RADIO TEST REPORT

FCC ID	:	MSQ-RTAX2E01
Equipment	:	RT-AX89X Dual-band Wi-Fi Router
Brand Name	:	ASUS
Model Name	:	RT-AX89X
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Manufacturer (1)	:	Datamax Electronics (DongGuan) Co., Ltd. Niu Shan Foreign Economic Industrial Park, Dong Cheng District, Dong Guan City, Guang Dong, China
Manufacturer (2)	:	Lukisen Electronic Corp. 3F.,No.236,Boai St., Shulin Dist.,New Taipei City 23845, Taiwan
Manufacturer (3)	:	Lih Rong Electronic Enterprise Co.,Ltd. No. 486, Sec. 1, Wanshou Road, Guishan District, Taoyuan City, Taiwan
Manufacturer (4)	:	ASKEY COMPUTER CORP. 5F,NO.119,JIANKANG RD., ZHONGHE DIST.,NEW TAIPEI CITY 23585, TAIWAN, R.O.C.
Standard	:	47 CFR FCC Part 15.247

The product was received on Jun. 09, 2021, and testing was started from Jun. 22, 2021 and completed on Oct. 09, 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
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History of this test report

Report No.	Version	Description	Issued Date
FR160707AA	01	Initial issue of report	Nov. 09, 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:
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	11b	20	4
2.4-2.4835GHz	11g	20	4
2.4-2.4835GHz	802.11n HT20	20	4
2.4-2.4835GHz	802.11n HT20-BF	20	4
2.4-2.4835GHz	VHT20	20	4
2.4-2.4835GHz	VHT20-BF	20	4
2.4-2.4835GHz	802.11ax HEW20	20	4
2.4-2.4835GHz	802.11ax HEW20-BF	20	4
2.4-2.4835GHz	802.11n HT40	40	4
2.4-2.4835GHz	802.11n HT40-BF	40	4
2.4-2.4835GHz	VHT40	40	4
2.4-2.4835GHz	VHT40-BF	40	4
2.4-2.4835GHz	802.11ax HEW40	40	4
2.4-2.4835GHz	802.11ax HEW40-BF	40	4

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.	2.4GHz Port	5GHz Port	Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	4	Whayu	C660-510457-A	Dipole	I-PEX	Note 1
2	3	3	Whayu	C660-510458-A	Dipole	I-PEX	
3	2	2	Whayu	C660-510459-A	Dipole	I-PEX	
4	-	8	Whayu	C660-510460-A	Dipole	I-PEX	
5	-	7	Whayu	C660-510461-A	Dipole	I-PEX	
6	-	6	Whayu	C660-510462-A	Dipole	I-PEX	
7	-	5	Whayu	C660-510463-A	Dipole	I-PEX	
8	4	-	Whayu	C660-510464-A	Dipole	I-PEX	
9	-	1	Whayu	C660-510465-A	PIFA	I-PEX	

Note 1:

Ant.	Gain (dBi)				
	2.4GHz	UNII 1	UNII 2A	UNII 2C	UNII 3
1	3.49	3.47	2.68	3.13	2.82
2	3.31	2.72	2.47	1.75	3.44
3	2.67	2.65	2.53	2.27	2.54
4	-	1.92	2.85	1.5	2.63
5	-	2.26	2.11	1.57	2.63
6	-	1.79	2.53	1.7	1.85
7	-	1.14	1.79	0.81	1.09
8	2.72	-	-	-	-
9	-	2.73	3.04	2.26	3.01

Ant.	Directional Gain (dBi)		
	2.4GHz		
	4T1S	4T2S	4T4S
1	5.77	3.49	1.3
2			
3			
4			

Ant.	Directional Gain (dBi)															
	5GHz															
	UNII 1				UNII 2A				UNII 2C				UNII 3			
	8T1S	8T2S	8T4S	8T8S	8T1S	8T2S	8T4S	8T8S	8T1S	8T2S	8T4S	8T8S	8T1S	8T2S	8T4S	8T8S
1	7.19	4.19	3.47	-0.03	7.61	4.61	3.04	-0.03	7.31	4.31	3.13	-0.47	7.04	4.04	3.44	0.37
2																
3																
4																
5																
6																
7																
9																

Note 2: The directional gain is measured which follows the procedure of KDB 662911 D03. The antenna report is provided in the operational description for this application.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax mode (8TX/8RX)

Port 1 ~ Por 8 can be used as transmitting/receiving antenna.

Port 1 ~ Por 8 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

For 4T1S non beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.703	1.53	760u	3k
802.11g	0.96	0.18	2.04m	1k
802.11ax HEW20	0.952	0.21	5.52m	300
802.11ax HEW40	0.892	0.5	5.52m	300

For 4T1S beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.946	0.24	1.76m	1k
802.11ax HEW40-BF	0.929	0.32	1.76m	1k

For 4T2S beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.882	0.55	1.8m	1k
802.11ax HEW40-BF	0.794	1	1.8m	1k

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/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Non beamfoming mode: QSPR V5.0-00188 Beamforming mode: DOS V 6.1.7601			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports function

Function	Supports type
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note: The AP Router (Master) mode has been tested and recorded in this test report.

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 D03 v01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Owen hsu	25-27 / 53-56	Jul. 03, 2021~Oct. 09, 2021
Radiated below 1GHz	03CH05-CB	Nyle Chang	23.5-24.6 / 55-59	Jun. 22, 2021~Sep. 28, 2021
Radiated above 1GHz		For co-location: Nyle Chang	23.9-24.8 / 55-58	Sep. 27, 2021
Radiated above 1GHz	03CH02-CB	For 4T1S non beamforming mode (band edge and Harmonic): Nyle Chang	24.4-25.5 / 55-58	Jun. 22, 2021~Sep. 28, 2021
		For 4T2S beamforming mode (band edge): Nyle Chang	24.4-25.5 / 55-58	
		For 4T2S beamforming mode (Harmonic): Nyle Chang	24.4-25.5 / 55-58	
			24.6-25.7 / 55-58	
Radiated above 1GHz	03CH04-CB	For 4T1S beamforming mode (band edge and Harmonic): Nyle Chang	24.3-25.4 / 55-58	
AC Conduction	CO01-CB	Peter Wu	23-24 / 49-51	Sep. 14, 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 4T1S non beamforming mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	23.5
2417MHz	23.5
2437MHz	24.5
2457MHz	24.5
2462MHz	24
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	20.5
2417MHz	23.5
2437MHz	24.5
2457MHz	24
2462MHz	23
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	21.5
2417MHz	24
2437MHz	24.5
2457MHz	23
2462MHz	19.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	20
2427MHz	20
2437MHz	23.5
2447MHz	19.5
2452MHz	18.5

For 4T1S beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	25
2417MHz	28
2437MHz	30
2457MHz	29
2462MHz	25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	23
2427MHz	26
2437MHz	28
2447MHz	24
2452MHz	24

For 4T2S beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-
2412MHz	28
2437MHz	29
2457MHz	29
2462MHz	26
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-
2422MHz	25
2427MHz	25
2437MHz	29
2447MHz	26
2452MHz	26

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

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	AP Router - EUT + Adapter 1
2	AP Router - EUT + Adapter 2
3	AP Router - EUT + Adapter 3
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT in Z axis_2.4GHz + Adapter 1
2	EUT in Z axis_2.4GHz + Adapter 2
3	EUT in Z axis_2.4GHz + Adapter 3
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT_5GHz + Adapter 1
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT in Z axis_2.4GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA160707 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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

The program was executed as follows:

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

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**Remark**
Adapter 1	DELTA	ADP-65DE B	INPUT: 100-240V, 1.5A, 50-60Hz OUTPUT: 19.0V, 3.42A, 65.0W	DC power cable, non shieled, 1.5m
Adapter 2	DELTA	ADP-65GD D	INPUT: 100-240V, 50-60Hz, 1.5A OUTPUT: 19.0V, 3.42A, 65.0W	DC power cable, non shieled, 1.6m
Adapter 3	AcBel	ADD011	INPUT: 100-240V, 1.7A, 50-60Hz OUTPUT: 19.5V, 3.33A, 65.0W MAX.	DC power cable, non shieled, 1.5m
Others				
US power cord*1, non shieled, 0.9m				
RJ-45 cable*1, Shielede, 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	10G LAN PC	DELL	T3400	N/A
B	10G SFP PC	DELL	T3400	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	Flash disk3.0	Transcend	JetFlash-700	N/A
F	Flash disk3.0	Transcend	JetFlash-700	N/A
G	WAN NB	DELL	E6430	N/A
H	LAN1 NB	DELL	E6430	N/A
I	LAN8 NB	DELL	E6430	N/A

For Radiated (below 1GHz) and Radiated (above 1GHz) for non beamforming mode:

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

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-AX89X 2.0	N/A
C	Notebook	DELL	E4300	N/A

For RF Conducted:
For non beamforming mode

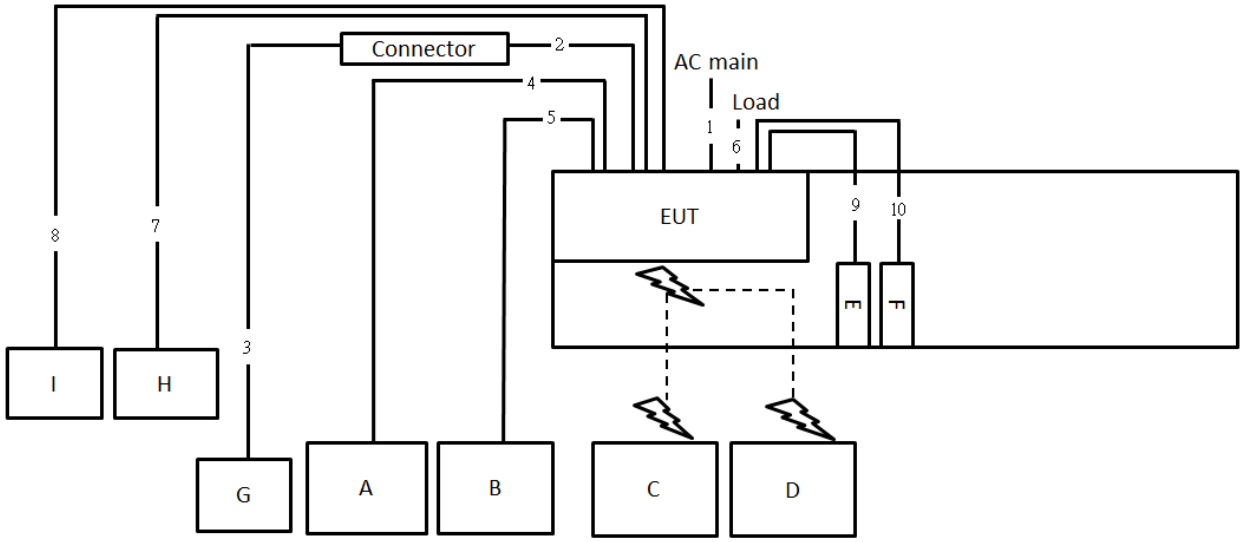
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

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

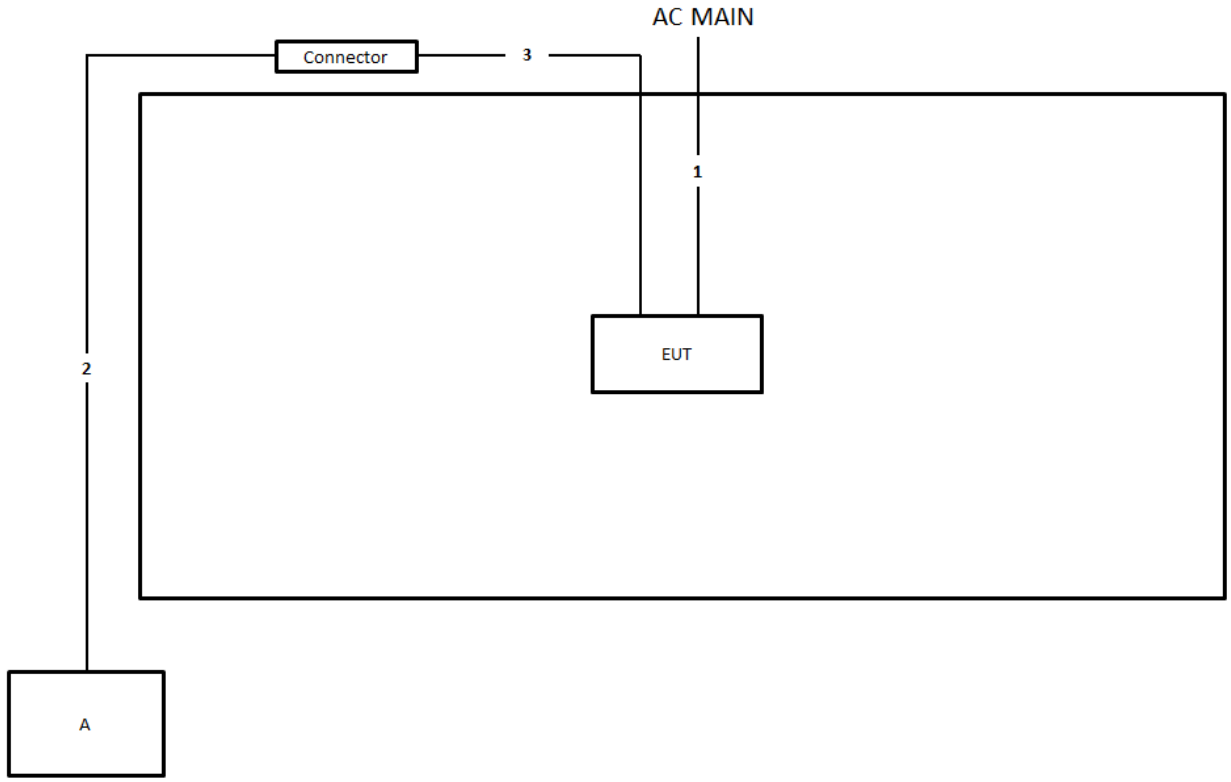
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



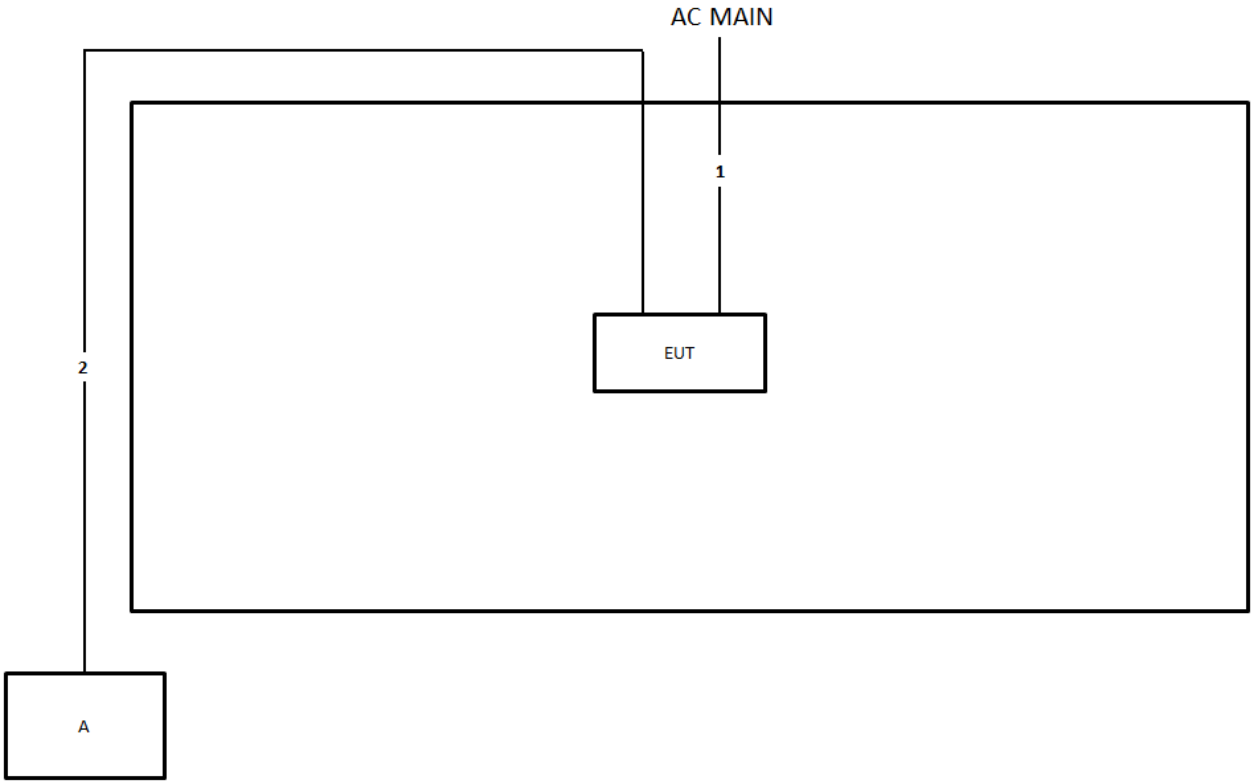
Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	Yes	1.5m
3	RJ-45 cable	Yes	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	RJ-45 cable*6	No	1.5m
7	RJ-45 cable	No	10m
8	RJ-45 cable	No	10m
9	USB cable	Yes	1.8m
10	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test < 1GHz



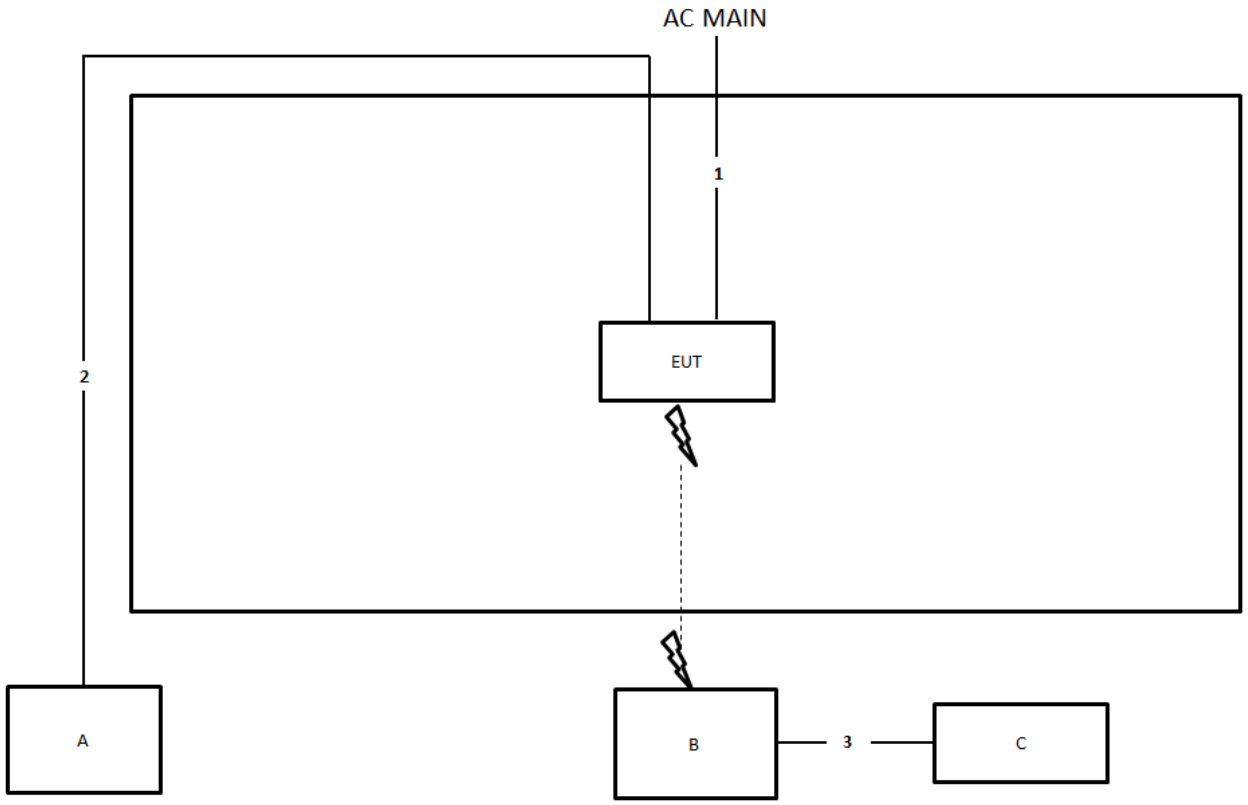
Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m
3	RJ-45 cable	Yes	1.5m

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



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m

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



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
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

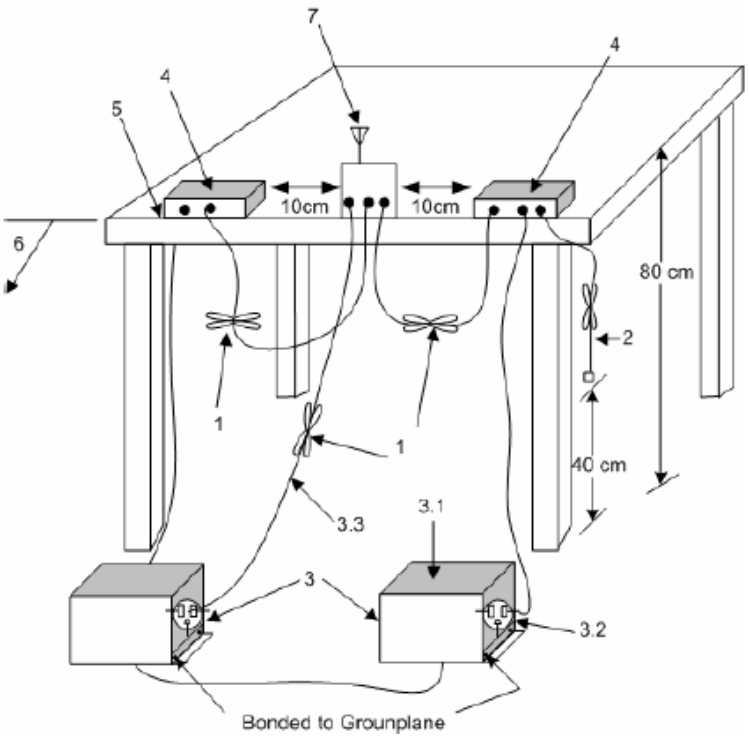
Refer a test equipment and calibration data table in this test report.

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.

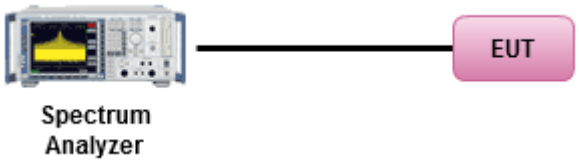
3.2.2 Measuring Instruments

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

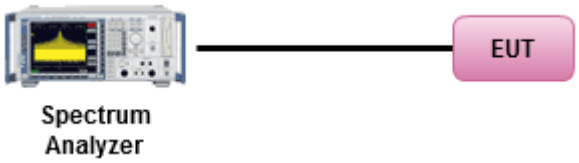
3.4.2 Measuring Instruments

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

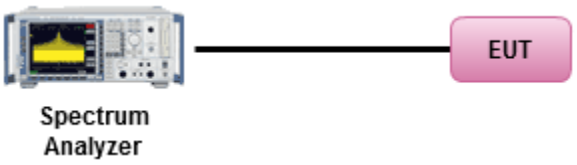
Refer a test equipment and calibration data table in this test report.

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.

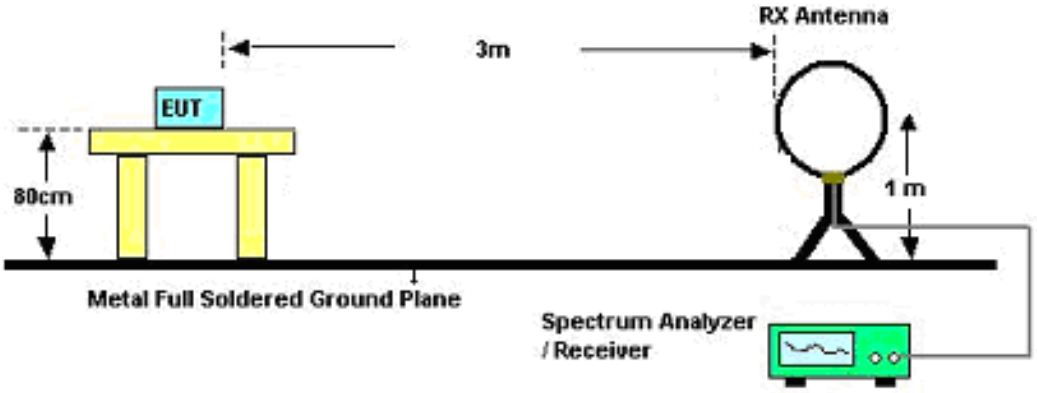
3.6.3 Test Procedures

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.

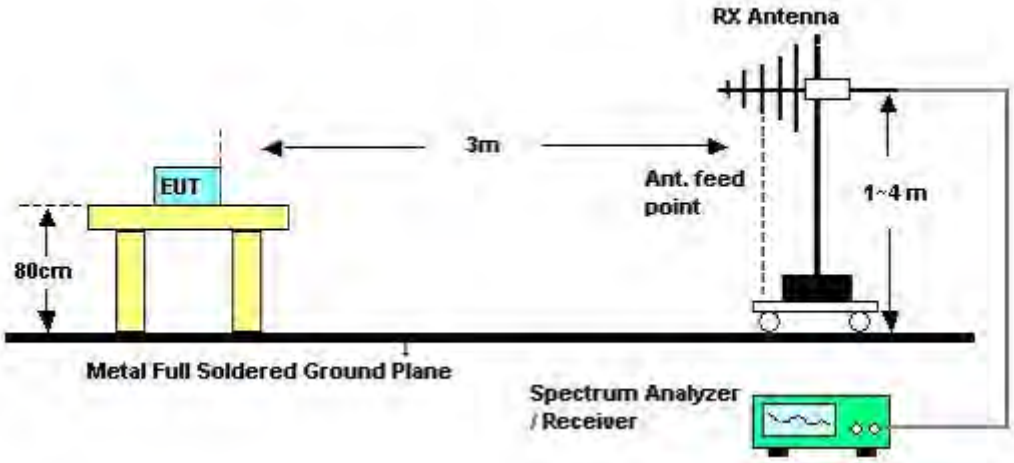
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

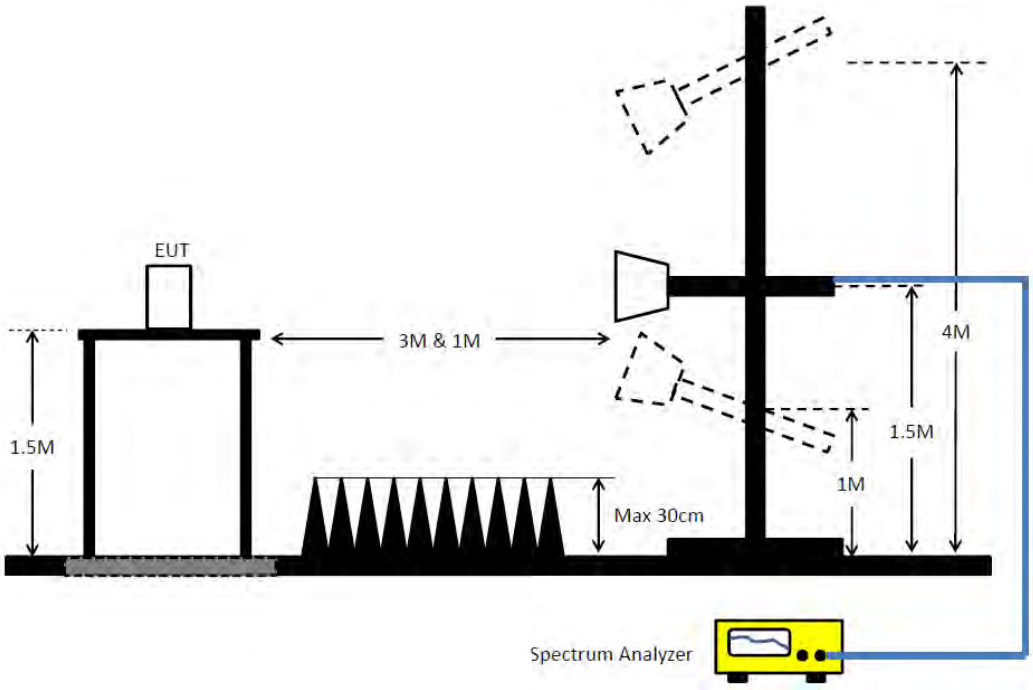
9kHz ~30MHz



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
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 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)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 29, 2020	Sep. 28, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH05-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 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)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 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#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	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#2	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. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 23, 2020	Oct. 22, 2021	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH04-CB
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz~26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Feb. 19, 2021	Feb. 18, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

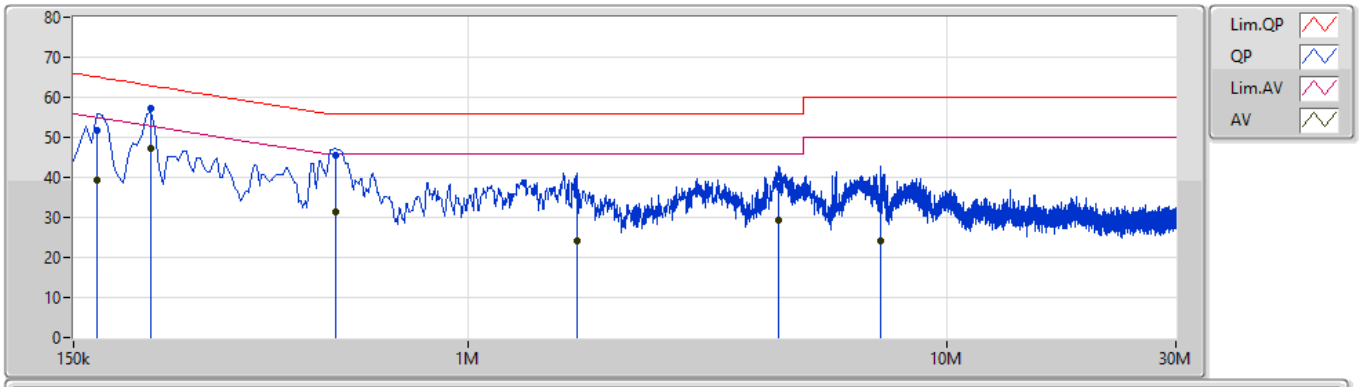
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	217.5k	57.16	62.92	-5.76	Line

Mode 3

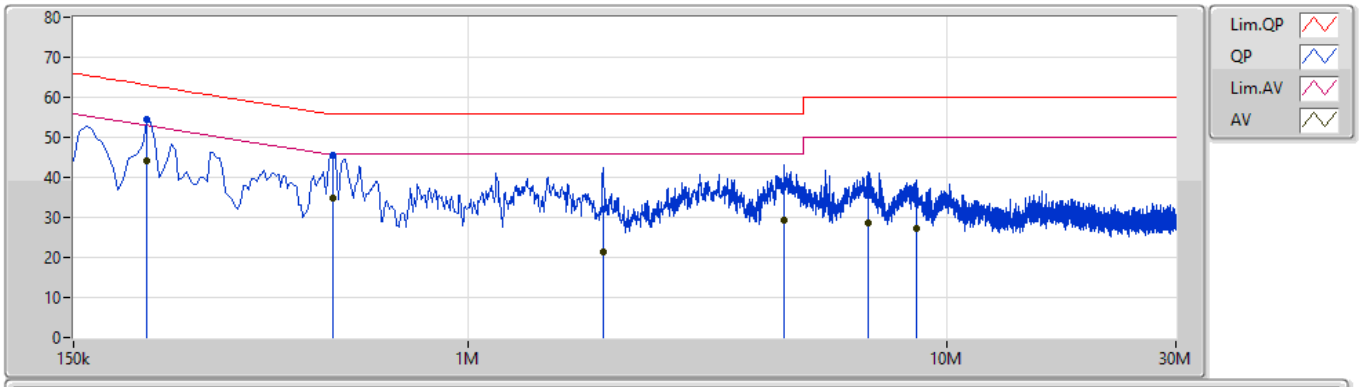
14/09/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168k	51.64	65.06	-13.42	9.89	Line	-	41.75	0.04	0.04	9.81
AV	168k	39.48	55.06	-15.58	9.89	Line	-	29.59	0.04	0.04	9.81
QP	217.5k	57.16	62.92	-5.76	9.89	Line	"Worst"	47.27	0.04	0.04	9.81
AV	217.5k	47.11	52.92	-5.81	9.89	Line	-	37.22	0.04	0.04	9.81
QP	528k	45.35	56.00	-10.65	9.91	Line	-	35.44	0.05	0.04	9.82
AV	528k	31.33	46.00	-14.67	9.91	Line	-	21.42	0.05	0.04	9.82
QP	1.685M	35.46	56.00	-20.54	9.96	Line	-	25.50	0.08	0.06	9.82
AV	1.685M	24.25	46.00	-21.75	9.96	Line	-	14.29	0.08	0.06	9.82
QP	4.457M	37.94	56.00	-18.06	10.13	Line	-	27.81	0.14	0.12	9.87
AV	4.457M	29.43	46.00	-16.57	10.13	Line	-	19.30	0.14	0.12	9.87
QP	7.265M	35.13	60.00	-24.87	10.23	Line	-	24.90	0.19	0.15	9.89
AV	7.265M	23.99	50.00	-26.01	10.23	Line	-	13.76	0.19	0.15	9.89

Mode 3

14/09/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	213k	54.51	63.09	-8.58	9.88	Neutral	-	44.63	0.03	0.04	9.81
AV	213k	44.09	53.09	-9.00	9.88	Neutral	"Worst"	34.21	0.03	0.04	9.81
QP	523.5k	45.37	56.00	-10.63	9.90	Neutral	-	35.47	0.04	0.04	9.82
AV	523.5k	34.96	46.00	-11.04	9.90	Neutral	-	25.06	0.04	0.04	9.82
QP	1.91M	31.95	56.00	-24.05	9.96	Neutral	-	21.99	0.07	0.07	9.82
AV	1.91M	21.47	46.00	-24.53	9.96	Neutral	-	11.51	0.07	0.07	9.82
QP	4.556M	37.78	56.00	-18.22	10.11	Neutral	-	27.67	0.11	0.13	9.87
AV	4.556M	29.39	46.00	-16.61	10.11	Neutral	-	19.28	0.11	0.13	9.87
QP	6.855M	35.68	60.00	-24.32	10.19	Neutral	-	25.49	0.16	0.14	9.89
AV	6.855M	28.51	50.00	-21.49	10.19	Neutral	-	18.32	0.16	0.14	9.89
QP	8.628M	34.29	60.00	-25.71	10.23	Neutral	-	24.06	0.18	0.15	9.90
AV	8.628M	27.34	50.00	-22.66	10.23	Neutral	-	17.11	0.18	0.15	9.90

For 4T1S non beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	8.05M	13.018M	13M0G1D	7.025M	12.844M
802.11g_Nss1,(6Mbps)_4TX	16.325M	16.492M	16M5D1D	16.025M	16.417M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.925M	18.941M	18M9D1D	18.45M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.1M	37.981M	38M0D1D	37.4M	37.881M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	12.969M	7.55M	12.869M	7.025M	12.919M	8.05M	12.944M
2437MHz	Pass	500k	7.525M	12.944M	8M	12.869M	7.575M	12.919M	7.075M	12.919M
2462MHz	Pass	500k	7.525M	13.018M	7.075M	12.894M	8M	12.844M	8.05M	12.994M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	16.442M	16.3M	16.442M	16.325M	16.417M	16.3M	16.442M
2437MHz	Pass	500k	16.275M	16.417M	16.025M	16.417M	16.325M	16.492M	16.3M	16.442M
2462MHz	Pass	500k	16.025M	16.467M	16.325M	16.442M	16.3M	16.467M	16.3M	16.467M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.8M	18.941M	18.45M	18.891M	18.85M	18.916M	18.85M	18.916M
2437MHz	Pass	500k	18.75M	18.891M	18.9M	18.941M	18.675M	18.941M	18.775M	18.941M
2462MHz	Pass	500k	18.825M	18.916M	18.925M	18.941M	18.75M	18.916M	18.75M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	38M	37.931M	38.1M	37.931M	37.65M	37.981M	37.9M	37.881M
2437MHz	Pass	500k	37.75M	37.931M	37.9M	37.931M	37.75M	37.881M	37.85M	37.981M
2452MHz	Pass	500k	37.4M	37.881M	37.7M	37.931M	37.75M	37.981M	37.65M	37.931M

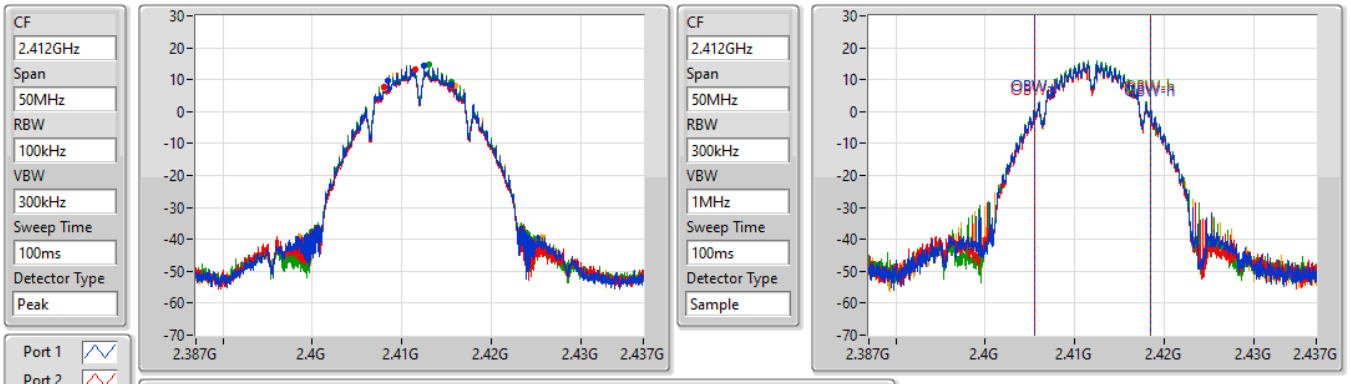
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

03/07/2021



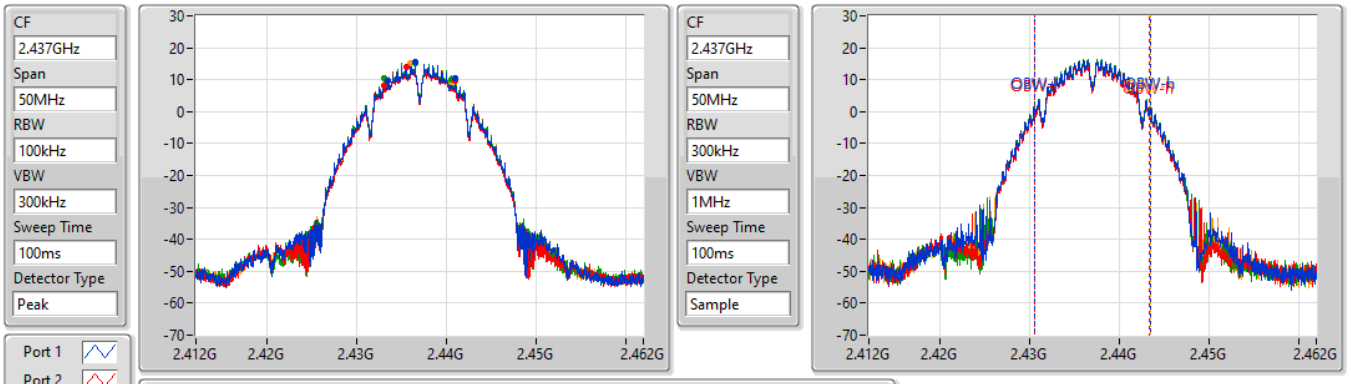
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.408475G	2.41555G	12.969M	2.405503G	2.418472G	500k	1
7.55M	2.408G	2.41555G	12.869M	2.405578G	2.418447G	500k	2
7.025M	2.4085G	2.415525G	12.919M	2.405528G	2.418447G	500k	3
8.05M	2.407975G	2.416025G	12.944M	2.405528G	2.418472G	500k	4

802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

03/07/2021



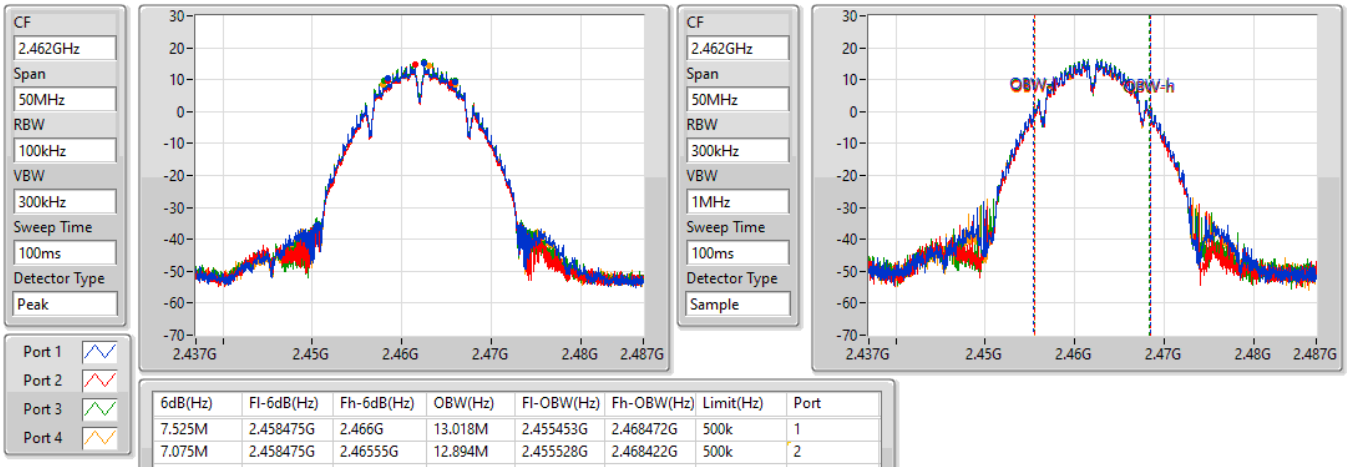
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.433475G	2.441G	12.944M	2.430503G	2.443447G	500k	1
8M	2.433G	2.441G	12.869M	2.430528G	2.443397G	500k	2
7.575M	2.432975G	2.44055G	12.919M	2.430528G	2.443447G	500k	3
7.075M	2.433475G	2.44055G	12.919M	2.430503G	2.443422G	500k	4

802.11b_Nss1,(1Mbps)_4TX

EBW

2462MHz

03/07/2021



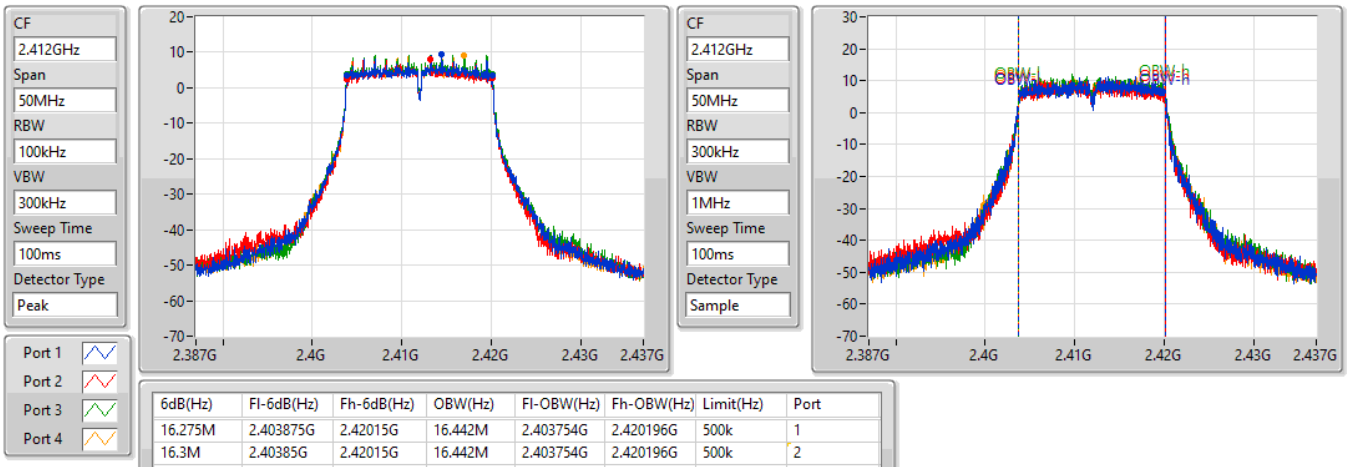
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.458475G	2.466G	13.018M	2.455453G	2.468472G	500k	1
7.075M	2.458475G	2.46555G	12.894M	2.455528G	2.468422G	500k	2
8M	2.458025G	2.466025G	12.844M	2.455528G	2.468372G	500k	3
8.05M	2.45795G	2.466G	12.994M	2.455478G	2.468472G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

03/07/2021



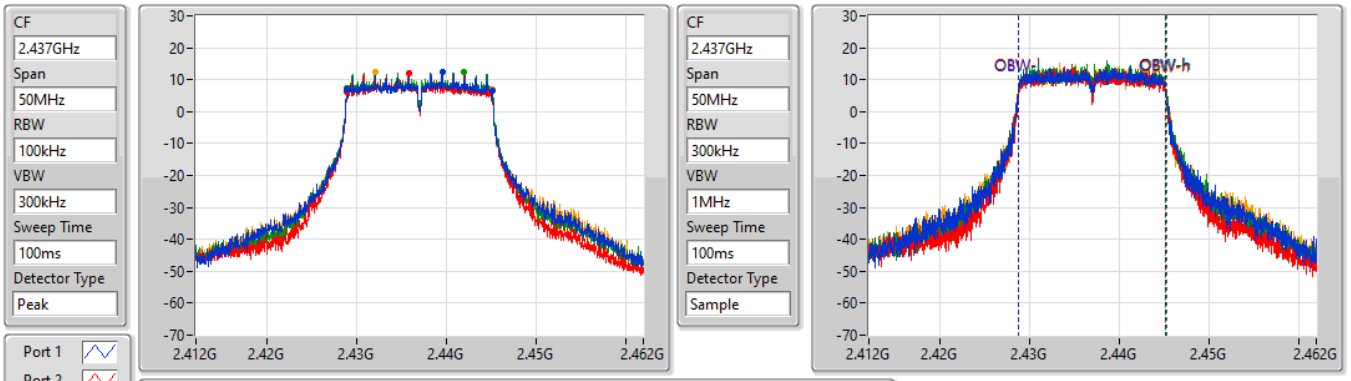
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.403875G	2.42015G	16.442M	2.403754G	2.420196G	500k	1
16.3M	2.40385G	2.42015G	16.442M	2.403754G	2.420196G	500k	2
16.325M	2.40385G	2.420175G	16.417M	2.403779G	2.420196G	500k	3
16.3M	2.40385G	2.42015G	16.442M	2.403754G	2.420196G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

03/07/2021



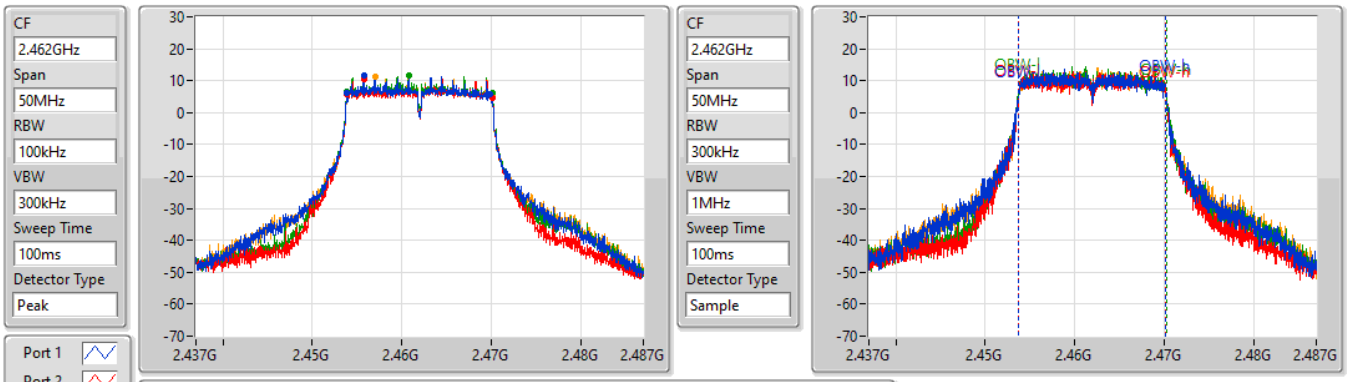
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.42885G	2.445125G	16.417M	2.428754G	2.445171G	500k	1
16.025M	2.428875G	2.4449G	16.417M	2.428779G	2.445196G	500k	2
16.325M	2.42885G	2.445175G	16.492M	2.428729G	2.445221G	500k	3
16.3M	2.42885G	2.44515G	16.442M	2.428754G	2.445196G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2462MHz

03/07/2021



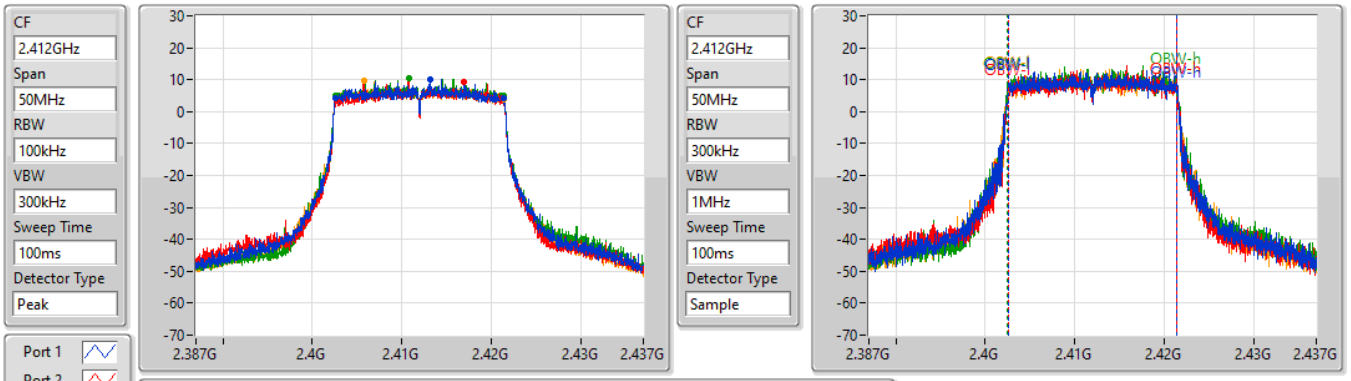
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.45385G	2.469875G	16.467M	2.453729G	2.470196G	500k	1
16.325M	2.45385G	2.470175G	16.442M	2.453754G	2.470196G	500k	2
16.3M	2.45385G	2.47015G	16.467M	2.453754G	2.470221G	500k	3
16.3M	2.45385G	2.47015G	16.467M	2.453754G	2.470221G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2412MHz

03/07/2021



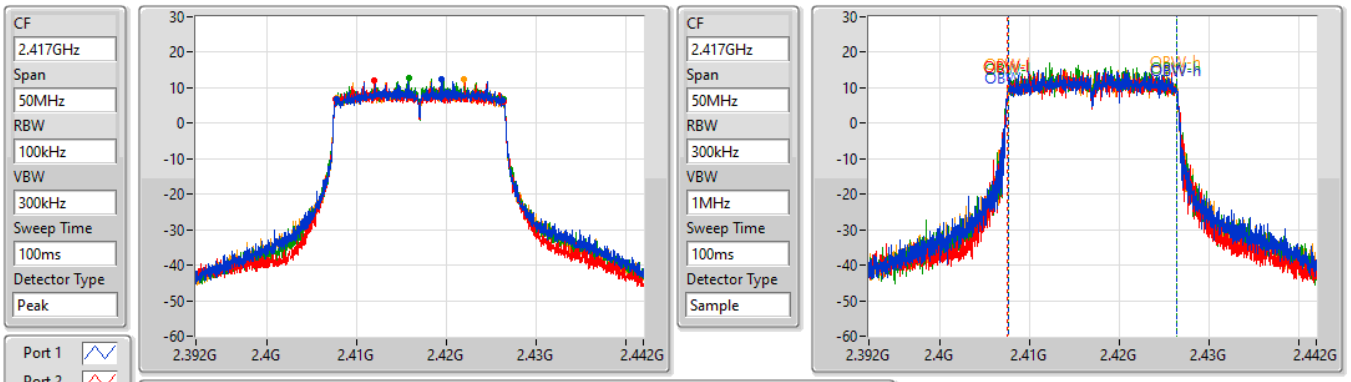
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.8M	2.402575G	2.421375G	18.941M	2.40253G	2.42147G	500k	1
18.45M	2.4028G	2.42125G	18.891M	2.402555G	2.421445G	500k	2
18.85M	2.402575G	2.421425G	18.916M	2.402505G	2.42142G	500k	3
18.85M	2.402575G	2.421425G	18.916M	2.40253G	2.421445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2417MHz

03/07/2021

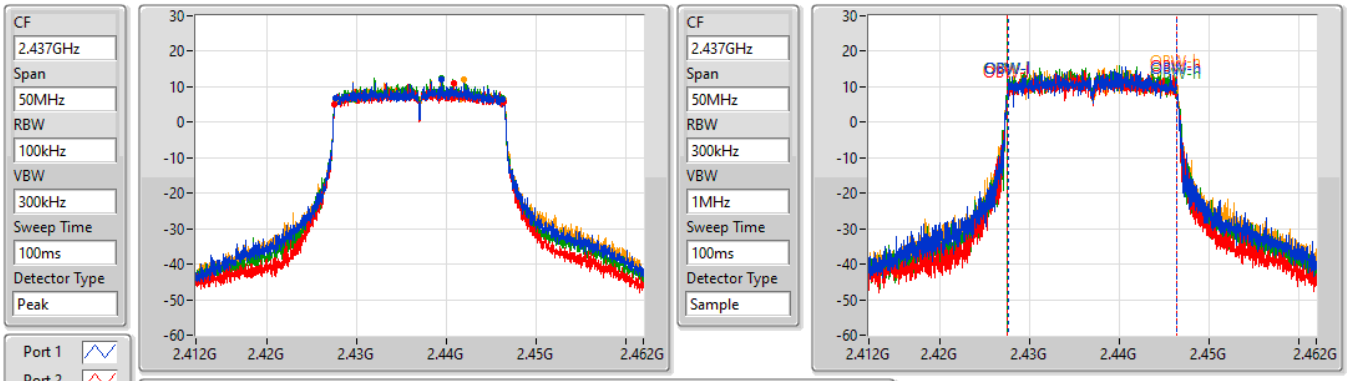


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.525M	2.407775G	2.4263G	18.916M	2.40753G	2.426445G	500k	1
18.8M	2.407575G	2.426375G	18.966M	2.407505G	2.42647G	500k	2
18.65M	2.4077G	2.42635G	18.916M	2.40753G	2.426445G	500k	3
18.625M	2.407775G	2.4264G	18.916M	2.40753G	2.426445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

03/07/2021

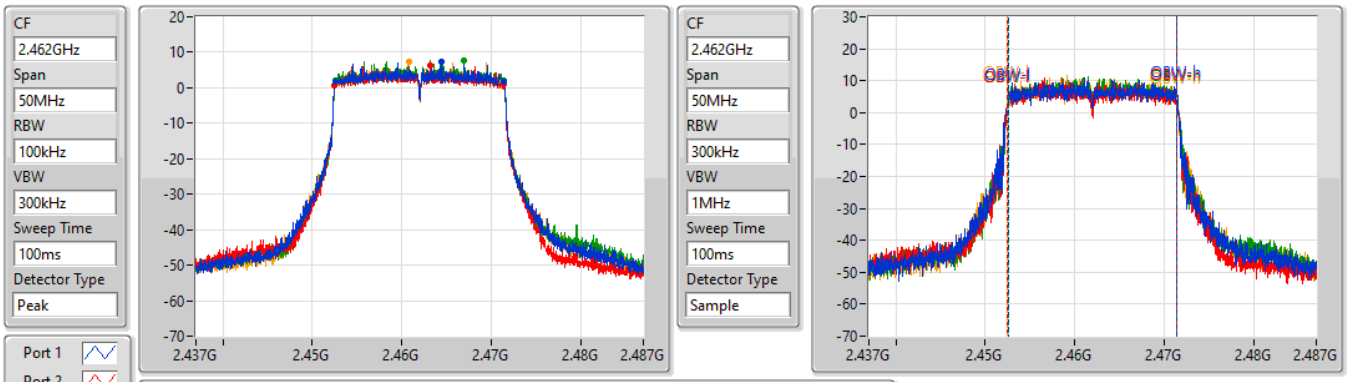


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	2.42755G	2.4463G	18.891M	2.42753G	2.44642G	500k	1
18.9M	2.4275G	2.4464G	18.941M	2.427505G	2.446445G	500k	2
18.675M	2.42765G	2.446325G	18.941M	2.427505G	2.446445G	500k	3
18.775M	2.427625G	2.4464G	18.941M	2.42753G	2.44647G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

03/07/2021



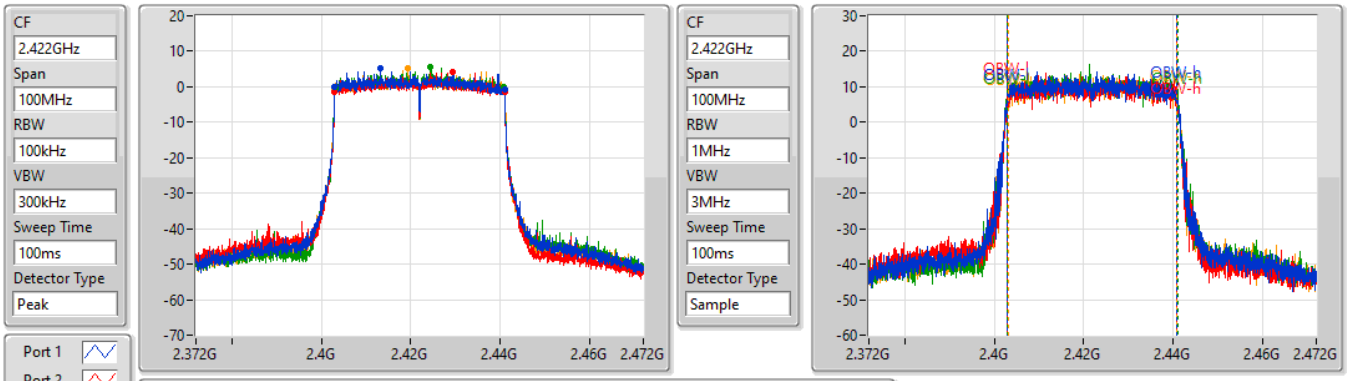
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.452625G	2.47145G	18.916M	2.45253G	2.471445G	500k	1
18.925M	2.452525G	2.47145G	18.941M	2.452505G	2.471445G	500k	2
18.75M	2.4526G	2.47135G	18.916M	2.45253G	2.471445G	500k	3
18.75M	2.452575G	2.471325G	18.941M	2.452505G	2.471445G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2422MHz

03/07/2021



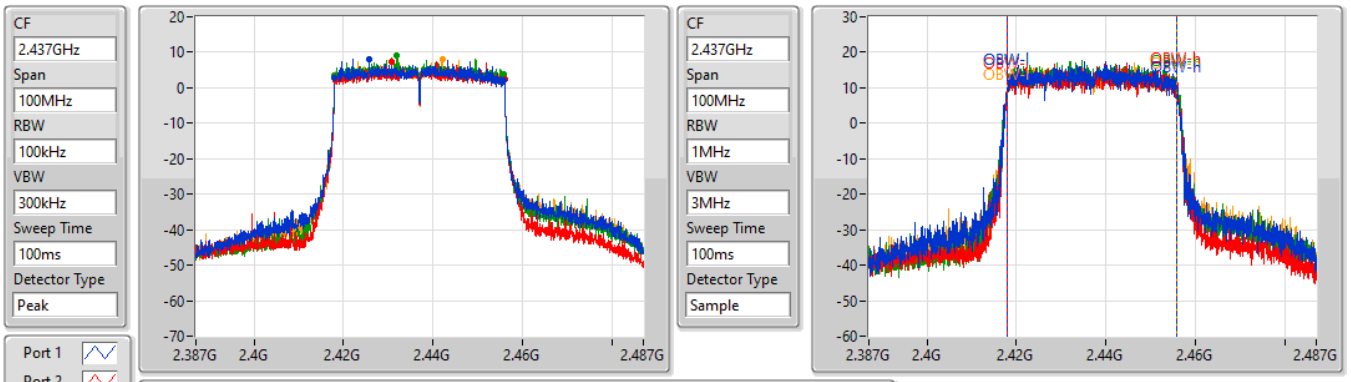
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38M	2.403G	2.441G	37.931M	2.40296G	2.440891G	500k	1
38.1M	2.40295G	2.44105G	37.931M	2.403009G	2.440941G	500k	2
37.65M	2.40315G	2.4408G	37.981M	2.403009G	2.440991G	500k	3
37.9M	2.40305G	2.44095G	37.881M	2.403059G	2.440941G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2437MHz

03/07/2021



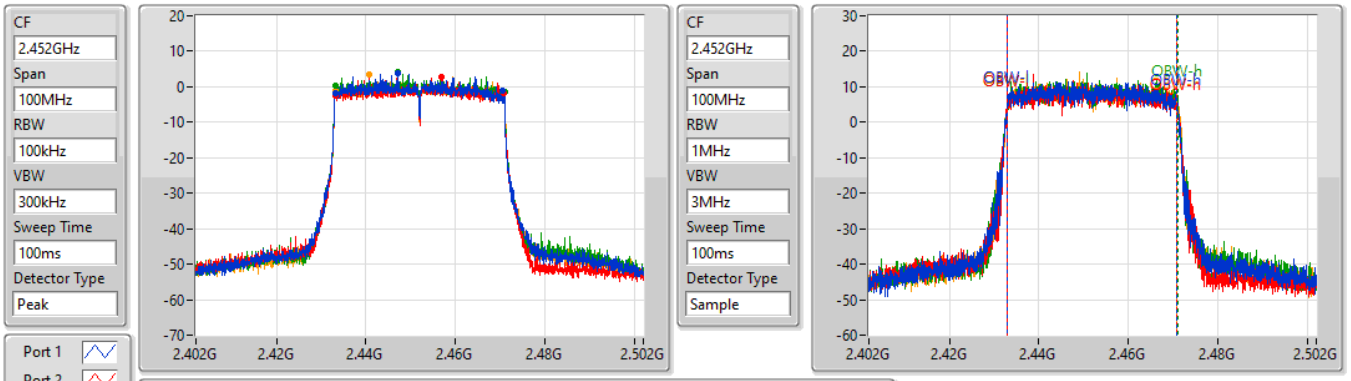
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.75M	2.41805G	2.4558G	37.931M	2.41796G	2.455891G	500k	1
37.9M	2.4181G	2.456G	37.931M	2.418009G	2.455941G	500k	2
37.75M	2.41805G	2.4558G	37.881M	2.418009G	2.455891G	500k	3
37.85M	2.41805G	2.4559G	37.981M	2.41796G	2.455941G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

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	2.4331G	2.4705G	37.881M	2.433009G	2.470891G	500k	1
37.7M	2.4331G	2.4708G	37.931M	2.43296G	2.470891G	500k	2
37.75M	2.4332G	2.47095G	37.981M	2.433009G	2.470991G	500k	3
37.65M	2.4331G	2.47075G	37.931M	2.433009G	2.470941G	500k	4

For 4T1S beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.9M	18.991M	19M0D1D	15.1M	18.791M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	36.9M	37.931M	37M9D1D	28.8M	37.731M

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

Result

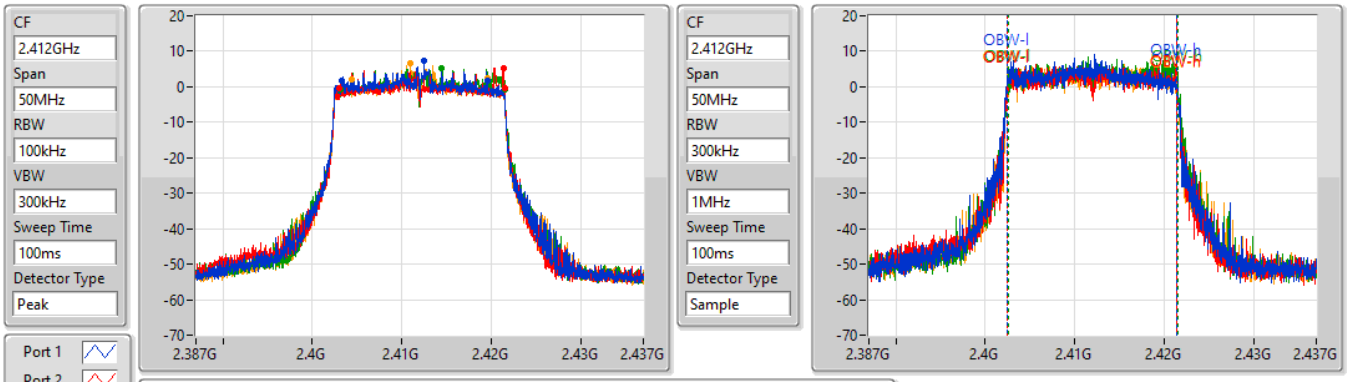
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.2M	18.991M	18.5M	18.916M	18.375M	18.941M	15.1M	18.916M
2437MHz	Pass	500k	16M	18.891M	18.9M	18.916M	18.8M	18.916M	15.1M	18.891M
2462MHz	Pass	500k	16.325M	18.916M	17.025M	18.791M	17.975M	18.891M	18.6M	18.866M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	37.831M	31.3M	37.881M	32.6M	37.731M	33.75M	37.831M
2437MHz	Pass	500k	36.9M	37.881M	35.05M	37.831M	31.3M	37.881M	32.55M	37.881M
2452MHz	Pass	500k	28.8M	37.781M	33.8M	37.931M	35M	37.781M	32.55M	37.931M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2412MHz

03/07/2021

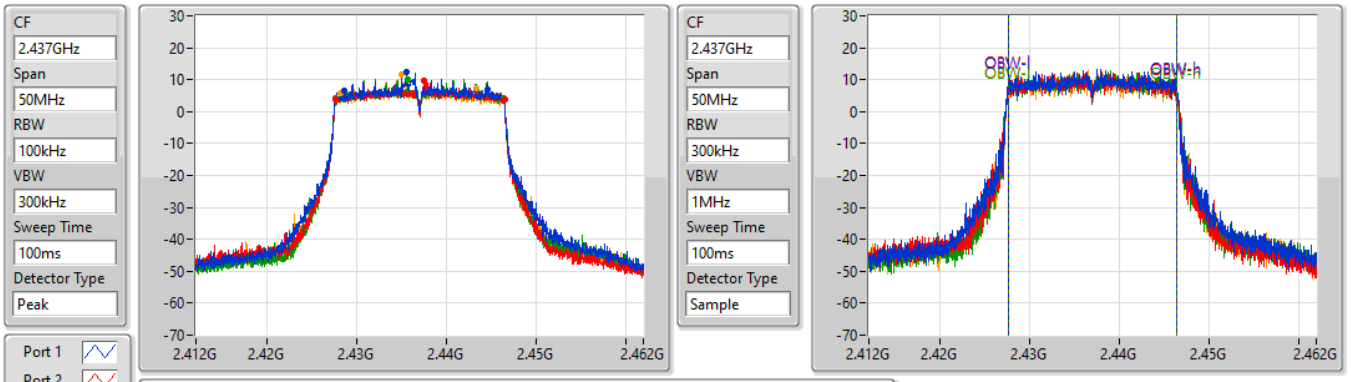


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.2M	2.403325G	2.419525G	18.991M	2.40243G	2.42142G	500k	1
18.5M	2.403G	2.4215G	18.916M	2.402505G	2.42142G	500k	2
18.375M	2.40315G	2.421525G	18.941M	2.402555G	2.421495G	500k	3
15.1M	2.40445G	2.41955G	18.916M	2.402505G	2.42142G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2437MHz

03/07/2021



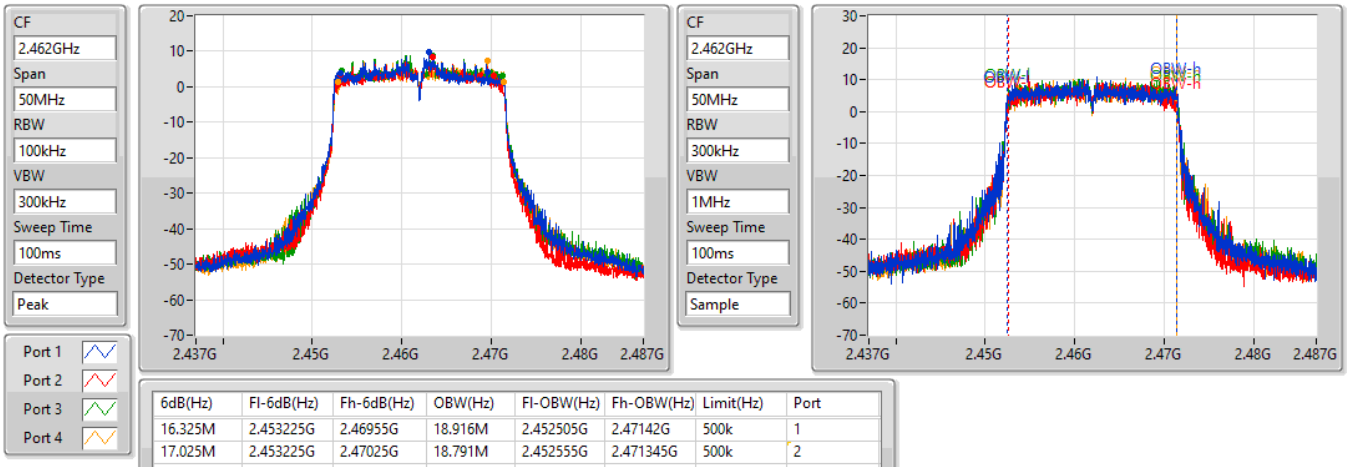
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16M	2.4286G	2.4446G	18.891M	2.42753G	2.44642G	500k	1
18.9M	2.427575G	2.446475G	18.916M	2.42753G	2.446445G	500k	2
18.8M	2.427625G	2.446425G	18.916M	2.42753G	2.446445G	500k	3
15.1M	2.4282G	2.4433G	18.891M	2.42753G	2.44642G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

2462MHz

03/07/2021



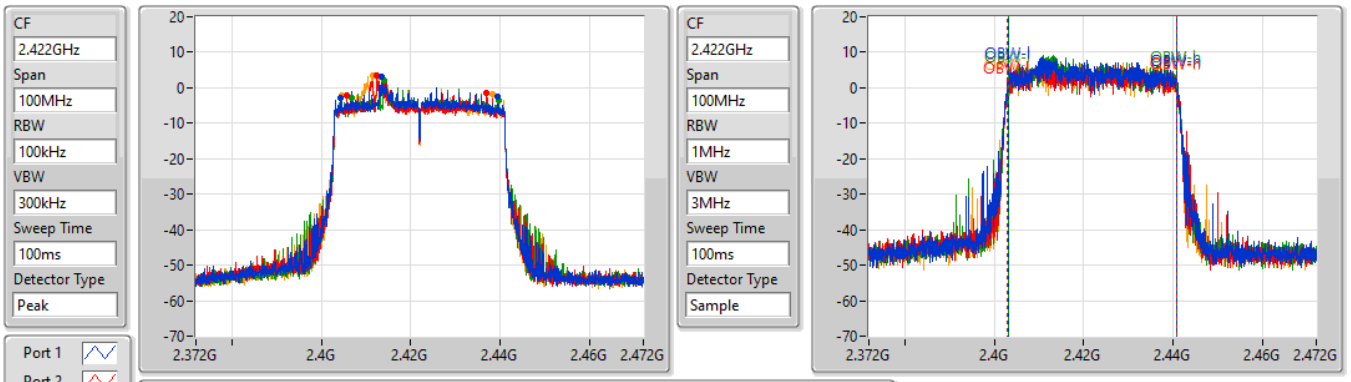
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453225G	2.46955G	18.916M	2.452505G	2.47142G	500k	1
17.025M	2.453225G	2.47025G	18.791M	2.452555G	2.471345G	500k	2
17.975M	2.453325G	2.4713G	18.891M	2.452555G	2.471445G	500k	3
18.6M	2.452825G	2.471425G	18.866M	2.452555G	2.47142G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

2422MHz

03/07/2021



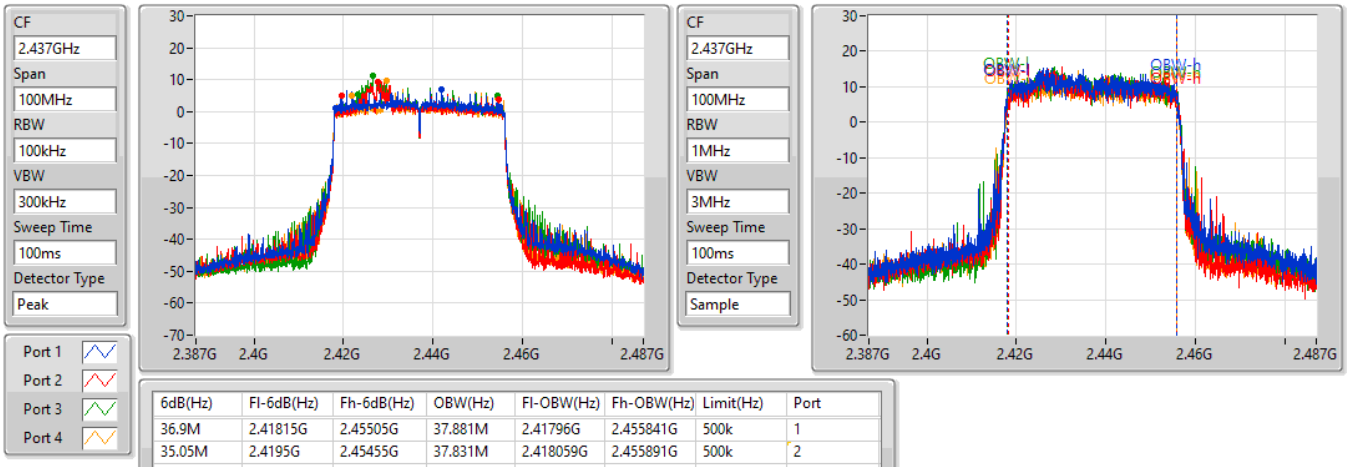
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.40445G	2.4395G	37.831M	2.403059G	2.440891G	500k	1
31.3M	2.4057G	2.437G	37.881M	2.403009G	2.440891G	500k	2
32.6M	2.40695G	2.43955G	37.731M	2.403159G	2.440891G	500k	3
33.75M	2.4045G	2.43825G	37.831M	2.403059G	2.440891G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

2437MHz

03/07/2021



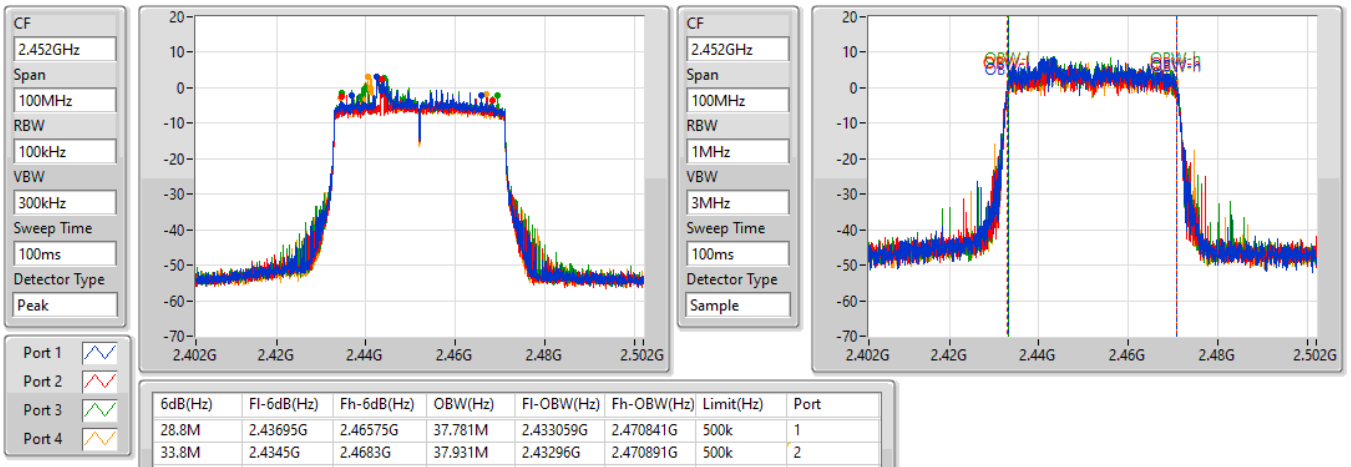
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.9M	2.41815G	2.45505G	37.881M	2.41796G	2.455841G	500k	1
35.05M	2.4195G	2.45455G	37.831M	2.418059G	2.455891G	500k	2
31.3M	2.4232G	2.4545G	37.881M	2.418009G	2.455891G	500k	3
32.55M	2.42195G	2.4545G	37.881M	2.418059G	2.455941G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

2452MHz

03/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.8M	2.43695G	2.46575G	37.781M	2.433059G	2.470841G	500k	1
33.8M	2.4345G	2.4683G	37.931M	2.43296G	2.470891G	500k	2
35M	2.4345G	2.4695G	37.781M	2.433059G	2.470841G	500k	3
32.55M	2.43445G	2.467G	37.931M	2.433009G	2.470941G	500k	4

For 4T2S beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	19.025M	18.966M	19M0D1D	18.75M	18.891M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	38.1M	38.031M	38M0D1D	37.6M	37.931M

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

Result

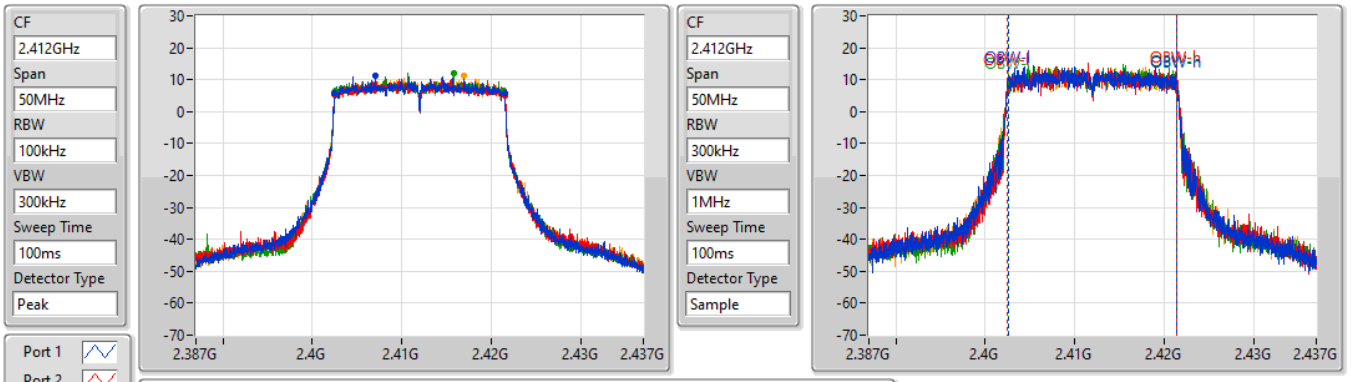
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19M	18.916M	19M	18.966M	18.775M	18.891M	19M	18.941M
2437MHz	Pass	500k	18.975M	18.941M	19.025M	18.966M	18.8M	18.916M	19M	18.941M
2462MHz	Pass	500k	18.75M	18.941M	19M	18.941M	18.95M	18.916M	19M	18.966M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.6M	37.931M	37.85M	37.931M	37.95M	38.031M	37.85M	37.981M
2437MHz	Pass	500k	38.1M	37.931M	37.6M	37.981M	38.1M	37.931M	38.05M	37.931M
2452MHz	Pass	500k	38.05M	37.981M	37.6M	37.931M	38.1M	37.981M	38.05M	37.931M

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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

2412MHz

20/07/2021

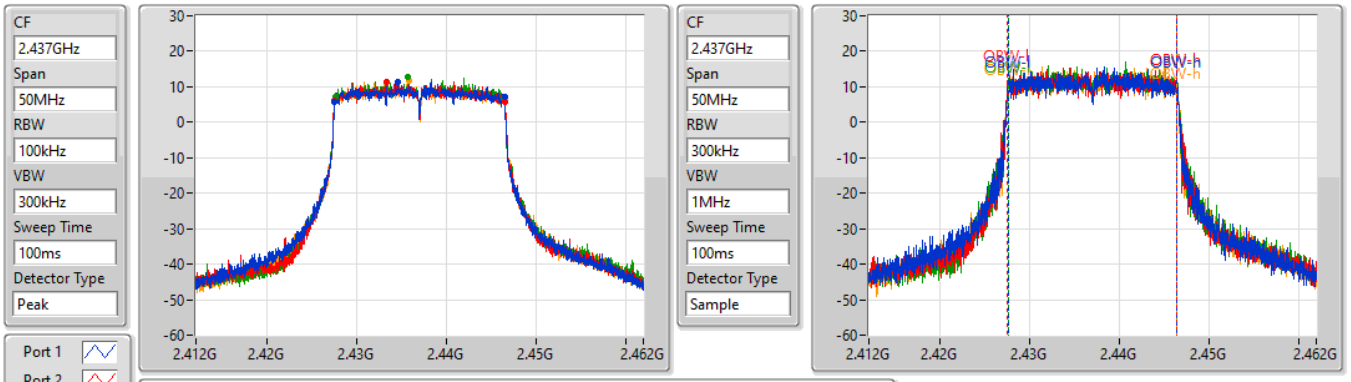


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19M	2.4025G	2.4215G	18.916M	2.40253G	2.421445G	500k	1
19M	2.402525G	2.421525G	18.966M	2.402505G	2.42147G	500k	2
18.775M	2.4026G	2.421375G	18.891M	2.40253G	2.42142G	500k	3
19M	2.4025G	2.4215G	18.941M	2.40253G	2.42147G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

2437MHz

20/07/2021



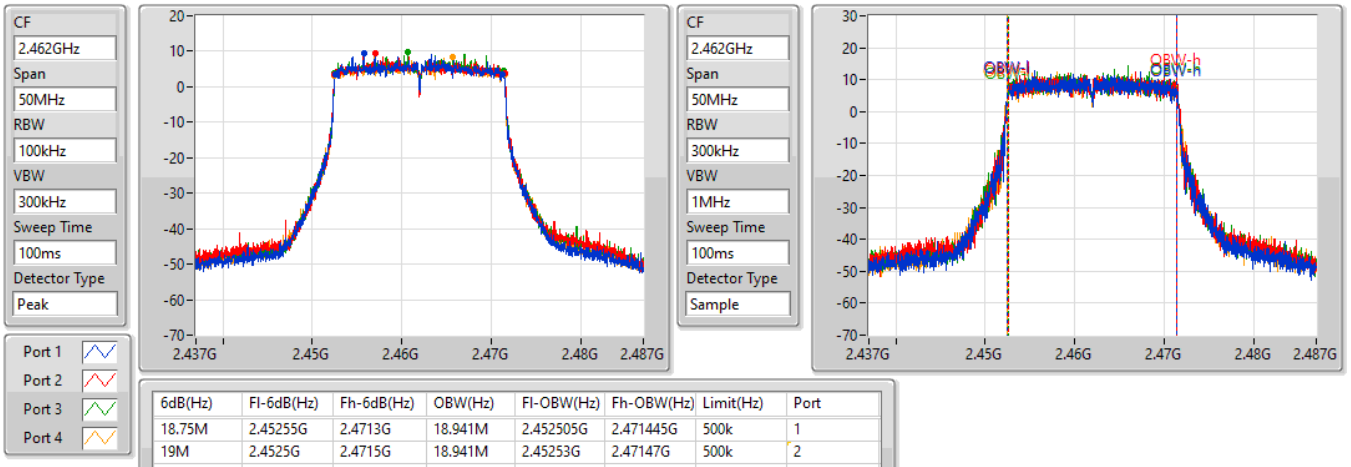
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4275G	2.446475G	18.941M	2.42753G	2.44647G	500k	1
19.025M	2.4275G	2.446525G	18.966M	2.42748G	2.446445G	500k	2
18.8M	2.427625G	2.446425G	18.916M	2.42753G	2.446445G	500k	3
19M	2.4275G	2.4465G	18.941M	2.42753G	2.44647G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

2462MHz

20/07/2021



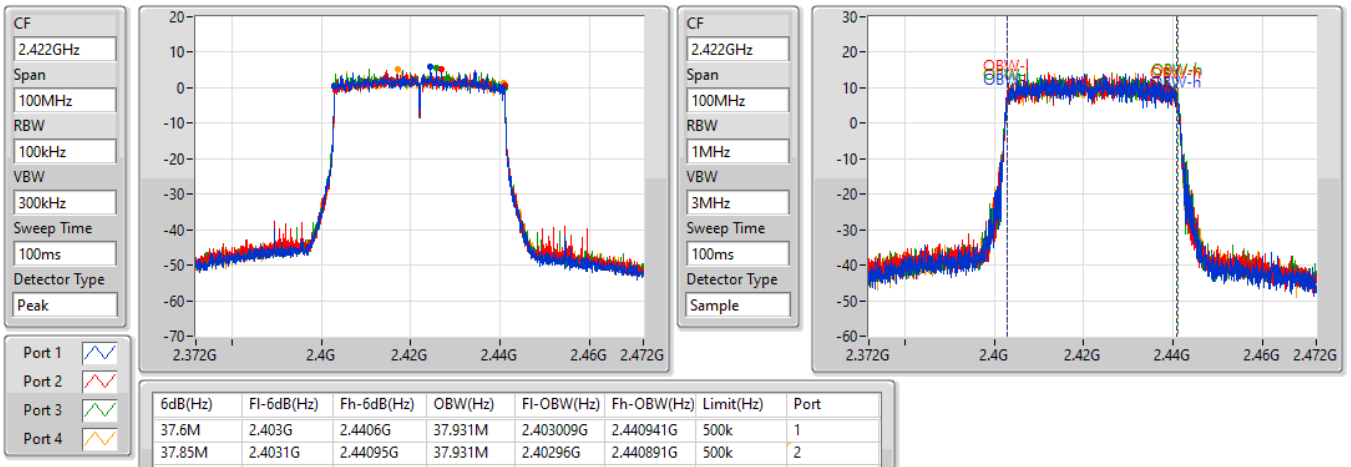
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	2.45255G	2.4713G	18.941M	2.452505G	2.471445G	500k	1
19M	2.4525G	2.4715G	18.941M	2.45253G	2.47147G	500k	2
18.95M	2.4525G	2.47145G	18.916M	2.45253G	2.471445G	500k	3
19M	2.4525G	2.4715G	18.966M	2.452505G	2.47147G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

2422MHz

20/07/2021

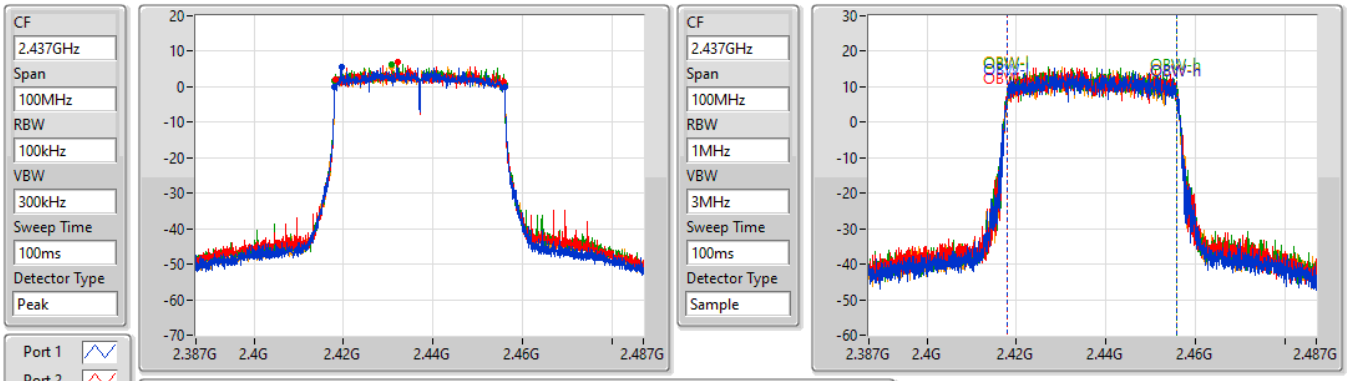


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.403G	2.4406G	37.931M	2.403009G	2.440941G	500k	1
37.85M	2.4031G	2.44095G	37.931M	2.40296G	2.440891G	500k	2
37.95M	2.403G	2.44095G	38.031M	2.40296G	2.440991G	500k	3
37.85M	2.403G	2.44085G	37.981M	2.403009G	2.440991G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

2437MHz

20/07/2021

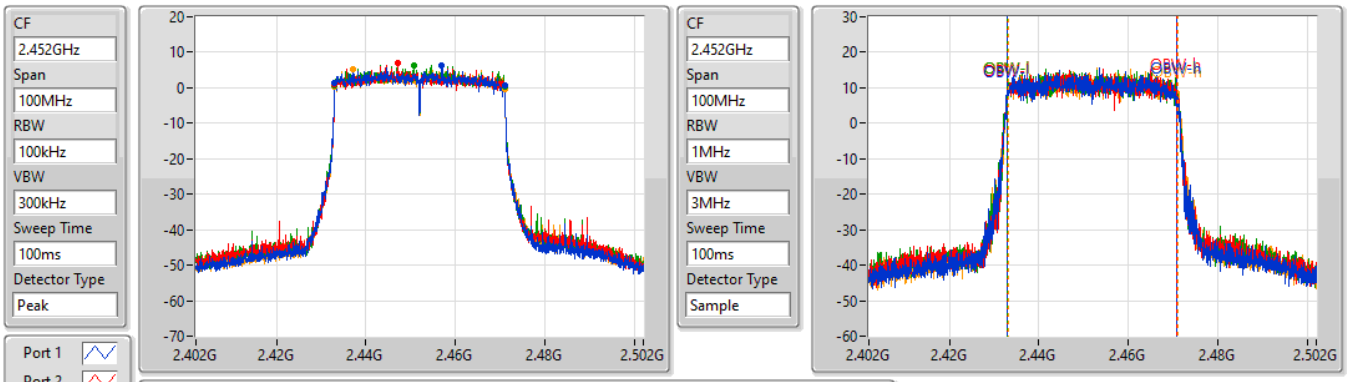


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	2.41795G	2.45605G	37.931M	2.41796G	2.455891G	500k	1
37.6M	2.41815G	2.45575G	37.981M	2.41796G	2.455941G	500k	2
38.1M	2.4179G	2.456G	37.931M	2.418009G	2.455941G	500k	3
38.05M	2.41795G	2.456G	37.931M	2.418009G	2.455941G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

2452MHz

20/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.05M	2.433G	2.47105G	37.981M	2.43291G	2.470891G	500k	1
37.6M	2.433G	2.4706G	37.931M	2.43296G	2.470891G	500k	2
38.1M	2.4329G	2.471G	37.981M	2.43296G	2.470941G	500k	3
38.05M	2.433G	2.47105G	37.931M	2.433059G	2.470991G	500k	4

For 4T1S non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.93	0.98401
802.11g_Nss1,(6Mbps)_4TX	29.70	0.93325
802.11ax HEW20_Nss1,(MCS0)_4TX	29.94	0.98628
802.11ax HEW40_Nss1,(MCS0)_4TX	29.05	0.80353

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.49	23.38	23.06	24.20	23.58	29.60	30.00
2417MHz	Pass	3.49	23.09	23.02	23.92	23.25	29.36	30.00
2437MHz	Pass	3.49	23.70	23.18	24.12	23.57	29.68	30.00
2457MHz	Pass	3.49	23.83	23.41	24.42	23.93	29.93	30.00
2462MHz	Pass	3.49	23.59	23.13	24.02	23.44	29.58	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.49	20.42	20.14	20.48	20.47	26.40	30.00
2417MHz	Pass	3.49	23.23	22.93	23.45	23.25	29.24	30.00
2437MHz	Pass	3.49	23.67	23.14	24.16	23.69	29.70	30.00
2457MHz	Pass	3.49	23.31	22.92	23.88	23.38	29.41	30.00
2462MHz	Pass	3.49	22.47	22.14	23.16	22.58	28.62	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.49	21.45	21.17	21.76	21.50	27.50	30.00
2417MHz	Pass	3.49	23.88	23.59	24.33	23.84	29.94	30.00
2437MHz	Pass	3.49	23.75	23.21	24.17	23.78	29.76	30.00
2457MHz	Pass	3.49	22.46	22.14	23.08	22.66	28.62	30.00
2462MHz	Pass	3.49	19.17	18.87	19.76	19.33	25.32	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.49	19.95	19.55	20.29	19.83	25.93	30.00
2427MHz	Pass	3.49	19.67	19.40	20.43	19.96	25.90	30.00
2437MHz	Pass	3.49	23.14	22.40	23.46	23.04	29.05	30.00
2447MHz	Pass	3.49	19.18	18.66	19.66	19.40	25.26	30.00
2452MHz	Pass	3.49	18.21	17.73	18.63	18.33	24.26	30.00

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

For 4T1S beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.56	0.90365
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.30	0.42658

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.77	18.64	18.47	19.26	18.99	24.87	30.00
2417MHz	Pass	5.77	21.51	21.40	22.03	21.68	27.68	30.00
2437MHz	Pass	5.77	23.52	23.41	23.51	23.71	29.56	30.00
2457MHz	Pass	5.77	22.47	22.41	22.88	22.42	28.57	30.00
2462MHz	Pass	5.77	18.61	18.66	19.31	18.81	24.88	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.77	16.73	16.55	17.12	16.74	22.81	30.00
2427MHz	Pass	5.77	20.57	19.77	20.07	20.02	26.14	30.00
2437MHz	Pass	5.77	20.61	19.81	20.68	19.97	26.30	30.00
2447MHz	Pass	5.77	17.88	17.81	18.11	17.91	23.95	30.00
2452MHz	Pass	5.77	17.56	17.21	17.93	17.85	23.67	30.00

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

For 4T2S beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	29.75	0.94406
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	26.67	0.46452

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.49	22.38	22.29	22.70	22.57	28.51	30.00
2437MHz	Pass	3.49	23.77	23.82	23.72	23.62	29.75	30.00
2457MHz	Pass	3.49	23.84	23.68	23.72	23.53	29.71	30.00
2462MHz	Pass	3.49	20.27	20.38	20.88	20.14	26.45	30.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.49	19.53	19.56	19.92	19.63	25.68	30.00
2427MHz	Pass	3.49	19.34	19.55	19.95	19.57	25.63	30.00
2437MHz	Pass	3.49	20.51	20.57	20.95	20.54	26.67	30.00
2447MHz	Pass	3.49	20.38	20.48	20.91	20.49	26.59	30.00
2452MHz	Pass	3.49	20.53	20.59	20.88	20.34	26.61	30.00

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

For 4T1S non beamforming mode
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	5.56
802.11g_Nss1,(6Mbps)_4TX	0.50
802.11ax HEW20_Nss1,(MCS0)_4TX	0.51
802.11ax HEW40_Nss1,(MCS0)_4TX	-2.11

RBW = 3kHz;

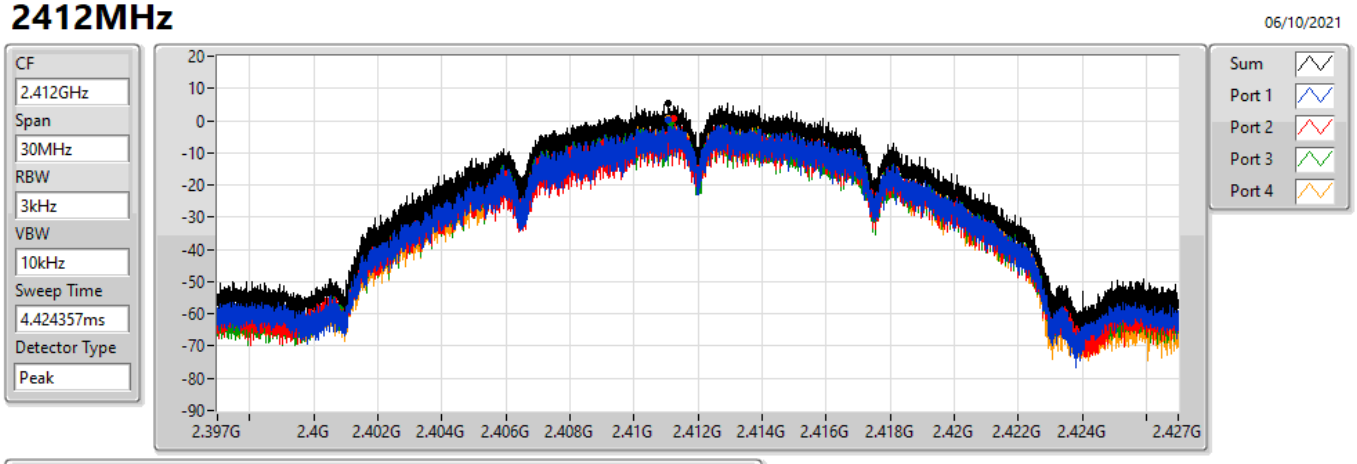
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.77	0.44	0.53	-0.59	0.82	5.56	8.00
2437MHz	Pass	5.77	0.02	-0.86	0.25	0.20	4.84	8.00
2462MHz	Pass	5.77	-0.31	-0.33	0.09	-1.19	4.25	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.77	-7.64	-7.98	-7.80	-7.15	-2.85	8.00
2437MHz	Pass	5.77	-4.69	-4.78	-4.64	-3.93	0.50	8.00
2462MHz	Pass	5.77	-5.60	-3.47	-4.01	-5.19	-0.72	8.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.77	-5.51	-5.09	-4.14	-4.83	-1.12	8.00
2437MHz	Pass	5.77	-3.21	-3.16	-3.24	-3.24	0.51	8.00
2462MHz	Pass	5.77	-7.16	-8.72	-6.83	-8.25	-3.51	8.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.77	-9.35	-9.06	-9.25	-9.35	-5.74	8.00
2437MHz	Pass	5.77	-7.10	-7.36	-6.05	-6.33	-2.11	8.00
2452MHz	Pass	5.77	-11.06	-12.63	-11.56	-11.00	-7.76	8.00

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

802.11b_Nss1,(1Mbps)_4TX PSD

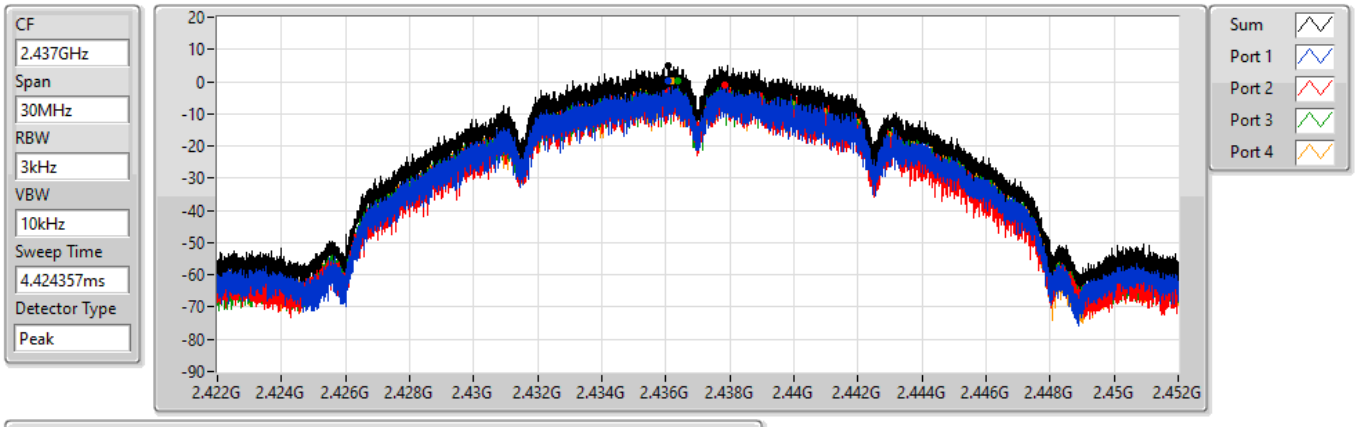
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.56	5.56	0.44	0.53	-0.59	0.82

802.11b_Nss1,(1Mbps)_4TX PSD

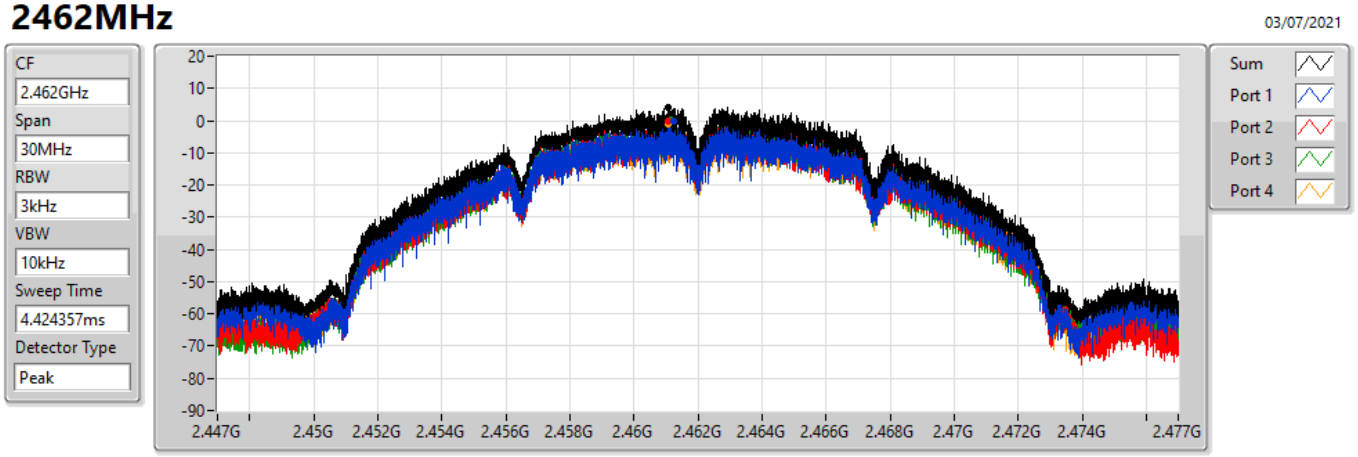
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	0.02	-0.86	0.25	0.20

802.11b_Nss1,(1Mbps)_4TX PSD

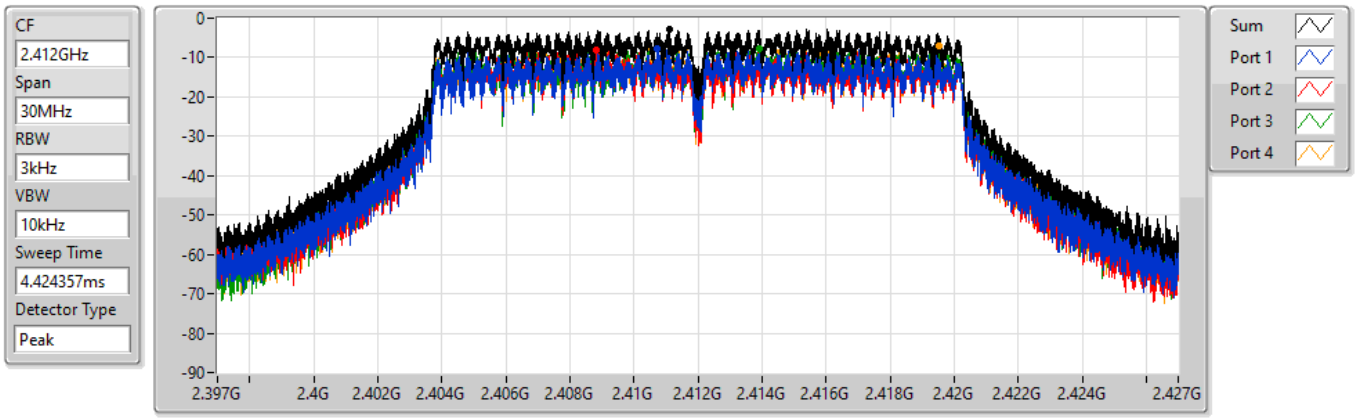
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25	-0.31	-0.33	0.09	-1.19

802.11g_Nss1,(6Mbps)_4TX PSD

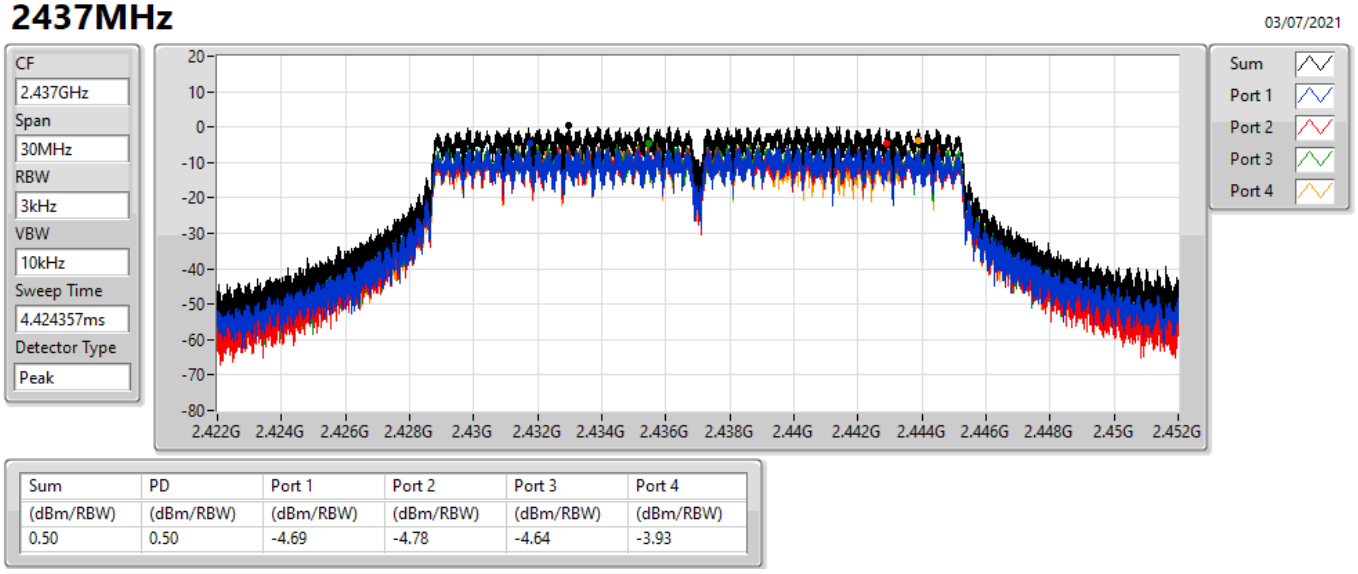
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.85	-2.85	-7.64	-7.98	-7.80	-7.15

802.11g_Nss1,(6Mbps)_4TX PSD

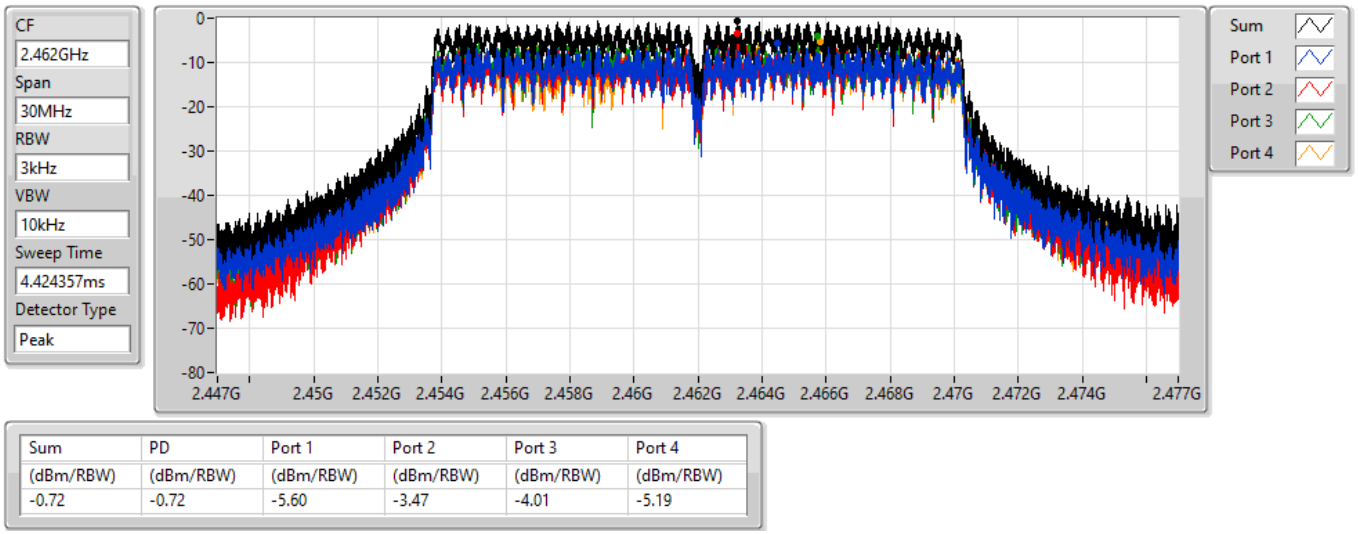
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-4.69	-4.78	-4.64	-3.93

802.11g_Nss1,(6Mbps)_4TX PSD

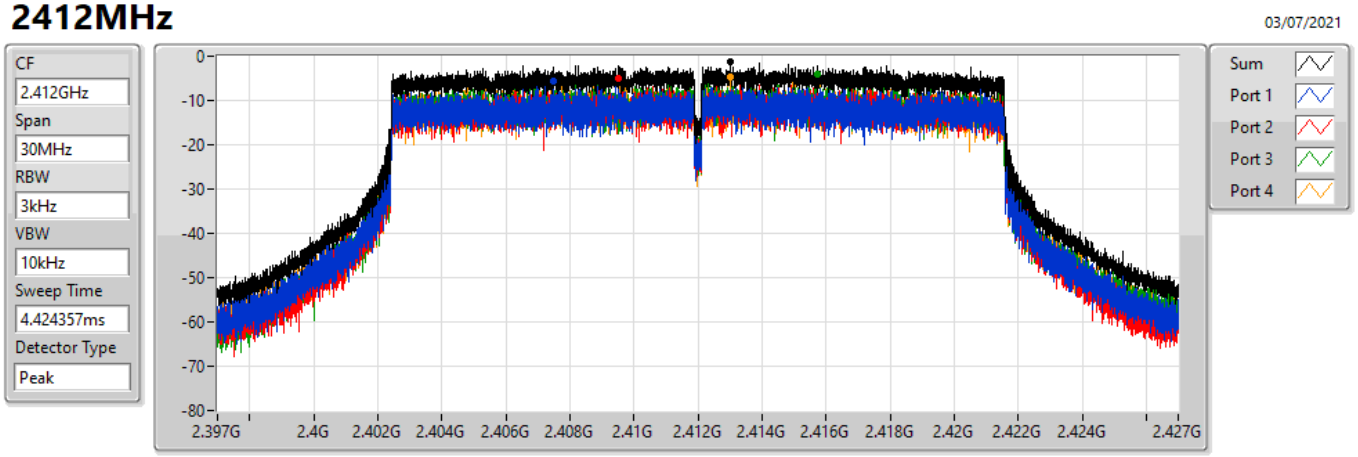
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-5.60	-3.47	-4.01	-5.19

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

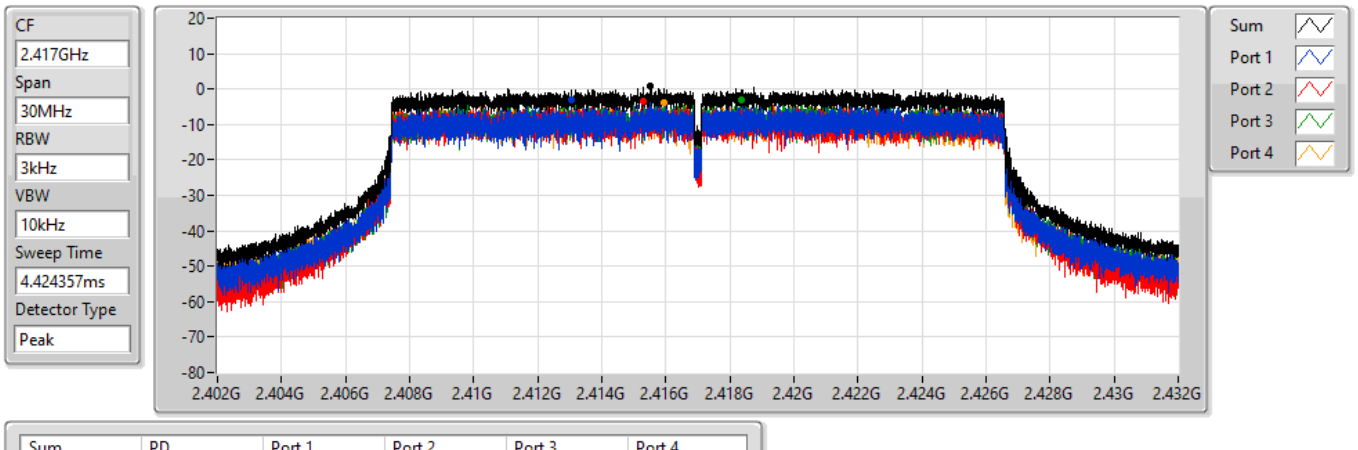
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.12	-1.12	-5.51	-5.09	-4.14	-4.83

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

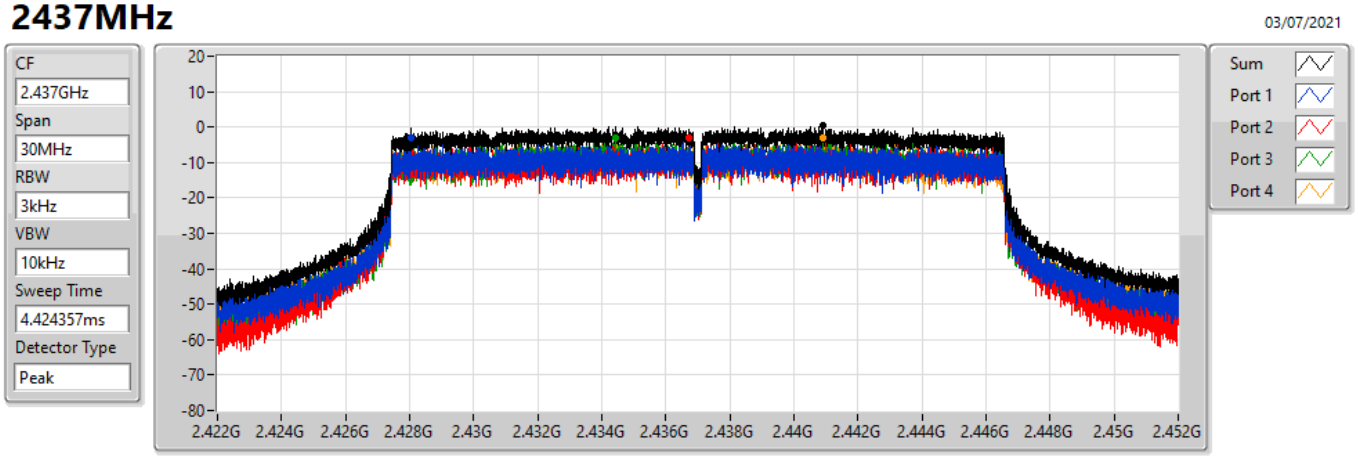
2417MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-3.19	-3.60	-2.94	-3.70

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

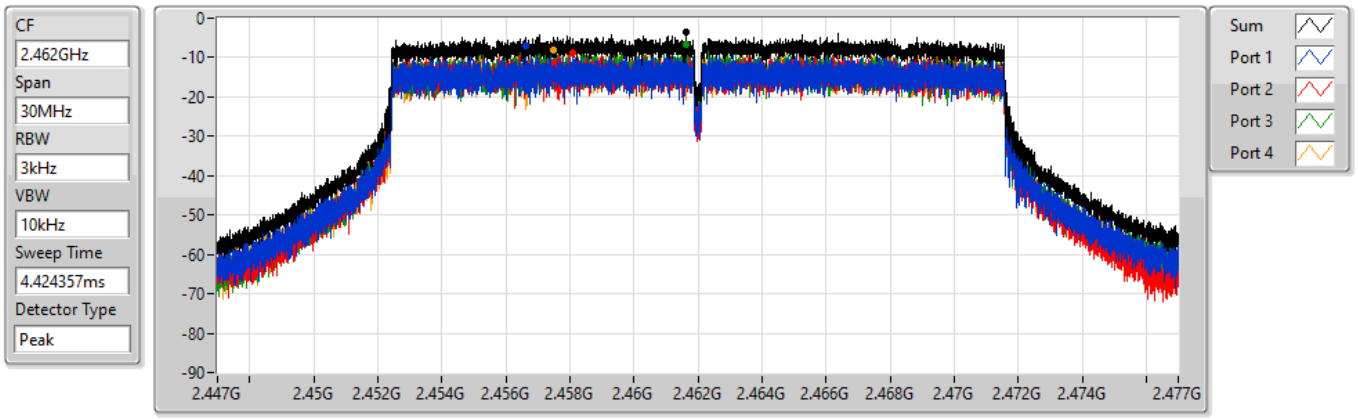
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.51	0.51	-3.21	-3.16	-3.24	-3.24

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

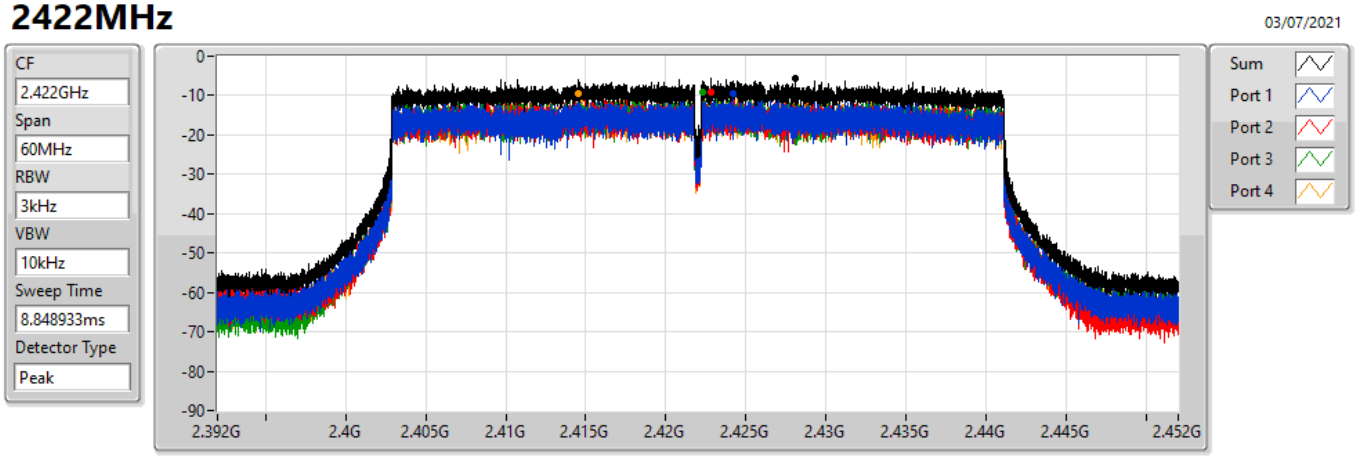
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.51	-3.51	-7.16	-8.72	-6.83	-8.25

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

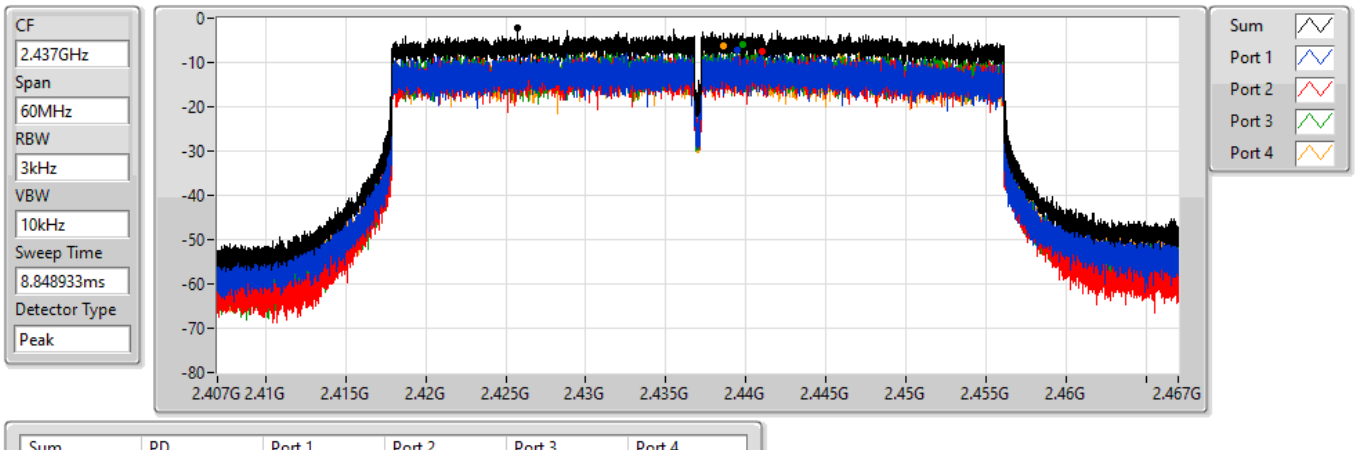
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.74	-5.74	-9.35	-9.06	-9.25	-9.35

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

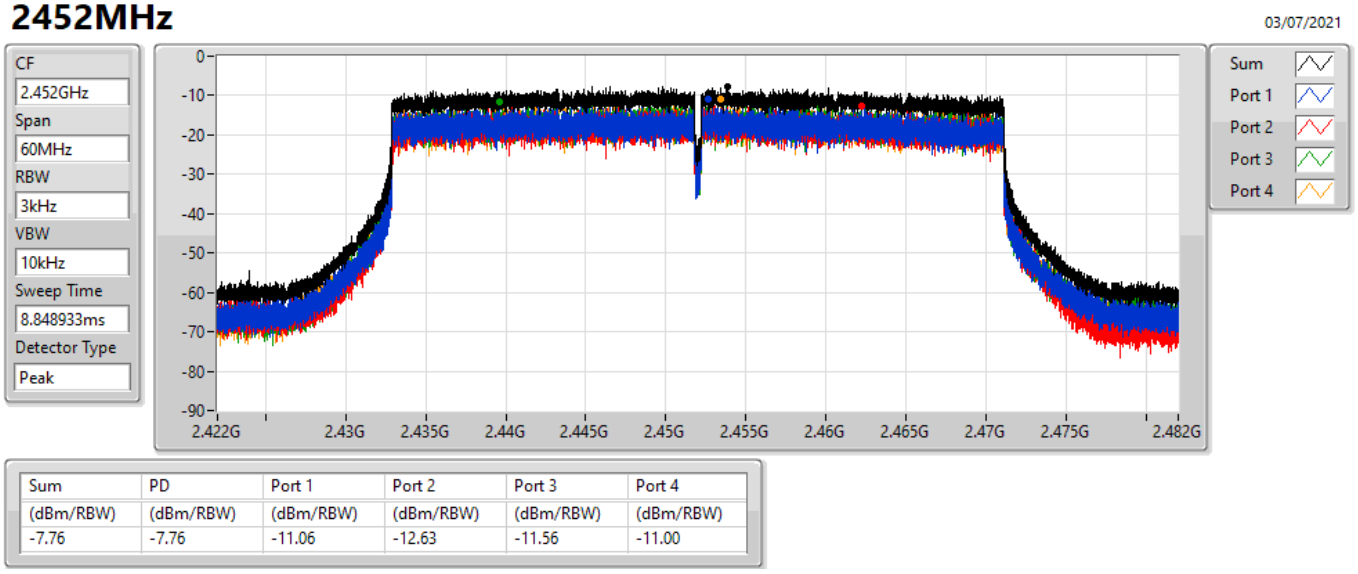
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.11	-2.11	-7.10	-7.36	-6.05	-6.33

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.76	-7.76	-11.06	-12.63	-11.56	-11.00

For 4T1S beamforming mode
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	1.66
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-1.99

RBW = 3kHz;

Result

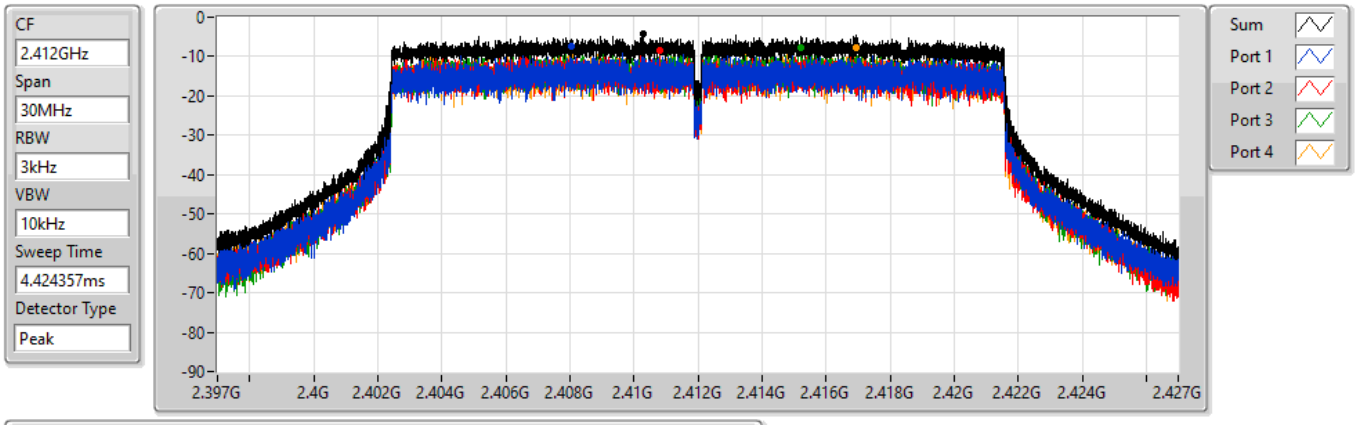
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.77	-7.34	-8.52	-7.82	-7.77	-4.11	8.00
2437MHz	Pass	5.77	-3.63	-3.77	-4.70	-5.63	1.66	8.00
2462MHz	Pass	5.77	-8.14	-7.69	-4.54	-4.07	-2.15	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.77	-12.08	-12.85	-10.82	-11.54	-8.98	8.00
2437MHz	Pass	5.77	-5.07	-5.12	-4.11	-4.73	-1.99	8.00
2452MHz	Pass	5.77	-11.93	-12.44	-11.09	-11.83	-8.10	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;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

2412MHz

06/10/2021

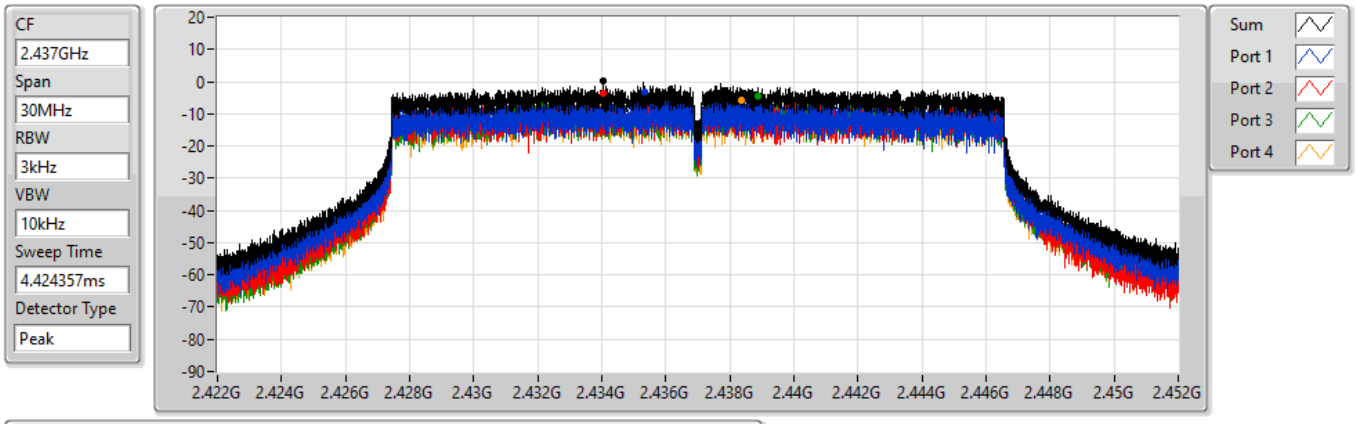


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.11	-4.11	-7.34	-8.52	-7.82	-7.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

2437MHz

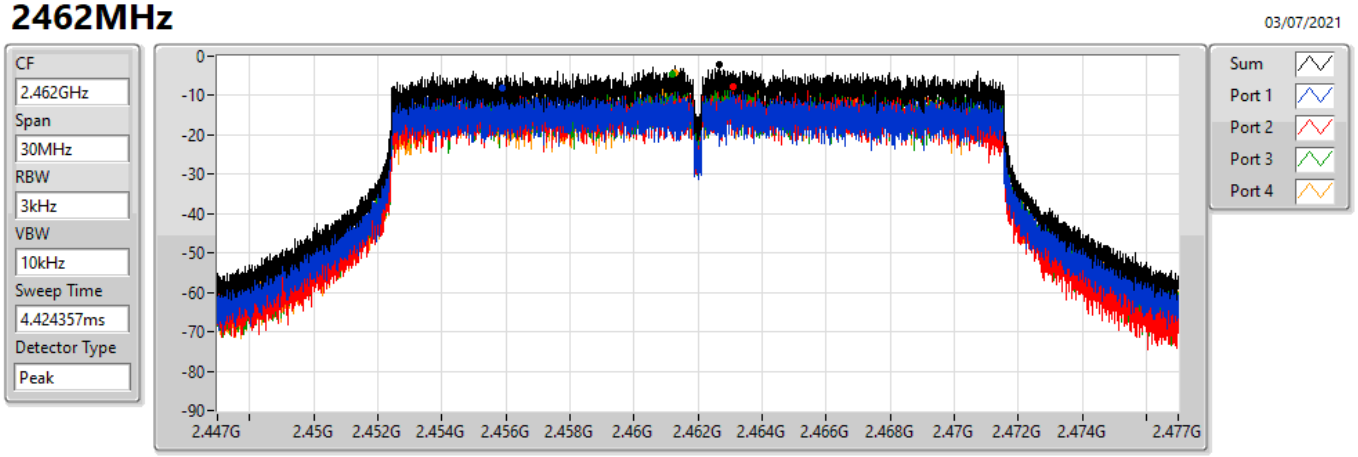
03/07/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.66	1.66	-3.63	-3.77	-4.70	-5.63

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

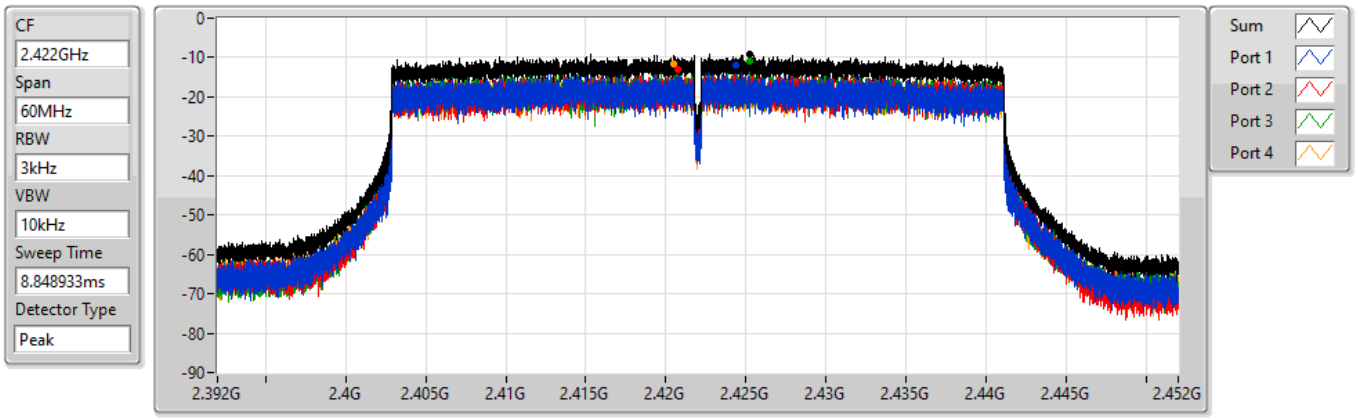
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.15	-2.15	-8.14	-7.69	-4.54	-4.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

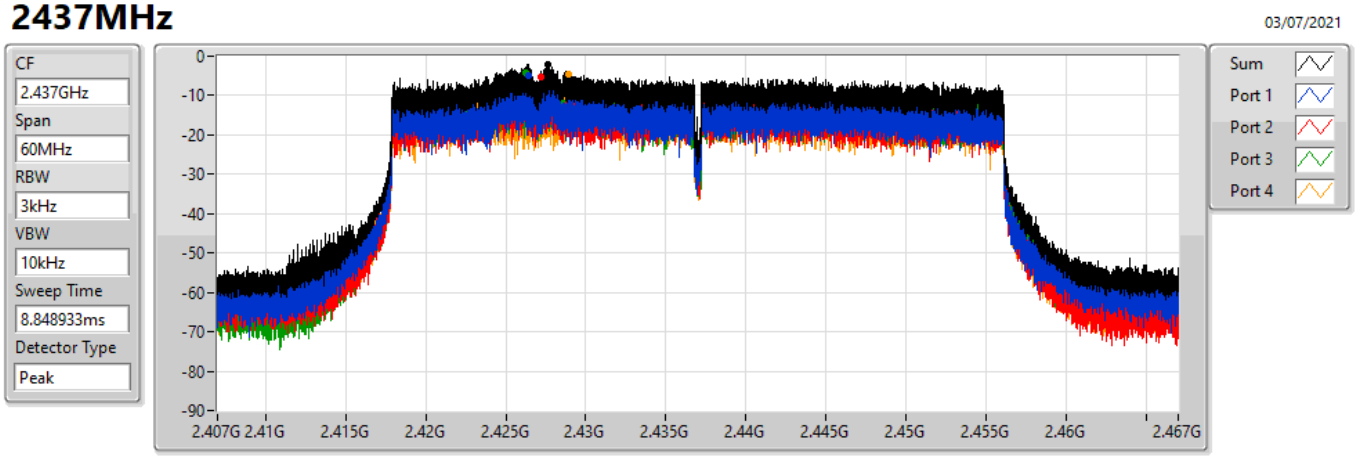
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.98	-8.98	-12.08	-12.85	-10.82	-11.54

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

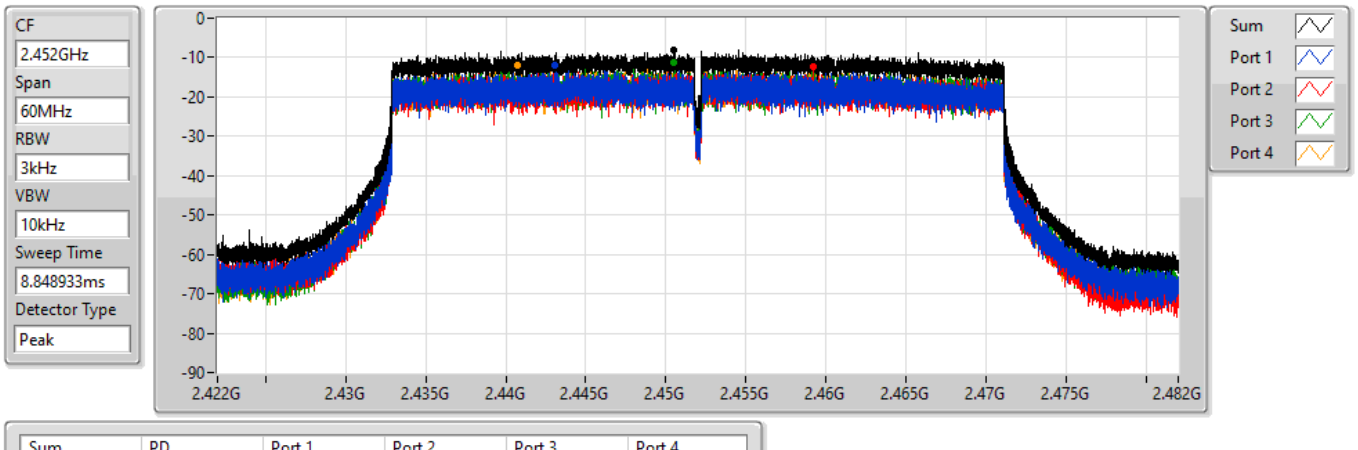
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.99	-1.99	-5.07	-5.12	-4.11	-4.73

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.10	-8.10	-11.93	-12.44	-11.09	-11.83

For 4T2S beamforming mode
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	0.37
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-4.07

RBW = 3kHz;

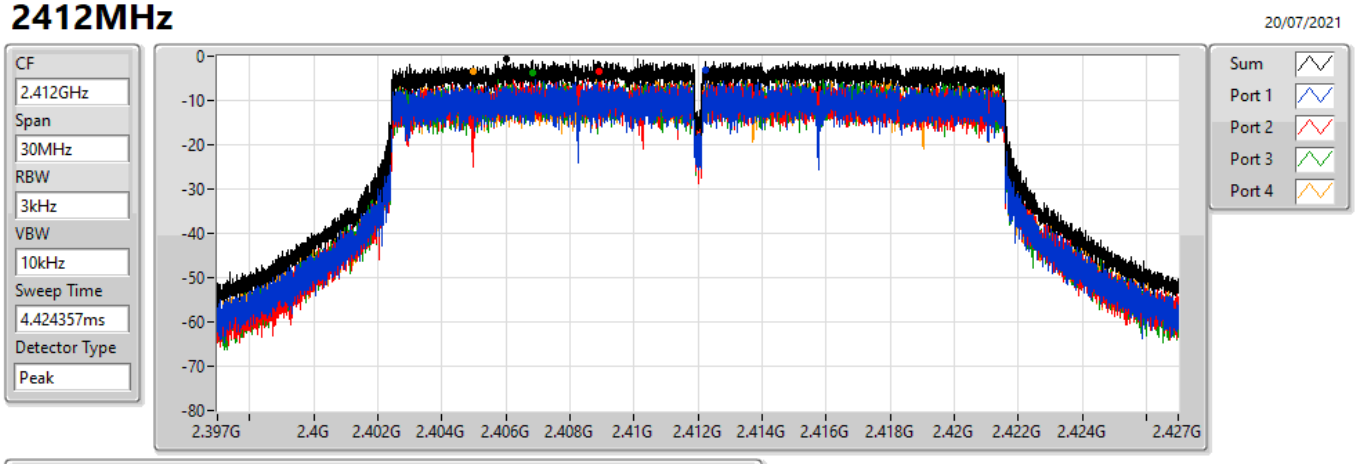
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.49	-3.13	-3.38	-3.64	-3.36	-0.74	8.00
2437MHz	Pass	3.49	-3.28	-1.60	-2.59	-1.88	0.37	8.00
2462MHz	Pass	3.49	-5.97	-5.44	-5.50	-6.55	-2.65	8.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.49	-10.29	-7.74	-8.63	-7.50	-5.57	8.00
2437MHz	Pass	3.49	-7.91	-8.46	-7.52	-7.10	-4.86	8.00
2452MHz	Pass	3.49	-8.41	-7.52	-7.14	-7.32	-4.07	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;

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

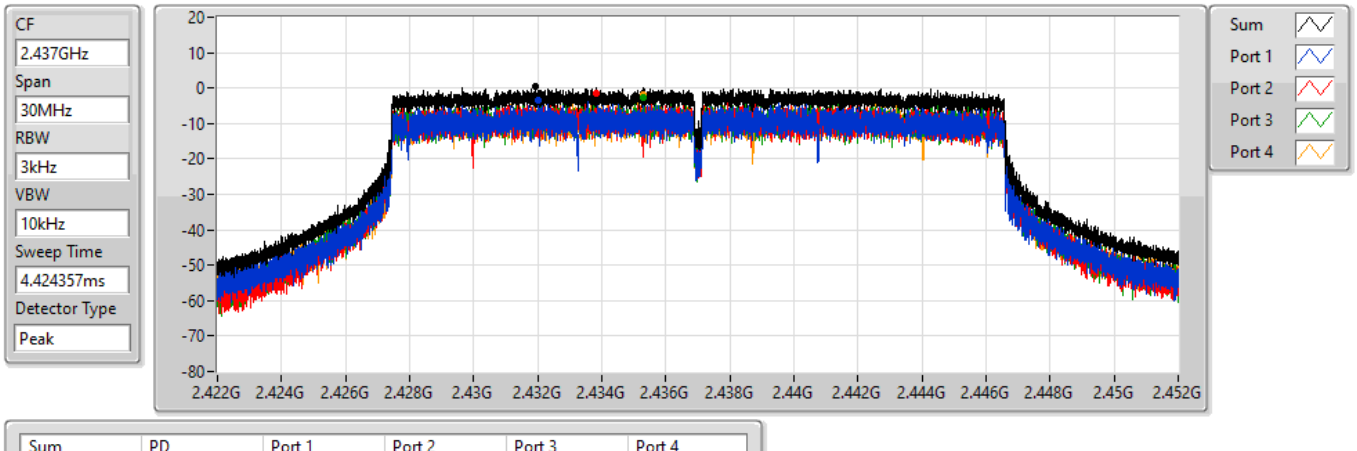
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.74	-0.74	-3.13	-3.38	-3.64	-3.36

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

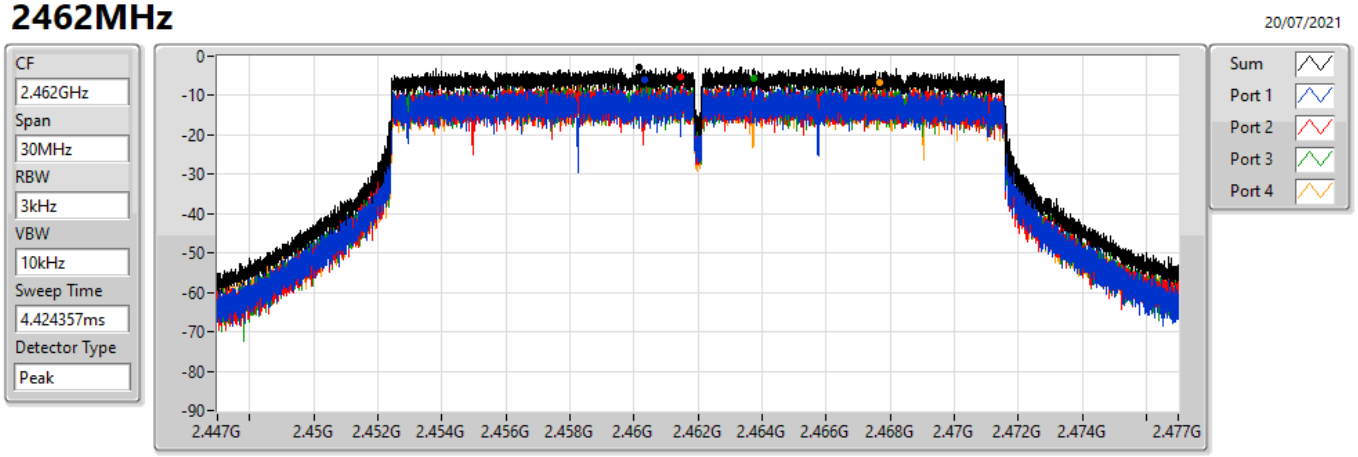
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-3.28	-1.60	-2.59	-1.88

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

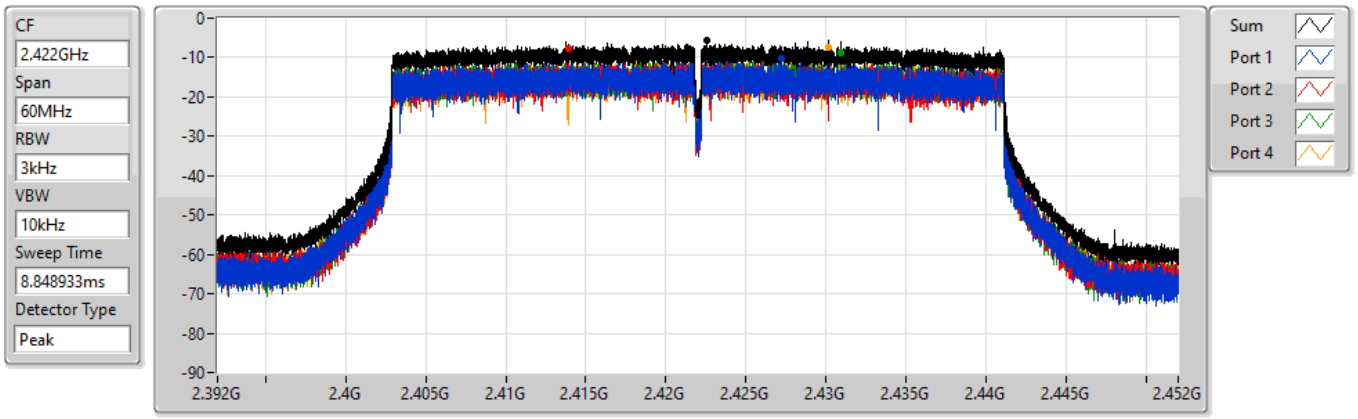
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.65	-2.65	-5.97	-5.44	-5.50	-6.55

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

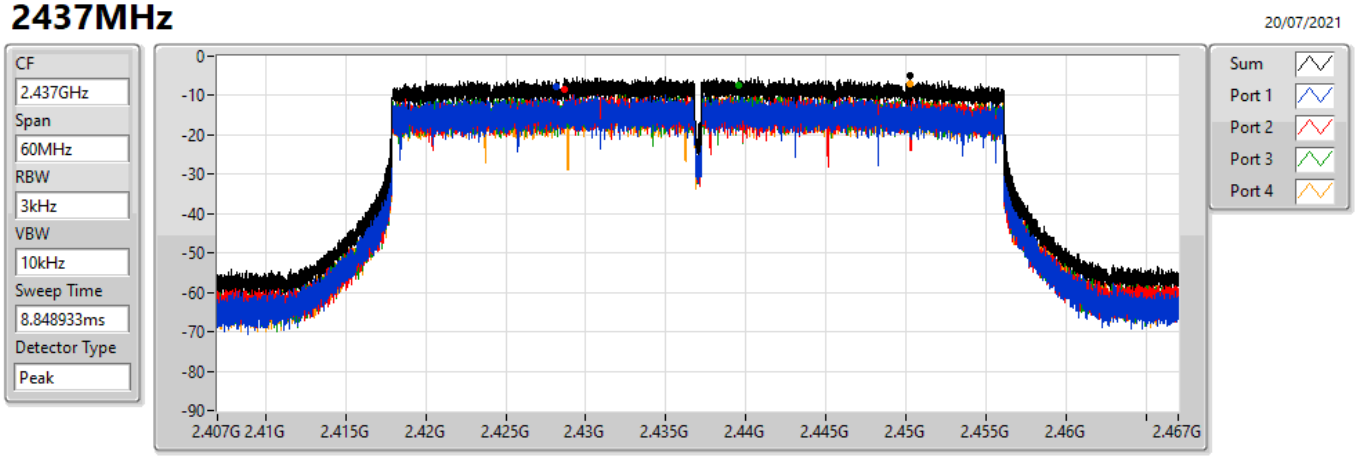
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.57	-5.57	-10.29	-7.74	-8.63	-7.50

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

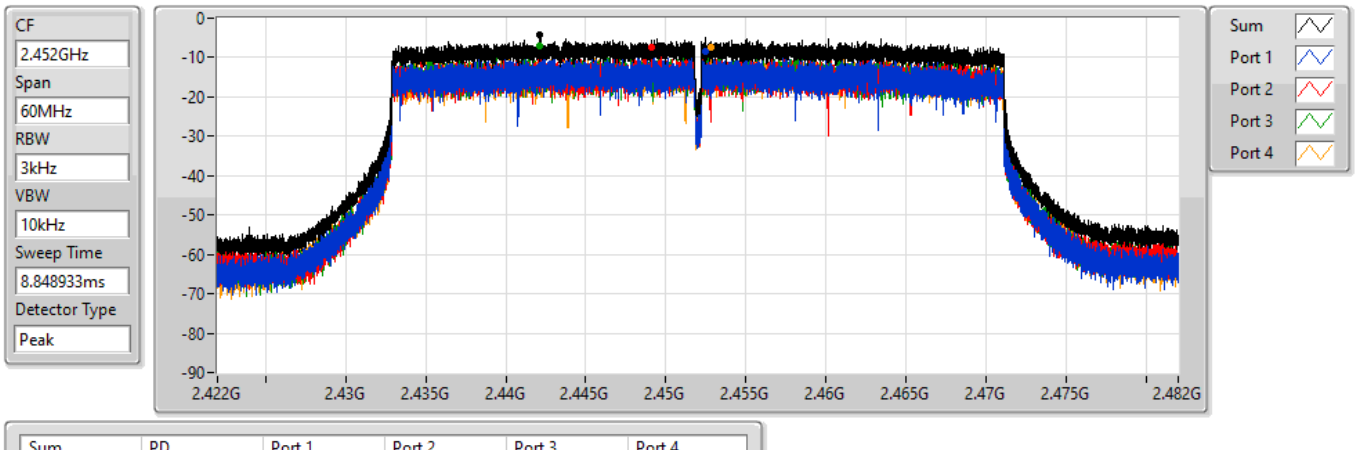
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.86	-4.86	-7.91	-8.46	-7.52	-7.10

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.07	-4.07	-8.41	-7.52	-7.14	-7.32

For 4T1S non beamforming mode
Summary

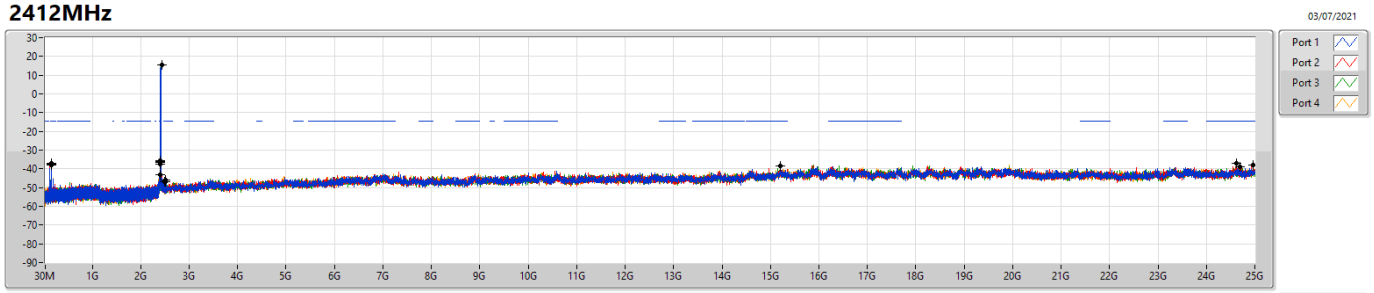
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43649G	15.42	-14.58	159.9M	-37.39	2.39998G	-35.91	2.4G	-35.43	2.48652G	-47.07	24.61509G	-37.18	2
802.11g_Nss1,(6Mbps)_4TX	Pass	2.4395G	12.63	-17.37	159.9M	-37.57	2.39982G	-30.93	2.4G	-33.93	2.51348G	-46.87	23.37888G	-39.22	2
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43198G	12.73	-17.27	159.9M	-37.77	2.3997G	-24.73	2.4G	-29.91	2.5133G	-47.07	24.5898G	-38.87	4
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.442G	9.11	-20.89	159.96M	-37.84	2.39972G	-33.30	2.4G	-34.48	2.51822G	-46.77	16.97334G	-39.03	1

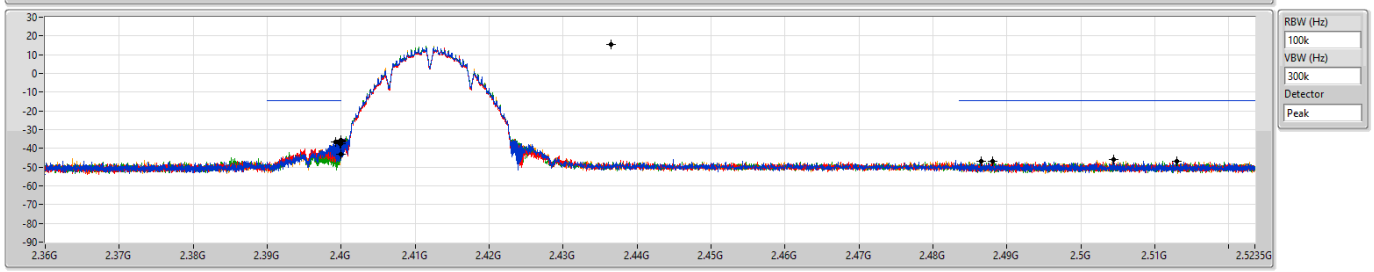
Result

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	15.42	-14.58	159.9M	-37.18	2.39926G	-36.64	2.4G	-43.19	2.4881G	-46.73	15.21148G	-38.33	1
2412MHz	Pass	2.43649G	15.42	-14.58	159.9M	-37.39	2.39998G	-35.91	2.4G	-35.43	2.48652G	-47.07	24.61509G	-37.18	2
2412MHz	Pass	2.43649G	15.42	-14.58	159.9M	-38.03	2.4G	-36.77	2.4G	-37.64	2.51292G	-46.84	24.96348G	-38.04	3
2412MHz	Pass	2.43649G	15.42	-14.58	159.9M	-37.33	2.39984G	-37.57	2.4G	-37.50	2.50436G	-45.89	24.69095G	-38.88	4
2437MHz	Pass	2.43649G	15.42	-14.58	159.9M	-37.53	2.39468G	-47.94	2.4G	-50.11	2.51866G	-46.69	24.59823G	-38.44	1
2437MHz	Pass	2.43649G	15.42	-14.58	159.9M	-37.32	2.39944G	-47.55	2.4G	-50.77	2.50302G	-46.94	24.70219G	-38.24	2
2437MHz	Pass	2.43649G	15.42	-14.58	159.9M	-36.91	2.39396G	-47.36	2.4G	-50.67	2.48588G	-46.71	16.23697G	-38.06	3
2437MHz	Pass	2.43649G	15.42	-14.58	159.9M	-37.68	2.39666G	-47.26	2.4835G	-50.10	2.51502G	-47.47	16.82979G	-38.92	4
2462MHz	Pass	2.43649G	15.42	-14.58	159.9M	-37.62	2.39686G	-48.18	2.4835G	-49.66	2.49704G	-46.22	24.2667G	-39.16	1
2462MHz	Pass	2.43649G	15.42	-14.58	159.9M	-36.05	2.39692G	-46.70	2.4835G	-50.81	2.4981G	-46.24	16.66684G	-38.46	2
2462MHz	Pass	2.43649G	15.42	-14.58	159.9M	-38.25	2.39192G	-47.51	2.4G	-49.11	2.4878G	-46.28	16.62469G	-38.88	3
2462MHz	Pass	2.43649G	15.42	-14.58	159.9M	-37.97	2.39492G	-46.92	2.4835G	-49.69	2.4925G	-46.41	24.64038G	-39.31	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	12.63	-17.37	159.9M	-37.29	2.39992G	-31.85	2.4G	-32.23	2.48886G	-47.08	16.22012G	-38.27	1
2412MHz	Pass	2.4395G	12.63	-17.37	159.9M	-37.57	2.39982G	-30.93	2.4G	-33.93	2.51348G	-46.87	23.37888G	-39.22	2
2412MHz	Pass	2.4395G	12.63	-17.37	159.9M	-37.60	2.4G	-31.00	2.4G	-31.80	2.50598G	-46.69	23.33393G	-38.67	3
2412MHz	Pass	2.4395G	12.63	-17.37	159.9M	-37.73	2.3999G	-32.37	2.4G	-32.60	2.5087G	-46.12	23.58679G	-37.45	4
2437MHz	Pass	2.4395G	12.63	-17.37	159.9M	-37.62	2.39678G	-46.15	2.4G	-47.97	2.49596G	-46.39	16.27631G	-38.27	1
2437MHz	Pass	2.4395G	12.63	-17.37	159.9M	-37.22	2.39946G	-46.02	2.4835G	-49.00	2.51068G	-45.38	24.73028G	-38.35	2
2437MHz	Pass	2.4395G	12.63	-17.37	159.9M	-38.86	2.39912G	-46.51	2.4835G	-48.94	2.51998G	-45.99	24.0588G	-38.40	3
2437MHz	Pass	2.4395G	12.63	-17.37	159.9M	-38.00	2.39862G	-45.37	2.4835G	-49.04	2.48488G	-46.20	17.23999G	-38.91	4
2462MHz	Pass	2.4395G	12.63	-17.37	159.9M	-37.79	2.3968G	-46.65	2.4835G	-42.34	2.48414G	-41.72	17.67828G	-37.97	1
2462MHz	Pass	2.4395G	12.63	-17.37	159.9M	-36.87	2.39854G	-45.71	2.4835G	-46.42	2.48388G	-44.33	24.99157G	-38.79	2
2462MHz	Pass	2.4395G	12.63	-17.37	159.9M	-36.77	2.39544G	-45.64	2.4835G	-42.95	2.4836G	-40.31	16.93937G	-39.20	3
2462MHz	Pass	2.4395G	12.63	-17.37	159.9M	-37.73	2.39844G	-46.72	2.4835G	-43.19	2.4839G	-40.63	24.63476G	-38.74	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	12.73	-17.27	159.9M	-38.53	2.39998G	-28.00	2.4G	-29.09	2.50328G	-45.39	23.34236G	-38.06	1
2412MHz	Pass	2.43198G	12.73	-17.27	159.9M	-38.05	2.39966G	-29.63	2.4G	-28.89	2.48616G	-47.62	24.37909G	-38.64	2
2412MHz	Pass	2.43198G	12.73	-17.27	159.9M	-37.15	2.39992G	-28.81	2.4G	-30.64	2.51476G	-47.07	23.36764G	-38.88	3
2412MHz	Pass	2.43198G	12.73	-17.27	159.9M	-37.77	2.3997G	-24.73	2.4G	-29.91	2.5133G	-47.07	24.5898G	-38.87	4
2437MHz	Pass	2.43198G	12.73	-17.27	159.9M	-37.56	2.39958G	-45.04	2.4G	-48.19	2.52346G	-46.29	16.27631G	-39.22	1
2437MHz	Pass	2.43198G	12.73	-17.27	159.9M	-36.40	2.39186G	-46.07	2.4G	-46.61	2.4847G	-46.41	24.67409G	-38.52	2
2437MHz	Pass	2.43198G	12.73	-17.27	159.9M	-36.79	2.39412G	-46.17	2.4G	-45.79	2.48598G	-46.29	24.87638G	-38.75	3
2437MHz	Pass	2.43198G	12.73	-17.27	159.9M	-38.02	2.39774G	-46.14	2.4G	-47.37	2.51298G	-46.57	24.44652G	-38.72	4
2462MHz	Pass	2.43198G	12.73	-17.27	159.9M	-36.56	2.39056G	-47.67	2.4835G	-46.87	2.48552G	-44.36	24.59542G	-36.96	1
2462MHz	Pass	2.43198G	12.73	-17.27	159.9M	-37.69	2.39816G	-47.08	2.4835G	-48.37	2.508G	-46.17	24.65161G	-38.81	2
2462MHz	Pass	2.43198G	12.73	-17.27	159.9M	-37.64	2.39838G	-46.40	2.4835G	-45.00	2.4835G	-44.05	24.96629G	-38.88	3
2462MHz	Pass	2.43198G	12.73	-17.27	159.9M	-36.28	2.39464G	-46.59	2.4835G	-48.40	2.48356G	-45.16	23.35079G	-38.87	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	9.11	-20.89	159.96M	-37.84	2.39972G	-33.30	2.4G	-34.48	2.51822G	-46.77	16.97334G	-39.03	1
2422MHz	Pass	2.442G	9.11	-20.89	159.96M	-37.44	2.39984G	-36.56	2.4G	-36.86	2.4859G	-47.01	23.33129G	-37.88	2
2422MHz	Pass	2.442G	9.11	-20.89	159.96M	-37.82	2.39976G	-34.98	2.4G	-35.84	2.50274G	-46.48	23.28361G	-38.43	3
2422MHz	Pass	2.442G	9.11	-20.89	159.96M	-38.10	2.4G	-34.56	2.4G	-35.19	2.4929G	-47.14	24.94671G	-38.26	4
2437MHz	Pass	2.442G	9.11	-20.89	159.96M	-36.94	2.39996G	-39.06	2.4835G	-40.41	2.48446G	-40.42	23.23873G	-38.45	1
2437MHz	Pass	2.442G	9.11	-20.89	159.96M	-37.41	2.3986G	-40.93	2.4G	-44.72	2.48398G	-44.56	23.26678G	-37.63	2
2437MHz	Pass	2.442G	9.11	-20.89	159.96M	-38.23	2.39548G	-42.19	2.4835G	-42.60	2.48414G	-41.35	24.66345G	-39.32	3
2437MHz	Pass	2.442G	9.11	-20.89	159.96M	-37.01	2.39876G	-39.62	2.4G	-42.04	2.48386G	-39.71	24.6326G	-38.02	4
2452MHz	Pass	2.442G	9.11	-20.89	159.96M	-37.89	2.39796G	-47.49	2.4835G	-46.63	2.48414G	-44.04	17.6829G	-39.25	1
2452MHz	Pass	2.442G	9.11	-20.89	159.96M	-38.26	2.39952G	-47.86	2.4G	-49.21	2.49006G	-46.26	16.96773G	-39.32	2
2452MHz	Pass	2.442G	9.11	-20.89	159.96M	-38.85	2.39884G	-47.12	2.4835G	-43.52	2.48542G	-44.24	24.56249G	-38.53	3
2452MHz	Pass	2.442G	9.11	-20.89	159.96M	-38.59	2.3976G	-47.38	2.4835G	-45.48	2.48686G	-44.63	16.64801G	-38.69	4

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

2412MHz

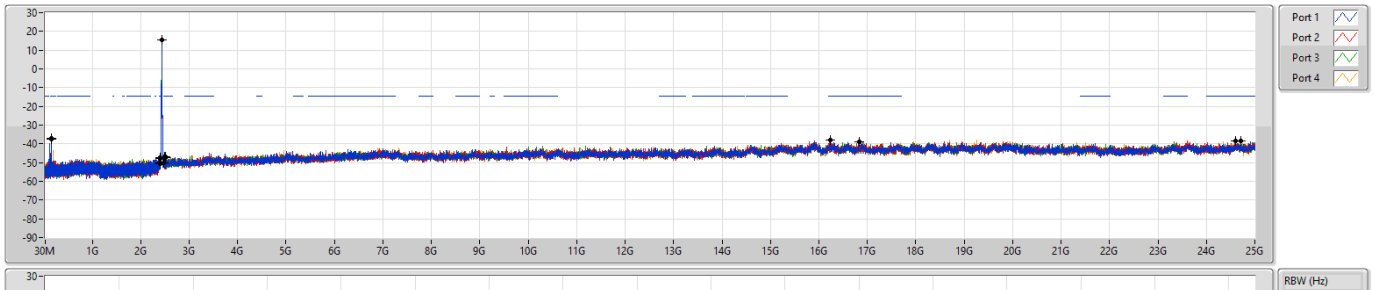


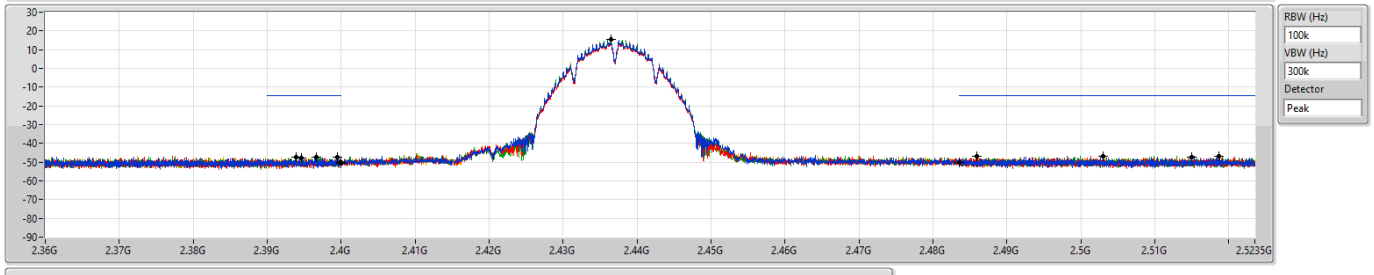


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	15.42	-14.58	159.9M	-37.18	2.39926G	-36.64	2.4G	-43.19	2.4881G	-46.73	15.21148G	-38.33	1
2.43649G	15.42	-14.58	159.9M	-37.39	2.39998G	-35.91	2.4G	-35.43	2.48652G	-47.07	24.61509G	-37.18	2
2.43649G	15.42	-14.58	159.9M	-38.03	2.4G	-36.77	2.4G	-37.64	2.51292G	-46.84	24.96348G	-38.04	3
2.43649G	15.42	-14.58	159.9M	-37.33	2.39984G	-37.57	2.4G	-37.50	2.50436G	-45.89	24.69095G	-38.88	4

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

2437MHz

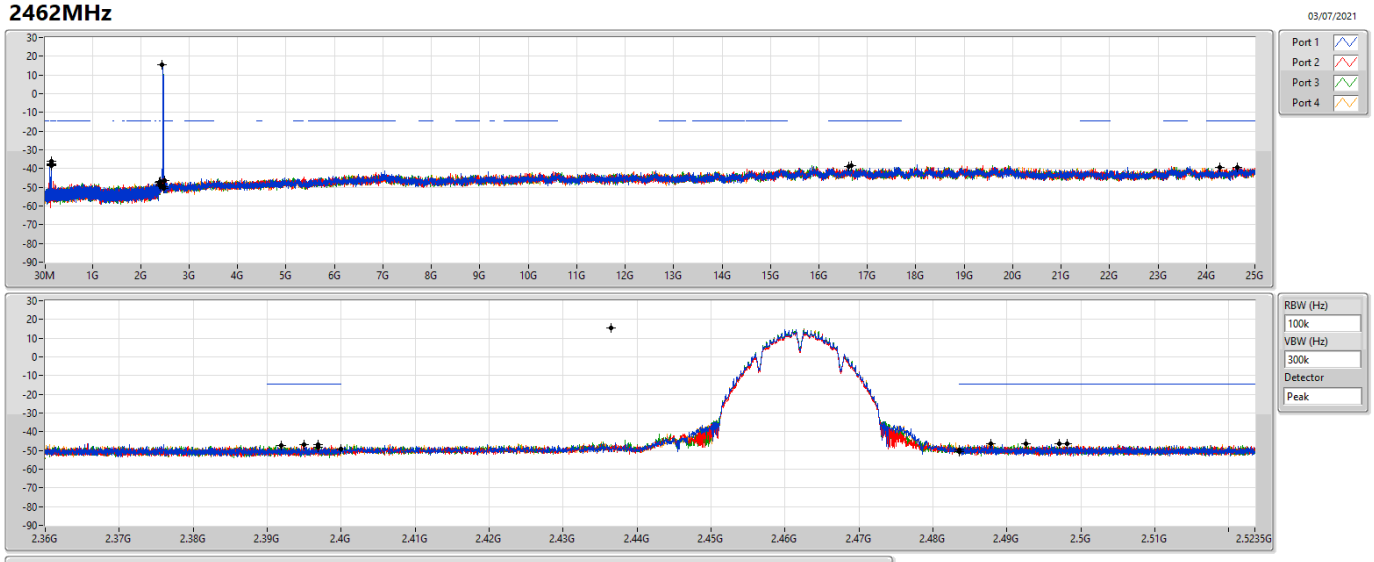




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	15.42	-14.58	159.9M	-37.53	2.39468G	-47.94	2.4G	-50.11	2.51866G	-46.69	24.59823G	-38.44	1
2.43649G	15.42	-14.58	159.9M	-37.32	2.39944G	-47.55	2.4G	-50.77	2.50302G	-46.94	24.70219G	-38.24	2
2.43649G	15.42	-14.58	159.9M	-36.91	2.39396G	-47.36	2.4G	-50.67	2.48588G	-46.71	16.23697G	-38.06	3
2.43649G	15.42	-14.58	159.9M	-37.68	2.39666G	-47.26	2.4835G	-50.10	2.51502G	-47.47	16.82979G	-38.92	4

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

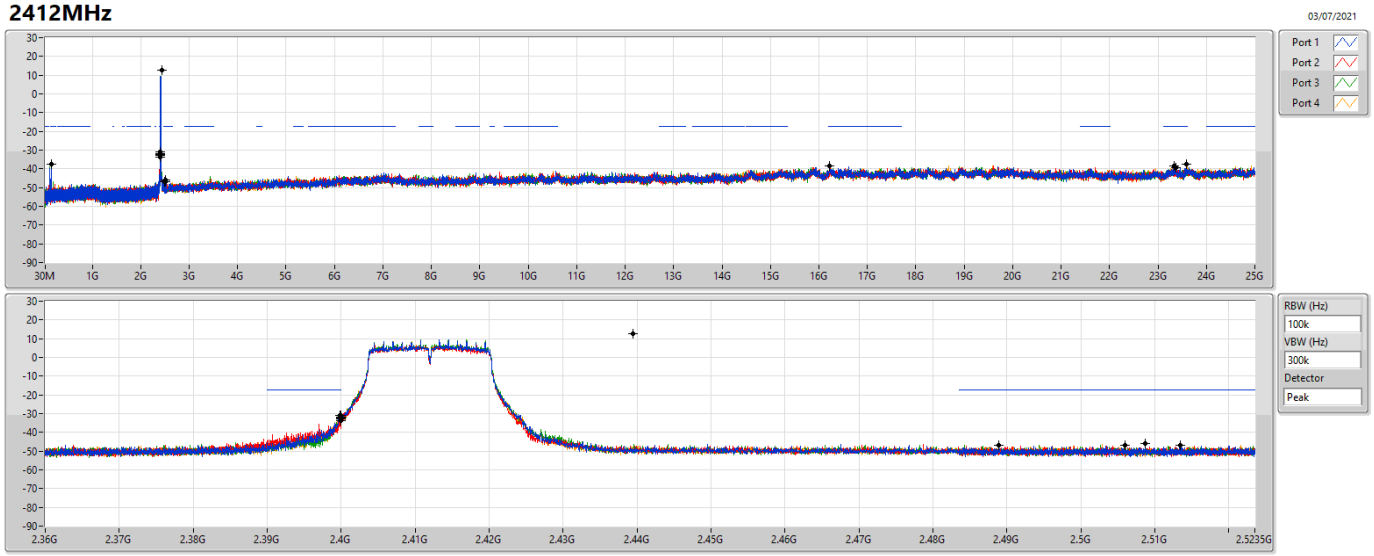
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	15.42	-14.58	159.9M	-37.62	2.39686G	-48.18	2.4835G	-49.66	2.49704G	-46.22	24.2667G	-39.16	1
2.43649G	15.42	-14.58	159.9M	-36.05	2.39692G	-46.70	2.4835G	-50.81	2.4981G	-46.24	16.66684G	-38.46	2
2.43649G	15.42	-14.58	159.9M	-38.25	2.39192G	-47.51	2.4G	-49.11	2.4878G	-46.28	16.62469G	-38.88	3
2.43649G	15.42	-14.58	159.9M	-37.97	2.39492G	-46.92	2.4835G	-49.69	2.4925G	-46.41	24.64038G	-39.31	4

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

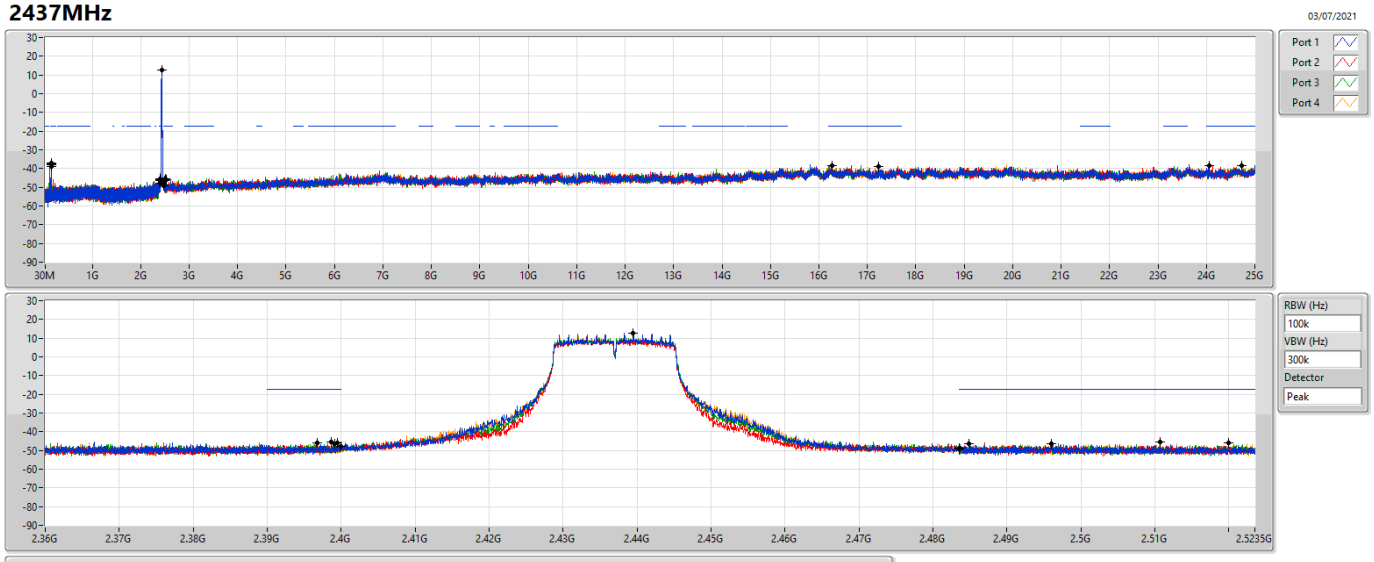
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	12.63	-17.37	159.9M	-37.29	2.39992G	-31.85	2.4G	-32.23	2.48886G	-47.08	16.22012G	-38.27	1
2.4395G	12.63	-17.37	159.9M	-37.57	2.39982G	-30.93	2.4G	-33.93	2.51348G	-46.87	23.37888G	-39.22	2
2.4395G	12.63	-17.37	159.9M	-37.60	2.4G	-31.00	2.4G	-31.80	2.50598G	-46.69	23.33393G	-38.67	3
2.4395G	12.63	-17.37	159.9M	-37.73	2.3999G	-32.37	2.4G	-32.60	2.5087G	-46.12	23.58679G	-37.45	4

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

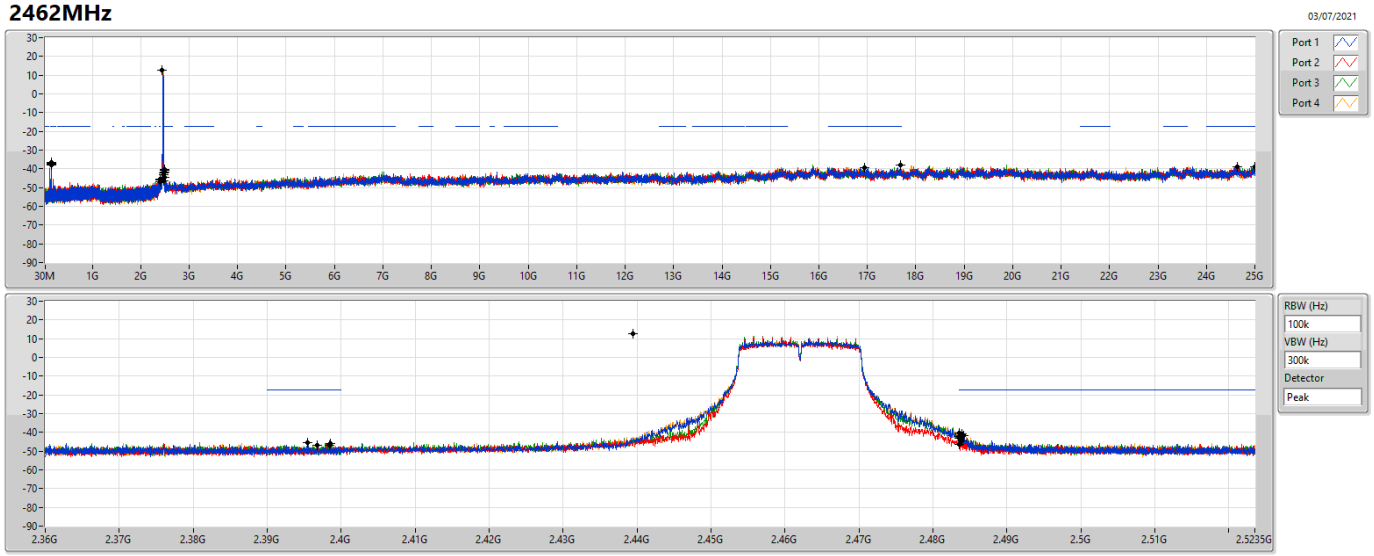
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	12.63	-17.37	159.9M	-37.62	2.39678G	-46.15	2.4G	-47.97	2.49596G	-46.39	16.27631G	-38.27	1
2.4395G	12.63	-17.37	159.9M	-37.22	2.39946G	-46.02	2.4835G	-49.00	2.51068G	-45.38	24.73028G	-38.35	2
2.4395G	12.63	-17.37	159.9M	-38.86	2.39912G	-46.51	2.4835G	-48.94	2.51998G	-45.99	24.0588G	-38.40	3
2.4395G	12.63	-17.37	159.9M	-38.00	2.39862G	-45.37	2.4835G	-49.04	2.48488G	-46.20	17.23999G	-38.91	4

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

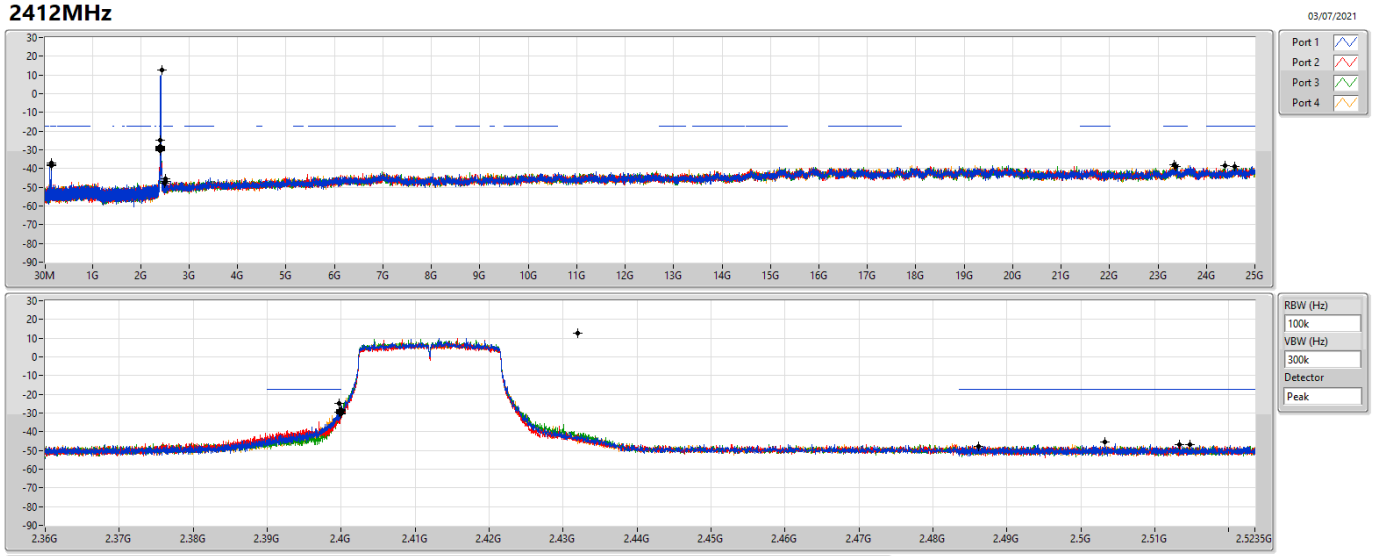
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	12.63	-17.37	159.9M	-37.79	2.3968G	-46.65	2.4835G	-42.34	2.48414G	-41.72	17.67828G	-37.97	1
2.4395G	12.63	-17.37	159.9M	-36.87	2.39854G	-45.71	2.4835G	-46.42	2.48388G	-44.33	24.99157G	-38.79	2
2.4395G	12.63	-17.37	159.9M	-36.77	2.39544G	-45.64	2.4835G	-42.95	2.4836G	-40.31	16.93937G	-39.20	3
2.4395G	12.63	-17.37	159.9M	-37.73	2.39844G	-46.72	2.4835G	-43.19	2.4839G	-40.63	24.63476G	-38.74	4

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

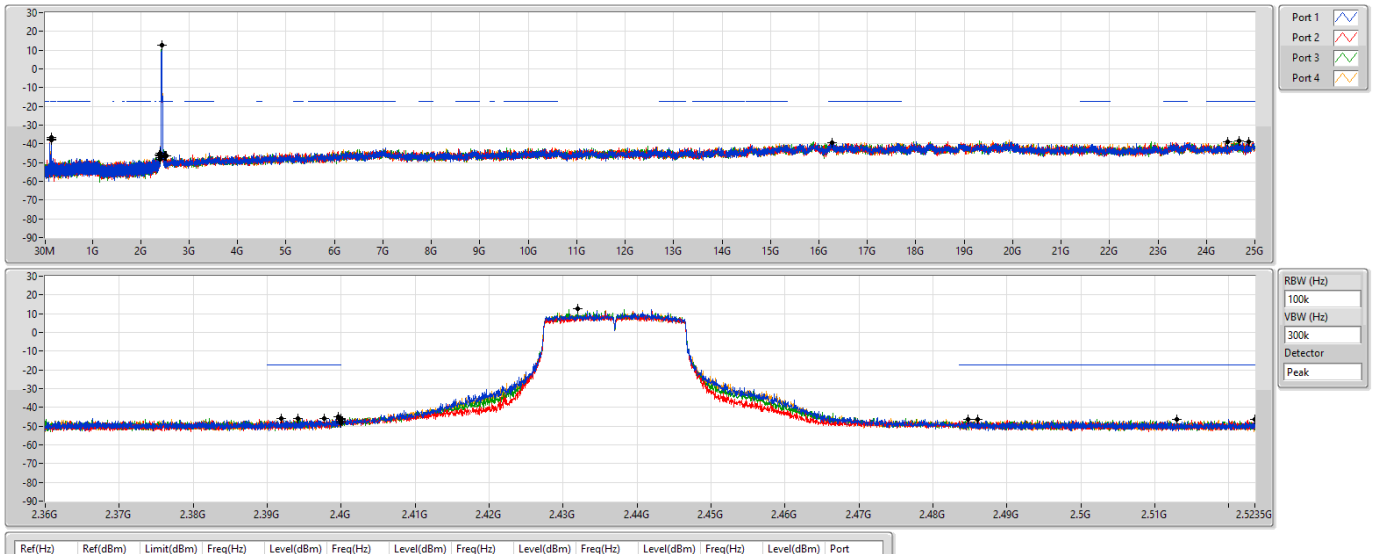
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	12.73	-17.27	159.9M	-38.53	2.39998G	-28.00	2.4G	-29.09	2.50328G	-45.39	23.34236G	-38.06	1
2.43198G	12.73	-17.27	159.9M	-38.05	2.39966G	-29.63	2.4G	-28.89	2.48616G	-47.62	24.37909G	-38.64	2
2.43198G	12.73	-17.27	159.9M	-37.15	2.39992G	-28.81	2.4G	-30.64	2.51476G	-47.07	23.36764G	-38.88	3
2.43198G	12.73	-17.27	159.9M	-37.77	2.3997G	-24.73	2.4G	-29.91	2.5133G	-47.07	24.5898G	-38.87	4

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

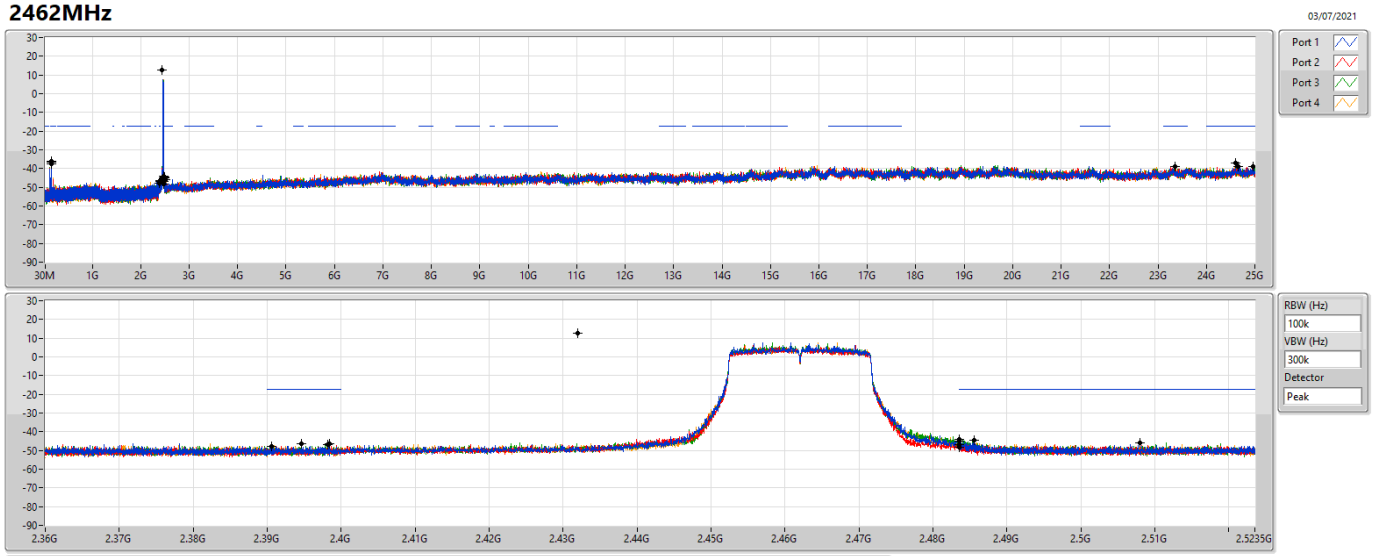
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	12.73	-17.27	159.9M	-37.56	2.39958G	-45.04	2.4G	-48.19	2.52346G	-46.29	16.27631G	-39.22	1
2.43198G	12.73	-17.27	159.9M	-36.40	2.39186G	-46.07	2.4G	-46.61	2.4847G	-46.41	24.67409G	-38.52	2
2.43198G	12.73	-17.27	159.9M	-36.79	2.39412G	-46.17	2.4G	-45.79	2.48598G	-46.29	24.87638G	-38.75	3
2.43198G	12.73	-17.27	159.9M	-38.02	2.39774G	-46.14	2.4G	-47.37	2.51298G	-46.57	24.44652G	-38.72	4

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

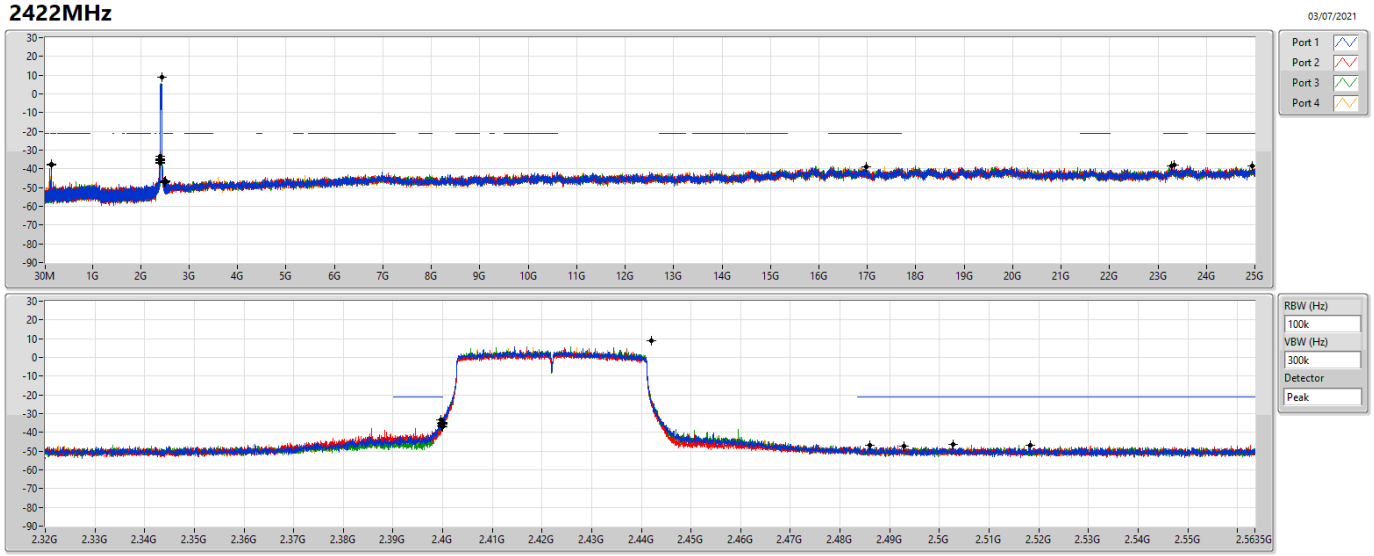
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	12.73	-17.27	159.9M	-36.56	2.39056G	-47.67	2.4835G	-46.87	2.48552G	-44.36	24.59542G	-36.96	1
2.43198G	12.73	-17.27	159.9M	-37.69	2.39816G	-47.08	2.4835G	-48.37	2.508G	-46.17	24.65161G	-38.81	2
2.43198G	12.73	-17.27	159.9M	-37.64	2.39838G	-46.40	2.4835G	-45.00	2.4835G	-44.05	24.96629G	-38.88	3
2.43198G	12.73	-17.27	159.9M	-36.28	2.39464G	-46.59	2.4835G	-48.40	2.48356G	-45.16	23.35079G	-38.87	4

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

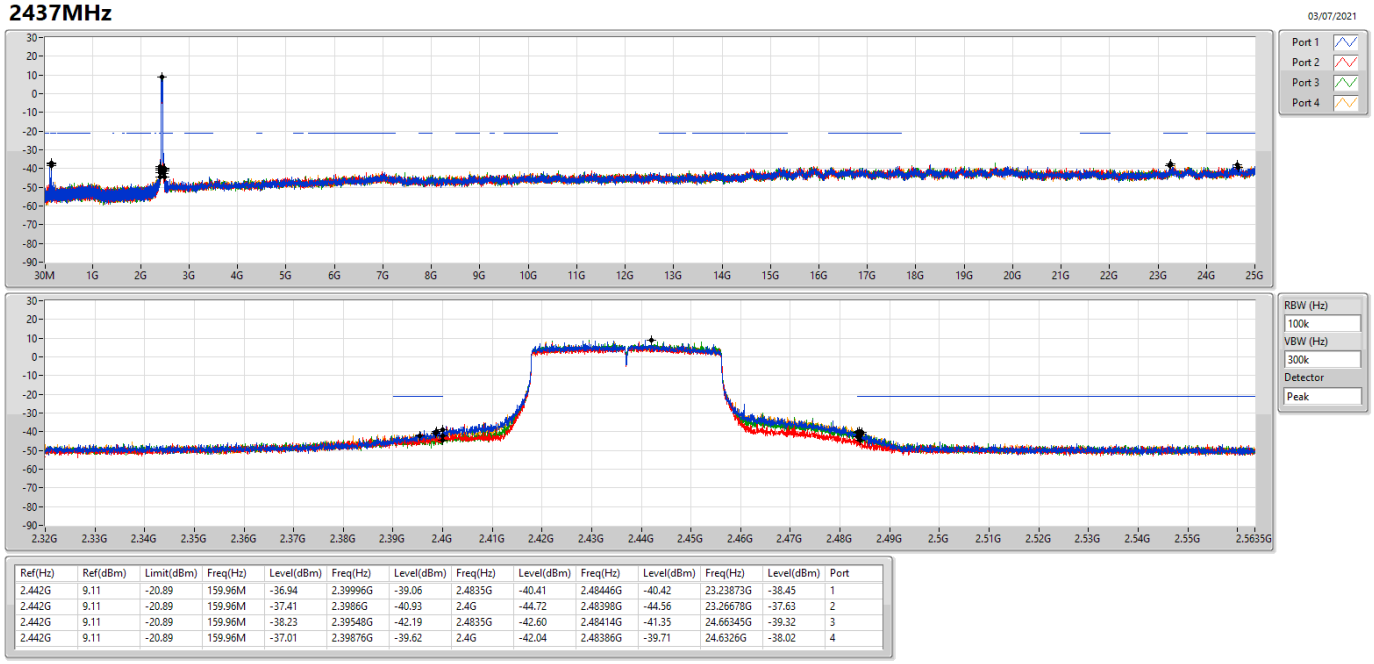
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	9.11	-20.89	159.96M	-37.84	2.39972G	-33.30	2.4G	-34.48	2.51822G	-46.77	16.97334G	-39.03	1
2.442G	9.11	-20.89	159.96M	-37.44	2.39984G	-36.56	2.4G	-36.86	2.4859G	-47.01	23.33129G	-37.88	2
2.442G	9.11	-20.89	159.96M	-37.82	2.39976G	-34.98	2.4G	-35.84	2.50274G	-46.48	23.28361G	-38.43	3
2.442G	9.11	-20.89	159.96M	-38.10	2.4G	-34.56	2.4G	-35.19	2.4929G	-47.14	24.94671G	-38.26	4

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

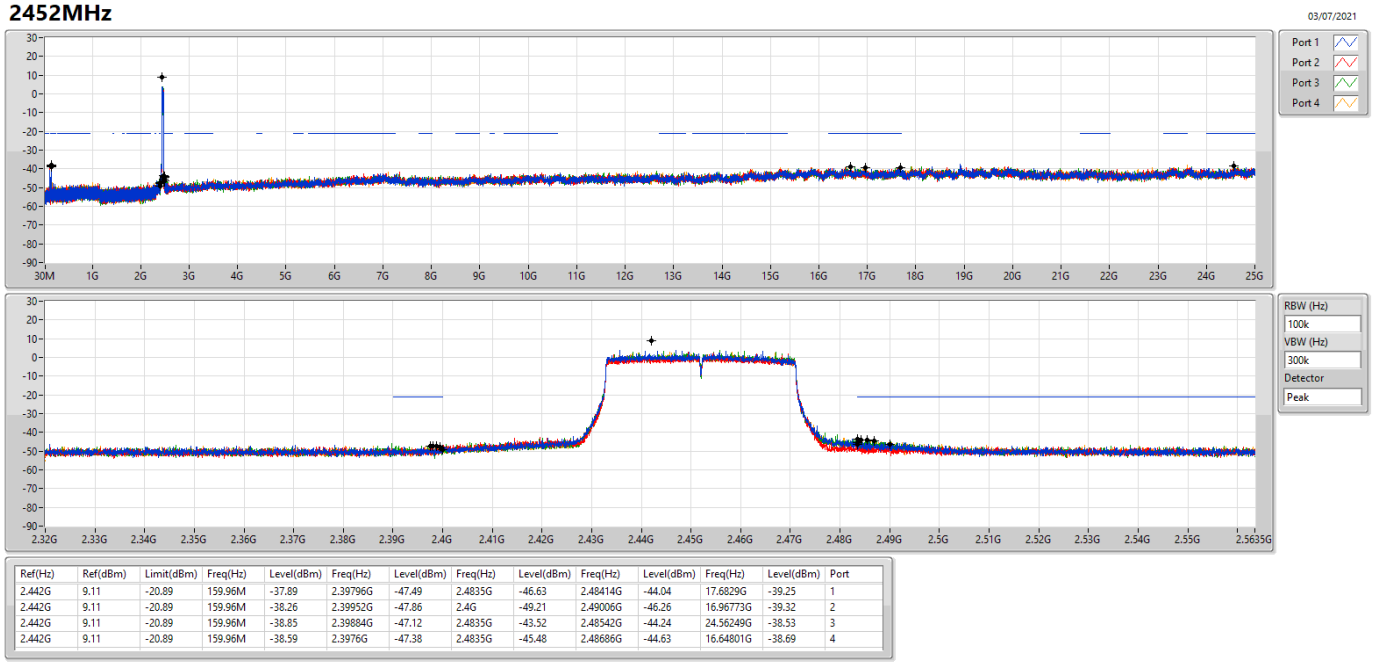
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	9.11	-20.89	159.96M	-36.94	2.39996G	-39.06	2.4835G	-40.41	2.48446G	-40.42	23.23873G	-38.45	1
2.442G	9.11	-20.89	159.96M	-37.41	2.3986G	-40.93	2.4G	-44.72	2.48398G	-44.56	23.26678G	-37.63	2
2.442G	9.11	-20.89	159.96M	-38.23	2.39548G	-42.19	2.4835G	-42.60	2.48414G	-41.35	24.66345G	-39.32	3
2.442G	9.11	-20.89	159.96M	-37.01	2.39876G	-39.62	2.4G	-42.04	2.48386G	-39.71	24.6326G	-38.02	4

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

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	9.11	-20.89	159.96M	-37.89	2.39796G	-47.49	2.4835G	-46.63	2.48414G	-44.04	17.6829G	-39.25	1
2.442G	9.11	-20.89	159.96M	-38.26	2.39952G	-47.86	2.4G	-49.21	2.49006G	-46.26	16.96773G	-39.32	2
2.442G	9.11	-20.89	159.96M	-38.85	2.39884G	-47.12	2.4835G	-43.52	2.48542G	-44.24	24.56249G	-38.53	3
2.442G	9.11	-20.89	159.96M	-38.59	2.3976G	-47.38	2.4835G	-45.48	2.48686G	-44.63	16.64801G	-38.69	4

For 4T1S non beamforming mode
Summary

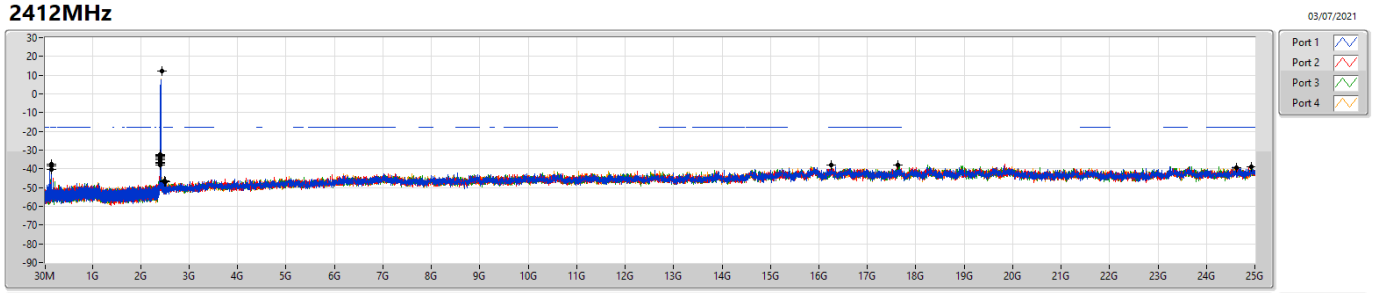
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	2.43799G	12.31	-17.69	159.9M	-40.15	2.39994G	-32.56	2.4G	-36.91	2.50486G	-46.92	16.25945G	-37.96	1
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.42801G	13.20	-16.80	159.96M	-38.02	2.39928G	-32.17	2.4G	-43.27	2.51946G	-47.19	16.28622G	-39.06	3

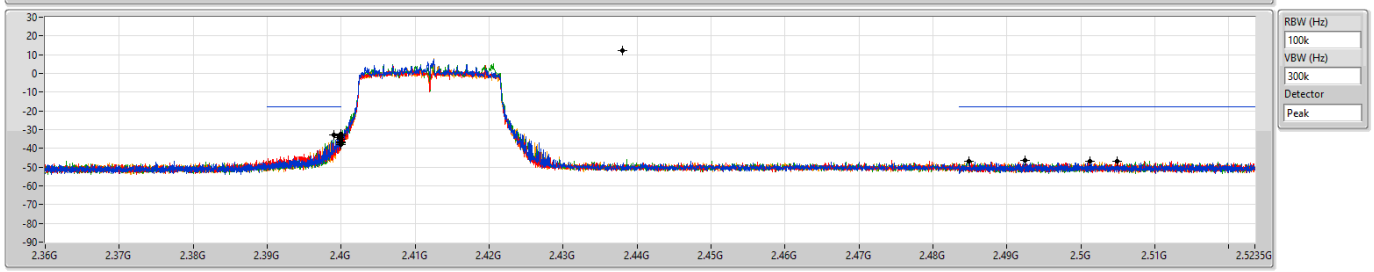
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43799G	12.31	-17.69	159.9M	-40.15	2.39994G	-32.56	2.4G	-36.91	2.50486G	-46.92	16.25945G	-37.96	1
2412MHz	Pass	2.43799G	12.31	-17.69	159.9M	-38.48	2.3997G	-34.24	2.4G	-35.31	2.50124G	-46.82	17.62209G	-38.12	2
2412MHz	Pass	2.43799G	12.31	-17.69	159.9M	-38.26	2.39896G	-32.71	2.4G	-36.63	2.48488G	-46.83	24.92695G	-38.98	3
2412MHz	Pass	2.43799G	12.31	-17.69	159.9M	-37.59	2.39998G	-33.38	2.4G	-37.92	2.49244G	-46.60	24.62352G	-39.42	4
2437MHz	Pass	2.43799G	12.31	-17.69	159.9M	-39.52	2.3921G	-46.33	2.4G	-48.65	2.49598G	-45.98	24.59542G	-38.49	1
2437MHz	Pass	2.43799G	12.31	-17.69	159.9M	-39.48	2.39958G	-46.47	2.4835G	-49.72	2.49934G	-46.83	23.58117G	-38.72	2
2437MHz	Pass	2.43799G	12.31	-17.69	159.9M	-39.03	2.39594G	-45.47	2.4G	-49.15	2.48448G	-46.38	24.99719G	-39.02	3
2437MHz	Pass	2.43799G	12.31	-17.69	159.9M	-39.94	2.3971G	-46.06	2.4G	-49.61	2.50564G	-46.77	24.90447G	-38.63	4
2462MHz	Pass	2.43799G	12.31	-17.69	159.9M	-37.12	2.39998G	-47.02	2.4835G	-46.60	2.48374G	-43.51	16.59941G	-38.60	1
2462MHz	Pass	2.43799G	12.31	-17.69	159.9M	-37.00	2.39084G	-47.97	2.4G	-48.75	2.48686G	-46.65	15.27049G	-39.18	2
2462MHz	Pass	2.43799G	12.31	-17.69	159.9M	-38.38	2.39542G	-47.81	2.4835G	-46.78	2.4835G	-43.70	24.57576G	-38.71	3
2462MHz	Pass	2.43799G	12.31	-17.69	159.9M	-38.72	2.39372G	-47.34	2.4835G	-47.90	2.48414G	-45.75	24.93819G	-39.19	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42801G	13.20	-16.80	159.96M	-37.28	2.39996G	-33.54	2.4G	-40.28	2.52558G	-47.30	16.65362G	-38.85	1
2422MHz	Pass	2.42801G	13.20	-16.80	159.96M	-37.97	2.39968G	-37.17	2.4G	-43.71	2.48986G	-47.19	24.97195G	-38.72	2
2422MHz	Pass	2.42801G	13.20	-16.80	159.96M	-38.02	2.39928G	-32.17	2.4G	-43.27	2.51946G	-47.19	16.28622G	-39.06	3
2422MHz	Pass	2.42801G	13.20	-16.80	159.96M	-37.83	2.39956G	-33.27	2.4G	-37.68	2.53618G	-46.95	24.96354G	-39.49	4
2437MHz	Pass	2.42801G	13.20	-16.80	159.96M	-37.19	2.39956G	-41.20	2.4G	-43.40	2.48426G	-45.70	24.54005G	-38.38	1
2437MHz	Pass	2.42801G	13.20	-16.80	159.96M	-37.99	2.39828G	-40.14	2.4G	-42.29	2.48814G	-42.74	16.24416G	-39.27	2
2437MHz	Pass	2.42801G	13.20	-16.80	159.96M	-38.29	2.39956G	-41.51	2.4G	-45.87	2.49138G	-44.41	24.0184G	-38.64	3
2437MHz	Pass	2.42801G	13.20	-16.80	159.96M	-36.84	2.39972G	-40.15	2.4G	-44.58	2.48358G	-43.99	16.91164G	-38.67	4
2452MHz	Pass	2.42801G	13.20	-16.80	159.96M	-38.02	2.39388G	-48.47	2.4835G	-49.11	2.55334G	-46.98	17.66607G	-37.72	1
2452MHz	Pass	2.42801G	13.20	-16.80	159.96M	-38.03	2.39872G	-48.33	2.4835G	-50.21	2.4873G	-46.99	24.95232G	-38.92	2
2452MHz	Pass	2.42801G	13.20	-16.80	159.96M	-38.03	2.39924G	-48.04	2.4835G	-48.10	2.48542G	-47.05	24.96635G	-38.81	3
2452MHz	Pass	2.42801G	13.20	-16.80	159.96M	-38.37	2.39732G	-48.92	2.4G	-50.75	2.5555G	-46.64	24.97476G	-38.27	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **CSENdB**

2412MHz

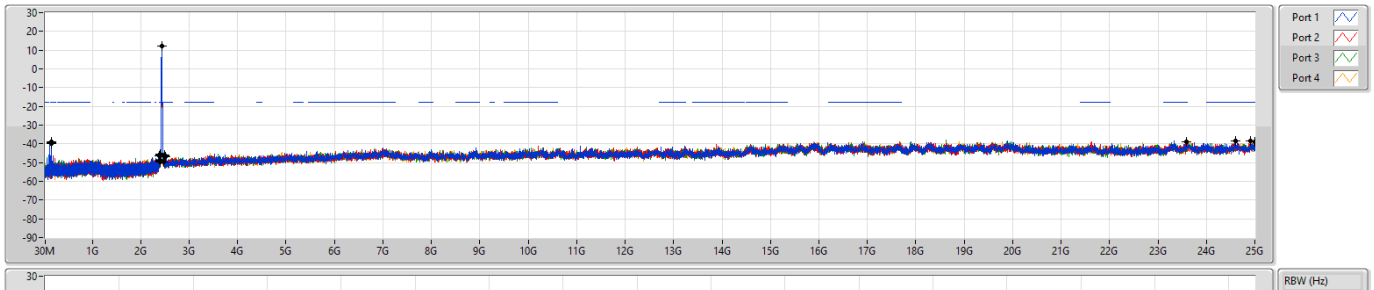


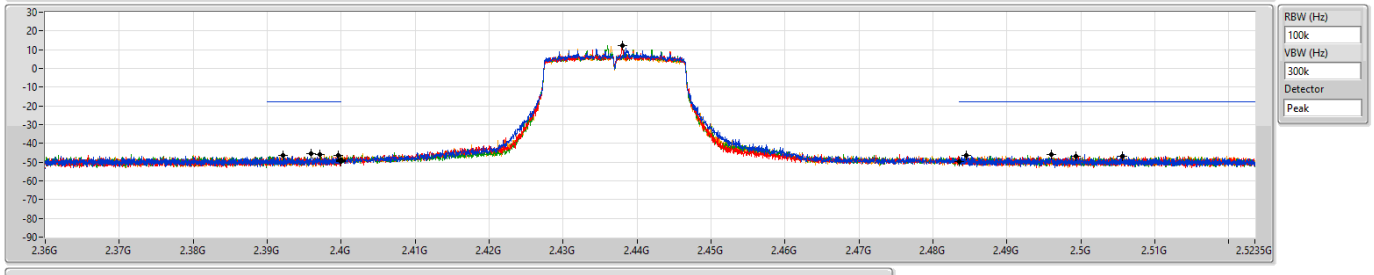


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	12.31	-17.69	159.9M	-40.15	2.39994G	-32.56	2.4G	-36.91	2.50486G	-46.92	16.25945G	-37.96	1
2.43799G	12.31	-17.69	159.9M	-38.48	2.3997G	-34.24	2.4G	-35.31	2.50124G	-46.82	17.62209G	-38.12	2
2.43799G	12.31	-17.69	159.9M	-38.26	2.39896G	-32.71	2.4G	-36.63	2.48488G	-46.83	24.92695G	-38.98	3
2.43799G	12.31	-17.69	159.9M	-37.59	2.39998G	-33.38	2.4G	-37.92	2.49244G	-46.60	24.62352G	-39.42	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **CSENdB**

2437MHz

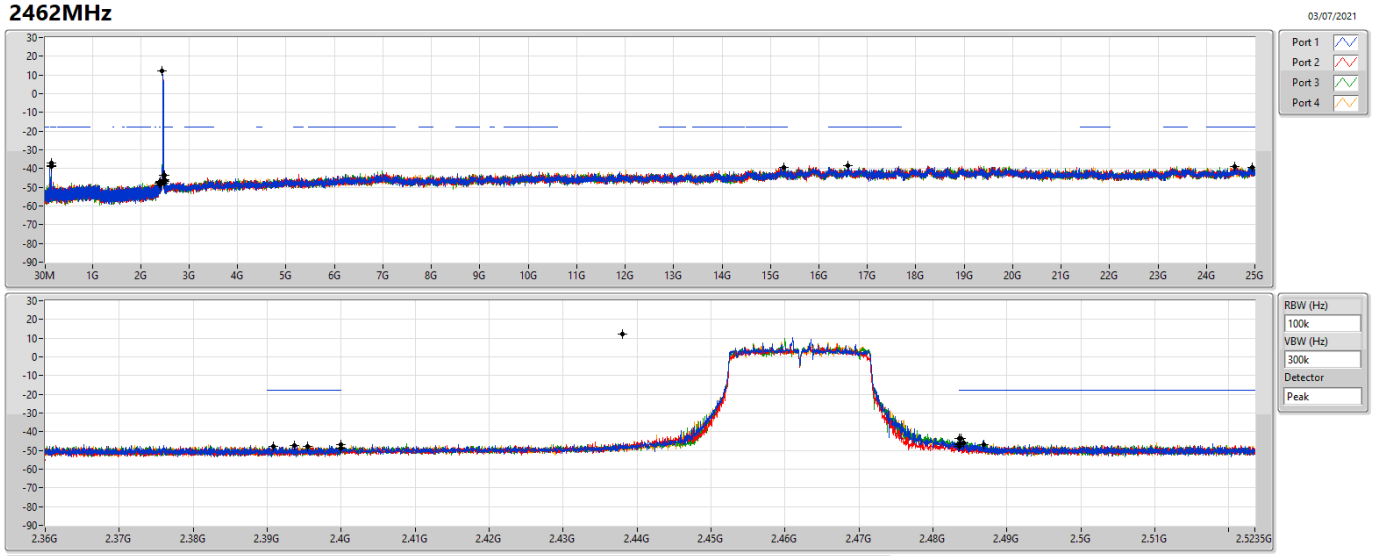




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	12.31	-17.69	159.9M	-39.52	2.3921G	-46.33	2.4G	-48.65	2.49598G	-45.98	24.59542G	-38.49	1
2.43799G	12.31	-17.69	159.9M	-39.48	2.39958G	-46.47	2.4835G	-49.72	2.49934G	-46.83	23.58117G	-38.72	2
2.43799G	12.31	-17.69	159.9M	-39.03	2.39594G	-45.47	2.4G	-49.15	2.48448G	-46.38	24.99719G	-39.02	3
2.43799G	12.31	-17.69	159.9M	-39.94	2.3971G	-46.06	2.4G	-49.61	2.50564G	-46.77	24.90447G	-38.63	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **CSENdB**

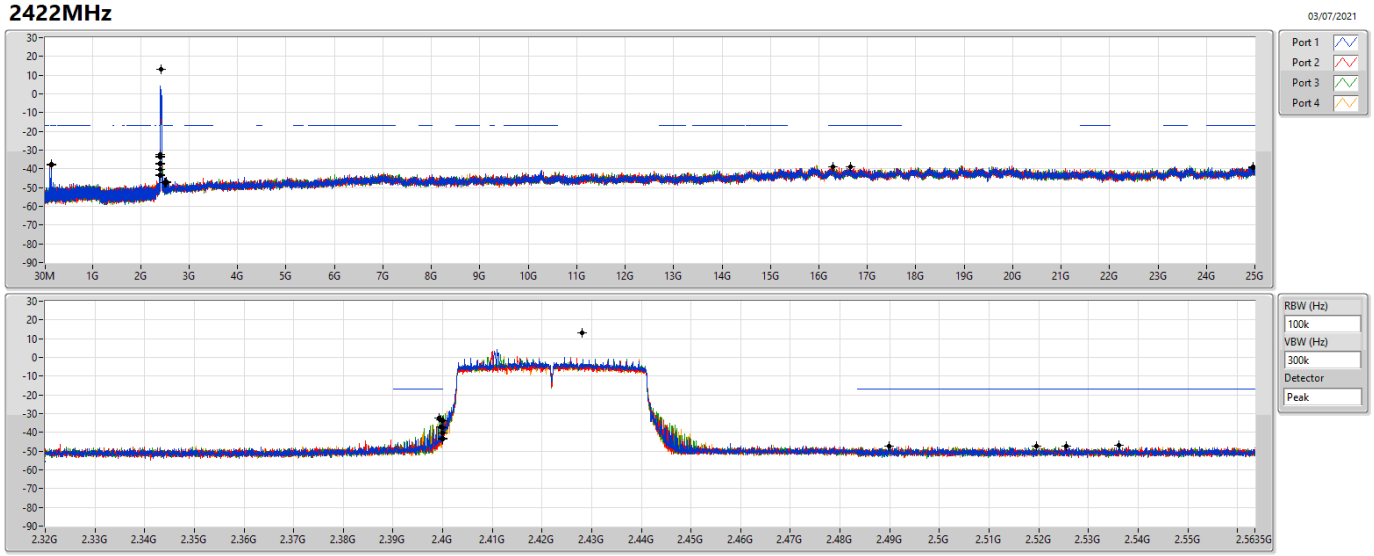
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	12.31	-17.69	159.9M	-37.12	2.39998G	-47.02	2.4835G	-46.60	2.48374G	-43.51	16.59941G	-38.60	1
2.43799G	12.31	-17.69	159.9M	-37.00	2.39084G	-47.97	2.4G	-48.75	2.48686G	-46.65	15.27049G	-39.18	2
2.43799G	12.31	-17.69	159.9M	-38.38	2.39542G	-47.81	2.4835G	-46.78	2.4835G	-43.70	24.57576G	-38.71	3
2.43799G	12.31	-17.69	159.9M	-38.72	2.39372G	-47.34	2.4835G	-47.90	2.48414G	-45.75	24.93819G	-39.19	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSENdB**

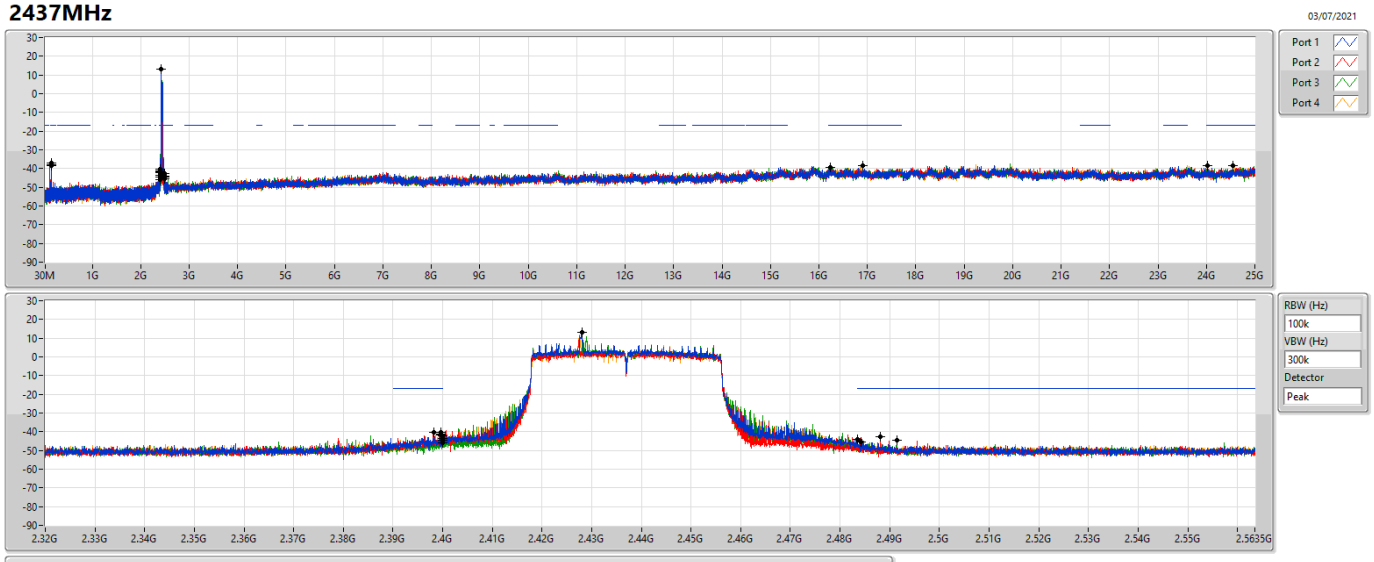
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42801G	13.20	-16.80	159.96M	-37.28	2.39996G	-33.54	2.4G	-40.28	2.52558G	-47.30	16.65362G	-38.85	1
2.42801G	13.20	-16.80	159.96M	-37.97	2.39968G	-37.17	2.4G	-43.71	2.48986G	-47.19	24.97195G	-38.72	2
2.42801G	13.20	-16.80	159.96M	-38.02	2.39928G	-32.17	2.4G	-43.27	2.51946G	-47.19	16.28622G	-39.06	3
2.42801G	13.20	-16.80	159.96M	-37.83	2.39956G	-33.27	2.4G	-37.68	2.53618G	-46.95	24.96354G	-39.49	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSENdB**

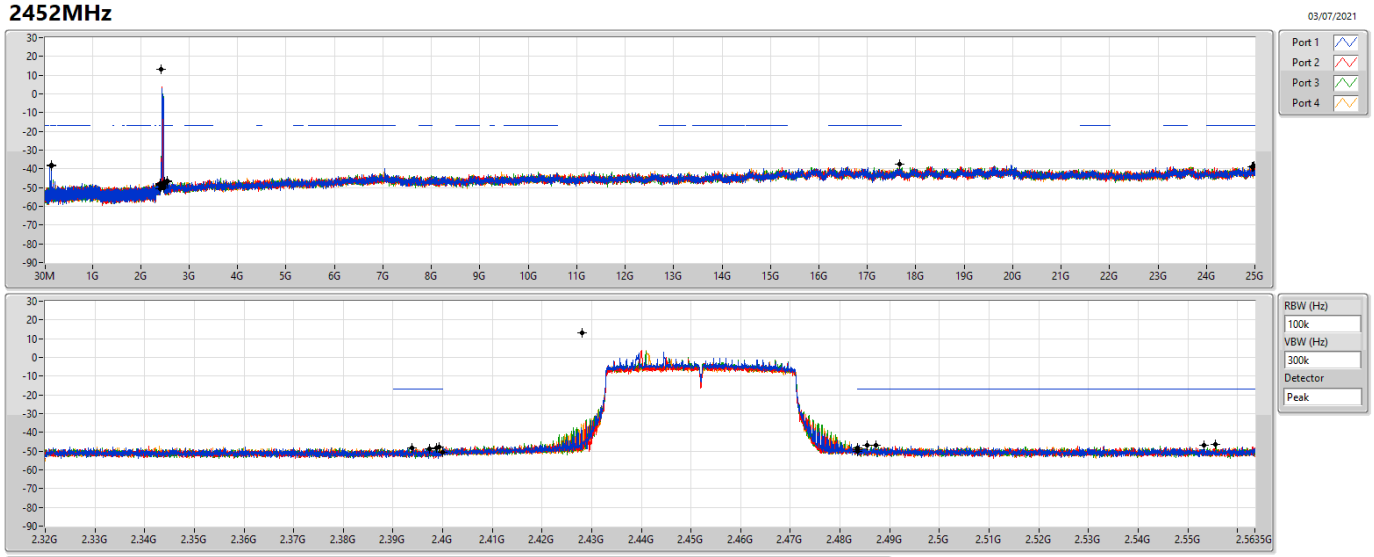
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42801G	13.20	-16.80	159.96M	-37.19	2.39956G	-41.20	2.4G	-43.40	2.48426G	-45.70	24.54005G	-38.38	1
2.42801G	13.20	-16.80	159.96M	-37.99	2.39828G	-40.14	2.4G	-42.29	2.48814G	-42.74	16.24416G	-39.27	2
2.42801G	13.20	-16.80	159.96M	-38.29	2.39956G	-41.51	2.4G	-45.87	2.49138G	-44.41	24.0184G	-38.64	3
2.42801G	13.20	-16.80	159.96M	-36.84	2.39972G	-40.15	2.4G	-44.58	2.48358G	-43.99	16.91164G	-38.67	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42801G	13.20	-16.80	159.96M	-38.02	2.39388G	-48.47	2.4835G	-49.11	2.55334G	-46.98	17.66607G	-37.72	1
2.42801G	13.20	-16.80	159.96M	-38.03	2.39872G	-48.33	2.4835G	-50.21	2.4873G	-46.99	24.95232G	-38.92	2
2.42801G	13.20	-16.80	159.96M	-38.03	2.39924G	-48.04	2.4835G	-48.10	2.48542G	-47.05	24.96635G	-38.81	3
2.42801G	13.20	-16.80	159.96M	-38.37	2.39732G	-48.92	2.4G	-50.75	2.5555G	-46.64	24.97476G	-38.27	4

For 4T2S beamforming mode
Summary

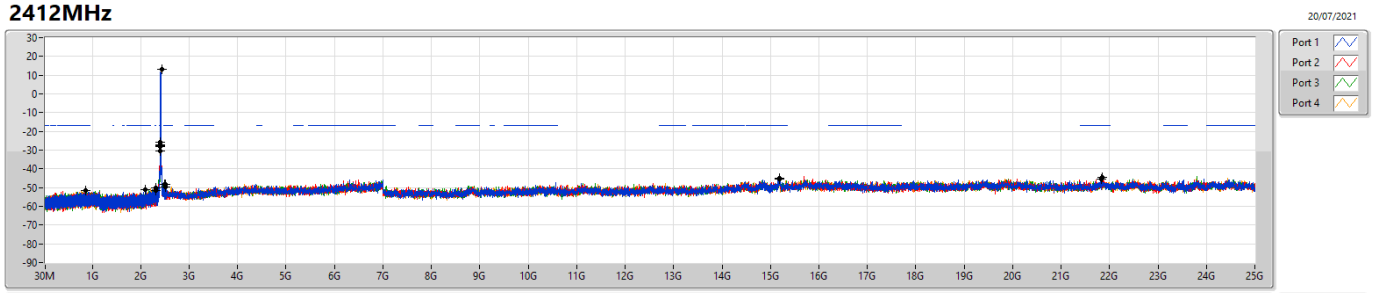
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	Pass	2.43073G	12.92	-17.08	2.3067G	-51.56	2.39984G	-27.90	2.4G	-25.86	2.48872G	-48.42	15.18901G	-44.99	4
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	Pass	2.43945G	7.37	-22.63	2.16857G	-50.77	2.4G	-32.78	2.4G	-33.56	2.50038G	-49.84	24.80929G	-45.40	1

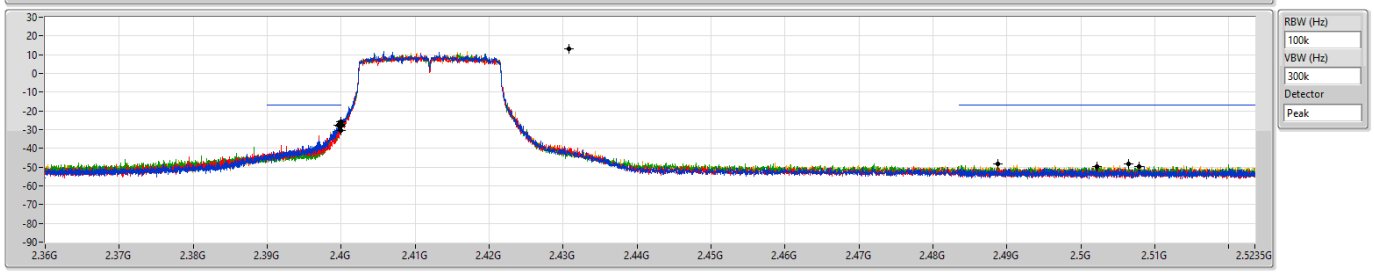
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	12.92	-17.08	858.9M	-51.77	2.3996G	-27.72	2.4G	-28.06	2.5078G	-49.76	15.18901G	-45.38	1
2412MHz	Pass	2.43073G	12.92	-17.08	2.10166G	-51.25	2.39984G	-27.56	2.4G	-30.33	2.5021G	-49.92	21.85048G	-44.67	2
2412MHz	Pass	2.43073G	12.92	-17.08	2.30408G	-50.05	2.39992G	-27.03	2.4G	-28.30	2.50638G	-48.36	21.83643G	-45.31	3
2412MHz	Pass	2.43073G	12.92	-17.08	2.3067G	-51.56	2.39984G	-27.90	2.4G	-25.86	2.48872G	-48.42	15.18901G	-44.99	4
2437MHz	Pass	2.43073G	12.92	-17.08	2.30408G	-49.39	2.39944G	-47.91	2.4G	-47.38	2.51026G	-48.38	6.9907G	-44.73	1
2437MHz	Pass	2.43073G	12.92	-17.08	2.12496G	-51.89	2.39838G	-47.50	2.4G	-48.75	2.4861G	-48.91	21.76619G	-45.66	2
2437MHz	Pass	2.43073G	12.92	-17.08	2.30408G	-51.09	2.39574G	-44.74	2.4G	-49.13	2.48734G	-48.23	15.20025G	-45.17	3
2437MHz	Pass	2.43073G	12.92	-17.08	2.16545G	-51.48	2.39946G	-47.87	2.4G	-50.65	2.48898G	-48.62	24.12342G	-44.83	4
2462MHz	Pass	2.43073G	12.92	-17.08	2.13982G	-50.94	2.39696G	-50.04	2.4835G	-47.74	2.48362G	-46.36	24.13465G	-45.20	1
2462MHz	Pass	2.43073G	12.92	-17.08	2.1302G	-51.34	2.39042G	-50.13	2.4835G	-46.91	2.484G	-45.64	6.99632G	-45.35	2
2462MHz	Pass	2.43073G	12.92	-17.08	2.18321G	-51.27	2.39746G	-49.82	2.4835G	-47.76	2.48576G	-44.15	21.97129G	-45.82	3
2462MHz	Pass	2.43073G	12.92	-17.08	2.30204G	-51.68	2.39092G	-50.78	2.4835G	-48.31	2.4835G	-47.11	24.52799G	-44.08	4
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43945G	7.37	-22.63	2.16857G	-50.77	2.4G	-32.78	2.4G	-33.56	2.50038G	-49.84	24.80929G	-45.40	1
2422MHz	Pass	2.43945G	7.37	-22.63	749.35M	-50.73	2.39992G	-33.36	2.4G	-33.93	2.49838G	-49.55	24.16985G	-44.89	2
2422MHz	Pass	2.43945G	7.37	-22.63	949.72M	-51.34	2.39992G	-35.42	2.4G	-35.53	2.54086G	-49.72	15.19525G	-44.68	3
2422MHz	Pass	2.43945G	7.37	-22.63	601.64M	-51.81	2.39984G	-34.57	2.4G	-35.43	2.49138G	-49.15	16.20489G	-45.52	4
2437MHz	Pass	2.43945G	7.37	-22.63	2.30397G	-51.66	2.3998G	-45.34	2.4G	-46.15	2.48386G	-49.03	24.5681G	-45.83	1
2437MHz	Pass	2.43945G	7.37	-22.63	869M	-51.64	2.39976G	-43.73	2.4G	-44.69	2.48358G	-45.96	24.49518G	-45.24	2
2437MHz	Pass	2.43945G	7.37	-22.63	2.30311G	-51.40	2.39956G	-44.87	2.4G	-47.09	2.48378G	-46.67	24.76722G	-45.46	3
2437MHz	Pass	2.43945G	7.37	-22.63	2.30368G	-51.25	2.39948G	-44.68	2.4G	-46.68	2.48486G	-47.36	15.19244G	-45.53	4
2452MHz	Pass	2.43945G	7.37	-22.63	2.30826G	-47.78	2.39576G	-49.12	2.4835G	-44.55	2.48442G	-40.63	15.18123G	-45.67	1
2452MHz	Pass	2.43945G	7.37	-22.63	731.6M	-51.57	2.39832G	-45.90	2.4835G	-41.86	2.4895G	-37.04	16.22172G	-45.10	2
2452MHz	Pass	2.43945G	7.37	-22.63	2.30426G	-51.00	2.39584G	-47.82	2.4835G	-43.54	2.48578G	-39.34	24.44189G	-45.60	3
2452MHz	Pass	2.43945G	7.37	-22.63	735.32M	-51.23	2.39736G	-49.22	2.4835G	-45.53	2.48946G	-40.43	21.88413G	-45.39	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX **CSENdB**

2412MHz

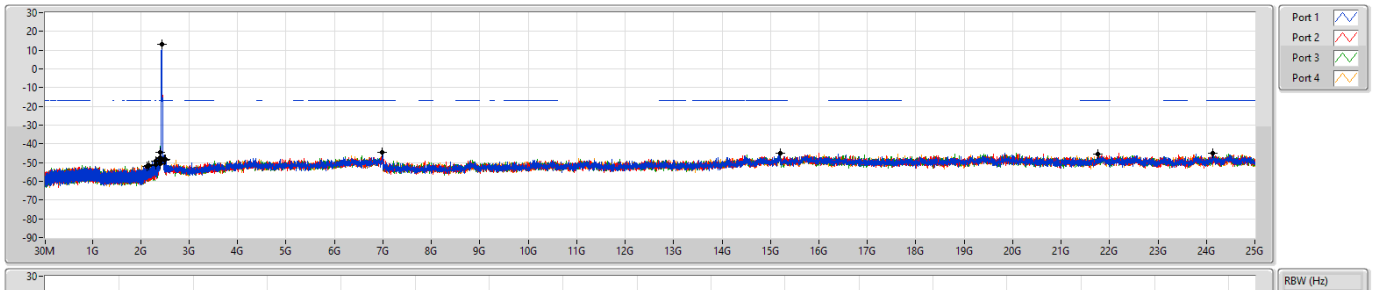


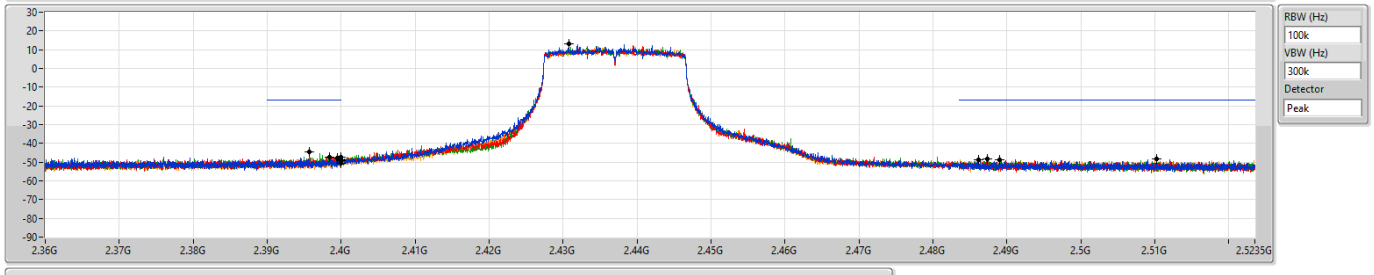


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	12.92	-17.08	858.9M	-51.77	2.3996G	-27.72	2.4G	-28.06	2.5078G	-49.76	15.18901G	-45.38	1
2.43073G	12.92	-17.08	2.10166G	-51.25	2.39984G	-27.56	2.4G	-30.33	2.5021G	-49.92	21.85048G	-44.67	2
2.43073G	12.92	-17.08	2.30408G	-50.05	2.39992G	-27.03	2.4G	-28.30	2.50638G	-48.36	21.83643G	-45.31	3
2.43073G	12.92	-17.08	2.3067G	-51.56	2.39984G	-27.90	2.4G	-25.86	2.48872G	-48.42	15.18901G	-44.99	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX **CSENdB**

2437MHz

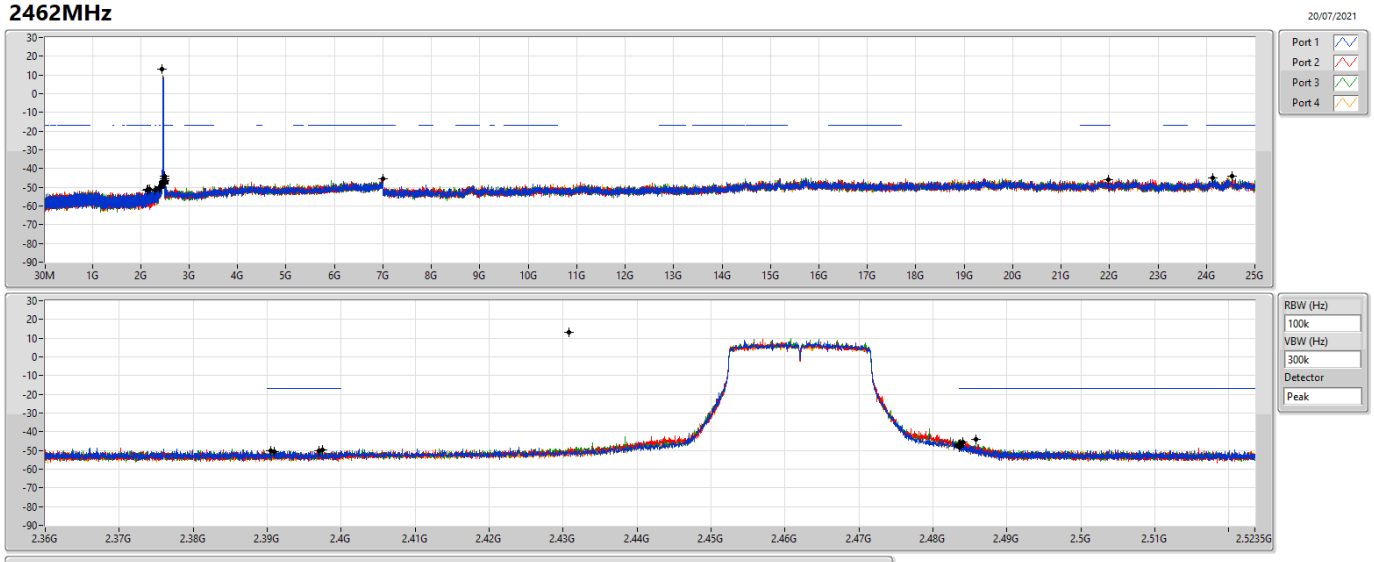




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	12.92	-17.08	2.30408G	-49.39	2.39944G	-47.91	2.4G	-47.38	2.51026G	-48.38	6.9907G	-44.73	1
2.43073G	12.92	-17.08	2.12496G	-51.89	2.39838G	-47.50	2.4G	-48.75	2.4861G	-48.91	21.76619G	-45.66	2
2.43073G	12.92	-17.08	2.30408G	-51.09	2.39574G	-44.74	2.4G	-49.13	2.48734G	-48.23	15.20025G	-45.17	3
2.43073G	12.92	-17.08	2.16545G	-51.48	2.39946G	-47.87	2.4G	-50.65	2.48898G	-48.62	24.12342G	-44.83	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX **CSENdB**

2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	12.92	-17.08	2.13982G	-50.94	2.39696G	-50.04	2.4835G	-47.74	2.48362G	-46.36	24.13465G	-45.20	1
2.43073G	12.92	-17.08	2.1302G	-51.34	2.39042G	-50.13	2.4835G	-46.91	2.484G	-45.64	6.99632G	-45.35	2
2.43073G	12.92	-17.08	2.18321G	-51.27	2.39746G	-49.82	2.4835G	-47.76	2.48576G	-44.15	21.97129G	-45.82	3
2.43073G	12.92	-17.08	2.30204G	-51.68	2.39092G	-50.78	2.4835G	-48.31	2.4835G	-47.11	24.52799G	-44.08	4

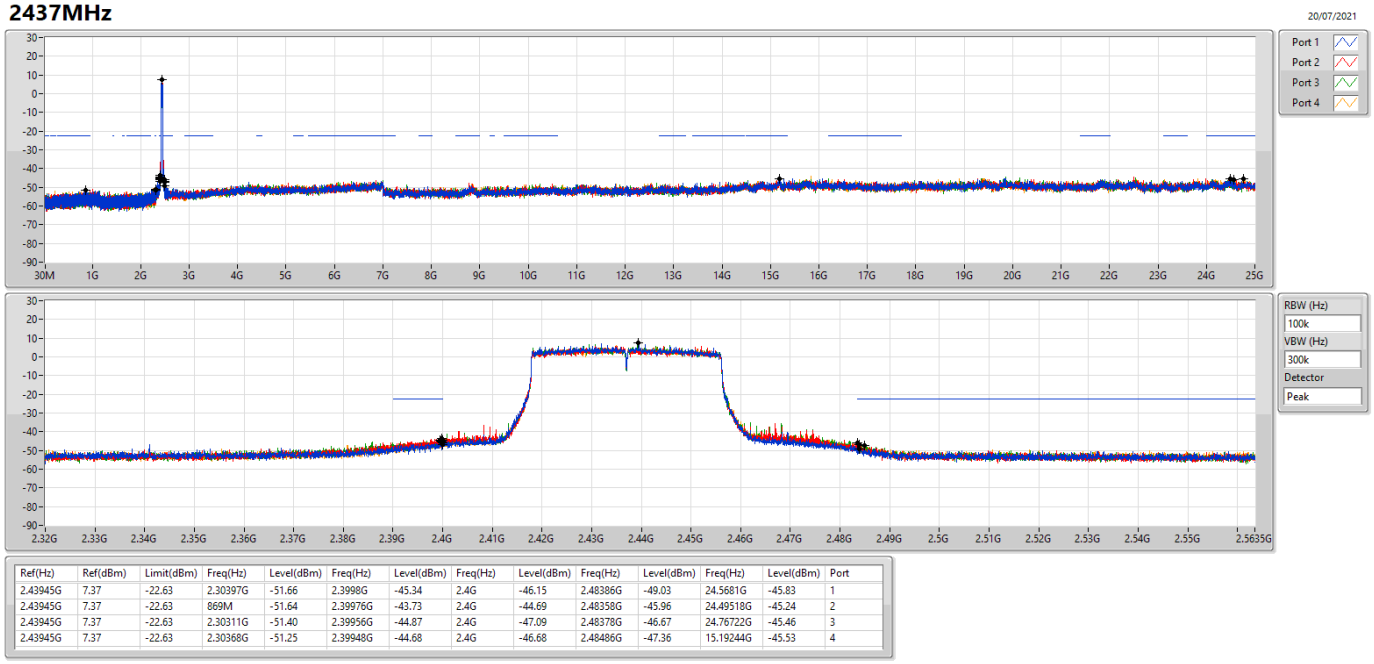
802.11ax HEW40-BF_Nss2,(MCS0)_4TX **CSENdB**

2422MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	7.37	-22.63	2.16857G	-50.77	2.4G	-32.78	2.4G	-33.56	2.50038G	-49.84	24.80929G	-45.40	1
2.43945G	7.37	-22.63	749.35M	-50.73	2.39992G	-33.36	2.4G	-33.93	2.49838G	-49.55	24.16985G	-44.89	2
2.43945G	7.37	-22.63	949.72M	-51.34	2.39992G	-35.42	2.4G	-35.53	2.54086G	-49.72	15.19525G	-44.68	3
2.43945G	7.37	-22.63	601.64M	-51.81	2.39984G	-34.57	2.4G	-35.43	2.49138G	-49.15	16.20489G	-45.52	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX **CSENdB**

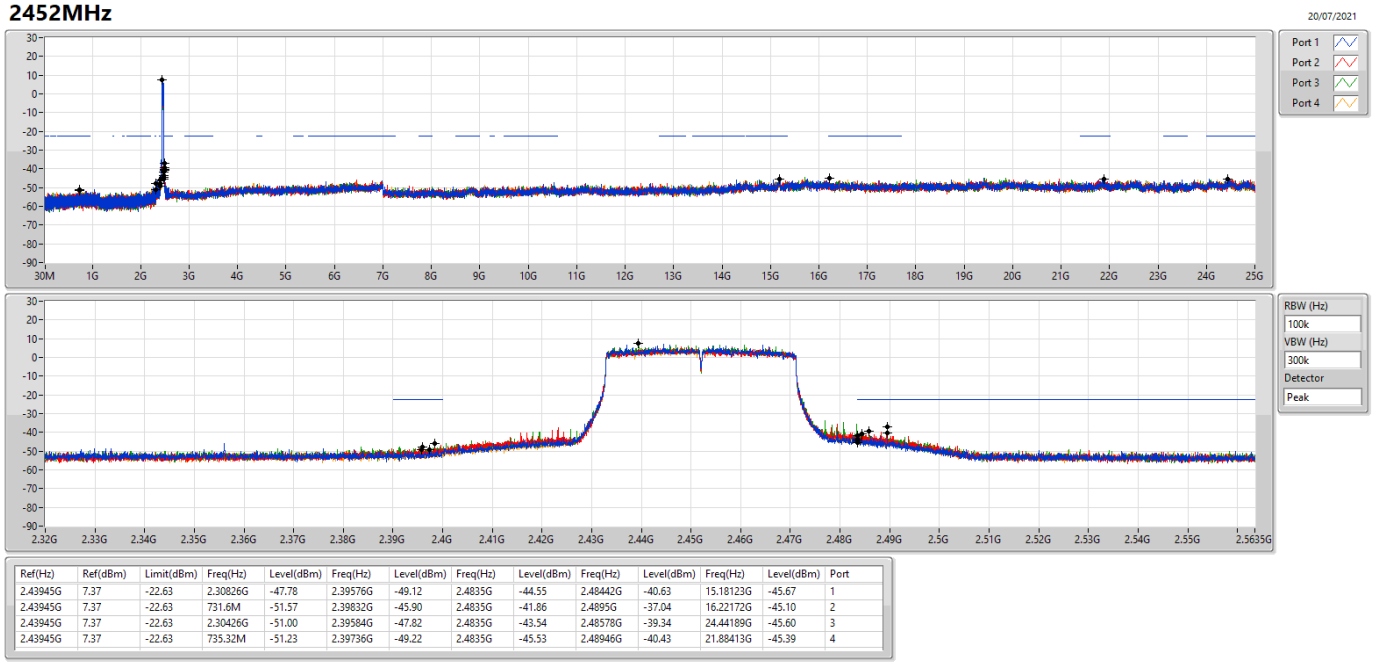
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	7.37	-22.63	2.30397G	-51.66	2.3998G	-45.34	2.4G	-46.15	2.48386G	-49.03	24.5681G	-45.83	1
2.43945G	7.37	-22.63	869M	-51.64	2.39976G	-43.73	2.4G	-44.69	2.48358G	-45.96	24.49518G	-45.24	2
2.43945G	7.37	-22.63	2.30311G	-51.40	2.39956G	-44.87	2.4G	-47.09	2.48378G	-46.67	24.76722G	-45.46	3
2.43945G	7.37	-22.63	2.30368G	-51.25	2.39948G	-44.68	2.4G	-46.68	2.48486G	-47.36	15.19244G	-45.53	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX **CSENdB**

2452MHz

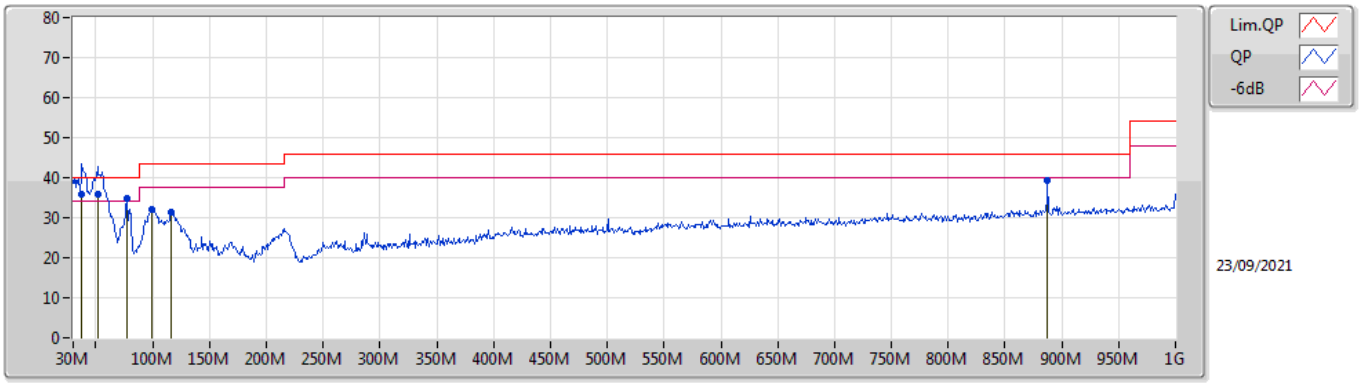


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	7.37	-22.63	2.30826G	-47.78	2.39576G	-49.12	2.4835G	-44.55	2.48442G	-40.63	15.18123G	-45.67	1
2.43945G	7.37	-22.63	731.6M	-51.57	2.39832G	-45.90	2.4835G	-41.86	2.4895G	-37.04	16.22172G	-45.10	2
2.43945G	7.37	-22.63	2.30426G	-51.00	2.39584G	-47.82	2.4835G	-43.54	2.48578G	-39.34	24.44189G	-45.60	3
2.43945G	7.37	-22.63	735.32M	-51.23	2.39736G	-49.22	2.4835G	-45.53	2.48946G	-40.43	21.88413G	-45.39	4

Summary

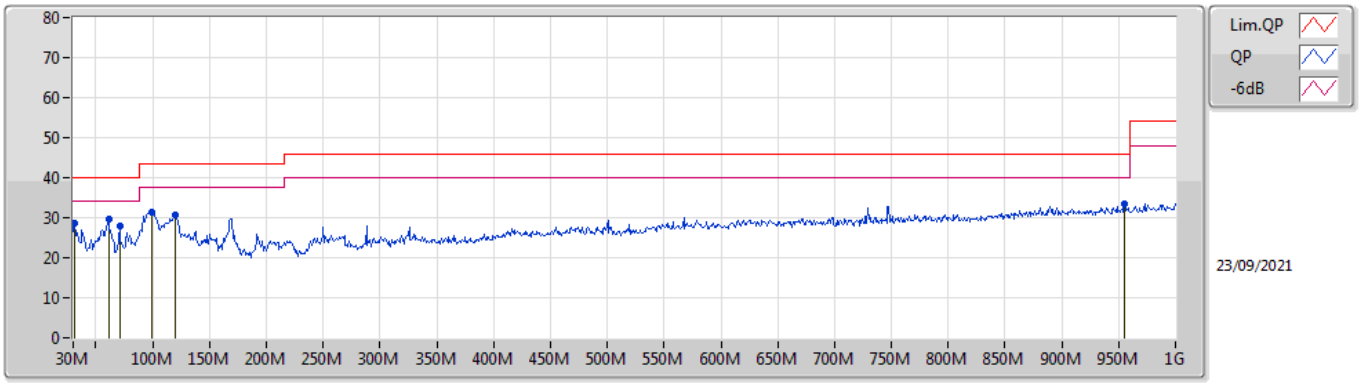
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	37.76M	35.95	40.00	-4.05	Vertical

Mode 1



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	37.76M	35.95	40.00	-4.05	-11.10	3	Vertical	178	1.00	"Worst"	47.05	19.97	0.56	31.63
QP	51.34M	35.93	40.00	-4.07	-17.57	3	Vertical	5	1.00	-	53.50	13.57	0.63	31.77
PK	77.53M	34.77	40.00	-5.23	-18.55	3	Vertical	298	1.00	-	53.32	12.46	0.90	31.91
PK	98.87M	32.15	43.50	-11.35	-14.32	3	Vertical	185	1.00	-	46.47	16.45	1.10	31.87
PK	116.33M	31.32	43.50	-12.18	-12.76	3	Vertical	120	1.00	-	44.08	17.91	1.26	31.93
PK	887.48M	39.25	46.00	-6.75	-2.26	3	Vertical	196	1.25	-	41.51	26.19	4.20	32.65

Mode 1



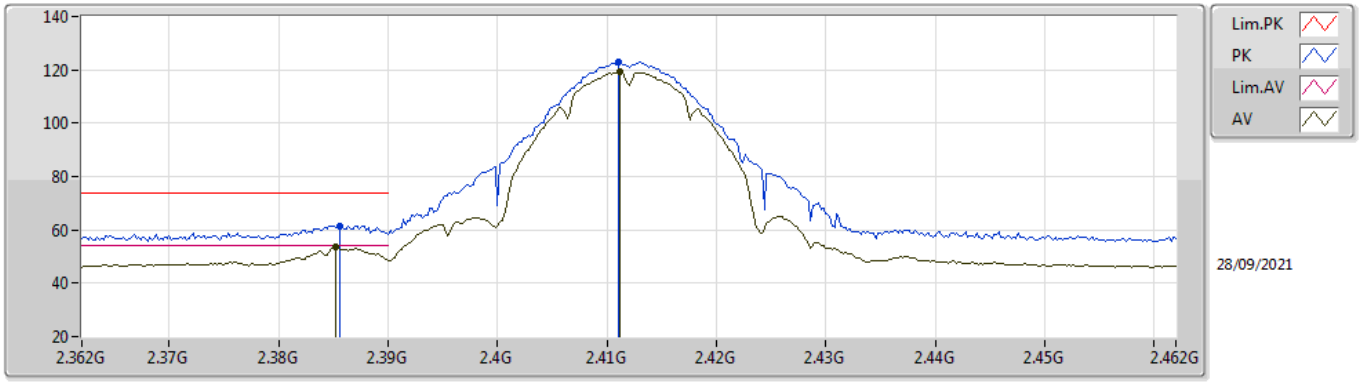
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	28.47	40.00	-11.53	-7.41	3	Horizontal	220	2.00	-	35.88	23.68	0.42	31.51
PK	61.04M	29.76	40.00	-10.24	-18.85	3	Horizontal	107	3.00	"Worst"	48.61	12.20	0.80	31.85
PK	70.74M	27.88	40.00	-12.12	-18.79	3	Horizontal	289	3.00	-	46.67	12.29	0.81	31.89
PK	98.87M	31.43	43.50	-12.07	-14.32	3	Horizontal	154	3.00	-	45.75	16.45	1.10	31.87
PK	120.21M	30.61	43.50	-12.89	-12.68	3	Horizontal	220	1.50	-	43.29	17.96	1.30	31.94
PK	955.38M	33.45	46.00	-12.55	-1.71	3	Horizontal	315	3.00	-	35.16	26.55	4.31	32.57

For 4T1S non beamforming mode
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.3766G	53.98	54.00	-0.02	3	Vertical	246	1.60	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

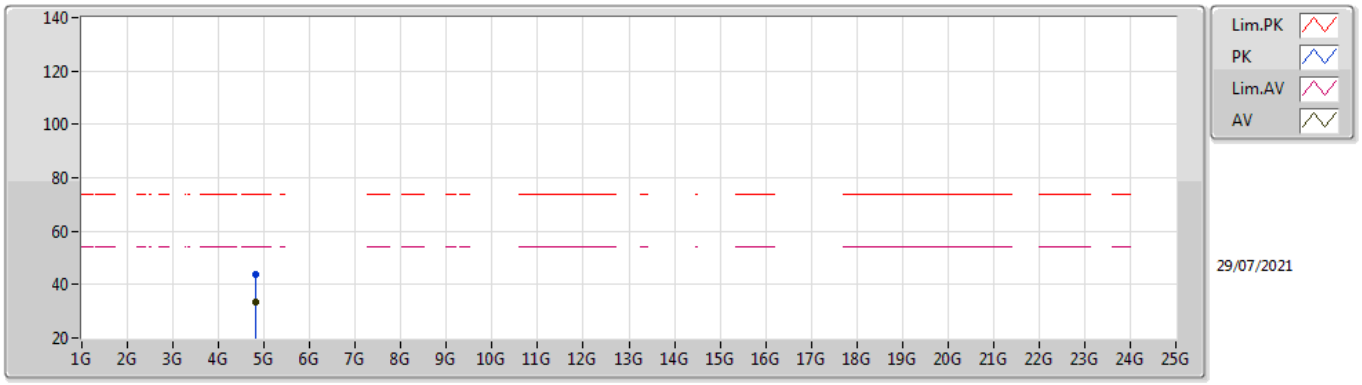


EUT Z_4TX
Setting 23.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3856G	61.51	74.00	-12.49	30.92	3	Vertical	300	1.98	-	27.52	3.07	-
AV	2.3852G	53.74	54.00	-0.26	23.15	3	Vertical	300	1.98	-	27.52	3.07	-
PK	2.411G	122.91	Inf	-Inf	92.44	3	Vertical	300	1.98	-	27.36	3.11	-
AV	2.4112G	119.30	Inf	-Inf	88.83	3	Vertical	300	1.98	-	27.36	3.11	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

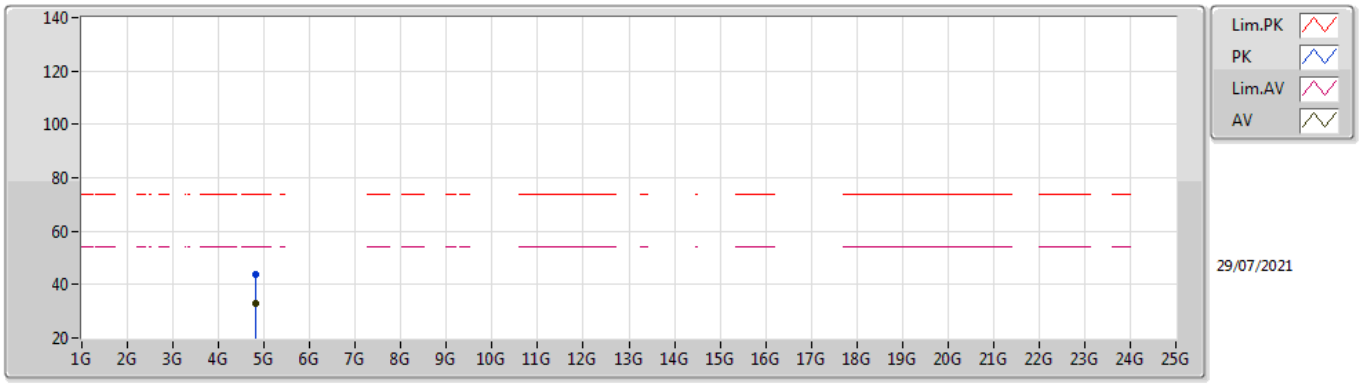


EUT Z_4TX
Setting 23.5
02-B-N-2

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	4.82388G	43.96	74.00	-30.04	38.68	3	Vertical	184	1.04	-	32.80	4.70	32.22
AV	4.82396G	33.40	54.00	-20.60	28.12	3	Vertical	184	1.04	-	32.80	4.70	32.22

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

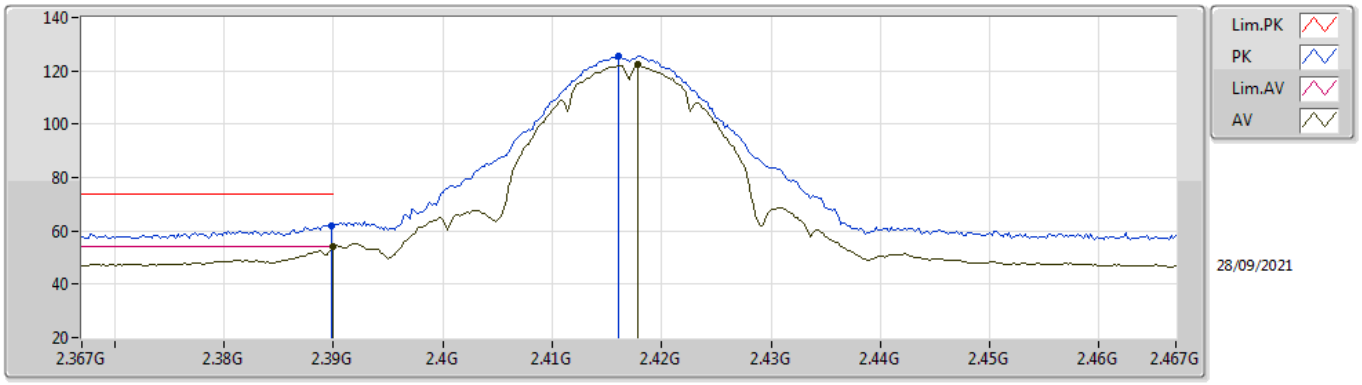


EUT Z_4TX
Setting 23.5
02-B-N-2

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	4.82508G	43.96	74.00	-30.04	38.68	3	Horizontal	177	1.17	-	32.80	4.70	32.22
AV	4.82396G	33.08	54.00	-20.92	27.80	3	Horizontal	177	1.17	-	32.80	4.70	32.22

802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

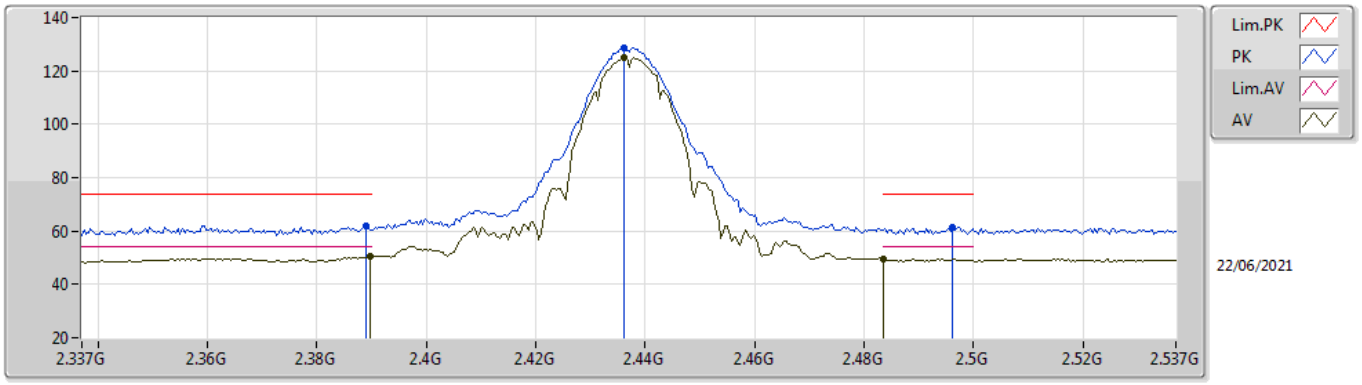


EUT Z_4TX
Setting 23.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	62.13	74.00	-11.87	31.57	3	Vertical	350	1.88	-	27.48	3.08	-
AV	2.39G	53.97	54.00	-0.03	23.41	3	Vertical	350	1.88	-	27.48	3.08	-
PK	2.416G	125.50	Inf	-Inf	95.04	3	Vertical	350	1.88	-	27.34	3.12	-
AV	2.4178G	122.55	Inf	-Inf	92.10	3	Vertical	350	1.88	-	27.33	3.12	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

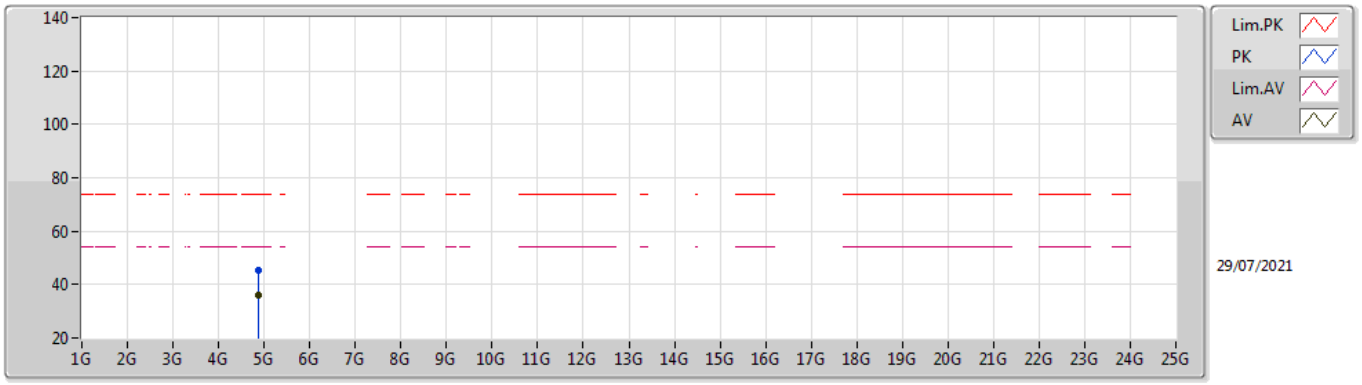


EUT Z_4TX
Setting 30
02-B-N-2

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	2.389G	61.87	74.00	-12.13	31.08	3	Vertical	105	2.32	-	28.38	2.41	-
AV	2.3898G	50.42	54.00	-3.58	19.63	3	Vertical	105	2.32	-	28.38	2.41	-
PK	2.4362G	128.63	Inf	-Inf	97.81	3	Vertical	105	2.32	-	28.40	2.42	-
AV	2.4362G	125.02	Inf	-Inf	94.20	3	Vertical	105	2.32	-	28.40	2.42	-
PK	2.4962G	61.45	74.00	-12.55	30.42	3	Vertical	105	2.32	-	28.58	2.45	-
AV	2.4835G	49.54	54.00	-4.46	18.57	3	Vertical	105	2.32	-	28.53	2.44	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

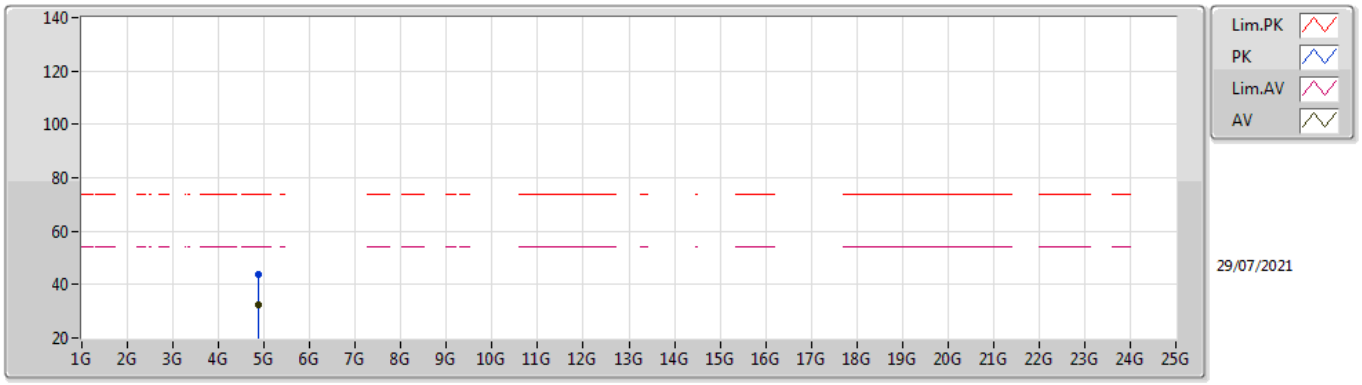


EUT Z_4TX
Setting 30
02-B-N-2

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	45.37	74.00	-28.63	39.93	3	Vertical	105	1.61	-	32.95	4.70	32.21
AV	4.874G	36.24	54.00	-17.76	30.80	3	Vertical	105	1.61	-	32.95	4.70	32.21

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

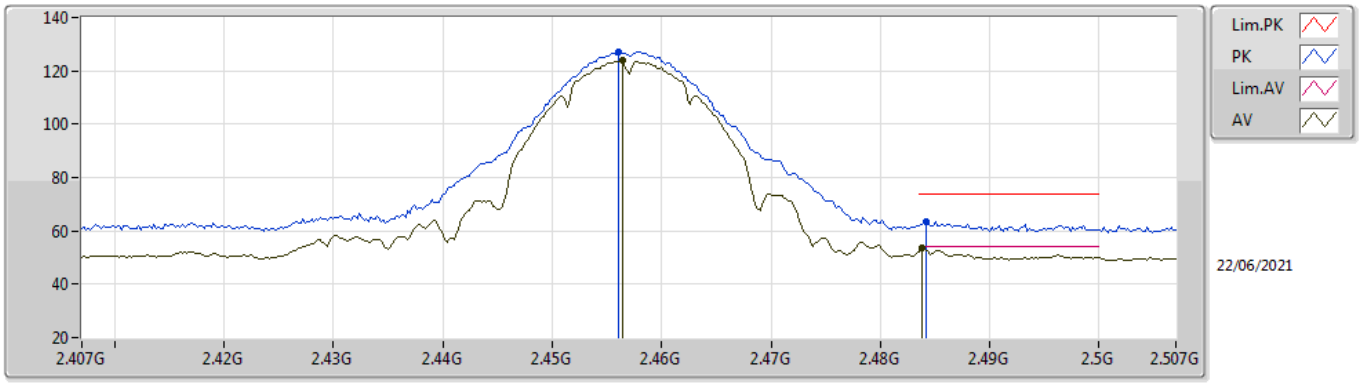


EUT Z_4TX
Setting 30
02-B-N-2

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	4.8742G	43.65	74.00	-30.35	38.21	3	Horizontal	168	1.80	-	32.95	4.70	32.21
AV	4.874G	32.65	54.00	-21.35	27.21	3	Horizontal	168	1.80	-	32.95	4.70	32.21

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

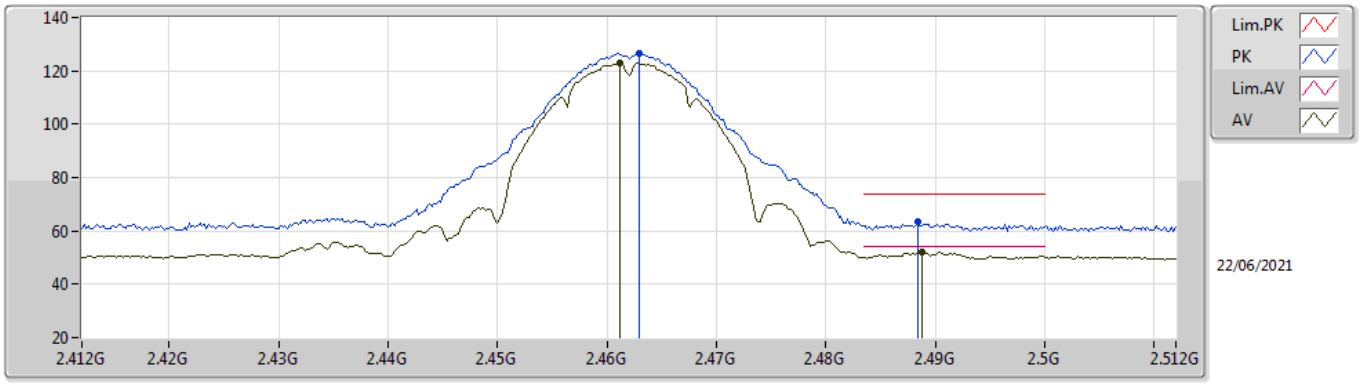


EUT Z_4TX
Setting 28
02-B-N-2

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	2.456G	127.20	Inf	-Inf	96.35	3	Vertical	175	1.80	-	28.42	2.43	-
AV	2.4564G	123.98	Inf	-Inf	93.12	3	Vertical	175	1.80	-	28.43	2.43	-
PK	2.4842G	63.48	74.00	-10.52	32.50	3	Vertical	175	1.80	-	28.54	2.44	-
AV	2.4838G	53.51	54.00	-0.49	22.53	3	Vertical	175	1.80	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

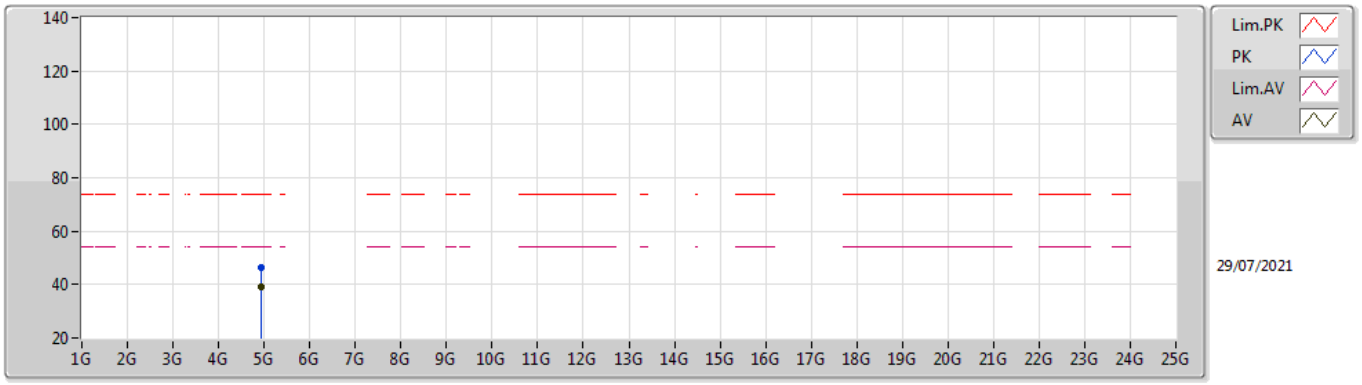


EUT Z_4TX
Setting 27
02-B-N-2

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	2.463G	126.43	Inf	-Inf	95.55	3	Vertical	174	1.74	-	28.45	2.43	-
AV	2.4612G	122.80	Inf	-Inf	91.93	3	Vertical	174	1.74	-	28.44	2.43	-
PK	2.4884G	63.44	74.00	-10.56	32.45	3	Vertical	174	1.74	-	28.55	2.44	-
AV	2.4888G	52.12	54.00	-1.88	21.12	3	Vertical	174	1.74	-	28.56	2.44	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

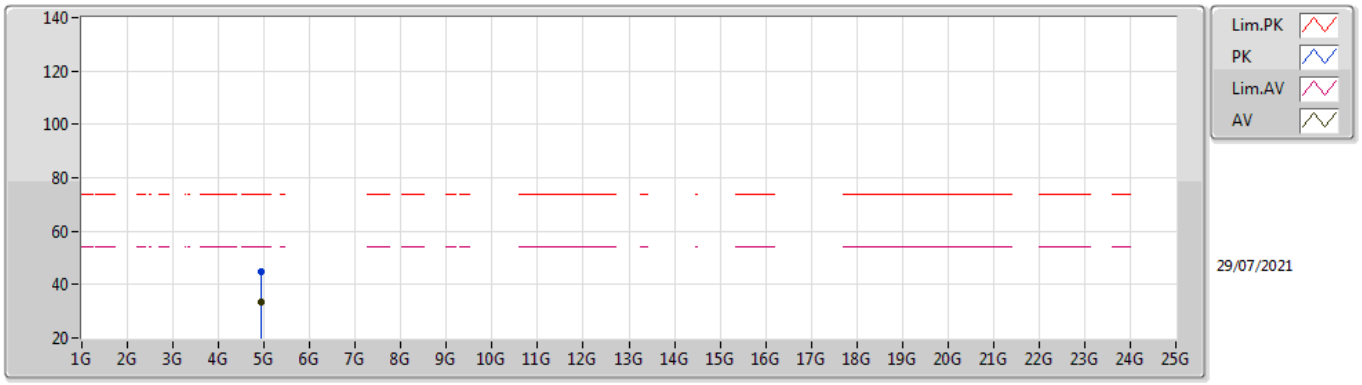


EUT Z_4TX
Setting 27
02-B-N-2

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	4.92397G	46.14	74.00	-27.86	40.49	3	Vertical	106	1.80	-	33.14	4.70	32.19
AV	4.92395G	39.05	54.00	-14.95	33.40	3	Vertical	106	1.80	-	33.14	4.70	32.19

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

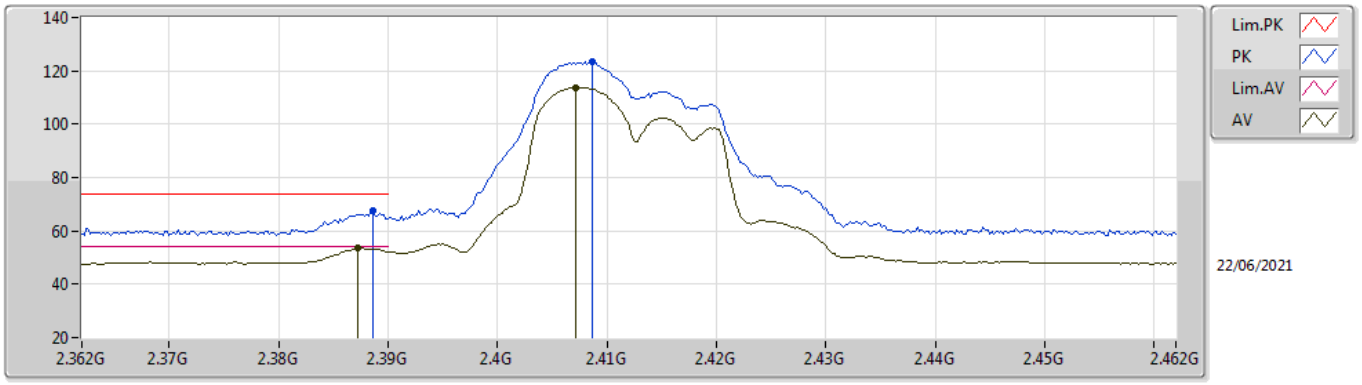


EUT Z_4TX
Setting 27
02-B-N-2

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	4.9239G	44.79	74.00	-29.21	39.14	3	Horizontal	152	1.83	-	33.14	4.70	32.19
AV	4.9239G	33.37	54.00	-20.63	27.72	3	Horizontal	152	1.83	-	33.14	4.70	32.19

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

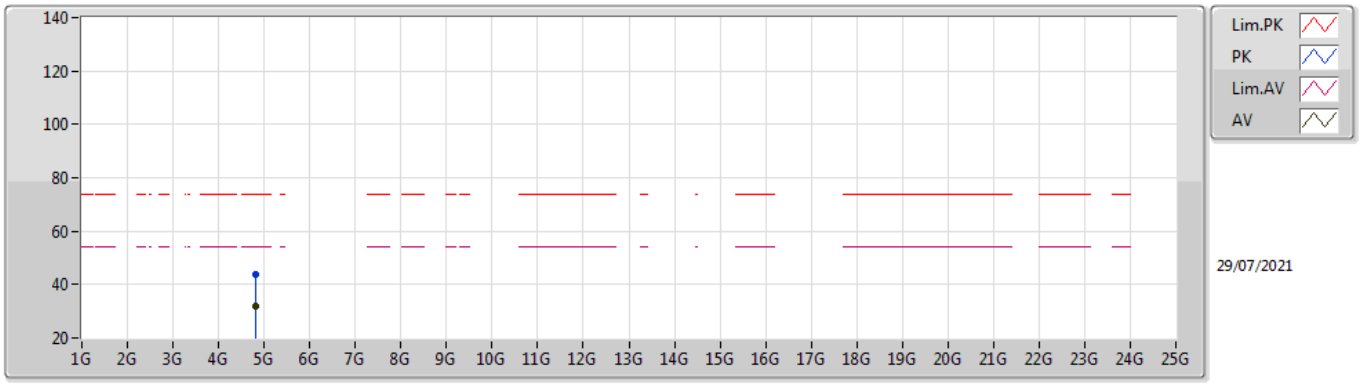


EUT Z_4TX
Setting 20.5
02-B-N-2

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	67.56	74.00	-6.44	36.77	3	Vertical	265	1.71	-	28.38	2.41	-
AV	2.3872G	53.56	54.00	-0.44	22.78	3	Vertical	265	1.71	-	28.37	2.41	-
PK	2.4086G	123.59	Inf	-Inf	92.79	3	Vertical	265	1.71	-	28.40	2.40	-
AV	2.4072G	113.69	Inf	-Inf	82.89	3	Vertical	265	1.71	-	28.40	2.40	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

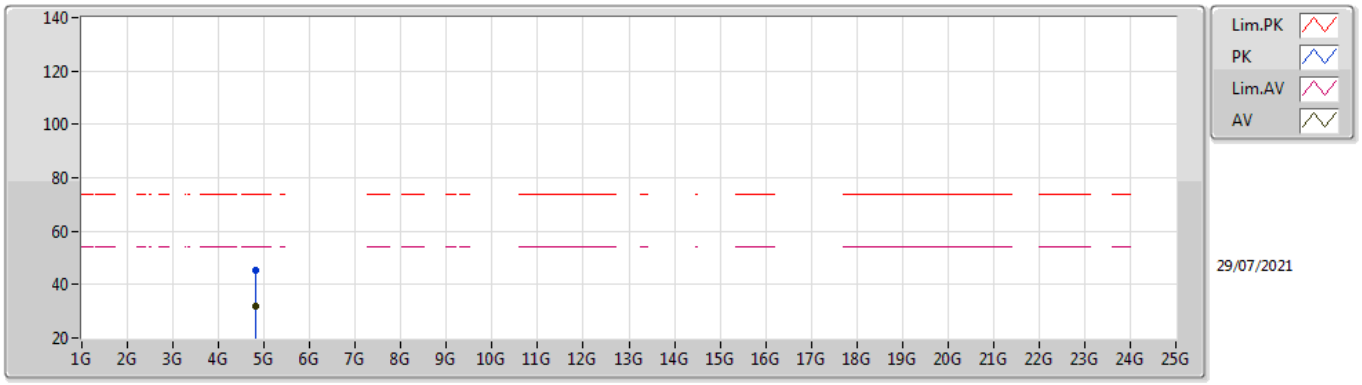


EUT Z_4TX
Setting 20.5
02-B-N-2

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	4.8251G	43.92	74.00	-30.08	38.64	3	Vertical	188	1.00	-	32.80	4.70	32.22
AV	4.8239G	32.04	54.00	-21.96	26.76	3	Vertical	188	1.00	-	32.80	4.70	32.22

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

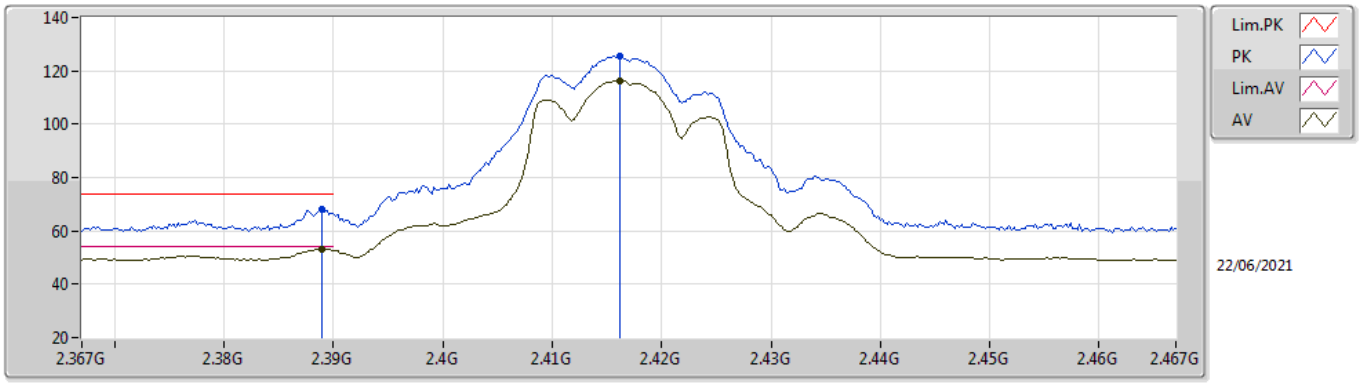


EUT Z_4TX
Setting 20.5
02-B-N-2

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	4.824G	45.43	74.00	-28.57	40.15	3	Horizontal	106	1.00	-	32.80	4.70	32.22
AV	4.8241G	31.73	54.00	-22.27	26.45	3	Horizontal	106	1.00	-	32.80	4.70	32.22

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

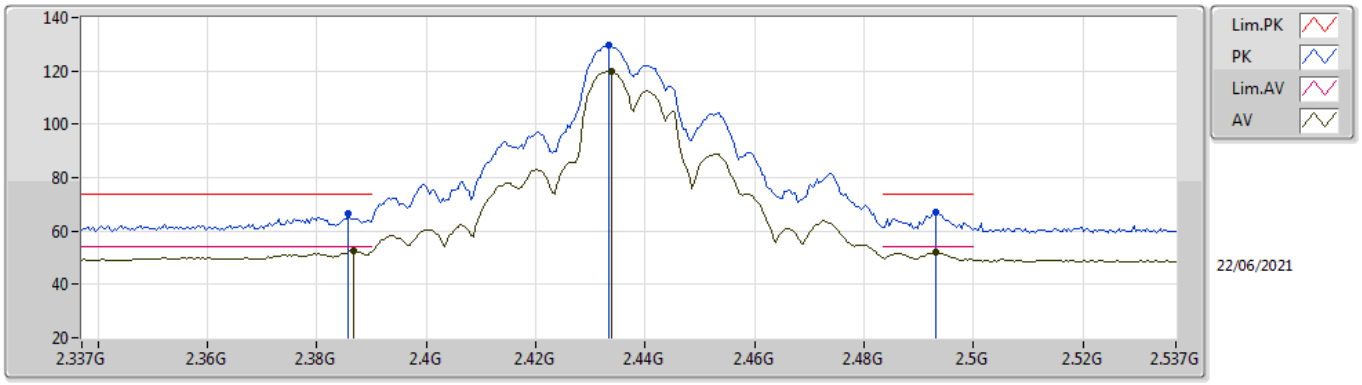


EUT Z_4TX
Setting 23.5
02-B-N-2

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	2.389G	68.09	74.00	-5.91	37.30	3	Vertical	242	1.96	-	28.38	2.41	-
AV	2.389G	53.20	54.00	-0.80	22.41	3	Vertical	242	1.96	-	28.38	2.41	-
PK	2.4162G	125.76	Inf	-Inf	94.95	3	Vertical	242	1.96	-	28.40	2.41	-
AV	2.4162G	116.39	Inf	-Inf	85.58	3	Vertical	242	1.96	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

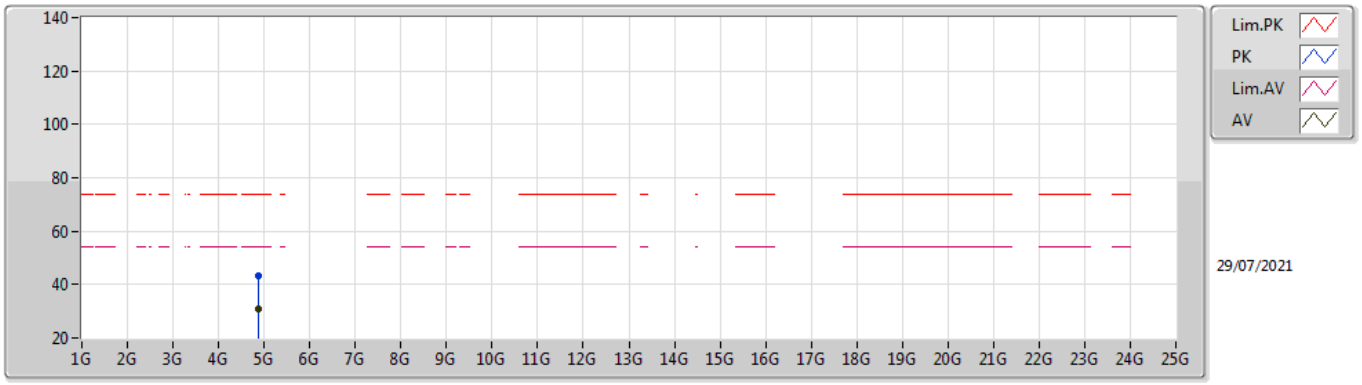


EUT Z_4TX
Setting 28
02-B-N-2

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	2.3858G	66.47	74.00	-7.53	35.69	3	Vertical	164	1.90	-	28.37	2.41	-
AV	2.3866G	52.42	54.00	-1.58	21.64	3	Vertical	164	1.90	-	28.37	2.41	-
PK	2.4334G	129.89	Inf	-Inf	99.07	3	Vertical	164	1.90	-	28.40	2.42	-
AV	2.4338G	120.01	Inf	-Inf	89.19	3	Vertical	164	1.90	-	28.40	2.42	-
PK	2.493G	66.96	74.00	-7.04	35.94	3	Vertical	164	1.90	-	28.57	2.45	-
AV	2.493G	51.85	54.00	-2.15	20.83	3	Vertical	164	1.90	-	28.57	2.45	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

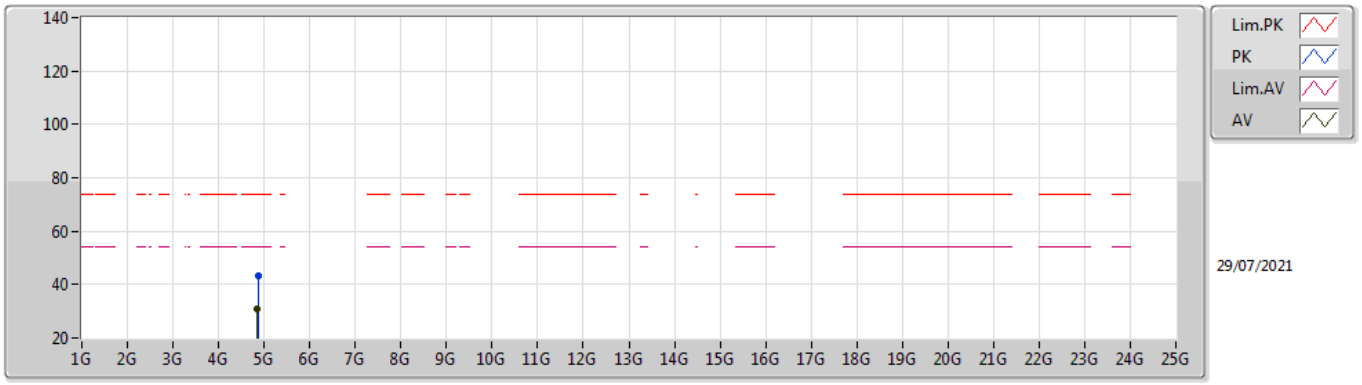


EUT Z_4TX
Setting 28
02-B-N-2

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	4.8788G	43.34	74.00	-30.66	37.88	3	Vertical	192	1.80	-	32.96	4.70	32.20
AV	4.874G	30.92	54.00	-23.08	25.48	3	Vertical	192	1.80	-	32.95	4.70	32.21

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

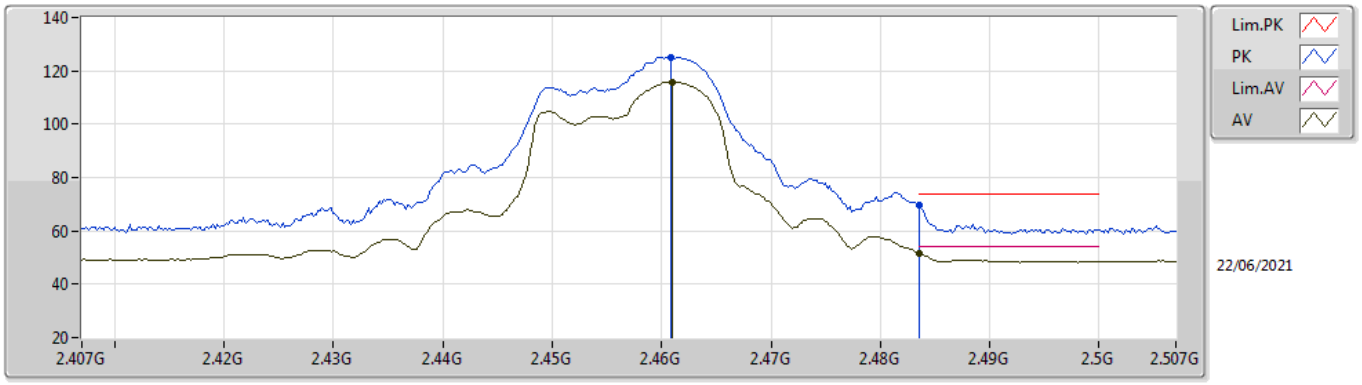


EUT Z_4TX
Setting 28
02-B-N-2

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	4.8725G	43.48	74.00	-30.52	38.04	3	Horizontal	40	2.89	-	32.95	4.70	32.21
AV	4.8522G	30.80	54.00	-23.20	25.41	3	Horizontal	40	2.89	-	32.90	4.70	32.21

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

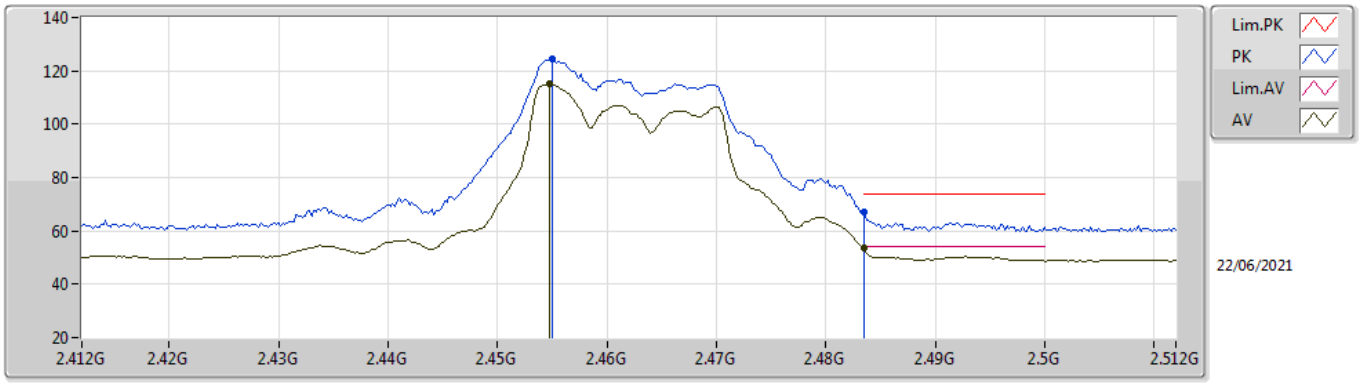


EUT Z_4TX
Setting 24
02-B-N-2

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	2.4608G	125.22	Inf	-Inf	94.35	3	Vertical	202	2.23	-	28.44	2.43	-
AV	2.461G	115.68	Inf	-Inf	84.81	3	Vertical	202	2.23	-	28.44	2.43	-
PK	2.4835G	69.60	74.00	-4.40	38.63	3	Vertical	202	2.23	-	28.53	2.44	-
AV	2.4835G	51.78	54.00	-2.22	20.81	3	Vertical	202	2.23	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

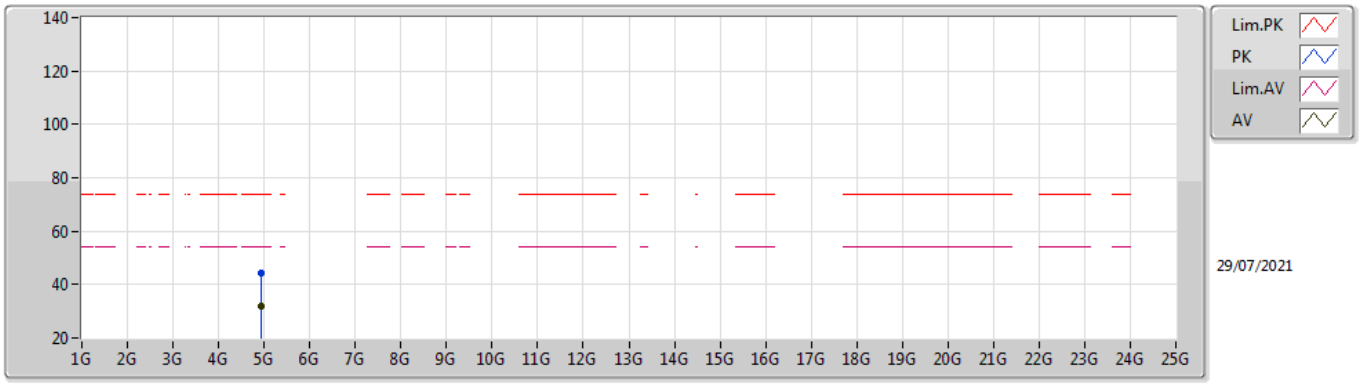


EUT Z_4TX
Setting 23
02-B-N-2

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	2.455G	124.35	Inf	-Inf	93.50	3	Vertical	235	1.80	-	28.42	2.43	-
AV	2.4548G	114.97	Inf	-Inf	84.12	3	Vertical	235	1.80	-	28.42	2.43	-
PK	2.4835G	67.18	74.00	-6.82	36.21	3	Vertical	235	1.80	-	28.53	2.44	-
AV	2.4835G	53.44	54.00	-0.56	22.47	3	Vertical	235	1.80	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

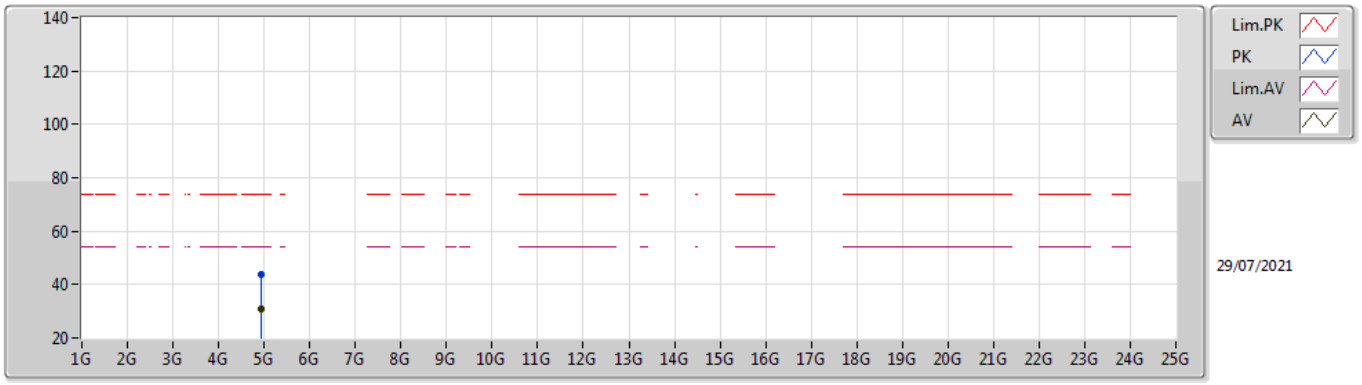


EUT Z_4TX
Setting 23
02-B-N-2

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	4.9241G	44.32	74.00	-29.68	38.67	3	Vertical	110	1.00	-	33.14	4.70	32.19
AV	4.9238G	31.95	54.00	-22.05	26.30	3	Vertical	110	1.00	-	33.14	4.70	32.19

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

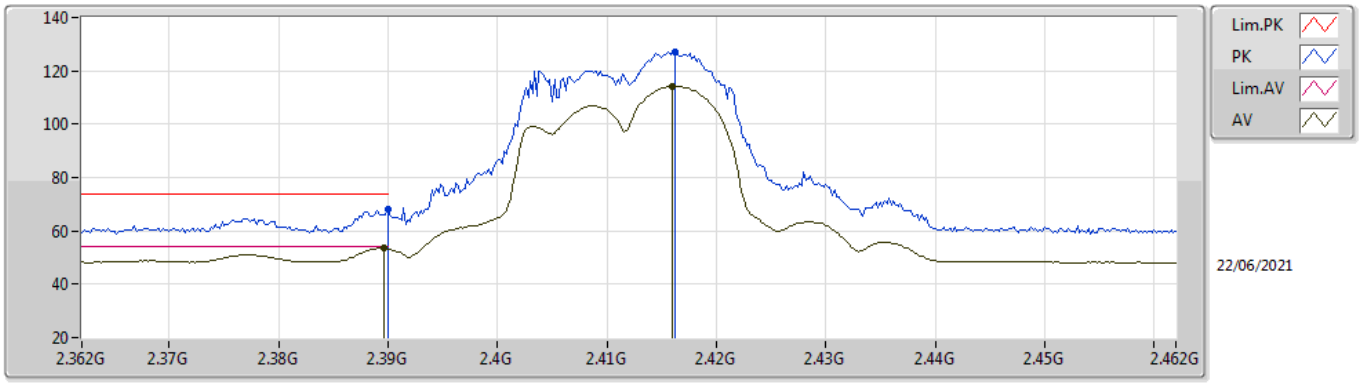


EUT Z_4TX
Setting 23
02-B-N-2

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	4.9383G	43.71	74.00	-30.29	37.96	3	Horizontal	360	2.77	-	33.23	4.70	32.18
AV	4.9354G	30.82	54.00	-23.18	25.09	3	Horizontal	360	2.77	-	33.21	4.70	32.18

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

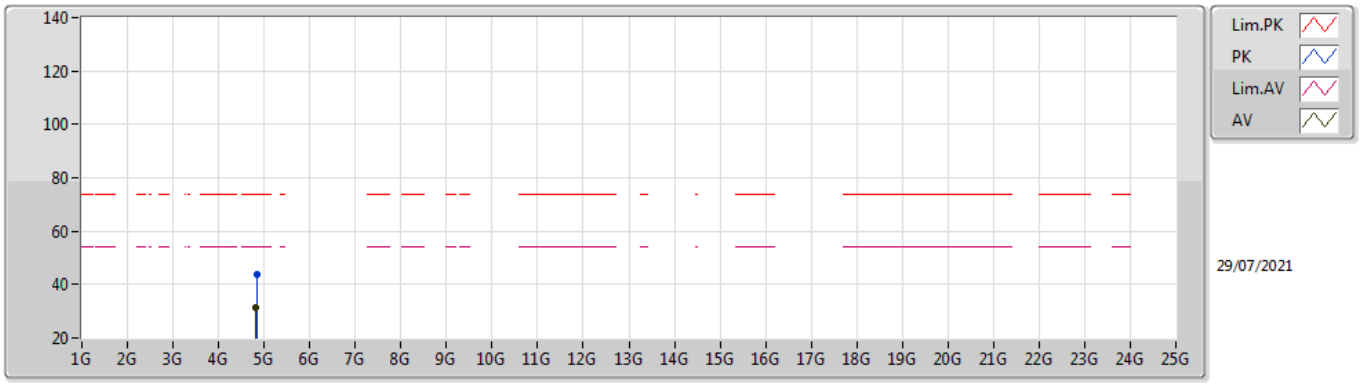


EUT Z_4TX
Setting 21.5
02-B-N-2

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	67.85	74.00	-6.15	37.06	3	Vertical	233	1.87	-	28.38	2.41	-
AV	2.3896G	53.62	54.00	-0.38	22.83	3	Vertical	233	1.87	-	28.38	2.41	-
PK	2.4162G	127.20	Inf	-Inf	96.39	3	Vertical	233	1.87	-	28.40	2.41	-
AV	2.416G	114.15	Inf	-Inf	83.34	3	Vertical	233	1.87	-	28.40	2.41	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

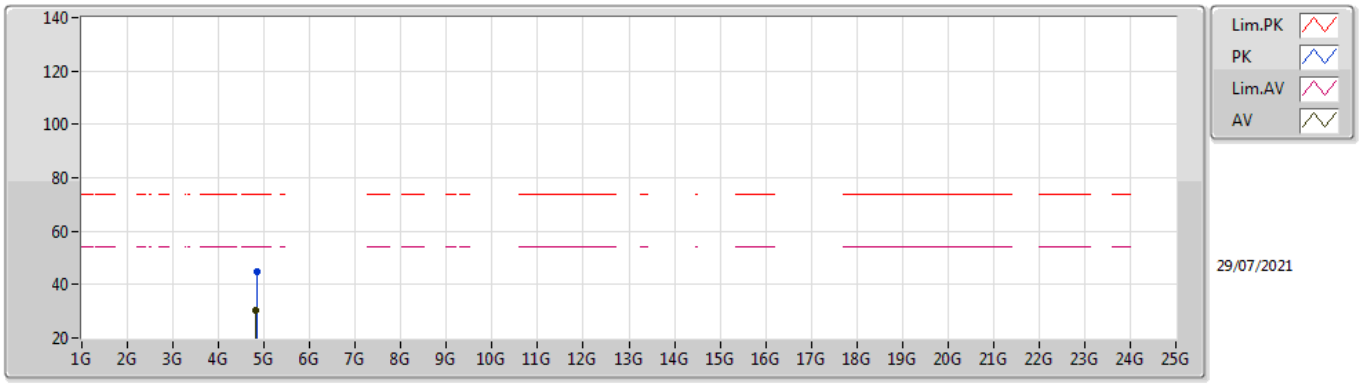


EUT Z_4TX
Setting 21.5
02-B-N-2

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	4.8388G	43.73	74.00	-30.27	38.39	3	Vertical	189	1.07	-	32.86	4.70	32.22
AV	4.8239G	31.33	54.00	-22.67	26.05	3	Vertical	189	1.07	-	32.80	4.70	32.22

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

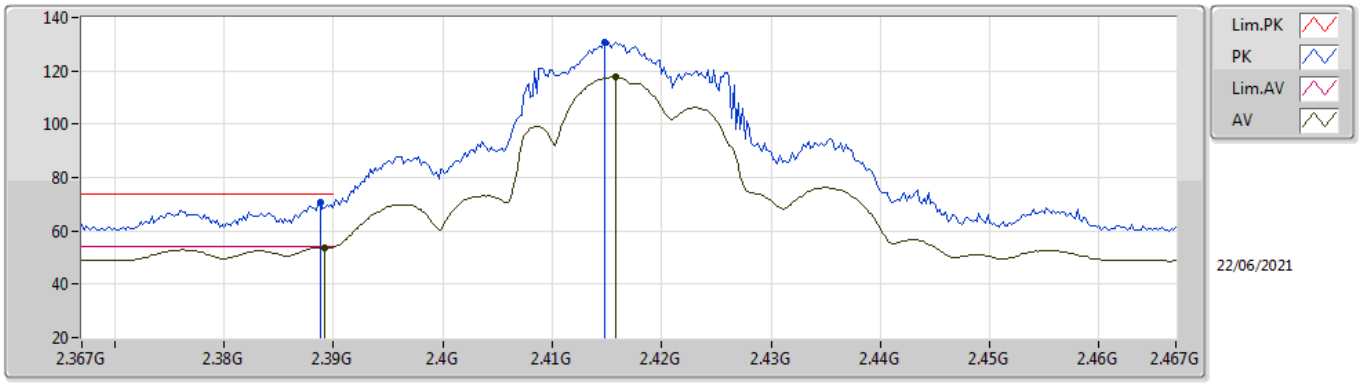


EUT Z_4TX
Setting 21.5
02-B-N-2

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	4.8348G	44.68	74.00	-29.32	39.36	3	Horizontal	81	1.80	-	32.84	4.70	32.22
AV	4.8241G	30.40	54.00	-23.60	25.12	3	Horizontal	81	1.80	-	32.80	4.70	32.22

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

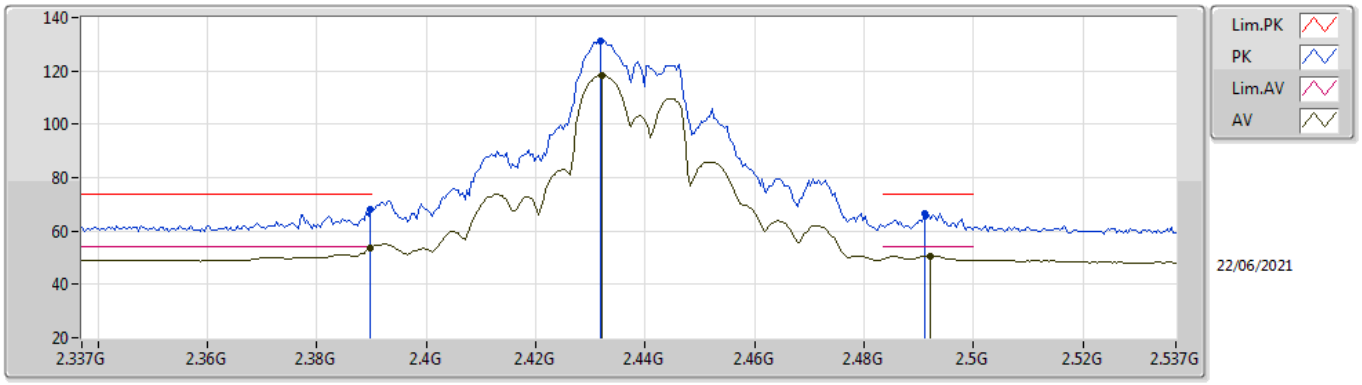


EUT Z_4TX
Setting 25
02-B-N-2

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	2.3888G	70.46	74.00	-3.54	39.67	3	Vertical	240	1.95	-	28.38	2.41	-
AV	2.3892G	53.86	54.00	-0.14	23.07	3	Vertical	240	1.95	-	28.38	2.41	-
PK	2.4148G	130.70	Inf	-Inf	99.89	3	Vertical	240	1.95	-	28.40	2.41	-
AV	2.4158G	117.67	Inf	-Inf	86.86	3	Vertical	240	1.95	-	28.40	2.41	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

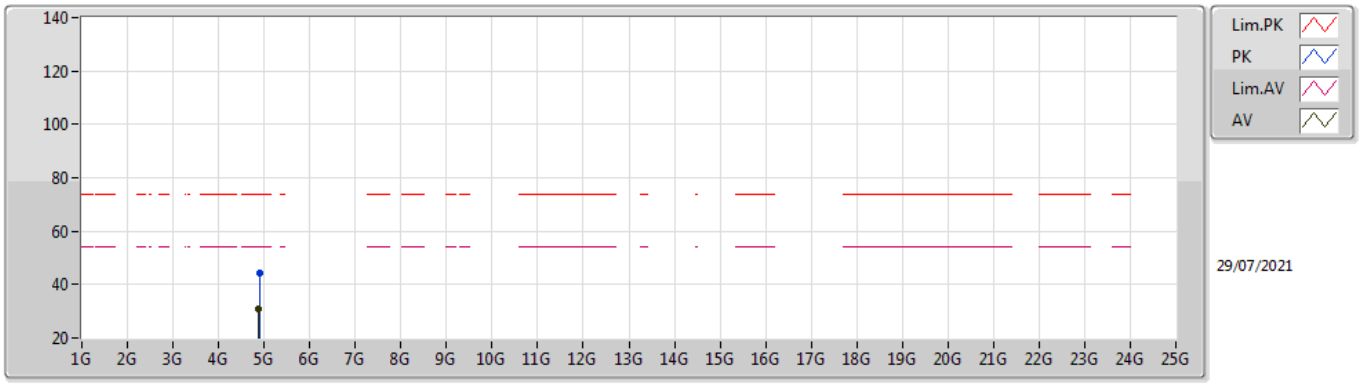


EUT Z_4TX
Setting 27
02-B-N-2

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	2.3898G	67.93	74.00	-6.07	37.14	3	Vertical	256	1.74	-	28.38	2.41	-
AV	2.3898G	53.70	54.00	-0.30	22.91	3	Vertical	256	1.74	-	28.38	2.41	-
PK	2.4318G	131.12	Inf	-Inf	100.30	3	Vertical	256	1.74	-	28.40	2.42	-
AV	2.4322G	118.20	Inf	-Inf	87.38	3	Vertical	256	1.74	-	28.40	2.42	-
PK	2.491G	66.48	74.00	-7.52	35.47	3	Vertical	256	1.74	-	28.56	2.45	-
AV	2.4922G	50.77	54.00	-3.23	19.75	3	Vertical	256	1.74	-	28.57	2.45	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

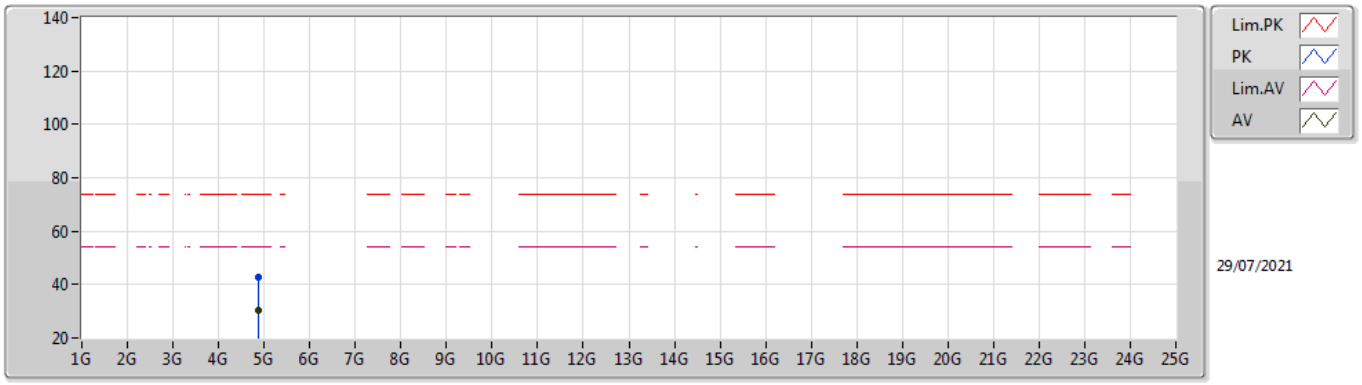


EUT Z_4TX
Setting 27
02-B-N-2

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	4.8922G	44.43	74.00	-29.57	38.95	3	Vertical	187	1.00	-	32.98	4.70	32.20
AV	4.8739G	30.73	54.00	-23.27	25.29	3	Vertical	187	1.00	-	32.95	4.70	32.21

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

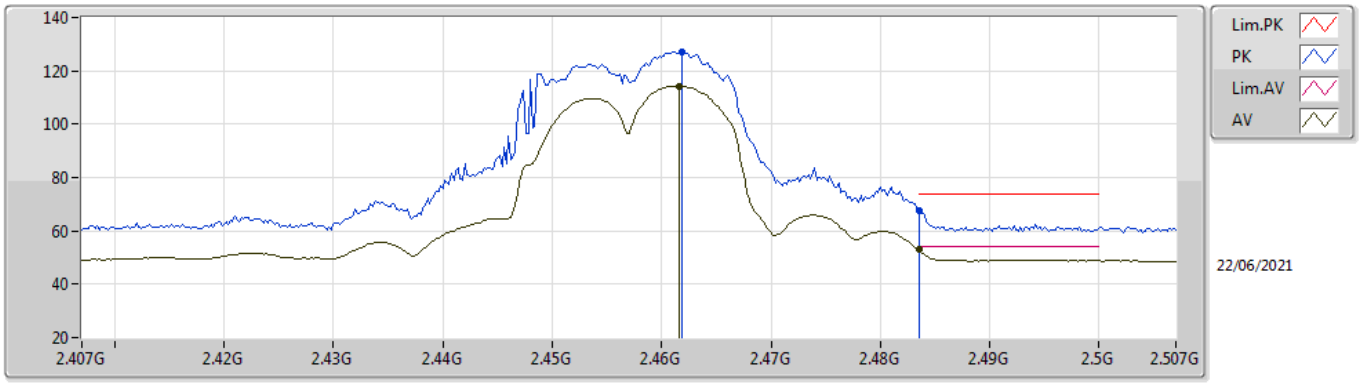


EUT Z_4TX
Setting 27
02-B-N-2

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	4.8651G	42.93	74.00	-31.07	37.51	3	Horizontal	54	1.15	-	32.93	4.70	32.21
AV	4.8742G	30.19	54.00	-23.81	24.75	3	Horizontal	54	1.15	-	32.95	4.70	32.21

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

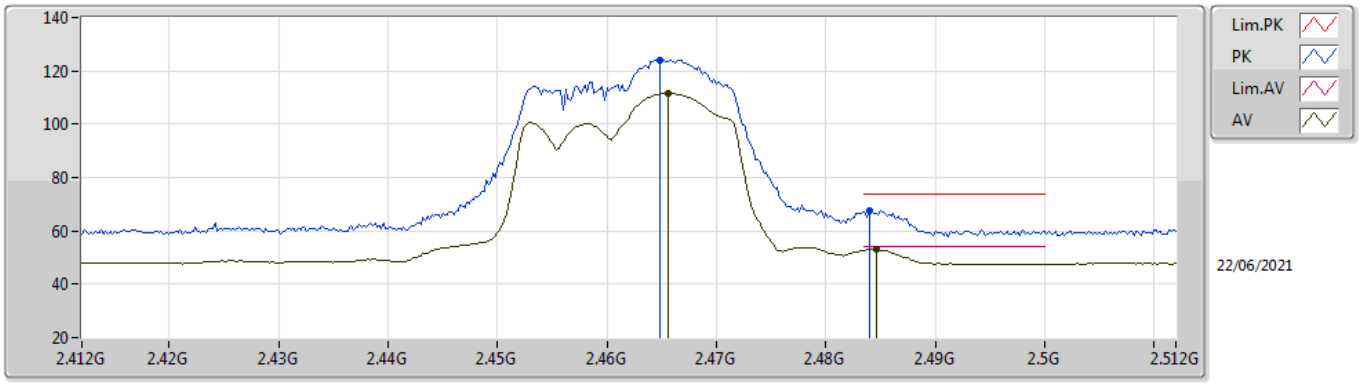


EUT Z_4TX
Setting 23
02-B-N-2

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	2.4618G	126.87	Inf	-Inf	95.99	3	Vertical	231	1.79	-	28.45	2.43	-
AV	2.4616G	114.38	Inf	-Inf	83.50	3	Vertical	231	1.79	-	28.45	2.43	-
PK	2.4835G	67.80	74.00	-6.20	36.83	3	Vertical	231	1.79	-	28.53	2.44	-
AV	2.4835G	52.93	54.00	-1.07	21.96	3	Vertical	231	1.79	-	28.53	2.44	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

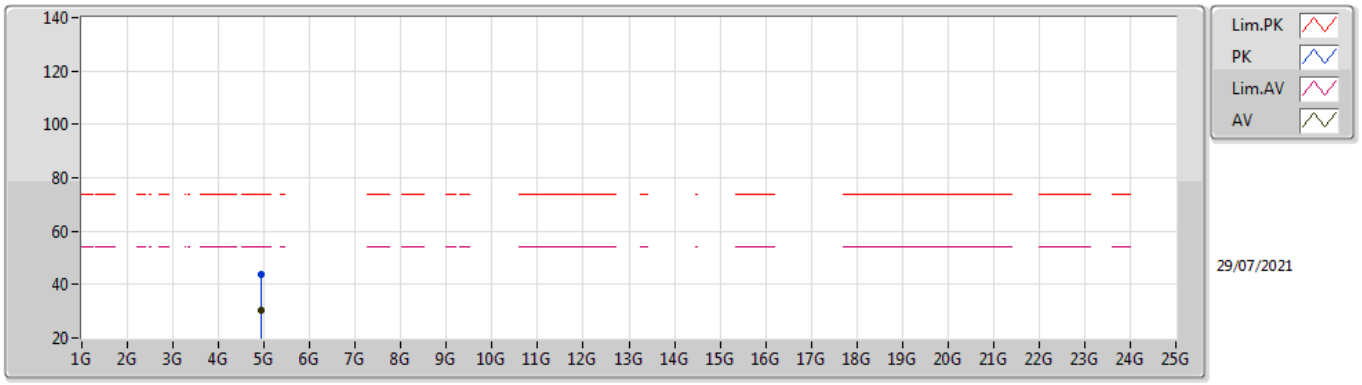


EUT Z_4TX
Setting 19.5
02-B-N-2

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	2.4648G	124.17	Inf	-Inf	93.28	3	Vertical	279	1.78	-	28.46	2.43	-
AV	2.4656G	111.63	Inf	-Inf	80.74	3	Vertical	279	1.78	-	28.46	2.43	-
PK	2.484G	67.72	74.00	-6.28	36.74	3	Vertical	279	1.78	-	28.54	2.44	-
AV	2.4846G	53.09	54.00	-0.91	22.11	3	Vertical	279	1.78	-	28.54	2.44	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

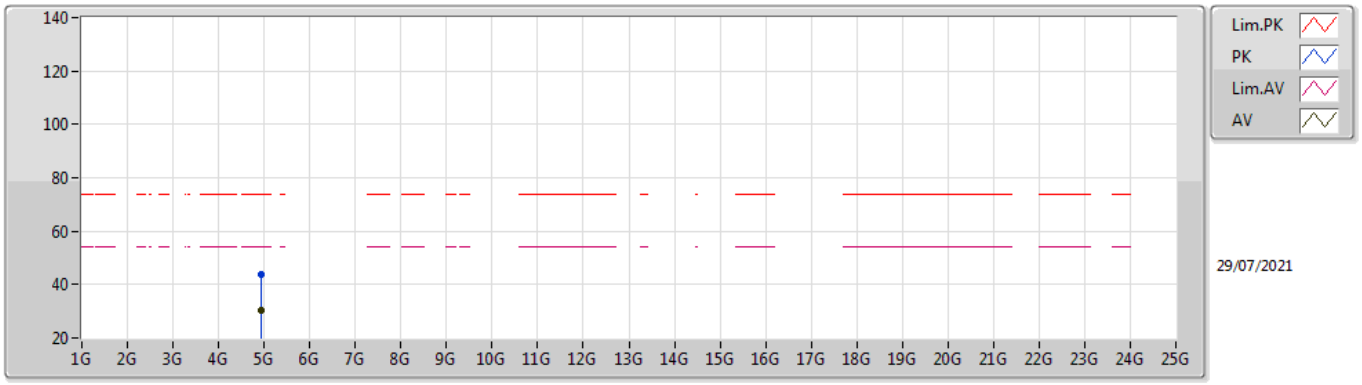


EUT Z_4TX
Setting 19.5
02-B-N-2

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	4.9202G	43.88	74.00	-30.12	38.25	3	Vertical	57	2.73	-	33.12	4.70	32.19
AV	4.9239G	30.55	54.00	-23.45	24.90	3	Vertical	57	2.73	-	33.14	4.70	32.19

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

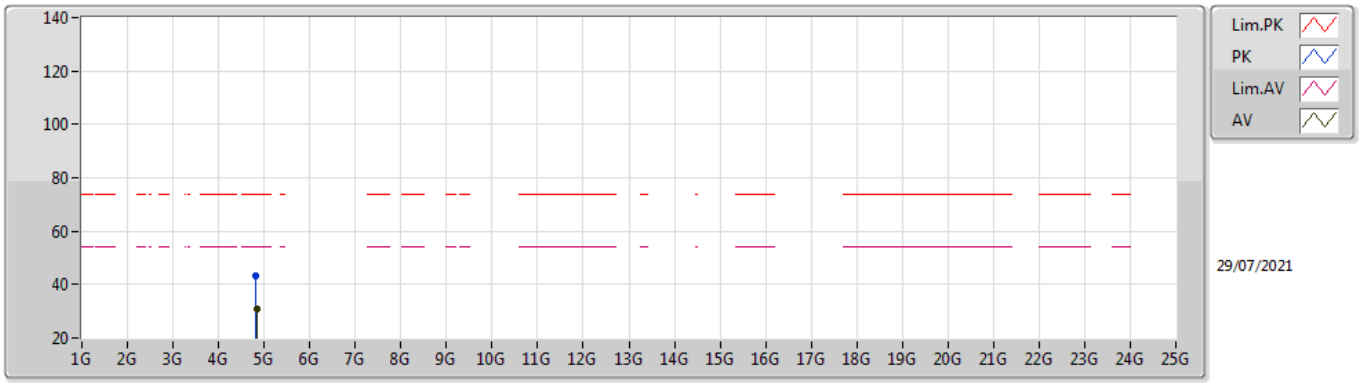


EUT Z_4TX
Setting 19.5
02-B-N-2

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	4.9468G	43.67	74.00	-30.33	37.87	3	Horizontal	264	2.87	-	33.28	4.70	32.18
AV	4.9243G	30.52	54.00	-23.48	24.86	3	Horizontal	264	2.87	-	33.15	4.70	32.19

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

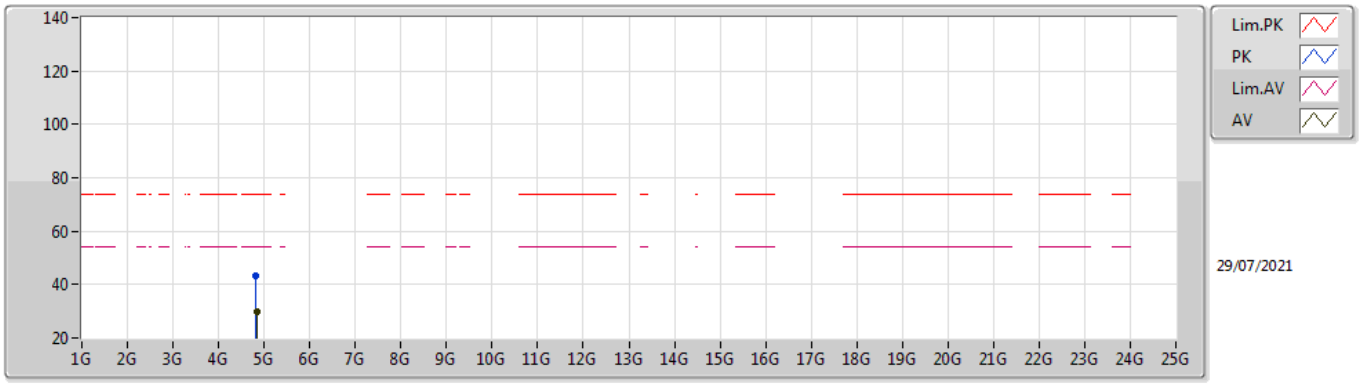


EUT Z_4TX
Setting 20
02-B-N-2

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	4.8215G	43.19	74.00	-30.81	37.92	3	Vertical	190	1.16	-	32.79	4.70	32.22
AV	4.8441G	31.02	54.00	-22.98	25.66	3	Vertical	190	1.16	-	32.88	4.70	32.22

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

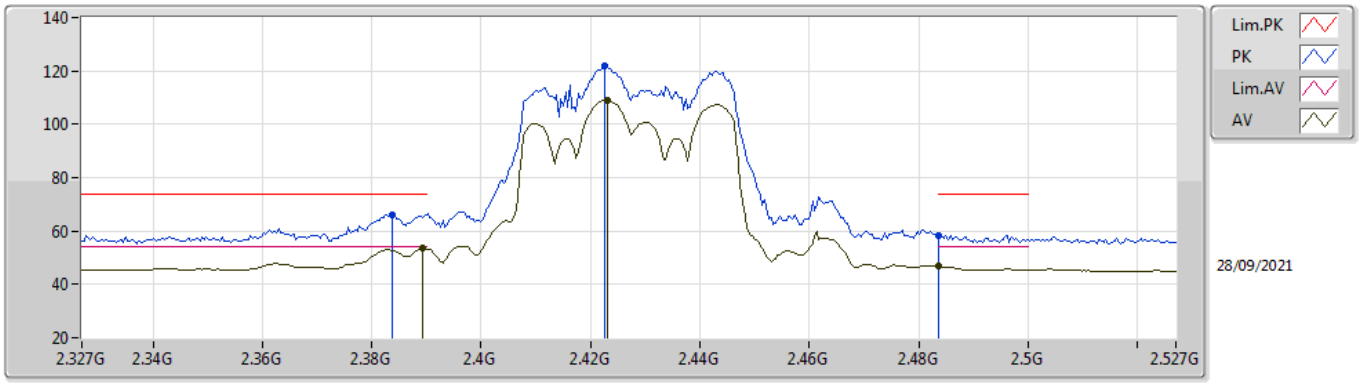


EUT Z_4TX
Setting 20
02-B-N-2

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	4.8199G	43.36	74.00	-30.64	38.10	3	Horizontal	220	1.23	-	32.78	4.70	32.22
AV	4.8329G	30.03	54.00	-23.97	24.72	3	Horizontal	220	1.23	-	32.83	4.70	32.22

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

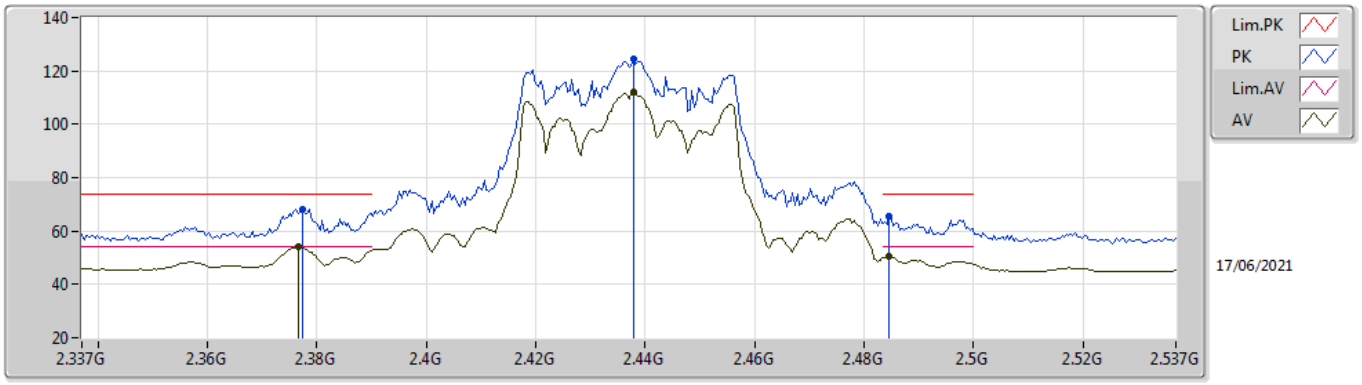


EUT Z_4TX
Setting 20
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3838G	66.05	74.00	-7.95	35.45	3	Vertical	357	2.09	-	27.53	3.07	-
AV	2.3894G	53.59	54.00	-0.41	23.03	3	Vertical	357	2.09	-	27.48	3.08	-
PK	2.4226G	122.12	Inf	-Inf	91.69	3	Vertical	357	2.09	-	27.31	3.12	-
AV	2.423G	108.87	Inf	-Inf	78.44	3	Vertical	357	2.09	-	27.31	3.12	-
PK	2.4835G	58.48	74.00	-15.52	28.03	3	Vertical	357	2.09	-	27.27	3.18	-
AV	2.4835G	46.72	54.00	-7.28	16.27	3	Vertical	357	2.09	-	27.27	3.18	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

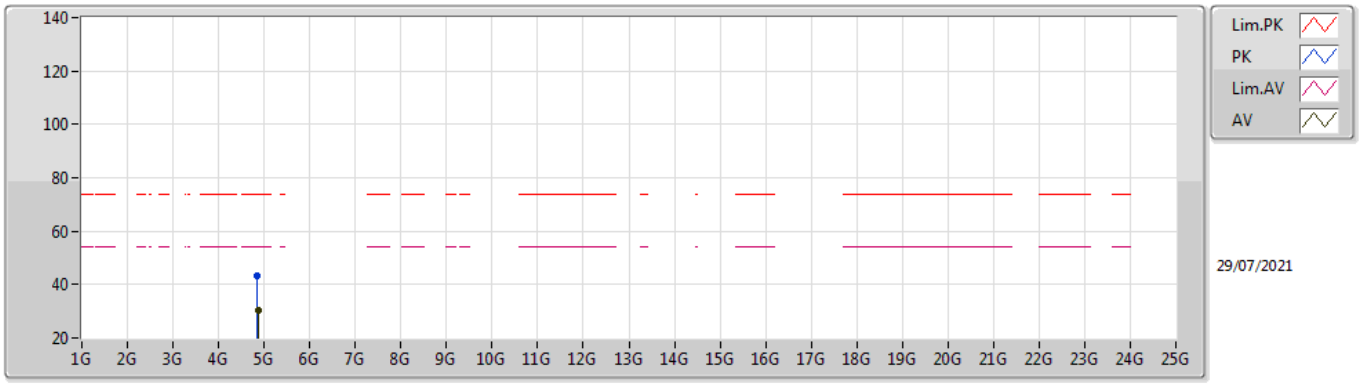


EUT Z_4TX
Setting 23.5
01-A-K-3

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	2.3774G	68.16	74.00	-5.84	38.63	3	Vertical	246	1.60	-	27.35	2.18	-
AV	2.3766G	53.98	54.00	-0.02	24.45	3	Vertical	246	1.60	-	27.35	2.18	-
PK	2.4378G	124.25	Inf	-Inf	94.53	3	Vertical	246	1.60	-	27.48	2.24	-
AV	2.4378G	111.96	Inf	-Inf	82.24	3	Vertical	246	1.60	-	27.48	2.24	-
PK	2.4846G	65.43	74.00	-8.57	35.44	3	Vertical	246	1.60	-	27.71	2.28	-
AV	2.4846G	50.45	54.00	-3.55	20.46	3	Vertical	246	1.60	-	27.71	2.28	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

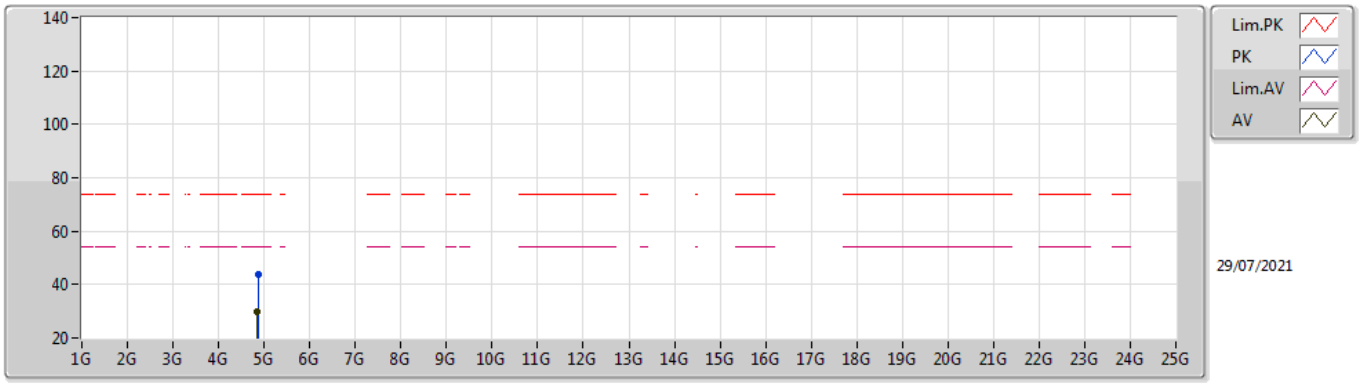


EUT Z_4TX
Setting 23.5
01-A-K-3

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	4.8531G	43.28	74.00	-30.72	37.88	3	Vertical	192	1.22	-	32.91	4.70	32.21
AV	4.8739G	30.34	54.00	-23.66	24.90	3	Vertical	192	1.22	-	32.95	4.70	32.21

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

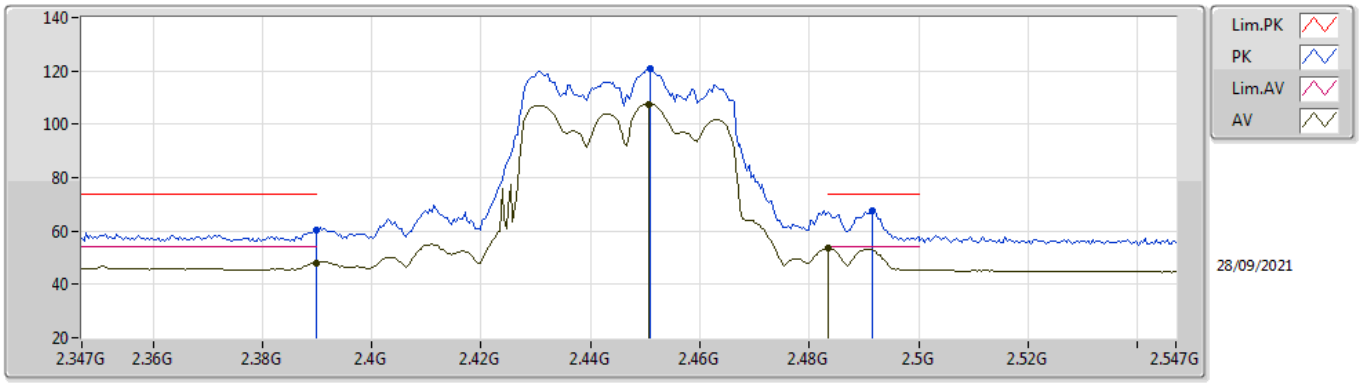


EUT Z_4TX
Setting 23.5
01-A-K-3

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	4.8722G	43.54	74.00	-30.46	38.11	3	Horizontal	341	2.54	-	32.94	4.70	32.21
AV	4.8559G	29.95	54.00	-24.05	24.55	3	Horizontal	341	2.54	-	32.91	4.70	32.21

802.11ax HEW40_Nss1,(MCS0)_4TX

2447MHz_TX

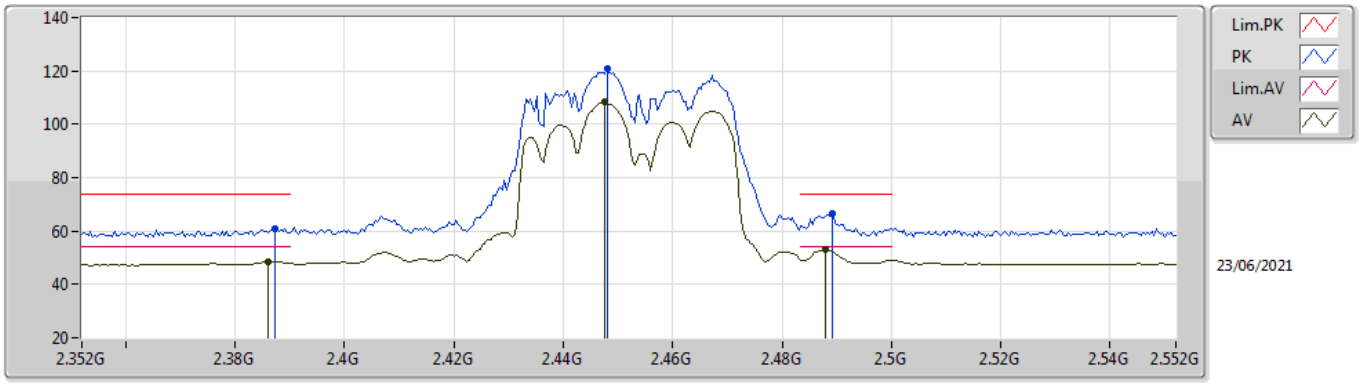


EUT Z_4TX
Setting 19.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	60.46	74.00	-13.54	29.90	3	Vertical	279	2.27	-	27.48	3.08	-
AV	2.3898G	48.15	54.00	-5.85	17.59	3	Vertical	279	2.27	-	27.48	3.08	-
PK	2.451G	121.04	Inf	-Inf	90.69	3	Vertical	279	2.27	-	27.20	3.15	-
AV	2.4506G	107.67	Inf	-Inf	77.32	3	Vertical	279	2.27	-	27.20	3.15	-
PK	2.4914G	67.76	74.00	-6.24	37.29	3	Vertical	279	2.27	-	27.28	3.19	-
AV	2.4835G	53.70	54.00	-0.30	23.25	3	Vertical	279	2.27	-	27.27	3.18	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

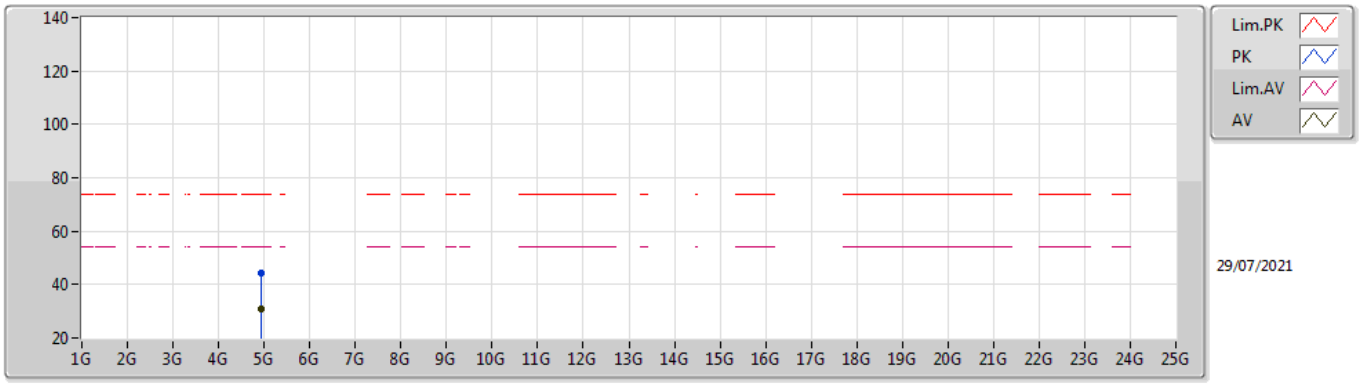


EUT Z_4TX
Setting 18.5
02-B-N-2

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	2.3872G	60.91	74.00	-13.09	30.13	3	Vertical	258	1.69	-	28.37	2.41	-
AV	2.386G	48.52	54.00	-5.48	17.74	3	Vertical	258	1.69	-	28.37	2.41	-
PK	2.448G	120.76	Inf	-Inf	89.94	3	Vertical	258	1.69	-	28.40	2.42	-
AV	2.4476G	108.19	Inf	-Inf	77.37	3	Vertical	258	1.69	-	28.40	2.42	-
PK	2.4892G	66.46	74.00	-7.54	35.46	3	Vertical	258	1.69	-	28.56	2.44	-
AV	2.488G	52.97	54.00	-1.03	21.98	3	Vertical	258	1.69	-	28.55	2.44	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

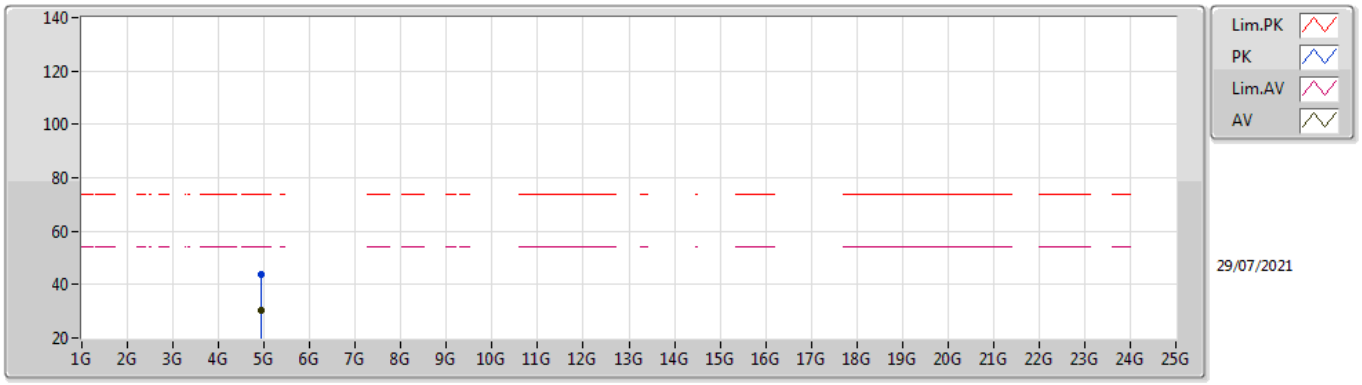


EUT Z_4TX
Setting 18.5
02-B-N-2

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	4.9289G	44.33	74.00	-29.67	38.65	3	Vertical	154	1.14	-	33.17	4.70	32.19
AV	4.9255G	30.74	54.00	-23.26	25.08	3	Vertical	154	1.14	-	33.15	4.70	32.19

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX



EUT Z_4TX
Setting 18.5
02-B-N-2

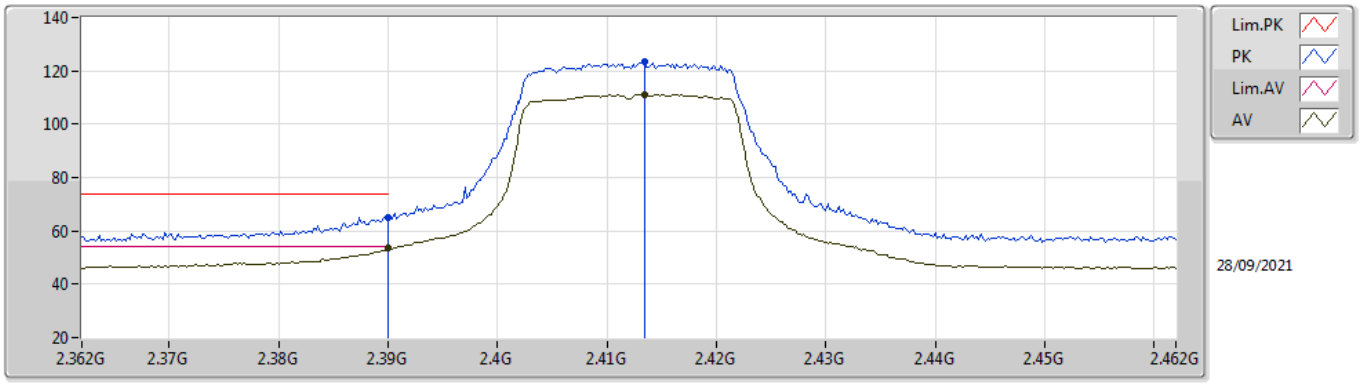
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9263G	43.88	74.00	-30.12	38.21	3	Horizontal	243	2.68	-	33.16	4.70	32.19
AV	4.9263G	30.53	54.00	-23.47	24.86	3	Horizontal	243	2.68	-	33.16	4.70	32.19

For 4T1S 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)_4TX	Pass	AV	2.3898G	53.97	54.00	-0.03	3	Vertical	20.3	2.10	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

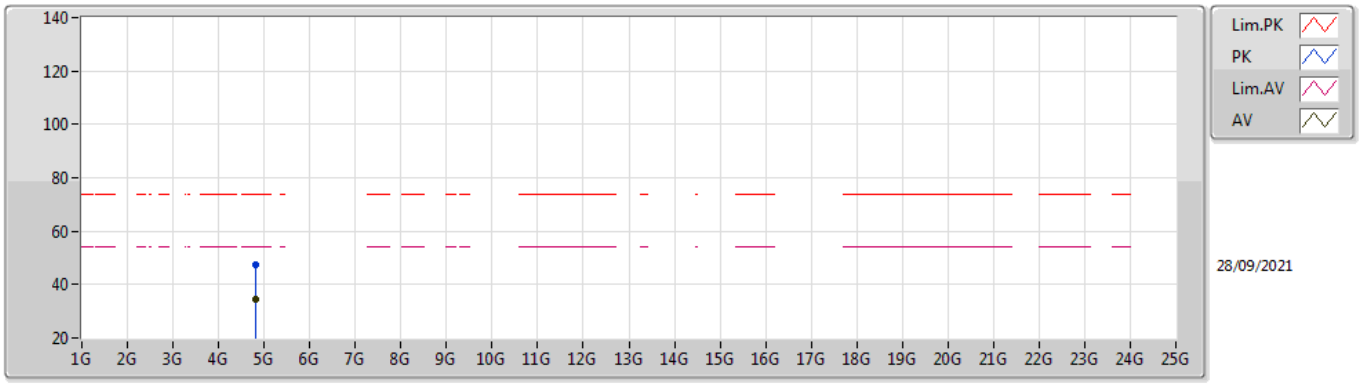


EUT Z_4TX
Setting 25
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	65.18	74.00	-8.82	34.62	3	Vertical	287.5	2.14	-	27.48	3.08	-
AV	2.39G	53.77	54.00	-0.23	23.21	3	Vertical	287.5	2.14	-	27.48	3.08	-
PK	2.4134G	123.40	Inf	-Inf	92.94	3	Vertical	287.5	2.14	-	27.35	3.11	-
AV	2.4134G	111.11	Inf	-Inf	80.65	3	Vertical	287.5	2.14	-	27.35	3.11	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

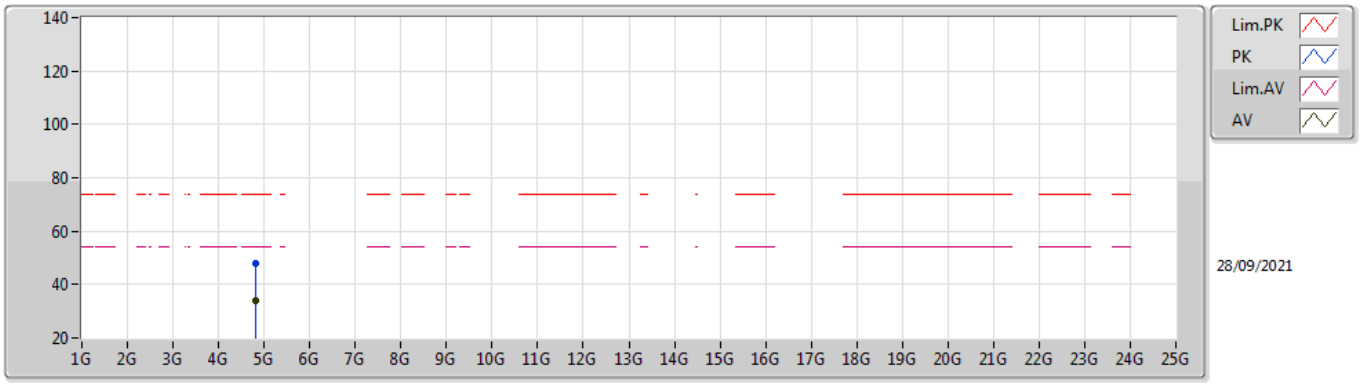


EUT Z_4TX
Setting 25
04-C-K-4

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	4.82418G	47.28	74.00	-26.72	42.20	3	Vertical	156	2.32	-	32.55	5.41	32.88
AV	4.82222G	34.24	54.00	-19.76	29.18	3	Vertical	156	2.32	-	32.53	5.41	32.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

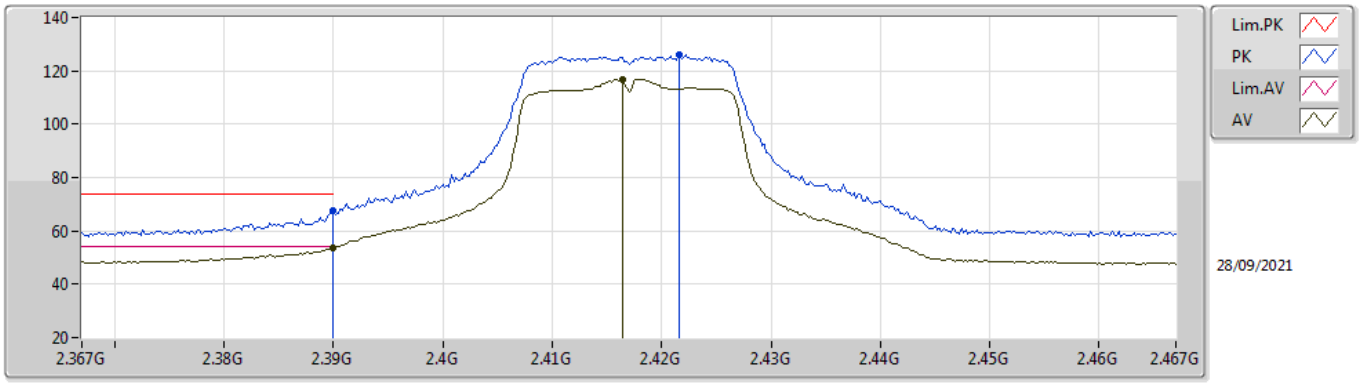


EUT Z_4TX
Setting 25
04-C-K-4

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	4.81958G	47.82	74.00	-26.18	42.77	3	Horizontal	166	1.78	-	32.52	5.41	32.88
AV	4.82772G	34.08	54.00	-19.92	28.98	3	Horizontal	166	1.78	-	32.57	5.41	32.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

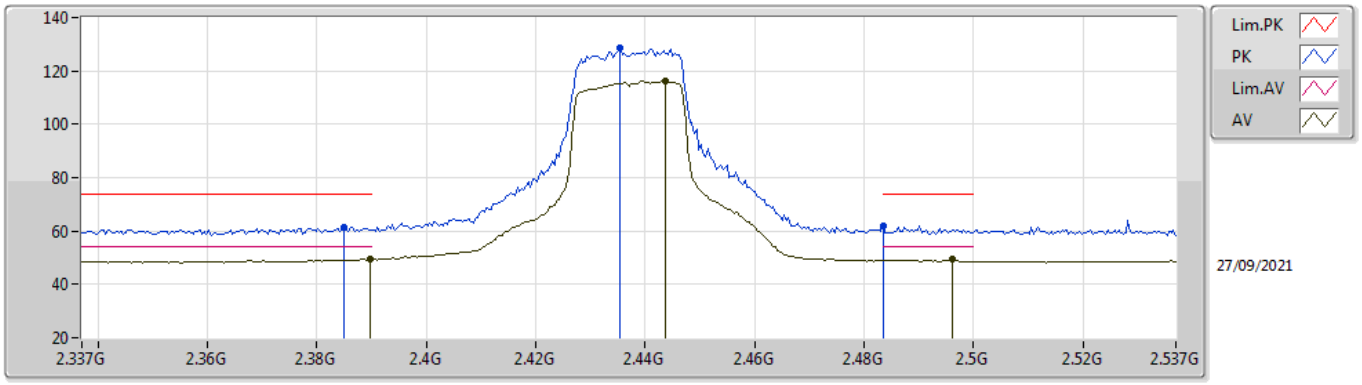


EUT Z_4TX
Setting 28
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	67.82	74.00	-6.18	37.26	3	Vertical	287.7	2.20	-	27.48	3.08	-
AV	2.39G	53.82	54.00	-0.18	23.26	3	Vertical	287.7	2.20	-	27.48	3.08	-
PK	2.4216G	125.86	Inf	-Inf	95.43	3	Vertical	287.7	2.20	-	27.31	3.12	-
AV	2.4164G	116.89	Inf	-Inf	86.44	3	Vertical	287.7	2.20	-	27.33	3.12	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

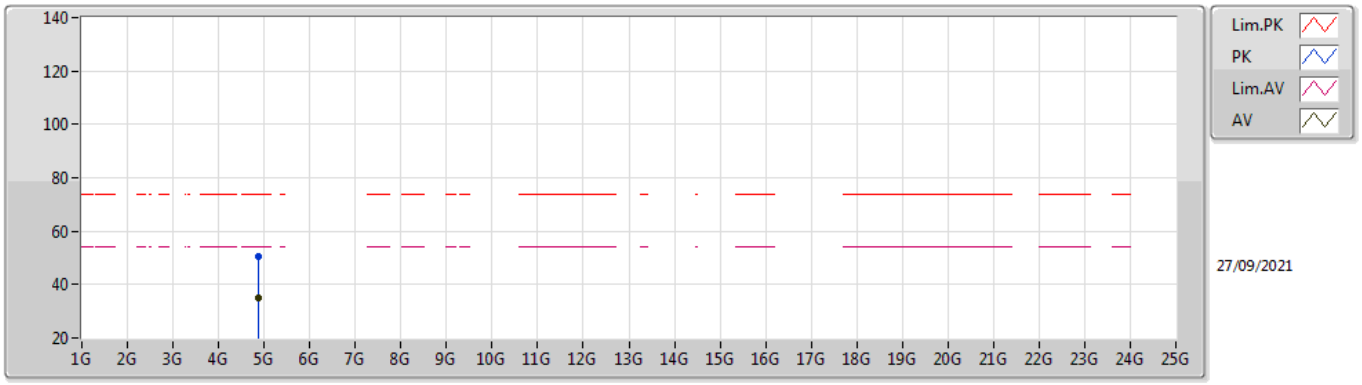


EUT Z_4TX
Setting 30
02-B-S-8

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	2.385G	61.34	74.00	-12.66	30.56	3	Vertical	321.6	2.16	-	28.37	2.41	-
AV	2.3898G	49.68	54.00	-4.32	18.89	3	Vertical	321.6	2.16	-	28.38	2.41	-
PK	2.4354G	128.57	Inf	-Inf	97.75	3	Vertical	321.6	2.16	-	28.40	2.42	-
AV	2.4438G	116.03	Inf	-Inf	85.21	3	Vertical	321.6	2.16	-	28.40	2.42	-
PK	2.4835G	61.99	74.00	-12.01	31.02	3	Vertical	321.6	2.16	-	28.53	2.44	-
AV	2.4962G	49.35	54.00	-4.65	18.32	3	Vertical	321.6	2.16	-	28.58	2.45	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

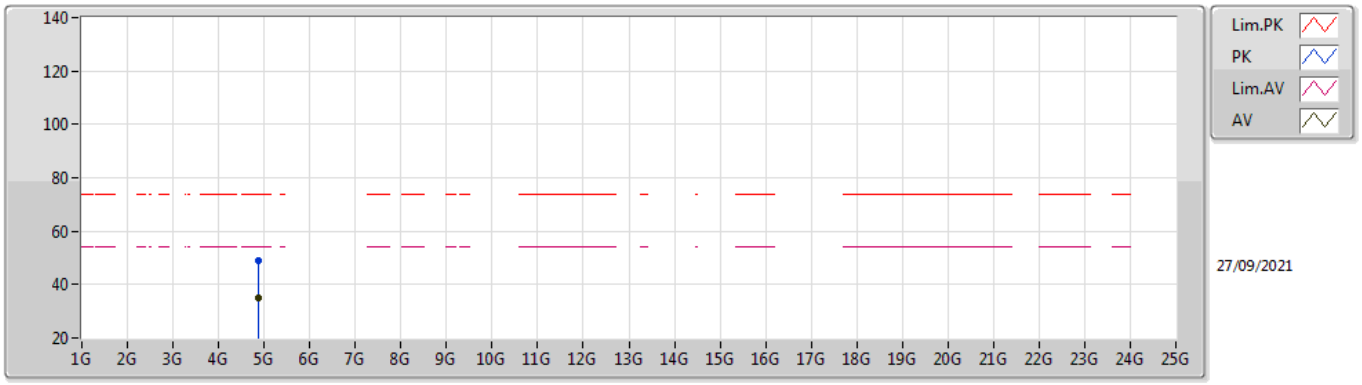


EUT Z_4TX
Setting 30
04-C-K-4

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	4.86948G	50.43	74.00	-23.57	45.00	3	Vertical	49	1.77	-	32.94	4.70	32.21
AV	4.87562G	35.09	54.00	-18.91	29.64	3	Vertical	49	1.77	-	32.95	4.70	32.20

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

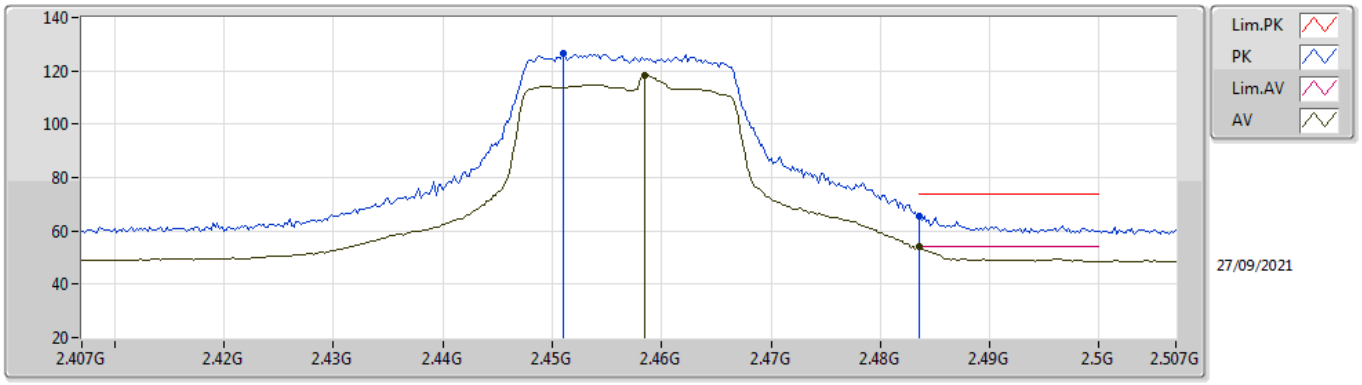


EUT Z_4TX
Setting 30
04-C-K-4

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	4.87516G	48.77	74.00	-25.23	41.71	3	Horizontal	193	2.43	-	32.95	6.31	32.20
AV	4.87308G	35.05	54.00	-18.95	28.00	3	Horizontal	193	2.43	-	32.95	6.31	32.21

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

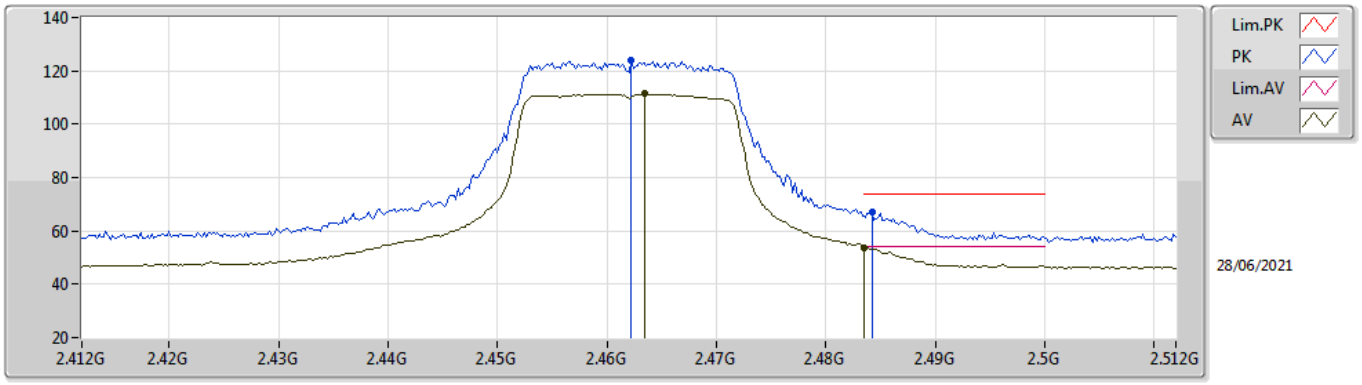


EUT Z_4TX
Setting 29
02-B-S-8

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)
AV	2.4584G	118.19	Inf	-Inf	87.33	3	Vertical	194	2.08	-	28.43	2.43	-
PK	2.451G	126.76	Inf	-Inf	95.93	3	Vertical	194	2.08	-	28.40	2.43	-
PK	2.4836G	65.75	74.00	-8.25	34.78	3	Vertical	194	2.08	-	28.53	2.44	-
AV	2.4835G	53.94	54.00	-0.06	22.97	3	Vertical	194	2.08	-	28.53	2.44	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

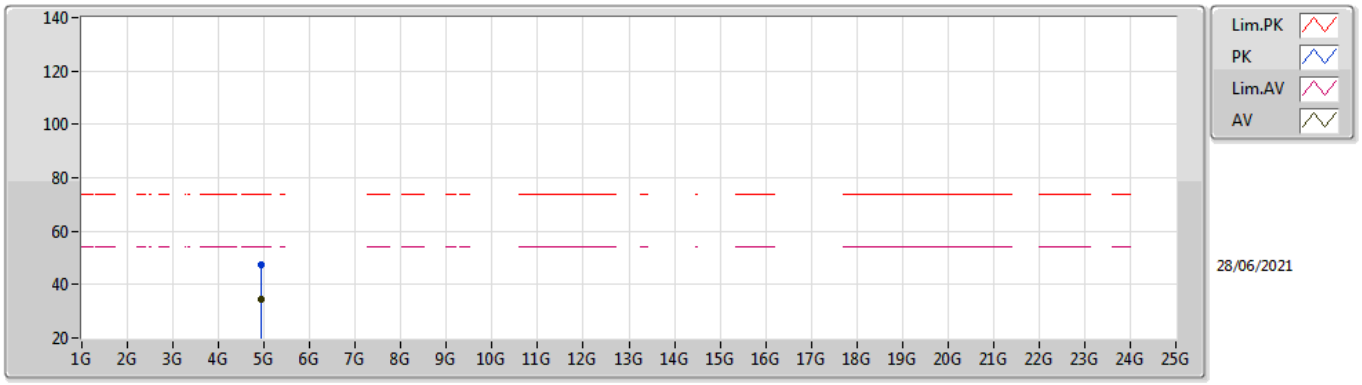


EUT Z_4TX
Setting 25
04-C-K-4

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	2.4622G	123.88	Inf	-Inf	92.97	3	Vertical	292.1	1.81	-	27.65	3.26	-
AV	2.4634G	111.30	Inf	-Inf	80.39	3	Vertical	292.1	1.81	-	27.65	3.26	-
PK	2.4842G	67.03	74.00	-6.97	36.01	3	Vertical	292.1	1.81	-	27.74	3.28	-
AV	2.4835G	53.87	54.00	-0.13	22.86	3	Vertical	292.1	1.81	-	27.73	3.28	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

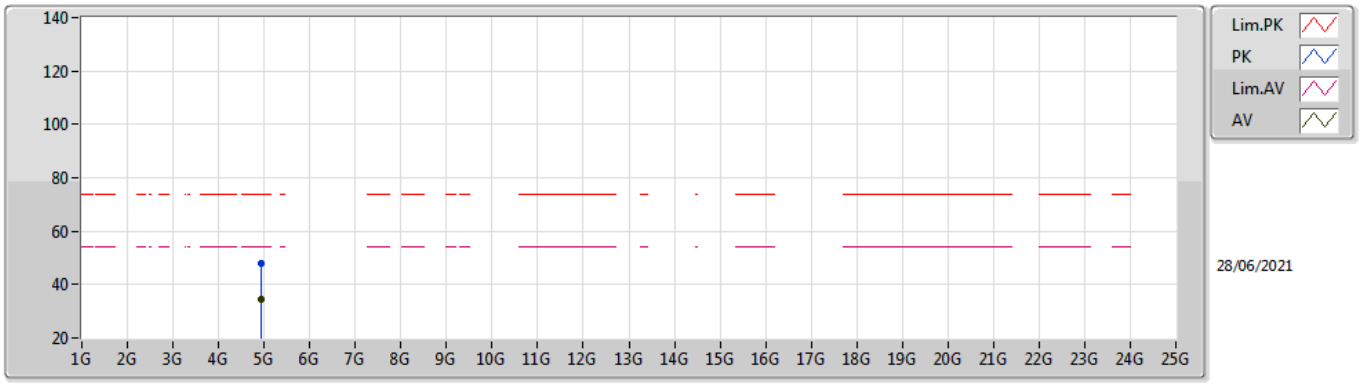


EUT Z_4TX
Setting 25
04-C-K-4

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	4.92676G	47.51	74.00	-26.49	42.00	3	Vertical	73	1.62	-	32.91	5.46	32.86
AV	4.9239G	34.56	54.00	-19.44	29.06	3	Vertical	73	1.62	-	32.90	5.46	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

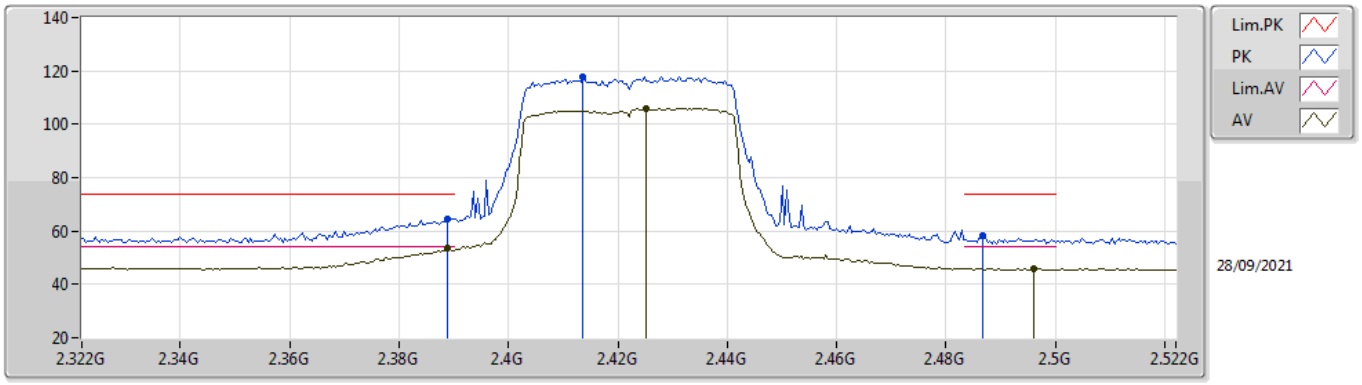


EUT Z_4TX
Setting 25
04-C-K-4

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	4.92766G	47.83	74.00	-26.17	42.32	3	Horizontal	9	1.25	-	32.91	5.46	32.86
AV	4.92152G	34.48	54.00	-19.52	28.99	3	Horizontal	9	1.25	-	32.89	5.46	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

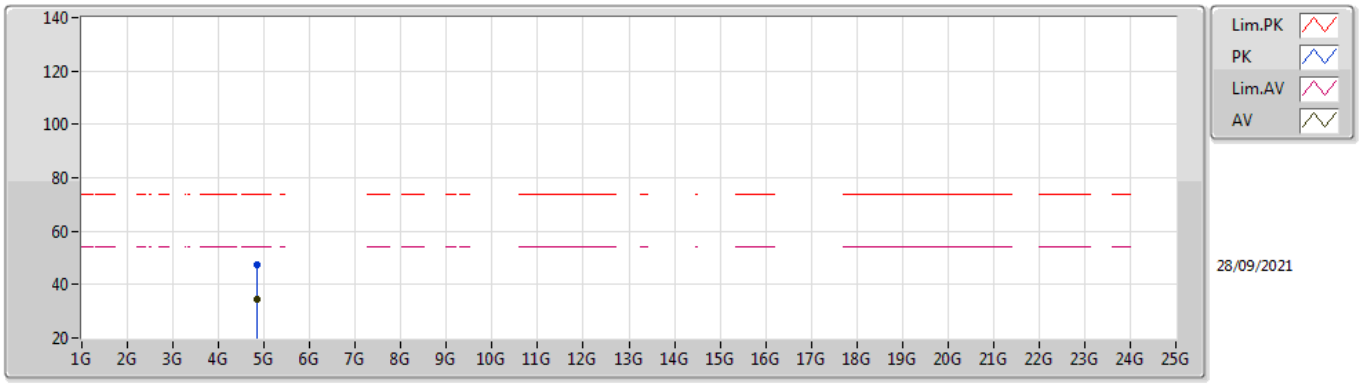


EUT Z_4TX
Setting 23
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	64.73	74.00	-9.27	34.16	3	Vertical	350.6	1.80	-	27.49	3.08	-
AV	2.3888G	53.55	54.00	-0.45	22.98	3	Vertical	350.6	1.80	-	27.49	3.08	-
PK	2.4136G	117.76	Inf	-Inf	87.30	3	Vertical	350.6	1.80	-	27.35	3.11	-
AV	2.4252G	105.92	Inf	-Inf	75.49	3	Vertical	350.6	1.80	-	27.30	3.13	-
PK	2.4868G	58.48	74.00	-15.52	28.02	3	Vertical	350.6	1.80	-	27.27	3.19	-
AV	2.496G	46.09	54.00	-7.91	15.60	3	Vertical	350.6	1.80	-	27.29	3.20	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

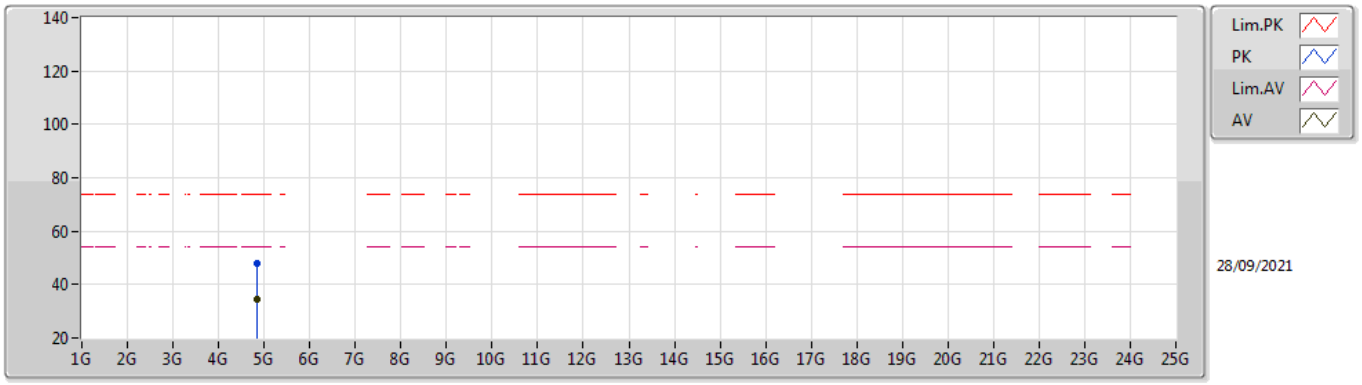


EUT Z_4TX
Setting 23
04-C-B-3

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	4.84838G	47.66	74.00	-26.34	42.42	3	Vertical	159	1.88	-	32.69	5.42	32.87
AV	4.84306G	34.25	54.00	-19.75	29.05	3	Vertical	159	1.88	-	32.66	5.42	32.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

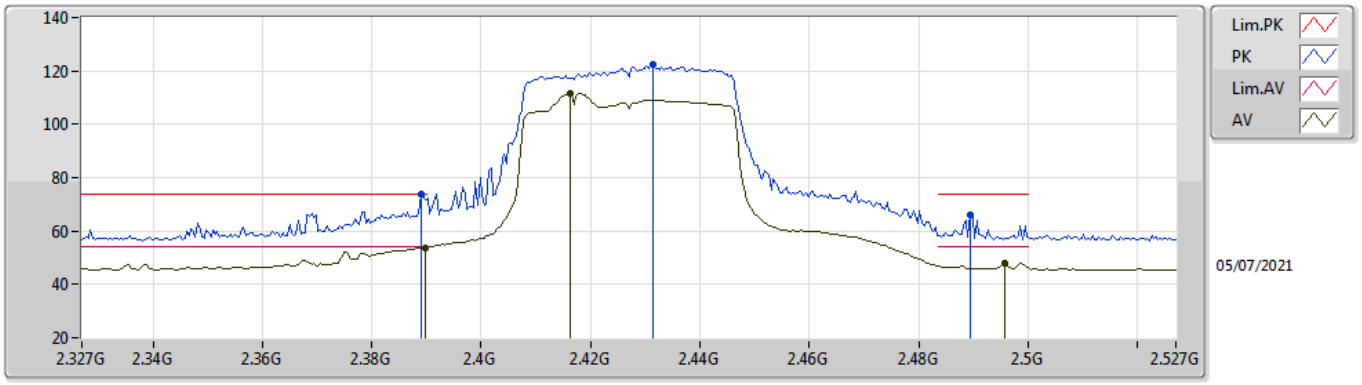


EUT Z_4TX
Setting 23
04-C-B-3

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	4.83958G	47.83	74.00	-26.17	42.65	3	Horizontal	85	2.13	-	32.64	5.42	32.88
AV	4.8484G	34.24	54.00	-19.76	29.00	3	Horizontal	85	2.13	-	32.69	5.42	32.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2427MHz_TX

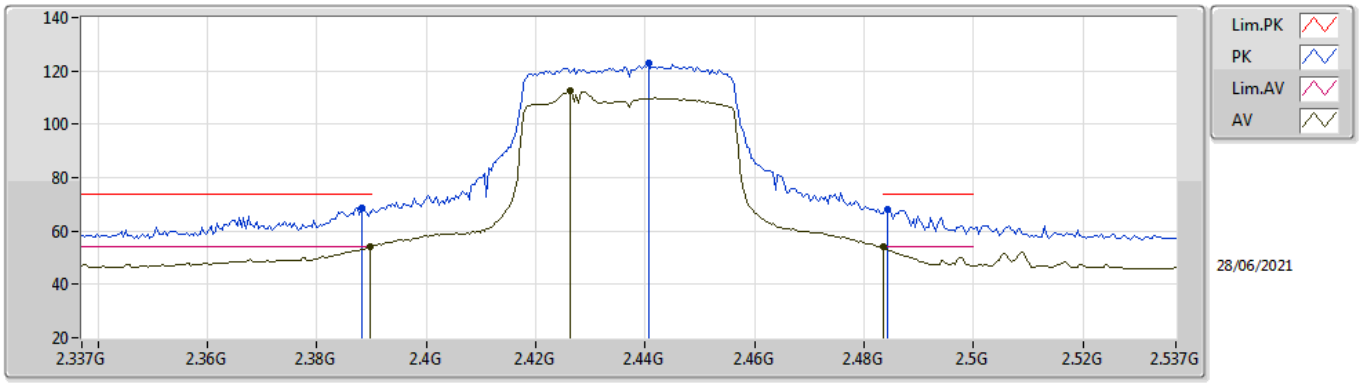


EUT Z_4TX
Setting 26
04-E-K-4

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	2.389G	73.72	74.00	-0.28	43.04	3	Vertical	230.9	2.10	-	27.48	3.20	-
AV	2.3898G	53.78	54.00	-0.22	23.10	3	Vertical	230.9	2.10	-	27.48	3.20	-
PK	2.4314G	122.37	Inf	-Inf	91.58	3	Vertical	230.9	2.10	-	27.56	3.23	-
AV	2.4162G	111.74	Inf	-Inf	80.99	3	Vertical	230.9	2.10	-	27.53	3.22	-
PK	2.4894G	65.98	74.00	-8.02	34.93	3	Vertical	230.9	2.10	-	27.76	3.29	-
AV	2.4958G	47.95	54.00	-6.05	16.87	3	Vertical	230.9	2.10	-	27.78	3.30	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

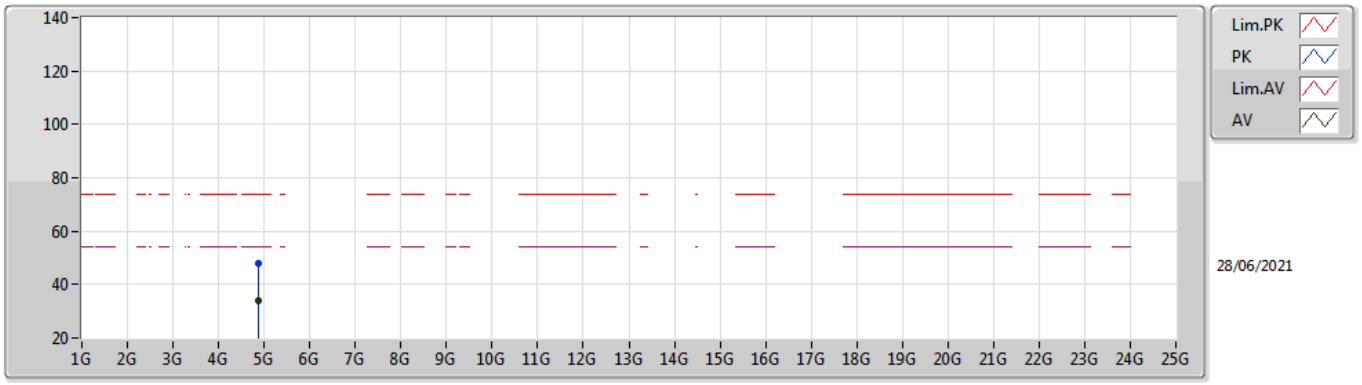


EUT Z_4TX
Setting 28
04-C-B-3

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	68.79	74.00	-5.21	38.11	3	Vertical	20.3	2.10	-	27.48	3.20	-
AV	2.3898G	53.97	54.00	-0.03	23.29	3	Vertical	20.3	2.10	-	27.48	3.20	-
PK	2.4406G	122.96	Inf	-Inf	92.14	3	Vertical	20.3	2.10	-	27.58	3.24	-
AV	2.4262G	112.48	Inf	-Inf	81.70	3	Vertical	20.3	2.10	-	27.55	3.23	-
PK	2.4842G	68.17	74.00	-5.83	37.15	3	Vertical	20.3	2.10	-	27.74	3.28	-
AV	2.4835G	53.92	54.00	-0.08	22.91	3	Vertical	20.3	2.10	-	27.73	3.28	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

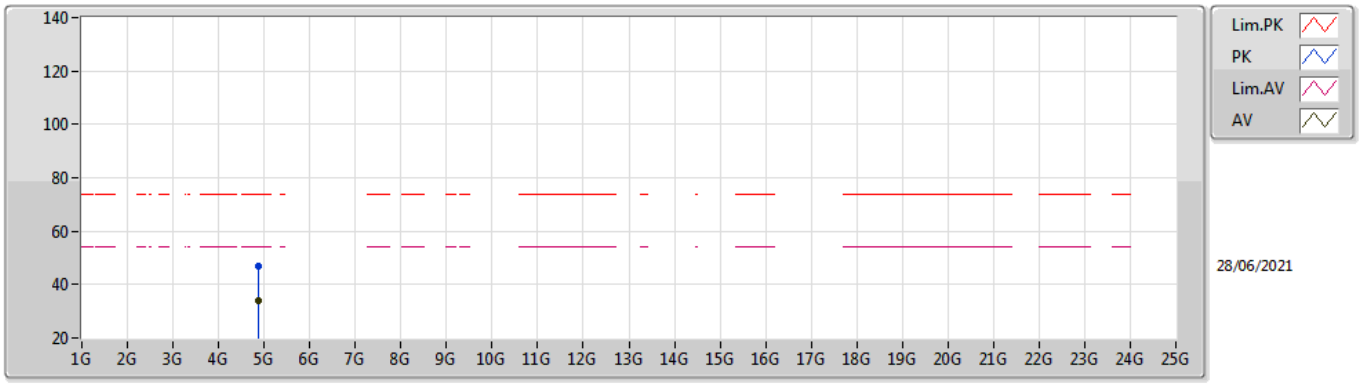


EUT Z_4TX
Setting 28
04-C-B-3

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	4.874G	47.79	74.00	-26.21	42.47	3	Vertical	158	1.92	-	32.75	5.44	32.87
AV	4.87034G	33.81	54.00	-20.19	28.50	3	Vertical	158	1.92	-	32.74	5.44	32.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

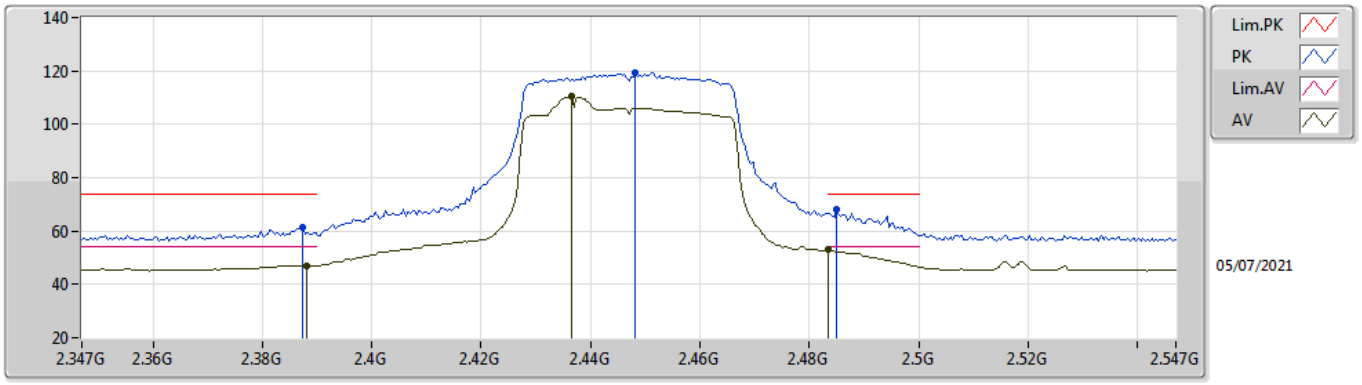


EUT Z_4TX
Setting 28
04-C-B-3

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	4.872G	46.96	74.00	-27.04	41.65	3	Horizontal	193	2.21	-	32.74	5.44	32.87
AV	4.8715G	33.92	54.00	-20.08	28.61	3	Horizontal	193	2.21	-	32.74	5.44	32.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2447MHz_TX

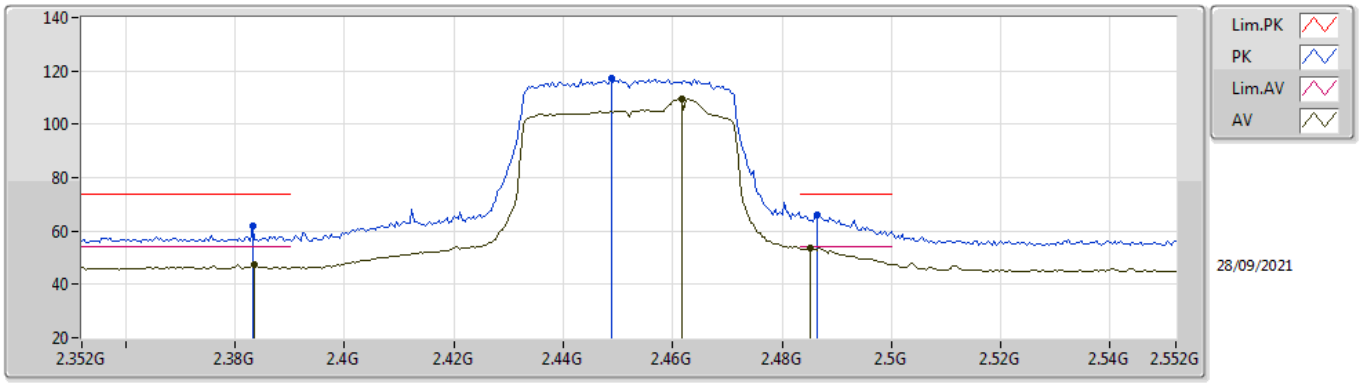


EUT Z_4TX
Setting 24
04-E-K-4

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	2.3874G	61.60	74.00	-12.40	30.93	3	Vertical	245	2.20	-	27.47	3.20	-
AV	2.3882G	47.04	54.00	-6.96	16.36	3	Vertical	245	2.20	-	27.48	3.20	-
PK	2.4482G	119.31	Inf	-Inf	88.46	3	Vertical	245	2.20	-	27.60	3.25	-
AV	2.4366G	110.48	Inf	-Inf	79.67	3	Vertical	245	2.20	-	27.57	3.24	-
PK	2.485G	68.11	74.00	-5.89	37.08	3	Vertical	245	2.20	-	27.74	3.29	-
AV	2.4835G	52.93	54.00	-1.07	21.92	3	Vertical	245	2.20	-	27.73	3.28	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

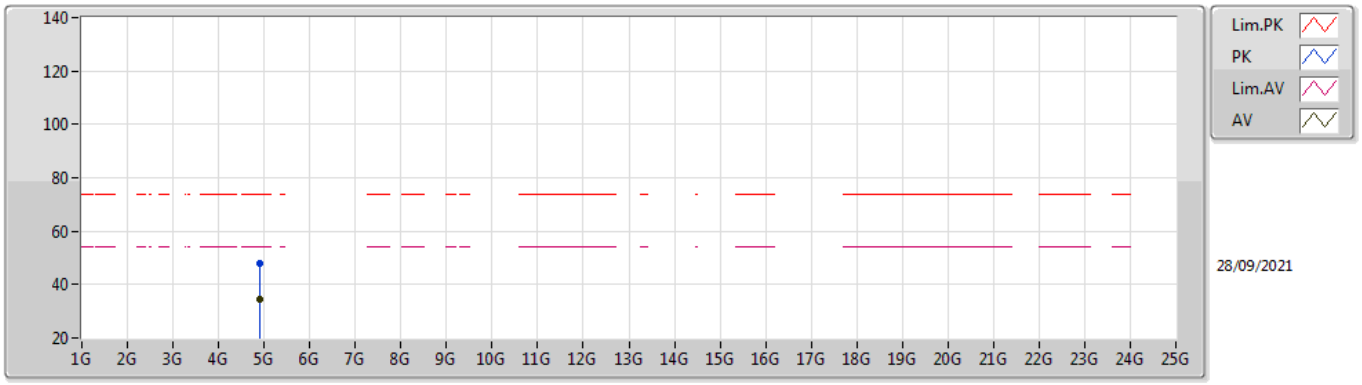


EUT Z_4TX
Setting 24
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	2.3832G	61.97	74.00	-12.03	31.37	3	Vertical	236.9	1.80	-	27.53	3.07	-	
AV	2.3836G	47.66	54.00	-6.34	17.06	3	Vertical	236.9	1.80	-	27.53	3.07	-	
PK	2.4488G	117.32	Inf	-Inf	86.97	3	Vertical	236.9	1.80	-	27.20	3.15	-	
AV	2.4616G	109.69	Inf	-Inf	79.31	3	Vertical	236.9	1.80	-	27.22	3.16	-	
PK	2.4864G	65.86	74.00	-8.14	35.40	3	Vertical	236.9	1.80	-	27.27	3.19	-	
AV	2.4852G	53.69	54.00	-0.31	23.23	3	Vertical	236.9	1.80	-	27.27	3.19	-	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

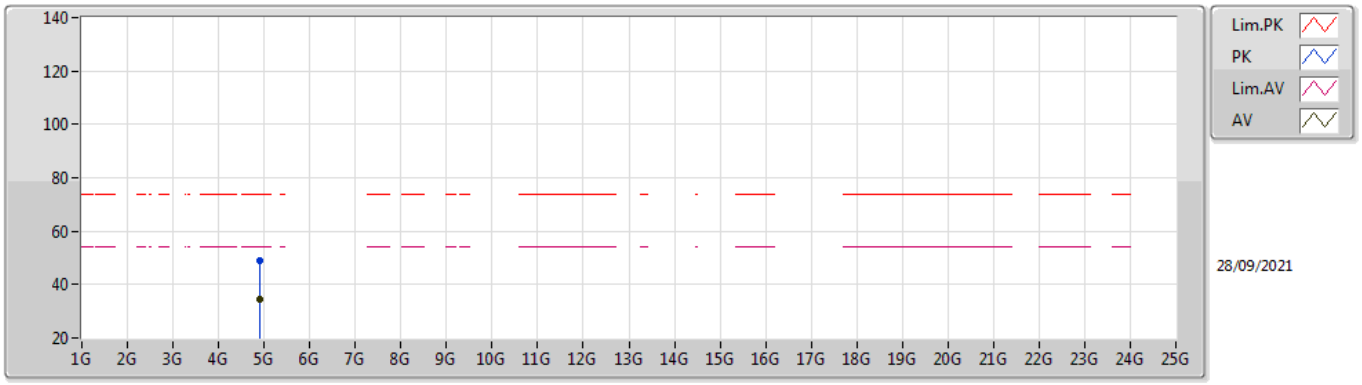


EUT Z_4TX
Setting 24
04-C-B-3

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	4.89948G	48.01	74.00	-25.99	42.63	3	Vertical	132	1.67	-	32.80	5.45	32.87
AV	4.90798G	34.44	54.00	-19.56	29.02	3	Vertical	132	1.67	-	32.83	5.45	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX



EUT Z_4TX
Setting 24
04-C-B-3

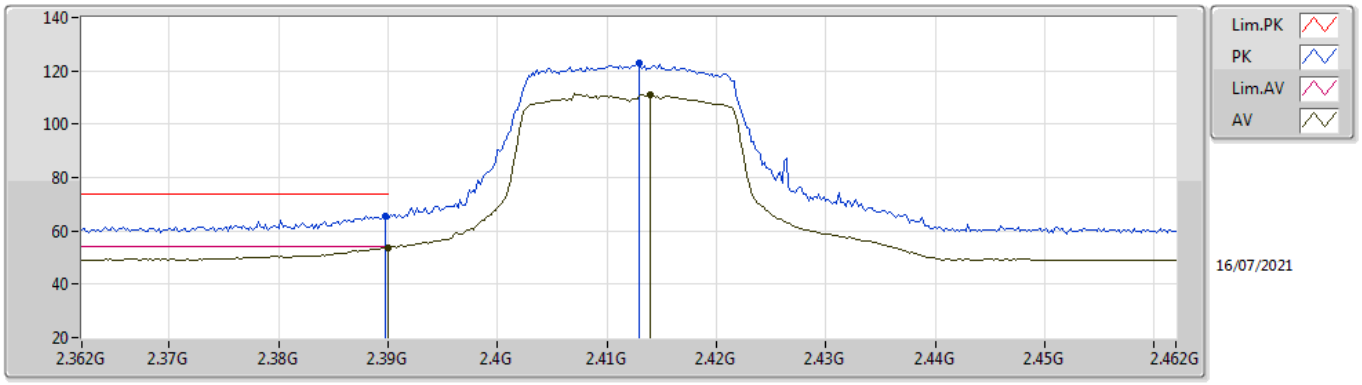
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90428G	48.71	74.00	-25.29	43.31	3	Horizontal	58	2.55	-	32.82	5.45	32.87
AV	4.9068G	34.62	54.00	-19.38	29.20	3	Horizontal	58	2.55	-	32.83	5.45	32.86

For 4T2S 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_Nss2,(MCS0)_4TX	Pass	PK	2.4872G	73.83	74.00	-0.17	3	Vertical	238.1	1.85	-

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2412MHz_TX

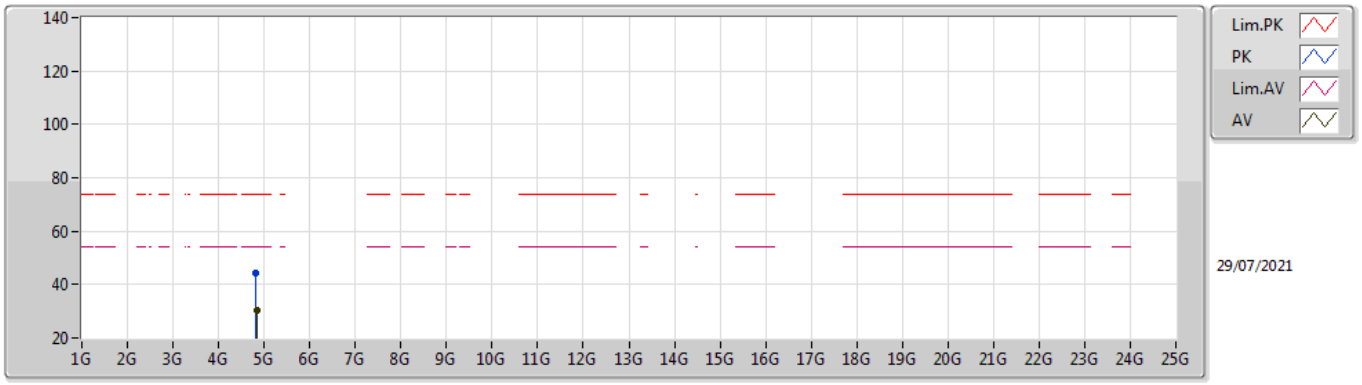


EUT Y_4TX
Setting 28
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	65.39	74.00	-8.61	34.60	3	Vertical	247	1.82	-	28.38	2.41	-
AV	2.39G	53.69	54.00	-0.31	22.90	3	Vertical	247	1.82	-	28.38	2.41	-
PK	2.413G	122.92	Inf	-Inf	92.11	3	Vertical	247	1.82	-	28.40	2.41	-
AV	2.414G	111.01	Inf	-Inf	80.20	3	Vertical	247	1.82	-	28.40	2.41	-

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2412MHz_TX

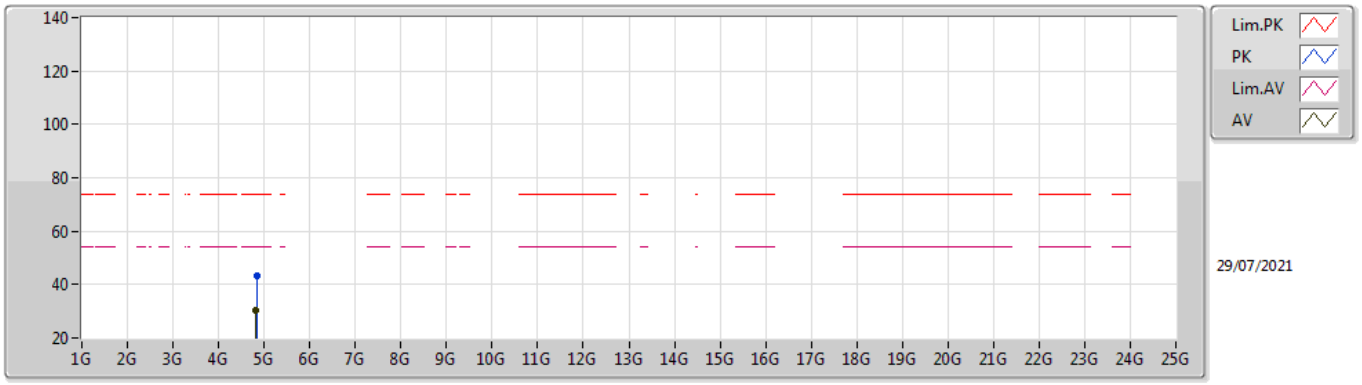


EUT Y_4TX
Setting 28
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82012G	44.46	74.00	-29.54	39.20	3	Vertical	163	2.81	-	32.78	4.70	32.22
AV	4.83348G	30.26	54.00	-23.74	24.95	3	Vertical	163	2.81	-	32.83	4.70	32.22

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2412MHz_TX

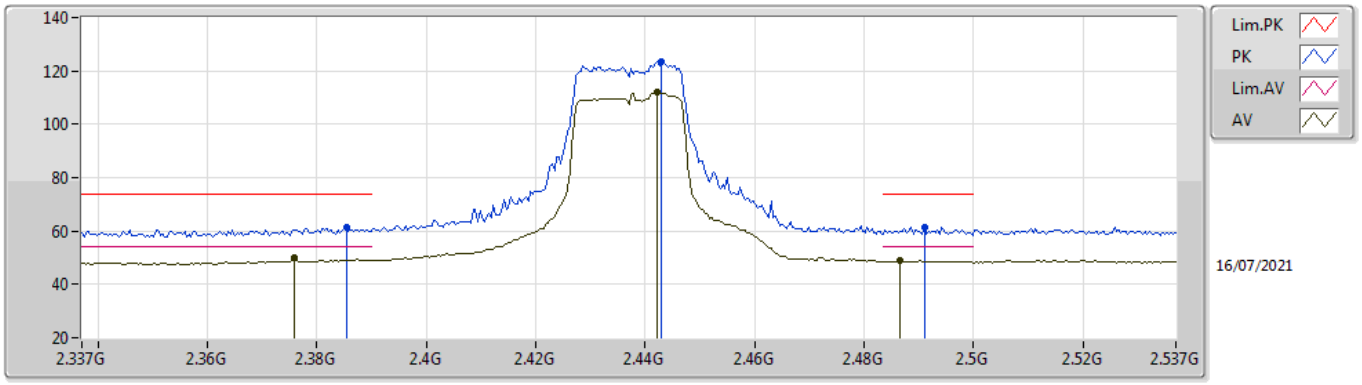


EUT Y_4TX
Setting 28
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83316G	43.45	74.00	-30.55	38.14	3	Horizontal	96	2.97	-	32.83	4.70	32.22
AV	4.81472G	30.40	54.00	-23.60	25.17	3	Horizontal	96	2.97	-	32.76	4.70	32.23

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2437MHz_TX

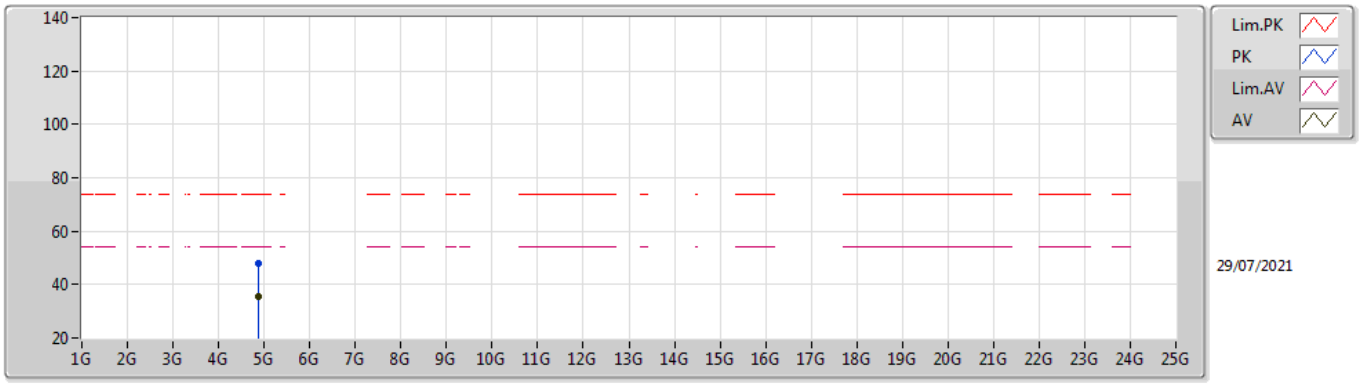


EUT Y_4TX
Setting 30
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3854G	61.58	74.00	-12.42	30.80	3	Vertical	82.2	2.17	-	28.37	2.41	-
AV	2.3758G	49.83	54.00	-4.17	19.07	3	Vertical	82.2	2.17	-	28.35	2.41	-
PK	2.443G	123.45	Inf	-Inf	92.63	3	Vertical	82.2	2.17	-	28.40	2.42	-
AV	2.4422G	112.08	Inf	-Inf	81.26	3	Vertical	82.2	2.17	-	28.40	2.42	-
PK	2.491G	61.20	74.00	-12.80	30.19	3	Vertical	82.2	2.17	-	28.56	2.45	-
AV	2.4866G	48.79	54.00	-5.21	17.80	3	Vertical	82.2	2.17	-	28.55	2.44	-

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2437MHz_TX

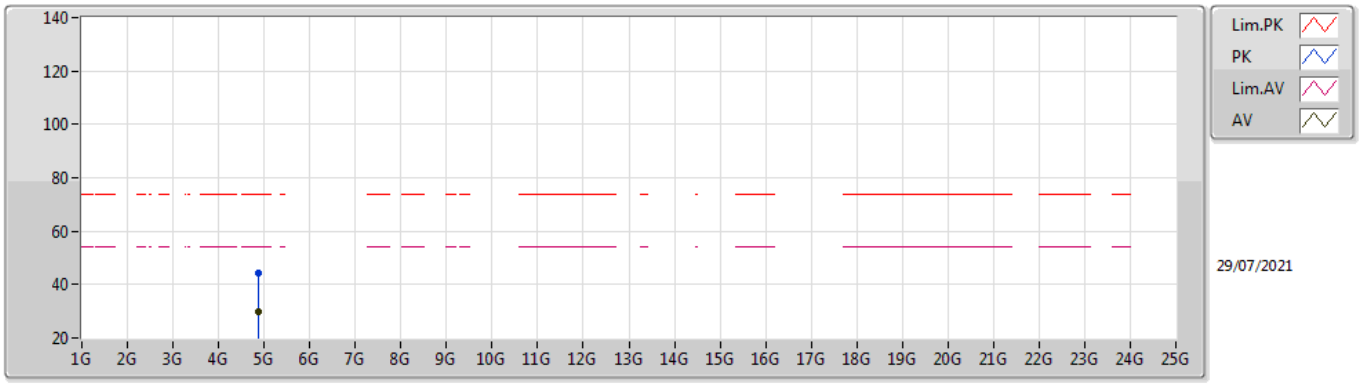


EUT Y_4TX
Setting 30
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87304G	47.87	74.00	-26.13	42.43	3	Vertical	188	1.32	-	32.95	4.70	32.21
AV	4.87324G	35.26	54.00	-18.74	29.82	3	Vertical	188	1.32	-	32.95	4.70	32.21

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2437MHz_TX

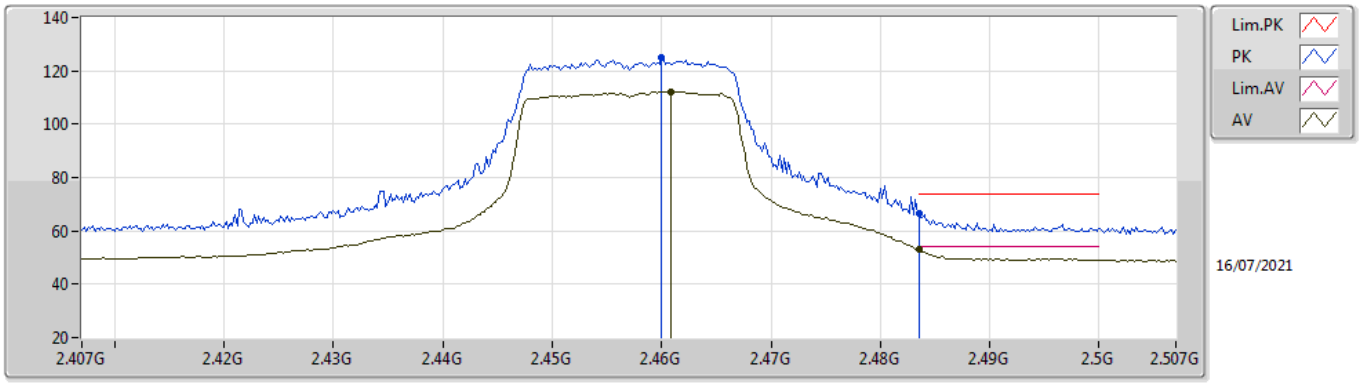


EUT Y_4TX
Setting 30
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87068G	44.07	74.00	-29.93	38.64	3	Horizontal	208	1.80	-	32.94	4.70	32.21
AV	4.87376G	30.04	54.00	-23.96	24.60	3	Horizontal	208	1.80	-	32.95	4.70	32.21

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2457MHz_TX

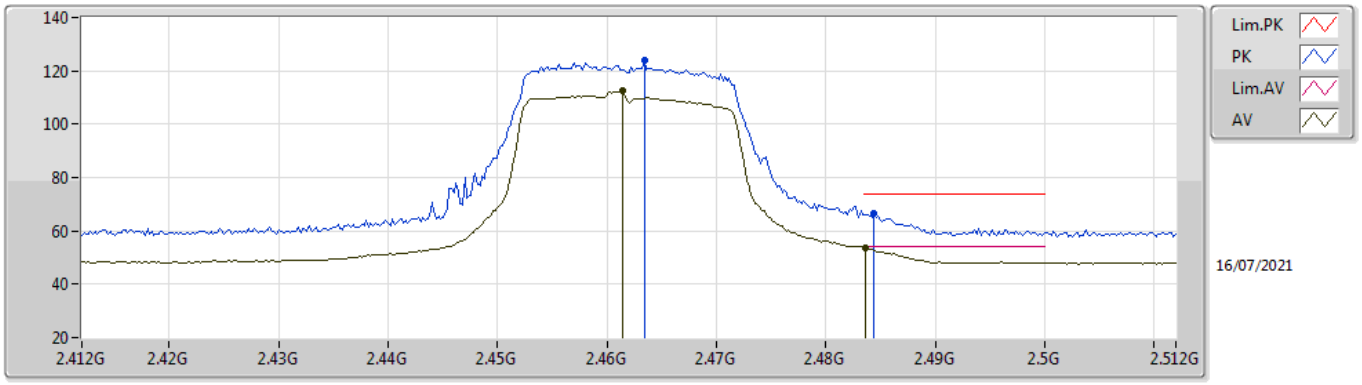


EUT Y_4TX
Setting 30
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.46G	124.86	Inf	-Inf	93.99	3	Vertical	229.1	1.80	-	28.44	2.43	-
AV	2.4608G	111.98	Inf	-Inf	81.11	3	Vertical	229.1	1.80	-	28.44	2.43	-
PK	2.4835G	66.60	74.00	-7.40	35.63	3	Vertical	229.1	1.80	-	28.53	2.44	-
AV	2.4835G	53.12	54.00	-0.88	22.15	3	Vertical	229.1	1.80	-	28.53	2.44	-

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2462MHz_TX

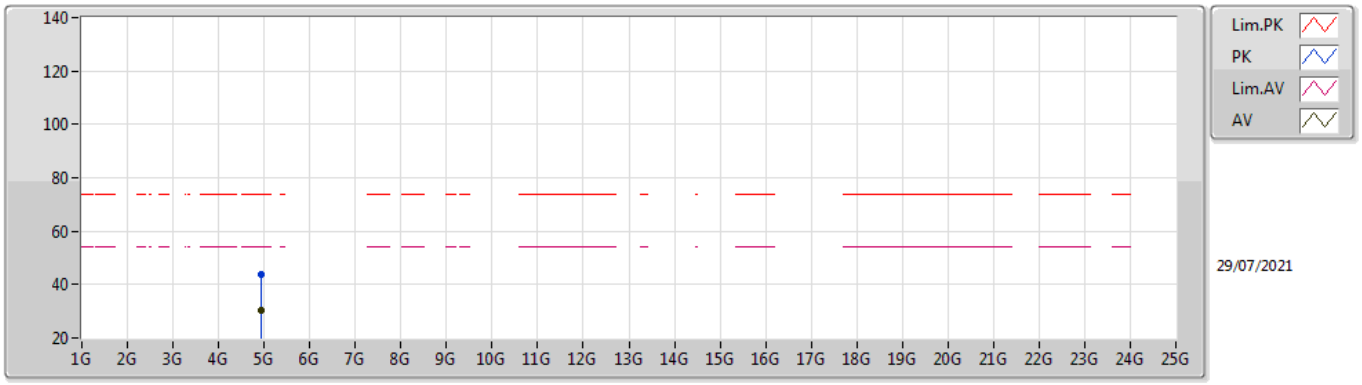


EUT Y_4TX
Setting 26
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4634G	124.03	Inf	-Inf	93.15	3	Vertical	242.3	1.78	-	28.45	2.43	-
AV	2.4614G	112.55	Inf	-Inf	81.67	3	Vertical	242.3	1.78	-	28.45	2.43	-
PK	2.4844G	66.31	74.00	-7.69	35.33	3	Vertical	242.3	1.78	-	28.54	2.44	-
AV	2.4836G	53.54	54.00	-0.46	22.57	3	Vertical	242.3	1.78	-	28.53	2.44	-

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2462MHz_TX

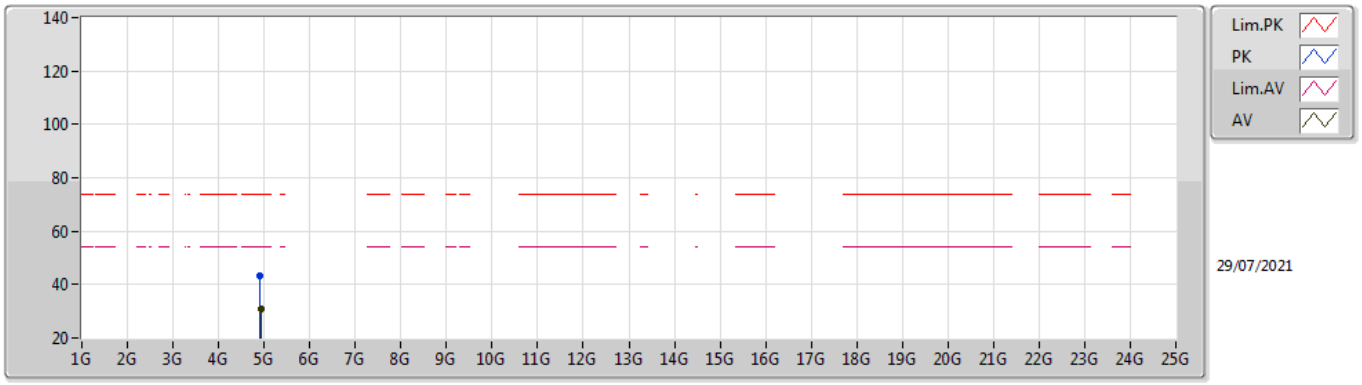


EUT Y_4TX
Setting 26
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9244G	43.92	74.00	-30.08	38.26	3	Vertical	270	2.28	-	33.15	4.70	32.19
AV	4.92516G	30.53	54.00	-23.47	24.87	3	Vertical	270	2.28	-	33.15	4.70	32.19

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2462MHz_TX

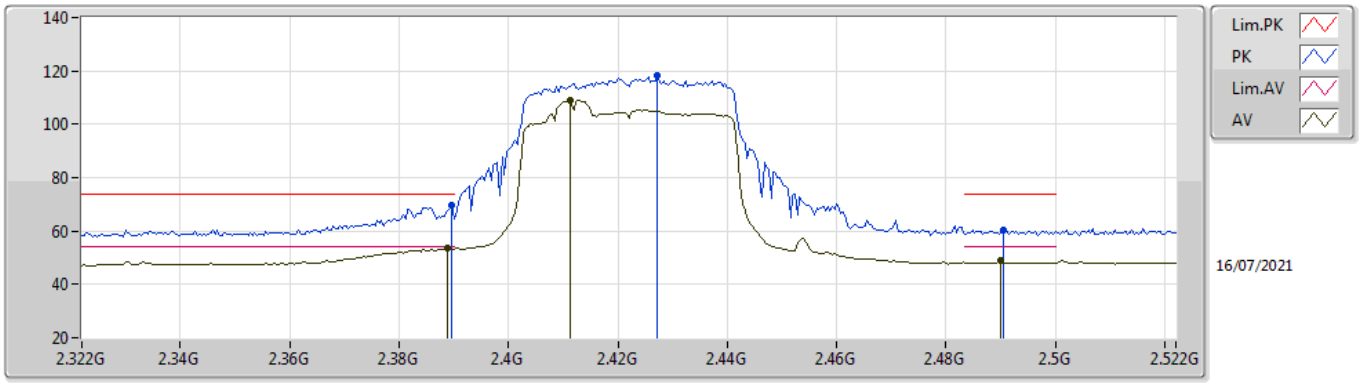


EUT Y_4TX
Setting 26
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.918G	43.27	74.00	-30.73	37.65	3	Horizontal	5	1.26	-	33.11	4.70	32.19
AV	4.92692G	30.75	54.00	-23.25	25.08	3	Horizontal	5	1.26	-	33.16	4.70	32.19

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2422MHz_TX

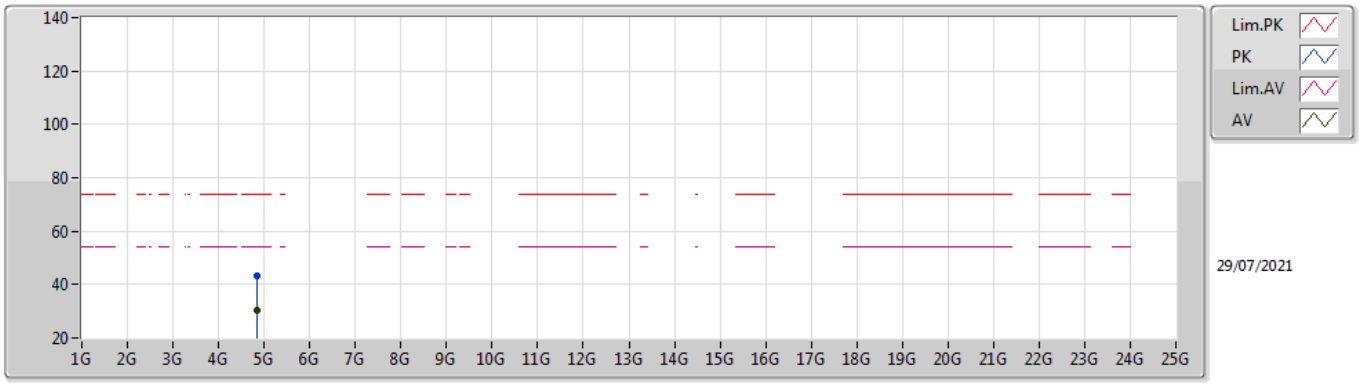


EUT Y_4TX
Setting 25
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	69.69	74.00	-4.31	38.90	3	Vertical	303.7	1.80	-	28.38	2.41	-
AV	2.3888G	53.58	54.00	-0.42	22.79	3	Vertical	303.7	1.80	-	28.38	2.41	-
PK	2.4272G	118.13	Inf	-Inf	87.32	3	Vertical	303.7	1.80	-	28.40	2.41	-
AV	2.4112G	109.22	Inf	-Inf	78.41	3	Vertical	303.7	1.80	-	28.40	2.41	-
PK	2.4904G	60.52	74.00	-13.48	29.51	3	Vertical	303.7	1.80	-	28.56	2.45	-
AV	2.49G	49.06	54.00	-4.94	18.06	3	Vertical	303.7	1.80	-	28.56	2.44	-

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2422MHz_TX

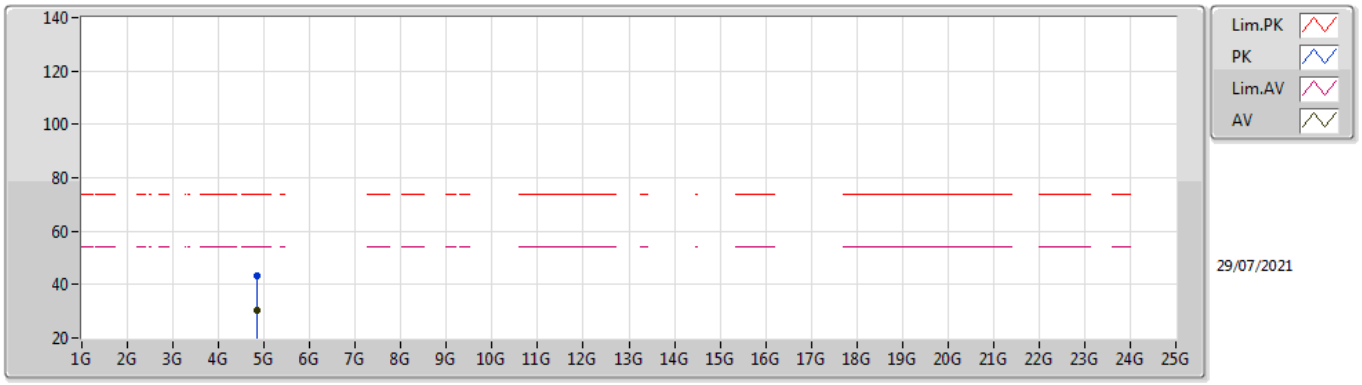


EUT Y_4TX
Setting 25
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8398G	43.19	74.00	-30.81	37.85	3	Vertical	215	1.37	-	32.86	4.70	32.22
AV	4.84268G	30.23	54.00	-23.77	24.88	3	Vertical	215	1.37	-	32.87	4.70	32.22

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2422MHz_TX

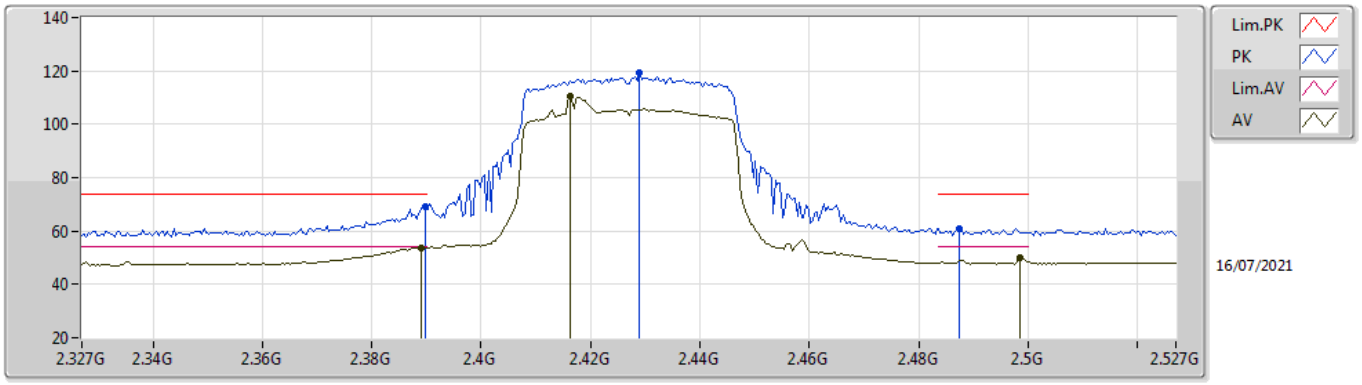


EUT Y_4TX
Setting 25
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84096G	43.39	74.00	-30.61	38.05	3	Horizontal	208	2.90	-	32.86	4.70	32.22
AV	4.83544G	30.19	54.00	-23.81	24.87	3	Horizontal	208	2.90	-	32.84	4.70	32.22

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2427MHz_TX

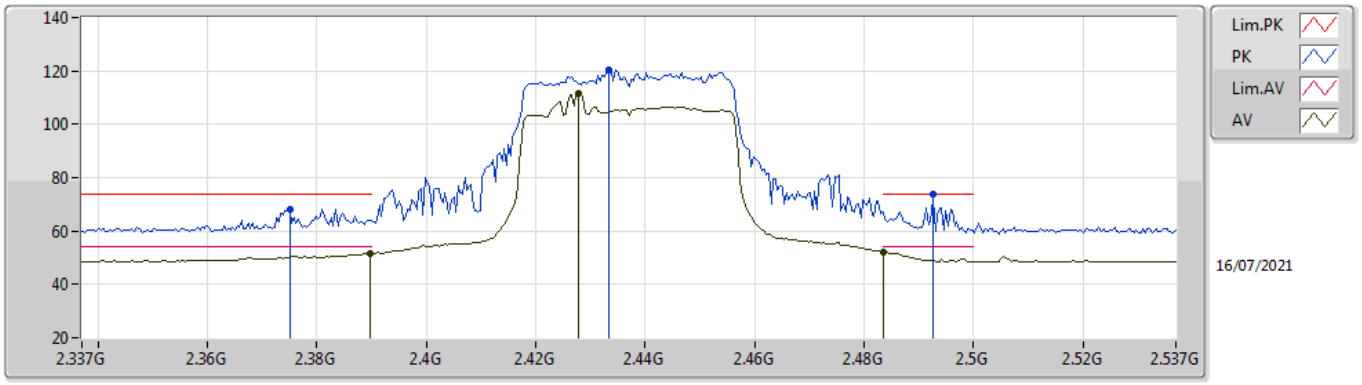


EUT Y_4TX
Setting 25
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	69.24	74.00	-4.76	38.45	3	Vertical	299.6	1.70	-	28.38	2.41	-
AV	2.389G	53.79	54.00	-0.21	23.00	3	Vertical	299.6	1.70	-	28.38	2.41	-
PK	2.429G	119.40	Inf	-Inf	88.59	3	Vertical	299.6	1.70	-	28.40	2.41	-
AV	2.4162G	110.33	Inf	-Inf	79.52	3	Vertical	299.6	1.70	-	28.40	2.41	-
PK	2.4874G	61.07	74.00	-12.93	30.08	3	Vertical	299.6	1.70	-	28.55	2.44	-
AV	2.4986G	50.06	54.00	-3.94	19.02	3	Vertical	299.6	1.70	-	28.59	2.45	-

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2437MHz_TX

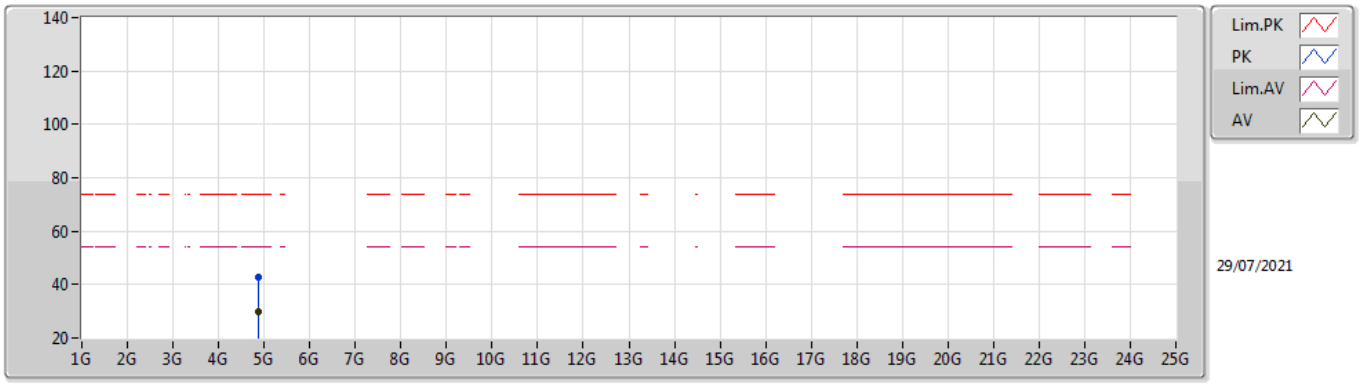


EUT Y_4TX
Setting 29
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.375G	68.36	74.00	-5.64	37.60	3	Vertical	164.9	1.96	-	28.35	2.41	-
AV	2.3898G	51.68	54.00	-2.32	20.89	3	Vertical	164.9	1.96	-	28.38	2.41	-
PK	2.4334G	120.51	Inf	-Inf	89.69	3	Vertical	164.9	1.96	-	28.40	2.42	-
AV	2.4278G	111.32	Inf	-Inf	80.51	3	Vertical	164.9	1.96	-	28.40	2.41	-
PK	2.4926G	73.55	74.00	-0.45	42.53	3	Vertical	164.9	1.96	-	28.57	2.45	-
AV	2.4835G	52.15	54.00	-1.85	21.18	3	Vertical	164.9	1.96	-	28.53	2.44	-

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2437MHz_TX

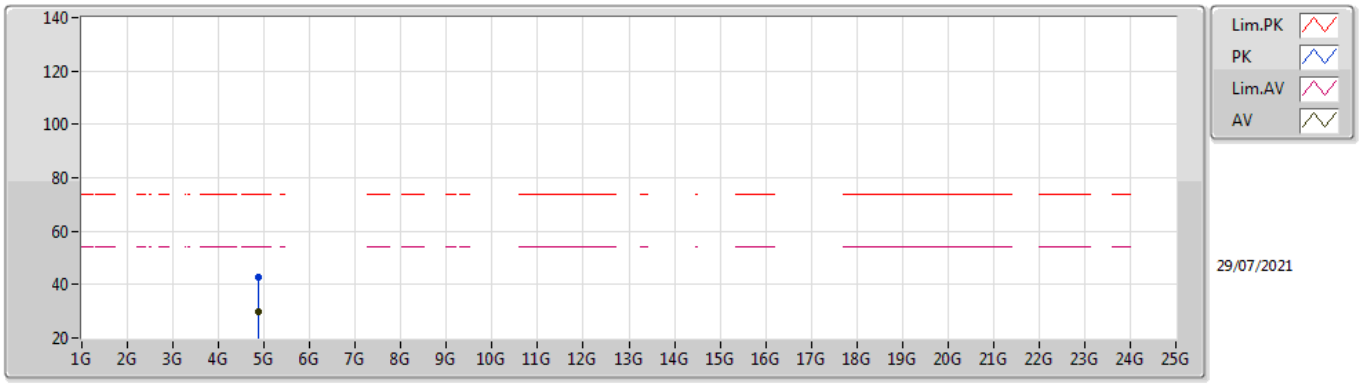


EUT Y_4TX
Setting 29
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.88336G	42.84	74.00	-31.16	37.37	3	Vertical	194	1.53	-	32.97	4.70	32.20
AV	4.87316G	30.01	54.00	-23.99	24.57	3	Vertical	194	1.53	-	32.95	4.70	32.21

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2437MHz_TX

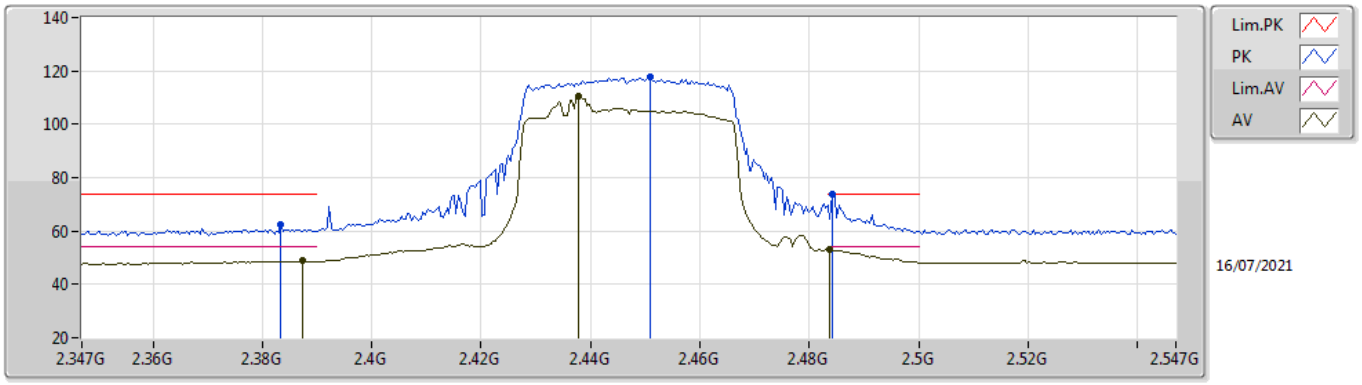


EUT Y_4TX
Setting 29
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.88268G	42.94	74.00	-31.06	37.47	3	Horizontal	53	1.61	-	32.97	4.70	32.20
AV	4.86528G	30.01	54.00	-23.99	24.59	3	Horizontal	53	1.61	-	32.93	4.70	32.21

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2447MHz_TX

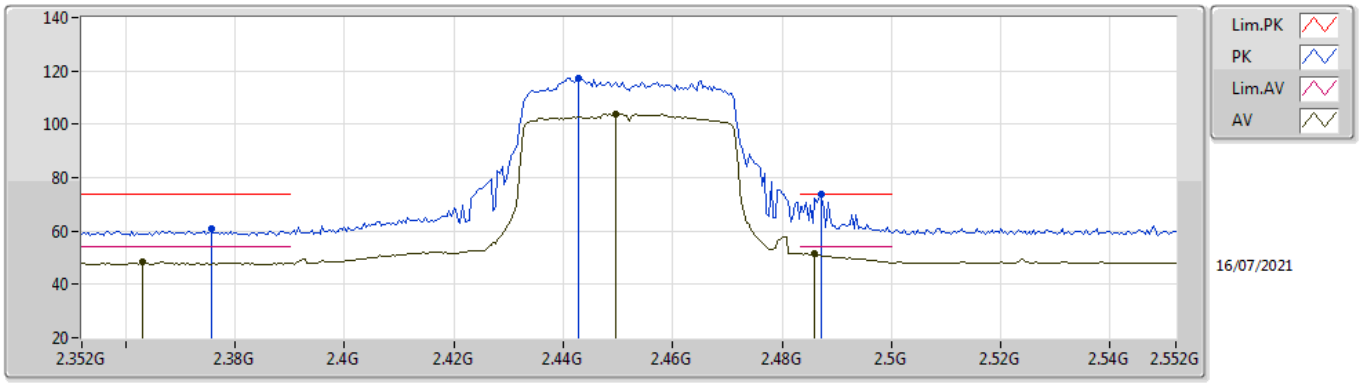


EUT Y_4TX
Setting 26
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3834G	62.41	74.00	-11.59	31.63	3	Vertical	169	1.91	-	28.37	2.41	-
AV	2.3874G	49.13	54.00	-4.87	18.35	3	Vertical	169	1.91	-	28.37	2.41	-
PK	2.451G	117.54	Inf	-Inf	86.71	3	Vertical	169	1.91	-	28.40	2.43	-
AV	2.4378G	110.42	Inf	-Inf	79.60	3	Vertical	169	1.91	-	28.40	2.42	-
PK	2.4842G	73.58	74.00	-0.42	42.60	3	Vertical	169	1.91	-	28.54	2.44	-
AV	2.4838G	52.87	54.00	-1.13	21.89	3	Vertical	169	1.91	-	28.54	2.44	-

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2452MHz_TX

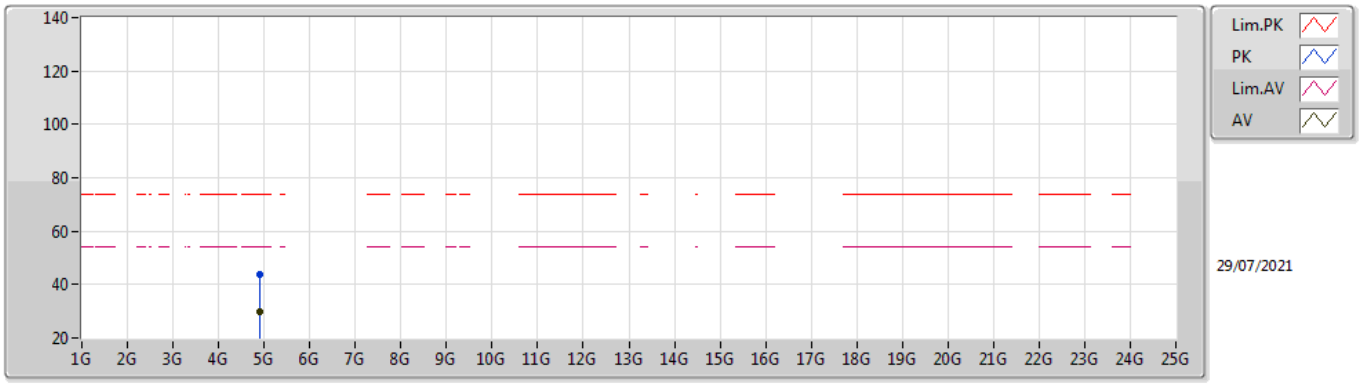


EUT Y_4TX
Setting 26
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3756G	60.77	74.00	-13.23	30.01	3	Vertical	238.1	1.85	-	28.35	2.41	-
AV	2.3632G	48.54	54.00	-5.46	17.79	3	Vertical	238.1	1.85	-	28.33	2.42	-
PK	2.4428G	117.21	Inf	-Inf	86.39	3	Vertical	238.1	1.85	-	28.40	2.42	-
AV	2.4496G	103.72	Inf	-Inf	72.90	3	Vertical	238.1	1.85	-	28.40	2.42	-
PK	2.4872G	73.83	74.00	-0.17	42.84	3	Vertical	238.1	1.85	-	28.55	2.44	-
AV	2.486G	51.42	54.00	-2.58	20.44	3	Vertical	238.1	1.85	-	28.54	2.44	-

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2452MHz_TX

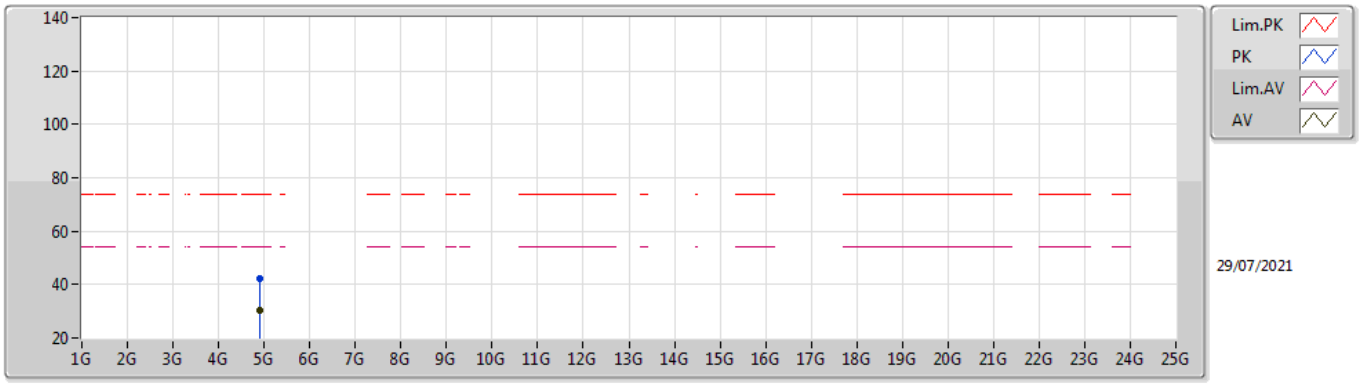


EUT Y_4TX
Setting 26
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.89568G	43.71	74.00	-30.29	38.22	3	Vertical	269	2.40	-	32.99	4.70	32.20
AV	4.90328G	29.91	54.00	-24.09	24.38	3	Vertical	269	2.40	-	33.02	4.70	32.19

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2452MHz_TX



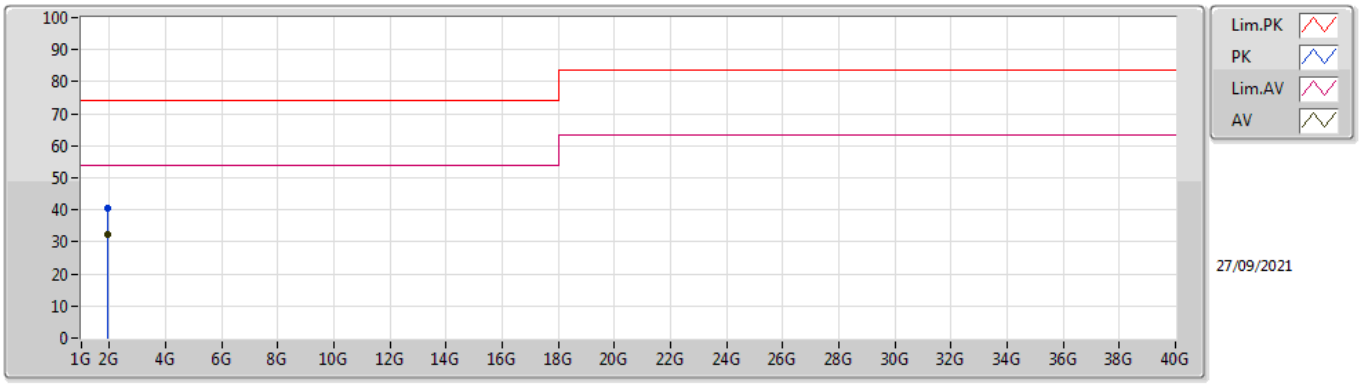
EUT Y_4TX
Setting 26
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9092G	42.30	74.00	-31.70	36.73	3	Horizontal	9	1.65	-	33.06	4.70	32.19
AV	4.89412G	30.19	54.00	-23.81	24.70	3	Horizontal	9	1.65	-	32.99	4.70	32.20

Summary

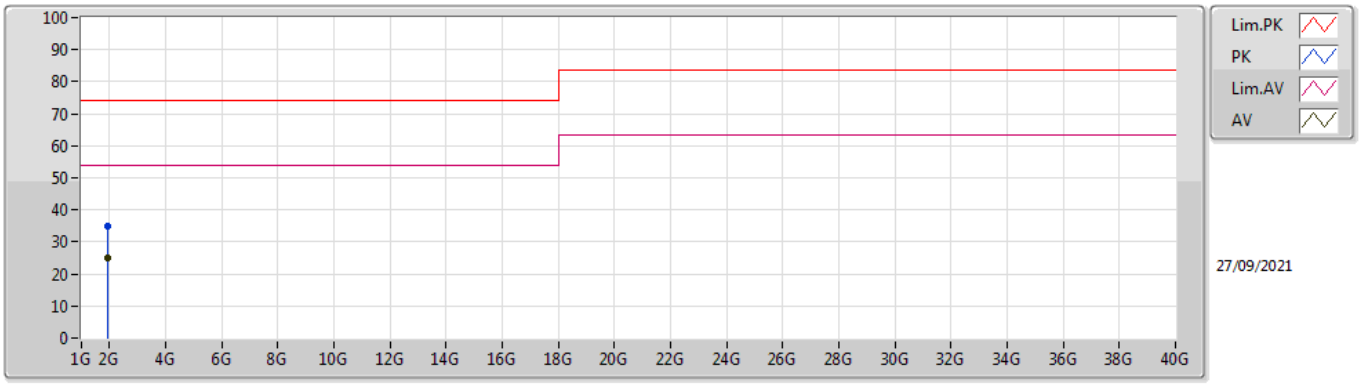
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.91999G	32.22	54.00	-21.78	Vertical

Mode 1



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	1.9202G	40.44	74.00	-33.56	-7.96	3	Vertical	199	1.78	-	48.40	25.52	3.72	37.20
AV	1.91999G	32.22	54.00	-21.78	-7.96	3	Vertical	199	1.78	"Worst"	40.18	25.52	3.72	37.20

Mode 1



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	1.9199G	34.95	74.00	-39.05	-7.96	3	Horizontal	208	1.00	-	42.91	25.52	3.72	37.20
AV	1.92003G	25.14	54.00	-28.86	-7.96	3	Horizontal	208	1.00	"Worst"	33.10	25.52	3.72	37.20