FCC RADIO TEST REPORT

FCC ID	:	NKR-ATTC71KW
Equipment	:	Wireless STB
Brand Name	:	AT&T
Model Name	:	C71KW-400, C71KWBP-400
Applicant	:	Wistron NeWeb Corporation 20 Park Avenue II Hsinchu Science Park Hsinchu, 308 Taiwan
Manufacturer	:	Wistron NeWeb Corporation 20 Park Avenue II Hsinchu Science Park Hsinchu, 308 Taiwan
Standard	:	47 CFR FCC Part 15.247

The product was received on May 09, 2019, and testing was started from Nov. 08, 2019 and completed on Nov. 23, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR791514-01AA	01	Initial issue of report	Jan. 20, 2020

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	15.247(a)	DTS Bandwidth	PASS	-
3.2	15.247(b)	Maximum Conducted Output Power	PASS	-
3.3	15.247(e)	Power Spectral Density	PASS	-
3.4	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.5	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
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: Vicky 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	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40	2422-2452	3-9 [7]

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	VHT20	20	4TX
2.4-2.4835GHz	VHT20-BF	20	4TX
2.4-2.4835GHz	802.11n HT40	40	4TX
2.4-2.4835GHz	VHT40	40	4TX
2.4-2.4835GHz	VHT40-BF	40	4TX

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.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
						2.4GHz	5GHz	BT
A	1	Airgain	N2425DWA7	PCB Antenna	I-PEX	Note	Note	-
B	2	Airgain	N2410DWB7	PCB Antenna	I-PEX			
C	3	Airgain	N2425DWC7	PCB Antenna	I-PEX			
D	4	Airgain	N2410DWD7	PCB Antenna	I-PEX			
E	1	N/A	N/A	Printed Antenna	N/A	-	-	1.11

Note:

2.4 GHz Antenna gain (dBi)				
Ant. / Frequency	A	B	C	D
2412MHz	4.30	2.20	3.90	2.80
2422MHz	4.30	2.40	4.00	2.90
2437MHz	4.50	3.10	4.20	3.20
2452MHz	4.50	3.30	4.20	3.30
2462MHz	4.70	3.50	4.20	3.20

Frequency	2.4 GHz Directional gain (dBi)
2412MHz	5.70
2422MHz	5.90
2437MHz	6.30
2452MHz	6.40
2462MHz	6.40

5 GHz Antenna gain (dBi)				
Ant. / Band	A	B	C	D
Band 1	5.50	2.30	4.30	4.30
Band 2	5.30	1.90	4.00	4.20
Band 3	5.80	1.80	3.90	2.50
Band 4	5.70	2.00	3.70	2.00

Band	5 GHz Directional gain (dBi)
Band 1	7.60
Band 2	7.50
Band 3	7.00
Band 4	7.10

Note1: The above information was declared by manufacturer.
Note2: The EUT has five antennas.
For WLAN function (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 Bluetooth function (1TX, 1RX):
Only Port 1 can be used as transmitting/receiving antenna

1.1.3 Mode Test Duty Cycle

For Mode 1:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20	0.951	0.22	373.125u	3k
VHT20-BF	0.938	0.28	3.833m	300
VHT40	0.918	0.37	208.75u	10k
VHT40-BF	0.944	0.25	3.69m	300

For Mode 2:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20	0.951	0.22	372.5u	3k
VHT20-BF	0.934	0.3	3.833m	300
VHT40	0.918	0.37	208.75u	10k
VHT40-BF	0.937	0.28	3.69m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for VHT20, VHT40 in 2.4G and 802.11ac in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	4.75			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Brand Name	Model Name	Description
AT&T	C71KW-400	There is nothing different of two models, just for different marketing use.
	C71KWBP-400	

From the above models, model: C71KW-400 was selected as representative model for the test and its data was recorded in this report.

1.1.6 Table for FEM Information

FEM	Brand name	Model Name
Original	SKYWORKS	SKY85809
New	SKYWORKS	SKY85818
New	QORVO	QPF4800

1.1.7 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR791514AA

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Changing FEM (Front-end Module) of WLAN for this device. (Please refer to section 1.1.6 for detail FEM information.)	1. DTS Bandwidth 2. Maximum Conducted Output Power 3. Power Spectral Density 4. Emissions in Non-restricted Frequency Bands 5. Emissions in Restricted Frequency Bands above 1GHz

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
- ANSI C63.10-2013
- FCC KDB 558074 D01 v05r02
- FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH02-CB	Lucas Huang	23.7~25.3°C / 52~54%	Nov. 14, 2019~Nov. 23, 2019
Radiated	03CH04-CB	Paul Chen	24.2~25.7°C / 52~53%	Nov. 08, 2019~Nov. 16, 2019

Test site Designation No. TW0006 with FCC.
Test site registered number IC 4086D with Industry Canada.

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
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For Mode 1:

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	23.5
2437MHz	23.5
2462MHz	23
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	19
2417MHz	22
2437MHz	24
2457MHz	22
2462MHz	19
VHT20_Nss1,(MCS0)_4TX	-
2412MHz	19
2417MHz	21
2437MHz	24
2457MHz	21
2462MHz	19
VHT40_Nss1,(MCS0)_4TX	-
2422MHz	17.5
2427MHz	17.5
2437MHz	20
2447MHz	17
2452MHz	17
VHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	19
2417MHz	23
2437MHz	23
2457MHz	21
2462MHz	19

VHT40-BF_Nss1,(MCS0)_4TX	-
2422MHz	18
2427MHz	19
2437MHz	21
2447MHz	19
2452MHz	17

For Mode 2:

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	22
2437MHz	21.5
2462MHz	21.5
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	20
2417MHz	23
2437MHz	23.5
2457MHz	19.5
2462MHz	19.5
VHT20_Nss1,(MCS0)_4TX	-
2412MHz	20
2417MHz	22
2437MHz	23.5
2457MHz	20.5
2462MHz	19.5
VHT40_Nss1,(MCS0)_4TX	-
2422MHz	18
2437MHz	20.5
2452MHz	18
VHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	19
2417MHz	21
2437MHz	23
2457MHz	21
2462MHz	19
VHT40-BF_Nss1,(MCS0)_4TX	-
2422MHz	19
2437MHz	20
2452MHz	19

Note:
1.VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
2.There are two modes of EUT, one is beamforming mode, and the other is non-beamforming mode for VHT20, VHT40 in 2.4G and 802.11ac in 5GHz. All test results were recorded in the report.

2.2 The Worst Case Measurement Configuration

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	
Operating Mode	1	EUT - FEW Model name: SKY85818
	2	EUT - FEW Model name: QPF4800

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
The EUT was performed at Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT in Y axis - FEW Model name: SKY85818
2	EUT in Y axis - FEW Model name: QPF4800

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

Support Unit	Brand	Model	FCC ID
Adapter	DIRECTV	EPS10R1-16	N/A

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under TeraTerm.
3. Executed "Iperf" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

2.4 Accessories

N/A

2.5 Support Equipment

<For Non-Beamforming Mode>

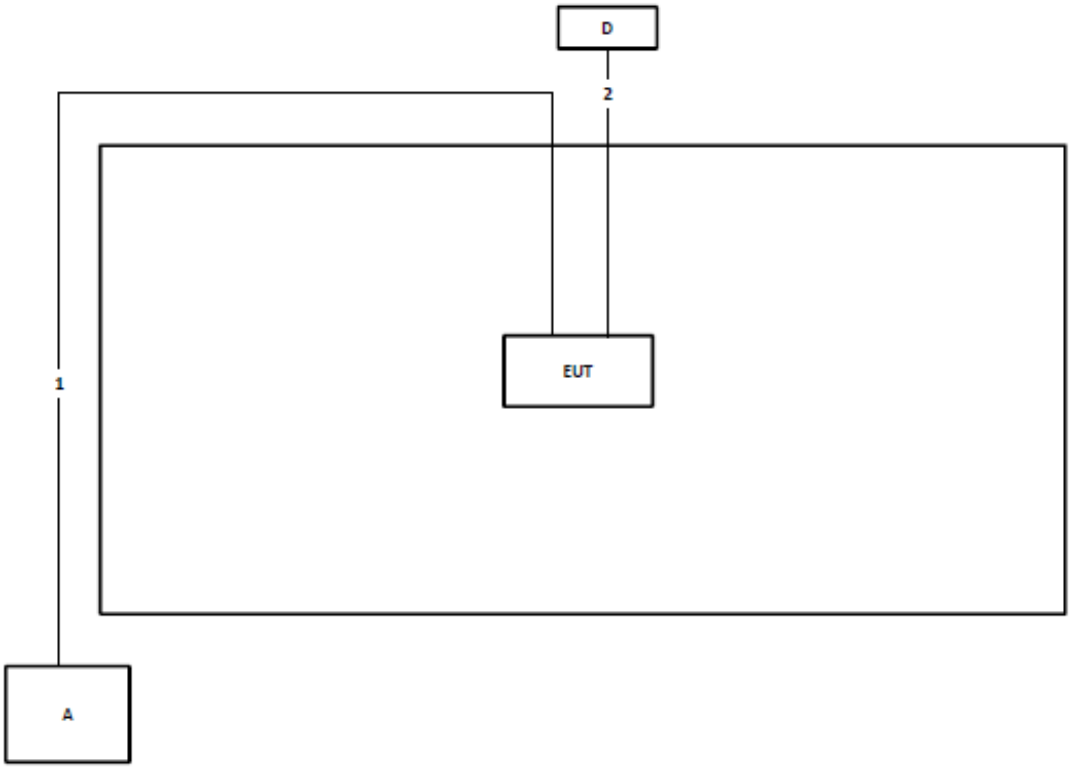
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
D	Adapter	DIRECTV	EPS10R1-16	N/A

<For Beamforming Mode>

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	NA
B	Notebook	DELL	E4300	N/A
C	Rx Device	AT&T	C71KW-400	NKR-ATTC71KW
D	Adapter	DIRECTV	EPS10R1-16	N/A

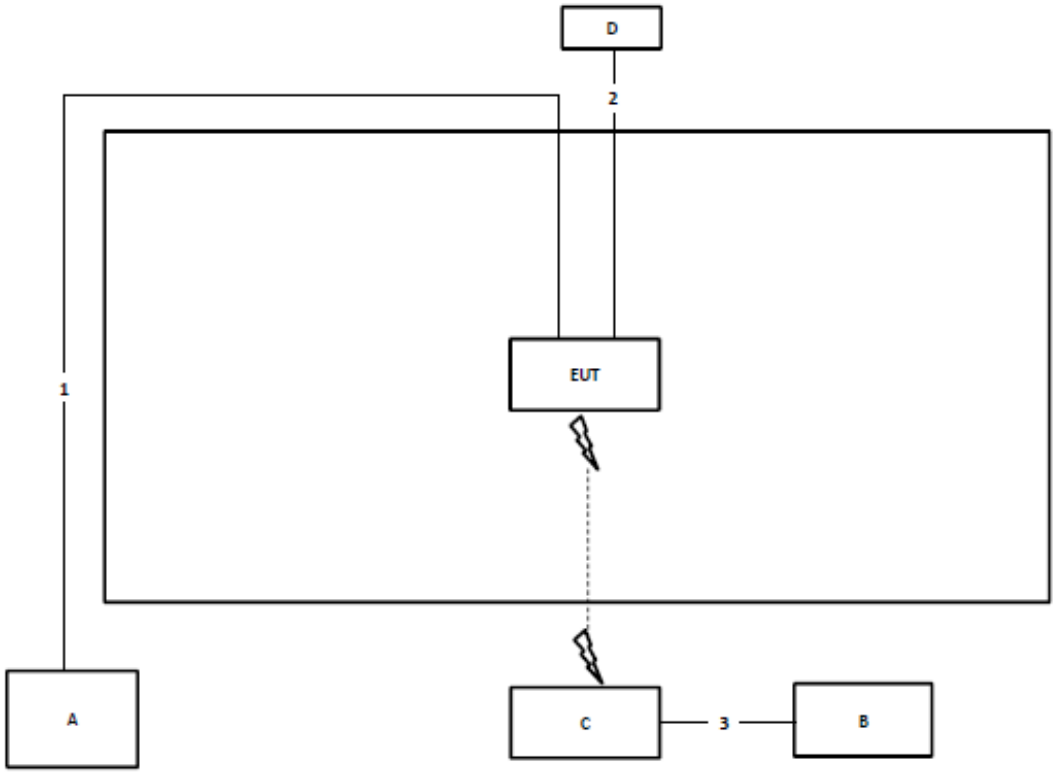
2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test > 1GHz / for non-beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.9m

Test Setup Diagram - Radiated Test > 1GHz / for beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.9m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 DTS Bandwidth

3.1.1 6dB Bandwidth Limit

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

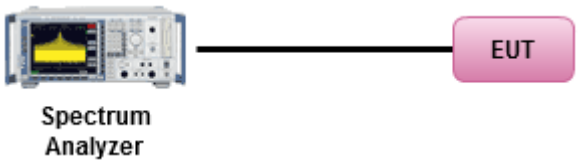
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 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.		

3.2.2 Measuring Instruments

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

3.2.3 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]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Power Spectral Density Limit

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

3.3.2 Measuring Instruments

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

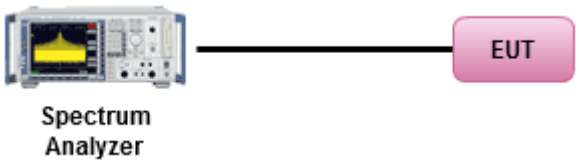
3.3.3 Test Procedures

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 11.10.2 Method PKPSD.
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.3 Method AVGPSD-1.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.5 Method AVGPSD-2.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.7 Method AVGPSD-3.
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.4 Method AVGPSD-1A. (alternative).
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.6 Method AVGPSD-2A. (alternative)
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.8 Method AVGPSD-3A. (alternative)
▪ 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.

3.3.4 Test Setup

Power Spectral Density



3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Emissions in Non-restricted Frequency Bands

3.4.1 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.	

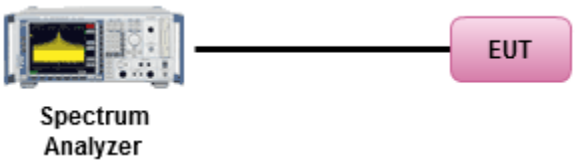
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.4.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix D

3.5 Emissions in Restricted Frequency Bands

3.5.1 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.

3.5.2 Measuring Instruments

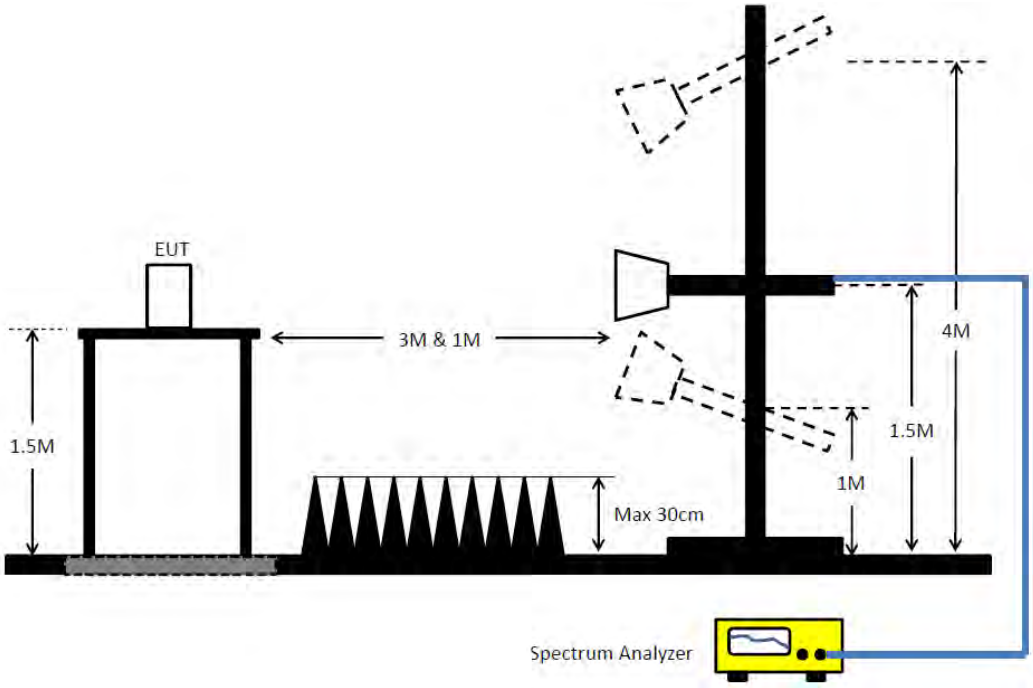
Refer a test equipment and calibration data table in this test report.

3.5.3 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.	

3.5.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands
Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

3.5.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 26, 2018	Dec. 25, 2019	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)

Note: Calibration Interval of instruments listed above is one year.

For 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	9M	11.694M	11M7G1D	8.025M	11.244M
802.11g_Nss1,(6Mbps)_4TX	16.35M	16.792M	16M8D1D	15.7M	16.517M
VHT20_Nss1,(MCS0)_4TX	17.6M	17.866M	17M9D1D	16.325M	17.691M
VHT40_Nss1,(MCS0)_4TX	35.9M	36.282M	36M3D1D	35.1M	35.832M

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

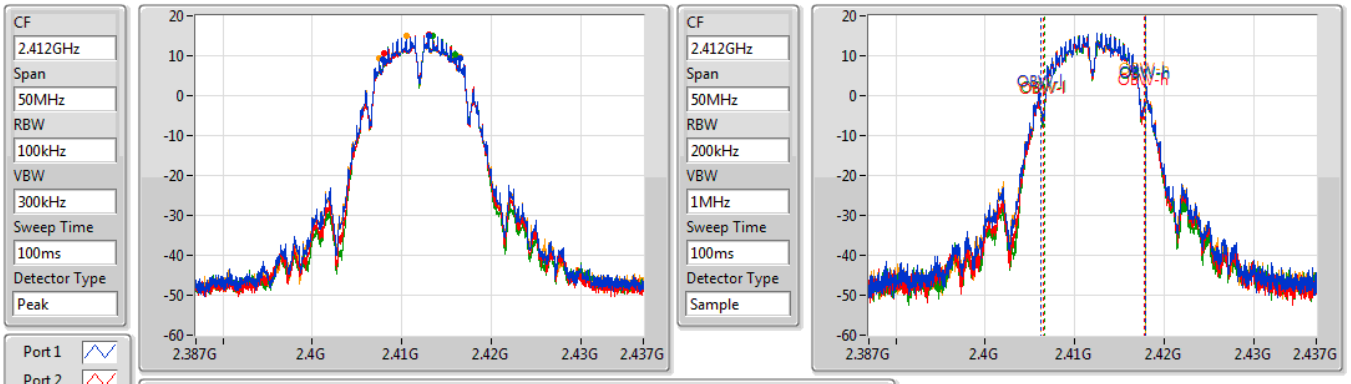
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8.55M	11.694M	8.525M	11.294M	8.025M	11.244M	9M	11.669M
2437MHz	Pass	500k	8.075M	11.694M	8.5M	11.569M	8.55M	11.294M	8.525M	11.669M
2462MHz	Pass	500k	8.55M	11.644M	8.55M	11.369M	8.525M	11.294M	8.55M	11.694M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.542M	16.3M	16.517M	16.275M	16.592M	16.35M	16.592M
2437MHz	Pass	500k	16.075M	16.742M	15.7M	16.792M	16.05M	16.792M	16.3M	16.792M
2462MHz	Pass	500k	16.35M	16.567M	16.35M	16.592M	16.325M	16.617M	16.35M	16.567M
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.6M	17.691M	17.55M	17.691M	17.2M	17.716M	17.55M	17.766M
2437MHz	Pass	500k	17.575M	17.816M	16.35M	17.816M	16.325M	17.791M	17.525M	17.866M
2462MHz	Pass	500k	17.55M	17.691M	17.55M	17.766M	17.55M	17.791M	17.6M	17.766M
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35.1M	35.982M	35.1M	35.832M	35.1M	35.832M	35.15M	36.032M
2437MHz	Pass	500k	35.45M	36.082M	35.7M	36.082M	35.45M	36.032M	35.7M	36.232M
2452MHz	Pass	500k	35.7M	36.082M	35.9M	36.182M	35.7M	36.282M	35.7M	36.132M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

14/11/2019

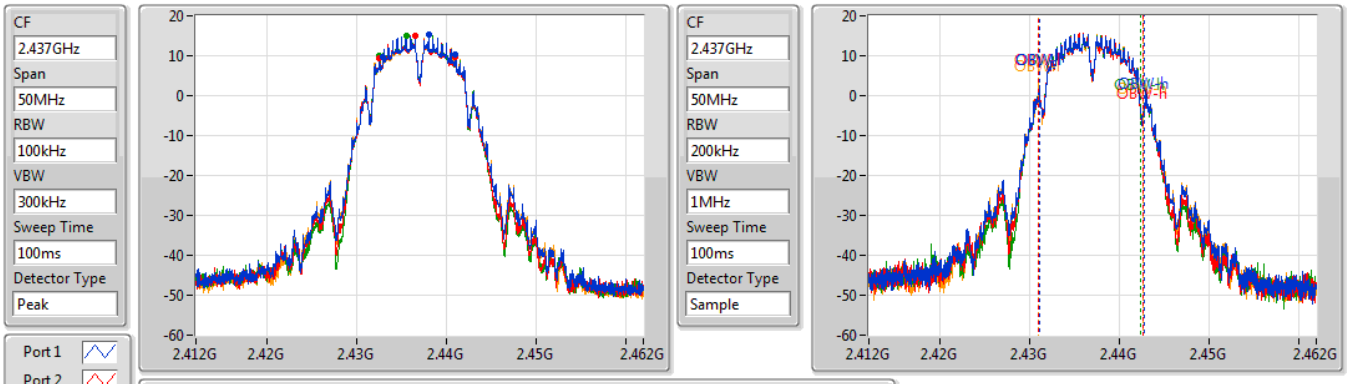


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.40795G	2.4165G	11.694M	2.406203G	2.417897G	500k	1
8.525M	2.407975G	2.4165G	11.294M	2.406503G	2.417797G	500k	2
8.025M	2.408G	2.416025G	11.244M	2.406628G	2.417872G	500k	3
9M	2.4075G	2.4165G	11.669M	2.406228G	2.417897G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

14/11/2019

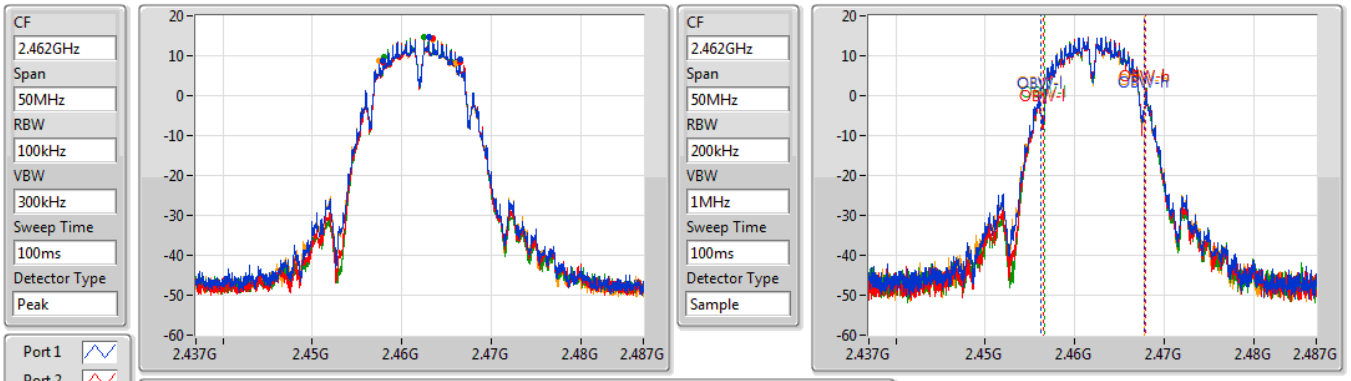


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.43295G	2.441025G	11.694M	2.431028G	2.442722G	500k	1
8.5M	2.4325G	2.441G	11.569M	2.431003G	2.442572G	500k	2
8.55M	2.432475G	2.441025G	11.294M	2.431028G	2.442322G	500k	3
8.525M	2.4325G	2.441025G	11.669M	2.431003G	2.442672G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

14/11/2019

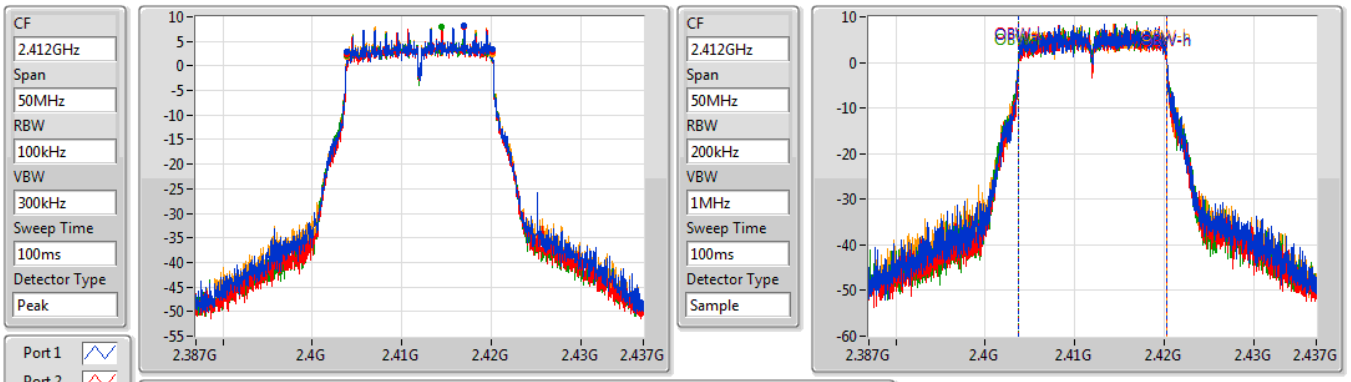


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.45795G	2.4665G	11.644M	2.456153G	2.467797G	500k	1
8.55M	2.45795G	2.4665G	11.369M	2.456503G	2.467872G	500k	2
8.525M	2.457975G	2.4665G	11.294M	2.456578G	2.467872G	500k	3
8.55M	2.4575G	2.46605G	11.694M	2.456153G	2.467847G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

14/11/2019

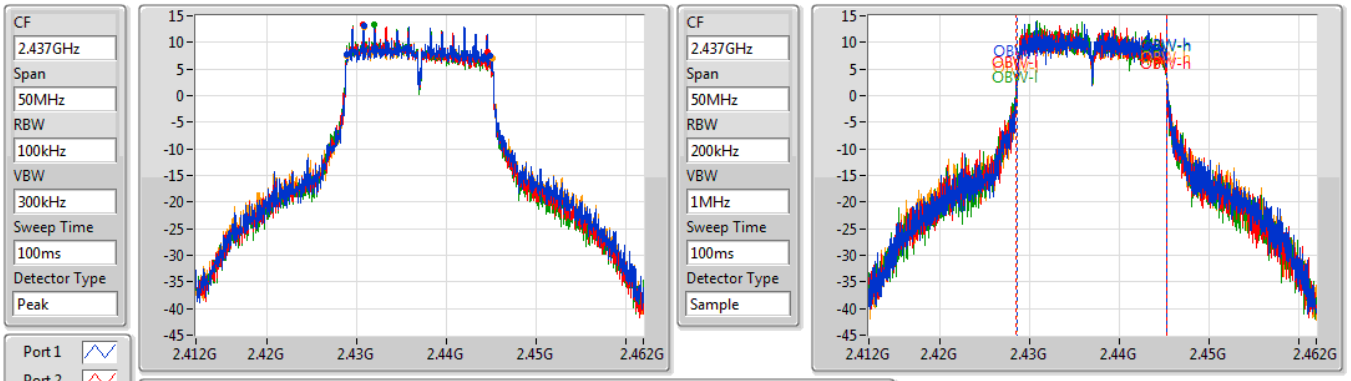


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.542M	2.403754G	2.420296G	500k	1
16.3M	2.40385G	2.42015G	16.517M	2.403754G	2.420271G	500k	2
16.275M	2.403875G	2.42015G	16.592M	2.403729G	2.420321G	500k	3
16.35M	2.403825G	2.420175G	16.592M	2.403704G	2.420296G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

14/11/2019

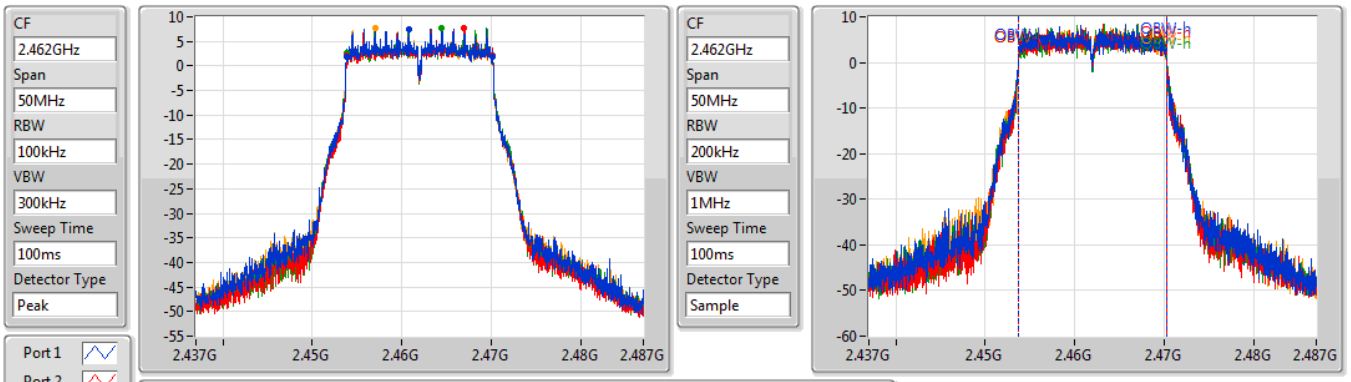


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.075M	2.428825G	2.4449G	16.742M	2.428579G	2.445321G	500k	1
15.7M	2.428825G	2.444525G	16.792M	2.428479G	2.445271G	500k	2
16.05M	2.428825G	2.444875G	16.792M	2.428454G	2.445246G	500k	3
16.3M	2.428825G	2.445125G	16.792M	2.428529G	2.445321G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

14/11/2019

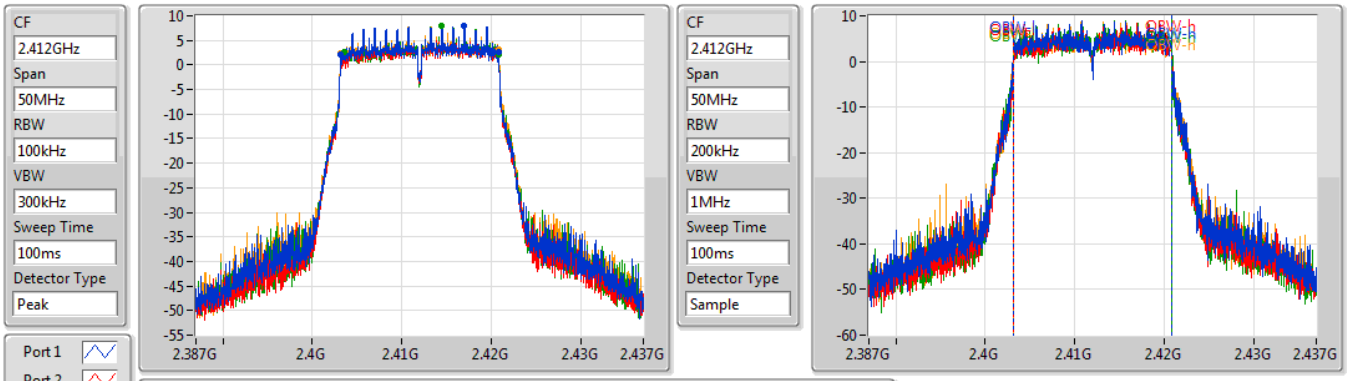


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.453825G	2.470175G	16.567M	2.453704G	2.470271G	500k	1
16.35M	2.453825G	2.470175G	16.592M	2.453729G	2.470321G	500k	2
16.325M	2.45385G	2.470175G	16.617M	2.453704G	2.470321G	500k	3
16.35M	2.453825G	2.470175G	16.567M	2.453704G	2.470271G	500k	4

VHT20_Nss1,(MCS0)_4TX EBW

2412MHz

14/11/2019

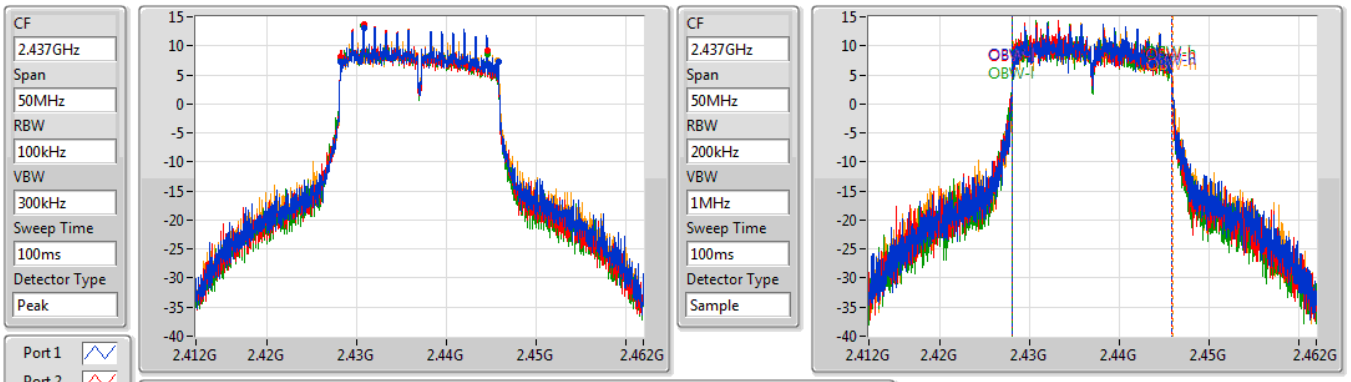


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	2.4032G	2.4208G	17.691M	2.403154G	2.420846G	500k	1
17.55M	2.403225G	2.420775G	17.691M	2.403154G	2.420846G	500k	2
17.2M	2.4036G	2.4208G	17.716M	2.403154G	2.420871G	500k	3
17.55M	2.403225G	2.420775G	17.766M	2.403129G	2.420896G	500k	4

VHT20_Nss1,(MCS0)_4TX EBW

2437MHz

14/11/2019

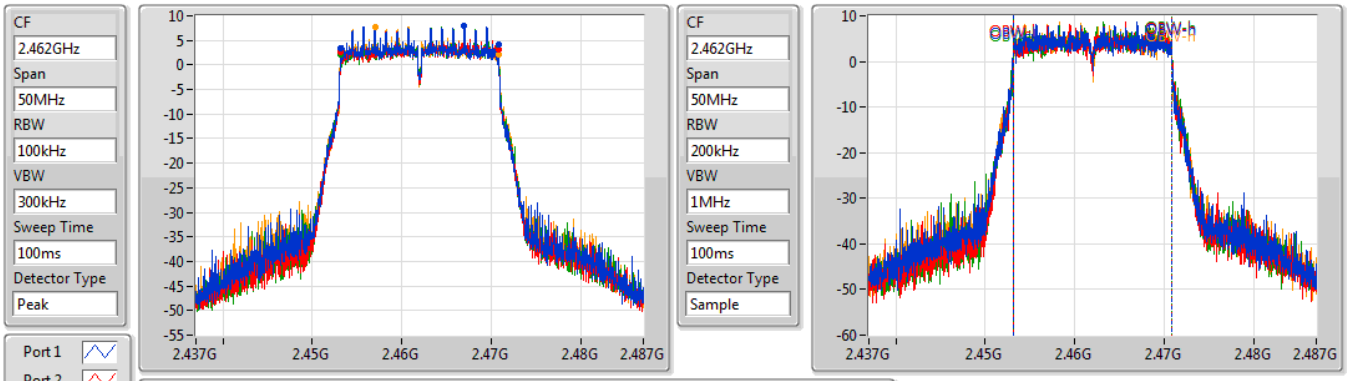


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4282G	2.445775G	17.816M	2.428054G	2.445871G	500k	1
16.35M	2.4282G	2.44455G	17.816M	2.428004G	2.445821G	500k	2
16.325M	2.428225G	2.44455G	17.791M	2.428004G	2.445796G	500k	3
17.525M	2.428225G	2.44575G	17.866M	2.428054G	2.445921G	500k	4

VHT20_Nss1,(MCS0)_4TX EBW

2462MHz

14/11/2019

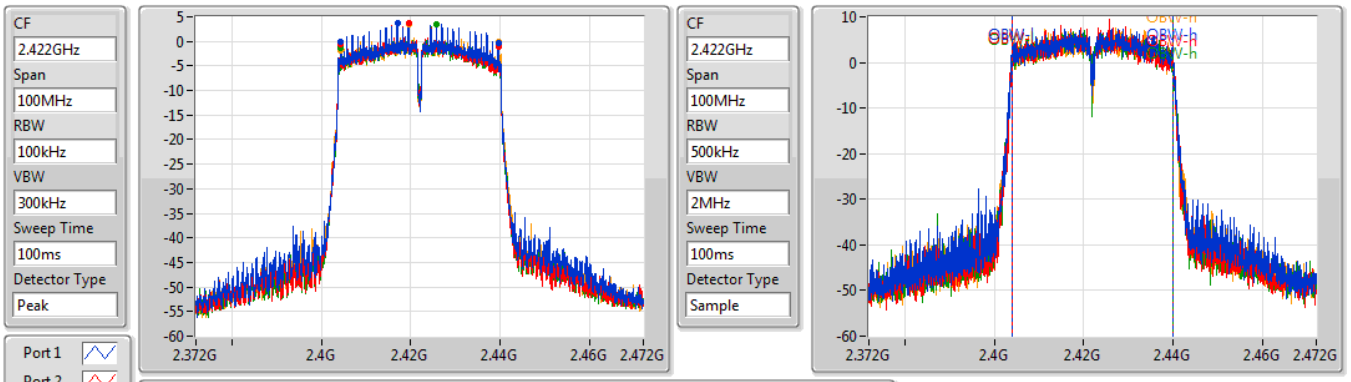


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.453225G	2.470775G	17.691M	2.453129G	2.470821G	500k	1
17.55M	2.453225G	2.470775G	17.766M	2.453129G	2.470896G	500k	2
17.55M	2.453225G	2.470775G	17.791M	2.453104G	2.470896G	500k	3
17.6M	2.4532G	2.4708G	17.766M	2.453104G	2.470871G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2422MHz

14/11/2019

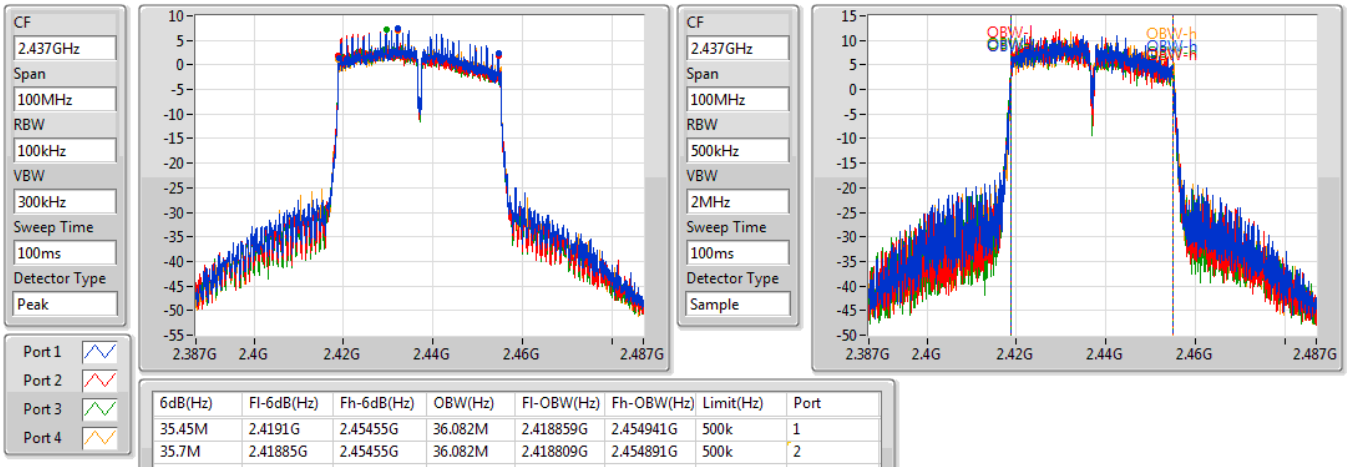


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.40445G	2.43955G	35.982M	2.403959G	2.439941G	500k	1
35.1M	2.40445G	2.43955G	35.832M	2.404009G	2.439841G	500k	2
35.1M	2.40445G	2.43955G	35.832M	2.404009G	2.439841G	500k	3
35.15M	2.4044G	2.43955G	36.032M	2.404009G	2.440041G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2437MHz

14/11/2019

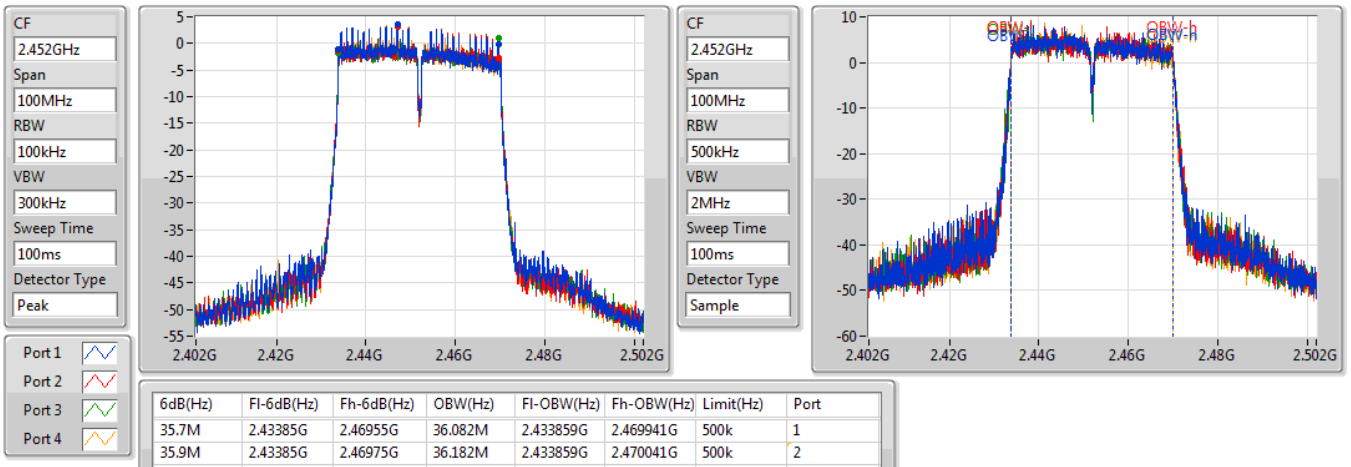


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.45M	2.4191G	2.45455G	36.082M	2.418859G	2.454941G	500k	1
35.7M	2.41885G	2.45455G	36.082M	2.418809G	2.454891G	500k	2
35.45M	2.4191G	2.45455G	36.032M	2.418809G	2.454841G	500k	3
35.7M	2.41885G	2.45455G	36.232M	2.418859G	2.455091G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2452MHz

14/11/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.43385G	2.46955G	36.082M	2.433859G	2.469941G	500k	1
35.9M	2.43385G	2.46975G	36.182M	2.433859G	2.470041G	500k	2
35.7M	2.43385G	2.46955G	36.282M	2.433759G	2.470041G	500k	3
35.7M	2.43385G	2.46955G	36.132M	2.433809G	2.469941G	500k	4

For beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_4TX	17.55M	17.975M	18M0D1D	12.825M	16.975M
VHT40-BF_Nss1,(MCS0)_4TX	35.7M	36.65M	36M6D1D	17.5M	35.55M

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

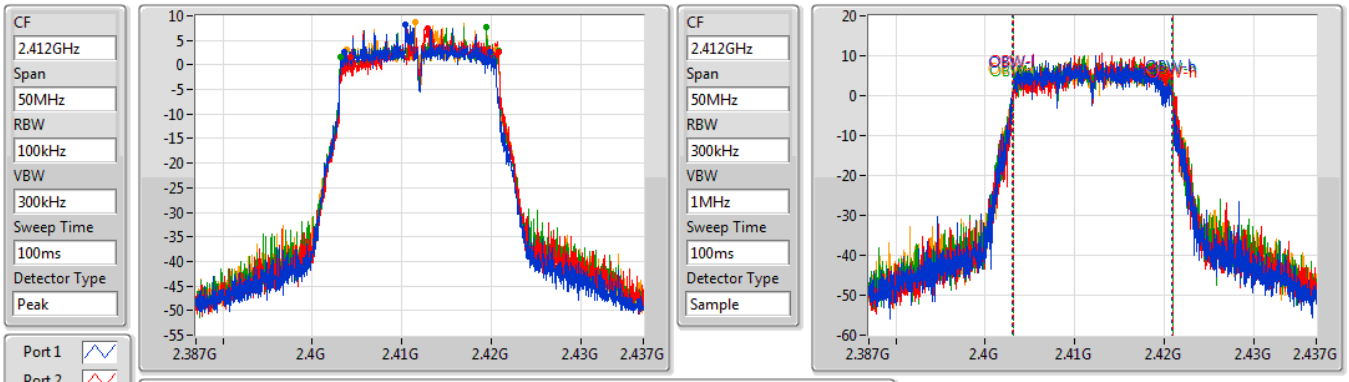
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	17.75M	16.575M	17.825M	17.55M	17.875M	16.65M	17.875M
2437MHz	Pass	500k	16.9M	17.9M	16.875M	17.875M	16.325M	17.85M	15.25M	16.975M
2462MHz	Pass	500k	12.825M	17.7M	15.925M	17.7M	15.1M	17.875M	16.375M	17.975M
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	30.05M	36.05M	35.3M	35.9M	31.2M	36.05M	28.8M	36.25M
2437MHz	Pass	500k	35.7M	35.55M	17.5M	36.25M	32.95M	36.25M	18.2M	36M
2452MHz	Pass	500k	30.05M	36.05M	32.6M	36.2M	28.75M	36.65M	33.1M	36.65M

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

VHT20-BF_Nss1,(MCS0)_4TX EBW

2412MHz

15/11/2019

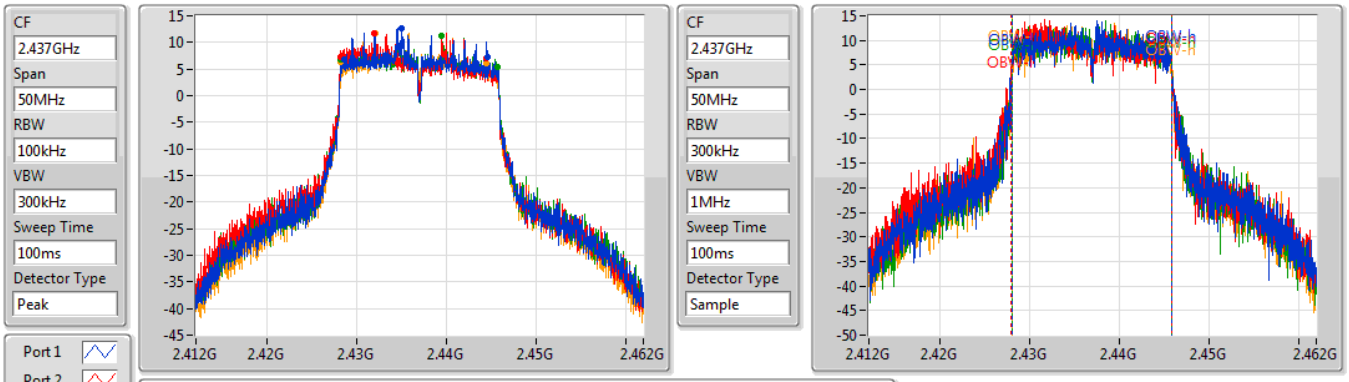


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.4036G	2.419875G	17.75M	2.403075G	2.420825G	500k	1
16.575M	2.404225G	2.4208G	17.825M	2.4032G	2.421025G	500k	2
17.55M	2.403225G	2.420775G	17.875M	2.4031G	2.420975G	500k	3
16.65M	2.403875G	2.420525G	17.875M	2.40305G	2.420925G	500k	4

VHT20-BF_Nss1,(MCS0)_4TX EBW

2437MHz

15/11/2019

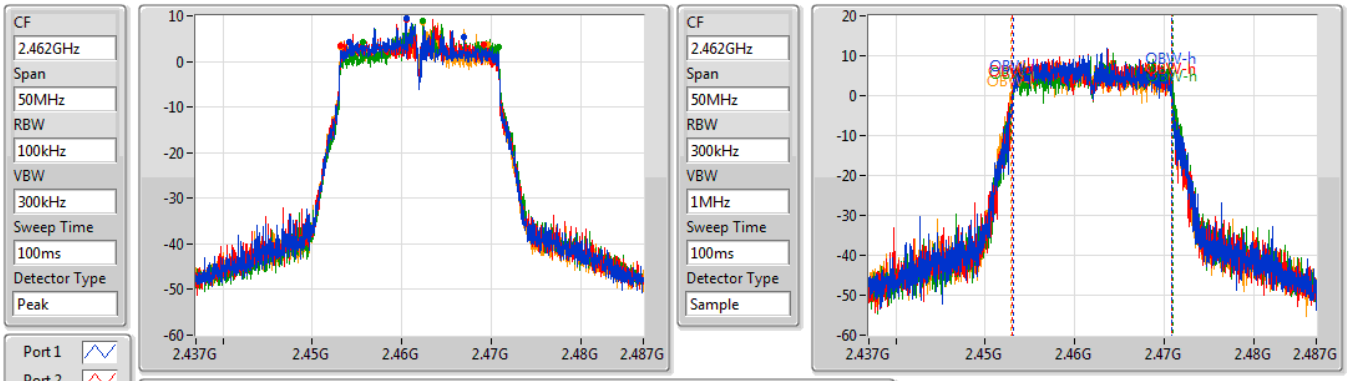


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.925M	2.4286G	2.444525G	17.825M	2.428025G	2.44585G	500k	1
16.275M	2.4282G	2.444475G	17.9M	2.4279G	2.4458G	500k	2
17.525M	2.4282G	2.445725G	17.775M	2.42805G	2.445825G	500k	3
16.25M	2.428225G	2.444475G	17.75M	2.42805G	2.4458G	500k	4

VHT20-BF_Nss1,(MCS0)_4TX EBW

2462MHz

15/11/2019

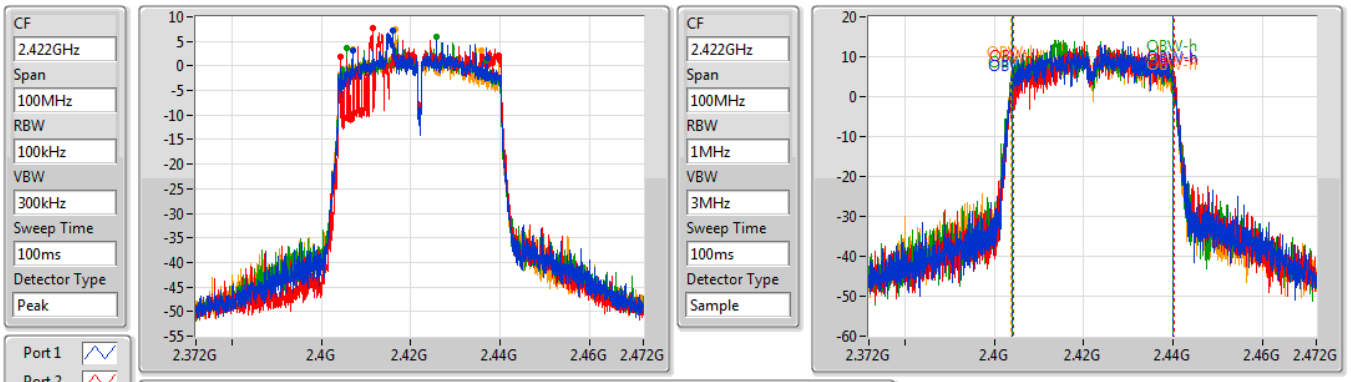


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.825M	2.454125G	2.46695G	17.7M	2.4531G	2.4708G	500k	1
15.925M	2.453225G	2.46915G	17.7M	2.453075G	2.470775G	500k	2
15.1M	2.455675G	2.470775G	17.875M	2.453125G	2.471G	500k	3
16.375M	2.4532G	2.469575G	17.975M	2.4529G	2.470875G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX EBW

2422MHz

15/11/2019

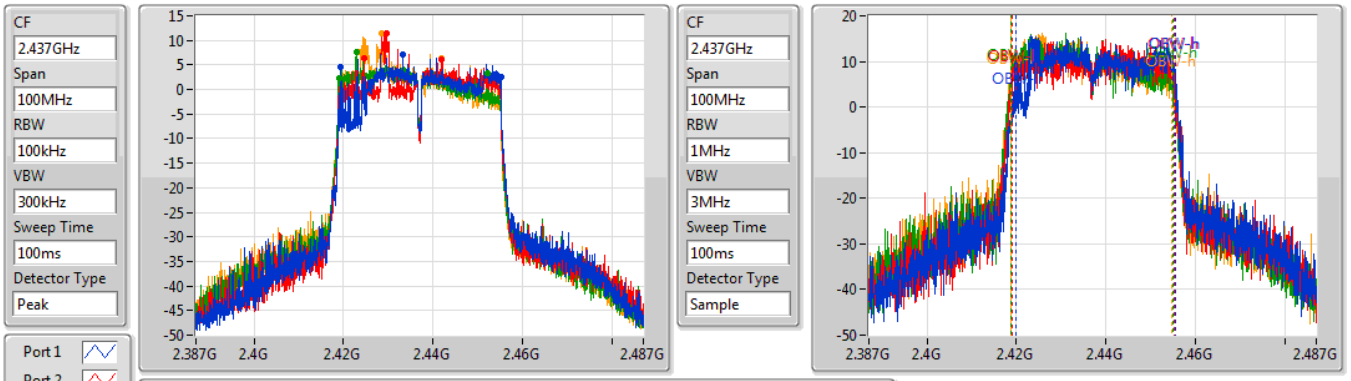


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.05M	2.407G	2.43705G	36.05M	2.404G	2.44005G	500k	1
35.3M	2.40445G	2.43975G	35.9M	2.40435G	2.44025G	500k	2
31.2M	2.40575G	2.43695G	36.05M	2.4039G	2.43995G	500k	3
28.8M	2.407G	2.4358G	36.25M	2.4038G	2.44005G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX EBW

2437MHz

15/11/2019

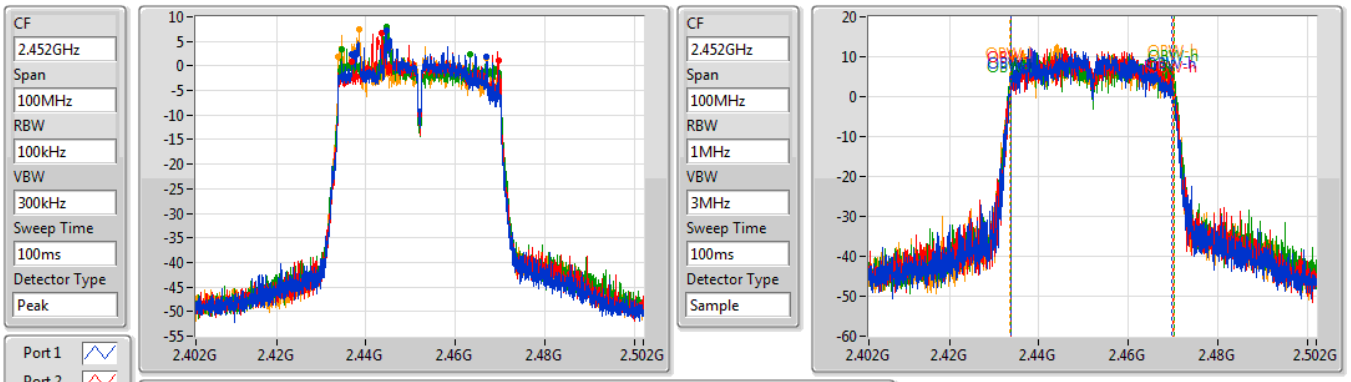


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.41945G	2.45515G	35.55M	2.41985G	2.4554G	500k	1
17.5M	2.4245G	2.442G	36.25M	2.4189G	2.45515G	500k	2
32.95M	2.4191G	2.45205G	36.25M	2.4187G	2.45495G	500k	3
18.2M	2.4238G	2.442G	36M	2.41875G	2.45475G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX EBW

2452MHz

15/11/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.05M	2.43695G	2.467G	36.05M	2.4337G	2.46975G	500k	1
32.6M	2.43695G	2.46955G	36.2M	2.4338G	2.47G	500k	2
28.75M	2.4345G	2.46325G	36.65M	2.43365G	2.4703G	500k	3
33.1M	2.43385G	2.46695G	36.65M	2.4335G	2.47015G	500k	4

For 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	8.575M	11.1M	11M1G1D	8.025M	10.825M
802.11g_Nss1,(6Mbps)_4TX	16.4M	16.925M	16M9D1D	15.65M	16.65M
VHT20_Nss1,(MCS0)_4TX	17.575M	17.95M	17M9D1D	16.3M	17.775M
VHT40_Nss1,(MCS0)_4TX	36.3M	36.7M	36M7D1D	35.05M	36M

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

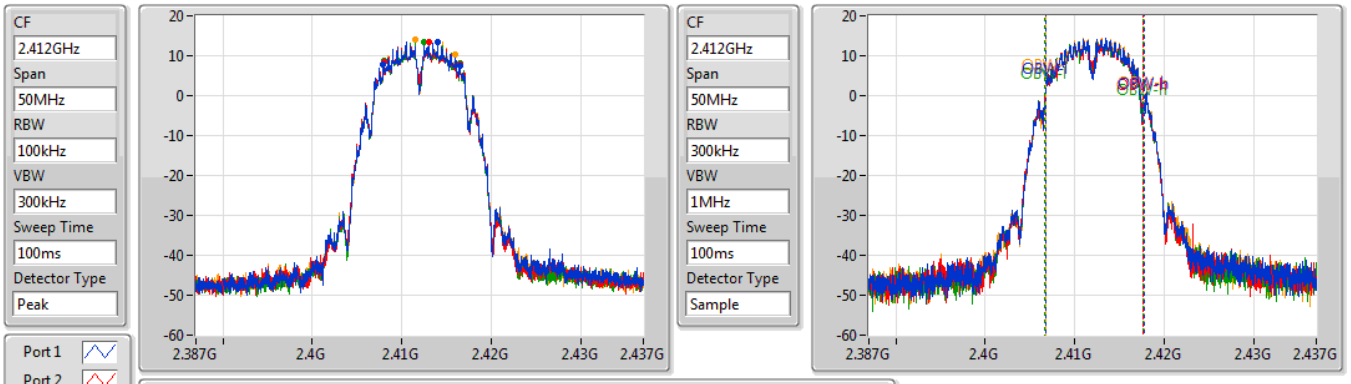
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8.575M	11M	8.525M	10.875M	8.5M	10.95M	8.025M	10.925M
2437MHz	Pass	500k	8.525M	10.875M	8.475M	10.825M	8.5M	10.825M	8.025M	10.95M
2462MHz	Pass	500k	8.55M	10.975M	8.1M	11.1M	8.55M	11.075M	8.025M	11.1M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.7M	16.7M	16.3M	16.75M	16.4M	16.65M	15.725M	16.675M
2437MHz	Pass	500k	15.65M	16.675M	16.3M	16.7M	16.325M	16.7M	15.975M	16.75M
2462MHz	Pass	500k	16.325M	16.925M	16.35M	16.75M	16.325M	16.775M	16.3M	16.775M
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	17.85M	17.525M	17.85M	16.95M	17.825M	16.325M	17.875M
2437MHz	Pass	500k	16.3M	17.825M	16.95M	17.8M	16.925M	17.775M	16.925M	17.825M
2462MHz	Pass	500k	17.575M	17.9M	17.575M	17.95M	17.575M	17.85M	16.875M	17.875M
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	36M	35.65M	36.3M	35.05M	36.15M	35.1M	36.05M
2437MHz	Pass	500k	35.05M	36.15M	35.1M	36.15M	35.05M	36.2M	35.05M	36.35M
2452MHz	Pass	500k	35.7M	36.7M	35.7M	36.55M	35.7M	36.6M	36.3M	36.65M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

16/11/2019

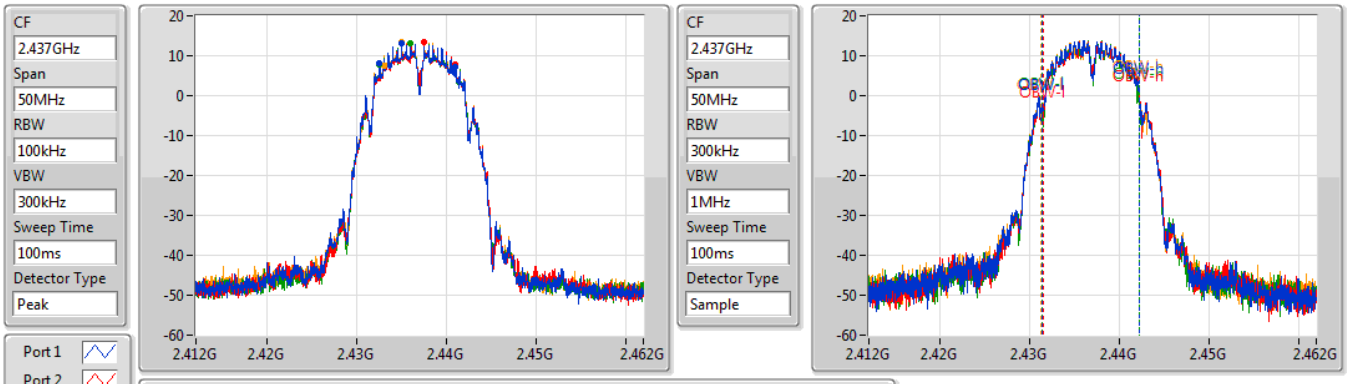


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.575M	2.40795G	2.416525G	11M	2.40675G	2.41775G	500k	1
8.525M	2.407975G	2.4165G	10.875M	2.406725G	2.4176G	500k	2
8.5M	2.408G	2.4165G	10.95M	2.4067G	2.41765G	500k	3
8.025M	2.408G	2.416025G	10.925M	2.4068G	2.417725G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

16/11/2019

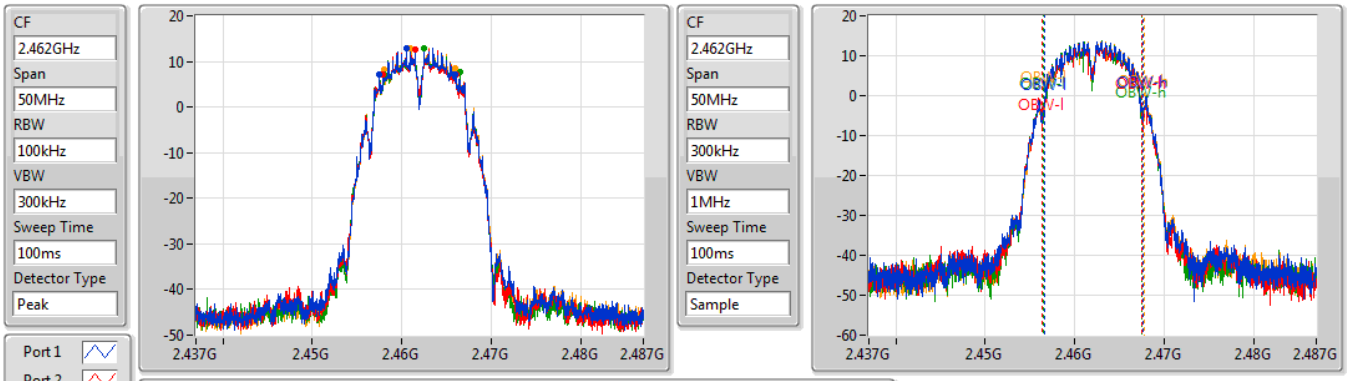


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.4325G	2.441025G	10.875M	2.431325G	2.4422G	500k	1
8.475M	2.432525G	2.441G	10.825M	2.43145G	2.442275G	500k	2
8.5M	2.432525G	2.441025G	10.825M	2.431425G	2.44225G	500k	3
8.025M	2.432975G	2.441G	10.95M	2.43125G	2.4422G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

16/11/2019

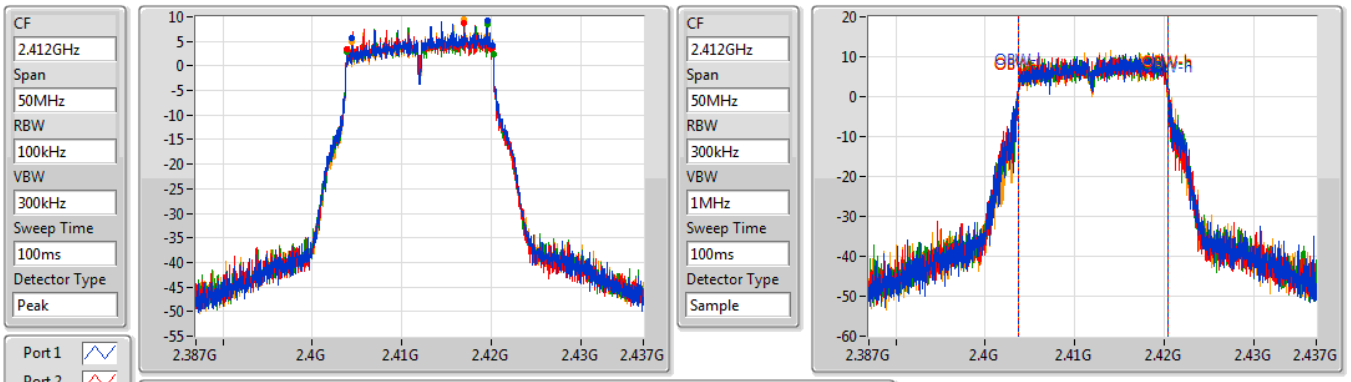


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.457475G	2.466025G	10.975M	2.4566G	2.467575G	500k	1
8.1M	2.45795G	2.46605G	11.1M	2.4564G	2.4675G	500k	2
8.55M	2.457975G	2.466525G	11.075M	2.456475G	2.46755G	500k	3
8.025M	2.458G	2.466025G	11.1M	2.456675G	2.467775G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

16/11/2019

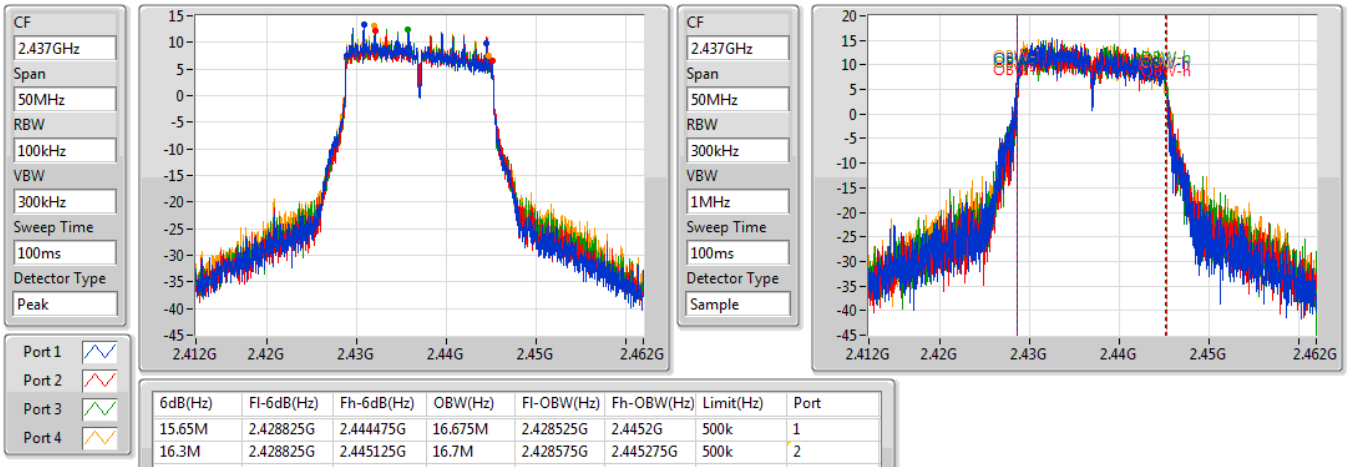


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.7M	2.404475G	2.420175G	16.7M	2.403725G	2.420425G	500k	1
16.3M	2.403875G	2.420175G	16.75M	2.403675G	2.420425G	500k	2
16.4M	2.40385G	2.42025G	16.65M	2.403725G	2.420375G	500k	3
15.725M	2.40445G	2.420175G	16.675M	2.403775G	2.42045G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

16/11/2019

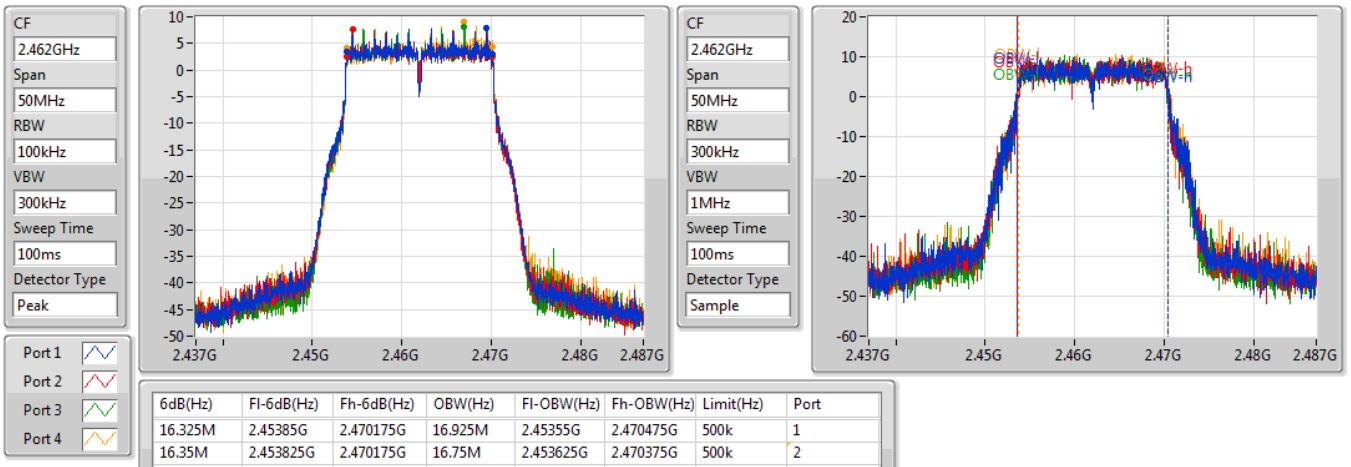


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.428825G	2.444475G	16.675M	2.428525G	2.4452G	500k	1
16.3M	2.428825G	2.445125G	16.7M	2.428575G	2.445275G	500k	2
16.325M	2.428825G	2.44515G	16.7M	2.428575G	2.445275G	500k	3
15.975M	2.4288G	2.444775G	16.75M	2.42855G	2.4453G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

16/11/2019

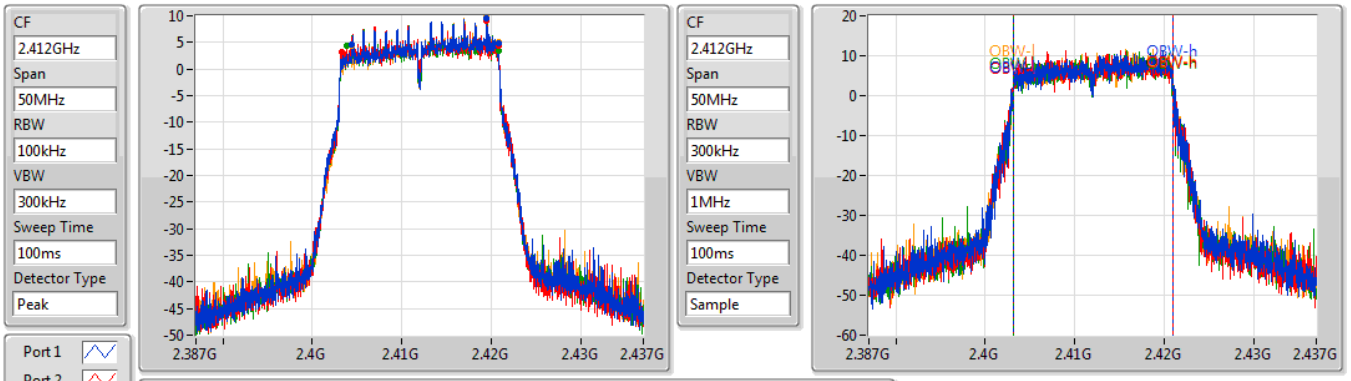


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.45385G	2.470175G	16.925M	2.45355G	2.470475G	500k	1
16.35M	2.453825G	2.470175G	16.75M	2.453625G	2.470375G	500k	2
16.325M	2.45385G	2.470175G	16.775M	2.4536G	2.470375G	500k	3
16.3M	2.453875G	2.470175G	16.775M	2.453675G	2.47045G	500k	4

VHT20_Nss1,(MCS0)_4TX EBW

2412MHz

16/11/2019

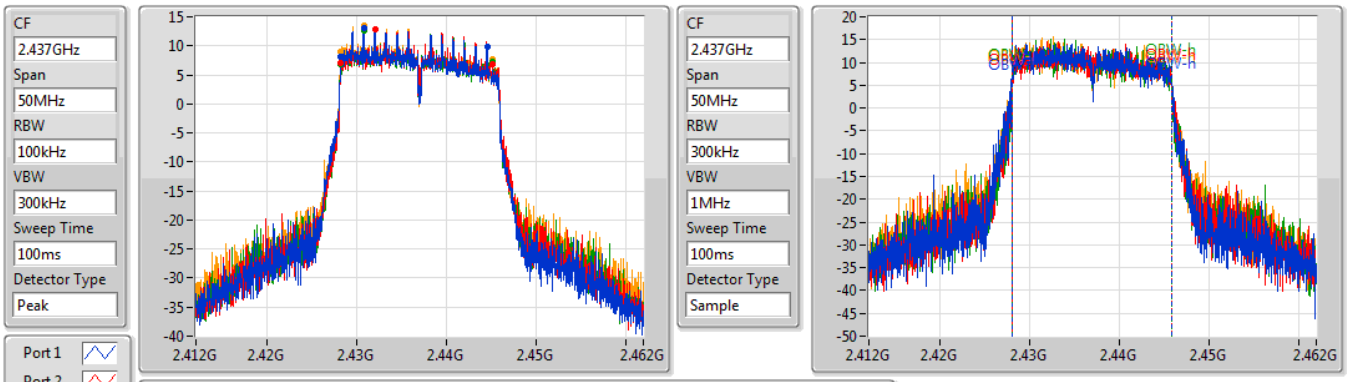


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.40445G	2.420775G	17.85M	2.40315G	2.421G	500k	1
17.525M	2.40325G	2.420775G	17.85M	2.4031G	2.42095G	500k	2
16.95M	2.40385G	2.4208G	17.825M	2.403175G	2.421G	500k	3
16.325M	2.40445G	2.420775G	17.875M	2.403175G	2.42105G	500k	4

VHT20_Nss1,(MCS0)_4TX EBW

2437MHz

16/11/2019

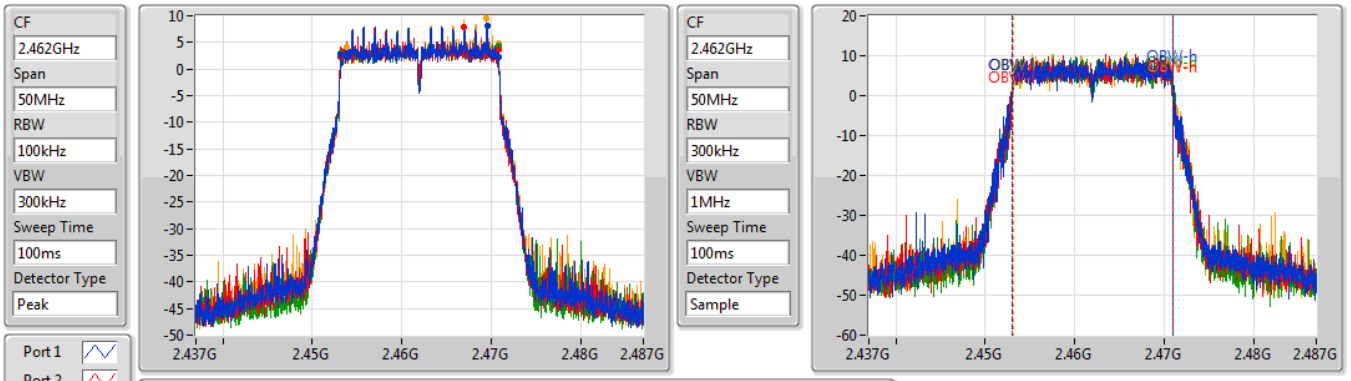


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428225G	2.444525G	17.825M	2.427975G	2.4458G	500k	1
16.95M	2.4282G	2.44515G	17.8M	2.428G	2.4458G	500k	2
16.925M	2.4282G	2.445125G	17.775M	2.428025G	2.4458G	500k	3
16.925M	2.4282G	2.445125G	17.825M	2.427975G	2.4458G	500k	4

VHT20_Nss1,(MCS0)_4TX EBW

2462MHz

16/11/2019

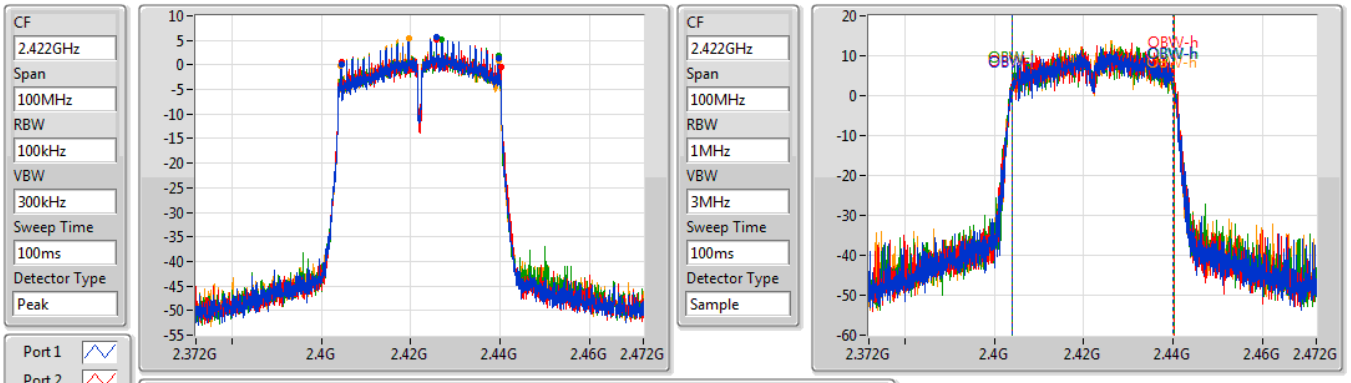


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.453225G	2.4708G	17.9M	2.453025G	2.470925G	500k	1
17.575M	2.4532G	2.470775G	17.95M	2.453025G	2.470975G	500k	2
17.575M	2.4532G	2.470775G	17.85M	2.453075G	2.470925G	500k	3
16.875M	2.4539G	2.470775G	17.875M	2.4531G	2.470975G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2422MHz

16/11/2019

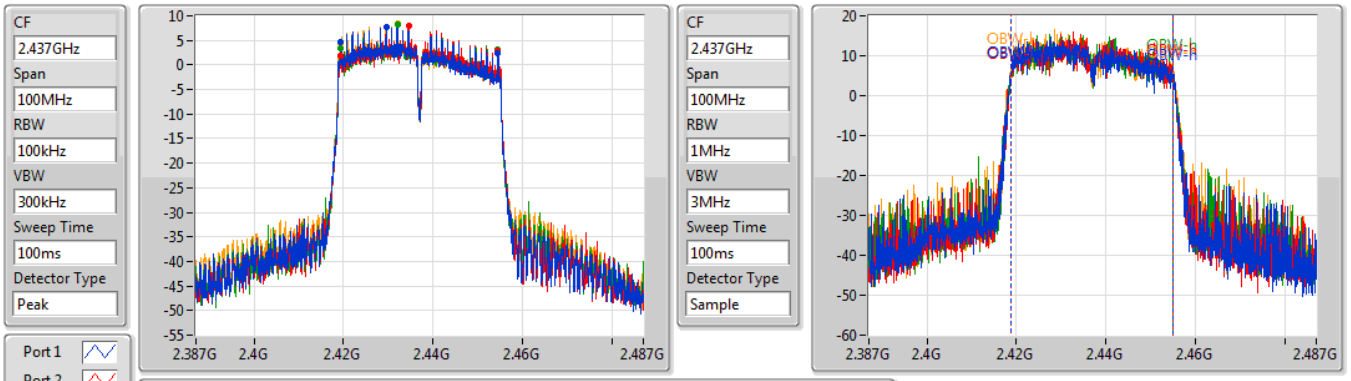


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.4045G	2.43955G	36M	2.40405G	2.44005G	500k	1
35.65M	2.4045G	2.44015G	36.3M	2.404G	2.4403G	500k	2
35.05M	2.4045G	2.43955G	36.15M	2.404G	2.44015G	500k	3
35.1M	2.40445G	2.43955G	36.05M	2.40405G	2.4401G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2437MHz

16/11/2019

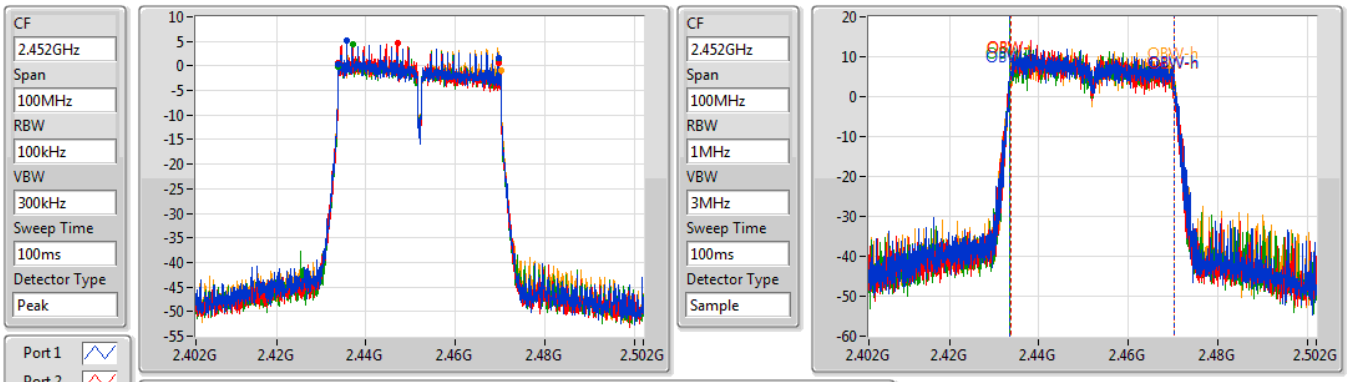


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.41945G	2.4545G	36.15M	2.4188G	2.45495G	500k	1
35.1M	2.4194G	2.4545G	36.15M	2.4188G	2.45495G	500k	2
35.05M	2.41945G	2.4545G	36.2M	2.4188G	2.455G	500k	3
35.05M	2.41945G	2.4545G	36.35M	2.4187G	2.45505G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2452MHz

16/11/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.43385G	2.46955G	36.7M	2.43355G	2.47025G	500k	1
35.7M	2.43385G	2.46955G	36.55M	2.43365G	2.4702G	500k	2
35.7M	2.43385G	2.46955G	36.6M	2.4336G	2.4702G	500k	3
36.3M	2.43385G	2.47015G	36.65M	2.43365G	2.4703G	500k	4

For beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_4TX	17.6M	17.791M	17M8D1D	16.3M	17.666M
VHT40-BF_Nss1,(MCS0)_4TX	36.35M	36.332M	36M3D1D	35M	35.882M

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

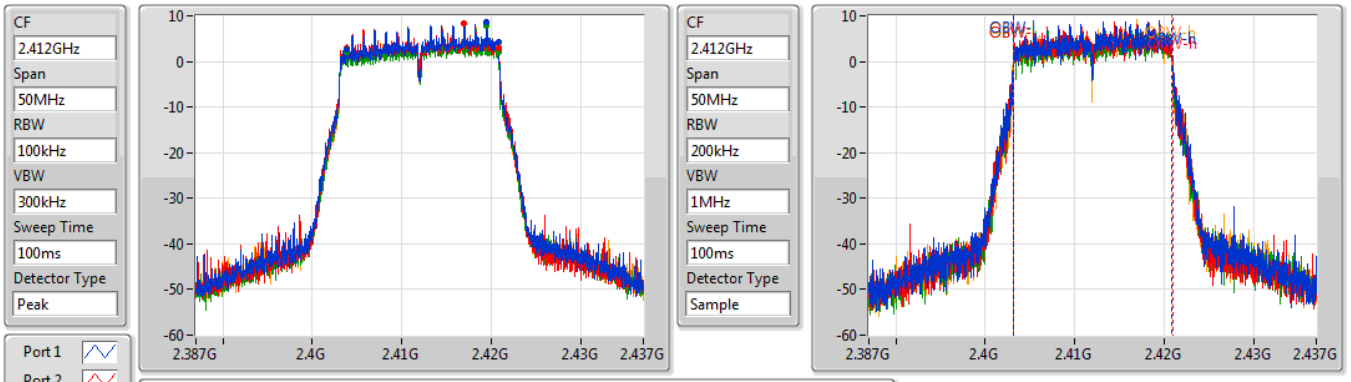
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.925M	17.691M	16.975M	17.741M	16.9M	17.716M	16.925M	17.691M
2437MHz	Pass	500k	16.3M	17.666M	17.55M	17.716M	16.675M	17.666M	16.35M	17.691M
2462MHz	Pass	500k	17.55M	17.766M	17.6M	17.791M	17.575M	17.766M	17.55M	17.716M
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35.1M	35.932M	35.65M	36.032M	35.1M	35.982M	35M	35.882M
2437MHz	Pass	500k	35.4M	35.882M	35.1M	35.982M	35.05M	35.882M	35.1M	36.032M
2452MHz	Pass	500k	35.95M	36.332M	35.7M	36.232M	35.7M	36.182M	36.35M	36.232M

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

VHT20-BF_Nss1,(MCS0)_4TX EBW

2412MHz

16/11/2019

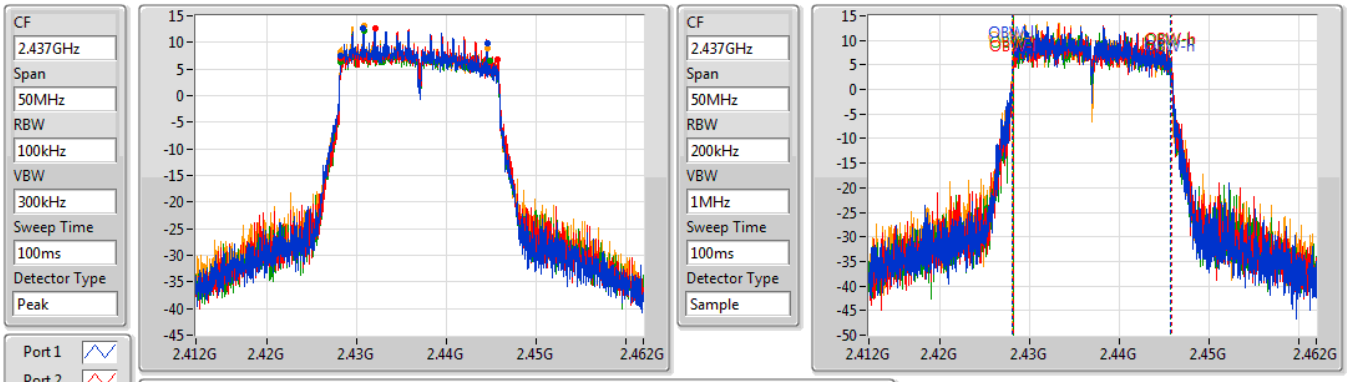


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.925M	2.40385G	2.420775G	17.691M	2.403204G	2.420896G	500k	1
16.975M	2.403825G	2.4208G	17.741M	2.403179G	2.420921G	500k	2
16.9M	2.403875G	2.420775G	17.716M	2.403179G	2.420896G	500k	3
16.925M	2.40385G	2.420775G	17.691M	2.403204G	2.420896G	500k	4

VHT20-BF_Nss1,(MCS0)_4TX EBW

2437MHz

16/11/2019

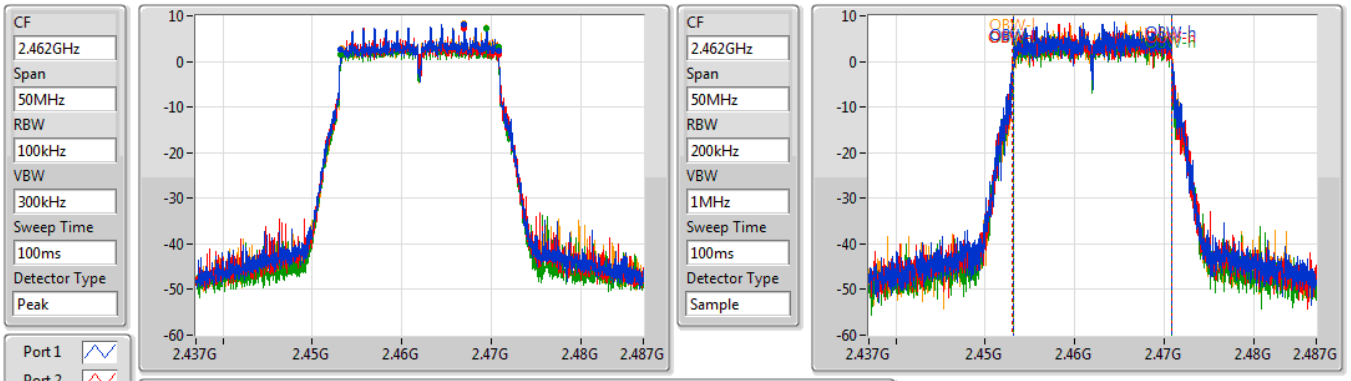


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428225G	2.444525G	17.666M	2.428079G	2.445746G	500k	1
17.55M	2.4282G	2.44575G	17.716M	2.428104G	2.445821G	500k	2
16.675M	2.4282G	2.444875G	17.666M	2.428104G	2.445771G	500k	3
16.35M	2.4282G	2.44455G	17.691M	2.428054G	2.445746G	500k	4

VHT20-BF_Nss1,(MCS0)_4TX EBW

2462MHz

16/11/2019

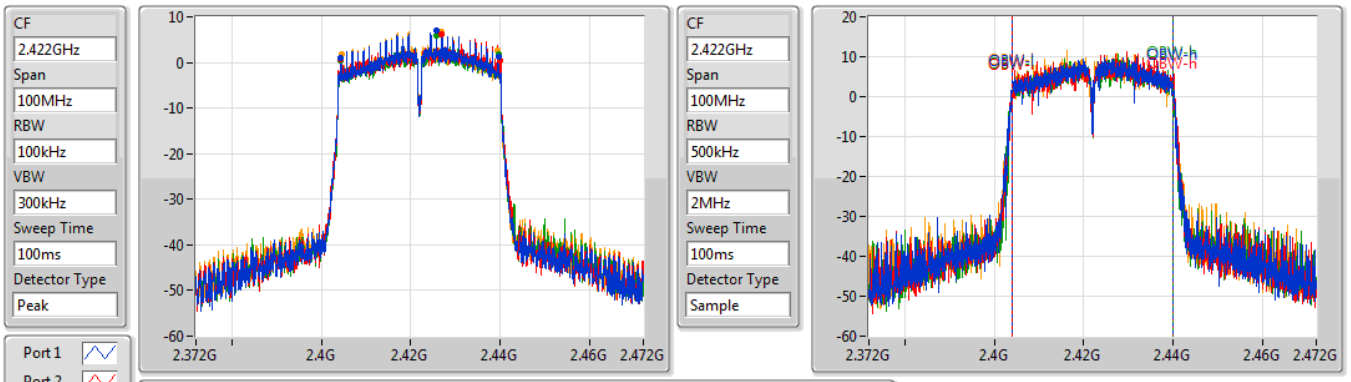


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.453225G	2.470775G	17.766M	2.453129G	2.470896G	500k	1
17.6M	2.4532G	2.4708G	17.791M	2.453079G	2.470871G	500k	2
17.575M	2.4532G	2.470775G	17.766M	2.453129G	2.470896G	500k	3
17.55M	2.45325G	2.4708G	17.716M	2.453154G	2.470871G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX EBW

2422MHz

16/11/2019

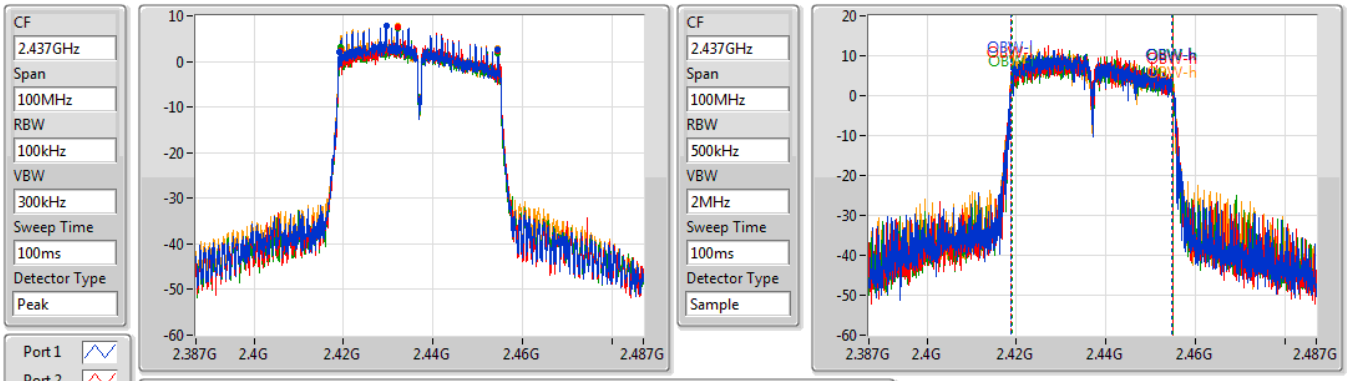


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.40445G	2.43955G	35.932M	2.404059G	2.439991G	500k	1
35.65M	2.40445G	2.4401G	36.032M	2.404059G	2.440091G	500k	2
35.1M	2.40445G	2.43955G	35.982M	2.404059G	2.440041G	500k	3
35M	2.4045G	2.4395G	35.882M	2.404059G	2.439941G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX EBW

2437MHz

16/11/2019

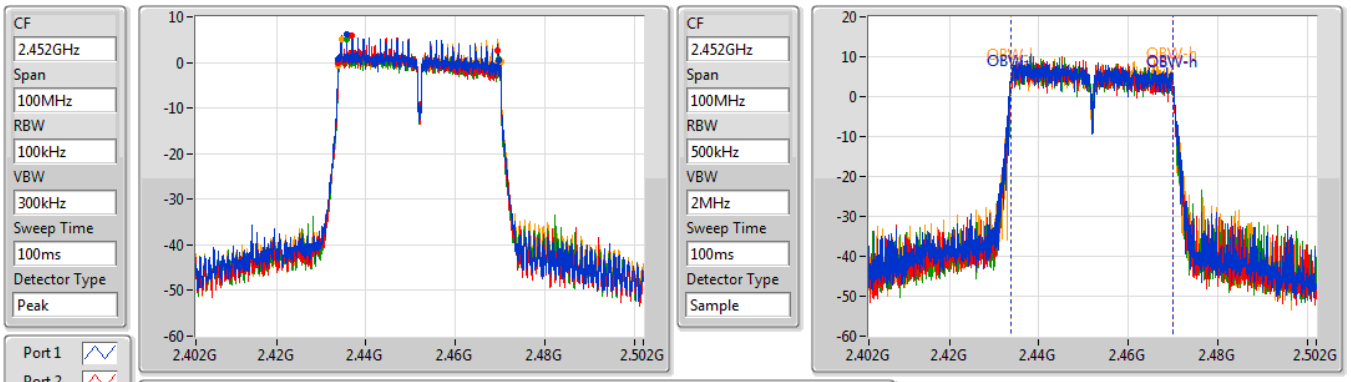


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.4M	2.4191G	2.4545G	35.882M	2.418859G	2.454741G	500k	1
35.1M	2.4194G	2.4545G	35.982M	2.418859G	2.454841G	500k	2
35.05M	2.41945G	2.4545G	35.882M	2.418959G	2.454841G	500k	3
35.1M	2.4194G	2.4545G	36.032M	2.418809G	2.454841G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX EBW

2452MHz

16/11/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.4338G	2.46975G	36.332M	2.433709G	2.470041G	500k	1
35.7M	2.4338G	2.4695G	36.232M	2.433759G	2.469991G	500k	2
35.7M	2.43385G	2.46955G	36.182M	2.433759G	2.469941G	500k	3
36.35M	2.4338G	2.47015G	36.232M	2.433809G	2.470041G	500k	4

For non-beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.70	0.93325
802.11g_Nss1,(6Mbps)_4TX	29.84	0.96383
VHT20_Nss1,(MCS0)_4TX	29.79	0.95280
VHT40_Nss1,(MCS0)_4TX	26.16	0.41305

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	4.30	23.80	23.51	23.68	23.71	29.70	30.00
2437MHz	Pass	4.50	23.69	23.48	23.65	23.63	29.63	30.00
2462MHz	Pass	4.70	23.00	22.94	22.97	22.99	29.00	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.30	19.27	19.05	19.12	19.35	25.22	30.00
2417MHz	Pass	4.30	22.33	22.05	22.16	22.30	28.23	30.00
2437MHz	Pass	4.50	23.87	23.83	23.76	23.81	29.84	30.00
2457MHz	Pass	4.70	22.17	22.01	22.07	22.15	28.12	30.00
2462MHz	Pass	4.70	19.25	19.05	19.03	19.18	25.15	30.00
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.30	19.15	18.81	18.94	19.10	25.02	30.00
2417MHz	Pass	4.30	21.03	20.93	21.07	21.14	27.06	30.00
2437MHz	Pass	4.50	23.82	23.70	23.73	23.83	29.79	30.00
2457MHz	Pass	4.70	20.93	20.88	20.85	20.88	26.91	30.00
2462MHz	Pass	4.70	19.04	18.77	18.79	19.02	24.93	30.00
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.30	17.05	16.80	16.81	16.74	22.87	30.00
2427MHz	Pass	4.30	17.07	17.02	17.06	17.13	23.09	30.00
2437MHz	Pass	4.50	20.23	20.19	19.90	20.22	26.16	30.00
2447MHz	Pass	4.70	17.23	17.10	17.12	17.04	23.14	30.00
2452MHz	Pass	4.70	17.10	17.05	17.03	16.97	23.06	30.00

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

For beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20-BF_Nss1,(MCS0)_4TX	28.09	0.64417
VHT40-BF_Nss1,(MCS0)_4TX	26.83	0.48195

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.70	19.17	19.21	18.79	18.95	25.05	30.00
2417MHz	Pass	5.90	22.02	22.21	21.79	21.88	28.00	30.00
2437MHz	Pass	6.30	22.09	21.90	22.17	22.12	28.09	29.70
2457MHz	Pass	6.40	20.20	20.51	20.05	20.11	26.24	29.60
2462MHz	Pass	6.40	18.85	19.01	18.77	18.89	24.90	29.60
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.90	17.79	17.43	18.06	17.44	23.71	30.00
2427MHz	Pass	5.90	18.40	18.67	18.41	18.40	24.49	30.00
2437MHz	Pass	6.30	20.84	20.83	20.80	20.77	26.83	29.70
2447MHz	Pass	6.40	18.13	18.51	18.27	18.18	24.30	29.60
2452MHz	Pass	6.40	16.54	17.34	17.45	17.45	23.23	29.60

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

For non-beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	28.26	0.66988
802.11g_Nss1,(6Mbps)_4TX	29.75	0.94406
VHT20_Nss1,(MCS0)_4TX	29.51	0.89331
VHT40_Nss1,(MCS0)_4TX	26.42	0.43853

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	4.30	22.19	22.37	22.01	22.38	28.26	30.00
2437MHz	Pass	4.50	21.94	21.72	21.66	21.71	27.78	30.00
2462MHz	Pass	4.70	21.71	21.37	21.63	21.78	27.65	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.30	20.28	20.05	19.91	19.96	26.07	30.00
2417MHz	Pass	4.30	23.02	23.02	22.84	23.06	29.01	30.00
2437MHz	Pass	4.50	23.62	23.43	23.78	24.07	29.75	30.00
2457MHz	Pass	4.70	19.69	19.61	19.46	20.03	25.72	30.00
2462MHz	Pass	4.70	19.60	19.55	19.59	19.84	25.67	30.00
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.30	20.04	19.67	19.49	19.86	25.79	30.00
2417MHz	Pass	4.30	21.92	21.74	21.43	21.71	27.72	30.00
2437MHz	Pass	4.50	23.38	23.30	23.49	23.79	29.51	30.00
2457MHz	Pass	4.70	20.62	20.60	20.41	20.78	26.63	30.00
2462MHz	Pass	4.70	19.30	19.32	19.37	19.79	25.47	30.00
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.30	17.96	17.92	17.92	18.09	23.99	30.00
2437MHz	Pass	4.50	20.34	20.33	20.45	20.46	26.42	30.00
2452MHz	Pass	4.70	18.02	17.84	17.71	18.03	23.92	30.00

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

For beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20-BF_Nss1,(MCS0)_4TX	29.21	0.83368
VHT40-BF_Nss1,(MCS0)_4TX	26.02	0.39994

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.70	19.32	19.10	18.33	18.98	24.97	30.00
2417MHz	Pass	5.90	21.30	20.97	20.21	20.94	26.89	30.00
2437MHz	Pass	6.30	23.25	23.10	22.87	23.50	29.21	29.70
2457MHz	Pass	6.40	21.06	20.80	20.29	21.26	26.89	29.60
2462MHz	Pass	6.40	19.20	18.94	18.48	19.23	24.99	29.60
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.90	19.31	19.15	18.91	19.42	25.22	30.00
2437MHz	Pass	6.30	20.12	20.01	19.55	20.27	26.02	29.70
2452MHz	Pass	6.40	19.30	18.88	18.52	19.40	25.06	29.60

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

For non-beamforming mode:
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	5.99
802.11g_Nss1,(6Mbps)_4TX	4.98
VHT20_Nss1,(MCS0)_4TX	2.34
VHT40_Nss1,(MCS0)_4TX	-3.01

RBW=3 kHz.

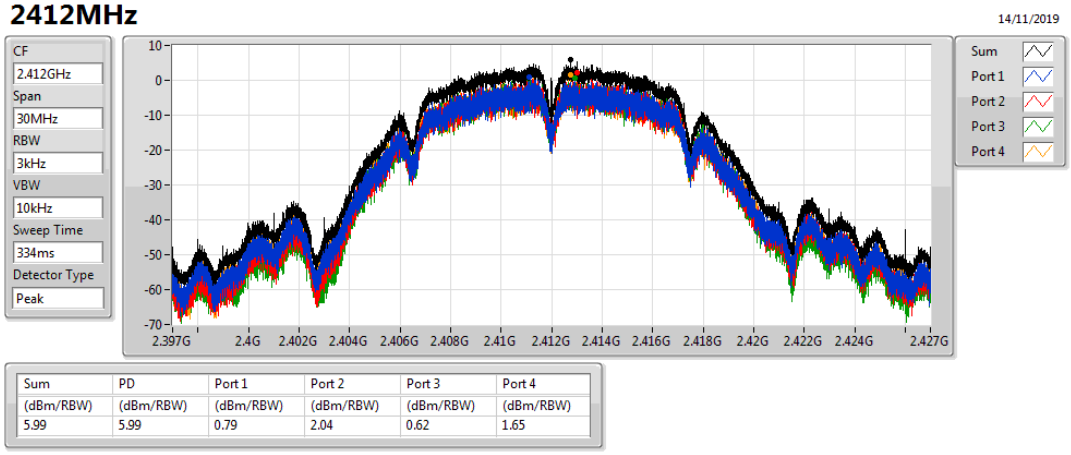
Result

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	5.70	0.79	2.04	0.62	1.65	5.99	8.00
2437MHz	Pass	6.30	0.34	0.65	0.31	1.14	4.37	7.70
2462MHz	Pass	6.40	0.00	0.12	-0.37	0.62	3.91	7.60
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.70	-6.51	-6.56	-6.36	-5.79	-0.69	8.00
2437MHz	Pass	6.30	-1.44	-0.31	-0.71	-0.69	4.98	7.70
2462MHz	Pass	6.40	-5.65	-6.31	-6.79	-5.50	-0.60	7.60
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.70	-5.91	-6.66	-6.22	-6.58	-1.96	8.00
2437MHz	Pass	6.30	-0.85	-1.33	-2.37	-0.99	2.34	7.70
2462MHz	Pass	6.40	-4.96	-6.66	-6.67	-6.67	-2.07	7.60
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.90	-9.85	-9.51	-10.69	-9.35	-5.59	8.00
2437MHz	Pass	6.30	-6.89	-7.12	-7.74	-8.11	-3.01	7.70
2452MHz	Pass	6.40	-9.03	-10.14	-10.56	-11.37	-6.58	7.60

DG = Directional Gain; RBW=3 kHz;
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

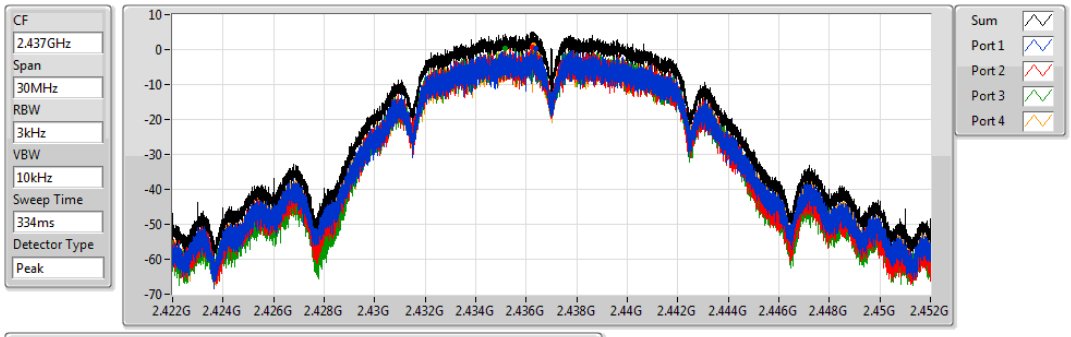
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	0.79	2.04	0.62	1.65

802.11b_Nss1,(1Mbps)_4TX PSD

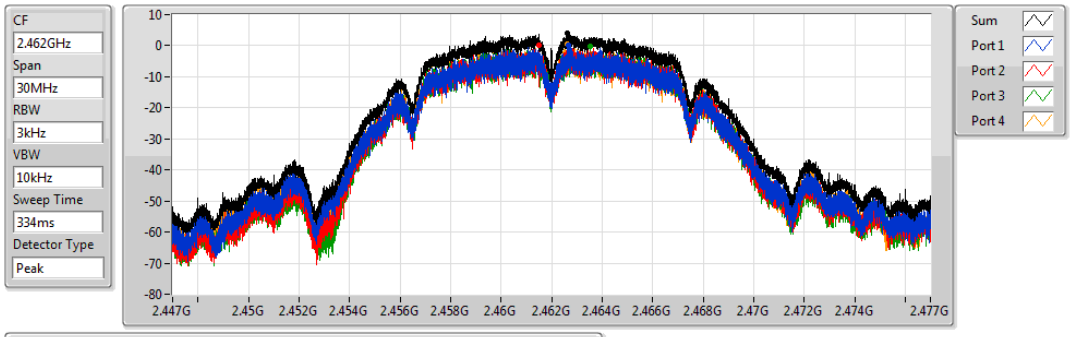
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	0.34	0.65	0.31	1.14

802.11b_Nss1,(1Mbps)_4TX PSD

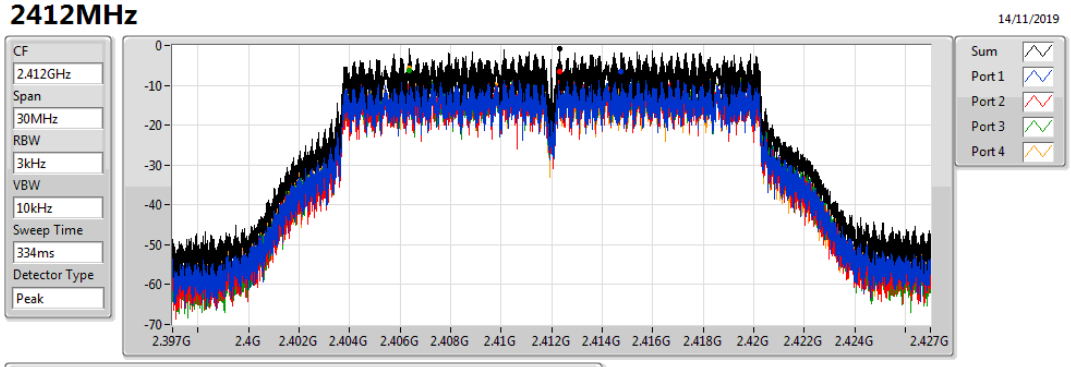
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	0.00	0.12	-0.37	0.62

802.11g_Nss1,(6Mbps)_4TX PSD

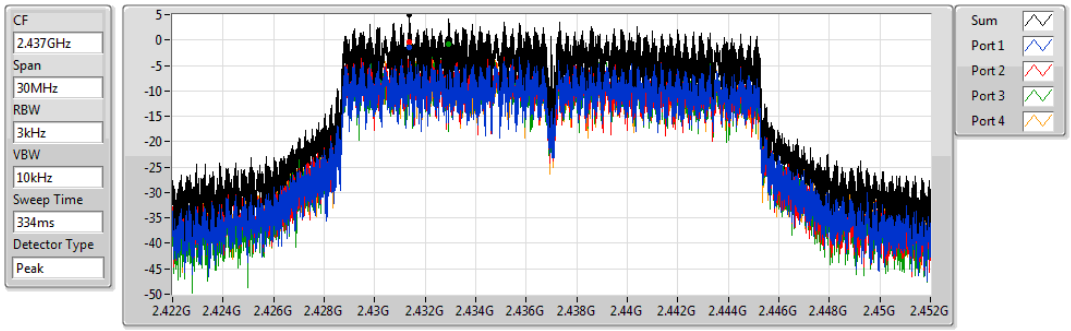
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.69	-0.69	-6.51	-6.56	-6.36	-5.79

802.11g_Nss1,(6Mbps)_4TX PSD

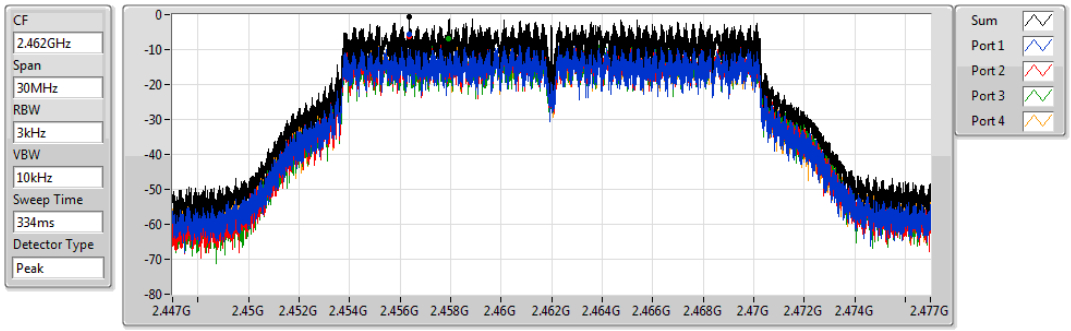
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	-1.44	-0.31	-0.71	-0.69

802.11g_Nss1,(6Mbps)_4TX PSD

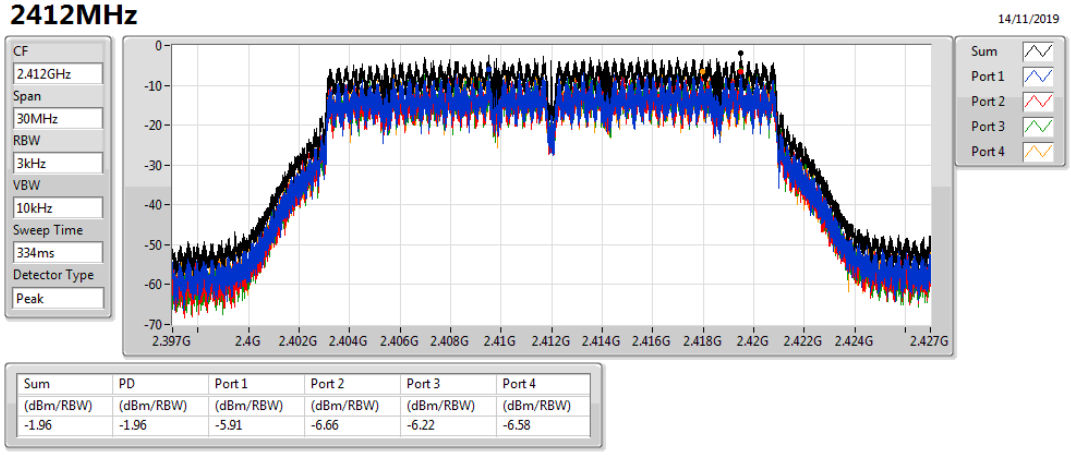
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.60	-0.60	-5.65	-6.31	-6.79	-5.50

VHT20_Nss1,(MCS0)_4TX **PSD**

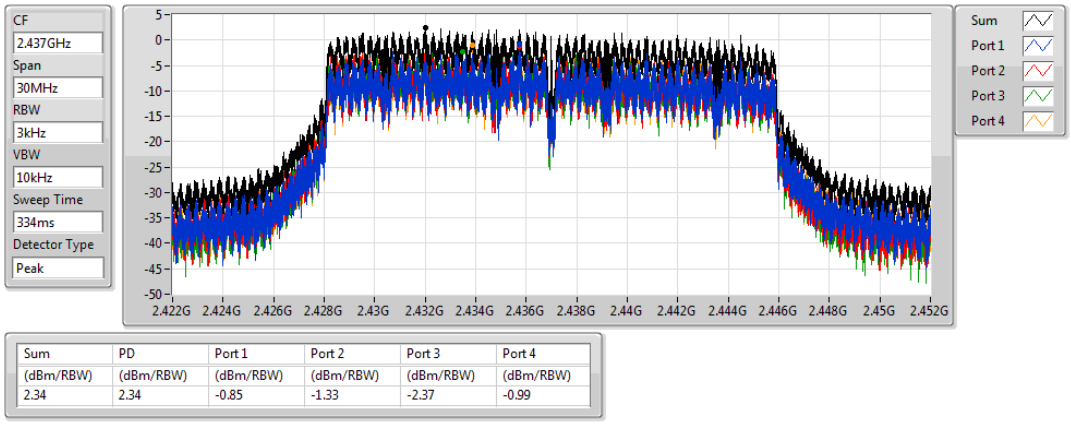
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.96	-1.96	-5.91	-6.66	-6.22	-6.58

VHT20_Nss1,(MCS0)_4TX **PSD**

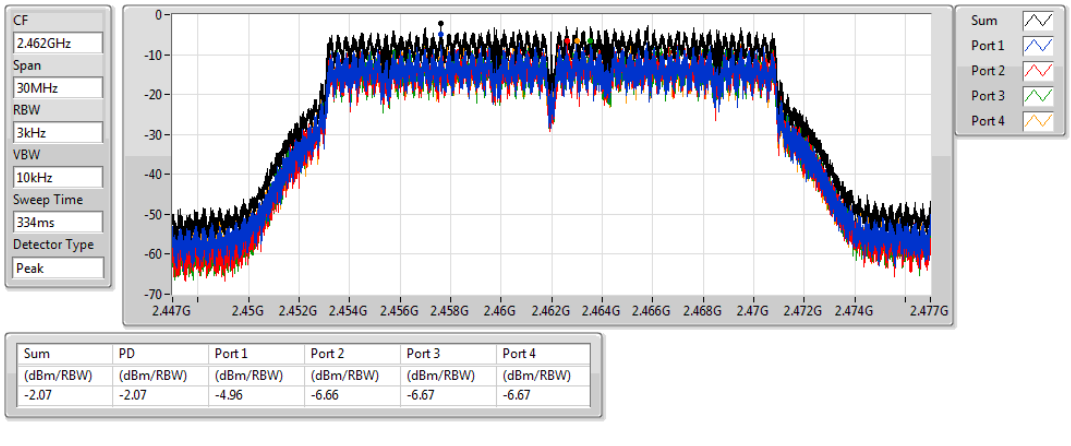
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.34	2.34	-0.85	-1.33	-2.37	-0.99

VHT20_Nss1,(MCS0)_4TX **PSD**

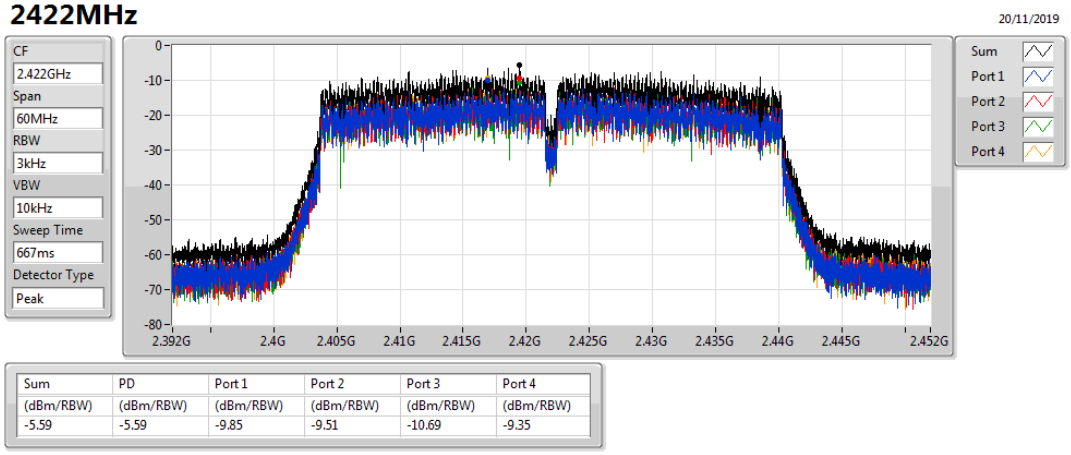
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.07	-2.07	-4.96	-6.66	-6.67	-6.67

VHT40_Nss1,(MCS0)_4TX PSD

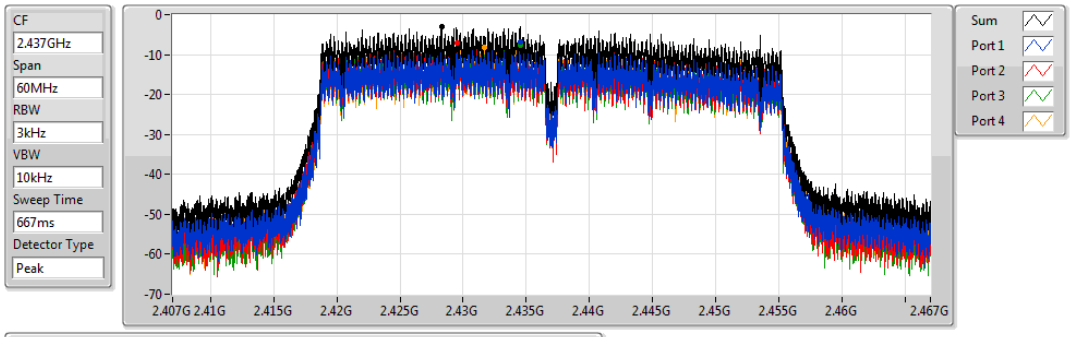
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.59	-5.59	-9.85	-9.51	-10.69	-9.35

VHT40_Nss1,(MCS0)_4TX PSD

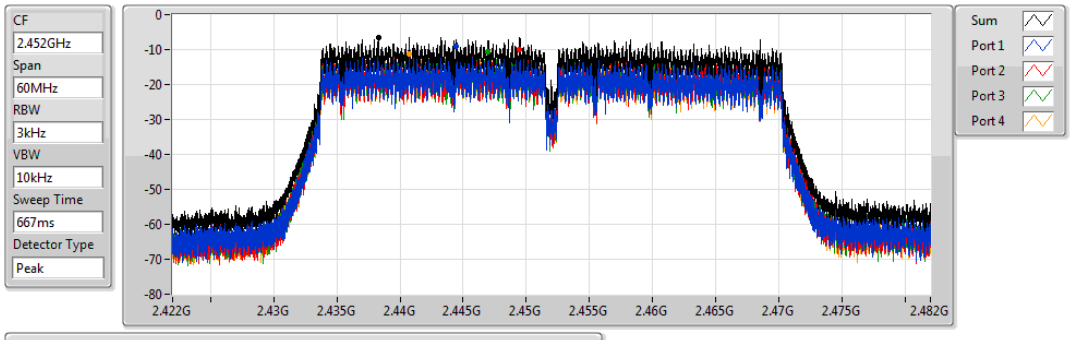
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.01	-3.01	-6.89	-7.12	-7.74	-8.11

VHT40_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)
-6.58	-6.58	-9.03	-10.14	-10.56	-11.37

For non-beamforming mode:
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss1,(MCS0)_4TX	2.48
VHT40-BF_Nss1,(MCS0)_4TX	0.21

RBW=3 kHz.

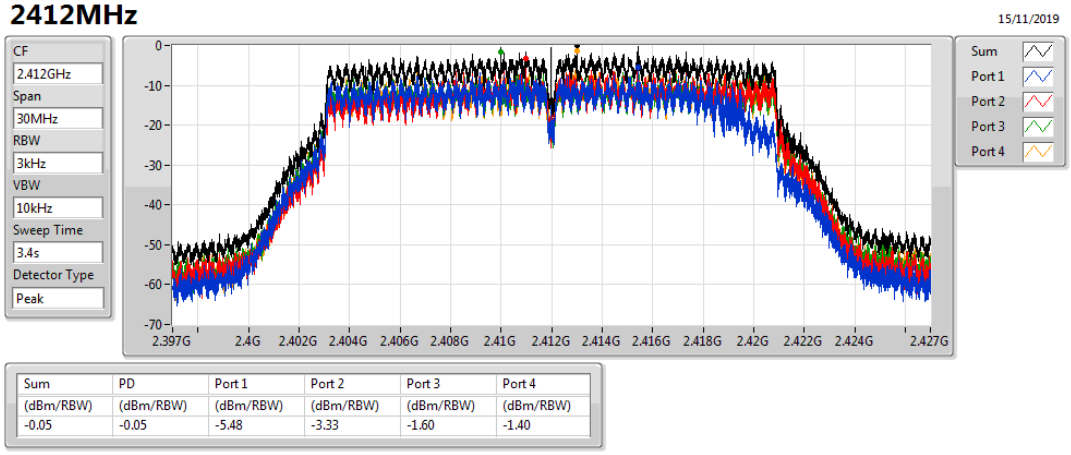
Result

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)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.70	-5.48	-3.33	-1.60	-1.40	-0.05	8.00
2437MHz	Pass	6.30	-2.03	-0.97	-2.46	0.24	2.48	7.70
2462MHz	Pass	6.40	-5.23	-6.49	-5.99	-2.93	-1.37	7.60
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.90	-7.24	-5.53	-6.45	-7.24	-4.28	8.00
2437MHz	Pass	6.30	-2.51	-4.38	-2.62	-3.96	0.21	7.70
2452MHz	Pass	6.40	-6.69	-7.59	-7.45	-7.09	-4.29	7.60

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

VHT20-BF_Nss1,(MCS0)_4TX **PSD**

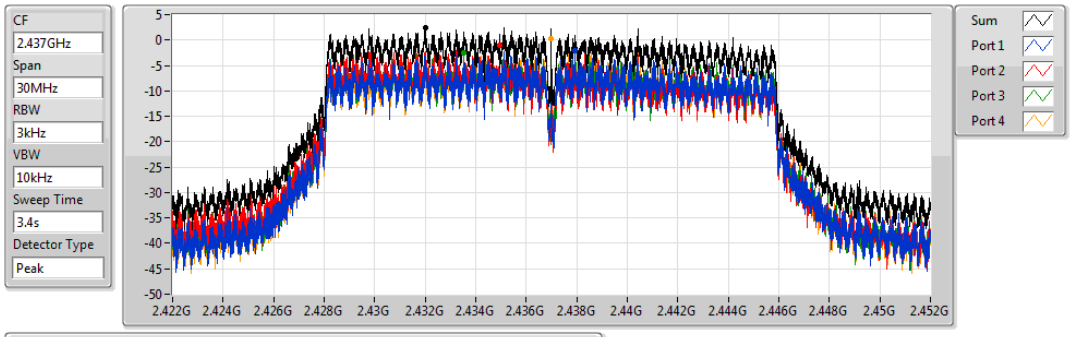
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.05	-0.05	-5.48	-3.33	-1.60	-1.40

VHT20-BF_Nss1,(MCS0)_4TX **PSD**

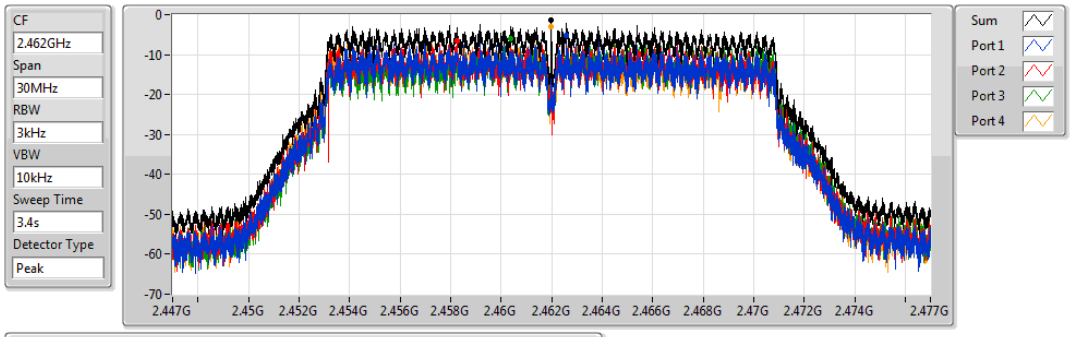
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.48	2.48	-2.03	-0.97	-2.46	0.24

VHT20-BF_Nss1,(MCS0)_4TX **PSD**

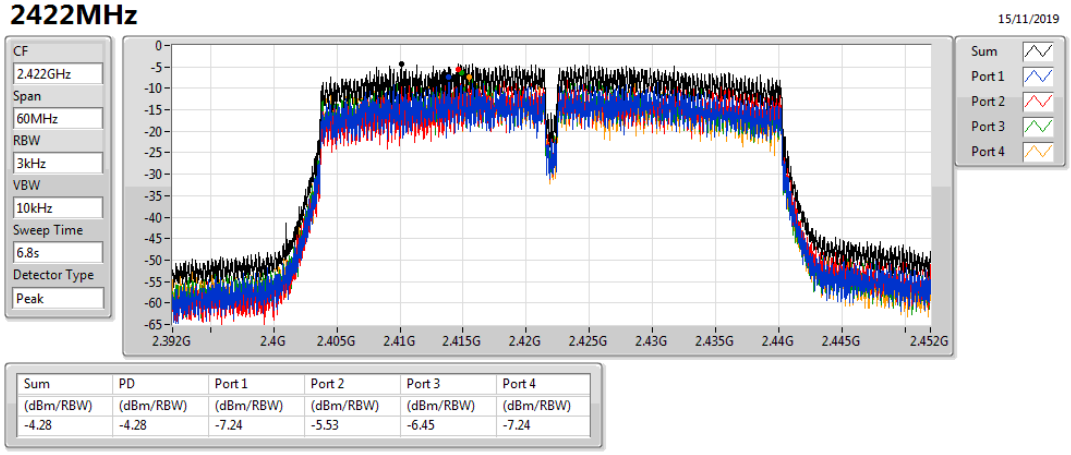
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.37	-1.37	-5.23	-6.49	-5.99	-2.93

VHT40-BF_Nss1,(MCS0)_4TX **PSD**

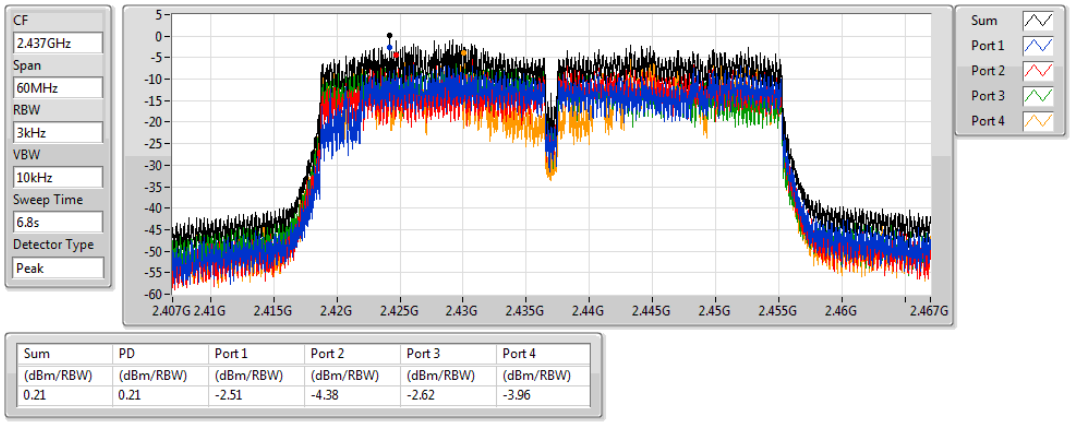
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.28	-4.28	-7.24	-5.53	-6.45	-7.24

VHT40-BF_Nss1,(MCS0)_4TX **PSD**

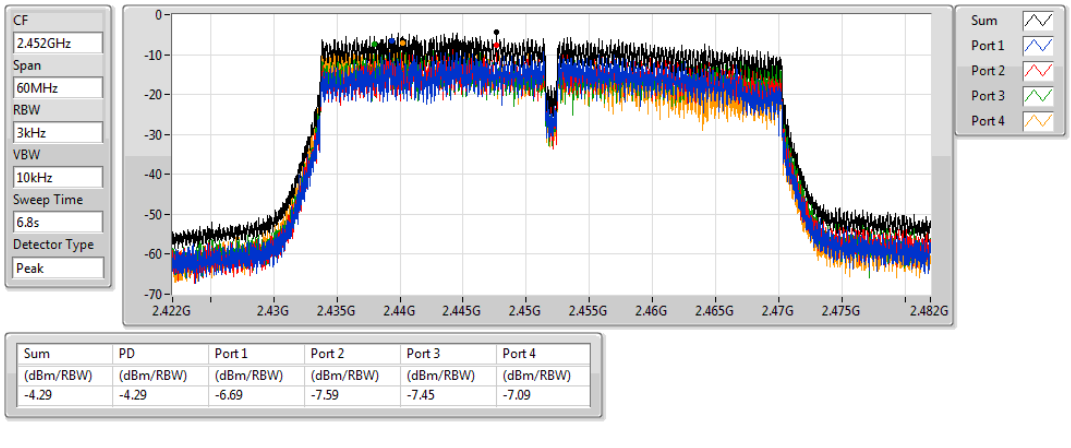
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.21	0.21	-2.51	-4.38	-2.62	-3.96

VHT40-BF_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)
-4.29	-4.29	-6.69	-7.59	-7.45	-7.09

For non-beamforming mode:
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	3.93
802.11g_Nss1,(6Mbps)_4TX	3.93
VHT20_Nss1,(MCS0)_4TX	2.82
VHT40_Nss1,(MCS0)_4TX	-0.76

RBW=3 kHz.

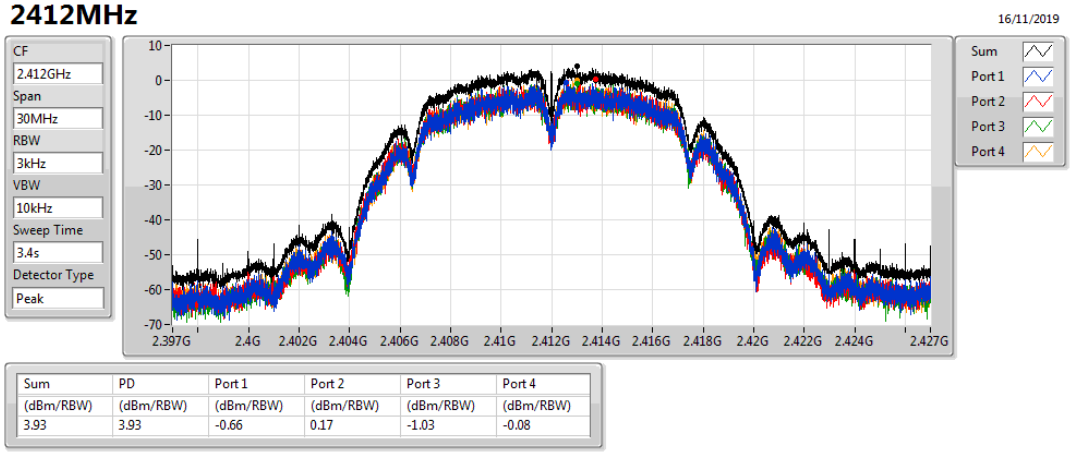
Result

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	5.70	-0.66	0.17	-1.03	-0.08	3.93	8.00
2437MHz	Pass	6.30	-0.68	-0.51	-0.65	-1.15	3.28	7.70
2462MHz	Pass	6.40	-1.02	-0.77	-1.03	-0.82	3.00	7.60
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.70	-4.73	-2.53	-5.07	-5.06	-0.22	8.00
2437MHz	Pass	6.30	0.72	1.44	0.05	0.02	3.93	7.70
2462MHz	Pass	6.40	-5.69	-3.58	-4.97	-5.50	0.46	7.60
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.70	-4.91	-2.84	-5.01	-5.83	-0.53	8.00
2437MHz	Pass	6.30	-1.14	0.73	-1.61	-1.28	2.82	7.70
2462MHz	Pass	6.40	-5.98	-4.43	-5.61	-5.23	-1.20	7.60
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.90	-8.83	-9.65	-8.61	-8.19	-4.18	8.00
2437MHz	Pass	6.30	-5.50	-5.72	-5.78	-5.32	-0.76	7.70
2452MHz	Pass	6.40	-8.58	-10.17	-9.51	-9.29	-4.59	7.60

DG = Directional Gain; RBW=3 kHz;
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

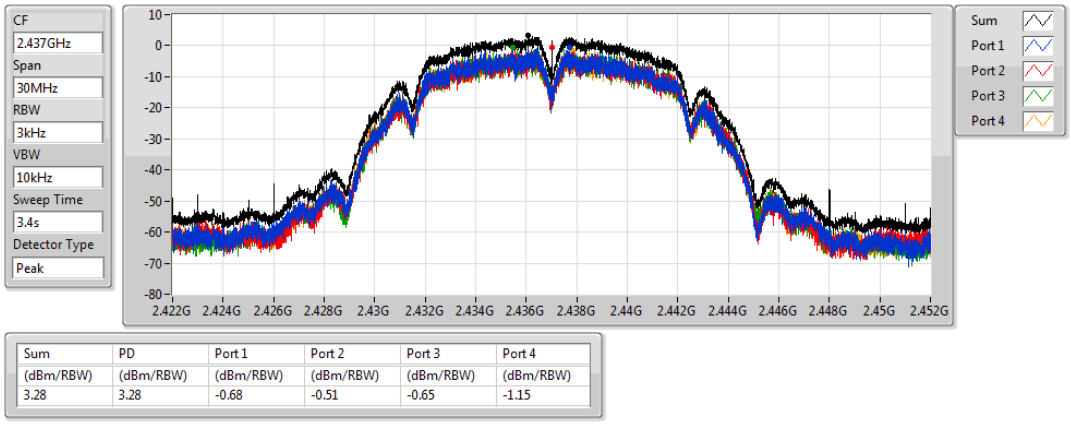
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	-0.66	0.17	-1.03	-0.08

802.11b_Nss1,(1Mbps)_4TX PSD

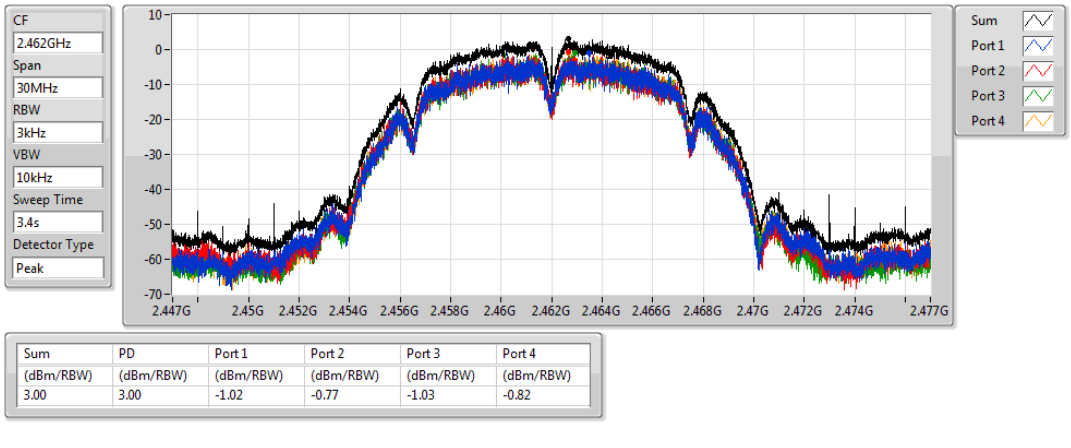
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	-0.68	-0.51	-0.65	-1.15

802.11b_Nss1,(1Mbps)_4TX PSD

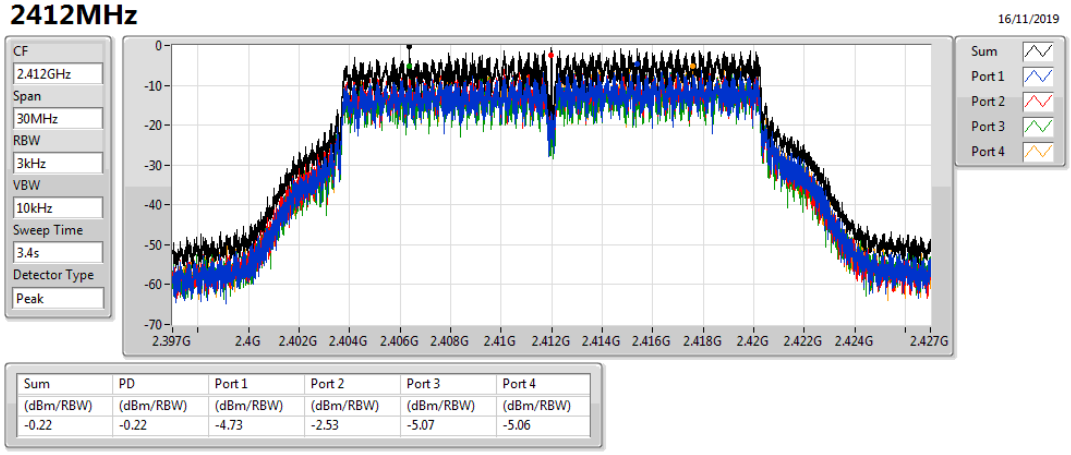
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	-1.02	-0.77	-1.03	-0.82

802.11g_Nss1,(6Mbps)_4TX PSD

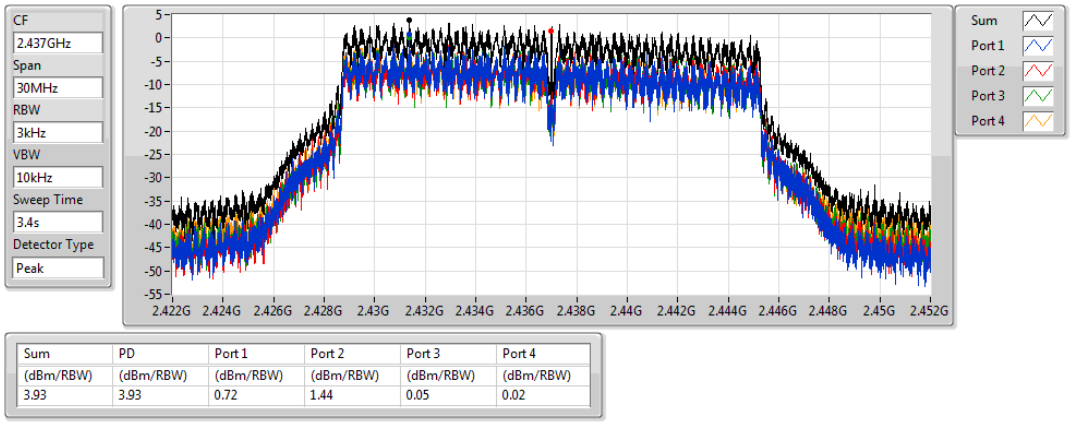
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.22	-0.22	-4.73	-2.53	-5.07	-5.06

802.11g_Nss1,(6Mbps)_4TX PSD

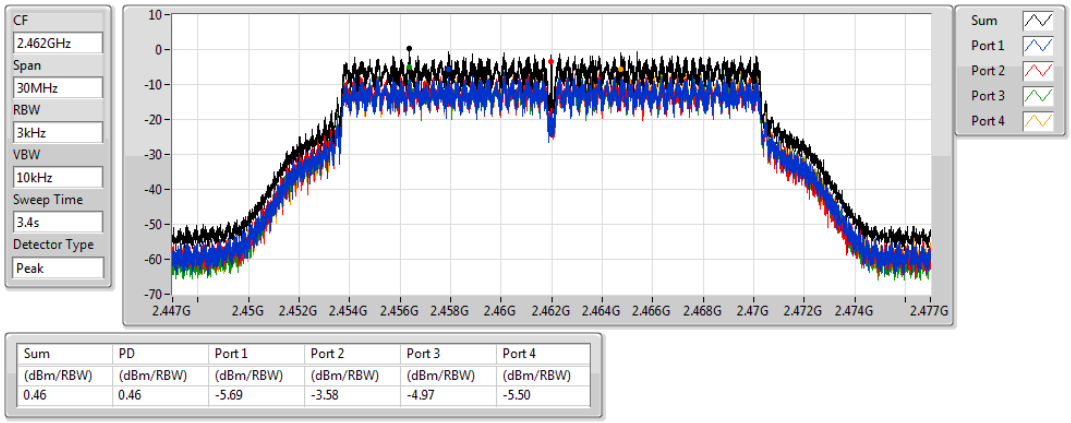
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	0.72	1.44	0.05	0.02

802.11g_Nss1,(6Mbps)_4TX PSD

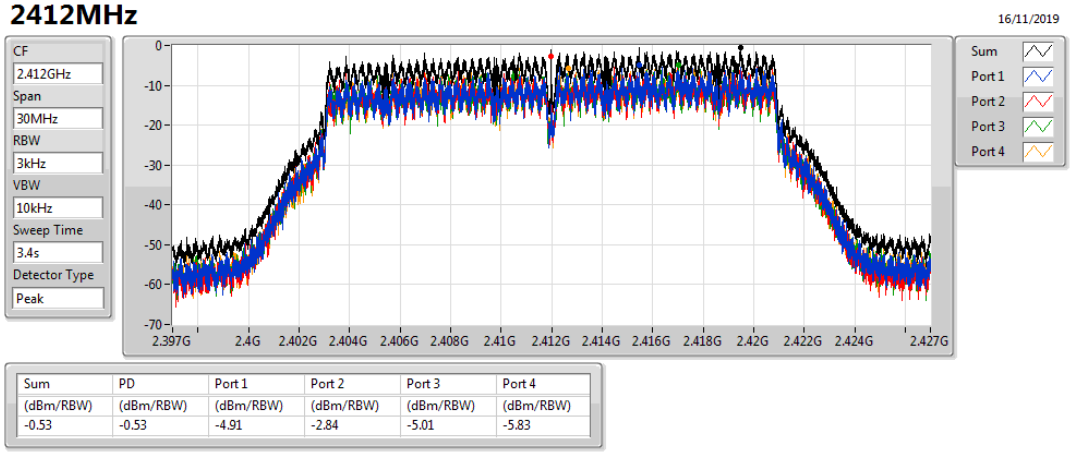
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.46	0.46	-5.69	-3.58	-4.97	-5.50

VHT20_Nss1,(MCS0)_4TX **PSD**

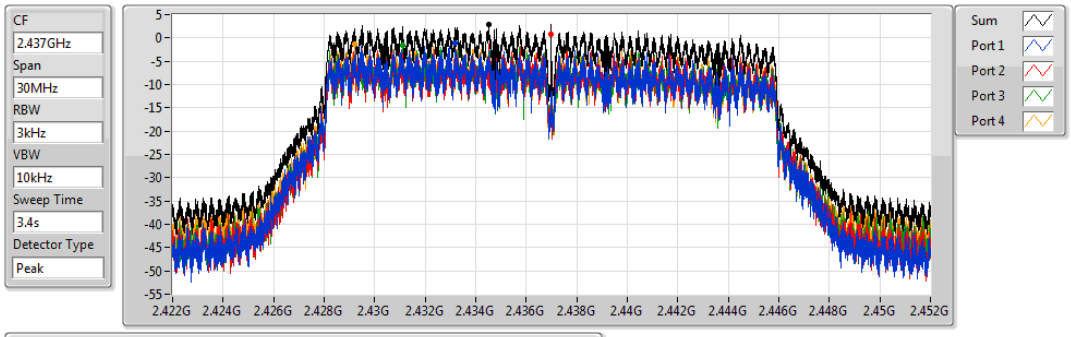
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.53	-0.53	-4.91	-2.84	-5.01	-5.83

VHT20_Nss1,(MCS0)_4TX **PSD**

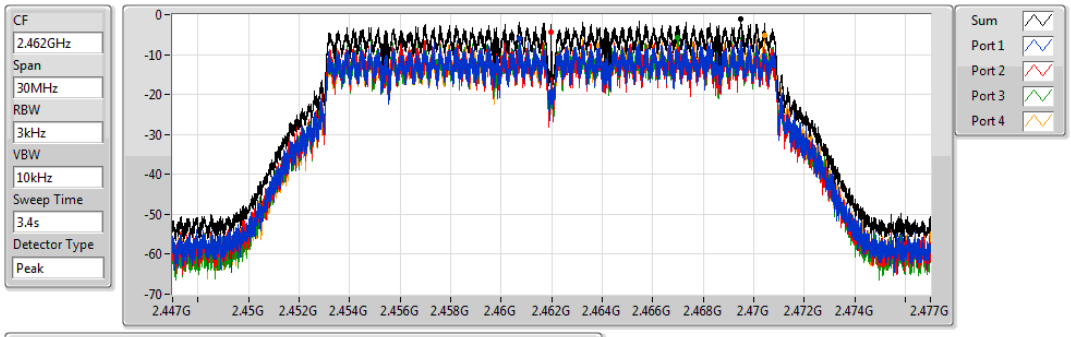
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.82	2.82	-1.14	0.73	-1.61	-1.28

VHT20_Nss1,(MCS0)_4TX **PSD**

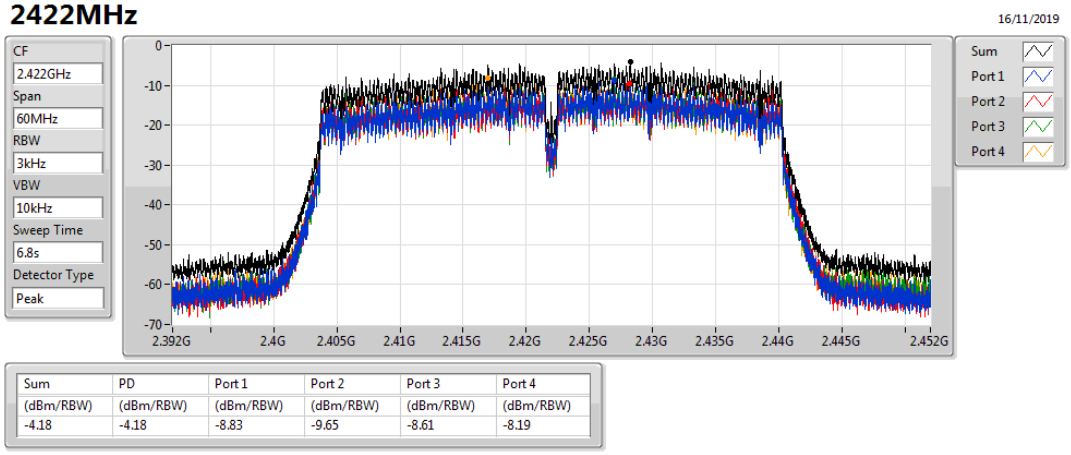
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.20	-1.20	-5.98	-4.43	-5.61	-5.23

VHT40_Nss1,(MCS0)_4TX **PSD**

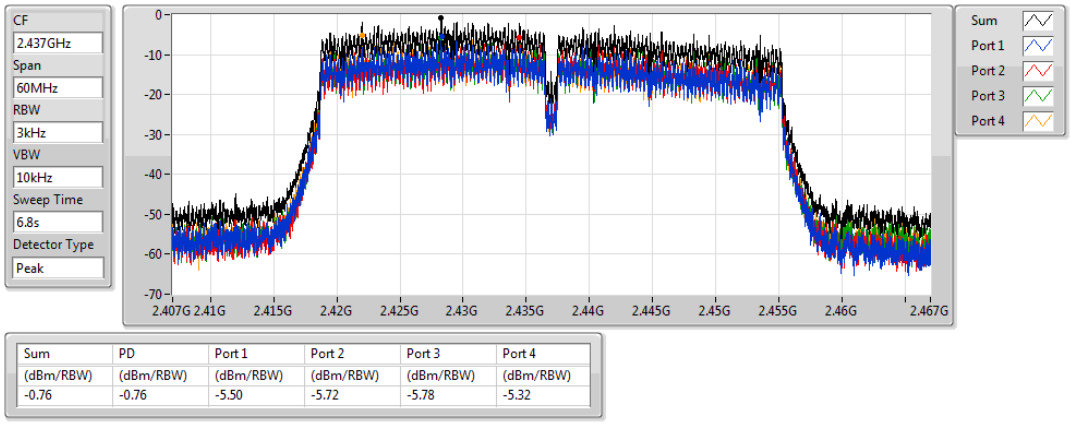
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.18	-4.18	-8.83	-9.65	-8.61	-8.19

VHT40_Nss1,(MCS0)_4TX **PSD**

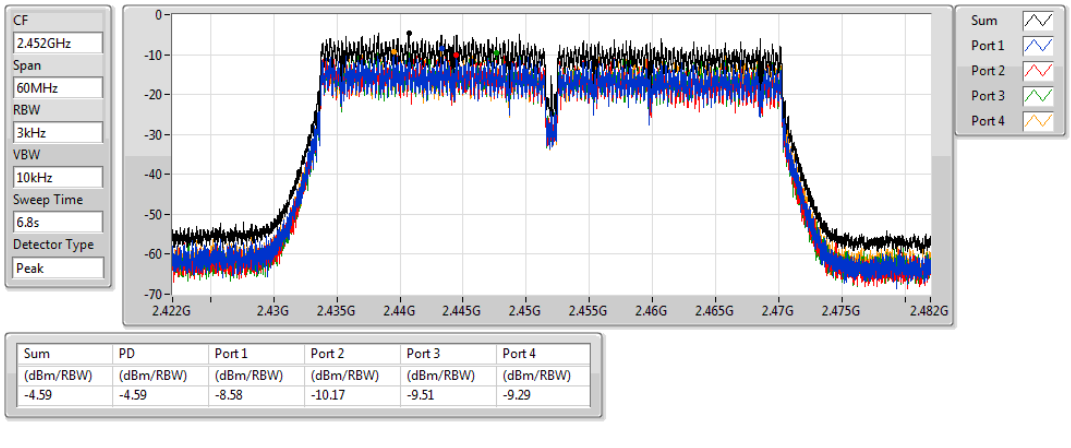
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.76	-0.76	-5.50	-5.72	-5.78	-5.32

VHT40_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)
-4.59	-4.59	-8.58	-10.17	-9.51	-9.29

For beamforming mode:
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss1,(MCS0)_4TX	2.78
VHT40-BF_Nss1,(MCS0)_4TX	-2.40

RBW=3 kHz.

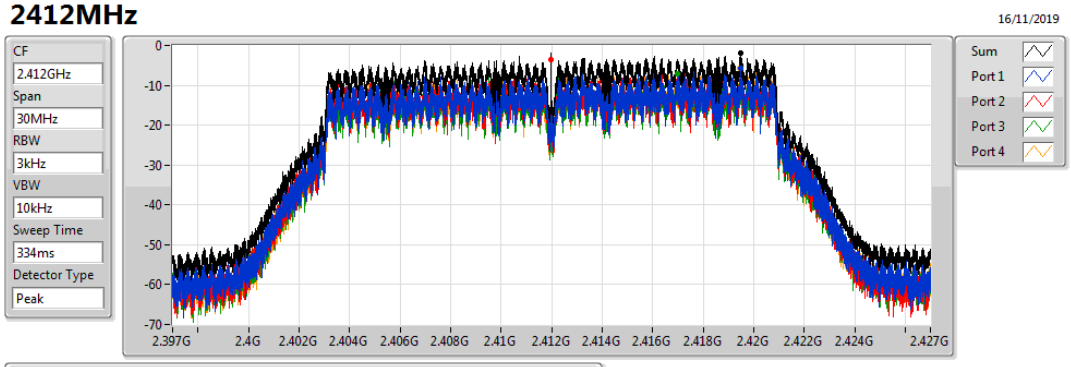
Result

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)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.70	-5.73	-3.65	-7.04	-5.69	-1.92	8.00
2437MHz	Pass	6.30	-1.92	0.88	-2.48	-1.13	2.78	7.70
2462MHz	Pass	6.40	-6.08	-3.39	-7.12	-5.81	-1.52	7.60
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.90	-7.21	-7.74	-8.31	-6.57	-3.37	8.00
2437MHz	Pass	6.30	-6.36	-7.71	-7.33	-5.57	-2.40	7.70
2452MHz	Pass	6.40	-7.99	-7.43	-8.51	-8.37	-3.87	7.60

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

VHT20-BF_Nss1,(MCS0)_4TX PSD

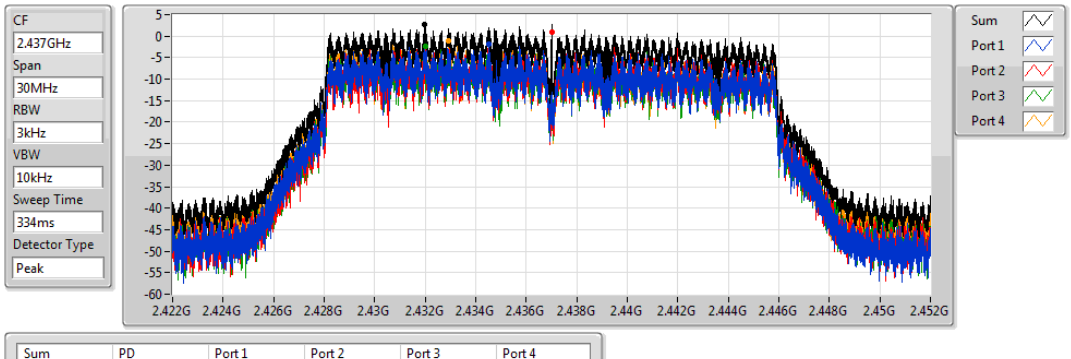
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.92	-1.92	-5.73	-3.65	-7.04	-5.69

VHT20-BF_Nss1,(MCS0)_4TX PSD

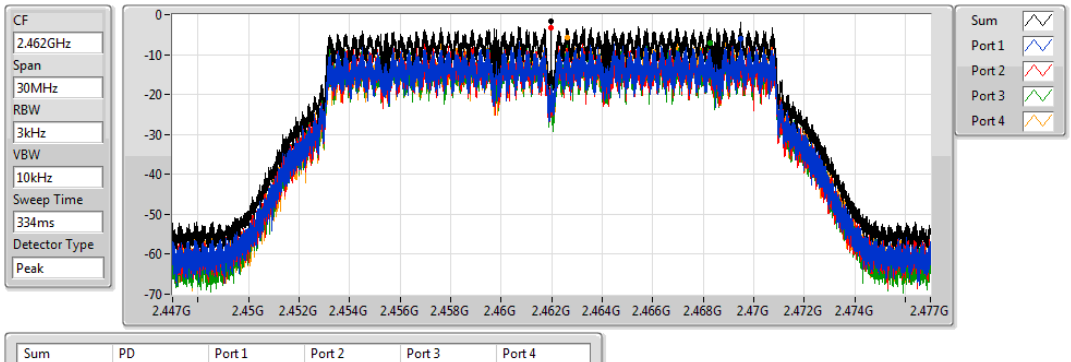
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-1.92	0.88	-2.48	-1.13

VHT20-BF_Nss1,(MCS0)_4TX PSD

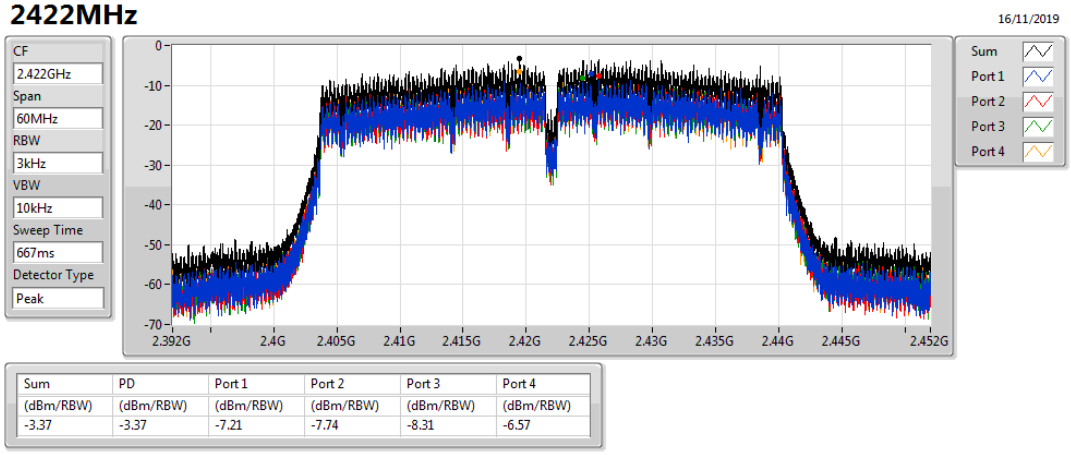
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.52	-1.52	-6.08	-3.39	-7.12	-5.81

VHT40-BF_Nss1,(MCS0)_4TX **PSD**

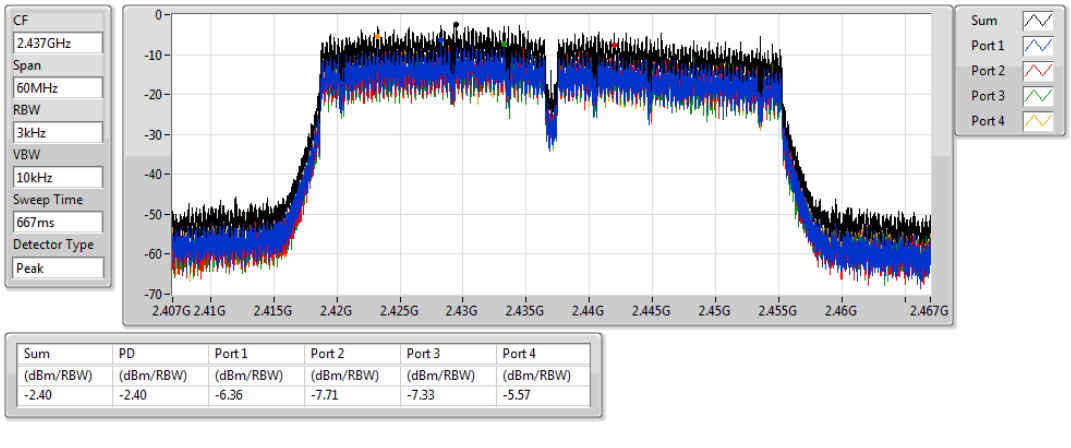
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.37	-3.37	-7.21	-7.74	-8.31	-6.57

VHT40-BF_Nss1,(MCS0)_4TX **PSD**

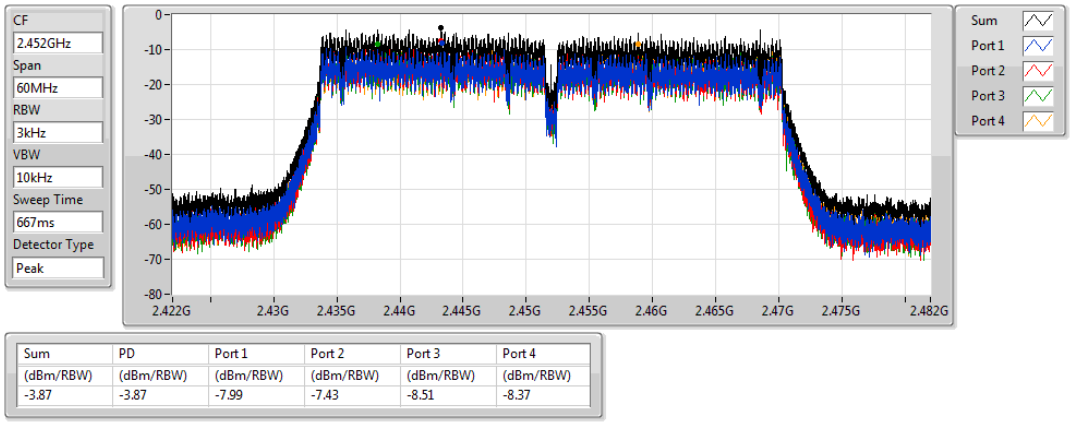
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.40	-2.40	-6.36	-7.71	-7.33	-5.57

VHT40-BF_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)
-3.87	-3.87	-7.99	-7.43	-8.51	-8.37

For 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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.41248G	15.37	-14.63	49.81M	-33.64	2.39998G	-31.91	2.4922G	-49.71	7.23514G	-44.57	4
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43073G	13.73	-16.27	49.81M	-32.54	2.39992G	-31.55	2.49216G	-50.40	16.62469G	-44.63	4
VHT20_Nss1,(MCS0)_4TX	Pass	2.43073G	13.82	-16.18	49.81M	-33.51	2.3994G	-27.37	2.49152G	-48.78	16.4505G	-44.63	4
VHT40_Nss1,(MCS0)_4TX	Pass	2.43198G	7.52	-22.48	49.75M	-33.15	2.39764G	-32.76	2.48478G	-44.60	16.58351G	-43.42	4

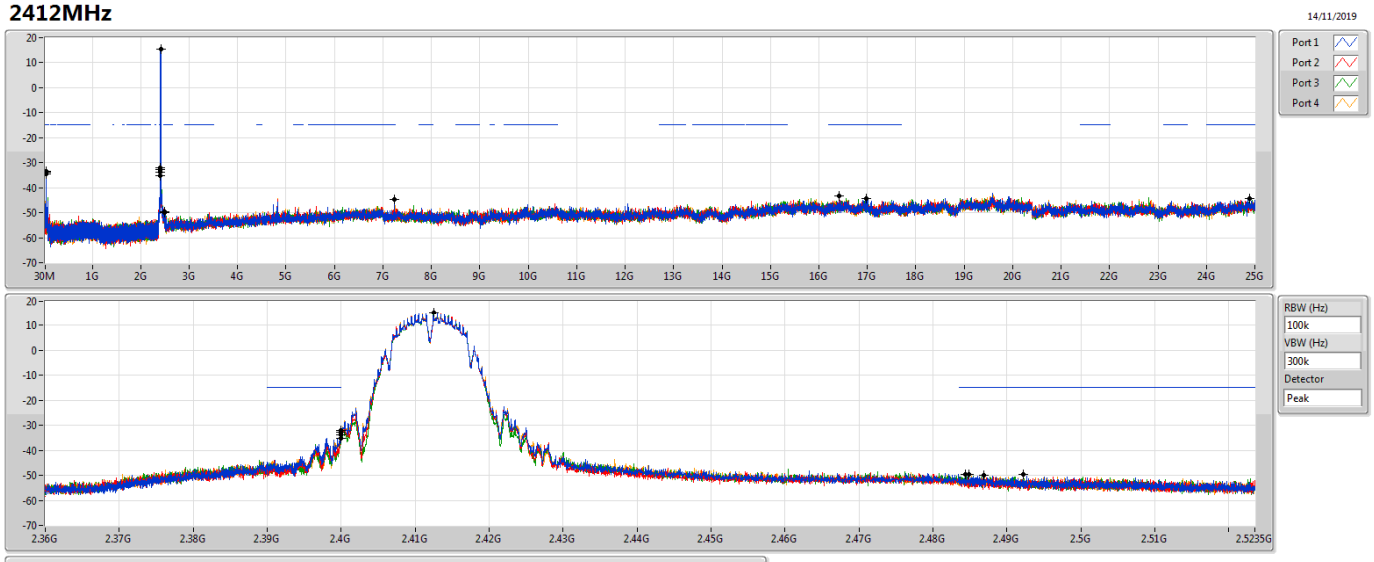
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41248G	15.37	-14.63	49.81M	-33.35	2.39998G	-32.57	2.48486G	-49.65	16.41679G	-43.38	1
2412MHz	Pass	2.41248G	15.37	-14.63	49.81M	-33.38	2.39998G	-33.81	2.48686G	-49.80	16.9787G	-44.47	2
2412MHz	Pass	2.41248G	15.37	-14.63	49.81M	-34.34	2.39996G	-35.11	2.4844G	-49.52	24.88481G	-44.20	3
2412MHz	Pass	2.41248G	15.37	-14.63	49.81M	-33.64	2.39998G	-31.91	2.4922G	-49.71	7.23514G	-44.57	4
2437MHz	Pass	2.41248G	15.37	-14.63	49.81M	-33.09	2.39868G	-45.80	2.4856G	-47.58	24.97752G	-44.22	1
2437MHz	Pass	2.41248G	15.37	-14.63	49.81M	-33.48	2.39988G	-46.05	2.48422G	-48.59	16.43645G	-43.83	2
2437MHz	Pass	2.41248G	15.37	-14.63	49.81M	-33.18	2.39932G	-45.03	2.48426G	-48.88	16.44488G	-44.80	3
2437MHz	Pass	2.41248G	15.37	-14.63	49.81M	-33.70	2.39934G	-46.52	2.49024G	-48.74	16.90846G	-44.82	4
2462MHz	Pass	2.41248G	15.37	-14.63	49.81M	-33.39	2.39988G	-47.19	2.48798G	-44.80	24.50833G	-44.40	1
2462MHz	Pass	2.41248G	15.37	-14.63	49.81M	-32.55	2.39434G	-48.62	2.48774G	-45.98	24.71342G	-44.32	2
2462MHz	Pass	2.41248G	15.37	-14.63	49.81M	-32.85	2.39606G	-48.28	2.48406G	-45.76	17.52375G	-44.20	3
2462MHz	Pass	2.41248G	15.37	-14.63	49.81M	-32.87	2.39756G	-48.64	2.48354G	-44.95	17.00679G	-44.26	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	13.73	-16.27	49.81M	-32.35	2.39964G	-31.66	2.4868G	-49.60	24.78647G	-43.95	1
2412MHz	Pass	2.43073G	13.73	-16.27	49.81M	-32.12	2.39996G	-33.64	2.48566G	-50.54	16.59098G	-44.89	2
2412MHz	Pass	2.43073G	13.73	-16.27	49.81M	-32.78	2.39994G	-33.02	2.4941G	-50.45	16.45893G	-44.39	3
2412MHz	Pass	2.43073G	13.73	-16.27	49.81M	-32.54	2.39992G	-31.55	2.49216G	-50.40	16.62469G	-44.63	4
2437MHz	Pass	2.43073G	13.73	-16.27	49.81M	-33.09	2.3999G	-42.88	2.4841G	-48.15	16.59379G	-44.46	1
2437MHz	Pass	2.43073G	13.73	-16.27	49.81M	-33.11	2.3995G	-41.90	2.4855G	-48.53	16.91127G	-44.78	2
2437MHz	Pass	2.43073G	13.73	-16.27	49.81M	-33.10	2.3998G	-41.17	2.4838G	-48.06	16.50669G	-44.51	3
2437MHz	Pass	2.43073G	13.73	-16.27	49.81M	-32.70	2.3975G	-42.61	2.48732G	-47.18	24.83424G	-43.96	4
2462MHz	Pass	2.43073G	13.73	-16.27	49.81M	-33.22	2.39606G	-48.73	2.48364G	-42.13	16.46736G	-44.17	1
2462MHz	Pass	2.43073G	13.73	-16.27	49.81M	-33.14	2.39484G	-49.19	2.48358G	-43.30	17.48723G	-44.32	2
2462MHz	Pass	2.43073G	13.73	-16.27	49.81M	-33.85	2.39056G	-49.00	2.48352G	-42.98	24.76681G	-44.24	3
2462MHz	Pass	2.43073G	13.73	-16.27	49.81M	-33.91	2.39708G	-48.99	2.4838G	-42.96	16.23136G	-44.53	4
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.72	2.39982G	-31.11	2.48704G	-50.46	16.37745G	-44.11	1
2412MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.72	2.39764G	-33.25	2.49732G	-50.74	16.59379G	-43.23	2
2412MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.87	2.39818G	-31.87	2.484G	-50.37	16.43645G	-44.12	3
2412MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.51	2.3994G	-27.37	2.49152G	-48.78	16.4505G	-44.63	4
2437MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.19	2.39888G	-39.97	2.48704G	-45.70	24.84547G	-44.94	1
2437MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.46	2.39832G	-40.21	2.48424G	-45.21	16.47017G	-43.67	2
2437MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.55	2.39922G	-41.18	2.48358G	-47.22	16.25102G	-44.43	3
2437MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.20	2.39918G	-39.69	2.4858G	-46.85	24.66566G	-44.66	4
2462MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.91	2.39662G	-49.07	2.4851G	-39.39	16.43083G	-43.96	1
2462MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.55	2.3987G	-49.59	2.48444G	-40.65	16.64717G	-44.30	2
2462MHz	Pass	2.43073G	13.82	-16.18	49.81M	-33.41	2.39536G	-49.94	2.48418G	-39.35	15.20587G	-44.01	3
2462MHz	Pass	2.43073G	13.82	-16.18	49.81M	-34.08	2.39854G	-49.50	2.48514G	-38.46	24.86795G	-43.38	4
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	7.52	-22.48	49.75M	-32.84	2.39388G	-36.64	2.56238G	-51.41	16.28062G	-44.53	1
2422MHz	Pass	2.43198G	7.52	-22.48	49.75M	-33.46	2.3962G	-43.29	2.49058G	-50.84	24.64382G	-44.58	2
2422MHz	Pass	2.43198G	7.52	-22.48	49.75M	-33.65	2.39508G	-42.12	2.49002G	-51.44	17.03785G	-43.91	3
2422MHz	Pass	2.43198G	7.52	-22.48	49.75M	-33.24	2.3992G	-41.15	2.49042G	-50.60	24.756G	-44.61	4
2437MHz	Pass	2.43198G	7.52	-22.48	49.75M	-33.15	2.39964G	-33.44	2.48386G	-42.61	24.92147G	-44.74	1
2437MHz	Pass	2.43198G	7.52	-22.48	49.75M	-33.17	2.39964G	-33.74	2.48362G	-44.71	16.59473G	-43.92	2
2437MHz	Pass	2.43198G	7.52	-22.48	49.75M	-33.63	2.39964G	-35.11	2.48354G	-45.63	16.48535G	-44.35	3
2437MHz	Pass	2.43198G	7.52	-22.48	49.75M	-33.15	2.39764G	-32.76	2.48478G	-44.60	16.58351G	-43.42	4

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2452MHz	Pass	2.43198G	7.52	-22.48	49.75M	-35.58	2.39856G	-50.11	2.48406G	-41.92	24.91306G	-43.81	1
2452MHz	Pass	2.43198G	7.52	-22.48	49.75M	-36.68	2.39464G	-48.31	2.48946G	-41.82	16.47693G	-44.46	2
2452MHz	Pass	2.43198G	7.52	-22.48	49.75M	-36.37	2.39452G	-47.72	2.4845G	-41.80	16.88921G	-43.56	3
2452MHz	Pass	2.43198G	7.52	-22.48	49.75M	-37.11	2.39992G	-49.15	2.48662G	-42.19	16.59753G	-43.48	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

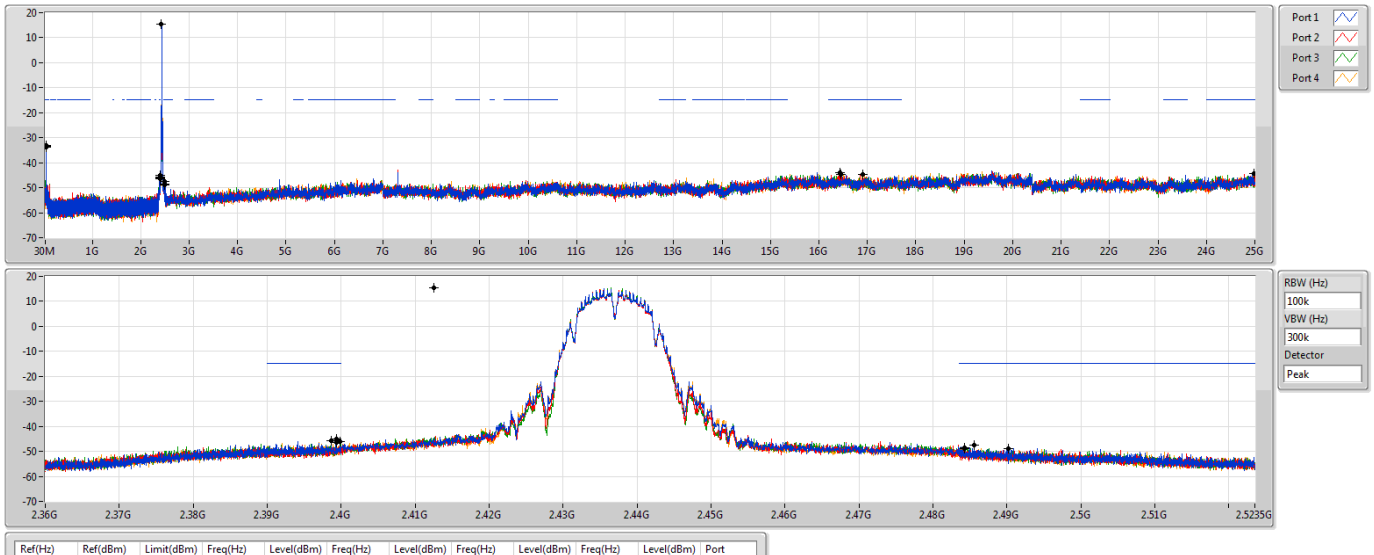
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	15.37	-14.63	49.81M	-33.35	2.39998G	-32.57	2.48486G	-49.65	16.41679G	-43.38	1
2.41248G	15.37	-14.63	49.81M	-33.38	2.39998G	-33.81	2.48686G	-49.80	16.9787G	-44.47	2
2.41248G	15.37	-14.63	49.81M	-34.34	2.39996G	-35.11	2.4844G	-49.52	24.88481G	-44.20	3
2.41248G	15.37	-14.63	49.81M	-33.64	2.39998G	-31.91	2.4922G	-49.71	7.23514G	-44.57	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

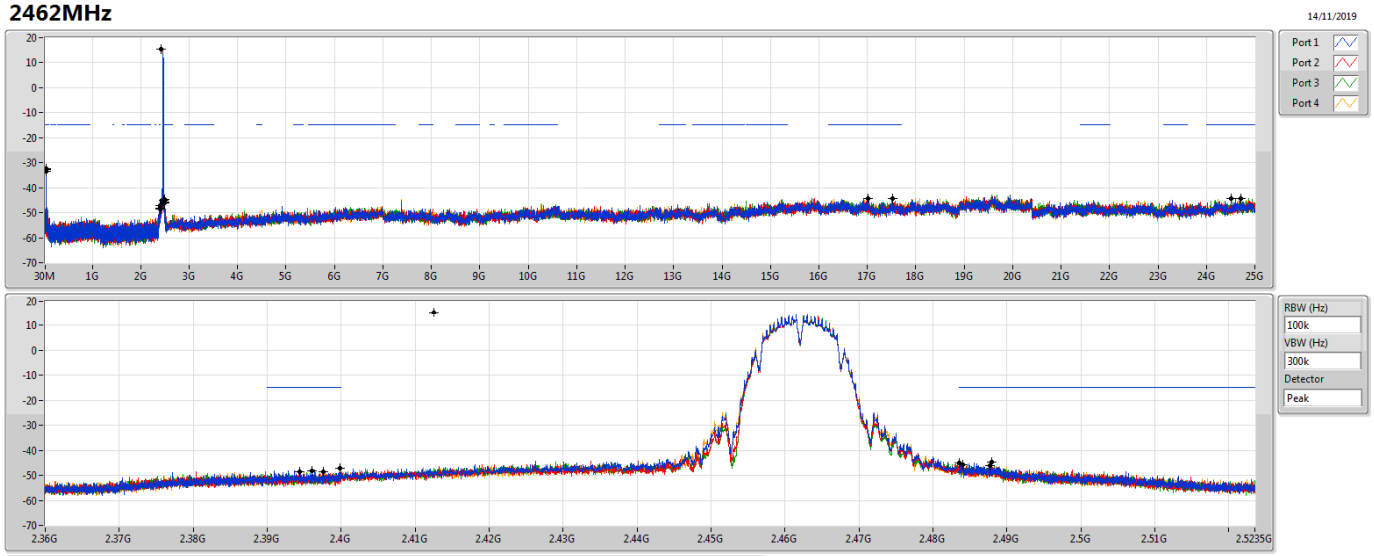
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	15.37	-14.63	49.81M	-33.09	2.39868G	-45.80	2.4856G	-47.58	24.97752G	-44.22	1
2.41248G	15.37	-14.63	49.81M	-33.48	2.39988G	-46.05	2.48422G	-48.59	16.43645G	-43.83	2
2.41248G	15.37	-14.63	49.81M	-33.18	2.39932G	-45.03	2.48426G	-48.88	16.44488G	-44.80	3
2.41248G	15.37	-14.63	49.81M	-33.70	2.39934G	-46.52	2.49024G	-48.74	16.90846G	-44.82	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

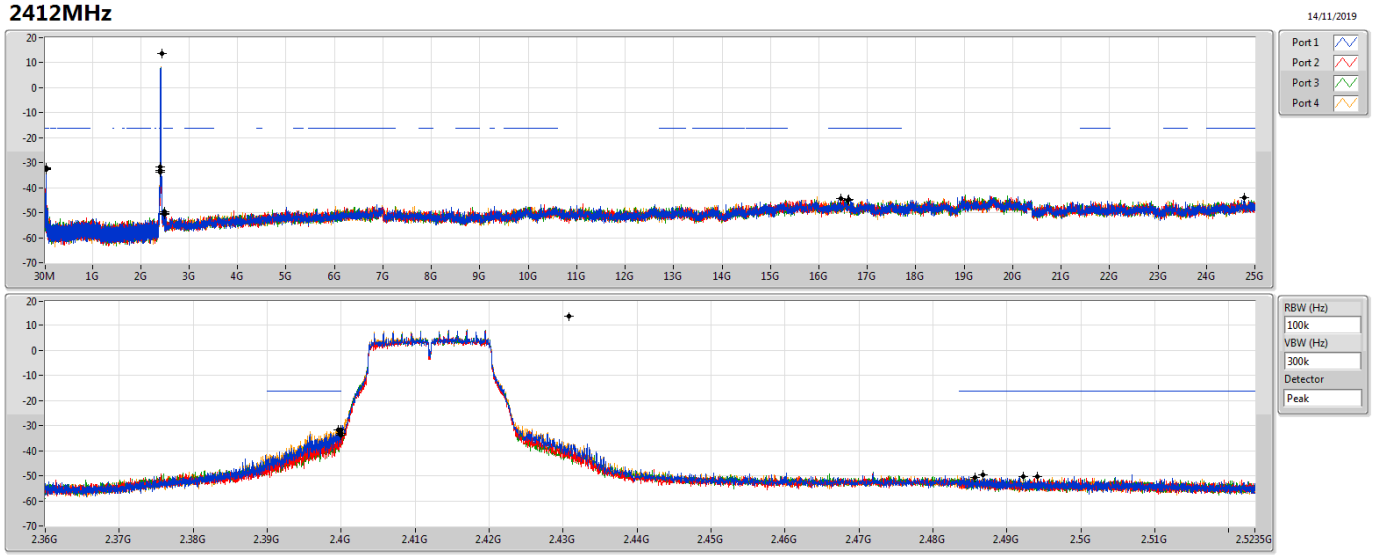
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	15.37	-14.63	49.81M	-33.39	2.39988G	-47.19	2.48798G	-44.80	24.50833G	-44.40	1
2.41248G	15.37	-14.63	49.81M	-32.55	2.39434G	-48.62	2.48774G	-45.98	24.71342G	-44.32	2
2.41248G	15.37	-14.63	49.81M	-32.85	2.39606G	-48.28	2.48406G	-45.76	17.52375G	-44.20	3
2.41248G	15.37	-14.63	49.81M	-32.87	2.39756G	-48.64	2.48354G	-44.95	17.00679G	-44.26	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

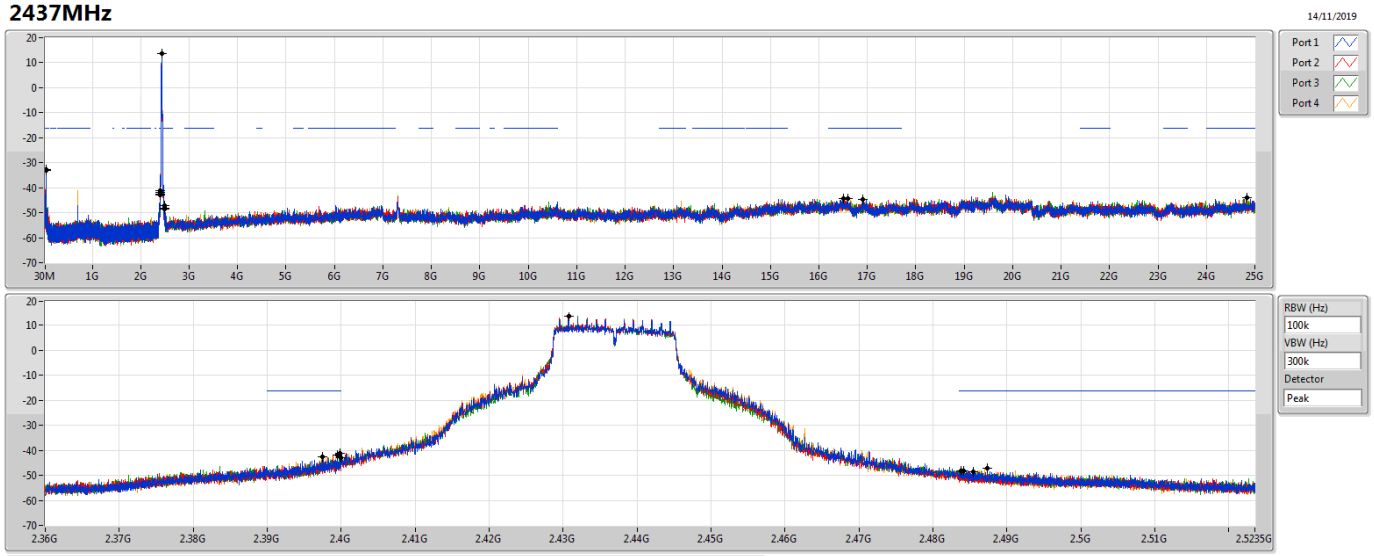
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.73	-16.27	49.81M	-32.35	2.39964G	-31.66	2.4868G	-49.60	24.78647G	-43.95	1
2.43073G	13.73	-16.27	49.81M	-32.12	2.39996G	-33.64	2.48566G	-50.54	16.59098G	-44.89	2
2.43073G	13.73	-16.27	49.81M	-32.78	2.39994G	-33.02	2.4941G	-50.45	16.45893G	-44.39	3
2.43073G	13.73	-16.27	49.81M	-32.54	2.39992G	-31.55	2.49216G	-50.40	16.62469G	-44.63	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

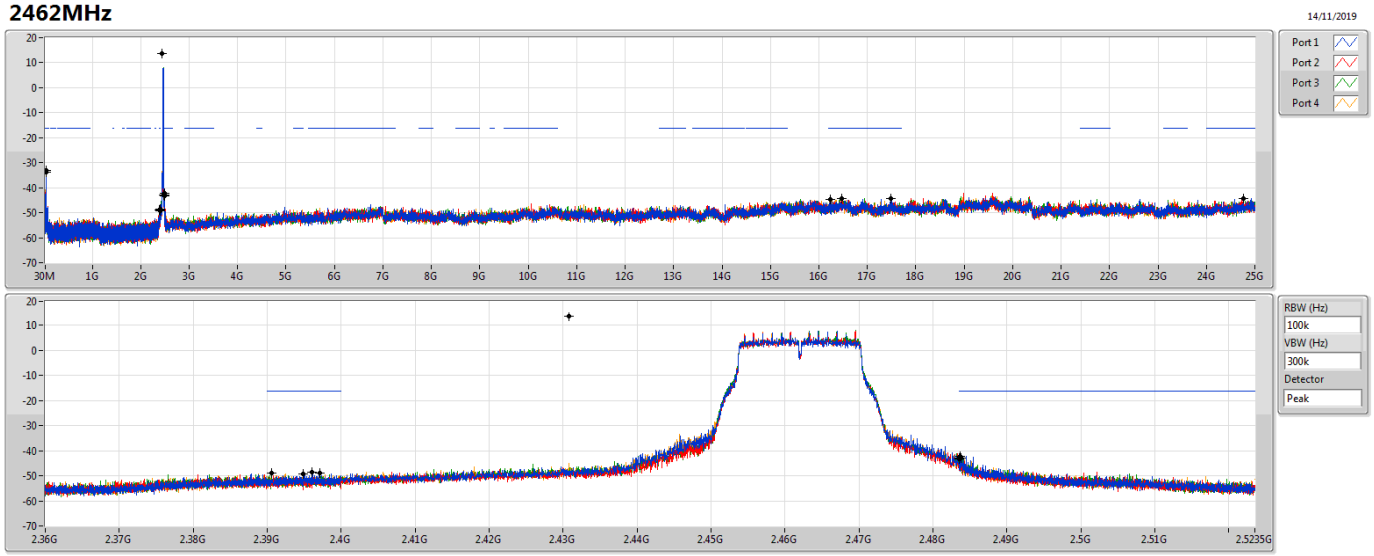
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.73	-16.27	49.81M	-33.09	2.3999G	-42.88	2.4841G	-48.15	16.59379G	-44.46	1
2.43073G	13.73	-16.27	49.81M	-33.11	2.3995G	-41.90	2.4855G	-48.53	16.91127G	-44.78	2
2.43073G	13.73	-16.27	49.81M	-33.10	2.3998G	-41.17	2.4838G	-48.06	16.50669G	-44.51	3
2.43073G	13.73	-16.27	49.81M	-32.70	2.3975G	-42.61	2.48732G	-47.18	24.83424G	-43.96	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

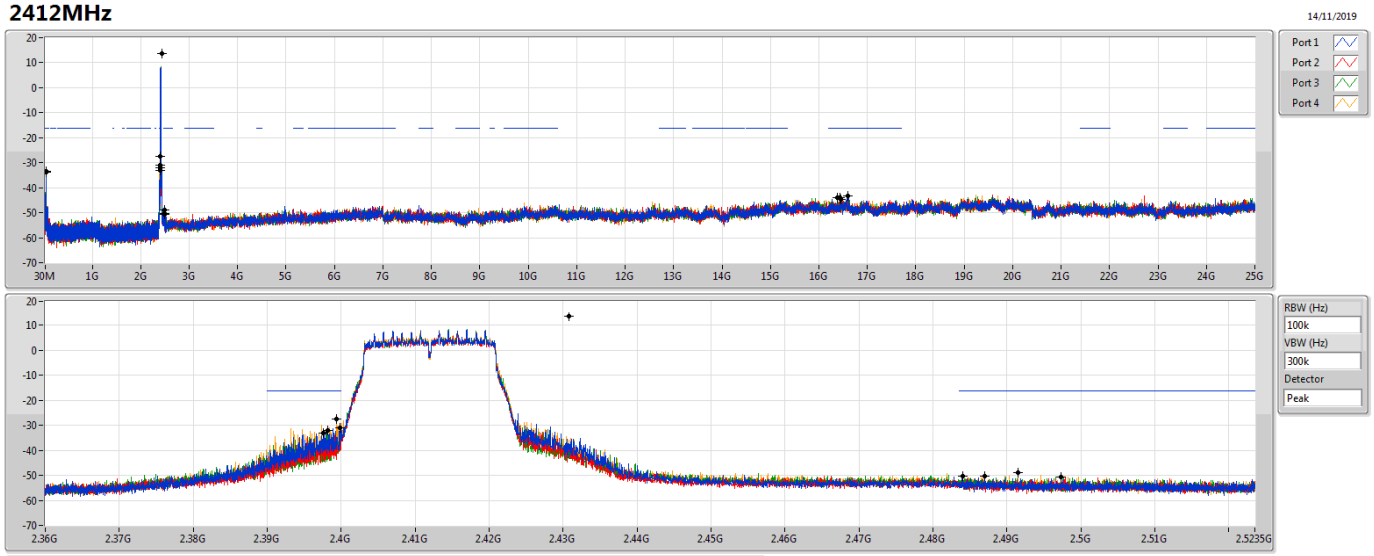
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.73	-16.27	49.81M	-33.22	2.39606G	-48.73	2.48364G	-42.13	16.46736G	-44.17	1
2.43073G	13.73	-16.27	49.81M	-33.14	2.39484G	-49.19	2.48358G	-43.30	17.48723G	-44.32	2
2.43073G	13.73	-16.27	49.81M	-33.85	2.39056G	-49.00	2.48352G	-42.98	24.76681G	-44.24	3
2.43073G	13.73	-16.27	49.81M	-33.91	2.39708G	-48.99	2.4838G	-42.96	16.23136G	-44.53	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

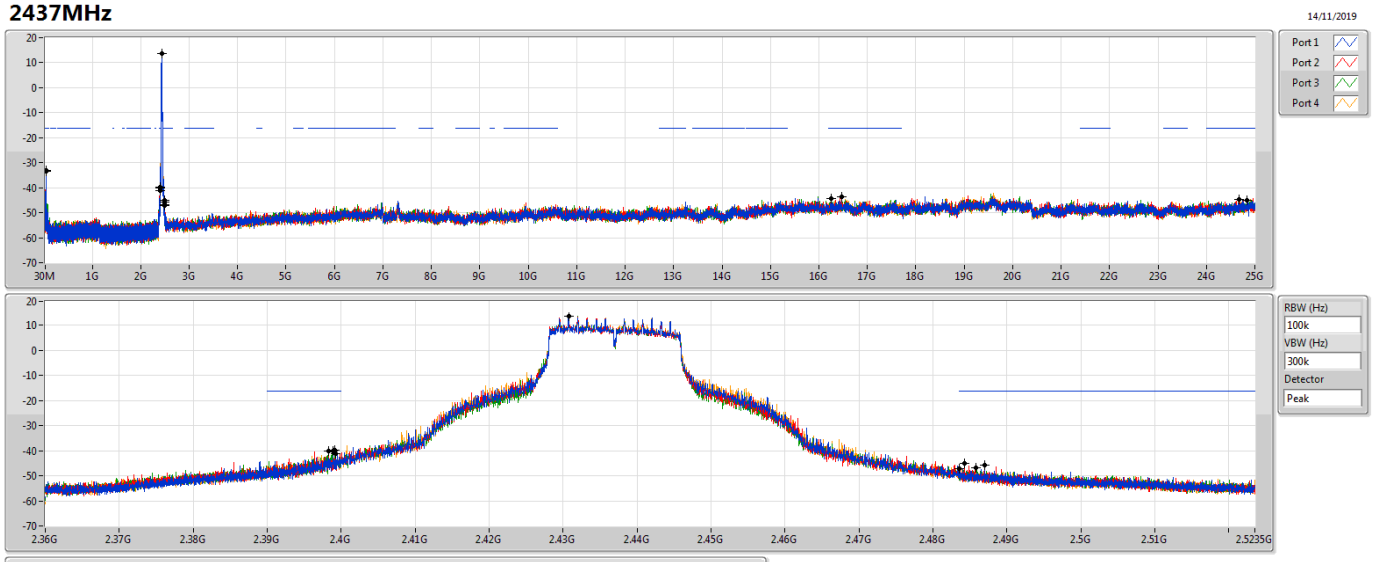
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.82	-16.18	49.81M	-33.72	2.39982G	-31.11	2.48704G	-50.46	16.37745G	-44.11	1
2.43073G	13.82	-16.18	49.81M	-33.72	2.39764G	-33.25	2.49732G	-50.74	16.59379G	-43.23	2
2.43073G	13.82	-16.18	49.81M	-33.87	2.39818G	-31.87	2.484G	-50.37	16.43645G	-44.12	3
2.43073G	13.82	-16.18	49.81M	-33.51	2.3994G	-27.37	2.49152G	-48.78	16.4505G	-44.63	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

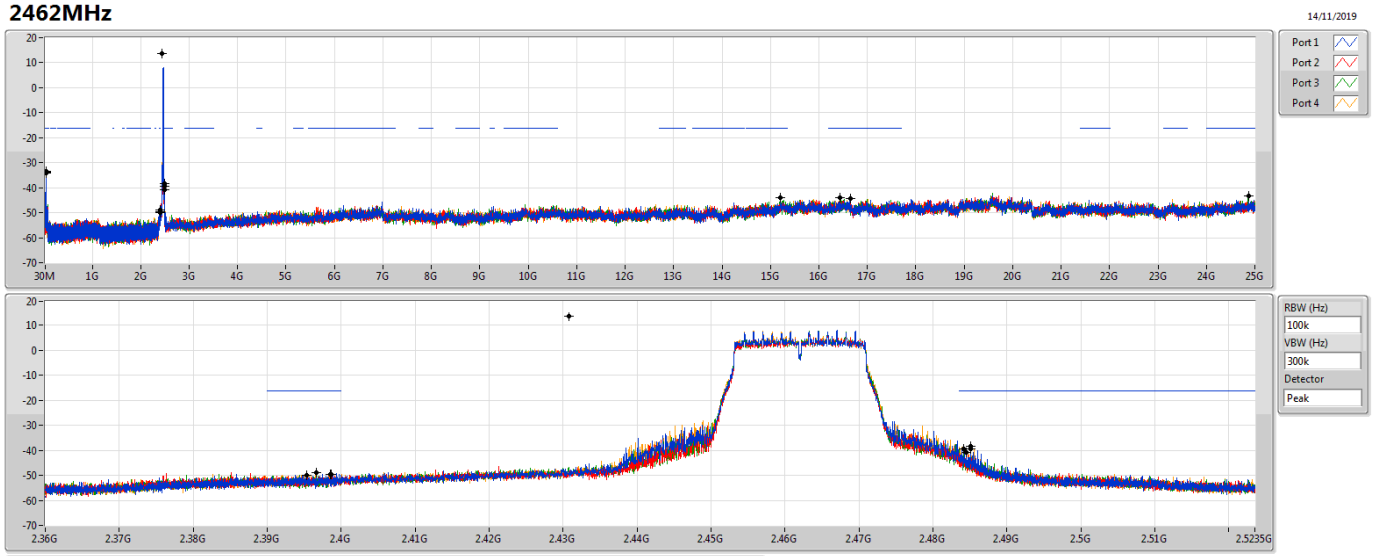
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.82	-16.18	49.81M	-33.19	2.39888G	-39.97	2.48704G	-45.70	24.84547G	-44.94	1
2.43073G	13.82	-16.18	49.81M	-33.46	2.39832G	-40.21	2.48424G	-45.21	16.47017G	-43.67	2
2.43073G	13.82	-16.18	49.81M	-33.55	2.39922G	-41.18	2.48358G	-47.22	16.25102G	-44.43	3
2.43073G	13.82	-16.18	49.81M	-33.20	2.39918G	-39.69	2.4858G	-46.85	24.66566G	-44.66	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

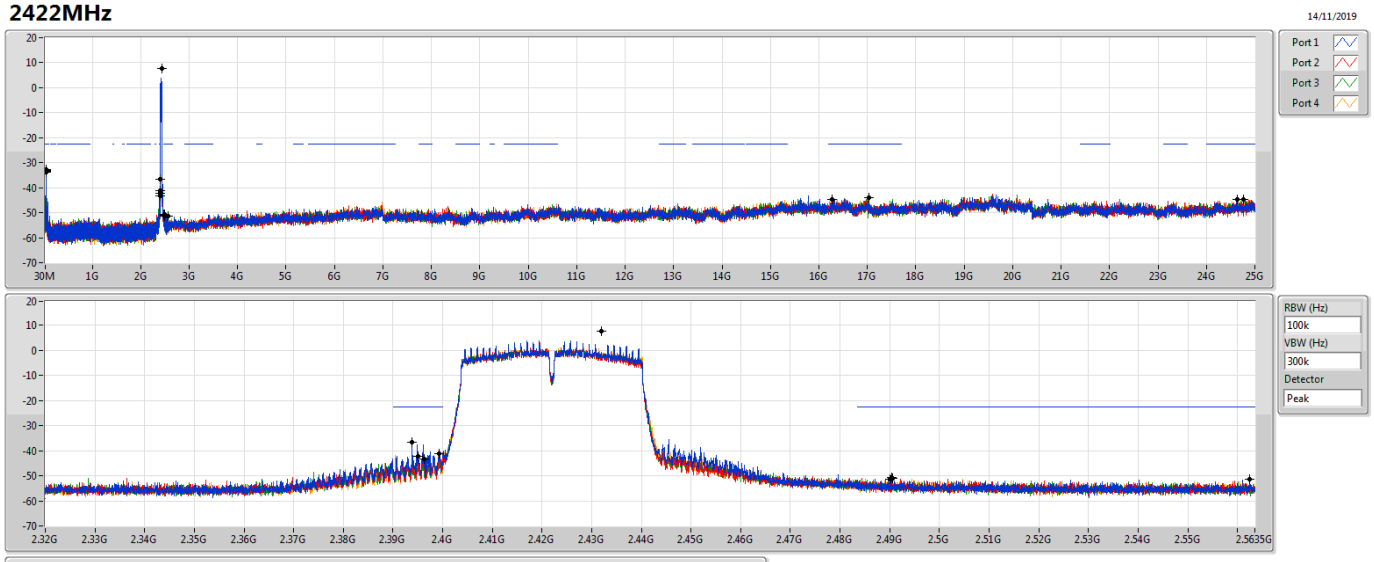
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.82	-16.18	49.81M	-33.91	2.39662G	-49.07	2.4851G	-39.39	16.43083G	-43.96	1
2.43073G	13.82	-16.18	49.81M	-33.55	2.3987G	-49.59	2.48444G	-40.65	16.64717G	-44.30	2
2.43073G	13.82	-16.18	49.81M	-33.41	2.39536G	-49.94	2.48418G	-39.35	15.20587G	-44.01	3
2.43073G	13.82	-16.18	49.81M	-34.08	2.39854G	-49.50	2.48514G	-38.46	24.86795G	-43.38	4

VHT40_Nss1,(MCS0)_4TX **CSE NdB**

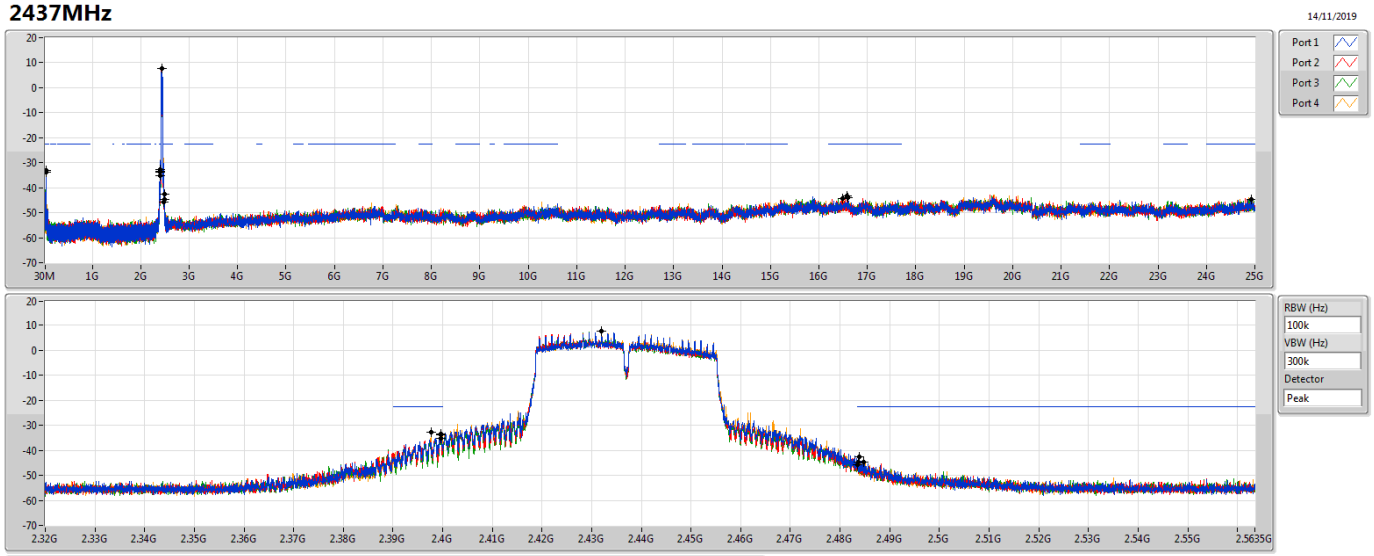
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.52	-22.48	49.75M	-32.84	2.39388G	-36.64	2.56238G	-51.41	16.28062G	-44.53	1
2.43198G	7.52	-22.48	49.75M	-33.46	2.3962G	-43.29	2.49058G	-50.84	24.64382G	-44.58	2
2.43198G	7.52	-22.48	49.75M	-33.65	2.39508G	-42.12	2.49002G	-51.44	17.03785G	-43.91	3
2.43198G	7.52	-22.48	49.75M	-33.24	2.3992G	-41.15	2.49042G	-50.60	24.756G	-44.61	4

VHT40_Nss1,(MCS0)_4TX **CSE NdB**

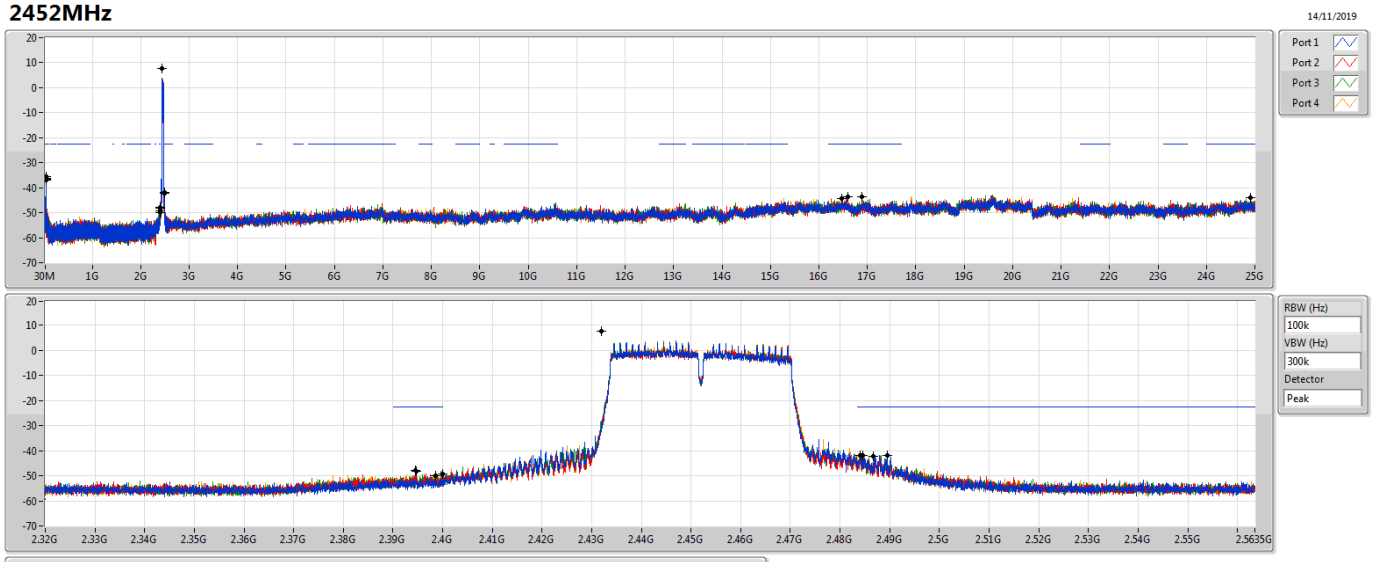
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.52	-22.48	49.75M	-33.15	2.39964G	-33.44	2.48386G	-42.61	24.92147G	-44.74	1
2.43198G	7.52	-22.48	49.75M	-33.17	2.39964G	-33.74	2.48362G	-44.71	16.59473G	-43.92	2
2.43198G	7.52	-22.48	49.75M	-33.63	2.39964G	-35.11	2.48354G	-45.63	16.48535G	-44.35	3
2.43198G	7.52	-22.48	49.75M	-33.15	2.39764G	-32.76	2.48478G	-44.60	16.58351G	-43.42	4

VHT40_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.52	-22.48	49.75M	-35.58	2.39856G	-50.11	2.48406G	-41.92	24.91306G	-43.81	1
2.43198G	7.52	-22.48	49.75M	-36.68	2.39464G	-48.31	2.48946G	-41.82	16.47693G	-44.46	2
2.43198G	7.52	-22.48	49.75M	-36.37	2.39452G	-47.72	2.4845G	-41.80	16.88921G	-43.56	3
2.43198G	7.52	-22.48	49.75M	-37.11	2.39992G	-49.15	2.48662G	-42.19	16.59753G	-43.48	4

For beamforming mode:
Summary

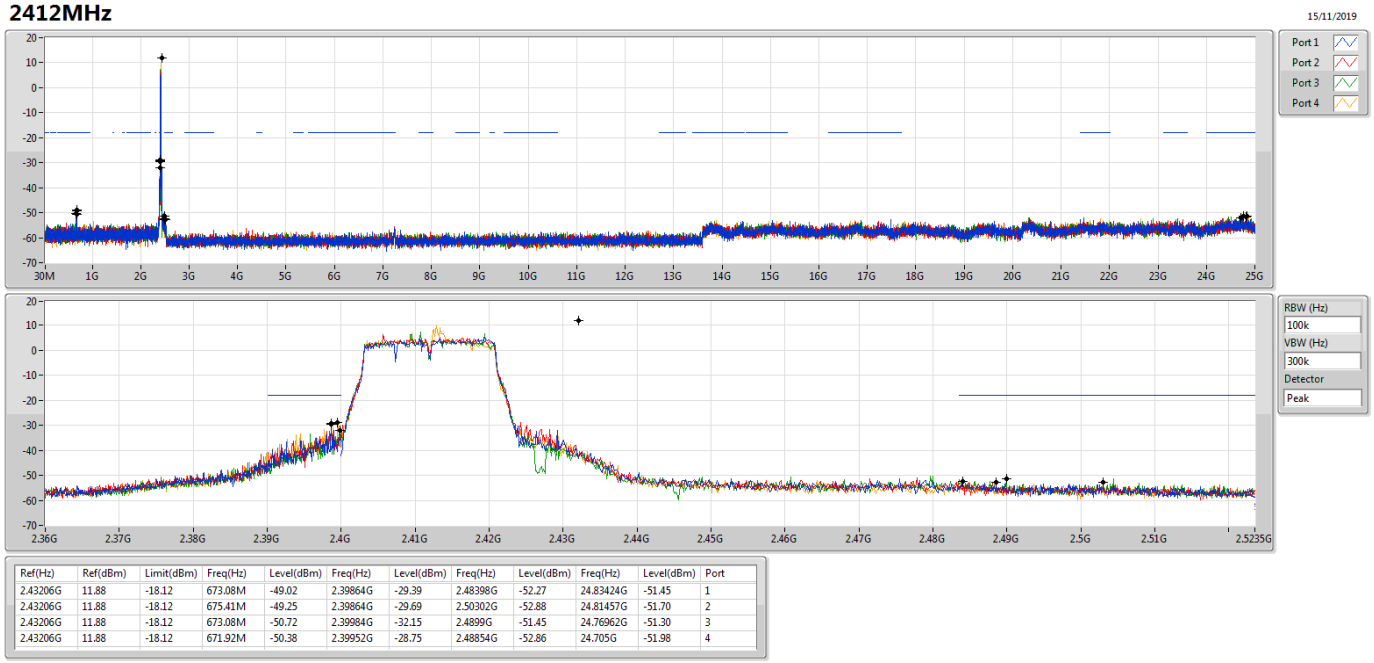
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_4TX	Pass	2.43206G	11.88	-18.12	671.92M	-50.38	2.39952G	-28.75	2.48854G	-52.86	24.705G	-51.98	4
VHT40-BF_Nss1,(MCS0)_4TX	Pass	2.42455G	11.52	-18.48	698.68M	-48.13	2.39952G	-30.97	2.48446G	-39.27	24.61017G	-52.00	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43206G	11.88	-18.12	673.08M	-49.02	2.39864G	-29.39	2.48398G	-52.27	24.83424G	-51.45	1
2412MHz	Pass	2.43206G	11.88	-18.12	675.41M	-49.25	2.39864G	-29.69	2.50302G	-52.88	24.81457G	-51.70	2
2412MHz	Pass	2.43206G	11.88	-18.12	673.08M	-50.72	2.39984G	-32.15	2.4899G	-51.45	24.76962G	-51.30	3
2412MHz	Pass	2.43206G	11.88	-18.12	671.92M	-50.38	2.39952G	-28.75	2.48854G	-52.86	24.705G	-51.98	4
2437MHz	Pass	2.43206G	11.88	-18.12	697.55M	-40.37	2.3996G	-45.32	2.4847G	-49.24	24.6179G	-51.86	1
2437MHz	Pass	2.43206G	11.88	-18.12	698.71M	-39.91	2.39992G	-43.55	2.4839G	-49.21	24.76681G	-52.48	2
2437MHz	Pass	2.43206G	11.88	-18.12	695.22M	-41.86	2.39616G	-44.68	2.48406G	-49.65	24.80614G	-51.14	3
2437MHz	Pass	2.43206G	11.88	-18.12	698.71M	-34.67	2.3996G	-45.43	2.4867G	-49.82	24.705G	-51.35	4
2462MHz	Pass	2.43206G	11.88	-18.12	723.18M	-46.99	2.39944G	-50.53	2.48374G	-43.67	24.68252G	-51.38	1
2462MHz	Pass	2.43206G	11.88	-18.12	723.18M	-48.99	2.3948G	-50.40	2.48358G	-39.51	24.58138G	-51.68	2
2462MHz	Pass	2.43206G	11.88	-18.12	723.18M	-48.34	2.39024G	-50.39	2.48446G	-40.98	24.39313G	-51.98	3
2462MHz	Pass	2.43206G	11.88	-18.12	724.34M	-47.41	2.39912G	-50.35	2.48406G	-48.52	24.58418G	-51.88	4
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42455G	11.52	-18.48	684.94M	-51.13	2.39648G	-36.46	2.48558G	-51.64	24.60456G	-50.83	1
2422MHz	Pass	2.42455G	11.52	-18.48	686.09M	-50.41	2.3912G	-36.52	2.48414G	-51.48	7.24992G	-48.28	2
2422MHz	Pass	2.42455G	11.52	-18.48	680.36M	-48.91	2.39744G	-34.67	2.4851G	-51.60	13.85747G	-52.53	3
2422MHz	Pass	2.42455G	11.52	-18.48	673.49M	-40.89	2.39552G	-35.53	2.48958G	-51.92	24.66345G	-52.24	4
2437MHz	Pass	2.42455G	11.52	-18.48	700.97M	-46.39	2.39824G	-32.11	2.4851G	-40.72	24.36897G	-52.16	1
2437MHz	Pass	2.42455G	11.52	-18.48	698.68M	-48.13	2.39952G	-30.97	2.48446G	-39.27	24.61017G	-52.00	2
2437MHz	Pass	2.42455G	11.52	-18.48	692.96M	-42.99	2.39744G	-34.99	2.48446G	-42.15	24.42506G	-52.08	3
2437MHz	Pass	2.42455G	11.52	-18.48	704.41M	-46.64	2.39856G	-33.96	2.48366G	-39.91	24.79807G	-50.51	4
2452MHz	Pass	2.42455G	11.52	-18.48	718.15M	-52.02	2.3992G	-49.24	2.48558G	-41.57	24.72796G	-51.83	1
2452MHz	Pass	2.42455G	11.52	-18.48	714.71M	-50.15	2.3992G	-50.65	2.4883G	-38.14	24.37178G	-51.92	2
2452MHz	Pass	2.42455G	11.52	-18.48	703.26M	-41.92	2.3976G	-49.29	2.48446G	-41.07	24.77283G	-51.82	3
2452MHz	Pass	2.42455G	11.52	-18.48	714.71M	-53.18	2.39008G	-50.09	2.48366G	-38.92	24.6915G	-52.10	4

VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

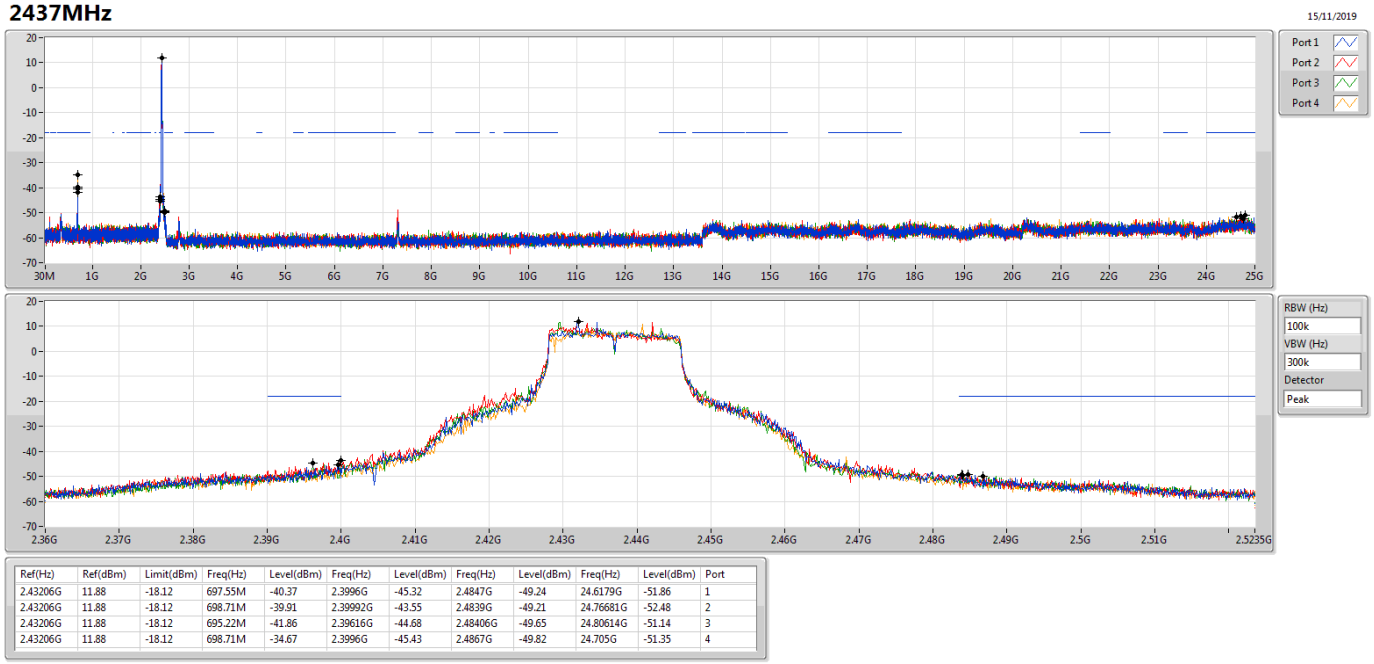
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43206G	11.88	-18.12	673.08M	-49.02	2.39864G	-29.39	2.48398G	-52.27	24.83424G	-51.45	1
2.43206G	11.88	-18.12	675.41M	-49.25	2.39864G	-29.69	2.50302G	-52.88	24.81457G	-51.70	2
2.43206G	11.88	-18.12	673.08M	-50.72	2.39984G	-32.15	2.4899G	-51.45	24.76962G	-51.30	3
2.43206G	11.88	-18.12	671.92M	-50.38	2.39952G	-28.75	2.48854G	-52.86	24.705G	-51.98	4

VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

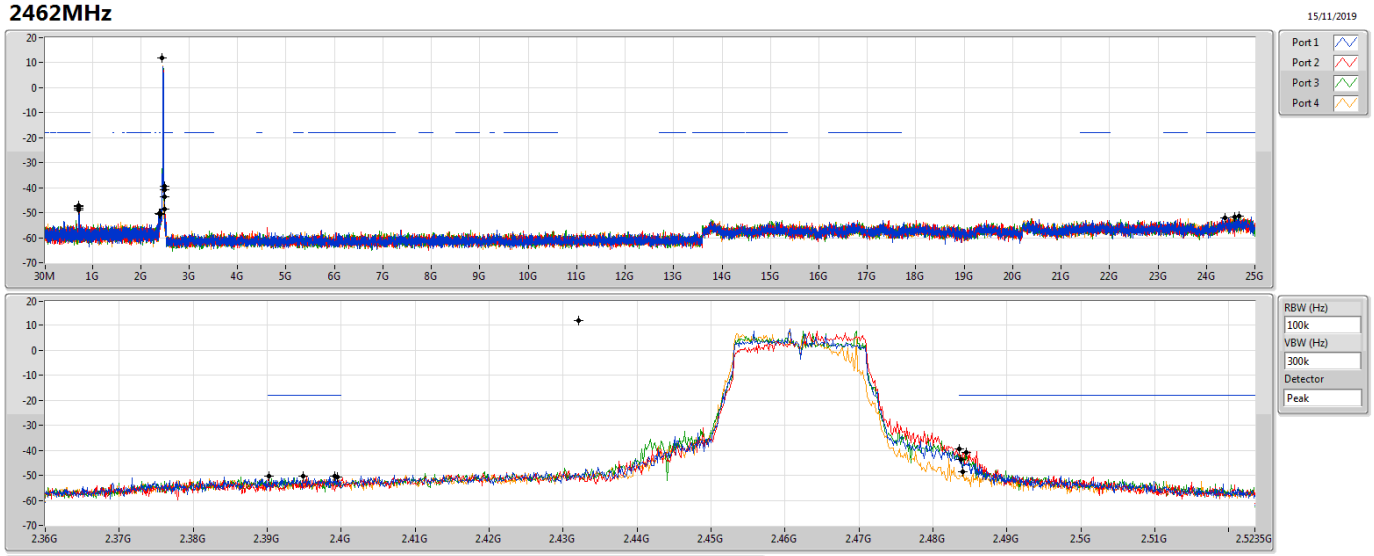
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43206G	11.88	-18.12	697.55M	-40.37	2.3996G	-45.32	2.4847G	-49.24	24.6179G	-51.86	1
2.43206G	11.88	-18.12	698.71M	-39.91	2.39992G	-43.55	2.4839G	-49.21	24.76681G	-52.48	2
2.43206G	11.88	-18.12	695.22M	-41.86	2.39616G	-44.68	2.48406G	-49.65	24.80614G	-51.14	3
2.43206G	11.88	-18.12	698.71M	-34.67	2.3996G	-45.43	2.4867G	-49.82	24.705G	-51.35	4

VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

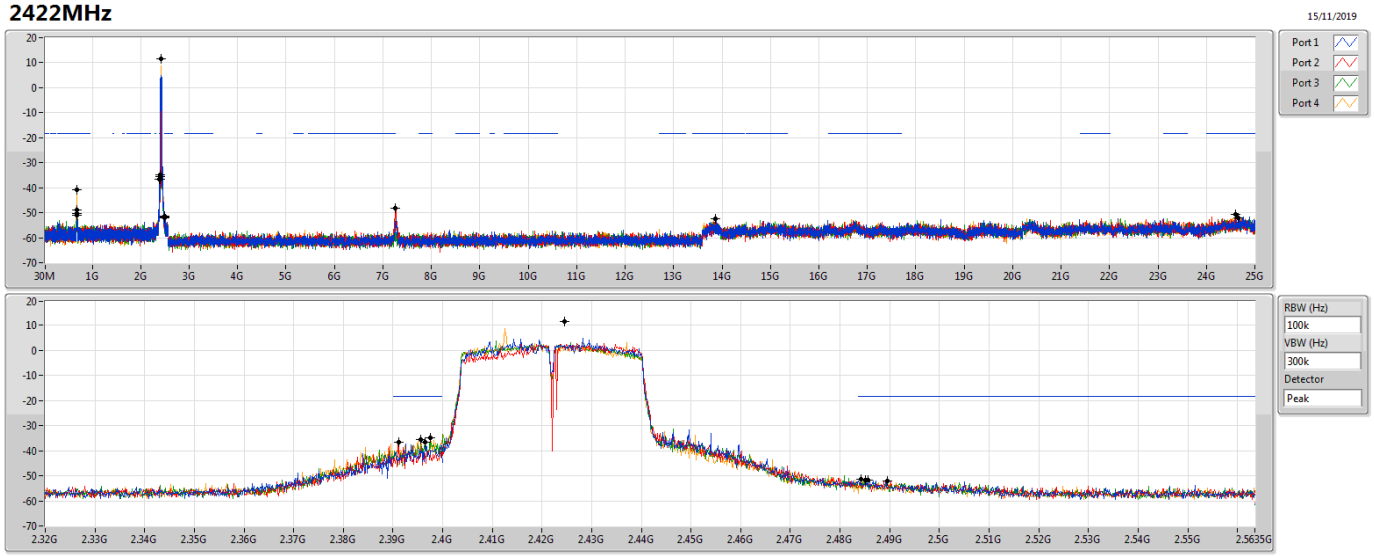
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43206G	11.88	-18.12	723.18M	-46.99	2.39944G	-50.53	2.48374G	-43.67	24.68252G	-51.38	1
2.43206G	11.88	-18.12	723.18M	-48.99	2.3948G	-50.40	2.48358G	-39.51	24.58138G	-51.68	2
2.43206G	11.88	-18.12	723.18M	-48.34	2.39024G	-50.39	2.48446G	-40.98	24.39313G	-51.98	3
2.43206G	11.88	-18.12	724.34M	-47.41	2.39912G	-50.35	2.48406G	-48.52	24.58418G	-51.88	4

VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

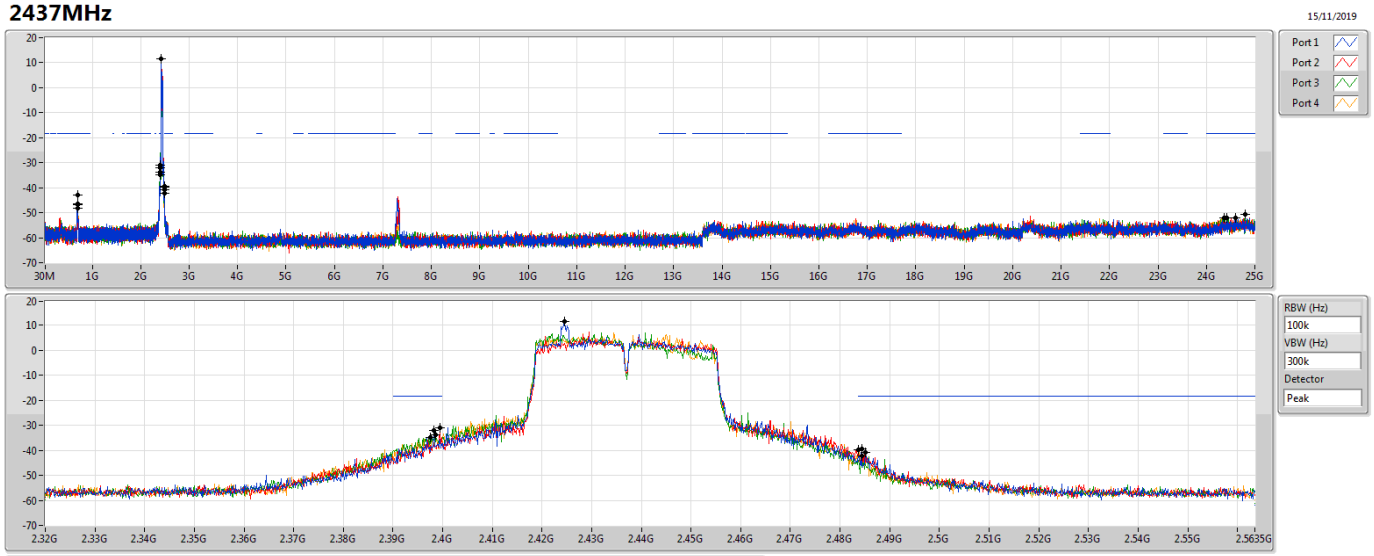
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42455G	11.52	-18.48	684.94M	-51.13	2.39648G	-36.46	2.48558G	-51.64	24.60456G	-50.83	1
2.42455G	11.52	-18.48	686.09M	-50.41	2.3912G	-36.52	2.48414G	-51.48	7.24992G	-48.28	2
2.42455G	11.52	-18.48	680.36M	-48.91	2.39744G	-34.67	2.4851G	-51.60	13.85747G	-52.53	3
2.42455G	11.52	-18.48	673.49M	-40.89	2.39552G	-35.53	2.48958G	-51.92	24.66345G	-52.24	4

VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42455G	11.52	-18.48	700.97M	-46.39	2.39824G	-32.11	2.4851G	-40.72	24.36897G	-52.16	1
2.42455G	11.52	-18.48	698.68M	-48.13	2.39952G	-30.97	2.48446G	-39.27	24.61017G	-52.00	2
2.42455G	11.52	-18.48	692.96M	-42.99	2.39744G	-34.99	2.48446G	-42.15	24.42506G	-52.08	3
2.42455G	11.52	-18.48	704.41M	-46.64	2.39856G	-33.96	2.48366G	-39.91	24.79807G	-50.51	4

VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42455G	11.52	-18.48	718.15M	-52.02	2.3992G	-49.24	2.48558G	-41.57	24.72796G	-51.83	1
2.42455G	11.52	-18.48	714.71M	-50.15	2.3992G	-50.65	2.4883G	-38.14	24.37178G	-51.92	2
2.42455G	11.52	-18.48	703.26M	-41.92	2.3976G	-49.29	2.48446G	-41.07	24.77283G	-51.82	3
2.42455G	11.52	-18.48	714.71M	-53.18	2.39008G	-50.09	2.48366G	-38.92	24.6915G	-52.10	4

For 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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.41349G	14.14	-15.86	673.66M	-39.25	2.39654G	-40.42	2.50364G	-42.17	24.81176G	-35.80	3
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43073G	15.05	-14.95	1.99157G	-42.54	2.3995G	-32.99	2.50256G	-41.93	24.61509G	-36.15	3
VHT20_Nss1,(MCS0)_4TX	Pass	2.43073G	13.55	-16.45	886.86M	-42.85	2.3982G	-30.82	2.49548G	-41.86	24.76119G	-36.73	4
VHT40_Nss1,(MCS0)_4TX	Pass	2.43198G	8.22	-21.78	179.71M	-42.62	2.39948G	-34.55	2.48366G	-40.84	24.36056G	-35.95	4

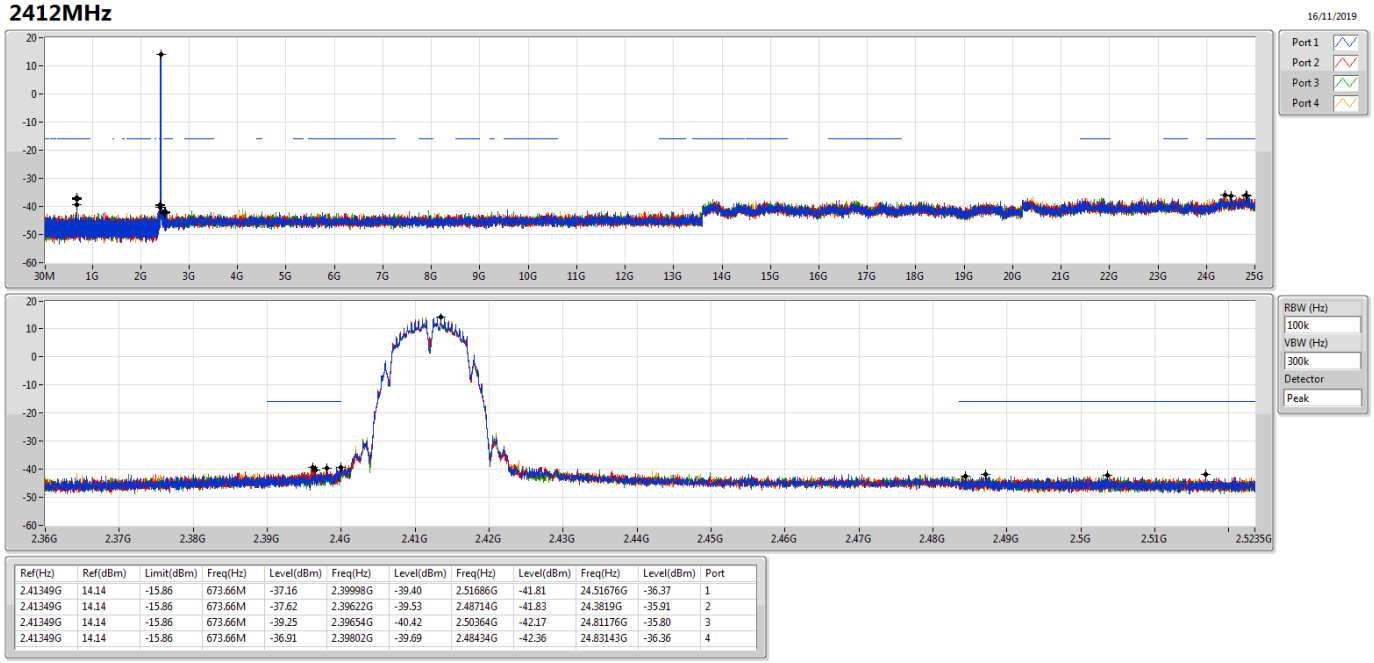
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41349G	14.14	-15.86	673.66M	-37.16	2.39998G	-39.40	2.51686G	-41.81	24.51676G	-36.37	1
2412MHz	Pass	2.41349G	14.14	-15.86	673.66M	-37.62	2.39622G	-39.53	2.48714G	-41.83	24.3819G	-35.91	2
2412MHz	Pass	2.41349G	14.14	-15.86	673.66M	-39.25	2.39654G	-40.42	2.50364G	-42.17	24.81176G	-35.80	3
2412MHz	Pass	2.41349G	14.14	-15.86	673.66M	-36.91	2.39802G	-39.69	2.48434G	-42.36	24.83143G	-36.36	4
2437MHz	Pass	2.41349G	14.14	-15.86	698.71M	-37.26	2.39848G	-41.84	2.49108G	-40.42	24.77243G	-36.28	1
2437MHz	Pass	2.41349G	14.14	-15.86	698.71M	-36.34	2.39482G	-42.45	2.5052G	-42.30	24.24423G	-36.20	2
2437MHz	Pass	2.41349G	14.14	-15.86	698.71M	-38.96	2.39384G	-41.91	2.49368G	-42.29	24.76681G	-36.45	3
2437MHz	Pass	2.41349G	14.14	-15.86	698.71M	-37.79	2.39836G	-42.04	2.49092G	-41.92	24.86233G	-36.01	4
2462MHz	Pass	2.41349G	14.14	-15.86	723.76M	-36.29	2.39226G	-42.16	2.48714G	-40.35	24.39313G	-36.51	1
2462MHz	Pass	2.41349G	14.14	-15.86	723.76M	-37.35	2.39238G	-41.23	2.4862G	-41.00	24.31728G	-36.61	2
2462MHz	Pass	2.41349G	14.14	-15.86	723.76M	-38.92	2.39854G	-42.37	2.48672G	-40.76	24.83985G	-36.20	3
2462MHz	Pass	2.41349G	14.14	-15.86	723.76M	-37.36	2.39814G	-41.92	2.48478G	-40.47	24.91571G	-36.57	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	15.05	-14.95	71.94M	-42.82	2.39952G	-34.16	2.5076G	-42.39	24.764G	-36.26	1
2412MHz	Pass	2.43073G	15.05	-14.95	376.59M	-42.63	2.3998G	-34.66	2.50706G	-41.92	24.70219G	-36.13	2
2412MHz	Pass	2.43073G	15.05	-14.95	1.99157G	-42.54	2.3995G	-32.99	2.50256G	-41.93	24.61509G	-36.15	3
2412MHz	Pass	2.43073G	15.05	-14.95	1.71372G	-42.70	2.3992G	-33.95	2.4936G	-42.85	24.6769G	-35.68	4
2437MHz	Pass	2.43073G	15.05	-14.95	697.55M	-40.04	2.39944G	-37.89	2.48482G	-40.48	24.61509G	-36.12	1
2437MHz	Pass	2.43073G	15.05	-14.95	696.96M	-39.63	2.3991G	-38.61	2.48594G	-40.71	24.85671G	-36.21	2
2437MHz	Pass	2.43073G	15.05	-14.95	697.25M	-40.45	2.39966G	-37.60	2.48626G	-40.98	24.4409G	-36.71	3
2437MHz	Pass	2.43073G	15.05	-14.95	703.08M	-40.69	2.39896G	-35.61	2.48382G	-40.69	24.89605G	-36.34	4
2462MHz	Pass	2.43073G	15.05	-14.95	879.87M	-43.25	2.39886G	-42.74	2.48402G	-40.99	24.71062G	-36.24	1
2462MHz	Pass	2.43073G	15.05	-14.95	728.71M	-42.73	2.39838G	-41.93	2.48548G	-40.56	24.50833G	-36.29	2
2462MHz	Pass	2.43073G	15.05	-14.95	947.44M	-42.40	2.39342G	-42.27	2.48356G	-40.33	24.53361G	-36.60	3
2462MHz	Pass	2.43073G	15.05	-14.95	1.90623G	-42.33	2.39366G	-42.06	2.48512G	-38.02	24.38752G	-36.68	4
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	13.55	-16.45	706.87M	-42.87	2.39966G	-32.42	2.5036G	-41.93	24.74152G	-36.29	1
2412MHz	Pass	2.43073G	13.55	-16.45	1.87711G	-42.95	2.39764G	-32.58	2.48518G	-42.51	24.84547G	-36.13	2
2412MHz	Pass	2.43073G	13.55	-16.45	806.47M	-43.17	2.3983G	-34.36	2.4891G	-41.48	24.60104G	-36.48	3
2412MHz	Pass	2.43073G	13.55	-16.45	886.86M	-42.85	2.3982G	-30.82	2.49548G	-41.86	24.76119G	-36.73	4
2437MHz	Pass	2.43073G	13.55	-16.45	696.96M	-41.63	2.39882G	-39.34	2.4922G	-41.57	24.72747G	-36.42	1
2437MHz	Pass	2.43073G	13.55	-16.45	1.85585G	-42.09	2.39826G	-40.44	2.48362G	-41.35	24.66566G	-36.20	2
2437MHz	Pass	2.43073G	13.55	-16.45	699.88M	-41.87	2.3997G	-39.72	2.48572G	-42.04	24.72466G	-36.50	3
2437MHz	Pass	2.43073G	13.55	-16.45	696.96M	-42.02	2.39706G	-38.97	2.48746G	-41.13	24.82581G	-36.63	4
2462MHz	Pass	2.43073G	13.55	-16.45	1.84245G	-42.04	2.3959G	-41.48	2.48806G	-40.29	24.86514G	-36.04	1
2462MHz	Pass	2.43073G	13.55	-16.45	316.01M	-42.89	2.39644G	-42.18	2.48502G	-38.15	24.62914G	-36.33	2
2462MHz	Pass	2.43073G	13.55	-16.45	45.44M	-43.03	2.39208G	-42.29	2.4864G	-37.01	24.75276G	-36.17	3
2462MHz	Pass	2.43073G	13.55	-16.45	2.07574G	-42.99	2.3978G	-42.93	2.48394G	-36.77	24.57295G	-35.69	4
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	8.22	-21.78	679.79M	-41.99	2.39948G	-38.66	2.48558G	-41.72	24.61017G	-36.26	1
2422MHz	Pass	2.43198G	8.22	-21.78	2.02287G	-42.64	2.39832G	-40.63	2.49538G	-42.75	24.8149G	-36.06	2
2422MHz	Pass	2.43198G	8.22	-21.78	1.99081G	-42.96	2.39952G	-39.08	2.49358G	-41.78	24.42787G	-36.52	3
2422MHz	Pass	2.43198G	8.22	-21.78	1.76782G	-42.54	2.39952G	-38.23	2.51358G	-42.46	24.69991G	-36.87	4
2437MHz	Pass	2.43198G	8.22	-21.78	2.11132G	-41.85	2.39952G	-35.34	2.48466G	-40.83	24.85416G	-36.26	1
2437MHz	Pass	2.43198G	8.22	-21.78	1.94873G	-43.25	2.39976G	-34.99	2.48506G	-41.09	21.87852G	-36.72	2
2437MHz	Pass	2.43198G	8.22	-21.78	1.9244G	-42.72	2.39952G	-34.85	2.48474G	-40.67	24.78966G	-36.13	3
2437MHz	Pass	2.43198G	8.22	-21.78	179.71M	-42.62	2.39948G	-34.55	2.48366G	-40.84	24.36056G	-35.95	4

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2452MHz	Pass	2.43198G	8.22	-21.78	863.56M	-42.88	2.39012G	-41.47	2.4869G	-40.74	13.76212G	-36.35	1
2452MHz	Pass	2.43198G	8.22	-21.78	1.97049G	-43.13	2.39924G	-42.43	2.48702G	-39.63	21.60087G	-36.32	2
2452MHz	Pass	2.43198G	8.22	-21.78	1.93127G	-43.11	2.39968G	-41.24	2.48918G	-40.25	24.84855G	-36.28	3
2452MHz	Pass	2.43198G	8.22	-21.78	858.69M	-42.54	2.39992G	-41.29	2.49558G	-39.27	24.66626G	-35.88	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

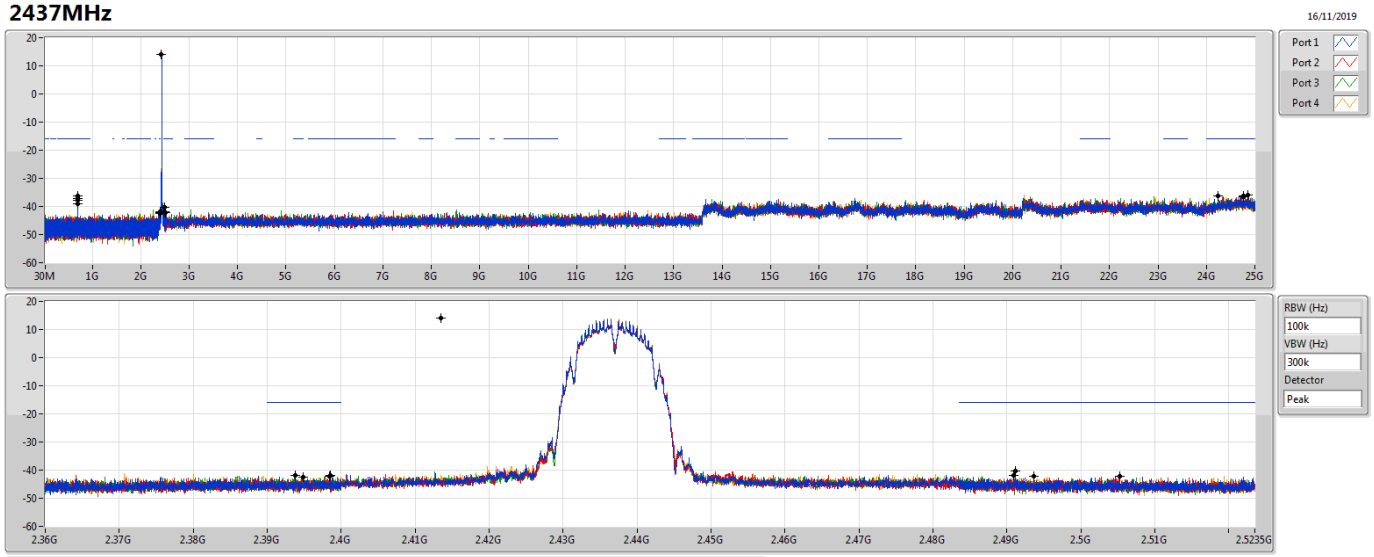
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41349G	14.14	-15.86	673.66M	-37.16	2.39998G	-39.40	2.51686G	-41.81	24.51676G	-36.37	1
2.41349G	14.14	-15.86	673.66M	-37.62	2.39622G	-39.53	2.48714G	-41.83	24.3819G	-35.91	2
2.41349G	14.14	-15.86	673.66M	-39.25	2.39654G	-40.42	2.50364G	-42.17	24.81176G	-35.80	3
2.41349G	14.14	-15.86	673.66M	-36.91	2.39802G	-39.69	2.48434G	-42.36	24.83143G	-36.36	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

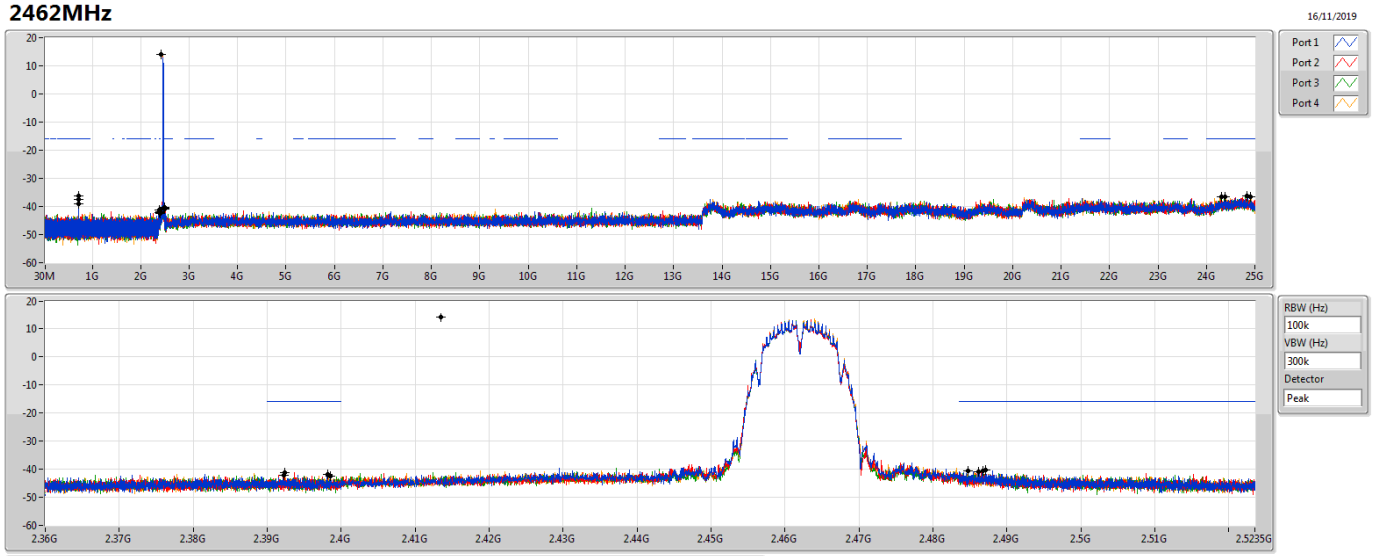
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41349G	14.14	-15.86	698.71M	-37.26	2.39848G	-41.84	2.49108G	-40.42	24.77243G	-36.28	1
2.41349G	14.14	-15.86	698.71M	-36.34	2.39482G	-42.45	2.5052G	-42.30	24.24423G	-36.20	2
2.41349G	14.14	-15.86	698.71M	-38.96	2.39384G	-41.91	2.49368G	-42.29	24.76681G	-36.45	3
2.41349G	14.14	-15.86	698.71M	-37.79	2.39836G	-42.04	2.49092G	-41.92	24.86233G	-36.01	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

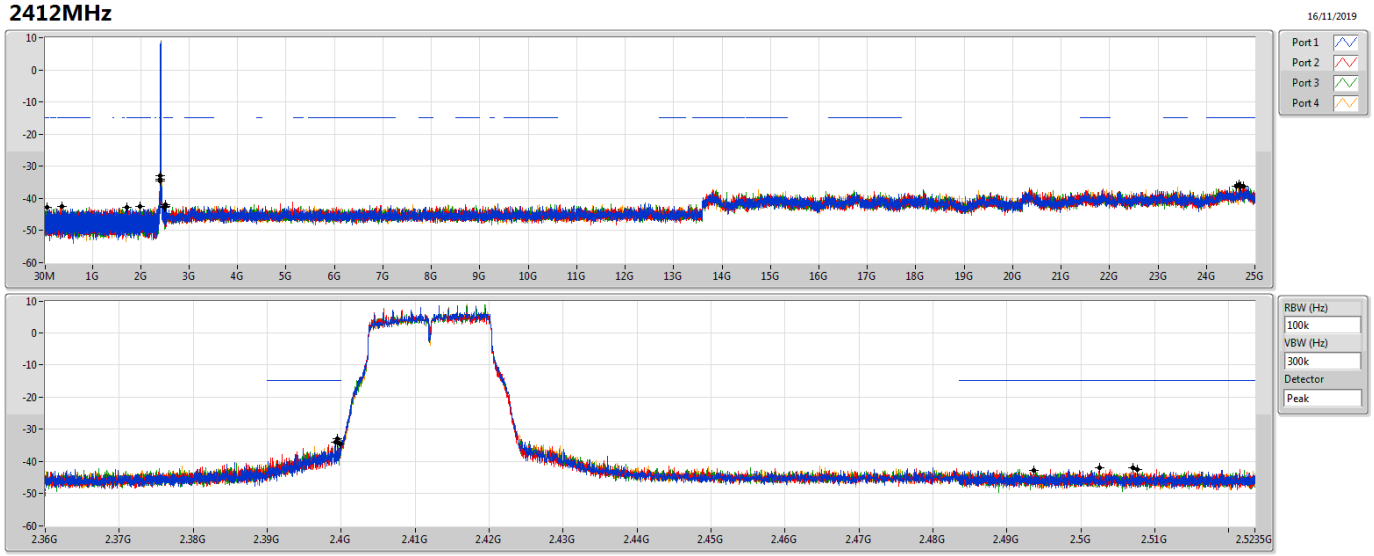
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41349G	14.14	-15.86	723.76M	-36.29	2.39226G	-42.16	2.48714G	-40.35	24.39313G	-36.51	1
2.41349G	14.14	-15.86	723.76M	-37.35	2.39238G	-41.23	2.4862G	-41.00	24.31728G	-36.61	2
2.41349G	14.14	-15.86	723.76M	-38.92	2.39854G	-42.37	2.48672G	-40.76	24.83985G	-36.20	3
2.41349G	14.14	-15.86	723.76M	-37.36	2.39814G	-41.92	2.48478G	-40.47	24.91571G	-36.57	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

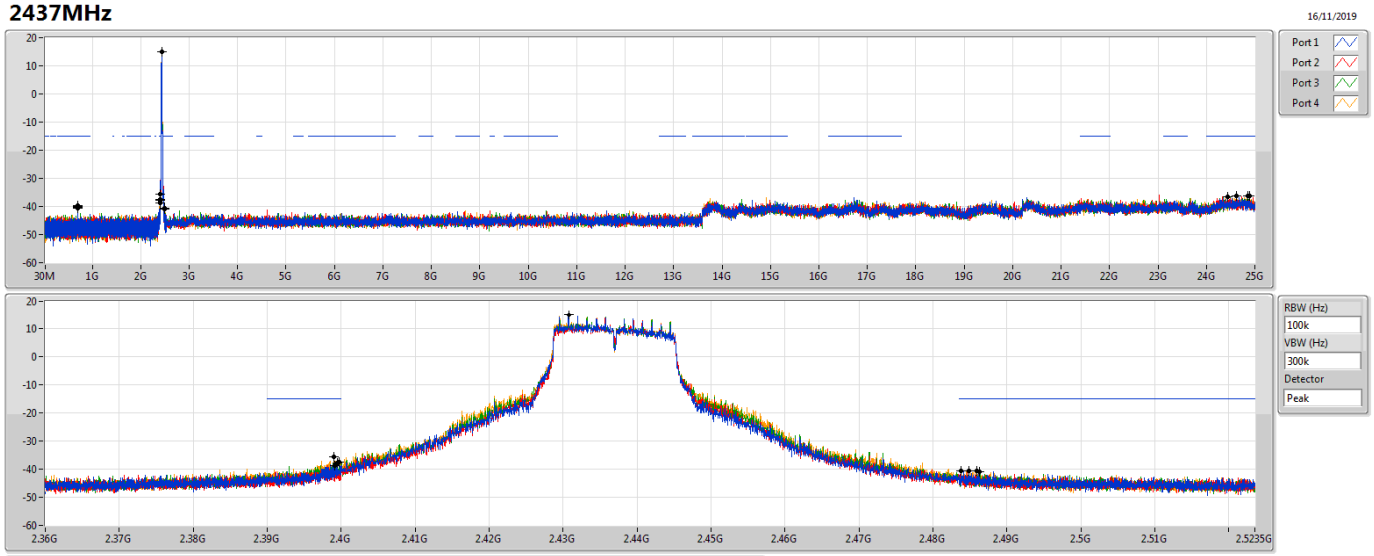
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	15.05	-14.95	71.94M	-42.82	2.39952G	-34.16	2.5076G	-42.39	24.764G	-36.26	1
2.43073G	15.05	-14.95	376.59M	-42.63	2.3998G	-34.66	2.50706G	-41.92	24.70219G	-36.13	2
2.43073G	15.05	-14.95	1.99157G	-42.54	2.3995G	-32.99	2.50256G	-41.93	24.61509G	-36.15	3
2.43073G	15.05	-14.95	1.71372G	-42.70	2.3992G	-33.95	2.4936G	-42.85	24.6769G	-35.68	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

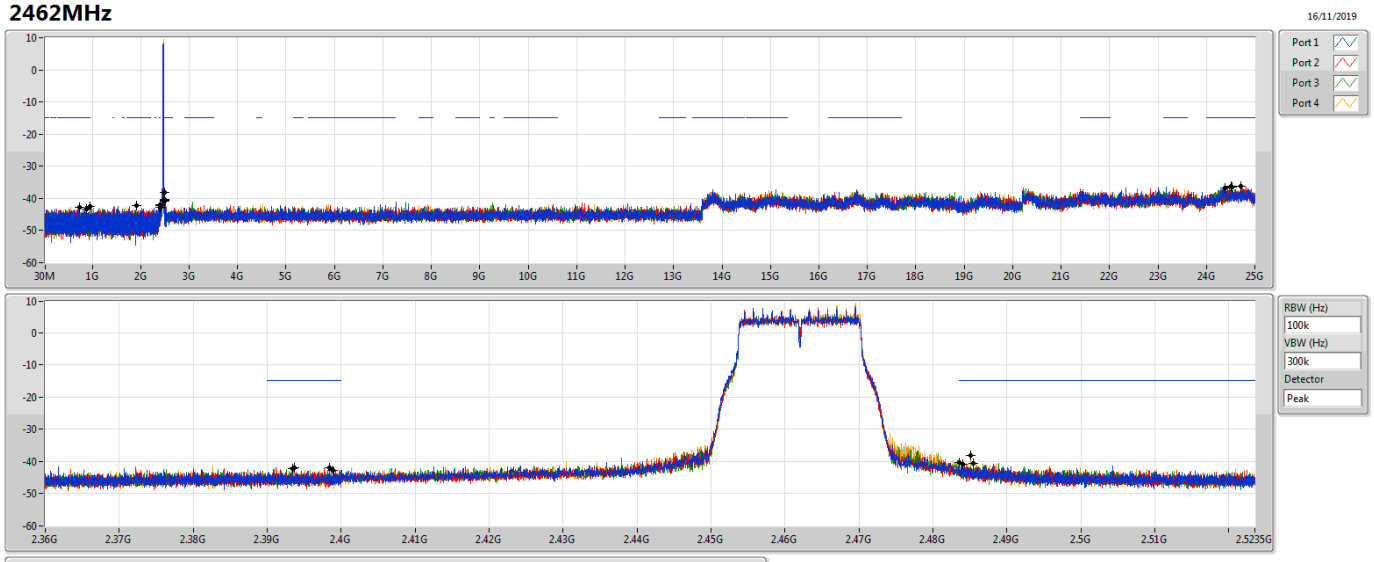
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	15.05	-14.95	697.55M	-40.04	2.39944G	-37.89	2.48482G	-40.48	24.61509G	-36.12	1
2.43073G	15.05	-14.95	696.96M	-39.63	2.3991G	-38.61	2.48594G	-40.71	24.85671G	-36.21	2
2.43073G	15.05	-14.95	697.25M	-40.45	2.39966G	-37.60	2.48626G	-40.98	24.4409G	-36.71	3
2.43073G	15.05	-14.95	703.08M	-40.69	2.39896G	-35.61	2.48382G	-40.69	24.89605G	-36.34	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

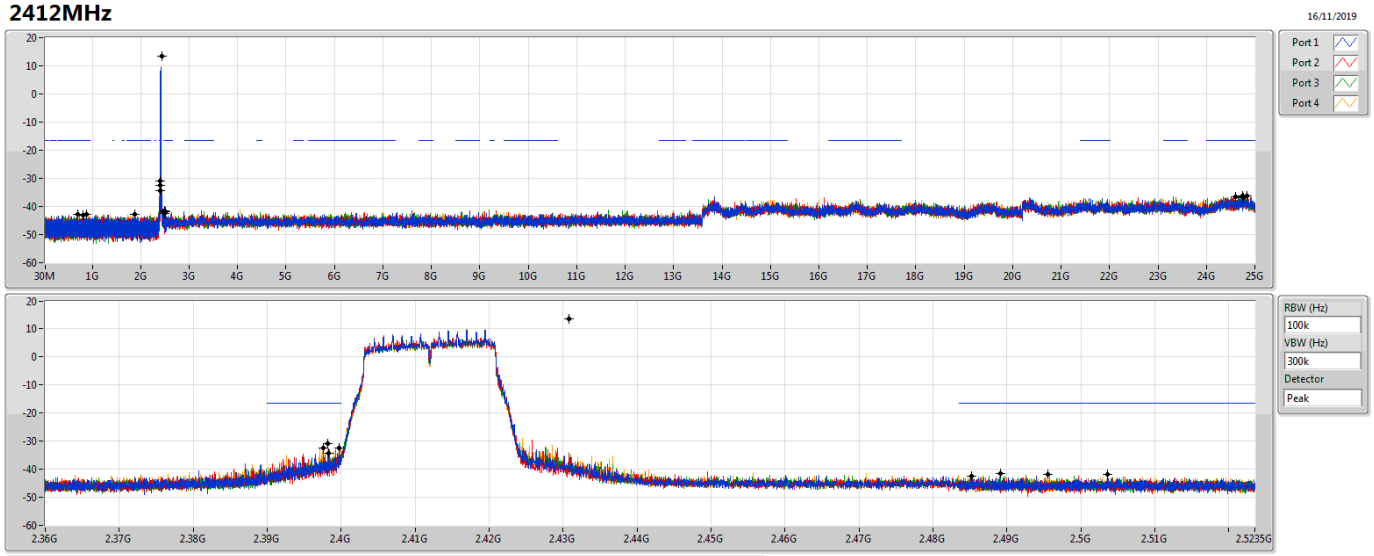
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	15.05	-14.95	879.87M	-43.25	2.39886G	-42.74	2.48402G	-40.99	24.71062G	-36.24	1
2.43073G	15.05	-14.95	728.71M	-42.73	2.39838G	-41.93	2.48548G	-40.56	24.50833G	-36.29	2
2.43073G	15.05	-14.95	947.44M	-42.40	2.39342G	-42.27	2.48356G	-40.33	24.53361G	-36.60	3
2.43073G	15.05	-14.95	1.90623G	-42.33	2.39366G	-42.06	2.48512G	-38.02	24.38752G	-36.68	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

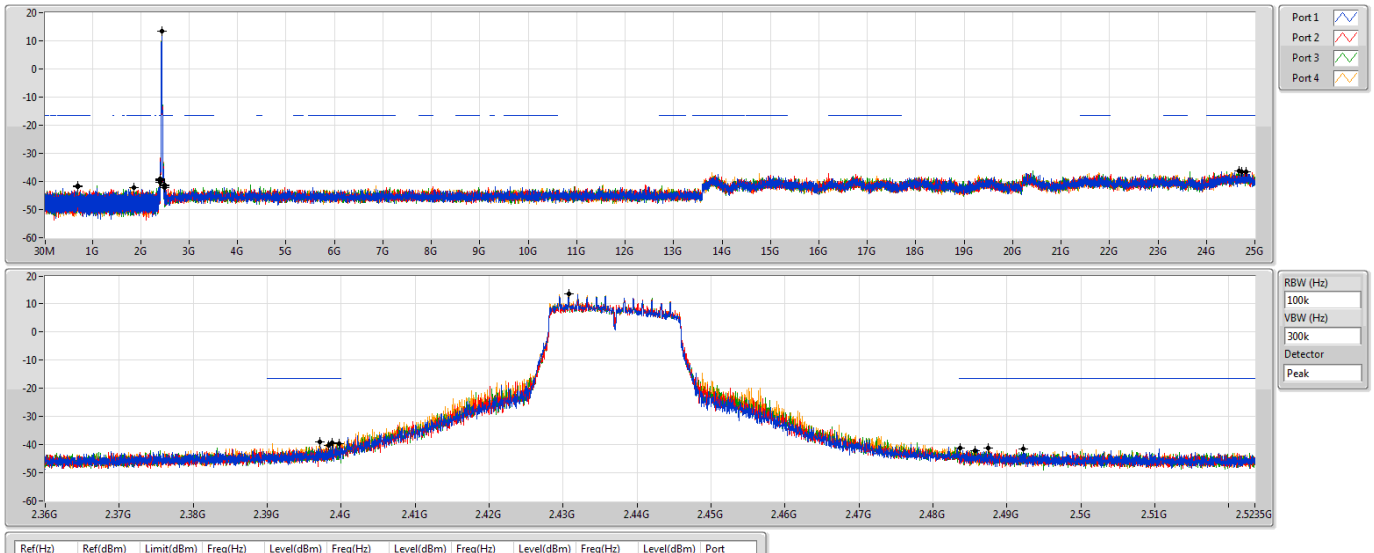
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.55	-16.45	706.87M	-42.87	2.39966G	-32.42	2.5036G	-41.93	24.74152G	-36.29	1
2.43073G	13.55	-16.45	1.87711G	-42.95	2.39764G	-32.58	2.48518G	-42.51	24.84547G	-36.13	2
2.43073G	13.55	-16.45	806.47M	-43.17	2.3983G	-34.36	2.4891G	-41.48	24.60104G	-36.48	3
2.43073G	13.55	-16.45	886.86M	-42.85	2.3982G	-30.82	2.49548G	-41.86	24.76119G	-36.73	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

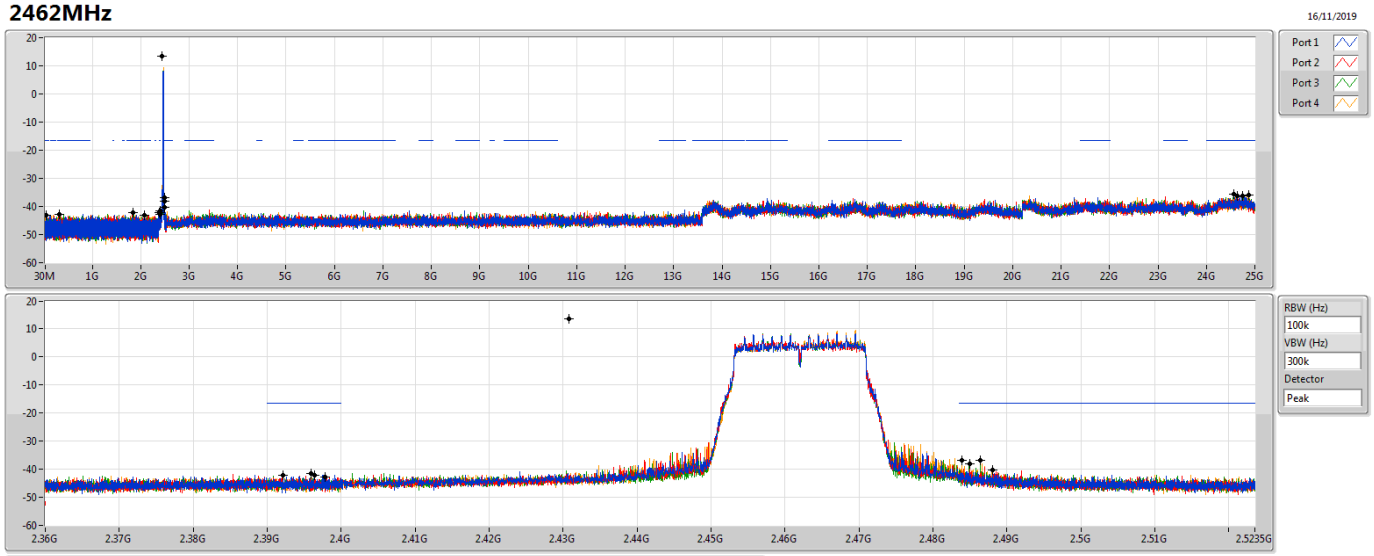
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.55	-16.45	696.96M	-41.63	2.39882G	-39.34	2.4922G	-41.57	24.72747G	-36.42	1
2.43073G	13.55	-16.45	1.85585G	-42.09	2.39826G	-40.44	2.48362G	-41.35	24.66566G	-36.20	2
2.43073G	13.55	-16.45	699.88M	-41.87	2.3997G	-39.72	2.48572G	-42.04	24.72466G	-36.50	3
2.43073G	13.55	-16.45	696.96M	-42.02	2.39706G	-38.97	2.48746G	-41.13	24.82581G	-36.63	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

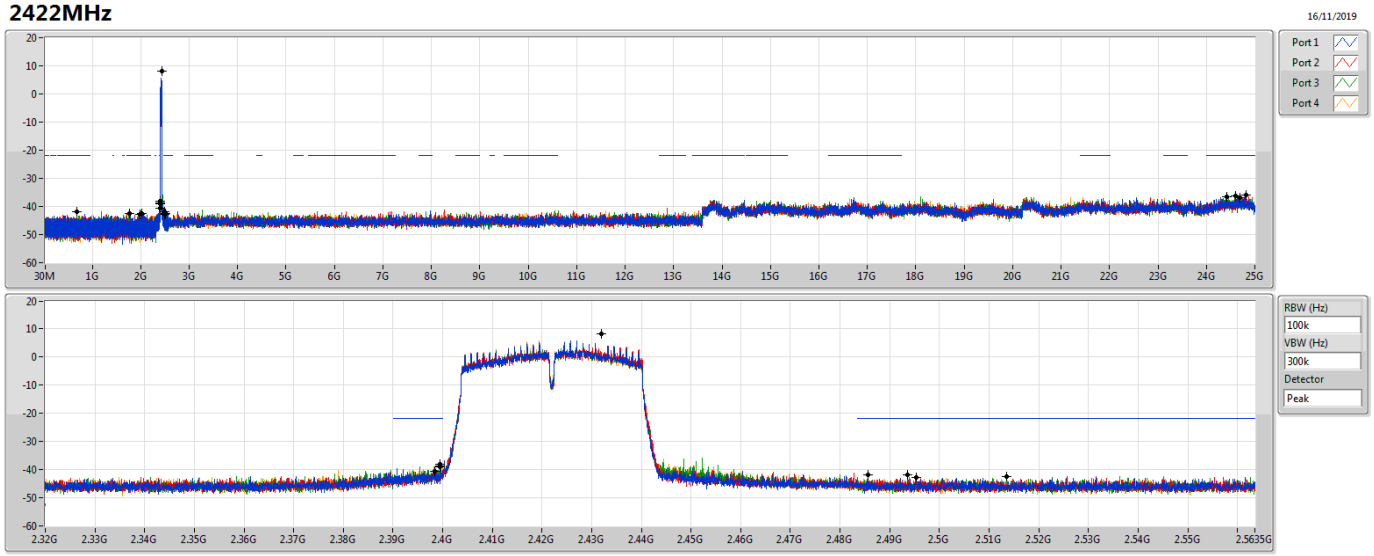
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.55	-16.45	1.84245G	-42.04	2.3959G	-41.48	2.48806G	-40.29	24.86514G	-36.04	1
2.43073G	13.55	-16.45	316.01M	-42.89	2.39644G	-42.18	2.48502G	-38.15	24.62914G	-36.33	2
2.43073G	13.55	-16.45	45.44M	-43.03	2.39208G	-42.29	2.4864G	-37.01	24.75276G	-36.17	3
2.43073G	13.55	-16.45	2.07574G	-42.99	2.3978G	-42.93	2.48394G	-36.77	24.57295G	-35.69	4

VHT40_Nss1,(MCS0)_4TX **CSE NdB**

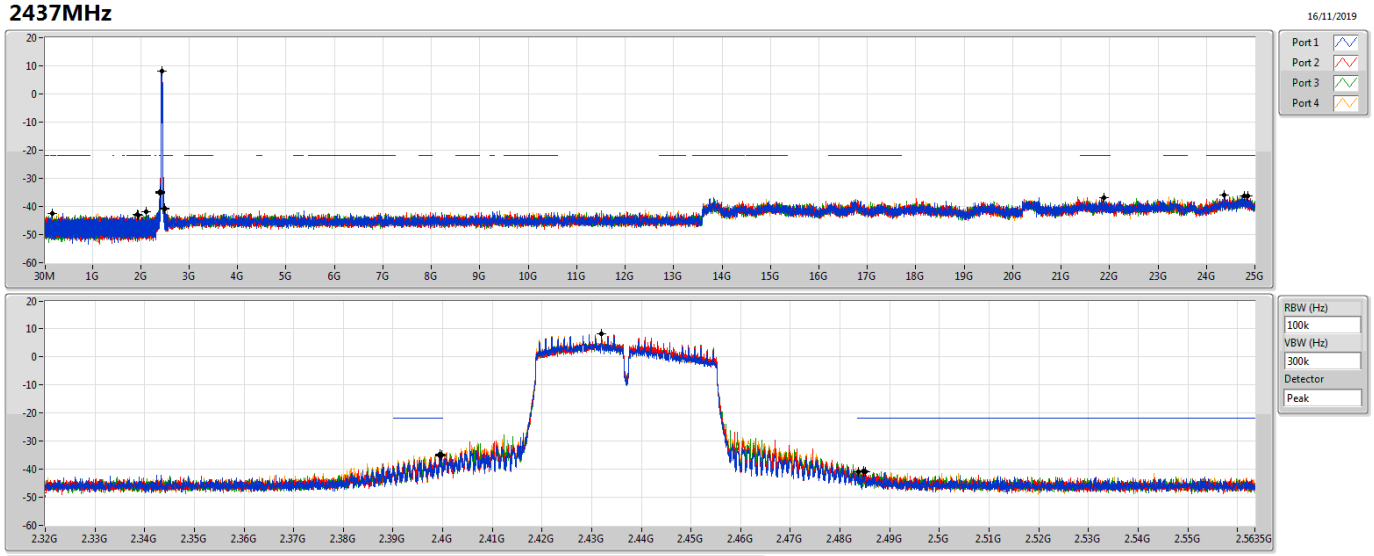
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	8.22	-21.78	679.79M	-41.99	2.39948G	-38.66	2.48558G	-41.72	24.61017G	-36.26	1
2.43198G	8.22	-21.78	2.02287G	-42.64	2.39832G	-40.63	2.49538G	-42.75	24.8149G	-36.06	2
2.43198G	8.22	-21.78	1.99081G	-42.96	2.39952G	-39.08	2.49358G	-41.78	24.42787G	-36.52	3
2.43198G	8.22	-21.78	1.76782G	-42.54	2.39952G	-38.23	2.51358G	-42.46	24.69991G	-36.87	4

VHT40_Nss1,(MCS0)_4TX **CSE NdB**

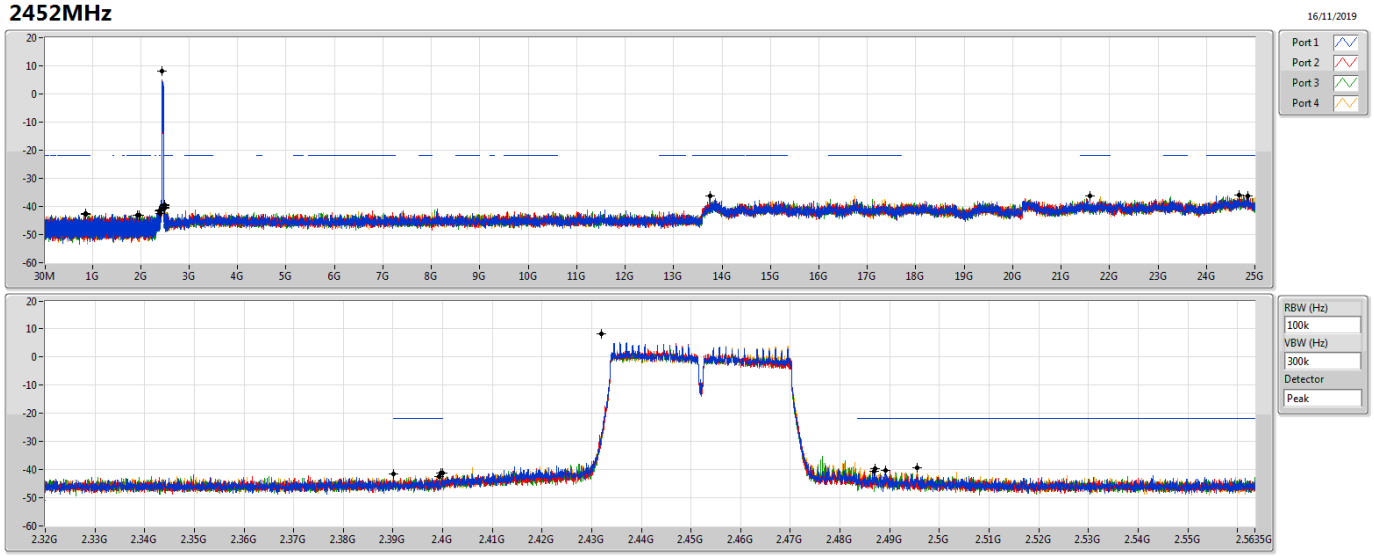
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	8.22	-21.78	2.11132G	-41.85	2.39952G	-35.34	2.48466G	-40.83	24.85416G	-36.26	1
2.43198G	8.22	-21.78	1.94873G	-43.25	2.39976G	-34.99	2.48506G	-41.09	21.87852G	-36.72	2
2.43198G	8.22	-21.78	1.9244G	-42.72	2.39952G	-34.85	2.48474G	-40.67	24.78966G	-36.13	3
2.43198G	8.22	-21.78	179.71M	-42.62	2.39948G	-34.55	2.48366G	-40.84	24.36056G	-35.95	4

VHT40_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	8.22	-21.78	863.56M	-42.88	2.39012G	-41.47	2.4869G	-40.74	13.76212G	-36.35	1
2.43198G	8.22	-21.78	1.97049G	-43.13	2.39924G	-42.43	2.48702G	-39.63	21.60087G	-36.32	2
2.43198G	8.22	-21.78	1.93127G	-43.11	2.39968G	-41.24	2.48918G	-40.25	24.84855G	-36.28	3
2.43198G	8.22	-21.78	858.69M	-42.54	2.39992G	-41.29	2.49558G	-39.27	24.66626G	-35.88	4

For beamforming mode:
Summary

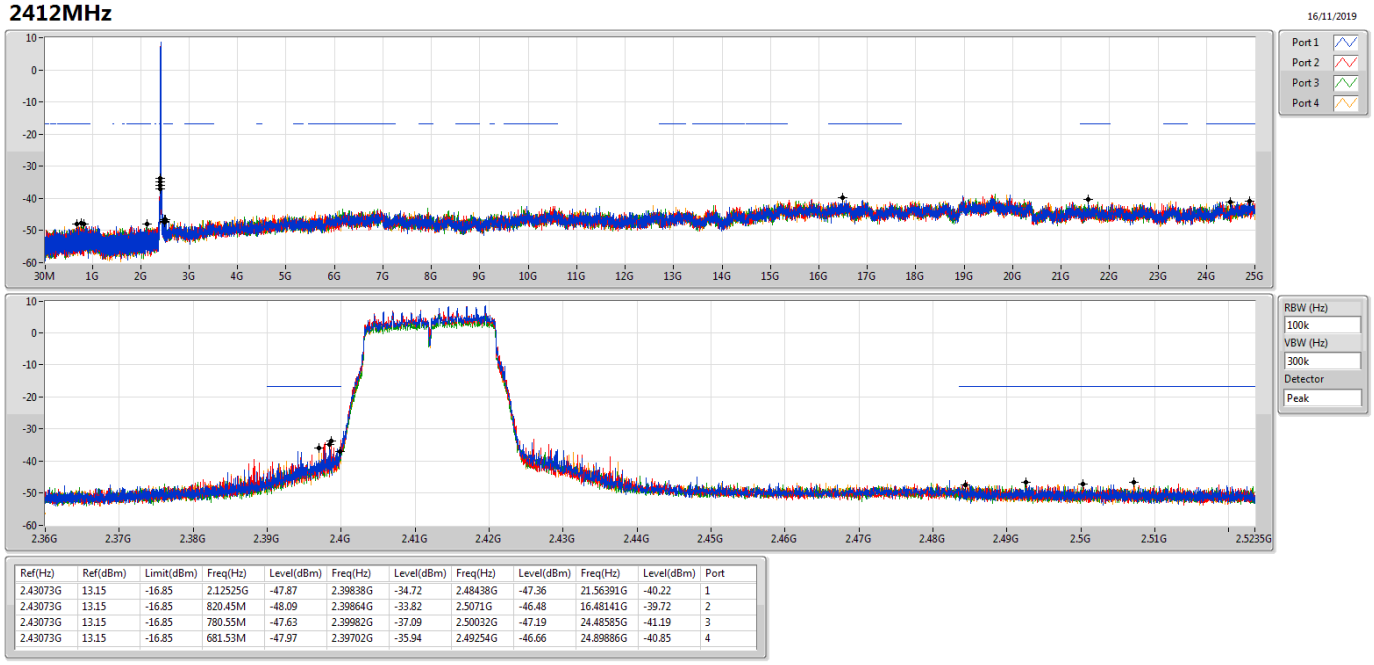
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_4TX	Pass	2.43073G	13.15	-16.85	820.45M	-48.09	2.39864G	-33.82	2.5071G	-46.48	16.48141G	-39.72	2
VHT40-BF_Nss1,(MCS0)_4TX	Pass	2.42948G	7.79	-22.21	624.83M	-48.49	2.39948G	-34.44	2.4837G	-42.04	16.29464G	-40.05	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)	Port
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	13.15	-16.85	2.12525G	-47.87	2.39838G	-34.72	2.48438G	-47.36	21.56391G	-40.22	1
2412MHz	Pass	2.43073G	13.15	-16.85	820.45M	-48.09	2.39864G	-33.82	2.5071G	-46.48	16.48141G	-39.72	2
2412MHz	Pass	2.43073G	13.15	-16.85	780.55M	-47.63	2.39982G	-37.09	2.50032G	-47.19	24.48585G	-41.19	3
2412MHz	Pass	2.43073G	13.15	-16.85	681.53M	-47.97	2.39702G	-35.94	2.49254G	-46.66	24.89886G	-40.85	4
2437MHz	Pass	2.43073G	13.15	-16.85	730.17M	-48.61	2.39718G	-41.66	2.48478G	-44.66	15.21991G	-39.52	1
2437MHz	Pass	2.43073G	13.15	-16.85	925.3M	-48.93	2.39604G	-39.72	2.48452G	-45.34	16.52355G	-40.53	2
2437MHz	Pass	2.43073G	13.15	-16.85	2.09555G	-48.01	2.39888G	-39.70	2.48522G	-44.62	16.32688G	-39.81	3
2437MHz	Pass	2.43073G	13.15	-16.85	906.08M	-48.13	2.3992G	-39.04	2.48414G	-44.36	17.58276G	-40.17	4
2462MHz	Pass	2.43073G	13.15	-16.85	800.65M	-48.27	2.39086G	-47.01	2.4855G	-40.94	16.57131G	-40.74	1
2462MHz	Pass	2.43073G	13.15	-16.85	1.96769G	-48.29	2.39752G	-47.19	2.4836G	-40.96	24.91852G	-40.29	2
2462MHz	Pass	2.43073G	13.15	-16.85	416.49M	-48.80	2.39358G	-47.36	2.48476G	-43.22	16.54041G	-40.78	3
2462MHz	Pass	2.43073G	13.15	-16.85	2.15088G	-48.52	2.39854G	-47.60	2.48638G	-39.05	23.30302G	-40.89	4
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42948G	7.79	-22.21	880.74M	-47.49	2.39956G	-35.82	2.50998G	-47.39	15.30463G	-40.62	1
2422MHz	Pass	2.42948G	7.79	-22.21	716.43M	-48.49	2.3986G	-36.20	2.55594G	-47.32	16.38719G	-39.19	2
2422MHz	Pass	2.42948G	7.79	-22.21	194.59M	-48.20	2.397G	-36.69	2.49534G	-47.06	16.54985G	-40.01	3
2422MHz	Pass	2.42948G	7.79	-22.21	855.55M	-48.31	2.39812G	-35.53	2.48854G	-46.81	16.59192G	-39.86	4
2437MHz	Pass	2.42948G	7.79	-22.21	867.85M	-48.77	2.39952G	-34.81	2.48358G	-42.11	16.49657G	-39.92	1
2437MHz	Pass	2.42948G	7.79	-22.21	947.72M	-48.28	2.39948G	-36.72	2.48358G	-42.46	24.84575G	-39.98	2
2437MHz	Pass	2.42948G	7.79	-22.21	536.09M	-48.72	2.39944G	-36.59	2.48354G	-43.14	24.8149G	-39.38	3
2437MHz	Pass	2.42948G	7.79	-22.21	624.83M	-48.49	2.39948G	-34.44	2.4837G	-42.04	16.29464G	-40.05	4
2452MHz	Pass	2.42948G	7.79	-22.21	665.76M	-46.25	2.39984G	-42.16	2.4839G	-38.49	24.62699G	-40.72	1
2452MHz	Pass	2.42948G	7.79	-22.21	795.43M	-48.04	2.39976G	-42.43	2.48726G	-36.00	24.92989G	-40.19	2
2452MHz	Pass	2.42948G	7.79	-22.21	776.25M	-48.31	2.39884G	-43.12	2.48634G	-38.10	16.49096G	-40.32	3
2452MHz	Pass	2.42948G	7.79	-22.21	739.04M	-48.93	2.39976G	-42.25	2.4849G	-36.98	24.59614G	-39.68	4

VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

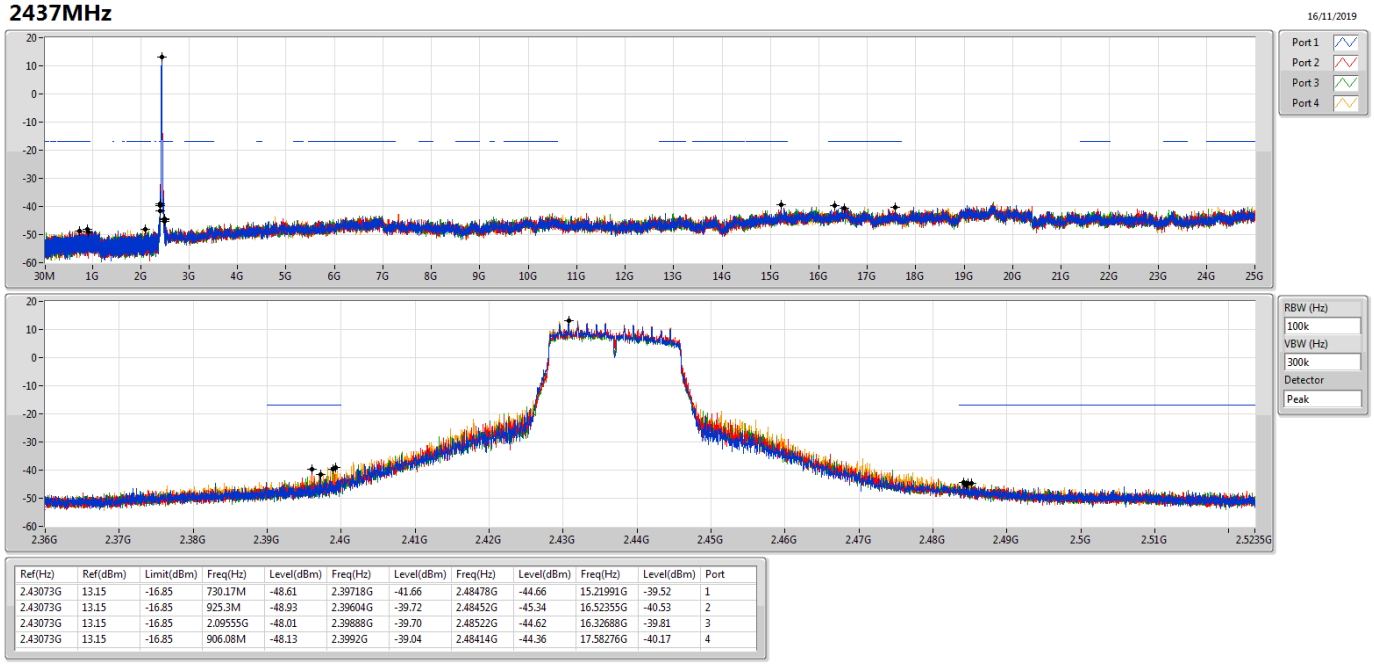
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.15	-16.85	2.12525G	-47.87	2.39838G	-34.72	2.48438G	-47.36	21.56391G	-40.22	1
2.43073G	13.15	-16.85	820.45M	-48.09	2.39864G	-33.82	2.5071G	-46.48	16.48141G	-39.72	2
2.43073G	13.15	-16.85	780.55M	-47.63	2.39982G	-37.09	2.50032G	-47.19	24.48585G	-41.19	3
2.43073G	13.15	-16.85	681.53M	-47.97	2.39702G	-35.94	2.49254G	-46.66	24.89886G	-40.85	4

VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

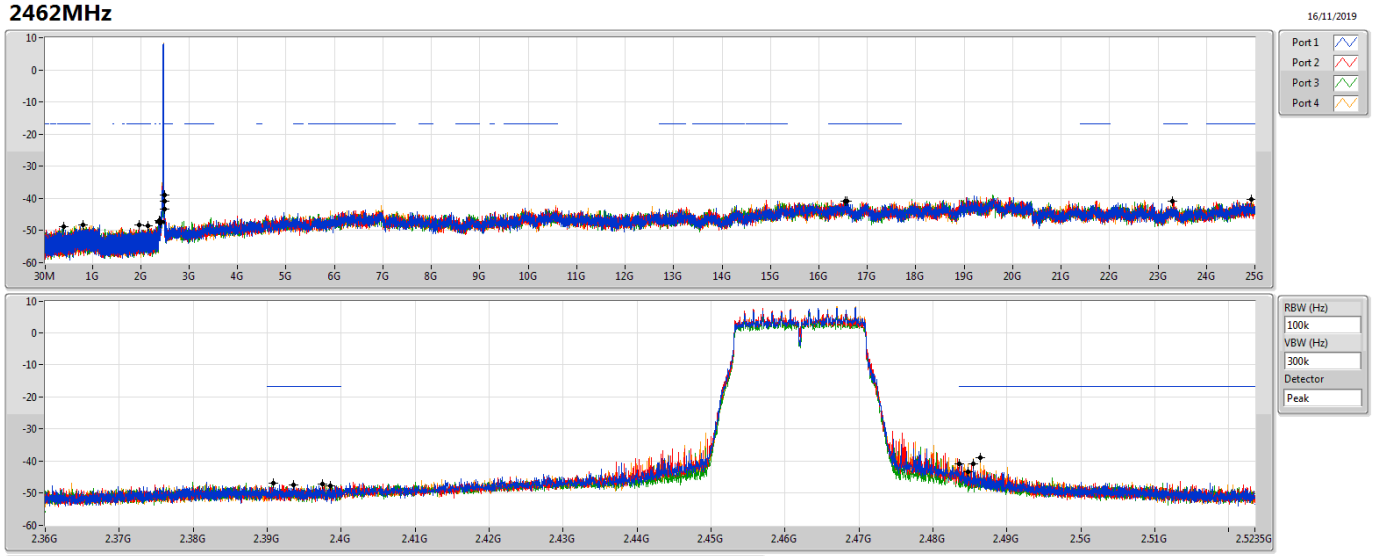
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.15	-16.85	730.17M	-48.61	2.39718G	-41.66	2.48478G	-44.66	15.21991G	-39.52	1
2.43073G	13.15	-16.85	925.3M	-48.93	2.39604G	-39.72	2.48452G	-45.34	16.52355G	-40.53	2
2.43073G	13.15	-16.85	2.09555G	-48.01	2.39888G	-39.70	2.48522G	-44.62	16.32688G	-39.81	3
2.43073G	13.15	-16.85	906.08M	-48.13	2.3992G	-39.04	2.48414G	-44.36	17.58276G	-40.17	4

VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

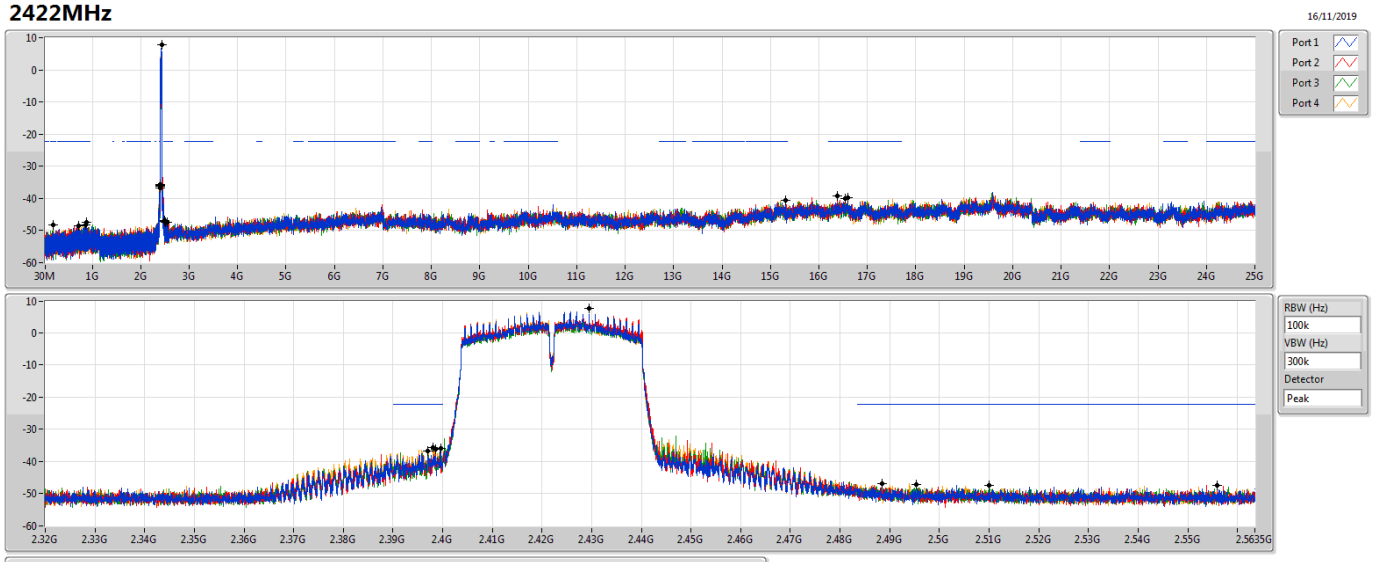
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	13.15	-16.85	800.65M	-48.27	2.39086G	-47.01	2.4855G	-40.94	16.57131G	-40.74	1
2.43073G	13.15	-16.85	1.96769G	-48.29	2.39752G	-47.19	2.4836G	-40.96	24.91852G	-40.29	2
2.43073G	13.15	-16.85	416.49M	-48.80	2.39358G	-47.36	2.48476G	-43.22	16.54041G	-40.78	3
2.43073G	13.15	-16.85	2.15088G	-48.52	2.39854G	-47.60	2.48638G	-39.05	23.30302G	-40.89	4

VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42948G	7.79	-22.21	880.74M	-47.49	2.39956G	-35.82	2.50998G	-47.39	15.30463G	-40.62	1
2.42948G	7.79	-22.21	716.43M	-48.49	2.3986G	-36.20	2.55594G	-47.32	16.38719G	-39.19	2
2.42948G	7.79	-22.21	194.59M	-48.20	2.397G	-36.69	2.49534G	-47.06	16.54985G	-40.01	3
2.42948G	7.79	-22.21	855.55M	-48.31	2.39812G	-35.53	2.48854G	-46.81	16.59192G	-39.86	4

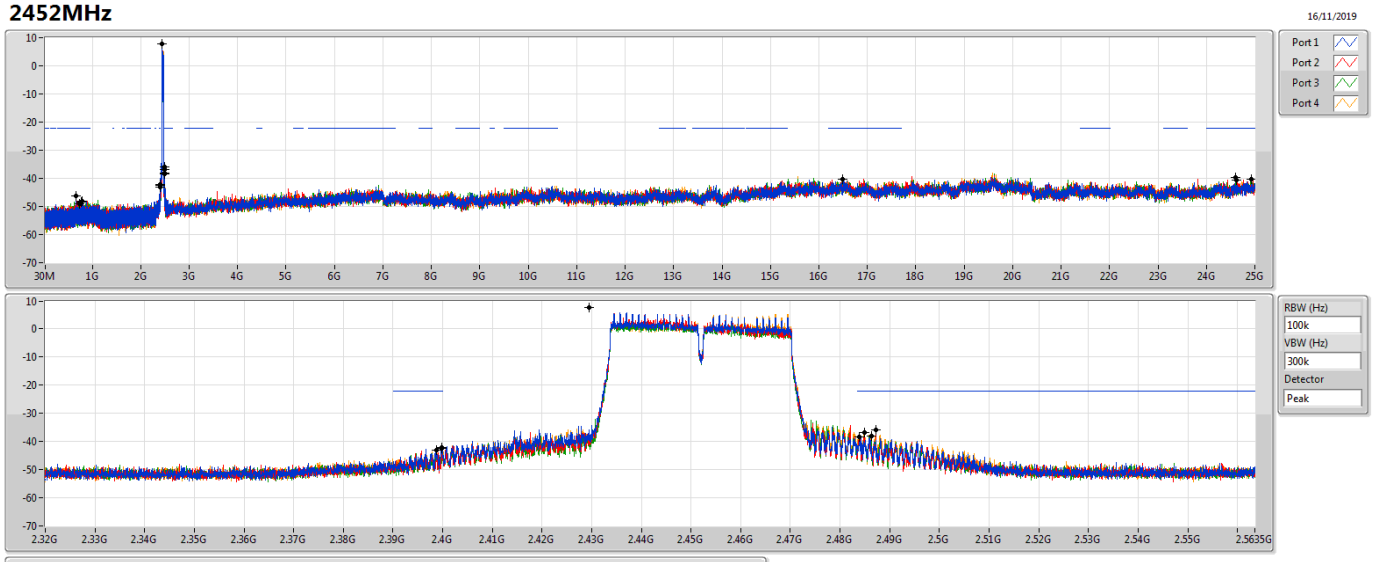
VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

2437MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42948G	7.79	-22.21	867.85M	-48.77	2.39952G	-34.81	2.48358G	-42.11	16.49657G	-39.92	1
2.42948G	7.79	-22.21	947.72M	-48.28	2.39948G	-36.72	2.48358G	-42.46	24.84575G	-39.98	2
2.42948G	7.79	-22.21	536.09M	-48.72	2.39944G	-36.59	2.48354G	-43.14	24.8149G	-39.38	3
2.42948G	7.79	-22.21	624.83M	-48.49	2.39948G	-34.44	2.4837G	-42.04	16.29464G	-40.05	4

VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42948G	7.79	-22.21	665.76M	-46.25	2.39984G	-42.16	2.4839G	-38.49	24.62699G	-40.72	1
2.42948G	7.79	-22.21	795.43M	-48.04	2.39976G	-42.43	2.48726G	-36.00	24.92989G	-40.19	2
2.42948G	7.79	-22.21	776.25M	-48.31	2.39884G	-43.12	2.48634G	-38.10	16.49096G	-40.32	3
2.42948G	7.79	-22.21	739.04M	-48.93	2.39976G	-42.25	2.4849G	-36.98	24.59614G	-39.68	4

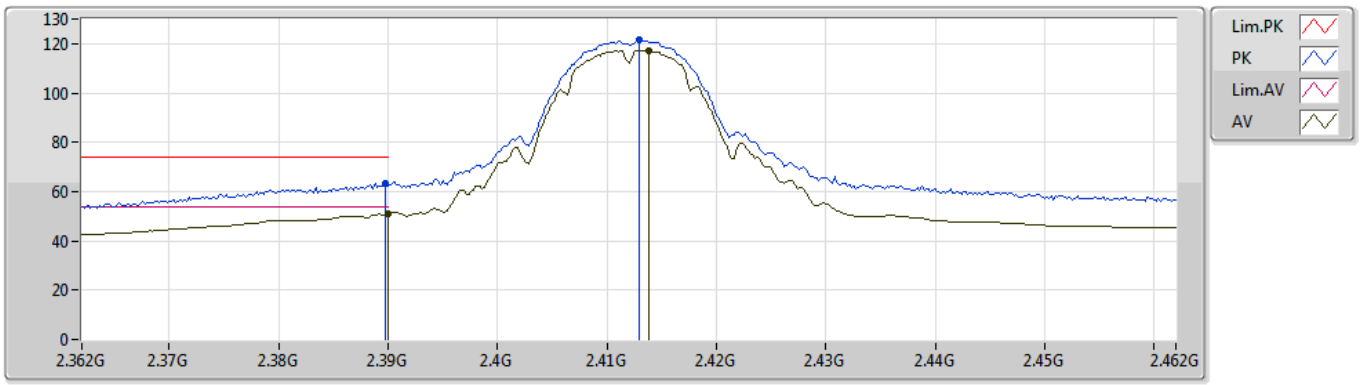
For non-beamforming mode:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
VHT40_Nss1,(MCS0)_4TX	Pass	AV	2.4842G	53.95	54.00	-0.05	31.39	3	Vertical	79	2.62	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

09/11/2019



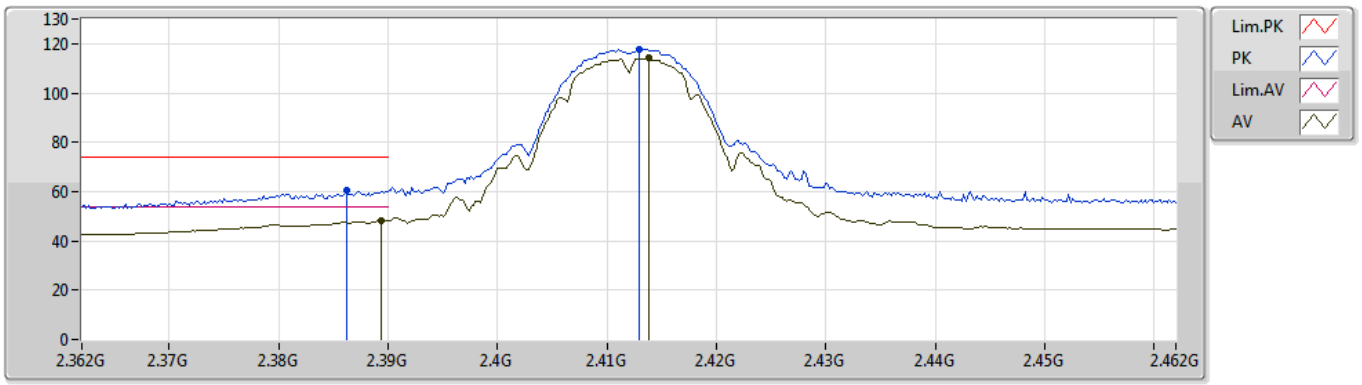
EUT Y_4TX
Setting 23.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	63.38	74.00	-10.62	30.11	3	Vertical	17	2.18	-	33.27
AV	2.39G	51.01	54.00	-2.99	30.11	3	Vertical	17	2.18	-	20.90
PK	2.413G	121.46	Inf	-Inf	30.16	3	Vertical	17	2.18	-	91.30
AV	2.4138G	117.39	Inf	-Inf	30.17	3	Vertical	17	2.18	-	87.22

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

09/11/2019



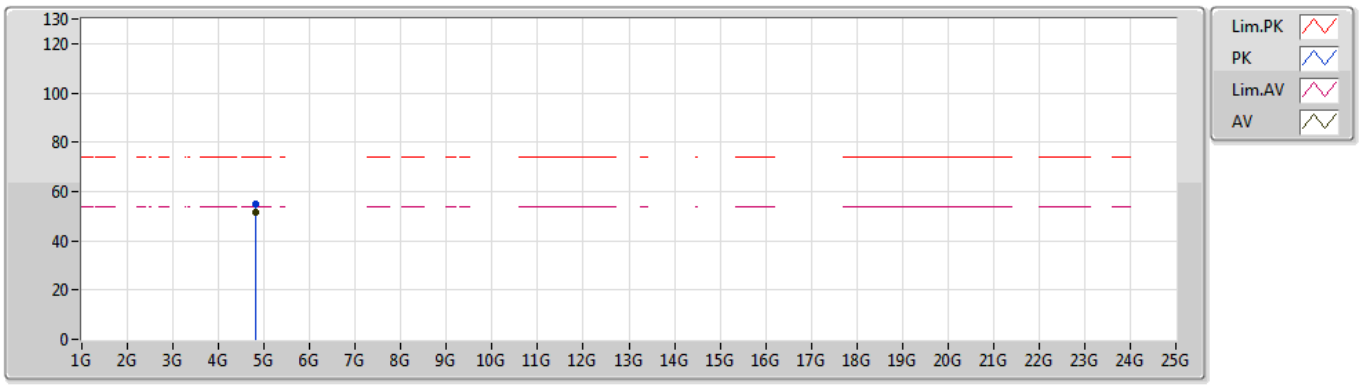
EUT Y_4TX
Setting 23.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3862G	60.39	74.00	-13.61	30.11	3	Horizontal	130	2.16	-	30.28
AV	2.3894G	48.26	54.00	-5.74	30.11	3	Horizontal	130	2.16	-	18.15
PK	2.413G	117.89	Inf	-Inf	30.16	3	Horizontal	130	2.16	-	87.73
AV	2.4138G	114.07	Inf	-Inf	30.17	3	Horizontal	130	2.16	-	83.90

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

09/11/2019



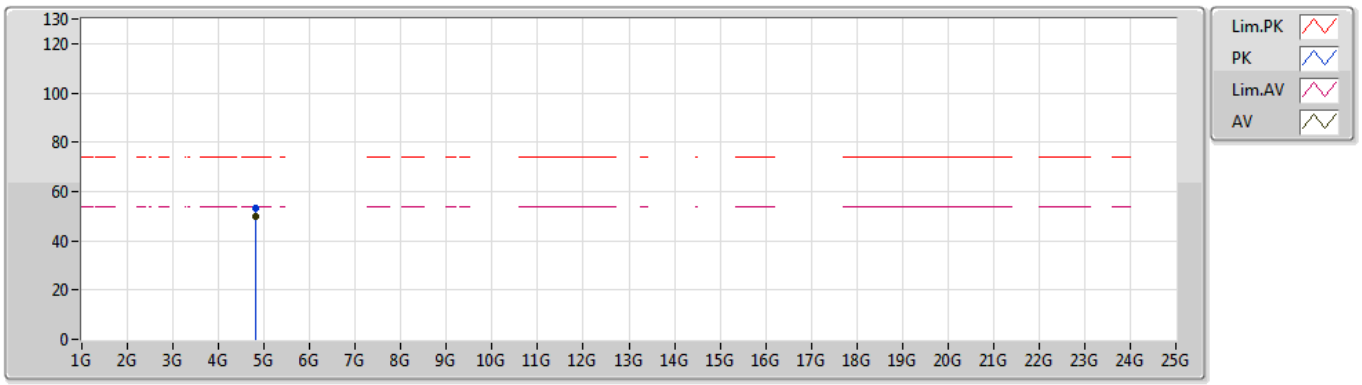
EUT Y_4TX
Setting 23.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.824G	54.92	74.00	-19.08	3.48	3	Vertical	265	2.53	-	51.44
AV	4.824G	51.70	54.00	-2.30	3.48	3	Vertical	265	2.53	-	48.22

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

09/11/2019



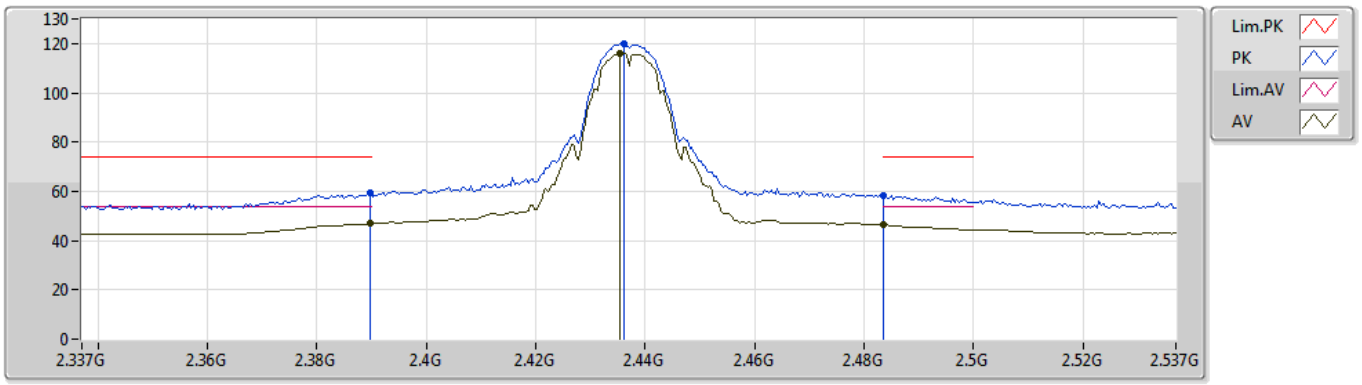
EUT Y_4TX
Setting 23.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.82406G	53.45	74.00	-20.55	3.48	3	Horizontal	65	2.15	-	49.97
AV	4.824G	50.06	54.00	-3.94	3.48	3	Horizontal	65	2.15	-	46.58

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

09/11/2019



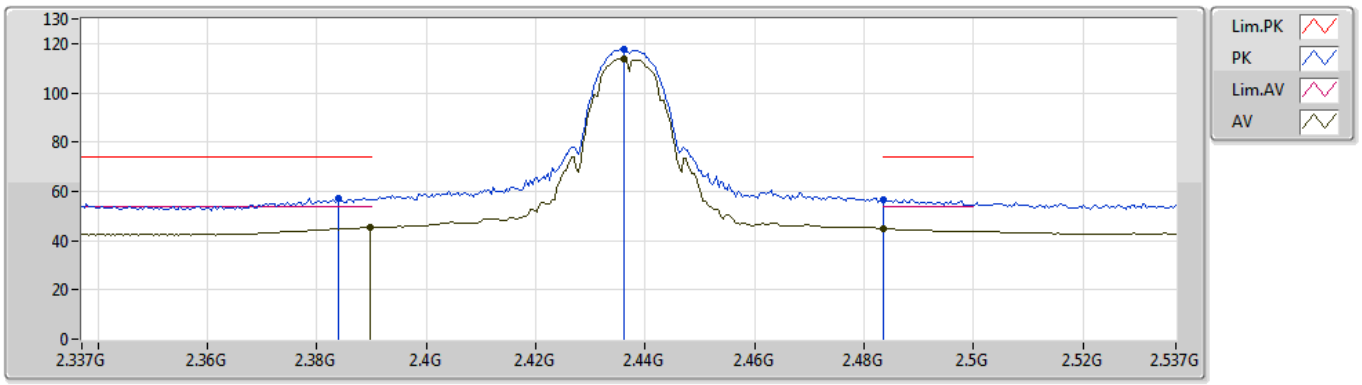
EUT Y_4TX
Setting 23.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	59.40	74.00	-14.60	30.11	3	Vertical	160	2.19	-	29.29
AV	2.3898G	46.81	54.00	-7.19	30.11	3	Vertical	160	2.19	-	16.70
PK	2.4362G	119.96	Inf	-Inf	30.26	3	Vertical	160	2.19	-	89.70
AV	2.4354G	116.04	Inf	-Inf	30.26	3	Vertical	160	2.19	-	85.78
PK	2.4835G	58.23	74.00	-15.77	30.47	3	Vertical	160	2.19	-	27.76
AV	2.4835G	46.35	54.00	-7.65	30.47	3	Vertical	160	2.19	-	15.88

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

09/11/2019



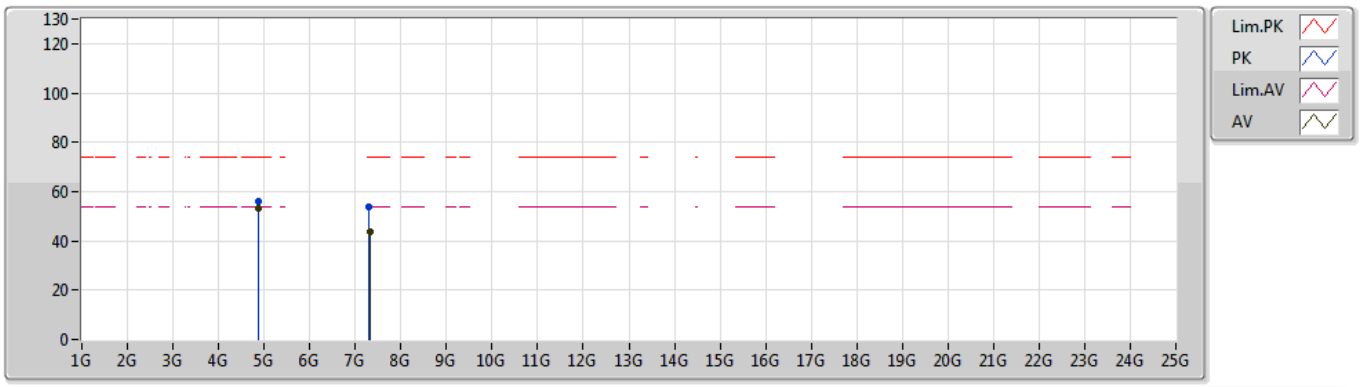
EUT Y_4TX
Setting 23.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3838G	57.14	74.00	-16.86	30.12	3	Horizontal	136	2.40	-	27.02
AV	2.3898G	45.37	54.00	-8.63	30.11	3	Horizontal	136	2.40	-	15.26
PK	2.4362G	117.71	Inf	-Inf	30.26	3	Horizontal	136	2.40	-	87.45
AV	2.4362G	113.83	Inf	-Inf	30.26	3	Horizontal	136	2.40	-	83.57
PK	2.4835G	56.76	74.00	-17.24	30.47	3	Horizontal	136	2.40	-	26.29
AV	2.4835G	44.89	54.00	-9.11	30.47	3	Horizontal	136	2.40	-	14.42

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

09/11/2019



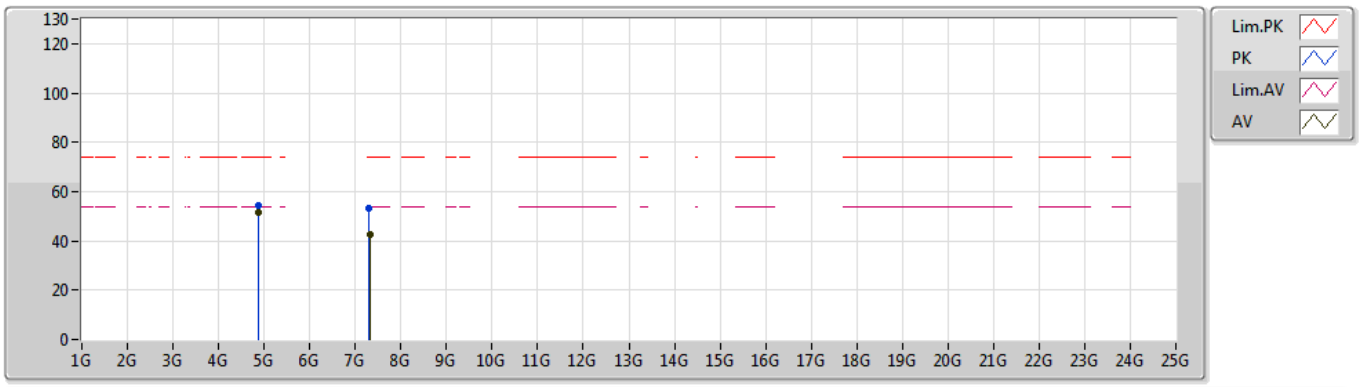
EUT Y_4TX
Setting 23.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.87394G	55.99	74.00	-18.01	3.73	3	Vertical	187	1.09	-	52.26
AV	4.874G	53.21	54.00	-0.79	3.73	3	Vertical	187	1.09	-	49.48
PK	7.31016G	53.62	74.00	-20.38	9.59	3	Vertical	66	1.75	-	44.03
AV	7.31022G	43.65	54.00	-10.35	9.59	3	Vertical	66	1.75	-	34.06

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

09/11/2019



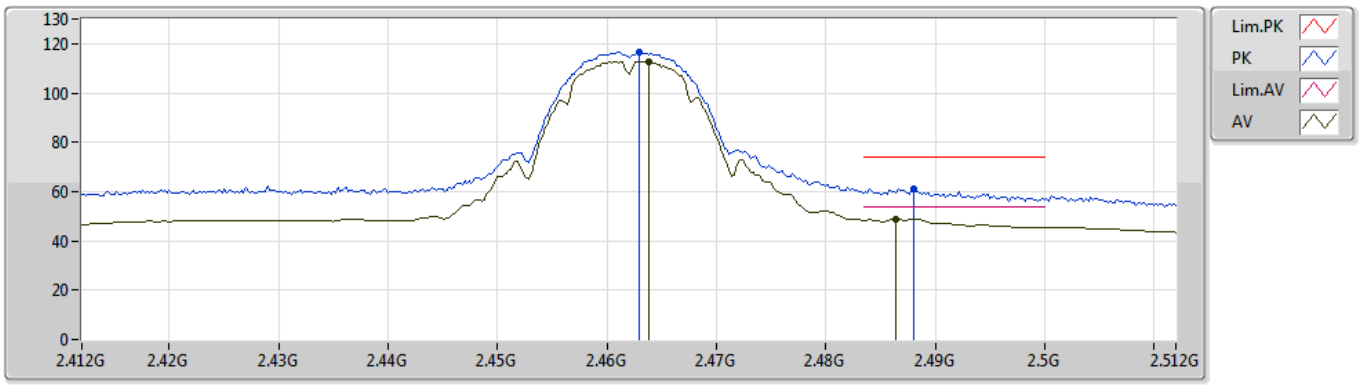
EUT Y_4TX
Setting 23.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.874G	54.46	74.00	-19.54	3.73	3	Horizontal	66	2.12	-	50.73
AV	4.874G	51.56	54.00	-2.44	3.73	3	Horizontal	66	2.12	-	47.83
PK	7.30992G	53.12	74.00	-20.88	9.59	3	Horizontal	25	1.50	-	43.53
AV	7.31028G	42.48	54.00	-11.52	9.59	3	Horizontal	25	1.50	-	32.89

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

09/11/2019



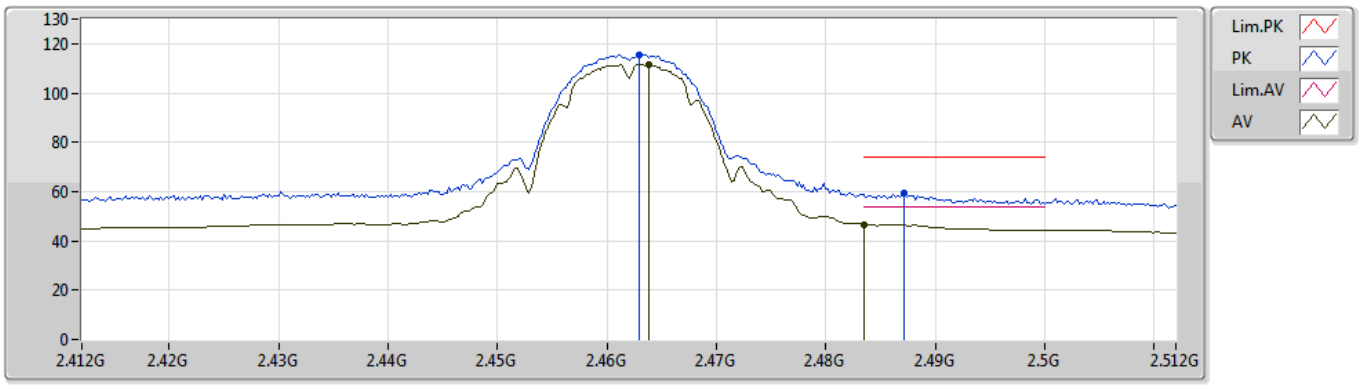
EUT Y_4TX
Setting 23
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.463G	116.61	Inf	-Inf	30.38	3	Vertical	333	1.47	-	86.23
AV	2.4638G	112.62	Inf	-Inf	30.39	3	Vertical	333	1.47	-	82.23
PK	2.488G	61.07	74.00	-12.93	30.49	3	Vertical	333	1.47	-	30.58
AV	2.4864G	48.80	54.00	-5.20	30.49	3	Vertical	333	1.47	-	18.31

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

09/11/2019



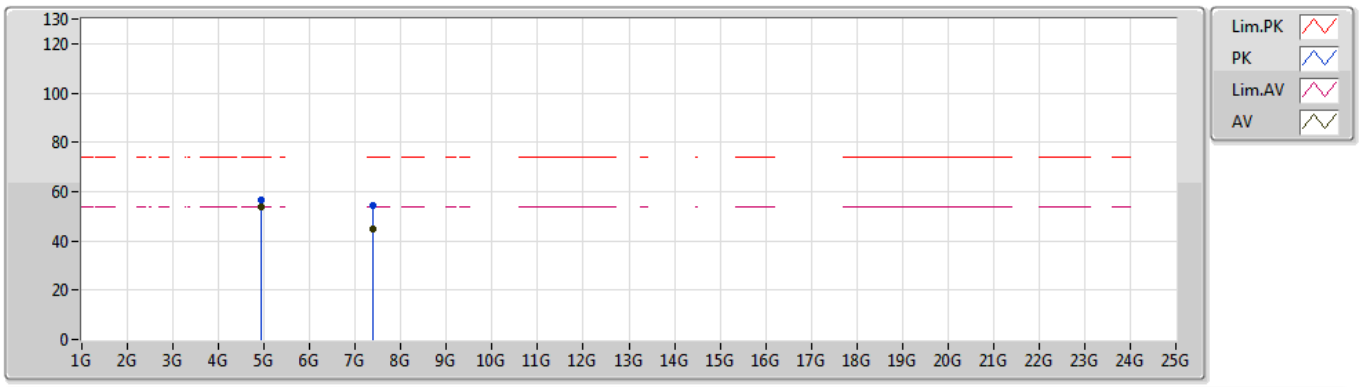
EUT Y_4TX
Setting 23
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.463G	115.51	Inf	-Inf	30.38	3	Horizontal	351	2.21	-	85.13
AV	2.4638G	111.39	Inf	-Inf	30.39	3	Horizontal	351	2.21	-	81.00
PK	2.4872G	59.23	74.00	-14.77	30.49	3	Horizontal	351	2.21	-	28.74
AV	2.4835G	46.71	54.00	-7.29	30.47	3	Horizontal	351	2.21	-	16.24

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

09/11/2019



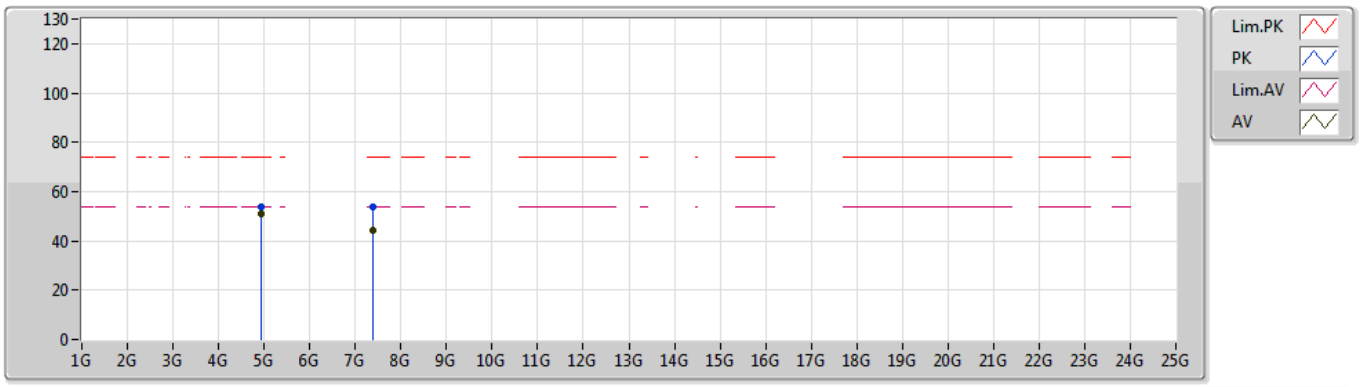
EUT Y_4TX
Setting 23
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.92406G	56.48	74.00	-17.52	3.92	3	Vertical	266	2.42	-	52.56
AV	4.924G	53.75	54.00	-0.25	3.92	3	Vertical	266	2.42	-	49.83
PK	7.38696G	54.55	74.00	-19.45	9.61	3	Vertical	236	1.83	-	44.94
AV	7.38672G	45.05	54.00	-8.95	9.61	3	Vertical	236	1.83	-	35.44

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

09/11/2019



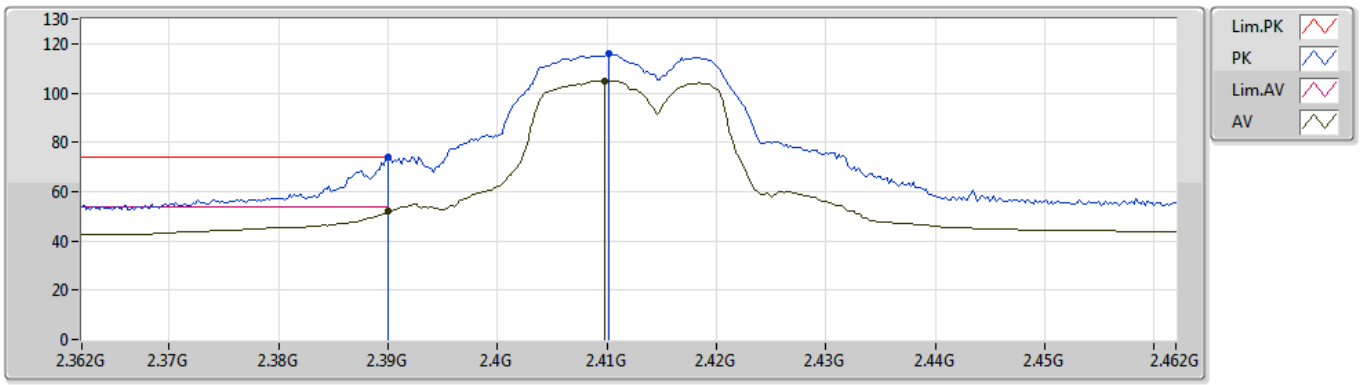
EUT Y_4TX
Setting 23
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.92406G	53.89	74.00	-20.11	3.92	3	Horizontal	70	2.37	-	49.97
AV	4.924G	50.88	54.00	-3.12	3.92	3	Horizontal	70	2.37	-	46.96
PK	7.3857G	53.99	74.00	-20.01	9.61	3	Horizontal	238	1.18	-	44.38
AV	7.38522G	44.04	54.00	-9.96	9.61	3	Horizontal	238	1.18	-	34.43

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

09/11/2019



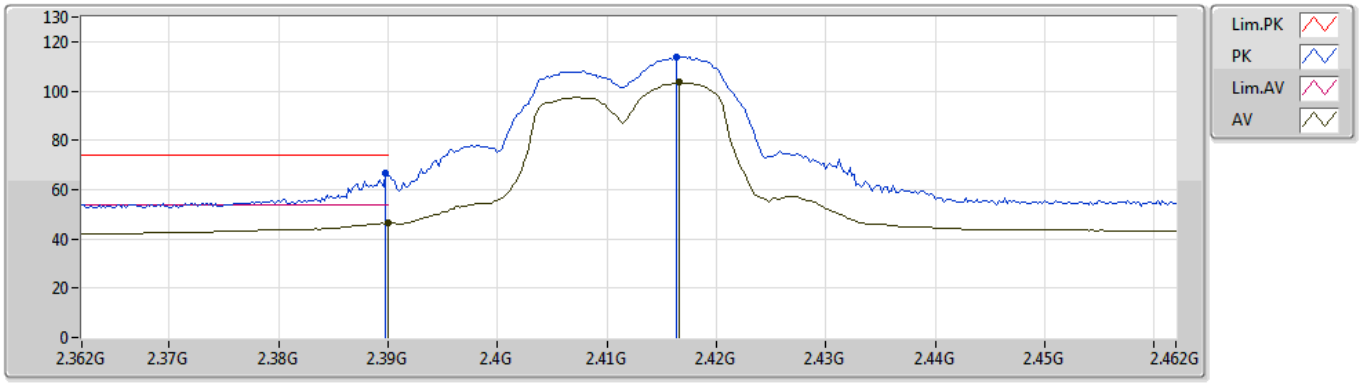
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	73.82	74.00	-0.18	30.11	3	Vertical	27	1.80	-	43.71
AV	2.39G	51.90	54.00	-2.10	30.11	3	Vertical	27	1.80	-	21.79
PK	2.4102G	115.91	Inf	-Inf	30.15	3	Vertical	27	1.80	-	85.76
AV	2.4098G	105.05	Inf	-Inf	30.14	3	Vertical	27	1.80	-	74.91

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

09/11/2019



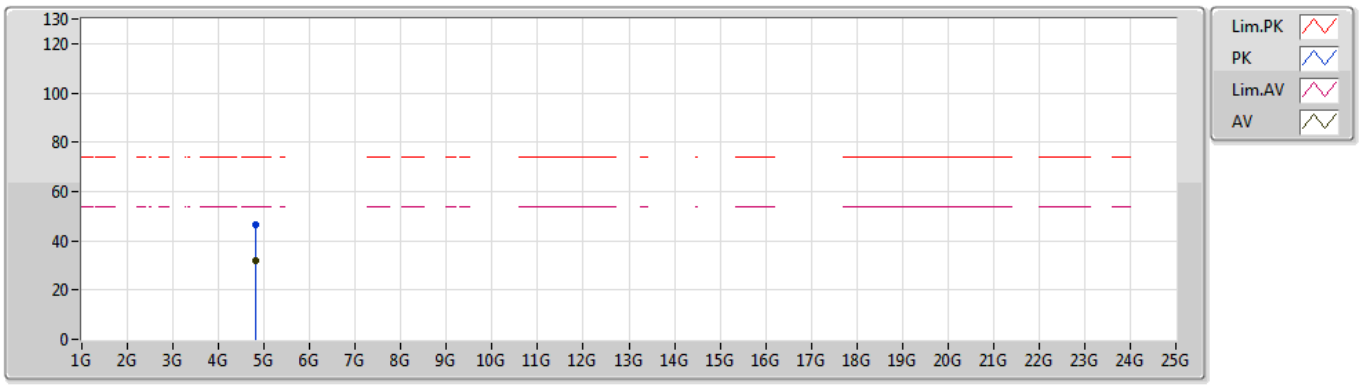
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	66.57	74.00	-7.43	30.11	3	Horizontal	320	2.49	-	36.46
AV	2.39G	46.52	54.00	-7.48	30.11	3	Horizontal	320	2.49	-	16.41
PK	2.4164G	113.91	Inf	-Inf	30.18	3	Horizontal	320	2.49	-	83.73
AV	2.4166G	103.41	Inf	-Inf	30.18	3	Horizontal	320	2.49	-	73.23

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

09/11/2019



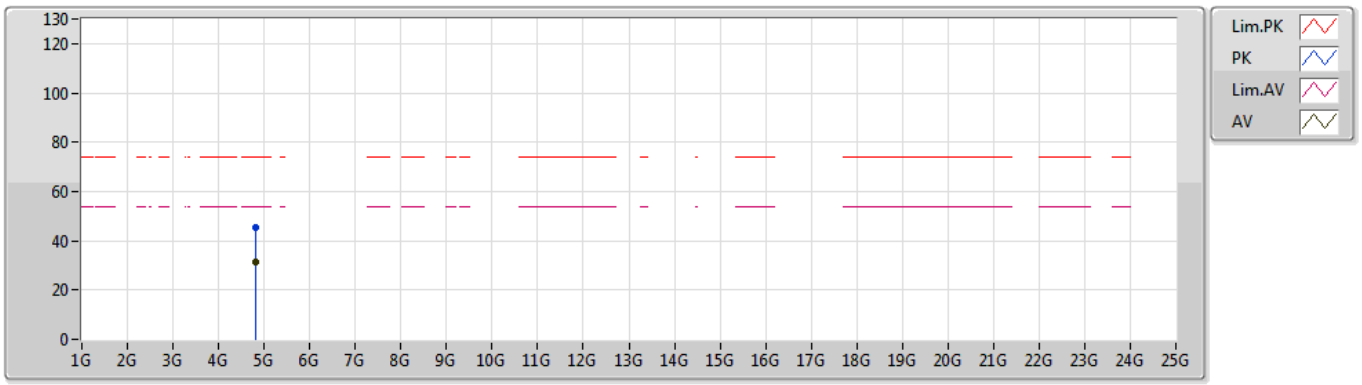
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.82256G	46.40	74.00	-27.60	3.47	3	Vertical	276	2.36	-	42.93
AV	4.82352G	32.15	54.00	-21.85	3.47	3	Vertical	276	2.36	-	28.68

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

09/11/2019



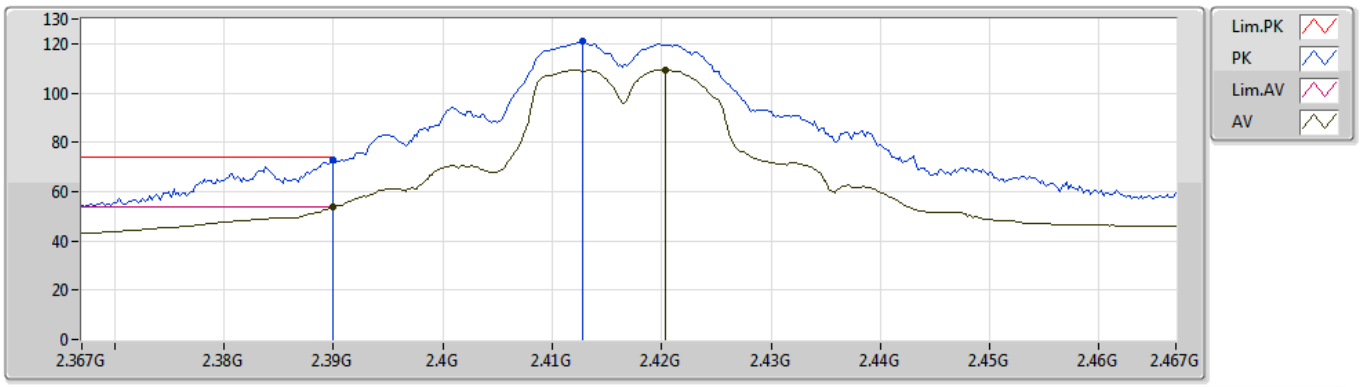
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8264G	45.24	74.00	-28.76	3.49	3	Horizontal	70	1.02	-	41.75
AV	4.8232G	31.27	54.00	-22.73	3.47	3	Horizontal	70	1.02	-	27.80

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

12/11/2019



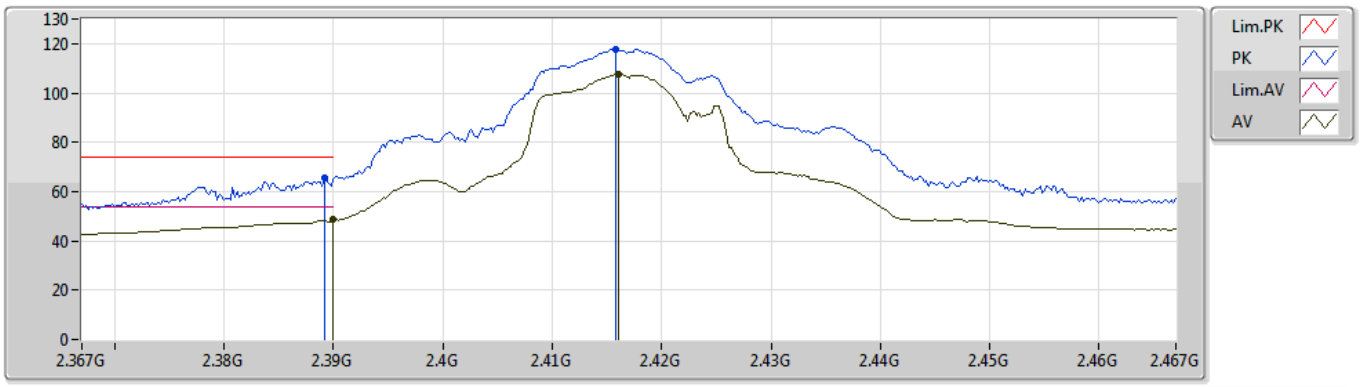
EUT Y_4TX
Setting 22
04-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	72.78	74.00	-1.22	30.11	3	Vertical	17	1.90	-	42.67
AV	2.39G	53.62	54.00	-0.38	30.11	3	Vertical	17	1.90	-	23.51
PK	2.4128G	120.83	Inf	-Inf	30.16	3	Vertical	17	1.90	-	90.67
AV	2.4204G	109.47	Inf	-Inf	30.19	3	Vertical	17	1.90	-	79.28

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

12/11/2019



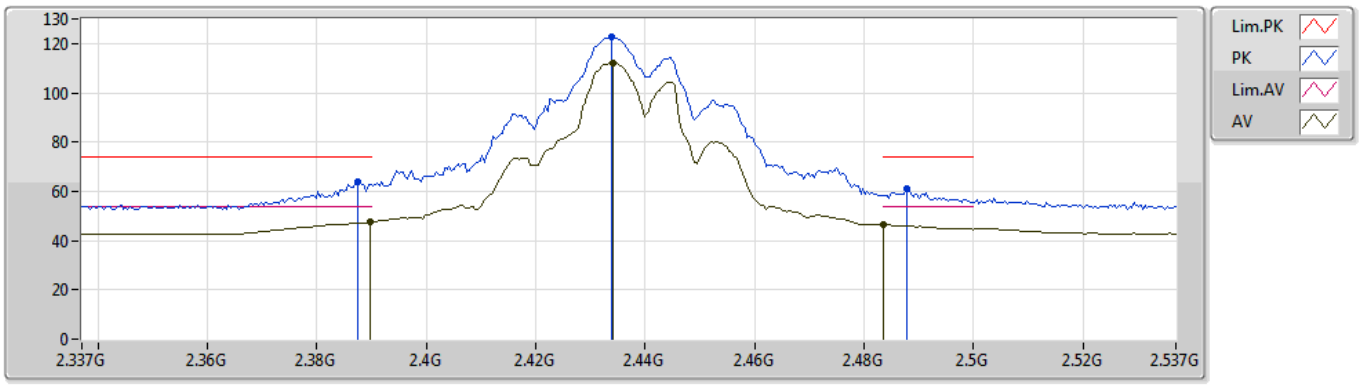
EUT Y_4TX
Setting 22
04-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3892G	65.81	74.00	-8.19	30.11	3	Horizontal	228	1.12	-	35.70
AV	2.39G	48.85	54.00	-5.15	30.11	3	Horizontal	228	1.12	-	18.74
PK	2.4158G	117.69	Inf	-Inf	30.17	3	Horizontal	228	1.12	-	87.52
AV	2.416G	107.67	Inf	-Inf	30.17	3	Horizontal	228	1.12	-	77.50

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

09/11/2019



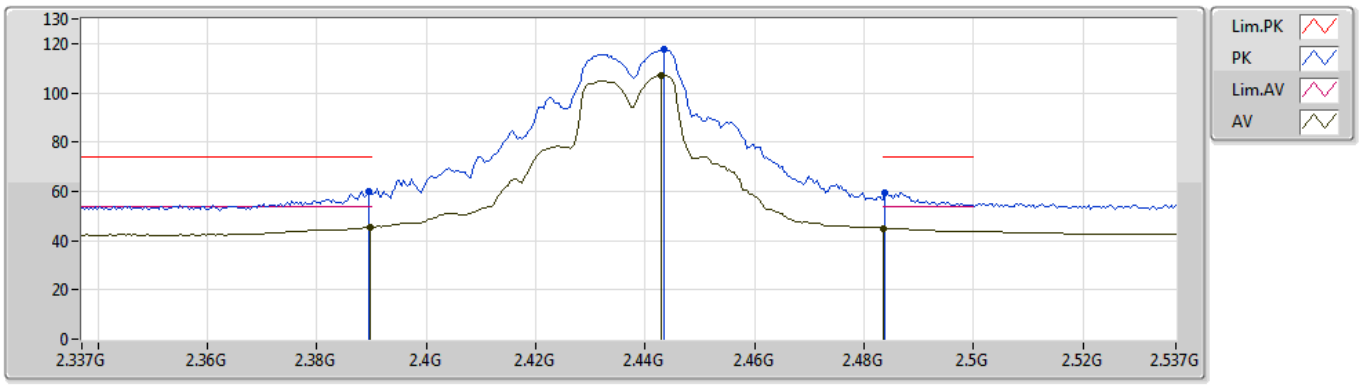
EUT Y_4TX
Setting 24
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3874G	63.69	74.00	-10.31	30.11	3	Vertical	27	2.44	-	33.58
AV	2.3898G	47.57	54.00	-6.43	30.11	3	Vertical	27	2.44	-	17.46
PK	2.4338G	122.61	Inf	-Inf	30.26	3	Vertical	27	2.44	-	92.35
AV	2.4342G	112.17	Inf	-Inf	30.26	3	Vertical	27	2.44	-	81.91
PK	2.4878G	61.15	74.00	-12.85	30.49	3	Vertical	27	2.44	-	30.66
AV	2.4835G	46.38	54.00	-7.62	30.47	3	Vertical	27	2.44	-	15.91

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

09/11/2019



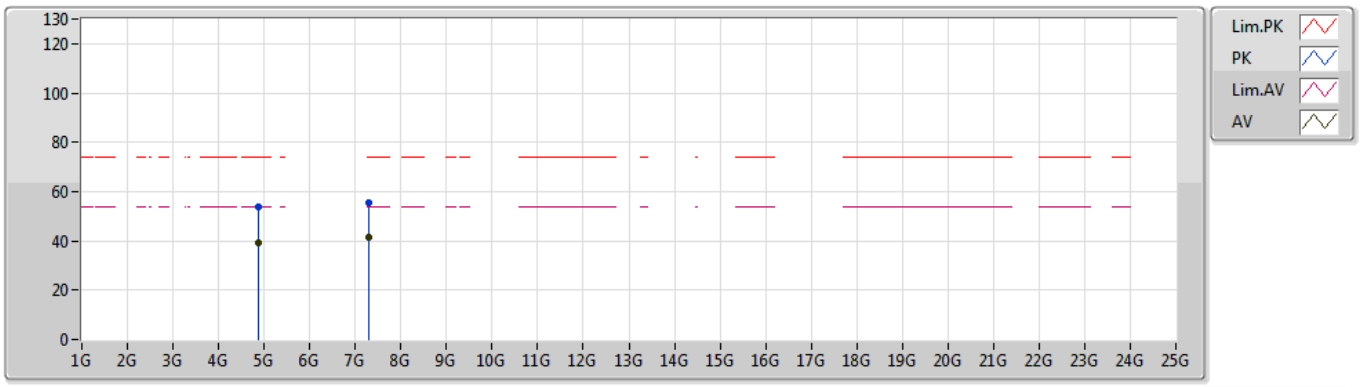
EUT Y_4TX
Setting 24
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3894G	59.80	74.00	-14.20	30.11	3	Horizontal	217	1.50	-	29.69
AV	2.3898G	45.48	54.00	-8.52	30.11	3	Horizontal	217	1.50	-	15.37
PK	2.4434G	117.49	Inf	-Inf	30.29	3	Horizontal	217	1.50	-	87.20
AV	2.443G	107.13	Inf	-Inf	30.29	3	Horizontal	217	1.50	-	76.84
PK	2.4838G	59.22	74.00	-14.78	30.48	3	Horizontal	217	1.50	-	28.74
AV	2.4835G	45.06	54.00	-8.94	30.47	3	Horizontal	217	1.50	-	14.59

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

09/11/2019



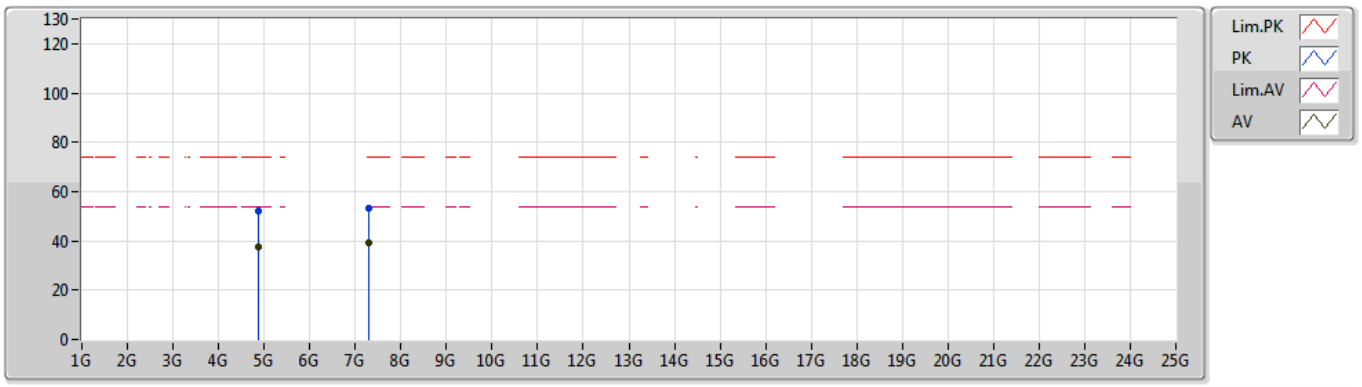
EUT Y_4TX
Setting 24
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.86784G	53.58	74.00	-20.42	3.69	3	Vertical	266	2.64	-	49.89
AV	4.86816G	39.15	54.00	-14.85	3.69	3	Vertical	266	2.64	-	35.46
PK	7.299G	55.30	74.00	-18.70	9.58	3	Vertical	134	2.67	-	45.72
AV	7.30028G	41.35	54.00	-12.65	9.58	3	Vertical	134	2.67	-	31.77

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

09/11/2019



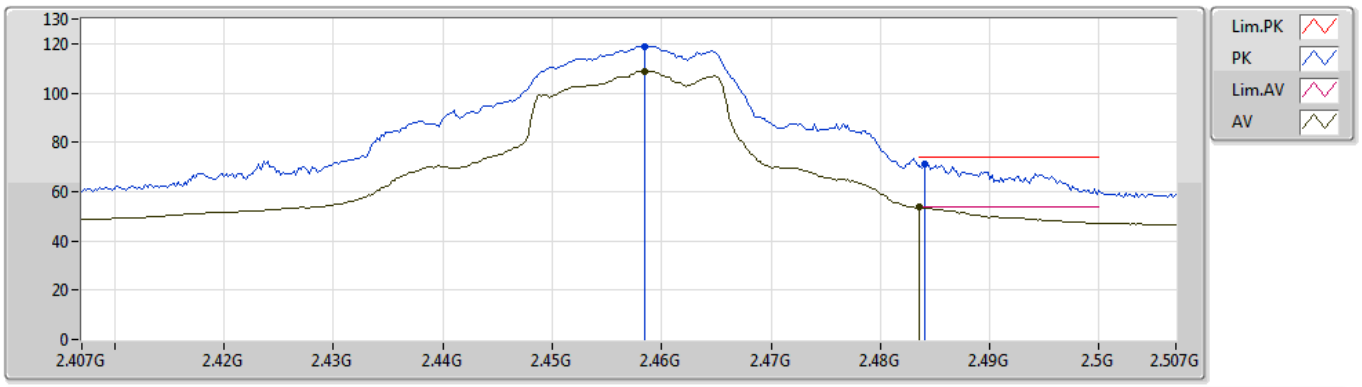
EUT Y_4TX
Setting 24
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.86776G	52.31	74.00	-21.69	3.69	3	Horizontal	64	2.24	-	48.62
AV	4.8668G	37.48	54.00	-16.52	3.69	3	Horizontal	64	2.24	-	33.79
PK	7.29964G	53.35	74.00	-20.65	9.58	3	Horizontal	234	1.35	-	43.77
AV	7.30644G	38.96	54.00	-15.04	9.59	3	Horizontal	234	1.35	-	29.37

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

12/11/2019



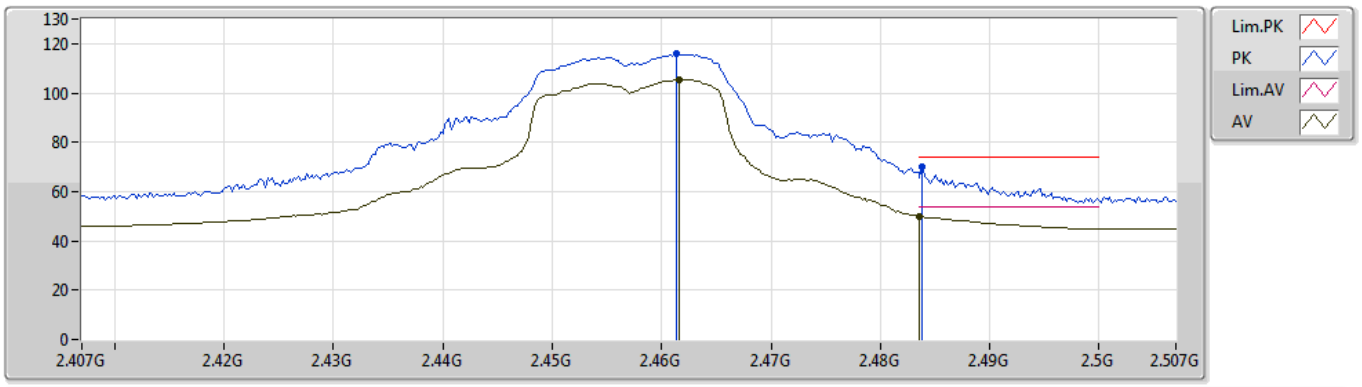
EUT Y_4TX
Setting 22
04-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4584G	119.01	Inf	-Inf	30.36	3	Vertical	264	1.68	-	88.65
AV	2.4584G	108.83	Inf	-Inf	30.36	3	Vertical	264	1.68	-	78.47
PK	2.484G	71.16	74.00	-2.84	30.48	3	Vertical	264	1.68	-	40.68
AV	2.48350G	53.77	54.00	-0.23	30.47	3	Vertical	264	1.68	-	23.30

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

12/11/2019



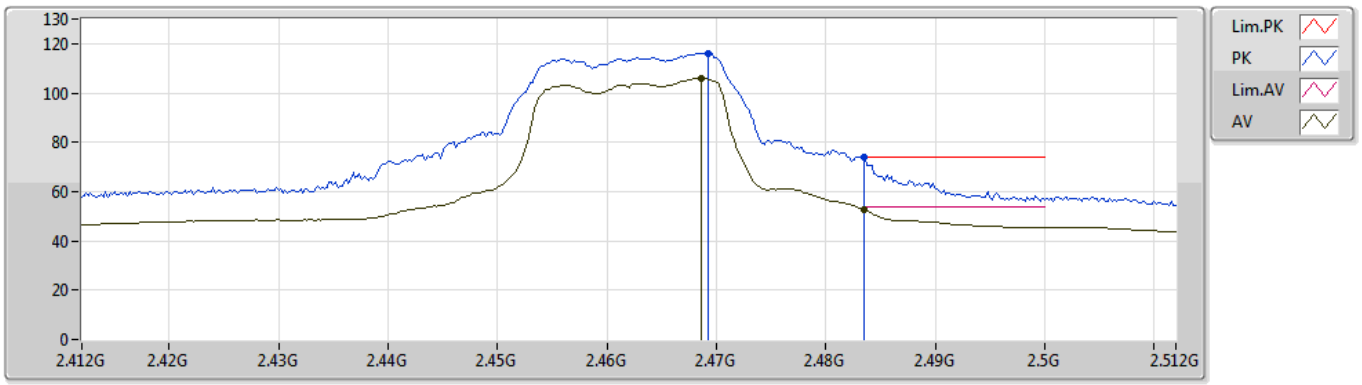
EUT Y_4TX
Setting 22
04-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4614G	115.90	Inf	-Inf	30.38	3	Horizontal	225	1.41	-	85.52
AV	2.4616G	105.52	Inf	-Inf	30.38	3	Horizontal	225	1.41	-	75.14
PK	2.4838G	69.85	74.00	-4.15	30.48	3	Horizontal	225	1.41	-	39.37
AV	2.4835G	49.99	54.00	-4.01	30.47	3	Horizontal	225	1.41	-	19.52

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

09/11/2019



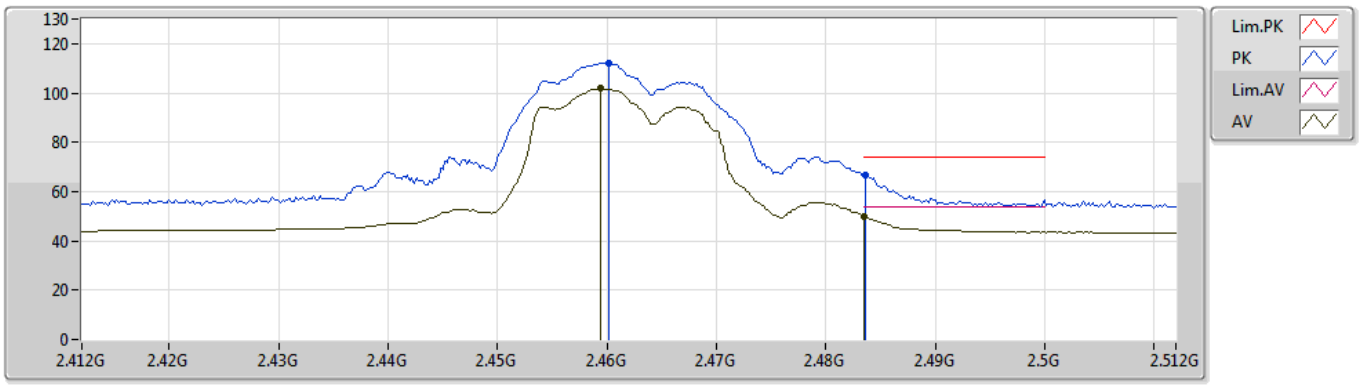
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4692G	116.18	Inf	-Inf	30.41	3	Vertical	276	2.56	-	85.77
AV	2.4686G	105.98	Inf	-Inf	30.40	3	Vertical	276	2.56	-	75.58
PK	2.4835G	73.89	74.00	-0.11	30.47	3	Vertical	276	2.56	-	43.42
AV	2.4835G	52.57	54.00	-1.43	30.47	3	Vertical	276	2.56	-	22.10

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

09/11/2019



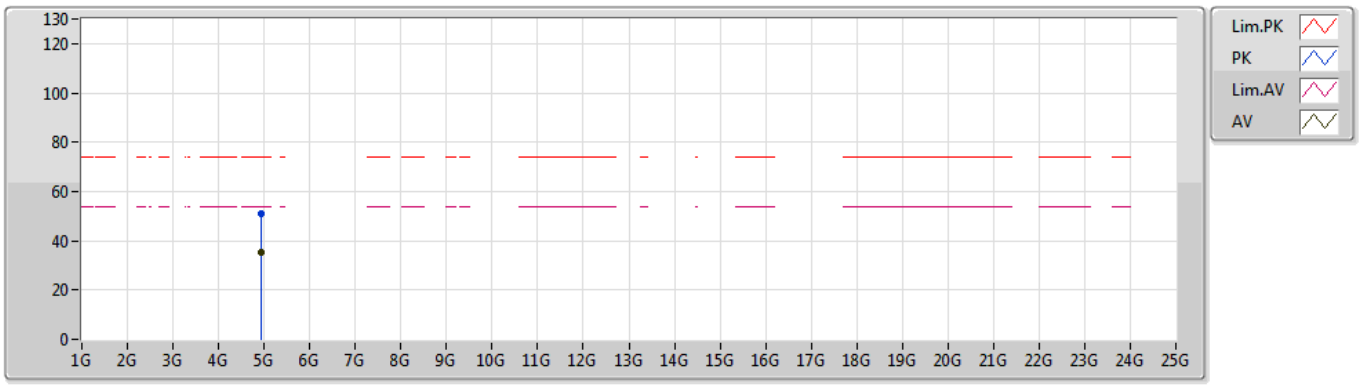
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4602G	112.27	Inf	-Inf	30.37	3	Horizontal	145	1.50	-	81.90
AV	2.4594G	101.75	Inf	-Inf	30.37	3	Horizontal	145	1.50	-	71.38
PK	2.4836G	66.74	74.00	-7.26	30.47	3	Horizontal	145	1.50	-	36.27
AV	2.4835G	49.88	54.00	-4.12	30.47	3	Horizontal	145	1.50	-	19.41

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

09/11/2019



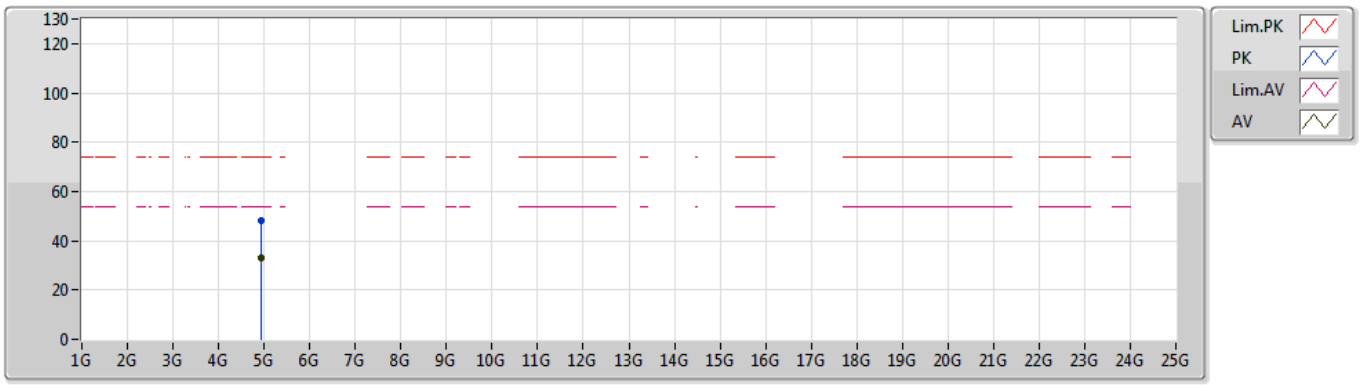
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.92646G	51.23	74.00	-22.77	3.92	3	Vertical	268	2.54	-	47.31
AV	4.92604G	35.31	54.00	-18.69	3.92	3	Vertical	268	2.54	-	31.39

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

09/11/2019



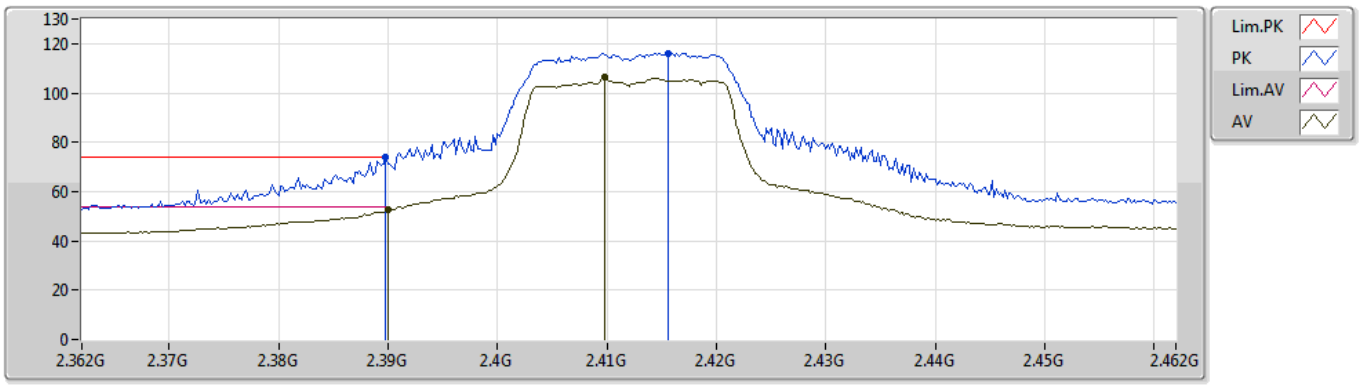
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.92682G	48.31	74.00	-25.69	3.92	3	Horizontal	79	1.03	-	44.39
AV	4.9261G	33.21	54.00	-20.79	3.92	3	Horizontal	79	1.03	-	29.29

VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

09/11/2019



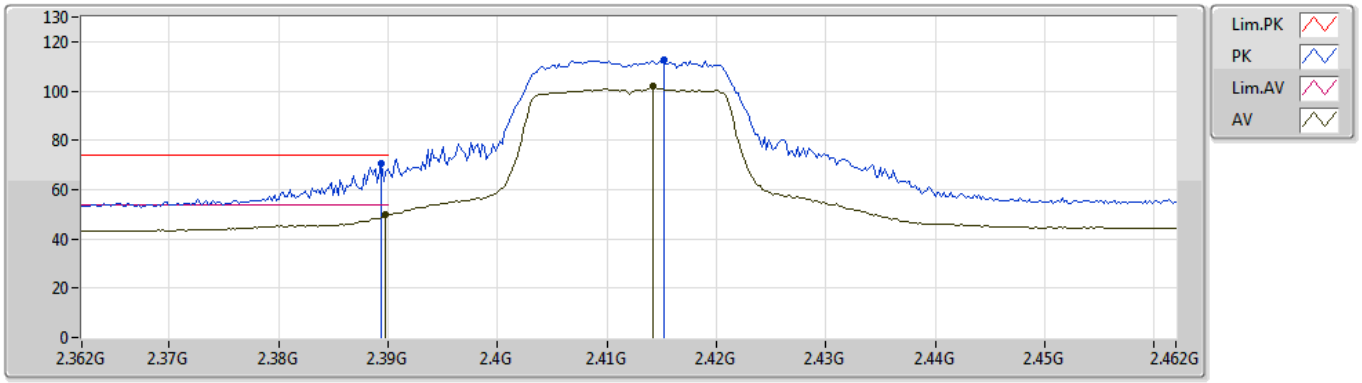
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	73.71	74.00	-0.29	30.11	3	Vertical	277	2.97	-	43.60
AV	2.39G	52.42	54.00	-1.58	30.11	3	Vertical	277	2.97	-	22.31
PK	2.4156G	116.25	Inf	-Inf	30.17	3	Vertical	277	2.97	-	86.08
AV	2.4098G	106.43	Inf	-Inf	30.14	3	Vertical	277	2.97	-	76.29

VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

09/11/2019



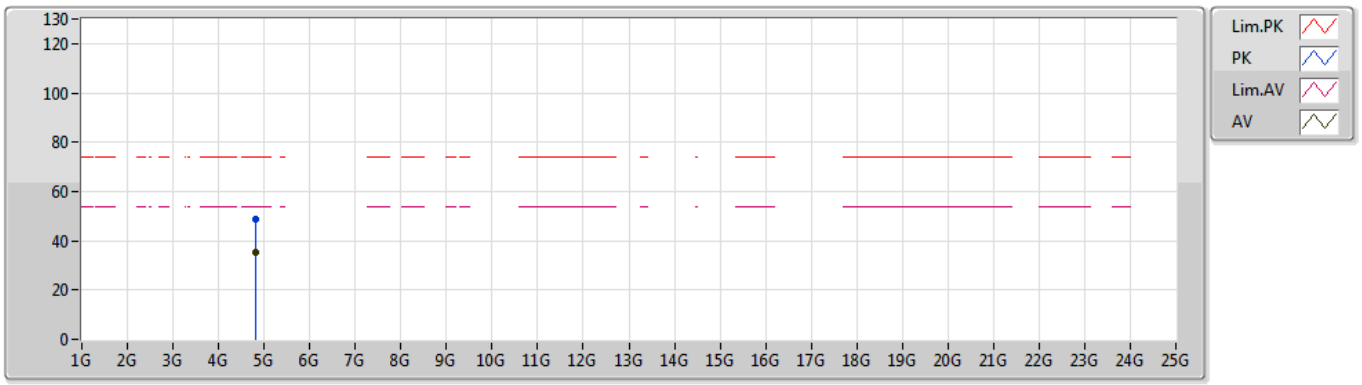
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3894G	70.77	74.00	-3.23	30.11	3	Horizontal	224	1.74	-	40.66
AV	2.3898G	49.60	54.00	-4.40	30.11	3	Horizontal	224	1.74	-	19.49
PK	2.4152G	112.44	Inf	-Inf	30.17	3	Horizontal	224	1.74	-	82.27
AV	2.4142G	101.73	Inf	-Inf	30.17	3	Horizontal	224	1.74	-	71.56

VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

09/11/2019



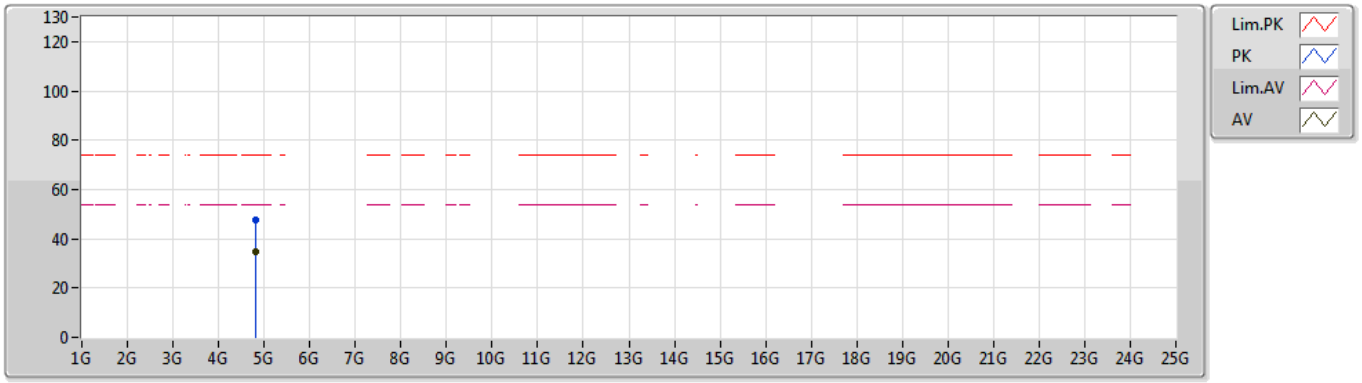
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8234G	48.65	74.00	-25.35	3.47	3	Vertical	267	2.52	-	45.18
AV	4.82196G	35.08	54.00	-18.92	3.47	3	Vertical	267	2.52	-	31.61

VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

09/11/2019



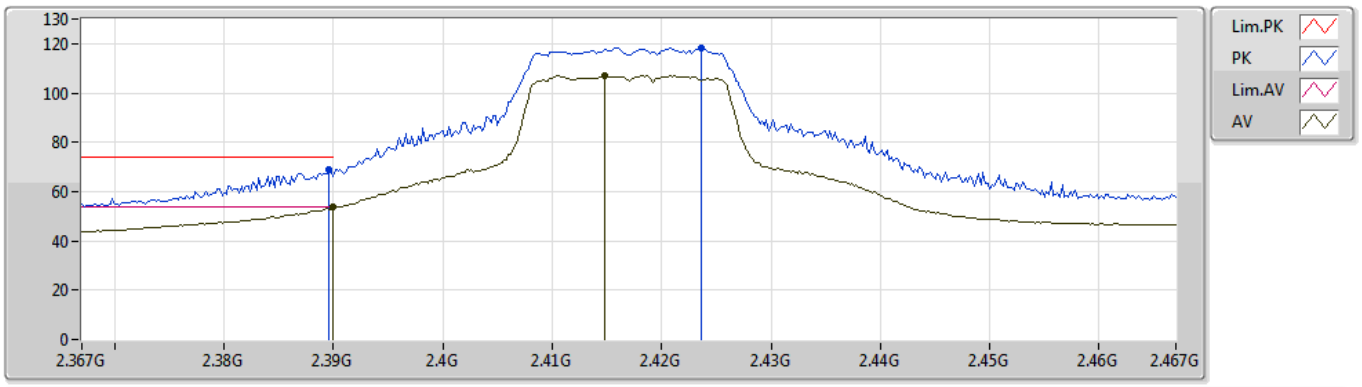
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.82442G	47.53	74.00	-26.47	3.48	3	Horizontal	64	2.19	-	44.05
AV	4.82538G	34.57	54.00	-19.43	3.48	3	Horizontal	64	2.19	-	31.09

VHT20_Nss1,(MCS0)_4TX

2417MHz_TX

12/11/2019



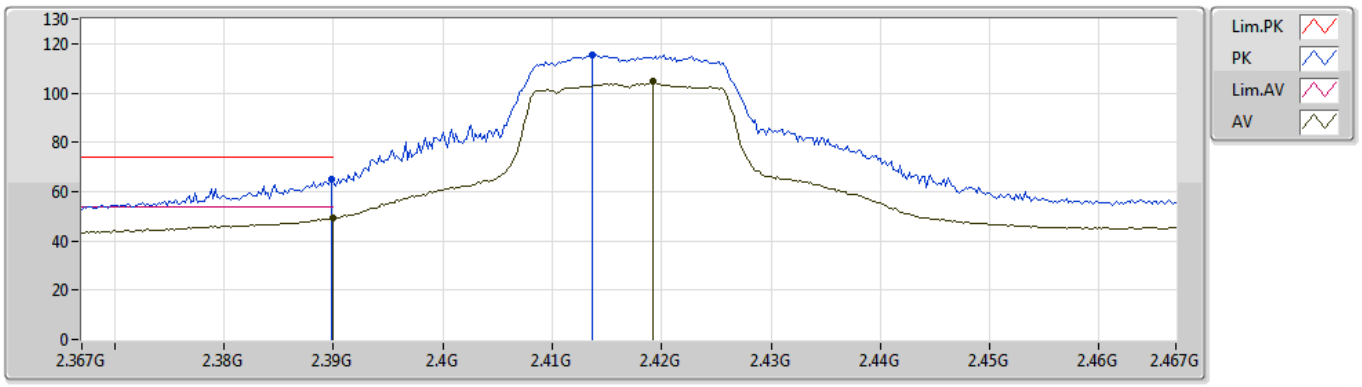
EUT Y_4TX
Setting 21
04-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3896G	68.99	74.00	-5.01	30.11	3	Vertical	20	1.65	-	38.88
AV	2.39G	53.52	54.00	-0.48	30.11	3	Vertical	20	1.65	-	23.41
PK	2.4236G	118.34	Inf	-Inf	30.20	3	Vertical	20	1.65	-	88.14
AV	2.4148G	107.25	Inf	-Inf	30.17	3	Vertical	20	1.65	-	77.08

VHT20_Nss1,(MCS0)_4TX

2417MHz_TX

12/11/2019



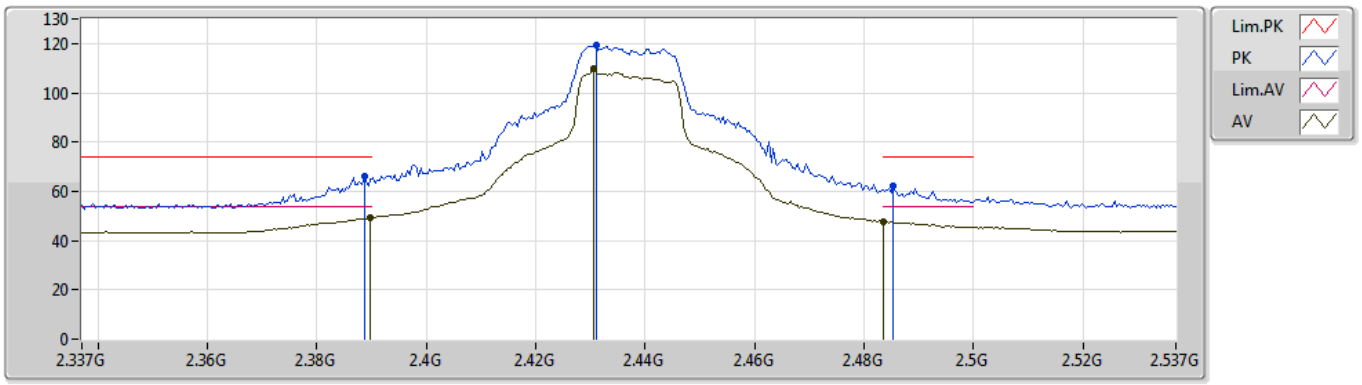
EUT Y_4TX
Setting 21
04-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	64.72	74.00	-9.28	30.11	3	Horizontal	226	1.14	-	34.61
AV	2.39G	49.28	54.00	-4.72	30.11	3	Horizontal	226	1.14	-	19.17
PK	2.4136G	115.34	Inf	-Inf	30.16	3	Horizontal	226	1.14	-	85.18
AV	2.4192G	104.58	Inf	-Inf	30.19	3	Horizontal	226	1.14	-	74.39

VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

09/11/2019



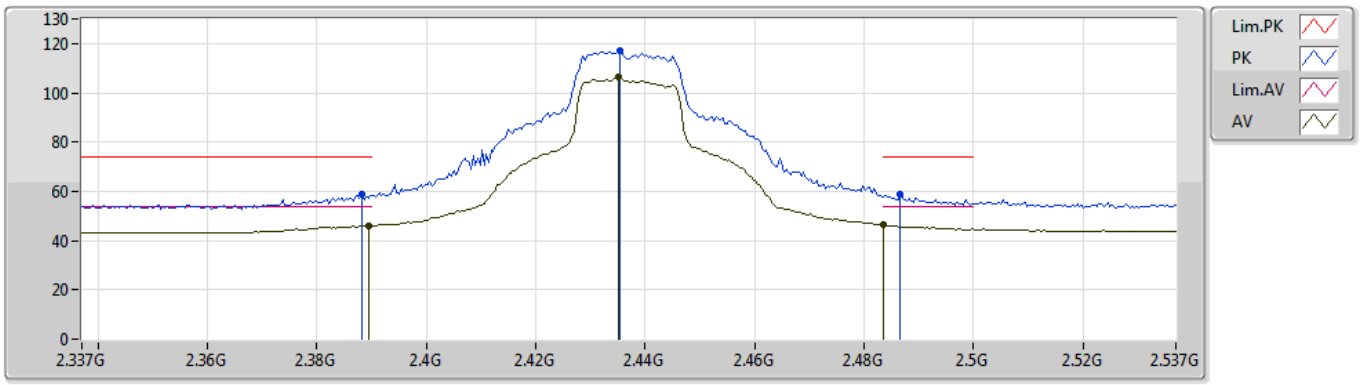
EUT Y_4TX
Setting 24
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3886G	66.36	74.00	-7.64	30.11	3	Vertical	176	1.50	-	36.25
AV	2.3898G	49.29	54.00	-4.71	30.11	3	Vertical	176	1.50	-	19.18
PK	2.431G	119.29	Inf	-Inf	30.24	3	Vertical	176	1.50	-	89.05
AV	2.4306G	109.73	Inf	-Inf	30.24	3	Vertical	176	1.50	-	79.49
PK	2.4854G	62.22	74.00	-11.78	30.48	3	Vertical	176	1.50	-	31.74
AV	2.4835G	47.86	54.00	-6.14	30.47	3	Vertical	176	1.50	-	17.39

VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

09/11/2019



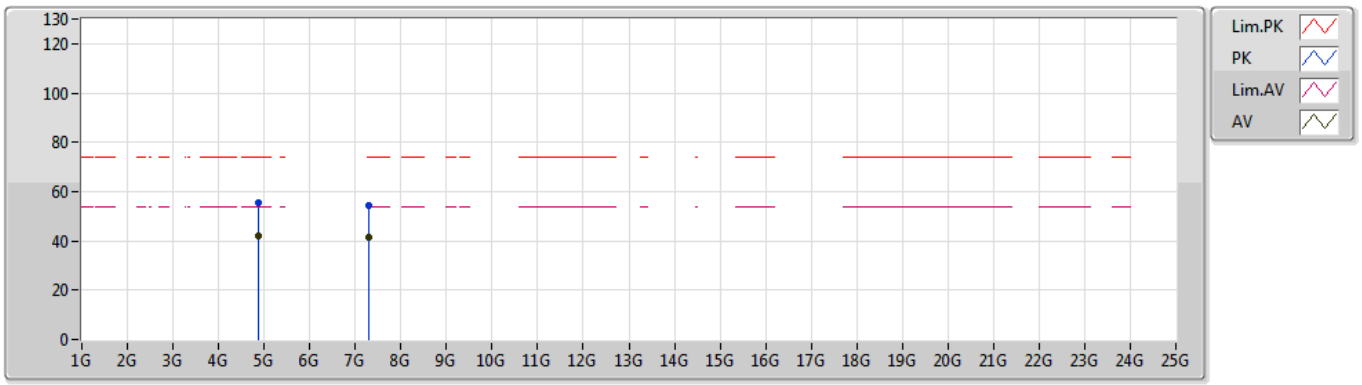
EUT Y_4TX
Setting 24
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3882G	58.81	74.00	-15.19	30.11	3	Horizontal	334	2.01	-	28.70
AV	2.3894G	46.10	54.00	-7.90	30.11	3	Horizontal	334	2.01	-	15.99
PK	2.4354G	116.96	Inf	-Inf	30.26	3	Horizontal	334	2.01	-	86.70
AV	2.435G	106.62	Inf	-Inf	30.26	3	Horizontal	334	2.01	-	76.36
PK	2.4866G	58.86	74.00	-15.14	30.49	3	Horizontal	334	2.01	-	28.37
AV	2.4835G	46.63	54.00	-7.37	30.47	3	Horizontal	334	2.01	-	16.16

VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

09/11/2019



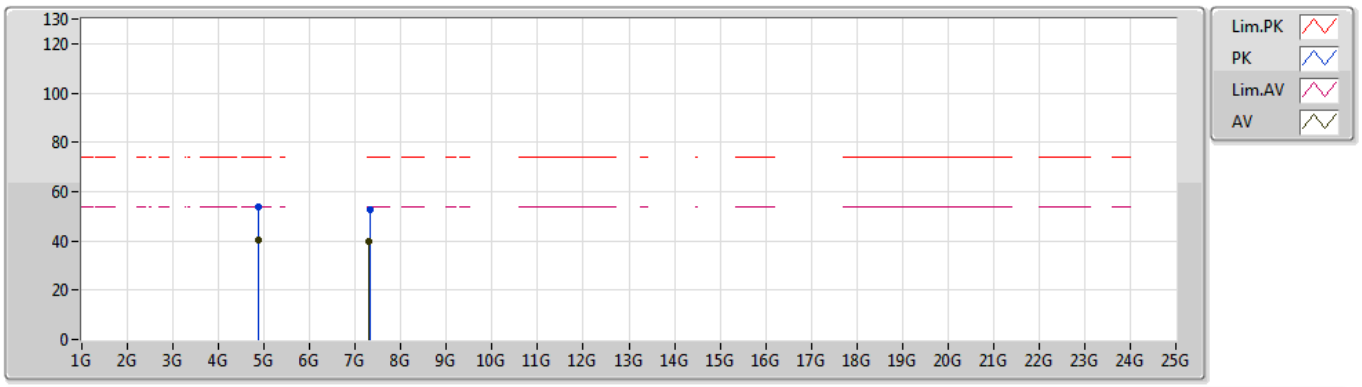
EUT Y_4TX
Setting 24
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.87328G	55.33	74.00	-18.67	3.72	3	Vertical	259	2.48	-	51.61
AV	4.87502G	42.13	54.00	-11.87	3.73	3	Vertical	259	2.48	-	38.40
PK	7.30524G	54.61	74.00	-19.39	9.59	3	Vertical	136	2.67	-	45.02
AV	7.3083G	41.22	54.00	-12.78	9.59	3	Vertical	136	2.67	-	31.63

VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

09/11/2019



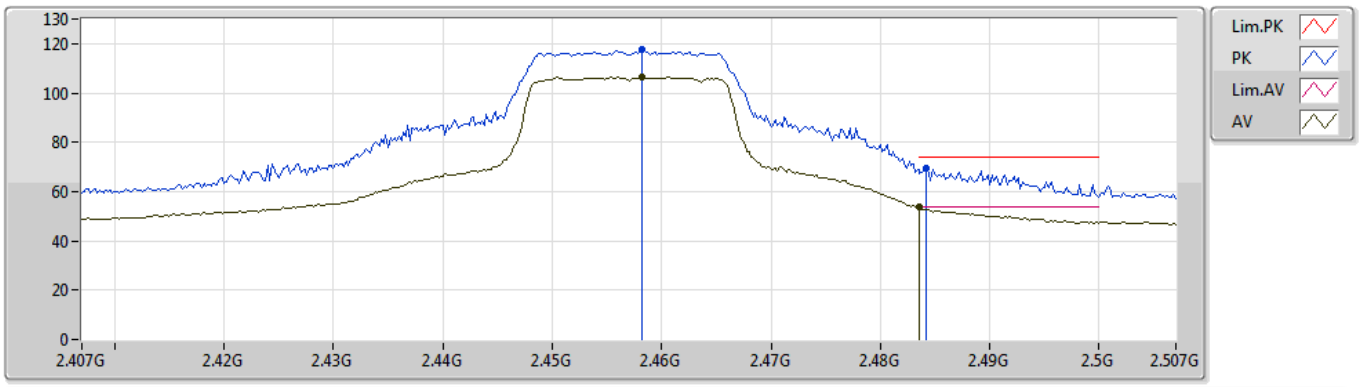
EUT Y_4TX
Setting 24
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.87742G	53.93	74.00	-20.07	3.74	3	Horizontal	65	2.51	-	50.19
AV	4.87358G	40.62	54.00	-13.38	3.72	3	Horizontal	65	2.51	-	36.90
PK	7.31106G	52.68	74.00	-21.32	9.59	3	Horizontal	142	1.47	-	43.09
AV	7.30908G	39.54	54.00	-14.46	9.59	3	Horizontal	142	1.47	-	29.95

VHT20_Nss1,(MCS0)_4TX

12/11/2019

2457MHz_TX



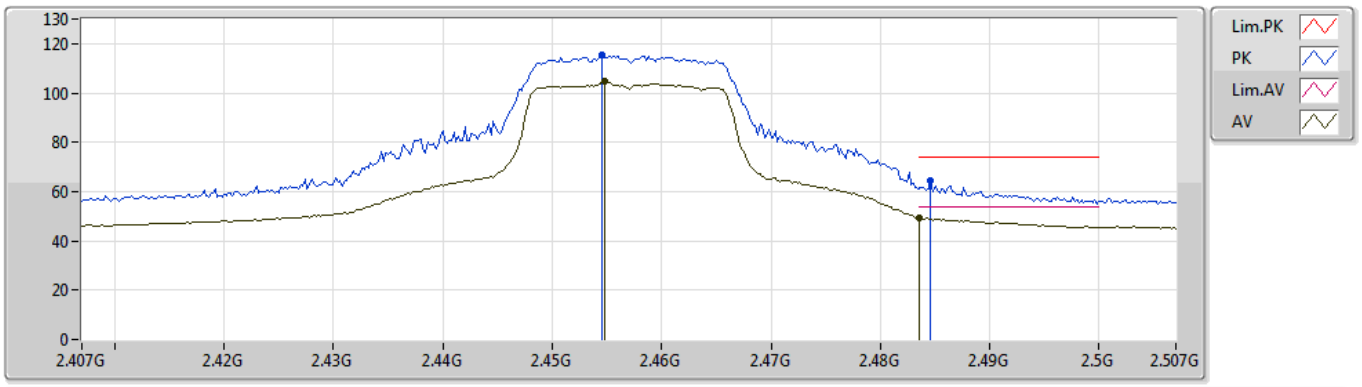
EUT Y_4TX
Setting 21
04-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4582G	117.42	Inf	-Inf	30.36	3	Vertical	254	1.54	-	87.06
AV	2.4582G	106.62	Inf	-Inf	30.36	3	Vertical	254	1.54	-	76.26
PK	2.4842G	69.27	74.00	-4.73	30.48	3	Vertical	254	1.54	-	38.79
AV	2.4835G	53.63	54.00	-0.37	30.47	3	Vertical	254	1.54	-	23.16

VHT20_Nss1,(MCS0)_4TX

2457MHz_TX

12/11/2019



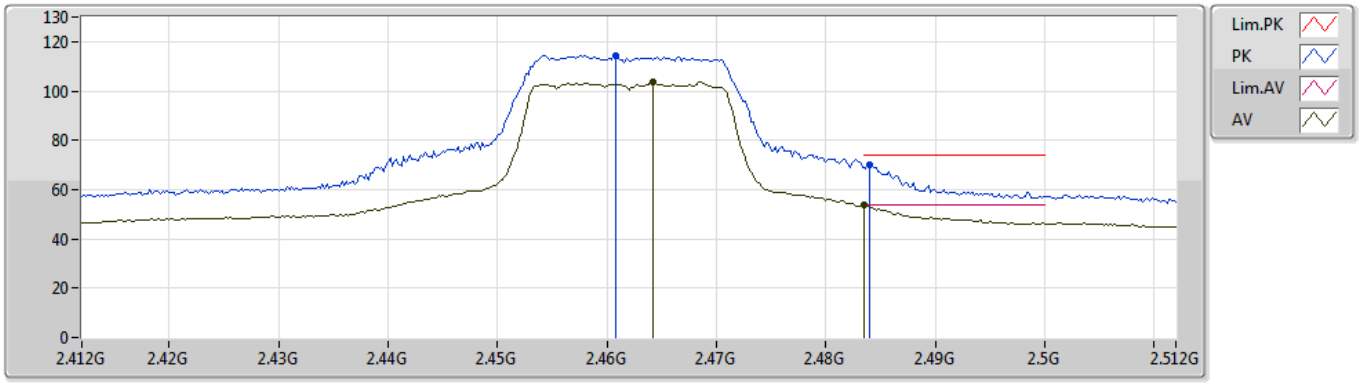
EUT Y_4TX
Setting 21
04-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4546G	115.51	Inf	-Inf	30.35	3	Horizontal	224	1.81	-	85.16
AV	2.4548G	104.97	Inf	-Inf	30.35	3	Horizontal	224	1.81	-	74.62
PK	2.4846G	64.50	74.00	-9.50	30.48	3	Horizontal	224	1.81	-	34.02
AV	2.4835G	49.27	54.00	-4.73	30.47	3	Horizontal	224	1.81	-	18.80

VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

09/11/2019



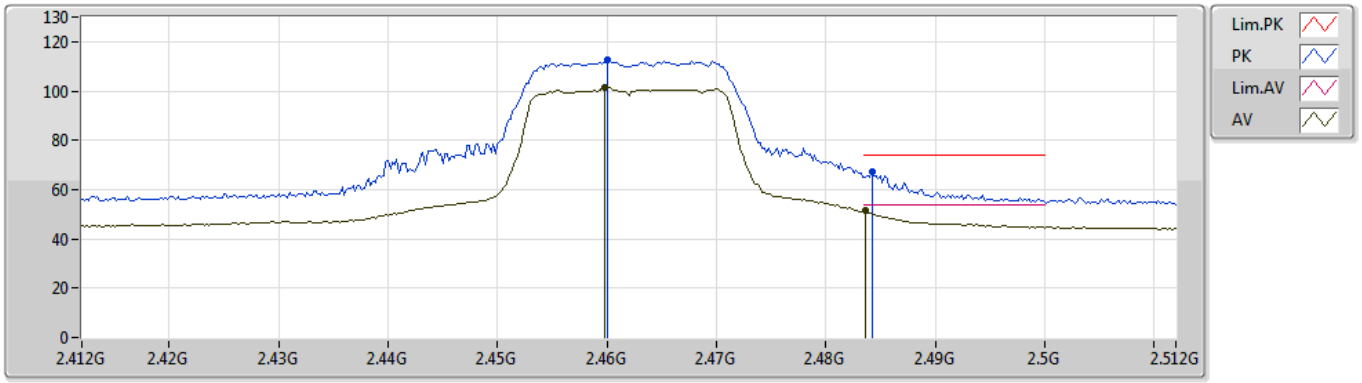
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4608G	114.31	Inf	-Inf	30.37	3	Vertical	144	2.48	-	83.94
AV	2.4642G	103.62	Inf	-Inf	30.39	3	Vertical	144	2.48	-	73.23
PK	2.484G	70.02	74.00	-3.98	30.48	3	Vertical	144	2.48	-	39.54
AV	2.483501G	53.59	54.00	-0.41	30.47	3	Vertical	144	2.48	-	23.12

VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

09/11/2019



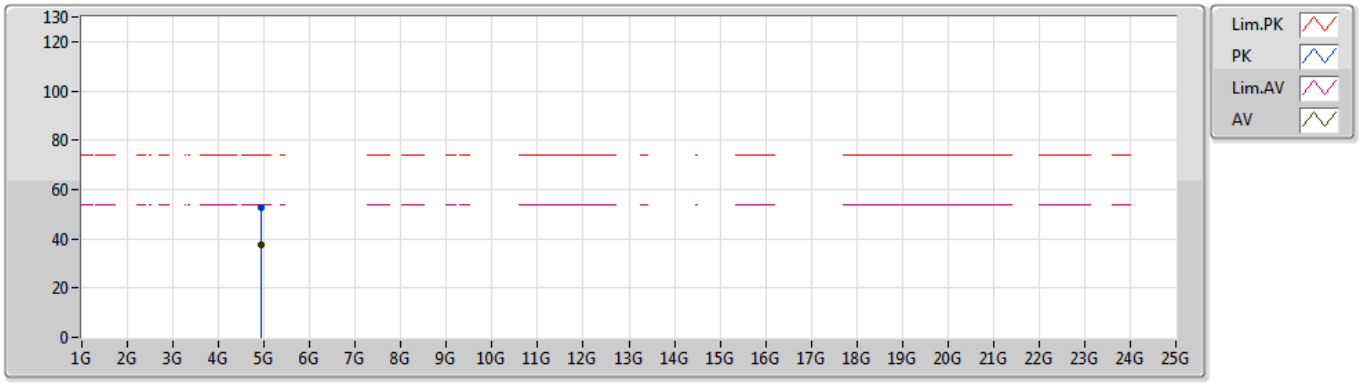
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.46G	112.47	Inf	-Inf	30.37	3	Horizontal	335	1.95	-	82.10
AV	2.4598G	101.69	Inf	-Inf	30.37	3	Horizontal	335	1.95	-	71.32
PK	2.4842G	67.24	74.00	-6.76	30.48	3	Horizontal	335	1.95	-	36.76
AV	2.4836G	51.28	54.00	-2.72	30.47	3	Horizontal	335	1.95	-	20.81

VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

09/11/2019



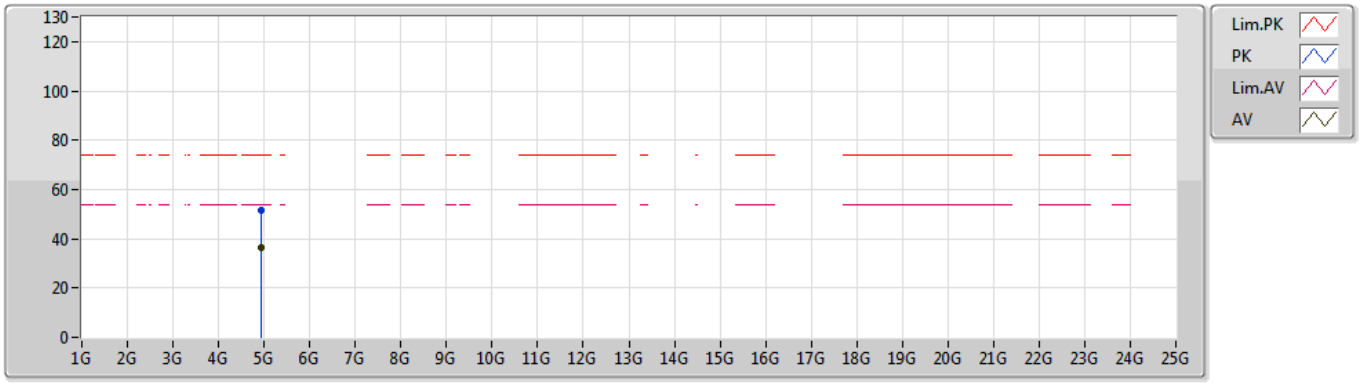
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.9252G	52.85	74.00	-21.15	3.92	3	Vertical	270	2.53	-	48.93
AV	4.92406G	37.39	54.00	-16.61	3.92	3	Vertical	270	2.53	-	33.47

VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

09/11/2019



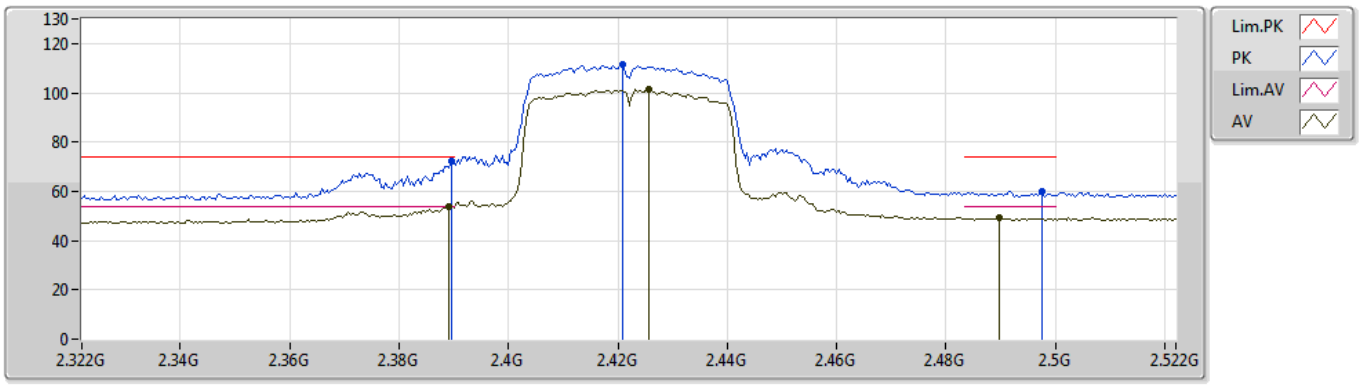
EUT Y_4TX
Setting 19
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.9249G	51.57	74.00	-22.43	3.92	3	Horizontal	67	2.79	-	47.65
AV	4.92556G	36.54	54.00	-17.46	3.92	3	Horizontal	67	2.79	-	32.62

VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

21/11/2019



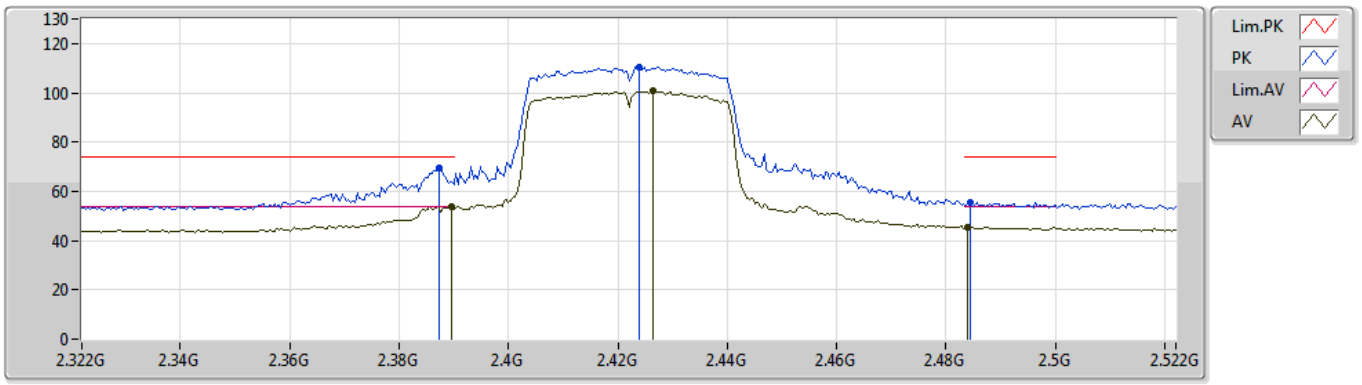
EUT Y_4TX
Setting 17.5
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3896G	72.33	74.00	-1.67	31.20	3	Vertical	328	1.48	-	41.13
AV	2.3892G	53.82	54.00	-0.18	31.20	3	Vertical	328	1.48	-	22.62
PK	2.4208G	111.40	Inf	-Inf	31.27	3	Vertical	328	1.48	-	80.13
AV	2.4256G	101.54	Inf	-Inf	31.28	3	Vertical	328	1.48	-	70.26
PK	2.4976G	60.01	74.00	-13.99	31.43	3	Vertical	328	1.48	-	28.58
AV	2.4896G	49.06	54.00	-4.94	31.41	3	Vertical	328	1.48	-	17.65

VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

21/11/2019



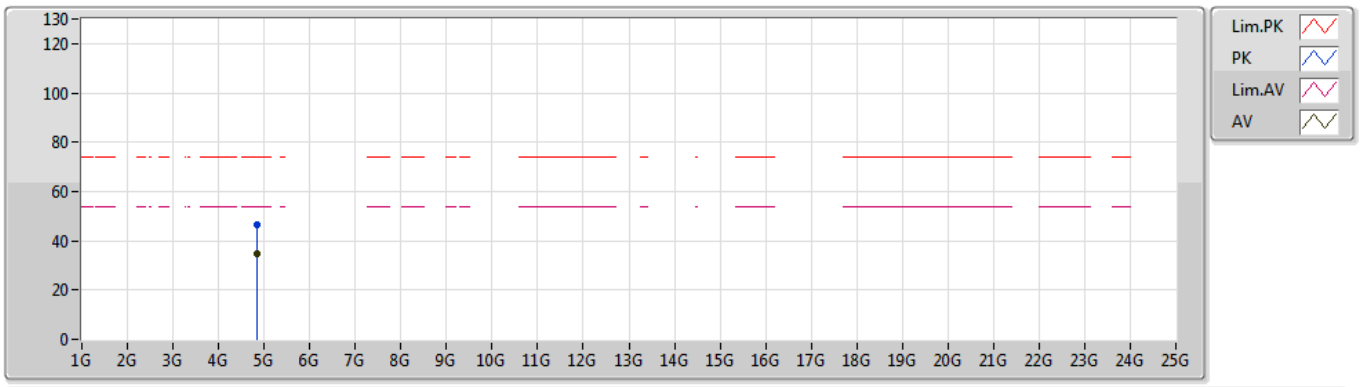
EUT Y_4TX
Setting 17.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3872G	69.22	74.00	-4.78	30.11	3	Horizontal	236	1.64	-	39.11
AV	2.3896G	53.75	54.00	-0.25	30.11	3	Horizontal	221	1.44	-	23.64
PK	2.424G	110.45	Inf	-Inf	30.21	3	Horizontal	236	1.64	-	80.24
AV	2.4264G	100.78	Inf	-Inf	30.22	3	Horizontal	236	1.64	-	70.56
PK	2.4844G	55.38	74.00	-18.62	30.48	3	Horizontal	236	1.64	-	24.90
AV	2.484G	45.56	54.00	-8.44	30.48	3	Horizontal	236	1.64	-	15.08

VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

21/11/2019



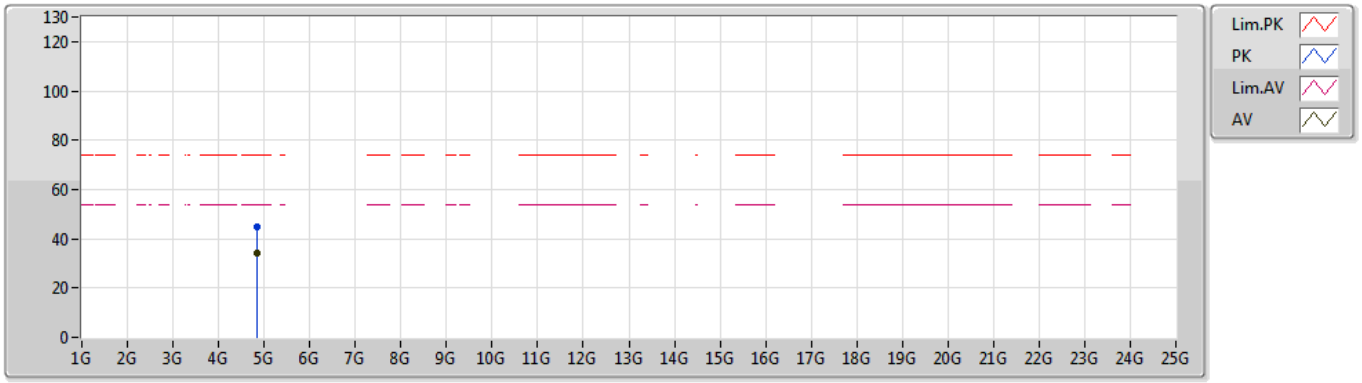
EUT Y_4TX
Setting 17.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.83962G	46.46	74.00	-27.54	3.56	3	Vertical	205	1.23	-	42.90
AV	4.8393G	34.68	54.00	-19.32	3.56	3	Vertical	205	1.23	-	31.12

VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

21/11/2019



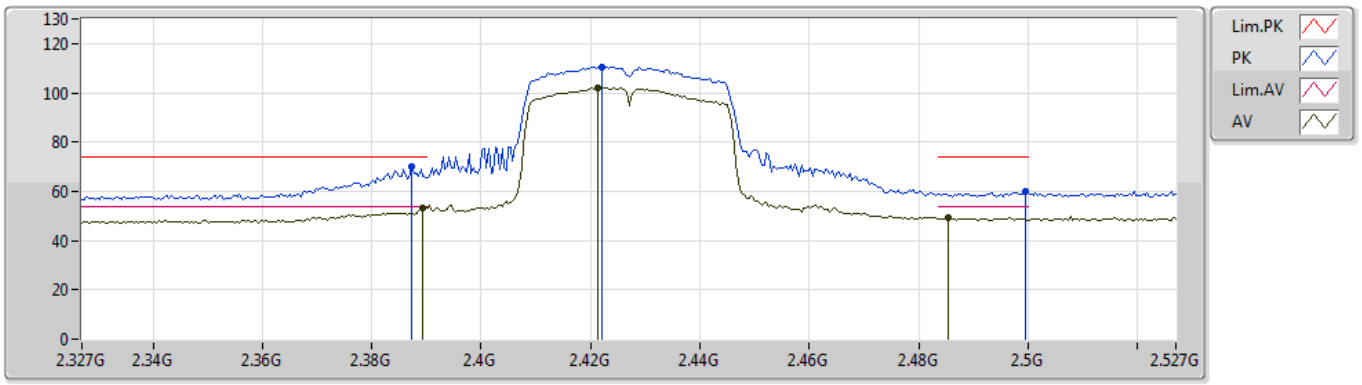
EUT Y_4TX
Setting 17.5
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.84112G	44.68	74.00	-29.32	3.56	3	Horizontal	169	1.67	-	41.12
AV	4.8411G	34.00	54.00	-20.00	3.56	3	Horizontal	169	1.67	-	30.44

VHT40_Nss1,(MCS0)_4TX

2427MHz_TX

20/11/2019



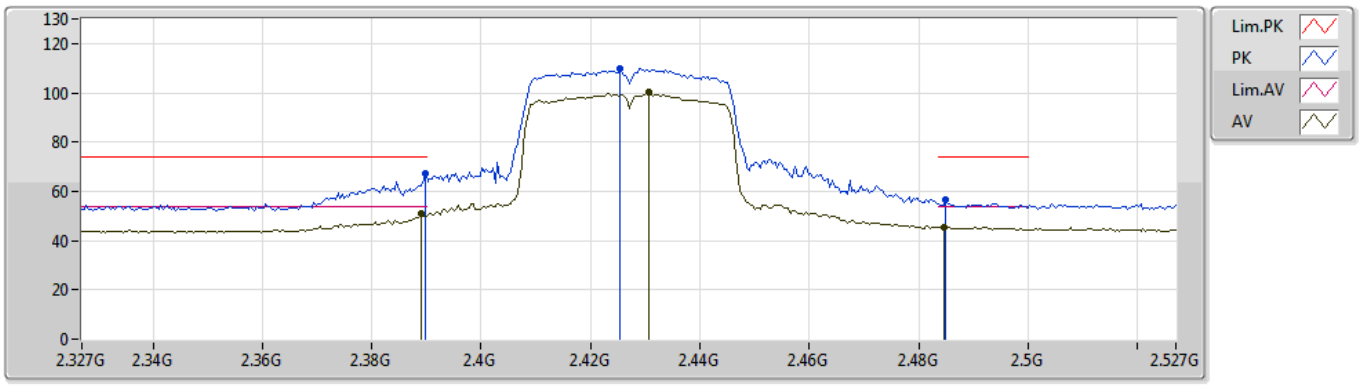
EUT Y_4TX
Setting 17.5
02-J-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3874G	70.11	74.00	-3.89	31.20	3	Vertical	49	1.48	-	38.91
AV	2.3894G	53.48	54.00	-0.52	31.20	3	Vertical	49	1.48	-	22.28
PK	2.4222G	110.58	Inf	-Inf	31.28	3	Vertical	49	1.48	-	79.30
AV	2.4214G	102.22	Inf	-Inf	31.27	3	Vertical	49	1.48	-	70.95
PK	2.4994G	60.01	74.00	-13.99	31.43	3	Vertical	49	1.48	-	28.58
AV	2.4854G	49.29	54.00	-4.71	31.40	3	Vertical	49	1.48	-	17.89

VHT40_Nss1,(MCS0)_4TX

2427MHz_TX

21/11/2019



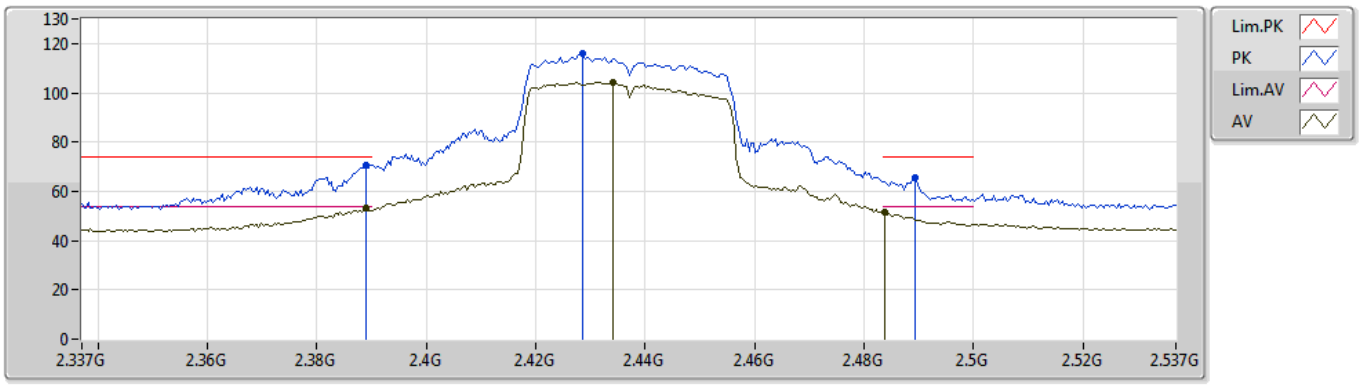
EUT Y_4TX
Setting 17.5
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	67.50	74.00	-6.50	30.11	3	Horizontal	221	1.44	-	37.39
AV	2.389G	50.76	54.00	-3.24	30.11	3	Horizontal	221	1.44	-	20.65
PK	2.4254G	109.95	Inf	-Inf	30.21	3	Horizontal	221	1.44	-	79.74
AV	2.4306G	100.38	Inf	-Inf	30.24	3	Horizontal	221	1.44	-	70.14
PK	2.485G	56.56	74.00	-17.44	30.48	3	Horizontal	221	1.44	-	26.08
AV	2.4846G	45.64	54.00	-8.36	30.48	3	Horizontal	221	1.44	-	15.16

VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

09/11/2019



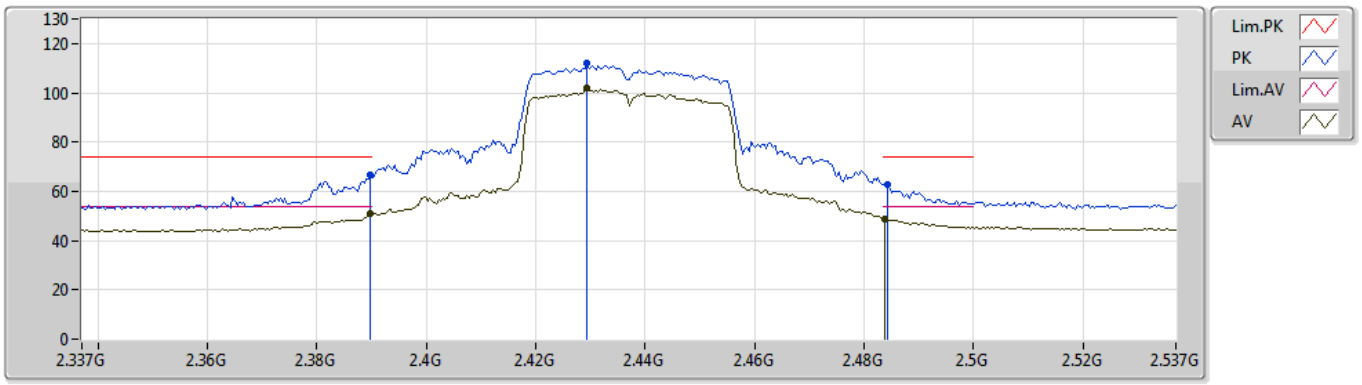
EUT Y_4TX
Setting 20
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.389G	70.49	74.00	-3.51	30.11	3	Vertical	27	1.00	-	40.38
AV	2.389G	53.13	54.00	-0.87	30.11	3	Vertical	27	1.00	-	23.02
PK	2.4286G	115.96	Inf	-Inf	30.22	3	Vertical	27	1.00	-	85.74
AV	2.4342G	104.46	Inf	-Inf	30.26	3	Vertical	27	1.00	-	74.20
PK	2.4894G	65.31	74.00	-8.69	30.50	3	Vertical	27	1.00	-	34.81
AV	2.4838G	51.42	54.00	-2.58	30.48	3	Vertical	27	1.00	-	20.94

VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

09/11/2019



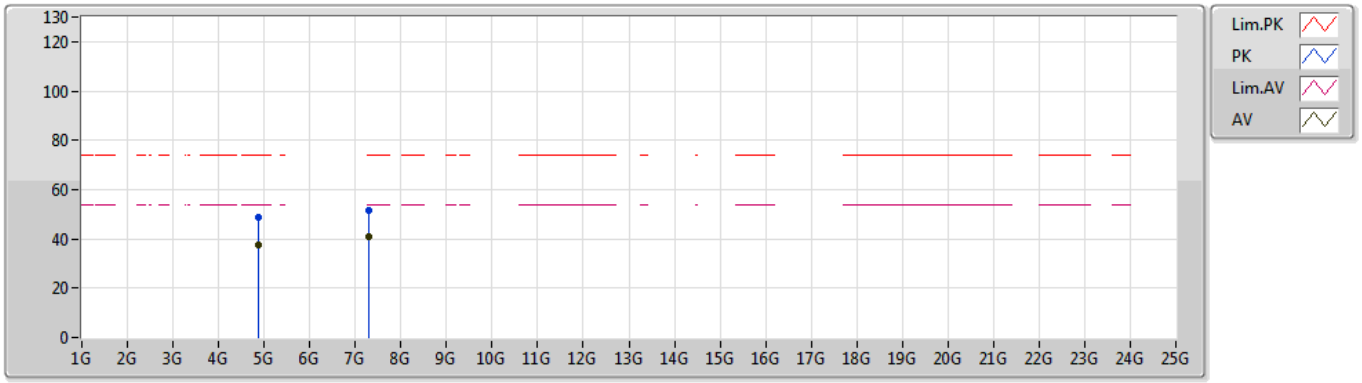
EUT Y_4TX
Setting 20
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	66.41	74.00	-7.59	30.11	3	Horizontal	221	1.01	-	36.30
AV	2.3898G	50.72	54.00	-3.28	30.11	3	Horizontal	221	1.01	-	20.61
PK	2.4294G	111.87	Inf	-Inf	30.23	3	Horizontal	221	1.01	-	81.64
AV	2.4294G	101.71	Inf	-Inf	30.23	3	Horizontal	221	1.01	-	71.48
PK	2.4842G	63.01	74.00	-10.99	30.48	3	Horizontal	221	1.01	-	32.53
AV	2.4838G	48.89	54.00	-5.11	30.48	3	Horizontal	221	1.01	-	18.41

VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

09/11/2019



EUT Y_4TX
Setting 20
04-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.87272G	48.89	74.00	-25.11	3.72	3	Vertical	274	2.49	-	45.17
AV	4.8728G	37.58	54.00	-16.42	3.72	3	Vertical	274	2.49	-	33.86
PK	7.30648G	51.52	74.00	-22.48	9.59	3	Vertical	266	2.43	-	41.93
AV	7.30698G	40.76	54.00	-13.24	9.59	3	Vertical	266	2.43	-	31.17