Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	MSQ-RTAX8D00
Equipment	:	TUF Gaming AX5400 Dual Band Wi-Fi 6 Router
Brand Name	:	ASUS
Model Name	:	TUF-AX5400
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan
Manufacturer (1)	:	SHENZHEN GONGJIN ELECTRONICS CO.,LTD No.2 Danzi North Road, Kengzi Street, Pingshan District, Shenzhen, Guangdong, 518118, P.R. China
Manufacturer (2)	:	GONGJIN ELECTRONICS(VIETNAM) COMPANY LIMITED Factory No.31&32, An Duong Industrial Zone, Hong Phong Commune, An Duong District, Hai Phong Vietnam
Standard	:	47 CFR FCC Part 15.247

The product was received on Mar. 18, 2021, and testing was started from Jun. 25, 0021 and completed on Jul. 05, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR122414AA	01	Initial issue of report	Jul. 27, 2021

Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Sam Chen
Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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, 1024QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand Holder	P/N	Antenna Type	Connector	Gain (dBi)				
						WLAN 2.4GHz	WLAN 5GHz Band 1	WLAN 5GHz Band 2	WLAN 5GHz Band 3	WLAN 5GHz Band 4
1	1	Dongguan RF Electronic Technology Co., Ltd	RF21C06549A	Dipole	I-PEX	4.68	-	-	-	-
2	2	Dongguan RF Electronic Technology Co., Ltd	RF21C06550A	Dipole	I-PEX	5.28	-	-	-	-
3	1	Dongguan RF Electronic Technology Co., Ltd	RF21C06543A	Dipole	I-PEX	-	1.76	1.84	2	1.97
4	2	Dongguan RF Electronic Technology Co., Ltd	RF21C06539A	Dipole	I-PEX	-	2.14	2.14	2.22	2.38
5	3	Dongguan RF Electronic Technology Co., Ltd	RF21C06539A	Dipole	I-PEX	-	2.14	2.14	2.22	2.38
6	4	Dongguan RF Electronic Technology Co., Ltd	RF21C06540A	Dipole	I-PEX	-	1.77	1.77	1.67	2.16

Note: The above information was declared by manufacturer.

For 2.4GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

IEEE 802.11a/n/ac/ax (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.

1.1.3 Mode Test Duty Cycle

For 2T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.89	0.51	3.32m	1k
802.11ax HEW40-BF	0.966	0.15	6.16m	300

For 2T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11n HT20	0.97	0.13	19.84m	100
802.11n HT40	0.968	0.14	9.08m	300
802.11ax HEW20	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.962	0.17	12.36m	100

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 11n/VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Mtool ver3.1.0.3			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Flash source

EUT	Flash source
EUT 1	Main source
EUT 2	Second source

Note 1: From the above EUTs, EUT: EUT 2 was selected as representative EUT for all the tests and its data was recorded in this report; EUT 1 was selected as representative EUT for Emissions in Restricted Frequency Bands below 1GHz test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT supports functions

Function	Support Type
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note 1: After evaluating, there are only AP Router was selected to test and record in the report.

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Gino Huang	23.8-25.5 / 63-67	Jul. 03, 2021~Jul. 05, 2021
Radiated below 1GHz	03CH05-CB	Brian Sun	25.4-27 / 65-69	Jun. 28, 2021~Jul. 05, 2021
Radiated above 1GHz	03CH01-CB	Brian Sun	25.9-27 / 64-67	Jun. 28, 2021~Jul. 05, 2021
	03CH02-CB	Brian Sun	25.7-27.8 / 63-67	Jun. 28, 2021~Jul. 05, 2021
	03CH06-CB	Brian Sun	25.9-26.8 / 63-67	Jun. 28, 2021~Jul. 05, 2021
AC Conduction	CO02-CB	Wei Li	22-24 / 58-62	Jun. 25, 2021

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

For 2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	108
2437MHz	108
2462MHz	108
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	86
2417MHz	89
2437MHz	108
2457MHz	90
2462MHz	81
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	79
2417MHz	88
2437MHz	99
2457MHz	91
2462MHz	82
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	91
2437MHz	88
2447MHz	83
2452MHz	69

For 2T2S

Mode	Power Setting
802.11n HT20_Nss2,(MCS0)_2TX	-
2412MHz	91
2417MHz	97
2437MHz	109
2457MHz	90
2462MHz	81
802.11n HT40_Nss2,(MCS0)_2TX	-
2422MHz	84
2437MHz	85
2452MHz	74
802.11ax HEW20_Nss2,(MCS0)_2TX	-
2412MHz	86
2417MHz	95
2437MHz	108
2457MHz	91
2462MHz	77
802.11ax HEW40_Nss2,(MCS0)_2TX	-
2422MHz	82
2437MHz	84
2452MHz	74

Note:
- Evaluated HEW20/HEW40 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40 for 2T1S mode are the same or lower than HEW20/HEW40.
- There are two modes of EUT, one is beamforming mode, and the other is Non-beamforming mode for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. For 2T1S, only beamforming mode has been tested.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1 + Adapter

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
Test Mode	EUT 2

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
1	EUT 2 in Z axis_2.4GHz + Adapter
2	EUT 2 in Z axis_5GHz + Adapter
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT 1 in Z axis_2.4GHz + Adapter
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT 2 in Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 2_WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA122414 for Co-location RF Exposure Evaluation.	

Note: The EUT can only use Z axis position.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated 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 LanTest.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	Frecom	F30L10-120250SPAU	INPUT: 100-240V ~ 50/60Hz, 1.25A OUTPUT: 12.0V, 2.5A, 30.0W
Other			
RJ-45 cable*1: Non-shielded, 1.5m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN1 NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	WAN NB	DELL	E6430	N/A
E	LAN4 NB	DELL	E6430	N/A
F	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For Radiated (above 1GHz):
For non beamforming mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For beamforming mode

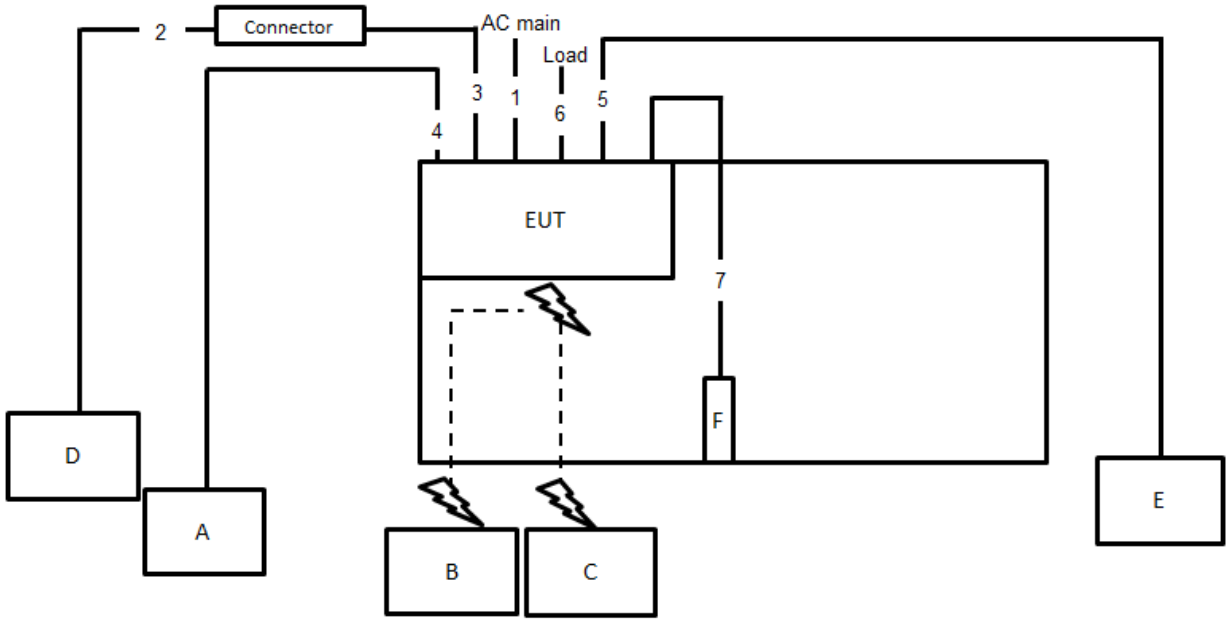
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
C	Notebook	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

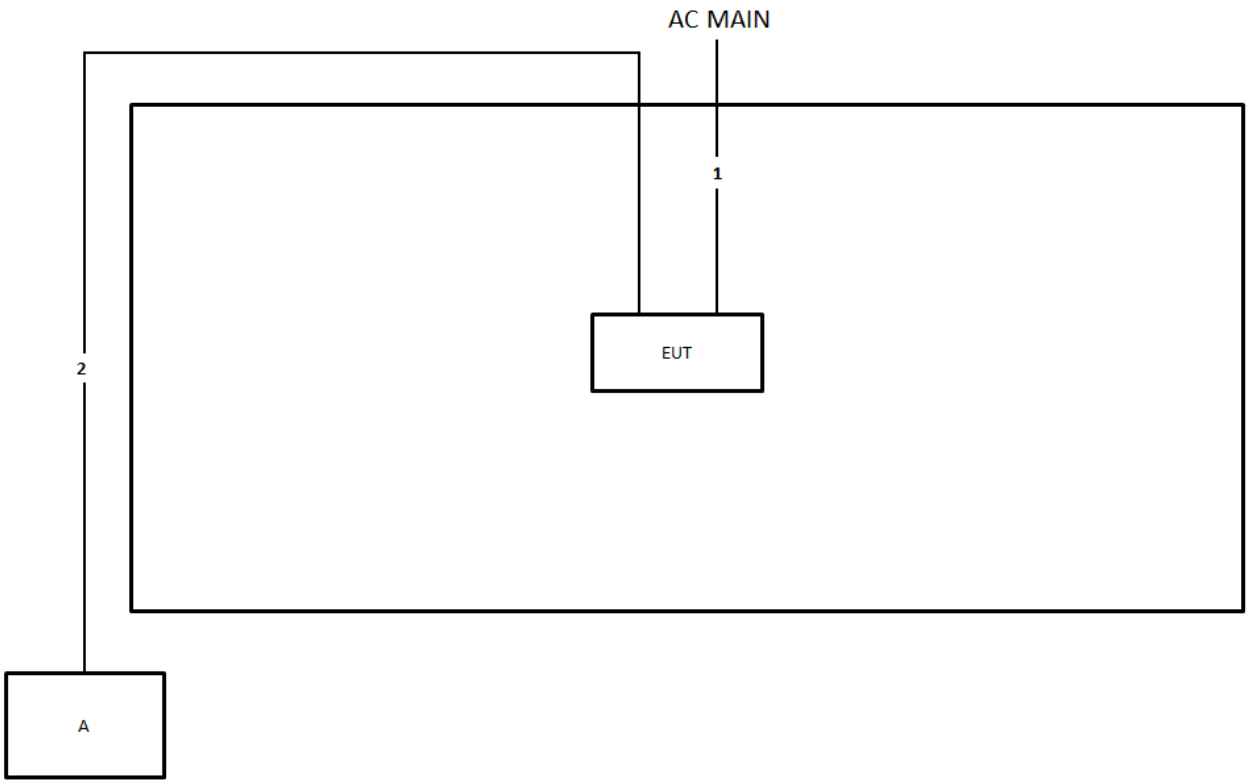
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



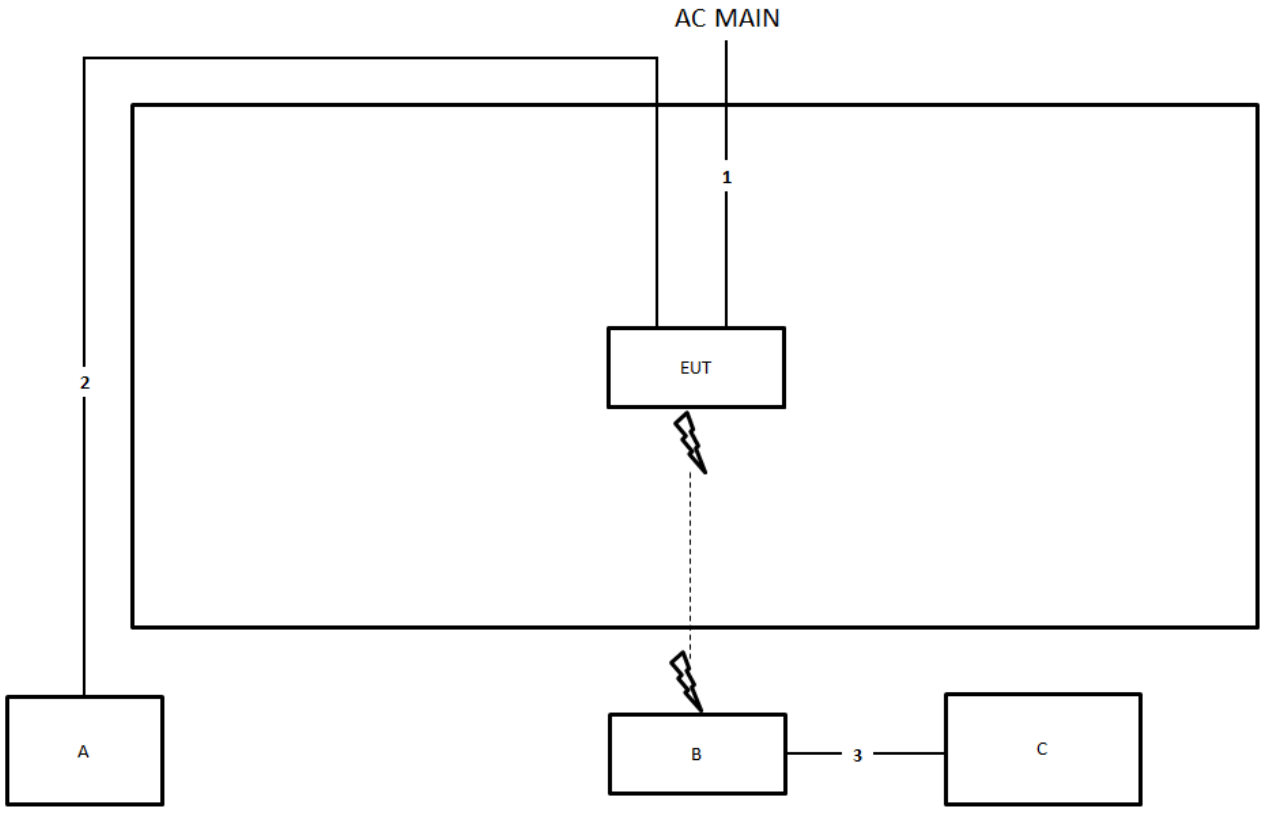
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	RJ-45 cable*2	No	1.5m
7	USB cable	Yes	1.5m

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



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

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



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

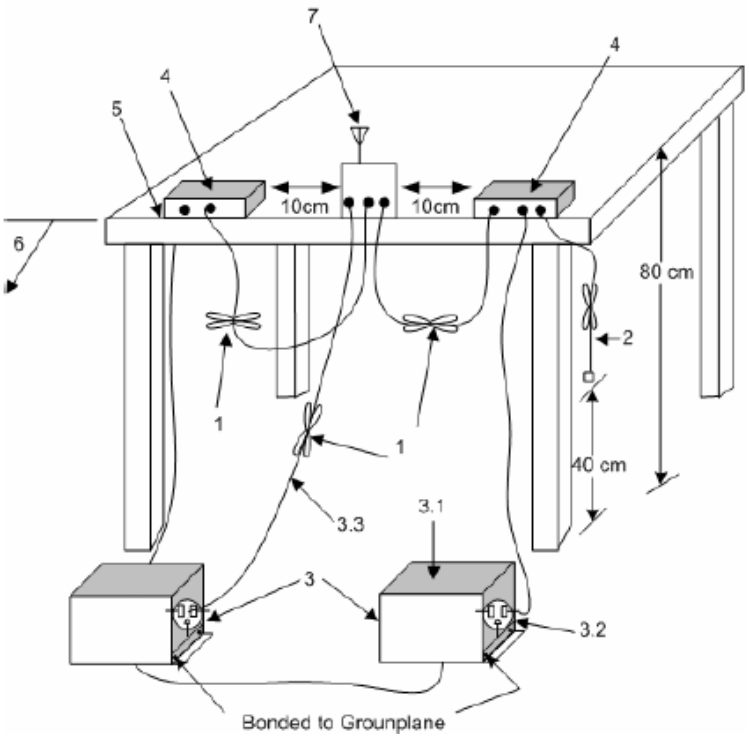
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

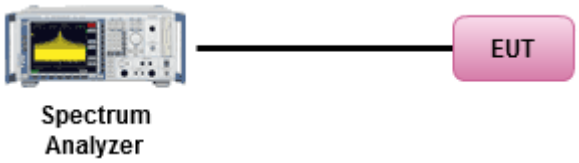
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

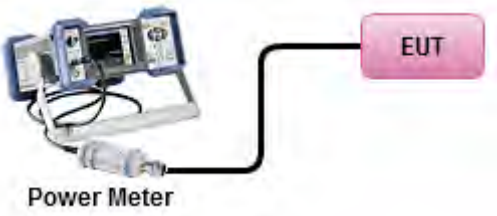
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

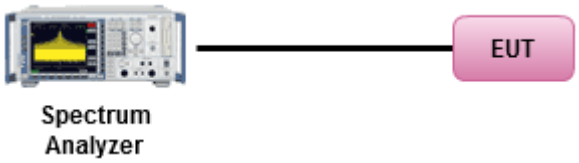
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dBc)**
Peak output power procedure	20
Average output power procedure	30

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

3.5.2 Measuring Instruments

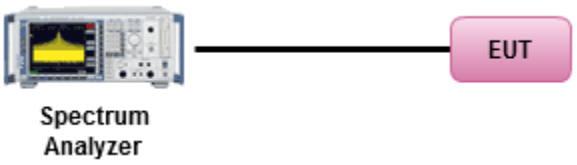
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

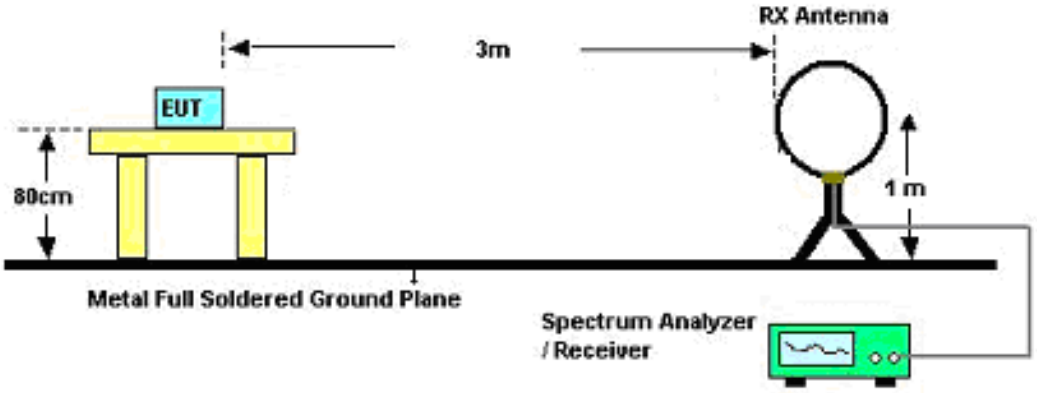
3.6.3 Test Procedures

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

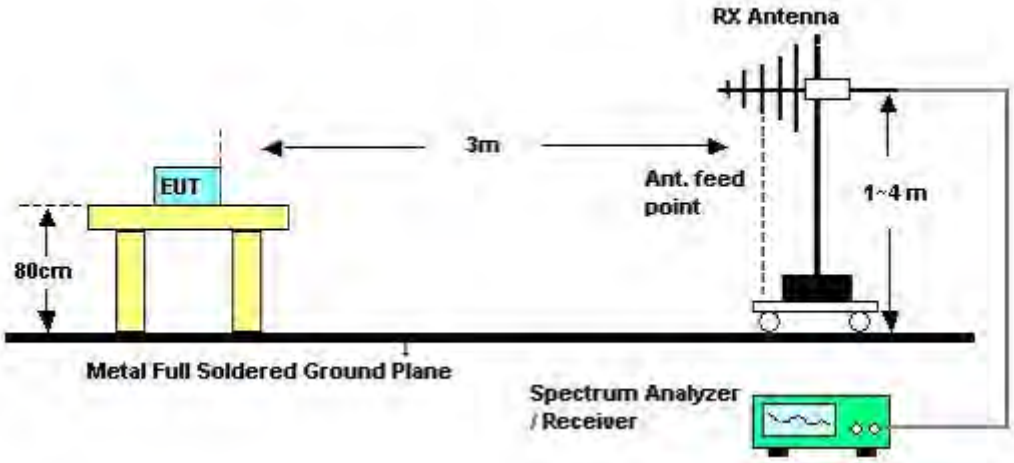
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

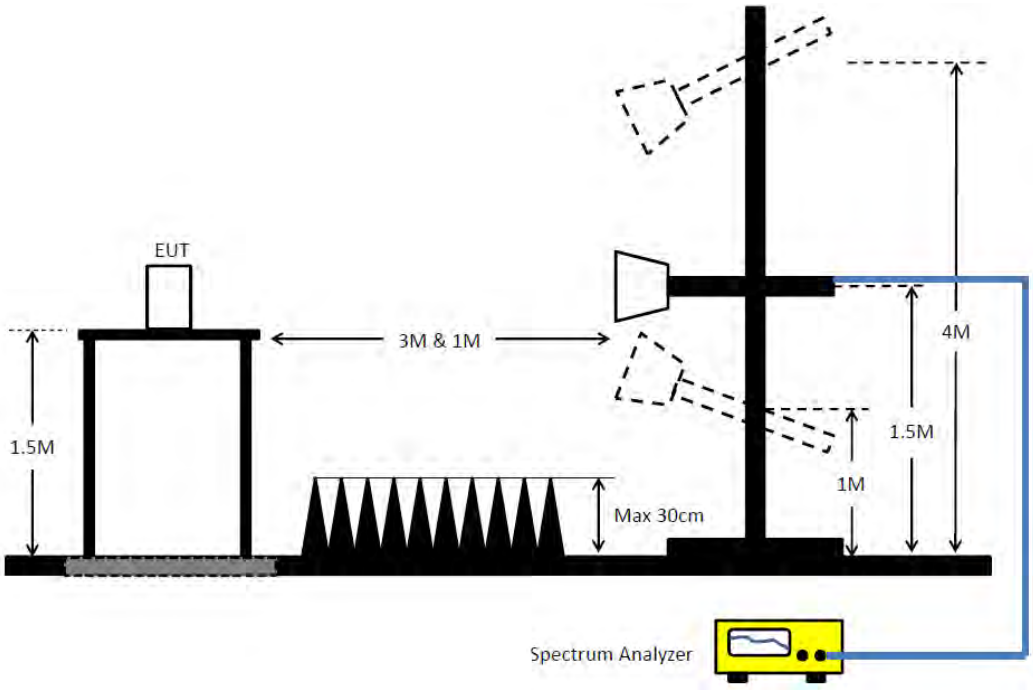
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Dec. 04, 2020	Dec. 03, 2021	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 20, 2020	Nov. 19, 2021	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 05, 2021	May 04, 2022	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 20, 2020	Oct. 19, 2021	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2021	Mar. 17, 2022	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 01, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	Radiation (03CH06-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 27, 2020	Jul. 26, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

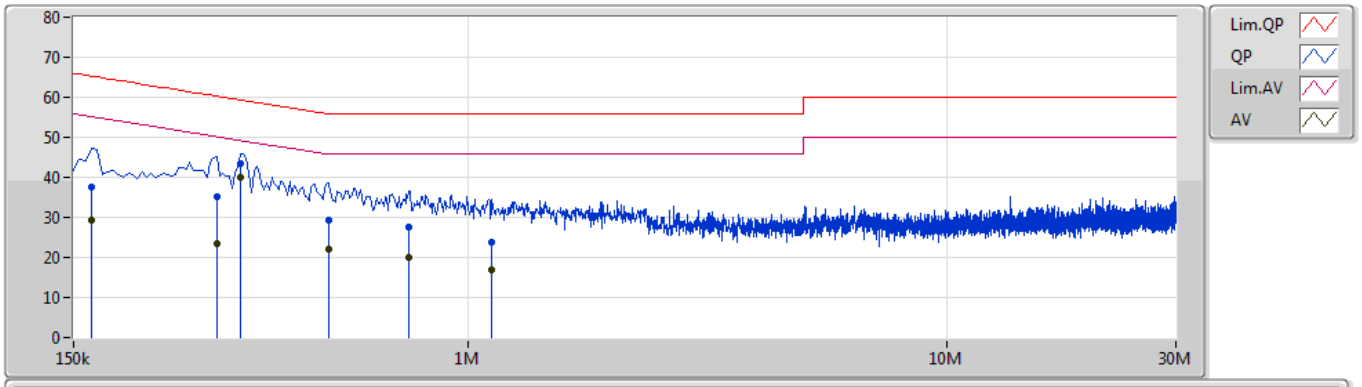
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	334.5k	40.11	49.35	-9.24	Line

Mode 1

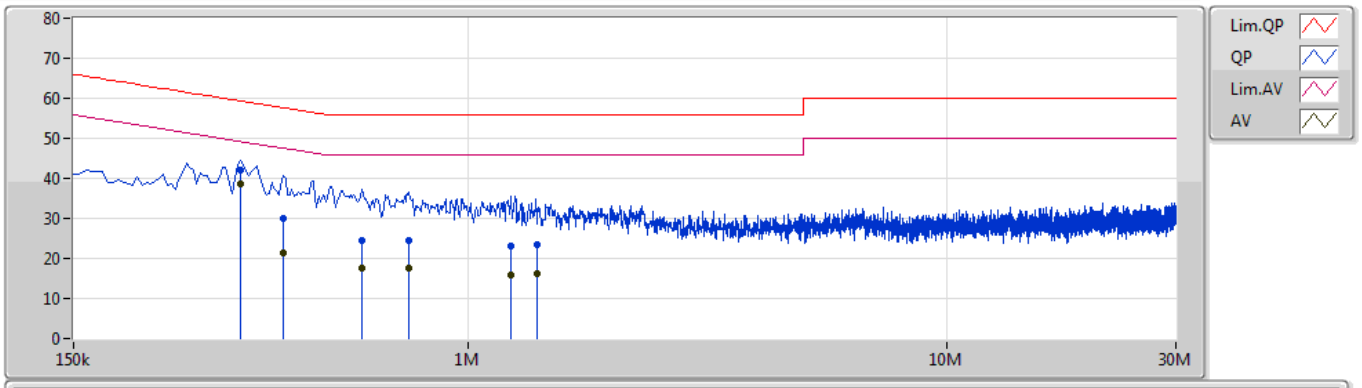
25/06/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	37.71	65.27	-27.56	10.29	Line	-	27.42	0.07	0.07	10.15
AV	163.5k	29.15	55.27	-26.12	10.29	Line	-	18.86	0.07	0.07	10.15
QP	298.5k	35.32	60.28	-24.96	10.27	Line	-	25.05	0.08	0.06	10.13
AV	298.5k	23.43	50.28	-26.85	10.27	Line	-	13.16	0.08	0.06	10.13
QP	334.5k	43.33	59.35	-16.02	10.26	Line	-	33.07	0.08	0.06	10.12
AV	334.5k	40.11	49.35	-9.24	10.26	Line	"Worst"	29.85	0.08	0.06	10.12
QP	510k	29.40	56.00	-26.60	10.26	Line	-	19.14	0.08	0.07	10.11
AV	510k	22.16	46.00	-23.84	10.26	Line	-	11.90	0.08	0.07	10.11
QP	753k	27.70	56.00	-28.30	10.26	Line	-	17.44	0.09	0.07	10.10
AV	753k	19.98	46.00	-26.02	10.26	Line	-	9.72	0.09	0.07	10.10
QP	1.122M	23.93	56.00	-32.07	10.27	Line	-	13.66	0.09	0.08	10.10
AV	1.122M	16.79	46.00	-29.21	10.27	Line	-	6.52	0.09	0.08	10.10

Mode 1

25/06/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	334.5k	42.10	59.35	-17.25	10.24	Neutral	-	31.86	0.06	0.06	10.12
AV	334.5k	38.78	49.35	-10.57	10.24	Neutral	"Worst"	28.54	0.06	0.06	10.12
QP	411k	29.91	57.63	-27.72	10.23	Neutral	-	19.68	0.06	0.06	10.11
AV	411k	21.45	47.63	-26.18	10.23	Neutral	-	11.22	0.06	0.06	10.11
QP	600k	24.49	56.00	-31.51	10.25	Neutral	-	14.24	0.07	0.07	10.11
AV	600k	17.61	46.00	-28.39	10.25	Neutral	-	7.36	0.07	0.07	10.11
QP	753k	24.46	56.00	-31.54	10.24	Neutral	-	14.22	0.07	0.07	10.10
AV	753k	17.59	46.00	-28.41	10.24	Neutral	-	7.35	0.07	0.07	10.10
QP	1.226M	22.95	56.00	-33.05	10.28	Neutral	-	12.67	0.08	0.09	10.11
AV	1.226M	15.91	46.00	-30.09	10.28	Neutral	-	5.63	0.08	0.09	10.11
QP	1.388M	23.49	56.00	-32.51	10.28	Neutral	-	13.21	0.08	0.09	10.11
AV	1.388M	16.26	46.00	-29.74	10.28	Neutral	-	5.98	0.08	0.09	10.11

For 2T1S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.525M	10.37M	10M4G1D	6.55M	10.295M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.917M	16M9D1D	16.35M	16.692M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.025M	19.065M	19M1D1D	18.925M	19.015M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.55M	37.781M	37M8D1D	37.3M	37.681M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7M	10.32M	6.975M	10.295M
2437MHz	Pass	500k	7.525M	10.345M	6.55M	10.32M
2462MHz	Pass	500k	7.05M	10.37M	7.025M	10.32M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.717M	16.35M	16.717M
2437MHz	Pass	500k	16.35M	16.892M	16.35M	16.917M
2462MHz	Pass	500k	16.35M	16.692M	16.35M	16.742M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.025M	19.015M	19.025M	19.065M
2437MHz	Pass	500k	18.975M	19.04M	18.925M	19.04M
2462MHz	Pass	500k	18.95M	19.04M	18.95M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.5M	37.781M	37.45M	37.781M
2437MHz	Pass	500k	37.3M	37.681M	37.55M	37.731M
2452MHz	Pass	500k	37.4M	37.781M	37.35M	37.781M

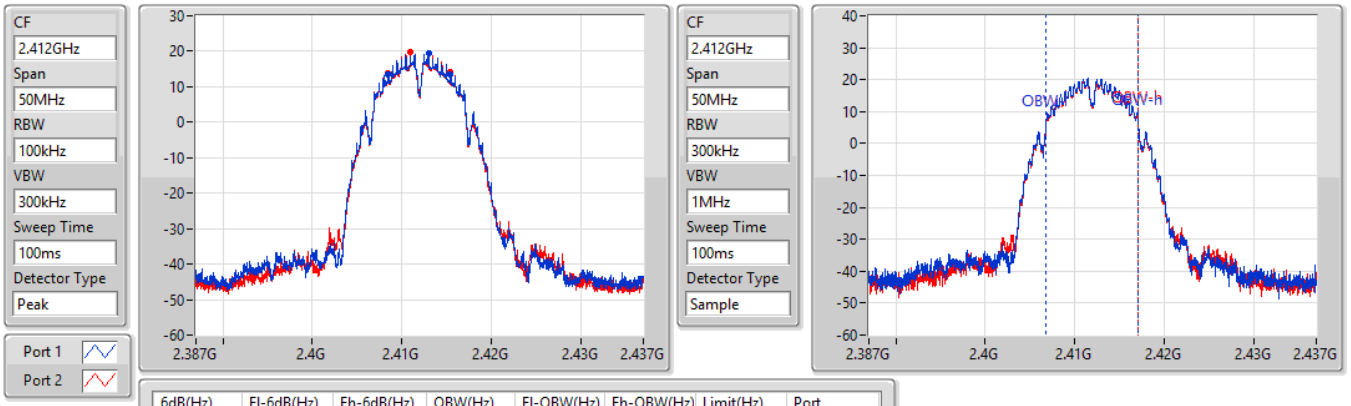
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

03/07/2021



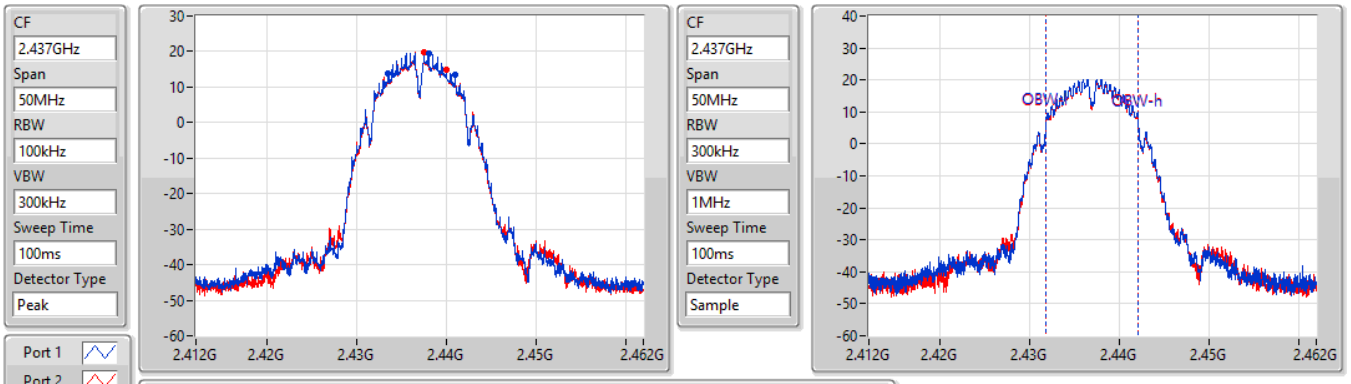
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7M	2.40845G	2.41545G	10.32M	2.406803G	2.417122G	500k	1
6.975M	2.4085G	2.415475G	10.295M	2.406803G	2.417097G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

03/07/2021



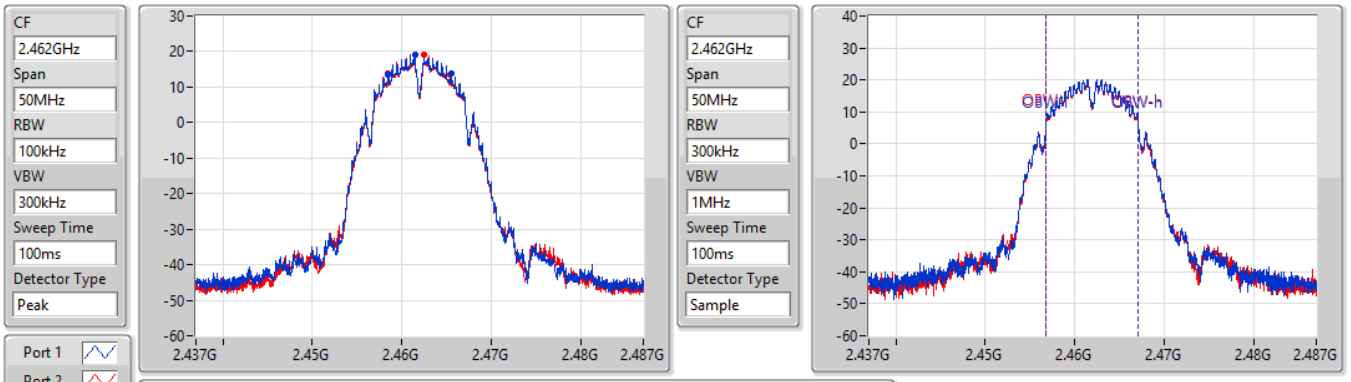
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.43345G	2.440975G	10.345M	2.431803G	2.442147G	500k	1
6.55M	2.43345G	2.44G	10.32M	2.431803G	2.442122G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

03/07/2021



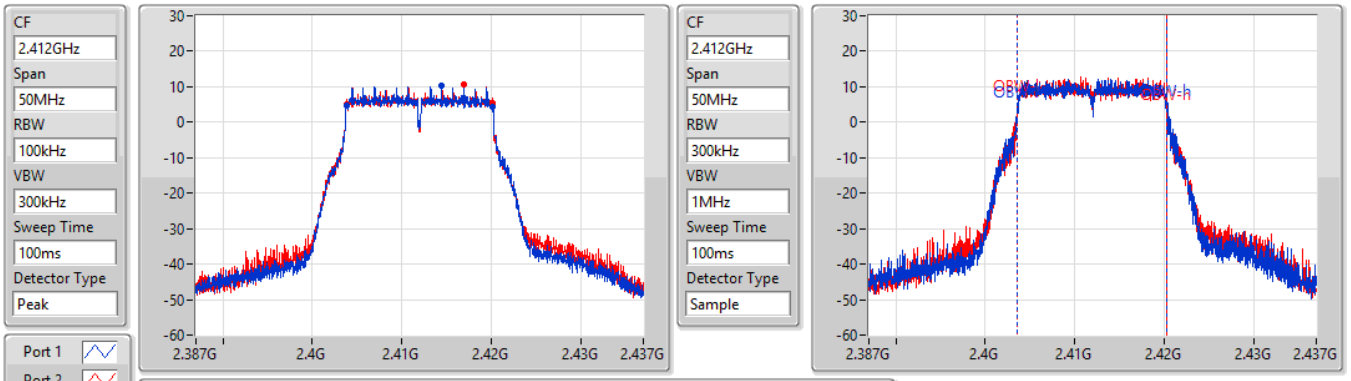
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.45845G	2.4655G	10.37M	2.456778G	2.467147G	500k	1
7.025M	2.45845G	2.465475G	10.32M	2.456803G	2.467122G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

03/07/2021



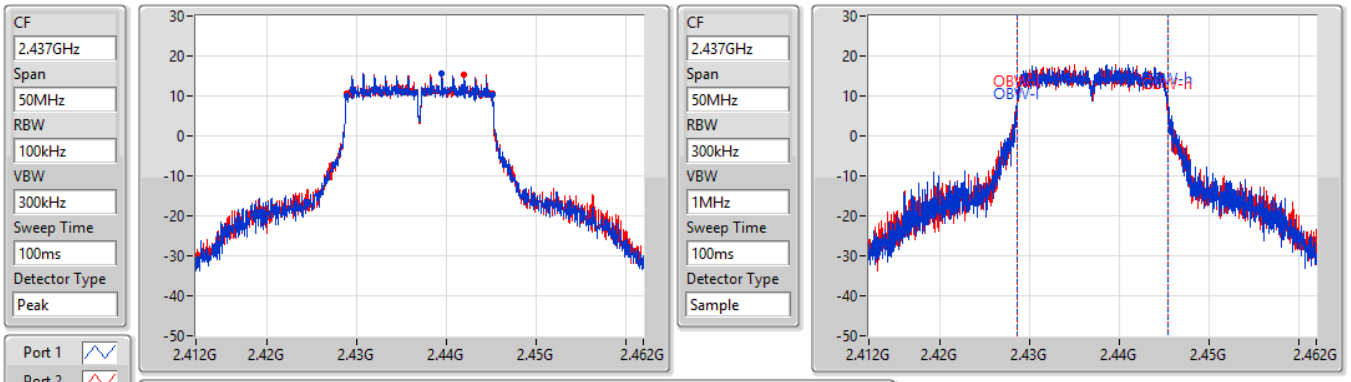
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4038G	2.42015G	16.717M	2.403629G	2.420346G	500k	1
16.35M	2.4038G	2.42015G	16.717M	2.403604G	2.420321G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

03/07/2021



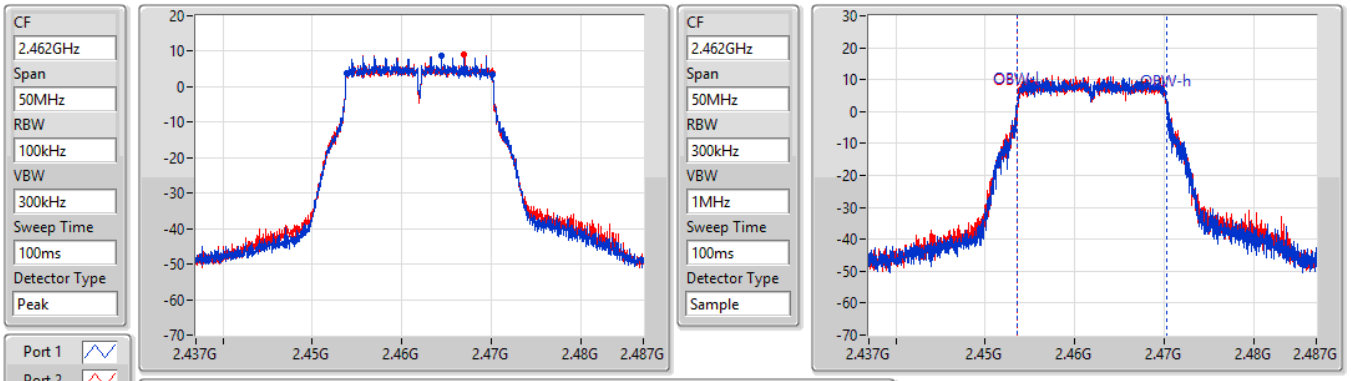
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4288G	2.44515G	16.892M	2.428554G	2.445446G	500k	1
16.35M	2.4288G	2.44515G	16.917M	2.428504G	2.445421G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

03/07/2021



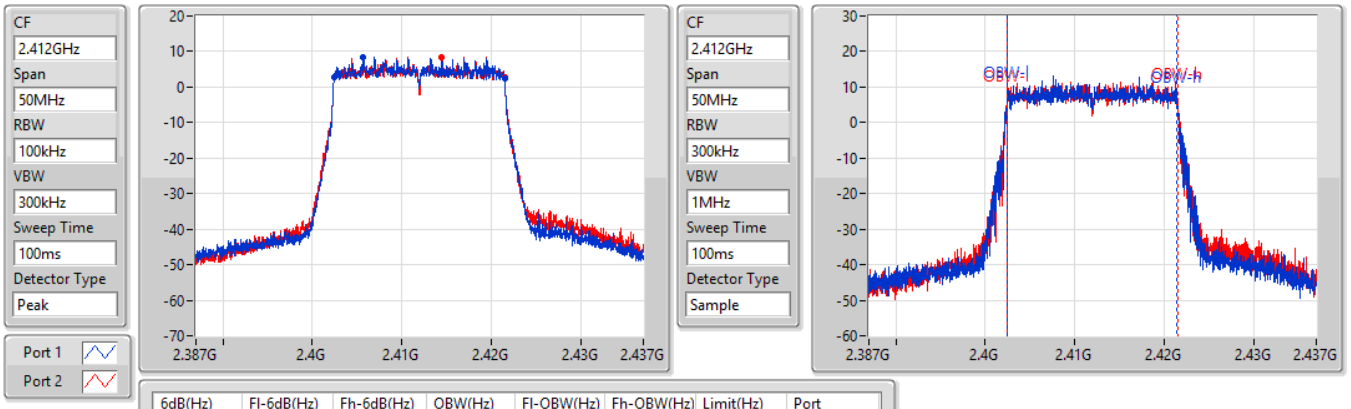
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4538G	2.47015G	16.692M	2.453604G	2.470296G	500k	1
16.35M	2.4538G	2.47015G	16.742M	2.453604G	2.470346G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

2412MHz

03/07/2021



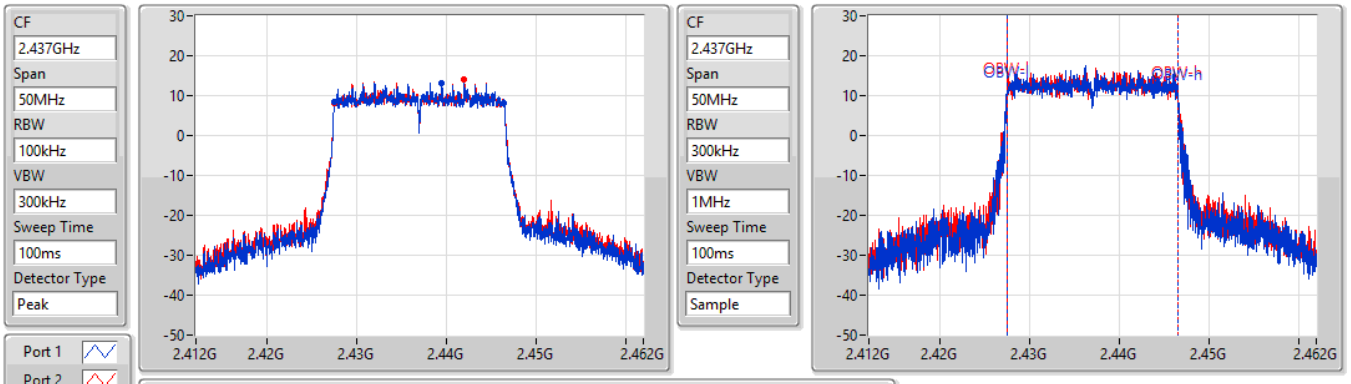
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	2.40245G	2.421475G	19.015M	2.402455G	2.42147G	500k	1
19.025M	2.40245G	2.421475G	19.065M	2.402455G	2.42152G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

03/07/2021



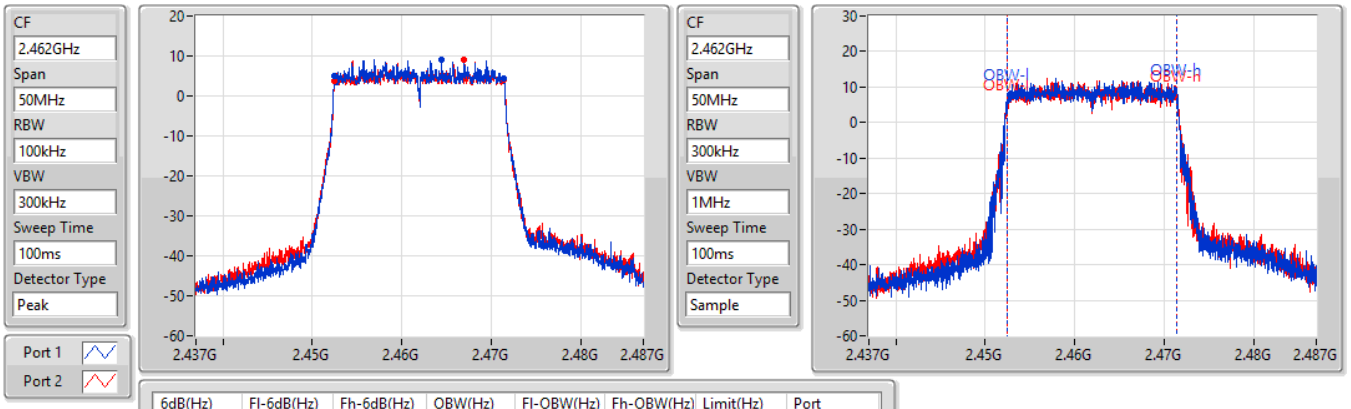
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.427475G	2.44645G	19.04M	2.427455G	2.446495G	500k	1
18.925M	2.4275G	2.446425G	19.04M	2.427455G	2.446495G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

2462MHz

03/07/2021



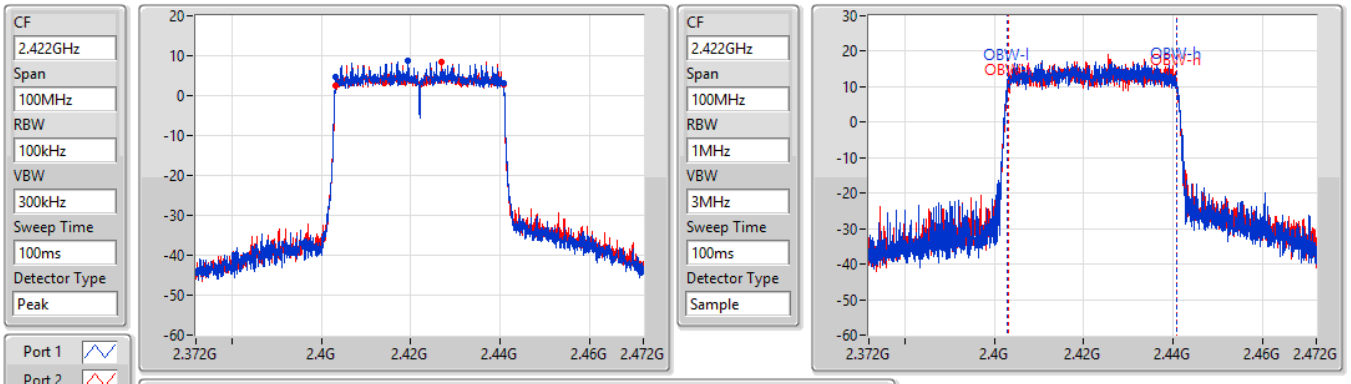
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4525G	2.47145G	19.04M	2.45243G	2.47147G	500k	1
18.95M	2.4525G	2.47145G	19.04M	2.45243G	2.47147G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2422MHz

03/07/2021

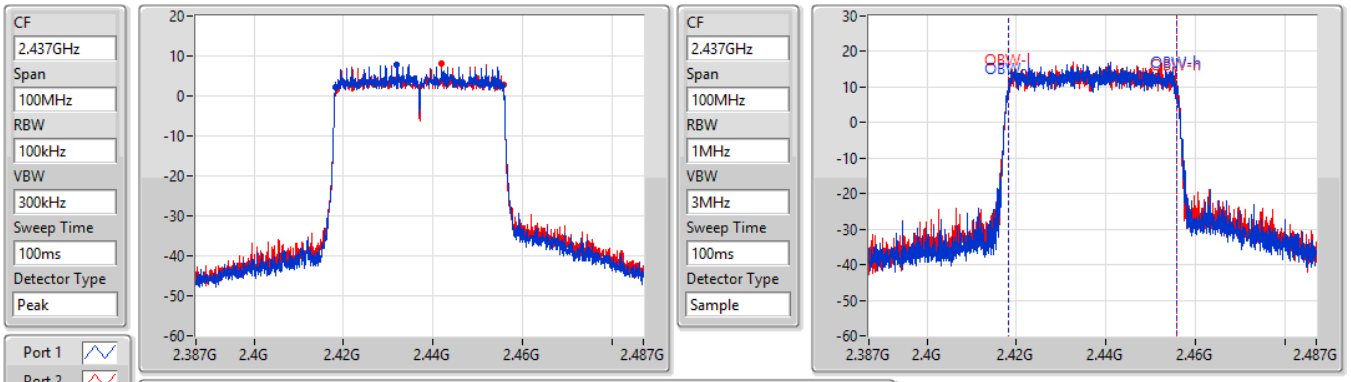


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.4032G	2.4407G	37.781M	2.403009G	2.440791G	500k	1
37.45M	2.40325G	2.4407G	37.781M	2.403059G	2.440841G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

03/07/2021

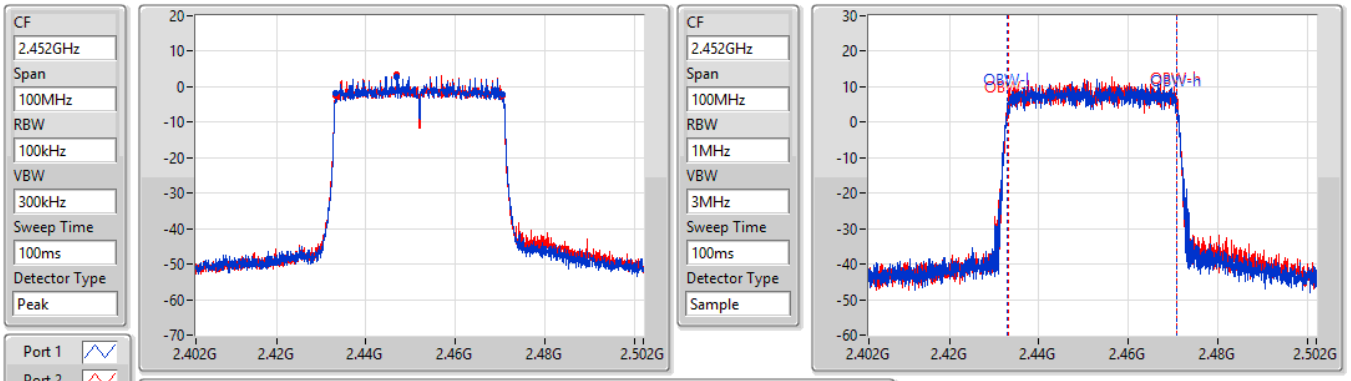


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.41815G	2.45545G	37.681M	2.418109G	2.455791G	500k	1
37.55M	2.4182G	2.45575G	37.731M	2.418109G	2.455841G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

03/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	2.4332G	2.4706G	37.781M	2.433009G	2.470791G	500k	1
37.35M	2.4332G	2.47055G	37.781M	2.433109G	2.470891G	500k	2

For 2T2S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11n HT20_Nss2,(MCS0)_2TX	17.6M	18.016M	18M0D1D	17.575M	17.841M
802.11n HT40_Nss2,(MCS0)_2TX	36.35M	36.532M	36M5D1D	36.3M	36.432M
802.11ax HEW20_Nss2,(MCS0)_2TX	19M	19.115M	19M1D1D	18.925M	19.015M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.65M	37.781M	37M8D1D	37.25M	37.681M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.6M	17.966M	17.6M	17.841M
2437MHz	Pass	500k	17.575M	18.016M	17.575M	17.941M
2462MHz	Pass	500k	17.575M	18.016M	17.6M	17.891M
802.11n HT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.35M	36.432M	36.35M	36.482M
2437MHz	Pass	500k	36.35M	36.532M	36.35M	36.482M
2452MHz	Pass	500k	36.35M	36.482M	36.3M	36.482M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19M	19.015M	18.975M	19.04M
2437MHz	Pass	500k	18.95M	19.115M	18.95M	19.115M
2462MHz	Pass	500k	18.925M	19.015M	19M	19.065M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.65M	37.681M	37.55M	37.681M
2437MHz	Pass	500k	37.65M	37.681M	37.65M	37.781M
2452MHz	Pass	500k	37.25M	37.781M	37.6M	37.731M

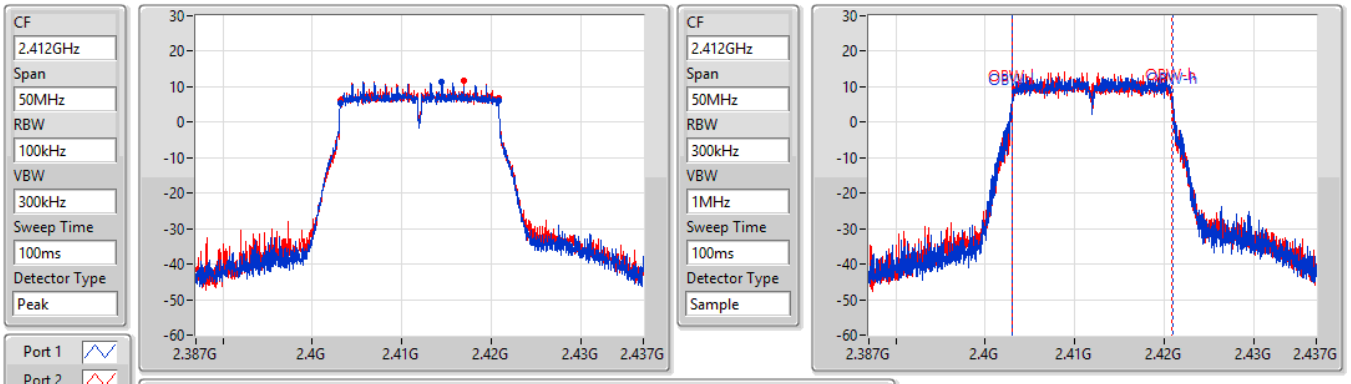
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11n HT20_Nss2,(MCS0)_2TX

EBW

2412MHz

03/07/2021



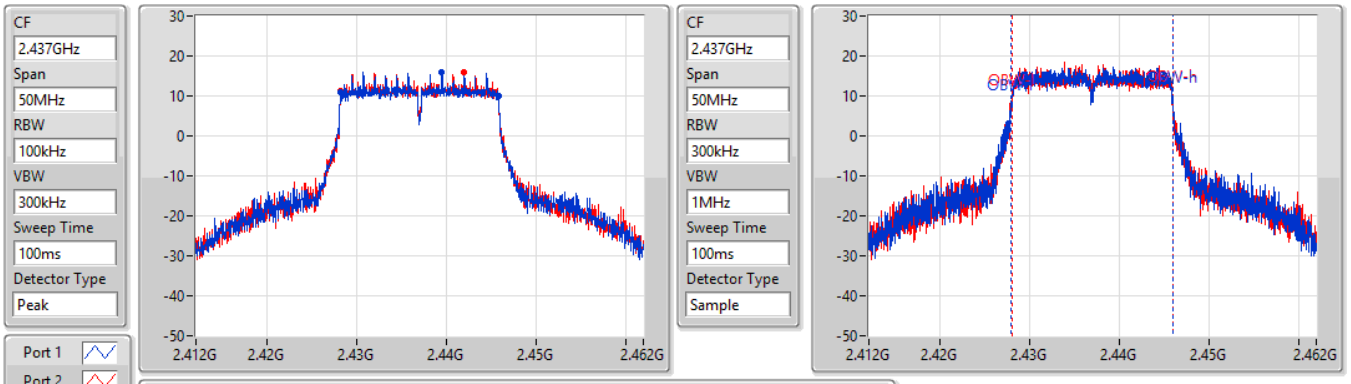
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	2.403175G	2.420775G	17.966M	2.40298G	2.420946G	500k	1
17.6M	2.403175G	2.420775G	17.841M	2.403029G	2.420871G	500k	2

802.11n HT20_Nss2,(MCS0)_2TX

EBW

2437MHz

03/07/2021



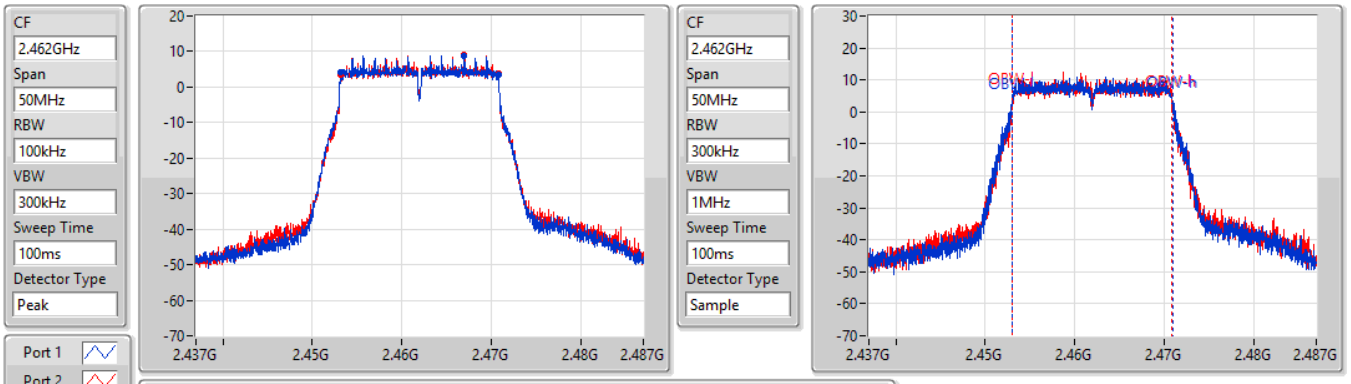
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4282G	2.445775G	18.016M	2.42793G	2.445946G	500k	1
17.575M	2.4282G	2.445775G	17.941M	2.42798G	2.445921G	500k	2

802.11n HT20_Nss2,(MCS0)_2TX

EBW

2462MHz

03/07/2021



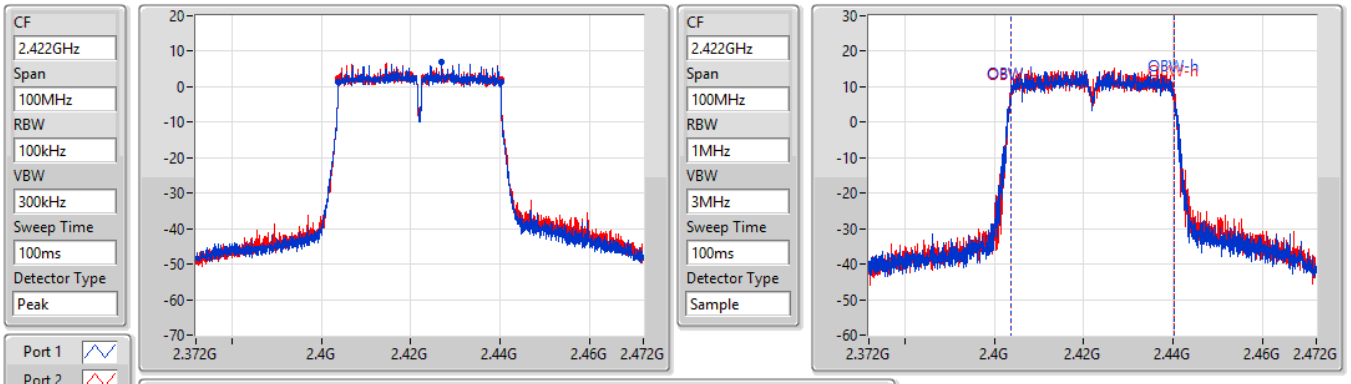
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	18.016M	2.45298G	2.470996G	500k	1
17.6M	2.453175G	2.470775G	17.891M	2.453004G	2.470896G	500k	2

802.11n HT40_Nss2,(MCS0)_2TX

EBW

2422MHz

03/07/2021



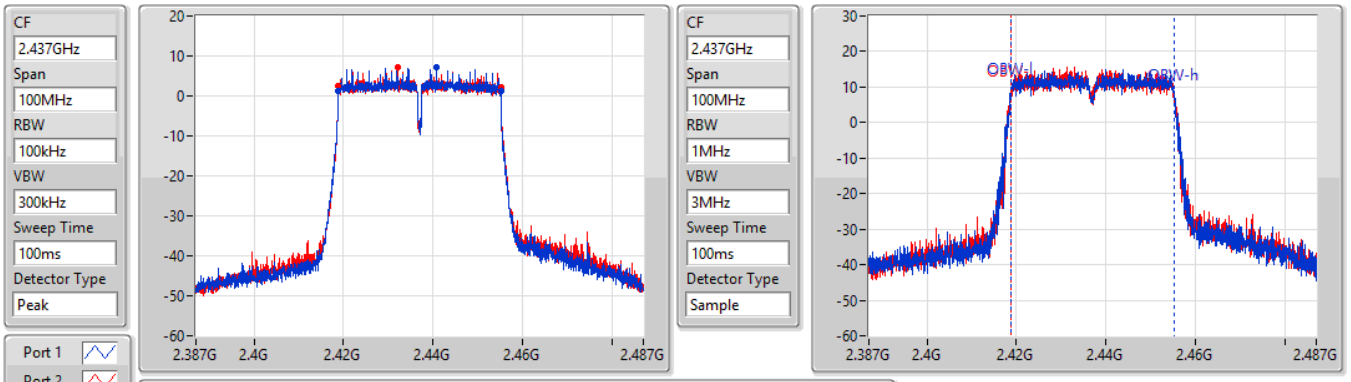
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4038G	2.44015G	36.432M	2.403759G	2.440191G	500k	1
36.35M	2.4038G	2.44015G	36.482M	2.403709G	2.440191G	500k	2

802.11n HT40_Nss2,(MCS0)_2TX

EBW

2437MHz

03/07/2021



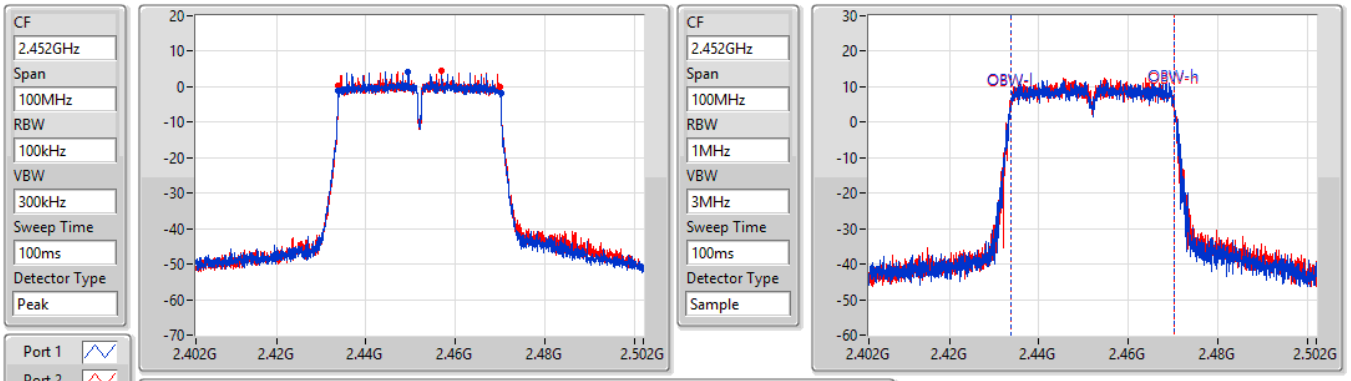
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4188G	2.45515G	36.532M	2.418709G	2.455241G	500k	1
36.35M	2.4188G	2.45515G	36.482M	2.418709G	2.455191G	500k	2

802.11n HT40_Nss2,(MCS0)_2TX

EBW

2452MHz

03/07/2021



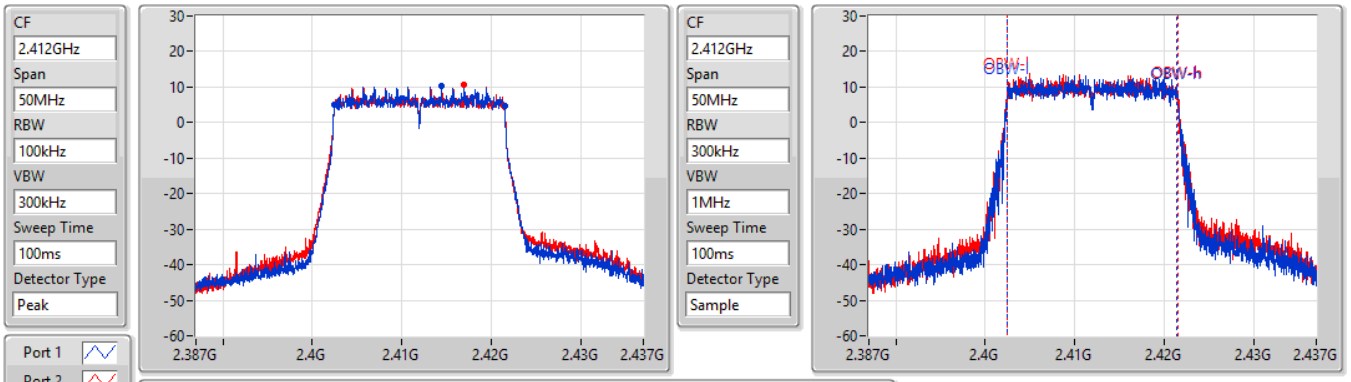
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4338G	2.47015G	36.482M	2.433709G	2.470191G	500k	1
36.3M	2.4338G	2.4701G	36.482M	2.433709G	2.470191G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

2412MHz

03/07/2021



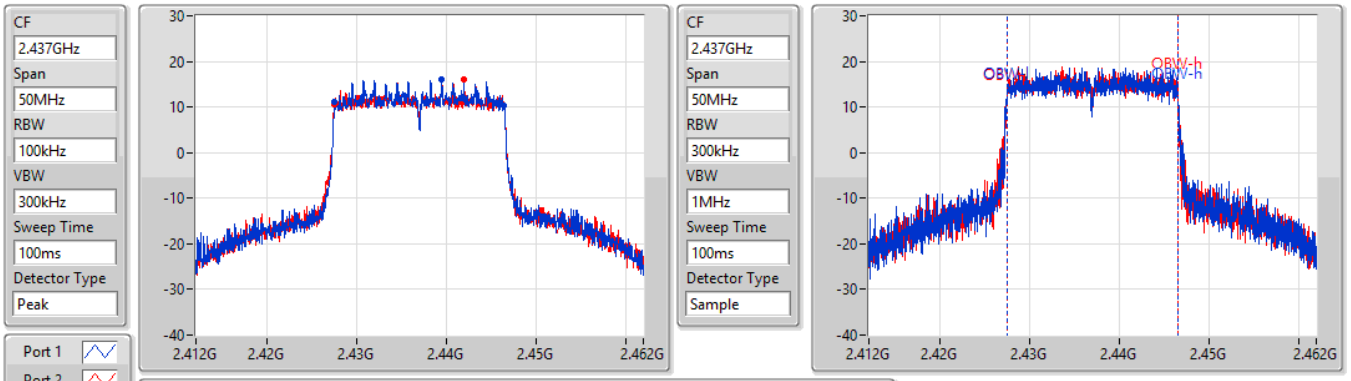
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19M	2.402475G	2.421475G	19.015M	2.402455G	2.42147G	500k	1
18.975M	2.402475G	2.42145G	19.04M	2.402455G	2.421495G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

2437MHz

03/07/2021



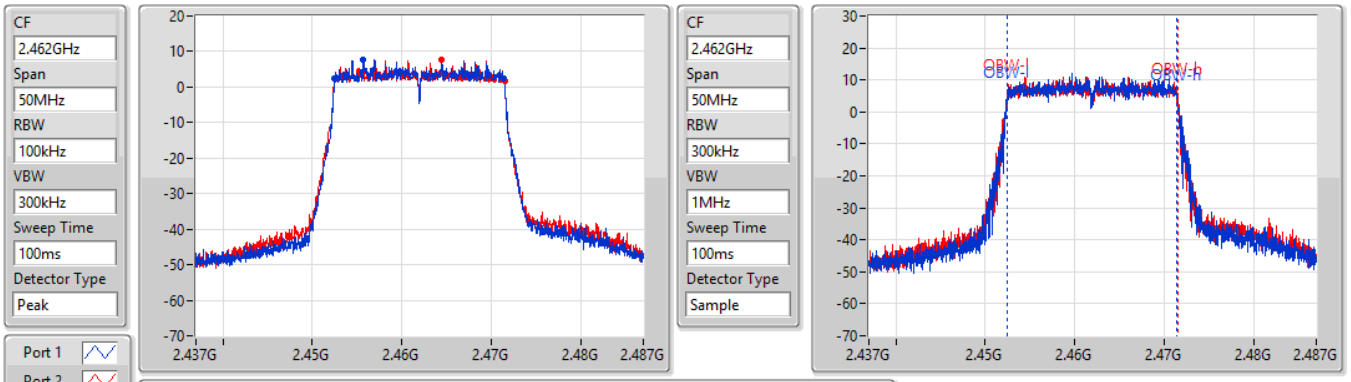
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4275G	2.44645G	19.115M	2.427405G	2.44652G	500k	1
18.95M	2.4275G	2.44645G	19.115M	2.427405G	2.44652G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

2462MHz

03/07/2021



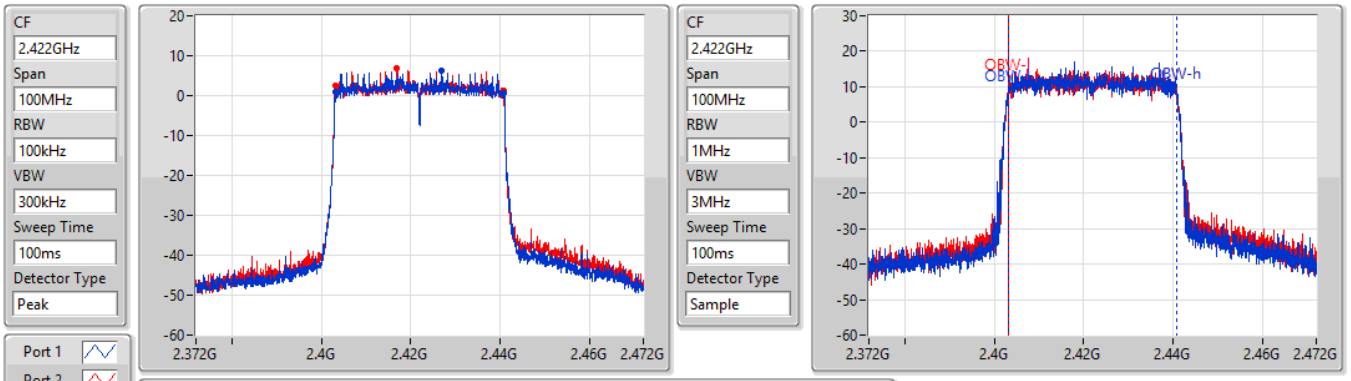
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.452525G	2.47145G	19.015M	2.452455G	2.47147G	500k	1
19M	2.452475G	2.471475G	19.065M	2.45243G	2.471495G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

2422MHz

03/07/2021

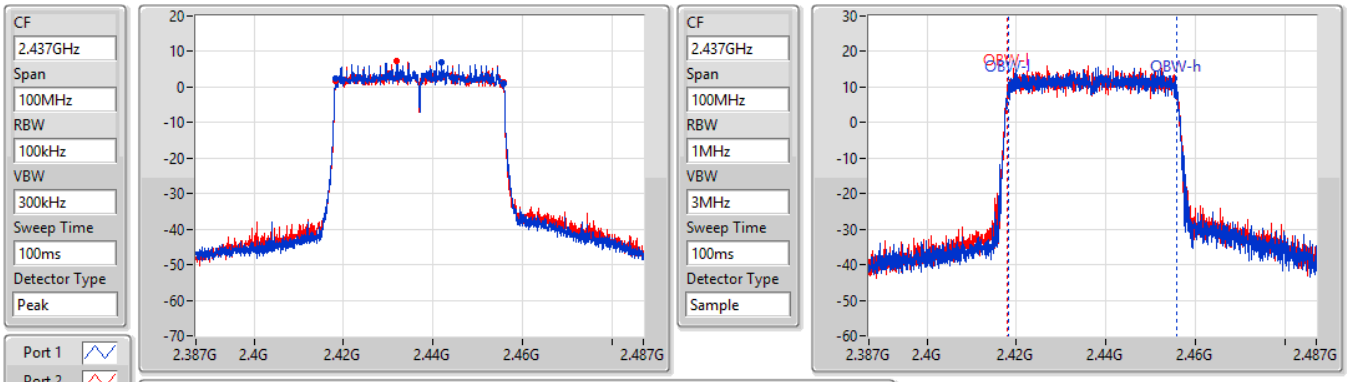


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.40315G	2.4408G	37.681M	2.403159G	2.440841G	500k	1
37.55M	2.4032G	2.44075G	37.681M	2.403109G	2.440791G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

2437MHz

03/07/2021

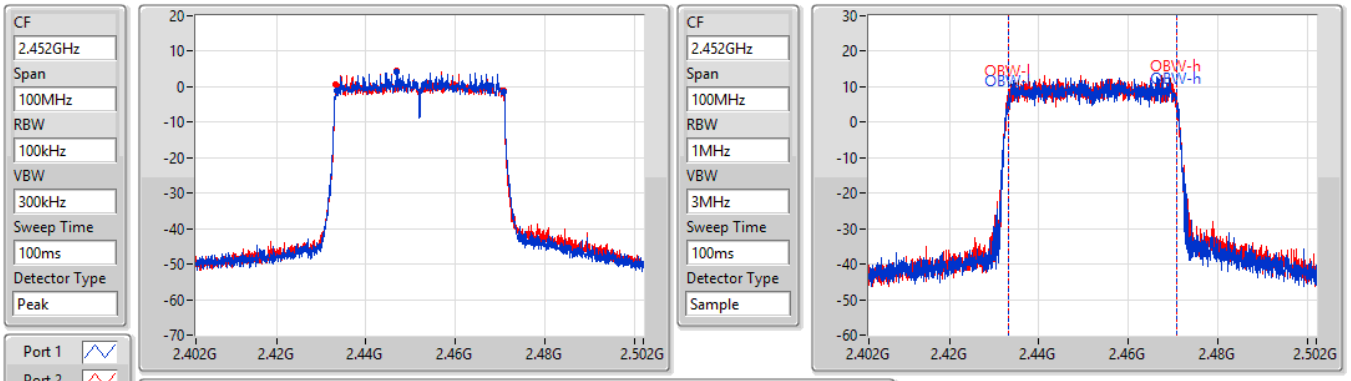


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.41815G	2.4558G	37.681M	2.418109G	2.455791G	500k	1
37.65M	2.41815G	2.4558G	37.781M	2.418009G	2.455791G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

2452MHz

03/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.43355G	2.4708G	37.781M	2.433059G	2.470841G	500k	1
37.6M	2.4332G	2.4708G	37.731M	2.433059G	2.470791G	500k	2

For 2T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.94	0.98628
802.11g_Nss1,(6Mbps)_2TX	29.67	0.92683
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.92	0.61944
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.89	0.38815

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.28	26.98	26.83	29.92	30.00
2437MHz	Pass	5.28	27.04	26.81	29.94	30.00
2462MHz	Pass	5.28	26.90	26.65	29.79	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.28	21.68	21.65	24.68	30.00
2417MHz	Pass	5.28	22.43	22.31	25.38	30.00
2437MHz	Pass	5.28	26.59	26.72	29.67	30.00
2457MHz	Pass	5.28	22.47	22.29	25.39	30.00
2462MHz	Pass	5.28	20.21	20.15	23.19	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.00	20.18	20.33	23.27	28.00
2417MHz	Pass	8.00	22.30	22.43	25.38	28.00
2437MHz	Pass	8.00	24.76	25.05	27.92	28.00
2457MHz	Pass	8.00	22.95	22.81	25.89	28.00
2462MHz	Pass	8.00	20.73	20.73	23.74	28.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.00	22.91	22.84	25.89	28.00
2437MHz	Pass	8.00	22.10	22.13	25.13	28.00
2447MHz	Pass	8.00	20.87	20.89	23.89	28.00
2452MHz	Pass	8.00	17.40	17.42	20.42	28.00

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

For 2T2S
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11n HT20_Nss2,(MCS0)_2TX	29.83	0.96161
802.11n HT40_Nss2,(MCS0)_2TX	23.97	0.24946
802.11ax HEW20_Nss2,(MCS0)_2TX	29.84	0.96383
802.11ax HEW40_Nss2,(MCS0)_2TX	24.12	0.25823

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.99	23.02	22.89	25.97	30.00
2417MHz	Pass	4.99	24.19	24.18	27.20	30.00
2437MHz	Pass	4.99	26.80	26.84	29.83	30.00
2457MHz	Pass	4.99	22.44	22.25	25.36	30.00
2462MHz	Pass	4.99	20.15	20.07	23.12	30.00
802.11n HT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.99	20.84	20.85	23.86	30.00
2437MHz	Pass	4.99	21.02	20.90	23.97	30.00
2452MHz	Pass	4.99	18.27	18.33	21.31	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.99	21.74	22.04	24.90	30.00
2417MHz	Pass	4.99	23.98	24.11	27.06	30.00
2437MHz	Pass	4.99	26.84	26.81	29.84	30.00
2457MHz	Pass	4.99	22.87	22.93	25.91	30.00
2462MHz	Pass	4.99	19.35	19.45	22.41	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.99	20.74	20.68	23.72	30.00
2437MHz	Pass	4.99	21.20	21.01	24.12	30.00
2452MHz	Pass	4.99	18.71	18.57	21.65	30.00

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

For 2T1S
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.92
802.11g_Nss1,(6Mbps)_2TX	4.71
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	1.84
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-2.20

RBW = 3kHz;

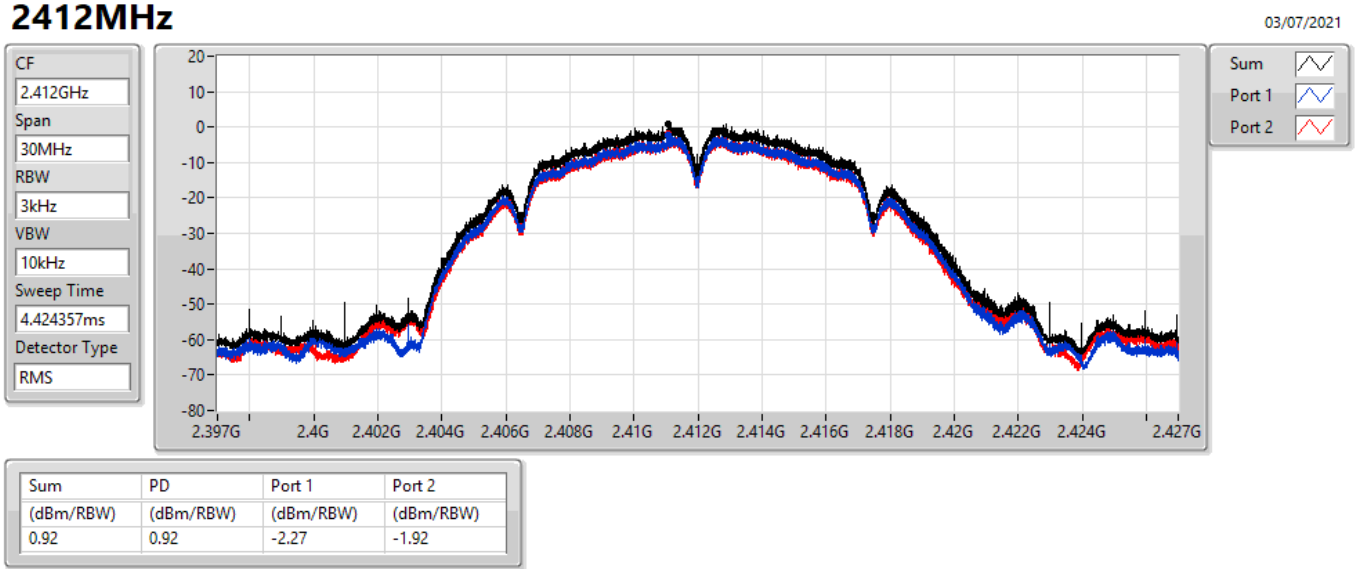
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.00	-2.27	-1.92	0.92	6.00
2437MHz	Pass	8.00	-1.97	-3.02	0.43	6.00
2462MHz	Pass	8.00	-2.30	-2.48	0.61	6.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.00	-3.83	-3.91	-1.16	6.00
2437MHz	Pass	8.00	2.50	1.18	4.71	6.00
2462MHz	Pass	8.00	-4.84	-5.22	-2.13	6.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.00	-6.05	-6.05	-3.17	6.00
2437MHz	Pass	8.00	-1.34	-1.00	1.84	6.00
2462MHz	Pass	8.00	-5.62	-5.66	-2.63	6.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.00	-5.08	-5.18	-2.20	6.00
2437MHz	Pass	8.00	-5.94	-4.91	-2.38	6.00
2452MHz	Pass	8.00	-10.41	-11.40	-8.85	6.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

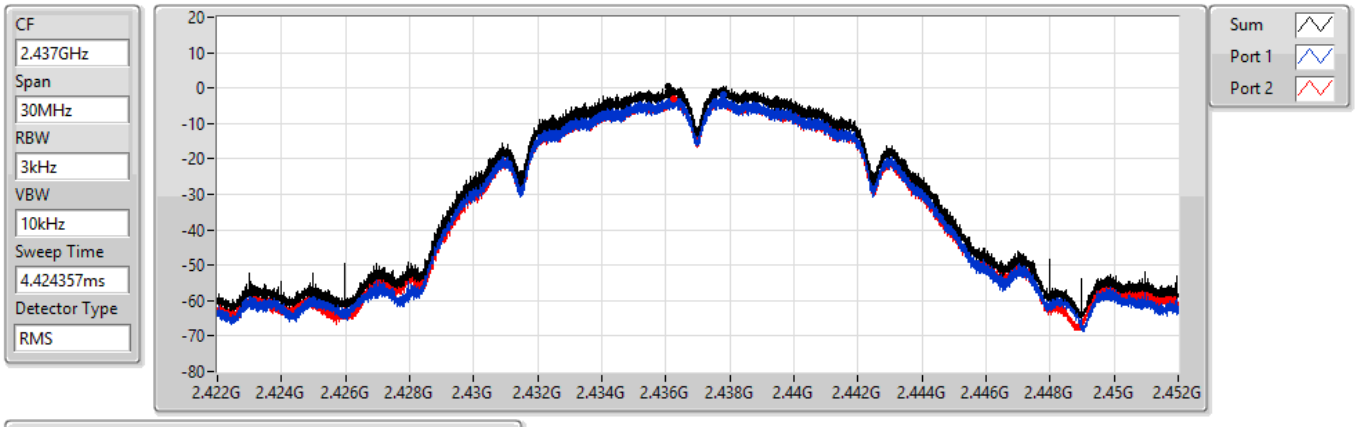
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.92	0.92	-2.27	-1.92

802.11b_Nss1,(1Mbps)_2TX PSD

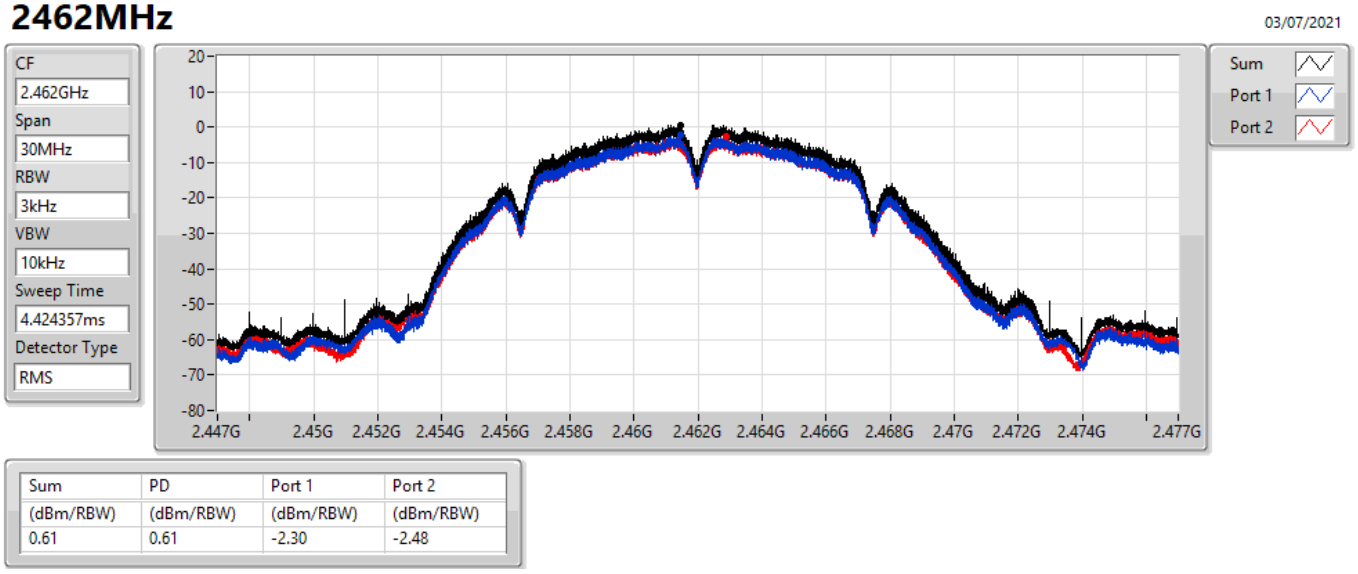
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.43	0.43	-1.97	-3.02

802.11b_Nss1,(1Mbps)_2TX PSD

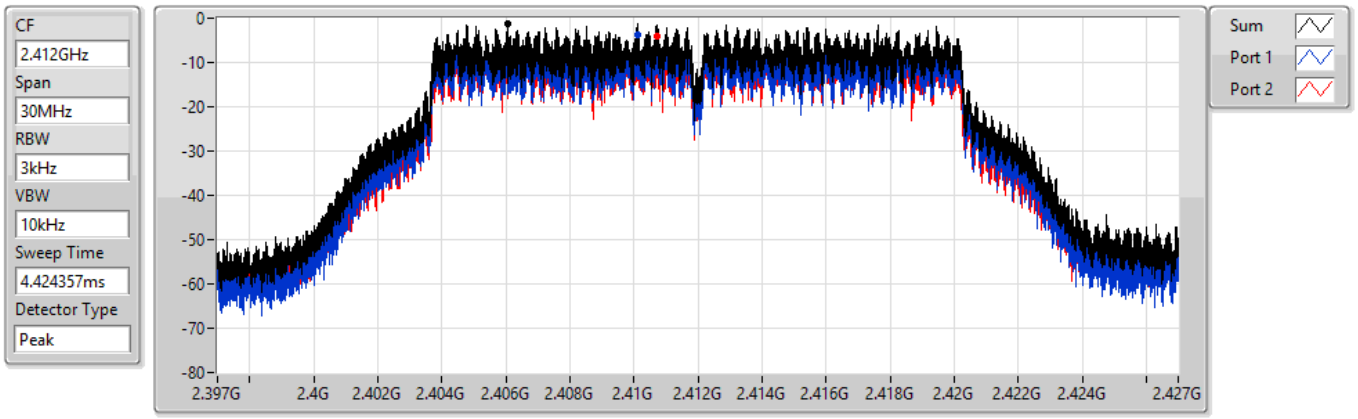
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.61	0.61	-2.30	-2.48

802.11g_Nss1,(6Mbps)_2TX PSD

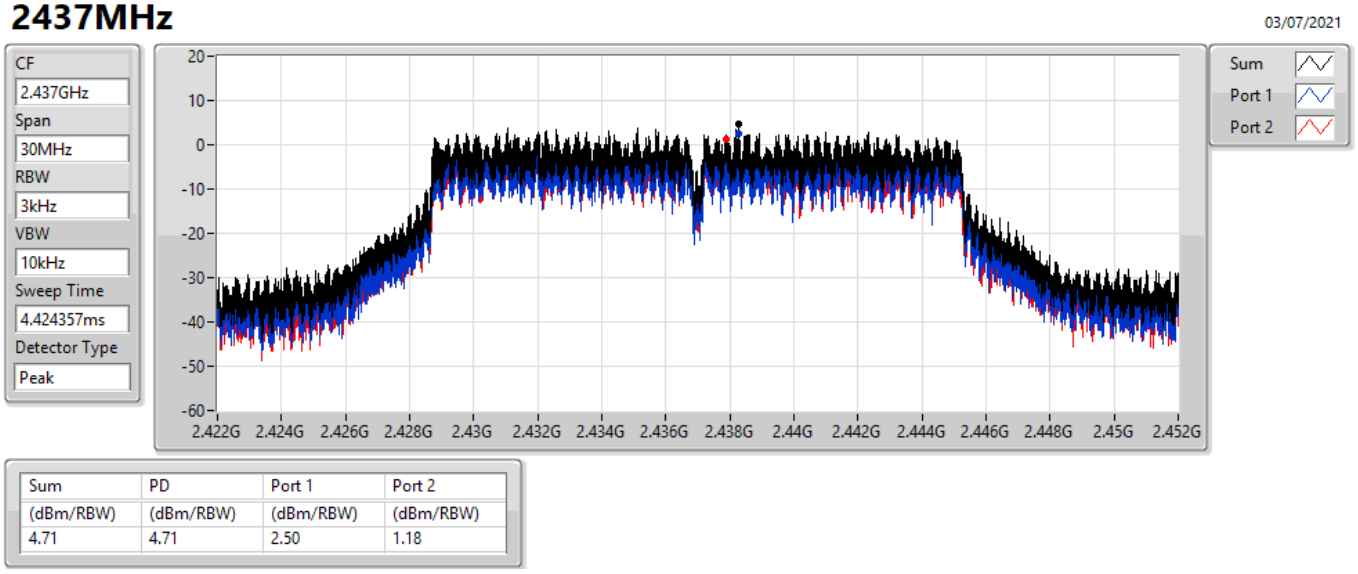
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.16	-1.16	-3.83	-3.91

802.11g_Nss1,(6Mbps)_2TX PSD

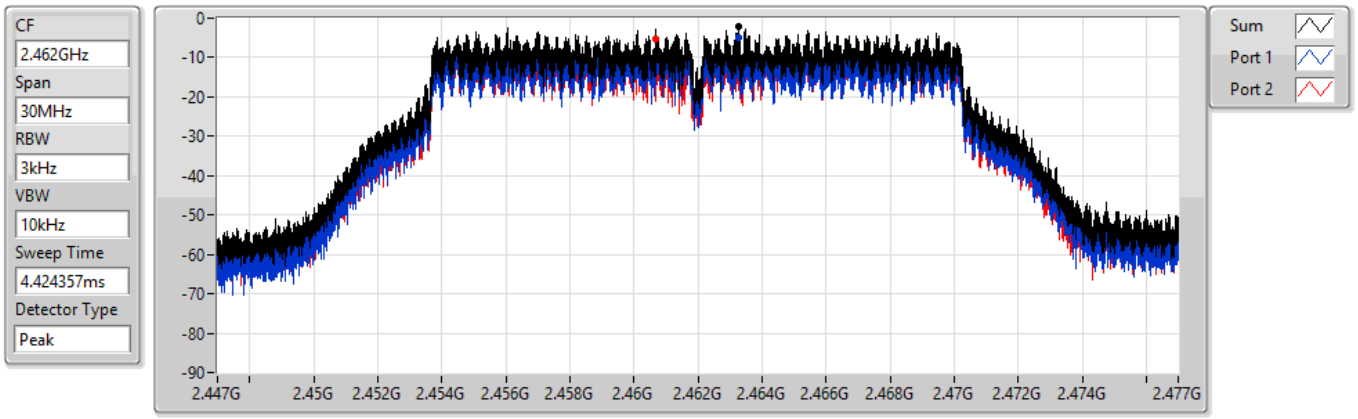
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	2.50	1.18

802.11g_Nss1,(6Mbps)_2TX PSD

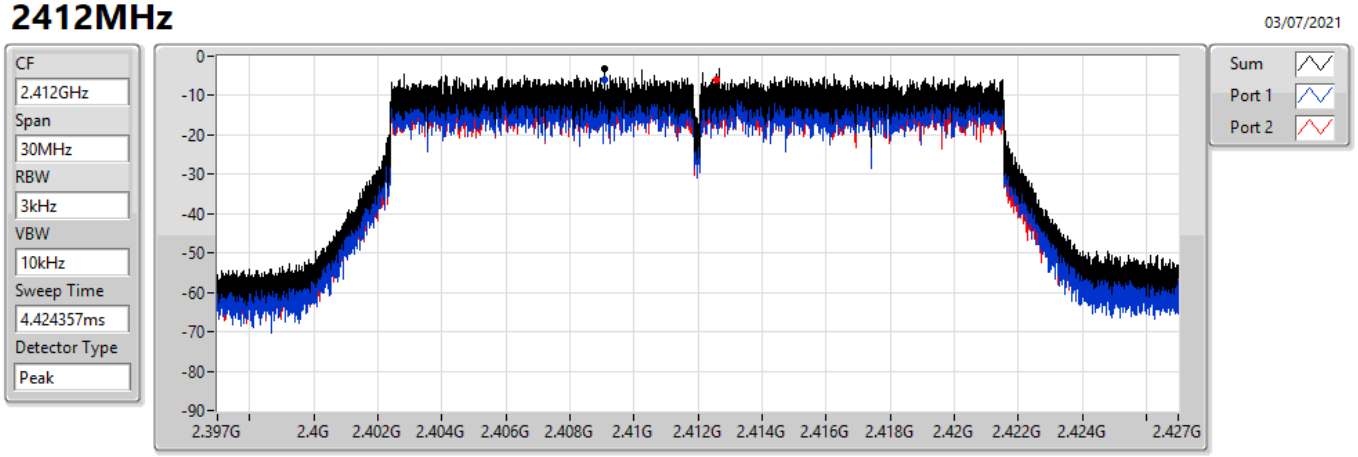
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.13	-2.13	-4.84	-5.22

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

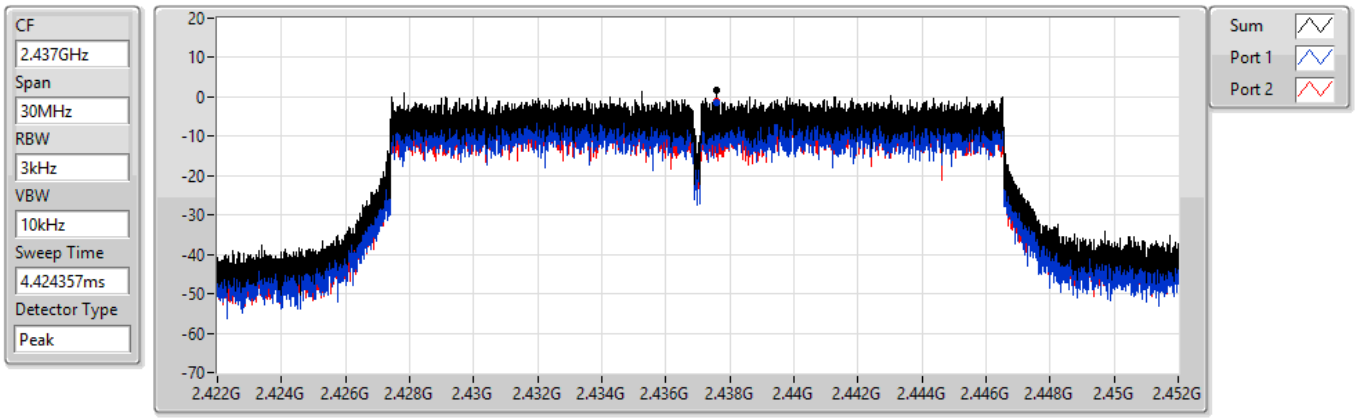
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-6.05	-6.05

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

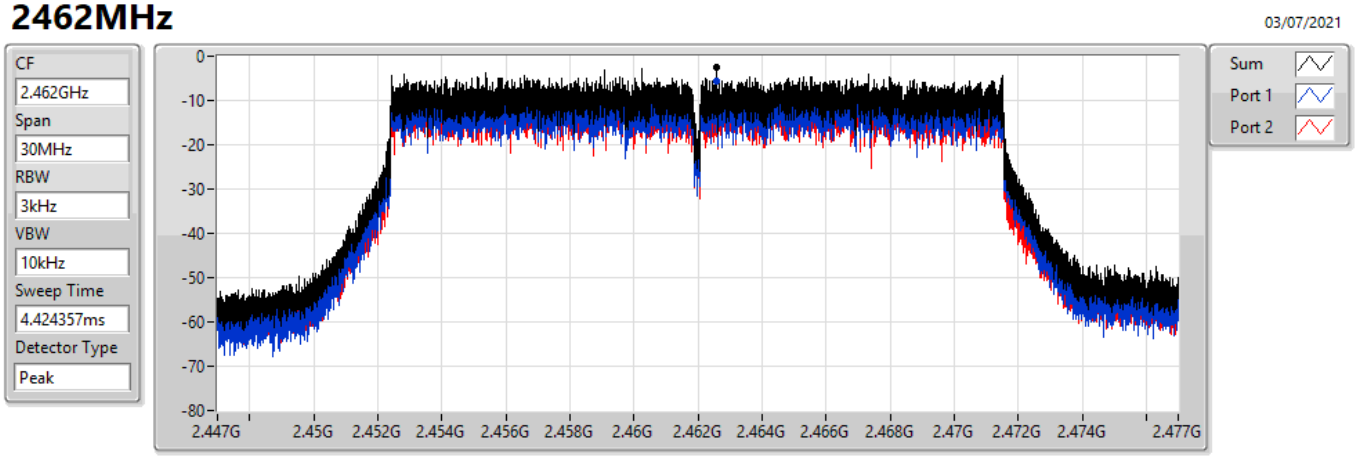
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.84	1.84	-1.34	-1.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

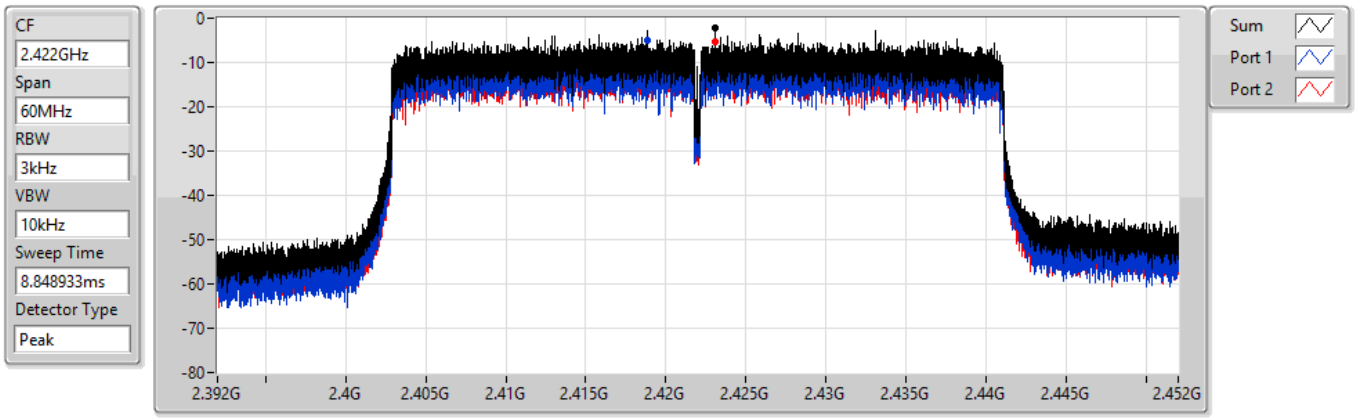
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.63	-2.63	-5.62	-5.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

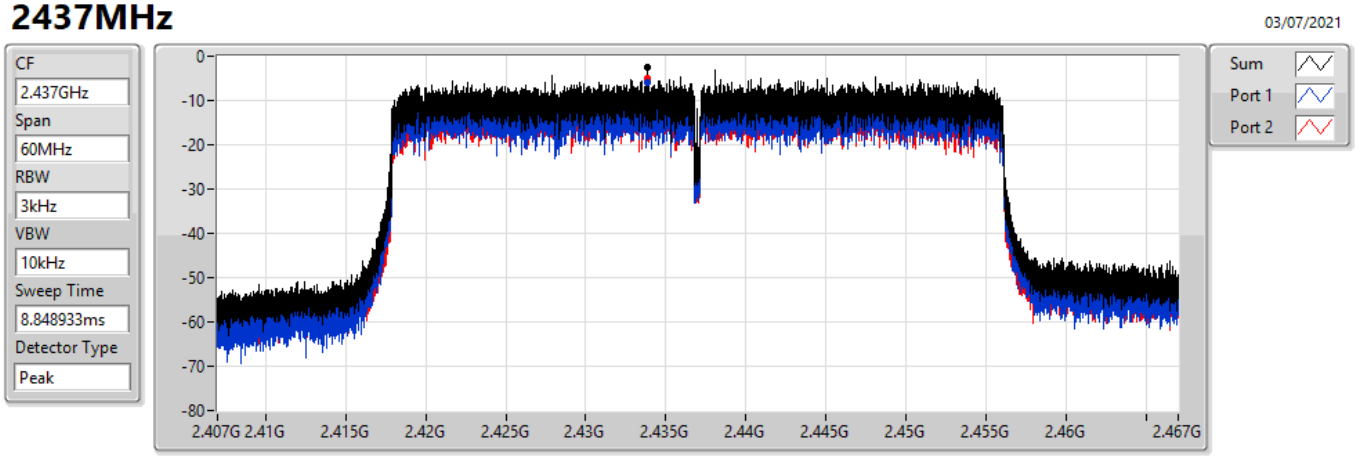
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.20	-2.20	-5.08	-5.18

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

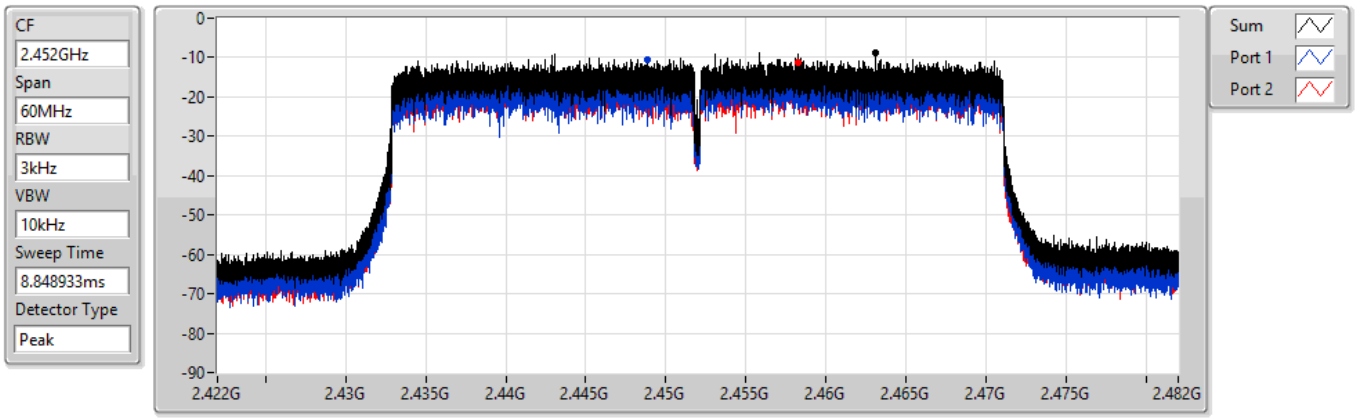
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.38	-2.38	-5.94	-4.91

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.85	-8.85	-10.41	-11.40

For 2T2S
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11n HT20_Nss2,(MCS0)_2TX	2.47
802.11n HT40_Nss2,(MCS0)_2TX	-5.62
802.11ax HEW20_Nss2,(MCS0)_2TX	2.48
802.11ax HEW40_Nss2,(MCS0)_2TX	-6.36

RBW = 3kHz;

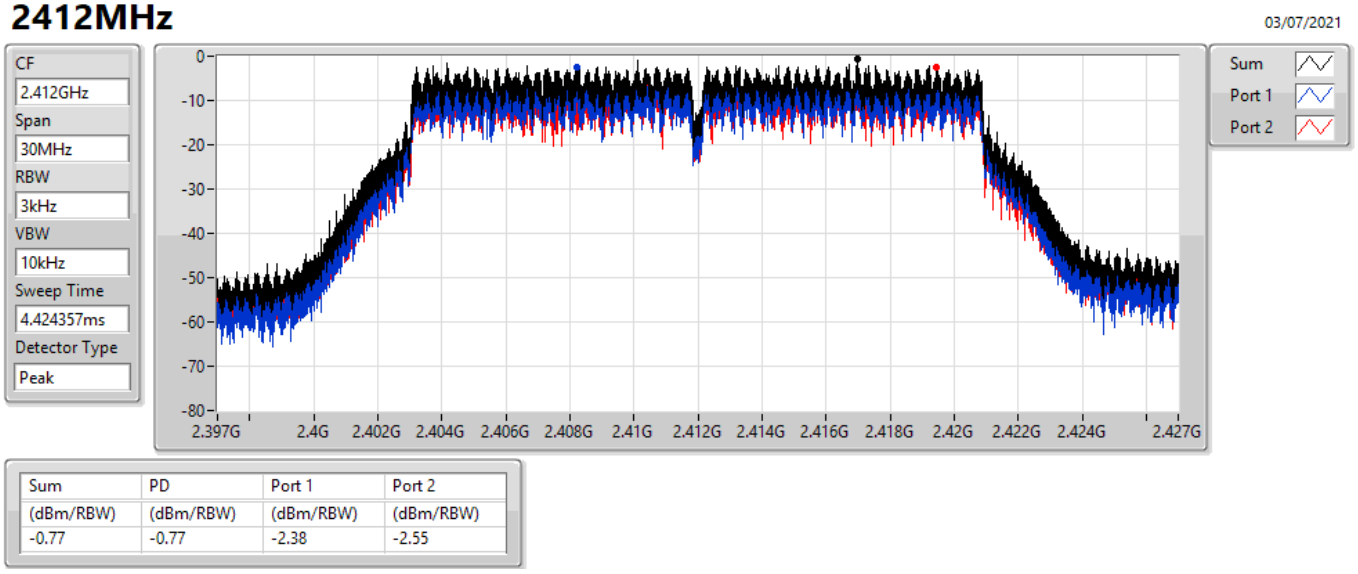
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.99	-2.38	-2.55	-0.77	8.00
2437MHz	Pass	4.99	1.25	1.45	2.47	8.00
2462MHz	Pass	4.99	-5.27	-4.95	-3.97	8.00
802.11n HT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.99	-7.49	-6.85	-6.00	8.00
2437MHz	Pass	4.99	-6.75	-7.44	-5.62	8.00
2452MHz	Pass	4.99	-9.53	-10.40	-8.75	8.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.99	-4.90	-4.62	-2.75	8.00
2437MHz	Pass	4.99	-0.09	0.64	2.48	8.00
2462MHz	Pass	4.99	-7.43	-7.18	-5.34	8.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.99	-8.52	-8.48	-6.65	8.00
2437MHz	Pass	4.99	-7.52	-8.33	-6.36	8.00
2452MHz	Pass	4.99	-10.49	-10.48	-8.59	8.00

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

802.11n HT20_Nss2,(MCS0)_2TX PSD

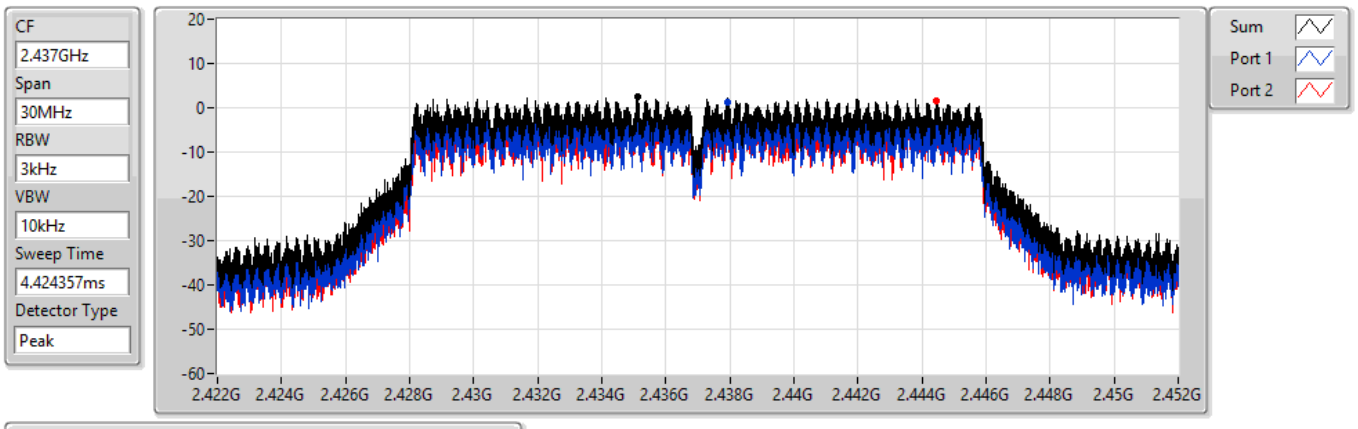
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.77	-0.77	-2.38	-2.55

802.11n HT20_Nss2,(MCS0)_2TX PSD

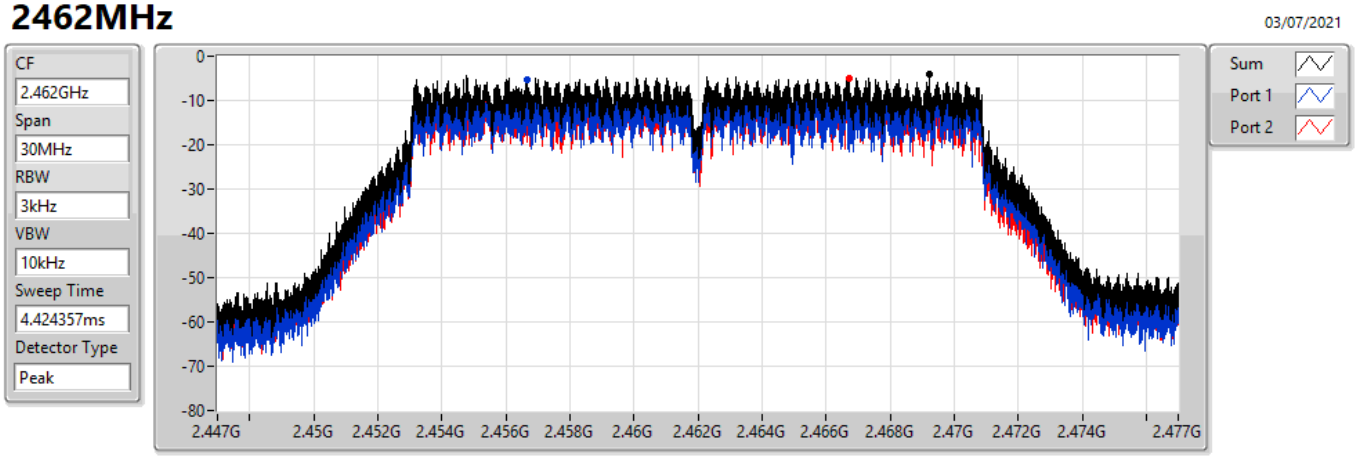
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.47	2.47	1.25	1.45

802.11n HT20_Nss2,(MCS0)_2TX PSD

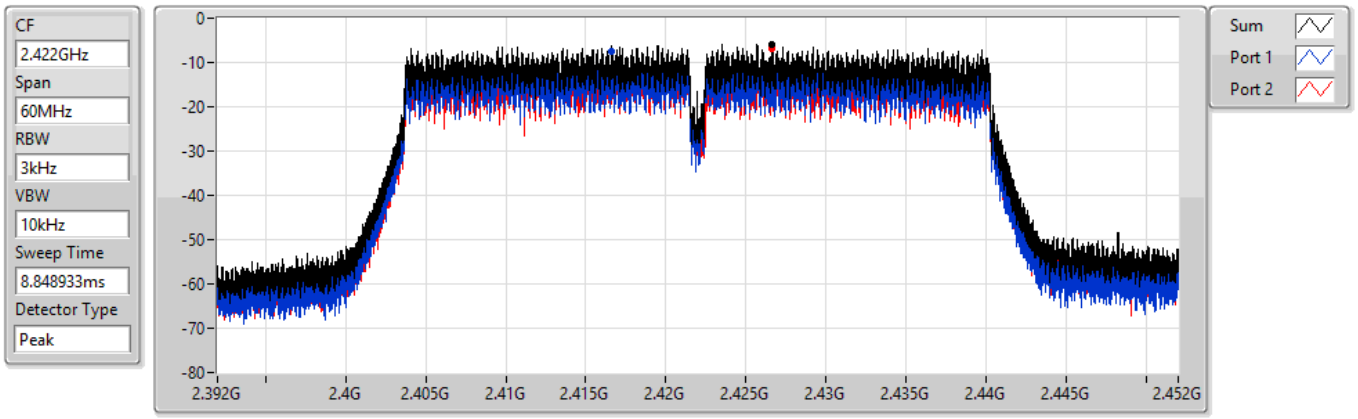
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.97	-3.97	-5.27	-4.95

802.11n HT40_Nss2,(MCS0)_2TX PSD

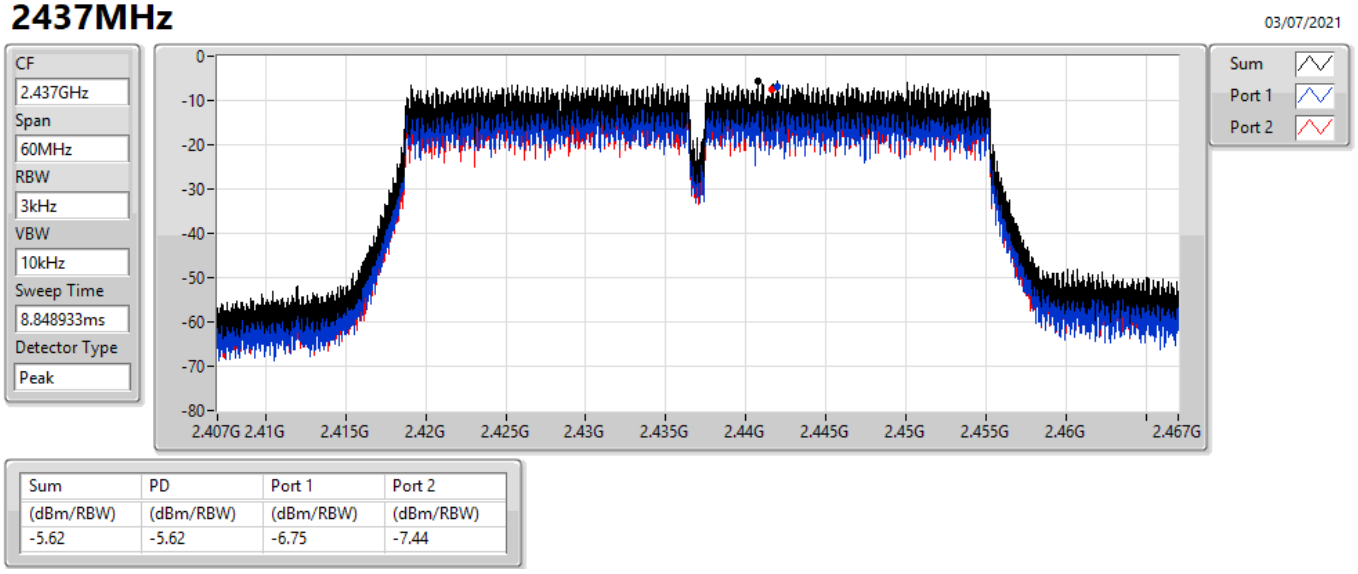
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.00	-6.00	-7.49	-6.85

802.11n HT40_Nss2,(MCS0)_2TX PSD

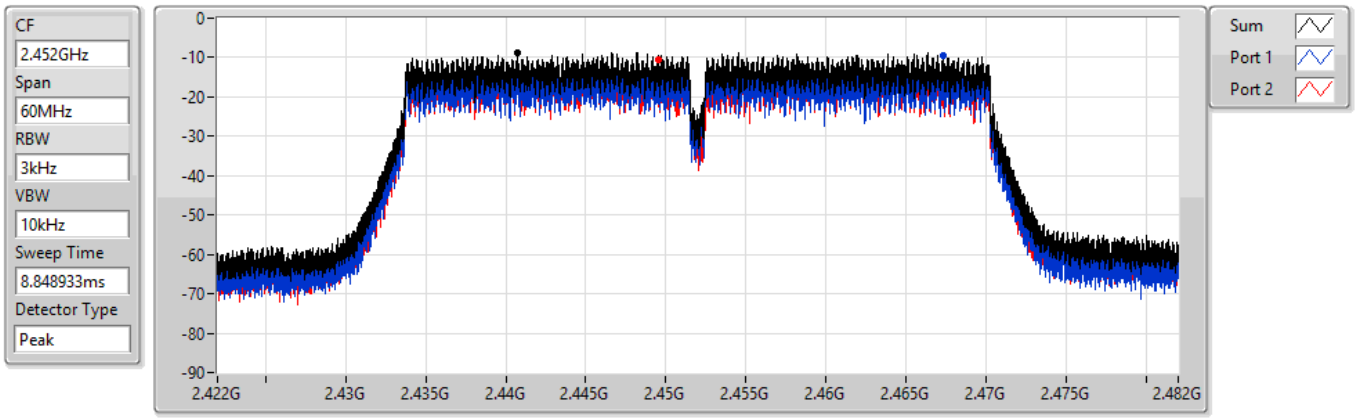
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.62	-5.62	-6.75	-7.44

802.11n HT40_Nss2,(MCS0)_2TX PSD

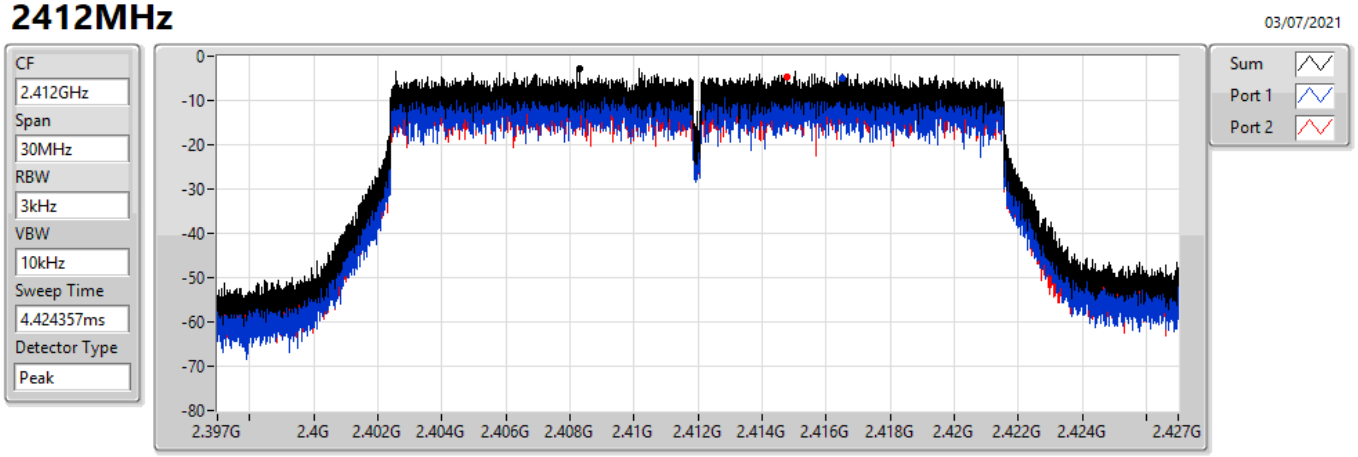
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.75	-8.75	-9.53	-10.40

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

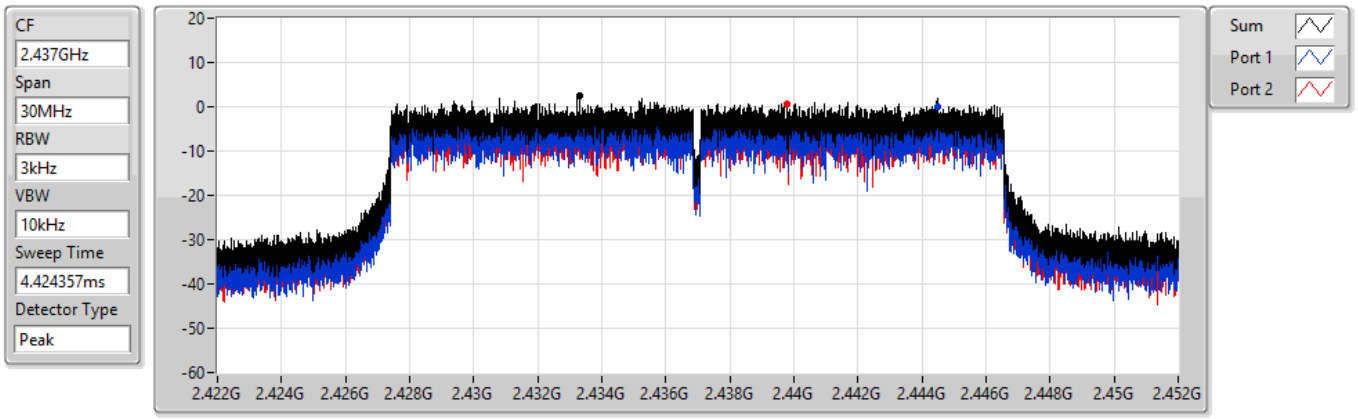
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.75	-2.75	-4.90	-4.62

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

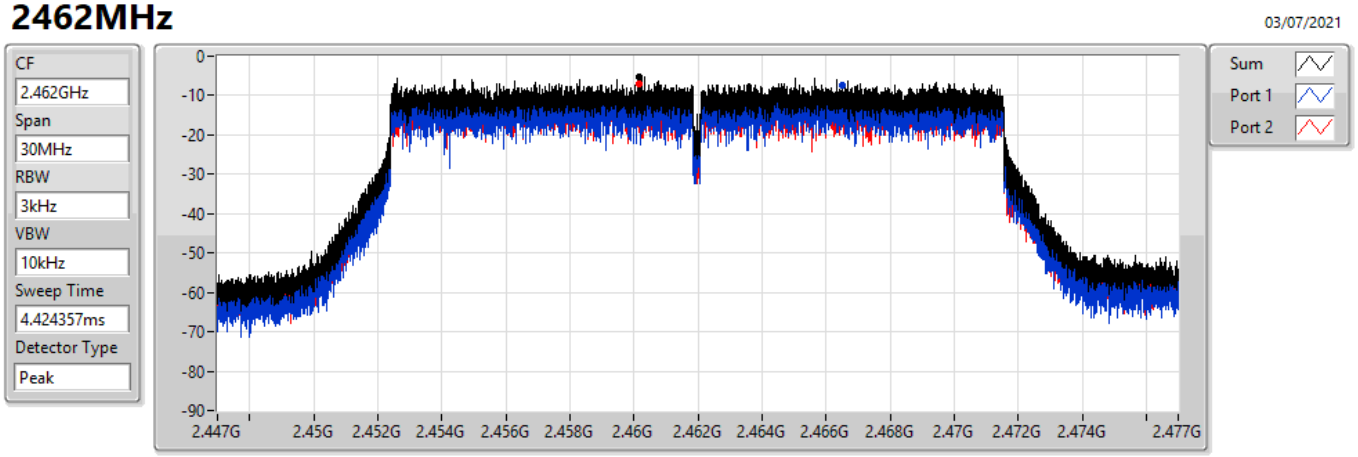
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.48	2.48	-0.09	0.64

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

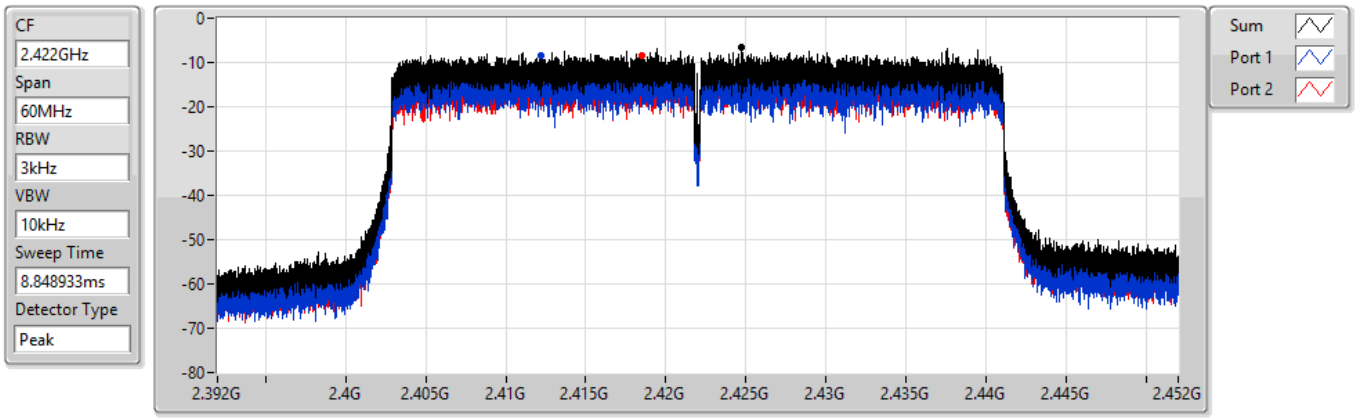
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.34	-5.34	-7.43	-7.18

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

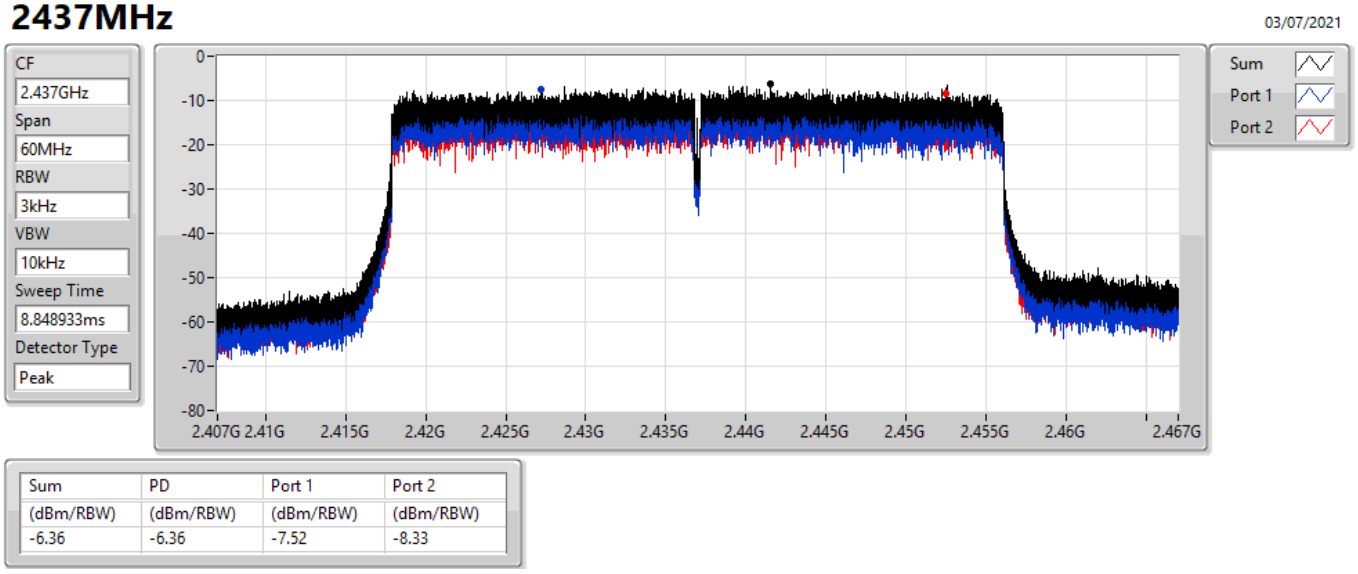
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.65	-6.65	-8.52	-8.48

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

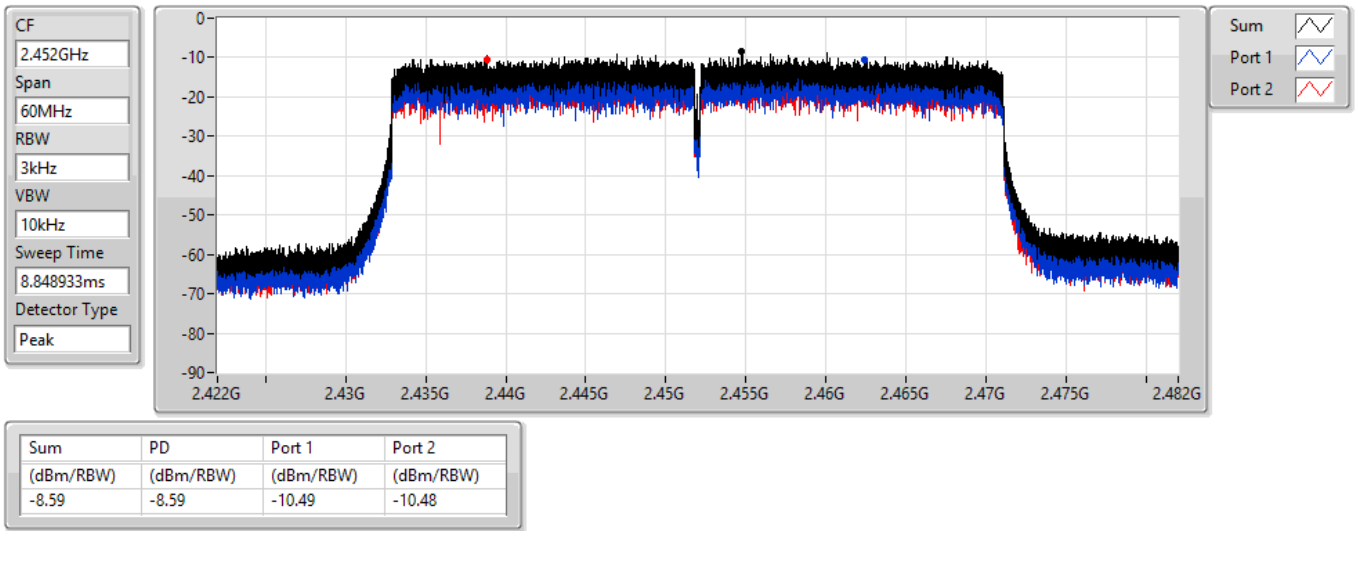
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.36	-6.36	-7.52	-8.33

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.59	-8.59	-10.49	-10.48

For 2T1S
Summary

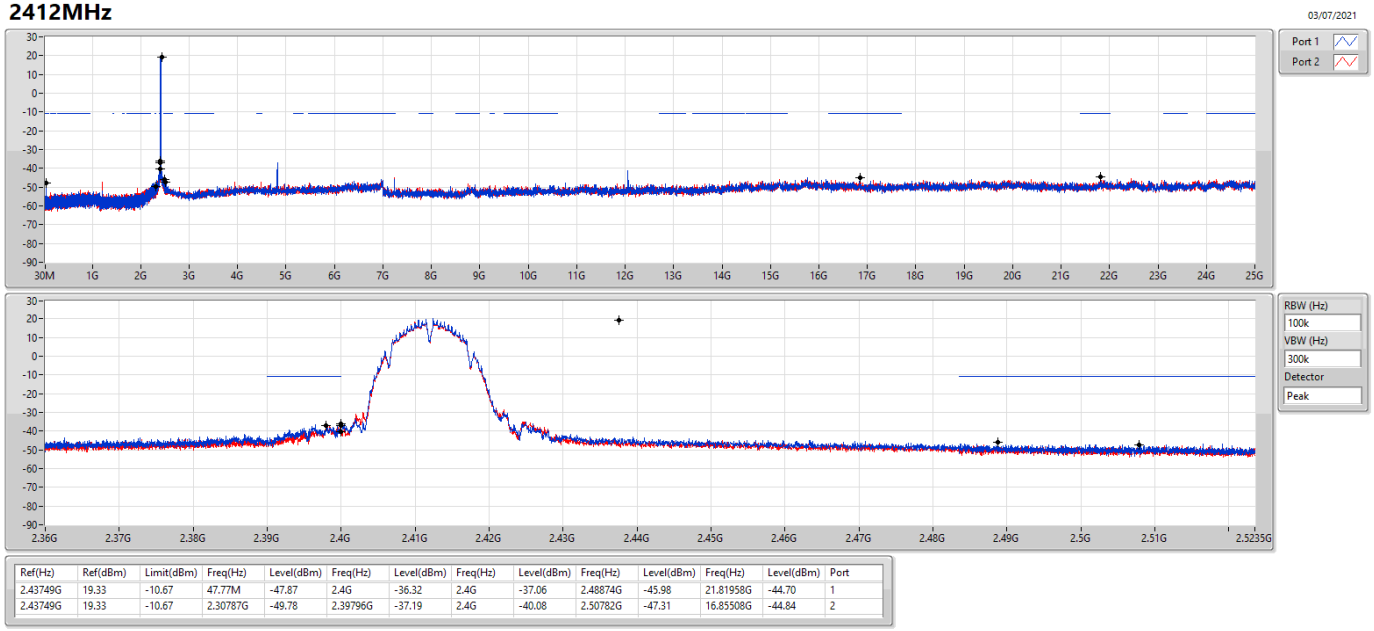
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	19.33	-10.67	47.77M	-47.87	2.4G	-36.32	2.4G	-37.06	2.48874G	-45.98	21.81958G	-44.70	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43198G	15.67	-14.33	1.92953G	-49.93	2.39948G	-30.76	2.4G	-32.82	2.49198G	-48.42	14.13542G	-45.51	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.44196G	13.96	-16.04	47.77M	-48.90	2.39976G	-36.52	2.4G	-35.85	2.49748G	-48.58	24.44933G	-45.30	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.41946G	8.78	-21.22	47.75M	-46.92	2.39904G	-31.62	2.4G	-36.37	2.4841G	-45.01	21.85609G	-44.96	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	19.33	-10.67	47.77M	-47.87	2.4G	-36.32	2.4G	-37.06	2.48874G	-45.98	21.81958G	-44.70	1
2412MHz	Pass	2.43749G	19.33	-10.67	2.30787G	-49.78	2.39796G	-37.19	2.4G	-40.08	2.50782G	-47.31	16.85508G	-44.84	2
2437MHz	Pass	2.43749G	19.33	-10.67	47.77M	-47.97	2.39808G	-43.80	2.4G	-47.82	2.4853G	-44.69	16.37183G	-46.20	1
2437MHz	Pass	2.43749G	19.33	-10.67	2.15176G	-50.17	2.39338G	-45.96	2.4G	-47.85	2.48374G	-45.52	24.48023G	-45.53	2
2462MHz	Pass	2.43749G	19.33	-10.67	47.77M	-47.00	2.39852G	-45.42	2.4835G	-45.72	2.48696G	-41.05	24.42404G	-45.76	1
2462MHz	Pass	2.43749G	19.33	-10.67	1.64149G	-43.76	2.39868G	-46.67	2.4835G	-46.26	2.4848G	-44.24	15.17777G	-45.25	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	15.67	-14.33	47.77M	-49.02	2.39932G	-35.47	2.4G	-35.23	2.49558G	-47.65	24.52237G	-45.26	1
2412MHz	Pass	2.43198G	15.67	-14.33	1.92953G	-49.93	2.39948G	-30.76	2.4G	-32.82	2.49198G	-48.42	14.13542G	-45.51	2
2437MHz	Pass	2.43198G	15.67	-14.33	47.77M	-48.35	2.39826G	-35.85	2.4G	-40.67	2.48532G	-44.24	15.1862G	-45.87	1
2437MHz	Pass	2.43198G	15.67	-14.33	1.94963G	-48.36	2.39794G	-33.02	2.4G	-38.14	2.48476G	-41.61	24.78928G	-44.65	2
2462MHz	Pass	2.43198G	15.67	-14.33	47.77M	-47.79	2.39376G	-48.04	2.4835G	-43.21	2.48392G	-41.97	24.79209G	-44.19	1
2462MHz	Pass	2.43198G	15.67	-14.33	1.96973G	-48.37	2.39484G	-48.30	2.4835G	-41.09	2.48354G	-41.09	15.20025G	-45.98	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	13.96	-16.04	47.77M	-46.91	2.39998G	-37.09	2.4G	-37.50	2.49812G	-48.07	24.50833G	-45.43	1
2412MHz	Pass	2.44196G	13.96	-16.04	47.77M	-48.90	2.39976G	-36.52	2.4G	-35.85	2.49748G	-48.58	24.44933G	-45.30	2
2437MHz	Pass	2.44196G	13.96	-16.04	47.77M	-47.29	2.3969G	-40.89	2.4G	-43.95	2.48934G	-44.89	24.49428G	-44.79	1
2437MHz	Pass	2.44196G	13.96	-16.04	1.94963G	-49.98	2.39946G	-41.26	2.4G	-42.16	2.48714G	-44.05	14.80691G	-44.16	2
2462MHz	Pass	2.44196G	13.96	-16.04	47.77M	-46.36	2.3956G	-47.70	2.4835G	-41.24	2.48372G	-38.91	24.17399G	-45.52	1
2462MHz	Pass	2.44196G	13.96	-16.04	2.30874G	-48.97	2.39658G	-48.79	2.4835G	-41.72	2.48444G	-38.50	24.12342G	-45.71	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41946G	8.78	-21.22	47.75M	-46.92	2.39904G	-31.62	2.4G	-36.37	2.4841G	-45.01	21.85609G	-44.96	1
2422MHz	Pass	2.41946G	8.78	-21.22	2.30368G	-48.26	2.39588G	-32.64	2.4G	-34.29	2.48802G	-44.35	6.98349G	-45.27	2
2437MHz	Pass	2.41946G	8.78	-21.22	47.75M	-47.87	2.39924G	-39.85	2.4835G	-42.75	2.48482G	-41.33	24.49518G	-44.44	1
2437MHz	Pass	2.41946G	8.78	-21.22	47.75M	-49.07	2.39952G	-36.65	2.4G	-40.57	2.48414G	-40.67	24.139G	-45.90	2
2452MHz	Pass	2.41946G	8.78	-21.22	47.75M	-46.97	2.39592G	-48.59	2.4835G	-47.66	2.48666G	-45.37	24.4475G	-44.77	1
2452MHz	Pass	2.41946G	8.78	-21.22	47.75M	-48.86	2.39932G	-49.10	2.4835G	-45.93	2.4845G	-42.71	24.43067G	-45.99	2

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

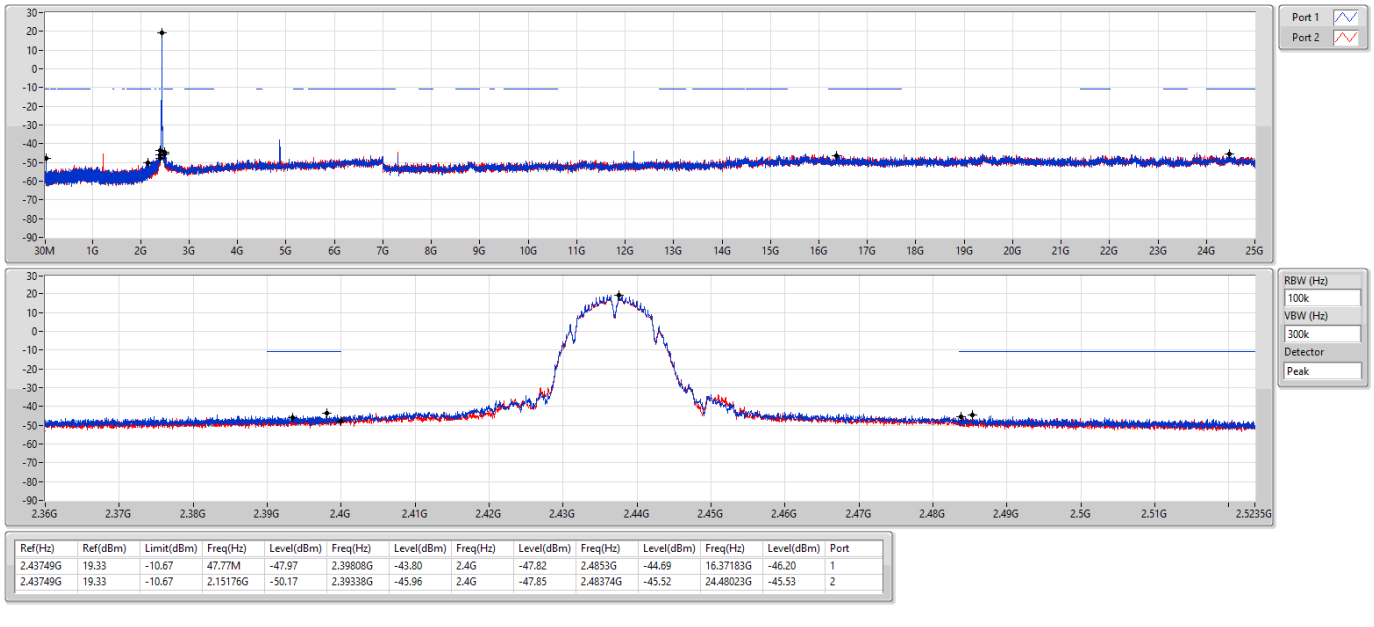
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	19.33	-10.67	47.77M	-47.87	2.4G	-36.32	2.4G	-37.06	2.48874G	-45.98	21.81958G	-44.70	1
2.43749G	19.33	-10.67	2.30787G	-49.78	2.39796G	-37.19	2.4G	-40.08	2.50782G	-47.31	16.85508G	-44.84	2

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

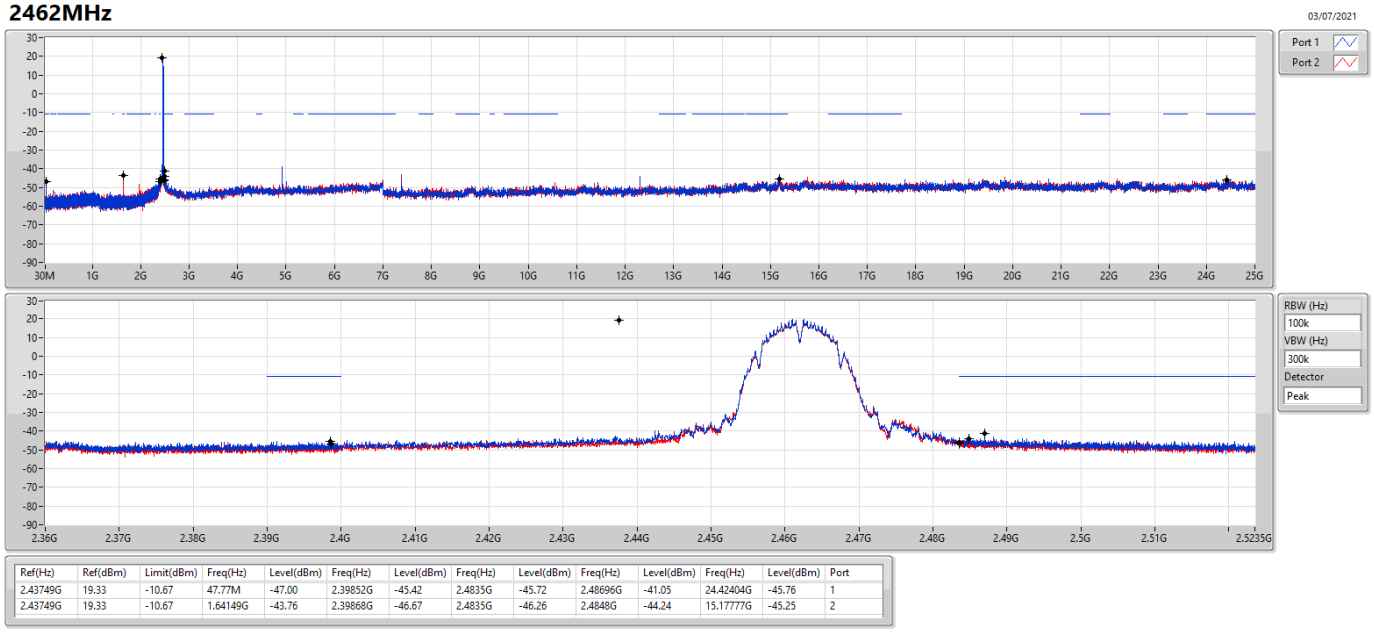
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	19.33	-10.67	47.77M	-47.97	2.39808G	-43.80	2.4G	-47.82	2.4853G	-44.69	16.37183G	-46.20	1
2.43749G	19.33	-10.67	2.15176G	-50.17	2.39338G	-45.96	2.4G	-47.85	2.48374G	-45.52	24.48023G	-45.53	2

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

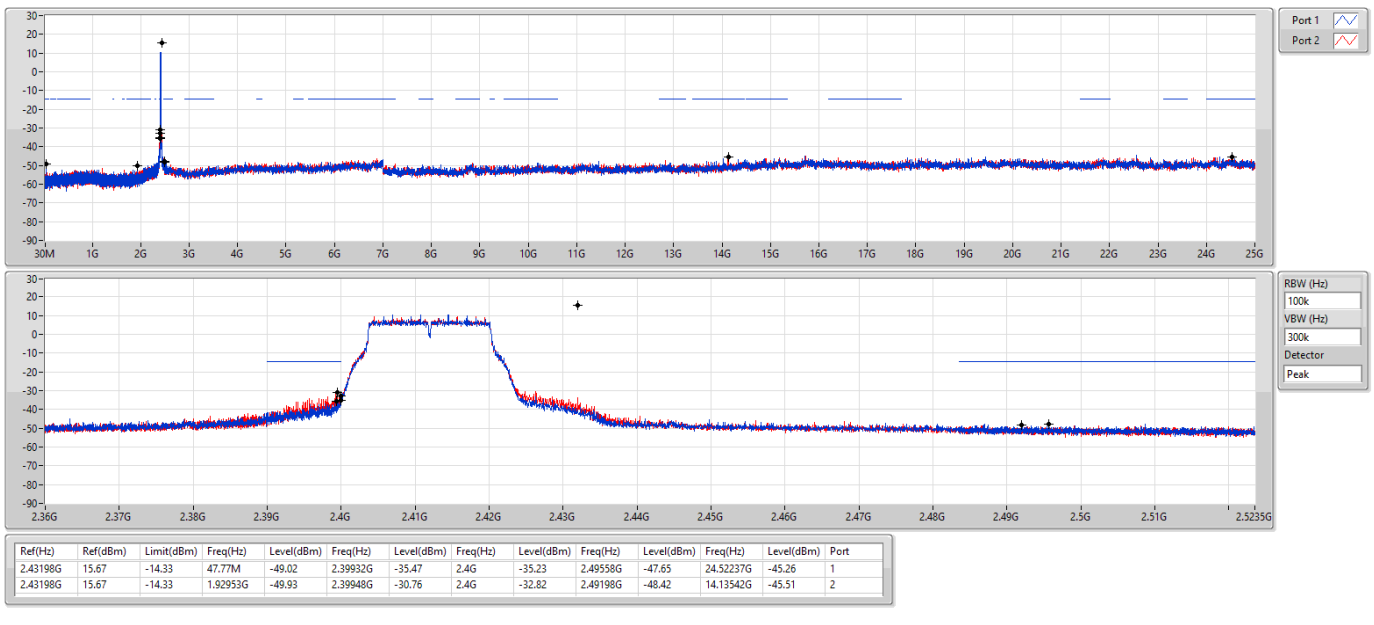
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	19.33	-10.67	47.77M	-47.00	2.39852G	-45.42	2.4835G	-45.72	2.48696G	-41.05	24.42404G	-45.76	1
2.43749G	19.33	-10.67	1.64149G	-43.76	2.39868G	-46.67	2.4835G	-46.26	2.4848G	-44.24	15.17777G	-45.25	2

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

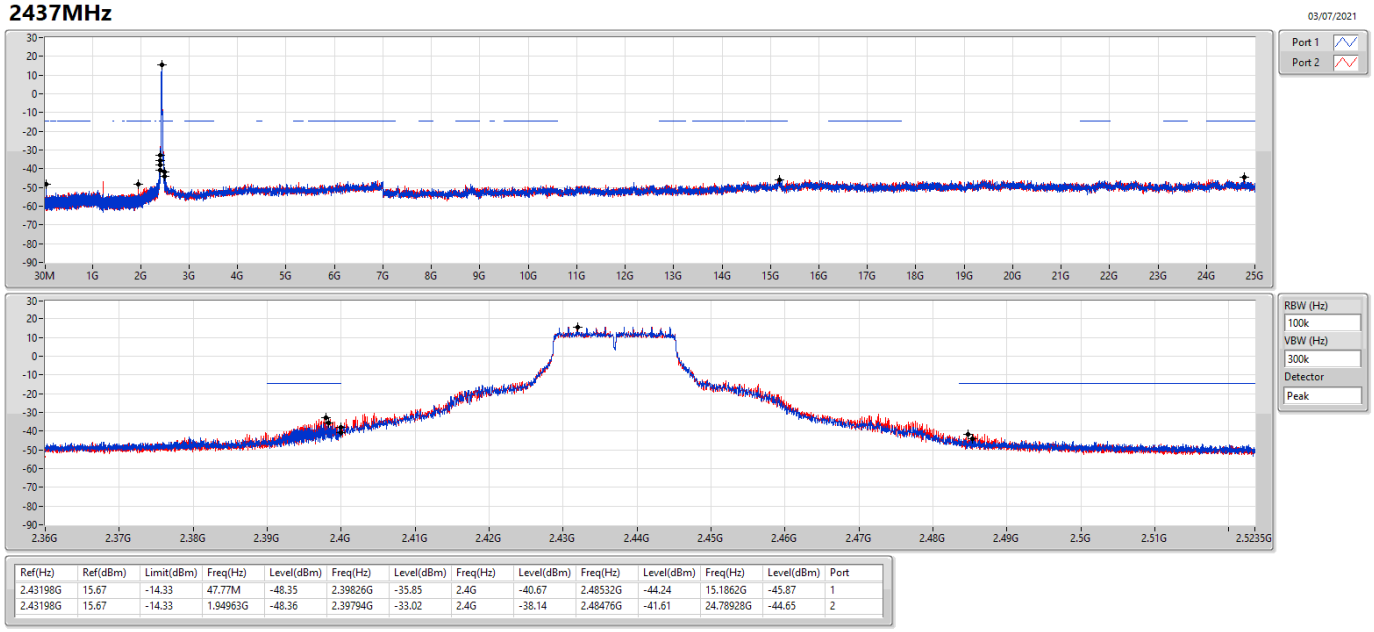
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	15.67	-14.33	47.77M	-49.02	2.39932G	-35.47	2.4G	-35.23	2.49558G	-47.65	24.52237G	-45.26	1
2.43198G	15.67	-14.33	1.92953G	-49.93	2.39948G	-30.76	2.4G	-32.82	2.49198G	-48.42	14.13542G	-45.51	2

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

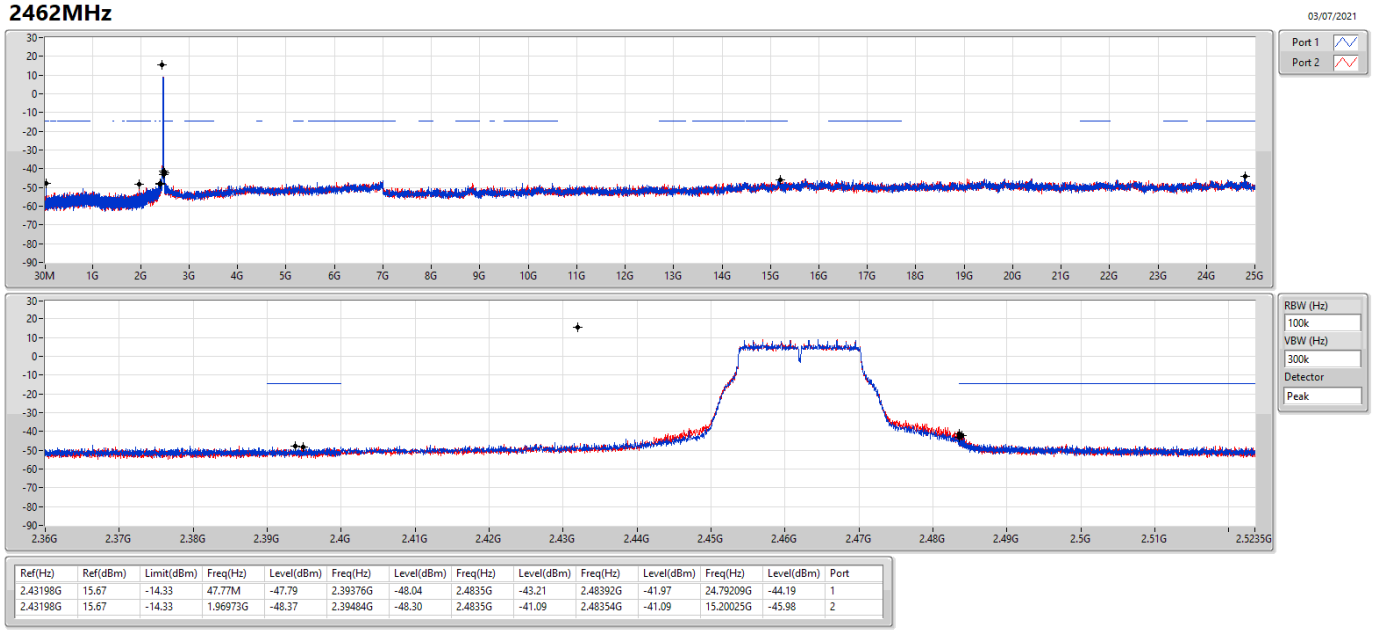
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	15.67	-14.33	47.77M	-48.35	2.39826G	-35.85	2.4G	-40.67	2.48532G	-44.24	15.1862G	-45.87	1
2.43198G	15.67	-14.33	1.94963G	-48.36	2.39794G	-33.02	2.4G	-38.14	2.48476G	-41.61	24.78928G	-44.65	2

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

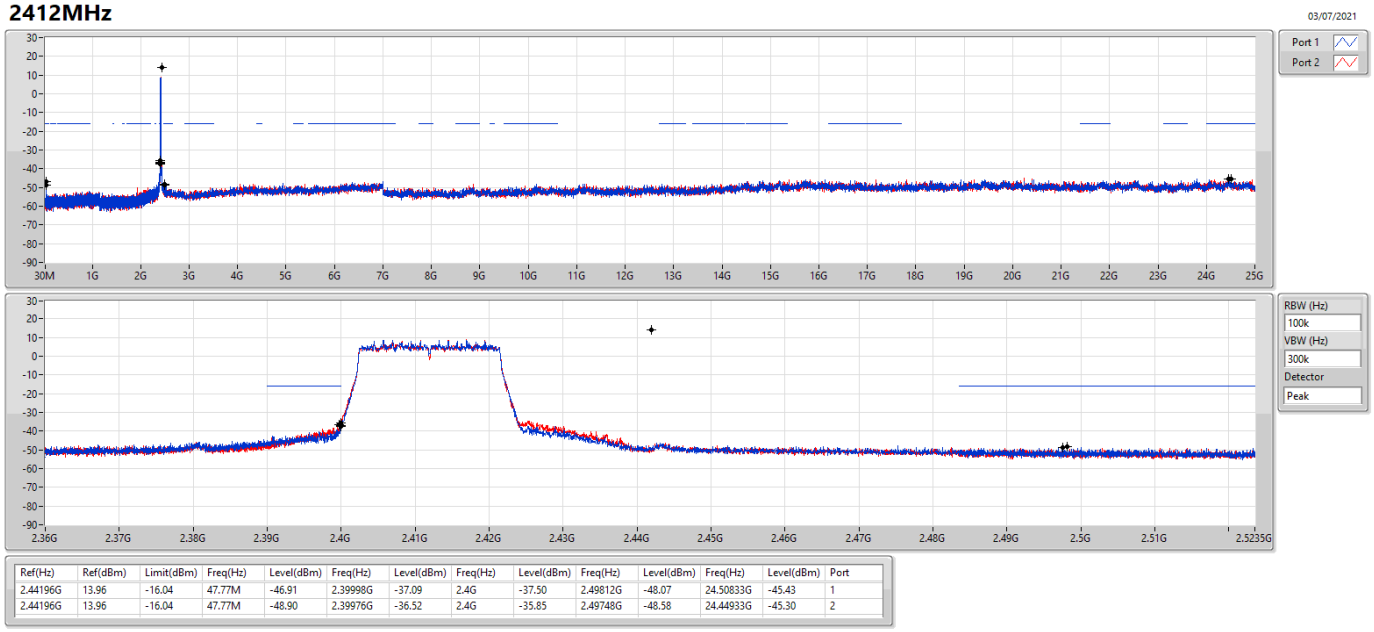
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	15.67	-14.33	47.77M	-47.79	2.39376G	-48.04	2.4835G	-43.21	2.48392G	-41.97	24.79209G	-44.19	1
2.43198G	15.67	-14.33	1.96973G	-48.37	2.39484G	-48.30	2.4835G	-41.09	2.48354G	-41.09	15.20025G	-45.98	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

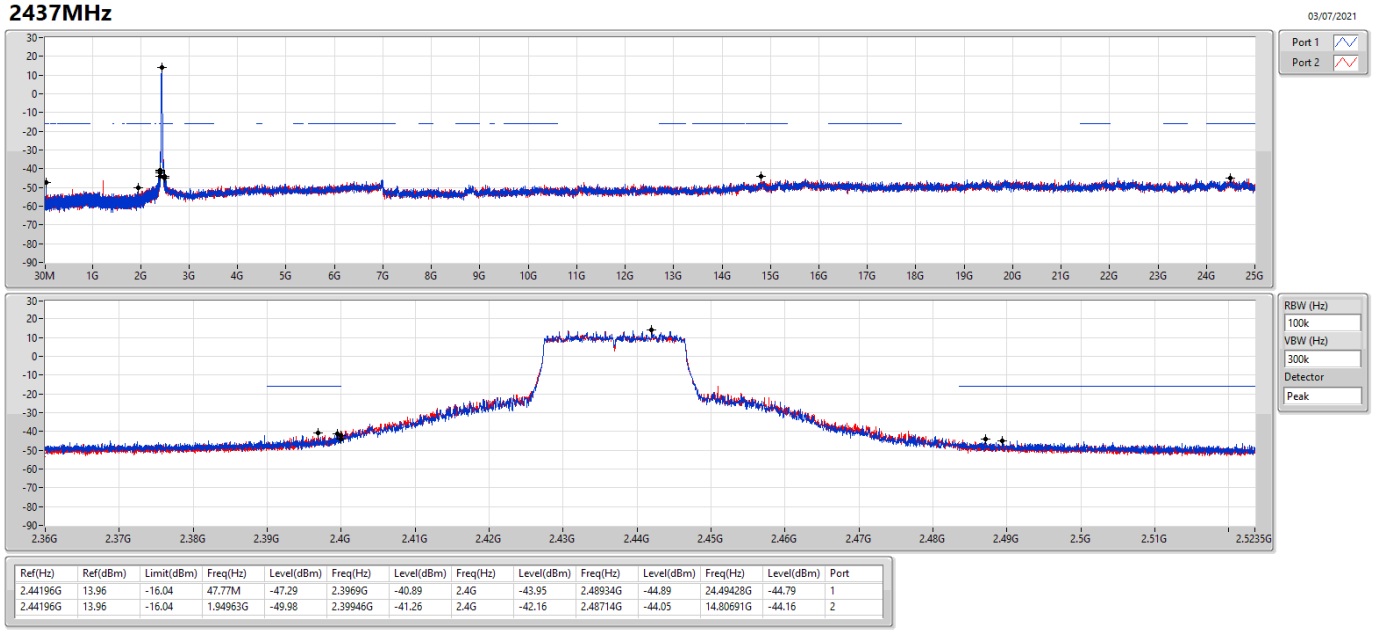
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	13.96	-16.04	47.77M	-46.91	2.39998G	-37.09	2.4G	-37.50	2.49812G	-48.07	24.50833G	-45.43	1
2.44196G	13.96	-16.04	47.77M	-48.90	2.39976G	-36.52	2.4G	-35.85	2.49748G	-48.58	24.44933G	-45.30	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

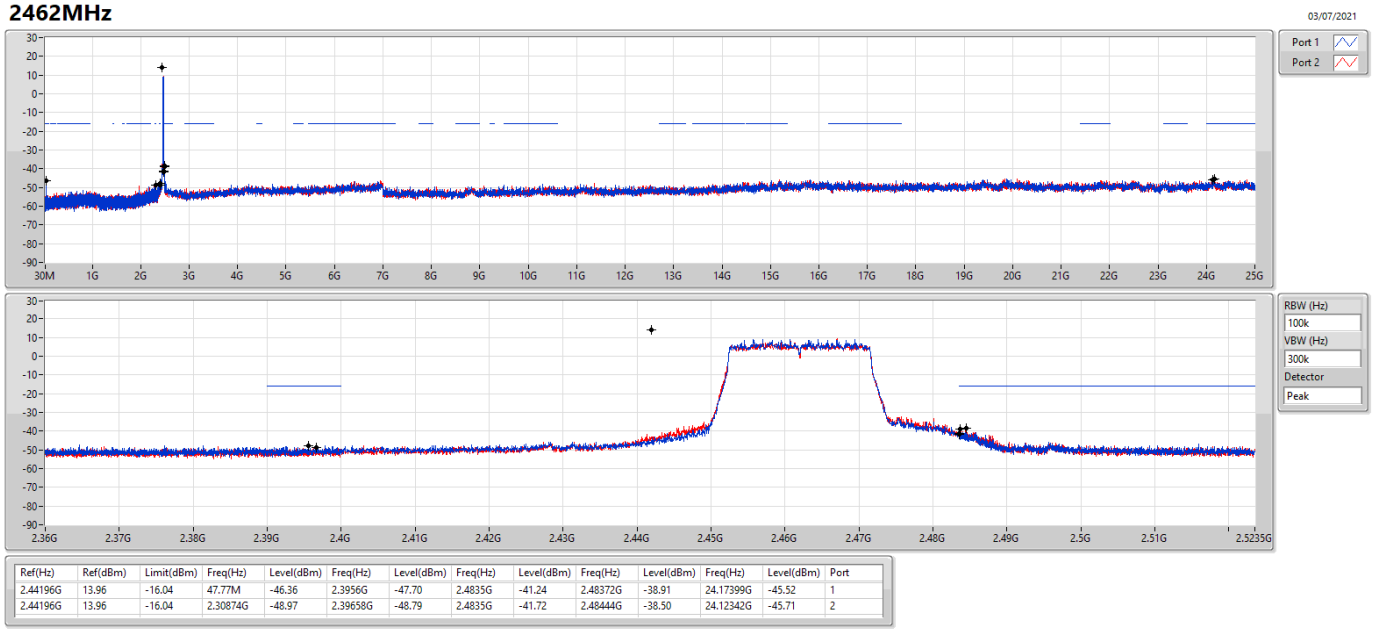
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	13.96	-16.04	47.77M	-47.29	2.3969G	-40.89	2.4G	-43.95	2.48934G	-44.89	24.49428G	-44.79	1
2.44196G	13.96	-16.04	1.94963G	-49.98	2.39946G	-41.26	2.4G	-42.16	2.48714G	-44.05	14.80691G	-44.16	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

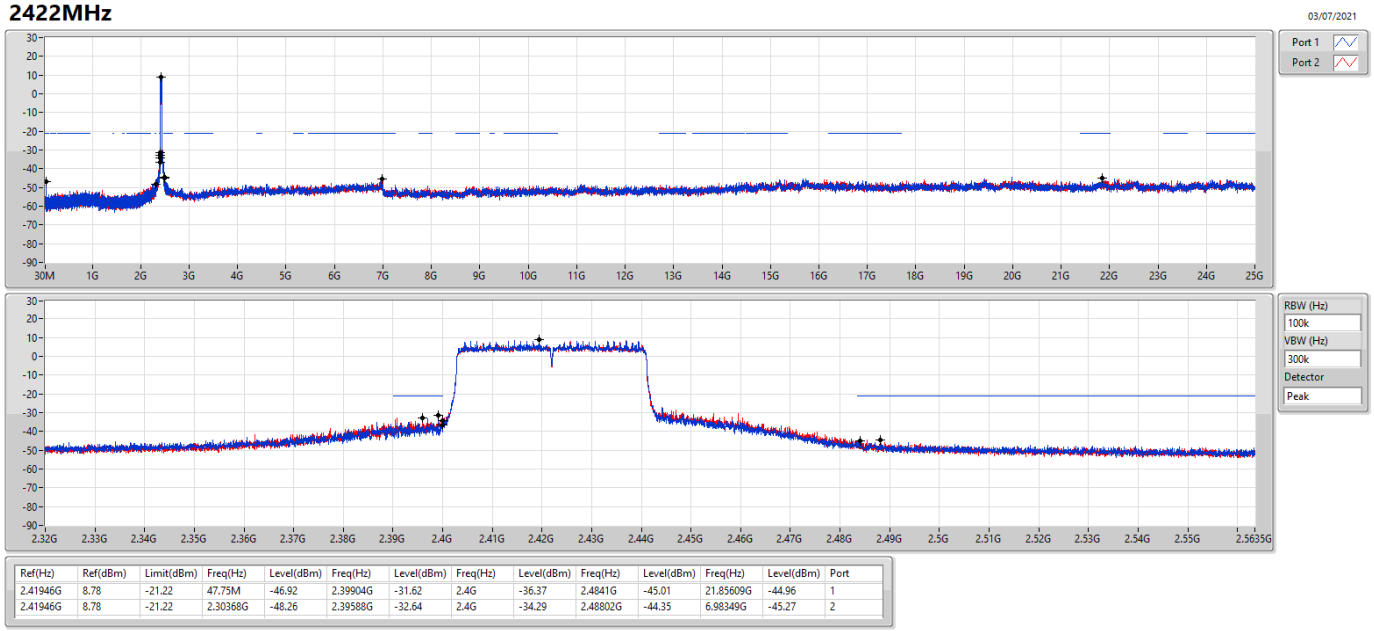
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	13.96	-16.04	47.77M	-46.36	2.3956G	-47.70	2.4835G	-41.24	2.48372G	-38.91	24.17399G	-45.52	1
2.44196G	13.96	-16.04	2.30874G	-48.97	2.39658G	-48.79	2.4835G	-41.72	2.48444G	-38.50	24.12342G	-45.71	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

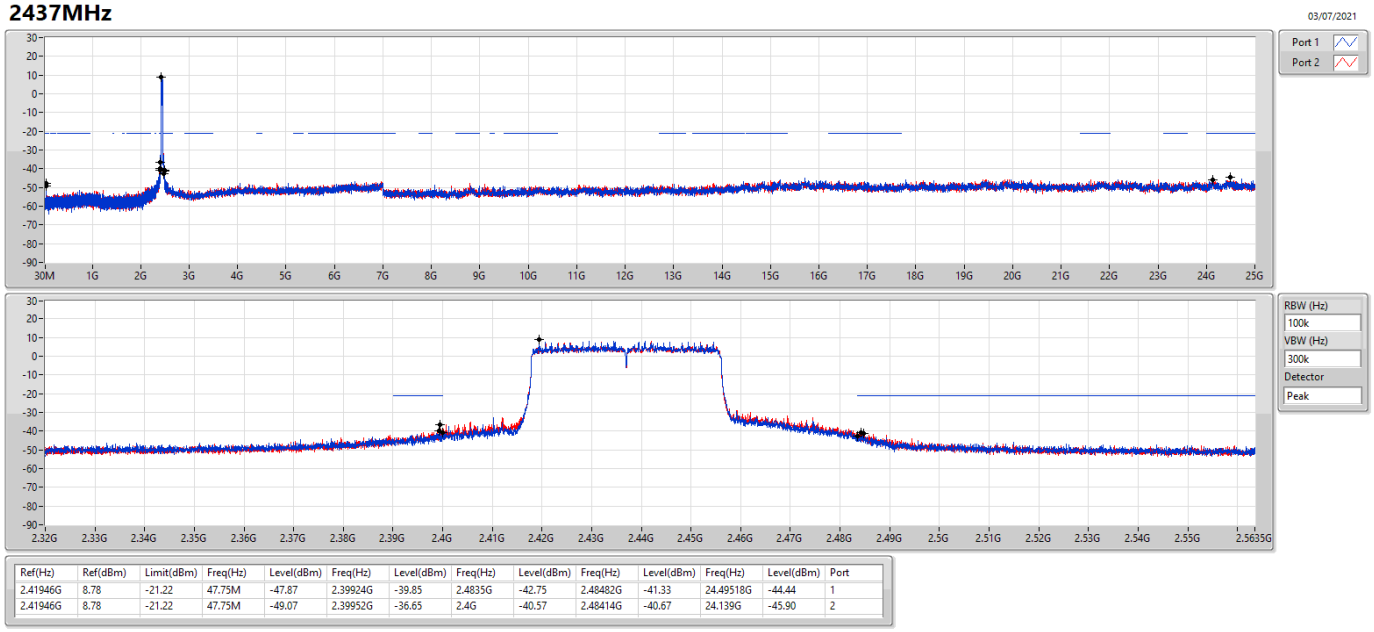
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41946G	8.78	-21.22	47.75M	-46.92	2.39904G	-31.62	2.4G	-36.37	2.4841G	-45.01	21.85609G	-44.96	1
2.41946G	8.78	-21.22	2.30368G	-48.26	2.39588G	-32.64	2.4G	-34.29	2.48802G	-44.35	6.98349G	-45.27	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

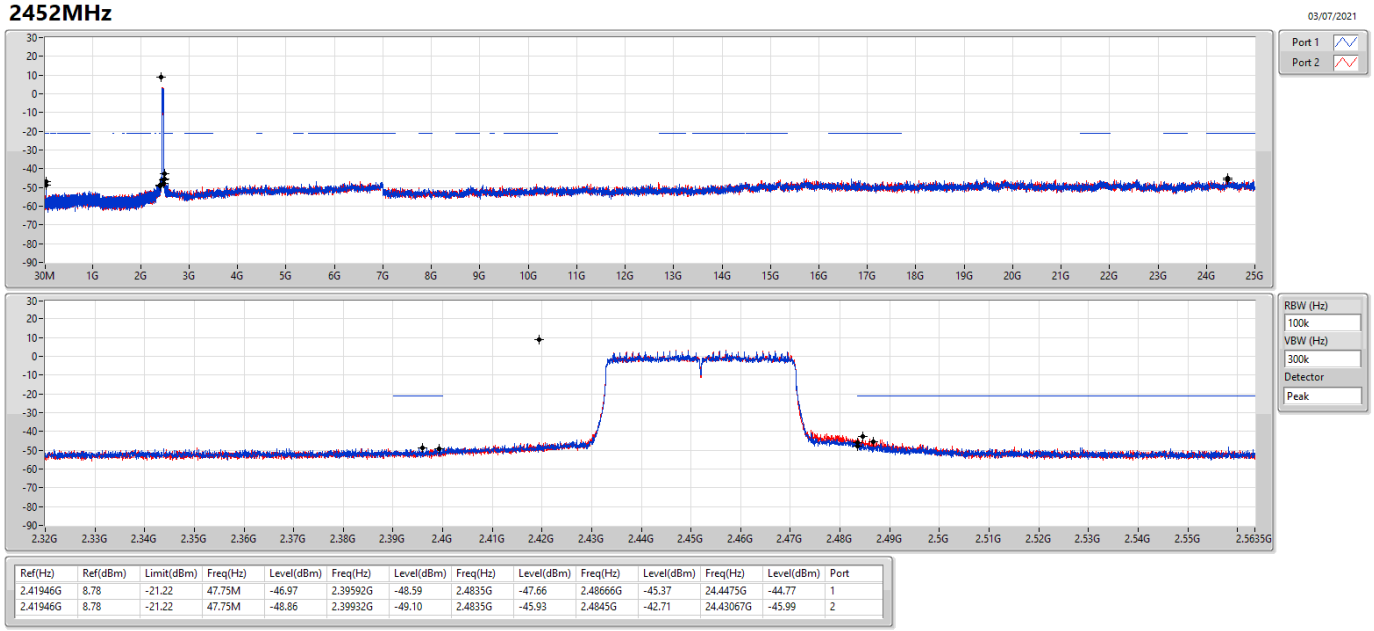
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41946G	8.78	-21.22	47.75M	-47.87	2.39924G	-39.85	2.4835G	-42.75	2.48482G	-41.33	24.49518G	-44.44	1
2.41946G	8.78	-21.22	47.75M	-49.07	2.39952G	-36.65	2.4G	-40.57	2.48414G	-40.67	24.139G	-45.90	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41946G	8.78	-21.22	47.75M	-46.97	2.39592G	-48.59	2.4835G	-47.66	2.48666G	-45.37	24.4475G	-44.77	1
2.41946G	8.78	-21.22	47.75M	-48.86	2.39932G	-49.10	2.4835G	-45.93	2.4845G	-42.71	24.43067G	-45.99	2

For 2T2S
Summary

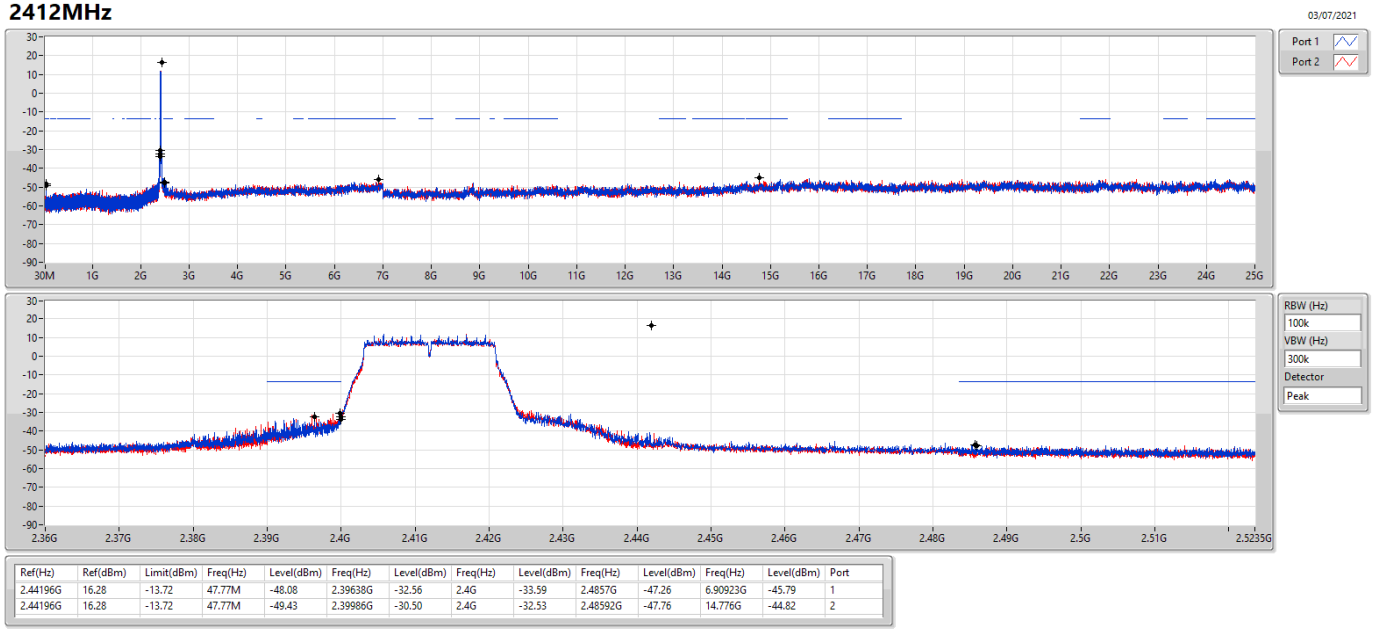
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss2,(MCS0)_2TX	Pass	2.44196G	16.28	-13.72	47.77M	-49.43	2.39986G	-30.50	2.4G	-32.53	2.48592G	-47.76	14.776G	-44.82	2
802.11n HT40_Nss2,(MCS0)_2TX	Pass	2.44071G	7.33	-22.67	2.30626G	-49.39	2.39992G	-37.23	2.4G	-39.94	2.49558G	-47.97	15.19805G	-45.72	2
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.44196G	15.81	-14.19	1.92982G	-49.23	2.3997G	-33.20	2.4G	-33.95	2.4841G	-47.91	15.18058G	-45.09	2
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.43198G	7.16	-22.84	2.18432G	-50.74	2.397G	-36.91	2.4G	-40.57	2.4835G	-47.53	15.18403G	-44.75	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	16.28	-13.72	47.77M	-48.08	2.39638G	-32.56	2.4G	-33.59	2.4857G	-47.26	6.90923G	-45.79	1
2412MHz	Pass	2.44196G	16.28	-13.72	47.77M	-49.43	2.39986G	-30.50	2.4G	-32.53	2.48592G	-47.76	14.776G	-44.82	2
2437MHz	Pass	2.44196G	16.28	-13.72	47.77M	-47.20	2.39884G	-33.60	2.4G	-36.32	2.48354G	-40.97	15.19463G	-45.50	1
2437MHz	Pass	2.44196G	16.28	-13.72	47.77M	-48.79	2.3982G	-34.11	2.4G	-39.22	2.48594G	-41.52	15.19182G	-44.48	2
2462MHz	Pass	2.44196G	16.28	-13.72	47.77M	-48.14	2.39372G	-47.37	2.4835G	-44.31	2.48452G	-42.01	15.20025G	-45.44	1
2462MHz	Pass	2.44196G	16.28	-13.72	47.77M	-47.86	2.3952G	-49.36	2.4835G	-43.69	2.48442G	-40.03	24.79771G	-44.28	2
802.11n HT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44071G	7.33	-22.67	47.75M	-47.98	2.39996G	-39.33	2.4G	-39.44	2.48566G	-47.43	24.42226G	-44.96	1
2422MHz	Pass	2.44071G	7.33	-22.67	2.30626G	-49.39	2.39992G	-37.23	2.4G	-39.94	2.49558G	-47.97	15.19805G	-45.72	2
2437MHz	Pass	2.44071G	7.33	-22.67	47.75M	-46.47	2.39672G	-42.98	2.4G	-43.46	2.4845G	-43.88	24.46994G	-45.73	1
2437MHz	Pass	2.44071G	7.33	-22.67	2.15999G	-49.76	2.39944G	-39.06	2.4G	-45.02	2.48446G	-44.55	15.19525G	-45.53	2
2452MHz	Pass	2.44071G	7.33	-22.67	47.75M	-48.42	2.39588G	-49.14	2.4835G	-45.26	2.48358G	-41.90	24.44189G	-45.01	1
2452MHz	Pass	2.44071G	7.33	-22.67	47.75M	-49.31	2.397G	-47.76	2.4835G	-44.60	2.48366G	-42.18	24.46994G	-45.56	2
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	15.81	-14.19	47.77M	-48.01	2.4G	-35.65	2.4G	-38.39	2.48878G	-48.46	6.99632G	-45.87	1
2412MHz	Pass	2.44196G	15.81	-14.19	1.92982G	-49.23	2.3997G	-33.20	2.4G	-33.95	2.4841G	-47.91	15.18058G	-45.09	2
2437MHz	Pass	2.44196G	15.81	-14.19	47.77M	-48.22	2.39952G	-36.27	2.4G	-39.74	2.4844G	-38.09	14.8041G	-46.09	1
2437MHz	Pass	2.44196G	15.81	-14.19	47.77M	-50.10	2.39726G	-33.76	2.4G	-36.84	2.4839G	-39.07	21.86453G	-45.55	2
2462MHz	Pass	2.44196G	15.81	-14.19	47.77M	-47.61	2.39992G	-48.94	2.4835G	-42.94	2.4853G	-43.47	24.40999G	-45.25	1
2462MHz	Pass	2.44196G	15.81	-14.19	1.96973G	-47.68	2.39762G	-48.37	2.4835G	-44.07	2.48406G	-40.41	24.1487G	-45.87	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	7.16	-22.84	47.75M	-48.46	2.39824G	-40.32	2.4G	-43.68	2.52818G	-47.51	24.19509G	-45.44	1
2422MHz	Pass	2.43198G	7.16	-22.84	2.18432G	-50.74	2.397G	-36.91	2.4G	-40.57	2.4835G	-47.53	15.18403G	-44.75	2
2437MHz	Pass	2.43198G	7.16	-22.84	47.75M	-48.41	2.39952G	-41.69	2.4835G	-45.54	2.48394G	-44.43	21.73549G	-45.99	1
2437MHz	Pass	2.43198G	7.16	-22.84	47.75M	-49.14	2.39948G	-41.08	2.4835G	-44.05	2.48422G	-42.84	24.42787G	-46.17	2
2452MHz	Pass	2.43198G	7.16	-22.84	47.75M	-46.82	2.39892G	-48.04	2.4835G	-45.85	2.4843G	-43.44	24.40263G	-45.32	1
2452MHz	Pass	2.43198G	7.16	-22.84	2.10646G	-51.27	2.39856G	-47.81	2.4835G	-44.64	2.48398G	-41.84	24.50359G	-44.96	2

802.11n HT20_Nss2,(MCS0)_2TX **CSENdB**

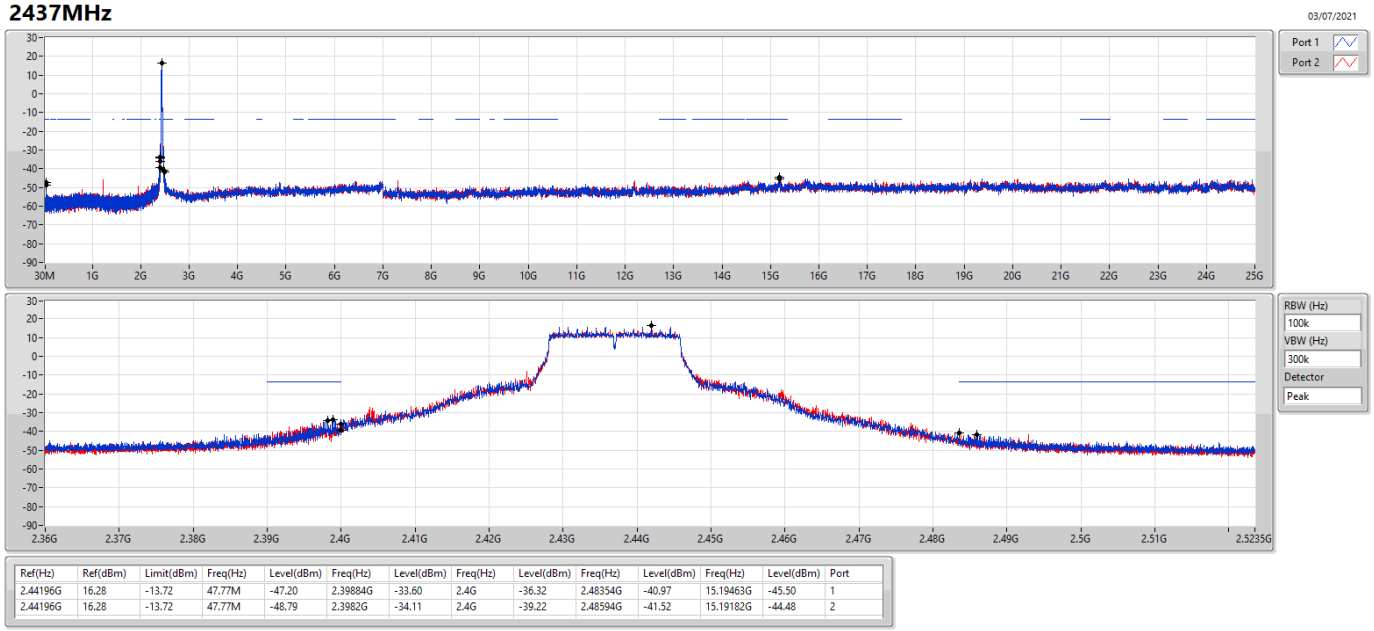
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	16.28	-13.72	47.77M	-48.08	2.39638G	-32.56	2.4G	-33.59	2.4857G	-47.26	6.90923G	-45.79	1
2.44196G	16.28	-13.72	47.77M	-49.43	2.39986G	-30.50	2.4G	-32.53	2.48592G	-47.76	14.776G	-44.82	2

802.11n HT20_Nss2,(MCS0)_2TX **CSENdB**

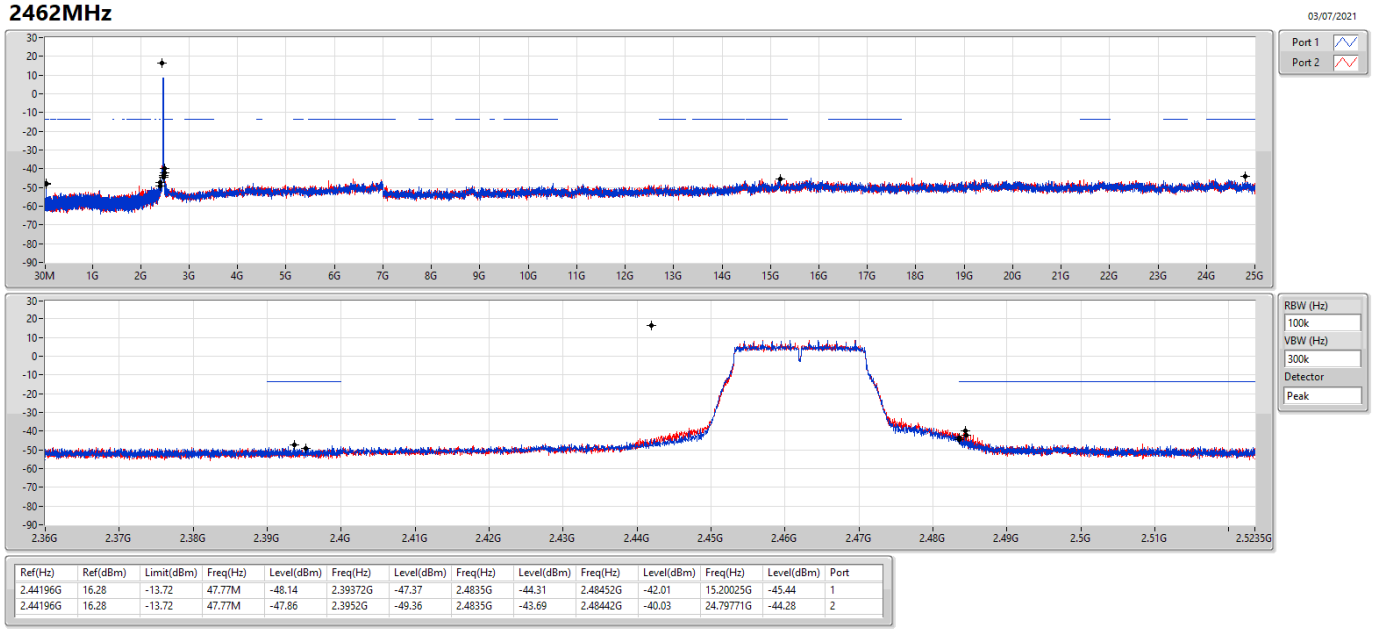
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	16.28	-13.72	47.77M	-47.20	2.39884G	-33.60	2.4G	-36.32	2.48354G	-40.97	15.19463G	-45.50	1
2.44196G	16.28	-13.72	47.77M	-48.79	2.3982G	-34.11	2.4G	-39.22	2.48594G	-41.52	15.19182G	-44.48	2

802.11n HT20_Nss2,(MCS0)_2TX **CSENdB**

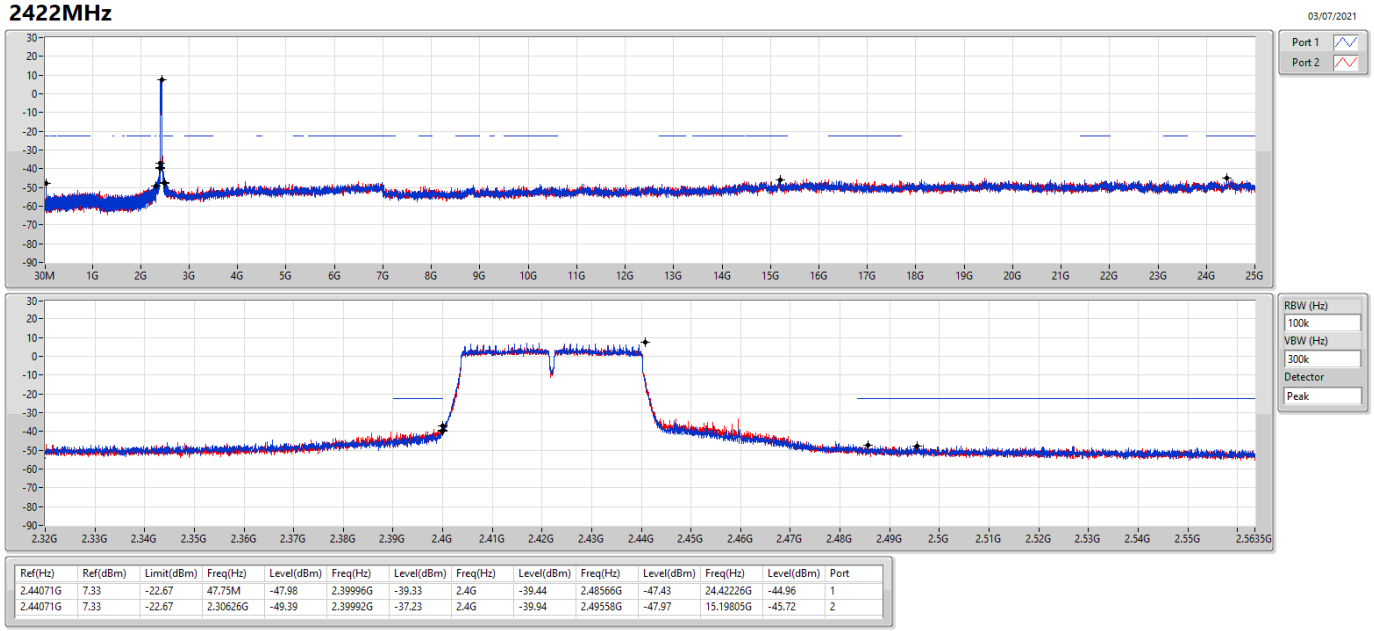
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	16.28	-13.72	47.77M	-48.14	2.39372G	-47.37	2.4835G	-44.31	2.48452G	-42.01	15.20025G	-45.44	1
2.44196G	16.28	-13.72	47.77M	-47.86	2.3952G	-49.36	2.4835G	-43.69	2.48442G	-40.03	24.79771G	-44.28	2

802.11n HT40_Nss2,(MCS0)_2TX **CSENdB**

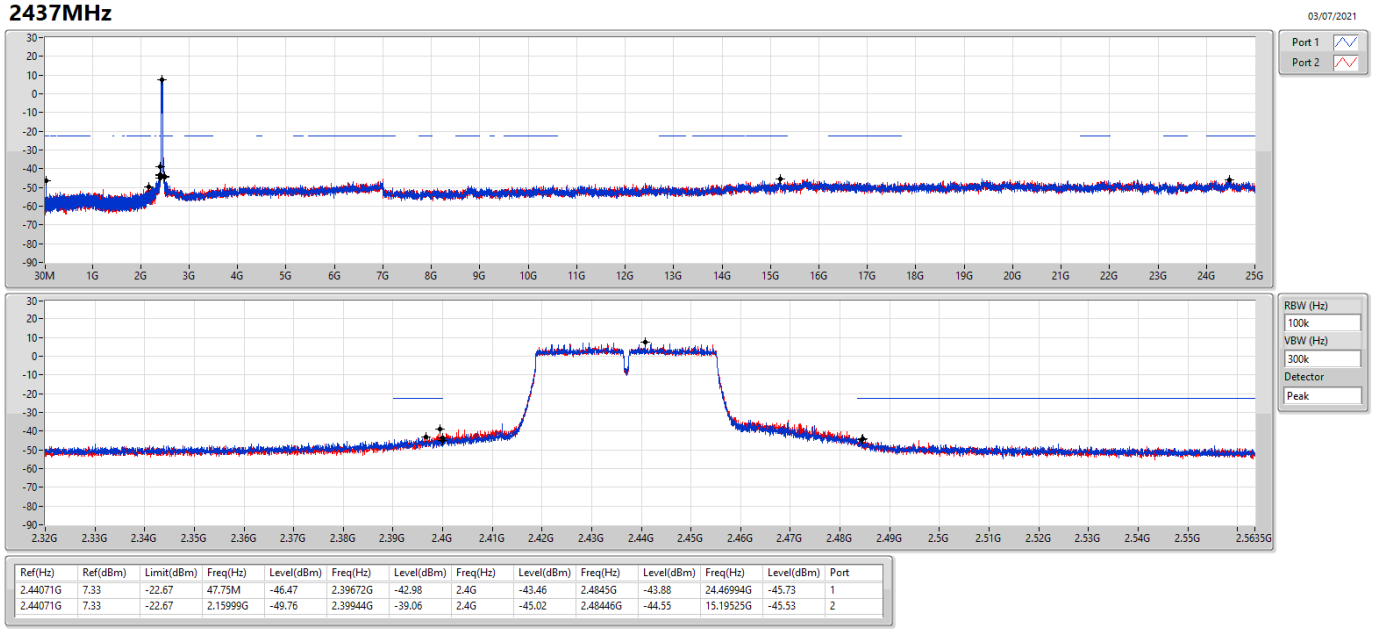
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44071G	7.33	-22.67	47.75M	-47.98	2.39996G	-39.33	2.4G	-39.44	2.48566G	-47.43	24.42226G	-44.96	1
2.44071G	7.33	-22.67	2.30626G	-49.39	2.39992G	-37.23	2.4G	-39.94	2.49558G	-47.97	15.19805G	-45.72	2

802.11n HT40_Nss2,(MCS0)_2TX **CSENdB**

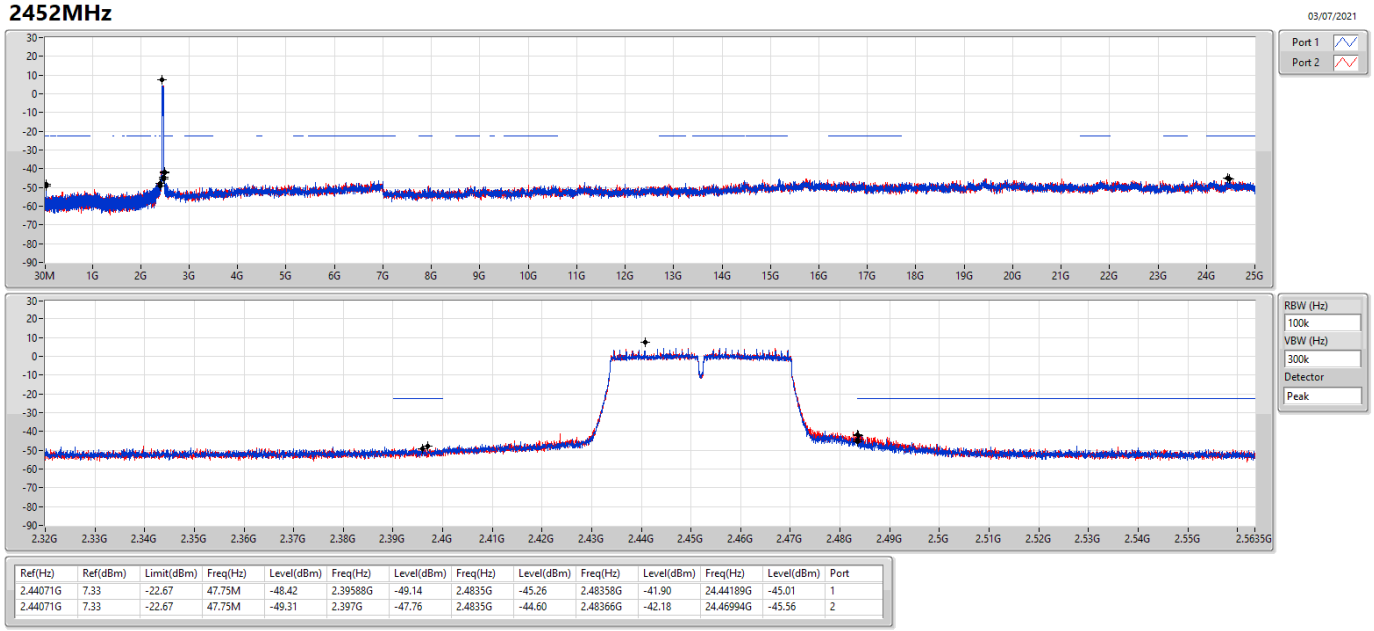
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44071G	7.33	-22.67	47.75M	-46.47	2.39672G	-42.98	2.4G	-43.46	2.4845G	-43.88	24.46994G	-45.73	1
2.44071G	7.33	-22.67	2.15999G	-49.76	2.39944G	-39.06	2.4G	-45.02	2.48446G	-44.55	15.19525G	-45.53	2

802.11n HT40_Nss2,(MCS0)_2TX **CSENdB**

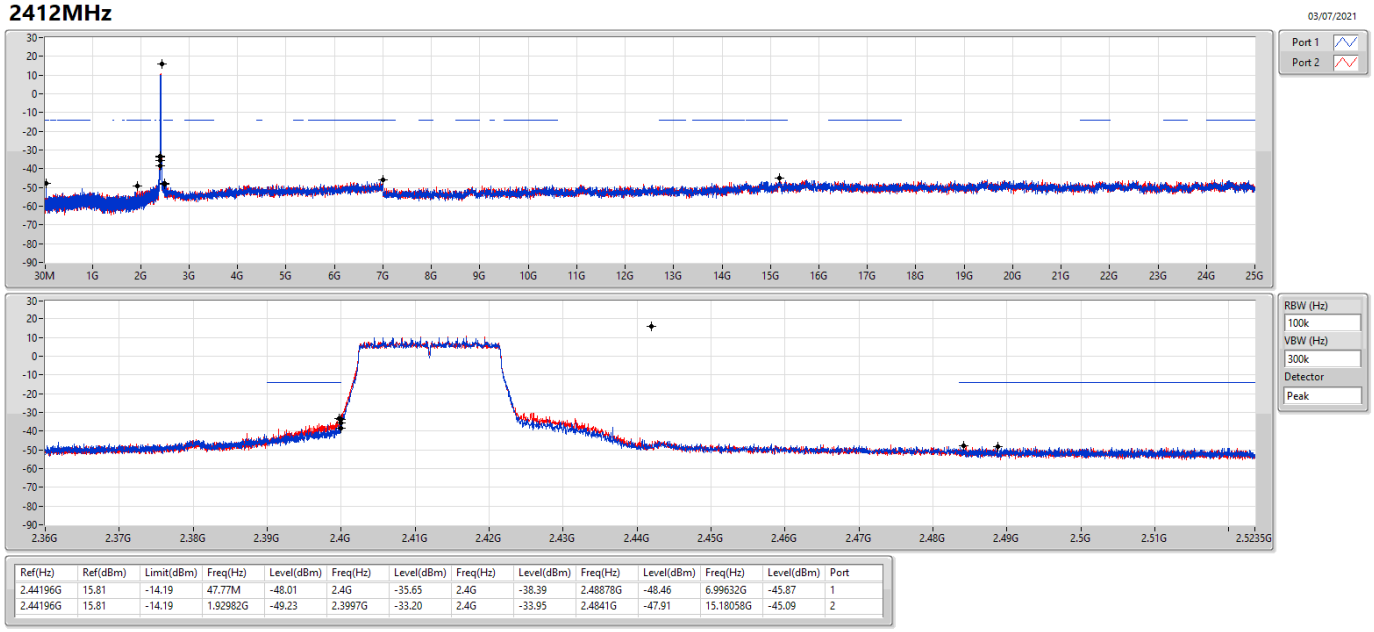
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44071G	7.33	-22.67	47.75M	-48.42	2.39588G	-49.14	2.4835G	-45.26	2.48358G	-41.90	24.44189G	-45.01	1
2.44071G	7.33	-22.67	47.75M	-49.31	2.397G	-47.76	2.4835G	-44.60	2.48366G	-42.18	24.46994G	-45.56	2

802.11ax HEW20_Nss2,(MCS0)_2TX **CSENdB**

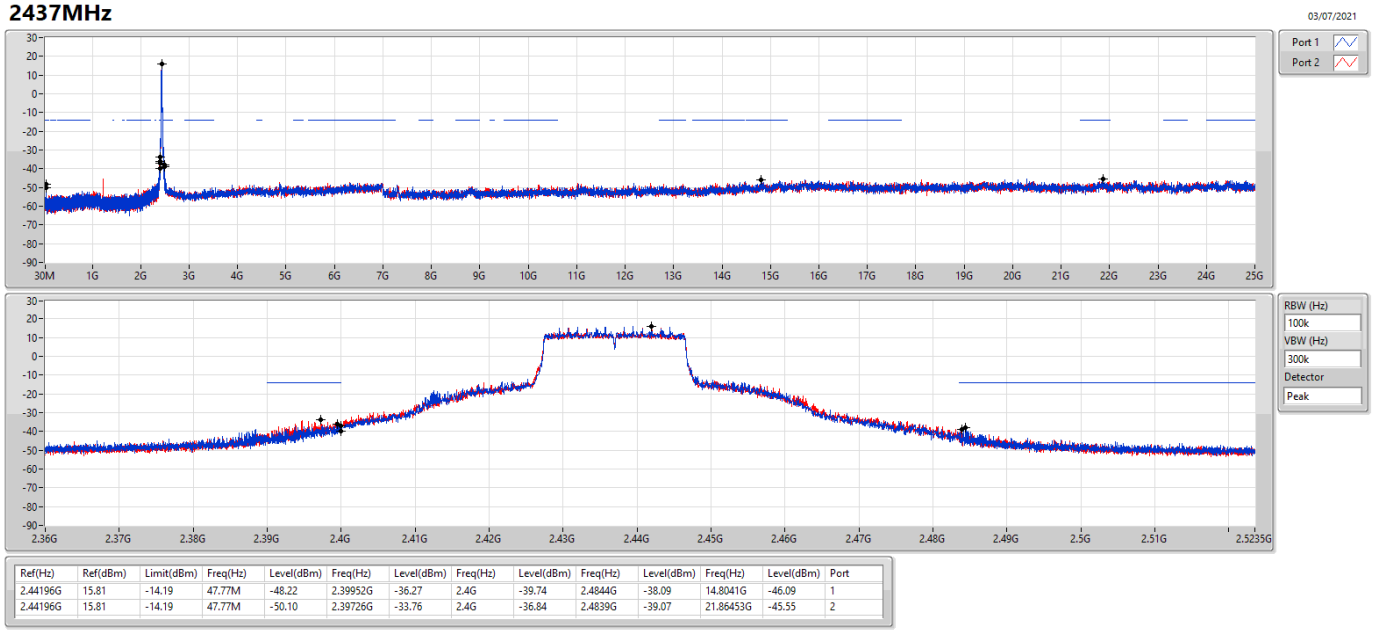
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	15.81	-14.19	47.77M	-48.01	2.4G	-35.65	2.4G	-38.39	2.48878G	-48.46	6.99632G	-45.87	1
2.44196G	15.81	-14.19	1.92982G	-49.23	2.3997G	-33.20	2.4G	-33.95	2.4841G	-47.91	15.18058G	-45.09	2

802.11ax HEW20_Nss2,(MCS0)_2TX **CSENdB**

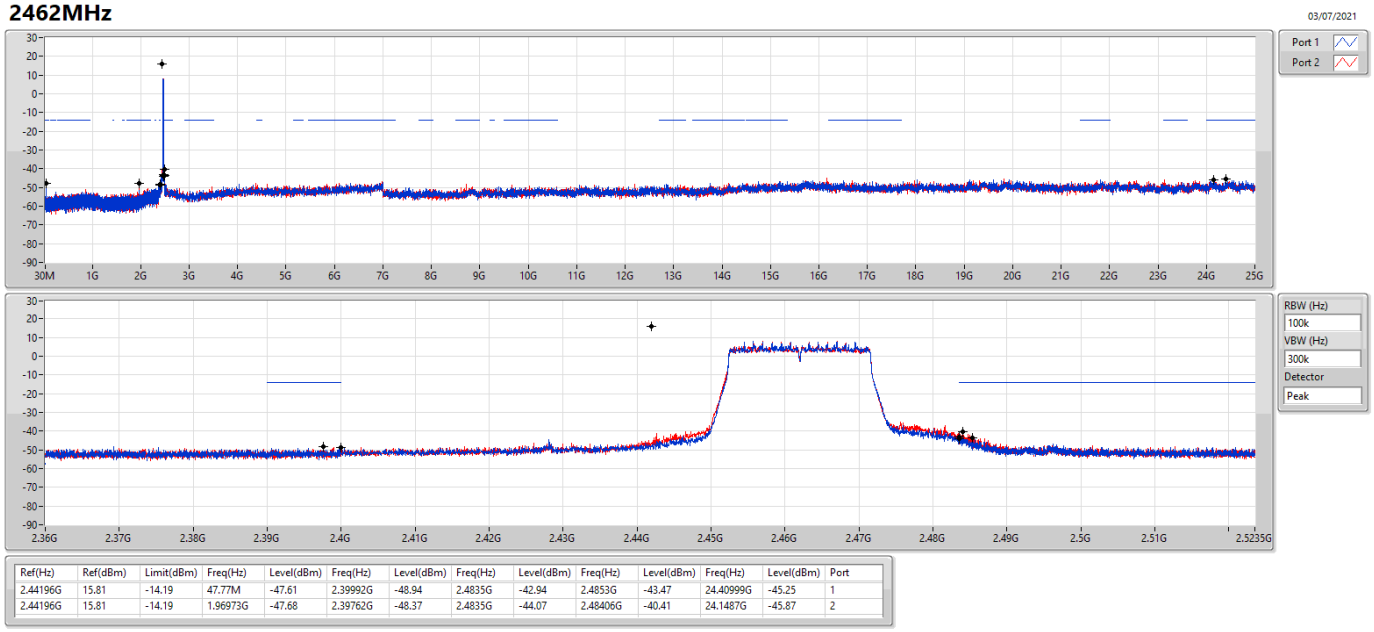
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	15.81	-14.19	47.77M	-48.22	2.39952G	-36.27	2.4G	-39.74	2.4844G	-38.09	14.8041G	-46.09	1
2.44196G	15.81	-14.19	47.77M	-50.10	2.39726G	-33.76	2.4G	-36.84	2.4839G	-39.07	21.86453G	-45.55	2

802.11ax HEW20_Nss2,(MCS0)_2TX **CSENdB**

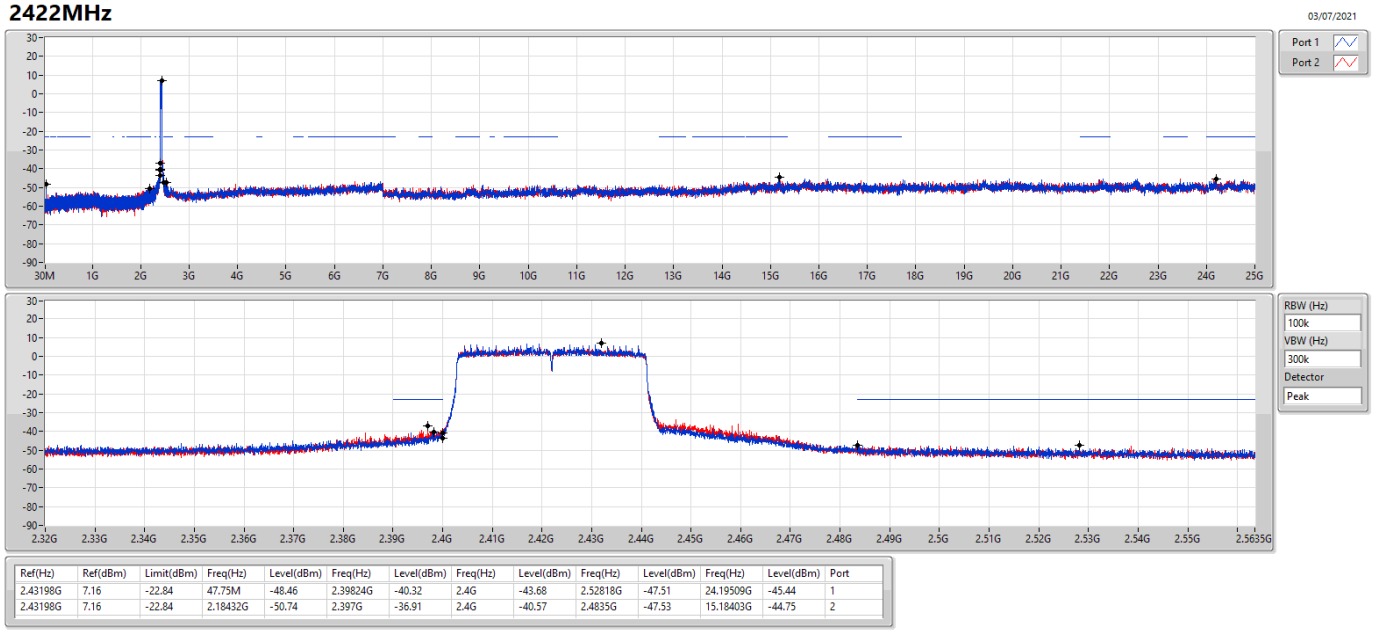
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	15.81	-14.19	47.77M	-47.61	2.39992G	-48.94	2.4835G	-42.94	2.4853G	-43.47	24.40999G	-45.25	1
2.44196G	15.81	-14.19	1.96973G	-47.68	2.39762G	-48.37	2.4835G	-44.07	2.48406G	-40.41	24.1487G	-45.87	2

802.11ax HEW40_Nss2,(MCS0)_2TX **CSENdB**

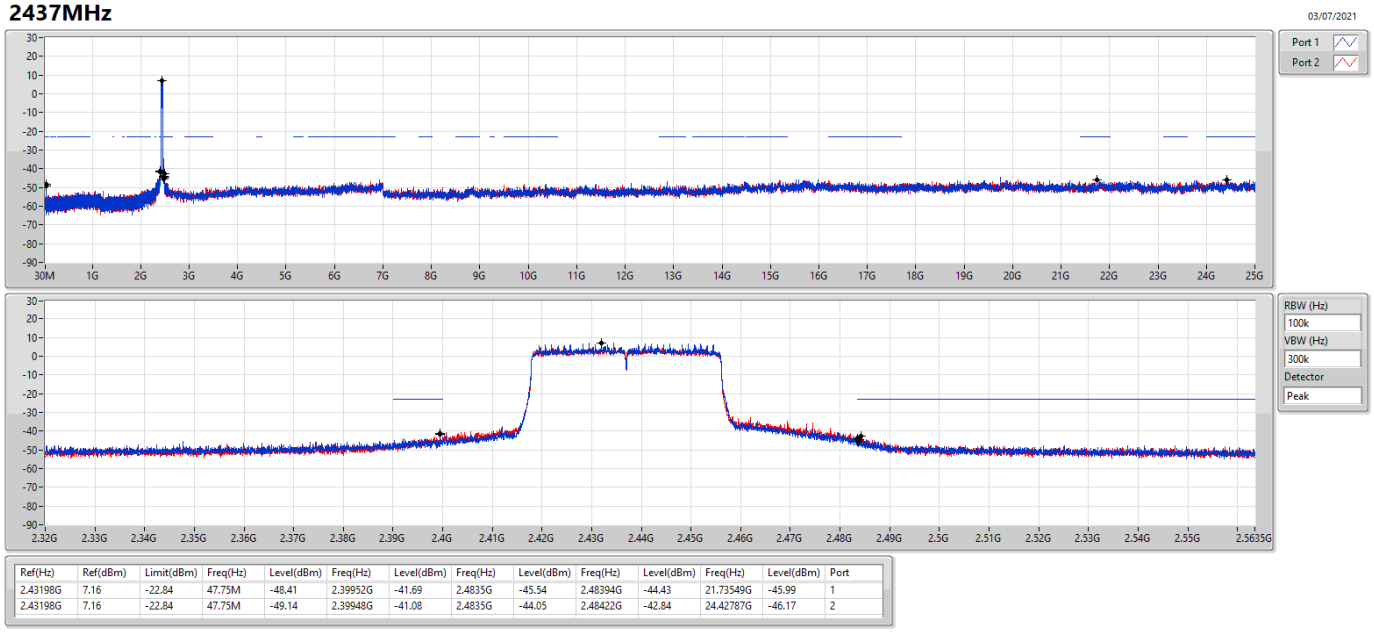
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.16	-22.84	47.75M	-48.46	2.39824G	-40.32	2.4G	-43.68	2.52818G	-47.51	24.19509G	-45.44	1
2.43198G	7.16	-22.84	2.18432G	-50.74	2.397G	-36.91	2.4G	-40.57	2.4835G	-47.53	15.18403G	-44.75	2

802.11ax HEW40_Nss2,(MCS0)_2TX **CSENdB**

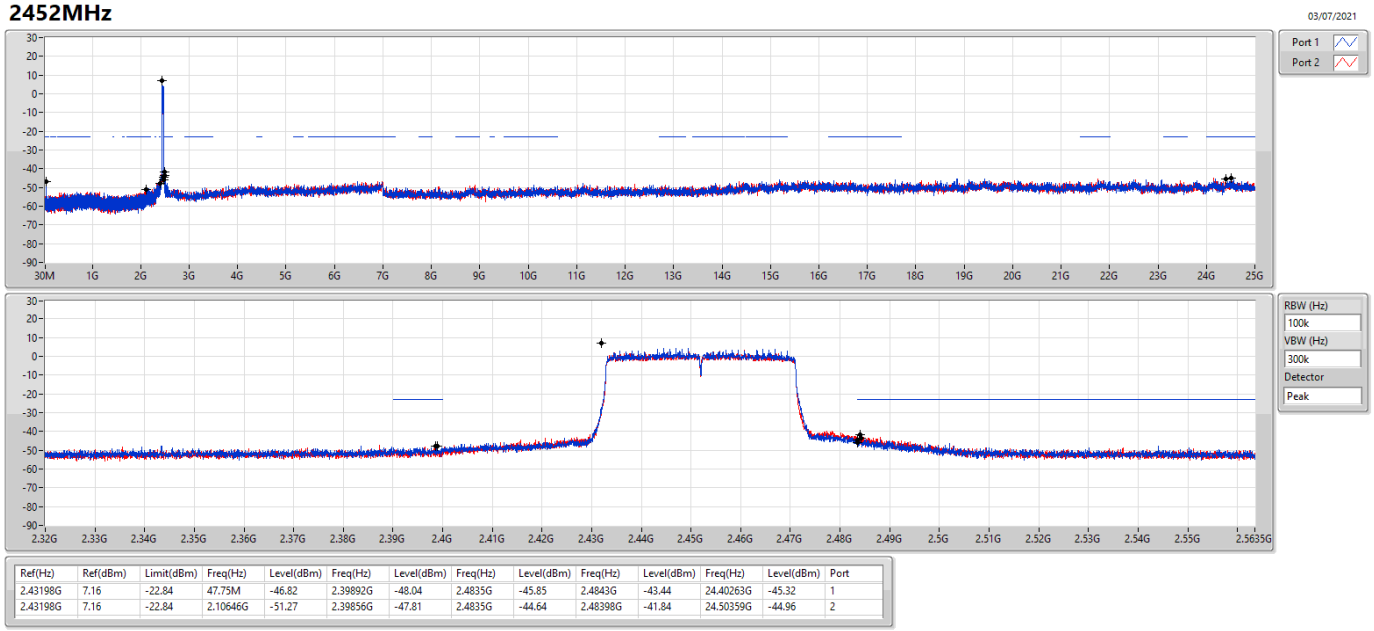
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.16	-22.84	47.75M	-48.41	2.39952G	-41.69	2.4835G	-45.54	2.48394G	-44.43	21.73549G	-45.99	1
2.43198G	7.16	-22.84	47.75M	-49.14	2.39948G	-41.08	2.4835G	-44.05	2.48422G	-42.84	24.42787G	-46.17	2

802.11ax HEW40_Nss2,(MCS0)_2TX **CSENdB**

2452MHz

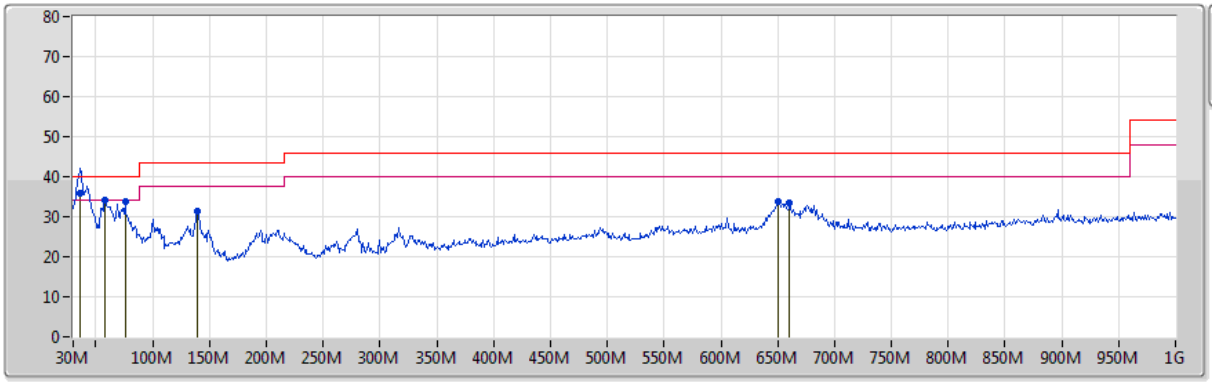


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.16	-22.84	47.75M	-46.82	2.39892G	-48.04	2.4835G	-45.85	2.4843G	-43.44	24.40263G	-45.32	1
2.43198G	7.16	-22.84	2.10646G	-51.27	2.39856G	-47.81	2.4835G	-44.64	2.48398G	-41.84	24.50359G	-44.96	2

Summary

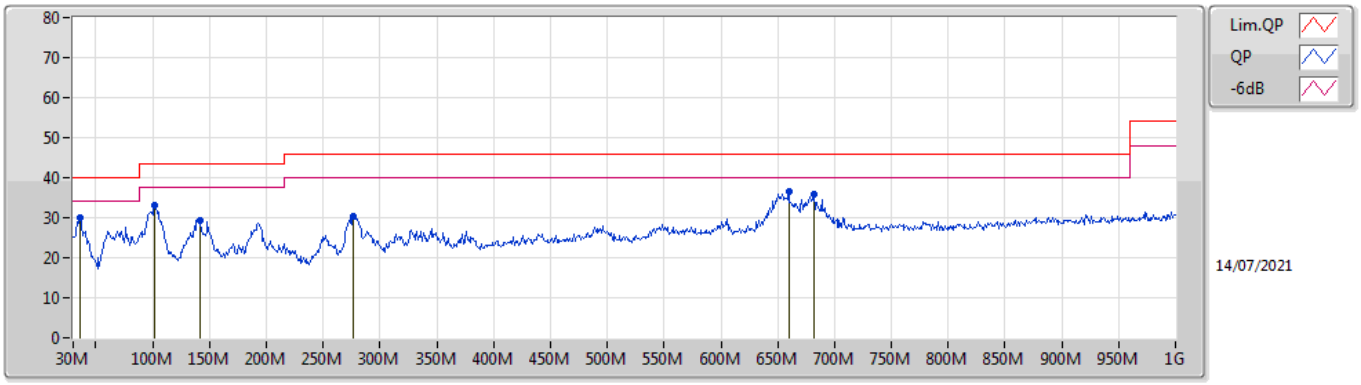
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	35.82M	35.96	40.00	-4.04	Vertical

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	35.82M	35.96	40.00	-4.04	-10.09	3	Vertical	192	1.00	"Worst"	46.05	20.99	0.52	31.60
PK	58.13M	34.02	40.00	-5.98	-18.74	3	Vertical	27	1.00	-	52.76	12.33	0.76	31.83
PK	75.59M	33.96	40.00	-6.04	-18.68	3	Vertical	210	2.00	-	52.64	12.32	0.90	31.90
PK	139.61M	31.27	43.50	-12.23	-13.75	3	Vertical	238	1.25	-	45.02	16.91	1.30	31.96
PK	650.8M	33.67	46.00	-12.33	-4.68	3	Vertical	143	1.00	-	38.35	24.56	3.30	32.54
PK	660.5M	33.61	46.00	-12.39	-4.69	3	Vertical	143	1.00	-	38.30	24.53	3.34	32.56

Mode 3



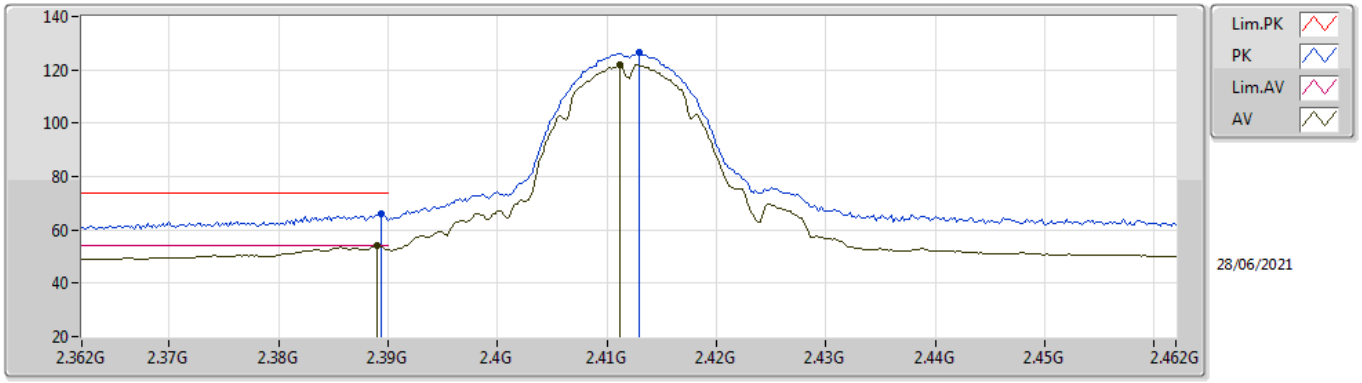
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	35.82M	30.17	40.00	-9.83	-10.09	3	Horizontal	237	1.00	-	40.26	20.99	0.52	31.60
PK	101.78M	33.01	43.50	-10.49	-13.83	3	Horizontal	134	3.00	-	46.84	16.93	1.12	31.88
PK	141.55M	29.46	43.50	-14.04	-13.78	3	Horizontal	87	2.00	-	43.24	16.87	1.31	31.96
PK	276.38M	30.29	46.00	-15.71	-11.41	3	Horizontal	0	1.00	-	41.70	18.58	2.06	32.05
PK	659.53M	36.40	46.00	-9.60	-4.69	3	Horizontal	230	1.25	"Worst"	41.09	24.53	3.34	32.56
PK	681.84M	35.81	46.00	-10.19	-4.59	3	Horizontal	230	1.25	-	40.40	24.59	3.43	32.61

For 2T1S and 2T2S / Non beamforming mode
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	AV	2.4835G	53.98	54.00	-0.02	3	Vertical	176	1.52	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

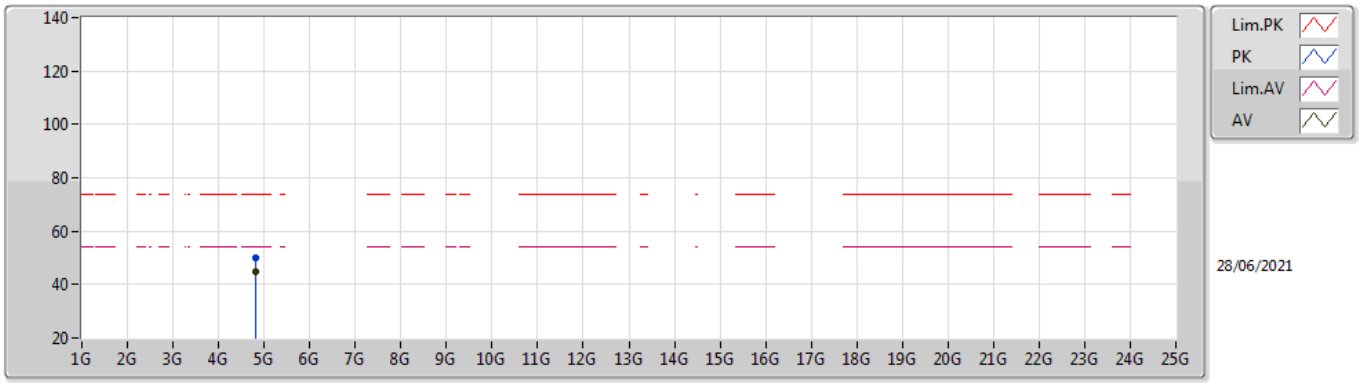


EUT Z_2TX_Dipole
Setting 109
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	65.94	74.00	-8.06	35.26	3	Vertical	163	1.66	-	27.60	3.08	-
AV	2.389G	53.95	54.00	-0.05	23.27	3	Vertical	163	1.66	-	27.60	3.08	-
PK	2.413G	126.35	Inf	-Inf	95.69	3	Vertical	163	1.66	-	27.55	3.11	-
AV	2.4112G	121.75	Inf	-Inf	91.08	3	Vertical	163	1.66	-	27.56	3.11	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

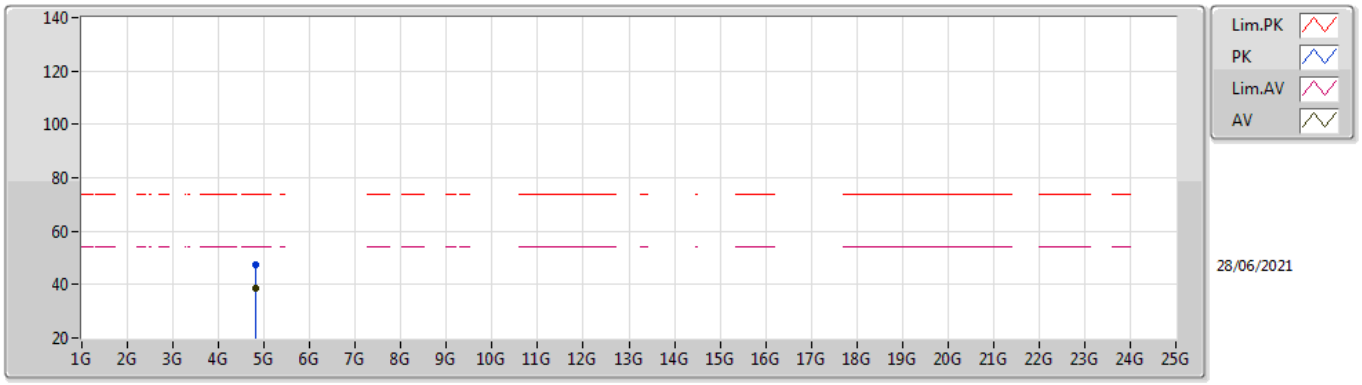


EUT Z_2TX_Dipole
Setting 109
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8238G	50.02	74.00	-23.98	45.98	3	Vertical	271	1.80	-	31.10	5.00	32.06
AV	4.82392G	44.58	54.00	-9.42	40.54	3	Vertical	271	1.80	-	31.10	5.00	32.06

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

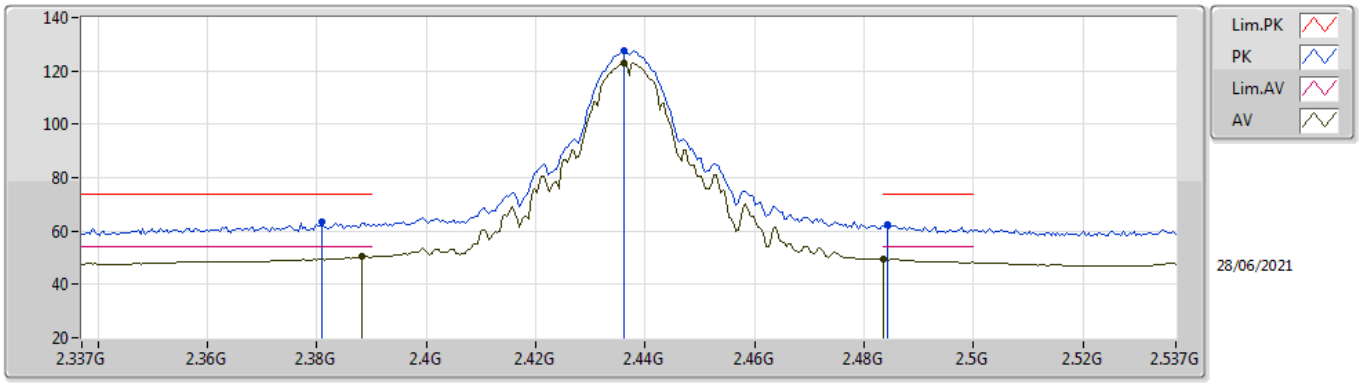


EUT Z_2TX_Dipole
Setting 109
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82392G	47.34	74.00	-26.66	43.30	3	Horizontal	334	1.00	-	31.10	5.00	32.06
AV	4.82396G	38.58	54.00	-15.42	34.54	3	Horizontal	334	1.00	-	31.10	5.00	32.06

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

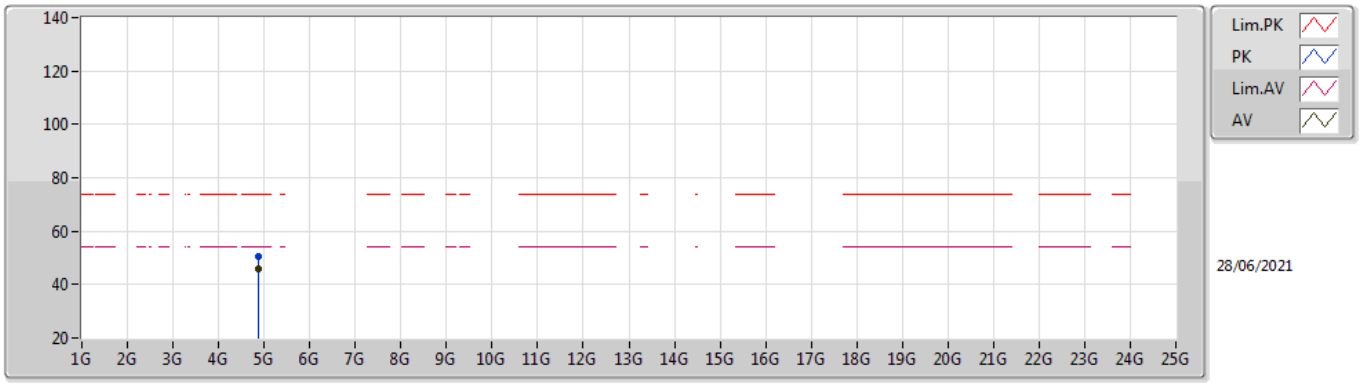


EUT Z_2TX_Dipole
Setting 120
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.381G	63.27	74.00	-10.73	32.61	3	Vertical	297	1.31	-	27.60	3.06	-
AV	2.3882G	50.75	54.00	-3.25	20.07	3	Vertical	297	1.31	-	27.60	3.08	-
PK	2.4362G	127.49	Inf	-Inf	96.89	3	Vertical	297	1.31	-	27.46	3.14	-
AV	2.4362G	122.99	Inf	-Inf	92.39	3	Vertical	297	1.31	-	27.46	3.14	-
PK	2.4842G	62.51	74.00	-11.49	31.93	3	Vertical	297	1.31	-	27.40	3.18	-
AV	2.4835G	49.51	54.00	-4.49	18.93	3	Vertical	297	1.31	-	27.40	3.18	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

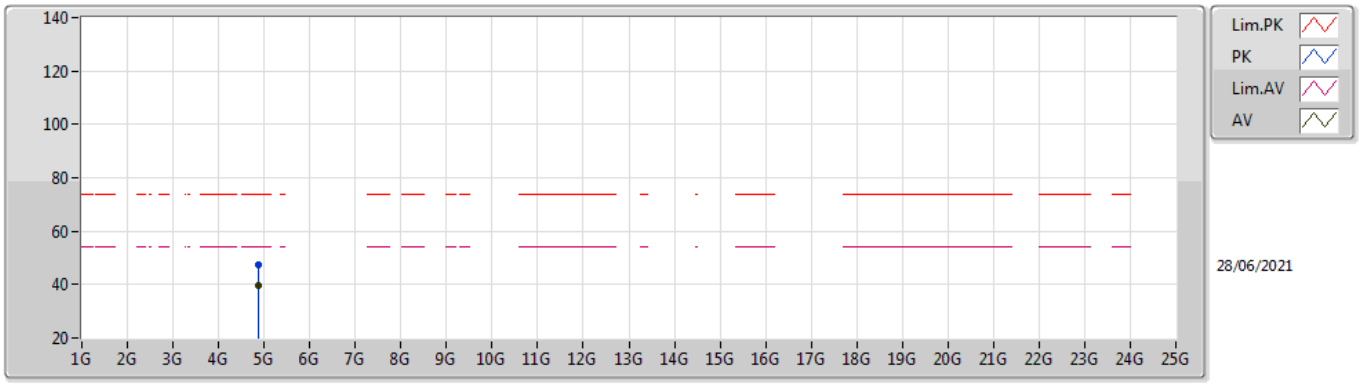


EUT Z_2TX_Dipole
Setting 120
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.874G	50.44	74.00	-23.56	46.31	3	Vertical	268	1.80	-	31.15	5.00	32.02
AV	4.87392G	45.61	54.00	-8.39	41.48	3	Vertical	268	1.80	-	31.15	5.00	32.02

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

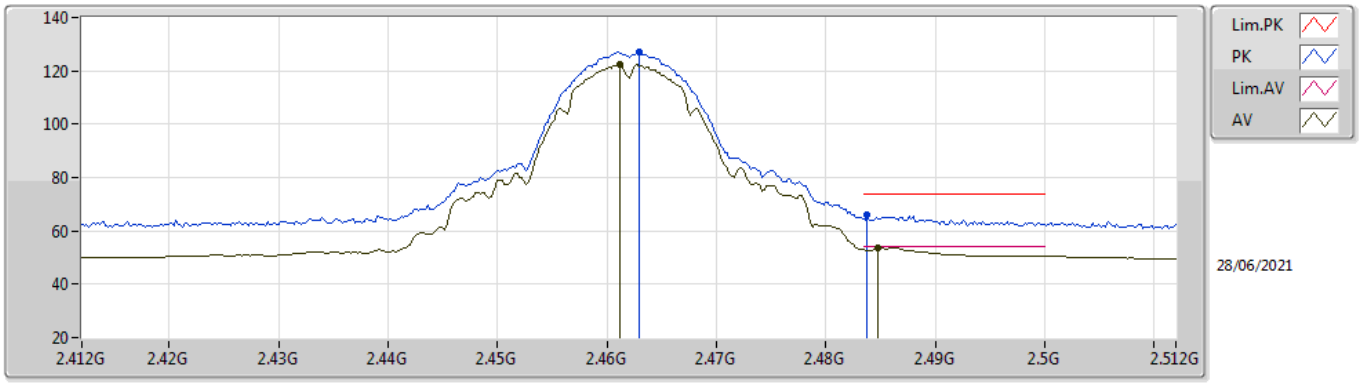


EUT Z_2TX_Dipole
Setting 120
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87388G	47.66	74.00	-26.34	43.53	3	Horizontal	168	3.00	-	31.15	5.00	32.02
AV	4.87392G	39.63	54.00	-14.37	35.50	3	Horizontal	168	3.00	-	31.15	5.00	32.02

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

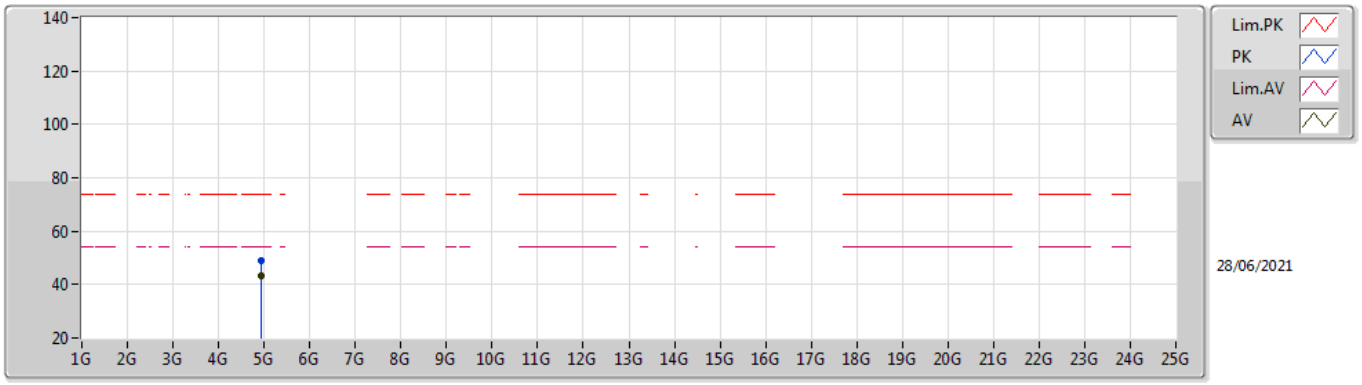


EUT Z_2TX_Dipole
Setting 116
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	2.463G	126.89	Inf	-Inf	96.33	3	Vertical	228	1.75	-	27.40	3.16	-	
AV	2.4612G	122.40	Inf	-Inf	91.84	3	Vertical	228	1.75	-	27.40	3.16	-	
PK	2.4838G	65.92	74.00	-8.08	35.34	3	Vertical	228	1.75	-	27.40	3.18	-	
AV	2.4848G	53.79	54.00	-0.21	23.21	3	Vertical	228	1.75	-	27.40	3.18	-	

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

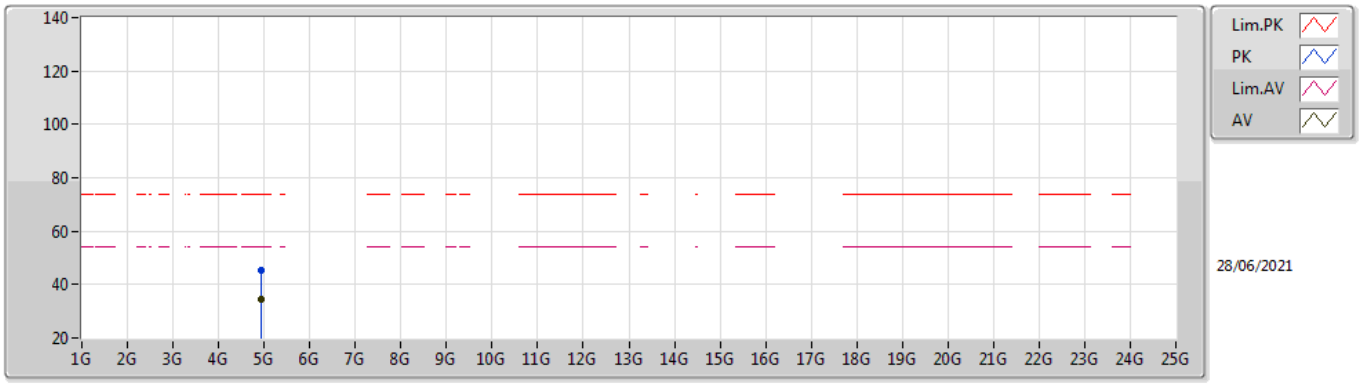


EUT Z_2TX_Dipole
Setting 116
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92392G	49.09	74.00	-24.91	44.86	3	Vertical	268	1.74	-	31.20	5.00	31.97
AV	4.92392G	43.33	54.00	-10.67	39.10	3	Vertical	268	1.74	-	31.20	5.00	31.97

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

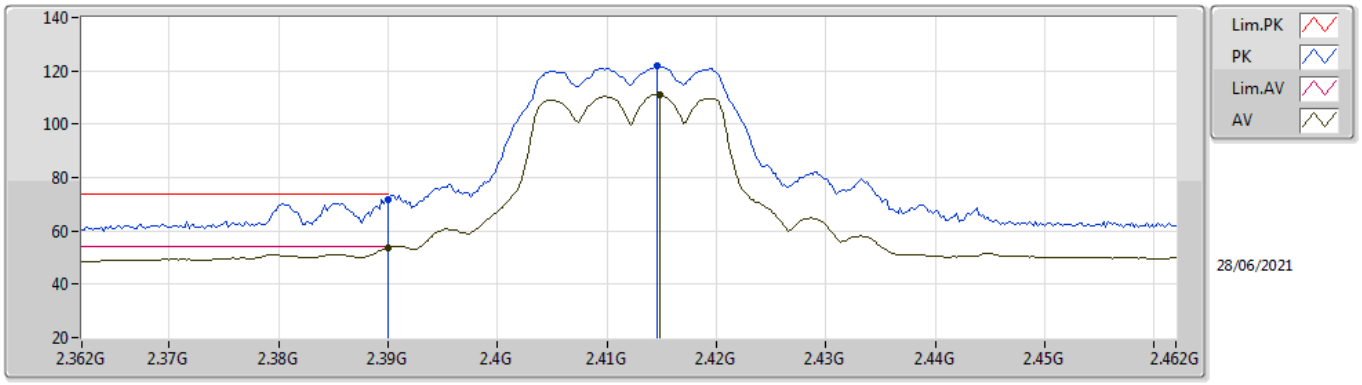


EUT Z_2TX_Dipole
Setting 116
06-D-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92396G	45.28	74.00	-28.72	41.05	3	Horizontal	324	2.33	-	31.20	5.00	31.97
AV	4.92396G	34.41	54.00	-19.59	30.18	3	Horizontal	324	2.33	-	31.20	5.00	31.97

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

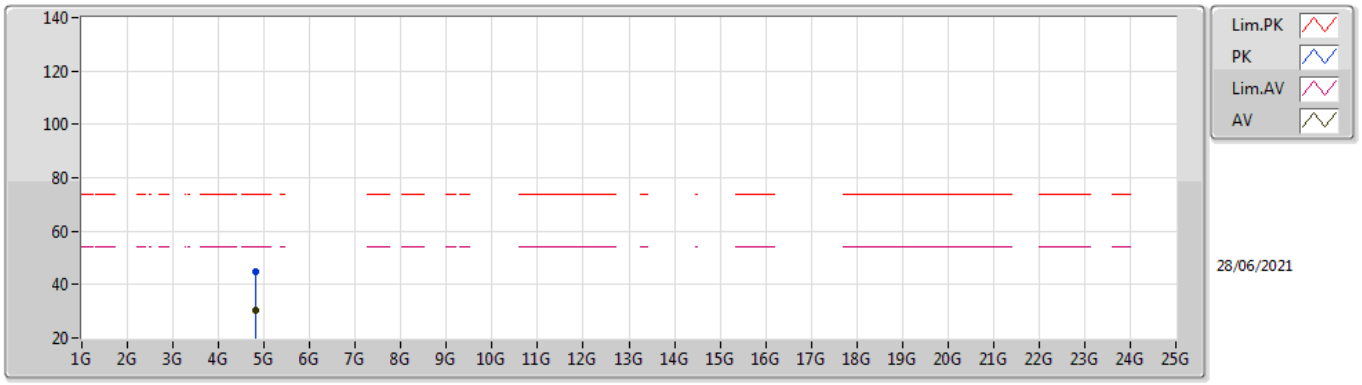


EUT Z_2TX_Dipole
Setting 86
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	71.90	74.00	-2.10	41.11	3	Vertical	162	1.54	-	28.38	2.41	-
AV	2.39G	53.79	54.00	-0.21	23.01	3	Vertical	162	1.54	-	28.38	2.40	-
PK	2.4146G	121.92	Inf	-Inf	91.11	3	Vertical	162	1.54	-	28.40	2.41	-
AV	2.4148G	111.18	Inf	-Inf	80.37	3	Vertical	162	1.54	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

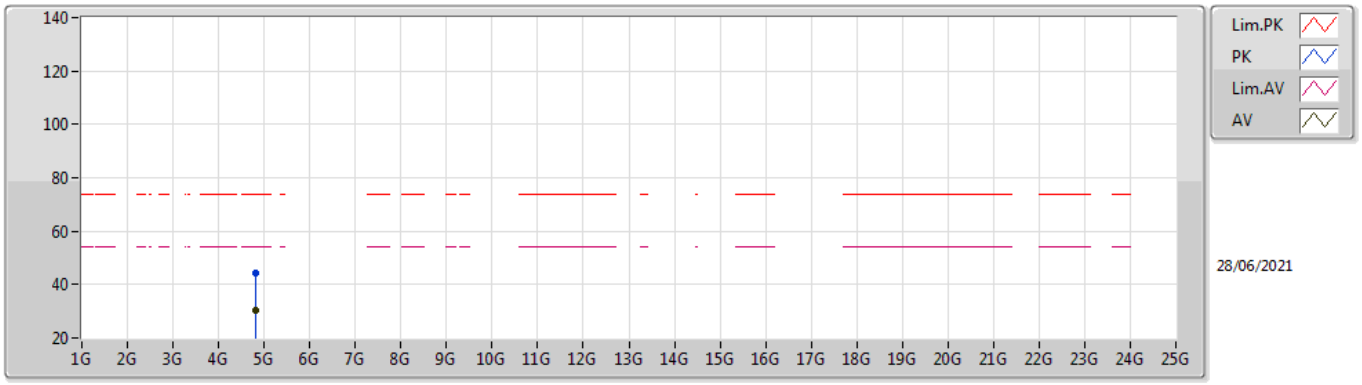


EUT Z_2TX_Dipole
Setting 86
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82344G	45.06	74.00	-28.94	39.35	3	Vertical	73	1.88	-	32.79	4.70	31.78
AV	4.82236G	30.47	54.00	-23.53	24.76	3	Vertical	73	1.88	-	32.79	4.70	31.78

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

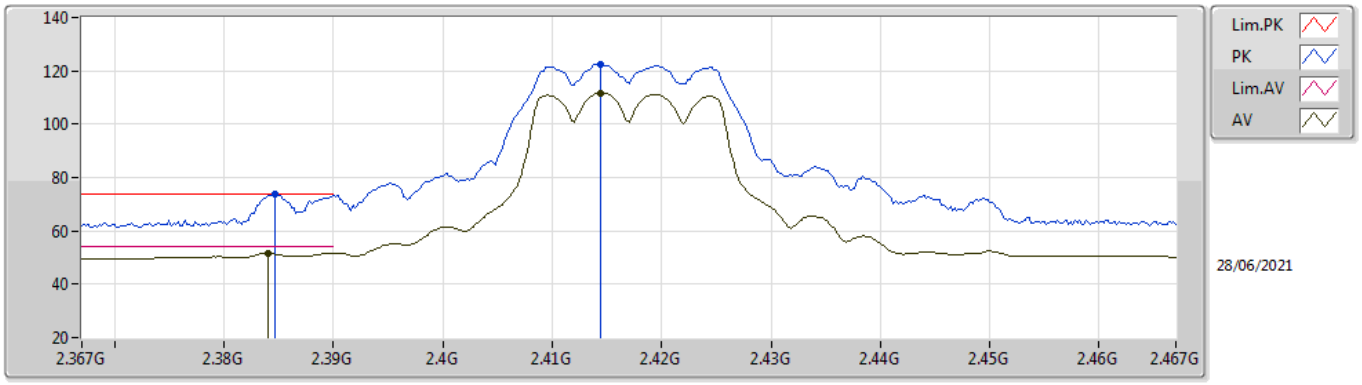


EUT Z_2TX_Dipole
Setting 86
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8226G	44.26	74.00	-29.74	38.55	3	Horizontal	298	1.52	-	32.79	4.70	31.78
AV	4.82432G	30.24	54.00	-23.76	24.52	3	Horizontal	298	1.52	-	32.80	4.70	31.78

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

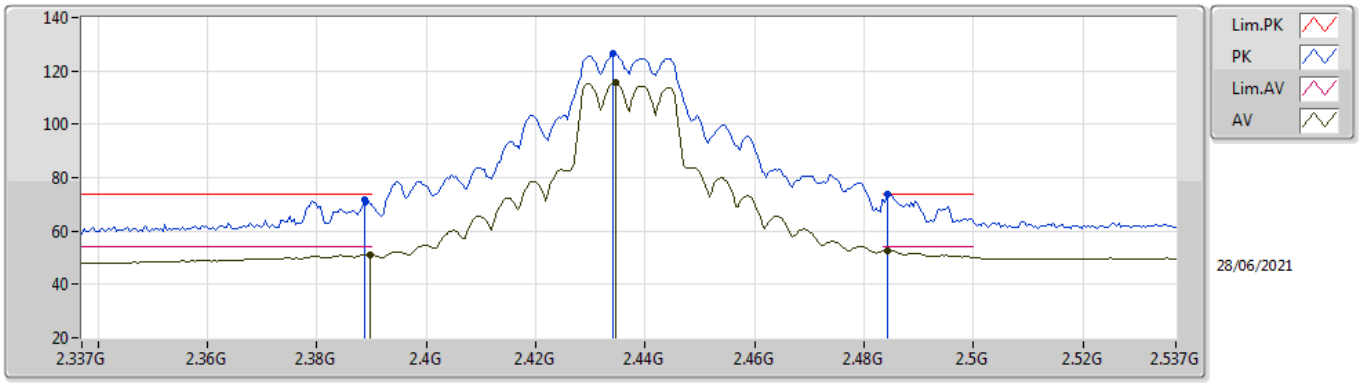


EUT Z_2TX_Dipole
Setting 89
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3846G	73.71	74.00	-0.29	42.93	3	Vertical	161	1.67	-	28.37	2.41	-
AV	2.384G	51.66	54.00	-2.34	20.88	3	Vertical	161	1.67	-	28.37	2.41	-
PK	2.4144G	122.56	Inf	-Inf	91.75	3	Vertical	161	1.67	-	28.40	2.41	-
AV	2.4144G	111.77	Inf	-Inf	80.96	3	Vertical	161	1.67	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

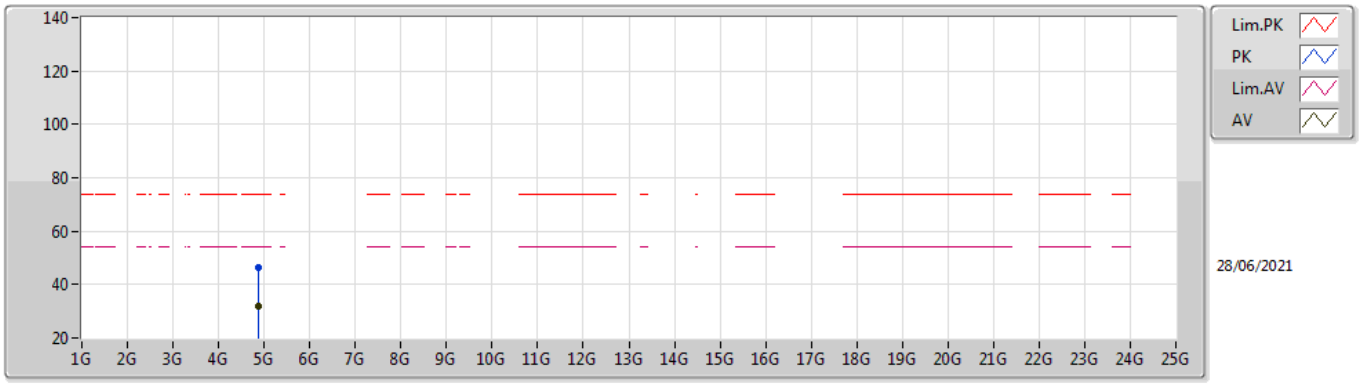


EUT Z_2TX_Dipole
Setting 108
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	71.48	74.00	-2.52	40.69	3	Vertical	157	1.32	-	28.38	2.41	-
AV	2.3898G	51.26	54.00	-2.74	20.47	3	Vertical	157	1.32	-	28.38	2.41	-
PK	2.4342G	126.33	Inf	-Inf	95.51	3	Vertical	157	1.32	-	28.40	2.42	-
AV	2.4346G	115.54	Inf	-Inf	84.72	3	Vertical	157	1.32	-	28.40	2.42	-
PK	2.4842G	73.81	74.00	-0.19	42.83	3	Vertical	157	1.32	-	28.54	2.44	-
AV	2.4842G	52.67	54.00	-1.33	21.69	3	Vertical	157	1.32	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

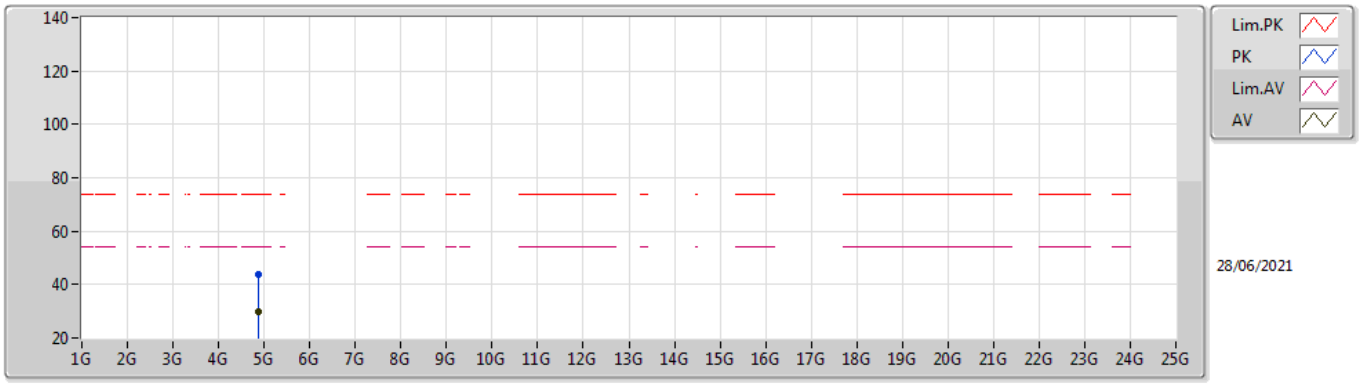


EUT Z_2TX_Dipole
Setting 108
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87112G	46.32	74.00	-27.68	40.47	3	Vertical	134	1.00	-	32.94	4.70	31.79
AV	4.87124G	32.02	54.00	-21.98	26.17	3	Vertical	134	1.00	-	32.94	4.70	31.79

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

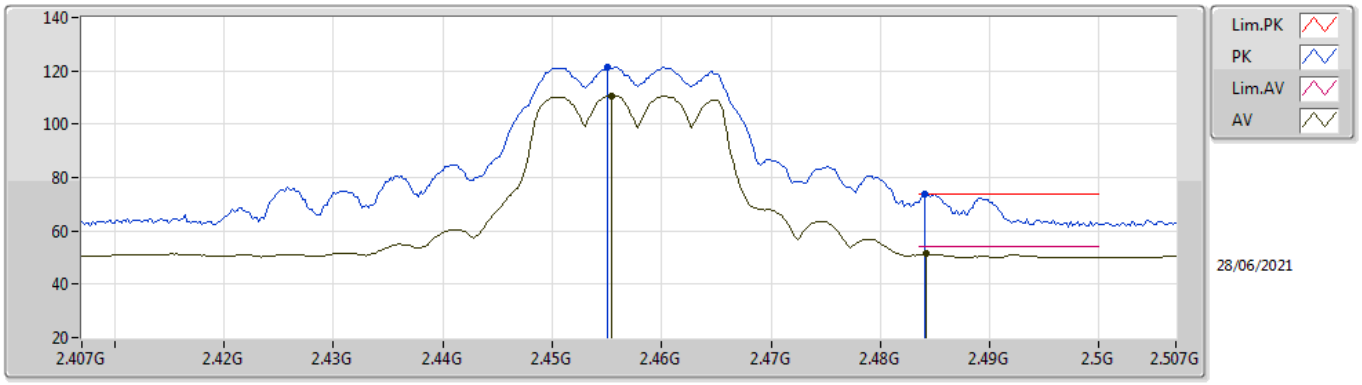


EUT Z_2TX_Dipole
Setting 108
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8676G	43.60	74.00	-30.40	37.75	3	Horizontal	212	2.88	-	32.94	4.70	31.79
AV	4.86576G	29.92	54.00	-24.08	24.08	3	Horizontal	212	2.88	-	32.93	4.70	31.79

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

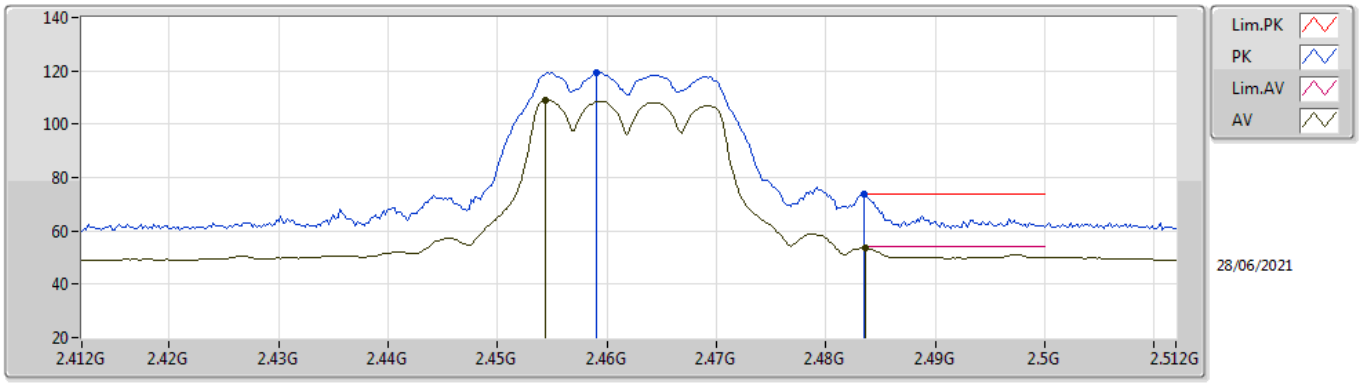


EUT Z_2TX_Dipole
Setting 90
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	2.455G	121.18	Inf	-Inf	90.33	3	Vertical	174	1.80	-	28.42	2.43	-	
AV	2.4554G	110.69	Inf	-Inf	79.84	3	Vertical	174	1.80	-	28.42	2.43	-	
PK	2.484G	73.72	74.00	-0.28	42.74	3	Vertical	174	1.80	-	28.54	2.44	-	
AV	2.4842G	51.35	54.00	-2.65	20.37	3	Vertical	174	1.80	-	28.54	2.44	-	

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

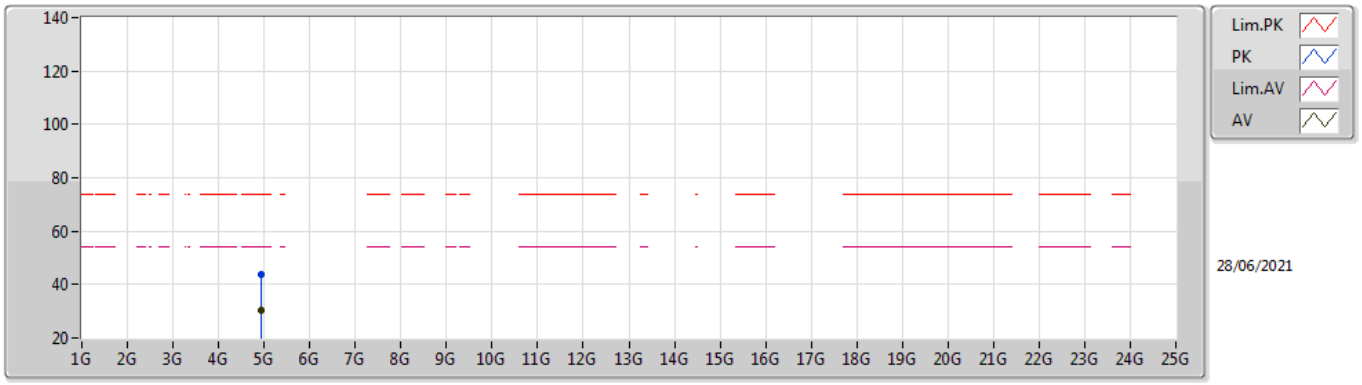


EUT Z_2TX_Dipole
Setting 81
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.459G	119.33	Inf	-Inf	88.46	3	Vertical	352	1.45	-	28.44	2.43	-
AV	2.4544G	108.78	Inf	-Inf	77.93	3	Vertical	352	1.45	-	28.42	2.43	-
PK	2.4835G	73.84	74.00	-0.16	42.87	3	Vertical	352	1.45	-	28.53	2.44	-
AV	2.4836G	53.61	54.00	-0.39	22.64	3	Vertical	352	1.45	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

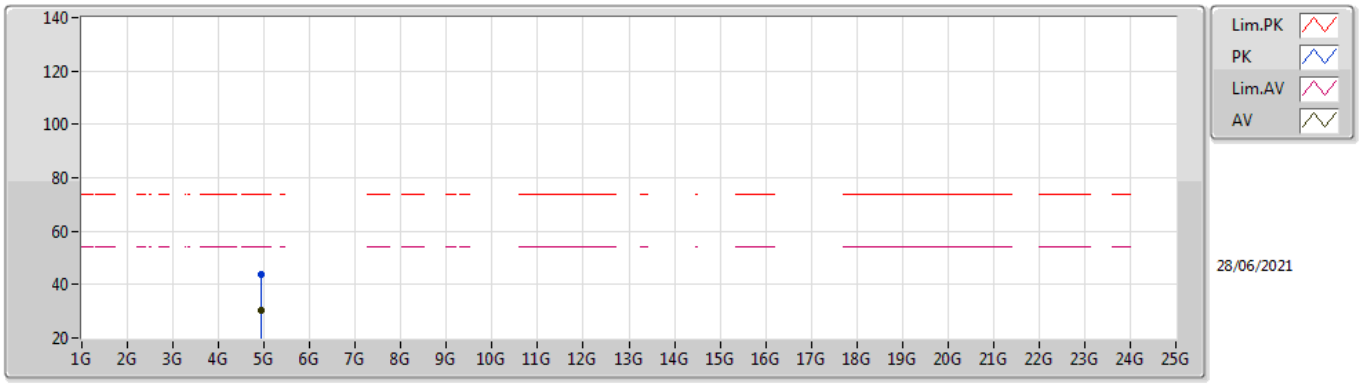


EUT Z_2TX_Dipole
Setting 81
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92376G	44.01	74.00	-29.99	37.98	3	Vertical	39	2.60	-	33.14	4.70	31.81
AV	4.92468G	30.36	54.00	-23.64	24.32	3	Vertical	39	2.60	-	33.15	4.70	31.81

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

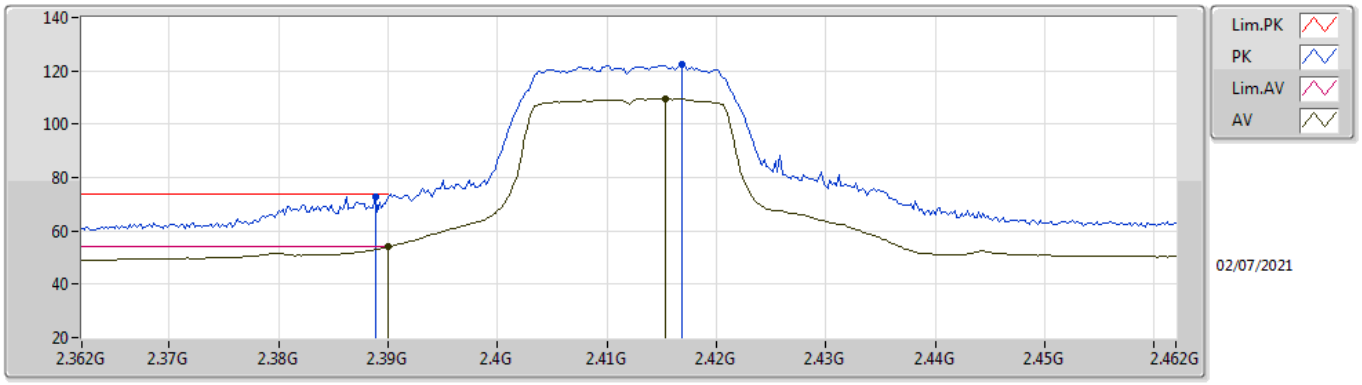


EUT Z_2TX_Dipole
Setting 81
02-B-B-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9272G	43.86	74.00	-30.14	37.81	3	Horizontal	74	1.57	-	33.16	4.70	31.81
AV	4.92648G	30.31	54.00	-23.69	24.26	3	Horizontal	74	1.57	-	33.16	4.70	31.81

802.11n HT20_Nss2,(MCS0)_2TX

2412MHz_TX

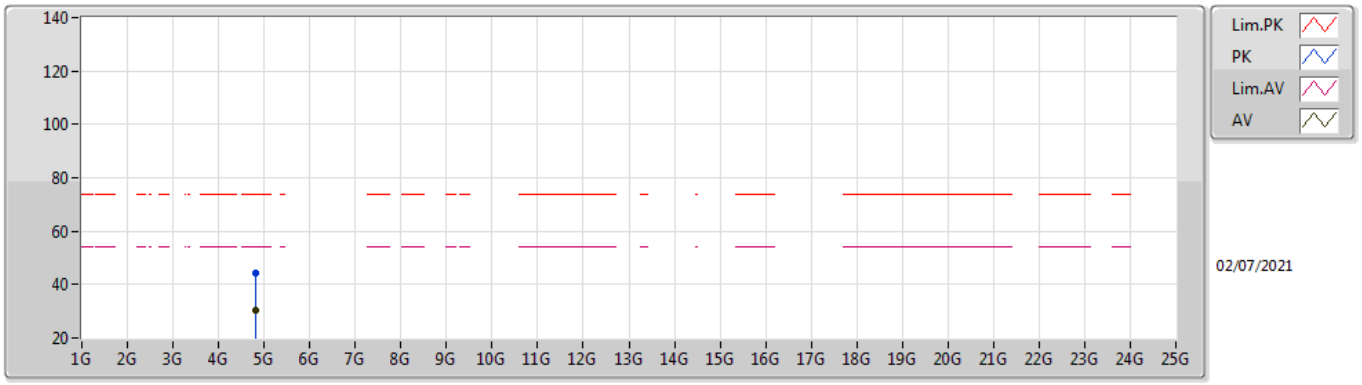


EUT Z_2TX
Setting 91
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	72.79	74.00	-1.21	42.00	3	Vertical	163	1.54	-	28.38	2.41	-
AV	2.39G	53.89	54.00	-0.11	23.10	3	Vertical	163	1.54	-	28.38	2.41	-
PK	2.4168G	122.65	Inf	-Inf	91.84	3	Vertical	163	1.54	-	28.40	2.41	-
AV	2.4154G	109.61	Inf	-Inf	78.80	3	Vertical	163	1.54	-	28.40	2.41	-

802.11n HT20_Nss2,(MCS0)_2TX

2412MHz_TX

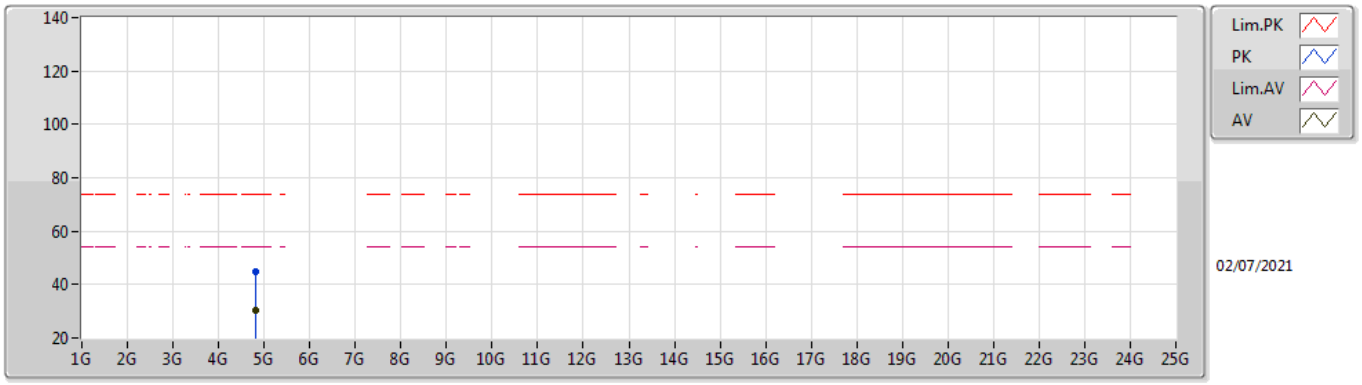


EUT Z_2TX
Setting 91
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82318G	44.31	74.00	-29.69	38.60	3	Vertical	360	1.37	-	32.79	4.70	31.78
AV	4.82408G	30.18	54.00	-23.82	24.46	3	Vertical	360	1.37	-	32.80	4.70	31.78

802.11n HT20_Nss2,(MCS0)_2TX

2412MHz_TX

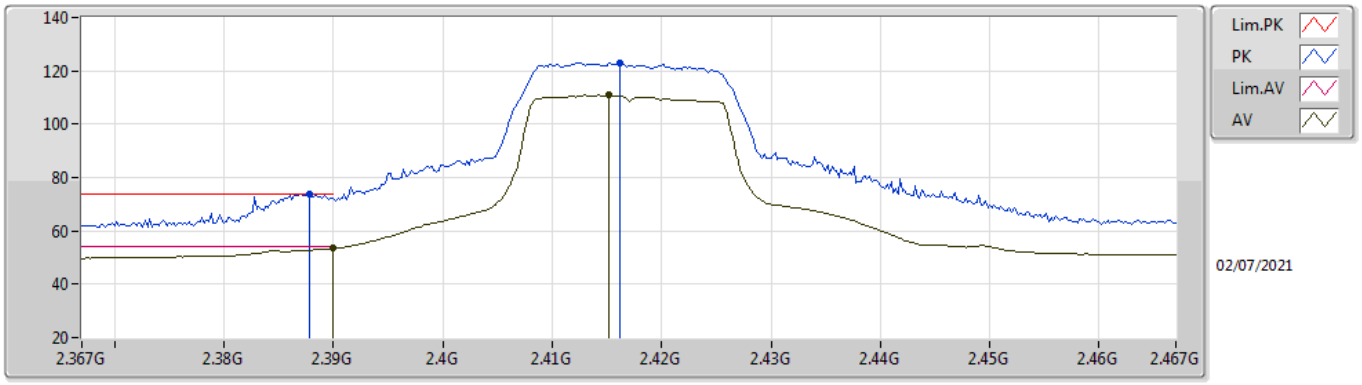


EUT Z_2TX
Setting 91
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82412G	44.64	74.00	-29.36	38.92	3	Horizontal	139	1.05	-	32.80	4.70	31.78
AV	4.82252G	30.10	54.00	-23.90	24.39	3	Horizontal	139	1.05	-	32.79	4.70	31.78

802.11n HT20_Nss2,(MCS0)_2TX

2417MHz_TX

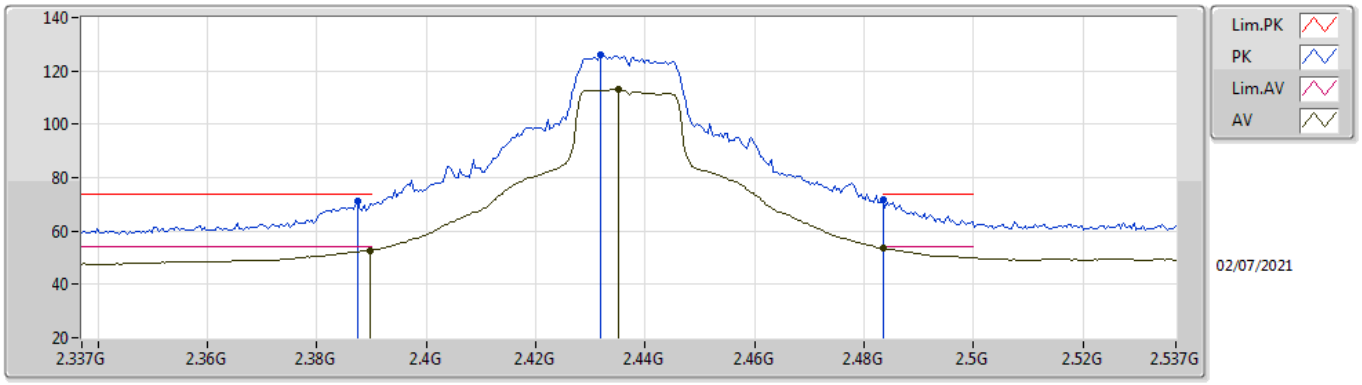


EUT Z_2TX
Setting 97
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	73.79	74.00	-0.21	43.00	3	Vertical	164	1.53	-	28.38	2.41	-
AV	2.39G	53.48	54.00	-0.52	22.69	3	Vertical	164	1.53	-	28.38	2.41	-
PK	2.4162G	123.05	Inf	-Inf	92.24	3	Vertical	164	1.53	-	28.40	2.41	-
AV	2.4152G	110.81	Inf	-Inf	80.00	3	Vertical	164	1.53	-	28.40	2.41	-

802.11n HT20_Nss2,(MCS0)_2TX

2437MHz_TX

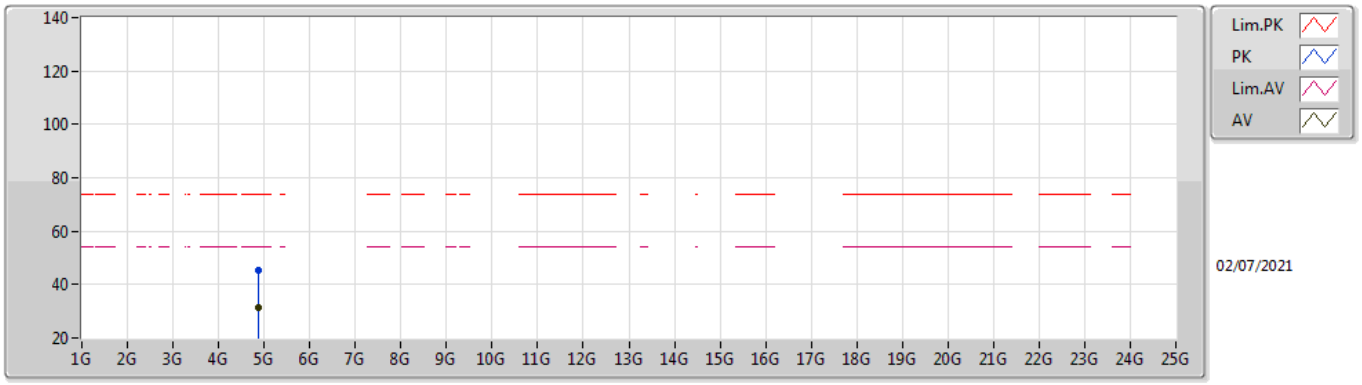


EUT Z_2TX
Setting 112
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	71.35	74.00	-2.65	40.57	3	Vertical	151	1.61	-	28.37	2.41	-
AV	2.3898G	52.68	54.00	-1.32	21.89	3	Vertical	151	1.61	-	28.38	2.41	-
PK	2.4318G	126.01	Inf	-Inf	95.19	3	Vertical	151	1.61	-	28.40	2.42	-
AV	2.435G	112.95	Inf	-Inf	82.13	3	Vertical	151	1.61	-	28.40	2.42	-
PK	2.4835G	71.51	74.00	-2.49	40.54	3	Vertical	151	1.61	-	28.53	2.44	-
AV	2.4835G	53.61	54.00	-0.39	22.64	3	Vertical	151	1.61	-	28.53	2.44	-

802.11n HT20_Nss2,(MCS0)_2TX

2437MHz_TX

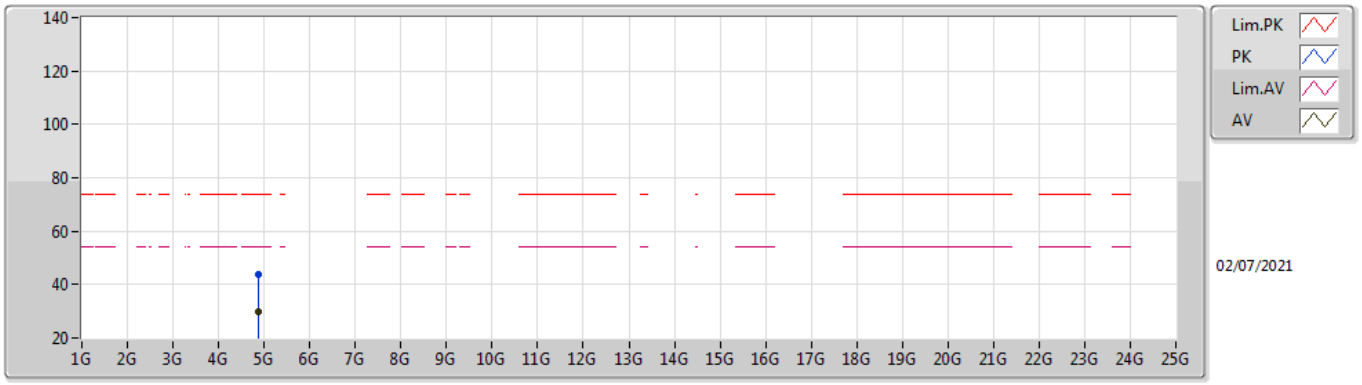


EUT Z_2TX
Setting 112
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87298G	45.46	74.00	-28.54	39.60	3	Vertical	208	2.96	-	32.95	4.70	31.79
AV	4.87354G	31.55	54.00	-22.45	25.69	3	Vertical	208	2.96	-	32.95	4.70	31.79

802.11n HT20_Nss2,(MCS0)_2TX

2437MHz_TX

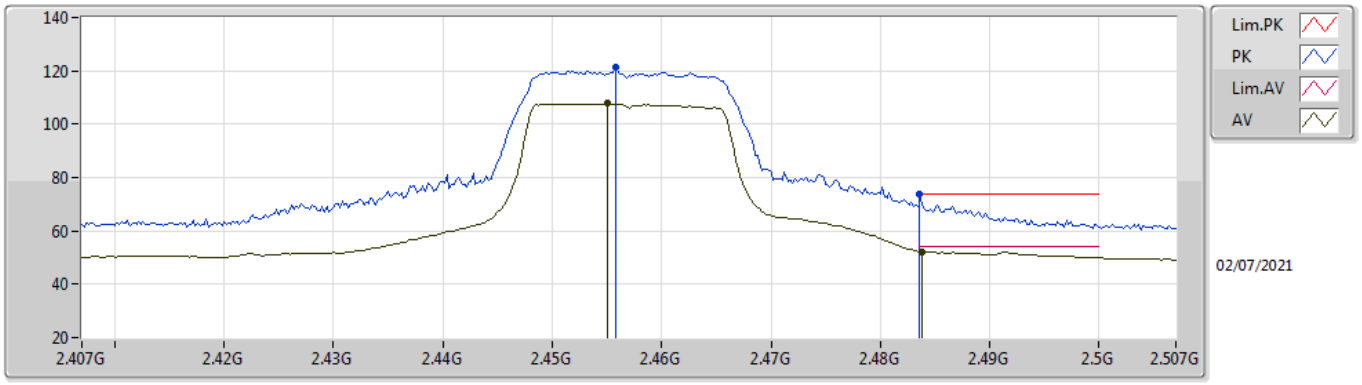


EUT Z_2TX
Setting 112
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8782G	43.76	74.00	-30.24	37.90	3	Horizontal	96	1.70	-	32.96	4.70	31.80
AV	4.87532G	29.93	54.00	-24.07	24.08	3	Horizontal	96	1.70	-	32.95	4.70	31.80

802.11n HT20_Nss2,(MCS0)_2TX

2457MHz_TX

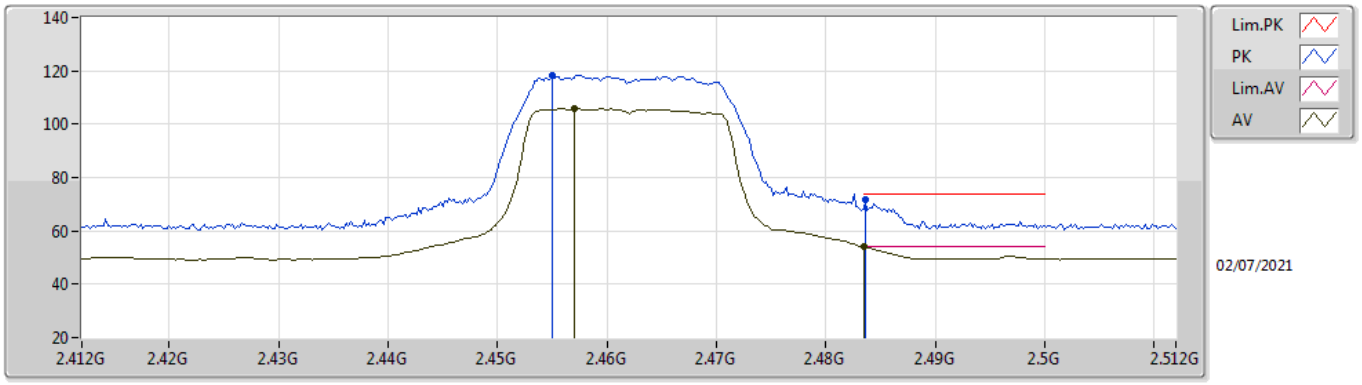


EUT Z_2TX
Setting 90
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4558G	121.27	Inf	-Inf	90.42	3	Vertical	218	1.80	-	28.42	2.43	-
AV	2.455G	107.77	Inf	-Inf	76.92	3	Vertical	218	1.80	-	28.42	2.43	-
PK	2.4836G	73.97	74.00	-0.03	43.00	3	Vertical	218	1.80	-	28.53	2.44	-
AV	2.4838G	52.23	54.00	-1.77	21.25	3	Vertical	218	1.80	-	28.54	2.44	-

802.11n HT20_Nss2,(MCS0)_2TX

2462MHz_TX

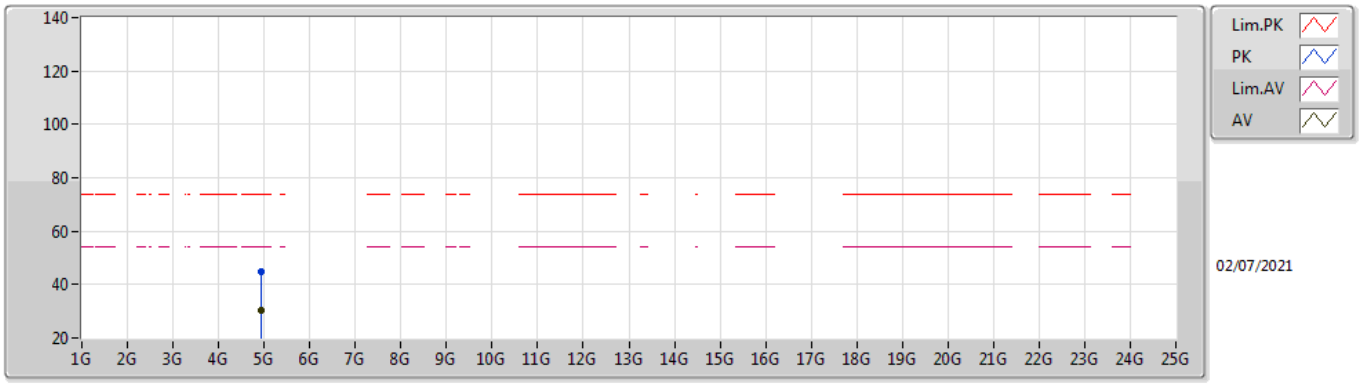


EUT Z_2TX
Setting 81
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.455G	118.12	Inf	-Inf	87.27	3	Vertical	171	1.80	-	28.42	2.43	-
AV	2.457G	105.79	Inf	-Inf	74.93	3	Vertical	171	1.80	-	28.43	2.43	-
PK	2.4836G	71.72	74.00	-2.28	40.75	3	Vertical	171	1.80	-	28.53	2.44	-
AV	2.4835G	53.92	54.00	-0.08	22.95	3	Vertical	171	1.80	-	28.53	2.44	-

802.11n HT20_Nss2,(MCS0)_2TX

2462MHz_TX

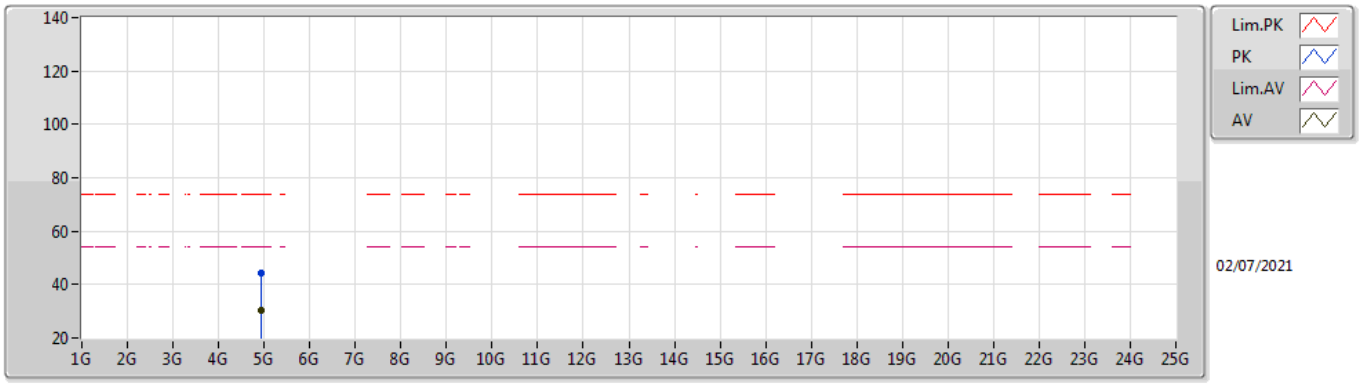


EUT Z_2TX
Setting 81
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92302G	44.60	74.00	-29.40	38.57	3	Vertical	306	2.21	-	33.14	4.70	31.81
AV	4.92462G	30.16	54.00	-23.84	24.12	3	Vertical	306	2.21	-	33.15	4.70	31.81

802.11n HT20_Nss2,(MCS0)_2TX

2462MHz_TX

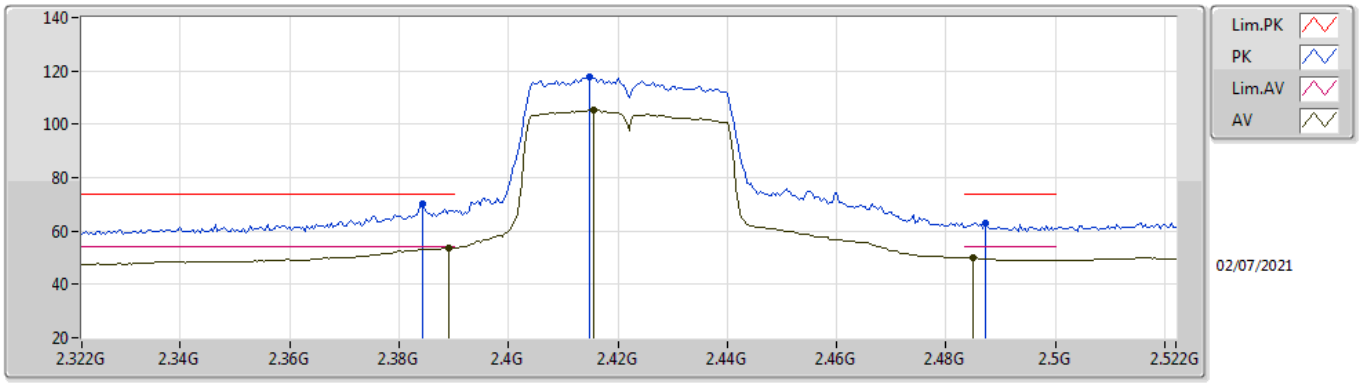


EUT Z_2TX
Setting 81
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92654G	44.38	74.00	-29.62	38.33	3	Horizontal	244	1.24	-	33.16	4.70	31.81
AV	4.92662G	30.17	54.00	-23.83	24.12	3	Horizontal	244	1.24	-	33.16	4.70	31.81

802.11n HT40_Nss2,(MCS0)_2TX

2422MHz_TX

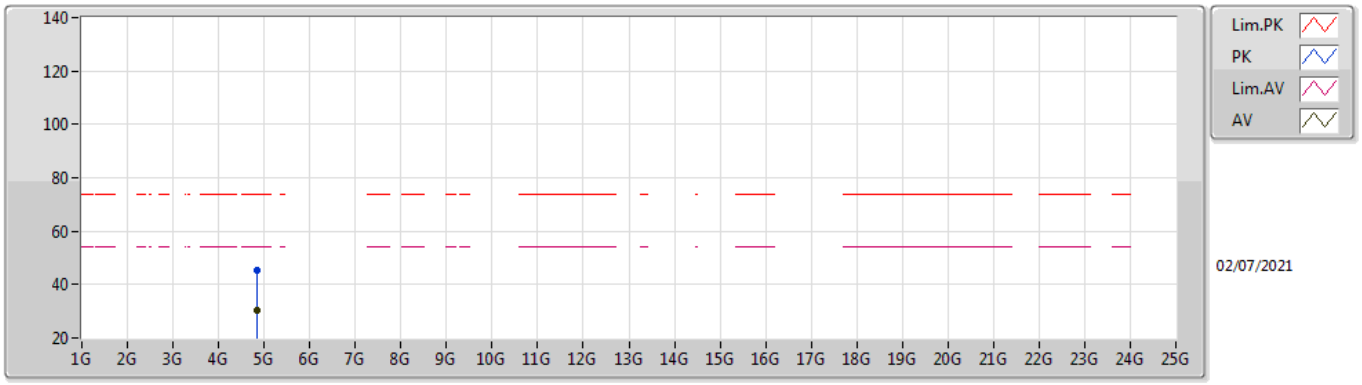


EUT Z_2TX
Setting 84
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3844G	70.13	74.00	-3.87	39.35	3	Vertical	163	1.55	-	28.37	2.41	-
AV	2.3892G	53.74	54.00	-0.26	22.95	3	Vertical	163	1.55	-	28.38	2.41	-
PK	2.4148G	117.74	Inf	-Inf	86.93	3	Vertical	163	1.55	-	28.40	2.41	-
AV	2.4156G	105.46	Inf	-Inf	74.65	3	Vertical	163	1.55	-	28.40	2.41	-
PK	2.4872G	62.99	74.00	-11.01	32.00	3	Vertical	163	1.55	-	28.55	2.44	-
AV	2.4848G	50.06	54.00	-3.94	19.08	3	Vertical	163	1.55	-	28.54	2.44	-

802.11n HT40_Nss2,(MCS0)_2TX

2422MHz_TX

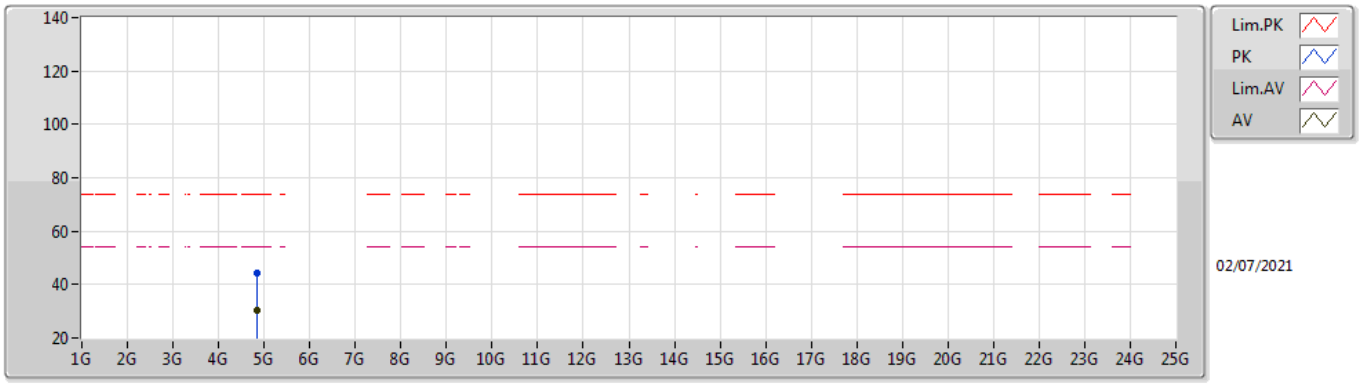


EUT Z_2TX
Setting 84
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8457G	45.27	74.00	-28.73	39.47	3	Vertical	30	1.03	-	32.88	4.70	31.78
AV	4.84326G	30.13	54.00	-23.87	24.34	3	Vertical	30	1.03	-	32.87	4.70	31.78

802.11n HT40_Nss2,(MCS0)_2TX

2422MHz_TX

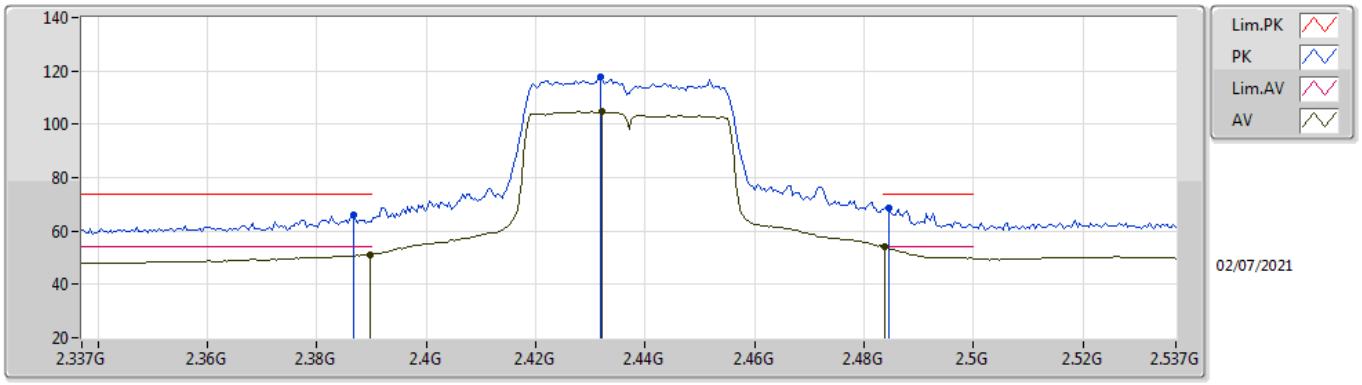


EUT Z_2TX
Setting 84
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84518G	44.36	74.00	-29.64	38.56	3	Horizontal	197	2.32	-	32.88	4.70	31.78
AV	4.84302G	30.17	54.00	-23.83	24.38	3	Horizontal	197	2.32	-	32.87	4.70	31.78

802.11n HT40_Nss2,(MCS0)_2TX

2437MHz_TX

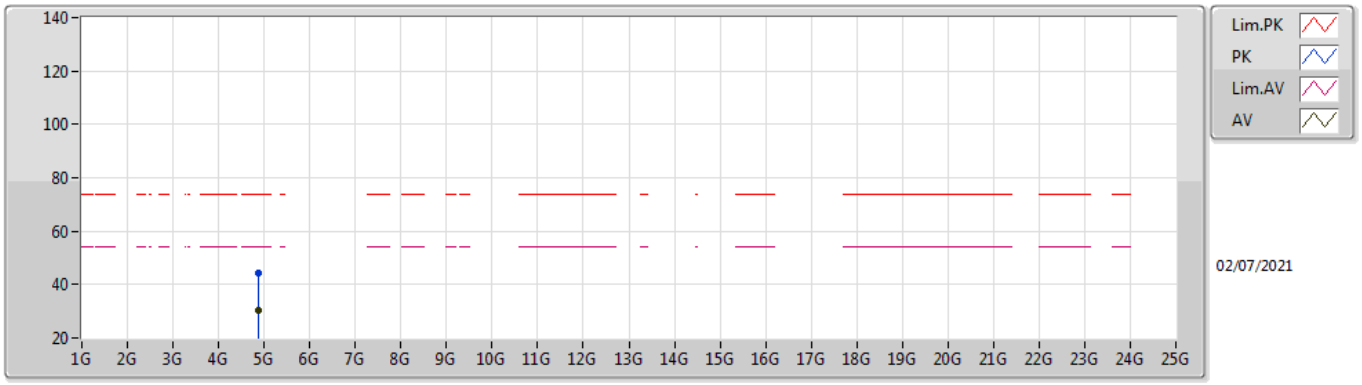


EUT Z_2TX
Setting 85
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3866G	66.08	74.00	-7.92	35.30	3	Vertical	156	1.61	-	28.37	2.41	-
AV	2.3898G	51.12	54.00	-2.88	20.33	3	Vertical	156	1.61	-	28.38	2.41	-
PK	2.4318G	117.91	Inf	-Inf	87.09	3	Vertical	156	1.61	-	28.40	2.42	-
AV	2.4322G	104.65	Inf	-Inf	73.83	3	Vertical	156	1.61	-	28.40	2.42	-
PK	2.4846G	68.39	74.00	-5.61	37.41	3	Vertical	156	1.61	-	28.54	2.44	-
AV	2.4838G	53.91	54.00	-0.09	22.93	3	Vertical	156	1.61	-	28.54	2.44	-

802.11n HT40_Nss2,(MCS0)_2TX

2437MHz_TX

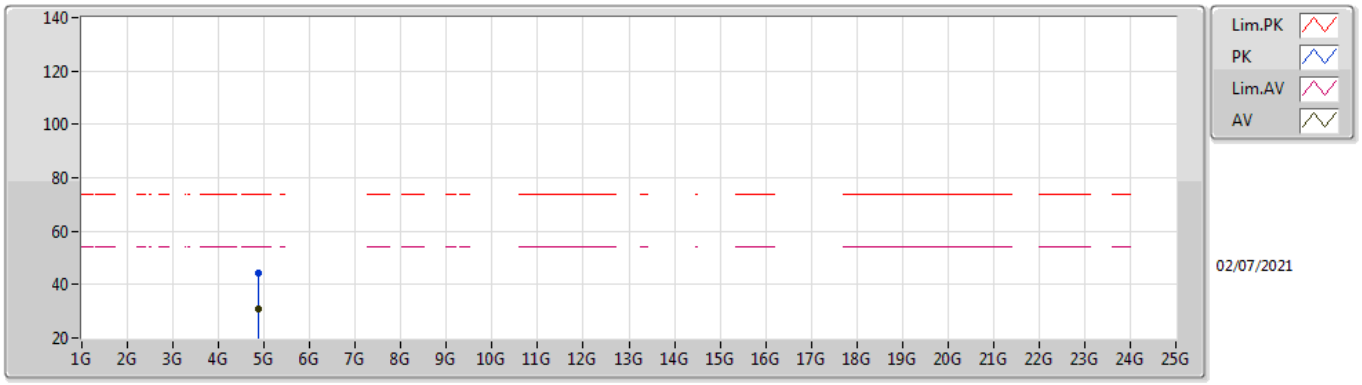


EUT Z_2TX
Setting 85
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87188G	44.21	74.00	-29.79	38.36	3	Vertical	55	1.61	-	32.94	4.70	31.79
AV	4.87334G	30.60	54.00	-23.40	24.74	3	Vertical	55	1.61	-	32.95	4.70	31.79

802.11n HT40_Nss2,(MCS0)_2TX

2437MHz_TX

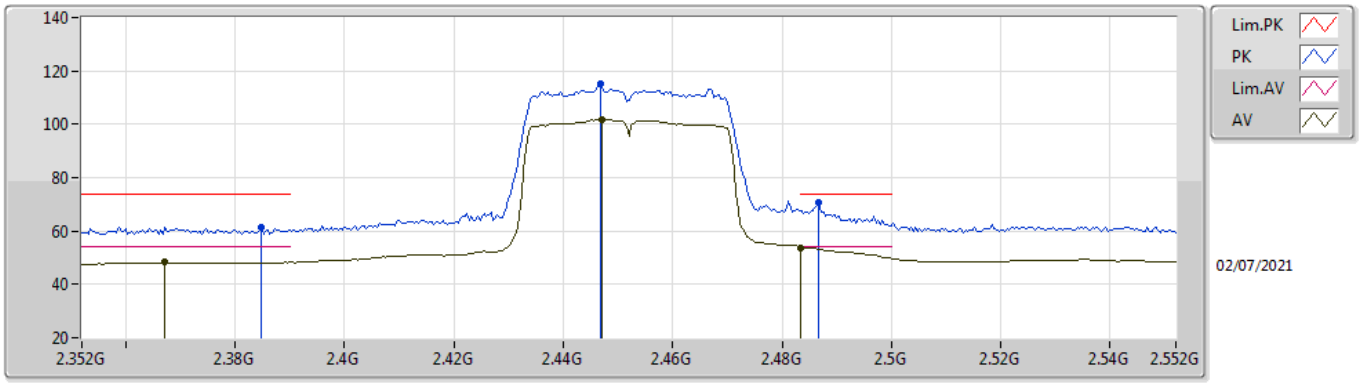


EUT Z_2TX
Setting 85
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87172G	44.39	74.00	-29.61	38.54	3	Horizontal	345	1.78	-	32.94	4.70	31.79
AV	4.87148G	30.75	54.00	-23.25	24.90	3	Horizontal	345	1.78	-	32.94	4.70	31.79

802.11n HT40_Nss2,(MCS0)_2TX

2452MHz_TX

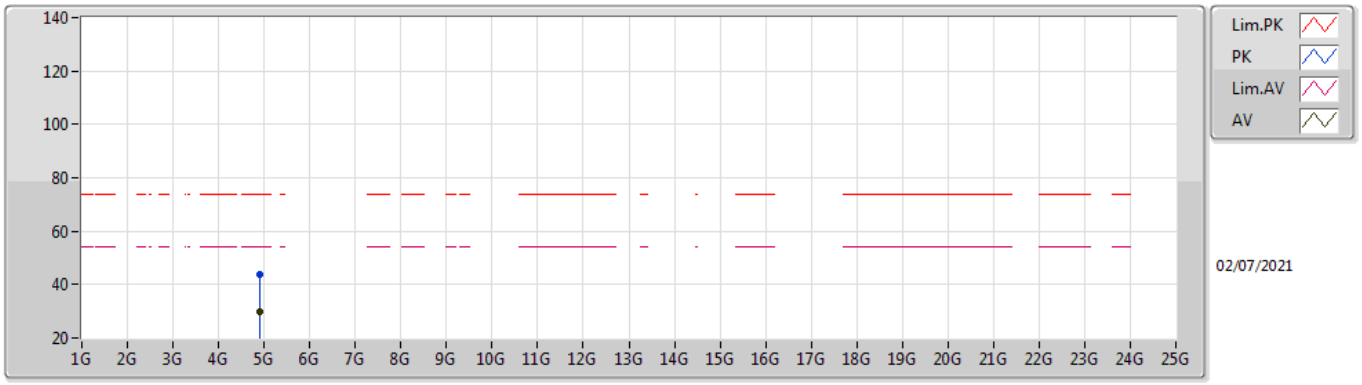


EUT Z_2TX
Setting 74
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3848G	61.54	74.00	-12.46	30.76	3	Vertical	218	1.80	-	28.37	2.41	-
AV	2.3672G	48.23	54.00	-5.77	17.48	3	Vertical	218	1.80	-	28.33	2.42	-
PK	2.4468G	115.00	Inf	-Inf	84.18	3	Vertical	218	1.80	-	28.40	2.42	-
AV	2.4472G	101.77	Inf	-Inf	70.95	3	Vertical	218	1.80	-	28.40	2.42	-
PK	2.4868G	70.44	74.00	-3.56	39.45	3	Vertical	218	1.80	-	28.55	2.44	-
AV	2.4835G	53.77	54.00	-0.23	22.80	3	Vertical	218	1.80	-	28.53	2.44	-

802.11n HT40_Nss2,(MCS0)_2TX

2452MHz_TX

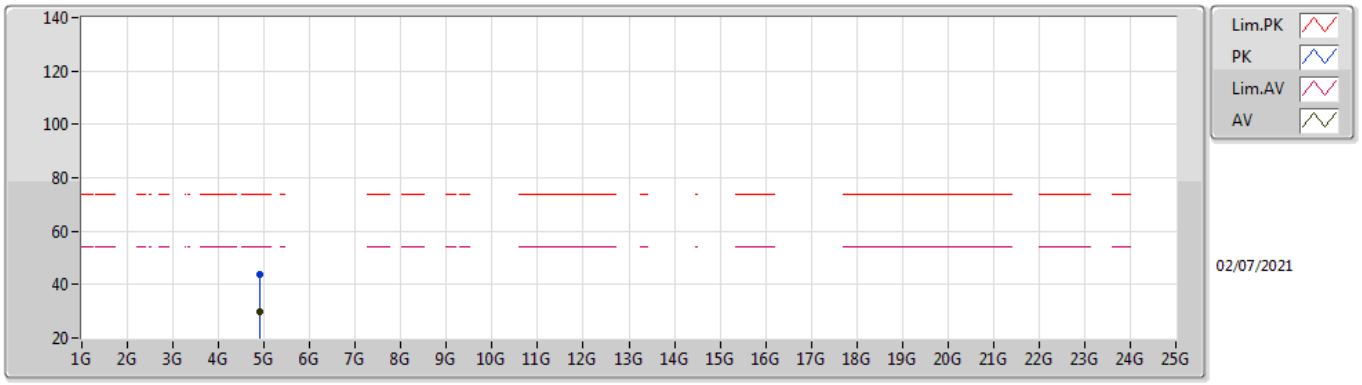


EUT Z_2TX
Setting 74
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90592G	43.64	74.00	-30.36	37.71	3	Vertical	352	1.94	-	33.04	4.70	31.81
AV	4.90784G	29.84	54.00	-24.16	23.90	3	Vertical	352	1.94	-	33.05	4.70	31.81

802.11n HT40_Nss2,(MCS0)_2TX

2452MHz_TX

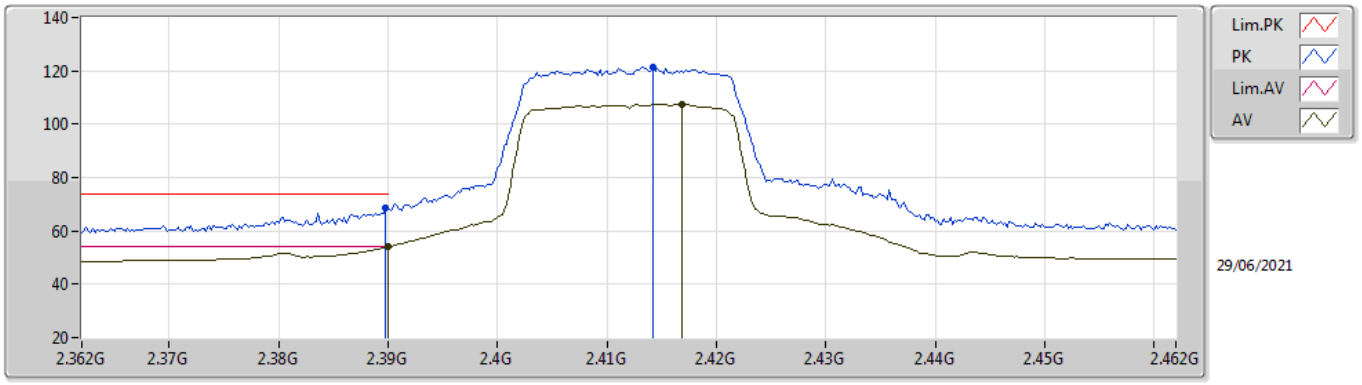


EUT Z_2TX
Setting 74
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90228G	43.62	74.00	-30.38	37.71	3	Horizontal	167	1.05	-	33.01	4.70	31.80
AV	4.90464G	29.73	54.00	-24.27	23.81	3	Horizontal	167	1.05	-	33.03	4.70	31.81

802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz_TX

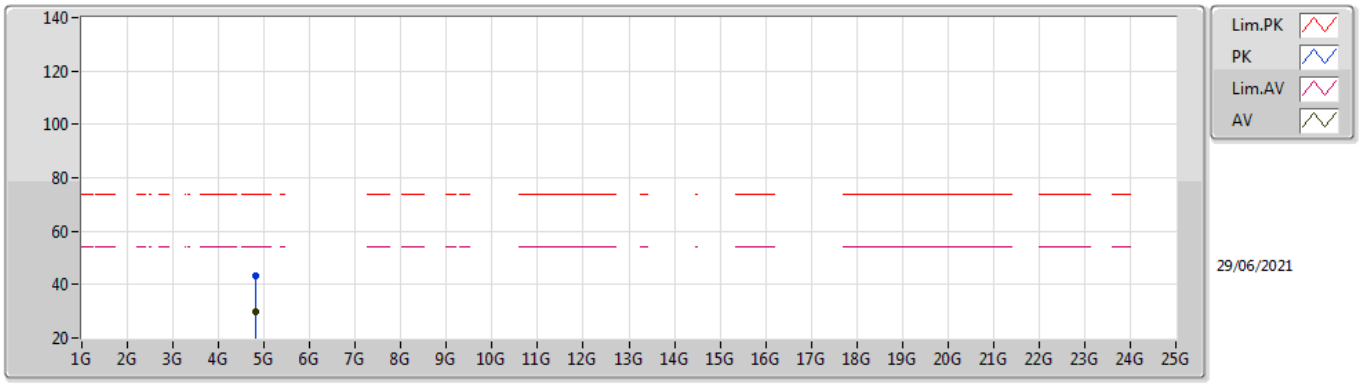


EUT Z_2TX_Dipole
Setting 86
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	68.85	74.00	-5.15	38.06	3	Vertical	159	1.55	-	28.38	2.41	-
AV	2.39G	53.90	54.00	-0.10	23.11	3	Vertical	159	1.55	-	28.38	2.41	-
PK	2.4142G	121.45	Inf	-Inf	90.64	3	Vertical	159	1.55	-	28.40	2.41	-
AV	2.4168G	107.42	Inf	-Inf	76.61	3	Vertical	159	1.55	-	28.40	2.41	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz_TX

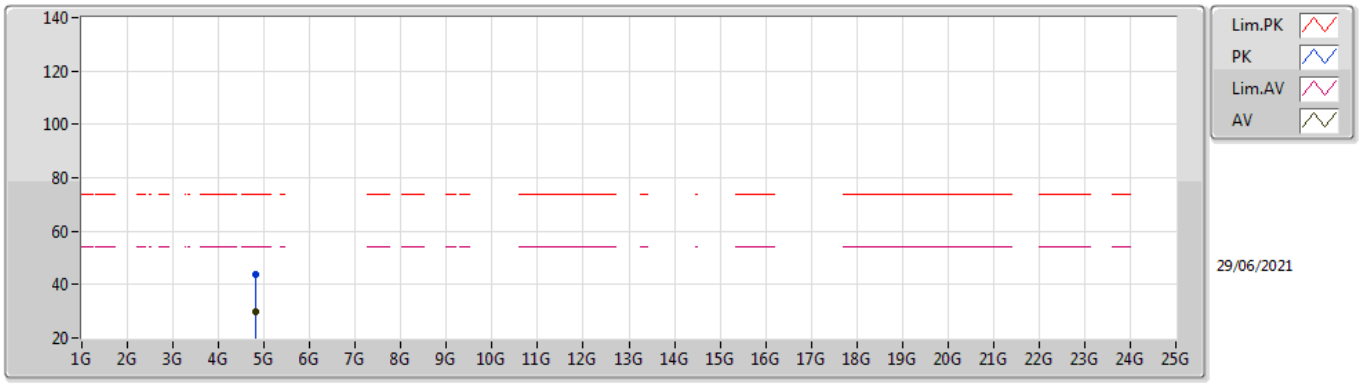


EUT Z_2TX_Dipole
Setting 86
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81978G	43.52	74.00	-30.48	37.82	3	Vertical	120.3	1.75	-	32.78	4.70	31.78
AV	4.82404G	29.91	54.00	-24.09	24.19	3	Vertical	120.3	1.75	-	32.80	4.70	31.78

802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz_TX

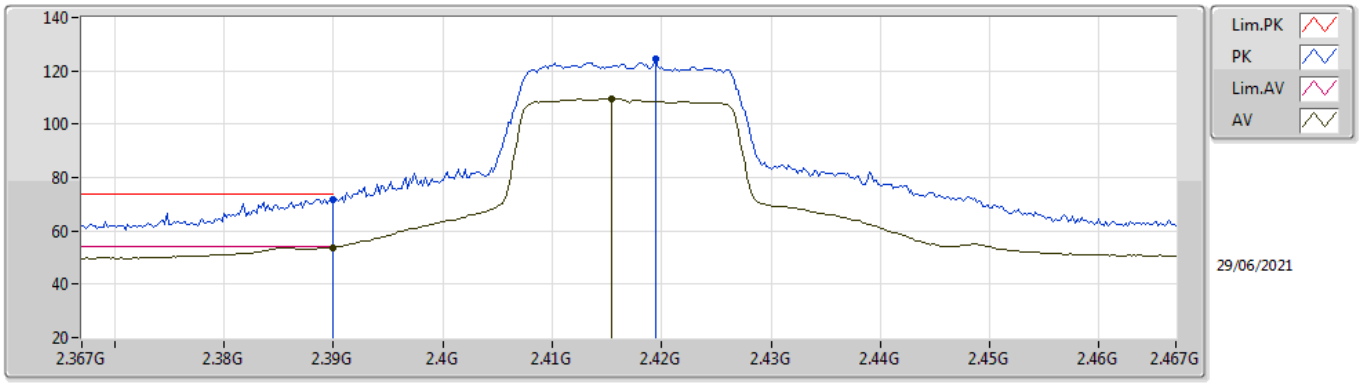


EUT Z_2TX_Dipole
Setting 86
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82256G	43.57	74.00	-30.43	37.86	3	Horizontal	104.6	1.90	-	32.79	4.70	31.78
AV	4.82338G	29.88	54.00	-24.12	24.17	3	Horizontal	104.6	1.90	-	32.79	4.70	31.78

802.11ax HEW20_Nss2,(MCS0)_2TX

2417MHz_TX

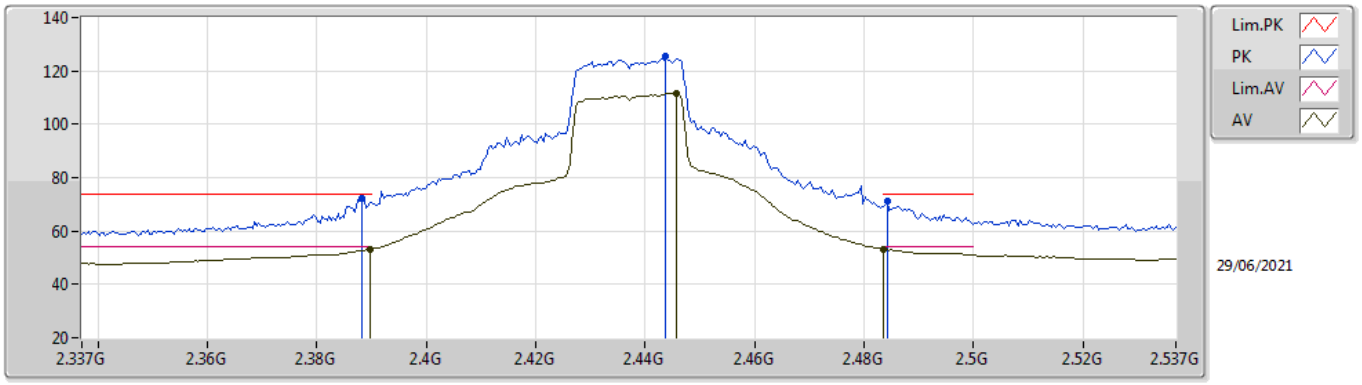


EUT Z_2TX_Dipole
Setting 95
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	71.97	74.00	-2.03	41.18	3	Vertical	158	1.67	-	28.38	2.41	-
AV	2.39G	53.84	54.00	-0.16	23.05	3	Vertical	158	1.67	-	28.38	2.41	-
PK	2.4194G	124.57	Inf	-Inf	93.76	3	Vertical	158	1.67	-	28.40	2.41	-
AV	2.4154G	109.52	Inf	-Inf	78.71	3	Vertical	158	1.67	-	28.40	2.41	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz_TX

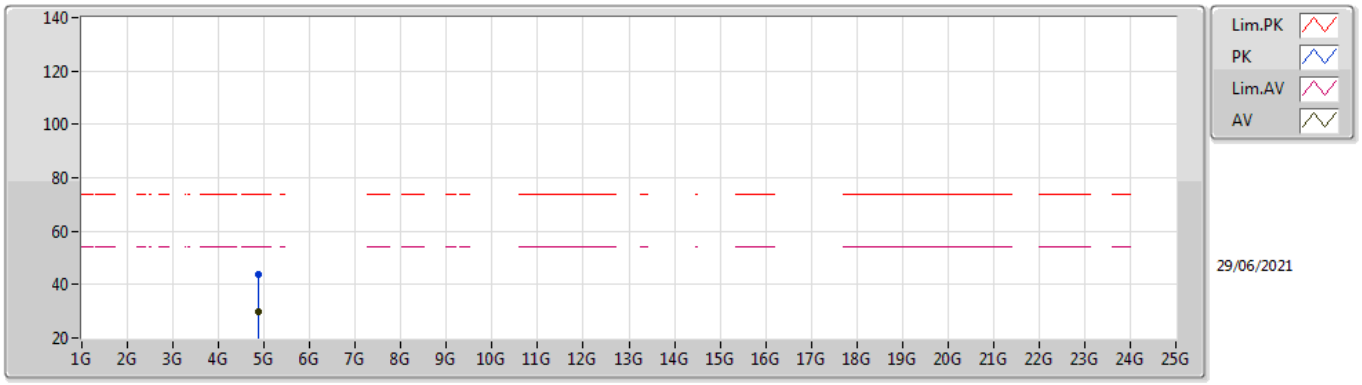


EUT Z_2TX_Dipole
Setting 109
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	72.16	74.00	-1.84	41.37	3	Vertical	175	1.80	-	28.38	2.41	-
AV	2.3898G	53.15	54.00	-0.85	22.36	3	Vertical	175	1.80	-	28.38	2.41	-
PK	2.4438G	125.44	Inf	-Inf	94.62	3	Vertical	175	1.80	-	28.40	2.42	-
AV	2.4458G	111.77	Inf	-Inf	80.95	3	Vertical	175	1.80	-	28.40	2.42	-
PK	2.4842G	71.39	74.00	-2.61	40.41	3	Vertical	175	1.80	-	28.54	2.44	-
AV	2.4835G	53.06	54.00	-0.94	22.09	3	Vertical	175	1.80	-	28.53	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz_TX

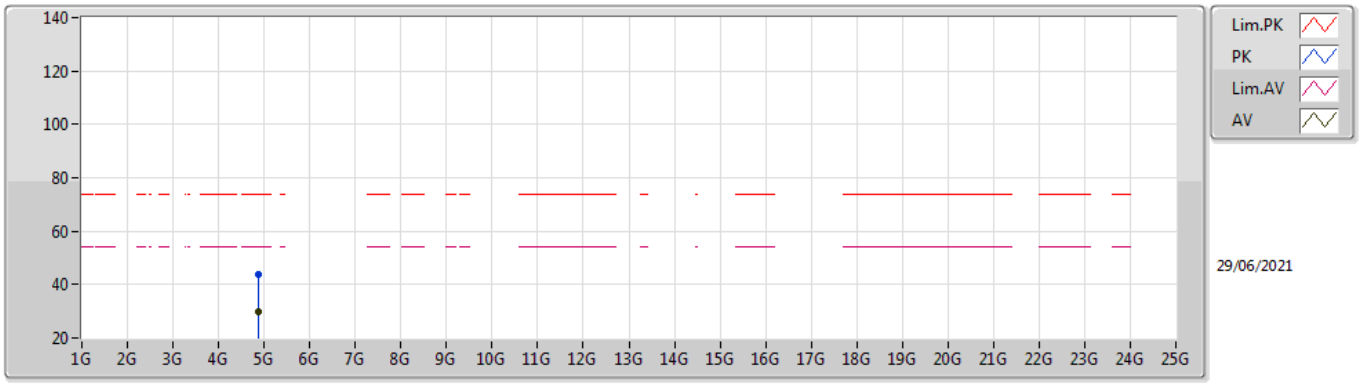


EUT Z_2TX_Dipole
Setting 109
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8692G	43.64	74.00	-30.36	37.79	3	Vertical	86.1	1.95	-	32.94	4.70	31.79
AV	4.87542G	29.78	54.00	-24.22	23.93	3	Vertical	86.1	1.95	-	32.95	4.70	31.80

802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz_TX

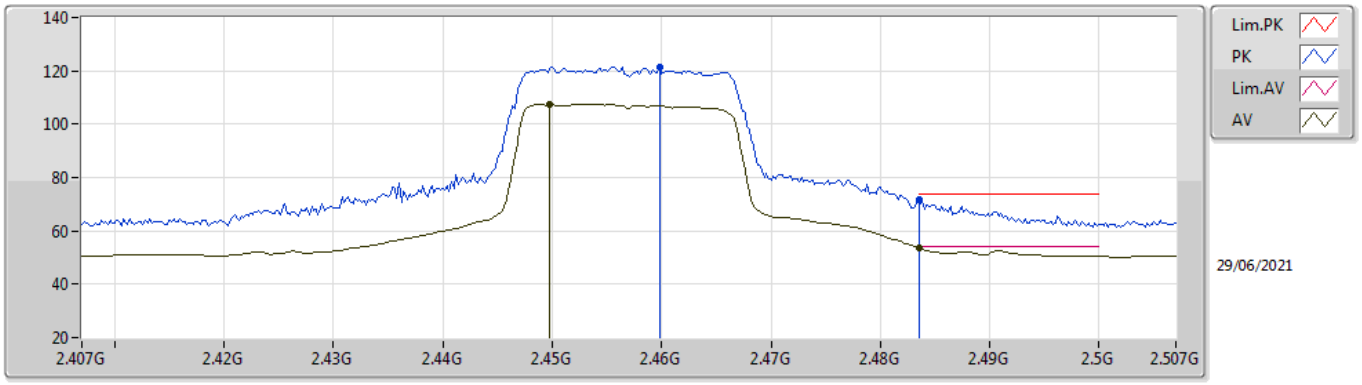


EUT Z_2TX_Dipole
Setting 109
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87056G	43.57	74.00	-30.43	37.72	3	Horizontal	104.9	2.20	-	32.94	4.70	31.79
AV	4.87538G	29.59	54.00	-24.41	23.74	3	Horizontal	104.9	2.20	-	32.95	4.70	31.80

802.11ax HEW20_Nss2,(MCS0)_2TX

2457MHz_TX

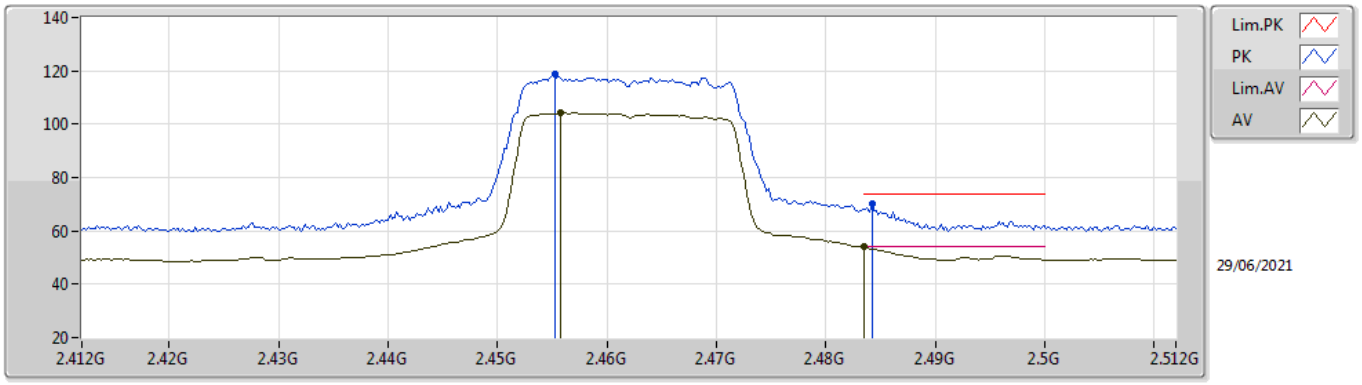


EUT Z_2TX_Dipole
Setting 91
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4598G	121.45	Inf	-Inf	90.58	3	Vertical	173	1.79	-	28.44	2.43	-
AV	2.4498G	107.37	Inf	-Inf	76.55	3	Vertical	173	1.79	-	28.40	2.42	-
PK	2.4835G	71.92	74.00	-2.08	40.95	3	Vertical	173	1.79	-	28.53	2.44	-
AV	2.4835G	53.70	54.00	-0.30	22.73	3	Vertical	173	1.79	-	28.53	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz_TX

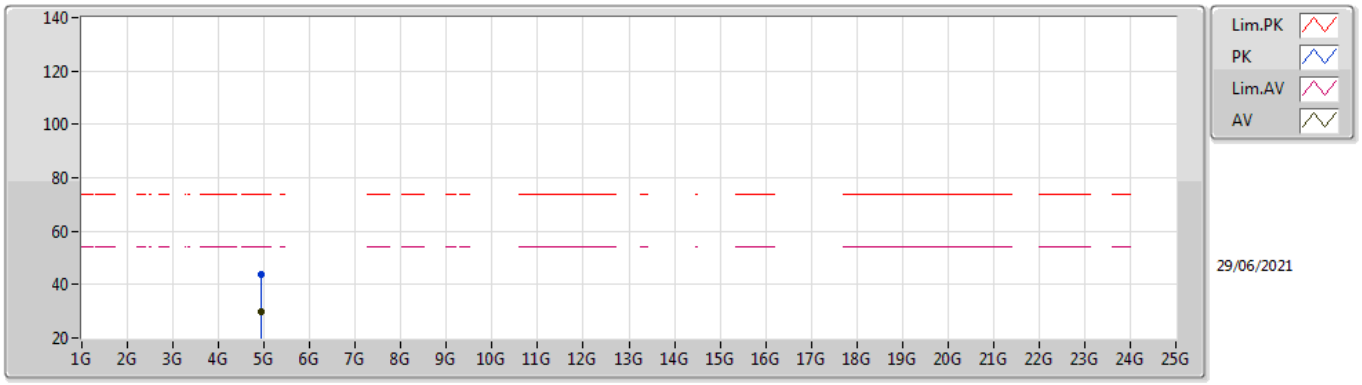


EUT Z_2TX_Dipole
Setting 77
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4552G	118.62	Inf	-Inf	87.77	3	Vertical	174	1.77	-	28.42	2.43	-
AV	2.4558G	104.13	Inf	-Inf	73.28	3	Vertical	174	1.77	-	28.42	2.43	-
PK	2.4842G	70.42	74.00	-3.58	39.44	3	Vertical	174	1.77	-	28.54	2.44	-
AV	2.4835G	53.94	54.00	-0.06	22.97	3	Vertical	174	1.77	-	28.53	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz_TX

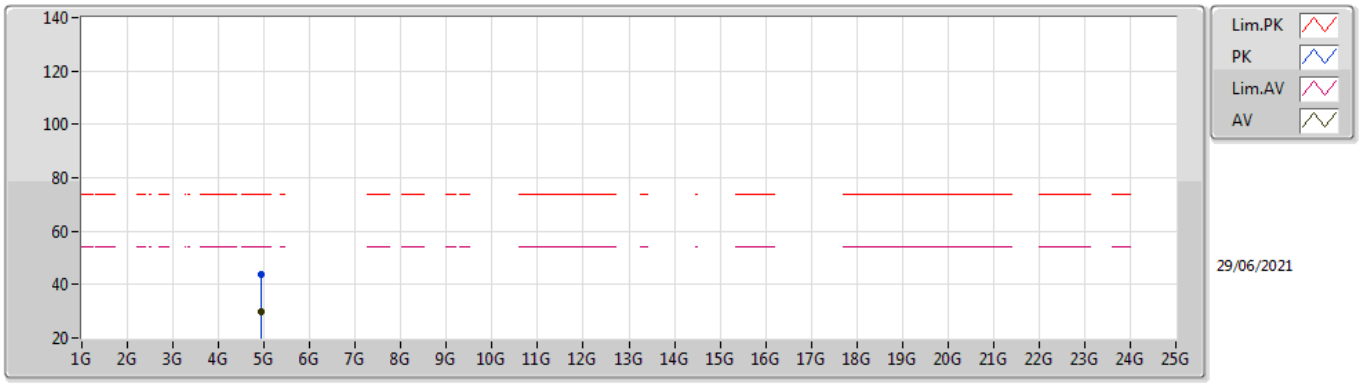


EUT Z_2TX_Dipole
Setting 77
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9267G	43.77	74.00	-30.23	37.72	3	Vertical	129.5	1.82	-	33.16	4.70	31.81
AV	4.925G	29.96	54.00	-24.04	23.92	3	Vertical	129.5	1.82	-	33.15	4.70	31.81

802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz_TX

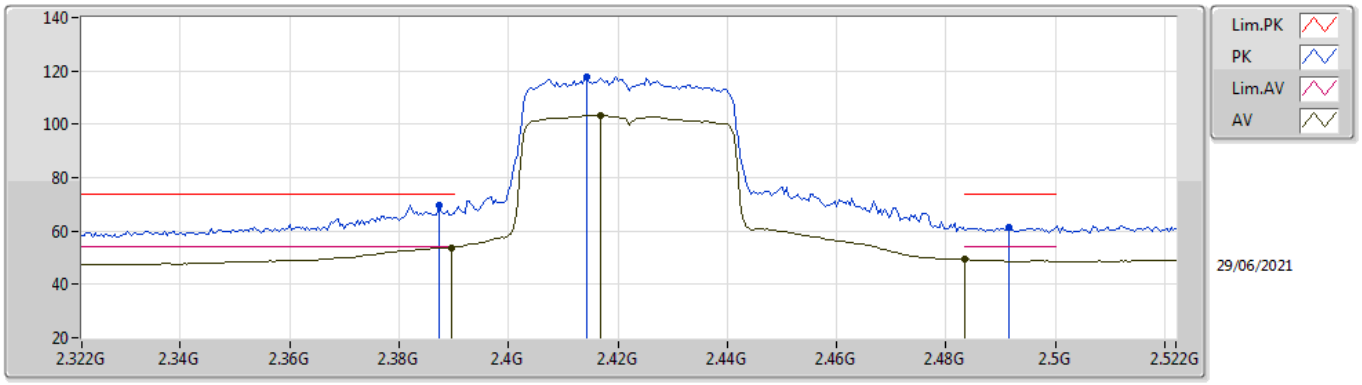


EUT Z_2TX_Dipole
Setting 77
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9256G	43.98	74.00	-30.02	37.94	3	Horizontal	149	1.76	-	33.15	4.70	31.81
AV	4.92662G	29.92	54.00	-24.08	23.87	3	Horizontal	149	1.76	-	33.16	4.70	31.81

802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz_TX

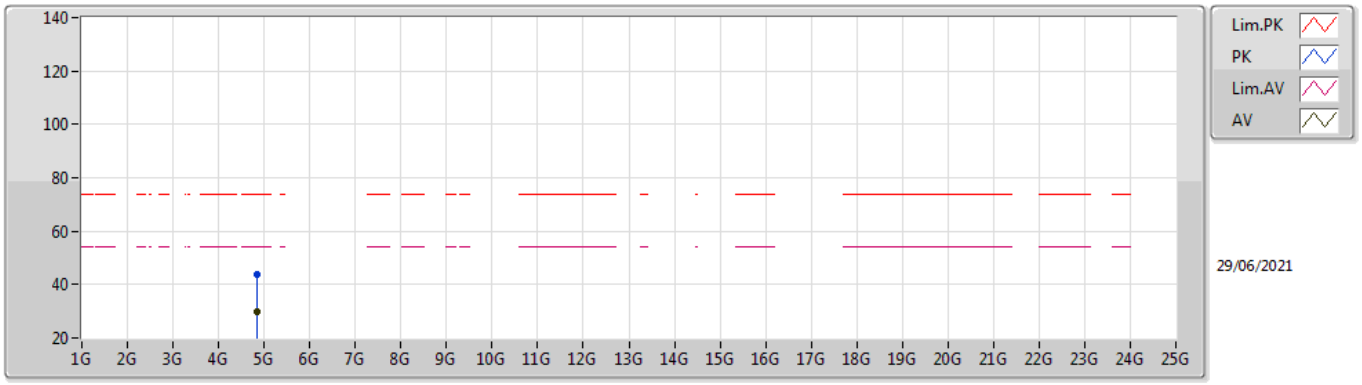


EUT Z_2TX_Dipole
Setting 82
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3872G	69.70	74.00	-4.30	38.92	3	Vertical	156	1.70	-	28.37	2.41	-
AV	2.3896G	53.75	54.00	-0.25	22.96	3	Vertical	156	1.70	-	28.38	2.41	-
PK	2.4144G	117.80	Inf	-Inf	86.99	3	Vertical	156	1.70	-	28.40	2.41	-
AV	2.4168G	103.40	Inf	-Inf	72.59	3	Vertical	156	1.70	-	28.40	2.41	-
PK	2.4916G	61.38	74.00	-12.62	30.36	3	Vertical	156	1.70	-	28.57	2.45	-
AV	2.4835G	49.35	54.00	-4.65	18.38	3	Vertical	156	1.70	-	28.53	2.44	-

802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz_TX

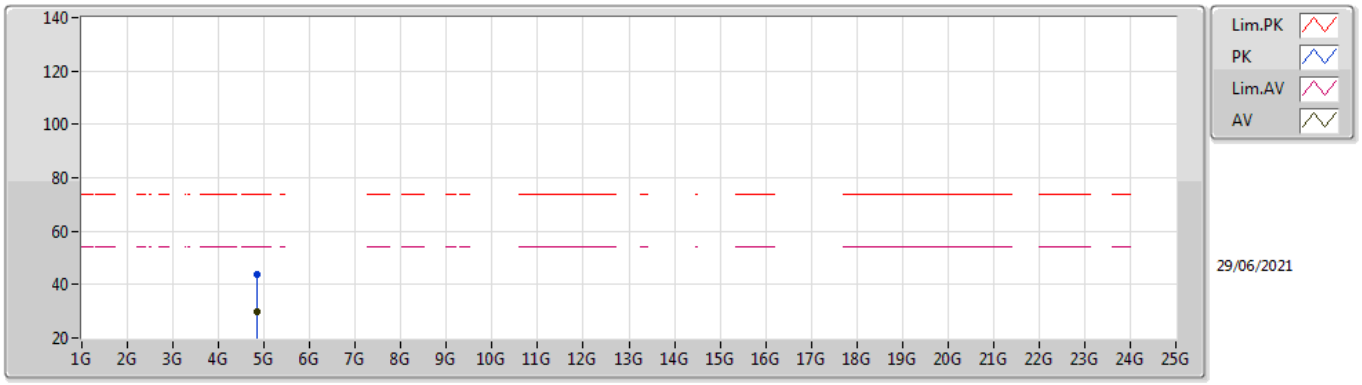


EUT Z_2TX_Dipole
Setting 82
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84328G	43.66	74.00	-30.34	37.87	3	Vertical	195.4	1.69	-	32.87	4.70	31.78
AV	4.84506G	29.89	54.00	-24.11	24.09	3	Vertical	195.4	1.69	-	32.88	4.70	31.78

802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz_TX

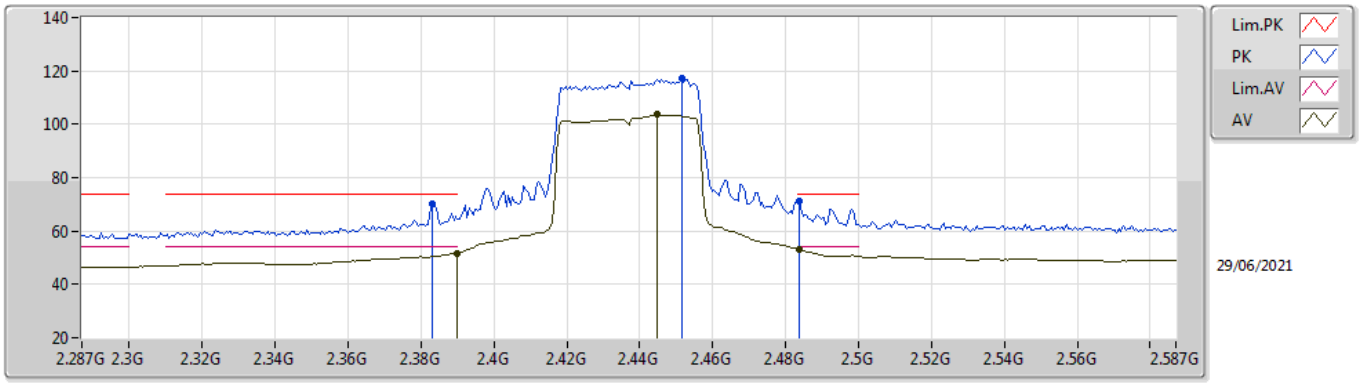


EUT Z_2TX_Dipole
Setting 82
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84666G	43.72	74.00	-30.28	37.91	3	Horizontal	150.1	1.96	-	32.89	4.70	31.78
AV	4.84494G	29.88	54.00	-24.12	24.08	3	Horizontal	150.1	1.96	-	32.88	4.70	31.78

802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz_TX

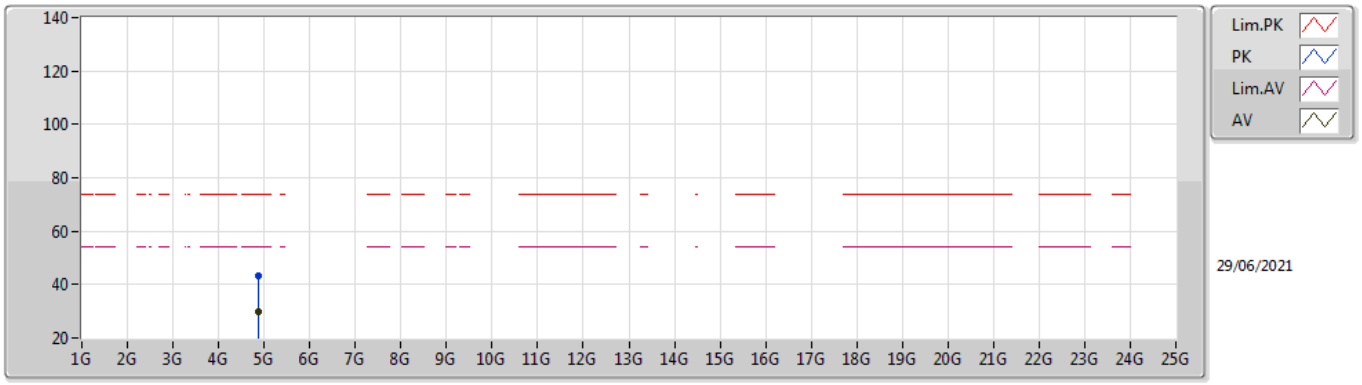


EUT Z_2TX_Dipole
Setting 84
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.383G	70.22	74.00	-3.78	39.44	3	Vertical	175	1.80	-	28.37	2.41	-
AV	2.39G	51.79	54.00	-2.21	21.00	3	Vertical	175	1.80	-	28.38	2.41	-
PK	2.4514G	117.30	Inf	-Inf	86.46	3	Vertical	175	1.80	-	28.41	2.43	-
AV	2.4448G	103.62	Inf	-Inf	72.80	3	Vertical	175	1.80	-	28.40	2.42	-
PK	2.4838G	71.31	74.00	-2.69	40.33	3	Vertical	175	1.80	-	28.54	2.44	-
AV	2.4838G	53.19	54.00	-0.81	22.21	3	Vertical	175	1.80	-	28.54	2.44	-

802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz_TX

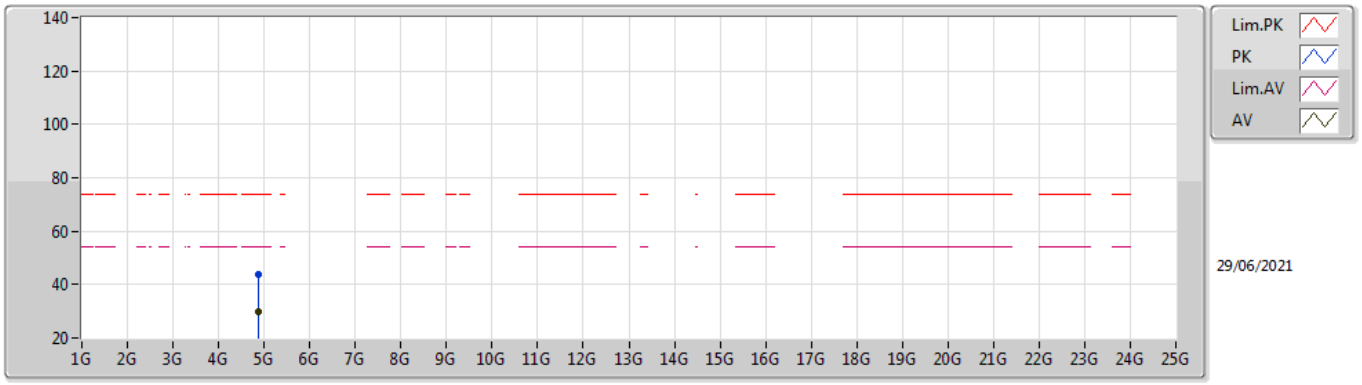


EUT Z_2TX_Dipole
Setting 84
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87016G	43.45	74.00	-30.55	37.60	3	Vertical	204	1.58	-	32.94	4.70	31.79
AV	4.87336G	29.76	54.00	-24.24	23.90	3	Vertical	204	1.58	-	32.95	4.70	31.79

802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz_TX

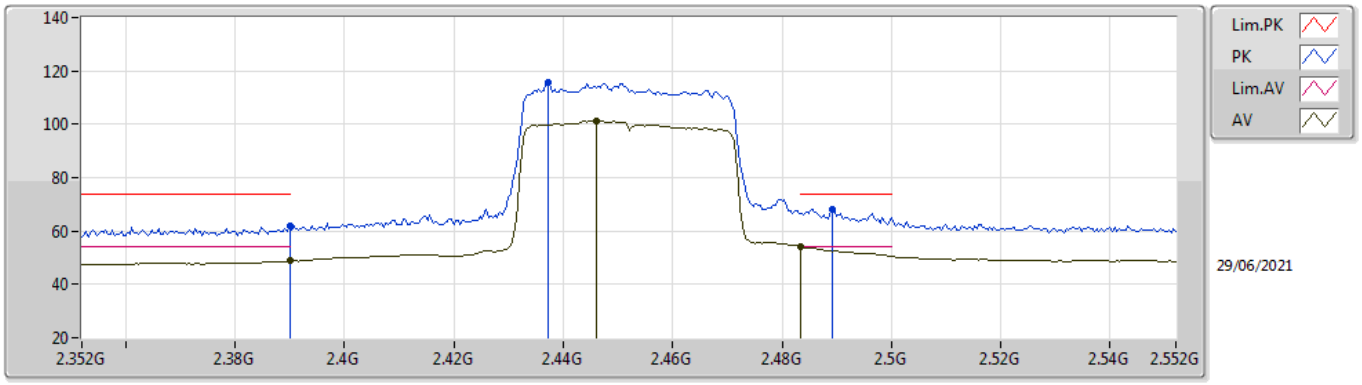


EUT Z_2TX_Dipole
Setting 84
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87132G	44.03	74.00	-29.97	38.18	3	Horizontal	229.2	1.87	-	32.94	4.70	31.79
AV	4.8734G	29.79	54.00	-24.21	23.93	3	Horizontal	229.2	1.87	-	32.95	4.70	31.79

802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz_TX

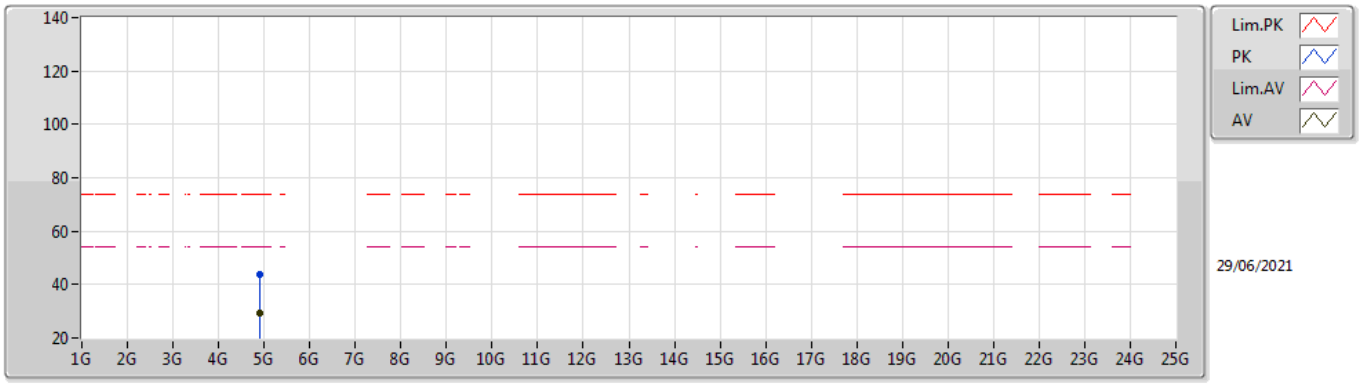


EUT Z_2TX_Dipole
Setting 74
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	2.39G	61.89	74.00	-12.11	31.10	3	Vertical	176	1.52	-	28.38	2.41	-	
AV	2.39G	48.85	54.00	-5.15	18.06	3	Vertical	176	1.52	-	28.38	2.41	-	
PK	2.4372G	115.69	Inf	-Inf	84.87	3	Vertical	176	1.52	-	28.40	2.42	-	
AV	2.446G	101.34	Inf	-Inf	70.52	3	Vertical	176	1.52	-	28.40	2.42	-	
PK	2.4892G	68.10	74.00	-5.90	37.10	3	Vertical	176	1.52	-	28.56	2.44	-	
AV	2.4835G	53.98	54.00	-0.02	23.01	3	Vertical	176	1.52	-	28.53	2.44	-	

802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz_TX

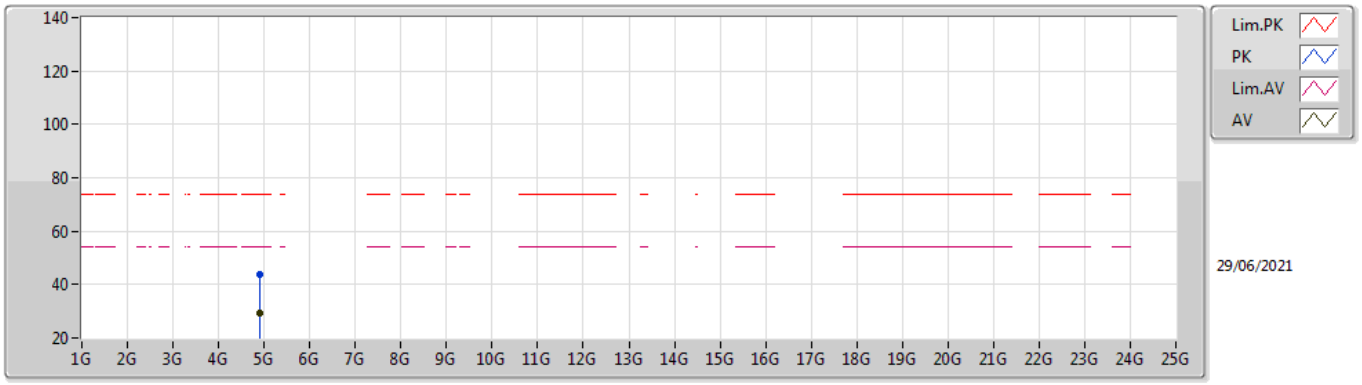


EUT Z_2TX_Dipole
Setting 74
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90238G	44.00	74.00	-30.00	38.09	3	Vertical	194	1.80	-	33.01	4.70	31.80
AV	4.90592G	29.47	54.00	-24.53	23.54	3	Vertical	194	1.80	-	33.04	4.70	31.81

802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz_TX



EUT Z_2TX_Dipole
Setting 74
02-B-B-3

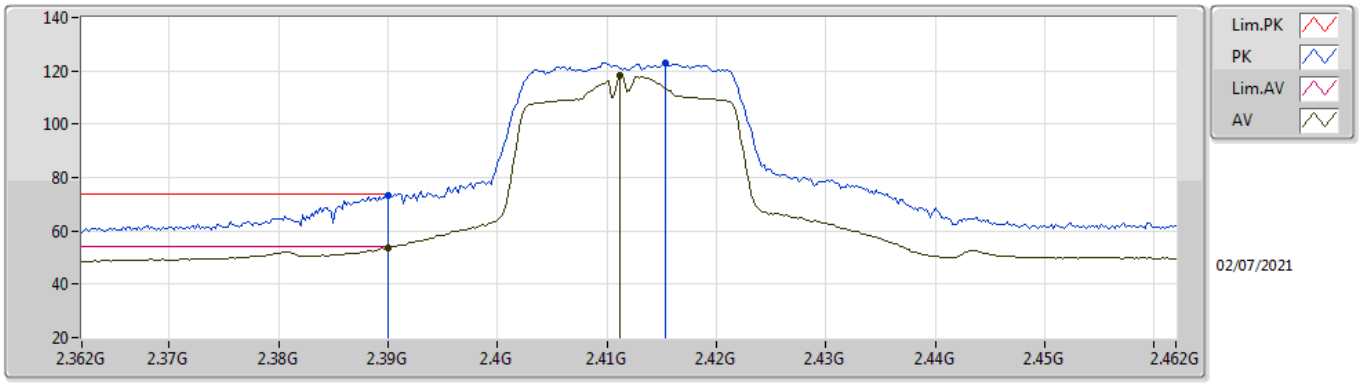
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90398G	43.82	74.00	-30.18	37.91	3	Horizontal	221	1.92	-	33.02	4.70	31.81
AV	4.90556G	29.46	54.00	-24.54	23.54	3	Horizontal	221	1.92	-	33.03	4.70	31.81

For 2T1S / Beamforming mode
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.96	54.00	-0.04	3	Vertical	218	1.80	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

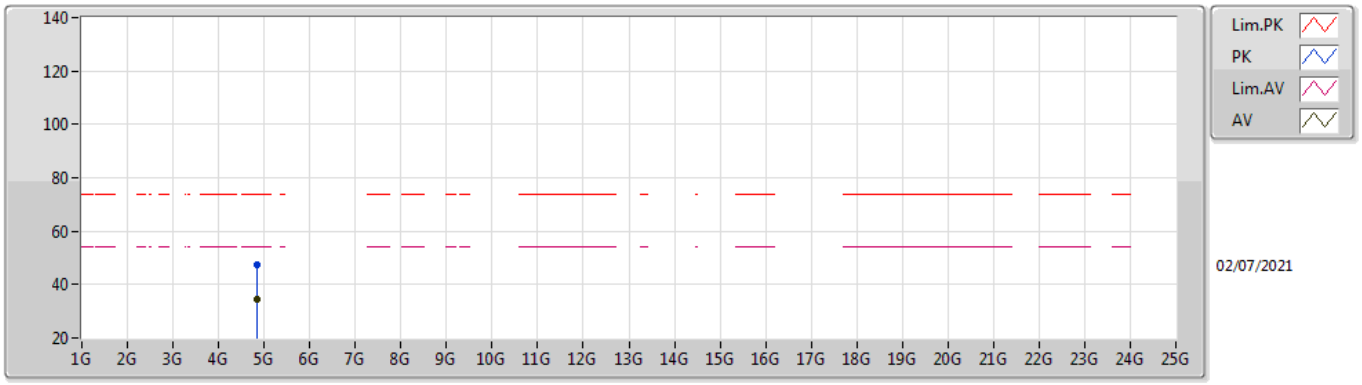


EUT Z_2TX
Setting 79
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	73.36	74.00	-0.64	42.57	3	Vertical	159	1.66	-	28.38	2.41	-
AV	2.39G	53.81	54.00	-0.19	23.02	3	Vertical	159	1.66	-	28.38	2.41	-
PK	2.4154G	122.98	Inf	-Inf	92.17	3	Vertical	159	1.66	-	28.40	2.41	-
AV	2.4112G	118.32	Inf	-Inf	87.51	3	Vertical	159	1.66	-	28.40	2.41	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

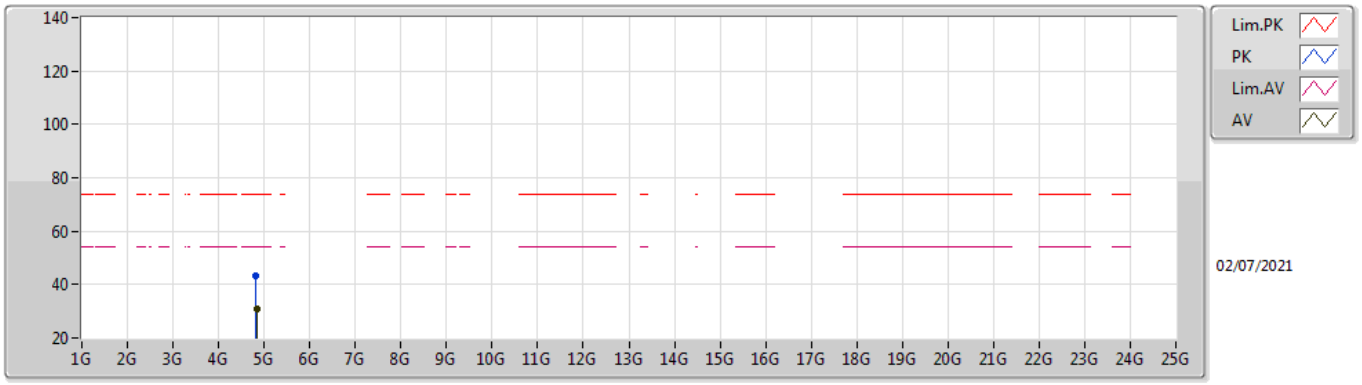


EUT Z_2TX
Setting 79
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8422G	47.36	74.00	-26.64	41.57	3	Vertical	156	2.50	-	32.87	4.70	31.78
AV	4.8389G	34.66	54.00	-19.34	28.88	3	Vertical	156	2.50	-	32.86	4.70	31.78

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

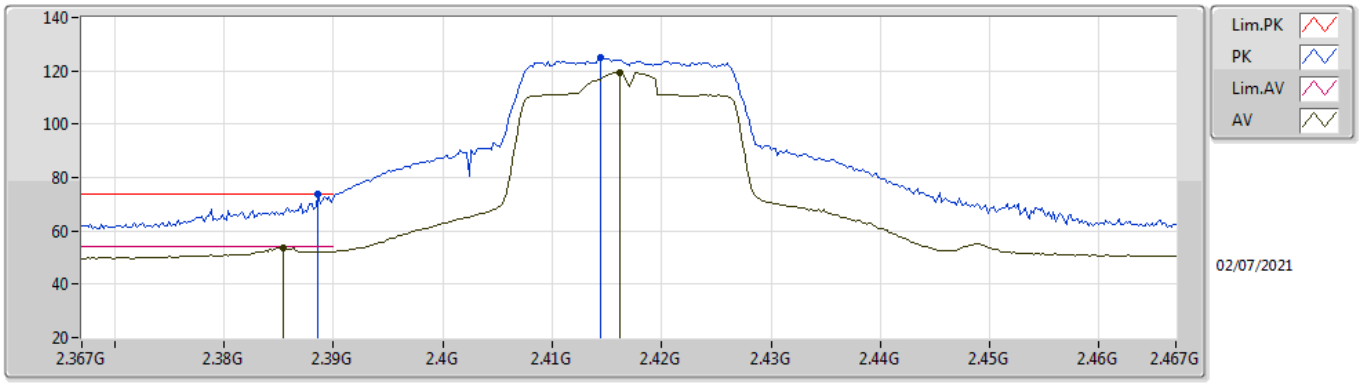


EUT Z_2TX
Setting 79
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8193G	43.53	74.00	-30.47	37.82	3	Horizontal	78	2.61	-	32.78	4.70	31.77
AV	4.8341G	30.89	54.00	-23.11	25.13	3	Horizontal	78	2.61	-	32.84	4.70	31.78

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

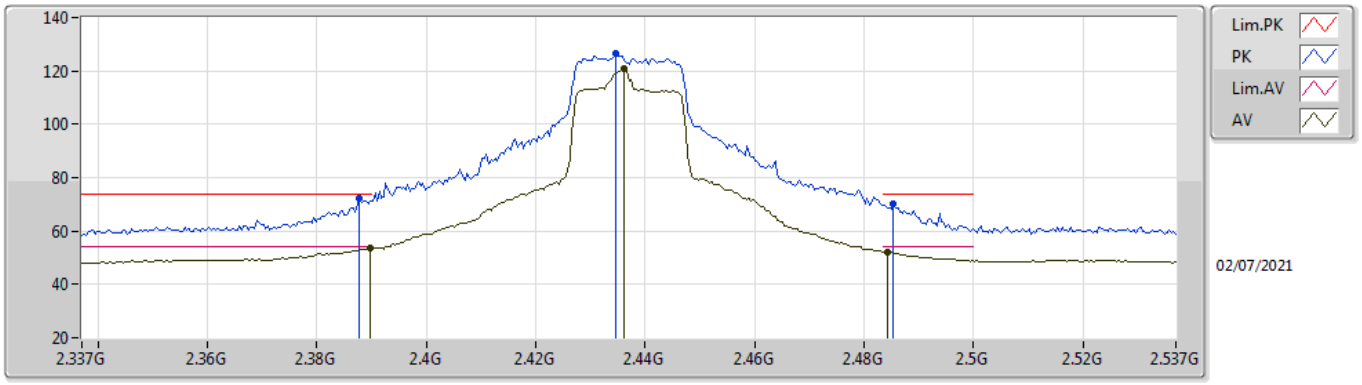


EUT Z_2TX
Setting 88
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	73.76	74.00	-0.24	42.97	3	Vertical	162	1.48	-	28.38	2.41	-
AV	2.3854G	53.65	54.00	-0.35	22.87	3	Vertical	162	1.48	-	28.37	2.41	-
PK	2.4144G	124.96	Inf	-Inf	94.15	3	Vertical	162	1.48	-	28.40	2.41	-
AV	2.4162G	119.31	Inf	-Inf	88.50	3	Vertical	162	1.48	-	28.40	2.41	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

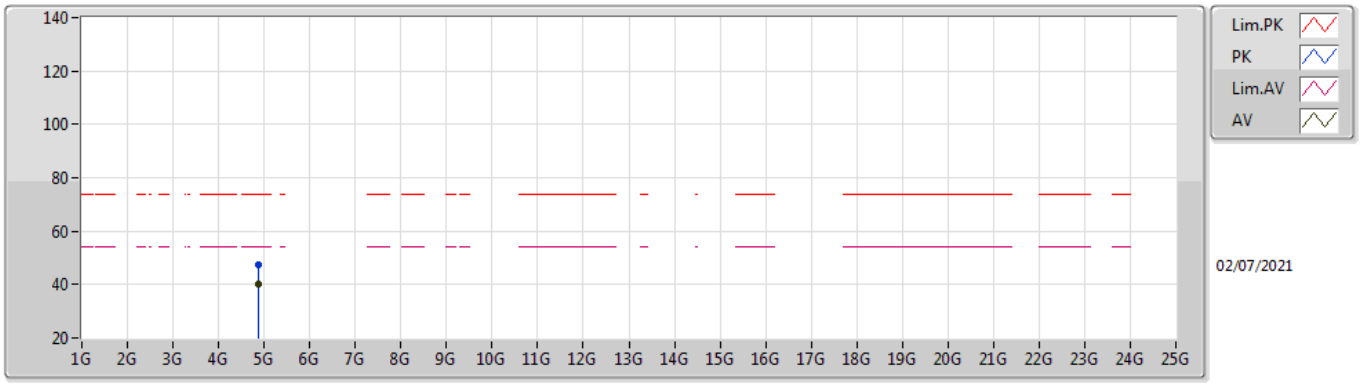


EUT Z_2TX
Setting 106
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	72.24	74.00	-1.76	41.45	3	Vertical	105	1.80	-	28.38	2.41	-
AV	2.3898G	53.80	54.00	-0.20	23.01	3	Vertical	105	1.80	-	28.38	2.41	-
PK	2.4346G	126.56	Inf	-Inf	95.74	3	Vertical	105	1.80	-	28.40	2.42	-
AV	2.4362G	120.75	Inf	-Inf	89.93	3	Vertical	105	1.80	-	28.40	2.42	-
PK	2.4854G	70.39	74.00	-3.61	39.41	3	Vertical	105	1.80	-	28.54	2.44	-
AV	2.4842G	52.28	54.00	-1.72	21.30	3	Vertical	105	1.80	-	28.54	2.44	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

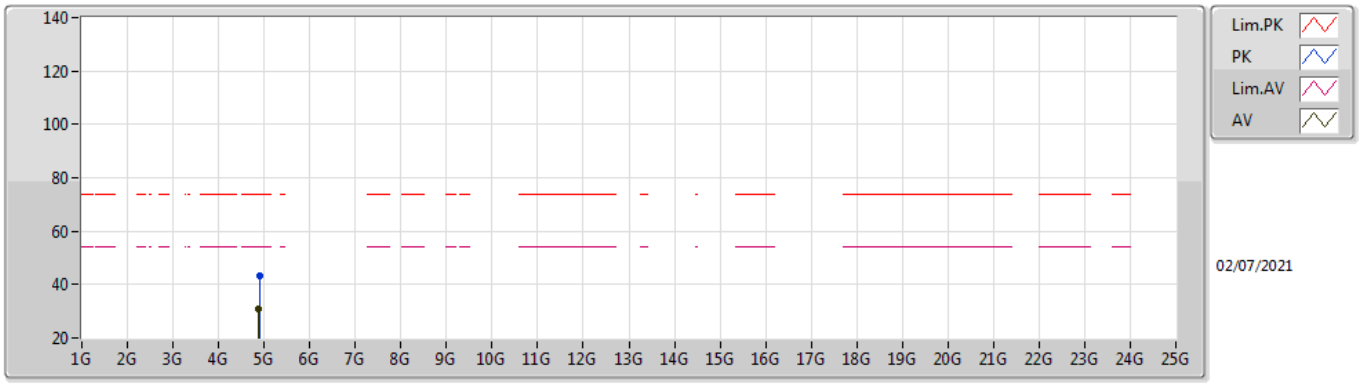


EUT Z_2TX
Setting 106
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8739G	47.43	74.00	-26.57	41.57	3	Vertical	192	3.00	-	32.95	4.70	31.79
AV	4.8741G	40.19	54.00	-13.81	34.33	3	Vertical	192	3.00	-	32.95	4.70	31.79

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

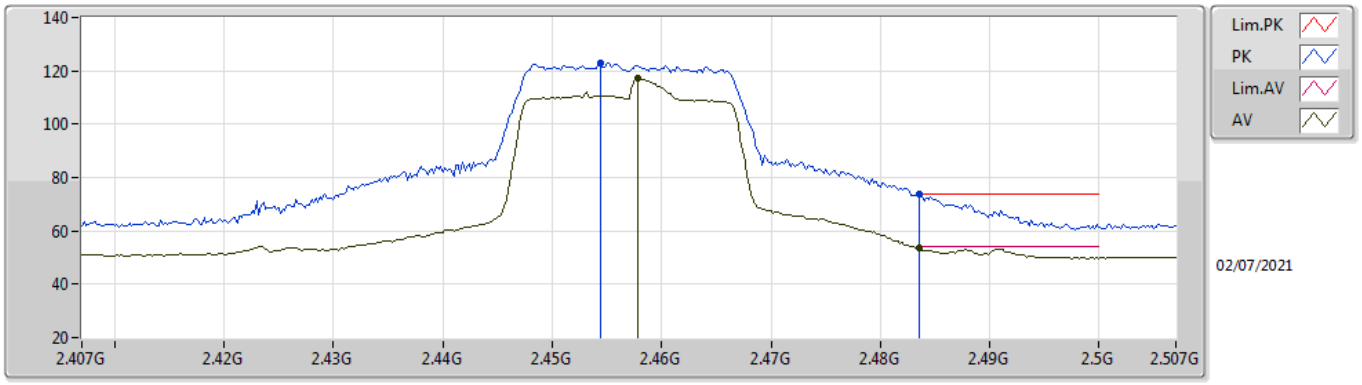


EUT Z_2TX
Setting 106
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8963G	43.39	74.00	-30.61	37.50	3	Horizontal	301	2.37	-	32.99	4.70	31.80
AV	4.8625G	30.92	54.00	-23.08	25.09	3	Horizontal	301	2.37	-	32.92	4.70	31.79

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

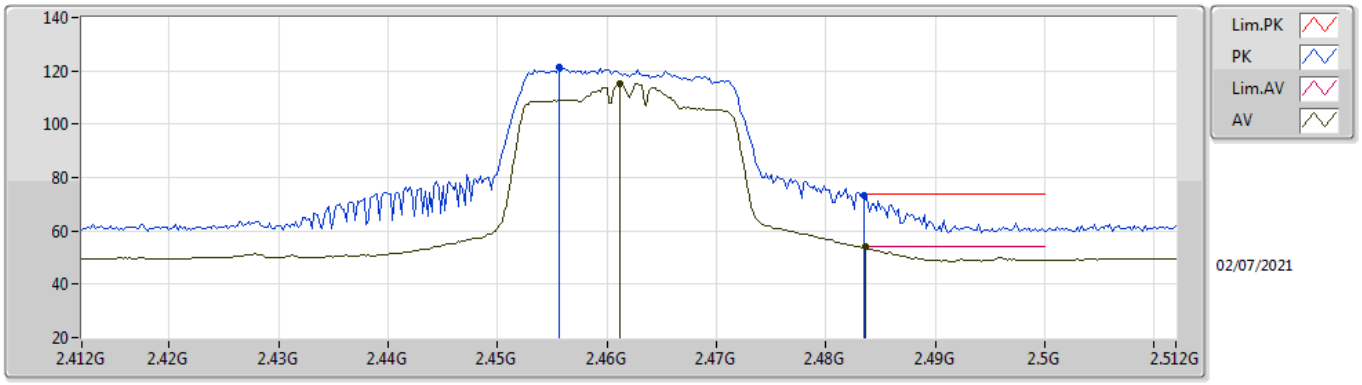


EUT Z_2TX
Setting 91
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4544G	122.84	Inf	-Inf	91.99	3	Vertical	260	1.26	-	28.42	2.43	-
AV	2.4578G	117.34	Inf	-Inf	86.48	3	Vertical	260	1.26	-	28.43	2.43	-
PK	2.4835G	73.78	74.00	-0.22	42.81	3	Vertical	260	1.26	-	28.53	2.44	-
AV	2.4836G	53.62	54.00	-0.38	22.65	3	Vertical	260	1.26	-	28.53	2.44	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

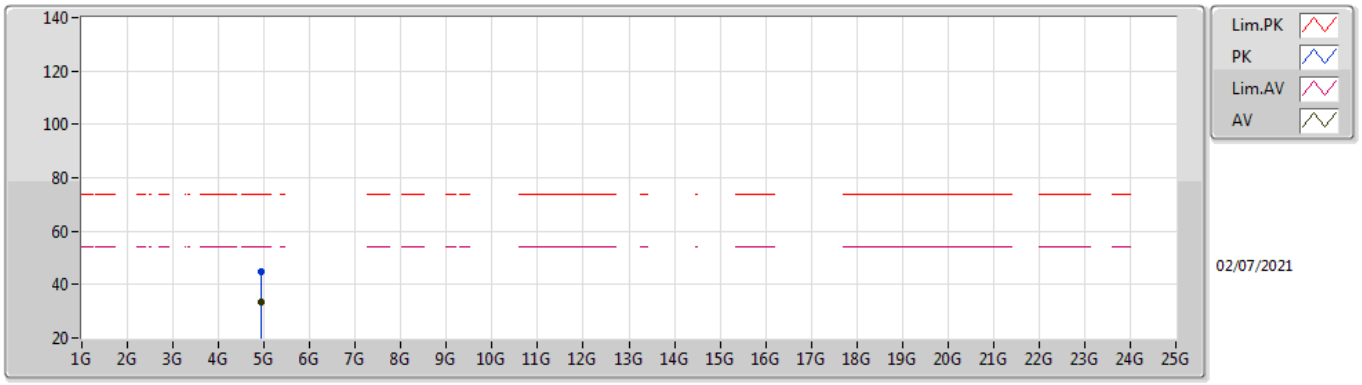


EUT Z_2TX
Setting 82
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4556G	121.31	Inf	-Inf	90.46	3	Vertical	259	1.05	-	28.42	2.43	-
AV	2.4612G	115.34	Inf	-Inf	84.47	3	Vertical	259	1.05	-	28.44	2.43	-
PK	2.4835G	73.17	74.00	-0.83	42.20	3	Vertical	259	1.05	-	28.53	2.44	-
AV	2.4836G	53.88	54.00	-0.12	22.91	3	Vertical	259	1.05	-	28.53	2.44	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

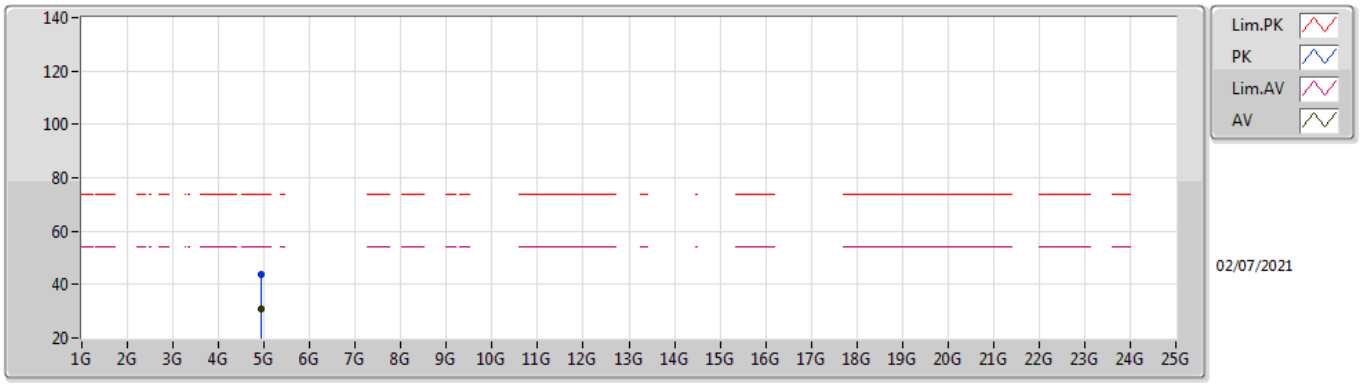


EUT Z_2TX
Setting 82
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9338G	44.80	74.00	-29.20	38.72	3	Vertical	313	3.00	-	33.20	4.70	31.82
AV	4.9355G	33.27	54.00	-20.73	27.18	3	Vertical	313	3.00	-	33.21	4.70	31.82

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

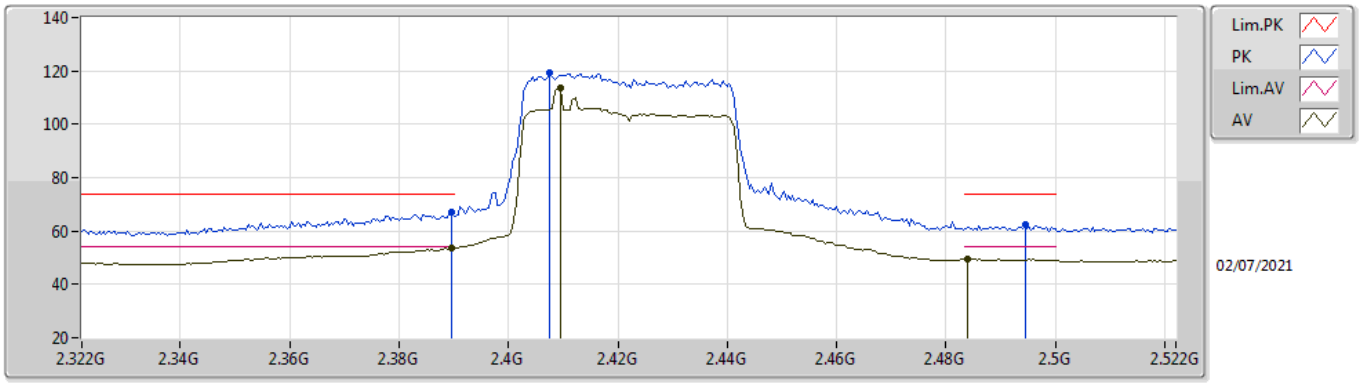


EUT Z_2TX
Setting 82
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9472G	43.63	74.00	-30.37	37.47	3	Horizontal	165	2.93	-	33.28	4.70	31.82
AV	4.928G	30.81	54.00	-23.19	24.75	3	Horizontal	165	2.93	-	33.17	4.70	31.81

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

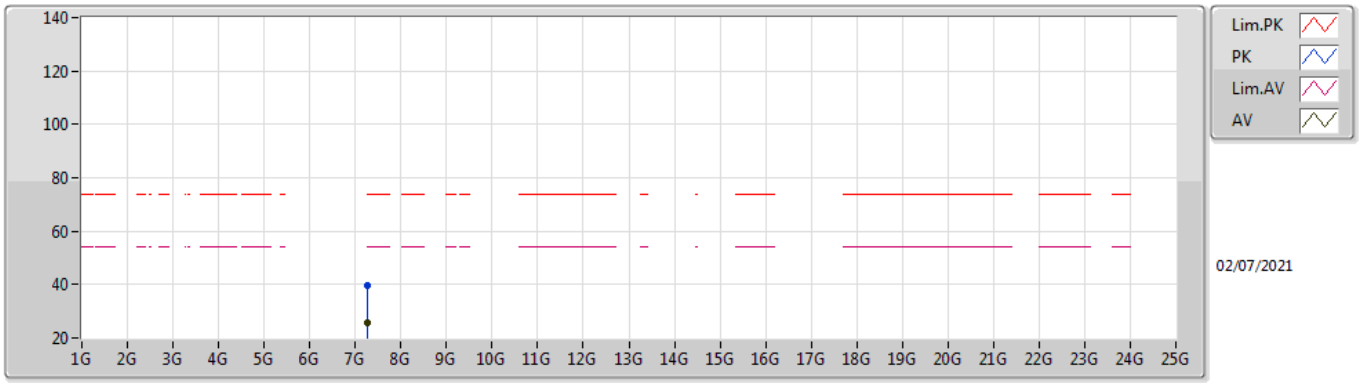


EUT Z_2TX
Setting 91
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	67.29	74.00	-6.71	36.50	3	Vertical	186	1.80	-	28.38	2.41	-
AV	2.3896G	53.77	54.00	-0.23	22.98	3	Vertical	186	1.80	-	28.38	2.41	-
PK	2.4076G	119.42	Inf	-Inf	88.62	3	Vertical	186	1.80	-	28.40	2.40	-
AV	2.4096G	113.49	Inf	-Inf	82.69	3	Vertical	186	1.80	-	28.40	2.40	-
PK	2.4944G	62.37	74.00	-11.63	31.34	3	Vertical	186	1.80	-	28.58	2.45	-
AV	2.484G	49.45	54.00	-4.55	18.47	3	Vertical	186	1.80	-	28.54	2.44	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

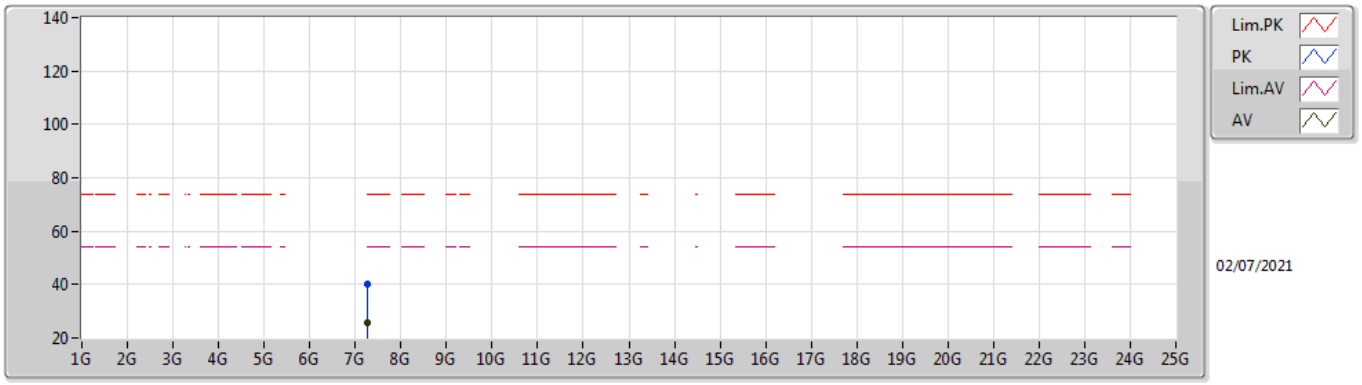


EUT Z_2TX
Setting 91
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.26544G	39.53	74.00	-34.47	30.02	3	Vertical	214	1.05	-	36.19	5.73	32.41
AV	7.27094G	25.79	54.00	-28.21	16.23	3	Vertical	214	1.05	-	36.23	5.74	32.41

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

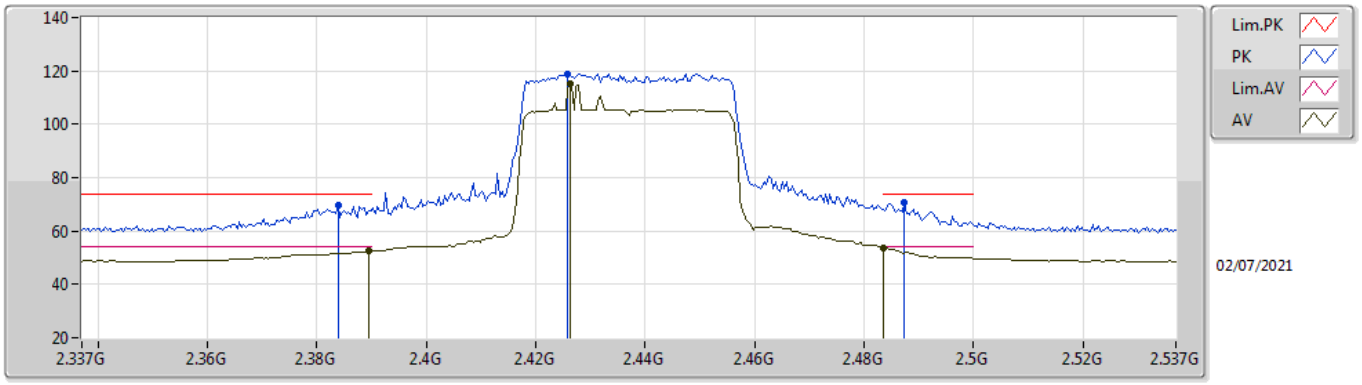


EUT Z_2TX
Setting 91
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.26938G	39.99	74.00	-34.01	30.45	3	Horizontal	352	1.41	-	36.22	5.73	32.41
AV	7.26128G	25.84	54.00	-28.16	16.34	3	Horizontal	352	1.41	-	36.17	5.73	32.40

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

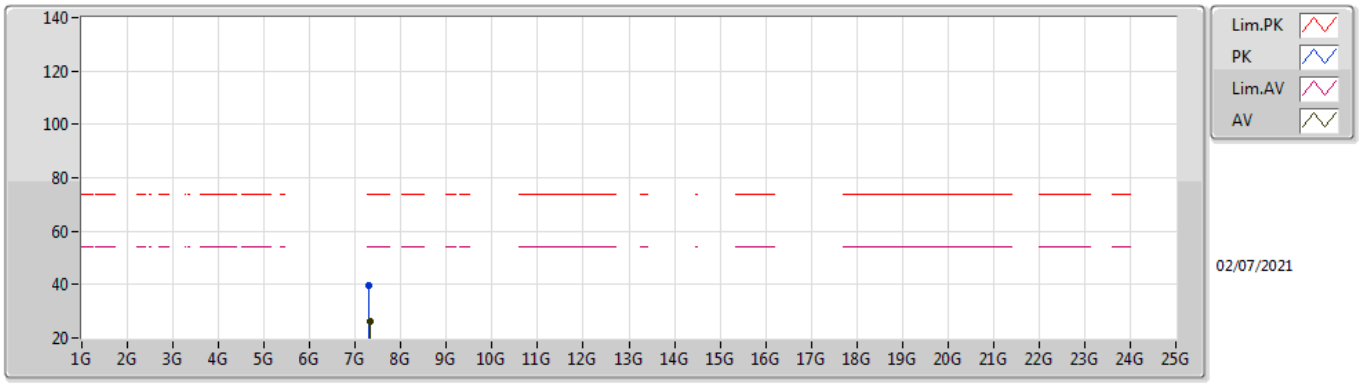


EUT Z_2TX
Setting 88
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3838G	69.43	74.00	-4.57	38.65	3	Vertical	15	1.79	-	28.37	2.41	-
AV	2.3894G	52.37	54.00	-1.63	21.58	3	Vertical	15	1.79	-	28.38	2.41	-
PK	2.4258G	118.85	Inf	-Inf	88.04	3	Vertical	15	1.79	-	28.40	2.41	-
AV	2.4262G	115.07	Inf	-Inf	84.26	3	Vertical	15	1.79	-	28.40	2.41	-
PK	2.4874G	70.48	74.00	-3.52	39.49	3	Vertical	15	1.79	-	28.55	2.44	-
AV	2.4835G	53.76	54.00	-0.24	22.79	3	Vertical	15	1.79	-	28.53	2.44	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

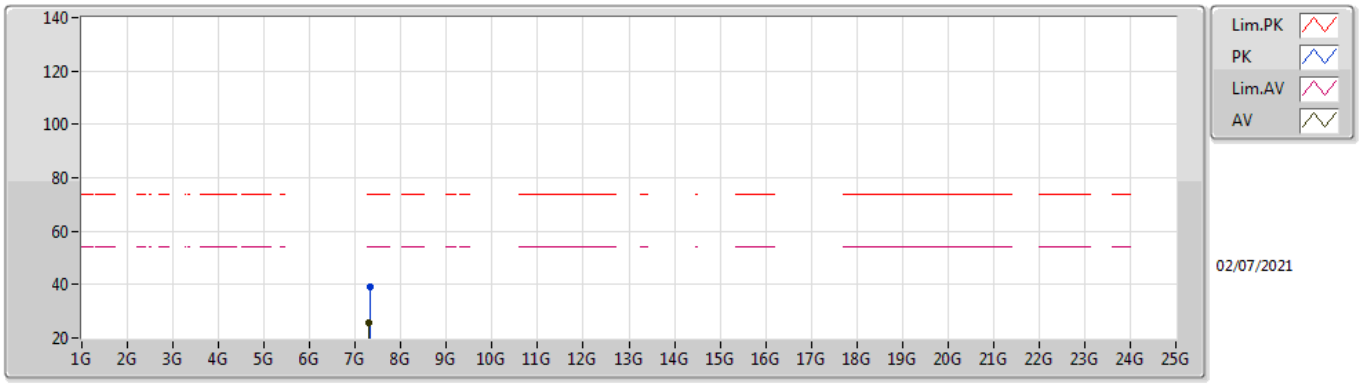


EUT Z_2TX
Setting 88
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.3083G	39.51	74.00	-34.49	29.76	3	Vertical	2	2.13	-	36.42	5.75	32.42
AV	7.31486G	25.99	54.00	-28.01	16.23	3	Vertical	2	2.13	-	36.43	5.76	32.43

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

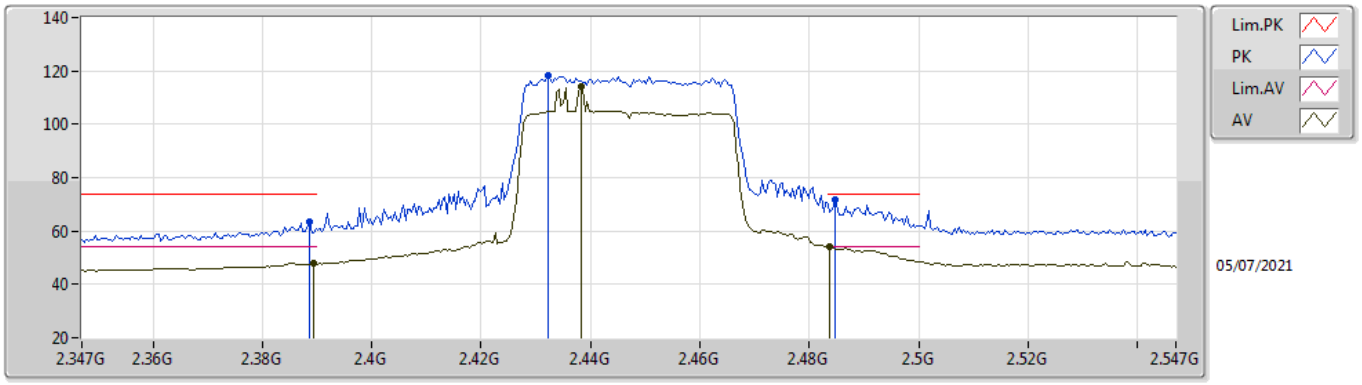


EUT Z_2TX
Setting 88
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.3155G	39.31	74.00	-34.69	29.55	3	Horizontal	25	1.80	-	36.43	5.76	32.43
AV	7.30934G	25.89	54.00	-28.11	16.14	3	Horizontal	25	1.80	-	36.42	5.75	32.42

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2447MHz_TX

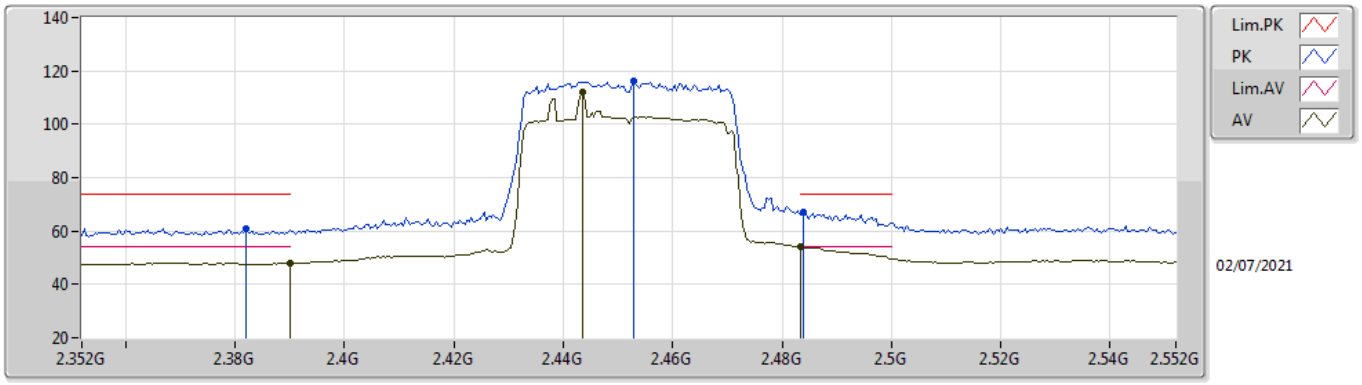


EUT Z_2TX
Setting 83
01-F-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	63.42	74.00	-10.58	33.85	3	Vertical	360	1.37	-	27.38	2.19	-
AV	2.3894G	48.03	54.00	-5.97	18.46	3	Vertical	360	1.37	-	27.38	2.19	-
PK	2.4322G	118.28	Inf	-Inf	88.59	3	Vertical	360	1.37	-	27.46	2.23	-
AV	2.4382G	114.12	Inf	-Inf	84.40	3	Vertical	360	1.37	-	27.48	2.24	-
PK	2.4846G	71.50	74.00	-2.50	41.51	3	Vertical	360	1.37	-	27.71	2.28	-
AV	2.4838G	53.93	54.00	-0.07	23.95	3	Vertical	360	1.37	-	27.70	2.28	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

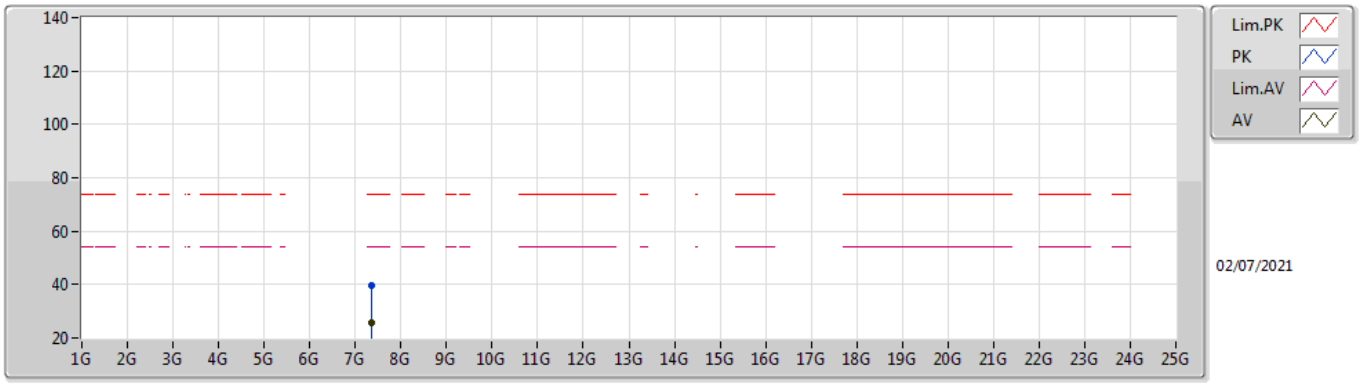


EUT Z_2TX
Setting 69
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.382G	60.97	74.00	-13.03	30.20	3	Vertical	218	1.80	-	28.36	2.41	-
AV	2.39G	48.09	54.00	-5.91	17.30	3	Vertical	218	1.80	-	28.38	2.41	-
PK	2.4528G	115.96	Inf	-Inf	85.12	3	Vertical	218	1.80	-	28.41	2.43	-
AV	2.4436G	112.02	Inf	-Inf	81.20	3	Vertical	218	1.80	-	28.40	2.42	-
PK	2.484G	67.15	74.00	-6.85	36.17	3	Vertical	218	1.80	-	28.54	2.44	-
AV	2.4835G	53.96	54.00	-0.04	22.99	3	Vertical	218	1.80	-	28.53	2.44	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

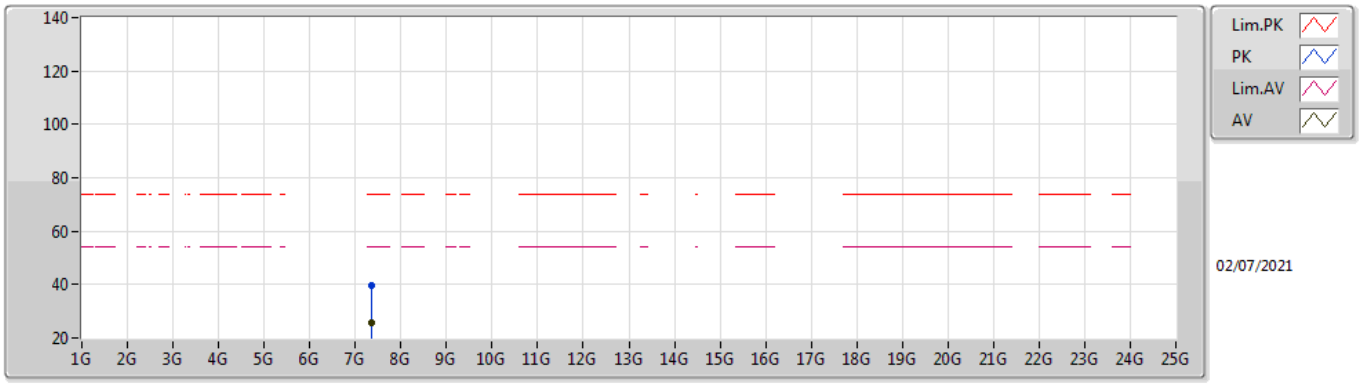


EUT Z_2TX
Setting 69
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.35502G	39.52	74.00	-34.48	29.67	3	Vertical	71	2.35	-	36.51	5.78	32.44
AV	7.35926G	25.92	54.00	-28.08	16.06	3	Vertical	71	2.35	-	36.52	5.78	32.44

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX



EUT Z_2TX
Setting 69
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.36058G	39.70	74.00	-34.30	29.84	3	Horizontal	280	1.48	-	36.52	5.78	32.44
AV	7.36052G	25.91	54.00	-28.09	16.05	3	Horizontal	280	1.48	-	36.52	5.78	32.44