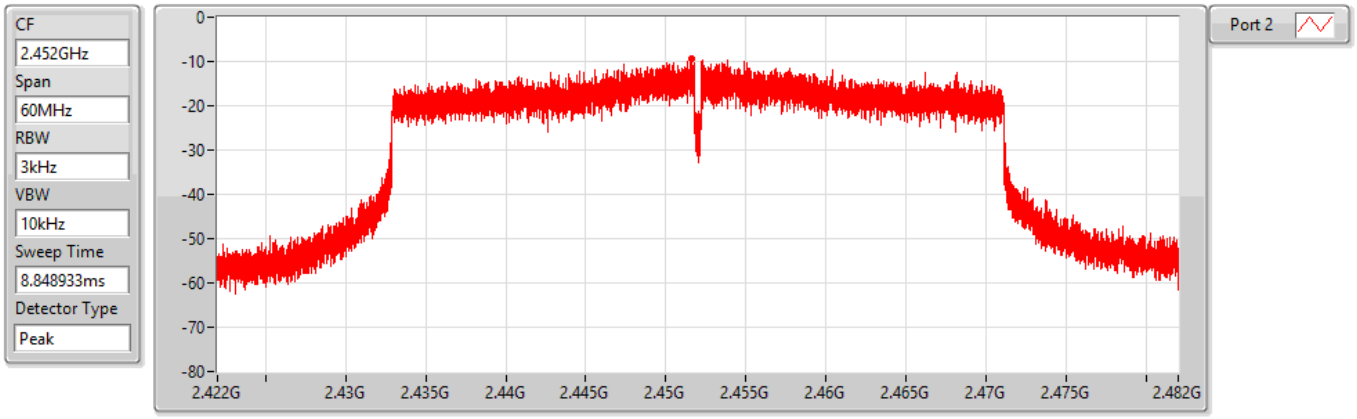


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.46	-8.46	-	-8.46

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

2452MHz

28/08/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.37	-9.37	-	-9.37

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.30
802.11g_Nss1,(6Mbps)_2TX	-1.60
802.11ax HEW20_Nss1,(MCS0)_2TX	-0.65
802.11ax HEW40_Nss1,(MCS0)_2TX	-7.55

RBW = 3kHz;

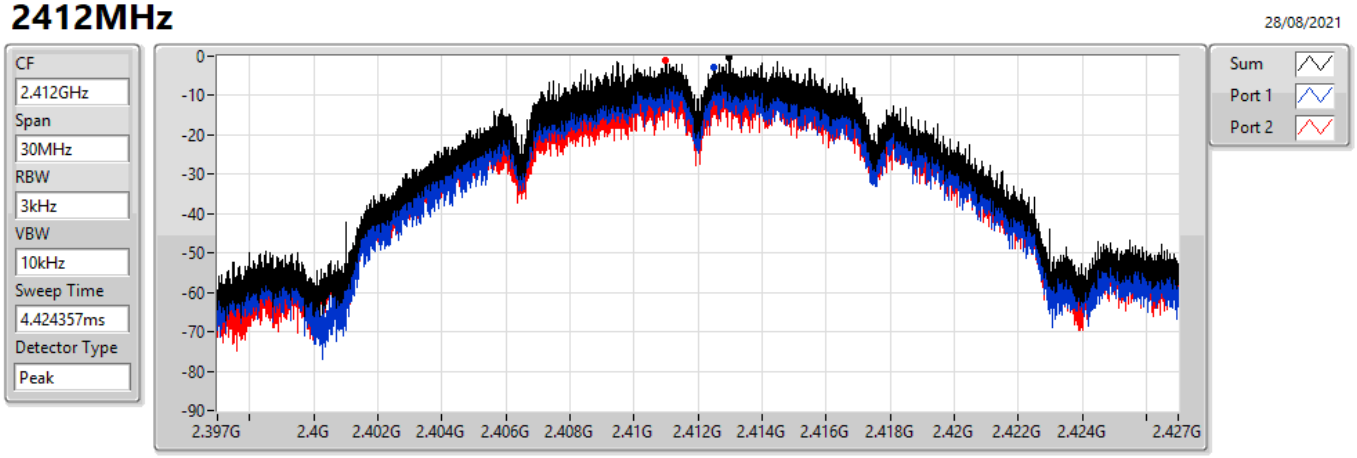
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.21	-2.90	-0.91	-0.45	7.79
2437MHz	Pass	6.21	-0.36	-1.76	1.30	7.79
2462MHz	Pass	6.21	-3.86	-2.02	-0.16	7.79
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.21	-7.34	-7.98	-5.63	7.79
2437MHz	Pass	6.21	-4.59	-4.10	-1.60	7.79
2462MHz	Pass	6.21	-8.65	-9.00	-6.76	7.79
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.21	-6.94	-5.61	-4.30	7.79
2437MHz	Pass	6.21	-2.93	-3.56	-0.65	7.79
2462MHz	Pass	6.21	-9.62	-6.60	-5.66	7.79
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.21	-10.53	-8.94	-7.55	7.79
2437MHz	Pass	6.21	-10.40	-10.31	-8.97	7.79
2452MHz	Pass	6.21	-13.28	-12.72	-11.22	7.79

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX PSD

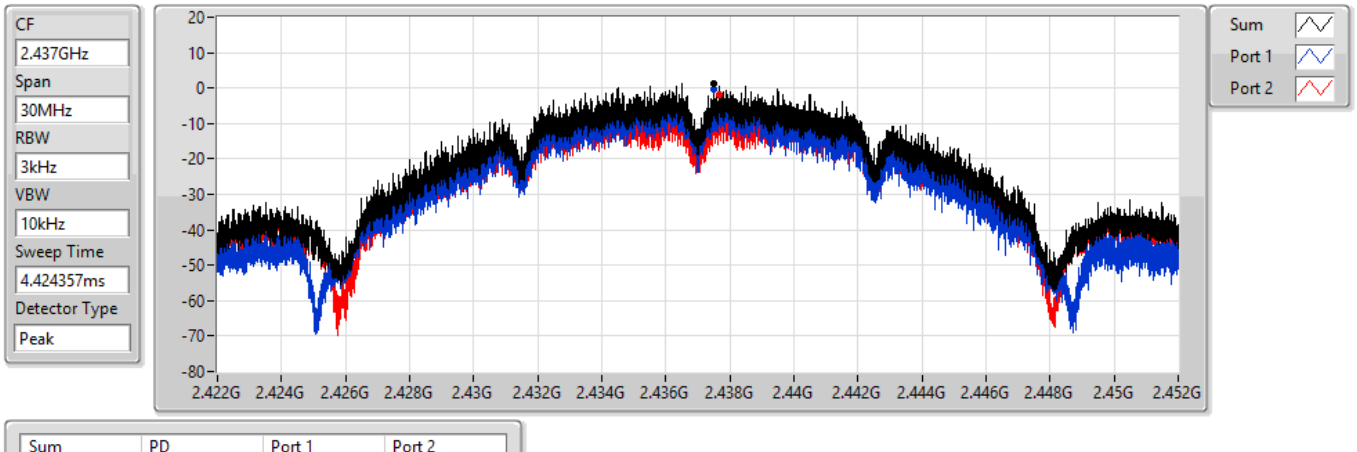
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.45	-0.45	-2.90	-0.91

802.11b_Nss1,(1Mbps)_2TX PSD

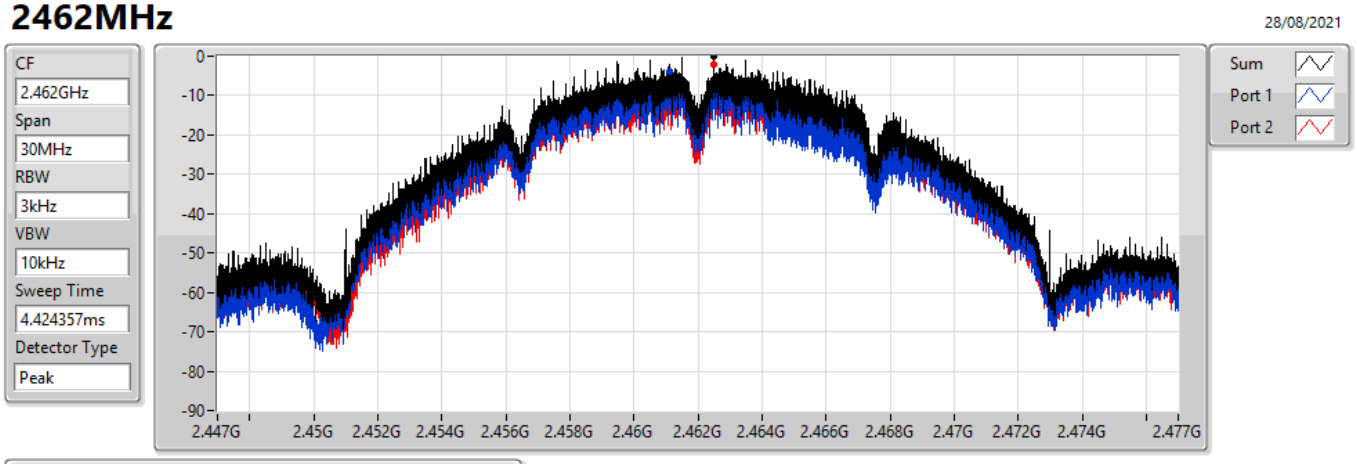
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.30	1.30	-0.36	-1.76

802.11b_Nss1,(1Mbps)_2TX PSD

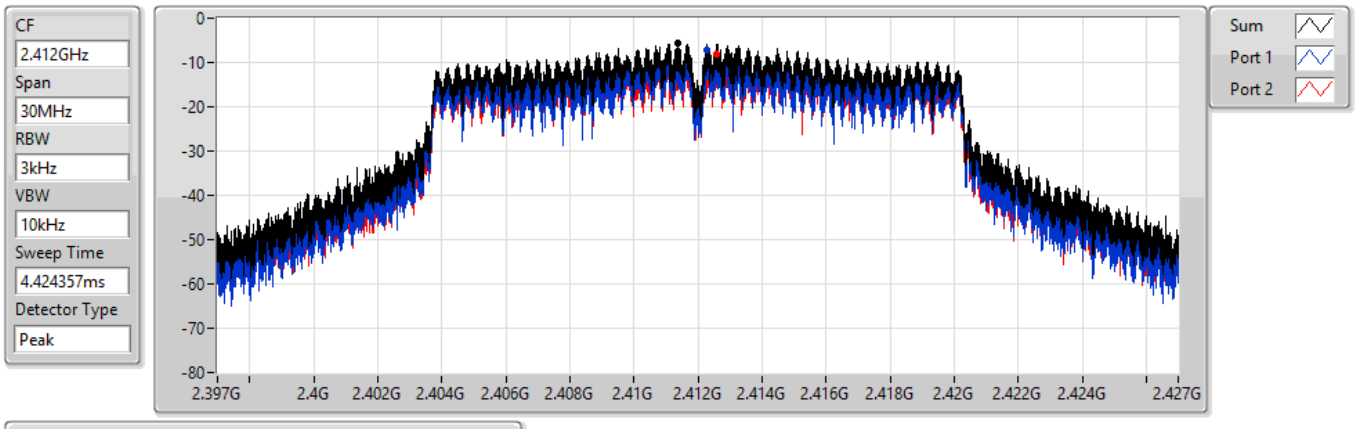
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.16	-0.16	-3.86	-2.02

802.11g_Nss1,(6Mbps)_2TX PSD

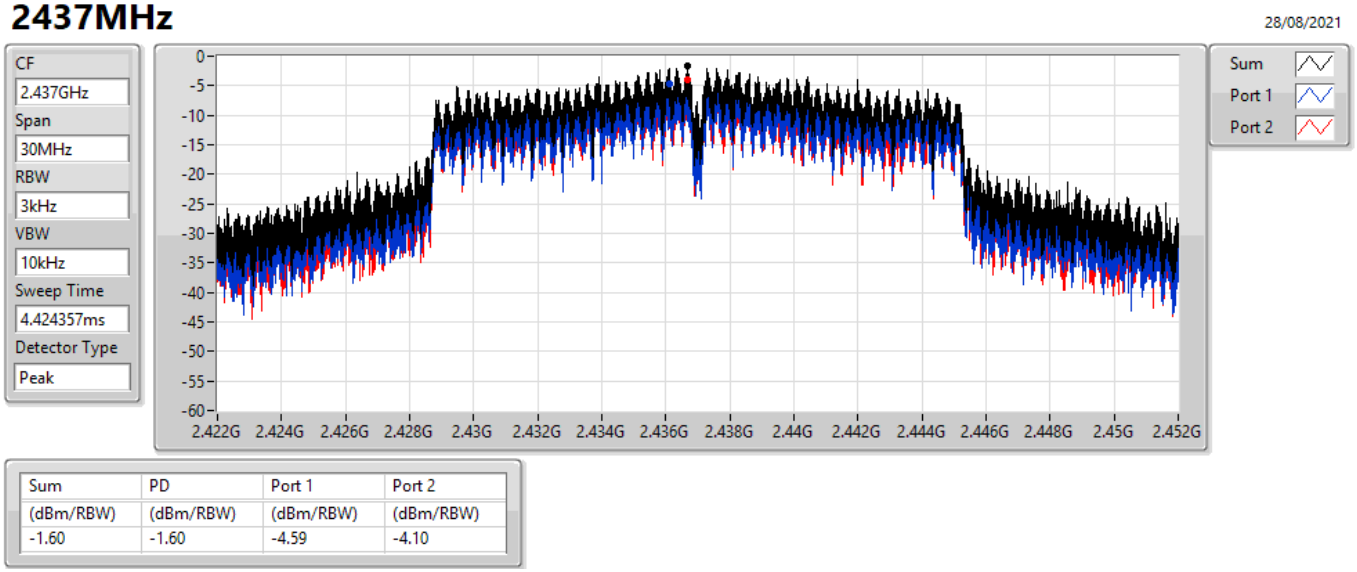
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.63	-5.63	-7.34	-7.98

802.11g_Nss1,(6Mbps)_2TX PSD

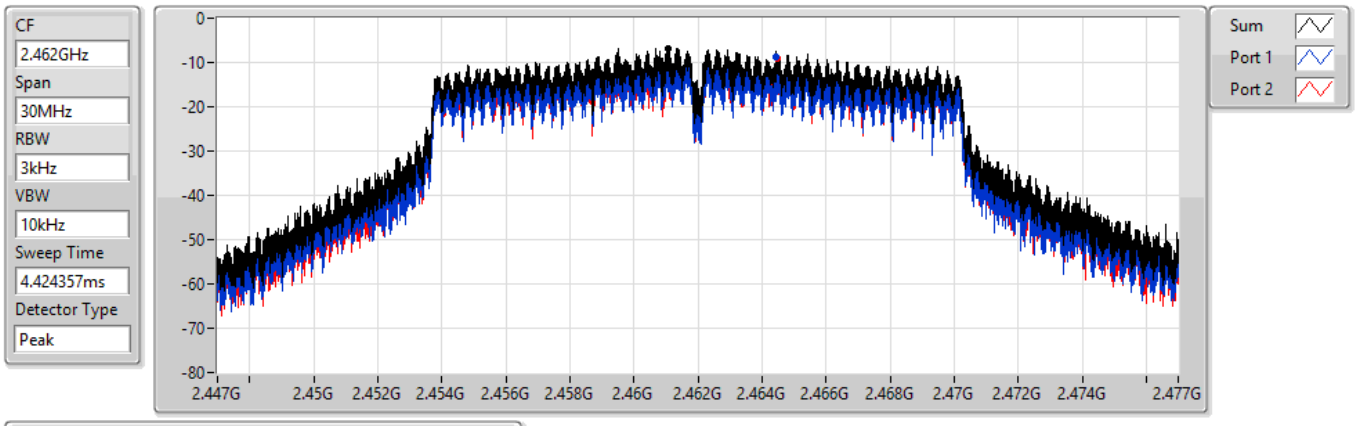
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.60	-1.60	-4.59	-4.10

802.11g_Nss1,(6Mbps)_2TX PSD

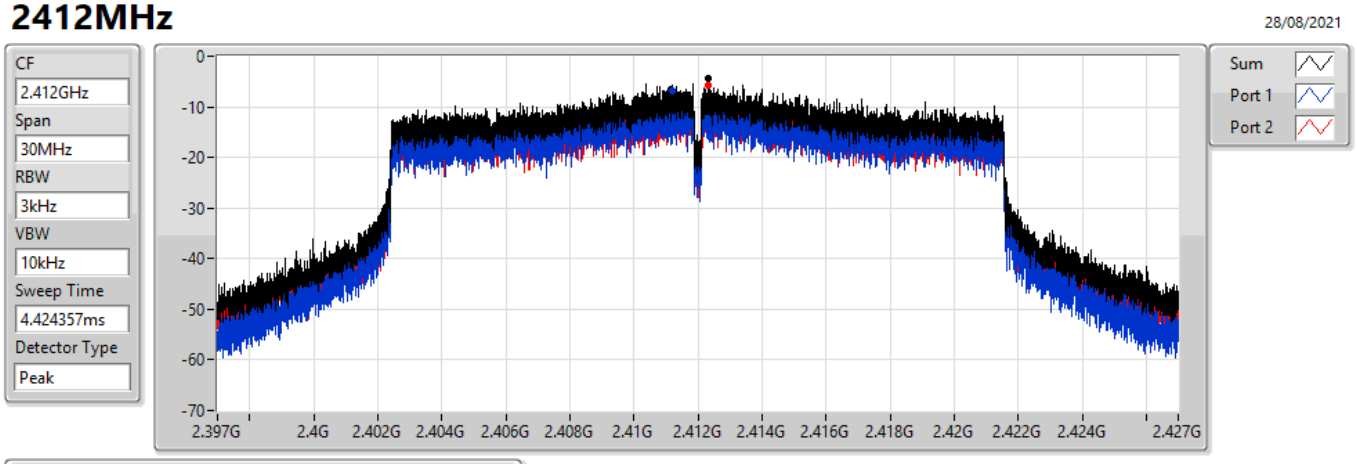
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.76	-6.76	-8.65	-9.00

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

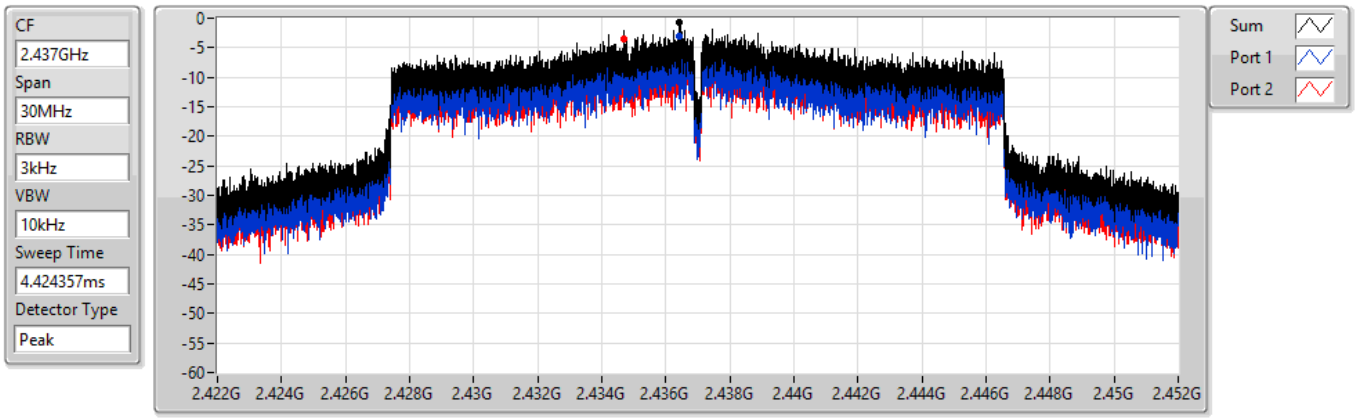
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.30	-4.30	-6.94	-5.61

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

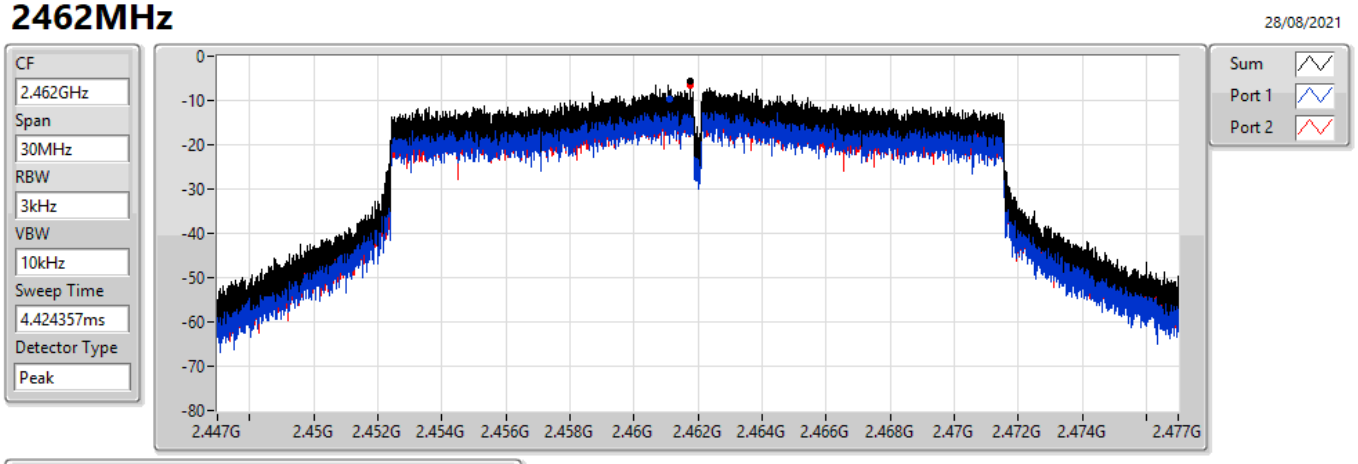
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-2.93	-3.56

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

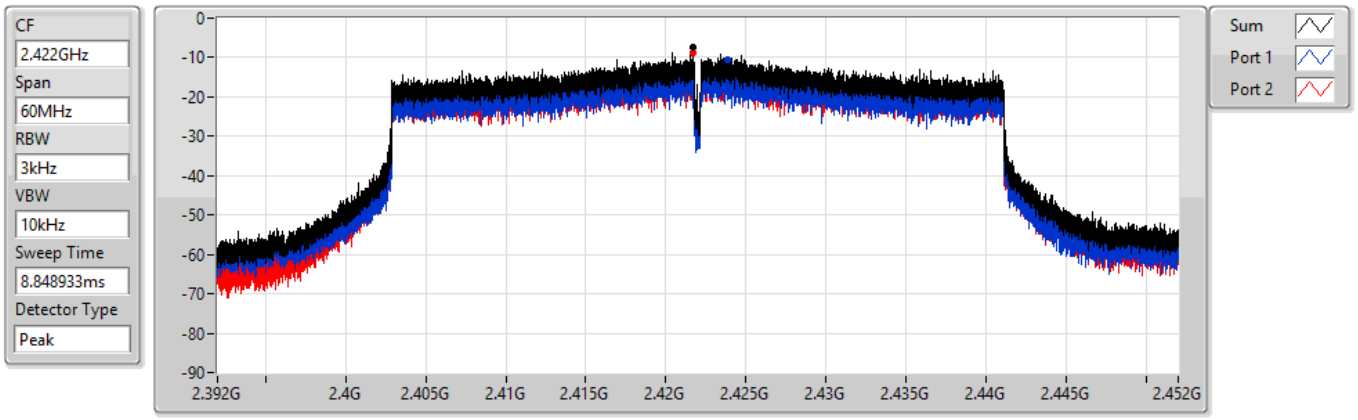
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.66	-5.66	-9.62	-6.60

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.55	-7.55	-10.53	-8.94

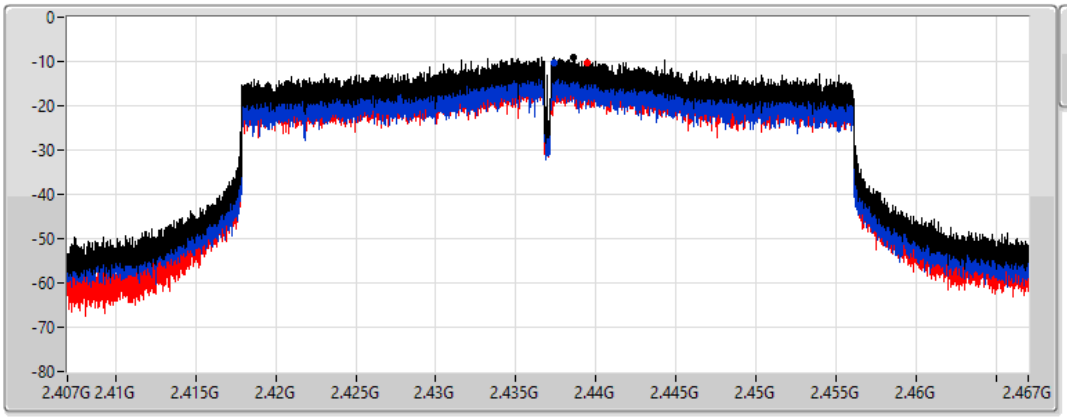
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

28/08/2021

CF	2.437GHz
Span	60MHz
RBW	3kHz
VBW	10kHz
Sweep Time	8.848933ms
Detector Type	Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.97	-8.97	-10.40	-10.31

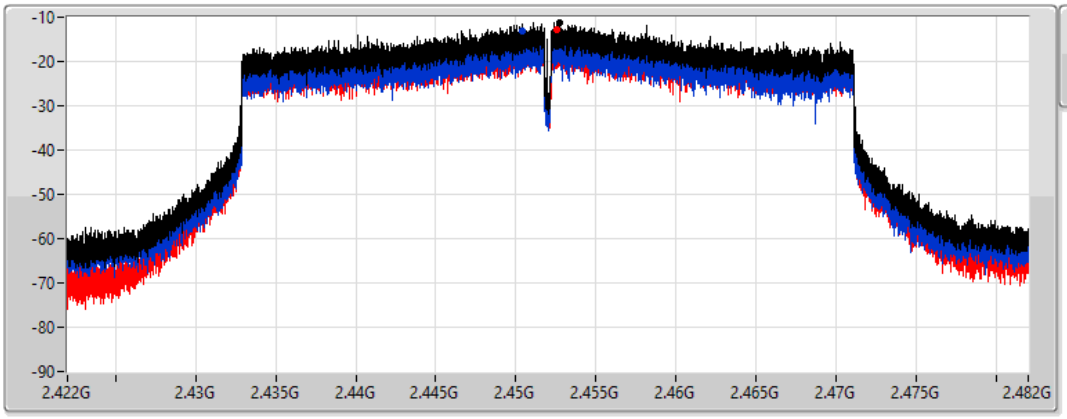
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

28/08/2021

CF	2.452GHz
Span	60MHz
RBW	3kHz
VBW	10kHz
Sweep Time	8.848933ms
Detector Type	Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.22	-11.22	-13.28	-12.72

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	-7.61
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	-8.13

RBW = 3kHz;

Result

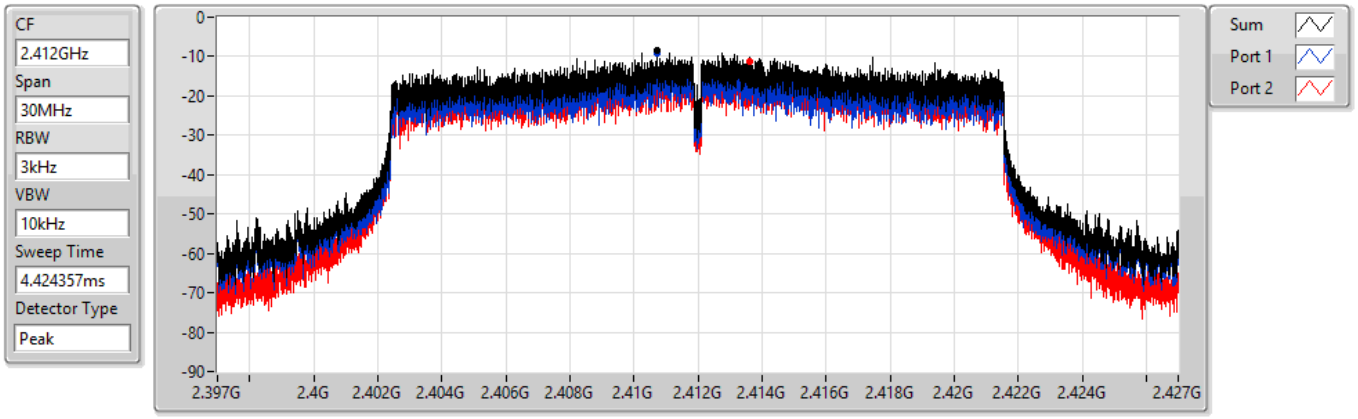
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.31	-9.07	-11.23	-8.47	7.69
2437MHz	Pass	6.31	-8.94	-9.19	-7.61	7.69
2462MHz	Pass	6.31	-8.91	-9.33	-7.61	7.69
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.31	-12.40	-12.58	-11.63	7.69
2437MHz	Pass	6.31	-12.30	-11.78	-9.64	7.69
2452MHz	Pass	6.31	-11.01	-8.30	-8.13	7.69

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS3)_2TX PSD

2412MHz

13/10/2021

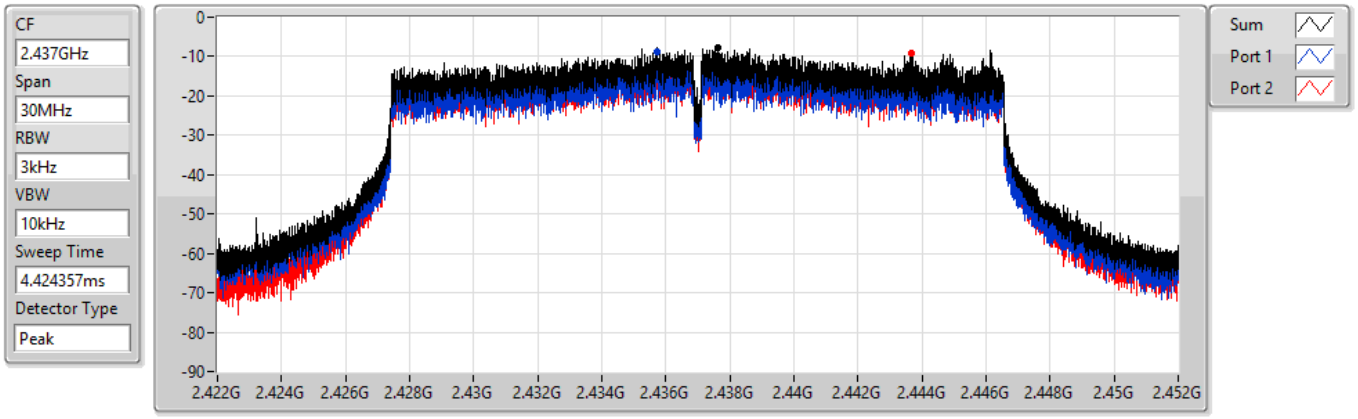


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.47	-8.47	-9.07	-11.23

802.11ax HEW20-BF_Nss1,(MCS3)_2TX PSD

2437MHz

13/10/2021



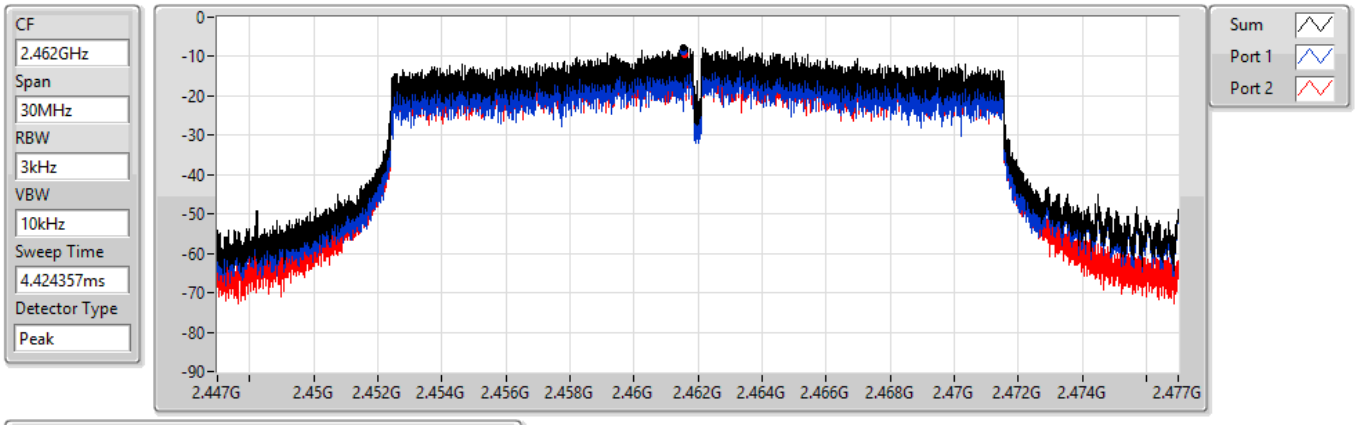
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.61	-7.61	-8.94	-9.19

802.11ax HEW20-BF_Nss1,(MCS3)_2TX

PSD

2462MHz

13/10/2021



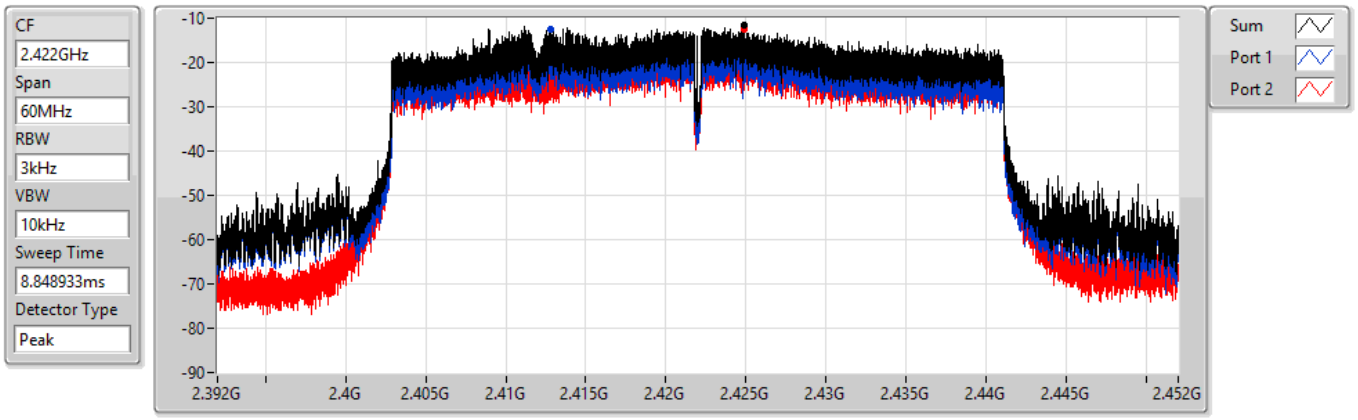
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.61	-7.61	-8.91	-9.33

802.11ax HEW40-BF_Nss1,(MCS3)_2TX

PSD

2422MHz

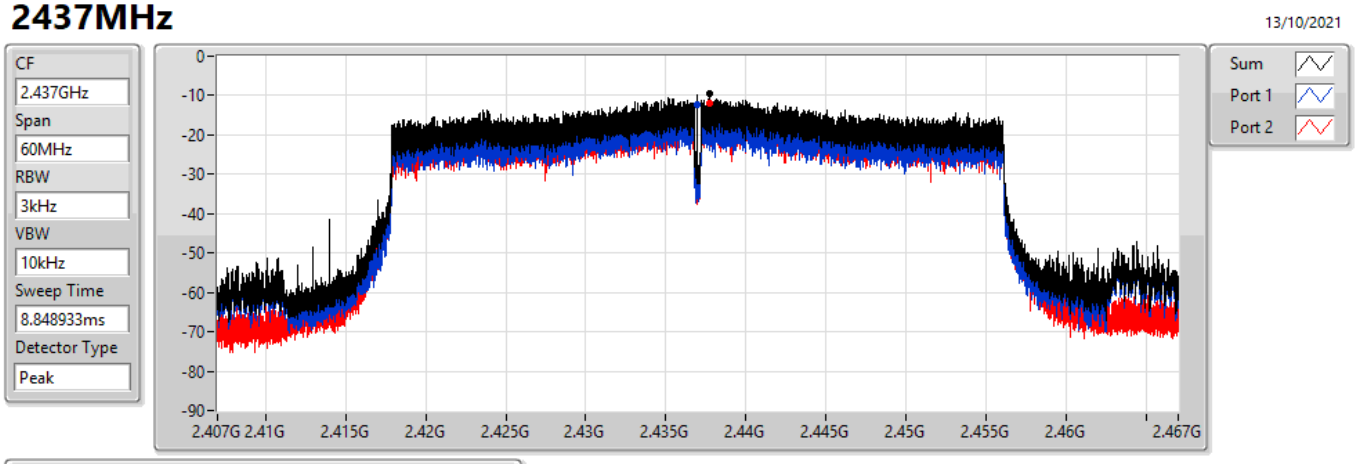
13/10/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.63	-11.63	-12.40	-12.58

802.11ax HEW40-BF_Nss1,(MCS3)_2TX PSD

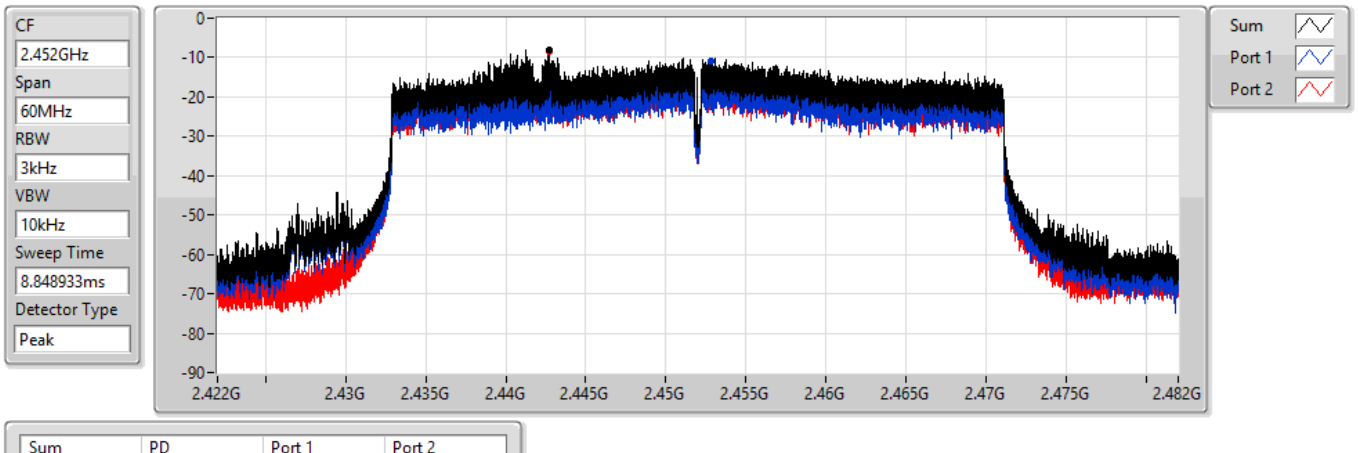
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.64	-9.64	-12.30	-11.78

802.11ax HEW40-BF_Nss1,(MCS3)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.13	-8.13	-11.01	-8.30

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	2.64
802.11g_Nss1,(6Mbps)_1TX	4.62
VHT20_Nss1,(MCS0)_1TX	5.05
VHT40_Nss1,(MCS0)_1TX	-8.96

RBW = 3kHz;

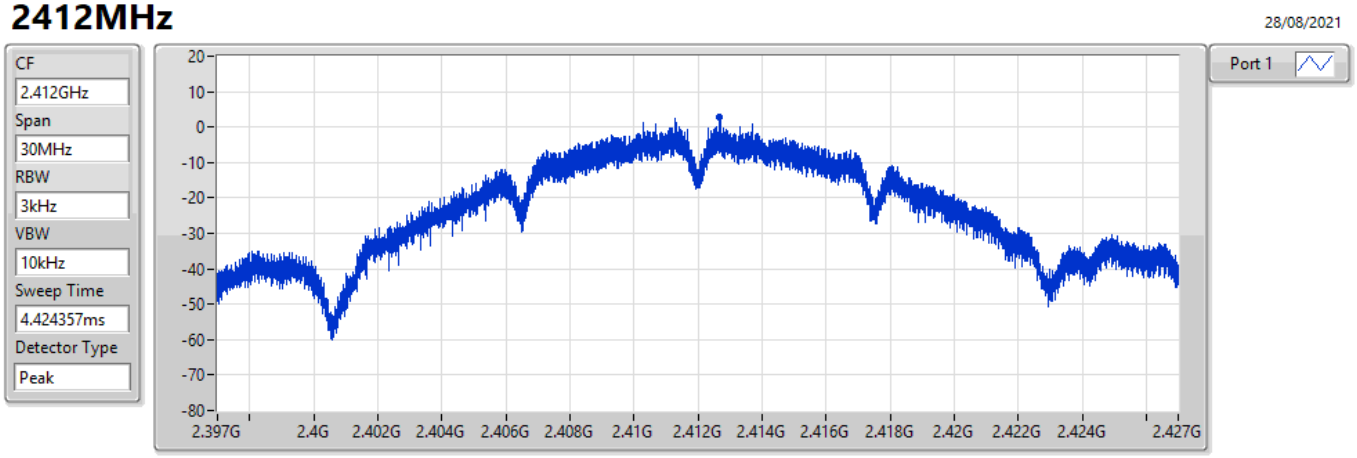
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.90	2.64	2.64	8.00
2437MHz	Pass	2.90	2.07	2.07	8.00
2462MHz	Pass	2.90	1.12	1.12	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.90	-5.38	-5.38	8.00
2437MHz	Pass	2.90	4.62	4.62	8.00
2462MHz	Pass	2.90	-4.66	-4.66	8.00
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.90	-6.91	-6.91	8.00
2437MHz	Pass	2.90	5.05	5.05	8.00
2462MHz	Pass	2.90	-6.21	-6.21	8.00
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.90	-12.91	-12.91	8.00
2437MHz	Pass	2.90	-8.96	-8.96	8.00
2452MHz	Pass	2.90	-10.82	-10.82	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_1TX PSD

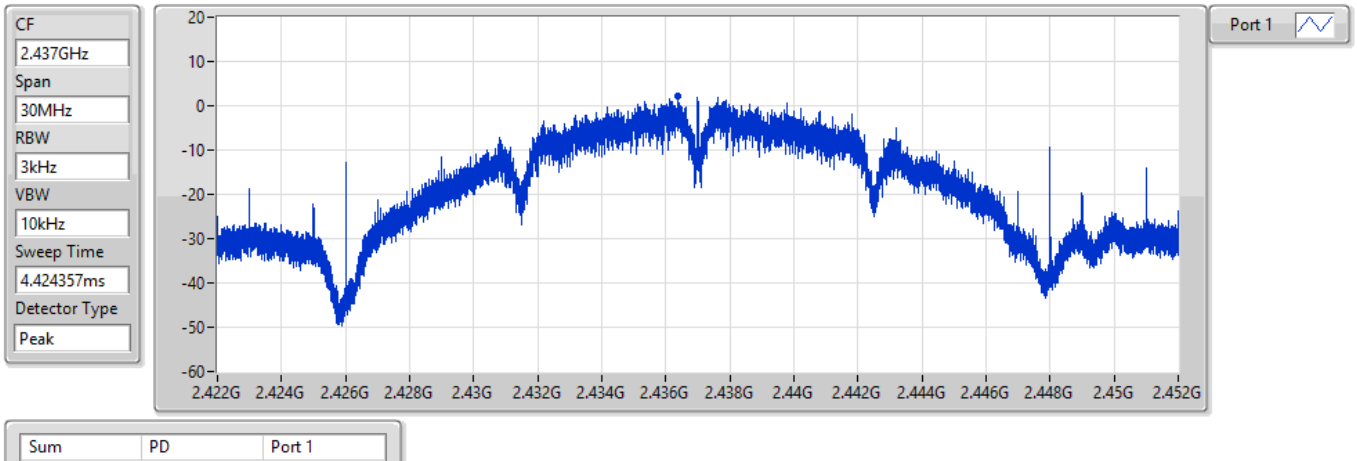
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.64	2.64	2.64

802.11b_Nss1,(1Mbps)_1TX PSD

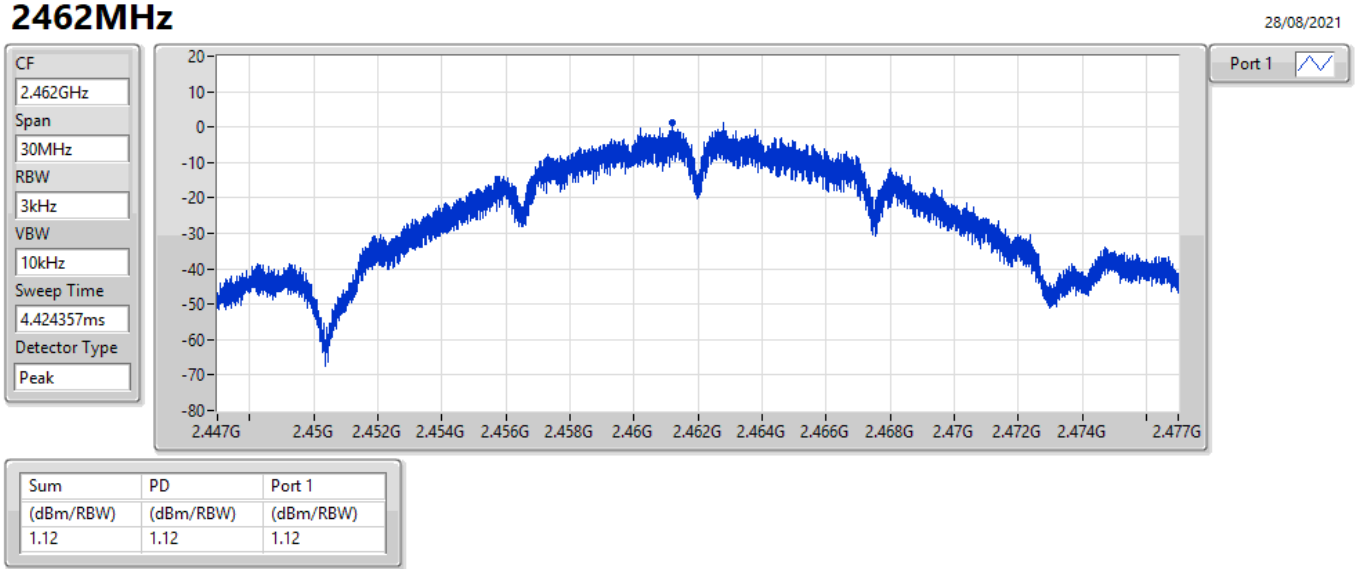
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.07	2.07	2.07

802.11b_Nss1,(1Mbps)_1TX PSD

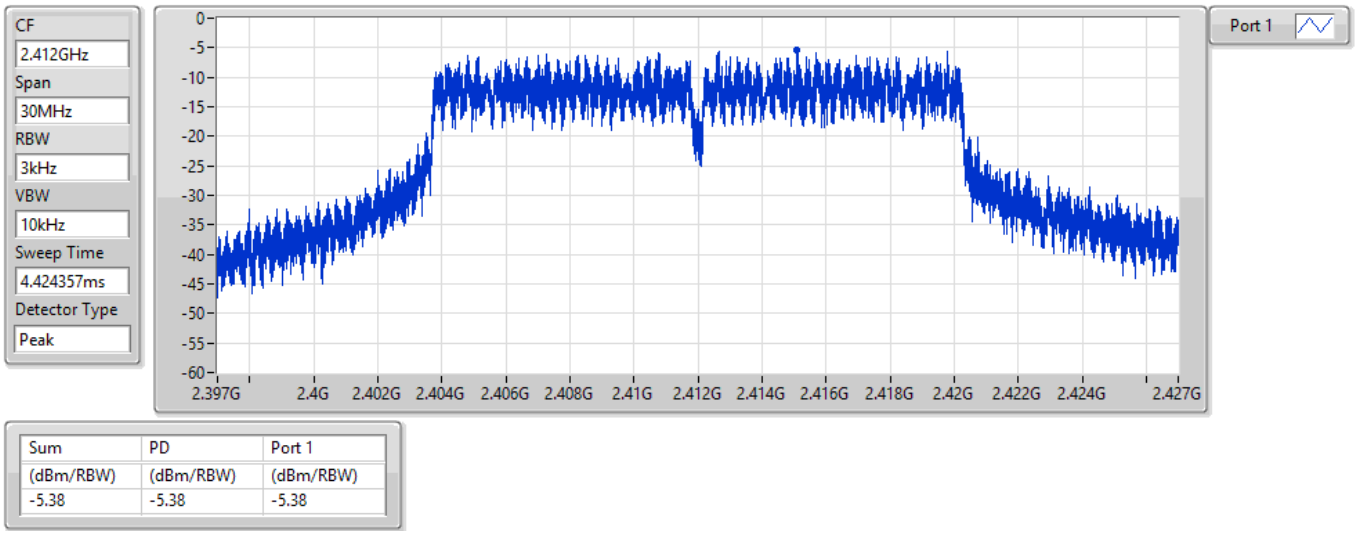
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.12	1.12	1.12

802.11g_Nss1,(6Mbps)_1TX PSD

2412MHz

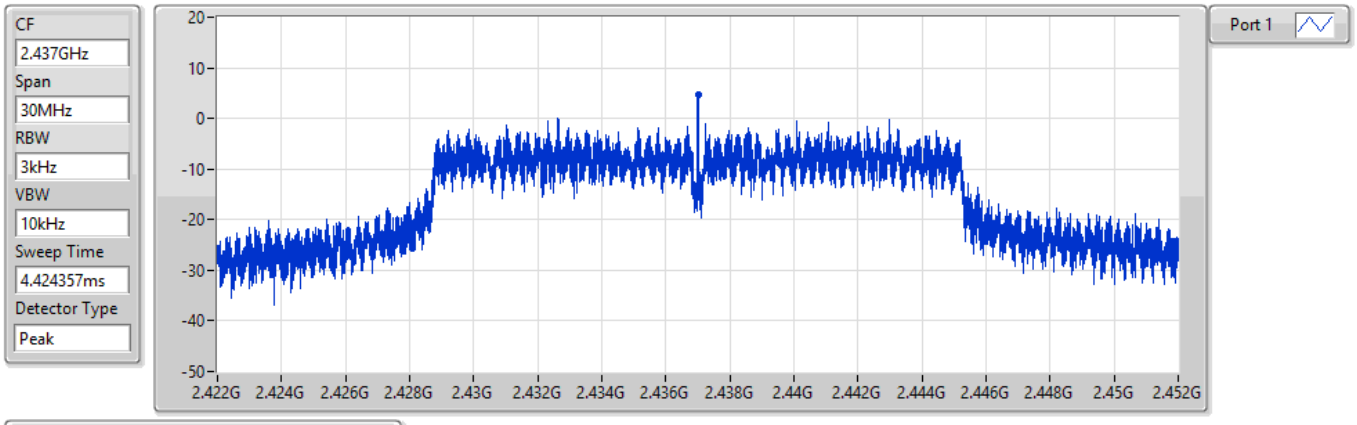


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.38	-5.38	-5.38

802.11g_Nss1,(6Mbps)_1TX PSD

2437MHz

28/08/2021

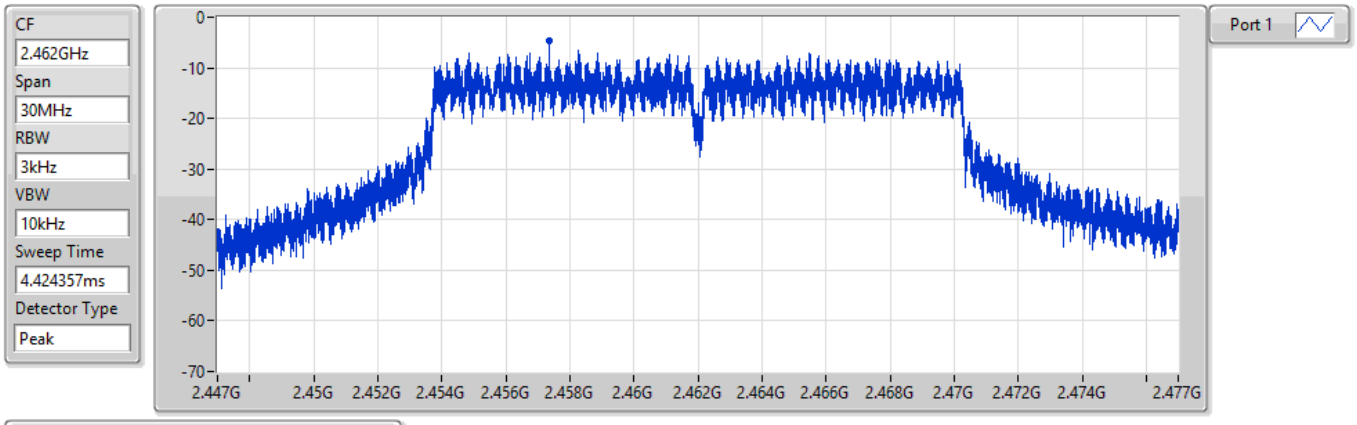


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	4.62

802.11g_Nss1,(6Mbps)_1TX PSD

2462MHz

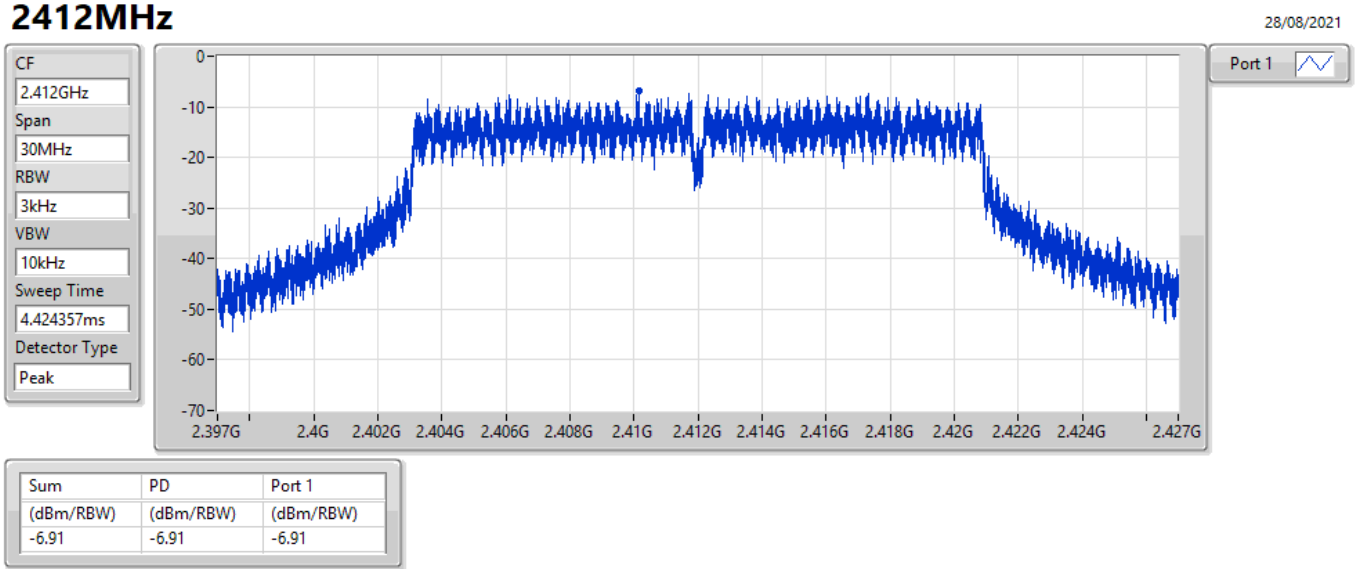
28/08/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.66	-4.66	-4.66

VHT20_Nss1,(MCS0)_1TX PSD

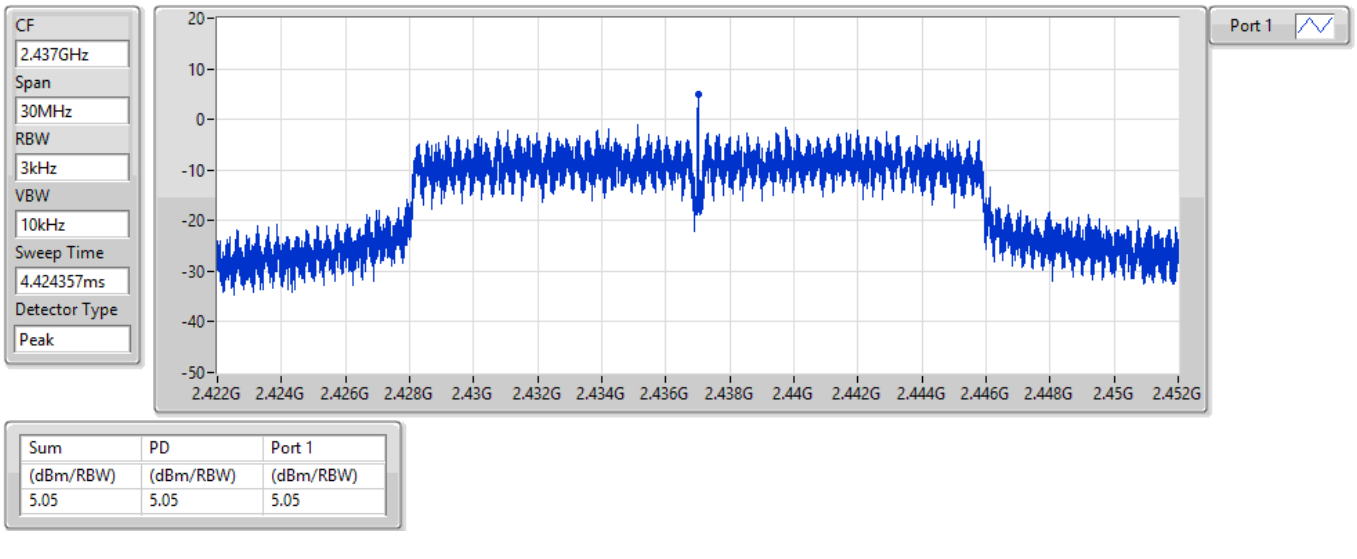
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.91	-6.91	-6.91

VHT20_Nss1,(MCS0)_1TX PSD

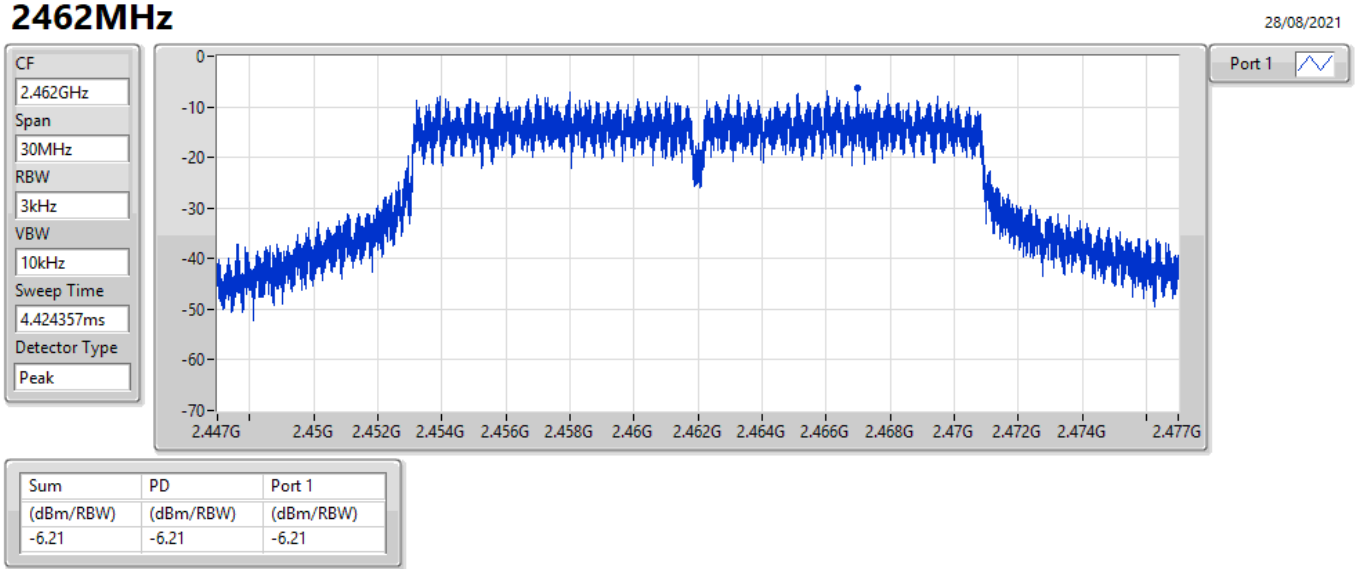
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.05	5.05	5.05

VHT20_Nss1,(MCS0)_1TX PSD

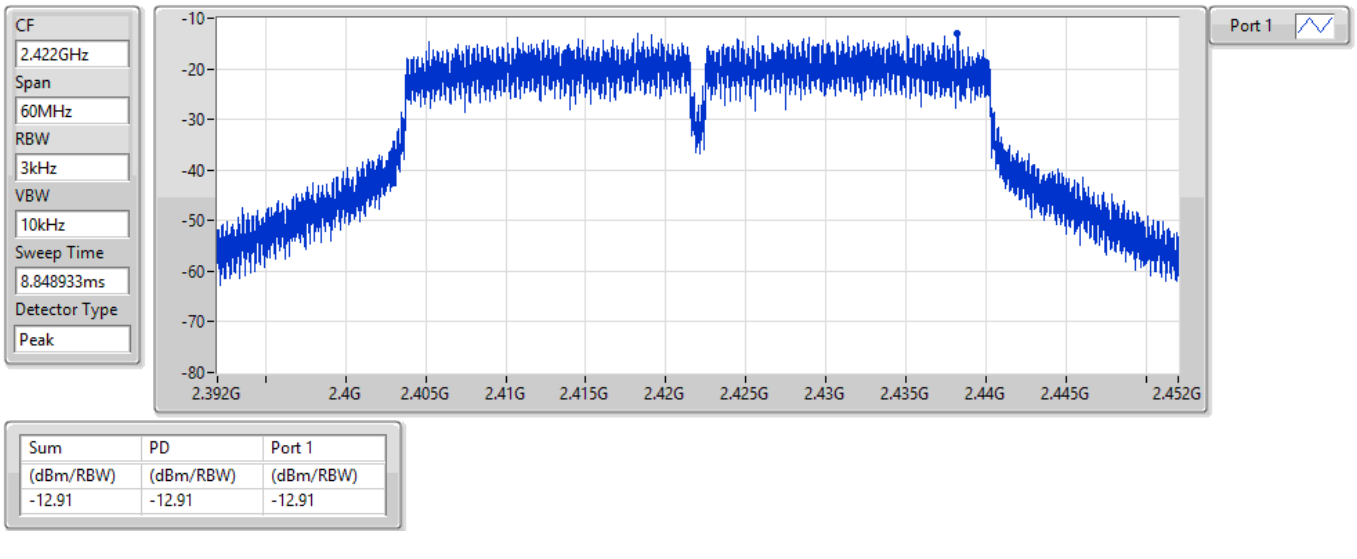
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.21	-6.21	-6.21

VHT40_Nss1,(MCS0)_1TX PSD

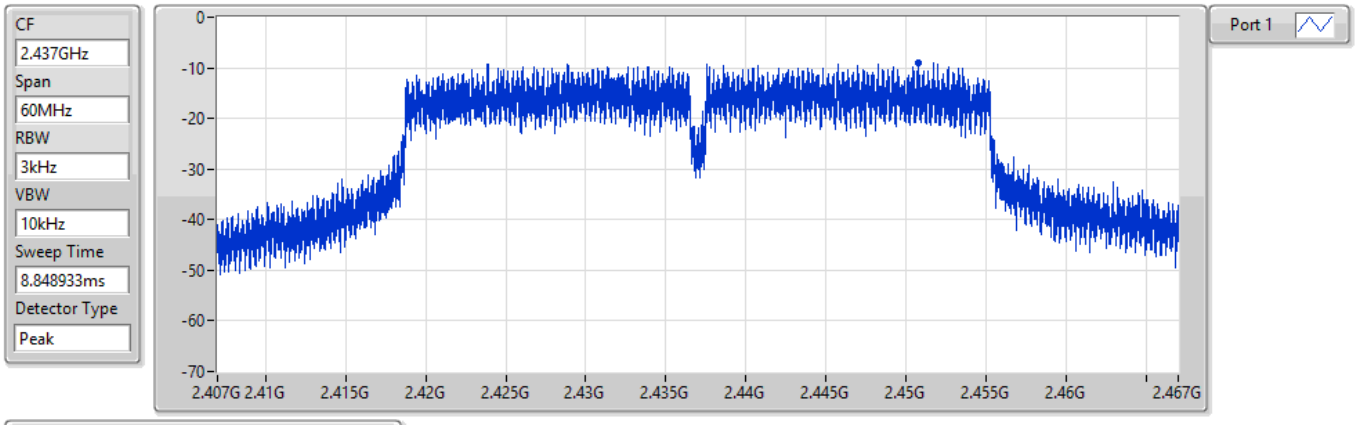
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.91	-12.91	-12.91

VHT40_Nss1,(MCS0)_1TX PSD

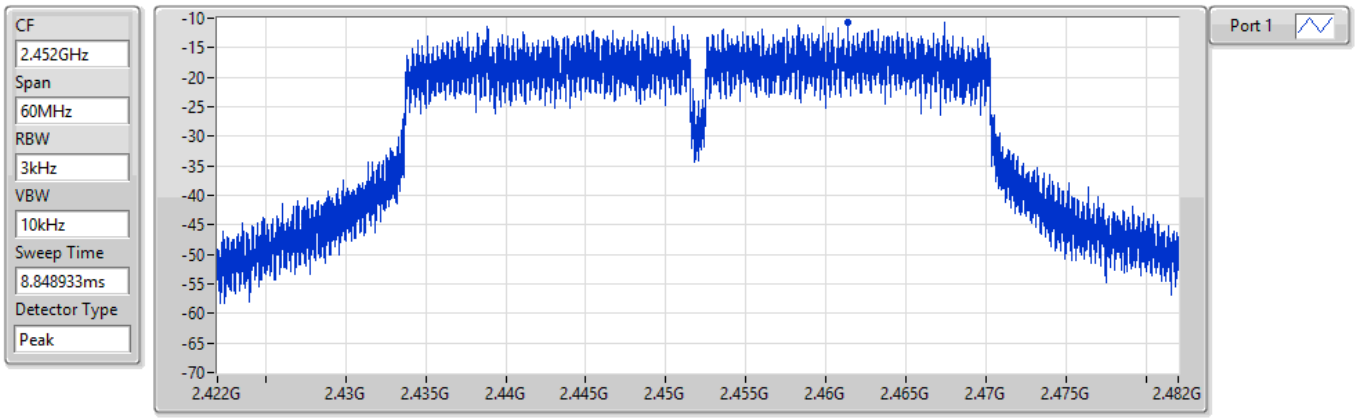
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.96	-8.96	-8.96

VHT40_Nss1,(MCS0)_1TX PSD

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.82	-10.82	-10.82

Summary

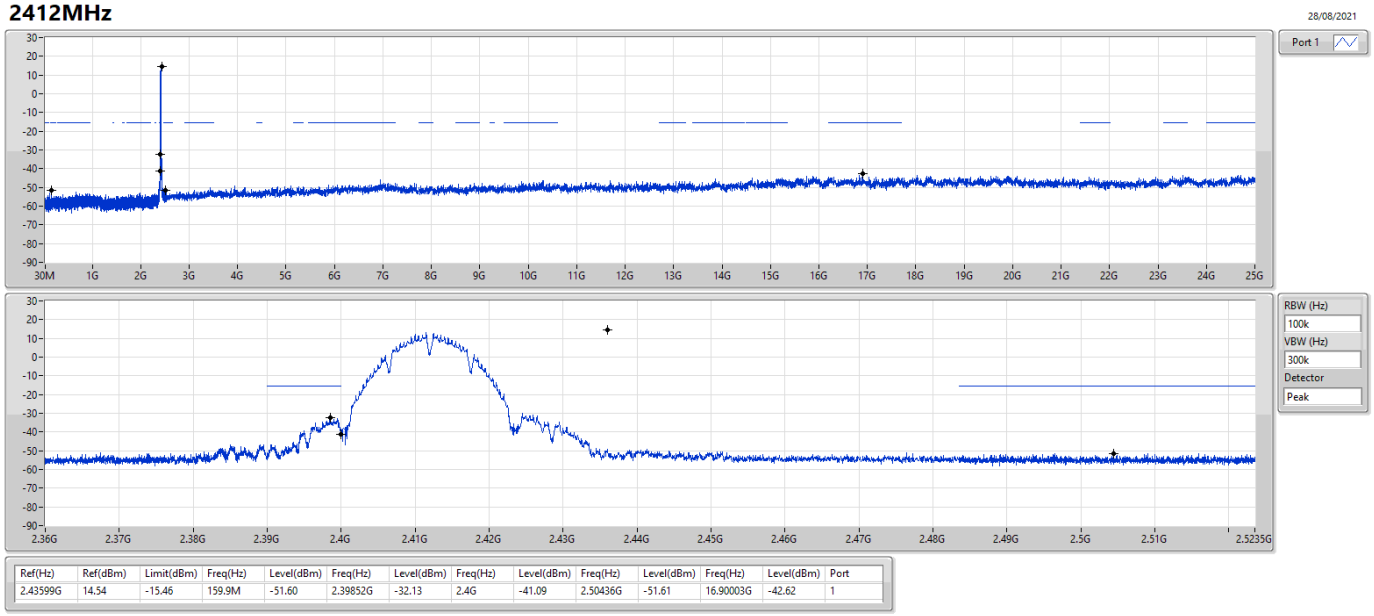
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43599G	14.54	-15.46	159.9M	-51.60	2.39852G	-32.13	2.4G	-41.09	2.50436G	-51.61	16.90003G	-42.62	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43574G	13.32	-16.68	655.31M	-53.61	2.39976G	-24.37	2.4G	-26.11	2.48574G	-51.10	16.24259G	-43.76	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43824G	13.14	-16.86	159.9M	-49.83	2.39998G	-24.52	2.4G	-25.98	2.49722G	-51.26	23.33393G	-43.52	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.43945G	4.80	-25.20	1.98795G	-52.10	2.39952G	-25.52	2.4G	-30.36	2.50762G	-51.10	23.29483G	-43.23	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	14.54	-15.46	159.9M	-51.60	2.39852G	-32.13	2.4G	-41.09	2.50436G	-51.61	16.90003G	-42.62	1
2437MHz	Pass	2.43599G	14.54	-15.46	159.9M	-52.00	2.39702G	-34.30	2.4G	-44.70	2.48696G	-42.58	24.78928G	-43.52	1
2462MHz	Pass	2.43599G	14.54	-15.46	159.9M	-52.82	2.39846G	-51.96	2.4835G	-47.08	2.4835G	-46.52	23.28898G	-42.58	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	13.32	-16.68	655.31M	-53.61	2.39976G	-24.37	2.4G	-26.11	2.48574G	-51.10	16.24259G	-43.76	1
2437MHz	Pass	2.43574G	13.32	-16.68	159.9M	-52.21	2.39954G	-37.55	2.4G	-42.22	2.48446G	-44.26	16.23697G	-43.25	1
2462MHz	Pass	2.43574G	13.32	-16.68	159.9M	-52.02	2.39904G	-52.15	2.4835G	-46.98	2.48382G	-44.02	24.96067G	-43.68	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	13.14	-16.86	159.9M	-49.83	2.39998G	-24.52	2.4G	-25.98	2.49722G	-51.26	23.33393G	-43.52	1
2437MHz	Pass	2.43824G	13.14	-16.86	159.9M	-52.91	2.397G	-36.85	2.4G	-39.76	2.48424G	-43.34	23.28055G	-42.74	1
2462MHz	Pass	2.43824G	13.14	-16.86	159.9M	-50.86	2.39032G	-52.08	2.4835G	-44.26	2.48408G	-42.70	16.2454G	-43.93	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43945G	4.80	-25.20	1.98795G	-52.10	2.39952G	-25.52	2.4G	-30.36	2.50762G	-51.10	23.29483G	-43.23	1
2437MHz	Pass	2.43945G	4.80	-25.20	2.30139G	-52.70	2.39968G	-35.86	2.4G	-38.38	2.4837G	-41.48	24.96635G	-42.53	1
2452MHz	Pass	2.43945G	4.80	-25.20	896.77M	-51.84	2.39988G	-50.01	2.4835G	-40.57	2.48826G	-37.04	16.58912G	-43.12	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

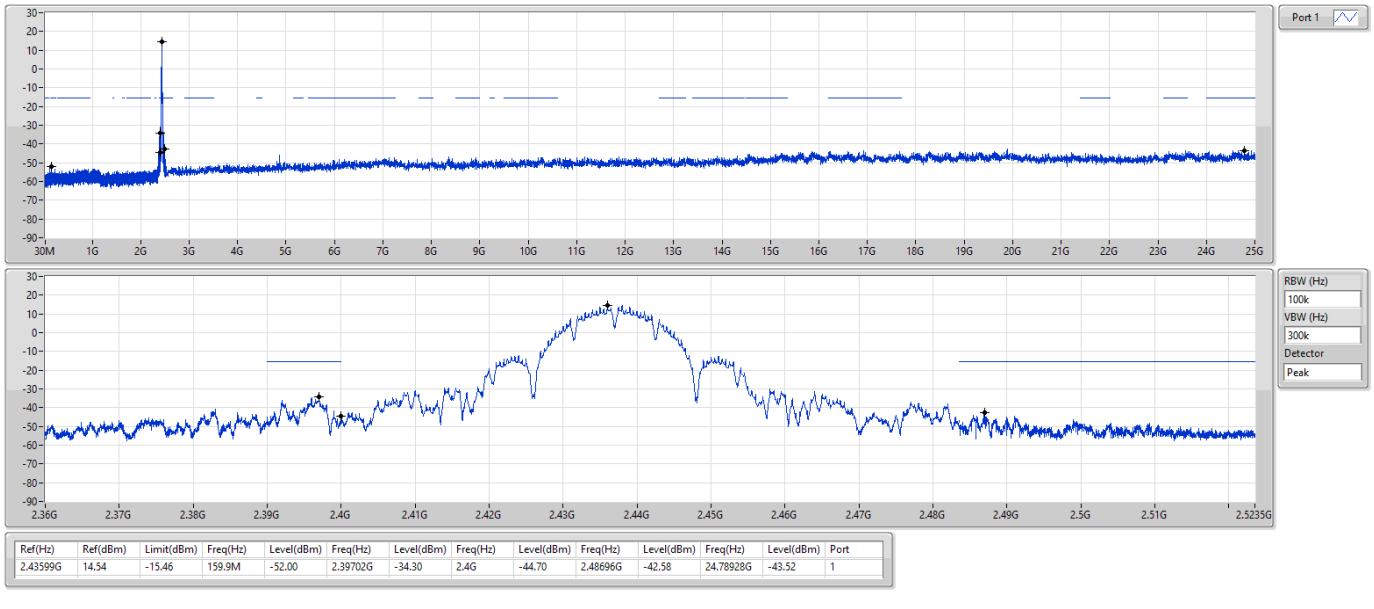
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	14.54	-15.46	159.9M	-51.60	2.39852G	-32.13	2.4G	-41.09	2.50436G	-51.61	16.90003G	-42.62	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

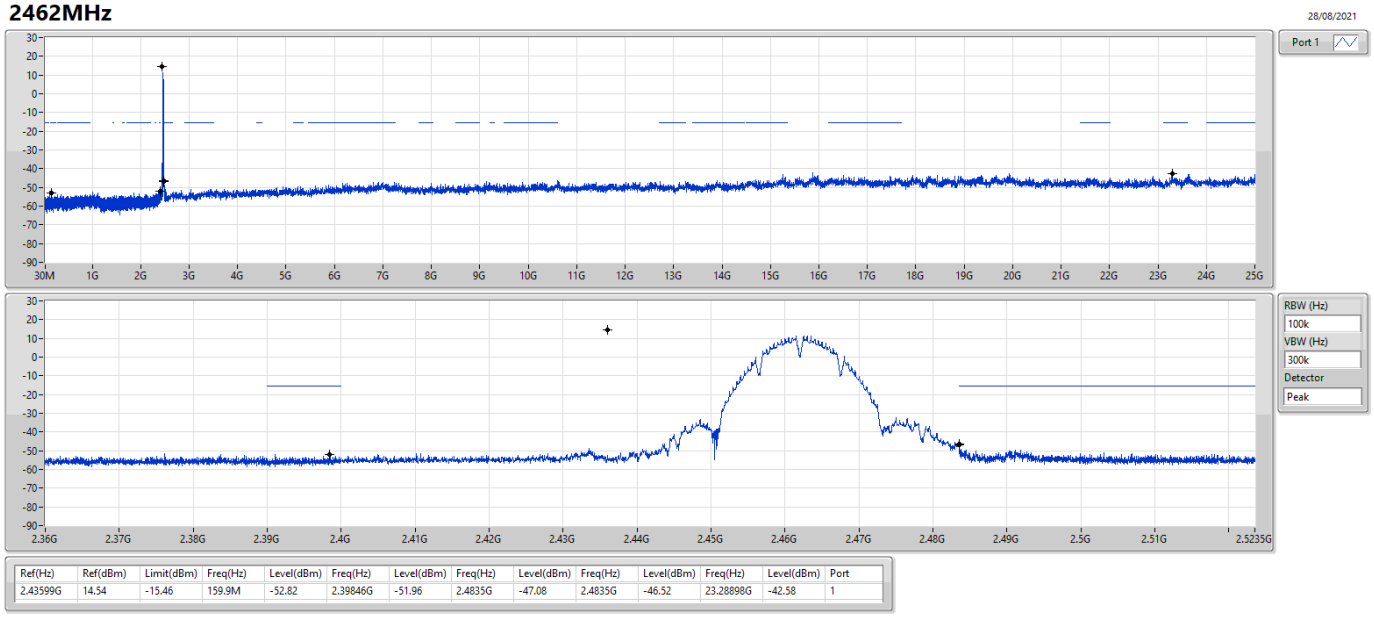
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	14.54	-15.46	159.9M	-52.00	2.39702G	-34.30	2.4G	-44.70	2.48696G	-42.58	24.78928G	-43.52	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

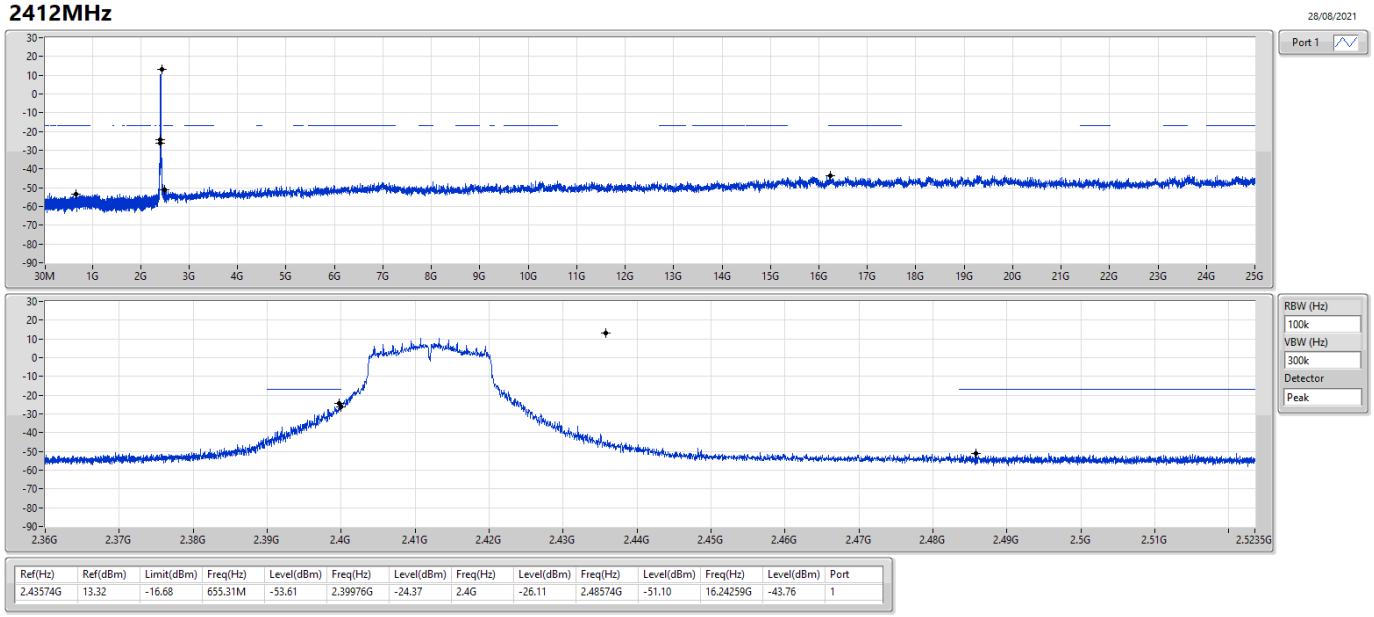
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	14.54	-15.46	159.9M	-52.82	2.39846G	-51.96	2.4835G	-47.08	2.4835G	-46.52	23.28898G	-42.58	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

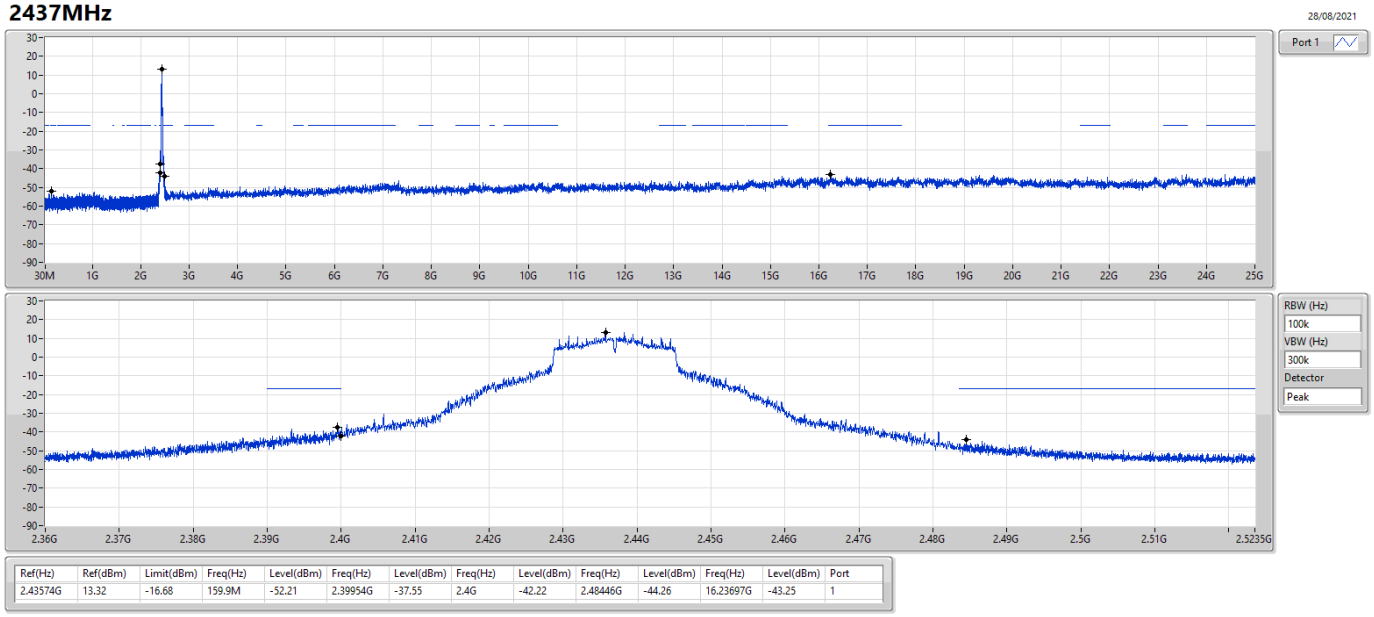
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.32	-16.68	655.31M	-53.61	2.39976G	-24.37	2.4G	-26.11	2.48574G	-51.10	16.24259G	-43.76	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

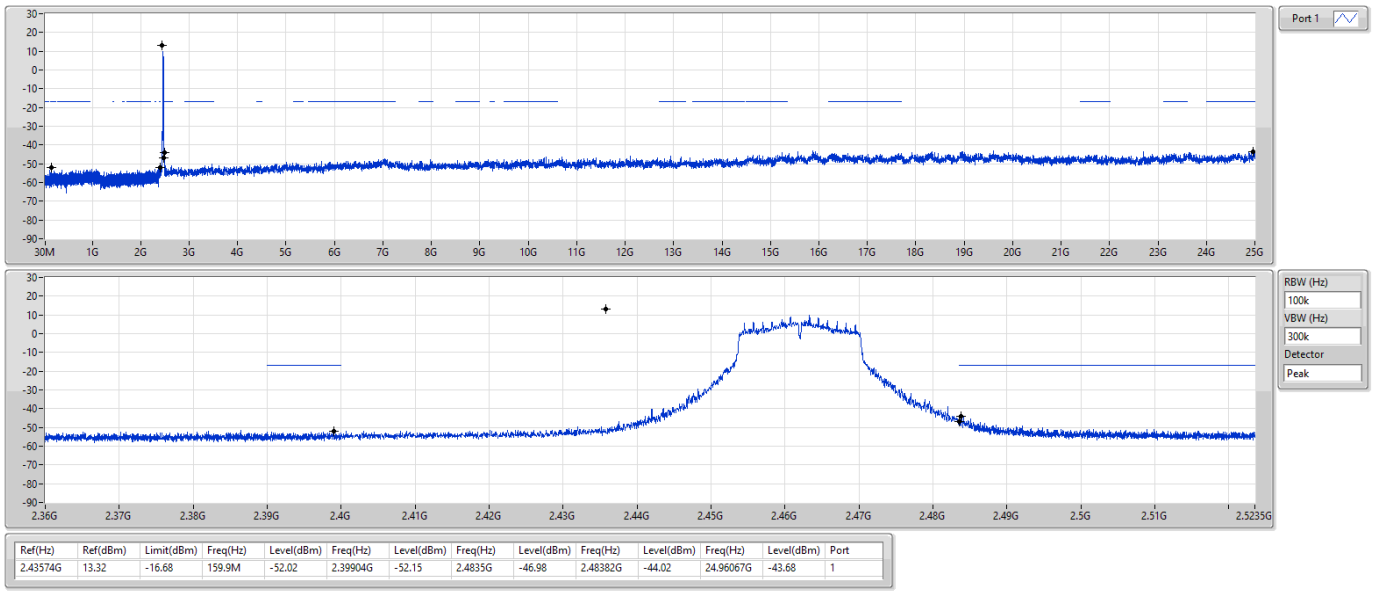
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.32	-16.68	159.9M	-52.21	2.39954G	-37.55	2.4G	-42.22	2.48446G	-44.26	16.23697G	-43.25	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

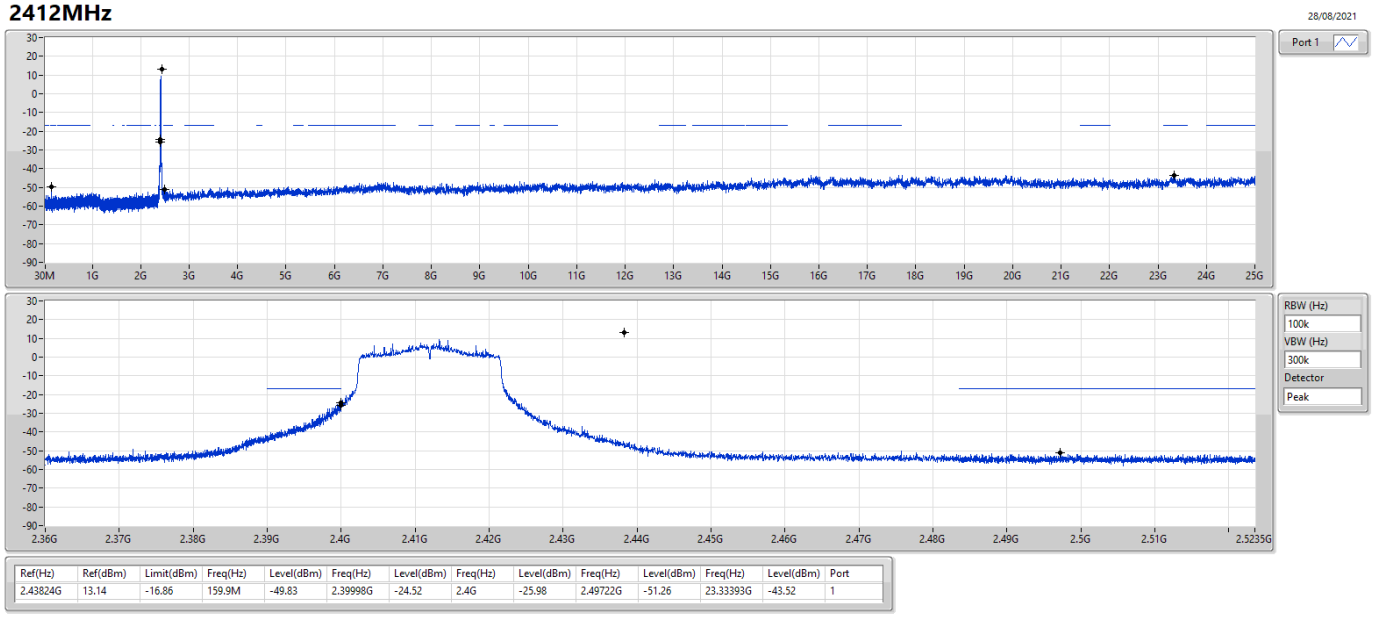
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.32	-16.68	159.9M	-52.02	2.39904G	-52.15	2.4835G	-46.98	2.48382G	-44.02	24.96067G	-43.68	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

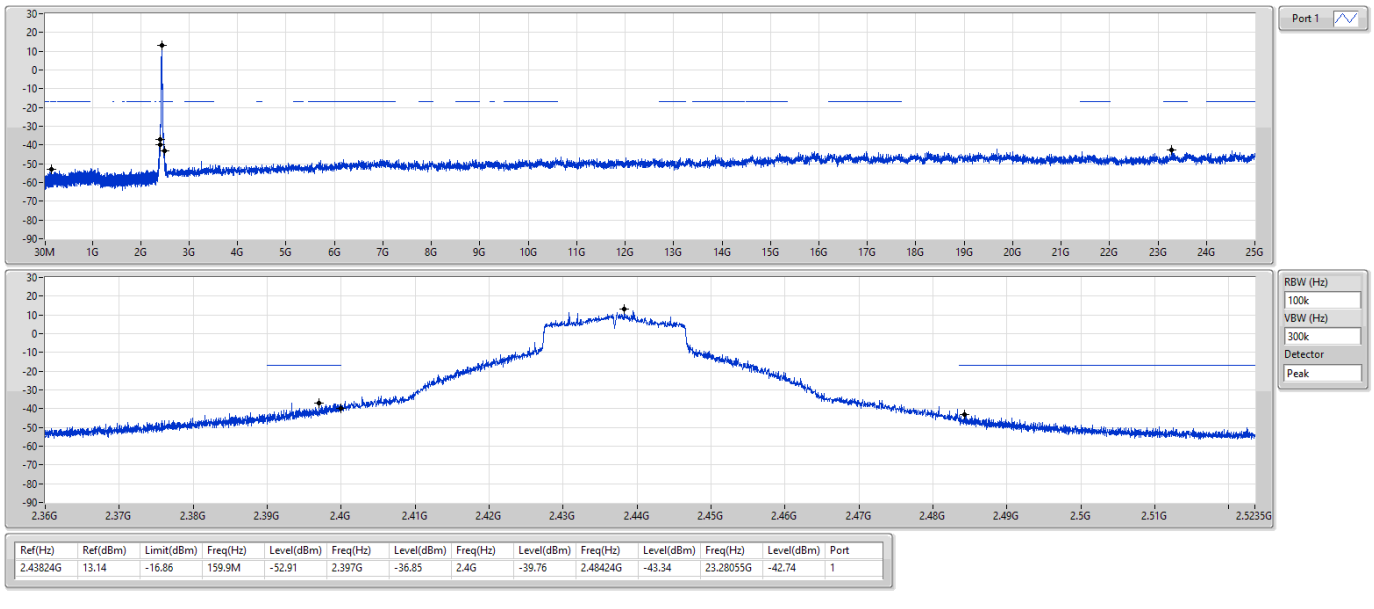
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.14	-16.86	159.9M	-49.83	2.39998G	-24.52	2.4G	-25.98	2.49722G	-51.26	23.33393G	-43.52	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

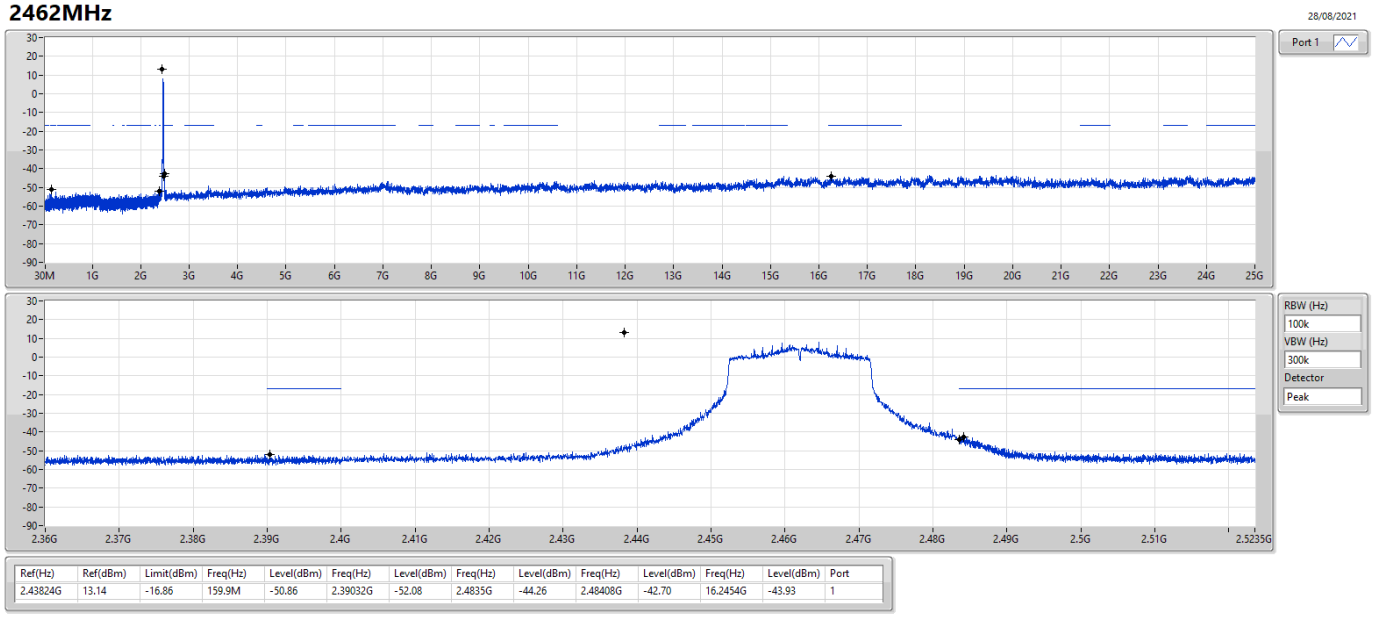
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.14	-16.86	159.9M	-52.91	2.397G	-36.85	2.4G	-39.76	2.48424G	-43.34	23.28055G	-42.74	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

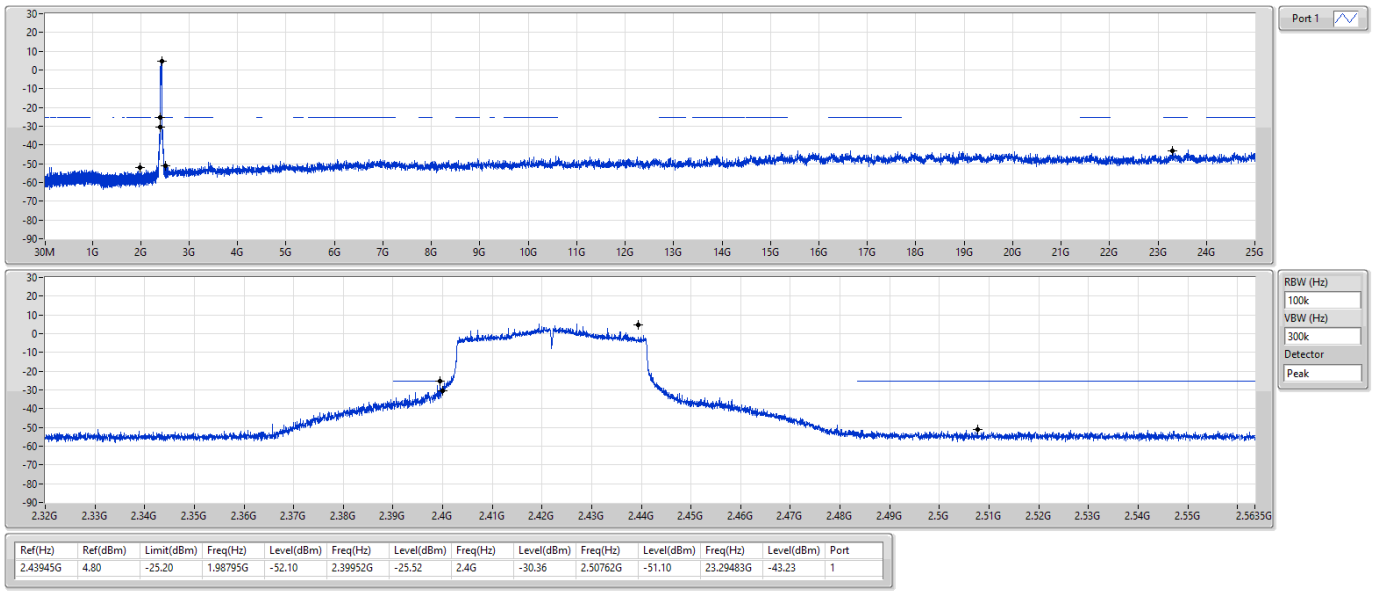
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.14	-16.86	159.9M	-50.86	2.39032G	-52.08	2.4835G	-44.26	2.48408G	-42.70	16.2454G	-43.93	1

802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

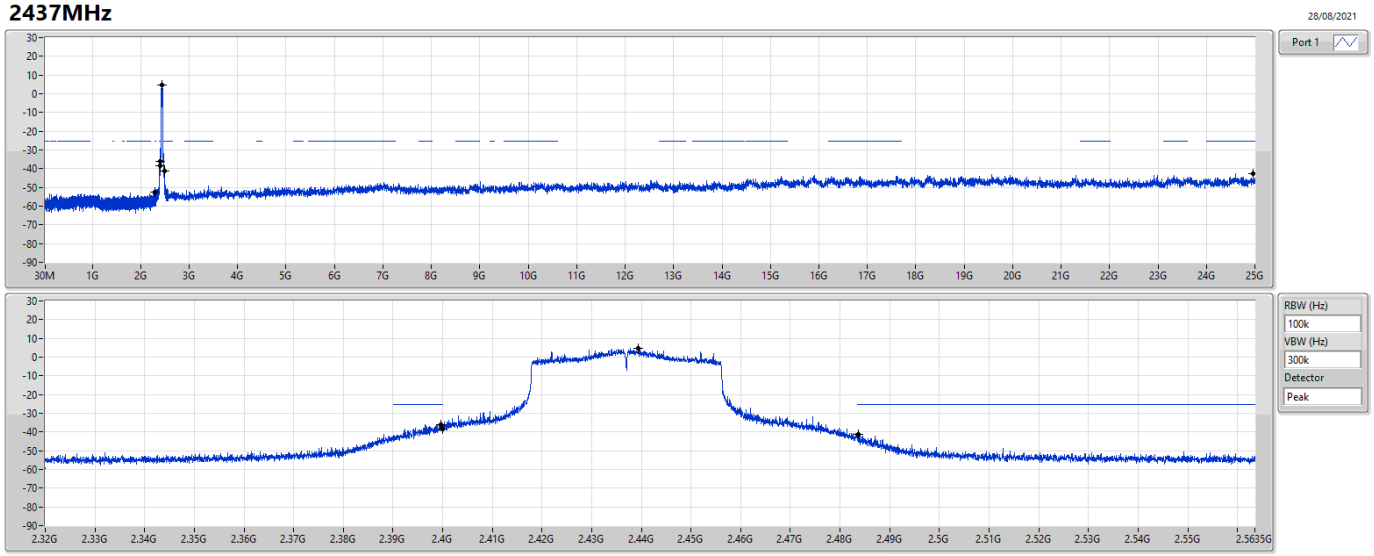
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	4.80	-25.20	1.98795G	-52.10	2.39952G	-25.52	2.4G	-30.36	2.50762G	-51.10	23.29483G	-43.23	1

802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

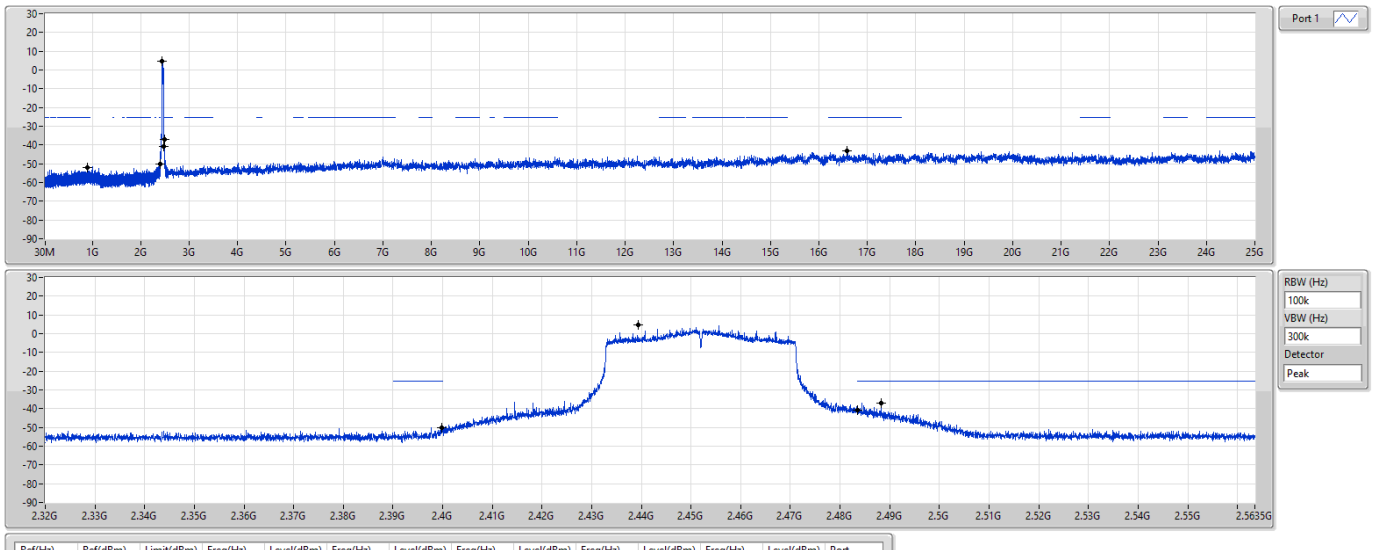
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	4.80	-25.20	2.30139G	-52.70	2.39968G	-35.86	2.4G	-38.38	2.4837G	-41.48	24.96635G	-42.53	1

802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	4.80	-25.20	896.77M	-51.84	2.39988G	-50.01	2.4835G	-40.57	2.48826G	-37.04	16.58912G	-43.12	1

Summary

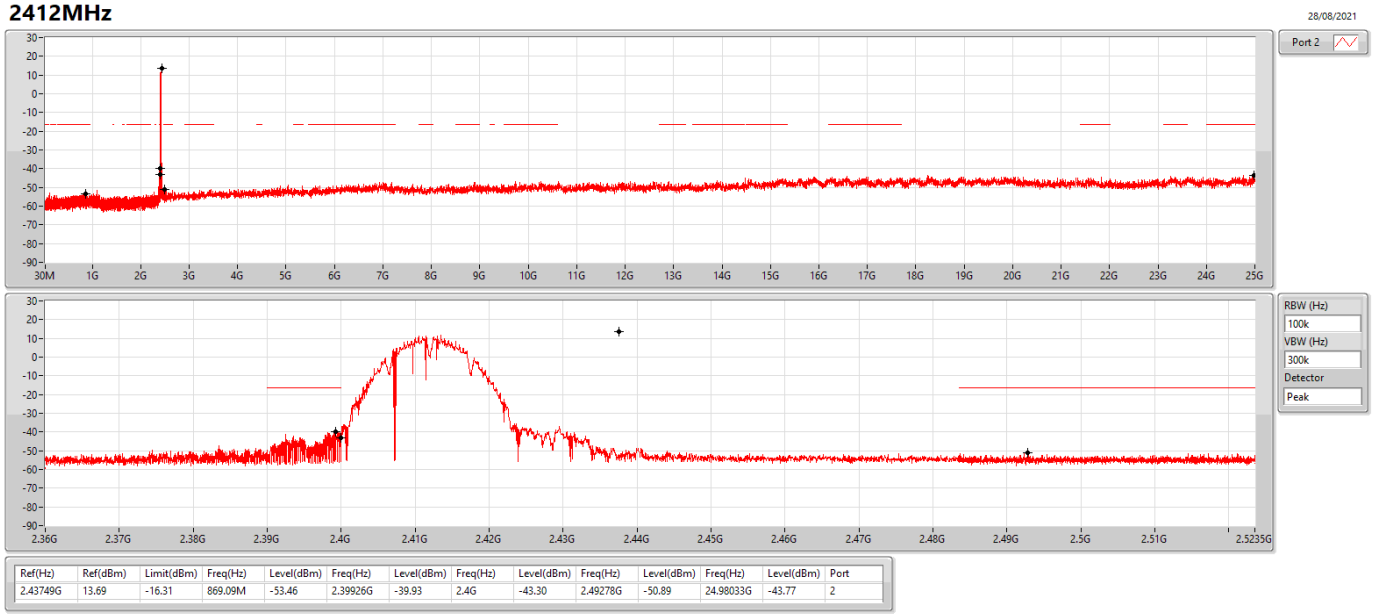
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43749G	13.69	-16.31	877.25M	-53.05	2.39798G	-34.81	2.4G	-40.20	2.48794G	-41.87	17.60523G	-43.14	2
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	13.03	-16.97	575.8M	-51.63	2.39986G	-29.08	2.4G	-30.01	2.48396G	-49.80	15.21429G	-42.90	2
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.4357G	12.91	-17.09	2.30088G	-52.84	2.39994G	-28.72	2.4G	-27.84	2.51844G	-50.94	16.30159G	-42.71	2
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.43198G	5.49	-24.51	159.96M	-52.51	2.39984G	-33.93	2.4G	-34.67	2.4977G	-51.37	23.36494G	-43.18	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	13.69	-16.31	869.09M	-53.46	2.39926G	-39.93	2.4G	-43.30	2.49278G	-50.89	24.98033G	-43.77	2
2437MHz	Pass	2.43749G	13.69	-16.31	877.25M	-53.05	2.39798G	-34.81	2.4G	-40.20	2.48794G	-41.87	17.60523G	-43.14	2
2462MHz	Pass	2.43749G	13.69	-16.31	1.82614G	-53.02	2.3924G	-51.70	2.4835G	-45.45	2.48352G	-44.97	23.30864G	-42.79	2
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	13.03	-16.97	575.8M	-51.63	2.39986G	-29.08	2.4G	-30.01	2.48396G	-49.80	15.21429G	-42.90	2
2437MHz	Pass	2.43824G	13.03	-16.97	640.46M	-52.91	2.39954G	-34.74	2.4G	-39.86	2.49324G	-41.20	15.24801G	-42.88	2
2462MHz	Pass	2.43824G	13.03	-16.97	159.9M	-51.34	2.39326G	-52.28	2.4835G	-44.98	2.48352G	-44.54	16.77922G	-43.57	2
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4357G	12.91	-17.09	2.30088G	-52.84	2.39994G	-28.72	2.4G	-27.84	2.51844G	-50.94	16.30159G	-42.71	2
2437MHz	Pass	2.4357G	12.91	-17.09	159.9M	-51.50	2.39978G	-35.75	2.4G	-37.45	2.48392G	-40.66	24.61509G	-43.52	2
2462MHz	Pass	2.4357G	12.91	-17.09	1.63071G	-53.55	2.39482G	-52.42	2.4835G	-38.45	2.48404G	-39.84	24.57857G	-43.24	2
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	5.49	-24.51	159.96M	-52.51	2.39984G	-33.93	2.4G	-34.67	2.4977G	-51.37	23.36494G	-43.18	2
2437MHz	Pass	2.43198G	5.49	-24.51	159.96M	-52.34	2.39832G	-41.24	2.4G	-43.41	2.48362G	-44.75	24.91867G	-43.30	2
2452MHz	Pass	2.43198G	5.49	-24.51	159.96M	-52.71	2.39572G	-45.14	2.4835G	-35.73	2.48486G	-34.00	24.64382G	-42.92	2

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

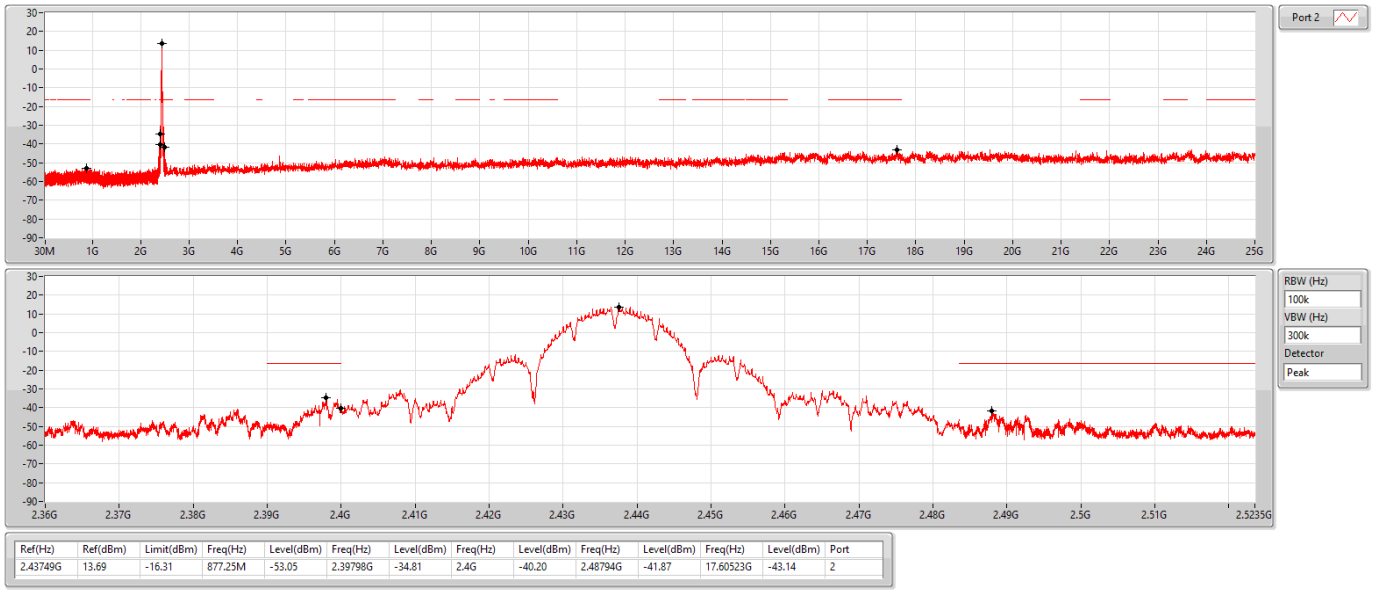
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	13.69	-16.31	869.09M	-53.46	2.39926G	-39.93	2.4G	-43.30	2.49278G	-50.89	24.98033G	-43.77	2

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

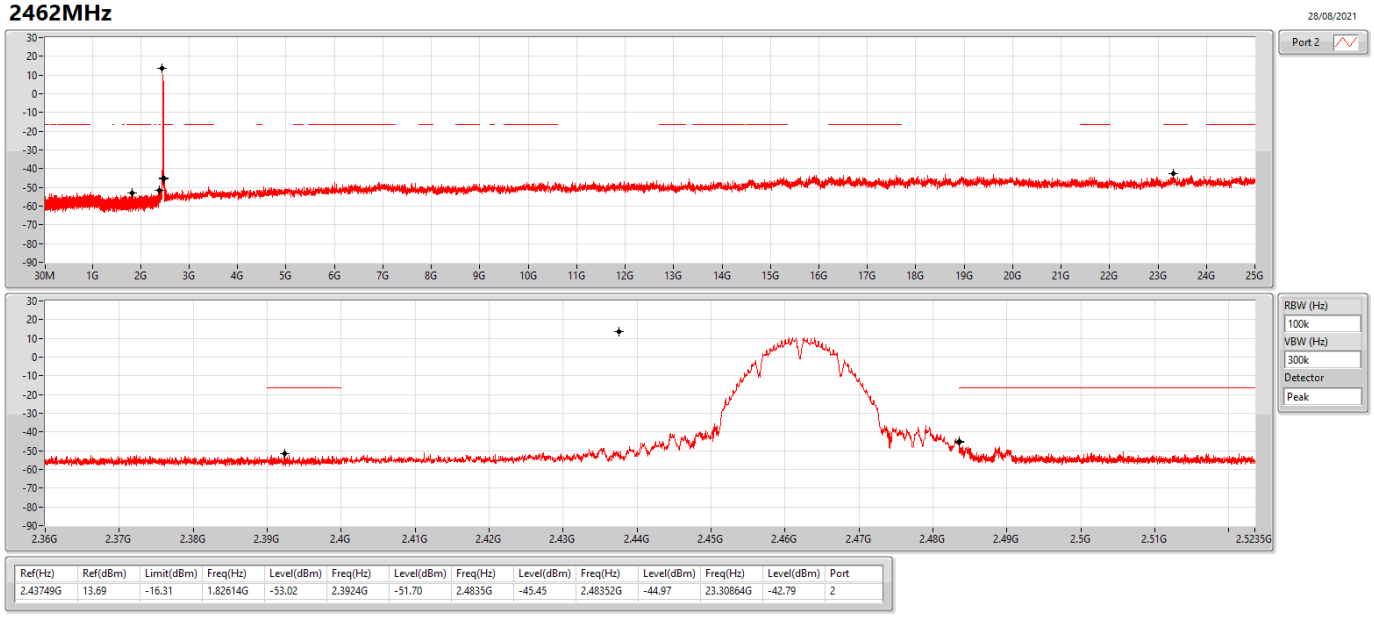
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	13.69	-16.31	877.25M	-53.05	2.39798G	-34.81	2.4G	-40.20	2.48794G	-41.87	17.60523G	-43.14	2

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

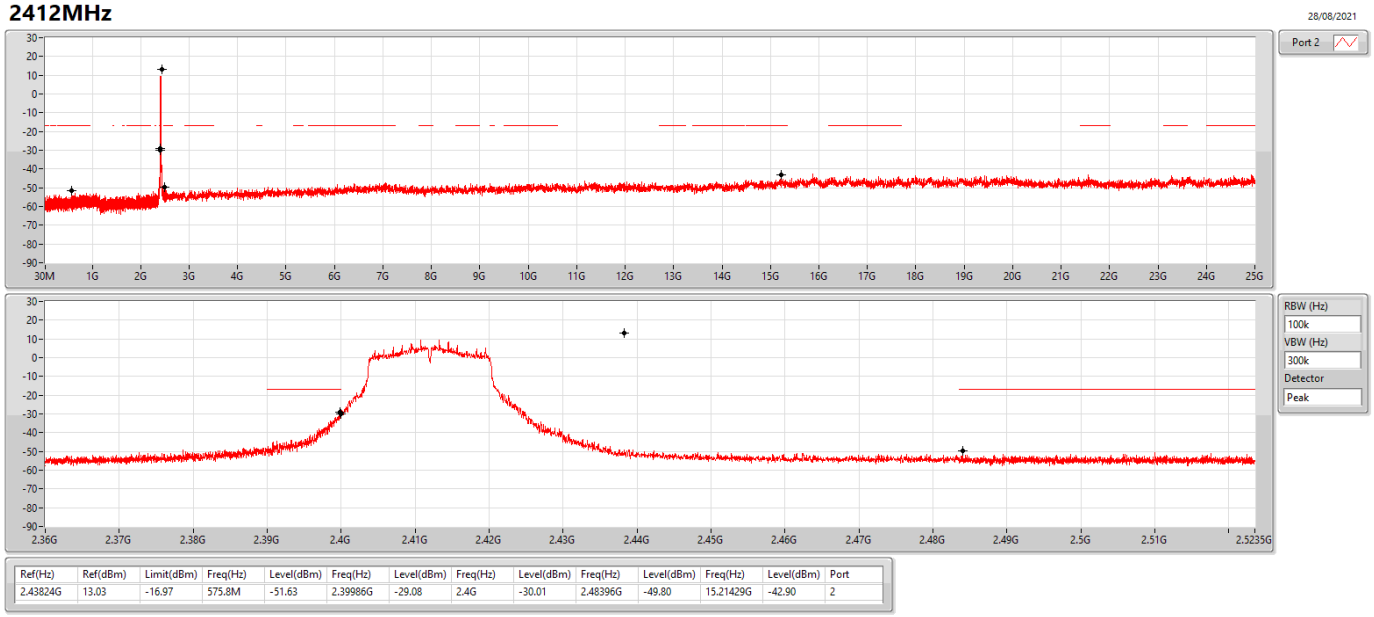
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	13.69	-16.31	1.82614G	-53.02	2.3924G	-51.70	2.4835G	-45.45	2.48352G	-44.97	23.30864G	-42.79	2

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

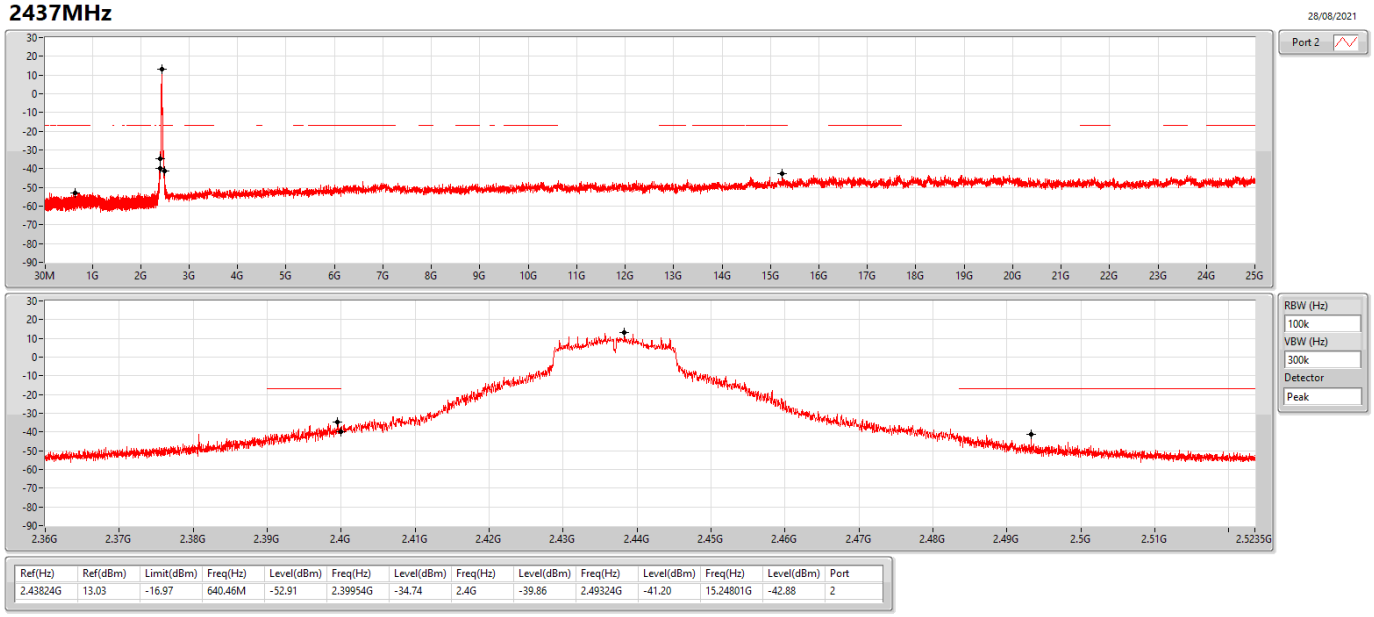
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.03	-16.97	575.8M	-51.63	2.39986G	-29.08	2.4G	-30.01	2.48396G	-49.80	15.21429G	-42.90	2

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

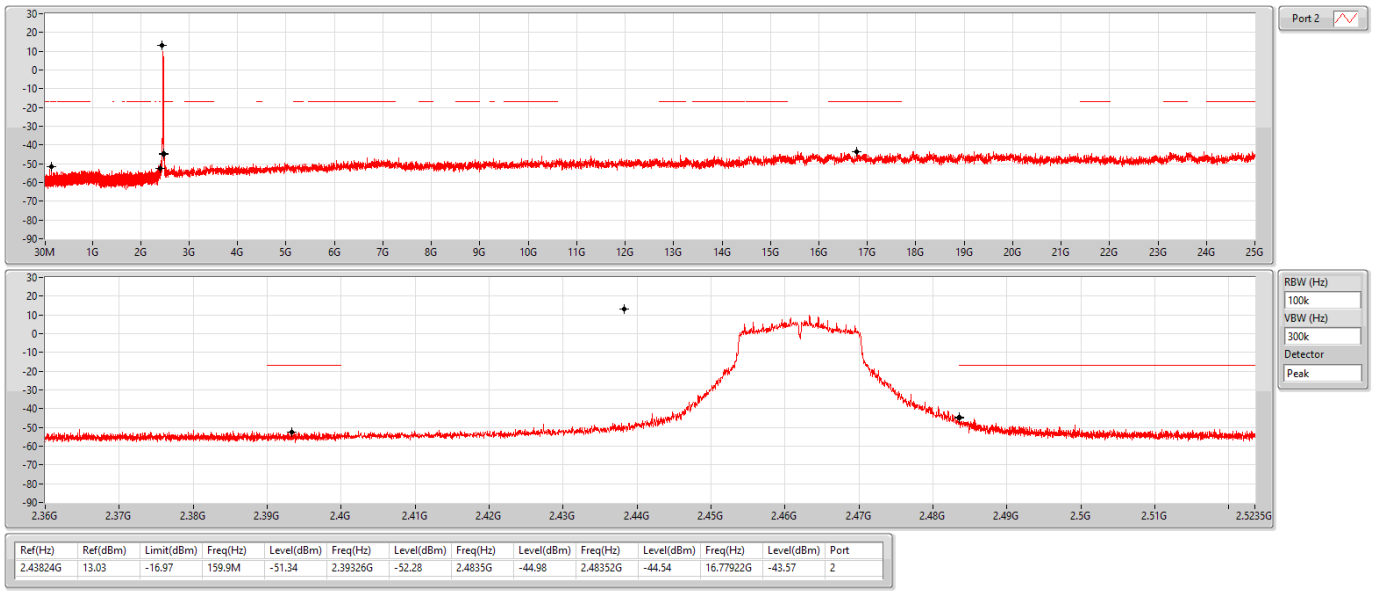
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.03	-16.97	640.46M	-52.91	2.39954G	-34.74	2.4G	-39.86	2.49324G	-41.20	15.24801G	-42.88	2

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

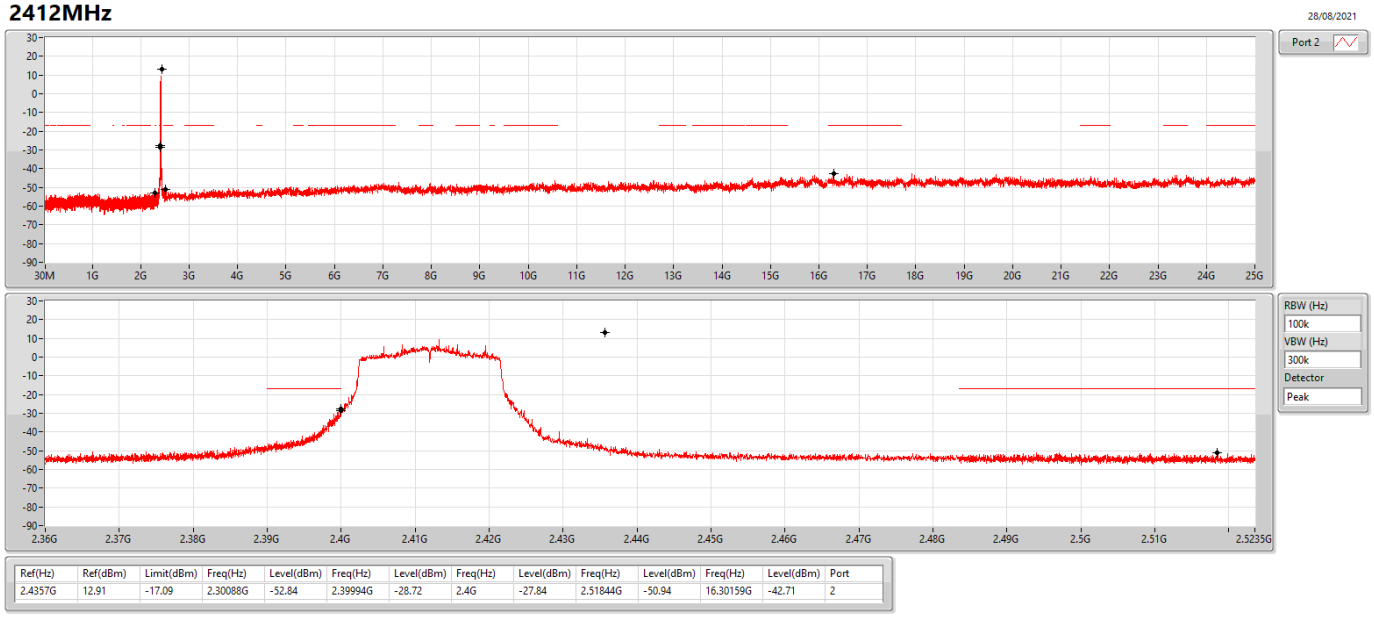
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.03	-16.97	159.9M	-51.34	2.39326G	-52.28	2.4835G	-44.98	2.48352G	-44.54	16.77922G	-43.57	2

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

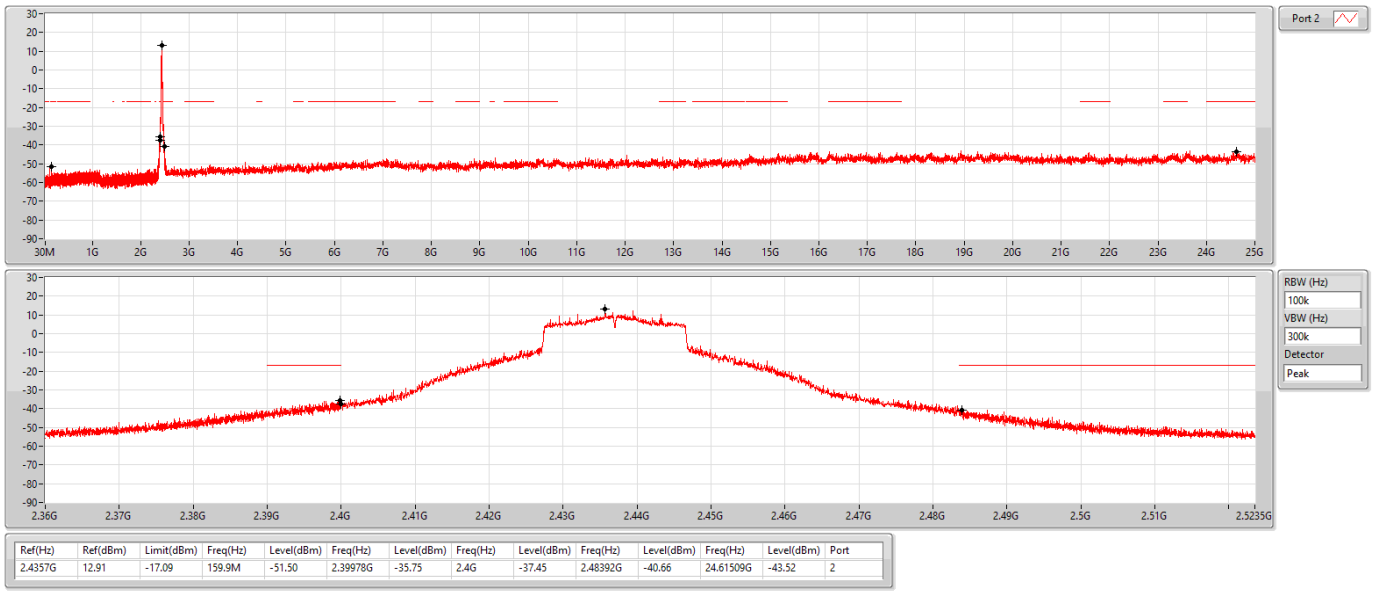
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	12.91	-17.09	2.30088G	-52.84	2.39994G	-28.72	2.4G	-27.84	2.51844G	-50.94	16.30159G	-42.71	2

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

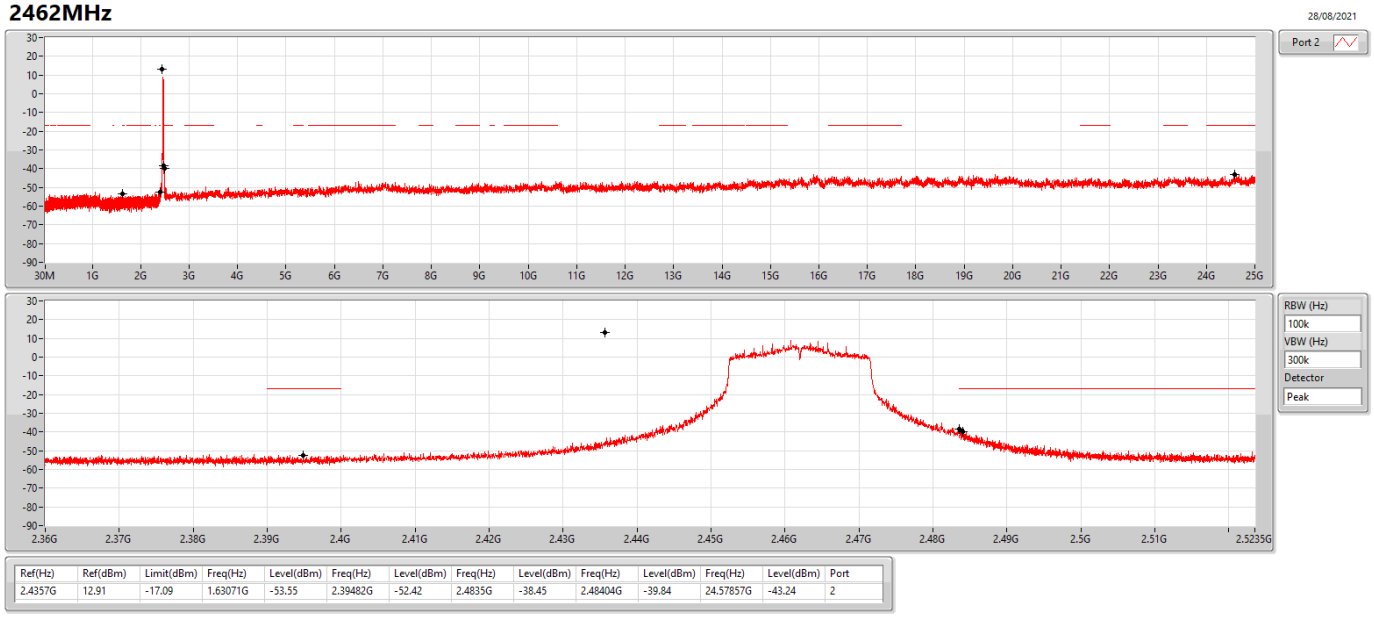
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	12.91	-17.09	159.9M	-51.50	2.39978G	-35.75	2.4G	-37.45	2.48392G	-40.66	24.61509G	-43.52	2

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

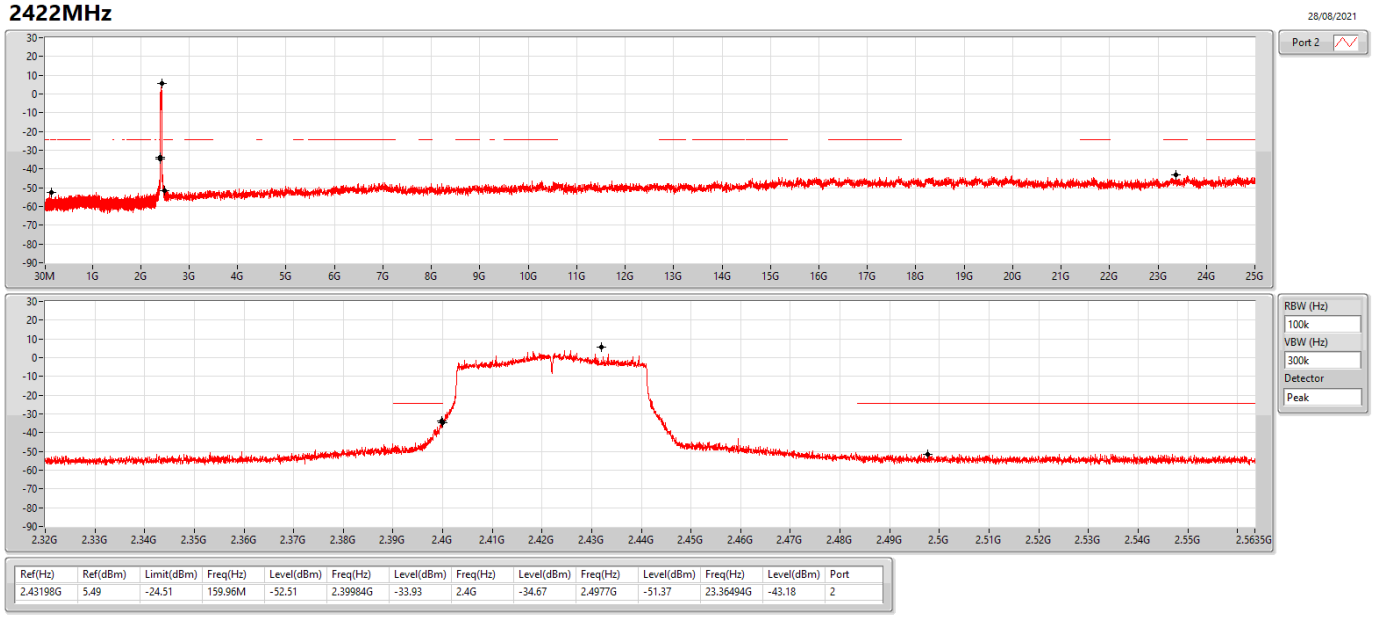
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	12.91	-17.09	1.63071G	-53.55	2.39482G	-52.42	2.4835G	-38.45	2.48404G	-39.84	24.57857G	-43.24	2

802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

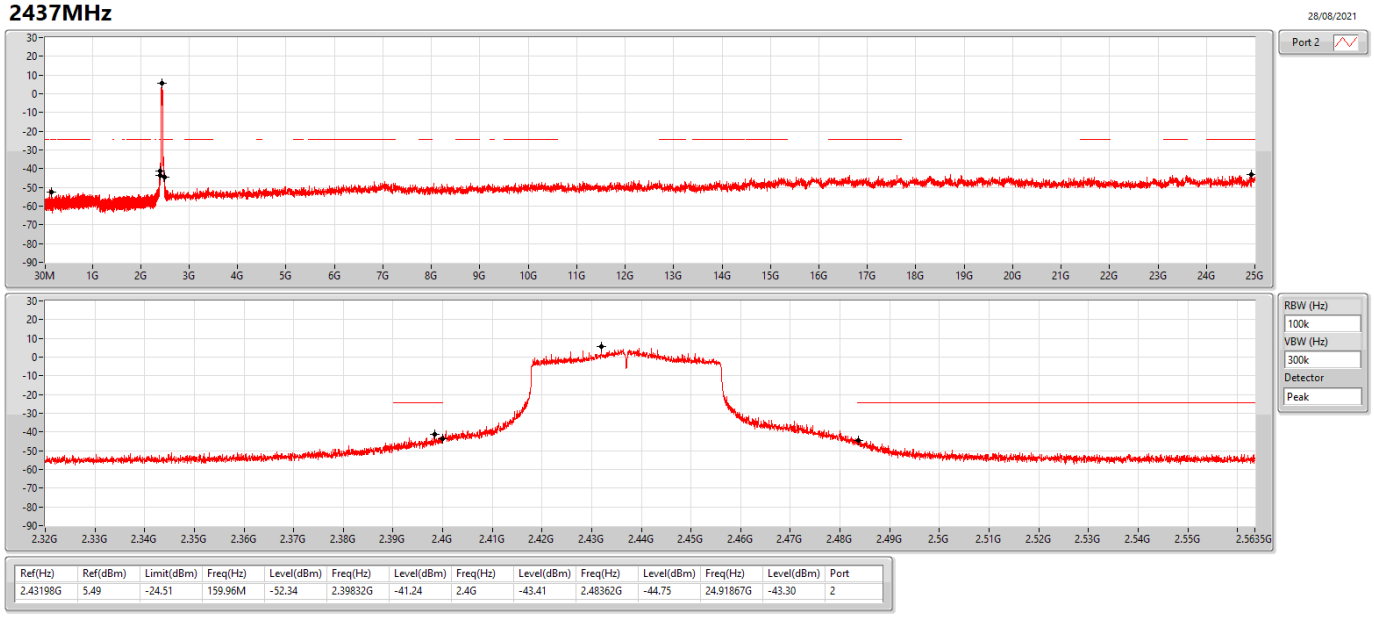
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	5.49	-24.51	159.96M	-52.51	2.39984G	-33.93	2.4G	-34.67	2.4977G	-51.37	23.36494G	-43.18	2

802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

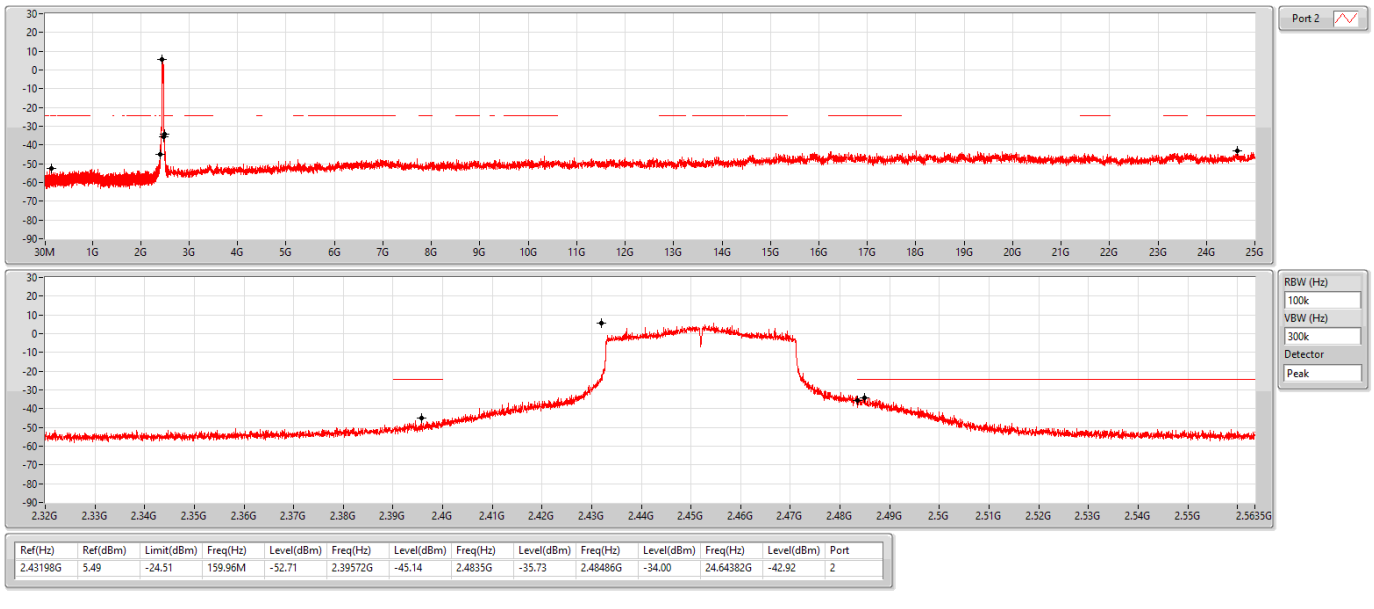
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	5.49	-24.51	159.96M	-52.34	2.39832G	-41.24	2.4G	-43.41	2.48362G	-44.75	24.91867G	-43.30	2

802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	5.49	-24.51	159.96M	-52.71	2.39572G	-45.14	2.4835G	-35.73	2.48486G	-34.00	24.64382G	-42.92	2

Summary

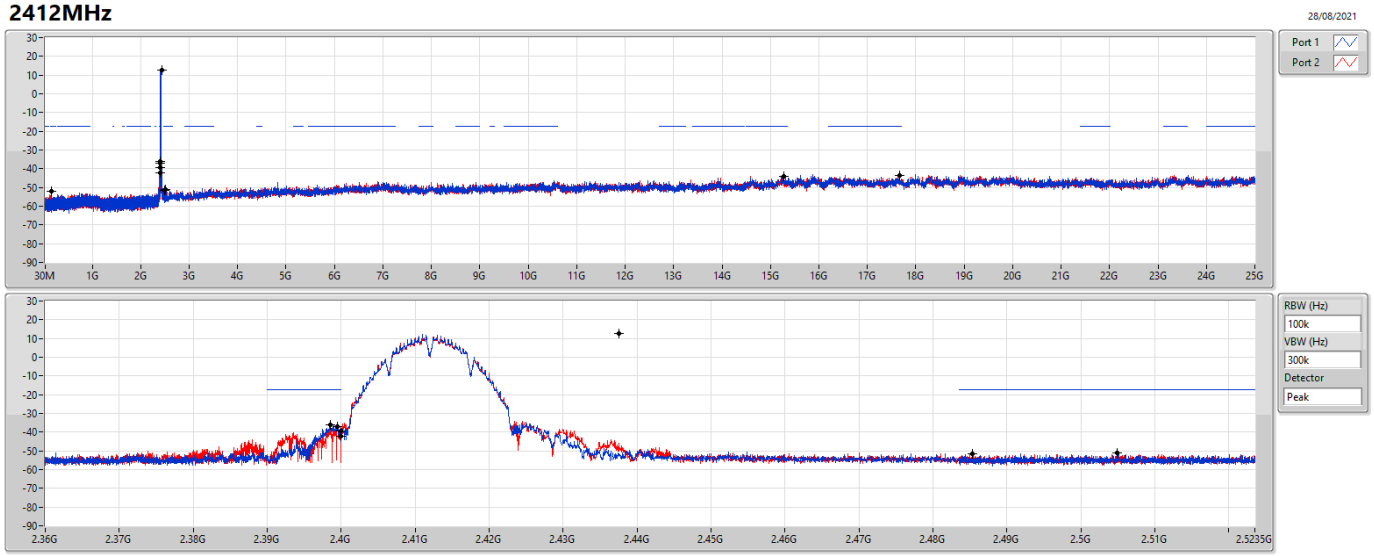
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	12.62	-17.38	159.9M	-52.04	2.39854G	-35.86	2.4G	-39.29	2.50486G	-51.30	15.2761G	-43.98	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	13.11	-16.89	944.53M	-52.19	2.39974G	-26.64	2.4G	-29.64	2.51076G	-51.50	24.92414G	-43.66	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43824G	12.75	-17.25	746.77M	-53.20	2.39996G	-22.76	2.4G	-26.21	2.51094G	-51.19	24.33413G	-43.88	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43449G	5.23	-24.77	159.96M	-52.42	2.4G	-32.28	2.4G	-32.98	2.49882G	-51.10	23.33129G	-42.85	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	12.62	-17.38	159.9M	-52.04	2.39854G	-35.86	2.4G	-39.29	2.50486G	-51.30	15.2761G	-43.98	1
2412MHz	Pass	2.43749G	12.62	-17.38	159.9M	-51.81	2.39948G	-37.06	2.4G	-42.08	2.48532G	-51.41	17.66704G	-43.45	2
2437MHz	Pass	2.43749G	12.62	-17.38	159.9M	-52.55	2.3975G	-43.10	2.4G	-49.72	2.48414G	-49.65	15.2452G	-43.07	1
2437MHz	Pass	2.43749G	12.62	-17.38	159.9M	-49.40	2.39648G	-43.17	2.4G	-48.47	2.49098G	-47.52	24.6179G	-43.27	2
2462MHz	Pass	2.43749G	12.62	-17.38	159.9M	-51.99	2.3925G	-52.22	2.4835G	-52.05	2.4884G	-49.41	16.22855G	-43.06	1
2462MHz	Pass	2.43749G	12.62	-17.38	159.9M	-52.03	2.39902G	-51.95	2.4835G	-54.19	2.489G	-50.38	23.20469G	-43.30	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	13.11	-16.89	944.53M	-52.19	2.39974G	-26.64	2.4G	-29.64	2.51076G	-51.50	24.92414G	-43.66	1
2412MHz	Pass	2.43574G	13.11	-16.89	159.9M	-52.05	2.39974G	-26.65	2.4G	-27.81	2.49496G	-51.23	17.64457G	-43.03	2
2437MHz	Pass	2.43574G	13.11	-16.89	2.13545G	-52.71	2.39952G	-37.00	2.4G	-40.86	2.48542G	-42.36	16.61065G	-43.43	1
2437MHz	Pass	2.43574G	13.11	-16.89	159.9M	-52.63	2.39572G	-37.33	2.4G	-40.44	2.48358G	-42.73	16.61065G	-43.18	2
2462MHz	Pass	2.43574G	13.11	-16.89	2.05331G	-52.22	2.39534G	-52.29	2.4835G	-48.62	2.4835G	-46.11	24.65442G	-43.81	1
2462MHz	Pass	2.43574G	13.11	-16.89	534.15M	-52.71	2.39128G	-52.21	2.4835G	-49.37	2.48358G	-46.27	24.60947G	-43.59	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	12.75	-17.25	159.9M	-52.80	2.39958G	-27.18	2.4G	-28.42	2.5117G	-51.09	24.6179G	-42.15	1
2412MHz	Pass	2.43824G	12.75	-17.25	746.77M	-53.20	2.39996G	-22.76	2.4G	-26.21	2.51094G	-51.19	24.33413G	-43.88	2
2437MHz	Pass	2.43824G	12.75	-17.25	159.9M	-48.31	2.39324G	-36.86	2.4G	-39.56	2.48452G	-41.92	23.37326G	-42.38	1
2437MHz	Pass	2.43824G	12.75	-17.25	159.9M	-51.67	2.39878G	-37.92	2.4G	-39.16	2.48478G	-41.01	24.55047G	-43.91	2
2462MHz	Pass	2.43824G	12.75	-17.25	843.17M	-51.77	2.39956G	-51.81	2.4835G	-48.35	2.48354G	-46.05	24.66285G	-43.93	1
2462MHz	Pass	2.43824G	12.75	-17.25	159.9M	-52.08	2.39428G	-52.05	2.4835G	-43.16	2.4843G	-43.24	24.95786G	-42.93	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	5.23	-24.77	159.96M	-52.42	2.4G	-32.28	2.4G	-32.98	2.49882G	-51.10	23.33129G	-42.85	1
2422MHz	Pass	2.43449G	5.23	-24.77	159.96M	-51.26	2.4G	-32.67	2.4G	-34.50	2.48718G	-51.16	16.53863G	-43.39	2
2437MHz	Pass	2.43449G	5.23	-24.77	159.96M	-52.88	2.39964G	-37.02	2.4G	-38.92	2.4849G	-42.24	23.24995G	-43.49	1
2437MHz	Pass	2.43449G	5.23	-24.77	159.96M	-51.75	2.39936G	-42.72	2.4G	-44.80	2.48374G	-44.76	16.26659G	-43.49	2
2452MHz	Pass	2.43449G	5.23	-24.77	159.96M	-52.65	2.39988G	-51.27	2.4835G	-44.76	2.4869G	-41.97	23.37616G	-43.44	1
2452MHz	Pass	2.43449G	5.23	-24.77	800.59M	-53.12	2.39108G	-52.27	2.4835G	-46.19	2.4883G	-43.45	17.66326G	-42.48	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

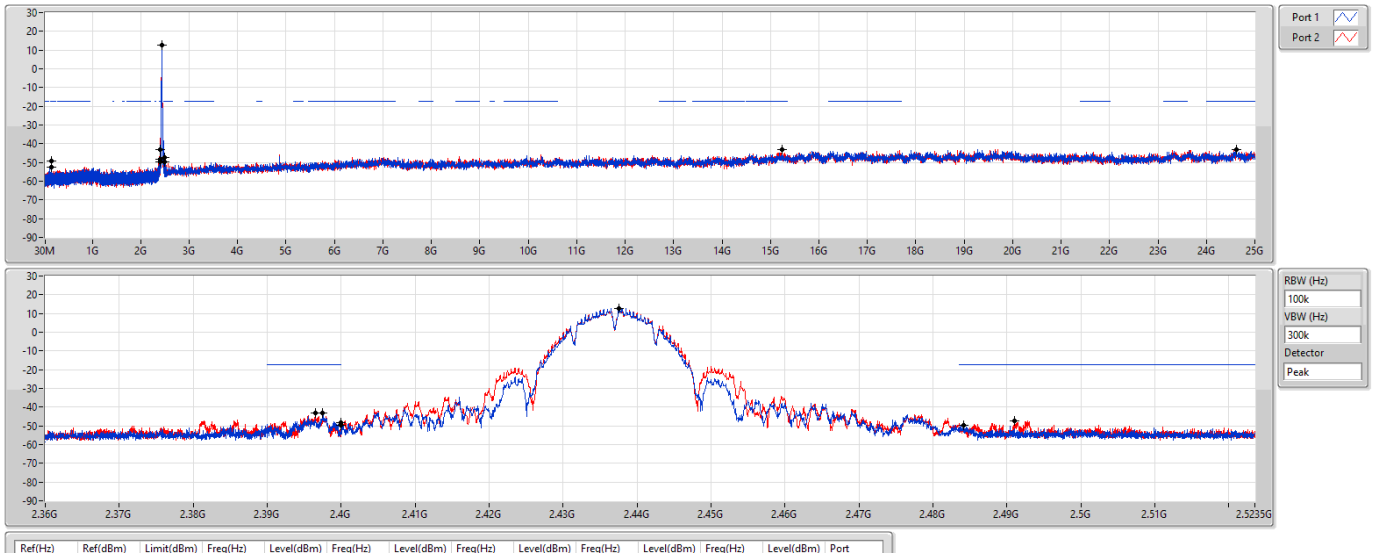
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	12.62	-17.38	159.9M	-52.04	2.39854G	-35.86	2.4G	-39.29	2.50486G	-51.30	15.2761G	-43.98	1
2.43749G	12.62	-17.38	159.9M	-51.81	2.39948G	-37.06	2.4G	-42.08	2.48532G	-51.41	17.66704G	-43.45	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

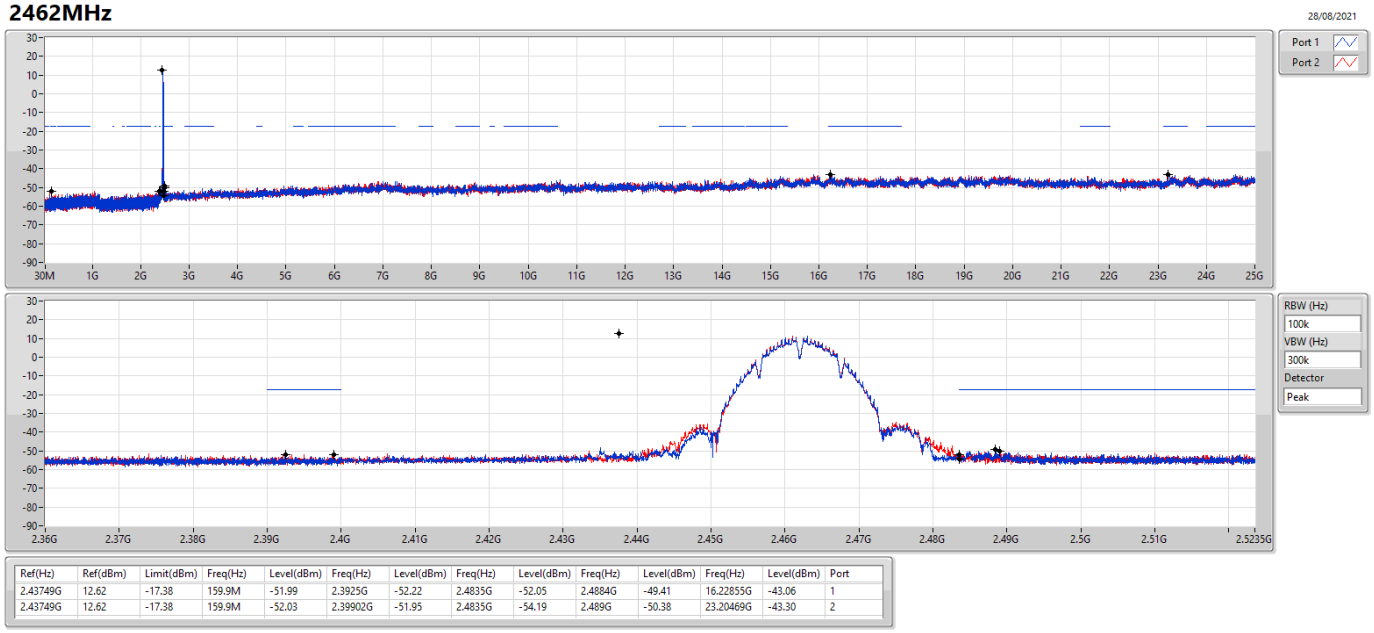
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	12.62	-17.38	159.9M	-52.55	2.3975G	-43.10	2.4G	-49.72	2.48414G	-49.65	15.2452G	-43.07	1
2.43749G	12.62	-17.38	159.9M	-49.40	2.39648G	-43.17	2.4G	-48.47	2.49098G	-47.52	24.6179G	-43.27	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

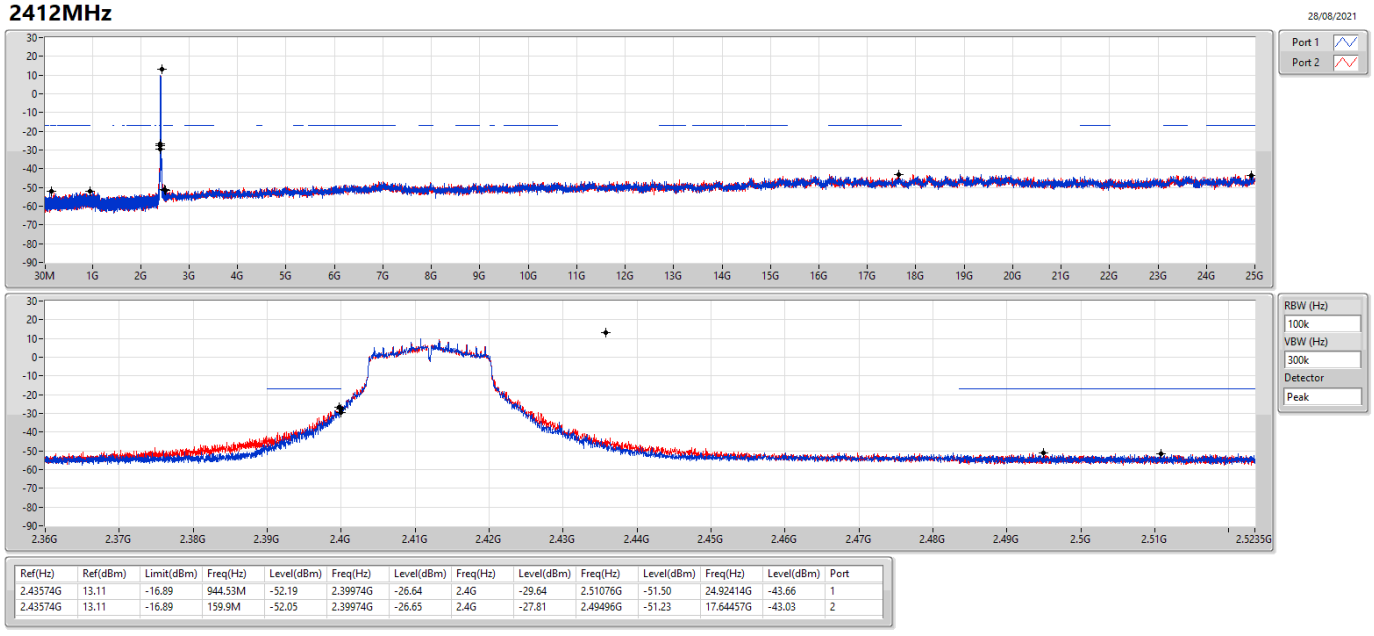
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	12.62	-17.38	159.9M	-51.99	2.3925G	-52.22	2.4835G	-52.05	2.4884G	-49.41	16.22855G	-43.06	1
2.43749G	12.62	-17.38	159.9M	-52.03	2.39902G	-51.95	2.4835G	-54.19	2.489G	-50.38	23.20469G	-43.30	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

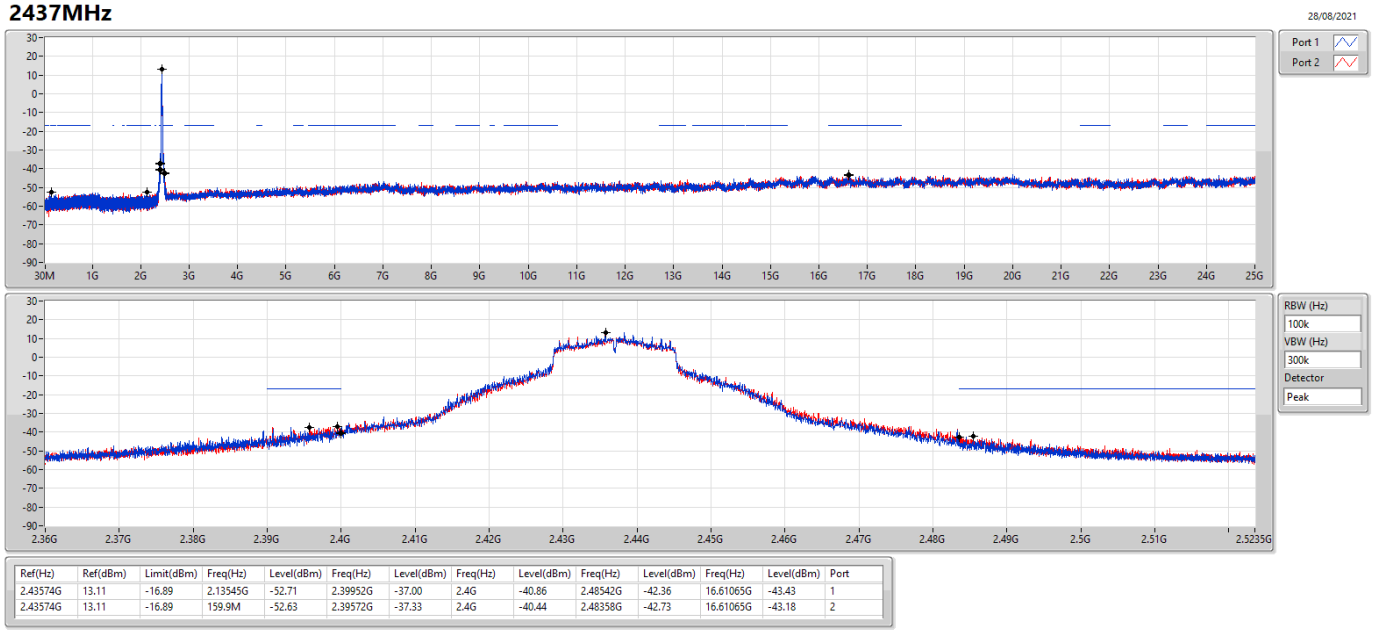
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.11	-16.89	944.53M	-52.19	2.39974G	-26.64	2.4G	-29.64	2.51076G	-51.50	24.92414G	-43.66	1
2.43574G	13.11	-16.89	159.9M	-52.05	2.39974G	-26.65	2.4G	-27.81	2.49496G	-51.23	17.64457G	-43.03	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

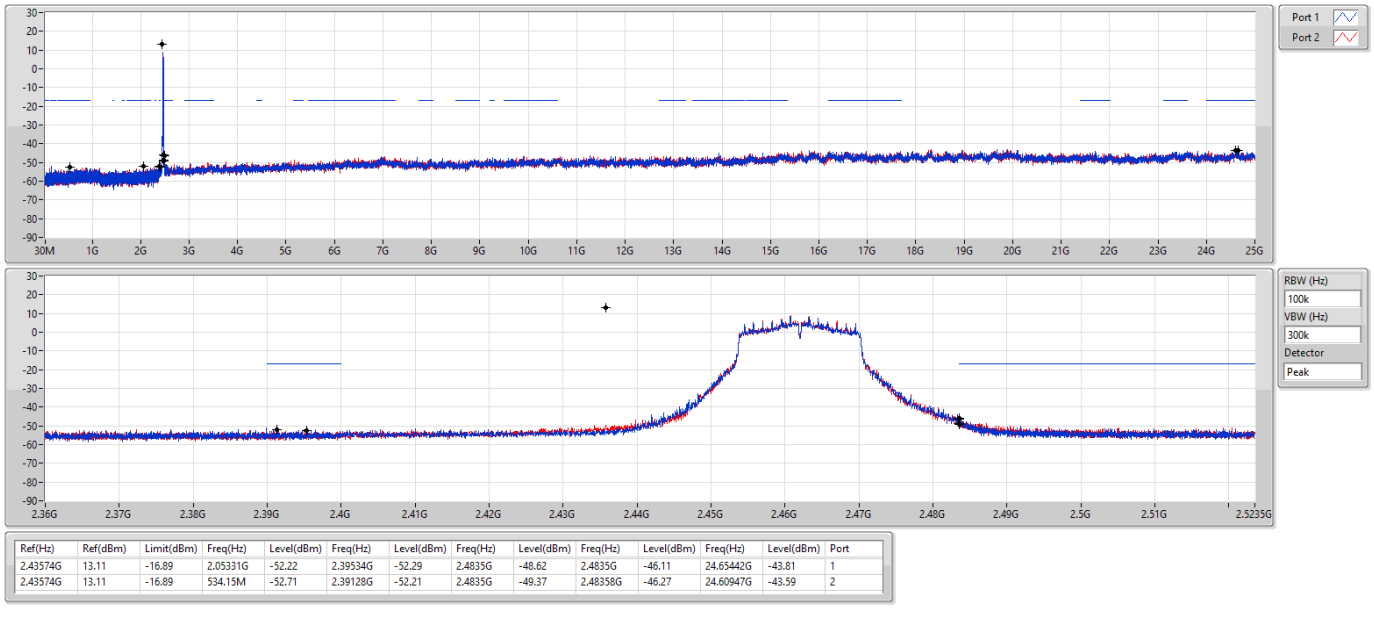
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.11	-16.89	2.13545G	-52.71	2.39952G	-37.00	2.4G	-40.86	2.48542G	-42.36	16.61065G	-43.43	1
2.43574G	13.11	-16.89	159.9M	-52.63	2.39572G	-37.33	2.4G	-40.44	2.48358G	-42.73	16.61065G	-43.18	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

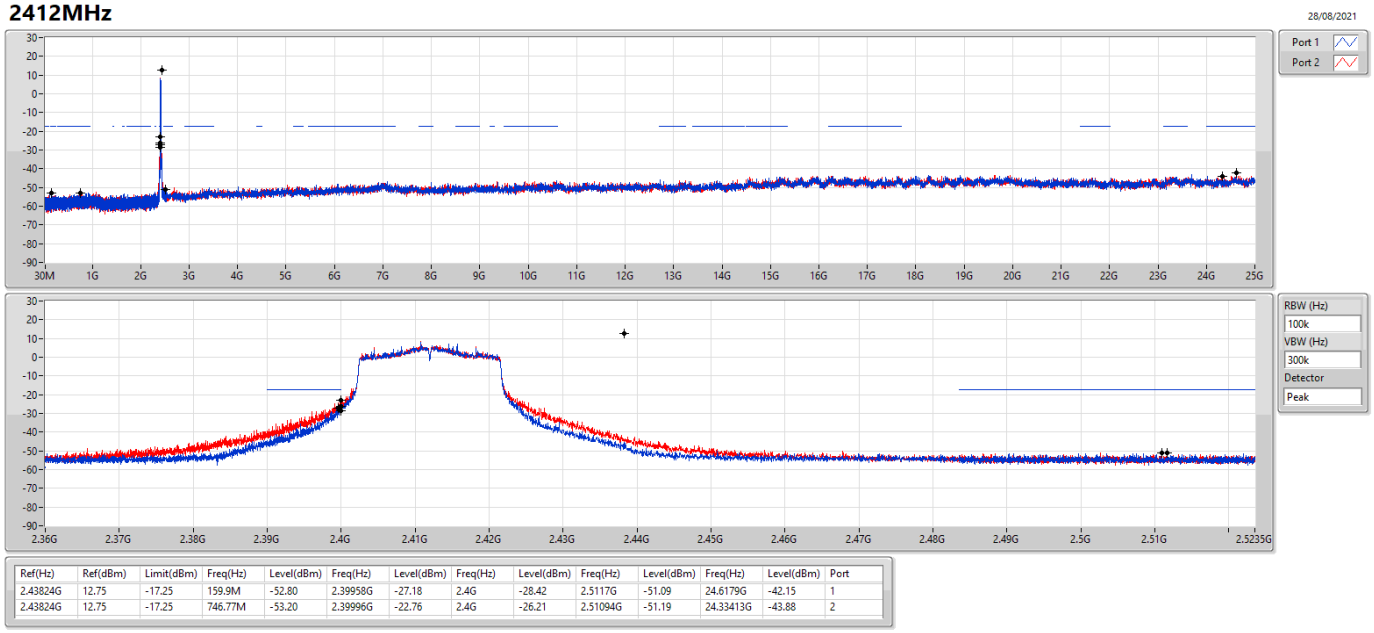
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.11	-16.89	2.05331G	-52.22	2.39534G	-52.29	2.4835G	-48.62	2.4835G	-46.11	24.65442G	-43.81	1
2.43574G	13.11	-16.89	534.15M	-52.71	2.39128G	-52.21	2.4835G	-49.37	2.48358G	-46.27	24.60947G	-43.59	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

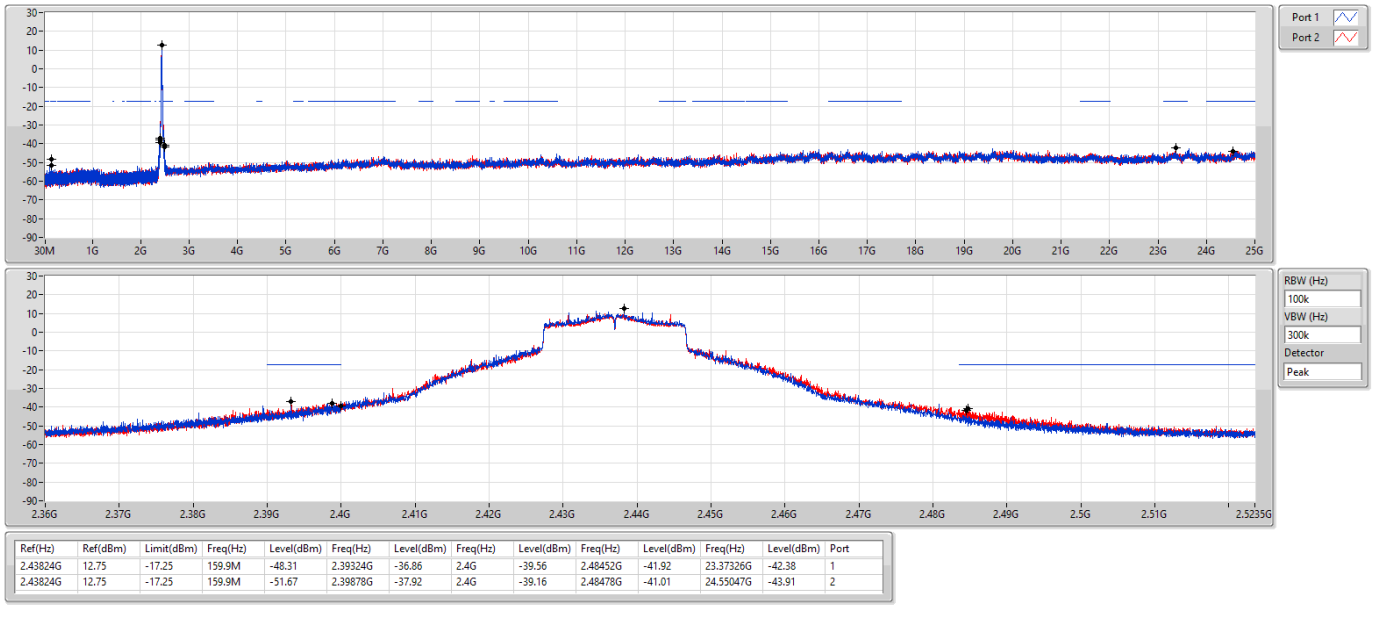
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	12.75	-17.25	159.9M	-52.80	2.39958G	-27.18	2.4G	-28.42	2.5117G	-51.09	24.6179G	-42.15	1
2.43824G	12.75	-17.25	746.77M	-53.20	2.39996G	-22.76	2.4G	-26.21	2.51094G	-51.19	24.33413G	-43.88	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

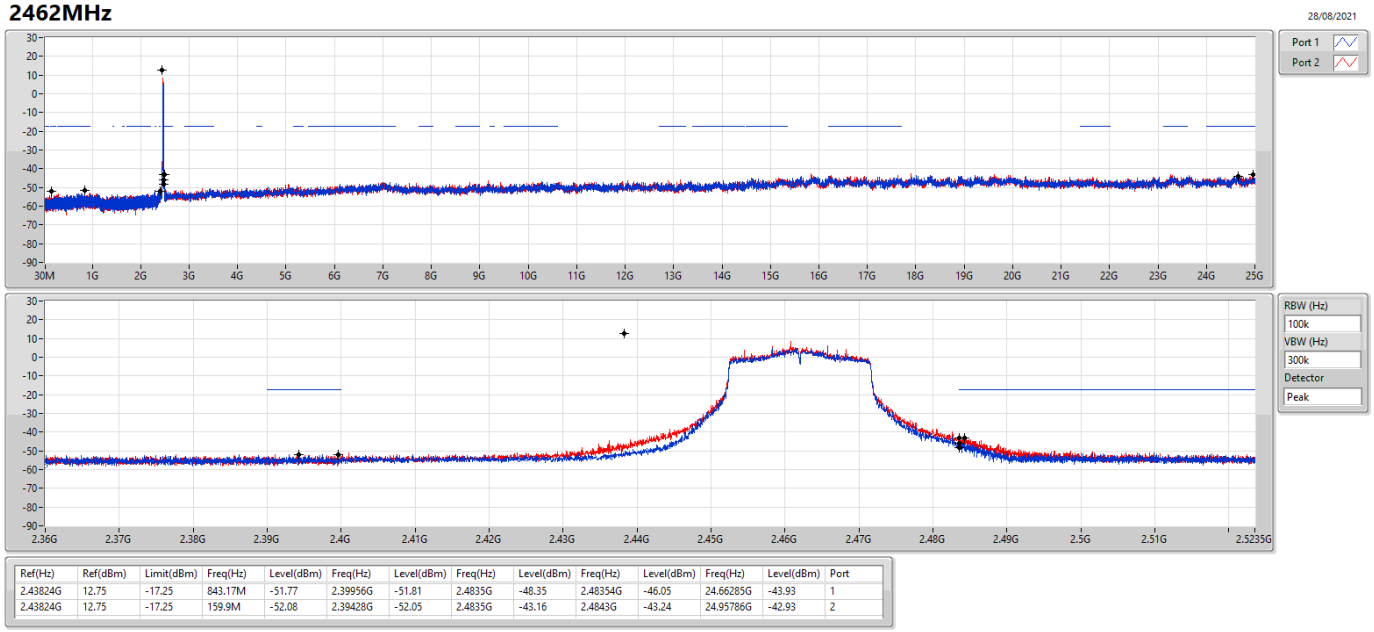
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	12.75	-17.25	159.9M	-48.31	2.39324G	-36.86	2.4G	-39.56	2.48452G	-41.92	23.37326G	-42.38	1
2.43824G	12.75	-17.25	159.9M	-51.67	2.39878G	-37.92	2.4G	-39.16	2.48478G	-41.01	24.55047G	-43.91	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

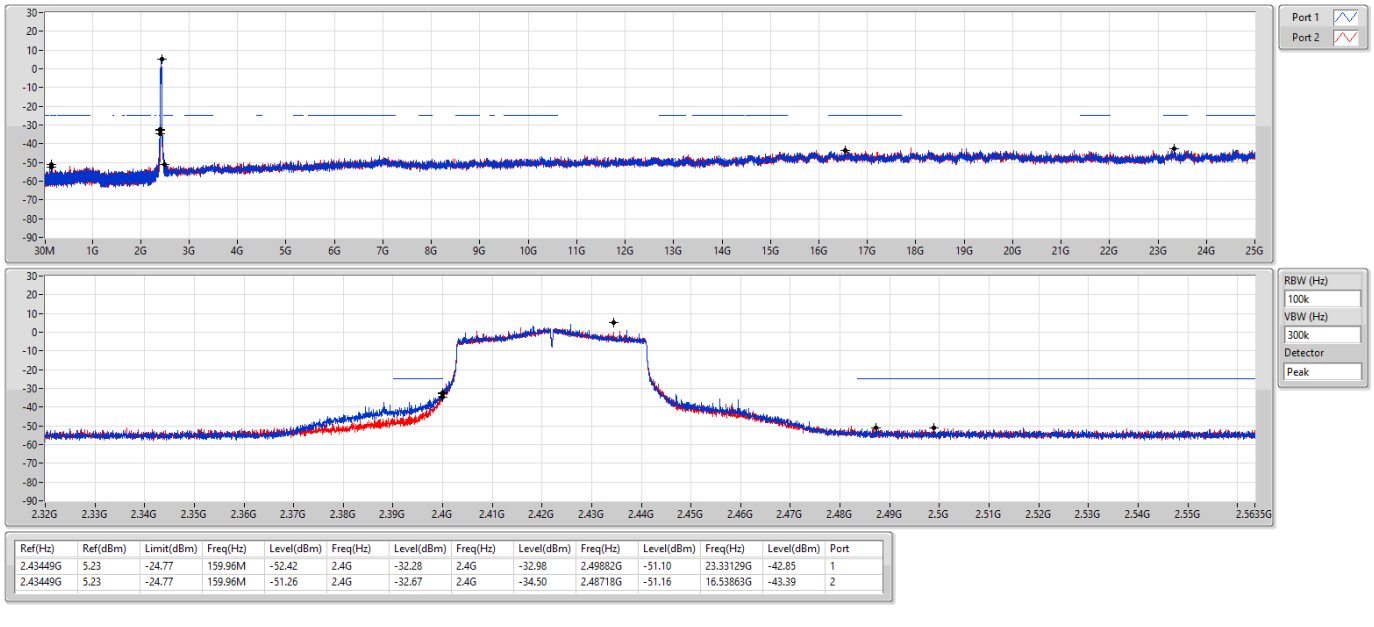
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	12.75	-17.25	843.17M	-51.77	2.39956G	-51.81	2.4835G	-48.35	2.48354G	-46.05	24.66285G	-43.93	1
2.43824G	12.75	-17.25	159.9M	-52.08	2.39428G	-52.05	2.4835G	-43.16	2.4843G	-43.24	24.95786G	-42.93	2

802.11ax HEW40_Nss1,(MCS0)_2TX **CSENdB**

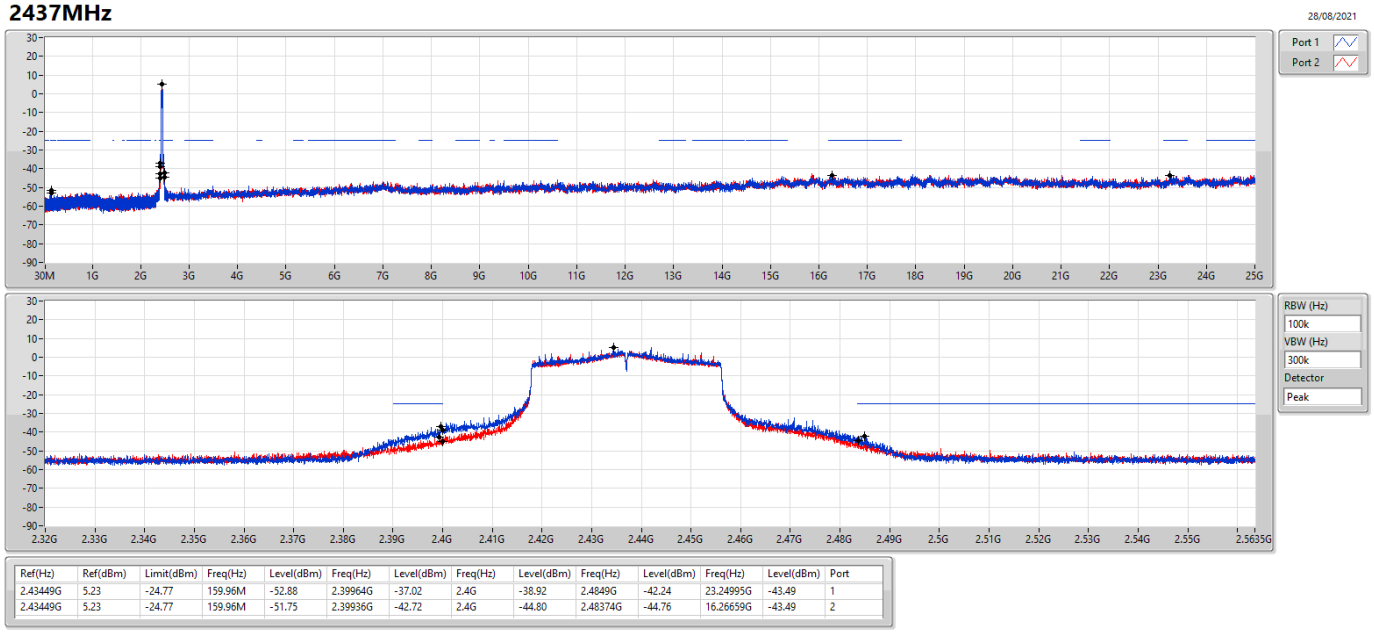
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	5.23	-24.77	159.96M	-52.42	2.4G	-32.28	2.4G	-32.98	2.49882G	-51.10	23.33129G	-42.85	1
2.43449G	5.23	-24.77	159.96M	-51.26	2.4G	-32.67	2.4G	-34.50	2.48718G	-51.16	16.53863G	-43.39	2

802.11ax HEW40_Nss1,(MCS0)_2TX **CSENdB**

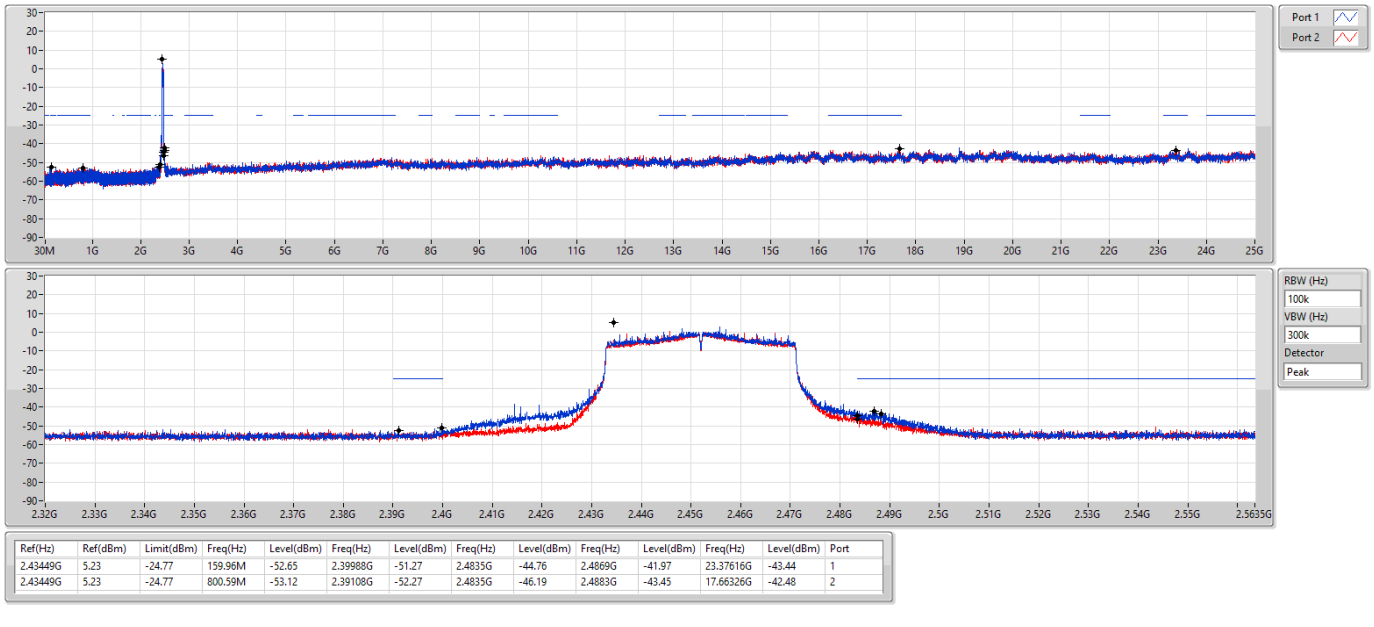
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	5.23	-24.77	159.96M	-52.88	2.39964G	-37.02	2.4G	-38.92	2.4849G	-42.24	23.24995G	-43.49	1
2.43449G	5.23	-24.77	159.96M	-51.75	2.39936G	-42.72	2.4G	-44.80	2.48374G	-44.76	16.26659G	-43.49	2

802.11ax HEW40_Nss1,(MCS0)_2TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	5.23	-24.77	159.96M	-52.65	2.39988G	-51.27	2.4835G	-44.76	2.4869G	-41.97	23.37616G	-43.44	1
2.43449G	5.23	-24.77	800.59M	-53.12	2.39108G	-52.27	2.4835G	-46.19	2.4883G	-43.45	17.66326G	-42.48	2

Summary

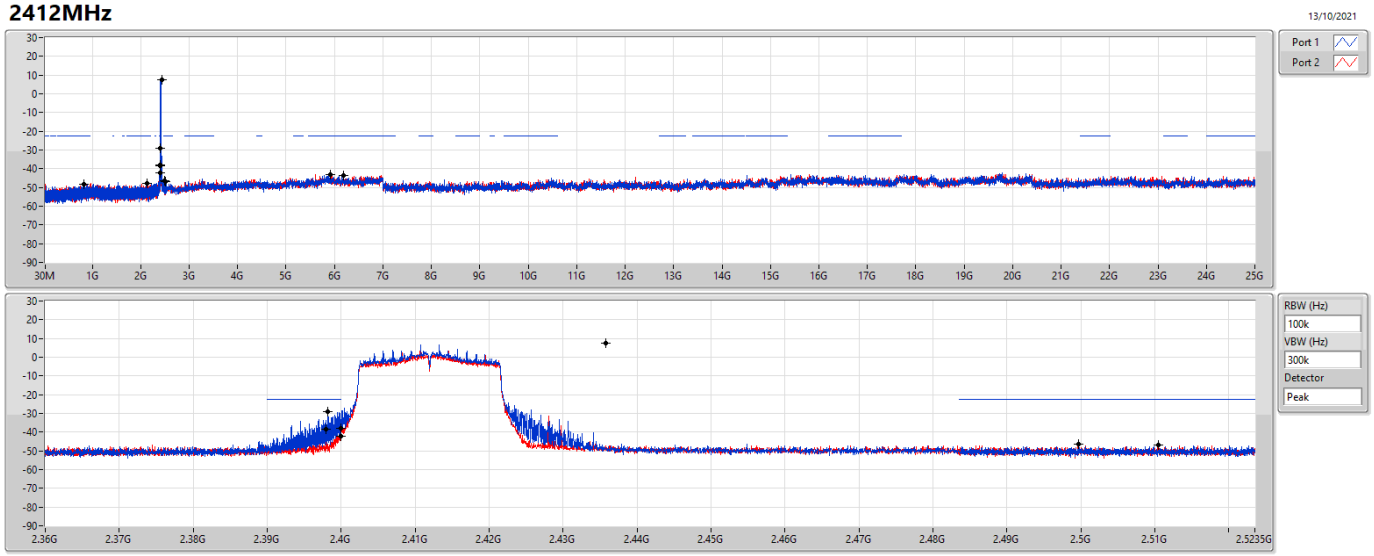
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	Pass	2.43574G	7.38	-22.62	824.82M	-48.05	2.39822G	-29.26	2.4G	-37.95	2.49968G	-46.47	6.17874G	-43.49	1
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	Pass	2.42902G	6.05	-23.95	804.59M	-48.60	2.3968G	-47.26	2.4835G	-40.86	2.48446G	-27.05	6.52354G	-43.01	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1,(MCS3)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	7.38	-22.62	824.82M	-48.05	2.39822G	-29.26	2.4G	-37.95	2.49968G	-46.47	6.17874G	-43.49	1
2412MHz	Pass	2.43574G	7.38	-22.62	2.12904G	-48.02	2.39794G	-38.30	2.4G	-42.28	2.51046G	-46.91	5.90902G	-43.25	2
2437MHz	Pass	2.43574G	7.38	-22.62	47.77M	-48.09	2.39898G	-47.14	2.4835G	-50.72	2.50228G	-46.72	17.67547G	-43.40	1
2437MHz	Pass	2.43574G	7.38	-22.62	2.19311G	-48.19	2.39262G	-47.35	2.4G	-49.93	2.48588G	-46.81	6.92047G	-42.11	2
2462MHz	Pass	2.43574G	7.38	-22.62	2.17477G	-47.85	2.39014G	-47.37	2.4835G	-48.26	2.48596G	-41.53	6.95137G	-42.91	1
2462MHz	Pass	2.43574G	7.38	-22.62	2.16545G	-48.44	2.39494G	-46.92	2.4835G	-46.46	2.485G	-37.03	6.83899G	-42.77	2
802.11ax HEW40-BF_Nss1,(MCS3)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42902G	6.05	-23.95	956.88M	-47.43	2.39828G	-27.73	2.4G	-33.58	2.52986G	-46.22	17.57913G	-42.92	1
2422MHz	Pass	2.42902G	6.05	-23.95	2.01801G	-48.23	2.39808G	-38.41	2.4G	-42.44	2.48426G	-47.02	16.2722G	-43.00	2
2437MHz	Pass	2.42902G	6.05	-23.95	1.77956G	-48.31	2.39884G	-32.52	2.4G	-38.21	2.48718G	-40.31	5.83362G	-42.80	1
2437MHz	Pass	2.42902G	6.05	-23.95	2.18833G	-48.13	2.39456G	-34.78	2.4835G	-48.41	2.48974G	-39.46	6.9274G	-42.10	2
2452MHz	Pass	2.42902G	6.05	-23.95	804.59M	-48.60	2.3968G	-47.26	2.4835G	-40.86	2.48446G	-27.05	6.52354G	-43.01	1
2452MHz	Pass	2.42902G	6.05	-23.95	638.85M	-48.38	2.3994G	-46.34	2.4835G	-31.12	2.48578G	-28.83	6.94142G	-42.96	2

802.11ax HEW20-BF_Nss1,(MCS3)_2TX **CSENdB**

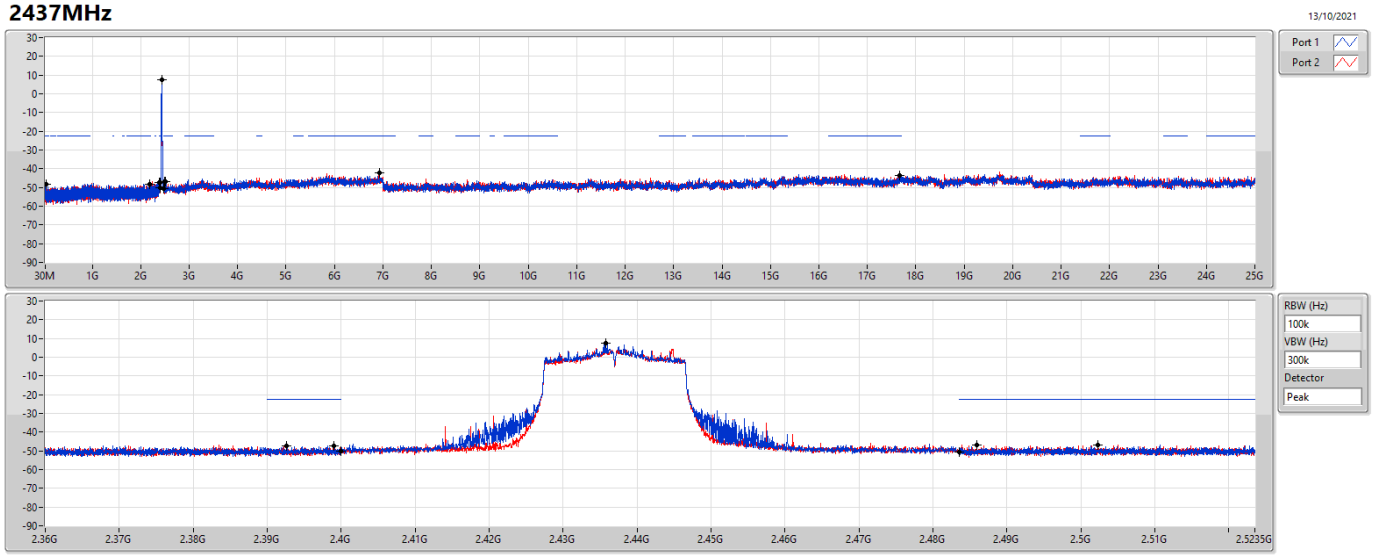
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	7.38	-22.62	824.82M	-48.05	2.39822G	-29.26	2.4G	-37.95	2.49968G	-46.47	6.17874G	-43.49	1
2.43574G	7.38	-22.62	2.12904G	-48.02	2.39794G	-38.30	2.4G	-42.28	2.51046G	-46.91	5.90902G	-43.25	2

802.11ax HEW20-BF_Nss1,(MCS3)_2TX **CSENdB**

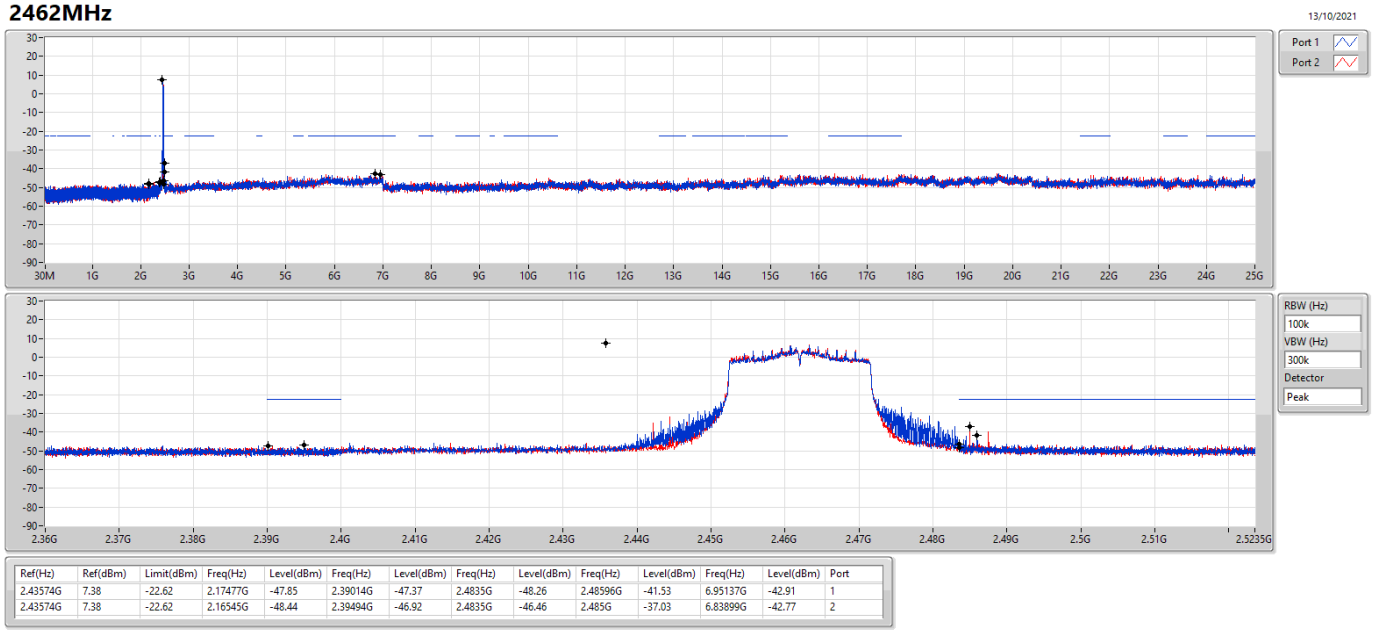
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	7.38	-22.62	47.77M	-48.09	2.39898G	-47.14	2.4835G	-50.72	2.50228G	-46.72	17.67547G	-43.40	1
2.43574G	7.38	-22.62	2.19311G	-48.19	2.39262G	-47.35	2.4G	-49.93	2.48588G	-46.81	6.92047G	-42.11	2

802.11ax HEW20-BF_Nss1,(MCS3)_2TX **CSENdB**

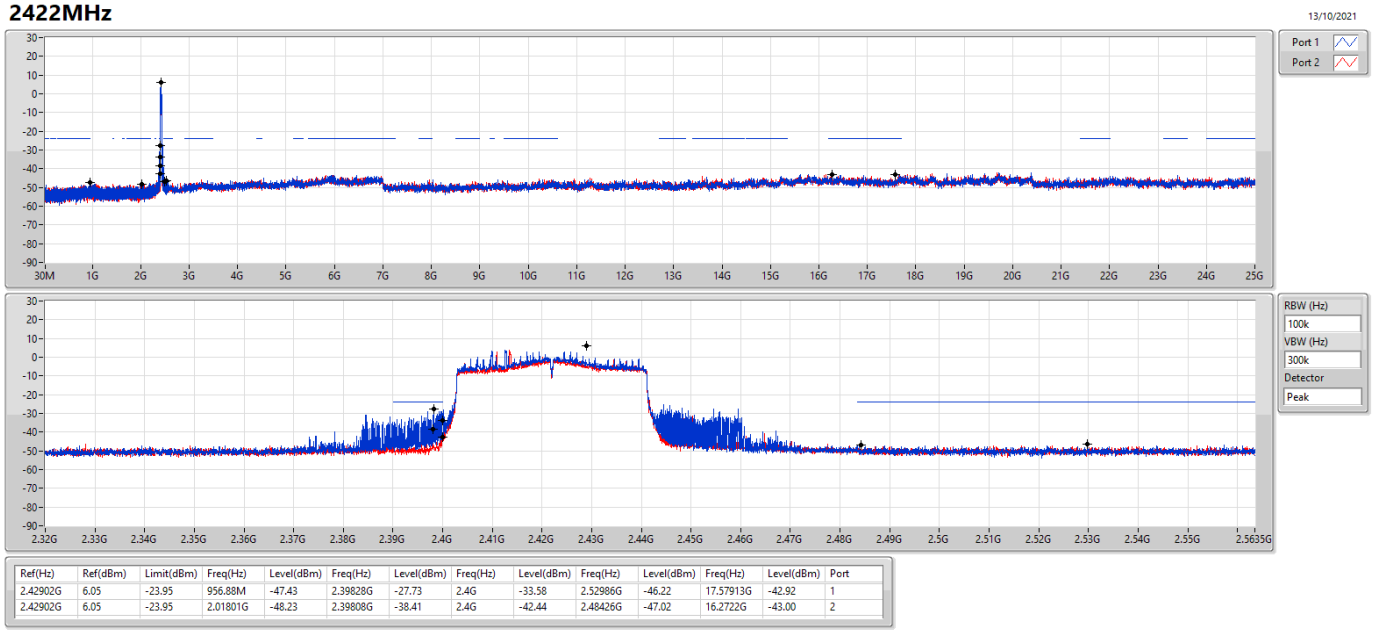
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	7.38	-22.62	2.17477G	-47.85	2.39014G	-47.37	2.4835G	-48.26	2.48596G	-41.53	6.95137G	-42.91	1
2.43574G	7.38	-22.62	2.16545G	-48.44	2.39494G	-46.92	2.4835G	-46.46	2.485G	-37.03	6.83899G	-42.77	2

802.11ax HEW40-BF_Nss1,(MCS3)_2TX **CSENdB**

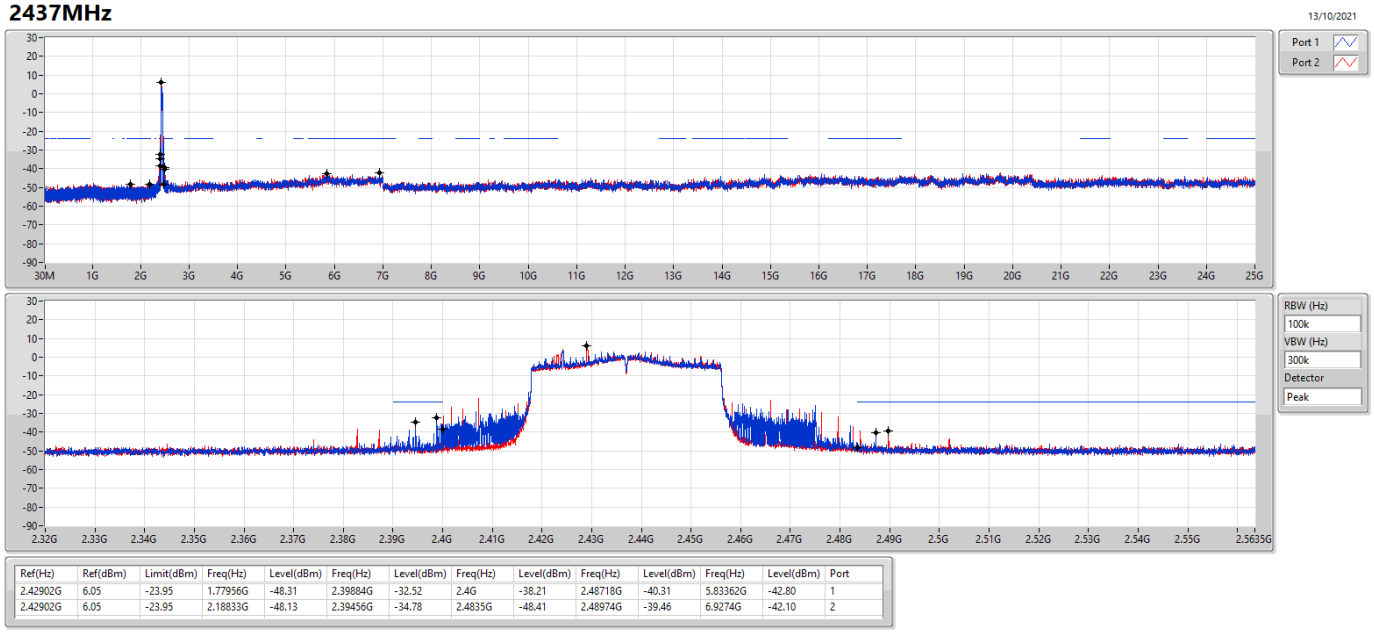
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42902G	6.05	-23.95	956.88M	-47.43	2.39828G	-27.73	2.4G	-33.58	2.52986G	-46.22	17.57913G	-42.92	1
2.42902G	6.05	-23.95	2.01801G	-48.23	2.39808G	-38.41	2.4G	-42.44	2.48426G	-47.02	16.2722G	-43.00	2

802.11ax HEW40-BF_Nss1,(MCS3)_2TX **CSENdB**

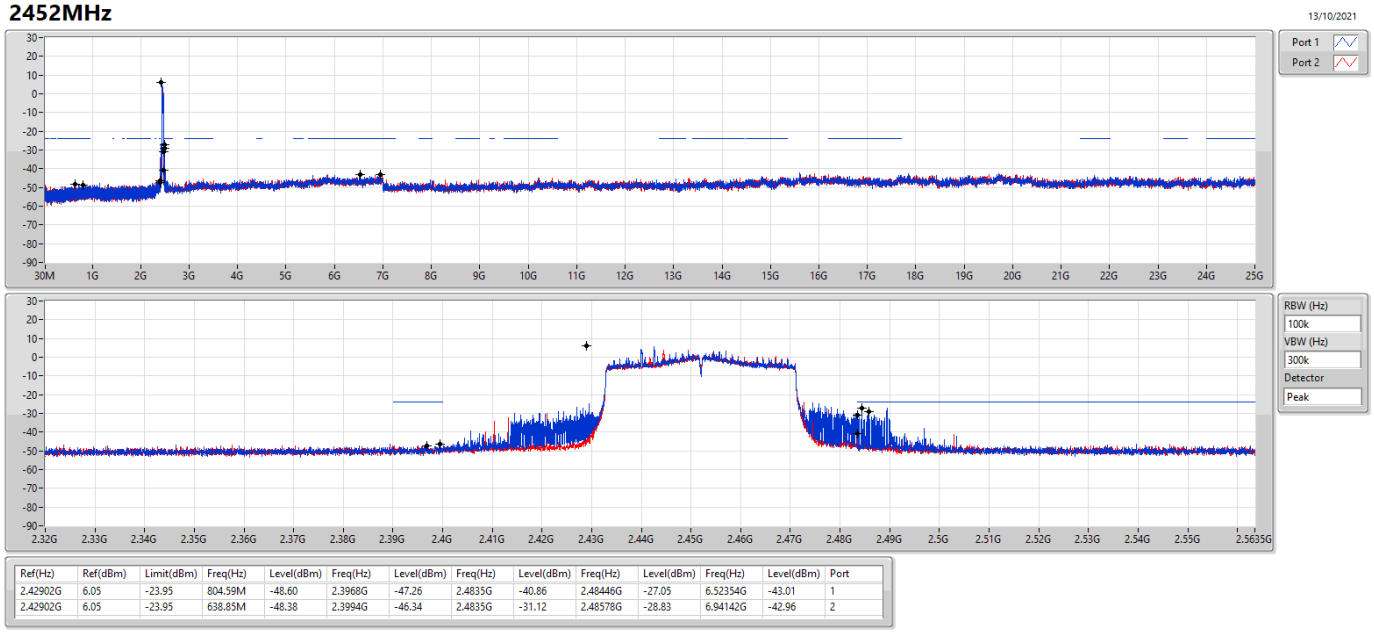
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42902G	6.05	-23.95	1.77956G	-48.31	2.39884G	-32.52	2.4G	-38.21	2.48718G	-40.31	5.83362G	-42.80	1
2.42902G	6.05	-23.95	2.18833G	-48.13	2.39456G	-34.78	2.4835G	-48.41	2.48974G	-39.46	6.9274G	-42.10	2

802.11ax HEW40-BF_Nss1,(MCS3)_2TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42902G	6.05	-23.95	804.59M	-48.60	2.3968G	-47.26	2.4835G	-40.86	2.48446G	-27.05	6.52354G	-43.01	1
2.42902G	6.05	-23.95	638.85M	-48.38	2.3994G	-46.34	2.4835G	-31.12	2.48578G	-28.83	6.94142G	-42.96	2

Summary

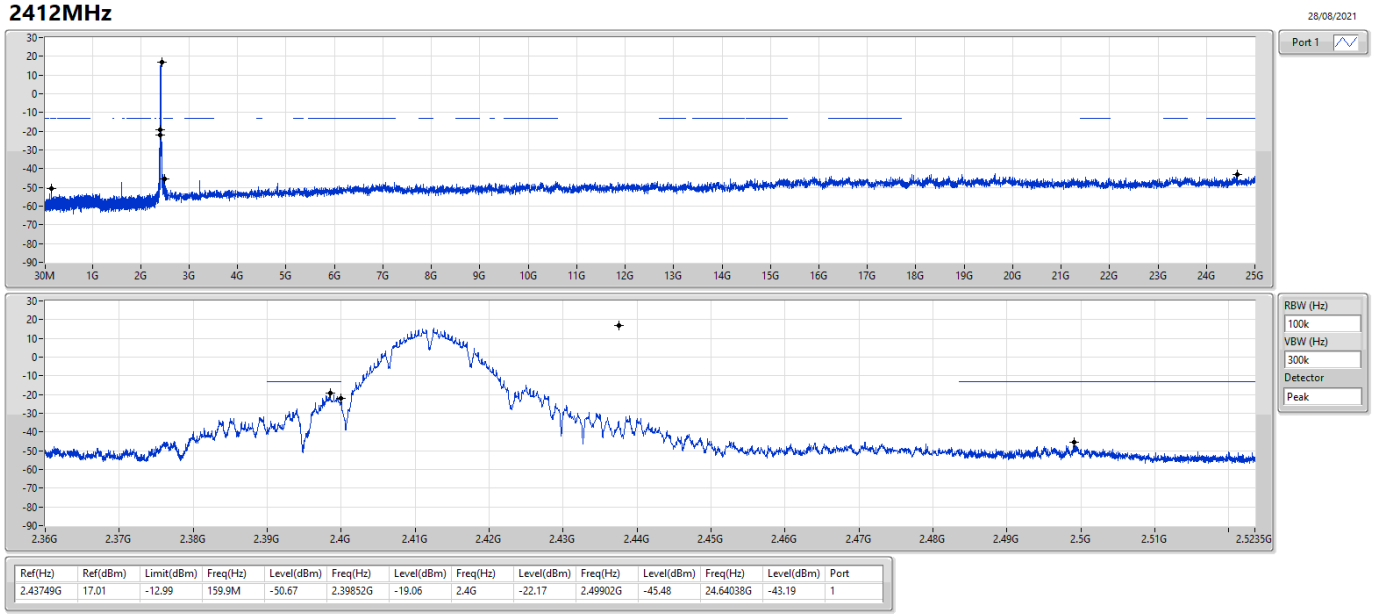
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43749G	17.01	-12.99	159.9M	-50.67	2.39852G	-19.06	2.4G	-22.17	2.49902G	-45.48	24.64038G	-43.19	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43202G	14.84	-15.16	159.9M	-51.70	2.39928G	-15.20	2.4G	-18.04	2.49496G	-44.10	23.36483G	-43.77	1
VHT20_Nss1,(MCS0)_1TX	Pass	2.43073G	14.37	-15.63	159.9M	-52.48	2.39976G	-19.85	2.4G	-22.44	2.49954G	-44.74	24.98033G	-43.41	1
VHT40_Nss1,(MCS0)_1TX	Pass	2.442G	6.58	-23.42	159.96M	-52.55	2.39952G	-24.16	2.4G	-26.86	2.49686G	-46.46	16.21891G	-43.69	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	17.01	-12.99	159.9M	-50.67	2.39852G	-19.06	2.4G	-22.17	2.49902G	-45.48	24.64038G	-43.19	1
2437MHz	Pass	2.43749G	17.01	-12.99	1.62459G	-45.06	2.397G	-32.96	2.4G	-34.78	2.484G	-31.22	16.2145G	-43.58	1
2462MHz	Pass	2.43749G	17.01	-12.99	1.64149G	-46.11	2.39798G	-48.58	2.4835G	-37.96	2.48448G	-34.20	23.25526G	-43.22	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43202G	14.84	-15.16	159.9M	-51.70	2.39928G	-15.20	2.4G	-18.04	2.49496G	-44.10	23.36483G	-43.77	1
2437MHz	Pass	2.43202G	14.84	-15.16	699M	-52.79	2.39952G	-26.62	2.4G	-28.98	2.48422G	-28.47	24.6488G	-43.87	1
2462MHz	Pass	2.43202G	14.84	-15.16	828.9M	-52.96	2.39954G	-47.62	2.4835G	-32.86	2.4836G	-31.77	24.79771G	-42.86	1
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	14.37	-15.63	159.9M	-52.48	2.39976G	-19.85	2.4G	-22.44	2.49954G	-44.74	24.98033G	-43.41	1
2437MHz	Pass	2.43073G	14.37	-15.63	159.9M	-52.99	2.39952G	-26.75	2.4G	-30.55	2.48548G	-31.07	24.62071G	-42.80	1
2462MHz	Pass	2.43073G	14.37	-15.63	159.9M	-52.02	2.39572G	-49.53	2.4835G	-31.81	2.48388G	-30.24	24.75276G	-43.34	1
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	6.58	-23.42	159.96M	-52.55	2.39952G	-24.16	2.4G	-26.86	2.49686G	-46.46	16.21891G	-43.69	1
2437MHz	Pass	2.442G	6.58	-23.42	853.83M	-53.11	2.39952G	-25.89	2.4835G	-31.49	2.48414G	-30.24	23.53321G	-43.76	1
2452MHz	Pass	2.442G	6.58	-23.42	159.96M	-52.16	2.39824G	-40.93	2.4835G	-31.88	2.4845G	-25.29	24.05206G	-43.64	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

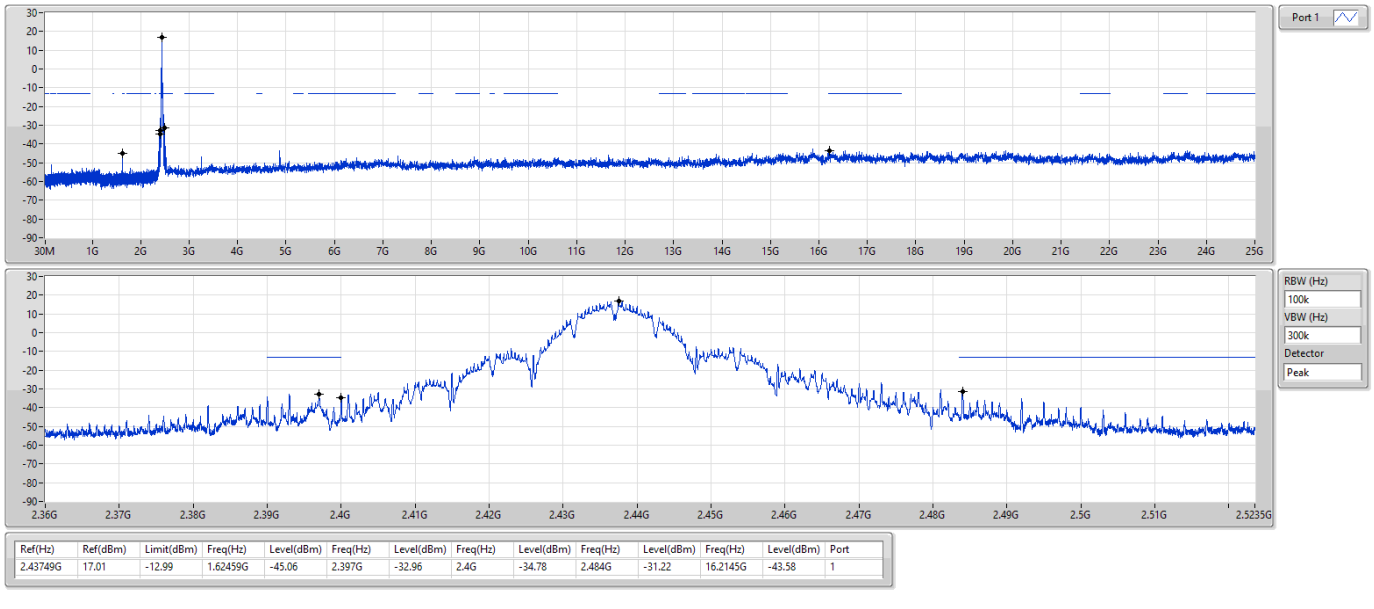
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	17.01	-12.99	159.9M	-50.67	2.39852G	-19.06	2.4G	-22.17	2.49902G	-45.48	24.64038G	-43.19	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

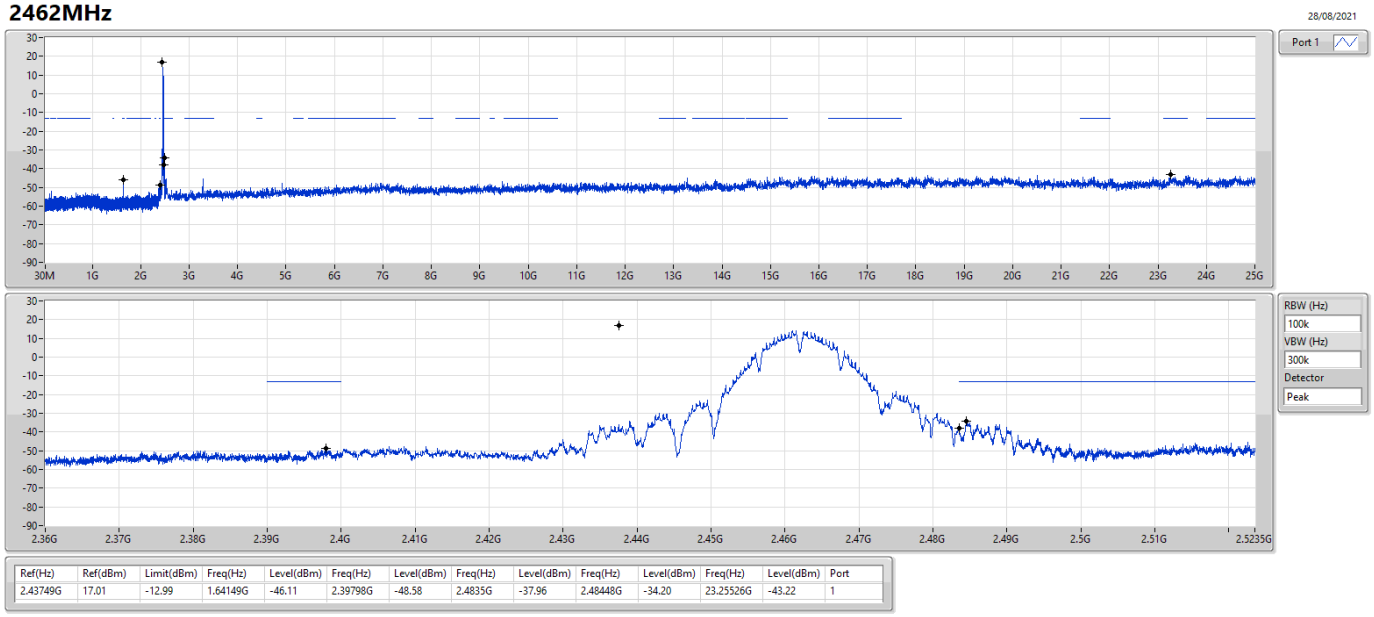
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	17.01	-12.99	1.62459G	-45.06	2.397G	-32.96	2.4G	-34.78	2.484G	-31.22	16.2145G	-43.58	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

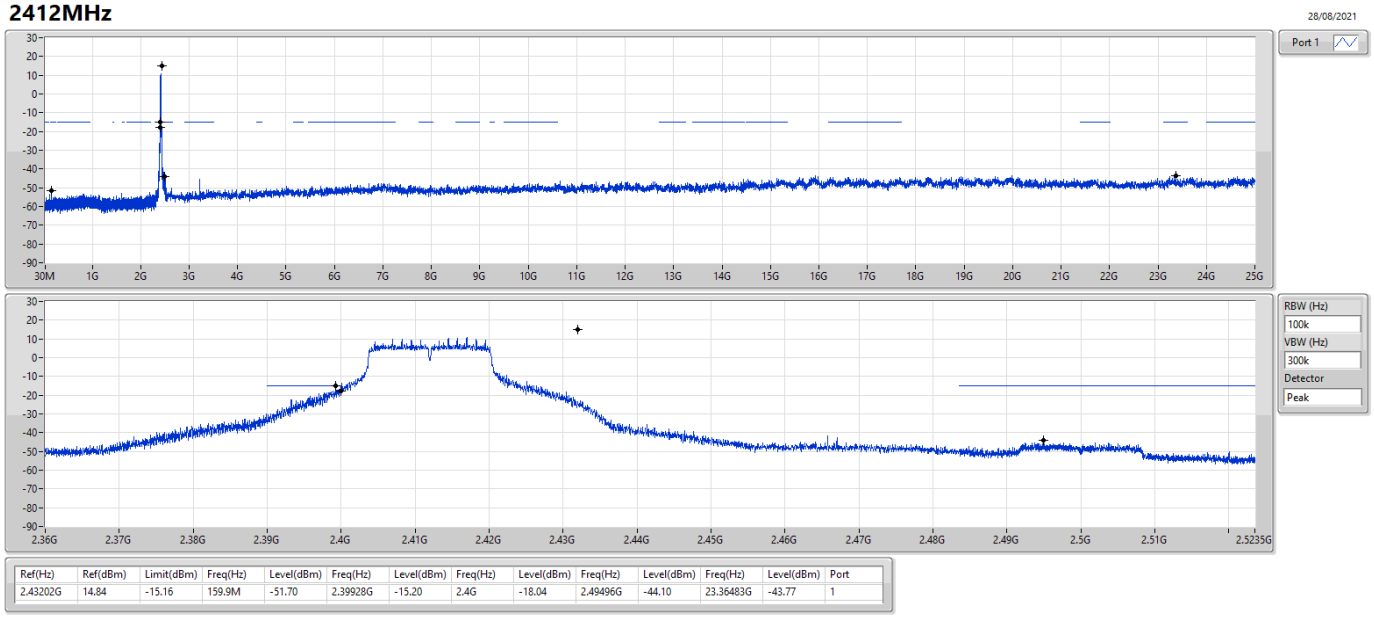
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	17.01	-12.99	1.64149G	-46.11	2.39798G	-48.58	2.4835G	-37.96	2.48448G	-34.20	23.25526G	-43.22	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

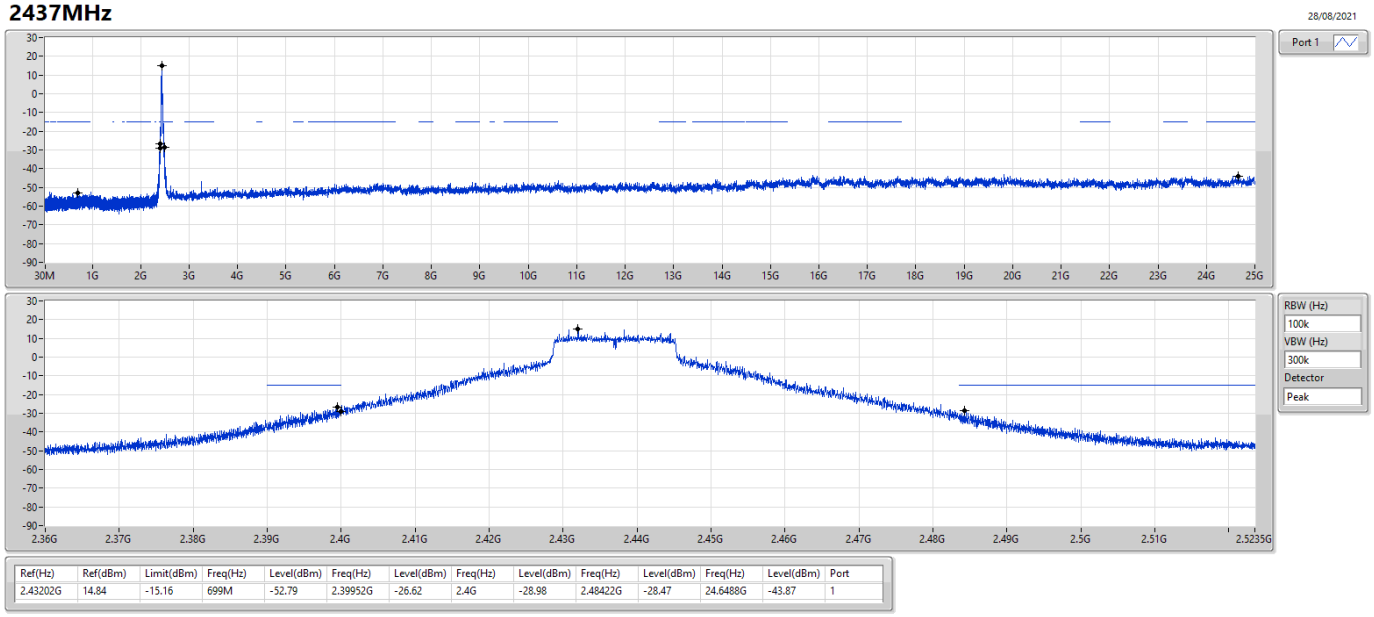
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	14.84	-15.16	159.9M	-51.70	2.39928G	-15.20	2.4G	-18.04	2.49496G	-44.10	23.36483G	-43.77	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

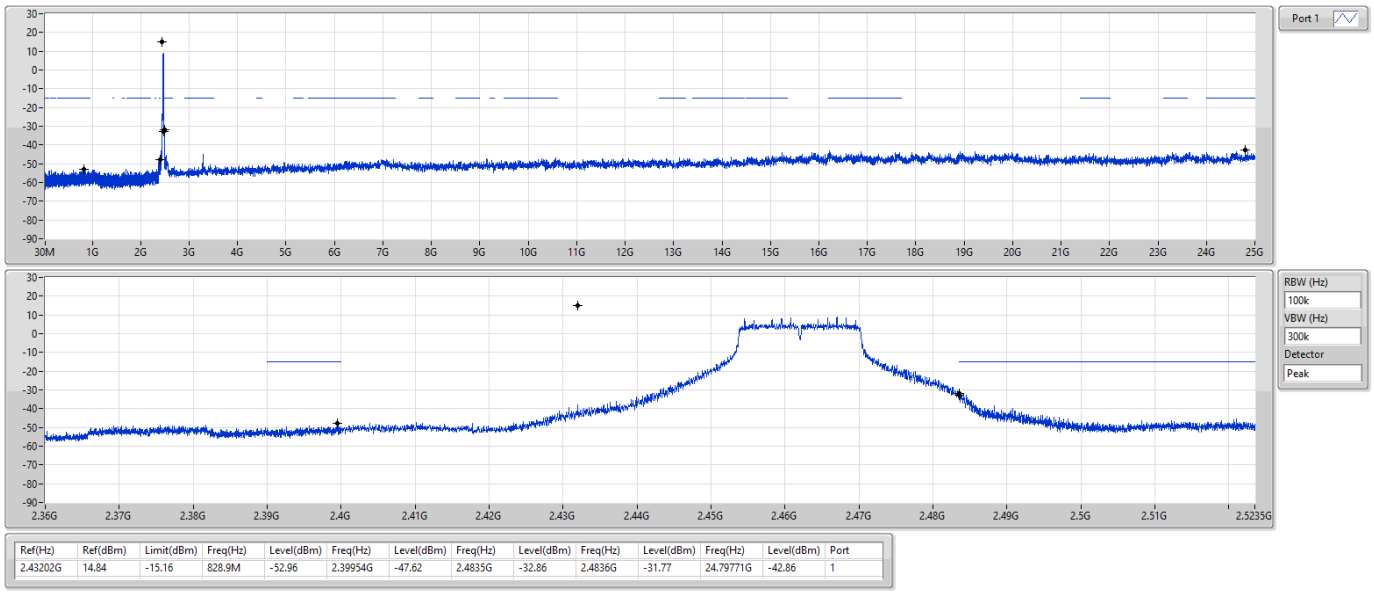
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	14.84	-15.16	699M	-52.79	2.39952G	-26.62	2.4G	-28.98	2.48422G	-28.47	24.6488G	-43.87	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

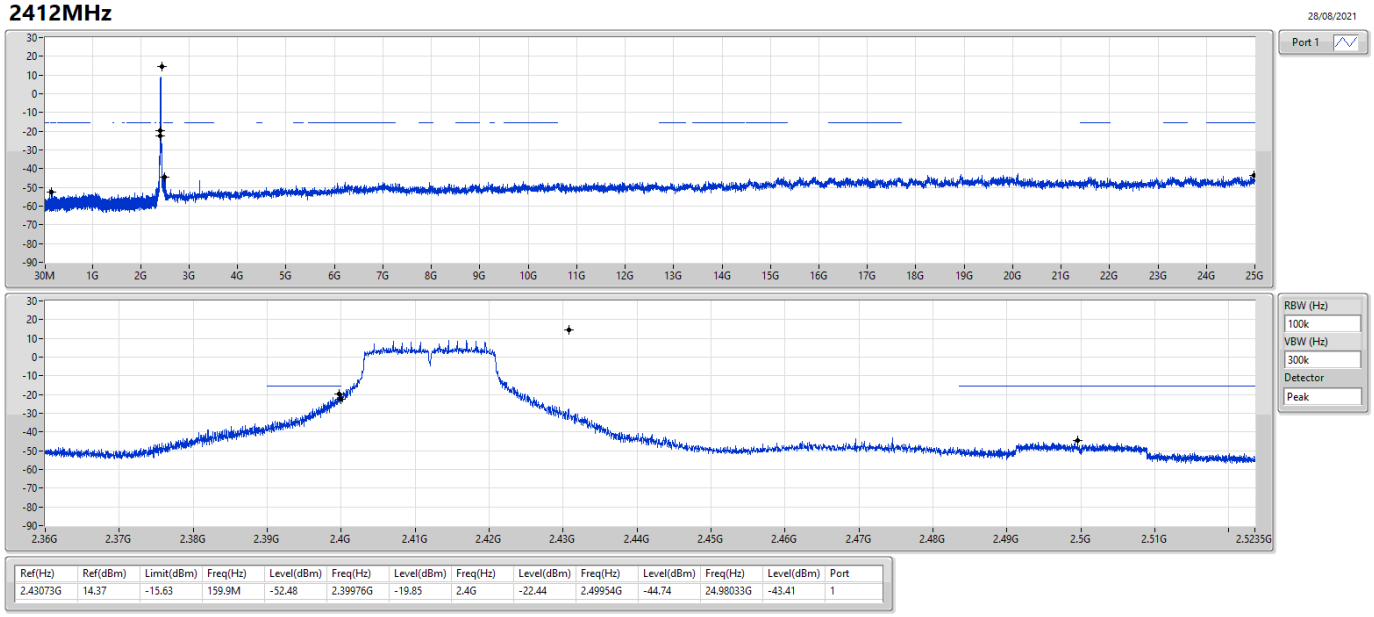
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	14.84	-15.16	828.9M	-52.96	2.39954G	-47.62	2.4835G	-32.86	2.4836G	-31.77	24.79771G	-42.86	1

VHT20_Nss1,(MCS0)_1TX **CSENdB**

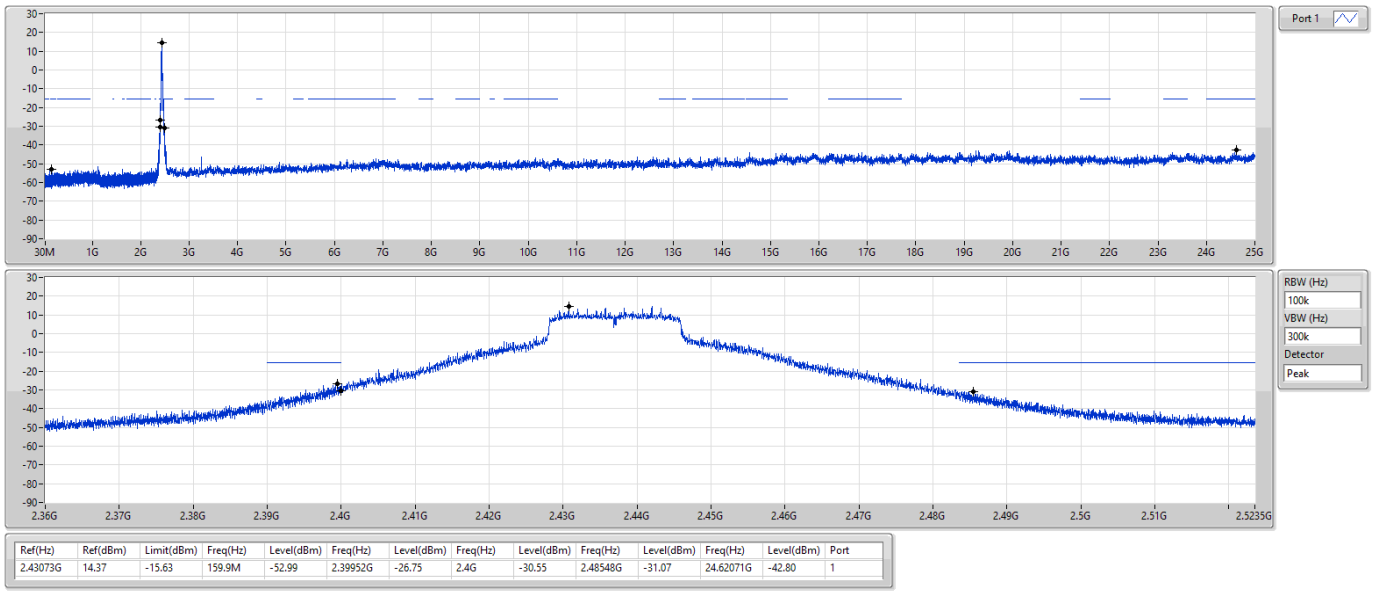
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	14.37	-15.63	159.9M	-52.48	2.39976G	-19.85	2.4G	-22.44	2.49954G	-44.74	24.98033G	-43.41	1

VHT20_Nss1,(MCS0)_1TX **CSENdB**

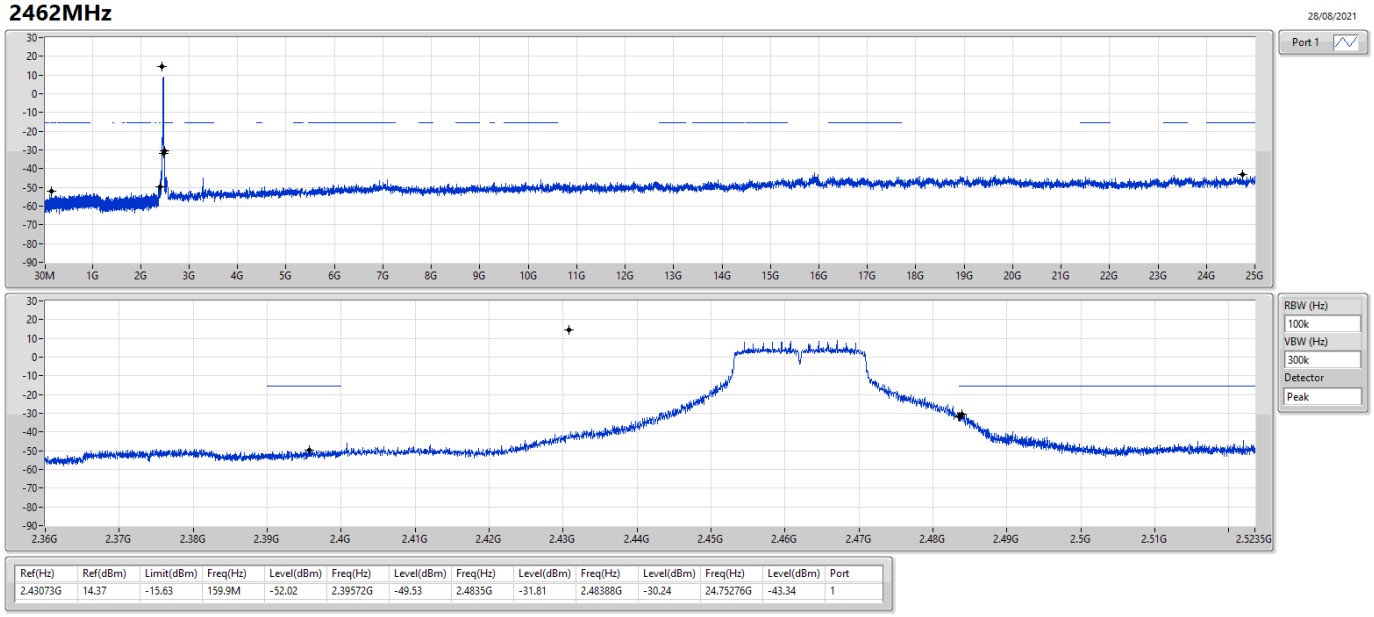
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	14.37	-15.63	159.9M	-52.99	2.39952G	-26.75	2.4G	-30.55	2.48548G	-31.07	24.62071G	-42.80	1

VHT20_Nss1,(MCS0)_1TX **CSENdB**

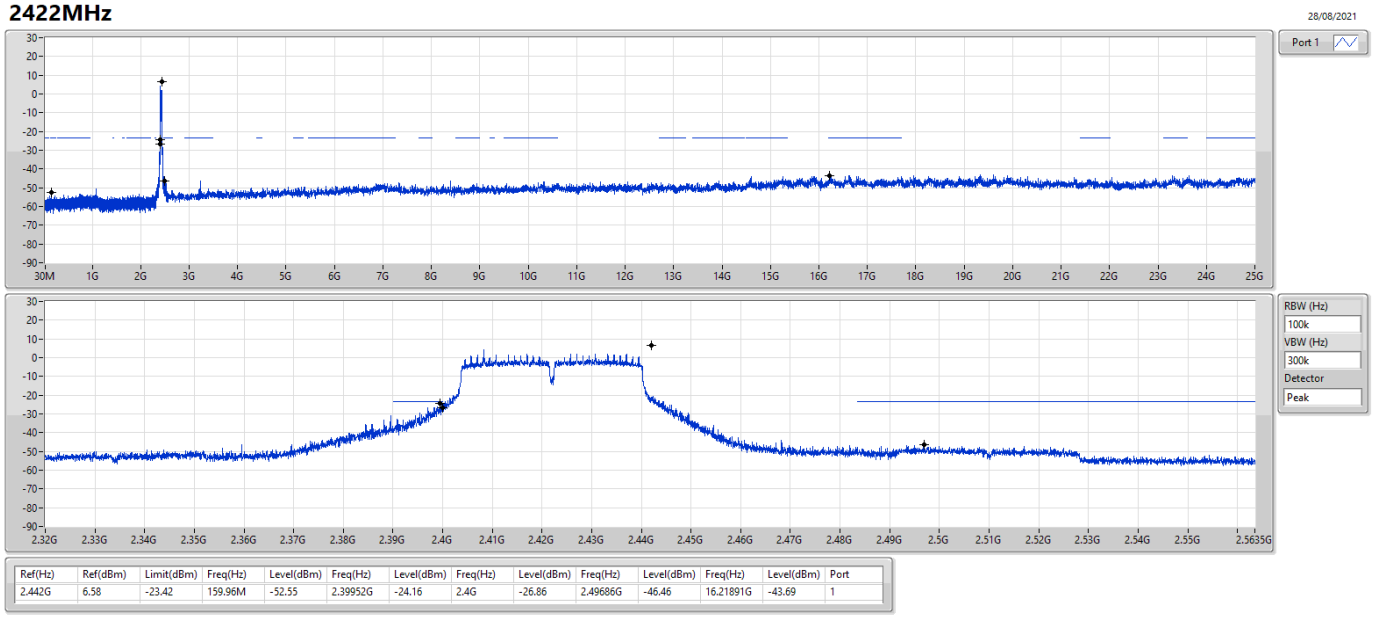
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	14.37	-15.63	159.9M	-52.02	2.39572G	-49.53	2.4835G	-31.81	2.48388G	-30.24	24.75276G	-43.34	1

VHT40_Nss1,(MCS0)_1TX **CSENdB**

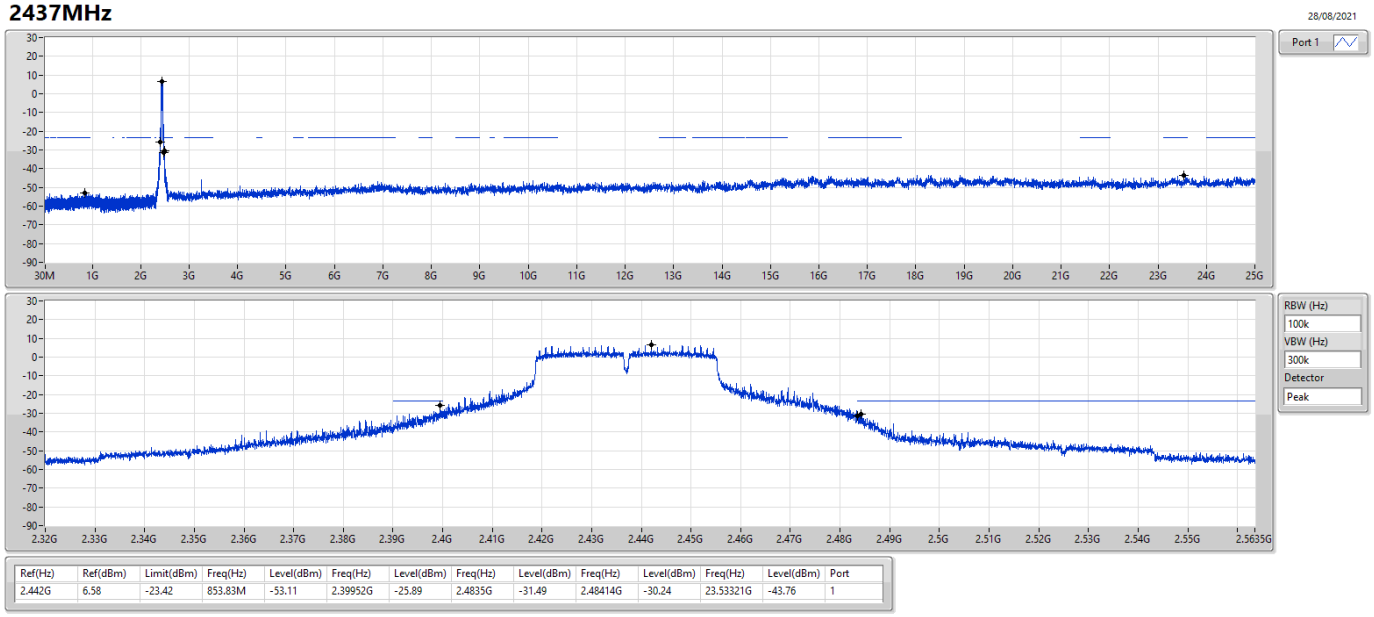
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	6.58	-23.42	159.96M	-52.55	2.39952G	-24.16	2.4G	-26.86	2.49686G	-46.46	16.21891G	-43.69	1

VHT40_Nss1,(MCS0)_1TX **CSENdB**

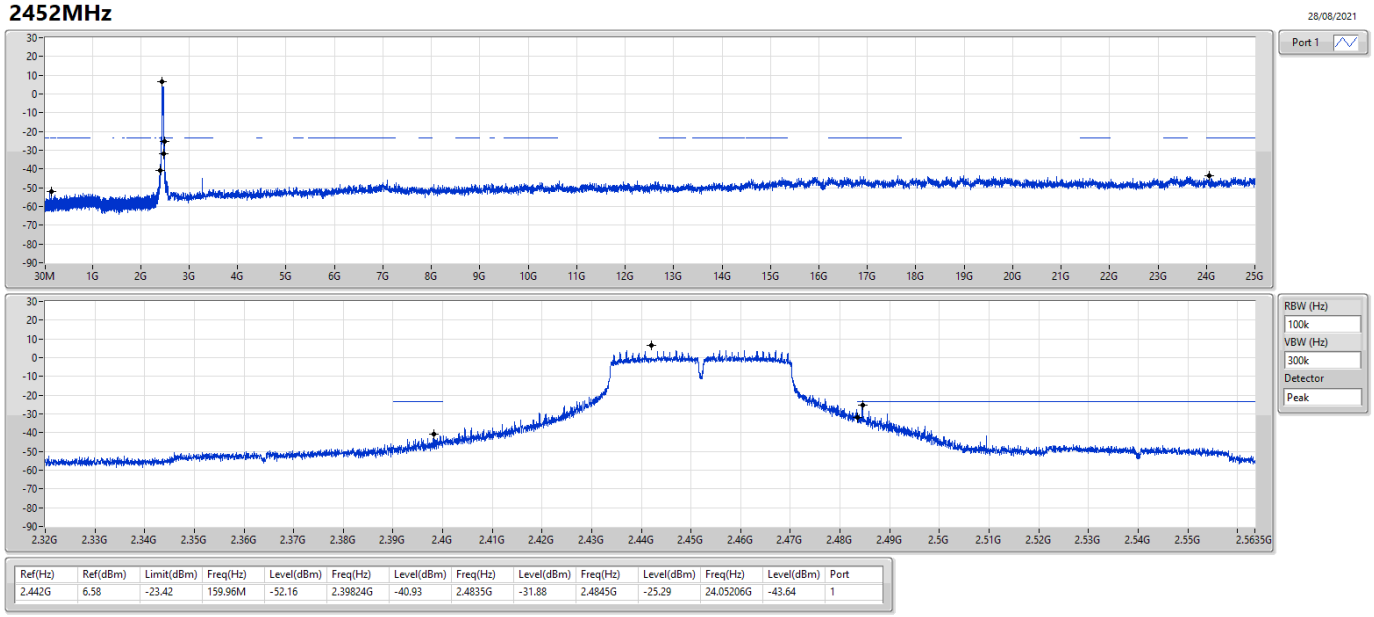
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	6.58	-23.42	853.83M	-53.11	2.39952G	-25.89	2.4835G	-31.49	2.48414G	-30.24	23.53321G	-43.76	1

VHT40_Nss1,(MCS0)_1TX **CSENdB**

2452MHz

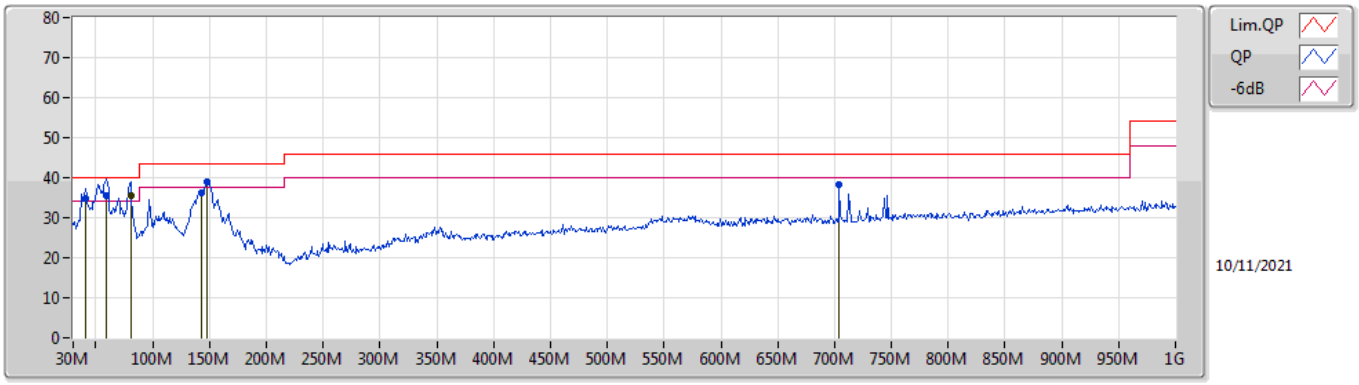


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	6.58	-23.42	159.96M	-52.16	2.39824G	-40.93	2.4835G	-31.88	2.4845G	-25.29	24.05206G	-43.64	1

Summary

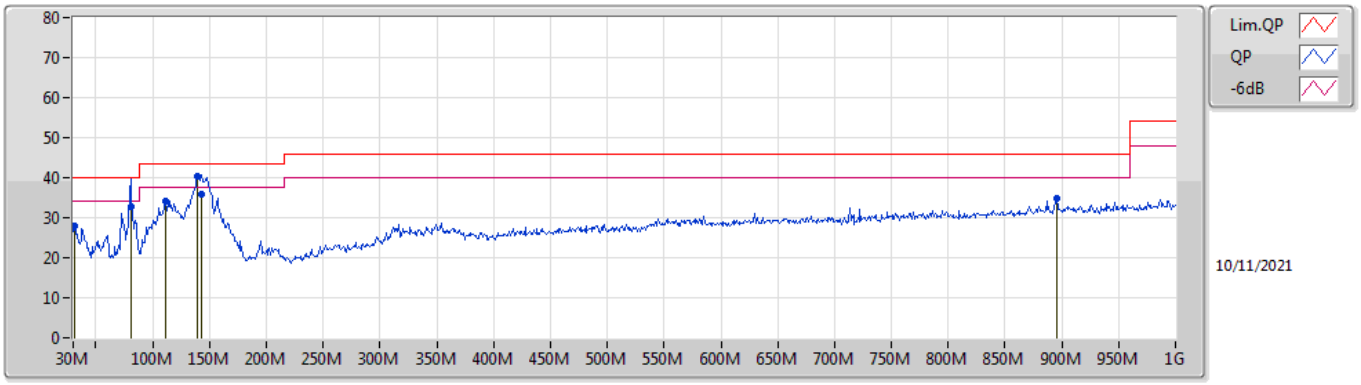
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	139.61M	40.43	43.50	-3.07	Horizontal

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	40.67M	34.68	40.00	-5.32	-12.32	3	Vertical	358	1.00	-	47.00	18.44	0.91	31.67
QP	59.1M	35.66	40.00	-4.34	-18.34	3	Vertical	357	1.25	"Worst"	54.00	12.31	1.18	31.83
Q[	80.44M	35.52	40.00	-4.48	-17.78	3	Vertical	273	1.00	-	53.30	12.83	1.31	31.92
PK	142.52M	36.33	43.50	-7.17	-13.40	3	Vertical	0	1.00	-	49.73	16.75	1.81	31.96
PK	148.34M	39.11	43.50	-4.39	-13.80	3	Vertical	4	1.50	"	52.91	16.32	1.84	31.96
PK	704.15M	38.11	46.00	-7.89	-3.91	3	Vertical	151	2.00	-	42.02	24.53	4.21	32.65

Mode 2



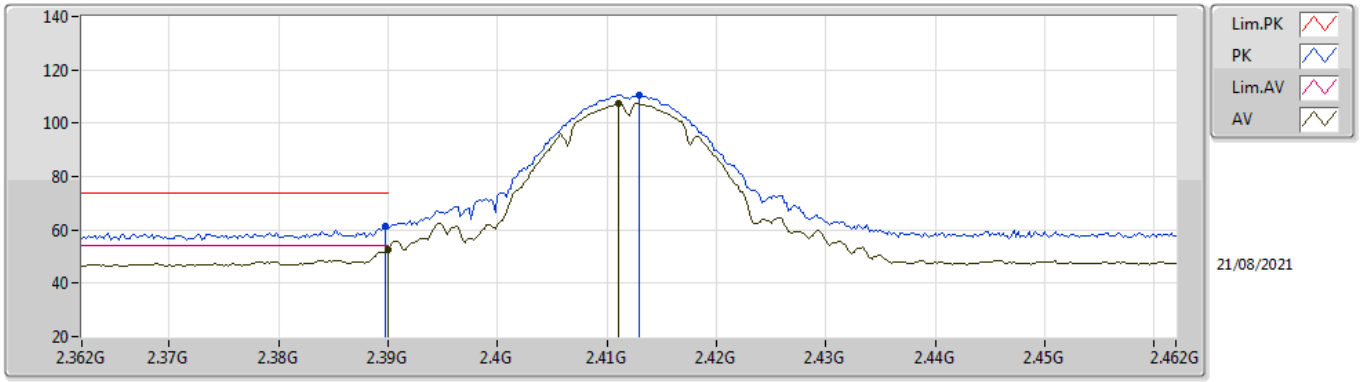
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	27.78	40.00	-12.22	-7.01	3	Horizontal	34	3.00	-	34.79	23.68	0.82	31.51
QP	80.44M	32.72	40.00	-7.28	-17.78	3	Horizontal	64	2.00	-	50.50	12.83	1.31	31.92
PK	111.48M	34.14	43.50	-9.36	-12.65	3	Horizontal	270	3.00	-	46.79	17.70	1.56	31.91
PK	139.61M	40.43	43.50	-3.07	-13.25	3	Horizontal	252	2.00	"Worst"	53.68	16.91	1.80	31.96
QP	143.49M	36.00	43.50	-7.50	-13.50	3	Horizontal	109	2.00	-	49.50	16.64	1.82	31.96
PK	895.24M	34.76	46.00	-11.24	-1.46	3	Horizontal	47	3.00	-	36.22	26.23	4.97	32.66

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.39G	53.92	54.00	-0.08	3	Vertical	236	2.74	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

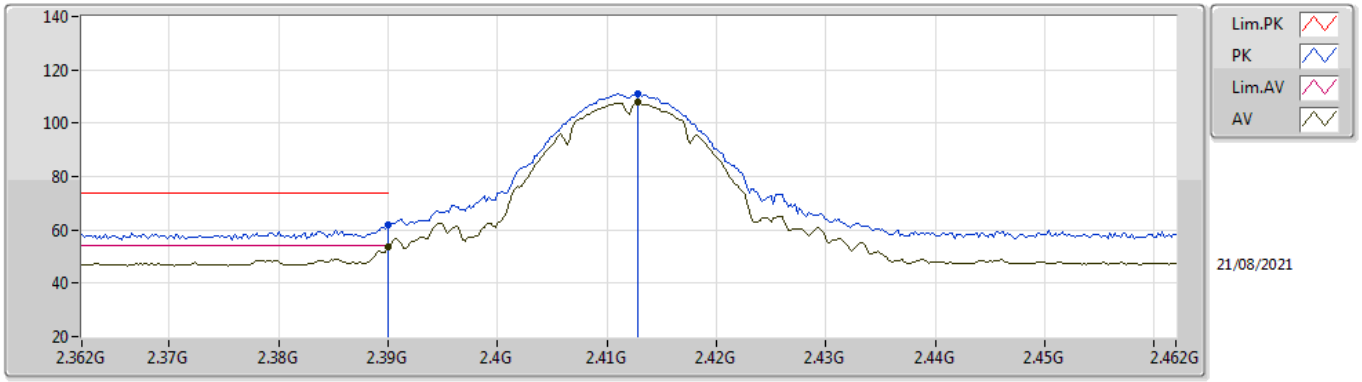


EUT Y_1TX
Setting 22.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	61.47	74.00	-12.53	30.68	3	Vertical	232	2.74	-	28.38	2.41	-
AV	2.39G	52.80	54.00	-1.20	22.01	3	Vertical	232	2.74	-	28.38	2.41	-
PK	2.413G	110.73	Inf	-Inf	79.92	3	Vertical	232	2.74	-	28.40	2.41	-
AV	2.411G	107.23	Inf	-Inf	76.42	3	Vertical	232	2.74	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

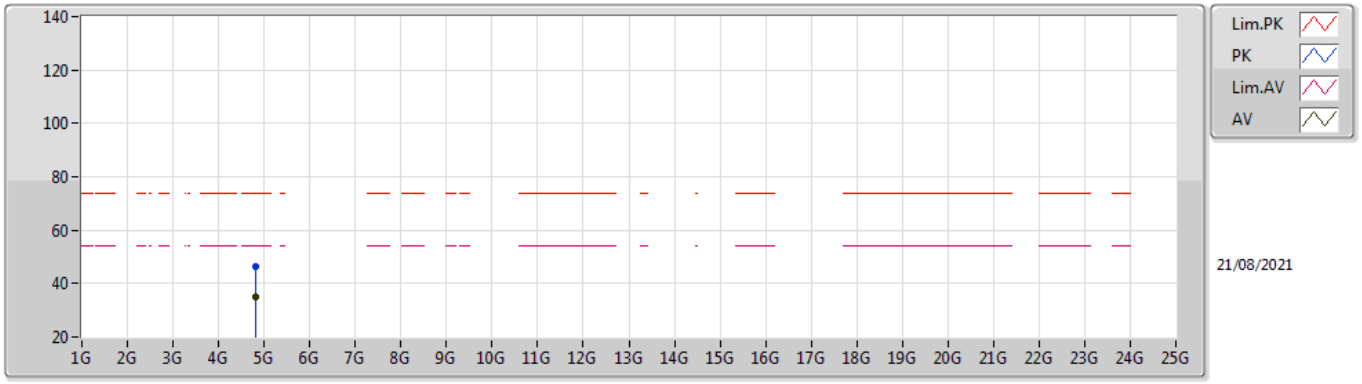


EUT Y_1TX
Setting 22.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	62.01	74.00	-11.99	31.22	3	Horizontal	27	2.49	-	28.38	2.41	-
AV	2.39G	53.37	54.00	-0.63	22.58	3	Horizontal	27	2.49	-	28.38	2.41	-
PK	2.4128G	111.18	Inf	-Inf	80.37	3	Horizontal	27	2.49	-	28.40	2.41	-
AV	2.4128G	107.82	Inf	-Inf	77.01	3	Horizontal	27	2.49	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

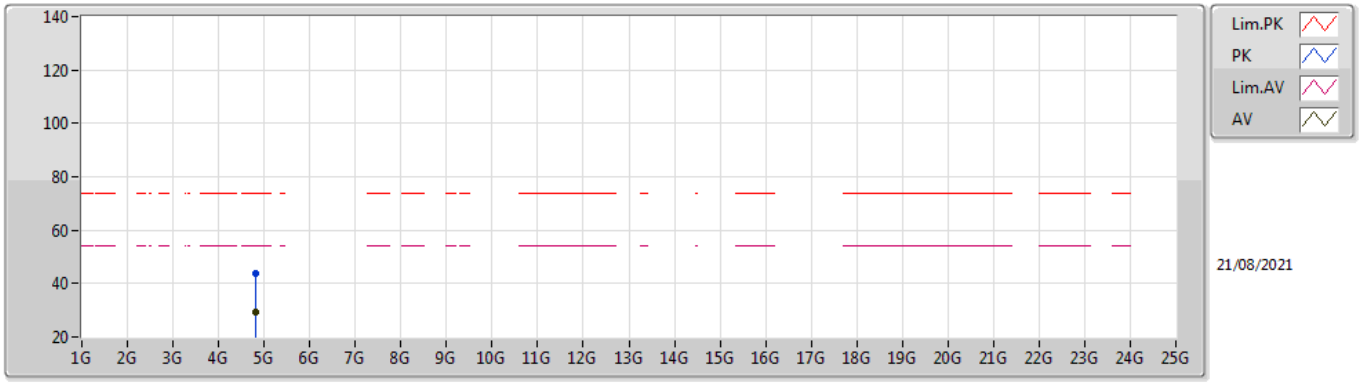


EUT Y_1TX
Setting 22.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82384G	46.14	74.00	-27.86	40.86	3	Vertical	313	1.91	-	32.80	4.70	32.22
AV	4.82396G	35.08	54.00	-18.92	29.80	3	Vertical	313	1.91	-	32.80	4.70	32.22

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

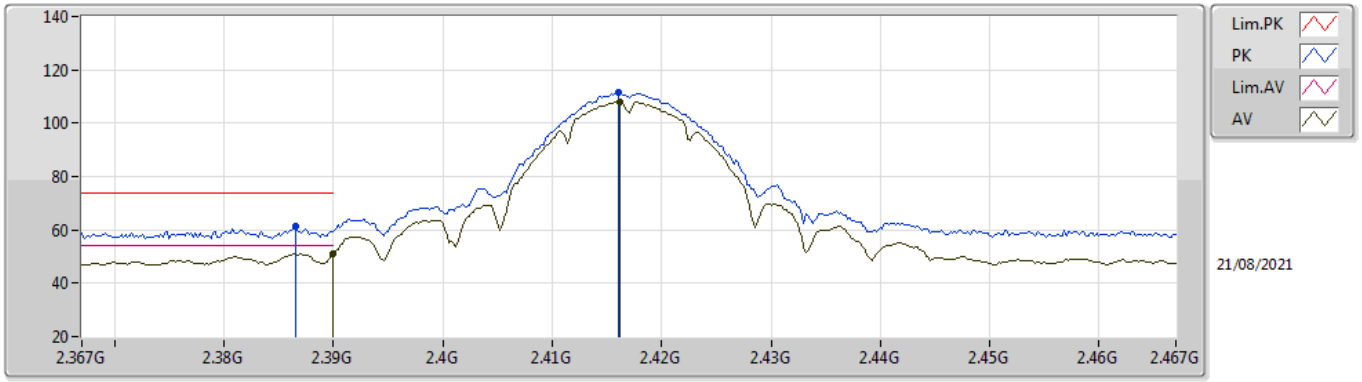


EUT Y_1TX
Setting 22.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82504G	43.80	74.00	-30.20	38.52	3	Horizontal	2	2.32	-	32.80	4.70	32.22
AV	4.82436G	29.32	54.00	-24.68	24.04	3	Horizontal	2	2.32	-	32.80	4.70	32.22

802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

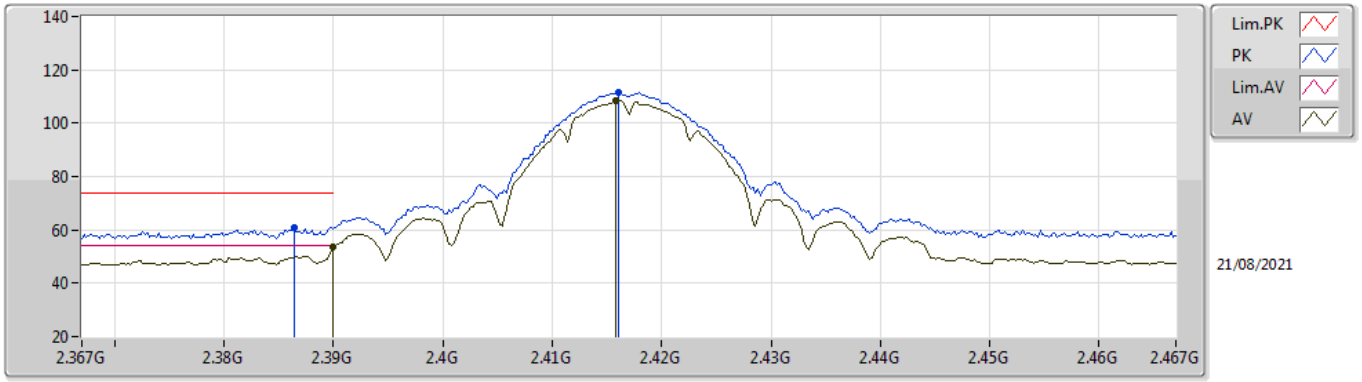


EUT Y_1TX
Setting 23
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3866G	61.19	74.00	-12.81	30.41	3	Vertical	250	2.76	-	28.37	2.41	-
AV	2.39G	51.23	54.00	-2.77	20.44	3	Vertical	250	2.76	-	28.38	2.41	-
PK	2.416G	111.47	Inf	-Inf	80.66	3	Vertical	250	2.76	-	28.40	2.41	-
AV	2.4162G	108.00	Inf	-Inf	77.19	3	Vertical	250	2.76	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

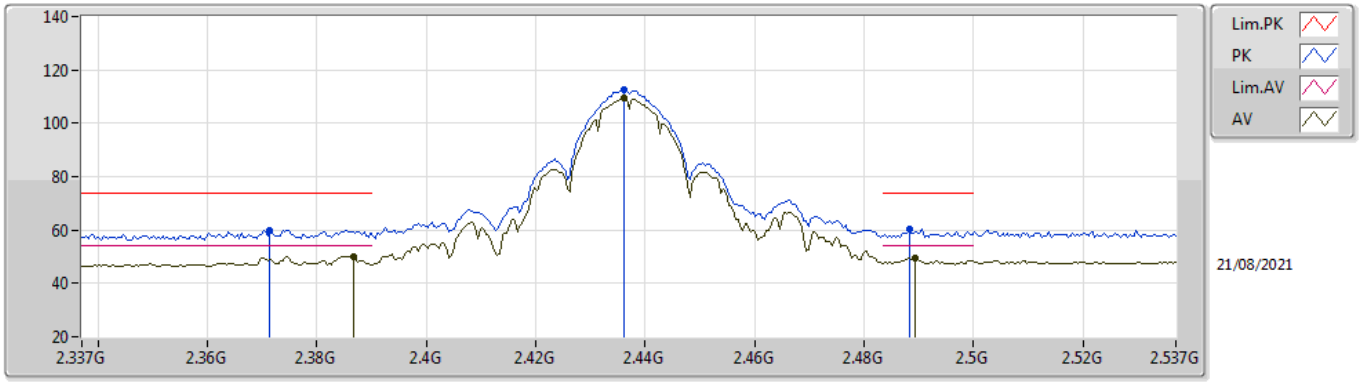


EUT Y_1TX
Setting 23
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3864G	60.96	74.00	-13.04	30.18	3	Horizontal	26	2.48	-	28.37	2.41	-
AV	2.39G	53.59	54.00	-0.41	22.80	3	Horizontal	26	2.48	-	28.38	2.41	-
PK	2.416G	111.67	Inf	-Inf	80.86	3	Horizontal	26	2.48	-	28.40	2.41	-
AV	2.4158G	108.21	Inf	-Inf	77.40	3	Horizontal	26	2.48	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

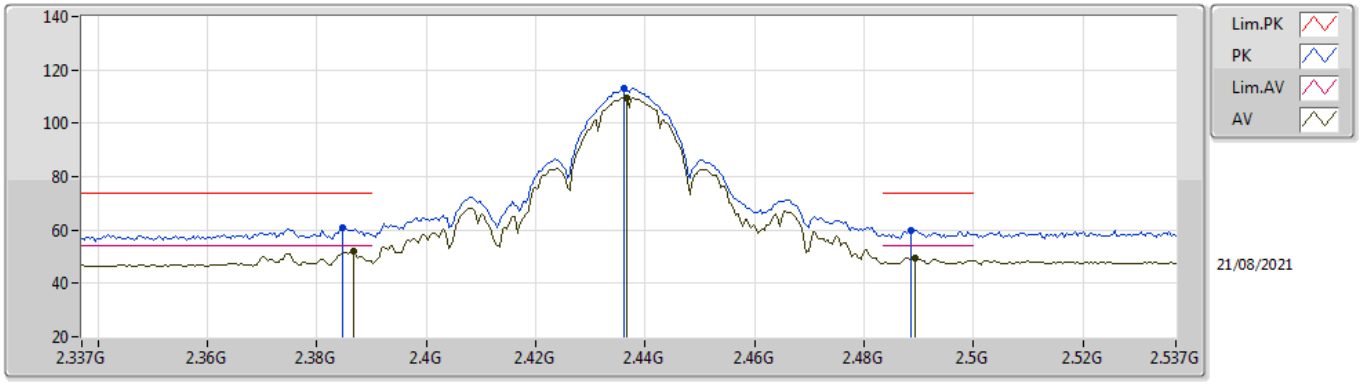


EUT Y_1TX
Setting 29
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3714G	59.81	74.00	-14.19	29.06	3	Vertical	248	2.98	-	28.34	2.41	-
AV	2.3866G	50.21	54.00	-3.79	19.43	3	Vertical	248	2.98	-	28.37	2.41	-
PK	2.4362G	112.76	Inf	-Inf	81.94	3	Vertical	248	2.98	-	28.40	2.42	-
AV	2.4362G	109.39	Inf	-Inf	78.57	3	Vertical	248	2.98	-	28.40	2.42	-
PK	2.4882G	60.21	74.00	-13.79	29.22	3	Vertical	248	2.98	-	28.55	2.44	-
AV	2.4894G	49.64	54.00	-4.36	18.64	3	Vertical	248	2.98	-	28.56	2.44	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

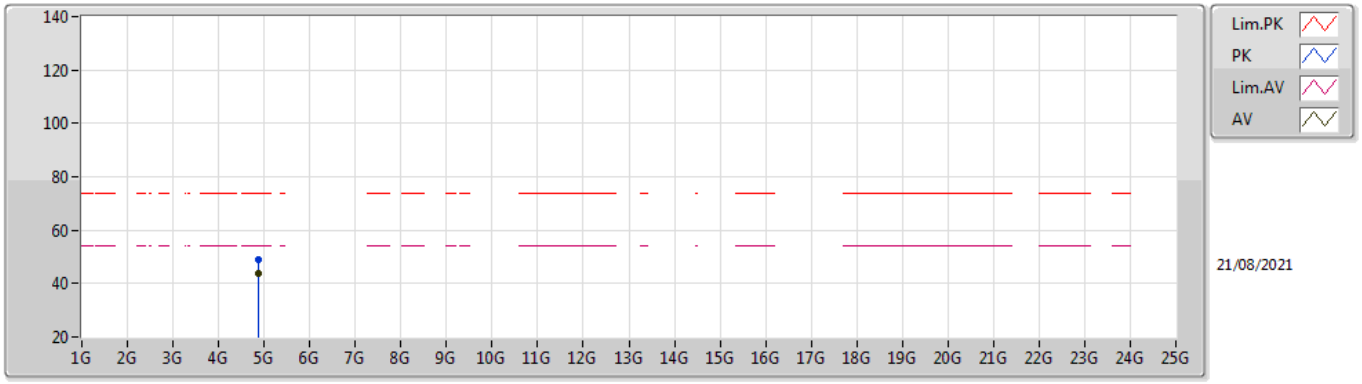


EUT Y_1TX
Setting 29
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3846G	61.01	74.00	-12.99	30.23	3	Horizontal	31	2.21	-	28.37	2.41	-
AV	2.3866G	52.11	54.00	-1.89	21.33	3	Horizontal	31	2.21	-	28.37	2.41	-
PK	2.4362G	113.04	Inf	-Inf	82.22	3	Horizontal	31	2.21	-	28.40	2.42	-
AV	2.4366G	109.70	Inf	-Inf	78.88	3	Horizontal	31	2.21	-	28.40	2.42	-
PK	2.4886G	59.83	74.00	-14.17	28.84	3	Horizontal	31	2.21	-	28.55	2.44	-
AV	2.4894G	49.72	54.00	-4.28	18.72	3	Horizontal	31	2.21	-	28.56	2.44	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

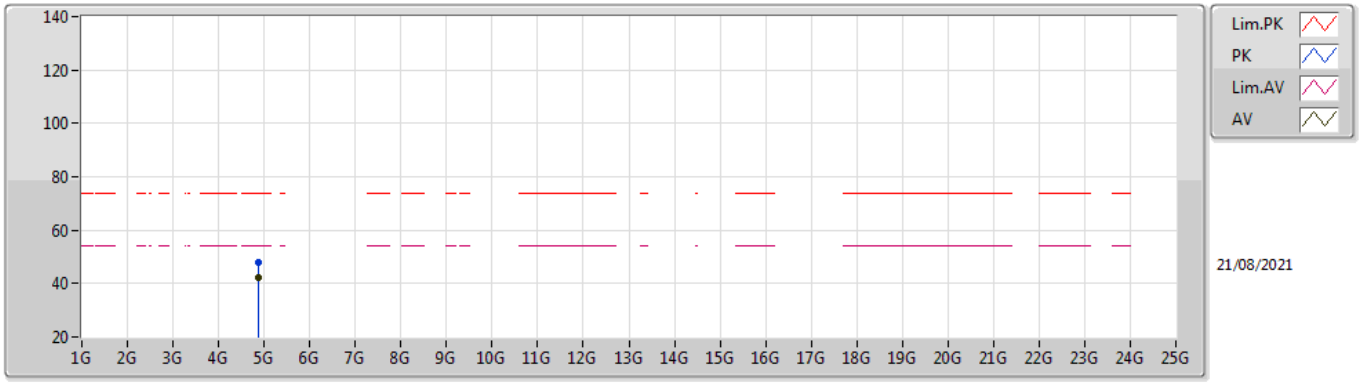


EUT Y_1TX
Setting 29
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87398G	49.22	74.00	-24.78	43.78	3	Vertical	312	1.80	-	32.95	4.70	32.21
AV	4.87396G	43.79	54.00	-10.21	38.35	3	Vertical	312	1.80	-	32.95	4.70	32.21

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

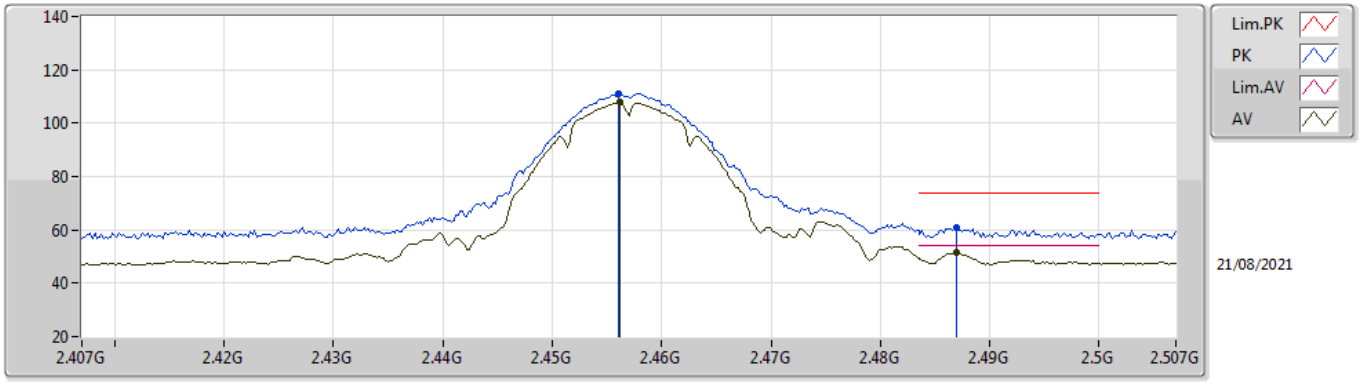


EUT Y_1TX
Setting 29
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87393G	47.89	74.00	-26.11	42.45	3	Horizontal	31	2.72	-	32.95	4.70	32.21
AV	4.8739G	42.01	54.00	-11.99	36.57	3	Horizontal	31	2.72	-	32.95	4.70	32.21

802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

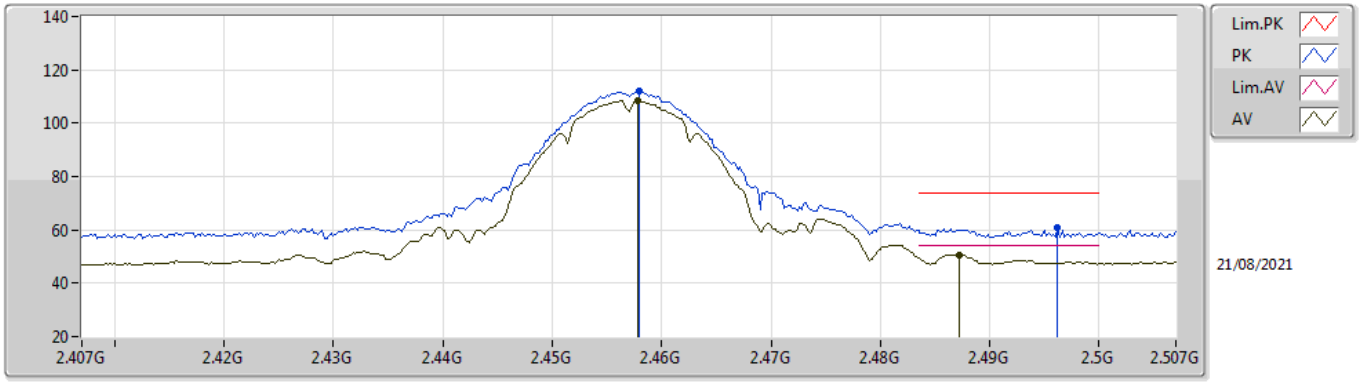


EUT Y_1TX
Setting 22
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.456G	111.09	Inf	-Inf	80.24	3	Vertical	247	2.69	-	28.42	2.43	-
AV	2.4562G	107.70	Inf	-Inf	76.85	3	Vertical	247	2.69	-	28.42	2.43	-
PK	2.487G	60.71	74.00	-13.29	29.72	3	Vertical	247	2.69	-	28.55	2.44	-
AV	2.487G	51.67	54.00	-2.33	20.68	3	Vertical	247	2.69	-	28.55	2.44	-

802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

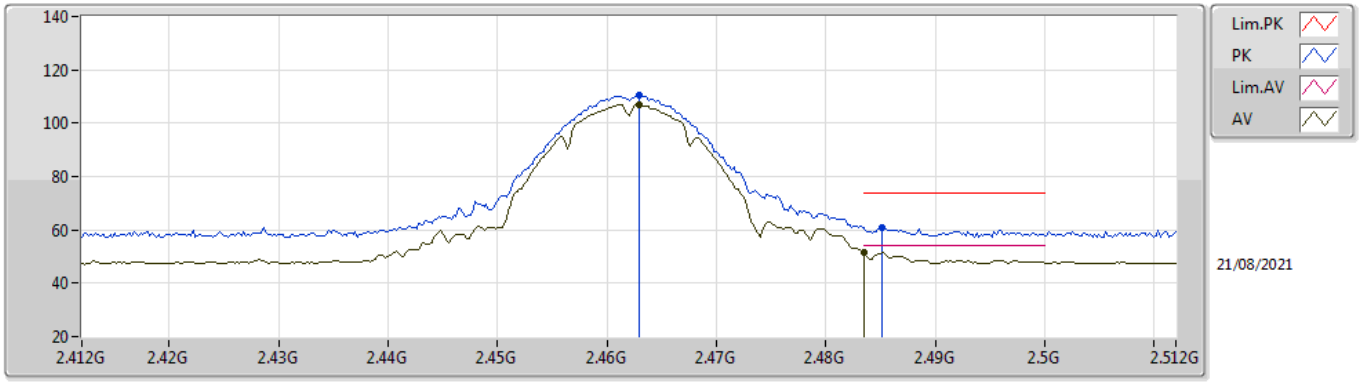


EUT Y_1TX
Setting 22
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.458G	111.88	Inf	-Inf	81.02	3	Horizontal	39	2.39	-	28.43	2.43	-
AV	2.4578G	108.62	Inf	-Inf	77.76	3	Horizontal	39	2.39	-	28.43	2.43	-
PK	2.4962G	60.77	74.00	-13.23	29.74	3	Horizontal	39	2.39	-	28.58	2.45	-
AV	2.4872G	50.73	54.00	-3.27	19.74	3	Horizontal	39	2.39	-	28.55	2.44	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

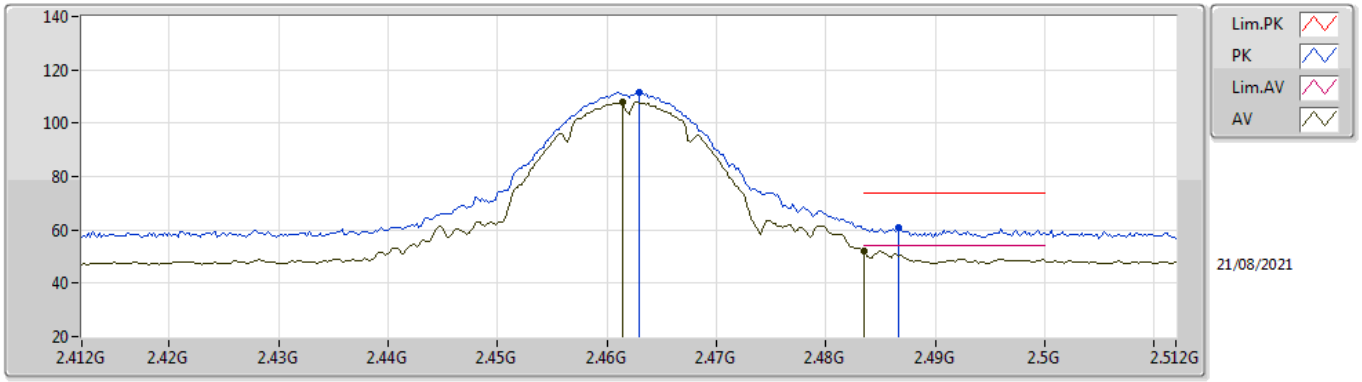


EUT Y_1TX
Setting 21
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	110.48	Inf	-Inf	79.60	3	Vertical	99	2.40	-	28.45	2.43	-
AV	2.463G	107.15	Inf	-Inf	76.27	3	Vertical	99	2.40	-	28.45	2.43	-
PK	2.4852G	61.03	74.00	-12.97	30.05	3	Vertical	99	2.40	-	28.54	2.44	-
AV	2.4835G	51.65	54.00	-2.35	20.68	3	Vertical	99	2.40	-	28.53	2.44	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

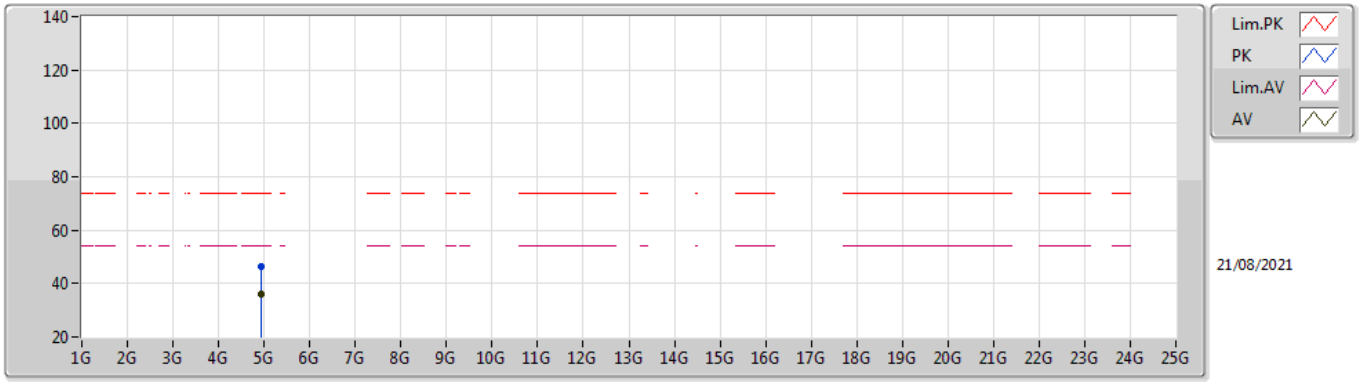


EUT Y_1TX
Setting 21
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	111.49	Inf	-Inf	80.61	3	Horizontal	35	2.38	-	28.45	2.43	-
AV	2.4614G	108.05	Inf	-Inf	77.17	3	Horizontal	35	2.38	-	28.45	2.43	-
PK	2.4866G	60.69	74.00	-13.31	29.70	3	Horizontal	35	2.38	-	28.55	2.44	-
AV	2.4835G	52.14	54.00	-1.86	21.17	3	Horizontal	35	2.38	-	28.53	2.44	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

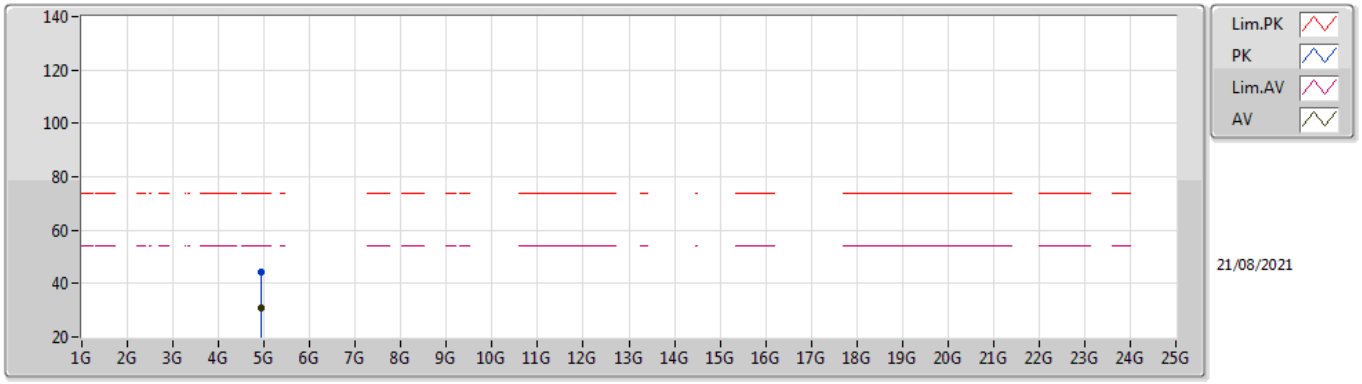


EUT Y_1TX
Setting 21
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92512G	46.36	74.00	-27.64	40.70	3	Vertical	285	2.57	-	33.15	4.70	32.19
AV	4.92894G	35.91	54.00	-18.09	30.23	3	Vertical	285	2.57	-	33.17	4.70	32.19

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

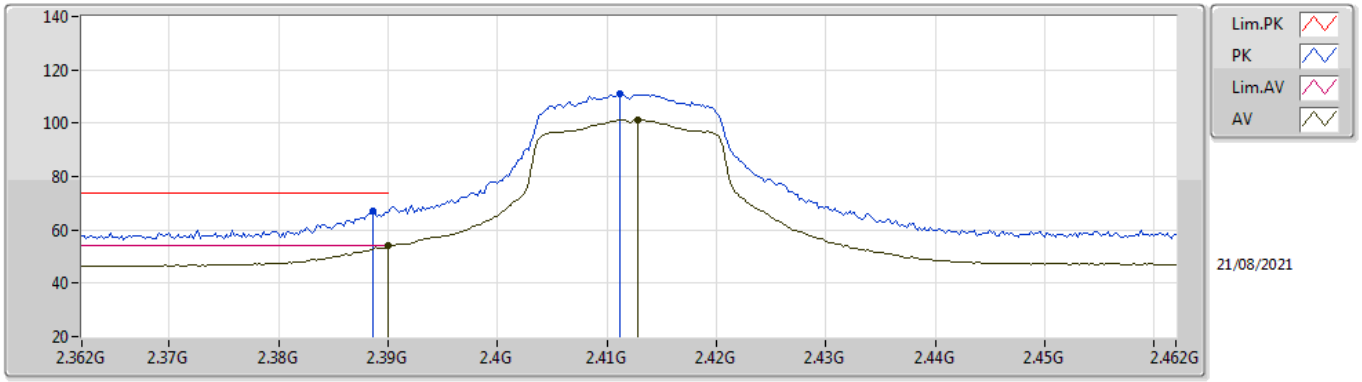


EUT Y_1TX
Setting 21
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92766G	44.19	74.00	-29.81	38.51	3	Horizontal	31	1.00	-	33.17	4.70	32.19
AV	4.92844G	31.02	54.00	-22.98	25.34	3	Horizontal	31	1.00	-	33.17	4.70	32.19

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

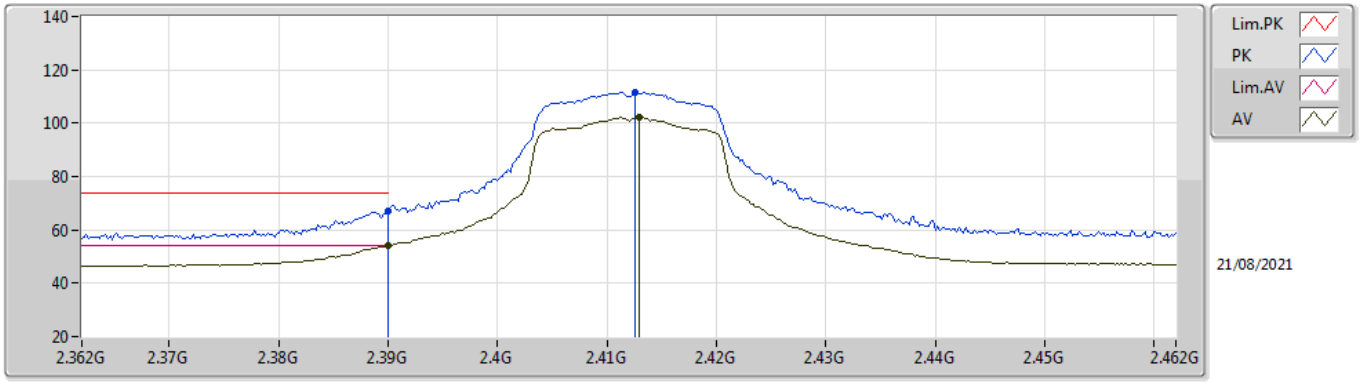


EUT Y_1TX
Setting 20.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	66.97	74.00	-7.03	36.18	3	Vertical	236	2.74	-	28.38	2.41	-
AV	2.39G	53.92	54.00	-0.08	23.13	3	Vertical	236	2.74	-	28.38	2.41	-
PK	2.4112G	110.79	Inf	-Inf	79.98	3	Vertical	236	2.74	-	28.40	2.41	-
AV	2.4128G	101.37	Inf	-Inf	70.56	3	Vertical	236	2.74	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

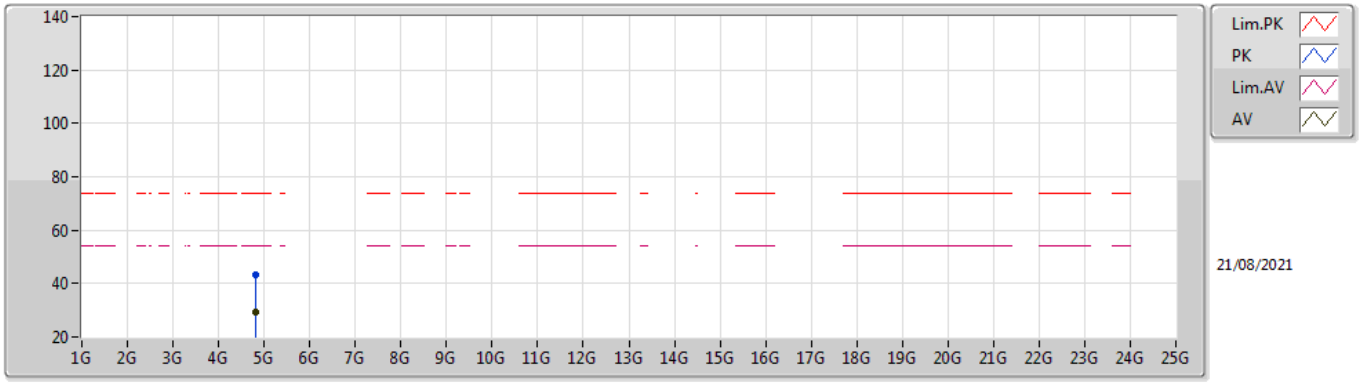


EUT Y_1TX
Setting 20.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	67.25	74.00	-6.75	36.46	3	Horizontal	28	2.48	-	28.38	2.41	-
AV	2.39G	53.91	54.00	-0.09	23.12	3	Horizontal	28	2.48	-	28.38	2.41	-
PK	2.4126G	111.60	Inf	-Inf	80.79	3	Horizontal	28	2.48	-	28.40	2.41	-
AV	2.413G	102.09	Inf	-Inf	71.28	3	Horizontal	28	2.48	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

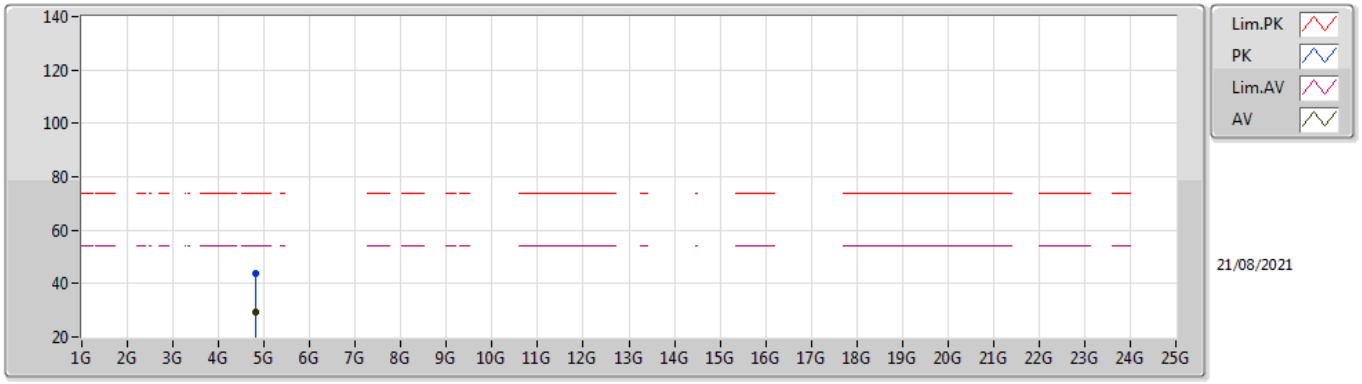


EUT Y_1TX
Setting 20.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82632G	43.34	74.00	-30.66	38.05	3	Vertical	150	1.69	-	32.81	4.70	32.22
AV	4.82282G	29.32	54.00	-24.68	24.05	3	Vertical	150	1.69	-	32.79	4.70	32.22

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

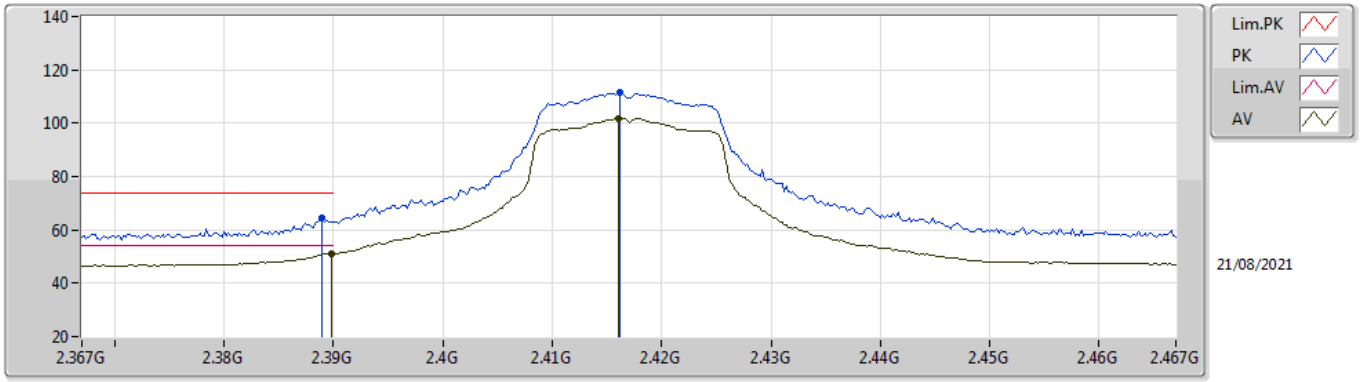


EUT Y_1TX
Setting 20.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82568G	43.69	74.00	-30.31	38.41	3	Horizontal	268	1.20	-	32.80	4.70	32.22
AV	4.82382G	29.30	54.00	-24.70	24.02	3	Horizontal	268	1.20	-	32.80	4.70	32.22

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

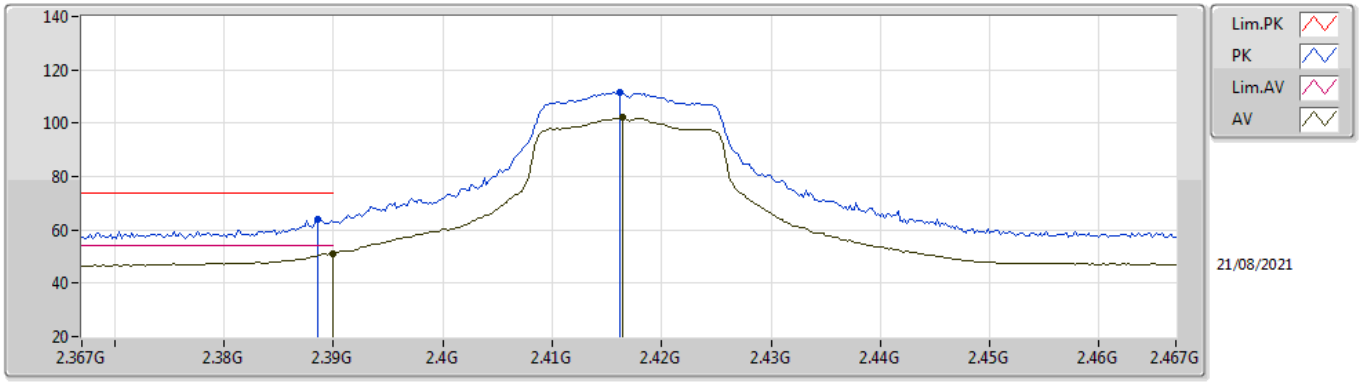


EUT Y_1TX
Setting 20.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	64.28	74.00	-9.72	33.49	3	Vertical	249	2.74	-	28.38	2.41	-
AV	2.3898G	51.23	54.00	-2.77	20.44	3	Vertical	249	2.74	-	28.38	2.41	-
PK	2.4162G	111.44	Inf	-Inf	80.63	3	Vertical	249	2.74	-	28.40	2.41	-
AV	2.416G	101.79	Inf	-Inf	70.98	3	Vertical	249	2.74	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

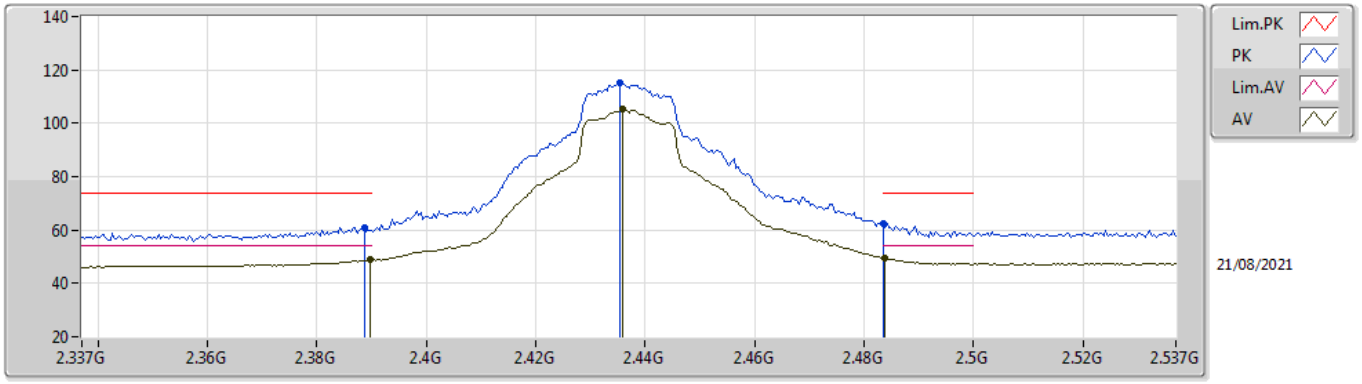


EUT Y_1TX
Setting 20.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	63.91	74.00	-10.09	33.12	3	Horizontal	24	2.49	-	28.38	2.41	-
AV	2.39G	51.19	54.00	-2.81	20.40	3	Horizontal	24	2.49	-	28.38	2.41	-
PK	2.4162G	111.66	Inf	-Inf	80.85	3	Horizontal	24	2.49	-	28.40	2.41	-
AV	2.4164G	102.06	Inf	-Inf	71.25	3	Horizontal	24	2.49	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

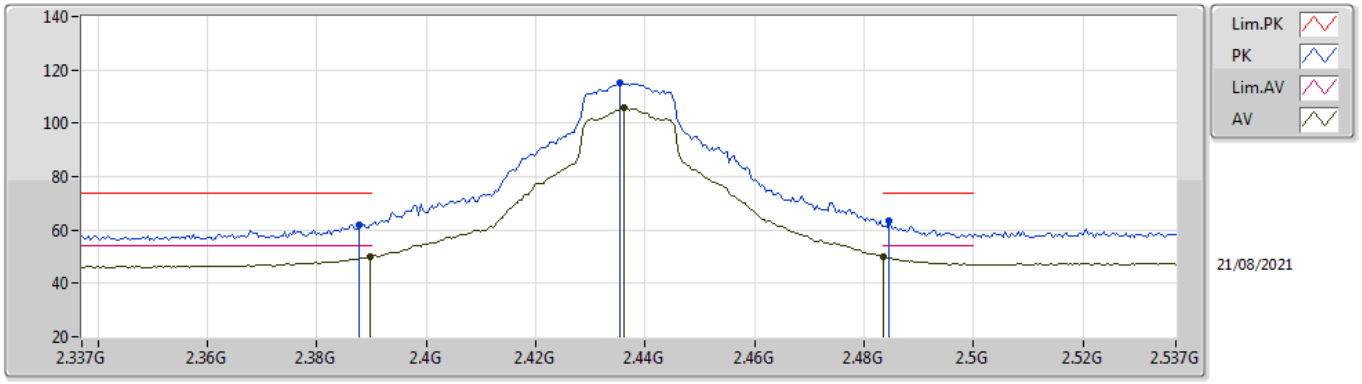


EUT Y_1TX
Setting 30
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	61.08	74.00	-12.92	30.29	3	Vertical	247	2.98	-	28.38	2.41	-
AV	2.3898G	49.00	54.00	-5.00	18.21	3	Vertical	247	2.98	-	28.38	2.41	-
PK	2.4354G	115.01	Inf	-Inf	84.19	3	Vertical	247	2.98	-	28.40	2.42	-
AV	2.4358G	105.28	Inf	-Inf	74.46	3	Vertical	247	2.98	-	28.40	2.42	-
PK	2.4835G	62.60	74.00	-11.40	31.63	3	Vertical	247	2.98	-	28.53	2.44	-
AV	2.4838G	49.52	54.00	-4.48	18.54	3	Vertical	247	2.98	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

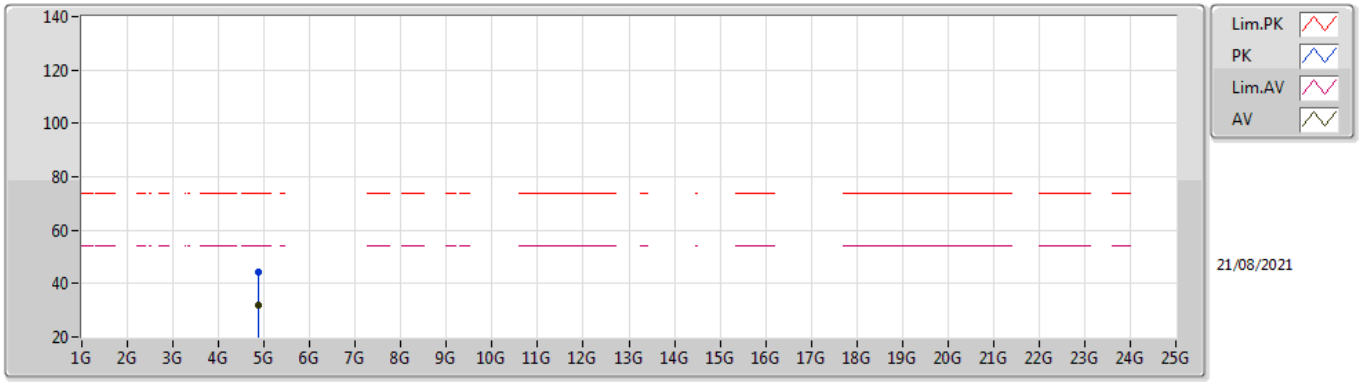


EUT Y_1TX
Setting 30
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	62.10	74.00	-11.90	31.31	3	Horizontal	39	2.20	-	28.38	2.41	-
AV	2.3898G	50.17	54.00	-3.83	19.38	3	Horizontal	39	2.20	-	28.38	2.41	-
PK	2.4354G	115.03	Inf	-Inf	84.21	3	Horizontal	39	2.20	-	28.40	2.42	-
AV	2.4362G	105.75	Inf	-Inf	74.93	3	Horizontal	39	2.20	-	28.40	2.42	-
PK	2.4846G	63.48	74.00	-10.52	32.50	3	Horizontal	39	2.20	-	28.54	2.44	-
AV	2.4835G	50.09	54.00	-3.91	19.12	3	Horizontal	39	2.20	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

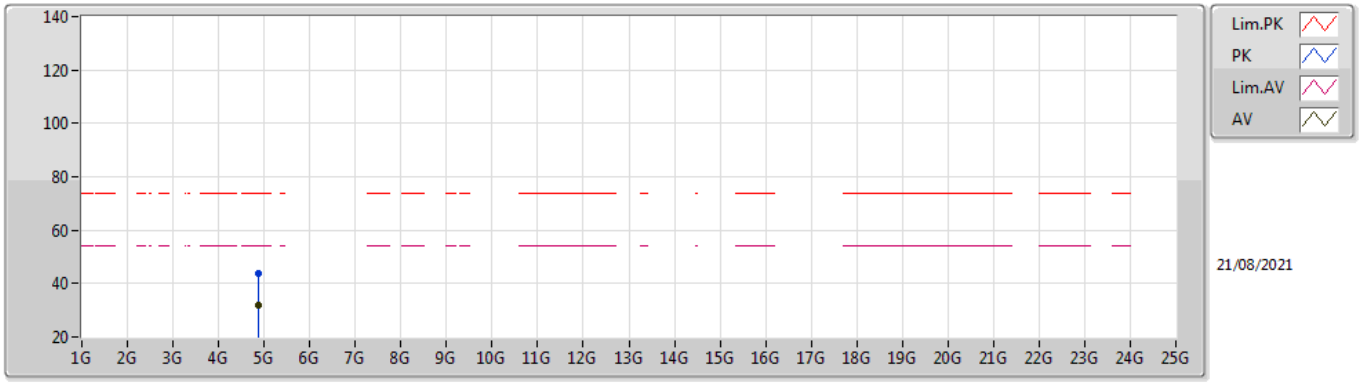


EUT Y_1TX
Setting 30
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87366G	44.47	74.00	-29.53	39.03	3	Vertical	39	2.61	-	32.95	4.70	32.21
AV	4.87396G	32.12	54.00	-21.88	26.68	3	Vertical	39	2.61	-	32.95	4.70	32.21

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

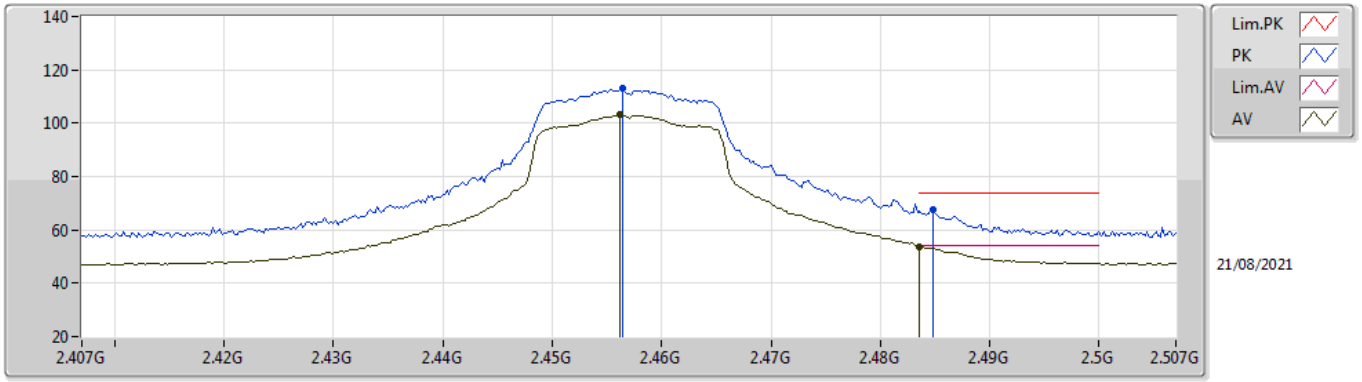


EUT Y_1TX
Setting 30
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87416G	43.78	74.00	-30.22	38.34	3	Horizontal	318	1.00	-	32.95	4.70	32.21
AV	4.87396G	32.15	54.00	-21.85	26.71	3	Horizontal	318	1.00	-	32.95	4.70	32.21

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

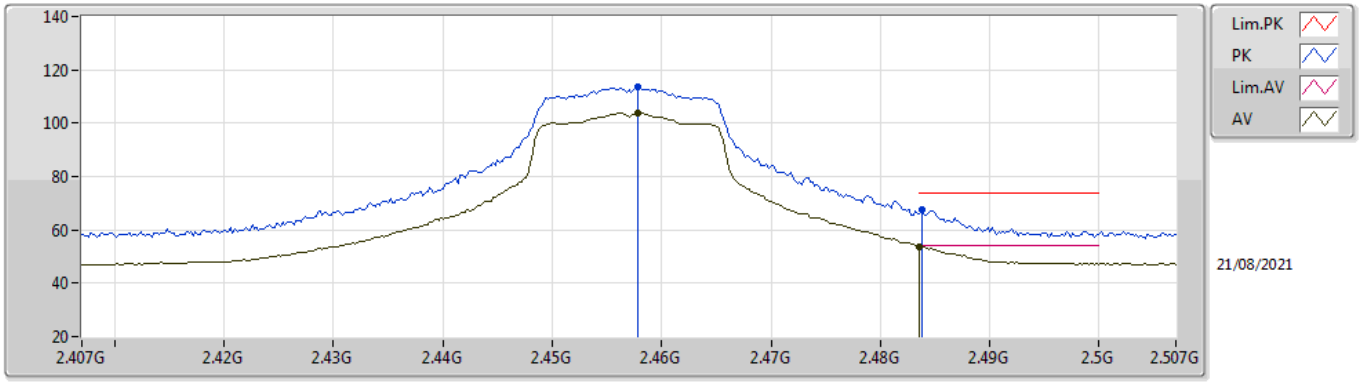


EUT Y_1TX
Setting 21
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4564G	113.18	Inf	-Inf	82.32	3	Vertical	247	2.67	-	28.43	2.43	-
AV	2.4562G	103.23	Inf	-Inf	72.38	3	Vertical	247	2.67	-	28.42	2.43	-
PK	2.4848G	67.49	74.00	-6.51	36.51	3	Vertical	247	2.67	-	28.54	2.44	-
AV	2.4835G	53.76	54.00	-0.24	22.79	3	Vertical	247	2.67	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

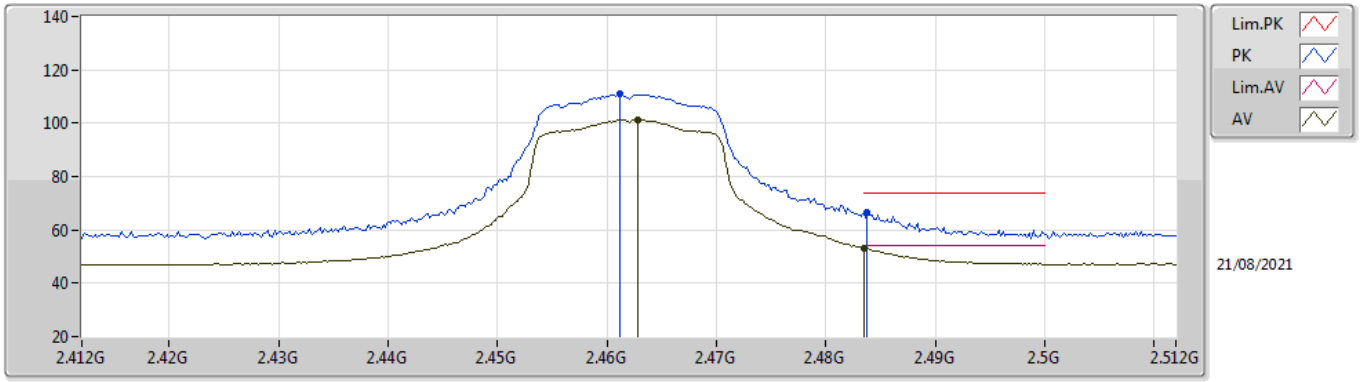


EUT Y_1TX
Setting 21
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4578G	113.59	Inf	-Inf	82.73	3	Horizontal	36	2.40	-	28.43	2.43	-
AV	2.4578G	103.72	Inf	-Inf	72.86	3	Horizontal	36	2.40	-	28.43	2.43	-
PK	2.4838G	67.36	74.00	-6.64	36.38	3	Horizontal	36	2.40	-	28.54	2.44	-
AV	2.4835G	53.83	54.00	-0.17	22.86	3	Horizontal	36	2.40	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

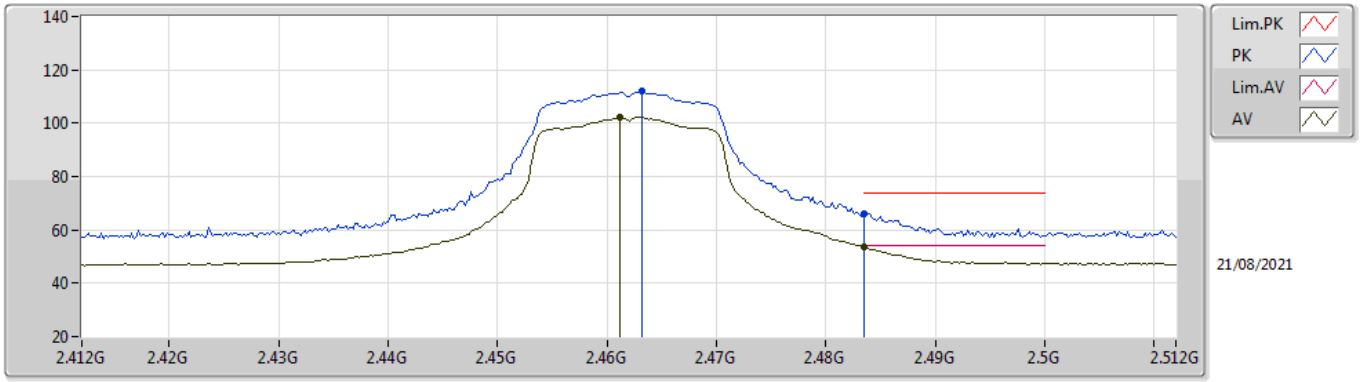


EUT Y_1TX
Setting 19.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4612G	110.94	Inf	-Inf	80.07	3	Vertical	98	2.38	-	28.44	2.43	-
AV	2.4628G	101.43	Inf	-Inf	70.55	3	Vertical	98	2.38	-	28.45	2.43	-
PK	2.4838G	66.54	74.00	-7.46	35.56	3	Vertical	98	2.38	-	28.54	2.44	-
AV	2.4835G	53.23	54.00	-0.77	22.26	3	Vertical	98	2.38	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

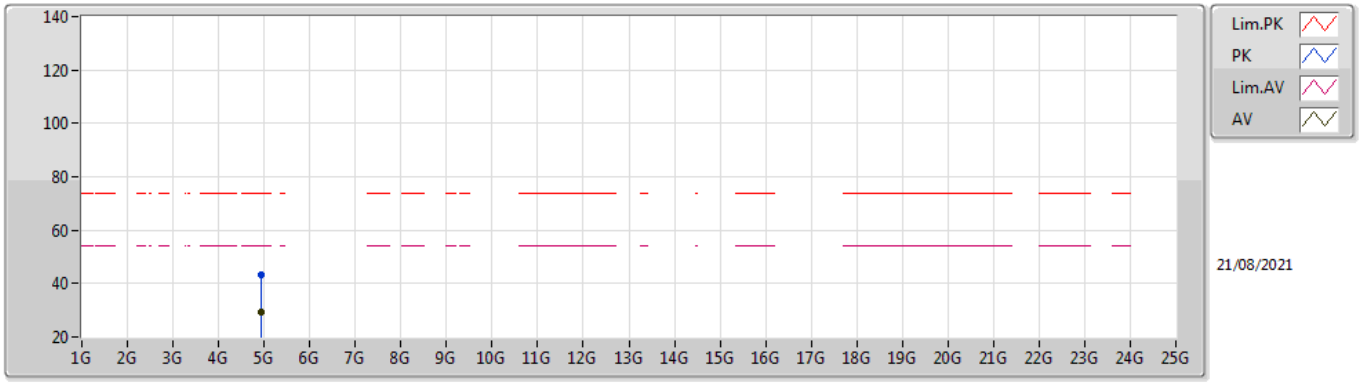


EUT Y_1TX
Setting 19.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4632G	111.90	Inf	-Inf	81.02	3	Horizontal	30	2.39	-	28.45	2.43	-
AV	2.4612G	102.17	Inf	-Inf	71.30	3	Horizontal	30	2.39	-	28.44	2.43	-
PK	2.4835G	66.21	74.00	-7.79	35.24	3	Horizontal	30	2.39	-	28.53	2.44	-
AV	2.4835G	53.42	54.00	-0.58	22.45	3	Horizontal	30	2.39	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

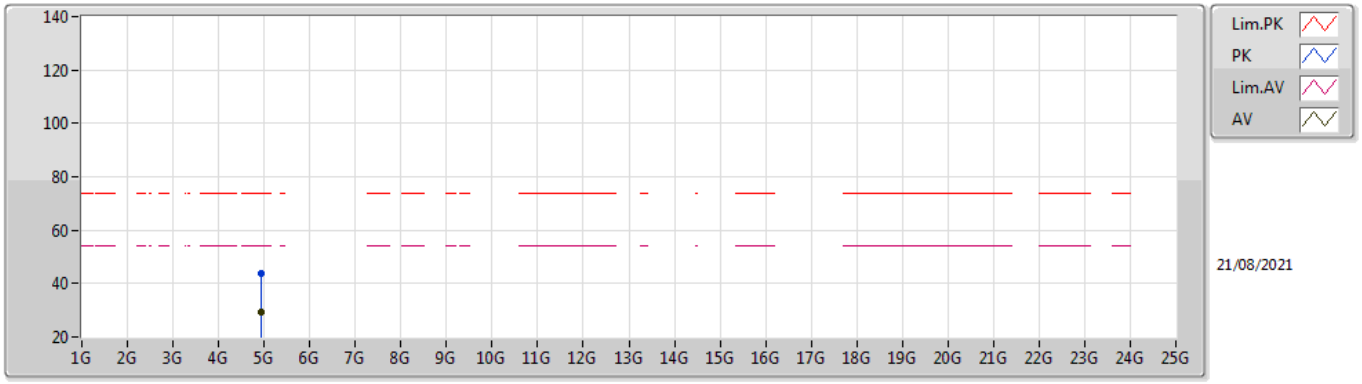


EUT Y_1TX
Setting 19.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92708G	43.19	74.00	-30.81	37.52	3	Vertical	227	2.47	-	33.16	4.70	32.19
AV	4.92522G	29.11	54.00	-24.89	23.45	3	Vertical	227	2.47	-	33.15	4.70	32.19

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

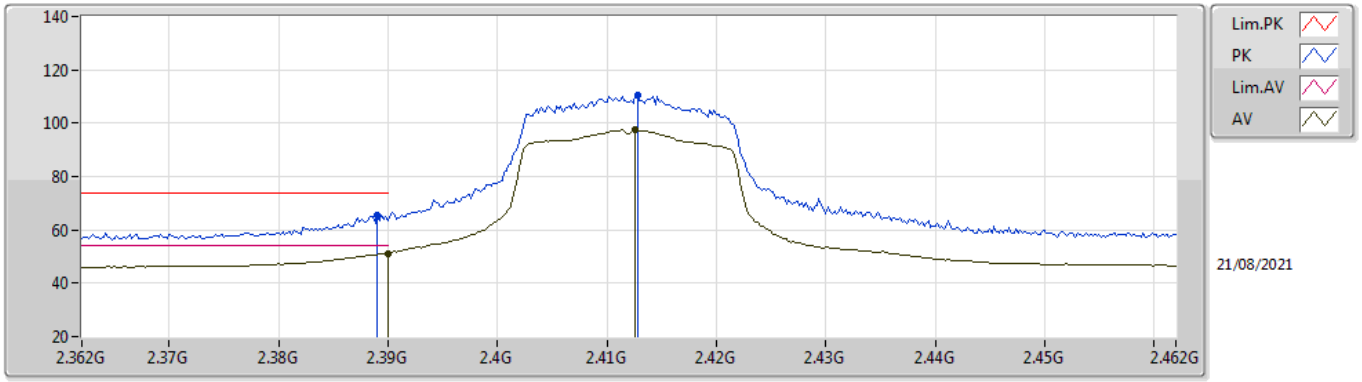


EUT Y_1TX
Setting 19.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92782G	44.00	74.00	-30.00	38.32	3	Horizontal	279	2.72	-	33.17	4.70	32.19
AV	4.92698G	29.14	54.00	-24.86	23.47	3	Horizontal	279	2.72	-	33.16	4.70	32.19

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

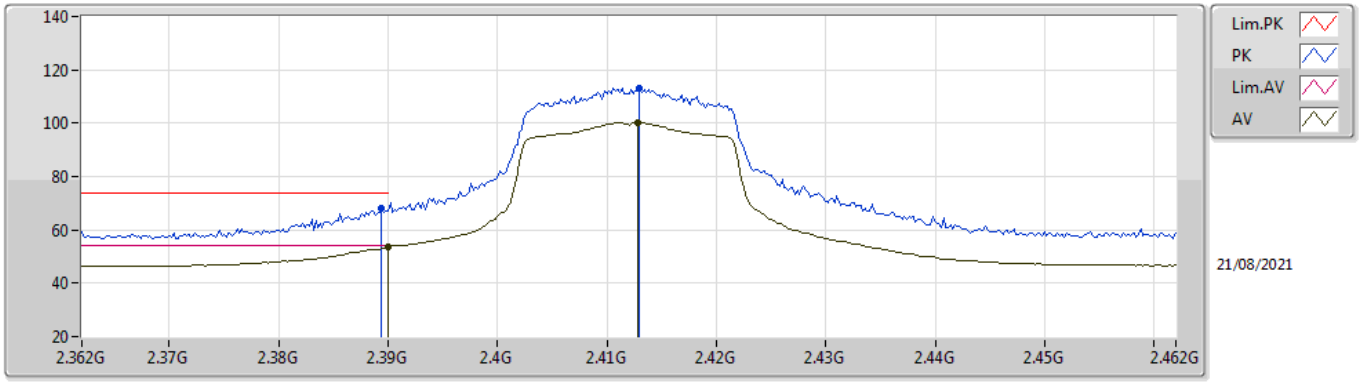


EUT Y_1TX
Setting 20
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	65.63	74.00	-8.37	34.84	3	Vertical	270	2.98	-	28.38	2.41	-
AV	2.39G	51.24	54.00	-2.76	20.45	3	Vertical	270	2.98	-	28.38	2.41	-
PK	2.4128G	110.47	Inf	-Inf	79.66	3	Vertical	270	2.98	-	28.40	2.41	-
AV	2.4126G	97.40	Inf	-Inf	66.59	3	Vertical	270	2.98	-	28.40	2.41	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

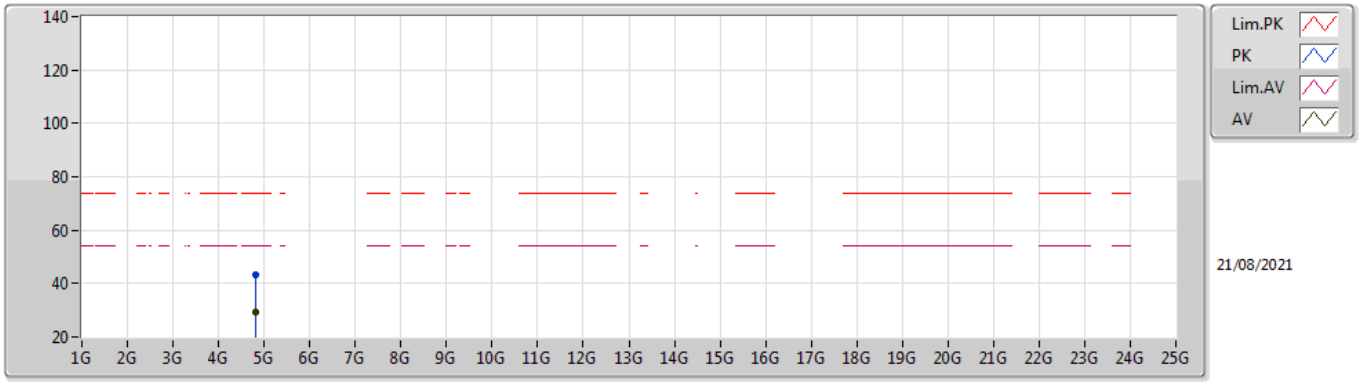


EUT Y_1TX
Setting 20
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	68.08	74.00	-5.92	37.29	3	Horizontal	48	2.50	-	28.38	2.41	-
AV	2.39G	53.38	54.00	-0.62	22.59	3	Horizontal	48	2.50	-	28.38	2.41	-
PK	2.413G	113.16	Inf	-Inf	82.35	3	Horizontal	48	2.50	-	28.40	2.41	-
AV	2.4128G	100.26	Inf	-Inf	69.45	3	Horizontal	48	2.50	-	28.40	2.41	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

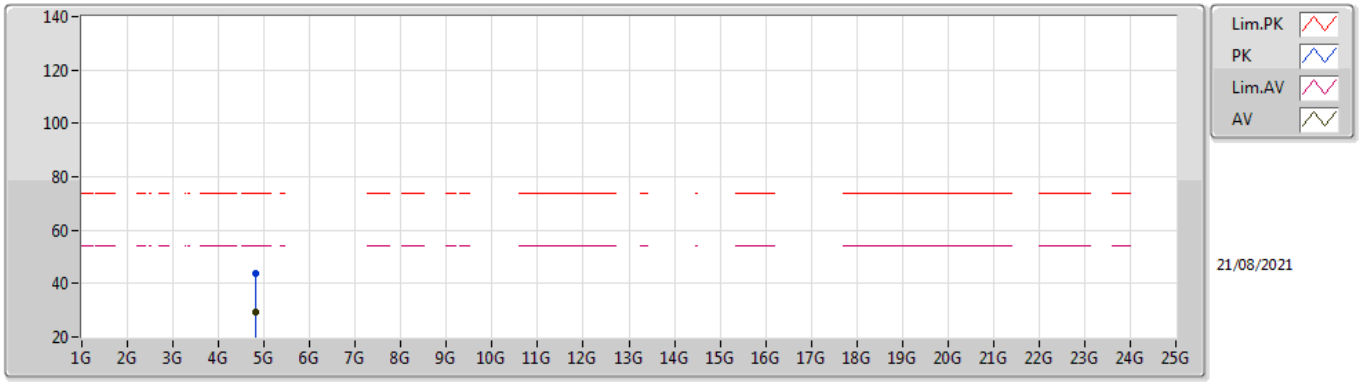


EUT Y_1TX
Setting 20
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8256G	43.36	74.00	-30.64	38.08	3	Vertical	226	2.51	-	32.80	4.70	32.22
AV	4.82278G	29.31	54.00	-24.69	24.04	3	Vertical	226	2.51	-	32.79	4.70	32.22

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

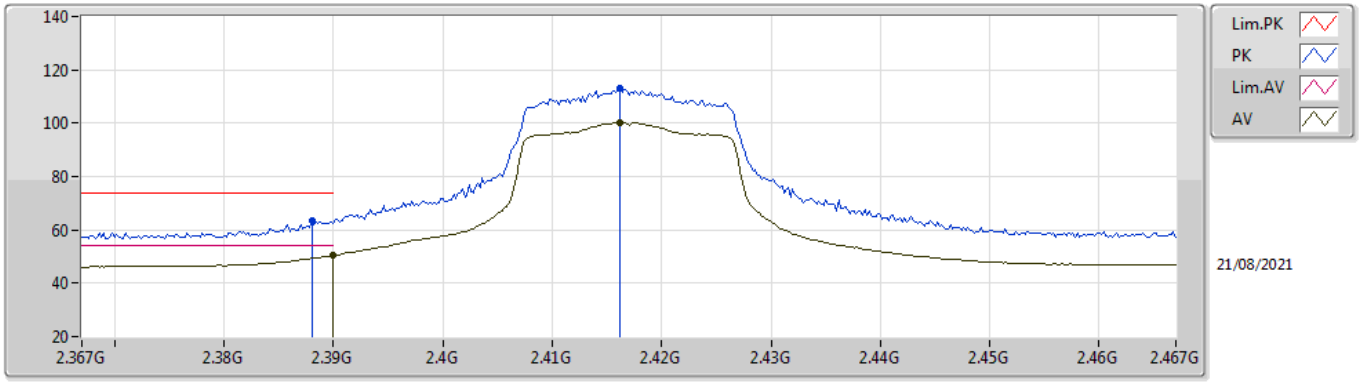


EUT Y_1TX
Setting 20
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82232G	43.59	74.00	-30.41	38.32	3	Horizontal	139	1.23	-	32.79	4.70	32.22
AV	4.82356G	29.30	54.00	-24.70	24.03	3	Horizontal	139	1.23	-	32.79	4.70	32.22

802.11ax HEW20_Nss1,(MCS0)_1TX

2417MHz_TX

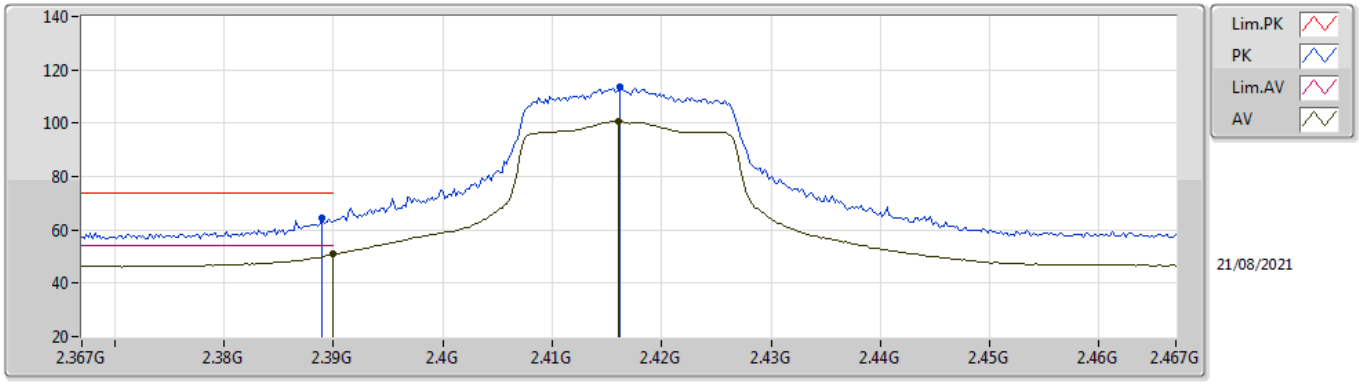


EUT Y_1TX
Setting 20.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.388G	63.23	74.00	-10.77	32.44	3	Vertical	247	2.74	-	28.38	2.41	-
AV	2.39G	50.34	54.00	-3.66	19.55	3	Vertical	247	2.74	-	28.38	2.41	-
PK	2.4162G	113.08	Inf	-Inf	82.27	3	Vertical	247	2.74	-	28.40	2.41	-
AV	2.4162G	100.28	Inf	-Inf	69.47	3	Vertical	247	2.74	-	28.40	2.41	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2417MHz_TX

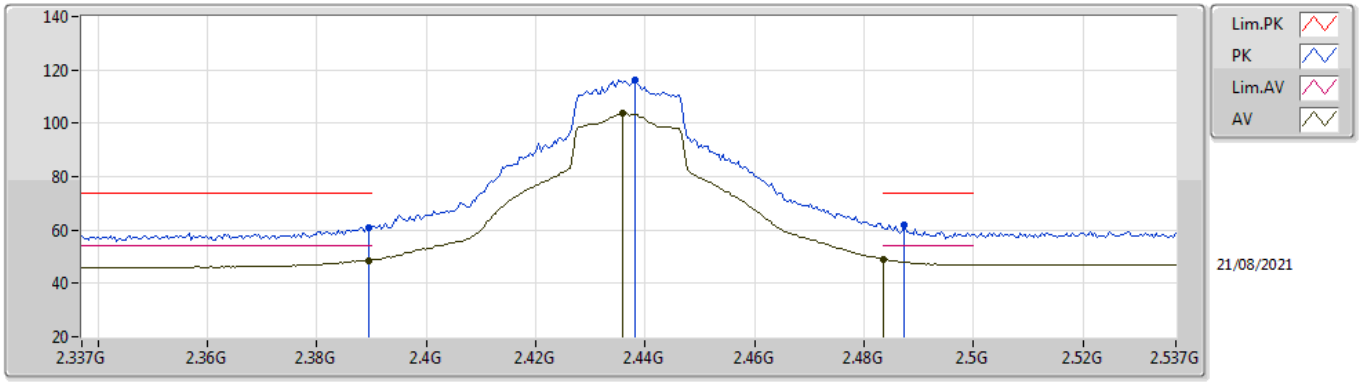


EUT Y_1TX
Setting 20.5
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	64.65	74.00	-9.35	33.86	3	Horizontal	27	2.48	-	28.38	2.41	-
AV	2.39G	50.85	54.00	-3.15	20.06	3	Horizontal	27	2.48	-	28.38	2.41	-
PK	2.4162G	113.69	Inf	-Inf	82.88	3	Horizontal	27	2.48	-	28.40	2.41	-
AV	2.416G	100.85	Inf	-Inf	70.04	3	Horizontal	27	2.48	-	28.40	2.41	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

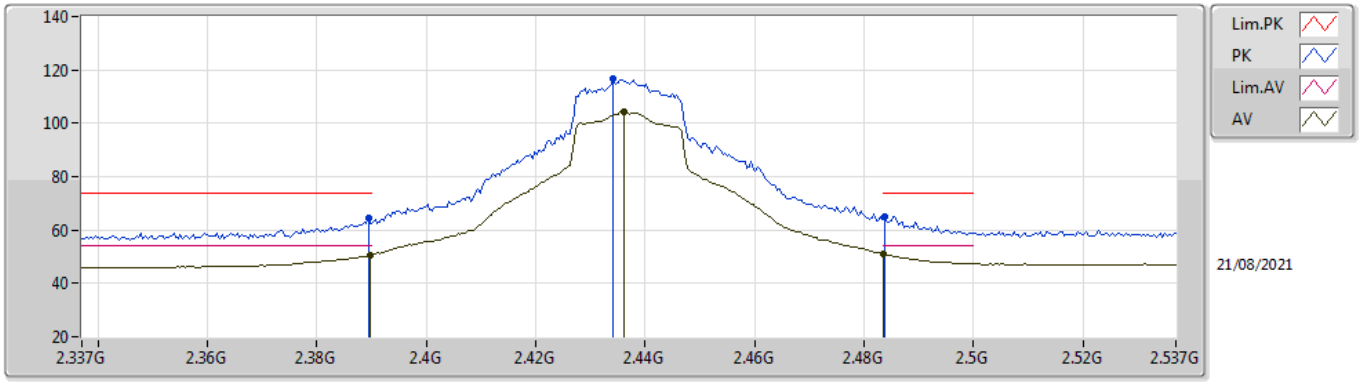


EUT Y_1TX
Setting 30
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	61.02	74.00	-12.98	30.23	3	Vertical	230	3.00	-	28.38	2.41	-
AV	2.3894G	48.65	54.00	-5.35	17.86	3	Vertical	230	3.00	-	28.38	2.41	-
PK	2.4382G	116.11	Inf	-Inf	85.29	3	Vertical	230	3.00	-	28.40	2.42	-
AV	2.4358G	103.96	Inf	-Inf	73.14	3	Vertical	230	3.00	-	28.40	2.42	-
PK	2.4874G	62.02	74.00	-11.98	31.03	3	Vertical	230	3.00	-	28.55	2.44	-
AV	2.4835G	49.04	54.00	-4.96	18.07	3	Vertical	230	3.00	-	28.53	2.44	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

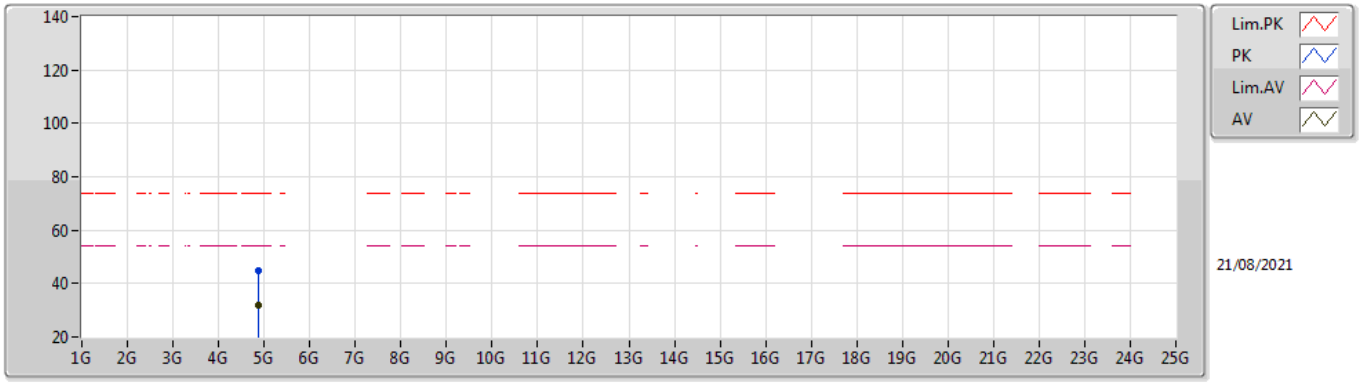


EUT Y_1TX
Setting 30
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	64.46	74.00	-9.54	33.67	3	Horizontal	25	1.80	-	28.38	2.41	-
AV	2.3898G	50.60	54.00	-3.40	19.81	3	Horizontal	25	1.80	-	28.38	2.41	-
PK	2.4342G	116.53	Inf	-Inf	85.71	3	Horizontal	25	1.80	-	28.40	2.42	-
AV	2.4362G	104.31	Inf	-Inf	73.49	3	Horizontal	25	1.80	-	28.40	2.42	-
PK	2.4838G	64.90	74.00	-9.10	33.92	3	Horizontal	25	1.80	-	28.54	2.44	-
AV	2.4835G	50.99	54.00	-3.01	20.02	3	Horizontal	25	1.80	-	28.53	2.44	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

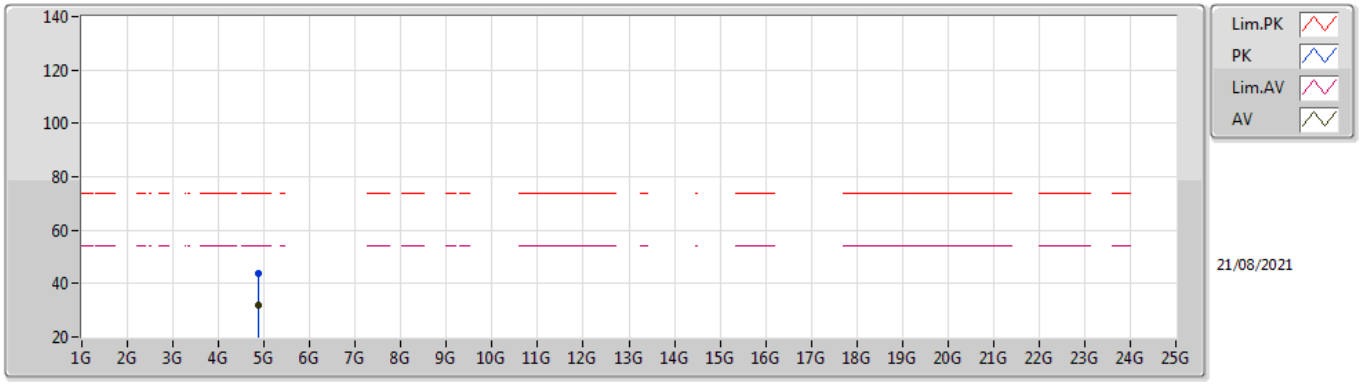


EUT Y_1TX
Setting 30
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87422G	44.67	74.00	-29.33	39.23	3	Vertical	244	2.14	-	32.95	4.70	32.21
AV	4.87398G	32.12	54.00	-21.88	26.68	3	Vertical	244	2.14	-	32.95	4.70	32.21

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX



EUT Y_1TX
Setting 30
02-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87364G	43.97	74.00	-30.03	38.53	3	Horizontal	184	2.74	-	32.95	4.70	32.21
AV	4.87396G	32.11	54.00	-21.89	26.67	3	Horizontal	184	2.74	-	32.95	4.70	32.21