



FCC Radio Test Report

FCC ID : UDX-600218020
Equipment : Cisco Wireless 9174E Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9174E
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.247

The product was received on May 12, 2025, and testing was started from Jun. 09, 2025 and completed on Aug. 07, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

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History of this test report

Report No.	Version	Description	Issued Date
FR550854AC	01	Initial issue of report	Nov. 14, 2025

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Daniel Hsu

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Radio 1, Radio 3

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]

Non-Beamforming_Radio 1_1T1S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11be EHT20	20	1TX

Non-Beamforming_Radio 1_2T1S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX

Non-Beamforming_Radio 3_1T1S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11be EHT20	20	1TX

Non-Beamforming_Radio 3_2T1S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX(Port 2/3)
2.4-2.4835GHz	802.11g	20	2TX(Port 2/3)
2.4-2.4835GHz	802.11be EHT20	20	2TX(Port 2/3)

Non-Beamforming_Radio 3_4T1S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11be EHT20	20	4TX

Beamforming_Radio 1

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX

Beamforming_Radio 3

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	4TX

Scan Radio

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax(HEW20)	2412-2462	1-11 [11]

Non-Beamforming_Scan Radio

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX

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 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.
- ♦ Evaluated EHT20 mode only due to the similar modulation. The power setting of HT20/VHT20/HEW20 mode are the same or lower than EHT20. (Radio 1, Radio 3)
- ♦ Evaluated HEW20 mode only due to the similar modulation. The power setting of HT20/VHT20/HEW20 mode are the same or lower than HEW20. (Scan Radio)

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Cisco	C-ANT9101=	Omnidirectional	Octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
2	Cisco	C-ANT9102=	Omnidirectional	Octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
3	Cisco	C-ANT9103=	Directional Patch	Right angle octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
4	Cisco	CW-ANT-T-O2-D8	Omnidirectional	Octal DART	2.4G+5G+6G+BLE&IEEE 802.15.5	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
5	Cisco	CW-ANT-T-D2-D8	Directional Panel	Right angle octal DART	2.4G+5G+6G+BLE&IEEE 802.15.6	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
6	Cisco	MA-ANT-3-C6	Panel Omni	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
7	Cisco	MA-ANT-3-D6	Downtilt Panel Omni	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*2R BLE&IEEE 802.15.4 1T*1R
8	Cisco	MA-ANT-3-E6	Wide Patch	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
9	Cisco	MA-ANT-3-F6	Narrow Patch	RP-TNC	2.4G+5G+Scan+ BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
10	Cisco	AIR-ANT2524 V4C-R/RS=	Ceiling Mount Omni-Directional	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
11	Cisco	AIR-ANT2544 V4M-R/RS	Wall-Mounted Omnidirectional	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
12	Cisco	AIR-ANT2566 P4W-R/RS	4-Element Patch	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
13	Cisco	AIR-ANT2566 D4M-R/RS	Directional Array	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
14	Cisco	AIR-ANT2513 P4M-N	Patch Array	N-Female Bulkhead	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
15	Cisco	AIR-ANT2513 P4M-NS	Patch Array	N-Female Bulkhead	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
16	Cisco	CW-ANT-T-O4 -R	Omnidirectional	Reverse Polarity TNC	2.4G+5G+6G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4

Ant.	Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BLE& IEEE 802.15.4
1	2	6	6	6	6	6	6	6	6	3
2	4	4	4	4	4	4	4	4	4	4
3	6	6	6	6	6	6	6	6	6	6
4	3.25	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	3.25
5	6.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.6
6	4.9	4.9	4.9	4.9	4.9	-	-	-	-	4.9
7	2.9	3.7	3.7	3.7	3.7	-	-	-	-	2.9
8	7	6.3	6.3	6.3	6.3	-	-	-	-	7

Ant.	Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BLE& IEEE 802.15.4
9	11.2	10.8	10.8	10.8	10.8	-	-	-	-	11.2
10	2	4	4	4	4	-	-	-	-	-
11	4	4	4	4	4	-	-	-	-	-
12	6	6	6	6	6	-	-	-	-	-
13	6	6	6	6	6	-	-	-	-	-
14	13	13	13	13	13	-	-	-	-	-
15	13	13	13	13	13	-	-	-	-	-
16	1	2	2	2	2	4	4	4	4	-

Note 1: The EUT has sixteen antennas.

Note 2: Ant. 1 and Ant. 14 (for 2.4G), Ant. 7 and Ant. 14 (for 5G), Ant.2 and Ant.3 (for 6G), Ant.7 and Ant.9 (for IoT), which designated by the manufacturer, was used during the test.

For 2.4GHz function:

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

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 1 and it was recorded in this test report.

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

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 and it was recorded in this test report.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 3 and it was recorded in this test report.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive.

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3)

Ant. 1~Ant. 5 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 3 and it was recorded in this test report.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 ax mode (1TX/1RX) (Scan Radio)

Ant. 1~Ant.15 could transmit/receive simultaneously.

For BT function:

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

Ant. 1~Ant. 9 could transmit/receive.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 1~Ant. 9 could transmit/receive.

Note 2: Directional gain information

	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 $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

1.1.3 Table of Serial Number

Test item	Serial Number
RF	FVH2911ASZD

1.1.4 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☒ With beamforming	☒ Without beamforming	
Resource Unit	☒ Full RU	☐ Partial RU	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

1.1.5 Mode Test Duty Cycle

Non-Beamforming_Radio 1_Omnidirectional_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX(Port1)	0.999	0.01	12.627m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX(Port1)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 1_Omnidirectional_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	12.627m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 1_Patch Array_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX(Port1)	0.999	0.01	12.627m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX(Port1)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 1_Patch Array_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	12.627m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_Omnidirectional_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX(Port2)	0.999	0.01	12.625m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX(Port2)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_Omnidirectional_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	0.999	0.01	17.986m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	0.983	0.07	5.138m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_Omnidirectional_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_4TX	0.999	0.01	12.627m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_4TX	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_Patch Array_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX(Port2)	0.999	0.01	12.625m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX(Port2)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_Patch Array_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	0.999	0.01	17.986m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	0.983	0.07	5.138m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_Patch Array_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_4TX	0.999	0.01	12.627m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_4TX	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Scan Radio_Omnidirectional

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX	0.999	0.01	12.627m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX	0.993	0.03	2.098m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.447m	10Hz (DC>=0.98)

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

Non-Beamforming_Scan Radio_Patch Array

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX	0.999	0.01	12.627m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX	0.993	0.03	2.098m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.447m	10Hz (DC>=0.98)

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

**Beamforming_Radio 1_Omnidirectional**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Beamforming_Radio 1_Patch Array

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Beamforming_Radio 3_Omnidirectional

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Beamforming_Radio 3_Patch Array

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Andy Wang	23.1~23.9℃ / 56~62%	08/Jul/2025
Radiated (Co-location)	03CH02-HY	Vasari Huang	23.1~23.7℃ / 53~59%	07/Aug/2025
☒ Wenhua 3rd.. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	22.9~23.3℃ / 52~55%	09/Jun/2025~04/Jul/2025
Radiated	03CH24-HY	Billy Wang	22.1~23.2℃ / 50~52%	24/Jun/2025~26/Jun/2025

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	3.44 dB	Confidence levels of 95%
Conducted Output Power	1.48 dB	Confidence levels of 95%
Bandwidth	0.05 MHz	Confidence levels of 95%
Conducted Emission	1.48 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00099.1
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Non-Beamforming_Radio 1_Omnidirectional_1T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	20
2437MHz	20
2462MHz	20
802.11g_Nss1,(6Mbps)_1TX(Port1)	-
2412MHz	20
2437MHz	20
2462MHz	20
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-
2412MHz	20
2437MHz	20
2462MHz	20

Non-Beamforming_Radio 1_Omnidirectional_2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	20
2437MHz	20
2462MHz	20
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	20
2437MHz	20
2457MHz	19.5
2462MHz	19
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	20
2437MHz	20
2457MHz	19
2462MHz	19

**Non-Beamforming_Radio 1_Patch Array_1T1S**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	20
2437MHz	20
2462MHz	20
802.11g_Nss1,(6Mbps)_1TX(Port1)	-
2412MHz	19.5
2417MHz	20
2437MHz	20
2457MHz	19
2462MHz	18.5
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-
2412MHz	18.5
2417MHz	19
2437MHz	20
2457MHz	18.5
2462MHz	18

Non-Beamforming_Radio 1_Patch Array_2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	20
2437MHz	20
2457MHz	20
2462MHz	19.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2417MHz	19
2437MHz	20
2457MHz	18
2462MHz	15.5
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	18
2437MHz	19.5
2457MHz	17
2462MHz	13.5

Non-Beamforming_Radio 3_Omnidirectional_1T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	20
2437MHz	20
2462MHz	20
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	20
2437MHz	20
2462MHz	20
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	20
2437MHz	20
2457MHz	19
2462MHz	19

Non-Beamforming_Radio 3_Omnidirectional_2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-
2412MHz	20
2437MHz	20
2457MHz	19.5
2462MHz	19.5
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-
2412MHz	18.5
2417MHz	20
2437MHz	20
2457MHz	19.5
2462MHz	18
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-
2412MHz	16
2417MHz	19
2437MHz	20
2457MHz	18.5
2462MHz	17

**Non-Beamforming_Radio 3_Omnidirectional_4T1S**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	18
2417MHz	18
2437MHz	20
2457MHz	16.5
2462MHz	16
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	15.5
2417MHz	17
2437MHz	20
2457MHz	16
2462MHz	15
802.11be EHT20_Nss1,(MCS0)_4TX	-
2412MHz	13.5
2417MHz	16
2437MHz	20
2457MHz	15.5
2462MHz	13.5

Non-Beamforming_Radio 3_Patch Array_1T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	20
2437MHz	20
2457MHz	18
2462MHz	17.5
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	17
2417MHz	18.5
2437MHz	20
2457MHz	18
2462MHz	16
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	15
2417MHz	18
2437MHz	20



Mode	Power Setting
2457MHz	17
2462MHz	14

Non-Beamforming_Radio 3_Patch Array_2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-
2412MHz	17.5
2417MHz	17.5
2437MHz	19
2457MHz	16.5
2462MHz	15
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-
2412MHz	14
2417MHz	17.5
2437MHz	18
2457MHz	16
2462MHz	14
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-
2412MHz	12.5
2417MHz	15
2437MHz	18
2457MHz	14.5
2462MHz	13

Non-Beamforming_Radio 3_Patch Array_4T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	12
2437MHz	11.5
2457MHz	10
2462MHz	9
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	11
2437MHz	11
2457MHz	9
2462MHz	9
802.11be EHT20_Nss1,(MCS0)_4TX	-



Mode	Power Setting
2412MHz	9
2417MHz	10
2437MHz	10
2457MHz	9.5
2462MHz	8

Non-Beamforming_Scan Radio_Omnidirectional

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	15
2417MHz	16
2437MHz	16
2457MHz	15
2462MHz	12.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	15
2417MHz	16
2437MHz	16
2457MHz	14
2462MHz	11.5

Non-Beamforming_Scan Radio_Patch Array

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	16
2437MHz	16
2457MHz	13.5
2462MHz	14
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	12
2417MHz	15
2437MHz	16
2457MHz	12.5



Mode	Power Setting
2462MHz	9
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	11
2417MHz	14
2437MHz	16
2457MHz	11
2462MHz	8

Beamforming_Radio 1_Omnidirectional

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	20
2437MHz	20
2457MHz	19
2462MHz	19

Beamforming_Radio 1_Patch Array

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	17
2437MHz	17
2457MHz	17
2462MHz	13.5

Beamforming_Radio 3_Omnidirectional

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	13.5
2417MHz	16
2437MHz	20
2457MHz	15.5
2462MHz	13.5



Beamforming_Radio 3_Patch Array

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	9
2417MHz	10
2437MHz	10
2457MHz	9.5
2462MHz	8

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	PoE Mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	CTX
1	R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+BT
2	R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+BT
3	R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4
4	R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4
Refer to Sporton Test Report No.: FA550854 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Low Profile Mounting Bracket	Brand Name	Cisco	Model Name	AIR-AP-BRACKET-1
Ceiling grid clip	Brand Name	Cisco	Model Name	AIR-AP-T-RAIL-R

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

2.4 Support Equipment

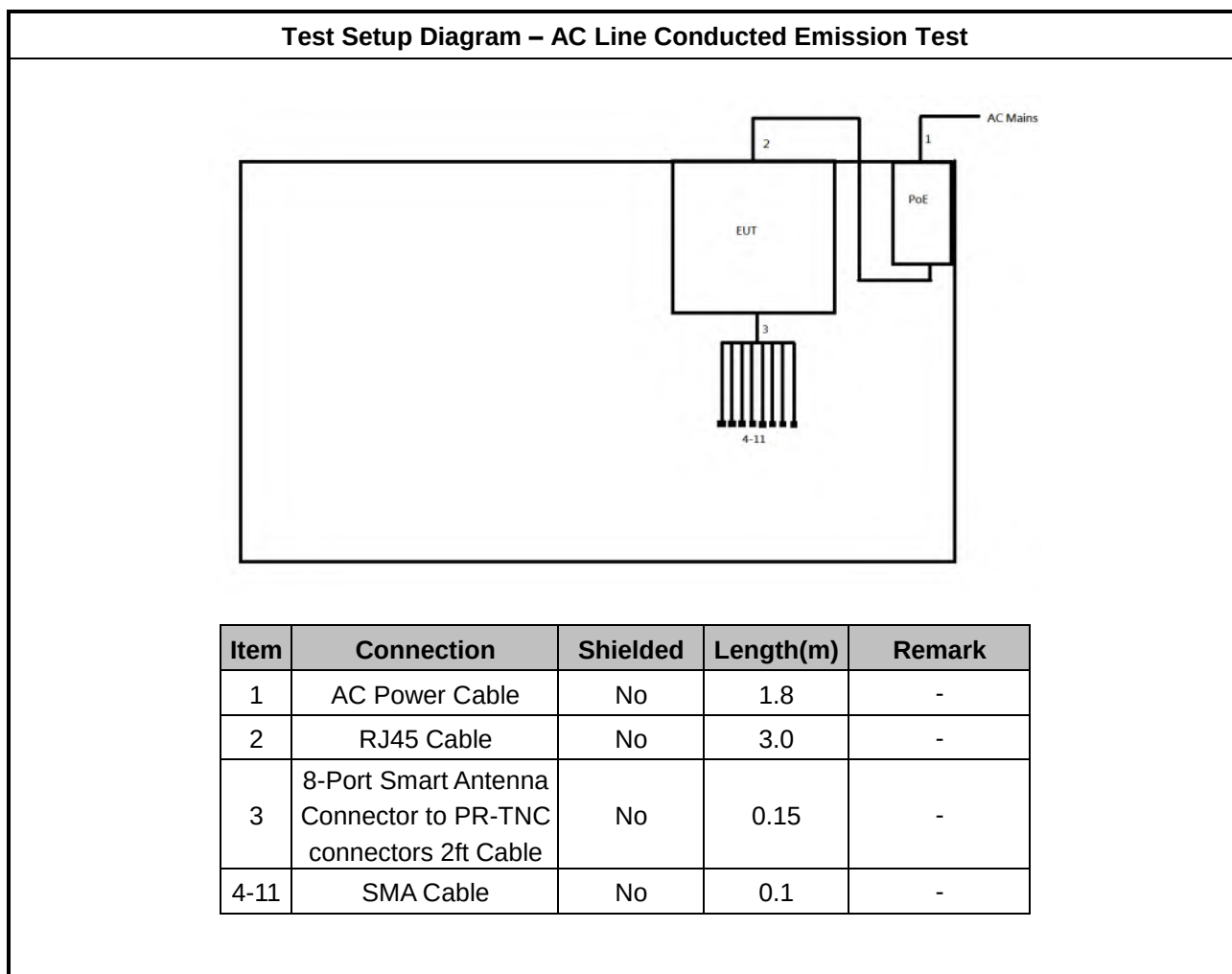
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer
2	SMA Cable * 8	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
3	AC Power Cable	Power Sync	PW-GPC180-3	-	-
4	RJ45 Cable	Power sync	CAT-6E-03	-	-
5	PoE	PHIHONG	POE60U-BTA	-	Provided by Customer

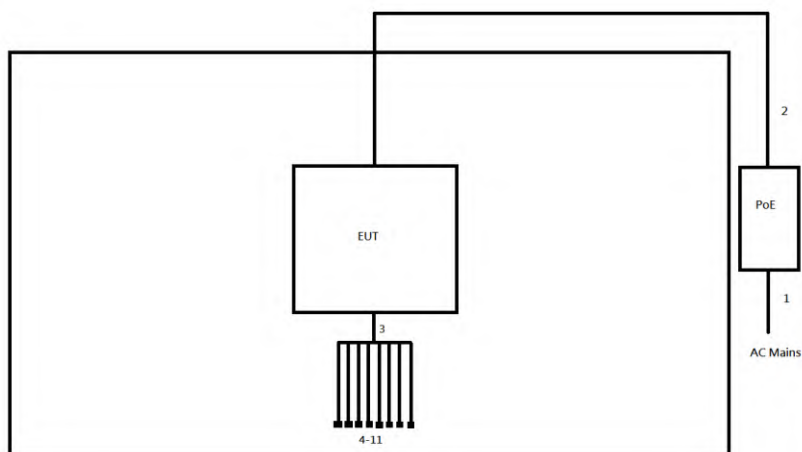
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	PHIHONG	POE60U-BTA	-	Provided by Customer
4	AC Power Cable X2	Power Sync	PW-GPC180-3	-	-
5	SMA Cable	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
6	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer



Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer
2	SMA Cable * 8	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
3	RJ45 Cable	Power sync	CAT-6E-03	-	-
4	PoE (Remote)	PHIHONG	POE60U-BTA	-	Provided by Customer
5	AC Power Cable (Remote)	Power Sync	PW-GPC180-3	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test_PoE Mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ45 Cable	No	3.0	-
3	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	No	0.15	-
4-11	SMA Cable	No	0.1	-

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

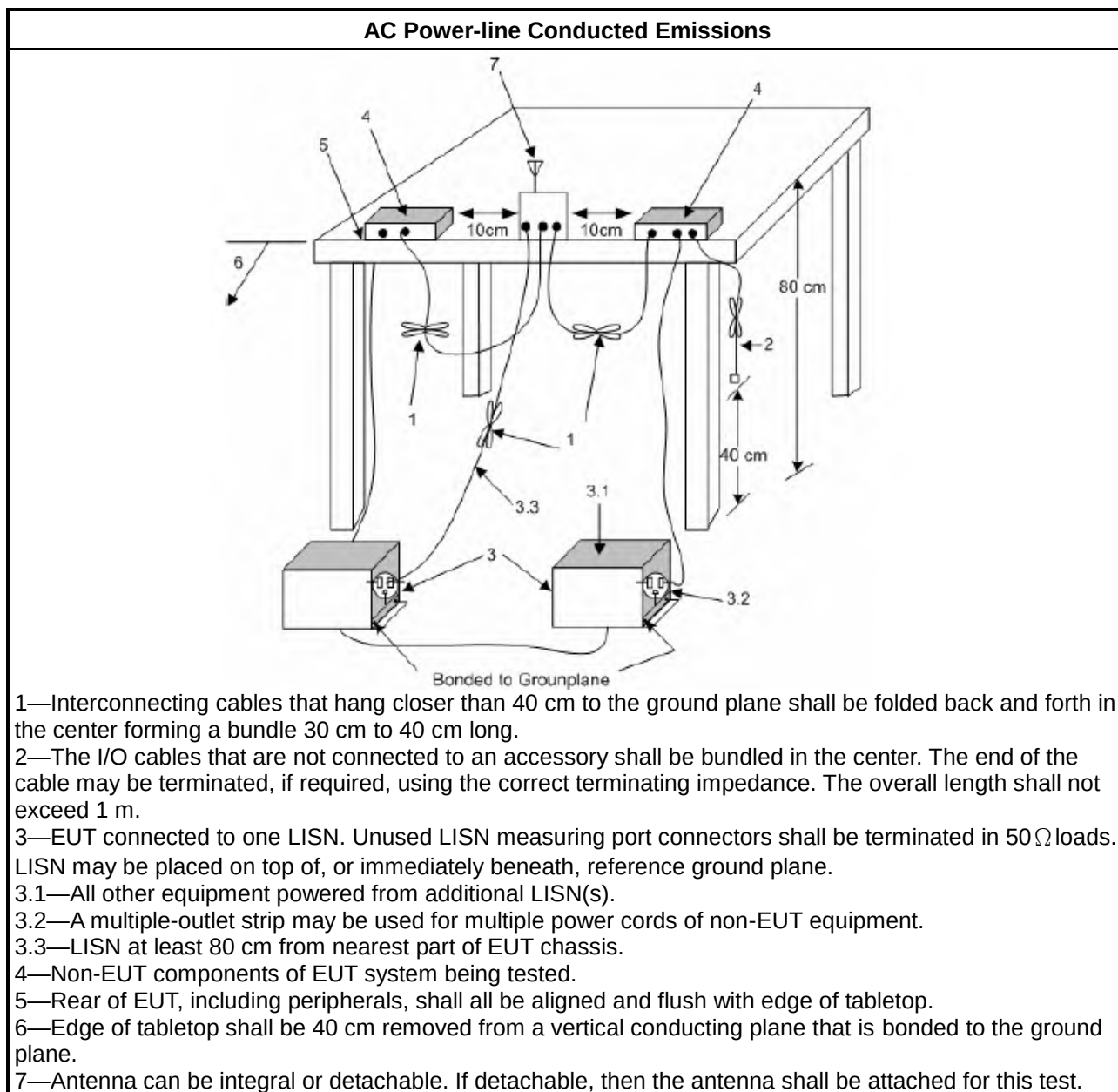
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

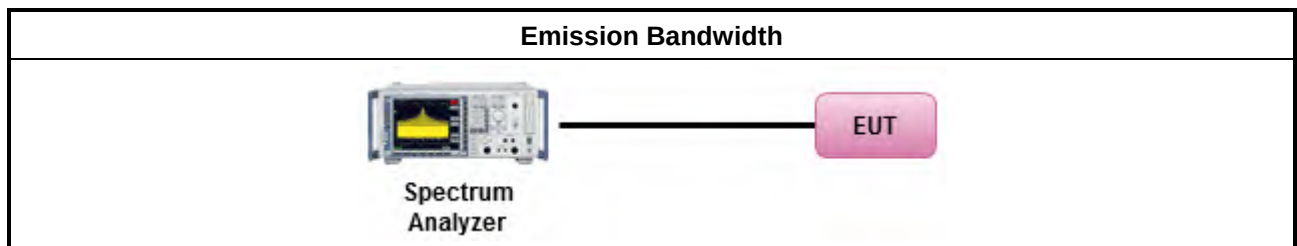
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	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 $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dBm
e.i.r.p. Power Limit:	
	2400-2483.5 MHz Band
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	Smart antenna system (SAS)
	- Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

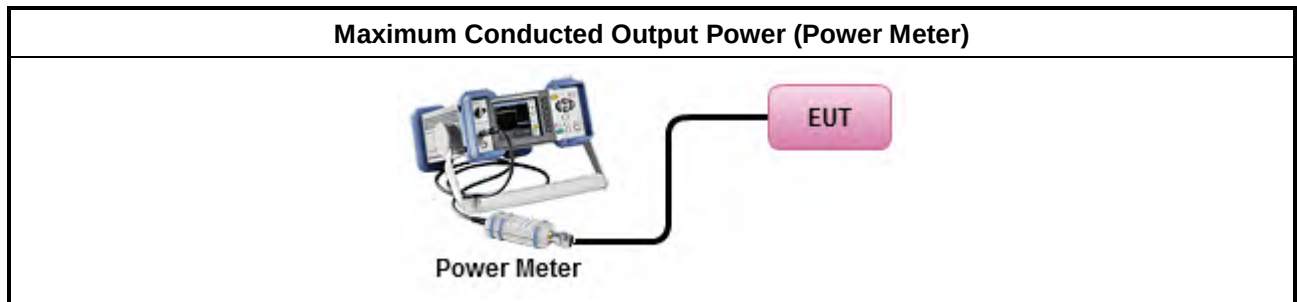
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.2 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
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

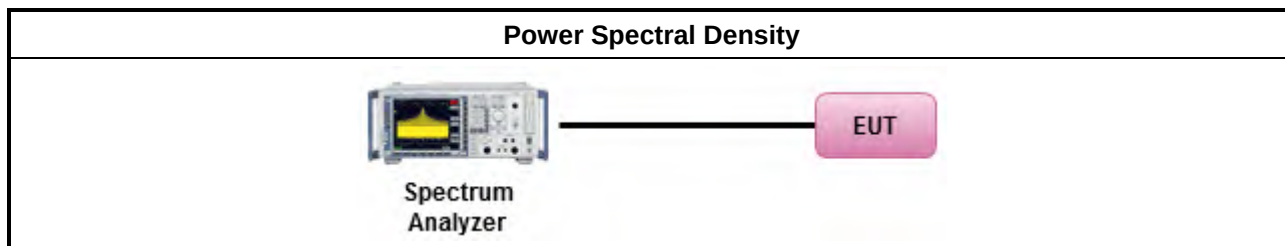
3.4.2 Measuring Instruments

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 KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

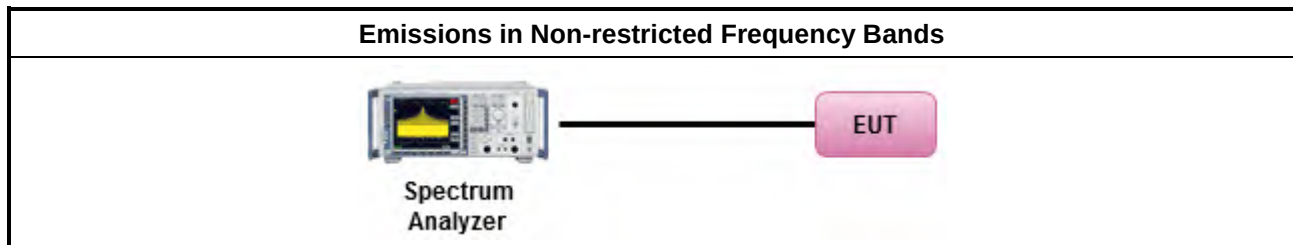
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

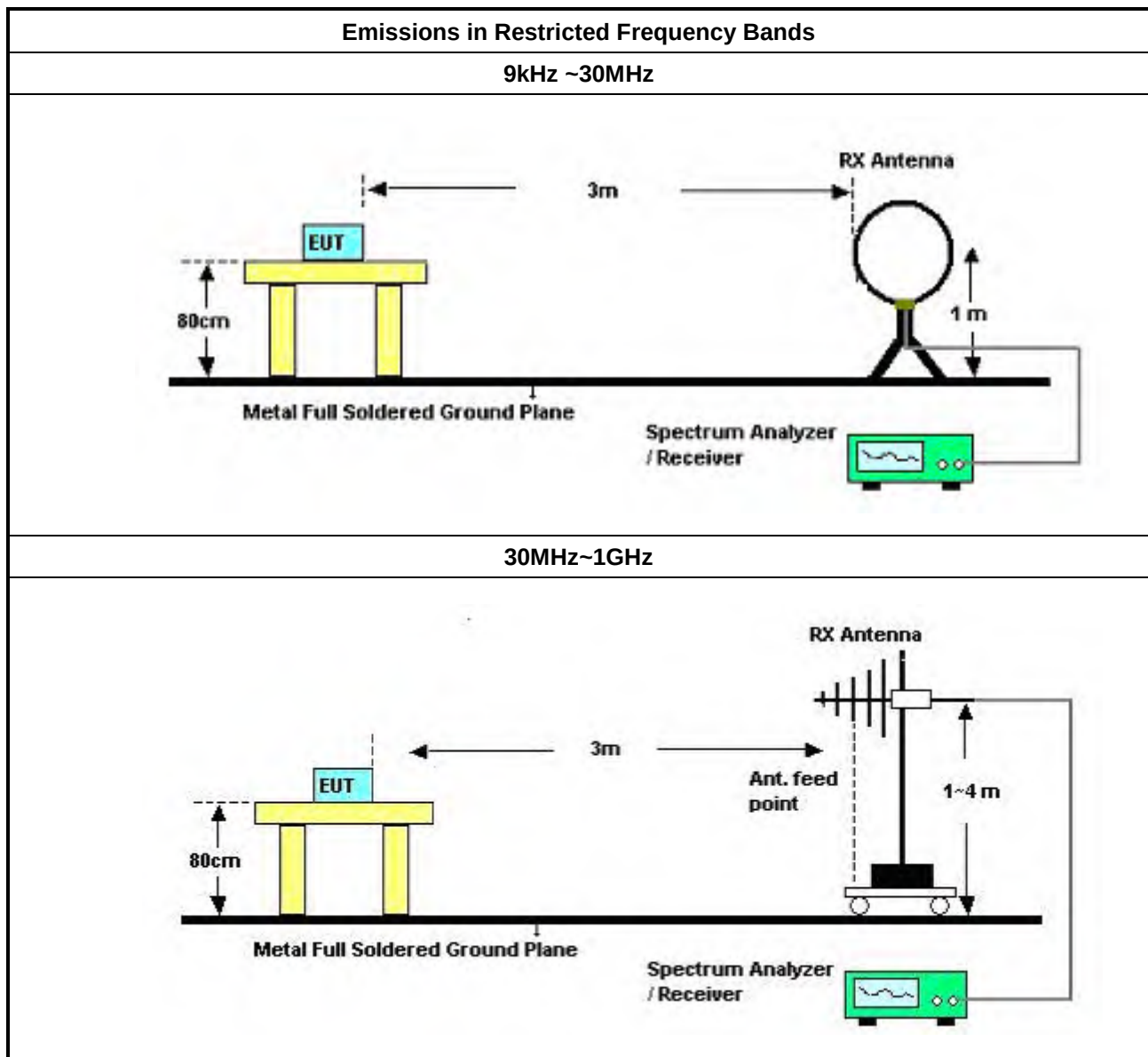
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.
For conducted and cabinet radiation measurement, refer as KDB 558074, clause 3 (12.7.4.2 of ANSI C63.10).	
	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 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.

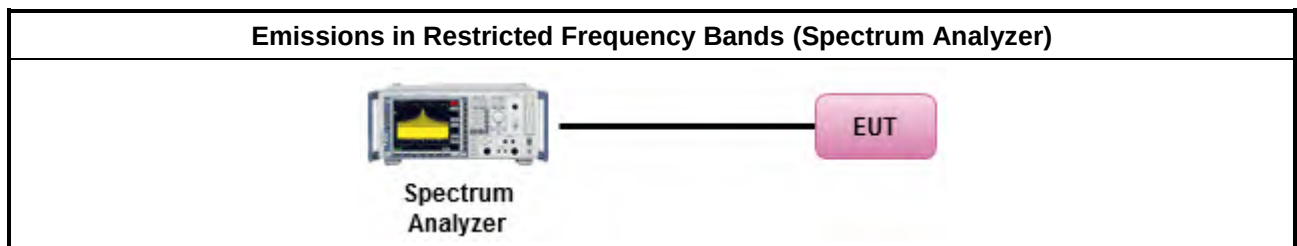
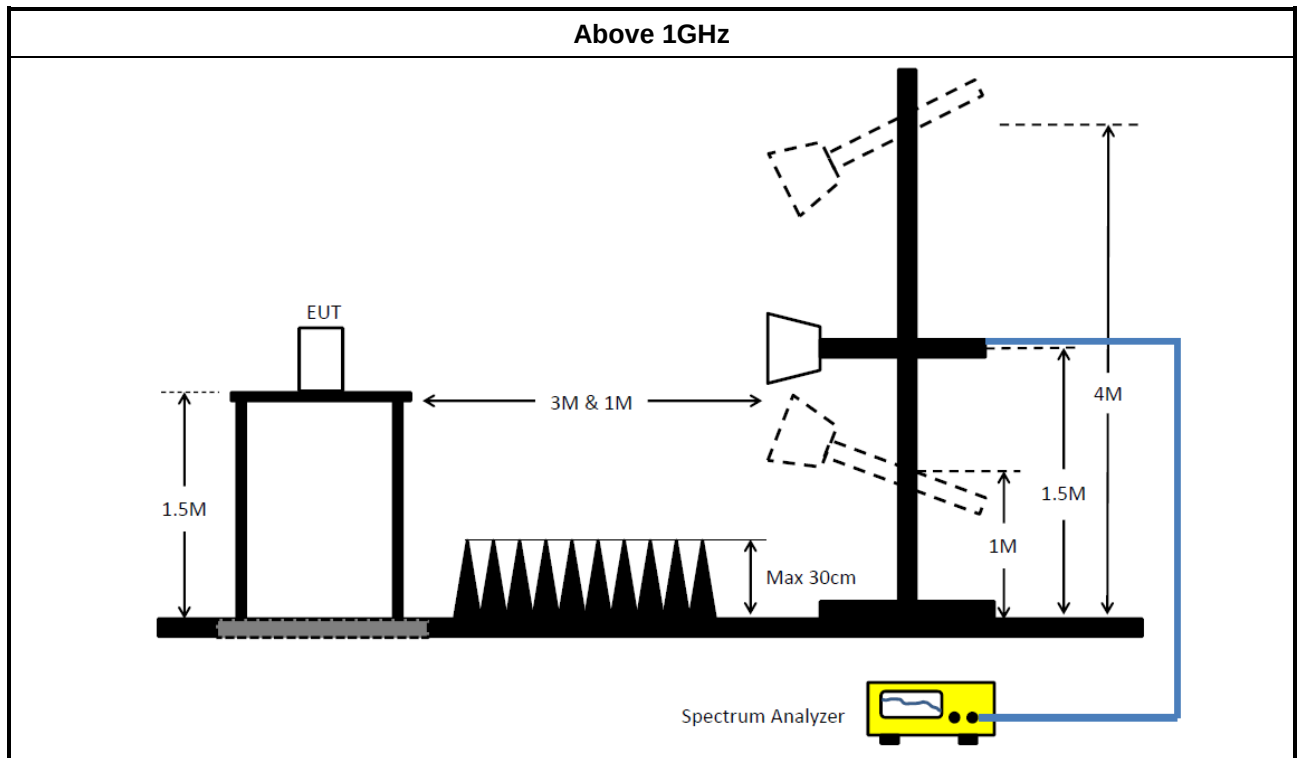
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15247_DTS	Sporton	V5.11.24	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	16/Aug/2024	15/Aug/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	30/Jul/2024	29/Jul/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/Aug/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N -06	35376 / 02	30MHz~1GHz	13/Apr/2025	12/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	15/Aug/2024	14/Aug/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	01/Oct/2024	30/Sep/2025
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	08/Apr/2025	07/Apr/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-15247-DTS	Sporton	V5.11.24	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	02/Jul/2025	01/Jul/2026
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-04	1GHz~40GHz	17/Jul/2025	16/Jul/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline_Non-Beamforming_Radio 1 Appendix A.1

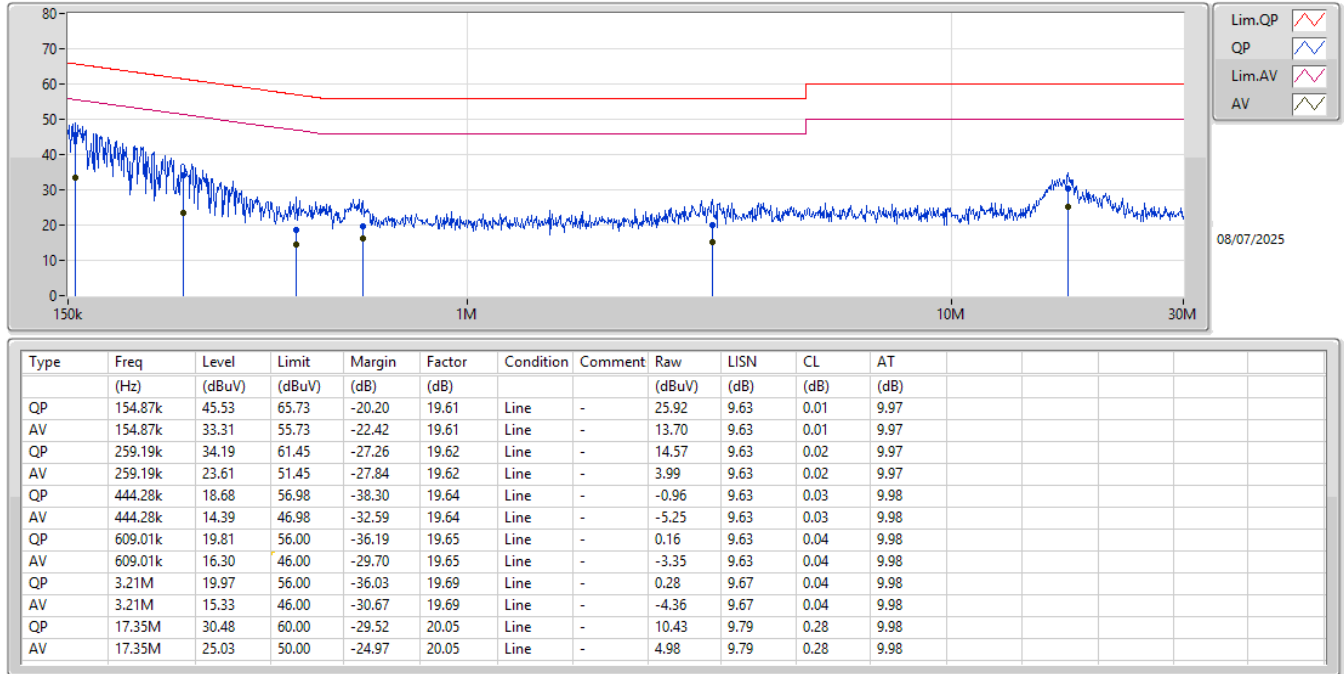
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	158.622k	45.58	65.54	-19.96	Neutral

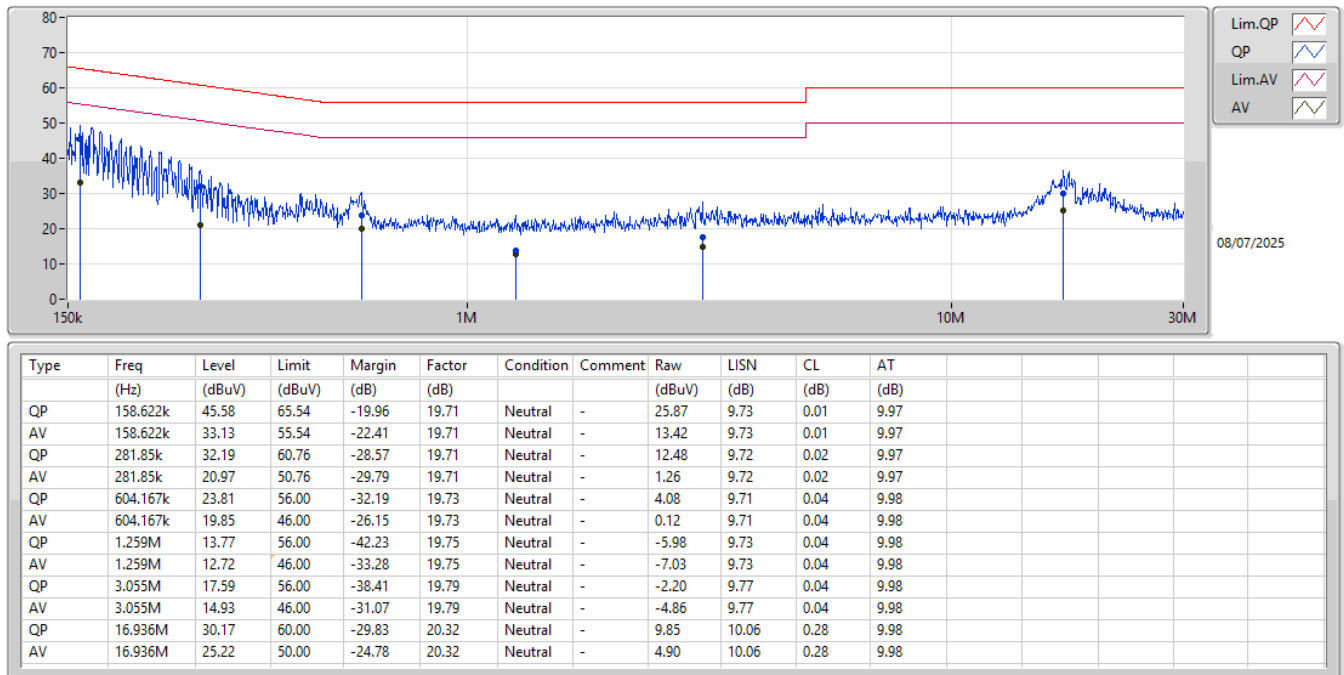
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.87k	45.53	65.73	-20.20	Line	-
Mode 1	Pass	AV	154.87k	33.31	55.73	-22.42	Line	-
Mode 1	Pass	QP	259.19k	34.19	61.45	-27.26	Line	-
Mode 1	Pass	AV	259.19k	23.61	51.45	-27.84	Line	-
Mode 1	Pass	QP	444.28k	18.68	56.98	-38.30	Line	-
Mode 1	Pass	AV	444.28k	14.39	46.98	-32.59	Line	-
Mode 1	Pass	QP	609.01k	19.81	56.00	-36.19	Line	-
Mode 1	Pass	AV	609.01k	16.30	46.00	-29.70	Line	-
Mode 1	Pass	QP	3.21M	19.97	56.00	-36.03	Line	-
Mode 1	Pass	AV	3.21M	15.33	46.00	-30.67	Line	-
Mode 1	Pass	QP	17.35M	30.48	60.00	-29.52	Line	-
Mode 1	Pass	AV	17.35M	25.03	50.00	-24.97	Line	-
Mode 1	Pass	QP	158.622k	45.58	65.54	-19.96	Neutral	-
Mode 1	Pass	AV	158.622k	33.13	55.54	-22.41	Neutral	-
Mode 1	Pass	QP	281.85k	32.19	60.76	-28.57	Neutral	-
Mode 1	Pass	AV	281.85k	20.97	50.76	-29.79	Neutral	-
Mode 1	Pass	QP	604.167k	23.81	56.00	-32.19	Neutral	-
Mode 1	Pass	AV	604.167k	19.85	46.00	-26.15	Neutral	-
Mode 1	Pass	QP	1.259M	13.77	56.00	-42.23	Neutral	-
Mode 1	Pass	AV	1.259M	12.72	46.00	-33.28	Neutral	-
Mode 1	Pass	QP	3.055M	17.59	56.00	-38.41	Neutral	-
Mode 1	Pass	AV	3.055M	14.93	46.00	-31.07	Neutral	-
Mode 1	Pass	QP	16.936M	30.17	60.00	-29.83	Neutral	-
Mode 1	Pass	AV	16.936M	25.22	50.00	-24.78	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Non-Beamforming_Radio 3 Appendix A.2

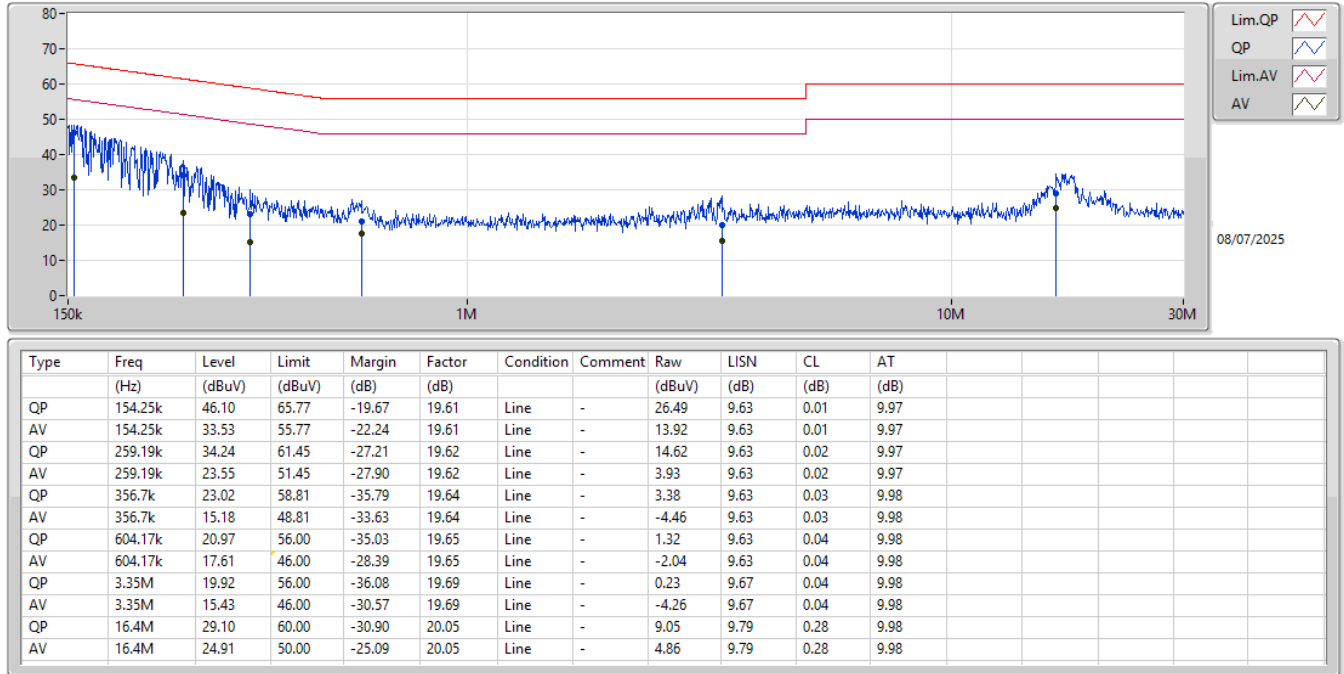
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.25k	46.10	65.77	-19.67	Line

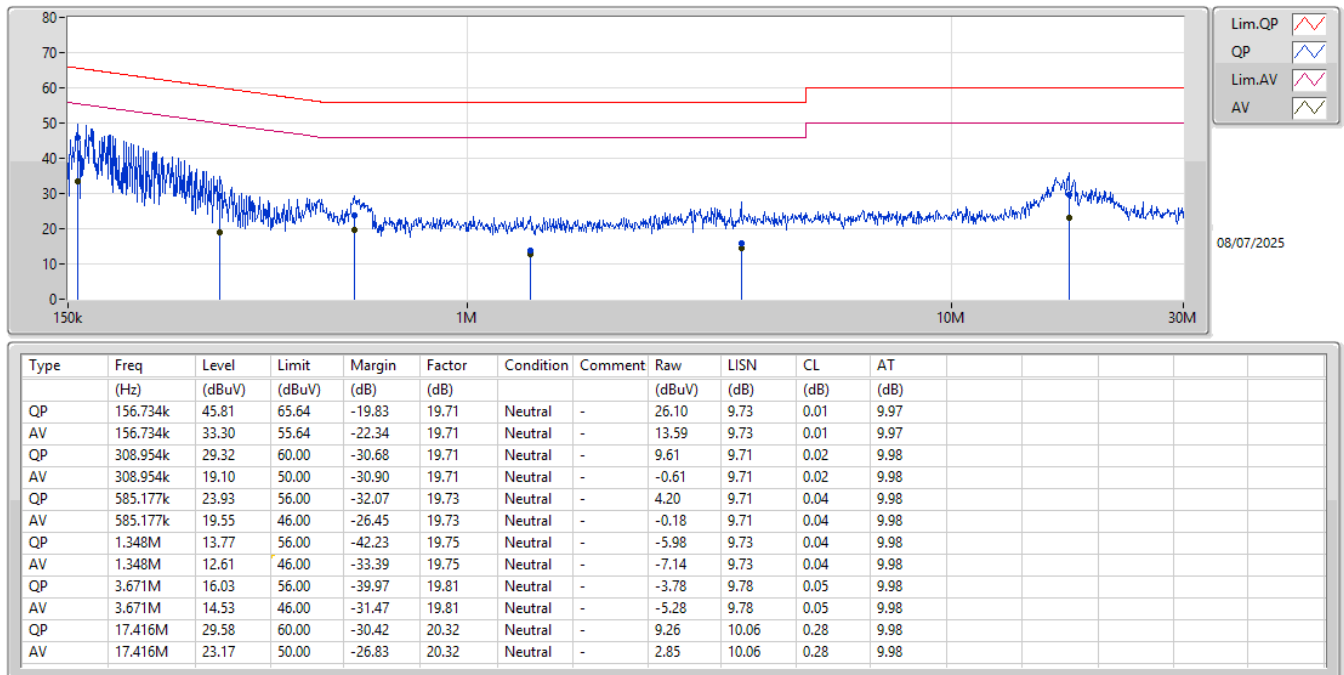
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.25k	46.10	65.77	-19.67	Line	-
Mode 1	Pass	AV	154.25k	33.53	55.77	-22.24	Line	-
Mode 1	Pass	QP	259.19k	34.24	61.45	-27.21	Line	-
Mode 1	Pass	AV	259.19k	23.55	51.45	-27.90	Line	-
Mode 1	Pass	QP	356.7k	23.02	58.81	-35.79	Line	-
Mode 1	Pass	AV	356.7k	15.18	48.81	-33.63	Line	-
Mode 1	Pass	QP	604.17k	20.97	56.00	-35.03	Line	-
Mode 1	Pass	AV	604.17k	17.61	46.00	-28.39	Line	-
Mode 1	Pass	QP	3.35M	19.92	56.00	-36.08	Line	-
Mode 1	Pass	AV	3.35M	15.43	46.00	-30.57	Line	-
Mode 1	Pass	QP	16.4M	29.10	60.00	-30.90	Line	-
Mode 1	Pass	AV	16.4M	24.91	50.00	-25.09	Line	-
Mode 1	Pass	QP	156.734k	45.81	65.64	-19.83	Neutral	-
Mode 1	Pass	AV	156.734k	33.30	55.64	-22.34	Neutral	-
Mode 1	Pass	QP	308.954k	29.32	60.00	-30.68	Neutral	-
Mode 1	Pass	AV	308.954k	19.10	50.00	-30.90	Neutral	-
Mode 1	Pass	QP	585.177k	23.93	56.00	-32.07	Neutral	-
Mode 1	Pass	AV	585.177k	19.55	46.00	-26.45	Neutral	-
Mode 1	Pass	QP	1.348M	13.77	56.00	-42.23	Neutral	-
Mode 1	Pass	AV	1.348M	12.61	46.00	-33.39	Neutral	-
Mode 1	Pass	QP	3.671M	16.03	56.00	-39.97	Neutral	-
Mode 1	Pass	AV	3.671M	14.53	46.00	-31.47	Neutral	-
Mode 1	Pass	QP	17.416M	29.58	60.00	-30.42	Neutral	-
Mode 1	Pass	AV	17.416M	23.17	50.00	-26.83	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Non-Beamforming_ Scan Radio

Appendix A.3

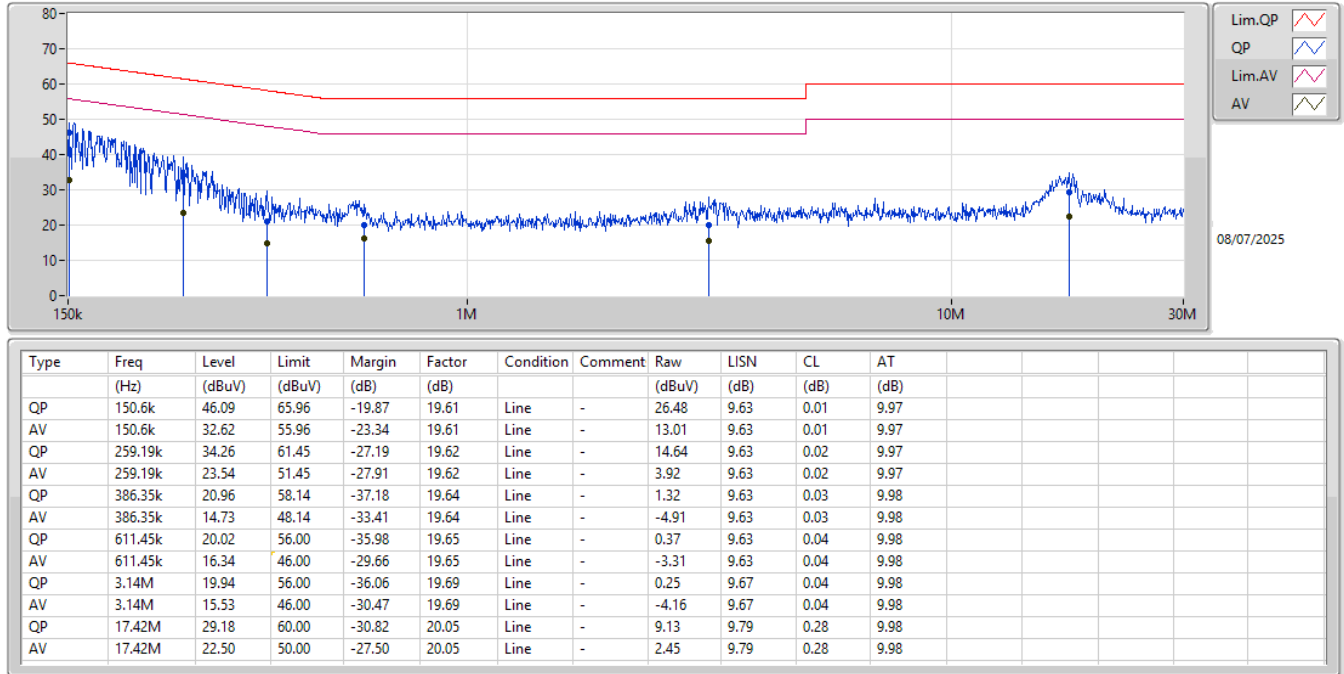
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	47.31	65.96	-18.65	Neutral

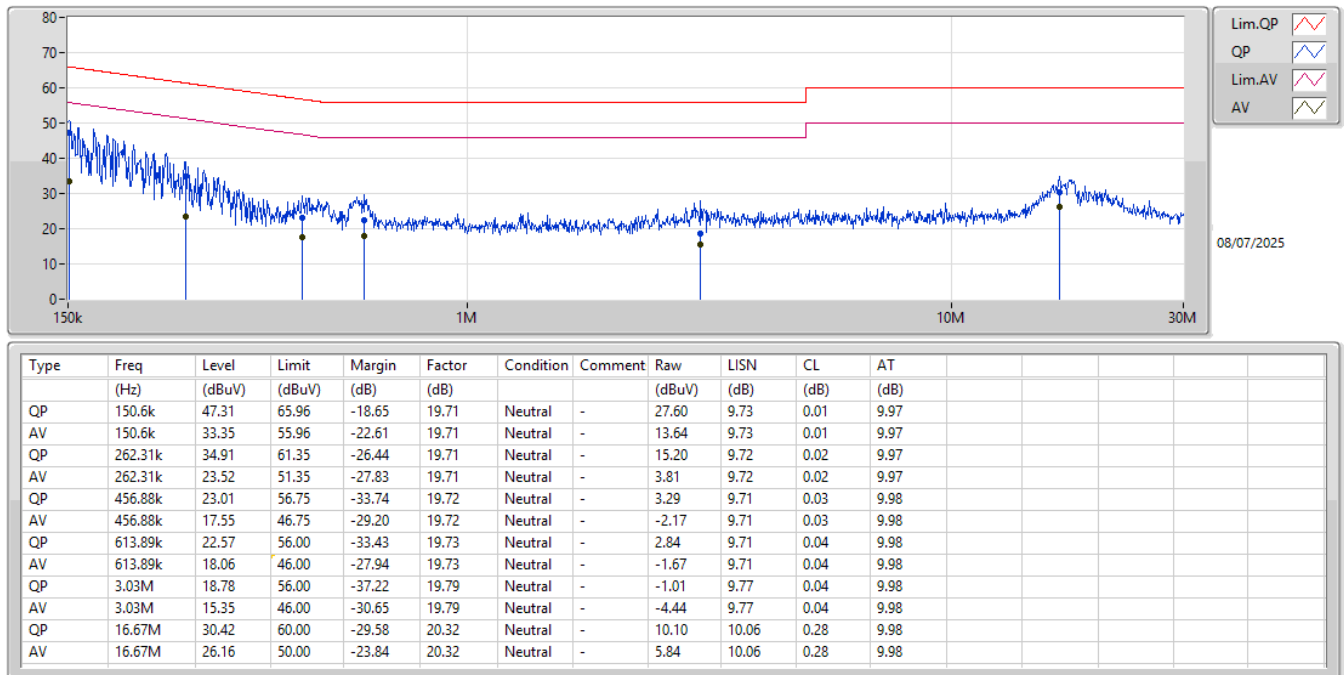
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150.6k	46.09	65.96	-19.87	Line	-
Mode 1	Pass	AV	150.6k	32.62	55.96	-23.34	Line	-
Mode 1	Pass	QP	259.19k	34.26	61.45	-27.19	Line	-
Mode 1	Pass	AV	259.19k	23.54	51.45	-27.91	Line	-
Mode 1	Pass	QP	386.35k	20.96	58.14	-37.18	Line	-
Mode 1	Pass	AV	386.35k	14.73	48.14	-33.41	Line	-
Mode 1	Pass	QP	611.45k	20.02	56.00	-35.98	Line	-
Mode 1	Pass	AV	611.45k	16.34	46.00	-29.66	Line	-
Mode 1	Pass	QP	3.14M	19.94	56.00	-36.06	Line	-
Mode 1	Pass	AV	3.14M	15.53	46.00	-30.47	Line	-
Mode 1	Pass	QP	17.42M	29.18	60.00	-30.82	Line	-
Mode 1	Pass	AV	17.42M	22.50	50.00	-27.50	Line	-
Mode 1	Pass	QP	150.6k	47.31	65.96	-18.65	Neutral	-
Mode 1	Pass	AV	150.6k	33.35	55.96	-22.61	Neutral	-
Mode 1	Pass	QP	262.31k	34.91	61.35	-26.44	Neutral	-
Mode 1	Pass	AV	262.31k	23.52	51.35	-27.83	Neutral	-
Mode 1	Pass	QP	456.88k	23.01	56.75	-33.74	Neutral	-
Mode 1	Pass	AV	456.88k	17.55	46.75	-29.20	Neutral	-
Mode 1	Pass	QP	613.89k	22.57	56.00	-33.43	Neutral	-
Mode 1	Pass	AV	613.89k	18.06	46.00	-27.94	Neutral	-
Mode 1	Pass	QP	3.03M	18.78	56.00	-37.22	Neutral	-
Mode 1	Pass	AV	3.03M	15.35	46.00	-30.65	Neutral	-
Mode 1	Pass	QP	16.67M	30.42	60.00	-29.58	Neutral	-
Mode 1	Pass	AV	16.67M	26.16	50.00	-23.84	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**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(Port1)	8.05M	13.148M	13M1G1D	6.625M	12.984M
802.11g_Nss1,(6Mbps)_1TX(Port1)	15.775M	16.58M	16M6D1D	15.65M	16.448M
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	18.5M	18.941M	18M9D1D	17.175M	18.866M

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)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	7.875M	13.013M
2437MHz	Pass	500k	8.05M	12.984M
2462MHz	Pass	500k	6.625M	13.148M
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	15.675M	16.448M
2437MHz	Pass	500k	15.775M	16.58M
2462MHz	Pass	500k	15.65M	16.536M
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	17.175M	18.941M
2437MHz	Pass	500k	17.75M	18.866M
2462MHz	Pass	500k	18.5M	18.916M

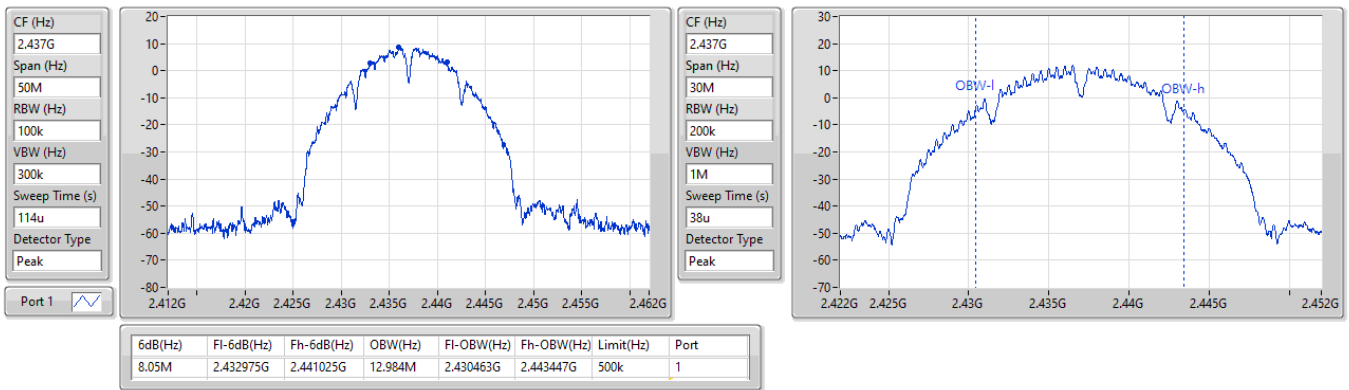
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2437MHz

09/06/2025

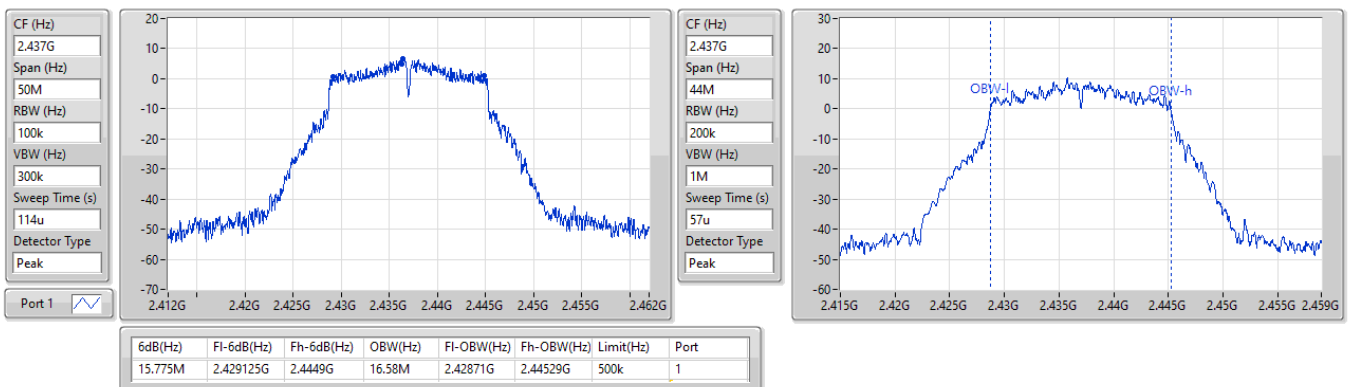


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

EBW

2437MHz

09/06/2025

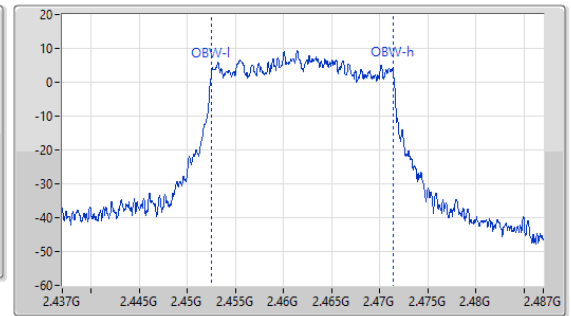
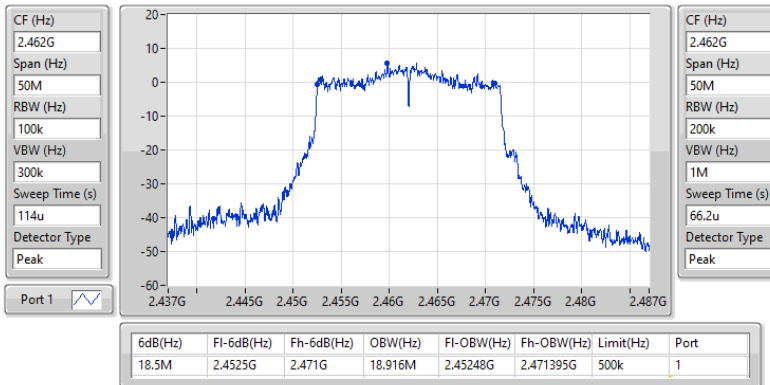


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

EBW

2462MHz

09/06/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.025M	13.178M	13M2G1D	6.65M	12.924M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.69M	16M7D1D	14.425M	16.426M
802.11be EHT20_Nss1,(MCS0)_2TX	16.95M	18.866M	18M9D1D	7.125M	18.566M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.65M	13.028M	7.1M	12.924M
2437MHz	Pass	500k	6.65M	13.043M	7.1M	13.073M
2462MHz	Pass	500k	7.1M	13.073M	8.025M	13.178M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.69M	16.175M	16.426M
2437MHz	Pass	500k	14.675M	16.646M	14.425M	16.426M
2462MHz	Pass	500k	16.3M	16.58M	15.8M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.125M	18.766M	10.9M	18.566M
2437MHz	Pass	500k	16.425M	18.641M	16.1M	18.691M
2462MHz	Pass	500k	16.95M	18.866M	12.5M	18.791M

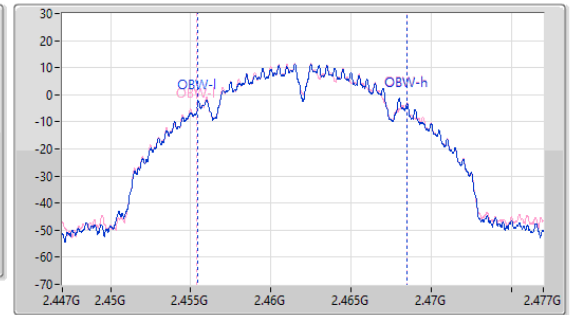
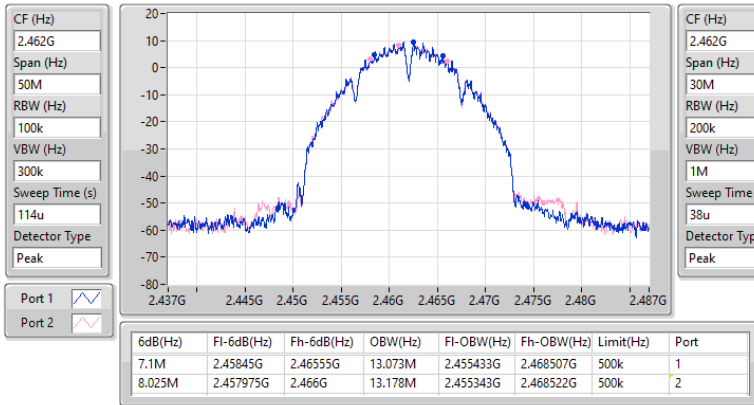
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

09/06/2025

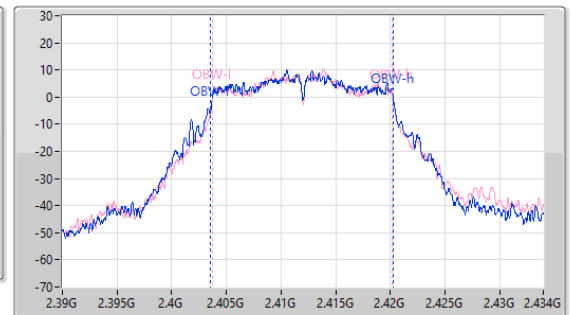
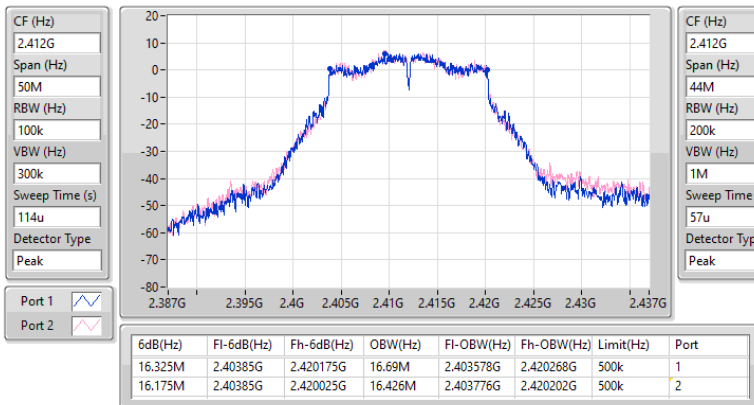


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

09/06/2025



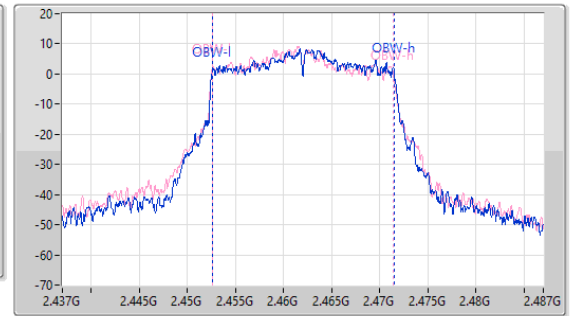
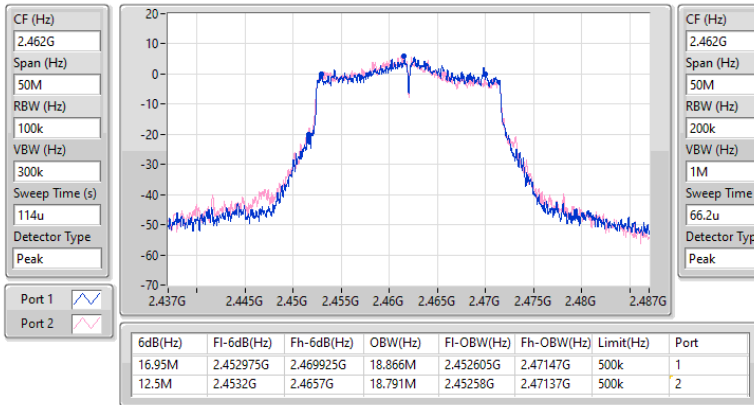


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

09/06/2025



**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(Port1)	8.05M	13.148M	13M1G1D	6.625M	12.984M
802.11g_Nss1,(6Mbps)_1TX(Port1)	15.775M	16.58M	16M6D1D	15.175M	16.492M
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	18.675M	18.891M	18M9D1D	17.75M	18.866M

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)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	7.875M	13.013M
2437MHz	Pass	500k	8.05M	12.984M
2462MHz	Pass	500k	6.625M	13.148M
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	15.175M	16.492M
2437MHz	Pass	500k	15.775M	16.58M
2462MHz	Pass	500k	15.375M	16.514M
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	18.675M	18.891M
2437MHz	Pass	500k	17.75M	18.866M
2462MHz	Pass	500k	18.525M	18.891M

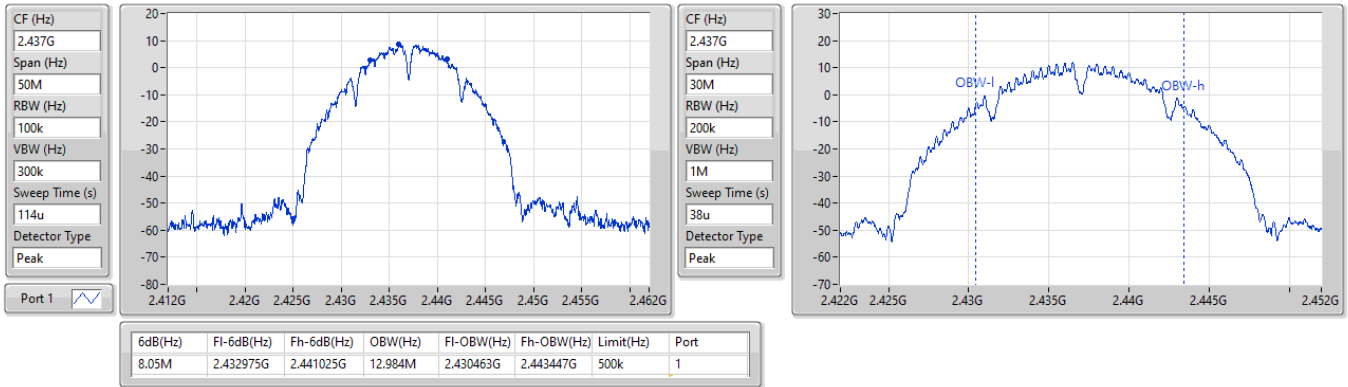
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2437MHz

09/06/2025

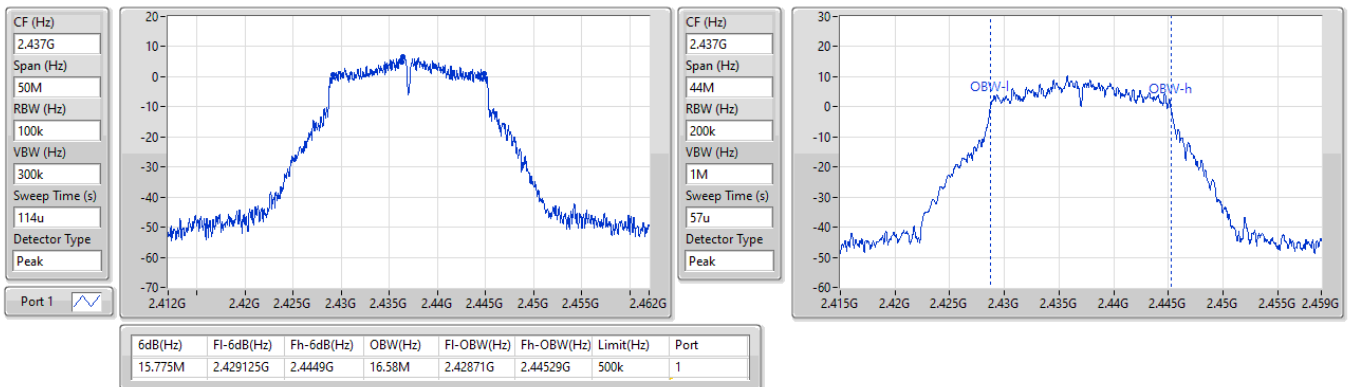


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

EBW

2437MHz

09/06/2025

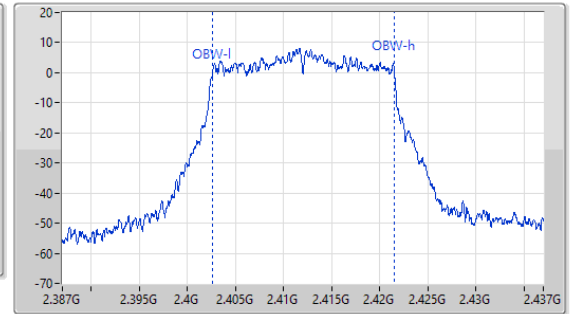
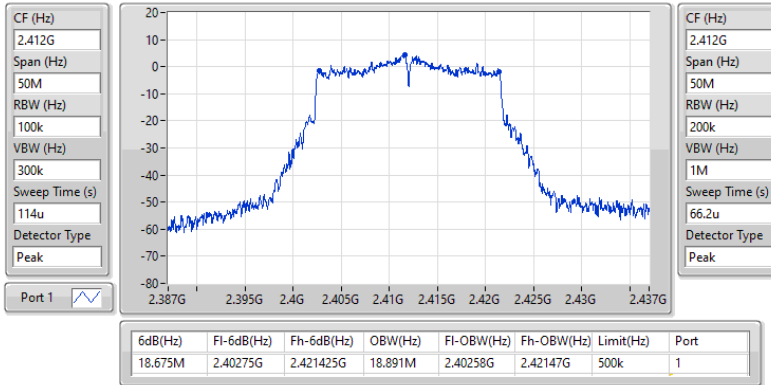


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

EBW

2412MHz

09/06/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.65M	13.073M	13M1G1D	6.65M	12.924M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.668M	16M7D1D	14.425M	16.404M
802.11be EHT20_Nss1,(MCS0)_2TX	18.8M	18.991M	19M0D1D	11.35M	18.666M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.65M	13.028M	7.1M	12.924M
2437MHz	Pass	500k	6.65M	13.043M	7.1M	13.073M
2462MHz	Pass	500k	7.45M	13.073M	7.65M	12.984M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.025M	16.668M	16.3M	16.404M
2437MHz	Pass	500k	14.675M	16.646M	14.425M	16.426M
2462MHz	Pass	500k	14.675M	16.47M	15.025M	16.558M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.8M	18.916M	18.45M	18.966M
2437MHz	Pass	500k	15.65M	18.816M	16.35M	18.666M
2462MHz	Pass	500k	18.725M	18.816M	11.35M	18.991M

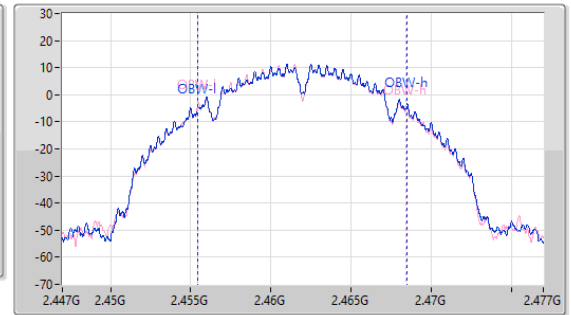
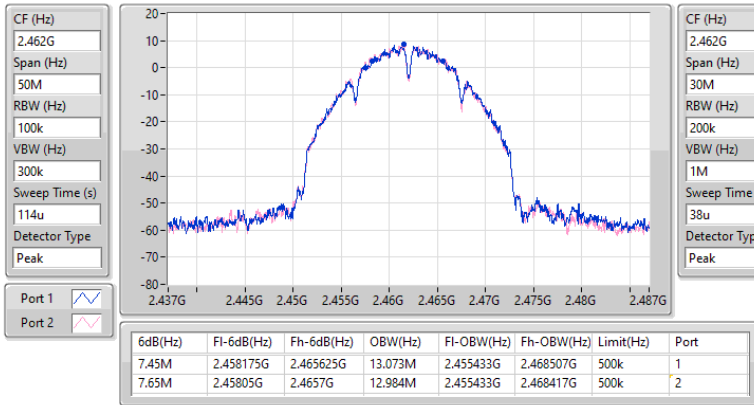
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

09/06/2025

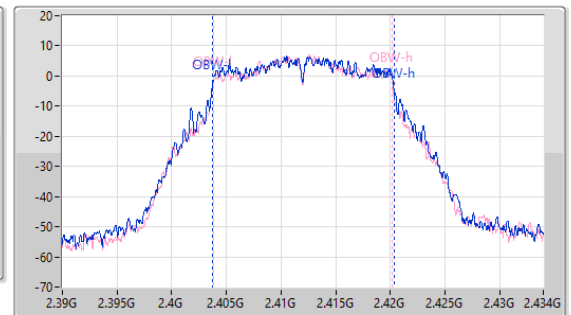
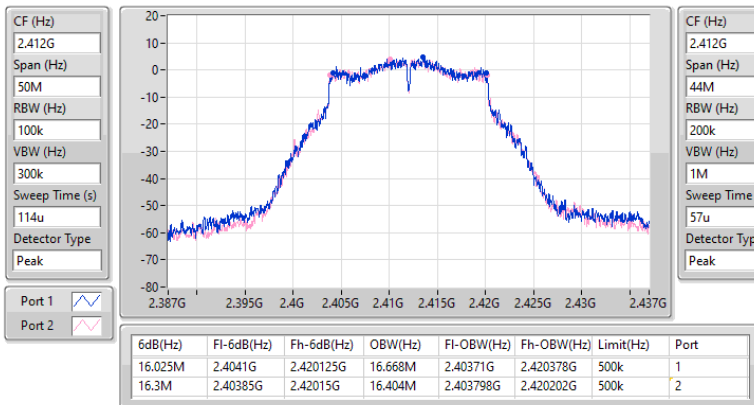


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

09/06/2025

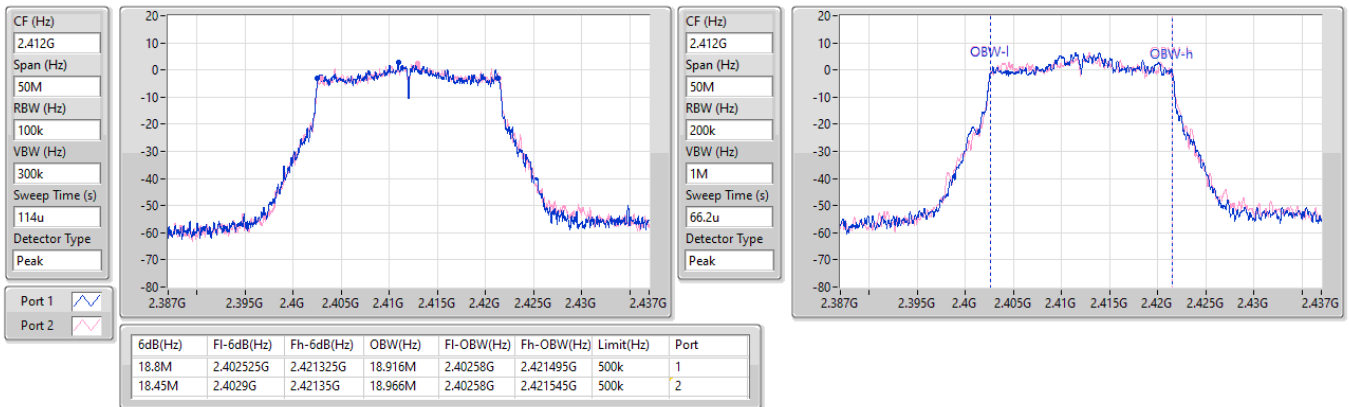


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

09/06/2025



**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(Port2)	13.1M	16.162M	16M2G1D	13M	15.937M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.45M	16.734M	16M7D1D	16.375M	16.602M
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	19.2M	19.015M	19M0D1D	19.05M	18.966M

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 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-
2412MHz	Pass	500k	13M	15.937M
2437MHz	Pass	500k	13.1M	16.012M
2462MHz	Pass	500k	13.075M	16.162M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-
2412MHz	Pass	500k	16.4M	16.69M
2437MHz	Pass	500k	16.375M	16.602M
2462MHz	Pass	500k	16.45M	16.734M
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-
2412MHz	Pass	500k	19.075M	18.991M
2437MHz	Pass	500k	19.05M	19.015M
2462MHz	Pass	500k	19.2M	18.966M

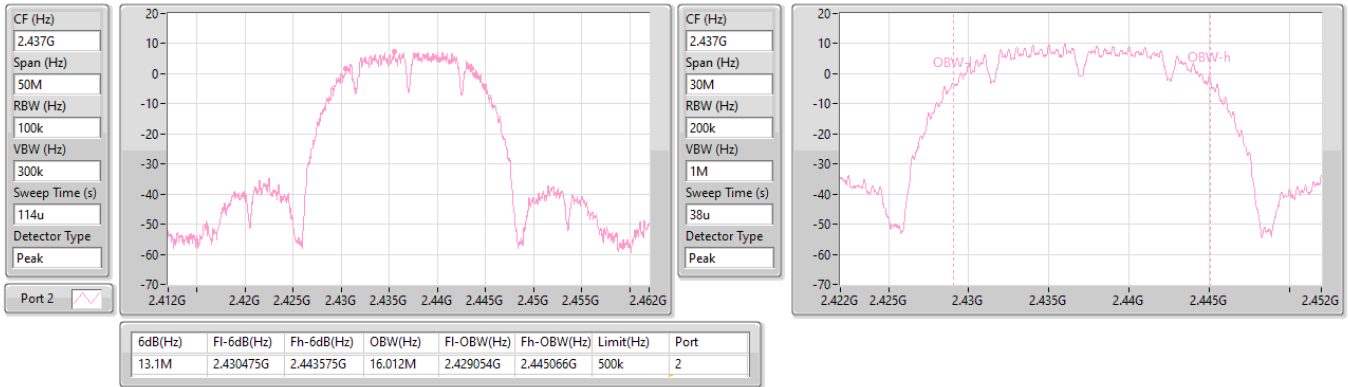
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

EBW

2437MHz

10/06/2025

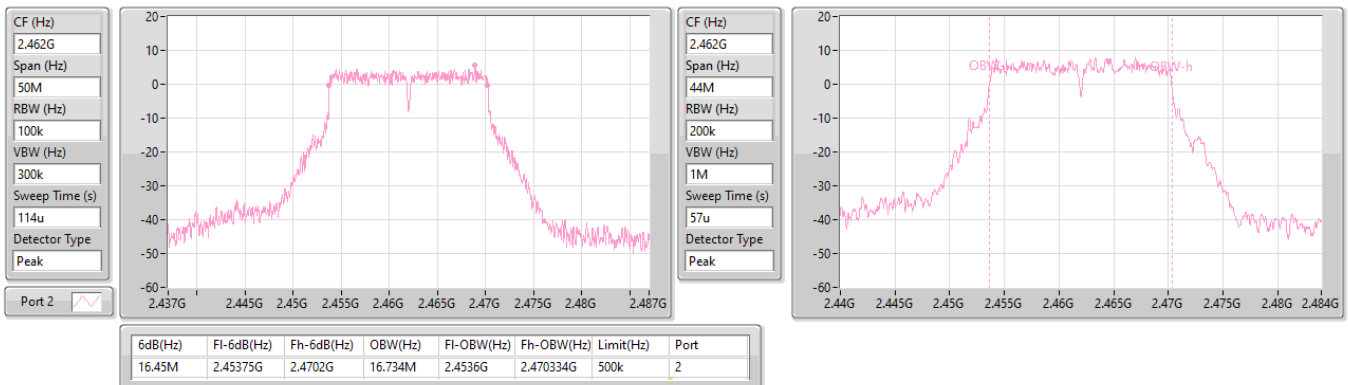


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

EBW

2462MHz

10/06/2025

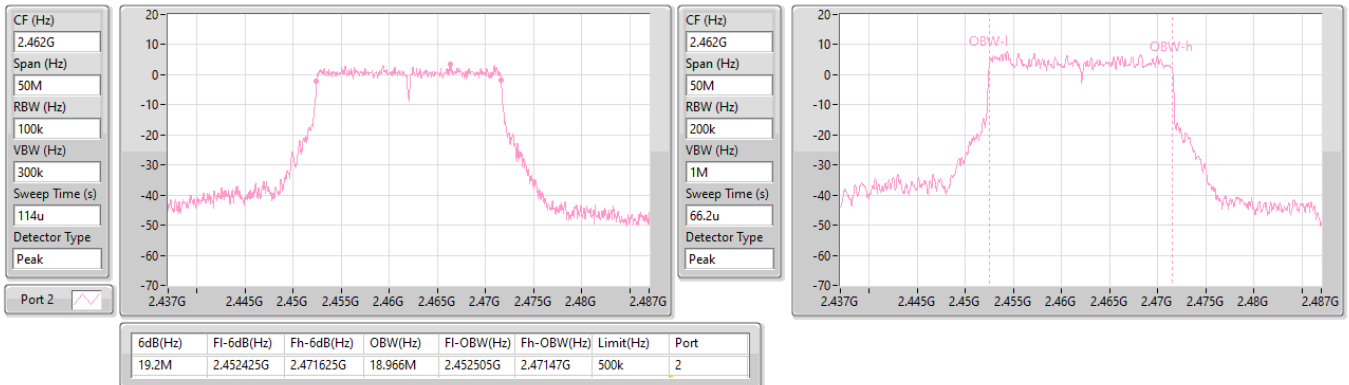


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

EBW

2462MHz

10/06/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	14.025M	16.132M	16M1G1D	12.675M	15.922M
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	16.475M	16.734M	16M7D1D	16.325M	16.536M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	19.125M	19.065M	19M1D1D	19.025M	18.991M

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 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	500k	13.025M	15.922M	13.55M	16.027M
2437MHz	Pass	500k	13.075M	16.012M	14.025M	16.132M
2462MHz	Pass	500k	13.125M	16.027M	12.675M	16.012M
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	500k	16.45M	16.668M	16.325M	16.668M
2437MHz	Pass	500k	16.375M	16.58M	16.475M	16.536M
2462MHz	Pass	500k	16.475M	16.58M	16.45M	16.734M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	500k	19.025M	19.04M	19.05M	19.015M
2437MHz	Pass	500k	19.075M	18.991M	19.1M	19.065M
2462MHz	Pass	500k	19.1M	18.991M	19.125M	19.015M

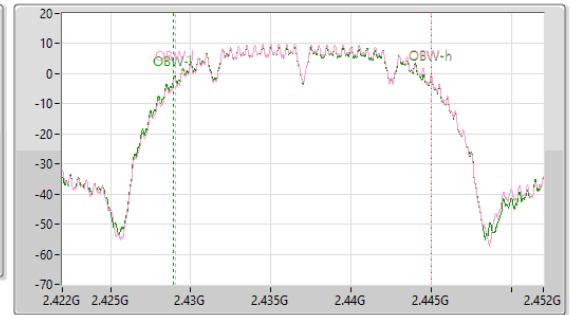
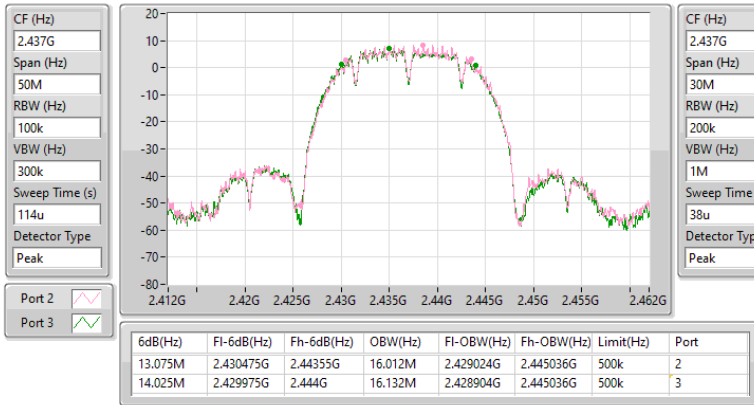
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)

EBW

2437MHz

10/06/2025

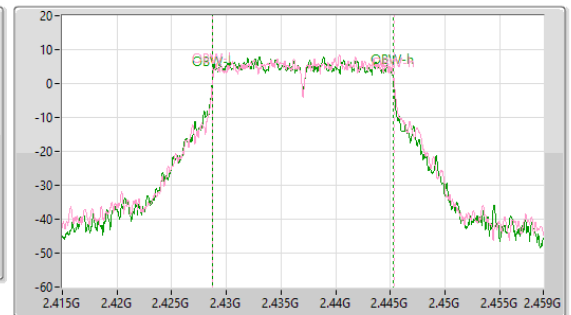
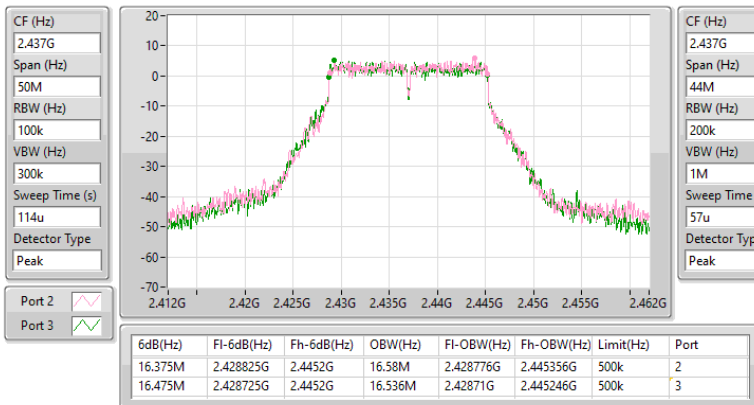


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)

EBW

2437MHz

10/06/2025

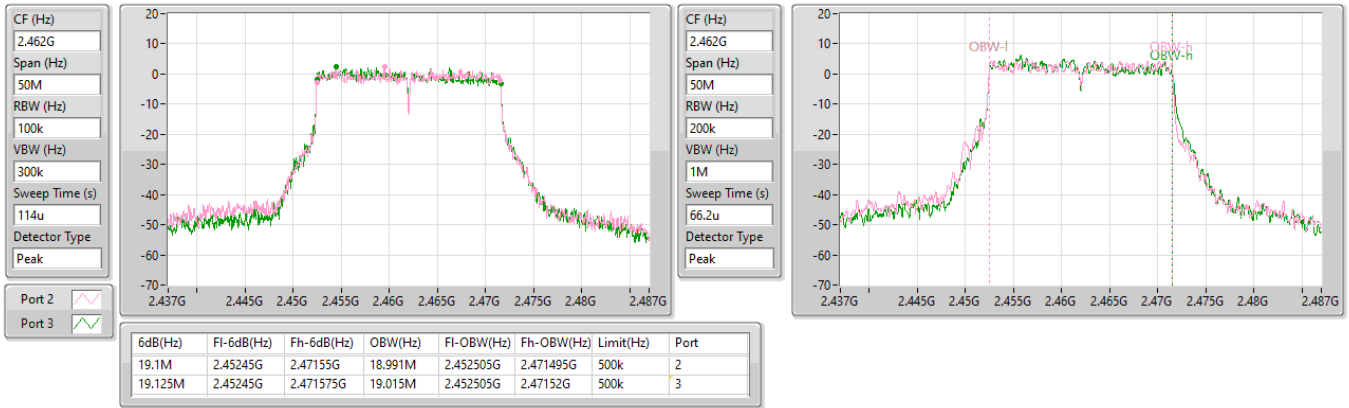


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

2462MHz

10/06/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	13.625M	16.117M	16M1G1D	11.575M	15.937M
802.11g_Nss1,(6Mbps)_4TX	16.5M	16.756M	16M8D1D	16.325M	16.558M
802.11be EHT20_Nss1,(MCS0)_4TX	19.125M	19.09M	19M1D1D	19M	18.941M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	13.1M	16.057M	12.775M	16.012M	13.075M	16.087M	11.575M	15.997M
2437MHz	Pass	500k	13.1M	16.057M	12.875M	15.937M	13.625M	16.087M	12.85M	15.967M
2462MHz	Pass	500k	12.875M	16.042M	13.075M	16.087M	13.5M	16.012M	13.1M	16.117M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.375M	16.624M	16.5M	16.58M	16.5M	16.558M	16.4M	16.558M
2437MHz	Pass	500k	16.5M	16.624M	16.45M	16.69M	16.45M	16.602M	16.45M	16.756M
2462MHz	Pass	500k	16.45M	16.756M	16.5M	16.624M	16.325M	16.602M	16.35M	16.69M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.1M	19.015M	19.025M	18.941M	19.125M	18.966M	19.1M	18.941M
2437MHz	Pass	500k	19.125M	18.991M	19.075M	19.015M	19.075M	19.04M	19.075M	18.991M
2462MHz	Pass	500k	19.05M	18.941M	19.1M	19.04M	19M	19.09M	19.125M	18.966M

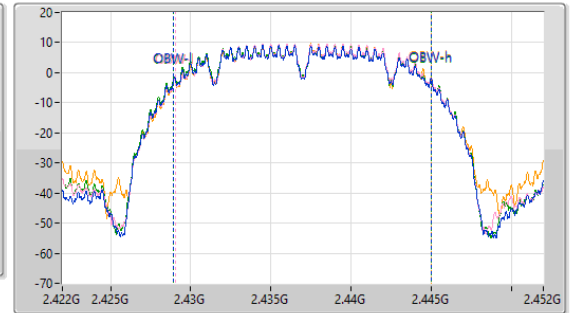
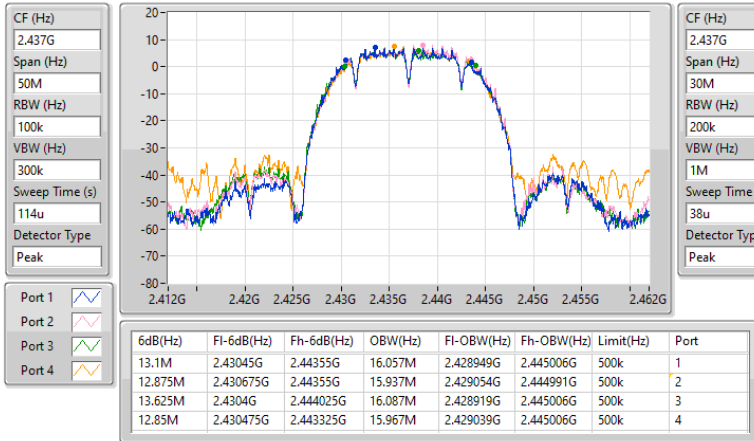
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

10/06/2025

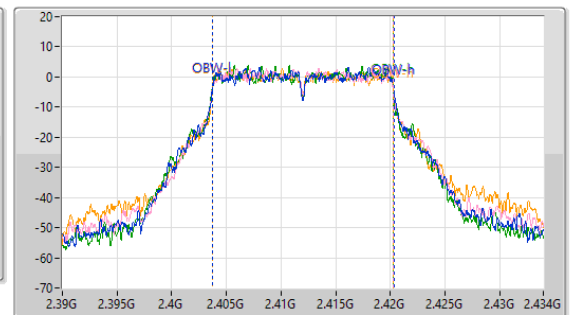
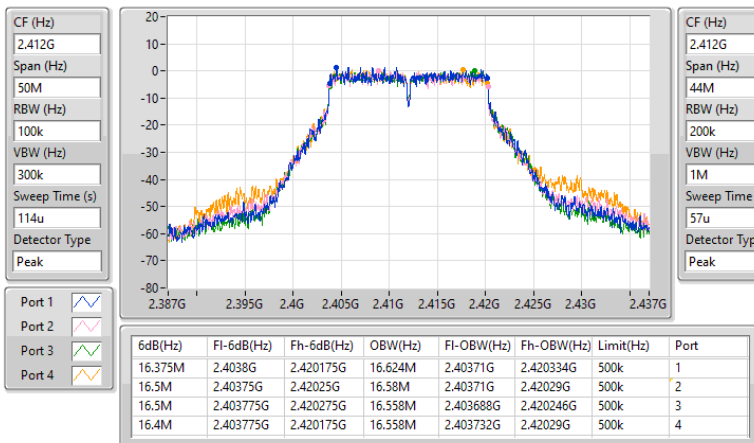


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

10/06/2025

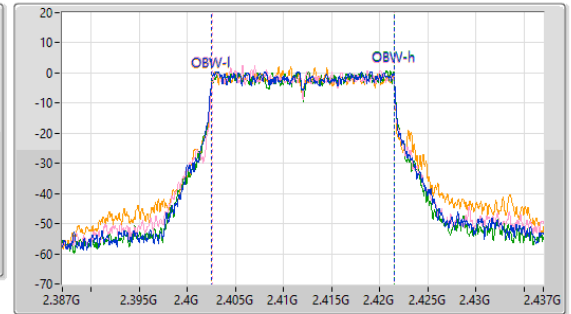
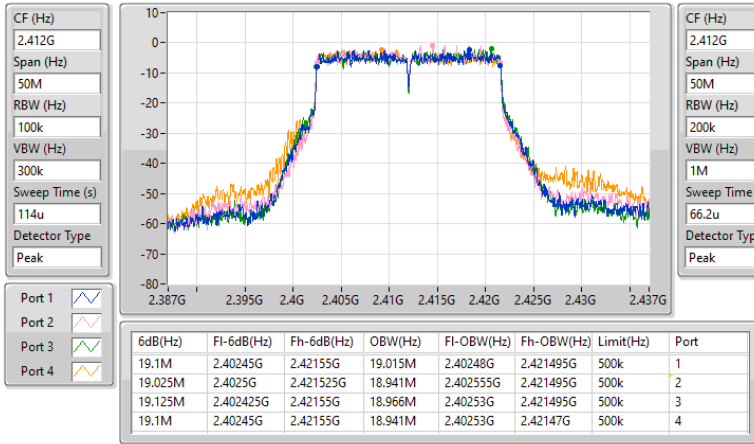


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2412MHz

10/06/2025



**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(Port2)	14.025M	16.072M	16M1G1D	13M	15.937M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.525M	16.822M	16M8D1D	16.375M	16.602M
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	19.15M	19.015M	19M0D1D	19.05M	18.991M

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 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-
2412MHz	Pass	500k	13M	15.937M
2437MHz	Pass	500k	13.1M	16.012M
2462MHz	Pass	500k	14.025M	16.072M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-
2412MHz	Pass	500k	16.425M	16.602M
2437MHz	Pass	500k	16.375M	16.602M
2462MHz	Pass	500k	16.525M	16.822M
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-
2412MHz	Pass	500k	19.1M	19.015M
2437MHz	Pass	500k	19.05M	19.015M
2462MHz	Pass	500k	19.15M	18.991M

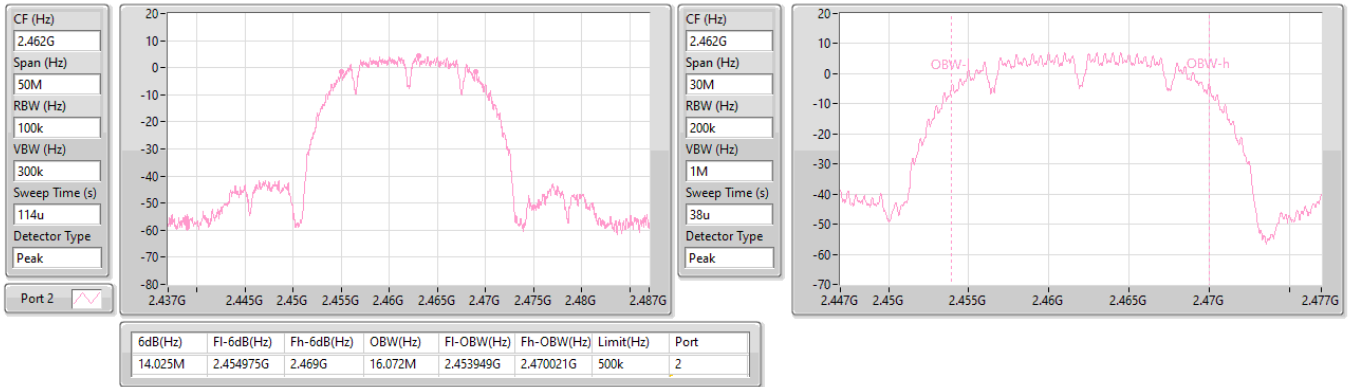
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

EBW

2462MHz

11/06/2025

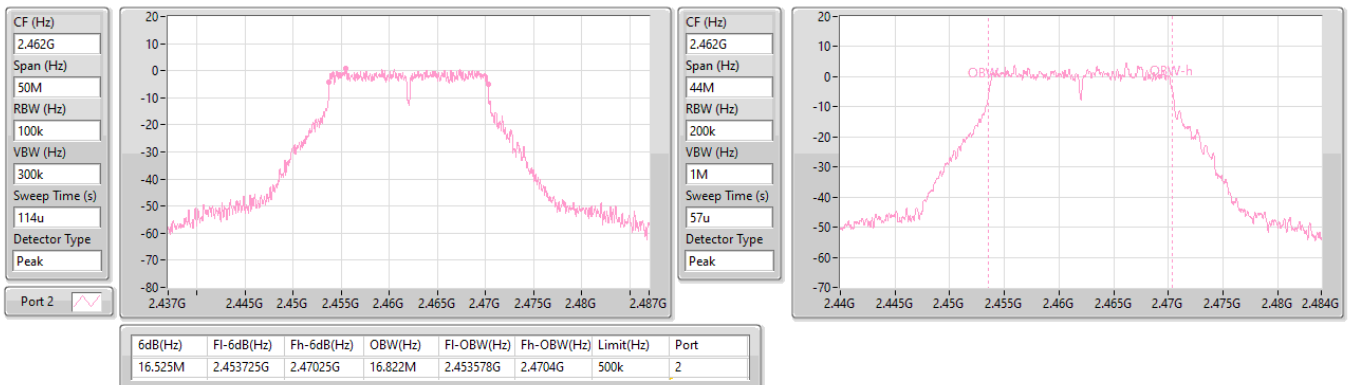


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

EBW

2462MHz

11/06/2025

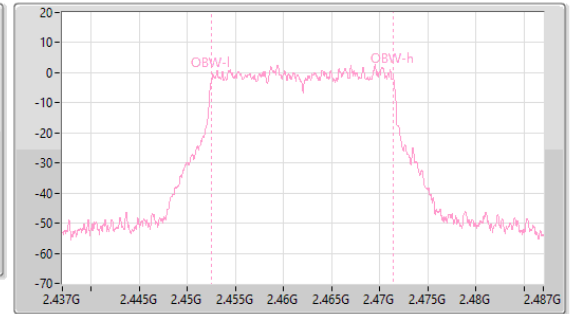
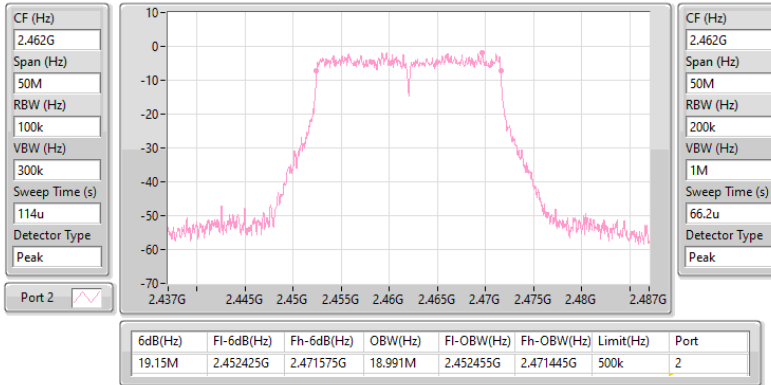


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

EBW

2462MHz

11/06/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	13.1M	16.087M	16M1G1D	12.625M	15.982M
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	16.5M	16.866M	16M9D1D	16.375M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	19.225M	19.04M	19M0D1D	19.05M	18.991M

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 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	500k	12.75M	15.982M	12.825M	16.057M
2437MHz	Pass	500k	13.075M	16.042M	13.1M	16.012M
2462MHz	Pass	500k	13.05M	16.087M	12.625M	16.057M
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	500k	16.4M	16.624M	16.375M	16.712M
2437MHz	Pass	500k	16.45M	16.646M	16.5M	16.866M
2462MHz	Pass	500k	16.5M	16.712M	16.4M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	500k	19.15M	18.991M	19.225M	19.015M
2437MHz	Pass	500k	19.05M	18.991M	19.075M	19.015M
2462MHz	Pass	500k	19.125M	19.015M	19.125M	19.04M

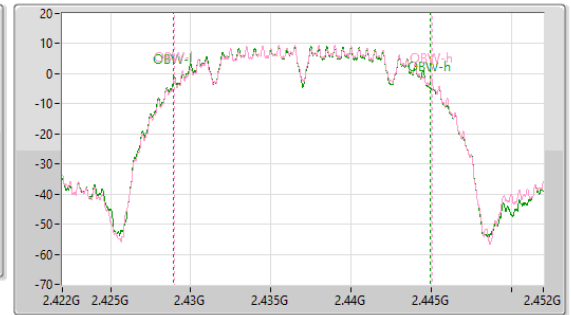
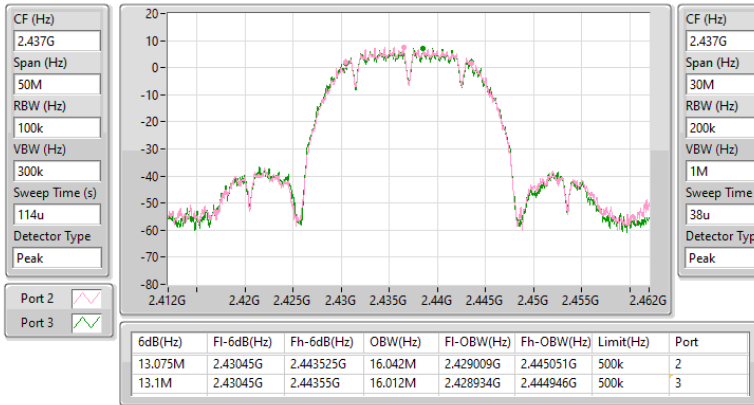
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)

EBW

2437MHz

10/06/2025

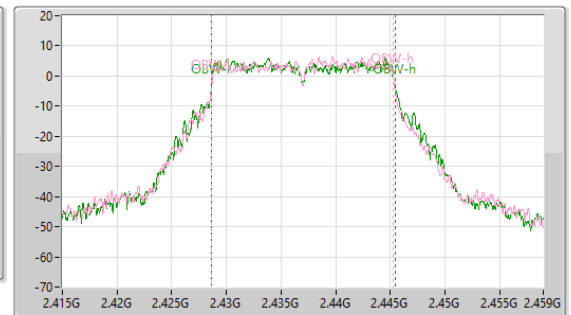
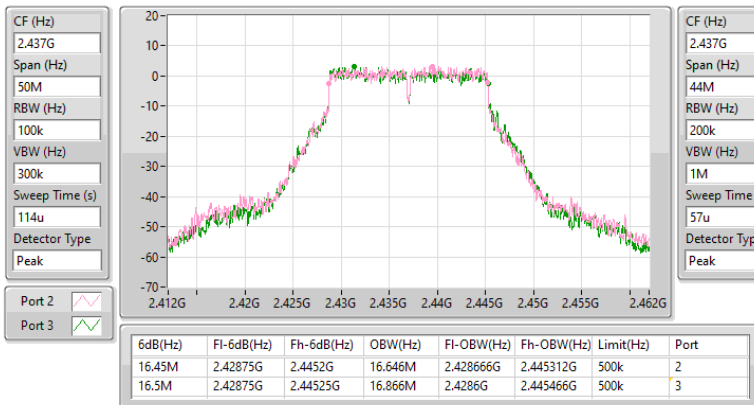


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)

EBW

2437MHz

11/06/2025

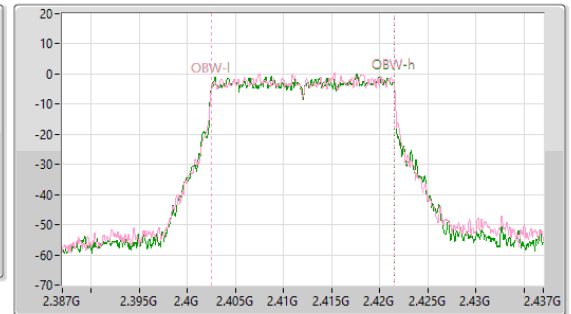
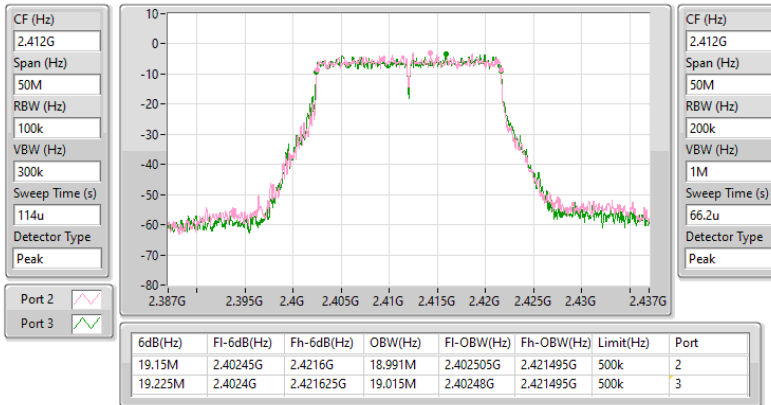


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

2412MHz

11/06/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	13.55M	16.147M	16M1G1D	12.525M	15.982M
802.11g_Nss1,(6Mbps)_4TX	16.5M	16.91M	16M9D1D	16.025M	16.536M
802.11be EHT20_Nss1,(MCS0)_4TX	19.15M	19.09M	19M1D1D	19.05M	18.941M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	13.55M	16.057M	13.1M	15.982M	13.075M	16.087M	13.075M	15.997M
2437MHz	Pass	500k	12.875M	16.042M	13.05M	16.012M	13M	16.087M	13.075M	16.012M
2462MHz	Pass	500k	12.525M	16.012M	13.1M	16.072M	13.15M	16.057M	12.95M	16.147M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.425M	16.91M	16.075M	16.778M	16.35M	16.69M	16.475M	16.58M
2437MHz	Pass	500k	16.5M	16.822M	16.025M	16.536M	16.5M	16.756M	16.475M	16.624M
2462MHz	Pass	500k	16.35M	16.624M	16.45M	16.58M	16.35M	16.624M	16.425M	16.712M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.05M	19.015M	19.075M	18.941M	19.15M	19.09M	19.05M	19.015M
2437MHz	Pass	500k	19.05M	19.015M	19.1M	18.966M	19.125M	19.065M	19.1M	18.941M
2462MHz	Pass	500k	19.075M	18.991M	19.125M	19.04M	19.075M	19.09M	19.125M	18.991M

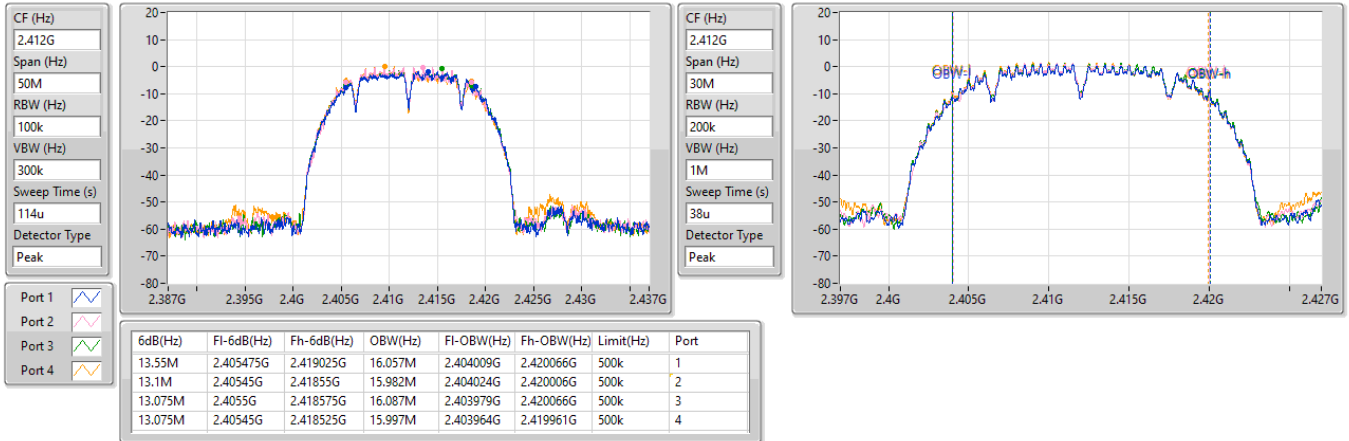
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

09/06/2025

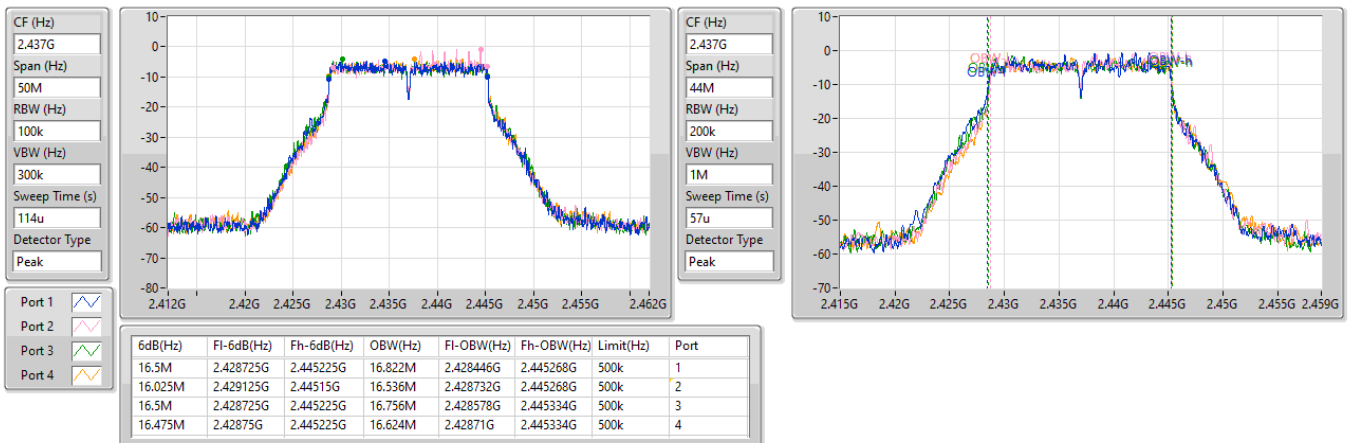


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

09/06/2025

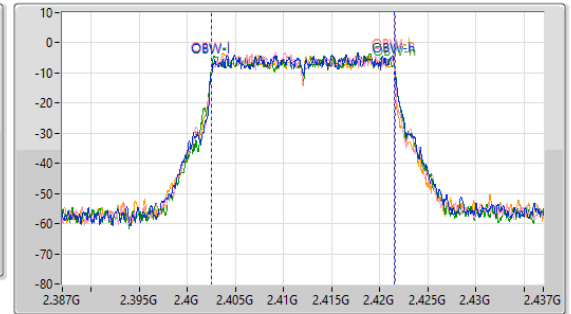
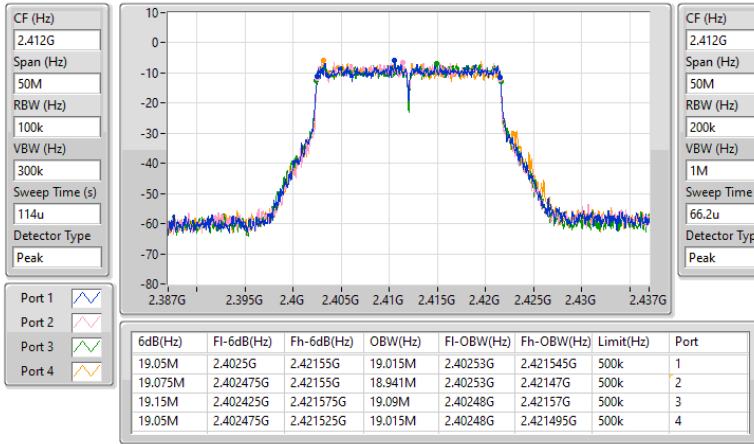


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2412MHz

10/06/2025



**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	14.303M	14M3G1D	7.25M	14.063M
802.11g_Nss1,(6Mbps)_1TX	16.275M	18.053M	18M1D1D	11.325M	16.382M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.675M	19.415M	19M4D1D	14.75M	18.866M

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)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.525M	14.303M
2437MHz	Pass	500k	7.25M	14.063M
2462MHz	Pass	500k	8.05M	14.108M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	11.325M	18.053M
2437MHz	Pass	500k	15.05M	17.877M
2462MHz	Pass	500k	16.275M	16.382M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.675M	19.415M
2437MHz	Pass	500k	14.75M	18.991M
2462MHz	Pass	500k	18.65M	18.866M

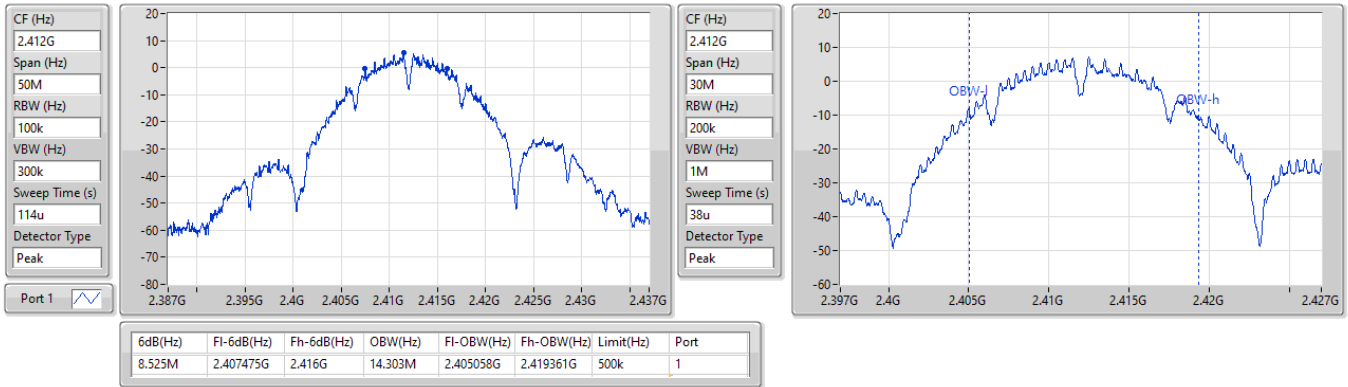
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

11/06/2025

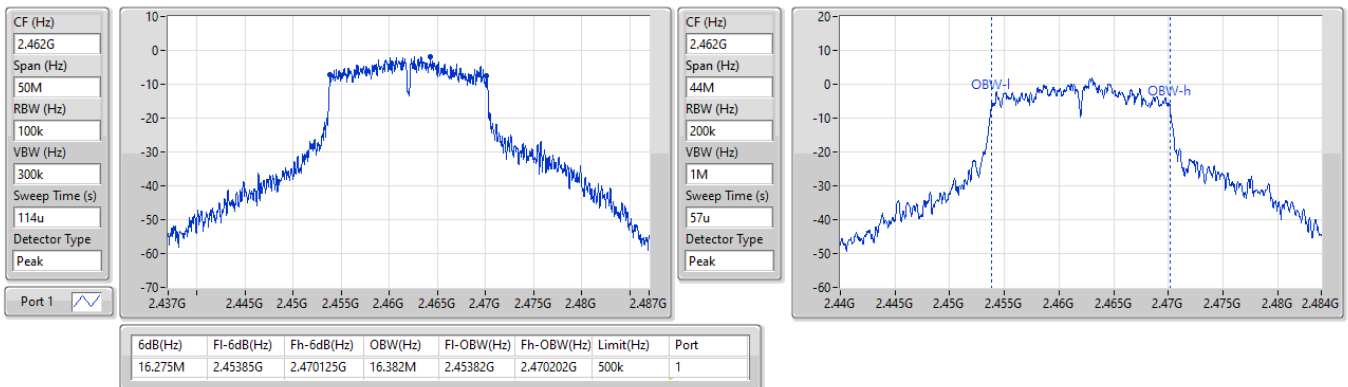


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

11/06/2025



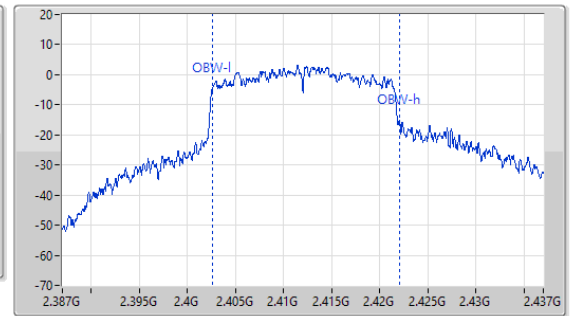
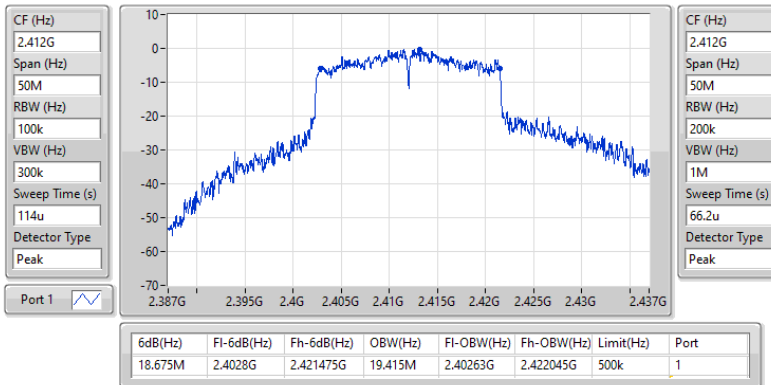


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2412MHz

11/06/2025



**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	14.303M	14M3G1D	7.25M	13.808M
802.11g_Nss1,(6Mbps)_1TX	16.3M	17.877M	17M9D1D	15.05M	16.294M
802.11ax HEW20_Nss1,(MCS0)_1TX	17.65M	18.991M	19M0D1D	12.475M	18.891M

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)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.525M	14.303M
2437MHz	Pass	500k	7.25M	14.063M
2462MHz	Pass	500k	7.575M	13.808M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.3M	16.338M
2437MHz	Pass	500k	15.05M	17.877M
2462MHz	Pass	500k	16.05M	16.294M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	12.475M	18.891M
2437MHz	Pass	500k	14.75M	18.991M
2462MHz	Pass	500k	17.65M	18.891M

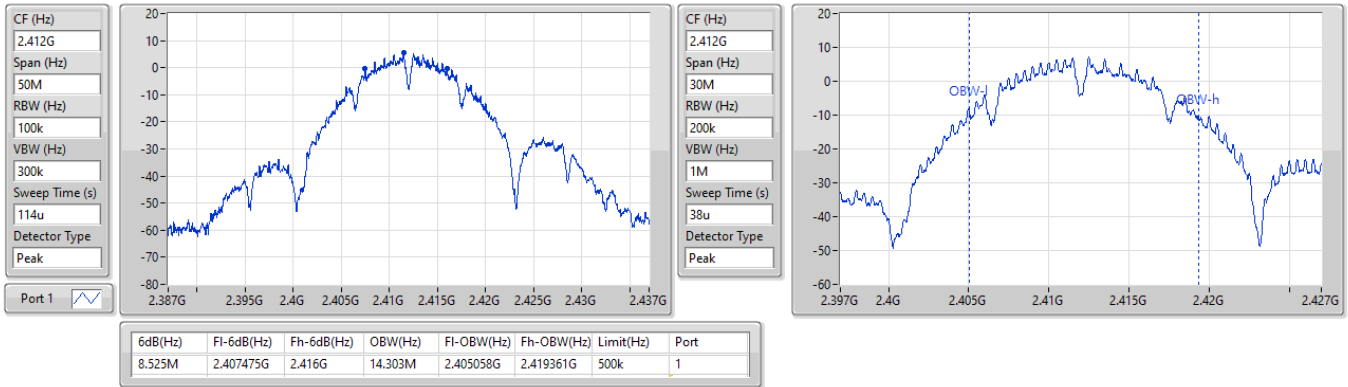
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

11/06/2025

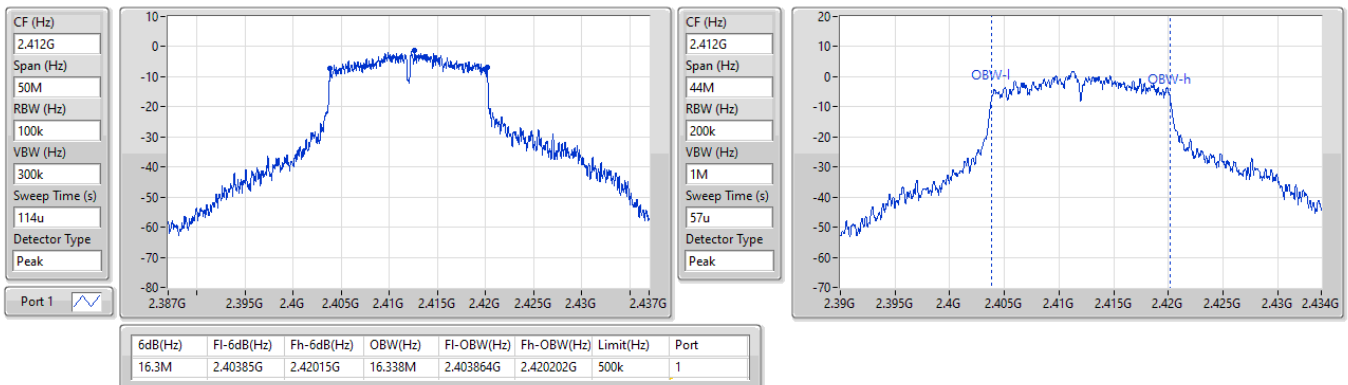


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

11/06/2025



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

EBW

2462MHz

11/06/2025

CF (Hz)
2.462G

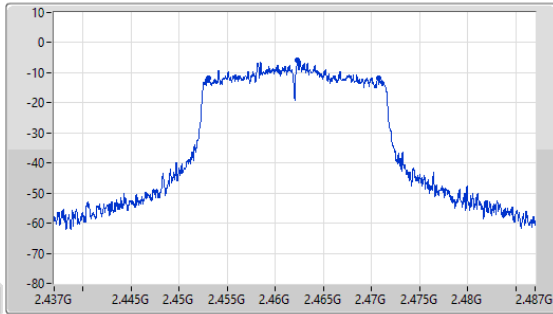
Span (Hz)
50M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
114u

Detector Type
Peak



CF (Hz)
2.462G

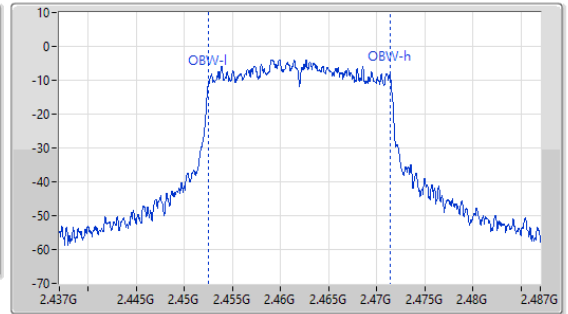
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.65M	2.45305G	2.4707G	18.891M	2.45253G	2.47142G	500k	1



Average Power_Non-Beamforming_ Radio 1_Omnidirectional_1T1S

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	19.41	0.08730
802.11g_Nss1,(6Mbps)_1TX(Port1)	18.96	0.07870
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	19.02	0.07980



Average Power_Non-Beamforming_ Radio 1_Omnidirectional_1T1S

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	2.00	19.32	19.32	30.00
2437MHz	Pass	2.00	19.41	19.41	30.00
2462MHz	Pass	2.00	19.00	19.00	30.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	2.00	18.93	18.93	30.00
2437MHz	Pass	2.00	18.96	18.96	30.00
2462MHz	Pass	2.00	18.66	18.66	30.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	2.00	18.93	18.93	30.00
2437MHz	Pass	2.00	19.02	19.02	30.00
2462MHz	Pass	2.00	18.62	18.62	30.00

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



Average Power_Non-Beamforming_ Radio 1_Omnidirectional_2T1S

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.36	0.17219
802.11g_Nss1,(6Mbps)_2TX	22.04	0.15996
802.11be EHT20_Nss1,(MCS0)_2TX	22.32	0.17061



Average Power_Non-Beamforming_ Radio 1_Omnidirectional_2T1S

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	19.14	19.30	22.23	30.00
2437MHz	Pass	2.00	19.50	19.19	22.36	30.00
2462MHz	Pass	2.00	18.81	19.03	21.93	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	18.86	18.79	21.84	30.00
2437MHz	Pass	2.00	19.09	18.97	22.04	30.00
2457MHz	Pass	2.00	18.27	18.20	21.25	30.00
2462MHz	Pass	2.00	17.87	17.70	20.80	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	19.10	19.23	22.18	30.00
2437MHz	Pass	2.00	19.35	19.26	22.32	30.00
2457MHz	Pass	2.00	17.83	17.66	20.76	30.00
2462MHz	Pass	2.00	18.05	17.95	21.01	30.00

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



Average Power_Non-Beamforming_ Radio 1_Patch Array_1T1S

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	19.41	0.08730
802.11g_Nss1,(6Mbps)_1TX(Port1)	19.08	0.08091
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	19.02	0.07980



Average Power_Non-Beamforming_ Radio 1_Patch Array_1T1S

Appendix C.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	13.00	19.32	19.32	23.00
2437MHz	Pass	13.00	19.41	19.41	23.00
2462MHz	Pass	13.00	19.00	19.00	23.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	13.00	18.54	18.54	23.00
2417MHz	Pass	13.00	19.08	19.08	23.00
2437MHz	Pass	13.00	18.96	18.96	23.00
2457MHz	Pass	13.00	18.00	18.00	23.00
2462MHz	Pass	13.00	17.32	17.32	23.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	13.00	17.54	17.54	23.00
2417MHz	Pass	13.00	18.22	18.22	23.00
2437MHz	Pass	13.00	19.02	19.02	23.00
2457MHz	Pass	13.00	17.39	17.39	23.00
2462MHz	Pass	13.00	16.94	16.94	23.00

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



Average Power_Non-Beamforming_Radio 1_Patch Array_2T1S Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.36	0.17219
802.11g_Nss1,(6Mbps)_2TX	22.04	0.15996
802.11be EHT20_Nss1,(MCS0)_2TX	21.74	0.14928



Average Power_Non-Beamforming_Radio 1_Patch Array_2T1S Appendix C.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.00	19.14	19.30	22.23	23.00
2437MHz	Pass	13.00	19.50	19.19	22.36	23.00
2457MHz	Pass	13.00	18.94	19.17	22.07	23.00
2462MHz	Pass	13.00	18.80	18.59	21.71	23.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.00	17.08	16.91	20.01	23.00
2417MHz	Pass	13.00	18.29	17.97	21.14	23.00
2437MHz	Pass	13.00	19.09	18.97	22.04	23.00
2457MHz	Pass	13.00	16.86	16.95	19.92	23.00
2462MHz	Pass	13.00	14.51	14.50	17.52	23.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.00	16.26	16.30	19.29	23.00
2417MHz	Pass	13.00	17.34	17.27	20.32	23.00
2437MHz	Pass	13.00	18.79	18.66	21.74	23.00
2457MHz	Pass	13.00	15.91	15.96	18.95	23.00
2462MHz	Pass	13.00	12.95	12.88	15.93	23.00

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



Average Power_Non-Beamforming_ Radio 3_Omnidirectional_1T1S

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	19.82	0.09594
802.11g_Nss1,(6Mbps)_1TX(Port2)	19.24	0.08395
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	19.42	0.08750



Average Power_Non-Beamforming_ Radio 3_Omnidirectional_1T1S

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	2.00	19.61	19.61	30.00
2437MHz	Pass	2.00	19.82	19.82	30.00
2462MHz	Pass	2.00	19.52	19.52	30.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	2.00	18.99	18.99	30.00
2437MHz	Pass	2.00	19.24	19.24	30.00
2462MHz	Pass	2.00	18.88	18.88	30.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	2.00	19.02	19.02	30.00
2437MHz	Pass	2.00	19.42	19.42	30.00
2457MHz	Pass	2.00	18.44	18.44	30.00
2462MHz	Pass	2.00	18.33	18.33	30.00

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



Average Power_Non-Beamforming_ Radio 3_Omnidirectional_2T1S

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	22.73	0.18750
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	22.20	0.16596
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	22.35	0.17179



Average Power_Non-Beamforming_ Radio 3_Omnidirectional_2T1S

Appendix C.6

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	2.00	19.63	19.59	22.62	30.00
2437MHz	Pass	2.00	19.81	19.62	22.73	30.00
2457MHz	Pass	2.00	19.31	19.34	22.34	30.00
2462MHz	Pass	2.00	19.18	19.28	22.24	30.00
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	2.00	17.73	17.87	20.81	30.00
2417MHz	Pass	2.00	19.17	19.10	22.15	30.00
2437MHz	Pass	2.00	19.32	19.06	22.20	30.00
2457MHz	Pass	2.00	18.67	18.70	21.70	30.00
2462MHz	Pass	2.00	17.25	17.24	20.26	30.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	2.00	15.58	15.50	18.55	30.00
2417MHz	Pass	2.00	18.34	18.32	21.34	30.00
2437MHz	Pass	2.00	19.35	19.32	22.35	30.00
2457MHz	Pass	2.00	18.02	17.97	21.01	30.00
2462MHz	Pass	2.00	16.42	16.58	19.51	30.00

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



**Average Power_Non-Beamforming_
Radio 3_Omnidirectional_4T1S**

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	25.56	0.35975
802.11g_Nss1,(6Mbps)_4TX	25.02	0.31769
802.11be EHT20_Nss1,(MCS0)_4TX	25.21	0.33189



Average Power_Non-Beamforming_ Radio 3_Omnidirectional_4T1S

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.00	17.33	17.77	17.75	17.40	23.59	30.00
2417MHz	Pass	2.00	16.96	17.33	17.41	16.94	23.19	30.00
2437MHz	Pass	2.00	19.19	19.71	19.56	19.66	25.56	30.00
2457MHz	Pass	2.00	16.30	16.59	16.51	16.07	22.39	30.00
2462MHz	Pass	2.00	15.62	15.94	15.93	15.61	21.80	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.00	14.83	14.81	14.84	14.74	20.83	30.00
2417MHz	Pass	2.00	16.28	16.41	16.23	16.06	22.27	30.00
2437MHz	Pass	2.00	18.92	19.14	19.03	18.89	25.02	30.00
2457MHz	Pass	2.00	15.41	15.61	15.41	15.21	21.43	30.00
2462MHz	Pass	2.00	14.25	14.42	14.21	14.34	20.33	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.00	12.91	13.10	12.95	12.84	18.97	30.00
2417MHz	Pass	2.00	15.48	15.76	15.61	15.33	21.57	30.00
2437MHz	Pass	2.00	19.15	19.30	19.35	18.94	25.21	30.00
2457MHz	Pass	2.00	15.04	15.27	15.03	14.97	21.10	30.00
2462MHz	Pass	2.00	12.87	13.04	13.12	13.11	19.06	30.00

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



Average Power_Non-Beamforming_Radio 3_Patch Array_1T1S Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	19.82	0.09594
802.11g_Nss1,(6Mbps)_1TX(Port2)	19.24	0.08395
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	19.42	0.08750



Average Power_Non-Beamforming_Radio 3_Patch Array_1T1S Appendix C.8

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	13.00	19.61	19.61	23.00
2437MHz	Pass	13.00	19.82	19.82	23.00
2457MHz	Pass	13.00	17.89	17.89	23.00
2462MHz	Pass	13.00	17.25	17.25	23.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	13.00	16.28	16.28	23.00
2417MHz	Pass	13.00	17.67	17.67	23.00
2437MHz	Pass	13.00	19.24	19.24	23.00
2457MHz	Pass	13.00	17.26	17.26	23.00
2462MHz	Pass	13.00	15.23	15.23	23.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	13.00	14.55	14.55	23.00
2417MHz	Pass	13.00	17.36	17.36	23.00
2437MHz	Pass	13.00	19.42	19.42	23.00
2457MHz	Pass	13.00	16.60	16.60	23.00
2462MHz	Pass	13.00	13.54	13.54	23.00

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



Average Power_Non-Beamforming_Radio 3_Patch Array_2T1S Appendix C.9

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	21.74	0.14928
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	20.50	0.11220
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	20.59	0.11455



Average Power_Non-Beamforming_Radio 3_Patch Array_2T1S Appendix C.9

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	13.00	17.17	17.20	20.20	23.00
2417MHz	Pass	13.00	17.56	17.49	20.54	23.00
2437MHz	Pass	13.00	18.87	18.58	21.74	23.00
2457MHz	Pass	13.00	16.64	16.56	19.61	23.00
2462MHz	Pass	13.00	15.05	15.06	18.07	23.00
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	13.00	13.50	13.46	16.49	23.00
2417MHz	Pass	13.00	16.88	16.85	19.88	23.00
2437MHz	Pass	13.00	17.57	17.40	20.50	23.00
2457MHz	Pass	13.00	15.70	15.52	18.62	23.00
2462MHz	Pass	13.00	13.40	13.56	16.49	23.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	13.00	12.06	12.02	15.05	23.00
2417MHz	Pass	13.00	14.84	14.74	17.80	23.00
2437MHz	Pass	13.00	17.70	17.46	20.59	23.00
2457MHz	Pass	13.00	14.50	14.18	17.35	23.00
2462MHz	Pass	13.00	12.54	12.60	15.58	23.00

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



Average Power_Non-Beamforming_Radio 3_Patch Array_4T1S Appendix C.10

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	17.89	0.06152
802.11g_Nss1,(6Mbps)_4TX	16.64	0.04613
802.11be EHT20_Nss1,(MCS0)_4TX	15.67	0.03690



Average Power_Non-Beamforming_Radio 3_Patch Array_4T1S Appendix C.10

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.00	11.72	12.15	11.46	12.12	17.89	23.00
2437MHz	Pass	13.00	11.41	12.03	11.61	11.94	17.78	23.00
2457MHz	Pass	13.00	10.02	10.43	10.25	9.98	16.19	23.00
2462MHz	Pass	13.00	9.06	9.29	9.38	9.13	15.24	23.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.00	10.30	10.28	10.34	10.39	16.35	23.00
2437MHz	Pass	13.00	10.53	10.66	10.51	10.76	16.64	23.00
2457MHz	Pass	13.00	8.56	8.92	8.65	8.43	14.66	23.00
2462MHz	Pass	13.00	8.36	8.55	8.51	8.52	14.51	23.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.00	8.70	8.84	8.82	8.64	14.77	23.00
2417MHz	Pass	13.00	9.47	9.53	9.68	9.70	15.62	23.00
2437MHz	Pass	13.00	9.57	9.76	9.53	9.74	15.67	23.00
2457MHz	Pass	13.00	9.11	9.41	9.06	8.88	15.14	23.00
2462MHz	Pass	13.00	7.63	7.66	7.81	7.63	13.70	23.00

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	15.37	0.03443
802.11g_Nss1,(6Mbps)_1TX	15.21	0.03319
802.11ax HEW20_Nss1,(MCS0)_1TX	14.93	0.03112



Average Power_Non-Beamforming_ Scan Radio_Omnidirectional

Appendix C.11

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	15.37	15.37	30.00
2437MHz	Pass	2.00	15.28	15.28	30.00
2462MHz	Pass	2.00	14.63	14.63	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	14.57	14.57	30.00
2417MHz	Pass	2.00	15.21	15.21	30.00
2437MHz	Pass	2.00	14.92	14.92	30.00
2457MHz	Pass	2.00	14.30	14.30	30.00
2462MHz	Pass	2.00	11.71	11.71	30.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	14.28	14.28	30.00
2417MHz	Pass	2.00	14.93	14.93	30.00
2437MHz	Pass	2.00	14.66	14.66	30.00
2457MHz	Pass	2.00	12.65	12.65	30.00
2462MHz	Pass	2.00	10.52	10.52	30.00

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



Average Power_Non-Beamforming_Scan Radio_Patch Array Appendix C.12

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	15.37	0.03443
802.11g_Nss1,(6Mbps)_1TX	14.92	0.03105
802.11ax HEW20_Nss1,(MCS0)_1TX	14.66	0.02924



Average Power_Non-Beamforming_Scan Radio_Patch Array Appendix C.12

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	13.00	15.37	15.37	23.00
2437MHz	Pass	13.00	15.28	15.28	23.00
2457MHz	Pass	13.00	13.07	13.07	23.00
2462MHz	Pass	13.00	13.47	13.47	23.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	13.00	11.69	11.69	23.00
2417MHz	Pass	13.00	14.48	14.48	23.00
2437MHz	Pass	13.00	14.92	14.92	23.00
2457MHz	Pass	13.00	11.84	11.84	23.00
2462MHz	Pass	13.00	8.30	8.30	23.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	13.00	10.16	10.16	23.00
2417MHz	Pass	13.00	12.94	12.94	23.00
2437MHz	Pass	13.00	14.66	14.66	23.00
2457MHz	Pass	13.00	9.99	9.99	23.00
2462MHz	Pass	13.00	7.09	7.09	23.00

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	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.32	0.17061

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	19.10	19.23	22.18	30.00
2437MHz	Pass	5.01	19.35	19.26	22.32	30.00
2457MHz	Pass	5.01	17.83	17.66	20.76	30.00
2462MHz	Pass	5.01	18.05	17.95	21.01	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	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	19.29	0.08492

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	16.01	16.26	16.30	19.29	19.99
2417MHz	Pass	16.01	16.22	16.13	19.19	19.99
2437MHz	Pass	16.01	16.14	16.03	19.10	19.99
2457MHz	Pass	16.01	15.91	15.96	18.95	19.99
2462MHz	Pass	16.01	12.95	12.88	15.93	19.99

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	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	25.21	0.33189

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.02	12.91	13.10	12.95	12.84	18.97	27.98
2417MHz	Pass	8.02	15.48	15.76	15.61	15.33	21.57	27.98
2437MHz	Pass	8.02	19.15	19.30	19.35	18.94	25.21	27.98
2457MHz	Pass	8.02	15.04	15.27	15.03	14.97	21.10	27.98
2462MHz	Pass	8.02	12.87	13.04	13.12	13.11	19.06	27.98

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	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	15.67	0.03690

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	19.02	8.70	8.84	8.82	8.64	14.77	16.98
2417MHz	Pass	19.02	9.47	9.53	9.68	9.70	15.62	16.98
2437MHz	Pass	19.02	9.57	9.76	9.53	9.74	15.67	16.98
2457MHz	Pass	19.02	9.11	9.41	9.06	8.88	15.14	16.98
2462MHz	Pass	19.02	7.63	7.66	7.81	7.63	13.70	16.98

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(Port1)	-7.82
802.11g_Nss1,(6Mbps)_1TX(Port1)	-6.29
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-3.68

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	2.00	-8.37	-8.37	8.00
2437MHz	Pass	2.00	-7.82	-7.82	8.00
2462MHz	Pass	2.00	-8.62	-8.62	8.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	2.00	-7.71	-7.71	8.00
2437MHz	Pass	2.00	-6.29	-6.29	8.00
2462MHz	Pass	2.00	-8.10	-8.10	8.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	2.00	-6.43	-6.43	8.00
2437MHz	Pass	2.00	-3.68	-3.68	8.00
2462MHz	Pass	2.00	-6.28	-6.28	8.00

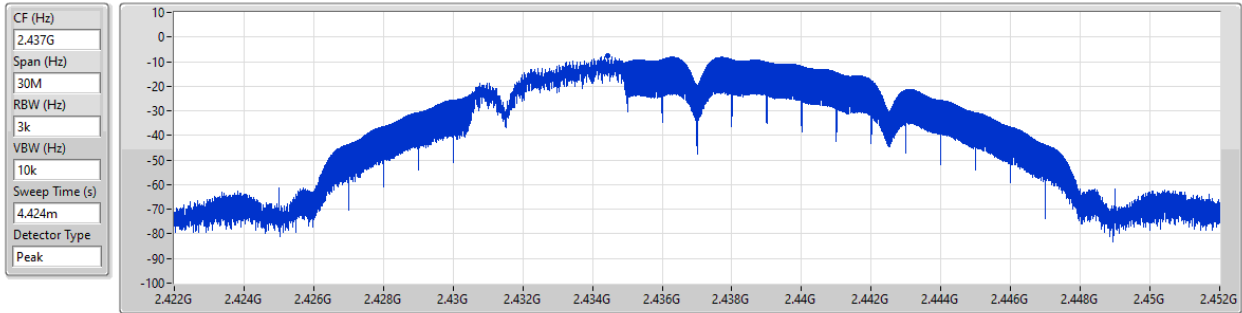
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2437MHz

09/06/2025



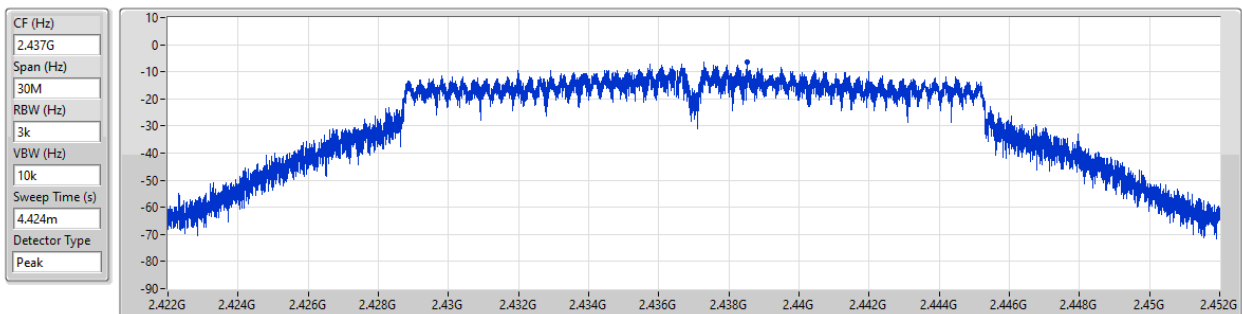
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.82	-7.82	-7.82

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2437MHz

09/06/2025



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.29	-6.29	-6.29

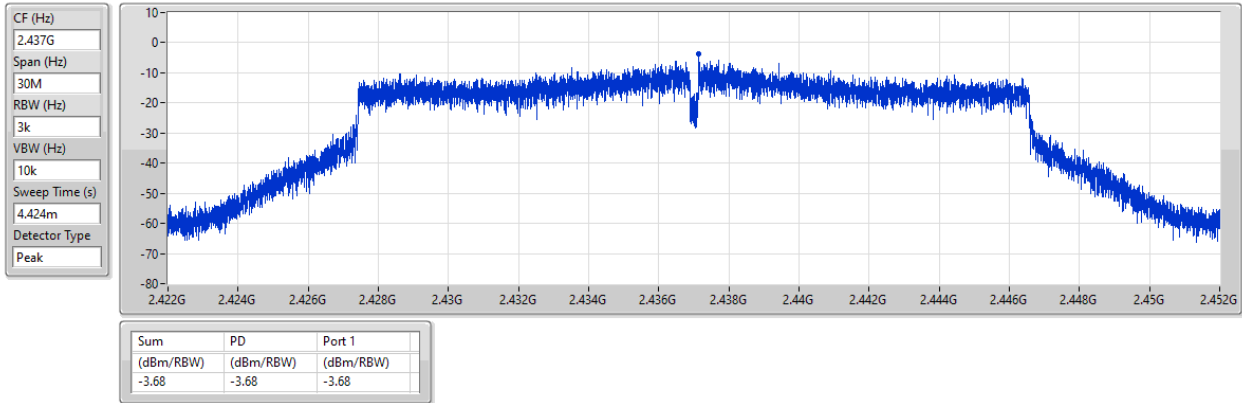


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

PSD

2437MHz

09/06/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-3.85
802.11g_Nss1,(6Mbps)_2TX	-3.64
802.11be EHT20_Nss1,(MCS0)_2TX	-2.85

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-5.58	-8.09	-3.85	8.00
2437MHz	Pass	5.01	-8.03	-8.37	-5.20	8.00
2462MHz	Pass	5.01	-6.78	-8.51	-4.78	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-8.16	-7.71	-5.25	8.00
2437MHz	Pass	5.01	-5.52	-5.60	-3.64	8.00
2462MHz	Pass	5.01	-8.60	-6.54	-4.92	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-4.85	-4.21	-3.46	8.00
2437MHz	Pass	5.01	-4.44	-3.76	-2.85	8.00
2462MHz	Pass	5.01	-6.48	-6.98	-5.16	8.00

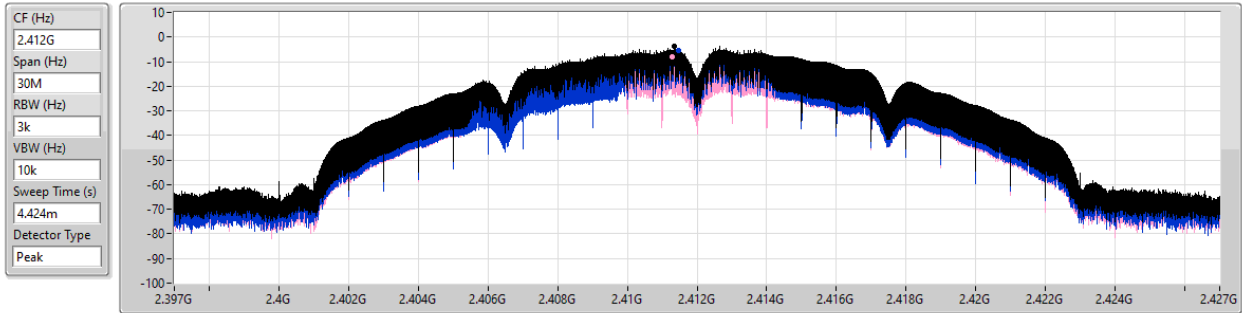
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2412MHz

09/06/2025



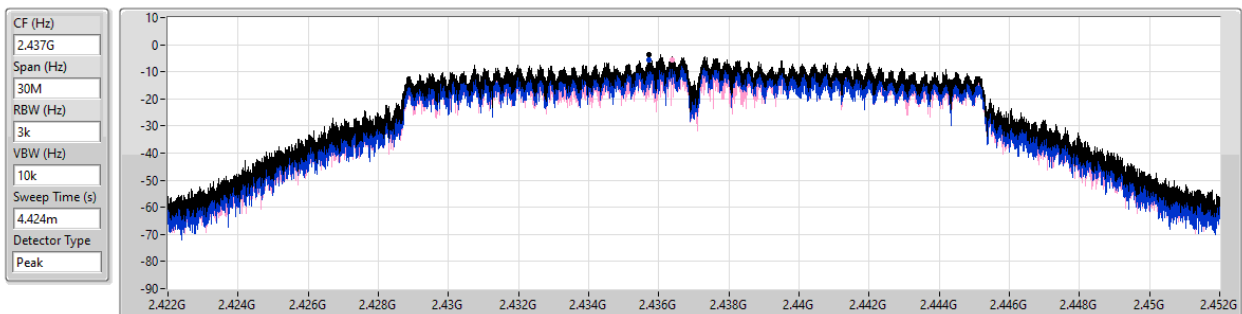
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.85	-3.85	-5.58	-8.09

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

PSD

2437MHz

09/06/2025



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.64	-3.64	-5.52	-5.60



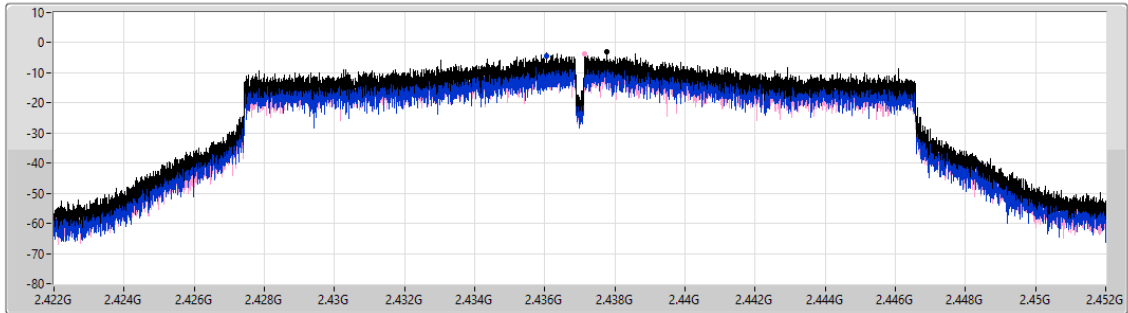
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

09/06/2025

CF (Hz)
2.437G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
4.424m
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.85	-2.85	-4.44	-3.76



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	-7.82
802.11g_Nss1,(6Mbps)_1TX(Port1)	-6.29
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-3.68

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	13.00	-8.37	-8.37	1.00
2437MHz	Pass	13.00	-7.82	-7.82	1.00
2462MHz	Pass	13.00	-8.62	-8.62	1.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	13.00	-8.02	-8.02	1.00
2437MHz	Pass	13.00	-6.29	-6.29	1.00
2462MHz	Pass	13.00	-9.50	-9.50	1.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	13.00	-6.23	-6.23	1.00
2437MHz	Pass	13.00	-3.68	-3.68	1.00
2462MHz	Pass	13.00	-8.11	-8.11	1.00

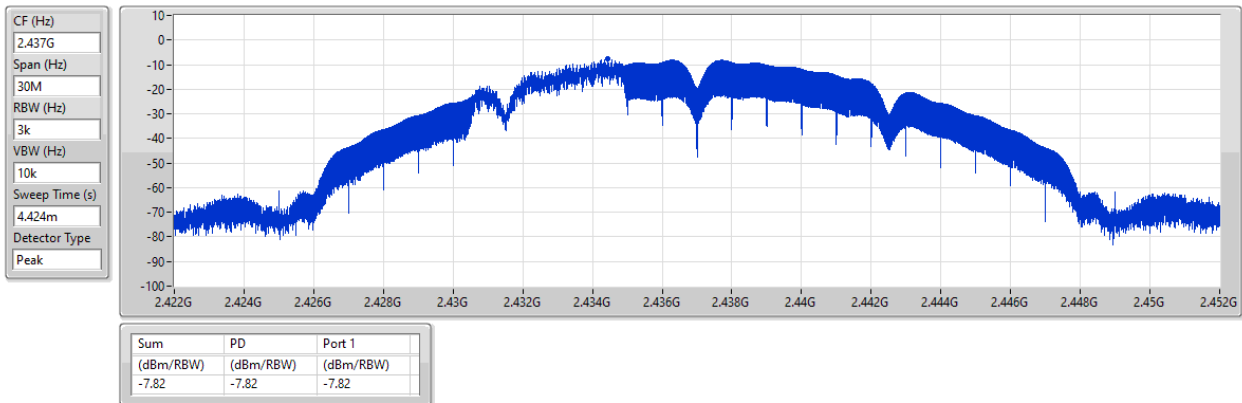
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2437MHz

09/06/2025

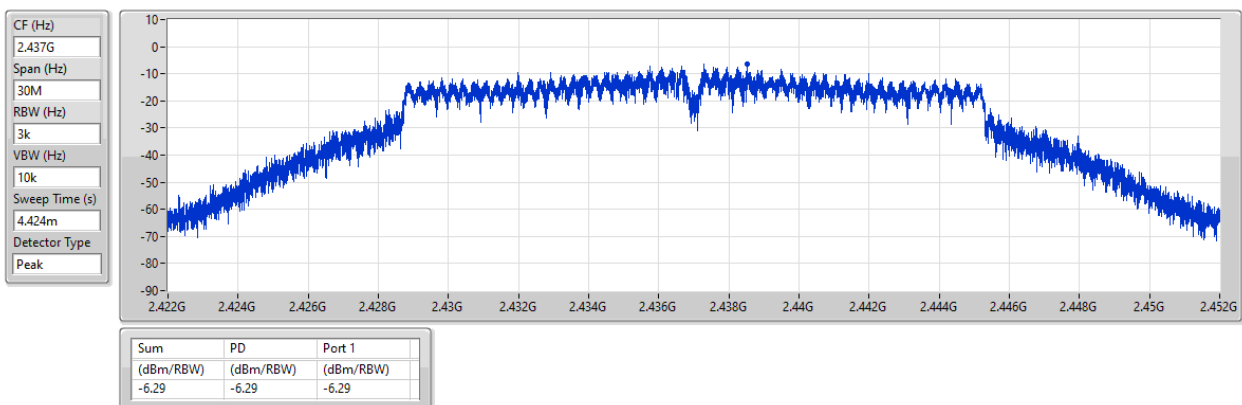


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2437MHz

09/06/2025



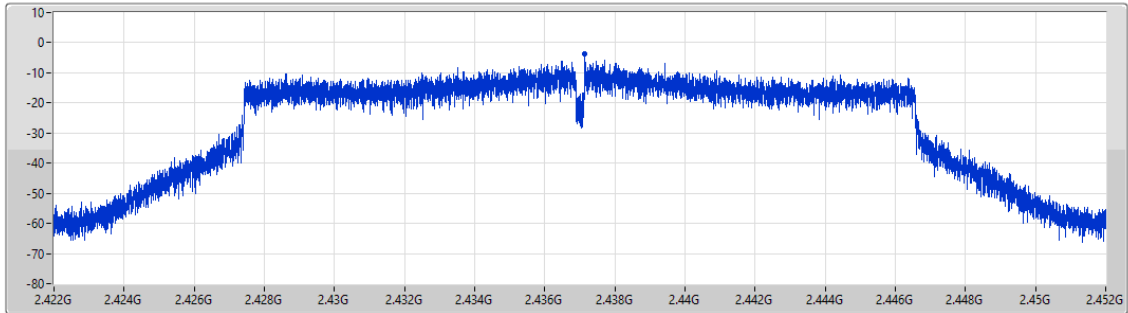
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

PSD

2437MHz

09/06/2025

CF (Hz)
2.437G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
4.424m
Detector Type
Peak



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.68	-3.68	-3.68



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-3.85
802.11g_Nss1,(6Mbps)_2TX	-3.64
802.11be EHT20_Nss1,(MCS0)_2TX	-4.21

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	16.01	-5.58	-8.09	-3.85	-2.01
2437MHz	Pass	16.01	-8.03	-8.37	-5.20	-2.01
2462MHz	Pass	16.01	-6.86	-9.03	-5.03	-2.01
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	16.01	-10.05	-7.53	-7.11	-2.01
2437MHz	Pass	16.01	-5.52	-5.60	-3.64	-2.01
2462MHz	Pass	16.01	-11.86	-9.83	-8.51	-2.01
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	16.01	-9.53	-7.43	-5.99	-2.01
2437MHz	Pass	16.01	-6.14	-6.09	-4.21	-2.01
2462MHz	Pass	16.01	-11.27	-12.44	-10.67	-2.01

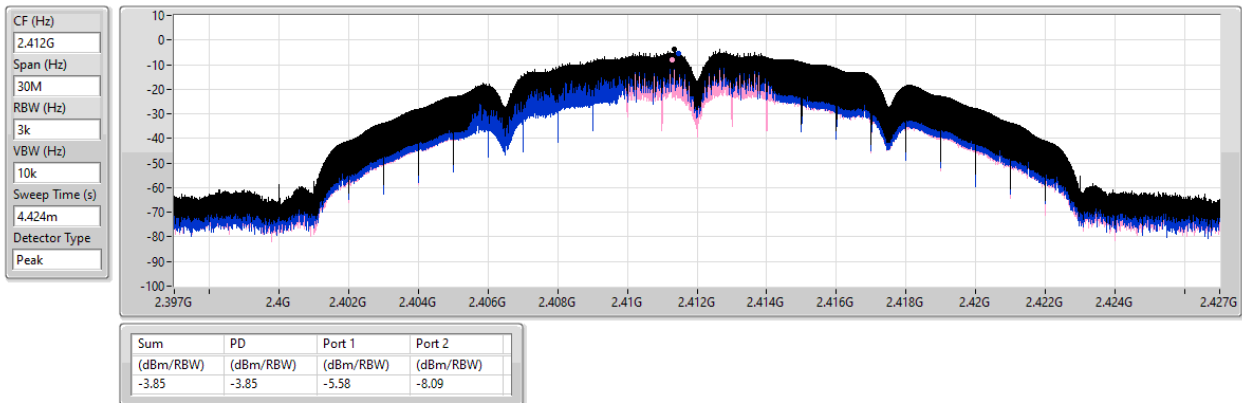
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2412MHz

09/06/2025

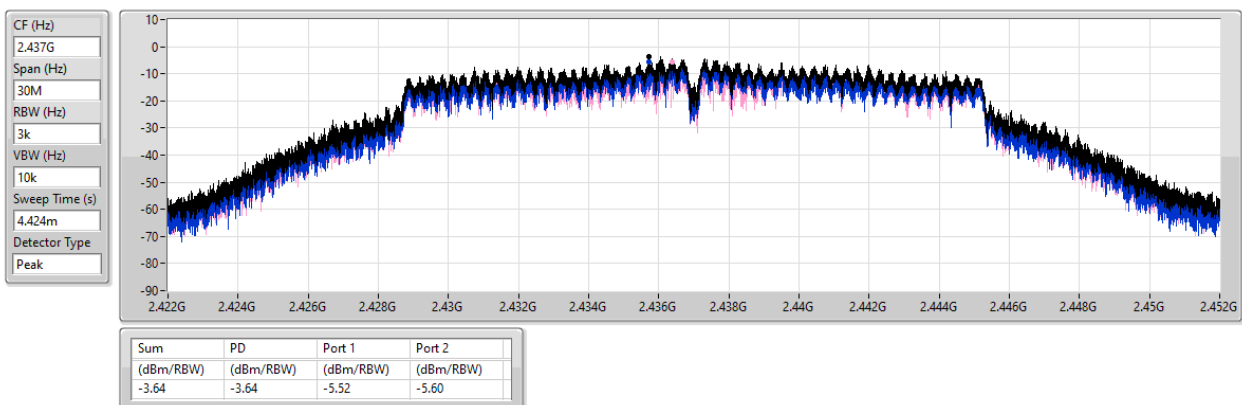


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

09/06/2025



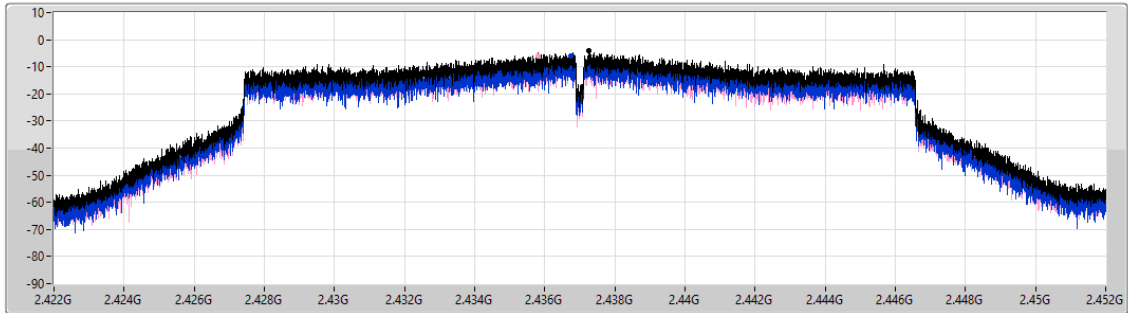
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

09/06/2025

CF (Hz)
2.437G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
4.424m
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.21	-4.21	-6.14	-6.09



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	-7.49
802.11g_Nss1,(6Mbps)_1TX(Port2)	-7.55
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-7.63

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	2.00	-7.49	-7.49	8.00
2437MHz	Pass	2.00	-7.76	-7.76	8.00
2462MHz	Pass	2.00	-10.70	-10.70	8.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	2.00	-7.55	-7.55	8.00
2437MHz	Pass	2.00	-7.67	-7.67	8.00
2462MHz	Pass	2.00	-8.41	-8.41	8.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	2.00	-7.84	-7.84	8.00
2437MHz	Pass	2.00	-7.63	-7.63	8.00
2462MHz	Pass	2.00	-8.57	-8.57	8.00

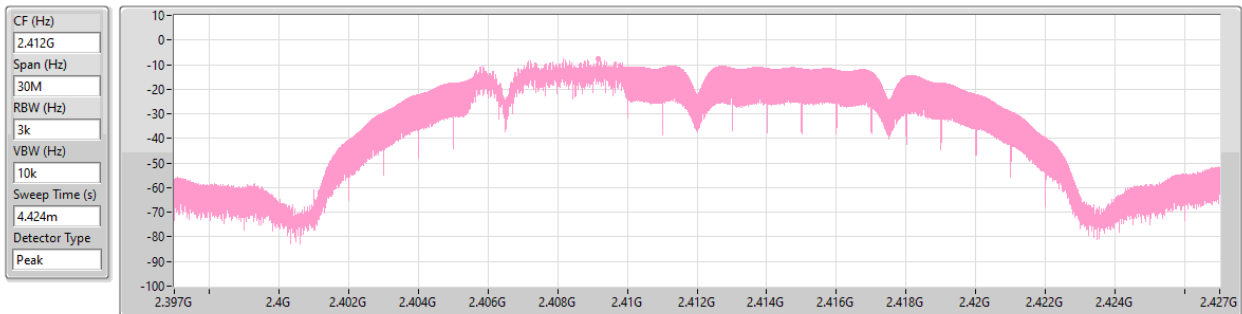
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2412MHz

10/06/2025



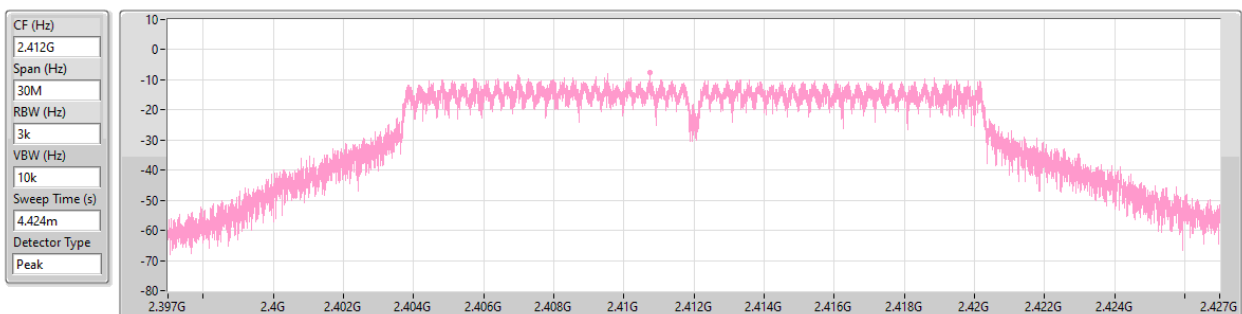
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.49	-7.49	-	-7.49

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2412MHz

10/06/2025



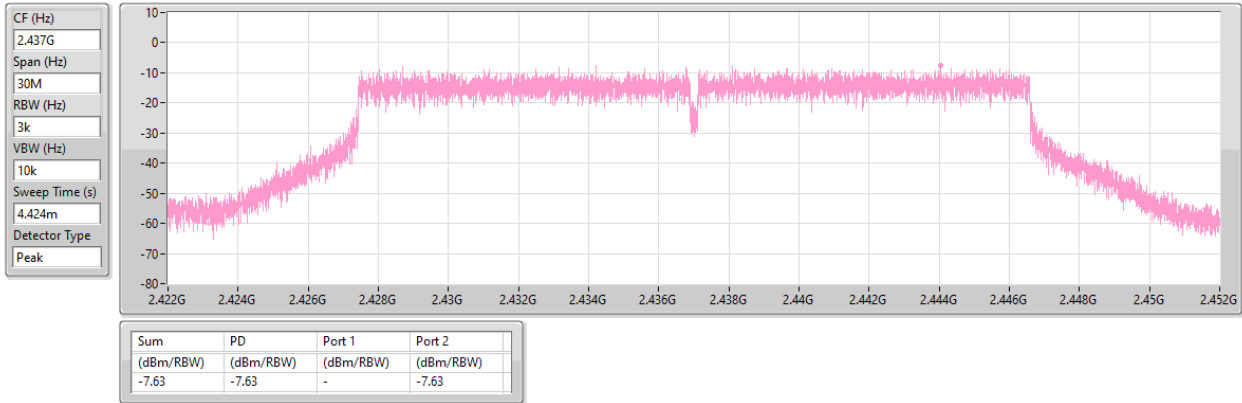
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.55	-7.55	-	-7.55

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

PSD

2437MHz

10/06/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-4.48
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-4.96
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-3.63

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	5.01	-6.83	-6.63	-4.48	8.00
2437MHz	Pass	5.01	-6.21	-6.63	-4.53	8.00
2462MHz	Pass	5.01	-7.37	-7.23	-5.81	8.00
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	5.01	-8.19	-8.22	-6.16	8.00
2437MHz	Pass	5.01	-6.67	-6.95	-4.96	8.00
2462MHz	Pass	5.01	-8.88	-9.06	-6.77	8.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	5.01	-10.13	-10.02	-7.75	8.00
2437MHz	Pass	5.01	-5.51	-5.20	-3.63	8.00
2462MHz	Pass	5.01	-8.44	-9.10	-6.69	8.00

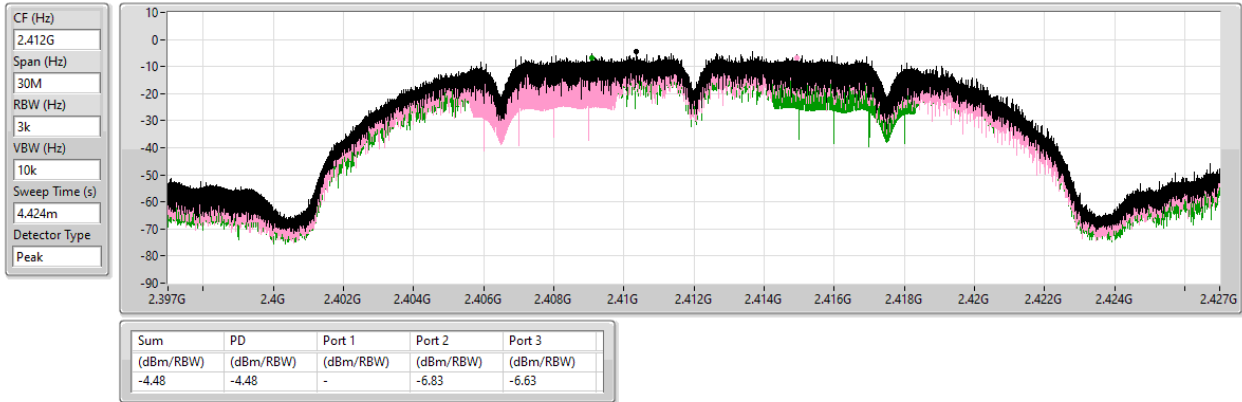
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)

PSD

2412MHz

10/06/2025

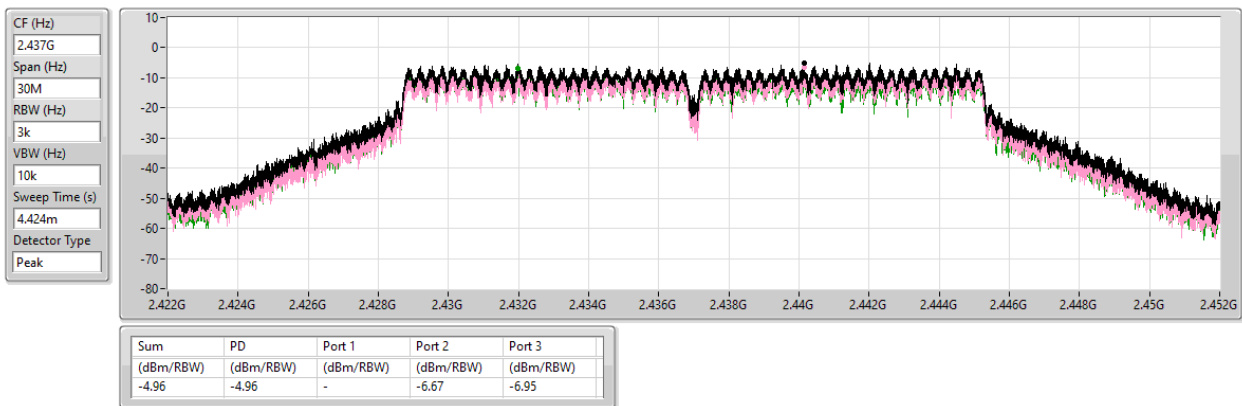


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)

PSD

2437MHz

10/06/2025

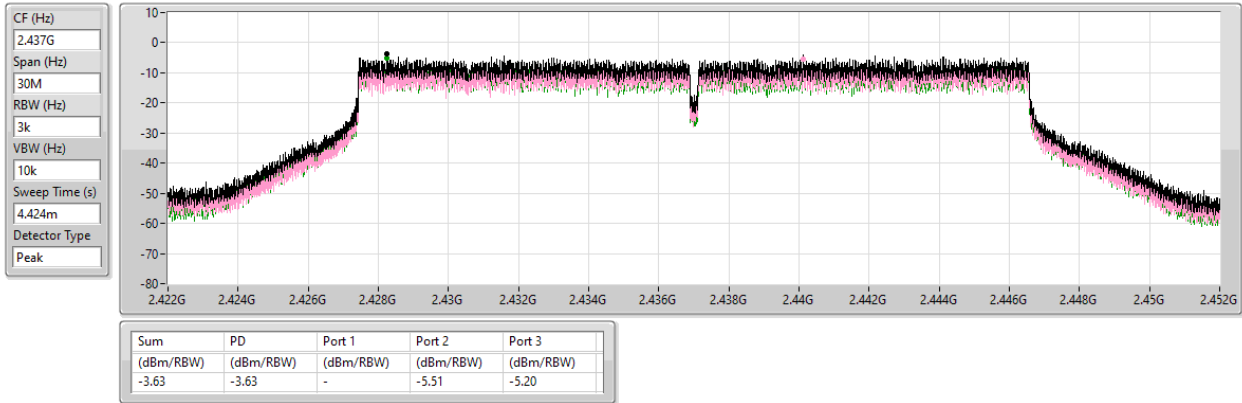


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

2437MHz

10/06/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-3.46
802.11g_Nss1,(6Mbps)_4TX	-2.74
802.11be EHT20_Nss1,(MCS0)_4TX	-2.05

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.02	-9.70	-9.27	-9.46	-10.00	-5.37	5.98
2437MHz	Pass	8.02	-8.55	-7.92	-8.22	-7.34	-3.46	5.98
2462MHz	Pass	8.02	-13.44	-11.60	-11.88	-12.80	-7.66	5.98
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.02	-11.80	-11.80	-11.73	-12.32	-7.73	5.98
2437MHz	Pass	8.02	-7.09	-6.23	-7.09	-8.08	-2.74	5.98
2462MHz	Pass	8.02	-11.60	-12.24	-11.78	-10.85	-7.88	5.98
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.02	-12.66	-12.42	-12.33	-12.10	-8.38	5.98
2437MHz	Pass	8.02	-6.77	-6.15	-6.19	-7.28	-2.05	5.98
2462MHz	Pass	8.02	-13.24	-13.56	-12.33	-11.89	-8.48	5.98

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)_4TX

PSD

2437MHz

10/06/2025

CF (Hz)
2.437G

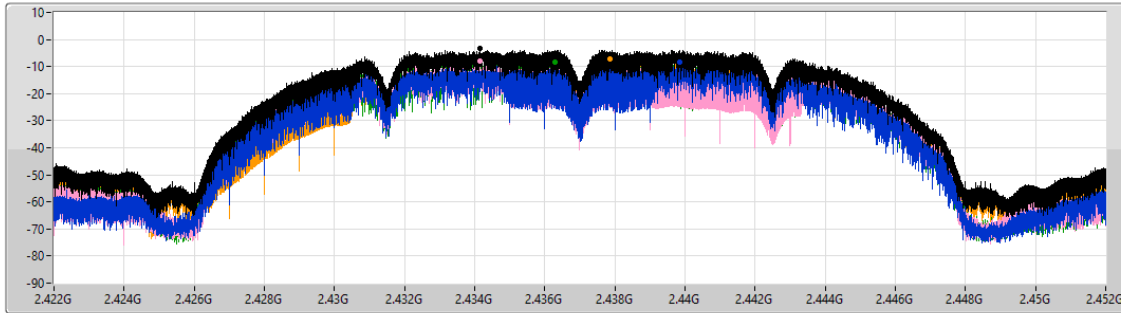
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.46	-3.46	-8.55	-7.92	-8.22	-7.34

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

10/06/2025

CF (Hz)
2.437G

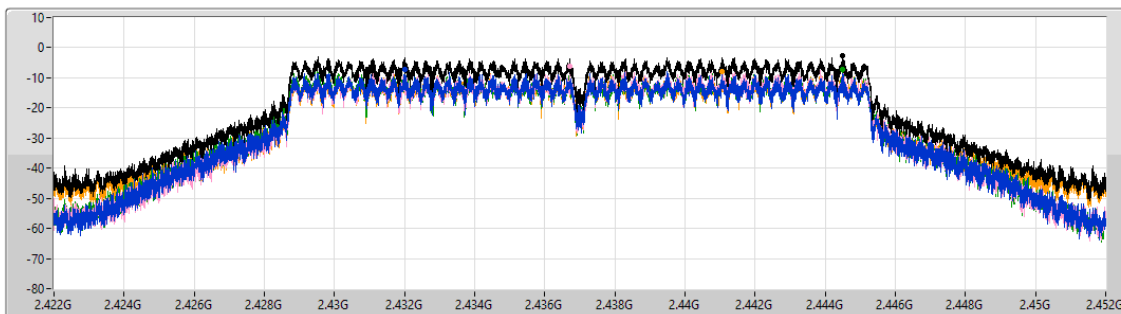
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.74	-2.74	-7.09	-6.23	-7.09	-8.08

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

10/06/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	-7.49
802.11g_Nss1,(6Mbps)_1TX(Port2)	-7.67
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-7.63

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	13.00	-7.49	-7.49	1.00
2437MHz	Pass	13.00	-7.76	-7.76	1.00
2462MHz	Pass	13.00	-9.38	-9.38	1.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	13.00	-9.73	-9.73	1.00
2437MHz	Pass	13.00	-7.67	-7.67	1.00
2462MHz	Pass	13.00	-9.90	-9.90	1.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-
2412MHz	Pass	13.00	-11.44	-11.44	1.00
2437MHz	Pass	13.00	-7.63	-7.63	1.00
2462MHz	Pass	13.00	-13.11	-13.11	1.00

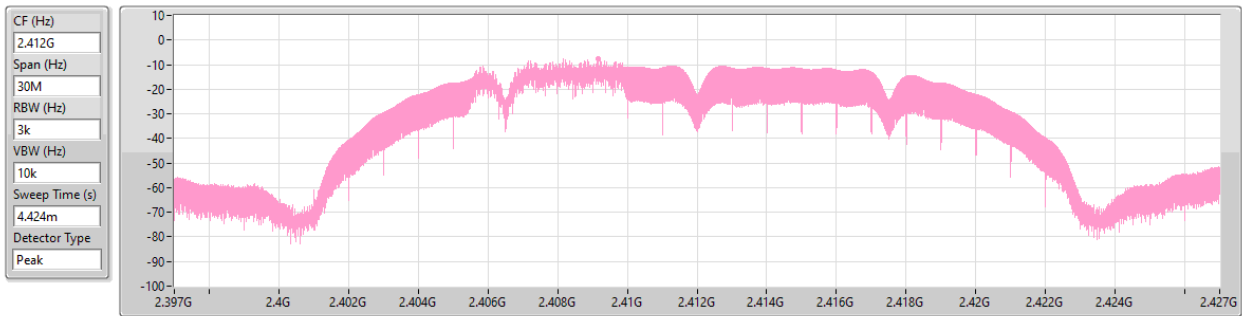
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2412MHz

10/06/2025



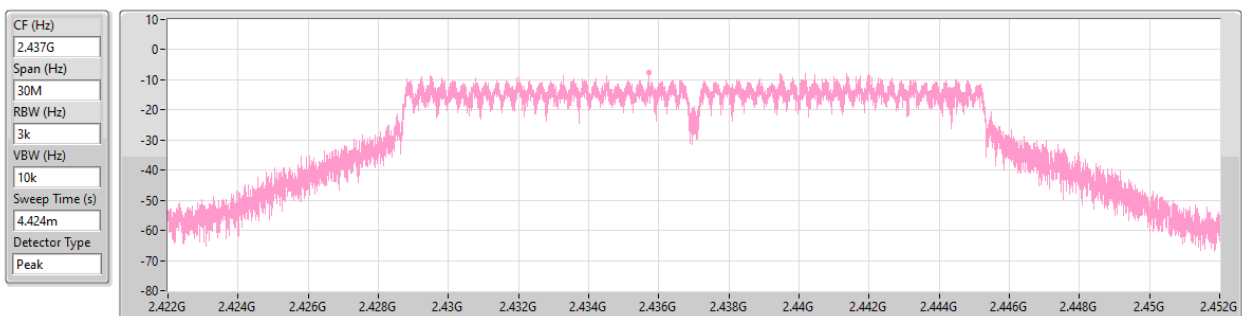
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.49	-7.49	-	-7.49

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2437MHz

10/06/2025



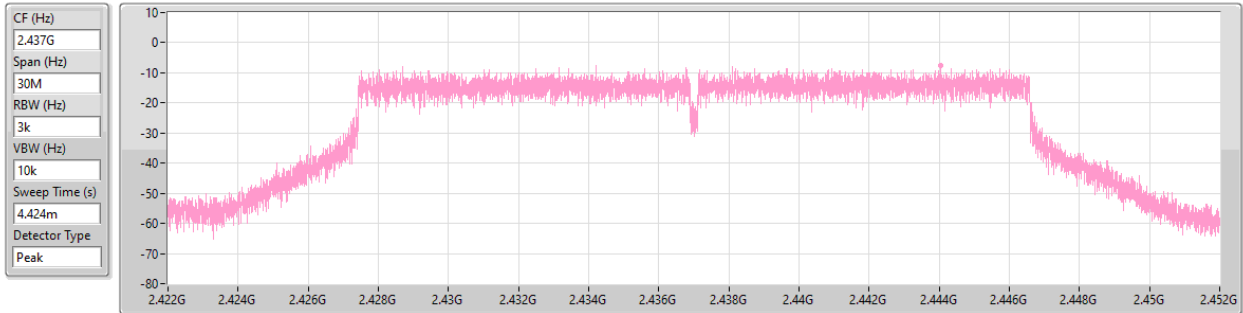
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.67	-7.67	-	-7.67

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

PSD

2437MHz

10/06/2025



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.63	-7.63	-	-7.63



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-5.48
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-6.98
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-5.89

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	16.01	-9.21	-9.38	-7.48	-2.01
2437MHz	Pass	16.01	-8.42	-7.59	-5.48	-2.01
2462MHz	Pass	16.01	-12.27	-12.27	-9.55	-2.01
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	16.01	-13.69	-12.93	-11.77	-2.01
2437MHz	Pass	16.01	-8.68	-9.03	-6.98	-2.01
2462MHz	Pass	16.01	-12.47	-13.15	-11.15	-2.01
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
2412MHz	Pass	16.01	-14.17	-14.56	-12.26	-2.01
2437MHz	Pass	16.01	-7.91	-7.46	-5.89	-2.01
2462MHz	Pass	16.01	-13.19	-13.08	-10.12	-2.01

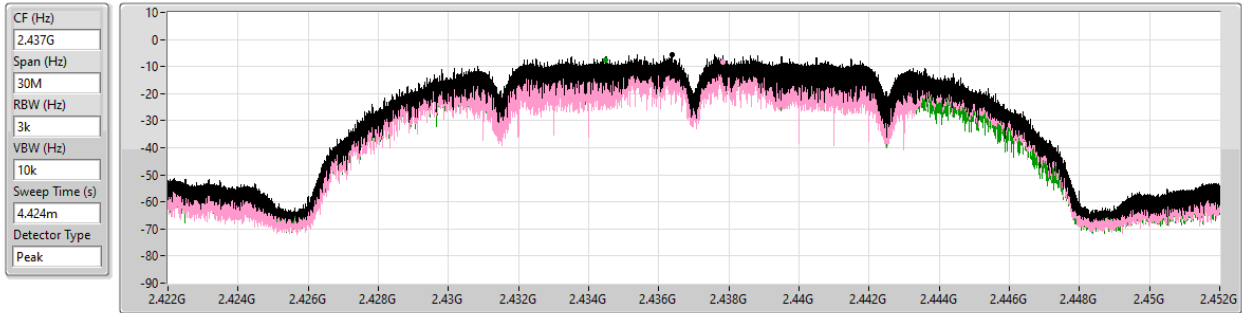
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)

PSD

2437MHz

11/06/2025



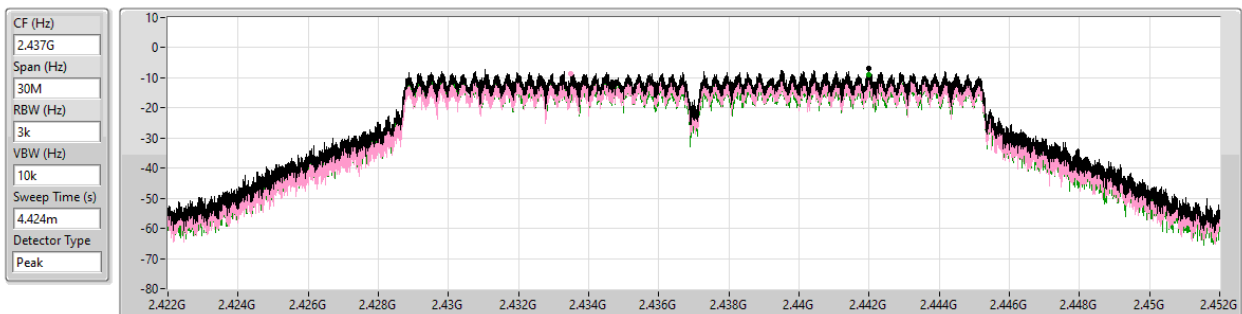
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.48	-5.48	-	-8.42	-7.59

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)

PSD

2437MHz

11/06/2025



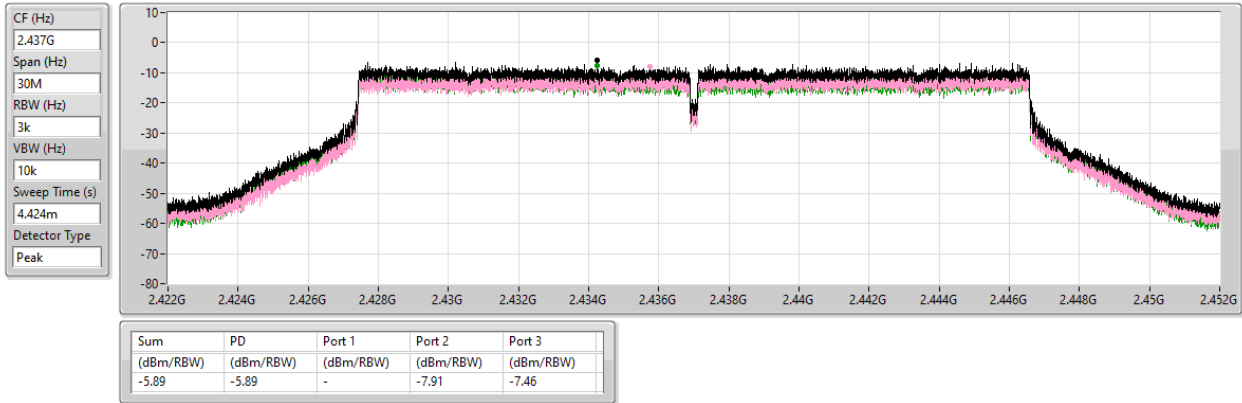
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.98	-6.98	-	-8.68	-9.03

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

2437MHz

11/06/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-9.46
802.11g_Nss1,(6Mbps)_4TX	-12.04
802.11be EHT20_Nss1,(MCS0)_4TX	-11.78

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	19.02	-14.48	-14.77	-14.94	-15.78	-9.46	-5.02
2437MHz	Pass	19.02	-16.69	-15.70	-15.89	-15.76	-10.82	-5.02
2462MHz	Pass	19.02	-18.44	-18.35	-18.69	-18.92	-13.57	-5.02
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	19.02	-16.93	-17.08	-17.09	-16.46	-12.04	-5.02
2437MHz	Pass	19.02	-16.75	-16.46	-16.72	-16.95	-13.00	-5.02
2462MHz	Pass	19.02	-18.70	-17.24	-17.70	-18.07	-13.42	-5.02
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	19.02	-17.66	-18.47	-17.36	-17.61	-14.64	-5.02
2437MHz	Pass	19.02	-15.48	-16.20	-15.79	-16.07	-11.78	-5.02
2462MHz	Pass	19.02	-18.42	-18.91	-18.09	-19.06	-14.51	-5.02

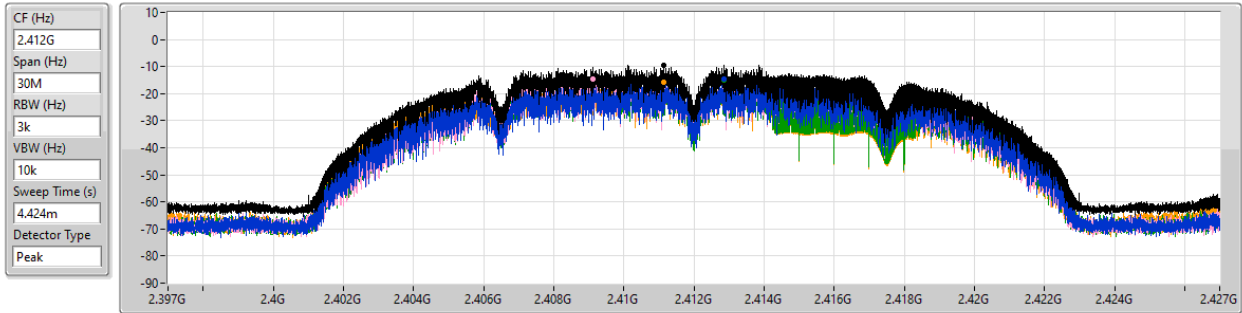
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

10/06/2025



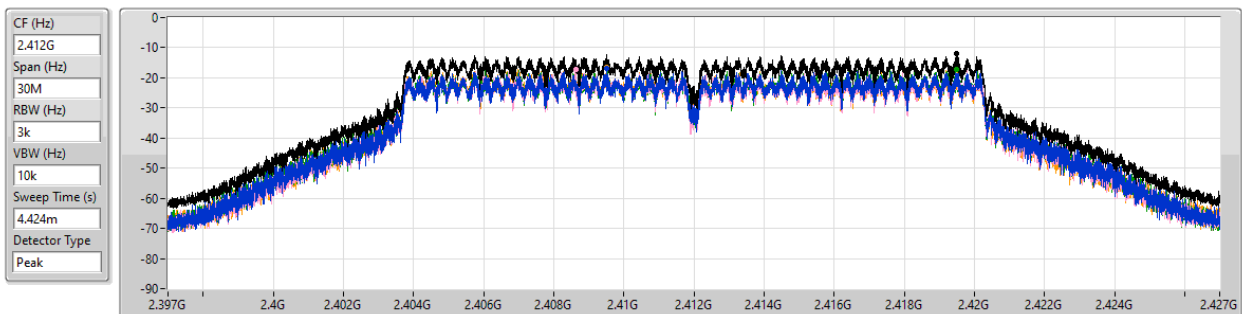
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.46	-9.46	-14.48	-14.77	-14.94	-15.78

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

10/06/2025



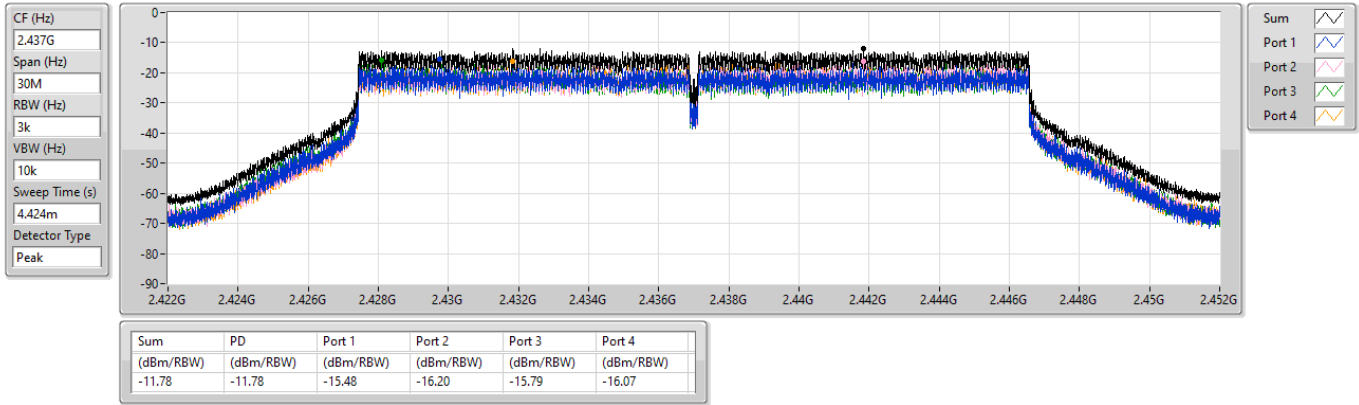
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.04	-12.04	-16.93	-17.08	-17.09	-16.46

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

10/06/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-10.46
802.11g_Nss1,(6Mbps)_1TX	-10.21
802.11ax HEW20_Nss1,(MCS0)_1TX	-10.61

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	-10.46	-10.46	8.00
2437MHz	Pass	2.00	-10.50	-10.50	8.00
2462MHz	Pass	2.00	-10.49	-10.49	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	-11.46	-11.46	8.00
2437MHz	Pass	2.00	-10.21	-10.21	8.00
2462MHz	Pass	2.00	-14.65	-14.65	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	-10.85	-10.85	8.00
2437MHz	Pass	2.00	-10.61	-10.61	8.00
2462MHz	Pass	2.00	-15.09	-15.09	8.00

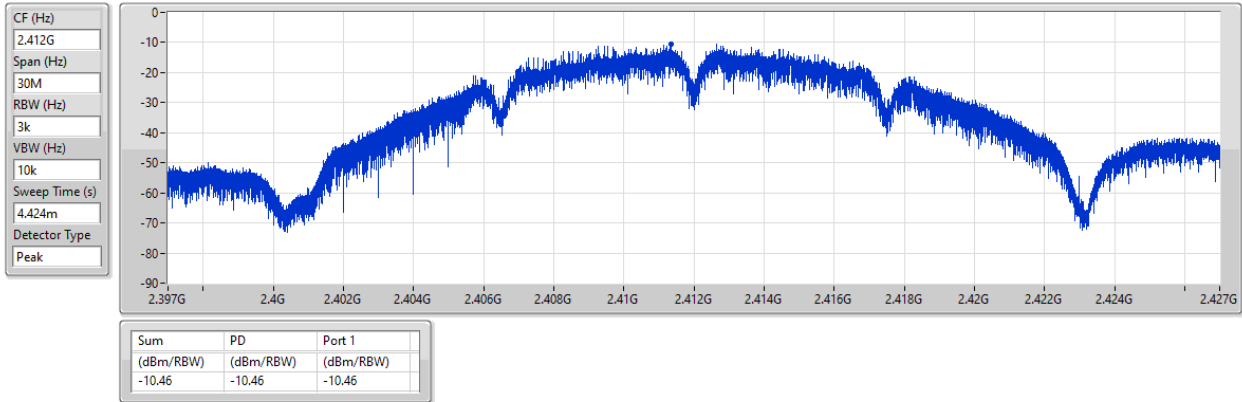
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2412MHz

11/06/2025

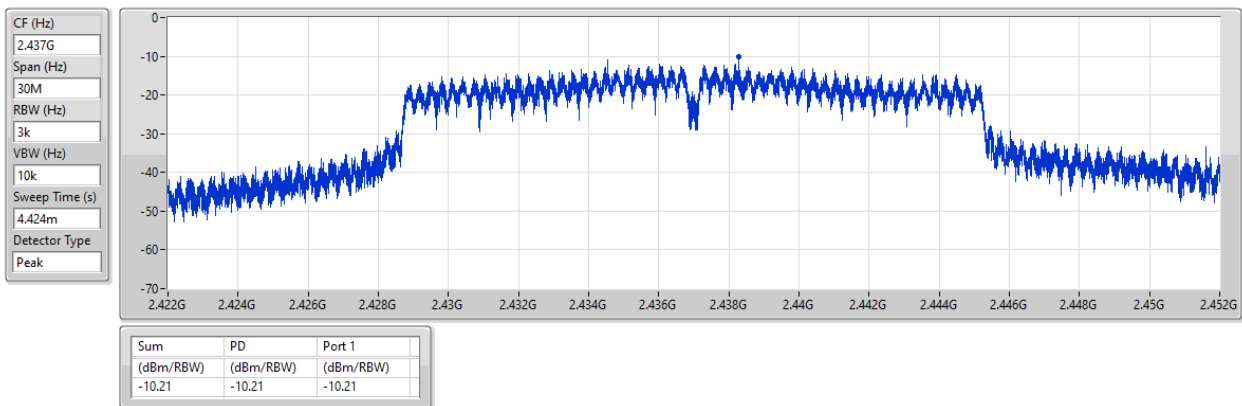


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

11/06/2025

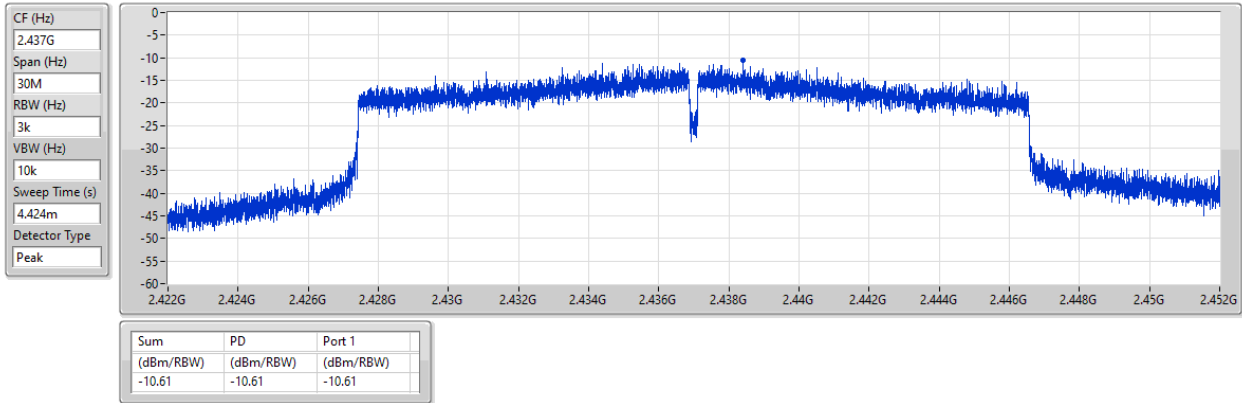


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2437MHz

11/06/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-10.46
802.11g_Nss1,(6Mbps)_1TX	-10.21
802.11ax HEW20_Nss1,(MCS0)_1TX	-10.61

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	13.00	-10.46	-10.46	1.00
2437MHz	Pass	13.00	-10.50	-10.50	1.00
2462MHz	Pass	13.00	-11.03	-11.03	1.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	13.00	-14.74	-14.74	1.00
2437MHz	Pass	13.00	-10.21	-10.21	1.00
2462MHz	Pass	13.00	-16.47	-16.47	1.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	13.00	-15.11	-15.11	1.00
2437MHz	Pass	13.00	-10.61	-10.61	1.00
2462MHz	Pass	13.00	-18.10	-18.10	1.00

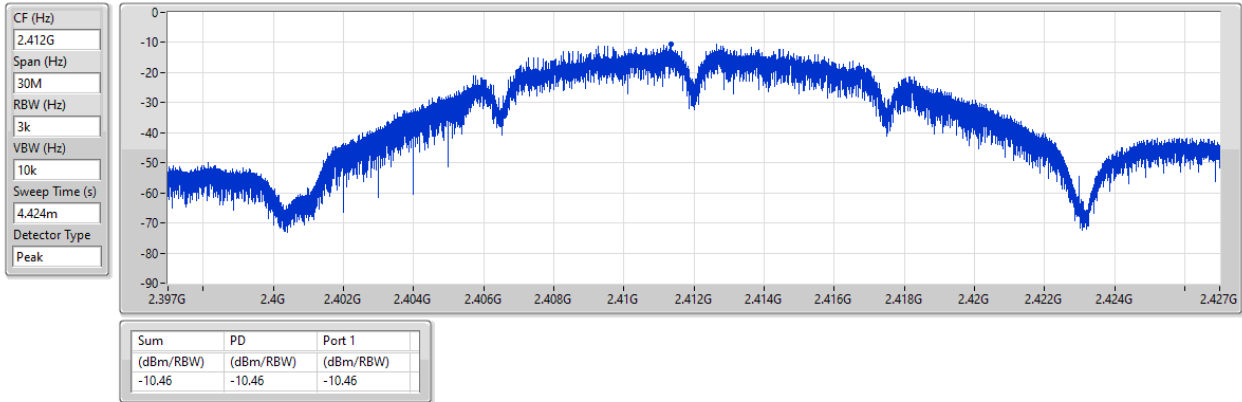
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2412MHz

11/06/2025

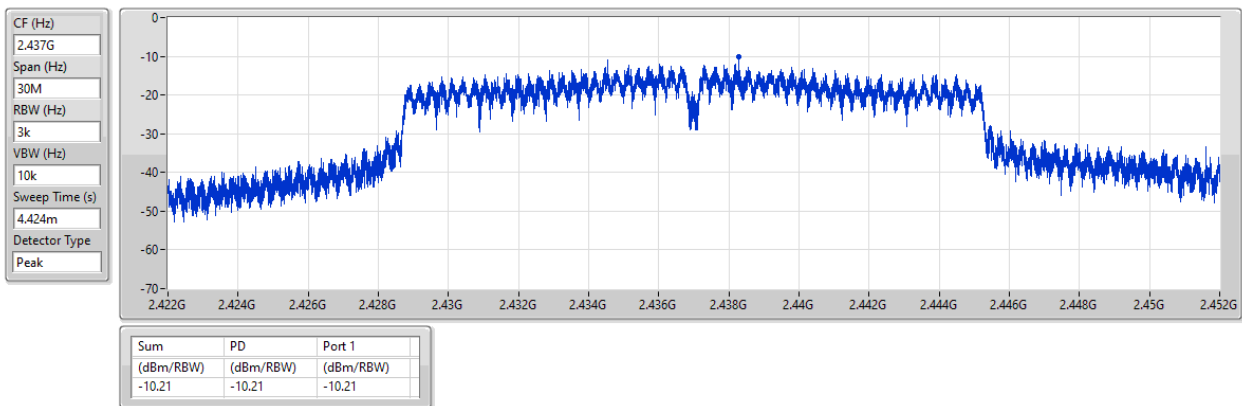


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

11/06/2025

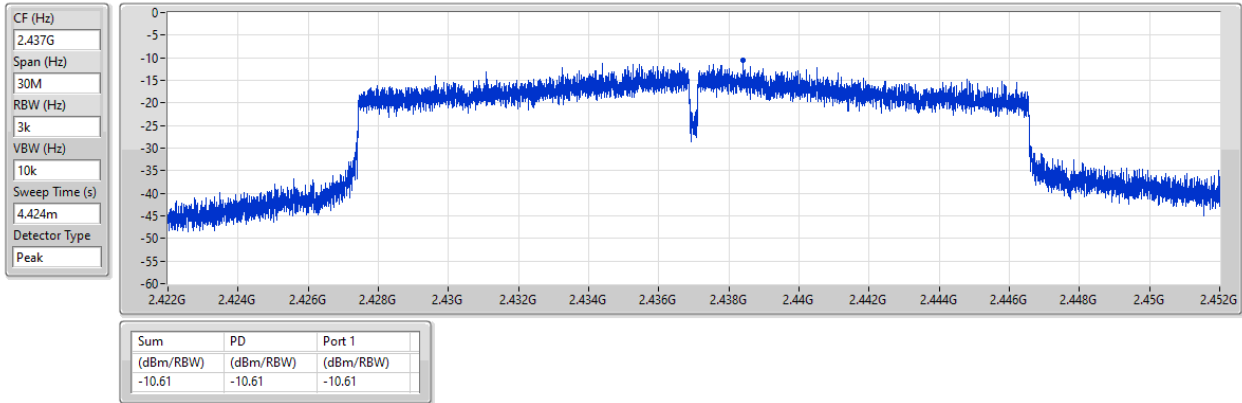


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2437MHz

11/06/2025





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(Port1)	Pass	2.43641G	10.18	-19.82	2.11885G	-56.27	2.4G	-45.07	2.4G	-44.30	2.50358G	-54.91	17.64457G	-42.99	1
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	2.43574G	9.96	-20.04	1.98021G	-56.06	2.4G	-26.95	2.4G	-24.83	2.50454G	-54.27	16.31564G	-42.62	1
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	Pass	2.43824G	9.90	-20.10	1.95924G	-56.43	2.39992G	-24.86	2.4G	-23.37	2.50126G	-54.34	16.24259G	-42.56	1



**CSE (NdB Down)_ Non-Beamforming_
Radio 1_Omnidirectional_1T1S**

Appendix E.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(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	10.18	-19.82	2.11885G	-56.27	2.4G	-45.07	2.4G	-44.30	2.50358G	-54.91	17.64457G	-42.99	1
2437MHz	Pass	2.43641G	10.18	-19.82	838.51M	-56.03	2.39072G	-54.44	2.4G	-55.44	2.51902G	-54.02	16.29036G	-42.84	1
2462MHz	Pass	2.43641G	10.18	-19.82	2.30641G	-56.49	2.39248G	-54.20	2.4G	-55.11	2.50926G	-53.72	24.57014G	-42.13	1
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	9.96	-20.04	1.98021G	-56.06	2.4G	-26.95	2.4G	-24.83	2.50454G	-54.27	16.31564G	-42.62	1
2437MHz	Pass	2.43574G	9.96	-20.04	2.18991G	-55.75	2.39664G	-53.18	2.4G	-54.53	2.52014G	-54.13	16.58255G	-43.11	1
2462MHz	Pass	2.43574G	9.96	-20.04	770.94M	-56.38	2.39096G	-53.69	2.4G	-54.70	2.50854G	-54.17	16.66684G	-42.86	1
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	9.90	-20.10	1.95924G	-56.43	2.39992G	-24.86	2.4G	-23.37	2.50126G	-54.34	16.24259G	-42.56	1
2437MHz	Pass	2.43824G	9.90	-20.10	1.78799G	-56.32	2.39992G	-50.03	2.4G	-51.34	2.50734G	-54.17	15.20306G	-43.27	1
2462MHz	Pass	2.43824G	9.90	-20.10	1.96157G	-55.49	2.3988G	-53.00	2.4G	-53.38	2.51982G	-53.97	21.72124G	-42.38	1

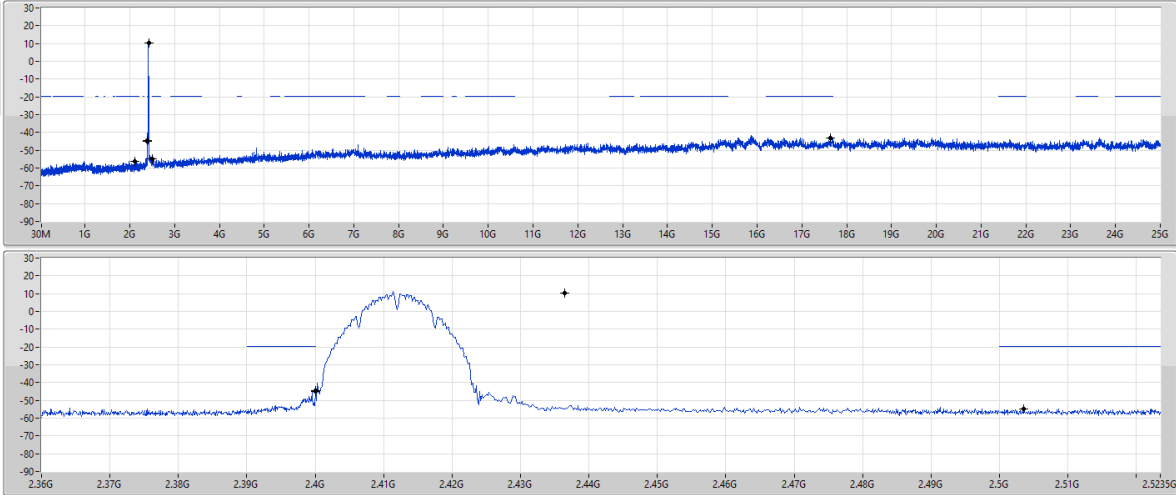
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

CSEndB

2412MHz

09/06/2025

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
2.43641G	10.18	-19.82	2.11885G	-56.27	2.4G	-45.07	2.4G	-44.30	2.50358G	-54.91	17.64457G	-42.99	1

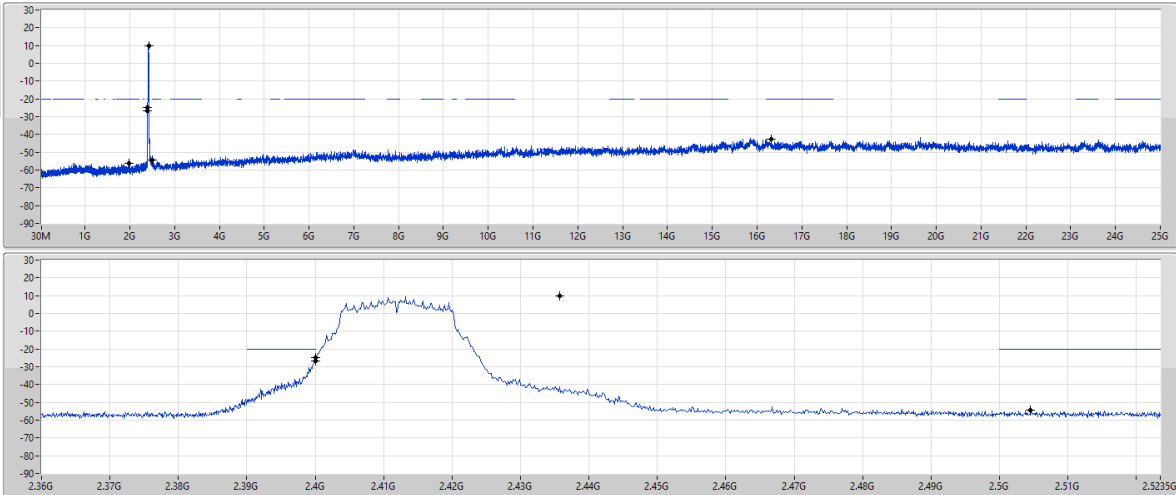
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

CSEndB

2412MHz

09/06/2025

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
2.43574G	9.96	-20.04	1.98021G	-56.06	2.4G	-26.95	2.4G	-24.83	2.50454G	-54.27	16.31564G	-42.62	1



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

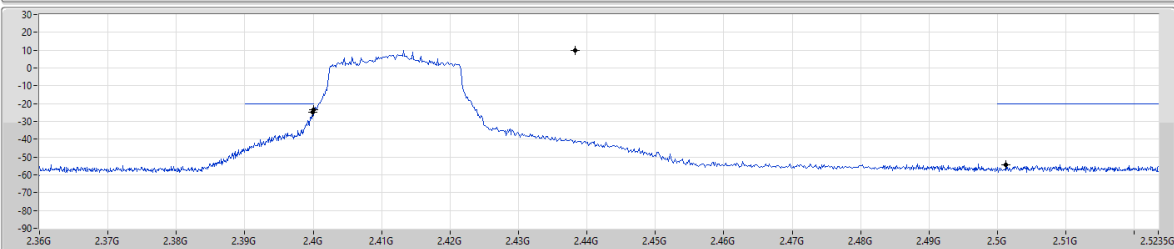
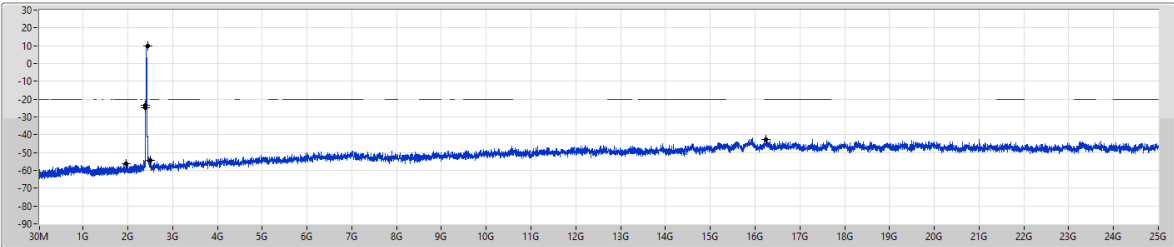
CSEndB

2412MHz

09/06/2025

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
2.43824G	9.90	-20.10	1.95924G	-56.43	2.39992G	-24.86	2.4G	-23.37	2.50126G	-54.34	16.24259G	-42.56	1



**CSE (NdB Down)_Non-Beamforming_
Radio 1_Omnidirectional_2T1S**

Appendix E.2

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43641G	10.37	-19.63	2.16312G	-56.82	2.39984G	-44.53	2.4G	-43.99	2.50238G	-53.79	16.53198G	-42.29	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	10.61	-19.39	2.14564G	-56.88	2.39992G	-26.06	2.4G	-25.58	2.51886G	-54.12	17.61366G	-42.56	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43824G	10.13	-19.87	855.99M	-55.88	2.39952G	-24.94	2.4G	-27.09	2.5159G	-53.72	15.21429G	-42.91	2



**CSE (NdB Down)_Non-Beamforming_
Radio 1_Omnidirectional_2T1S**

Appendix E.2

Result

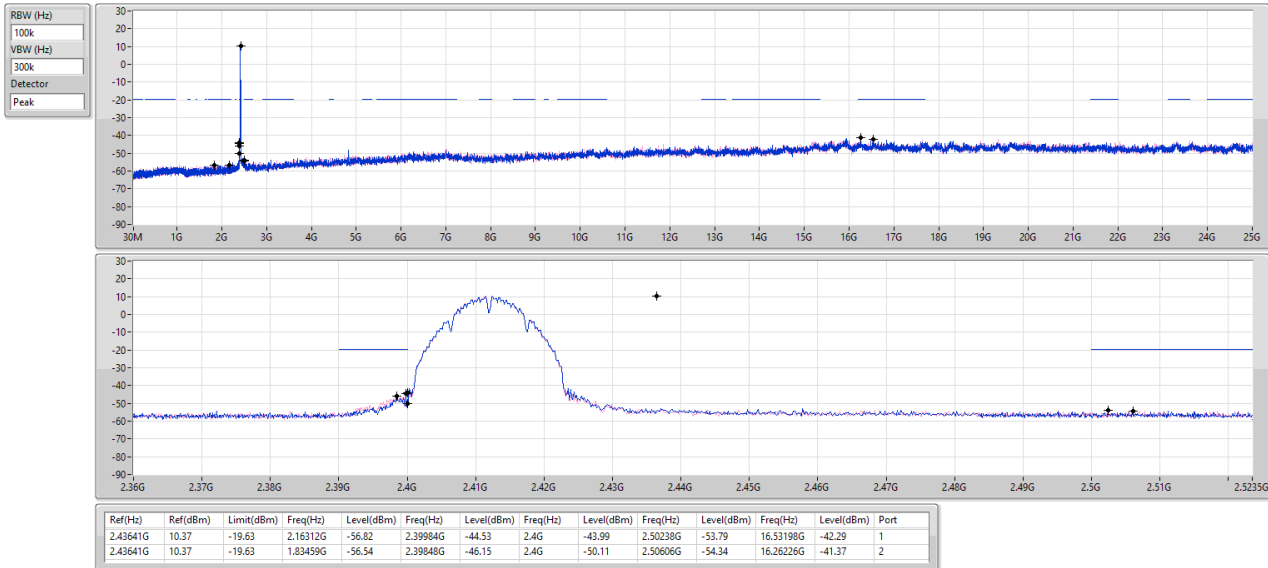
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	10.37	-19.63	2.16312G	-56.82	2.39984G	-44.53	2.4G	-43.99	2.50238G	-53.79	16.53198G	-42.29	1
2412MHz	Pass	2.43641G	10.37	-19.63	1.83459G	-56.54	2.39848G	-46.15	2.4G	-50.11	2.50606G	-54.34	16.26226G	-41.37	2
2437MHz	Pass	2.43641G	10.37	-19.63	2.19574G	-55.71	2.39872G	-53.55	2.4G	-54.29	2.50806G	-53.73	24.63757G	-43.11	1
2437MHz	Pass	2.43641G	10.37	-19.63	1.94526G	-55.33	2.39424G	-53.73	2.4G	-55.40	2.52166G	-54.24	23.29179G	-42.63	2
2462MHz	Pass	2.43641G	10.37	-19.63	823.37M	-55.24	2.39776G	-53.55	2.4G	-56.17	2.51406G	-54.16	16.85227G	-43.44	1
2462MHz	Pass	2.43641G	10.37	-19.63	2.16428G	-56.59	2.4G	-54.30	2.4G	-56.08	2.5179G	-54.12	16.78203G	-42.99	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	10.61	-19.39	2.14448G	-56.48	2.39984G	-27.34	2.4G	-26.35	2.51606G	-54.09	23.28055G	-42.25	1
2412MHz	Pass	2.43574G	10.61	-19.39	2.14564G	-56.88	2.39992G	-26.06	2.4G	-25.58	2.51886G	-54.12	17.61366G	-42.56	2
2437MHz	Pass	2.43574G	10.61	-19.39	868.8M	-56.32	2.39984G	-51.17	2.4G	-54.81	2.50318G	-54.29	23.30021G	-43.21	1
2437MHz	Pass	2.43574G	10.61	-19.39	2.14914G	-54.99	2.4G	-53.20	2.4G	-52.86	2.51646G	-54.56	23.30021G	-42.28	2
2462MHz	Pass	2.43574G	10.61	-19.39	2.01516G	-56.45	2.39832G	-53.61	2.4G	-54.81	2.51918G	-54.74	17.29337G	-42.90	1
2462MHz	Pass	2.43574G	10.61	-19.39	2.13399G	-56.26	2.39592G	-52.07	2.4G	-53.64	2.50494G	-54.10	17.65299G	-41.99	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	10.13	-19.87	539.11M	-56.56	2.39992G	-25.61	2.4G	-26.58	2.52222G	-54.00	15.2171G	-42.13	1
2412MHz	Pass	2.43824G	10.13	-19.87	855.99M	-55.88	2.39952G	-24.94	2.4G	-27.09	2.5159G	-53.72	15.21429G	-42.91	2
2437MHz	Pass	2.43824G	10.13	-19.87	2.09438G	-56.81	2.4G	-51.20	2.4G	-51.00	2.51374G	-54.21	16.2735G	-42.12	1
2437MHz	Pass	2.43824G	10.13	-19.87	2.08623G	-55.43	2.3992G	-51.85	2.4G	-51.25	2.50694G	-54.79	23.33393G	-42.35	2
2462MHz	Pass	2.43824G	10.13	-19.87	1.94526G	-55.87	2.39728G	-52.91	2.4G	-56.01	2.50622G	-53.85	16.2454G	-41.20	1
2462MHz	Pass	2.43824G	10.13	-19.87	2.15496G	-56.73	2.39664G	-53.65	2.4G	-53.16	2.51766G	-53.88	24.94943G	-43.07	2

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

CSEndB

2412MHz

09/06/2025

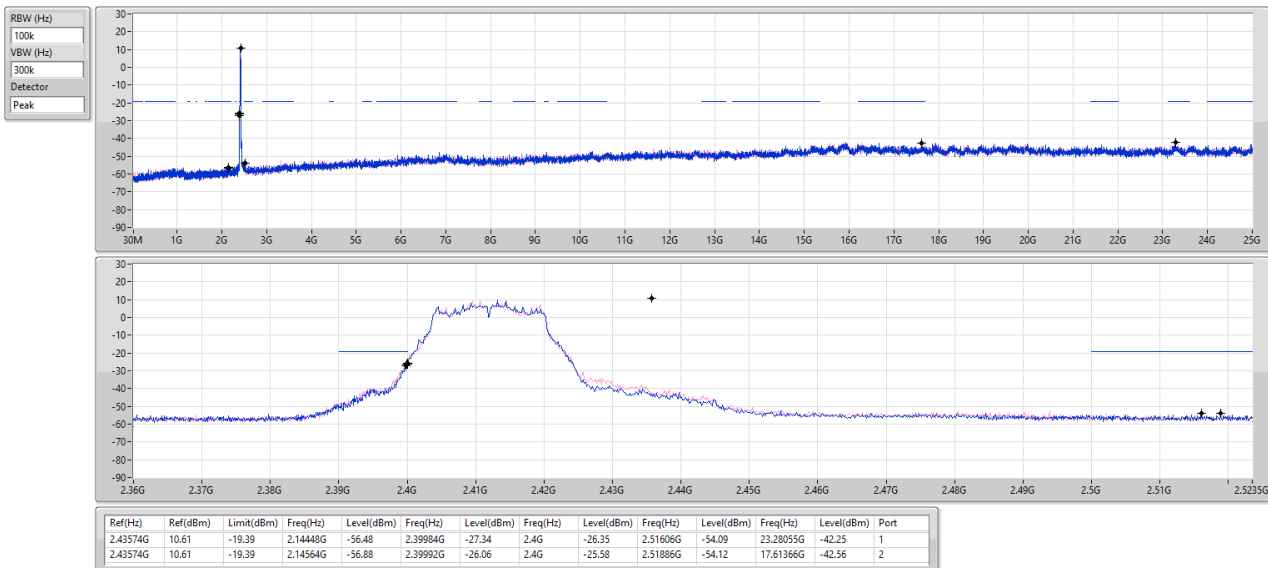


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

09/06/2025



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

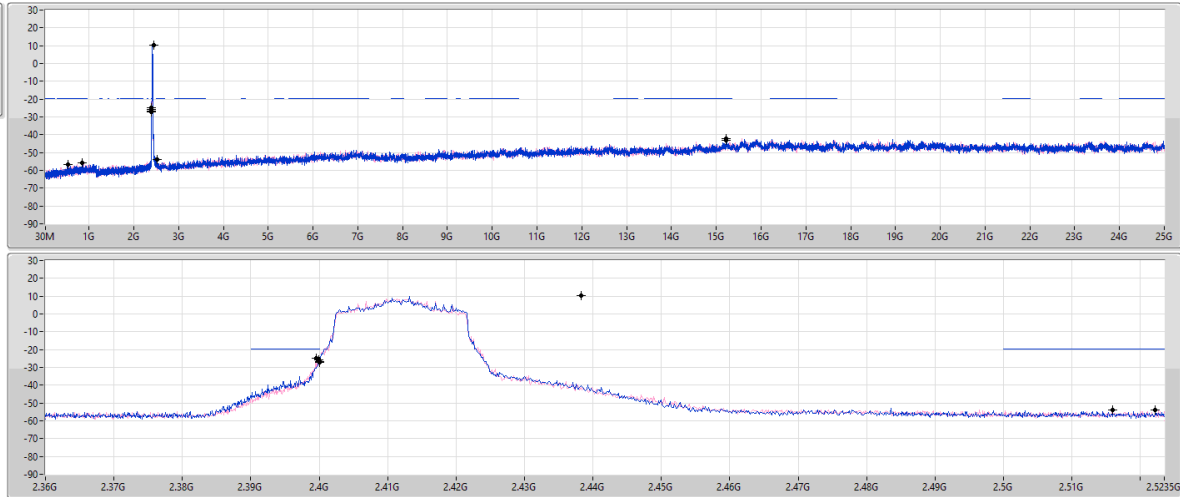
CSEndB

2412MHz

09/06/2025

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

Port 1
Port 2



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
2.43824G	10.13	-19.87	539.11M	-56.56	2.39992G	-25.61	2.4G	-26.58	2.52222G	-54.00	15.2171G	-42.13	1
2.43824G	10.13	-19.87	855.99M	-55.88	2.39952G	-24.94	2.4G	-27.09	2.5159G	-53.72	15.21429G	-42.91	2



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	Pass	2.43641G	10.18	-19.82	2.11885G	-56.27	2.4G	-45.07	2.4G	-44.30	2.50358G	-54.91	17.64457G	-42.99	1
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	2.43574G	9.96	-20.04	2.11768G	-55.82	2.39992G	-27.39	2.4G	-25.59	2.51862G	-54.26	16.27069G	-42.77	1
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	Pass	2.43824G	9.90	-20.10	786.09M	-55.79	2.4G	-27.80	2.4G	-26.85	2.51246G	-54.25	17.63333G	-42.54	1



CSE (NdB Down)_Non-Beamforming_ Radio 1_Patch Array_1T1S

Appendix E.3

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	10.18	-19.82	2.11885G	-56.27	2.4G	-45.07	2.4G	-44.30	2.50358G	-54.91	17.64457G	-42.99	1
2437MHz	Pass	2.43641G	10.18	-19.82	838.51M	-56.03	2.39072G	-54.44	2.4G	-55.44	2.51902G	-54.02	16.29036G	-42.84	1
2462MHz	Pass	2.43641G	10.18	-19.82	2.30641G	-56.49	2.39248G	-54.20	2.4G	-55.11	2.50926G	-53.72	24.57014G	-42.13	1
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	9.96	-20.04	2.11768G	-55.82	2.39992G	-27.39	2.4G	-25.59	2.51862G	-54.26	16.27069G	-42.77	1
2437MHz	Pass	2.43574G	9.96	-20.04	2.18991G	-55.75	2.39664G	-53.18	2.4G	-54.53	2.52014G	-54.13	16.58255G	-43.11	1
2462MHz	Pass	2.43574G	9.96	-20.04	1.78449G	-56.18	2.39608G	-52.61	2.4G	-53.19	2.51182G	-54.50	24.64319G	-42.51	1
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	9.90	-20.10	786.09M	-55.79	2.4G	-27.80	2.4G	-26.85	2.51246G	-54.25	17.63333G	-42.54	1
2437MHz	Pass	2.43824G	9.90	-20.10	1.78799G	-56.32	2.39992G	-50.03	2.4G	-51.34	2.50734G	-54.17	15.20306G	-43.27	1
2462MHz	Pass	2.43824G	9.90	-20.10	2.30874G	-56.08	2.39968G	-54.56	2.4G	-55.58	2.51262G	-54.05	15.25082G	-42.79	1

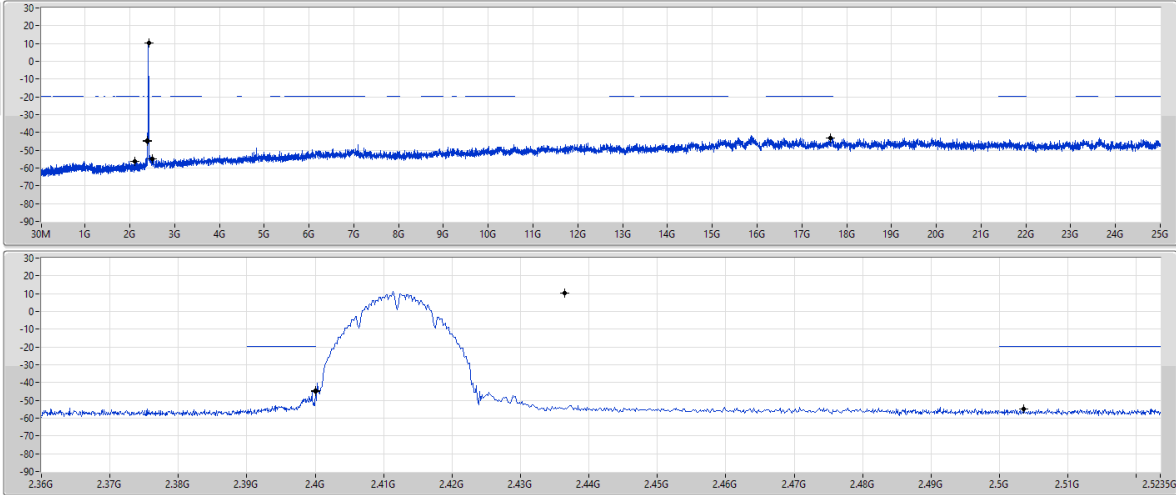
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

CSEndB

2412MHz

09/06/2025

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
2.43641G	10.18	-19.82	2.11885G	-56.27	2.4G	-45.07	2.4G	-44.30	2.50358G	-54.91	17.64457G	-42.99	1

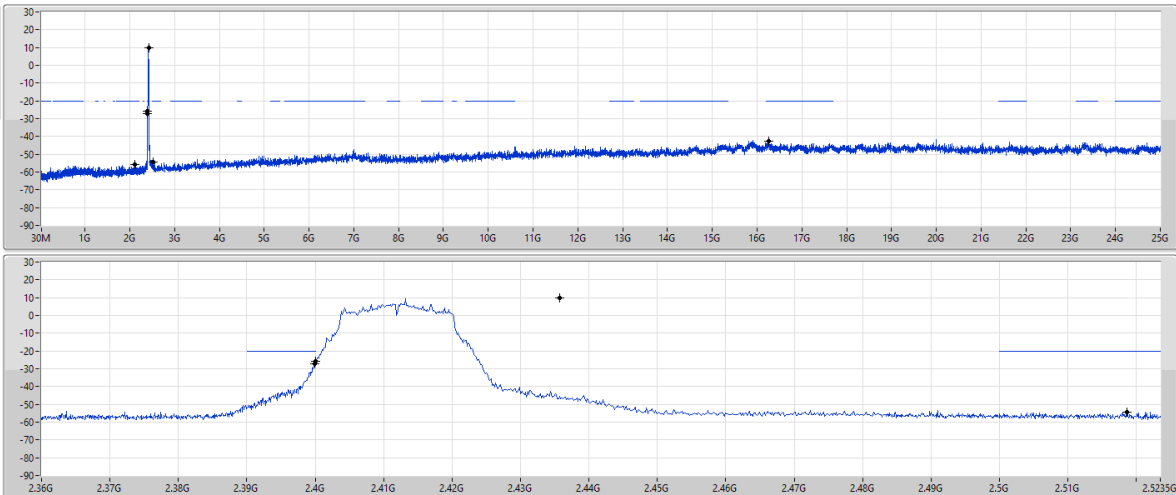
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

CSEndB

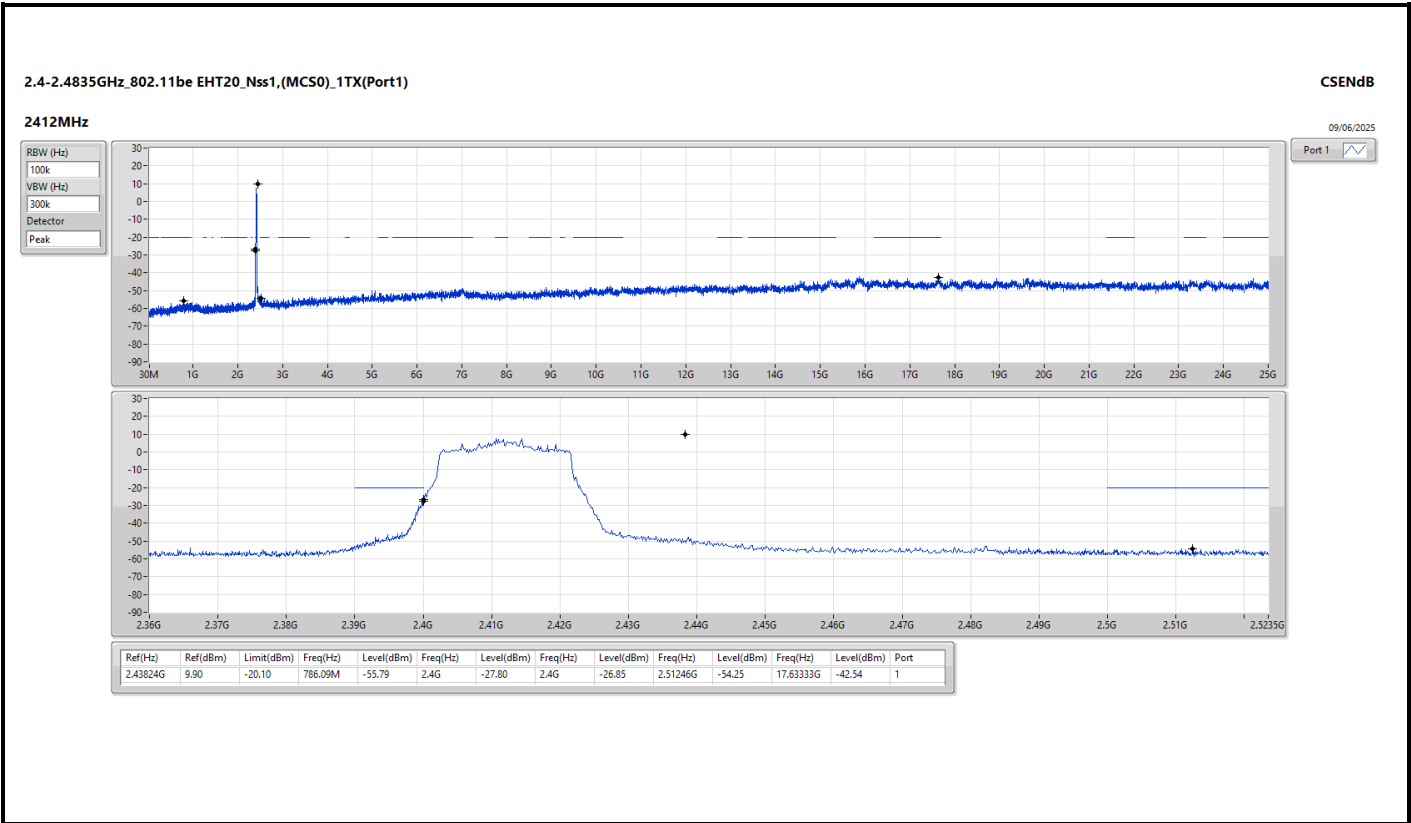
2412MHz

09/06/2025

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
2.43574G	9.96	-20.04	2.11768G	-55.82	2.39992G	-27.39	2.4G	-25.59	2.51862G	-54.26	16.27069G	-42.77	1





**CSE (NdB Down)_Non-Beamforming_
Radio 1_Patch Array_2T1S**

Appendix E.4

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43641G	10.37	-19.63	2.16312G	-56.82	2.39984G	-44.53	2.4G	-43.99	2.50238G	-53.79	16.53198G	-42.29	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	10.61	-19.39	2.1538G	-55.59	2.39992G	-28.46	2.4G	-27.25	2.50846G	-54.03	23.28055G	-42.84	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43824G	8.27	-21.73	2.08273G	-56.34	2.39952G	-27.23	2.4G	-28.32	2.51606G	-54.39	17.69233G	-43.10	2



CSE (NdB Down)_Non-Beamforming_ Radio 1_Patch Array_2T1S

Appendix E.4

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	10.37	-19.63	2.16312G	-56.82	2.39984G	-44.53	2.4G	-43.99	2.50238G	-53.79	16.53198G	-42.29	1
2412MHz	Pass	2.43641G	10.37	-19.63	1.83459G	-56.54	2.39848G	-46.15	2.4G	-50.11	2.50606G	-54.34	16.26226G	-41.37	2
2437MHz	Pass	2.43641G	10.37	-19.63	2.19574G	-55.71	2.39872G	-53.55	2.4G	-54.29	2.50806G	-53.73	24.63757G	-43.11	1
2437MHz	Pass	2.43641G	10.37	-19.63	1.94526G	-55.33	2.39424G	-53.73	2.4G	-55.40	2.52166G	-54.24	23.29179G	-42.63	2
2462MHz	Pass	2.43641G	10.37	-19.63	2.1771G	-56.46	2.39816G	-54.92	2.4G	-53.03	2.51518G	-54.52	16.24259G	-43.07	1
2462MHz	Pass	2.43641G	10.37	-19.63	1.98138G	-56.71	2.39944G	-54.51	2.4G	-55.64	2.51278G	-53.77	16.37745G	-43.26	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	10.61	-19.39	2.1538G	-55.59	2.39992G	-28.46	2.4G	-27.25	2.50846G	-54.03	23.28055G	-42.84	1
2412MHz	Pass	2.43574G	10.61	-19.39	2.30408G	-54.94	2.39992G	-28.86	2.4G	-27.52	2.50574G	-53.62	17.58276G	-43.20	2
2437MHz	Pass	2.43574G	10.61	-19.39	868.8M	-56.32	2.39984G	-51.17	2.4G	-54.81	2.50318G	-54.29	23.30021G	-43.21	1
2437MHz	Pass	2.43574G	10.61	-19.39	2.14914G	-54.99	2.4G	-53.20	2.4G	-52.86	2.51646G	-54.56	23.30021G	-42.28	2
2462MHz	Pass	2.43574G	10.61	-19.39	2.30059G	-56.18	2.39512G	-54.71	2.4G	-55.16	2.50678G	-54.49	16.34655G	-42.71	1
2462MHz	Pass	2.43574G	10.61	-19.39	2.30874G	-56.24	2.39432G	-54.67	2.4G	-55.38	2.50462G	-53.74	24.69938G	-43.43	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	8.27	-21.73	723.18M	-56.02	2.4G	-28.80	2.4G	-27.83	2.51958G	-54.52	17.63895G	-42.10	1
2412MHz	Pass	2.43824G	8.27	-21.73	2.08273G	-56.34	2.39952G	-27.23	2.4G	-28.32	2.51606G	-54.39	17.69233G	-43.10	2
2437MHz	Pass	2.43824G	8.27	-21.73	2.30758G	-55.30	2.39808G	-53.17	2.4G	-53.90	2.50582G	-53.97	16.85227G	-42.25	1
2437MHz	Pass	2.43824G	8.27	-21.73	800.07M	-55.75	2.39376G	-52.41	2.4G	-53.20	2.50078G	-54.26	17.69795G	-42.68	2
2462MHz	Pass	2.43824G	8.27	-21.73	1.84274G	-56.41	2.39408G	-53.84	2.4G	-54.99	2.50886G	-54.36	15.2452G	-41.93	1
2462MHz	Pass	2.43824G	8.27	-21.73	2.15613G	-56.83	2.398G	-54.53	2.4G	-56.98	2.50606G	-54.71	15.21429G	-43.29	2

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

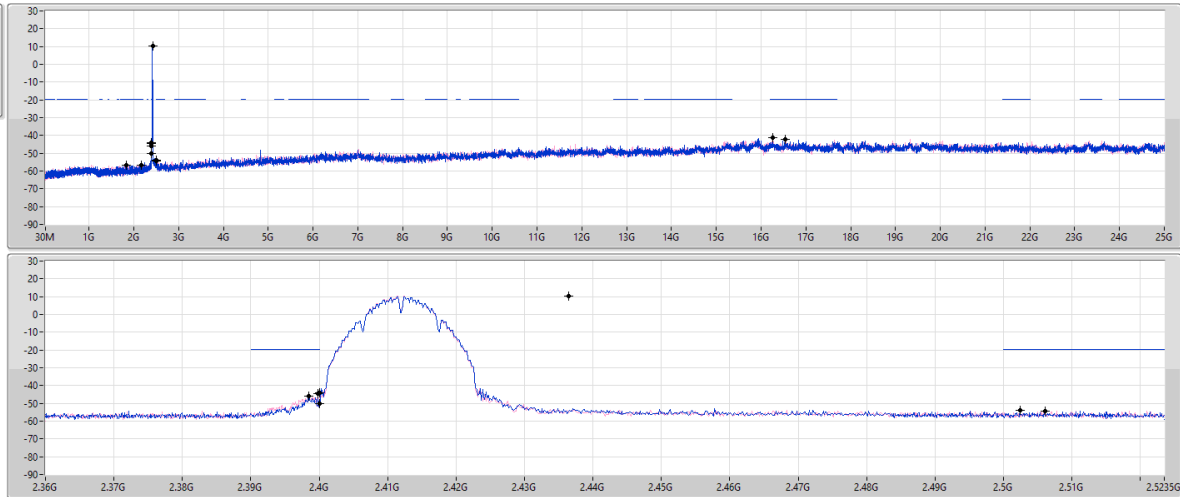
CSEndB

2412MHz

09/06/2025

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

Port 1
Port 2



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

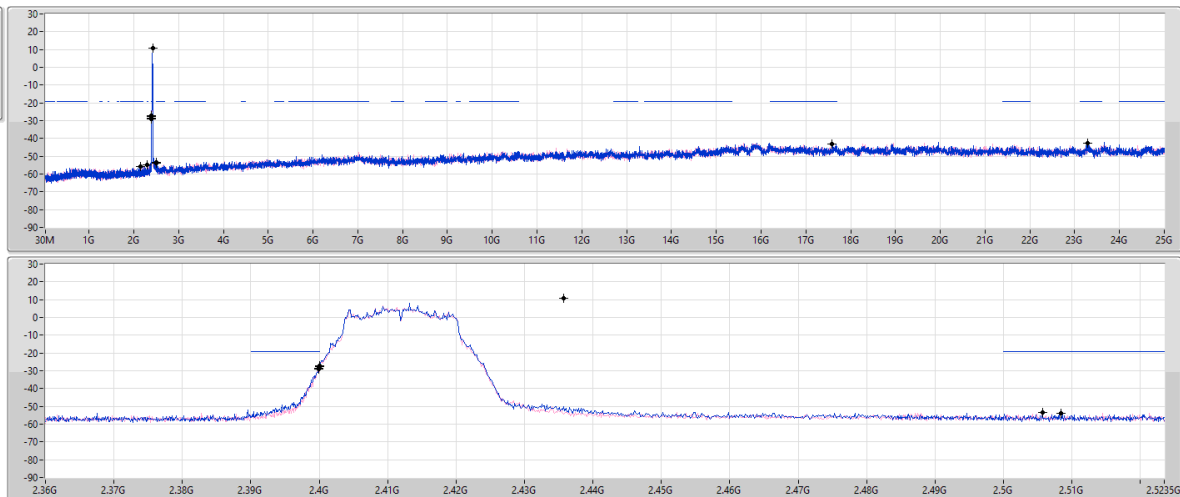
CSEndB

2412MHz

09/06/2025

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

Port 1
Port 2





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

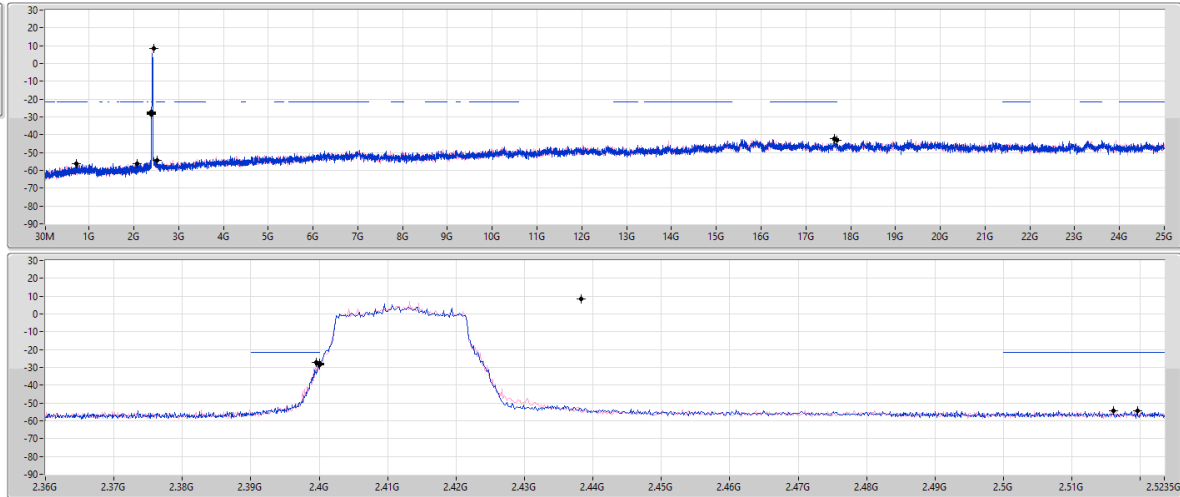
CSEndB

2412MHz

09/06/2025

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

Port 1
Port 2



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
2.43824G	8.27	-21.73	723.18M	-56.02	2.4G	-28.80	2.4G	-27.83	2.51958G	-54.52	17.63895G	-42.10	1
2.43824G	8.27	-21.73	2.08273G	-56.34	2.39952G	-27.23	2.4G	-28.32	2.51606G	-54.39	17.69233G	-43.10	2



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	2.43908G	9.45	-20.55	1.7775G	-56.03	2.39704G	-37.79	2.4G	-47.76	2.50598G	-54.23	16.28755G	-42.60	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	2.43958G	8.40	-21.60	821.04M	-56.18	2.4G	-25.40	2.4G	-23.41	2.50862G	-54.10	21.64819G	-42.89	2
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	Pass	2.44192G	8.52	-21.48	2.14681G	-56.19	2.39992G	-25.80	2.4G	-24.05	2.5163G	-54.04	16.24821G	-42.54	2



**CSE (NdB Down)_Non-Beamforming_
Radio 3_Omnidirectional_1T1S**

Appendix E.5

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(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43908G	9.45	-20.55	1.7775G	-56.03	2.39704G	-37.79	2.4G	-47.76	2.50598G	-54.23	16.28755G	-42.60	2
2437MHz	Pass	2.43908G	9.45	-20.55	2.30292G	-55.80	2.39712G	-52.22	2.4G	-53.60	2.50102G	-53.99	16.30721G	-42.82	2
2462MHz	Pass	2.43908G	9.45	-20.55	2.30525G	-56.36	2.4G	-52.16	2.4G	-54.16	2.51126G	-54.09	16.21169G	-43.09	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	8.40	-21.60	821.04M	-56.18	2.4G	-25.40	2.4G	-23.41	2.50862G	-54.10	21.64819G	-42.89	2
2437MHz	Pass	2.43958G	8.40	-21.60	1.95458G	-56.32	2.39952G	-51.54	2.4G	-53.50	2.5087G	-54.18	16.26788G	-42.79	2
2462MHz	Pass	2.43958G	8.40	-21.60	2.1305G	-56.35	2.39856G	-53.20	2.4G	-54.72	2.51078G	-54.87	17.61928G	-42.96	2
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	8.52	-21.48	2.14681G	-56.19	2.39992G	-25.80	2.4G	-24.05	2.5163G	-54.04	16.24821G	-42.54	2
2437MHz	Pass	2.44192G	8.52	-21.48	937.54M	-56.42	2.3984G	-45.96	2.4G	-46.80	2.51462G	-54.44	16.20326G	-42.96	2
2462MHz	Pass	2.44192G	8.52	-21.48	2.14215G	-55.99	2.39776G	-52.77	2.4G	-54.64	2.50638G	-54.40	17.60804G	-42.92	2

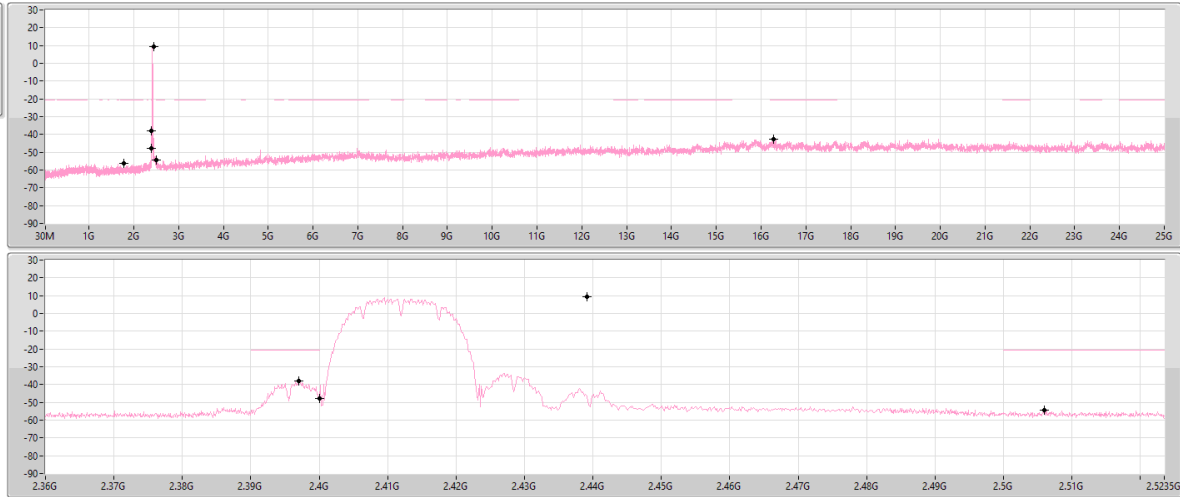
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

CSEndB

2412MHz

10/06/2025

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
2.43908G	9.45	-20.55	1.7775G	-56.03	2.39704G	-37.79	2.4G	-47.76	2.50598G	-54.23	16.28755G	-42.60	2

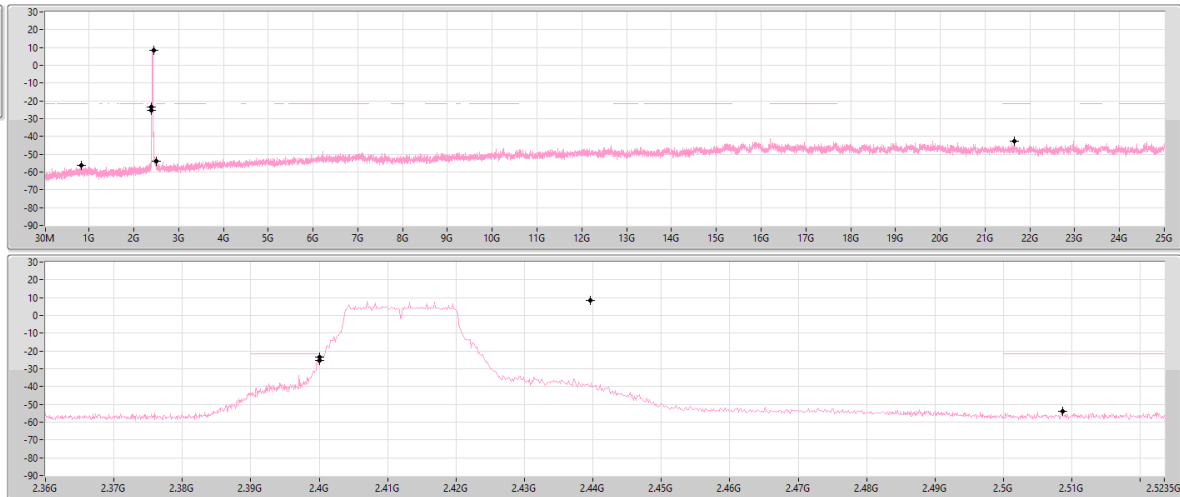
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

CSEndB

2412MHz

10/06/2025

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
2.43958G	8.40	-21.60	821.04M	-56.18	2.4G	-25.40	2.4G	-23.41	2.50862G	-54.10	21.64819G	-42.89	2



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

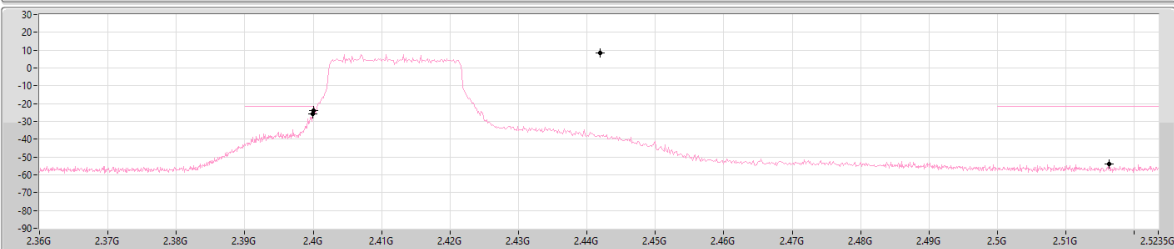
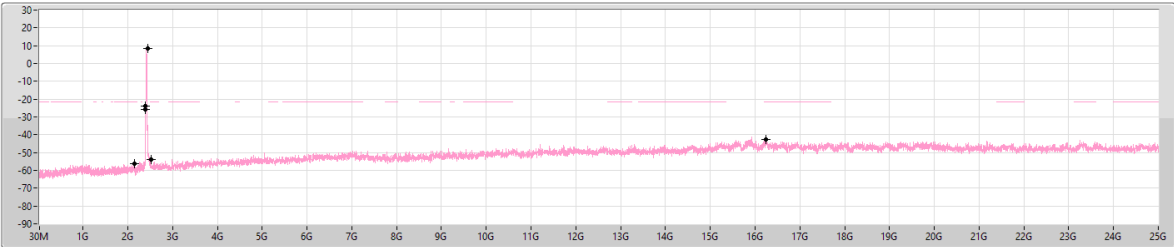
CSEndB

2412MHz

10/06/2025

Port 2

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
2.44192G	8.52	-21.48	2.14681G	-56.19	2.39992G	-25.80	2.4G	-24.05	2.5163G	-54.04	16.24821G	-42.54	2



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	Pass	2.4319G	8.19	-21.81	2.14331G	-56.03	2.39704G	-37.65	2.4G	-48.78	2.50174G	-52.88	16.6865G	-42.84	3
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	Pass	2.4319G	8.19	-21.81	2.1072G	-56.64	2.4G	-26.47	2.4G	-25.11	2.51894G	-53.88	16.62469G	-42.28	2
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	2.4319G	8.19	-21.81	1.95342G	-55.24	2.39976G	-28.75	2.4G	-27.32	2.50862G	-53.90	17.62209G	-42.50	3

Result

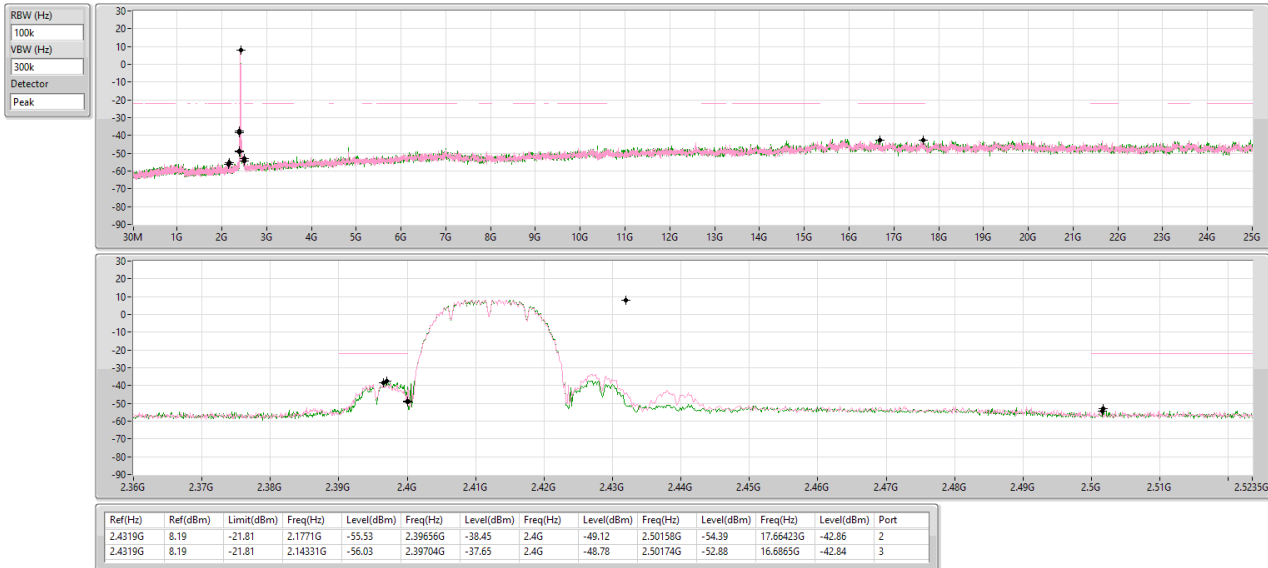
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	8.19	-21.81	2.1771G	-55.53	2.39656G	-38.45	2.4G	-49.12	2.50158G	-54.39	17.66423G	-42.86	2
2412MHz	Pass	2.4319G	8.19	-21.81	2.14331G	-56.03	2.39704G	-37.65	2.4G	-48.78	2.50174G	-52.88	16.6865G	-42.84	3
2437MHz	Pass	2.43958G	8.35	-21.65	2.07225G	-56.05	2.3988G	-52.47	2.4G	-53.26	2.50718G	-53.27	16.24259G	-42.32	2
2437MHz	Pass	2.43958G	8.35	-21.65	921.23M	-56.31	2.39944G	-50.99	2.4G	-52.00	2.5067G	-54.28	16.26788G	-42.92	3
2462MHz	Pass	2.4319G	8.19	-21.81	855.99M	-55.87	2.39704G	-53.21	2.4G	-53.80	2.50902G	-53.82	17.56309G	-42.92	2
2462MHz	Pass	2.4319G	8.19	-21.81	2.16778G	-55.65	2.39384G	-52.38	2.4G	-52.45	2.51894G	-54.22	23.30583G	-42.63	3
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	8.19	-21.81	2.1072G	-56.64	2.4G	-26.47	2.4G	-25.11	2.51894G	-53.88	16.62469G	-42.28	2
2412MHz	Pass	2.4319G	8.19	-21.81	1.8742G	-56.07	2.39992G	-27.03	2.4G	-25.47	2.5159G	-54.57	15.22272G	-42.39	3
2437MHz	Pass	2.42956G	8.48	-21.52	2.14681G	-55.66	2.3996G	-51.92	2.4G	-52.33	2.5023G	-54.22	17.61928G	-42.77	2
2437MHz	Pass	2.42956G	8.48	-21.52	2.30525G	-56.05	2.3992G	-51.24	2.4G	-51.04	2.50718G	-54.70	17.66985G	-43.12	3
2462MHz	Pass	2.4319G	8.19	-21.81	2.13166G	-56.36	2.39512G	-52.70	2.4G	-53.97	2.51766G	-53.69	24.98595G	-43.03	2
2462MHz	Pass	2.4319G	8.19	-21.81	2.30175G	-56.26	2.39792G	-52.77	2.4G	-55.25	2.50166G	-53.95	23.29179G	-42.66	3
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	8.19	-21.81	1.81478G	-56.34	2.4G	-29.86	2.4G	-28.85	2.50206G	-54.82	24.65161G	-43.50	2
2412MHz	Pass	2.4319G	8.19	-21.81	1.95342G	-55.24	2.39976G	-28.75	2.4G	-27.32	2.50862G	-53.90	17.62209G	-42.50	3
2437MHz	Pass	2.4319G	8.19	-21.81	2.17593G	-56.23	2.39872G	-45.48	2.4G	-45.31	2.50526G	-54.50	16.59379G	-42.23	2
2437MHz	Pass	2.4319G	8.19	-21.81	2.16428G	-56.78	2.39976G	-47.87	2.4G	-48.76	2.50102G	-54.39	23.31145G	-42.47	3
2462MHz	Pass	2.4319G	8.19	-21.81	2.13166G	-56.34	2.39992G	-52.83	2.4G	-54.74	2.5043G	-53.67	17.6249G	-42.33	2
2462MHz	Pass	2.4319G	8.19	-21.81	2.11419G	-55.83	2.39616G	-52.25	2.4G	-54.56	2.5031G	-53.49	16.20607G	-42.64	3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)

CSEndB

2412MHz

10/06/2025

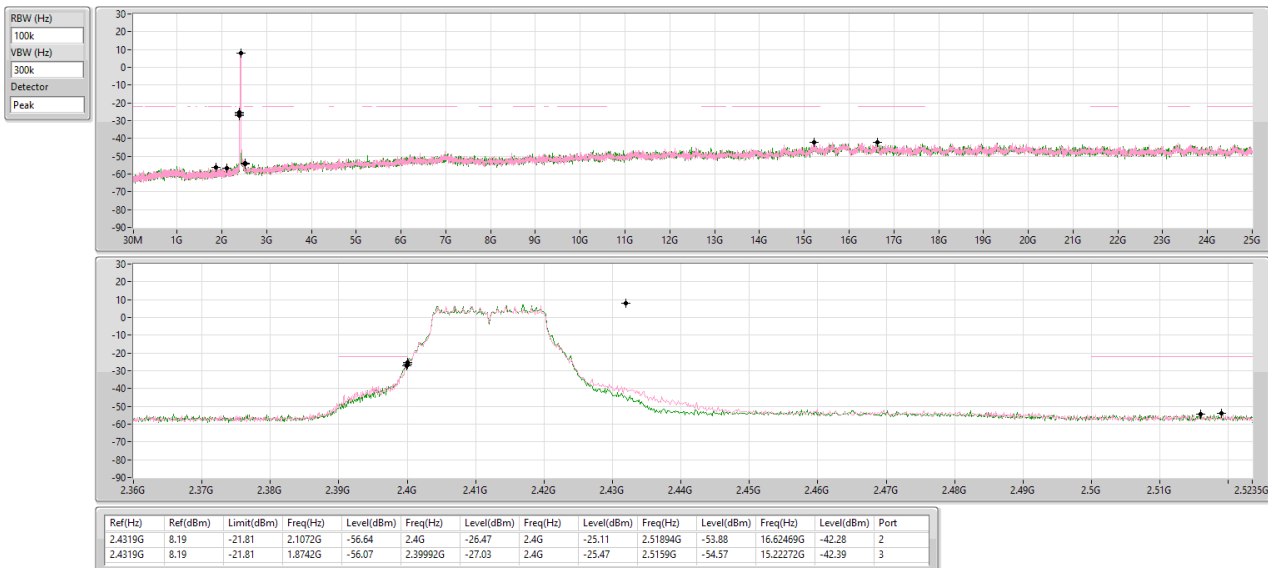


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)

CSEndB

2412MHz

10/06/2025





2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

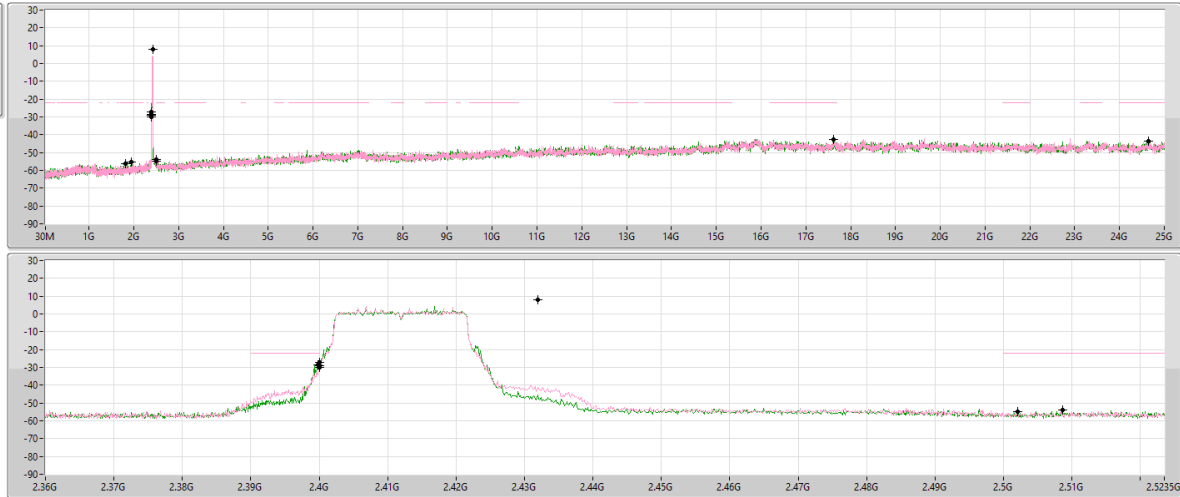
CSEndB

2412MHz

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

10/06/2025

Port 2
Port 3



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
2.4319G	8.19	-21.81	1.81478G	-56.34	2.4G	-29.86	2.4G	-28.85	2.50206G	-54.82	24.65161G	-43.50	2
2.4319G	8.19	-21.81	1.95342G	-55.24	2.39978G	-28.75	2.4G	-27.32	2.50862G	-53.90	17.62209G	-42.50	3



**CSE (NdB Down)_Non-Beamforming_
Radio 3_Omnidirectional_4T1S**

Appendix E.7

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43858G	7.96	-22.04	2.00584G	-55.84	2.39648G	-41.04	2.4G	-47.56	2.52342G	-53.99	24.66566G	-42.79	4
802.11g_Nss1,(6Mbps)_4TX	Pass	2.44442G	8.36	-21.64	761.62M	-56.10	2.4G	-28.12	2.4G	-28.28	2.50686G	-54.10	23.35079G	-42.74	3
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	2.44192G	8.15	-21.85	1.78449G	-56.14	2.39984G	-29.61	2.4G	-29.37	2.50374G	-54.43	16.22574G	-42.27	4

Result

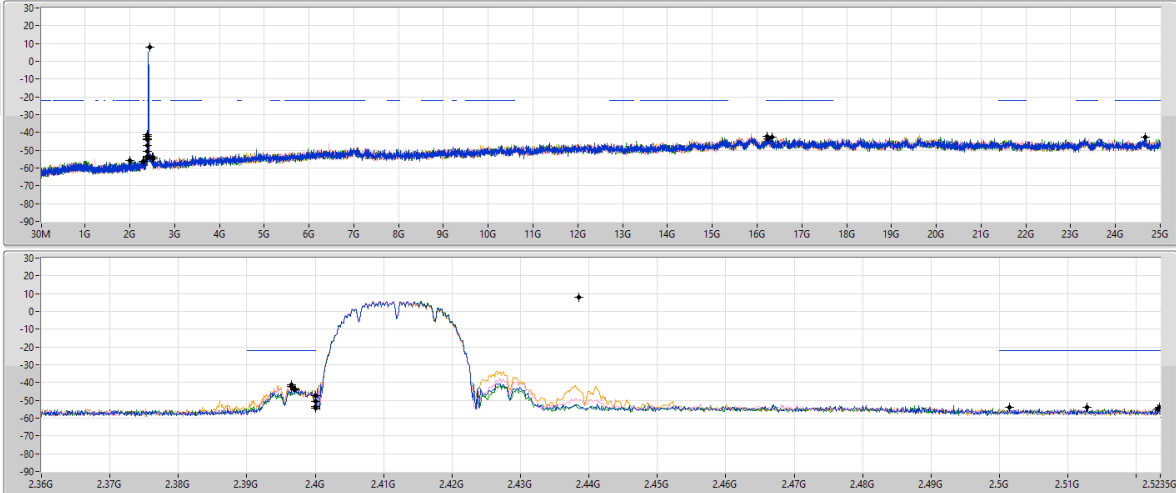
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43858G	7.96	-22.04	2.00934G	-55.55	2.39704G	-43.62	2.4G	-54.47	2.51278G	-53.92	16.25102G	-43.40	1
2412MHz	Pass	2.43858G	7.96	-22.04	2.30991G	-56.29	2.39648G	-42.14	2.4G	-50.68	2.5015G	-54.06	16.3325G	-42.62	2
2412MHz	Pass	2.43858G	7.96	-22.04	2.30292G	-56.30	2.39704G	-44.27	2.4G	-53.54	2.52318G	-54.83	16.23136G	-42.06	3
2412MHz	Pass	2.43858G	7.96	-22.04	2.00584G	-55.84	2.39648G	-41.04	2.4G	-47.56	2.52342G	-53.99	24.66566G	-42.79	4
2437MHz	Pass	2.43858G	7.96	-22.04	1.95808G	-56.05	2.39808G	-52.22	2.4G	-52.53	2.51382G	-53.10	16.3325G	-42.89	1
2437MHz	Pass	2.43858G	7.96	-22.04	859.48M	-56.48	2.39752G	-52.79	2.4G	-55.04	2.5175G	-53.87	17.65018G	-42.70	2
2437MHz	Pass	2.43858G	7.96	-22.04	2.12584G	-56.85	2.39768G	-52.28	2.4G	-53.17	2.51478G	-54.41	16.52917G	-42.62	3
2437MHz	Pass	2.43858G	7.96	-22.04	2.16778G	-55.93	2.4G	-49.23	2.4G	-48.92	2.50822G	-54.04	17.65299G	-43.24	4
2462MHz	Pass	2.43858G	7.96	-22.04	2.1072G	-56.09	2.39984G	-52.92	2.4G	-55.91	2.50422G	-54.83	16.27631G	-42.27	1
2462MHz	Pass	2.43858G	7.96	-22.04	1.99303G	-56.51	2.39744G	-53.67	2.4G	-54.71	2.5139G	-54.63	16.81293G	-43.19	2
2462MHz	Pass	2.43858G	7.96	-22.04	2.0338G	-56.69	2.39448G	-53.06	2.4G	-53.01	2.5139G	-53.86	16.27069G	-43.38	3
2462MHz	Pass	2.43858G	7.96	-22.04	2.14098G	-54.99	2.39536G	-54.02	2.4G	-56.25	2.50126G	-54.74	16.25102G	-42.61	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44442G	8.36	-21.64	1.97555G	-55.87	2.4G	-29.80	2.4G	-28.17	2.50638G	-54.51	24.92976G	-43.03	1
2412MHz	Pass	2.44442G	8.36	-21.64	2.04662G	-56.32	2.4G	-29.38	2.4G	-29.08	2.5155G	-54.14	16.22012G	-41.68	2
2412MHz	Pass	2.44442G	8.36	-21.64	761.62M	-56.10	2.4G	-28.12	2.4G	-28.28	2.50686G	-54.10	23.35079G	-42.74	3
2412MHz	Pass	2.44442G	8.36	-21.64	2.13399G	-56.08	2.4G	-29.40	2.4G	-29.13	2.50782G	-54.29	16.97027G	-42.47	4
2437MHz	Pass	2.44442G	8.36	-21.64	2.30758G	-56.32	2.39976G	-50.96	2.4G	-49.53	2.51118G	-54.10	17.29337G	-42.68	1
2437MHz	Pass	2.44442G	8.36	-21.64	1.93478G	-56.08	2.39976G	-51.86	2.4G	-49.75	2.51878G	-54.26	16.25945G	-41.70	2
2437MHz	Pass	2.44442G	8.36	-21.64	957.34M	-56.76	2.39928G	-49.26	2.4G	-50.96	2.5075G	-53.54	17.5968G	-42.69	3
2437MHz	Pass	2.44442G	8.36	-21.64	1.93827G	-55.64	2.39952G	-43.26	2.4G	-44.25	2.51582G	-54.37	17.61366G	-42.34	4
2462MHz	Pass	2.44442G	8.36	-21.64	733.66M	-56.66	2.39784G	-53.04	2.4G	-55.34	2.51542G	-54.09	16.24821G	-41.23	1
2462MHz	Pass	2.44442G	8.36	-21.64	866.47M	-55.14	2.39984G	-54.30	2.4G	-55.45	2.51614G	-53.87	16.6837G	-43.15	2
2462MHz	Pass	2.44442G	8.36	-21.64	2.014G	-56.16	2.39992G	-53.67	2.4G	-54.71	2.51038G	-54.25	16.91689G	-42.49	3
2462MHz	Pass	2.44442G	8.36	-21.64	1.90216G	-56.21	2.39752G	-54.09	2.4G	-55.51	2.50958G	-54.08	16.61908G	-43.03	4
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	8.15	-21.85	1.98138G	-56.42	2.39992G	-30.94	2.4G	-32.05	2.51606G	-54.22	16.29598G	-42.93	1
2412MHz	Pass	2.44192G	8.15	-21.85	910.74M	-56.33	2.3996G	-32.84	2.4G	-33.18	2.52294G	-54.24	15.25082G	-42.21	2
2412MHz	Pass	2.44192G	8.15	-21.85	2.14448G	-55.42	2.39984G	-31.33	2.4G	-31.13	2.52262G	-53.94	15.30139G	-42.54	3
2412MHz	Pass	2.44192G	8.15	-21.85	1.78449G	-56.14	2.39984G	-29.61	2.4G	-29.37	2.50374G	-54.43	16.22574G	-42.27	4
2437MHz	Pass	2.44192G	8.15	-21.85	2.10254G	-56.83	2.4G	-47.47	2.4G	-46.38	2.51438G	-54.58	16.31283G	-42.32	1
2437MHz	Pass	2.44192G	8.15	-21.85	2.30175G	-55.92	2.39856G	-45.17	2.4G	-46.54	2.5083G	-54.25	17.65018G	-42.71	2
2437MHz	Pass	2.44192G	8.15	-21.85	1.84507G	-55.99	2.39928G	-46.87	2.4G	-49.89	2.50966G	-54.19	17.60242G	-42.24	3
2437MHz	Pass	2.44192G	8.15	-21.85	865.31M	-56.43	2.4G	-38.14	2.4G	-40.25	2.50022G	-53.48	23.29741G	-42.32	4
2462MHz	Pass	2.44192G	8.15	-21.85	731.33M	-56.19	2.4G	-53.83	2.4G	-54.72	2.51446G	-54.47	15.29296G	-43.08	1
2462MHz	Pass	2.44192G	8.15	-21.85	617.16M	-56.97	2.39912G	-53.86	2.4G	-55.35	2.50054G	-54.66	17.00679G	-43.06	2
2462MHz	Pass	2.44192G	8.15	-21.85	2.13166G	-56.27	2.39352G	-53.72	2.4G	-56.14	2.51398G	-54.48	15.21148G	-43.13	3
2462MHz	Pass	2.44192G	8.15	-21.85	1.78333G	-55.76	2.39808G	-53.97	2.4G	-55.85	2.50606G	-53.63	16.65279G	-41.97	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

CSEndB

2412MHz

10/06/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

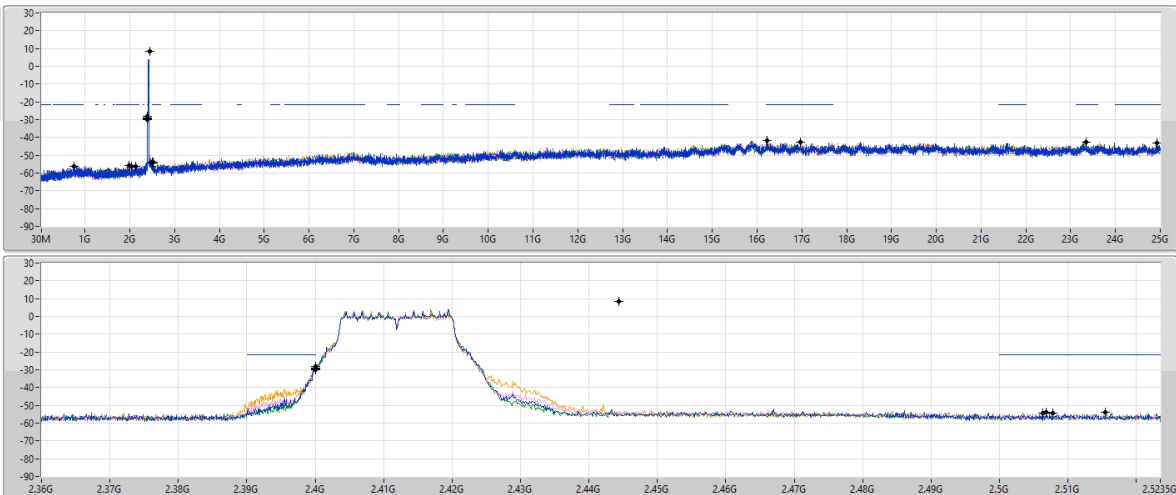
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43858G	7.96	-22.04	2.00934G	-55.55	2.39704G	-43.62	2.4G	-54.47	2.51278G	-53.92	16.25102G	-43.40	1
2.43858G	7.96	-22.04	2.30991G	-56.29	2.39648G	-42.14	2.4G	-50.68	2.5015G	-54.06	16.3325G	-42.62	2
2.43858G	7.96	-22.04	2.30292G	-56.30	2.39704G	-44.27	2.4G	-53.54	2.52318G	-54.83	16.23136G	-42.06	3
2.43858G	7.96	-22.04	2.00584G	-55.84	2.39648G	-41.04	2.4G	-47.56	2.52342G	-53.99	24.66566G	-42.79	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSEndB

2412MHz

10/06/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

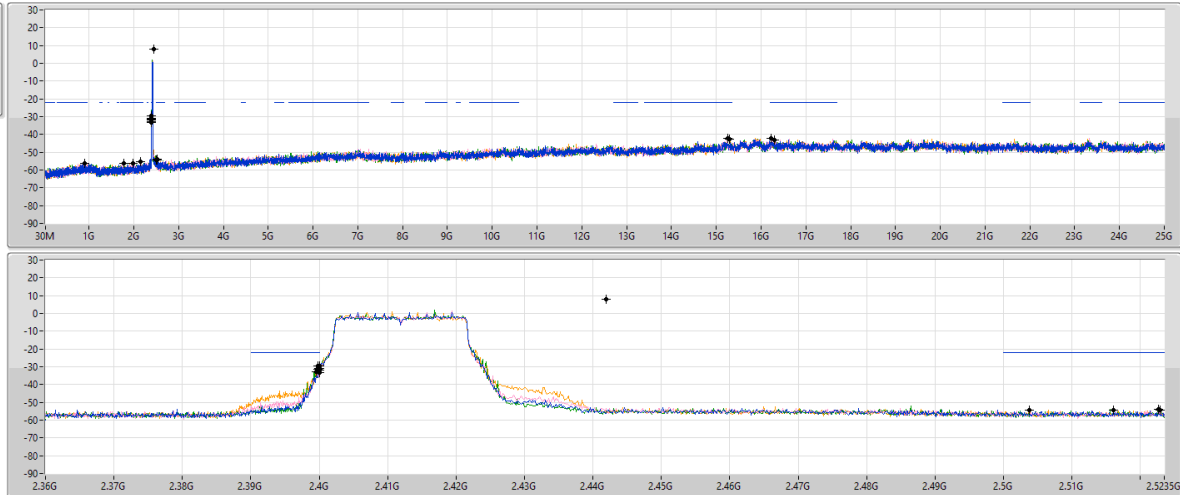
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44442G	8.36	-21.64	1.97555G	-55.87	2.4G	-29.80	2.4G	-28.17	2.50638G	-54.51	24.92976G	-43.03	1
2.44442G	8.36	-21.64	2.04662G	-56.32	2.4G	-29.38	2.4G	-29.08	2.5155G	-54.14	16.22012G	-41.68	2
2.44442G	8.36	-21.64	761.62M	-56.10	2.4G	-28.12	2.4G	-28.28	2.50686G	-54.10	23.35079G	-42.74	3
2.44442G	8.36	-21.64	2.13399G	-56.08	2.4G	-29.40	2.4G	-29.13	2.50782G	-54.29	16.97027G	-42.47	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2412MHz

10/06/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

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
2.44192G	8.15	-21.85	1.98138G	-56.42	2.39992G	-30.94	2.4G	-32.05	2.51606G	-54.22	16.29598G	-42.93	1
2.44192G	8.15	-21.85	910.74M	-56.33	2.3996G	-32.84	2.4G	-33.18	2.52294G	-54.24	15.25082G	-42.21	2
2.44192G	8.15	-21.85	2.14448G	-55.42	2.39984G	-31.33	2.4G	-31.13	2.52262G	-53.94	15.30139G	-42.54	3
2.44192G	8.15	-21.85	1.78449G	-56.14	2.39984G	-29.61	2.4G	-29.37	2.50374G	-54.43	16.22574G	-42.27	4



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(Port2)	Pass	2.43908G	9.45	-20.55	1.7775G	-56.03	2.39704G	-37.79	2.4G	-47.76	2.50598G	-54.23	16.28755G	-42.60	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	2.42956G	6.49	-23.51	1.92196G	-55.35	2.4G	-27.95	2.4G	-27.80	2.5195G	-53.12	23.32269G	-43.41	2
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	Pass	2.42956G	6.49	-23.51	1.86604G	-57.11	2.39992G	-31.57	2.4G	-29.67	2.5191G	-54.36	24.61228G	-43.02	2



**CSE (NdB Down)_Non-Beamforming_
Radio 3_Patch Array_1T1S**

Appendix E.8

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(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43908G	9.45	-20.55	1.7775G	-56.03	2.39704G	-37.79	2.4G	-47.76	2.50598G	-54.23	16.28755G	-42.60	2
2437MHz	Pass	2.43908G	9.45	-20.55	2.30292G	-55.80	2.39712G	-52.22	2.4G	-53.60	2.50102G	-53.99	16.30721G	-42.82	2
2462MHz	Pass	2.42956G	6.49	-23.51	2.30059G	-55.13	2.39744G	-53.44	2.4G	-53.75	2.5207G	-54.59	16.63874G	-42.66	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.42956G	6.49	-23.51	1.92196G	-55.35	2.4G	-27.95	2.4G	-27.80	2.5195G	-53.12	23.32269G	-43.41	2
2437MHz	Pass	2.43958G	8.40	-21.60	1.95458G	-56.32	2.39952G	-51.54	2.4G	-53.50	2.5087G	-54.18	16.26788G	-42.79	2
2462MHz	Pass	2.42956G	6.49	-23.51	1.8742G	-56.53	2.39328G	-53.90	2.4G	-55.35	2.5131G	-53.98	17.00679G	-42.67	2
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.42956G	6.49	-23.51	1.86604G	-57.11	2.39992G	-31.57	2.4G	-29.67	2.5191G	-54.36	24.61228G	-43.02	2
2437MHz	Pass	2.44192G	8.52	-21.48	937.54M	-56.42	2.3984G	-45.96	2.4G	-46.80	2.51462G	-54.44	16.20326G	-42.96	2
2462MHz	Pass	2.42956G	6.49	-23.51	2.30059G	-56.43	2.39816G	-53.54	2.4G	-54.59	2.50558G	-54.50	23.3536G	-42.07	2

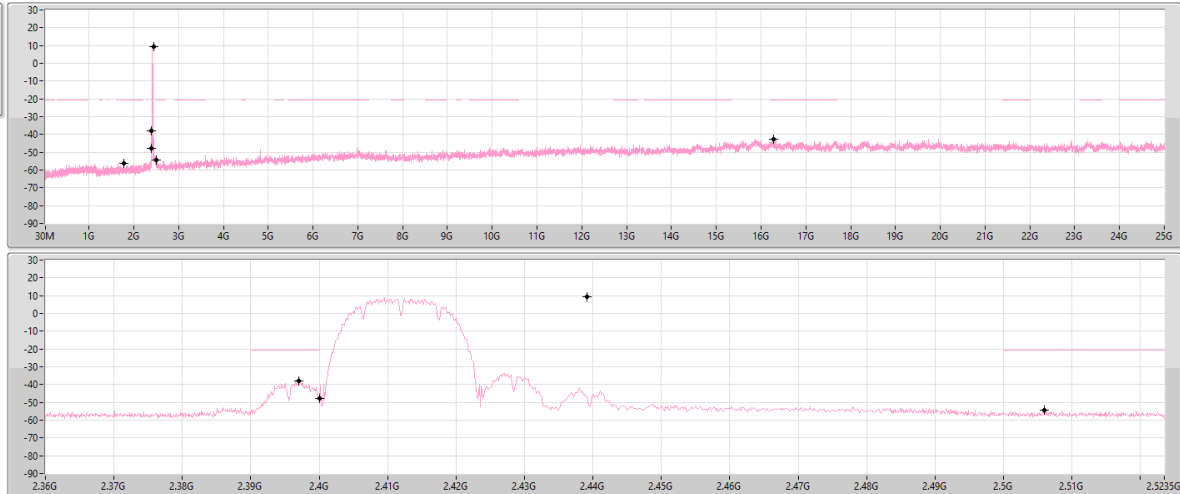
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

CSEndB

2412MHz

10/06/2025

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
2.43908G	9.45	-20.55	1.7775G	-56.03	2.39704G	-37.79	2.4G	-47.76	2.50598G	-54.23	16.28755G	-42.60	2

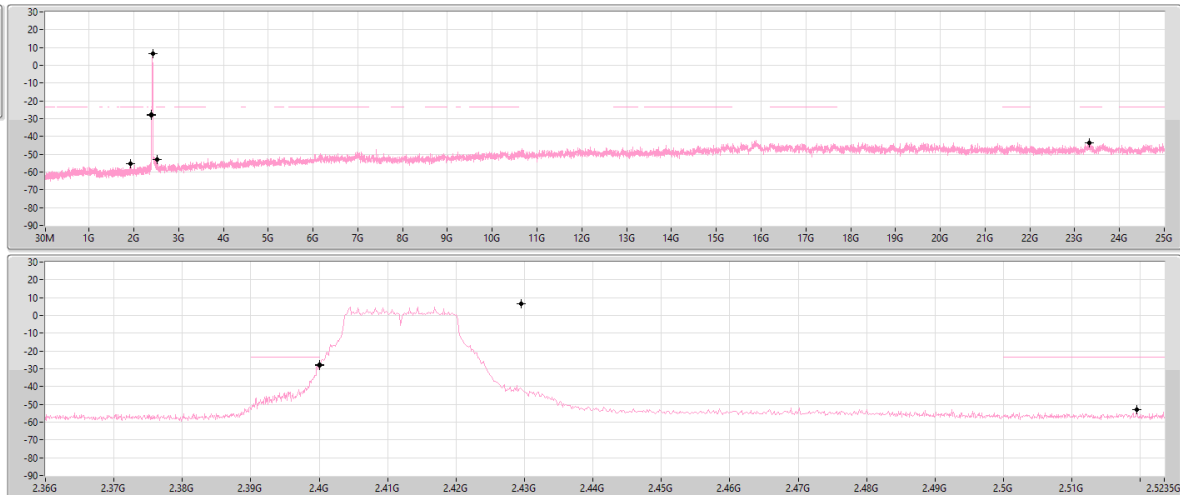
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

CSEndB

2412MHz

11/06/2025

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
2.42956G	6.49	-23.51	1.92196G	-55.35	2.4G	-27.95	2.4G	-27.80	2.5195G	-53.12	23.32269G	-43.41	2

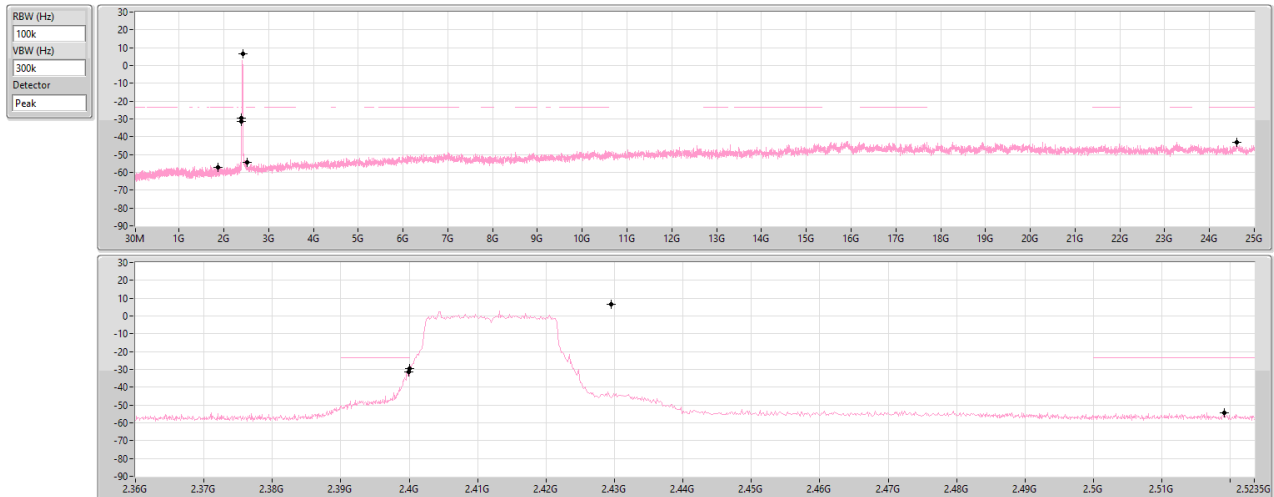
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

CSEndB

2412MHz

11/06/2025

Port 2



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
2.42956G	6.49	-23.51	1.86604G	-57.11	2.39992G	-31.57	2.4G	-29.67	2.5191G	-54.36	2.461228G	-43.02	2



**CSE (NdB Down)_Non-Beamforming_
Radio 3_Patch Array_2T1S**

Appendix E.9

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	Pass	2.43858G	7.84	-22.16	1.93128G	-56.37	2.39704G	-41.80	2.4G	-53.19	2.51398G	-54.24	16.23417G	-42.76	2
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	Pass	2.43073G	6.46	-23.54	2.30525G	-55.88	2.4G	-31.49	2.4G	-29.52	2.51078G	-54.71	15.27049G	-42.73	2
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	2.42956G	6.49	-23.51	797.74M	-56.29	2.39944G	-33.28	2.4G	-32.10	2.5035G	-54.04	17.67547G	-42.40	3

Result

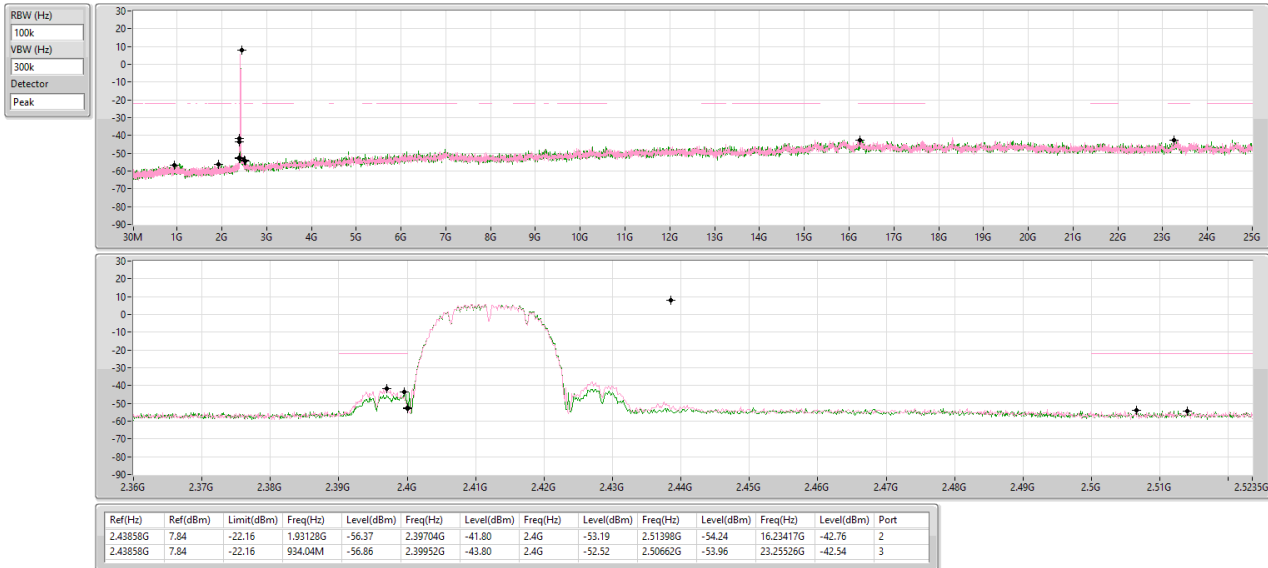
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43858G	7.84	-22.16	1.93128G	-56.37	2.39704G	-41.80	2.4G	-53.19	2.51398G	-54.24	16.23417G	-42.76	2
2412MHz	Pass	2.43858G	7.84	-22.16	934.04M	-56.86	2.39952G	-43.80	2.4G	-52.52	2.50662G	-53.96	23.25526G	-42.54	3
2437MHz	Pass	2.43858G	7.84	-22.16	1.97788G	-56.23	2.39744G	-52.99	2.4G	-53.71	2.51214G	-54.35	15.16372G	-42.51	2
2437MHz	Pass	2.43858G	7.84	-22.16	2.30641G	-55.71	2.3984G	-51.95	2.4G	-52.58	2.5223G	-53.07	23.27493G	-43.50	3
2462MHz	Pass	2.43858G	7.84	-22.16	941.03M	-55.53	2.39688G	-53.74	2.4G	-55.74	2.50438G	-54.63	16.2735G	-41.18	2
2462MHz	Pass	2.43858G	7.84	-22.16	1.88352G	-56.21	2.39448G	-53.36	2.4G	-55.68	2.50566G	-54.36	15.22272G	-42.80	3
802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	6.46	-23.54	2.30525G	-55.88	2.4G	-31.49	2.4G	-29.52	2.51078G	-54.71	15.27049G	-42.73	2
2412MHz	Pass	2.43073G	6.46	-23.54	2.19224G	-56.54	2.39992G	-31.21	2.4G	-31.51	2.5171G	-54.29	16.54884G	-43.02	3
2437MHz	Pass	2.43073G	6.46	-23.54	2.07691G	-56.93	2.39064G	-53.34	2.4G	-55.39	2.5031G	-53.86	17.61928G	-43.45	2
2437MHz	Pass	2.43073G	6.46	-23.54	2.30874G	-55.42	2.39336G	-51.80	2.4G	-53.53	2.52062G	-54.67	16.42241G	-43.09	3
2462MHz	Pass	2.43073G	6.46	-23.54	2.15729G	-56.34	2.3956G	-53.87	2.4G	-54.93	2.52046G	-54.48	16.2454G	-43.17	2
2462MHz	Pass	2.43073G	6.46	-23.54	2.127G	-55.98	2.39152G	-53.64	2.4G	-53.72	2.5203G	-54.17	16.57131G	-42.45	3
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.42956G	6.49	-23.51	2.03264G	-56.52	2.39992G	-33.45	2.4G	-34.00	2.51758G	-54.47	16.25664G	-43.29	2
2412MHz	Pass	2.42956G	6.49	-23.51	797.74M	-56.29	2.39944G	-33.28	2.4G	-32.10	2.5035G	-54.04	17.67547G	-42.40	3
2437MHz	Pass	2.42956G	6.49	-23.51	2.1771G	-56.29	2.39632G	-53.14	2.4G	-52.97	2.50726G	-54.43	15.20025G	-42.92	2
2437MHz	Pass	2.42956G	6.49	-23.51	2.13865G	-55.50	2.39968G	-52.13	2.4G	-53.83	2.51838G	-53.75	16.23136G	-42.64	3
2462MHz	Pass	2.42956G	6.49	-23.51	2.30758G	-55.82	2.39824G	-54.12	2.4G	-56.30	2.52062G	-53.01	16.27631G	-43.03	2
2462MHz	Pass	2.42956G	6.49	-23.51	2.11302G	-56.45	2.3988G	-54.27	2.4G	-56.73	2.5199G	-55.16	17.54342G	-43.35	3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX(Port2&Port3)

CSEndB

2412MHz

10/06/2025

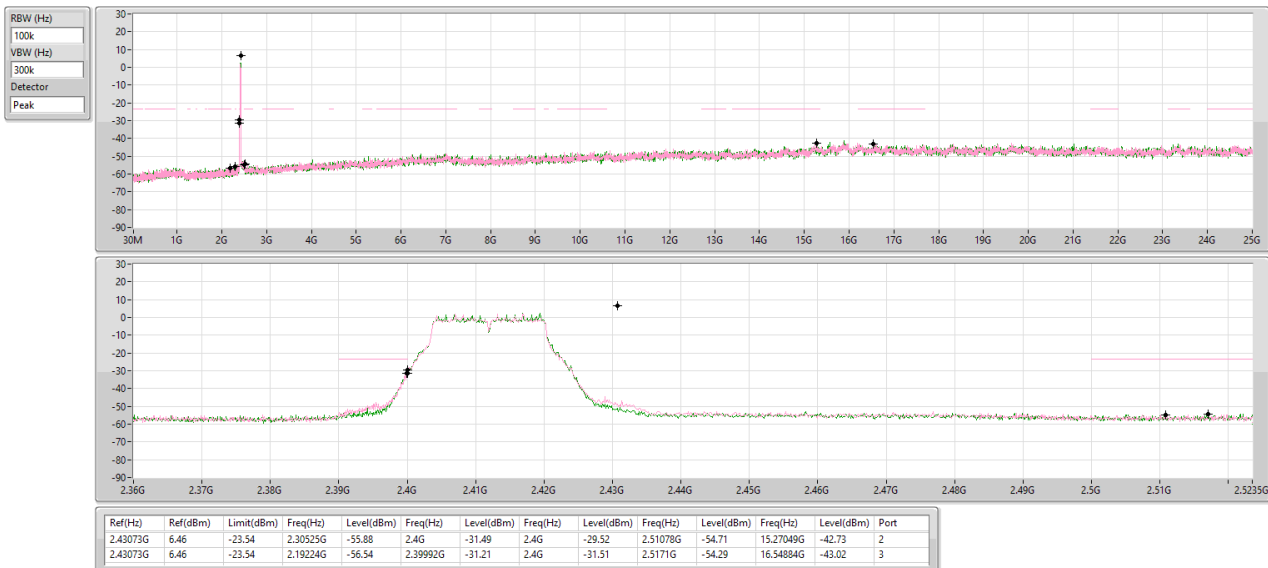


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX(Port2&Port3)

CSEndB

2412MHz

11/06/2025





2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

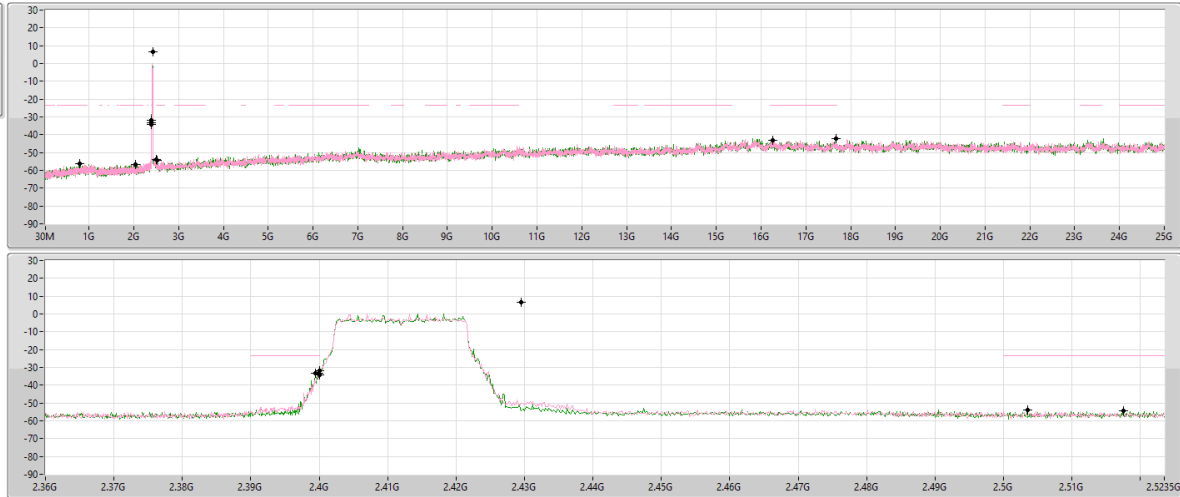
CSEndB

2412MHz

11/06/2025

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

Port 2
Port 3



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
2.42956G	6.49	-23.51	2.03264G	-56.52	2.39992G	-33.45	2.4G	-34.00	2.51758G	-54.47	16.25664G	-43.29	2
2.42956G	6.49	-23.51	797.74M	-56.29	2.39944G	-33.28	2.4G	-32.10	2.5035G	-54.04	17.67547G	-42.40	3



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.40952G	0.02	-29.98	1.99186G	-56.82	2.39992G	-47.76	2.4G	-49.23	2.51454G	-54.47	16.96465G	-42.83	4
802.11g_Nss1,(6Mbps)_4TX	Pass	2.44208G	-0.87	-30.87	1.9907G	-56.43	2.4G	-35.01	2.4G	-32.00	2.50174G	-54.54	23.33955G	-43.21	4
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	2.44442G	-1.86	-31.86	1.81828G	-56.40	2.39952G	-34.68	2.4G	-34.13	2.50414G	-53.81	16.3044G	-43.29	4

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.40952G	0.02	-29.98	1.98254G	-55.55	2.3996G	-51.49	2.4G	-54.98	2.50222G	-53.74	16.29598G	-43.18	1
2412MHz	Pass	2.40952G	0.02	-29.98	2.30641G	-55.80	2.39984G	-50.61	2.4G	-57.00	2.5047G	-53.37	16.28474G	-42.69	2
2412MHz	Pass	2.40952G	0.02	-29.98	845.5M	-55.17	2.39952G	-50.06	2.4G	-54.40	2.50054G	-53.89	17.60523G	-42.25	3
2412MHz	Pass	2.40952G	0.02	-29.98	1.99186G	-56.82	2.39992G	-47.76	2.4G	-49.23	2.51454G	-54.47	16.96465G	-42.83	4
2437MHz	Pass	2.40952G	0.02	-29.98	2.30758G	-56.63	2.39752G	-54.47	2.4G	-55.41	2.5063G	-54.24	17.6249G	-42.06	1
2437MHz	Pass	2.40952G	0.02	-29.98	2.30874G	-55.93	2.39704G	-54.71	2.4G	-56.62	2.50102G	-54.23	16.22293G	-42.77	2
2437MHz	Pass	2.40952G	0.02	-29.98	1.96274G	-56.63	2.39496G	-53.95	2.4G	-56.61	2.50558G	-54.71	16.25102G	-42.77	3
2437MHz	Pass	2.40952G	0.02	-29.98	1.93012G	-56.01	2.39592G	-54.48	2.4G	-56.97	2.50102G	-54.12	17.61085G	-43.55	4
2462MHz	Pass	2.40952G	0.02	-29.98	2.30641G	-56.25	2.39944G	-54.21	2.4G	-57.36	2.51286G	-54.85	23.28898G	-42.96	1
2462MHz	Pass	2.40952G	0.02	-29.98	2.30525G	-55.96	2.39216G	-54.60	2.4G	-56.08	2.51046G	-54.75	16.58255G	-42.72	2
2462MHz	Pass	2.40952G	0.02	-29.98	1.98254G	-55.34	2.39496G	-54.66	2.4G	-56.34	2.50526G	-53.43	17.58837G	-42.70	3
2462MHz	Pass	2.40952G	0.02	-29.98	2.16079G	-56.20	2.39336G	-54.27	2.4G	-56.77	2.51958G	-54.08	17.22594G	-42.42	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	-0.87	-30.87	682.4M	-56.19	2.4G	-34.24	2.4G	-34.33	2.50694G	-54.23	17.62209G	-43.11	1
2412MHz	Pass	2.44208G	-0.87	-30.87	885.11M	-55.75	2.39984G	-34.58	2.4G	-34.42	2.51526G	-54.81	16.25664G	-42.79	2
2412MHz	Pass	2.44208G	-0.87	-30.87	2.30175G	-55.96	2.39992G	-33.71	2.4G	-33.21	2.50022G	-54.37	17.52937G	-43.29	3
2412MHz	Pass	2.44208G	-0.87	-30.87	1.9907G	-56.43	2.4G	-35.01	2.4G	-32.00	2.50174G	-54.54	23.33955G	-43.21	4
2437MHz	Pass	2.44208G	-0.87	-30.87	2.14331G	-55.91	2.39192G	-53.59	2.4G	-57.03	2.52078G	-54.67	16.55446G	-42.48	1
2437MHz	Pass	2.44208G	-0.87	-30.87	1.99303G	-56.68	2.39976G	-54.72	2.4G	-57.38	2.5015G	-54.56	23.29741G	-42.41	2
2437MHz	Pass	2.44208G	-0.87	-30.87	1.77634G	-56.16	2.39984G	-54.39	2.4G	-55.64	2.50014G	-54.16	23.57836G	-42.95	3
2437MHz	Pass	2.44208G	-0.87	-30.87	1.87303G	-55.22	2.39312G	-54.76	2.4G	-56.80	2.51718G	-53.52	16.29036G	-42.10	4
2462MHz	Pass	2.44208G	-0.87	-30.87	1.75187G	-56.58	2.39704G	-54.19	2.4G	-56.83	2.50366G	-54.26	16.58536G	-42.91	1
2462MHz	Pass	2.44208G	-0.87	-30.87	2.1072G	-55.61	2.39112G	-54.08	2.4G	-55.53	2.51486G	-54.15	15.25082G	-42.68	2
2462MHz	Pass	2.44208G	-0.87	-30.87	949.19M	-56.40	2.39344G	-53.90	2.4G	-56.06	2.50206G	-54.17	24.59823G	-42.58	3
2462MHz	Pass	2.44208G	-0.87	-30.87	1.89167G	-56.05	2.39472G	-55.04	2.4G	-57.25	2.5175G	-54.61	16.31283G	-43.21	4
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44442G	-1.86	-31.86	944.53M	-56.00	2.4G	-36.95	2.4G	-35.45	2.50918G	-54.76	17.61366G	-42.98	1
2412MHz	Pass	2.44442G	-1.86	-31.86	2.17826G	-56.11	2.4G	-37.44	2.4G	-36.15	2.51638G	-54.17	16.2454G	-42.75	2
2412MHz	Pass	2.44442G	-1.86	-31.86	2.16312G	-55.98	2.39952G	-34.15	2.4G	-34.79	2.5167G	-54.30	24.96067G	-43.27	3
2412MHz	Pass	2.44442G	-1.86	-31.86	1.81828G	-56.40	2.39952G	-34.68	2.4G	-34.13	2.50414G	-53.81	16.3044G	-43.29	4
2437MHz	Pass	2.43958G	-2.03	-32.03	2.01749G	-55.70	2.39816G	-54.45	2.4G	-55.63	2.50518G	-54.20	23.33674G	-43.56	1
2437MHz	Pass	2.43958G	-2.03	-32.03	2.18292G	-55.97	2.39544G	-54.24	2.4G	-56.54	2.50734G	-54.68	16.60784G	-41.95	2
2437MHz	Pass	2.43958G	-2.03	-32.03	1.96157G	-55.89	2.39704G	-53.92	2.4G	-55.40	2.52302G	-54.61	15.22834G	-43.02	3
2437MHz	Pass	2.43958G	-2.03	-32.03	909.58M	-56.53	2.39592G	-55.06	2.4G	-56.62	2.51742G	-54.71	16.57974G	-43.71	4
2462MHz	Pass	2.44442G	-1.20	-31.20	1.96274G	-56.59	2.39816G	-55.25	2.4G	-56.50	2.5083G	-54.43	16.32969G	-43.02	1
2462MHz	Pass	2.44442G	-1.20	-31.20	2.09904G	-55.96	2.39712G	-55.31	2.4G	-57.21	2.50558G	-53.38	16.20607G	-42.97	2
2462MHz	Pass	2.44442G	-1.20	-31.20	929.38M	-57.03	2.39288G	-54.97	2.4G	-56.52	2.52206G	-54.34	16.22293G	-42.65	3
2462MHz	Pass	2.44442G	-1.20	-31.20	2.30991G	-55.39	2.3984G	-55.27	2.4G	-56.93	2.52302G	-54.37	21.592G	-42.09	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

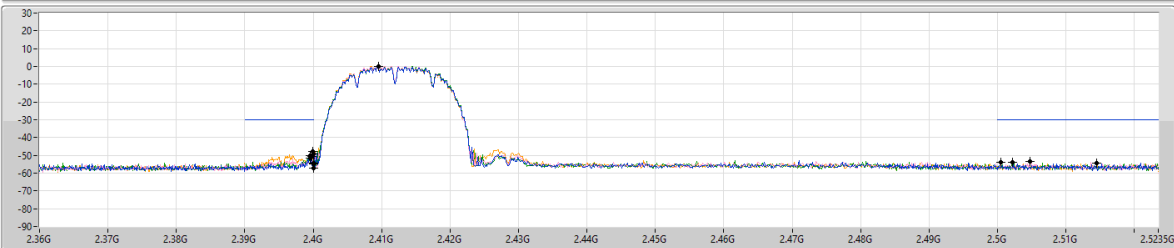
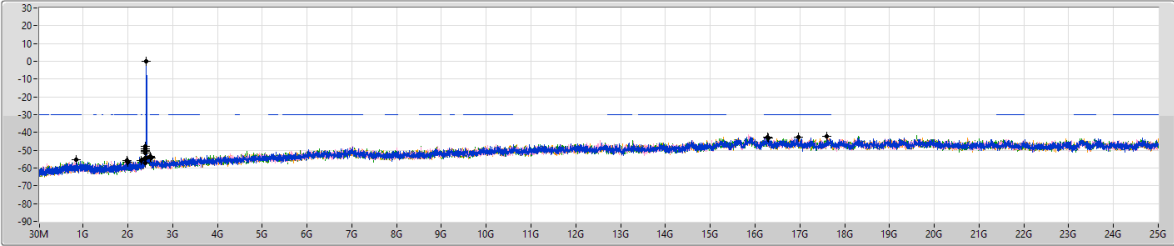
CSEndB

2412MHz

09/06/2025

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

Port 1
Port 2
Port 3
Port 4



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
2.40952G	0.02	-29.98	1.98254G	-55.55	2.3996G	-51.49	2.4G	-54.98	2.50222G	-53.74	16.29598G	-43.18	1
2.40952G	0.02	-29.98	2.30641G	-55.80	2.39984G	-50.61	2.4G	-57.00	2.5047G	-53.37	16.28474G	-42.69	2
2.40952G	0.02	-29.98	845.3M	-55.17	2.39952G	-50.06	2.4G	-54.40	2.50054G	-53.89	17.60523G	-42.25	3
2.40952G	0.02	-29.98	1.99186G	-56.82	2.39992G	-47.76	2.4G	-49.23	2.51454G	-54.47	16.96465G	-42.83	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

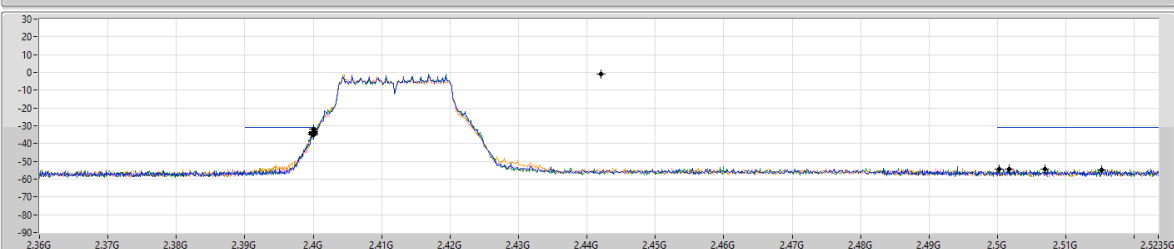
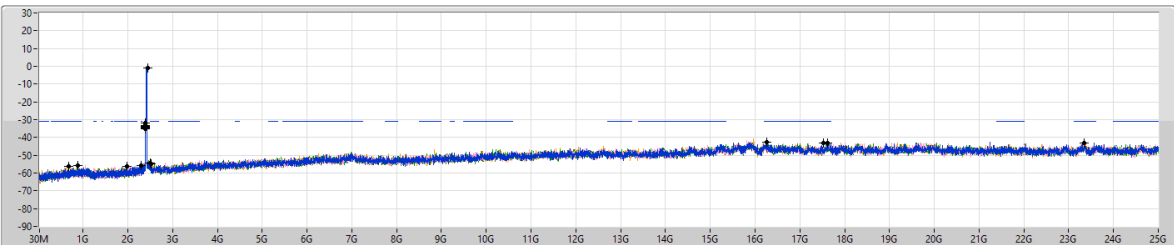
CSEndB

2412MHz

09/06/2025

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

Port 1
Port 2
Port 3
Port 4



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	-0.87	-30.87	682.4M	-56.19	2.4G	-34.24	2.4G	-34.33	2.50694G	-54.23	17.62209G	-43.11	1
2.44208G	-0.87	-30.87	885.11M	-55.75	2.39984G	-34.58	2.4G	-34.42	2.51526G	-54.81	16.25664G	-42.79	2
2.44208G	-0.87	-30.87	2.30175G	-55.96	2.39992G	-33.71	2.4G	-33.21	2.50022G	-54.37	17.52937G	-43.29	3
2.44208G	-0.87	-30.87	1.9907G	-56.43	2.4G	-35.01	2.4G	-32.00	2.50174G	-54.54	23.33955G	-43.21	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

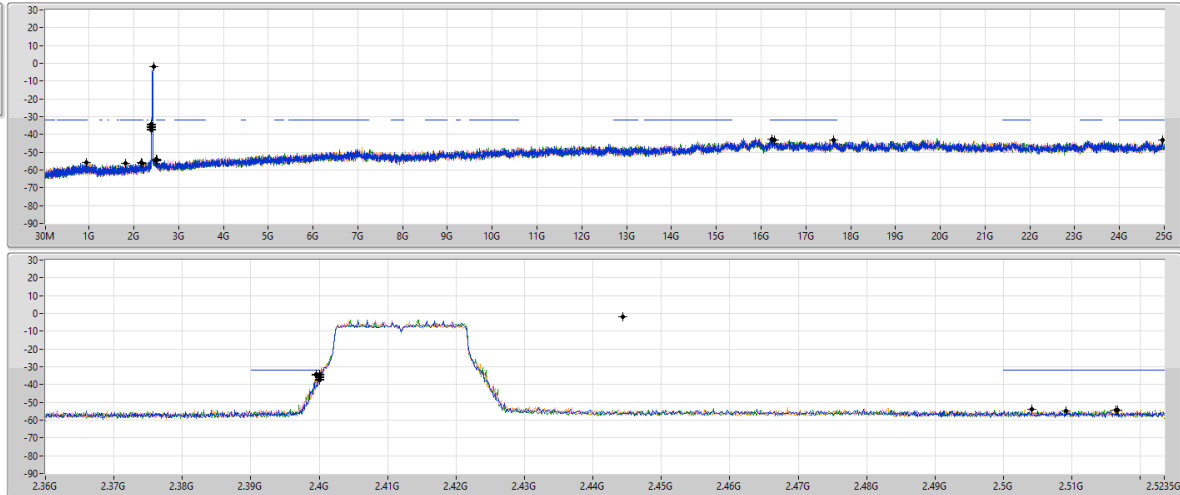
CSEndB

2412MHz

10/06/2025

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

Port 1
Port 2
Port 3
Port 4



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
2.44442G	-1.86	-31.86	944.53M	-56.00	2.4G	-36.95	2.4G	-35.45	2.50918G	-54.76	17.61366G	-42.98	1
2.44442G	-1.86	-31.86	2.17826G	-56.11	2.4G	-37.44	2.4G	-36.15	2.51638G	-54.17	16.2454G	-42.75	2
2.44442G	-1.86	-31.86	2.16312G	-55.98	2.39952G	-34.15	2.4G	-34.79	2.5167G	-54.30	24.96067G	-43.27	3
2.44442G	-1.86	-31.86	1.81828G	-56.40	2.39952G	-34.68	2.4G	-34.13	2.50414G	-53.81	16.3044G	-43.29	4



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	2.41136G	5.37	-24.63	817.54M	-55.87	2.39856G	-33.77	2.4G	-42.75	2.50198G	-53.85	16.86913G	-42.19	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	5.38	-24.62	809.39M	-56.75	2.39992G	-26.45	2.4G	-26.15	2.50606G	-53.95	16.25102G	-42.56	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43824G	5.28	-24.72	2.13865G	-55.76	2.3992G	-24.80	2.4G	-26.65	2.50006G	-53.92	15.3042G	-43.60	1



**CSE (NdB Down)_Non-Beamforming_
Scan Radio_Omnidirectional**

Appendix E.11

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	2.41136G	5.37	-24.63	817.54M	-55.87	2.39856G	-33.77	2.4G	-42.75	2.50198G	-53.85	16.86913G	-42.19	1
2437MHz	Pass	2.41136G	5.37	-24.63	2.14797G	-55.82	2.39936G	-51.28	2.4G	-52.58	2.5111G	-53.59	16.27631G	-42.53	1
2462MHz	Pass	2.41136G	5.37	-24.63	2.13632G	-56.18	2.39584G	-55.07	2.4G	-55.99	2.50054G	-54.03	17.64176G	-42.86	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	5.38	-24.62	809.39M	-56.75	2.39992G	-26.45	2.4G	-26.15	2.50606G	-53.95	16.25102G	-42.56	1
2437MHz	Pass	2.43824G	5.38	-24.62	2.1969G	-56.12	2.39832G	-50.57	2.4G	-52.07	2.50526G	-53.92	24.63195G	-42.49	1
2462MHz	Pass	2.43824G	5.38	-24.62	716.19M	-56.34	2.39888G	-54.76	2.4G	-56.22	2.50662G	-54.88	16.24259G	-42.56	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	5.28	-24.72	2.13865G	-55.76	2.3992G	-24.80	2.4G	-26.65	2.50006G	-53.92	15.3042G	-43.60	1
2437MHz	Pass	2.43824G	5.28	-24.72	775.6M	-56.21	2.39776G	-50.37	2.4G	-51.15	2.50806G	-54.00	23.59522G	-42.80	1
2462MHz	Pass	2.43824G	5.28	-24.72	2.09788G	-56.72	2.39936G	-55.67	2.4G	-57.03	2.50174G	-54.46	16.23978G	-42.68	1

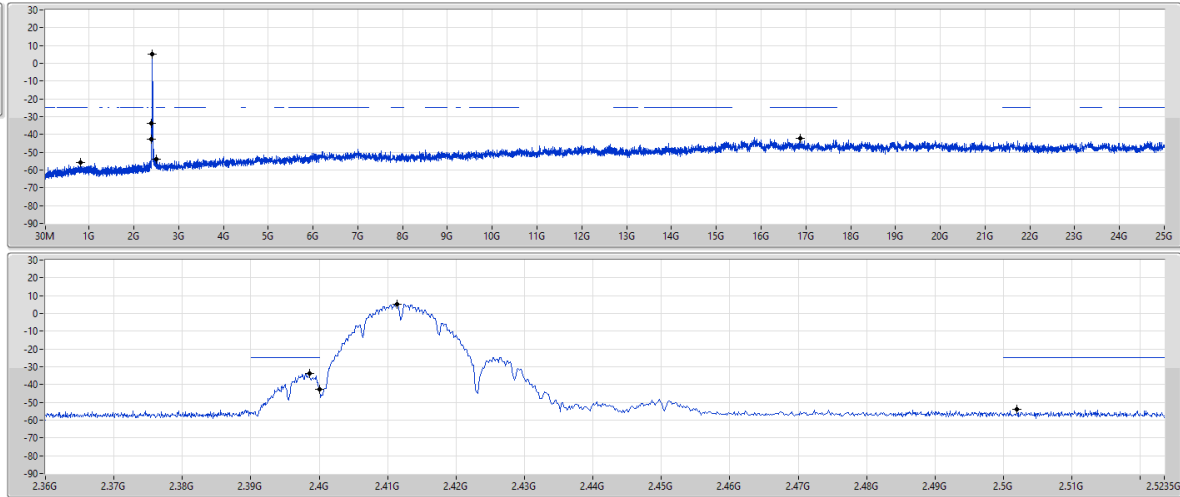
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

11/06/2025

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



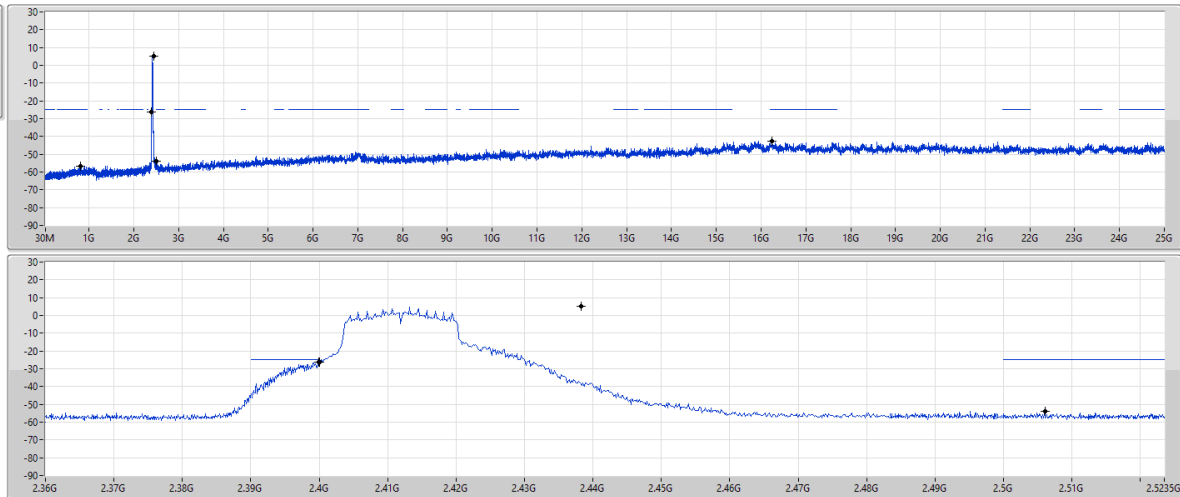
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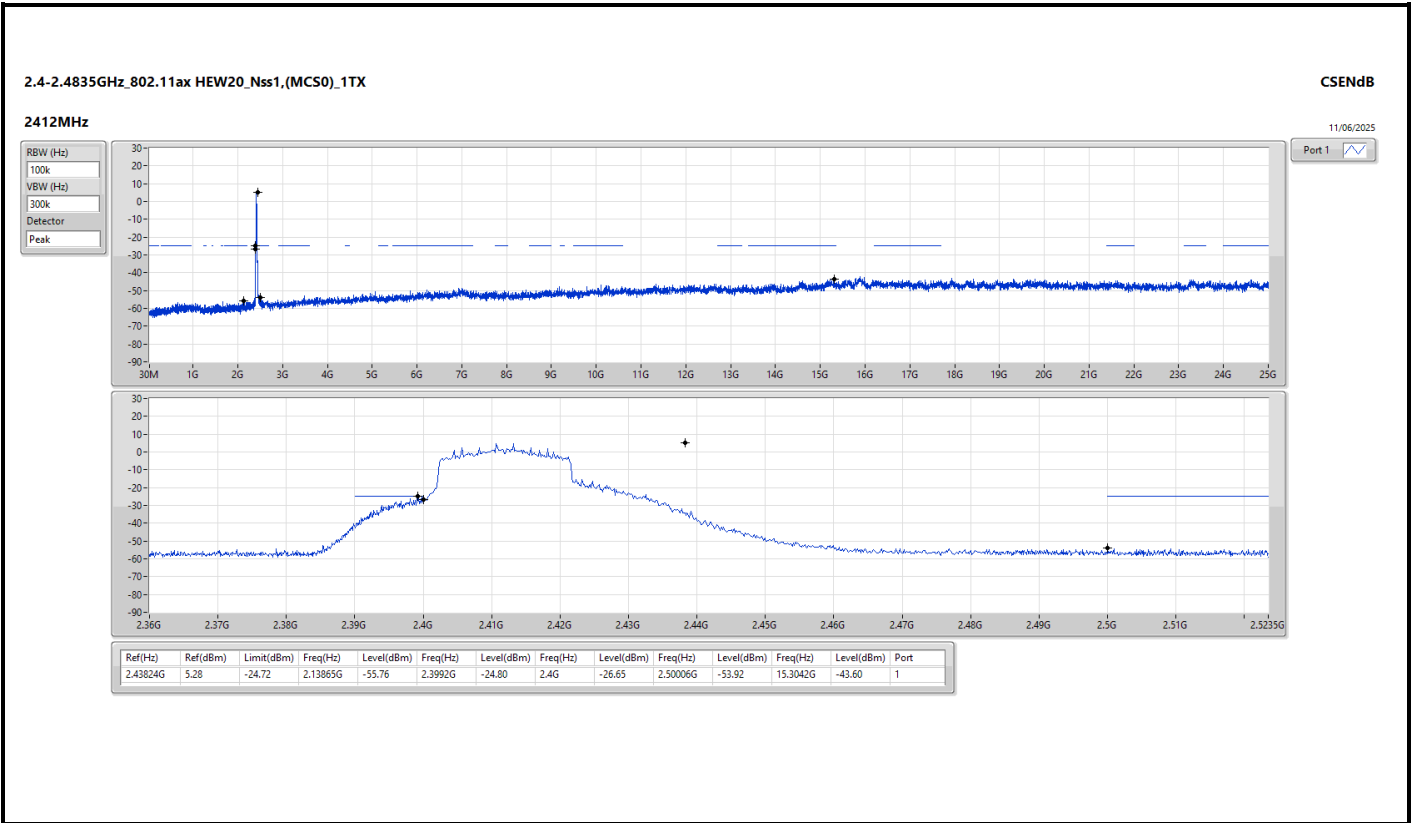
CSEndB

2412MHz

11/06/2025

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







**CSE (NdB Down)_Non-Beamforming_
Scan Radio_Patch Array**

Appendix E.12

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	2.41136G	5.37	-24.63	817.54M	-55.87	2.39856G	-33.77	2.4G	-42.75	2.50198G	-53.85	16.86913G	-42.19	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	5.38	-24.62	2.30525G	-56.36	2.39832G	-34.40	2.4G	-33.58	2.51022G	-54.35	24.59542G	-43.21	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43824G	5.28	-24.72	1.87653G	-56.54	2.39984G	-36.23	2.4G	-36.73	2.51438G	-54.11	16.23136G	-42.05	1



CSE (NdB Down)_Non-Beamforming_ Scan Radio_Patch Array

Appendix E.12

Result

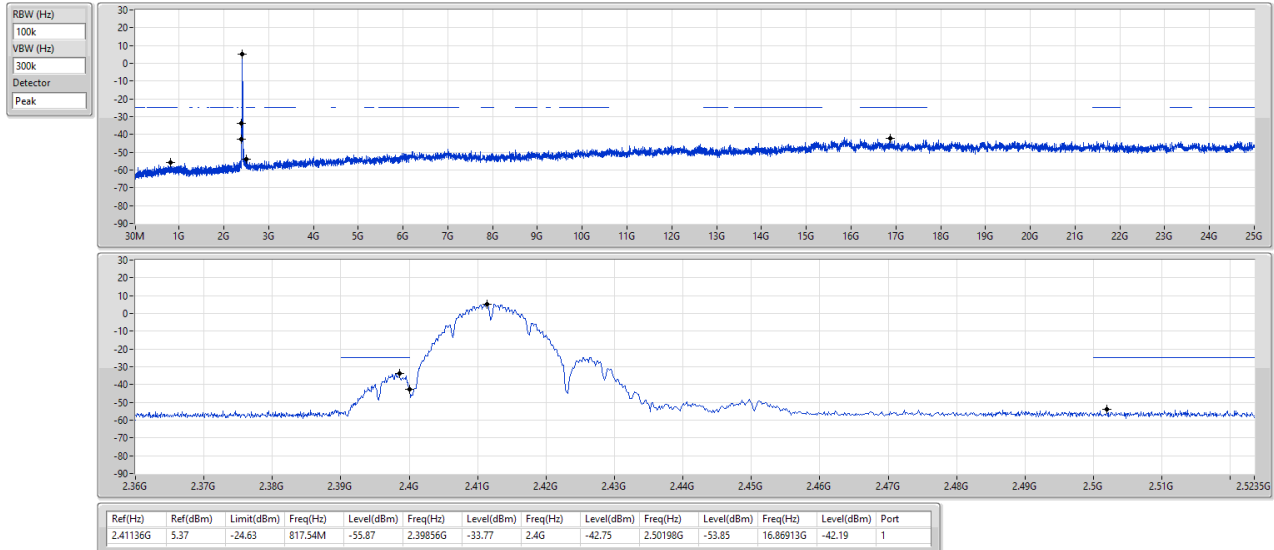
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41136G	5.37	-24.63	817.54M	-55.87	2.39856G	-33.77	2.4G	-42.75	2.50198G	-53.85	16.86913G	-42.19	1
2437MHz	Pass	2.41136G	5.37	-24.63	2.14797G	-55.82	2.39936G	-51.28	2.4G	-52.58	2.5111G	-53.59	16.27631G	-42.53	1
2462MHz	Pass	2.41136G	5.37	-24.63	925.89M	-56.08	2.39184G	-55.01	2.4G	-57.03	2.50438G	-54.31	16.23978G	-42.55	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	5.38	-24.62	2.30525G	-56.36	2.39832G	-34.40	2.4G	-33.58	2.51022G	-54.35	24.59542G	-43.21	1
2437MHz	Pass	2.43824G	5.38	-24.62	2.1969G	-56.12	2.39832G	-50.57	2.4G	-52.07	2.50526G	-53.92	24.63195G	-42.49	1
2462MHz	Pass	2.43824G	5.38	-24.62	2.09555G	-55.63	2.39392G	-54.03	2.4G	-56.31	2.51278G	-54.30	16.55165G	-42.70	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	5.28	-24.72	1.87653G	-56.54	2.39984G	-36.23	2.4G	-36.73	2.51438G	-54.11	16.23136G	-42.05	1
2437MHz	Pass	2.43824G	5.28	-24.72	775.6M	-56.21	2.39776G	-50.37	2.4G	-51.15	2.50806G	-54.00	23.59522G	-42.80	1
2462MHz	Pass	2.43824G	5.28	-24.72	1.95342G	-55.74	2.3952G	-55.63	2.4G	-56.69	2.51582G	-53.96	16.22012G	-42.33	1

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

CSEndB

2412MHz

11/06/2025

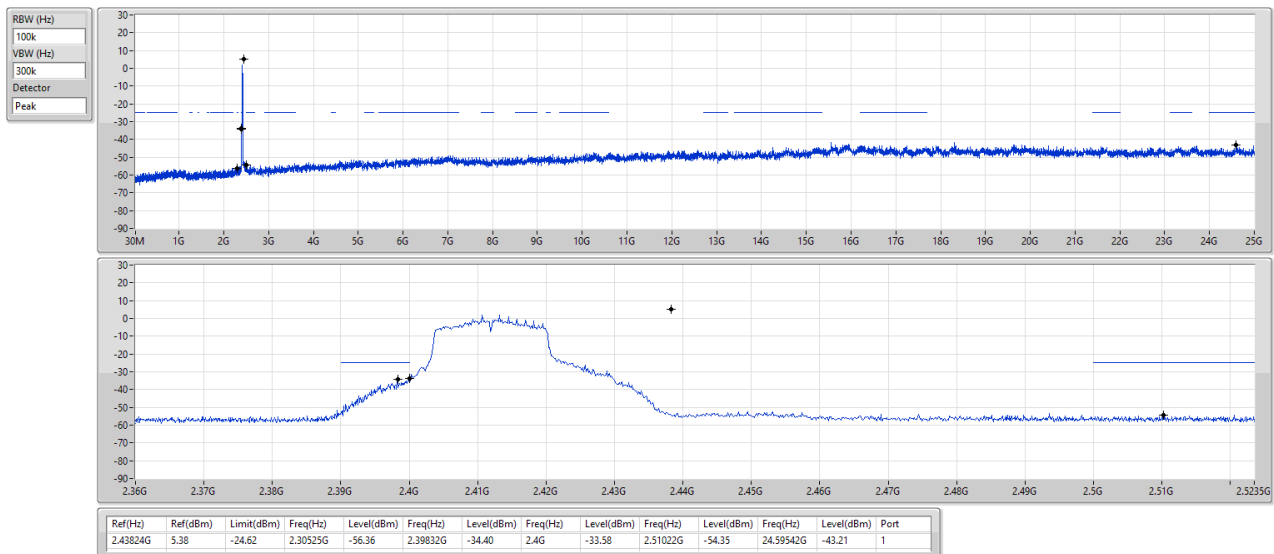


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

11/06/2025





2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

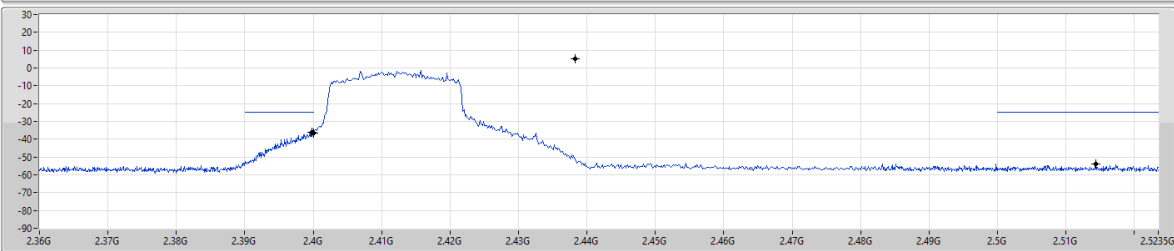
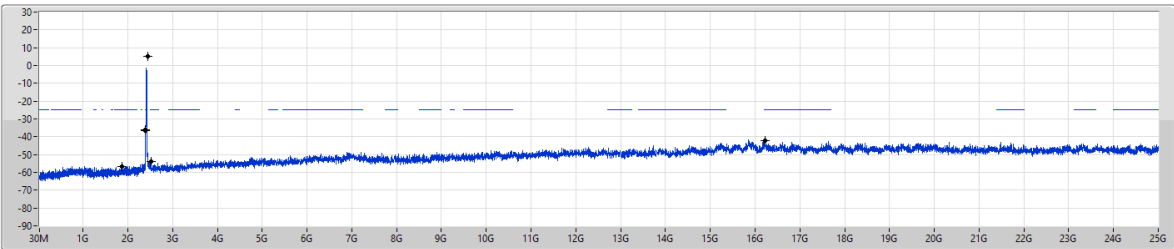
CSEndB

2412MHz

11/06/2025

Port 1

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
2.43824G	5.28	-24.72	1.87653G	-56.54	2.39984G	-36.23	2.4G	-36.73	2.51438G	-54.11	16.23136G	-42.05	1