



FCC Radio Test Report

FCC ID : 2AHBN-AP64
Equipment : 802.11ax WiFi6E 2+2+2 Access Point
Brand Name : Juniper
Model Name : AP64
Applicant : Juniper Networks, Inc.
1133 Innovation Way, Sunnyvale, CA 94089, USA
Manufacturer : Juniper Networks, Inc.
1133 Innovation Way, Sunnyvale, CA 94089, USA
Standard : 47 CFR FCC Part 15.247

The product was received on Sep. 13, 2023, and testing was started from Sep. 26, 2023 and completed on Oct. 27, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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PHOTOGRAPHS OF EUT V01



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

Reviewed by: Ryan Hsiao

Report Producer: Michelle Tsai



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]

Non-Beamforming_Radio 1

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Non-Beamforming_Radio 2

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX
2.4-2.4835GHz	802.11ax HEW40	40	1TX
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Beamforming_Radio 1

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

Beamforming_Radio 2

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

Note:

- ◆ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ◆ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ◆ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ◆ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ◆ Evaluated HEW20/HEW40 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40.
- ◆ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	Juniper	0990279010_1	PIFA	I-PEX	Radio 2_2.4G+Radio 1_6G
2	Juniper	0990279010_2	PIFA	I-PEX	Radio 0_5G+BT/Thread/Zigbee
3	Juniper	0990279010_3	PIFA	I-PEX	Radio 1_2.4G+Radio 0_5G
4	Juniper	0990279010_4	PIFA	I-PEX	Radio 1_2.4G+Radio 1_6G
5	Juniper	0990279010_5	PIFA	I-PEX	Radio 2_2.4G+Radio 2_5G+Radio 2_6G
6	Juniper	0990278910	PIFA	I-PEX	GPS

Ant.	Gain (dBi)							BT/Thread/Zigbee	GPS
	Radio 0	Radio 1		Radio 2					
	5G	2.4G	6G	2.4G	5G	6G			
1	-	-	4.45	1.58	-	-	-	-	
2	5.46	-	-	-	-	-	1.22	-	
3	5.41	1.38	-	-	-	-	-	-	
4	-	4.41	4.25	-	-	-	-	-	
5	-	-	-	2.3	4.26	3.9	-	-	
6	-	-	-	-	-	-	-	3.15	

	Composite Gain (dBi)								
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	6.175G	6.475G	6.695G	6.995G
DG [1SS] Ant.1 & Ant.5	4.35	-	-	-	-	-	-	-	-
DG [1SS] Ant.3 & Ant.4	5.08	-	-	-	-	-	-	-	-
DG [1SS] Ant.2 & Ant.3	-	5.46	5.42	5.52	3.99	-	-	-	-
DG [1SS] Ant.1 & Ant.4	-	-	-	-	-	5.37	4.72	4.36	4.63

Note 1: The EUT has six antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP391129.



For 2.4GHz function:

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

Ant. 5 could transmit/receive.

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

Ant. 3 and Ant. 4 could transmit/receive simultaneously.

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

Ant. 1 and Ant. 5 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 2 could transmit/receive.

For 5GHz function:

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

Ant. 5 could transmit/receive.

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 0)

Ant. 2 and Ant. 3 could transmit/receive simultaneously.

For Thread function:

For Thread mode (1TX/1RX)

Ant. 2 could transmit/receive.

For Zigbee function:

For Zigbee mode (1TX/1RX)

Ant. 2 could transmit/receive.

1.1.3 EUT Information

Operational Condition	
EUT Power Type	From PoE
EUT Function	<input checked="" type="checkbox"/> Point-to-multipoint <input type="checkbox"/> Point-to-point
Type of EUT	
<input checked="" type="checkbox"/>	Stand-alone
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)
	Combined Equipment - Brand Name / Model No.: ...
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)
	Host System - Brand Name / Model No.: ...
<input type="checkbox"/>	Other:



1.1.4 Mode Test Duty Cycle

Non-Beamforming_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1Mbps)_2TX	0.957	0.19	12.417m	100
802.11g_Nss 1,(6Mbps)_2TX	0.950	0.22	2.065m	1k
802.11ax HEW20_Nss 1,(MCS0)_2TX	0.979	0.09	1.489m	1k
802.11ax HEW40_Nss 1,(MCS0)_2TX	0.962	0.17	780.937u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX	0.936	0.29	12.431m	100
802.11g_Nss1,(6Mbps)_1TX	0.954	0.2	2.065m	1k
802.11ax HEW20_Nss1,(MCS0)_1TX	0.980	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_1TX	0.962	0.17	781.875u	3k
802.11b_Nss1,(1Mbps)_2TX	0.936	0.29	12.431m	100
802.11g_Nss1,(6Mbps)_2TX	0.954	0.2	2.065m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.962	0.17	781.875u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss 1, (MCS0)_2TX	0.979	0.09	1.489m	1k
802.11ax HEW40-BF_Nss 1, (MCS0)_2TX	0.962	0.17	780.937u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.980	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.962	0.17	781.875u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.



1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/>	Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)		
		TEL: 886-3-327-3456	FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel Lin	21.7~22.7°C / 55~58%	24/Oct/2023
RF Conducted	TH01-HY	Raven Chien	23.1~23.6°C / 50~56%	05/Oct/2023~06/Oct/2023
Radiated (Co-location)	03CH02-HY	Vasari Huang	22.9~24.1°C / 52~58%	26/Oct/2023~27/Oct/2023
<input checked="" type="checkbox"/>	Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)		
		TEL: 886-3-327-0868		
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH25-HY	Simon Cheng	23.2~23.8°C / 50~56%	26/Sep/2023~24/Oct/2023

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
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMTool_REL_3_2_1_3
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Non-Beamforming_Radio 1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	80
2437MHz	80
2462MHz	80
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	65
2417MHz	76
2437MHz	80
2457MHz	74
2462MHz	70
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	58
2417MHz	67
2437MHz	80
2457MHz	64
2462MHz	56
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	65
2427MHz	68
2437MHz	72
2447MHz	66
2452MHz	66



Non-Beamforming_Radio 2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	80
2437MHz	80
2462MHz	80
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	70
2417MHz	78
2437MHz	80
2457MHz	77
2462MHz	68
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	59
2417MHz	75
2437MHz	80
2457MHz	71
2462MHz	59
802.11ax HEW40_Nss1,(MCS0)_1TX	-
2422MHz	63
2427MHz	68
2437MHz	70
2447MHz	66
2452MHz	65
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	80
2437MHz	80
2457MHz	80
2462MHz	79
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	66
2417MHz	72
2437MHz	80
2457MHz	73
2462MHz	69
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	58
2417MHz	68
2437MHz	80
2457MHz	72
2462MHz	59
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	63



2427MHz	66
2437MHz	70
2447MHz	63
2452MHz	63

Beamforming_Radio 1

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	58
2417MHz	67
2437MHz	80
2457MHz	64
2462MHz	56
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	65
2427MHz	68
2437MHz	72
2447MHz	66
2452MHz	66




Beamforming_Radio 2

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	58
2417MHz	68
2437MHz	80
2457MHz	72
2462MHz	59
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	63
2427MHz	66
2437MHz	70
2447MHz	63
2452MHz	63

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	CTX
1	PoE Mode

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		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	Radio 1 Radio 2_2TX	Radio 2_1TX	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
2	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
3	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Zigbee
4	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Zigbee
5	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Thread
6	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Thread
Refer to Sporton Test Report No.: FA391129 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
Bracket	Brand Name	Juniper	Model Name	APOUTBR-FM2

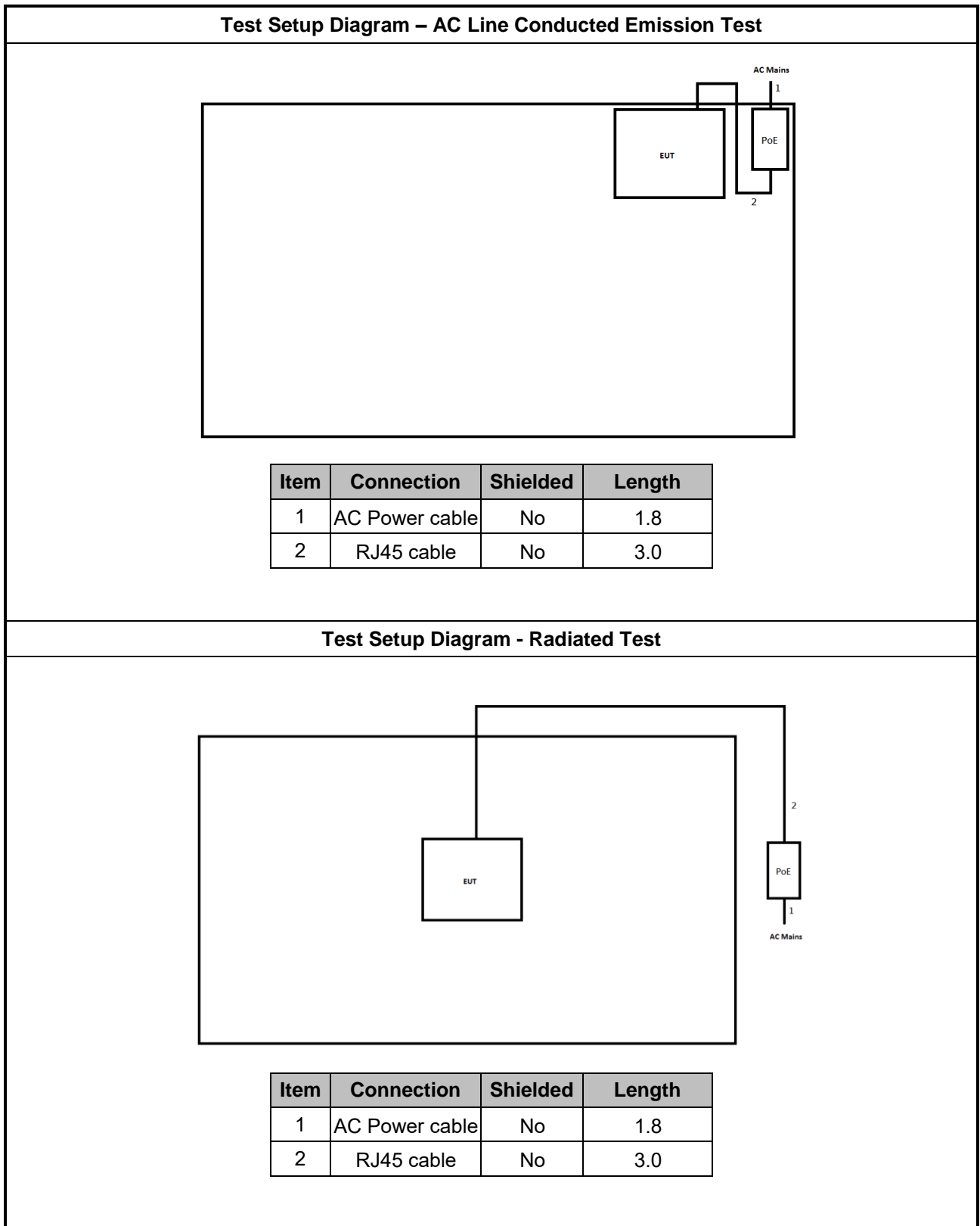
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	PHIHONG	POE60U-1BT-5	-	-
2	RJ45 cable	Power sync	CAT-6E-03	-	-
3	AC Power Cable	Power sync	PW-GPC180-3	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

2.5 Test Setup Diagram





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

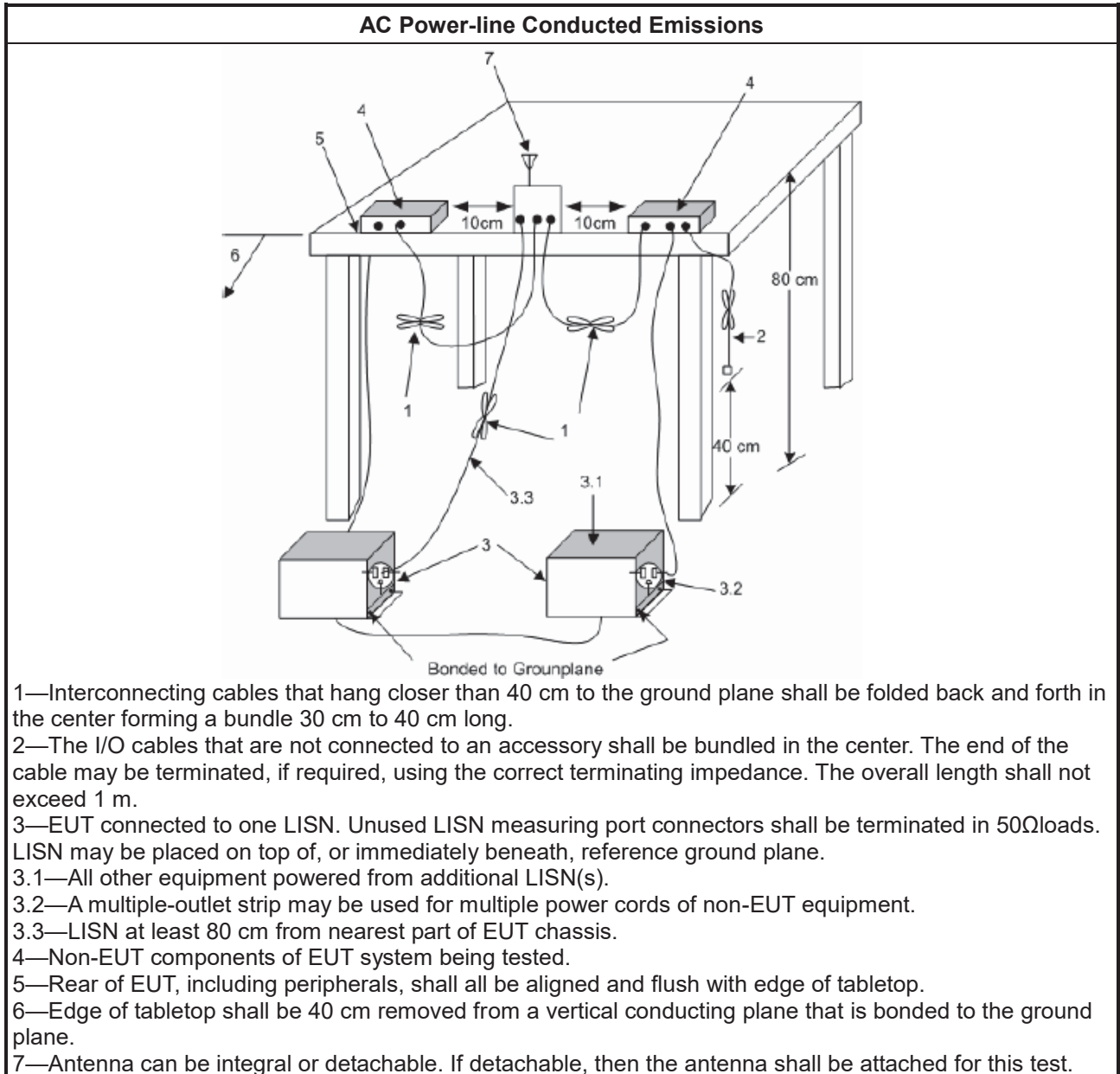
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



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 \geq 500 kHz.

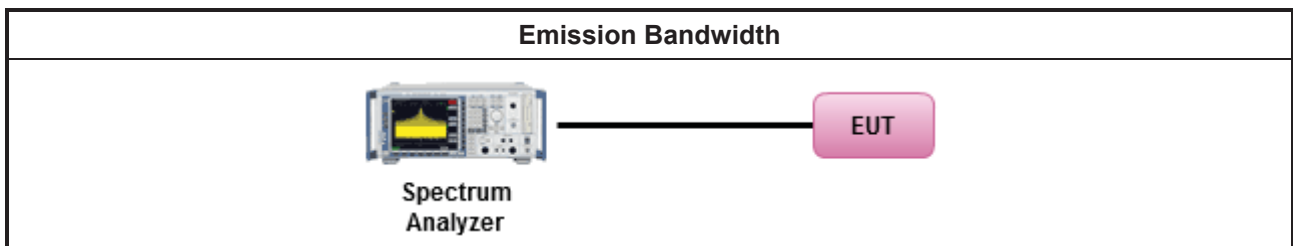
3.2.2 Measuring Instruments

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:
<input checked="" type="checkbox"/>	Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/>	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



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	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:	
	<ul style="list-style-type: none"> ▪ 2400-2483.5 MHz Band
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS)
	<ul style="list-style-type: none"> - Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ 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.	

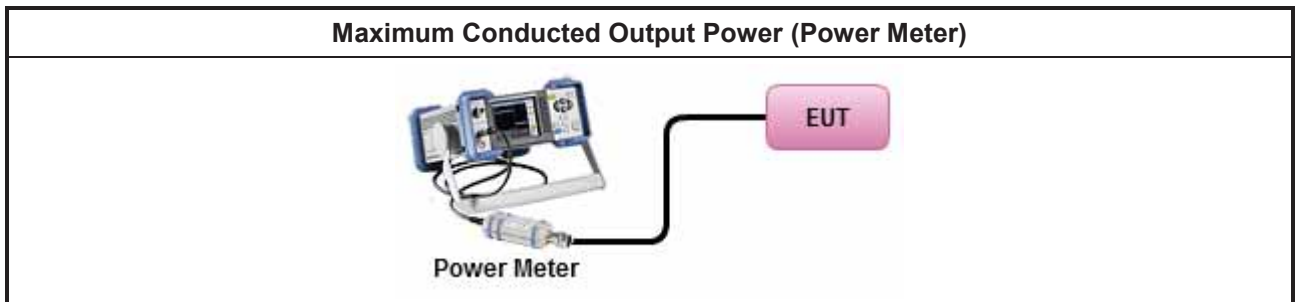
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
<ul style="list-style-type: none"> ▪ Maximum Average Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: Refer as 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. 	
<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.3.4 Test Setup



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
<ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz

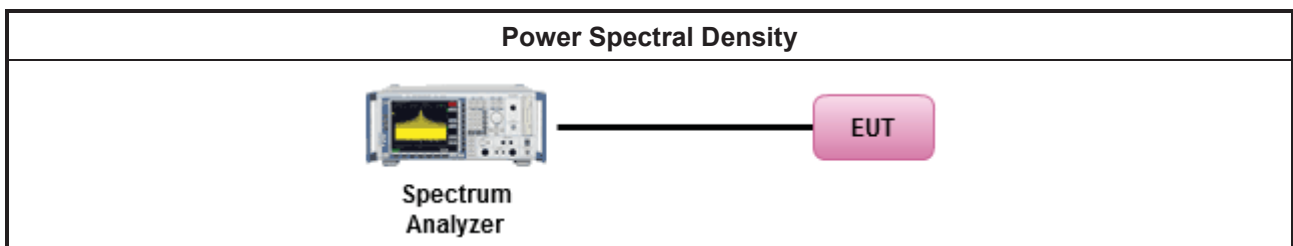
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> 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). 	
<input checked="" type="checkbox"/> Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.	
<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> Measure and sum the spectra across the outputs. Refer as 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. 	

3.4.4 Test Setup



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 (dB)
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 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 level.

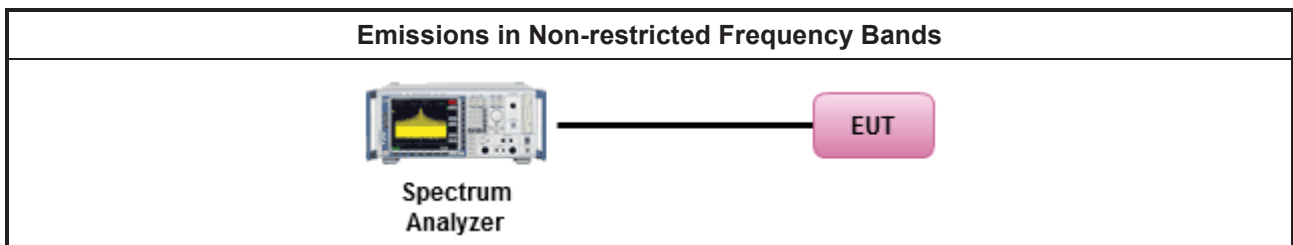
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



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

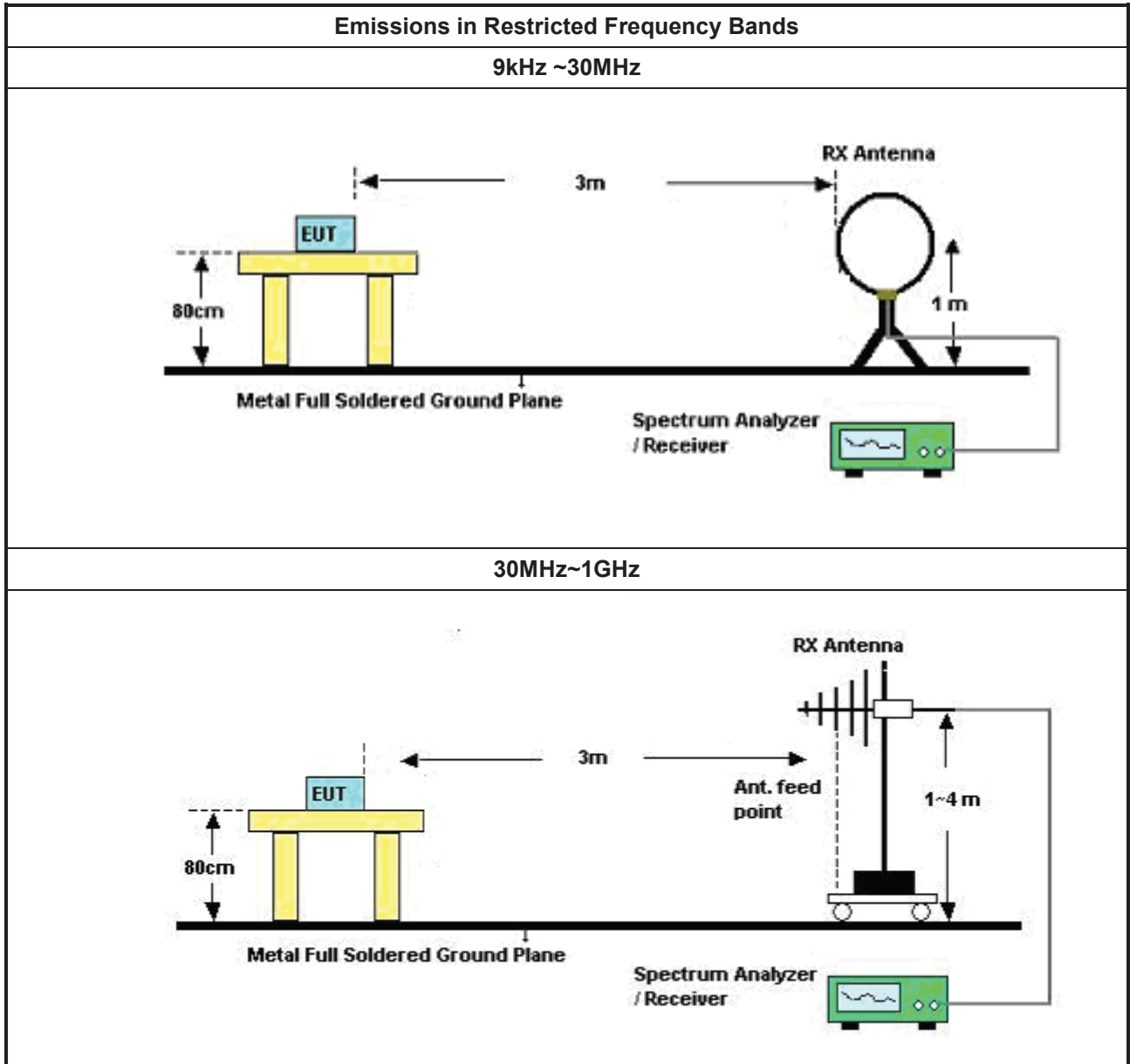
Test Method	
	<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor].
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below:
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
	<ul style="list-style-type: none"> ▪ For the transmitter band-edge emissions shall be measured using following options below:
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074 clause 8.7.1, 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.
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
	<ul style="list-style-type: none"> ▪ Use the following spectrum analyzer settings:
	<ul style="list-style-type: none"> ▪ Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> ▪ Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
	<ul style="list-style-type: none"> ▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	<ul style="list-style-type: none"> ▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	<ul style="list-style-type: none"> ▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

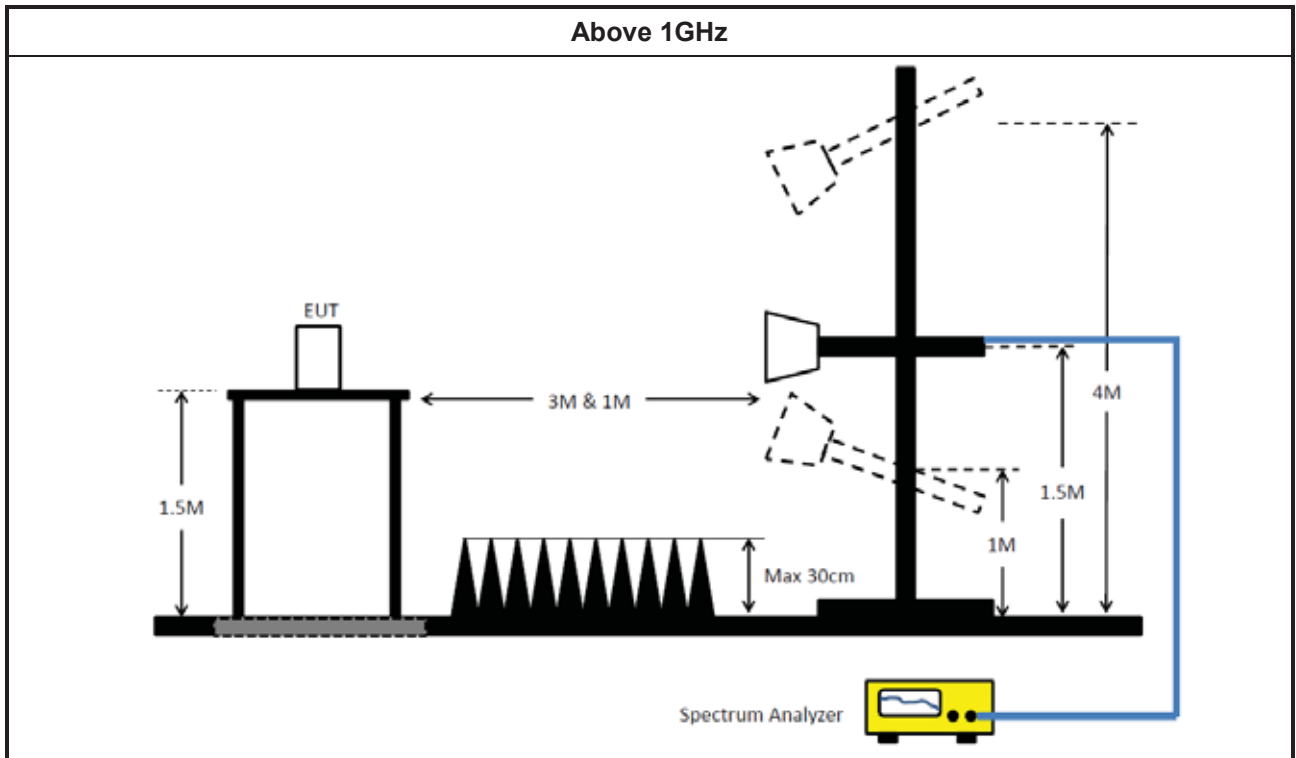
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.6.5 Test Setup





3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	07/Sep/2023	06/Sep/2024
RF Cable 5m	TITAN	RG142	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Pulse Limiter	R&S	EHS3-Z2	100920	9kHz ~ 30MHz	19/Oct/2023	18/Oct/2024
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	10/Apr/2023	09/Apr/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	15/Feb/2023	14/Feb/2024
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	15/Feb/2023	14/Feb/2024
SENSE-15247_DTS	Sporton	V5.11.10	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH25-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	03/Aug/2023	02/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	31/May/2023	30/May/2024
Preamplifier	SGH	PRAMP 903	20230515-1	30MHz~1GHz	25/May/2023	24/May/2024
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	25/May/2023	24/May/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	24/Apr/2023	23/Apr/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2023	23/Apr/2024
Amplifier	EM	EM18G40G	060604	18GHz~40GHz	16/Mar/2023	15/Mar/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	29/Dec/2022	28/Dec/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
SENSE-15247_DTS	Sporton	V5.11.10	N/A	N/A	N/A	N/A



Instrument for Radiated Test (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	17/Aug/2023	16/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	03/Aug/2023	02/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	10/Aug/2023	09/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	17/Aug/2023	16/Aug/2024
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	17/Apr/2023	16/Apr/2024
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	26/Apr/2023	25/Apr/2024
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	10/Aug/2023	09/Aug/2024
Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	21/Jul/2023	20/Jul/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	1GHz~40GHz	21/Jul/2023	20/Jul/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	9kHz~1GHz	21/Jul/2023	20/Jul/2024
Amplifier	EM	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	29/Dec/2022	28/Dec/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
SENSE-15247-FS	Sporton	V5.11.2	NA	NA	NA	NA



Summary

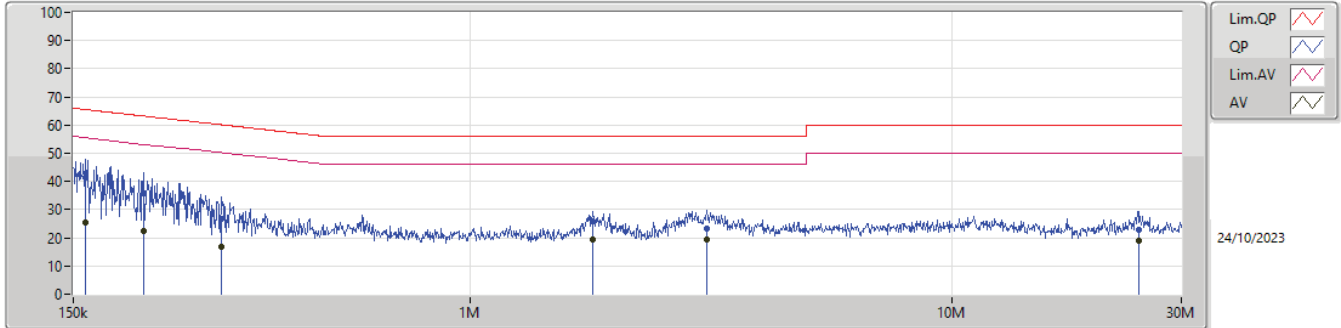
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.361k	42.21	65.60	-23.39	Neutral



Result

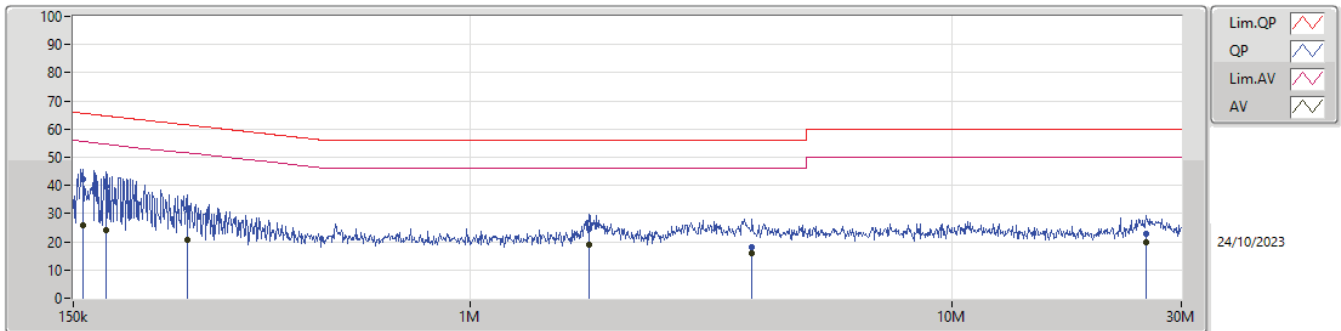
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159.256k	41.57	65.50	-23.93	Line
Mode 1	Pass	AV	159.256k	25.37	55.50	-30.13	Line
Mode 1	Pass	QP	209.76k	35.82	63.21	-27.39	Line
Mode 1	Pass	AV	209.76k	22.24	53.21	-30.97	Line
Mode 1	Pass	QP	304.059k	26.75	60.13	-33.38	Line
Mode 1	Pass	AV	304.059k	16.71	50.13	-33.42	Line
Mode 1	Pass	QP	1.797M	25.95	56.00	-30.05	Line
Mode 1	Pass	AV	1.797M	19.57	46.00	-26.43	Line
Mode 1	Pass	QP	3.104M	23.24	56.00	-32.76	Line
Mode 1	Pass	AV	3.104M	19.24	46.00	-26.76	Line
Mode 1	Pass	QP	24.549M	22.95	60.00	-37.05	Line
Mode 1	Pass	AV	24.549M	18.85	50.00	-31.15	Line
Mode 1	Pass	QP	157.361k	42.21	65.60	-23.39	Neutral
Mode 1	Pass	AV	157.361k	25.90	55.60	-29.70	Neutral
Mode 1	Pass	QP	175.269k	39.75	64.70	-24.95	Neutral
Mode 1	Pass	AV	175.269k	24.26	54.70	-30.44	Neutral
Mode 1	Pass	QP	258.152k	31.70	61.49	-29.79	Neutral
Mode 1	Pass	AV	258.152k	20.74	51.49	-30.75	Neutral
Mode 1	Pass	QP	1.768M	24.61	56.00	-31.39	Neutral
Mode 1	Pass	AV	1.768M	18.93	46.00	-27.07	Neutral
Mode 1	Pass	QP	3.851M	18.12	56.00	-37.88	Neutral
Mode 1	Pass	AV	3.851M	16.15	46.00	-29.85	Neutral
Mode 1	Pass	QP	25.346M	22.85	60.00	-37.15	Neutral
Mode 1	Pass	AV	25.346M	19.89	50.00	-30.11	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	159.256k	41.57	65.50	-23.93	19.38	Line	-	22.19	9.57	0.03	9.78
AV	159.256k	25.37	55.50	-30.13	19.38	Line	-	5.99	9.57	0.03	9.78
QP	209.76k	35.82	63.21	-27.39	19.33	Line	-	16.49	9.56	0.03	9.74
AV	209.76k	22.24	53.21	-30.97	19.33	Line	-	2.91	9.56	0.03	9.74
QP	304.059k	26.75	60.13	-33.38	19.34	Line	-	7.41	9.57	0.04	9.73
AV	304.059k	16.71	50.13	-33.42	19.34	Line	-	-2.63	9.57	0.04	9.73
QP	1.797M	25.95	56.00	-30.05	19.46	Line	-	6.49	9.58	0.08	9.80
AV	1.797M	19.57	46.00	-26.43	19.46	Line	-	0.11	9.58	0.08	9.80
QP	3.104M	23.24	56.00	-32.76	19.54	Line	-	3.70	9.59	0.11	9.84
AV	3.104M	19.24	46.00	-26.76	19.54	Line	-	-0.30	9.59	0.11	9.84
QP	24.549M	22.95	60.00	-37.05	20.03	Line	-	2.92	9.74	0.31	9.98
AV	24.549M	18.85	50.00	-31.15	20.03	Line	-	-1.18	9.74	0.31	9.98

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	157.361k	42.21	65.60	-23.39	19.43	Neutral	-	22.78	9.62	0.03	9.78
AV	157.361k	25.90	55.60	-29.70	19.43	Neutral	-	6.47	9.62	0.03	9.78
QP	175.269k	39.75	64.70	-24.95	19.41	Neutral	-	20.34	9.62	0.03	9.76
AV	175.269k	24.26	54.70	-30.44	19.41	Neutral	-	4.85	9.62	0.03	9.76
QP	258.152k	31.70	61.49	-29.79	19.39	Neutral	-	12.31	9.62	0.03	9.74
AV	258.152k	20.74	51.49	-30.75	19.39	Neutral	-	1.35	9.62	0.03	9.74
QP	1.768M	24.61	56.00	-31.39	19.51	Neutral	-	5.10	9.64	0.07	9.80
AV	1.768M	18.93	46.00	-27.07	19.51	Neutral	-	-0.58	9.64	0.07	9.80
QP	3.851M	18.12	56.00	-37.88	19.64	Neutral	-	-1.52	9.66	0.13	9.85
AV	3.851M	16.15	46.00	-29.85	19.64	Neutral	-	-3.49	9.66	0.13	9.85
QP	25.346M	22.85	60.00	-37.15	20.32	Neutral	-	2.53	10.04	0.31	9.97
AV	25.346M	19.89	50.00	-30.11	20.32	Neutral	-	-0.43	10.04	0.31	9.97



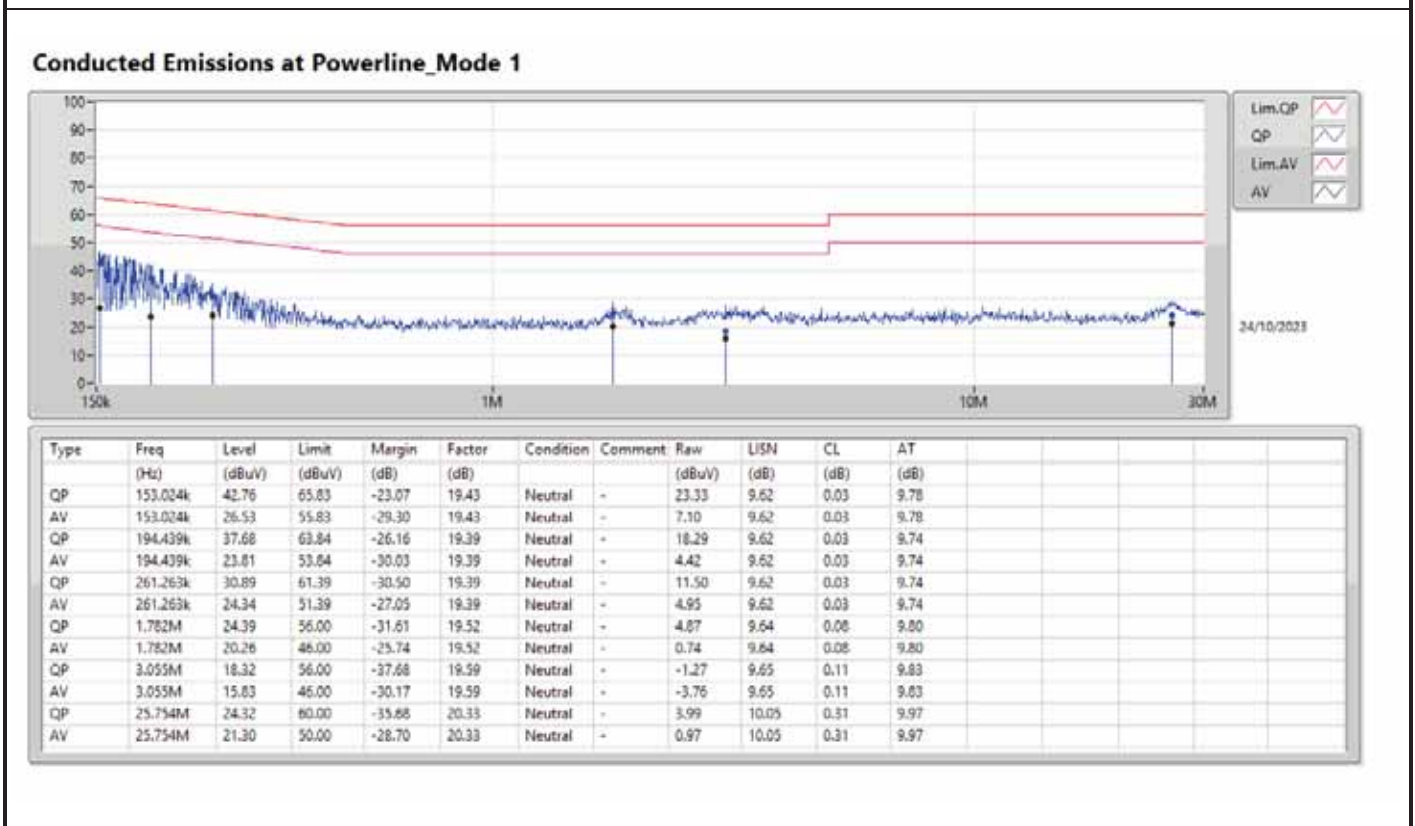
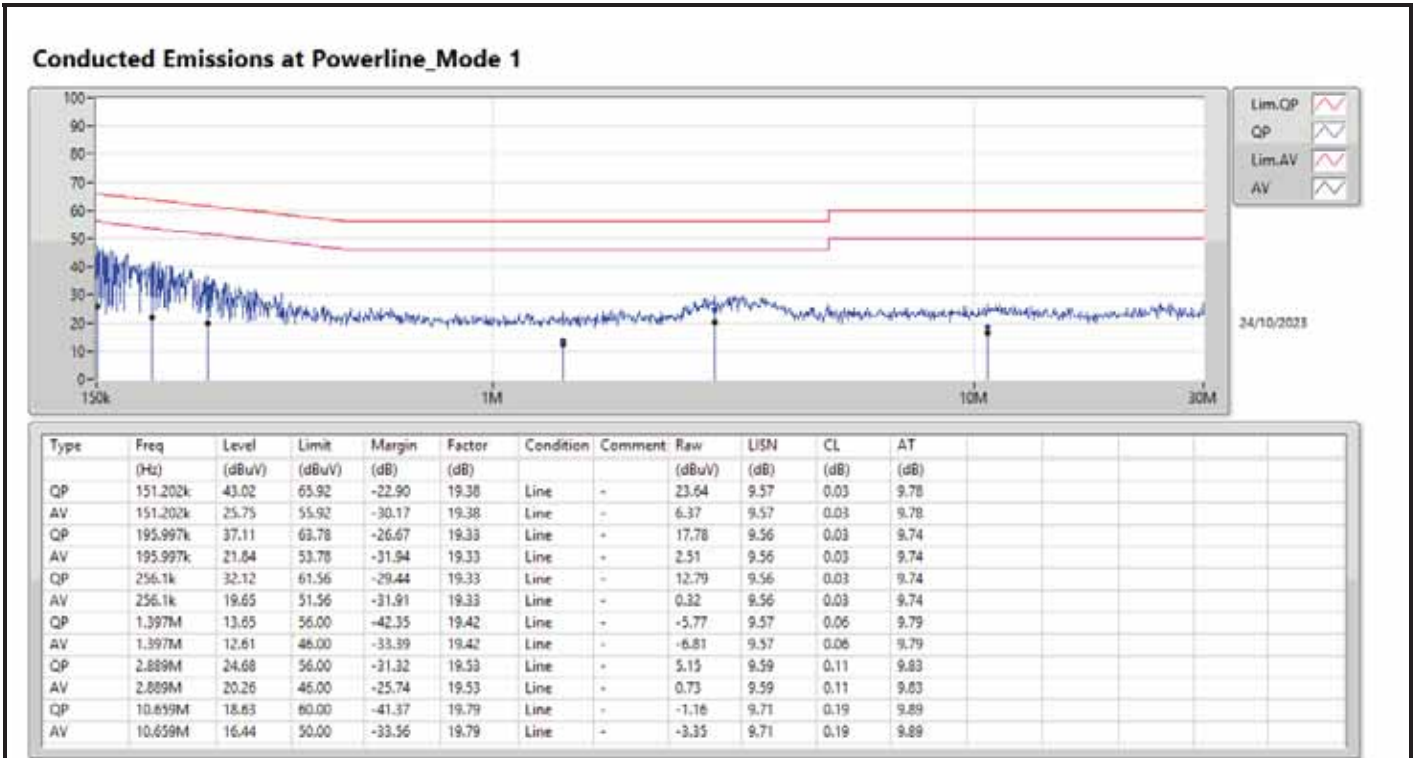
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.202k	43.02	65.92	-22.90	Line



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.202k	43.02	65.92	-22.90	Line
Mode 1	Pass	AV	151.202k	25.75	55.92	-30.17	Line
Mode 1	Pass	QP	195.997k	37.11	63.78	-26.67	Line
Mode 1	Pass	AV	195.997k	21.84	53.78	-31.94	Line
Mode 1	Pass	QP	256.1k	32.12	61.56	-29.44	Line
Mode 1	Pass	AV	256.1k	19.65	51.56	-31.91	Line
Mode 1	Pass	QP	1.397M	13.65	56.00	-42.35	Line
Mode 1	Pass	AV	1.397M	12.61	46.00	-33.39	Line
Mode 1	Pass	QP	2.889M	24.68	56.00	-31.32	Line
Mode 1	Pass	AV	2.889M	20.26	46.00	-25.74	Line
Mode 1	Pass	QP	10.659M	18.63	60.00	-41.37	Line
Mode 1	Pass	AV	10.659M	16.44	50.00	-33.56	Line
Mode 1	Pass	QP	153.024k	42.76	65.83	-23.07	Neutral
Mode 1	Pass	AV	153.024k	26.53	55.83	-29.30	Neutral
Mode 1	Pass	QP	194.439k	37.68	63.84	-26.16	Neutral
Mode 1	Pass	AV	194.439k	23.81	53.84	-30.03	Neutral
Mode 1	Pass	QP	261.263k	30.89	61.39	-30.50	Neutral
Mode 1	Pass	AV	261.263k	24.34	51.39	-27.05	Neutral
Mode 1	Pass	QP	1.782M	24.39	56.00	-31.61	Neutral
Mode 1	Pass	AV	1.782M	20.26	46.00	-25.74	Neutral
Mode 1	Pass	QP	3.055M	18.32	56.00	-37.68	Neutral
Mode 1	Pass	AV	3.055M	15.83	46.00	-30.17	Neutral
Mode 1	Pass	QP	25.754M	24.32	60.00	-35.68	Neutral
Mode 1	Pass	AV	25.754M	21.30	50.00	-28.70	Neutral





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.05M	10.39M	10M4G1D	6.1M	10.225M
802.11g_Nss1,(6Mbps)_2TX	16.5M	16.712M	16M7D1D	16.375M	16.558M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.175M	19.115M	19M1D1D	18.975M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.7M	37.631M	37M6D1D	35.8M	37.381M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.1M	10.345M	6.1M	10.225M
2437MHz	Pass	500k	8.05M	10.39M	6.1M	10.345M
2462MHz	Pass	500k	7.05M	10.36M	7.525M	10.3M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.475M	16.558M	16.45M	16.624M
2437MHz	Pass	500k	16.475M	16.712M	16.5M	16.646M
2462MHz	Pass	500k	16.375M	16.646M	16.375M	16.558M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.1M	19.115M	19.075M	18.966M
2437MHz	Pass	500k	19.175M	19.015M	19.1M	19.015M
2462MHz	Pass	500k	19.075M	19.09M	18.975M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.6M	37.531M	35.8M	37.431M
2437MHz	Pass	500k	37.7M	37.631M	37.45M	37.531M
2452MHz	Pass	500k	37.25M	37.581M	37M	37.381M

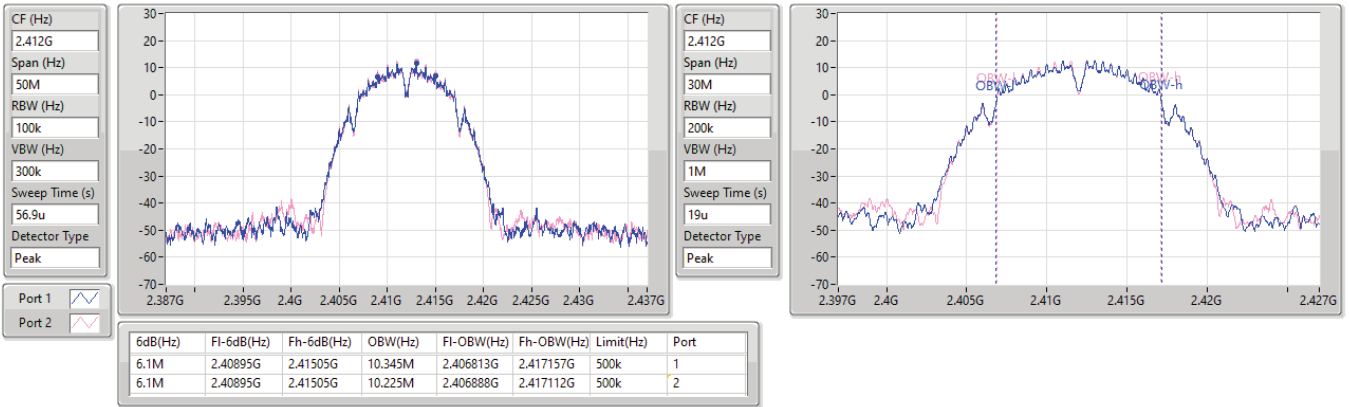
Port X-N dB = Port X 6dB down bandwidth;
 Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

05/10/2023

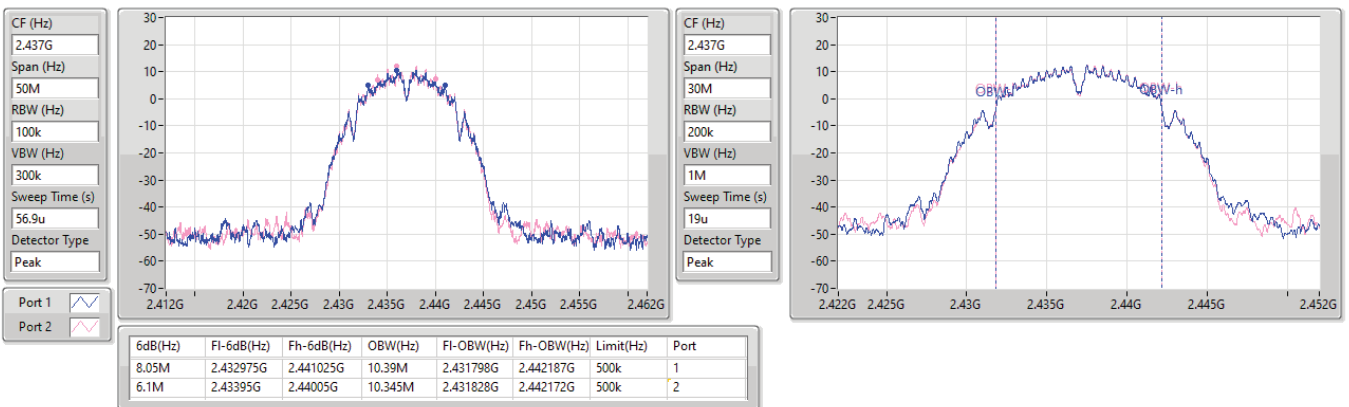


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

05/10/2023

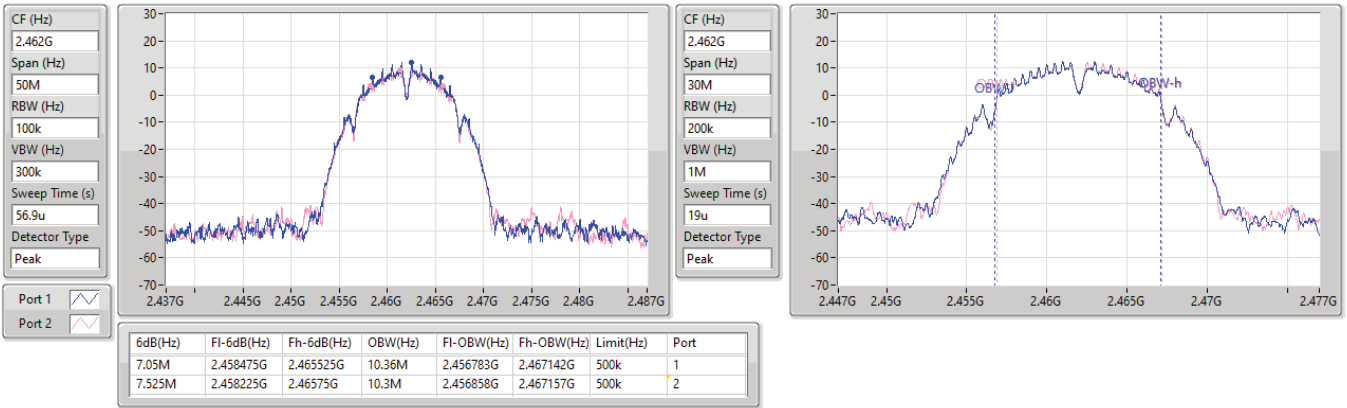


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

05/10/2023

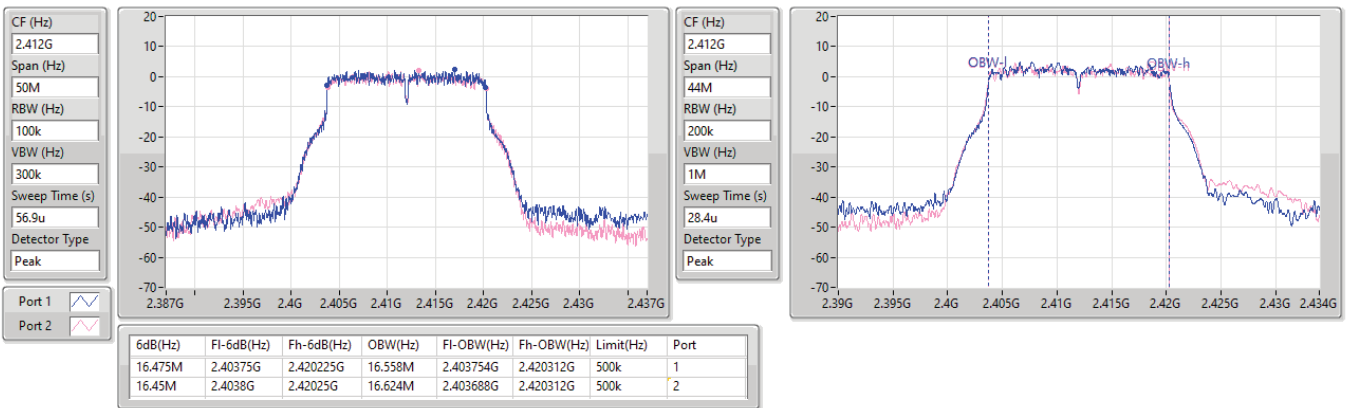


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

05/10/2023

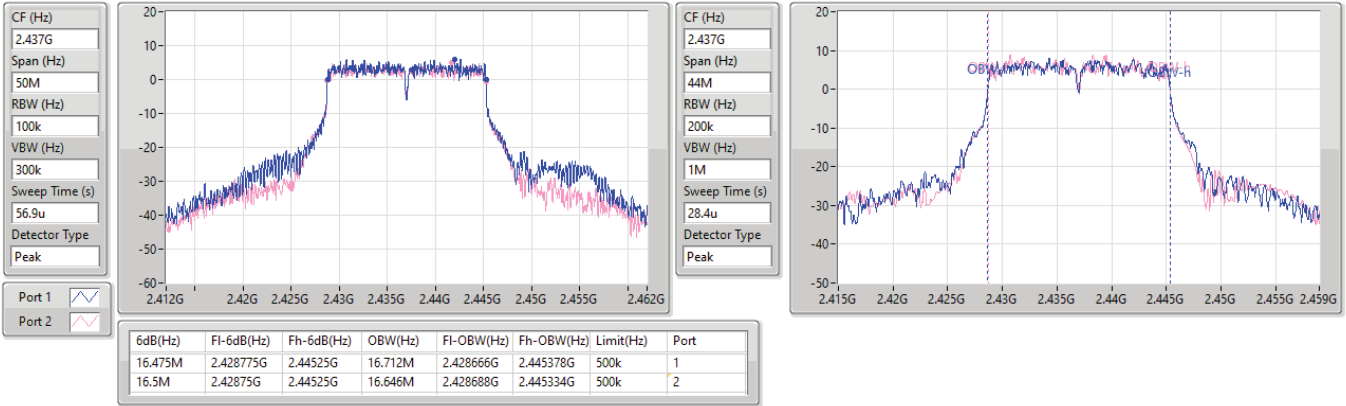


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

05/10/2023

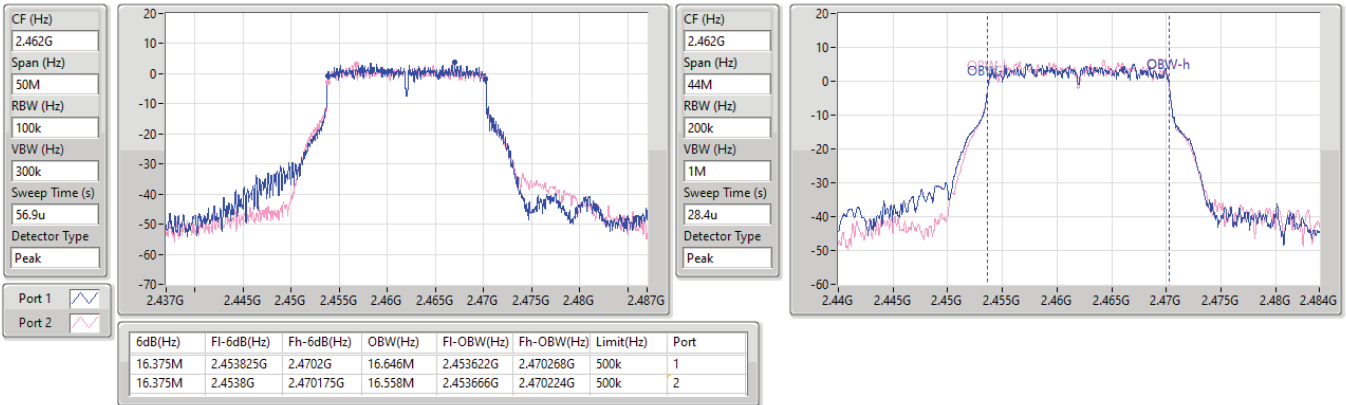


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

05/10/2023



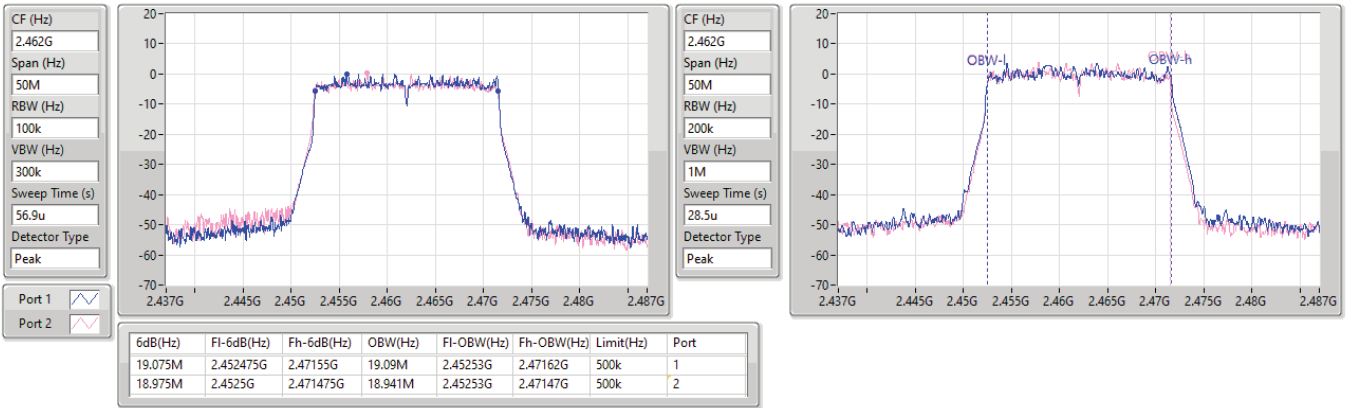


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

05/10/2023

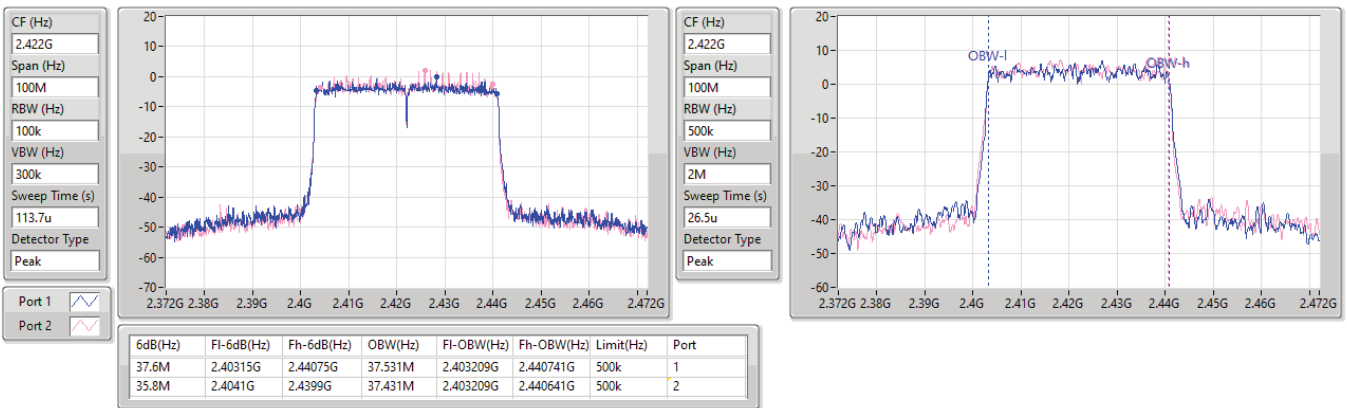


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

05/10/2023

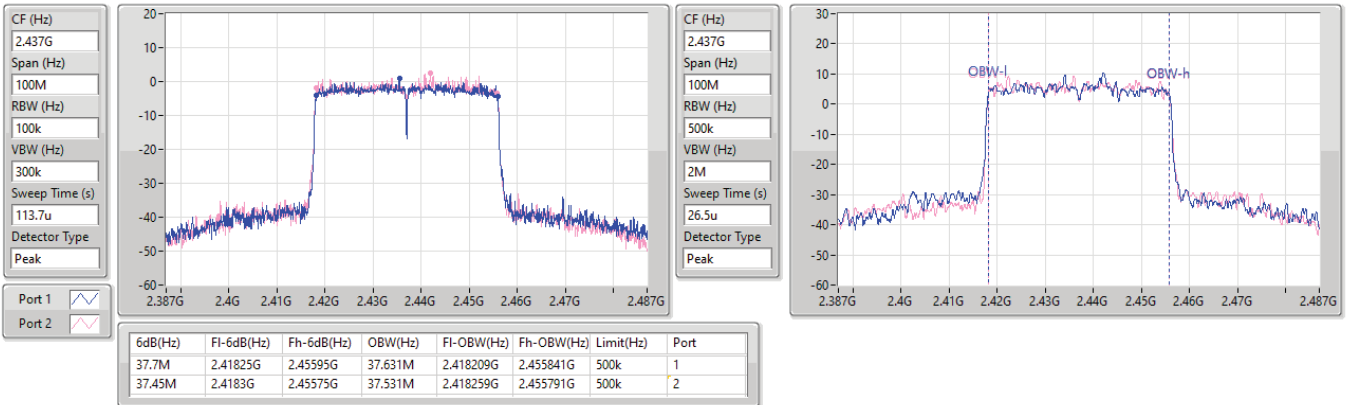


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

05/10/2023

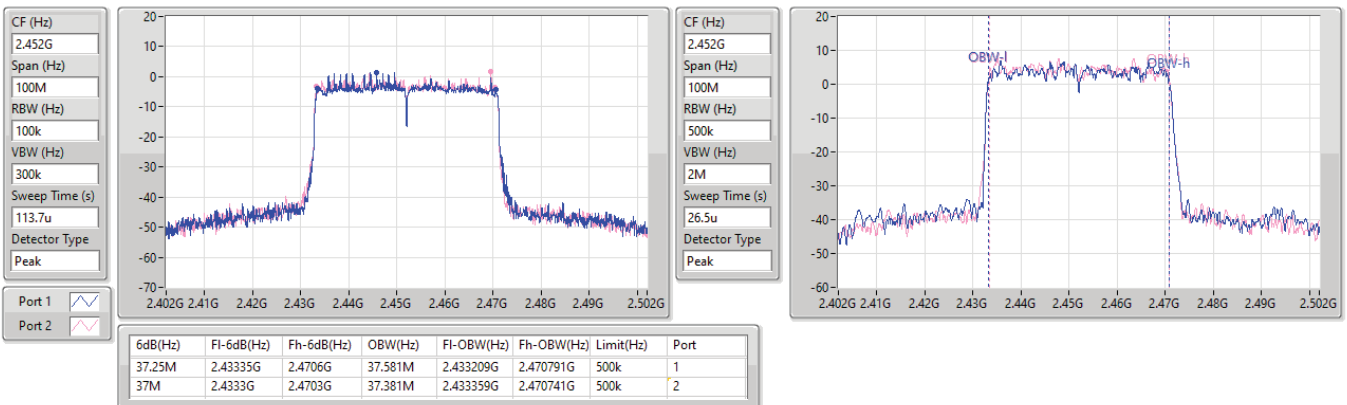


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

05/10/2023





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	8M	10.285M	10M3G1D	6.5M	10.24M
802.11g_Nss1,(6Mbps)_1TX	16.425M	16.734M	16M7D1D	16.4M	16.536M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.1M	18.991M	19M0D1D	18.95M	18.941M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.8M	37.581M	37M6D1D	36.85M	37.481M
802.11b_Nss1,(1Mbps)_2TX	7.4M	10.33M	10M3G1D	7.05M	10.21M
802.11g_Nss1,(6Mbps)_2TX	16.475M	16.8M	16M8D1D	16.4M	16.536M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.2M	19.04M	19M0D1D	18.95M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.75M	37.581M	37M6D1D	35.65M	37.431M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	10.24M		
2437MHz	Pass	500k	6.5M	10.285M		
2462MHz	Pass	500k	8M	10.285M		
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.425M	16.734M		
2437MHz	Pass	500k	16.4M	16.536M		
2462MHz	Pass	500k	16.425M	16.602M		
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.1M	18.966M		
2437MHz	Pass	500k	18.95M	18.941M		
2462MHz	Pass	500k	19M	18.991M		
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.85M	37.481M		
2437MHz	Pass	500k	37.8M	37.531M		
2452MHz	Pass	500k	37.4M	37.581M		
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	10.255M	7.2M	10.21M
2437MHz	Pass	500k	7.075M	10.315M	7.15M	10.33M
2462MHz	Pass	500k	7.05M	10.3M	7.4M	10.315M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.475M	16.8M	16.475M	16.58M
2437MHz	Pass	500k	16.425M	16.69M	16.475M	16.536M
2462MHz	Pass	500k	16.4M	16.756M	16.425M	16.558M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.95M	19.015M	19.2M	18.941M
2437MHz	Pass	500k	19.025M	19.04M	19.05M	18.991M
2462MHz	Pass	500k	19M	18.916M	18.975M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.7M	37.431M	37M	37.531M
2437MHz	Pass	500k	35.65M	37.481M	37.75M	37.531M
2452MHz	Pass	500k	37.6M	37.581M	35.7M	37.581M

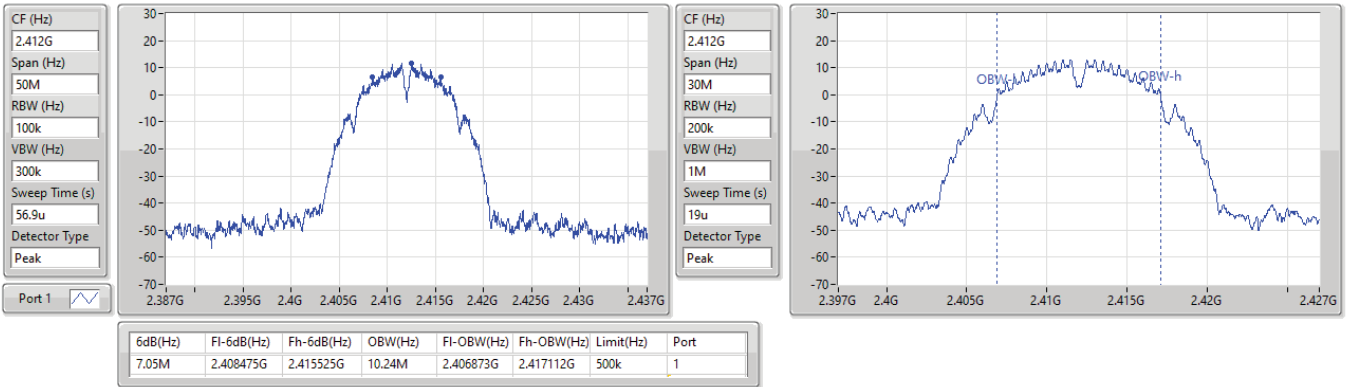
Port X-N dB = Port X 6dB down bandwidth:
 Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

05/10/2023

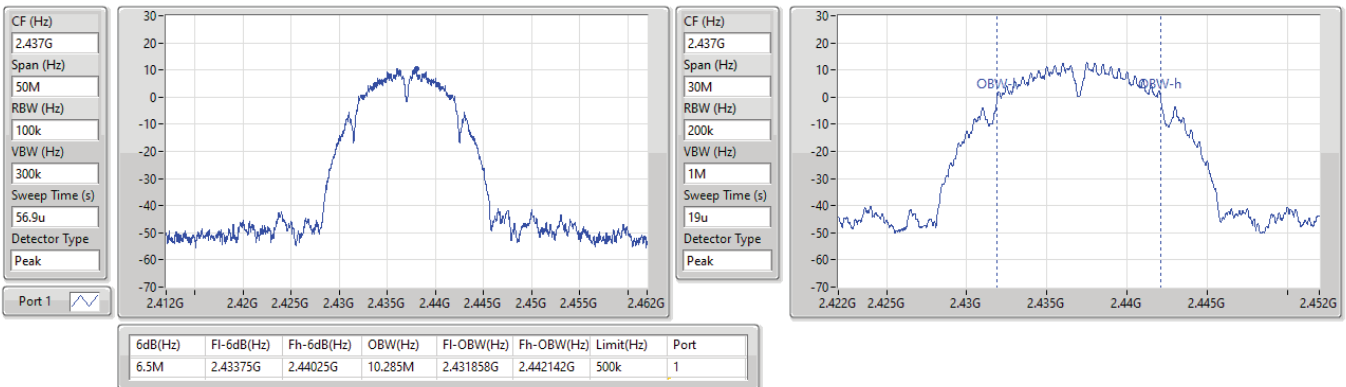


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

05/10/2023

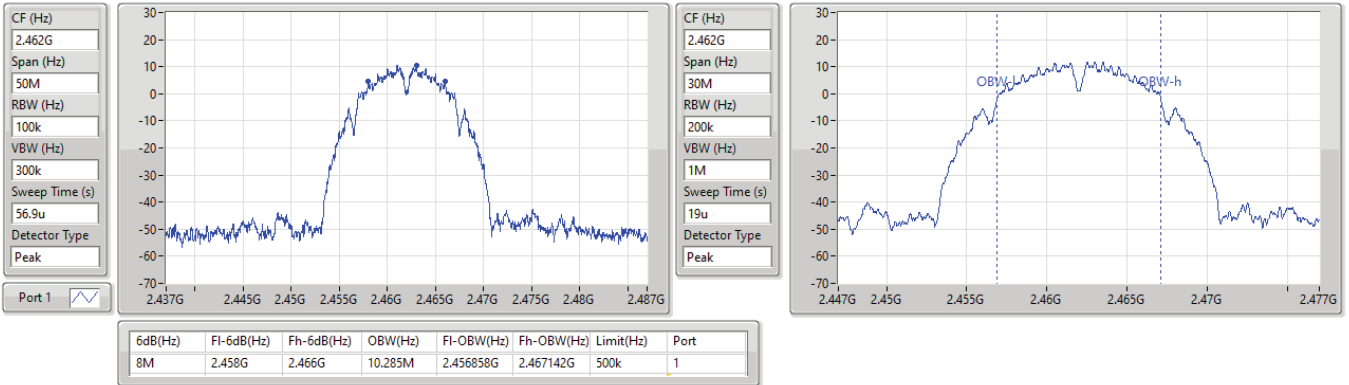


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

05/10/2023

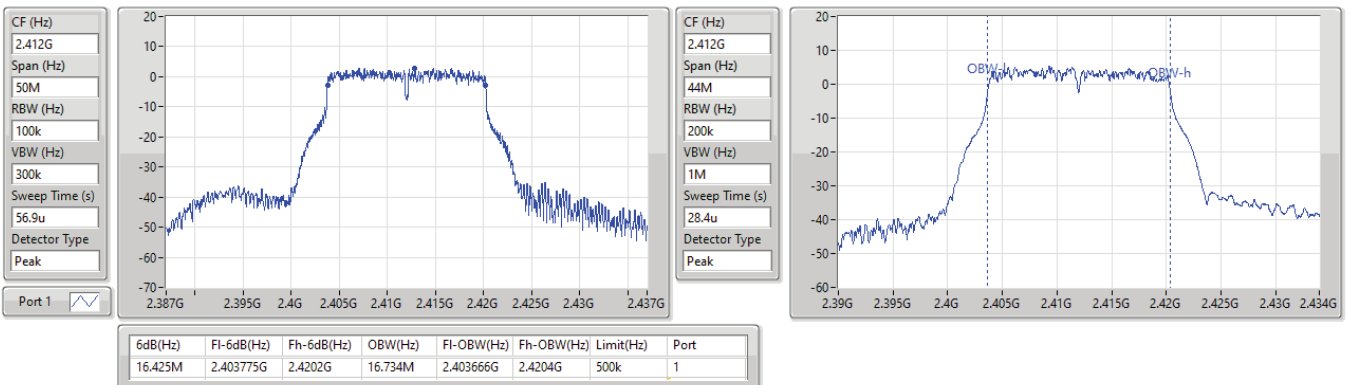


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

05/10/2023

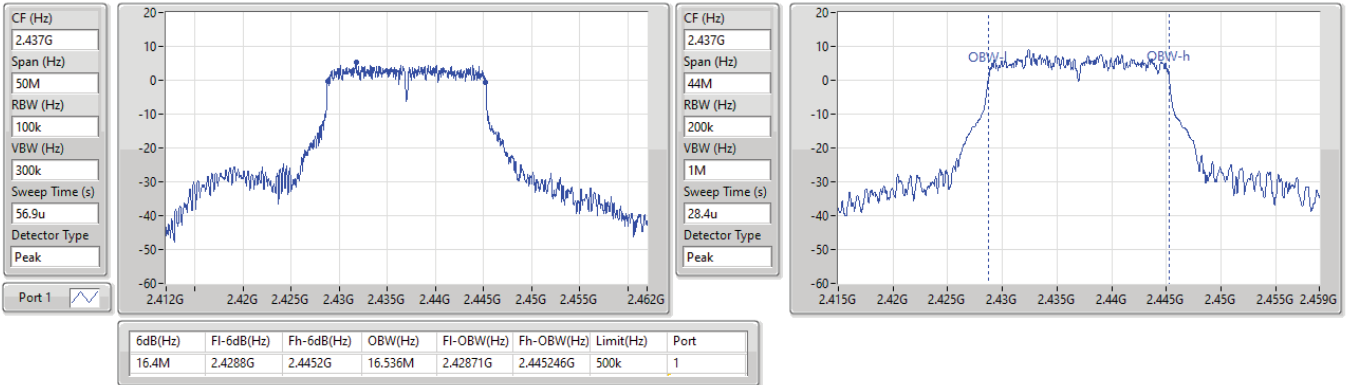


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

05/10/2023

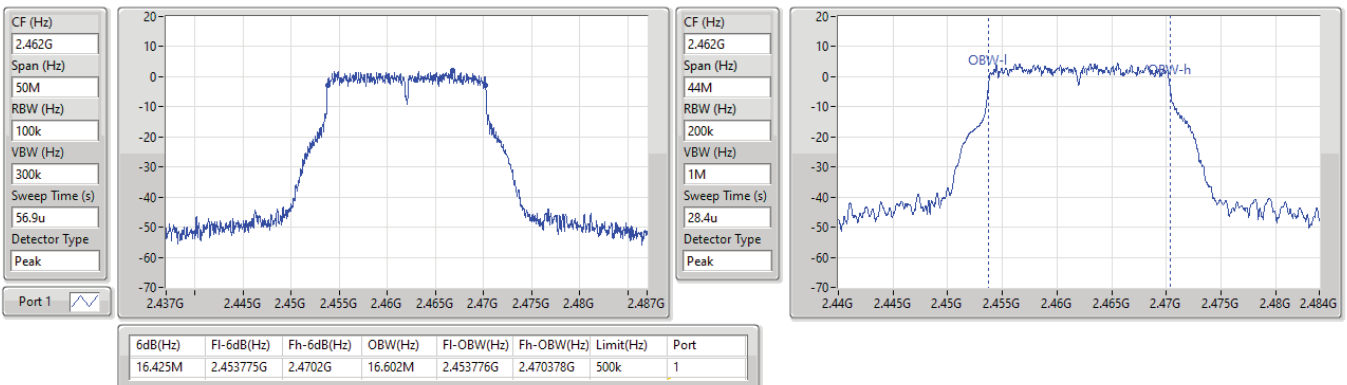


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

05/10/2023

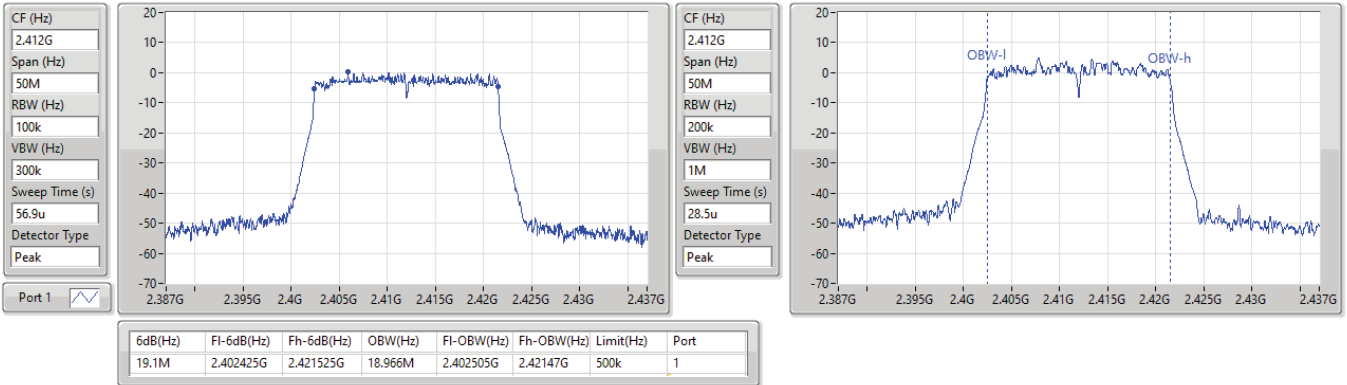


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2412MHz

05/10/2023

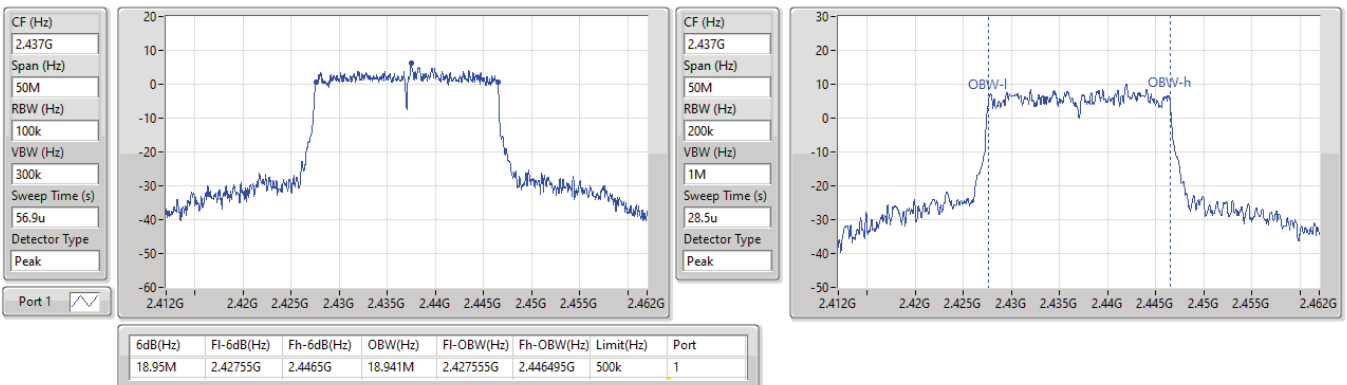


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2437MHz

05/10/2023

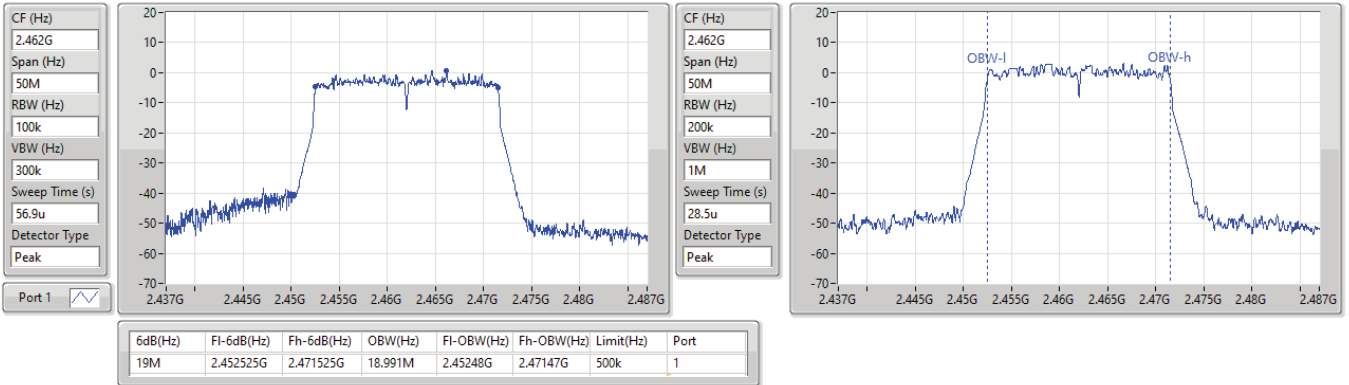


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2462MHz

05/10/2023

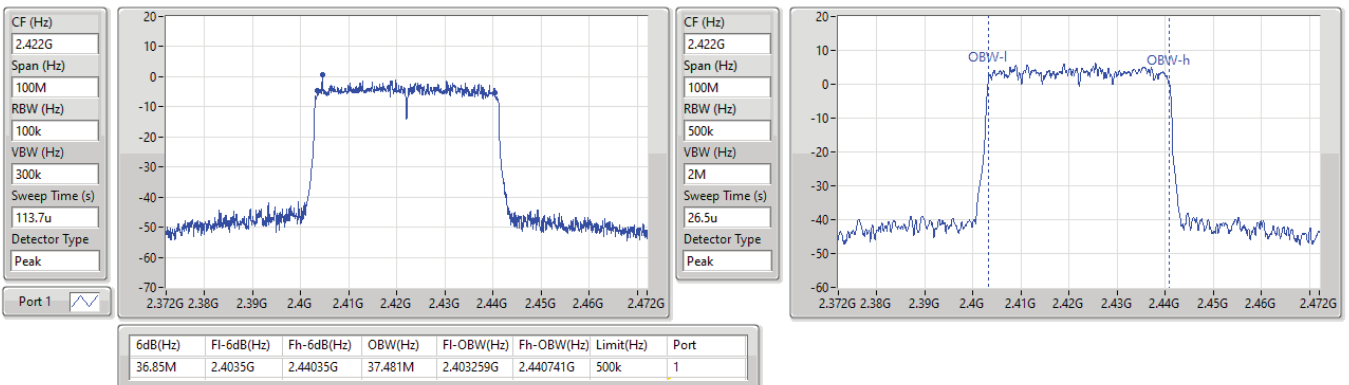


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

2422MHz

05/10/2023

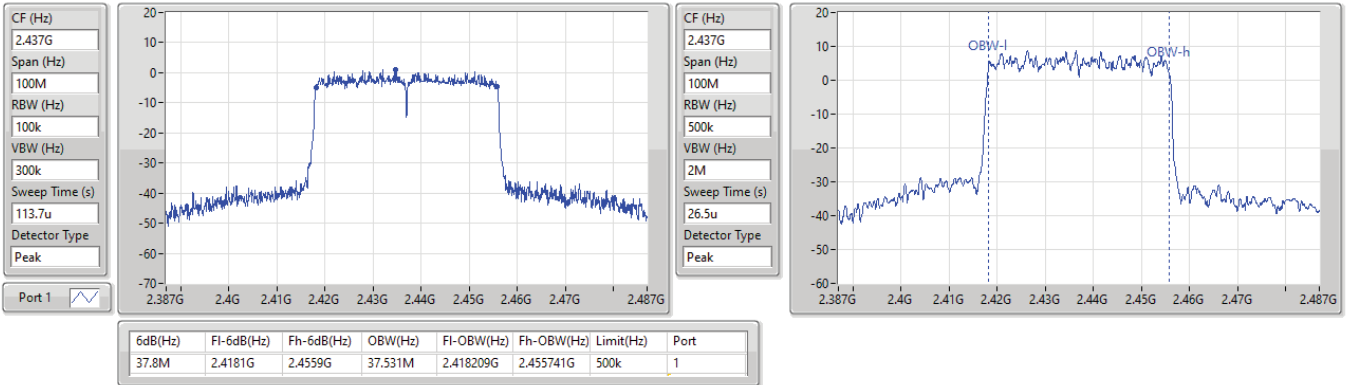


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

2437MHz

05/10/2023

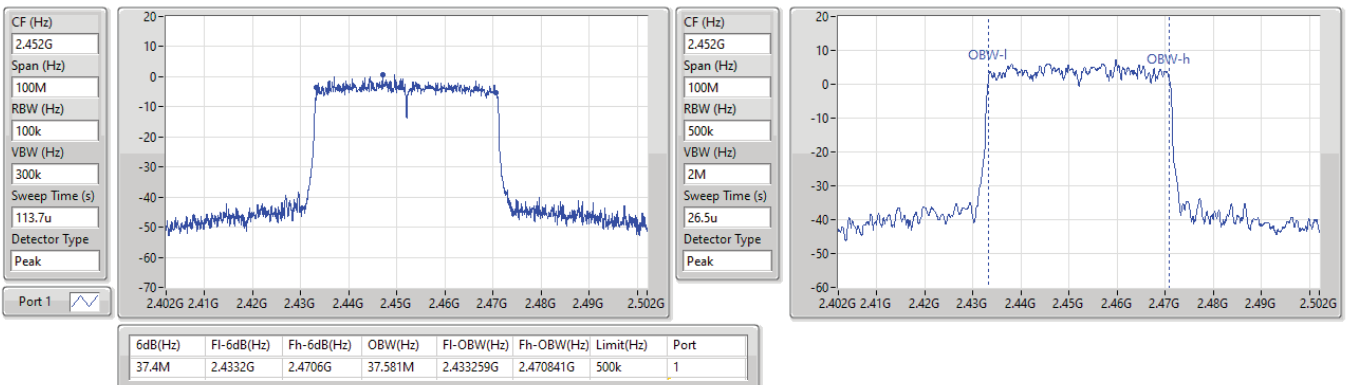


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

2452MHz

05/10/2023

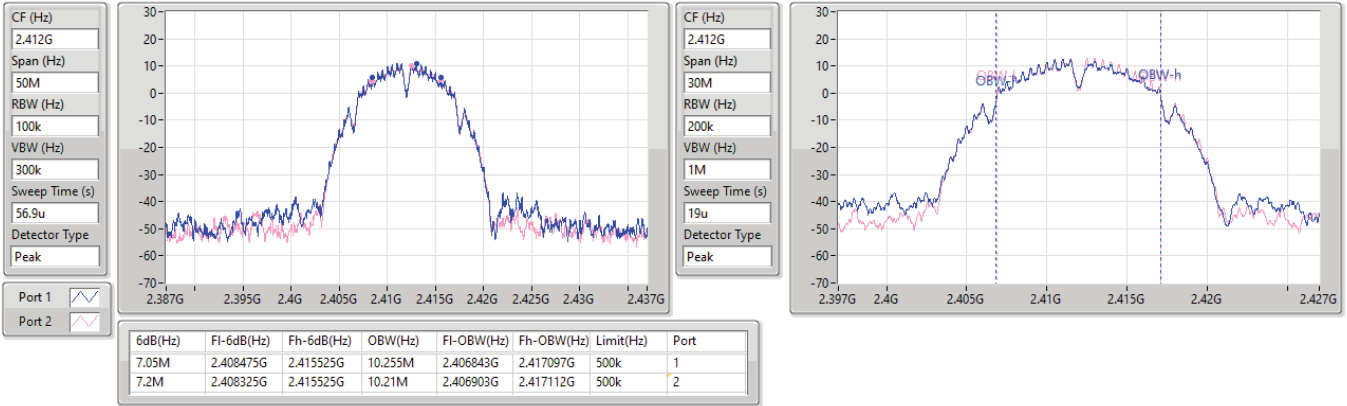


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

05/10/2023

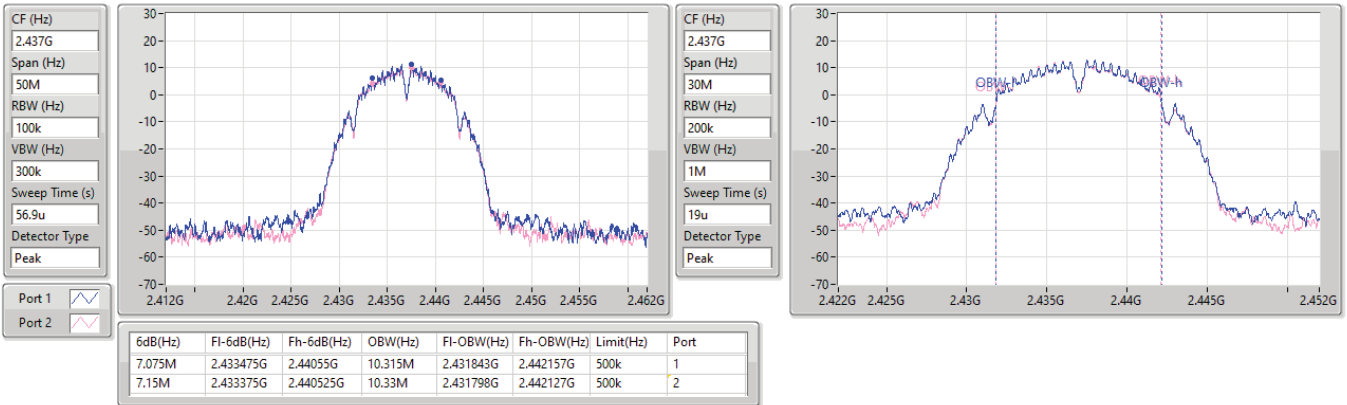


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

05/10/2023

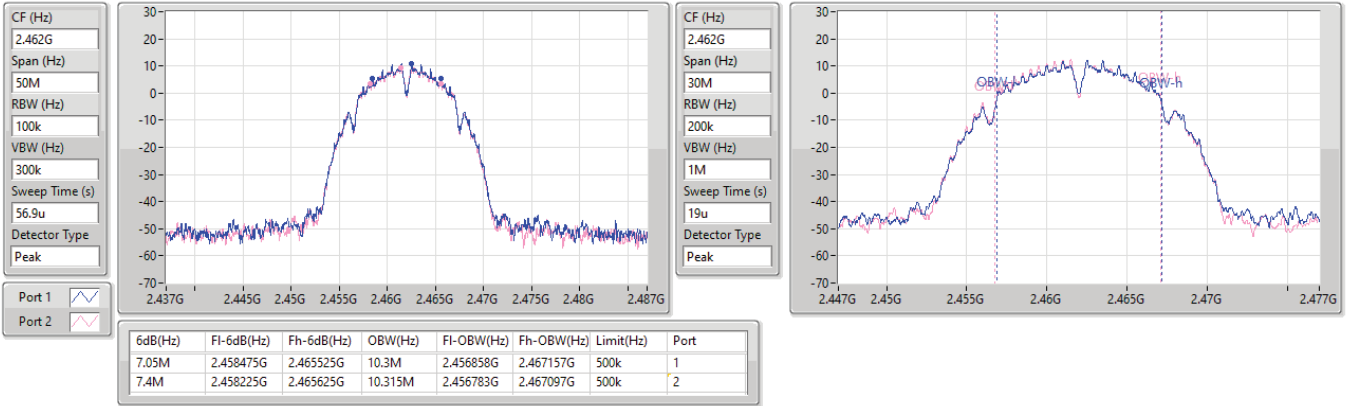


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

05/10/2023

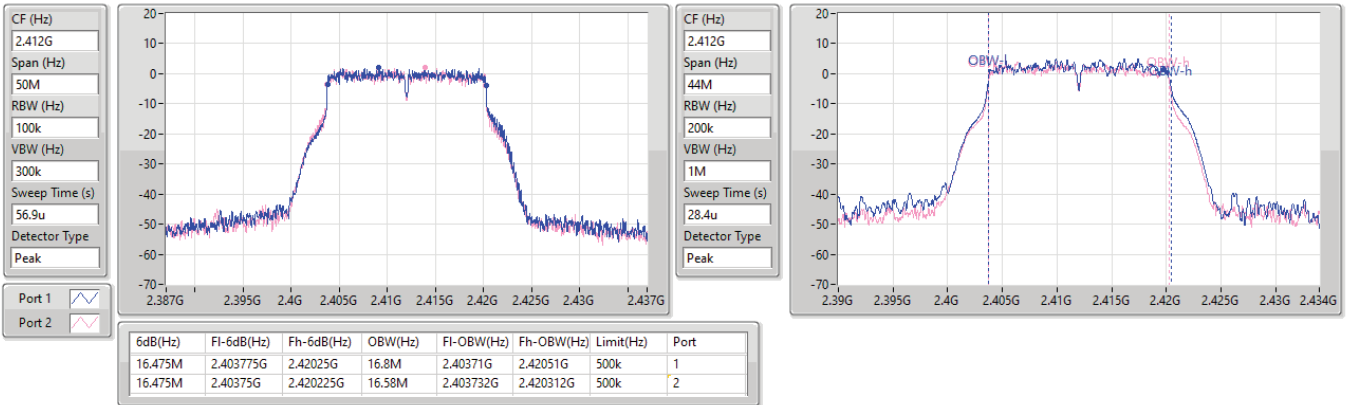


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

05/10/2023

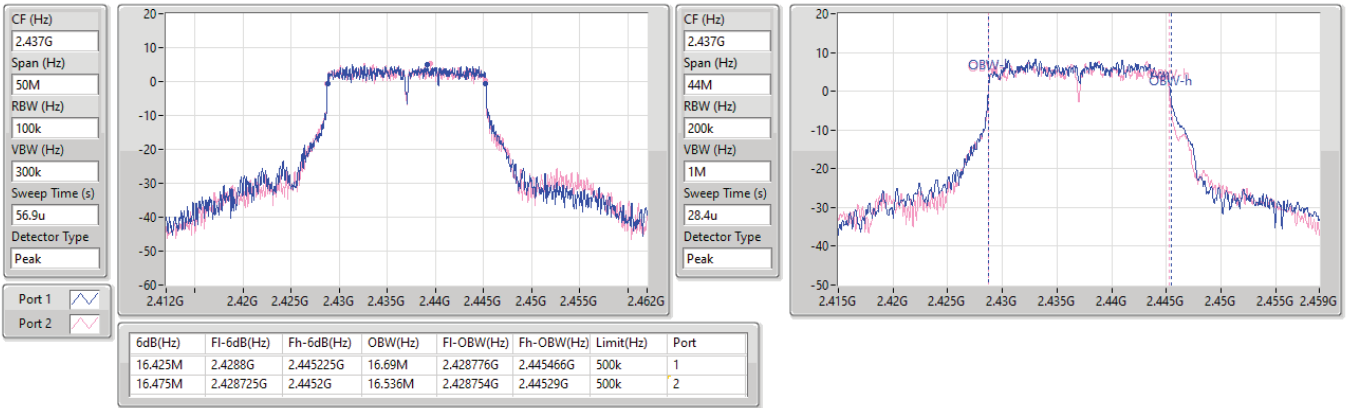


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

05/10/2023

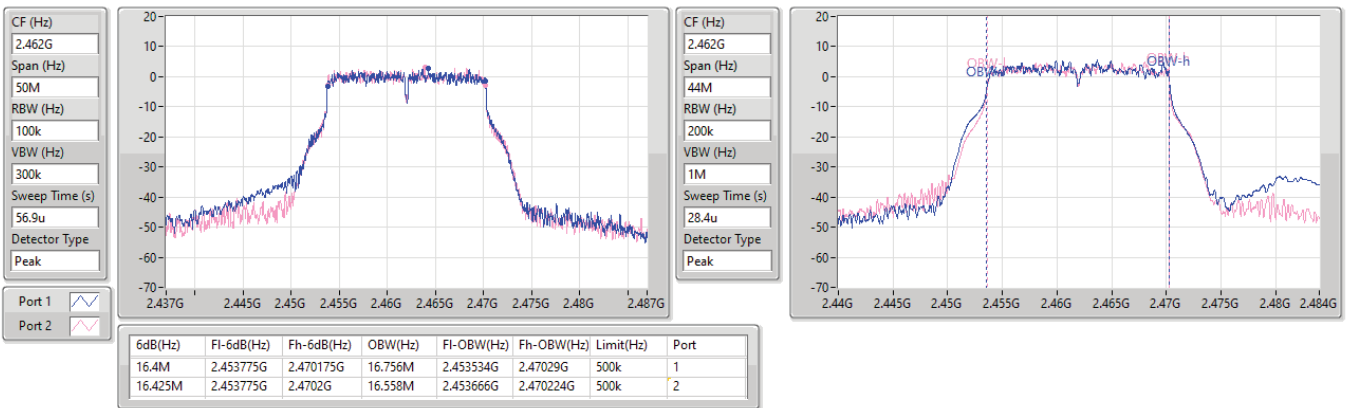


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

05/10/2023

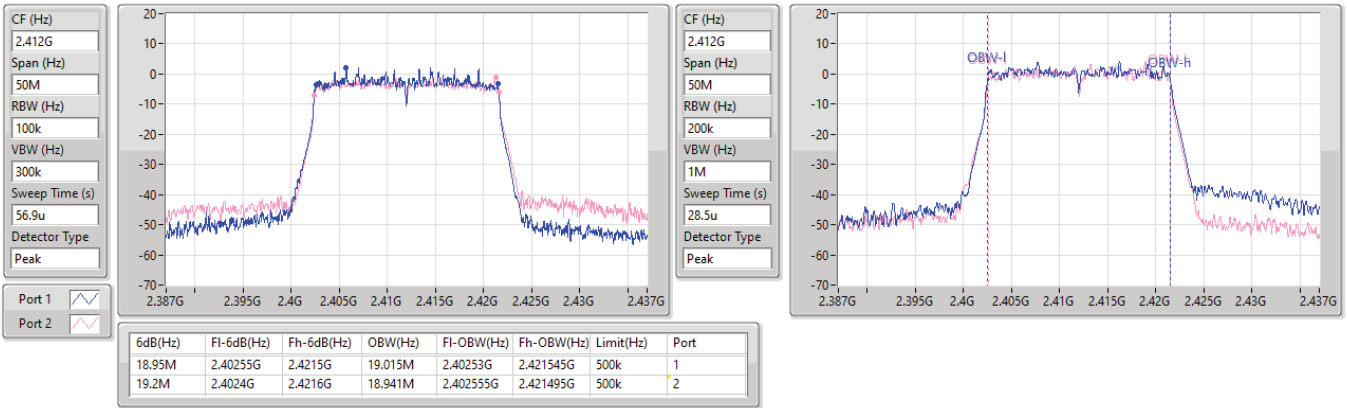


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

05/10/2023

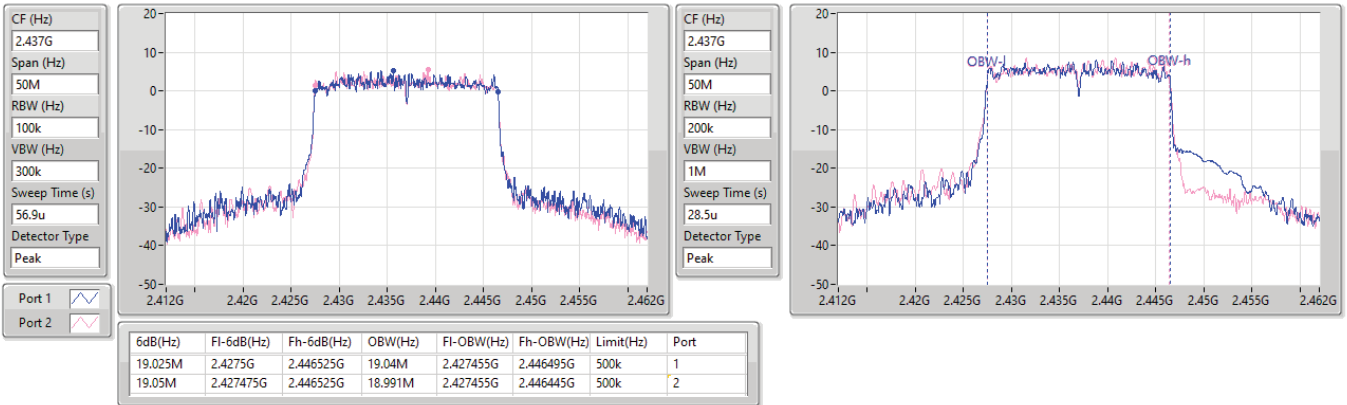


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

05/10/2023

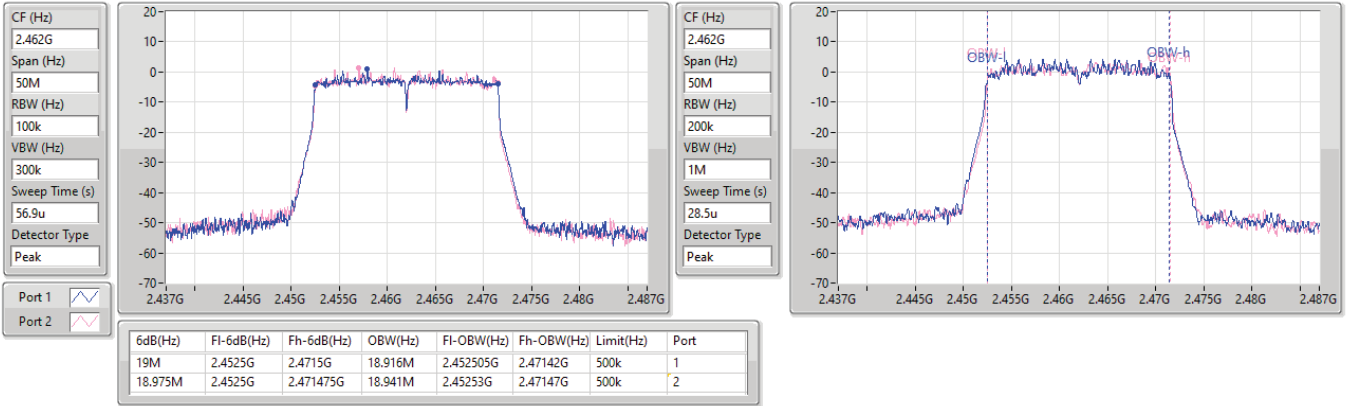


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

05/10/2023

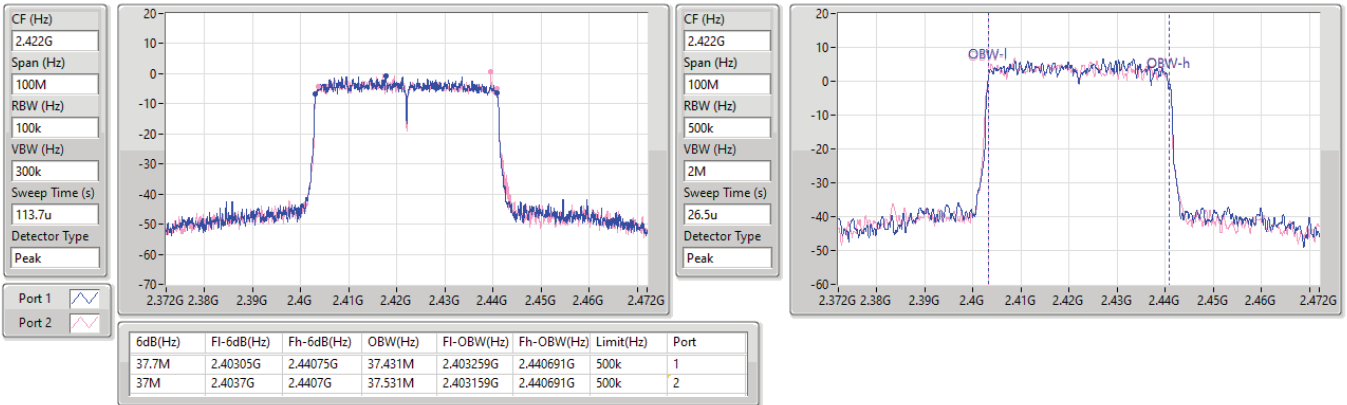


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

05/10/2023

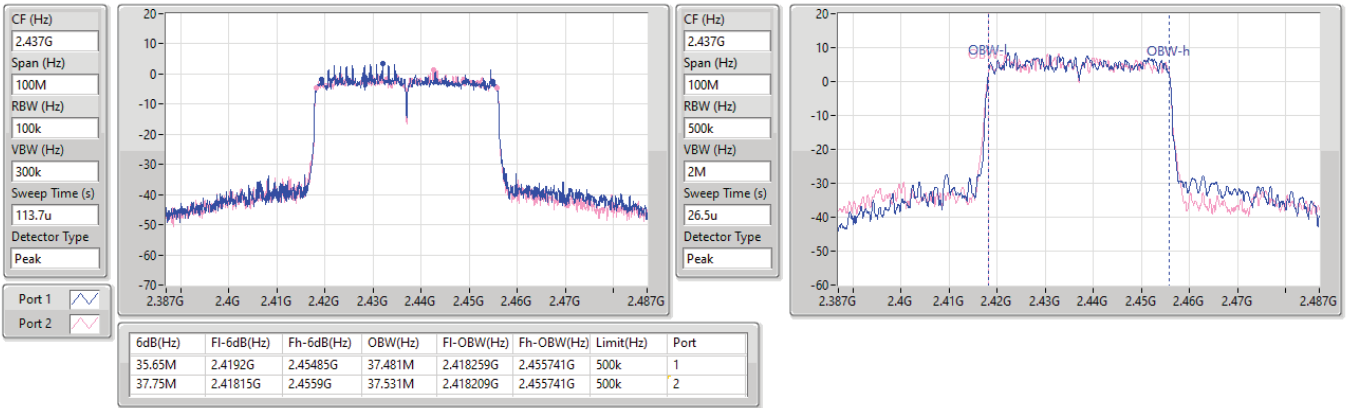


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

05/10/2023

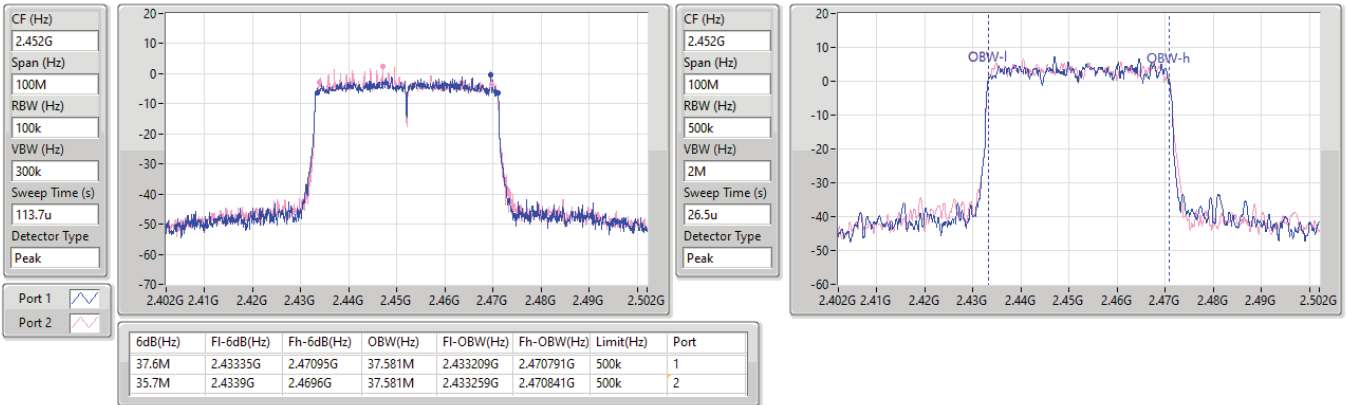


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

05/10/2023





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.18	0.20797
802.11g_Nss1,(6Mbps)_2TX	22.98	0.19861
802.11ax HEW20_Nss1,(MCS0)_2TX	23.25	0.21135
802.11ax HEW40_Nss1,(MCS0)_2TX	21.28	0.13428



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.41	20.17	20.17	23.18	30.00
2437MHz	Pass	4.41	19.95	20.06	23.02	30.00
2462MHz	Pass	4.41	19.91	20.34	23.14	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.41	16.86	16.40	19.65	30.00
2417MHz	Pass	4.41	19.42	18.80	22.13	30.00
2437MHz	Pass	4.41	20.18	19.75	22.98	30.00
2457MHz	Pass	4.41	18.65	18.37	21.52	30.00
2462MHz	Pass	4.41	17.66	17.47	20.58	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.41	15.40	15.07	18.25	30.00
2417MHz	Pass	4.41	17.48	16.91	20.21	30.00
2437MHz	Pass	4.41	20.47	20.00	23.25	30.00
2457MHz	Pass	4.41	16.47	16.30	19.40	30.00
2462MHz	Pass	4.41	14.68	14.44	17.57	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.41	16.62	16.71	19.68	30.00
2427MHz	Pass	4.41	17.13	17.38	20.27	30.00
2437MHz	Pass	4.41	18.18	18.35	21.28	30.00
2447MHz	Pass	4.41	16.73	16.89	19.82	30.00
2452MHz	Pass	4.41	16.69	17.01	19.86	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	20.39	0.10940
802.11g_Nss1,(6Mbps)_1TX	19.59	0.09099
802.11ax HEW20_Nss1,(MCS0)_1TX	19.94	0.09863
802.11ax HEW40_Nss1,(MCS0)_1TX	18.05	0.06383
802.11b_Nss1,(1Mbps)_2TX	23.36	0.21677
802.11g_Nss1,(6Mbps)_2TX	22.73	0.18750
802.11ax HEW20_Nss1,(MCS0)_2TX	23.05	0.20184
802.11ax HEW40_Nss1,(MCS0)_2TX	21.03	0.12677



Average Power_Non-Beamforming_Radio 2

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.30	20.39		20.39	30.00
2437MHz	Pass	2.30	20.37		20.37	30.00
2462MHz	Pass	2.30	20.12		20.12	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.30	17.33		17.33	30.00
2417MHz	Pass	2.30	19.43		19.43	30.00
2437MHz	Pass	2.30	19.59		19.59	30.00
2457MHz	Pass	2.30	18.96		18.96	30.00
2462MHz	Pass	2.30	16.79		16.79	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.30	15.41		15.41	30.00
2417MHz	Pass	2.30	19.02		19.02	30.00
2437MHz	Pass	2.30	19.94		19.94	30.00
2457MHz	Pass	2.30	17.84		17.84	30.00
2462MHz	Pass	2.30	15.08		15.08	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2422MHz	Pass	2.30	16.31		16.31	30.00
2427MHz	Pass	2.30	17.59		17.59	30.00
2437MHz	Pass	2.30	18.05		18.05	30.00
2447MHz	Pass	2.30	17.18		17.18	30.00
2452MHz	Pass	2.30	16.86		16.86	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.30	20.43	20.27	23.36	30.00
2437MHz	Pass	2.30	20.33	20.22	23.29	30.00
2457MHz	Pass	2.30	20.07	20.24	23.17	30.00
2462MHz	Pass	2.30	19.85	19.84	22.86	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.30	16.64	16.32	19.49	30.00
2417MHz	Pass	2.30	17.87	17.69	20.79	30.00
2437MHz	Pass	2.30	19.80	19.63	22.73	30.00
2457MHz	Pass	2.30	17.98	17.96	20.98	30.00
2462MHz	Pass	2.30	17.11	17.05	20.09	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.30	15.13	15.06	18.11	30.00
2417MHz	Pass	2.30	17.36	17.13	20.26	30.00
2437MHz	Pass	2.30	20.06	20.02	23.05	30.00
2457MHz	Pass	2.30	18.12	18.20	21.17	30.00
2462MHz	Pass	2.30	15.22	15.25	18.25	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.30	16.47	16.22	19.36	30.00
2427MHz	Pass	2.30	17.20	16.94	20.08	30.00
2437MHz	Pass	2.30	18.01	18.03	21.03	30.00
2447MHz	Pass	2.30	16.29	16.19	19.25	30.00
2452MHz	Pass	2.30	16.34	16.21	19.29	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.12	0.20512
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.15	0.13032



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.08	15.27	14.92	18.11	30.00
2417MHz	Pass	5.08	17.33	16.77	20.07	30.00
2437MHz	Pass	5.08	20.32	19.88	23.12	30.00
2457MHz	Pass	5.08	16.32	16.2	19.27	30.00
2462MHz	Pass	5.08	14.54	14.33	17.45	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.08	16.51	16.6	19.57	30.00
2427MHz	Pass	5.08	17.03	17.25	20.15	30.00
2437MHz	Pass	5.08	18.04	18.24	21.15	30.00
2447MHz	Pass	5.08	16.6	16.74	19.68	30.00
2452MHz	Pass	5.08	16.56	16.91	19.75	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.95	0.19724
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.91	0.12331



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.35	14.98	14.96	17.98	30.00
2417MHz	Pass	4.35	17.24	17.01	20.14	30.00
2437MHz	Pass	4.35	19.96	19.91	22.95	30.00
2457MHz	Pass	4.35	18.01	18.06	21.05	30.00
2462MHz	Pass	4.35	15.08	15.15	18.13	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.35	16.32	16.11	19.23	30.00
2427MHz	Pass	4.35	17.08	16.83	19.97	30.00
2437MHz	Pass	4.35	17.87	17.92	20.91	30.00
2447MHz	Pass	4.35	16.17	16.04	19.12	30.00
2452MHz	Pass	4.35	16.22	16.09	19.17	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-0.85
802.11g_Nss1,(6Mbps)_2TX	-3.42
802.11ax HEW20_Nss1,(MCS0)_2TX	-3.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-8.04

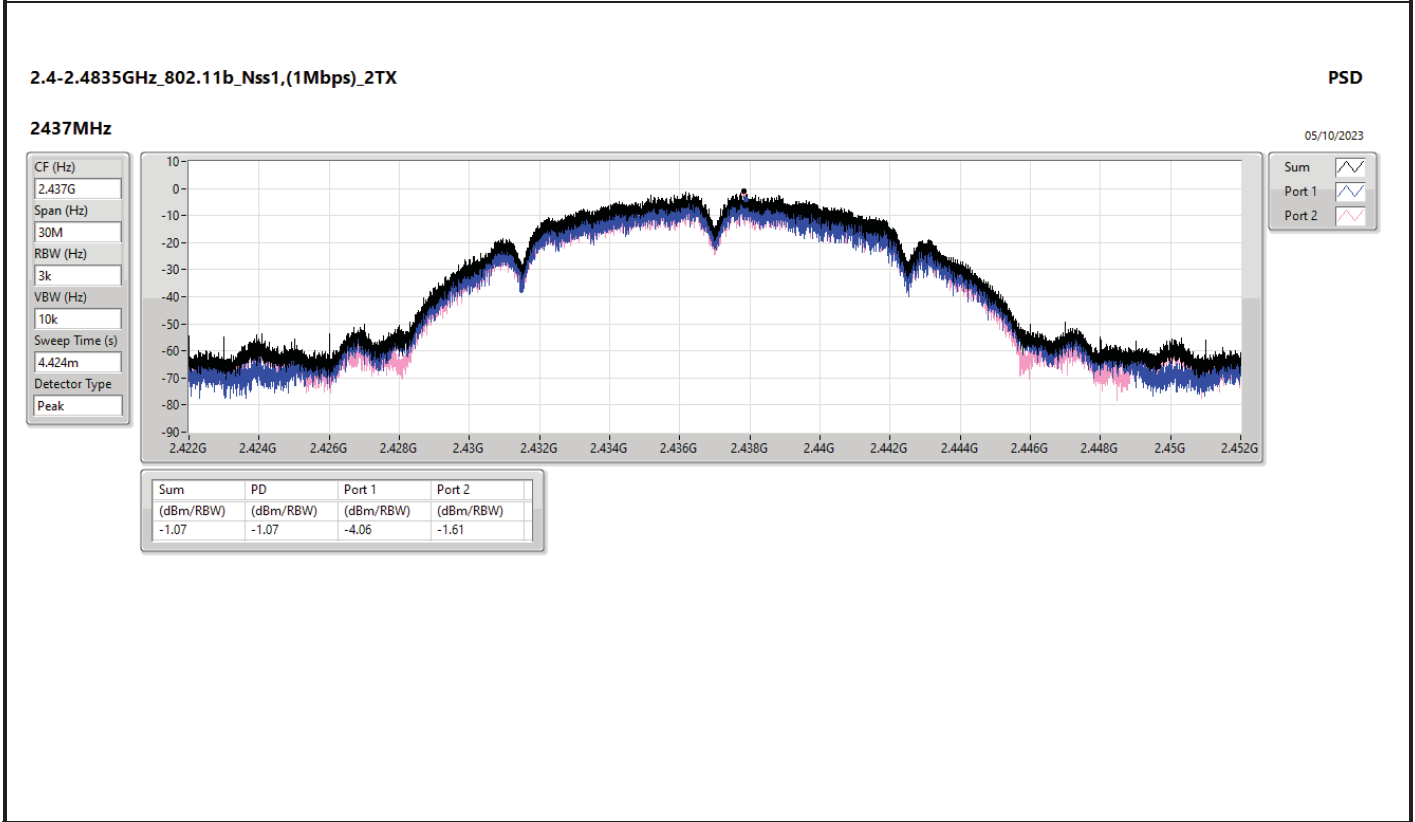
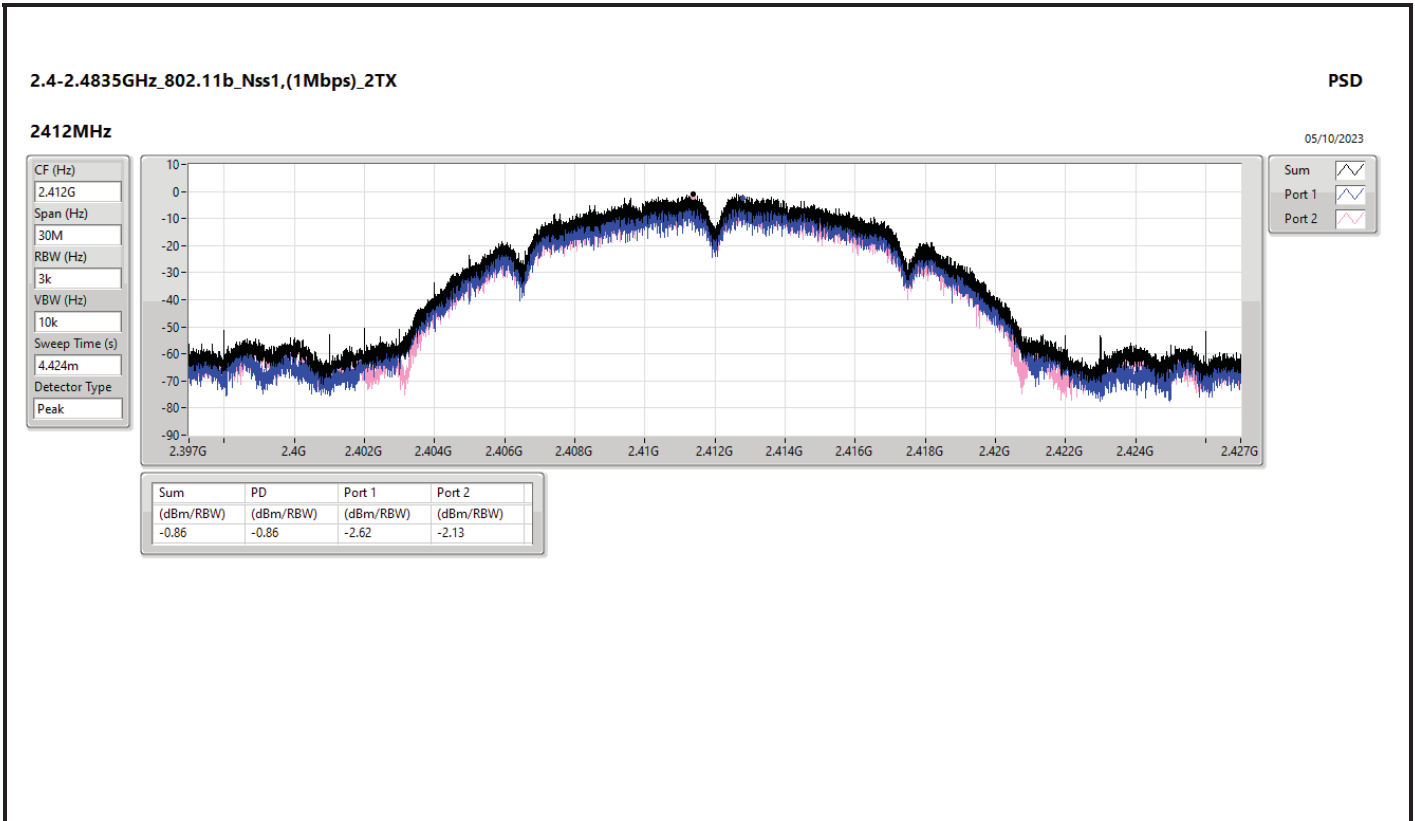
RBW = 3kHz:

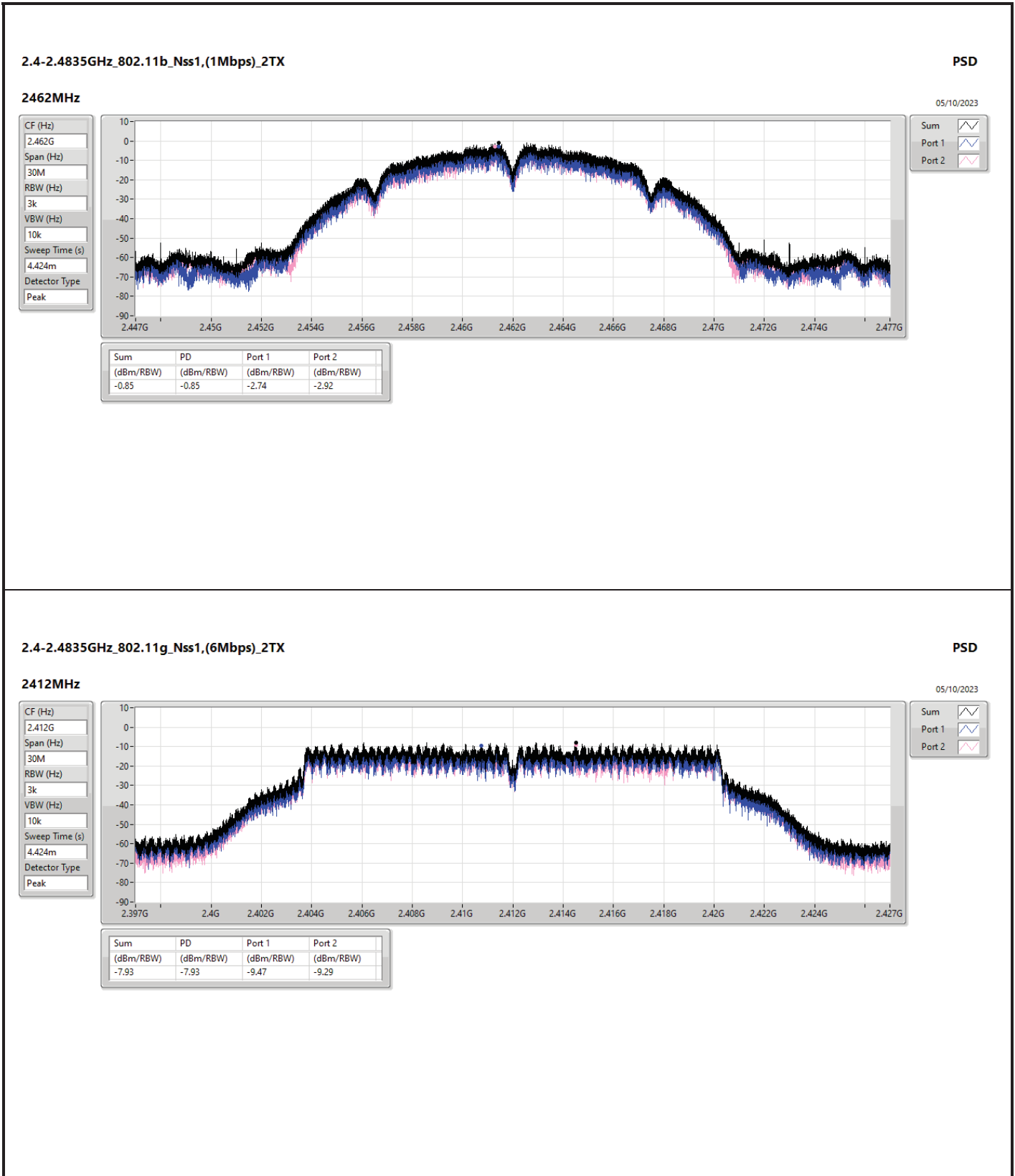


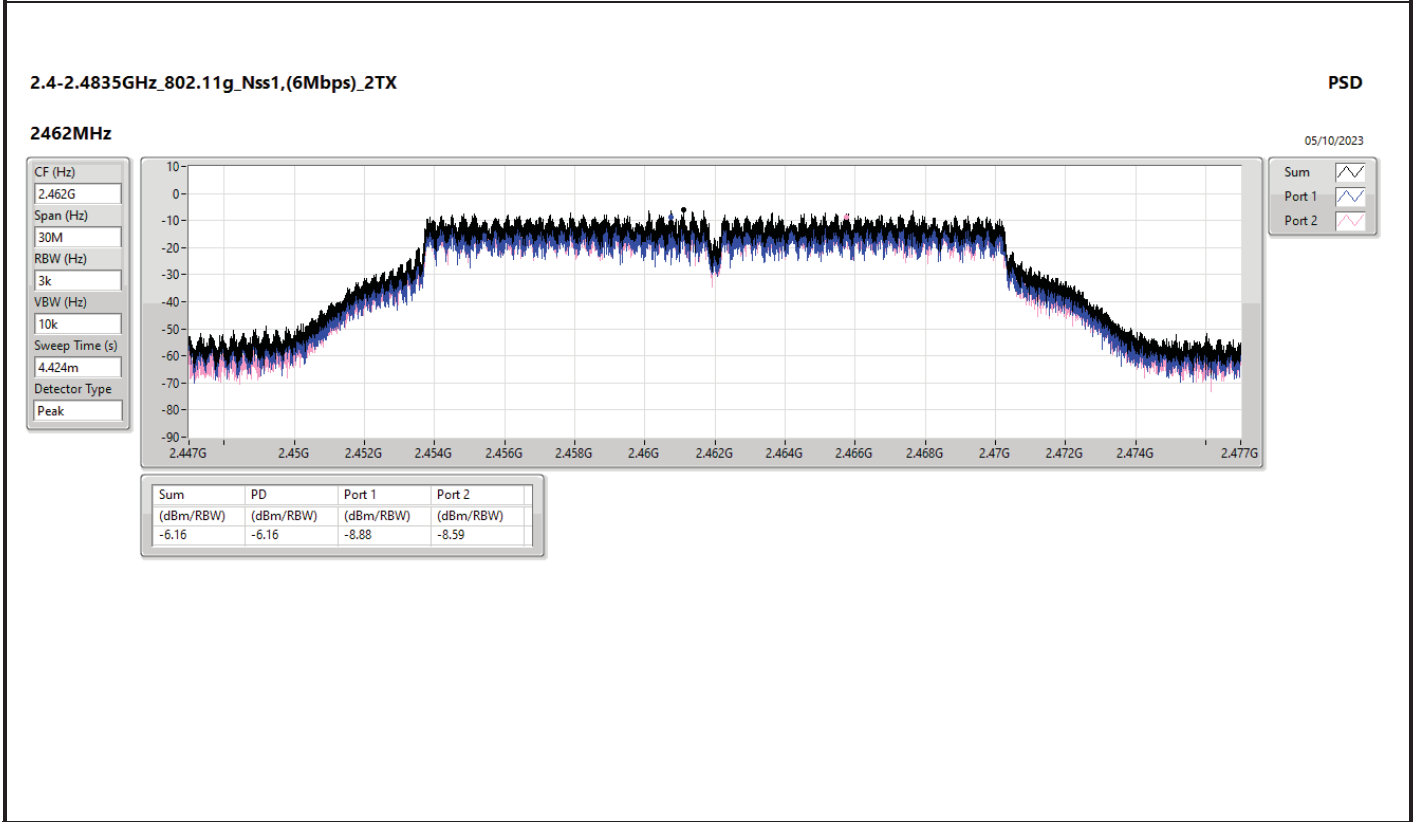
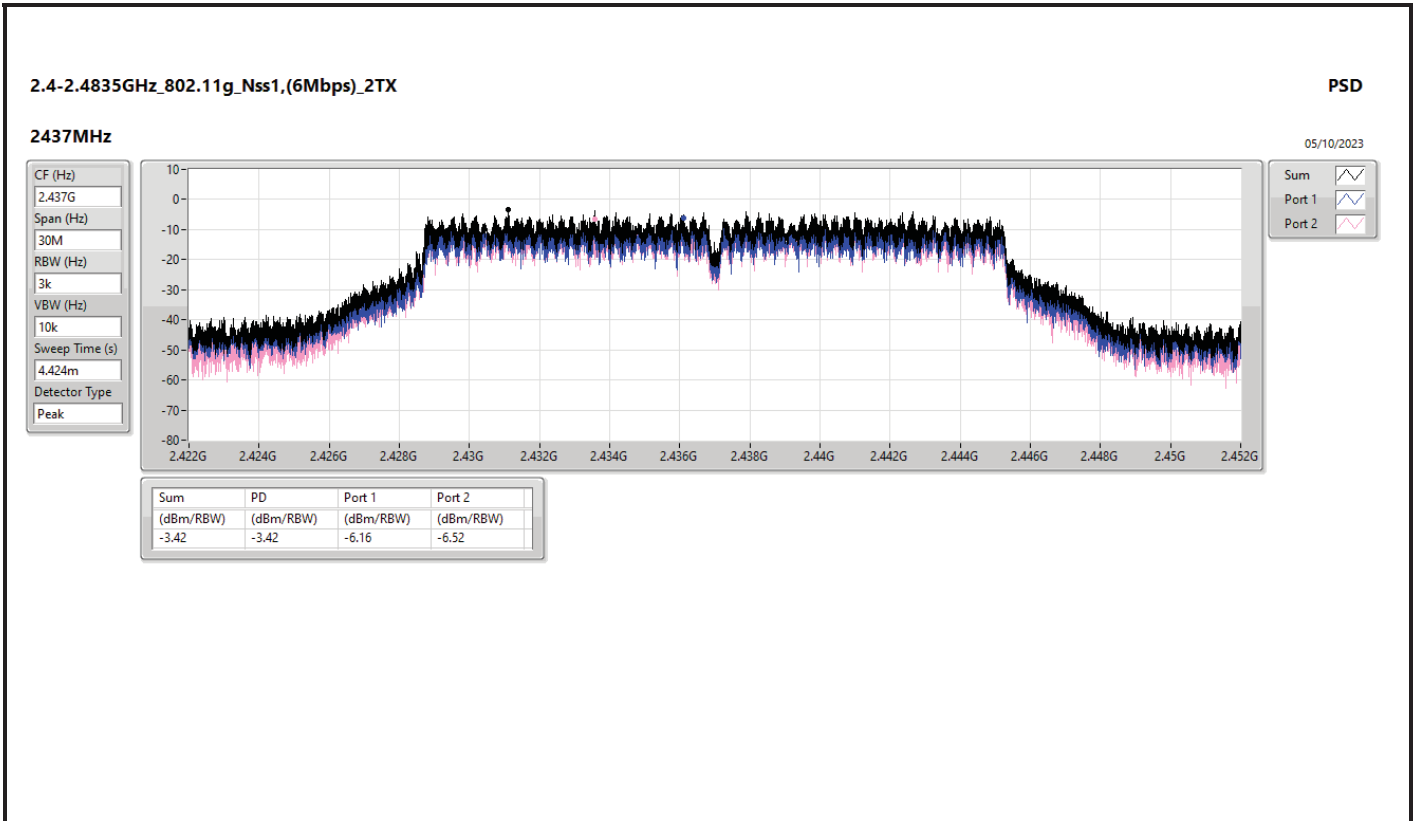
Result

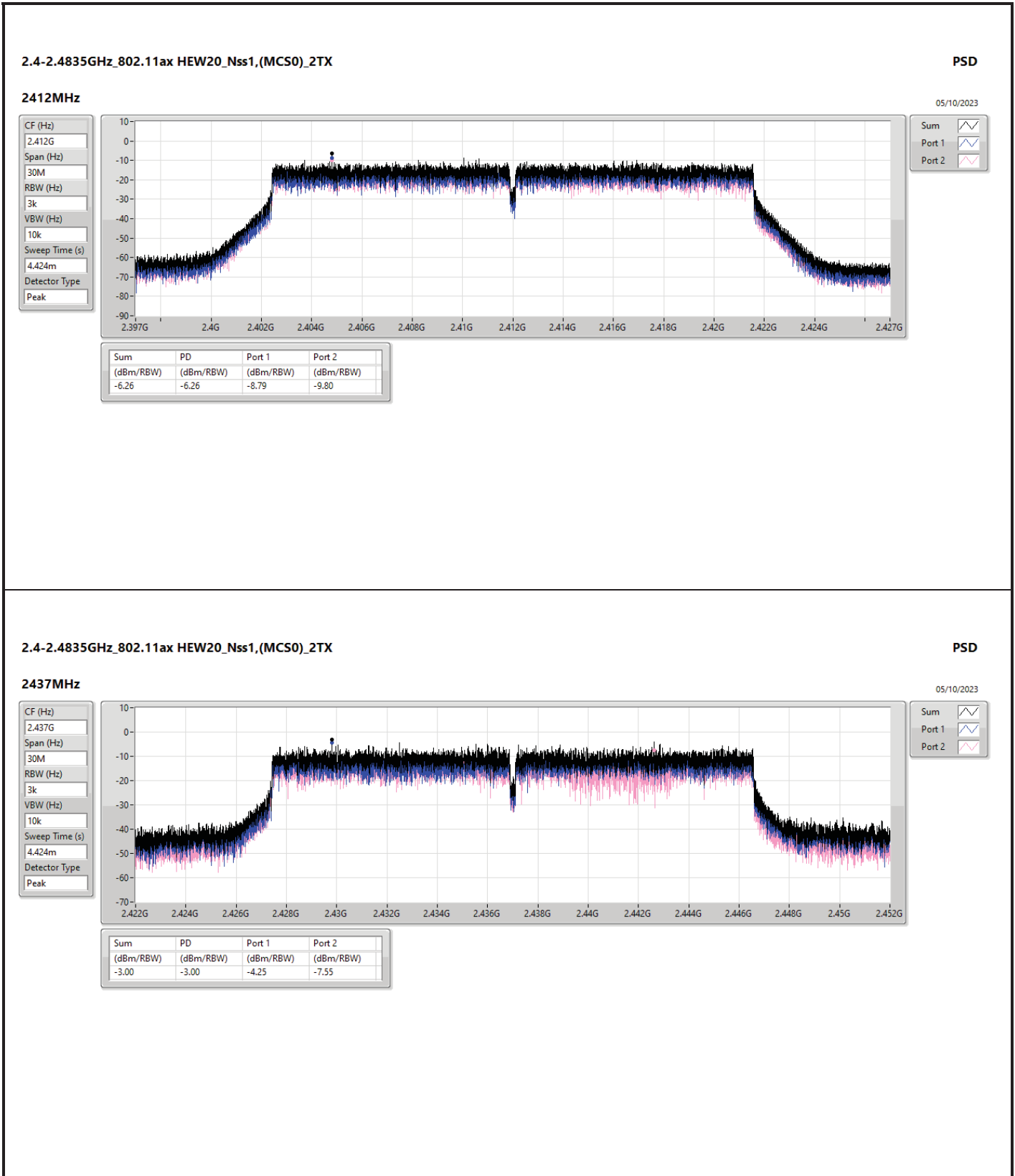
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.08	-2.62	-2.13	-0.86	8.00
2437MHz	Pass	5.08	-4.06	-1.61	-1.07	8.00
2462MHz	Pass	5.08	-2.74	-2.92	-0.85	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.08	-9.47	-9.29	-7.93	8.00
2437MHz	Pass	5.08	-6.16	-6.52	-3.42	8.00
2462MHz	Pass	5.08	-8.88	-8.59	-6.16	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.08	-8.79	-9.80	-6.26	8.00
2437MHz	Pass	5.08	-4.25	-7.55	-3.00	8.00
2462MHz	Pass	5.08	-9.93	-10.35	-7.12	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.08	-13.59	-12.18	-10.72	8.00
2437MHz	Pass	5.08	-10.89	-11.21	-8.04	8.00
2452MHz	Pass	5.08	-12.48	-12.08	-9.27	8.00

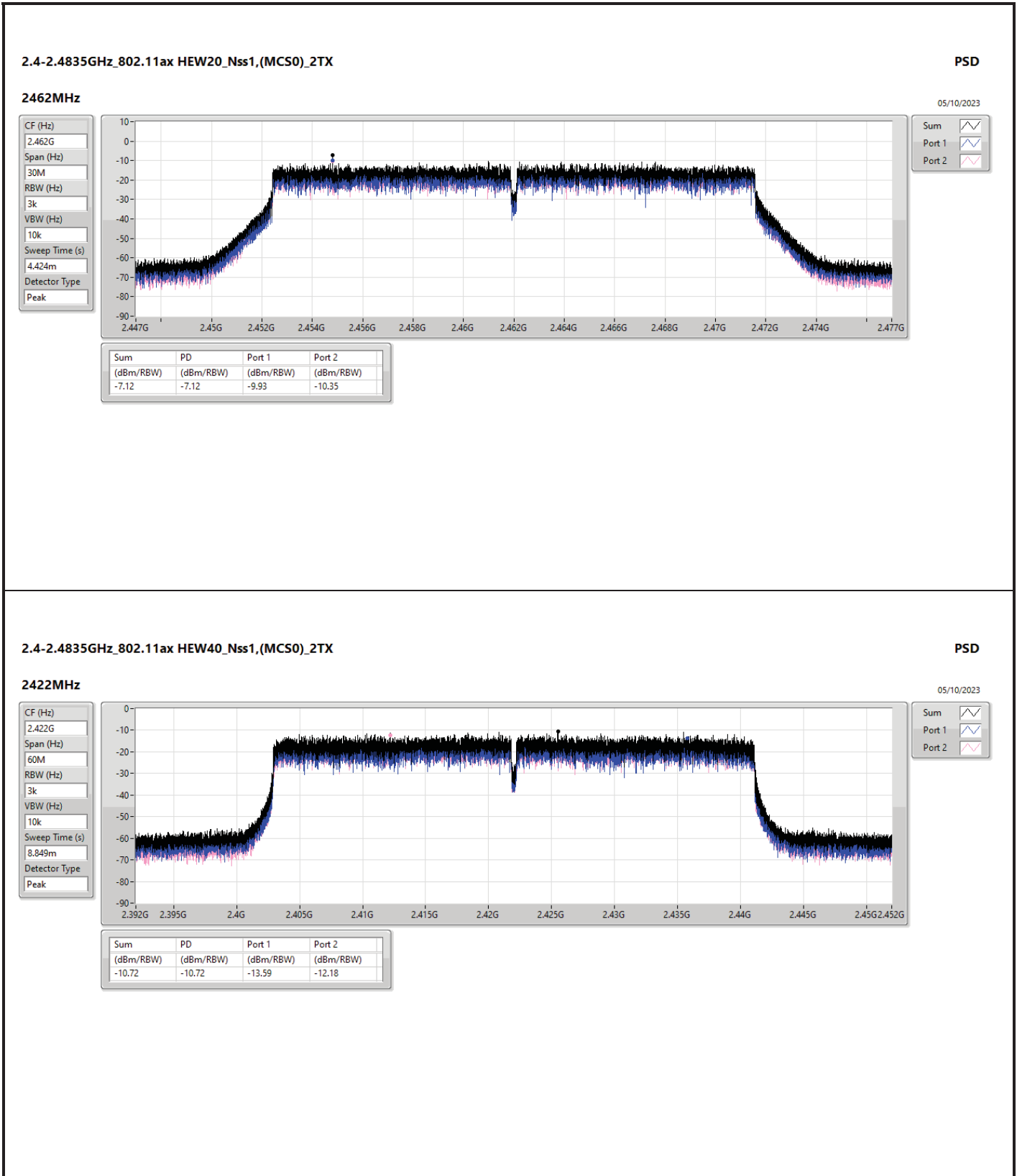
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

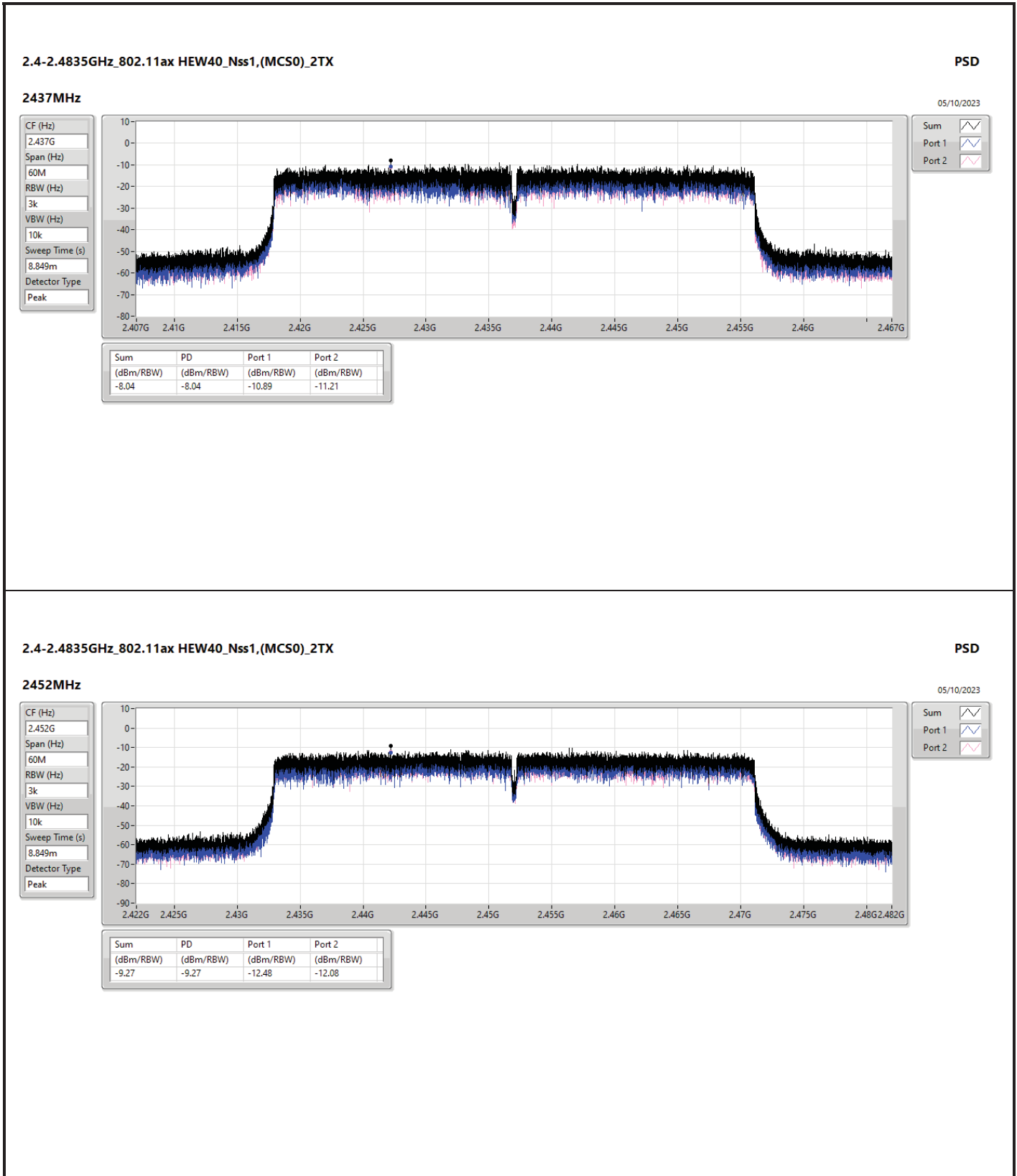














Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-2.12
802.11g_Nss1,(6Mbps)_1TX	-6.68
802.11ax HEW20_Nss1,(MCS0)_1TX	-7.32
802.11ax HEW40_Nss1,(MCS0)_1TX	-10.84
802.11b_Nss1,(1Mbps)_2TX	-0.40
802.11g_Nss1,(6Mbps)_2TX	-3.03
802.11ax HEW20_Nss1,(MCS0)_2TX	-3.43
802.11ax HEW40_Nss1,(MCS0)_2TX	-8.63

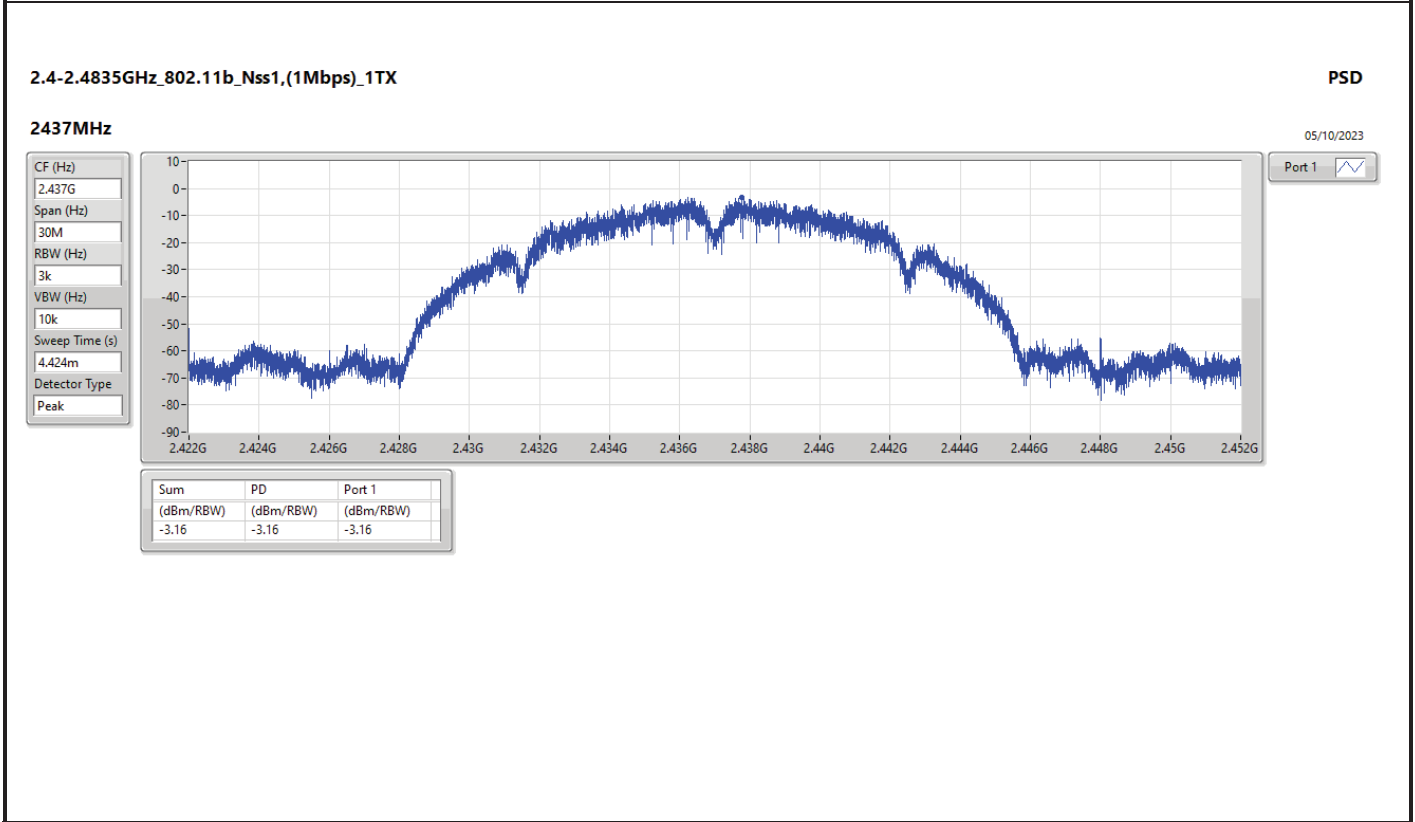
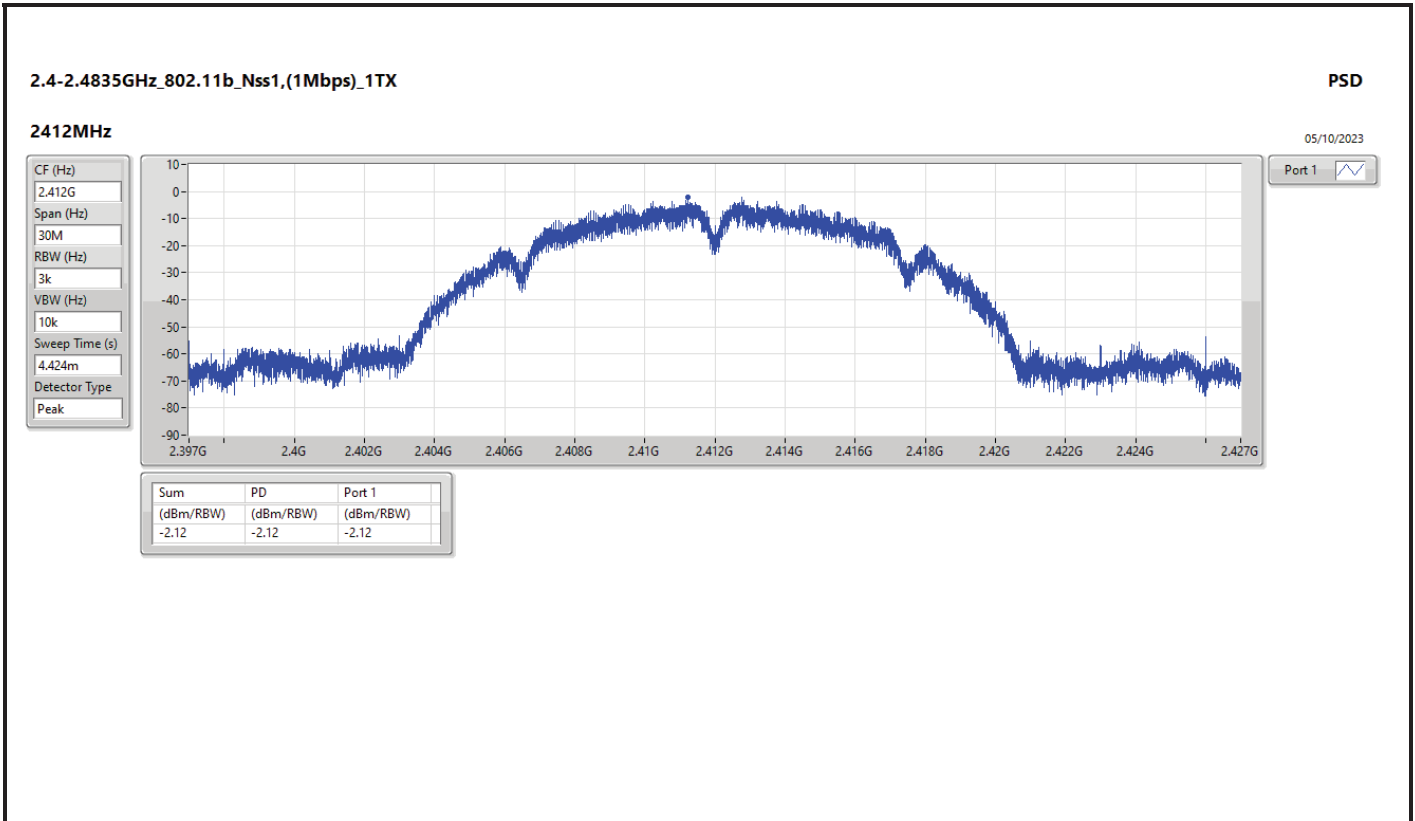
RBW = 3kHz;

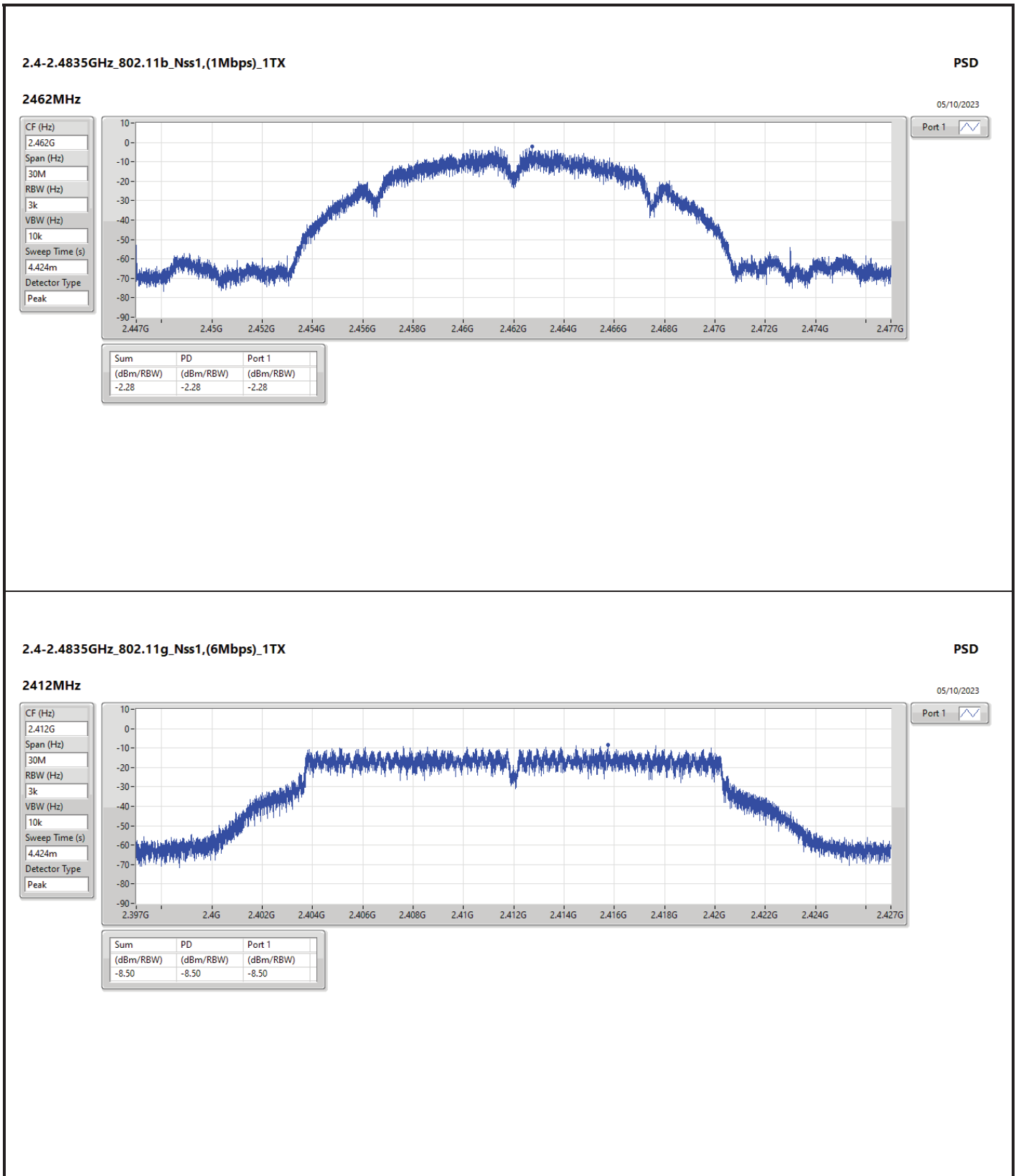


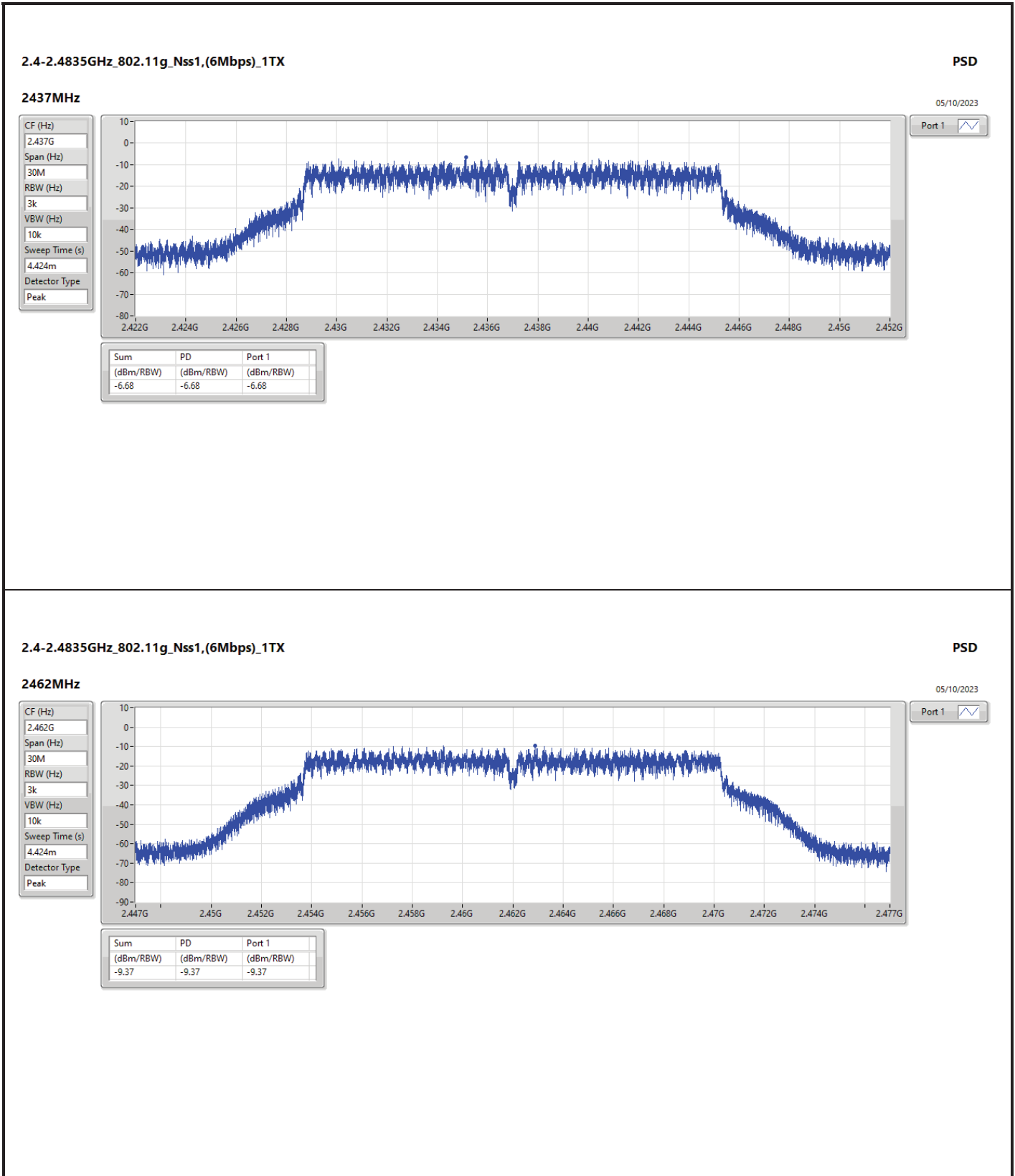
Result

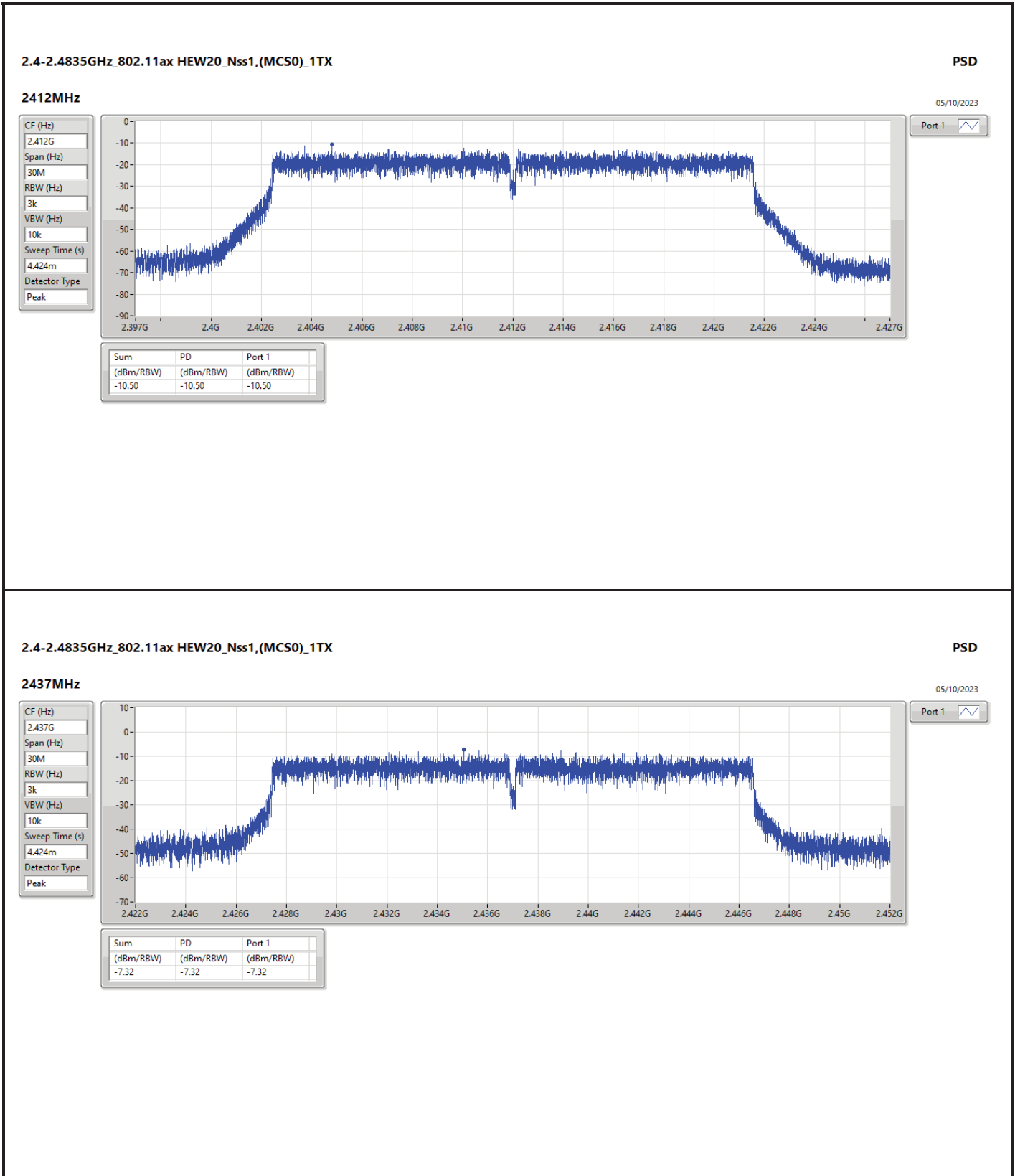
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.30	-2.12	-	-2.12	8.00
2437MHz	Pass	2.30	-3.16	-	-3.16	8.00
2462MHz	Pass	2.30	-2.28	-	-2.28	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.30	-8.50	-	-8.50	8.00
2437MHz	Pass	2.30	-6.68	-	-6.68	8.00
2462MHz	Pass	2.30	-9.37	-	-9.37	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.30	-10.50	-	-10.50	8.00
2437MHz	Pass	2.30	-7.32	-	-7.32	8.00
2462MHz	Pass	2.30	-9.95	-	-9.95	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2422MHz	Pass	2.30	-13.35	-	-13.35	8.00
2437MHz	Pass	2.30	-10.84	-	-10.84	8.00
2452MHz	Pass	2.30	-12.19	-	-12.19	8.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.35	-2.37	-2.00	-0.40	8.00
2437MHz	Pass	4.35	-3.66	-3.70	-1.80	8.00
2462MHz	Pass	4.35	-3.41	-3.10	-1.70	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.35	-9.60	-8.88	-6.28	8.00
2437MHz	Pass	4.35	-5.80	-5.91	-3.03	8.00
2462MHz	Pass	4.35	-8.75	-8.79	-7.53	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.35	-9.88	-10.24	-7.05	8.00
2437MHz	Pass	4.35	-5.62	-6.80	-3.43	8.00
2462MHz	Pass	4.35	-10.67	-9.54	-7.06	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.35	-11.93	-12.75	-10.82	8.00
2437MHz	Pass	4.35	-10.84	-11.65	-8.63	8.00
2452MHz	Pass	4.35	-12.87	-13.19	-10.44	8.00

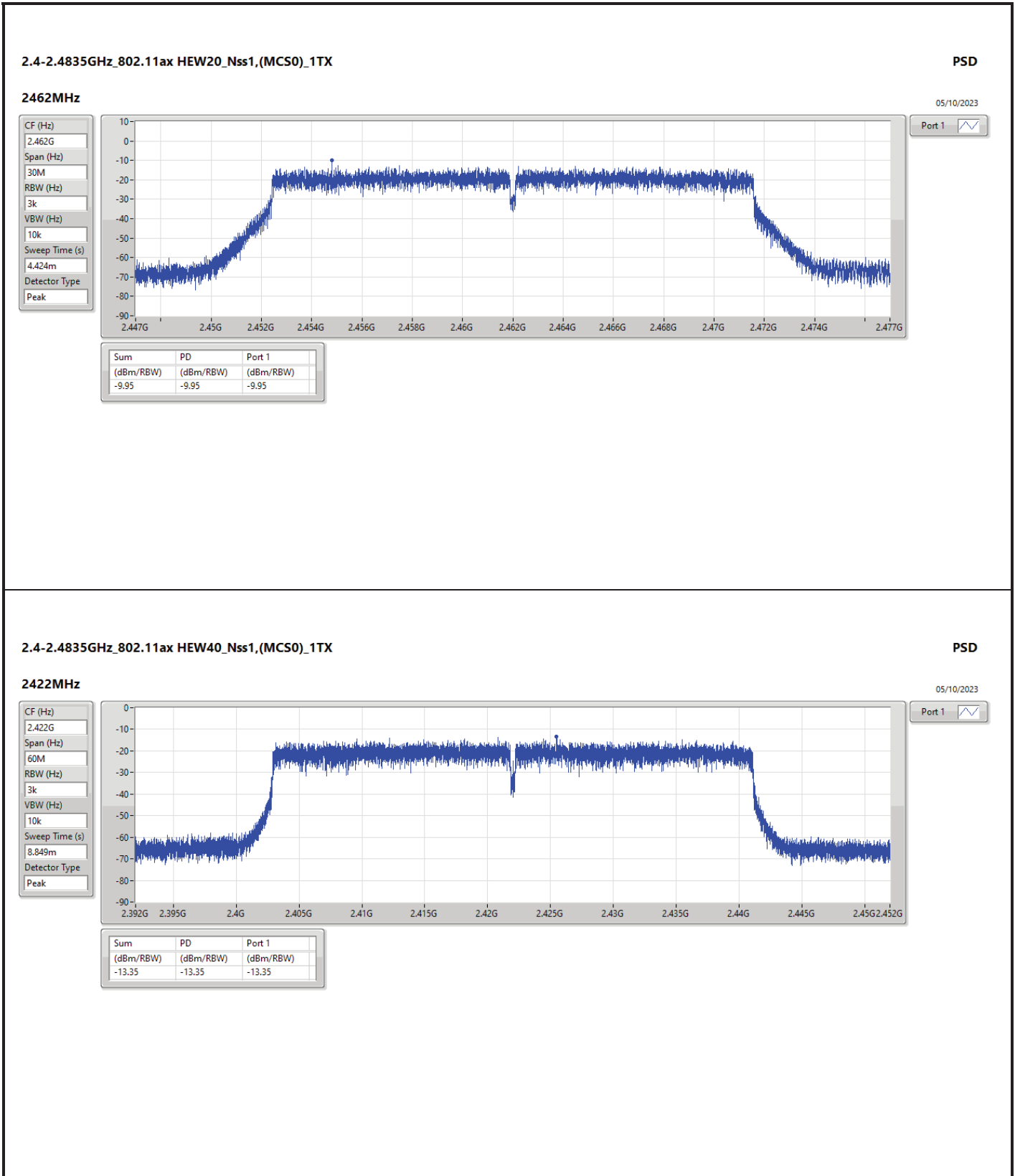
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

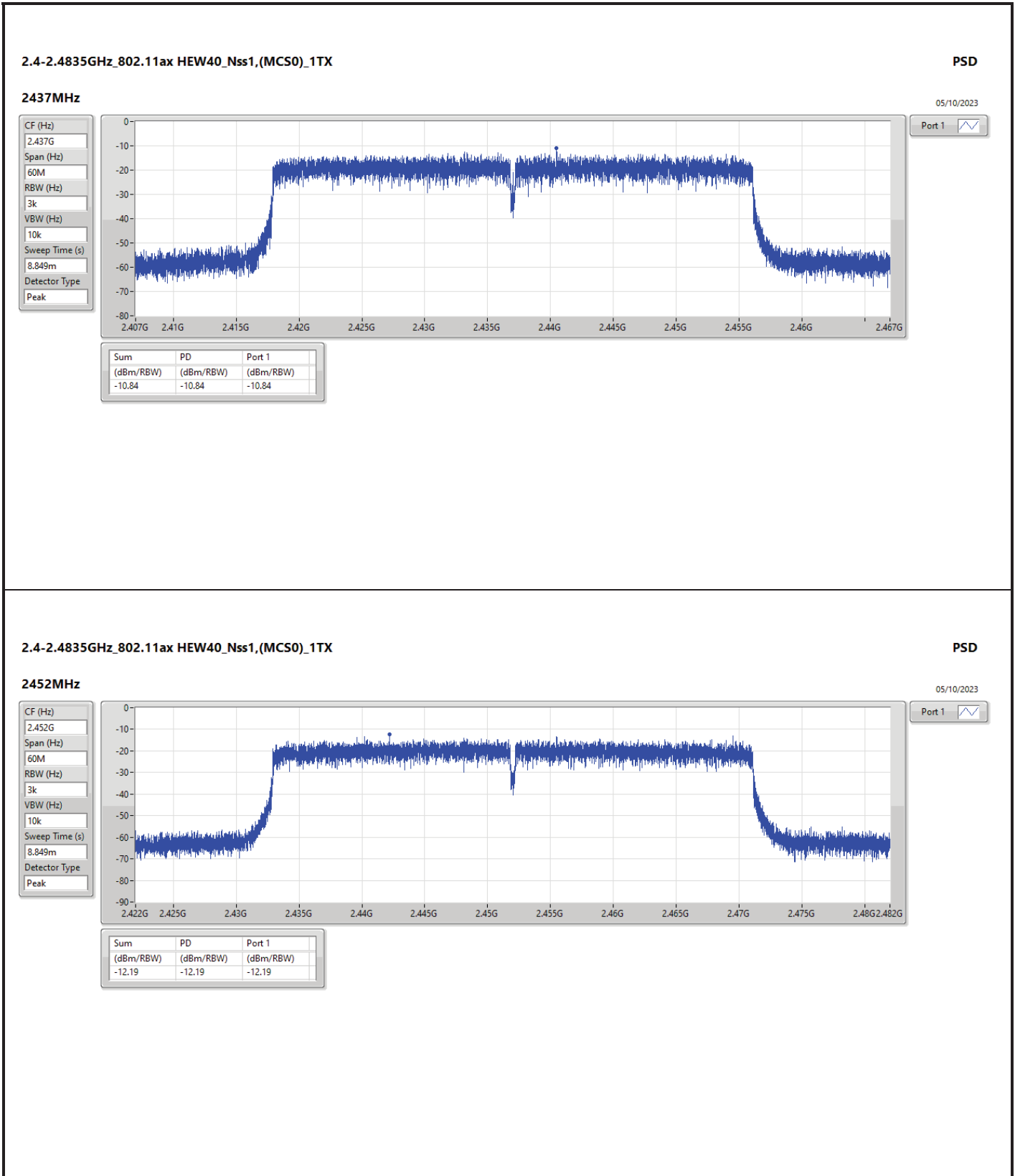


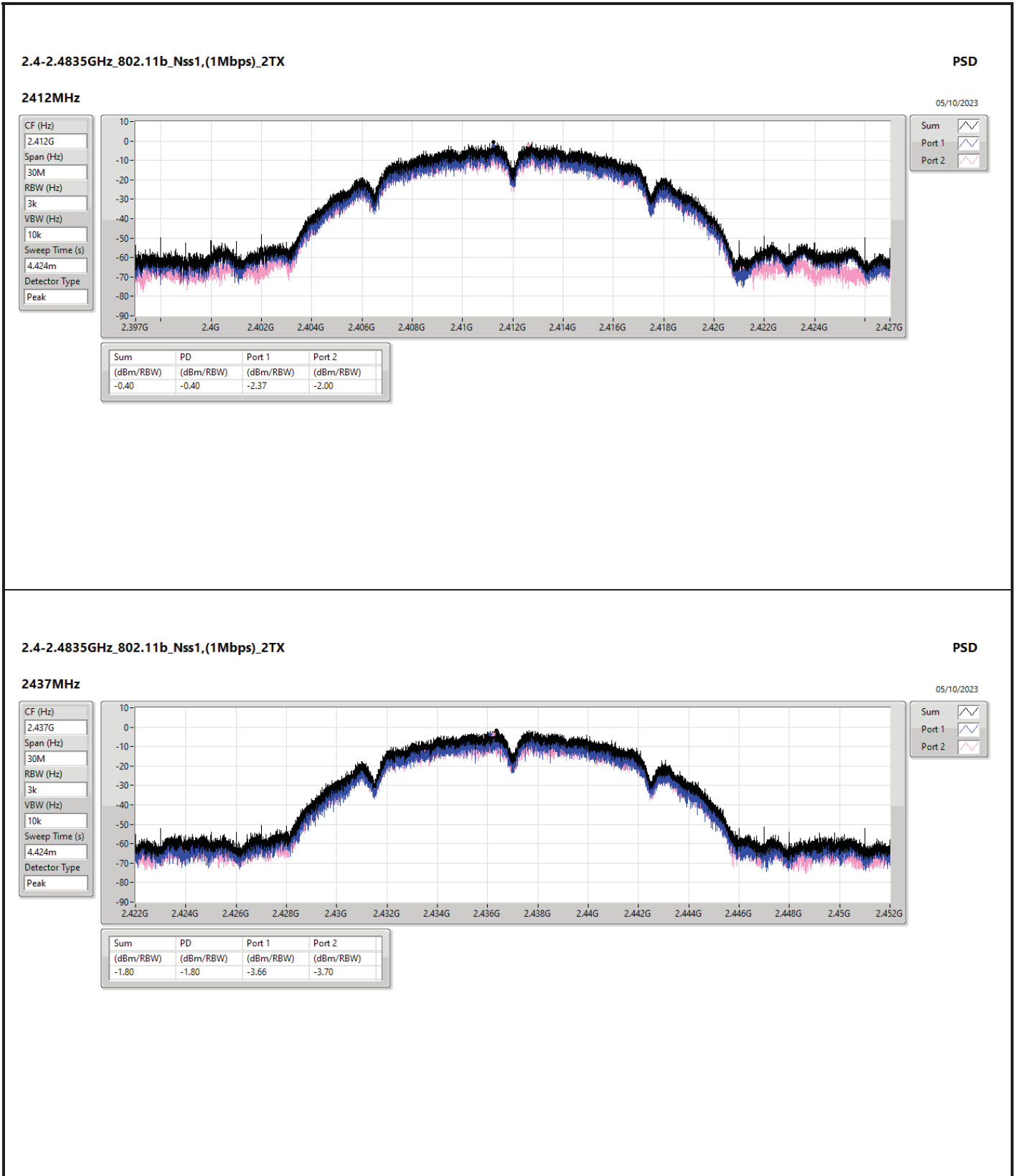


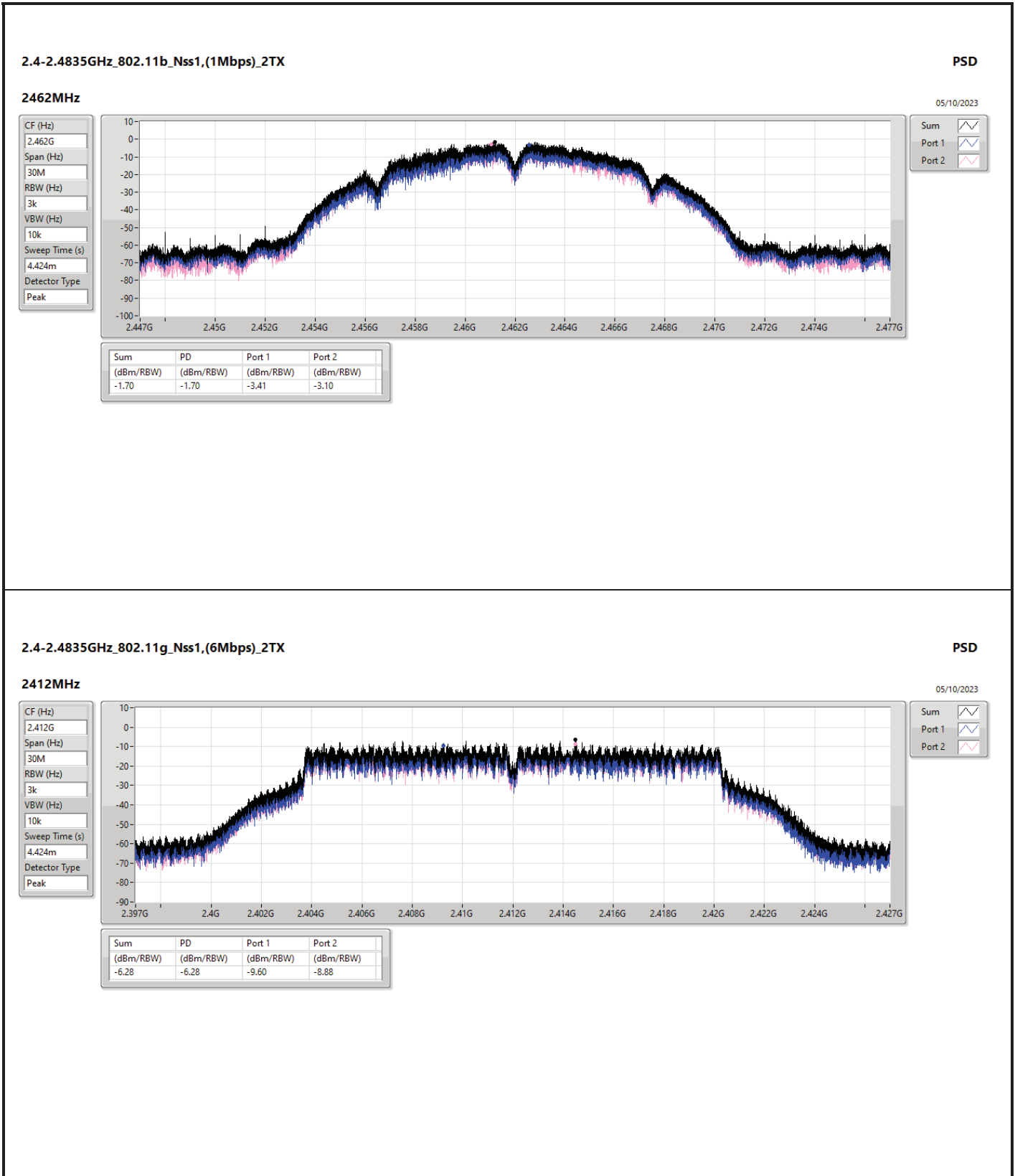


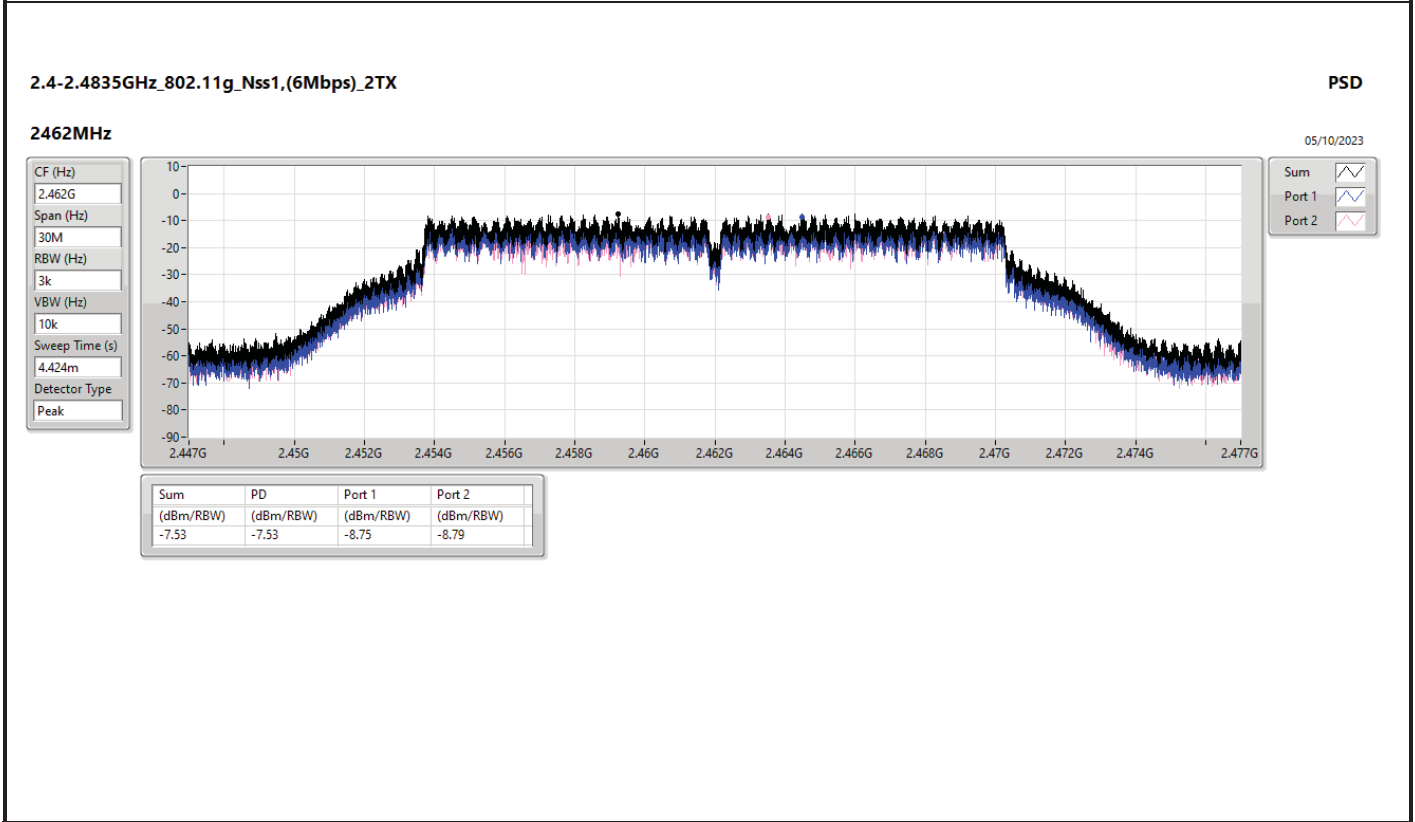
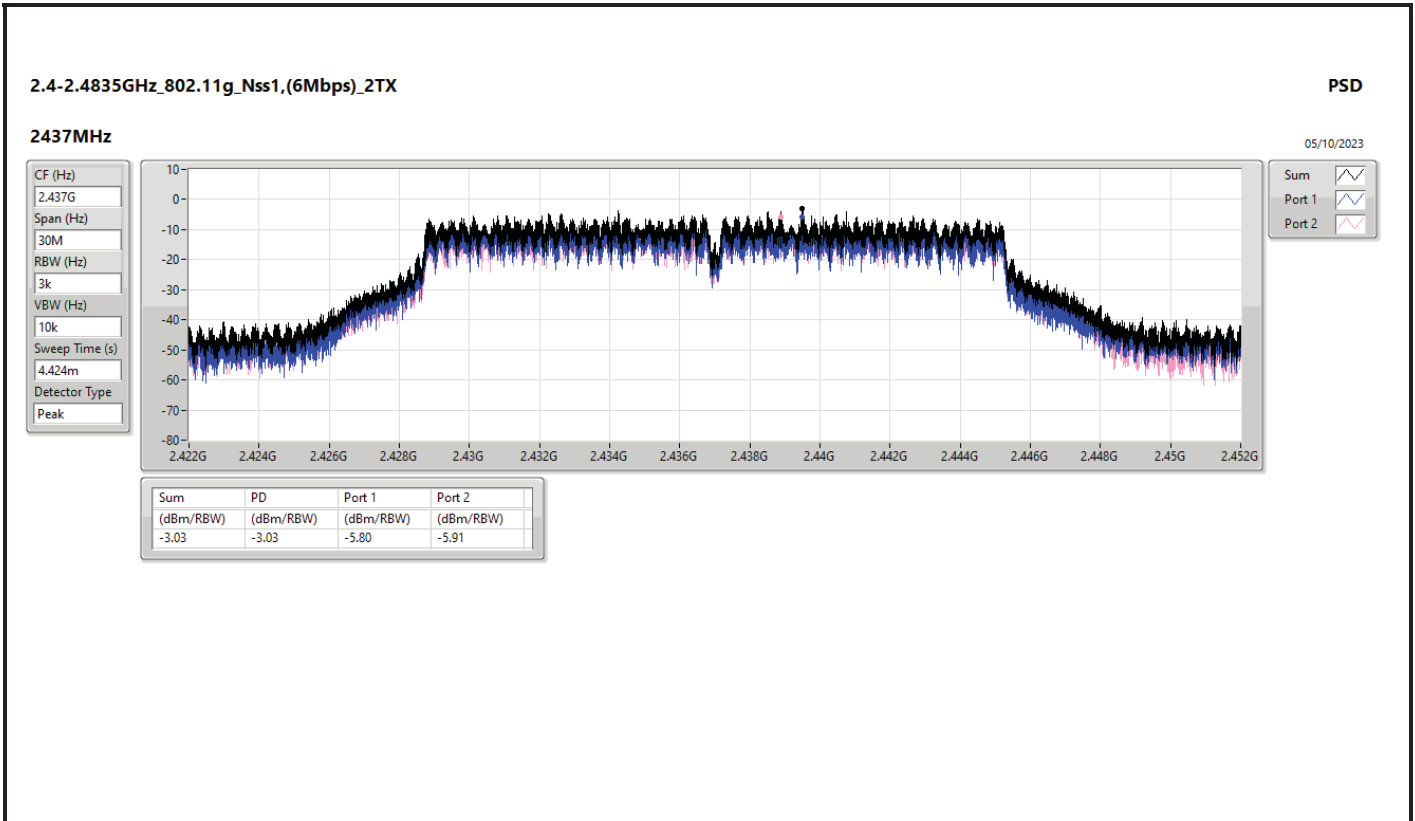


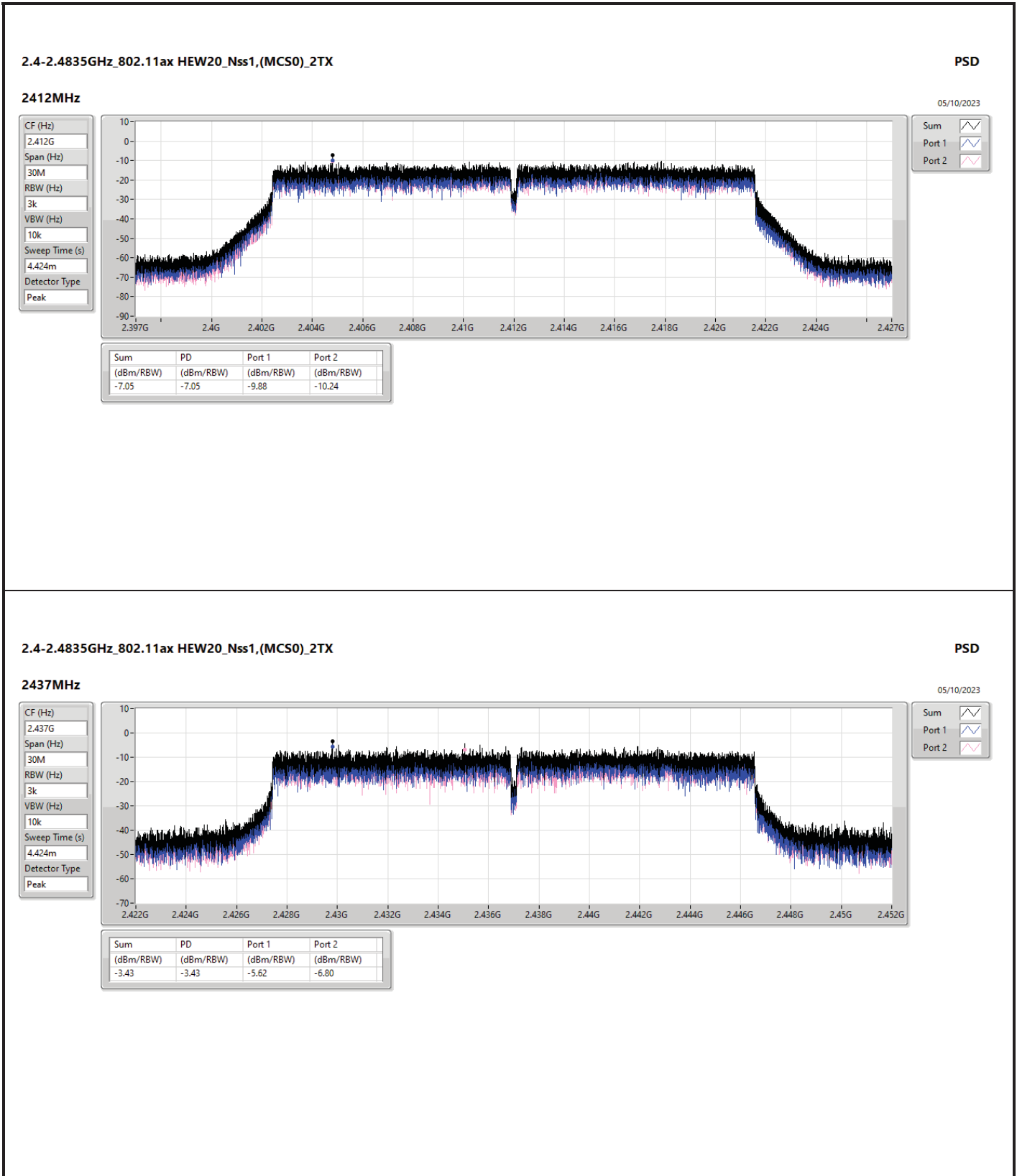


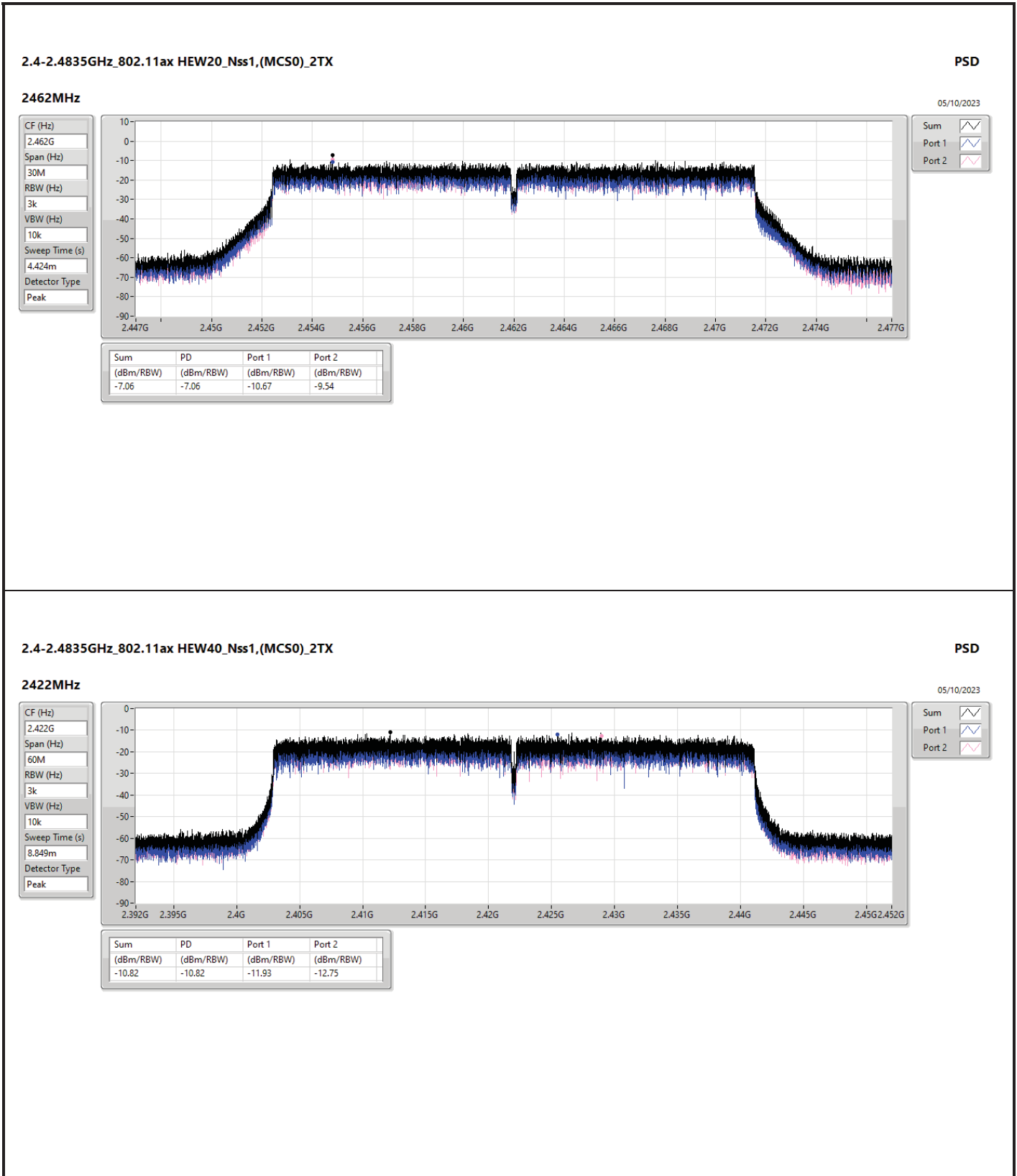














2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

05/10/2023

CF (Hz)
2.437G

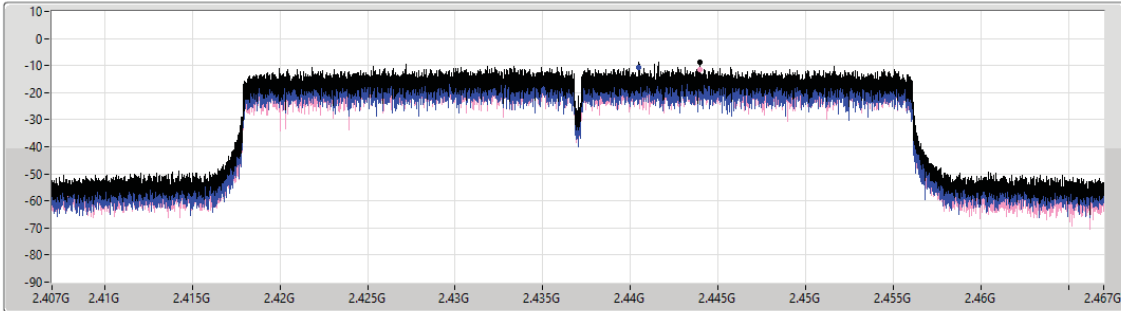
Span (Hz)
60M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
8.849m

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.63	-8.63	-10.84	-11.65

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

05/10/2023

CF (Hz)
2.452G

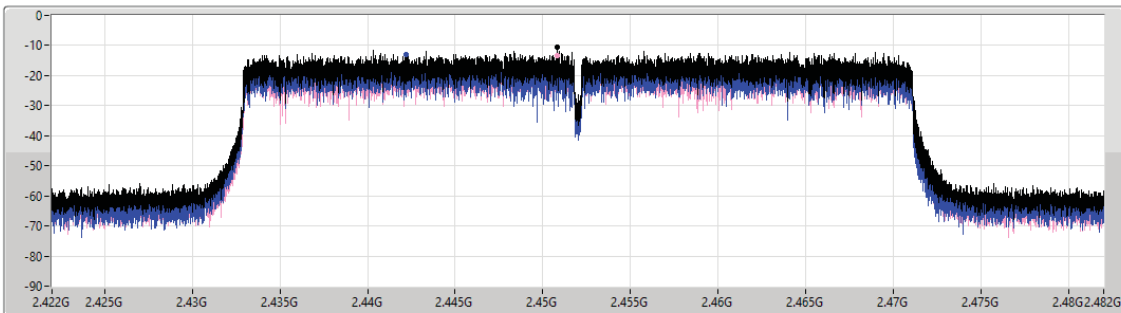
Span (Hz)
60M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
8.849m

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.44	-10.44	-12.87	-13.19



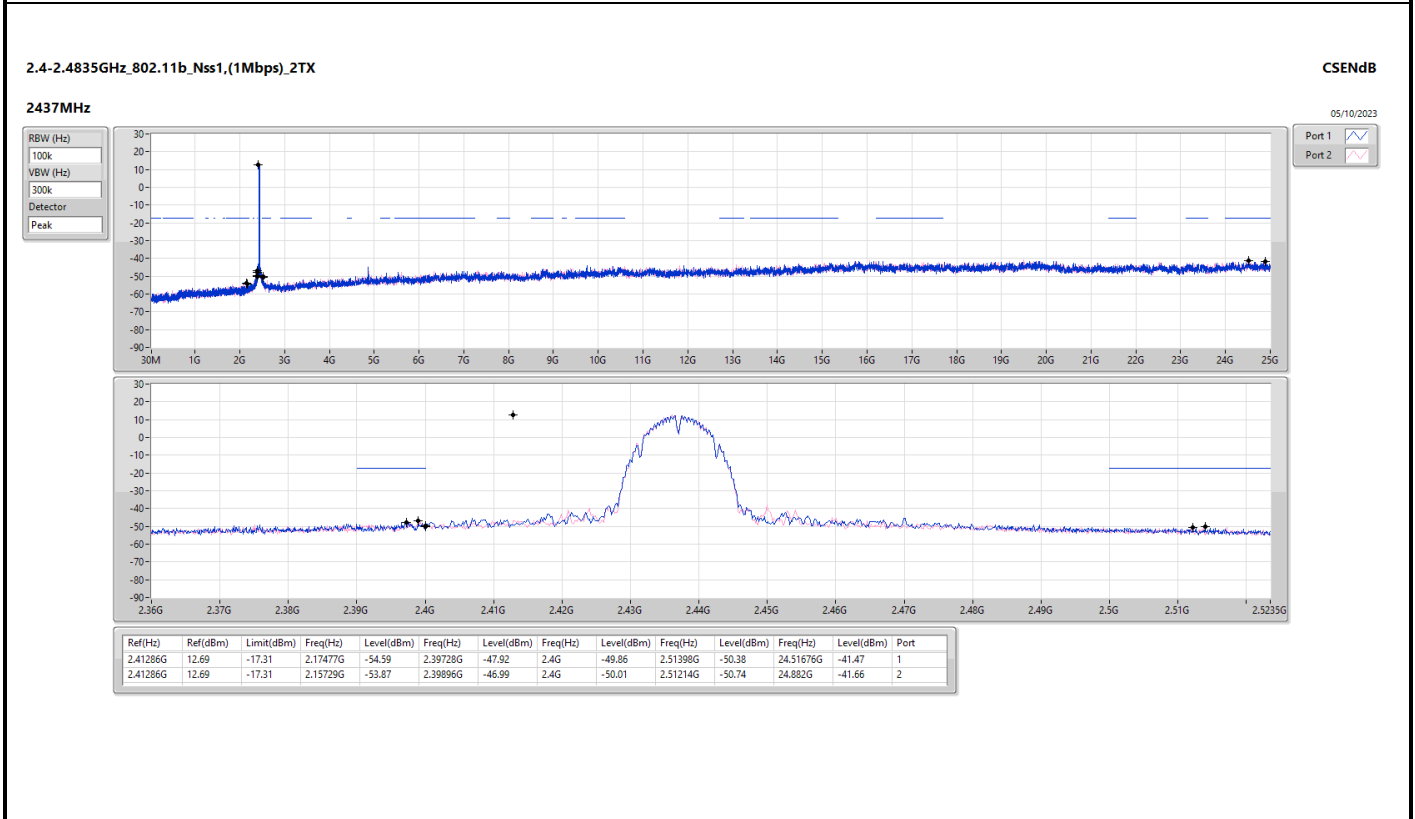
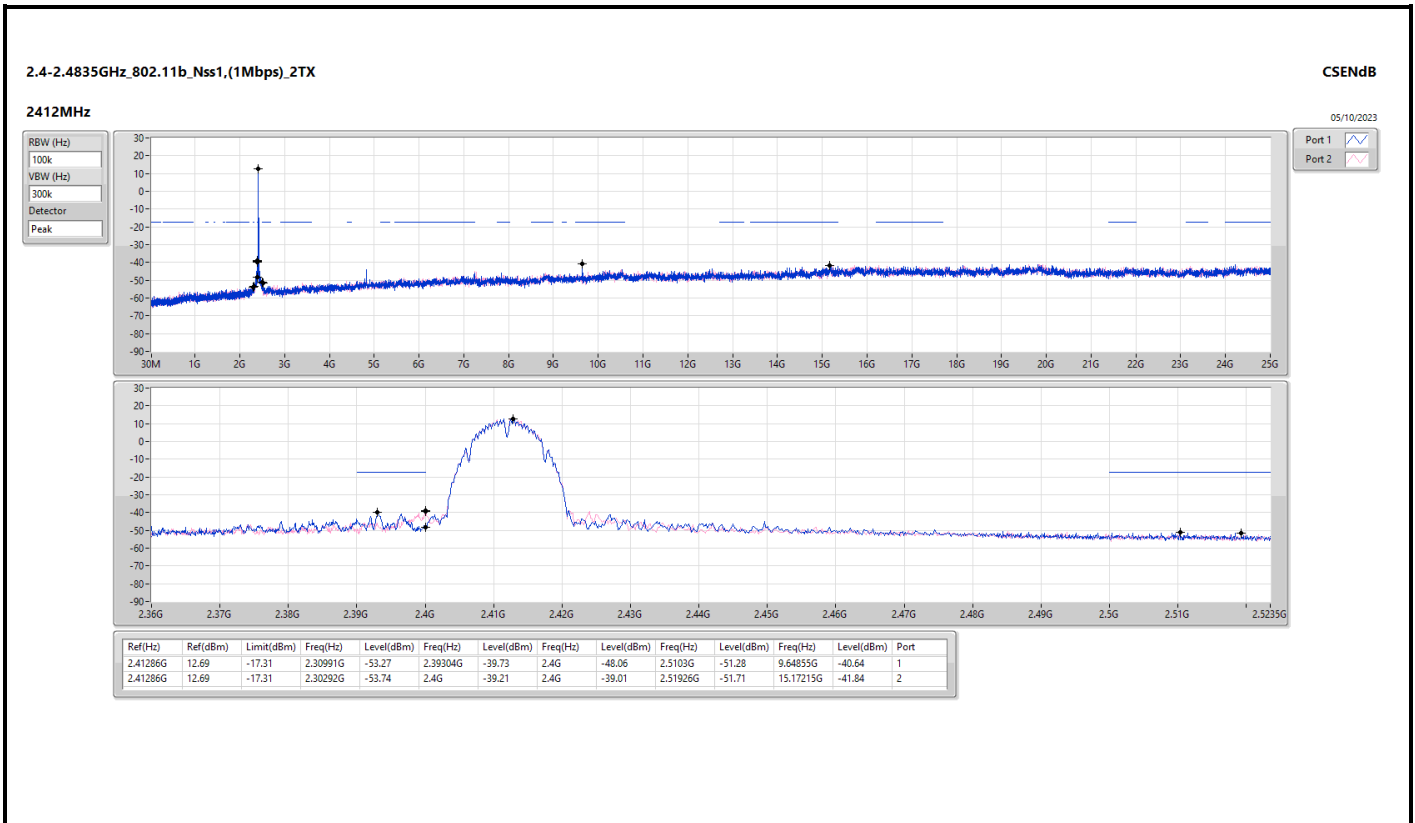
Summary

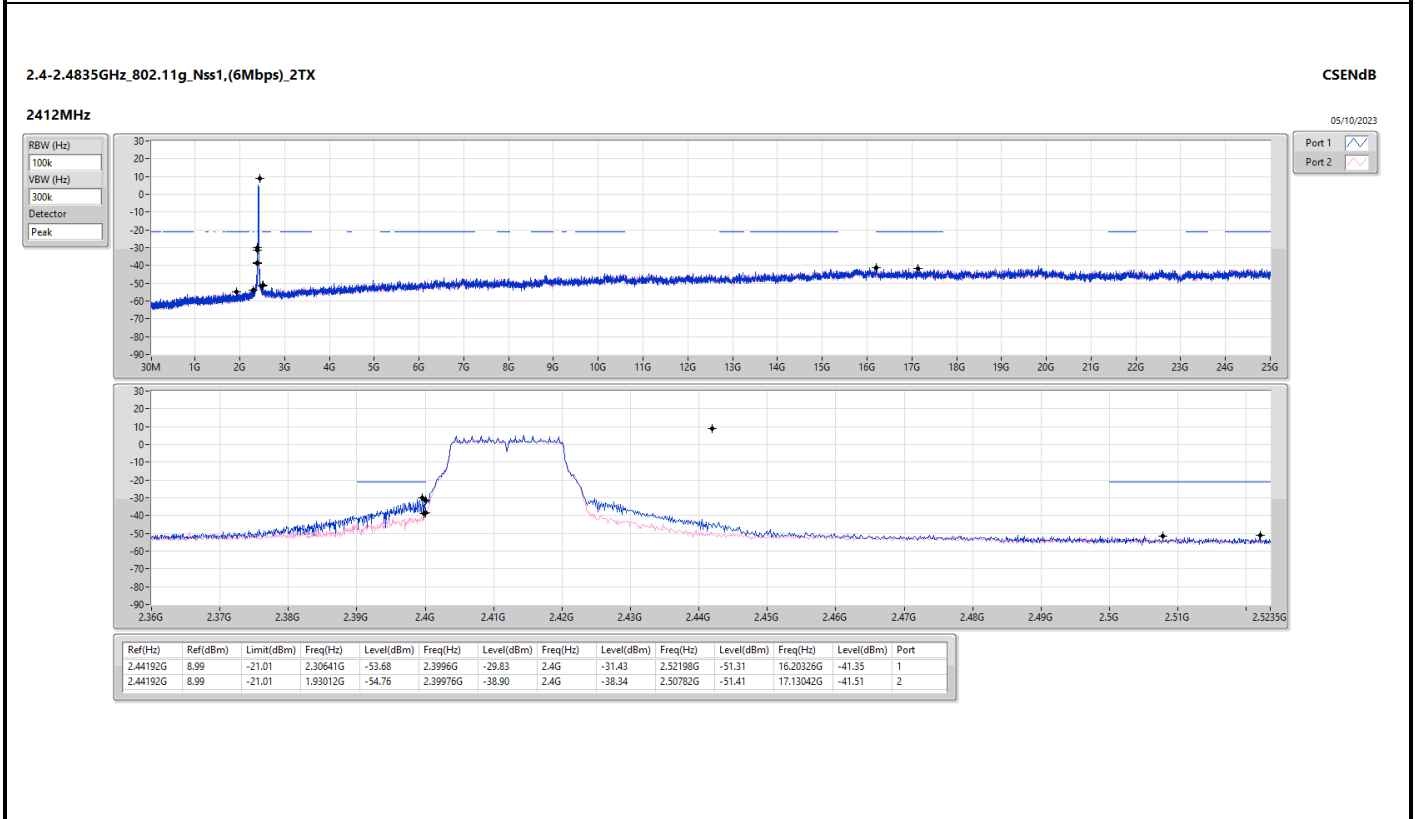
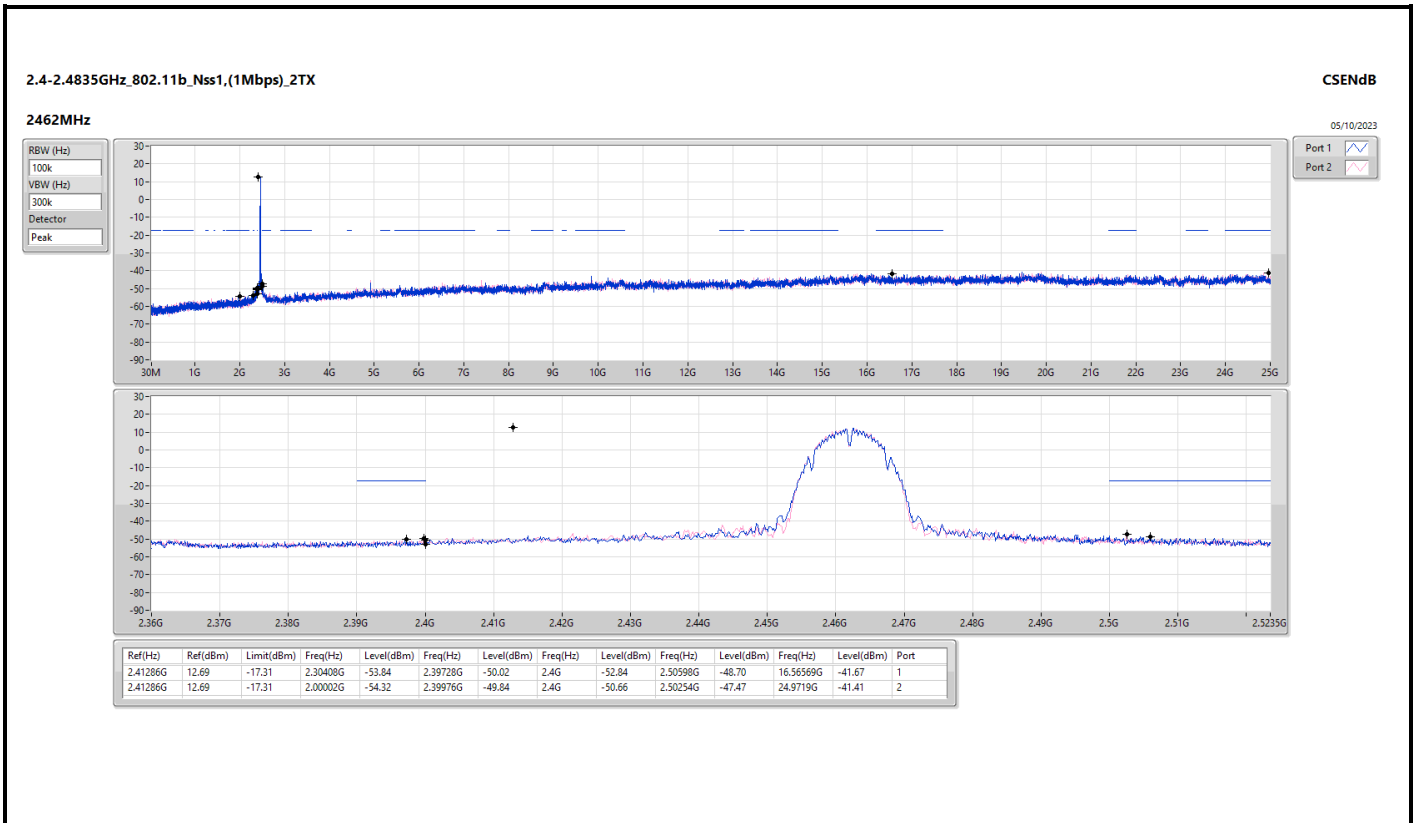
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41286G	12.69	-17.31	2.30292G	-53.74	2.4G	-39.21	2.4G	-39.01	2.51926G	-51.71	15.17215G	-41.84	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	8.99	-21.01	2.30641G	-53.68	2.3996G	-29.83	2.4G	-31.43	2.52198G	-51.31	16.20326G	-41.35	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43941G	8.96	-21.04	2.30641G	-54.17	2.39856G	-33.19	2.4G	-35.30	2.50238G	-51.56	21.93196G	-40.85	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.4319G	4.29	-25.71	2.30397G	-52.80	2.39952G	-30.85	2.4G	-36.23	2.5003G	-43.48	16.92566G	-39.73	1

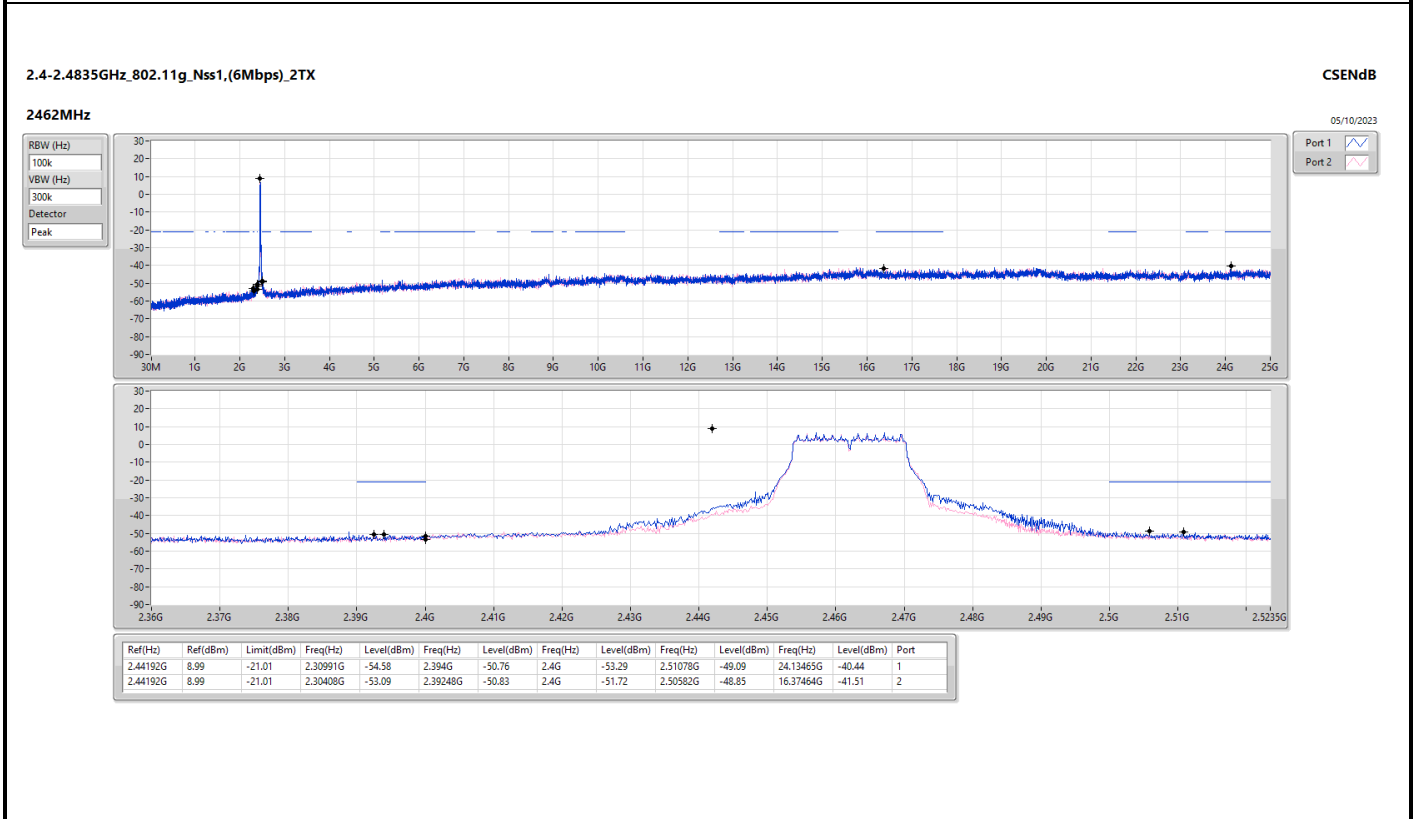
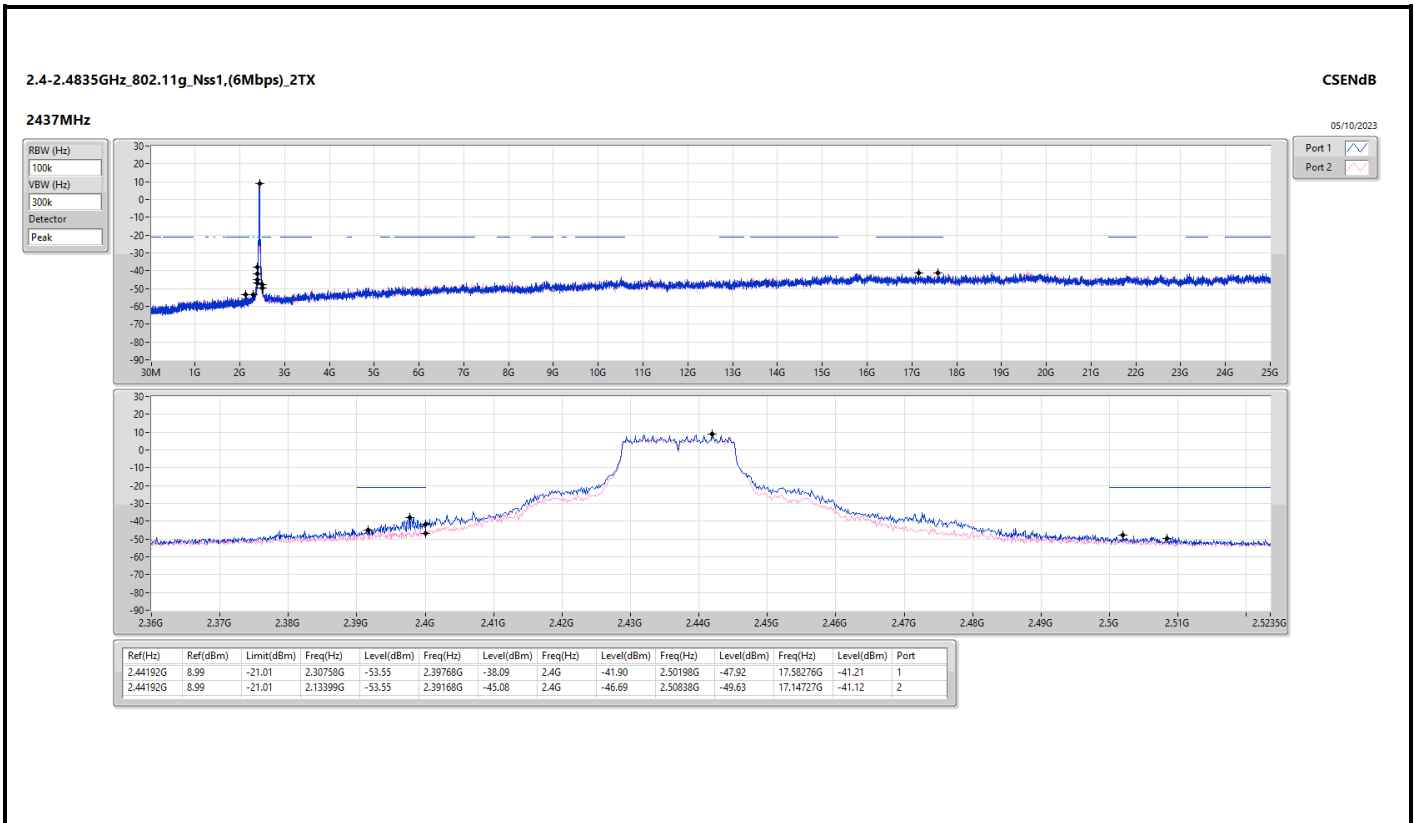


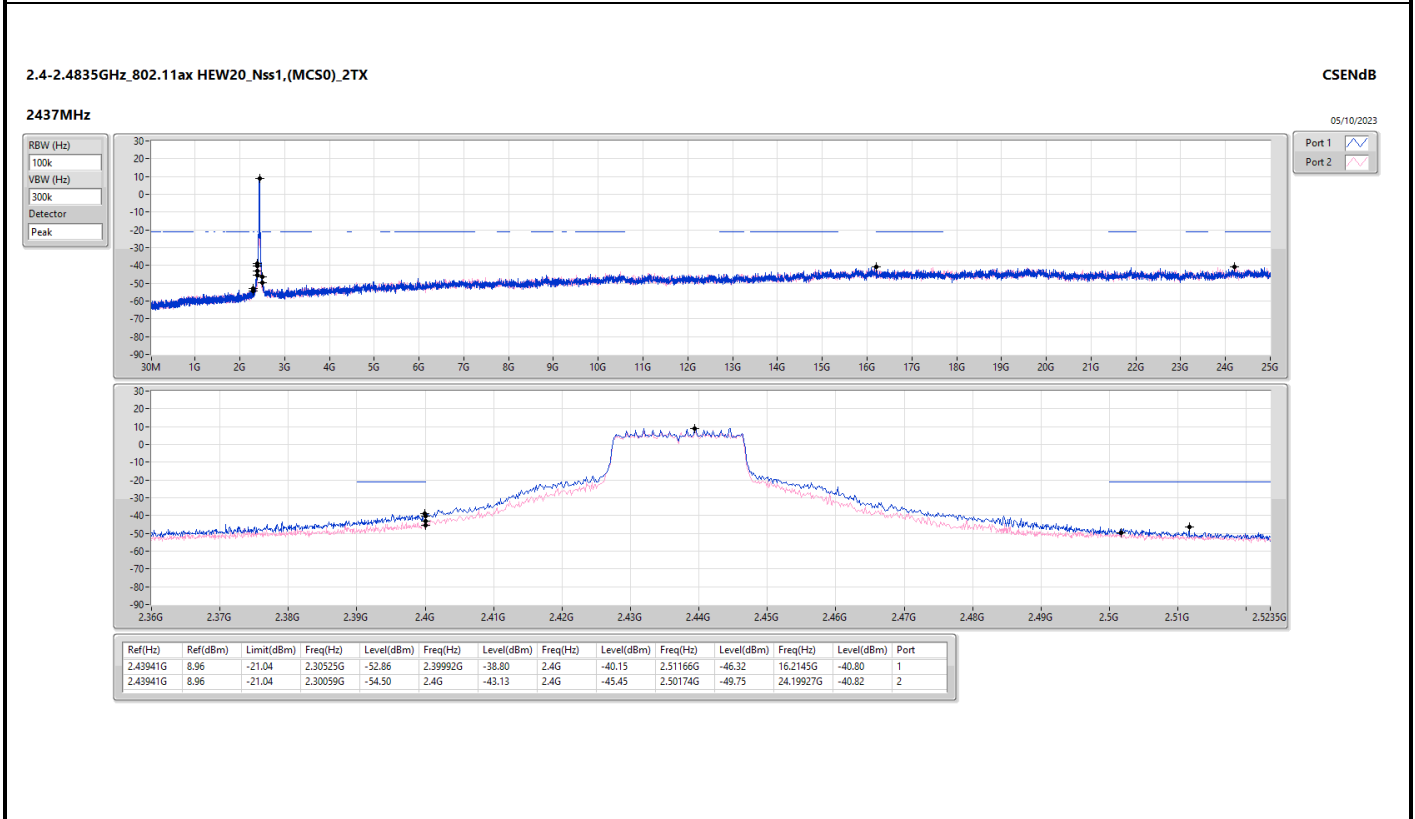
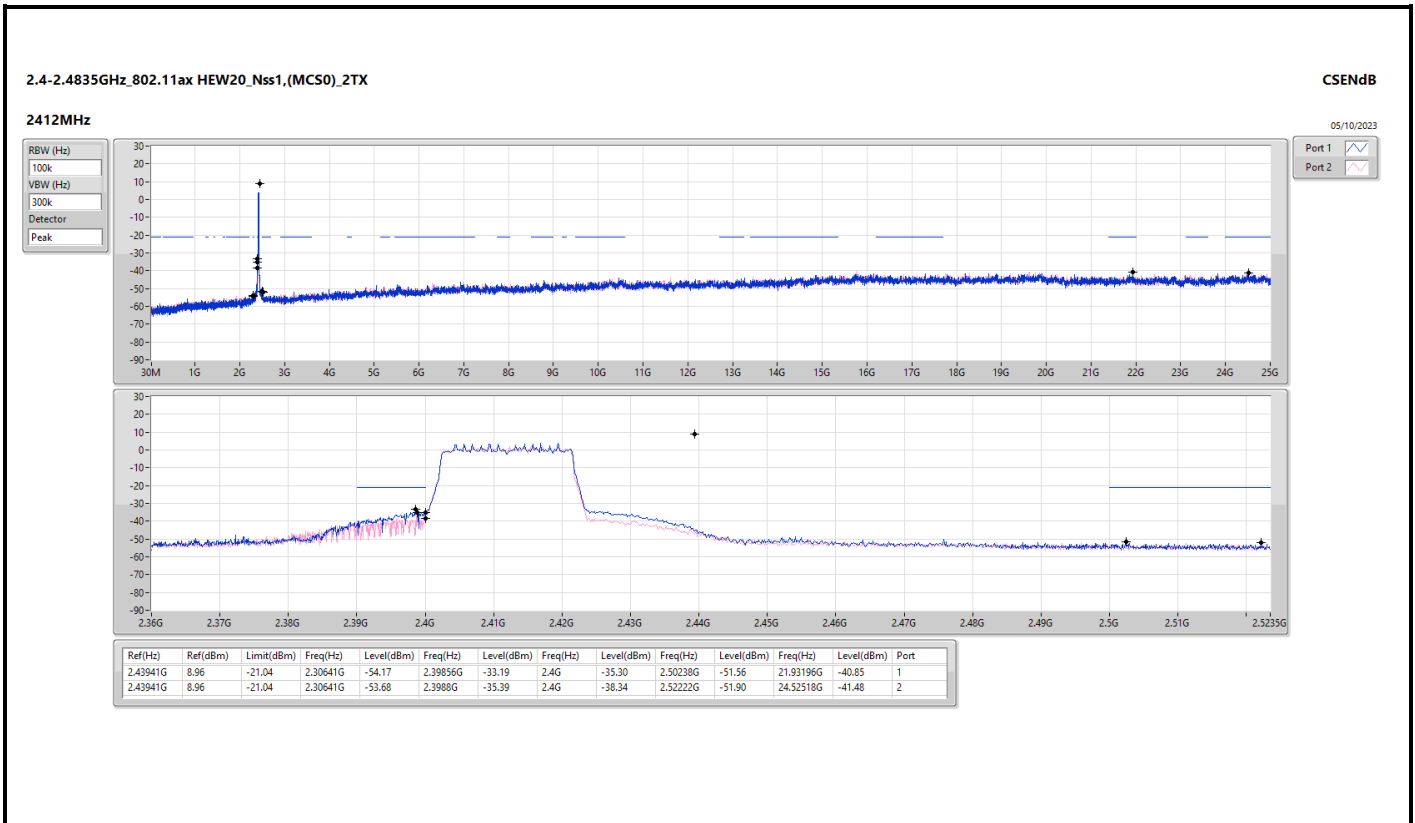
Result

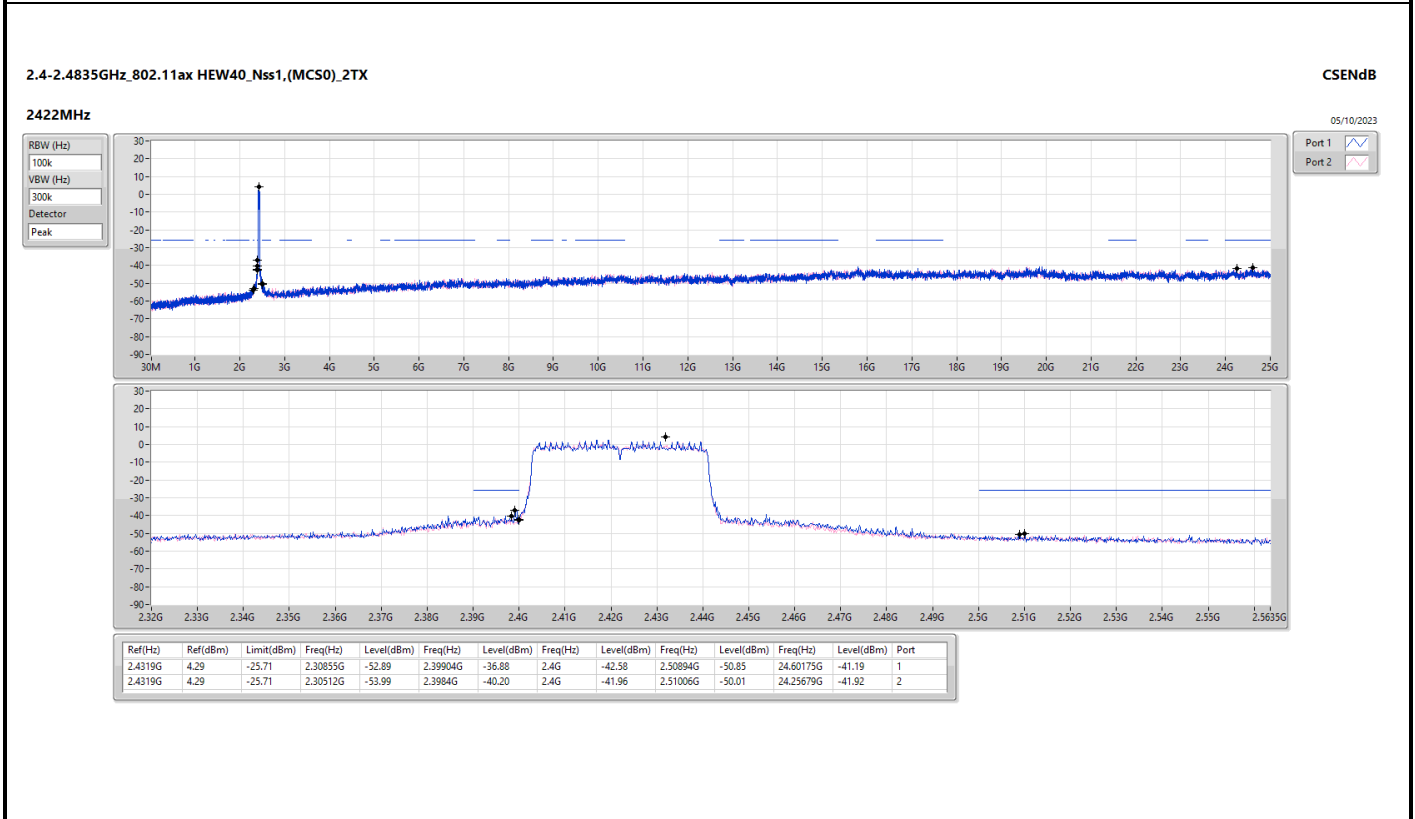
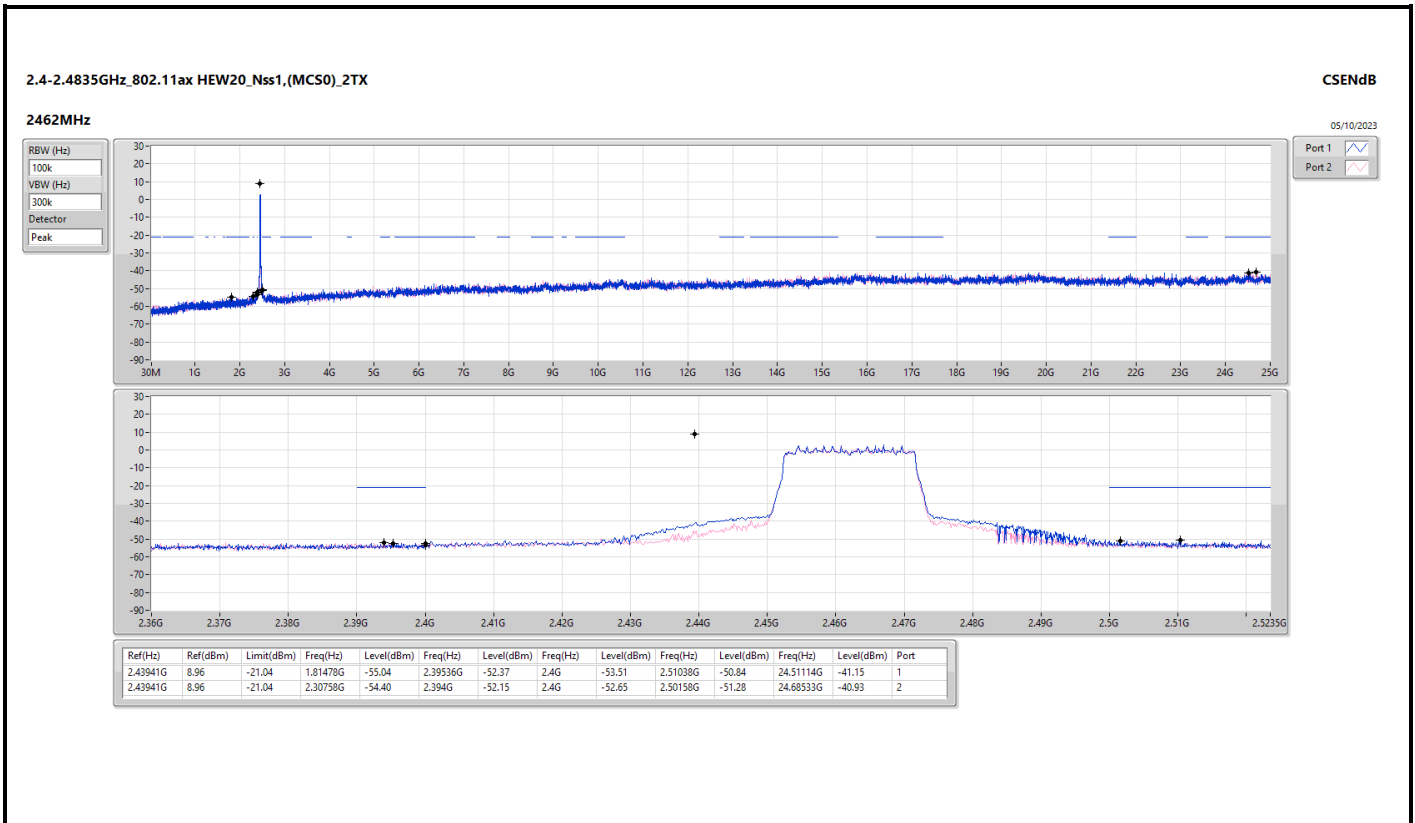
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41286G	12.69	-17.31	2.30991G	-53.27	2.39304G	-39.73	2.4G	-48.06	2.5103G	-51.28	9.64855G	-40.64	1
2412MHz	Pass	2.41286G	12.69	-17.31	2.30292G	-53.74	2.4G	-39.21	2.4G	-39.01	2.51926G	-51.71	15.17215G	-41.84	2
2437MHz	Pass	2.41286G	12.69	-17.31	2.17477G	-54.59	2.39728G	-47.92	2.4G	-49.86	2.51398G	-50.38	24.51676G	-41.47	1
2437MHz	Pass	2.41286G	12.69	-17.31	2.15729G	-53.87	2.39896G	-46.99	2.4G	-50.01	2.51214G	-50.74	24.882G	-41.66	2
2462MHz	Pass	2.41286G	12.69	-17.31	2.30408G	-53.84	2.39728G	-50.02	2.4G	-52.84	2.50598G	-48.70	16.56569G	-41.67	1
2462MHz	Pass	2.41286G	12.69	-17.31	2.00002G	-54.32	2.39976G	-49.84	2.4G	-50.66	2.50254G	-47.47	24.9719G	-41.41	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	8.99	-21.01	2.30641G	-53.68	2.3996G	-29.83	2.4G	-31.43	2.52198G	-51.31	16.20326G	-41.35	1
2412MHz	Pass	2.44192G	8.99	-21.01	1.93012G	-54.76	2.39976G	-38.90	2.4G	-38.34	2.50782G	-51.41	17.13042G	-41.51	2
2437MHz	Pass	2.44192G	8.99	-21.01	2.30758G	-53.55	2.39768G	-38.09	2.4G	-41.90	2.50198G	-47.92	17.58276G	-41.21	1
2437MHz	Pass	2.44192G	8.99	-21.01	2.13399G	-53.55	2.39168G	-45.08	2.4G	-46.69	2.50838G	-49.63	17.14727G	-41.12	2
2462MHz	Pass	2.44192G	8.99	-21.01	2.30991G	-54.58	2.394G	-50.76	2.4G	-53.29	2.51078G	-49.09	24.13465G	-40.44	1
2462MHz	Pass	2.44192G	8.99	-21.01	2.30408G	-53.09	2.39248G	-50.83	2.4G	-51.72	2.50582G	-48.85	16.37464G	-41.51	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	8.96	-21.04	2.30641G	-54.17	2.39856G	-33.19	2.4G	-35.30	2.50238G	-51.56	21.93196G	-40.85	1
2412MHz	Pass	2.43941G	8.96	-21.04	2.30641G	-53.68	2.3988G	-35.39	2.4G	-38.34	2.52222G	-51.90	24.52518G	-41.48	2
2437MHz	Pass	2.43941G	8.96	-21.04	2.30525G	-52.86	2.39992G	-38.80	2.4G	-40.15	2.51166G	-46.32	16.2145G	-40.80	1
2437MHz	Pass	2.43941G	8.96	-21.04	2.30059G	-54.50	2.4G	-43.13	2.4G	-45.45	2.50174G	-49.75	24.19927G	-40.82	2
2462MHz	Pass	2.43941G	8.96	-21.04	1.81478G	-55.04	2.39536G	-52.37	2.4G	-53.51	2.51038G	-50.84	24.51114G	-41.15	1
2462MHz	Pass	2.43941G	8.96	-21.04	2.30758G	-54.40	2.394G	-52.15	2.4G	-52.65	2.50158G	-51.28	24.68533G	-40.93	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4319G	4.29	-25.71	2.30855G	-52.89	2.39904G	-36.88	2.4G	-42.58	2.50894G	-50.85	24.60175G	-41.19	1
2422MHz	Pass	2.4319G	4.29	-25.71	2.30512G	-53.99	2.3984G	-40.20	2.4G	-41.96	2.51006G	-50.01	24.25679G	-41.92	2
2437MHz	Pass	2.4319G	4.29	-25.71	2.30397G	-52.80	2.39952G	-30.85	2.4G	-36.23	2.5003G	-43.48	16.92566G	-39.73	1
2437MHz	Pass	2.4319G	4.29	-25.71	2.30397G	-52.97	2.39952G	-34.50	2.4G	-39.49	2.50014G	-46.31	16.24135G	-41.19	2
2452MHz	Pass	2.4319G	4.29	-25.71	2.30741G	-52.32	2.39952G	-48.09	2.4G	-48.42	2.50142G	-44.13	24.14741G	-41.27	1
2452MHz	Pass	2.4319G	4.29	-25.71	2.30512G	-53.62	2.39136G	-48.67	2.4G	-48.78	2.50046G	-46.14	24.56529G	-41.52	2

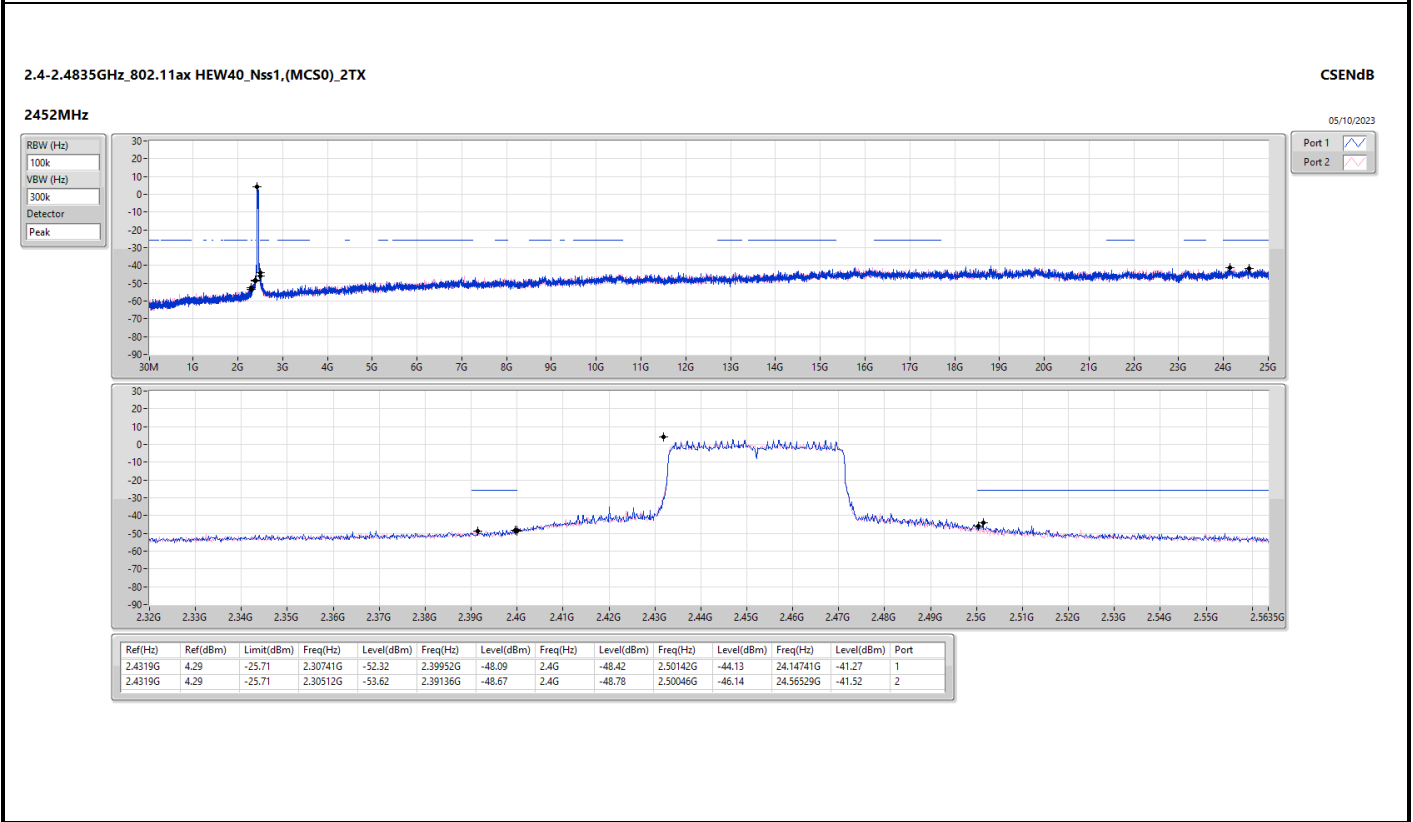
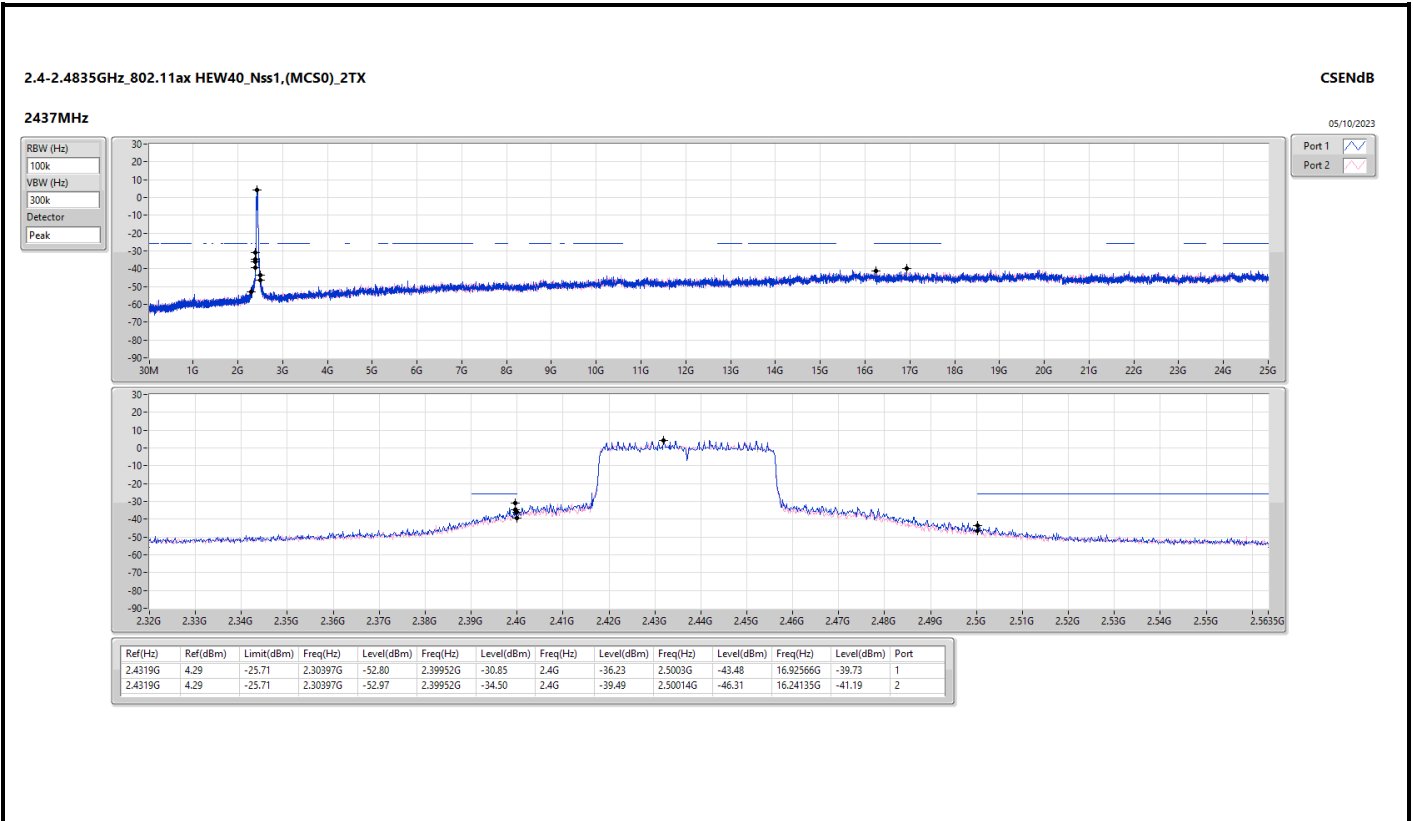














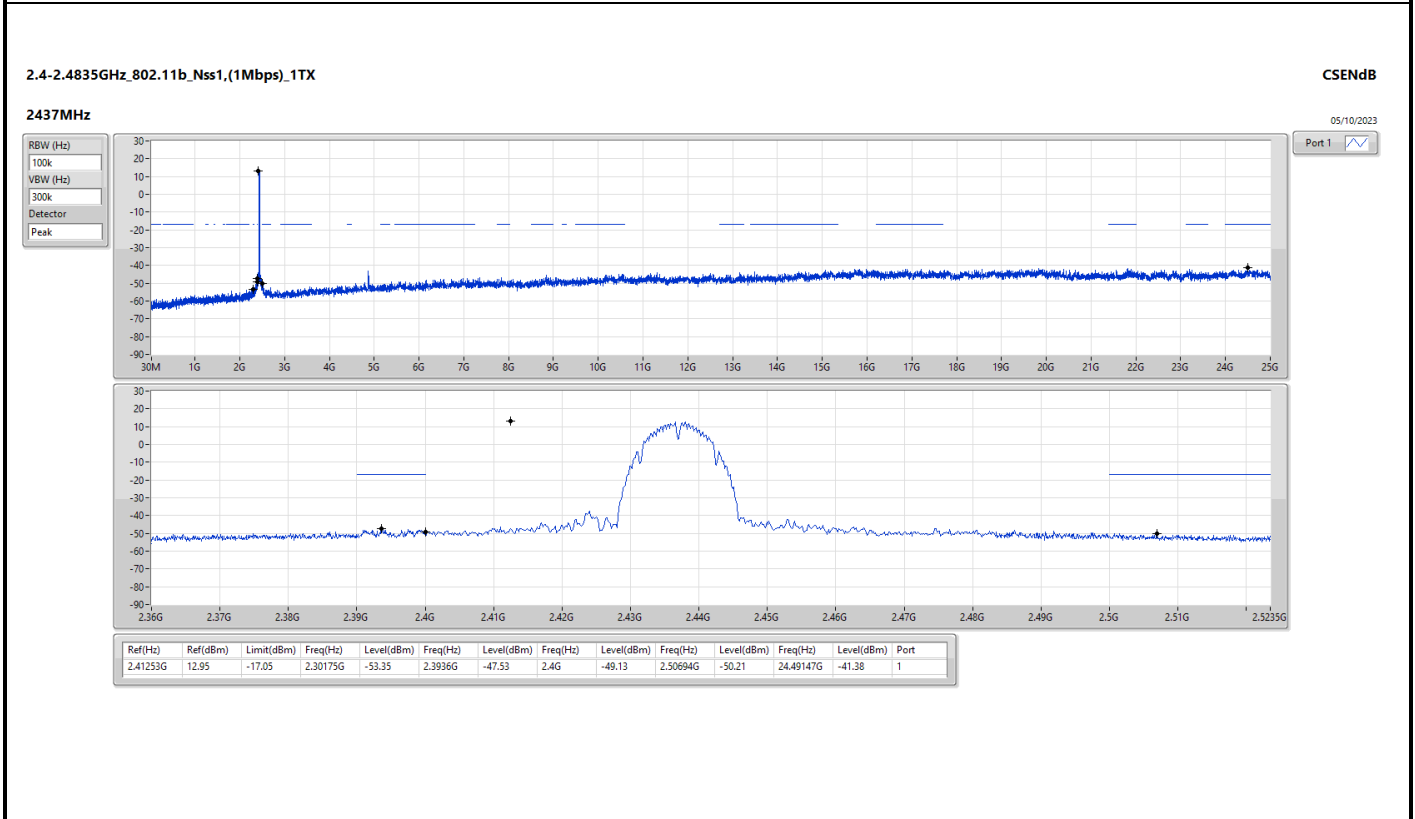
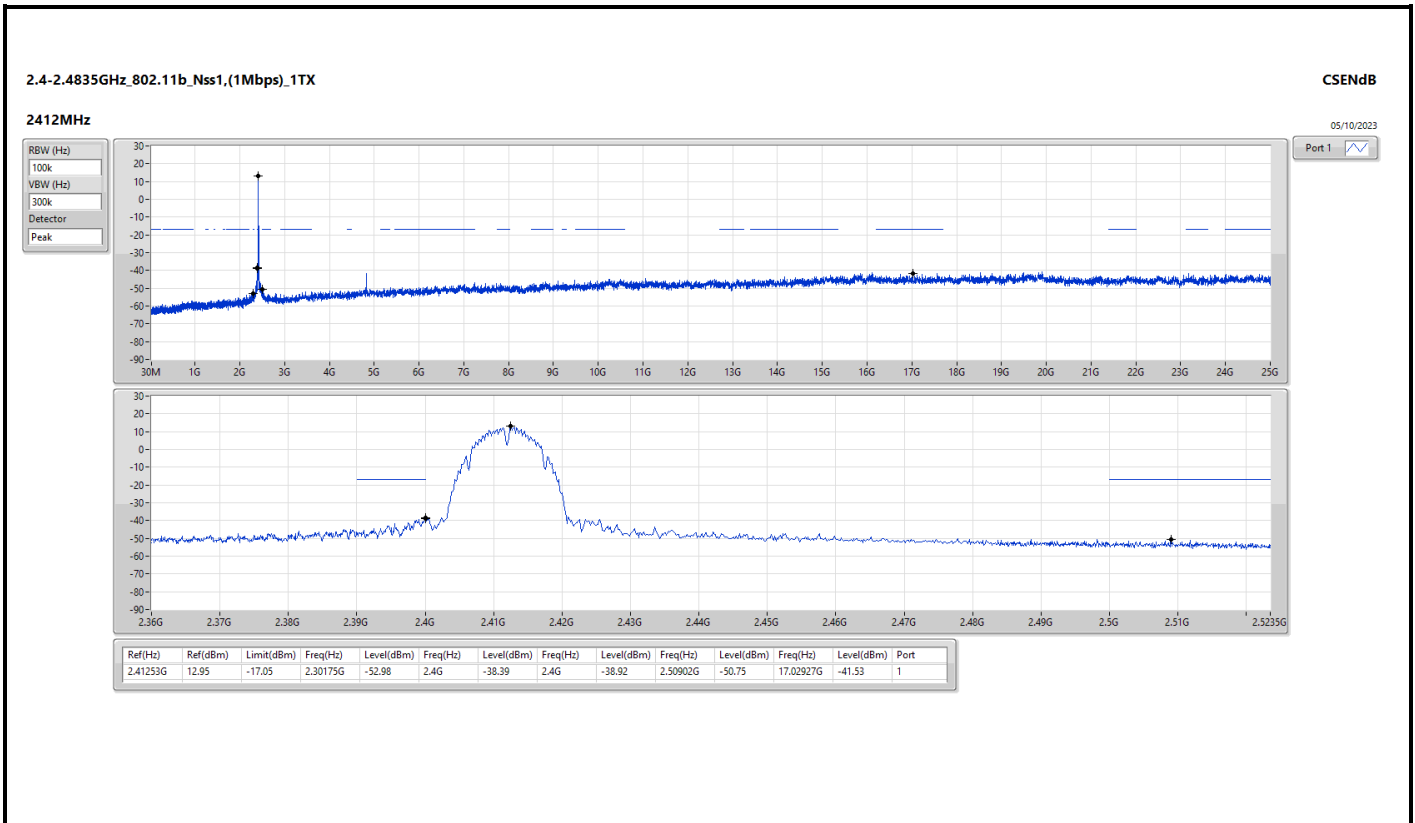
Summary

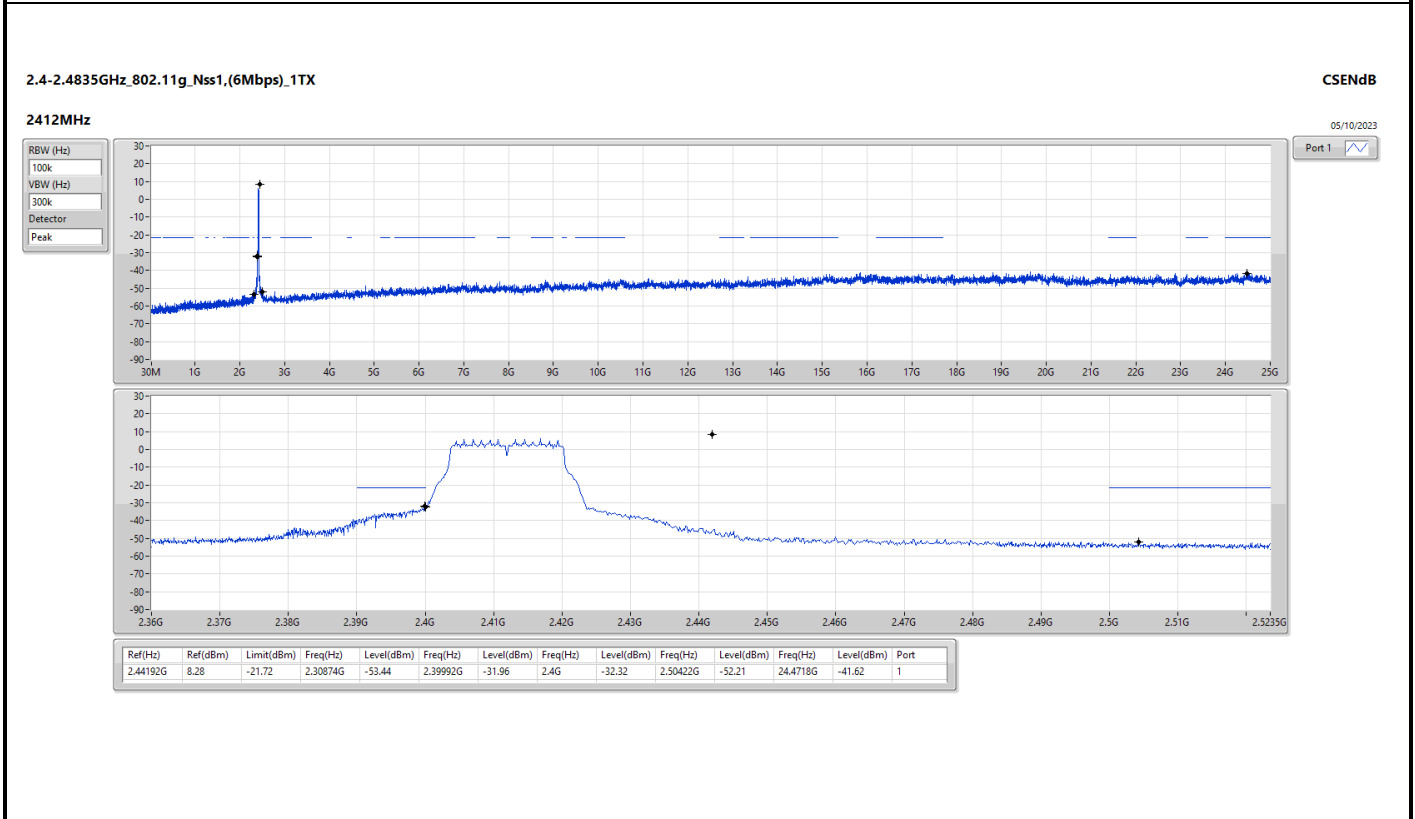
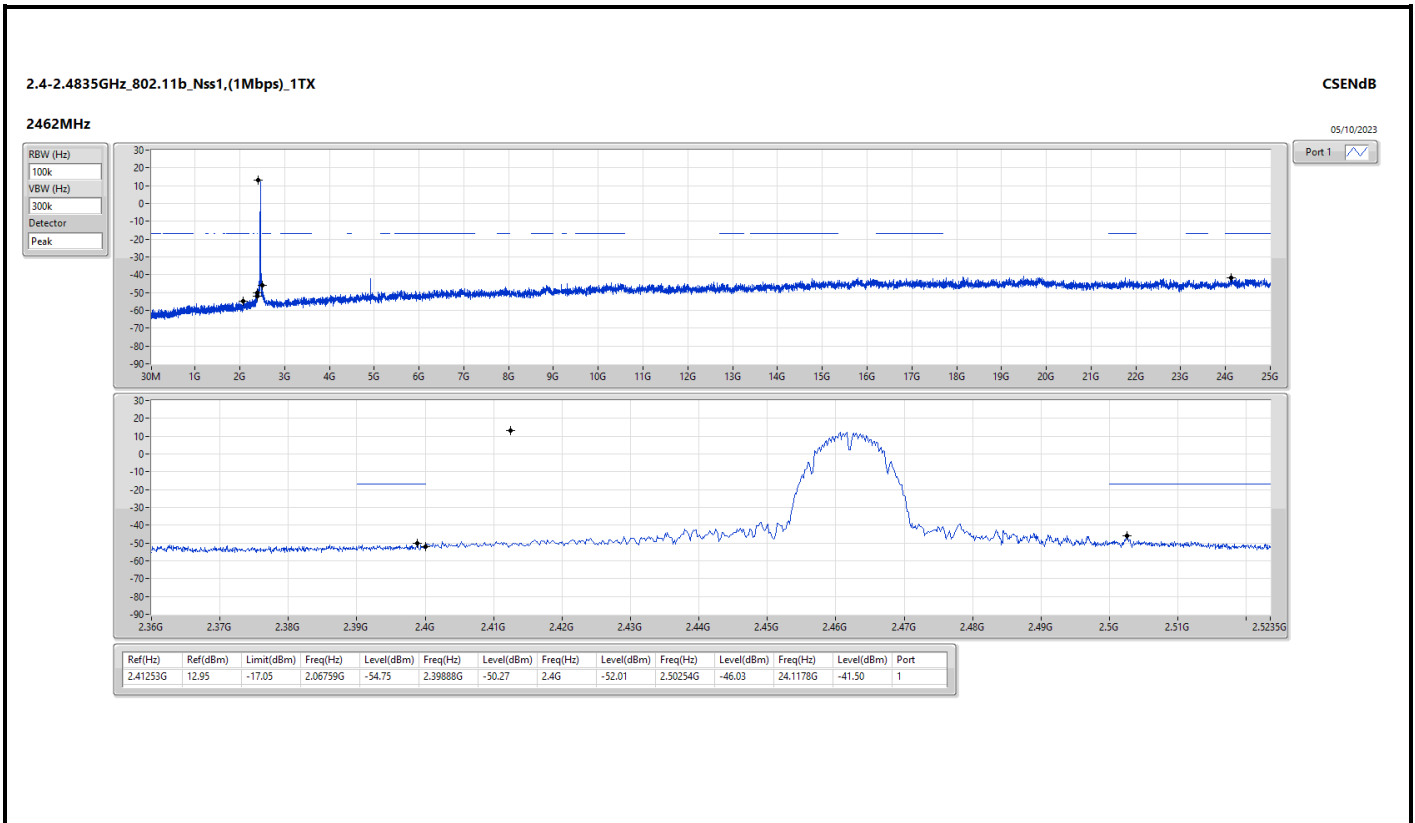
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.41253G	12.95	-17.05	2.30175G	-52.98	2.4G	-38.39	2.4G	-38.92	2.50902G	-50.75	17.02927G	-41.53	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44192G	8.28	-21.72	2.30874G	-53.44	2.39992G	-31.96	2.4G	-32.32	2.50422G	-52.21	24.4718G	-41.62	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43073G	7.92	-22.08	2.30991G	-53.87	2.39992G	-35.73	2.4G	-35.24	2.50782G	-52.51	24.57014G	-41.01	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.44208G	3.59	-26.41	2.30741G	-52.57	2.39872G	-38.41	2.4G	-39.69	2.50094G	-44.15	17.58474G	-41.62	1
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41102G	12.65	-17.35	2.16778G	-54.52	2.39856G	-38.26	2.4G	-41.09	2.5119G	-51.29	24.42123G	-40.99	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	8.38	-21.62	2.12001G	-53.58	2.39952G	-34.00	2.4G	-35.78	2.50894G	-50.93	21.87858G	-40.81	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43941G	8.19	-21.81	2.08623G	-54.32	2.39984G	-37.00	2.4G	-37.72	2.50158G	-52.45	24.57857G	-41.39	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43457G	3.72	-26.28	2.18375G	-52.80	2.39648G	-36.22	2.4G	-42.95	2.50094G	-50.51	24.57371G	-41.40	2

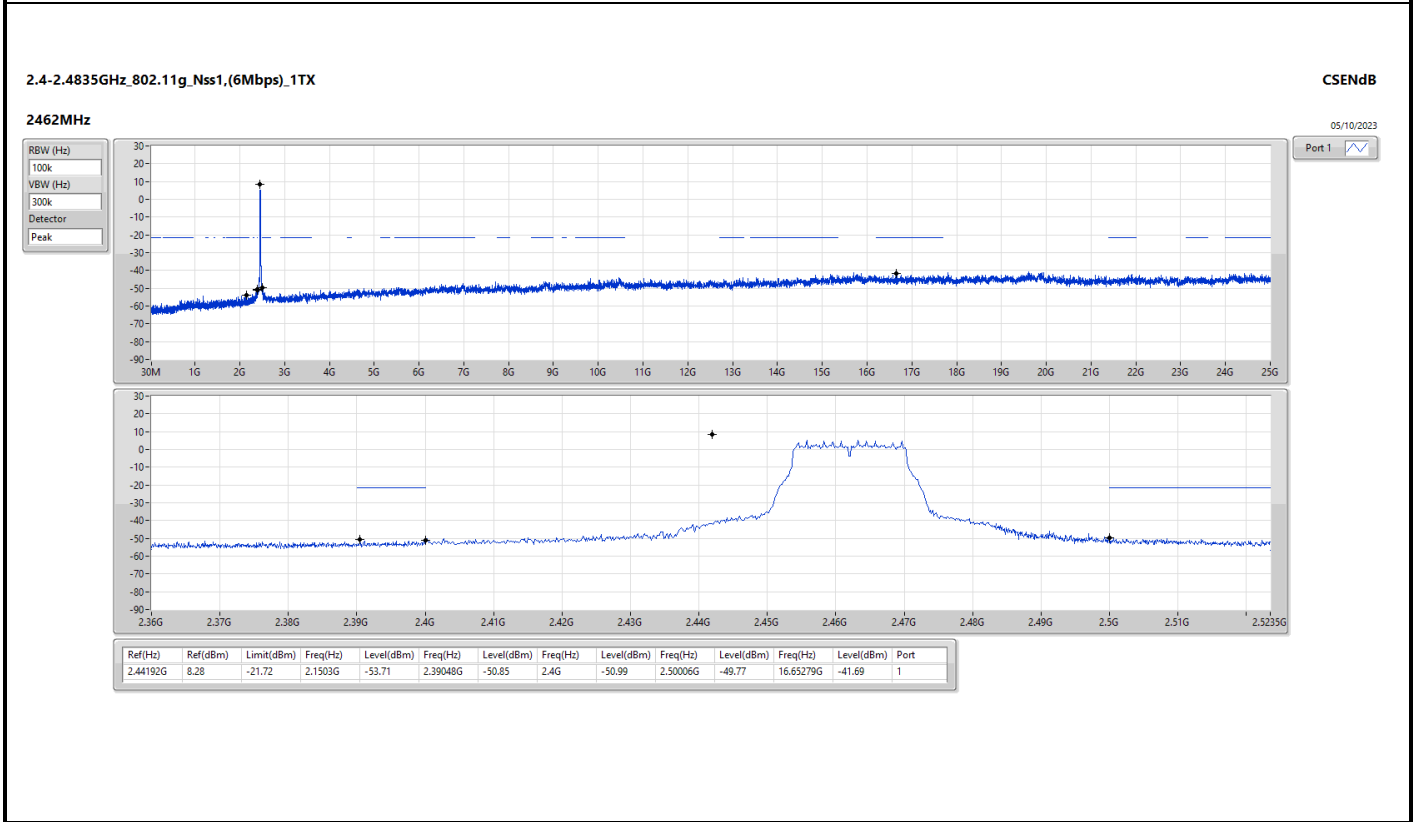
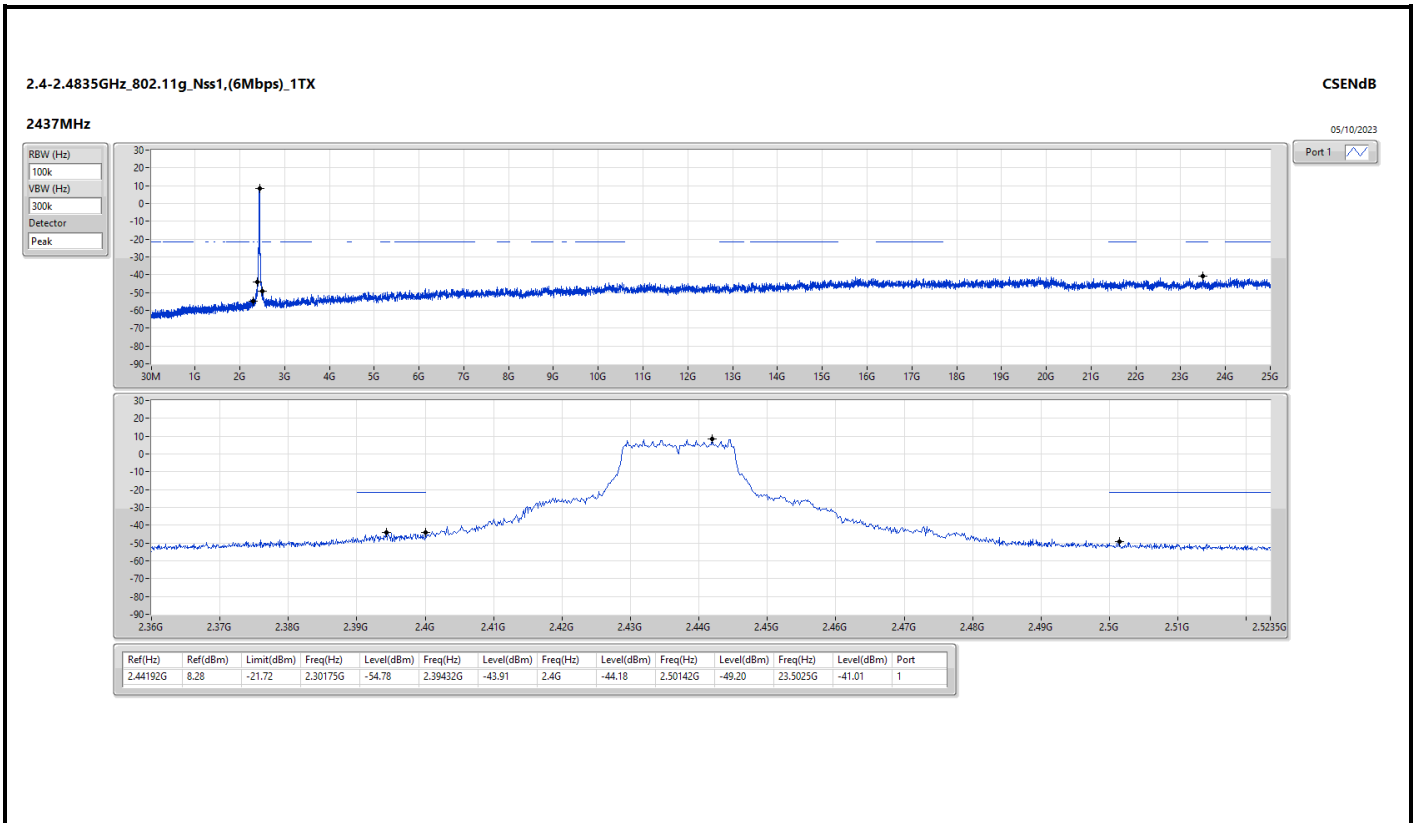


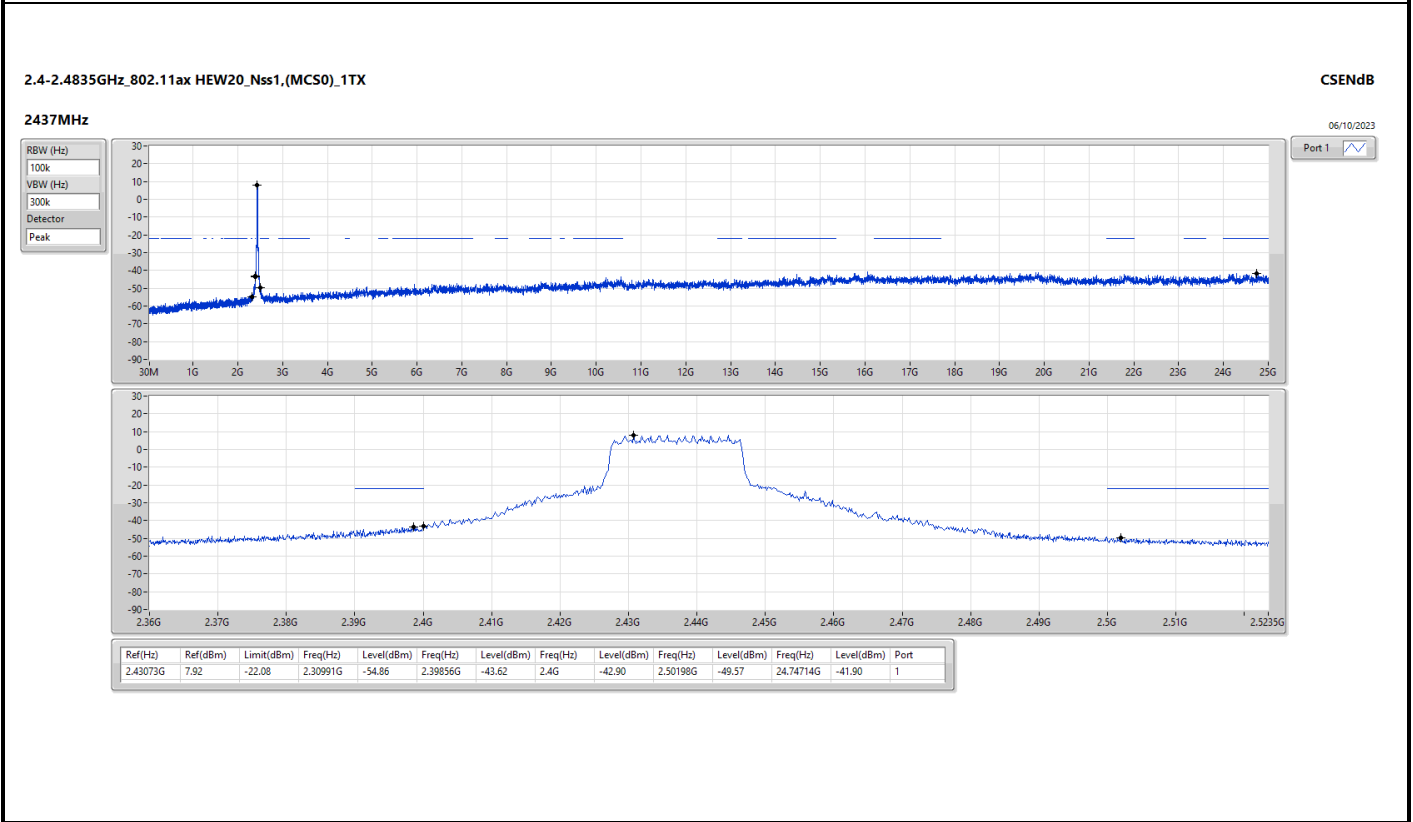
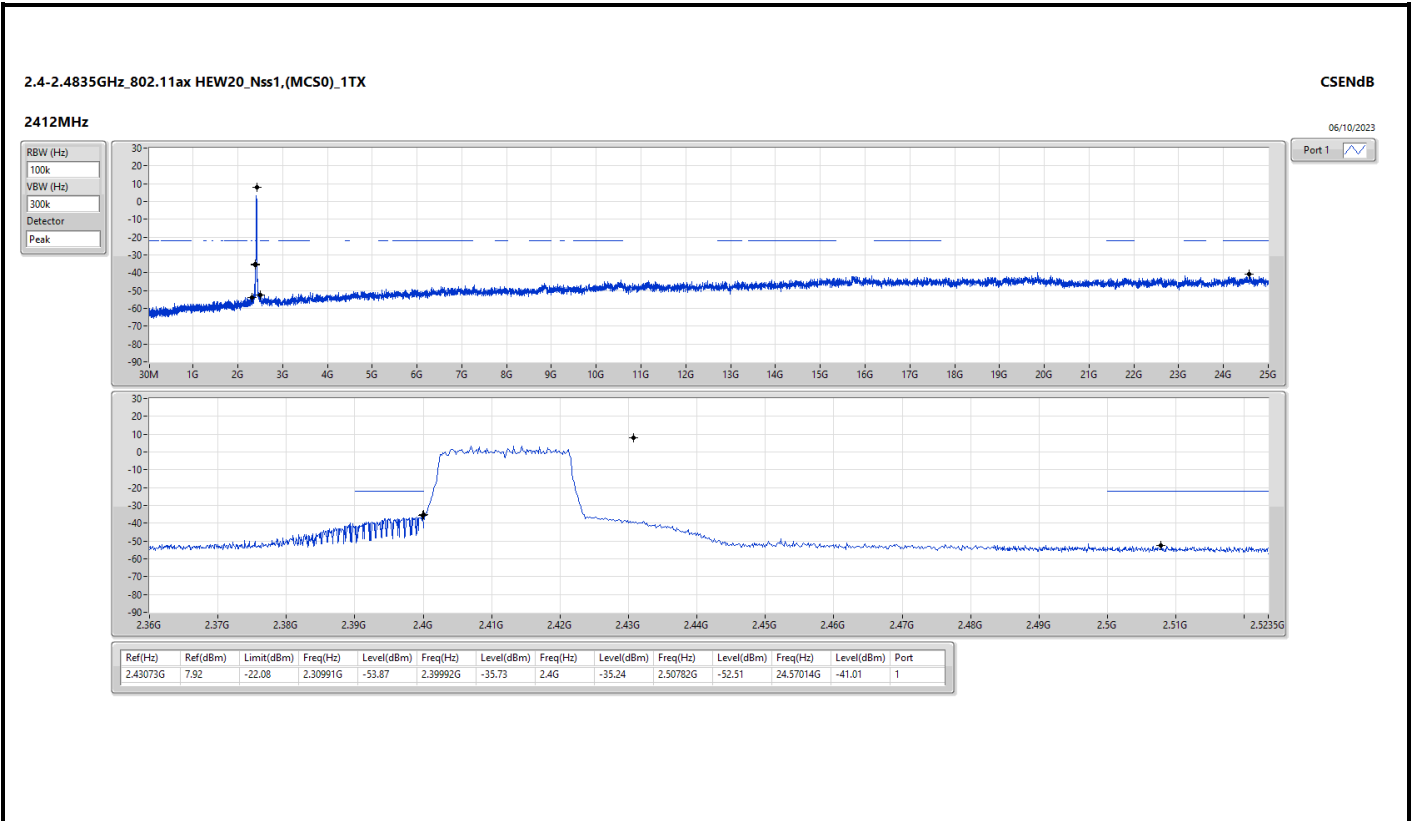
Result

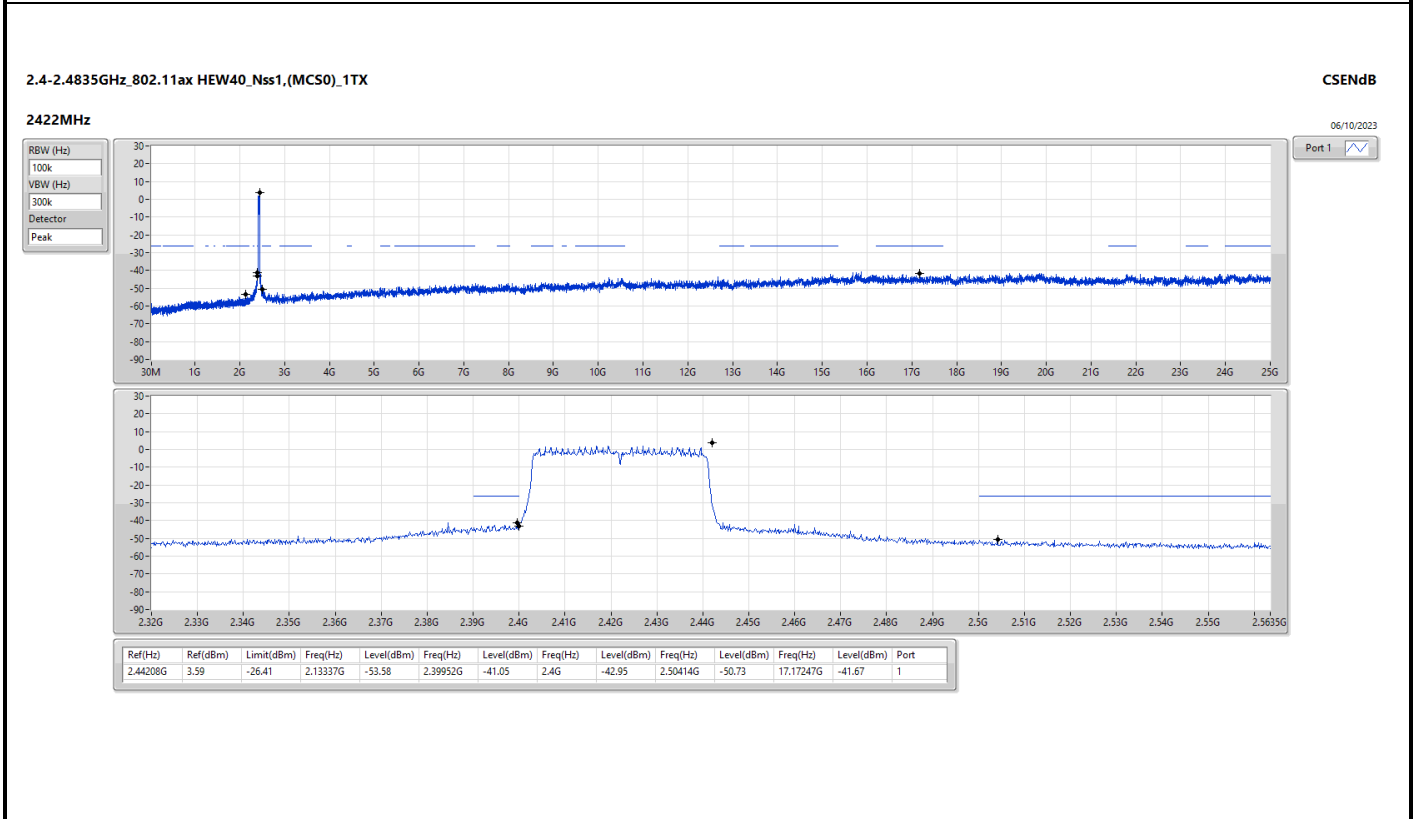
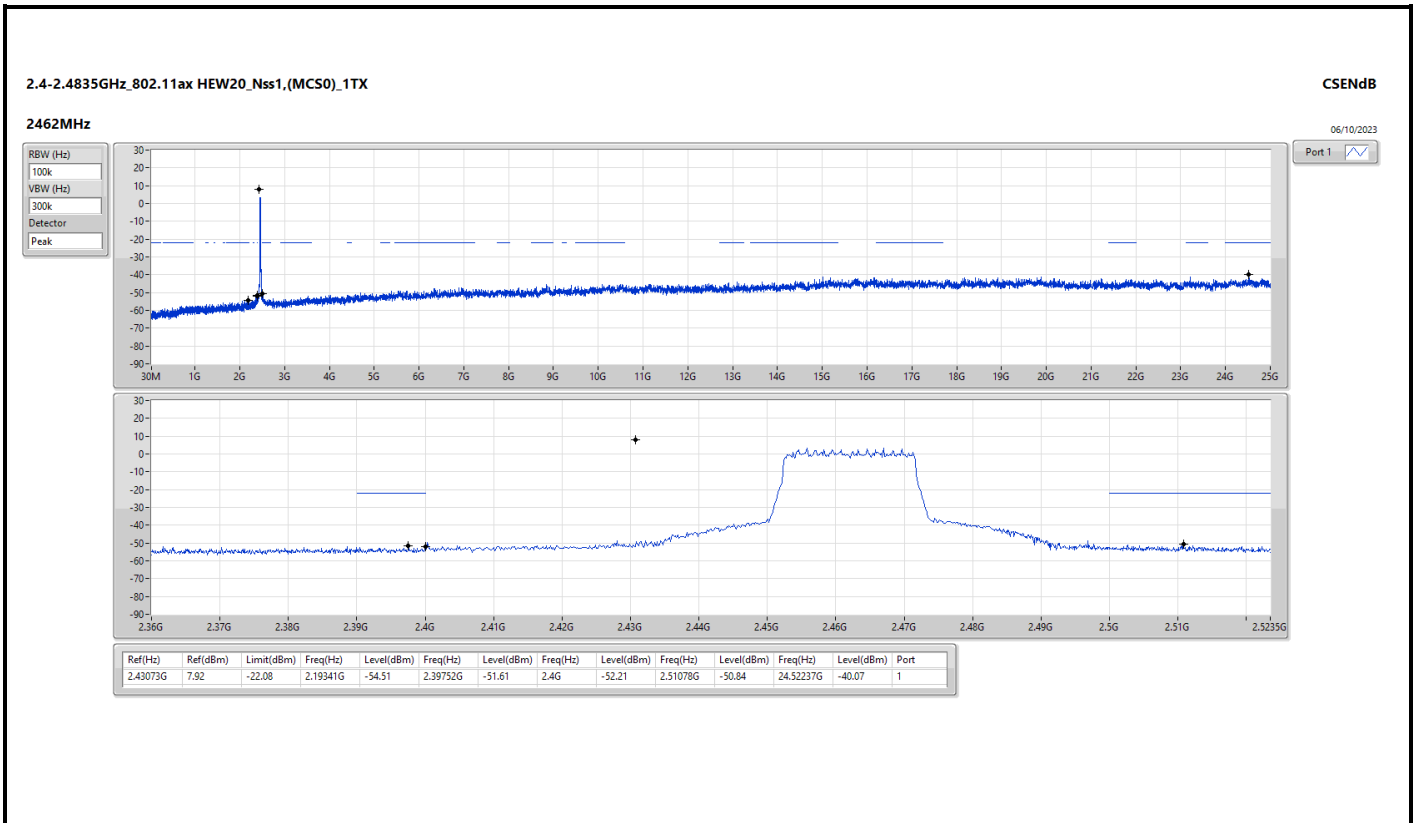
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41253G	12.95	-17.05	2.30175G	-52.98	2.4G	-38.39	2.4G	-38.92	2.50902G	-50.75	17.02927G	-41.53	1
2437MHz	Pass	2.41253G	12.95	-17.05	2.30175G	-53.35	2.3936G	-47.53	2.4G	-49.13	2.50694G	-50.21	24.49147G	-41.38	1
2462MHz	Pass	2.41253G	12.95	-17.05	2.06759G	-54.75	2.39888G	-50.27	2.4G	-52.01	2.50254G	-46.03	24.1178G	-41.50	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	8.28	-21.72	2.30874G	-53.44	2.39992G	-31.96	2.4G	-32.32	2.50422G	-52.21	24.4718G	-41.62	1
2437MHz	Pass	2.44192G	8.28	-21.72	2.30175G	-54.78	2.39432G	-43.91	2.4G	-44.18	2.50142G	-49.20	23.5025G	-41.01	1
2462MHz	Pass	2.44192G	8.28	-21.72	2.1503G	-53.71	2.39048G	-50.85	2.4G	-50.99	2.50006G	-49.77	16.65279G	-41.69	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	7.92	-22.08	2.30991G	-53.87	2.39992G	-35.73	2.4G	-35.24	2.50782G	-52.51	24.57014G	-41.01	1
2437MHz	Pass	2.43073G	7.92	-22.08	2.30991G	-54.86	2.39856G	-43.62	2.4G	-42.90	2.50198G	-49.57	24.74714G	-41.90	1
2462MHz	Pass	2.43073G	7.92	-22.08	2.19341G	-54.51	2.39752G	-51.61	2.4G	-52.21	2.51078G	-50.84	24.52237G	-40.07	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44208G	3.59	-26.41	2.13337G	-53.58	2.39952G	-41.05	2.4G	-42.95	2.50414G	-50.73	17.17247G	-41.67	1
2437MHz	Pass	2.44208G	3.59	-26.41	2.30741G	-52.57	2.39872G	-38.41	2.4G	-39.69	2.50094G	-44.15	17.58474G	-41.62	1
2452MHz	Pass	2.44208G	3.59	-26.41	2.30512G	-53.94	2.3904G	-47.42	2.4G	-47.72	2.50446G	-45.23	16.40402G	-41.97	1
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41102G	12.65	-17.35	2.16778G	-54.52	2.39856G	-38.26	2.4G	-41.09	2.5119G	-51.29	24.42123G	-40.99	1
2412MHz	Pass	2.41102G	12.65	-17.35	2.30525G	-54.51	2.39656G	-42.16	2.4G	-47.94	2.50374G	-51.81	21.82238G	-40.06	2
2437MHz	Pass	2.41102G	12.65	-17.35	1.88818G	-55.01	2.39656G	-46.68	2.4G	-49.70	2.51198G	-50.48	15.34353G	-40.30	1
2437MHz	Pass	2.41102G	12.65	-17.35	2.30408G	-53.99	2.3976G	-47.96	2.4G	-48.76	2.51534G	-50.30	23.25526G	-41.11	2
2462MHz	Pass	2.41102G	12.65	-17.35	2.30641G	-54.52	2.3968G	-49.81	2.4G	-51.58	2.50798G	-47.69	15.02043G	-41.45	1
2462MHz	Pass	2.41102G	12.65	-17.35	1.65285G	-54.65	2.39864G	-49.75	2.4G	-52.48	2.51046G	-49.81	17.15851G	-41.72	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	8.38	-21.62	2.30175G	-53.77	2.4G	-35.78	2.4G	-34.53	2.50814G	-52.05	24.77524G	-41.08	1
2412MHz	Pass	2.43073G	8.38	-21.62	2.12001G	-53.58	2.39952G	-34.00	2.4G	-35.78	2.50894G	-50.93	21.87858G	-40.81	2
2437MHz	Pass	2.43073G	8.38	-21.62	2.14914G	-54.00	2.39776G	-42.94	2.4G	-44.93	2.50366G	-49.51	16.25664G	-41.51	1
2437MHz	Pass	2.43073G	8.38	-21.62	2.30525G	-54.44	2.39672G	-42.85	2.4G	-43.12	2.50478G	-49.86	24.5308G	-41.87	2
2462MHz	Pass	2.43073G	8.38	-21.62	2.30758G	-54.32	2.39968G	-49.77	2.4G	-50.52	2.50542G	-49.45	24.52518G	-40.56	1
2462MHz	Pass	2.43073G	8.38	-21.62	2.30991G	-54.52	2.39416G	-50.39	2.4G	-52.91	2.5059G	-49.02	16.85508G	-41.56	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	8.19	-21.81	2.08623G	-54.32	2.39984G	-37.00	2.4G	-37.72	2.50158G	-52.45	24.57857G	-41.39	1
2412MHz	Pass	2.43941G	8.19	-21.81	2.30874G	-54.74	2.39944G	-37.75	2.4G	-38.82	2.51414G	-53.15	24.09532G	-41.04	2
2437MHz	Pass	2.43941G	8.19	-21.81	2.10953G	-54.35	2.39504G	-43.43	2.4G	-45.23	2.50238G	-48.33	24.51956G	-41.69	1
2437MHz	Pass	2.43941G	8.19	-21.81	2.30525G	-53.53	2.39704G	-42.96	2.4G	-43.62	2.50086G	-49.60	24.1487G	-41.26	2
2462MHz	Pass	2.43941G	8.19	-21.81	2.30758G	-54.52	2.3992G	-52.12	2.4G	-53.16	2.5051G	-50.12	24.71062G	-41.09	1
2462MHz	Pass	2.43941G	8.19	-21.81	2.04778G	-54.53	2.3944G	-51.10	2.4G	-53.31	2.50774G	-50.72	24.52518G	-40.49	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43457G	3.72	-26.28	2.3097G	-53.23	2.39872G	-39.03	2.4G	-41.95	2.50734G	-50.50	24.19229G	-41.66	1
2422MHz	Pass	2.43457G	3.72	-26.28	2.18375G	-52.80	2.39648G	-36.22	2.4G	-42.95	2.50094G	-50.51	24.57371G	-41.40	2
2437MHz	Pass	2.43457G	3.72	-26.28	2.30626G	-53.53	2.39984G	-37.88	2.4G	-37.68	2.50222G	-46.21	15.19805G	-41.21	1
2437MHz	Pass	2.43457G	3.72	-26.28	2.30855G	-53.79	2.39968G	-37.22	2.4G	-39.11	2.50094G	-47.21	17.03504G	-41.01	2
2452MHz	Pass	2.43457G	3.72	-26.28	2.30054G	-53.68	2.39728G	-48.05	2.4G	-48.93	2.50046G	-47.09	21.89254G	-41.49	1
2452MHz	Pass	2.43457G	3.72	-26.28	2.30855G	-54.54	2.39984G	-47.93	2.4G	-49.27	2.50158G	-47.34	24.48396G	-40.67	2

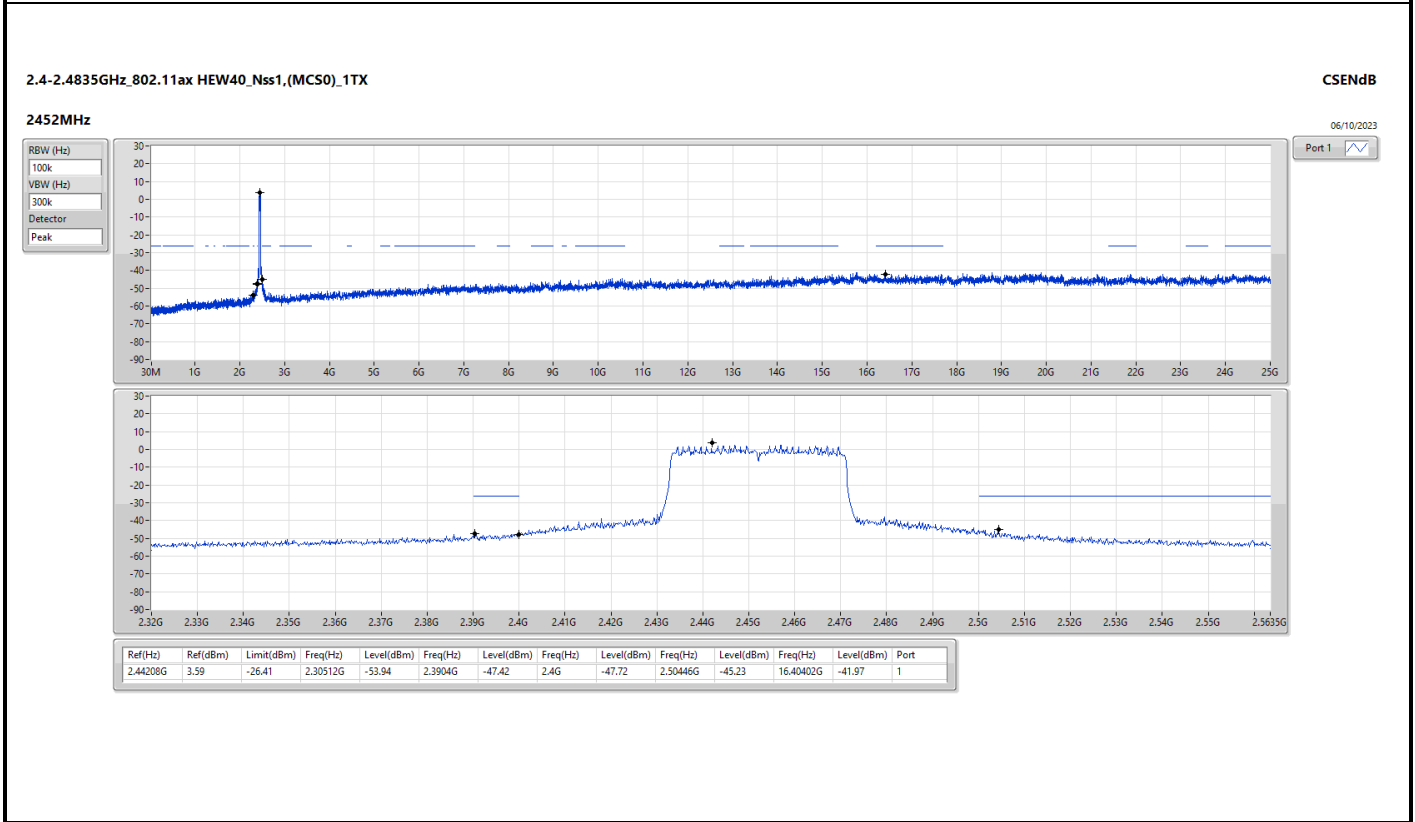
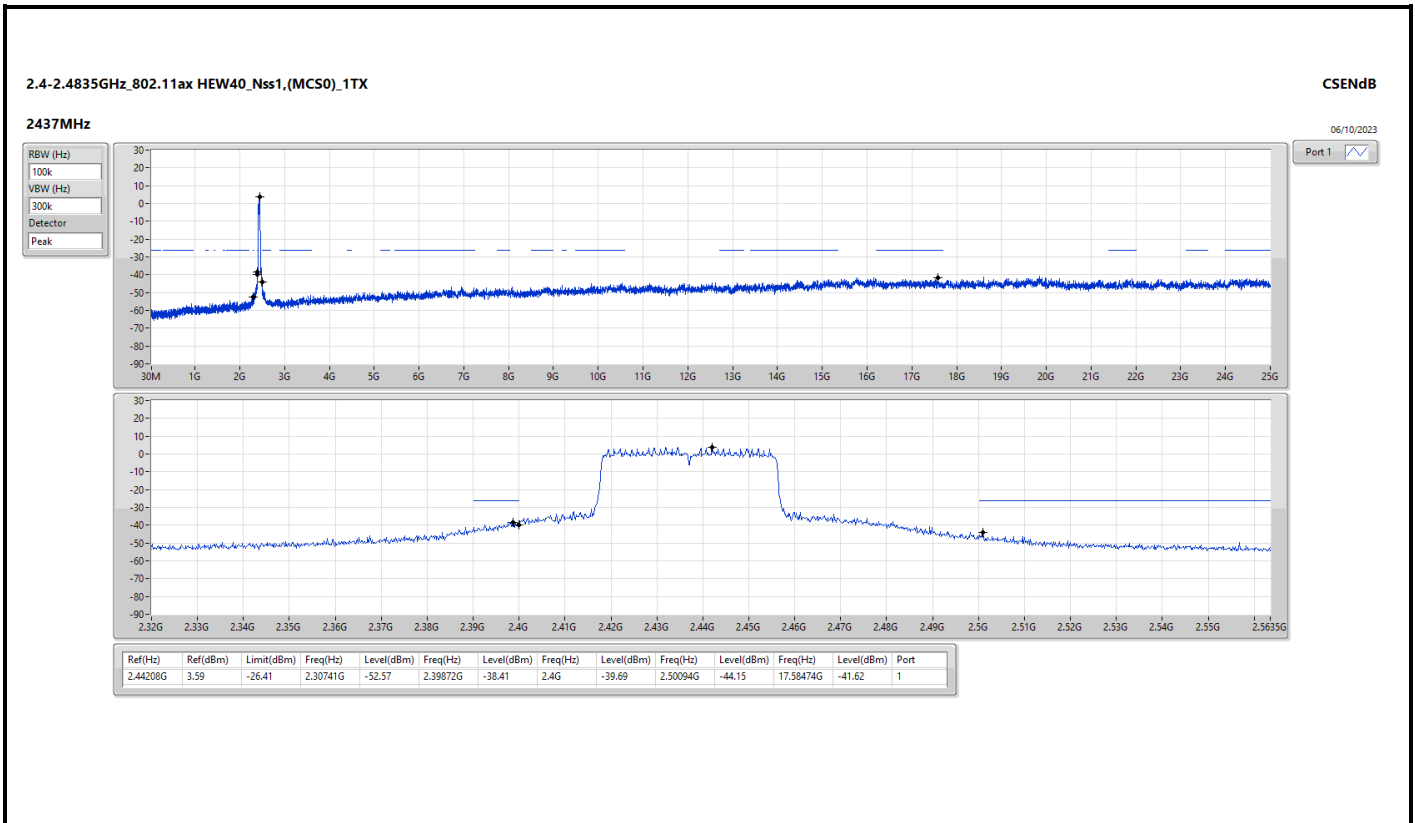


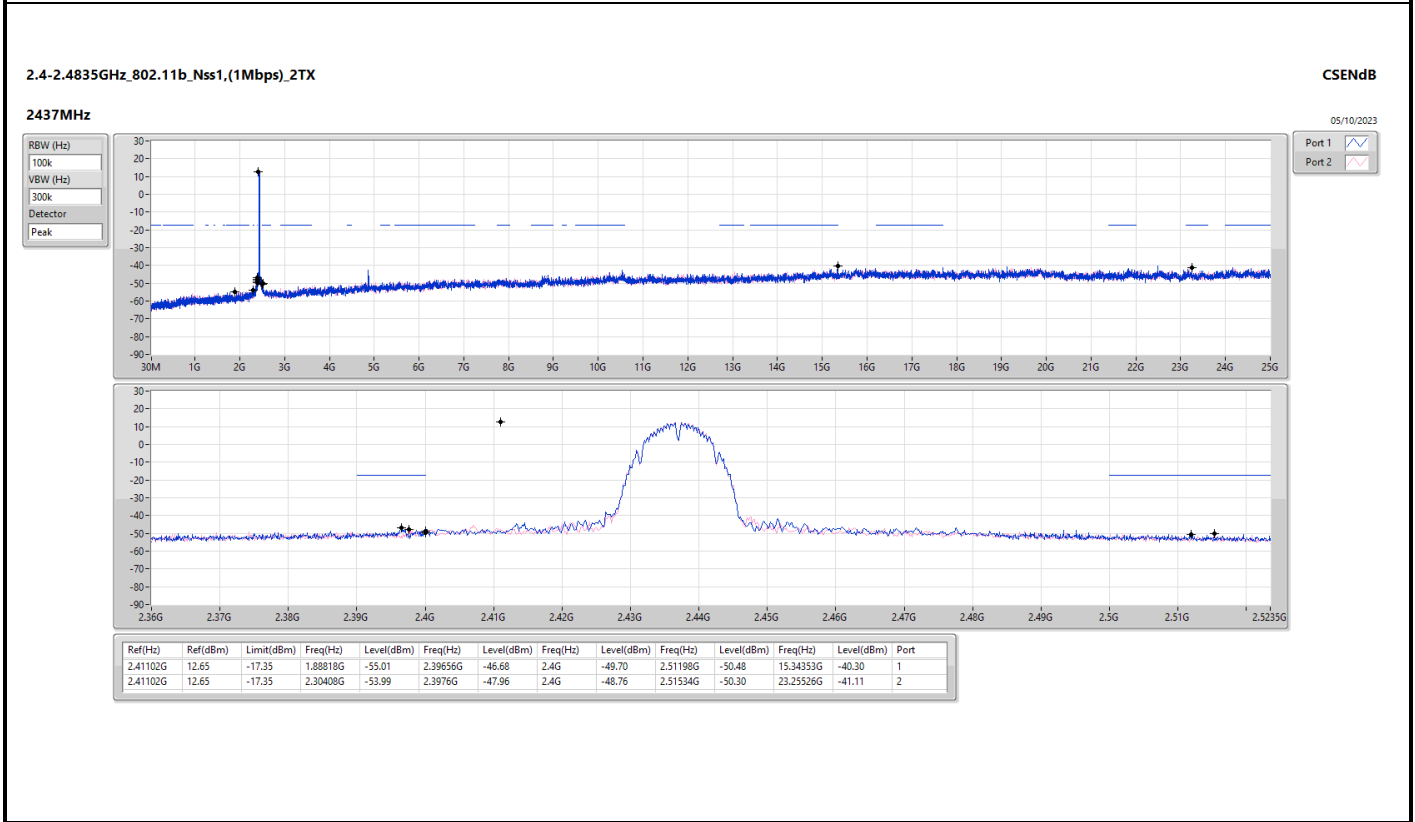
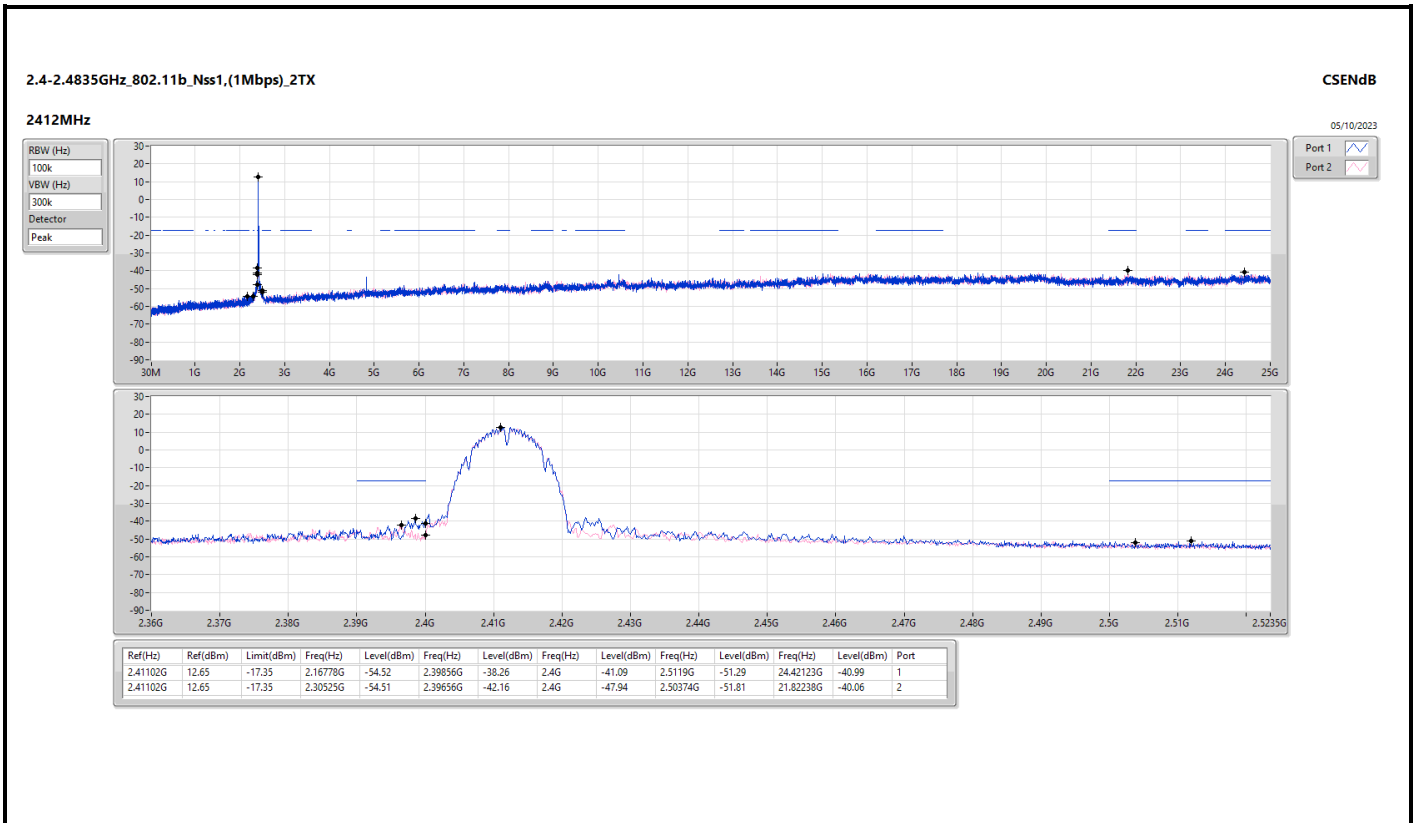


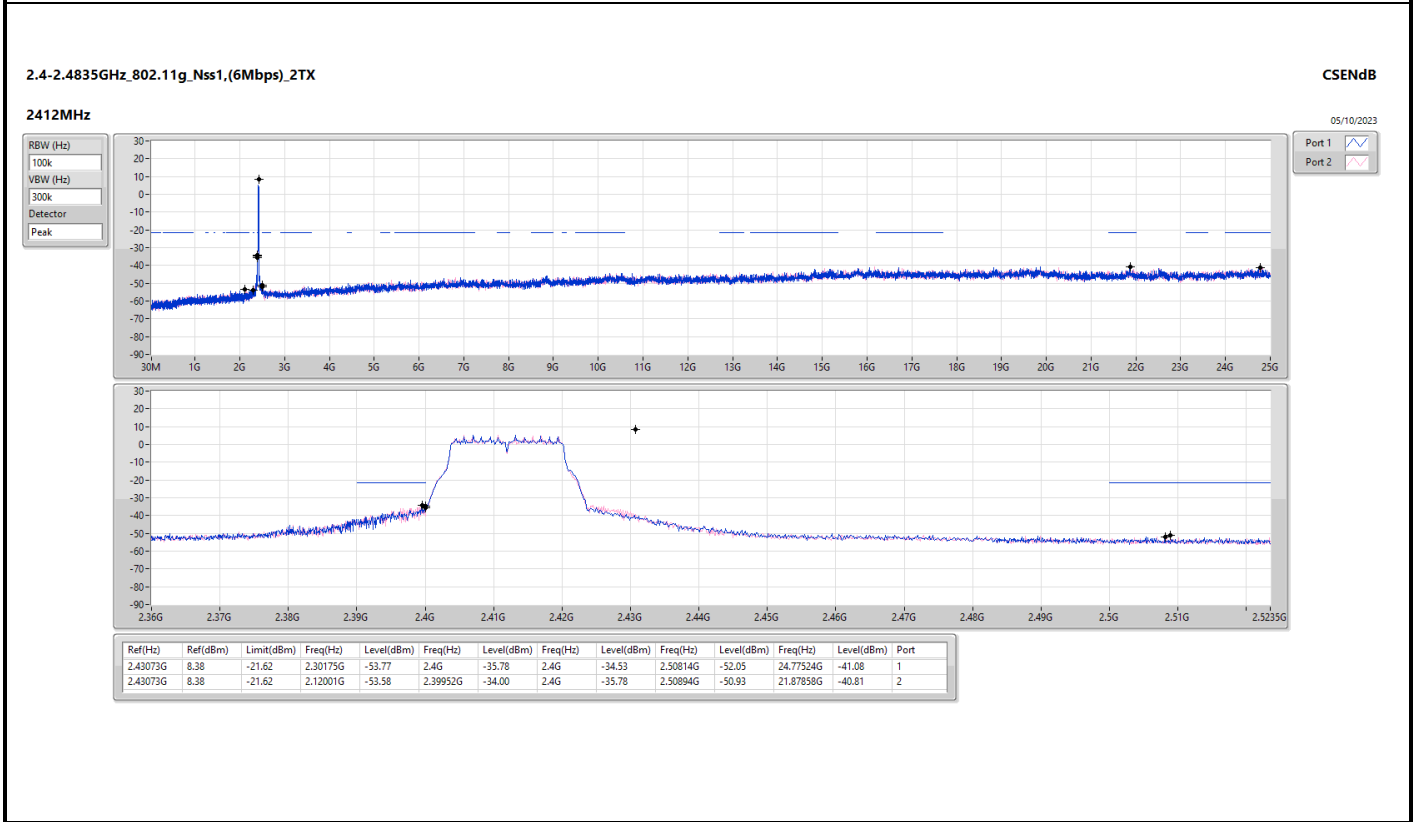
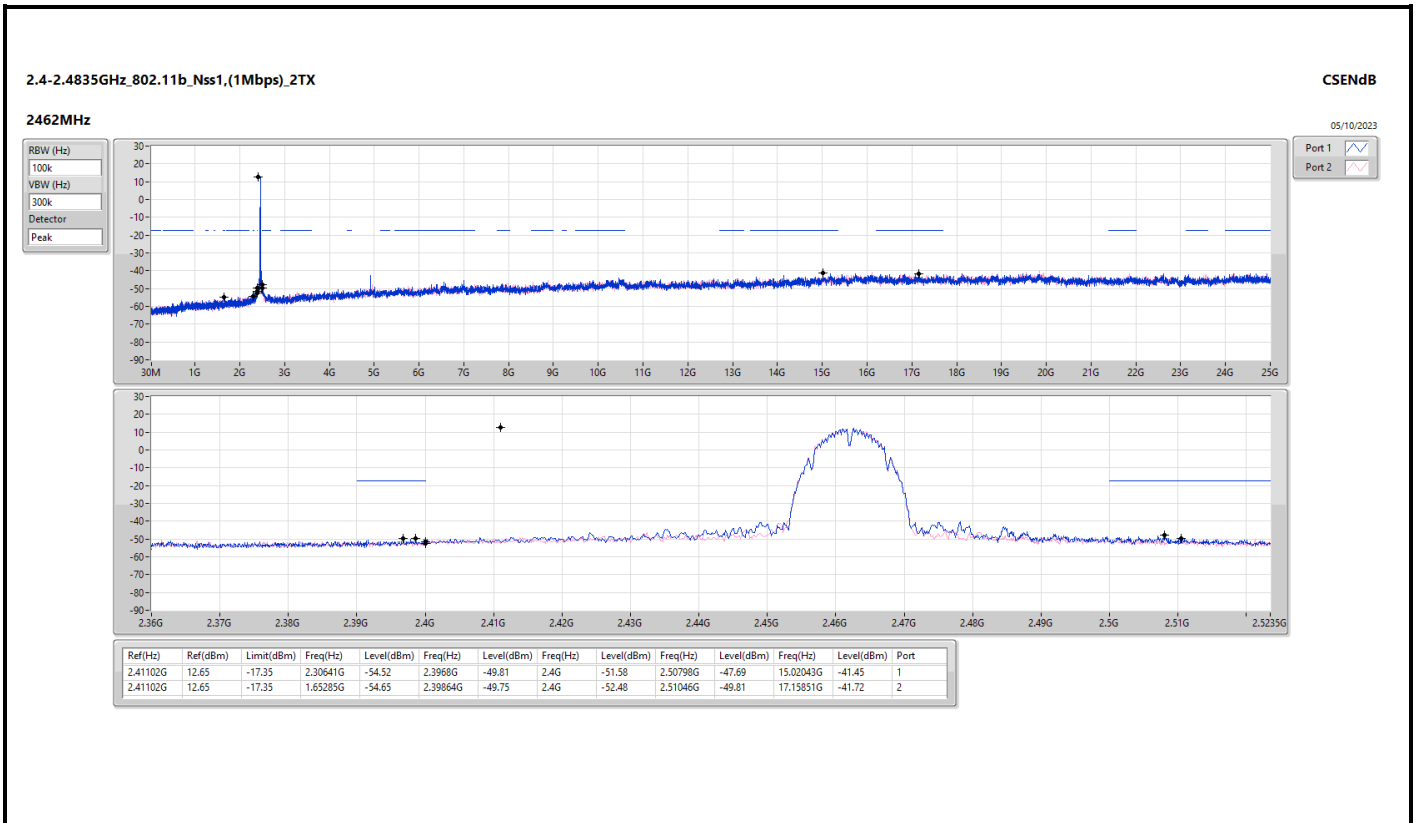


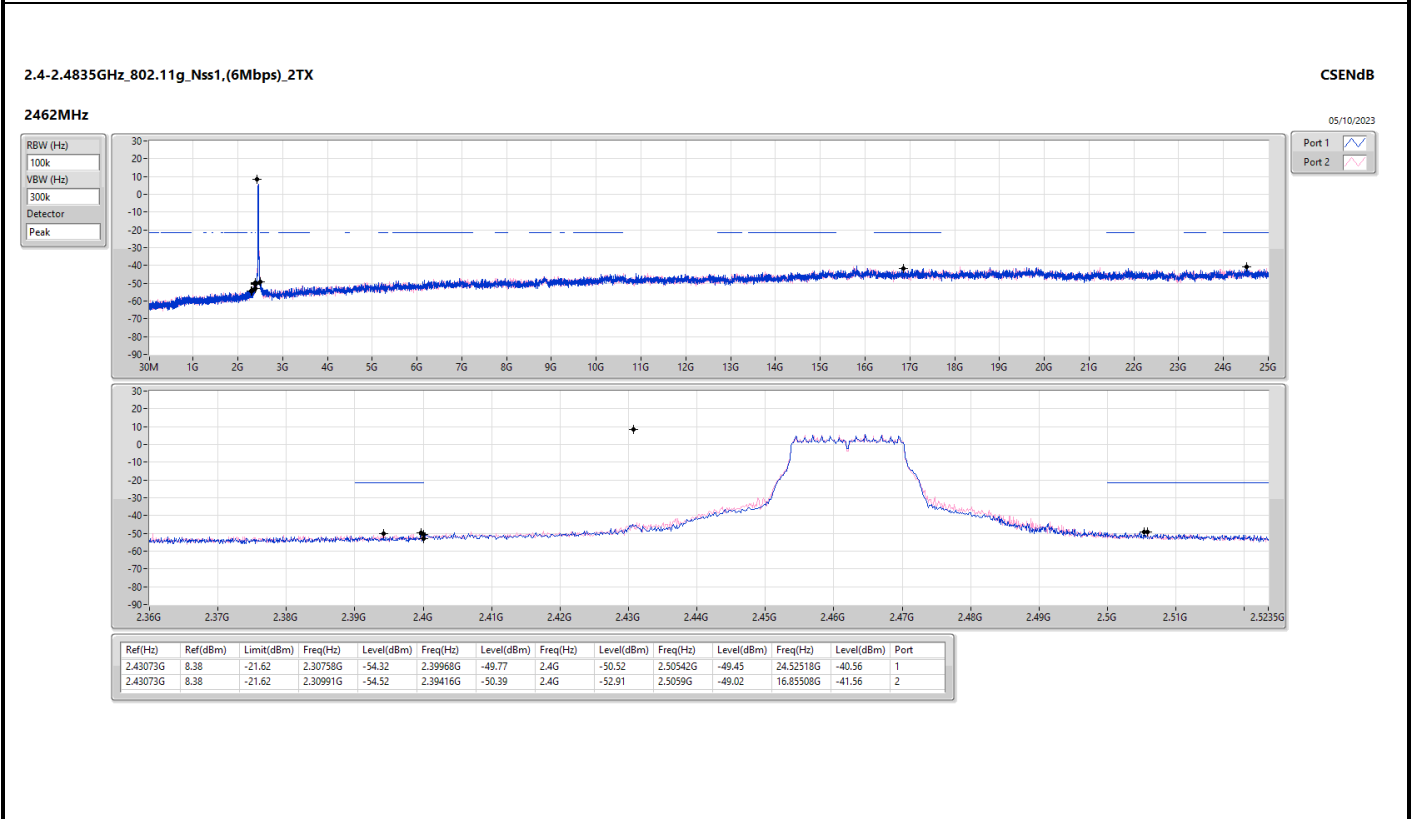
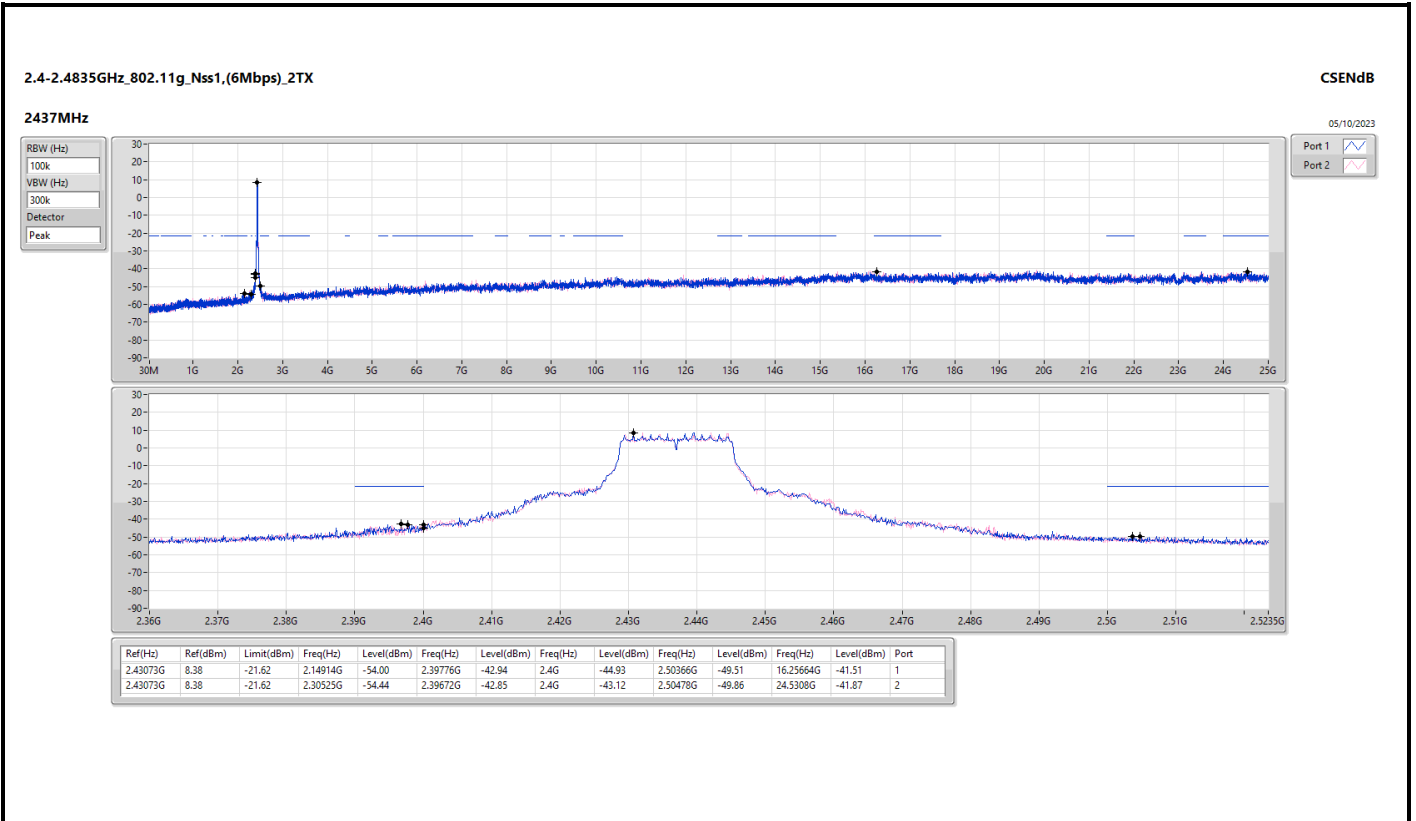


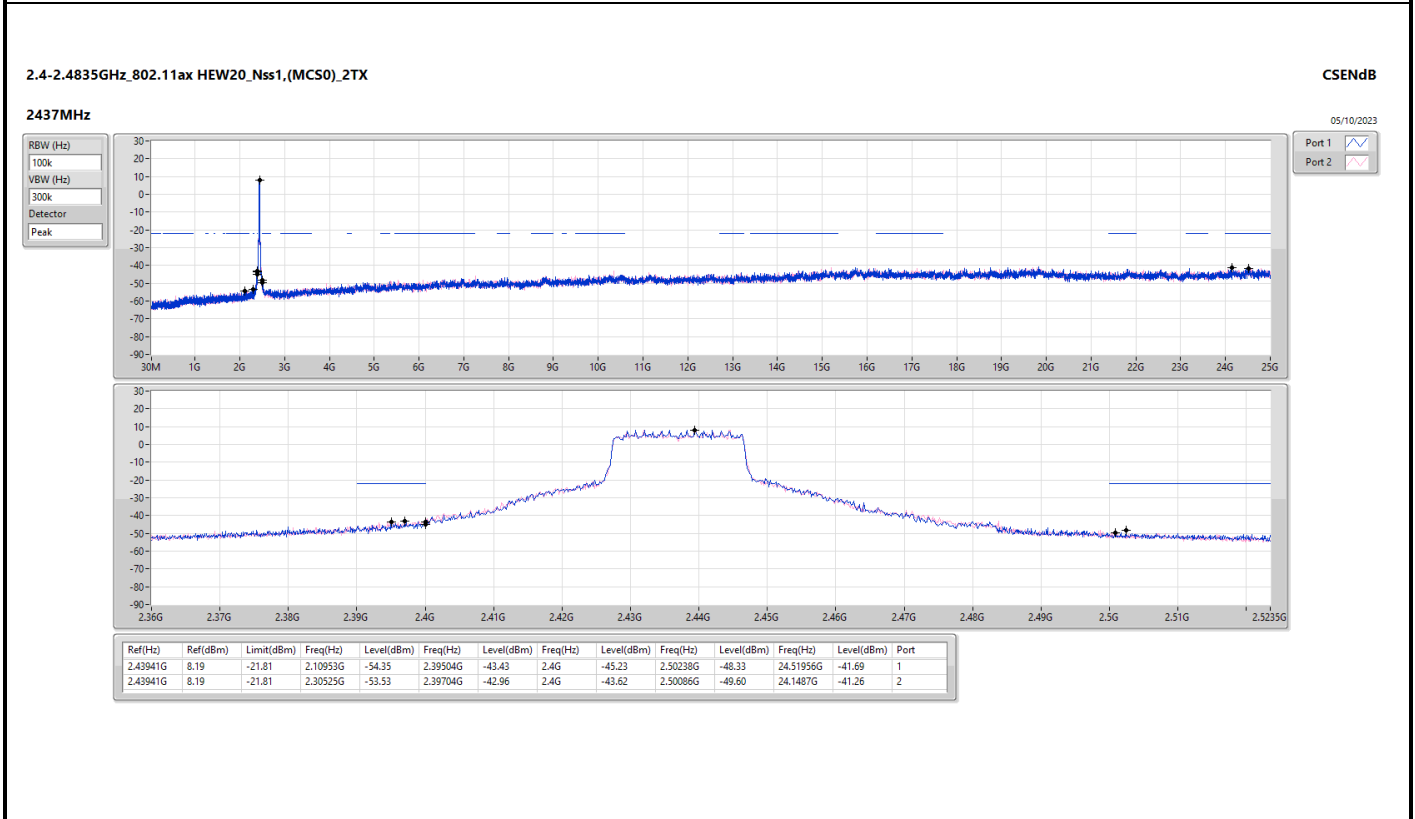
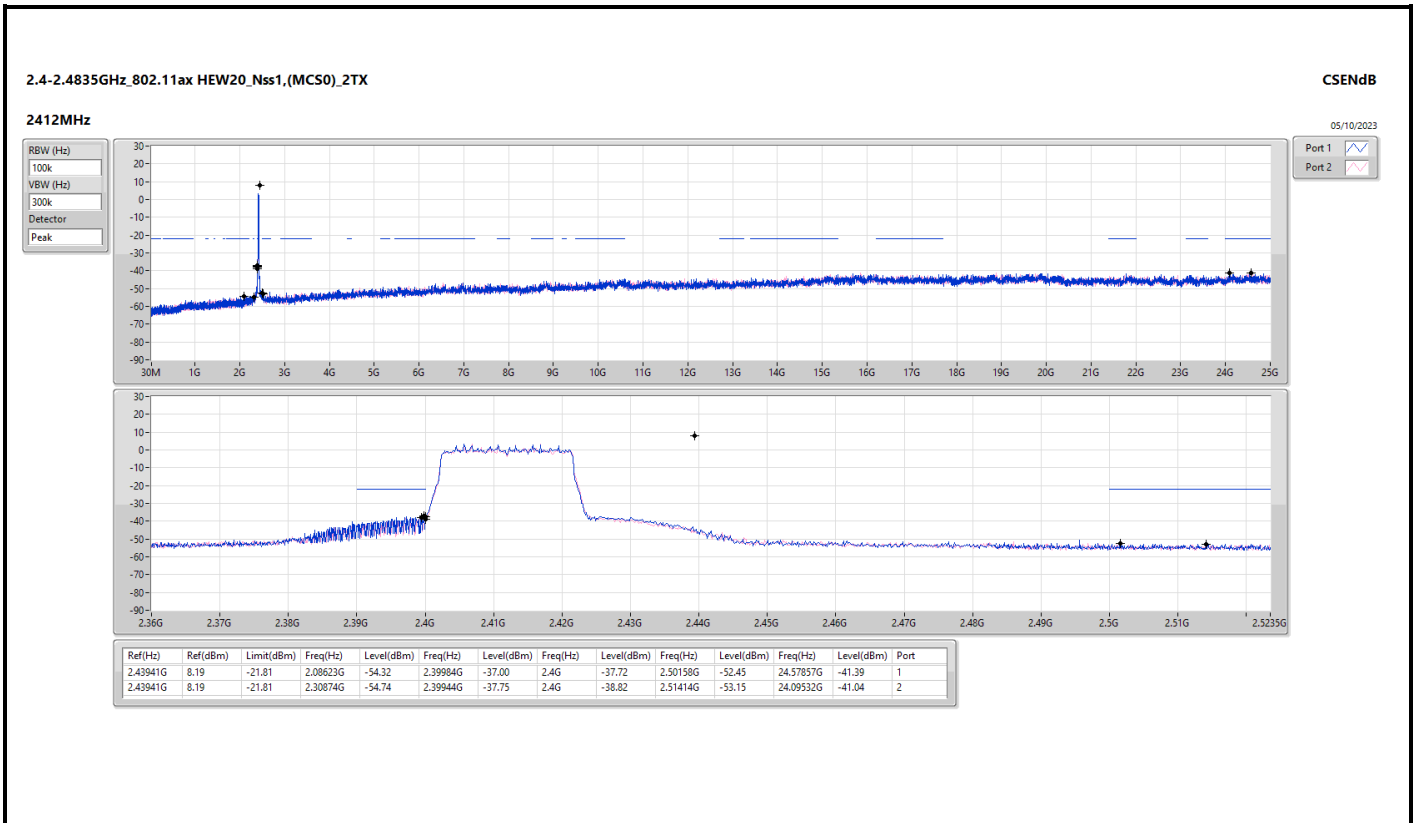


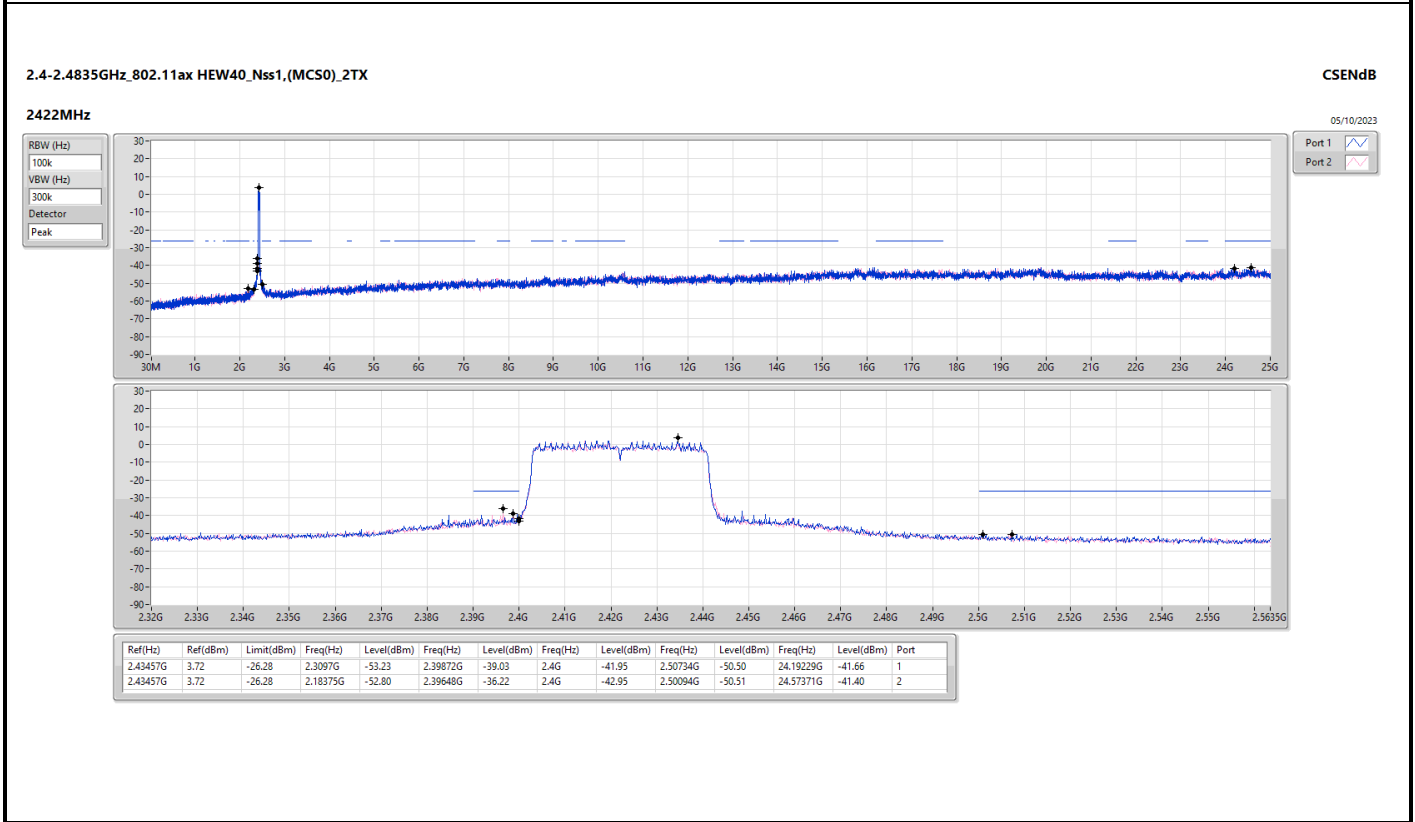
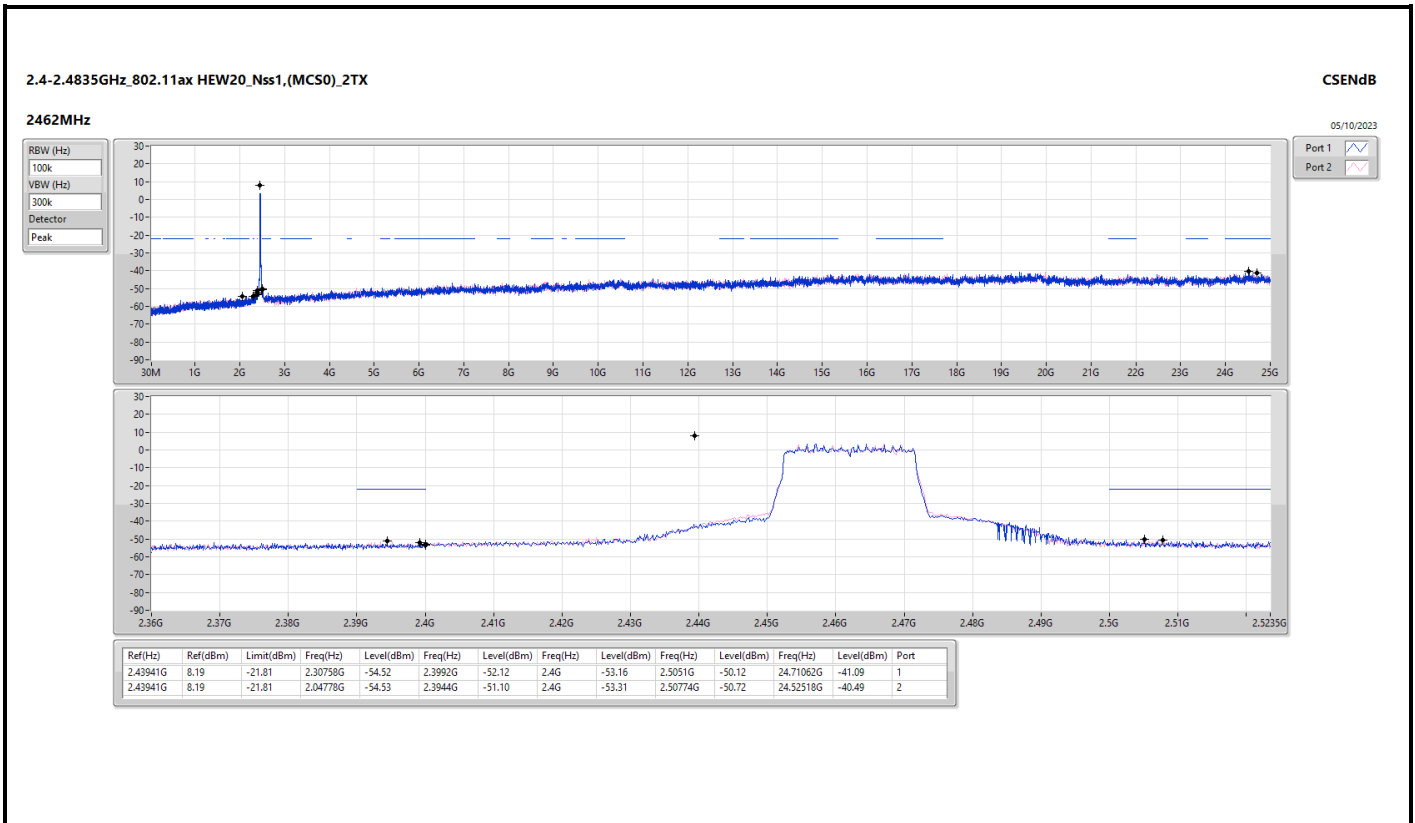


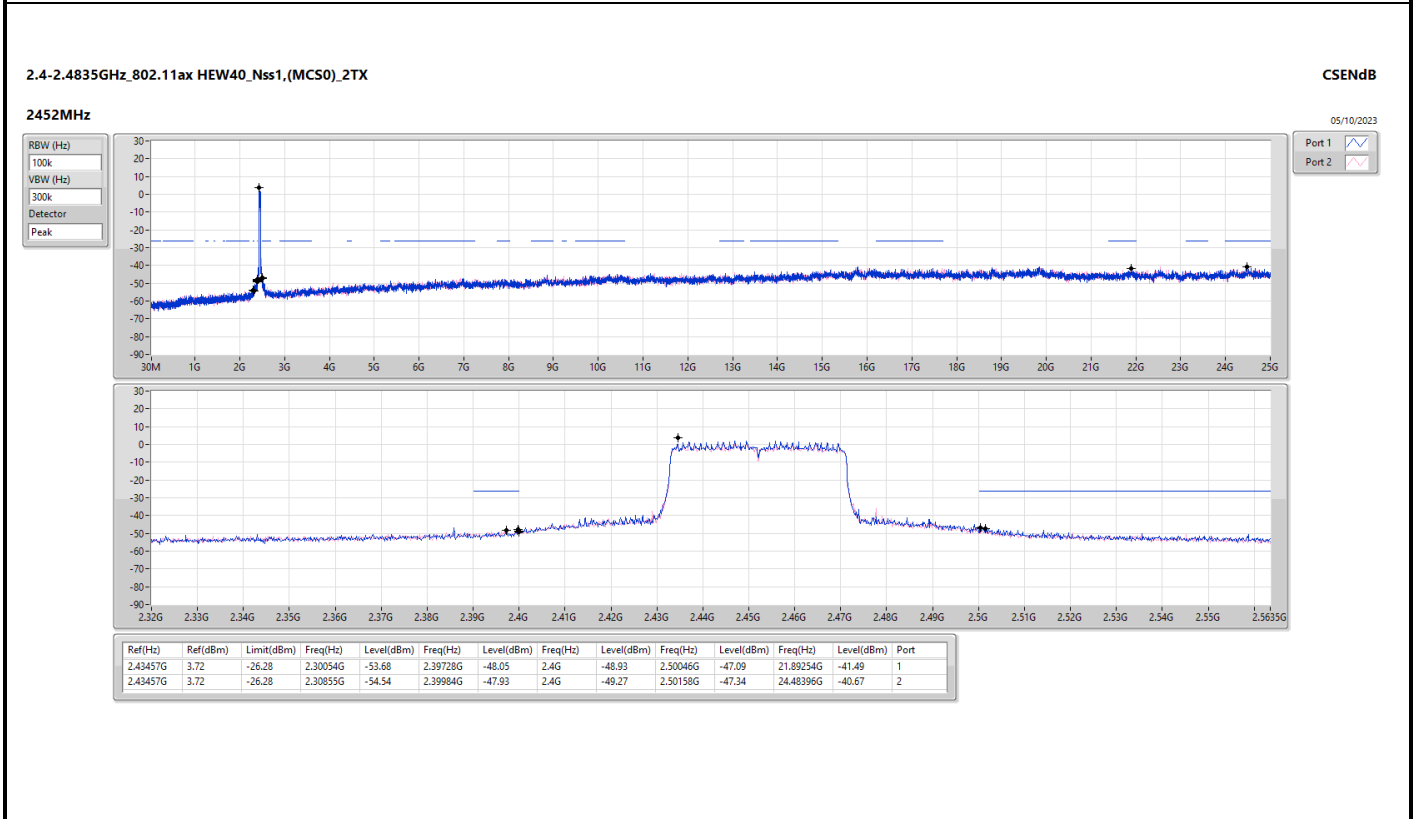
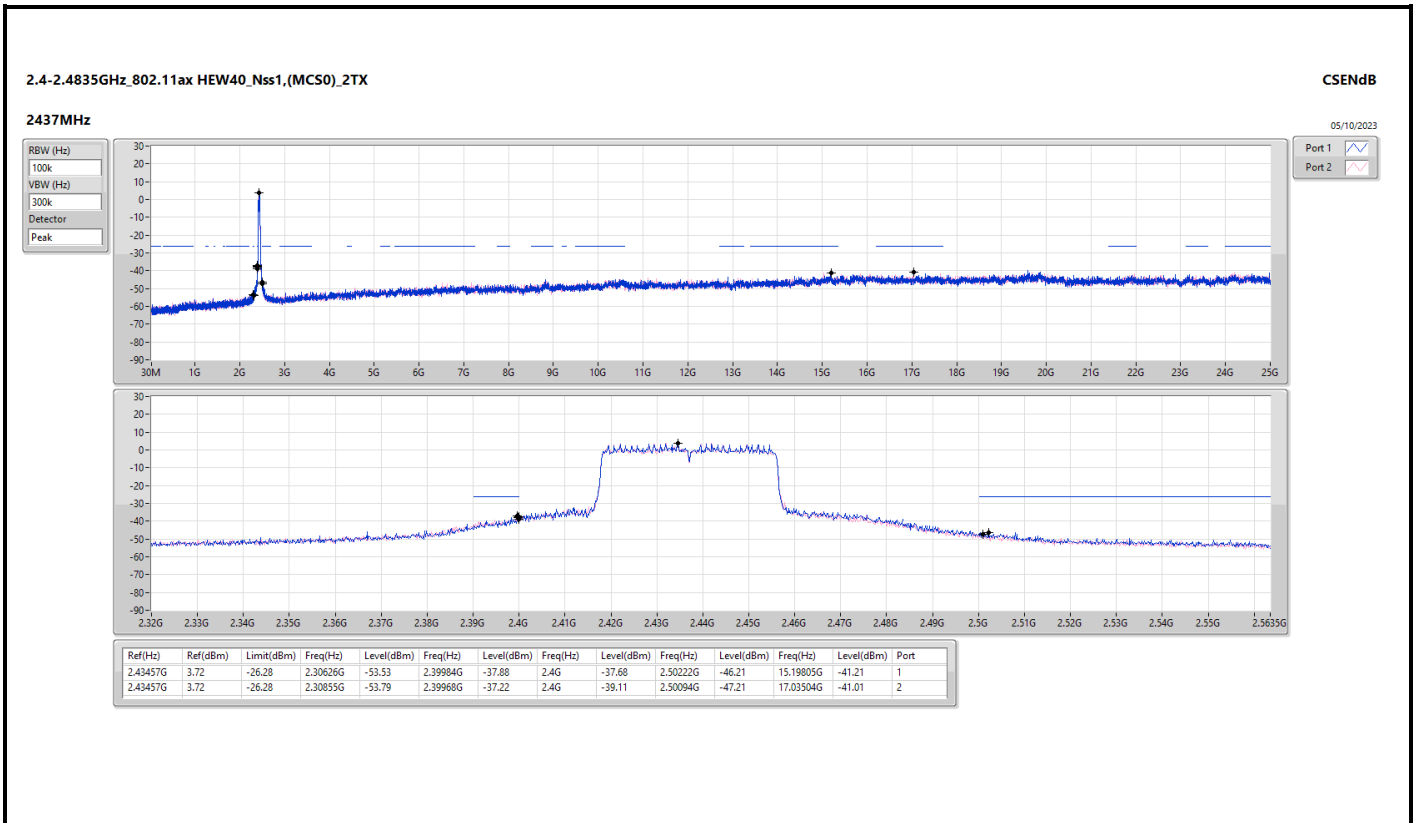














Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	43.58M	36.85	40.00	-3.15	3	Vertical	0	1.00



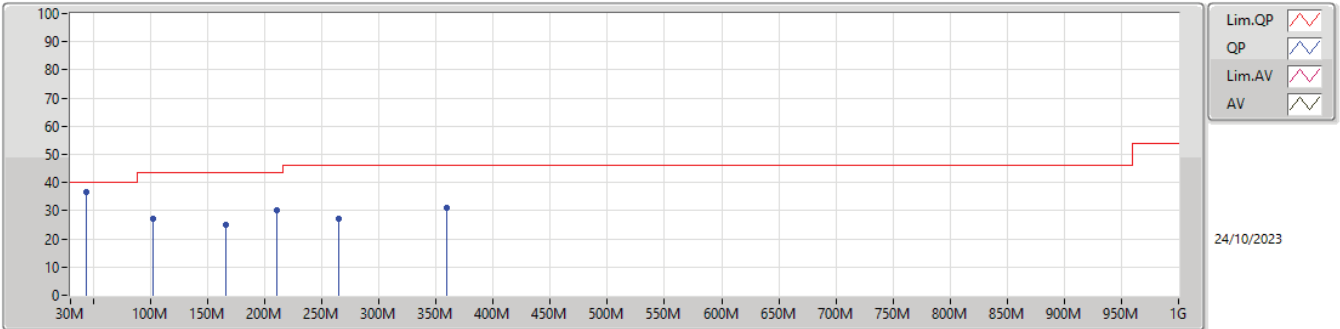
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	43.58M	36.85	40.00	-3.15	3	Vertical	0	1.00
2437MHz	Pass	PK	101.78M	27.03	43.50	-16.47	3	Vertical	0	1.00
2437MHz	Pass	PK	165.8M	24.96	43.50	-18.54	3	Vertical	0	1.00
2437MHz	Pass	PK	210.42M	29.99	43.50	-13.51	3	Vertical	0	1.00
2437MHz	Pass	PK	264.74M	27.23	46.00	-18.77	3	Vertical	0	1.00
2437MHz	Pass	PK	359.8M	30.83	46.00	-15.17	3	Vertical	0	1.00
2437MHz	Pass	PK	43.58M	32.39	40.00	-7.61	3	Horizontal	360	1.00
2437MHz	Pass	PK	101.78M	32.40	43.50	-11.10	3	Horizontal	360	1.00
2437MHz	Pass	PK	167.74M	31.88	43.50	-11.62	3	Horizontal	360	1.00
2437MHz	Pass	PK	210.42M	35.62	43.50	-7.88	3	Horizontal	360	1.00
2437MHz	Pass	PK	249.22M	31.82	46.00	-14.18	3	Horizontal	360	1.00
2437MHz	Pass	PK	379.2M	28.87	46.00	-17.13	3	Horizontal	360	1.00



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

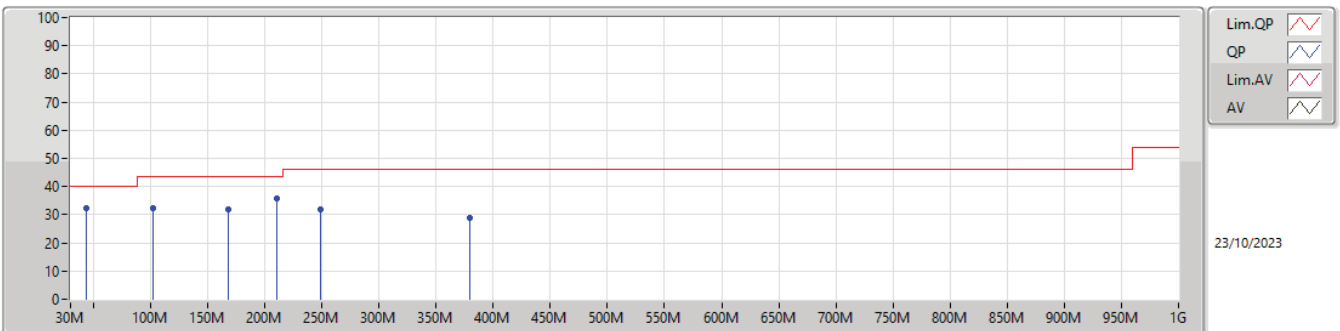
2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	43.58M	36.85	40.00	-3.15	-25.63	3	Vertical	0	1.00	62.48	18.26	0.44	44.33
PK	101.78M	27.03	43.50	-16.47	-27.23	3	Vertical	0	1.00	54.26	16.52	0.66	44.41
PK	165.8M	24.96	43.50	-18.54	-27.27	3	Vertical	0	1.00	52.23	16.18	0.86	44.31
PK	210.42M	29.99	43.50	-13.51	-27.80	3	Vertical	0	1.00	57.79	15.46	0.98	44.24
PK	264.74M	27.23	46.00	-18.77	-22.55	3	Vertical	0	1.00	49.78	20.50	1.11	44.16
PK	359.8M	30.83	46.00	-15.17	-21.95	3	Vertical	0	1.00	52.78	20.80	1.25	44.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	43.58M	32.39	40.00	-7.61	-25.63	3	Horizontal	360	1.00	58.02	18.26	0.44	44.33
PK	101.78M	32.40	43.50	-11.10	-27.23	3	Horizontal	360	1.00	59.63	16.52	0.66	44.41
PK	167.74M	31.88	43.50	-11.62	-27.45	3	Horizontal	360	1.00	59.33	16.00	0.86	44.31
PK	210.42M	35.62	43.50	-7.88	-27.80	3	Horizontal	360	1.00	63.42	15.46	0.98	44.24
PK	249.22M	31.82	46.00	-14.18	-24.31	3	Horizontal	360	1.00	56.13	18.79	1.08	44.18
PK	379.2M	28.87	46.00	-17.13	-21.31	3	Horizontal	360	1.00	50.18	21.37	1.29	43.97



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	7.38676G	52.77	54.00	-1.23	3	Vertical	321	1.05
802.11g_Nss1,(6Mbps)_2TX	Pass	PK	2.3886G	73.75	74.00	-0.25	3	Horizontal	304	1.20
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	2.4838G	73.23	74.00	-0.77	3	Horizontal	309	1.73
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4846G	53.99	54.00	-0.01	3	Horizontal	314	1.73



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.28	54.00	-6.72	3	Vertical	329	1.06
2412MHz	Pass	AV	2.4128G	108.01	Inf	-Inf	3	Vertical	329	1.06
2412MHz	Pass	PK	2.3824G	59.18	74.00	-14.82	3	Vertical	329	1.06
2412MHz	Pass	PK	2.413G	110.81	Inf	-Inf	3	Vertical	329	1.06
2412MHz	Pass	AV	2.3822G	52.15	54.00	-1.85	3	Horizontal	314	1.30
2412MHz	Pass	AV	2.4128G	113.59	Inf	-Inf	3	Horizontal	314	1.30
2412MHz	Pass	PK	2.3818G	63.45	74.00	-10.55	3	Horizontal	314	1.30
2412MHz	Pass	PK	2.413G	116.25	Inf	-Inf	3	Horizontal	314	1.30
2412MHz	Pass	AV	4.82398G	41.03	54.00	-12.97	3	Vertical	49	1.03
2412MHz	Pass	PK	4.82392G	46.30	74.00	-27.70	3	Vertical	49	1.03
2412MHz	Pass	AV	4.82398G	43.43	54.00	-10.57	3	Horizontal	308	1.00
2412MHz	Pass	PK	4.82404G	47.93	74.00	-26.07	3	Horizontal	308	1.00
2437MHz	Pass	AV	2.3878G	44.33	54.00	-9.67	3	Vertical	0	1.00
2437MHz	Pass	AV	2.4378G	107.04	Inf	-Inf	3	Vertical	0	1.00
2437MHz	Pass	AV	2.4835G	45.09	54.00	-8.91	3	Vertical	0	1.00
2437MHz	Pass	PK	2.369G	57.98	74.00	-16.02	3	Vertical	0	1.00
2437MHz	Pass	PK	2.4378G	109.67	Inf	-Inf	3	Vertical	0	1.00
2437MHz	Pass	PK	2.4934G	58.62	74.00	-15.38	3	Vertical	0	1.00
2437MHz	Pass	AV	2.3726G	44.16	54.00	-9.84	3	Horizontal	15	2.49
2437MHz	Pass	AV	2.4378G	111.94	Inf	-Inf	3	Horizontal	15	2.49
2437MHz	Pass	AV	2.4846G	45.85	54.00	-8.15	3	Horizontal	15	2.49
2437MHz	Pass	PK	2.3454G	57.90	74.00	-16.10	3	Horizontal	15	2.49
2437MHz	Pass	PK	2.4362G	114.68	Inf	-Inf	3	Horizontal	15	2.49
2437MHz	Pass	PK	2.4874G	59.42	74.00	-14.58	3	Horizontal	15	2.49
2437MHz	Pass	AV	4.874G	35.02	54.00	-18.98	3	Vertical	50	1.29
2437MHz	Pass	AV	7.31022G	48.57	54.00	-5.43	3	Vertical	310	1.43
2437MHz	Pass	PK	4.87414G	43.95	74.00	-30.05	3	Vertical	50	1.29
2437MHz	Pass	PK	7.31252G	54.49	74.00	-19.51	3	Vertical	310	1.43
2437MHz	Pass	AV	4.87404G	37.32	54.00	-16.68	3	Horizontal	340	1.21
2437MHz	Pass	AV	7.31024G	51.83	54.00	-2.17	3	Horizontal	46	1.93
2437MHz	Pass	PK	4.87417G	44.78	74.00	-29.22	3	Horizontal	340	1.21
2437MHz	Pass	PK	7.3101G	56.79	74.00	-17.21	3	Horizontal	46	1.93
2462MHz	Pass	AV	2.4612G	107.68	Inf	-Inf	3	Vertical	327	1.13
2462MHz	Pass	AV	2.4848G	48.03	54.00	-5.97	3	Vertical	327	1.13
2462MHz	Pass	PK	2.4612G	110.37	Inf	-Inf	3	Vertical	327	1.13
2462MHz	Pass	PK	2.4836G	60.53	74.00	-13.47	3	Vertical	327	1.13
2462MHz	Pass	AV	2.4628G	113.48	Inf	-Inf	3	Horizontal	313	1.96
2462MHz	Pass	AV	2.4846G	51.27	54.00	-2.73	3	Horizontal	313	1.96
2462MHz	Pass	PK	2.4612G	116.34	Inf	-Inf	3	Horizontal	313	1.96
2462MHz	Pass	PK	2.4856G	63.47	74.00	-10.53	3	Horizontal	313	1.96
2462MHz	Pass	AV	4.92402G	36.32	54.00	-17.68	3	Vertical	53	1.70
2462MHz	Pass	AV	7.38676G	52.77	54.00	-1.23	3	Vertical	321	1.05
2462MHz	Pass	PK	4.92388G	44.76	74.00	-29.24	3	Vertical	53	1.70
2462MHz	Pass	PK	7.38518G	57.42	74.00	-16.58	3	Vertical	321	1.05
2462MHz	Pass	AV	4.92402G	39.14	54.00	-14.86	3	Horizontal	41	1.50
2462MHz	Pass	AV	7.38522G	48.28	54.00	-5.72	3	Horizontal	49	2.08
2462MHz	Pass	PK	4.92386G	45.85	74.00	-28.15	3	Horizontal	41	1.50
2462MHz	Pass	PK	7.38498G	54.15	74.00	-19.85	3	Horizontal	49	2.08
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	44.87	54.00	-9.13	3	Vertical	329	1.08
2412MHz	Pass	AV	2.4172G	97.09	Inf	-Inf	3	Vertical	329	1.08
2412MHz	Pass	PK	2.39G	64.87	74.00	-9.13	3	Vertical	329	1.08
2412MHz	Pass	PK	2.417G	107.29	Inf	-Inf	3	Vertical	329	1.08
2412MHz	Pass	AV	2.3898G	48.37	54.00	-5.63	3	Horizontal	306	1.28
2412MHz	Pass	AV	2.416G	103.71	Inf	-Inf	3	Horizontal	306	1.28
2412MHz	Pass	PK	2.39G	73.26	74.00	-0.74	3	Horizontal	306	1.28
2412MHz	Pass	PK	2.4158G	112.32	Inf	-Inf	3	Horizontal	306	1.28
2412MHz	Pass	AV	4.8229G	30.87	54.00	-23.13	3	Vertical	53	1.00
2412MHz	Pass	PK	4.82292G	45.13	74.00	-28.87	3	Vertical	53	1.00
2412MHz	Pass	AV	4.82306G	33.30	54.00	-20.70	3	Horizontal	337	1.24



RSE TX above 1GHz_Radio 1

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	4.82184G	46.95	74.00	-27.05	3	Horizontal	337	1.24
2417MHz	Pass	AV	2.3898G	48.67	54.00	-5.33	3	Vertical	326	1.08
2417MHz	Pass	AV	2.4194G	99.63	Inf	-Inf	3	Vertical	326	1.08
2417MHz	Pass	PK	2.3888G	67.25	74.00	-6.75	3	Vertical	326	1.08
2417MHz	Pass	PK	2.4242G	108.76	Inf	-Inf	3	Vertical	326	1.08
2417MHz	Pass	AV	2.3892G	53.42	54.00	-0.58	3	Horizontal	304	1.20
2417MHz	Pass	AV	2.4236G	105.86	Inf	-Inf	3	Horizontal	304	1.20
2417MHz	Pass	PK	2.3886G	73.75	74.00	-0.25	3	Horizontal	304	1.20
2417MHz	Pass	PK	2.4234G	115.46	Inf	-Inf	3	Horizontal	304	1.20
2437MHz	Pass	AV	2.3886G	45.02	54.00	-8.98	3	Vertical	329	1.00
2437MHz	Pass	AV	2.4394G	100.54	Inf	-Inf	3	Vertical	329	1.00
2437MHz	Pass	AV	2.4835G	46.32	54.00	-7.68	3	Vertical	329	1.00
2437MHz	Pass	PK	2.3886G	60.28	74.00	-13.72	3	Vertical	329	1.00
2437MHz	Pass	PK	2.4398G	109.55	Inf	-Inf	3	Vertical	329	1.00
2437MHz	Pass	PK	2.4838G	61.79	74.00	-12.21	3	Vertical	329	1.00
2437MHz	Pass	AV	2.3894G	47.66	54.00	-6.34	3	Horizontal	313	1.48
2437MHz	Pass	AV	2.4342G	107.19	Inf	-Inf	3	Horizontal	313	1.48
2437MHz	Pass	AV	2.4835G	48.75	54.00	-5.25	3	Horizontal	313	1.48
2437MHz	Pass	PK	2.3886G	68.82	74.00	-8.18	3	Horizontal	313	1.48
2437MHz	Pass	PK	2.4338G	116.48	Inf	-Inf	3	Horizontal	313	1.48
2437MHz	Pass	PK	2.4835G	66.17	74.00	-7.83	3	Horizontal	313	1.48
2437MHz	Pass	AV	4.87804G	29.70	54.00	-24.30	3	Vertical	49	1.22
2437MHz	Pass	AV	7.30936G	44.16	54.00	-9.84	3	Vertical	334	1.30
2437MHz	Pass	PK	4.87894G	43.10	74.00	-30.90	3	Vertical	49	1.22
2437MHz	Pass	PK	7.30894G	58.55	74.00	-15.45	3	Vertical	334	1.30
2437MHz	Pass	AV	4.87704G	30.84	54.00	-23.16	3	Horizontal	334	1.17
2437MHz	Pass	AV	7.30936G	46.18	54.00	-7.82	3	Horizontal	50	2.04
2437MHz	Pass	PK	4.87132G	45.52	74.00	-28.48	3	Horizontal	334	1.17
2437MHz	Pass	PK	7.31268G	60.45	74.00	-13.55	3	Horizontal	50	2.04
2457MHz	Pass	AV	2.4612G	99.76	Inf	-Inf	3	Vertical	326	1.12
2457MHz	Pass	AV	2.4862G	46.96	54.00	-7.04	3	Vertical	326	1.12
2457MHz	Pass	PK	2.4564G	109.42	Inf	-Inf	3	Vertical	326	1.12
2457MHz	Pass	PK	2.4864G	70.67	74.00	-3.33	3	Vertical	326	1.12
2457MHz	Pass	AV	2.4612G	106.05	Inf	-Inf	3	Horizontal	307	1.22
2457MHz	Pass	AV	2.4848G	49.30	54.00	-4.70	3	Horizontal	307	1.22
2457MHz	Pass	PK	2.461G	114.73	Inf	-Inf	3	Horizontal	307	1.22
2457MHz	Pass	PK	2.4864G	72.27	74.00	-1.73	3	Horizontal	307	1.22
2462MHz	Pass	AV	2.4572G	99.15	Inf	-Inf	3	Vertical	328	1.11
2462MHz	Pass	AV	2.4835G	46.69	54.00	-7.31	3	Vertical	328	1.11
2462MHz	Pass	PK	2.4668G	108.46	Inf	-Inf	3	Vertical	328	1.11
2462MHz	Pass	PK	2.4835G	72.07	74.00	-1.93	3	Vertical	328	1.11
2462MHz	Pass	AV	2.466G	105.25	Inf	-Inf	3	Horizontal	305	1.24
2462MHz	Pass	AV	2.4856G	48.36	54.00	-5.64	3	Horizontal	305	1.24
2462MHz	Pass	PK	2.466G	113.80	Inf	-Inf	3	Horizontal	305	1.24
2462MHz	Pass	PK	2.4854G	72.95	74.00	-1.05	3	Horizontal	305	1.24
2462MHz	Pass	AV	4.9276G	29.49	54.00	-24.51	3	Vertical	49	1.50
2462MHz	Pass	AV	7.38518G	41.02	54.00	-12.98	3	Vertical	331	1.00
2462MHz	Pass	PK	4.92142G	42.70	74.00	-31.30	3	Vertical	49	1.50
2462MHz	Pass	PK	7.38532G	56.17	74.00	-17.83	3	Vertical	331	1.00
2462MHz	Pass	AV	4.92254G	30.39	54.00	-23.61	3	Horizontal	39	1.73
2462MHz	Pass	AV	7.38752G	42.98	54.00	-11.02	3	Horizontal	32	2.30
2462MHz	Pass	PK	4.92534G	43.22	74.00	-30.78	3	Horizontal	39	1.73
2462MHz	Pass	PK	7.38748G	60.46	74.00	-13.54	3	Horizontal	32	2.30
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3886G	45.40	54.00	-8.60	3	Vertical	329	1.05
2412MHz	Pass	AV	2.4132G	94.78	Inf	-Inf	3	Vertical	329	1.05
2412MHz	Pass	PK	2.3884G	71.92	74.00	-2.08	3	Vertical	329	1.05
2412MHz	Pass	PK	2.411G	107.09	Inf	-Inf	3	Vertical	329	1.05
2412MHz	Pass	AV	2.3882G	48.50	54.00	-5.50	3	Horizontal	309	1.29
2412MHz	Pass	AV	2.4128G	101.11	Inf	-Inf	3	Horizontal	309	1.29
2412MHz	Pass	PK	2.39G	72.78	74.00	-1.22	3	Horizontal	309	1.29
2412MHz	Pass	PK	2.4204G	112.81	Inf	-Inf	3	Horizontal	309	1.29



RSE TX above 1GHz_Radio 1

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	AV	4.82108G	31.03	54.00	-22.97	3	Vertical	348	1.00
2412MHz	Pass	PK	4.82144G	45.05	74.00	-28.95	3	Vertical	348	1.00
2412MHz	Pass	AV	4.82268G	32.18	54.00	-21.82	3	Horizontal	333	1.22
2412MHz	Pass	PK	4.82066G	45.58	74.00	-28.42	3	Horizontal	333	1.22
2417MHz	Pass	AV	2.3896G	45.56	54.00	-8.44	3	Vertical	327	1.09
2417MHz	Pass	AV	2.422G	96.89	Inf	-Inf	3	Vertical	327	1.09
2417MHz	Pass	PK	2.3898G	70.16	74.00	-3.84	3	Vertical	327	1.09
2417MHz	Pass	PK	2.4222G	108.48	Inf	-Inf	3	Vertical	327	1.09
2417MHz	Pass	AV	2.3892G	48.99	54.00	-5.01	3	Horizontal	309	1.15
2417MHz	Pass	AV	2.4216G	103.32	Inf	-Inf	3	Horizontal	309	1.15
2417MHz	Pass	PK	2.3894G	72.48	74.00	-1.52	3	Horizontal	309	1.15
2417MHz	Pass	PK	2.414G	115.65	Inf	-Inf	3	Horizontal	309	1.15
2437MHz	Pass	AV	2.3882G	45.77	54.00	-8.23	3	Vertical	326	1.00
2437MHz	Pass	AV	2.4422G	99.73	Inf	-Inf	3	Vertical	326	1.00
2437MHz	Pass	AV	2.485G	46.74	54.00	-7.26	3	Vertical	326	1.00
2437MHz	Pass	PK	2.3854G	63.63	74.00	-10.37	3	Vertical	326	1.00
2437MHz	Pass	PK	2.4342G	111.67	Inf	-Inf	3	Vertical	326	1.00
2437MHz	Pass	PK	2.4902G	64.84	74.00	-9.16	3	Vertical	326	1.00
2437MHz	Pass	AV	2.3882G	48.60	54.00	-5.40	3	Horizontal	313	1.50
2437MHz	Pass	AV	2.4318G	106.25	Inf	-Inf	3	Horizontal	313	1.50
2437MHz	Pass	AV	2.4846G	49.15	54.00	-4.85	3	Horizontal	313	1.50
2437MHz	Pass	PK	2.383G	66.88	74.00	-7.12	3	Horizontal	313	1.50
2437MHz	Pass	PK	2.4342G	119.16	Inf	-Inf	3	Horizontal	313	1.50
2437MHz	Pass	PK	2.487G	70.12	74.00	-3.88	3	Horizontal	313	1.50
2437MHz	Pass	AV	4.87592G	29.64	54.00	-24.36	3	Vertical	52	1.20
2437MHz	Pass	AV	7.31152G	42.78	54.00	-11.22	3	Vertical	337	1.50
2437MHz	Pass	PK	4.87574G	43.27	74.00	-30.73	3	Vertical	52	1.20
2437MHz	Pass	PK	7.31422G	56.43	74.00	-17.57	3	Vertical	337	1.50
2437MHz	Pass	AV	4.87546G	30.69	54.00	-23.31	3	Horizontal	333	1.00
2437MHz	Pass	AV	7.31356G	45.73	54.00	-8.27	3	Horizontal	50	2.10
2437MHz	Pass	PK	4.86998G	44.60	74.00	-29.40	3	Horizontal	333	1.00
2437MHz	Pass	PK	7.30618G	60.32	74.00	-13.68	3	Horizontal	50	2.10
2457MHz	Pass	AV	2.458G	97.03	Inf	-Inf	3	Vertical	327	1.10
2457MHz	Pass	AV	2.4906G	45.90	54.00	-8.10	3	Vertical	327	1.10
2457MHz	Pass	PK	2.458G	109.02	Inf	-Inf	3	Vertical	327	1.10
2457MHz	Pass	PK	2.4835G	71.52	74.00	-2.48	3	Vertical	327	1.10
2457MHz	Pass	AV	2.4554G	102.81	Inf	-Inf	3	Horizontal	311	1.73
2457MHz	Pass	AV	2.4876G	47.58	54.00	-6.42	3	Horizontal	311	1.73
2457MHz	Pass	PK	2.4556G	114.72	Inf	-Inf	3	Horizontal	311	1.73
2457MHz	Pass	PK	2.4854G	72.27	74.00	-1.73	3	Horizontal	311	1.73
2462MHz	Pass	AV	2.4594G	95.17	Inf	-Inf	3	Vertical	327	1.10
2462MHz	Pass	AV	2.4842G	45.56	54.00	-8.44	3	Vertical	327	1.10
2462MHz	Pass	PK	2.459G	107.25	Inf	-Inf	3	Vertical	327	1.10
2462MHz	Pass	PK	2.4844G	69.51	74.00	-4.49	3	Vertical	327	1.10
2462MHz	Pass	AV	2.4566G	101.06	Inf	-Inf	3	Horizontal	309	1.73
2462MHz	Pass	AV	2.4836G	47.38	54.00	-6.62	3	Horizontal	309	1.73
2462MHz	Pass	PK	2.459G	113.63	Inf	-Inf	3	Horizontal	309	1.73
2462MHz	Pass	PK	2.4838G	73.23	74.00	-0.77	3	Horizontal	309	1.73
2462MHz	Pass	AV	4.9229G	28.92	54.00	-25.08	3	Vertical	0	1.34
2462MHz	Pass	AV	7.38556G	35.32	54.00	-18.68	3	Vertical	314	1.35
2462MHz	Pass	PK	4.92148G	42.42	74.00	-31.58	3	Vertical	0	1.34
2462MHz	Pass	PK	7.3907G	50.90	74.00	-23.10	3	Vertical	314	1.35
2462MHz	Pass	AV	4.9282G	29.56	54.00	-24.44	3	Horizontal	337	1.50
2462MHz	Pass	AV	7.38582G	36.74	54.00	-17.26	3	Horizontal	36	2.17
2462MHz	Pass	PK	4.92704G	42.56	74.00	-31.44	3	Horizontal	337	1.50
2462MHz	Pass	PK	7.39084G	53.16	74.00	-20.84	3	Horizontal	36	2.17
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.386G	52.10	54.00	-1.90	3	Vertical	0	2.94
2422MHz	Pass	AV	2.4204G	94.81	Inf	-Inf	3	Vertical	0	2.94
2422MHz	Pass	AV	2.4992G	45.15	54.00	-8.85	3	Vertical	0	2.94
2422MHz	Pass	PK	2.3856G	70.83	74.00	-3.17	3	Vertical	0	2.94
2422MHz	Pass	PK	2.408G	106.87	Inf	-Inf	3	Vertical	0	2.94



RSE TX above 1GHz_Radio 1

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2422MHz	Pass	PK	2.4968G	58.11	74.00	-15.89	3	Vertical	0	2.94
2422MHz	Pass	AV	2.3896G	53.34	54.00	-0.66	3	Horizontal	315	1.60
2422MHz	Pass	AV	2.4268G	100.29	Inf	-Inf	3	Horizontal	315	1.60
2422MHz	Pass	AV	2.484G	47.30	54.00	-6.70	3	Horizontal	315	1.60
2422MHz	Pass	PK	2.384G	71.01	74.00	-2.99	3	Horizontal	315	1.60
2422MHz	Pass	PK	2.4188G	112.15	Inf	-Inf	3	Horizontal	315	1.60
2422MHz	Pass	PK	2.484G	61.87	74.00	-12.13	3	Horizontal	315	1.60
2422MHz	Pass	AV	4.84936G	30.68	54.00	-23.32	3	Vertical	328	1.00
2422MHz	Pass	AV	7.2624G	36.92	54.00	-17.08	3	Vertical	335	1.32
2422MHz	Pass	PK	4.84648G	43.13	74.00	-30.87	3	Vertical	328	1.00
2422MHz	Pass	PK	7.2752G	49.16	74.00	-24.84	3	Vertical	335	1.32
2422MHz	Pass	AV	4.83528G	30.94	54.00	-23.06	3	Horizontal	333	1.28
2422MHz	Pass	AV	7.27032G	37.71	54.00	-16.29	3	Horizontal	50	2.11
2422MHz	Pass	PK	4.83468G	42.83	74.00	-31.17	3	Horizontal	333	1.28
2422MHz	Pass	PK	7.2698G	49.88	74.00	-24.12	3	Horizontal	50	2.11
2427MHz	Pass	AV	2.3878G	48.84	54.00	-5.16	3	Vertical	331	1.00
2427MHz	Pass	AV	2.4334G	94.57	Inf	-Inf	3	Vertical	331	1.00
2427MHz	Pass	AV	2.4835G	47.44	54.00	-6.56	3	Vertical	331	1.00
2427MHz	Pass	PK	2.3898G	64.71	74.00	-9.29	3	Vertical	331	1.00
2427MHz	Pass	PK	2.423G	106.33	Inf	-Inf	3	Vertical	331	1.00
2427MHz	Pass	PK	2.4882G	62.33	74.00	-11.67	3	Vertical	331	1.00
2427MHz	Pass	AV	2.3878G	53.50	54.00	-0.50	3	Horizontal	302	1.00
2427MHz	Pass	AV	2.4326G	101.85	Inf	-Inf	3	Horizontal	302	1.00
2427MHz	Pass	AV	2.4854G	49.17	54.00	-4.83	3	Horizontal	302	1.00
2427MHz	Pass	PK	2.3778G	70.61	74.00	-3.39	3	Horizontal	302	1.00
2427MHz	Pass	PK	2.4326G	112.90	Inf	-Inf	3	Horizontal	302	1.00
2427MHz	Pass	PK	2.4902G	64.71	74.00	-9.29	3	Horizontal	302	1.00
2437MHz	Pass	AV	2.3878G	47.87	54.00	-6.13	3	Vertical	324	1.00
2437MHz	Pass	AV	2.4506G	95.42	Inf	-Inf	3	Vertical	324	1.00
2437MHz	Pass	AV	2.4835G	52.01	54.00	-1.99	3	Vertical	324	1.00
2437MHz	Pass	PK	2.389G	62.65	74.00	-11.35	3	Vertical	324	1.00
2437MHz	Pass	PK	2.4302G	107.42	Inf	-Inf	3	Vertical	324	1.00
2437MHz	Pass	PK	2.4835G	69.09	74.00	-4.91	3	Vertical	324	1.00
2437MHz	Pass	AV	2.3898G	51.85	54.00	-2.15	3	Horizontal	294	1.03
2437MHz	Pass	AV	2.435G	102.10	Inf	-Inf	3	Horizontal	294	1.03
2437MHz	Pass	AV	2.4854G	53.26	54.00	-0.74	3	Horizontal	294	1.03
2437MHz	Pass	PK	2.3898G	68.83	74.00	-5.17	3	Horizontal	294	1.03
2437MHz	Pass	PK	2.4478G	113.46	Inf	-Inf	3	Horizontal	294	1.03
2437MHz	Pass	PK	2.4835G	69.66	74.00	-4.34	3	Horizontal	294	1.03
2437MHz	Pass	AV	4.86576G	30.52	54.00	-23.48	3	Vertical	15	1.00
2437MHz	Pass	AV	7.30644G	38.70	54.00	-15.30	3	Vertical	336	1.36
2437MHz	Pass	PK	4.87376G	42.81	74.00	-31.19	3	Vertical	15	1.00
2437MHz	Pass	PK	7.30396G	50.79	74.00	-23.21	3	Vertical	336	1.36
2437MHz	Pass	AV	4.86568G	30.68	54.00	-23.32	3	Horizontal	337	1.00
2437MHz	Pass	AV	7.31948G	41.20	54.00	-12.80	3	Horizontal	35	2.13
2437MHz	Pass	PK	4.8658G	43.28	74.00	-30.72	3	Horizontal	337	1.00
2437MHz	Pass	PK	7.30964G	52.50	74.00	-21.50	3	Horizontal	35	2.13
2447MHz	Pass	AV	2.3842G	45.37	54.00	-8.63	3	Vertical	325	1.04
2447MHz	Pass	AV	2.4518G	94.80	Inf	-Inf	3	Vertical	325	1.04
2447MHz	Pass	AV	2.4846G	50.79	54.00	-3.21	3	Vertical	325	1.04
2447MHz	Pass	PK	2.3894G	57.66	74.00	-16.34	3	Vertical	325	1.04
2447MHz	Pass	PK	2.4522G	106.70	Inf	-Inf	3	Vertical	325	1.04
2447MHz	Pass	PK	2.4842G	66.30	74.00	-7.70	3	Vertical	325	1.04
2447MHz	Pass	AV	2.3758G	47.46	54.00	-6.54	3	Horizontal	314	1.73
2447MHz	Pass	AV	2.4518G	100.95	Inf	-Inf	3	Horizontal	314	1.73
2447MHz	Pass	AV	2.4846G	53.99	54.00	-0.01	3	Horizontal	314	1.73
2447MHz	Pass	PK	2.381G	60.64	74.00	-13.36	3	Horizontal	314	1.73
2447MHz	Pass	PK	2.4522G	112.90	Inf	-Inf	3	Horizontal	314	1.73
2447MHz	Pass	PK	2.4894G	73.11	74.00	-0.89	3	Horizontal	314	1.73
2452MHz	Pass	AV	2.3808G	45.36	54.00	-8.64	3	Vertical	325	1.12
2452MHz	Pass	AV	2.4576G	94.99	Inf	-Inf	3	Vertical	325	1.12
2452MHz	Pass	AV	2.488G	50.23	54.00	-3.77	3	Vertical	325	1.12



RSE TX above 1GHz_Radio 1

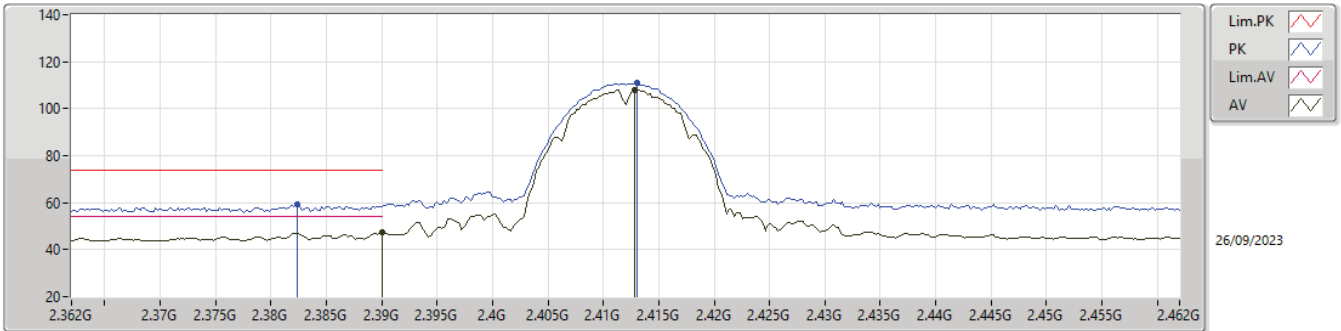
Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2452MHz	Pass	PK	2.3768G	57.66	74.00	-16.34	3	Vertical	325	1.12
2452MHz	Pass	PK	2.4532G	106.33	Inf	-Inf	3	Vertical	325	1.12
2452MHz	Pass	PK	2.488G	66.96	74.00	-7.04	3	Vertical	325	1.12
2452MHz	Pass	AV	2.388G	47.83	54.00	-6.17	3	Horizontal	309	1.38
2452MHz	Pass	AV	2.4576G	101.07	Inf	-Inf	3	Horizontal	309	1.38
2452MHz	Pass	AV	2.4852G	53.82	54.00	-0.18	3	Horizontal	309	1.38
2452MHz	Pass	PK	2.3832G	60.90	74.00	-13.10	3	Horizontal	309	1.38
2452MHz	Pass	PK	2.4628G	112.15	Inf	-Inf	3	Horizontal	309	1.38
2452MHz	Pass	PK	2.4872G	73.00	74.00	-1.00	3	Horizontal	309	1.38
2452MHz	Pass	AV	4.8976G	29.93	54.00	-24.07	3	Vertical	360	1.50
2452MHz	Pass	AV	7.35304G	38.30	54.00	-15.70	3	Vertical	329	1.00
2452MHz	Pass	PK	4.90312G	42.79	74.00	-31.21	3	Vertical	360	1.50
2452MHz	Pass	PK	7.35552G	51.00	74.00	-23.00	3	Vertical	329	1.00
2452MHz	Pass	AV	4.89512G	30.35	54.00	-23.65	3	Horizontal	335	1.42
2452MHz	Pass	AV	7.35676G	39.46	54.00	-14.54	3	Horizontal	35	2.12
2452MHz	Pass	PK	4.89584G	42.56	74.00	-31.44	3	Horizontal	335	1.42
2452MHz	Pass	PK	7.35444G	52.06	74.00	-21.94	3	Horizontal	35	2.12



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

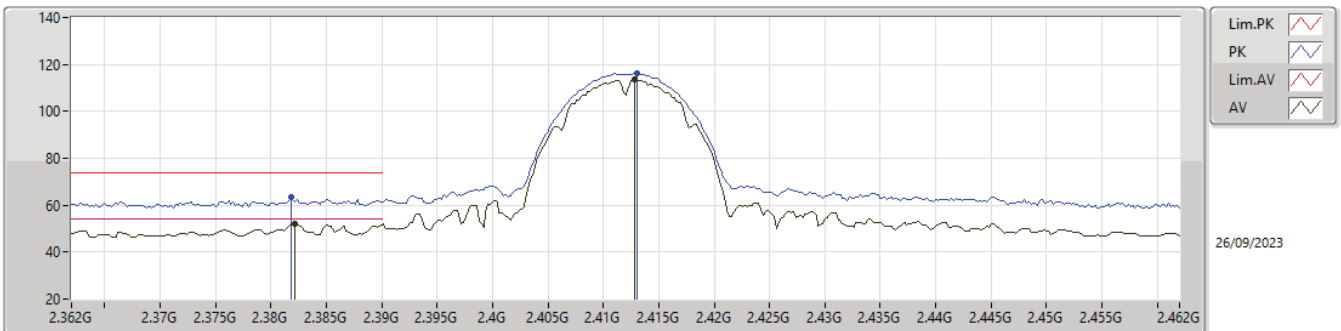
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.28	54.00	-6.72	30.85	3	Vertical	329	1.06	16.43	27.50	3.35	-
AV	2.4128G	108.01	Inf	-Inf	30.90	3	Vertical	329	1.06	77.11	27.53	3.37	-
PK	2.3824G	59.18	74.00	-14.82	30.85	3	Vertical	329	1.06	28.33	27.50	3.35	-
PK	2.413G	110.81	Inf	-Inf	30.90	3	Vertical	329	1.06	79.91	27.53	3.37	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

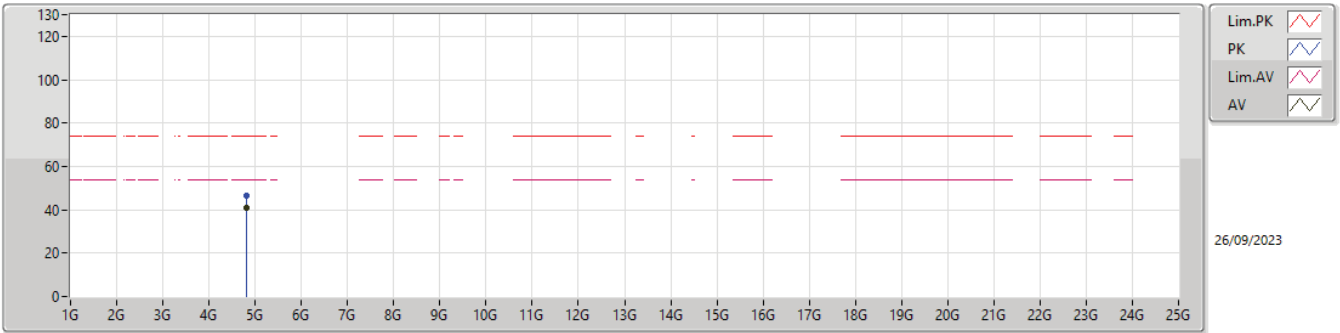


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3822G	52.15	54.00	-1.85	30.85	3	Horizontal	314	1.30	21.30	27.50	3.35	-
AV	2.4128G	113.59	Inf	-Inf	30.90	3	Horizontal	314	1.30	82.69	27.53	3.37	-
PK	2.3818G	63.45	74.00	-10.55	30.85	3	Horizontal	314	1.30	32.60	27.50	3.35	-
PK	2.413G	116.25	Inf	-Inf	30.90	3	Horizontal	314	1.30	85.35	27.53	3.37	-



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

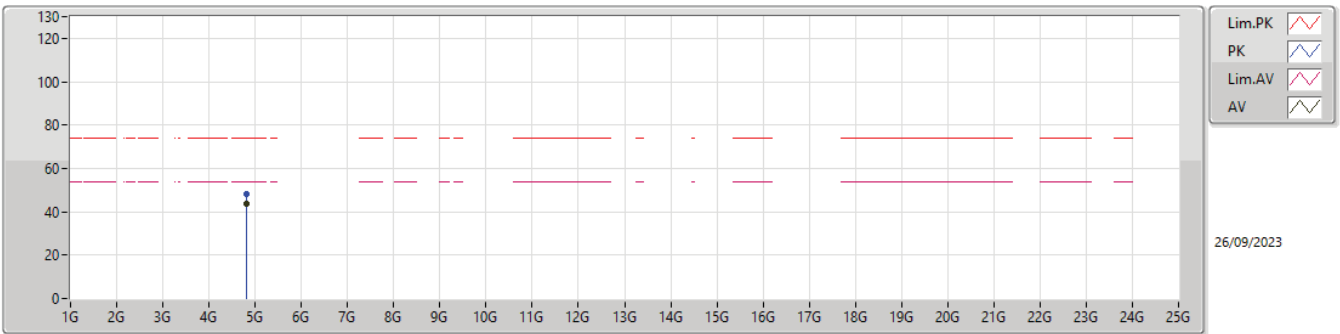
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82398G	41.03	54.00	-12.97	-6.33	3	Vertical	49	1.03	47.36	32.70	4.99	44.02
PK	4.82392G	46.30	74.00	-27.70	-6.33	3	Vertical	49	1.03	52.63	32.70	4.99	44.02

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

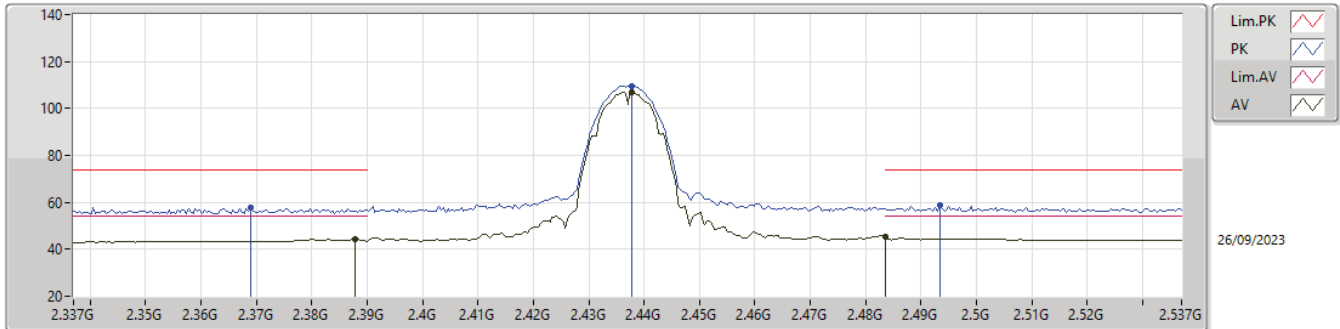


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82398G	43.43	54.00	-10.57	-6.33	3	Horizontal	308	1.00	49.76	32.70	4.99	44.02
PK	4.82404G	47.93	74.00	-26.07	-6.33	3	Horizontal	308	1.00	54.26	32.70	4.99	44.02



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

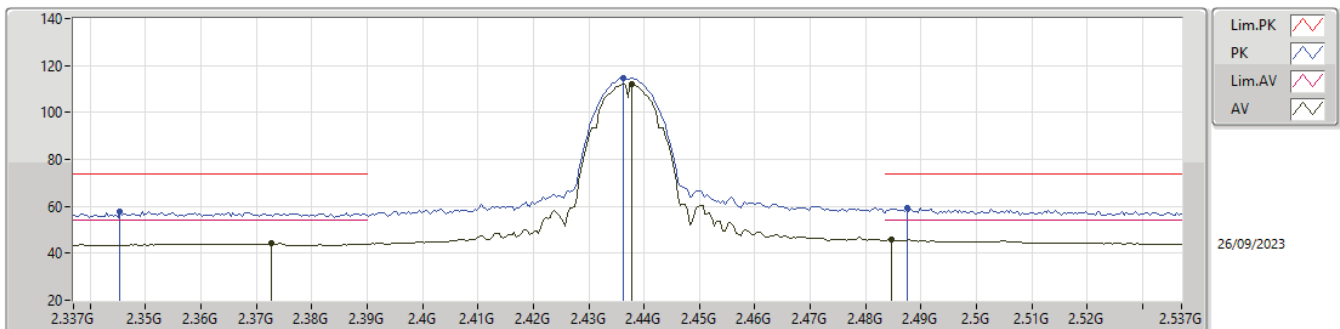
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	44.33	54.00	-9.67	30.85	3	Vertical	0	1.00	13.48	27.50	3.35	-
AV	2.4378G	107.04	Inf	-Inf	31.09	3	Vertical	0	1.00	75.95	27.70	3.39	-
AV	2.4835G	45.09	54.00	-8.91	31.36	3	Vertical	0	1.00	13.73	27.93	3.43	-
PK	2.369G	57.98	74.00	-16.02	30.84	3	Vertical	0	1.00	27.14	27.50	3.34	-
PK	2.4378G	109.67	Inf	-Inf	31.09	3	Vertical	0	1.00	78.58	27.70	3.39	-
PK	2.4934G	58.62	74.00	-15.38	31.47	3	Vertical	0	1.00	27.15	28.03	3.44	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

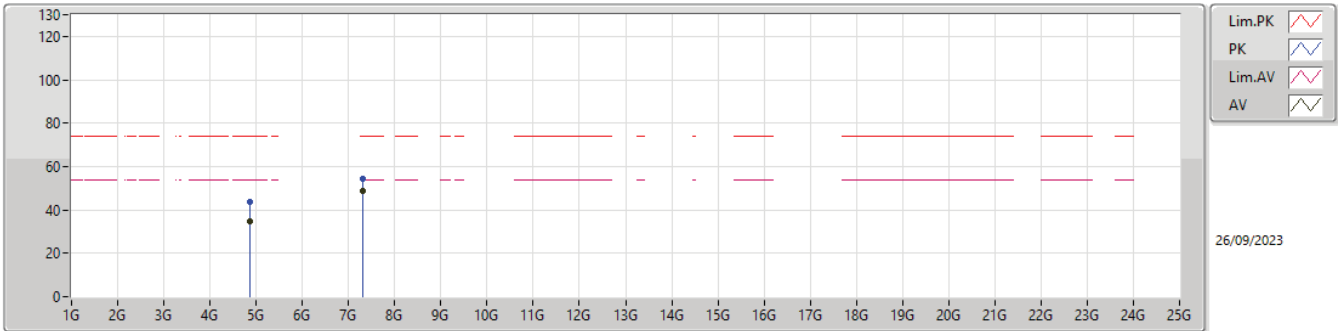


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3726G	44.16	54.00	-9.84	30.84	3	Horizontal	15	2.49	13.32	27.50	3.34	-
AV	2.4378G	111.94	Inf	-Inf	31.09	3	Horizontal	15	2.49	80.85	27.70	3.39	-
AV	2.4846G	45.85	54.00	-8.15	31.38	3	Horizontal	15	2.49	14.47	27.95	3.43	-
PK	2.3454G	57.90	74.00	-16.10	30.78	3	Horizontal	15	2.49	27.12	27.45	3.33	-
PK	2.4362G	114.68	Inf	-Inf	31.09	3	Horizontal	15	2.49	83.59	27.70	3.39	-
PK	2.4874G	59.42	74.00	-14.58	31.40	3	Horizontal	15	2.49	28.02	27.97	3.43	-



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

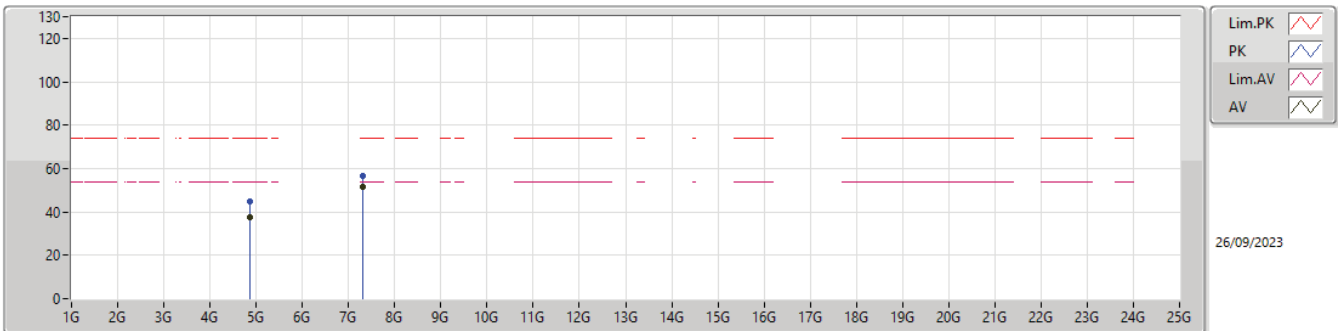


26/09/2023

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	35.02	54.00	-18.98	-6.11	3	Vertical	50	1.29	41.13	32.90	5.02	44.03
AV	7.31022G	48.57	54.00	-5.43	-0.52	3	Vertical	310	1.43	49.09	37.16	6.22	43.90
PK	4.87414G	43.95	74.00	-30.05	-6.11	3	Vertical	50	1.29	50.06	32.90	5.02	44.03
PK	7.31252G	54.49	74.00	-19.51	-0.53	3	Vertical	310	1.43	55.02	37.15	6.22	43.90

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

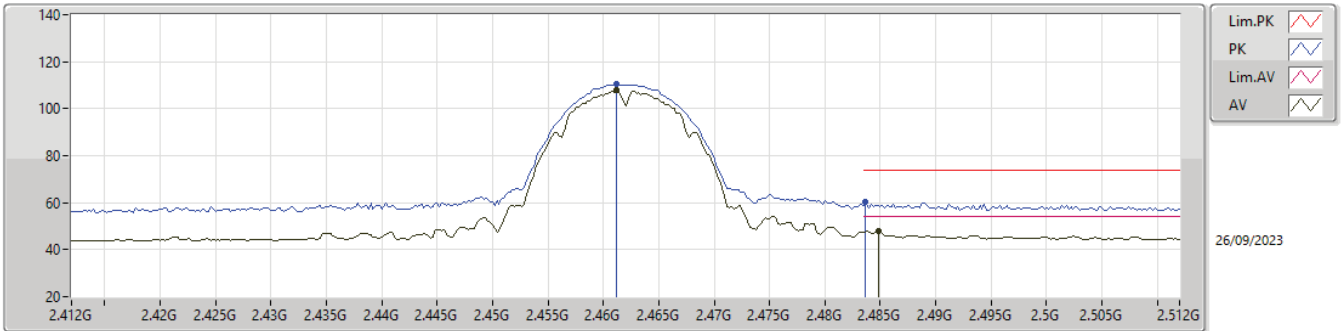


26/09/2023

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87404G	37.32	54.00	-16.68	-6.11	3	Horizontal	340	1.21	43.43	32.90	5.02	44.03
AV	7.31024G	51.83	54.00	-2.17	-0.52	3	Horizontal	46	1.93	52.35	37.16	6.22	43.90
PK	4.87417G	44.78	74.00	-29.22	-6.11	3	Horizontal	340	1.21	50.89	32.90	5.02	44.03
PK	7.3101G	56.79	74.00	-17.21	-0.52	3	Horizontal	46	1.93	57.31	37.16	6.22	43.90

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

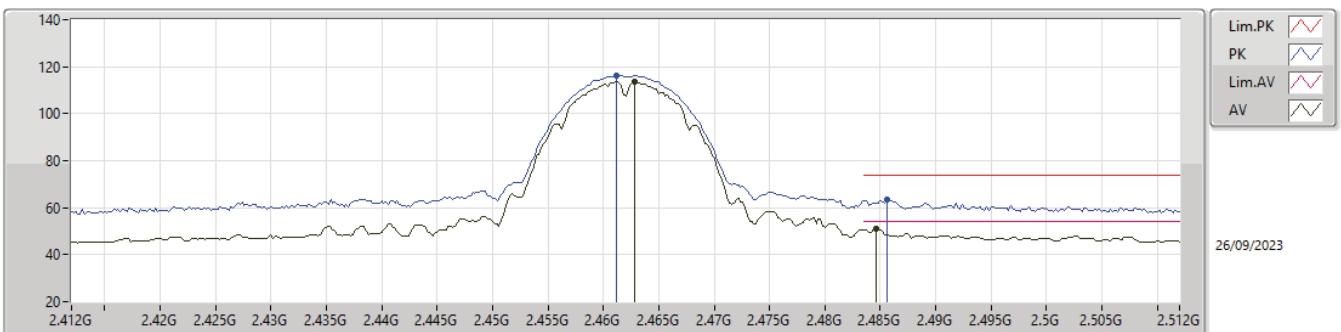
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	107.68	Inf	-Inf	31.21	3	Vertical	327	1.13	76.47	27.80	3.41	-
AV	2.4848G	48.03	54.00	-5.97	31.38	3	Vertical	327	1.13	16.65	27.95	3.43	-
PK	2.4612G	110.37	Inf	-Inf	31.21	3	Vertical	327	1.13	79.16	27.80	3.41	-
PK	2.4836G	60.53	74.00	-13.47	31.37	3	Vertical	327	1.13	29.16	27.94	3.43	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

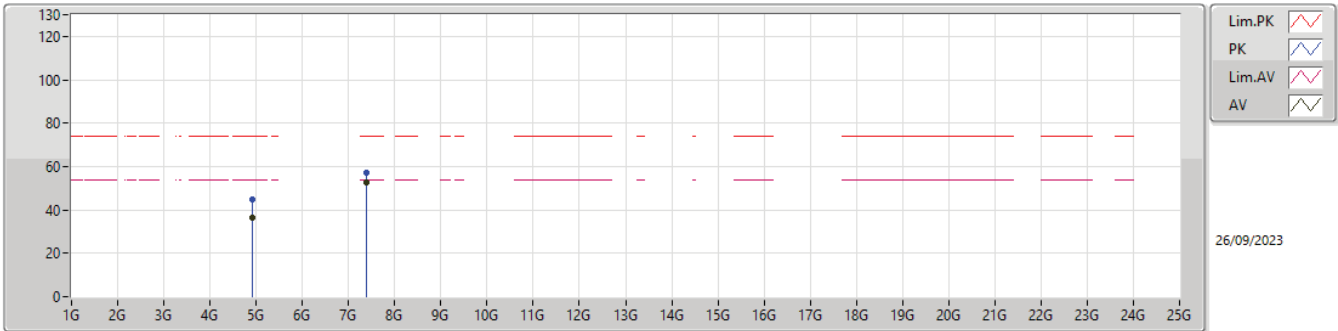


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	113.48	Inf	-Inf	31.21	3	Horizontal	313	1.96	82.27	27.80	3.41	-
AV	2.4846G	51.27	54.00	-2.73	31.38	3	Horizontal	313	1.96	19.89	27.95	3.43	-
PK	2.4612G	116.34	Inf	-Inf	31.21	3	Horizontal	313	1.96	85.13	27.80	3.41	-
PK	2.4856G	63.47	74.00	-10.53	31.39	3	Horizontal	313	1.96	32.08	27.96	3.43	-



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

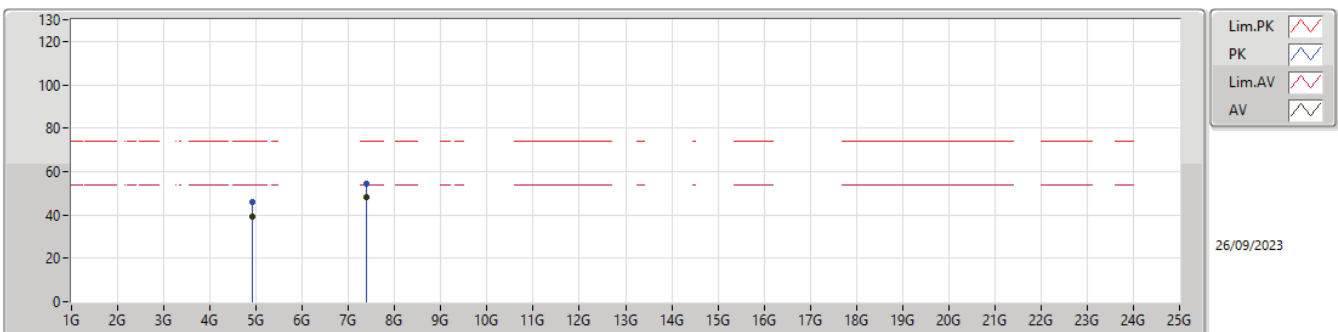
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92402G	36.32	54.00	-17.68	-5.89	3	Vertical	53	1.70	42.21	33.10	5.05	44.04
AV	7.38676G	52.77	54.00	-1.23	-0.80	3	Vertical	321	1.05	53.57	36.78	6.27	43.85
PK	4.92388G	44.76	74.00	-29.24	-5.89	3	Vertical	53	1.70	50.65	33.10	5.05	44.04
PK	7.38518G	57.42	74.00	-16.58	-0.79	3	Vertical	321	1.05	58.21	36.79	6.27	43.85

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

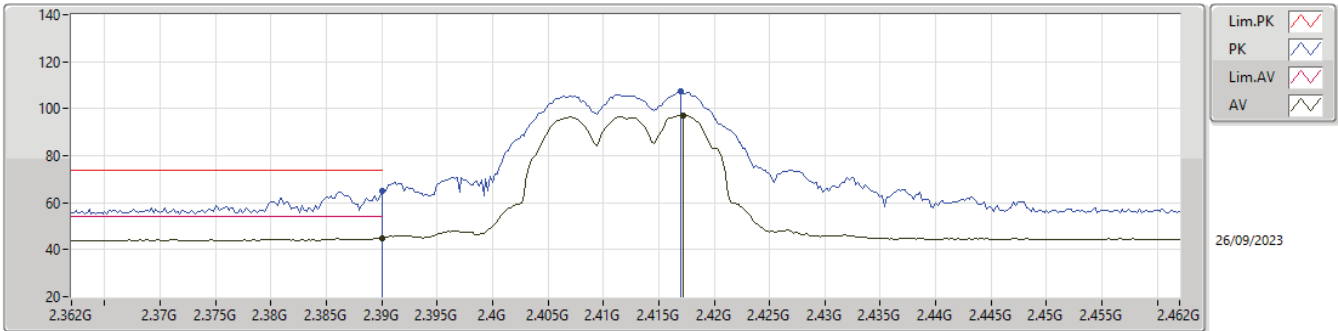


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92402G	39.14	54.00	-14.86	-5.89	3	Horizontal	41	1.50	45.03	33.10	5.05	44.04
AV	7.38522G	48.28	54.00	-5.72	-0.79	3	Horizontal	49	2.08	49.07	36.79	6.27	43.85
PK	4.92386G	45.85	74.00	-28.15	-5.89	3	Horizontal	41	1.50	51.74	33.10	5.05	44.04
PK	7.38498G	54.15	74.00	-19.85	-0.79	3	Horizontal	49	2.08	54.94	36.79	6.27	43.85



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

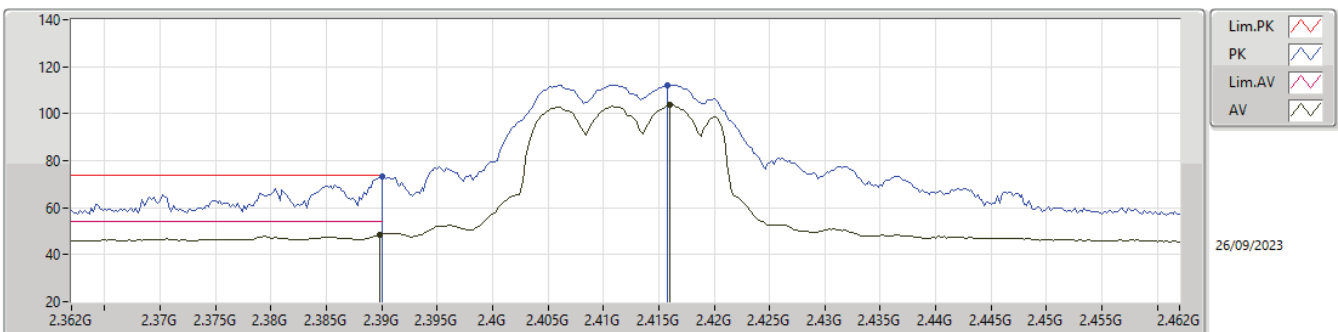
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	44.87	54.00	-9.13	30.85	3	Vertical	329	1.08	14.02	27.50	3.35	-
AV	2.4172G	97.09	Inf	-Inf	30.94	3	Vertical	329	1.08	66.15	27.57	3.37	-
PK	2.39G	64.87	74.00	-9.13	30.85	3	Vertical	329	1.08	34.02	27.50	3.35	-
PK	2.417G	107.29	Inf	-Inf	30.94	3	Vertical	329	1.08	76.35	27.57	3.37	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

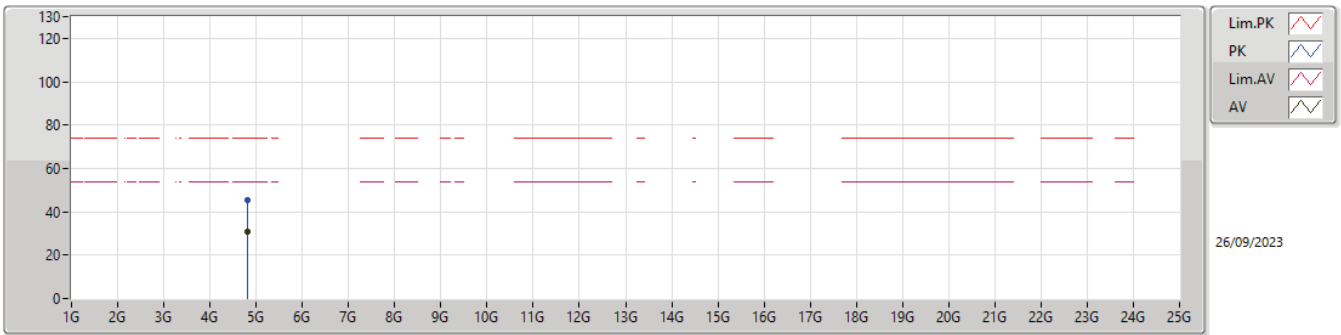


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.37	54.00	-5.63	30.85	3	Horizontal	306	1.28	17.52	27.50	3.35	-
AV	2.416G	103.71	Inf	-Inf	30.93	3	Horizontal	306	1.28	72.78	27.56	3.37	-
PK	2.39G	73.26	74.00	-0.74	30.85	3	Horizontal	306	1.28	42.41	27.50	3.35	-
PK	2.4158G	112.32	Inf	-Inf	30.93	3	Horizontal	306	1.28	81.39	27.56	3.37	-



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

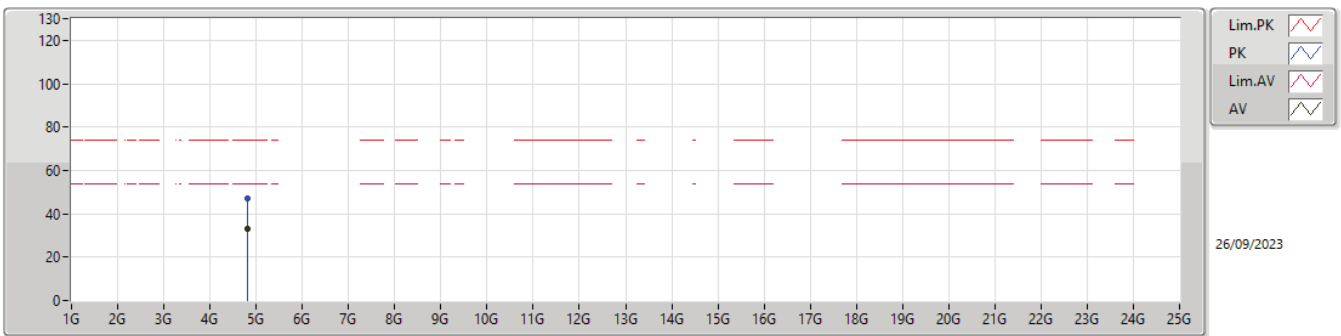
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8229G	30.87	54.00	-23.13	-6.35	3	Vertical	53	1.00	37.22	32.69	4.98	44.02
PK	4.82292G	45.13	74.00	-28.87	-6.35	3	Vertical	53	1.00	51.48	32.69	4.98	44.02

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

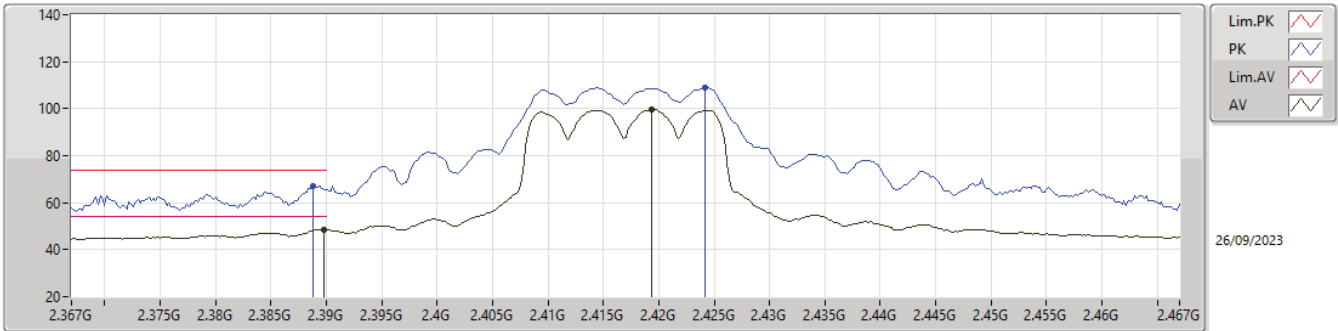


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82306G	33.30	54.00	-20.70	-6.35	3	Horizontal	337	1.24	39.65	32.69	4.98	44.02
PK	4.82184G	46.95	74.00	-27.05	-6.35	3	Horizontal	337	1.24	53.30	32.69	4.98	44.02



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

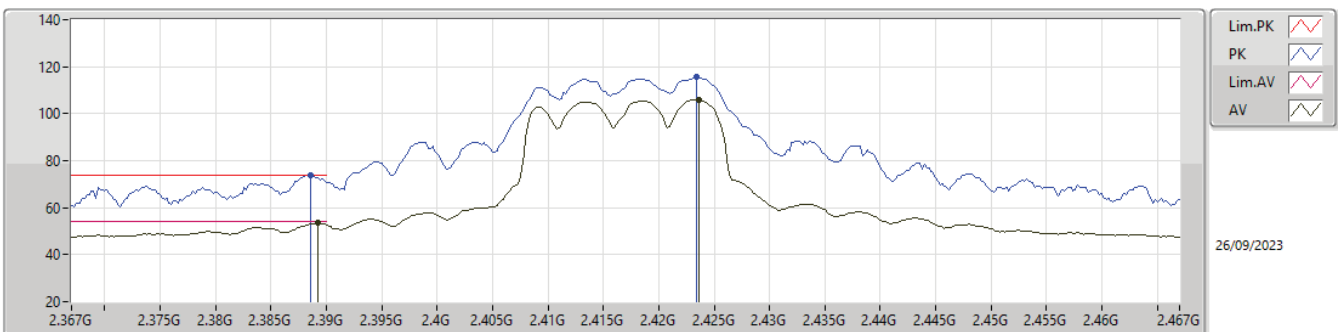


26/09/2023

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.67	54.00	-5.33	30.85	3	Vertical	326	1.08	17.82	27.50	3.35	-
AV	2.4194G	99.63	Inf	-Inf	30.97	3	Vertical	326	1.08	68.66	27.59	3.38	-
PK	2.3888G	67.25	74.00	-6.75	30.85	3	Vertical	326	1.08	36.40	27.50	3.35	-
PK	2.4242G	108.76	Inf	-Inf	31.02	3	Vertical	326	1.08	77.74	27.64	3.38	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX



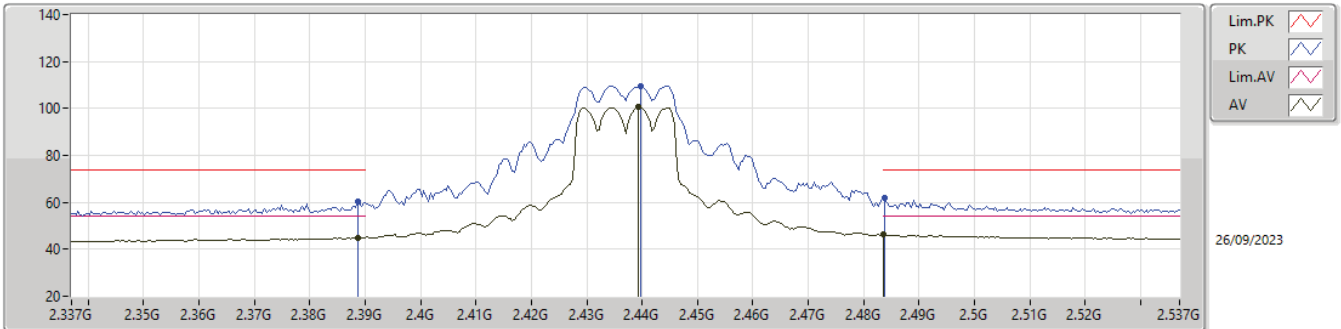
26/09/2023

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	53.42	54.00	-0.58	30.85	3	Horizontal	304	1.20	22.57	27.50	3.35	-
AV	2.4236G	105.86	Inf	-Inf	31.02	3	Horizontal	304	1.20	74.84	27.64	3.38	-
PK	2.3886G	73.75	74.00	-0.25	30.85	3	Horizontal	304	1.20	42.90	27.50	3.35	-
PK	2.4234G	115.46	Inf	-Inf	31.01	3	Horizontal	304	1.20	84.45	27.63	3.38	-



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

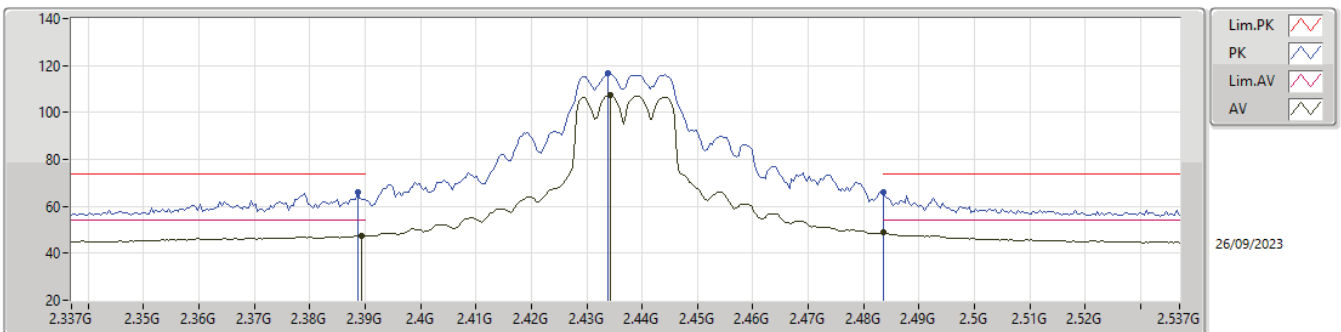
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	45.02	54.00	-8.98	30.85	3	Vertical	329	1.00	14.17	27.50	3.35	-
AV	2.4394G	100.54	Inf	-Inf	31.09	3	Vertical	329	1.00	69.45	27.70	3.39	-
AV	2.4835G	46.32	54.00	-7.68	31.36	3	Vertical	329	1.00	14.96	27.93	3.43	-
PK	2.3886G	60.28	74.00	-13.72	30.85	3	Vertical	329	1.00	29.43	27.50	3.35	-
PK	2.4398G	109.55	Inf	-Inf	31.09	3	Vertical	329	1.00	78.46	27.70	3.39	-
PK	2.4838G	61.79	74.00	-12.21	31.37	3	Vertical	329	1.00	30.42	27.94	3.43	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

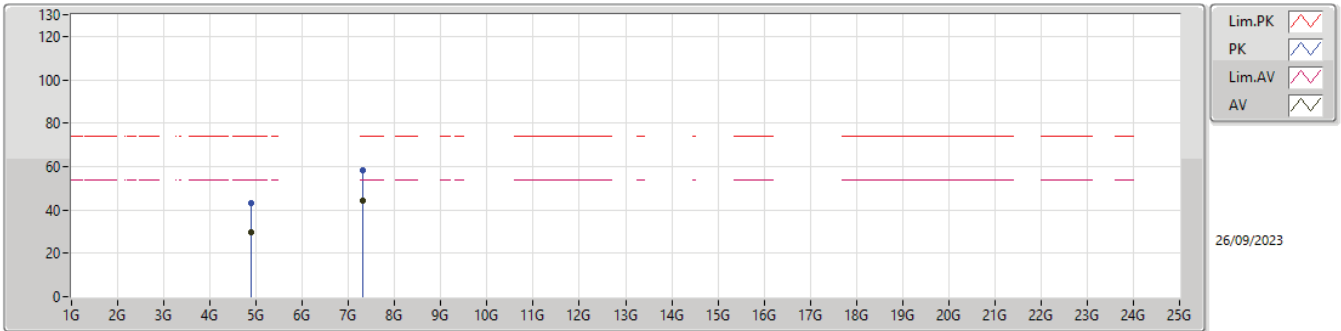


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	47.66	54.00	-6.34	30.85	3	Horizontal	313	1.48	16.81	27.50	3.35	-
AV	2.4342G	107.19	Inf	-Inf	31.09	3	Horizontal	313	1.48	76.10	27.70	3.39	-
AV	2.4835G	48.75	54.00	-5.25	31.36	3	Horizontal	313	1.48	17.39	27.93	3.43	-
PK	2.3886G	65.82	74.00	-8.18	30.85	3	Horizontal	313	1.48	34.97	27.50	3.35	-
PK	2.4338G	116.48	Inf	-Inf	31.09	3	Horizontal	313	1.48	85.39	27.70	3.39	-
PK	2.4835G	66.17	74.00	-7.83	31.36	3	Horizontal	313	1.48	34.81	27.93	3.43	-



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

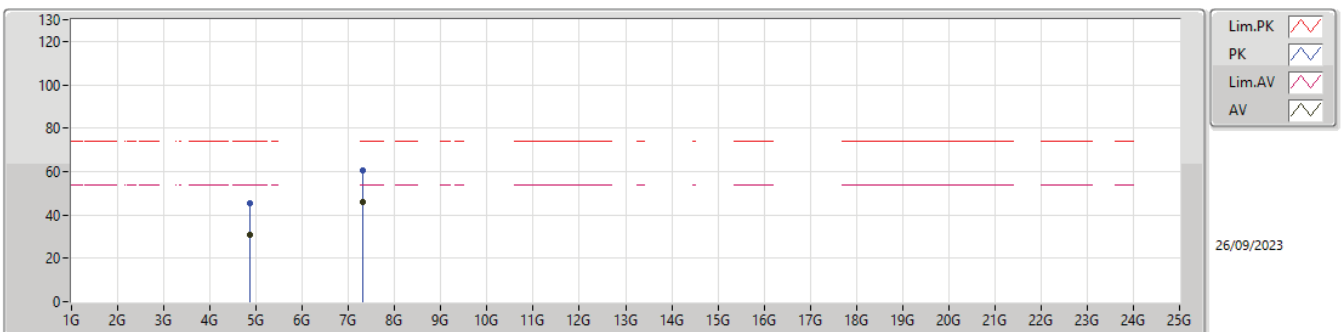
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87804G	29.70	54.00	-24.30	-6.10	3	Vertical	49	1.22	35.80	32.91	5.02	44.03
AV	7.30936G	44.16	54.00	-9.84	-0.52	3	Vertical	334	1.30	44.68	37.16	6.22	43.90
PK	4.87894G	43.10	74.00	-30.90	-6.09	3	Vertical	49	1.22	49.19	32.92	5.02	44.03
PK	7.30894G	58.55	74.00	-15.45	-0.52	3	Vertical	334	1.30	59.07	37.16	6.22	43.90

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

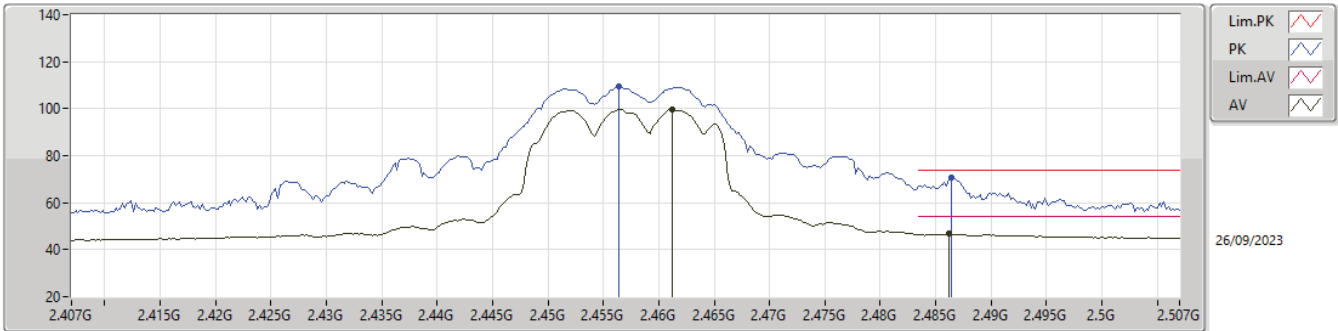


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87704G	30.84	54.00	-23.16	-6.10	3	Horizontal	334	1.17	36.94	32.91	5.02	44.03
AV	7.30936G	46.18	54.00	-7.82	-0.52	3	Horizontal	50	2.04	46.70	37.16	6.22	43.90
PK	4.87132G	45.52	74.00	-28.48	-6.12	3	Horizontal	334	1.17	51.64	32.89	5.02	44.03
PK	7.31268G	60.45	74.00	-13.55	-0.53	3	Horizontal	50	2.04	60.98	37.15	6.22	43.90



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

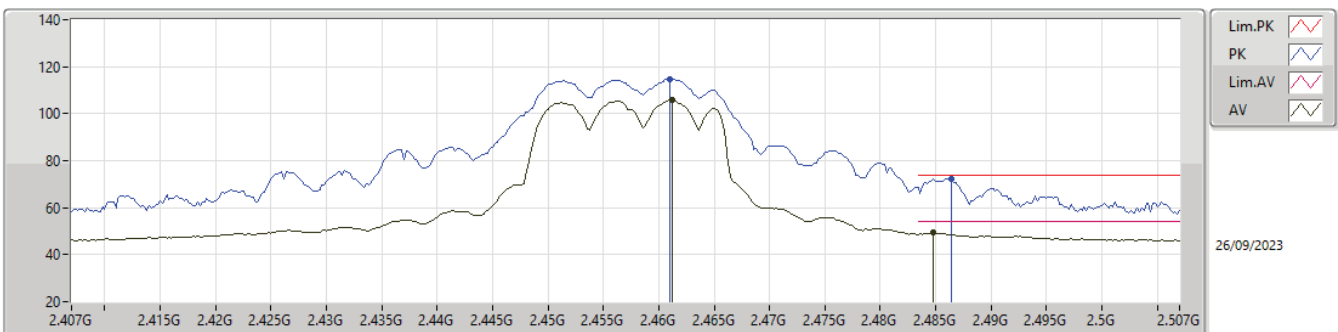


26/09/2023

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	99.76	Inf	-Inf	31.21	3	Vertical	326	1.12	68.55	27.80	3.41	-
AV	2.4862G	46.96	54.00	-7.04	31.39	3	Vertical	326	1.12	15.57	27.96	3.43	-
PK	2.4564G	109.42	Inf	-Inf	31.17	3	Vertical	326	1.12	78.25	27.76	3.41	-
PK	2.4864G	70.67	74.00	-3.33	31.39	3	Vertical	326	1.12	39.28	27.96	3.43	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX



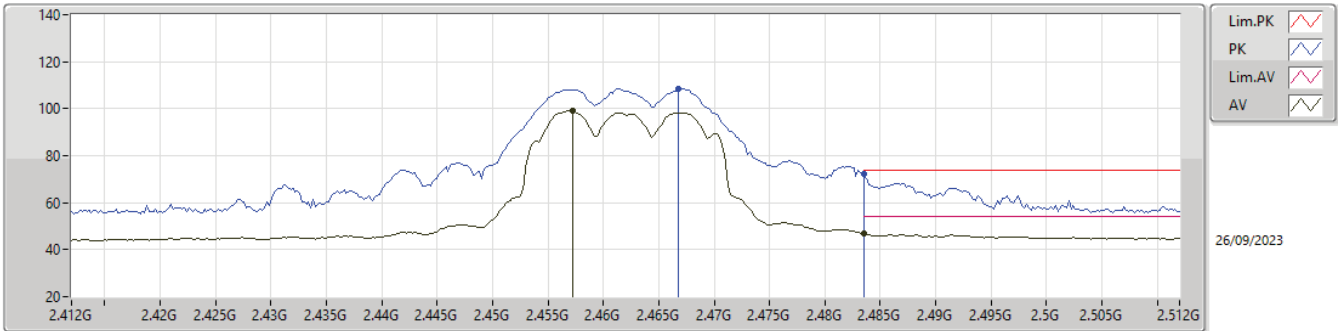
26/09/2023

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	106.05	Inf	-Inf	31.21	3	Horizontal	307	1.22	74.84	27.80	3.41	-
AV	2.4848G	49.30	54.00	-4.70	31.38	3	Horizontal	307	1.22	17.92	27.95	3.43	-
PK	2.461G	114.73	Inf	-Inf	31.21	3	Horizontal	307	1.22	83.52	27.80	3.41	-
PK	2.4864G	72.27	74.00	-1.73	31.39	3	Horizontal	307	1.22	40.88	27.96	3.43	-



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

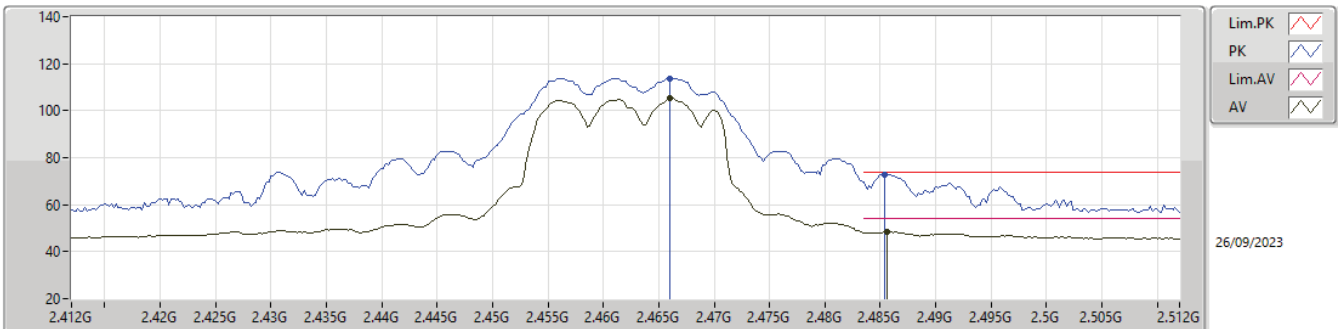
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4572G	99.15	Inf	-Inf	31.18	3	Vertical	328	1.11	67.97	27.77	3.41	-
AV	2.4835G	46.69	54.00	-7.31	31.36	3	Vertical	328	1.11	15.33	27.93	3.43	-
PK	2.4668G	108.46	Inf	-Inf	31.22	3	Vertical	328	1.11	77.24	27.80	3.42	-
PK	2.4835G	72.07	74.00	-1.93	31.36	3	Vertical	328	1.11	40.71	27.93	3.43	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

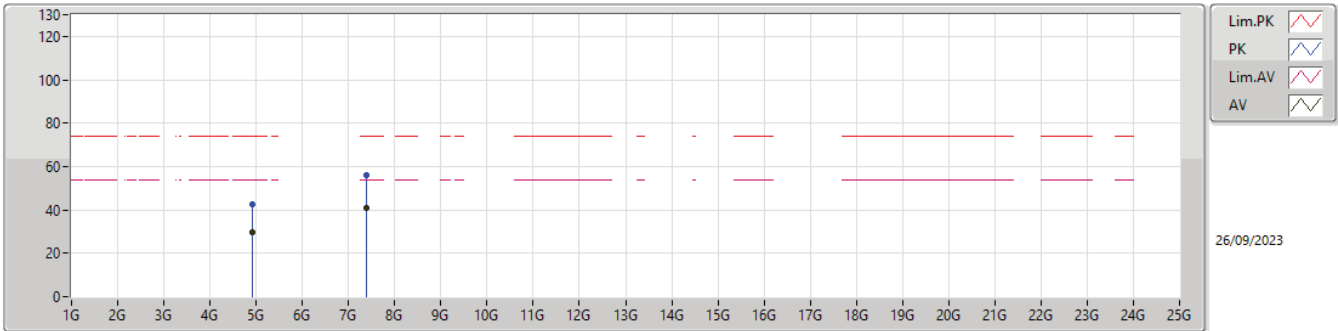


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.466G	105.25	Inf	-Inf	31.22	3	Horizontal	305	1.24	74.03	27.80	3.42	-
AV	2.4856G	48.36	54.00	-5.64	31.39	3	Horizontal	305	1.24	16.97	27.96	3.43	-
PK	2.466G	113.80	Inf	-Inf	31.22	3	Horizontal	305	1.24	82.58	27.80	3.42	-
PK	2.4854G	72.95	74.00	-1.05	31.38	3	Horizontal	305	1.24	41.57	27.95	3.43	-



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

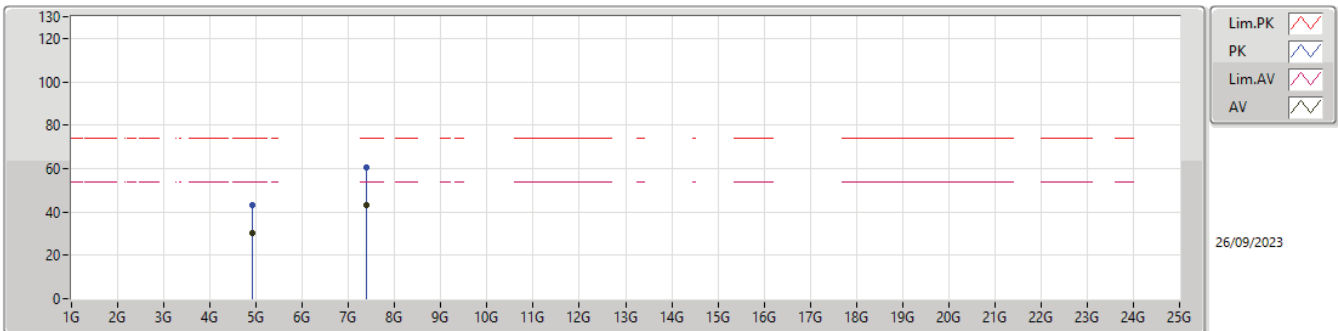
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92766G	29.49	54.00	-24.51	-5.88	3	Vertical	49	1.50	35.37	33.11	5.05	44.04
AV	7.38518G	41.02	54.00	-12.98	-0.79	3	Vertical	331	1.00	41.81	36.79	6.27	43.85
PK	4.92142G	42.70	74.00	-31.30	-5.90	3	Vertical	49	1.50	48.60	33.09	5.05	44.04
PK	7.38532G	56.17	74.00	-17.83	-0.79	3	Vertical	331	1.00	56.96	36.79	6.27	43.85

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

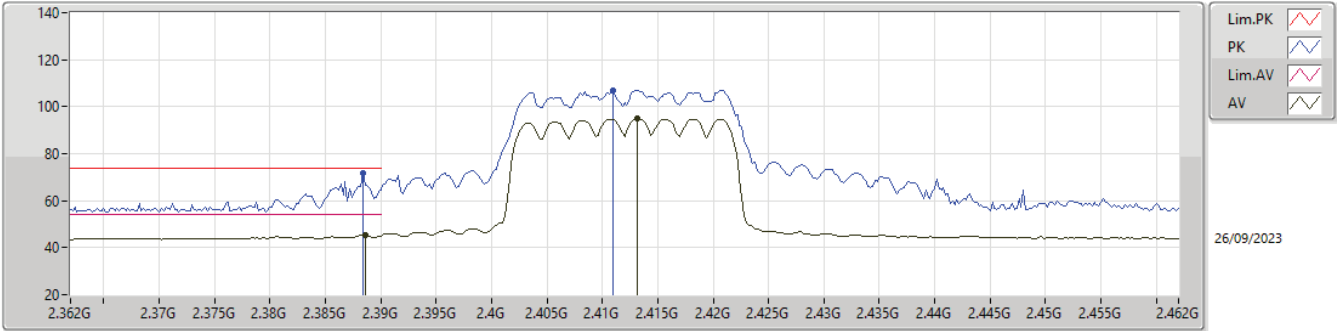
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92254G	30.39	54.00	-23.61	-5.90	3	Horizontal	39	1.73	36.29	33.09	5.05	44.04
AV	7.38752G	42.98	54.00	-11.02	-0.81	3	Horizontal	32	2.30	43.79	36.77	6.27	43.85
PK	4.92534G	43.22	74.00	-30.78	-5.89	3	Horizontal	39	1.73	49.11	33.10	5.05	44.04
PK	7.38748G	60.46	74.00	-13.54	-0.80	3	Horizontal	32	2.30	61.26	36.78	6.27	43.85

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

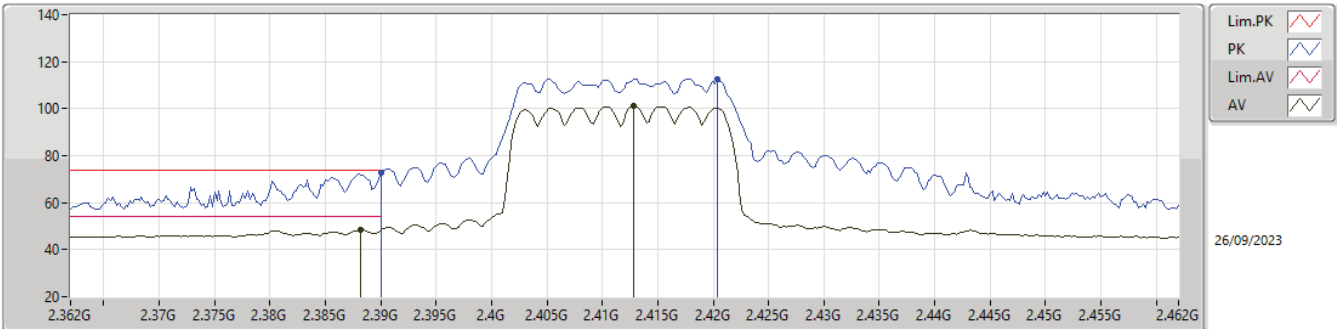
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	45.40	54.00	-8.60	30.85	3	Vertical	329	1.05	14.55	27.50	3.35	-
AV	2.4132G	94.78	Inf	-Inf	30.90	3	Vertical	329	1.05	63.88	27.53	3.37	-
PK	2.3884G	71.92	74.00	-2.08	30.85	3	Vertical	329	1.05	41.07	27.50	3.35	-
PK	2.411G	107.09	Inf	-Inf	30.88	3	Vertical	329	1.05	76.21	27.51	3.37	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

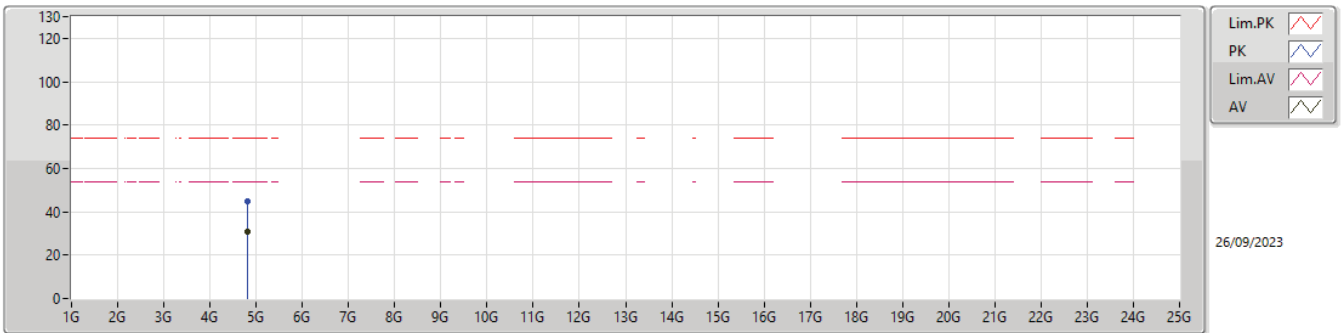


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	48.50	54.00	-5.50	30.85	3	Horizontal	309	1.29	17.65	27.50	3.35	-
AV	2.4128G	101.11	Inf	-Inf	30.90	3	Horizontal	309	1.29	70.21	27.53	3.37	-
PK	2.39G	72.78	74.00	-1.22	30.85	3	Horizontal	309	1.29	41.93	27.50	3.35	-
PK	2.4204G	112.81	Inf	-Inf	30.98	3	Horizontal	309	1.29	81.83	27.60	3.38	-



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

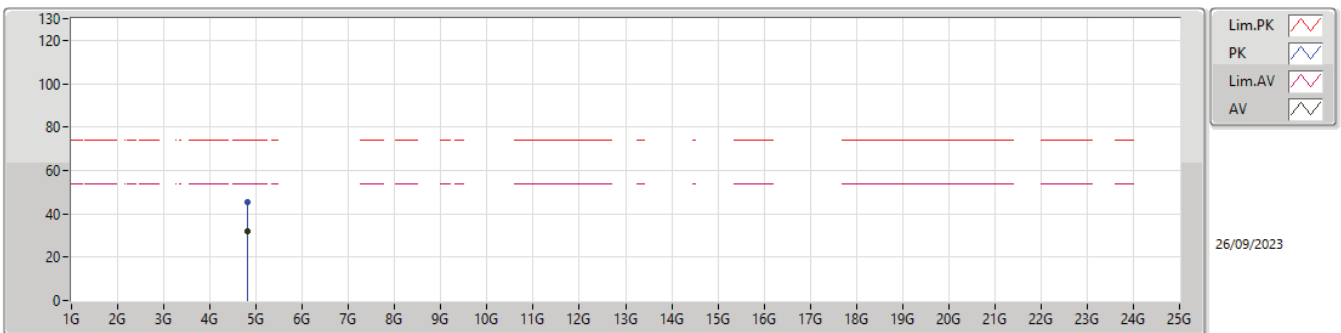
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82108G	31.03	54.00	-22.97	-6.36	3	Vertical	348	1.00	37.39	32.68	4.98	44.02
PK	4.82144G	45.05	74.00	-28.95	-6.35	3	Vertical	348	1.00	51.40	32.69	4.98	44.02

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

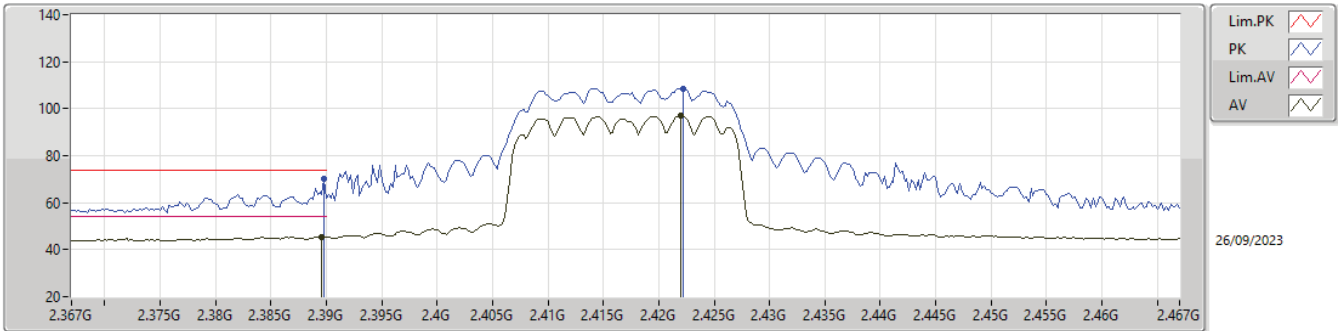


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82268G	32.18	54.00	-21.82	-6.35	3	Horizontal	333	1.22	38.53	32.69	4.98	44.02
PK	4.82066G	45.58	74.00	-28.42	-6.36	3	Horizontal	333	1.22	51.94	32.68	4.98	44.02



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

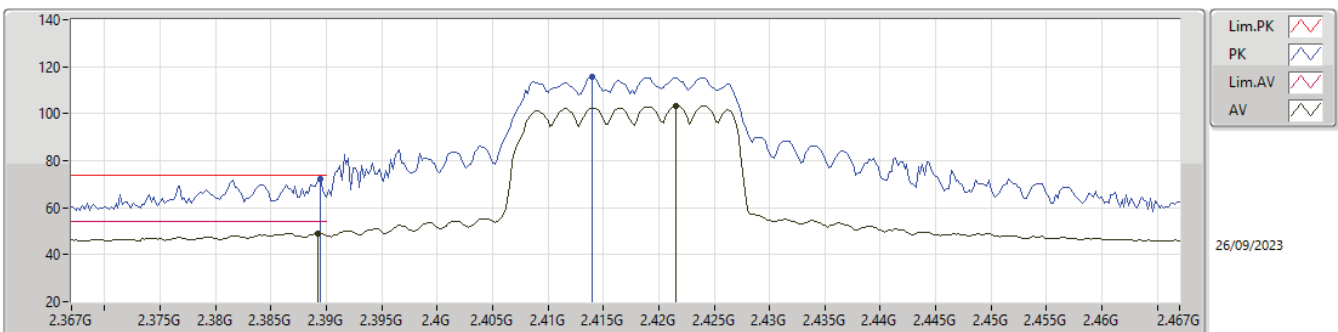
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	45.56	54.00	-8.44	30.85	3	Vertical	327	1.09	14.71	27.50	3.35	-
AV	2.422G	96.89	Inf	-Inf	31.00	3	Vertical	327	1.09	65.89	27.62	3.38	-
PK	2.3898G	70.16	74.00	-3.84	30.85	3	Vertical	327	1.09	39.31	27.50	3.35	-
PK	2.422G	108.48	Inf	-Inf	31.00	3	Vertical	327	1.09	77.48	27.62	3.38	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

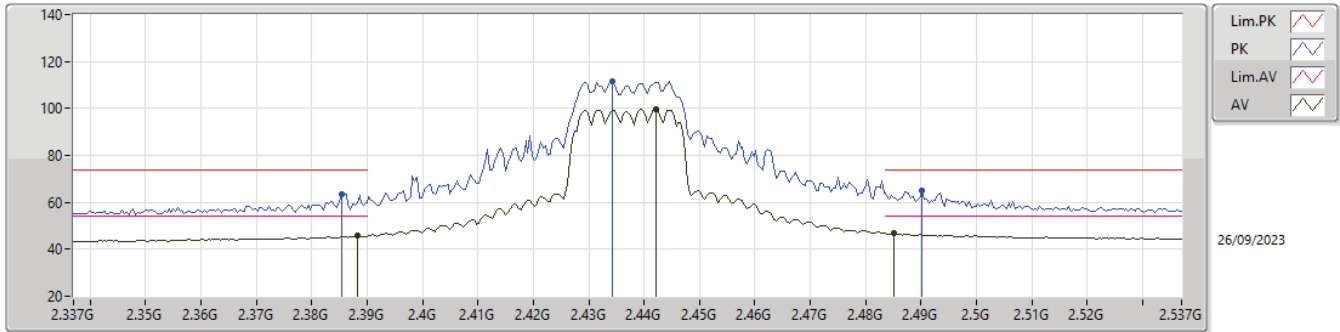
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	48.99	54.00	-5.01	30.85	3	Horizontal	309	1.15	18.14	27.50	3.35	-
AV	2.4216G	103.32	Inf	-Inf	31.00	3	Horizontal	309	1.15	72.32	27.62	3.38	-
PK	2.3894G	72.48	74.00	-1.52	30.85	3	Horizontal	309	1.15	41.63	27.50	3.35	-
PK	2.414G	115.65	Inf	-Inf	30.91	3	Horizontal	309	1.15	84.74	27.54	3.37	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

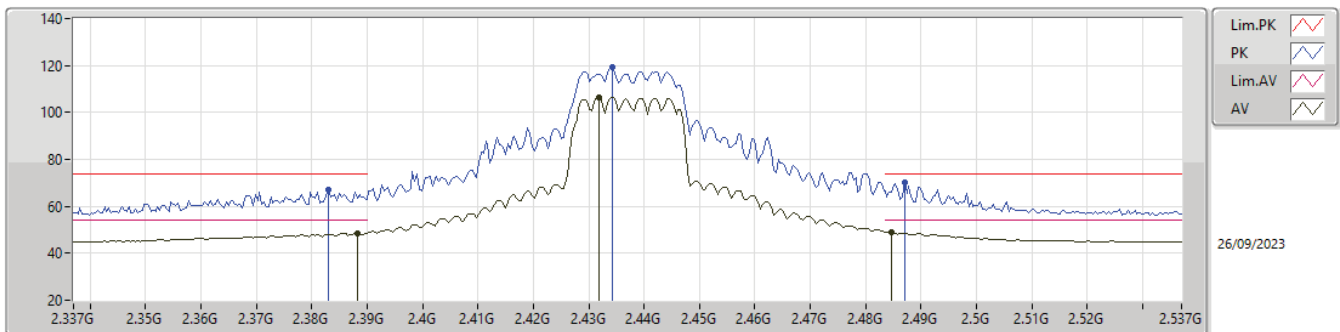
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	45.77	54.00	-8.23	30.85	3	Vertical	326	1.00	14.92	27.50	3.35	-
AV	2.4422G	99.73	Inf	-Inf	31.10	3	Vertical	326	1.00	68.63	27.70	3.40	-
AV	2.485G	46.74	54.00	-7.26	31.38	3	Vertical	326	1.00	15.36	27.95	3.43	-
PK	2.3854G	63.63	74.00	-10.37	30.85	3	Vertical	326	1.00	32.78	27.50	3.35	-
PK	2.4342G	111.67	Inf	-Inf	31.09	3	Vertical	326	1.00	80.58	27.70	3.39	-
PK	2.4902G	64.84	74.00	-9.16	31.44	3	Vertical	326	1.00	33.40	28.00	3.44	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

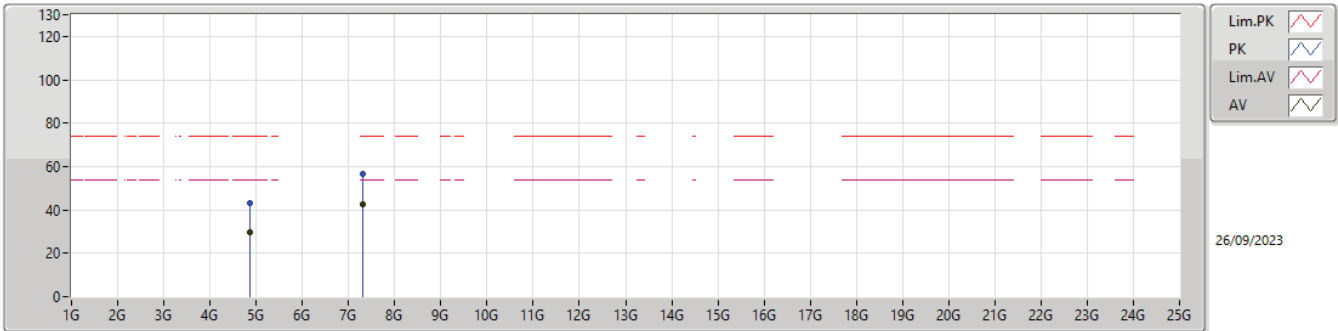


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	48.60	54.00	-5.40	30.85	3	Horizontal	313	1.50	17.75	27.50	3.35	-
AV	2.4318G	106.25	Inf	-Inf	31.09	3	Horizontal	313	1.50	75.16	27.70	3.39	-
AV	2.4846G	49.15	54.00	-4.85	31.38	3	Horizontal	313	1.50	17.77	27.95	3.43	-
PK	2.383G	66.88	74.00	-7.12	30.85	3	Horizontal	313	1.50	36.03	27.50	3.35	-
PK	2.4342G	119.16	Inf	-Inf	31.09	3	Horizontal	313	1.50	88.07	27.70	3.39	-
PK	2.487G	70.12	74.00	-3.88	31.40	3	Horizontal	313	1.50	38.72	27.97	3.43	-



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

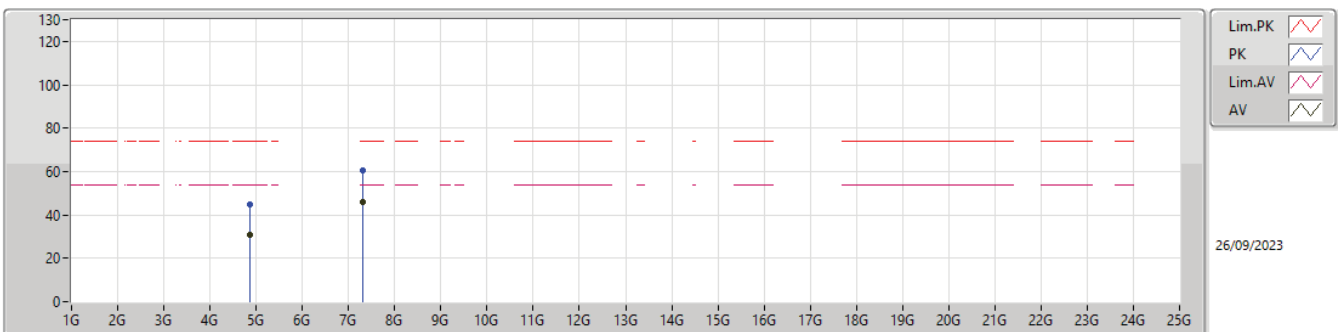
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87592G	29.64	54.00	-24.36	-6.11	3	Vertical	52	1.20	35.75	32.90	5.02	44.03
AV	7.31152G	42.78	54.00	-11.22	-0.53	3	Vertical	337	1.50	43.31	37.15	6.22	43.90
PK	4.87574G	43.27	74.00	-30.73	-6.11	3	Vertical	52	1.20	49.38	32.90	5.02	44.03
PK	7.31422G	56.43	74.00	-17.57	-0.54	3	Vertical	337	1.50	56.97	37.14	6.22	43.90

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

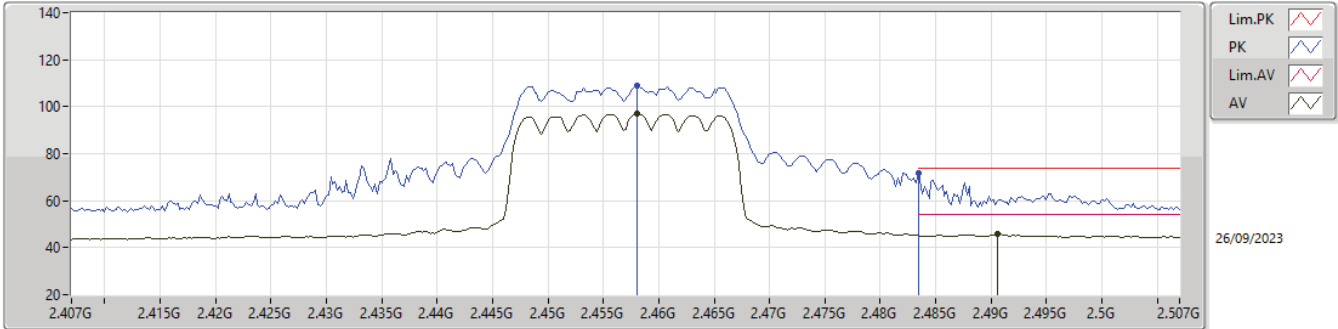


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87546G	30.69	54.00	-23.31	-6.11	3	Horizontal	333	1.00	36.80	32.90	5.02	44.03
AV	7.31356G	45.73	54.00	-8.27	-0.53	3	Horizontal	50	2.10	46.26	37.15	6.22	43.90
PK	4.86998G	44.60	74.00	-29.40	-6.13	3	Horizontal	333	1.00	50.73	32.88	5.02	44.03
PK	7.30618G	60.32	74.00	-13.68	-0.50	3	Horizontal	50	2.10	60.82	37.18	6.22	43.90



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

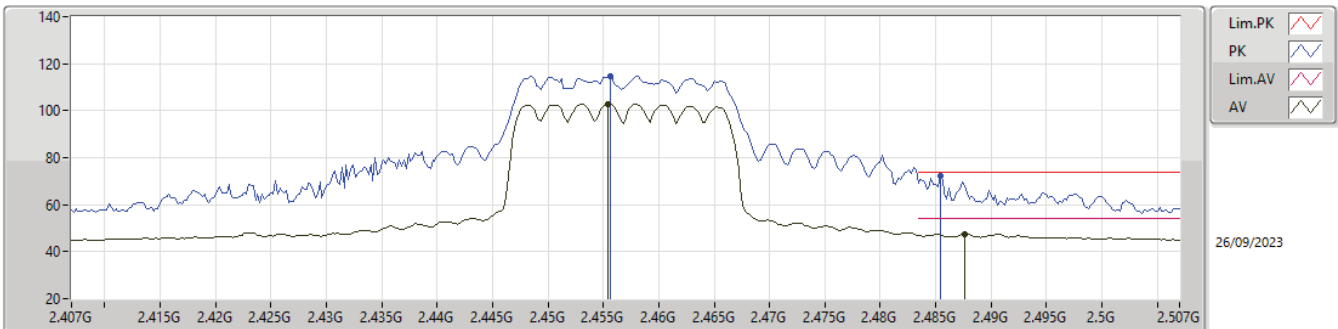
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.458G	97.03	Inf	-Inf	31.19	3	Vertical	327	1.10	65.84	27.78	3.41	-
AV	2.4906G	45.90	54.00	-8.10	31.45	3	Vertical	327	1.10	14.45	28.01	3.44	-
PK	2.458G	109.02	Inf	-Inf	31.19	3	Vertical	327	1.10	77.83	27.78	3.41	-
PK	2.4835G	71.52	74.00	-2.48	31.36	3	Vertical	327	1.10	40.16	27.93	3.43	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

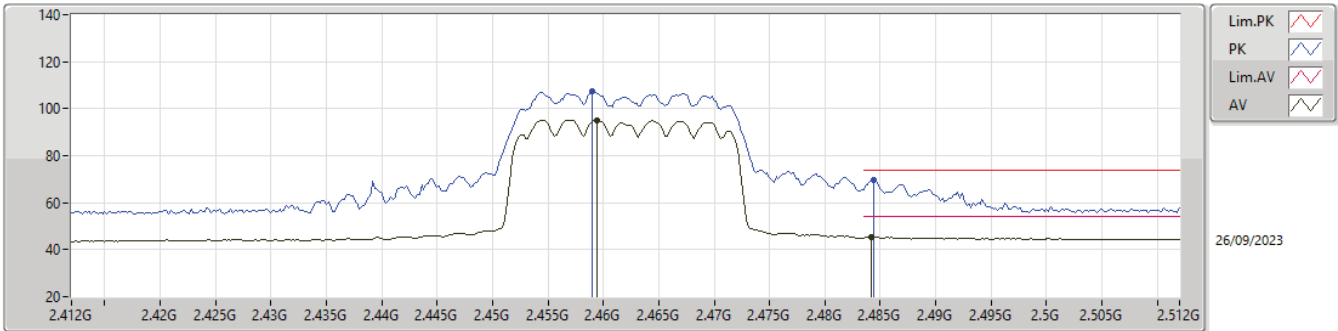
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4554G	102.81	Inf	-Inf	31.16	3	Horizontal	311	1.73	71.65	27.75	3.41	-
AV	2.4876G	47.58	54.00	-6.42	31.41	3	Horizontal	311	1.73	16.17	27.98	3.43	-
PK	2.4556G	114.72	Inf	-Inf	31.17	3	Horizontal	311	1.73	83.55	27.76	3.41	-
PK	2.4854G	72.27	74.00	-1.73	31.38	3	Horizontal	311	1.73	40.89	27.95	3.43	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

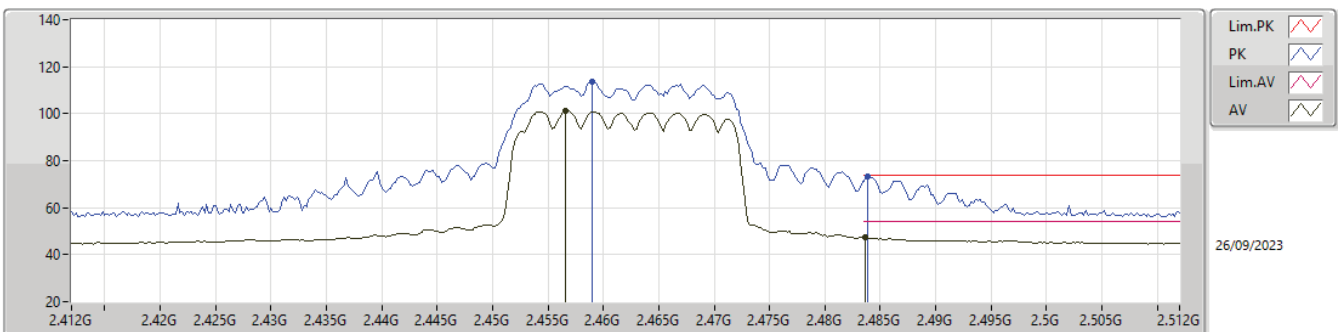
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4594G	95.17	Inf	-Inf	31.20	3	Vertical	327	1.10	63.97	27.79	3.41	-
AV	2.4842G	45.56	54.00	-8.44	31.37	3	Vertical	327	1.10	14.19	27.94	3.43	-
PK	2.459G	107.25	Inf	-Inf	31.20	3	Vertical	327	1.10	76.05	27.79	3.41	-
PK	2.4844G	69.51	74.00	-4.49	31.37	3	Vertical	327	1.10	38.14	27.94	3.43	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

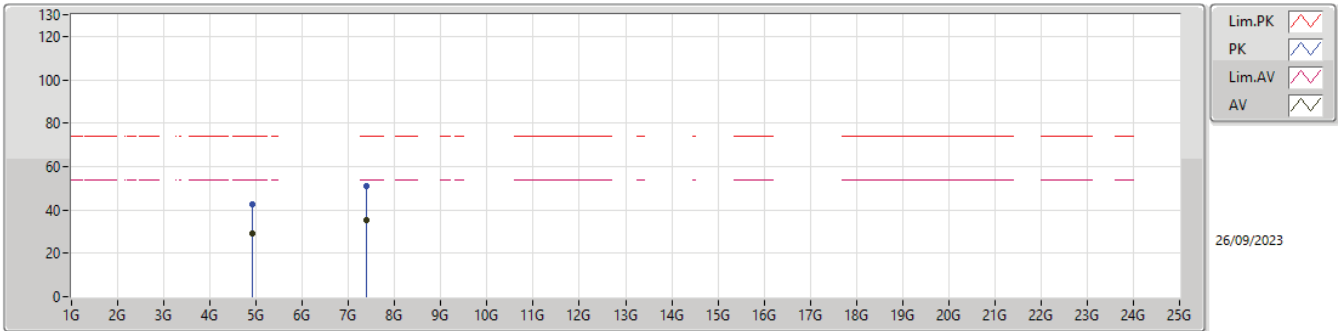


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4566G	101.06	Inf	-Inf	31.18	3	Horizontal	309	1.73	69.88	27.77	3.41	-
AV	2.4836G	47.38	54.00	-6.62	31.37	3	Horizontal	309	1.73	16.01	27.94	3.43	-
PK	2.459G	113.63	Inf	-Inf	31.20	3	Horizontal	309	1.73	82.43	27.79	3.41	-
PK	2.4838G	73.23	74.00	-0.77	31.37	3	Horizontal	309	1.73	41.86	27.94	3.43	-



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

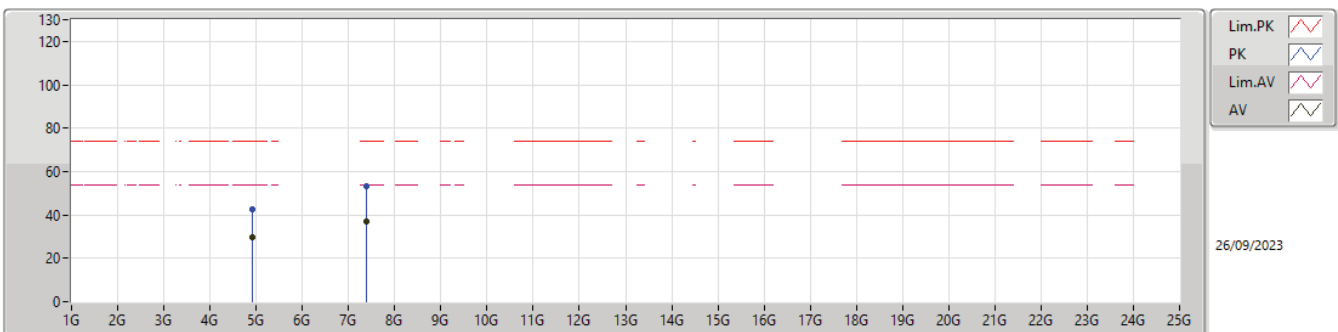
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9229G	28.92	54.00	-25.08	-5.90	3	Vertical	0	1.34	34.82	33.09	5.05	44.04
AV	7.38556G	35.32	54.00	-18.68	-0.79	3	Vertical	314	1.35	36.11	36.79	6.27	43.85
PK	4.92148G	42.42	74.00	-31.58	-5.90	3	Vertical	0	1.34	48.32	33.09	5.05	44.04
PK	7.3907G	50.90	74.00	-23.10	-0.82	3	Vertical	314	1.35	51.72	36.76	6.27	43.85

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

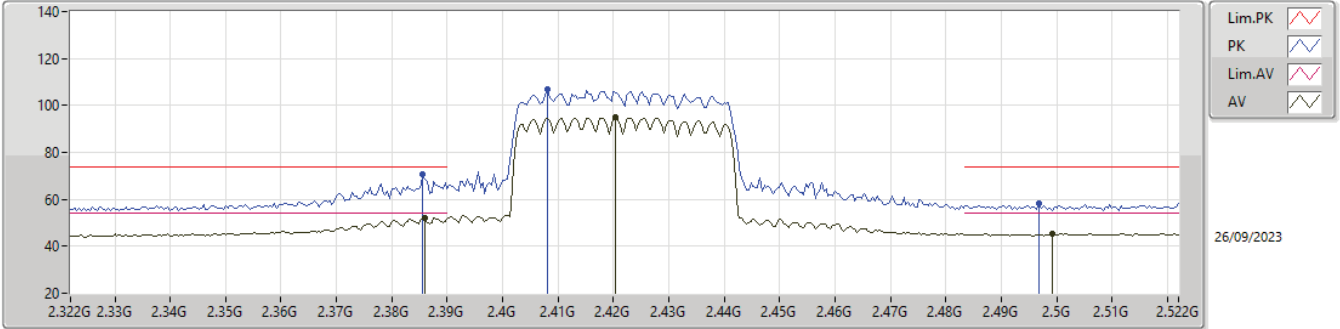
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9282G	29.56	54.00	-24.44	-5.88	3	Horizontal	337	1.50	35.44	33.11	5.05	44.04
AV	7.38582G	36.74	54.00	-17.26	-0.79	3	Horizontal	36	2.17	37.53	36.79	6.27	43.85
PK	4.92704G	42.56	74.00	-31.44	-5.88	3	Horizontal	337	1.50	48.44	33.11	5.05	44.04
PK	7.39084G	53.16	74.00	-20.84	-0.83	3	Horizontal	36	2.17	53.99	36.75	6.27	43.85

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

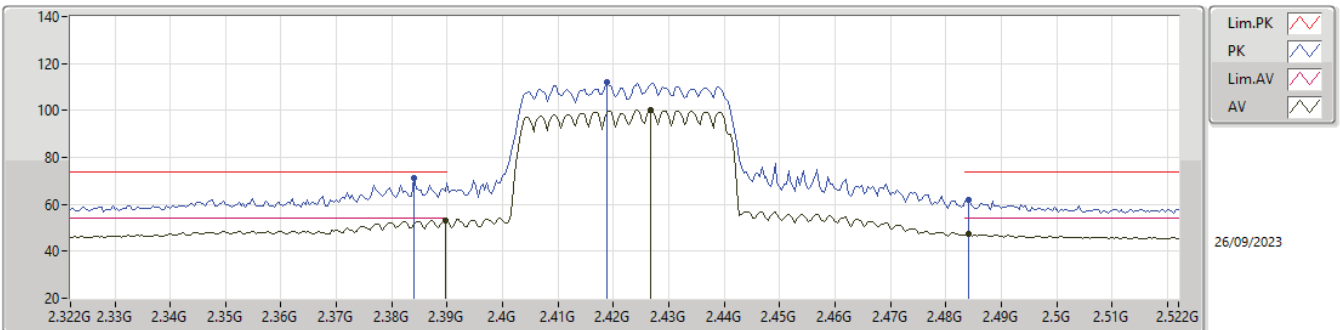
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.386G	52.10	54.00	-1.90	30.85	3	Vertical	0	2.94	21.25	27.50	3.35	-
AV	2.4204G	94.81	Inf	-Inf	30.98	3	Vertical	0	2.94	63.83	27.60	3.38	-
AV	2.4992G	45.15	54.00	-8.85	31.53	3	Vertical	0	2.94	13.62	28.09	3.44	-
PK	2.3856G	70.83	74.00	-3.17	30.85	3	Vertical	0	2.94	39.98	27.50	3.35	-
PK	2.408G	106.87	Inf	-Inf	30.89	3	Vertical	0	2.94	75.98	27.52	3.37	-
PK	2.4968G	58.11	74.00	-15.89	31.51	3	Vertical	0	2.94	26.60	28.07	3.44	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

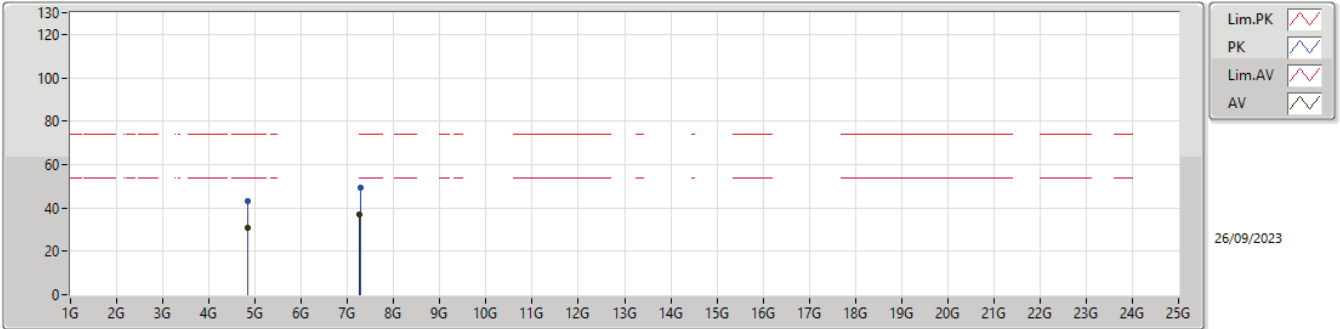


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	53.34	54.00	-0.66	30.85	3	Horizontal	315	1.60	22.49	27.50	3.35	-
AV	2.4268G	100.29	Inf	-Inf	31.05	3	Horizontal	315	1.60	69.24	27.67	3.38	-
AV	2.484G	47.30	54.00	-6.70	31.37	3	Horizontal	315	1.60	15.93	27.94	3.43	-
PK	2.384G	71.01	74.00	-2.99	30.85	3	Horizontal	315	1.60	40.16	27.50	3.35	-
PK	2.4188G	112.15	Inf	-Inf	30.97	3	Horizontal	315	1.60	81.18	27.59	3.38	-
PK	2.484G	61.87	74.00	-12.13	31.37	3	Horizontal	315	1.60	30.50	27.94	3.43	-



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

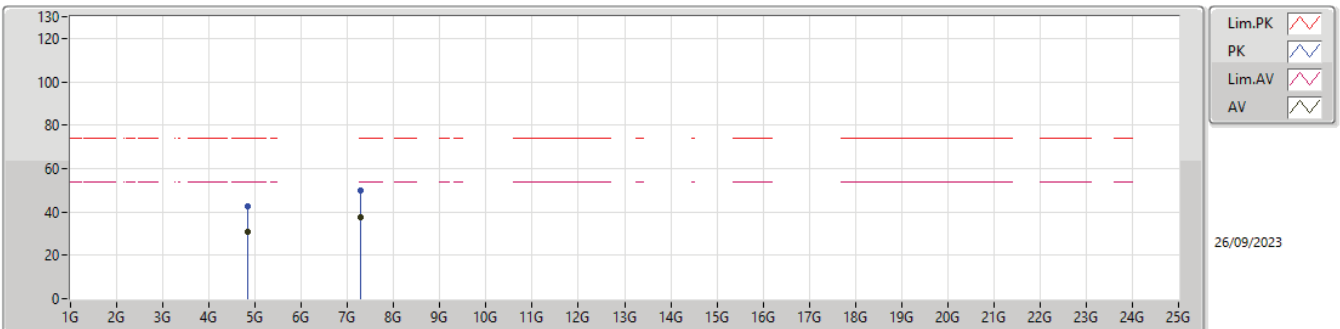
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84936G	30.68	54.00	-23.32	-6.23	3	Vertical	328	1.00	36.91	32.80	5.00	44.03
AV	7.2624G	36.92	54.00	-17.08	-0.46	3	Vertical	335	1.32	37.38	37.28	6.19	43.93
PK	4.84648G	43.13	74.00	-30.87	-6.24	3	Vertical	328	1.00	49.37	32.79	5.00	44.03
PK	7.2752G	49.16	74.00	-24.84	-0.47	3	Vertical	335	1.32	49.63	37.25	6.20	43.92

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

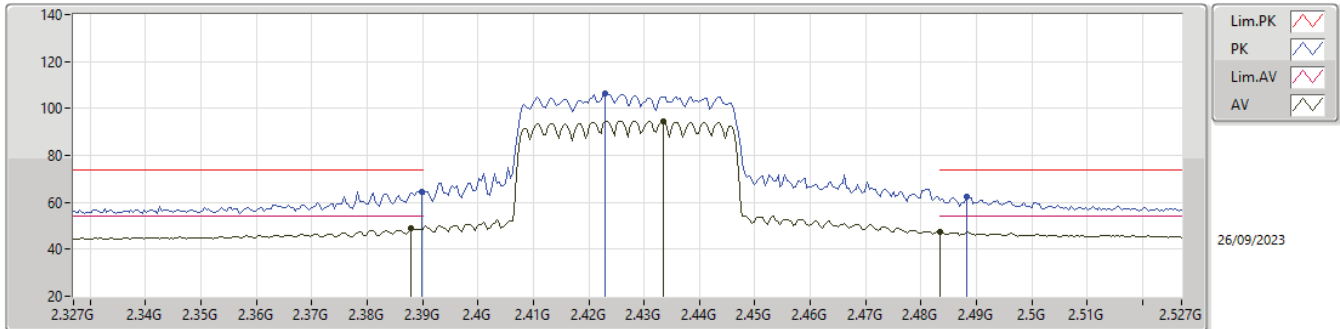
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83528G	30.94	54.00	-23.06	-6.29	3	Horizontal	333	1.28	37.23	32.74	4.99	44.02
AV	7.27032G	37.71	54.00	-16.29	-0.47	3	Horizontal	50	2.11	38.18	37.26	6.20	43.93
PK	4.83468G	42.83	74.00	-31.17	-6.29	3	Horizontal	333	1.28	49.12	32.74	4.99	44.02
PK	7.2698G	49.88	74.00	-24.12	-0.47	3	Horizontal	50	2.11	50.35	37.26	6.20	43.93

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

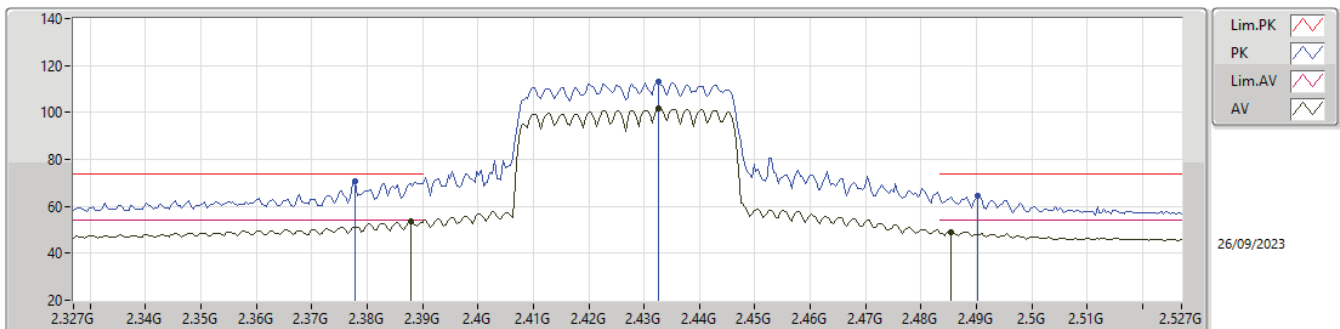
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	48.84	54.00	-5.16	30.85	3	Vertical	331	1.00	17.99	27.50	3.35	-
AV	2.4334G	94.57	Inf	-Inf	31.09	3	Vertical	331	1.00	63.48	27.70	3.39	-
AV	2.4835G	47.44	54.00	-6.56	31.36	3	Vertical	331	1.00	16.08	27.93	3.43	-
PK	2.3898G	64.71	74.00	-9.29	30.85	3	Vertical	331	1.00	33.86	27.50	3.35	-
PK	2.423G	106.33	Inf	-Inf	31.01	3	Vertical	331	1.00	75.32	27.63	3.38	-
PK	2.4882G	62.33	74.00	-11.67	31.41	3	Vertical	331	1.00	30.92	27.98	3.43	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

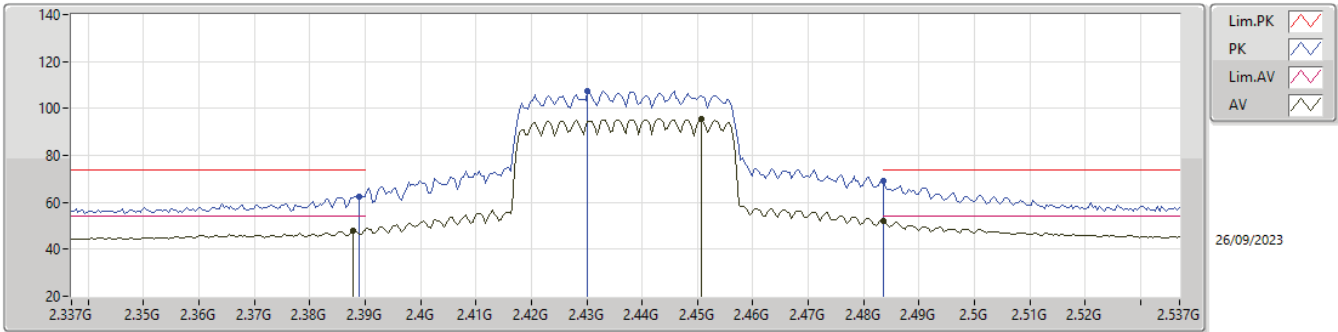
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	53.50	54.00	-0.50	30.85	3	Horizontal	302	1.00	22.65	27.50	3.35	-
AV	2.4326G	101.85	Inf	-Inf	31.09	3	Horizontal	302	1.00	70.76	27.70	3.39	-
AV	2.4854G	49.17	54.00	-4.83	31.38	3	Horizontal	302	1.00	17.79	27.95	3.43	-
PK	2.3778G	70.61	74.00	-3.39	30.85	3	Horizontal	302	1.00	39.76	27.50	3.35	-
PK	2.4326G	112.90	Inf	-Inf	31.09	3	Horizontal	302	1.00	81.81	27.70	3.39	-
PK	2.4902G	64.71	74.00	-9.29	31.44	3	Horizontal	302	1.00	33.27	28.00	3.44	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

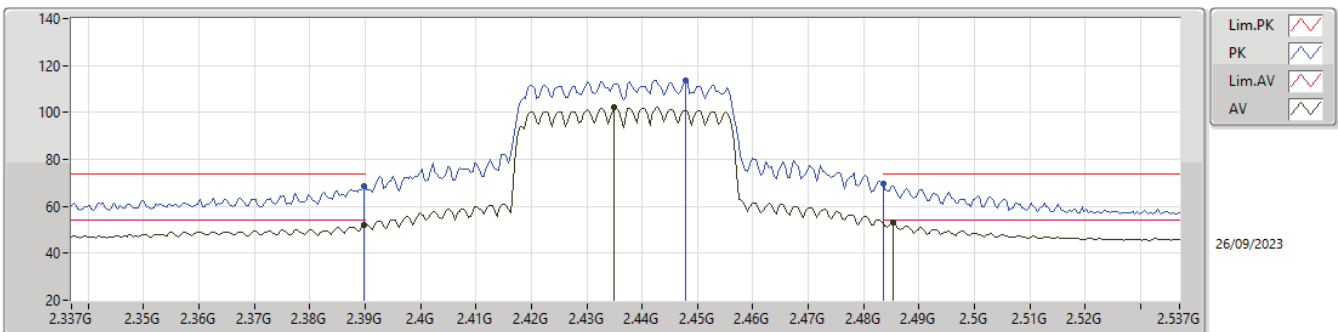
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	47.87	54.00	-6.13	30.85	3	Vertical	324	1.00	17.02	27.50	3.35	-
AV	2.4506G	95.42	Inf	-Inf	31.11	3	Vertical	324	1.00	64.31	27.71	3.40	-
AV	2.4835G	52.01	54.00	-1.99	31.36	3	Vertical	324	1.00	20.65	27.93	3.43	-
PK	2.389G	62.65	74.00	-11.35	30.85	3	Vertical	324	1.00	31.80	27.50	3.35	-
PK	2.4302G	107.42	Inf	-Inf	31.09	3	Vertical	324	1.00	76.33	27.70	3.39	-
PK	2.4835G	69.09	74.00	-4.91	31.36	3	Vertical	324	1.00	37.73	27.93	3.43	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

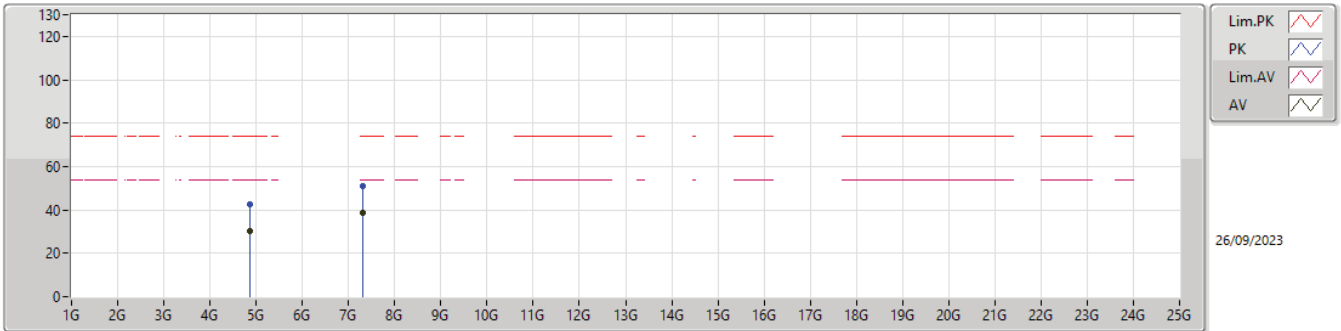


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.85	54.00	-2.15	30.85	3	Horizontal	294	1.03	21.00	27.50	3.35	-
AV	2.435G	102.10	Inf	-Inf	31.09	3	Horizontal	294	1.03	71.01	27.70	3.39	-
AV	2.4854G	53.26	54.00	-0.74	31.38	3	Horizontal	294	1.03	21.88	27.95	3.43	-
PK	2.3898G	68.83	74.00	-5.17	30.85	3	Horizontal	294	1.03	37.98	27.50	3.35	-
PK	2.4478G	113.46	Inf	-Inf	31.10	3	Horizontal	294	1.03	82.36	27.70	3.40	-
PK	2.4835G	69.66	74.00	-4.34	31.36	3	Horizontal	294	1.03	38.30	27.93	3.43	-



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

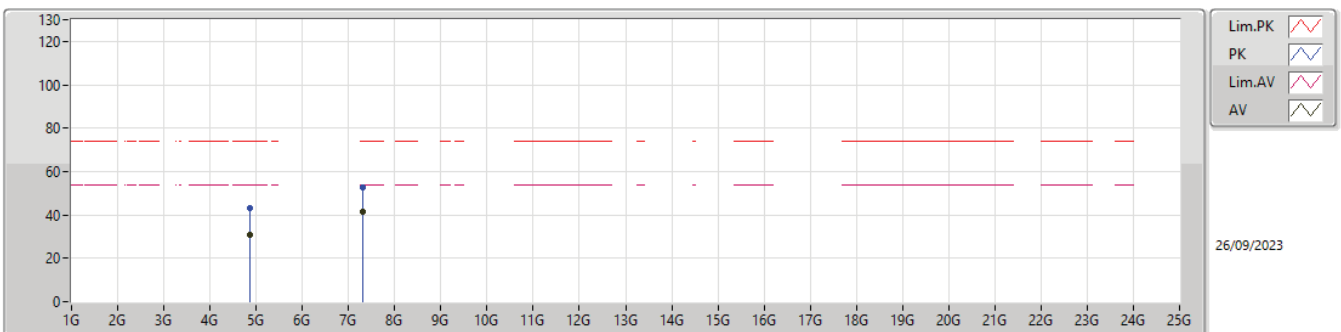
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.86576G	30.52	54.00	-23.48	-6.16	3	Vertical	15	1.00	36.68	32.86	5.01	44.03
AV	7.30644G	38.70	54.00	-15.30	-0.51	3	Vertical	336	1.36	39.21	37.17	6.22	43.90
PK	4.87376G	42.81	74.00	-31.19	-6.11	3	Vertical	15	1.00	48.92	32.90	5.02	44.03
PK	7.30396G	50.79	74.00	-23.21	-0.51	3	Vertical	336	1.36	51.30	37.18	6.22	43.91

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

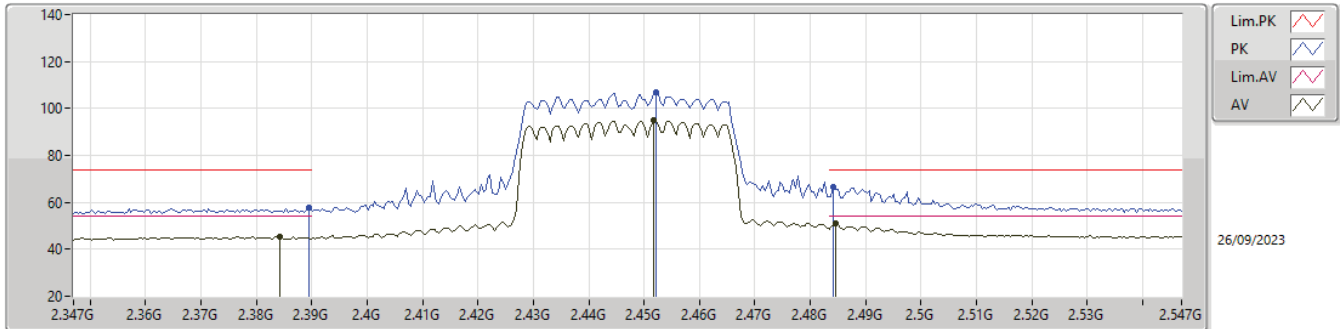


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.86568G	30.68	54.00	-23.32	-6.16	3	Horizontal	337	1.00	36.84	32.86	5.01	44.03
AV	7.31948G	41.20	54.00	-12.80	-0.55	3	Horizontal	35	2.13	41.75	37.12	6.23	43.90
PK	4.8658G	43.28	74.00	-30.72	-6.16	3	Horizontal	337	1.00	49.44	32.86	5.01	44.03
PK	7.30964G	52.50	74.00	-21.50	-0.52	3	Horizontal	35	2.13	53.02	37.16	6.22	43.90



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

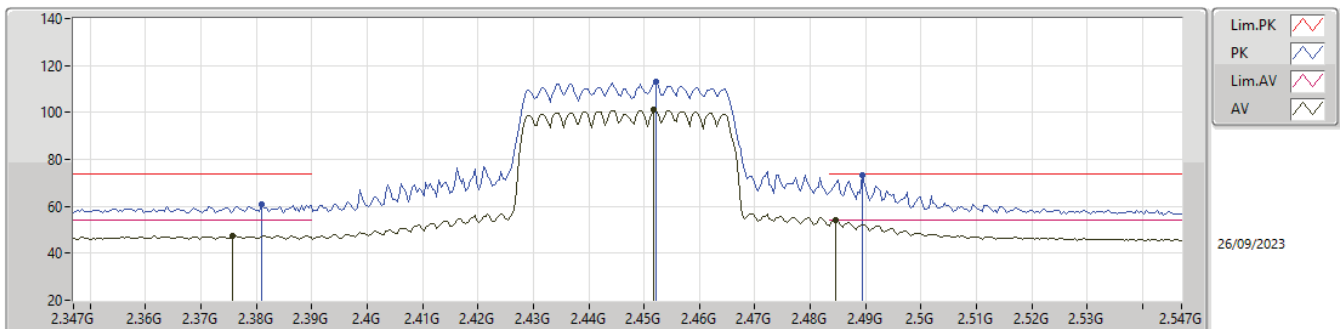
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3842G	45.37	54.00	-8.63	30.85	3	Vertical	325	1.04	14.52	27.50	3.35	-
AV	2.4518G	94.80	Inf	-Inf	31.12	3	Vertical	325	1.04	63.68	27.72	3.40	-
AV	2.4846G	50.79	54.00	-3.21	31.38	3	Vertical	325	1.04	19.41	27.95	3.43	-
PK	2.3894G	57.66	74.00	-16.34	30.85	3	Vertical	325	1.04	26.81	27.50	3.35	-
PK	2.4522G	106.70	Inf	-Inf	31.12	3	Vertical	325	1.04	75.58	27.72	3.40	-
PK	2.4842G	66.30	74.00	-7.70	31.37	3	Vertical	325	1.04	34.93	27.94	3.43	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2447MHz_TX

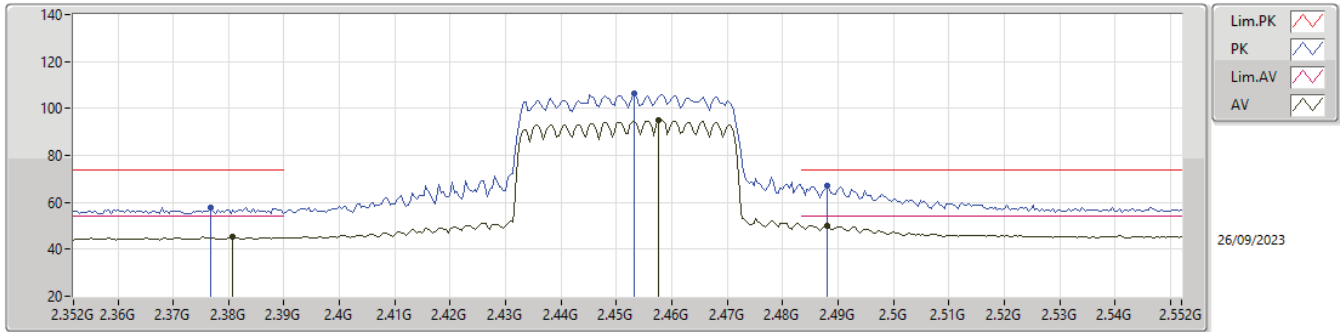


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3758G	47.46	54.00	-6.54	30.85	3	Horizontal	314	1.73	16.61	27.50	3.35	-
AV	2.4518G	100.95	Inf	-Inf	31.12	3	Horizontal	314	1.73	69.83	27.72	3.40	-
AV	2.4846G	53.99	54.00	-0.01	31.38	3	Horizontal	314	1.73	22.61	27.95	3.43	-
PK	2.381G	60.64	74.00	-13.36	30.85	3	Horizontal	314	1.73	29.79	27.50	3.35	-
PK	2.4522G	112.90	Inf	-Inf	31.12	3	Horizontal	314	1.73	81.78	27.72	3.40	-
PK	2.4894G	73.11	74.00	-0.89	31.43	3	Horizontal	314	1.73	41.68	27.99	3.44	-



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

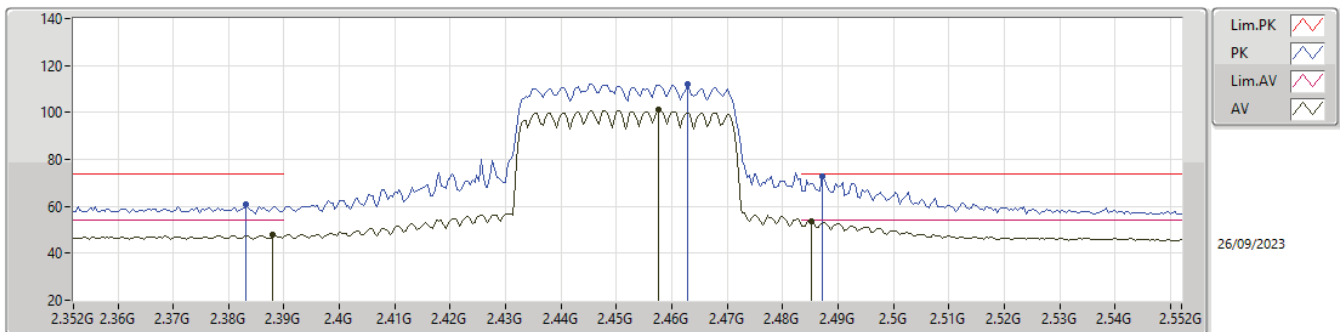
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3808G	45.36	54.00	-8.64	30.85	3	Vertical	325	1.12	14.51	27.50	3.35	-
AV	2.4576G	94.99	Inf	-Inf	31.19	3	Vertical	325	1.12	63.80	27.78	3.41	-
AV	2.488G	50.23	54.00	-3.77	31.41	3	Vertical	325	1.12	18.82	27.98	3.43	-
PK	2.3768G	57.66	74.00	-16.34	30.85	3	Vertical	325	1.12	26.81	27.50	3.35	-
PK	2.4532G	106.33	Inf	-Inf	31.14	3	Vertical	325	1.12	75.19	27.73	3.41	-
PK	2.488G	66.96	74.00	-7.04	31.41	3	Vertical	325	1.12	35.55	27.98	3.43	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

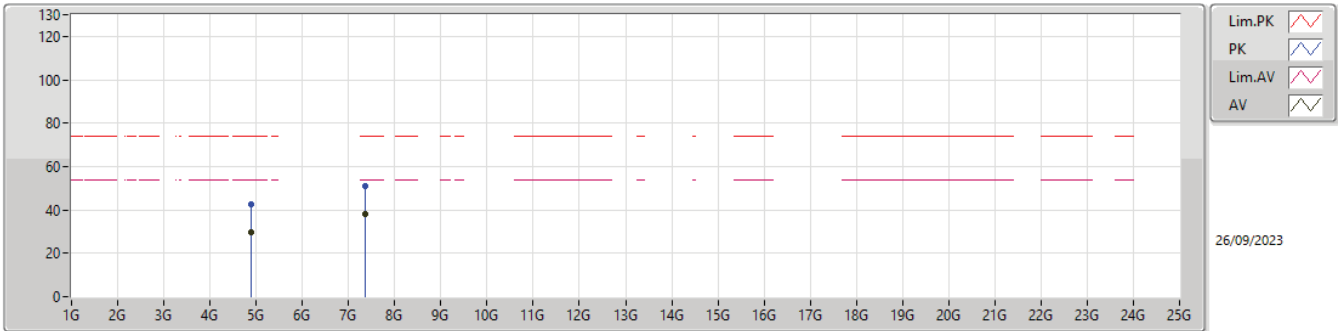


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.388G	47.83	54.00	-6.17	30.85	3	Horizontal	309	1.38	16.98	27.50	3.35	-
AV	2.4576G	101.07	Inf	-Inf	31.19	3	Horizontal	309	1.38	69.88	27.78	3.41	-
AV	2.4852G	53.82	54.00	-0.18	31.38	3	Horizontal	309	1.38	22.44	27.95	3.43	-
PK	2.3832G	60.90	74.00	-13.10	30.85	3	Horizontal	309	1.38	30.05	27.50	3.35	-
PK	2.4628G	112.15	Inf	-Inf	31.21	3	Horizontal	309	1.38	80.94	27.80	3.41	-
PK	2.4872G	73.00	74.00	-1.00	31.40	3	Horizontal	309	1.38	41.60	27.97	3.43	-



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

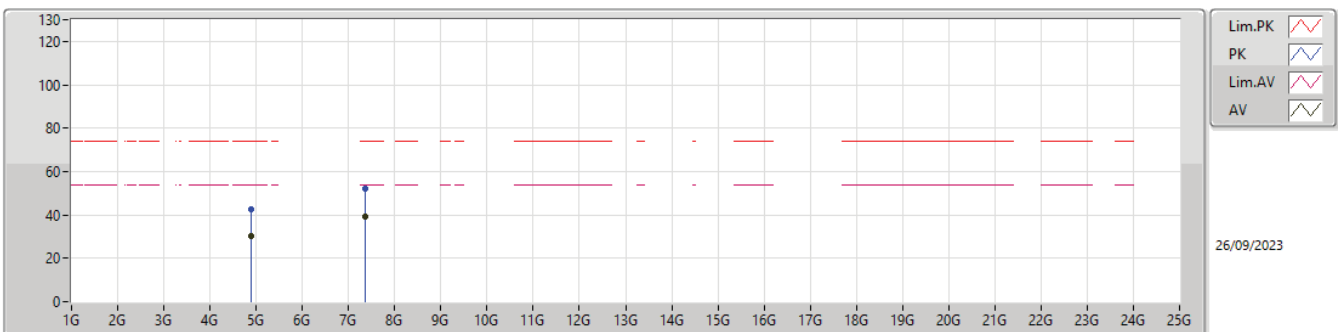
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8976G	29.93	54.00	-24.07	-6.02	3	Vertical	360	1.50	35.95	32.99	5.03	44.04
AV	7.35304G	38.30	54.00	-15.70	-0.64	3	Vertical	329	1.00	38.94	36.98	6.25	43.87
PK	4.90312G	42.79	74.00	-31.21	-5.99	3	Vertical	360	1.50	48.78	33.01	5.04	44.04
PK	7.35552G	51.00	74.00	-23.00	-0.65	3	Vertical	329	1.00	51.65	36.97	6.25	43.87

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.89512G	30.35	54.00	-23.65	-6.03	3	Horizontal	335	1.42	36.38	32.98	5.03	44.04
AV	7.35676G	39.46	54.00	-14.54	-0.66	3	Horizontal	35	2.12	40.12	36.96	6.25	43.87
PK	4.89584G	42.56	74.00	-31.44	-6.03	3	Horizontal	335	1.42	48.59	32.98	5.03	44.04
PK	7.35444G	52.06	74.00	-21.94	-0.65	3	Horizontal	35	2.12	52.71	36.97	6.25	43.87



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	43.58M	36.36	40.00	-3.64	3	Vertical	0	1.00



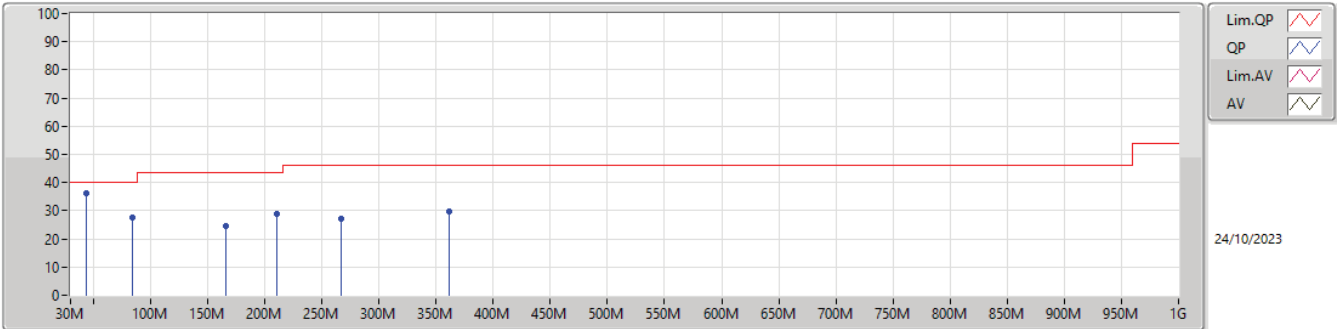
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	43.58M	36.36	40.00	-3.64	3	Vertical	0	1.00
2437MHz	Pass	PK	84.32M	27.40	40.00	-12.60	3	Vertical	0	1.00
2437MHz	Pass	PK	165.8M	24.67	43.50	-18.83	3	Vertical	0	1.00
2437MHz	Pass	PK	210.42M	29.03	43.50	-14.47	3	Vertical	0	1.00
2437MHz	Pass	PK	266.68M	27.10	46.00	-18.90	3	Vertical	0	1.00
2437MHz	Pass	PK	361.74M	29.73	46.00	-16.27	3	Vertical	0	1.00
2437MHz	Pass	PK	43.58M	33.31	40.00	-6.69	3	Horizontal	360	1.00
2437MHz	Pass	PK	101.78M	32.13	43.50	-11.37	3	Horizontal	360	1.00
2437MHz	Pass	PK	165.8M	31.37	43.50	-12.13	3	Horizontal	360	1.00
2437MHz	Pass	PK	208.48M	33.42	43.50	-10.08	3	Horizontal	360	1.00
2437MHz	Pass	PK	249.22M	32.09	46.00	-13.91	3	Horizontal	360	1.00
2437MHz	Pass	PK	388.9M	29.58	46.00	-16.42	3	Horizontal	360	1.00



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

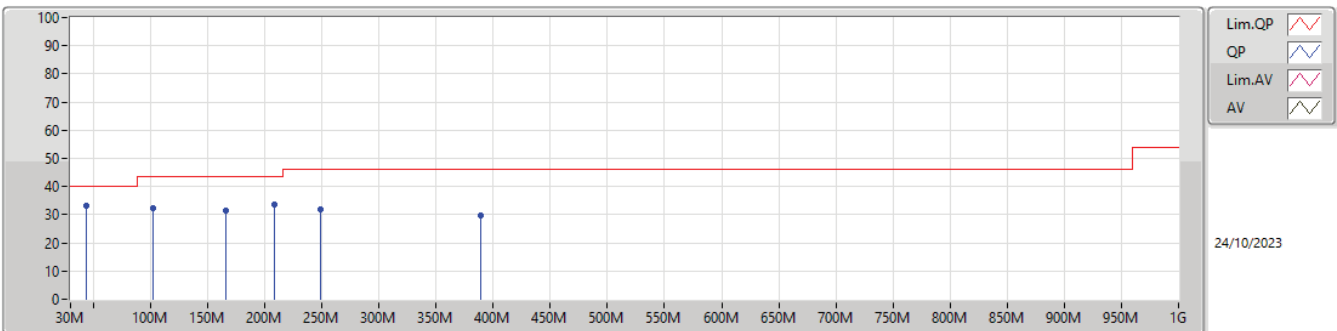
2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	43.58M	36.36	40.00	-3.64	-25.63	3	Vertical	0	1.00	61.99	18.26	0.44	44.33
PK	84.32M	27.40	40.00	-12.60	-29.49	3	Vertical	0	1.00	56.89	14.33	0.61	44.43
PK	165.8M	24.67	43.50	-18.83	-27.27	3	Vertical	0	1.00	51.94	16.18	0.86	44.31
PK	210.42M	29.03	43.50	-14.47	-27.80	3	Vertical	0	1.00	56.83	15.46	0.98	44.24
PK	266.68M	27.10	46.00	-18.90	-22.94	3	Vertical	0	1.00	50.04	20.10	1.11	44.15
PK	361.74M	29.73	46.00	-16.27	-21.91	3	Vertical	0	1.00	51.64	20.83	1.26	44.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	43.58M	33.31	40.00	-6.69	-25.63	3	Horizontal	360	1.00	58.94	18.26	0.44	44.33
PK	101.78M	32.13	43.50	-11.37	-27.23	3	Horizontal	360	1.00	59.36	16.52	0.66	44.41
PK	165.8M	31.37	43.50	-12.13	-27.27	3	Horizontal	360	1.00	58.64	16.18	0.86	44.31
PK	208.48M	33.42	43.50	-10.08	-27.81	3	Horizontal	360	1.00	61.23	15.47	0.97	44.25
PK	249.22M	32.09	46.00	-13.91	-24.31	3	Horizontal	360	1.00	56.40	18.79	1.08	44.18
PK	388.9M	29.58	46.00	-16.42	-20.87	3	Horizontal	360	1.00	50.45	21.76	1.32	43.95



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.924G	51.04	54.00	-2.96	3	Vertical	346	1.60
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	7.38674G	53.88	54.00	-0.12	3	Vertical	40	1.58
802.11g_Nss1,(6Mbps)_1TX	Pass	PK	2.4835G	73.56	74.00	-0.44	3	Horizontal	47	1.18
802.11g_Nss1,(6Mbps)_2TX	Pass	PK	2.4854G	73.79	74.00	-0.21	3	Horizontal	326	1.09
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	PK	2.4838G	73.76	74.00	-0.24	3	Horizontal	47	1.18
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	2.4835G	73.77	74.00	-0.23	3	Horizontal	326	1.06
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	AV	2.4842G	53.92	54.00	-0.08	3	Horizontal	44	1.00
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4856G	53.90	54.00	-0.10	3	Horizontal	326	1.07



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3852G	44.86	54.00	-9.14	3	Vertical	349	2.97
2412MHz	Pass	AV	2.4128G	105.61	Inf	-Inf	3	Vertical	349	2.97
2412MHz	Pass	PK	2.387G	58.44	74.00	-15.56	3	Vertical	349	2.97
2412MHz	Pass	PK	2.413G	108.16	Inf	-Inf	3	Vertical	349	2.97
2412MHz	Pass	AV	2.3866G	50.32	54.00	-3.68	3	Horizontal	42	2.27
2412MHz	Pass	AV	2.4126G	109.43	Inf	-Inf	3	Horizontal	42	2.27
2412MHz	Pass	PK	2.39G	61.36	74.00	-12.64	3	Horizontal	42	2.27
2412MHz	Pass	PK	2.413G	112.83	Inf	-Inf	3	Horizontal	42	2.27
2412MHz	Pass	AV	4.824G	45.41	54.00	-8.59	3	Vertical	0	1.91
2412MHz	Pass	PK	4.824G	48.76	74.00	-25.24	3	Vertical	0	1.91
2412MHz	Pass	AV	4.82394G	43.61	54.00	-10.39	3	Horizontal	56	1.64
2412MHz	Pass	PK	4.824G	47.96	74.00	-26.04	3	Horizontal	56	1.64
2437MHz	Pass	AV	2.3878G	43.66	54.00	-10.34	3	Vertical	346	2.90
2437MHz	Pass	AV	2.4362G	106.02	Inf	-Inf	3	Vertical	346	2.90
2437MHz	Pass	AV	2.491G	44.15	54.00	-9.85	3	Vertical	346	2.90
2437MHz	Pass	PK	2.383G	57.42	74.00	-16.58	3	Vertical	346	2.90
2437MHz	Pass	PK	2.4378G	108.64	Inf	-Inf	3	Vertical	346	2.90
2437MHz	Pass	PK	2.493G	58.16	74.00	-15.84	3	Vertical	346	2.90
2437MHz	Pass	AV	2.3878G	45.74	54.00	-8.26	3	Horizontal	45	1.00
2437MHz	Pass	AV	2.4362G	110.19	Inf	-Inf	3	Horizontal	45	1.00
2437MHz	Pass	AV	2.4835G	46.22	54.00	-7.78	3	Horizontal	45	1.00
2437MHz	Pass	PK	2.3878G	59.34	74.00	-14.66	3	Horizontal	45	1.00
2437MHz	Pass	PK	2.4362G	112.78	Inf	-Inf	3	Horizontal	45	1.00
2437MHz	Pass	PK	2.4838G	59.66	74.00	-14.34	3	Horizontal	45	1.00
2437MHz	Pass	AV	4.87394G	48.81	54.00	-5.19	3	Vertical	9	1.80
2437MHz	Pass	AV	7.31172G	47.06	54.00	-6.94	3	Vertical	4	1.60
2437MHz	Pass	PK	4.874G	51.37	74.00	-22.63	3	Vertical	9	1.80
2437MHz	Pass	PK	7.31232G	53.11	74.00	-20.89	3	Vertical	4	1.60
2437MHz	Pass	AV	4.874G	47.63	54.00	-6.37	3	Horizontal	53	1.55
2437MHz	Pass	AV	7.31172G	47.08	54.00	-6.92	3	Horizontal	351	1.50
2437MHz	Pass	PK	4.874G	50.39	74.00	-23.61	3	Horizontal	53	1.55
2437MHz	Pass	PK	7.31178G	53.35	74.00	-20.65	3	Horizontal	351	1.50
2462MHz	Pass	AV	2.4628G	105.09	Inf	-Inf	3	Vertical	345	2.41
2462MHz	Pass	AV	2.4836G	45.17	54.00	-8.83	3	Vertical	345	2.41
2462MHz	Pass	PK	2.461G	107.98	Inf	-Inf	3	Vertical	345	2.41
2462MHz	Pass	PK	2.4926G	58.33	74.00	-15.67	3	Vertical	345	2.41
2462MHz	Pass	AV	2.4612G	110.35	Inf	-Inf	3	Horizontal	46	1.18
2462MHz	Pass	AV	2.4862G	49.53	54.00	-4.47	3	Horizontal	46	1.18
2462MHz	Pass	PK	2.461G	112.95	Inf	-Inf	3	Horizontal	46	1.18
2462MHz	Pass	PK	2.4856G	62.39	74.00	-11.61	3	Horizontal	46	1.18
2462MHz	Pass	AV	4.924G	51.04	54.00	-2.96	3	Vertical	346	1.60
2462MHz	Pass	AV	7.38528G	49.11	54.00	-4.89	3	Vertical	3	1.50
2462MHz	Pass	PK	4.92388G	53.26	74.00	-20.74	3	Vertical	346	1.60
2462MHz	Pass	PK	7.38498G	54.48	74.00	-19.52	3	Vertical	3	1.50
2462MHz	Pass	AV	4.924G	50.43	54.00	-3.57	3	Horizontal	57	1.78
2462MHz	Pass	AV	7.38528G	50.28	54.00	-3.72	3	Horizontal	295	1.73
2462MHz	Pass	PK	4.92394G	52.65	74.00	-21.35	3	Horizontal	57	1.78
2462MHz	Pass	PK	7.3869G	55.23	74.00	-18.77	3	Horizontal	295	1.73
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.08	54.00	-5.92	3	Vertical	3	3.00
2412MHz	Pass	AV	2.4128G	109.36	Inf	-Inf	3	Vertical	3	3.00
2412MHz	Pass	PK	2.39G	61.04	74.00	-12.96	3	Vertical	3	3.00
2412MHz	Pass	PK	2.413G	112.18	Inf	-Inf	3	Vertical	3	3.00
2412MHz	Pass	AV	2.39G	49.25	54.00	-4.75	3	Horizontal	323	2.23
2412MHz	Pass	AV	2.4128G	112.84	Inf	-Inf	3	Horizontal	323	2.23
2412MHz	Pass	PK	2.3898G	61.10	74.00	-12.90	3	Horizontal	323	2.23
2412MHz	Pass	PK	2.411G	115.52	Inf	-Inf	3	Horizontal	323	2.23
2412MHz	Pass	AV	4.82396G	45.24	54.00	-8.76	3	Vertical	316	1.58
2412MHz	Pass	PK	4.82404G	48.90	74.00	-25.10	3	Vertical	316	1.58
2412MHz	Pass	AV	4.82404G	46.53	54.00	-7.47	3	Horizontal	0	1.61



RSE TX above 1GHz_Radio 2

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	4.82398G	49.92	74.00	-24.08	3	Horizontal	0	1.61
2437MHz	Pass	AV	2.3882G	45.63	54.00	-8.37	3	Vertical	4	3.00
2437MHz	Pass	AV	2.4362G	110.47	Inf	-Inf	3	Vertical	4	3.00
2437MHz	Pass	AV	2.491G	45.32	54.00	-8.68	3	Vertical	4	3.00
2437MHz	Pass	PK	2.3898G	58.33	74.00	-15.67	3	Vertical	4	3.00
2437MHz	Pass	PK	2.4362G	113.11	Inf	-Inf	3	Vertical	4	3.00
2437MHz	Pass	PK	2.4838G	58.58	74.00	-15.42	3	Vertical	4	3.00
2437MHz	Pass	AV	2.3882G	46.79	54.00	-7.21	3	Horizontal	329	2.42
2437MHz	Pass	AV	2.4362G	113.59	Inf	-Inf	3	Horizontal	329	2.42
2437MHz	Pass	AV	2.4835G	45.69	54.00	-8.31	3	Horizontal	329	2.42
2437MHz	Pass	PK	2.3882G	60.32	74.00	-13.68	3	Horizontal	329	2.42
2437MHz	Pass	PK	2.4362G	116.22	Inf	-Inf	3	Horizontal	329	2.42
2437MHz	Pass	PK	2.4842G	59.35	74.00	-14.65	3	Horizontal	329	2.42
2437MHz	Pass	AV	4.874G	46.37	54.00	-7.63	3	Vertical	0	1.00
2437MHz	Pass	AV	7.31172G	51.59	54.00	-2.41	3	Vertical	33	1.74
2437MHz	Pass	PK	4.87394G	49.70	74.00	-24.30	3	Vertical	0	1.00
2437MHz	Pass	PK	7.3119G	56.24	74.00	-17.76	3	Vertical	33	1.74
2437MHz	Pass	AV	4.874G	49.56	54.00	-4.44	3	Horizontal	360	1.90
2437MHz	Pass	AV	7.31022G	50.51	54.00	-3.49	3	Horizontal	8	1.50
2437MHz	Pass	PK	4.87406G	51.98	74.00	-22.02	3	Horizontal	360	1.90
2437MHz	Pass	PK	7.31022G	55.65	74.00	-18.35	3	Horizontal	8	1.50
2457MHz	Pass	AV	2.4562G	104.70	Inf	-Inf	3	Vertical	329	1.21
2457MHz	Pass	AV	2.4835G	44.42	54.00	-9.58	3	Vertical	329	1.21
2457MHz	Pass	PK	2.4562G	107.31	Inf	-Inf	3	Vertical	329	1.21
2457MHz	Pass	PK	2.4902G	58.19	74.00	-15.81	3	Vertical	329	1.21
2457MHz	Pass	AV	2.4576G	113.95	Inf	-Inf	3	Horizontal	47	2.02
2457MHz	Pass	AV	2.4838G	48.56	54.00	-5.44	3	Horizontal	47	2.02
2457MHz	Pass	PK	2.456G	116.65	Inf	-Inf	3	Horizontal	47	2.02
2457MHz	Pass	PK	2.4892G	61.36	74.00	-12.64	3	Horizontal	47	2.02
2457MHz	Pass	AV	4.91398G	45.90	54.00	-8.10	3	Vertical	309	1.28
2457MHz	Pass	AV	7.3717G	53.10	54.00	-0.90	3	Vertical	42	1.50
2457MHz	Pass	PK	4.91391G	49.72	74.00	-24.28	3	Vertical	309	1.28
2457MHz	Pass	PK	7.36996G	57.73	74.00	-16.27	3	Vertical	42	1.50
2457MHz	Pass	AV	4.91396G	50.45	54.00	-3.55	3	Horizontal	352	1.72
2457MHz	Pass	AV	7.37174G	53.18	54.00	-0.82	3	Horizontal	323	1.05
2457MHz	Pass	PK	4.91403G	53.25	74.00	-20.75	3	Horizontal	352	1.72
2457MHz	Pass	PK	7.37004G	57.82	74.00	-16.18	3	Horizontal	323	1.05
2462MHz	Pass	AV	2.4612G	110.93	Inf	-Inf	3	Vertical	0	3.00
2462MHz	Pass	AV	2.4836G	47.95	54.00	-6.05	3	Vertical	0	3.00
2462MHz	Pass	PK	2.4628G	113.64	Inf	-Inf	3	Vertical	0	3.00
2462MHz	Pass	PK	2.4914G	60.40	74.00	-13.60	3	Vertical	0	3.00
2462MHz	Pass	AV	2.4612G	112.19	Inf	-Inf	3	Horizontal	325	2.06
2462MHz	Pass	AV	2.4838G	48.38	54.00	-5.62	3	Horizontal	325	2.06
2462MHz	Pass	PK	2.4612G	115.04	Inf	-Inf	3	Horizontal	325	2.06
2462MHz	Pass	PK	2.4916G	60.72	74.00	-13.28	3	Horizontal	325	2.06
2462MHz	Pass	AV	4.924G	47.32	54.00	-6.68	3	Vertical	360	1.03
2462MHz	Pass	AV	7.38674G	53.88	54.00	-0.12	3	Vertical	40	1.58
2462MHz	Pass	PK	4.92388G	50.94	74.00	-23.06	3	Vertical	360	1.03
2462MHz	Pass	PK	7.38684G	58.14	74.00	-15.86	3	Vertical	40	1.58
2462MHz	Pass	AV	4.92404G	50.17	54.00	-3.83	3	Horizontal	356	2.09
2462MHz	Pass	AV	7.38672G	52.70	54.00	-1.30	3	Horizontal	326	1.50
2462MHz	Pass	PK	4.92396G	53.06	74.00	-20.94	3	Horizontal	356	2.09
2462MHz	Pass	PK	7.38684G	57.20	74.00	-16.80	3	Horizontal	326	1.50
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	44.49	54.00	-9.51	3	Vertical	347	2.97
2412MHz	Pass	AV	2.4162G	96.67	Inf	-Inf	3	Vertical	347	2.97
2412MHz	Pass	PK	2.39G	66.03	74.00	-7.97	3	Vertical	347	2.97
2412MHz	Pass	PK	2.4144G	107.15	Inf	-Inf	3	Vertical	347	2.97
2412MHz	Pass	AV	2.3886G	47.53	54.00	-6.47	3	Horizontal	42	2.27
2412MHz	Pass	AV	2.4162G	100.63	Inf	-Inf	3	Horizontal	42	2.27
2412MHz	Pass	PK	2.39G	73.12	74.00	-0.88	3	Horizontal	42	2.27
2412MHz	Pass	PK	2.4144G	111.04	Inf	-Inf	3	Horizontal	42	2.27



RSE TX above 1GHz_Radio 2

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	AV	4.82564G	31.88	54.00	-22.12	3	Vertical	0	2.00
2412MHz	Pass	PK	4.82518G	44.95	74.00	-29.05	3	Vertical	0	2.00
2412MHz	Pass	AV	4.8253G	30.91	54.00	-23.09	3	Horizontal	57	1.98
2412MHz	Pass	PK	4.82308G	43.94	74.00	-30.06	3	Horizontal	57	1.98
2417MHz	Pass	AV	2.3898G	48.12	54.00	-5.88	3	Vertical	348	3.00
2417MHz	Pass	AV	2.421G	98.98	Inf	-Inf	3	Vertical	348	3.00
2417MHz	Pass	PK	2.3892G	65.53	74.00	-8.47	3	Vertical	348	3.00
2417MHz	Pass	PK	2.4194G	109.22	Inf	-Inf	3	Vertical	348	3.00
2417MHz	Pass	AV	2.39G	53.13	54.00	-0.87	3	Horizontal	42	2.27
2417MHz	Pass	AV	2.421G	102.97	Inf	-Inf	3	Horizontal	42	2.27
2417MHz	Pass	PK	2.3894G	72.78	74.00	-1.22	3	Horizontal	42	2.27
2417MHz	Pass	PK	2.4122G	113.45	Inf	-Inf	3	Horizontal	42	2.27
2437MHz	Pass	AV	2.3886G	44.66	54.00	-9.34	3	Vertical	345	2.91
2437MHz	Pass	AV	2.441G	99.60	Inf	-Inf	3	Vertical	345	2.91
2437MHz	Pass	AV	2.4894G	45.25	54.00	-8.75	3	Vertical	345	2.91
2437MHz	Pass	PK	2.389G	59.04	74.00	-14.96	3	Vertical	345	2.91
2437MHz	Pass	PK	2.4394G	110.03	Inf	-Inf	3	Vertical	345	2.91
2437MHz	Pass	PK	2.4846G	59.89	74.00	-14.11	3	Vertical	345	2.91
2437MHz	Pass	AV	2.3898G	47.11	54.00	-6.89	3	Horizontal	42	1.50
2437MHz	Pass	AV	2.4322G	103.30	Inf	-Inf	3	Horizontal	42	1.50
2437MHz	Pass	AV	2.4835G	47.45	54.00	-6.55	3	Horizontal	42	1.50
2437MHz	Pass	PK	2.377G	63.12	74.00	-10.88	3	Horizontal	42	1.50
2437MHz	Pass	PK	2.4322G	113.50	Inf	-Inf	3	Horizontal	42	1.50
2437MHz	Pass	PK	2.4835G	62.69	74.00	-11.31	3	Horizontal	42	1.50
2437MHz	Pass	AV	4.87532G	35.30	54.00	-18.70	3	Vertical	0	2.19
2437MHz	Pass	AV	7.3124G	41.30	54.00	-12.70	3	Vertical	5	1.59
2437MHz	Pass	PK	4.8785G	48.64	74.00	-25.36	3	Vertical	0	2.19
2437MHz	Pass	PK	7.31246G	57.44	74.00	-16.56	3	Vertical	5	1.59
2437MHz	Pass	AV	4.87552G	34.18	54.00	-19.82	3	Horizontal	55	1.77
2437MHz	Pass	AV	7.3137G	41.33	54.00	-12.67	3	Horizontal	350	1.52
2437MHz	Pass	PK	4.87878G	48.02	74.00	-25.98	3	Horizontal	55	1.77
2437MHz	Pass	PK	7.31236G	57.79	74.00	-16.21	3	Horizontal	350	1.52
2457MHz	Pass	AV	2.452G	98.50	Inf	-Inf	3	Vertical	345	2.80
2457MHz	Pass	AV	2.4836G	47.24	54.00	-6.76	3	Vertical	345	2.80
2457MHz	Pass	PK	2.4504G	108.54	Inf	-Inf	3	Vertical	345	2.80
2457MHz	Pass	PK	2.4842G	66.06	74.00	-7.94	3	Vertical	345	2.80
2457MHz	Pass	AV	2.4612G	103.07	Inf	-Inf	3	Horizontal	47	1.18
2457MHz	Pass	AV	2.4836G	52.21	54.00	-1.79	3	Horizontal	47	1.18
2457MHz	Pass	PK	2.4594G	113.54	Inf	-Inf	3	Horizontal	47	1.18
2457MHz	Pass	PK	2.4835G	73.56	74.00	-0.44	3	Horizontal	47	1.18
2462MHz	Pass	AV	2.4572G	96.19	Inf	-Inf	3	Vertical	345	2.97
2462MHz	Pass	AV	2.4846G	45.84	54.00	-8.16	3	Vertical	345	2.97
2462MHz	Pass	PK	2.4554G	106.31	Inf	-Inf	3	Vertical	345	2.97
2462MHz	Pass	PK	2.4835G	67.74	74.00	-6.26	3	Vertical	345	2.97
2462MHz	Pass	AV	2.466G	100.95	Inf	-Inf	3	Horizontal	47	1.18
2462MHz	Pass	AV	2.4835G	48.73	54.00	-5.27	3	Horizontal	47	1.18
2462MHz	Pass	PK	2.4644G	111.29	Inf	-Inf	3	Horizontal	47	1.18
2462MHz	Pass	PK	2.4836G	72.99	74.00	-1.01	3	Horizontal	47	1.18
2462MHz	Pass	AV	4.92606G	35.19	54.00	-18.81	3	Vertical	343	1.61
2462MHz	Pass	AV	7.38538G	37.92	54.00	-16.08	3	Vertical	5	1.51
2462MHz	Pass	PK	4.92172G	49.49	74.00	-24.51	3	Vertical	343	1.61
2462MHz	Pass	PK	7.38742G	55.08	74.00	-18.92	3	Vertical	5	1.51
2462MHz	Pass	AV	4.92556G	34.97	54.00	-19.03	3	Horizontal	59	1.79
2462MHz	Pass	AV	7.38634G	38.42	54.00	-15.58	3	Horizontal	297	1.79
2462MHz	Pass	PK	4.92196G	49.04	74.00	-24.96	3	Horizontal	59	1.79
2462MHz	Pass	PK	7.38746G	55.59	74.00	-18.41	3	Horizontal	297	1.79
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	47.40	54.00	-6.60	3	Vertical	14	3.00
2412MHz	Pass	AV	2.4162G	100.55	Inf	-Inf	3	Vertical	14	3.00
2412MHz	Pass	PK	2.39G	71.82	74.00	-2.18	3	Vertical	14	3.00
2412MHz	Pass	PK	2.406G	109.64	Inf	-Inf	3	Vertical	14	3.00
2412MHz	Pass	AV	2.39G	49.22	54.00	-4.78	3	Horizontal	332	1.23



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	AV	2.416G	103.40	Inf	-Inf	3	Horizontal	332	1.23
2412MHz	Pass	PK	2.3898G	73.18	74.00	-0.82	3	Horizontal	332	1.23
2412MHz	Pass	PK	2.4156G	112.48	Inf	-Inf	3	Horizontal	332	1.23
2412MHz	Pass	AV	4.82634G	30.91	54.00	-23.09	3	Vertical	356	1.09
2412MHz	Pass	PK	4.82148G	45.07	74.00	-28.93	3	Vertical	356	1.09
2412MHz	Pass	AV	4.82484G	29.40	54.00	-24.60	3	Horizontal	90	1.00
2412MHz	Pass	PK	4.83042G	43.18	74.00	-30.82	3	Horizontal	90	1.00
2417MHz	Pass	AV	2.3888G	46.95	54.00	-7.05	3	Vertical	0	2.86
2417MHz	Pass	AV	2.4228G	101.29	Inf	-Inf	3	Vertical	0	2.86
2417MHz	Pass	PK	2.3834G	69.96	74.00	-4.04	3	Vertical	0	2.86
2417MHz	Pass	PK	2.422G	110.97	Inf	-Inf	3	Vertical	0	2.86
2417MHz	Pass	AV	2.3896G	49.46	54.00	-4.54	3	Horizontal	329	1.06
2417MHz	Pass	AV	2.4228G	104.71	Inf	-Inf	3	Horizontal	329	1.06
2417MHz	Pass	PK	2.3842G	73.34	74.00	-0.66	3	Horizontal	329	1.06
2417MHz	Pass	PK	2.4234G	114.18	Inf	-Inf	3	Horizontal	329	1.06
2437MHz	Pass	AV	2.389G	46.34	54.00	-7.66	3	Vertical	14	3.00
2437MHz	Pass	AV	2.4326G	104.29	Inf	-Inf	3	Vertical	14	3.00
2437MHz	Pass	AV	2.4838G	46.83	54.00	-7.17	3	Vertical	14	3.00
2437MHz	Pass	PK	2.3774G	64.27	74.00	-9.73	3	Vertical	14	3.00
2437MHz	Pass	PK	2.4326G	113.81	Inf	-Inf	3	Vertical	14	3.00
2437MHz	Pass	PK	2.4838G	62.27	74.00	-11.73	3	Vertical	14	3.00
2437MHz	Pass	AV	2.3882G	48.19	54.00	-5.81	3	Horizontal	330	1.37
2437MHz	Pass	AV	2.433G	106.38	Inf	-Inf	3	Horizontal	330	1.37
2437MHz	Pass	AV	2.4835G	47.50	54.00	-6.50	3	Horizontal	330	1.37
2437MHz	Pass	PK	2.3774G	65.13	74.00	-8.87	3	Horizontal	330	1.37
2437MHz	Pass	PK	2.433G	116.17	Inf	-Inf	3	Horizontal	330	1.37
2437MHz	Pass	PK	2.4835G	64.75	74.00	-9.25	3	Horizontal	330	1.37
2437MHz	Pass	AV	4.87454G	31.24	54.00	-22.76	3	Vertical	318	1.07
2437MHz	Pass	AV	7.31304G	42.32	54.00	-11.68	3	Vertical	4	1.00
2437MHz	Pass	PK	4.87004G	44.27	74.00	-29.73	3	Vertical	318	1.07
2437MHz	Pass	PK	7.31256G	58.89	74.00	-15.11	3	Vertical	4	1.00
2437MHz	Pass	AV	4.87526G	30.55	54.00	-23.45	3	Horizontal	87	1.00
2437MHz	Pass	AV	7.31112G	40.41	54.00	-13.59	3	Horizontal	206	1.00
2437MHz	Pass	PK	4.8749G	44.02	74.00	-29.98	3	Horizontal	87	1.00
2437MHz	Pass	PK	7.32144G	56.03	74.00	-17.97	3	Horizontal	206	1.00
2457MHz	Pass	AV	2.4626G	103.04	Inf	-Inf	3	Vertical	0	3.00
2457MHz	Pass	AV	2.4835G	48.69	54.00	-5.31	3	Vertical	0	3.00
2457MHz	Pass	PK	2.462G	113.20	Inf	-Inf	3	Vertical	0	3.00
2457MHz	Pass	PK	2.4862G	69.89	74.00	-4.11	3	Vertical	0	3.00
2457MHz	Pass	AV	2.458G	105.15	Inf	-Inf	3	Horizontal	328	1.05
2457MHz	Pass	AV	2.4836G	51.23	54.00	-2.77	3	Horizontal	328	1.05
2457MHz	Pass	PK	2.4584G	114.78	Inf	-Inf	3	Horizontal	328	1.05
2457MHz	Pass	PK	2.4835G	73.55	74.00	-0.45	3	Horizontal	328	1.05
2462MHz	Pass	AV	2.4642G	100.56	Inf	-Inf	3	Vertical	340	3.00
2462MHz	Pass	AV	2.4842G	47.09	54.00	-6.91	3	Vertical	340	3.00
2462MHz	Pass	PK	2.4594G	110.02	Inf	-Inf	3	Vertical	340	3.00
2462MHz	Pass	PK	2.484G	72.15	74.00	-1.85	3	Vertical	340	3.00
2462MHz	Pass	AV	2.466G	104.19	Inf	-Inf	3	Horizontal	326	1.09
2462MHz	Pass	AV	2.4854G	49.64	54.00	-4.36	3	Horizontal	326	1.09
2462MHz	Pass	PK	2.4656G	113.71	Inf	-Inf	3	Horizontal	326	1.09
2462MHz	Pass	PK	2.4854G	73.79	74.00	-0.21	3	Horizontal	326	1.09
2462MHz	Pass	AV	4.927G	31.89	54.00	-22.11	3	Vertical	38	1.26
2462MHz	Pass	AV	7.3884G	46.08	54.00	-7.92	3	Vertical	7	1.00
2462MHz	Pass	PK	4.92628G	45.16	74.00	-28.84	3	Vertical	38	1.26
2462MHz	Pass	PK	7.38792G	61.43	74.00	-12.57	3	Vertical	7	1.00
2462MHz	Pass	AV	4.9252G	31.56	54.00	-22.44	3	Horizontal	97	1.00
2462MHz	Pass	AV	7.38672G	41.93	54.00	-12.07	3	Horizontal	206	1.03
2462MHz	Pass	PK	4.92514G	45.68	74.00	-28.32	3	Horizontal	97	1.00
2462MHz	Pass	PK	7.3875G	57.76	74.00	-16.24	3	Horizontal	206	1.03
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.38G	44.04	54.00	-9.96	3	Vertical	348	3.00
2412MHz	Pass	AV	2.415G	93.37	Inf	-Inf	3	Vertical	348	3.00



RSE TX above 1GHz_Radio 2

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	2.3896G	66.10	74.00	-7.90	3	Vertical	348	3.00
2412MHz	Pass	PK	2.4164G	106.08	Inf	-Inf	3	Vertical	348	3.00
2412MHz	Pass	AV	2.3806G	47.07	54.00	-6.93	3	Horizontal	42	2.28
2412MHz	Pass	AV	2.415G	97.63	Inf	-Inf	3	Horizontal	42	2.28
2412MHz	Pass	PK	2.3894G	72.44	74.00	-1.56	3	Horizontal	42	2.28
2412MHz	Pass	PK	2.4102G	111.35	Inf	-Inf	3	Horizontal	42	2.28
2412MHz	Pass	AV	4.82234G	30.41	54.00	-23.59	3	Vertical	0	1.96
2412MHz	Pass	PK	4.82398G	43.70	74.00	-30.30	3	Vertical	0	1.96
2412MHz	Pass	AV	4.8273G	29.83	54.00	-24.17	3	Horizontal	59	2.01
2412MHz	Pass	PK	4.82368G	43.12	74.00	-30.88	3	Horizontal	59	2.01
2417MHz	Pass	AV	2.3892G	46.05	54.00	-7.95	3	Vertical	344	3.00
2417MHz	Pass	AV	2.422G	97.50	Inf	-Inf	3	Vertical	344	3.00
2417MHz	Pass	PK	2.3898G	65.85	74.00	-8.15	3	Vertical	344	3.00
2417MHz	Pass	PK	2.414G	110.35	Inf	-Inf	3	Vertical	344	3.00
2417MHz	Pass	AV	2.39G	50.33	54.00	-3.67	3	Horizontal	41	2.28
2417MHz	Pass	AV	2.42G	101.46	Inf	-Inf	3	Horizontal	41	2.28
2417MHz	Pass	PK	2.3878G	72.54	74.00	-1.46	3	Horizontal	41	2.28
2417MHz	Pass	PK	2.4154G	114.97	Inf	-Inf	3	Horizontal	41	2.28
2437MHz	Pass	AV	2.3898G	44.97	54.00	-9.03	3	Vertical	343	3.00
2437MHz	Pass	AV	2.4298G	99.28	Inf	-Inf	3	Vertical	343	3.00
2437MHz	Pass	AV	2.4842G	46.18	54.00	-7.82	3	Vertical	343	3.00
2437MHz	Pass	PK	2.377G	58.67	74.00	-15.33	3	Vertical	343	3.00
2437MHz	Pass	PK	2.4338G	112.28	Inf	-Inf	3	Vertical	343	3.00
2437MHz	Pass	PK	2.4846G	62.55	74.00	-11.45	3	Vertical	343	3.00
2437MHz	Pass	AV	2.3898G	48.59	54.00	-5.41	3	Horizontal	42	1.45
2437MHz	Pass	AV	2.435G	103.37	Inf	-Inf	3	Horizontal	42	1.45
2437MHz	Pass	AV	2.4835G	48.85	54.00	-5.15	3	Horizontal	42	1.45
2437MHz	Pass	PK	2.389G	66.82	74.00	-7.18	3	Horizontal	42	1.45
2437MHz	Pass	PK	2.4338G	116.80	Inf	-Inf	3	Horizontal	42	1.45
2437MHz	Pass	PK	2.4835G	67.78	74.00	-6.22	3	Horizontal	42	1.45
2437MHz	Pass	AV	4.87708G	34.38	54.00	-19.62	3	Vertical	0	1.79
2437MHz	Pass	AV	7.31056G	40.91	54.00	-13.09	3	Vertical	0	1.59
2437MHz	Pass	PK	4.87674G	47.49	74.00	-26.51	3	Vertical	0	1.79
2437MHz	Pass	PK	7.31426G	55.47	74.00	-18.53	3	Vertical	0	1.59
2437MHz	Pass	AV	4.87714G	33.48	54.00	-20.52	3	Horizontal	52	1.77
2437MHz	Pass	AV	7.3126G	41.41	54.00	-12.59	3	Horizontal	348	1.50
2437MHz	Pass	PK	4.8766G	47.26	74.00	-26.74	3	Horizontal	52	1.77
2437MHz	Pass	PK	7.31122G	56.02	74.00	-17.98	3	Horizontal	348	1.50
2457MHz	Pass	AV	2.4498G	96.79	Inf	-Inf	3	Vertical	346	2.78
2457MHz	Pass	AV	2.4835G	45.99	54.00	-8.01	3	Vertical	346	2.78
2457MHz	Pass	PK	2.454G	109.73	Inf	-Inf	3	Vertical	346	2.78
2457MHz	Pass	PK	2.4836G	64.98	74.00	-9.02	3	Vertical	346	2.78
2457MHz	Pass	AV	2.46G	101.17	Inf	-Inf	3	Horizontal	47	1.18
2457MHz	Pass	AV	2.4838G	50.16	54.00	-3.84	3	Horizontal	47	1.18
2457MHz	Pass	PK	2.4538G	114.25	Inf	-Inf	3	Horizontal	47	1.18
2457MHz	Pass	PK	2.4838G	73.76	74.00	-0.24	3	Horizontal	47	1.18
2462MHz	Pass	AV	2.4548G	93.88	Inf	-Inf	3	Vertical	346	2.81
2462MHz	Pass	AV	2.493G	44.83	54.00	-9.17	3	Vertical	346	2.81
2462MHz	Pass	PK	2.455G	106.53	Inf	-Inf	3	Vertical	346	2.81
2462MHz	Pass	PK	2.4844G	66.23	74.00	-7.77	3	Vertical	346	2.81
2462MHz	Pass	AV	2.4576G	98.41	Inf	-Inf	3	Horizontal	47	1.18
2462MHz	Pass	AV	2.4842G	46.84	54.00	-7.16	3	Horizontal	47	1.18
2462MHz	Pass	PK	2.4588G	111.72	Inf	-Inf	3	Horizontal	47	1.18
2462MHz	Pass	PK	2.4835G	73.13	74.00	-0.87	3	Horizontal	47	1.18
2462MHz	Pass	AV	4.92566G	33.02	54.00	-20.98	3	Vertical	12	1.98
2462MHz	Pass	AV	7.388G	35.09	54.00	-18.91	3	Vertical	360	1.50
2462MHz	Pass	PK	4.92318G	47.10	74.00	-26.90	3	Vertical	12	1.98
2462MHz	Pass	PK	7.38716G	49.93	74.00	-24.07	3	Vertical	360	1.50
2462MHz	Pass	AV	4.9256G	32.98	54.00	-21.02	3	Horizontal	55	1.77
2462MHz	Pass	AV	7.385G	35.67	54.00	-18.33	3	Horizontal	298	1.80
2462MHz	Pass	PK	4.92694G	46.55	74.00	-27.45	3	Horizontal	55	1.77
2462MHz	Pass	PK	7.39038G	52.11	74.00	-21.89	3	Horizontal	298	1.80



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.22	54.00	-6.78	3	Vertical	16	3.00
2412MHz	Pass	AV	2.415G	97.83	Inf	-Inf	3	Vertical	16	3.00
2412MHz	Pass	PK	2.39G	71.85	74.00	-2.15	3	Vertical	16	3.00
2412MHz	Pass	PK	2.405G	110.59	Inf	-Inf	3	Vertical	16	3.00
2412MHz	Pass	AV	2.39G	48.63	54.00	-5.37	3	Horizontal	329	1.26
2412MHz	Pass	AV	2.415G	100.49	Inf	-Inf	3	Horizontal	329	1.26
2412MHz	Pass	PK	2.39G	73.62	74.00	-0.38	3	Horizontal	329	1.26
2412MHz	Pass	PK	2.4052G	113.20	Inf	-Inf	3	Horizontal	329	1.26
2412MHz	Pass	AV	4.82766G	30.59	54.00	-23.41	3	Vertical	357	1.08
2412MHz	Pass	PK	4.8297G	44.43	74.00	-29.57	3	Vertical	357	1.08
2412MHz	Pass	AV	4.82964G	28.97	54.00	-25.03	3	Horizontal	90	1.10
2412MHz	Pass	PK	4.83204G	42.44	74.00	-31.56	3	Horizontal	90	1.10
2417MHz	Pass	AV	2.3892G	48.60	54.00	-5.40	3	Vertical	13	3.00
2417MHz	Pass	AV	2.4188G	100.63	Inf	-Inf	3	Vertical	13	3.00
2417MHz	Pass	PK	2.389G	67.86	74.00	-6.14	3	Vertical	13	3.00
2417MHz	Pass	PK	2.4138G	113.61	Inf	-Inf	3	Vertical	13	3.00
2417MHz	Pass	AV	2.389G	50.36	54.00	-3.64	3	Horizontal	329	1.25
2417MHz	Pass	AV	2.4138G	103.06	Inf	-Inf	3	Horizontal	329	1.25
2417MHz	Pass	PK	2.3896G	71.39	74.00	-2.61	3	Horizontal	329	1.25
2417MHz	Pass	PK	2.414G	116.41	Inf	-Inf	3	Horizontal	329	1.25
2437MHz	Pass	AV	2.3898G	47.44	54.00	-6.56	3	Vertical	17	3.00
2437MHz	Pass	AV	2.435G	103.59	Inf	-Inf	3	Vertical	17	3.00
2437MHz	Pass	AV	2.4854G	47.42	54.00	-6.58	3	Vertical	17	3.00
2437MHz	Pass	PK	2.3878G	65.17	74.00	-8.83	3	Vertical	17	3.00
2437MHz	Pass	PK	2.4302G	115.92	Inf	-Inf	3	Vertical	17	3.00
2437MHz	Pass	PK	2.485G	65.00	74.00	-9.00	3	Vertical	17	3.00
2437MHz	Pass	AV	2.3898G	48.96	54.00	-5.04	3	Horizontal	329	1.13
2437MHz	Pass	AV	2.4326G	105.72	Inf	-Inf	3	Horizontal	329	1.13
2437MHz	Pass	AV	2.4854G	48.03	54.00	-5.97	3	Horizontal	329	1.13
2437MHz	Pass	PK	2.3858G	66.12	74.00	-7.88	3	Horizontal	329	1.13
2437MHz	Pass	PK	2.4302G	118.26	Inf	-Inf	3	Horizontal	329	1.13
2437MHz	Pass	PK	2.485G	66.35	74.00	-7.65	3	Horizontal	329	1.13
2437MHz	Pass	AV	4.86782G	30.86	54.00	-23.14	3	Vertical	0	1.00
2437MHz	Pass	AV	7.31196G	42.32	54.00	-11.68	3	Vertical	5	1.00
2437MHz	Pass	PK	4.87016G	44.29	74.00	-29.71	3	Vertical	0	1.00
2437MHz	Pass	PK	7.3023G	57.53	74.00	-16.47	3	Vertical	5	1.00
2437MHz	Pass	AV	4.87724G	30.17	54.00	-23.83	3	Horizontal	94	1.07
2437MHz	Pass	AV	7.31082G	40.30	54.00	-13.70	3	Horizontal	207	1.00
2437MHz	Pass	PK	4.8824G	44.06	74.00	-29.94	3	Horizontal	94	1.07
2437MHz	Pass	PK	7.31838G	55.80	74.00	-18.20	3	Horizontal	207	1.00
2457MHz	Pass	AV	2.46G	102.28	Inf	-Inf	3	Vertical	17	3.00
2457MHz	Pass	AV	2.4835G	50.54	54.00	-3.46	3	Vertical	17	3.00
2457MHz	Pass	PK	2.45G	114.64	Inf	-Inf	3	Vertical	17	3.00
2457MHz	Pass	PK	2.4835G	72.13	74.00	-1.87	3	Vertical	17	3.00
2457MHz	Pass	AV	2.46G	104.36	Inf	-Inf	3	Horizontal	326	1.06
2457MHz	Pass	AV	2.4835G	51.90	54.00	-2.10	3	Horizontal	326	1.06
2457MHz	Pass	PK	2.45G	116.44	Inf	-Inf	3	Horizontal	326	1.06
2457MHz	Pass	PK	2.4835G	73.77	74.00	-0.23	3	Horizontal	326	1.06
2462MHz	Pass	AV	2.465G	99.43	Inf	-Inf	3	Vertical	9	3.00
2462MHz	Pass	AV	2.4848G	46.18	54.00	-7.82	3	Vertical	9	3.00
2462MHz	Pass	PK	2.4674G	112.03	Inf	-Inf	3	Vertical	9	3.00
2462MHz	Pass	PK	2.4852G	71.69	74.00	-2.31	3	Vertical	9	3.00
2462MHz	Pass	AV	2.4574G	101.19	Inf	-Inf	3	Horizontal	327	1.06
2462MHz	Pass	AV	2.4835G	47.45	54.00	-6.55	3	Horizontal	327	1.06
2462MHz	Pass	PK	2.4552G	113.91	Inf	-Inf	3	Horizontal	327	1.06
2462MHz	Pass	PK	2.4854G	73.28	74.00	-0.72	3	Horizontal	327	1.06
2462MHz	Pass	AV	4.92652G	32.00	54.00	-22.00	3	Vertical	44	1.00
2462MHz	Pass	AV	7.38726G	46.35	54.00	-7.65	3	Vertical	7	1.00
2462MHz	Pass	PK	4.92664G	46.13	74.00	-27.87	3	Vertical	44	1.00
2462MHz	Pass	PK	7.37706G	61.69	74.00	-12.31	3	Vertical	7	1.00
2462MHz	Pass	AV	4.9252G	31.30	54.00	-22.70	3	Horizontal	99	1.00



RSE TX above 1GHz_Radio 2

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	AV	7.38624G	41.88	54.00	-12.12	3	Horizontal	217	1.00
2462MHz	Pass	PK	4.9252G	45.23	74.00	-28.77	3	Horizontal	99	1.00
2462MHz	Pass	PK	7.38618G	56.52	74.00	-17.48	3	Horizontal	217	1.00
802.11ax HEW40_Nss1_(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.388G	45.54	54.00	-8.46	3	Vertical	349	3.00
2422MHz	Pass	AV	2.4272G	92.82	Inf	-Inf	3	Vertical	349	3.00
2422MHz	Pass	AV	2.4908G	45.32	54.00	-8.68	3	Vertical	349	3.00
2422MHz	Pass	PK	2.3884G	63.34	74.00	-10.66	3	Vertical	349	3.00
2422MHz	Pass	PK	2.4272G	105.57	Inf	-Inf	3	Vertical	349	3.00
2422MHz	Pass	PK	2.484G	57.82	74.00	-16.18	3	Vertical	349	3.00
2422MHz	Pass	AV	2.3892G	49.88	54.00	-4.12	3	Horizontal	39	2.28
2422MHz	Pass	AV	2.4192G	96.62	Inf	-Inf	3	Horizontal	39	2.28
2422MHz	Pass	AV	2.4948G	46.12	54.00	-7.88	3	Horizontal	39	2.28
2422MHz	Pass	PK	2.39G	73.45	74.00	-0.55	3	Horizontal	39	2.28
2422MHz	Pass	PK	2.4188G	109.17	Inf	-Inf	3	Horizontal	39	2.28
2422MHz	Pass	PK	2.4964G	58.76	74.00	-15.24	3	Horizontal	39	2.28
2422MHz	Pass	AV	4.84588G	31.28	54.00	-22.72	3	Vertical	8	1.77
2422MHz	Pass	AV	7.27264G	35.60	54.00	-18.40	3	Vertical	0	1.50
2422MHz	Pass	PK	4.83616G	43.72	74.00	-30.28	3	Vertical	8	1.77
2422MHz	Pass	PK	7.25868G	47.51	74.00	-26.49	3	Vertical	0	1.50
2422MHz	Pass	AV	4.84696G	30.95	54.00	-23.05	3	Horizontal	54	1.86
2422MHz	Pass	AV	7.27292G	35.91	54.00	-18.09	3	Horizontal	58	1.00
2422MHz	Pass	PK	4.83468G	43.22	74.00	-30.78	3	Horizontal	54	1.86
2422MHz	Pass	PK	7.2742G	49.38	74.00	-24.62	3	Horizontal	58	1.00
2427MHz	Pass	AV	2.3898G	47.68	54.00	-6.32	3	Vertical	343	3.00
2427MHz	Pass	AV	2.4254G	94.34	Inf	-Inf	3	Vertical	343	3.00
2427MHz	Pass	AV	2.4838G	46.15	54.00	-7.85	3	Vertical	343	3.00
2427MHz	Pass	PK	2.3894G	64.79	74.00	-9.21	3	Vertical	343	3.00
2427MHz	Pass	PK	2.4238G	106.86	Inf	-Inf	3	Vertical	343	3.00
2427MHz	Pass	PK	2.4846G	60.70	74.00	-13.30	3	Vertical	343	3.00
2427MHz	Pass	AV	2.3898G	53.01	54.00	-0.99	3	Horizontal	43	1.46
2427MHz	Pass	AV	2.4326G	98.32	Inf	-Inf	3	Horizontal	43	1.46
2427MHz	Pass	AV	2.4858G	48.24	54.00	-5.76	3	Horizontal	43	1.46
2427MHz	Pass	PK	2.3894G	73.70	74.00	-0.30	3	Horizontal	43	1.46
2427MHz	Pass	PK	2.4322G	110.94	Inf	-Inf	3	Horizontal	43	1.46
2427MHz	Pass	PK	2.4835G	64.53	74.00	-9.47	3	Horizontal	43	1.46
2437MHz	Pass	AV	2.389G	47.81	54.00	-6.19	3	Vertical	348	3.00
2437MHz	Pass	AV	2.423G	94.61	Inf	-Inf	3	Vertical	348	3.00
2437MHz	Pass	AV	2.4842G	49.29	54.00	-4.71	3	Vertical	348	3.00
2437MHz	Pass	PK	2.3898G	63.25	74.00	-10.75	3	Vertical	348	3.00
2437MHz	Pass	PK	2.4338G	106.77	Inf	-Inf	3	Vertical	348	3.00
2437MHz	Pass	PK	2.4835G	64.52	74.00	-9.48	3	Vertical	348	3.00
2437MHz	Pass	AV	2.3894G	52.59	54.00	-1.41	3	Horizontal	44	1.00
2437MHz	Pass	AV	2.4354G	98.80	Inf	-Inf	3	Horizontal	44	1.00
2437MHz	Pass	AV	2.4842G	53.92	54.00	-0.08	3	Horizontal	44	1.00
2437MHz	Pass	PK	2.3886G	71.10	74.00	-2.90	3	Horizontal	44	1.00
2437MHz	Pass	PK	2.4422G	111.41	Inf	-Inf	3	Horizontal	44	1.00
2437MHz	Pass	PK	2.4846G	69.86	74.00	-4.14	3	Horizontal	44	1.00
2437MHz	Pass	AV	4.8766G	32.94	54.00	-21.06	3	Vertical	11	1.89
2437MHz	Pass	AV	7.32032G	37.09	54.00	-16.91	3	Vertical	6	1.72
2437MHz	Pass	PK	4.8802G	46.02	74.00	-27.98	3	Vertical	11	1.89
2437MHz	Pass	PK	7.31636G	49.69	74.00	-24.31	3	Vertical	6	1.72
2437MHz	Pass	AV	4.8756G	32.27	54.00	-21.73	3	Horizontal	55	1.54
2437MHz	Pass	AV	7.31916G	36.97	54.00	-17.03	3	Horizontal	351	1.54
2437MHz	Pass	PK	4.8734G	45.29	74.00	-28.71	3	Horizontal	55	1.54
2437MHz	Pass	PK	7.3174G	50.94	74.00	-23.06	3	Horizontal	351	1.54
2447MHz	Pass	AV	2.3862G	45.46	54.00	-8.54	3	Vertical	344	2.77
2447MHz	Pass	AV	2.4454G	93.71	Inf	-Inf	3	Vertical	344	2.77
2447MHz	Pass	AV	2.4835G	48.11	54.00	-5.89	3	Vertical	344	2.77
2447MHz	Pass	PK	2.3794G	58.09	74.00	-15.91	3	Vertical	344	2.77
2447MHz	Pass	PK	2.4438G	106.26	Inf	-Inf	3	Vertical	344	2.77
2447MHz	Pass	PK	2.4854G	66.54	74.00	-7.46	3	Vertical	344	2.77



RSE TX above 1GHz_Radio 2

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2447MHz	Pass	AV	2.3878G	47.67	54.00	-6.33	3	Horizontal	45	1.18
2447MHz	Pass	AV	2.4526G	97.76	Inf	-Inf	3	Horizontal	45	1.18
2447MHz	Pass	AV	2.4835G	53.41	54.00	-0.59	3	Horizontal	45	1.18
2447MHz	Pass	PK	2.3822G	60.51	74.00	-13.49	3	Horizontal	45	1.18
2447MHz	Pass	PK	2.4522G	110.44	Inf	-Inf	3	Horizontal	45	1.18
2447MHz	Pass	PK	2.485G	73.03	74.00	-0.97	3	Horizontal	45	1.18
2452MHz	Pass	AV	2.3896G	45.47	54.00	-8.53	3	Vertical	344	2.77
2452MHz	Pass	AV	2.4464G	93.85	Inf	-Inf	3	Vertical	344	2.77
2452MHz	Pass	AV	2.488G	48.46	54.00	-5.54	3	Vertical	344	2.77
2452MHz	Pass	PK	2.3828G	57.52	74.00	-16.48	3	Vertical	344	2.77
2452MHz	Pass	PK	2.4488G	106.11	Inf	-Inf	3	Vertical	344	2.77
2452MHz	Pass	PK	2.49G	67.06	74.00	-6.94	3	Vertical	344	2.77
2452MHz	Pass	AV	2.388G	47.54	54.00	-6.46	3	Horizontal	38	1.70
2452MHz	Pass	AV	2.4464G	97.64	Inf	-Inf	3	Horizontal	38	1.70
2452MHz	Pass	AV	2.4835G	53.51	54.00	-0.49	3	Horizontal	38	1.70
2452MHz	Pass	PK	2.3884G	60.09	74.00	-13.91	3	Horizontal	38	1.70
2452MHz	Pass	PK	2.4572G	110.07	Inf	-Inf	3	Horizontal	38	1.70
2452MHz	Pass	PK	2.4904G	72.37	74.00	-1.63	3	Horizontal	38	1.70
2452MHz	Pass	AV	4.9072G	33.39	54.00	-20.61	3	Vertical	8	1.87
2452MHz	Pass	AV	7.3508G	36.30	54.00	-17.70	3	Vertical	0	1.60
2452MHz	Pass	PK	4.9052G	45.95	74.00	-28.05	3	Vertical	8	1.87
2452MHz	Pass	PK	7.3524G	49.50	74.00	-24.50	3	Vertical	0	1.60
2452MHz	Pass	AV	4.90684G	32.81	54.00	-21.19	3	Horizontal	60	1.88
2452MHz	Pass	AV	7.35756G	37.08	54.00	-16.92	3	Horizontal	297	1.74
2452MHz	Pass	PK	4.90636G	45.41	74.00	-28.59	3	Horizontal	60	1.88
2452MHz	Pass	PK	7.35236G	51.57	74.00	-22.43	3	Horizontal	297	1.74
802.11ax HEW40_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3888G	50.03	54.00	-3.97	3	Vertical	13	3.00
2422MHz	Pass	AV	2.4284G	97.01	Inf	-Inf	3	Vertical	13	3.00
2422MHz	Pass	AV	2.4908G	46.45	54.00	-7.55	3	Vertical	13	3.00
2422MHz	Pass	PK	2.39G	72.66	74.00	-1.34	3	Vertical	13	3.00
2422MHz	Pass	PK	2.4188G	109.85	Inf	-Inf	3	Vertical	13	3.00
2422MHz	Pass	PK	2.4835G	60.10	74.00	-13.90	3	Vertical	13	3.00
2422MHz	Pass	AV	2.3892G	52.42	54.00	-1.58	3	Horizontal	330	1.24
2422MHz	Pass	AV	2.4164G	99.74	Inf	-Inf	3	Horizontal	330	1.24
2422MHz	Pass	AV	2.4888G	47.08	54.00	-6.92	3	Horizontal	330	1.24
2422MHz	Pass	PK	2.39G	73.84	74.00	-0.16	3	Horizontal	330	1.24
2422MHz	Pass	PK	2.4188G	111.98	Inf	-Inf	3	Horizontal	330	1.24
2422MHz	Pass	PK	2.4848G	61.81	74.00	-12.19	3	Horizontal	330	1.24
2422MHz	Pass	AV	4.84508G	29.39	54.00	-24.61	3	Vertical	355	1.06
2422MHz	Pass	AV	7.26684G	38.32	54.00	-15.68	3	Vertical	1	1.06
2422MHz	Pass	PK	4.8446G	42.71	74.00	-31.29	3	Vertical	355	1.06
2422MHz	Pass	PK	7.26216G	52.02	74.00	-21.98	3	Vertical	1	1.06
2422MHz	Pass	AV	4.84844G	28.55	54.00	-25.45	3	Horizontal	74	1.00
2422MHz	Pass	AV	7.26708G	39.82	54.00	-14.18	3	Horizontal	105	1.00
2422MHz	Pass	PK	4.83296G	42.19	74.00	-31.81	3	Horizontal	74	1.00
2422MHz	Pass	PK	7.2624G	53.78	74.00	-20.22	3	Horizontal	105	1.00
2427MHz	Pass	AV	2.3898G	50.89	54.00	-3.11	3	Vertical	0	2.79
2427MHz	Pass	AV	2.4326G	97.22	Inf	-Inf	3	Vertical	0	2.79
2427MHz	Pass	AV	2.4858G	46.19	54.00	-7.81	3	Vertical	0	2.79
2427MHz	Pass	PK	2.387G	68.92	74.00	-5.08	3	Vertical	0	2.79
2427MHz	Pass	PK	2.4322G	109.51	Inf	-Inf	3	Vertical	0	2.79
2427MHz	Pass	PK	2.4835G	61.70	74.00	-12.30	3	Vertical	0	2.79
2427MHz	Pass	AV	2.3898G	53.52	54.00	-0.48	3	Horizontal	330	1.05
2427MHz	Pass	AV	2.4226G	100.61	Inf	-Inf	3	Horizontal	330	1.05
2427MHz	Pass	AV	2.4835G	47.73	54.00	-6.27	3	Horizontal	330	1.05
2427MHz	Pass	PK	2.389G	71.87	74.00	-2.13	3	Horizontal	330	1.05
2427MHz	Pass	PK	2.4202G	113.44	Inf	-Inf	3	Horizontal	330	1.05
2427MHz	Pass	PK	2.4842G	66.04	74.00	-7.96	3	Horizontal	330	1.05
2437MHz	Pass	AV	2.3886G	51.38	54.00	-2.62	3	Vertical	16	3.00
2437MHz	Pass	AV	2.4314G	98.87	Inf	-Inf	3	Vertical	16	3.00
2437MHz	Pass	AV	2.4842G	52.22	54.00	-1.78	3	Vertical	16	3.00



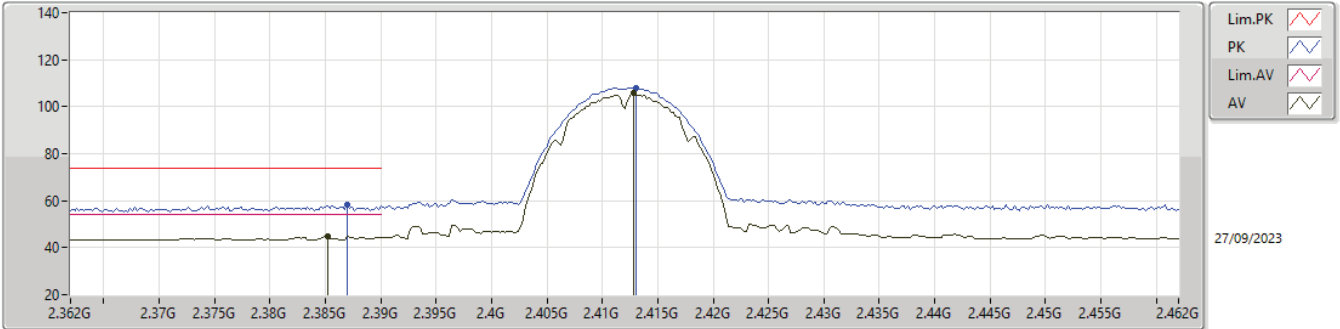
RSE TX above 1GHz_Radio 2

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.3894G	69.50	74.00	-4.50	3	Vertical	16	3.00
2437MHz	Pass	PK	2.4338G	111.78	Inf	-Inf	3	Vertical	16	3.00
2437MHz	Pass	PK	2.4838G	70.38	74.00	-3.62	3	Vertical	16	3.00
2437MHz	Pass	AV	2.3886G	53.76	54.00	-0.24	3	Horizontal	329	1.11
2437MHz	Pass	AV	2.4314G	101.38	Inf	-Inf	3	Horizontal	329	1.11
2437MHz	Pass	AV	2.4842G	53.04	54.00	-0.96	3	Horizontal	329	1.11
2437MHz	Pass	PK	2.3898G	71.63	74.00	-2.37	3	Horizontal	329	1.11
2437MHz	Pass	PK	2.4338G	114.02	Inf	-Inf	3	Horizontal	329	1.11
2437MHz	Pass	PK	2.491G	70.40	74.00	-3.60	3	Horizontal	329	1.11
2437MHz	Pass	AV	4.87904G	29.13	54.00	-24.87	3	Vertical	320	1.22
2437MHz	Pass	AV	7.32072G	40.30	54.00	-13.70	3	Vertical	5	1.00
2437MHz	Pass	PK	4.87928G	42.59	74.00	-31.41	3	Vertical	320	1.22
2437MHz	Pass	PK	7.32036G	54.30	74.00	-19.70	3	Vertical	5	1.00
2437MHz	Pass	AV	4.88036G	29.19	54.00	-24.81	3	Horizontal	96	1.06
2437MHz	Pass	AV	7.31724G	38.23	54.00	-15.77	3	Horizontal	206	1.00
2437MHz	Pass	PK	4.88204G	42.61	74.00	-31.39	3	Horizontal	96	1.06
2437MHz	Pass	PK	7.31976G	51.89	74.00	-22.11	3	Horizontal	206	1.00
2447MHz	Pass	AV	2.3806G	46.70	54.00	-7.30	3	Vertical	18	3.00
2447MHz	Pass	AV	2.4526G	97.64	Inf	-Inf	3	Vertical	18	3.00
2447MHz	Pass	AV	2.485G	51.83	54.00	-2.17	3	Vertical	18	3.00
2447MHz	Pass	PK	2.3878G	59.54	74.00	-14.46	3	Vertical	18	3.00
2447MHz	Pass	PK	2.4526G	109.72	Inf	-Inf	3	Vertical	18	3.00
2447MHz	Pass	PK	2.4838G	69.27	74.00	-4.73	3	Vertical	18	3.00
2447MHz	Pass	AV	2.3878G	47.84	54.00	-6.16	3	Horizontal	325	1.26
2447MHz	Pass	AV	2.4526G	99.62	Inf	-Inf	3	Horizontal	325	1.26
2447MHz	Pass	AV	2.485G	53.56	54.00	-0.44	3	Horizontal	325	1.26
2447MHz	Pass	PK	2.3874G	59.82	74.00	-14.18	3	Horizontal	325	1.26
2447MHz	Pass	PK	2.4522G	111.84	Inf	-Inf	3	Horizontal	325	1.26
2447MHz	Pass	PK	2.4838G	71.08	74.00	-2.92	3	Horizontal	325	1.26
2452MHz	Pass	AV	2.3896G	46.42	54.00	-7.58	3	Vertical	19	3.00
2452MHz	Pass	AV	2.4576G	98.09	Inf	-Inf	3	Vertical	19	3.00
2452MHz	Pass	AV	2.488G	51.83	54.00	-2.17	3	Vertical	19	3.00
2452MHz	Pass	PK	2.3848G	58.50	74.00	-15.50	3	Vertical	19	3.00
2452MHz	Pass	PK	2.4572G	109.75	Inf	-Inf	3	Vertical	19	3.00
2452MHz	Pass	PK	2.4896G	70.21	74.00	-3.79	3	Vertical	19	3.00
2452MHz	Pass	AV	2.39G	48.07	54.00	-5.93	3	Horizontal	326	1.07
2452MHz	Pass	AV	2.4576G	100.23	Inf	-Inf	3	Horizontal	326	1.07
2452MHz	Pass	AV	2.4856G	53.90	54.00	-0.10	3	Horizontal	326	1.07
2452MHz	Pass	PK	2.388G	59.84	74.00	-14.16	3	Horizontal	326	1.07
2452MHz	Pass	PK	2.4572G	112.15	Inf	-Inf	3	Horizontal	326	1.07
2452MHz	Pass	PK	2.4944G	72.07	74.00	-1.93	3	Horizontal	326	1.07
2452MHz	Pass	AV	4.91108G	29.86	54.00	-24.14	3	Vertical	29	1.13
2452MHz	Pass	AV	7.35696G	42.43	54.00	-11.57	3	Vertical	9	1.00
2452MHz	Pass	PK	4.90256G	43.18	74.00	-30.82	3	Vertical	29	1.13
2452MHz	Pass	PK	7.3524G	56.18	74.00	-17.82	3	Vertical	9	1.00
2452MHz	Pass	AV	4.8974G	29.80	54.00	-24.20	3	Horizontal	95	1.05
2452MHz	Pass	AV	7.35612G	39.42	54.00	-14.58	3	Horizontal	207	1.00
2452MHz	Pass	PK	4.9052G	43.17	74.00	-30.83	3	Horizontal	95	1.05
2452MHz	Pass	PK	7.36896G	53.30	74.00	-20.70	3	Horizontal	207	1.00

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

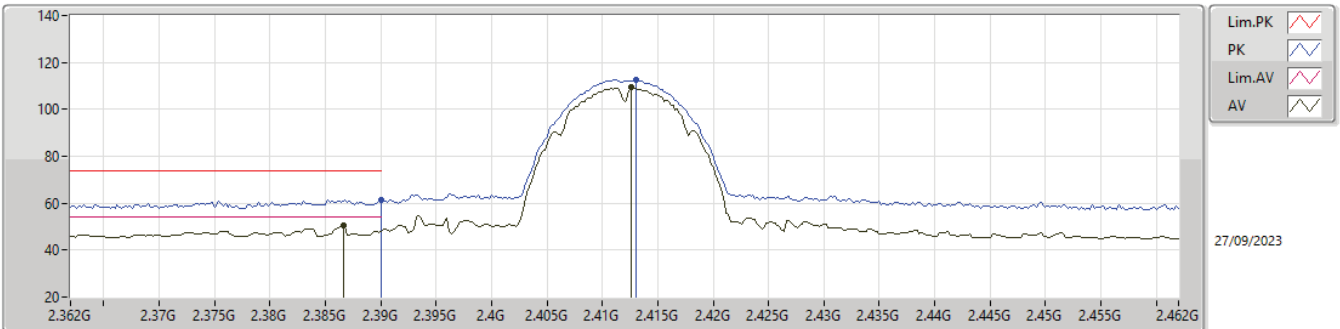
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3852G	44.86	54.00	-9.14	30.85	3	Vertical	349	2.97	14.01	27.50	3.35	-
AV	2.4128G	105.61	Inf	-Inf	30.90	3	Vertical	349	2.97	74.71	27.53	3.37	-
PK	2.387G	58.44	74.00	-15.56	30.85	3	Vertical	349	2.97	27.59	27.50	3.35	-
PK	2.413G	108.16	Inf	-Inf	30.90	3	Vertical	349	2.97	77.26	27.53	3.37	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

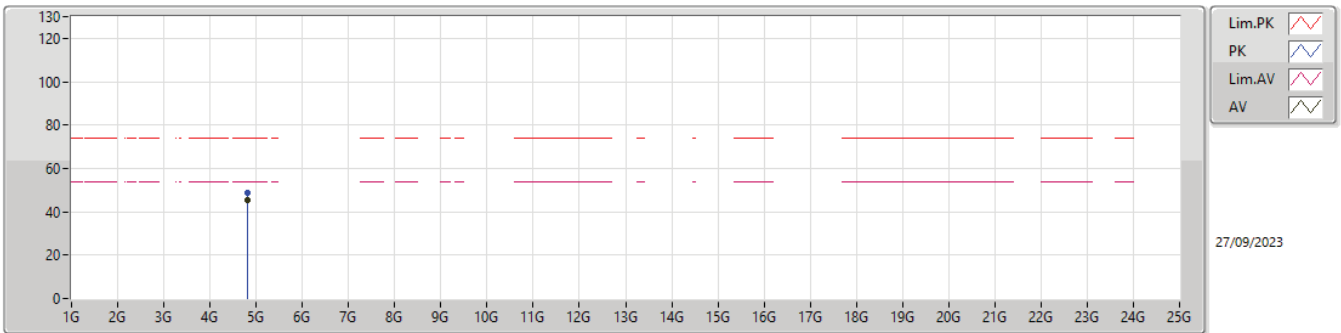


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3866G	50.32	54.00	-3.68	30.85	3	Horizontal	42	2.27	19.47	27.50	3.35	-
AV	2.4126G	109.43	Inf	-Inf	30.90	3	Horizontal	42	2.27	78.53	27.53	3.37	-
PK	2.39G	61.36	74.00	-12.64	30.85	3	Horizontal	42	2.27	30.51	27.50	3.35	-
PK	2.413G	112.83	Inf	-Inf	30.90	3	Horizontal	42	2.27	81.93	27.53	3.37	-



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

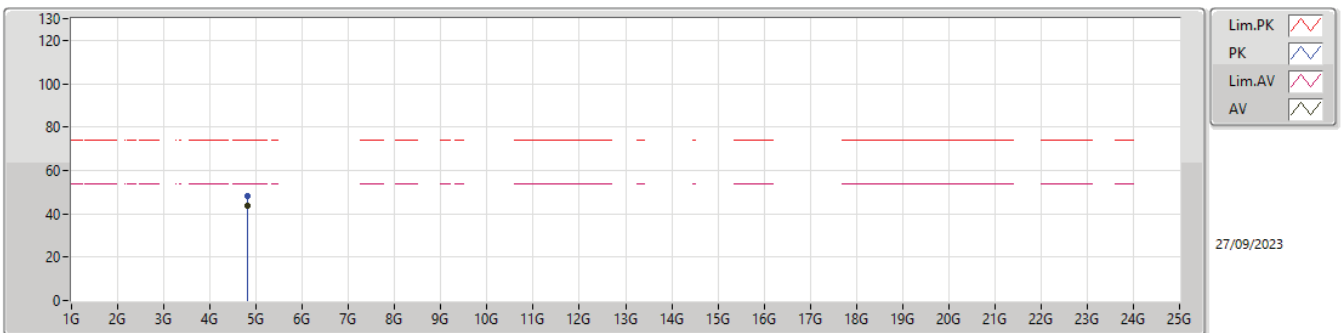
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	45.41	54.00	-8.59	-6.33	3	Vertical	0	1.91	51.74	32.70	4.99	44.02
PK	4.824G	48.76	74.00	-25.24	-6.33	3	Vertical	0	1.91	55.09	32.70	4.99	44.02

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

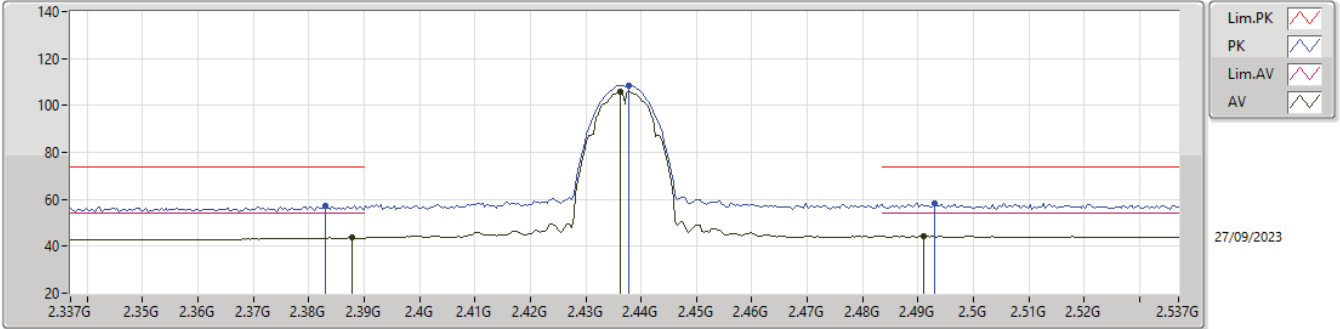


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82394G	43.61	54.00	-10.39	-6.33	3	Horizontal	56	1.64	49.94	32.70	4.99	44.02
PK	4.824G	47.96	74.00	-26.04	-6.33	3	Horizontal	56	1.64	54.29	32.70	4.99	44.02



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

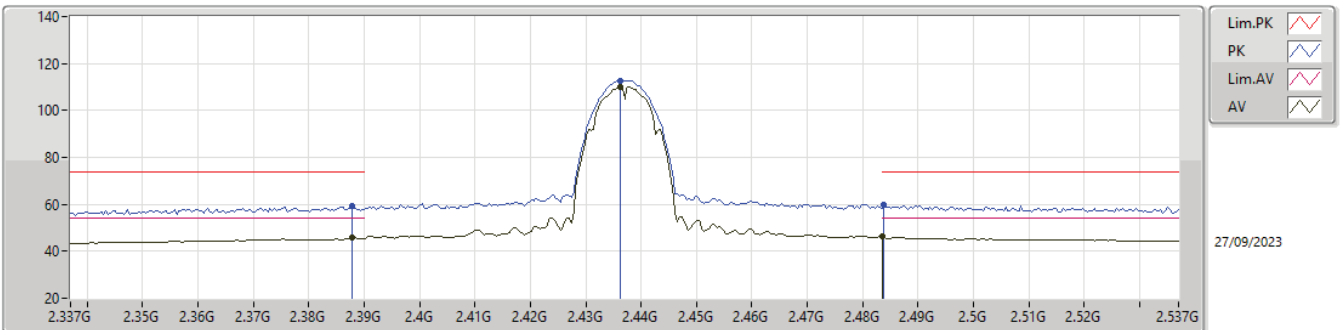
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	43.66	54.00	-10.34	30.85	3	Vertical	346	2.90	12.81	27.50	3.35	-
AV	2.4362G	106.02	Inf	-Inf	31.09	3	Vertical	346	2.90	74.93	27.70	3.39	-
AV	2.491G	44.15	54.00	-9.85	31.45	3	Vertical	346	2.90	12.70	28.01	3.44	-
PK	2.383G	57.42	74.00	-16.58	30.85	3	Vertical	346	2.90	26.57	27.50	3.35	-
PK	2.4378G	108.64	Inf	-Inf	31.09	3	Vertical	346	2.90	77.55	27.70	3.39	-
PK	2.493G	58.16	74.00	-15.84	31.47	3	Vertical	346	2.90	26.69	28.03	3.44	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

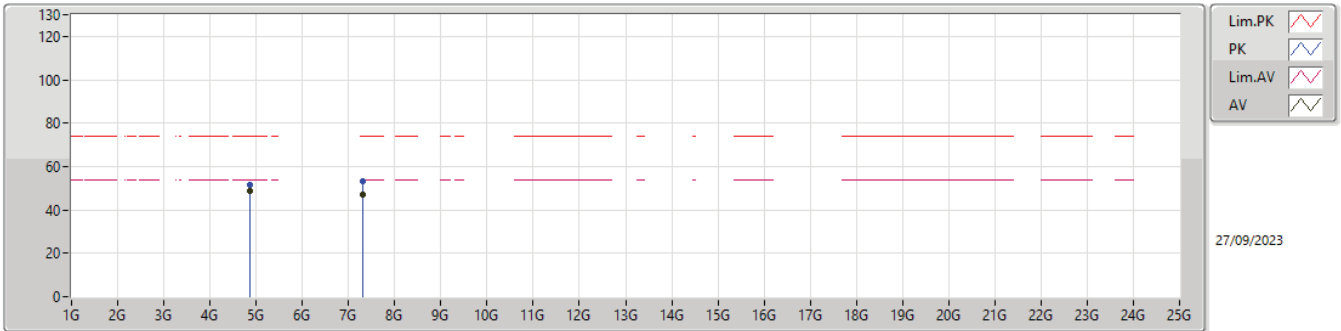


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	45.74	54.00	-8.26	30.85	3	Horizontal	45	1.00	14.89	27.50	3.35	-
AV	2.4362G	110.19	Inf	-Inf	31.09	3	Horizontal	45	1.00	79.10	27.70	3.39	-
AV	2.4835G	46.22	54.00	-7.78	31.36	3	Horizontal	45	1.00	14.86	27.93	3.43	-
PK	2.3878G	59.34	74.00	-14.66	30.85	3	Horizontal	45	1.00	28.49	27.50	3.35	-
PK	2.4362G	112.78	Inf	-Inf	31.09	3	Horizontal	45	1.00	81.69	27.70	3.39	-
PK	2.4838G	59.66	74.00	-14.34	31.37	3	Horizontal	45	1.00	28.29	27.94	3.43	-



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

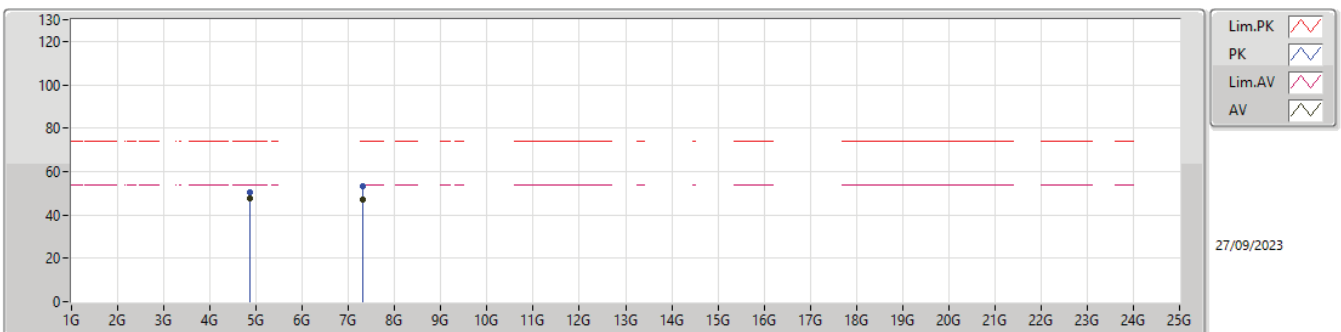
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87394G	48.81	54.00	-5.19	-6.11	3	Vertical	9	1.80	54.92	32.90	5.02	44.03
AV	7.31172G	47.06	54.00	-6.94	-0.53	3	Vertical	4	1.60	47.59	37.15	6.22	43.90
PK	4.874G	51.37	74.00	-22.63	-6.11	3	Vertical	9	1.80	57.48	32.90	5.02	44.03
PK	7.31232G	53.11	74.00	-20.89	-0.53	3	Vertical	4	1.60	53.64	37.15	6.22	43.90

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

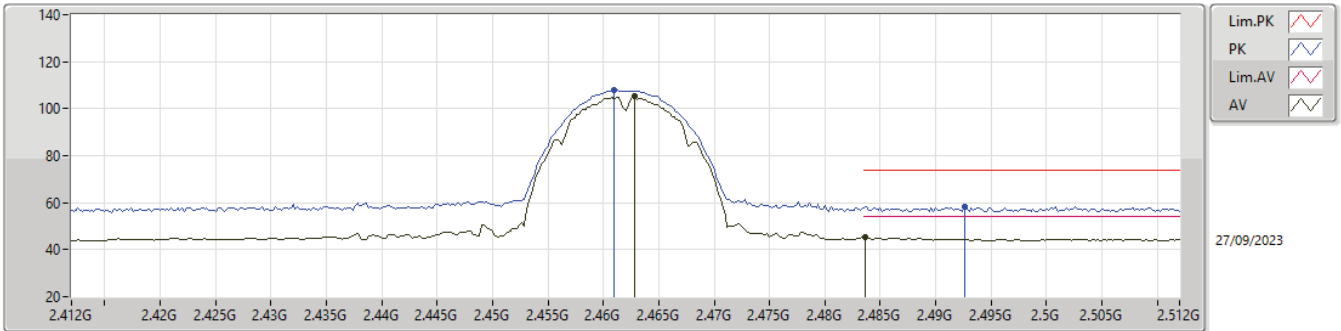


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	47.63	54.00	-6.37	-6.11	3	Horizontal	53	1.55	53.74	32.90	5.02	44.03
AV	7.31172G	47.08	54.00	-6.92	-0.53	3	Horizontal	351	1.50	47.61	37.15	6.22	43.90
PK	4.874G	50.39	74.00	-23.61	-6.11	3	Horizontal	53	1.55	56.50	32.90	5.02	44.03
PK	7.31178G	53.35	74.00	-20.65	-0.53	3	Horizontal	351	1.50	53.88	37.15	6.22	43.90



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

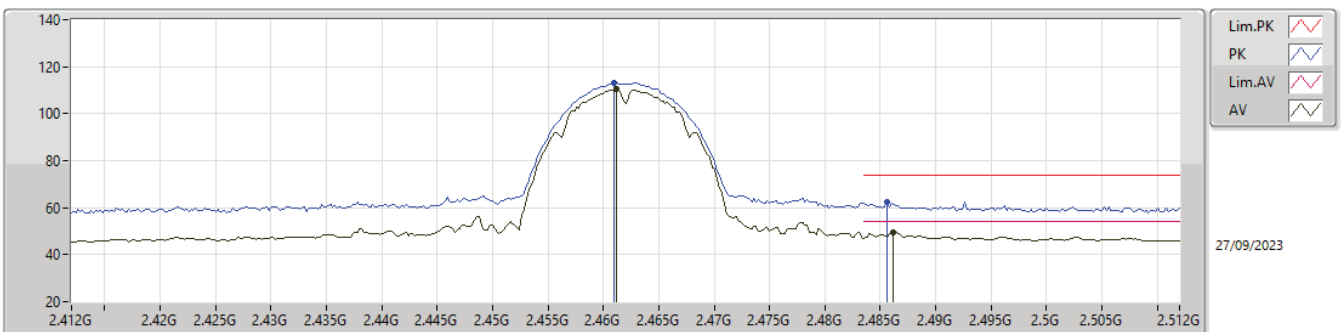
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	105.09	Inf	-Inf	31.21	3	Vertical	345	2.41	73.88	27.80	3.41	-
AV	2.4836G	45.17	54.00	-8.83	31.37	3	Vertical	345	2.41	13.80	27.94	3.43	-
PK	2.461G	107.98	Inf	-Inf	31.21	3	Vertical	345	2.41	76.77	27.80	3.41	-
PK	2.4926G	58.33	74.00	-15.67	31.47	3	Vertical	345	2.41	26.86	28.03	3.44	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	110.35	Inf	-Inf	31.21	3	Horizontal	46	1.18	79.14	27.80	3.41	-
AV	2.4862G	49.53	54.00	-4.47	31.39	3	Horizontal	46	1.18	18.14	27.96	3.43	-
PK	2.461G	112.95	Inf	-Inf	31.21	3	Horizontal	46	1.18	81.74	27.80	3.41	-
PK	2.4856G	62.39	74.00	-11.61	31.39	3	Horizontal	46	1.18	31.00	27.96	3.43	-