Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2AHBN-AP45
Equipment	:	802.11ax 6E Wireless Access Point
Brand Name	:	Juniper
Model Name	:	AP45, AP45E
Applicant	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Manufacturer	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Standard	:	47 CFR FCC Part 15.247

The product was received on Oct. 08, 2021, and testing was started from Oct. 14, 2021 and completed on Mar. 15, 2022. 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

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR182421-01AA	01	Initial issue of report	Feb. 24, 2022
FR182421-01AA	02	1. Revising ant.1~ant.8 antenna gain on section 1.1.2 2. Revising test result of section 3.3 Maximum Conducted Output Power and 3.4 Power Spectral Density	Mar. 17, 2022

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:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

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: Viola Huang

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 2

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11n HT20	20	4TX
2.4-2.4835GHz	802.11n HT20-BF	20	4TX
2.4-2.4835GHz	VHT20	20	4TX
2.4-2.4835GHz	VHT20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11n HT40	40	4TX
2.4-2.4835GHz	802.11n HT40-BF	40	4TX
2.4-2.4835GHz	VHT40	40	4TX
2.4-2.4835GHz	VHT40-BF	40	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	4TX

For Scaning radio 4

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	VHT20	20	1TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX
2.4-2.4835GHz	VHT40	40	1TX
2.4-2.4835GHz	802.11ax HEW40	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 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, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port							Brand Name	Model Name	Ant. Type	Connector	Equip EUT	Gain (dBi)
	WLAN 5GHz (Radio 1)	WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)	WLAN 6GHz Radio 3)	WLAN 2.4GHz (Radio 4)	WLAN 5GHz (Radio 4)	BT (Radio 5)						
1	1	4	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX	EUT 1	Note 1
2	2	3	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
3	3	2	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
4	4	1	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
5	-	-	1	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
6	-	-	2	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
7	-	-	3	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
8	-	-	4	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
9	-	-	-	1	-	-	-	Juniper	AP45	PIFA	I-PEX		
10	-	-	-	2	-	-	-	Juniper	AP45	PIFA	I-PEX		
11	-	-	-	3	-	-	-	Juniper	AP45	PIFA	I-PEX		
12	-	-	-	4	-	-	-	Juniper	AP45	PIFA	I-PEX		
13	-	-	-	-	1	1	-	Juniper	AP45	PIFA	I-PEX		
14	-	-	-	-	2	2	-	Juniper	AP45	PIFA	I-PEX		
15	-	-	-	-	-	-	1	Juniper	AP45	PIFA	I-PEX	EUT 1/EUT 2	
16	1	4	-	-	-	-	-	Accelltex	ATS-OO-2456-466-10MC-36	OMNI	4-Port connector	EUT 2	
	2	3	-	-	-	-	-						
	3	2	-	-	-	-	-						
	4	1	-	-	-	-	-						
17	1	4	-	-	-	-	-	Accelltex	ATS-OP-2456-81010-10MC-36	Panel	4-Port connector		
	2	3	-	-	-	-	-						
	3	2	-	-	-	-	-						
	4	1	-	-	-	-	-						

Note 1:

Ant.	Antenna Gain (dBi)																
	WLAN 5GHz (Radio 1)				WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)		WLAN 6GHz (Radio 3)				WLAN 2.4GHz (Radio 4)	WLAN 5GHz (Radio 4)				Bluetooth (Radio 5)
	UNII 1	UNII 2A	UNII 2C	UNII 3		UNII 1	UNII 2A	UNII 5	UNII 6	UNII 7	UNII 8		UNII 1	UNII 2A	UNII 2C	UNII 3	
1	2.89	3.7	3.46	2.39	2.01	-	-	-	-	-	-	-	-	-	-	-	-
2	2.61	2.55	3.04	3.8	0.66	-	-	-	-	-	-	-	-	-	-	-	-
3	1.94	2.22	2.82	2.54	2.04	-	-	-	-	-	-	-	-	-	-	-	-
4	3.27	4.06	2.87	2.17	1.17	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	3.2	3.56	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	2.85	3.77	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	3.37	3.23	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	3.11	3.68	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-
10	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-
11	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-
12	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	5.0	5.4	5.4	5.5	5.3	-
14	-	-	-	-	-	-	-	-	-	-	-	5.0	5.4	5.4	5.5	5.3	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5
16	6	6	6	6	4	-	-	-	-	-	-	-	-	-	-	-	-
17	10	10	10	10	8	-	-	-	-	-	-	-	-	-	-	-	-

Ant.	Directional Gain (dBi)						
	WLAN 5GHz (Radio 1)				WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)	
	UNII 1	UNII 2A	UNII 2C	UNII 3		UNII 1	UNII 2A
1	6.44	6.41	7.19	6.67	4.23	-	-
2						-	-
3						-	-
4						-	-
5	-	-	-	-	-	7.7	8.16
6	-	-	-	-	-		
7	-	-	-	-	-		
8	-	-	-	-	-		

Note 2: The EUT has seventeen antennas.The ant.15 is BLE Array (Beam 1~Beam 9 and Omni).
Note 3: The above information was declared by manufacturer.
Note 4: For EUT 1:
Radio 1, 2: Maximum Directional Gain following KDB662911 D03. The antenna report is provided in the operational description for this application.
Radio 3: Maximum Directional Gain following KDB662911 D01.

For EUT 2: Maximum Directional Gain following KDB662911 D01.

For EUT 1
For Radio 2
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For Radio 1
For 5GHz UNII 1~3:
For IEEE 802.11a/n/ac/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For Radio 2
For 5GHz UNII 1~2:
For IEEE 802.11a/n/ac/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 3
For 6E UNII 5~8 (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For scanning Radio 4
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (1TX/2RX):
For 5GHz UNII 1~3:
For IEEE 802.11a/n/ac/ax mode (1TX/2RX):
For 1TX
The EUT supports the antenna with TX diversity functions.
Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.
The Port 1 generated the worst case, so it was selected to test and record in the report.
For 2TX/2RX
The EUT supports the port 1 and port 2 with TX diversity function.
Port 1 generated the worst case than port 2, so it is tested and recorded in the report.
Port 1 and port 2 could receive simultaneously.
For Radio 5
Bluetooth (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.

For EUT 2
For Radio 2
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For Radio 1
For 5GHz UNII 1~3:
For IEEE 802.11a/n/ac/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For Radio 3: Disable by FW
For scanning Radio 4: Disable by FW
For Radio 5
Bluetooth (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

For Radio 2 / PIFA Ant. 1~Ant. 4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.952	0.21	12.425m	100
802.11g	0.954	0.2	2.075m	1k
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.968	0.14	782.5u	3k

For Scaning radio 4 / PIFA Ant. 13~Ant. 14

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.949	0.23	12.481m	100
802.11g	0.948	0.23	2.066m	1k
802.11ax HEW20	0.978	0.1	1.488m	1k
802.11ax HEW40	0.967	0.15	780.625u	3k

For Radio 2 / OMNI Ant. 16

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.958	0.19	12.42m	100
802.11g	0.954	0.2	2.068m	1k
802.11ax HEW20	0.978	0.1	1.488m	1k
802.11ax HEW40	0.967	0.15	780.625u	3k

For Radio 2 / Panel Ant. 17

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.957	0.19	12.42m	100
802.11g	0.972	0.12	2.065m	1k
802.11ax HEW20	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.967	0.15	780.625u	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 of radio 2, n/ac/ax in 5GHz UNII 1~UNII 3 of radio 1, 5GHz UNII 1~UNII 2 of radio 2 and ax in 6GHz UNII 5~UNII 8 of radio 3.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	accessMTool(version 3.2.1.5)			

Note: The above information was declared by manufacturer.

1.1.5 Table for Radio function

For EUT 1

Radio	WLAN 2.4GHz	5GHz UNII 1~2	5GHz UNII 1~3	6E (UNII 5~8)	Scaning radio (WLAN 2.4GHz / 5GHz UNII 1~3)	Bluetooth
1	-	-	V	-	-	-
2	V	V	-	-	-	-
3	-	-	-	V	-	-
4	-	-	-	-	V	-
5	-	-	-	-	-	V

For EUT 2

Radio	WLAN 2.4GHz	5GHz UNII 1~3	6E (UNII 5~8)	Scaning radio (WLAN 2.4GHz / 5GHz UNII 1~3)	Bluetooth
1	-	V	-	-	-
2	V	-	-	-	-
3	-	-	Disable by FW	-	-
4	-	-	-	Disable by FW	-
5	-	-	-	-	V

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Operation Function

Mode	Operation Function
1	EUT 1 - R1: 5GHz full band+R2: 2.4GHz+R3: 6E+R4: 2.4GHz+R5: Bluetooth
2	EUT 1 - R1: 5GHz full band+R2: 2.4GHz+R3: 6E+R4: 5GHz+R5: Bluetooth
3	EUT 1 - R1: 5GHz high band+R2: 5GHz low band+R3: 6E+R4: 2.4GHz+R5: Bluetooth
4	EUT 1 - R1: 5GHz high band+R2: 5GHz low band+R3: 6E+R4: 5GHz+R5: Bluetooth
5	EUT 1 - R1: 5GHz full band+R2: 2.4GHz+R5: Bluetooth
6	EUT 1 - R1: 5GHz full band+R2: 2.4GHz+R5: Bluetooth

Note: The above information was declared by manufacturer.

1.1.7 Table for Multiple Listing

Model Name	EUT	Antenna	FEM of UNII high band of Radio 1	FEM of UNII low band of Radio 2	Radio 3 (6GHz)	Radio 4 (2.4/5GHz Scanning Radio)
AP45	1	Internal	V	V	V	V
AP45E	2	External	Removed	Removed	Disabled	Disabled

Note 1: FEM means Front End Module

Note 2: 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 662911 D03 v01
- 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	For EUT 1: Brian Sun	24.3~25.2 / 60~62	Oct. 19, 2021~Mar. 15, 2022
	TH02-CB	For EUT 2: Lucas Huang	19.8~21 / 63~65	Jan. 13, 2022~Jan. 17, 2022
Radiated below 1GHz	03CH01-CB	For EUT 1: Ken Yeh	24.2~26.5 / 54~56	Nov. 09, 2021~Dec. 29, 2021
	03CH05-CB	For EUT 2: Ken Yeh	22.5~23.6 / 56~59	Dec. 29, 2021~Dec. 30, 2021
Radiated above 1GHz (for others test)	03CH02-CB	For EUT 1: Stim Sung	24.1~25.2 / 55~58	Oct. 14, 2021~Oct. 23, 2021
	03CH01-CB	For EUT 2: Stim Sung	23.8~24.7 / 55~58	Jan. 10, 2022~Jan. 13, 2022
Radiated above 1GHz (for co-location)	03CH01-CB	Stim Sung	24.2~26.5 / 54~56	Nov. 09, 2021~Dec. 29, 2021
AC Conduction	CO01-CB	Peter Wu	22~23 / 55~56	Nov. 15, 2021~Jan. 04, 2022

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

For Radio 2 / PIFA Ant. 1~Ant. 4
For non beamforming mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	87
2437MHz	96
2457MHz	88
2462MHz	82
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	75
2417MHz	85
2437MHz	87
2462MHz	78
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	76
2437MHz	84
2462MHz	75
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	71
2437MHz	66
2452MHz	71

For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	76
2437MHz	84
2462MHz	75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	71
2437MHz	66
2452MHz	71

For Scaning radio 4 / PIFA Ant. 13~Ant. 14

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	86
2437MHz	87
2462MHz	83
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	76
2417MHz	79
2437MHz	89
2457MHz	83
2462MHz	75
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	76
2437MHz	84
2462MHz	74
802.11ax HEW40_Nss1,(MCS0)_1TX	-
2422MHz	71
2437MHz	65
2452MHz	69

For Radio 2 / OMNI Ant. 16
For non beamforming mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	78
2417MHz	81
2437MHz	88
2457MHz	82
2462MHz	78
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	67
2417MHz	74
2437MHz	76
2457MHz	75
2462MHz	72
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	57
2417MHz	68
2437MHz	72
2457MHz	72
2462MHz	68
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	54
2437MHz	57
2452MHz	65

For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	57
2417MHz	68
2437MHz	72
2457MHz	72
2462MHz	68
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	54
2427MHz	57
2437MHz	57
2452MHz	65

For Radio 2 / Panel Ant. 17
For non beamforming mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	69
2417MHz	73
2437MHz	87
2457MHz	78
2462MHz	73
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	58
2417MHz	62
2437MHz	71
2457MHz	68
2462MHz	62
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	50
2417MHz	62
2437MHz	64
2457MHz	68
2462MHz	66
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	44
2437MHz	51
2452MHz	45

For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	50
2417MHz	62
2437MHz	63
2457MHz	68
2462MHz	66
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	44
2437MHz	51
2452MHz	45

Note:
- 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.
- The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

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	EUT 1-R1: 5GHz full band+R2: 2.4GHz+R3: 6E+R4: 2.4GHz+R5: Bluetooth
2	EUT 1-R1: 5GHz full band+R2: 2.4GHz+R3: 6E+R4: 5GHz+R5: Bluetooth
3	EUT 1-R1: 5GHz high band+R2: 5GHz low band+R3: 6E+R4: 2.4GHz +R5: Bluetooth
4	EUT 1-R1: 5GHz high band+R2: 5GHz low band+R3: 6E+R4: 5GHz+R5: Bluetooth
5	EUT 2-R1: 5GHz full band (Ant.17)+R2: 2.4GHz (Ant.17)+R5: Bluetooth (Ant.15)
6	EUT 2-R1: 5GHz full band (Ant.17)+R2: 2.4GHz (Ant.17)+R5: Bluetooth (Ant.15)
For operating mode 2 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	EUT 1-R2 2.4GHz (Ant. 1~Ant. 4)
2	EUT 1-R4 2.4GHz (Ant. 13~Ant. 14)
3	EUT 2-R2 2.4GHz (Ant. 16)
4	EUT 2-R2 2.4GHz (Ant. 17)

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	Normal Link
1	EUT 1 in Z axis-R1 5GHz band+R2 2.4GHz+R3 6E+R4 2.4GHz+R5 Bluetooth+PoE
2	EUT 1 in Z axis-R1 5GHz band+R2 2.4GHz+R3 6E+R4 5GHz+R5 Bluetooth+PoE
3	EUT 1 in Z axis-R1 5GHz high band+R2 5GHz low band+ R3 6E+R4 2.4GHz +R5 Bluetooth+ PoE
4	EUT 1 in Z axis-R1 5GHz high band+R2 5GHz low band+R3 6E+R4 5GHz+R5 Bluetooth+PoE
Mode 2 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5~6 will follow this same test mode.	
5	EUT 1 in Y axis-R1 5GHz band+R2 2.4GHz+R3 6E+R4 5GHz+R5 Bluetooth+ PoE
6	EUT 1 in X axis-R1 5GHz band+R2 2.4GHz+R3 6E+R4 5GHz+R5 Bluetooth +PoE
7	EUT 2 in Z axis-R1 5GHz band (Ant.16) + R2 2.4GHz (Ant.16) + R5 Bluetooth (Ant.15) + PoE
8	EUT 2 in Y axis-R1 5GHz band (Ant.16) + R2 2.4GHz (Ant.16) + R5 Bluetooth (Ant.15) + PoE
9	EUT 2 in X axis-R1 5GHz band (Ant.16) + R2 2.4GHz (Ant.16) + R5 Bluetooth (Ant.15) + PoE
Mode 8 has been evaluated to be the worst case among Mode 7~9, thus measurement for Mode 10 will follow this same test mode.	
10	EUT 2 in Y axis-R1 5GHz band (Ant.17) + R2 2.4GHz (Ant.17) + R5 Bluetooth (Ant.15) + PoE
For operating mode 6 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	For Ant. 1~Ant. 4, Ant.13~Ant. 14, Ant. 16 The EUT was performed at X axis, Y axis and Z axis, and the worst case was found at Y axis. So the measurement will follow this same test configuration. For Ant. 17 The EUT was performed at X axis, Y axis and Z axis, and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT 1 in Y axis_R1 2.4GHz (Ant. 1~Ant. 4)
2	EUT 1 in Y axis_R4 2.4GHz (Ant. 13~Ant. 14)
3	EUT 2 in Y axis_R1 2.4GHz (Ant. 16)
4	EUT 2 in Z axis_R1 2.4GHz (Ant. 17)

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 for emissions in restricted frequency bands above 1GHz, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT 1 in Y axis-R1 5GHz band (Ant. 1~Ant. 4) + R2 2.4GHz (Ant. 1~Ant. 4)
2	EUT 2 in Y axis-R1 5GHz band (Ant. 16) + R2 2.4GHz (Ant. 16)
3	EUT 3 in Y axis-R1 5GHz band (Ant. 17) + R2 2.4GHz (Ant. 17)
For operating mode 1 is the worst case and it was record in this test report.	
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	EUT 1-R1 5GHz band+R2 2.4GHz+R3 6E+R4 2.4GHz+R5 Bluetooth
2	EUT 1-R1 5GHz band+R2 2.4GHz+R3 6E+R4 5GHz+R5 Bluetooth
3	EUT 1-R1 5GHz high band+ R2 5GHz low band +R3 6E+R4 2.4GHz+R5 Bluetooth
4	EUT 1-R1 5GHz high band+R2 5GHz low band+R3 6E+R4 5GHz+R5 Bluetooth
5	EUT 2-R1 5GHz band (Ant. 16) + R2 2.4GHz (Ant. 16) + R5 Bluetooth (Ant. 15)
6	EUT 2-R1 5GHz band (Ant. 17) + R2 2.4GHz (Ant. 17) + R5 Bluetooth (Ant. 15)
Refer to Sporton Test Report No.: FA182421-01 for Co-location RF Exposure Evaluation.	

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

PoE information as below:

Power	Brand	Model
PoE	PHIHONG	POE60U-1BT-5

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Others
Antenna bracket*1 (Only for ant. 17 use)
Bracket*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	PD Load	JUNIPER	RXRB-MIB	N/A
C	PD PC	DELL	T3400	N/A
D	LAN NB	DELL	E6430	N/A
E	2.4G NB	DELL	E6430	N/A
F	5G NB	DELL	E6430	N/A
G	SCAN NB	DELL	E6430	N/A
H	6E device	JUNIPER	RXRB-MIB	N/A
I	Flash disk3.0	Transcend	JetFlash-700	N/A
J	6E NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A
D	Notebook	DELL	E4300	N/A
E	Notebook	DELL	E4300	N/A
F	6E device	JUNIPER	AP45	N/A
G	Notebook	DELL	E4300	N/A
H	Notebook	DELL	E4300	N/A
I	PD Load	JUNIPER	AP45	N/A
J	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (above 1GHz):

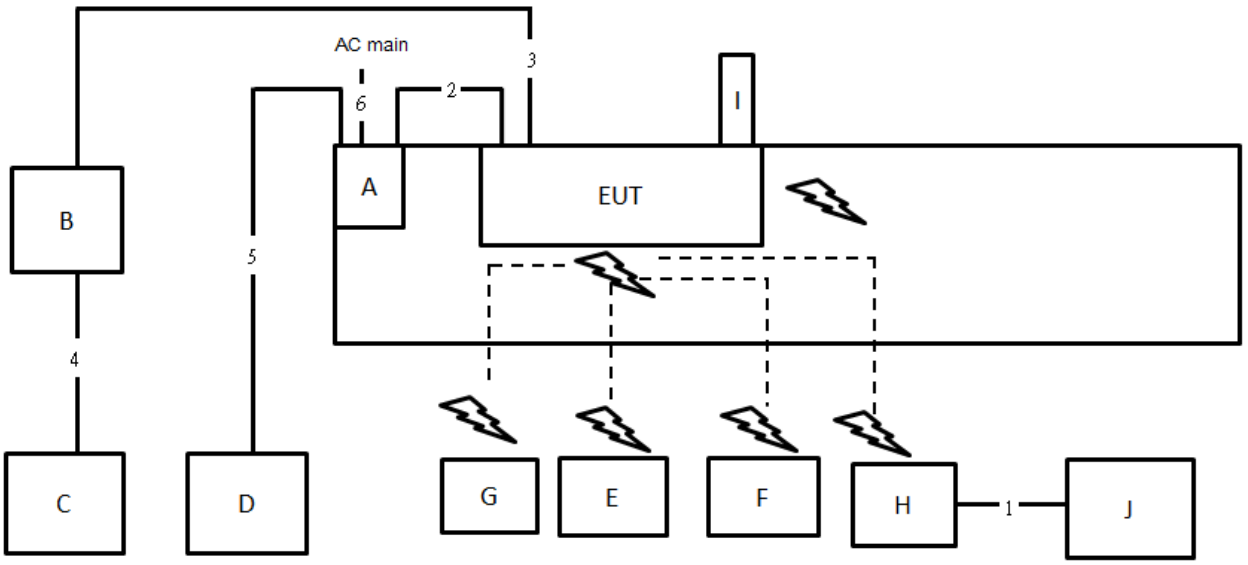
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	Notebook	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	Notebook	DELL	E4300	N/A

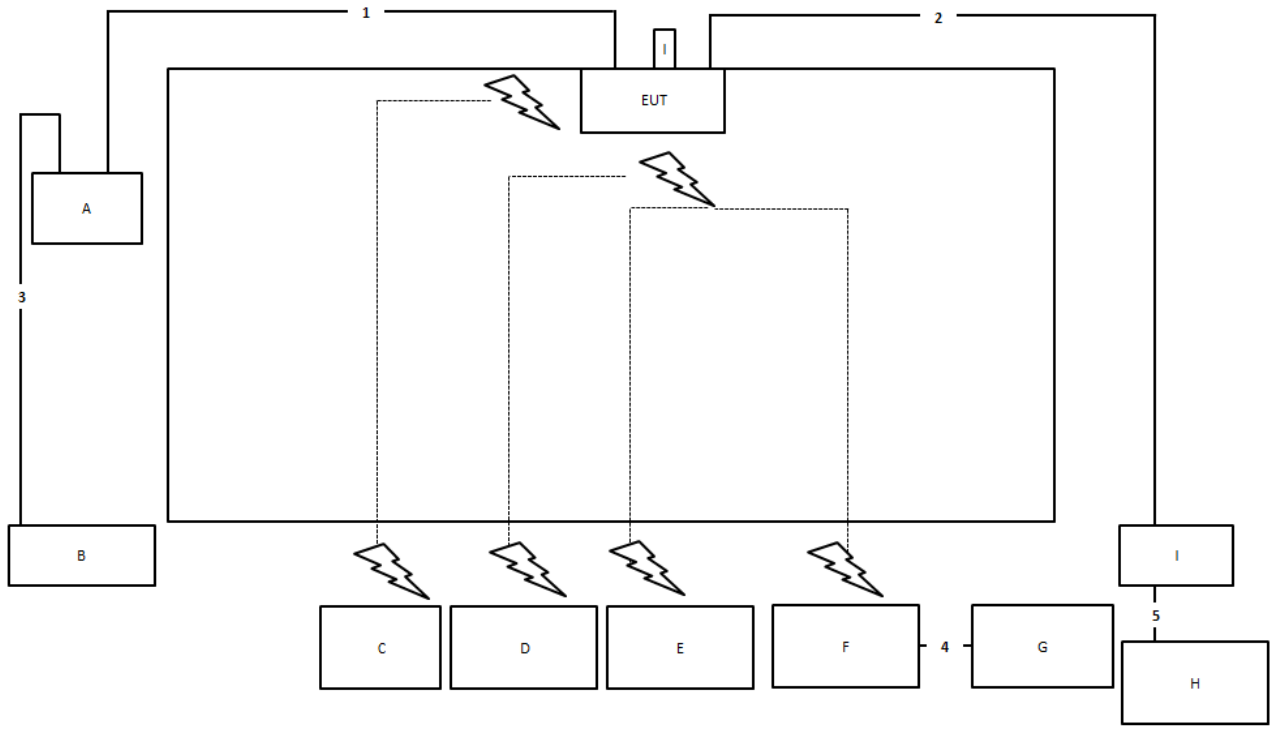
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



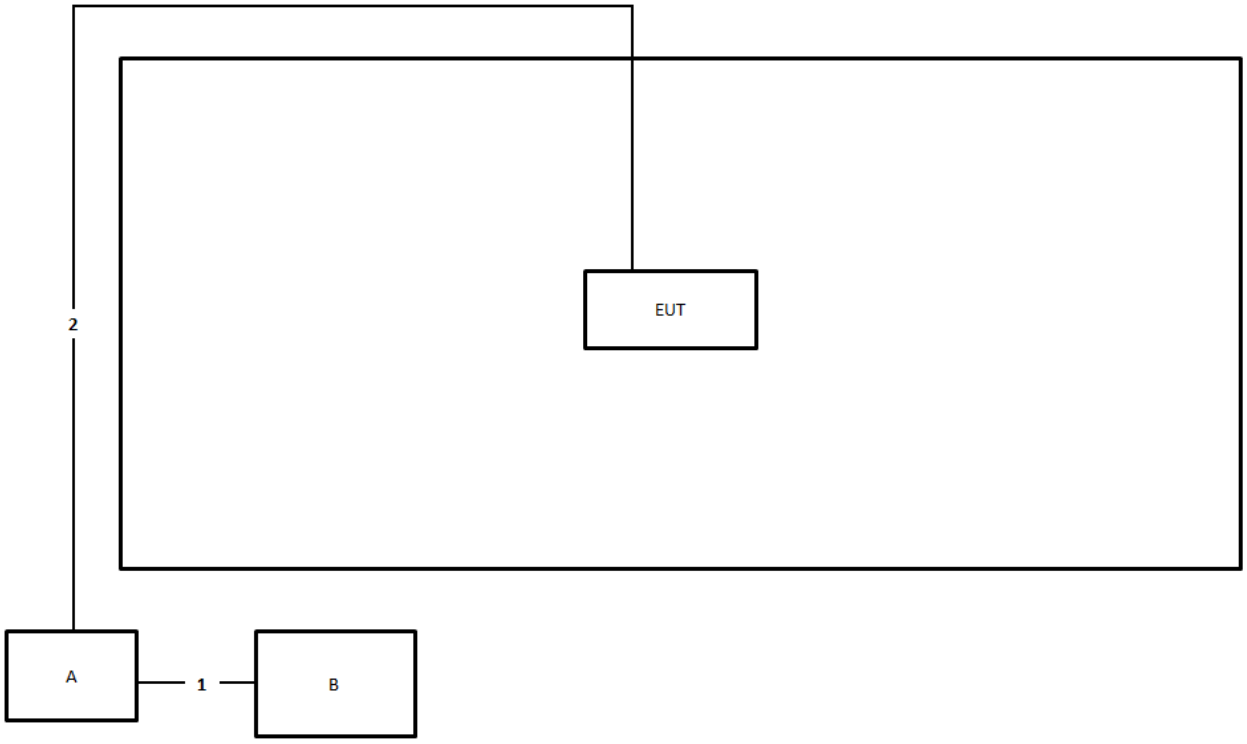
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	1.5m
5	RJ-45 cable	No	10m
6	Power cable	No	0.8m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

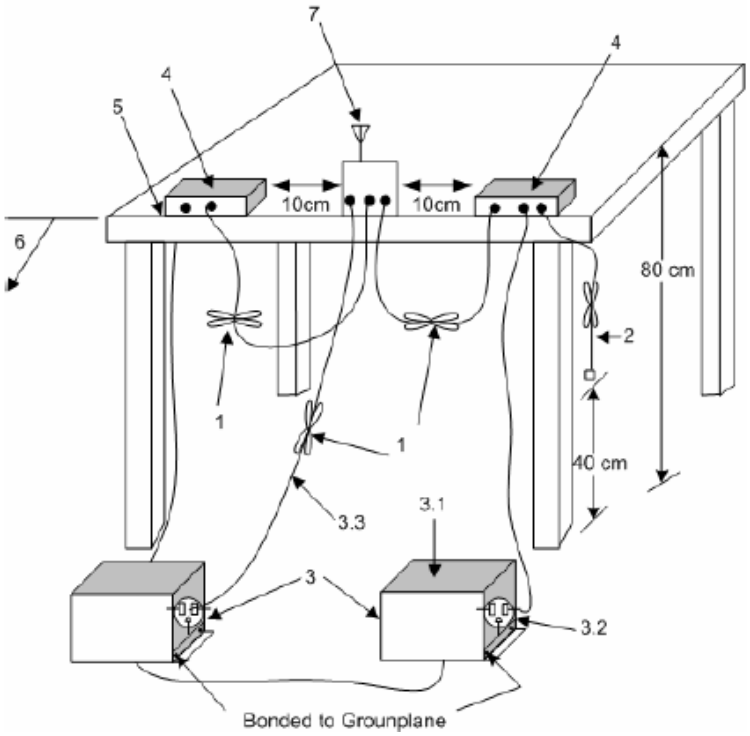
Refer a test equipment and calibration data table in this test report.

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.

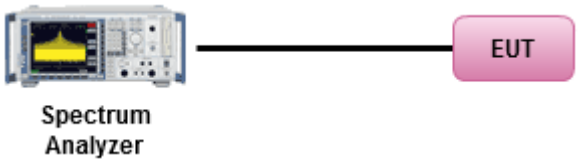
3.2.2 Measuring Instruments

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.		

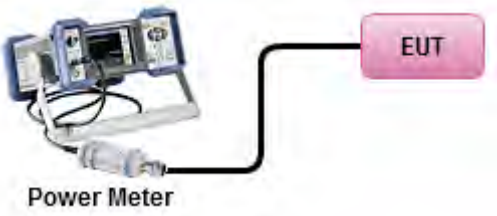
3.3.2 Measuring Instruments

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

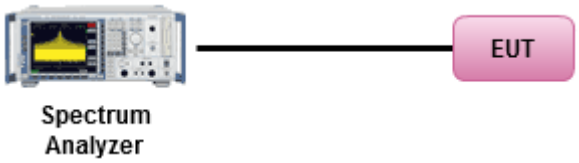
3.4.2 Measuring Instruments

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.	

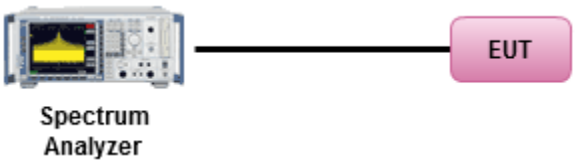
3.5.2 Measuring Instruments

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.

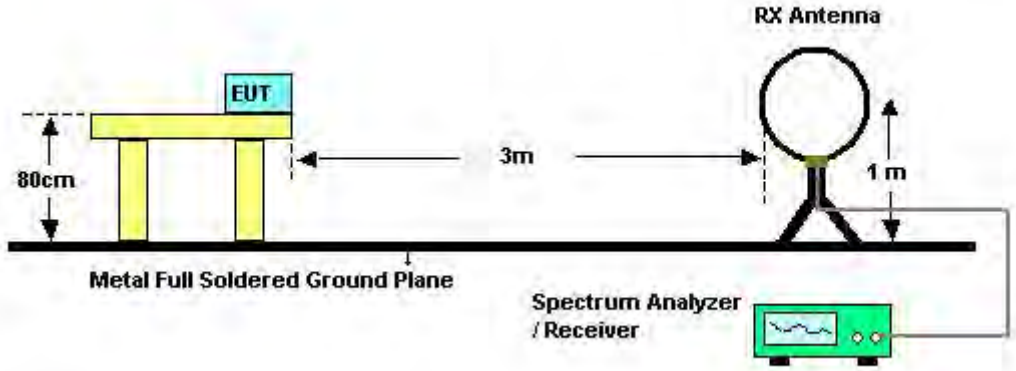
3.6.3 Test Procedures

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.		

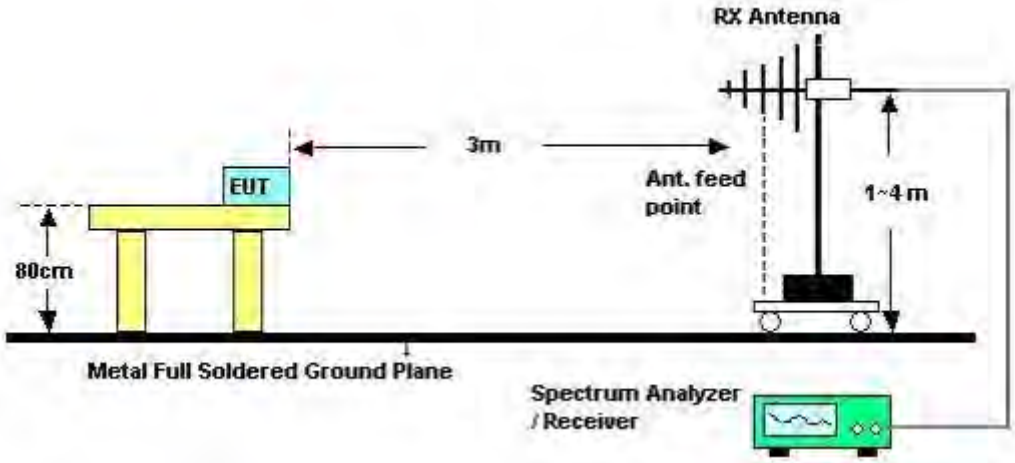
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

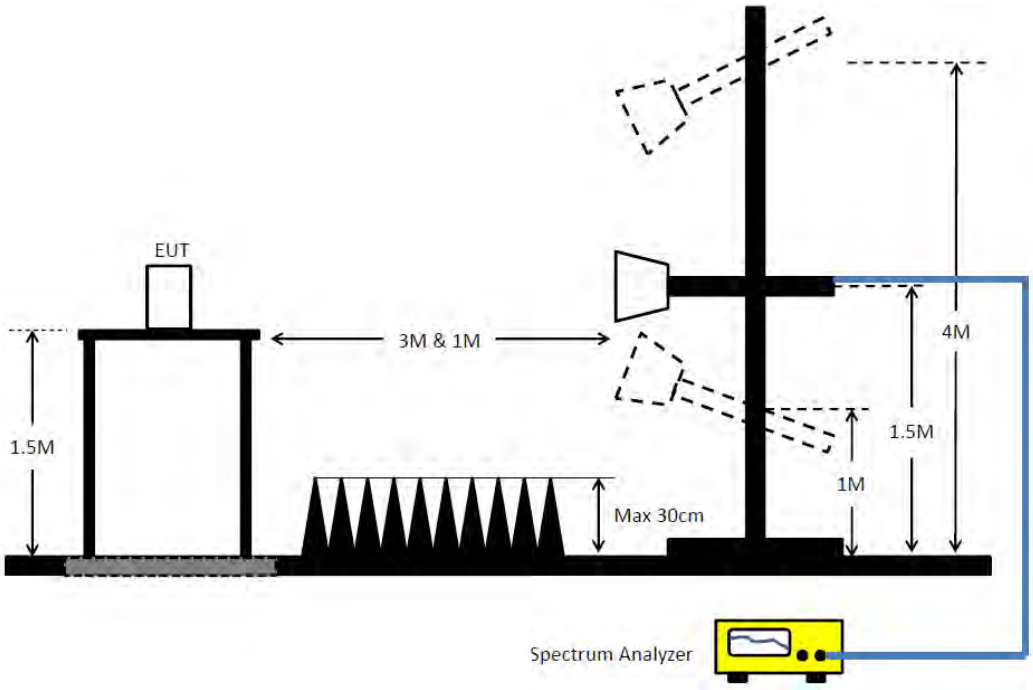
9kHz ~30MHz



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	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 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)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-16+17	30 MHz ~ 1 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-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	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	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)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
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	101027	9kHz~40GHz	Aug. 02, 2021	Aug. 01, 2022	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 31, 2020	Dec. 30, 2021	Conducted (TH03-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 15, 2021	Apr. 14, 2022	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-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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.

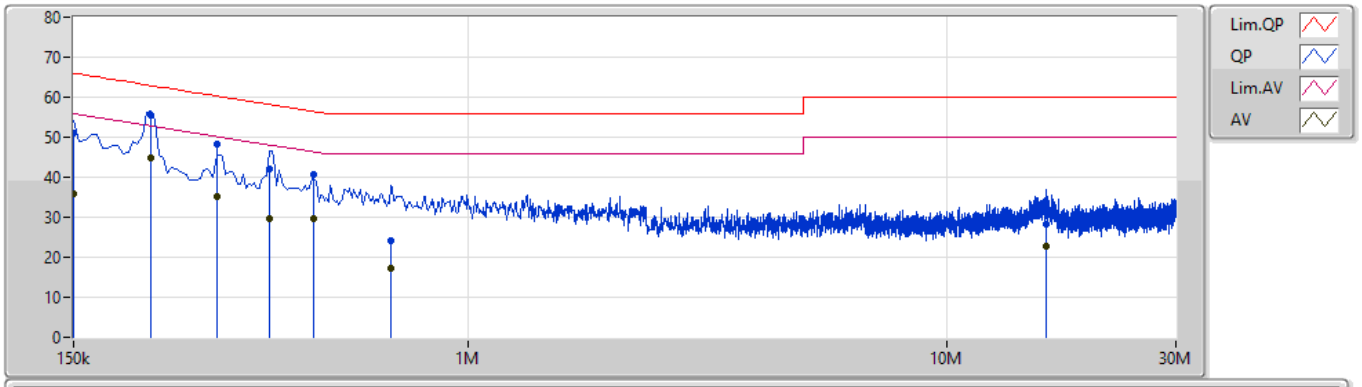
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	303k	55.99	60.17	-4.18	Neutral

Mode 2

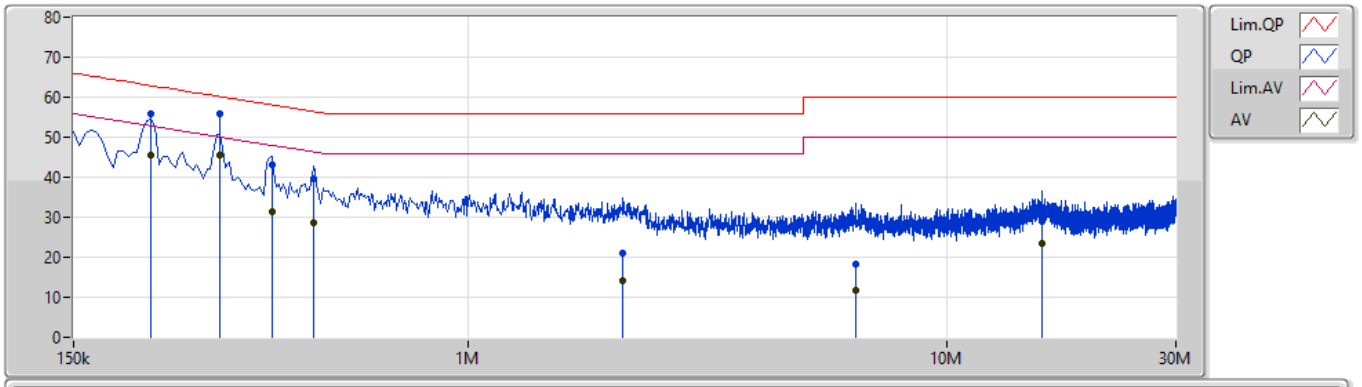
15/11/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	51.05	66.00	-14.95	9.89	Line	-	41.16	0.04	0.04	9.81
AV	150k	35.77	56.00	-20.23	9.89	Line	-	25.88	0.04	0.04	9.81
QP	217.5k	55.37	62.92	-7.55	9.89	Line	"Worst"	45.48	0.04	0.04	9.81
AV	217.5k	44.81	52.92	-8.11	9.89	Line	-	34.92	0.04	0.04	9.81
QP	298.5k	48.22	60.28	-12.06	9.90	Line	-	38.32	0.04	0.04	9.82
AV	298.5k	35.31	50.28	-14.97	9.90	Line	-	25.41	0.04	0.04	9.82
QP	384k	42.22	58.20	-15.98	9.90	Line	-	32.32	0.04	0.04	9.82
AV	384k	29.53	48.20	-18.67	9.90	Line	-	19.63	0.04	0.04	9.82
QP	474k	40.79	56.44	-15.65	9.90	Line	-	30.89	0.04	0.04	9.82
AV	474k	29.51	46.44	-16.93	9.90	Line	-	19.61	0.04	0.04	9.82
QP	690k	24.12	56.00	-31.88	9.92	Line	-	14.20	0.05	0.04	9.83
AV	690k	17.18	46.00	-28.82	9.92	Line	-	7.26	0.05	0.04	9.83
QP	16.035M	28.30	60.00	-31.70	10.40	Line	-	17.90	0.29	0.18	9.93
AV	16.035M	22.77	50.00	-27.23	10.40	Line	-	12.37	0.29	0.18	9.93

Mode 2

15/11/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	56.01	62.92	-6.91	9.88	Neutral	-	46.13	0.03	0.04	9.81
AV	217.5k	45.57	52.92	-7.35	9.88	Neutral	-	35.69	0.03	0.04	9.81
QP	303k	55.99	60.17	-4.18	9.89	Neutral	"Worst"	46.10	0.03	0.04	9.82
AV	303k	45.49	50.17	-4.68	9.89	Neutral	-	35.60	0.03	0.04	9.82
QP	388.5k	43.26	58.10	-14.84	9.89	Neutral	-	33.37	0.03	0.04	9.82
AV	388.5k	31.49	48.10	-16.61	9.89	Neutral	-	21.60	0.03	0.04	9.82
QP	474k	39.73	56.44	-16.71	9.89	Neutral	-	29.84	0.03	0.04	9.82
AV	474k	28.75	46.44	-17.69	9.89	Neutral	-	18.86	0.03	0.04	9.82
QP	2.103M	20.97	56.00	-35.03	9.96	Neutral	-	11.01	0.07	0.07	9.82
AV	2.103M	14.08	46.00	-31.92	9.96	Neutral	-	4.12	0.07	0.07	9.82
QP	6.437M	18.44	60.00	-41.56	10.18	Neutral	-	8.26	0.15	0.14	9.89
AV	6.437M	11.58	50.00	-38.42	10.18	Neutral	-	1.40	0.15	0.14	9.89
QP	15.801M	28.99	60.00	-31.01	10.37	Neutral	-	18.62	0.26	0.18	9.93
AV	15.801M	23.43	50.00	-26.57	10.37	Neutral	-	13.06	0.26	0.18	9.93

For Radio 2 / Ant. 1~Ant. 4 / non beamforming mode
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)_4TX	9.525M	26M	26M0G1D	7.025M	11.275M
802.11g_Nss1,(6Mbps)_4TX	16.35M	26.225M	26M2D1D	16.275M	16.9M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.95M	25.662M	25M7D1D	18.6M	19.075M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.75M	38.3M	38M3D1D	37.5M	37.95M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.025M	12.65M	7.525M	12.225M	8.05M	12.325M	7.025M	11.95M
2437MHz	Pass	500k	9.5M	26M	8.55M	18.575M	9.525M	18.7M	9M	16.25M
2462MHz	Pass	500k	7.55M	11.875M	7.525M	11.425M	8.025M	11.7M	7.55M	11.275M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	17.025M	16.3M	16.975M	16.275M	17M	16.325M	16.95M
2437MHz	Pass	500k	16.325M	26.225M	16.325M	23.925M	16.325M	24.375M	16.325M	24.825M
2462MHz	Pass	500k	16.3M	17.075M	16.3M	16.9M	16.3M	16.975M	16.35M	17.05M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.85M	19.1M	18.725M	19.075M	18.75M	19.1M	18.825M	19.125M
2437MHz	Pass	500k	18.7M	23.238M	18.95M	22.914M	18.95M	25.662M	18.9M	23.638M
2462MHz	Pass	500k	18.9M	19.125M	18.65M	19.1M	18.75M	19.1M	18.6M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.75M	38.05M	37.6M	37.95M	37.6M	38.1M	37.6M	38.1M
2437MHz	Pass	500k	37.7M	37.95M	37.5M	38.05M	37.65M	38M	37.65M	38M
2452MHz	Pass	500k	37.75M	38.1M	37.65M	38.1M	37.6M	38.3M	37.55M	38.1M

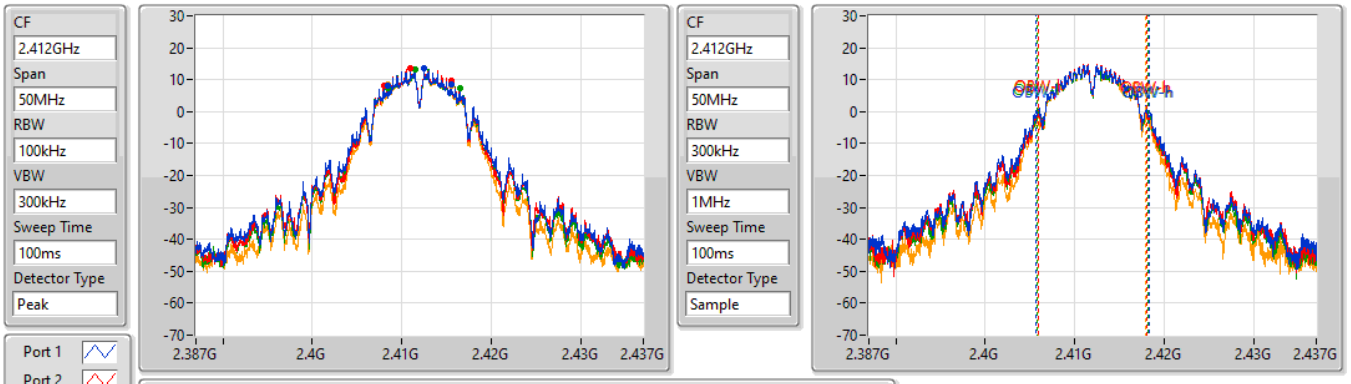
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

26/10/2021



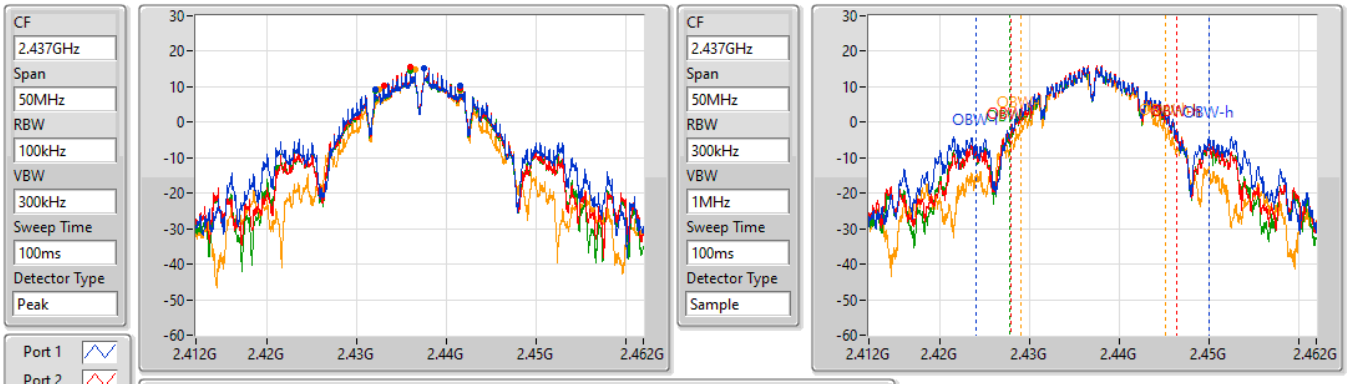
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.408475G	2.4155G	12.65M	2.40565G	2.4183G	500k	1
7.525M	2.407975G	2.4155G	12.225M	2.405875G	2.4181G	500k	2
8.05M	2.40845G	2.4165G	12.325M	2.405825G	2.41815G	500k	3
7.025M	2.408475G	2.4155G	11.95M	2.406G	2.41795G	500k	4

802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

26/10/2021



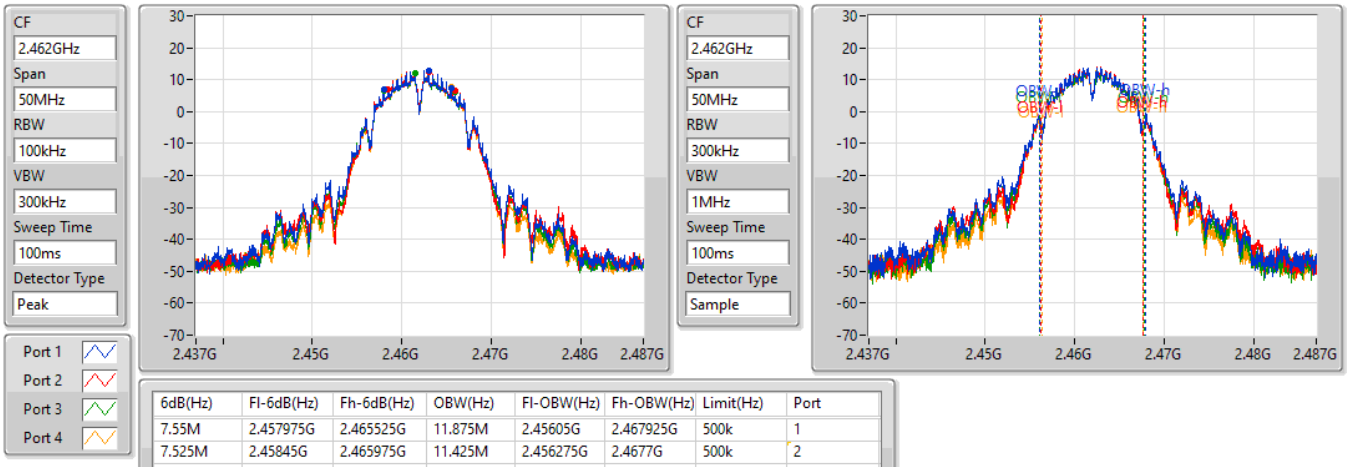
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.5M	2.432G	2.4415G	26M	2.424G	2.45G	500k	1
8.55M	2.432975G	2.441525G	18.575M	2.427825G	2.4464G	500k	2
9.525M	2.432G	2.441525G	18.7M	2.4277G	2.4464G	500k	3
9M	2.4325G	2.4415G	16.25M	2.428925G	2.445175G	500k	4

802.11b_Nss1,(1Mbps)_4TX

EBW

2462MHz

26/10/2021



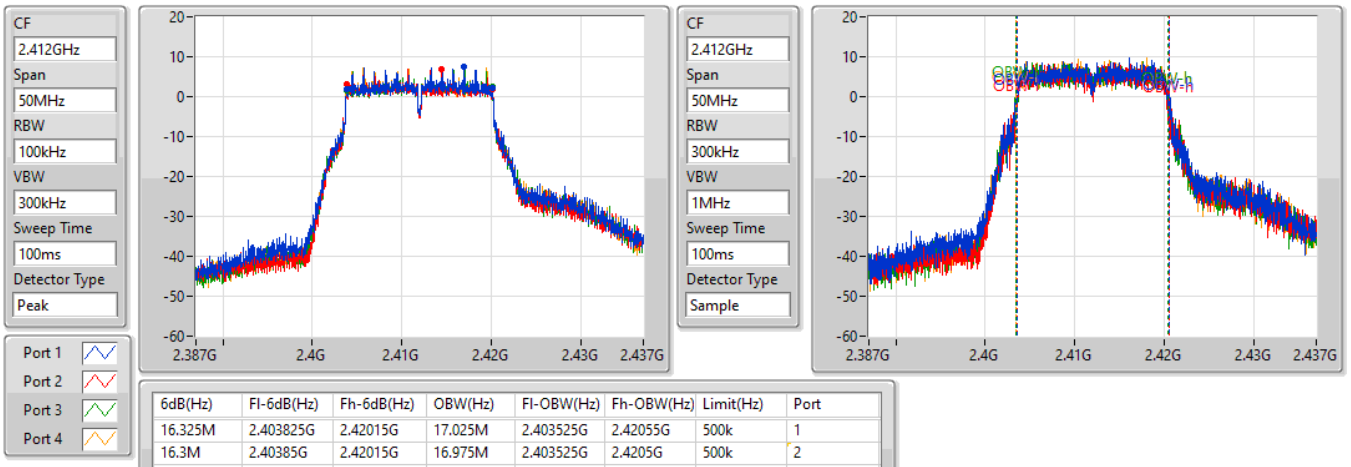
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.457975G	2.465525G	11.875M	2.45605G	2.467925G	500k	1
7.525M	2.45845G	2.465975G	11.425M	2.456275G	2.4677G	500k	2
8.025M	2.457975G	2.466G	11.7M	2.456125G	2.467825G	500k	3
7.55M	2.457975G	2.465525G	11.275M	2.456375G	2.46765G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

26/10/2021



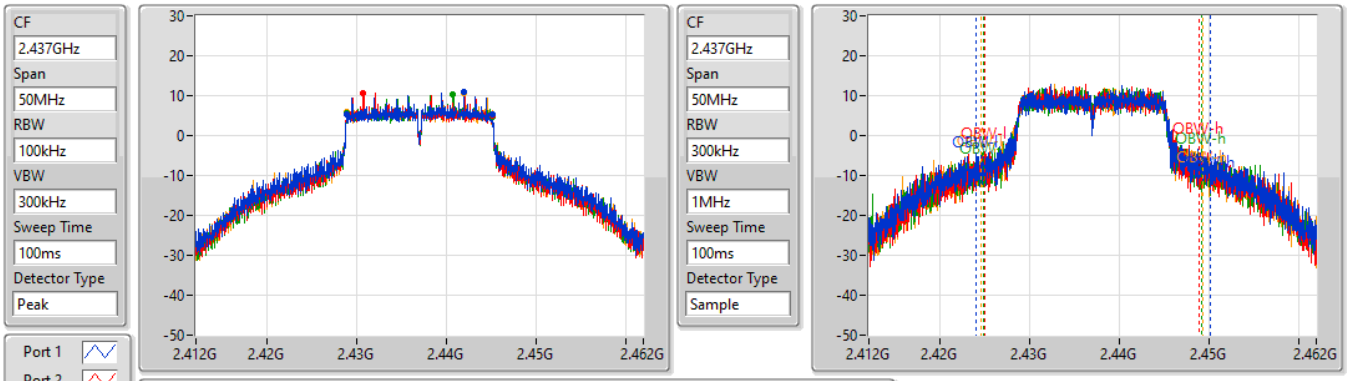
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	17.025M	2.403525G	2.42055G	500k	1
16.3M	2.40385G	2.42015G	16.975M	2.403525G	2.4205G	500k	2
16.275M	2.40385G	2.420125G	17M	2.403475G	2.420475G	500k	3
16.325M	2.403825G	2.42015G	16.95M	2.4035G	2.42045G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

26/10/2021



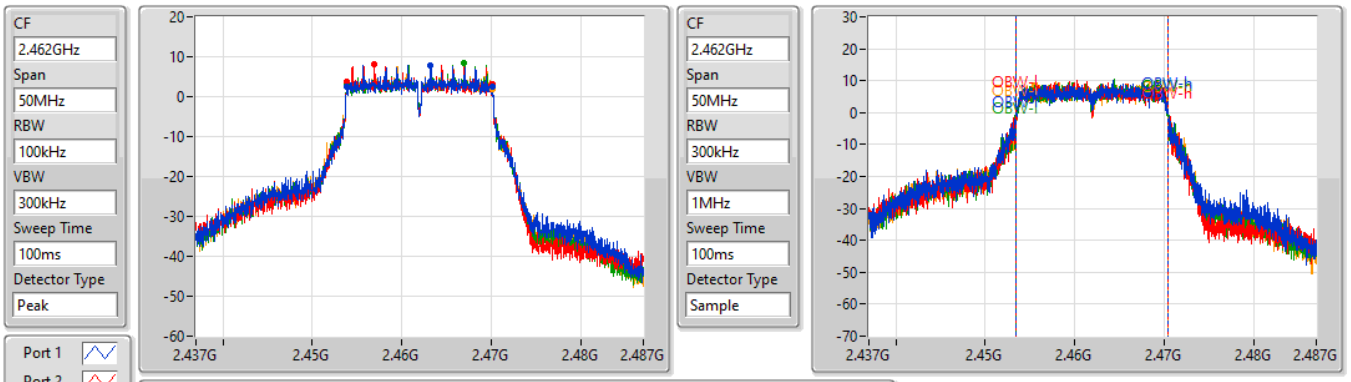
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	26.225M	2.42395G	2.450175G	500k	1
16.325M	2.428825G	2.44515G	23.925M	2.42495G	2.448875G	500k	2
16.325M	2.428825G	2.44515G	24.375M	2.424875G	2.44925G	500k	3
16.325M	2.428825G	2.44515G	24.825M	2.42455G	2.449375G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2462MHz

26/10/2021

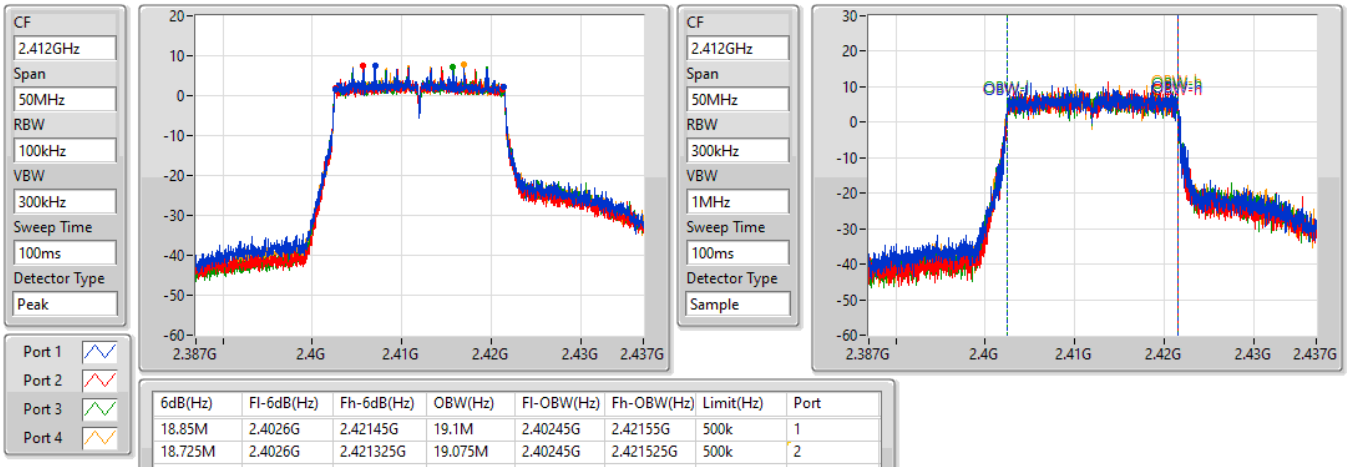


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.453825G	2.470125G	17.075M	2.453375G	2.47045G	500k	1
16.3M	2.45385G	2.47015G	16.9M	2.4535G	2.4704G	500k	2
16.3M	2.45385G	2.47015G	16.975M	2.45345G	2.470425G	500k	3
16.35M	2.453825G	2.470175G	17.05M	2.453425G	2.470475G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

26/10/2021

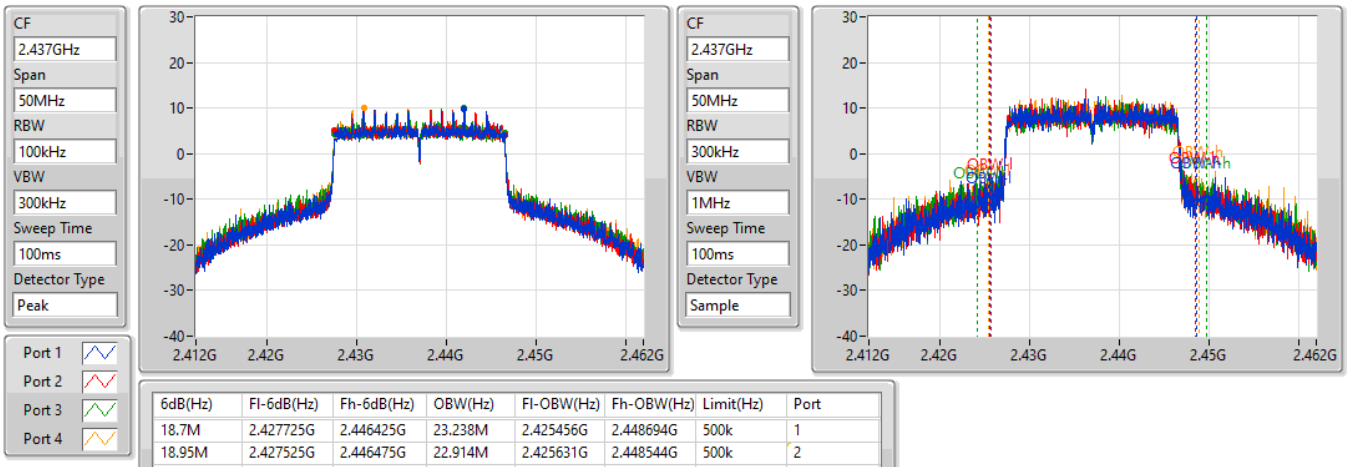


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	2.4026G	2.42145G	19.1M	2.40245G	2.42155G	500k	1
18.725M	2.4026G	2.421325G	19.075M	2.40245G	2.421525G	500k	2
18.75M	2.40255G	2.4213G	19.1M	2.402425G	2.421525G	500k	3
18.825M	2.402575G	2.4214G	19.125M	2.402425G	2.42155G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

26/10/2021



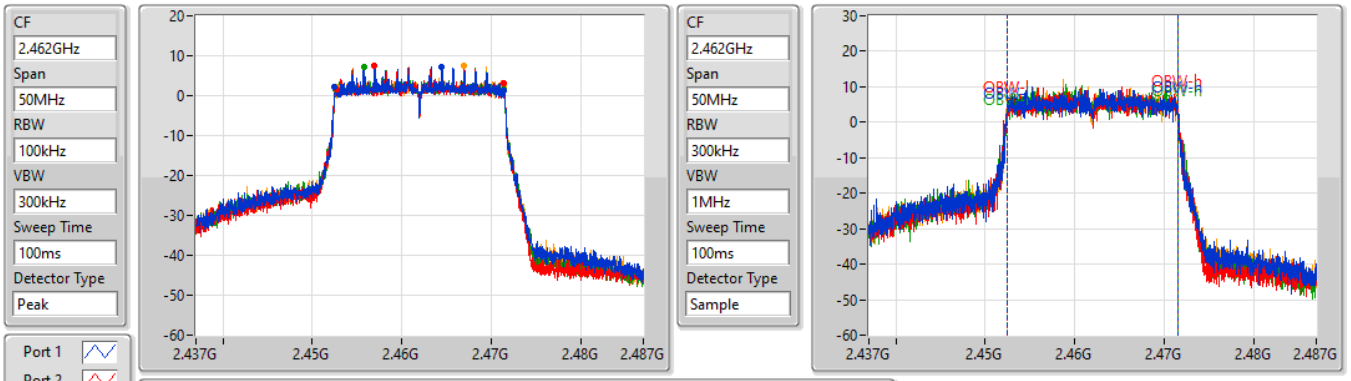
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.7M	2.427725G	2.446425G	23.238M	2.425456G	2.448694G	500k	1
18.95M	2.427525G	2.446475G	22.914M	2.425631G	2.448544G	500k	2
18.95M	2.427525G	2.446475G	25.662M	2.424081G	2.449744G	500k	3
18.9M	2.42755G	2.44645G	23.638M	2.425331G	2.448969G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2462MHz

26/10/2021



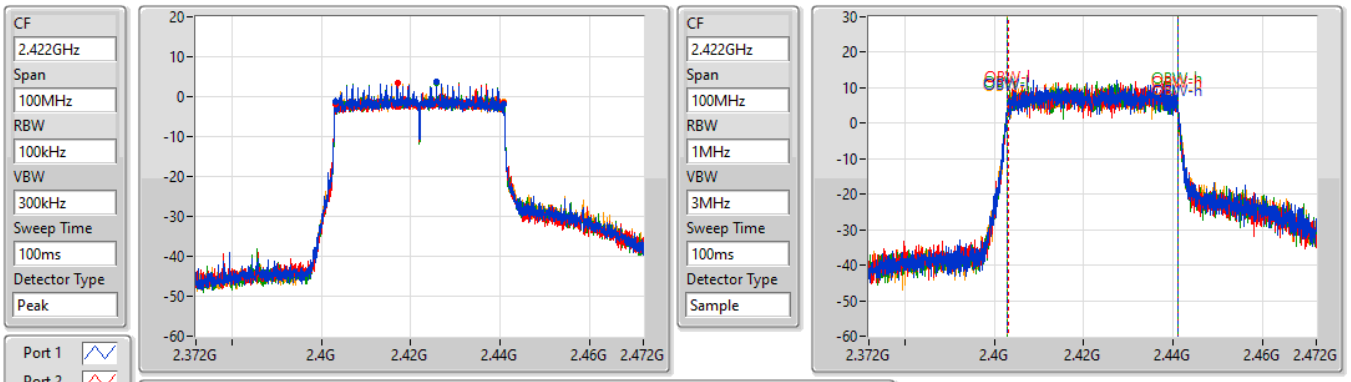
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.452525G	2.471425G	19.125M	2.4524G	2.471525G	500k	1
18.65M	2.452725G	2.471375G	19.1M	2.4524G	2.4715G	500k	2
18.75M	2.4526G	2.47135G	19.1M	2.4524G	2.4715G	500k	3
18.6M	2.4528G	2.4714G	19.1M	2.4524G	2.4715G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2422MHz

26/10/2021

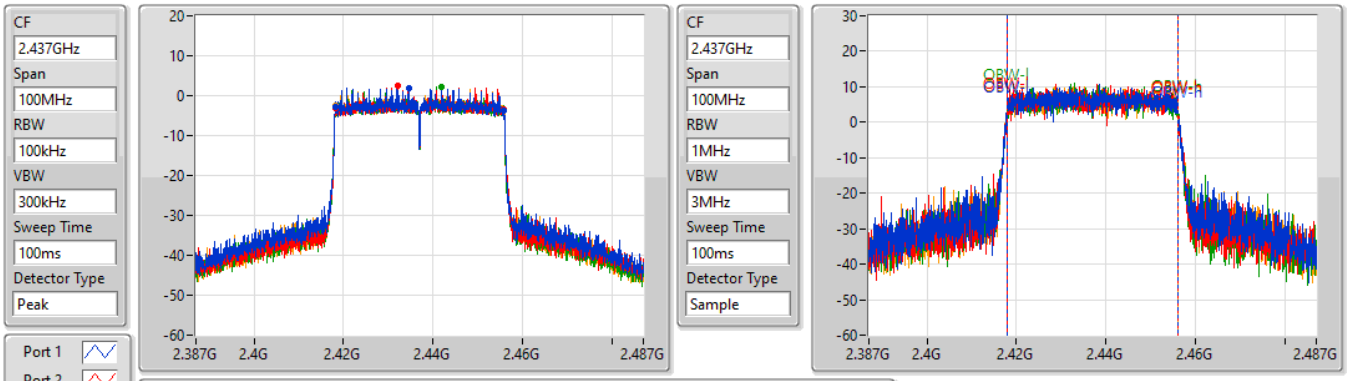


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.75M	2.4031G	2.44085G	38.05M	2.403G	2.44105G	500k	1
37.6M	2.4032G	2.4408G	37.95M	2.4031G	2.44105G	500k	2
37.6M	2.4032G	2.4408G	38.1M	2.40295G	2.44105G	500k	3
37.6M	2.40315G	2.44075G	38.1M	2.403G	2.4411G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

26/10/2021

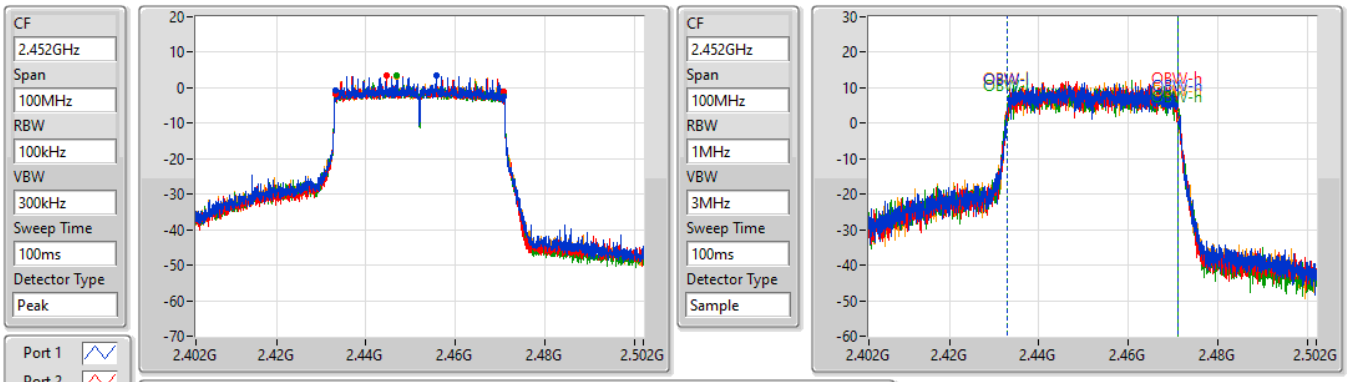


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.41815G	2.45585G	37.95M	2.418G	2.45595G	500k	1
37.5M	2.4182G	2.4557G	38.05M	2.41795G	2.456G	500k	2
37.65M	2.4182G	2.45585G	38M	2.41805G	2.45605G	500k	3
37.65M	2.41815G	2.4558G	38M	2.418G	2.456G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

26/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.75M	2.43315G	2.4709G	38.1M	2.4329G	2.471G	500k	1
37.65M	2.43315G	2.4708G	38.1M	2.43295G	2.47105G	500k	2
37.6M	2.43325G	2.47085G	38.3M	2.43285G	2.47115G	500k	3
37.55M	2.4332G	2.47075G	38.1M	2.4329G	2.471G	500k	4

For Scaning radio 4 / Ant. 13~Ant. 14 / non beamforming

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	7.525M	12.744M	12M7G1D	7M	12.119M
802.11g_Nss1,(6Mbps)_1TX	16.35M	28.586M	28M6D1D	16.325M	16.992M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.975M	25.887M	25M9D1D	18.9M	19.065M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.9M	38.031M	38M0D1D	37.75M	37.981M

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	7.525M	12.444M
2437MHz	Pass	500k	7M	12.744M
2462MHz	Pass	500k	7.525M	12.119M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.992M
2437MHz	Pass	500k	16.35M	28.586M
2462MHz	Pass	500k	16.325M	17.141M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.9M	19.065M
2437MHz	Pass	500k	18.975M	25.887M
2462MHz	Pass	500k	18.95M	19.115M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	37.75M	38.031M
2437MHz	Pass	500k	37.9M	37.981M
2452MHz	Pass	500k	37.75M	37.981M

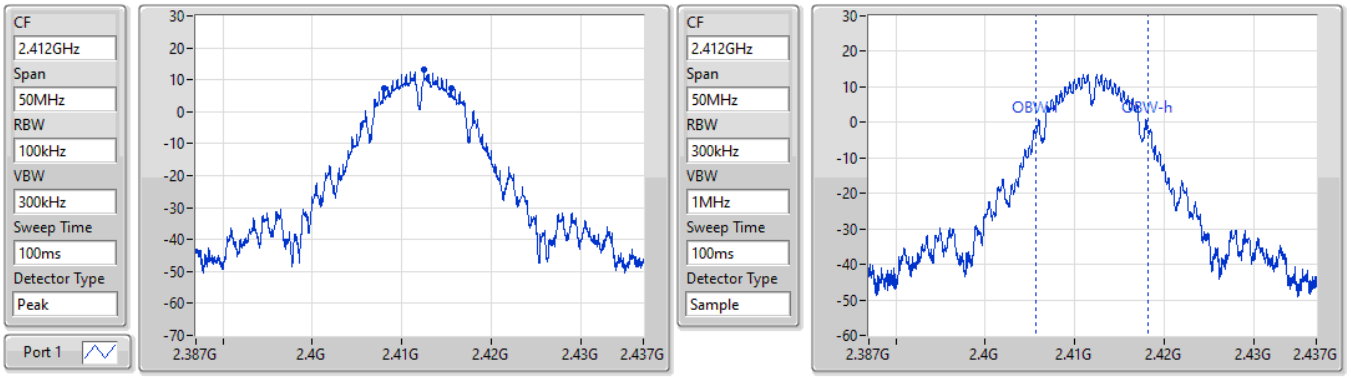
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

26/10/2021



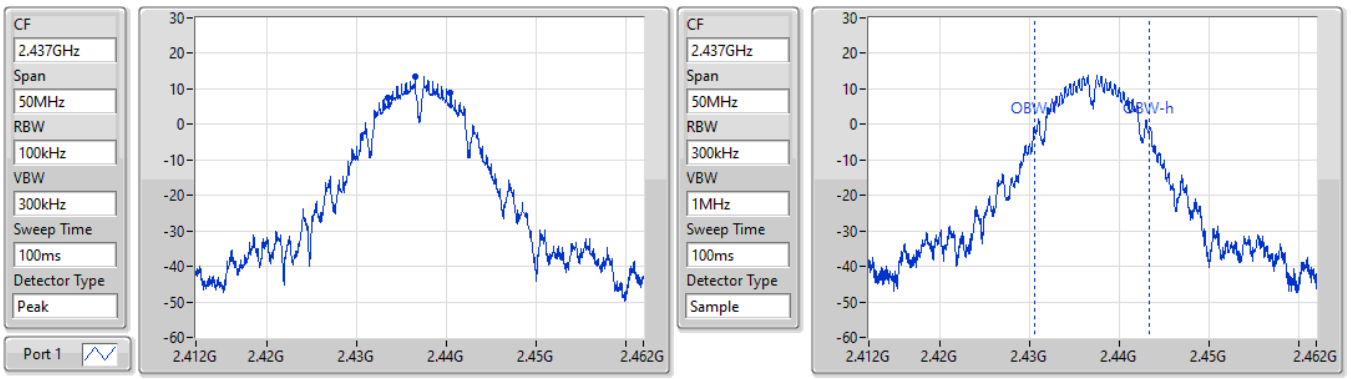
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.407975G	2.4155G	12.444M	2.405728G	2.418172G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

26/10/2021



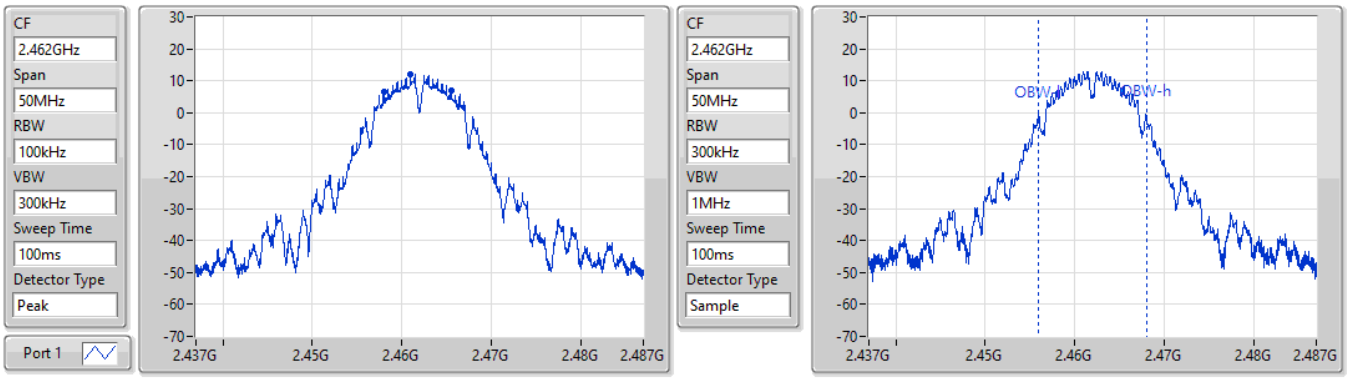
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7M	2.433475G	2.440475G	12.744M	2.430553G	2.443297G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

26/10/2021



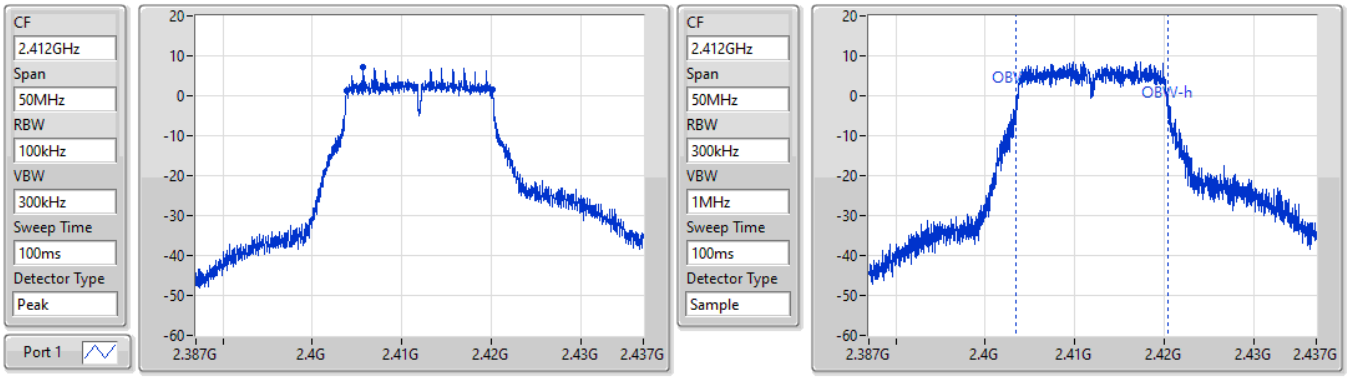
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.457975G	2.4655G	12.119M	2.455903G	2.468022G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

26/10/2021

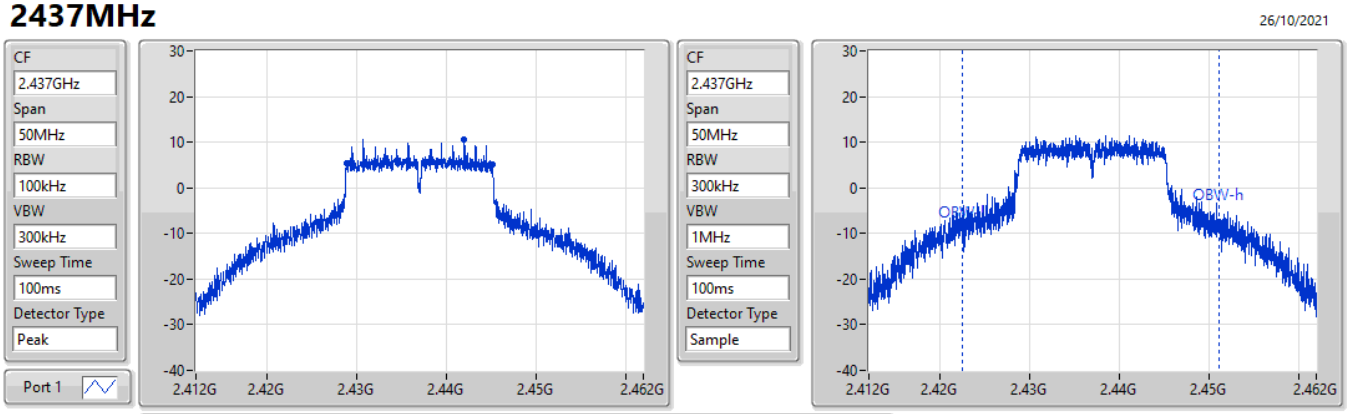


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.4038G	2.420125G	16.992M	2.403479G	2.420471G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

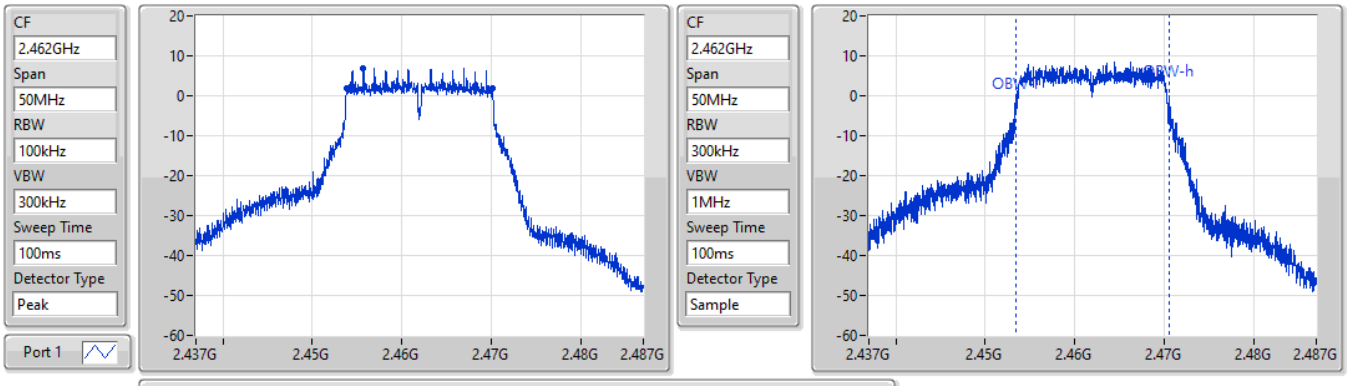


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4288G	2.44515G	28.586M	2.422507G	2.451093G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz



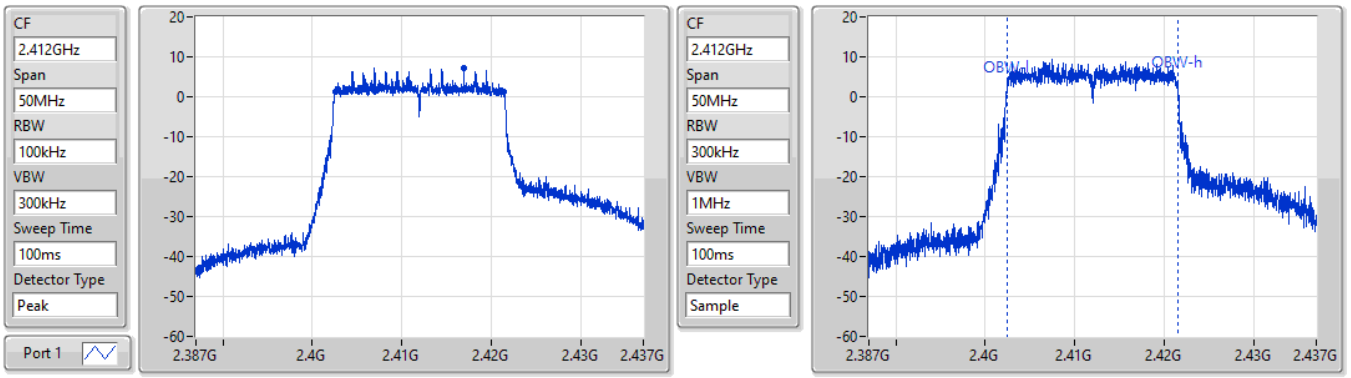
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	17.141M	2.453379G	2.470521G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2412MHz

26/10/2021



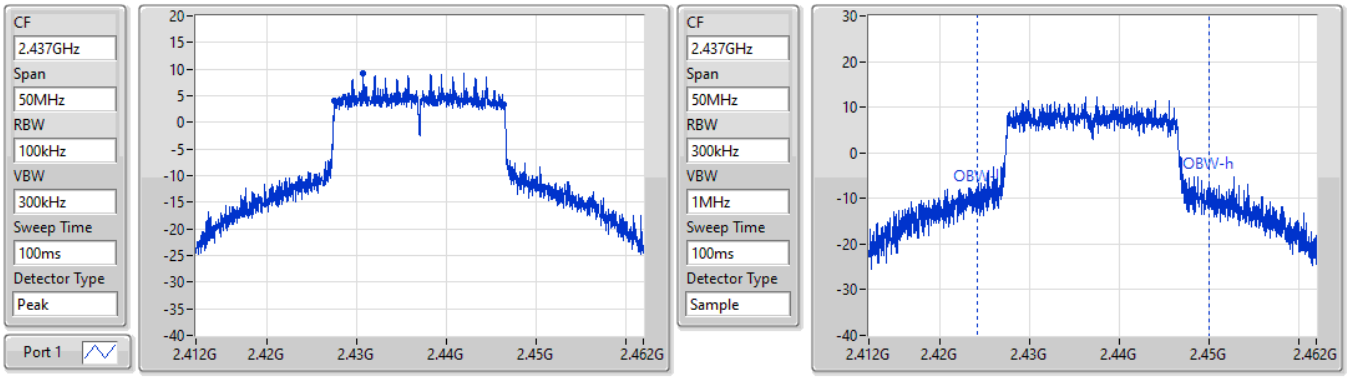
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.40255G	2.42145G	19.065M	2.402455G	2.42152G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2437MHz

26/10/2021



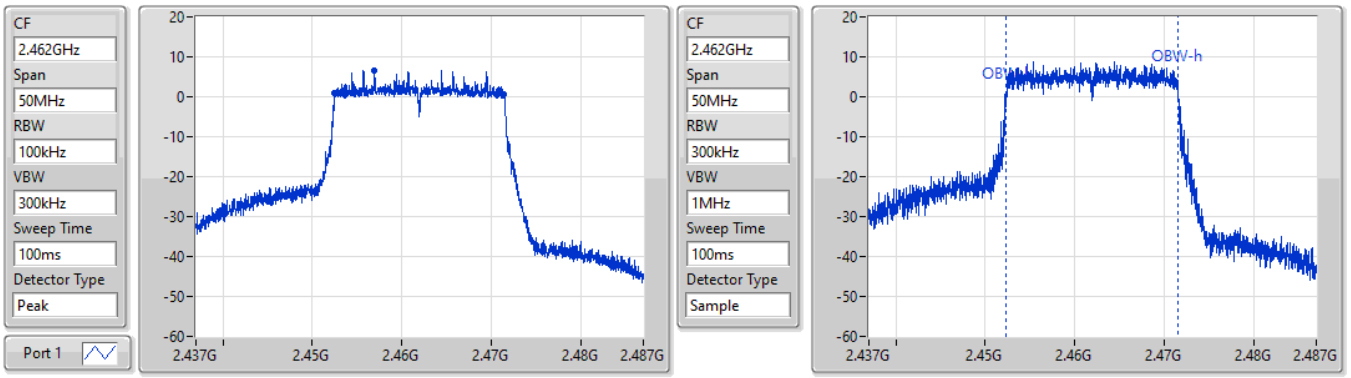
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.42745G	2.446425G	25.887M	2.424081G	2.449969G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2462MHz

26/10/2021



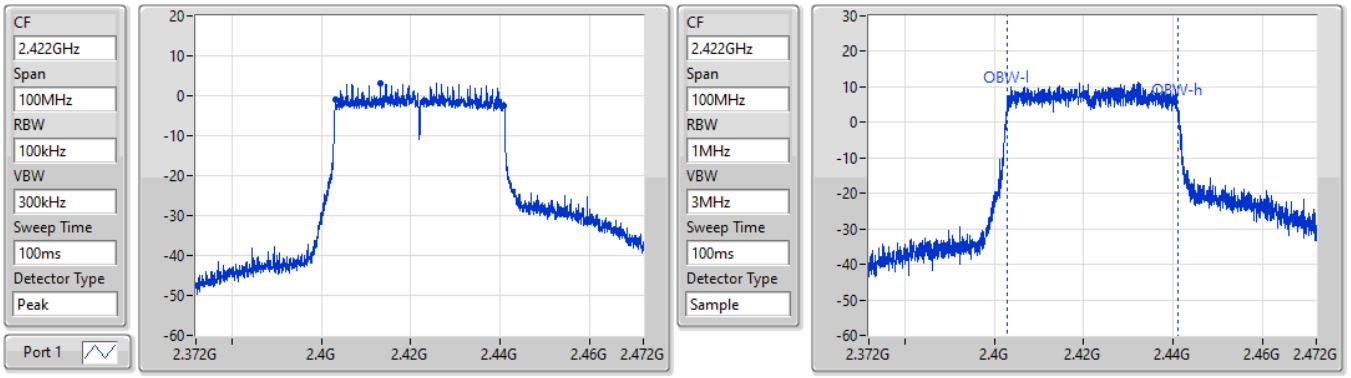
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4525G	2.47145G	19.115M	2.45238G	2.471495G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

2422MHz

26/10/2021



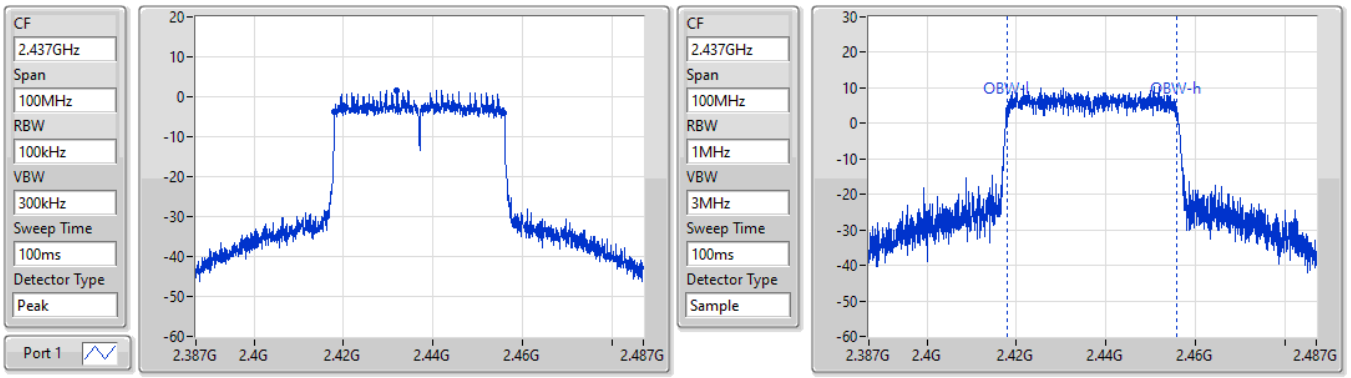
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.75M	2.40315G	2.4409G	38.031M	2.40296G	2.440991G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

2437MHz

26/10/2021



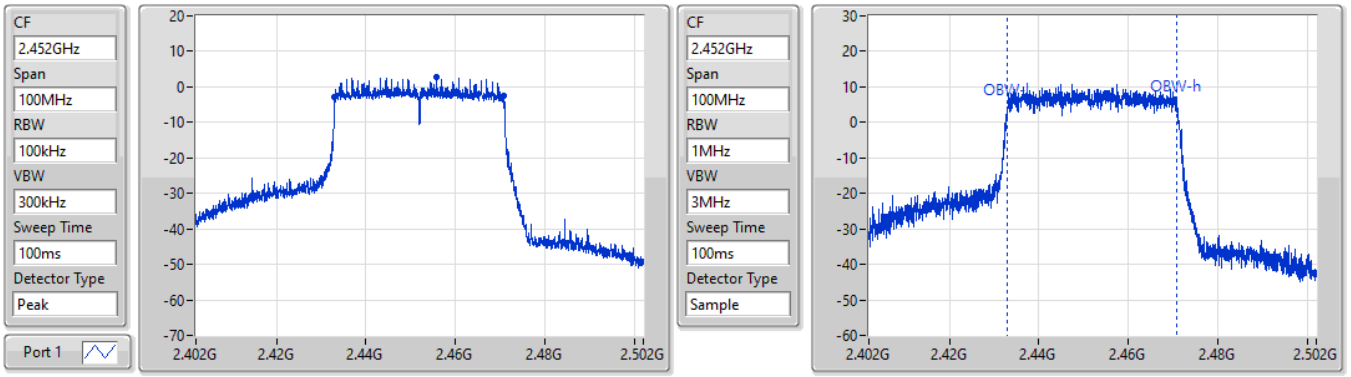
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.418G	2.4559G	37.981M	2.41796G	2.455941G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

2452MHz

26/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.75M	2.43305G	2.4708G	37.981M	2.43296G	2.470941G	500k	1

For radio 2 / Ant. 16 / non beamforming

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)_4TX	7.525M	12.044M	12M0G1D	7M	11.344M
802.11g_Nss1,(6Mbps)_4TX	16.35M	19.79M	19M8D1D	16.3M	16.867M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.025M	19.29M	19M3D1D	18.45M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.85M	38.031M	38M0D1D	37.5M	37.831M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	11.469M	7.05M	11.519M	7M	11.619M	7.525M	11.669M
2437MHz	Pass	500k	7.075M	11.969M	7M	11.919M	7.075M	12.044M	7.05M	12.044M
2462MHz	Pass	500k	7.05M	11.344M	7.05M	11.569M	7.075M	11.794M	7.025M	11.794M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	17.016M	16.325M	16.867M	16.325M	16.917M	16.325M	16.892M
2437MHz	Pass	500k	16.325M	19.79M	16.35M	17.741M	16.325M	17.791M	16.325M	17.566M
2462MHz	Pass	500k	16.325M	16.992M	16.3M	16.942M	16.325M	17.066M	16.3M	16.942M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.7M	19.065M	18.875M	19.065M	18.45M	19.065M	18.925M	19.065M
2437MHz	Pass	500k	18.875M	19.29M	18.95M	19.19M	18.875M	19.165M	19.025M	19.19M
2462MHz	Pass	500k	18.85M	19.04M	18.9M	19.115M	18.85M	19.04M	18.675M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.65M	37.981M	37.6M	37.981M	37.75M	37.981M	37.55M	37.931M
2437MHz	Pass	500k	37.7M	37.831M	37.75M	37.831M	37.65M	37.931M	37.85M	37.931M
2452MHz	Pass	500k	37.65M	37.981M	37.5M	37.981M	37.65M	37.981M	37.75M	38.031M

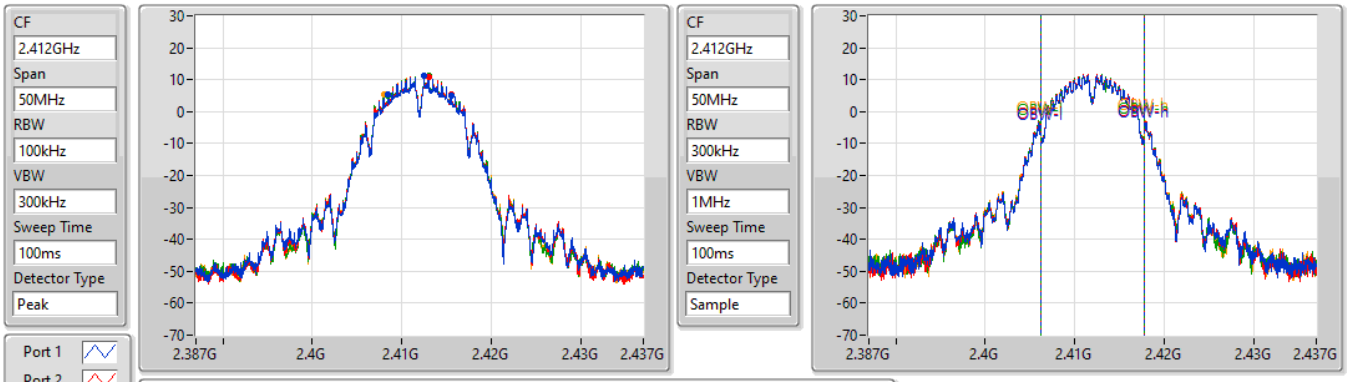
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

14/01/2022



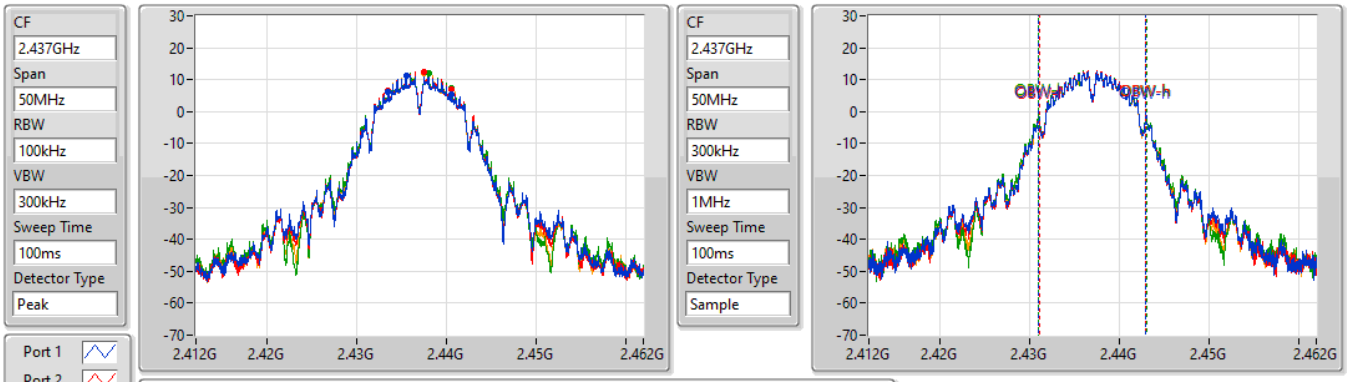
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.408475G	2.415525G	11.469M	2.406278G	2.417747G	500k	1
7.05M	2.408475G	2.415525G	11.519M	2.406228G	2.417747G	500k	2
7M	2.4085G	2.4155G	11.619M	2.406178G	2.417797G	500k	3
7.525M	2.408G	2.415525G	11.669M	2.406153G	2.417822G	500k	4

802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

14/01/2022



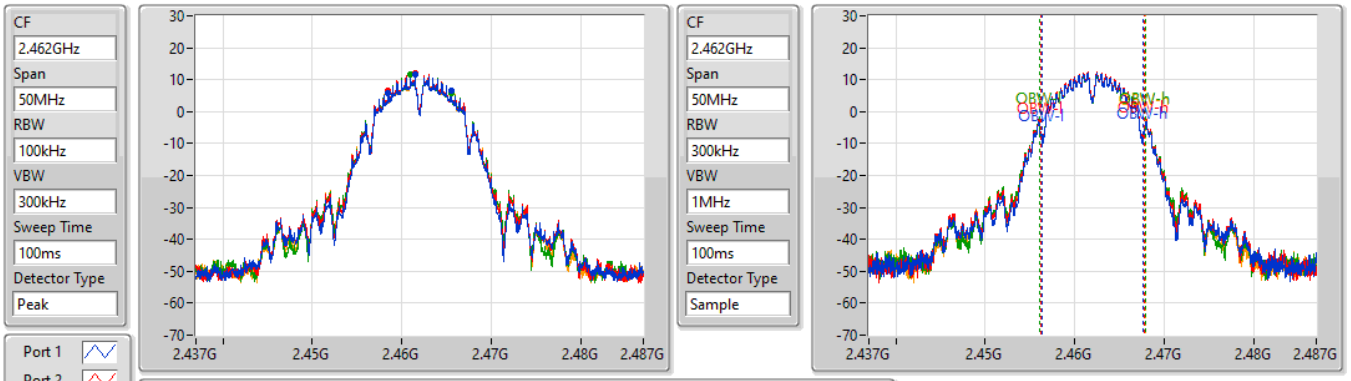
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.43345G	2.440525G	11.969M	2.431003G	2.442972G	500k	1
7M	2.4335G	2.4405G	11.919M	2.431028G	2.442947G	500k	2
7.075M	2.43345G	2.440525G	12.044M	2.430953G	2.442997G	500k	3
7.05M	2.43345G	2.4405G	12.044M	2.430953G	2.442997G	500k	4

802.11b_Nss1,(1Mbps)_4TX

EBW

2462MHz

14/01/2022



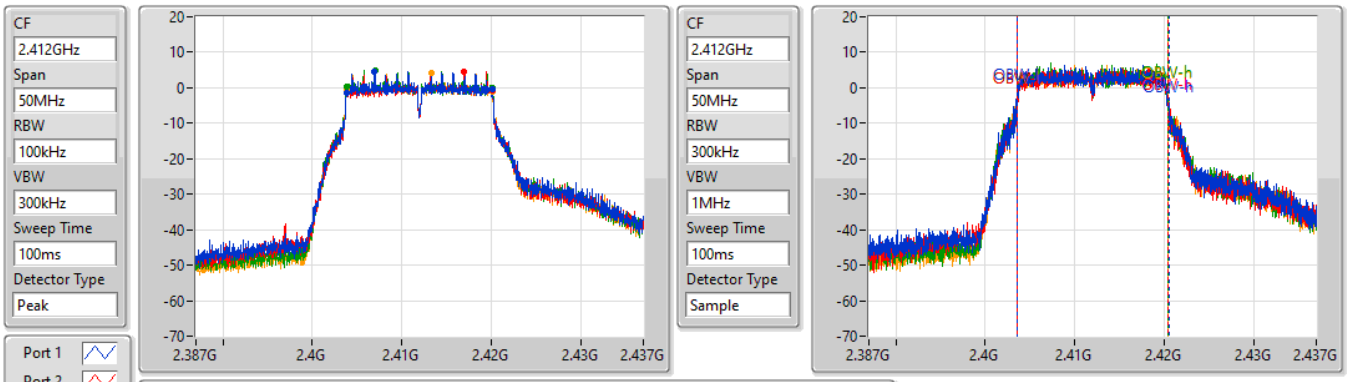
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.458475G	2.465525G	11.344M	2.456353G	2.467697G	500k	1
7.05M	2.458475G	2.465525G	11.569M	2.456203G	2.467772G	500k	2
7.075M	2.45845G	2.465525G	11.794M	2.456078G	2.467872G	500k	3
7.025M	2.458475G	2.4655G	11.794M	2.456078G	2.467872G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

14/01/2022



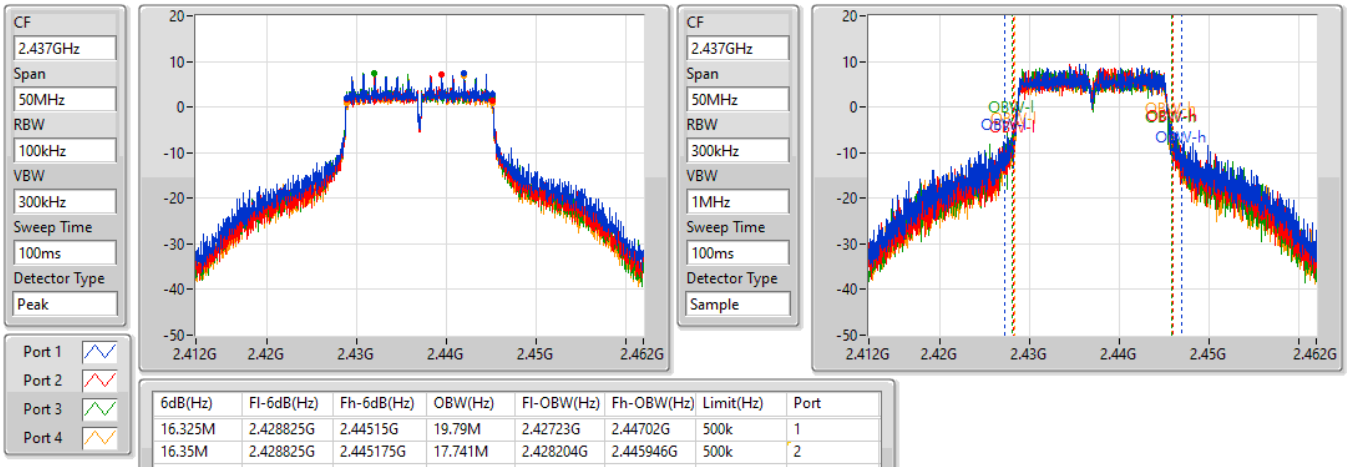
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	17.016M	2.403504G	2.420521G	500k	1
16.325M	2.403825G	2.42015G	16.867M	2.403579G	2.420446G	500k	2
16.325M	2.403825G	2.42015G	16.917M	2.403554G	2.420471G	500k	3
16.325M	2.403825G	2.42015G	16.892M	2.403579G	2.420471G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

14/01/2022



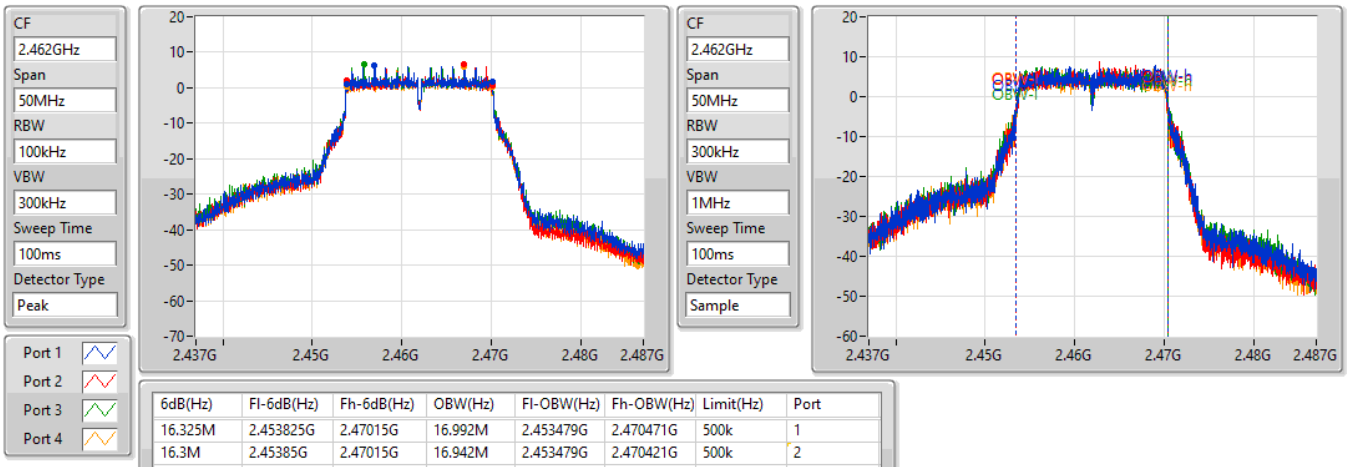
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	19.79M	2.42723G	2.44702G	500k	1
16.35M	2.428825G	2.445175G	17.741M	2.428204G	2.445946G	500k	2
16.325M	2.428825G	2.44515G	17.791M	2.428029G	2.445821G	500k	3
16.325M	2.428825G	2.44515G	17.566M	2.428229G	2.445796G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2462MHz

14/01/2022

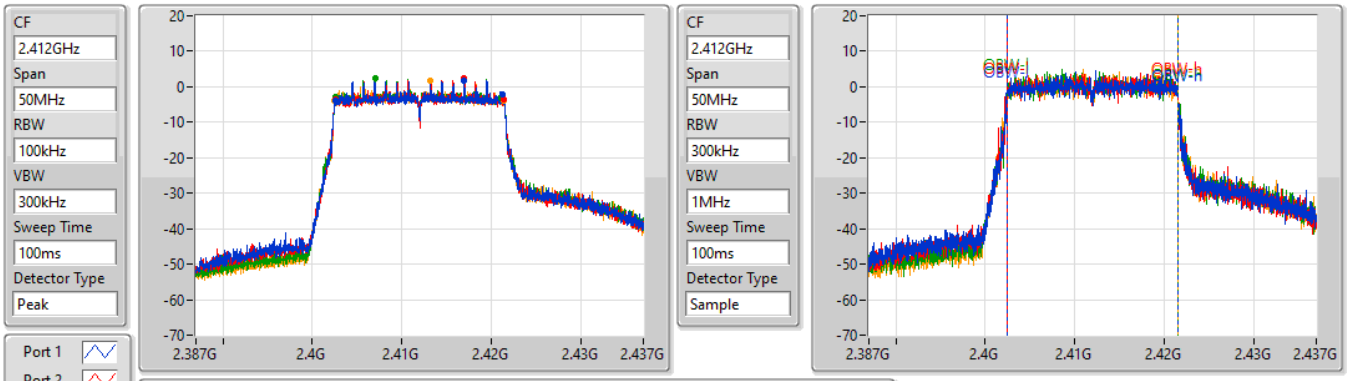


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.992M	2.453479G	2.470471G	500k	1
16.3M	2.45385G	2.47015G	16.942M	2.453479G	2.470421G	500k	2
16.325M	2.453825G	2.47015G	17.066M	2.453379G	2.470446G	500k	3
16.3M	2.45385G	2.47015G	16.942M	2.453454G	2.470396G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

14/01/2022

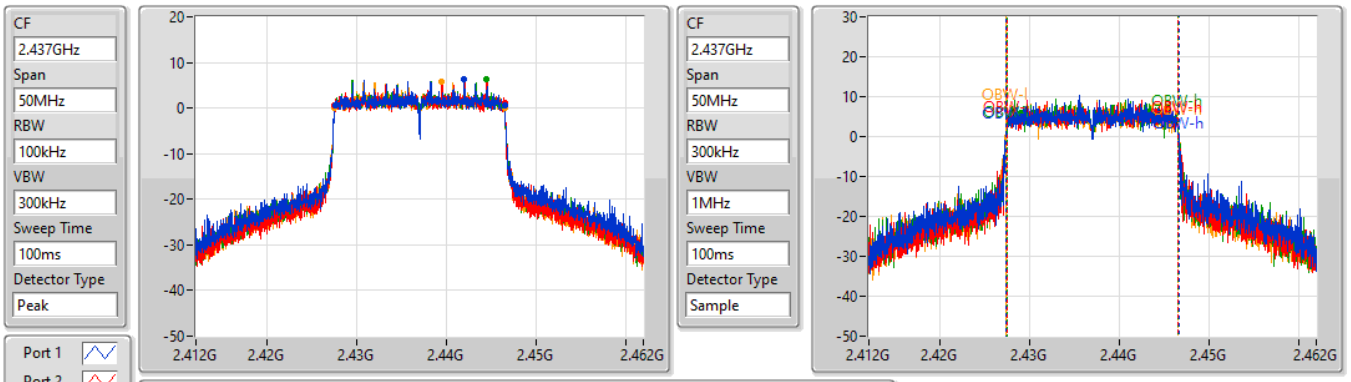


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.7M	2.402625G	2.421325G	19.065M	2.402455G	2.42152G	500k	1
18.875M	2.40255G	2.421425G	19.065M	2.40243G	2.421495G	500k	2
18.45M	2.40265G	2.4211G	19.065M	2.402455G	2.42152G	500k	3
18.925M	2.402525G	2.42145G	19.065M	2.402455G	2.42152G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

14/01/2022



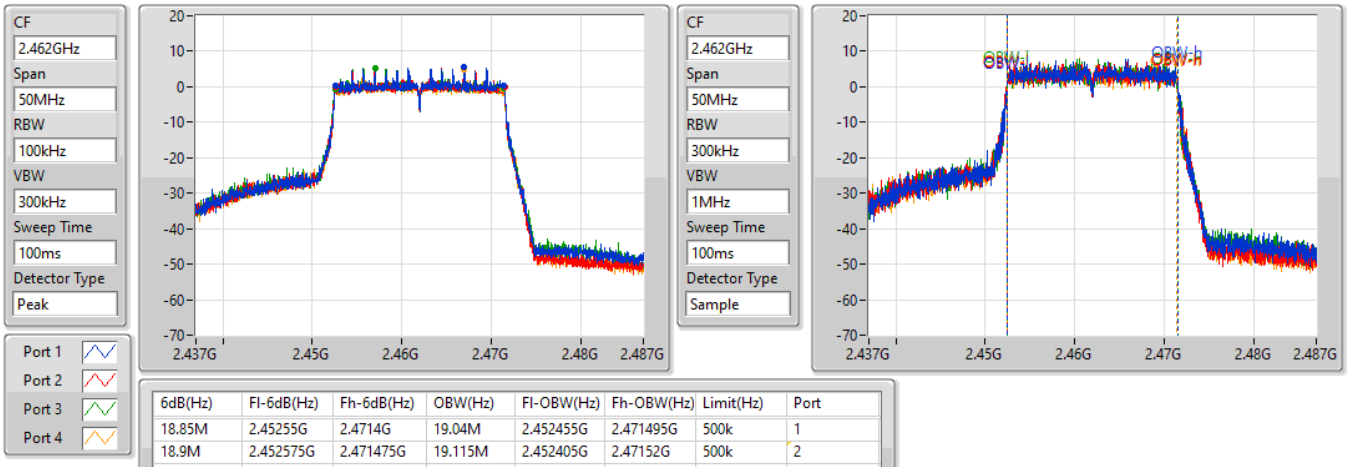
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.4276G	2.446475G	19.29M	2.42733G	2.44662G	500k	1
18.95M	2.427525G	2.446475G	19.19M	2.427405G	2.446595G	500k	2
18.875M	2.42755G	2.446425G	19.165M	2.427405G	2.44657G	500k	3
19.025M	2.427475G	2.4465G	19.19M	2.427355G	2.446545G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2462MHz

14/01/2022



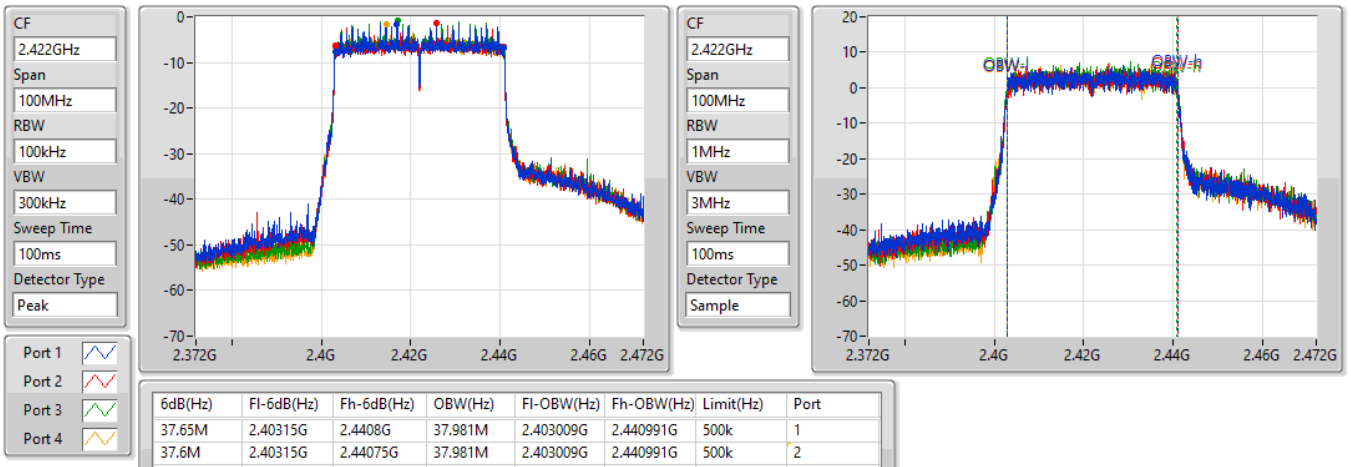
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	2.45255G	2.4714G	19.04M	2.452455G	2.471495G	500k	1
18.9M	2.452575G	2.471475G	19.115M	2.452405G	2.47152G	500k	2
18.85M	2.452575G	2.471425G	19.04M	2.452455G	2.471495G	500k	3
18.675M	2.452575G	2.47125G	19.04M	2.45243G	2.47147G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2422MHz

14/01/2022

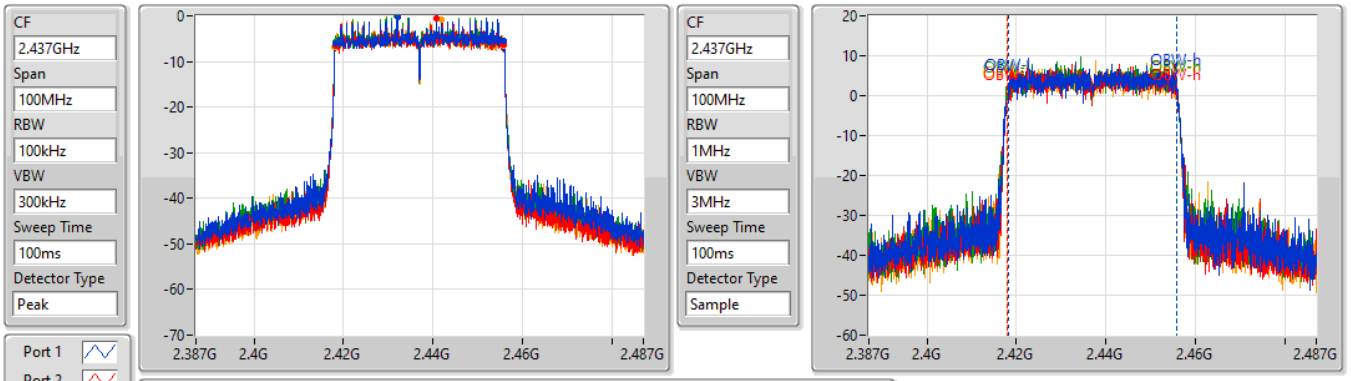


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.40315G	2.4408G	37.981M	2.403009G	2.440991G	500k	1
37.6M	2.40315G	2.44075G	37.981M	2.403009G	2.440991G	500k	2
37.75M	2.40315G	2.4409G	37.981M	2.40296G	2.440941G	500k	3
37.55M	2.4032G	2.44075G	37.931M	2.403009G	2.440941G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

14/01/2022

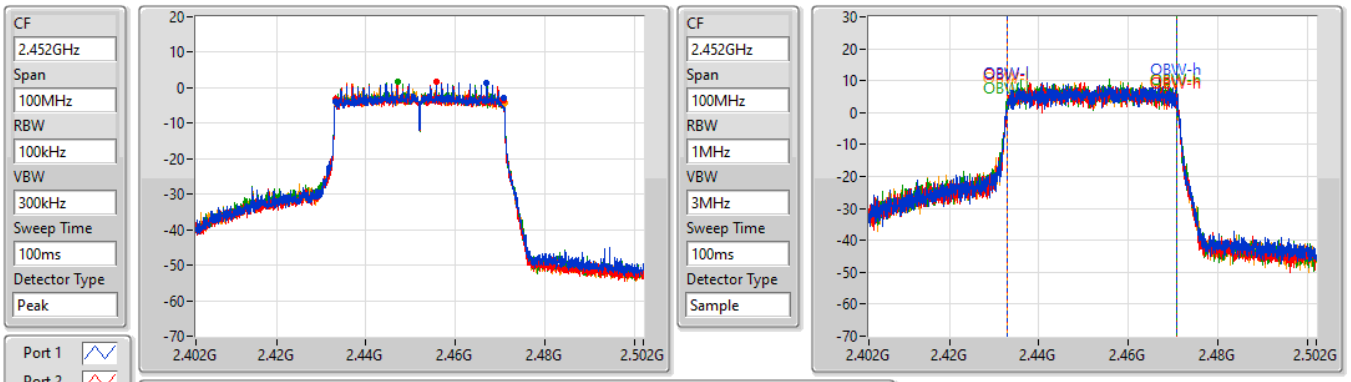


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.41815G	2.45585G	37.831M	2.418059G	2.455891G	500k	1
37.75M	2.41815G	2.4559G	37.831M	2.418009G	2.455841G	500k	2
37.65M	2.41815G	2.4558G	37.931M	2.41796G	2.455891G	500k	3
37.85M	2.41805G	2.4559G	37.931M	2.418009G	2.455941G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

14/01/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.43315G	2.4708G	37.981M	2.43296G	2.470941G	500k	1
37.5M	2.4332G	2.4707G	37.981M	2.43296G	2.470941G	500k	2
37.65M	2.43315G	2.4708G	37.981M	2.43291G	2.470891G	500k	3
37.75M	2.4332G	2.47095G	38.031M	2.43286G	2.470891G	500k	4

For radio 2 / Ant. 17 / non beamforming

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)_4TX	7.55M	14.318M	14M3G1D	6.575M	10.37M
802.11g_Nss1,(6Mbps)_4TX	16.375M	17.216M	17M2D1D	16.325M	16.817M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.975M	19.09M	19M1D1D	18.5M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.8M	38.081M	38M1D1D	37.5M	37.881M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	10.37M	7.05M	10.37M	7M	10.395M	7.025M	10.42M
2437MHz	Pass	500k	7.525M	14.318M	6.575M	14.243M	7.55M	13.468M	7.5M	13.293M
2462MHz	Pass	500k	7.05M	10.495M	7.025M	10.52M	7.05M	10.97M	7.025M	10.67M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.892M	16.375M	16.892M	16.325M	16.942M	16.325M	16.917M
2437MHz	Pass	500k	16.375M	17.216M	16.325M	17.016M	16.325M	16.992M	16.325M	17.016M
2462MHz	Pass	500k	16.325M	16.892M	16.325M	16.817M	16.325M	16.992M	16.325M	16.967M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.825M	19.065M	18.65M	19.065M	18.5M	19.065M	18.8M	19.065M
2437MHz	Pass	500k	18.95M	19.065M	18.9M	19.04M	18.925M	19.04M	18.975M	19.04M
2462MHz	Pass	500k	18.925M	19.09M	18.875M	19.04M	18.875M	19.04M	18.975M	19.065M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.8M	38.031M	37.6M	37.931M	37.5M	37.981M	37.5M	38.081M
2437MHz	Pass	500k	37.7M	37.881M	37.6M	37.881M	37.8M	37.881M	37.8M	37.881M
2452MHz	Pass	500k	37.65M	37.931M	37.5M	37.981M	37.7M	37.981M	37.55M	37.981M

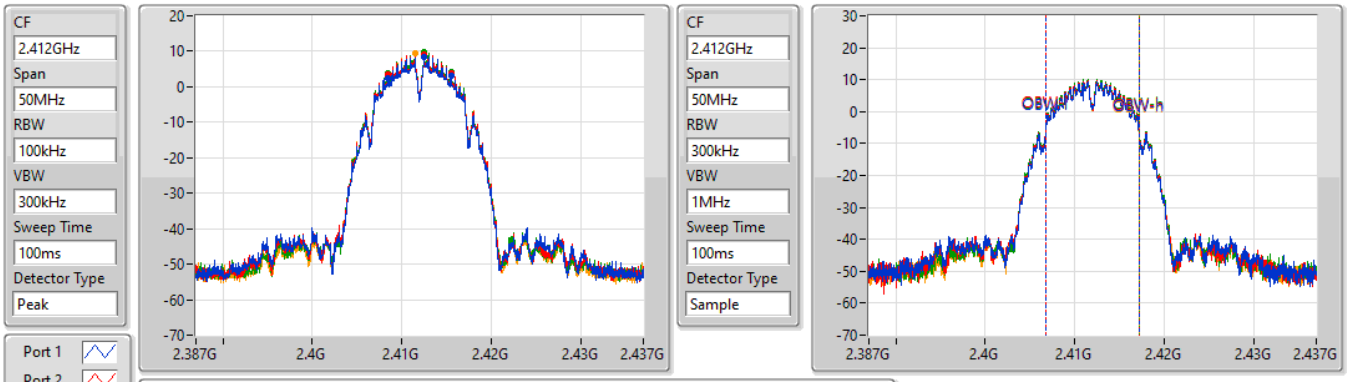
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

14/01/2022



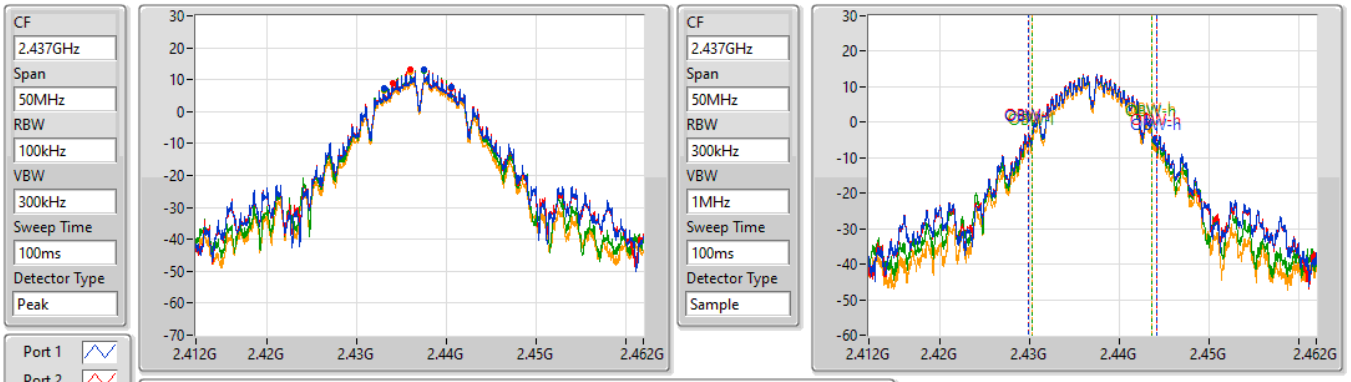
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.40845G	2.415525G	10.37M	2.406803G	2.417172G	500k	1
7.05M	2.408475G	2.415525G	10.37M	2.406803G	2.417172G	500k	2
7M	2.4085G	2.4155G	10.395M	2.406778G	2.417172G	500k	3
7.025M	2.408475G	2.4155G	10.42M	2.406778G	2.417197G	500k	4

802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

14/01/2022



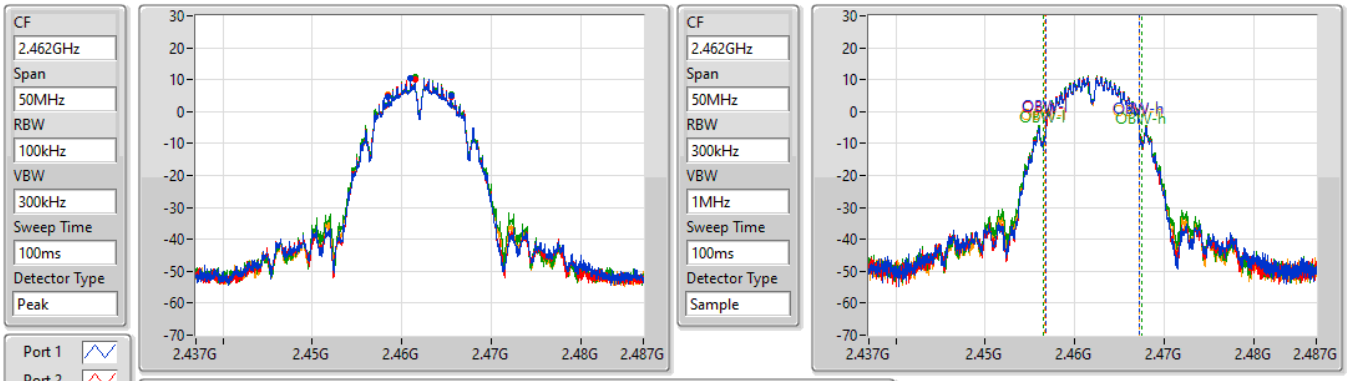
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.432975G	2.4405G	14.318M	2.429879G	2.444196G	500k	1
6.575M	2.43395G	2.440525G	14.243M	2.429879G	2.444121G	500k	2
7.55M	2.432975G	2.440525G	13.468M	2.430203G	2.443672G	500k	3
7.5M	2.432975G	2.440475G	13.293M	2.430303G	2.443597G	500k	4

802.11b_Nss1,(1Mbps)_4TX

EBW

2462MHz

14/01/2022



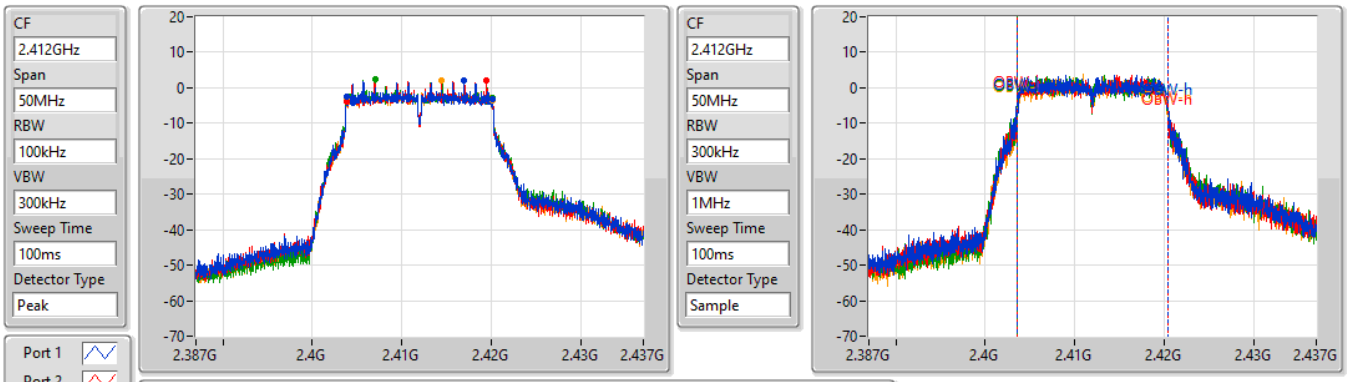
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.45845G	2.4655G	10.495M	2.456753G	2.467247G	500k	1
7.025M	2.458475G	2.4655G	10.52M	2.456728G	2.467247G	500k	2
7.05M	2.45845G	2.4655G	10.97M	2.456503G	2.467472G	500k	3
7.025M	2.458475G	2.4655G	10.67M	2.456603G	2.467272G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

14/01/2022



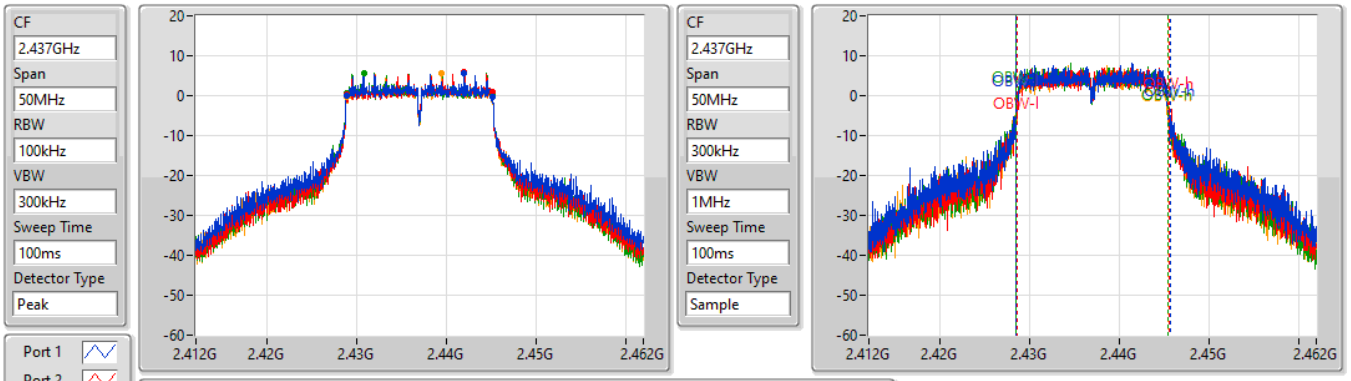
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.892M	2.403579G	2.420471G	500k	1
16.375M	2.4038G	2.420175G	16.892M	2.403579G	2.420471G	500k	2
16.325M	2.403825G	2.42015G	16.942M	2.403529G	2.420471G	500k	3
16.325M	2.403825G	2.42015G	16.917M	2.403554G	2.420471G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

14/01/2022



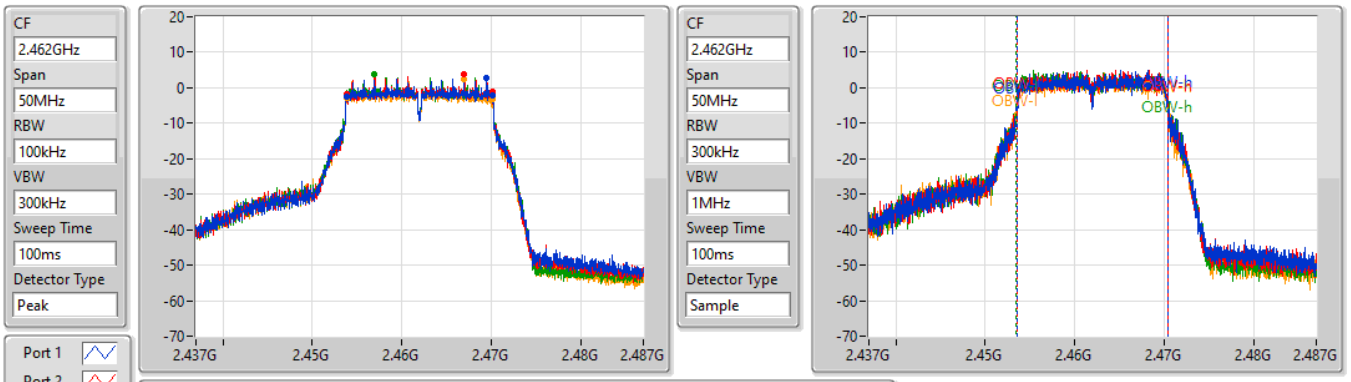
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	2.4288G	2.445175G	17.216M	2.428429G	2.445646G	500k	1
16.325M	2.428825G	2.44515G	17.016M	2.428504G	2.445521G	500k	2
16.325M	2.428825G	2.44515G	16.992M	2.428479G	2.445471G	500k	3
16.325M	2.428825G	2.44515G	17.016M	2.428454G	2.445471G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2462MHz

14/01/2022

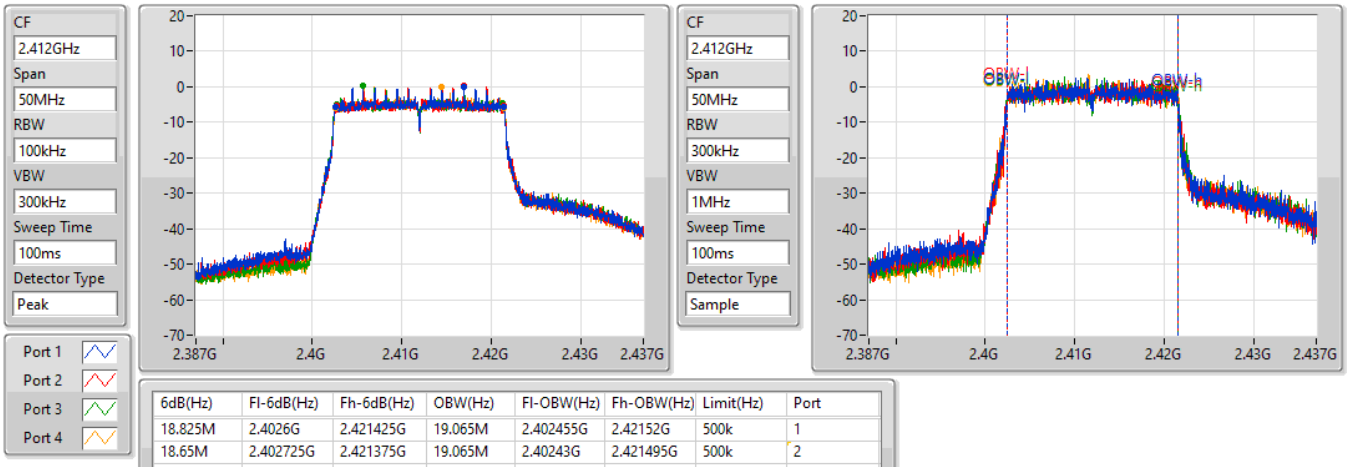


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.892M	2.453529G	2.470421G	500k	1
16.325M	2.453825G	2.47015G	16.817M	2.453554G	2.470371G	500k	2
16.325M	2.453825G	2.47015G	16.992M	2.453479G	2.470471G	500k	3
16.325M	2.453825G	2.47015G	16.967M	2.453404G	2.470371G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

14/01/2022

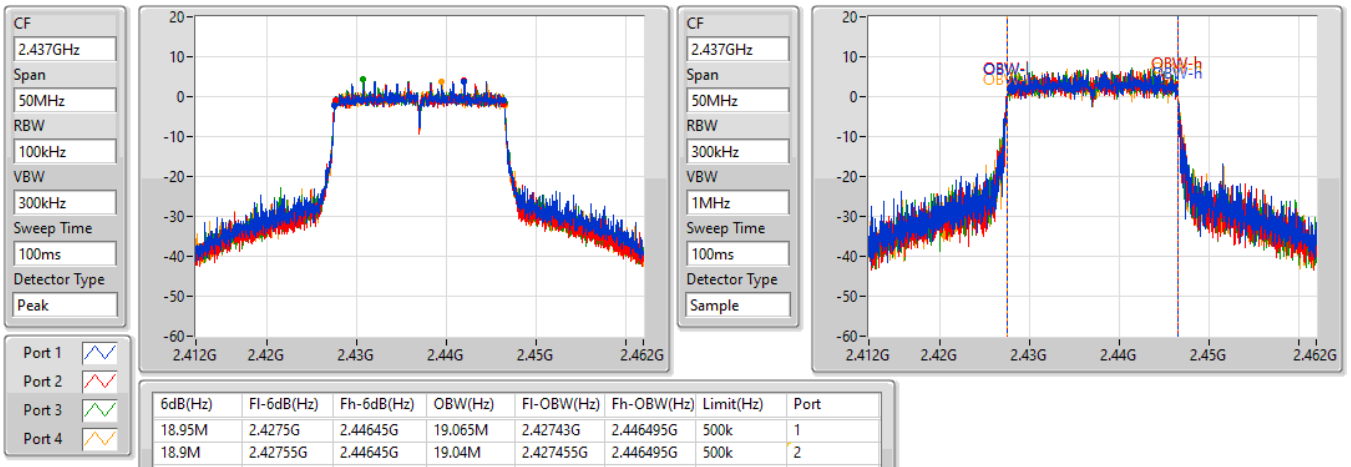


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.4026G	2.421425G	19.065M	2.402455G	2.42152G	500k	1
18.65M	2.402725G	2.421375G	19.065M	2.40243G	2.421495G	500k	2
18.5M	2.40275G	2.42125G	19.065M	2.402455G	2.42152G	500k	3
18.8M	2.40255G	2.42135G	19.065M	2.402455G	2.42152G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

14/01/2022



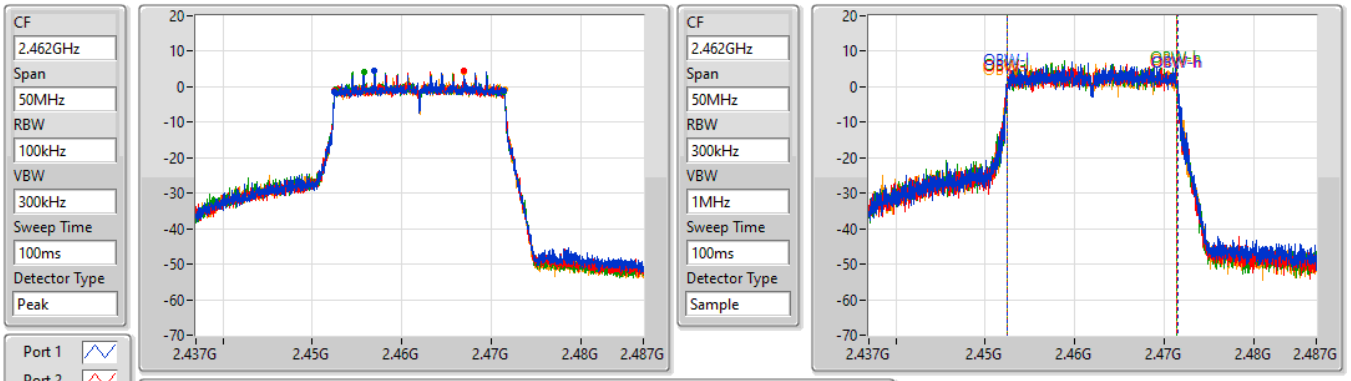
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4275G	2.44645G	19.065M	2.42743G	2.446495G	500k	1
18.9M	2.42755G	2.44645G	19.04M	2.427455G	2.446495G	500k	2
18.925M	2.42755G	2.446475G	19.04M	2.427455G	2.446495G	500k	3
18.975M	2.4275G	2.446475G	19.04M	2.427455G	2.446495G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2462MHz

14/01/2022



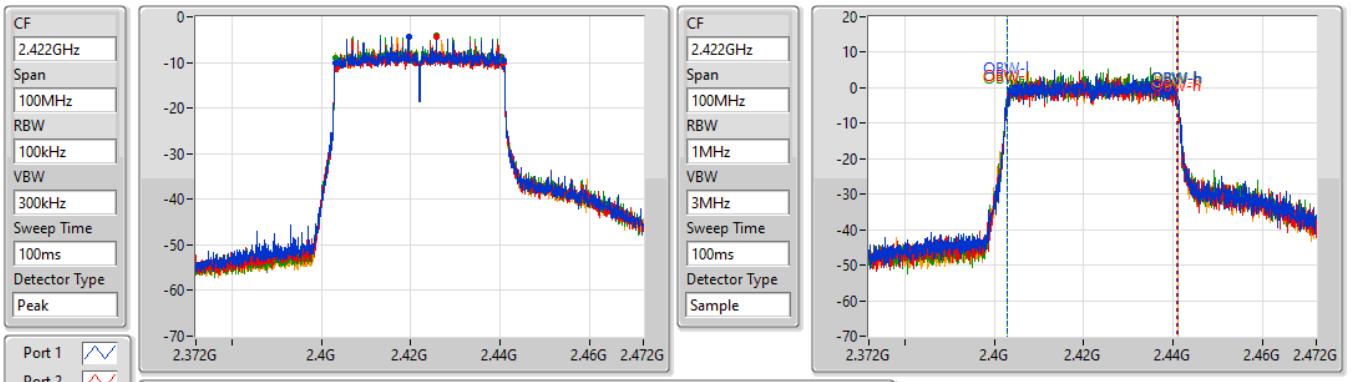
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.4525G	2.471425G	19.09M	2.452405G	2.471495G	500k	1
18.875M	2.452525G	2.4714G	19.04M	2.45243G	2.47147G	500k	2
18.875M	2.452575G	2.47145G	19.04M	2.45243G	2.47147G	500k	3
18.975M	2.4525G	2.471475G	19.065M	2.452405G	2.47147G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2422MHz

14/01/2022

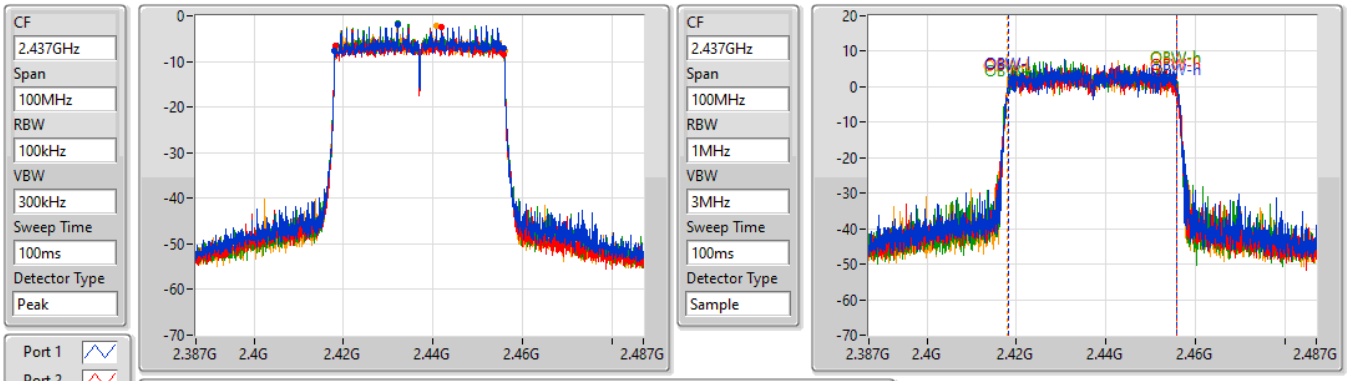


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.4031G	2.4409G	38.031M	2.403009G	2.44104G	500k	1
37.6M	2.40315G	2.44075G	37.931M	2.403009G	2.440941G	500k	2
37.5M	2.40315G	2.44065G	37.981M	2.40296G	2.440941G	500k	3
37.5M	2.40315G	2.44065G	38.081M	2.40296G	2.44104G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

14/01/2022

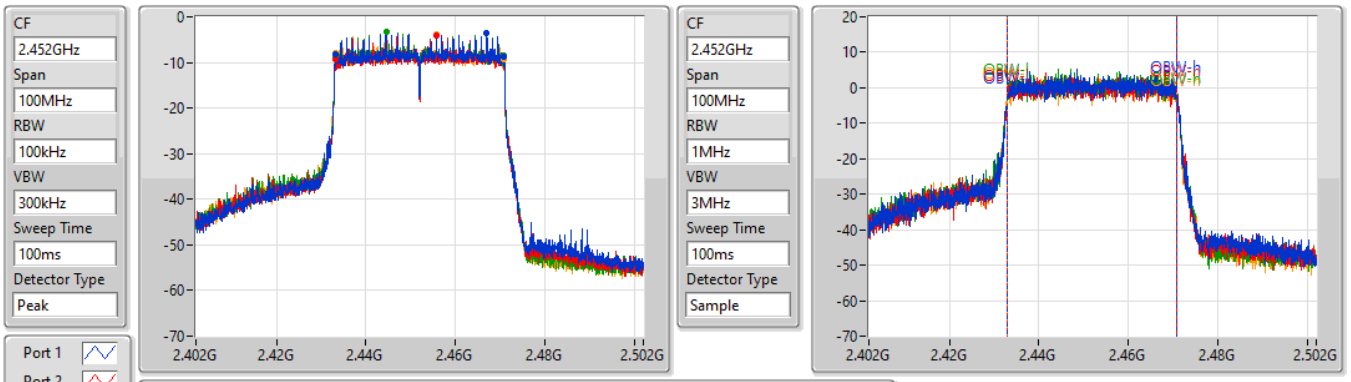


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.41805G	2.45575G	37.881M	2.418059G	2.455941G	500k	1
37.6M	2.4182G	2.4558G	37.881M	2.418059G	2.455941G	500k	2
37.8M	2.418G	2.4558G	37.881M	2.418059G	2.455941G	500k	3
37.8M	2.41815G	2.45595G	37.881M	2.418009G	2.455891G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

14/01/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.4332G	2.47085G	37.931M	2.43296G	2.470891G	500k	1
37.5M	2.4332G	2.4707G	37.981M	2.43296G	2.470941G	500k	2
37.7M	2.43315G	2.47085G	37.981M	2.43296G	2.470941G	500k	3
37.55M	2.4332G	2.47075G	37.981M	2.43296G	2.470941G	500k	4

For Radio 2 / Ant. 1~Ant. 4 / non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.78	0.95060
802.11g_Nss1,(6Mbps)_4TX	27.43	0.55335
802.11ax HEW20_Nss1,(MCS0)_4TX	26.36	0.43251
802.11ax HEW40_Nss1,(MCS0)_4TX	23.71	0.23496

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.04	21.85	22.14	21.73	21.64	27.86	30.00
2437MHz	Pass	2.04	23.95	23.92	23.74	23.40	29.78	30.00
2457MHz	Pass	2.04	22.10	22.16	22.16	21.93	28.11	30.00
2462MHz	Pass	2.04	21.13	21.10	20.93	20.81	27.02	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.04	18.23	17.89	18.10	18.15	24.11	30.00
2417MHz	Pass	2.04	20.91	20.60	21.07	20.91	26.90	30.00
2437MHz	Pass	2.04	21.37	21.36	21.44	21.48	27.43	30.00
2462MHz	Pass	2.04	19.16	19.01	18.91	19.06	25.06	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.04	18.46	18.20	18.21	18.46	24.35	30.00
2437MHz	Pass	2.04	20.45	20.21	20.19	20.48	26.36	30.00
2462MHz	Pass	2.04	18.35	18.19	18.28	18.27	24.29	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	2.04	17.51	17.42	17.57	17.60	23.55	30.00
2437MHz	Pass	2.04	16.72	16.64	16.66	16.74	22.71	30.00
2452MHz	Pass	2.04	17.74	17.67	17.61	17.72	23.71	30.00

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

For Radio 2 / Ant. 1~Ant. 4 / beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.36	0.43251
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.71	0.23496

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.23	18.46	18.2	18.21	18.46	24.35	30.00
2437MHz	Pass	4.23	20.45	20.21	20.19	20.48	26.36	30.00
2462MHz	Pass	4.23	18.35	18.19	18.28	18.27	24.29	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.23	17.51	17.42	17.57	17.6	23.55	30.00
2437MHz	Pass	4.23	16.72	16.64	16.66	16.74	22.71	30.00
2452MHz	Pass	4.23	17.74	17.67	17.61	17.72	23.71	30.00

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

For Scaning radio 4 / Ant. 13~Ant. 14 / non beamforming
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	21.28	0.13428
802.11g_Nss1,(6Mbps)_1TX	21.11	0.12912
802.11ax HEW20_Nss1,(MCS0)_1TX	20.30	0.10715
802.11ax HEW40_Nss1,(MCS0)_1TX	17.33	0.05408

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.00	21.12	21.12	30.00
2437MHz	Pass	5.00	21.28	21.28	30.00
2462MHz	Pass	5.00	20.45	20.45	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.00	18.00	18.00	30.00
2417MHz	Pass	5.00	18.75	18.75	30.00
2437MHz	Pass	5.00	21.11	21.11	30.00
2457MHz	Pass	5.00	19.79	19.79	30.00
2462MHz	Pass	5.00	17.79	17.79	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	5.00	17.97	17.97	30.00
2437MHz	Pass	5.00	20.30	20.30	30.00
2462MHz	Pass	5.00	17.54	17.54	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	5.00	17.33	17.33	30.00
2437MHz	Pass	5.00	16.29	16.29	30.00
2452MHz	Pass	5.00	16.75	16.75	30.00

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

For radio 2 / Ant. 16 / non beamforming
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	27.58	0.57280
802.11g_Nss1,(6Mbps)_4TX	24.70	0.29512
802.11ax HEW20_Nss1,(MCS0)_4TX	23.99	0.25061
802.11ax HEW40_Nss1,(MCS0)_4TX	21.86	0.15346

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	19.54	19.63	20.04	19.90	25.80	30.00
2417MHz	Pass	4.00	20.11	20.34	20.71	20.33	26.40	30.00
2437MHz	Pass	4.00	21.37	21.74	21.77	21.34	27.58	30.00
2457MHz	Pass	4.00	20.30	20.18	20.59	20.28	26.36	30.00
2462MHz	Pass	4.00	19.56	19.90	19.76	19.65	25.74	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	16.07	15.87	16.26	15.99	22.07	30.00
2417MHz	Pass	4.00	18.00	17.86	18.15	17.72	23.96	30.00
2437MHz	Pass	4.00	18.88	18.73	18.74	18.35	24.70	30.00
2457MHz	Pass	4.00	18.24	18.14	18.04	17.76	24.07	30.00
2462MHz	Pass	4.00	17.47	17.36	17.47	17.13	23.38	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	13.32	13.28	13.66	13.39	19.44	30.00
2417MHz	Pass	4.00	16.28	16.17	16.50	16.03	22.27	30.00
2437MHz	Pass	4.00	17.97	17.89	18.19	17.82	23.99	30.00
2457MHz	Pass	4.00	17.38	17.20	17.49	17.03	23.30	30.00
2462MHz	Pass	4.00	16.47	16.28	16.49	15.95	22.32	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.00	13.11	13.00	13.59	13.16	19.24	30.00
2437MHz	Pass	4.00	14.35	14.12	14.65	14.13	20.34	30.00
2452MHz	Pass	4.00	15.91	15.68	15.94	15.84	21.86	30.00

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

For radio 2 / Ant. 16 / beamforming
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.99	0.25061
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.86	0.15346

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.02	13.32	13.28	13.66	13.39	19.44	25.98
2417MHz	Pass	10.02	16.28	16.17	16.50	16.03	22.27	25.98
2437MHz	Pass	10.02	17.97	17.89	18.19	17.82	23.99	25.98
2457MHz	Pass	10.02	17.38	17.20	17.49	17.03	23.30	25.98
2462MHz	Pass	10.02	16.47	16.28	16.49	15.95	22.32	25.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	10.02	13.11	13.00	13.59	13.16	19.24	25.98
2437MHz	Pass	10.02	14.35	14.12	14.65	14.13	20.34	25.98
2452MHz	Pass	10.02	15.91	15.68	15.94	15.84	21.86	25.98

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

For radio 2 / Ant. 17 / non beamforming
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	27.28	0.53456
802.11g_Nss1,(6Mbps)_4TX	23.53	0.22542
802.11ax HEW20_Nss1,(MCS0)_4TX	22.19	0.16558
802.11ax HEW40_Nss1,(MCS0)_4TX	19.08	0.08091

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.00	17.28	17.81	18.24	17.87	23.83	28.00
2417MHz	Pass	8.00	18.45	18.67	19.05	18.74	24.75	28.00
2437MHz	Pass	8.00	21.26	21.65	21.52	20.53	27.28	28.00
2457MHz	Pass	8.00	19.54	19.76	19.79	19.50	25.67	28.00
2462MHz	Pass	8.00	18.37	18.81	18.82	17.53	24.43	28.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.00	13.67	13.72	13.82	13.77	19.77	28.00
2417MHz	Pass	8.00	14.73	14.77	14.92	14.83	20.83	28.00
2437MHz	Pass	8.00	17.68	17.47	17.56	17.32	23.53	28.00
2457MHz	Pass	8.00	16.46	16.18	16.58	16.07	22.35	28.00
2462MHz	Pass	8.00	14.65	14.88	15.00	14.63	20.81	28.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.00	11.75	11.57	11.68	11.68	17.69	28.00
2417MHz	Pass	8.00	14.68	14.58	14.97	14.69	20.75	28.00
2437MHz	Pass	8.00	16.18	16.11	16.32	16.05	22.19	28.00
2457MHz	Pass	8.00	16.30	14.90	16.43	15.94	21.95	28.00
2462MHz	Pass	8.00	15.79	15.63	15.85	15.52	21.72	28.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.00	10.80	10.30	11.00	10.55	16.69	28.00
2437MHz	Pass	8.00	13.21	12.66	13.33	12.99	19.08	28.00
2452MHz	Pass	8.00	10.90	10.78	11.35	10.83	16.99	28.00

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

For radio 2 / Ant. 17 / beamforming
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.95	0.15668
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.08	0.08091

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	14.02	11.75	11.57	11.68	11.68	17.69	21.98
2417MHz	Pass	14.02	14.68	14.58	14.97	14.69	20.75	21.98
2437MHz	Pass	14.02	15.89	15.79	16.11	15.71	21.90	21.98
2457MHz	Pass	14.02	16.30	14.90	16.43	15.94	21.95	21.98
2462MHz	Pass	14.02	15.79	15.63	15.85	15.52	21.72	21.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	14.02	10.80	10.30	11.00	10.55	16.69	21.98
2437MHz	Pass	14.02	13.21	12.66	13.33	12.99	19.08	21.98
2452MHz	Pass	14.02	10.90	10.78	11.35	10.83	16.99	21.98

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

For Radio 2 / Ant. 1~Ant. 4 / non beamforming mode
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	4.41
802.11g_Nss1,(6Mbps)_4TX	-0.36
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.47
802.11ax HEW40_Nss1,(MCS0)_4TX	-7.55

RBW = 3kHz;

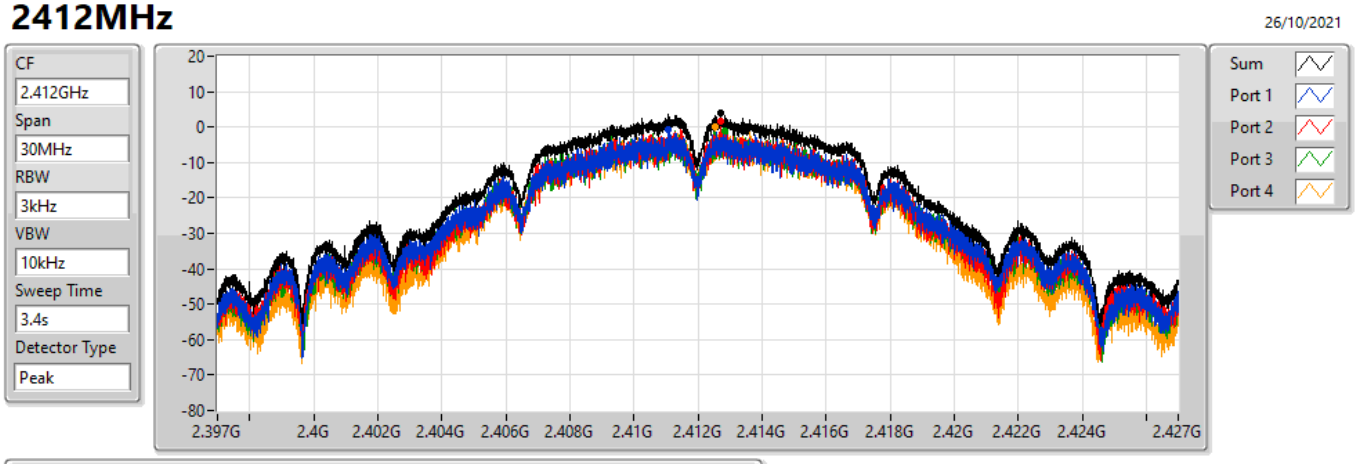
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.23	-0.57	1.49	-0.91	-0.04	4.12	8.00
2437MHz	Pass	4.23	0.62	-0.06	0.31	-0.31	4.41	8.00
2462MHz	Pass	4.23	-0.23	-1.04	-0.56	-1.17	2.97	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.23	-7.28	-8.20	-7.85	-7.96	-3.35	8.00
2437MHz	Pass	4.23	-3.94	-3.93	-3.30	-4.11	-0.36	8.00
2462MHz	Pass	4.23	-6.91	-7.32	-6.31	-6.25	-2.36	8.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.23	-7.63	-8.11	-6.36	-7.88	-3.94	8.00
2437MHz	Pass	4.23	-5.95	-6.39	-5.63	-5.96	-1.47	8.00
2462MHz	Pass	4.23	-7.88	-6.44	-8.28	-8.59	-4.06	8.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.23	-12.26	-11.09	-12.60	-11.96	-7.71	8.00
2437MHz	Pass	4.23	-12.14	-14.14	-12.58	-12.32	-8.73	8.00
2452MHz	Pass	4.23	-11.89	-11.92	-11.44	-12.36	-7.55	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)_4TX PSD

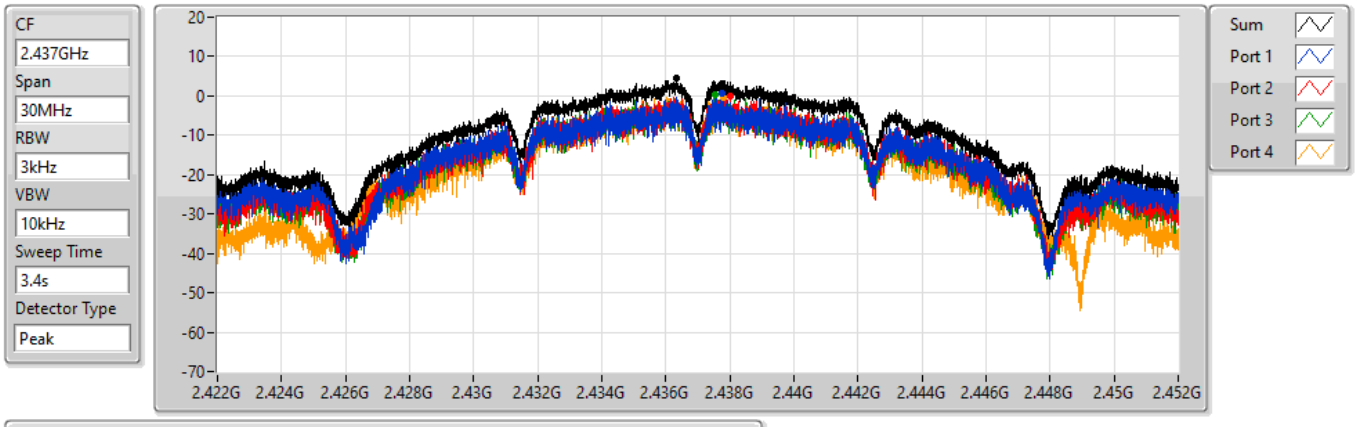
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.12	4.12	-0.57	1.49	-0.91	-0.04

802.11b_Nss1,(1Mbps)_4TX PSD

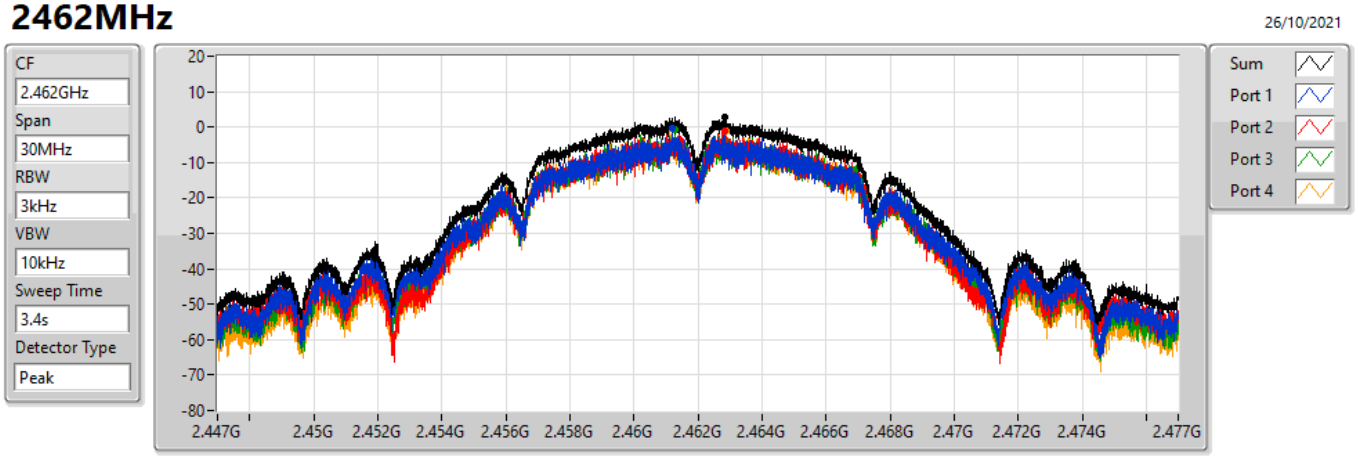
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.41	4.41	0.62	-0.06	0.31	-0.31

802.11b_Nss1,(1Mbps)_4TX PSD

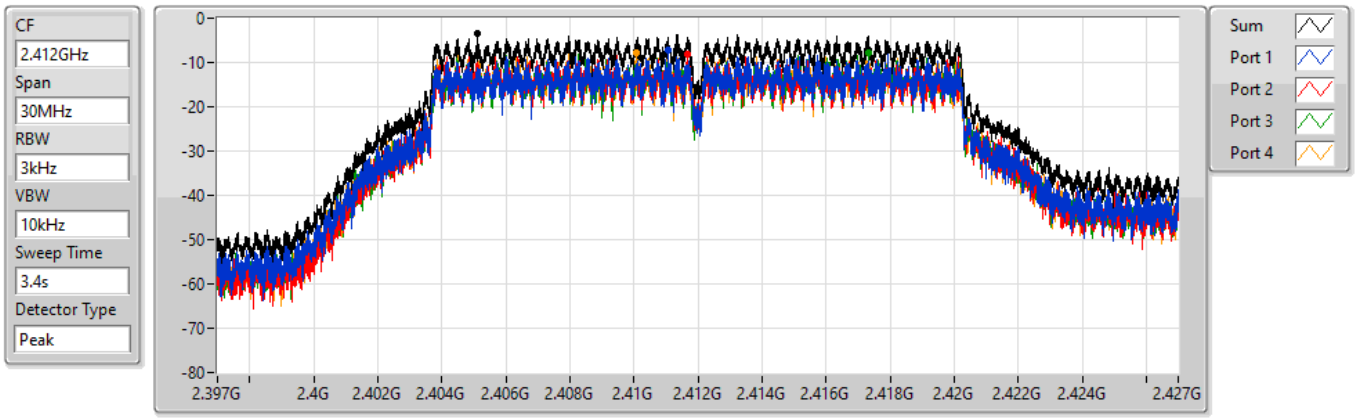
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	-0.23	-1.04	-0.56	-1.17

802.11g_Nss1,(6Mbps)_4TX PSD

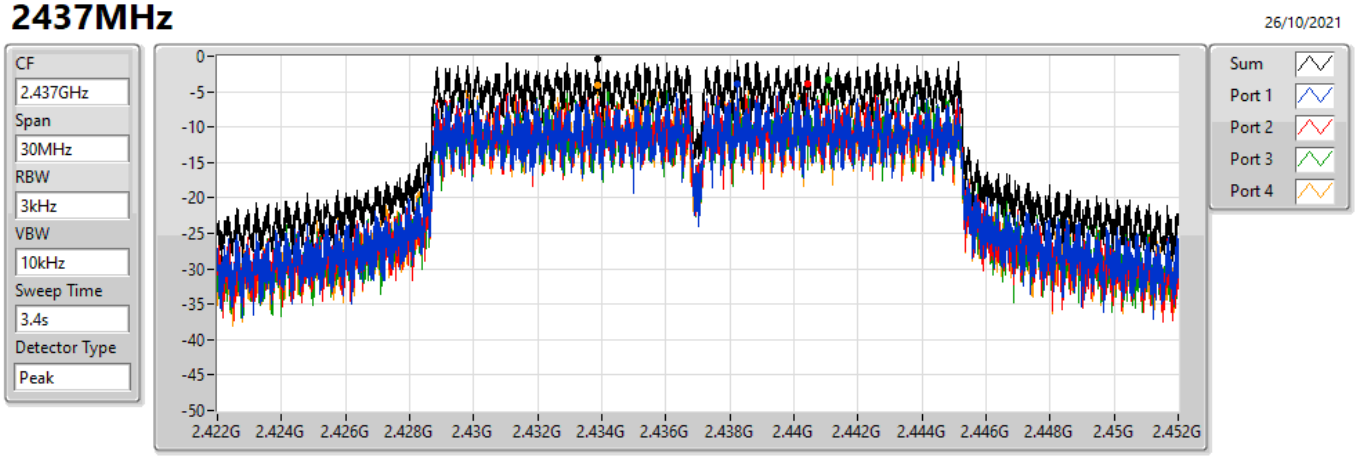
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.35	-3.35	-7.28	-8.20	-7.85	-7.96

802.11g_Nss1,(6Mbps)_4TX PSD

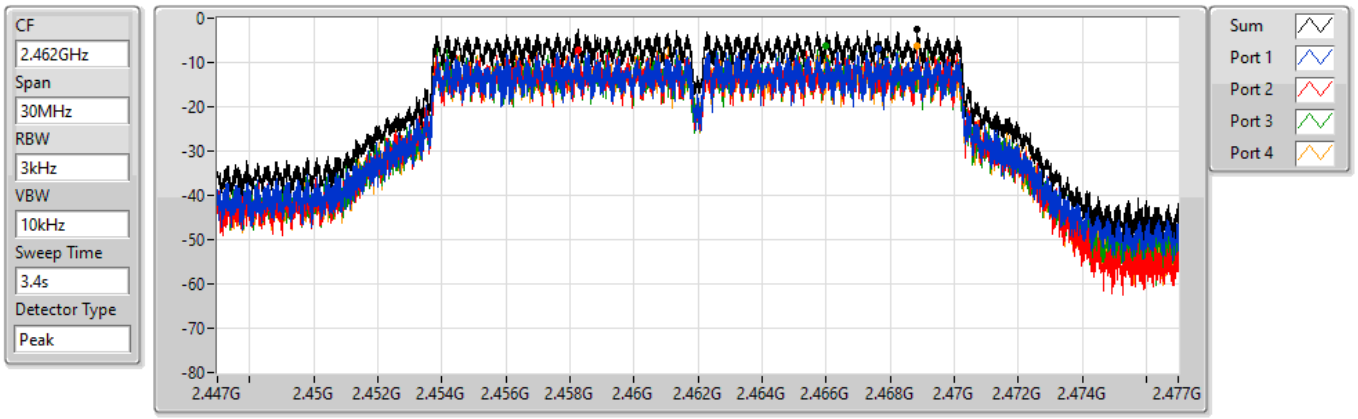
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.36	-0.36	-3.94	-3.93	-3.30	-4.11

802.11g_Nss1,(6Mbps)_4TX PSD

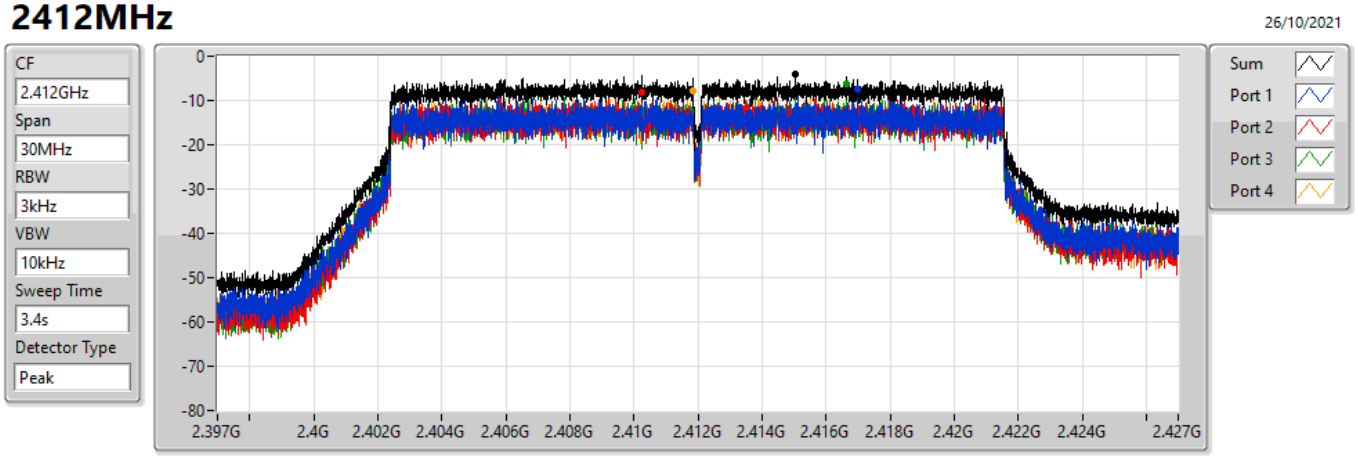
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.36	-2.36	-6.91	-7.32	-6.31	-6.25

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

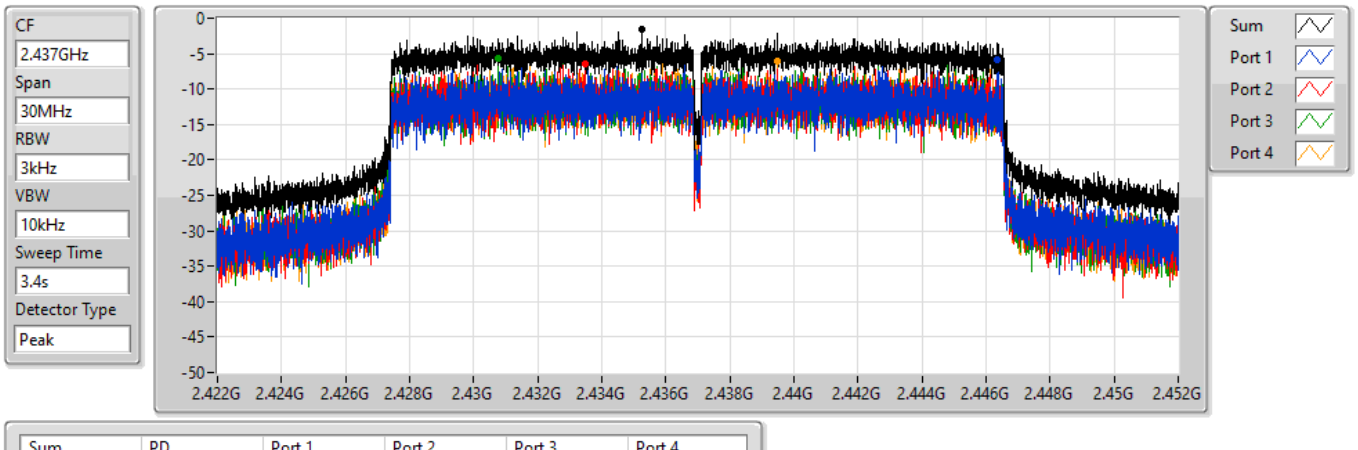
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.94	-3.94	-7.63	-8.11	-6.36	-7.88

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

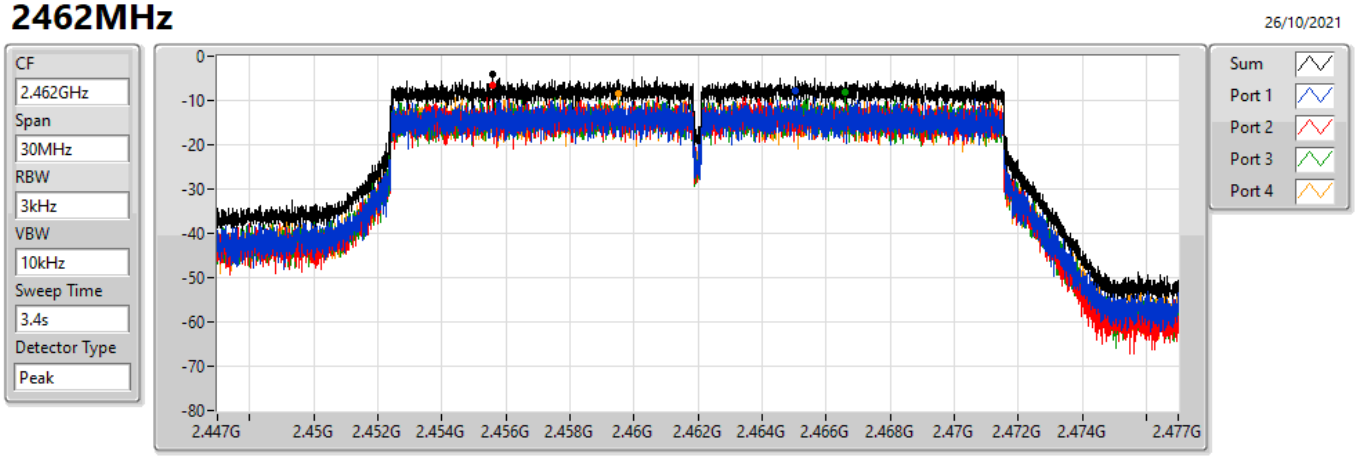
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.47	-1.47	-5.95	-6.39	-5.63	-5.96

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

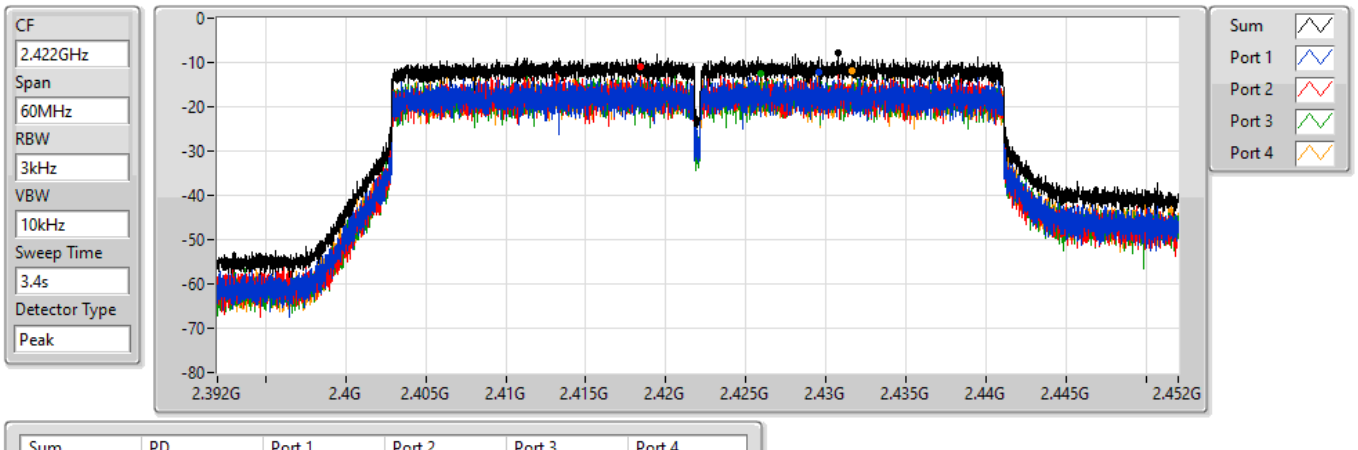
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.06	-4.06	-7.88	-6.44	-8.28	-8.59

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

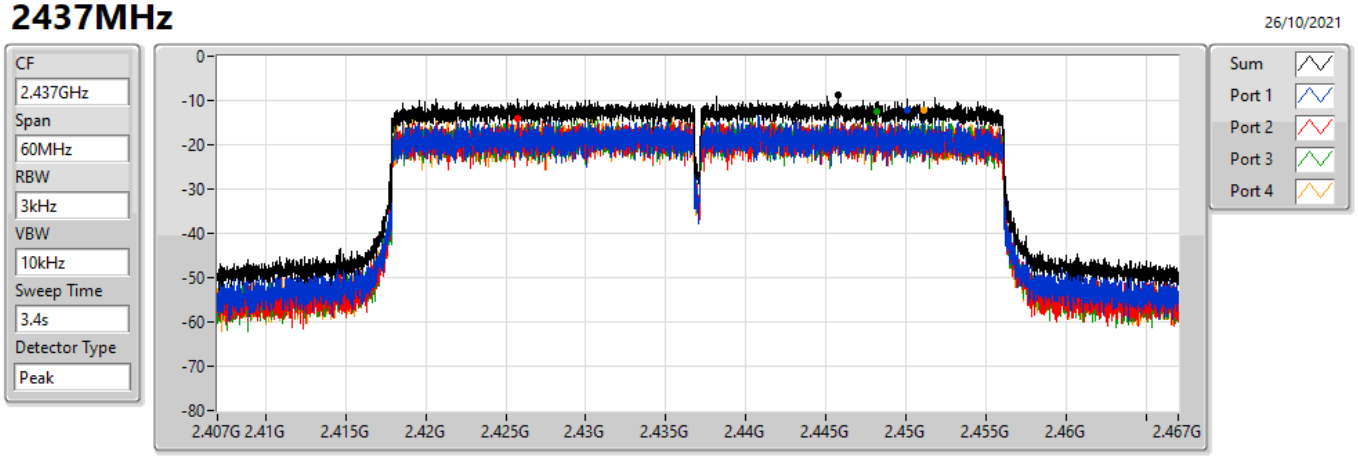
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.71	-7.71	-12.26	-11.09	-12.60	-11.96

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

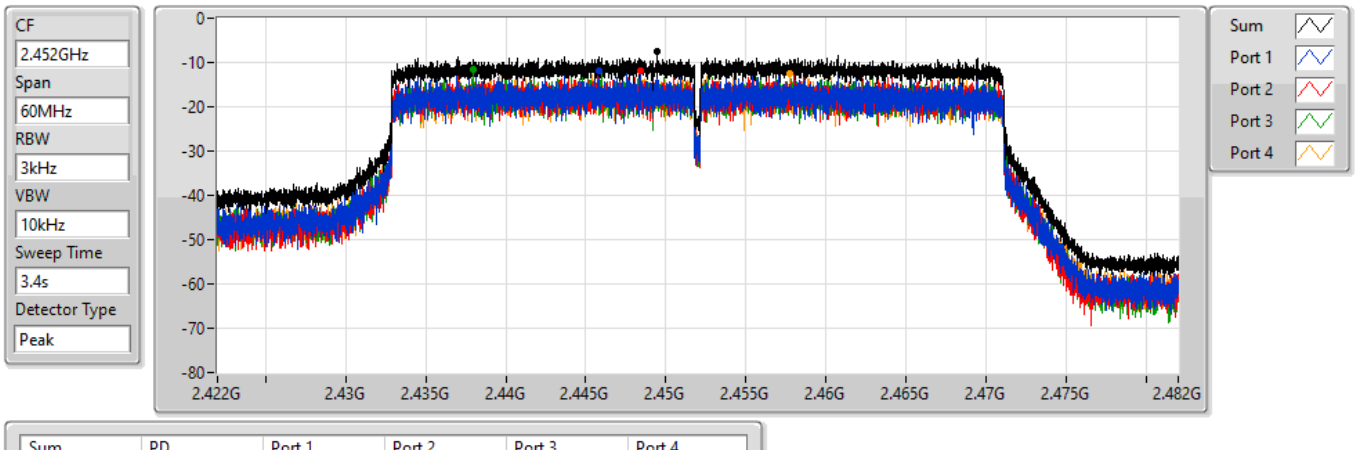
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.73	-8.73	-12.14	-14.14	-12.58	-12.32

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.55	-7.55	-11.89	-11.92	-11.44	-12.36

For Scaning radio 4 / Ant. 13~Ant. 14 / non beamforming
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-1.89
802.11g_Nss1,(6Mbps)_1TX	-3.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.66
802.11ax HEW40_Nss1,(MCS0)_1TX	-11.51

RBW = 3kHz;

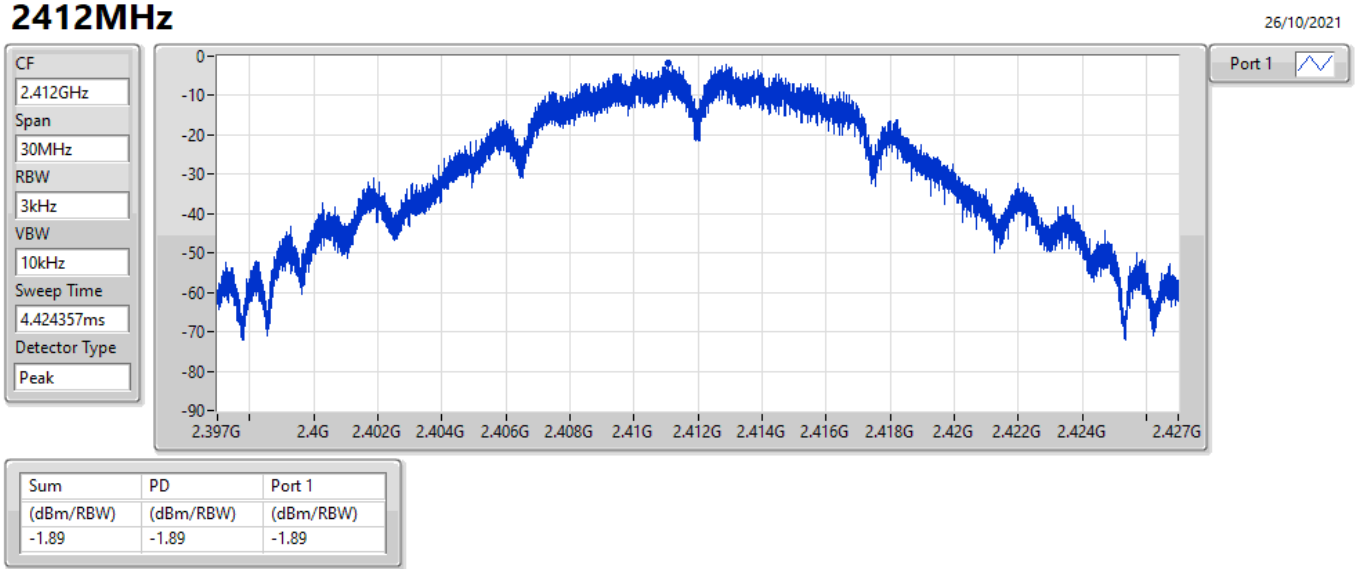
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.00	-1.89	-1.89	8.00
2437MHz	Pass	5.00	-2.87	-2.87	8.00
2462MHz	Pass	5.00	-2.20	-2.20	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.00	-7.13	-7.13	8.00
2437MHz	Pass	5.00	-3.75	-3.75	8.00
2462MHz	Pass	5.00	-8.08	-8.08	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	5.00	-8.64	-8.64	8.00
2437MHz	Pass	5.00	-6.66	-6.66	8.00
2462MHz	Pass	5.00	-9.61	-9.61	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	5.00	-11.51	-11.51	8.00
2437MHz	Pass	5.00	-13.23	-13.23	8.00
2452MHz	Pass	5.00	-12.98	-12.98	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

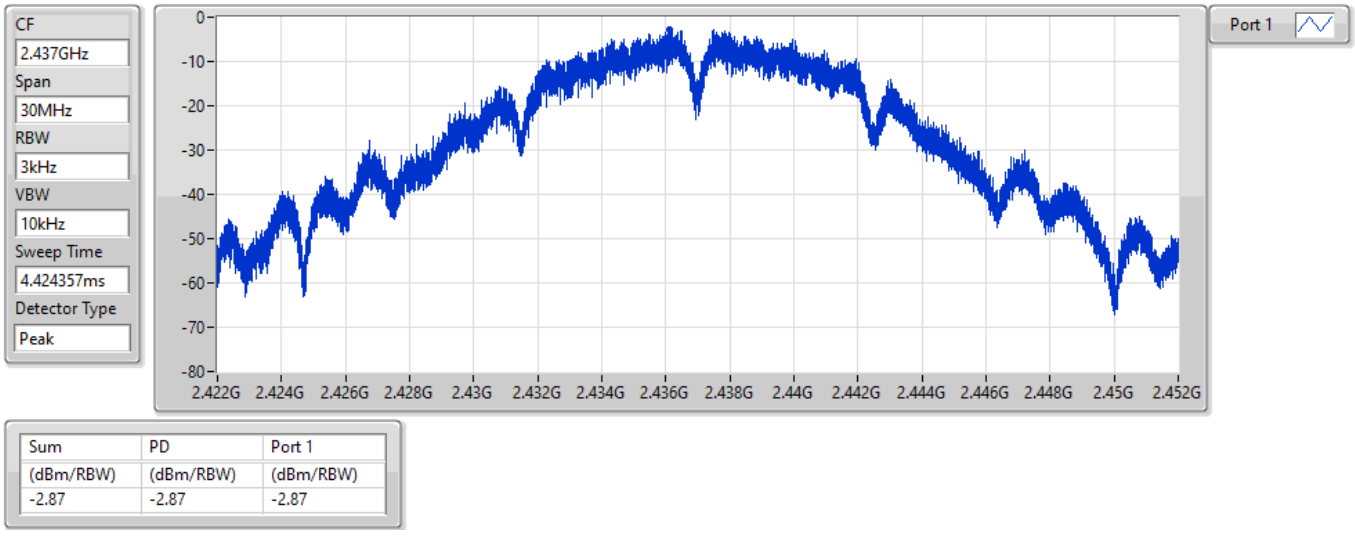
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-1.89

802.11b_Nss1,(1Mbps)_1TX PSD

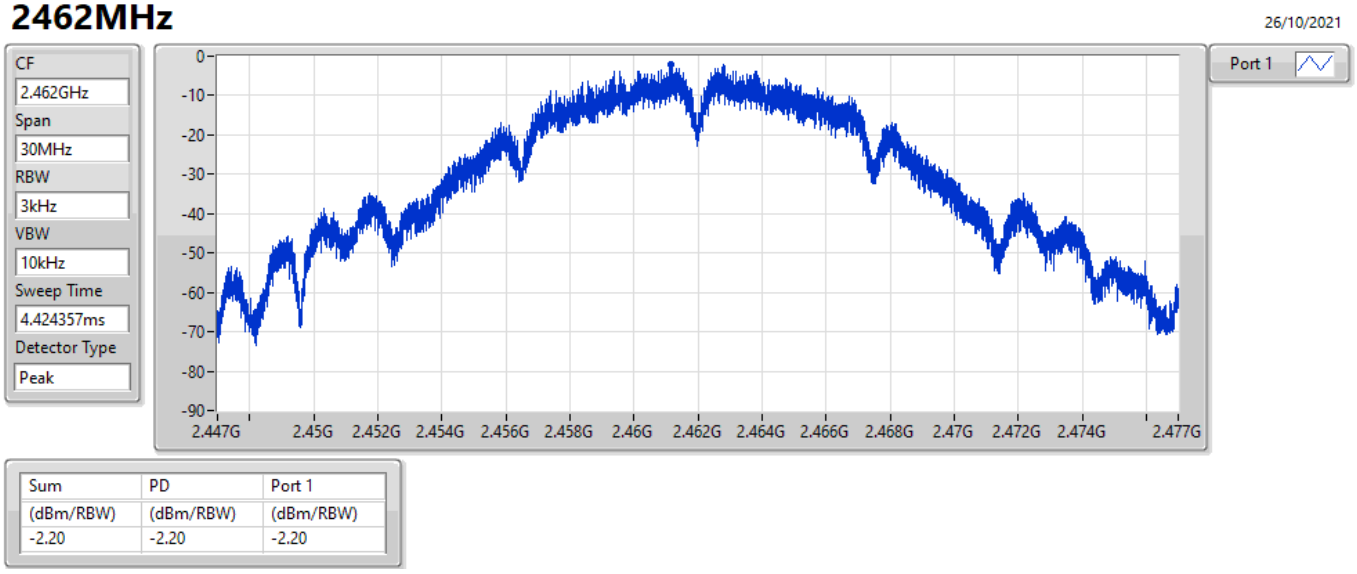
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.87	-2.87	-2.87

802.11b_Nss1,(1Mbps)_1TX PSD

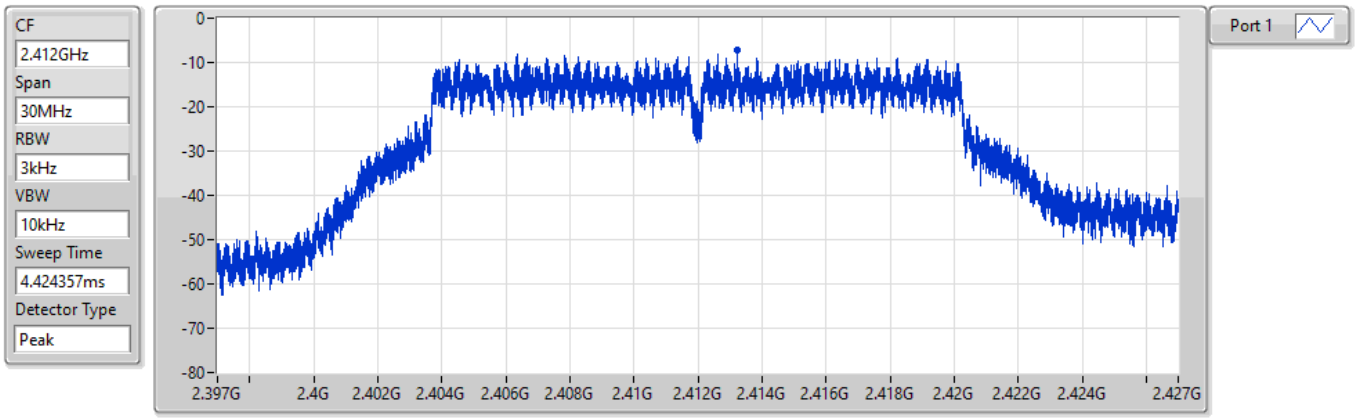
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.20	-2.20	-2.20

802.11g_Nss1,(6Mbps)_1TX PSD

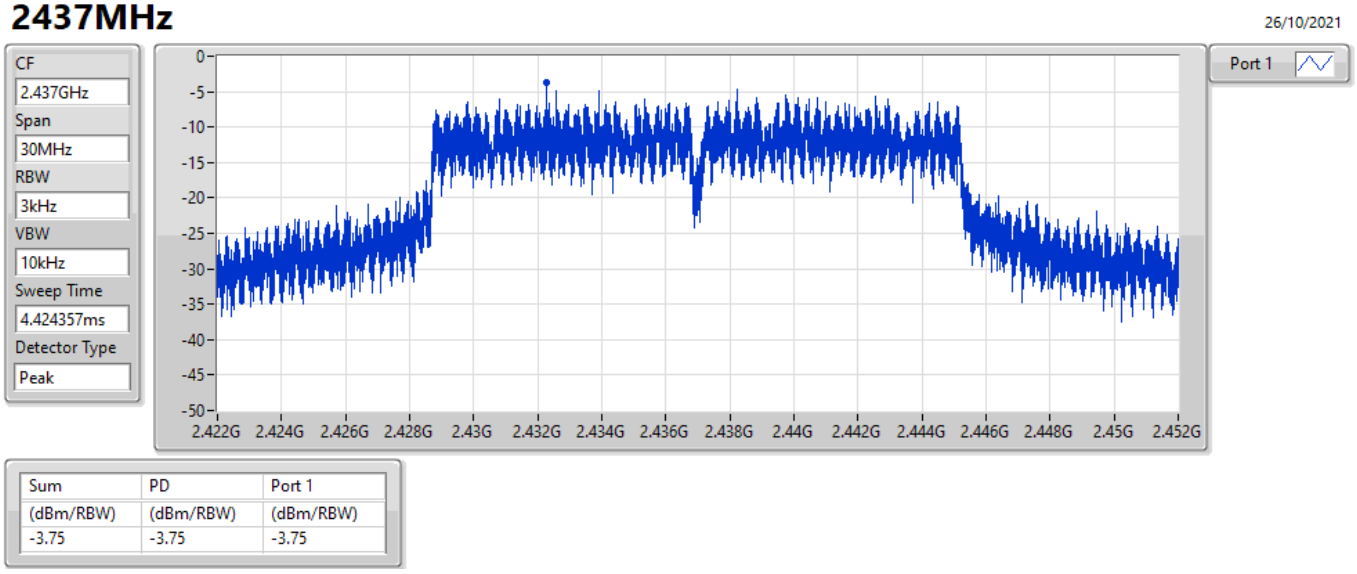
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.13	-7.13	-7.13

802.11g_Nss1,(6Mbps)_1TX PSD

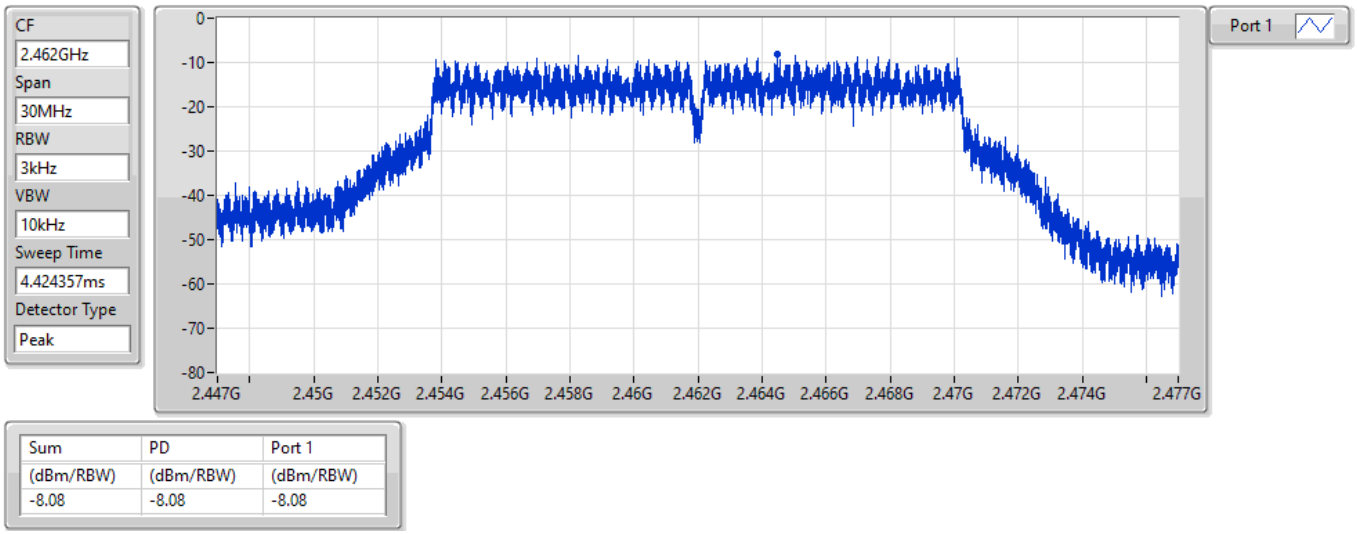
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.75	-3.75	-3.75

802.11g_Nss1,(6Mbps)_1TX PSD

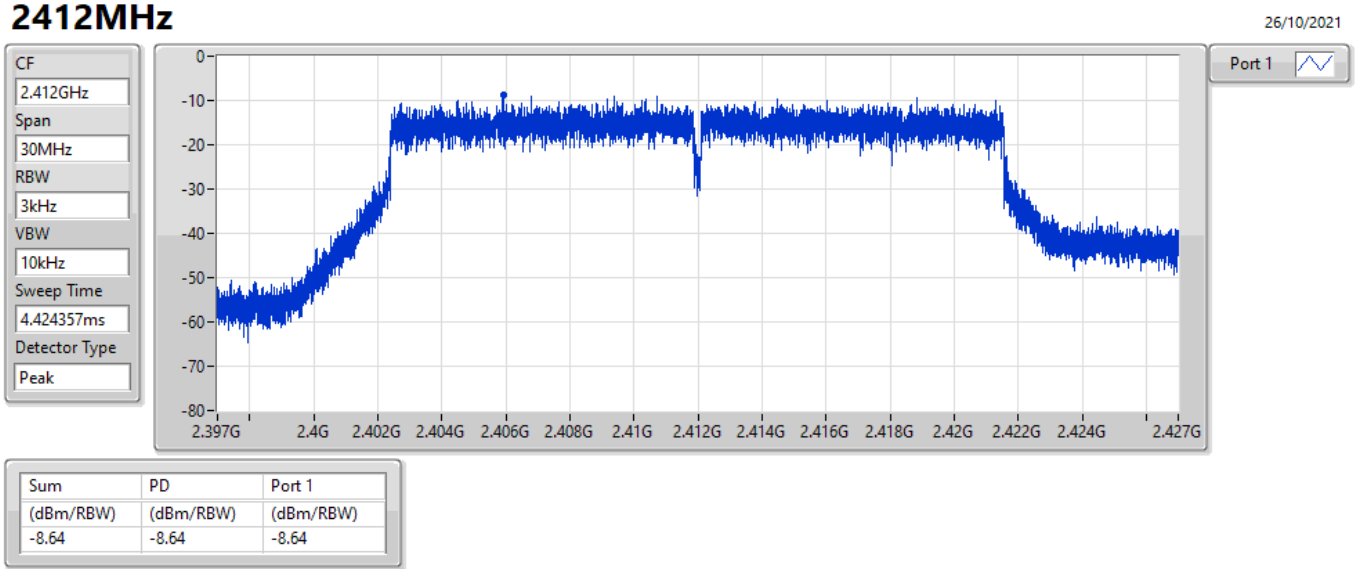
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.08	-8.08	-8.08

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

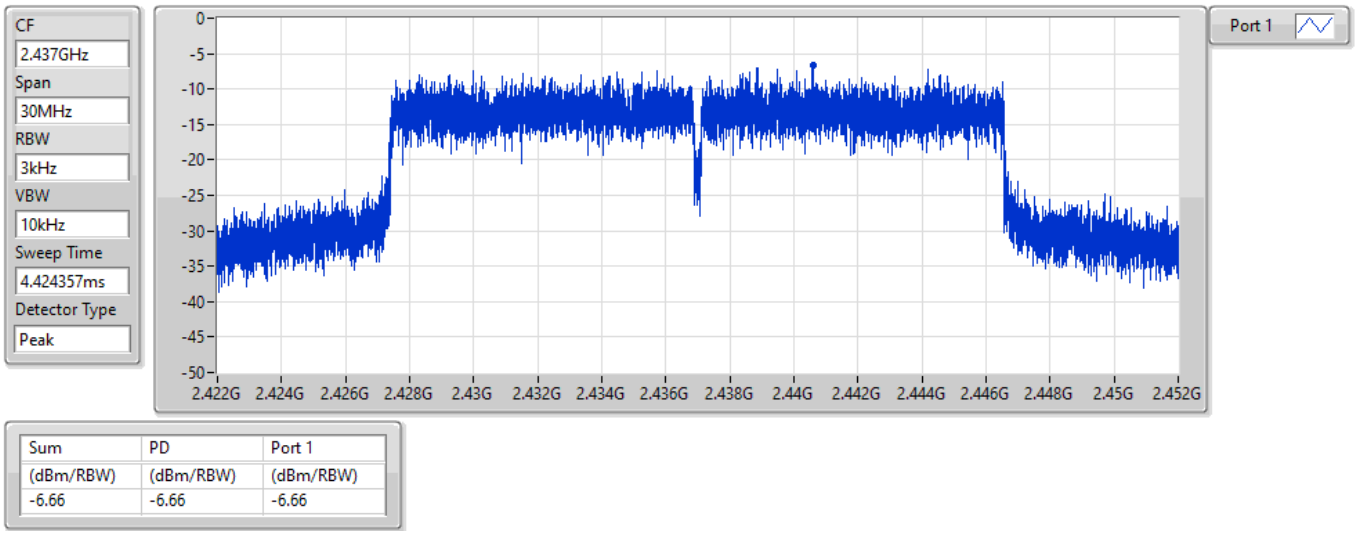
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.64	-8.64	-8.64

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

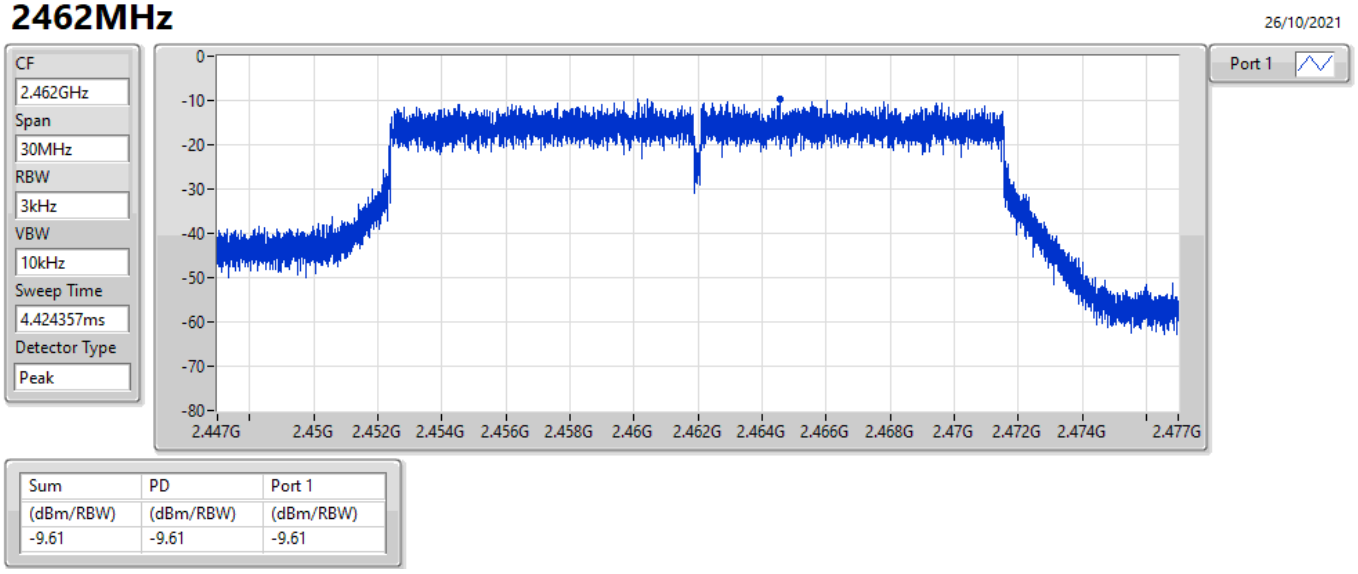
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.66	-6.66	-6.66

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

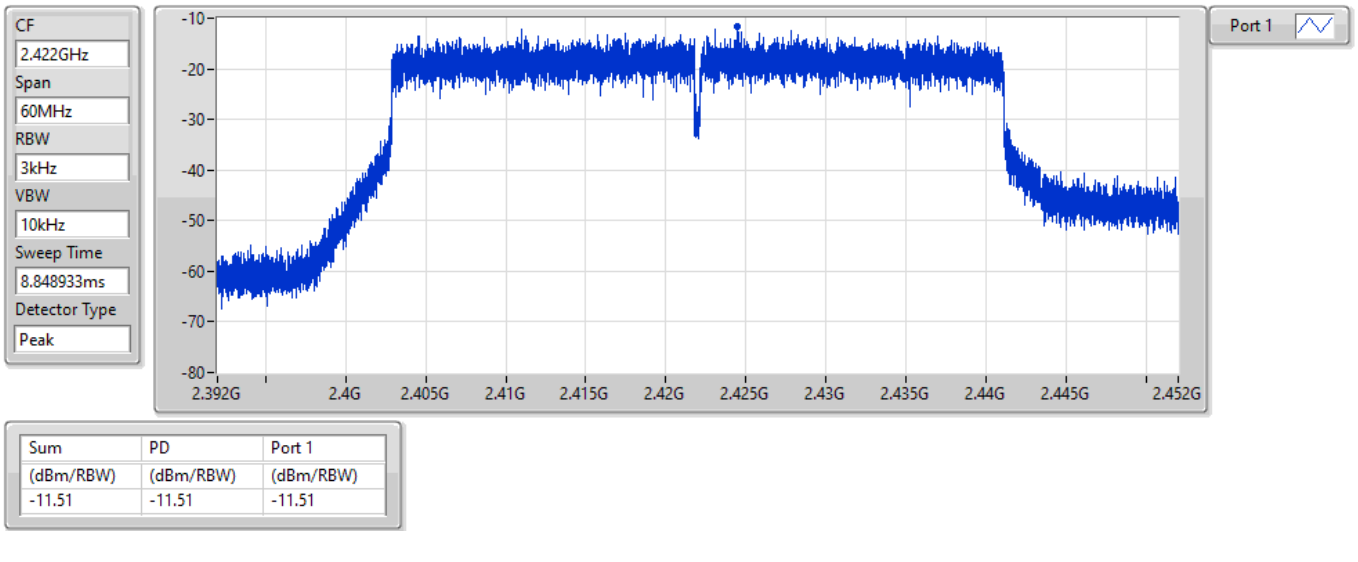
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.61	-9.61	-9.61

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

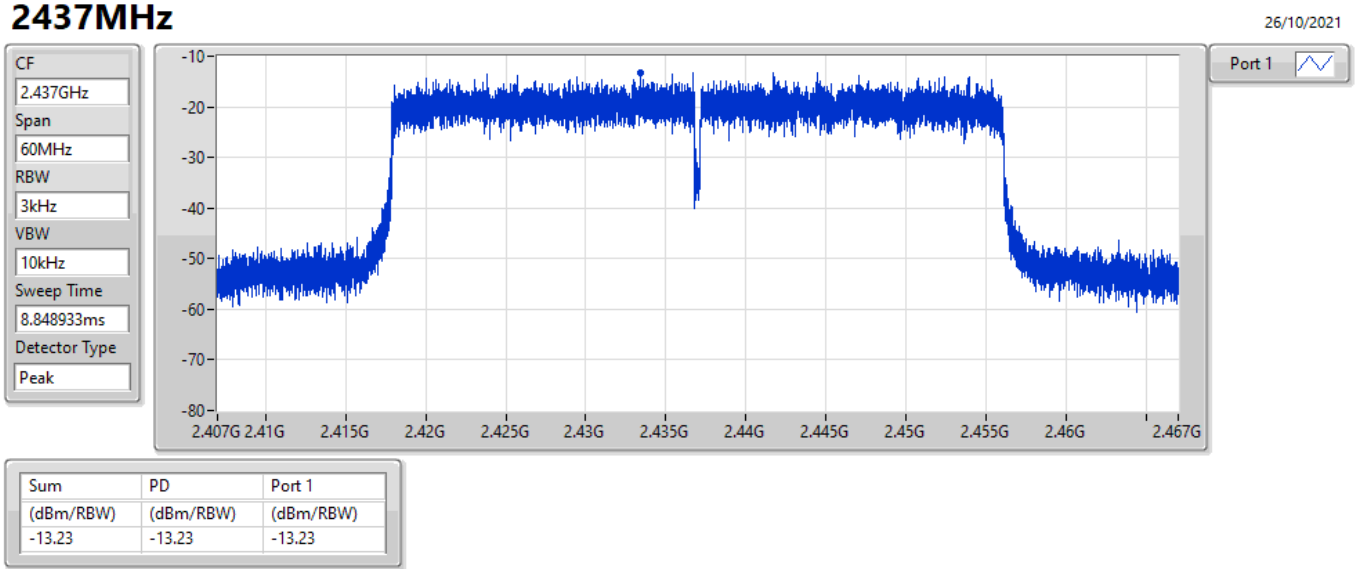
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.51	-11.51	-11.51

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

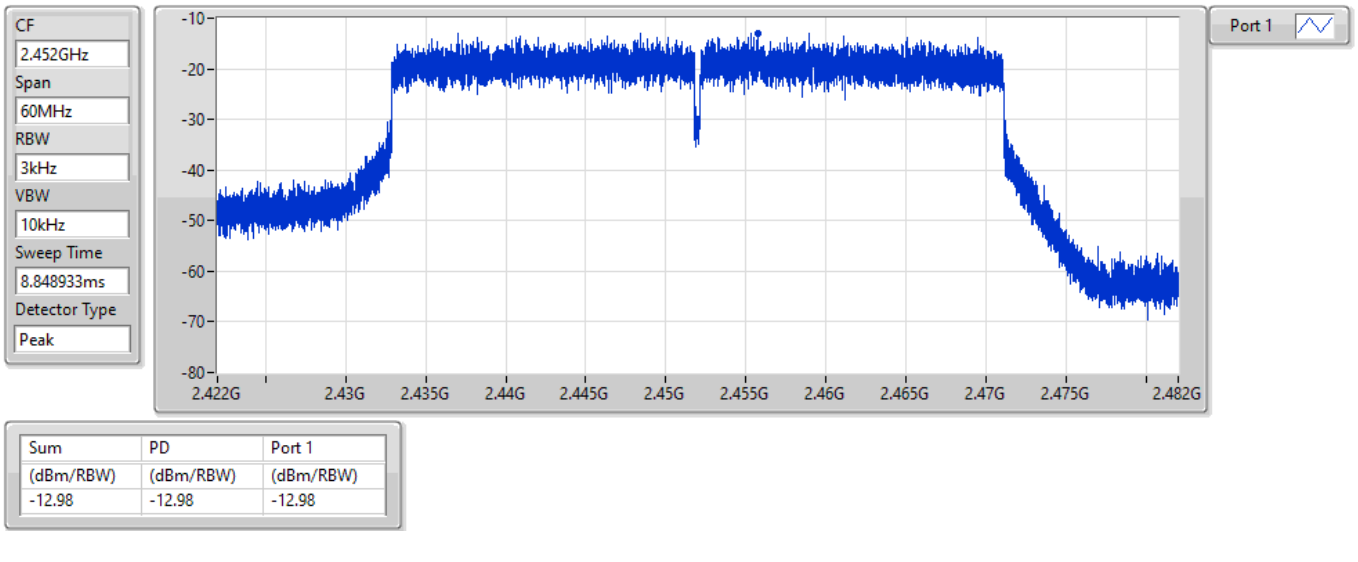
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.23	-13.23	-13.23

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.98	-12.98	-12.98

For radio 2 / Ant. 16 / non beamforming
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	1.98
802.11g_Nss1,(6Mbps)_4TX	-3.49
802.11ax HEW20_Nss1,(MCS0)_4TX	-4.72
802.11ax HEW40_Nss1,(MCS0)_4TX	-8.94

RBW = 3kHz;

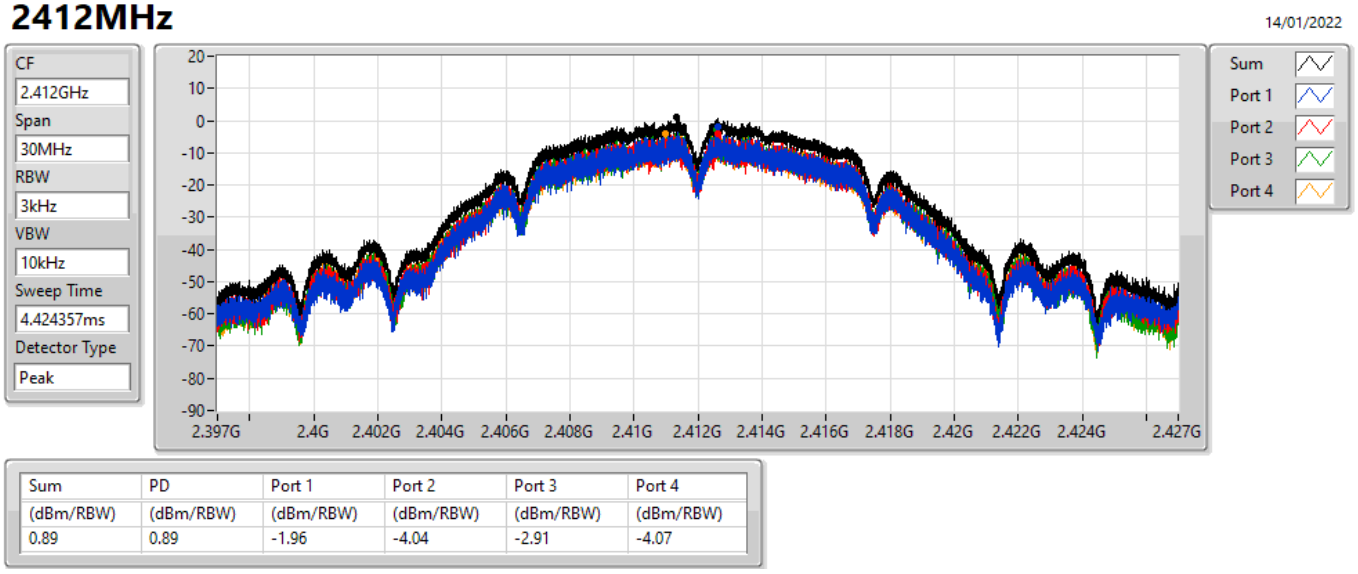
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.02	-1.96	-4.04	-2.91	-4.07	0.89	3.98
2437MHz	Pass	10.02	-1.73	-1.25	-2.76	-1.07	1.98	3.98
2462MHz	Pass	10.02	-3.85	-2.56	-2.76	-2.17	1.15	3.98
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.02	-9.80	-10.42	-9.42	-9.44	-5.90	3.98
2437MHz	Pass	10.02	-7.49	-7.42	-6.79	-7.24	-3.49	3.98
2462MHz	Pass	10.02	-8.39	-9.03	-8.13	-9.31	-4.69	3.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.02	-14.76	-13.63	-13.41	-13.93	-9.95	3.98
2437MHz	Pass	10.02	-8.86	-9.04	-8.67	-9.85	-4.72	3.98
2462MHz	Pass	10.02	-10.45	-11.66	-8.99	-9.51	-5.68	3.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	10.02	-16.35	-17.28	-16.23	-17.19	-11.98	3.98
2437MHz	Pass	10.02	-15.12	-14.85	-15.26	-15.30	-11.08	3.98
2452MHz	Pass	10.02	-12.86	-13.53	-12.94	-14.28	-8.94	3.98

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)_4TX PSD

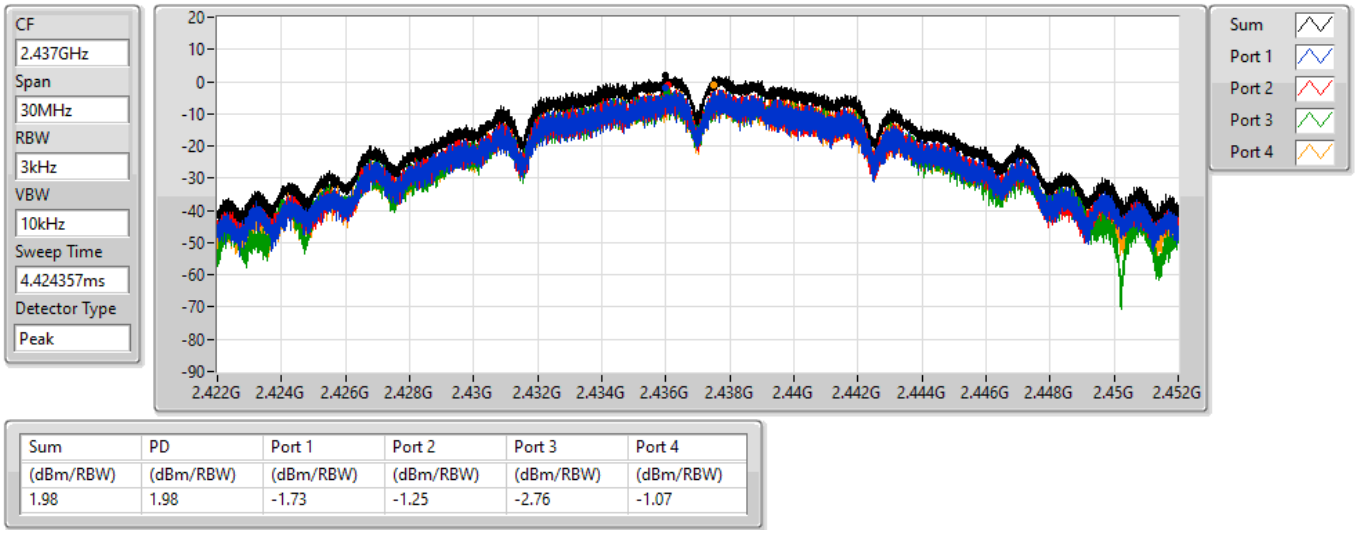
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.89	0.89	-1.96	-4.04	-2.91	-4.07

802.11b_Nss1,(1Mbps)_4TX PSD

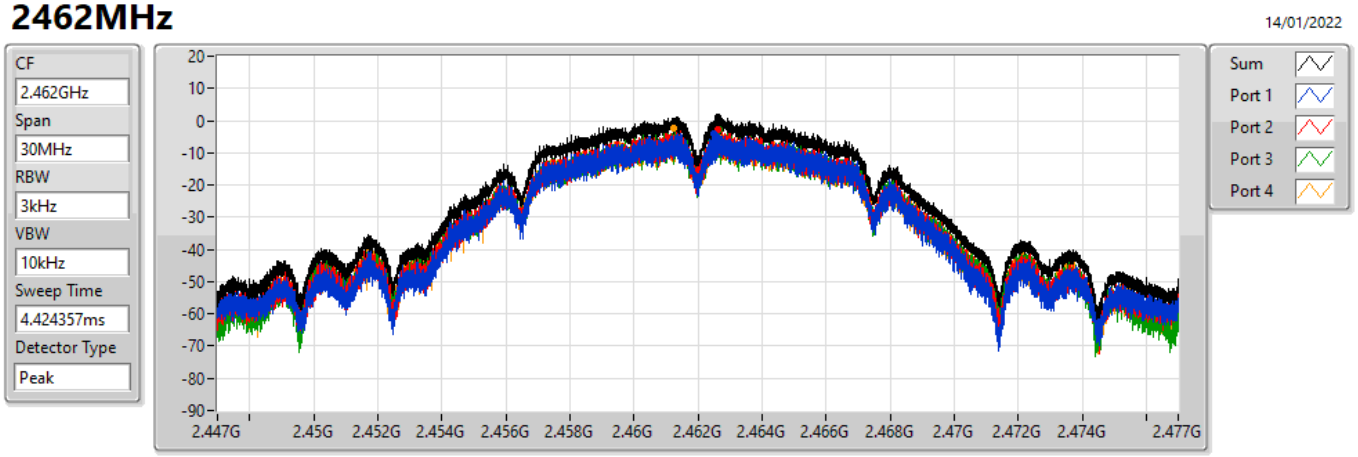
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.98	1.98	-1.73	-1.25	-2.76	-1.07

802.11b_Nss1,(1Mbps)_4TX PSD

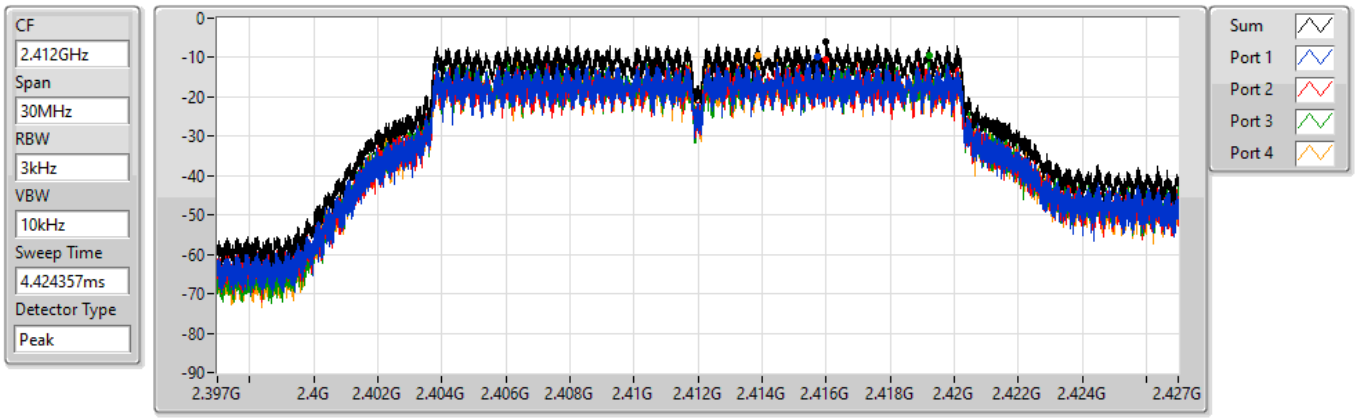
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.15	1.15	-3.85	-2.56	-2.76	-2.17

802.11g_Nss1,(6Mbps)_4TX PSD

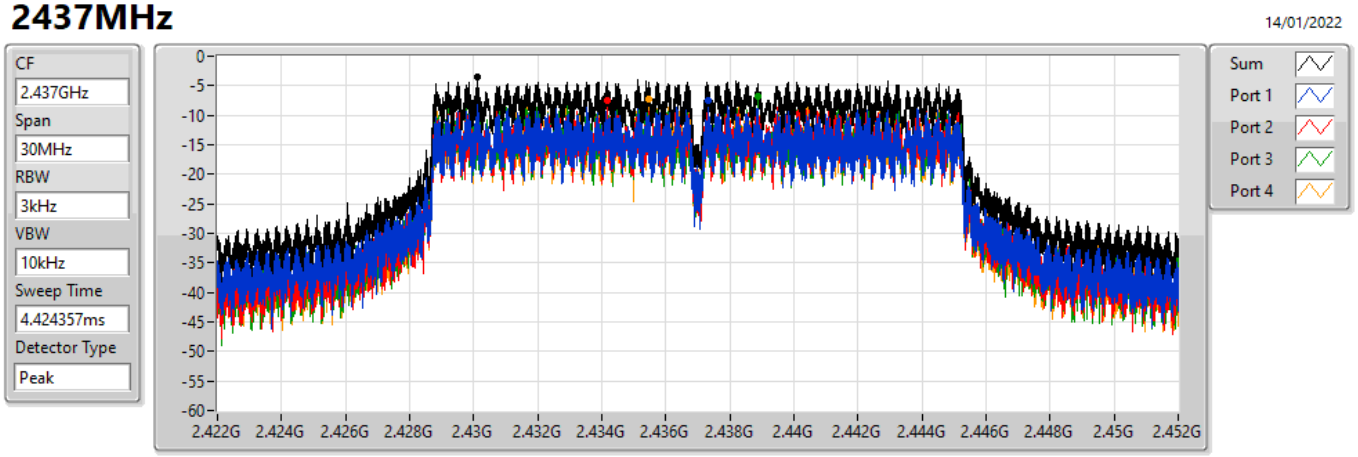
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.90	-5.90	-9.80	-10.42	-9.42	-9.44

802.11g_Nss1,(6Mbps)_4TX PSD

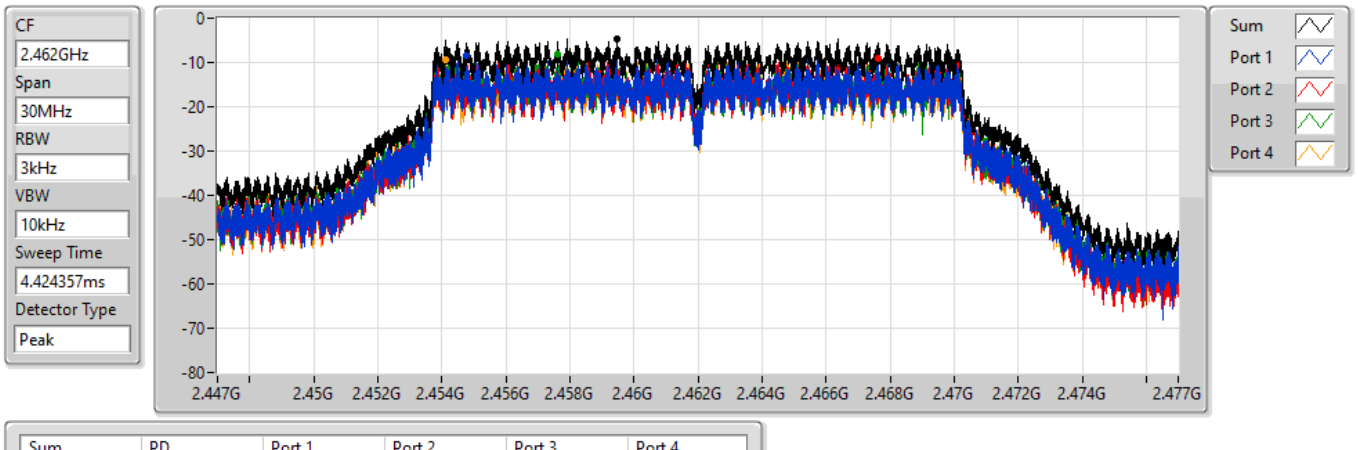
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.49	-3.49	-7.49	-7.42	-6.79	-7.24

802.11g_Nss1,(6Mbps)_4TX PSD

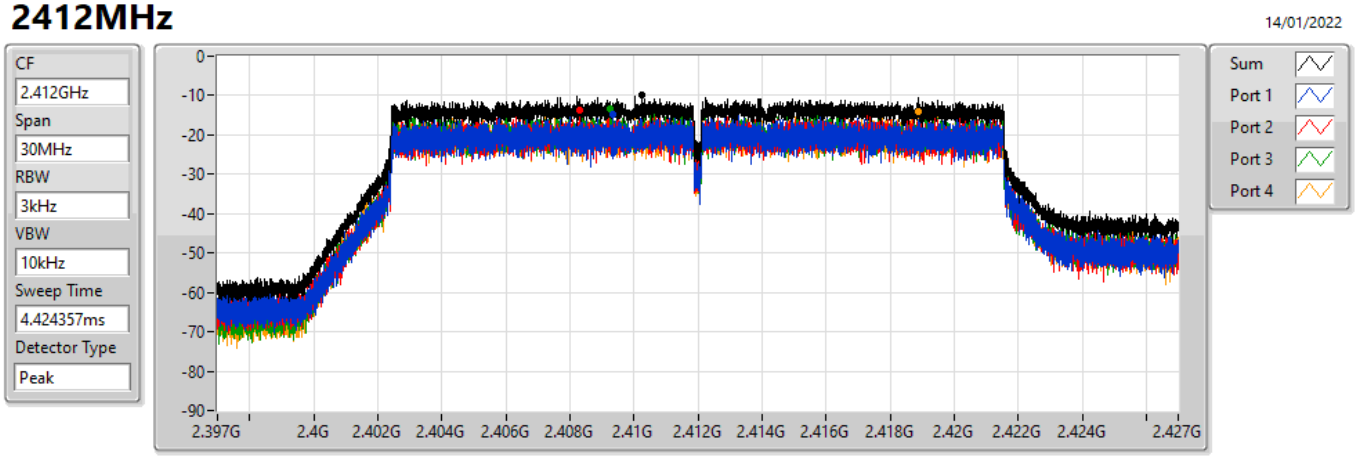
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.69	-4.69	-8.39	-9.03	-8.13	-9.31

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

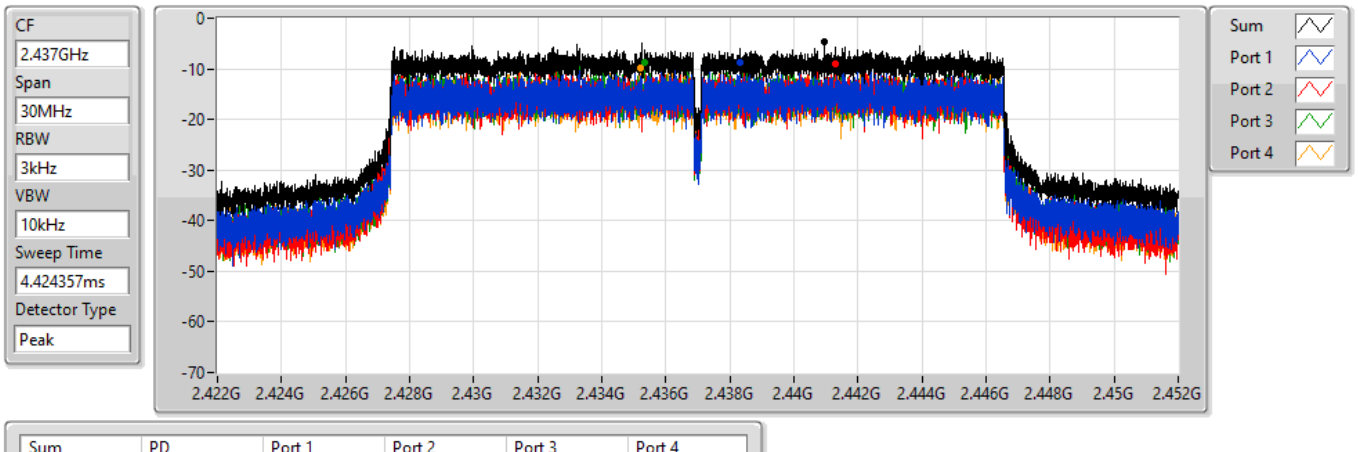
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.95	-9.95	-14.76	-13.63	-13.41	-13.93

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

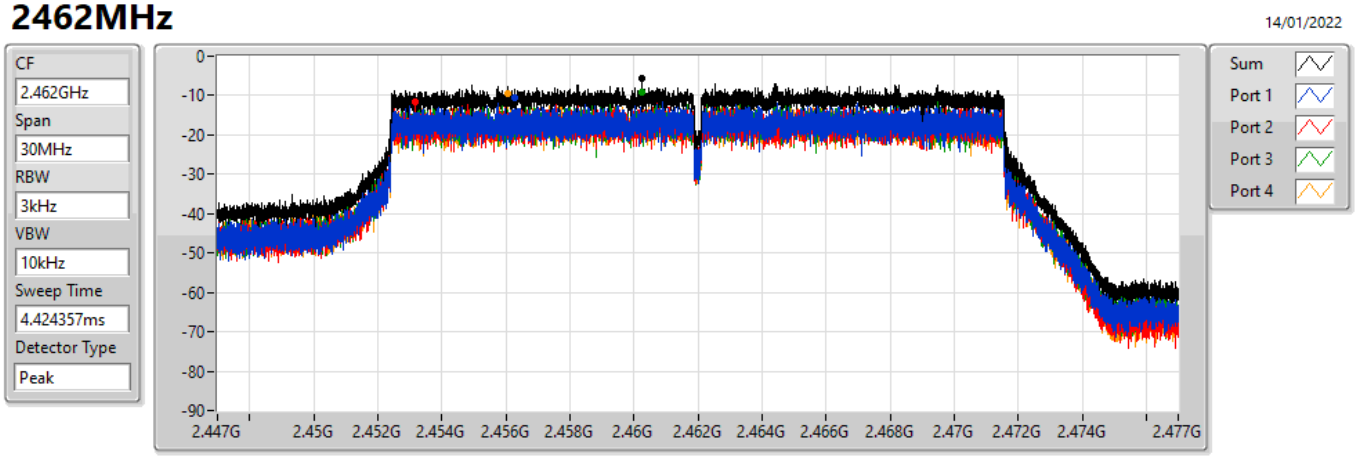
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.72	-4.72	-8.86	-9.04	-8.67	-9.85

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

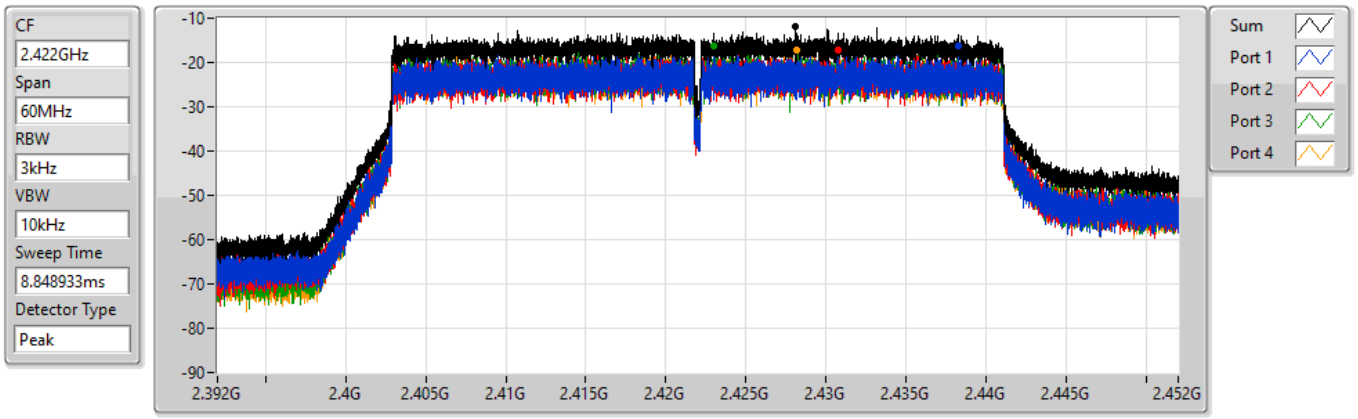
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.68	-5.68	-10.45	-11.66	-8.99	-9.51

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

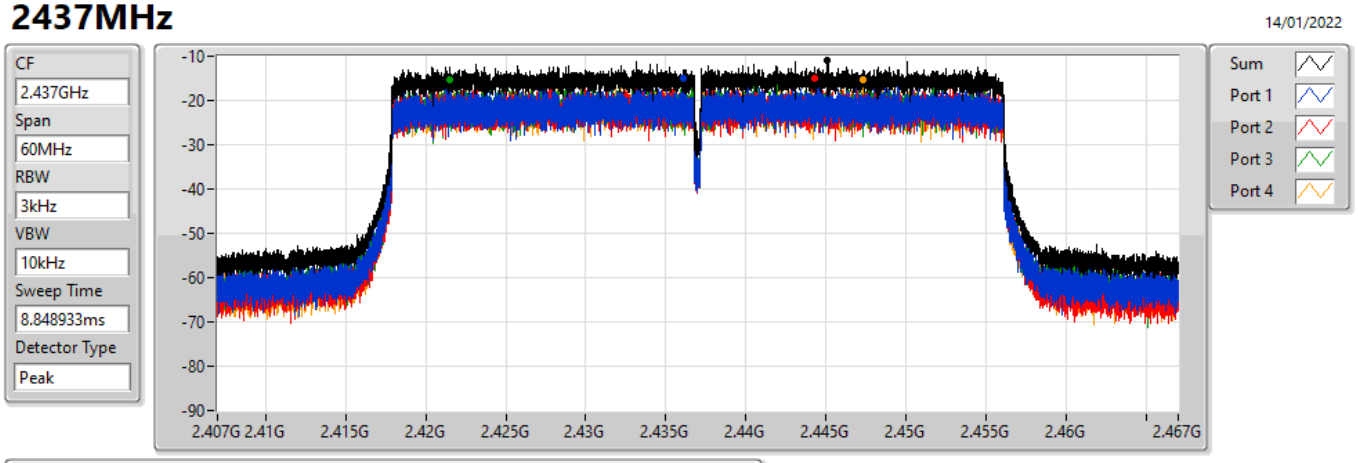
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.98	-11.98	-16.35	-17.28	-16.23	-17.19

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

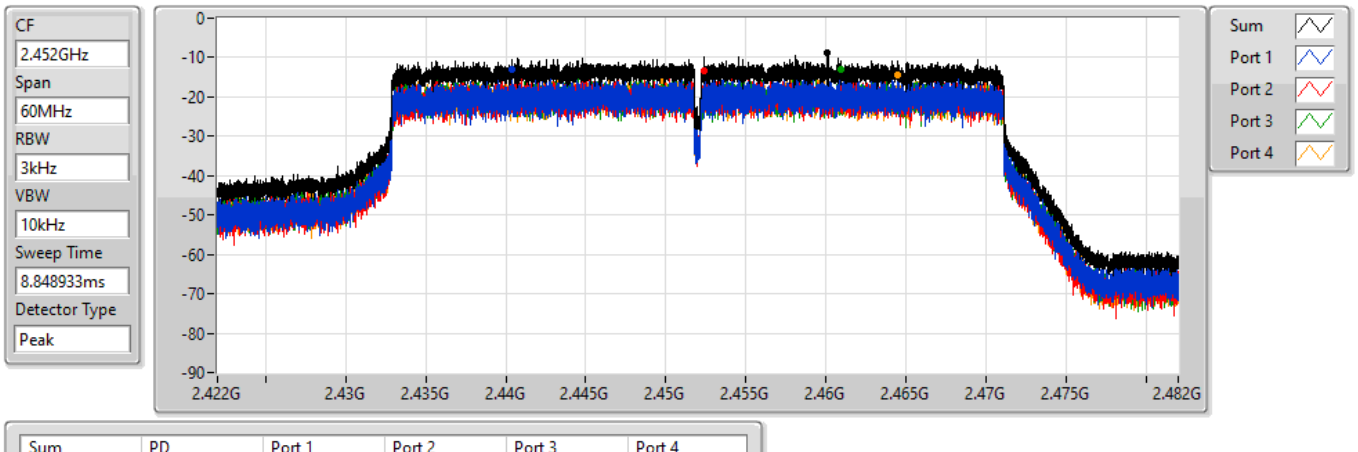
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.08	-11.08	-15.12	-14.85	-15.26	-15.30

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.94	-8.94	-12.86	-13.53	-12.94	-14.28

For radio 2 / Ant. 17 / non beamforming
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-0.40
802.11g_Nss1,(6Mbps)_4TX	-4.92
802.11ax HEW20_Nss1,(MCS0)_4TX	-6.62
802.11ax HEW40_Nss1,(MCS0)_4TX	-12.45

RBW = 3kHz;

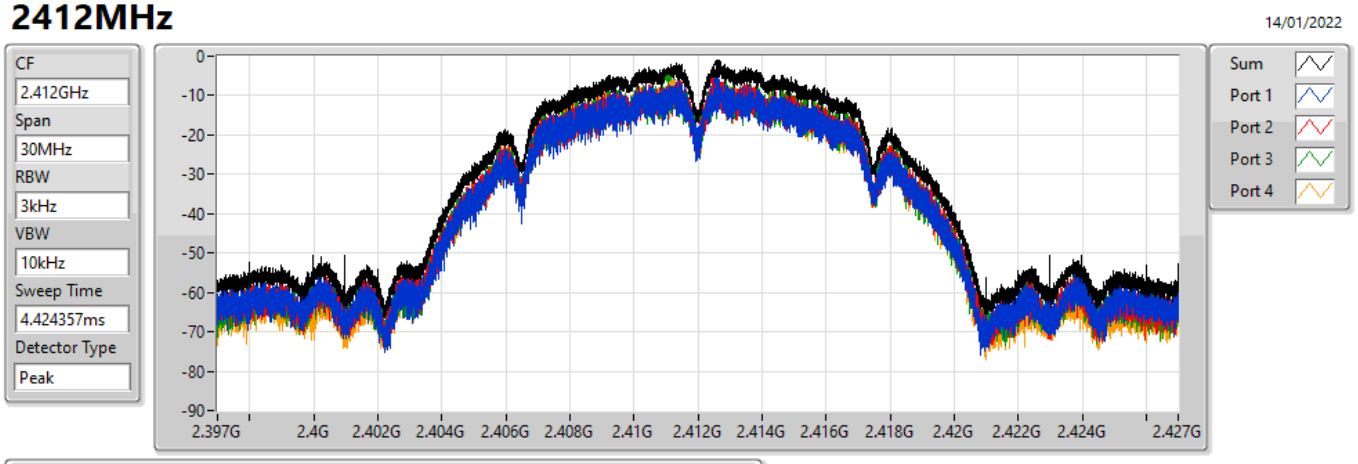
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	14.02	-6.31	-6.38	-5.64	-6.58	-1.83	-0.02
2437MHz	Pass	14.02	-9.99	-9.50	-10.02	-10.23	-4.28	-0.02
2462MHz	Pass	14.02	-3.52	-4.72	-3.63	-4.95	-0.40	-0.02
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	14.02	-12.59	-11.99	-12.97	-13.32	-8.70	-0.02
2437MHz	Pass	14.02	-8.10	-7.94	-7.85	-9.65	-4.92	-0.02
2462MHz	Pass	14.02	-11.25	-11.47	-11.05	-11.54	-7.64	-0.02
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	14.02	-15.93	-15.65	-15.28	-16.35	-10.89	-0.02
2437MHz	Pass	14.02	-10.72	-11.42	-10.66	-10.47	-6.62	-0.02
2462MHz	Pass	14.02	-11.05	-11.41	-11.14	-12.13	-6.90	-0.02
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	14.02	-20.00	-19.80	-19.49	-19.19	-14.61	-0.02
2437MHz	Pass	14.02	-16.01	-16.68	-16.13	-16.08	-12.45	-0.02
2452MHz	Pass	14.02	-19.32	-18.94	-18.40	-19.01	-14.51	-0.02

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)_4TX PSD

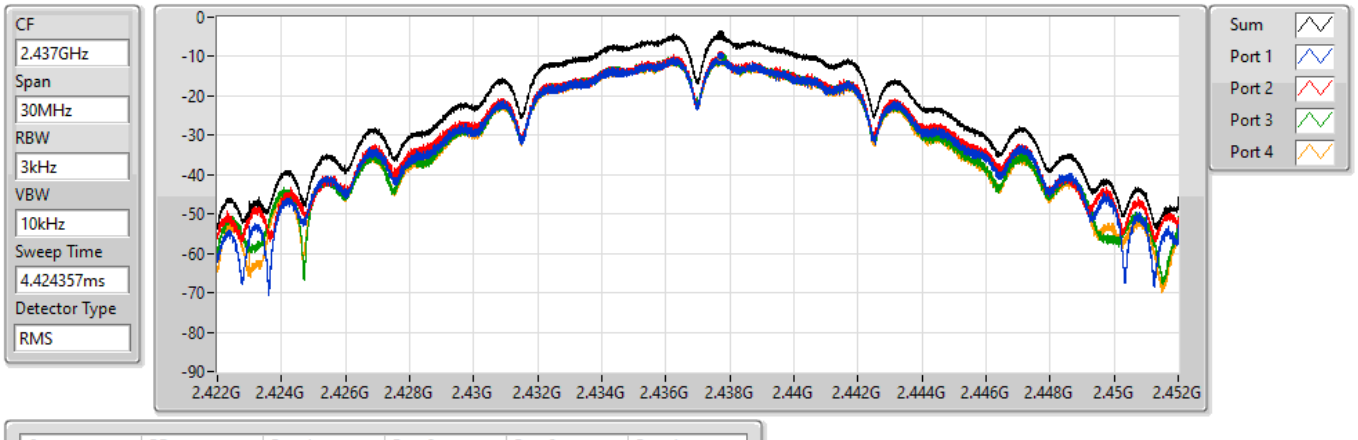
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-6.31	-6.38	-5.64	-6.58

802.11b_Nss1,(1Mbps)_4TX PSD

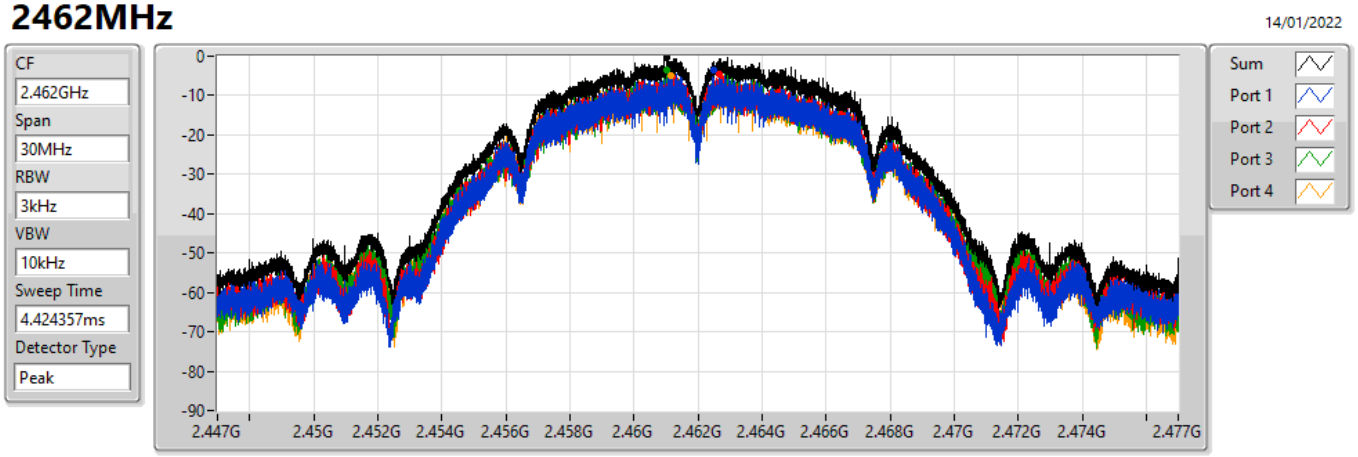
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.28	-4.28	-9.99	-9.50	-10.02	-10.23

802.11b_Nss1,(1Mbps)_4TX PSD

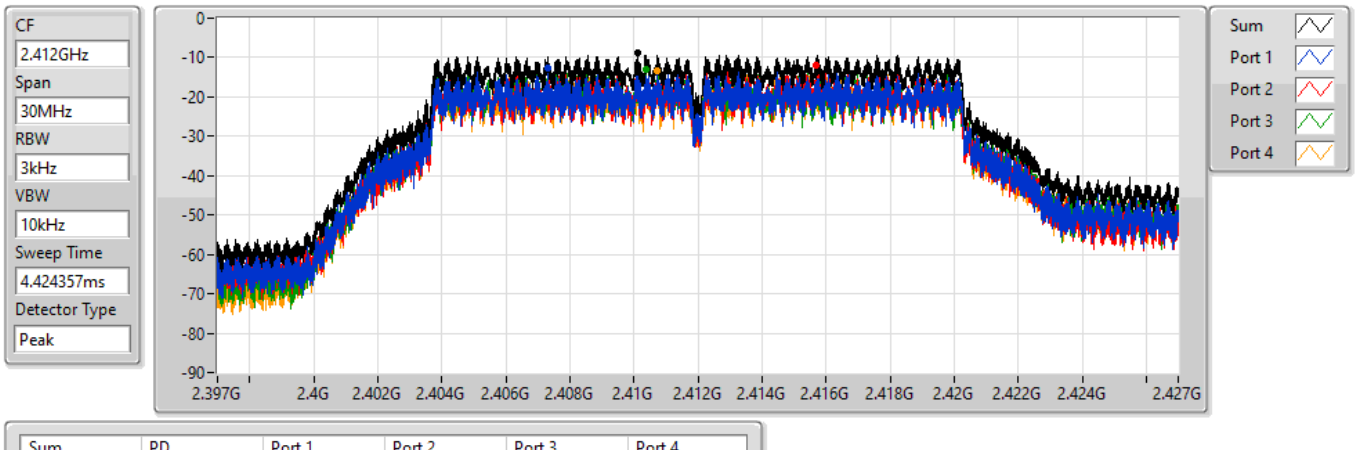
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.40	-0.40	-3.52	-4.72	-3.63	-4.95

802.11g_Nss1,(6Mbps)_4TX PSD

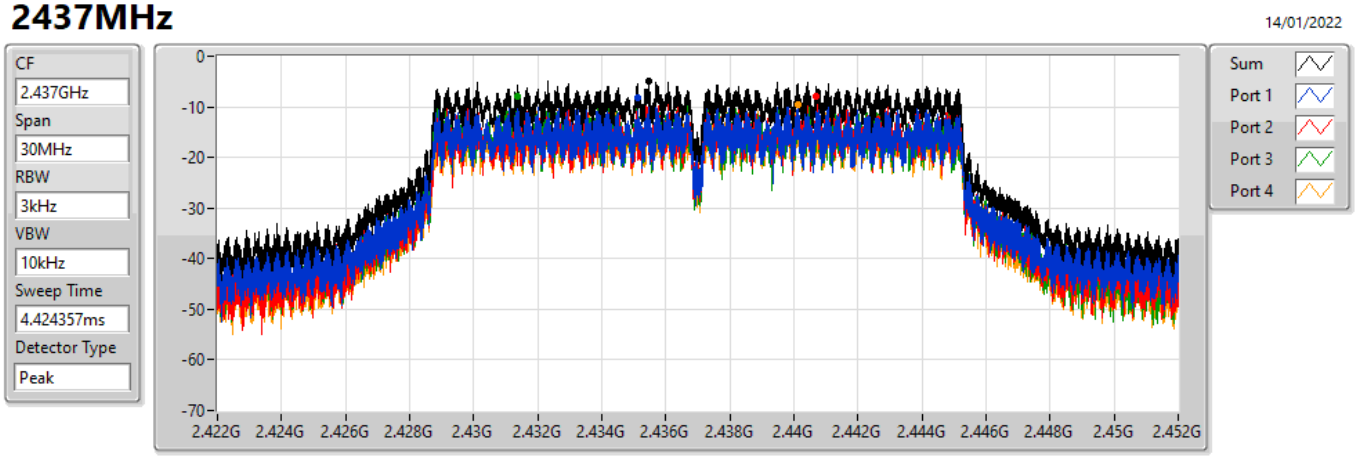
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.70	-8.70	-12.59	-11.99	-12.97	-13.32

802.11g_Nss1,(6Mbps)_4TX PSD

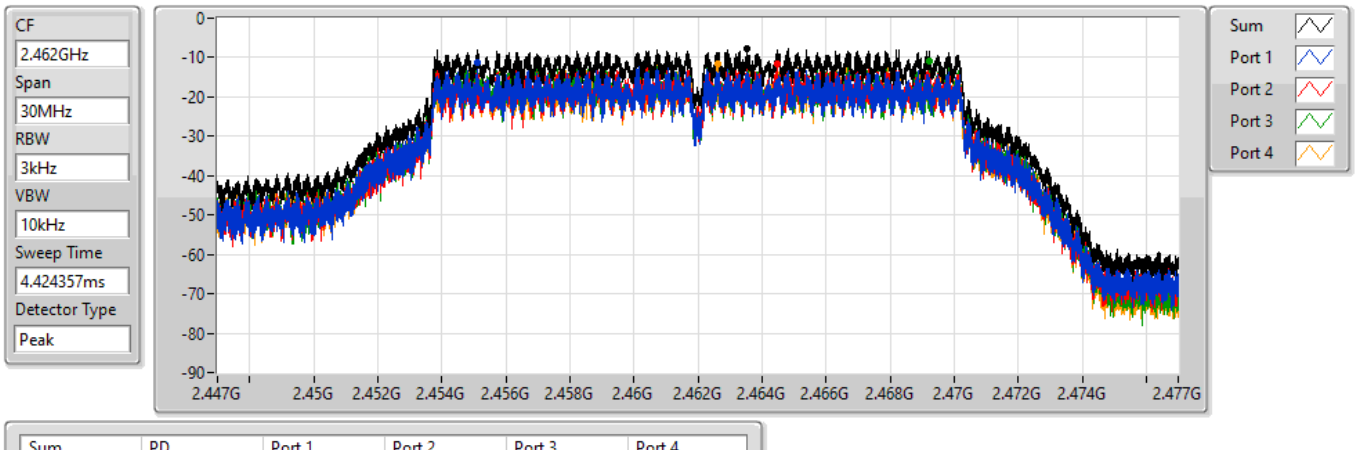
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.92	-4.92	-8.10	-7.94	-7.85	-9.65

802.11g_Nss1,(6Mbps)_4TX PSD

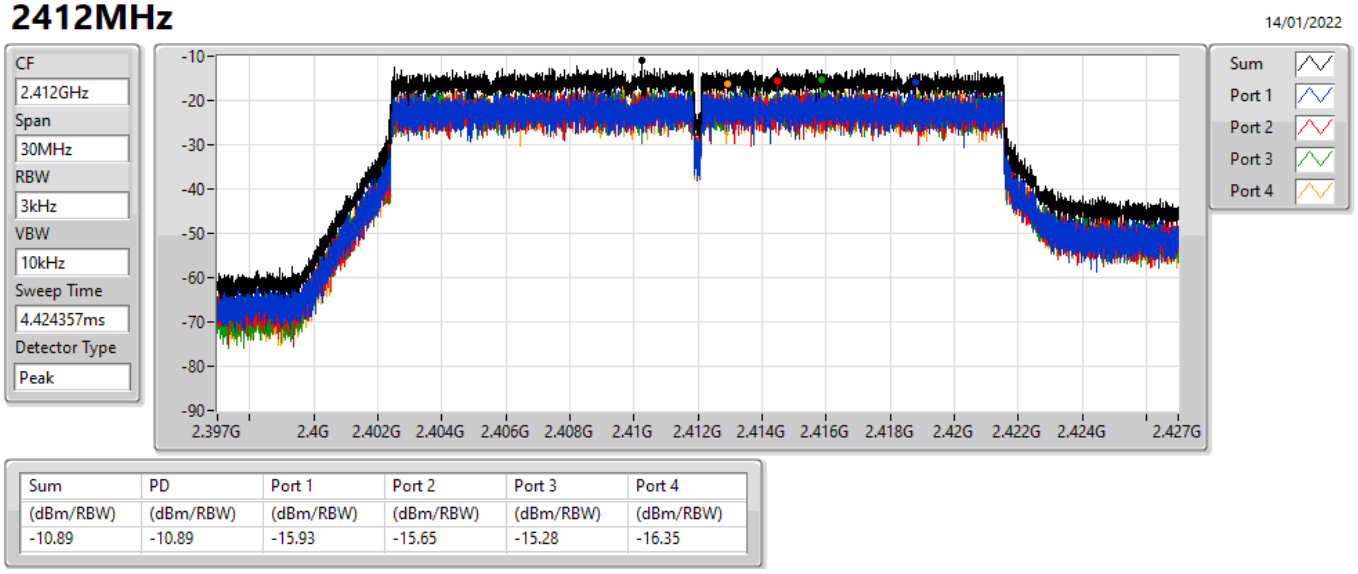
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.64	-7.64	-11.25	-11.47	-11.05	-11.54

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

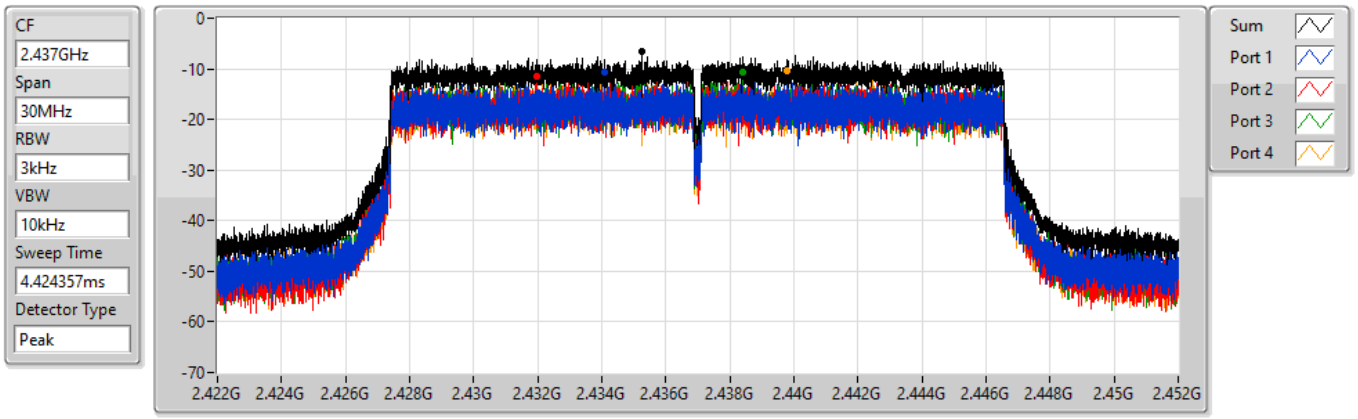
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.89	-10.89	-15.93	-15.65	-15.28	-16.35

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

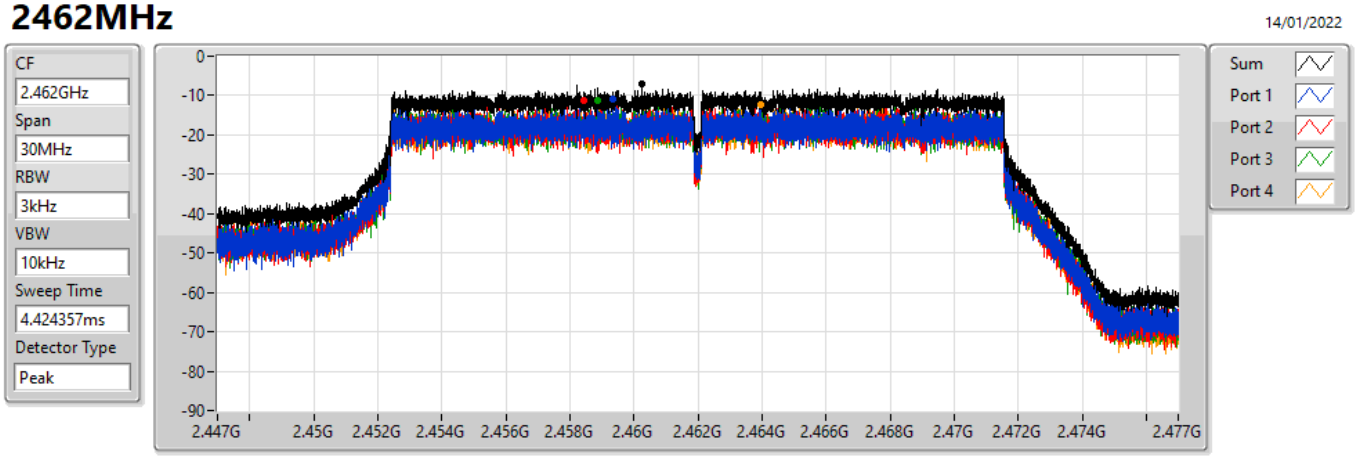
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.62	-6.62	-10.72	-11.42	-10.66	-10.47

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

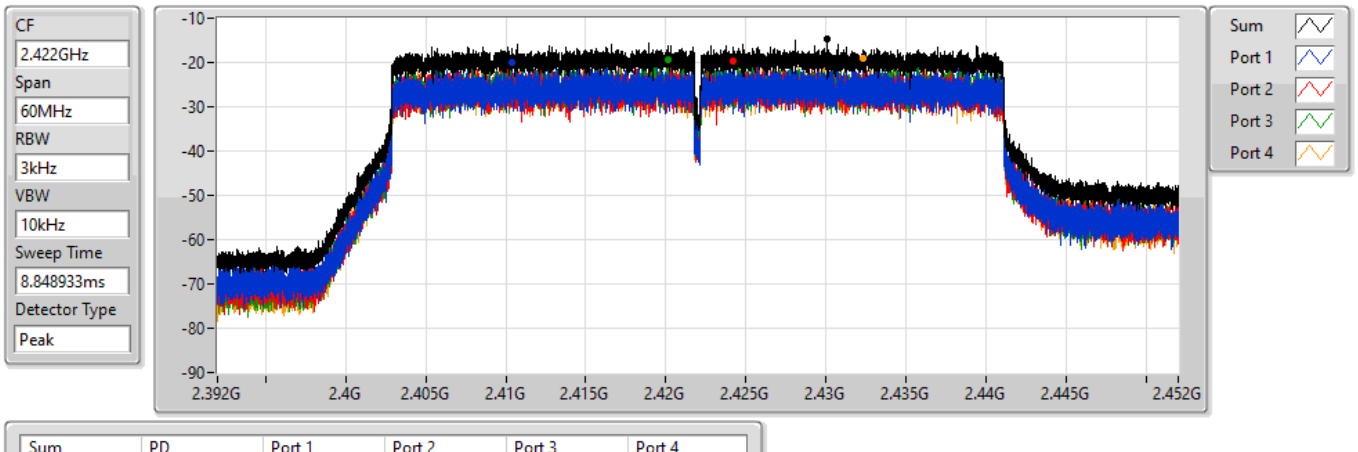
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.90	-6.90	-11.05	-11.41	-11.14	-12.13

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

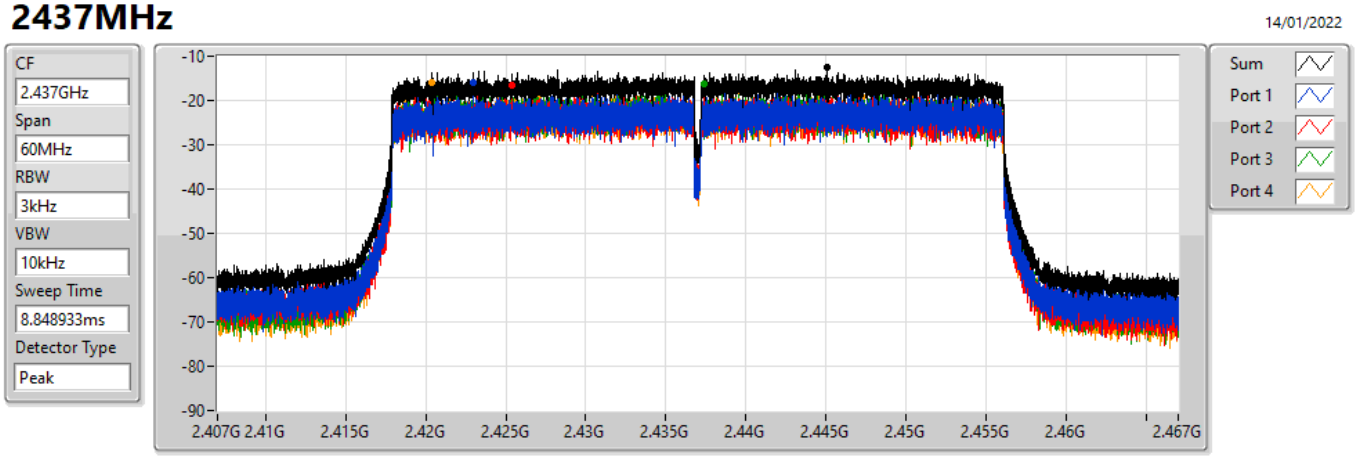
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.61	-14.61	-20.00	-19.80	-19.49	-19.19

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

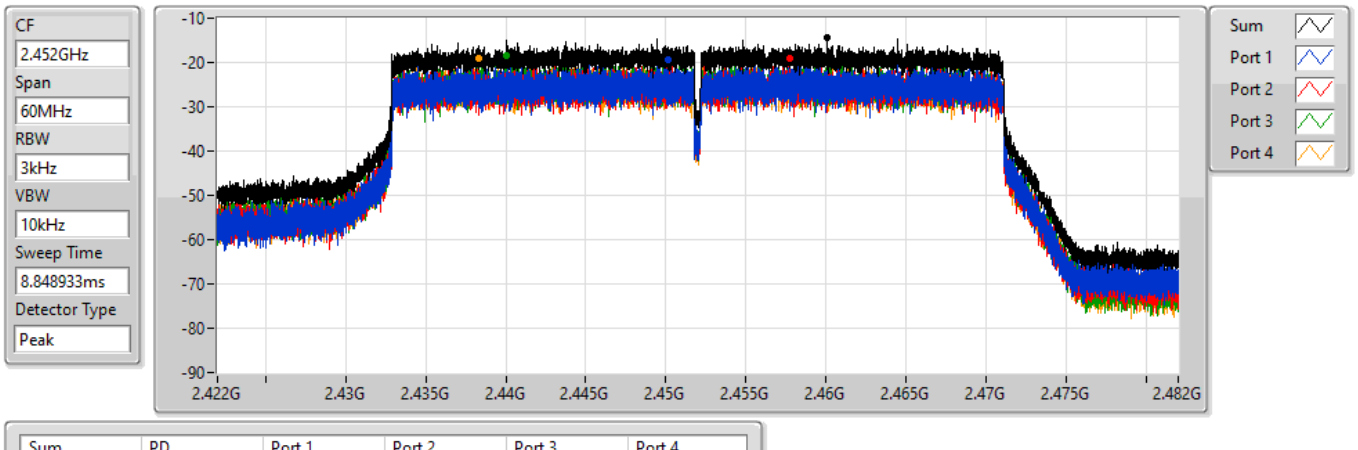
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.45	-12.45	-16.01	-16.68	-16.13	-16.08

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.51	-14.51	-19.32	-18.94	-18.40	-19.01

For Radio 2 / Ant. 1~Ant. 4 / non beamforming mode
Summary

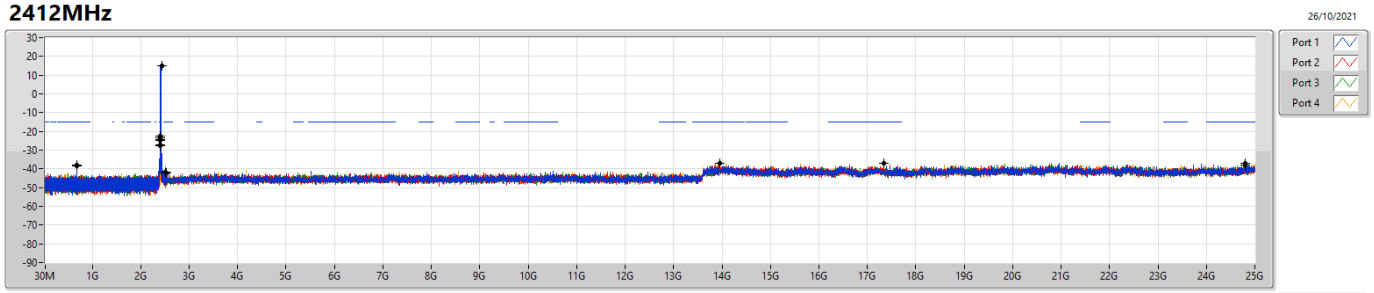
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43649G	15.04	-14.96	698.71M	-38.16	2.3995G	-22.57	2.4G	-26.94	2.48848G	-33.31	21.94039G	-37.39	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.442G	10.92	-19.08	479.11M	-42.50	2.39982G	-32.33	2.4G	-30.98	2.49214G	-42.15	16.52355G	-37.83	4
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.44196G	9.89	-20.11	872M	-42.06	2.4G	-31.73	2.4G	-29.93	2.4906G	-42.43	21.828G	-37.19	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.45574G	3.74	-26.26	741.33M	-42.47	2.39984G	-29.32	2.4G	-30.51	2.54166G	-42.19	14.94284G	-37.92	4

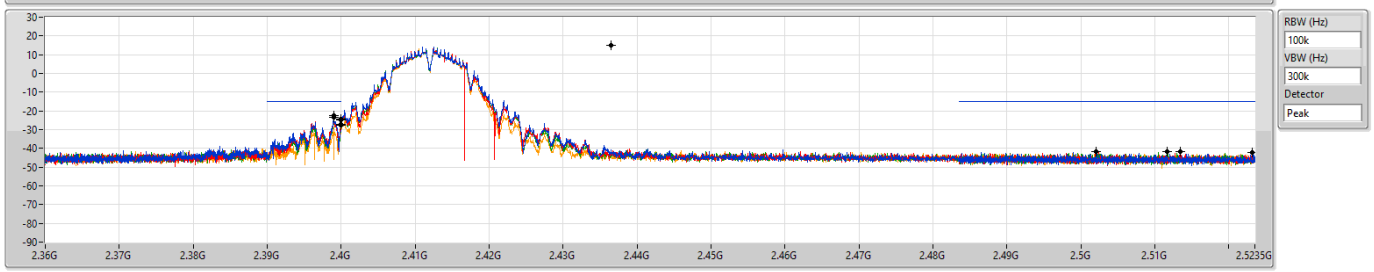
Result

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	15.04	-14.96	673.66M	-38.28	2.39902G	-22.71	2.4G	-24.49	2.5116G	-41.84	24.80895G	-38.09	1
2412MHz	Pass	2.43649G	15.04	-14.96	673.66M	-38.30	2.399G	-23.61	2.4G	-24.30	2.51348G	-41.86	13.9528G	-36.93	2
2412MHz	Pass	2.43649G	15.04	-14.96	673.66M	-37.85	2.4G	-24.57	2.4G	-24.91	2.52312G	-42.32	24.80614G	-37.25	3
2412MHz	Pass	2.43649G	15.04	-14.96	673.66M	-38.62	2.4G	-27.75	2.4G	-27.38	2.50208G	-41.66	17.34956G	-37.22	4
2437MHz	Pass	2.43649G	15.04	-14.96	698.71M	-38.16	2.3995G	-22.57	2.4G	-26.94	2.48848G	-33.31	21.94039G	-37.39	1
2437MHz	Pass	2.43649G	15.04	-14.96	698.71M	-37.09	2.39946G	-33.26	2.4G	-33.15	2.48544G	-35.56	24.39594G	-38.04	2
2437MHz	Pass	2.43649G	15.04	-14.96	698.71M	-37.15	2.39946G	-31.65	2.4G	-33.83	2.48556G	-35.86	24.87919G	-38.20	3
2437MHz	Pass	2.43649G	15.04	-14.96	698.71M	-37.36	2.396G	-37.50	2.4G	-41.09	2.48546G	-39.27	24.61509G	-38.01	4
2462MHz	Pass	2.43649G	15.04	-14.96	723.76M	-40.56	2.39278G	-42.71	2.4835G	-42.42	2.4885G	-40.57	14.13261G	-37.39	1
2462MHz	Pass	2.43649G	15.04	-14.96	723.76M	-39.92	2.39878G	-42.57	2.4835G	-42.74	2.48356G	-41.34	21.91229G	-38.15	2
2462MHz	Pass	2.43649G	15.04	-14.96	723.76M	-40.25	2.39784G	-43.11	2.4835G	-45.70	2.5165G	-41.92	14.34614G	-37.39	3
2462MHz	Pass	2.43649G	15.04	-14.96	723.76M	-41.59	2.39822G	-42.34	2.4G	-44.39	2.50806G	-41.67	24.882G	-37.54	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	10.92	-19.08	777.64M	-43.20	2.39982G	-32.80	2.4G	-34.29	2.4928G	-41.65	22.00782G	-37.55	1
2412MHz	Pass	2.442G	10.92	-19.08	926.76M	-43.17	2.39998G	-36.07	2.4G	-35.71	2.49428G	-42.41	24.83705G	-36.52	2
2412MHz	Pass	2.442G	10.92	-19.08	662.01M	-42.82	2.39988G	-31.91	2.4G	-34.11	2.49922G	-40.92	13.87975G	-38.00	3
2412MHz	Pass	2.442G	10.92	-19.08	479.11M	-42.50	2.39982G	-32.33	2.4G	-30.98	2.49214G	-42.15	16.52355G	-37.83	4
2437MHz	Pass	2.442G	10.92	-19.08	751.14M	-42.33	2.39978G	-32.12	2.4G	-35.59	2.48358G	-34.48	24.98876G	-37.89	1
2437MHz	Pass	2.442G	10.92	-19.08	1.92546G	-43.36	2.39884G	-31.29	2.4G	-34.37	2.48378G	-36.92	14.55124G	-37.54	2
2437MHz	Pass	2.442G	10.92	-19.08	1.97642G	-42.57	2.3992G	-33.52	2.4G	-34.87	2.48382G	-37.57	21.96848G	-37.97	3
2437MHz	Pass	2.442G	10.92	-19.08	436M	-43.01	2.39972G	-33.15	2.4G	-36.05	2.48514G	-37.42	21.59762G	-37.12	4
2462MHz	Pass	2.442G	10.92	-19.08	31.46M	-43.06	2.39822G	-42.65	2.4835G	-35.94	2.48352G	-34.21	17.34394G	-37.32	1
2462MHz	Pass	2.442G	10.92	-19.08	2.14244G	-42.54	2.39428G	-42.78	2.4835G	-39.57	2.4851G	-35.64	24.86795G	-37.92	2
2462MHz	Pass	2.442G	10.92	-19.08	444.45M	-42.00	2.3958G	-42.24	2.4835G	-38.45	2.48358G	-34.18	24.91009G	-38.43	3
2462MHz	Pass	2.442G	10.92	-19.08	1.79876G	-42.96	2.39526G	-42.94	2.4835G	-40.29	2.48382G	-37.27	24.95224G	-37.39	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	9.89	-20.11	1.93478G	-42.56	2.39994G	-30.77	2.4G	-32.39	2.5012G	-41.88	16.53198G	-37.63	1
2412MHz	Pass	2.44196G	9.89	-20.11	661.72M	-43.16	2.39998G	-34.15	2.4G	-35.33	2.49488G	-41.99	21.94882G	-36.88	2
2412MHz	Pass	2.44196G	9.89	-20.11	872M	-42.06	2.4G	-31.73	2.4G	-29.93	2.4906G	-42.43	21.828G	-37.19	3
2412MHz	Pass	2.44196G	9.89	-20.11	1.78944G	-43.03	2.39996G	-33.01	2.4G	-33.31	2.51024G	-42.42	16.5376G	-37.50	4
2437MHz	Pass	2.44196G	9.89	-20.11	1.80197G	-42.84	2.39974G	-31.37	2.4G	-35.60	2.4842G	-36.61	16.43926G	-37.21	1
2437MHz	Pass	2.44196G	9.89	-20.11	439.5M	-42.90	2.39978G	-33.31	2.4G	-36.88	2.48434G	-37.15	24.91852G	-37.05	2
2437MHz	Pass	2.44196G	9.89	-20.11	1.65022G	-43.42	2.39924G	-32.99	2.4G	-34.94	2.48392G	-36.93	21.87577G	-38.00	3
2437MHz	Pass	2.44196G	9.89	-20.11	2.05186G	-42.00	2.3955G	-32.57	2.4G	-34.38	2.48526G	-37.40	17.08265G	-37.51	4
2462MHz	Pass	2.44196G	9.89	-20.11	738.9M	-42.95	2.39166G	-43.24	2.4835G	-42.33	2.48416G	-39.21	14.11856G	-38.03	1
2462MHz	Pass	2.44196G	9.89	-20.11	888.61M	-43.29	2.391G	-42.50	2.4835G	-43.03	2.48796G	-39.38	14.15228G	-37.77	2
2462MHz	Pass	2.44196G	9.89	-20.11	2.0903G	-43.24	2.39132G	-42.55	2.4G	-44.56	2.48414G	-40.39	24.78928G	-37.37	3
2462MHz	Pass	2.44196G	9.89	-20.11	1.85235G	-42.65	2.39652G	-43.18	2.4835G	-42.78	2.4838G	-38.88	16.40836G	-38.04	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45574G	3.74	-26.26	654.6M	-43.17	2.39984G	-30.80	2.4G	-33.73	2.55926G	-42.34	24.27642G	-36.87	1
2422MHz	Pass	2.45574G	3.74	-26.26	705.26M	-42.72	2.39984G	-31.88	2.4G	-32.03	2.49466G	-41.11	21.9907G	-38.08	2
2422MHz	Pass	2.45574G	3.74	-26.26	2.08671G	-43.37	2.39984G	-32.40	2.4G	-31.67	2.48398G	-42.35	23.23313G	-37.11	3
2422MHz	Pass	2.45574G	3.74	-26.26	741.33M	-42.47	2.39984G	-29.32	2.4G	-30.51	2.54166G	-42.19	14.94284G	-37.92	4
2437MHz	Pass	2.45574G	3.74	-26.26	68.93M	-42.19	2.39956G	-34.37	2.4G	-38.36	2.48486G	-39.19	14.17439G	-37.53	1
2437MHz	Pass	2.45574G	3.74	-26.26	1.75466G	-42.90	2.39948G	-34.95	2.4G	-38.77	2.48754G	-40.15	21.72988G	-38.23	2
2437MHz	Pass	2.45574G	3.74	-26.26	947.43M	-42.95	2.39952G	-35.18	2.4G	-39.03	2.48382G	-39.99	16.34792G	-37.27	3
2437MHz	Pass	2.45574G	3.74	-26.26	586.76M	-42.68	2.39956G	-35.59	2.4G	-37.51	2.4853G	-39.85	17.624G	-37.63	4
2452MHz	Pass	2.45574G	3.74	-26.26	212.91M	-42.32	2.39572G	-35.36	2.4G	-38.36	2.48446G	-37.41	24.96635G	-37.27	1
2452MHz	Pass	2.45574G	3.74	-26.26	2.16571G	-42.49	2.39572G	-34.89	2.4G	-40.27	2.5095G	-40.86	14.63995G	-37.57	2
2452MHz	Pass	2.45574G	3.74	-26.26	1.43434G	-43.03	2.39952G	-34.13	2.4G	-38.69	2.55246G	-40.74	24.92428G	-37.29	3
2452MHz	Pass	2.45574G	3.74	-26.26	547.83M	-43.09	2.39956G	-35.18	2.4G	-38.71	2.4845G	-40.58	14.10427G	-37.77	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2412MHz

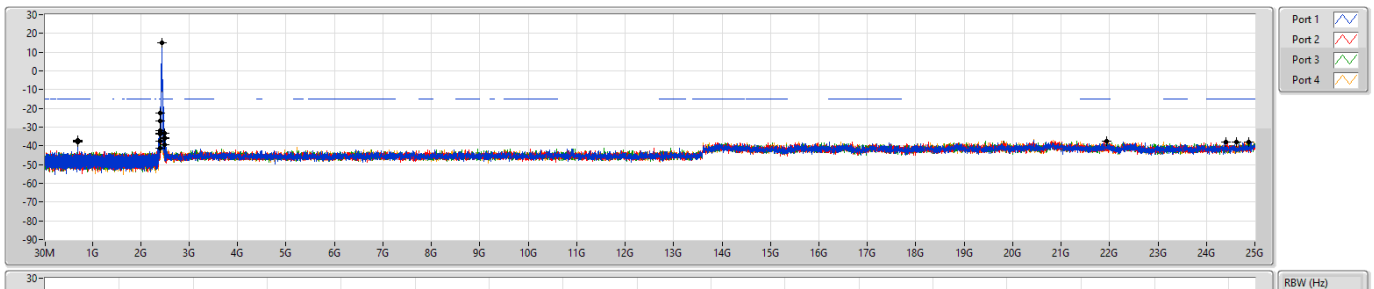


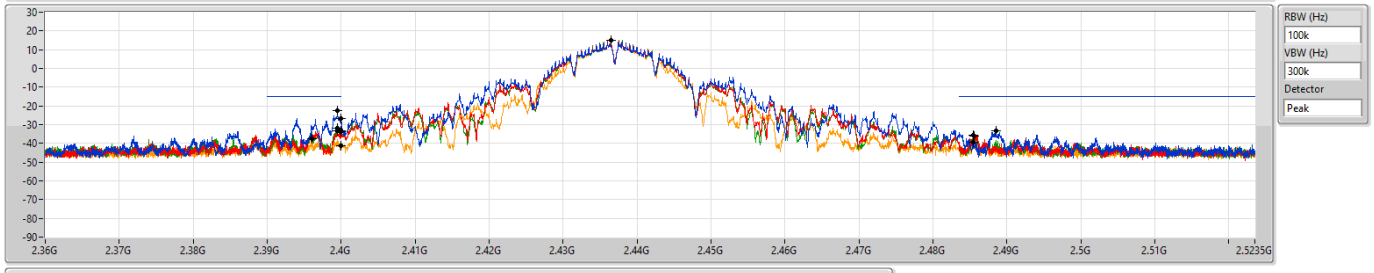


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	15.04	-14.96	673.66M	-38.28	2.39902G	-22.71	2.4G	-24.49	2.5116G	-41.84	24.80895G	-38.09	1
2.43649G	15.04	-14.96	673.66M	-38.30	2.399G	-23.61	2.4G	-24.30	2.51348G	-41.86	13.9528G	-36.93	2
2.43649G	15.04	-14.96	673.66M	-37.85	2.4G	-24.57	2.4G	-24.91	2.52312G	-42.32	24.80614G	-37.25	3
2.43649G	15.04	-14.96	673.66M	-38.62	2.4G	-27.75	2.4G	-27.38	2.50208G	-41.66	17.34956G	-37.22	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2437MHz

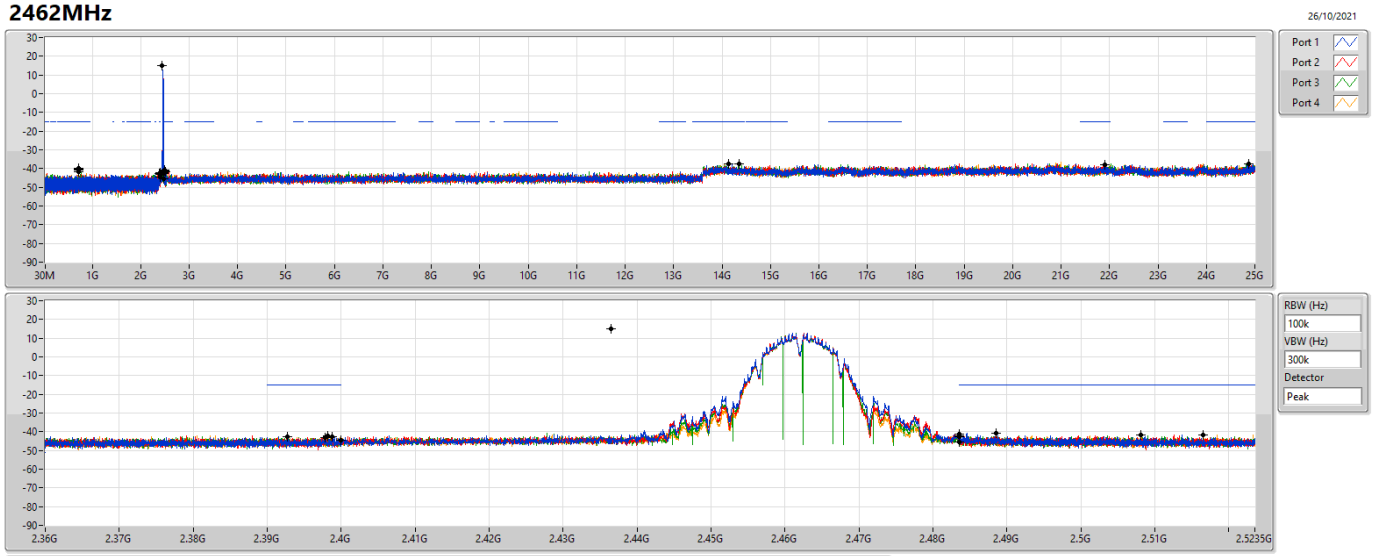




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	15.04	-14.96	698.71M	-38.16	2.3995G	-22.57	2.4G	-26.94	2.48848G	-33.31	21.94039G	-37.39	1
2.43649G	15.04	-14.96	698.71M	-37.09	2.39946G	-33.26	2.4G	-33.15	2.48544G	-35.56	24.39594G	-38.04	2
2.43649G	15.04	-14.96	698.71M	-37.15	2.39946G	-31.65	2.4G	-33.83	2.48556G	-35.86	24.87919G	-38.20	3
2.43649G	15.04	-14.96	698.71M	-37.36	2.396G	-37.50	2.4G	-41.09	2.48546G	-39.27	24.61509G	-38.01	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

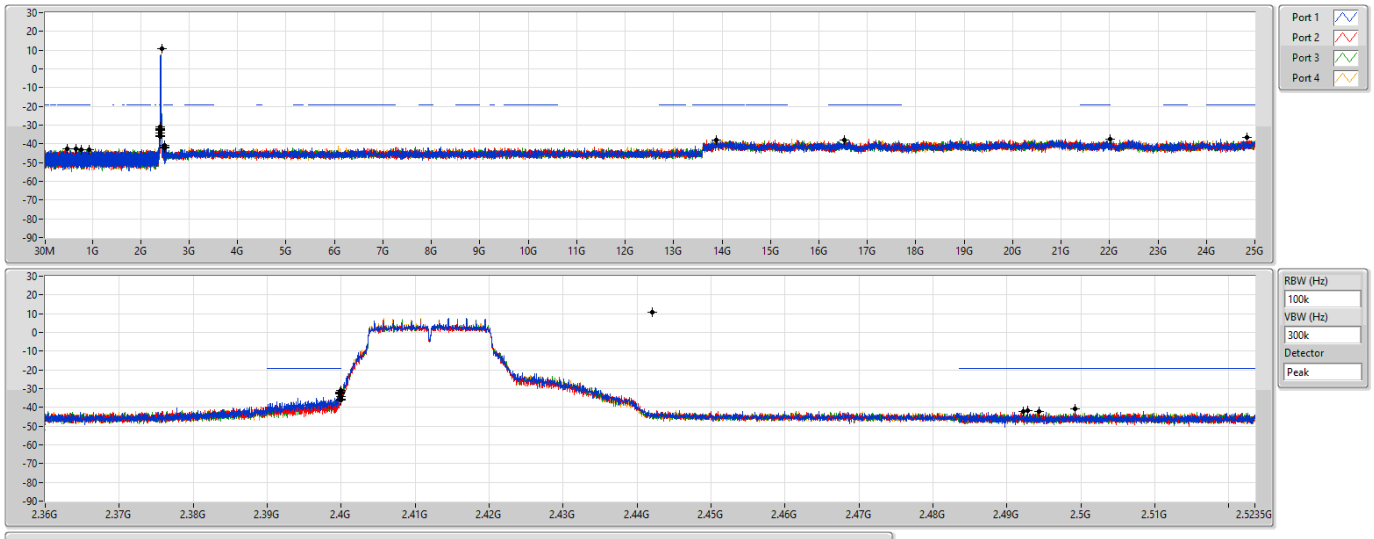
2462MHz



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
2.43649G	15.04	-14.96	723.76M	-40.56	2.39278G	-42.71	2.4835G	-42.42	2.4885G	-40.57	14.13261G	-37.39	1
2.43649G	15.04	-14.96	723.76M	-39.92	2.39878G	-42.57	2.4835G	-42.74	2.48356G	-41.34	21.91229G	-38.15	2
2.43649G	15.04	-14.96	723.76M	-40.25	2.39784G	-43.11	2.4835G	-45.70	2.5165G	-41.92	14.34614G	-37.39	3
2.43649G	15.04	-14.96	723.76M	-41.59	2.39822G	-42.34	2.4G	-44.39	2.50806G	-41.67	24.882G	-37.54	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

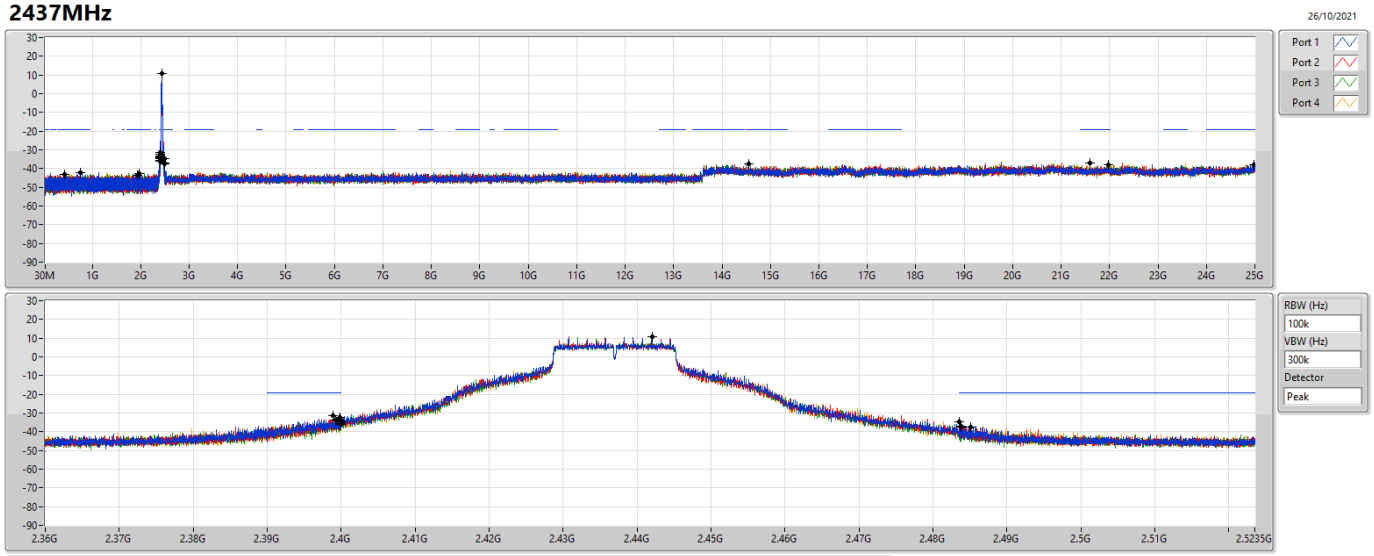
2412MHz



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
2.442G	10.92	-19.08	777.64M	-43.20	2.39982G	-32.80	2.4G	-34.29	2.4928G	-41.65	22.00782G	-37.55	1
2.442G	10.92	-19.08	926.76M	-43.17	2.39998G	-36.07	2.4G	-35.71	2.49428G	-42.41	24.83705G	-36.52	2
2.442G	10.92	-19.08	662.01M	-42.82	2.39988G	-31.91	2.4G	-34.11	2.49922G	-40.92	13.87975G	-38.00	3
2.442G	10.92	-19.08	479.11M	-42.50	2.39982G	-32.33	2.4G	-30.98	2.49214G	-42.15	16.52355G	-37.83	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

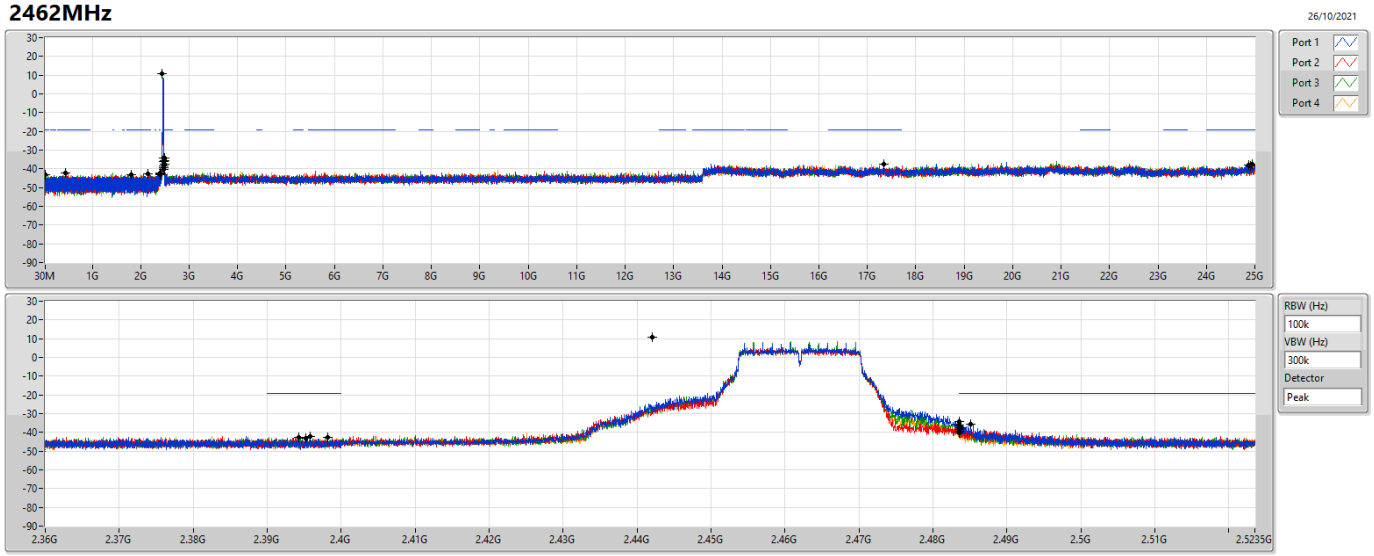
2437MHz



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	10.92	-19.08	751.14M	-42.33	2.39978G	-32.12	2.4G	-35.59	2.48358G	-34.48	24.98876G	-37.89	1
2.442G	10.92	-19.08	1.92546G	-43.36	2.39884G	-31.29	2.4G	-34.37	2.48378G	-36.92	14.55124G	-37.54	2
2.442G	10.92	-19.08	1.97642G	-42.57	2.3992G	-33.52	2.4G	-34.87	2.48382G	-37.57	21.96848G	-37.97	3
2.442G	10.92	-19.08	436M	-43.01	2.39972G	-33.15	2.4G	-36.05	2.48514G	-37.42	21.59762G	-37.12	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

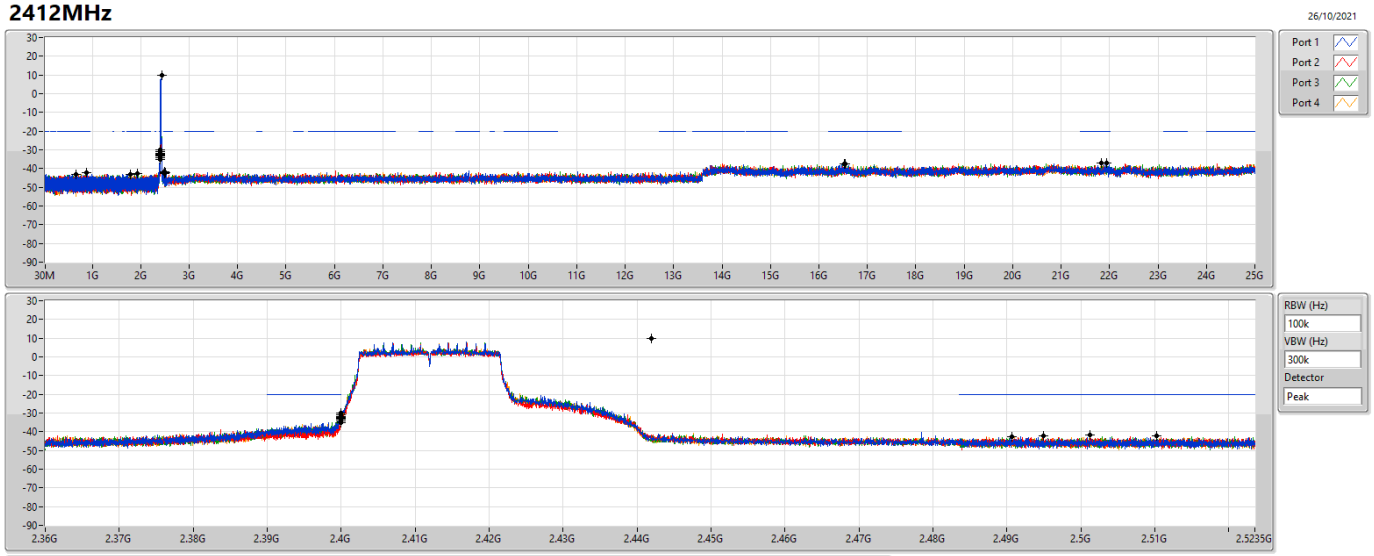
2462MHz



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
2.442G	10.92	-19.08	31.46M	-43.06	2.39822G	-42.65	2.4835G	-35.94	2.48352G	-34.21	17.34394G	-37.32	1
2.442G	10.92	-19.08	2.14244G	-42.54	2.39428G	-42.78	2.4835G	-39.57	2.4851G	-35.64	24.86795G	-37.92	2
2.442G	10.92	-19.08	444.45M	-42.00	2.3958G	-42.24	2.4835G	-38.45	2.48358G	-34.18	24.91009G	-38.43	3
2.442G	10.92	-19.08	1.79876G	-42.96	2.39526G	-42.94	2.4835G	-40.29	2.48382G	-37.27	24.95224G	-37.39	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

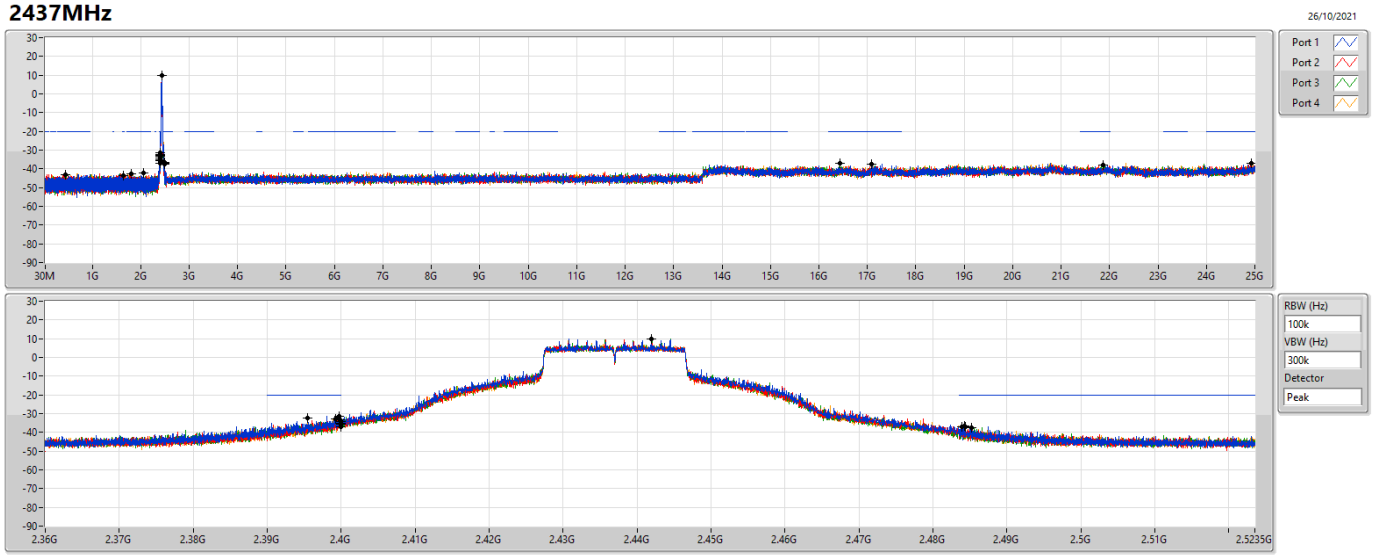
2412MHz



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
2.44196G	9.89	-20.11	1.93478G	-42.56	2.39994G	-30.77	2.4G	-32.39	2.5012G	-41.88	16.53198G	-37.63	1
2.44196G	9.89	-20.11	661.72M	-43.16	2.39998G	-34.15	2.4G	-35.33	2.49488G	-41.99	21.94882G	-36.88	2
2.44196G	9.89	-20.11	872M	-42.06	2.4G	-31.73	2.4G	-29.93	2.4906G	-42.43	21.828G	-37.19	3
2.44196G	9.89	-20.11	1.78944G	-43.03	2.39996G	-33.01	2.4G	-33.31	2.51024G	-42.42	16.5376G	-37.50	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

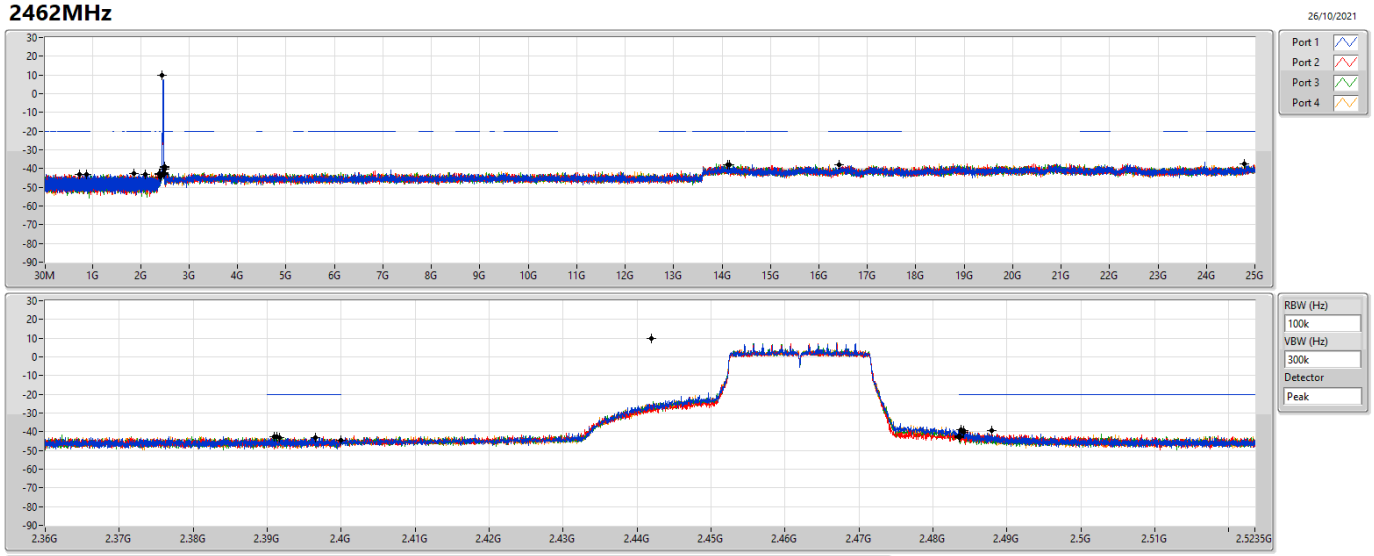
2437MHz



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
2.44196G	9.89	-20.11	1.80197G	-42.84	2.39974G	-31.37	2.4G	-35.60	2.4842G	-36.61	16.43926G	-37.21	1
2.44196G	9.89	-20.11	439.5M	-42.90	2.39978G	-33.31	2.4G	-36.88	2.48434G	-37.15	24.91852G	-37.05	2
2.44196G	9.89	-20.11	1.65022G	-43.42	2.39924G	-32.99	2.4G	-34.94	2.48392G	-36.93	21.87577G	-38.00	3
2.44196G	9.89	-20.11	2.05186G	-42.00	2.3955G	-32.57	2.4G	-34.38	2.48526G	-37.40	17.08265G	-37.51	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

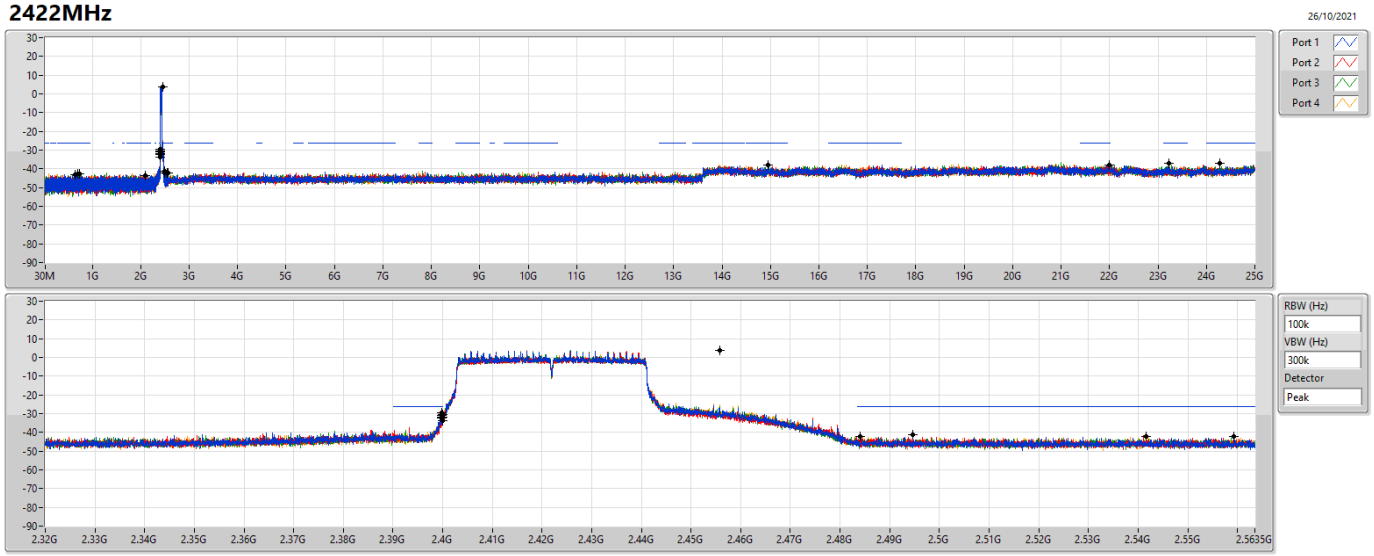
2462MHz



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
2.44196G	9.89	-20.11	738.9M	-42.95	2.39166G	-43.24	2.4835G	-42.33	2.48416G	-39.21	14.11856G	-38.03	1
2.44196G	9.89	-20.11	888.61M	-43.29	2.391G	-42.50	2.4835G	-43.03	2.48796G	-39.38	14.15228G	-37.77	2
2.44196G	9.89	-20.11	2.0903G	-43.24	2.39132G	-42.55	2.4G	-44.56	2.48414G	-40.39	24.78928G	-37.37	3
2.44196G	9.89	-20.11	1.85235G	-42.65	2.39652G	-43.18	2.4835G	-42.78	2.4838G	-38.88	16.40836G	-38.04	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

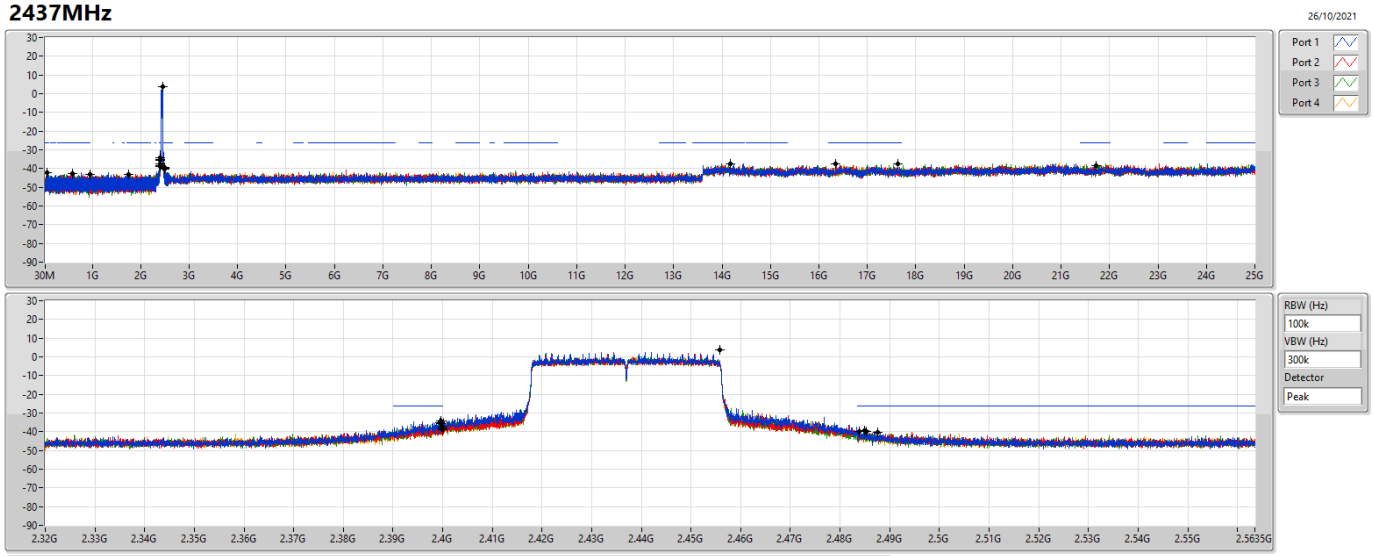
2422MHz



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
2.45574G	3.74	-26.26	654.6M	-43.17	2.39984G	-30.80	2.4G	-33.73	2.55926G	-42.34	24.27642G	-36.87	1
2.45574G	3.74	-26.26	705.26M	-42.72	2.39984G	-31.88	2.4G	-32.03	2.49466G	-41.11	21.9907G	-38.08	2
2.45574G	3.74	-26.26	2.08671G	-43.37	2.39984G	-32.40	2.4G	-31.67	2.48398G	-42.35	23.23313G	-37.11	3
2.45574G	3.74	-26.26	741.33M	-42.47	2.39984G	-29.32	2.4G	-30.51	2.54166G	-42.19	14.94284G	-37.92	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

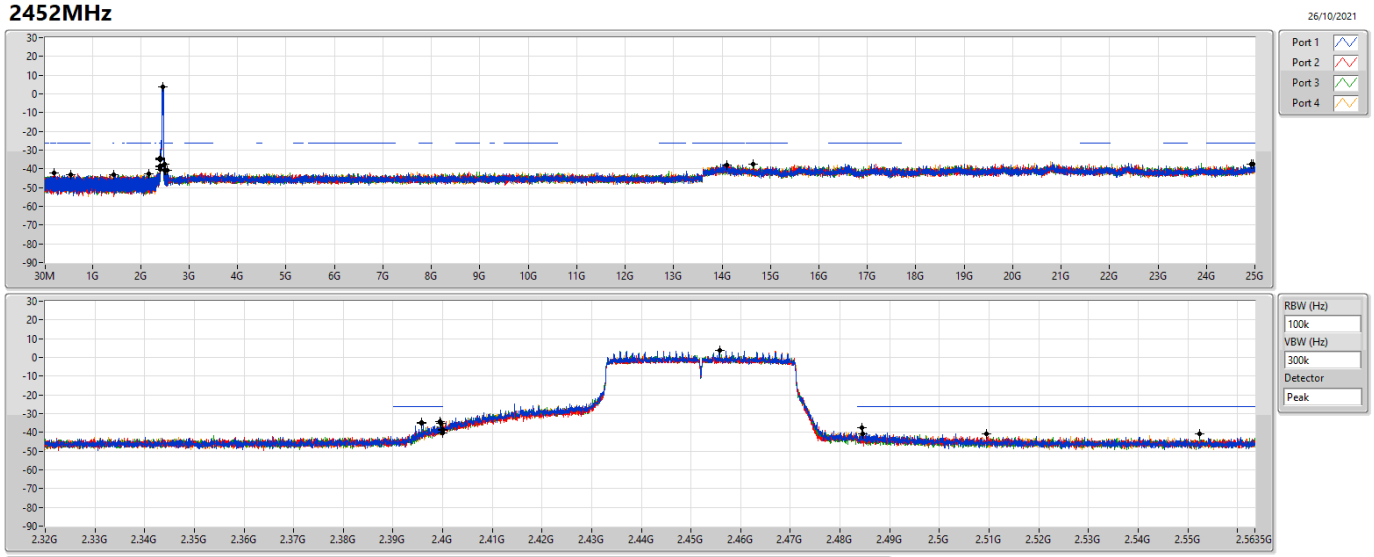
2437MHz



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
2.45574G	3.74	-26.26	68.93M	-42.19	2.39956G	-34.37	2.4G	-38.36	2.48486G	-39.19	14.17439G	-37.53	1
2.45574G	3.74	-26.26	1.75466G	-42.90	2.39948G	-34.95	2.4G	-38.77	2.48754G	-40.15	21.72988G	-38.23	2
2.45574G	3.74	-26.26	947.43M	-42.95	2.39952G	-35.18	2.4G	-39.03	2.48382G	-39.99	16.34792G	-37.27	3
2.45574G	3.74	-26.26	586.76M	-42.68	2.39956G	-35.59	2.4G	-37.51	2.4853G	-39.85	17.624G	-37.63	4

802.11ax HEW40_Nss1,(MCS0)_4TX **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
2.45574G	3.74	-26.26	212.91M	-42.32	2.39572G	-35.36	2.4G	-38.36	2.48446G	-37.41	24.96635G	-37.27	1
2.45574G	3.74	-26.26	2.16571G	-42.49	2.39572G	-34.89	2.4G	-40.27	2.5095G	-40.86	14.63995G	-37.57	2
2.45574G	3.74	-26.26	1.43434G	-43.03	2.39952G	-34.13	2.4G	-38.69	2.55246G	-40.74	24.92428G	-37.29	3
2.45574G	3.74	-26.26	547.83M	-43.09	2.39956G	-35.18	2.4G	-38.71	2.4845G	-40.58	14.10427G	-37.77	4

For Scaning radio 4 / Ant. 13~Ant. 14 / non beamforming
Summary

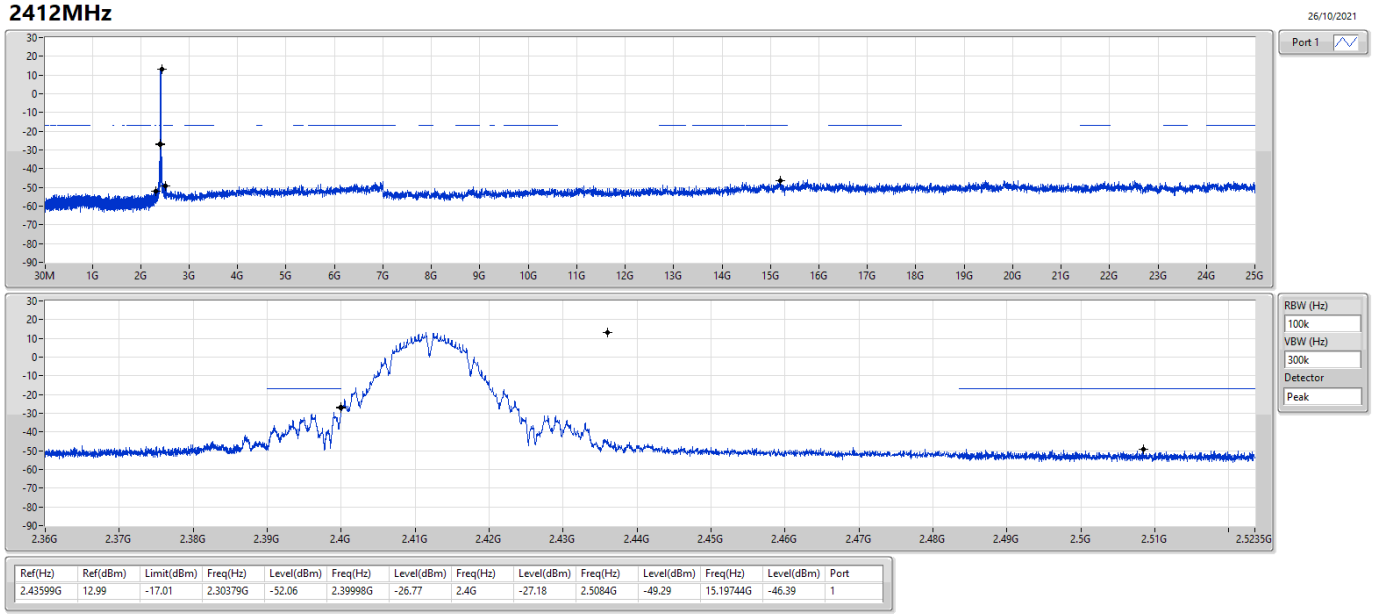
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43599G	12.99	-17.01	2.30379G	-52.06	2.39998G	-26.77	2.4G	-27.18	2.5084G	-49.29	15.19744G	-46.39	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44196G	10.66	-19.34	2.30612G	-51.43	2.3989G	-29.91	2.4G	-34.43	2.48444G	-34.91	24.38752G	-45.19	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43069G	9.25	-20.75	2.3035G	-52.76	2.4G	-30.83	2.4G	-32.10	2.5136G	-49.95	15.18901G	-46.07	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.42572G	3.35	-26.65	2.30912G	-52.21	2.39976G	-30.77	2.4G	-30.96	2.48594G	-48.86	24.96354G	-45.61	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	12.99	-17.01	2.30379G	-52.06	2.39998G	-26.77	2.4G	-27.18	2.5084G	-49.29	15.19744G	-46.39	1
2437MHz	Pass	2.43599G	12.99	-17.01	2.11797G	-52.41	2.39734G	-47.08	2.4G	-49.43	2.4955G	-47.81	15.17215G	-45.91	1
2462MHz	Pass	2.43599G	12.99	-17.01	688.52M	-52.83	2.39506G	-49.51	2.4835G	-41.79	2.4845G	-43.16	24.75838G	-46.43	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	10.66	-19.34	2.30787G	-52.46	2.39976G	-30.77	2.4G	-32.05	2.49366G	-50.03	24.85671G	-46.21	1
2437MHz	Pass	2.44196G	10.66	-19.34	2.30612G	-51.43	2.3989G	-29.91	2.4G	-34.43	2.48444G	-34.91	24.38752G	-45.19	1
2462MHz	Pass	2.44196G	10.66	-19.34	2.19195G	-52.84	2.39908G	-49.52	2.4835G	-40.25	2.48354G	-40.92	14.84624G	-46.29	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43069G	9.25	-20.75	2.3035G	-52.76	2.4G	-30.83	2.4G	-32.10	2.5136G	-49.95	15.18901G	-46.07	1
2437MHz	Pass	2.43069G	9.25	-20.75	2.30466G	-51.34	2.3997G	-33.20	2.4G	-36.18	2.48432G	-37.68	24.49428G	-45.67	1
2462MHz	Pass	2.43069G	9.25	-20.75	2.30787G	-52.68	2.39486G	-50.41	2.4835G	-42.30	2.48432G	-39.49	21.79148G	-45.83	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42572G	3.35	-26.65	2.30912G	-52.21	2.39976G	-30.77	2.4G	-30.96	2.48594G	-48.86	24.96354G	-45.61	1
2437MHz	Pass	2.42572G	3.35	-26.65	816.62M	-52.57	2.39948G	-33.63	2.4G	-37.44	2.4837G	-39.15	24.52883G	-46.35	1
2452MHz	Pass	2.42572G	3.35	-26.65	2.15111G	-52.81	2.39972G	-37.95	2.4G	-41.18	2.48446G	-37.48	24.45311G	-45.50	1

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

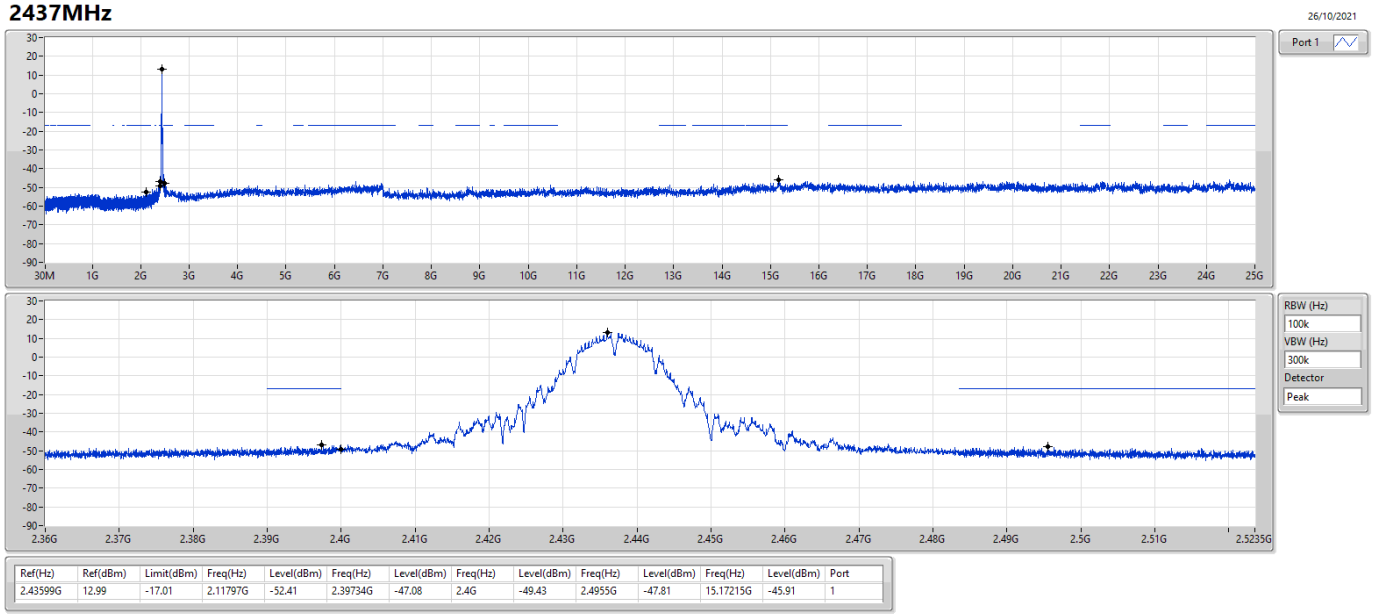
2412MHz



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	12.99	-17.01	2.30379G	-52.06	2.39998G	-26.77	2.4G	-27.18	2.5084G	-49.29	15.19744G	-46.39	1

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

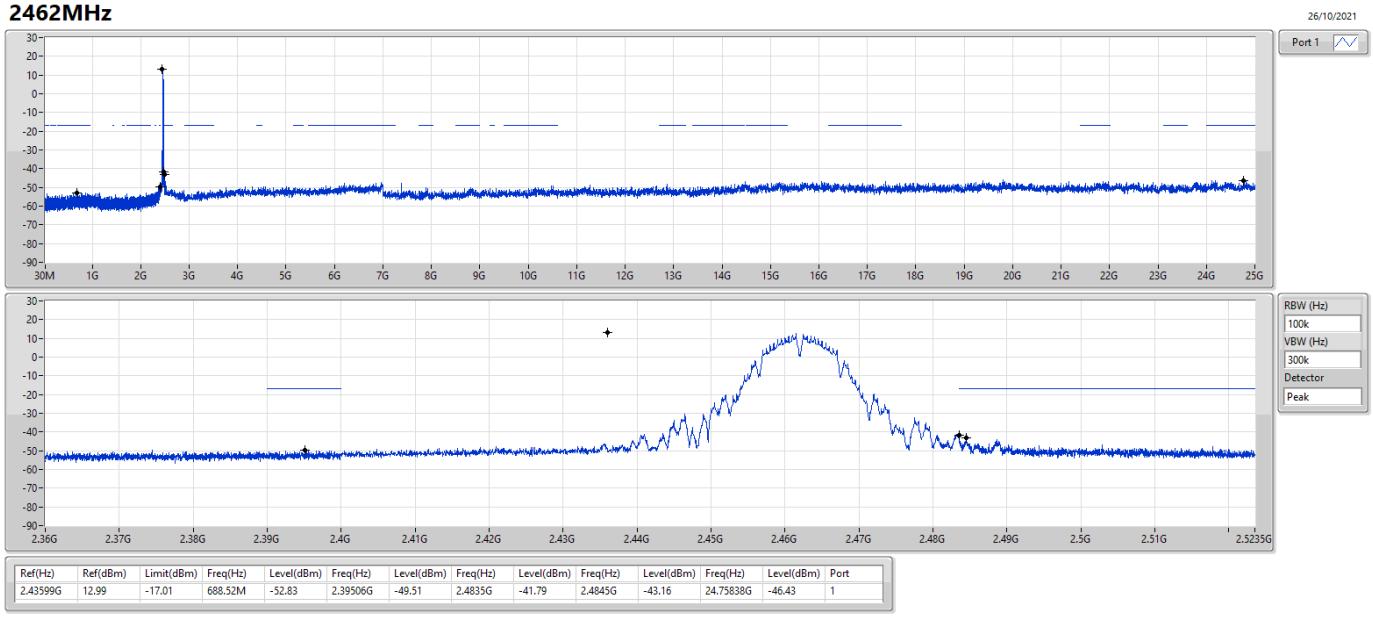
2437MHz



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	12.99	-17.01	2.11797G	-52.41	2.39734G	-47.08	2.4G	-49.43	2.4955G	-47.81	15.17215G	-45.91	1

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

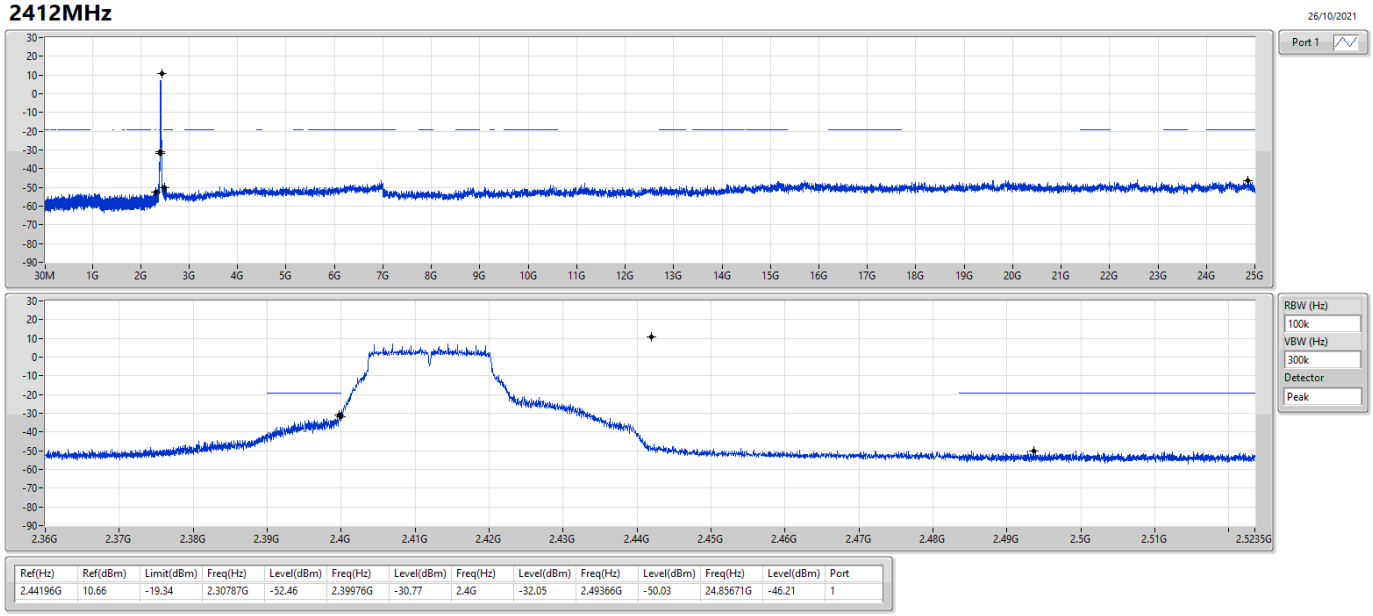
2462MHz



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	12.99	-17.01	688.52M	-52.83	2.39506G	-49.51	2.4835G	-41.79	2.4845G	-43.16	24.75838G	-46.43	1

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

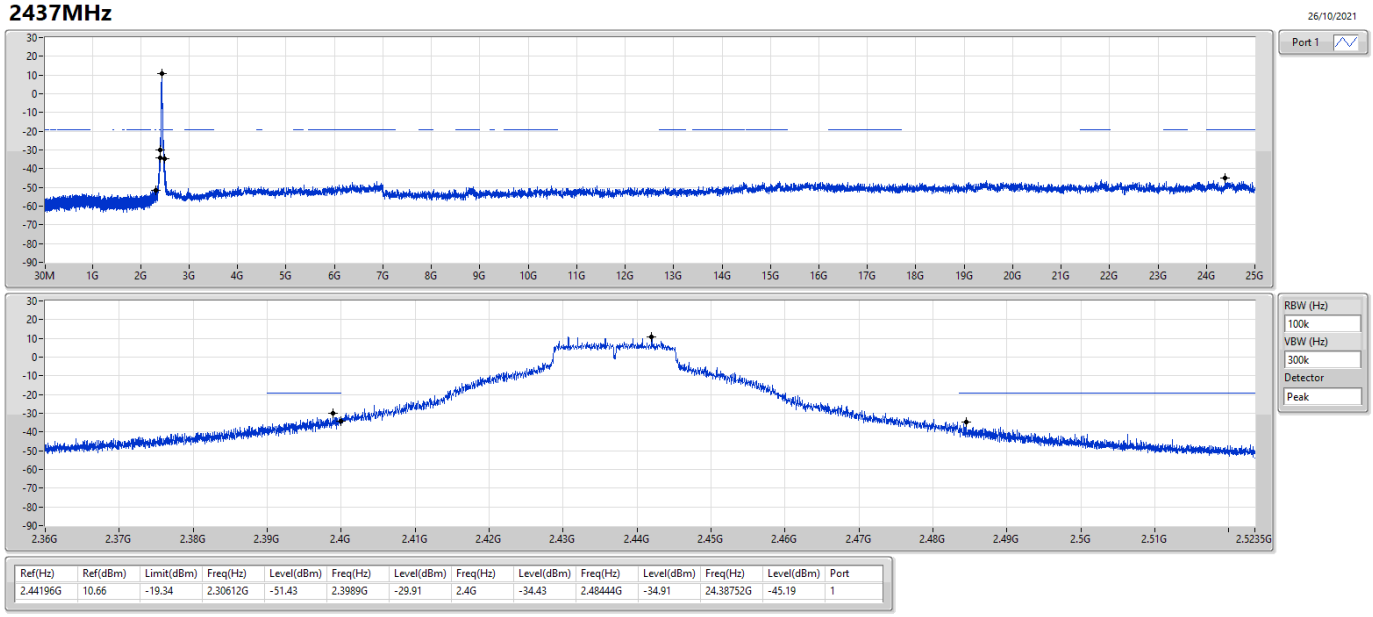
2412MHz



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
2.44196G	10.66	-19.34	2.30787G	-52.46	2.39976G	-30.77	2.4G	-32.05	2.49366G	-50.03	24.85671G	-46.21	1

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

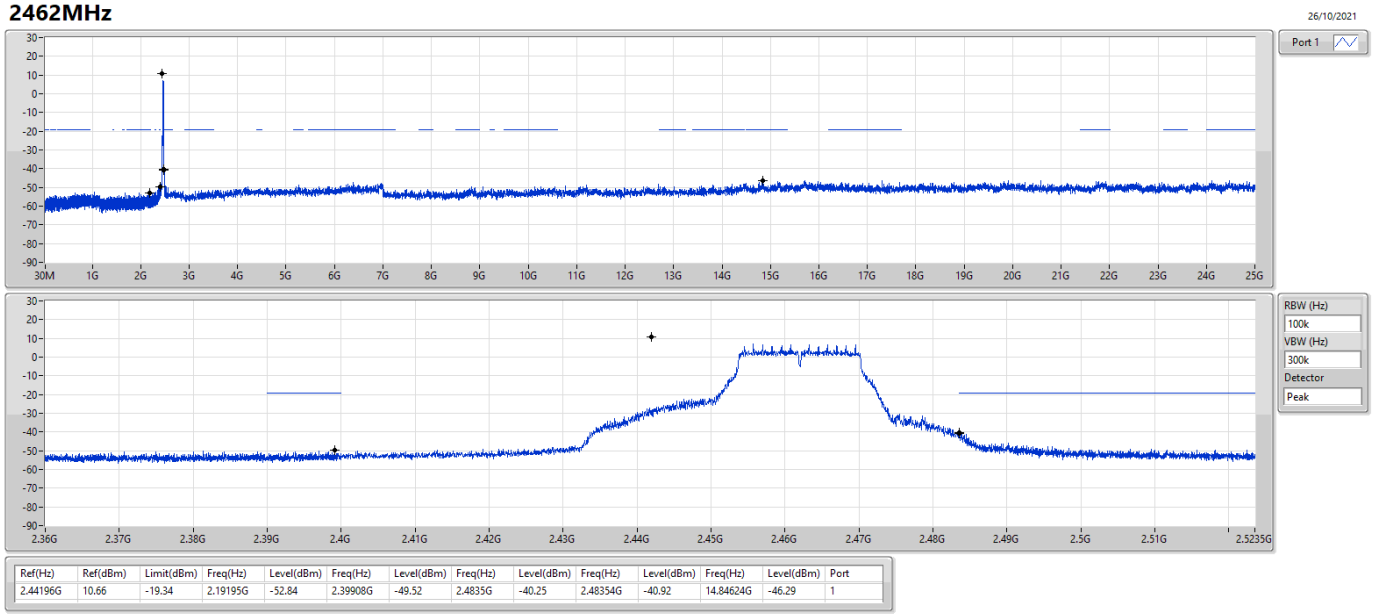
2437MHz



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
2.44196G	10.66	-19.34	2.30612G	-51.43	2.3989G	-29.91	2.4G	-34.43	2.48444G	-34.91	24.38752G	-45.19	1

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

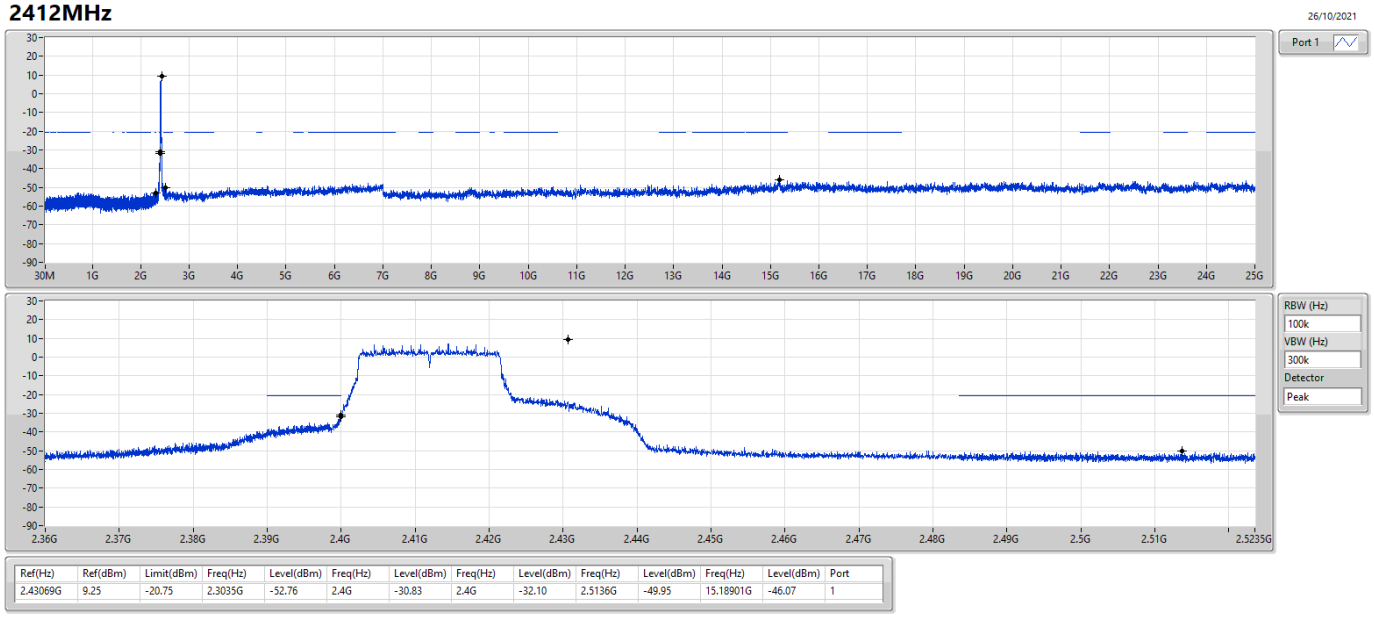
2462MHz



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
2.44196G	10.66	-19.34	2.19195G	-52.84	2.39908G	-49.52	2.4835G	-40.25	2.48354G	-40.92	14.84624G	-46.29	1

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

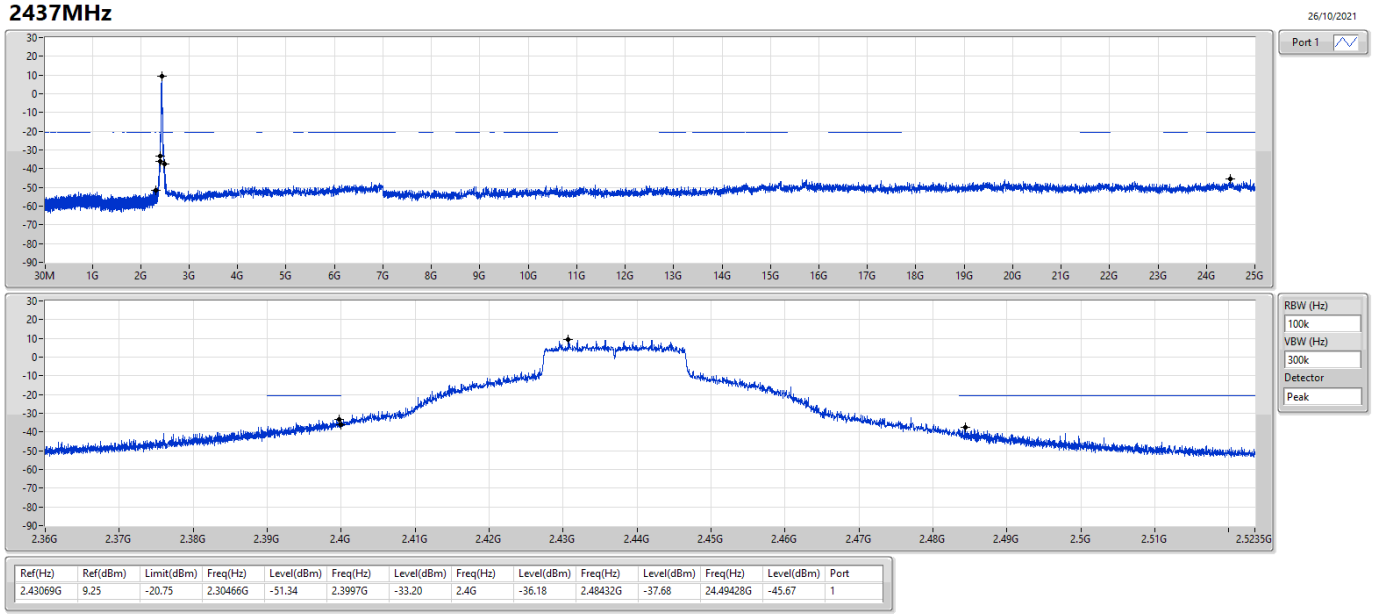
2412MHz



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
2.43069G	9.25	-20.75	2.3035G	-52.76	2.4G	-30.83	2.4G	-32.10	2.5136G	-49.95	15.18901G	-46.07	1

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

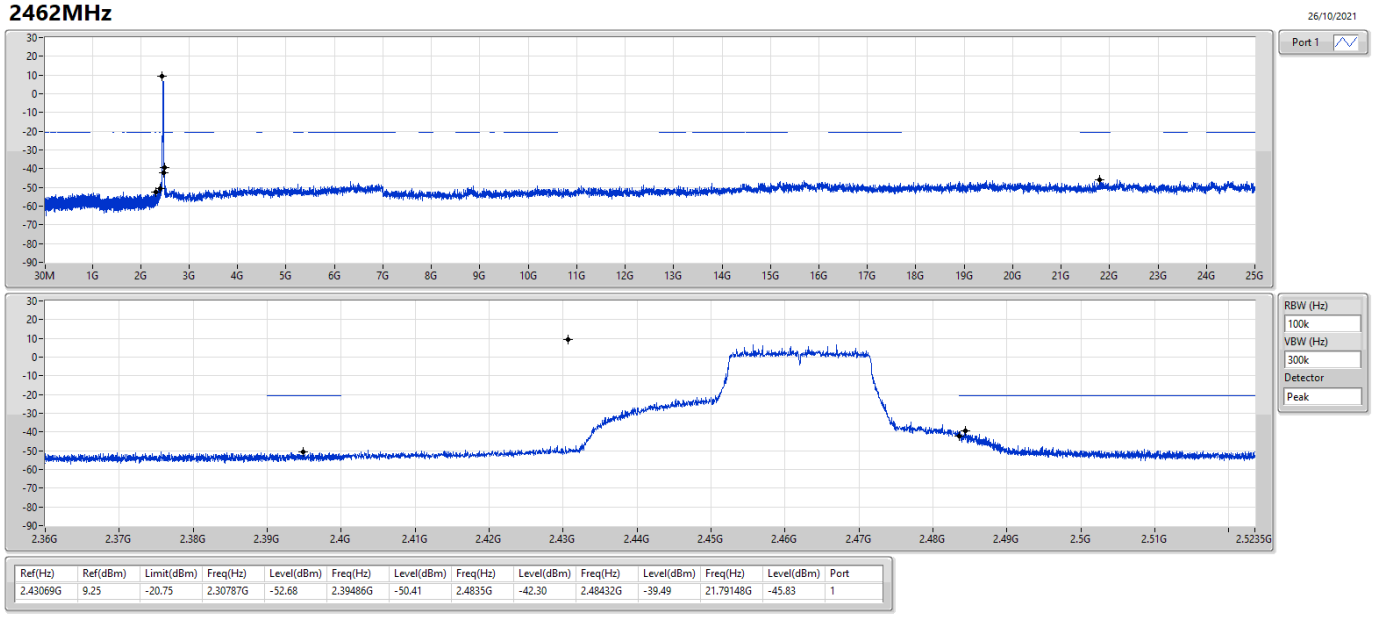
2437MHz



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
2.43069G	9.25	-20.75	2.30466G	-51.34	2.3997G	-33.20	2.4G	-36.18	2.48432G	-37.68	24.49428G	-45.67	1

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

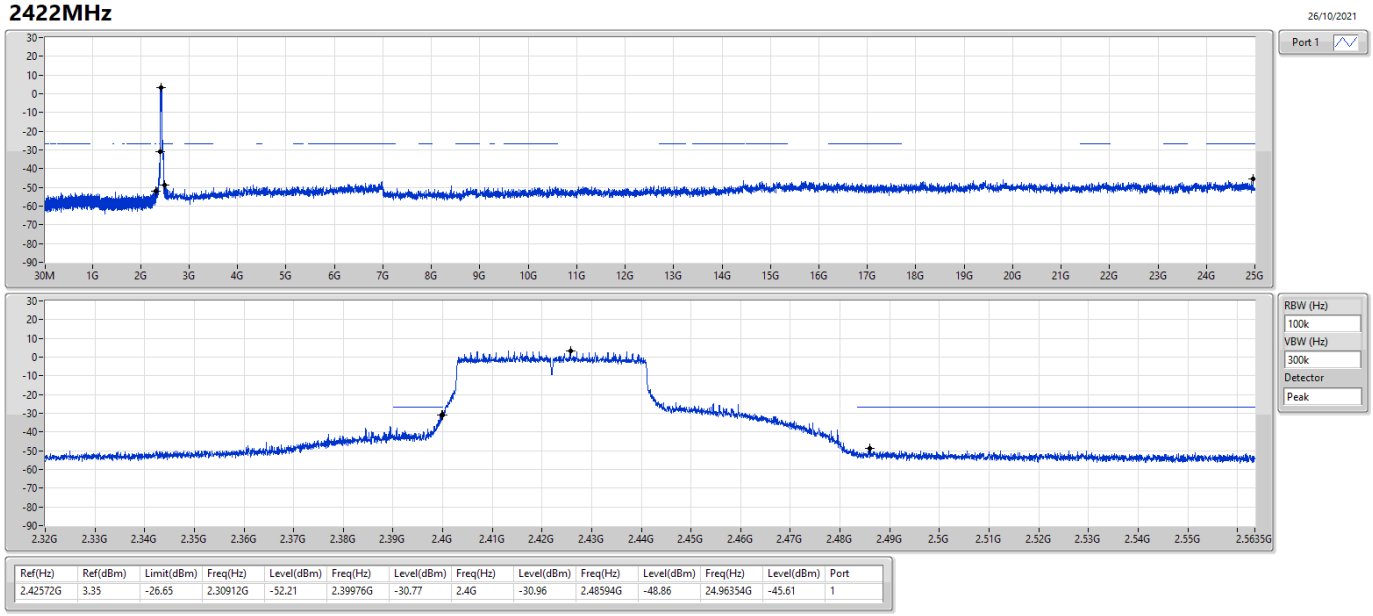
2462MHz



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
2.43069G	9.25	-20.75	2.30787G	-52.68	2.39486G	-50.41	2.4835G	-42.30	2.48432G	-39.49	21.79148G	-45.83	1

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

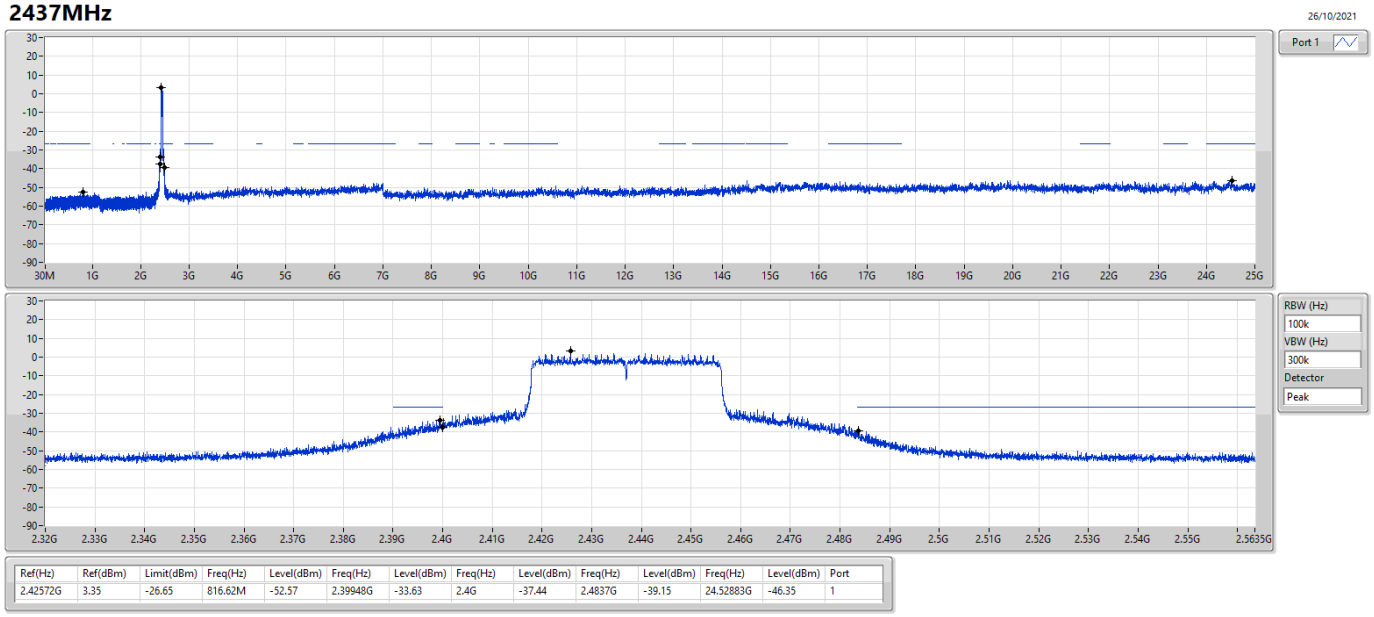
2422MHz



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
2.42572G	3.35	-26.65	2.30912G	-52.21	2.39976G	-30.77	2.4G	-30.96	2.48594G	-48.86	24.96354G	-45.61	1

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

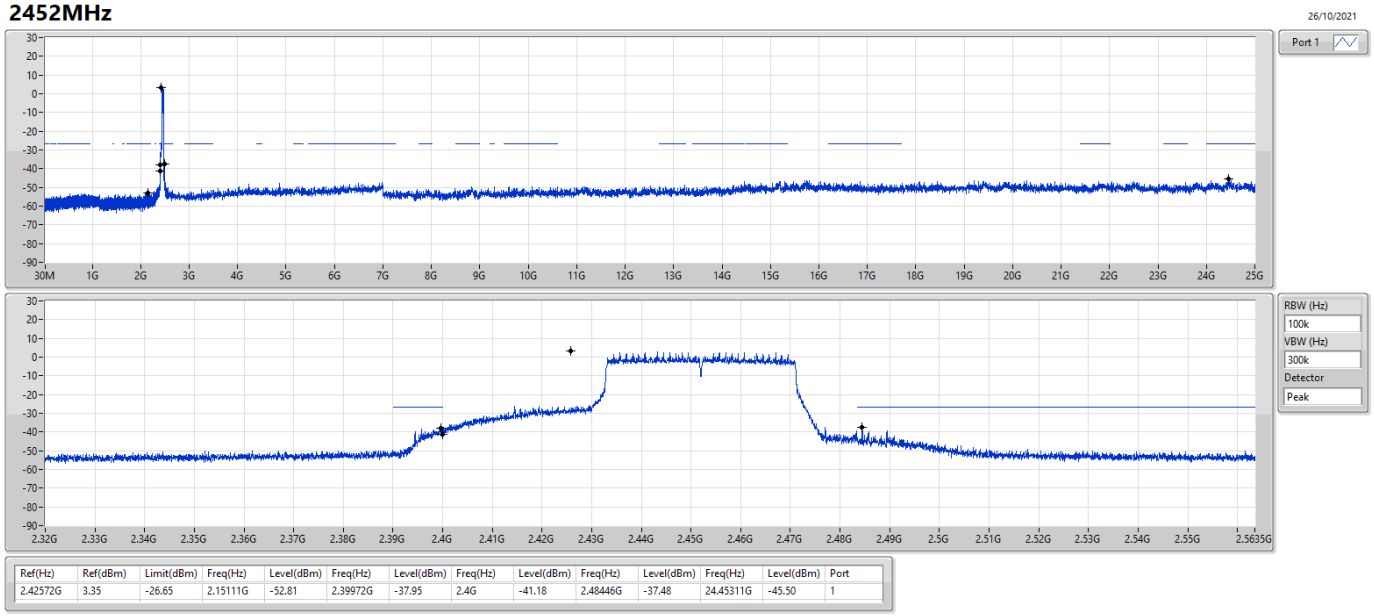
2437MHz



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
2.42572G	3.35	-26.65	816.62M	-52.57	2.39948G	-33.63	2.4G	-37.44	2.4837G	-39.15	24.52883G	-46.35	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
2.42572G	3.35	-26.65	2.15111G	-52.81	2.39972G	-37.95	2.4G	-41.18	2.48446G	-37.48	24.45311G	-45.50	1

For radio 2 / Ant. 16 / non beamforming
Summary

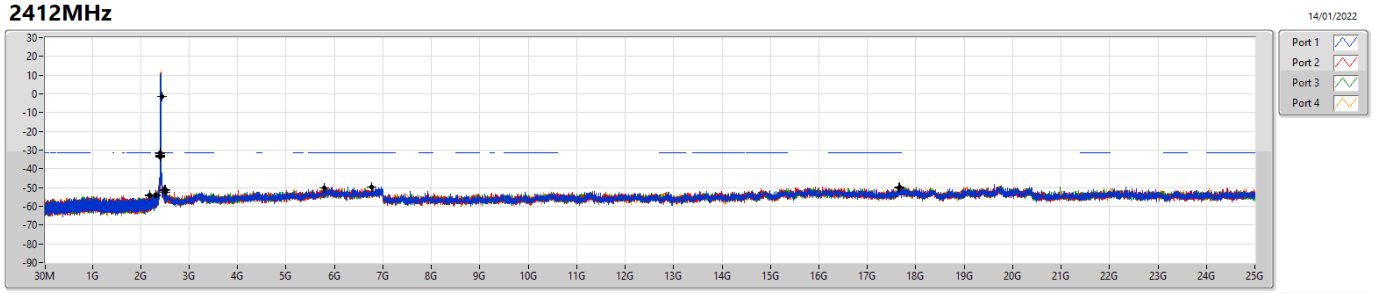
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43198G	-1.47	-31.47	2.3035G	-54.35	2.4G	-31.57	2.4G	-32.78	2.4843G	-51.62	17.6558G	-49.97	3
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43073G	7.44	-22.56	2.30146G	-53.91	2.39988G	-36.42	2.4G	-42.47	2.48446G	-42.31	5.86969G	-49.28	1
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43073G	6.44	-23.56	1.63275G	-54.16	2.39994G	-40.26	2.4G	-38.91	2.48442G	-45.76	5.68988G	-49.30	2
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.43198G	-0.26	-30.26	2.30941G	-54.71	2.39996G	-38.30	2.4G	-36.50	2.52514G	-51.82	16.59473G	-49.95	3

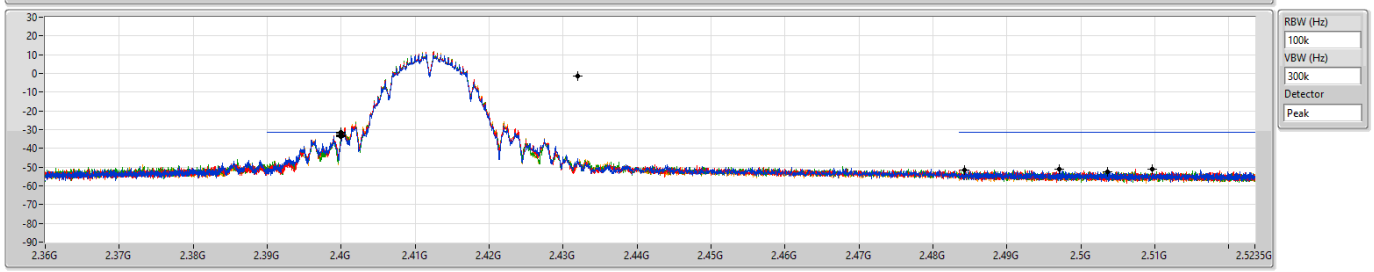
Result

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	-1.47	-31.47	2.18321G	-53.93	2.39998G	-33.35	2.4G	-33.93	2.4971G	-51.03	17.66985G	-49.46	1
2412MHz	Pass	2.43198G	-1.47	-31.47	2.18321G	-54.17	2.4G	-31.88	2.4G	-31.95	2.50958G	-50.98	5.78821G	-50.08	2
2412MHz	Pass	2.43198G	-1.47	-31.47	2.3035G	-54.35	2.4G	-31.57	2.4G	-32.78	2.4843G	-51.62	17.6558G	-49.97	3
2412MHz	Pass	2.43198G	-1.47	-31.47	2.30845G	-53.82	2.4G	-31.90	2.4G	-31.66	2.50356G	-52.29	6.76594G	-49.56	4
2437MHz	Pass	2.43749G	12.38	-17.62	2.30903G	-53.07	2.39786G	-49.42	2.4G	-50.41	2.48506G	-49.86	15.26206G	-49.44	1
2437MHz	Pass	2.43749G	12.38	-17.62	2.30379G	-54.68	2.3975G	-49.57	2.4G	-51.64	2.48622G	-49.80	6.93732G	-48.54	2
2437MHz	Pass	2.43749G	12.38	-17.62	2.10603G	-54.50	2.39924G	-49.44	2.4G	-51.51	2.4838G	-50.59	5.84159G	-48.84	3
2437MHz	Pass	2.43749G	12.38	-17.62	2.30612G	-53.23	2.39484G	-49.25	2.4G	-51.72	2.48568G	-50.19	6.74346G	-49.42	4
2462MHz	Pass	2.43749G	12.38	-17.62	2.3G	-53.79	2.3957G	-51.37	2.4835G	-51.47	2.49512G	-47.95	5.88093G	-49.33	1
2462MHz	Pass	2.43749G	12.38	-17.62	1.79323G	-54.62	2.39852G	-51.39	2.4835G	-48.16	2.486G	-47.83	6.21527G	-49.75	2
2462MHz	Pass	2.43749G	12.38	-17.62	1.95196G	-55.07	2.3966G	-49.99	2.4835G	-44.79	2.48596G	-47.43	16.25664G	-49.42	3
2462MHz	Pass	2.43749G	12.38	-17.62	2.12147G	-54.37	2.3947G	-51.27	2.4835G	-49.00	2.49062G	-48.58	5.86126G	-48.38	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	7.44	-22.56	2.1768G	-54.05	2.39998G	-38.31	2.4G	-37.20	2.48512G	-51.74	16.54884G	-49.69	1
2412MHz	Pass	2.43073G	7.44	-22.56	2.16545G	-54.21	2.397G	-38.68	2.4G	-39.81	2.49504G	-52.13	17.68109G	-48.72	2
2412MHz	Pass	2.43073G	7.44	-22.56	826.57M	-53.91	2.39994G	-38.88	2.4G	-40.27	2.49398G	-52.05	17.67828G	-49.51	3
2412MHz	Pass	2.43073G	7.44	-22.56	738.9M	-54.31	2.39986G	-40.62	2.4G	-39.31	2.48908G	-52.22	17.65861G	-49.27	4
2437MHz	Pass	2.43073G	7.44	-22.56	2.30146G	-53.91	2.39988G	-36.42	2.4G	-42.47	2.48446G	-42.31	5.86969G	-49.28	1
2437MHz	Pass	2.43073G	7.44	-22.56	2.30961G	-54.09	2.39952G	-38.84	2.4G	-41.11	2.48668G	-46.17	16.37745G	-49.19	2
2437MHz	Pass	2.43073G	7.44	-22.56	2.30321G	-53.78	2.39994G	-40.67	2.4G	-42.24	2.48696G	-47.64	5.94555G	-49.54	3
2437MHz	Pass	2.43073G	7.44	-22.56	2.30437G	-53.51	2.39924G	-41.77	2.4G	-42.65	2.48392G	-47.14	17.66704G	-49.80	4
2462MHz	Pass	2.43073G	7.44	-22.56	2.30321G	-53.22	2.39644G	-52.13	2.4835G	-41.76	2.4845G	-39.42	17.6558G	-49.72	1
2462MHz	Pass	2.43073G	7.44	-22.56	1.6243G	-54.34	2.39592G	-51.38	2.4835G	-46.07	2.4841G	-42.76	16.22012G	-49.10	2
2462MHz	Pass	2.43073G	7.44	-22.56	2.30787G	-55.02	2.39444G	-51.08	2.4835G	-42.46	2.48382G	-41.64	6.34731G	-49.15	3
2462MHz	Pass	2.43073G	7.44	-22.56	821.91M	-53.90	2.39756G	-51.82	2.4835G	-43.58	2.48388G	-43.77	6.40912G	-49.42	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	6.44	-23.56	2.16894G	-54.95	2.39996G	-42.13	2.4G	-42.29	2.51852G	-52.81	5.74888G	-49.73	1
2412MHz	Pass	2.43073G	6.44	-23.56	954.14M	-54.74	2.39698G	-40.81	2.4G	-40.80	2.50458G	-52.48	5.81069G	-49.09	2
2412MHz	Pass	2.43073G	6.44	-23.56	2.30554G	-55.24	2.39998G	-42.27	2.4G	-41.84	2.51312G	-51.79	6.98509G	-49.45	3
2412MHz	Pass	2.43073G	6.44	-23.56	2.16894G	-54.44	2.4G	-41.50	2.4G	-39.62	2.5038G	-52.87	24.89324G	-49.71	4
2437MHz	Pass	2.43073G	6.44	-23.56	2.30408G	-53.52	2.3988G	-40.99	2.4G	-42.60	2.48538G	-43.39	6.92047G	-49.20	1
2437MHz	Pass	2.43073G	6.44	-23.56	1.63275G	-54.16	2.39994G	-40.26	2.4G	-38.91	2.48442G	-45.76	5.68988G	-49.30	2
2437MHz	Pass	2.43073G	6.44	-23.56	2.30845G	-53.70	2.39842G	-40.67	2.4G	-46.01	2.48468G	-43.94	6.83337G	-49.63	3
2437MHz	Pass	2.43073G	6.44	-23.56	2.03526G	-54.43	2.39948G	-42.05	2.4G	-43.98	2.4835G	-44.09	5.85002G	-49.50	4
2462MHz	Pass	2.43073G	6.44	-23.56	2.15642G	-55.05	2.39422G	-52.95	2.4835G	-47.59	2.48394G	-44.20	6.7547G	-49.74	1
2462MHz	Pass	2.43073G	6.44	-23.56	2.18088G	-54.91	2.3986G	-52.01	2.4835G	-49.37	2.48472G	-48.52	16.24259G	-49.71	2
2462MHz	Pass	2.43073G	6.44	-23.56	887.44M	-54.48	2.3974G	-52.60	2.4835G	-49.83	2.48362G	-45.69	5.82193G	-50.11	3
2462MHz	Pass	2.43073G	6.44	-23.56	2.1771G	-54.70	2.39494G	-52.49	2.4835G	-49.02	2.48438G	-48.03	6.80246G	-48.97	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	-0.26	-30.26	1.43377G	-54.60	2.4G	-39.49	2.4G	-39.07	2.48474G	-51.56	16.33671G	-49.13	1
2422MHz	Pass	2.43198G	-0.26	-30.26	2.08012G	-55.17	2.39996G	-39.55	2.4G	-39.30	2.52178G	-51.79	16.36756G	-49.69	2
2422MHz	Pass	2.43198G	-0.26	-30.26	2.30941G	-54.71	2.39996G	-38.30	2.4G	-36.50	2.52514G	-51.82	16.59473G	-49.95	3
2422MHz	Pass	2.43198G	-0.26	-30.26	2.08299G	-54.87	2.4G	-37.60	2.4G	-38.74	2.4839G	-51.67	6.44221G	-49.62	4
2437MHz	Pass	2.43198G	-0.26	-30.26	2.30741G	-54.80	2.39956G	-39.80	2.4G	-44.61	2.48634G	-42.42	16.56949G	-49.52	1
2437MHz	Pass	2.43198G	-0.26	-30.26	2.3054G	-54.43	2.39956G	-41.31	2.4G	-46.22	2.48482G	-45.06	6.82644G	-49.51	2
2437MHz	Pass	2.43198G	-0.26	-30.26	2.16399G	-54.00	2.39952G	-40.42	2.4G	-45.43	2.48638G	-45.09	16.97054G	-49.70	3
2437MHz	Pass	2.43198G	-0.26	-30.26	2.30197G	-54.50	2.39976G	-40.89	2.4G	-43.46	2.48634G	-44.72	16.31988G	-48.96	4
2452MHz	Pass	2.43198G	-0.26	-30.26	2.3054G	-53.49	2.39948G	-36.82	2.4G	-41.60	2.48446G	-45.47	17.66046G	-48.85	1
2452MHz	Pass	2.43198G	-0.26	-30.26	2.30454G	-54.05	2.39952G	-37.43	2.4G	-40.93	2.50946G	-47.73	6.81522G	-49.57	2
2452MHz	Pass	2.43198G	-0.26	-30.26	2.15512G	-54.98	2.39952G	-37.37	2.4G	-41.29	2.4845G	-46.81	16.79385G	-49.99	3
2452MHz	Pass	2.43198G	-0.26	-30.26	2.30912G	-54.61	2.39948G	-38.05	2.4G	-41.80	2.48454G	-47.91	5.92337G	-49.02	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2412MHz

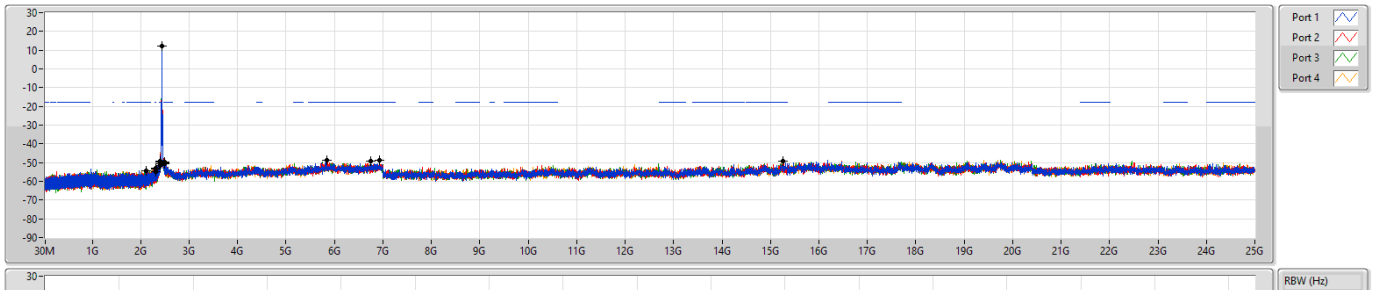


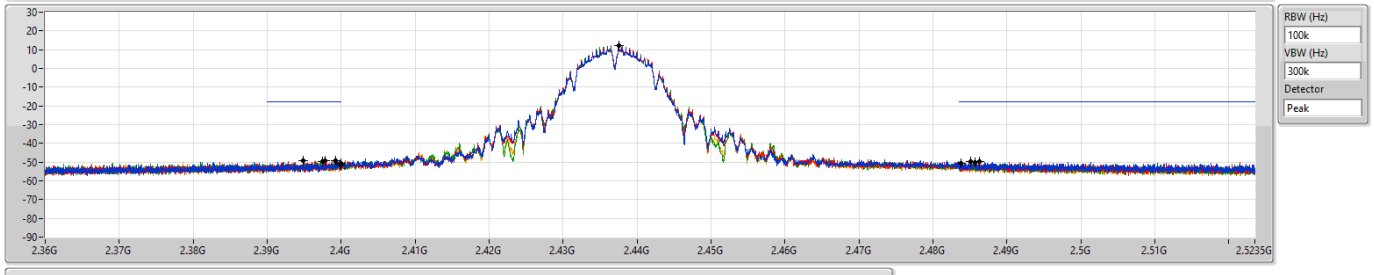


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	-1.47	-31.47	2.18321G	-53.93	2.39998G	-33.35	2.4G	-33.93	2.4971G	-51.03	17.66985G	-49.46	1
2.43198G	-1.47	-31.47	2.18321G	-54.17	2.4G	-31.88	2.4G	-31.95	2.50958G	-50.98	5.78821G	-50.08	2
2.43198G	-1.47	-31.47	2.3035G	-54.35	2.4G	-31.57	2.4G	-32.78	2.4843G	-51.62	17.6558G	-49.97	3
2.43198G	-1.47	-31.47	2.30845G	-53.82	2.4G	-31.90	2.4G	-31.66	2.50356G	-52.29	6.76594G	-49.56	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2437MHz

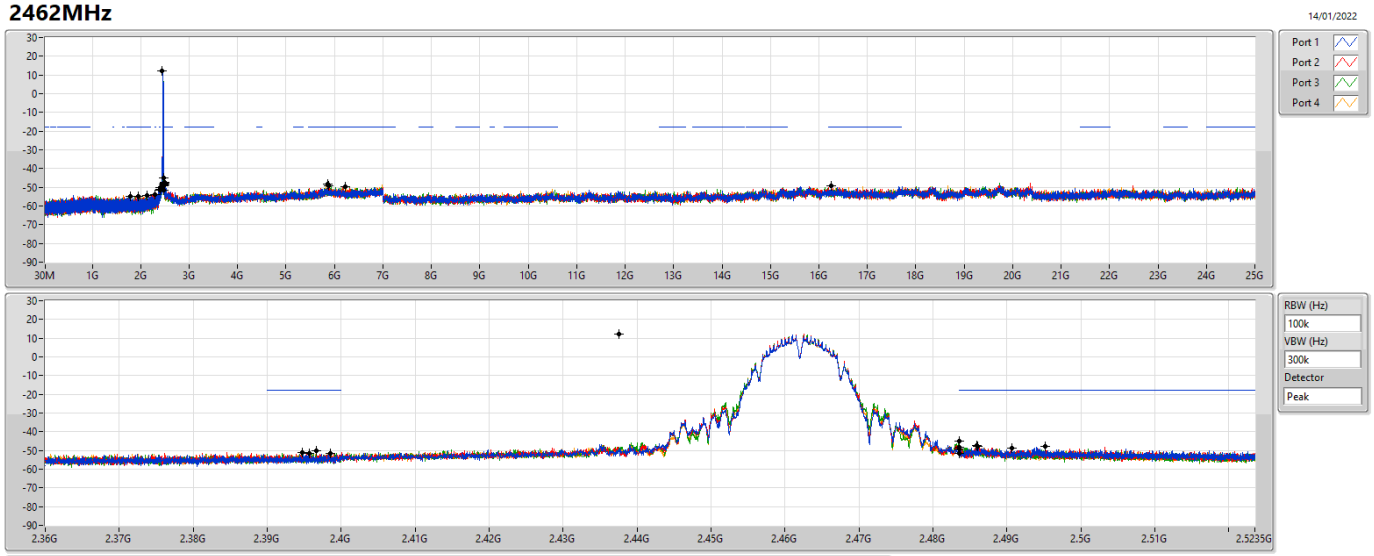




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	12.38	-17.62	2.30903G	-53.07	2.39786G	-49.42	2.4G	-50.41	2.48506G	-49.86	15.26206G	-49.44	1
2.43749G	12.38	-17.62	2.30379G	-54.68	2.3975G	-49.57	2.4G	-51.64	2.48622G	-49.80	6.93732G	-48.54	2
2.43749G	12.38	-17.62	2.10603G	-54.50	2.39924G	-49.44	2.4G	-51.51	2.4838G	-50.59	5.84159G	-48.84	3
2.43749G	12.38	-17.62	2.30612G	-53.23	2.39484G	-49.25	2.4G	-51.72	2.48568G	-50.19	6.74346G	-49.42	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

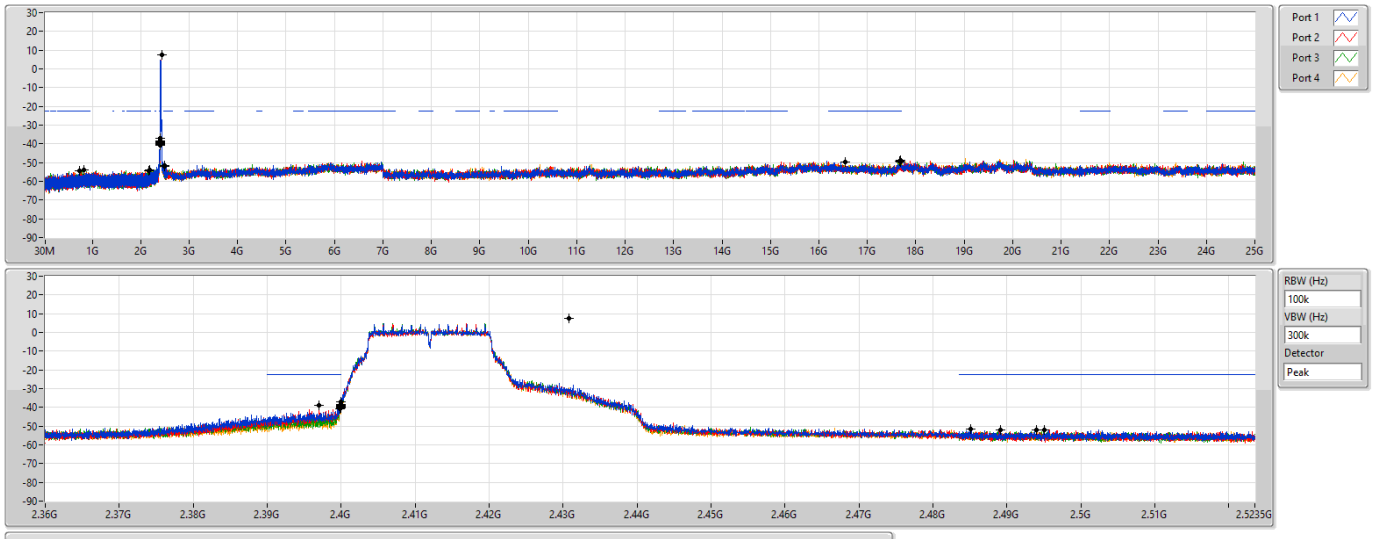
2462MHz



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	12.38	-17.62	2.3G	-53.79	2.3957G	-51.37	2.4835G	-51.47	2.49512G	-47.95	5.88093G	-49.33	1
2.43749G	12.38	-17.62	1.79323G	-54.62	2.39852G	-51.39	2.4835G	-48.16	2.486G	-47.83	6.21527G	-49.75	2
2.43749G	12.38	-17.62	1.95196G	-55.07	2.3966G	-49.99	2.4835G	-44.79	2.48596G	-47.43	16.25664G	-49.42	3
2.43749G	12.38	-17.62	2.12147G	-54.37	2.3947G	-51.27	2.4835G	-49.00	2.49062G	-48.58	5.86126G	-48.38	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

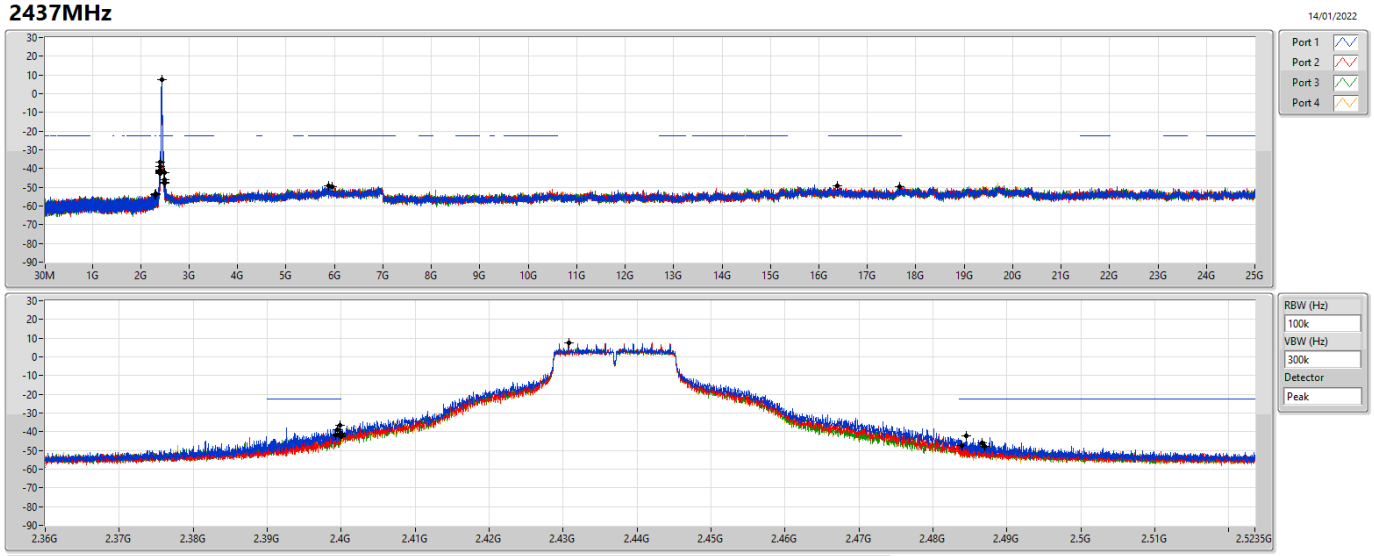
2412MHz



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	7.44	-22.56	2.1768G	-54.05	2.39998G	-38.31	2.4G	-37.20	2.48512G	-51.74	16.54884G	-49.69	1
2.43073G	7.44	-22.56	2.16545G	-54.21	2.397G	-38.68	2.4G	-39.81	2.49504G	-52.13	17.68109G	-48.72	2
2.43073G	7.44	-22.56	826.57M	-53.91	2.39994G	-38.88	2.4G	-40.27	2.49398G	-52.05	17.67828G	-49.51	3
2.43073G	7.44	-22.56	738.9M	-54.31	2.39986G	-40.62	2.4G	-39.31	2.48908G	-52.22	17.65861G	-49.27	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

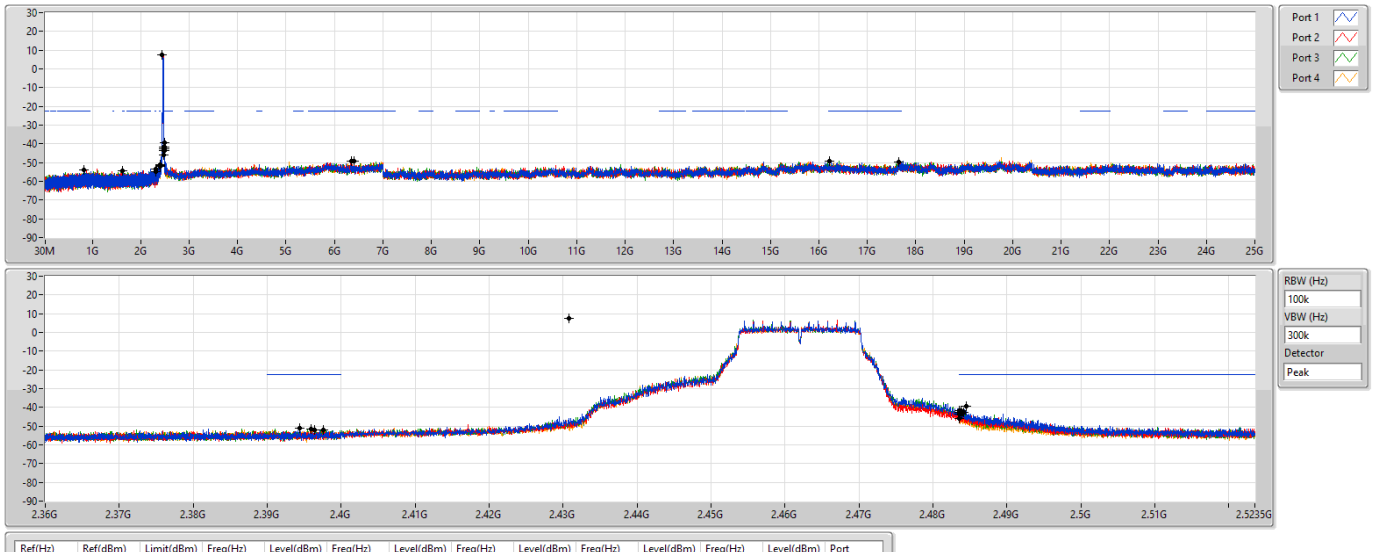
2437MHz



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	7.44	-22.56	2.30146G	-53.91	2.39988G	-36.42	2.4G	-42.47	2.48446G	-42.31	5.86969G	-49.28	1
2.43073G	7.44	-22.56	2.30961G	-54.09	2.39952G	-38.84	2.4G	-41.11	2.48668G	-46.17	16.37745G	-49.19	2
2.43073G	7.44	-22.56	2.30321G	-53.78	2.39994G	-40.67	2.4G	-42.24	2.48696G	-47.64	5.94555G	-49.54	3
2.43073G	7.44	-22.56	2.30437G	-53.51	2.39924G	-41.77	2.4G	-42.65	2.48392G	-47.14	17.66704G	-49.80	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

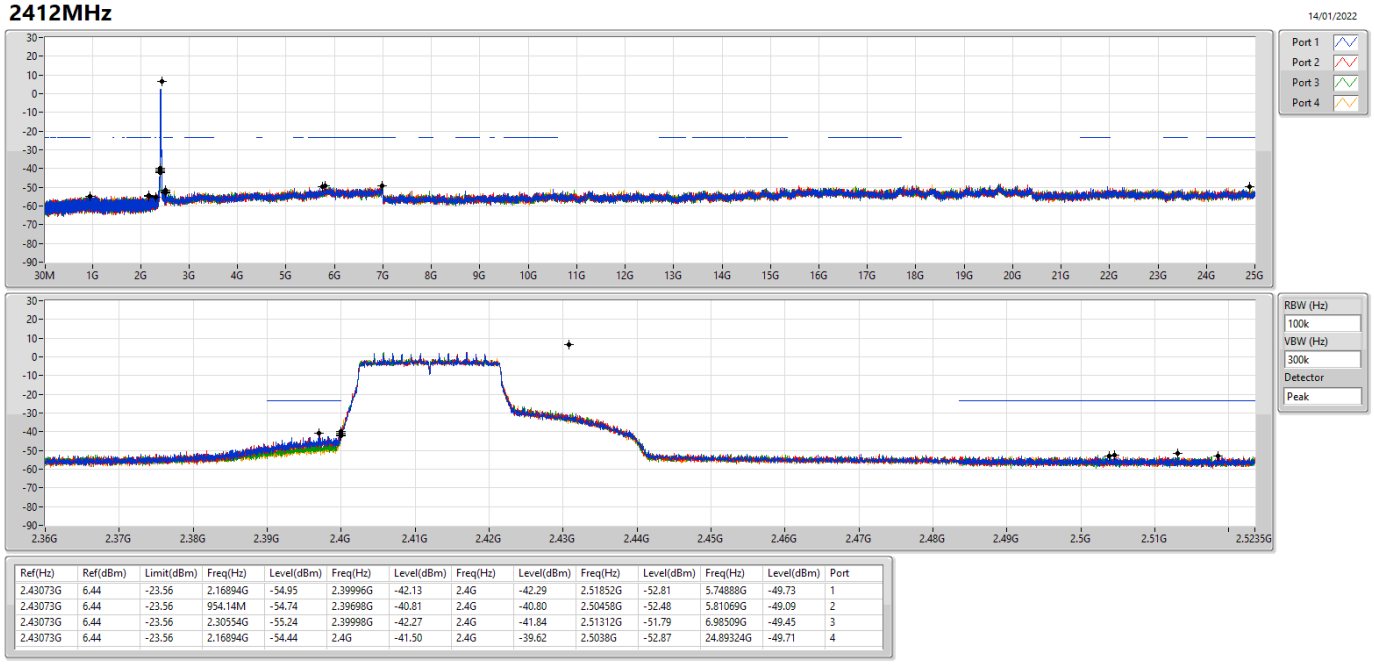
2462MHz



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	7.44	-22.56	2.30321G	-53.22	2.39644G	-52.13	2.4835G	-41.76	2.4845G	-39.42	17.6558G	-49.72	1
2.43073G	7.44	-22.56	1.6243G	-54.34	2.39592G	-51.38	2.4835G	-46.07	2.4841G	-42.76	16.22012G	-49.10	2
2.43073G	7.44	-22.56	2.30787G	-55.02	2.39444G	-51.08	2.4835G	-42.46	2.48382G	-41.64	6.34731G	-49.15	3
2.43073G	7.44	-22.56	821.91M	-53.90	2.39756G	-51.82	2.4835G	-43.58	2.48388G	-43.77	6.40912G	-49.42	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

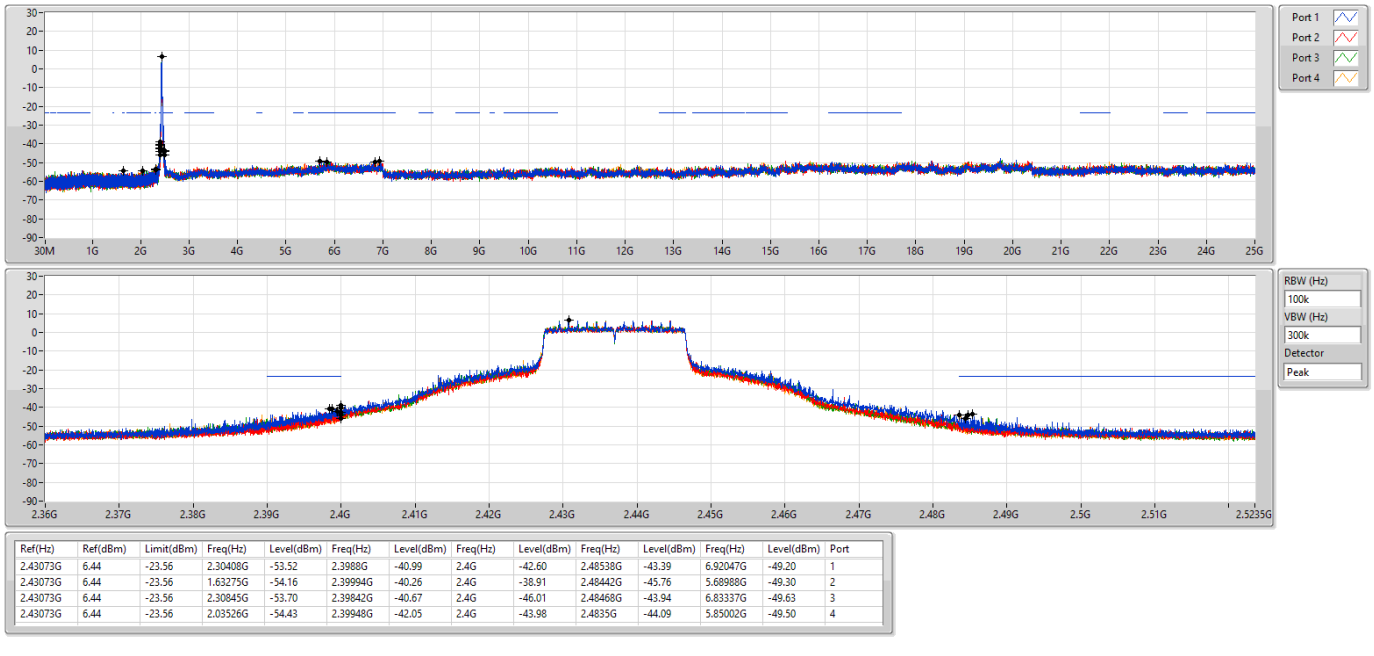
2412MHz



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	6.44	-23.56	2.16894G	-54.95	2.39996G	-42.13	2.4G	-42.29	2.51852G	-52.81	5.74888G	-49.73	1
2.43073G	6.44	-23.56	954.14M	-54.74	2.39698G	-40.81	2.4G	-40.80	2.50458G	-52.48	5.81069G	-49.09	2
2.43073G	6.44	-23.56	2.30554G	-55.24	2.39998G	-42.27	2.4G	-41.84	2.51312G	-51.79	6.98509G	-49.45	3
2.43073G	6.44	-23.56	2.16894G	-54.44	2.4G	-41.50	2.4G	-39.62	2.5038G	-52.87	24.89324G	-49.71	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

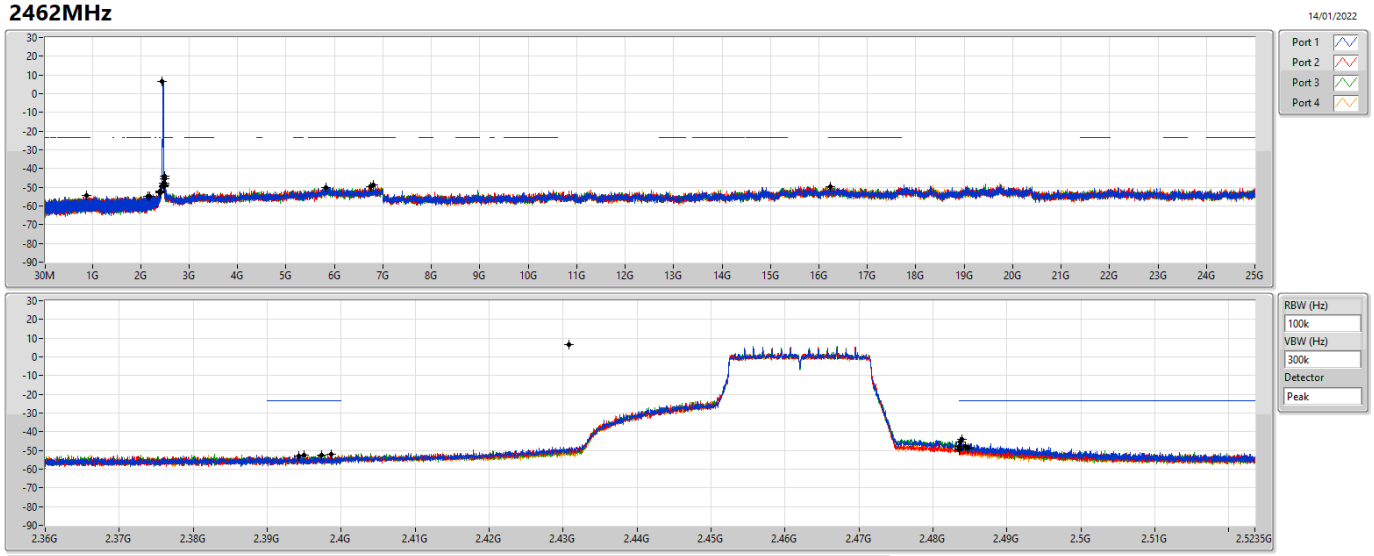
2437MHz



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	6.44	-23.56	2.30408G	-53.52	2.3988G	-40.99	2.4G	-42.60	2.48538G	-43.39	6.92047G	-49.20	1
2.43073G	6.44	-23.56	1.63275G	-54.16	2.39994G	-40.26	2.4G	-38.91	2.48442G	-45.76	5.68988G	-49.30	2
2.43073G	6.44	-23.56	2.30845G	-53.70	2.39842G	-40.67	2.4G	-46.01	2.48468G	-43.94	6.83337G	-49.63	3
2.43073G	6.44	-23.56	2.03526G	-54.43	2.39948G	-42.05	2.4G	-43.98	2.4835G	-44.09	5.85002G	-49.50	4

802.11ax HEW20_Nss1,(MCS0)_4TX **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	6.44	-23.56	2.15642G	-55.05	2.39422G	-52.95	2.4835G	-47.59	2.48394G	-44.20	6.7547G	-49.74	1
2.43073G	6.44	-23.56	2.18088G	-54.91	2.3986G	-52.01	2.4835G	-49.37	2.48472G	-48.52	16.24259G	-49.71	2
2.43073G	6.44	-23.56	887.44M	-54.48	2.3974G	-52.60	2.4835G	-49.83	2.48362G	-45.69	5.82193G	-50.11	3
2.43073G	6.44	-23.56	2.1771G	-54.70	2.39494G	-52.49	2.4835G	-49.02	2.48438G	-48.03	6.80246G	-48.97	4

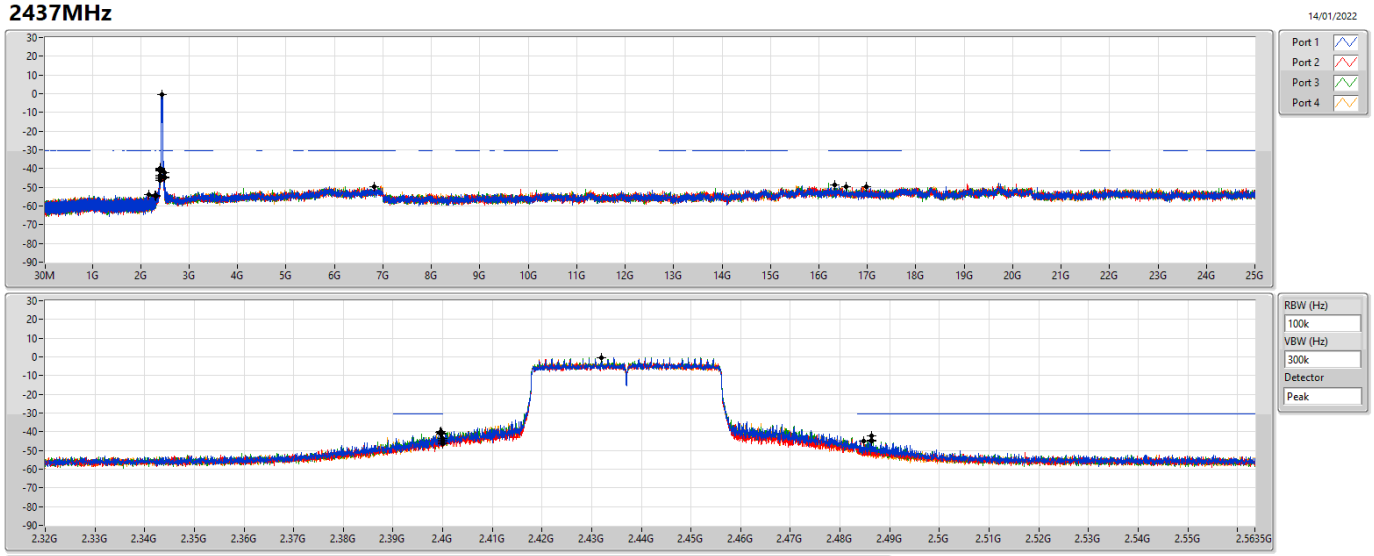
802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

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	-0.26	-30.26	1.43377G	-54.60	2.4G	-39.49	2.4G	-39.07	2.48474G	-51.56	16.33671G	-49.13	1
2.43198G	-0.26	-30.26	2.08012G	-55.17	2.39996G	-39.55	2.4G	-39.30	2.52178G	-51.79	16.36756G	-49.69	2
2.43198G	-0.26	-30.26	2.30941G	-54.71	2.39996G	-38.30	2.4G	-36.50	2.52514G	-51.82	16.59473G	-49.95	3
2.43198G	-0.26	-30.26	2.08299G	-54.87	2.4G	-37.60	2.4G	-38.74	2.4839G	-51.67	6.44221G	-49.62	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

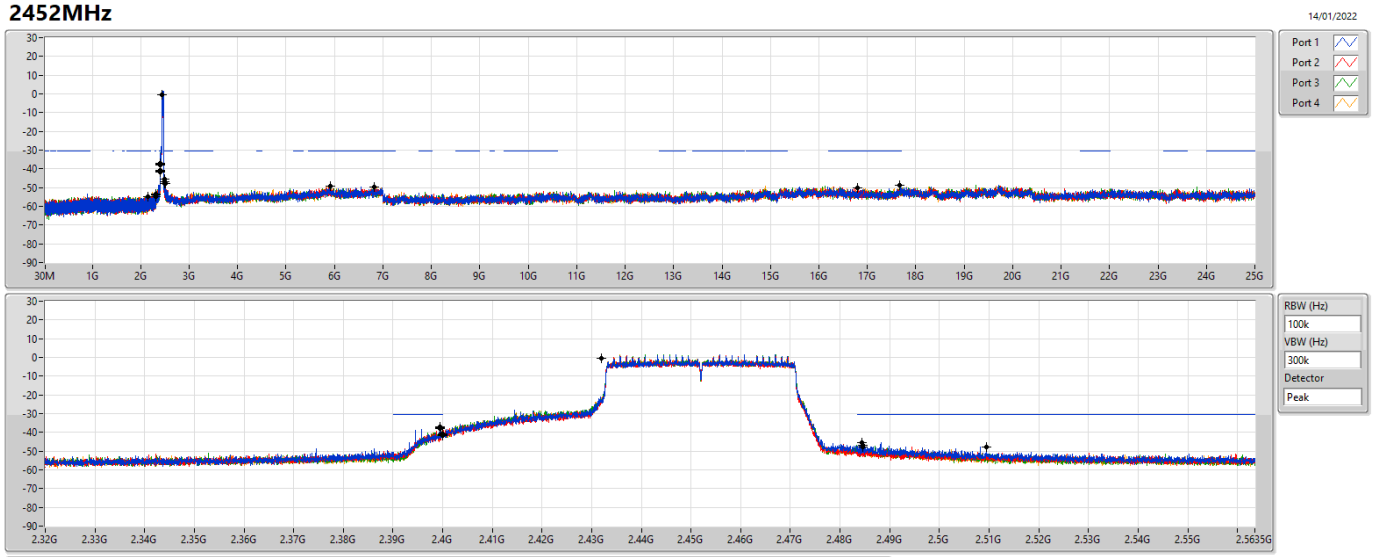
2437MHz



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	-0.26	-30.26	2.30741G	-54.80	2.39956G	-39.80	2.4G	-44.61	2.48634G	-42.42	16.56949G	-49.52	1
2.43198G	-0.26	-30.26	2.3054G	-54.43	2.39956G	-41.31	2.4G	-46.22	2.48482G	-45.06	6.82644G	-49.51	2
2.43198G	-0.26	-30.26	2.16399G	-54.00	2.39952G	-40.42	2.4G	-45.43	2.48638G	-45.09	16.97054G	-49.70	3
2.43198G	-0.26	-30.26	2.30197G	-54.50	2.39976G	-40.89	2.4G	-43.46	2.48634G	-44.72	16.31988G	-48.96	4

802.11ax HEW40_Nss1,(MCS0)_4TX **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	-0.26	-30.26	2.3054G	-53.49	2.39948G	-36.82	2.4G	-41.60	2.48446G	-45.47	17.66046G	-48.85	1
2.43198G	-0.26	-30.26	2.30454G	-54.05	2.39952G	-37.43	2.4G	-40.93	2.50946G	-47.73	6.81522G	-49.57	2
2.43198G	-0.26	-30.26	2.15512G	-54.98	2.39952G	-37.37	2.4G	-41.29	2.4845G	-46.81	16.79385G	-49.99	3
2.43198G	-0.26	-30.26	2.30912G	-54.61	2.39948G	-38.05	2.4G	-41.80	2.48454G	-47.91	5.92337G	-49.02	4

For radio 2 / Ant. 17 / non beamforming
Summary

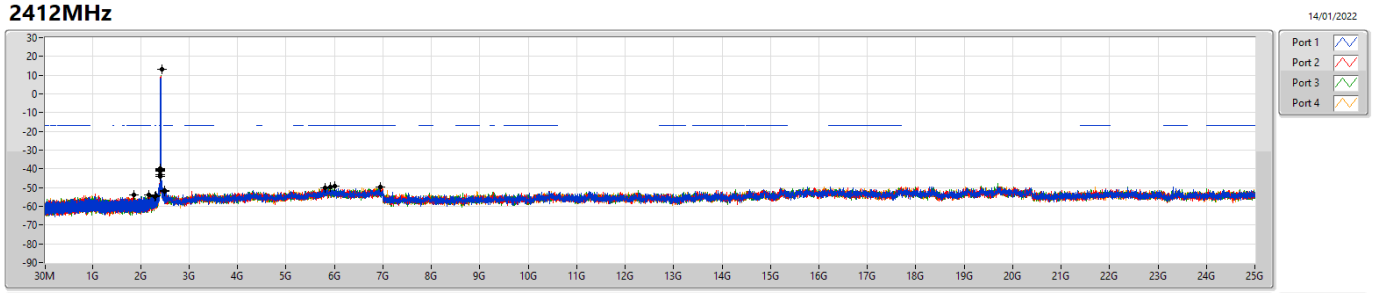
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43599G	13.09	-16.91	2.3035G	-54.48	2.4G	-39.62	2.4G	-40.28	2.48672G	-51.60	6.00174G	-49.19	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.442G	6.03	-23.97	1.92604G	-53.26	2.39912G	-41.67	2.4G	-40.01	2.51146G	-52.39	16.59379G	-49.12	1
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43198G	4.29	-25.71	2.00817G	-54.78	2.39698G	-42.96	2.4G	-43.67	2.513G	-53.15	6.66199G	-48.81	1
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.43198G	-1.45	-31.45	2.30826G	-54.59	2.39996G	-39.32	2.4G	-39.70	2.4969G	-52.68	5.84764G	-48.73	3

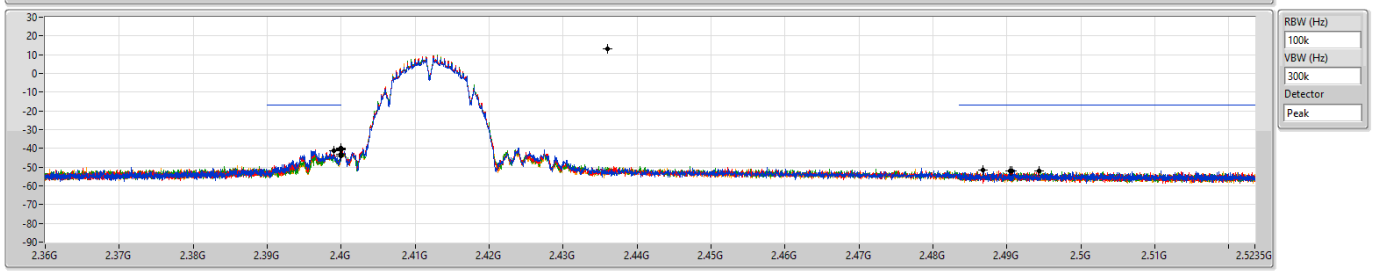
Result

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	13.09	-16.91	2.3035G	-54.48	2.4G	-39.62	2.4G	-40.28	2.48672G	-51.60	6.00174G	-49.19	1
2412MHz	Pass	2.43599G	13.09	-16.91	2.1637G	-53.91	2.4G	-40.67	2.4G	-43.27	2.4906G	-52.22	6.94294G	-49.68	2
2412MHz	Pass	2.43599G	13.09	-16.91	2.30059G	-54.90	2.4G	-40.21	2.4G	-40.31	2.49432G	-52.23	5.8135G	-50.10	3
2412MHz	Pass	2.43599G	13.09	-16.91	1.8541G	-53.97	2.399G	-41.46	2.4G	-43.88	2.49044G	-52.24	5.90902G	-49.46	4
2437MHz	Pass	2.43599G	13.09	-16.91	2.30408G	-52.66	2.39952G	-42.65	2.4G	-48.86	2.48574G	-47.35	6.92327G	-49.06	1
2437MHz	Pass	2.43599G	13.09	-16.91	2.3067G	-52.60	2.3995G	-42.42	2.4G	-47.60	2.48546G	-48.12	17.68671G	-49.48	2
2437MHz	Pass	2.43599G	13.09	-16.91	2.30583G	-53.51	2.39804G	-47.09	2.4G	-47.54	2.48384G	-48.35	5.96802G	-49.19	3
2437MHz	Pass	2.43599G	13.09	-16.91	2.30437G	-54.40	2.39952G	-41.96	2.4G	-45.88	2.48576G	-48.70	17.20346G	-49.77	4
2462MHz	Pass	2.43599G	13.09	-16.91	2.1471G	-53.95	2.3917G	-51.96	2.4835G	-52.40	2.49092G	-48.87	17.65861G	-49.16	1
2462MHz	Pass	2.43599G	13.09	-16.91	2.3067G	-53.86	2.39948G	-51.34	2.4835G	-51.74	2.4966G	-49.61	23.40136G	-49.51	2
2462MHz	Pass	2.43599G	13.09	-16.91	2.16574G	-54.64	2.39234G	-51.91	2.4835G	-52.96	2.4912G	-49.05	6.96542G	-49.92	3
2462MHz	Pass	2.43599G	13.09	-16.91	2.10079G	-54.84	2.39624G	-52.35	2.4835G	-52.77	2.48798G	-49.64	17.68671G	-49.58	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	6.03	-23.97	1.92604G	-53.26	2.39912G	-41.67	2.4G	-40.01	2.51146G	-52.39	16.59379G	-49.12	1
2412MHz	Pass	2.442G	6.03	-23.97	1.86109G	-55.24	2.39952G	-41.98	2.4G	-42.42	2.4894G	-52.59	17.66423G	-49.58	2
2412MHz	Pass	2.442G	6.03	-23.97	2.07458G	-54.84	2.39826G	-43.92	2.4G	-43.68	2.49094G	-53.21	22.0022G	-49.74	3
2412MHz	Pass	2.442G	6.03	-23.97	2.13108G	-55.10	2.39998G	-43.64	2.4G	-42.22	2.4853G	-51.94	16.22012G	-48.97	4
2437MHz	Pass	2.442G	6.03	-23.97	2.17535G	-54.75	2.39982G	-42.11	2.4G	-43.34	2.48666G	-46.04	16.48422G	-49.58	1
2437MHz	Pass	2.442G	6.03	-23.97	2.30525G	-54.75	2.3989G	-43.64	2.4G	-48.23	2.48432G	-49.88	6.01017G	-49.38	2
2437MHz	Pass	2.442G	6.03	-23.97	2.13836G	-53.05	2.39922G	-46.16	2.4G	-48.32	2.4835G	-50.49	17.66704G	-49.67	3
2437MHz	Pass	2.442G	6.03	-23.97	1.6409G	-54.19	2.39882G	-41.28	2.4G	-48.76	2.4846G	-50.28	6.98509G	-49.48	4
2462MHz	Pass	2.442G	6.03	-23.97	2.3035G	-54.59	2.39138G	-53.15	2.4835G	-48.85	2.48412G	-48.95	16.86913G	-49.95	1
2462MHz	Pass	2.442G	6.03	-23.97	2.11768G	-55.30	2.39422G	-52.86	2.4835G	-50.52	2.48362G	-49.40	6.08322G	-48.94	2
2462MHz	Pass	2.442G	6.03	-23.97	2.014G	-54.55	2.39762G	-52.91	2.4835G	-52.65	2.4884G	-50.39	17.66423G	-49.82	3
2462MHz	Pass	2.442G	6.03	-23.97	2.01254G	-54.72	2.39322G	-53.00	2.4835G	-51.87	2.48686G	-50.13	6.97104G	-49.73	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	4.29	-25.71	2.00817G	-54.78	2.39698G	-42.96	2.4G	-43.67	2.513G	-53.15	6.66199G	-48.81	1
2412MHz	Pass	2.43198G	4.29	-25.71	1.72566G	-55.05	2.39998G	-43.12	2.4G	-43.07	2.5218G	-53.00	16.42802G	-48.69	2
2412MHz	Pass	2.43198G	4.29	-25.71	2.06788G	-54.73	2.39998G	-43.48	2.4G	-43.97	2.48594G	-52.77	6.98228G	-49.67	3
2412MHz	Pass	2.43198G	4.29	-25.71	1.74226G	-54.33	2.39996G	-43.39	2.4G	-44.13	2.5157G	-53.41	17.69795G	-49.84	4
2437MHz	Pass	2.43198G	4.29	-25.71	2.30262G	-54.59	2.3961G	-45.49	2.4G	-48.44	2.48398G	-47.65	6.97385G	-49.56	1
2437MHz	Pass	2.43198G	4.29	-25.71	2.12438G	-54.19	2.3993G	-45.87	2.4G	-51.78	2.51922G	-51.82	23.34517G	-49.43	2
2437MHz	Pass	2.43198G	4.29	-25.71	1.80983G	-54.55	2.39814G	-47.96	2.4G	-49.35	2.49086G	-51.07	6.72661G	-49.62	3
2437MHz	Pass	2.43198G	4.29	-25.71	2.30583G	-53.00	2.39854G	-45.19	2.4G	-51.52	2.49072G	-50.42	15.25644G	-49.94	4
2462MHz	Pass	2.43198G	4.29	-25.71	1.61702G	-55.03	2.39966G	-53.21	2.4835G	-48.81	2.48364G	-47.85	16.64717G	-49.91	1
2462MHz	Pass	2.43198G	4.29	-25.71	2.01574G	-53.59	2.39868G	-52.92	2.4835G	-50.46	2.48468G	-48.83	17.68671G	-49.05	2
2462MHz	Pass	2.43198G	4.29	-25.71	2.30758G	-54.48	2.397G	-52.22	2.4835G	-51.55	2.48356G	-49.14	15.21429G	-49.65	3
2462MHz	Pass	2.43198G	4.29	-25.71	2.30379G	-54.46	2.39578G	-52.68	2.4835G	-51.42	2.48444G	-49.48	6.97666G	-49.39	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	-1.45	-31.45	773.39M	-54.43	2.39968G	-41.13	2.4G	-40.82	2.49998G	-52.90	16.92286G	-48.89	1
2422MHz	Pass	2.43198G	-1.45	-31.45	1.63243G	-53.69	2.39992G	-40.62	2.4G	-39.97	2.49118G	-53.32	17.64644G	-49.55	2
2422MHz	Pass	2.43198G	-1.45	-31.45	2.30826G	-54.59	2.39996G	-39.32	2.4G	-39.70	2.4969G	-52.68	5.84764G	-48.73	3
2422MHz	Pass	2.43198G	-1.45	-31.45	942.57M	-54.20	2.39992G	-40.20	2.4G	-41.10	2.49774G	-53.18	6.39734G	-49.25	4
2437MHz	Pass	2.43198G	-1.45	-31.45	874.15M	-53.98	2.39948G	-44.40	2.4G	-48.10	2.48634G	-47.95	6.07481G	-49.32	1
2437MHz	Pass	2.43198G	-1.45	-31.45	797.15M	-54.71	2.39956G	-44.78	2.4G	-50.10	2.4841G	-49.61	5.8841G	-49.61	2
2437MHz	Pass	2.43198G	-1.45	-31.45	2.30884G	-54.72	2.3996G	-46.13	2.4G	-50.68	2.4863G	-47.45	6.82363G	-49.29	3
2437MHz	Pass	2.43198G	-1.45	-31.45	2.17459G	-54.35	2.3984G	-46.21	2.4G	-50.48	2.49066G	-50.56	16.9481G	-49.28	4
2452MHz	Pass	2.43198G	-1.45	-31.45	2.17258G	-55.11	2.39948G	-45.04	2.4G	-47.19	2.48446G	-47.56	15.20927G	-48.67	1
2452MHz	Pass	2.43198G	-1.45	-31.45	2.30712G	-55.09	2.39976G	-44.71	2.4G	-46.38	2.48446G	-47.48	16.38999G	-49.42	2
2452MHz	Pass	2.43198G	-1.45	-31.45	1.74607G	-55.42	2.39952G	-42.65	2.4G	-46.74	2.48558G	-50.74	16.41523G	-48.93	3
2452MHz	Pass	2.43198G	-1.45	-31.45	805.17M	-54.12	2.39976G	-45.57	2.4G	-46.73	2.4895G	-50.66	15.20647G	-49.10	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2412MHz

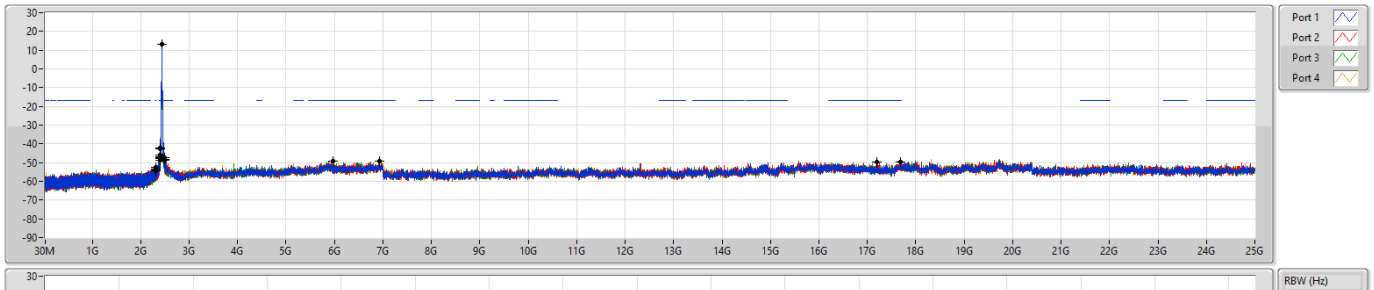


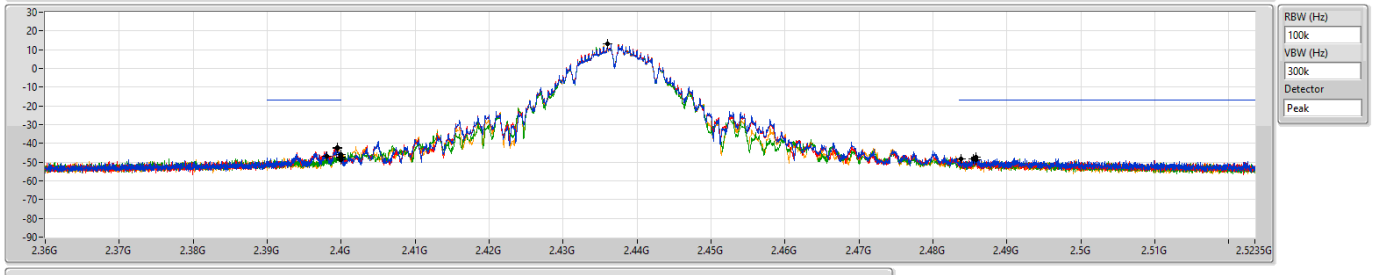


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	13.09	-16.91	2.3035G	-54.48	2.4G	-39.62	2.4G	-40.28	2.48672G	-51.60	6.00174G	-49.19	1
2.43599G	13.09	-16.91	2.1637G	-53.91	2.4G	-40.67	2.4G	-43.27	2.4906G	-52.22	6.94294G	-49.68	2
2.43599G	13.09	-16.91	2.30059G	-54.90	2.4G	-40.21	2.4G	-40.31	2.49432G	-52.23	5.8135G	-50.10	3
2.43599G	13.09	-16.91	1.8541G	-53.97	2.399G	-41.46	2.4G	-43.88	2.49044G	-52.24	5.90902G	-49.46	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2437MHz

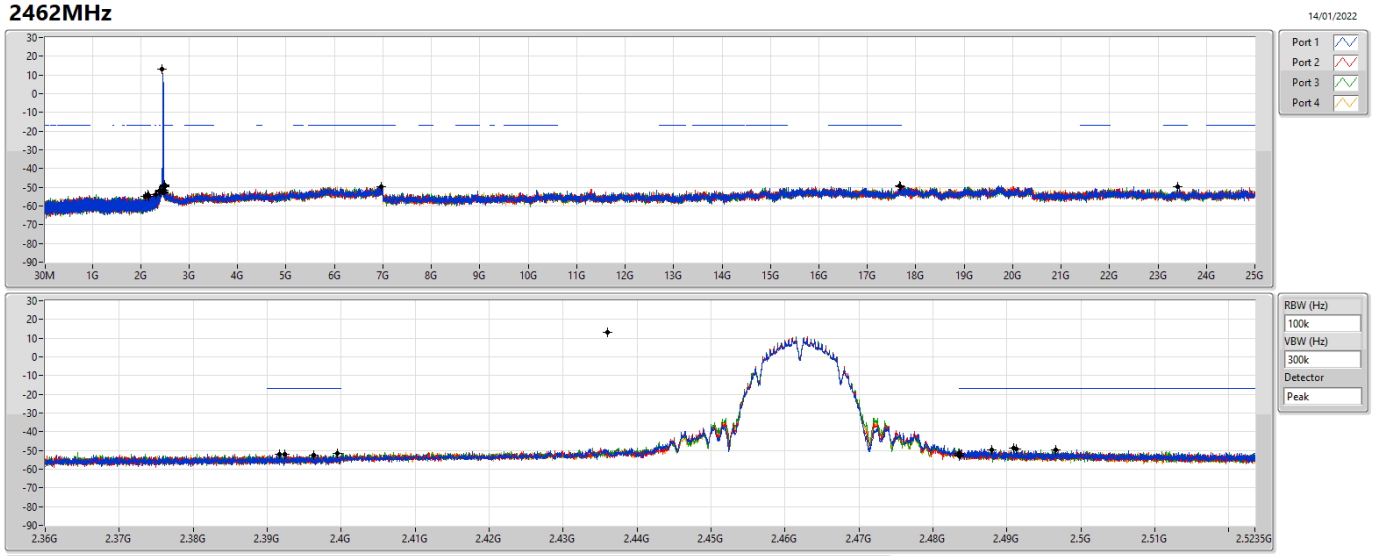




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	13.09	-16.91	2.30408G	-52.66	2.39952G	-42.65	2.4G	-48.86	2.48574G	-47.35	6.92327G	-49.06	1
2.43599G	13.09	-16.91	2.3067G	-52.60	2.3995G	-42.42	2.4G	-47.60	2.48546G	-48.12	17.68671G	-49.48	2
2.43599G	13.09	-16.91	2.30583G	-53.51	2.39804G	-47.09	2.4G	-47.54	2.48384G	-48.35	5.96802G	-49.19	3
2.43599G	13.09	-16.91	2.30437G	-54.40	2.39952G	-41.96	2.4G	-45.88	2.48576G	-48.70	17.20346G	-49.77	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

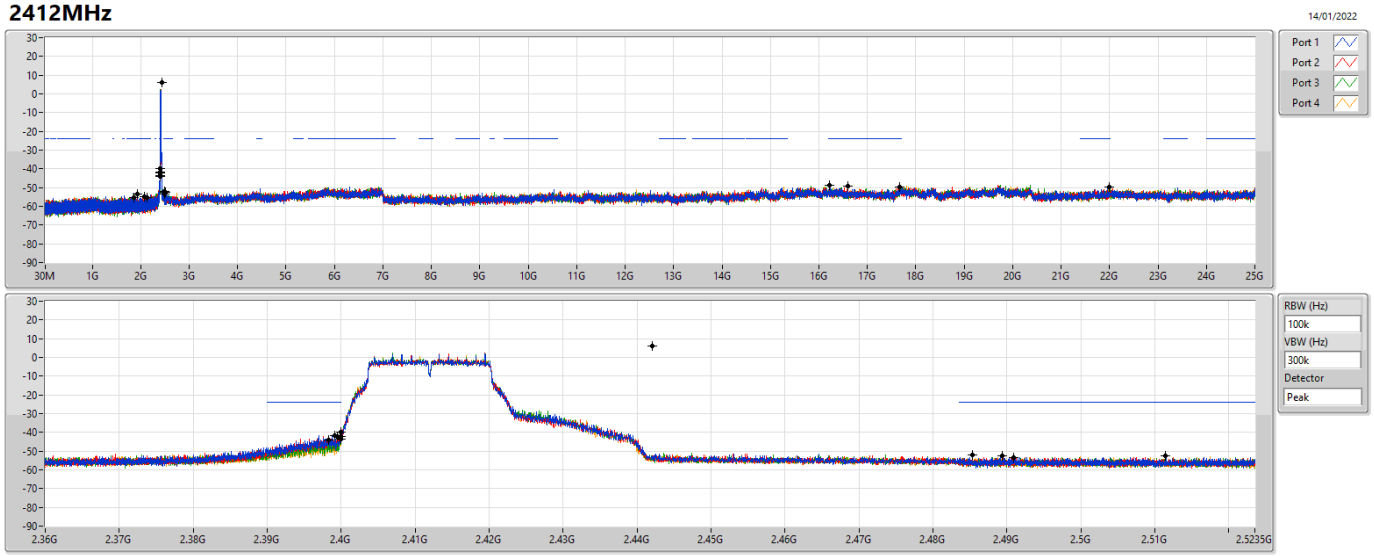
2462MHz



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	13.09	-16.91	2.1471G	-53.95	2.3917G	-51.96	2.4835G	-52.40	2.49092G	-48.87	17.65861G	-49.16	1
2.43599G	13.09	-16.91	2.3067G	-53.86	2.39948G	-51.34	2.4835G	-51.74	2.4966G	-49.61	23.40136G	-49.51	2
2.43599G	13.09	-16.91	2.16574G	-54.64	2.39234G	-51.91	2.4835G	-52.96	2.4912G	-49.05	6.96542G	-49.92	3
2.43599G	13.09	-16.91	2.10079G	-54.84	2.39624G	-52.35	2.4835G	-52.77	2.48798G	-49.64	17.68671G	-49.58	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

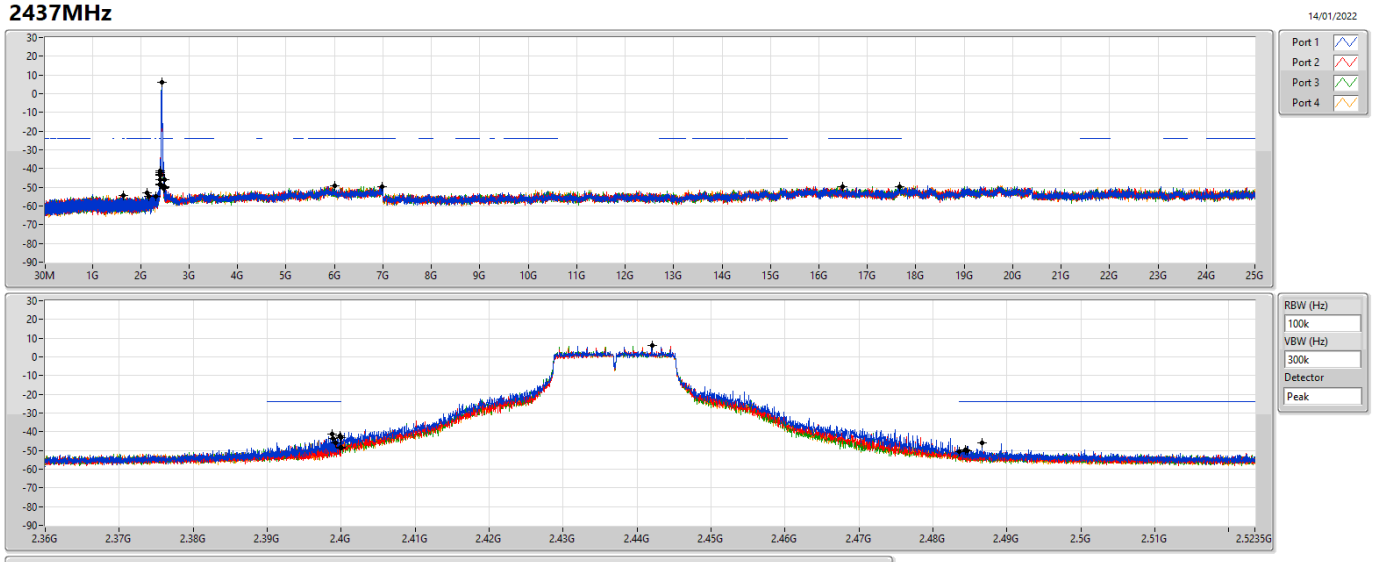
2412MHz



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
2.442G	6.03	-23.97	1.92604G	-53.26	2.39912G	-41.67	2.4G	-40.01	2.51146G	-52.39	16.59379G	-49.12	1
2.442G	6.03	-23.97	1.86109G	-55.24	2.39952G	-41.98	2.4G	-42.42	2.4894G	-52.59	17.66423G	-49.58	2
2.442G	6.03	-23.97	2.07458G	-54.84	2.39826G	-43.92	2.4G	-43.68	2.49094G	-53.21	22.0022G	-49.74	3
2.442G	6.03	-23.97	2.13108G	-55.10	2.39998G	-43.64	2.4G	-42.22	2.4853G	-51.94	16.22012G	-48.97	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

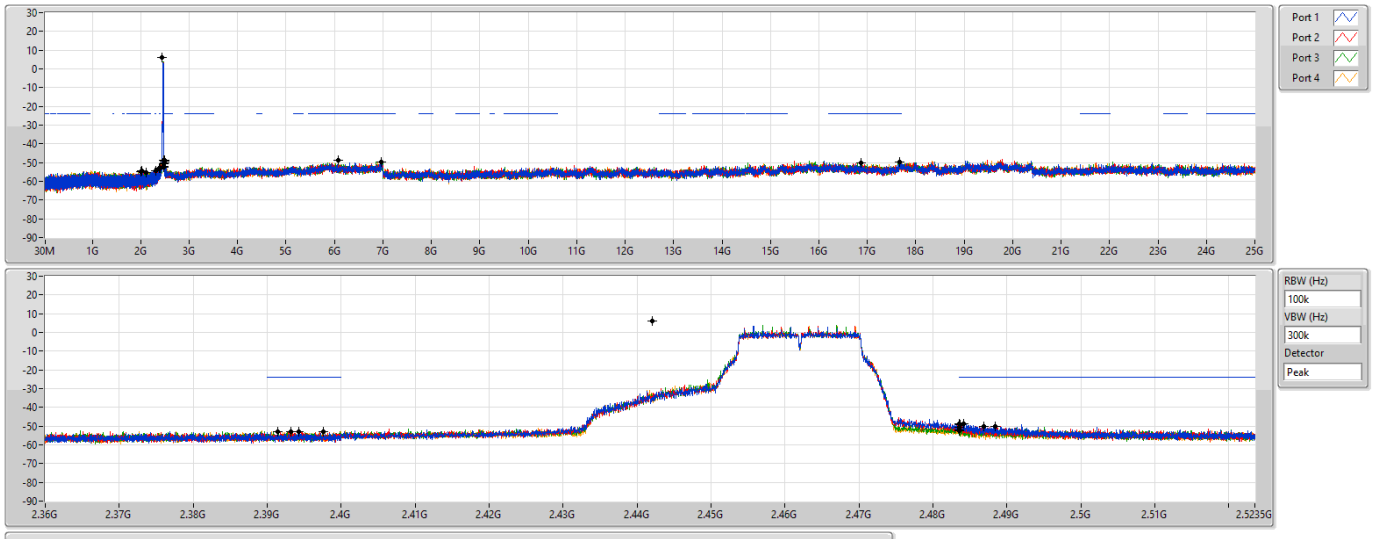
2437MHz



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	6.03	-23.97	2.17535G	-54.75	2.39982G	-42.11	2.4G	-43.34	2.48666G	-46.04	16.48422G	-49.58	1
2.442G	6.03	-23.97	2.30525G	-54.75	2.3989G	-43.64	2.4G	-48.23	2.48432G	-49.88	6.01017G	-49.38	2
2.442G	6.03	-23.97	2.13836G	-53.05	2.39922G	-46.16	2.4G	-48.32	2.4835G	-50.49	17.66704G	-49.67	3
2.442G	6.03	-23.97	1.6409G	-54.19	2.39882G	-41.28	2.4G	-48.76	2.4846G	-50.28	6.98509G	-49.48	4

802.11g_Nss1,(6Mbps)_4TX **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
2.442G	6.03	-23.97	2.3035G	-54.59	2.39138G	-53.15	2.4835G	-48.85	2.48412G	-48.95	16.86913G	-49.95	1
2.442G	6.03	-23.97	2.11768G	-55.30	2.39422G	-52.86	2.4835G	-50.52	2.48362G	-49.40	6.08322G	-48.94	2
2.442G	6.03	-23.97	2.014G	-54.55	2.39762G	-52.91	2.4835G	-52.65	2.4884G	-50.39	17.66423G	-49.82	3
2.442G	6.03	-23.97	2.01254G	-54.72	2.39322G	-53.00	2.4835G	-51.87	2.48686G	-50.13	6.97104G	-49.73	4

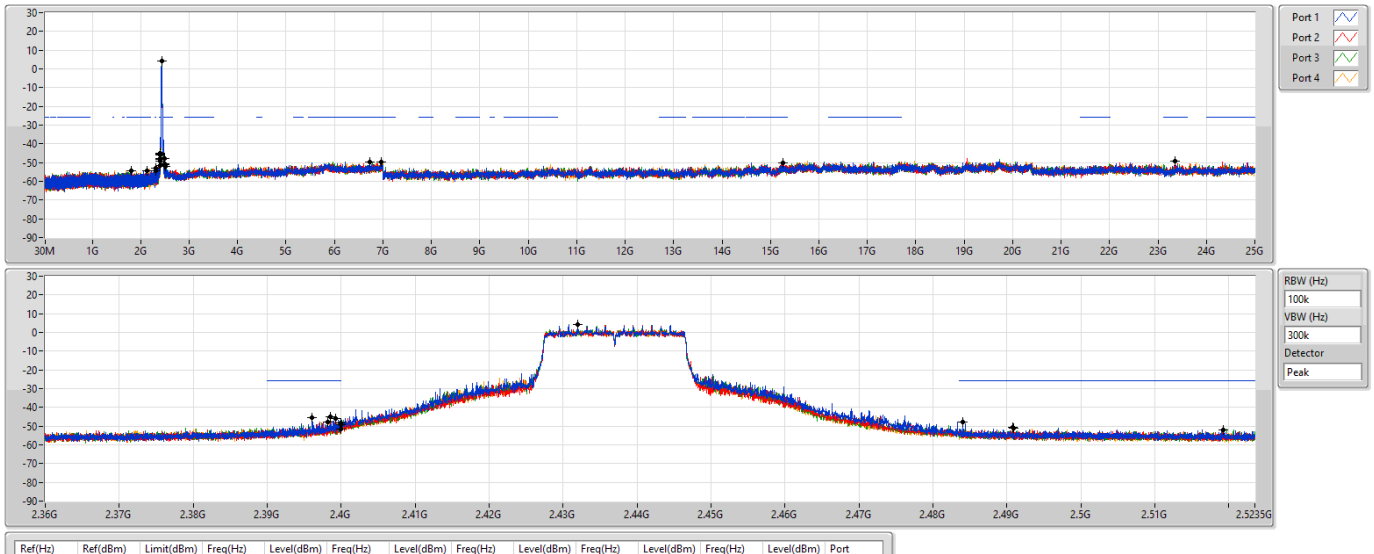
802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

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
2.43198G	4.29	-25.71	2.00817G	-54.78	2.39698G	-42.96	2.4G	-43.67	2.513G	-53.15	6.66199G	-48.81	1
2.43198G	4.29	-25.71	1.72566G	-55.05	2.39998G	-43.12	2.4G	-43.07	2.5218G	-53.00	16.42802G	-48.69	2
2.43198G	4.29	-25.71	2.06788G	-54.73	2.39998G	-43.48	2.4G	-43.97	2.48594G	-52.77	6.98228G	-49.67	3
2.43198G	4.29	-25.71	1.74226G	-54.33	2.39996G	-43.39	2.4G	-44.13	2.5157G	-53.41	17.69795G	-49.84	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

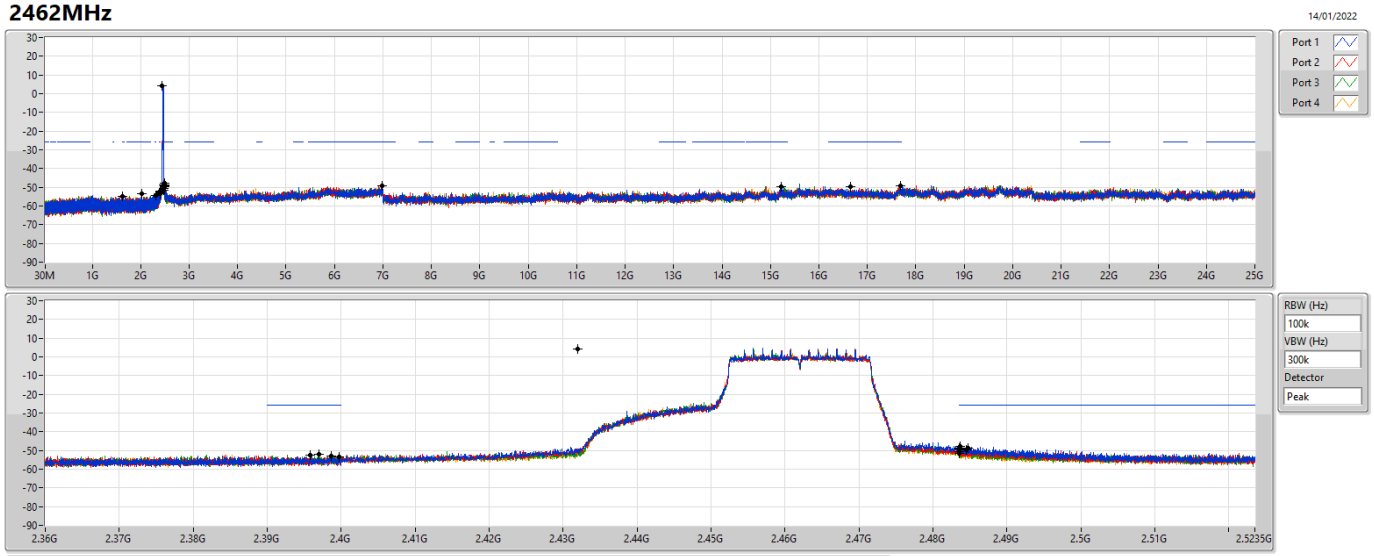
2437MHz



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	4.29	-25.71	2.30262G	-54.59	2.3961G	-45.49	2.4G	-48.44	2.48398G	-47.65	6.97385G	-49.56	1
2.43198G	4.29	-25.71	2.12438G	-54.19	2.3993G	-45.87	2.4G	-51.78	2.51922G	-51.82	23.34517G	-49.43	2
2.43198G	4.29	-25.71	1.80983G	-54.55	2.39814G	-47.96	2.4G	-49.35	2.49086G	-51.07	6.72661G	-49.62	3
2.43198G	4.29	-25.71	2.30583G	-53.00	2.39854G	-45.19	2.4G	-51.52	2.49072G	-50.42	15.25644G	-49.94	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

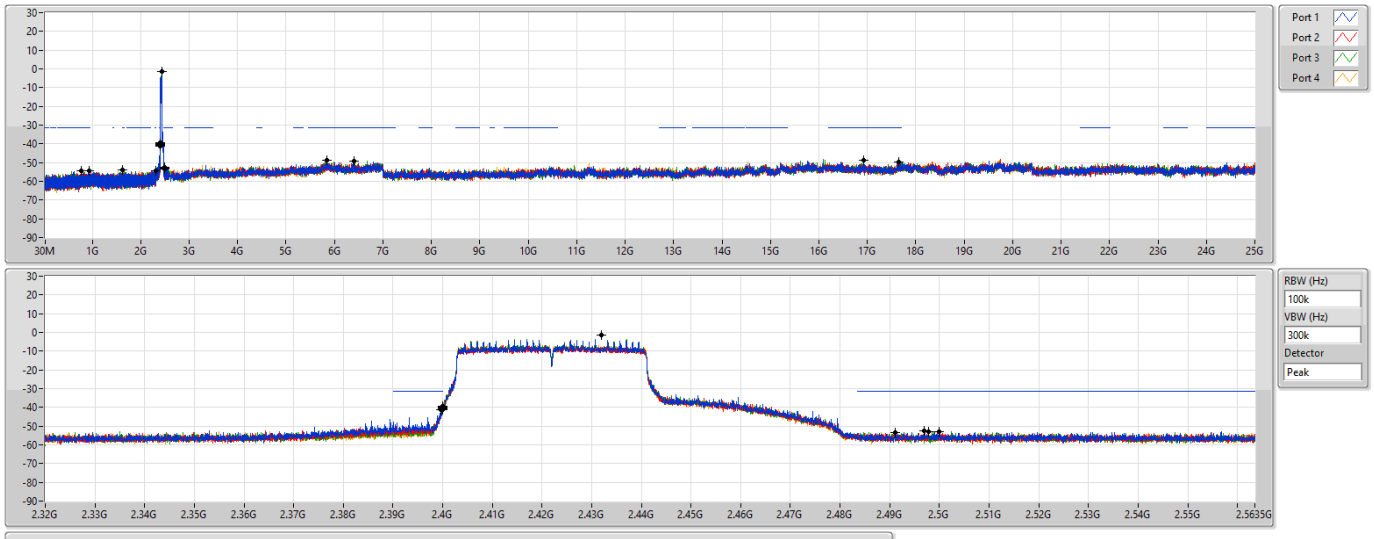
2462MHz



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
2.43198G	4.29	-25.71	1.61702G	-55.03	2.39966G	-53.21	2.4835G	-48.81	2.48364G	-47.85	16.64717G	-49.91	1
2.43198G	4.29	-25.71	2.01574G	-53.59	2.39868G	-52.92	2.4835G	-50.46	2.48468G	-48.83	17.68671G	-49.05	2
2.43198G	4.29	-25.71	2.30758G	-54.48	2.397G	-52.22	2.4835G	-51.55	2.48356G	-49.14	15.21429G	-49.65	3
2.43198G	4.29	-25.71	2.30379G	-54.46	2.39578G	-52.68	2.4835G	-51.42	2.48444G	-49.48	6.97666G	-49.39	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

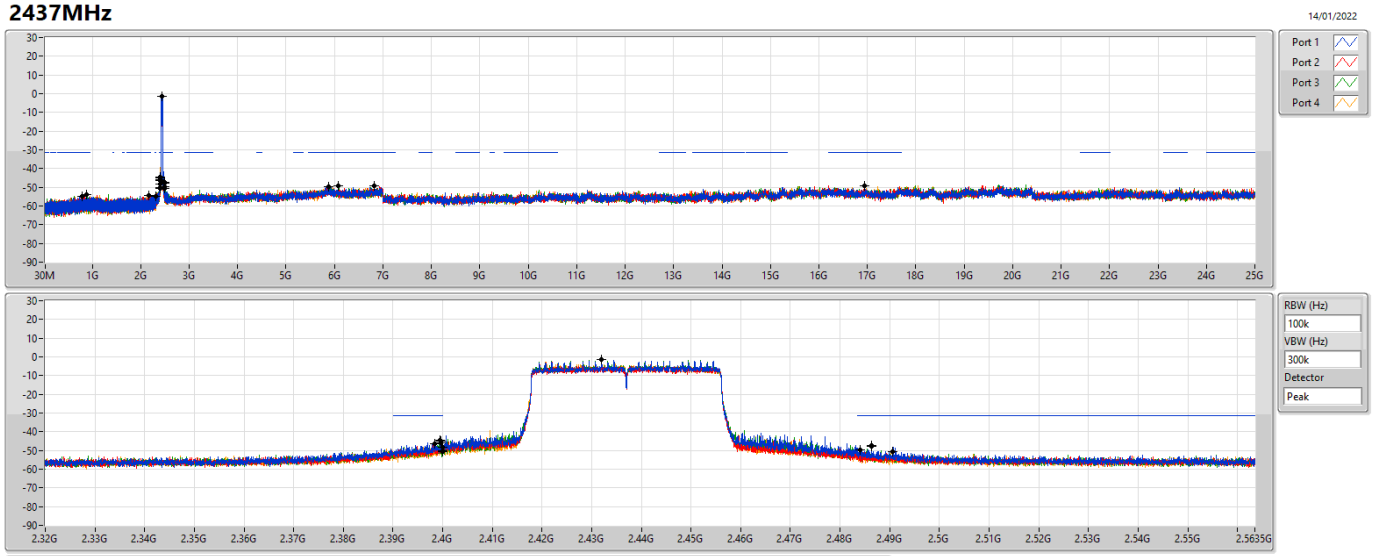
2422MHz



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	-1.45	-31.45	773.39M	-54.43	2.39968G	-41.13	2.4G	-40.82	2.49998G	-52.90	16.92286G	-48.89	1
2.43198G	-1.45	-31.45	1.63243G	-53.69	2.39992G	-40.62	2.4G	-39.97	2.49118G	-53.32	17.64644G	-49.55	2
2.43198G	-1.45	-31.45	2.30826G	-54.59	2.39996G	-39.32	2.4G	-39.70	2.4969G	-52.68	5.84764G	-48.73	3
2.43198G	-1.45	-31.45	942.57M	-54.20	2.39992G	-40.20	2.4G	-41.10	2.49774G	-53.18	6.39734G	-49.25	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

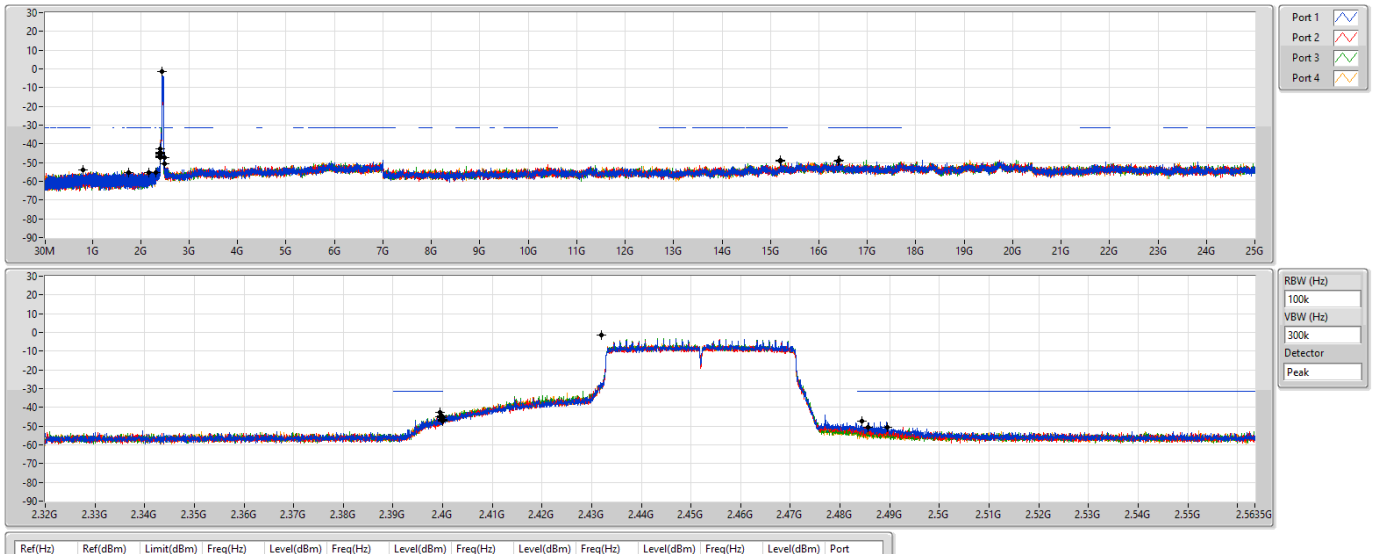
2437MHz



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	-1.45	-31.45	874.15M	-53.98	2.39948G	-44.40	2.4G	-48.10	2.48634G	-47.95	6.07481G	-49.32	1
2.43198G	-1.45	-31.45	797.15M	-54.71	2.39956G	-44.78	2.4G	-50.10	2.4841G	-49.61	5.8841G	-49.61	2
2.43198G	-1.45	-31.45	2.30884G	-54.72	2.3996G	-46.13	2.4G	-50.68	2.4863G	-47.45	6.82363G	-49.29	3
2.43198G	-1.45	-31.45	2.17459G	-54.35	2.3984G	-46.21	2.4G	-50.48	2.49066G	-50.56	16.9481G	-49.28	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

2452MHz

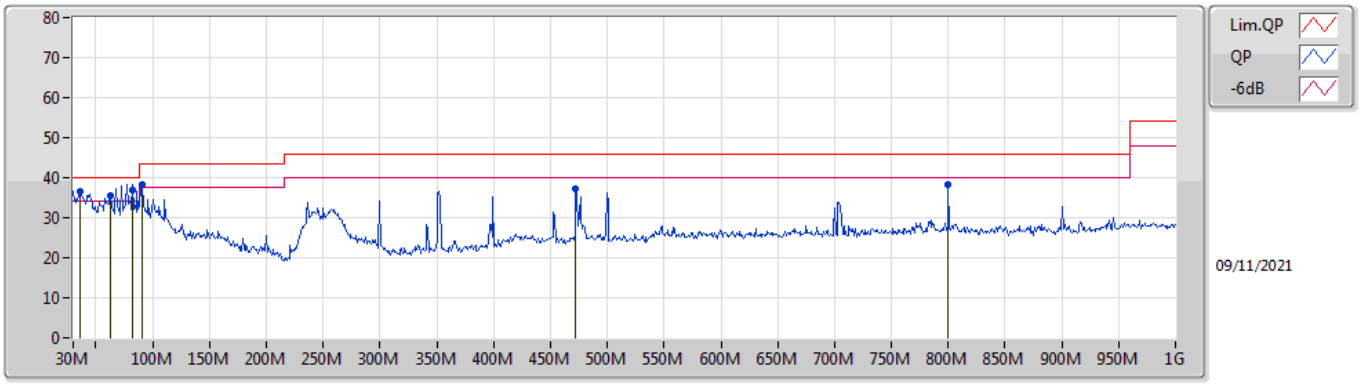


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	-1.45	-31.45	2.17258G	-55.11	2.39948G	-45.04	2.4G	-47.19	2.48446G	-47.56	15.20927G	-48.67	1
2.43198G	-1.45	-31.45	2.30712G	-55.09	2.39976G	-44.71	2.4G	-46.38	2.48446G	-47.48	16.38999G	-49.42	2
2.43198G	-1.45	-31.45	1.74607G	-55.42	2.39952G	-42.65	2.4G	-46.74	2.48558G	-50.74	16.41523G	-48.93	3
2.43198G	-1.45	-31.45	805.17M	-54.12	2.39976G	-45.57	2.4G	-46.73	2.4895G	-50.66	15.20647G	-49.10	4

Summary

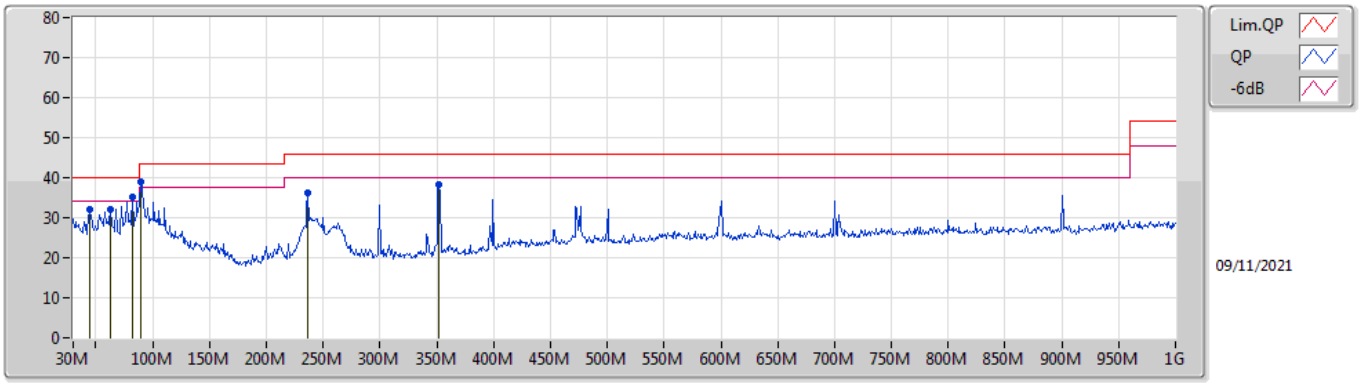
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 6	Pass	QP	82.38M	36.96	40.00	-3.04	Vertical

Mode 6



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	35.82M	36.68	40.00	-3.32	-10.84	3	Vertical	190	1.25	-	47.52	20.32	0.52	31.68
PK	62.98M	35.59	40.00	-4.41	-19.84	3	Vertical	218	1.25	-	55.43	11.34	0.70	31.88
QP	82.38M	36.96	40.00	-3.04	-18.74	3	Vertical	248	1.00	"Worst"	55.70	12.42	0.75	31.91
PK	91.11M	38.25	43.50	-5.25	-16.98	3	Vertical	80	1.00	-	55.23	14.13	0.80	31.91
PK	472.32M	37.14	46.00	-8.86	-7.95	3	Vertical	286	1.00	-	45.09	22.46	1.74	32.15
PK	800.18M	38.13	46.00	-7.87	-5.14	3	Vertical	102	1.00	-	43.27	24.90	2.30	32.34

Mode 6



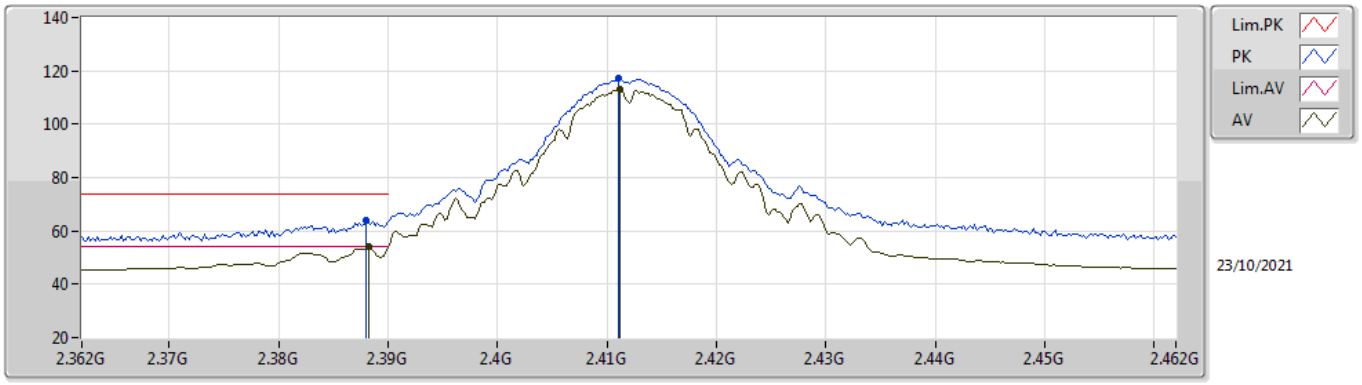
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	44.55M	32.16	40.00	-7.84	-15.31	3	Horizontal	276	1.50	-	47.47	15.88	0.60	31.79
PK	62.98M	31.96	40.00	-8.04	-19.84	3	Horizontal	155	1.50	-	51.80	11.34	0.70	31.88
PK	82.38M	35.32	40.00	-4.68	-18.74	3	Horizontal	149	1.50	-	54.06	12.42	0.75	31.91
PK	89.17M	39.11	43.50	-4.39	-17.42	3	Horizontal	16	2.00	"Worst"	56.53	13.69	0.80	31.91
PK	236.61M	36.19	46.00	-9.81	-14.86	3	Horizontal	134	1.00	-	51.05	15.79	1.27	31.92
PK	352.04M	38.20	46.00	-7.80	-11.02	3	Horizontal	240	1.50	-	49.22	19.46	1.50	31.98

For Radio 2 / Ant. 1~Ant. 4 / non beamforming mode
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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.487G	53.94	54.00	-0.06	3	Horizontal	309	1.79	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

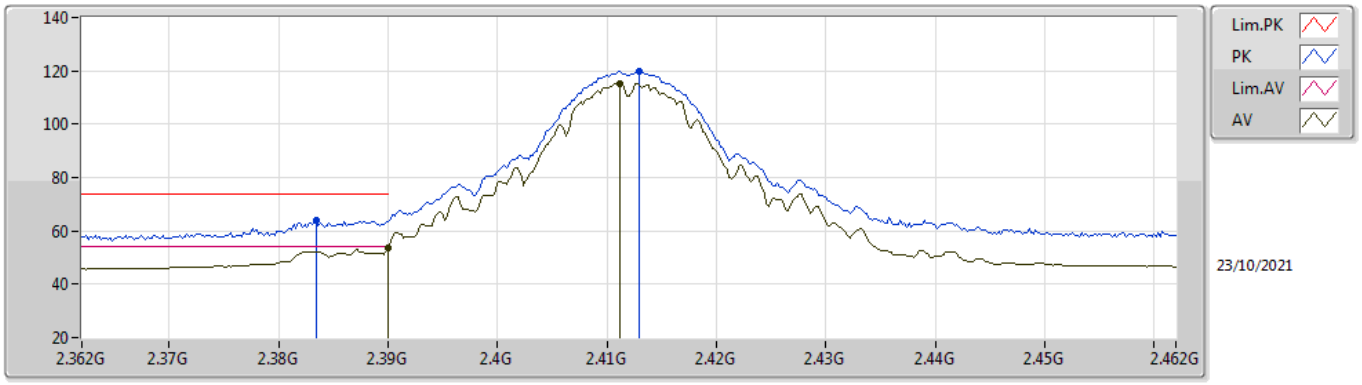


EUT Y_4TX
Setting 87
02-C-E-2

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	63.75	74.00	-10.25	32.58	3	Vertical	356	2.87	-	28.38	2.79	-
AV	2.3882G	53.90	54.00	-0.10	22.73	3	Vertical	356	2.87	-	28.38	2.79	-
PK	2.411G	116.99	Inf	-Inf	85.78	3	Vertical	356	2.87	-	28.40	2.81	-
AV	2.4112G	113.14	Inf	-Inf	81.93	3	Vertical	356	2.87	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

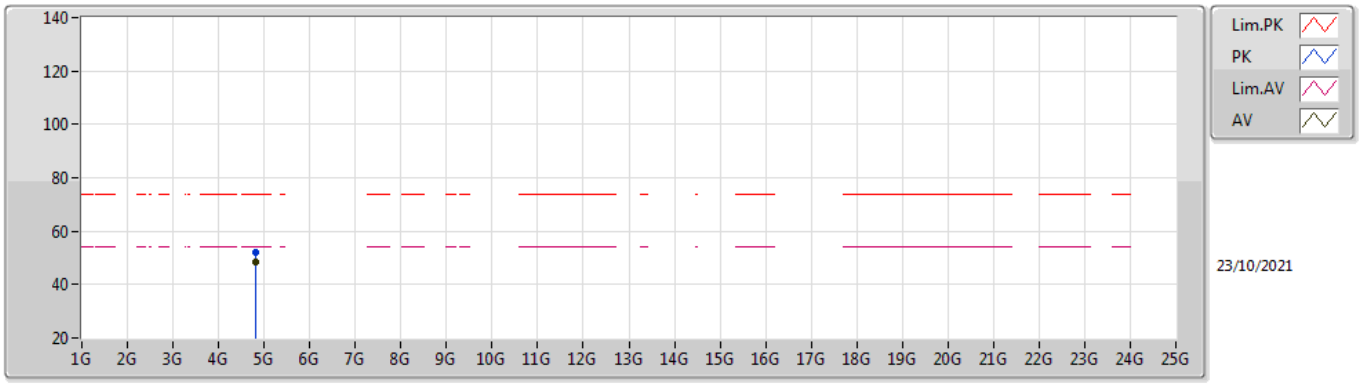


EUT Y_4TX
Setting 87
02-C-E-2

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	2.3834G	63.84	74.00	-10.16	32.68	3	Horizontal	39	1.80	-	28.37	2.79	-
AV	2.39G	53.74	54.00	-0.26	22.57	3	Horizontal	39	1.80	-	28.38	2.79	-
PK	2.413G	119.91	Inf	-Inf	88.70	3	Horizontal	39	1.80	-	28.40	2.81	-
AV	2.4112G	115.43	Inf	-Inf	84.22	3	Horizontal	39	1.80	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

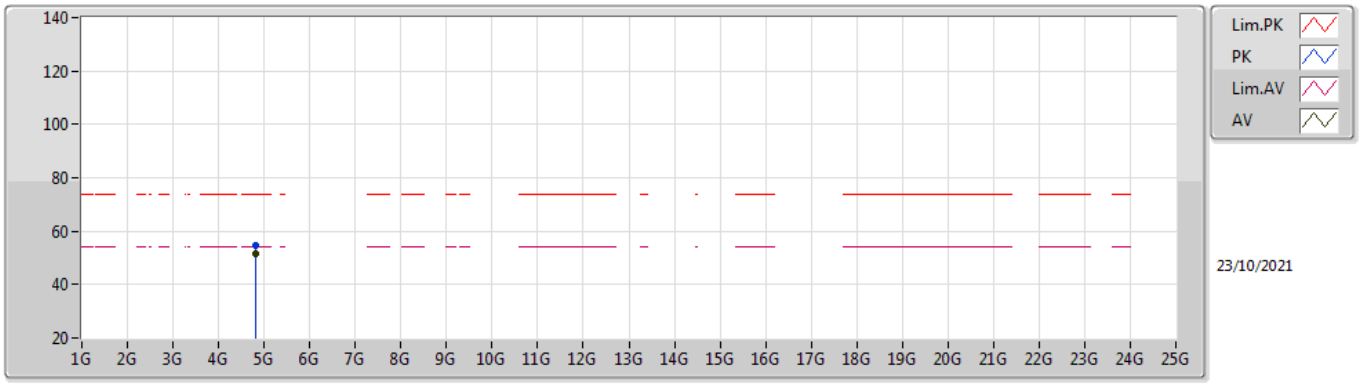


EUT Y_4TX
Setting 87
02-C-E-2

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	4.82406G	52.06	74.00	-21.94	46.38	3	Vertical	355	2.64	-	32.80	5.10	32.22
AV	4.82393G	48.36	54.00	-5.64	42.68	3	Vertical	355	2.64	-	32.80	5.10	32.22

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

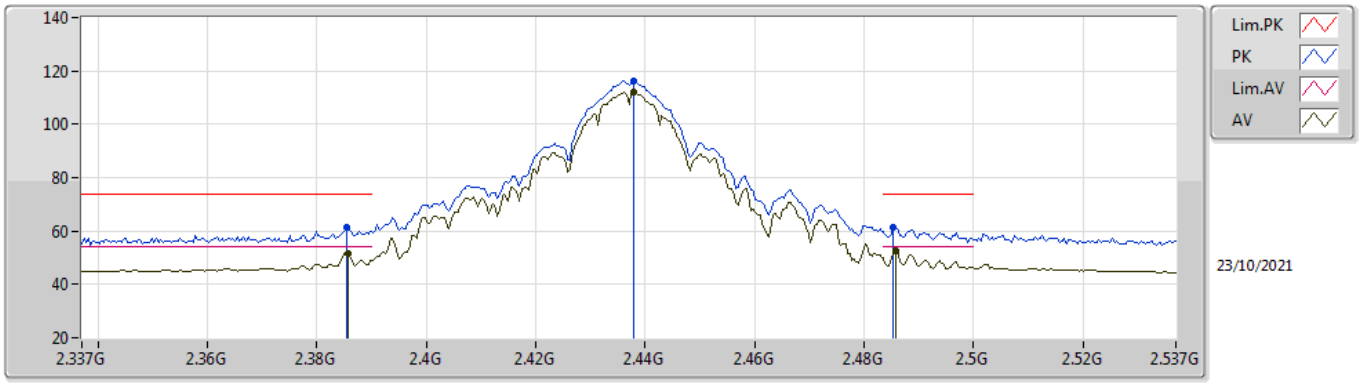


EUT Y_4TX
Setting 87
02-C-E-2

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	4.82387G	54.52	74.00	-19.48	48.84	3	Horizontal	35	2.53	-	32.80	5.10	32.22
AV	4.82393G	51.45	54.00	-2.55	45.77	3	Horizontal	35	2.53	-	32.80	5.10	32.22

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

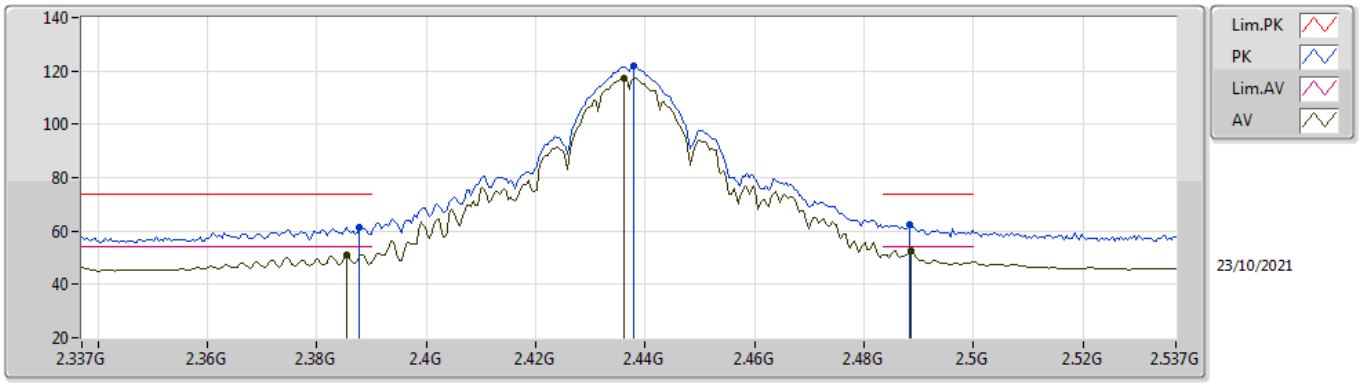


EUT Y_4TX
Setting 96
02-C-E-2

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	2.3854G	61.15	74.00	-12.85	29.99	3	Vertical	356	2.52	-	28.37	2.79	-
AV	2.3858G	51.64	54.00	-2.36	20.48	3	Vertical	356	2.52	-	28.37	2.79	-
PK	2.4378G	116.22	Inf	-Inf	84.98	3	Vertical	356	2.52	-	28.40	2.84	-
AV	2.4378G	112.24	Inf	-Inf	81.00	3	Vertical	356	2.52	-	28.40	2.84	-
PK	2.4854G	61.13	74.00	-12.87	29.70	3	Vertical	356	2.52	-	28.54	2.89	-
AV	2.4858G	52.50	54.00	-1.50	21.07	3	Vertical	356	2.52	-	28.54	2.89	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

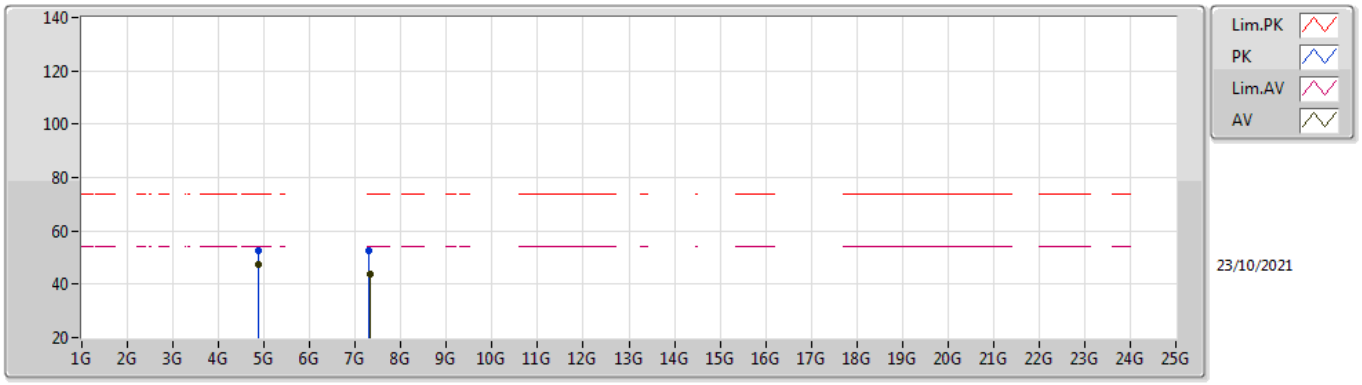


EUT Y_4TX
Setting 96
02-C-E-2

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	61.25	74.00	-12.75	30.08	3	Horizontal	311	1.78	-	28.38	2.79	-
AV	2.3854G	51.16	54.00	-2.84	20.00	3	Horizontal	311	1.78	-	28.37	2.79	-
PK	2.4378G	121.76	Inf	-Inf	90.52	3	Horizontal	311	1.78	-	28.40	2.84	-
AV	2.4362G	117.45	Inf	-Inf	86.21	3	Horizontal	311	1.78	-	28.40	2.84	-
PK	2.4882G	62.24	74.00	-11.76	30.80	3	Horizontal	311	1.78	-	28.55	2.89	-
AV	2.4886G	52.70	54.00	-1.30	21.26	3	Horizontal	311	1.78	-	28.55	2.89	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

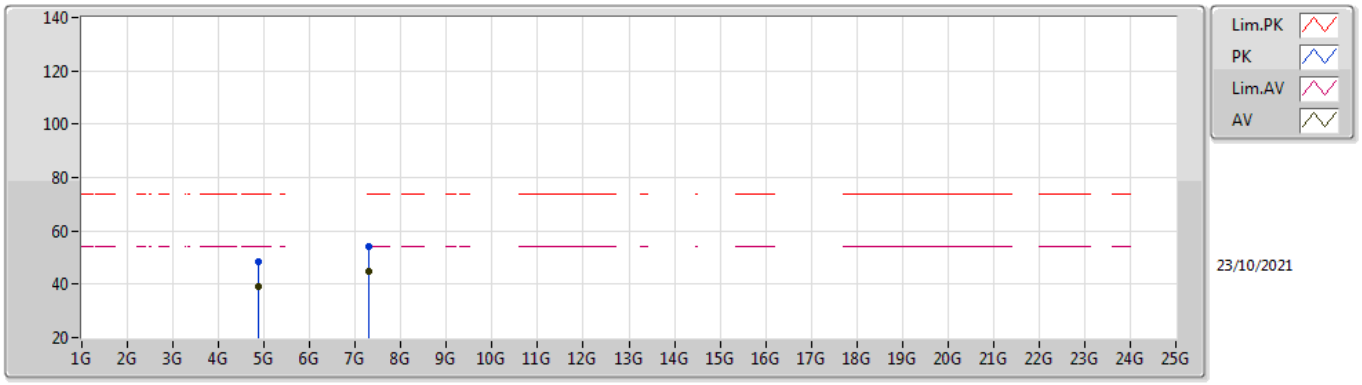


EUT Y_4TX
Setting 96
02-C-E-2

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	4.87396G	52.48	74.00	-21.52	46.64	3	Vertical	341	1.86	-	32.95	5.10	32.21
AV	4.87394G	47.21	54.00	-6.79	41.37	3	Vertical	341	1.86	-	32.95	5.10	32.21
PK	7.30909G	52.43	74.00	-21.57	42.68	3	Vertical	343	1.80	-	36.42	6.15	32.82
AV	7.31023G	43.63	54.00	-10.37	33.87	3	Vertical	343	1.80	-	36.42	6.16	32.82

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

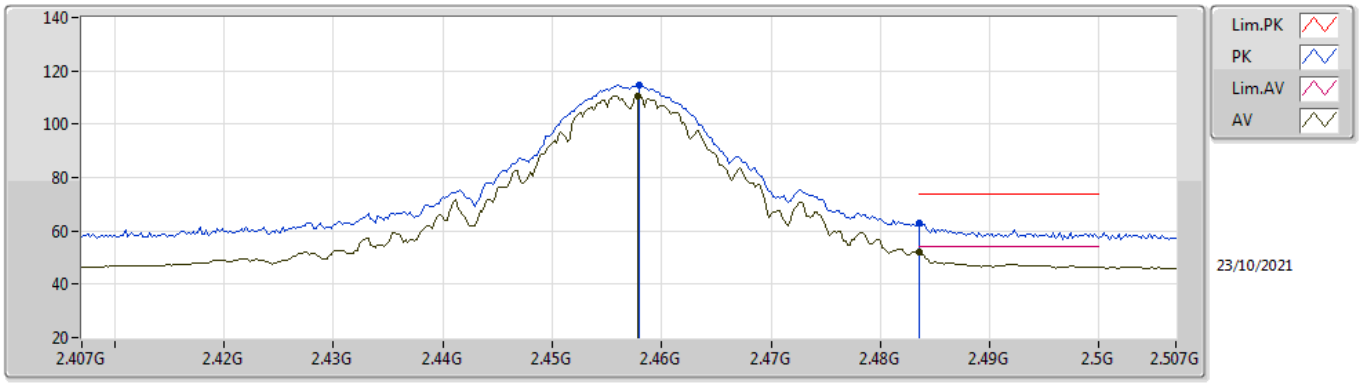


EUT Y_4TX
Setting 96
02-C-E-2

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	4.87402G	48.19	74.00	-25.81	42.35	3	Horizontal	53	1.10	-	32.95	5.10	32.21
AV	4.87393G	39.12	54.00	-14.88	33.28	3	Horizontal	53	1.10	-	32.95	5.10	32.21
PK	7.30986G	54.04	74.00	-19.96	44.29	3	Horizontal	41	1.15	-	36.42	6.15	32.82
AV	7.31017G	44.93	54.00	-9.07	35.17	3	Horizontal	41	1.15	-	36.42	6.16	32.82

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

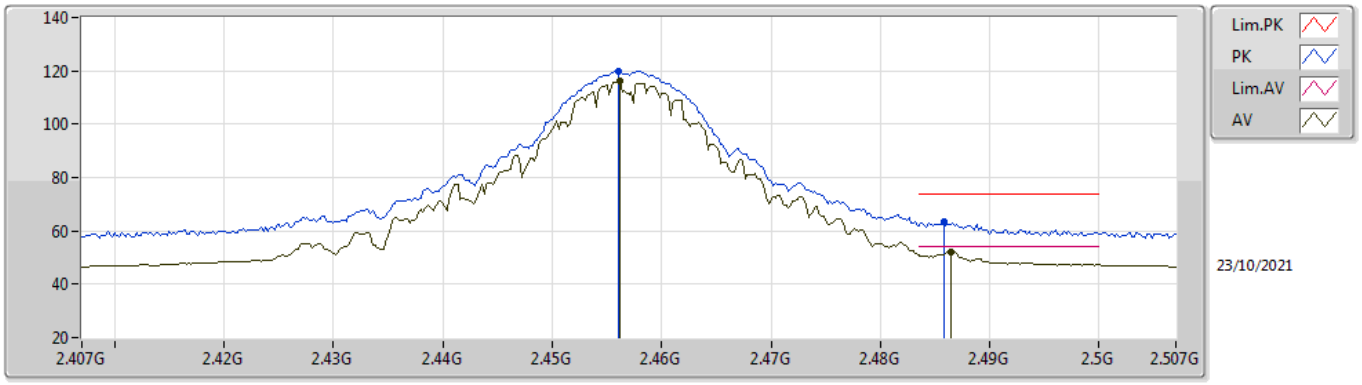


EUT Y_4TX
Setting 88
02-C-E-2

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	114.66	Inf	-Inf	83.37	3	Vertical	355	2.74	-	28.43	2.86	-
AV	2.4578G	110.59	Inf	-Inf	79.30	3	Vertical	355	2.74	-	28.43	2.86	-
PK	2.4836G	63.01	74.00	-10.99	31.60	3	Vertical	355	2.74	-	28.53	2.88	-
AV	2.4835G	52.22	54.00	-1.78	20.81	3	Vertical	355	2.74	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

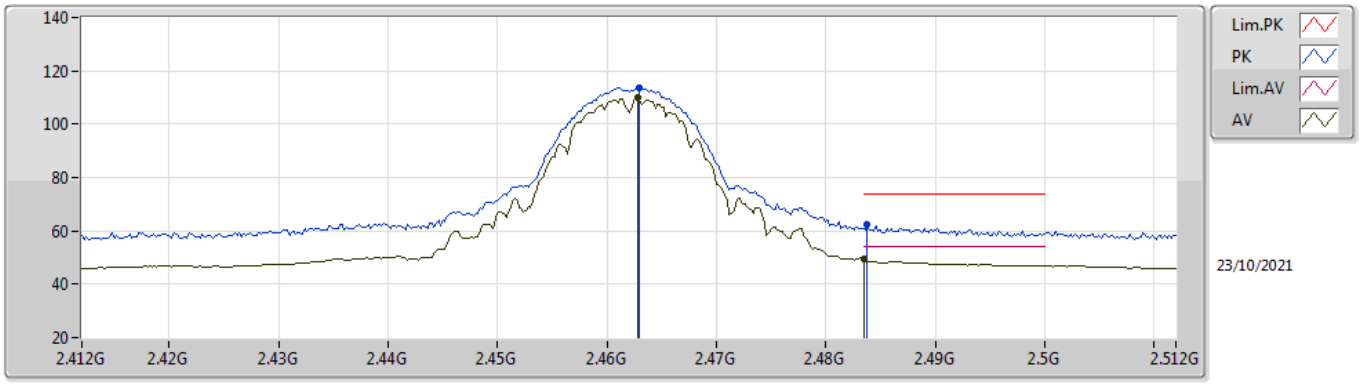


EUT Y_4TX
Setting 88
02-C-E-2

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	120.00	Inf	-Inf	88.72	3	Horizontal	310	1.77	-	28.42	2.86	-
AV	2.4562G	116.14	Inf	-Inf	84.86	3	Horizontal	310	1.77	-	28.42	2.86	-
PK	2.4858G	63.41	74.00	-10.59	31.98	3	Horizontal	310	1.77	-	28.54	2.89	-
AV	2.4864G	52.26	54.00	-1.74	20.82	3	Horizontal	310	1.77	-	28.55	2.89	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

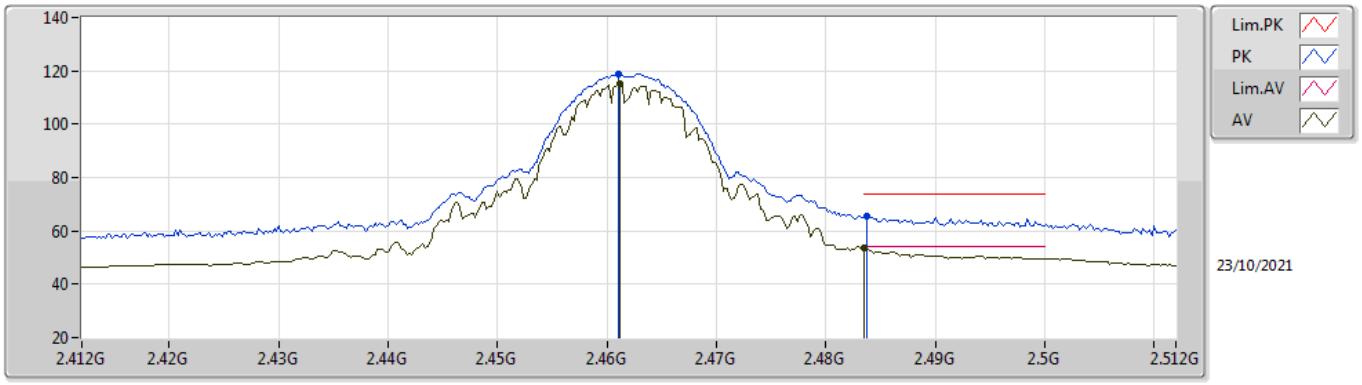


EUT Y_4TX
Setting 82
02-C-E-2

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	113.86	Inf	-Inf	82.55	3	Vertical	360	3.00	-	28.45	2.86	-
AV	2.4628G	109.83	Inf	-Inf	78.52	3	Vertical	360	3.00	-	28.45	2.86	-
PK	2.4838G	62.26	74.00	-11.74	30.84	3	Vertical	360	3.00	-	28.54	2.88	-
AV	2.4835G	49.65	54.00	-4.35	18.24	3	Vertical	360	3.00	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

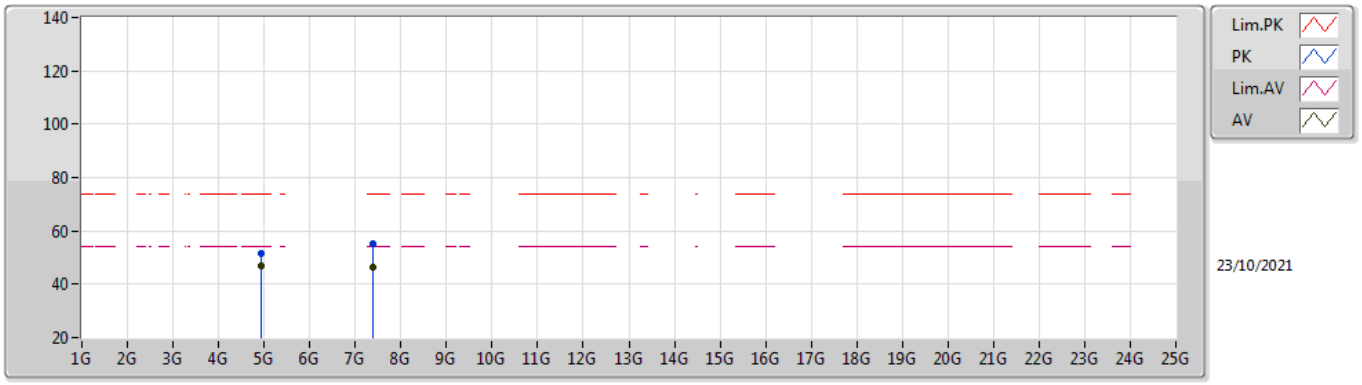


EUT Y_4TX
Setting 82
02-C-E-2

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	2.461G	119.02	Inf	-Inf	87.72	3	Horizontal	45	1.43	-	28.44	2.86	-
AV	2.4612G	115.28	Inf	-Inf	83.98	3	Horizontal	45	1.43	-	28.44	2.86	-
PK	2.4838G	65.59	74.00	-8.41	34.17	3	Horizontal	45	1.43	-	28.54	2.88	-
AV	2.4835G	53.74	54.00	-0.26	22.33	3	Horizontal	45	1.43	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

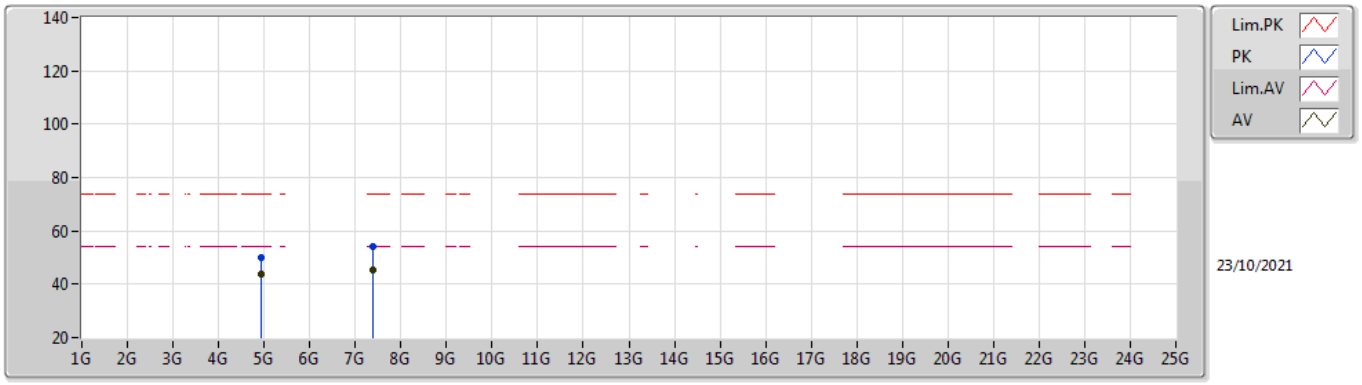


EUT Y_4TX
Setting 82
02-C-E-2

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	4.92405G	51.48	74.00	-22.52	45.43	3	Vertical	348	2.93	-	33.14	5.10	32.19
AV	4.92396G	47.11	54.00	-6.89	41.06	3	Vertical	348	2.93	-	33.14	5.10	32.19
PK	7.38503G	55.05	74.00	-18.95	45.24	3	Vertical	340	1.00	-	36.57	6.19	32.95
AV	7.38459G	46.38	54.00	-7.62	36.57	3	Vertical	340	1.00	-	36.57	6.19	32.95

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

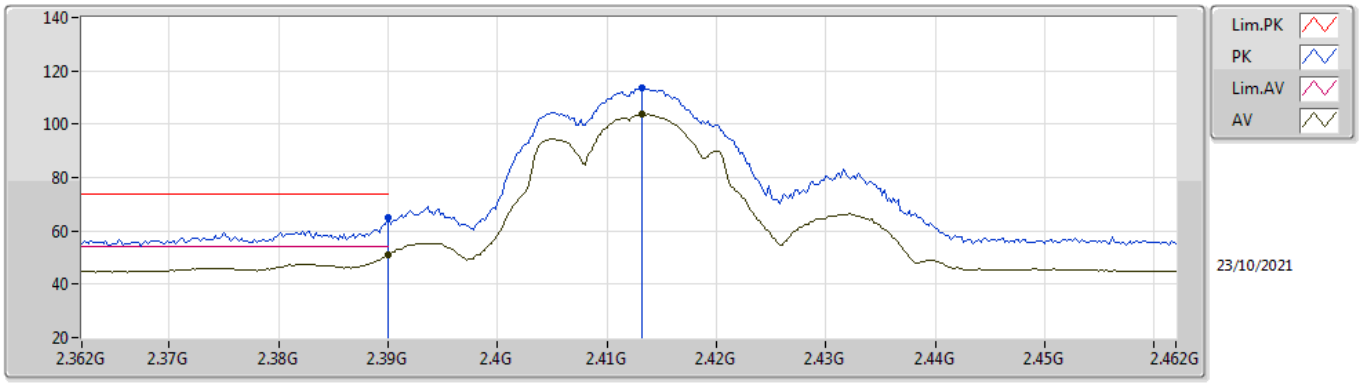


EUT Y_4TX
Setting 82
02-C-E-2

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	4.92407G	49.92	74.00	-24.08	43.87	3	Horizontal	312	1.71	-	33.14	5.10	32.19
AV	4.92397G	43.69	54.00	-10.31	37.64	3	Horizontal	312	1.71	-	33.14	5.10	32.19
PK	7.38762G	54.01	74.00	-19.99	44.19	3	Horizontal	44	1.32	-	36.58	6.19	32.95
AV	7.3847G	45.29	54.00	-8.71	35.48	3	Horizontal	44	1.32	-	36.57	6.19	32.95

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

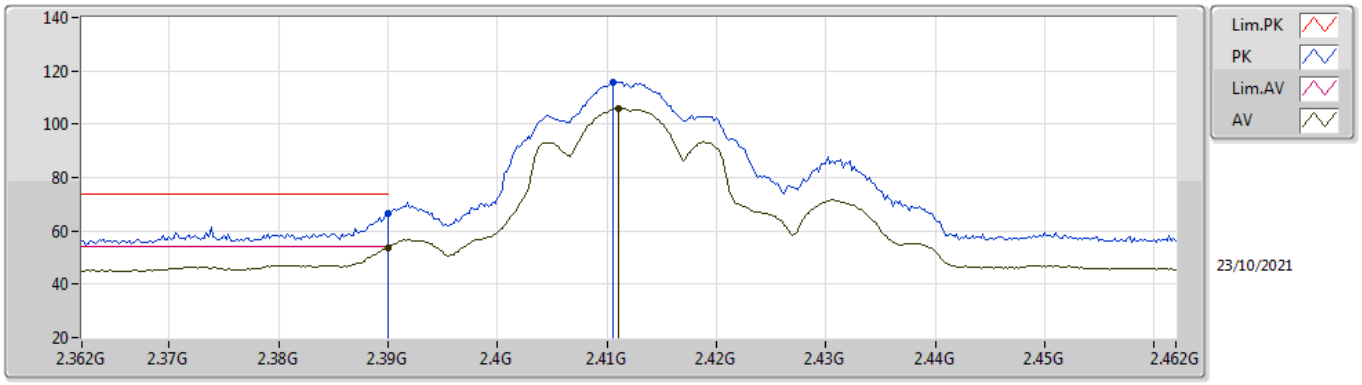


EUT Y_4TX
Setting 75
02-C-E-2

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	64.81	74.00	-9.19	33.64	3	Vertical	133	2.42	-	28.38	2.79	-
AV	2.39G	50.86	54.00	-3.14	19.69	3	Vertical	133	2.42	-	28.38	2.79	-
PK	2.4132G	113.42	Inf	-Inf	82.21	3	Vertical	133	2.42	-	28.40	2.81	-
AV	2.4132G	103.97	Inf	-Inf	72.76	3	Vertical	133	2.42	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

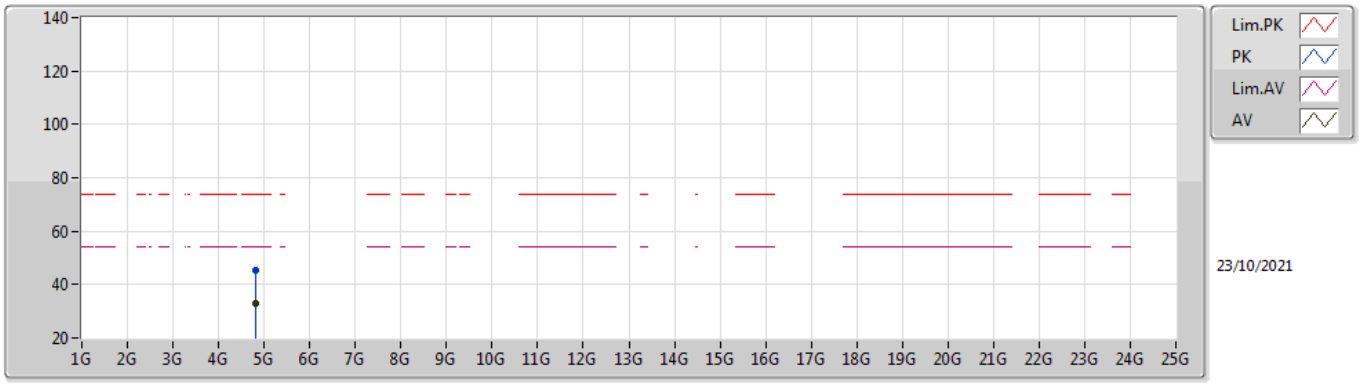


EUT Y_4TX
Setting 75
02-C-E-2

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	66.41	74.00	-7.59	35.24	3	Horizontal	42	1.80	-	28.38	2.79	-
AV	2.39G	53.83	54.00	-0.17	22.66	3	Horizontal	42	1.80	-	28.38	2.79	-
PK	2.4106G	115.63	Inf	-Inf	84.42	3	Horizontal	42	1.80	-	28.40	2.81	-
AV	2.411G	106.09	Inf	-Inf	74.88	3	Horizontal	42	1.80	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

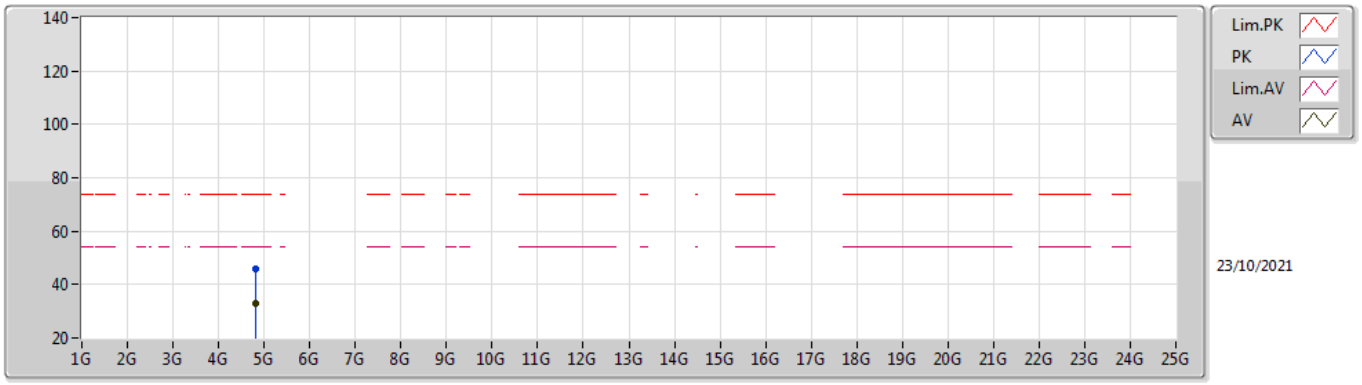


EUT Y_4TX
Setting 75
02-C-E-2

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	4.82229G	45.56	74.00	-28.44	39.89	3	Vertical	174	2.88	-	32.79	5.10	32.22
AV	4.82403G	32.87	54.00	-21.13	27.19	3	Vertical	174	2.88	-	32.80	5.10	32.22

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

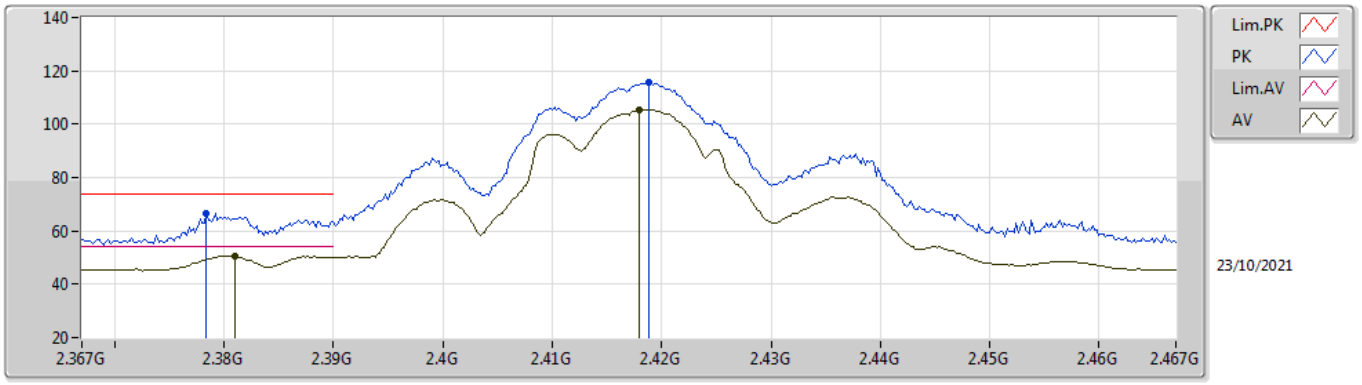


EUT Y_4TX
Setting 75
02-C-E-2

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	4.82539G	46.01	74.00	-27.99	40.33	3	Horizontal	278	1.32	-	32.80	5.10	32.22
AV	4.82303G	32.80	54.00	-21.20	27.13	3	Horizontal	278	1.32	-	32.79	5.10	32.22

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

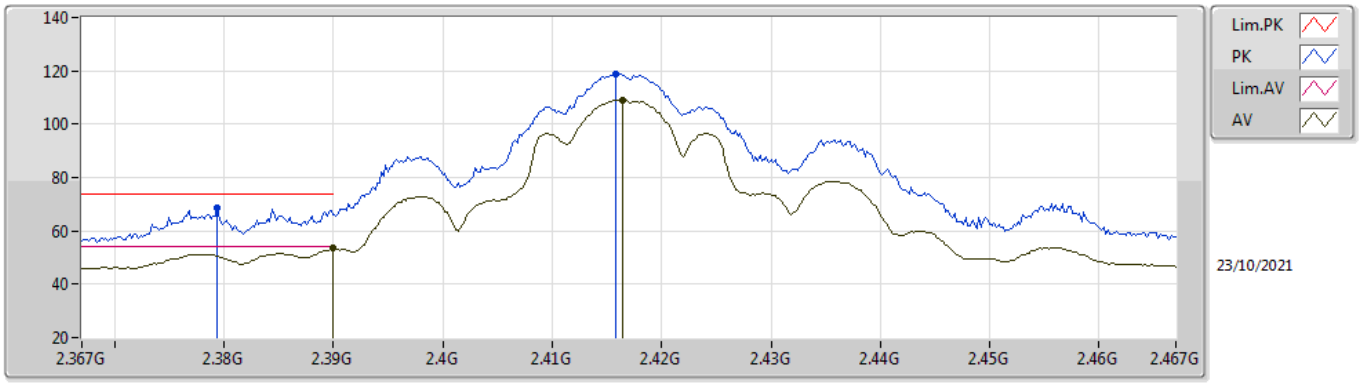


EUT Y_4TX
Setting 85
02-C-E-2

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	2.3784G	66.47	74.00	-7.53	35.32	3	Vertical	128	2.38	-	28.36	2.79	-
AV	2.381G	50.55	54.00	-3.45	19.40	3	Vertical	128	2.38	-	28.36	2.79	-
PK	2.4188G	115.80	Inf	-Inf	84.58	3	Vertical	128	2.38	-	28.40	2.82	-
AV	2.418G	105.48	Inf	-Inf	74.26	3	Vertical	128	2.38	-	28.40	2.82	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

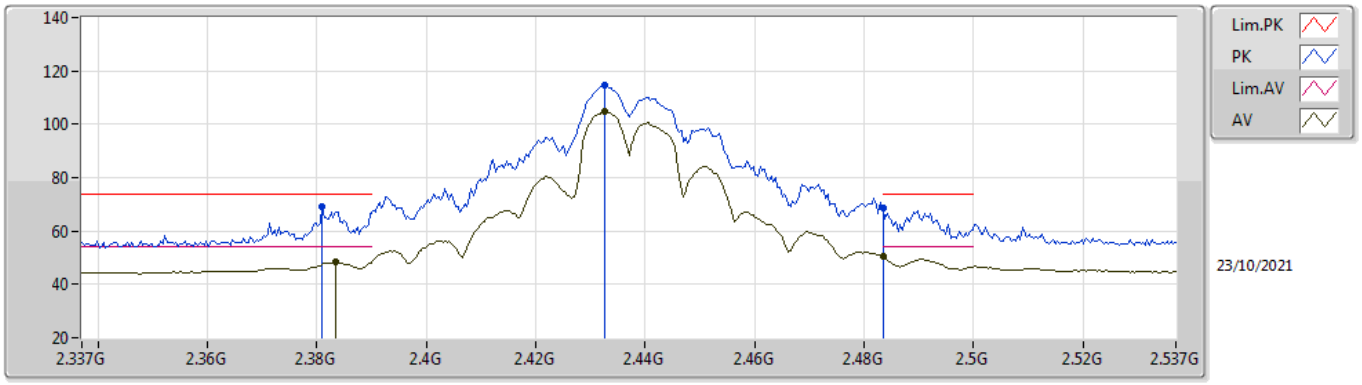


EUT Y_4TX
Setting 85
02-C-E-2

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	2.3794G	68.49	74.00	-5.51	37.34	3	Horizontal	40	1.80	-	28.36	2.79	-
AV	2.39G	53.40	54.00	-0.60	22.23	3	Horizontal	40	1.80	-	28.38	2.79	-
PK	2.4158G	118.98	Inf	-Inf	87.76	3	Horizontal	40	1.80	-	28.40	2.82	-
AV	2.4164G	109.16	Inf	-Inf	77.94	3	Horizontal	40	1.80	-	28.40	2.82	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

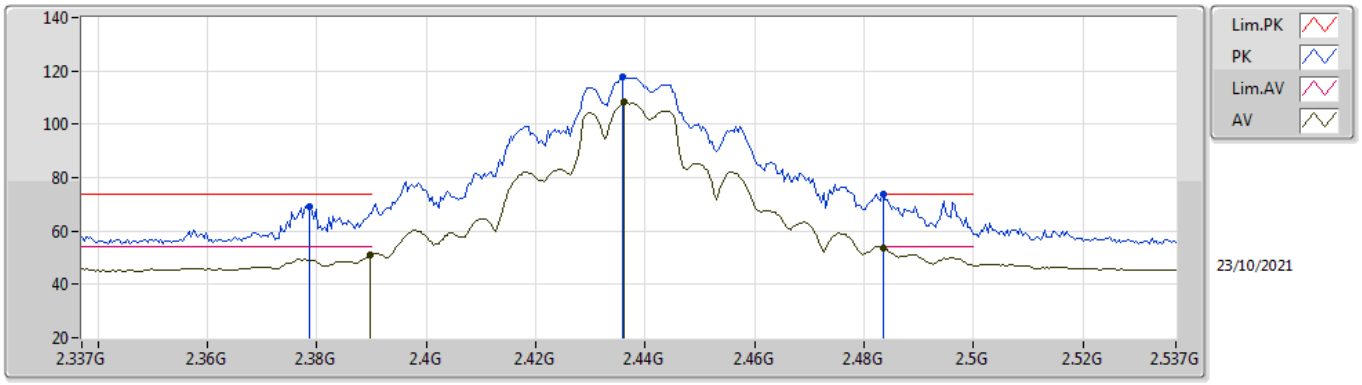


EUT Y_4TX
Setting 87
02-C-E-2

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	2.381G	69.14	74.00	-4.86	37.99	3	Vertical	112	1.80	-	28.36	2.79	-
AV	2.3834G	48.21	54.00	-5.79	17.05	3	Vertical	112	1.80	-	28.37	2.79	-
PK	2.4326G	114.41	Inf	-Inf	83.18	3	Vertical	112	1.80	-	28.40	2.83	-
AV	2.4326G	104.83	Inf	-Inf	73.60	3	Vertical	112	1.80	-	28.40	2.83	-
PK	2.4835G	68.57	74.00	-5.43	37.16	3	Vertical	112	1.80	-	28.53	2.88	-
AV	2.4835G	50.40	54.00	-3.60	18.99	3	Vertical	112	1.80	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

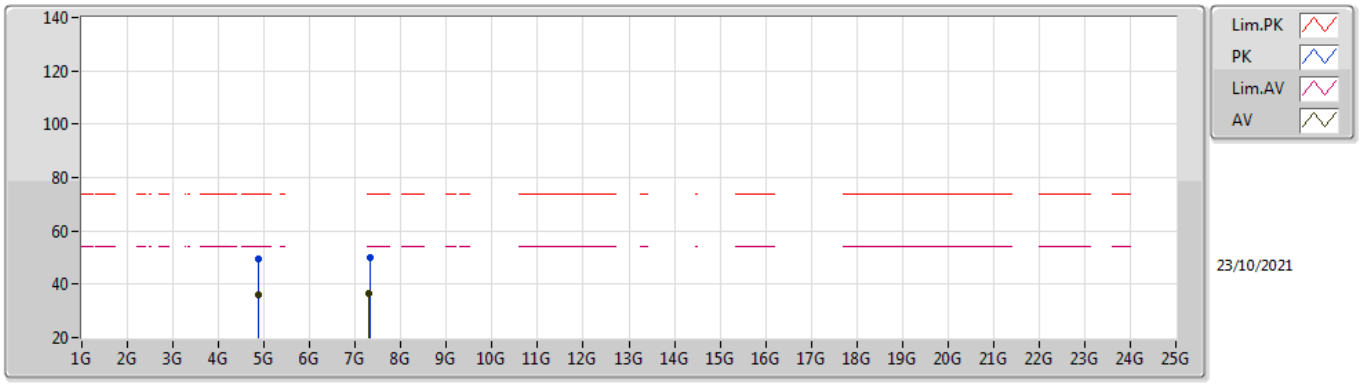


EUT Y_4TX
Setting 87
02-C-E-2

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	2.3786G	69.32	74.00	-4.68	38.17	3	Horizontal	56	1.80	-	28.36	2.79	-
AV	2.3898G	51.05	54.00	-2.95	19.88	3	Horizontal	56	1.80	-	28.38	2.79	-
PK	2.4358G	117.74	Inf	-Inf	86.50	3	Horizontal	56	1.80	-	28.40	2.84	-
AV	2.4362G	108.21	Inf	-Inf	76.97	3	Horizontal	56	1.80	-	28.40	2.84	-
PK	2.4835G	73.64	74.00	-0.36	42.23	3	Horizontal	56	1.80	-	28.53	2.88	-
AV	2.4835G	53.41	54.00	-0.59	22.00	3	Horizontal	56	1.80	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

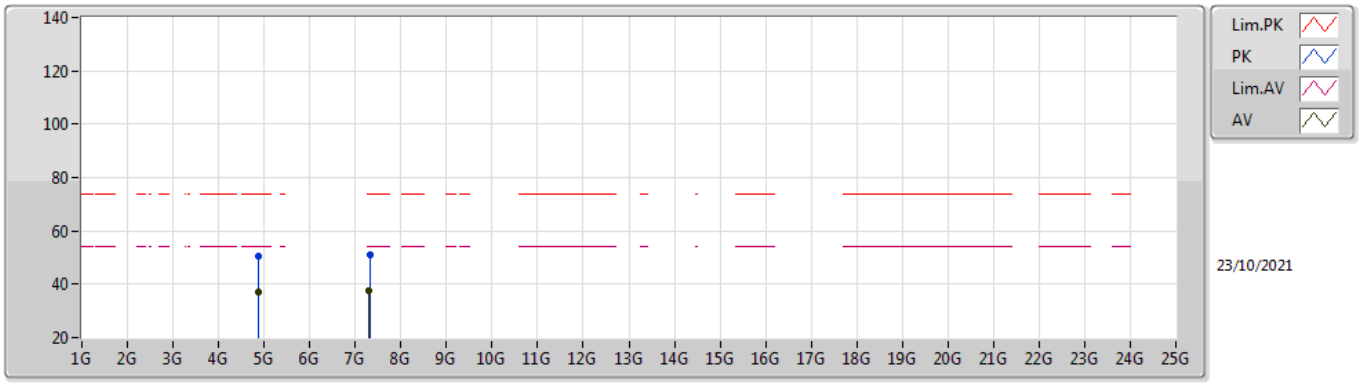


EUT Y_4TX
Setting 87
02-C-E-2

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	4.87792G	49.48	74.00	-24.52	43.62	3	Vertical	58	1.59	-	32.96	5.10	32.20
AV	4.87116G	35.79	54.00	-18.21	29.96	3	Vertical	58	1.59	-	32.94	5.10	32.21
PK	7.3158G	50.00	74.00	-24.00	40.24	3	Vertical	41	2.60	-	36.43	6.16	32.83
AV	7.30908G	36.52	54.00	-17.48	26.77	3	Vertical	41	2.60	-	36.42	6.15	32.82

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

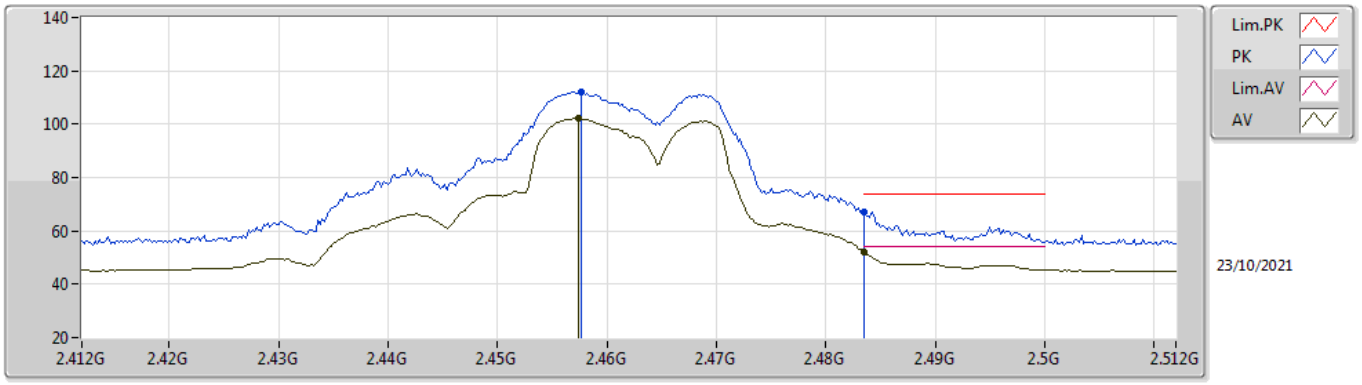


EUT Y_4TX
Setting 87
02-C-E-2

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	4.87228G	50.36	74.00	-23.64	44.53	3	Horizontal	63	1.90	-	32.94	5.10	32.21
AV	4.87188G	37.22	54.00	-16.78	31.39	3	Horizontal	63	1.90	-	32.94	5.10	32.21
PK	7.31404G	50.81	74.00	-23.19	41.05	3	Horizontal	32	2.97	-	36.43	6.16	32.83
AV	7.30812G	37.57	54.00	-16.43	27.82	3	Horizontal	32	2.97	-	36.42	6.15	32.82

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

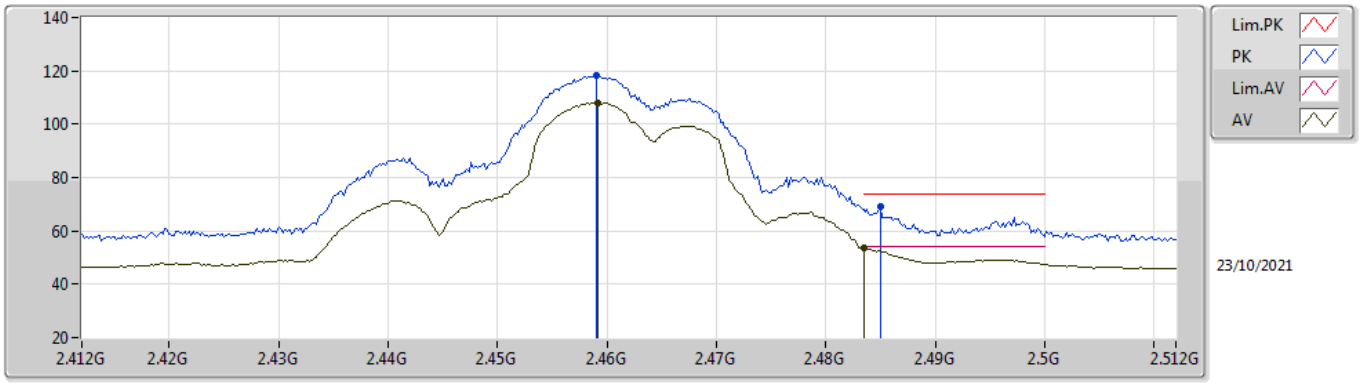


EUT Y_4TX
Setting 78
02-C-E-2

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	2.4576G	112.17	Inf	-Inf	80.88	3	Vertical	115	2.92	-	28.43	2.86	-
AV	2.4574G	102.14	Inf	-Inf	70.85	3	Vertical	115	2.92	-	28.43	2.86	-
PK	2.4835G	67.02	74.00	-6.98	35.61	3	Vertical	115	2.92	-	28.53	2.88	-
AV	2.4835G	52.26	54.00	-1.74	20.85	3	Vertical	115	2.92	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

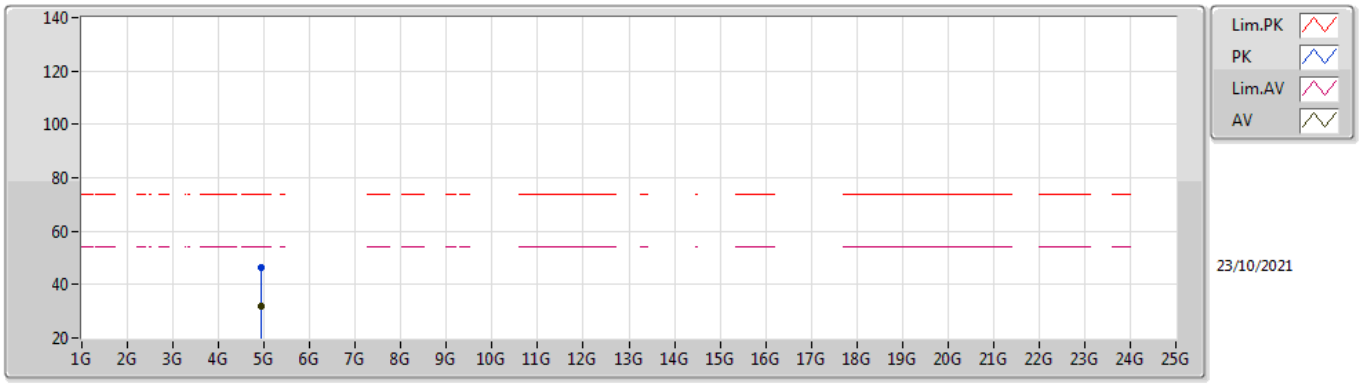


EUT Y_4TX
Setting 78
02-C-E-2

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	2.459G	118.11	Inf	-Inf	86.81	3	Horizontal	303	2.22	-	28.44	2.86	-
AV	2.4592G	107.98	Inf	-Inf	76.68	3	Horizontal	303	2.22	-	28.44	2.86	-
PK	2.485G	69.00	74.00	-5.00	37.57	3	Horizontal	303	2.22	-	28.54	2.89	-
AV	2.4835G	53.61	54.00	-0.39	22.20	3	Horizontal	303	2.22	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

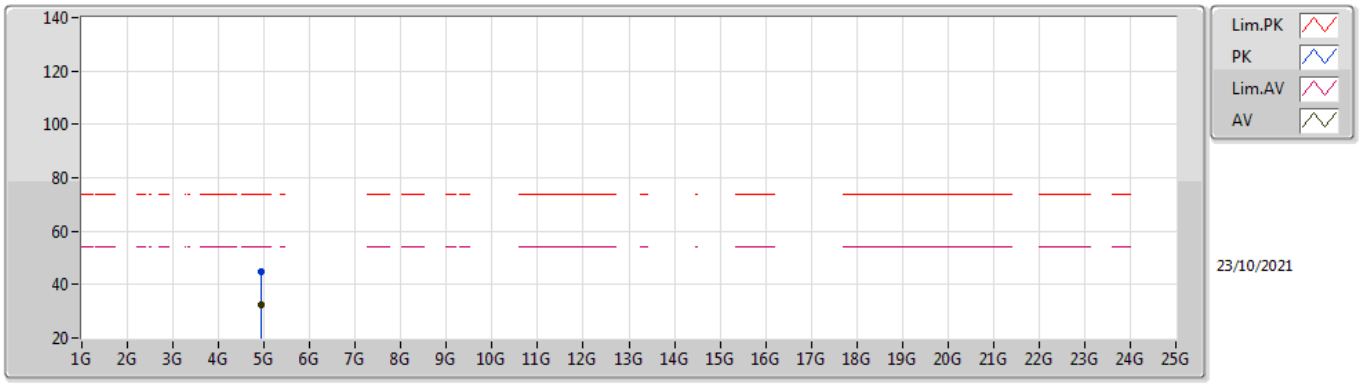


EUT Y_4TX
Setting 78
02-C-E-2

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	4.92316G	46.13	74.00	-27.87	40.08	3	Vertical	0	1.06	-	33.14	5.10	32.19
AV	4.92748G	32.12	54.00	-21.88	26.05	3	Vertical	0	1.06	-	33.16	5.10	32.19

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

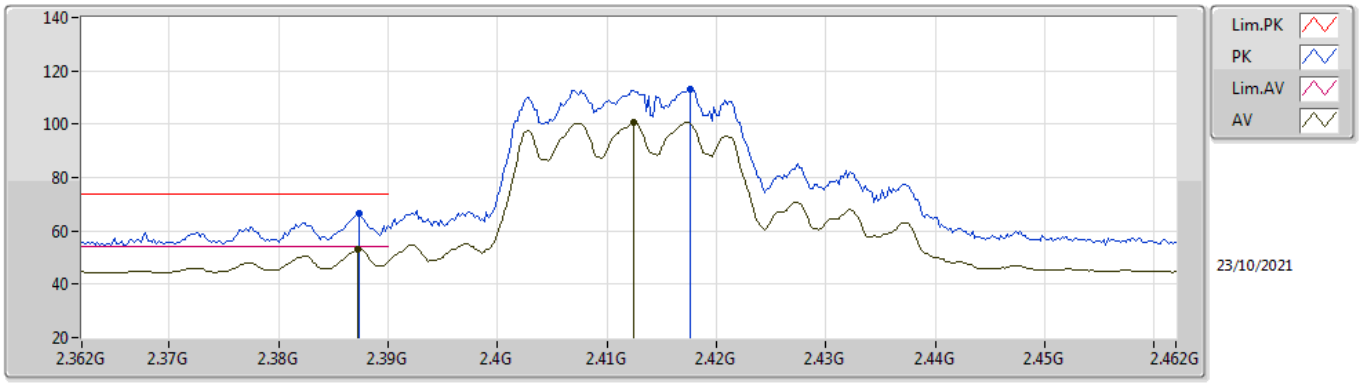


EUT Y_4TX
Setting 78
02-C-E-2

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	4.92292G	44.70	74.00	-29.30	38.65	3	Horizontal	251	2.93	-	33.14	5.10	32.19
AV	4.92516G	32.23	54.00	-21.77	26.17	3	Horizontal	251	2.93	-	33.15	5.10	32.19

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

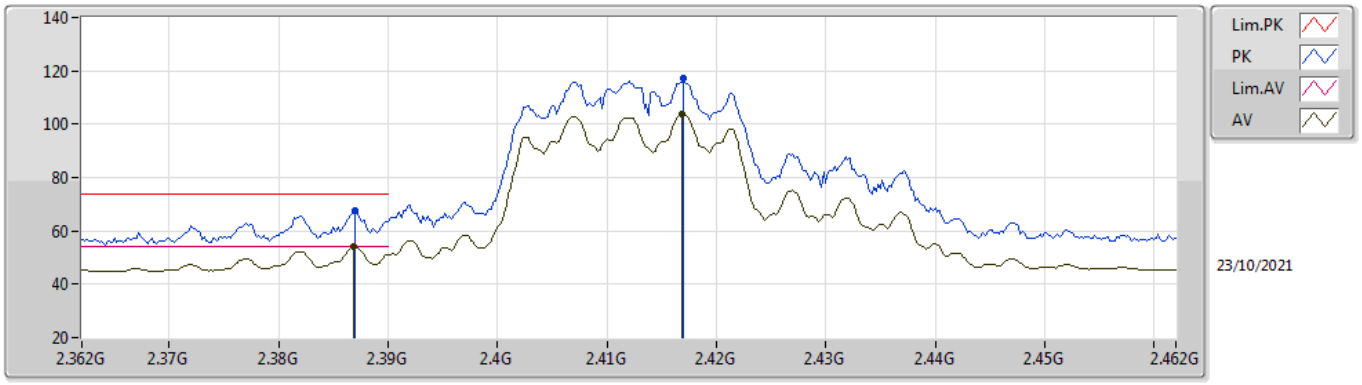


EUT Y_4TX
Setting 76
02-C-E-2

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	2.3874G	66.50	74.00	-7.50	35.34	3	Vertical	130	2.67	-	28.37	2.79	-
AV	2.3872G	53.01	54.00	-0.99	21.85	3	Vertical	130	2.67	-	28.37	2.79	-
PK	2.4176G	113.28	Inf	-Inf	82.06	3	Vertical	130	2.67	-	28.40	2.82	-
AV	2.4124G	100.60	Inf	-Inf	69.39	3	Vertical	130	2.67	-	28.40	2.81	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

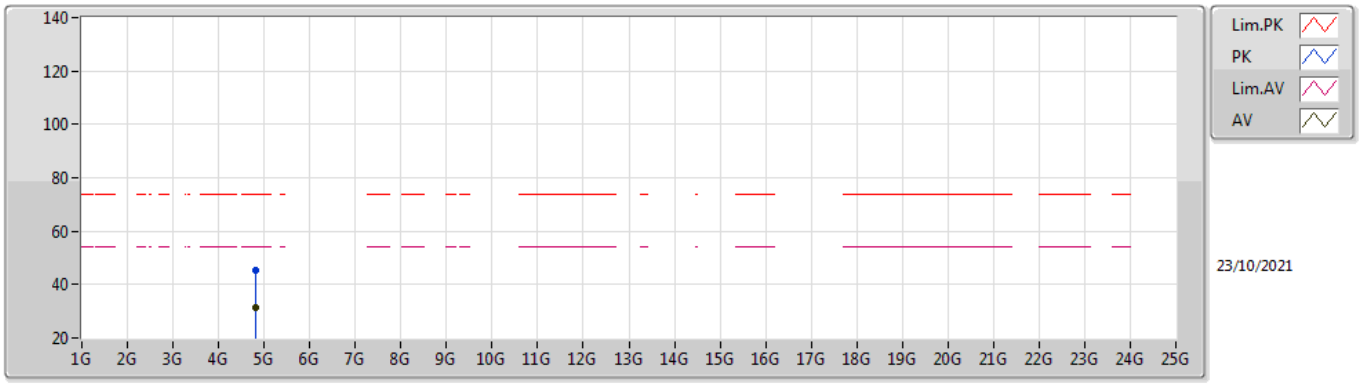


EUT Y_4TX
Setting 76
02-C-E-2

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	2.387G	67.82	74.00	-6.18	36.66	3	Horizontal	43	1.80	-	28.37	2.79	-
AV	2.3868G	53.90	54.00	-0.10	22.74	3	Horizontal	43	1.80	-	28.37	2.79	-
PK	2.417G	117.07	Inf	-Inf	85.85	3	Horizontal	43	1.80	-	28.40	2.82	-
AV	2.4168G	103.77	Inf	-Inf	72.55	3	Horizontal	43	1.80	-	28.40	2.82	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

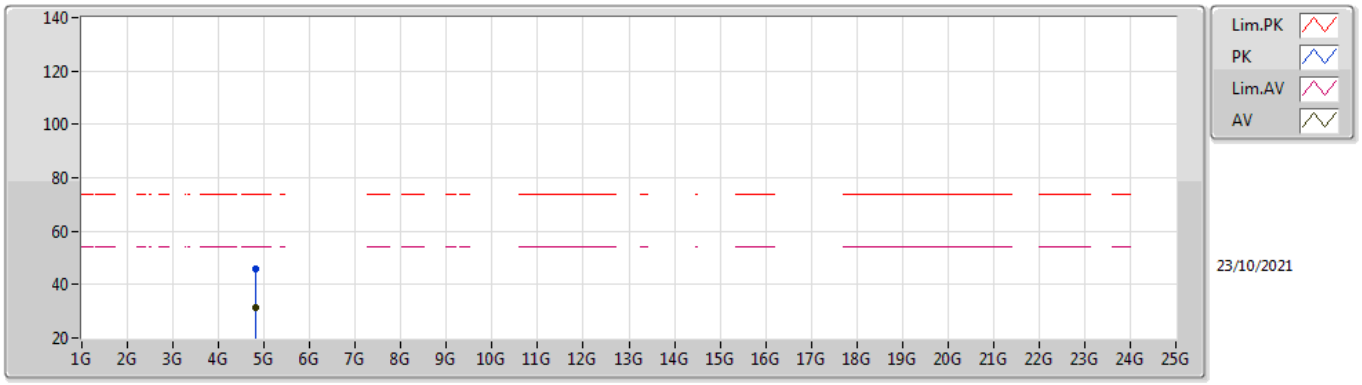


EUT Y_4TX
Setting 76
02-C-E-2

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	4.82388G	45.49	74.00	-28.51	39.81	3	Vertical	142	1.07	-	32.80	5.10	32.22
AV	4.82416G	31.53	54.00	-22.47	25.85	3	Vertical	142	1.07	-	32.80	5.10	32.22

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

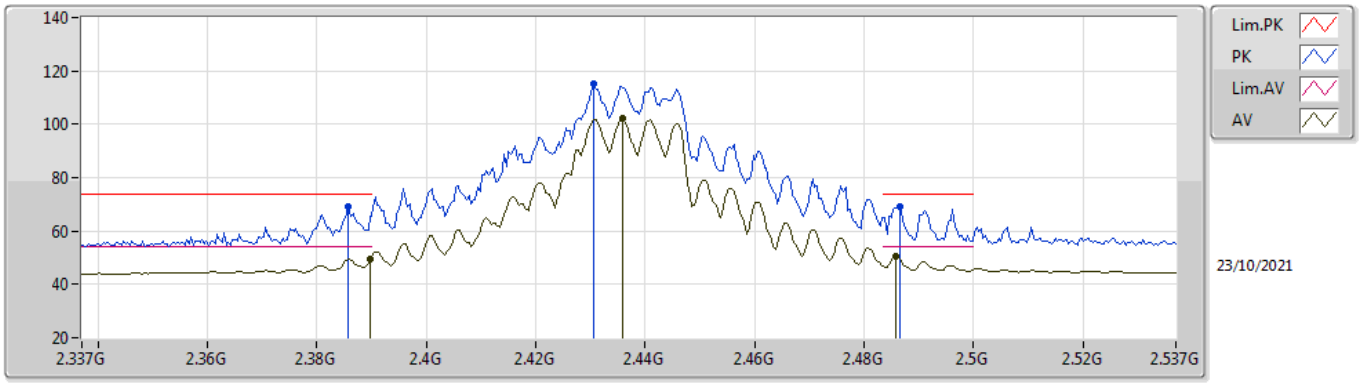


EUT Y_4TX
Setting 76
02-C-E-2

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	4.81828G	45.95	74.00	-28.05	40.31	3	Horizontal	77	1.63	-	32.77	5.10	32.23
AV	4.82416G	31.52	54.00	-22.48	25.84	3	Horizontal	77	1.63	-	32.80	5.10	32.22

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

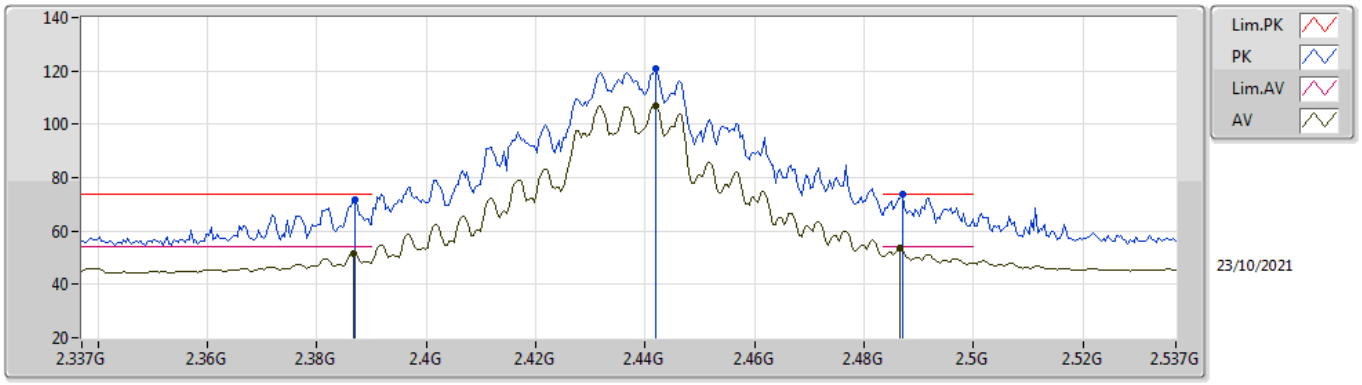


EUT Y_4TX
Setting 84
02-C-E-2

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	2.3858G	69.24	74.00	-4.76	38.08	3	Vertical	104	1.02	-	28.37	2.79	-
AV	2.3898G	49.56	54.00	-4.44	18.39	3	Vertical	104	1.02	-	28.38	2.79	-
PK	2.4306G	115.18	Inf	-Inf	83.95	3	Vertical	104	1.02	-	28.40	2.83	-
AV	2.4358G	102.00	Inf	-Inf	70.76	3	Vertical	104	1.02	-	28.40	2.84	-
PK	2.4866G	69.07	74.00	-4.93	37.63	3	Vertical	104	1.02	-	28.55	2.89	-
AV	2.4858G	50.34	54.00	-3.66	18.91	3	Vertical	104	1.02	-	28.54	2.89	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

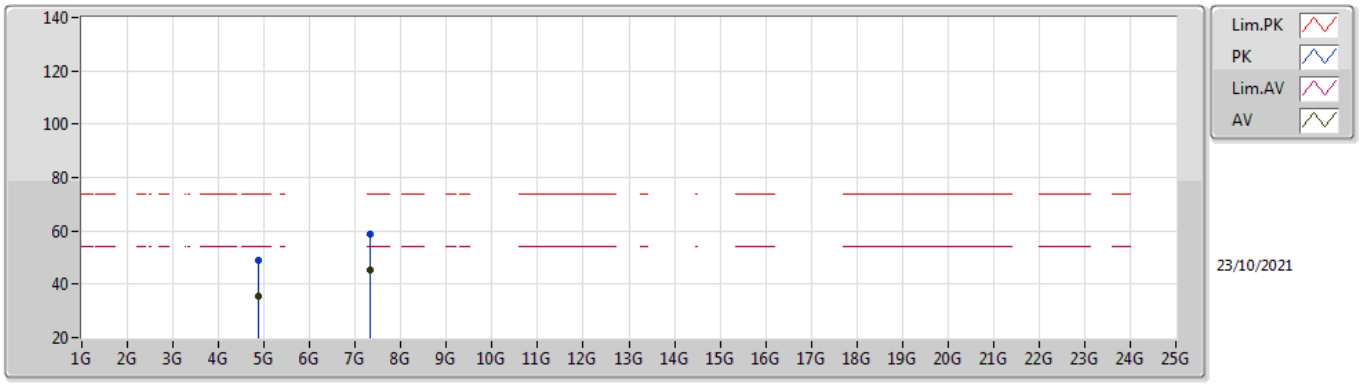


EUT Y_4TX
Setting 84
02-C-E-2

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	2.387G	71.95	74.00	-2.05	40.79	3	Horizontal	309	1.79	-	28.37	2.79	-
AV	2.3866G	51.42	54.00	-2.58	20.26	3	Horizontal	309	1.79	-	28.37	2.79	-
PK	2.4418G	120.89	Inf	-Inf	89.65	3	Horizontal	309	1.79	-	28.40	2.84	-
AV	2.4418G	107.00	Inf	-Inf	75.76	3	Horizontal	309	1.79	-	28.40	2.84	-
PK	2.487G	73.76	74.00	-0.24	42.32	3	Horizontal	309	1.79	-	28.55	2.89	-
AV	2.4866G	53.54	54.00	-0.46	22.10	3	Horizontal	309	1.79	-	28.55	2.89	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

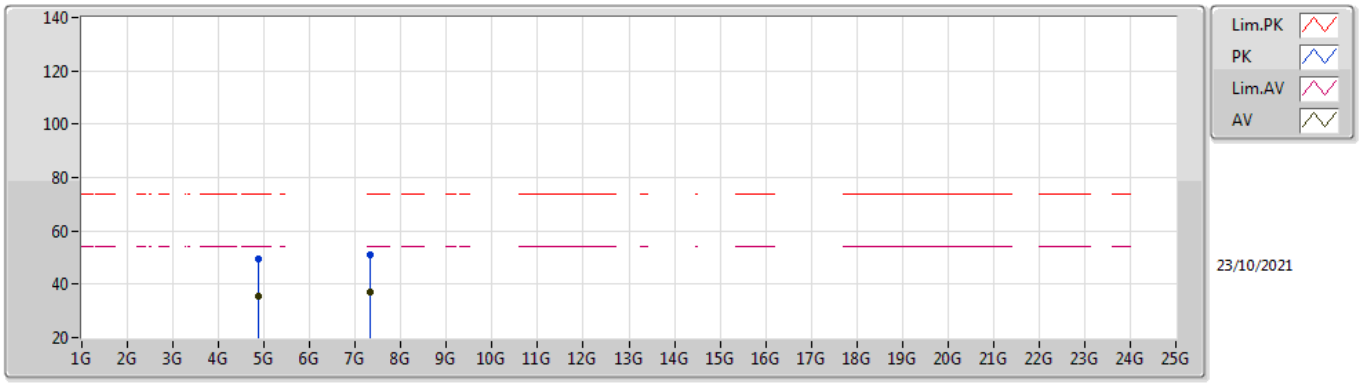


EUT Y_4TX
Setting 84
02-C-E-2

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	4.87284G	48.99	74.00	-25.01	43.15	3	Vertical	351	2.59	-	32.95	5.10	32.21
AV	4.8718G	35.74	54.00	-18.26	29.91	3	Vertical	351	2.59	-	32.94	5.10	32.21
PK	7.31336G	58.90	74.00	-15.10	49.14	3	Vertical	334	2.36	-	36.43	6.16	32.83
AV	7.31064G	45.27	54.00	-8.73	35.51	3	Vertical	334	2.36	-	36.42	6.16	32.82

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

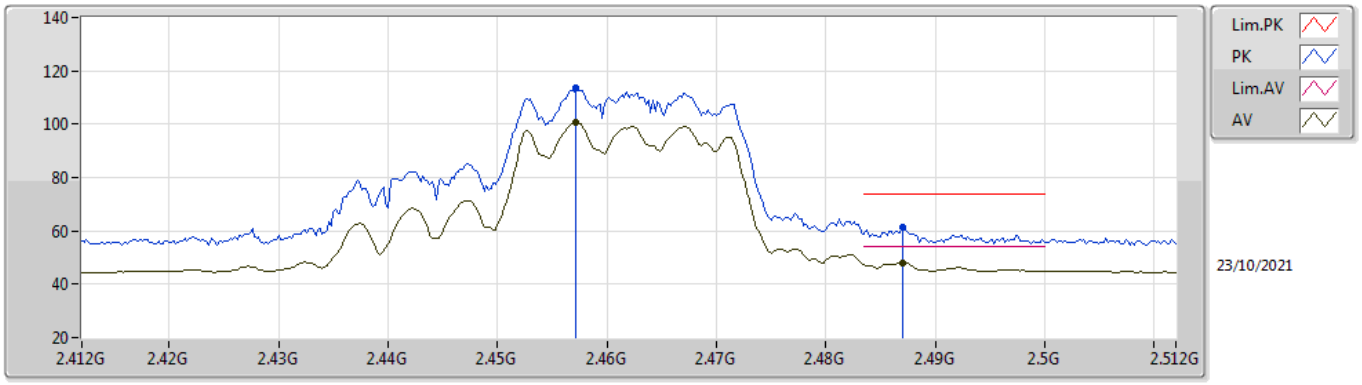


EUT Y_4TX
Setting 84
02-C-E-2

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	4.87272G	49.59	74.00	-24.41	43.75	3	Horizontal	37	2.05	-	32.95	5.10	32.21
AV	4.8734G	35.64	54.00	-18.36	29.80	3	Horizontal	37	2.05	-	32.95	5.10	32.21
PK	7.31672G	50.80	74.00	-23.20	41.04	3	Horizontal	295	1.08	-	36.43	6.16	32.83
AV	7.3132G	36.92	54.00	-17.08	27.15	3	Horizontal	295	1.08	-	36.43	6.16	32.82

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

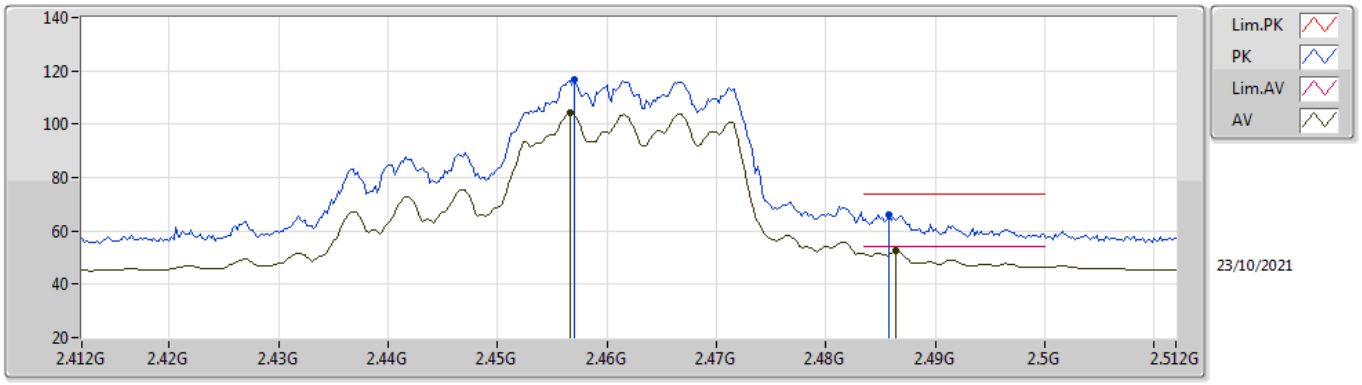


EUT Y_4TX
Setting 75
02-C-E-2

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	2.4572G	113.38	Inf	-Inf	82.09	3	Vertical	128	2.59	-	28.43	2.86	-
AV	2.4572G	100.62	Inf	-Inf	69.33	3	Vertical	128	2.59	-	28.43	2.86	-
PK	2.487G	61.20	74.00	-12.80	29.76	3	Vertical	128	2.59	-	28.55	2.89	-
AV	2.487G	47.97	54.00	-6.03	16.53	3	Vertical	128	2.59	-	28.55	2.89	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

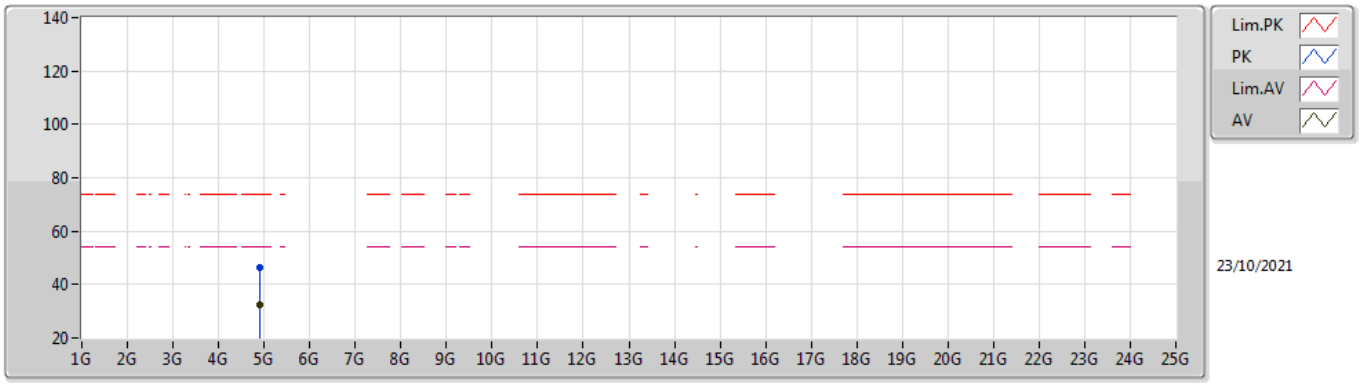


EUT Y_4TX
Setting 75
02-C-E-2

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	2.457G	116.48	Inf	-Inf	85.19	3	Horizontal	312	1.78	-	28.43	2.86	-
AV	2.4566G	104.14	Inf	-Inf	72.85	3	Horizontal	312	1.78	-	28.43	2.86	-
PK	2.4858G	65.91	74.00	-8.09	34.48	3	Horizontal	312	1.78	-	28.54	2.89	-
AV	2.4864G	52.39	54.00	-1.61	20.95	3	Horizontal	312	1.78	-	28.55	2.89	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

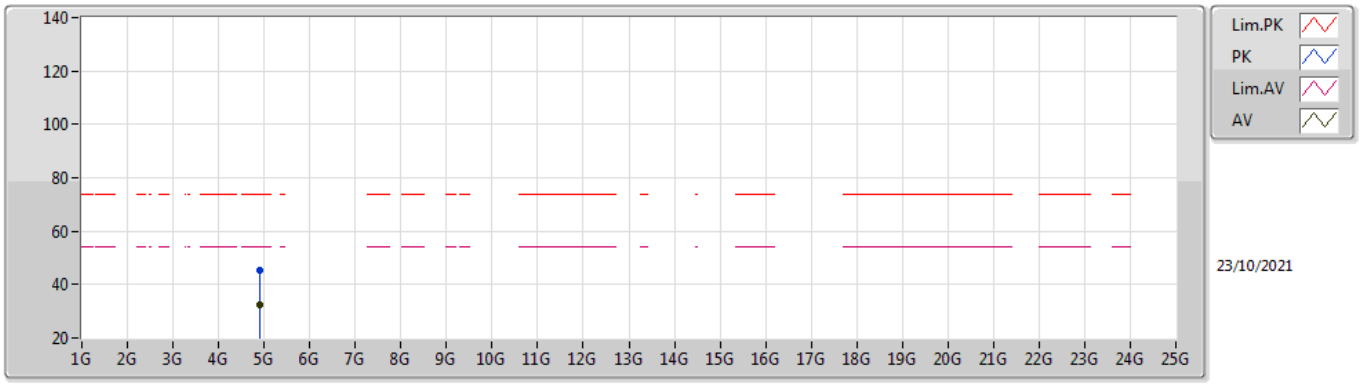


EUT Y_4TX
Setting 75
02-C-E-2

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	4.91564G	46.36	74.00	-27.64	40.36	3	Vertical	204	1.84	-	33.09	5.10	32.19
AV	4.91592G	32.43	54.00	-21.57	26.42	3	Vertical	204	1.84	-	33.10	5.10	32.19

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

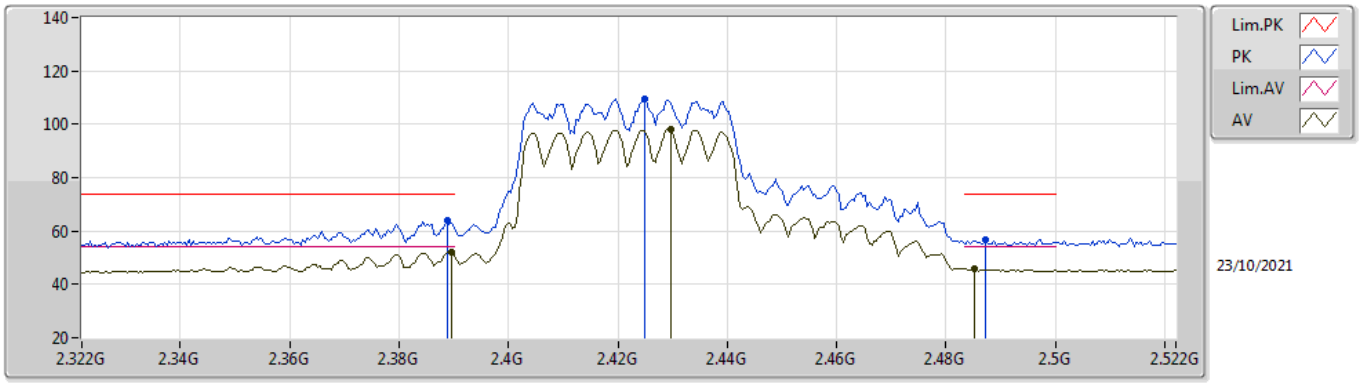


EUT Y_4TX
Setting 75
02-C-E-2

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	4.91472G	45.15	74.00	-28.85	39.15	3	Horizontal	31	1.25	-	33.09	5.10	32.19
AV	4.91636G	32.54	54.00	-21.46	26.53	3	Horizontal	31	1.25	-	33.10	5.10	32.19

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

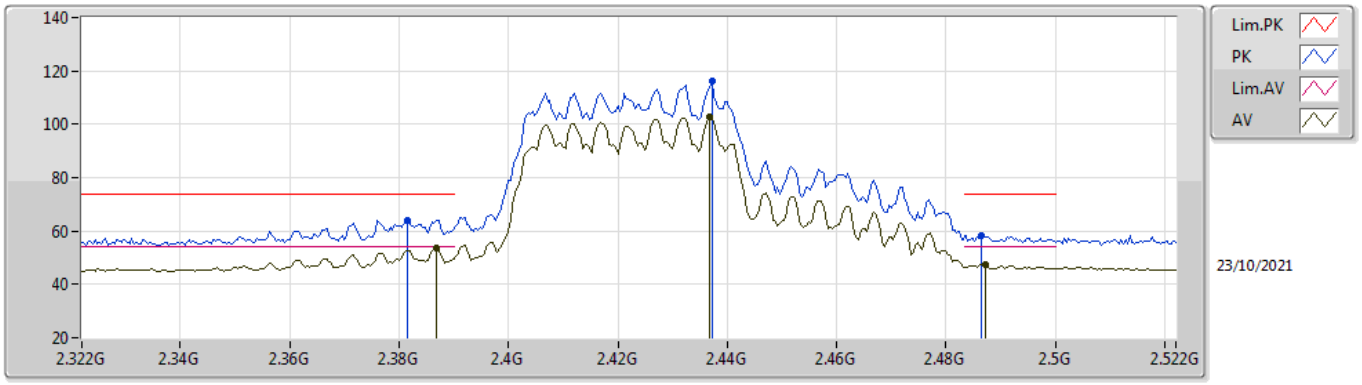


EUT Y_4TX
Setting 71
02-C-E-2

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	2.3888G	64.09	74.00	-9.91	32.92	3	Vertical	114	1.89	-	28.38	2.79	-
AV	2.3896G	52.27	54.00	-1.73	21.10	3	Vertical	114	1.89	-	28.38	2.79	-
PK	2.4248G	109.26	Inf	-Inf	78.04	3	Vertical	114	1.89	-	28.40	2.82	-
AV	2.4296G	98.26	Inf	-Inf	67.03	3	Vertical	114	1.89	-	28.40	2.83	-
PK	2.4872G	56.69	74.00	-17.31	25.25	3	Vertical	114	1.89	-	28.55	2.89	-
AV	2.4852G	45.97	54.00	-8.03	14.54	3	Vertical	114	1.89	-	28.54	2.89	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

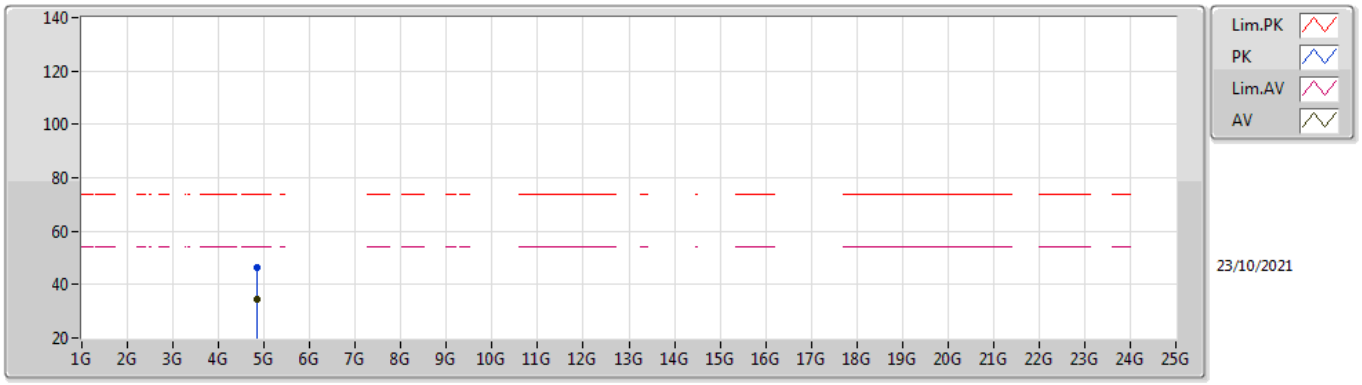


EUT Y_4TX
Setting 71
02-C-E-2

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	2.3816G	64.21	74.00	-9.79	33.06	3	Horizontal	310	1.78	-	28.36	2.79	-
AV	2.3868G	53.46	54.00	-0.54	22.30	3	Horizontal	310	1.78	-	28.37	2.79	-
PK	2.4372G	116.21	Inf	-Inf	84.97	3	Horizontal	310	1.78	-	28.40	2.84	-
AV	2.4368G	102.90	Inf	-Inf	71.66	3	Horizontal	310	1.78	-	28.40	2.84	-
PK	2.4864G	58.45	74.00	-15.55	27.01	3	Horizontal	310	1.78	-	28.55	2.89	-
AV	2.4872G	47.41	54.00	-6.59	15.97	3	Horizontal	310	1.78	-	28.55	2.89	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

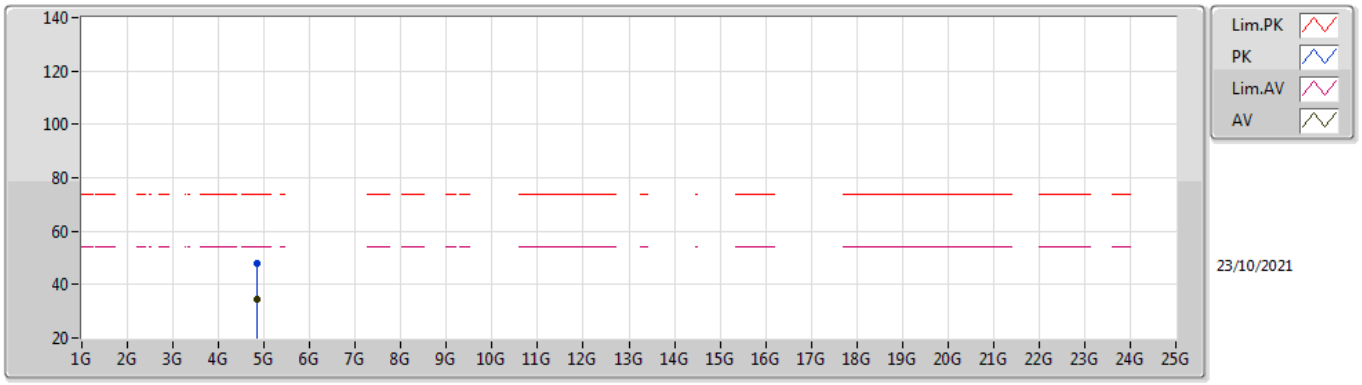


EUT Y_4TX
Setting 71
02-C-E-2

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	4.84272G	46.61	74.00	-27.39	40.86	3	Vertical	63	1.71	-	32.87	5.10	32.22
AV	4.84196G	34.26	54.00	-19.74	28.51	3	Vertical	63	1.71	-	32.87	5.10	32.22

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

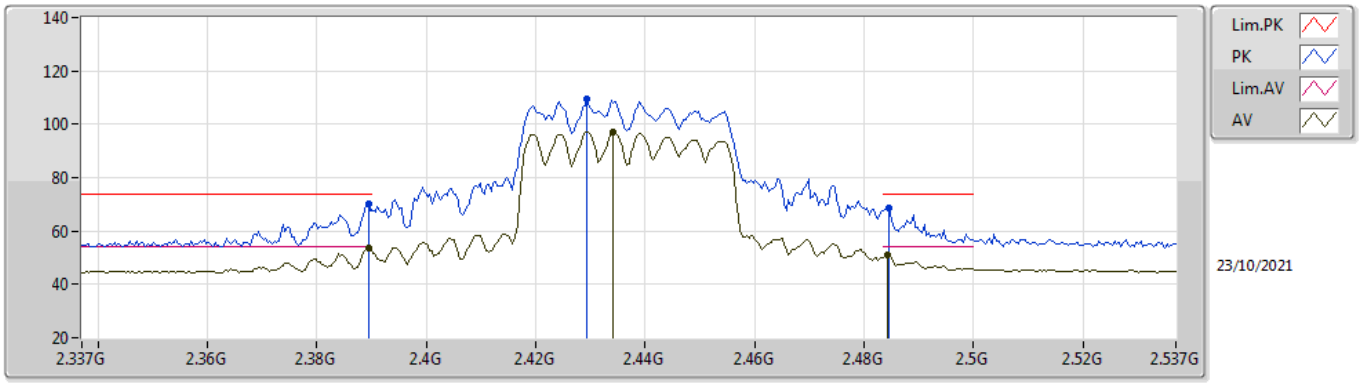


EUT Y_4TX
Setting 71
02-C-E-2

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	4.84888G	47.74	74.00	-26.26	41.95	3	Horizontal	279	1.41	-	32.90	5.10	32.21
AV	4.84448G	34.66	54.00	-19.34	28.90	3	Horizontal	279	1.41	-	32.88	5.10	32.22

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

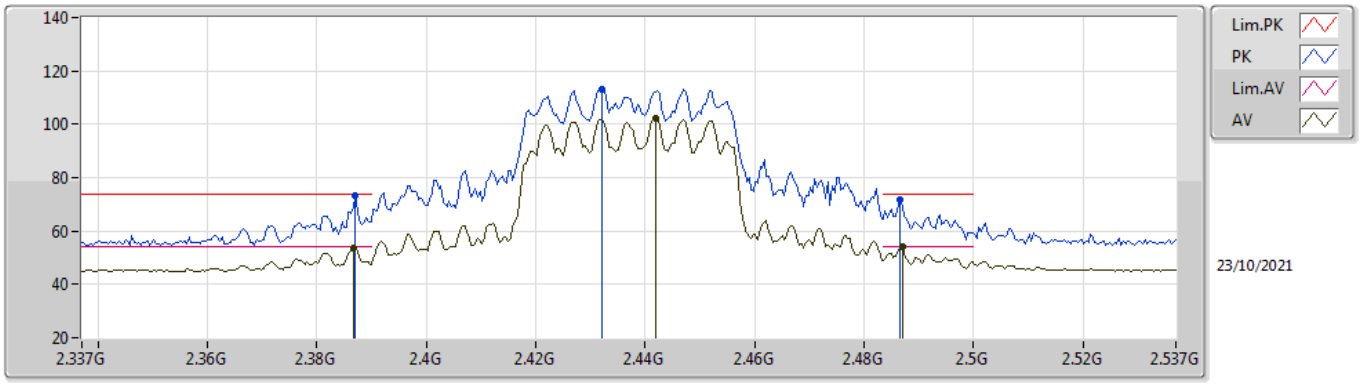


EUT Y_4TX
Setting 66
02-C-E-2

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	70.06	74.00	-3.94	38.89	3	Vertical	115	1.89	-	28.38	2.79	-
AV	2.3894G	53.79	54.00	-0.21	22.62	3	Vertical	115	1.89	-	28.38	2.79	-
PK	2.4294G	109.55	Inf	-Inf	78.32	3	Vertical	115	1.89	-	28.40	2.83	-
AV	2.4342G	97.18	Inf	-Inf	65.95	3	Vertical	115	1.89	-	28.40	2.83	-
PK	2.4846G	68.46	74.00	-5.54	37.04	3	Vertical	115	1.89	-	28.54	2.88	-
AV	2.4842G	51.14	54.00	-2.86	19.72	3	Vertical	115	1.89	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

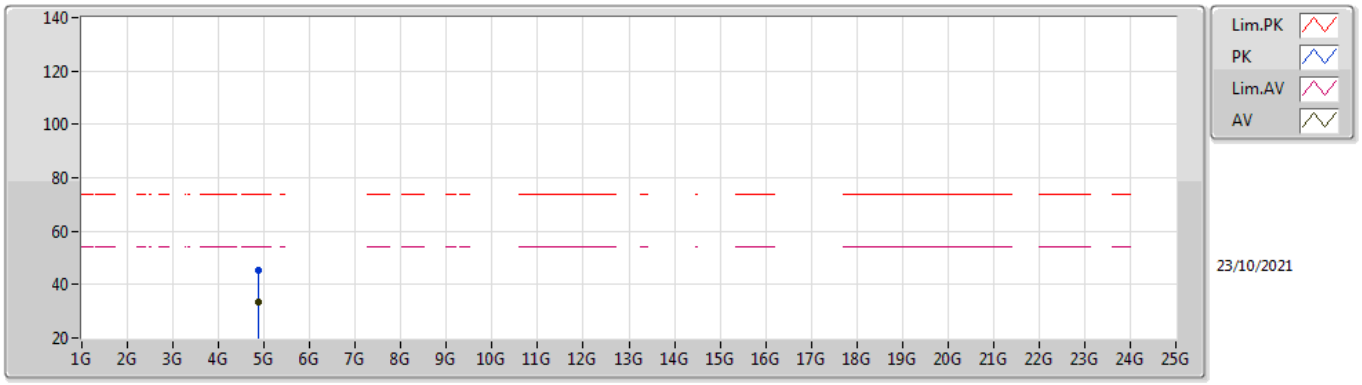


EUT Y_4TX
Setting 66
02-C-E-2

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	2.387G	73.27	74.00	-0.73	42.11	3	Horizontal	309	1.79	-	28.37	2.79	-
AV	2.3866G	53.69	54.00	-0.31	22.53	3	Horizontal	309	1.79	-	28.37	2.79	-
PK	2.4322G	113.13	Inf	-Inf	81.90	3	Horizontal	309	1.79	-	28.40	2.83	-
AV	2.4418G	102.30	Inf	-Inf	71.06	3	Horizontal	309	1.79	-	28.40	2.84	-
PK	2.4866G	71.58	74.00	-2.42	40.14	3	Horizontal	309	1.79	-	28.55	2.89	-
AV	2.487G	53.94	54.00	-0.06	22.50	3	Horizontal	309	1.79	-	28.55	2.89	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

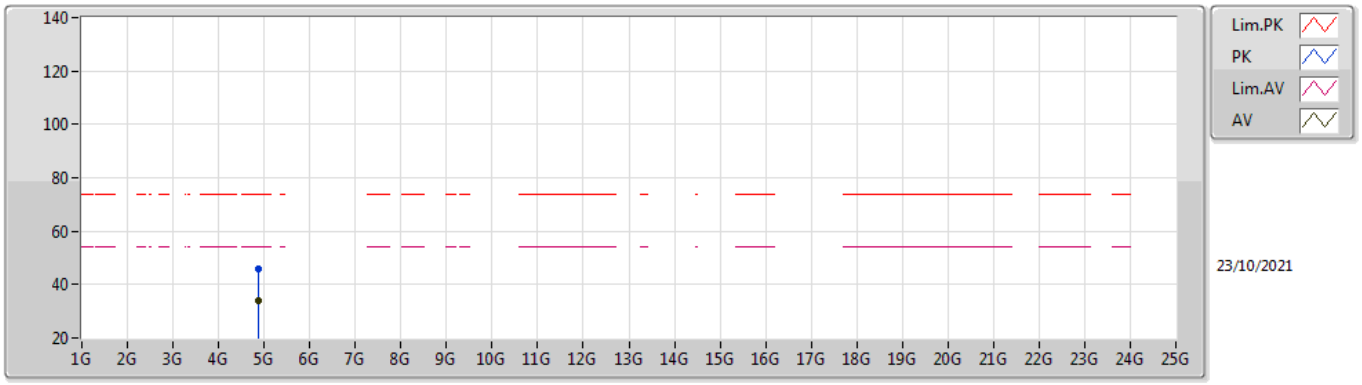


EUT Y_4TX
Setting 66
02-C-E-2

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	4.8814G	45.24	74.00	-28.76	39.38	3	Vertical	2	2.71	-	32.96	5.10	32.20
AV	4.8838G	33.43	54.00	-20.57	27.56	3	Vertical	2	2.71	-	32.97	5.10	32.20

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

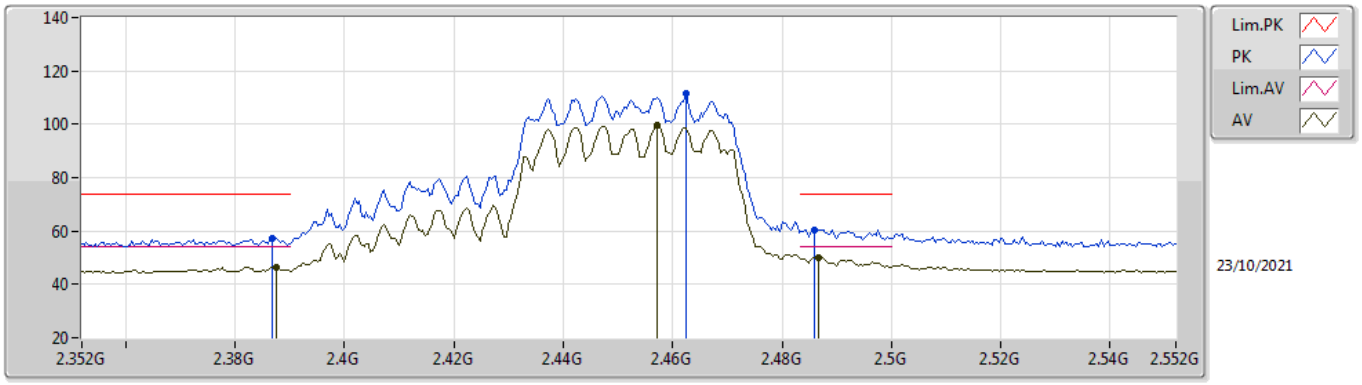


EUT Y_4TX
Setting 66
02-C-E-2

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	4.8734G	45.95	74.00	-28.05	40.11	3	Horizontal	58	2.09	-	32.95	5.10	32.21
AV	4.88352G	33.90	54.00	-20.10	28.03	3	Horizontal	58	2.09	-	32.97	5.10	32.20

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

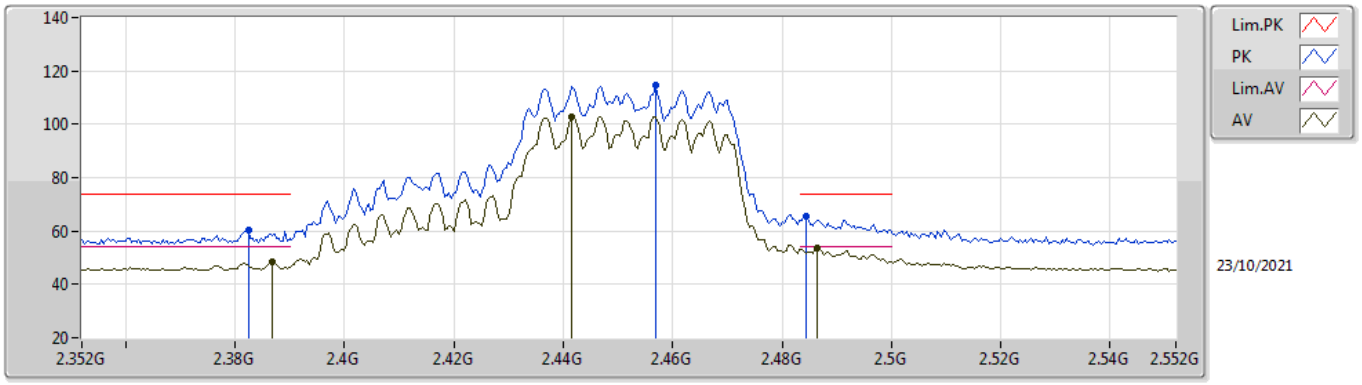


EUT Y_4TX
Setting 71
02-C-E-2

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	2.3868G	57.43	74.00	-16.57	26.27	3	Vertical	129	2.59	-	28.37	2.79	-
AV	2.3876G	46.53	54.00	-7.47	15.36	3	Vertical	129	2.59	-	28.38	2.79	-
PK	2.4624G	111.75	Inf	-Inf	80.44	3	Vertical	129	2.59	-	28.45	2.86	-
AV	2.4572G	99.64	Inf	-Inf	68.35	3	Vertical	129	2.59	-	28.43	2.86	-
PK	2.486G	60.55	74.00	-13.45	29.12	3	Vertical	129	2.59	-	28.54	2.89	-
AV	2.4868G	50.18	54.00	-3.82	18.74	3	Vertical	129	2.59	-	28.55	2.89	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

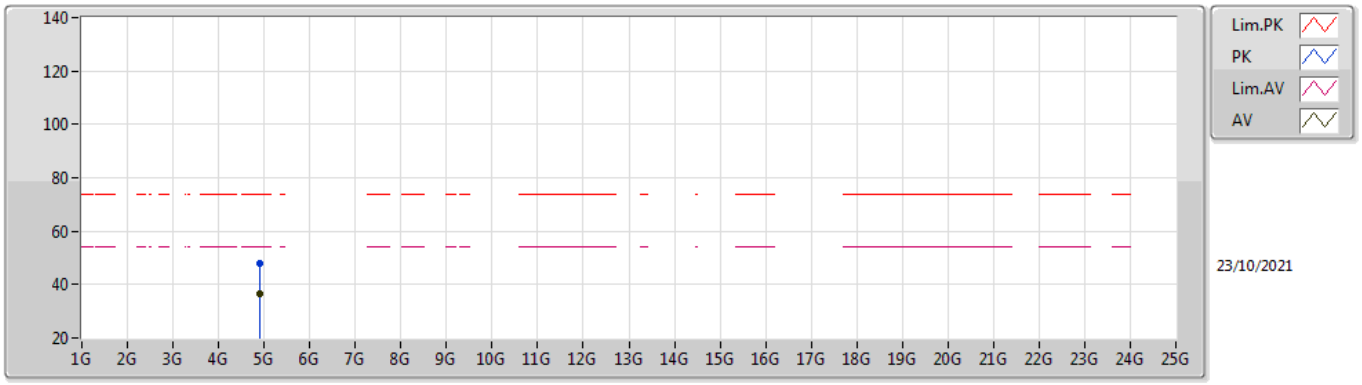


EUT Y_4TX
Setting 71
02-C-E-2

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	2.3824G	60.53	74.00	-13.47	29.38	3	Horizontal	308	1.80	-	28.36	2.79	-
AV	2.3868G	48.40	54.00	-5.60	17.24	3	Horizontal	308	1.80	-	28.37	2.79	-
PK	2.4568G	114.62	Inf	-Inf	83.33	3	Horizontal	308	1.80	-	28.43	2.86	-
AV	2.4416G	102.90	Inf	-Inf	71.66	3	Horizontal	308	1.80	-	28.40	2.84	-
PK	2.4844G	65.53	74.00	-8.47	34.11	3	Horizontal	308	1.80	-	28.54	2.88	-
AV	2.4864G	53.83	54.00	-0.17	22.39	3	Horizontal	308	1.80	-	28.55	2.89	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

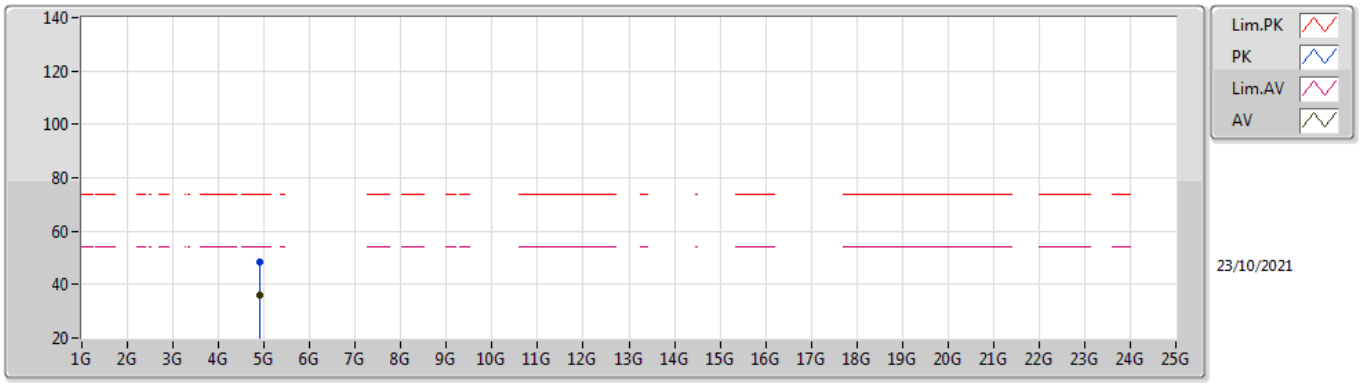


EUT Y_4TX
Setting 71
02-C-E-2

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	4.9126G	47.91	74.00	-26.09	41.92	3	Vertical	347	2.93	-	33.08	5.10	32.19
AV	4.91308G	36.32	54.00	-17.68	30.33	3	Vertical	347	2.93	-	33.08	5.10	32.19

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX



EUT Y_4TX
Setting 71
02-C-E-2

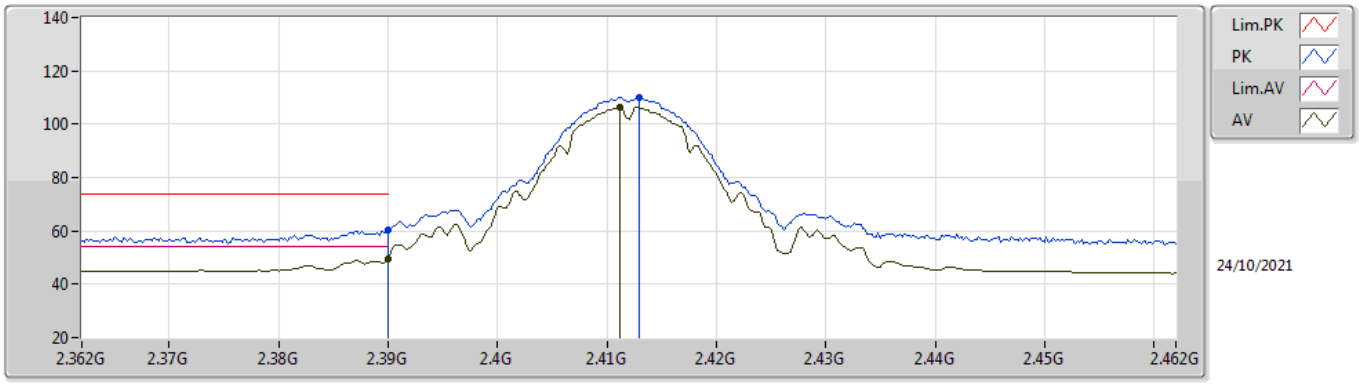
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.89532G	48.51	74.00	-25.49	42.62	3	Horizontal	59	1.80	-	32.99	5.10	32.20
AV	4.90004G	36.26	54.00	-17.74	30.36	3	Horizontal	59	1.80	-	33.00	5.10	32.20

For Scaning radio 4 / Ant. 13~Ant. 14 / non beamforming
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	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.82394G	53.99	54.00	-0.01	3	Horizontal	12	2.97	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

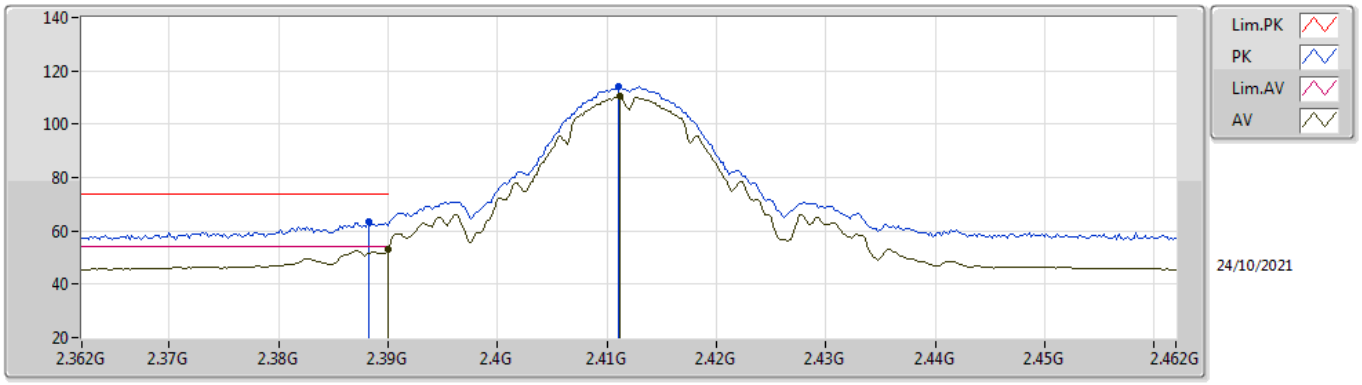


EUT Y_1TX
Setting 86
02-C-K-5

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	60.11	74.00	-13.89	28.94	3	Vertical	11	2.68	-	28.38	2.79	-
AV	2.39G	49.71	54.00	-4.29	18.54	3	Vertical	11	2.68	-	28.38	2.79	-
PK	2.413G	110.19	Inf	-Inf	78.98	3	Vertical	11	2.68	-	28.40	2.81	-
AV	2.4112G	106.45	Inf	-Inf	75.24	3	Vertical	11	2.68	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

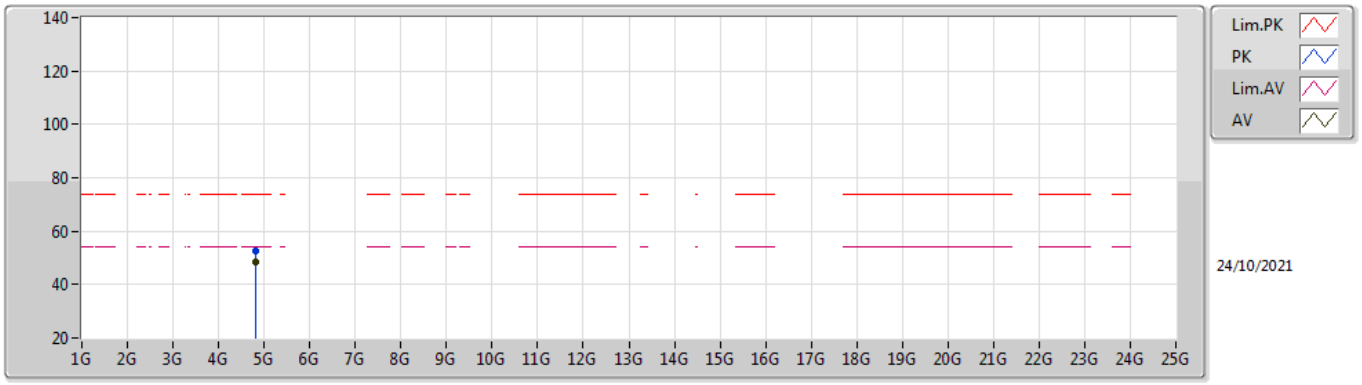


EUT Y_1TX
Setting 86
02-C-K-5

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	2.3882G	63.25	74.00	-10.75	32.08	3	Horizontal	40	2.48	-	28.38	2.79	-
AV	2.39G	53.14	54.00	-0.86	21.97	3	Horizontal	40	2.48	-	28.38	2.79	-
PK	2.411G	114.11	Inf	-Inf	82.90	3	Horizontal	40	2.48	-	28.40	2.81	-
AV	2.4112G	110.27	Inf	-Inf	79.06	3	Horizontal	40	2.48	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

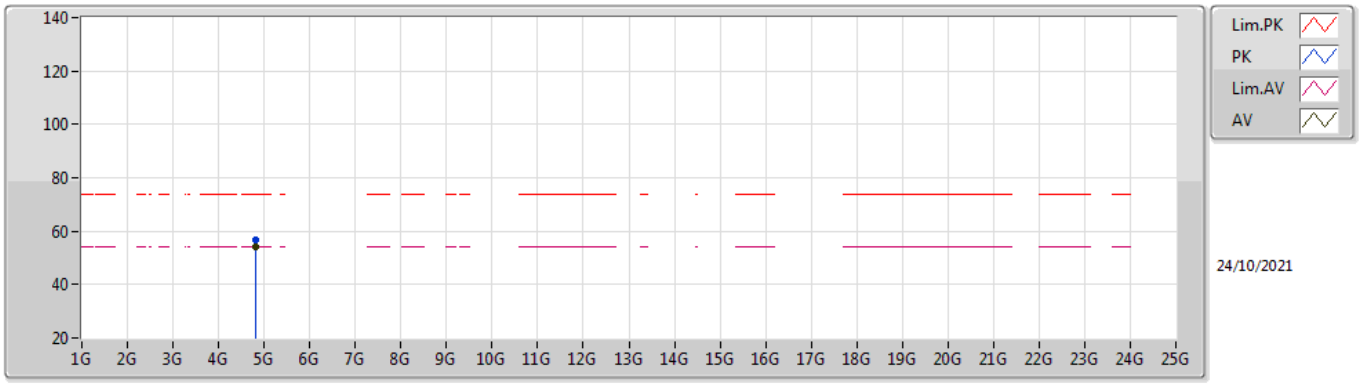


EUT Y_1TX
Setting 86
02-C-K-5

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	4.82394G	52.43	74.00	-21.57	46.75	3	Vertical	302	2.42	-	32.80	5.10	32.22
AV	4.82393G	48.30	54.00	-5.70	42.62	3	Vertical	302	2.42	-	32.80	5.10	32.22

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

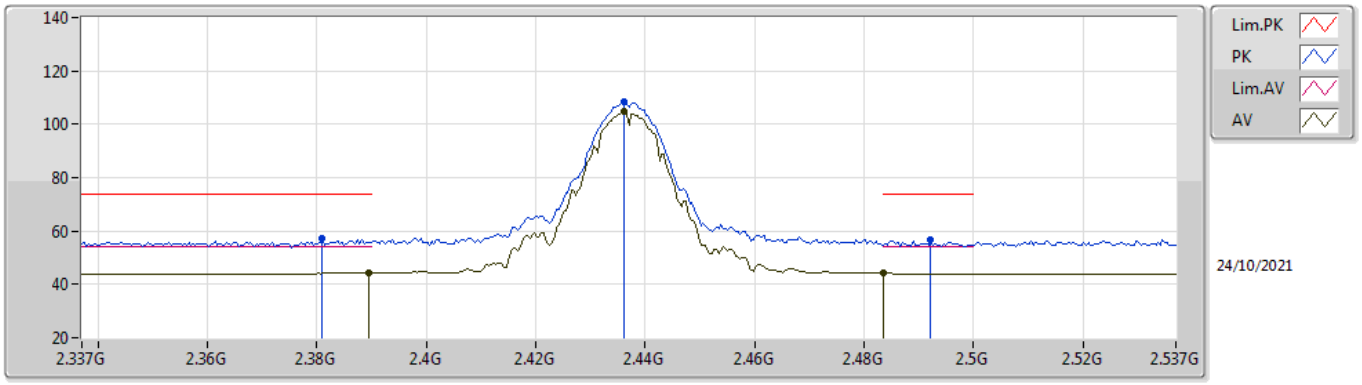


EUT Y_1TX
Setting 86
02-C-K-5

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	4.824G	56.66	74.00	-17.34	50.98	3	Horizontal	12	2.97	-	32.80	5.10	32.22
AV	4.82394G	53.99	54.00	-0.01	48.31	3	Horizontal	12	2.97	-	32.80	5.10	32.22

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

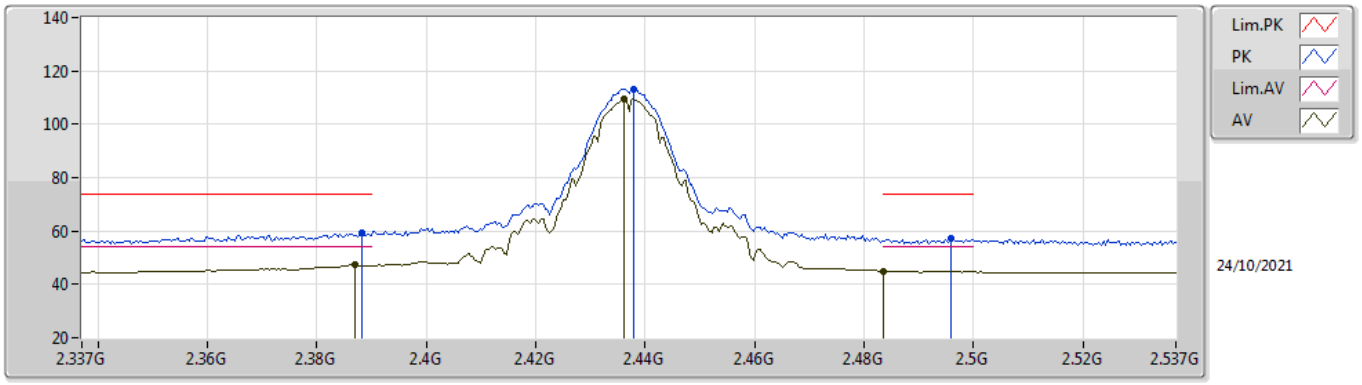


EUT Y_1TX
Setting 87
02-C-K-5

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	2.381G	57.48	74.00	-16.52	26.33	3	Vertical	257	1.76	-	28.36	2.79	-
AV	2.3894G	44.48	54.00	-9.52	13.31	3	Vertical	257	1.76	-	28.38	2.79	-
PK	2.4362G	108.29	Inf	-Inf	77.05	3	Vertical	257	1.76	-	28.40	2.84	-
AV	2.4362G	104.61	Inf	-Inf	73.37	3	Vertical	257	1.76	-	28.40	2.84	-
PK	2.4922G	56.96	74.00	-17.04	25.50	3	Vertical	257	1.76	-	28.57	2.89	-
AV	2.4835G	44.13	54.00	-9.87	12.72	3	Vertical	257	1.76	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

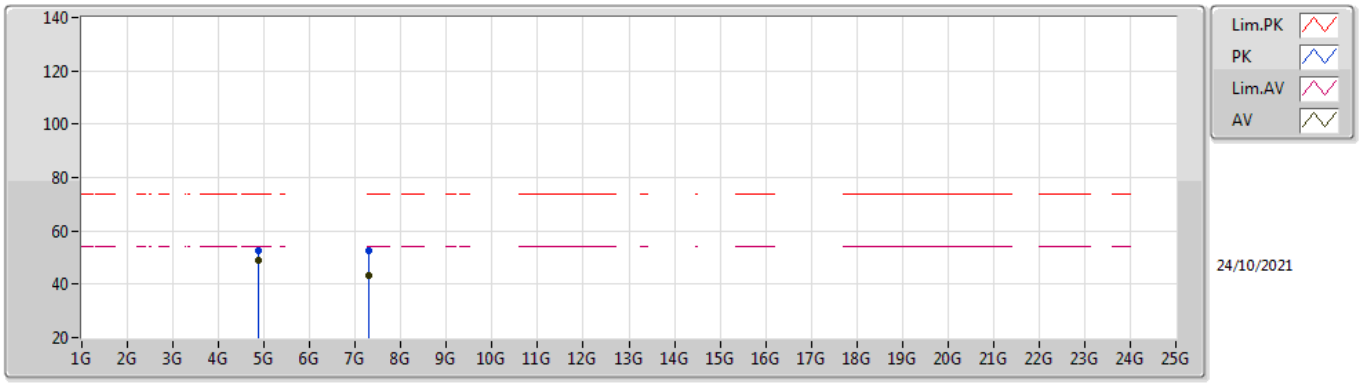


EUT Y_1TX
Setting 87
02-C-K-5

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	2.3882G	59.43	74.00	-14.57	28.26	3	Horizontal	40	2.28	-	28.38	2.79	-
AV	2.387G	47.22	54.00	-6.78	16.06	3	Horizontal	40	2.28	-	28.37	2.79	-
PK	2.4378G	113.31	Inf	-Inf	82.07	3	Horizontal	40	2.28	-	28.40	2.84	-
AV	2.4362G	109.53	Inf	-Inf	78.29	3	Horizontal	40	2.28	-	28.40	2.84	-
PK	2.4958G	57.10	74.00	-16.90	25.62	3	Horizontal	40	2.28	-	28.58	2.90	-
AV	2.4835G	45.05	54.00	-8.95	13.64	3	Horizontal	40	2.28	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

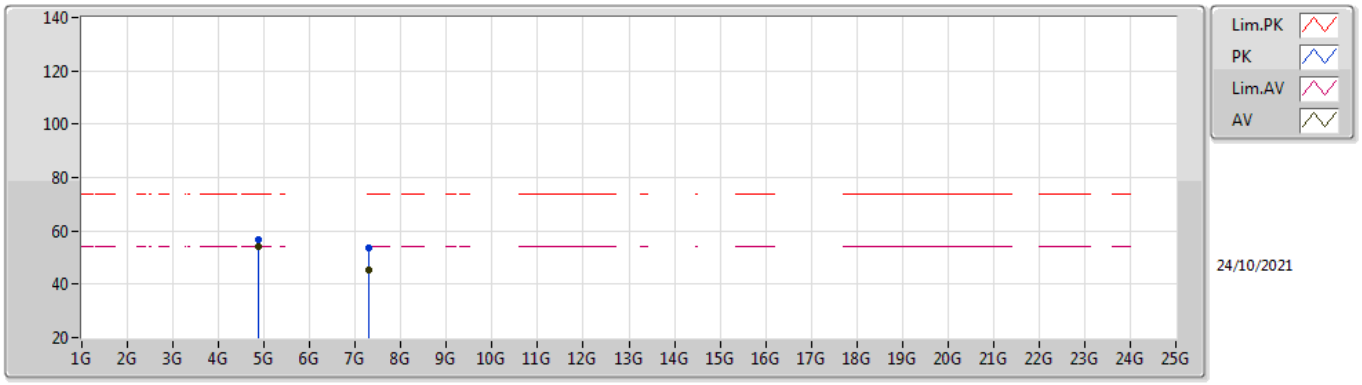


EUT Y_1TX
Setting 87
02-C-K-5

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	4.87402G	52.59	74.00	-21.41	46.75	3	Vertical	292	2.14	-	32.95	5.10	32.21
AV	4.87394G	48.86	54.00	-5.14	43.02	3	Vertical	292	2.14	-	32.95	5.10	32.21
PK	7.30952G	52.62	74.00	-21.38	42.87	3	Vertical	18	1.26	-	36.42	6.15	32.82
AV	7.3102G	43.42	54.00	-10.58	33.66	3	Vertical	18	1.26	-	36.42	6.16	32.82

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

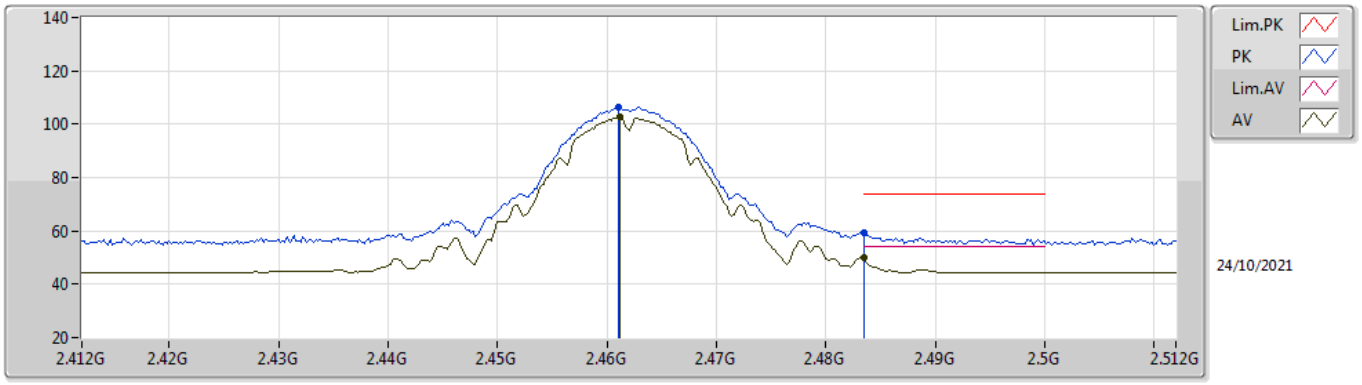


EUT Y_1TX
Setting 87
02-C-K-5

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	4.8739G	56.49	74.00	-17.51	50.65	3	Horizontal	0	1.19	-	32.95	5.10	32.21
AV	4.87392G	53.96	54.00	-0.04	48.12	3	Horizontal	0	1.19	-	32.95	5.10	32.21
PK	7.31G	53.87	74.00	-20.13	44.12	3	Horizontal	313	1.61	-	36.42	6.15	32.82
AV	7.31018G	45.49	54.00	-8.51	35.73	3	Horizontal	313	1.61	-	36.42	6.16	32.82

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

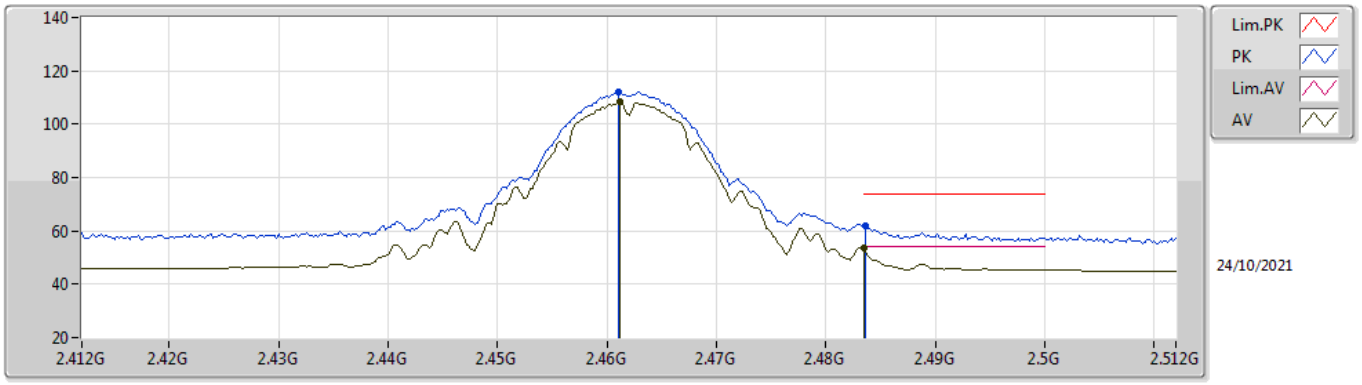


EUT Y_1TX
Setting 83
02-C-K-5

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	2.461G	106.35	Inf	-Inf	75.05	3	Vertical	27	1.76	-	28.44	2.86	-
AV	2.4612G	102.67	Inf	-Inf	71.37	3	Vertical	27	1.76	-	28.44	2.86	-
PK	2.4835G	59.18	74.00	-14.82	27.77	3	Vertical	27	1.76	-	28.53	2.88	-
AV	2.4835G	49.85	54.00	-4.15	18.44	3	Vertical	27	1.76	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

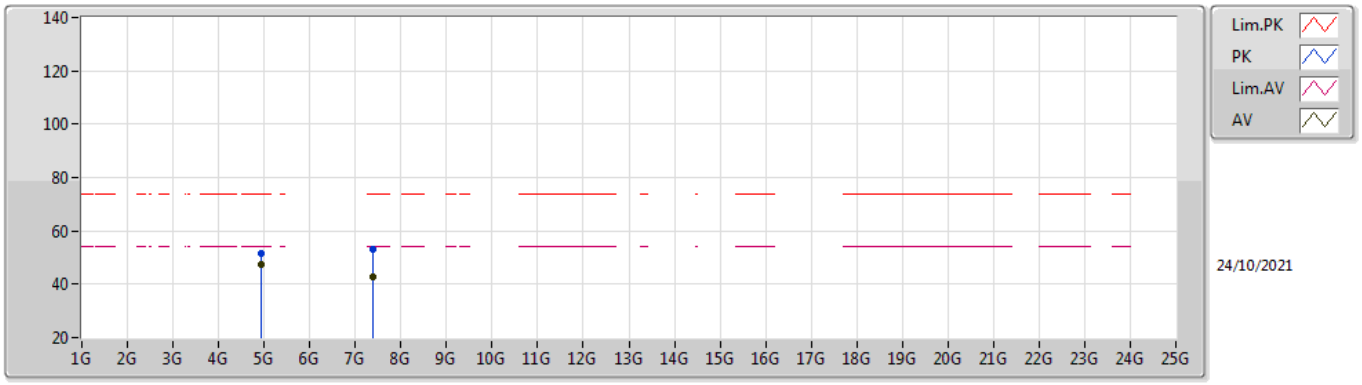


EUT Y_1TX
Setting 83
02-C-K-5

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	2.461G	111.93	Inf	-Inf	80.63	3	Horizontal	36	2.45	-	28.44	2.86	-
AV	2.4612G	108.20	Inf	-Inf	76.90	3	Horizontal	36	2.45	-	28.44	2.86	-
PK	2.4836G	62.13	74.00	-11.87	30.72	3	Horizontal	36	2.45	-	28.53	2.88	-
AV	2.4835G	53.76	54.00	-0.24	22.35	3	Horizontal	36	2.45	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

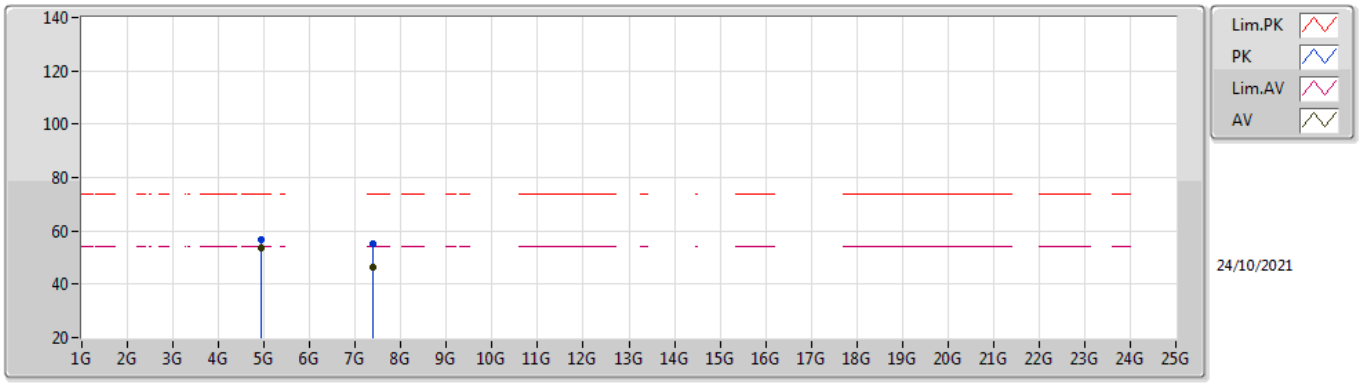


EUT Y_1TX
Setting 83
02-C-K-5

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	4.92392G	51.70	74.00	-22.30	45.65	3	Vertical	297	2.82	-	33.14	5.10	32.19
AV	4.92396G	47.30	54.00	-6.70	41.25	3	Vertical	297	2.82	-	33.14	5.10	32.19
PK	7.3849G	53.09	74.00	-20.91	43.28	3	Vertical	0	1.21	-	36.57	6.19	32.95
AV	7.38422G	42.83	54.00	-11.17	33.02	3	Vertical	0	1.21	-	36.57	6.19	32.95

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

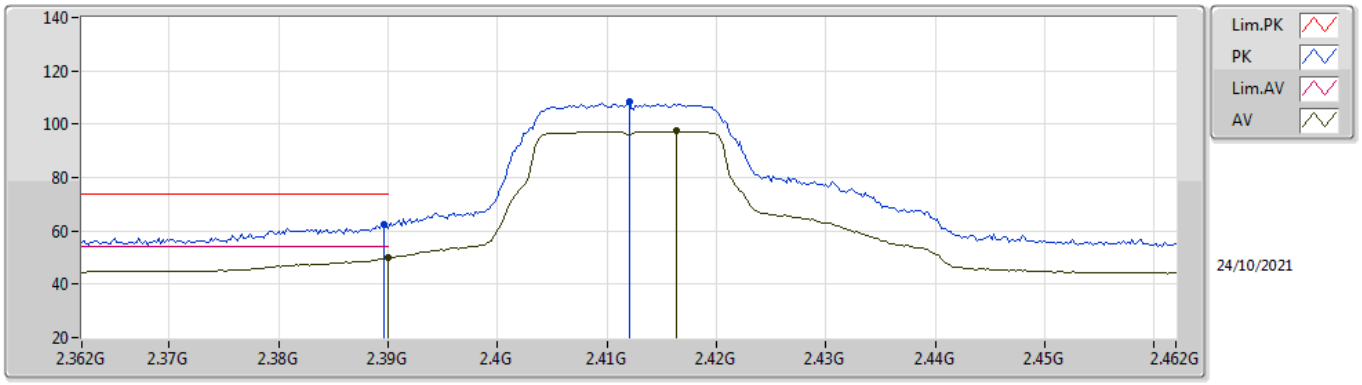


EUT Y_1TX
Setting 83
02-C-K-5

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	4.92395G	56.81	74.00	-17.19	50.76	3	Horizontal	9	3.00	-	33.14	5.10	32.19
AV	4.92394G	53.84	54.00	-0.16	47.79	3	Horizontal	9	3.00	-	33.14	5.10	32.19
PK	7.38688G	54.95	74.00	-19.05	45.14	3	Horizontal	71	2.57	-	36.57	6.19	32.95
AV	7.38716G	46.39	54.00	-7.61	36.58	3	Horizontal	71	2.57	-	36.57	6.19	32.95

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

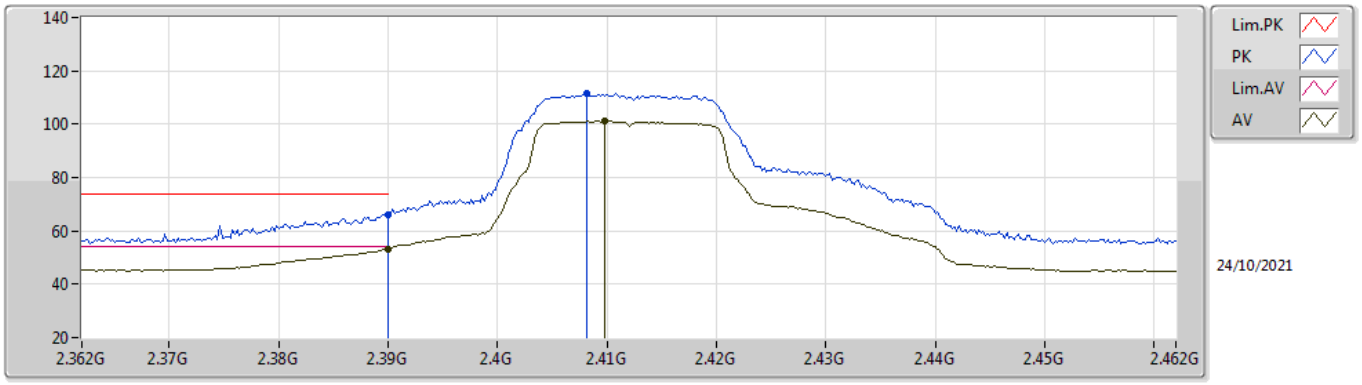


EUT Y_1TX
Setting 76
02-C-K-5

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	2.3896G	62.47	74.00	-11.53	31.30	3	Vertical	12	2.69	-	28.38	2.79	-
AV	2.39G	50.04	54.00	-3.96	18.87	3	Vertical	12	2.69	-	28.38	2.79	-
PK	2.412G	108.27	Inf	-Inf	77.06	3	Vertical	12	2.69	-	28.40	2.81	-
AV	2.4164G	97.41	Inf	-Inf	66.19	3	Vertical	12	2.69	-	28.40	2.82	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

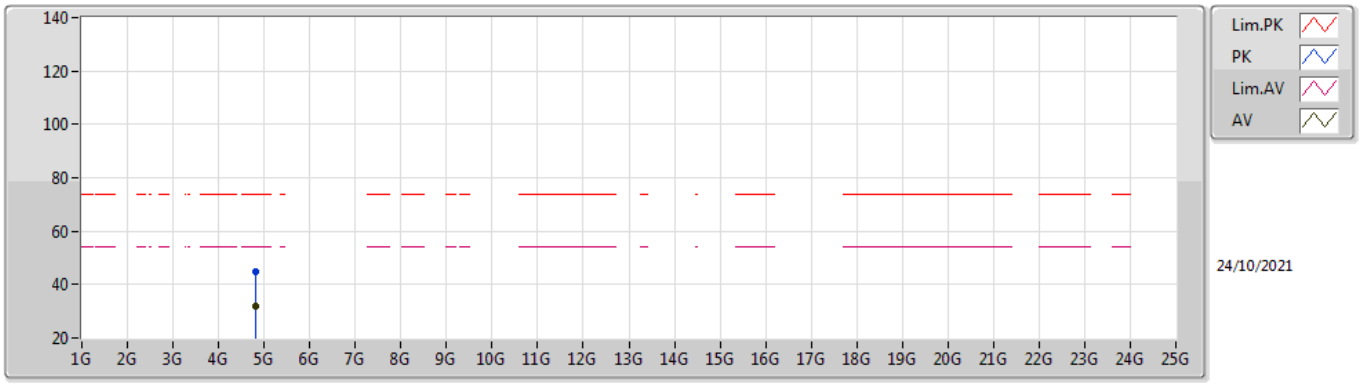


EUT Y_1TX
Setting 76
02-C-K-5

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	66.20	74.00	-7.80	35.03	3	Horizontal	344	2.38	-	28.38	2.79	-
AV	2.39G	53.31	54.00	-0.69	22.14	3	Horizontal	344	2.38	-	28.38	2.79	-
PK	2.4082G	111.62	Inf	-Inf	80.41	3	Horizontal	344	2.38	-	28.40	2.81	-
AV	2.4098G	101.30	Inf	-Inf	70.09	3	Horizontal	344	2.38	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

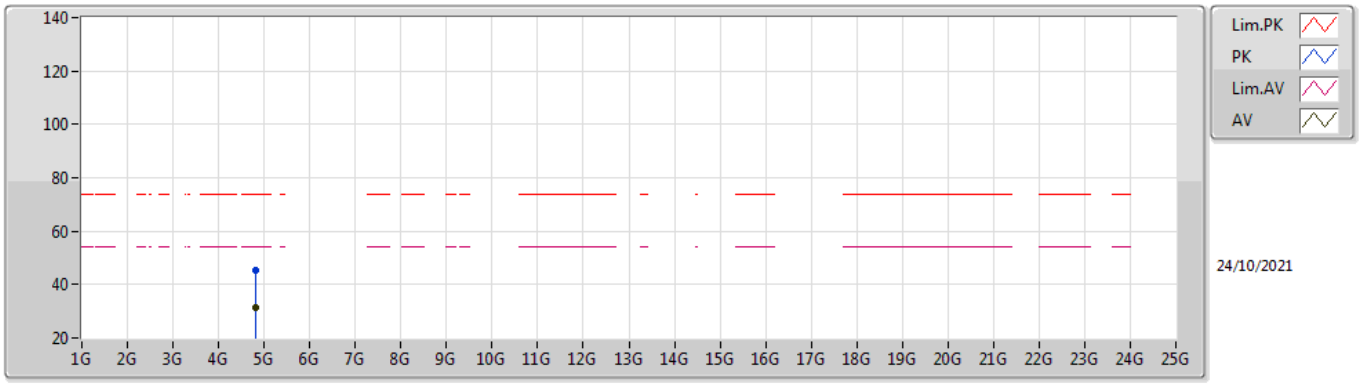


EUT Y_1TX
Setting 76
02-C-K-5

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	4.82596G	44.70	74.00	-29.30	39.02	3	Vertical	63	1.53	-	32.80	5.10	32.22
AV	4.82584G	31.67	54.00	-22.33	25.99	3	Vertical	63	1.53	-	32.80	5.10	32.22

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

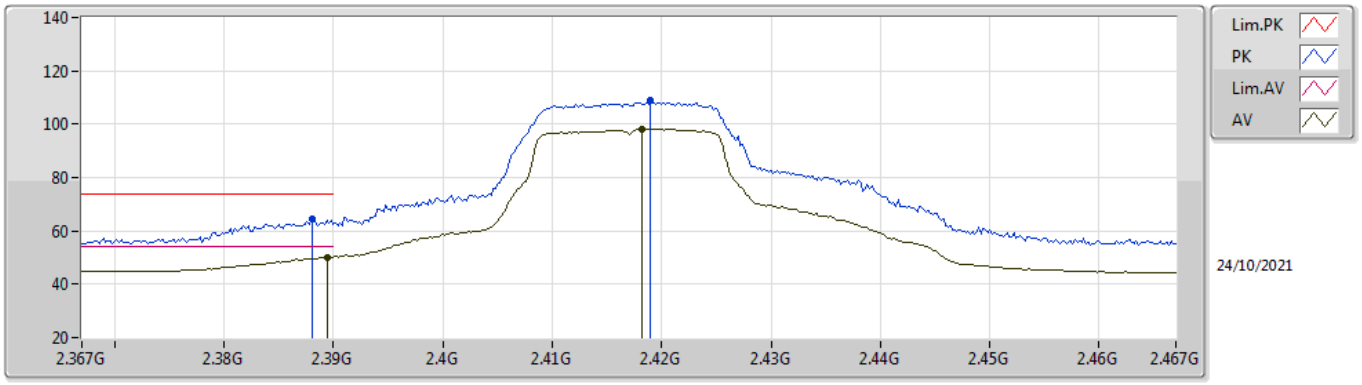


EUT Y_1TX
Setting 76
02-C-K-5

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	4.8246G	45.53	74.00	-28.47	39.85	3	Horizontal	223	1.11	-	32.80	5.10	32.22
AV	4.8223G	31.63	54.00	-22.37	25.96	3	Horizontal	223	1.11	-	32.79	5.10	32.22

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

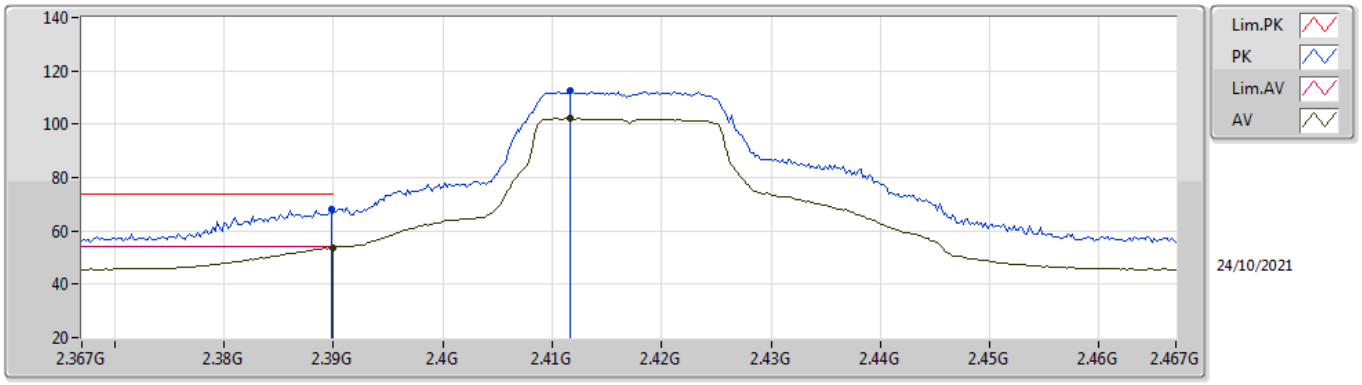


EUT Y_1TX
Setting 79
02-C-K-5

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	64.53	74.00	-9.47	33.36	3	Vertical	-0	2.70	-	28.38	2.79	-
AV	2.3894G	50.17	54.00	-3.83	19.00	3	Vertical	-0	2.70	-	28.38	2.79	-
PK	2.419G	108.98	Inf	-Inf	77.76	3	Vertical	-0	2.70	-	28.40	2.82	-
AV	2.4182G	98.28	Inf	-Inf	67.06	3	Vertical	-0	2.70	-	28.40	2.82	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

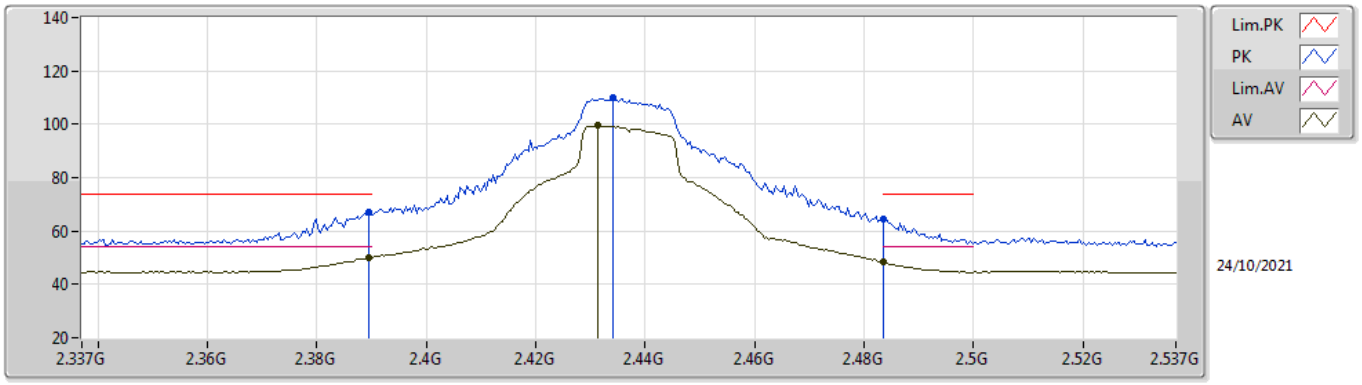


EUT Y_1TX
Setting 79
02-C-K-5

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	67.89	74.00	-6.11	36.72	3	Horizontal	41	2.50	-	28.38	2.79	-
AV	2.39G	53.84	54.00	-0.16	22.67	3	Horizontal	41	2.50	-	28.38	2.79	-
PK	2.4116G	112.38	Inf	-Inf	81.17	3	Horizontal	41	2.50	-	28.40	2.81	-
AV	2.4116G	102.17	Inf	-Inf	70.96	3	Horizontal	41	2.50	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

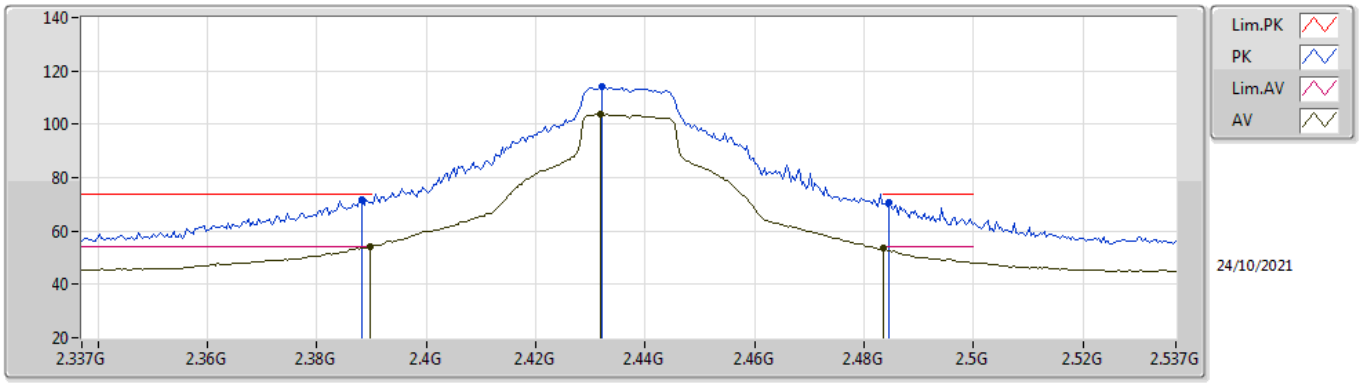


EUT Y_1TX
Setting 89
02-C-K-5

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	67.32	74.00	-6.68	36.15	3	Vertical	257	1.77	-	28.38	2.79	-
AV	2.3894G	49.89	54.00	-4.11	18.72	3	Vertical	257	1.77	-	28.38	2.79	-
PK	2.4342G	109.89	Inf	-Inf	78.66	3	Vertical	257	1.77	-	28.40	2.83	-
AV	2.4314G	99.53	Inf	-Inf	68.30	3	Vertical	257	1.77	-	28.40	2.83	-
PK	2.4835G	64.54	74.00	-9.46	33.13	3	Vertical	257	1.77	-	28.53	2.88	-
AV	2.4835G	48.28	54.00	-5.72	16.87	3	Vertical	257	1.77	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

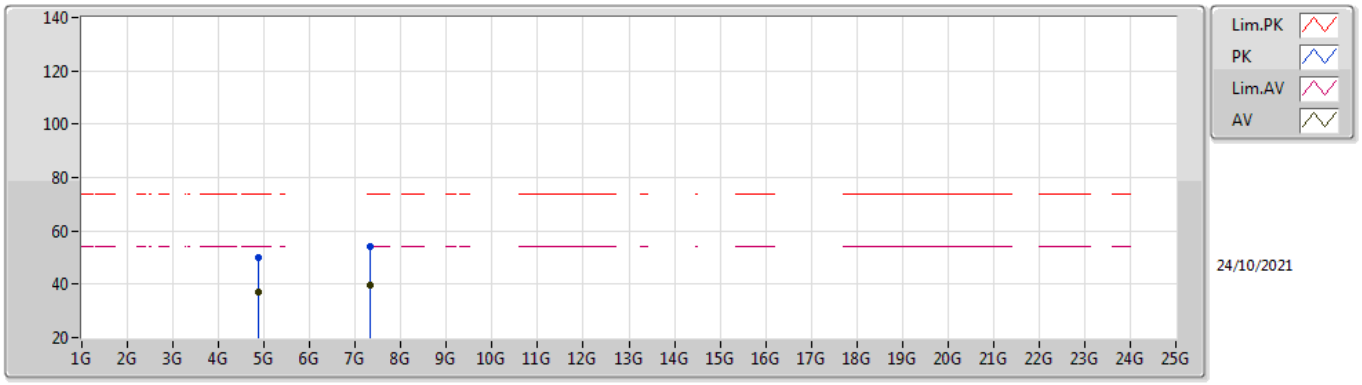


EUT Y_1TX
Setting 89
02-C-K-5

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	2.3882G	71.84	74.00	-2.16	40.67	3	Horizontal	47	1.48	-	28.38	2.79	-
AV	2.3898G	53.98	54.00	-0.02	22.81	3	Horizontal	47	1.48	-	28.38	2.79	-
PK	2.4322G	113.90	Inf	-Inf	82.67	3	Horizontal	47	1.48	-	28.40	2.83	-
AV	2.4318G	103.65	Inf	-Inf	72.42	3	Horizontal	47	1.48	-	28.40	2.83	-
PK	2.4846G	70.52	74.00	-3.48	39.10	3	Horizontal	47	1.48	-	28.54	2.88	-
AV	2.4835G	53.37	54.00	-0.63	21.96	3	Horizontal	47	1.48	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

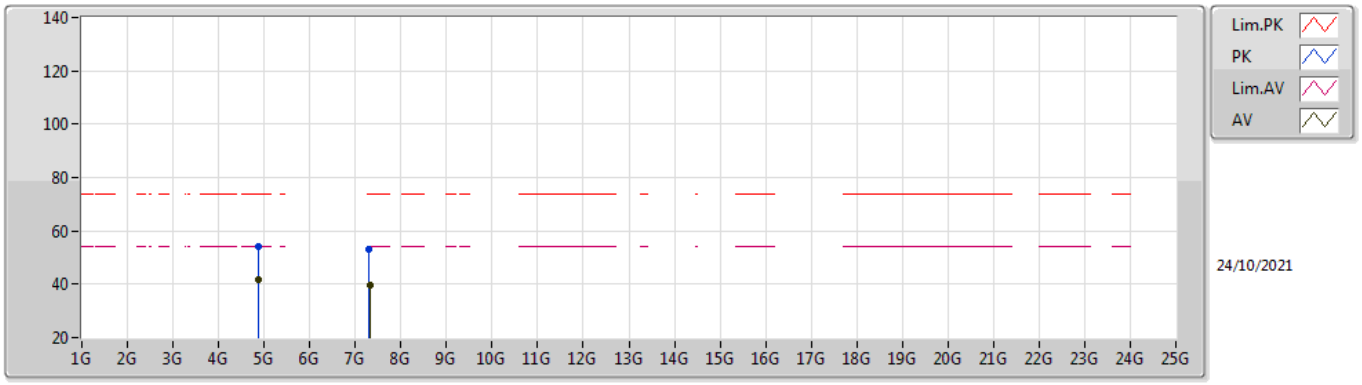


EUT Y_1TX
Setting 89
02-C-K-5

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	4.8748G	50.15	74.00	-23.85	44.31	3	Vertical	290	2.14	-	32.95	5.10	32.21
AV	4.87336G	37.05	54.00	-16.95	31.21	3	Vertical	290	2.14	-	32.95	5.10	32.21
PK	7.31284G	53.95	74.00	-20.05	44.18	3	Vertical	360	1.23	-	36.43	6.16	32.82
AV	7.31452G	39.42	54.00	-14.58	29.66	3	Vertical	360	1.23	-	36.43	6.16	32.83

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

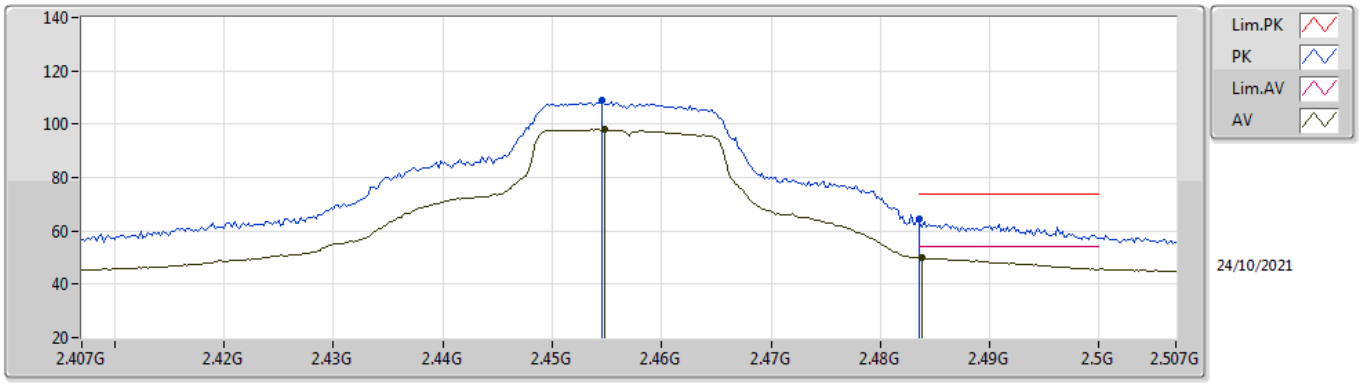


EUT Y_1TX
Setting 89
02-C-K-5

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	4.86928G	54.19	74.00	-19.81	48.36	3	Horizontal	10	2.95	-	32.94	5.10	32.21
AV	4.874G	41.83	54.00	-12.17	35.99	3	Horizontal	10	2.95	-	32.95	5.10	32.21
PK	7.30764G	53.29	74.00	-20.71	43.54	3	Horizontal	312	1.61	-	36.42	6.15	32.82
AV	7.3134G	39.78	54.00	-14.22	30.02	3	Horizontal	312	1.61	-	36.43	6.16	32.83

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX



EUT Y_1TX
Setting 83
02-C-K-5

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	2.4546G	108.76	Inf	-Inf	77.49	3	Vertical	4	2.65	-	28.42	2.85	-
AV	2.4548G	98.05	Inf	-Inf	66.78	3	Vertical	4	2.65	-	28.42	2.85	-
PK	2.4835G	64.37	74.00	-9.63	32.96	3	Vertical	4	2.65	-	28.53	2.88	-
AV	2.4838G	49.93	54.00	-4.07	18.51	3	Vertical	4	2.65	-	28.54	2.88	-