



RADIO TEST REPORT

FCC ID : QXO-AP3020X
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP3020X
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 16, 2026, and testing was started from Jun. 23, 2026 and completed on Aug. 26, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
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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	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen**Report Producer: Sandy Chuang**



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), be (EHT20)	2412-2462	1-11 [11]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b, 802.11g, 802.11n HT20, VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11n HT20-BF, VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.


1.1.2 Antenna Information

Ant.	RF Port				Brand Name	Model Name	Ant. Type	Connector	Modes of Operation	Remark	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth and IEEE 802.15.4							
1	1	1	-	-	WNC	ML-2452-APA2-02	Dipole Omni	Reverse SMA	WLAN 2.4GHz (Radio 1), WLAN 5GHz UNII 2C~3 or UNII 1~3 (Radio 2)	External Ant.	Note 1
	2	2	-	-							
2	1 (V)	1 (V)	-	-	Extreme Networks	AIO-DD75060-RPSMA	Panel	Reverse SMA			
	2 (H)	2 (H)	-	-							
3	1 (V)	1 (V)	-	-	Extreme Networks	AIO-DD05120-RPSMA	Dual-Polarized Panel	Reverse SMA			
	2 (H)	2 (H)	-	-							
4	1 (V)	1 (V)	-	-	Extreme Networks	AIO-DD15020-RPSMA	MIMO-Directional Panel	Reverse SMA			
	2 (H)	2 (H)	-	-							
5	-	1	1	-	WNC	95XPAM15.G98	Dipole	I-Pex	WLAN 5GHz UNII 1~2A 、 WLAN 6GHz UNII 5~8 (Radio 1)	External Ant. (Non-detachable)	
6	-	2	2	-	WNC	95XPAM15.G99	Dipole	I-Pex			
7	-	-	-	1	WNC	95XPAM15.G97	PIFA	I-Pex	Bluetooth 、 IEEE 802.15.4 (Radio 3)	Internal Ant.	
8	-	-	-	1	WNC	95XPAM15.G95	Dipole	I-Pex			
9	-	-	-	1	WNC	95XPAM15.G96	PIFA	I-Pex			



Note 1:

Ant.	RF Port				Antenna Gain (dBi)											
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth and IEEE 802.15.4	WLAN 2.4GHz (Radio 1)	WLAN 5GHz UNII 1~3 (Radio 2)				WLAN 5GHz UNII 1~2A (Radio 1)		WLAN 6GHz UNII 5~8 (Radio 1)				Bluetooth and IEEE 802.15.4 (Radio 3)
						UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1	UNII 2A	UNII 5	UNII 6	UNII 7	UNII 8	
1	1	1	-	-	3.04	4.3	4.07	4.96	4.96	-	-	-	-	-	-	-
	2	2	-	-	3.04	4.3	4.07	4.96	4.96							
2	1 (V)	1 (V)	-	-	7.5	7.5	7.5	7.5	7.5	-	-	-	-	-	-	-
	2 (H)	2 (H)	-	-	7.5	7.5	7.5	7.5	7.5							
3	1 (V)	1 (V)	-	-	5.5	5	5	5	5	-	-	-	-	-	-	-
	2 (H)	2 (H)	-	-	5.5	5	5	5	5							
4	1 (V)	1 (V)	-	-	12	15	15	15	15	-	-	-	-	-	-	-
	2 (H)	2 (H)	-	-	12	15	15	15	15							
5	-	1	1	-	-	-	-	-	-	4.47	4.47	5.3	5.3	5.3	5.3	-
6	-	2	2	-	-	-	-	-	-	4.51	4.51	5.9	5.9	5.9	5.9	-
7	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3.21
8	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	5.81
9	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3.28

Ant.	RF Port		Antenna Cable Loss (dB)				
	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz (Radio 1)	WLAN 5GHz UNII 1~3 (Radio 2)			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1	1	0.79	1.2	1.2	1.2	1.2
	2	2	0.33	0.5	0.5	0.5	0.5
2	1 (V)	1 (V)	0.79	1.2	1.2	1.2	1.2
	2 (H)	2 (H)	0.33	0.5	0.5	0.5	0.5
3	1 (V)	1 (V)	0.79	1.2	1.2	1.2	1.2
	2 (H)	2 (H)	0.33	0.5	0.5	0.5	0.5
4	1 (V)	1 (V)	0.79	1.2	1.2	1.2	1.2
	2 (H)	2 (H)	0.33	0.5	0.5	0.5	0.5



Ant.	RF Port		Antenna True Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz (Radio 1)	WLAN 5GHz UNII 1~3 (Radio 2)			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1	1	2.25	3.1	2.87	3.76	3.76
	2	2	2.71	3.8	3.57	4.46	4.46
2	1 (V)	1 (V)	6.71	6.3	6.3	6.3	6.3
	2 (H)	2 (H)	7.17	7	7	7	7
3	1 (V)	1 (V)	4.71	3.8	3.8	3.8	3.8
	2 (H)	2 (H)	5.17	4.5	4.5	4.5	4.5
4	1 (V)	1 (V)	11.21	13.8	13.8	13.8	13.8
	2 (H)	2 (H)	11.67	14.5	14.5	14.5	14.5

Note 2: The above information was declared by manufacturer.

Note 3: For WLAN 2.4GHz (Radio 1) and WLAN 5GHz (Radio 2): Only the highest gain antenna “Ant.1, Ant. 2 and Ant. 4” was selected to perform the test and recorded in this report.

Note 4: For WLAN 5GHz and 6GHz (Radio 1): Ant.5+Ant.6 were selected to perform the test and recorded in this report.

Note 5: States antenna 5GHz and 6GHz transmission will be restricted per country’s regulation.

Note 6: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ;$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

Where ;

**<Radio 1>**

2.4G

Ant. 1

2.4G G1= 2.25 dBi ; G2= 2.71 dBi ;

2T1S DG= 5.49dBi ; 2T2S DG= 2.49dBi

Ant. 2 (Cross-Polarized Antenna)

2.4G G1= 6.71 dBi ; G2= 7.17 dBi ;

2T1S DG= 7.17dBi ; 2T2S DG= 6.95dBi

Ant. 4 (Cross-Polarized Antenna)

2.4G G1= 11.21 dBi ; G2= 11.67 dBi ;

2T1S DG= 11.67dBi ; 2T2S DG= 11.45dBi

5G

5G UNII-1 G1= 4.47 dBi ; G2= 4.51 dBi ;

2T1S DG= 7.5dBi ; 2T2S DG= 4.49dBi

5G UNII-2A G1= 4.47 dBi ; G2= 4.51 dBi ;

2T1S DG= 7.5dBi ; 2T2S DG= 4.49dBi

6G

6G UNII-5 G1= 5.3 dBi ; G2= 5.9 dBi ;

2T1S DG= 8.62dBi ; 2T2S DG= 5.61dBi

6G UNII-6 G1= 5.3 dBi ; G2= 5.9 dBi ;

2T1S DG= 8.62dBi ; 2T2S DG= 5.61dBi

6G UNII-8 G1= 5.3 dBi ; G2= 5.9 dBi ;

2T1S DG= 8.62dBi ; 2T2S DG= 5.61dBi

<Radio 2>

5G

Ant. 1

5G UNII-1 G1= 3.1 dBi ; G2= 3.8 dBi ;

2T1S DG= 6.47dBi ; 2T2S DG= 3.46dBi

5G UNII-2A G1= 2.87 dBi ; G2= 3.57 dBi ;

2T1S DG= 6.24dBi ; 2T2S DG= 3.23dBi

5G UNII-2C G1= 3.76 dBi ; G2= 4.46 dBi ;

2T1S DG= 7.13dBi ; 2T2S DG= 4.12dBi

5G UNII-3 G1= 3.76 dBi ; G2= 4.46 dBi ;

2T1S DG= 7.13dBi ; 2T2S DG= 4.12dBi

Ant. 2 (Cross-Polarized Antenna)

5G UNII-1 G1= 6.3 dBi ; G2= 7 dBi ;

2T1S DG= 7 dBi ; 2T2S DG= 6.66dBi

5G UNII-2A G1= 6.3 dBi ; G2= 7 dBi ;

2T1S DG= 7 dBi ; 2T2S DG= 6.66dBi

5G UNII-2C G1= 6.3 dBi ; G2= 7 dBi ;

2T1S DG= 7 dBi ; 2T2S DG= 6.66dBi

5G UNII-3 G1= 6.3 dBi ; G2= 7 dBi ;

2T1S DG= 7 dBi ; 2T2S DG= 6.66dBi

Ant. 4 (Cross-Polarized Antenna)

5G UNII-1 G1= 13.8 dBi ; G2= 14.5 dBi ;

DG= 17.17dBi ; 2T2S DG= 14.16dBi

5G UNII-2A G1= 13.8 dBi ; G2= 14.5 dBi ;

DG= 17.17dBi ; 2T2S DG= 14.16dBi

5G UNII-2C G1= 13.8 dBi ; G2= 14.5 dBi ;

DG= 17.17dBi ; 2T2S DG= 14.16dBi

5G UNII-3 G1= 13.8 dBi ; G2= 14.5 dBi ;

DG= 17.17dBi ; 2T2S DG= 14.16dBi

**For Radio 1:****2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (1, 2TX/2RX)**

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

5GHz IEEE 802.11a/n/ac/ax/be mode (1, 2TX/2RX)

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

6GHz IEEE 802.11ax/be mode (1, 2TX/2RX)

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:**5GHz IEEE 802.11a/n/ac/ax/be mode (1, 2TX/2RX)**

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3:**Bluetooth, IEEE 802.15.4 mode (1TX/1RX)**

The EUT supports all antennas with TX/RX diversity functions.

At once time there is only one antenna port can transmitting/receiving RF signal

**1.1.3 Mode Test Duty Cycle****For Radio 1****For Ant. 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.929	0.32	8.45m	300
802.11g_Nss 1,(6D)	0.577	2.39	150u	10k
802.11be EHT20_Nss 1,(M0)	0.932	0.31	687.5u	3k
802.11be EHT20_Nss 2,(M0)	0.932	0.31	662.5u	3k
802.11be EHT20-BF_Nss 1,(M0)	0.932	0.31	687.5u	3k

For Ant. 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.928	0.32	8.419m	200
802.11g_Nss 1,(6D)	0.534	2.72	128.75u	10k
802.11be EHT20_Nss 1,(M0)	0.902	0.45	322.5u	5k
802.11be EHT20_Nss 2,(M0)	0.902	0.45	322.5u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.902	0.45	322.5u	5k

For Ant. 4

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.928	0.32	8.422m	200
802.11g_Nss 1,(6D)	0.545	2.64	131.25u	10k
802.11be EHT20_Nss 1,(M0)	0.91	0.41	325u	5k
802.11be EHT20_Nss 2,(M0)	0.907	0.42	315.625u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.91	0.41	325u	5k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

**1.1.4 EUT Operational Condition**

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for Radio 1 (n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz) and Radio 2 (n/ac/ax/be n/ac/ax/be in 5GHz).			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Mtool 3.3.0.9			

Note: The above information was declared by manufacturer.

1.1.5 Table for Radio Function

Function Radio (R)	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	IEEE 802.15.4
1	V	V (UNII 1~2A)	V	-	-
2	-	V (UNII 1~3 or UNII 2C~3)	-	-	-
3	-	-	-	V	V

Note 1: For WLAN 5GHz: The Radio1 and Radio 2 can't operate at the same frequency simultaneously.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Support Function

Type of Function	WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz
		Radio 1	Radio 2	
AP	V	V (UNII 1~2A)	V (UNII 1~3)	V
Bridge	V	V (UNII 1)	V (UNII 1/UNII3)	V
Mesh	V	V (UNII 1)	V (UNII 1/UNII3)	V

Note 1: For above table list, only AP mode was tested and recorded in this test.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.247
- ♦ ANSI C63.10-2020

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Lee	21.7~22.3 / 61~62	Jul. 06, 2026~ Aug. 20, 2026
Radiated below 1GHz	03CH01-CB	Sean Ku	24.3~24.5 / 67~69	Jun. 23, 2026~ Aug. 26, 2026
	03CH05-CB	Lex Lee	24.2~24.9 / 62~67	
Radiated above 1GHz (for Ant. 1)	03CH03-CB	George Fan	23.8~24.8 / 57~66	
Radiated above 1GHz (for Ant. 2)	03CH02-CB	Paul Hu	23.9~24.7 / 59~61	
Radiated above 1GHz (for Ant. 4)	03CH02-CB	Paul Hu	23.5~24.5 / 63~64	
Radiated (Co-location: Ant. 1)	03CH03-CB	George Fan	24.0~24.8 / 57~58	
Radiated (Co-location: Ant. 2)	03CH03-CB	George Fan	23.6~23.7 / 57~59	
Radiated (Co-location: Ant. 4)	03CH03-CB	George Fan	24.8~25.0 / 68~69	
AC Conduction	CO01-CB	Joe Chu	22~23 / 55~56	Aug. 13, 2026



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Radio 1

For Ant. 1

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_1TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss2,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
2437MHz
2462MHz

**For Ant. 2**

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_1TX
2412MHz
2437MHz
2462MHz
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss2,(MCS0)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
2437MHz
2462MHz

**For Ant. 4**

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_1TX
2412MHz
2437MHz
2462MHz
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss2,(MCS0)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
2437MHz
2462MHz

Note:

- ♦ EHT20 covers HT20 / VHT20 / HEW20 due to similar modulation. The power setting for HT20 / VHT20 / HEW20 is the same or lower than EHT20.
- ♦ The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT (Ant. 4 in Y axis)+R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 7)+PoE
2	EUT (Ant. 4 in Y axis)+R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 8)+PoE
3	EUT (Ant. 4 in Y axis)+R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 9)+PoE
Mode 1 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT (Ant. 4 in Y axis)+R1 (6GHz full)+R2 (5GHz full)+R3 (BT_Ant. 7)+PoE
5	EUT (Ant. 4 in Y axis)+R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (BT_Ant. 7)+PoE
Mode 1 has been evaluated to be the worst case between Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	EUT (Ant. 4 in Y axis)+R1 (2.4GHz)+R2 (5GHz full)+R3 (IEEE 802.15.4_Ant. 7)+PoE
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
1	EUT+Ant. 1
2	EUT+Ant. 2
3	EUT+Ant. 4



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. After evaluating, and the worst case axis was found as below for radiated above 1GHz test. So the measurement will follow this same test configuration. 2. For Radio 3: The EUT supports all antennas with TX/RX diversity functions. At once time there is only one antenna port can transmitting/receiving RF signal. The Ant. 8 generated the worst case for radiated above 1GHz test, so it was selected for testing.
1	EUT in Z axis_R1 (2.4GHz)+Ant. 1 in Y axis+PoE
2	EUT in Y axis_R1 (2.4GHz)+Ant. 2 in Y axis +PoE
3	EUT in Y axis_R1 (2.4GHz)+Ant. 4 in Y axis +PoE
4	EUT in Z axis_R1 (5GHz)+Ant. 5、6 in Y axis+PoE
5	EUT in Z axis_R1 (6GHz)+Ant. 5、6 in Y axis+PoE
6	EUT in Y axis_R2 (5GHz)+Ant. 1 in Y axis +PoE
7	EUT in Y axis_R2 (5GHz)+Ant. 2 in Y axis +PoE
8	EUT in Z axis_R2 (5GHz)+Ant. 4 in Y axis +PoE
9	EUT in Y axis_R3 (BT_Ant. 8)+PoE
10	EUT in Y axis_R3 (IEEE 802.15.4_Ant. 8)+PoE
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, and the worst case axis was found as below. So the measurement will follow this same test configuration.
1	EUT in Z axis_R1+Ant. 1 in Z axis for bandedge / EUT in Y axis+Ant. 2 in Y axis for harmonic
2	EUT in Z axis_R1+Ant. 2 in Y axis for bandedge / EUT in Y axis+Ant. 2 in Y axis for harmonic
3	EUT in Y axis_R1+Ant. 4 in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	After evaluating, and the worst case axis was found as below. So the measurement will follow this same test configuration.
1	EUT in Y axis_R1: 2.4GHz+R2: 5GHz + Ant.1 in Y axis
2	EUT in Y axis_R1: 2.4GHz+R2: 5GHz + Ant.2 in Y axis
3	EUT in Y axis_R1: 2.4GHz+R2: 5GHz + Ant.4 in Y axis
For operating mode 3 is the worst case and it was record in this test report.	
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT_R1 (2.4GHz) + R2 (5GHz full) + R3 (BT)
2	EUT_R1 (2.4GHz) + R2 (5GHz full) + R3 (IEEE 802.15.4)
3	EUT_R1 (6GHz full) + R2 (5GHz full) + R3 (BT)
4	EUT_R1 (6GHz full) + R2 (5GHz full) + R3 (IEEE 802.15.4)
5	EUT_R1 (5GHz UNII 1~2A) + R2 (5GHz UNII 2C~3) + R3 (BT)
6	EUT_R1 (5GHz UNII 1~2A) + R2 (5GHz UNII 2C~3) + R3 (IEEE 802.15.4)
Refer to Sporton Test Report No.: FA631826 for Co-location RF Exposure Evaluation.	

Note1: R means Radio ; BT means Bluetooth.

Note2: The PoE is used for testing purpose; it will not be sold with the EUT

Power	Brand Name	Model Name
PoE 1	PHIHONG	POE60U-BTA
PoE 2	Microsemi	PD-9001GR/AT/AC



2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket*1
Cap*1
Wall-mounted rack 1*1 (for Ant. 2 use only)
Wall-mounted rack 2*1 (for Ant. 4 use only)

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 1	PHIHONG	POE60U-BTA	N/A
B	PC	ASUS	S300TA	TX2-RTL8821CE
C	R1(2.4G) NB	Lenovo	X260	N/A
D	R2(5G full) NB	Lenovo	X260	N/A
E	Smart phone	Apple	A2403	BCG-E3544A
F	Flash disk2.0	Tcell	Push	N/A

For Radiated:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 1	PHIHONG	POE60U-BTA	N/A

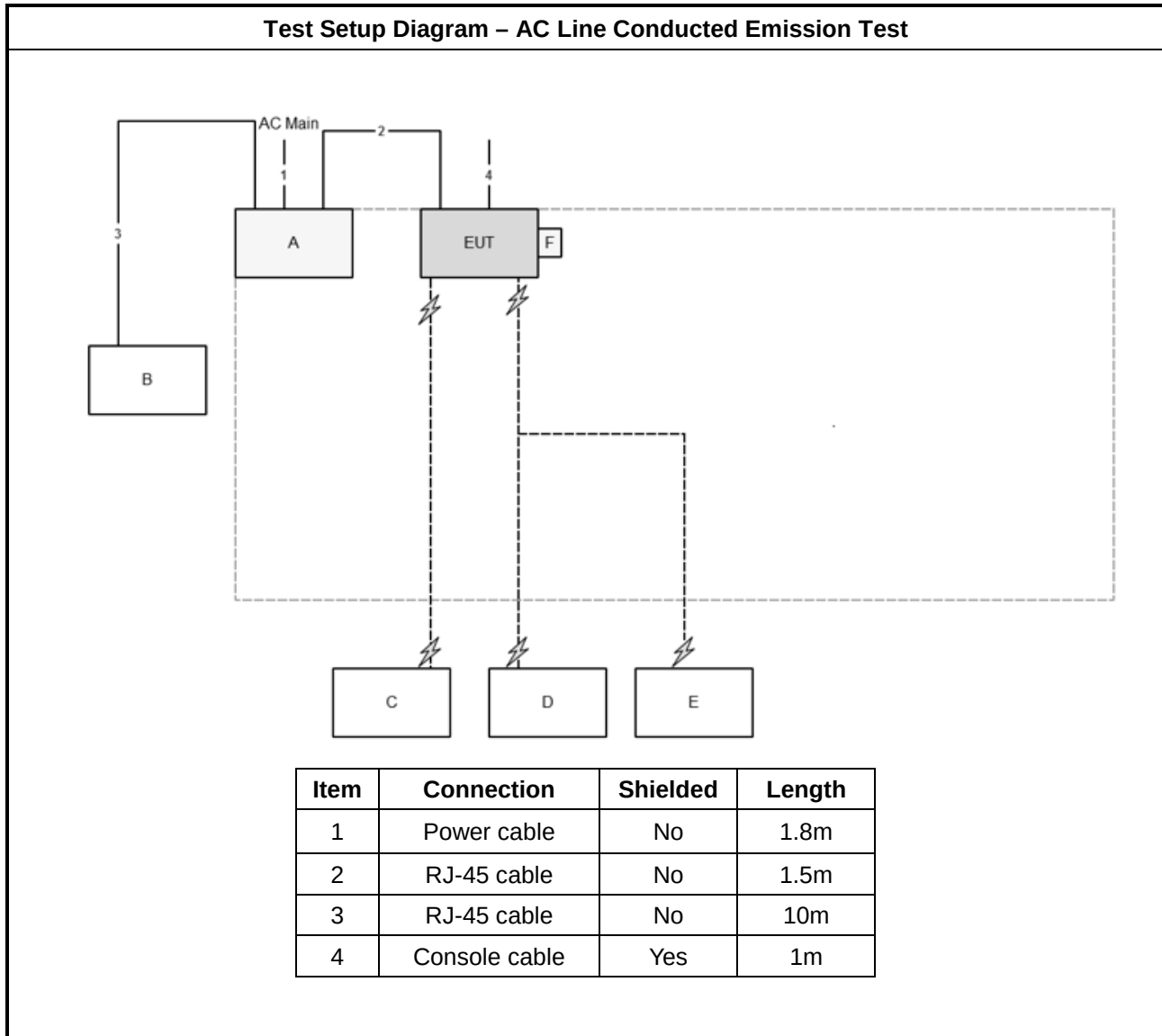
**For RF Conducted:**

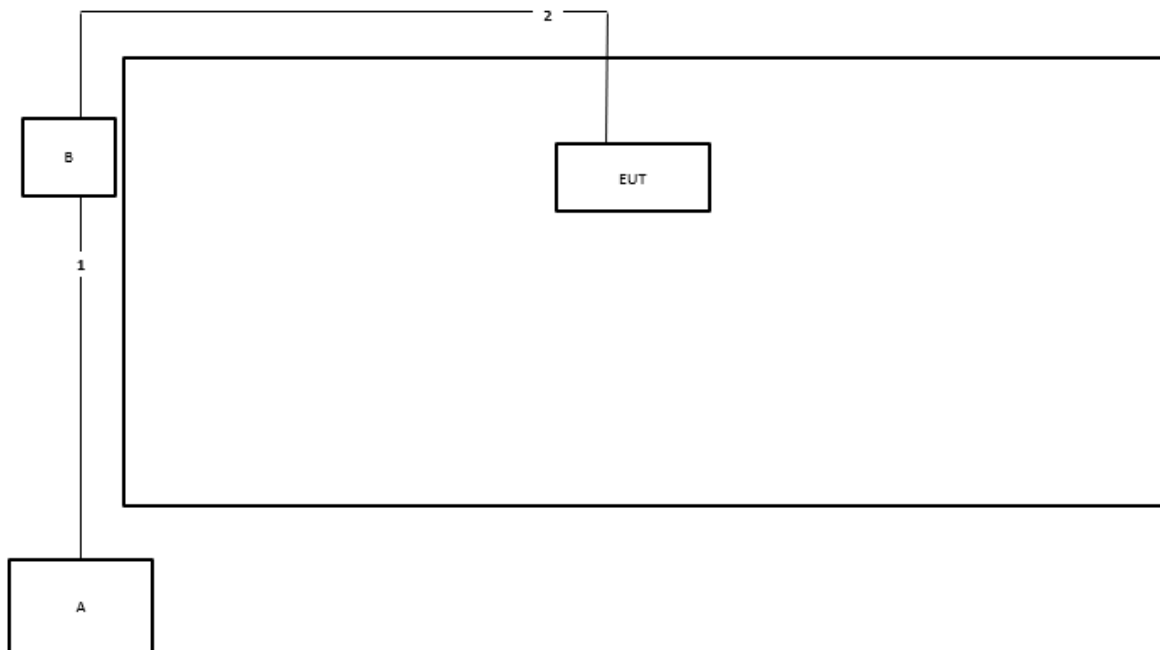
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E6230	N/A
B	PoE 2	Microsemi	PD-9001GR/AT/AC	N/A

For Radiated (Co-location):

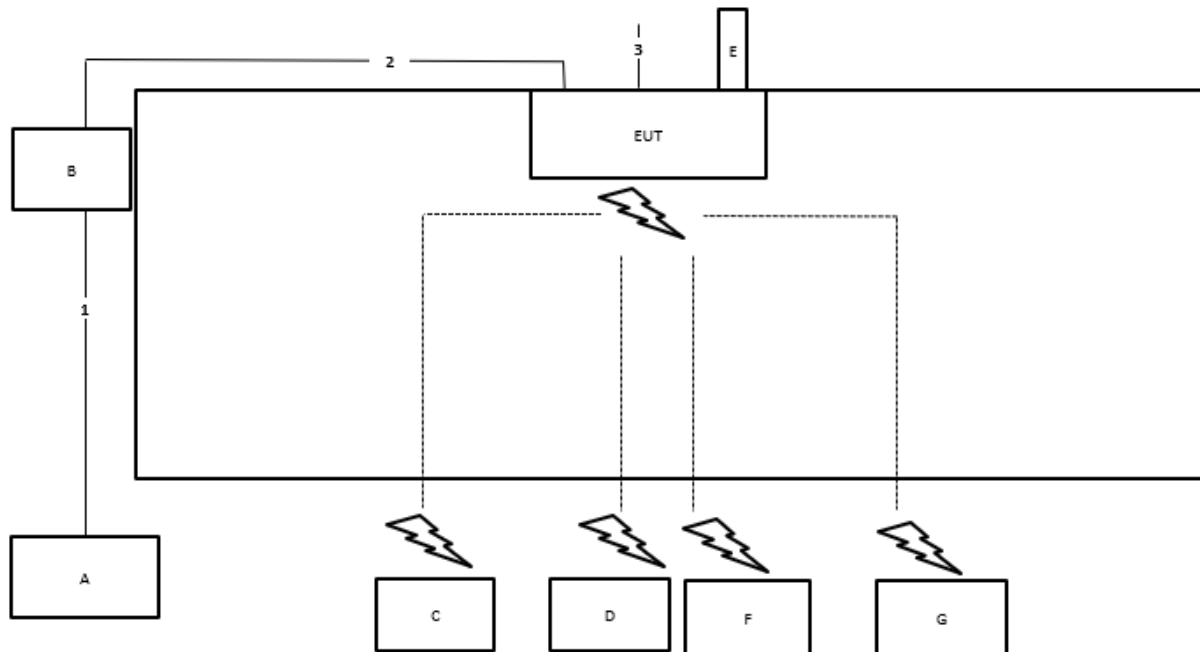
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PC	DELL	T3400	N/A
B	PoE 2	Microsemi	PD-9501-10GC/AC	N/A
C	GPS Simulator	WELNAVIGATE	GS-100	N/A
D	iPhone 12	Apple	A2403	BCG-E3544A
E	Flash disk	Silicon Power	I-Series	N/A
F	NB(2.4G WIFI)	DELL	E4300	N/A
G	NB(5G WIFI)	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test


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

Test Setup Diagram - Radiated Test (Co-location)


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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

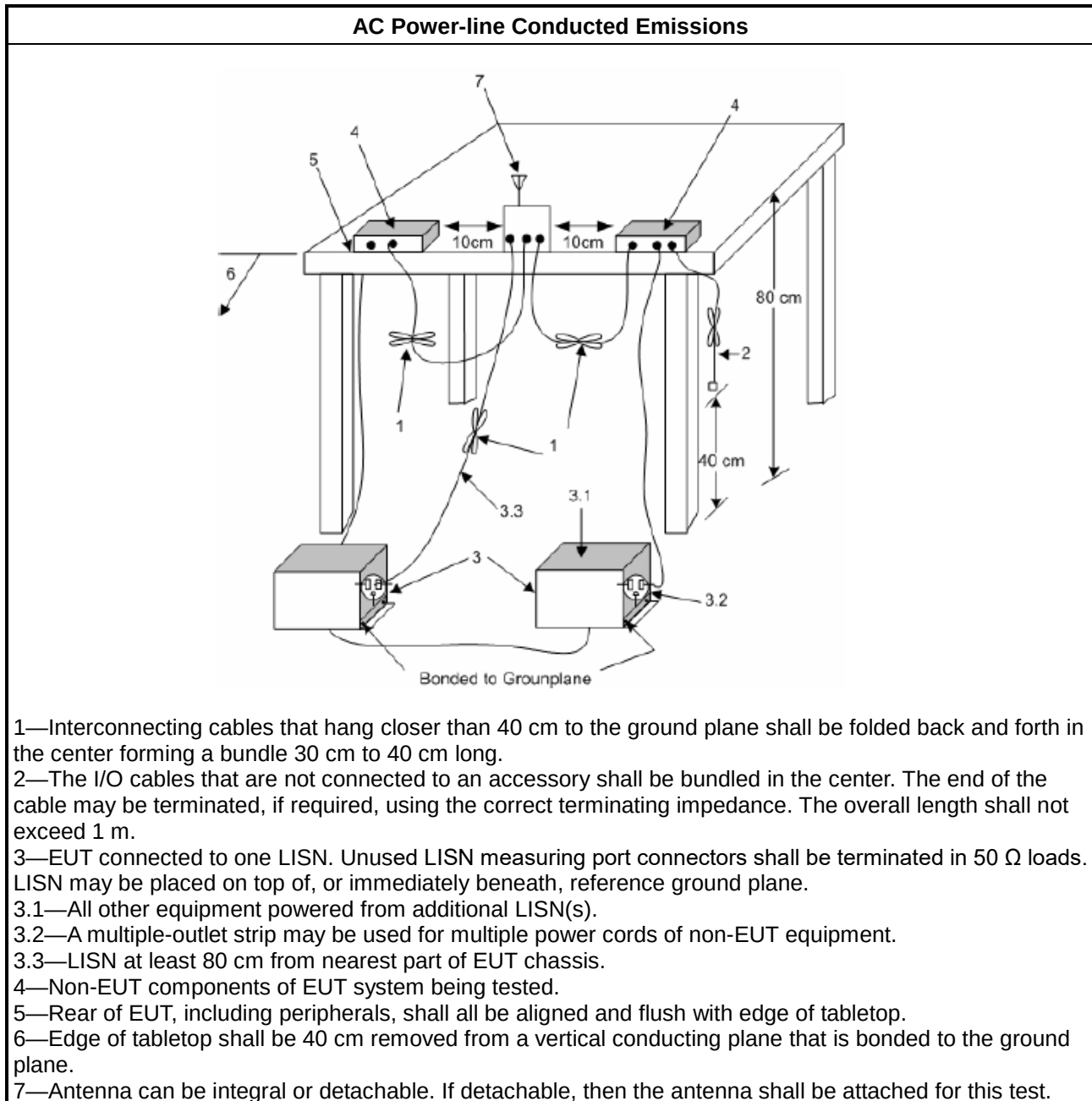
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
6 dB bandwidth $\geq$ 500 kHz.

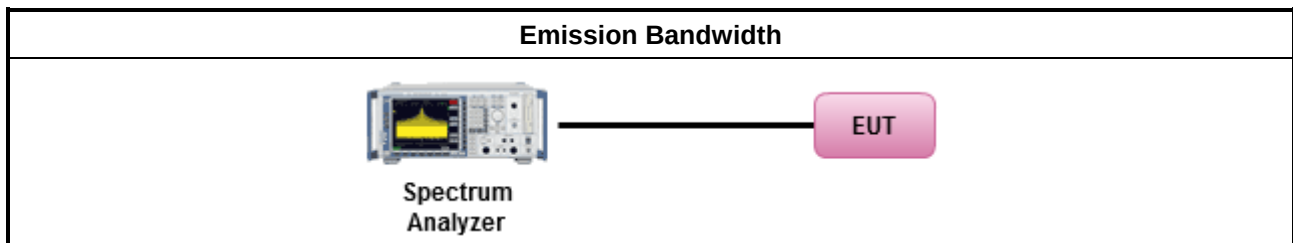
3.2.2 Measuring Instruments

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:
☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

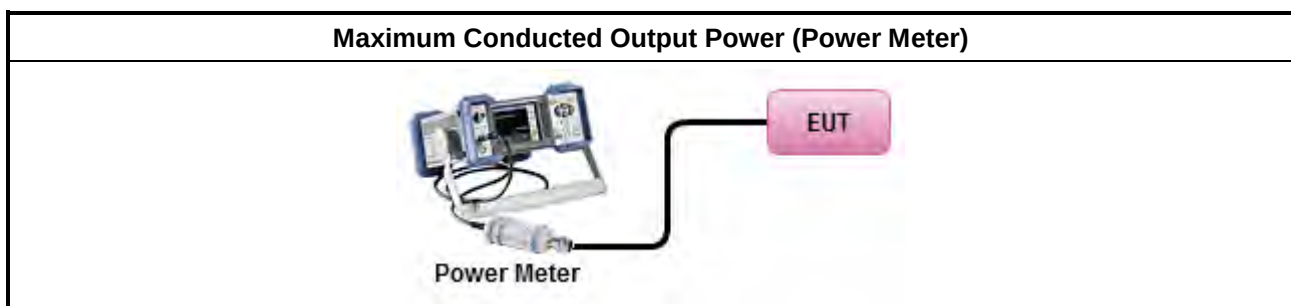
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (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	
▪	Power Spectral Density (PSD) ≤ 8 dBm/3kHz

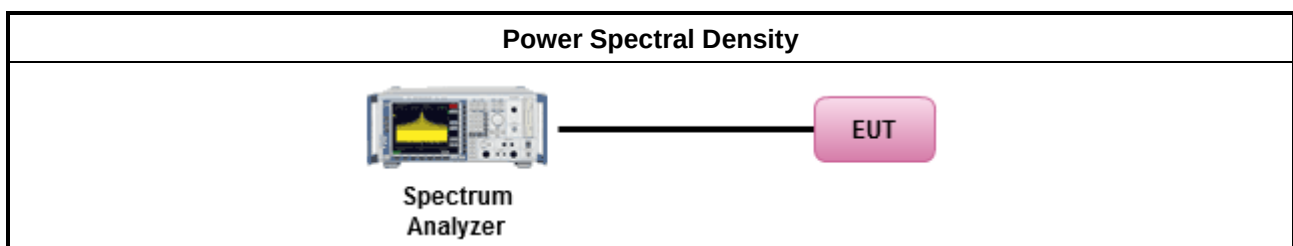
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup





3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

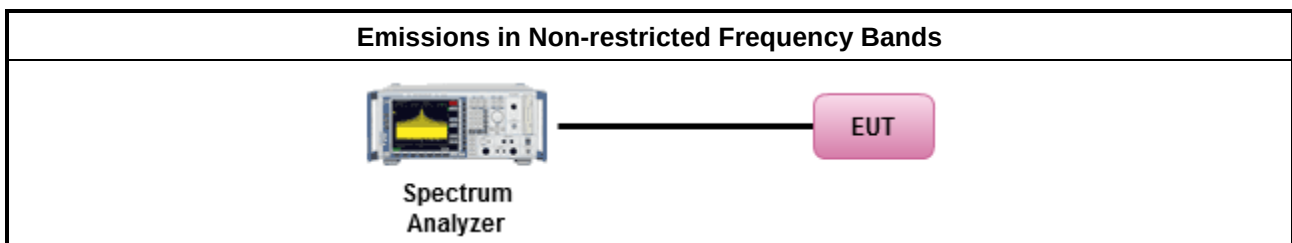
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

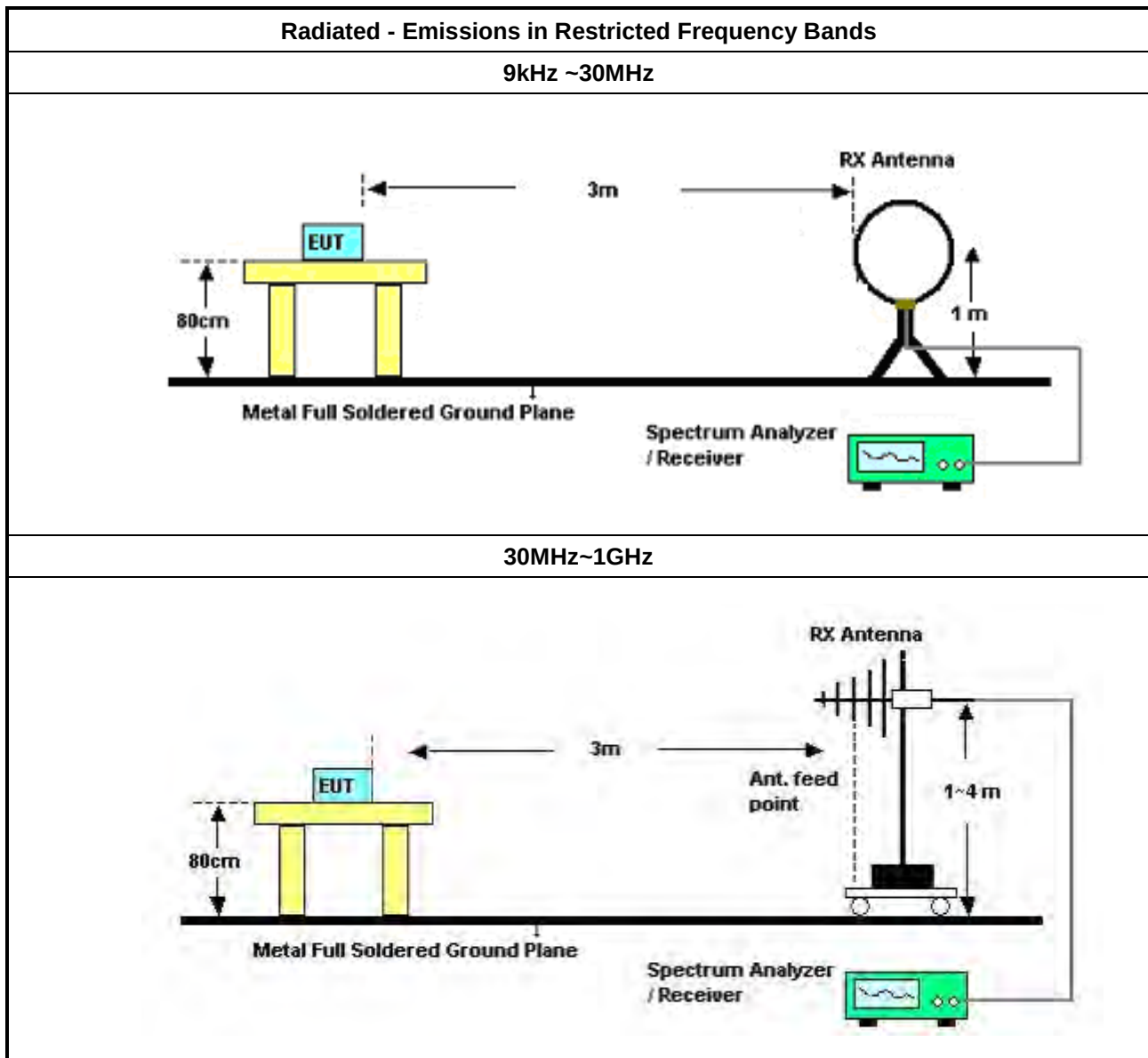
Refer a test equipment and calibration data table in this test report.

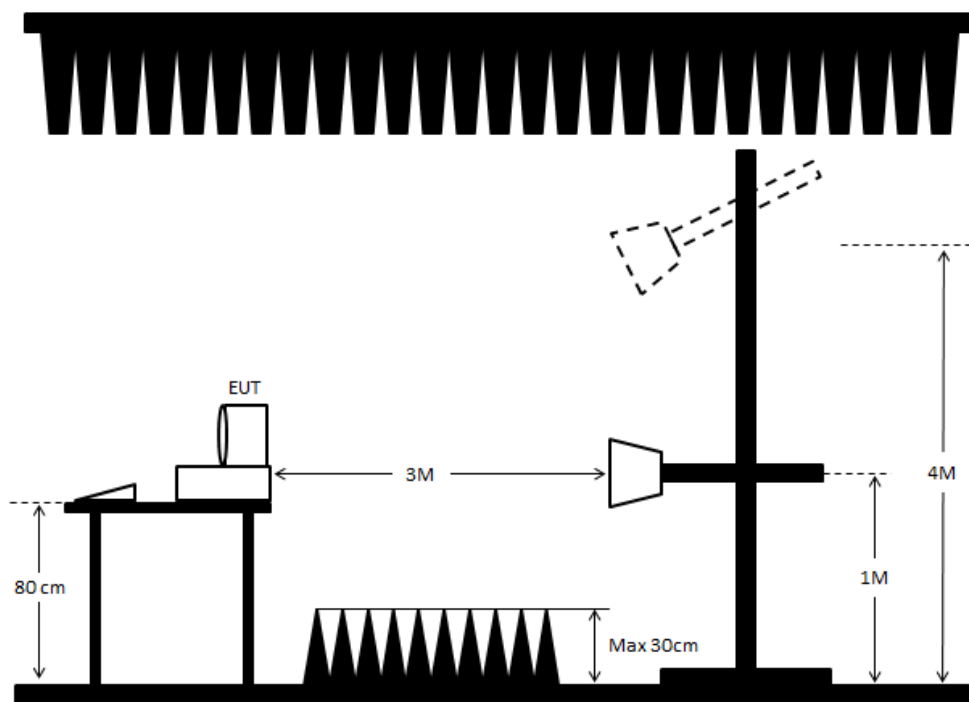
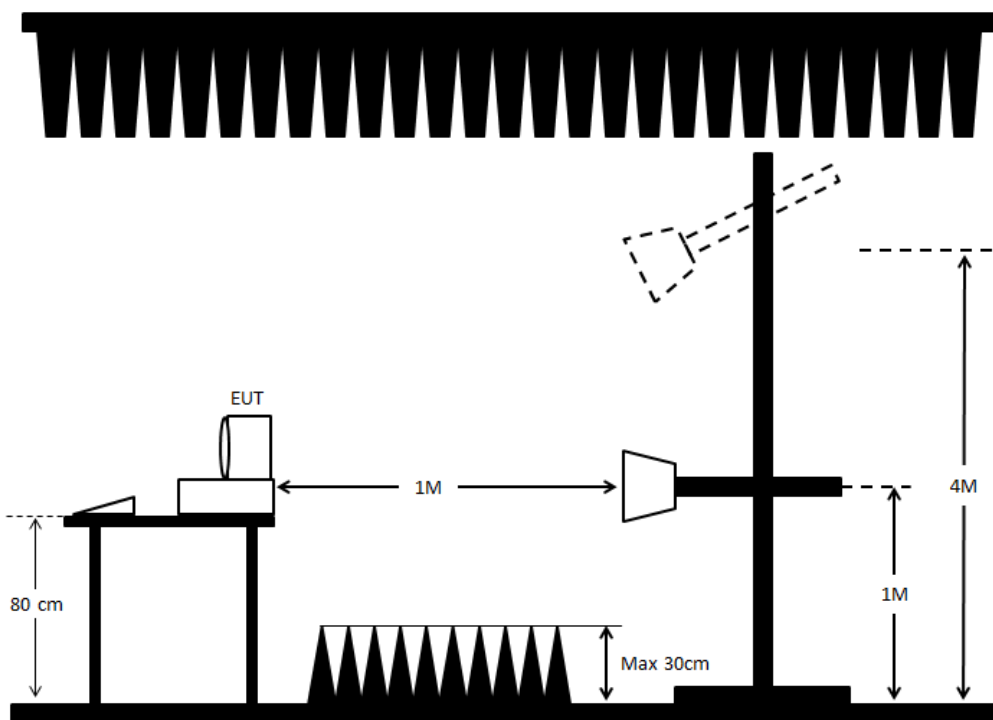


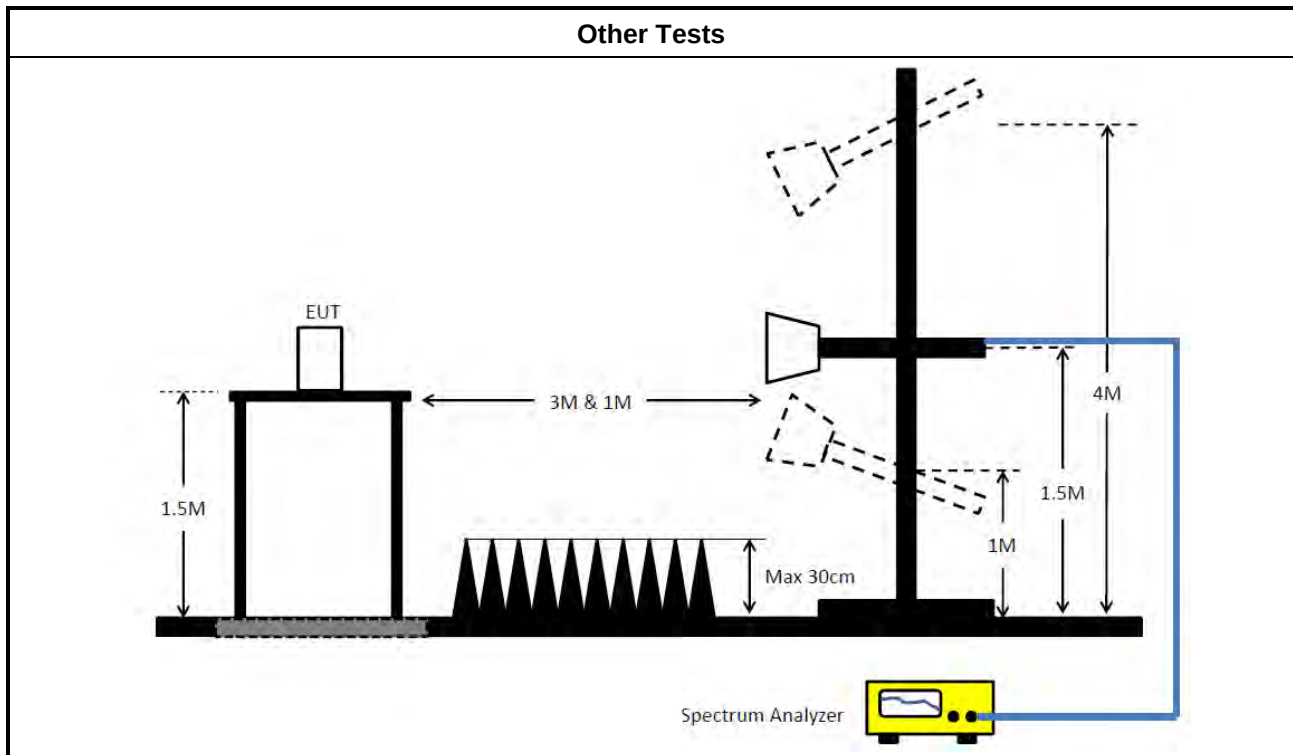
3.6.3 Test Procedures

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

3.6.4 Test Setup



Above 1GHz
Co-location
1,000~18,000 MHz

18,000~40,000 MHz




3.6.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 12, 2026	Mar. 11, 2027	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 04, 2026	Feb. 03, 2027	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 10, 2026	Apr. 09, 2027	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 15, 2026	Jan. 14, 2027	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 20, 2026	Jun. 19, 2027	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30 MHz ~ 1 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Jul. 31, 2025	Jul. 30, 2026	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Jul. 30, 2026	Jul. 29, 2027	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 30, 2026	Apr. 29, 2027	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	May 08, 2026	May 07, 2027	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Jun. 04, 2026	Jun. 03, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 01, 2026	Apr. 30, 2027	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 06, 2026	Feb. 05, 2027	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 21, 2026	Jul. 20, 2027	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 30, 2026	Jun. 29, 2027	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



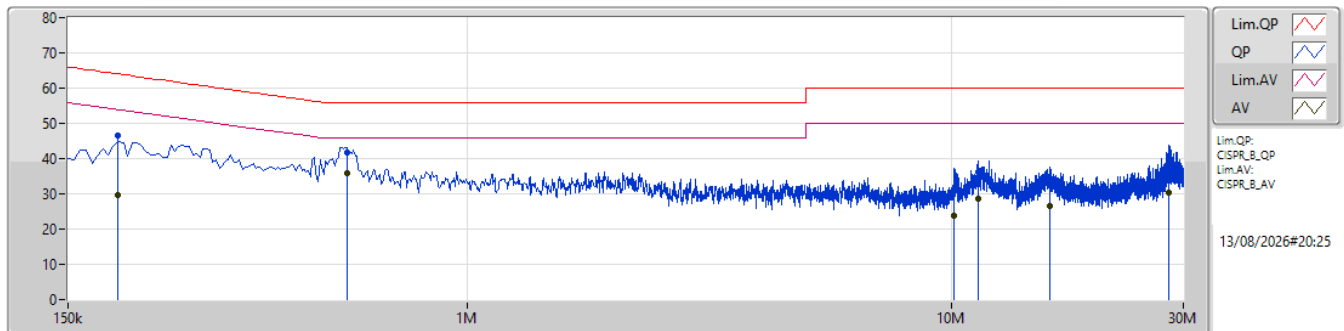
Conducted Emissions at Powerline

Appendix A

Summary

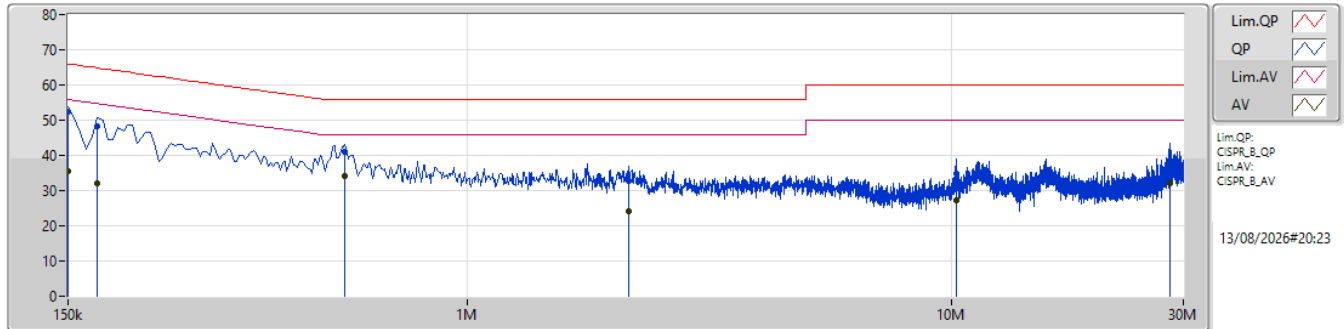
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	564k	35.78	46.00	-10.22	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	190.5k	46.54	64.01	-17.47	9.93	Line	-	36.61	0.08	0.07	9.78						
AV	190.5k	29.72	54.01	-24.29	9.93	Line	-	19.79	0.08	0.07	9.78						
QP	564k	41.79	56.00	-14.21	10.12	Line	-	31.67	0.09	0.13	9.90						
AV	564k	35.78	46.00	-10.22	10.12	Line	"Worst"	25.66	0.09	0.13	9.90						
QP	10.109M	31.28	60.00	-28.72	10.63	Line	-	20.65	0.24	0.27	10.12						
AV	10.109M	23.75	50.00	-26.25	10.63	Line	-	13.12	0.24	0.27	10.12						
QP	11.351M	36.23	60.00	-23.77	10.73	Line	-	25.50	0.25	0.30	10.18						
AV	11.351M	28.67	50.00	-21.33	10.73	Line	-	17.94	0.25	0.30	10.18						
QP	15.932M	33.62	60.00	-26.38	10.98	Line	-	22.64	0.27	0.36	10.35						
AV	15.932M	26.62	50.00	-23.38	10.98	Line	-	15.64	0.27	0.36	10.35						
QP	28.019M	39.60	60.00	-20.40	11.05	Line	-	28.55	0.33	0.40	10.32						
AV	28.019M	30.46	50.00	-19.54	11.05	Line	-	19.41	0.33	0.40	10.32						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	52.29	66.00	-13.71	10.04	Neutral	-	42.25	0.06	0.10	9.88						
AV	150k	35.47	56.00	-20.53	10.04	Neutral	-	25.43	0.06	0.10	9.88						
QP	172.5k	48.40	64.83	-16.43	9.96	Neutral	-	38.44	0.06	0.08	9.82						
AV	172.5k	32.14	54.83	-22.69	9.96	Neutral	-	22.18	0.06	0.08	9.82						
QP	559.5k	41.05	56.00	-14.95	10.09	Neutral	-	30.96	0.06	0.13	9.90						
AV	559.5k	33.99	46.00	-12.01	10.09	Neutral	"Worst"	23.90	0.06	0.13	9.90						
QP	2.153M	32.92	56.00	-23.08	9.96	Neutral	-	22.96	0.08	0.14	9.74						
AV	2.153M	24.06	46.00	-21.94	9.96	Neutral	-	14.10	0.08	0.14	9.74						
QP	10.221M	34.81	60.00	-25.19	10.60	Neutral	-	24.21	0.21	0.27	10.12						
AV	10.221M	27.40	50.00	-22.60	10.60	Neutral	-	16.80	0.21	0.27	10.12						
QP	28.131M	38.55	60.00	-21.45	11.07	Neutral	-	27.48	0.35	0.40	10.32						
AV	28.131M	32.07	50.00	-17.93	11.07	Neutral	-	21.00	0.35	0.40	10.32						

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	8.525M	13.129M	13M1G1D	6.55M	10.262M
802.11b_Nss1,(1Mbps)_2TX	7.575M	13.189M	13M2G1D	6.075M	10.223M
802.11g_Nss1,(6Mbps)_1TX	16.05M	23.561M	23M6D1D	15.45M	17.205M
802.11g_Nss1,(6Mbps)_2TX	16.325M	19.528M	19M5D1D	15.325M	16.814M
802.11be EHT20_Nss1,(MCS0)_1TX	18.9M	27.038M	27M0D1D	17.35M	19.174M
802.11be EHT20_Nss1,(MCS0)_2TX	18.625M	19.177M	19M2D1D	17.075M	19.054M
802.11be EHT20_Nss2,(MCS0)_2TX	18.425M	23.029M	23M0D1D	17.65M	19.037M

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	8.525M	12.669M		
2437MHz	Pass	500k	6.55M	13.129M		
2462MHz	Pass	500k	7.05M	10.262M		
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.025M	17.205M		
2437MHz	Pass	500k	15.45M	23.561M		
2462MHz	Pass	500k	16.05M	17.265M		
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.35M	19.174M		
2437MHz	Pass	500k	17.825M	27.038M		
2462MHz	Pass	500k	18.9M	19.174M		
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.55M	12.583M	7.125M	10.269M
2437MHz	Pass	500k	6.125M	13.189M	7.525M	12.239M
2462MHz	Pass	500k	6.075M	11.983M	7.575M	10.223M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.937M	16.325M	16.982M
2437MHz	Pass	500k	15.325M	19.528M	15.975M	18.233M
2462MHz	Pass	500k	16.3M	17.017M	15.925M	16.814M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.85M	19.114M	17.1M	19.103M
2437MHz	Pass	500k	17.075M	19.095M	18.3M	19.141M
2462MHz	Pass	500k	18.625M	19.177M	18.375M	19.054M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.425M	19.117M	18.225M	19.052M
2437MHz	Pass	500k	17.65M	23.029M	18M	19.506M
2462MHz	Pass	500k	18.075M	19.162M	18.175M	19.037M

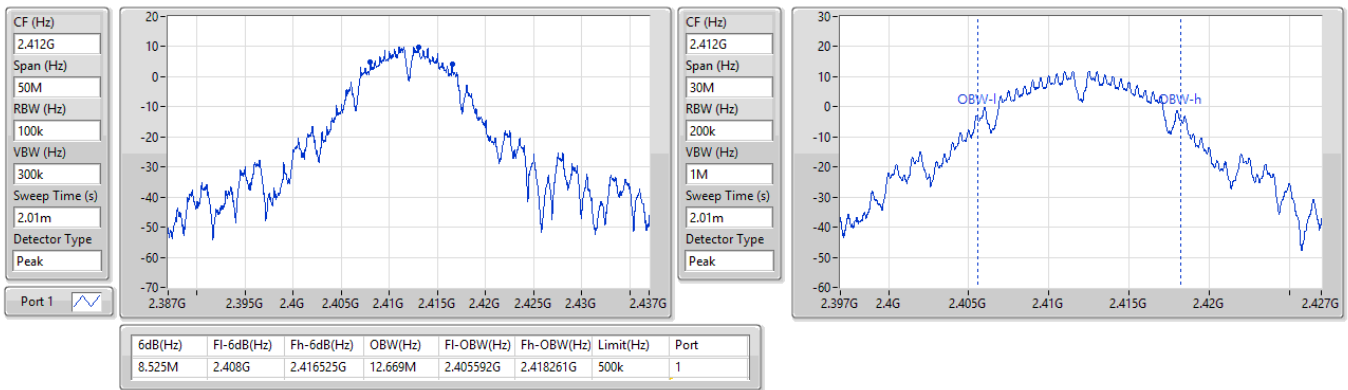
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

06/07/2026

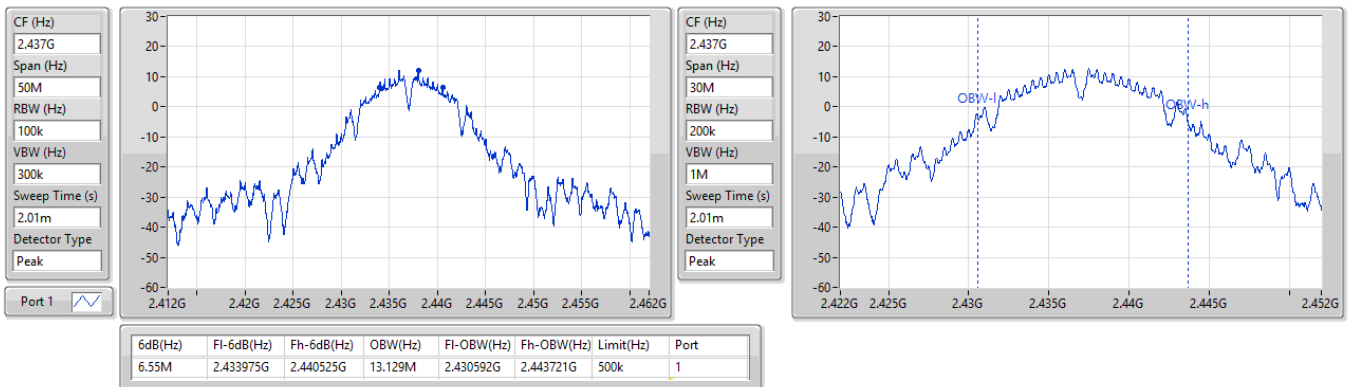


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

06/07/2026

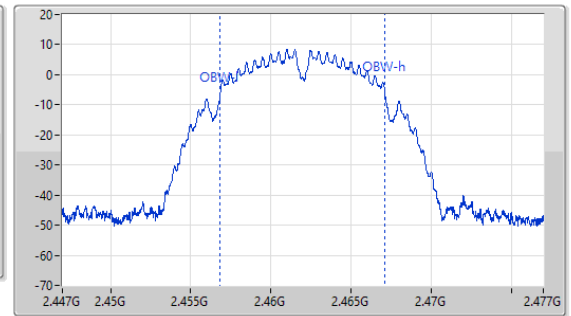
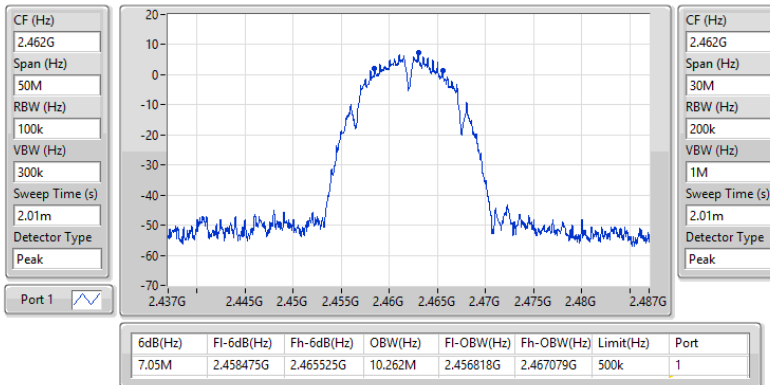


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

06/07/2026

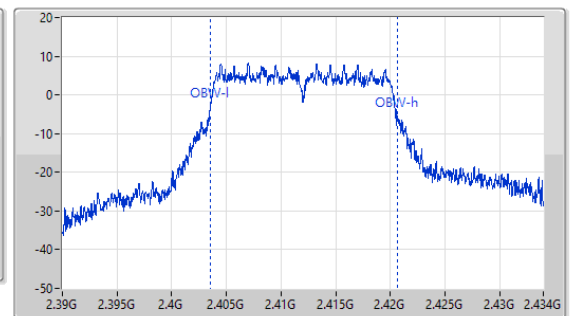
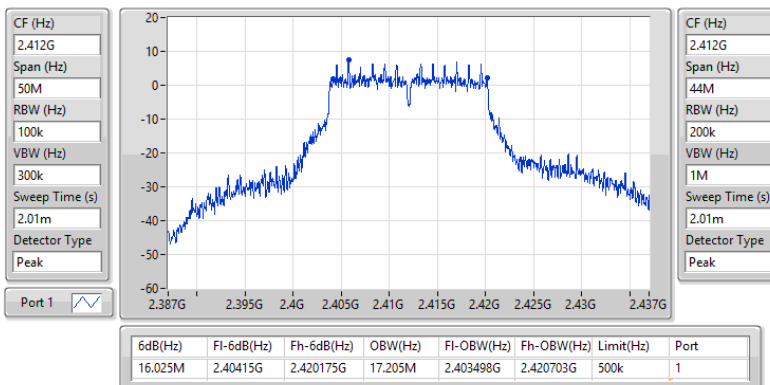


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

06/07/2026

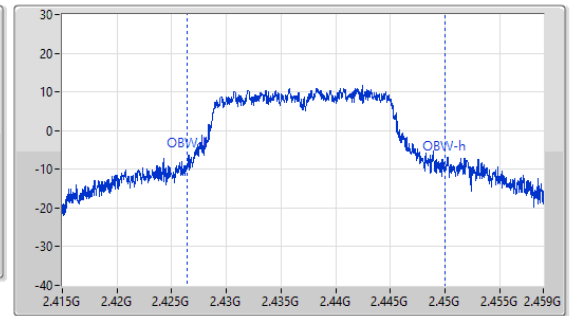
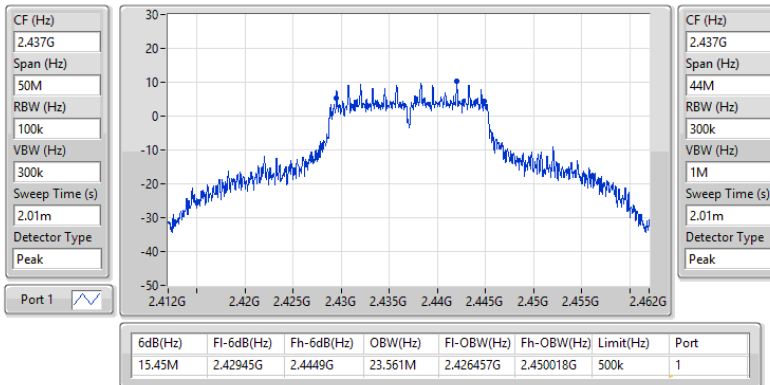


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

06/07/2026

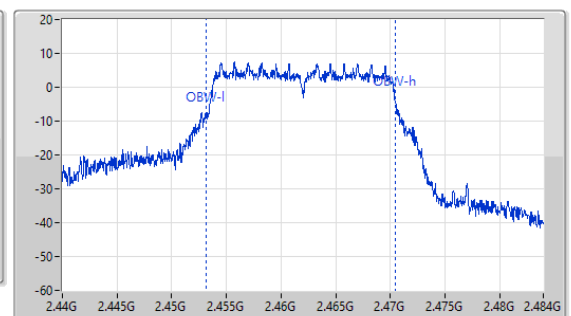
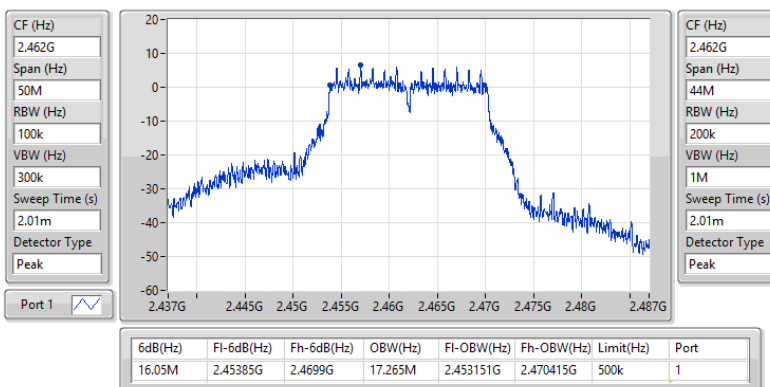


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

06/07/2026

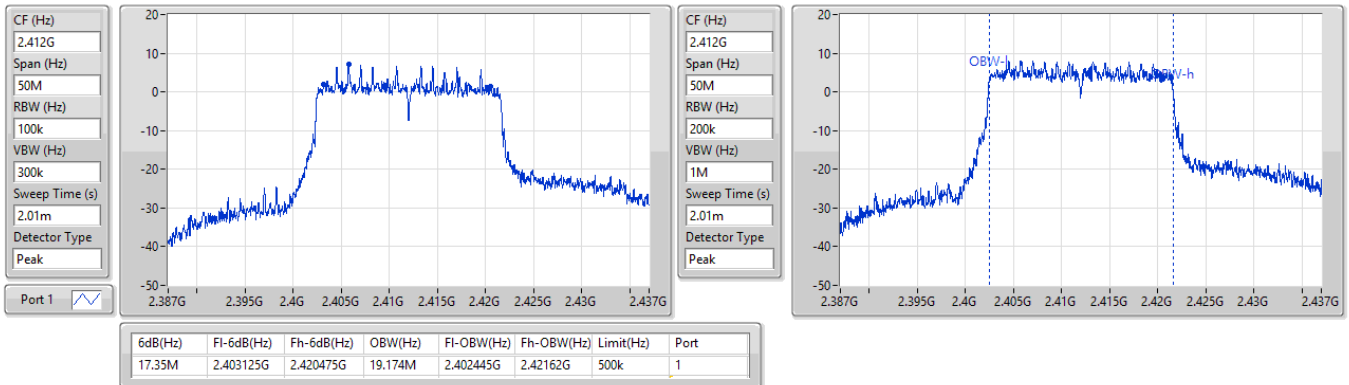


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

2412MHz

06/07/2026

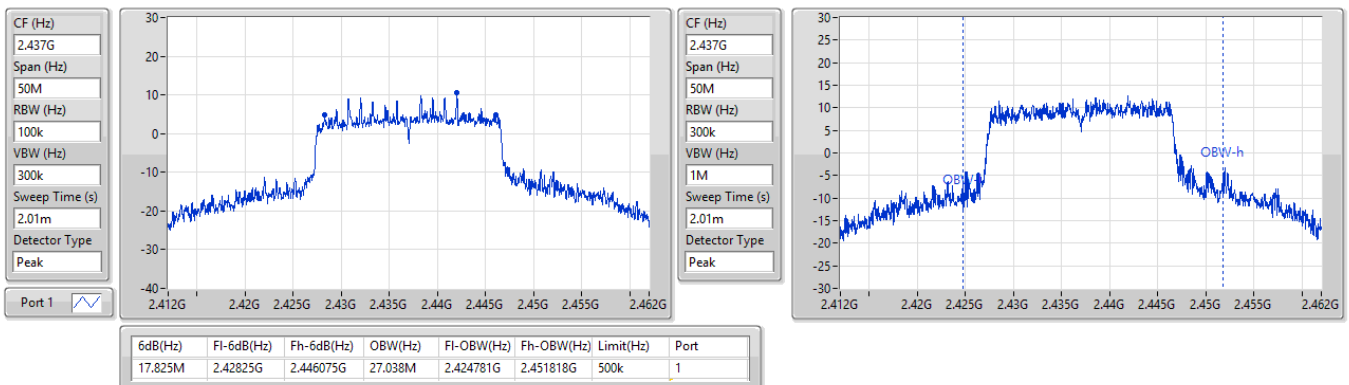


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

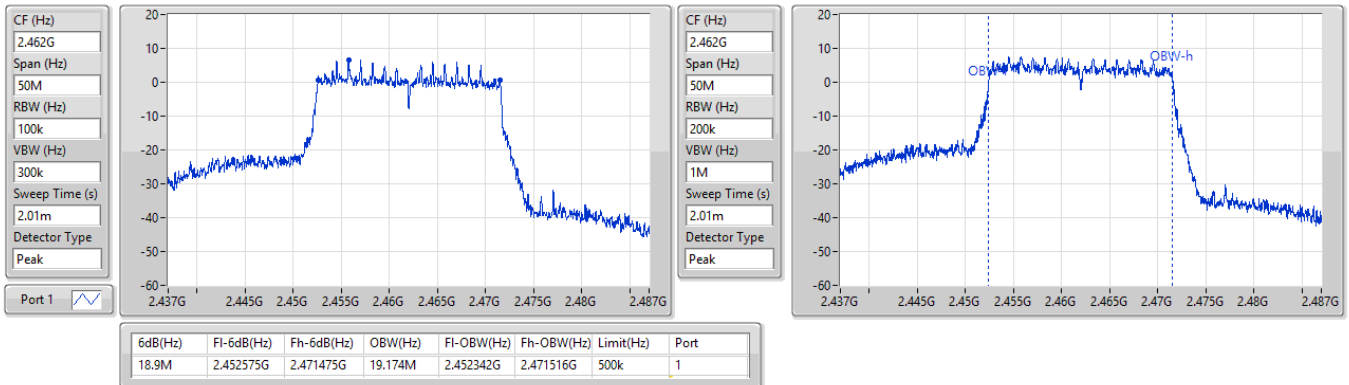
2437MHz

06/07/2026

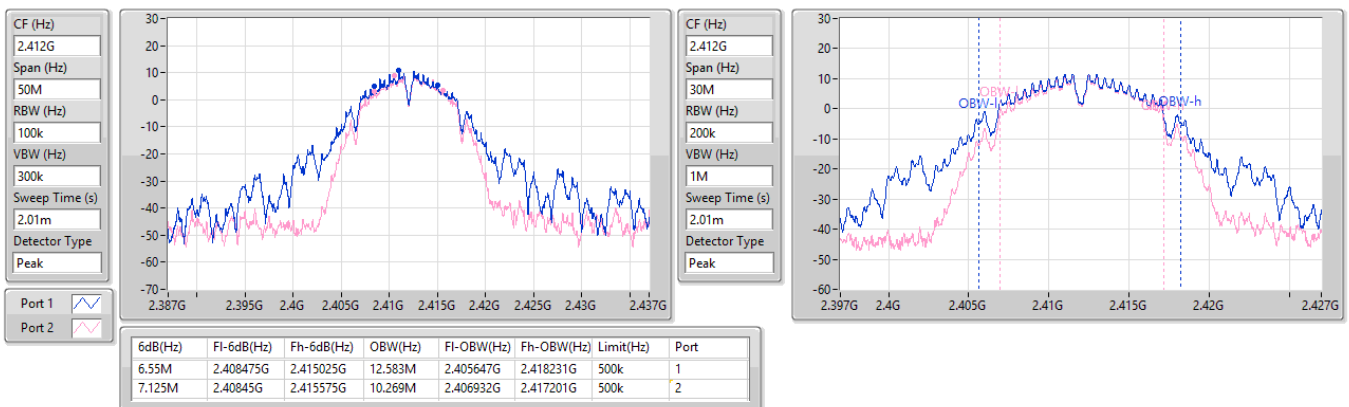


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2462MHz

06/07/2026


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

06/07/2026

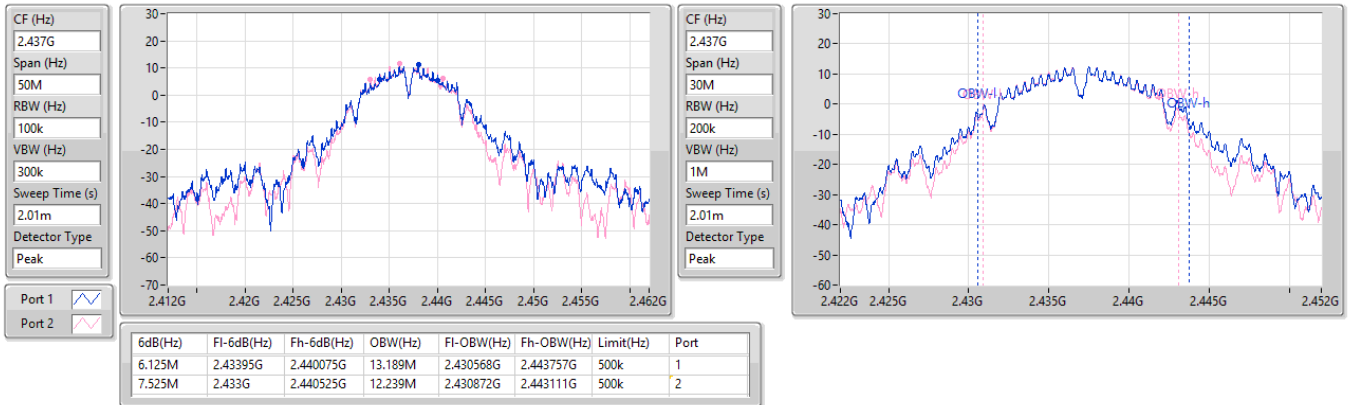


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

06/07/2026

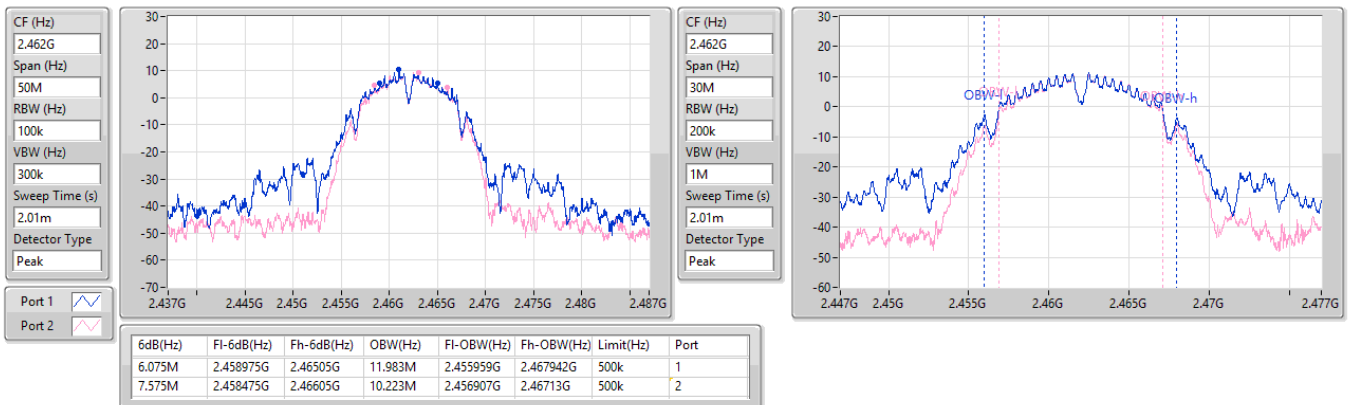


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

06/07/2026

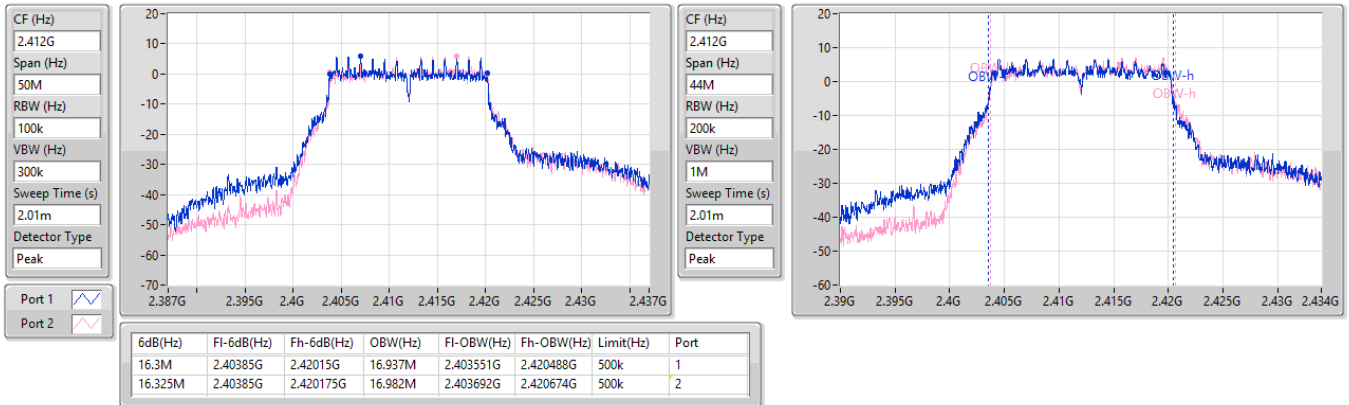


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

06/07/2026

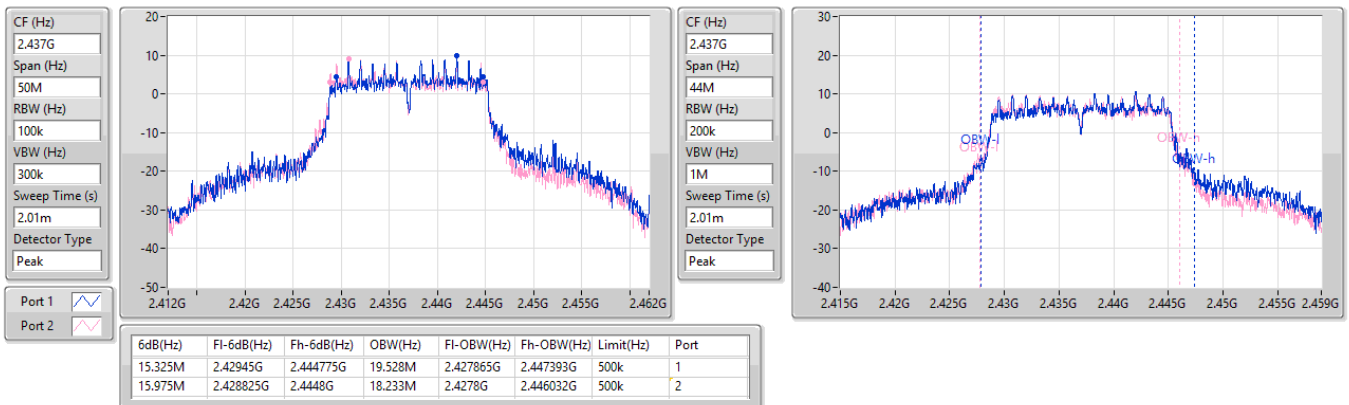


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

06/07/2026

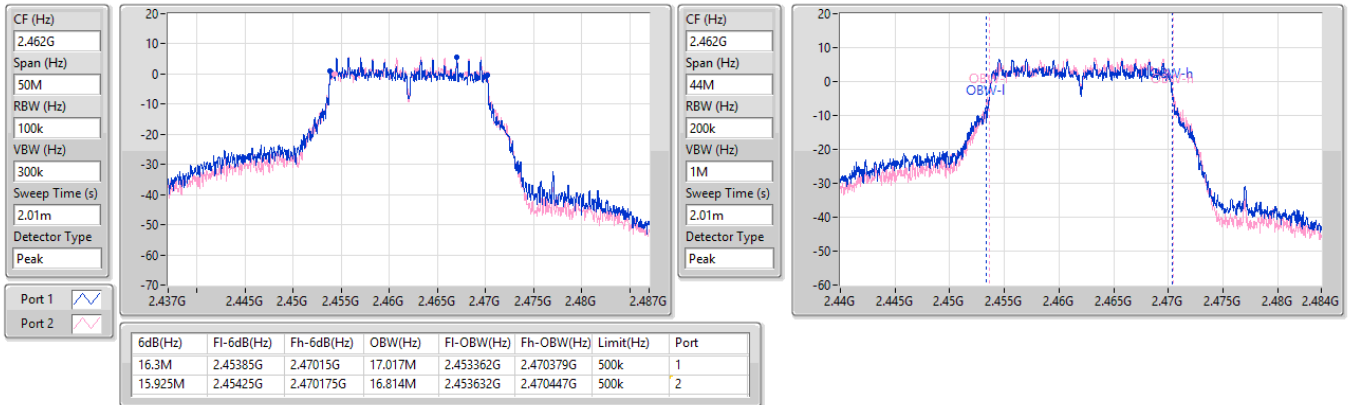


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

06/07/2026

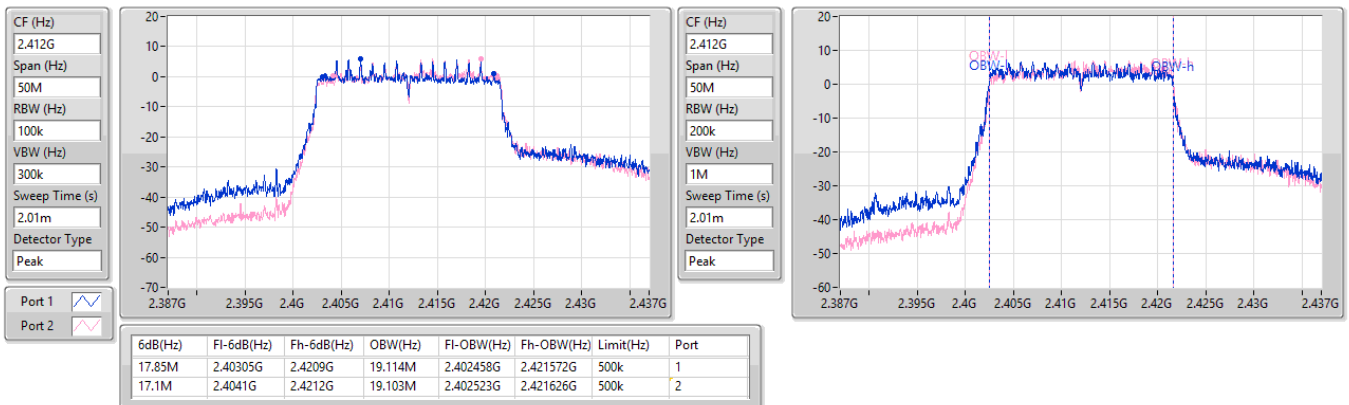


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

06/07/2026

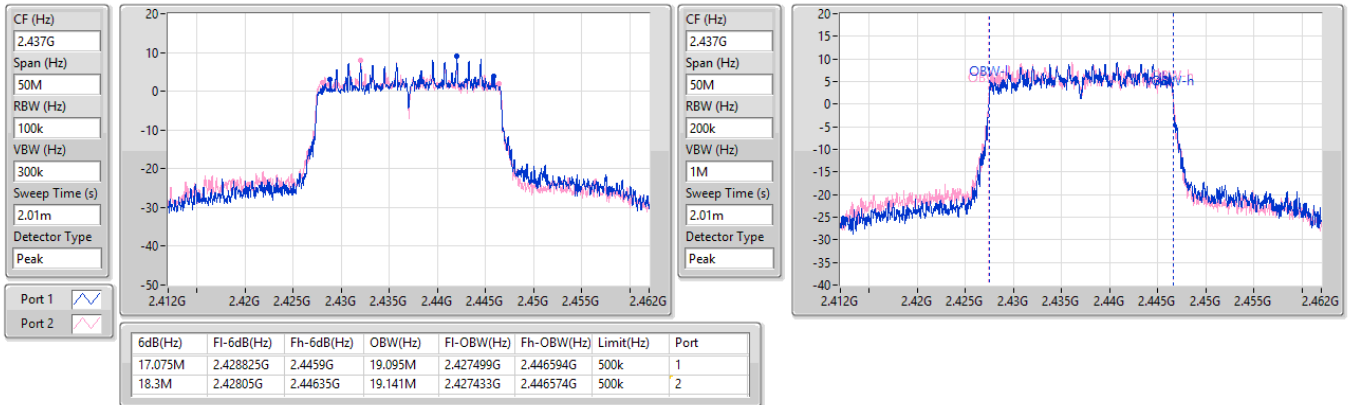


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

06/07/2026

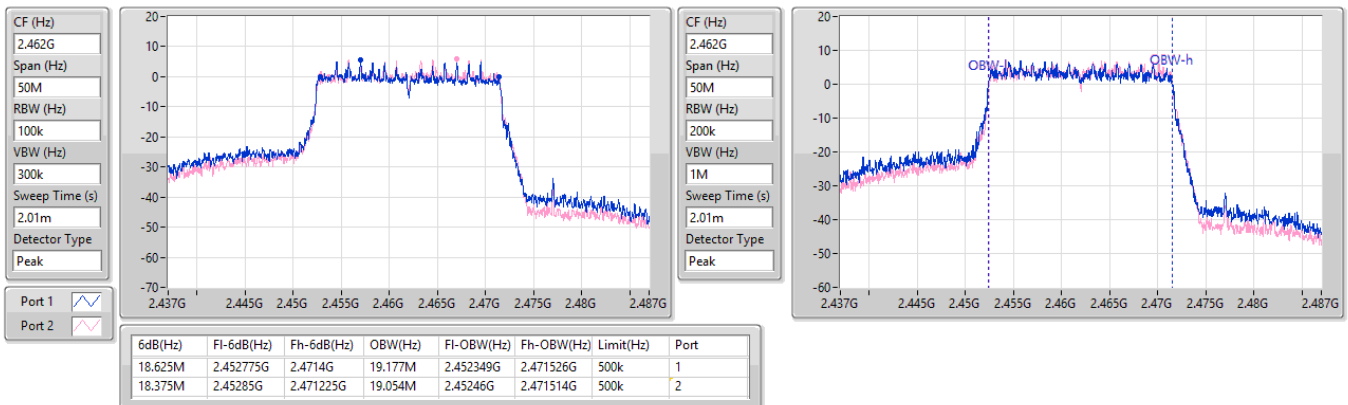


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

06/07/2026

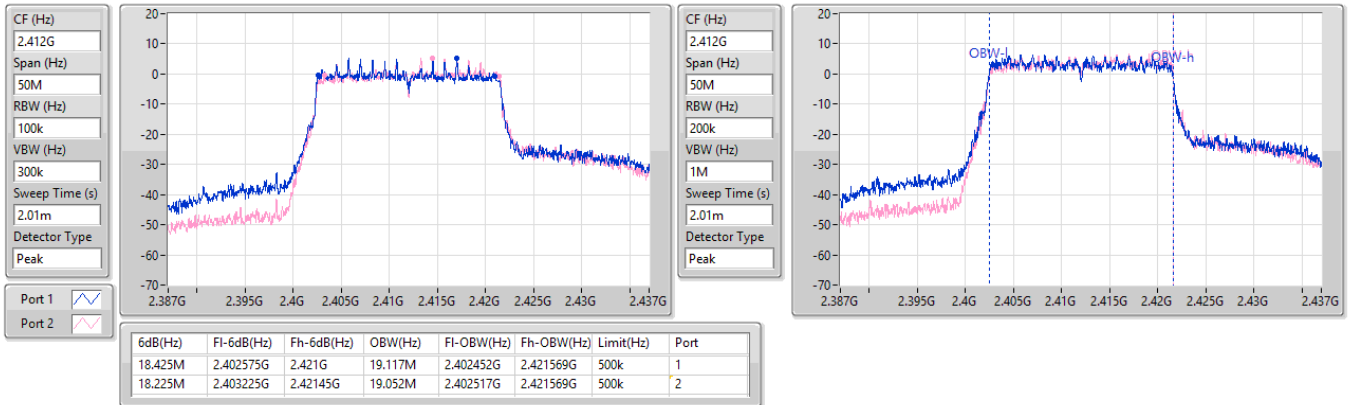


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2412MHz

06/07/2026

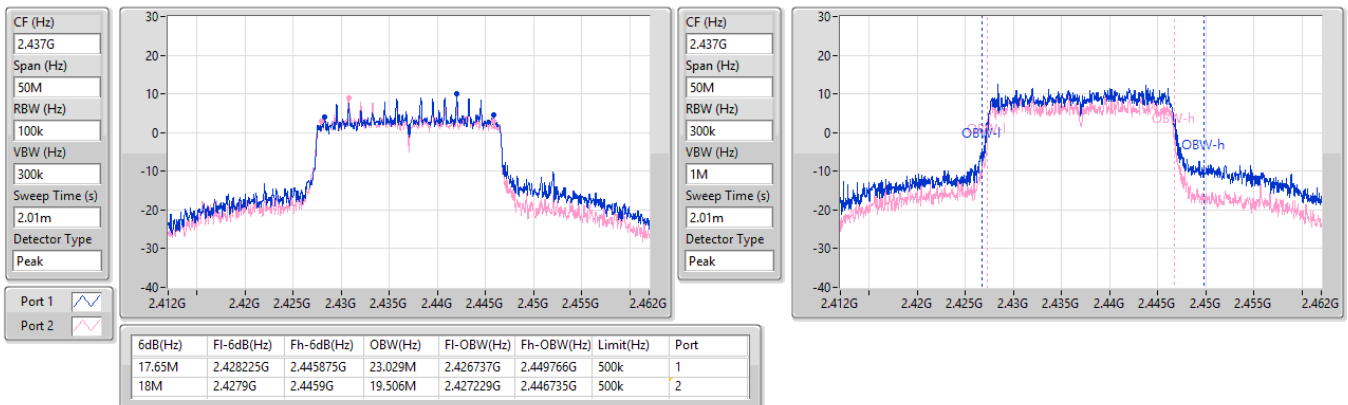


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2437MHz

06/07/2026

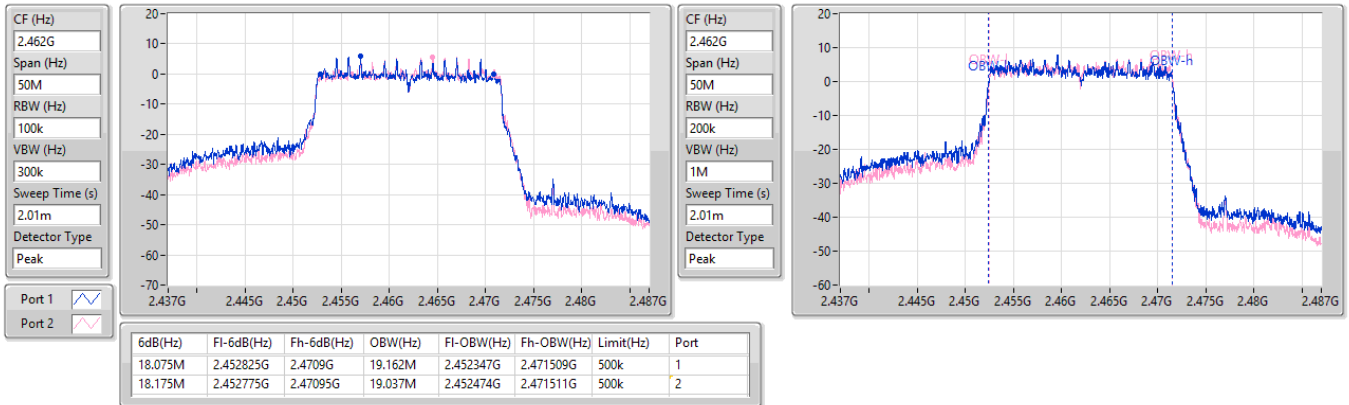


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2462MHz

06/07/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	7.55M	13.442M	13M4G1D	6.575M	12.713M
802.11b_Nss1,(1Mbps)_2TX	7.55M	13.176M	13M2G1D	6.575M	10.177M
802.11g_Nss1,(6Mbps)_1TX	16.325M	19.577M	19M6D1D	15.425M	17.148M
802.11g_Nss1,(6Mbps)_2TX	16.35M	23.183M	23M2D1D	15.7M	16.867M
802.11be EHT20_Nss1,(MCS0)_1TX	18.925M	20.229M	20M2D1D	17.9M	19.196M
802.11be EHT20_Nss1,(MCS0)_2TX	18.9M	19.566M	19M6D1D	16.9M	19.085M
802.11be EHT20_Nss2,(MCS0)_2TX	18.7M	24.937M	24M9D1D	17.675M	19.096M

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

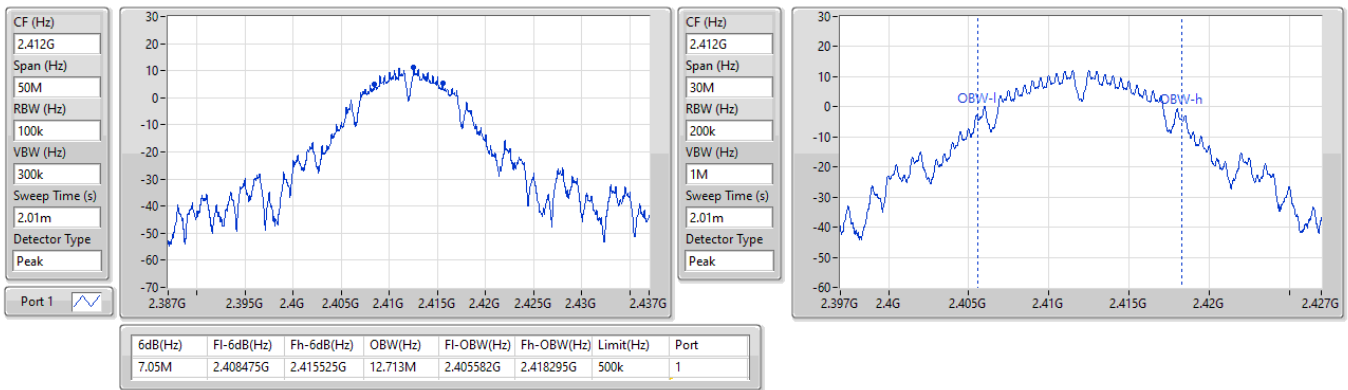
Result

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	12.713M		
2437MHz	Pass	500k	7.55M	13.442M		
2462MHz	Pass	500k	6.575M	12.916M		
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.075M	17.411M		
2437MHz	Pass	500k	15.425M	19.577M		
2462MHz	Pass	500k	16.325M	17.148M		
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.625M	19.196M		
2437MHz	Pass	500k	17.9M	20.229M		
2462MHz	Pass	500k	18.925M	19.315M		
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.6M	12.053M	7.55M	10.27M
2437MHz	Pass	500k	6.575M	13.176M	6.6M	12.155M
2462MHz	Pass	500k	6.575M	10.177M	7.025M	10.225M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	17.254M	16.05M	17.053M
2437MHz	Pass	500k	15.7M	23.183M	16.3M	17.606M
2462MHz	Pass	500k	16.325M	16.904M	16.325M	16.867M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.375M	19.148M	18.2M	19.085M
2437MHz	Pass	500k	16.9M	19.566M	18.725M	19.191M
2462MHz	Pass	500k	18.9M	19.159M	18.7M	19.086M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.35M	19.219M	18.625M	19.096M
2437MHz	Pass	500k	17.675M	24.937M	18.475M	19.303M
2462MHz	Pass	500k	18.125M	19.145M	18.7M	19.119M

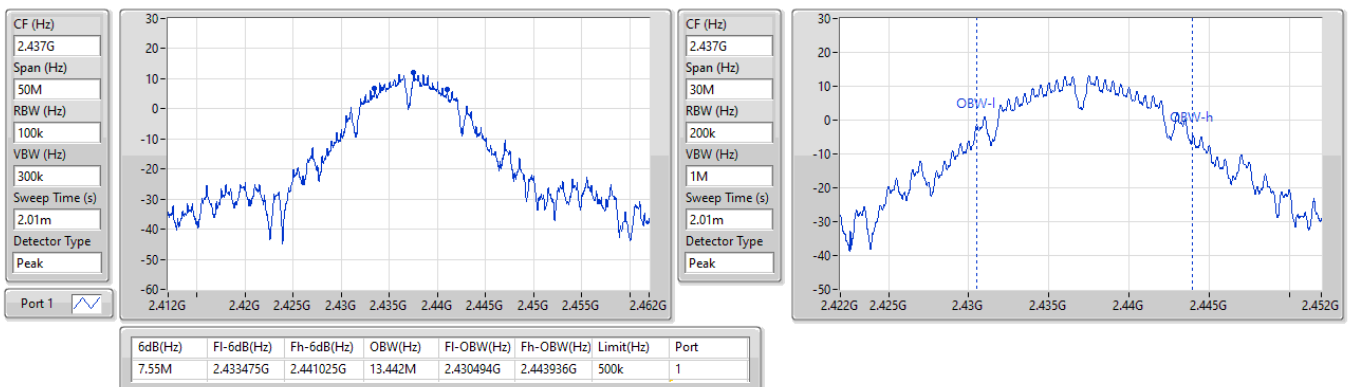
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

14/07/2026

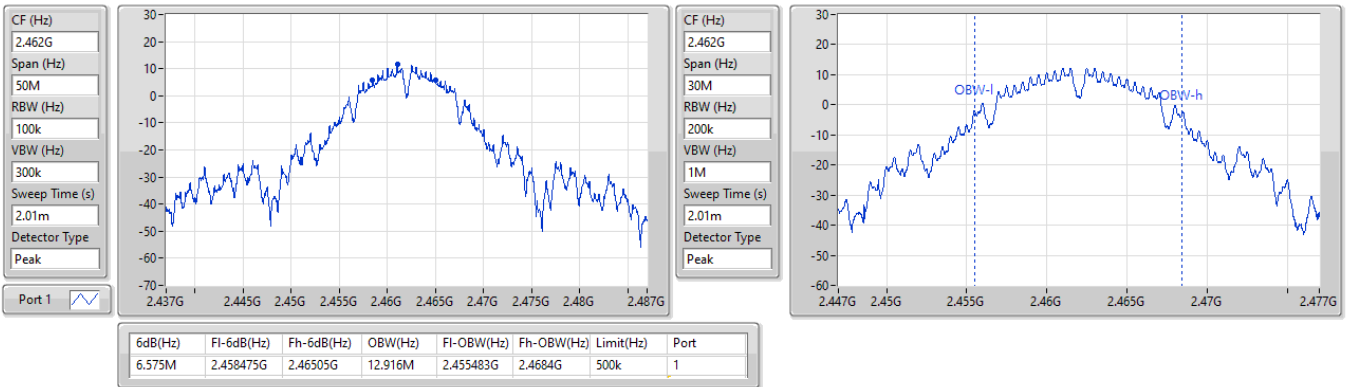

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

14/07/2026

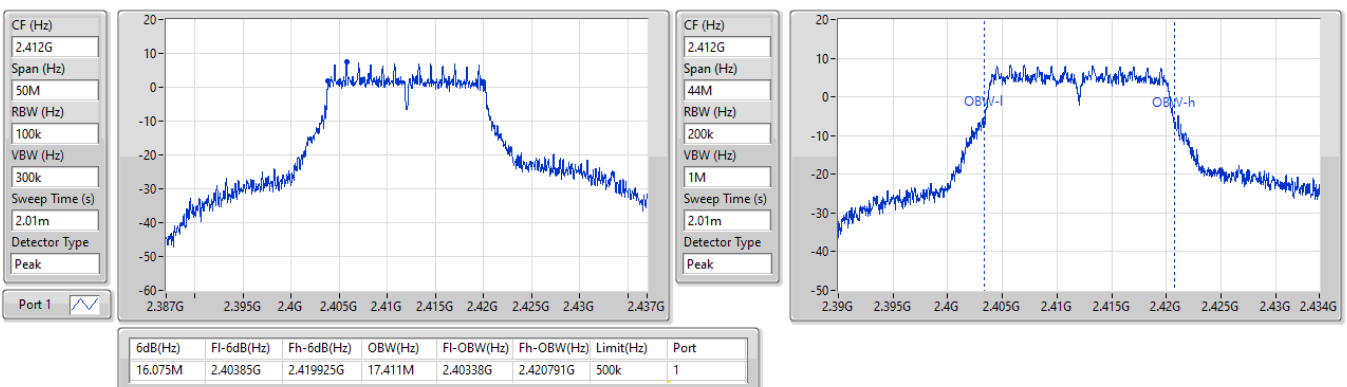


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2462MHz

14/07/2026

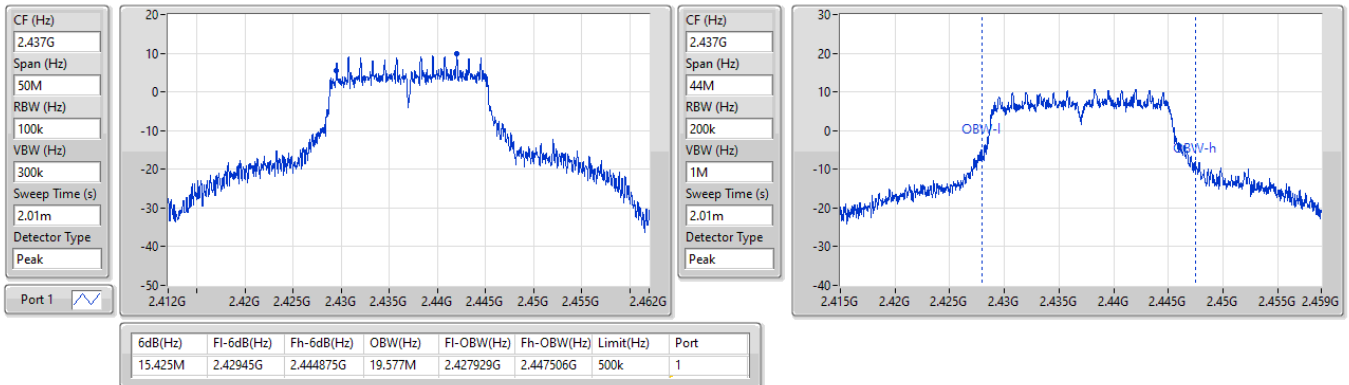

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2412MHz

14/07/2026

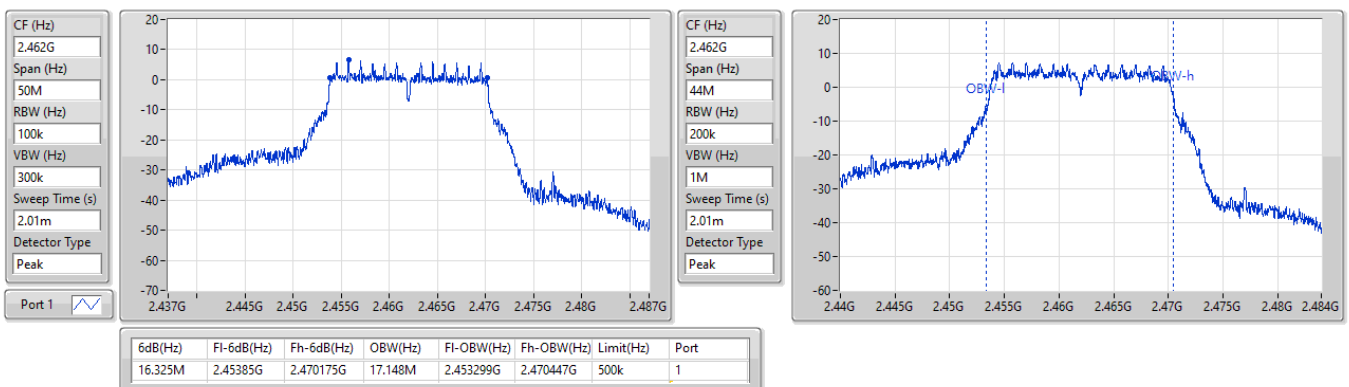


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2437MHz

14/07/2026

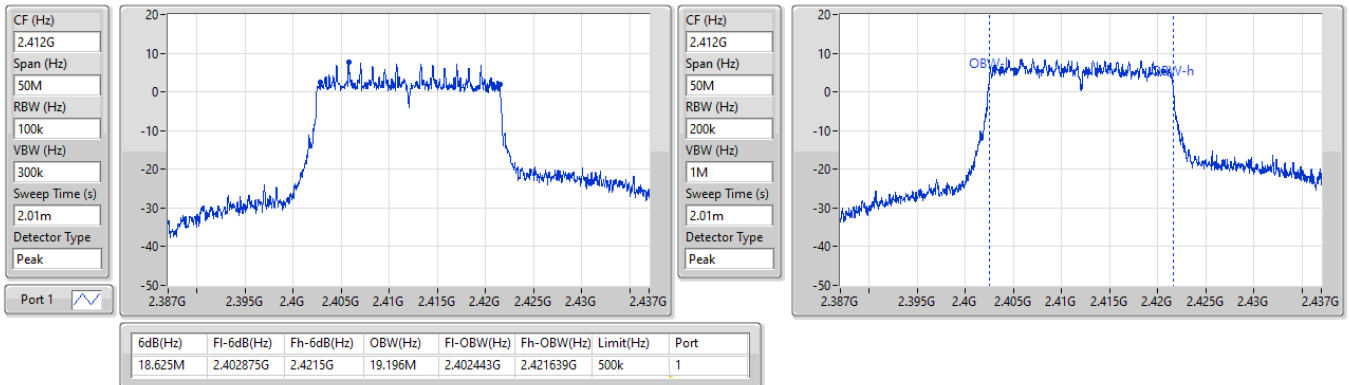

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2462MHz

14/07/2026

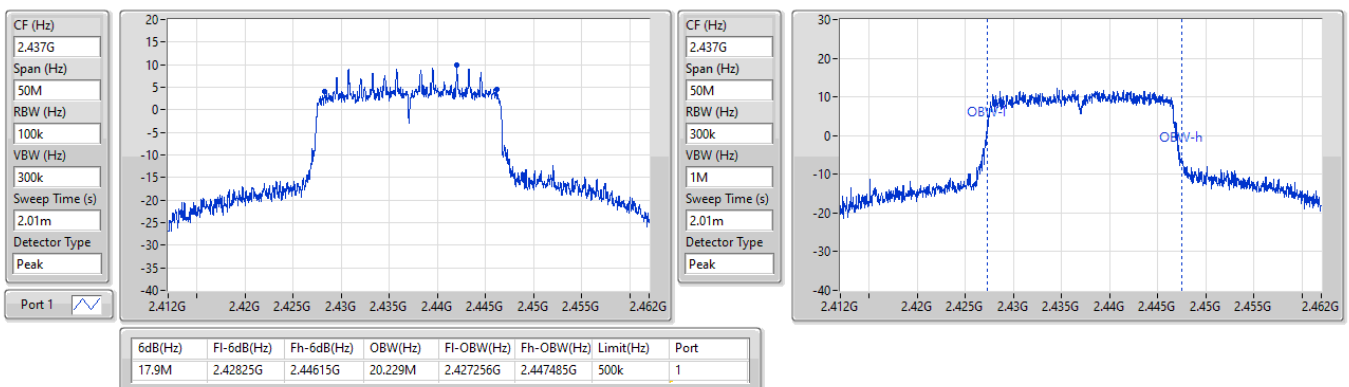


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2412MHz

14/07/2026

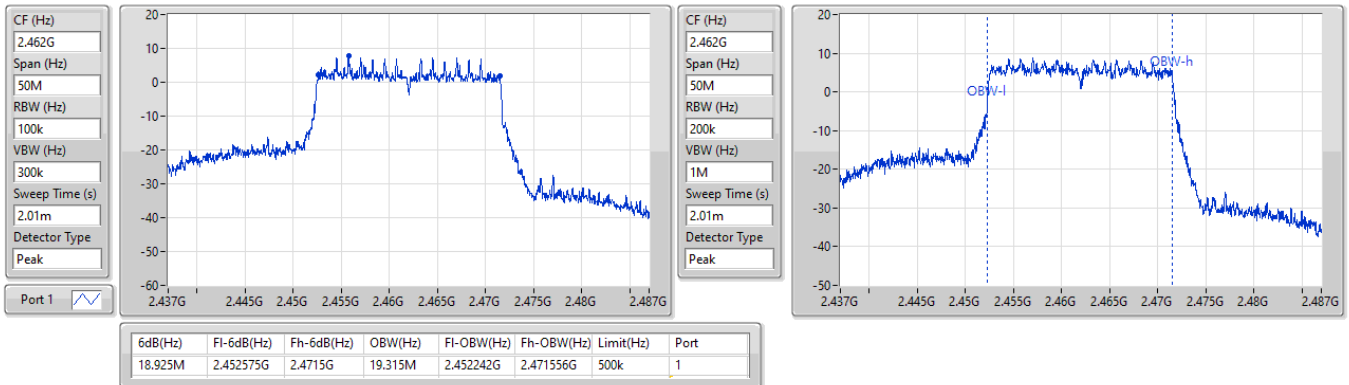

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2437MHz

14/07/2026

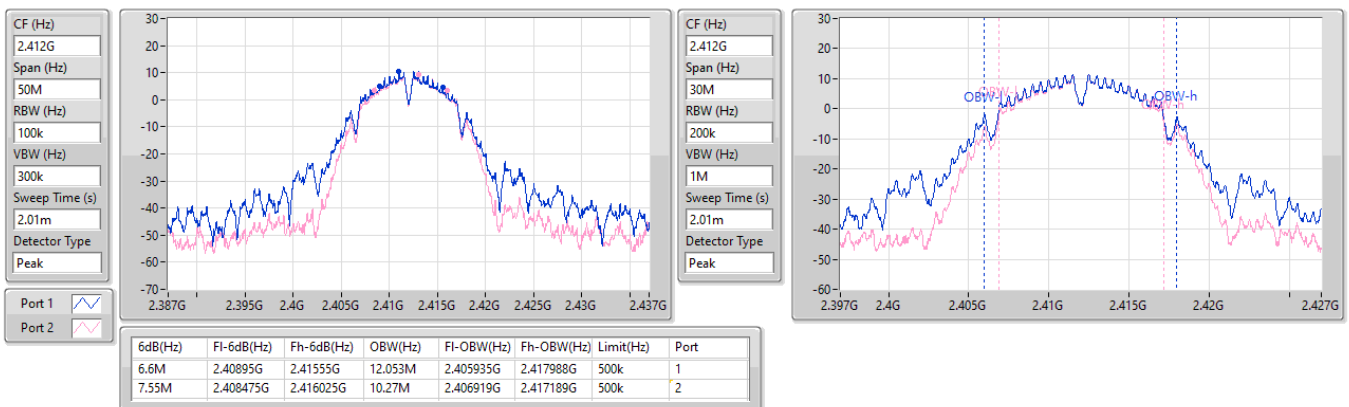


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2462MHz

14/07/2026


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

14/07/2026

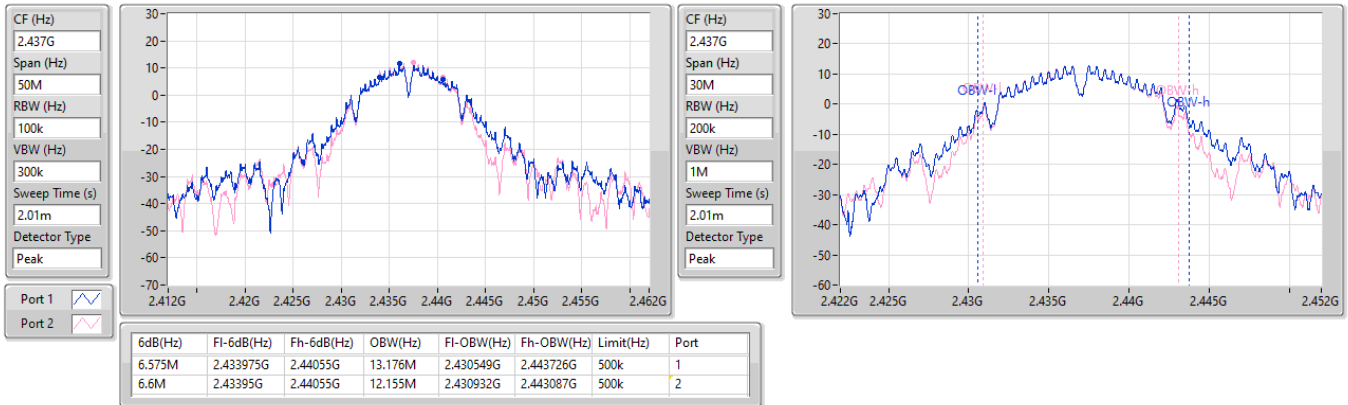


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

14/07/2026

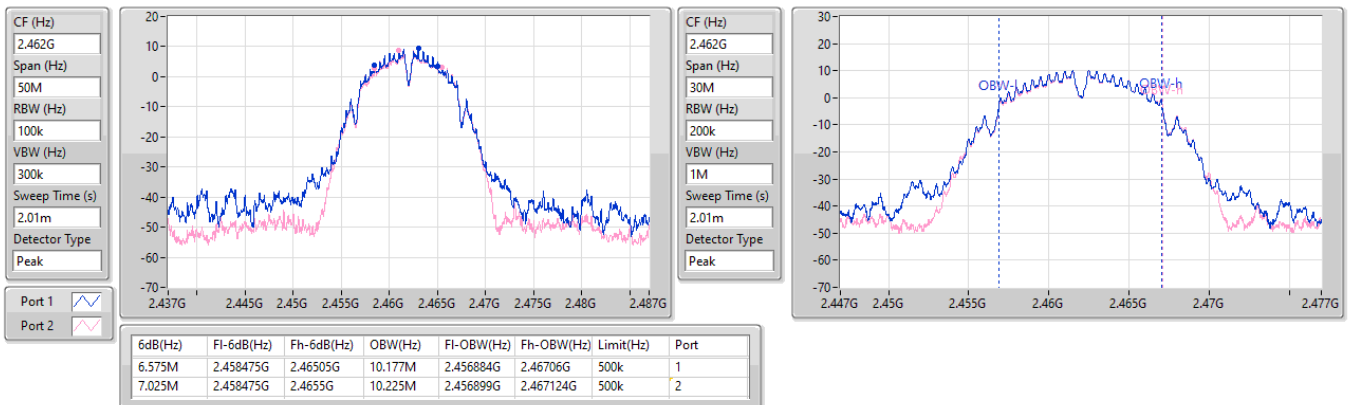


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

14/07/2026

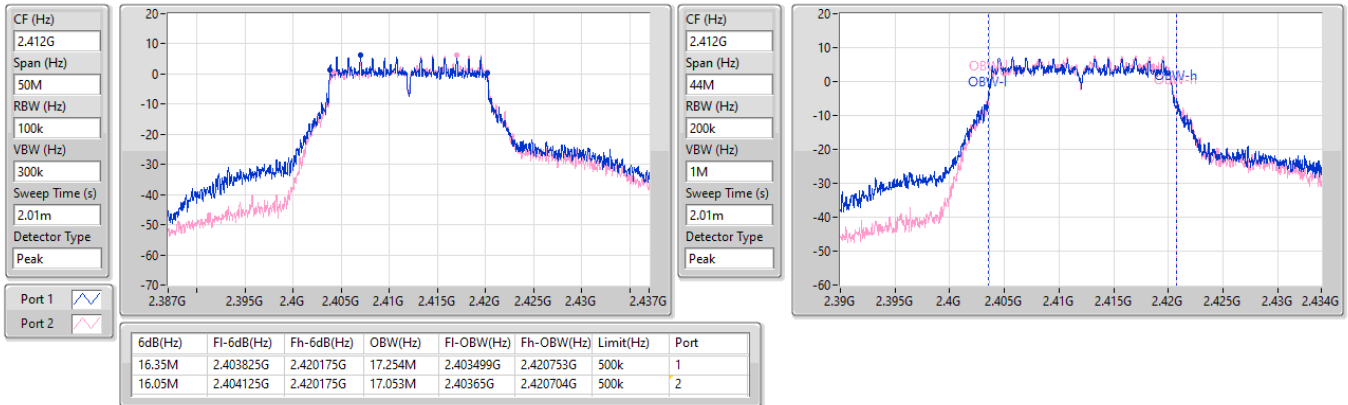


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

14/07/2026

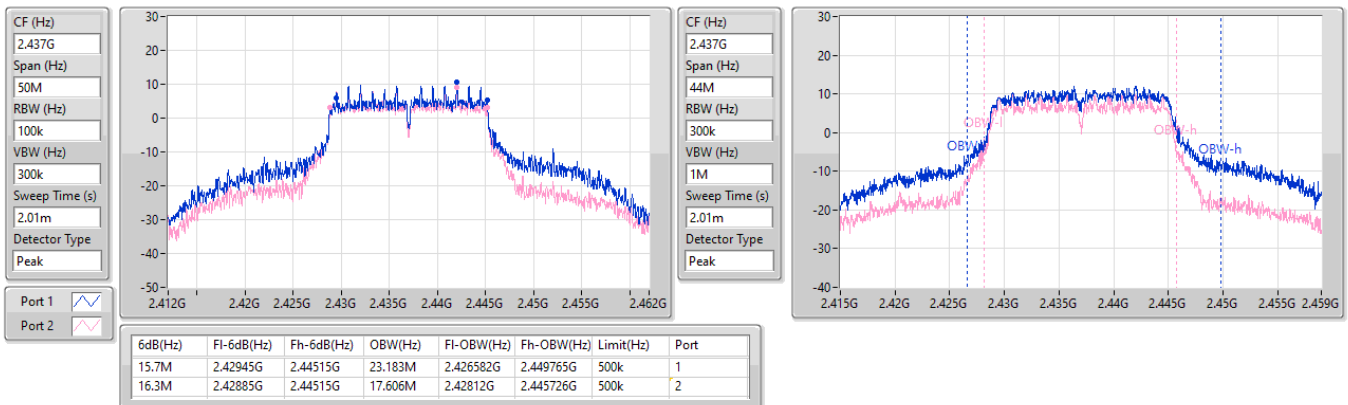


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

14/07/2026

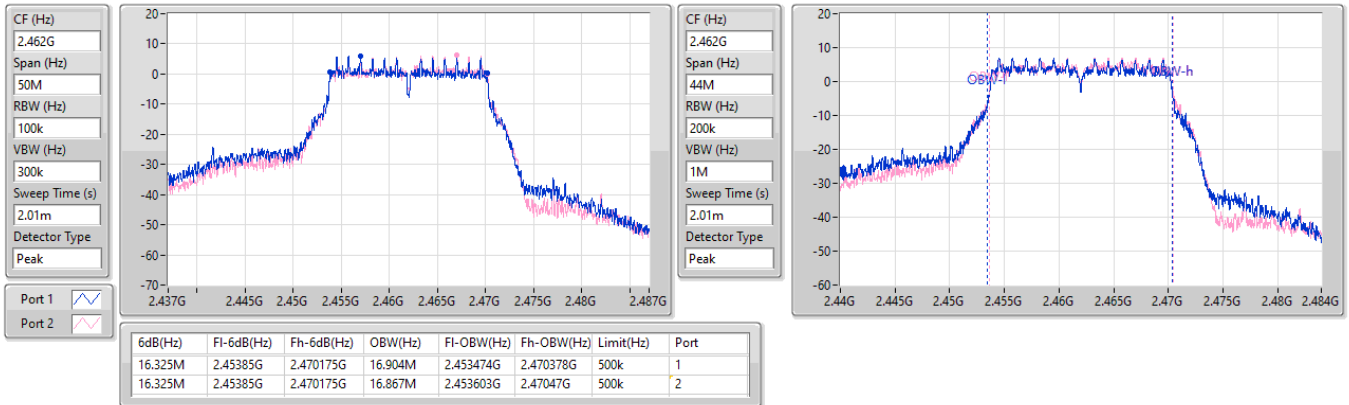


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

14/07/2026

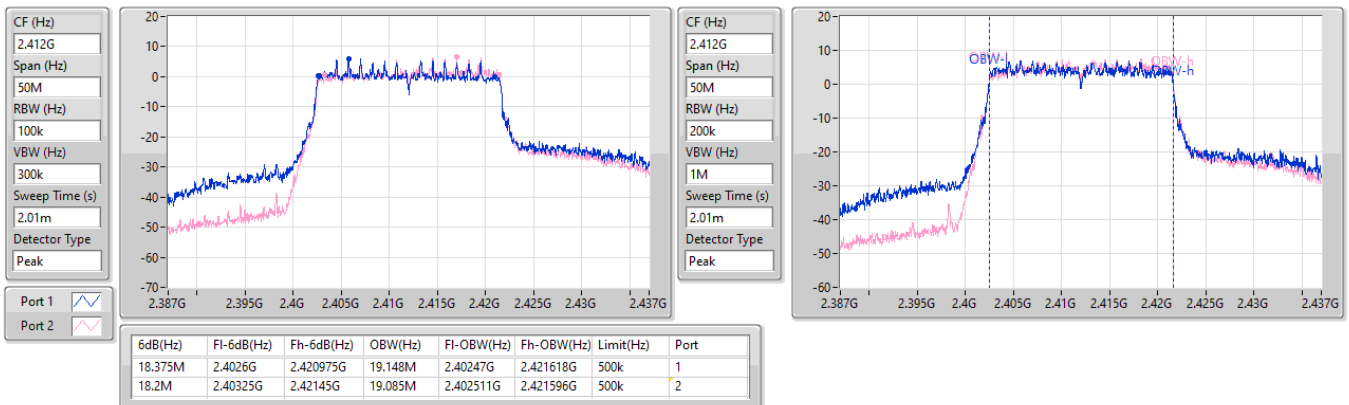


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

14/07/2026

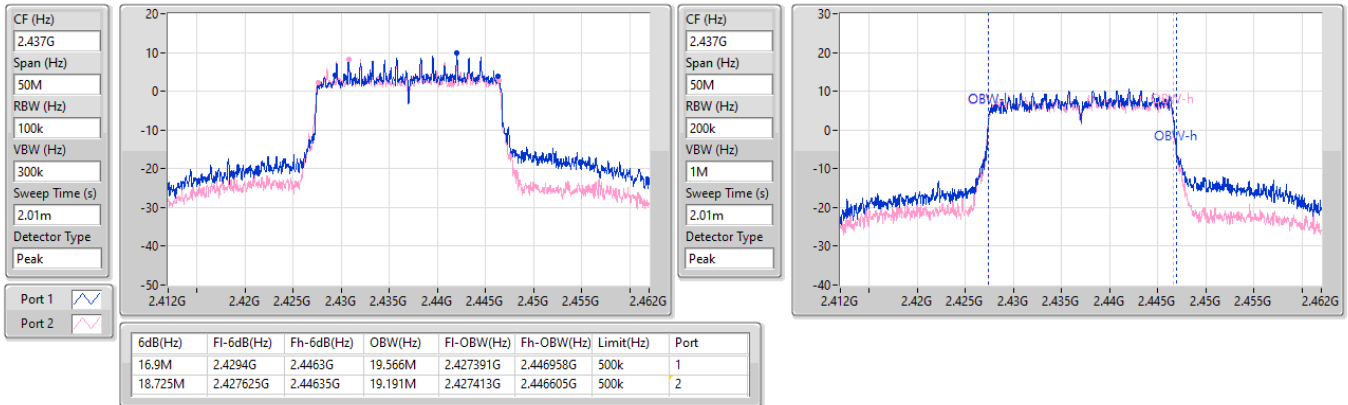


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

14/07/2026

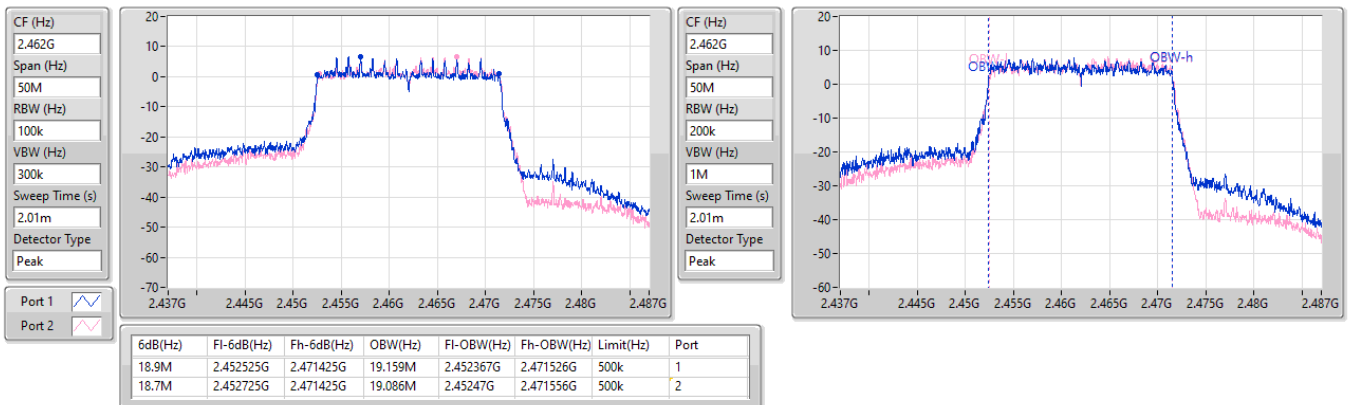


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

14/07/2026

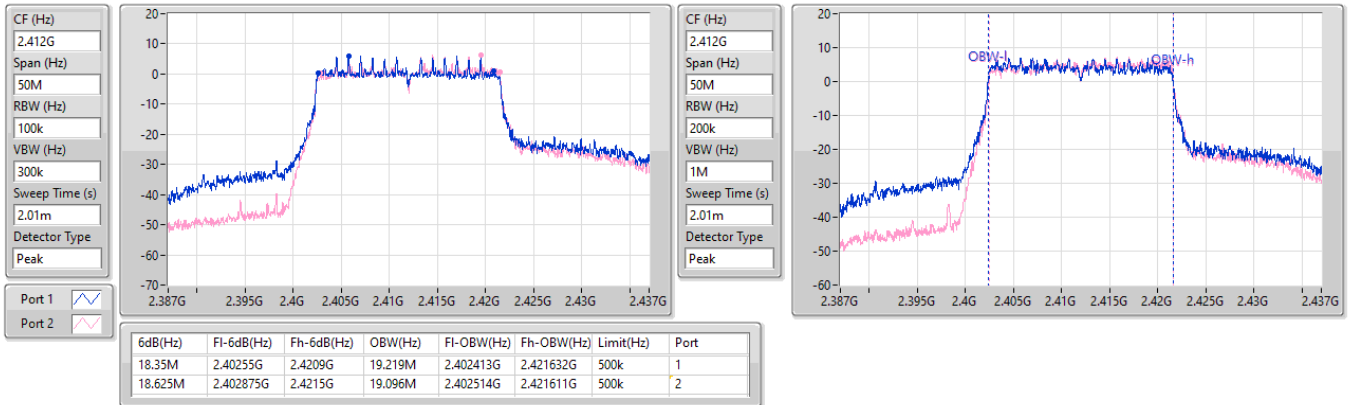


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2412MHz

14/07/2026

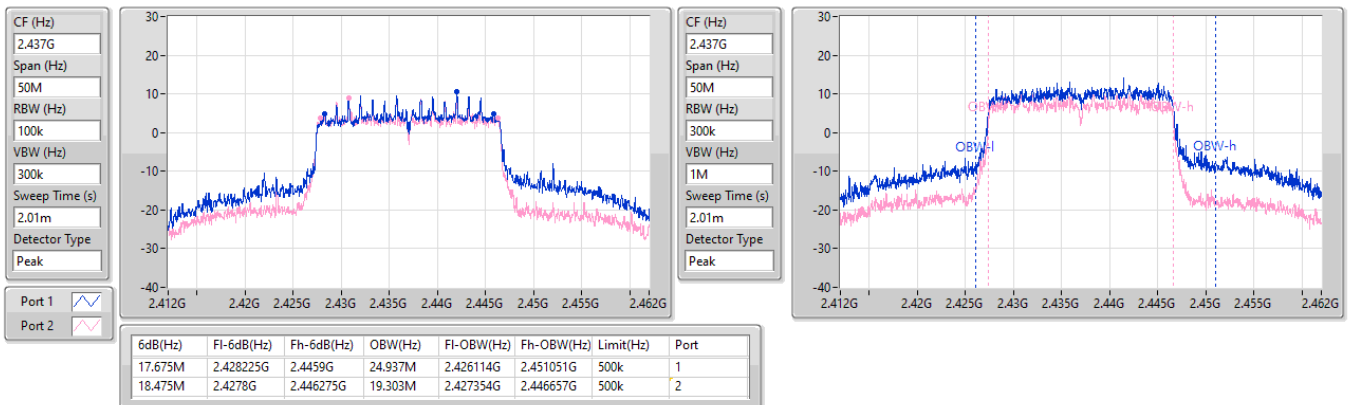


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2437MHz

14/07/2026

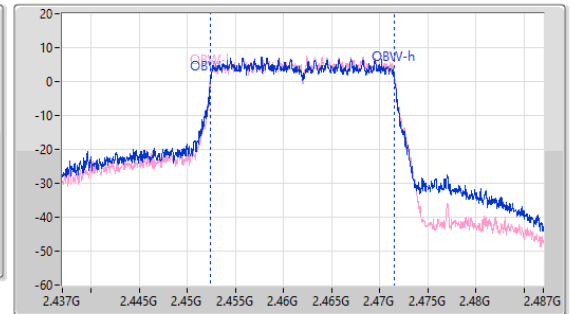
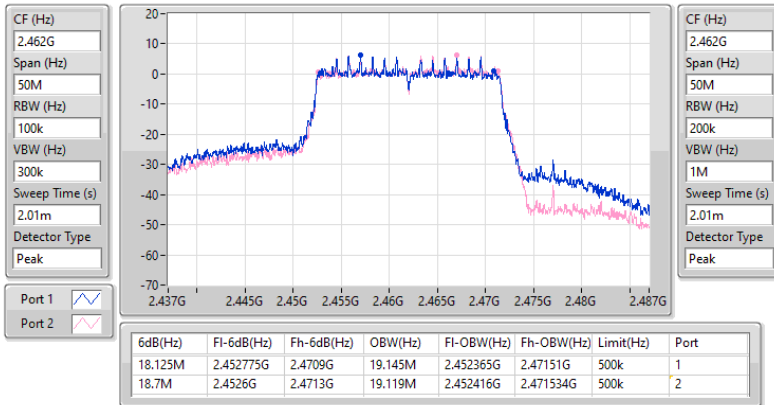


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2462MHz

14/07/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB	Min-OBW
				(Hz)	(Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	6.525M	11.099M	11M1G1D	6.125M	10.245M
802.11b_Nss1,(1Mbps)_2TX	8.05M	10.451M	10M5G1D	6.075M	10.193M
802.11g_Nss1,(6Mbps)_1TX	15.75M	16.877M	16M9D1D	15.325M	16.797M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.894M	16M9D1D	15.15M	16.657M
802.11be EHT20_Nss1,(MCS0)_1TX	18.45M	19.098M	19M1D1D	17.8M	19.031M
802.11be EHT20_Nss1,(MCS0)_2TX	18.7M	19.124M	19M1D1D	16.275M	19.03M
802.11be EHT20_Nss2,(MCS0)_2TX	18.55M	19.128M	19M1D1D	17.625M	19.007M

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

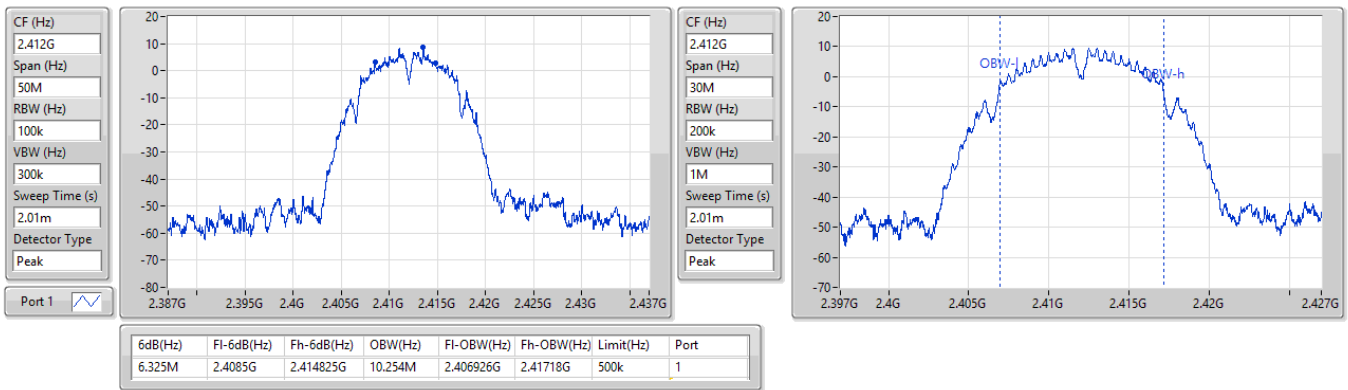
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB	Port 2-OBW
					(Hz)	(Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.325M	10.254M		
2437MHz	Pass	500k	6.525M	11.099M		
2462MHz	Pass	500k	6.125M	10.245M		
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.75M	16.865M		
2437MHz	Pass	500k	15.325M	16.877M		
2462MHz	Pass	500k	15.75M	16.797M		
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.45M	19.069M		
2437MHz	Pass	500k	17.8M	19.031M		
2462MHz	Pass	500k	18.075M	19.098M		
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.05M	10.251M	7.05M	10.272M
2437MHz	Pass	500k	6.575M	10.451M	7.075M	10.33M
2462MHz	Pass	500k	6.075M	10.193M	6.575M	10.237M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.925M	16.779M	15.925M	16.672M
2437MHz	Pass	500k	16.025M	16.894M	15.15M	16.657M
2462MHz	Pass	500k	16.325M	16.731M	15.975M	16.739M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.225M	19.103M	18.7M	19.036M
2437MHz	Pass	500k	18.475M	19.03M	17.625M	19.043M
2462MHz	Pass	500k	18.175M	19.074M	16.275M	19.124M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.9M	19.063M	18.275M	19.128M
2437MHz	Pass	500k	18.15M	19.052M	18.55M	19.018M
2462MHz	Pass	500k	17.625M	19.007M	18.2M	19.109M

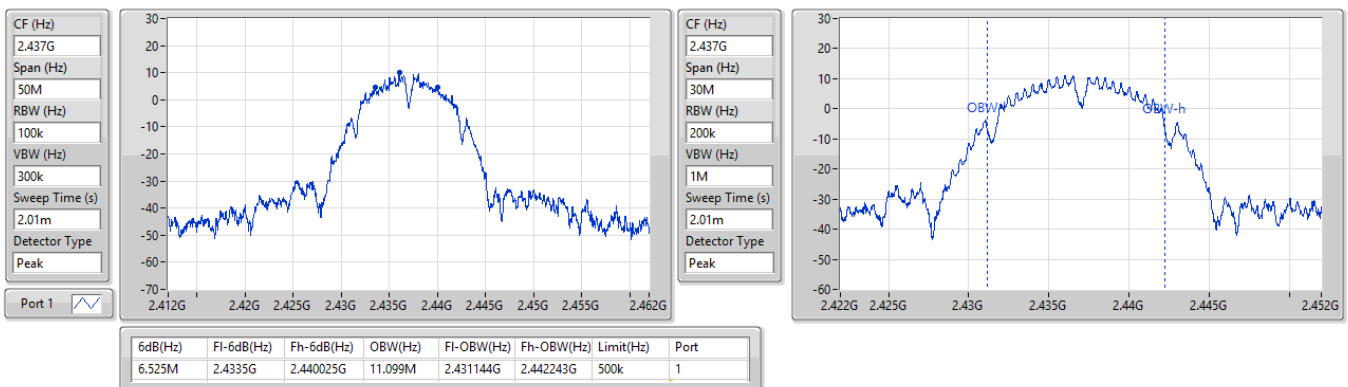
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

04/08/2026

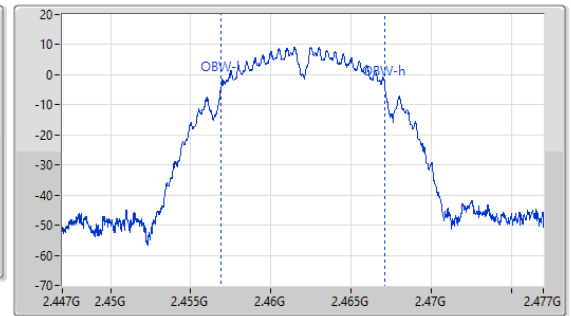
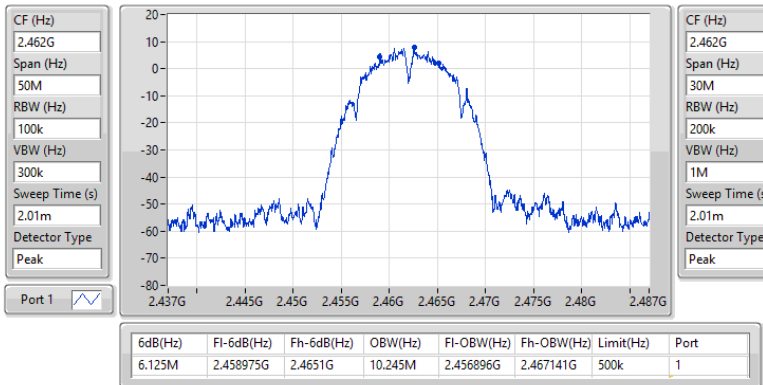

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

04/08/2026

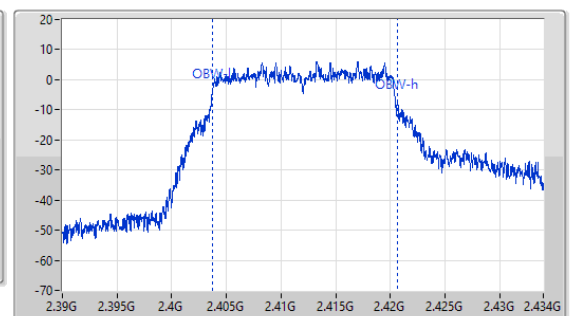
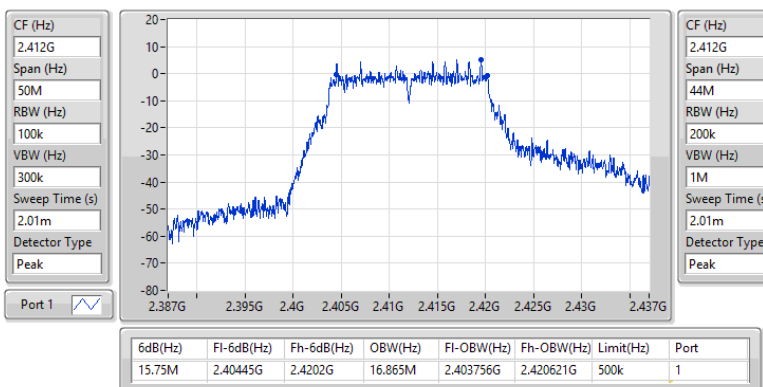


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2462MHz

04/08/2026

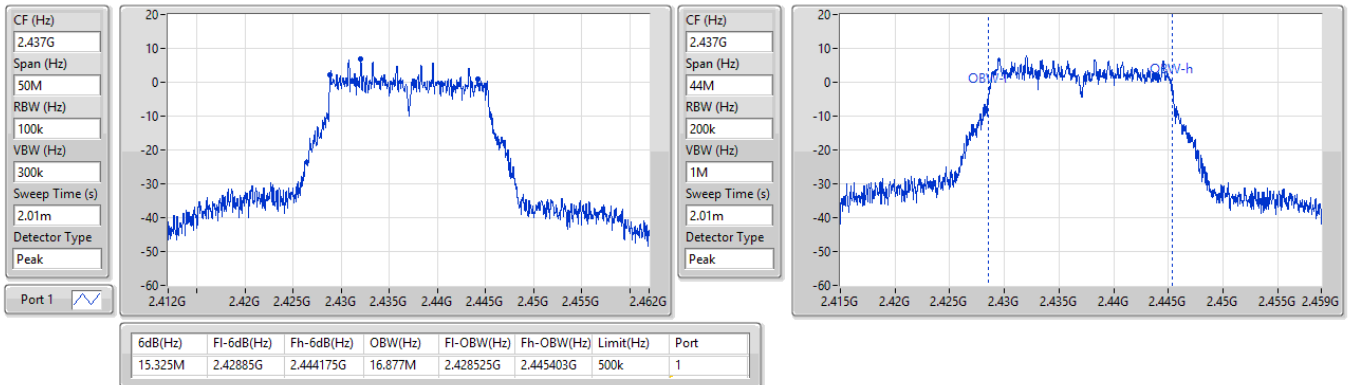

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2412MHz

04/08/2026

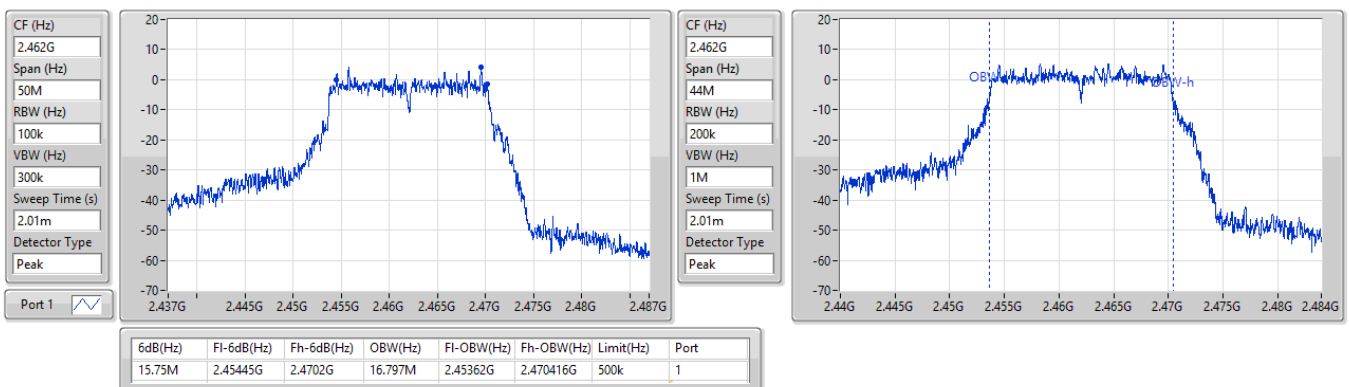


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2437MHz

04/08/2026

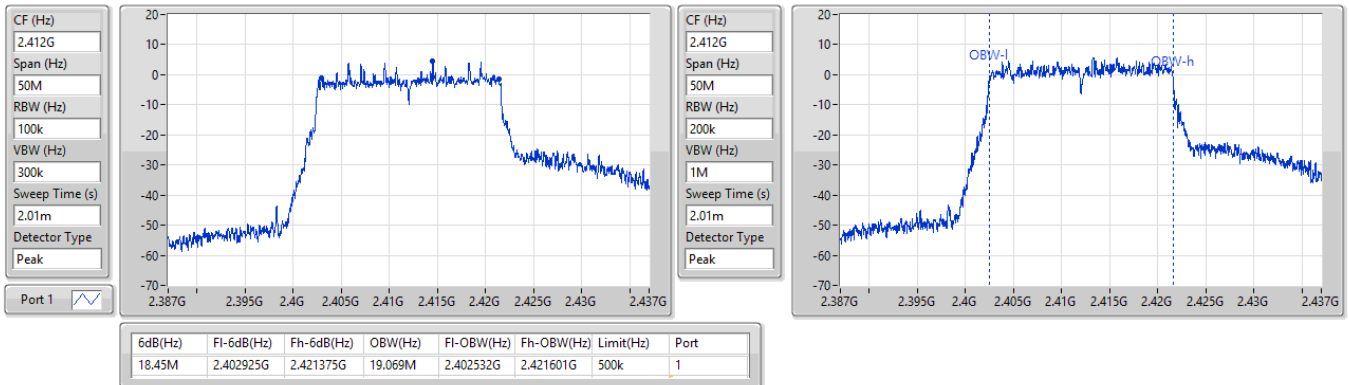

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2462MHz

04/08/2026

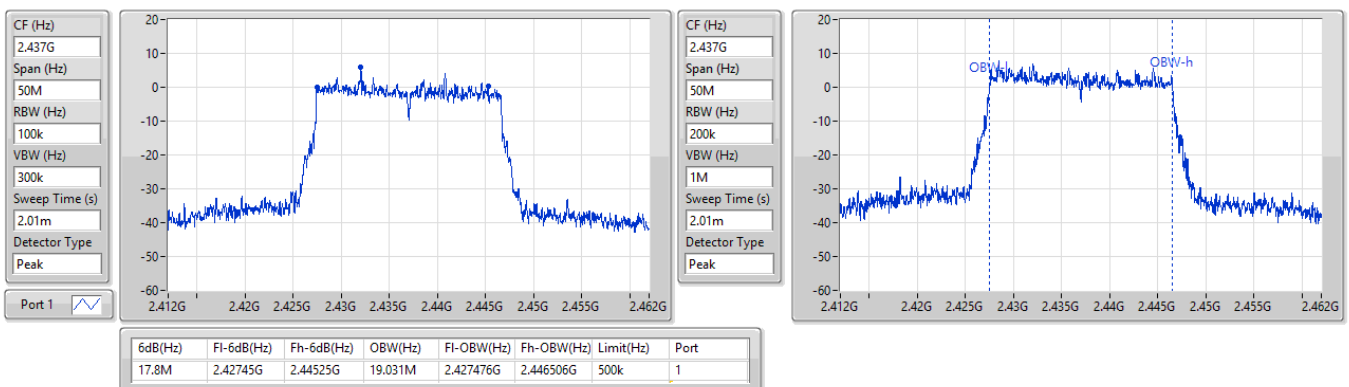


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2412MHz

04/08/2026

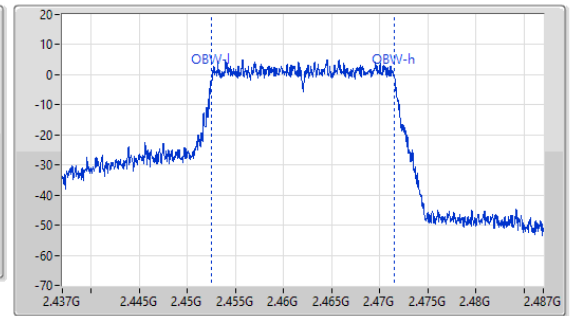
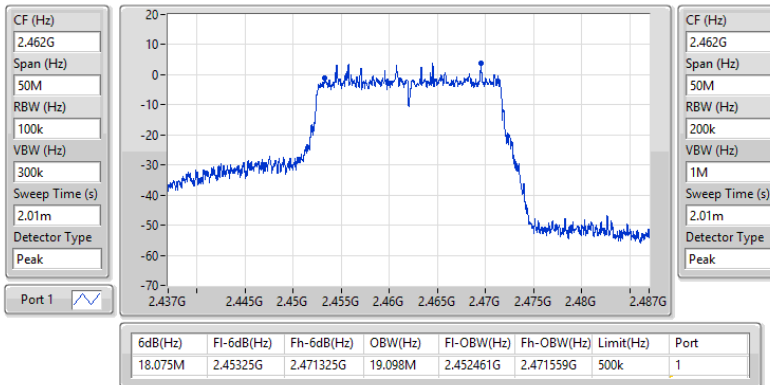

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2437MHz

04/08/2026

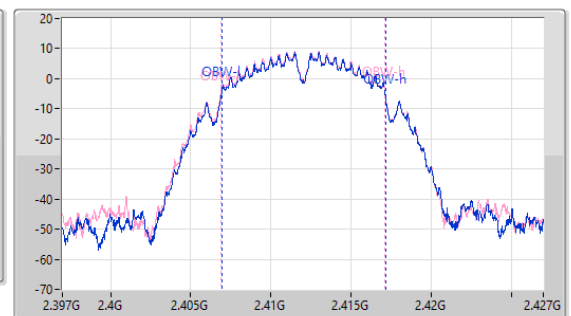
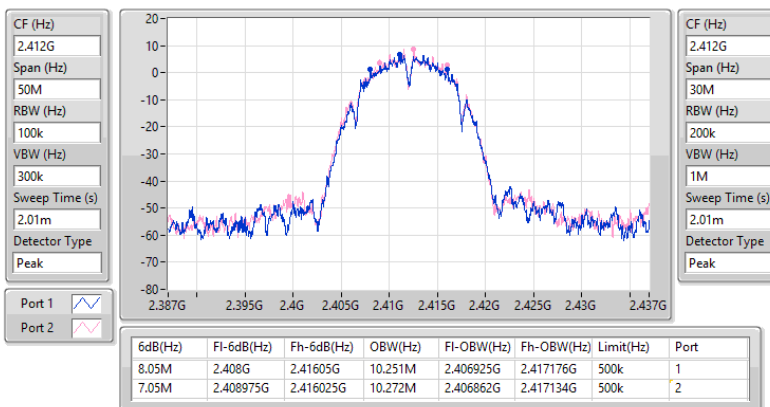


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2462MHz

04/08/2026


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

04/08/2026

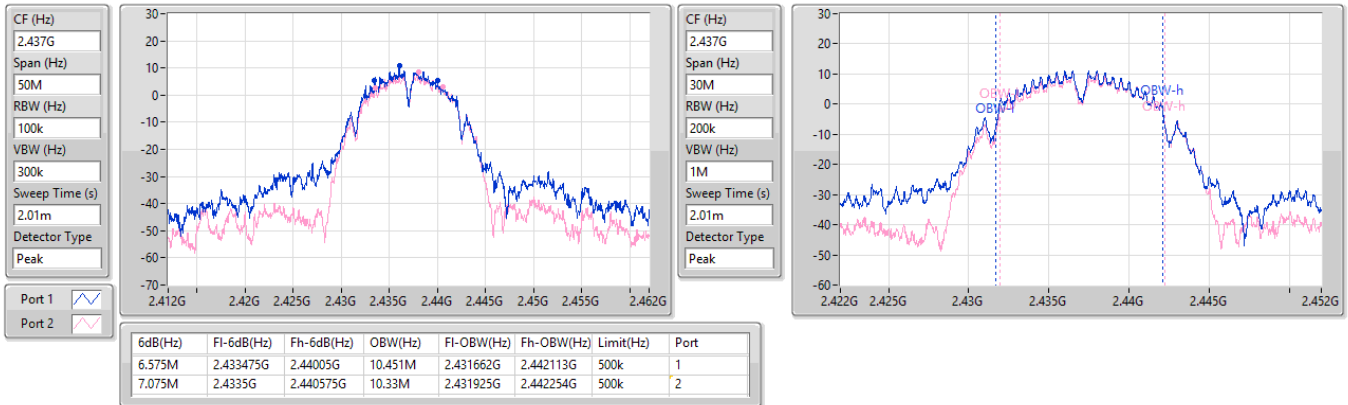


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

04/08/2026

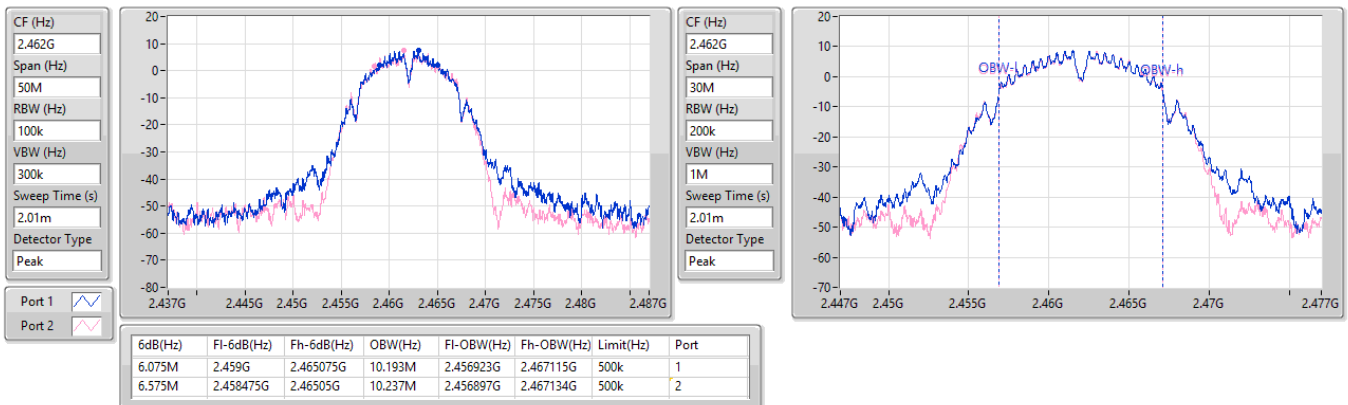


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

04/08/2026

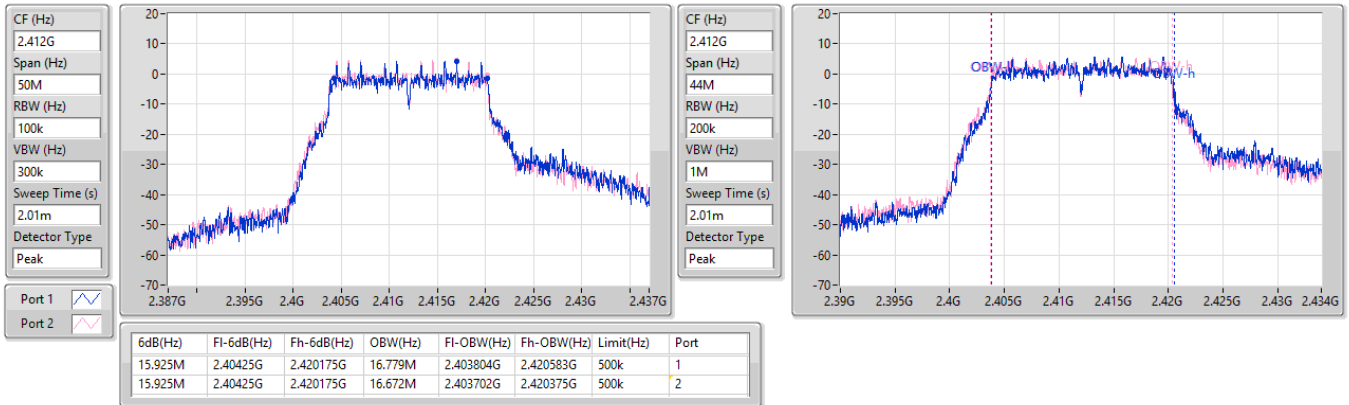


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

04/08/2026

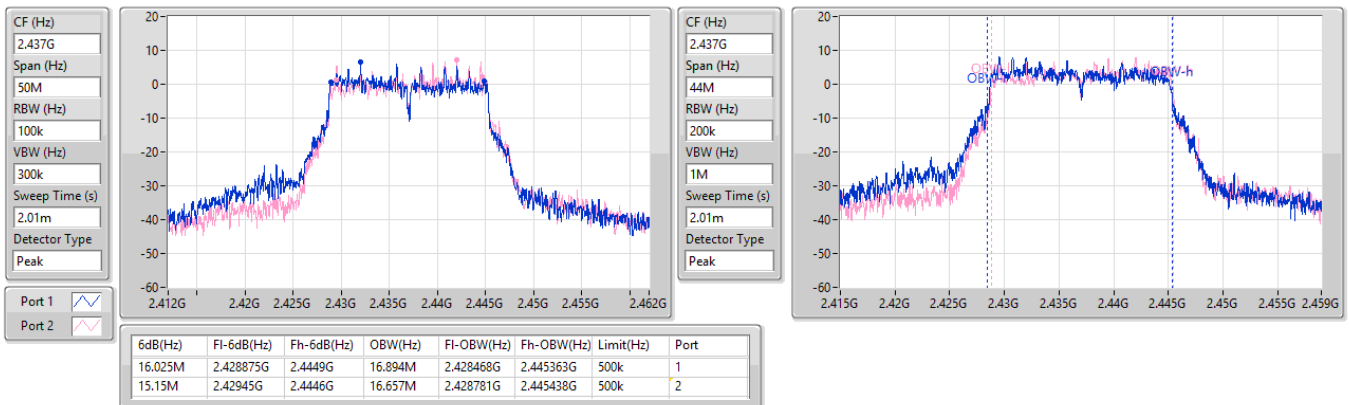


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

04/08/2026

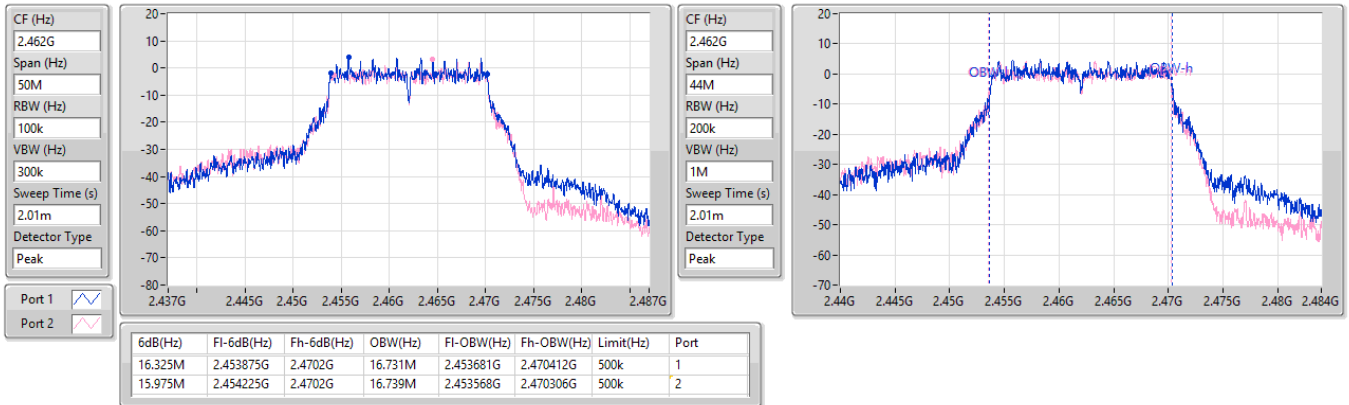


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

04/08/2026

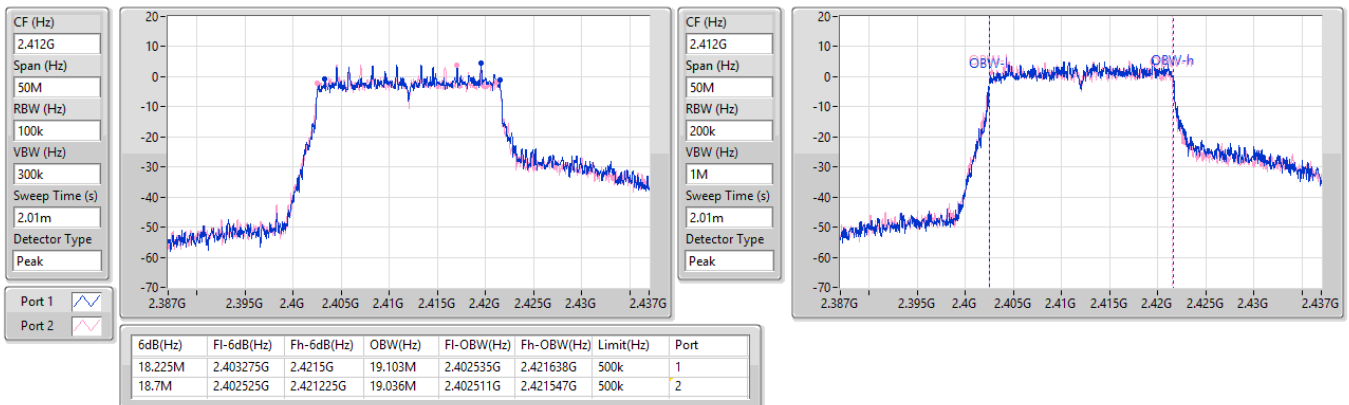


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

04/08/2026

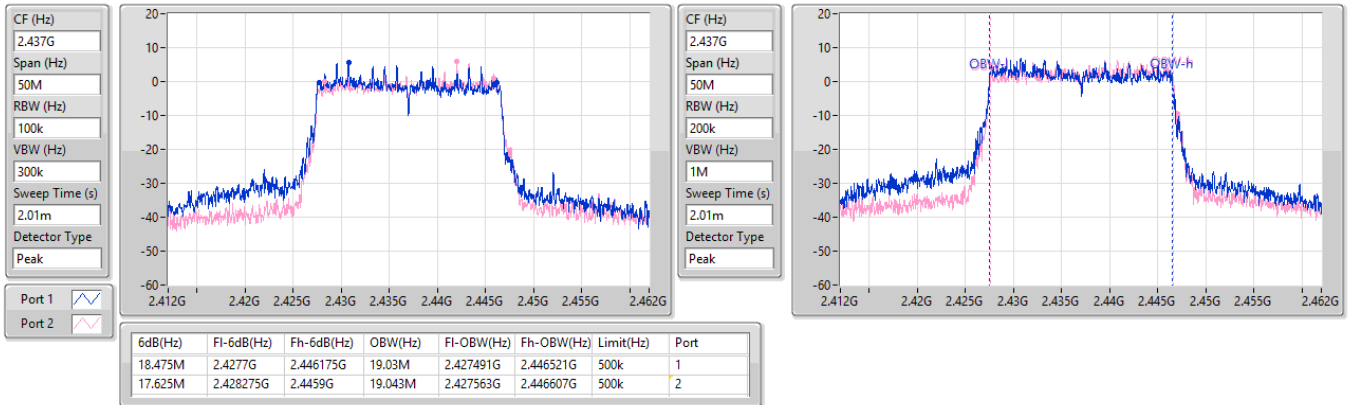


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

04/08/2026

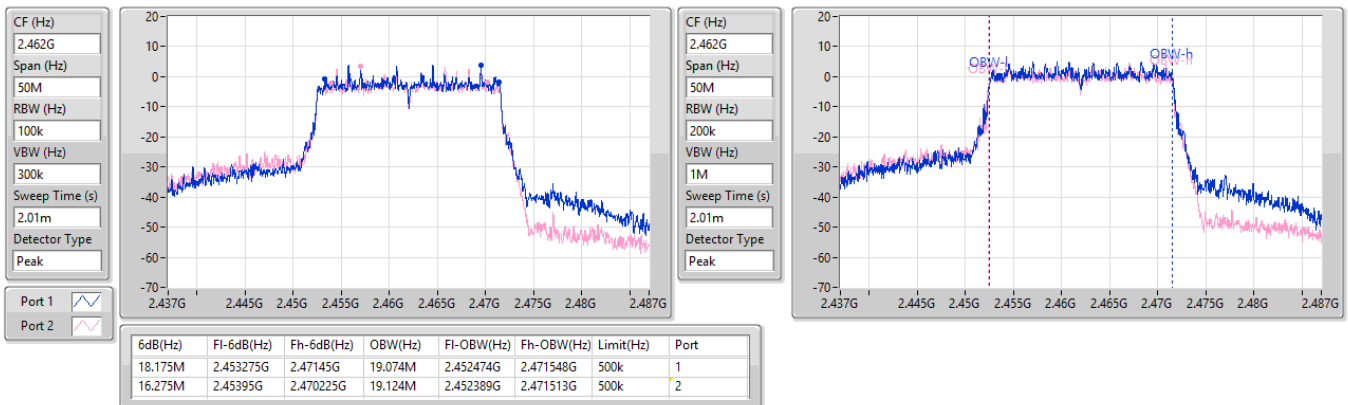


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

04/08/2026

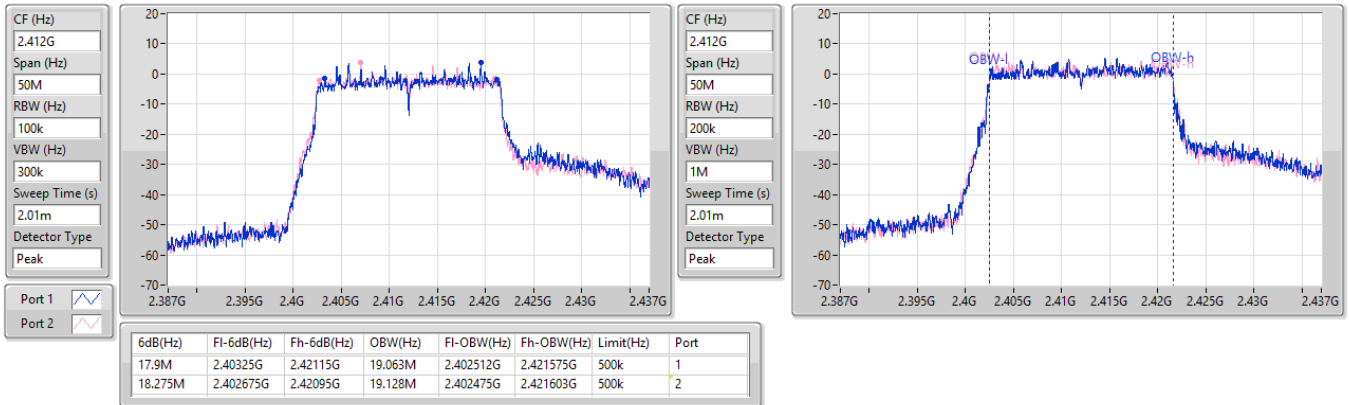


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2412MHz

04/08/2026

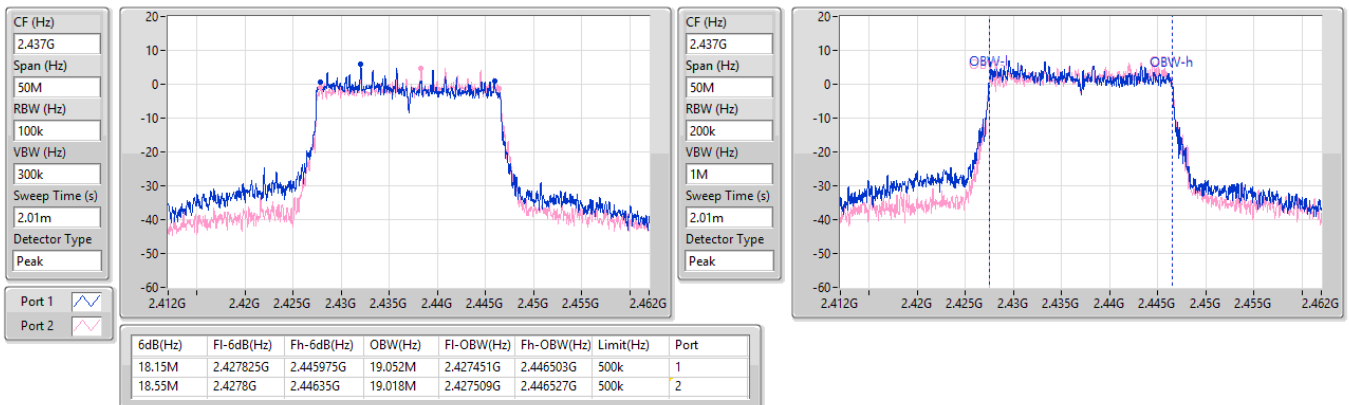


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2437MHz

04/08/2026

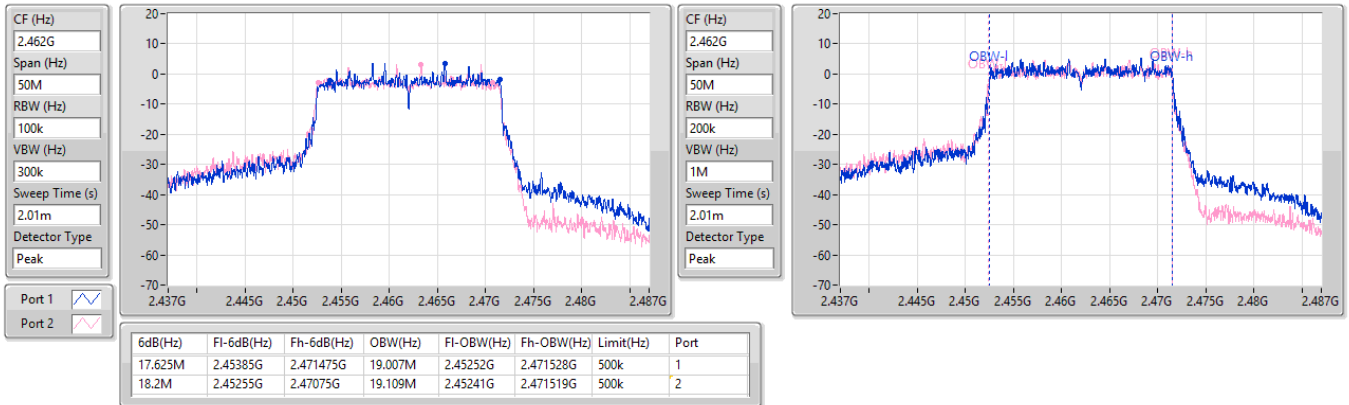


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2462MHz

04/08/2026





Average Power_Mode 1

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	20.18	0.10423
802.11b_Nss1,(1Mbps)_2TX	22.81	0.19099
802.11g_Nss1,(6Mbps)_1TX	19.85	0.09661
802.11g_Nss1,(6Mbps)_2TX	22.20	0.16596
802.11be EHT20_Nss1,(MCS0)_1TX	20.08	0.10186
802.11be EHT20_Nss1,(MCS0)_2TX	21.61	0.14488
802.11be EHT20_Nss2,(MCS0)_2TX	22.39	0.17338
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.61	0.14488



Average Power_Mode 1

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.71	19.32		19.32	30.00
2437MHz	Pass	2.71	20.18		20.18	30.00
2457MHz	Pass	2.71	19.84		19.84	30.00
2462MHz	Pass	2.71	15.64		15.64	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.71	17.43		17.43	30.00
2437MHz	Pass	2.71	19.85		19.85	30.00
2462MHz	Pass	2.71	16.87		16.87	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.71	17.55		17.55	30.00
2437MHz	Pass	2.71	20.08		20.08	30.00
2457MHz	Pass	2.71	18.87		18.87	30.00
2462MHz	Pass	2.71	17.03		17.03	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.71	18.98	18.17	21.60	30.00
2437MHz	Pass	2.71	19.82	19.78	22.81	30.00
2462MHz	Pass	2.71	18.69	18.43	21.57	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.71	16.19	16.35	19.28	30.00
2437MHz	Pass	2.71	19.21	19.16	22.20	30.00
2457MHz	Pass	2.71	17.97	17.14	20.59	30.00
2462MHz	Pass	2.71	16.02	16.34	19.19	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.71	16.28	16.57	19.44	30.00
2437MHz	Pass	2.71	18.67	18.52	21.61	30.00
2462MHz	Pass	2.71	16.34	16.5	19.43	30.00
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.49	16.03	15.96	19.01	30.00
2417MHz	Pass	2.49	16.49	17.25	19.90	30.00
2437MHz	Pass	2.49	19.55	19.21	22.39	30.00
2457MHz	Pass	2.49	18.18	17.34	20.79	30.00
2462MHz	Pass	2.49	16.32	16.28	19.31	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.49	16.28	16.57	19.44	30.00
2437MHz	Pass	5.49	18.67	18.52	21.61	30.00
2462MHz	Pass	5.49	16.34	16.5	19.43	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	20.91	0.12331
802.11b_Nss1,(1Mbps)_2TX	23.45	0.22131
802.11g_Nss1,(6Mbps)_1TX	18.21	0.06622
802.11g_Nss1,(6Mbps)_2TX	21.30	0.13490
802.11be EHT20_Nss1,(MCS0)_1TX	18.43	0.06966
802.11be EHT20_Nss1,(MCS0)_2TX	21.23	0.13274
802.11be EHT20_Nss2,(MCS0)_2TX	21.83	0.15241
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.23	0.13274

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	7.17	20.45		20.45	28.83
2437MHz	Pass	7.17	20.91		20.91	28.83
2462MHz	Pass	7.17	19.26		19.26	28.83
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	7.17	17.18		17.18	28.83
2437MHz	Pass	7.17	18.21		18.21	28.83
2462MHz	Pass	7.17	15.57		15.57	28.83
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	7.17	17.65		17.65	28.83
2437MHz	Pass	7.17	18.43		18.43	28.83
2462MHz	Pass	7.17	17.26		17.26	28.83
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.17	18.14	17.53	20.86	28.83
2437MHz	Pass	7.17	20.22	20.65	23.45	28.83
2457MHz	Pass	7.17	18.67	17.39	21.09	28.83
2462MHz	Pass	7.17	16.67	16.41	19.55	28.83
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.17	15.83	15.92	18.89	28.83
2437MHz	Pass	7.17	18.41	18.16	21.30	28.83
2462MHz	Pass	7.17	15.59	15.84	18.73	28.83
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.17	16.15	16.36	19.27	28.83
2437MHz	Pass	7.17	18.46	17.96	21.23	28.83
2462MHz	Pass	7.17	16.12	16.60	19.38	28.83
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.95	16.20	16.35	19.29	29.05
2437MHz	Pass	6.95	19.10	18.51	21.83	29.05
2462MHz	Pass	6.95	15.80	16.19	19.01	29.05
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.17	16.15	16.36	19.27	28.83
2437MHz	Pass	7.17	18.46	17.96	21.23	28.83
2462MHz	Pass	7.17	16.12	16.60	19.38	28.83

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Average Power_Mode 3

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	19.52	0.08954
802.11b_Nss1,(1Mbps)_2TX	21.99	0.15812
802.11g_Nss1,(6Mbps)_1TX	17.22	0.05272
802.11g_Nss1,(6Mbps)_2TX	20.78	0.11967
802.11be EHT20_Nss1,(MCS0)_1TX	17.25	0.05309
802.11be EHT20_Nss1,(MCS0)_2TX	20.06	0.10139
802.11be EHT20_Nss2,(MCS0)_2TX	20.12	0.10280
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.06	0.10139

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	11.67	17.49		17.49	24.33
2437MHz	Pass	11.67	19.52		19.52	24.33
2462MHz	Pass	11.67	17.44		17.44	24.33
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	11.67	15.94		15.94	24.33
2437MHz	Pass	11.67	17.22		17.22	24.33
2462MHz	Pass	11.67	15.66		15.66	24.33
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	11.67	15.93		15.93	24.33
2437MHz	Pass	11.67	17.25		17.25	24.33
2462MHz	Pass	11.67	16.03		16.03	24.33
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.67	16.79	17.72	20.29	24.33
2437MHz	Pass	11.67	18.80	19.16	21.99	24.33
2462MHz	Pass	11.67	17.33	17.32	20.34	24.33
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.67	15.78	15.74	18.77	24.33
2437MHz	Pass	11.67	17.49	18.04	20.78	24.33
2462MHz	Pass	11.67	15.13	14.71	17.94	24.33
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.67	15.58	15.68	18.64	24.33
2437MHz	Pass	11.67	16.99	17.11	20.06	24.33
2462MHz	Pass	11.67	15.32	14.92	18.13	24.33
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.45	15.33	15.25	18.30	24.55
2437MHz	Pass	11.45	17.07	17.15	20.12	24.55
2462MHz	Pass	11.45	15.70	15.18	18.46	24.55
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.67	15.58	15.68	18.64	24.33
2437MHz	Pass	11.67	16.99	17.11	20.06	24.33
2462MHz	Pass	11.67	15.32	14.92	18.13	24.33

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-0.08
802.11b_Nss1,(1Mbps)_2TX	2.24
802.11g_Nss1,(6Mbps)_1TX	-7.29
802.11g_Nss1,(6Mbps)_2TX	-5.72
802.11be EHT20_Nss1,(MCS0)_1TX	-6.81
802.11be EHT20_Nss1,(MCS0)_2TX	-5.75
802.11be EHT20_Nss2,(MCS0)_2TX	-4.33

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	2.71	-2.93		-2.93	8.00
2437MHz	Pass	2.71	-0.08		-0.08	8.00
2462MHz	Pass	2.71	-6.10		-6.10	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.71	-9.61		-9.61	8.00
2437MHz	Pass	2.71	-7.29		-7.29	8.00
2462MHz	Pass	2.71	-10.33		-10.33	8.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.71	-8.98		-8.98	8.00
2437MHz	Pass	2.71	-6.81		-6.81	8.00
2462MHz	Pass	2.71	-9.41		-9.41	8.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.49	-0.92	-2.40	1.41	8.00
2437MHz	Pass	5.49	-0.27	-0.61	2.24	8.00
2462MHz	Pass	5.49	-1.86	-1.10	1.55	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.49	-10.48	-10.40	-7.78	8.00
2437MHz	Pass	5.49	-7.84	-8.30	-5.72	8.00
2462MHz	Pass	5.49	-11.05	-10.58	-8.35	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.49	-11.16	-10.09	-8.47	8.00
2437MHz	Pass	5.49	-7.00	-8.75	-5.75	8.00
2462MHz	Pass	5.49	-10.69	-10.81	-8.66	8.00
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.49	-10.38	-10.83	-8.05	8.00
2437MHz	Pass	2.49	-6.28	-7.58	-4.33	8.00
2462MHz	Pass	2.49	-9.00	-10.79	-7.52	8.00

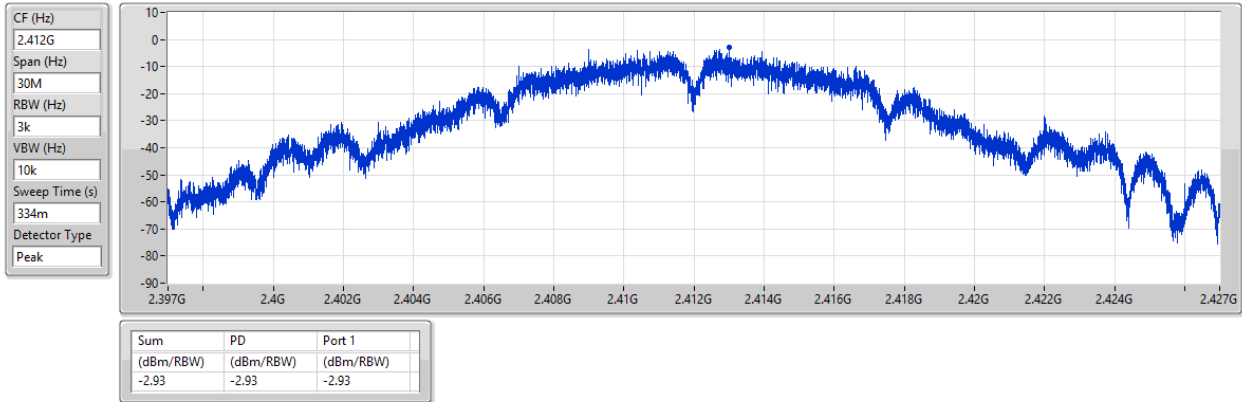
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

06/07/2026

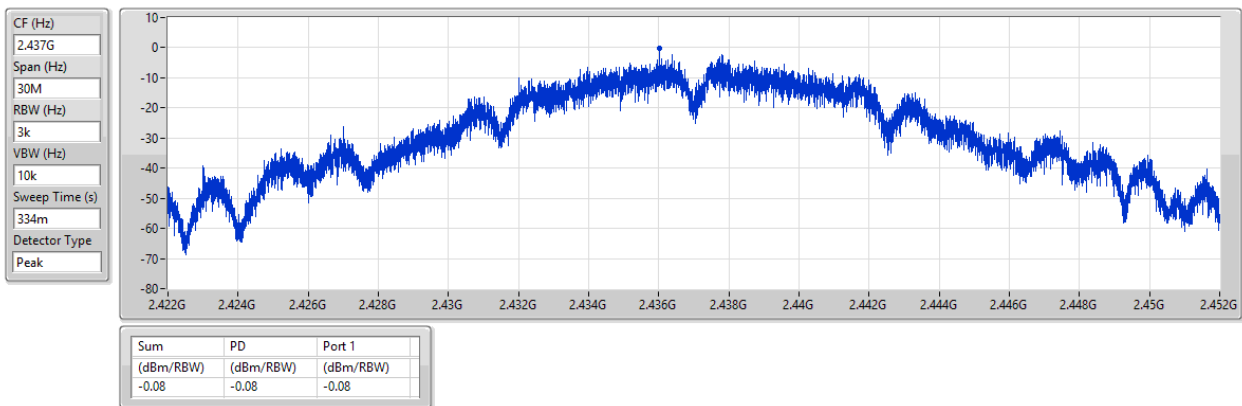


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

06/07/2026

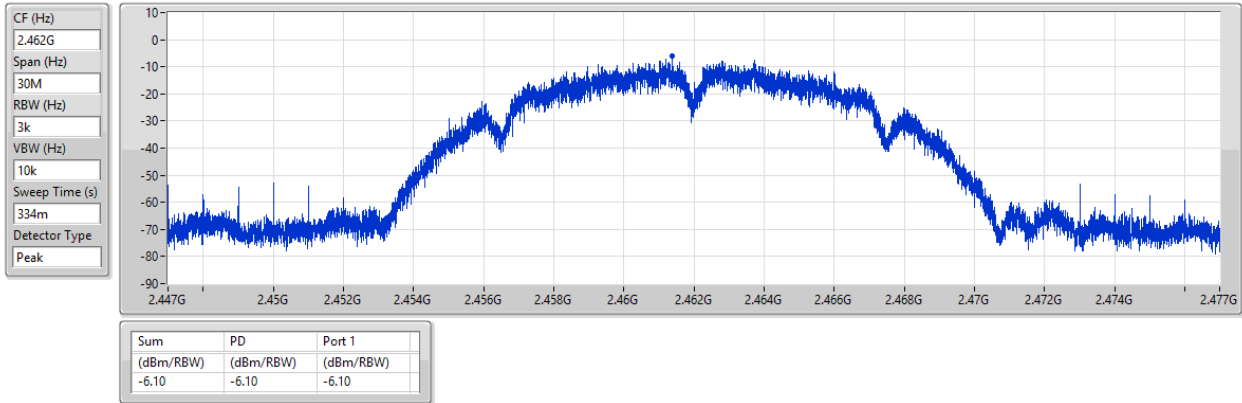


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

06/07/2026

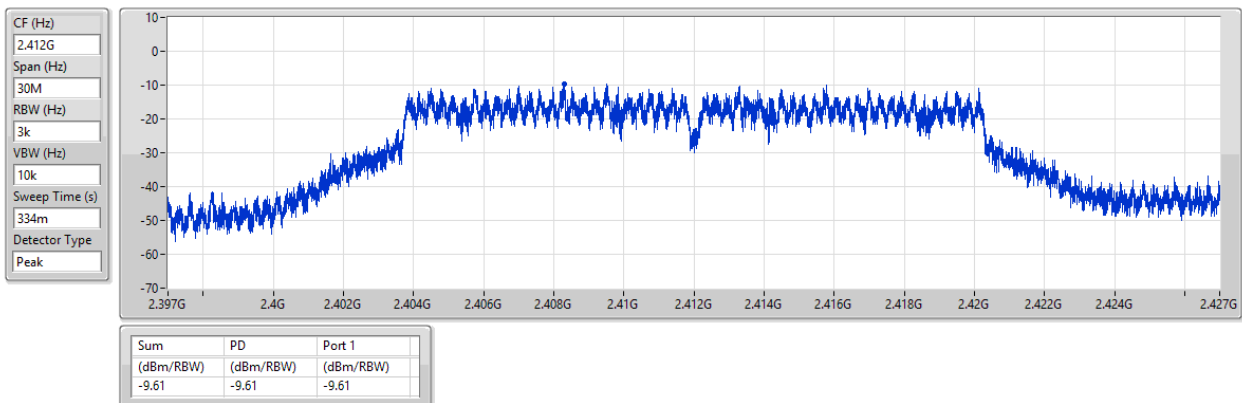


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

06/07/2026

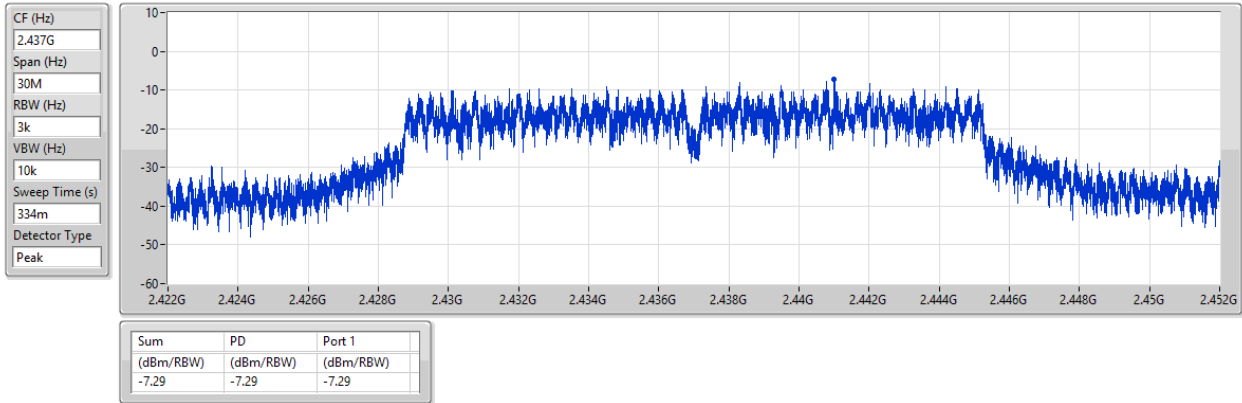


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

06/07/2026

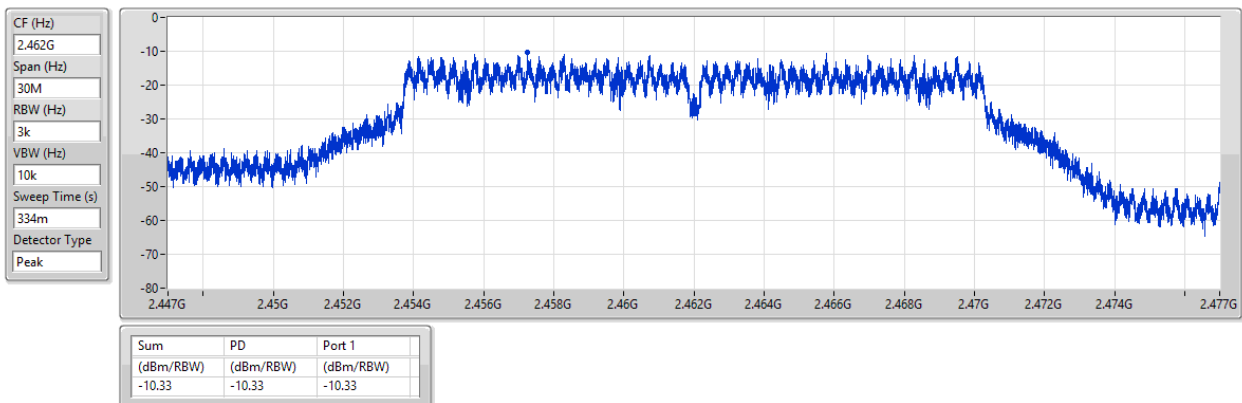


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

06/07/2026

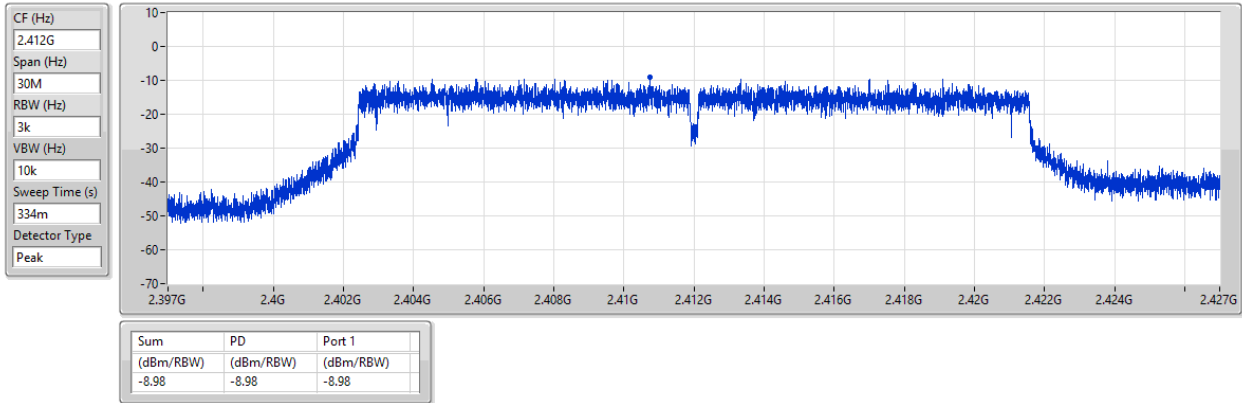


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2412MHz

06/07/2026

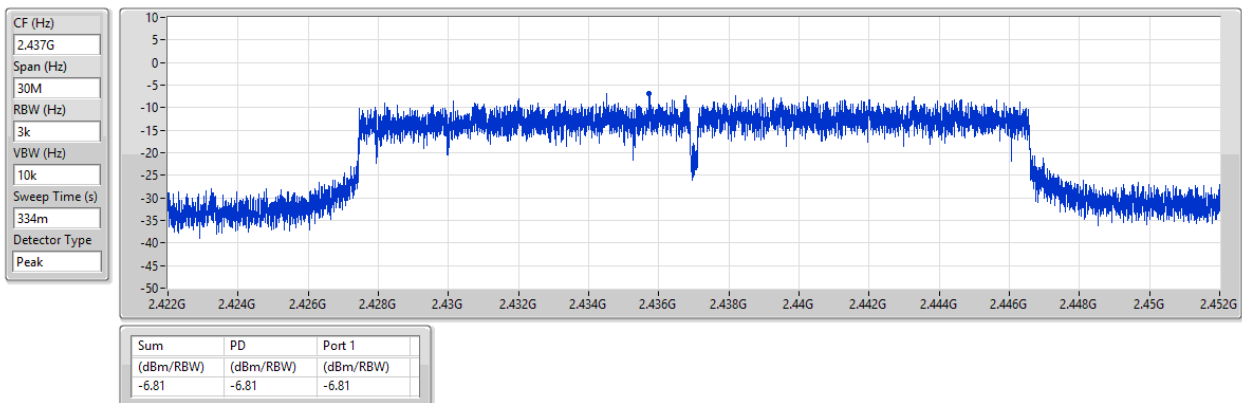


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2437MHz

06/07/2026

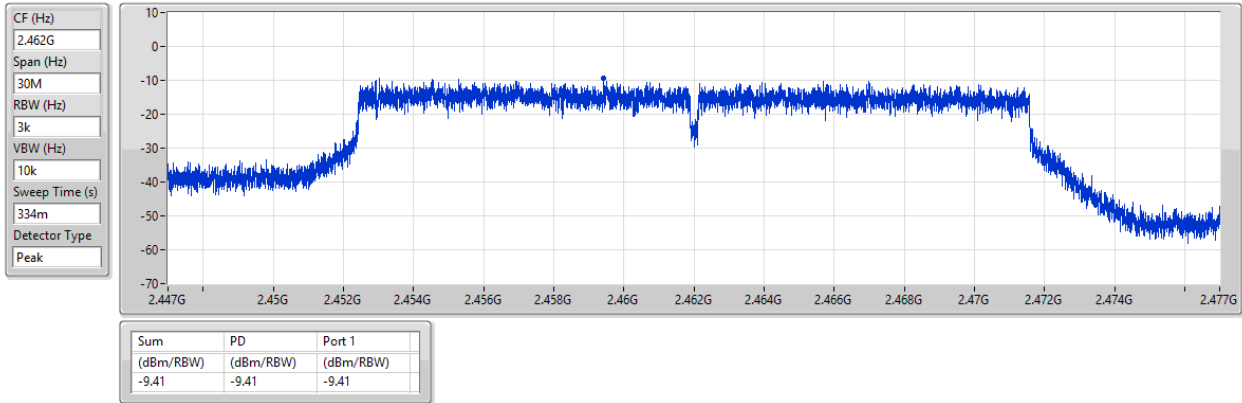


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2462MHz

06/07/2026

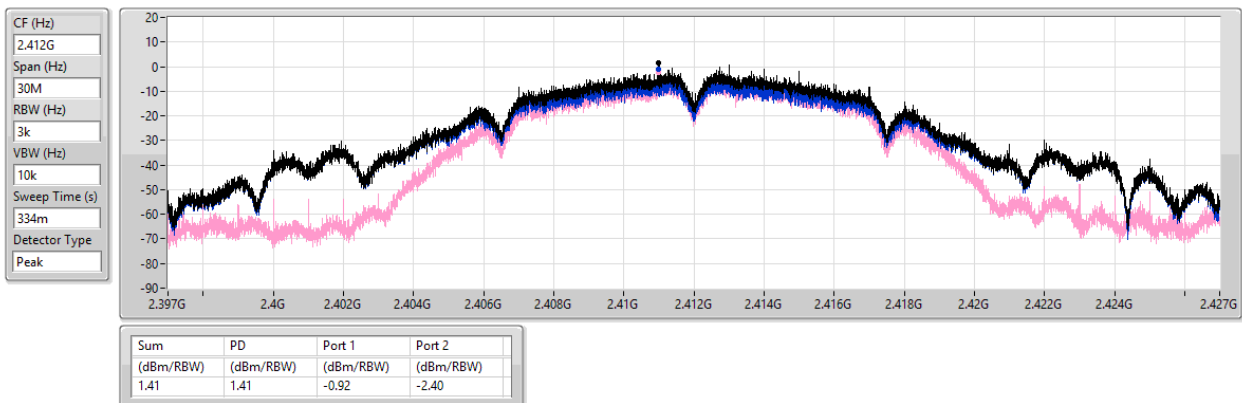


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

06/07/2026

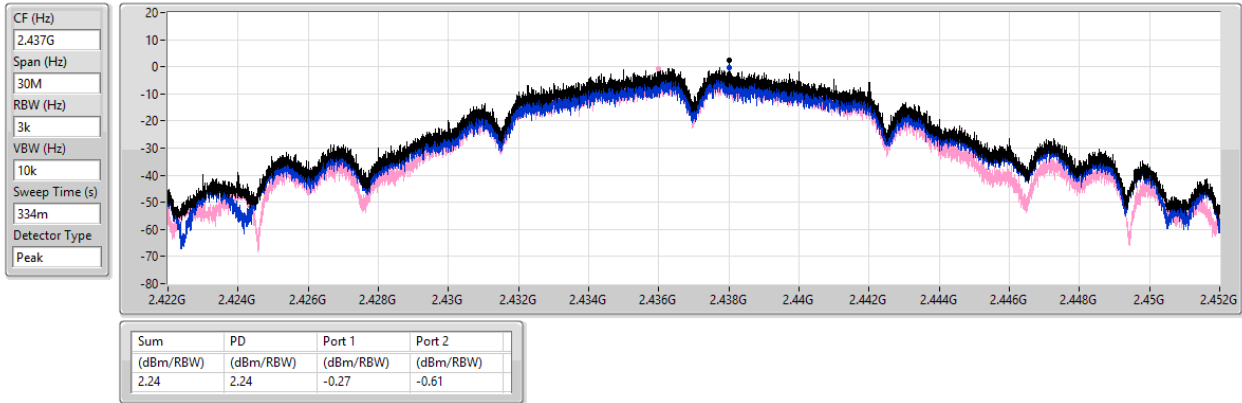


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

06/07/2026

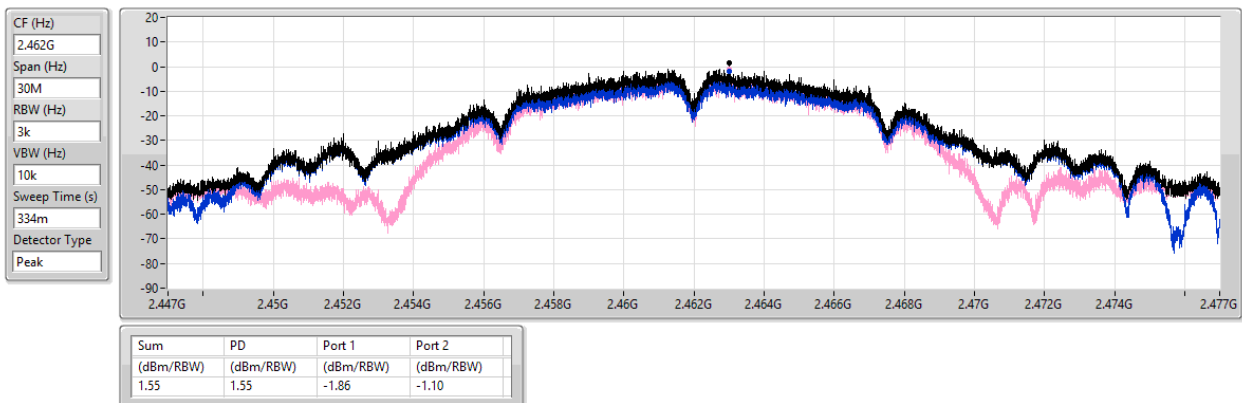


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

06/07/2026

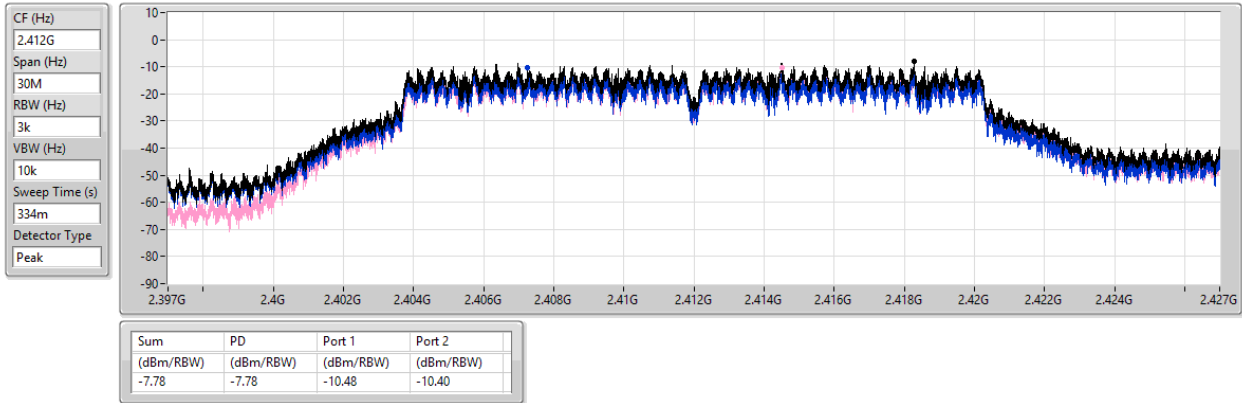


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

06/07/2026

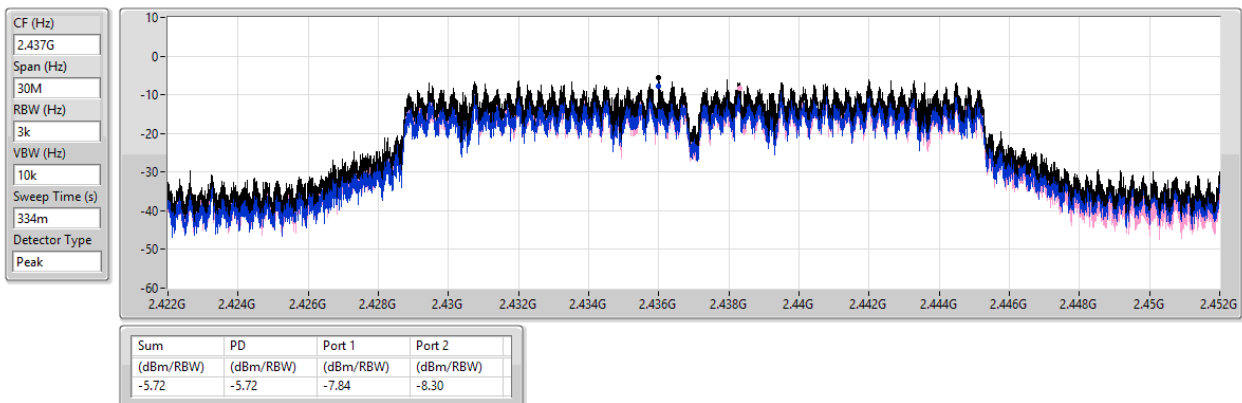


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

06/07/2026

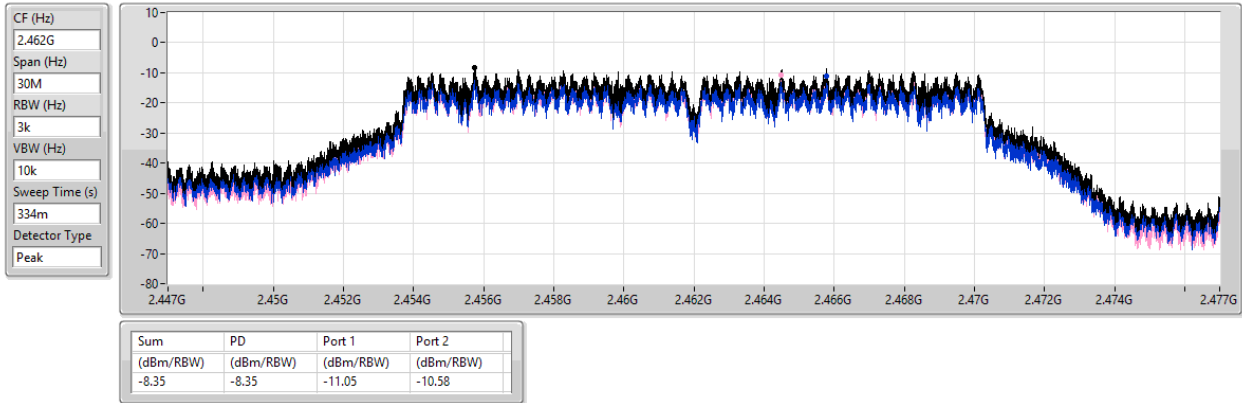


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

06/07/2026

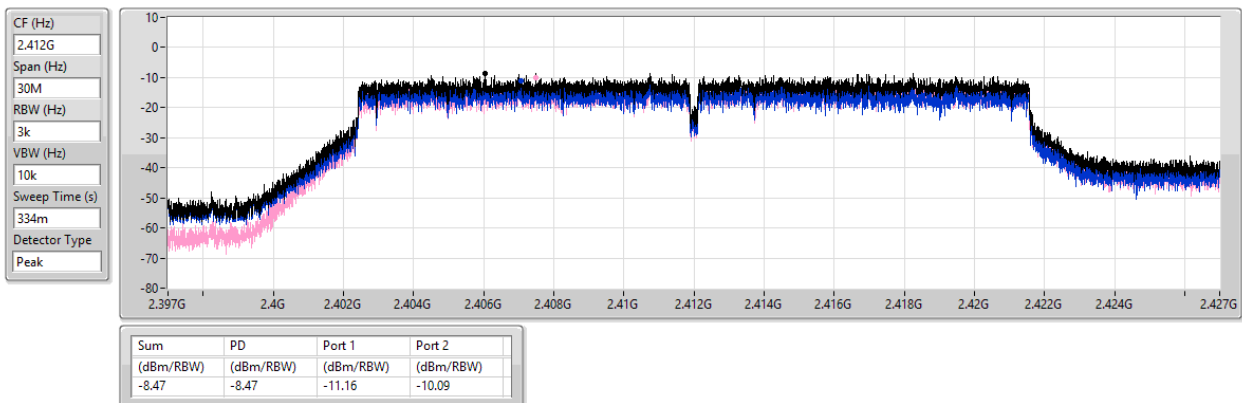


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

06/07/2026

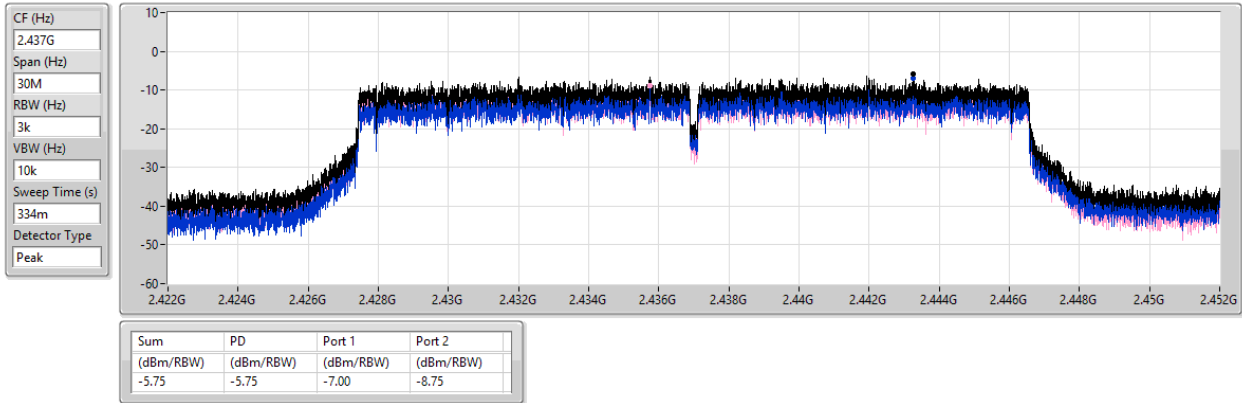


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

06/07/2026

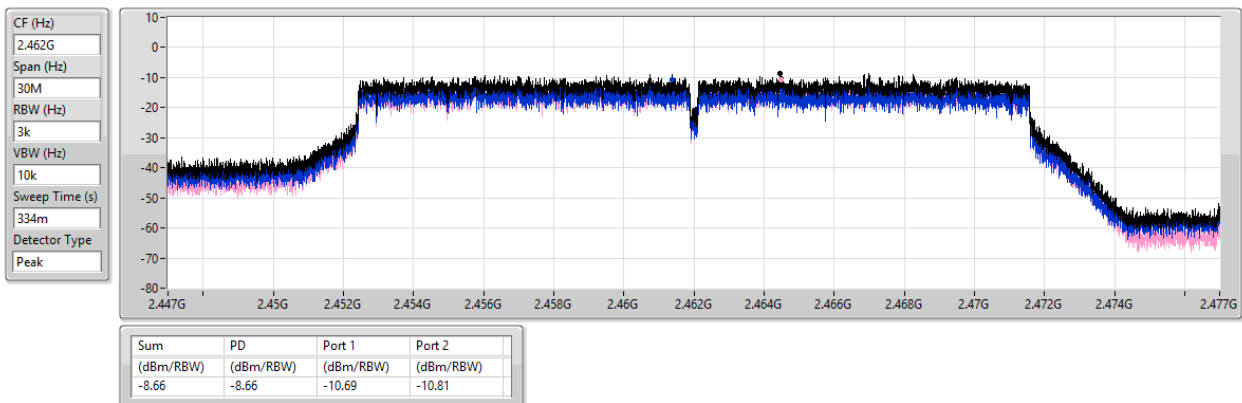


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2462MHz

06/07/2026

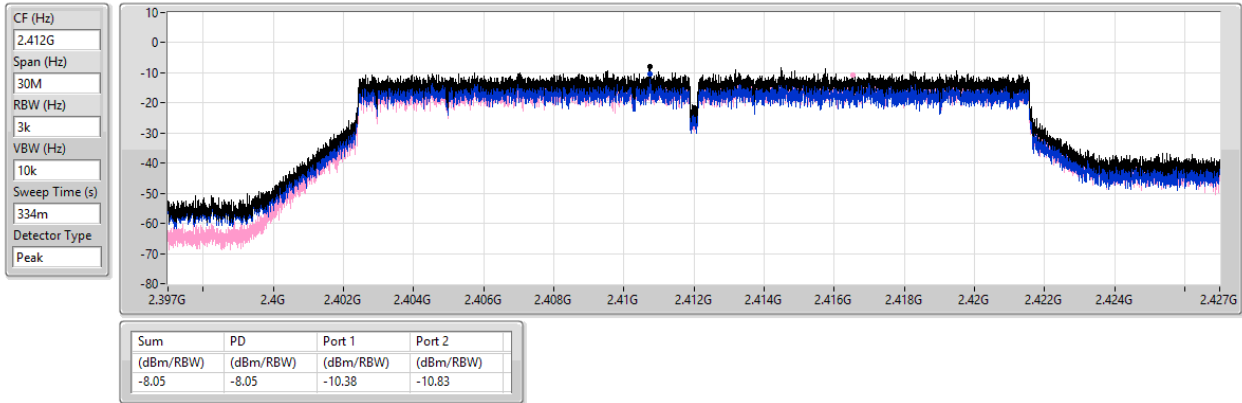


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2412MHz

06/07/2026

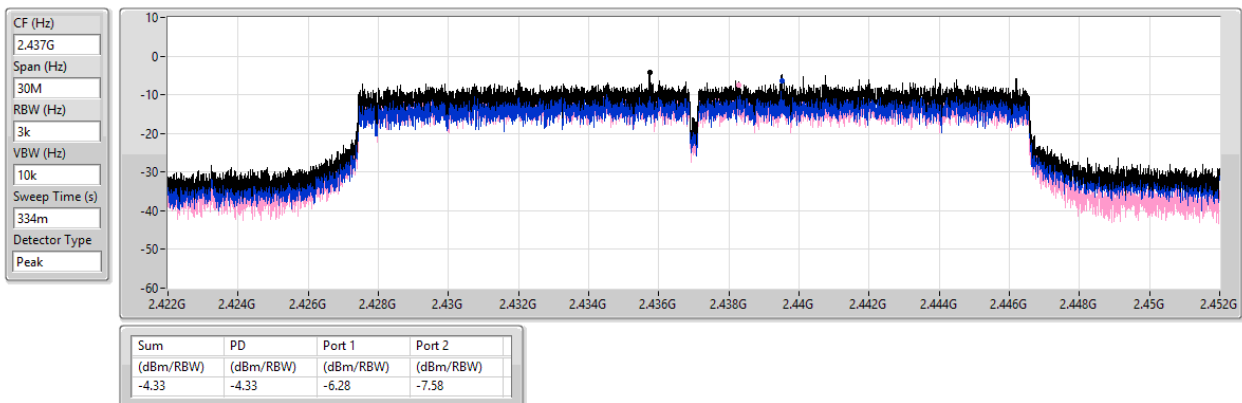


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2437MHz

06/07/2026



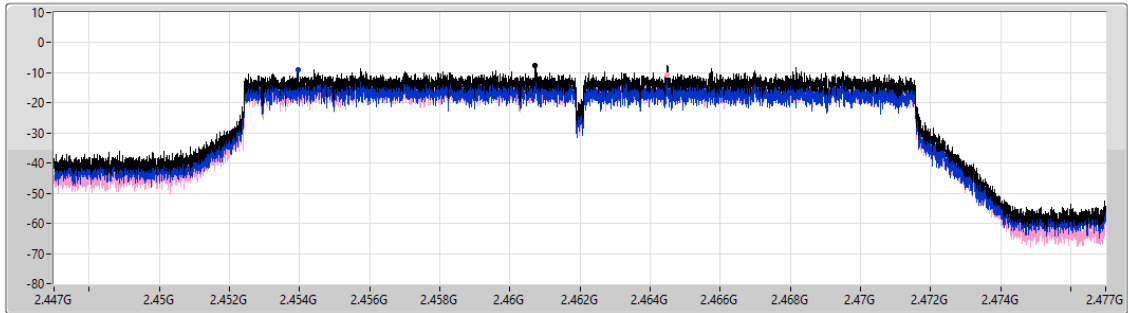
2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2462MHz

06/07/2026

CF (Hz)
2.462G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
334m
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.52	-7.52	-9.00	-10.79

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	0.58
802.11b_Nss1,(1Mbps)_2TX	3.25
802.11g_Nss1,(6Mbps)_1TX	-7.06
802.11g_Nss1,(6Mbps)_2TX	-4.79
802.11be EHT20_Nss1,(MCS0)_1TX	-6.48
802.11be EHT20_Nss1,(MCS0)_2TX	-4.40
802.11be EHT20_Nss2,(MCS0)_2TX	-3.46

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	7.17	-1.91		-1.91	6.83
2437MHz	Pass	7.17	0.58		0.58	6.83
2462MHz	Pass	7.17	-1.90		-1.90	6.83
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	7.17	-10.01		-10.01	6.83
2437MHz	Pass	7.17	-7.06		-7.06	6.83
2462MHz	Pass	7.17	-10.22		-10.22	6.83
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	7.17	-8.73		-8.73	6.83
2437MHz	Pass	7.17	-6.48		-6.48	6.83
2462MHz	Pass	7.17	-8.83		-8.83	6.83
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.17	-2.78	-2.45	-1.22	6.83
2437MHz	Pass	7.17	0.16	0.31	3.25	6.83
2462MHz	Pass	7.17	-2.37	-3.34	0.18	6.83
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.17	-10.63	-9.05	-6.76	6.83
2437MHz	Pass	7.17	-7.36	-8.00	-4.79	6.83
2462MHz	Pass	7.17	-10.26	-10.13	-8.09	6.83
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.17	-8.99	-9.95	-7.89	6.83
2437MHz	Pass	7.17	-5.56	-8.07	-4.40	6.83
2462MHz	Pass	7.17	-9.12	-9.40	-6.64	6.83
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.95	-9.27	-8.94	-7.04	7.05
2437MHz	Pass	6.95	-6.19	-6.12	-3.46	7.05
2462MHz	Pass	6.95	-9.08	-9.85	-7.28	7.05

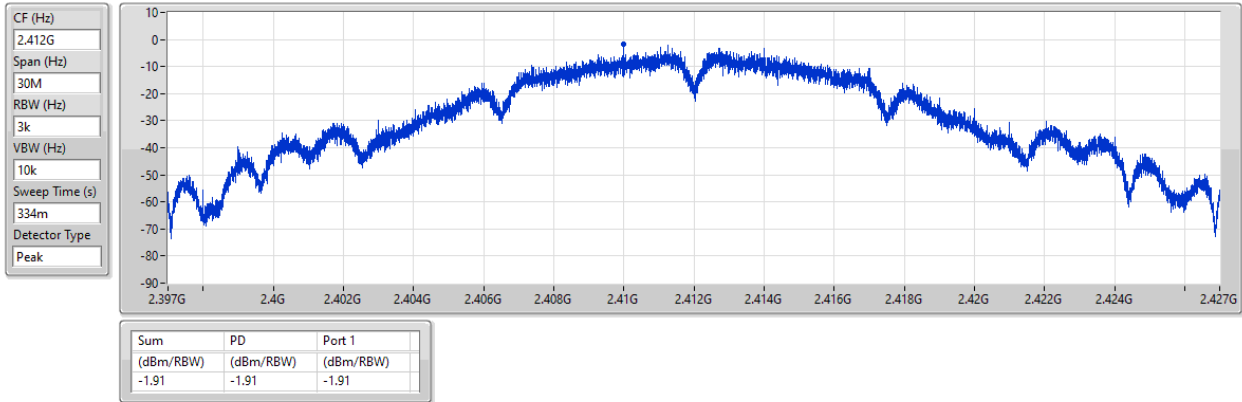
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

14/07/2026

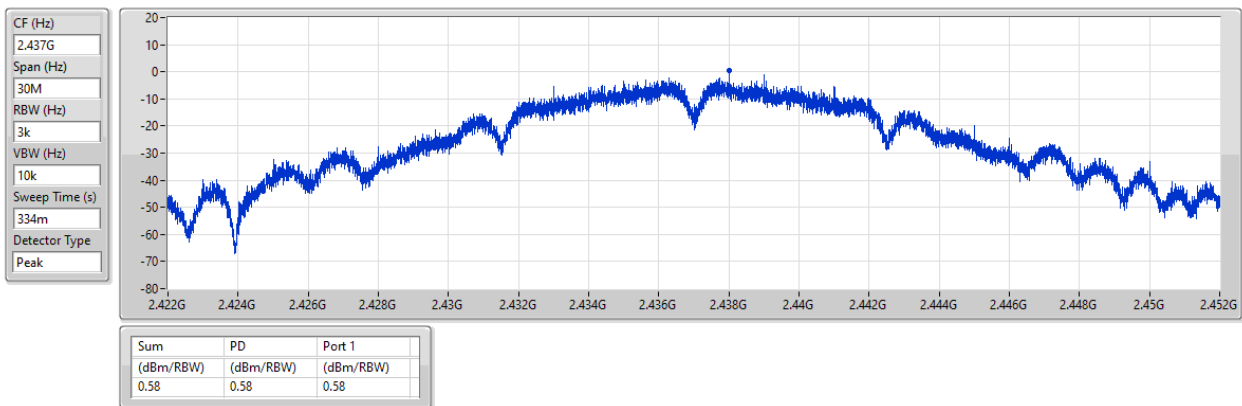


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

14/07/2026

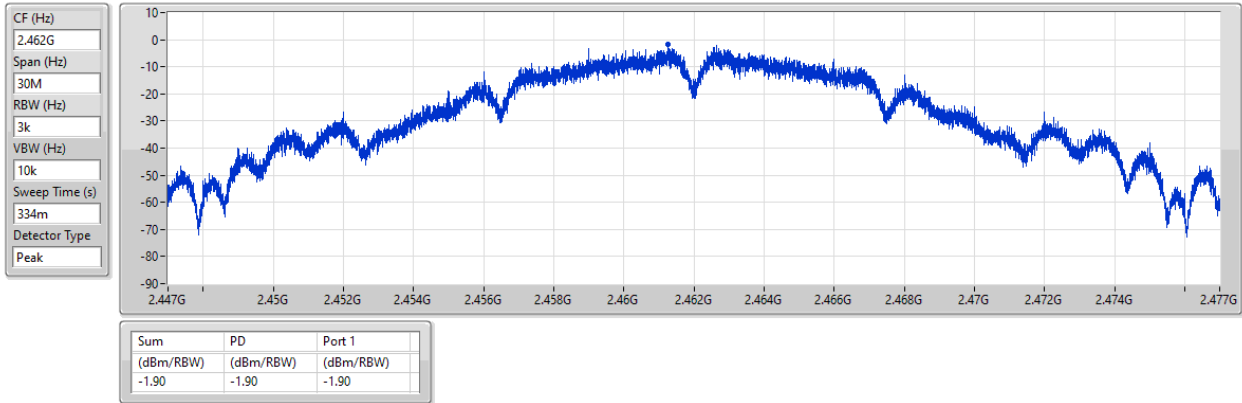


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

14/07/2026

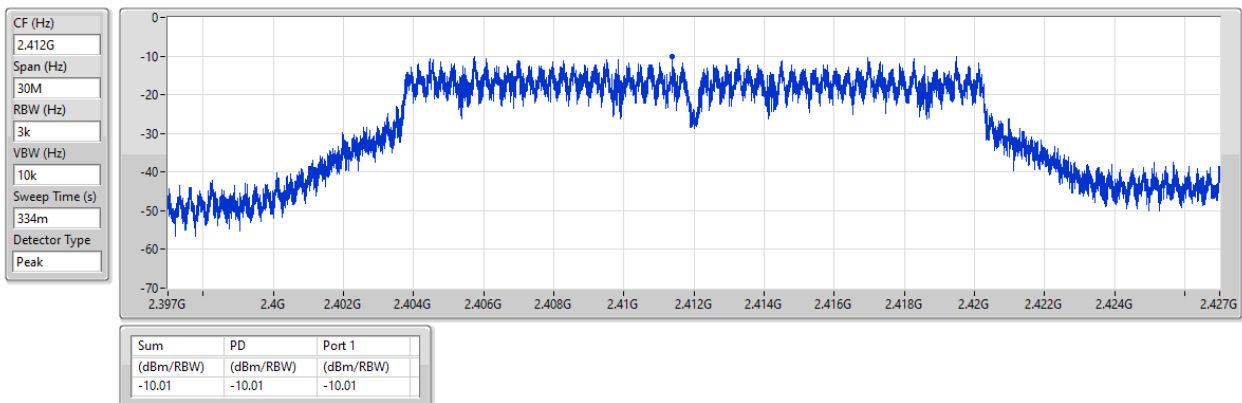


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

14/07/2026

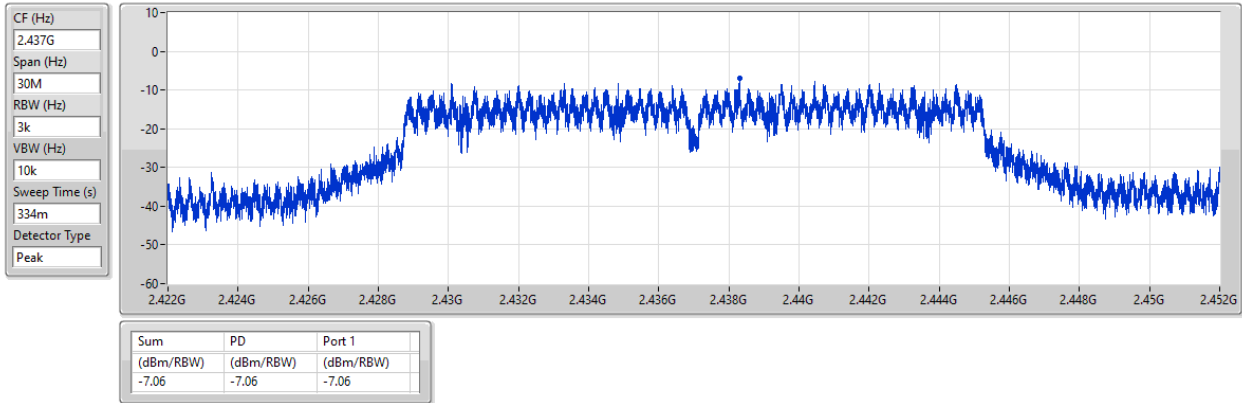


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

14/07/2026

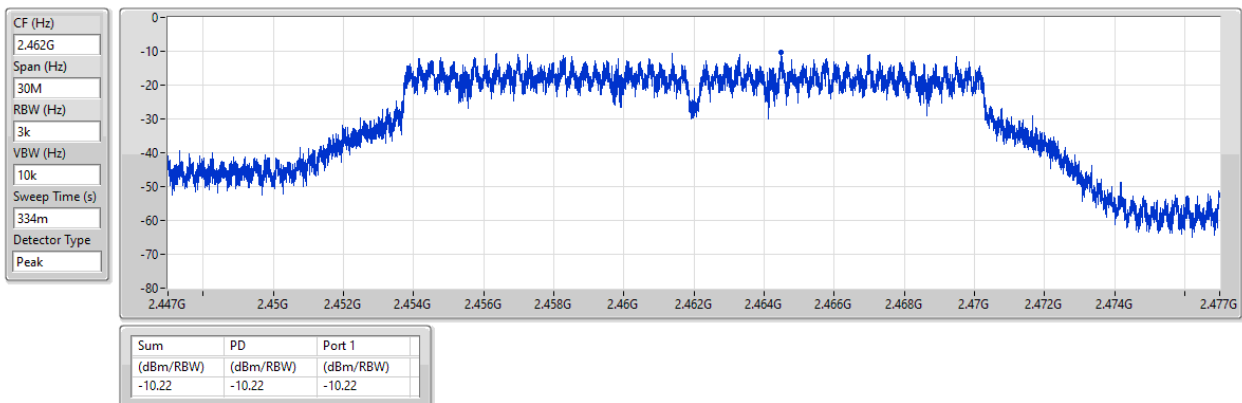


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

14/07/2026

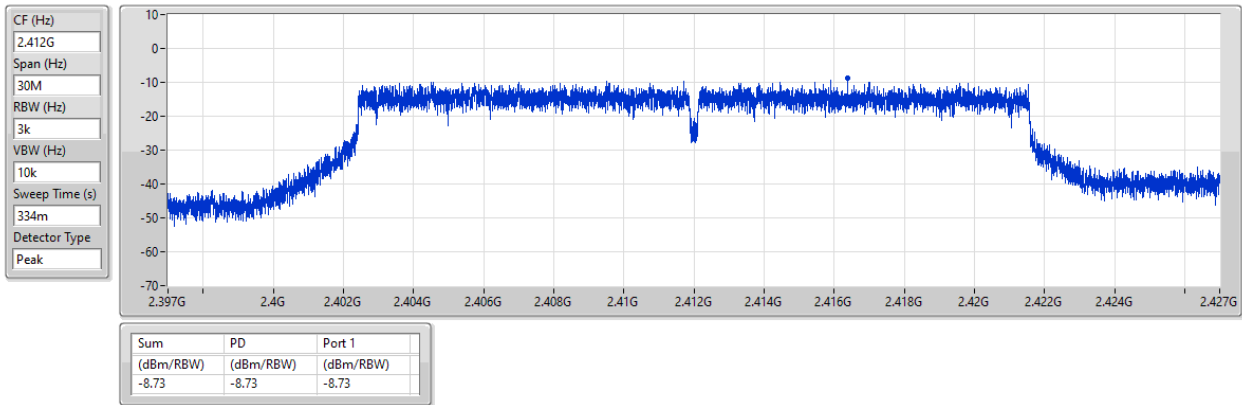


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2412MHz

14/07/2026

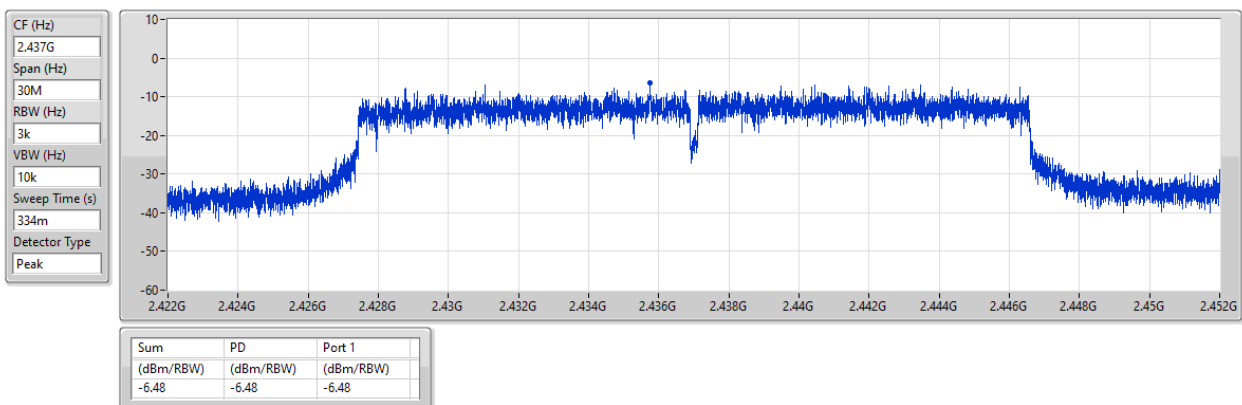


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2437MHz

14/07/2026

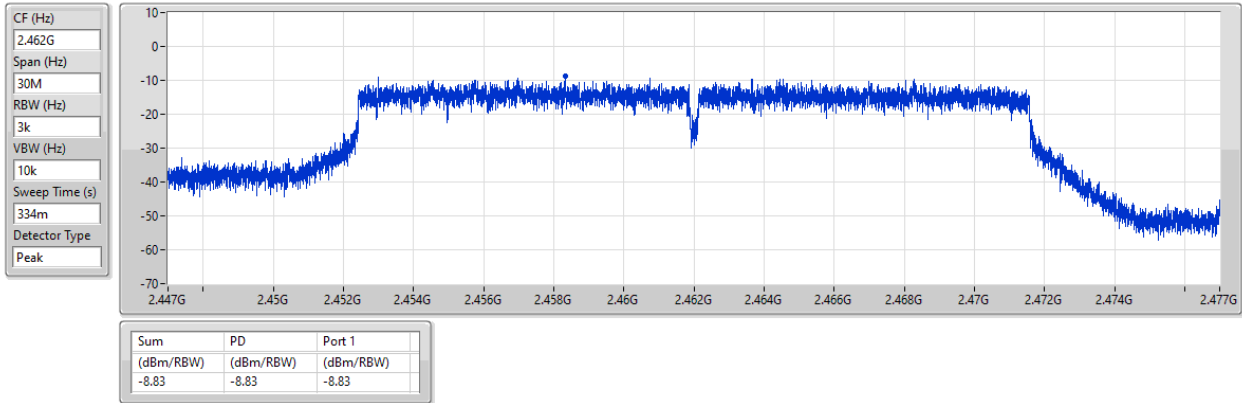


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2462MHz

14/07/2026

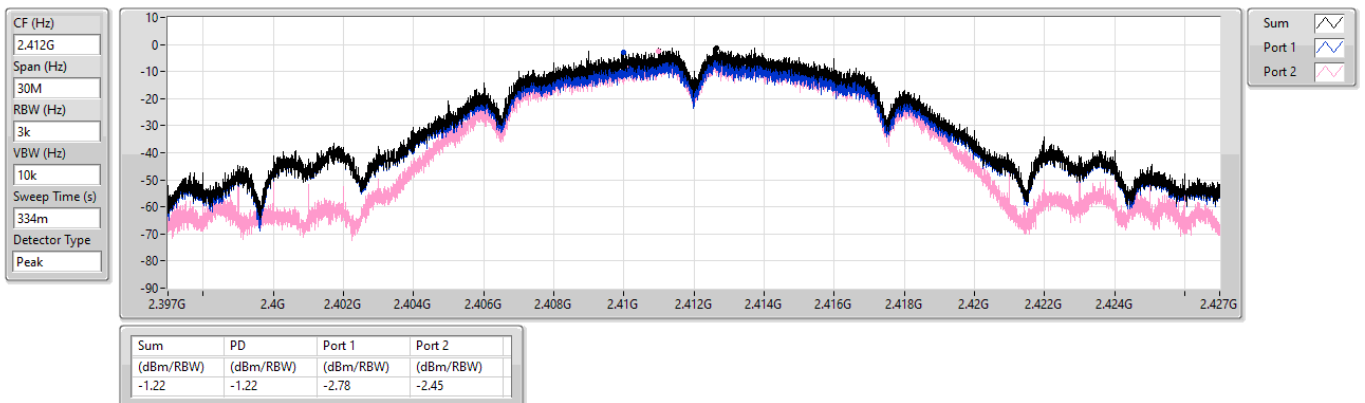


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

14/07/2026

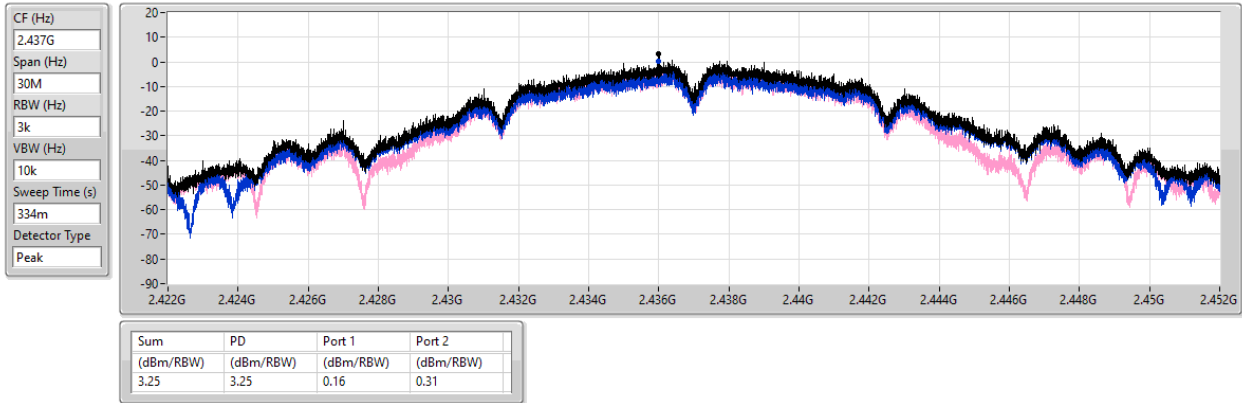


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

14/07/2026

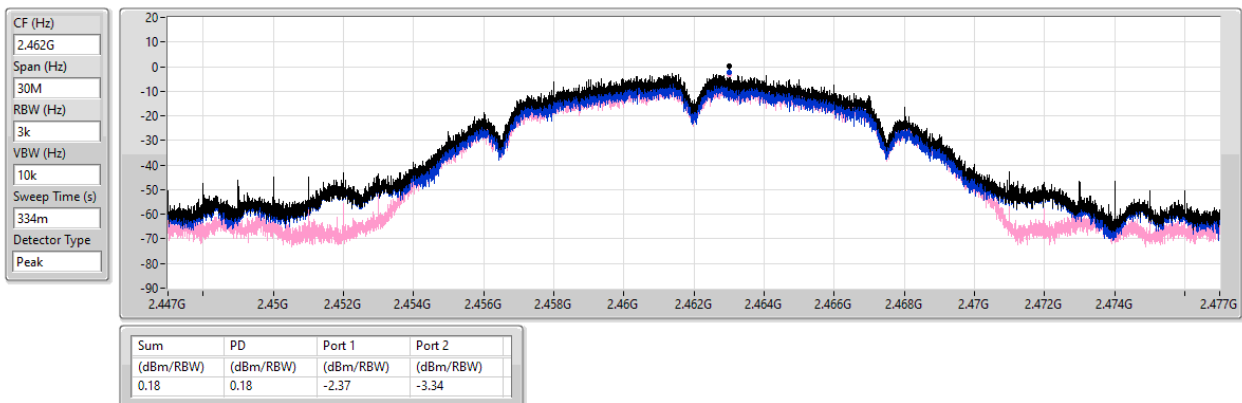


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

14/07/2026

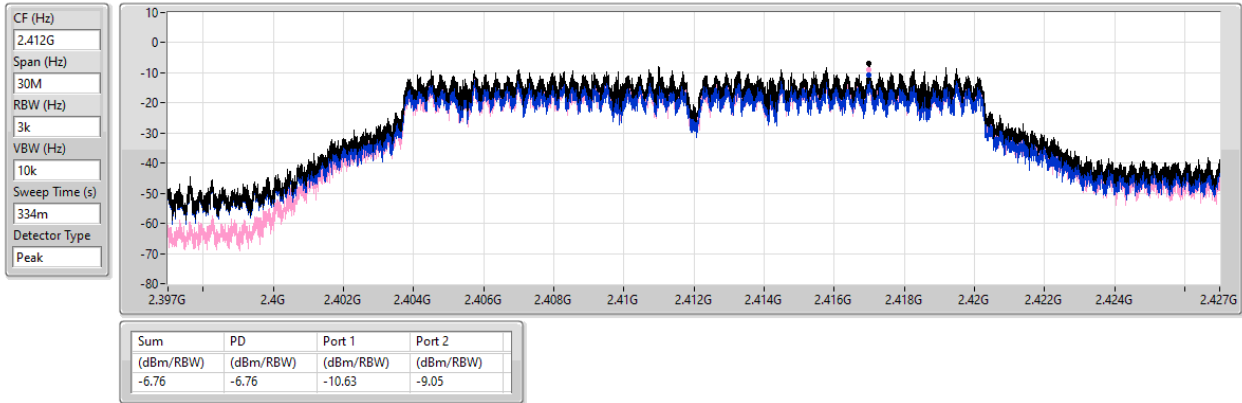


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

14/07/2026

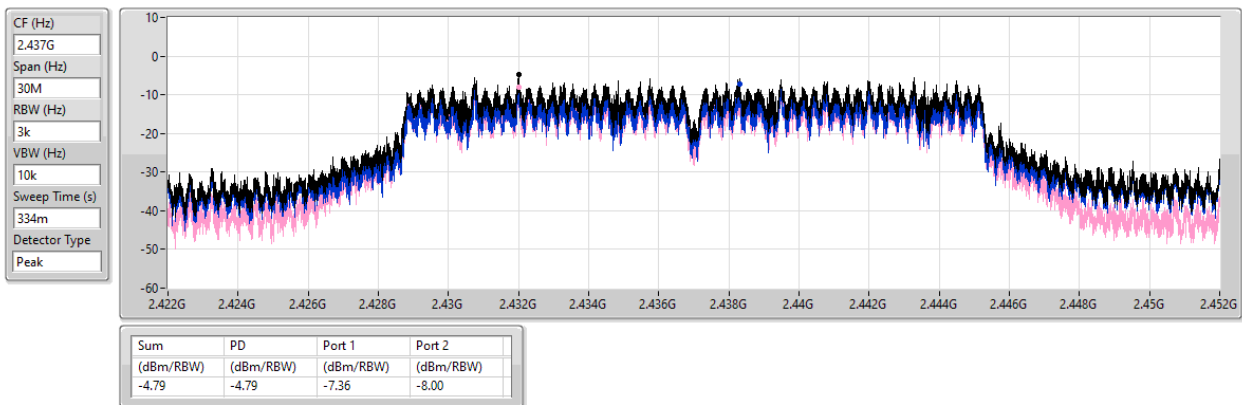


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

14/07/2026

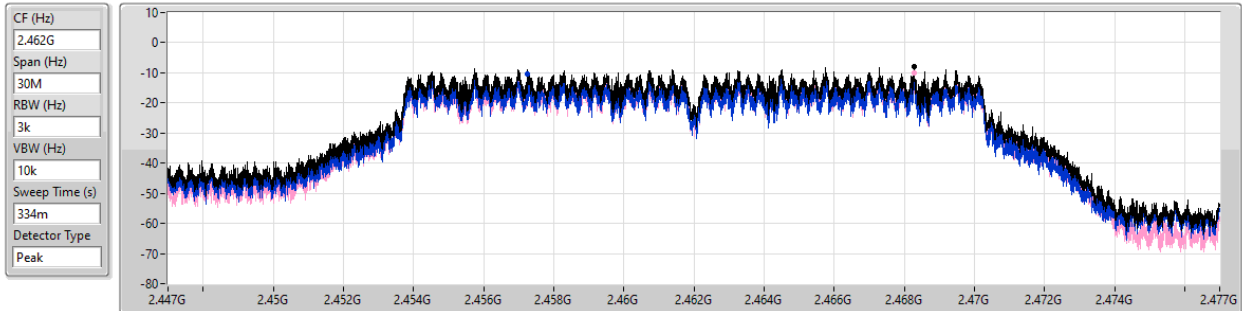


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

14/07/2026



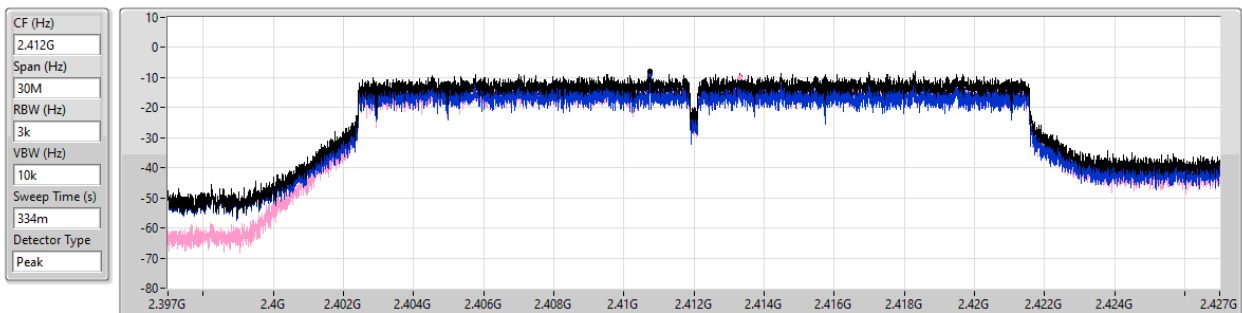
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.09	-8.09	-10.26	-10.13

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

14/07/2026



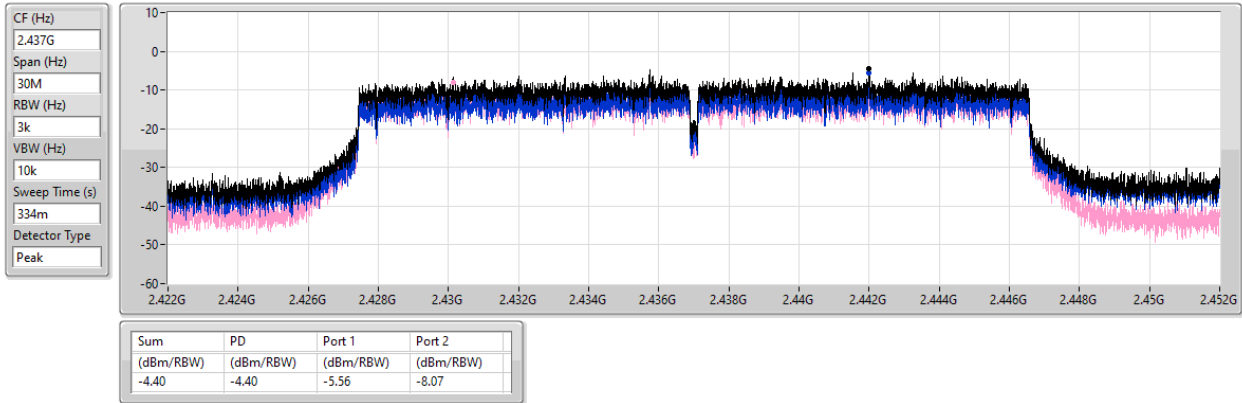
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.89	-7.89	-8.99	-9.95

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

14/07/2026

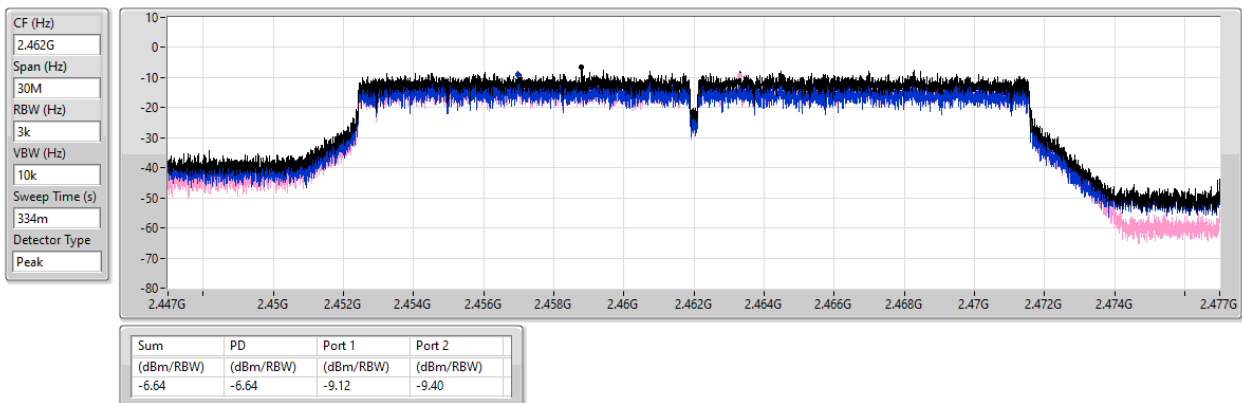


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2462MHz

14/07/2026

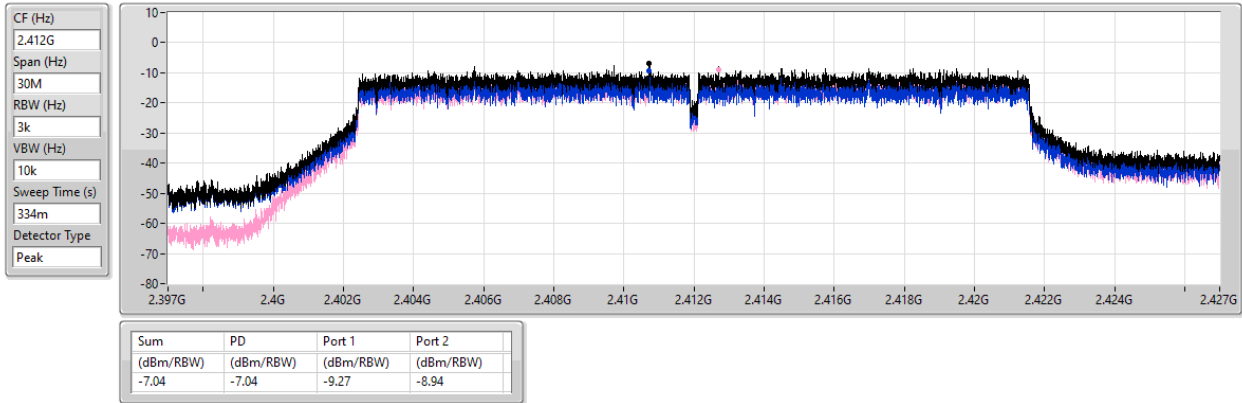


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2412MHz

14/07/2026

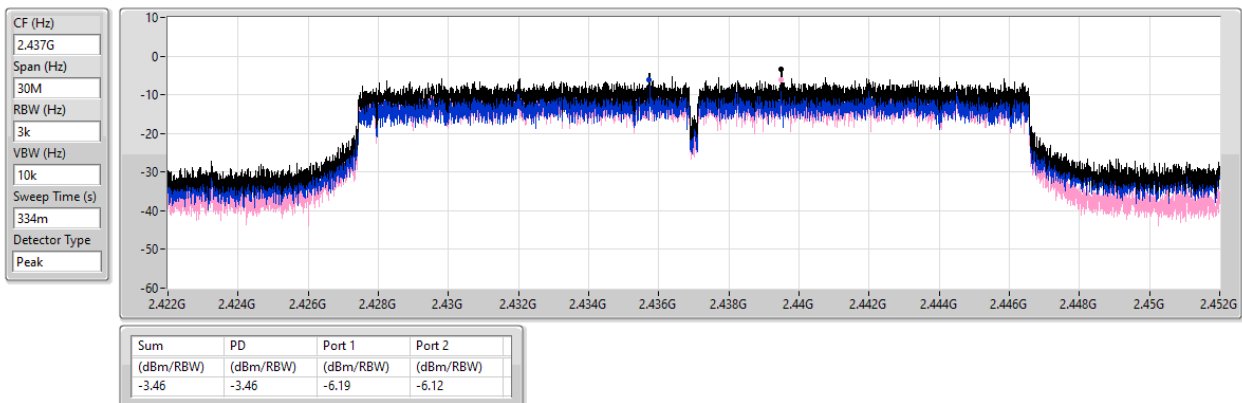


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2437MHz

14/07/2026

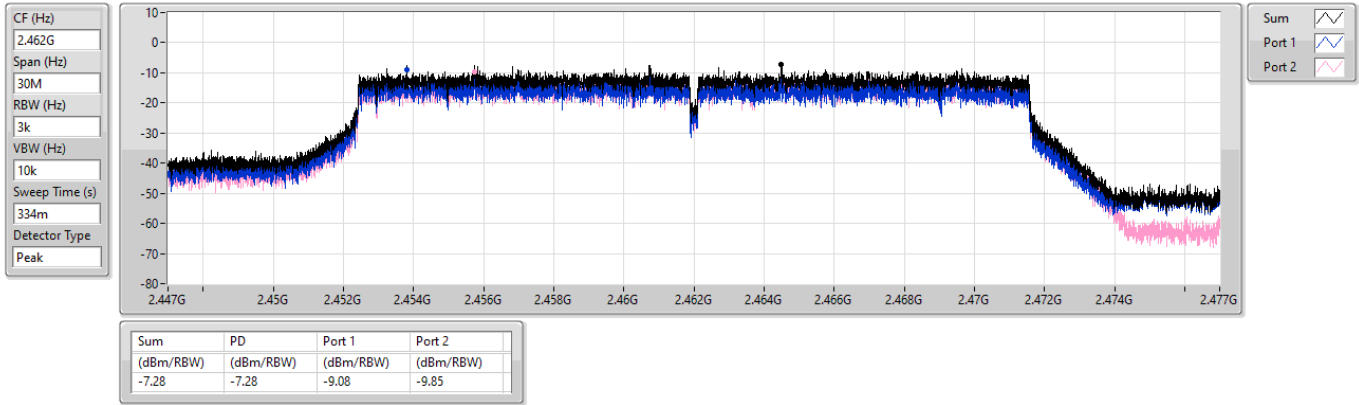


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2462MHz

14/07/2026



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-3.56
802.11b_Nss1,(1Mbps)_2TX	-1.09
802.11g_Nss1,(6Mbps)_1TX	-10.16
802.11g_Nss1,(6Mbps)_2TX	-8.29
802.11be EHT20_Nss1,(MCS0)_1TX	-9.75
802.11be EHT20_Nss1,(MCS0)_2TX	-8.41
802.11be EHT20_Nss2,(MCS0)_2TX	-6.81

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	11.67	-5.51		-5.51	2.33
2437MHz	Pass	11.67	-3.56		-3.56	2.33
2462MHz	Pass	11.67	-5.11		-5.11	2.33
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	11.67	-11.08		-11.08	2.33
2437MHz	Pass	11.67	-10.20		-10.20	2.33
2462MHz	Pass	11.67	-10.16		-10.16	2.33
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	11.67	-11.60		-11.60	2.33
2437MHz	Pass	11.67	-9.75		-9.75	2.33
2462MHz	Pass	11.67	-10.40		-10.40	2.33
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.67	-6.20	-5.33	-3.62	2.33
2437MHz	Pass	11.67	-2.59	-3.82	-1.09	2.33
2462MHz	Pass	11.67	-5.93	-5.49	-2.87	2.33
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.67	-12.01	-11.57	-9.22	2.33
2437MHz	Pass	11.67	-10.19	-9.20	-8.29	2.33
2462MHz	Pass	11.67	-11.86	-12.79	-10.50	2.33
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.67	-11.31	-11.89	-9.97	2.33
2437MHz	Pass	11.67	-10.70	-10.35	-8.41	2.33
2462MHz	Pass	11.67	-11.53	-12.02	-9.36	2.33
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.45	-11.77	-10.77	-8.24	2.55
2437MHz	Pass	11.45	-9.23	-9.97	-6.81	2.55
2462MHz	Pass	11.45	-11.20	-11.40	-8.34	2.55

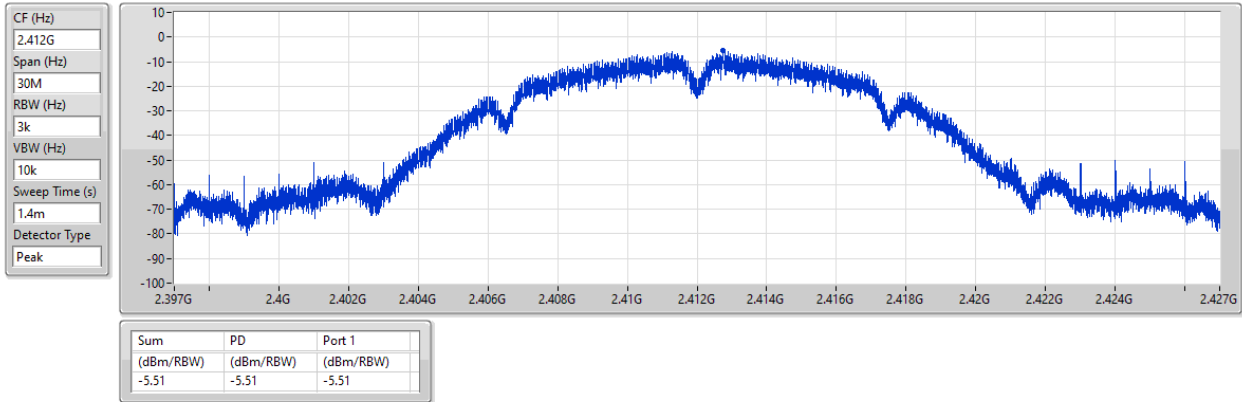
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

10/08/2026

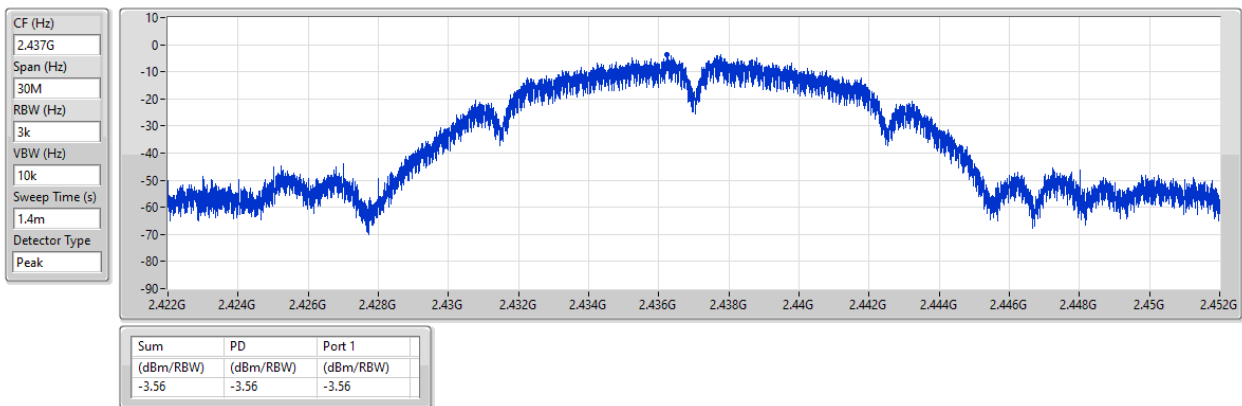


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

10/08/2026

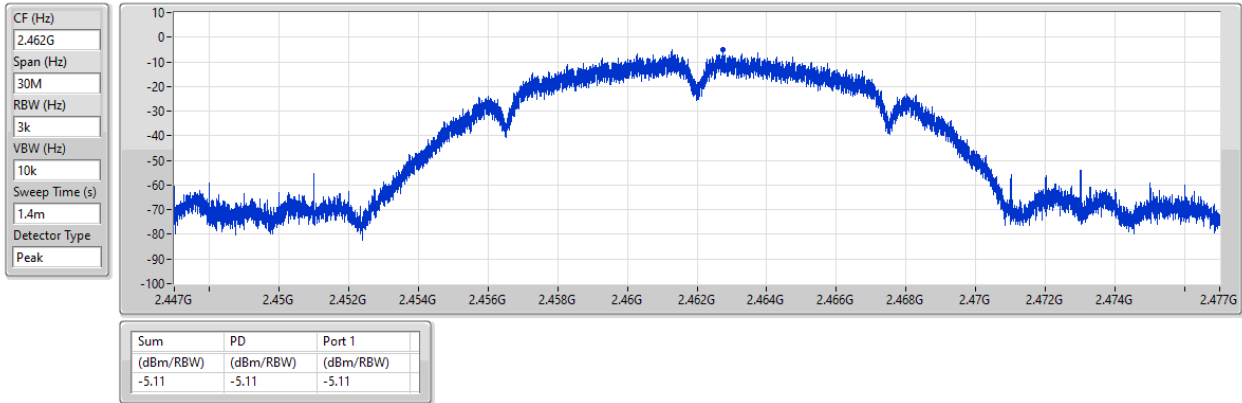


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

10/08/2026

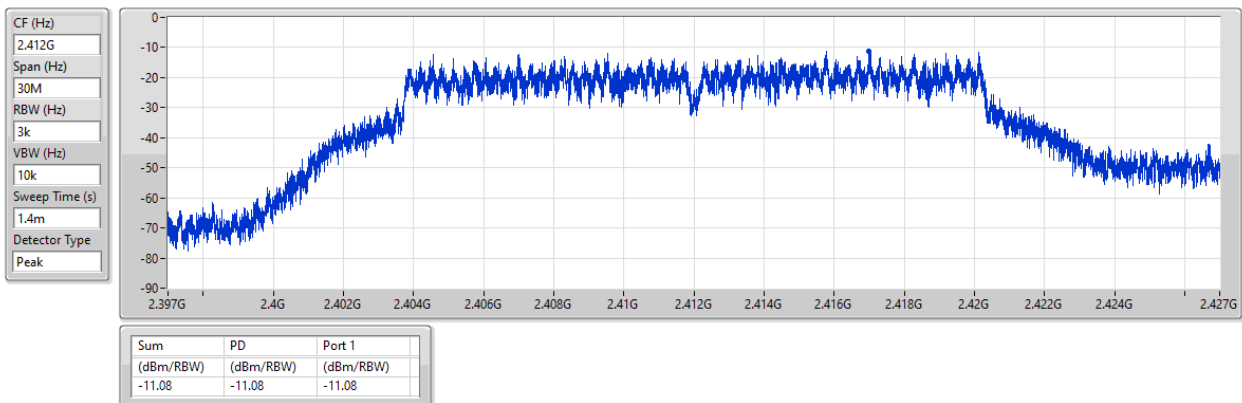


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

10/08/2026

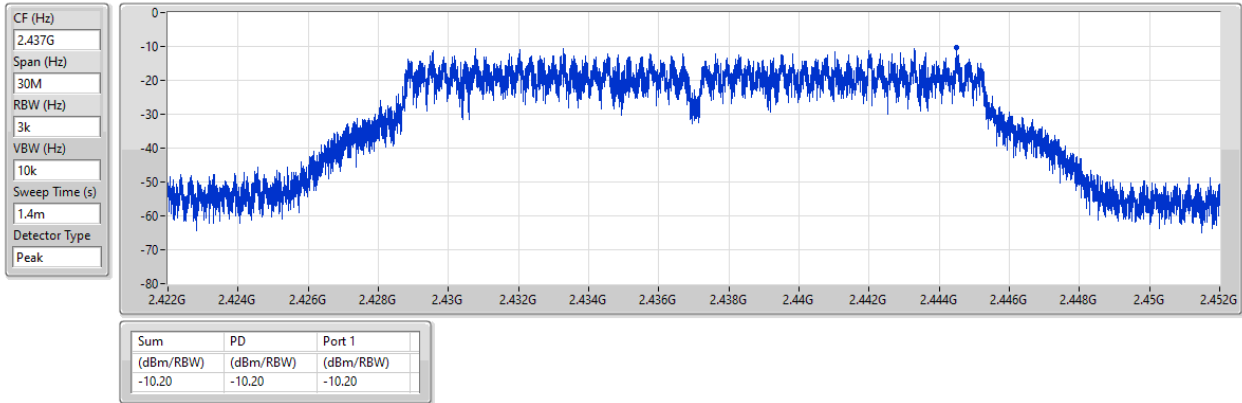


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

10/08/2026

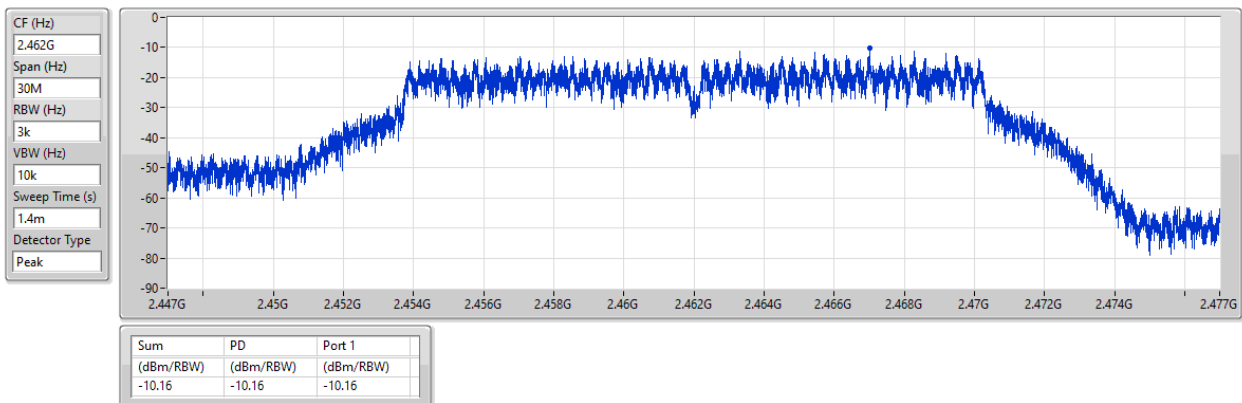


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

10/08/2026

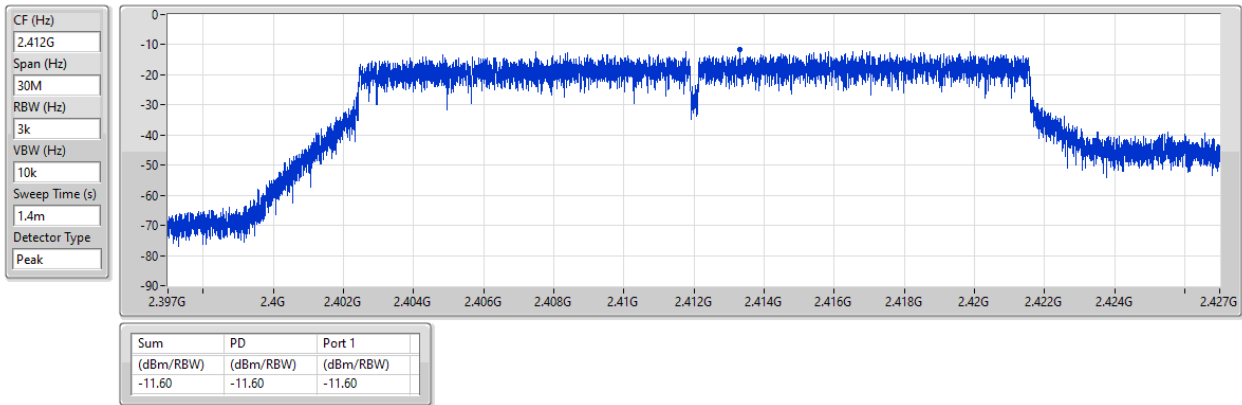


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2412MHz

10/08/2026

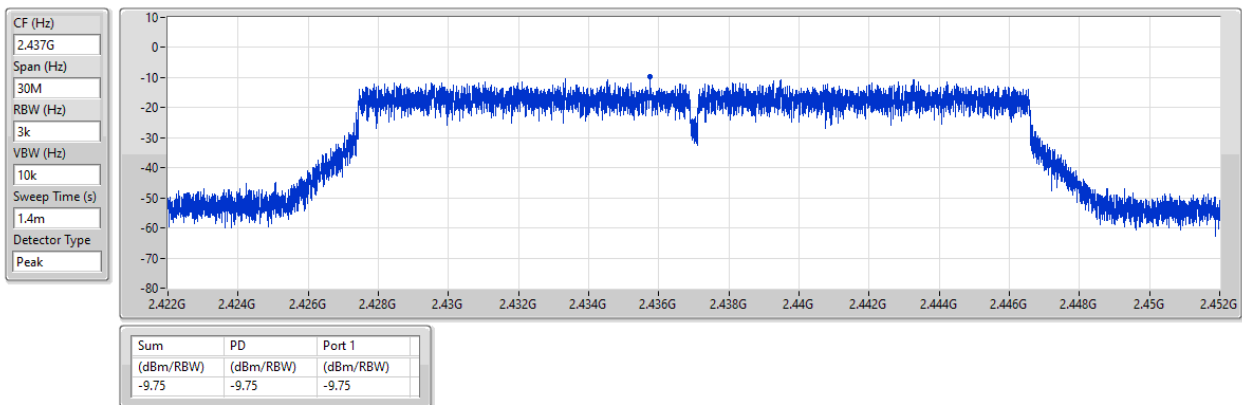


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2437MHz

10/08/2026

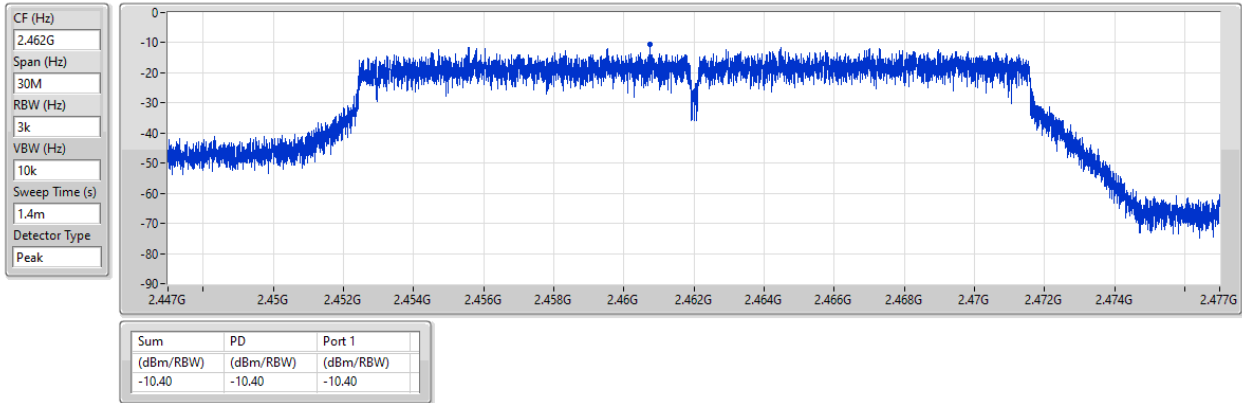


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2462MHz

10/08/2026

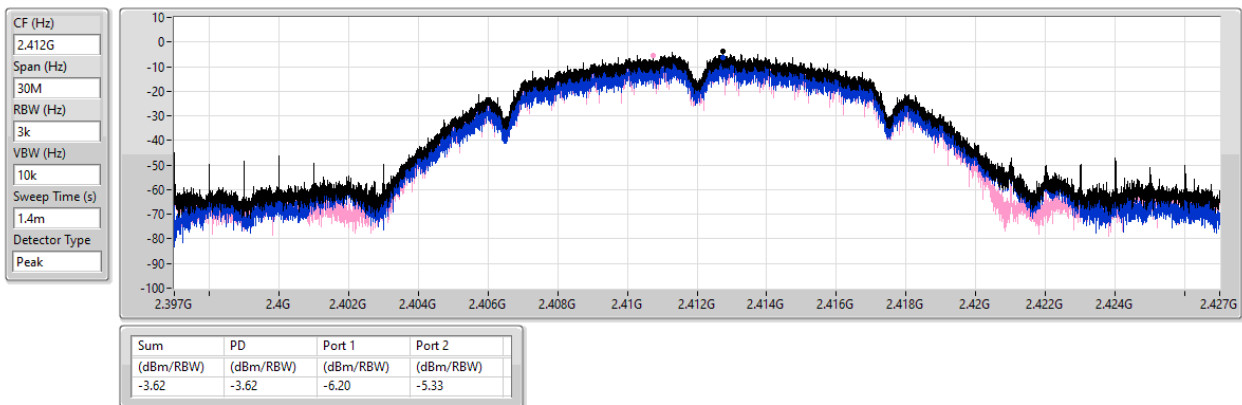


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

10/08/2026

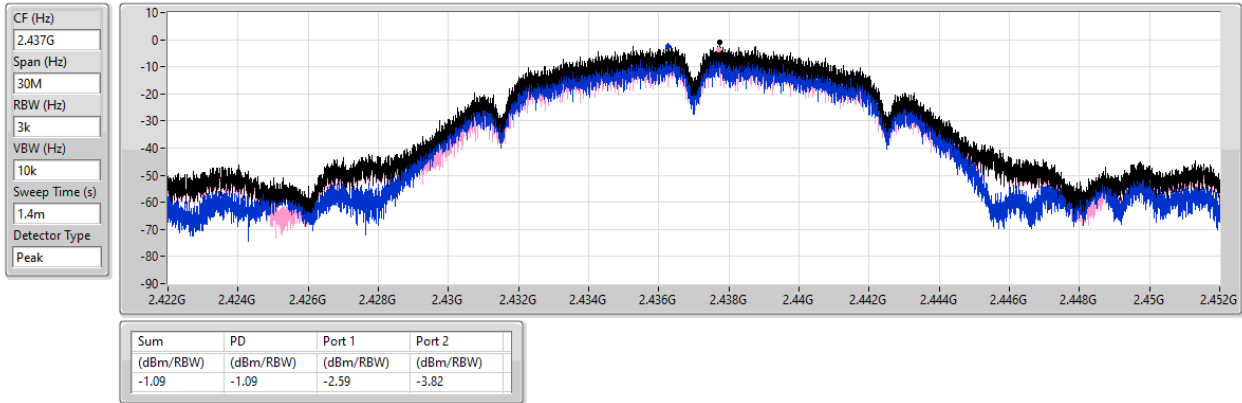


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

10/08/2026

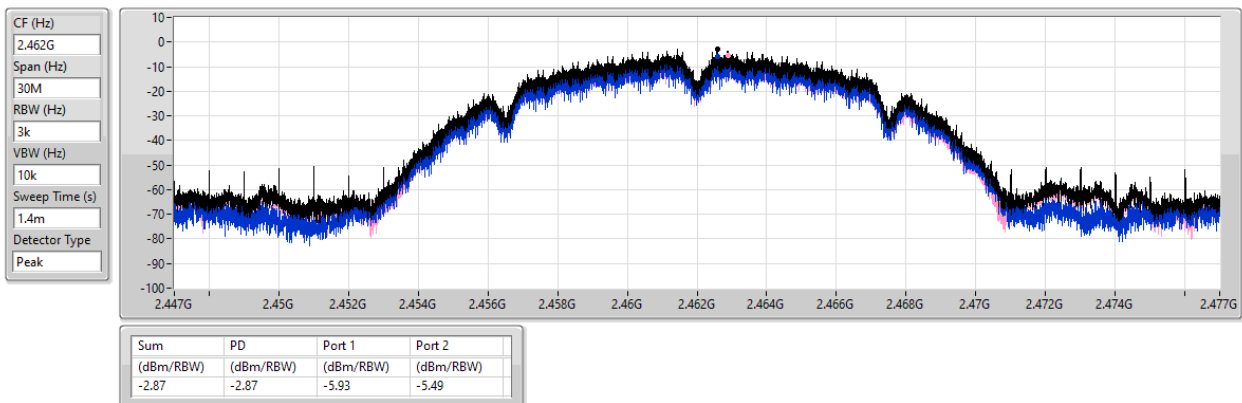


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

10/08/2026

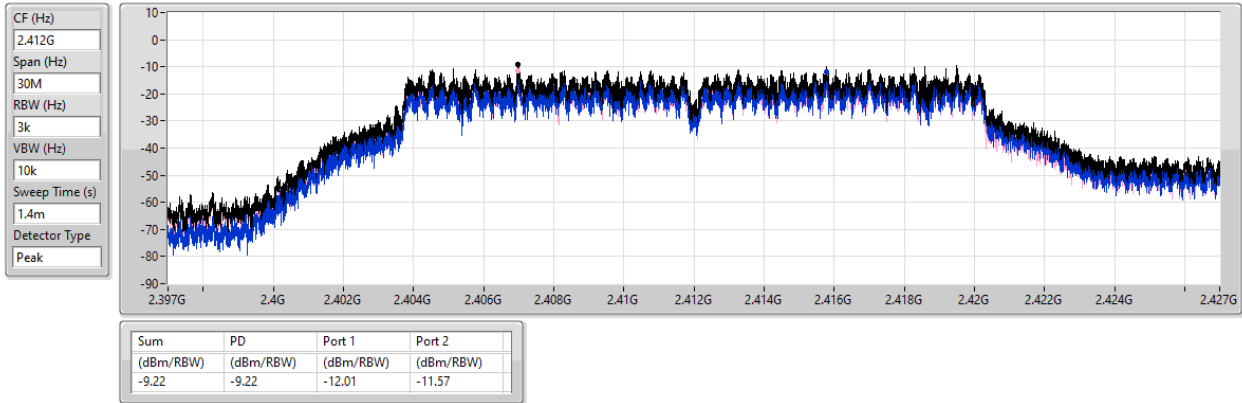


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

10/08/2026

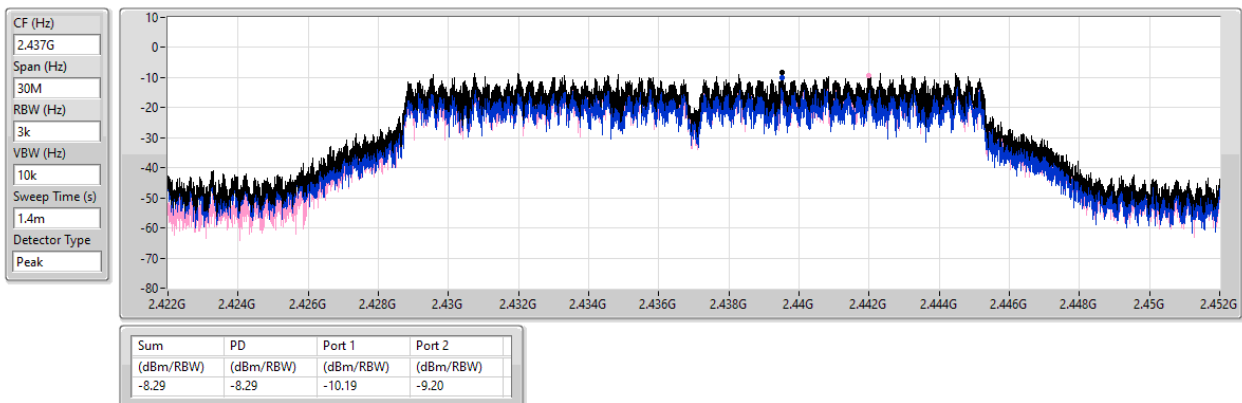


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

10/08/2026

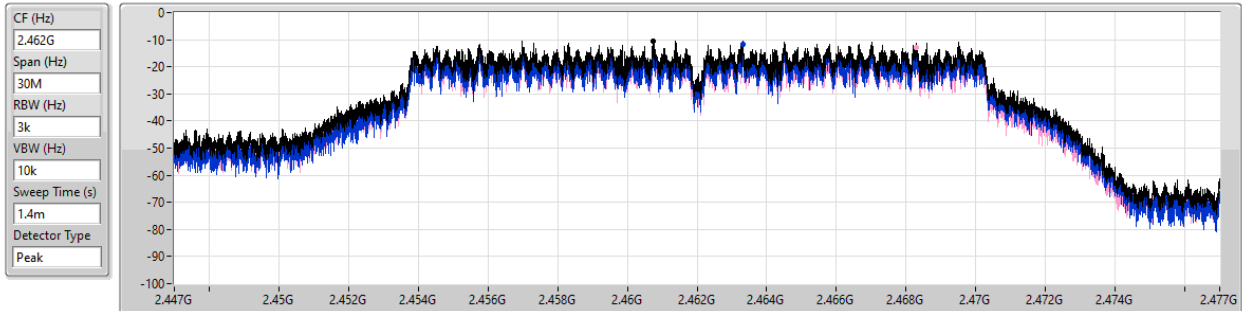


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

10/08/2026



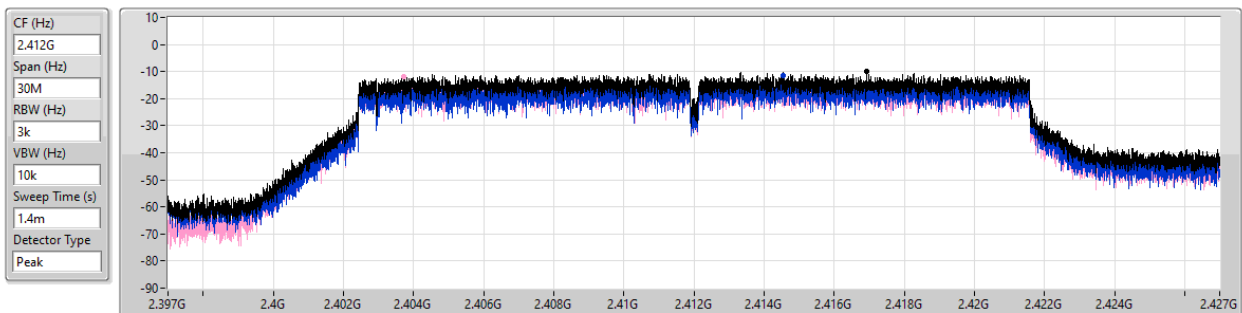
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.50	-10.50	-11.86	-12.79

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

10/08/2026



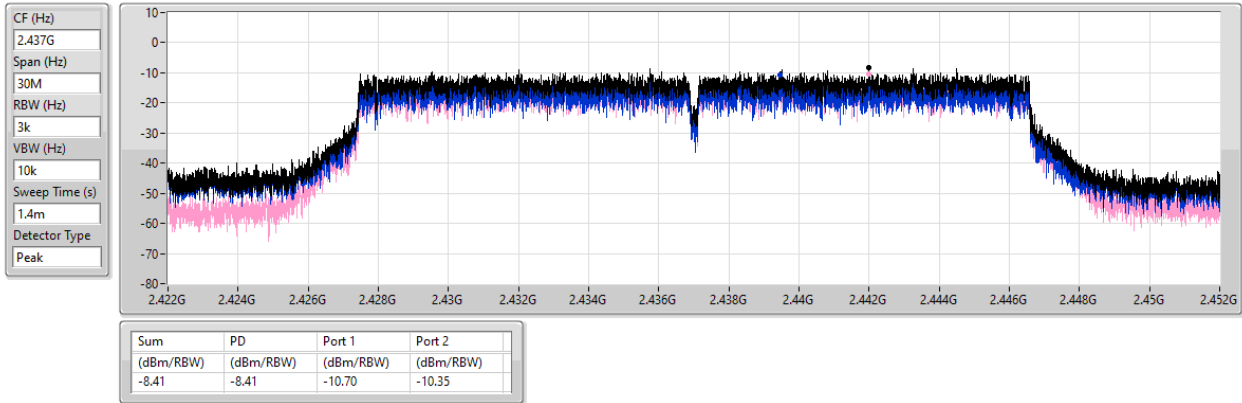
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.97	-9.97	-11.31	-11.89

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

10/08/2026

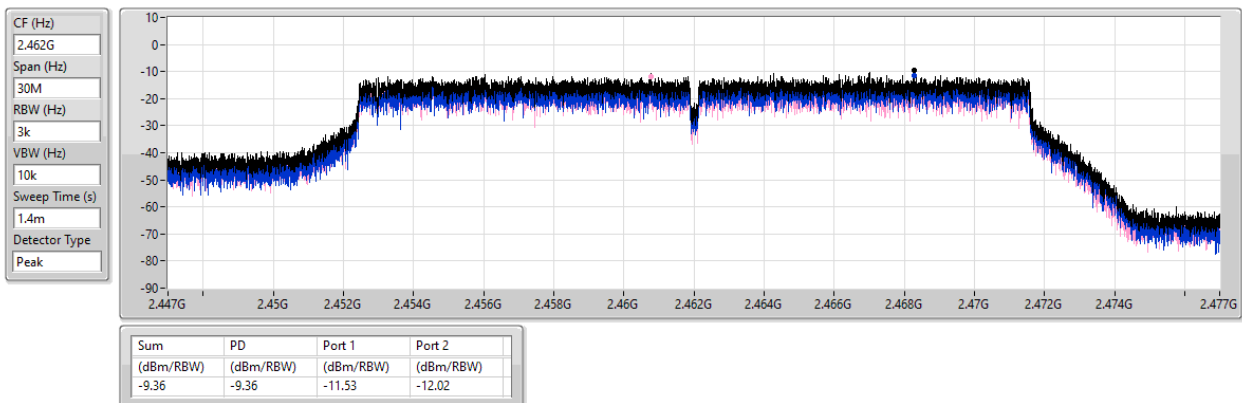


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2462MHz

10/08/2026

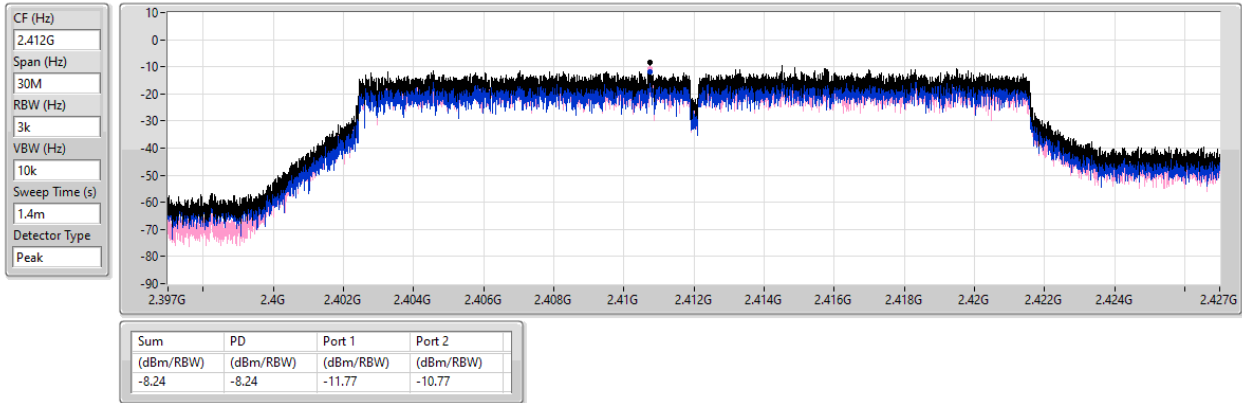


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2412MHz

10/08/2026

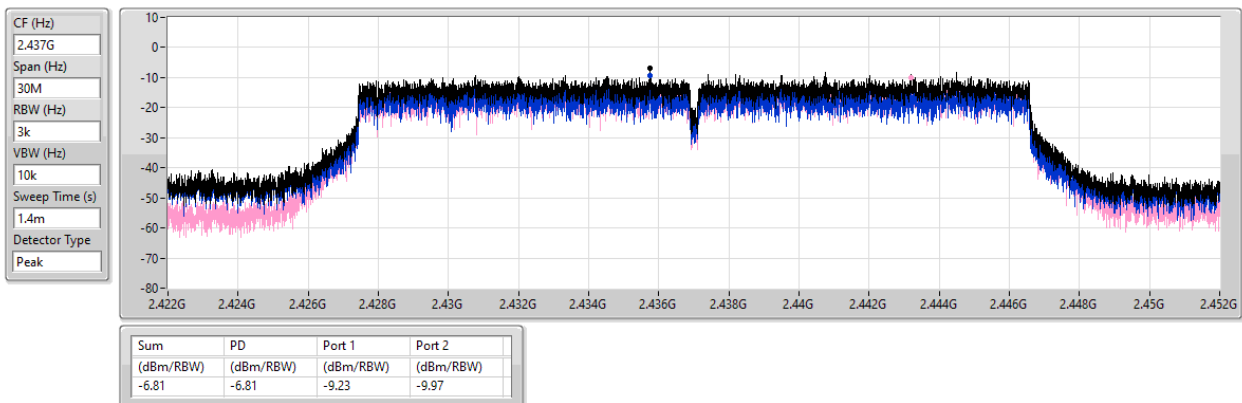


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2437MHz

10/08/2026

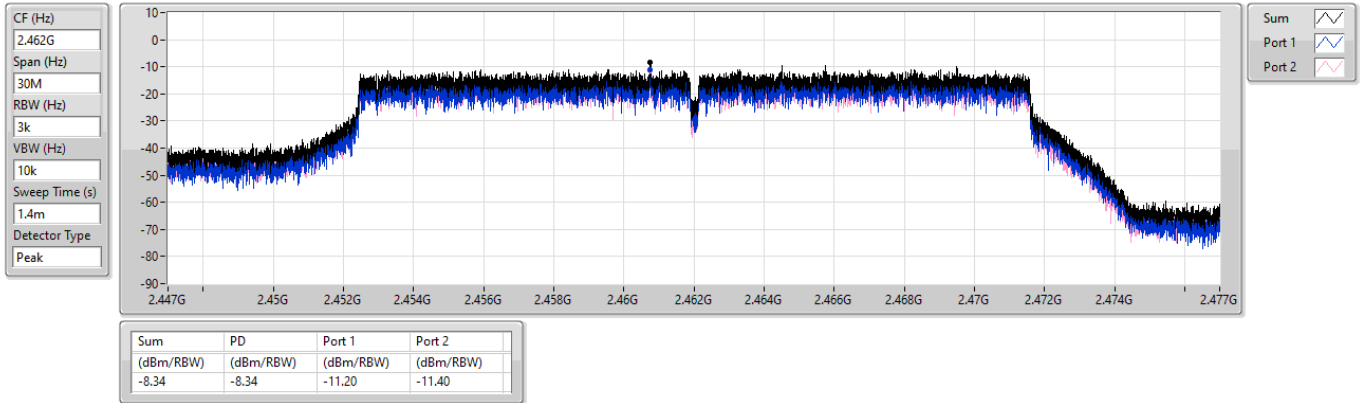


2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2462MHz

10/08/2026



**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	2.43808G	12.20	-17.80	2.16661G	-52.64	2.4G	-24.22	2.4G	-23.16	2.50902G	-52.49	21.54143G	-45.31	1
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43591G	11.91	-18.09	1.91614G	-51.97	2.4G	-23.62	2.4G	-23.97	2.52198G	-52.68	21.89262G	-45.57	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44208G	10.34	-19.66	2.11302G	-53.00	2.39824G	-23.74	2.4G	-23.38	2.5027G	-52.71	21.42343G	-45.42	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44208G	9.93	-20.07	40.49M	-52.54	2.39976G	-29.65	2.4G	-29.27	2.50998G	-53.34	6.4316G	-44.80	1
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	2.44192G	10.42	-19.58	32.33M	-53.53	2.39832G	-24.31	2.4G	-25.29	2.51078G	-52.95	21.46838G	-45.53	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.44192G	8.61	-21.39	2.06642G	-53.07	2.39832G	-30.67	2.4G	-29.41	2.50886G	-53.61	21.58076G	-45.71	1
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	2.44208G	10.14	-19.86	2.11186G	-53.26	2.39904G	-29.62	2.4G	-30.42	2.51918G	-52.63	21.70438G	-44.93	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43808G	12.20	-17.80	2.16661G	-52.64	2.4G	-24.22	2.4G	-23.16	2.50902G	-52.49	21.54143G	-45.31	1
2437MHz	Pass	2.43808G	12.20	-17.80	2.10487G	-52.57	2.39656G	-42.60	2.4G	-43.13	2.52078G	-52.51	21.52738G	-44.84	1
2462MHz	Pass	2.43808G	12.20	-17.80	2.18991G	-52.15	2.39824G	-53.52	2.4G	-55.58	2.51862G	-52.75	21.70157G	-45.92	1
802.11g_Nss1(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	10.34	-19.66	2.11302G	-53.00	2.39824G	-23.74	2.4G	-23.38	2.5027G	-52.71	21.42343G	-45.42	1
2437MHz	Pass	2.44208G	10.34	-19.66	2.19457G	-53.23	2.39952G	-32.25	2.4G	-33.66	2.50286G	-53.20	21.74934G	-45.32	1
2462MHz	Pass	2.44208G	10.34	-19.66	36.99M	-53.15	2.39888G	-51.14	2.4G	-53.67	2.5055G	-53.35	21.99096G	-44.61	1
802.11be EHT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	10.42	-19.58	32.33M	-53.53	2.39832G	-24.31	2.4G	-25.29	2.51078G	-52.95	21.46838G	-45.53	1
2437MHz	Pass	2.44192G	10.42	-19.58	143.01M	-52.87	2.39904G	-30.44	2.4G	-31.57	2.51486G	-53.40	21.66224G	-45.77	1
2462MHz	Pass	2.44192G	10.42	-19.58	2.30292G	-52.82	2.39928G	-51.57	2.4G	-52.68	2.50294G	-53.27	6.96823G	-45.51	1
802.11b_Nss1(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43591G	11.91	-18.09	1.91614G	-51.97	2.4G	-23.62	2.4G	-23.97	2.52198G	-52.68	21.89262G	-45.57	1
2412MHz	Pass	2.43591G	11.91	-18.09	42.82M	-52.43	2.39352G	-39.66	2.4G	-40.87	2.51294G	-53.14	21.92072G	-45.10	2
2437MHz	Pass	2.43591G	11.91	-18.09	1.82294G	-52.12	2.39704G	-41.55	2.4G	-42.89	2.50398G	-53.22	21.62291G	-45.59	1
2437MHz	Pass	2.43591G	11.91	-18.09	48.64M	-52.38	2.39952G	-42.68	2.4G	-48.67	2.5227G	-53.10	21.41781G	-45.69	2
2462MHz	Pass	2.43591G	11.91	-18.09	2.15962G	-52.39	2.39944G	-51.92	2.4G	-54.79	2.50462G	-53.30	21.96848G	-45.34	1
2462MHz	Pass	2.43591G	11.91	-18.09	2.127G	-51.93	2.39984G	-52.11	2.4G	-54.00	2.50326G	-53.17	21.59762G	-45.49	2
802.11g_Nss1(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	9.93	-20.07	40.49M	-52.54	2.39976G	-29.65	2.4G	-29.27	2.50998G	-53.34	6.4316G	-44.80	1
2412MHz	Pass	2.44208G	9.93	-20.07	1.7577G	-52.68	2.4G	-37.01	2.4G	-33.61	2.50998G	-52.73	21.43186G	-45.56	2
2437MHz	Pass	2.44208G	9.93	-20.07	1.73906G	-52.95	2.39952G	-32.37	2.4G	-33.24	2.50662G	-53.25	21.56952G	-45.68	1
2437MHz	Pass	2.44208G	9.93	-20.07	1.75071G	-52.84	2.39976G	-38.44	2.4G	-39.10	2.5187G	-52.68	21.89543G	-45.10	2
2462MHz	Pass	2.44208G	9.93	-20.07	1.8509G	-52.42	2.3988G	-52.40	2.4G	-54.67	2.5203G	-51.88	21.58357G	-46.40	1
2462MHz	Pass	2.44208G	9.93	-20.07	2.02565G	-52.79	2.39848G	-52.53	2.4G	-55.04	2.5191G	-53.32	21.96005G	-44.83	2
802.11be EHT20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	8.61	-21.39	2.06642G	-53.07	2.39832G	-30.67	2.4G	-29.41	2.50886G	-53.61	21.58076G	-45.71	1
2412MHz	Pass	2.44192G	8.61	-21.39	1.82643G	-52.81	2.4G	-35.33	2.4G	-35.11	2.50054G	-53.80	21.54143G	-45.59	2
2437MHz	Pass	2.44192G	8.61	-21.39	2.1305G	-53.18	2.39976G	-33.87	2.4G	-33.94	2.5147G	-53.42	21.67629G	-45.32	1
2437MHz	Pass	2.44192G	8.61	-21.39	1.91963G	-52.56	2.39944G	-38.28	2.4G	-37.31	2.51318G	-53.40	21.62572G	-46.29	2
2462MHz	Pass	2.44192G	8.61	-21.39	2.19108G	-52.42	2.39904G	-51.68	2.4G	-53.19	2.50726G	-52.03	21.97129G	-45.80	1
2462MHz	Pass	2.44192G	8.61	-21.39	2.07807G	-53.08	2.39688G	-52.98	2.4G	-54.62	2.51814G	-53.01	21.54705G	-45.09	2
802.11be EHT20_Nss2(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	10.14	-19.86	2.14215G	-53.44	2.4G	-30.89	2.4G	-30.93	2.50694G	-53.19	22.0022G	-45.95	1
2412MHz	Pass	2.44208G	10.14	-19.86	2.06526G	-52.71	2.4G	-35.91	2.4G	-35.34	2.5195G	-53.32	21.98534G	-45.44	2
2437MHz	Pass	2.44208G	10.14	-19.86	2.11186G	-53.26	2.39904G	-29.62	2.4G	-30.42	2.51918G	-52.63	21.70438G	-44.93	1
2437MHz	Pass	2.44208G	10.14	-19.86	1.82993G	-53.02	2.4G	-36.75	2.4G	-38.35	2.50478G	-53.15	21.53862G	-44.33	2
2462MHz	Pass	2.44208G	10.14	-19.86	1.95109G	-52.02	2.39712G	-51.85	2.4G	-53.61	2.50702G	-52.26	21.6791G	-45.21	1
2462MHz	Pass	2.44208G	10.14	-19.86	2.13283G	-52.92	2.39912G	-52.95	2.4G	-53.95	2.5195G	-52.18	21.99377G	-45.85	2

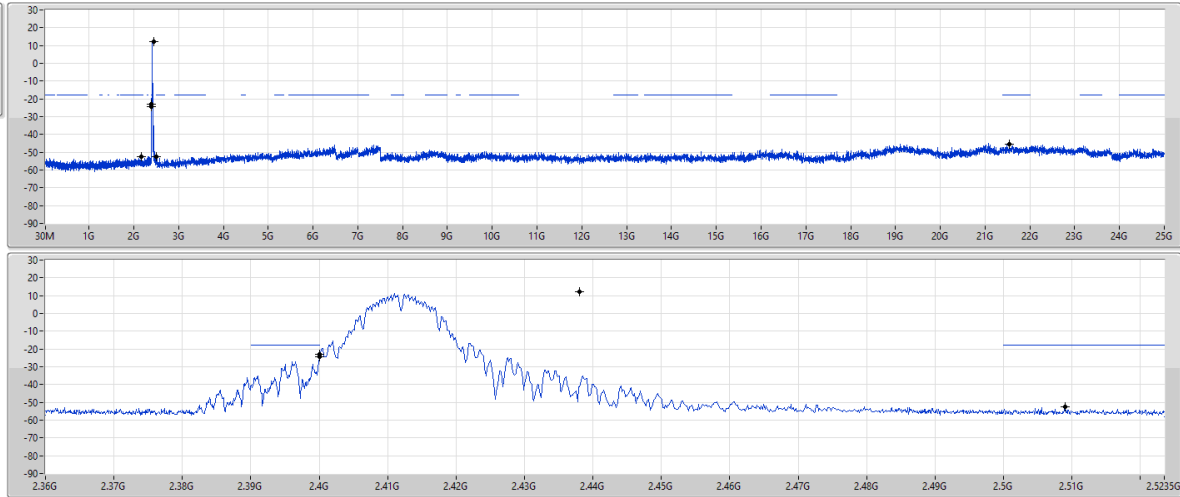
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

06/07/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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
2.43808G	12.20	-17.80	2.16661G	-52.64	2.4G	-24.22	2.4G	-23.16	2.50902G	-52.49	2.154143G	-45.31	1

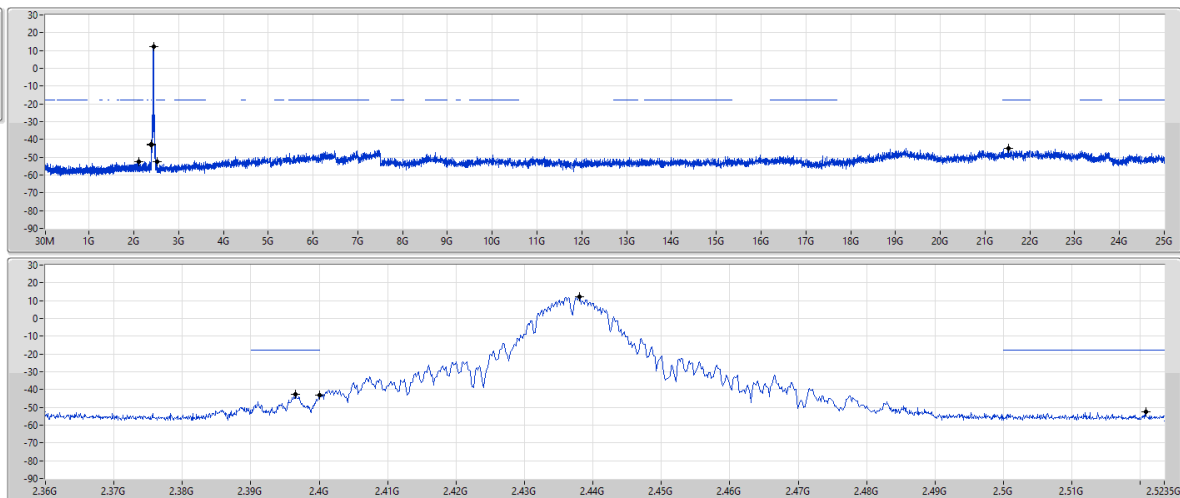
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2437MHz

06/07/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

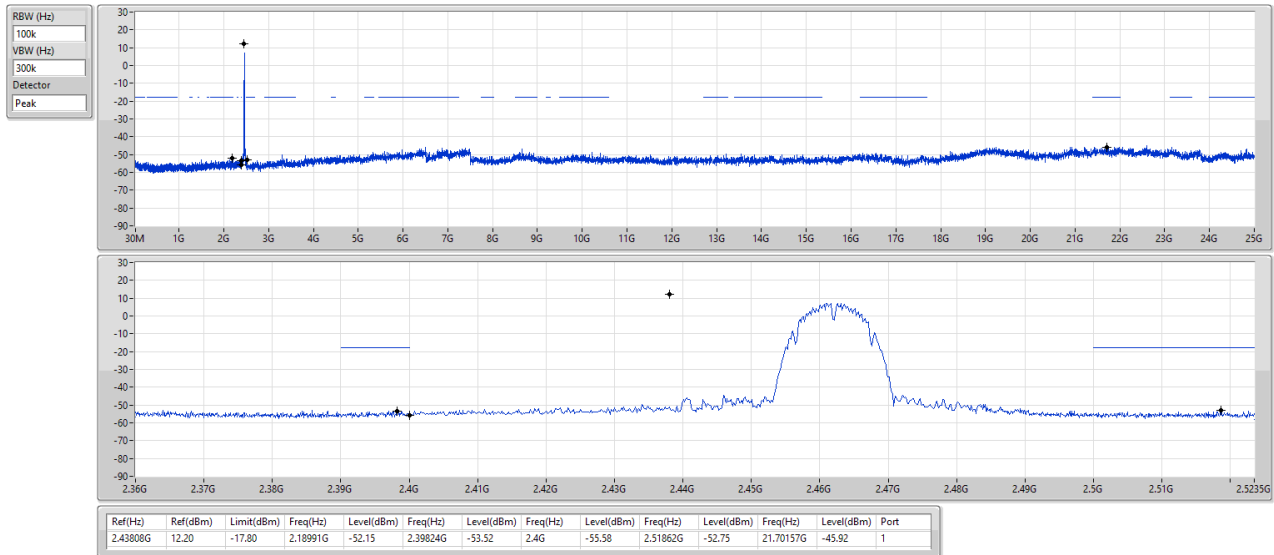


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43808G	12.20	-17.80	2.10487G	-52.57	2.39656G	-42.60	2.4G	-43.13	2.52078G	-52.51	2.152738G	-44.84	1

2.4-2.4835GHz_802.11b_(1Mbps)_1TX

CSEndB

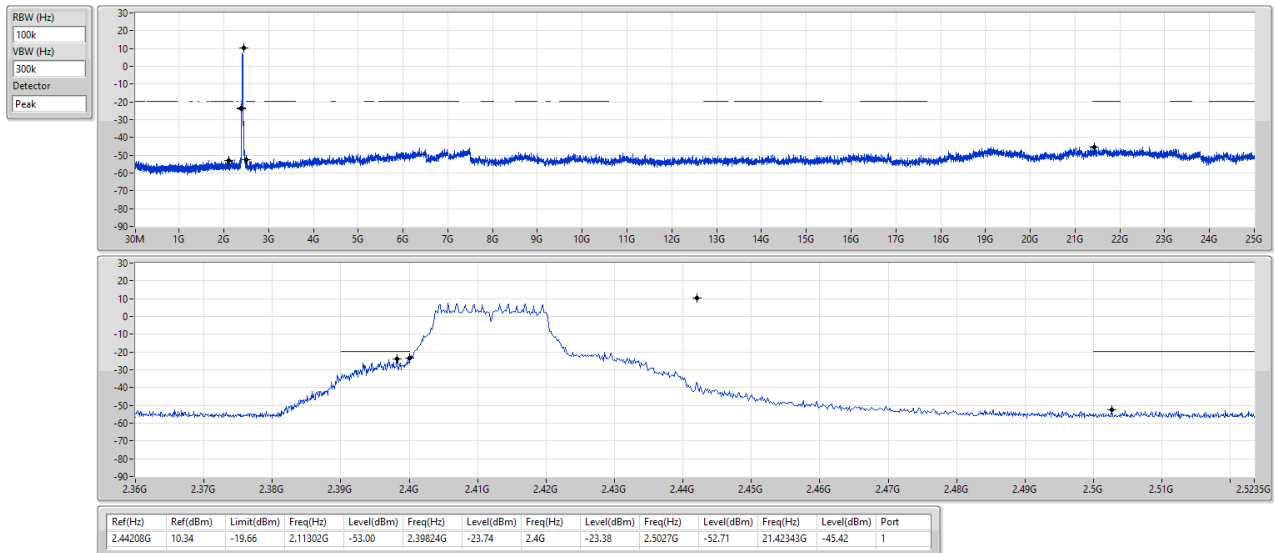
2462MHz



2.4-2.4835GHz_802.11g_(6Mbps)_1TX

CSEndB

2412MHz



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

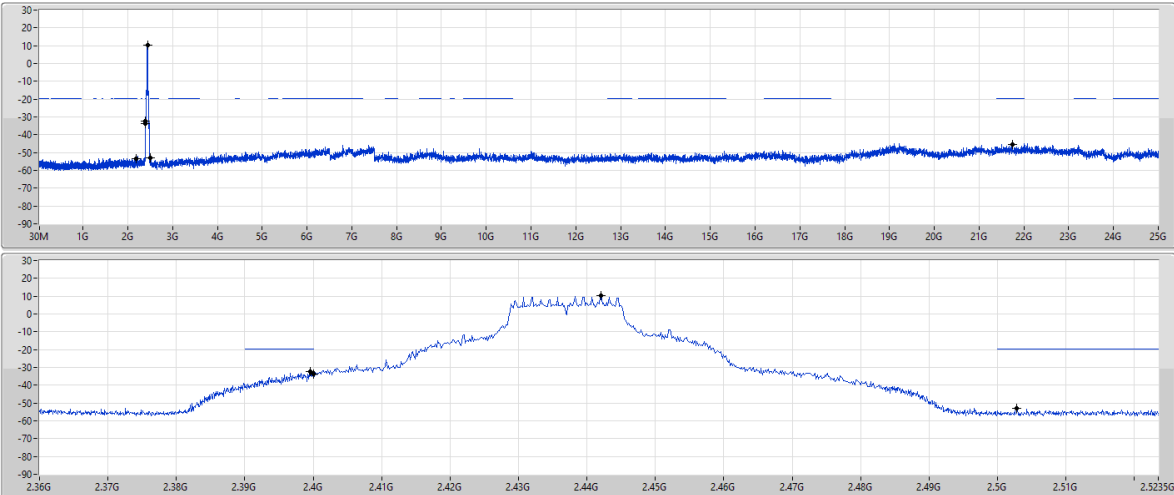
CSEndB

2437MHz

06/07/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



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
2.44208G	10.34	-19.66	2.19457G	-53.23	2.39952G	-32.25	2.4G	-33.66	2.50286G	-53.20	2.174934G	-45.32	1

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

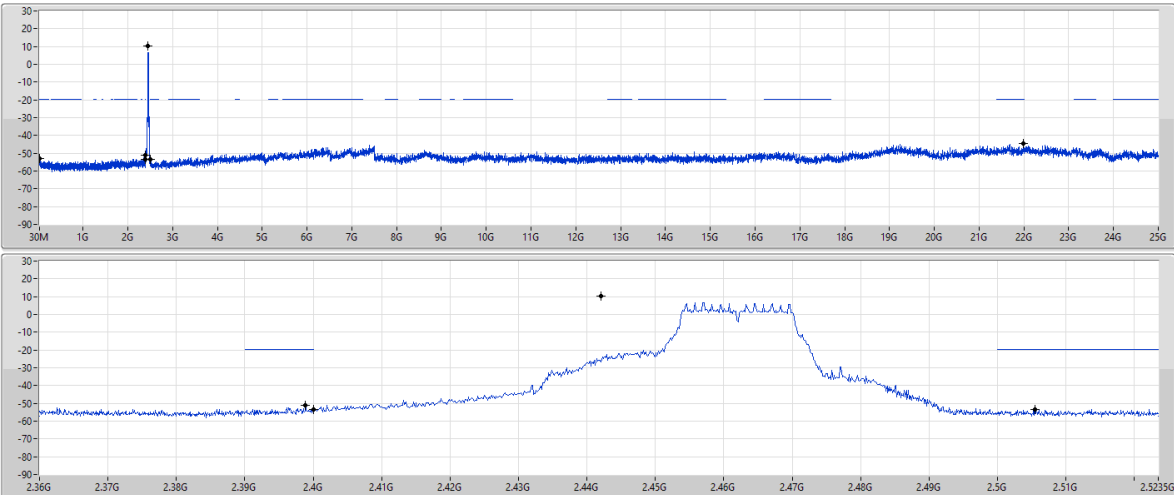
CSEndB

2462MHz

06/07/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



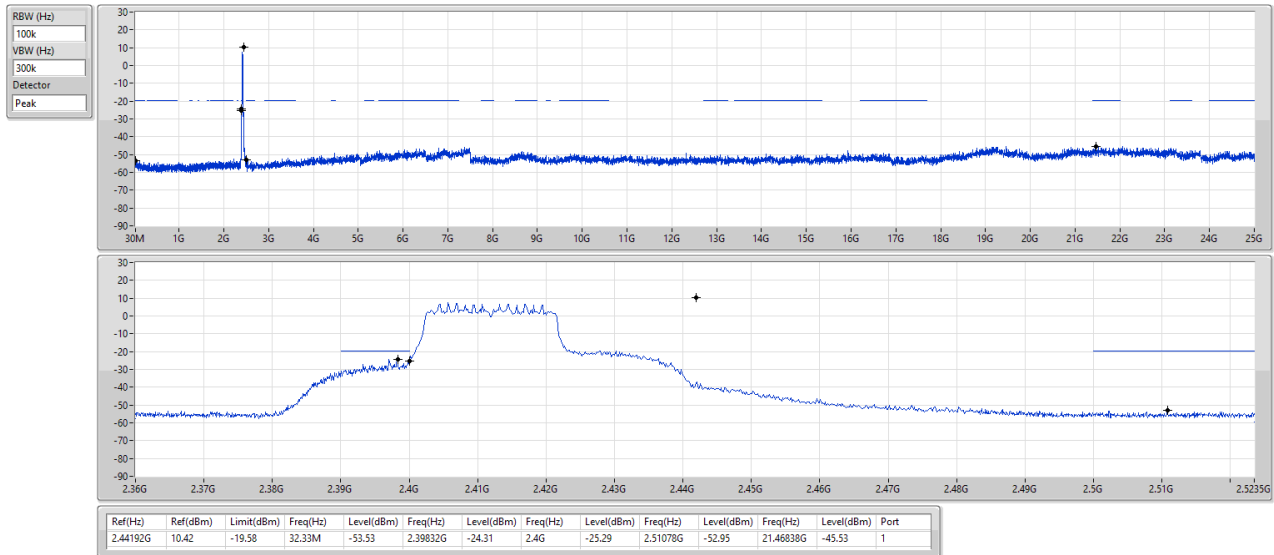
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	10.34	-19.66	36.99M	-53.15	2.39888G	-51.14	2.4G	-53.67	2.5055G	-53.35	2.199096G	-44.61	1

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

CSEndB

2412MHz

06/07/2026



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

CSEndB

2437MHz

06/07/2026

