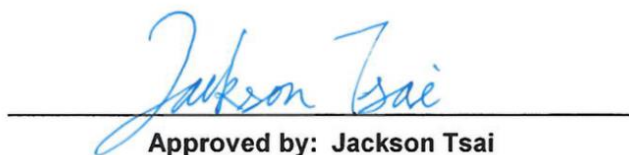


MIC Radio Test Report

Equipment : IEEE 802.11 a/b/g/n/ac 1T1R WLAN USB Dongle
Brand Name : AzureWave
Model Name : AW-CD110
Applicant : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist.,
New Taipei City , Taiwan 231
Manufacturer : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist.,
New Taipei City , Taiwan 231
Standard : MIC Certification Rule, Article 2 Paragraph 1 Item 19-3

The product was received on Aug. 24, 2021, and testing was started from Jan. 11, 2022 and completed on Jan. 11, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in Test method temporarily determined by TELEC and shown compliance with the applicable MIC Ordinance Regulating Radio Equipment Article 49.20 and ARIB STD-T71 technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

Table of Contents

1	GENERAL DESCRIPTION	5
1.1	Information.....	5
1.2	Testing Applied Standards	9
1.3	Testing Location Information	9
1.4	Measurement Uncertainty	9
2	TEST CONFIGURATION OF EUT.....	10
2.1	Test Condition	10
2.2	Test Channel Mode	10
2.3	The Worst Case Measurement Configuration.....	11
2.4	Accessories	11
2.5	Support Equipment.....	11
2.6	Test Setup Diagram	12
3	TEST RESULT	13
3.1	Frequency Error.....	13
3.2	Occupied Bandwidth	14
3.3	Antenna Power, Antenna Power Error and EIRP Power	15
3.4	Adjacent Channel Power	17
3.5	Unwanted Emission Strength	18
3.6	Receiver Spurious Emissions.....	24
3.7	Identification Code.....	25
3.8	Transmission Burst Length.....	26
3.9	Carrier Sense	27
3.10	EUT Construction Protection.....	28
3.11	Transmit Power Control (TPC).....	29
4	TEST EQUIPMENT AND CALIBRATION DATA	30
APPENDIX A. TEST RESULT OF FREQUENCY ERROR		
APPENDIX B. TEST RESULTS OF OCCUPIED BANDWIDTH		
APPENDIX C. TEST RESULTS OF ANTENNA POWER, ANTENNA POWER ERROR AND EIRP POWER		
APPENDIX D. TEST RESULTS OF ADJACENT CHANNEL POWER		
APPENDIX E. TEST RESULT OF UNWANTED EMISSION STRENGTH		
APPENDIX F. TEST RESULTS OF RECEIVER SPURIOUS EMISSIONS		
APPENDIX G. TEST RESULT OF TRANSMISSION BURST LENGTH		
APPENDIX H. TEST RESULT OF CARRIER SENSE		
APPENDIX I. TEST RESULT OF TRANSMIT POWER CONTROL (TPC)		
APPENDIX J. TEST PHOTOS		
PHOTOGRAPHS OF EUT V01		

History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.7	ORE:49.20	Communication Method	PASS	-
1.1.7	ORE:49.20	Modulation Method	PASS	-
1.1.7	ORE:49.20	Signal Transmission Rate	PASS	-
1.1.1	RLE:6	Frequency Band	PASS	-
3.1	ORE:5	Frequency Error	PASS	-
3.2	ORE:6	Occupied Bandwidth	PASS	-
3.3	ORE:49.20	Antenna Power, EIRP Power	PASS	-
3.3	ORE:14	Antenna Power Error	PASS	-
3.4	ORE:49.20	Adjacent Channel Power	PASS	-
3.5	ORE:49.20	Unwanted Emission Strength	PASS	-
3.6	ORE:24	Receiver Spurious Emissions	PASS	-
3.7	TR:9	Identification Code	PASS	-
3.8	ORE:49.20	Transmission Burst Length	PASS	-
3.9	TR:9	Carrier Sense	PASS	-
3.10	ORE:49.20	EUT Construction Protection	PASS	-
3.11	ORE:49.20	Transmit Power Control (TPC)	PASS	-
RLE: Radio Law Enforcement Regulations ORE: Ordinance Regulating Radio Equipment TR: Terminal and Other Equipment Regulations NT: Notification of the Ministry of Internal Affairs and Communications				

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:
None

Reviewed by: Sam Tsai

Report Producer: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

RF General Information for Category XA (W52/W53/W56)				
Frequency Range (MHz)	IEEE Std. 802.11 Protocol	Ch. Frequency (MHz)	Channel Number	Declared Power (mW/MHz)
5150-5250	a	5180-5240	36-48 [4]	4.36516
5250-5350		5260-5320	52-64 [4]	
5470-5730		5500-5700	100-140 [11]	5.59758
5150-5250	n (HT20) , ac (VHT20)	5180-5240	36-48 [4]	4.36516
5250-5350		5260-5320	52-64 [4]	
5470-5730		5500-5700	100-140 [11]	5.59758
5150-5250	n (HT40) , ac (VHT40)	5190-5230	38-46 [2]	2.08930
5250-5350		5270-5310	54-62 [2]	
5470-5730		5510-5670	102-134 [5]	2.39883
5150-5250	ac (VHT80)	5210	42 [1]	1.06414
5250-5350		5290	58 [1]	1.06414
5470-5730		5530-5610	106-122 [2]	1.19674

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.47-5.73GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.25-5.35GHz	802.11ac VHT20	20	1TX
5.47-5.73GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.25-5.35GHz	802.11ac VHT40	40	1TX
5.47-5.73GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.25-5.35GHz	802.11ac VHT80	80	1TX
5.47-5.73GHz	802.11ac VHT80	80	1TX

Note:

- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	LYNwave	3110	PIFA	N/A

Ant.	Gain (dBi)	
	2.4G	5G
1	3.9	3.5

Note 1: The EUT has one antenna.

For 2.4GHz function:

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

Ant. 1 could transmit/receive.

For 5GHz function:

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

Ant. 1 could transmit/receive.

1.1.3 Type of EUT

Identify EUT	
MAC Address	C0:B4:34:2D:D9:BE
Operational Condition	
EUT Power Type	From Host System
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:

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)
802.11a_Nss1,(6Mbps)_1TX	1	0
802.11ac VHT20_Nss1,(MCS0)_1TX	1	0
802.11ac VHT40_Nss1,(MCS0)_1TX	1	0
802.11ac VHT80_Nss1,(MCS0)_1TX	1	0

1.1.5 Power Supply Voltage Fluctuation

Fluctuation	DC Input Power(V)	DC Output Power(V)	Variation(%)
Normal Vol	5	3.31	0%
High Vol	5.5	3.31	0%
Low Vol	4.5	3.31	0%

Note: Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage X 100 During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

1.1.6 DFS and TPC Information

The DFS Related Operating Mode(s) of the Equipment		
☐ Master		
☐ Slave with radar detection		
☒ Slave without radar detection		
Communication Mode	☒ IP Based	☐ Frame Based
Frequency Range (MHz)	TPC (Transmit Power Control)	Passive Scan
☒ 5250-5350	Yes	Yes
☒ 5470-5730	Yes	Yes

1.1.7 Type Specifications

No. 3 Type Specifications			
1 Communication Method	Semi-duplex		
2 Transmitter	(1) Rated Output	Refer test report clause 1.1.1 antenna power	
	(2) Freq. Range of Radio Wave	Refer test report clause 1.1.1 frequency band	
	(3) Oscillation	Synthesizer with Crystal Oscillation (40MHz) (Zero IF)	
	(4) Modulation	OFDM: D1D (16QAM,64QAM,256QAM), Signal Transmission Rate: 11a : 6 – 54Mbps 11n HT20 MCS0 – MCS7 11n HT40 MCS0 – MCS7 11ac VHT20 MCS0 – MCS8 11ac VHT40 MCS0 – MCS9 11ac VHT80 MCS0 – MCS9	
3 Manufacturer (Brand) Information	Manufacturer (Brand)	Model Type or Name	Serial Number
	AzureWave	AW-CD110	N/A
4 Antenna	Type, Structure, Gain refer antenna report and test report clause 1.1.2.		
5 Classification and Model Name of Auxiliary Equipment	Protection Against Interference Automatic Transmission/reception of ID code (Radio equipment law article 9-4, item 9 is carrier sensing.		
6 Other Type Specifications Items	Other design specifications that are not mentioned under above item 1 to 5 all comply with the technical standard stipulated by the 3rd section of radio law.		
7 Attached Drawing	Radio Equipment System Diagram, Schematic Diagram, Layout		
8 Reference Information	Antenna Impedance : 50Ω		

1.2 Testing Applied Standards

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

- MIC Ordinance Regulating Radio Equipment Article 49.20

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

- Test method temporarily determined by TELEC

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 Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	20.8~26.2°C / 52~60%	11/Jan/2022

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))

Measurement Uncertainty for Conducted Test

Test Items	Uncertainty	Remark
Conducted Emission	± 0.19 dB	Confidence levels of 95%
Emission Bandwidth	± 5.0*10 ⁻⁸ MHz	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%

Parameter	Uncertainty
RF frequency	± 5.0*10 ⁻⁸
Power Spectral Density, conducted	± 1.0 dB
Supply voltages	± 0.41 %
RF power conducted	± 0.19 dB
RF power radiated	±3.3 dB
Spurious emissions, radiated	±3.3 dB
Humidity	± 3.4 %
Temperature	± 0.41 °C
Time	± 0.21 %
95% confidence level using a coverage factor of k=2	

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	5V

2.2 Test Channel Mode

Test Software Version	Linux LXTerminal
-----------------------	------------------

Note:

- ♦ Evaluated VHT20/VHT40/VHT80 mode only due to the similar modulation. The power setting of HT20/HT40 mode is the same or lower than VHT20/VHT40.

2.3 The Worst Case Measurement Configuration

Tests Item	Frequency Error, Occupied Bandwidth, Antenna Power, Antenna Power Error, EIRP Power, Adjacent Channel Power, Transmitter Out-band Emissions, Transmitter Spurious Emissions, Receiver Spurious Emissions, Transmission Burst Length, Identification Code, Carrier Sense, Transmit Power Control (TPC)
Test Condition	Conducted measurement at transmit chains.

2.4 Accessories

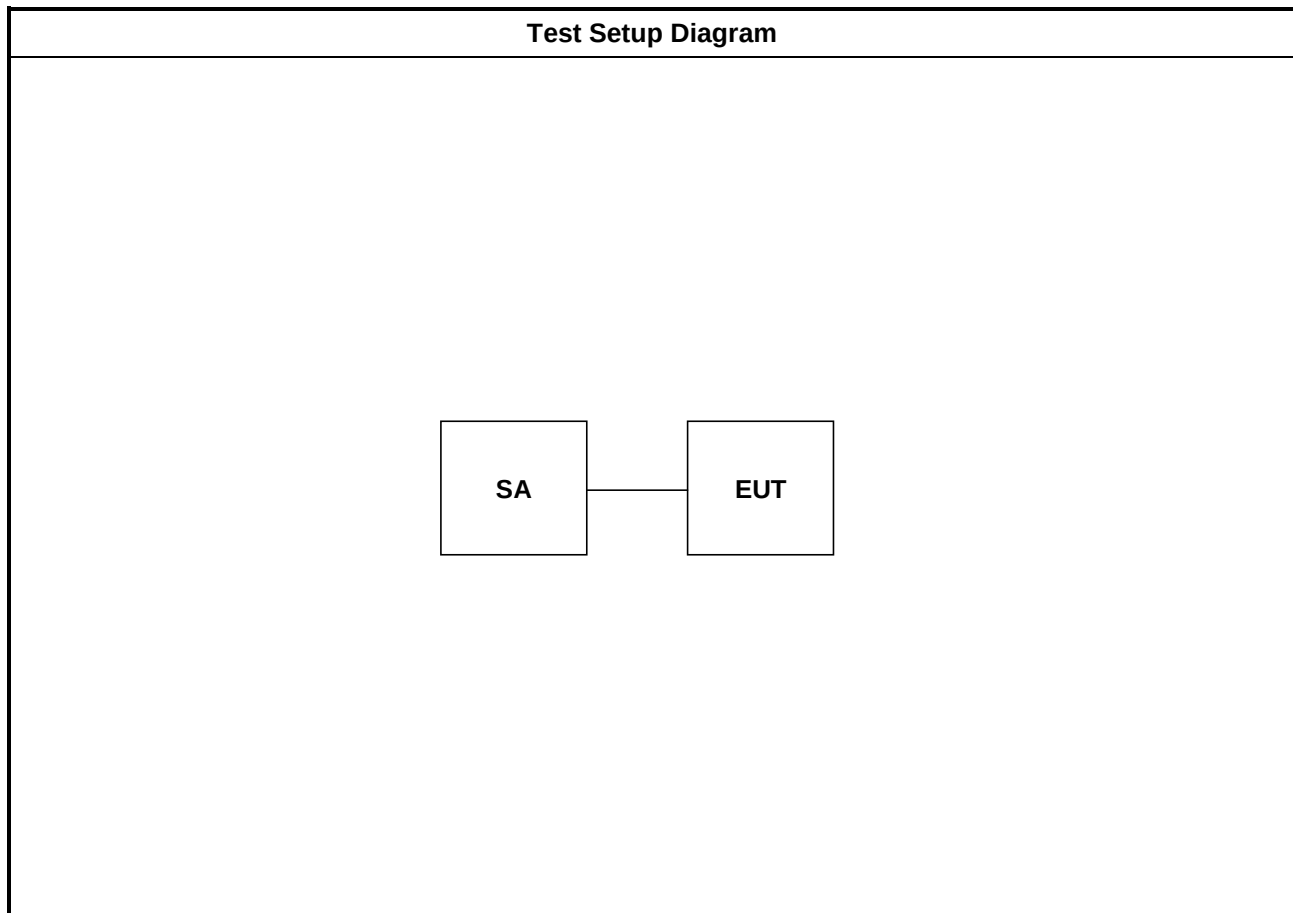
Accessories				
Extend the USB cable	Brand Name	Simula	Model Name	CB880C-5000-10D
	Signal Line	0.3 meter, shielded cable, w/o ferrite core		

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

2.5 Support Equipment

Support Equipment				
No.	Equipment	Brand Name	Model Name	Remark
1	LCD Monitor	DELL	P2815Qf	-
2	HDMI Cable	Sporton	Sporton	-
3	Type-C Cable	Hawk	04-HTE120	-
4	Adapter	NVIDIA	SPA011AU5W2	Provided by Customer

2.6 Test Setup Diagram



3 Test Result

3.1 Frequency Error

3.1.1 Frequency Error Limit

Frequency Error Limit
$\leq \pm 20$ ppm

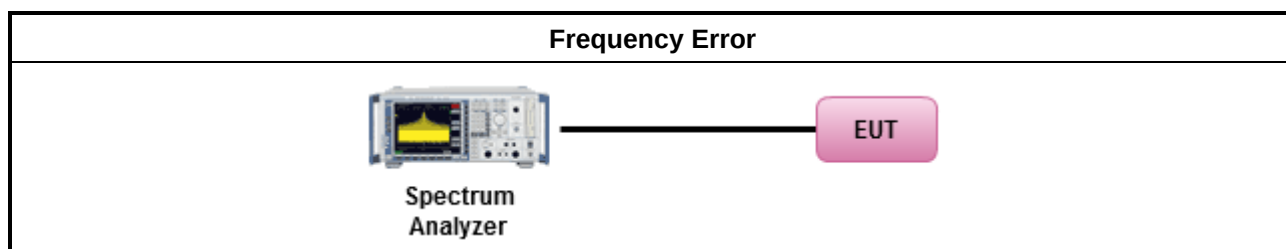
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.1.4 Test Setup



3.1.5 Test Result of Frequency Error

Refer as Appendix A

3.2 Occupied Bandwidth

3.2.1 Occupied Bandwidth Limit

Occupied Bandwidth Limit
(BWch 20MHz) $\leq$ 20MHz(OFDM) (BWch 20MHz) $\leq$ 18MHz(DSSS, Other); (BWch 40MHz) $\leq$ 40MHz (OFDM); (BWch 80MHz) $\leq$ 80MHz (OFDM); (BWch 160MHz - contiguous) $\leq$ 160MHz (OFDM) (BWch 80+80MHz - non-contiguous) $\leq$ 80MHz (OFDM)

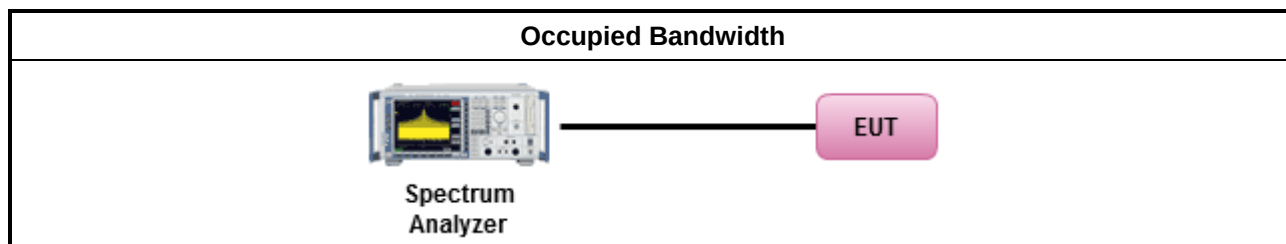
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
Test method temporarily determined by TELECOM

3.2.4 Test Setup



3.2.5 Test Result of Occupied Bandwidth

Refer as Appendix B

3.3 Antenna Power, Antenna Power Error and EIRP Power

3.3.1 Antenna Power, Antenna Power Error and EIRP Power Limit

Antenna Power Limit (mW/MHz)
W52/W53/W56: (BW _{ch} 20MHz) - ≤10; (BW _{ch} 40MHz) - ≤5; (BW _{ch} 80MHz) - ≤2.5; (BW _{ch} 80+80MHz) - ≤1.25; (BW _{ch} 160MHz) - ≤1.25

Antenna Power Error Limit (%)
W52/W53: +20% ~ -80%; W56: +50% ~ -50%

EIRP Limit (mW/MHz)
W52 (BW _{ch} 20MHz) ≤10; (BW _{ch} 40MHz) ≤5; (BW _{ch} 80MHz) ≤2.5; (BW _{ch} 80+80MHz) - ≤1.25; (BW _{ch} 160MHz) ≤1.25 W53 with TPC (BW _{ch} 20MHz) ≤10; (BW _{ch} 40MHz) ≤5; (BW _{ch} 80MHz) ≤2.5; (BW _{ch} 80+80MHz) - ≤1.25; (BW _{ch} 160MHz) ≤1.25 W53 w/o TPC (BW _{ch} 20MHz) ≤5; (BW _{ch} 40MHz) ≤2.5; (BW _{ch} 80MHz) ≤1.25; (BW _{ch} 80+80MHz) - ≤0.625; (BW _{ch} 160MHz) ≤0.625 W56 with TPC (BW _{ch} 20MHz) ≤50; (BW _{ch} 40MHz) ≤25; (BW _{ch} 80MHz) ≤12.5; (BW _{ch} 80+80MHz) - ≤1.25; (BW _{ch} 160MHz) ≤6.25 W56 w/o TPC (BW _{ch} 20MHz) ≤25; (BW _{ch} 40MHz) ≤12.5; (BW _{ch} 80MHz) ≤6.25; (BW _{ch} 80+80MHz) - ≤0.625; (BW _{ch} 160MHz) ≤3.125

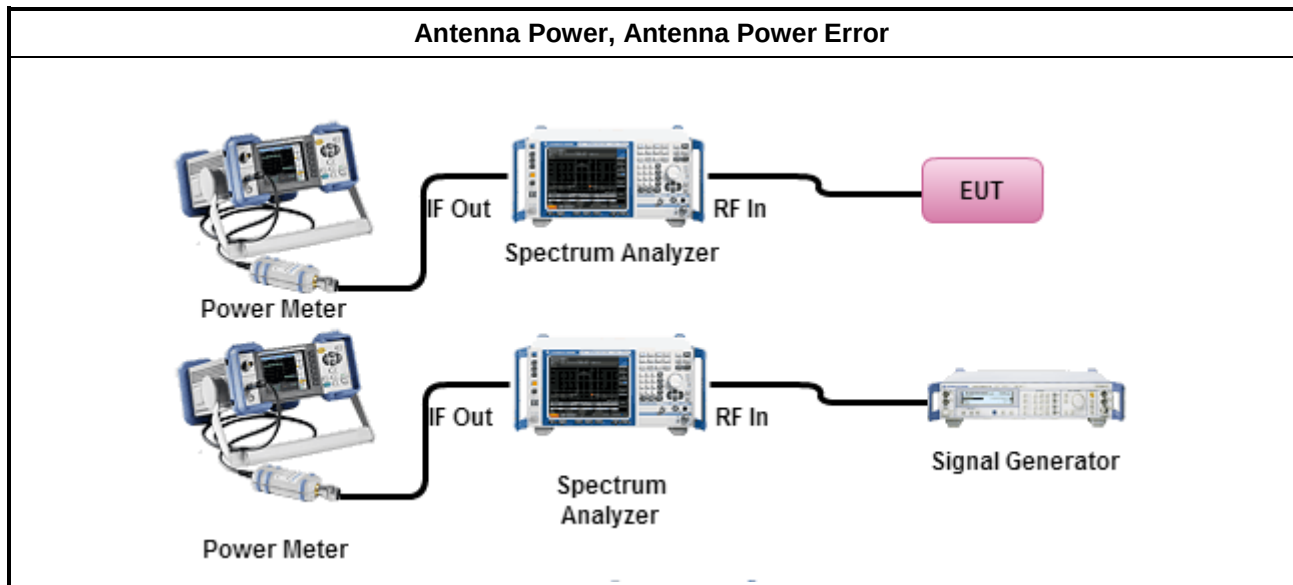
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.3.4 Test Setup



3.3.5 Test Result of Antenna Power, Antenna Power Error and EIRP Power

Refer as Appendix C

3.4 Adjacent Channel Power

3.4.1 Adjacent Channel Power Limit

Adjacent Channel Power Limit
(BW _{ch} 20MHz & CP/OBW≤18MHz) - fc±20MHz ≥25dB; fc±40MHz ≥40dB
(BW _{ch} 20MHz & CP/OBW≤20MHz) - fc±20MHz ≥25dB; fc±40MHz ≥40dB
(BW _{ch} 40MHz & CP/OBW≤40MHz) - fc±40MHz ≥25dB; fc±80MHz ≥40dB
(BW _{ch} 80MHz & CP/OBW≤80MHz) - fc±80MHz ≥25dB
(BW _{ch} 80+80MHz & CP/OBW≤80MHz) - fc±80MHz ≥25dB
(BW _{ch} 160MHz & CP/OBW≤160MHz) - N/A

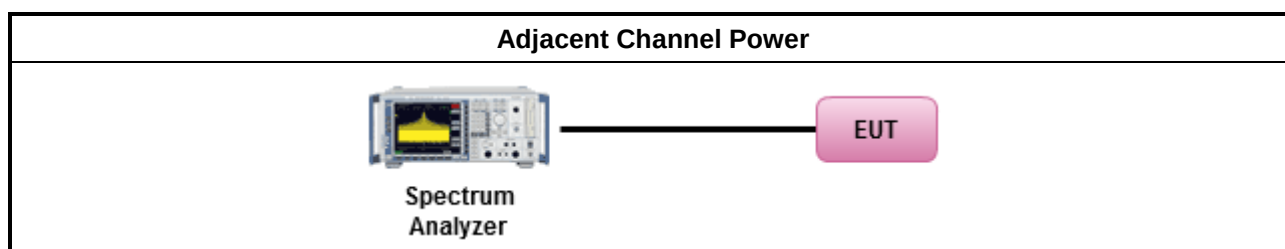
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.4.4 Test Setup



3.4.5 Test Result of Adjacent Channel Power

Refer as Appendix D

3.5 Unwanted Emission Strength

3.5.1 Unwanted Emission Strength Limit

W52 - BW _{ch} 20MHz (OBW≤18MHz)					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5142	0.0025	0.0025	-26	-26
5142	5150	0.015	0.015	-18	-18
5250	5251	1	0.1	0	-10
5251	5260	0.1	0.0158	-10	-18
5260	5266.7	0.0158	0.0025	-18	-26
5266.7	26000	0.0025	0.0025	-26	-26

W52 - BW _{ch} 20MHz (OBW: 18-20MHz)					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5142	0.0025	0.0025	-26	-26
5142	5150	0.015	0.015	-18	-18
5250	5250.2	2.1544	0.631	3	-2
5250.2	5251	0.631	0.1	-2	-10
5251	5260	0.1	0.0158	-10	-18
5260	5266.7	0.0158	0.0025	-18	-26
5266.7	26000	0.0025	0.0025	-26	-26

W52 - BW _{ch} 40MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5141.6	0.0025	0.0025	-26	-26
5141.6	5150	0.015	0.015	-18	-18
5250	5251	0.5	0.05	-3	-13
5251	5270	0.05	0.0079	-13	-21
5270	5278.4	0.0079	0.0025	-21	-26
5278.4	26000	0.0025	0.0025	-26	-26

W52 - BW_{ch} 80MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5123.2	0.0025	0.0025	-26	-26
5123.2	5150	0.015	0.015	-18	-18
5250	5251	0.25	0.025	-6	-16
5251	5290	0.025	0.0040	-16	-24
5290	5296.7	0.0040	0.0025	-24	-26
5296.7	26000	0.0025	0.0025	-26	-26

W53 - BW_{ch} 20MHz (OBW≤18MHz)					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5233.3	0.0025	0.0025	-26	-26
5233.3	5240	0.0025	0.0158	-26	-18
5240	5249	0.0158	0.1	-18	-10
5249	5250	0.1	1	-10	0
5350	26000	0.0025	0.0025	-26	-26

W53 - BW_{ch} 20MHz (OBW: 18-20MHz)					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5233.3	0.0025	0.0025	-26	-26
5233.3	5240	0.0025	0.0158	-26	-18
5240	5249	0.0158	0.1	-18	-10
5249	5249.8	0.0046	0.6310	-23	-20
5249.8	5250	0.6310	1	-2	0
5350	26000	0.0025	0.0025	-26	-26

W53 - BW _{ch} 40MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5221.6	0.0025	0.0025	-26	-26
5221.6	5230	0.0025	0.0079	-26	-21
5230	5249	0.0079	0.05	-21	-13
5249	5250	0.05	0.5	-13	-3
5350	5358.4	0.015	0.015	-18	-18
5358.4	26000	0.0025	0.0025	-26	-26

W53 - BW _{ch} 80MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5203.3	0.0025	0.0025	-26	-26
5203.3	5210	0.0025	0.0040	-26	-24
5210	5249	0.0040	0.025	-24	-16
5249	5250	0.025	0.25	-16	-6
5350	5376.8	0.015	0.015	-18	-18
5376.8	26000	0.0025	0.0025	-26	-26

W52+W53 - BW _{ch} 160MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5099.6	0.0025	0.0025	-26	-26
5099.6	5150	0.015	0.015	-18	-18
5350	5400.4	0.015	0.015	-18	-18
5400.4	26000	0.0025	0.0025	-26	-26

W56 - BW _{ch} 20MHz (DSSS, Other)					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5470	0.0125	0.0125	-19	-19
5730	26000	0.0125	0.0125	-19	-19

W56 - BW _{ch} 20MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5460	0.0025	0.0025	-26	-26
5460	5470	0.0125	0.0125	-19	-19
5745	5765	0.0125	0.0125	-19	-19
5765	26000	0.0025	0.0025	-26	-26

W56 - BW _{ch} 40MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5460	0.0125	0.0125	-19	-19
5460	5470	0.05	0.05	-13	-13
5770	26000	0.0125	0.0125	-19	-19

W56 - BW _{ch} 80MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5460	0.0125	0.0125	-19	-19
5460	5469.5	0.05	0.05	-13	-13
5469.5	5470	0.0512	0.0512	-12.9	-12.9
5770	26000	0.0125	0.0125	-19	-19

W56 - BW _{ch} 160MHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5419.6	0.0125	0.0125	-19	-19
5419.6	5470	0.05	0.05	-13	-13
5725	26000	0.0125	0.0125	-19	-19

W56 - BW_{ch} 80+80MHz - 5.21GHz & (5.53GHz, 5.61GHz or 5.69GHz)					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5134.8	0.0025	0.0025	-26	-26
5134.8	5150	0.1625	0.1625	-7.89	-7.89
5250	5251	0.125	1.25	-9	0.97
5251	5285.2	0.0137	0.0691	-18.63	-11.61
5285.2	5370	0.0025	0.0025	-26	-26
5370 _(note 1)	5454.8 _(note 1)	0.0025/0.0125	0.0025/0.0125	-26/-19	-26/-19
5454.8 _(note 2)	5470 _(note 2)	0.015/0.05	0.015/0.05	-18/-13	-18/-13
5730 _(note 3)	26000	0.015	0.015	-18	-18
Note 1: When used simultaneously with a 5.2GHz band high-power radio station : 0.0125mW/MHz. Note 2: When used simultaneously with a 5.2GHz band high-power radio station : 0.05mW/MHz. Note 3: When used 5690MHz, 5730MHz change to 5770MHz.					

W56 - BW_{ch} 80+80MHz - 5.29GHz & (5.53GHz, 5.61GHz or 5.69GHz)					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5214.8	0.0025	0.0025	-26	-26
5214.8	5249	0.0025	0.0125	-26	-19
5249	5250	0.0125	0.125	-19	-9
5350	5365.2	0.015	0.015	-18	-18
5365.2	5410	0.0025	0.0025	-26	-26
5410	5454.8	0.0025	0.0025	-26	-26
5454.8	5470	0.015	0.015	-18	-18
5730 _(note)	26000	0.015	0.015	-18	-18
Note : When used 5690MHz, 5730MHz change to 5770MHz.					

W56 - BW_{ch} 80+80MHz - 5.21GHz & 5.69GHz					
Unwanted Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
30	5419.6	0.0125	0.0125	-19	-19
5419.6	5470	0.05	0.05	-13	-13
5770	26000	0.0125	0.0125	-19	-19

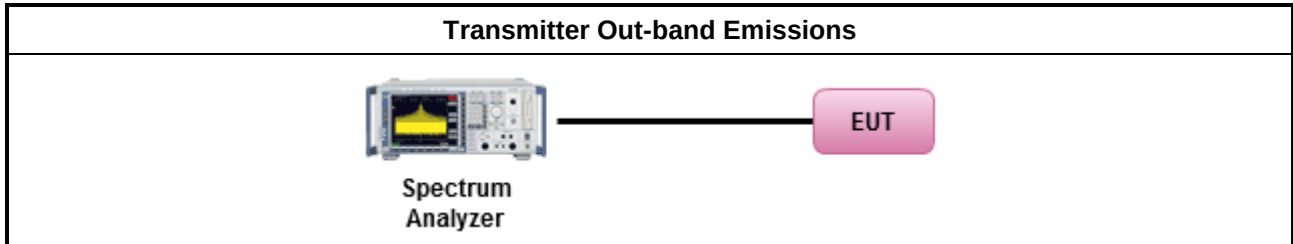
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.5.4 Test Setup



3.5.5 Test Result of Unwanted Emission Strength

Refer as Appendix E

3.6 Receiver Spurious Emissions

3.6.1 Receiver Spurious Emissions Limit

RX Spurious Emission		Limit			
Range (MHz)		nW		dBm	
30	1000	4	4	-54	-54
1000	26000	20	20	-47	-47

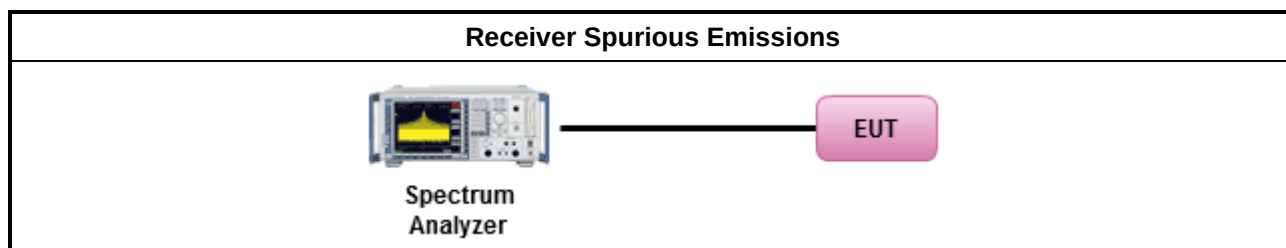
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.6.4 Test Setup



3.6.5 Test Result of Receiver Spurious Emissions

Refer as Appendix F

3.7 Identification Code

3.7.1 Identification Code Limit

Identification Code Limit
≥ 19 bits

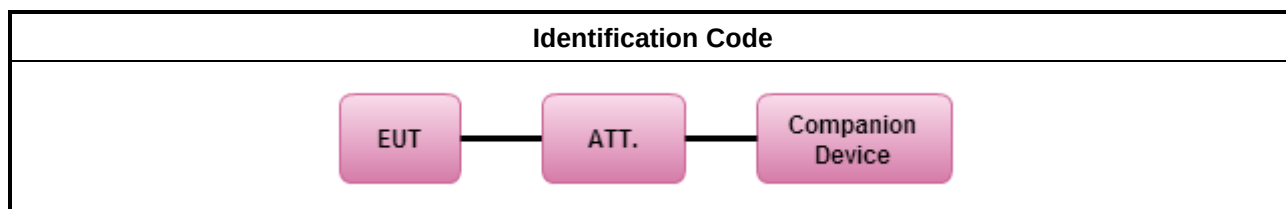
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.7.4 Test Setup



3.7.5 Test Result of Identification Code

Refer as 1.1.3

3.8 Transmission Burst Length

3.8.1 Transmission Burst Length Limit

Transmission Burst Length Limit
$\leq 8\text{ms}$

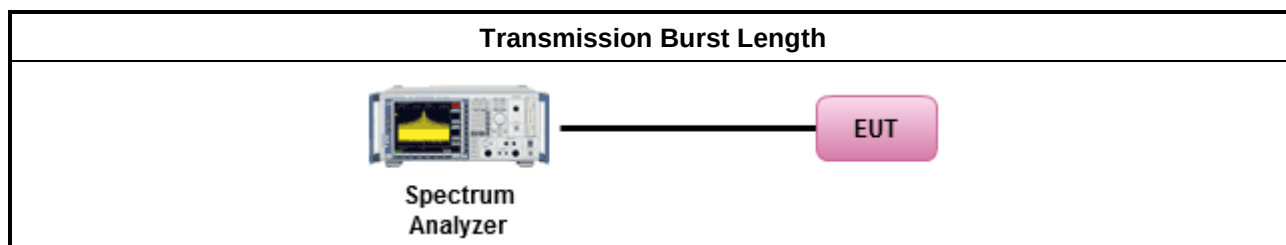
3.8.2 Measuring Instruments

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

3.8.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.8.4 Test Setup



3.8.5 Test Result of Transmission Burst Length

Refer as Appendix G

3.9 Carrier Sense

3.9.1 Carrier Sense Limit

Carrier Sense Limit
Stop transmission for interference signal level above 100mV/m (or level at $22.79 + Gr - 20 \cdot \log(f)$ [dBm])

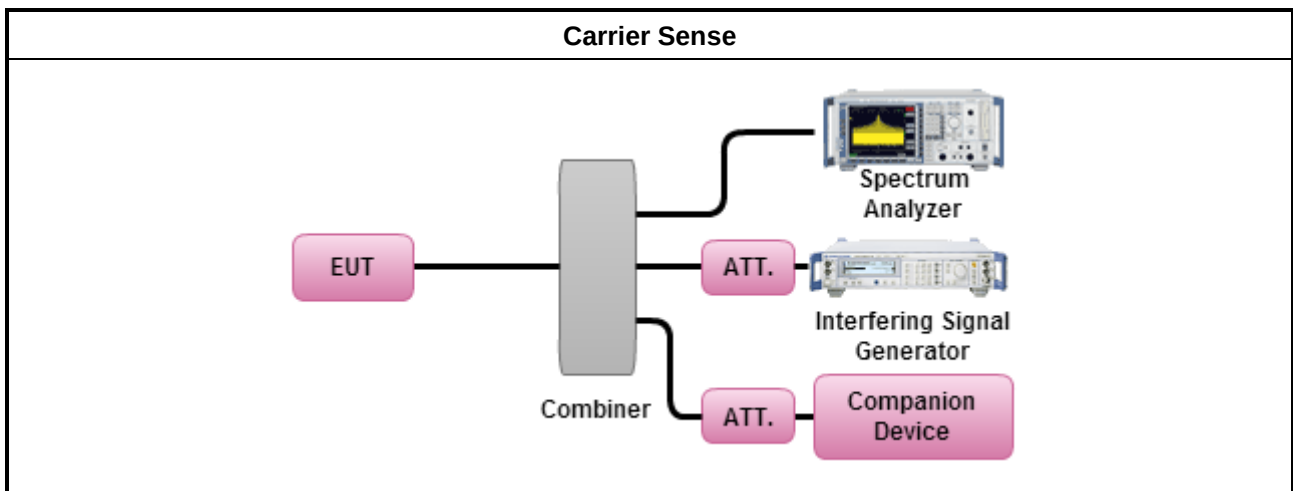
3.9.2 Measuring Instruments

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

3.9.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.9.4 Test Setup



3.9.5 Test Result of Carrier Sense

Refer as Appendix H

3.10 EUT Construction Protection

3.10.1 EUT Construction Protection Limit

EUT Construction Protection Limit	
The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.	

3.10.2 EUT Construction Protection

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

EUT Construction Protection	
Protected Method	Description
Tenon-mortise	Against the illegal modification, the RF and modulation are protected by tenon-mortise method on the case.

3.11 Transmit Power Control (TPC)

3.11.1 Transmit Power Control (TPC) Limit

Transmit Power Control (TPC) Limit
TPC $\geq$ 3dB decrease of maximum antenna power
If the companion device and EUT cannot be established, then it is difficult to measure. Verify in TPC technical document (the ability to decrease by 3dB antenna power).

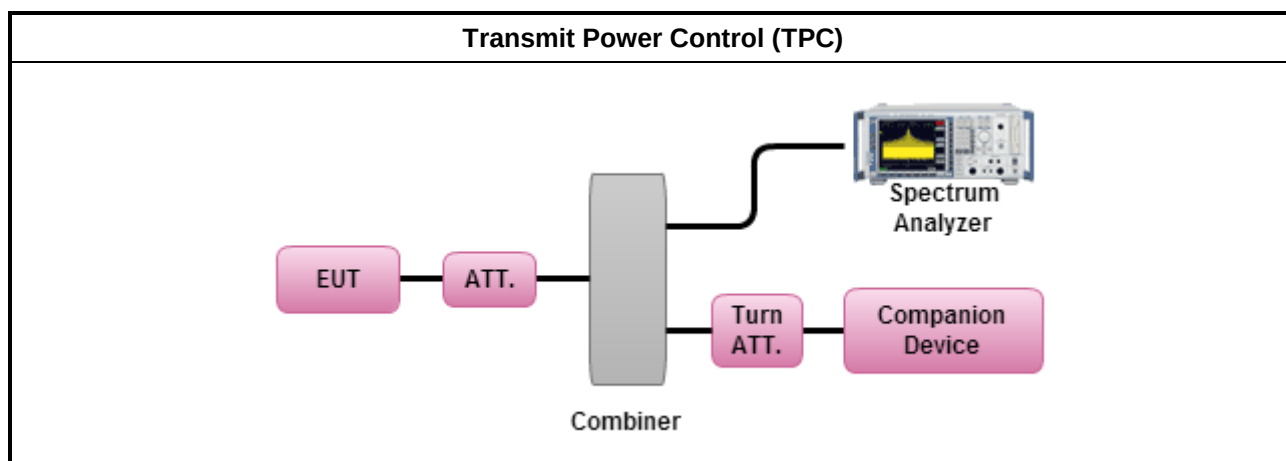
3.11.2 Measuring Instruments

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

3.11.3 Test Procedures

Test Method
Test method temporarily determined by TELEC

3.11.4 Test Setup



3.11.5 Test Result of Transmit Power Control (TPC)

Refer as Appendix I

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Until	Cal. Body	Cal. Method
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	20/Oct/2021	19/Oct/2022	ETC	C)
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022	ETC	C)
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022	ETC	C)
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022	ETC	C)

Note: Calibration Method

- a) : Calibration conducted by the National Institute of Information and Communications Technology(NICT) or a designated calibration agency under Article 102-18 paragraph (1) of the Radio Law.
- b) : Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
- c) : Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- d) : Calibration conducted by using other equipment that listed above from a) to c).

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5.15-5.25GHz	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.18G	5.1799438G	-1.0858	±20	1	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.24G	5.24001125G	2.1467	±20	1	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.23G	5.23003375G	6.4523	±20	1	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.21G	5.21008999G	17.2723	±20	1	-
5.25-5.35GHz	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.26G	5.25999438G	-1.0693	±20	1	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.26G	5.2600075G	1.4257	±20	1	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.27G	5.270015G	2.8459	±20	1	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.29G	5.290015G	2.8352	±20	1	-
5.47-5.73GHz	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.5G	5.5000225G	4.0904	±20	1	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.5G	5.50001875G	3.4087	±20	1	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.51G	5.51003375G	6.1245	±20	1	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.53G	5.53008249G	14.9168	±20	1	-

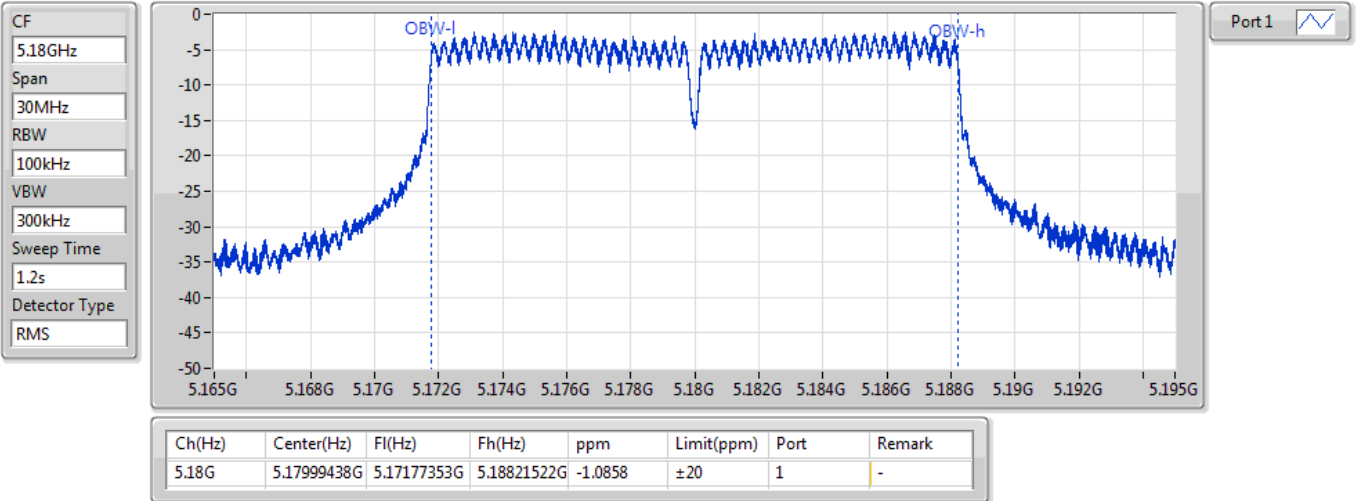
Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.18G	5.17999438G	-1.0858	±20	1	-
5240MHz_TnomVnom	Pass	5.24G	5.24G	0	±20	1	-
5260MHz_TnomVnom	Pass	5.26G	5.25999438G	-1.0693	±20	1	-
5320MHz_TnomVnom	Pass	5.32G	5.31999625G	-0.7048	±20	1	-
5500MHz_TnomVnom	Pass	5.5G	5.5000225G	4.0904	±20	1	-
5600MHz_TnomVnom	Pass	5.6G	5.60001875G	3.3478	±20	1	-
5700MHz_TnomVnom	Pass	5.7G	5.700015G	2.6313	±20	1	-
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.18G	5.1800075G	1.4477	±20	1	-
5240MHz_TnomVnom	Pass	5.24G	5.24001125G	2.1467	±20	1	-
5260MHz_TnomVnom	Pass	5.26G	5.2600075G	1.4257	±20	1	-
5320MHz_TnomVnom	Pass	5.32G	5.32000375G	0.7048	±20	1	-
5500MHz_TnomVnom	Pass	5.5G	5.50001875G	3.4087	±20	1	-
5600MHz_TnomVnom	Pass	5.6G	5.600015G	2.6782	±20	1	-
5700MHz_TnomVnom	Pass	5.7G	5.7000075G	1.3156	±20	1	-
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.19G	5.19001875G	3.6123	±20	1	-
5230MHz_TnomVnom	Pass	5.23G	5.23003375G	6.4523	±20	1	-
5270MHz_TnomVnom	Pass	5.27G	5.270015G	2.8459	±20	1	-
5310MHz_TnomVnom	Pass	5.31G	5.31001125G	2.1184	±20	1	-
5510MHz_TnomVnom	Pass	5.51G	5.51003375G	6.1245	±20	1	-
5590MHz_TnomVnom	Pass	5.59G	5.59003G	5.3661	±20	1	-
5670MHz_TnomVnom	Pass	5.67G	5.670015G	2.6452	±20	1	-
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.21G	5.21008999G	17.2723	±20	1	-
5290MHz_TnomVnom	Pass	5.29G	5.290015G	2.8352	±20	1	-
5530MHz_TnomVnom	Pass	5.53G	5.53008249G	14.9168	±20	1	-
5610MHz_TnomVnom	Pass	5.61G	5.61008249G	14.704	±20	1	-

802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

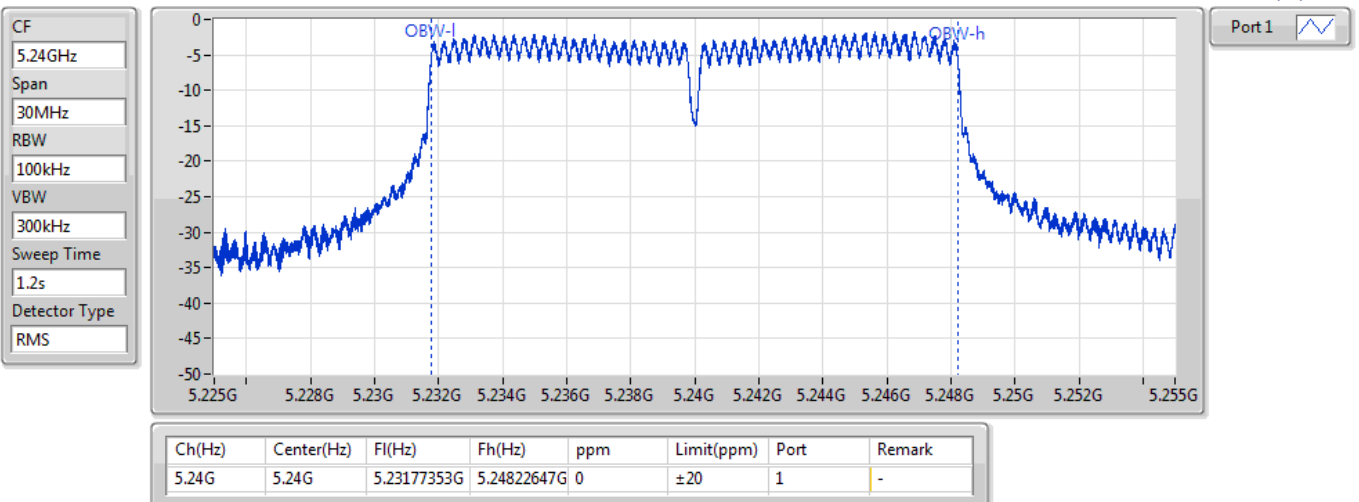
5180MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

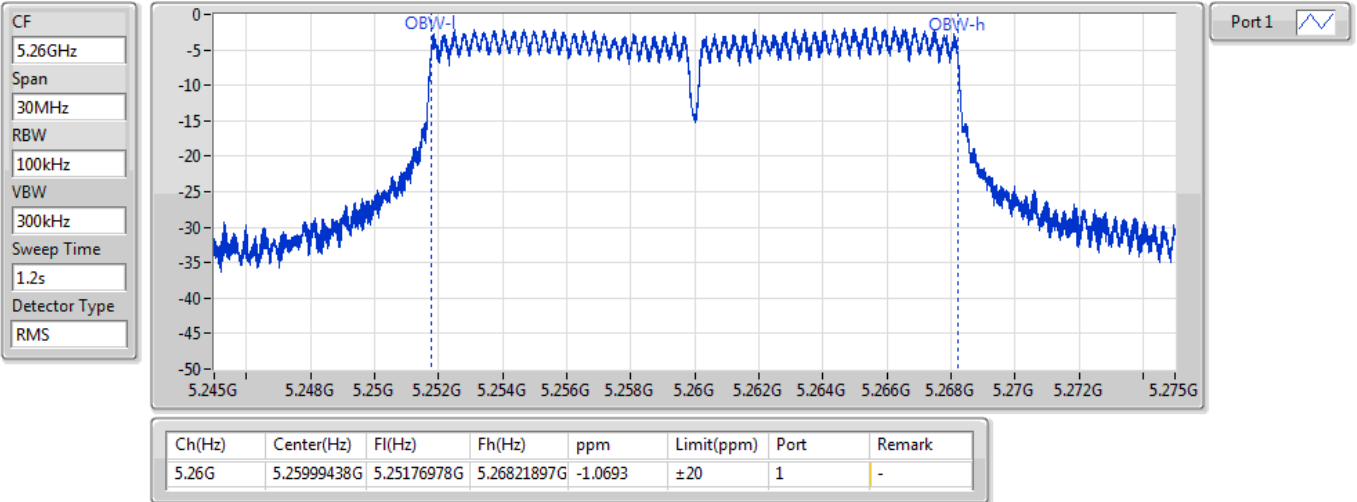
5240MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

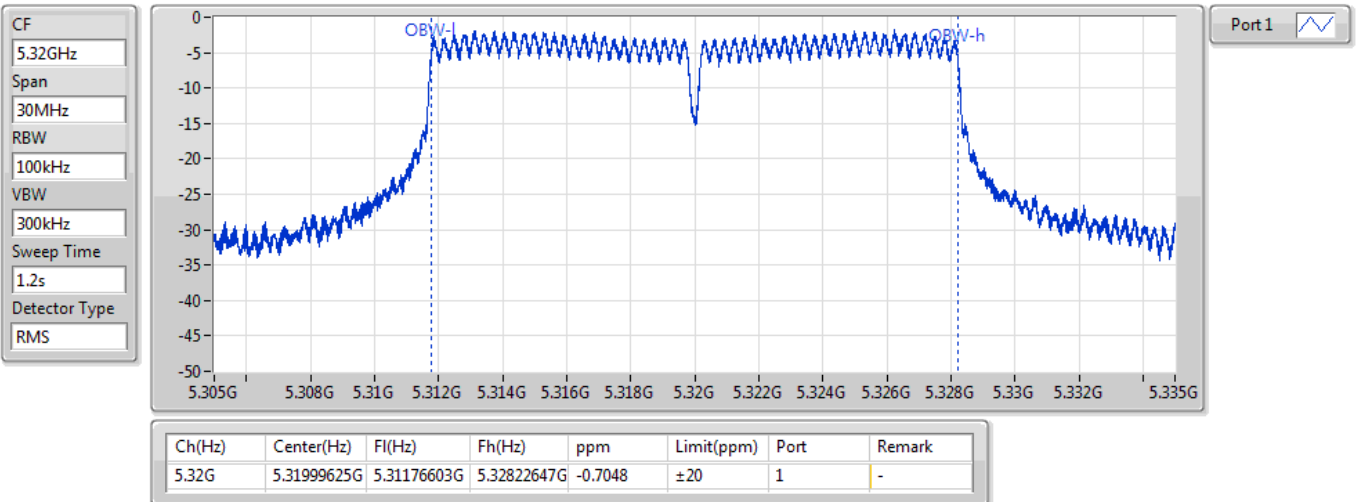
5260MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

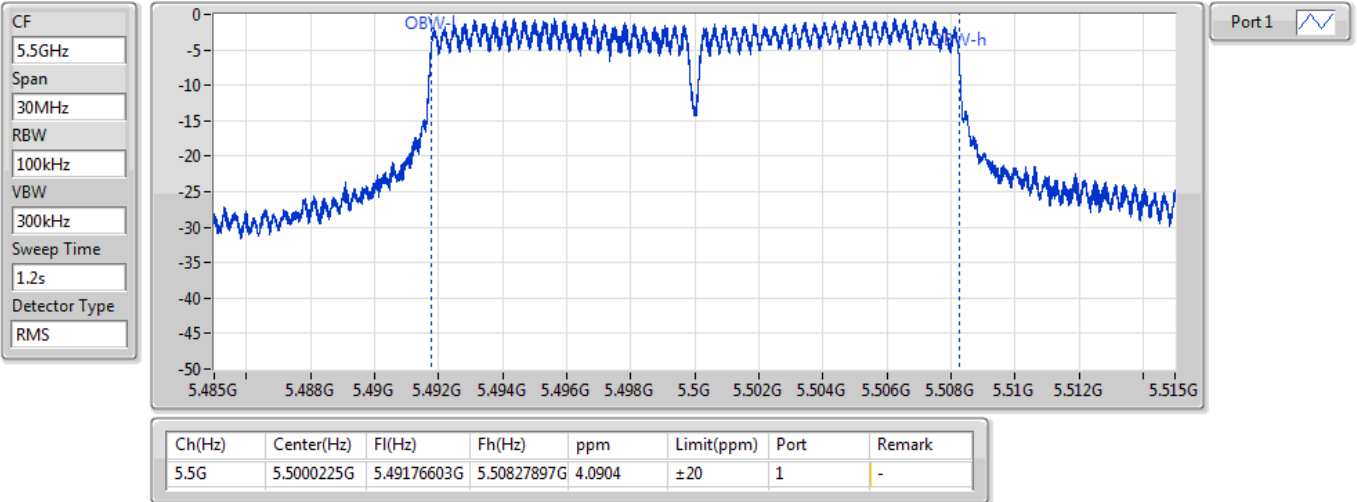
5320MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

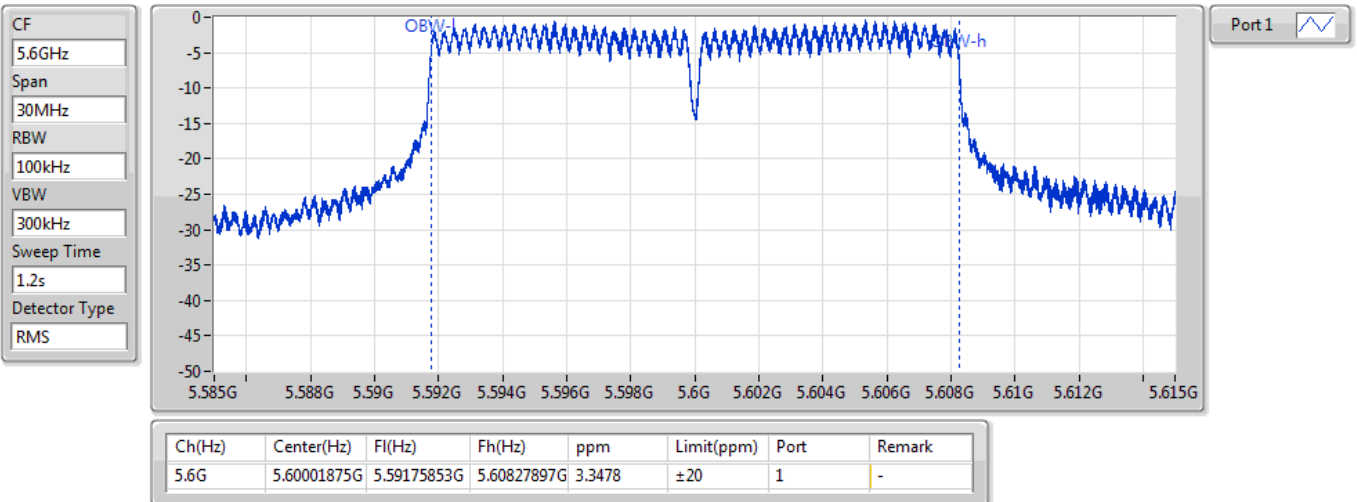
5500MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

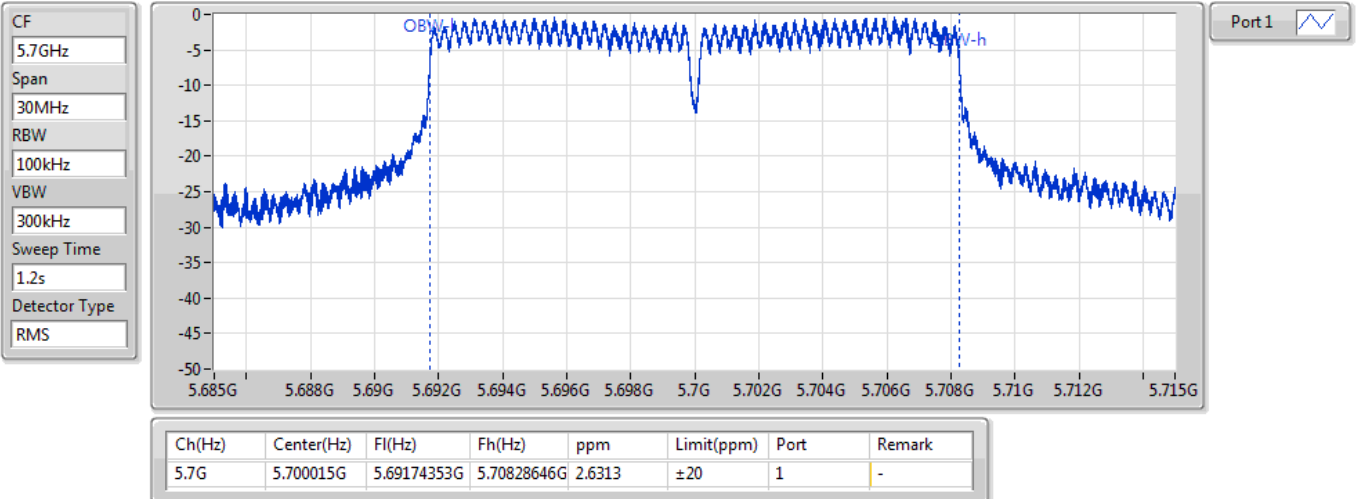
5600MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

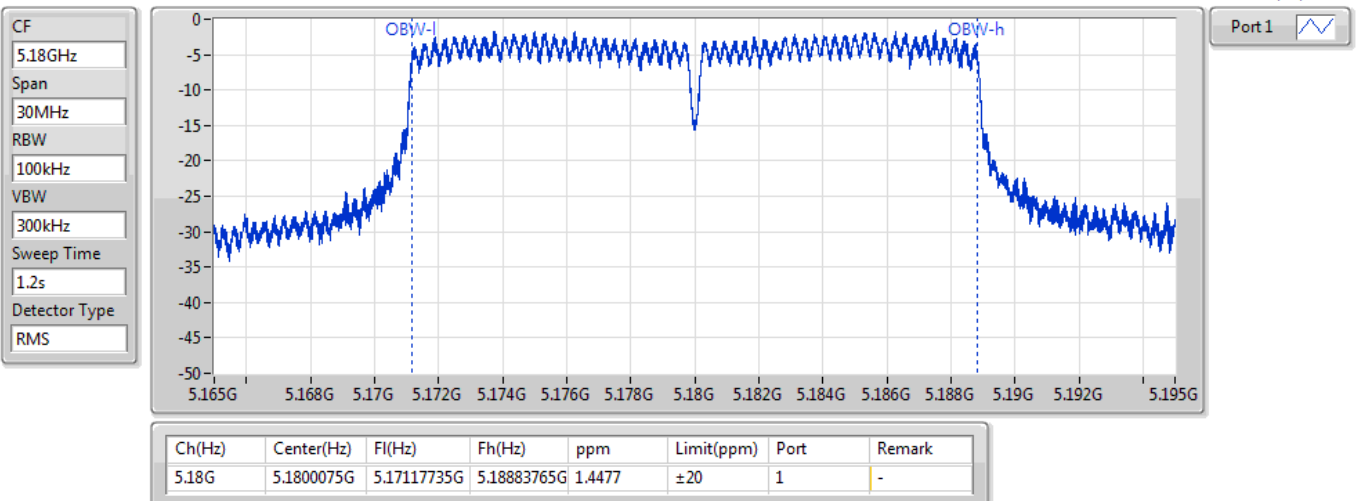
5700MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5180MHz_TnomVnom

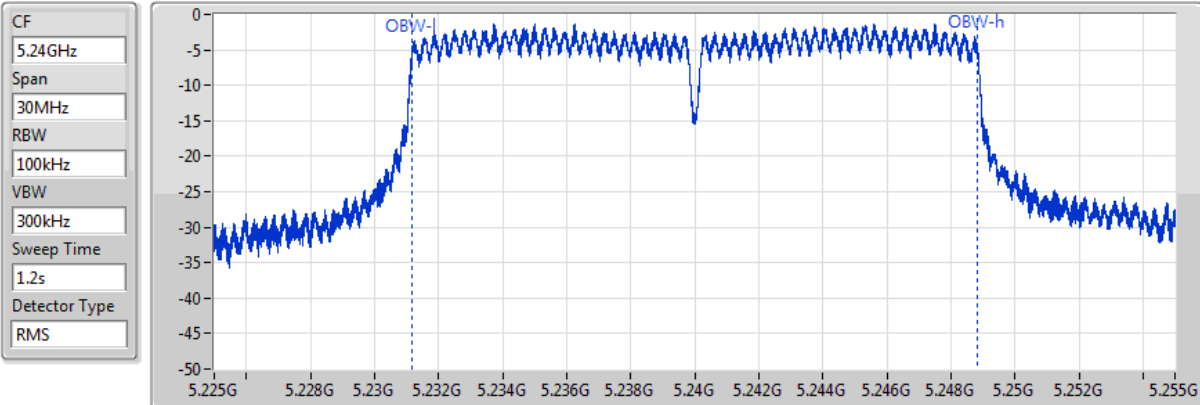


802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5240MHz_TnomVnom

11/01/2022



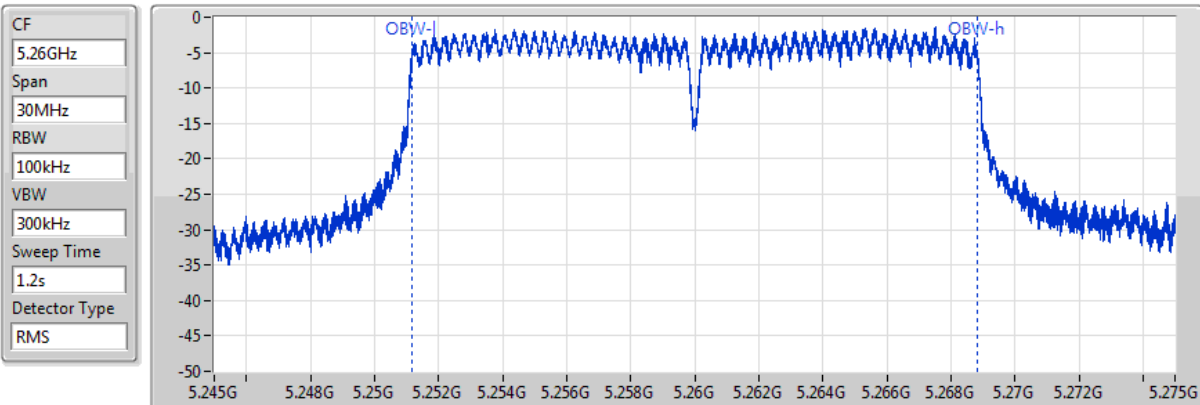
Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.24G	5.24001125G	5.23118485G	5.24883765G	2.1467	±20	1	-

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5260MHz_TnomVnom

11/01/2022



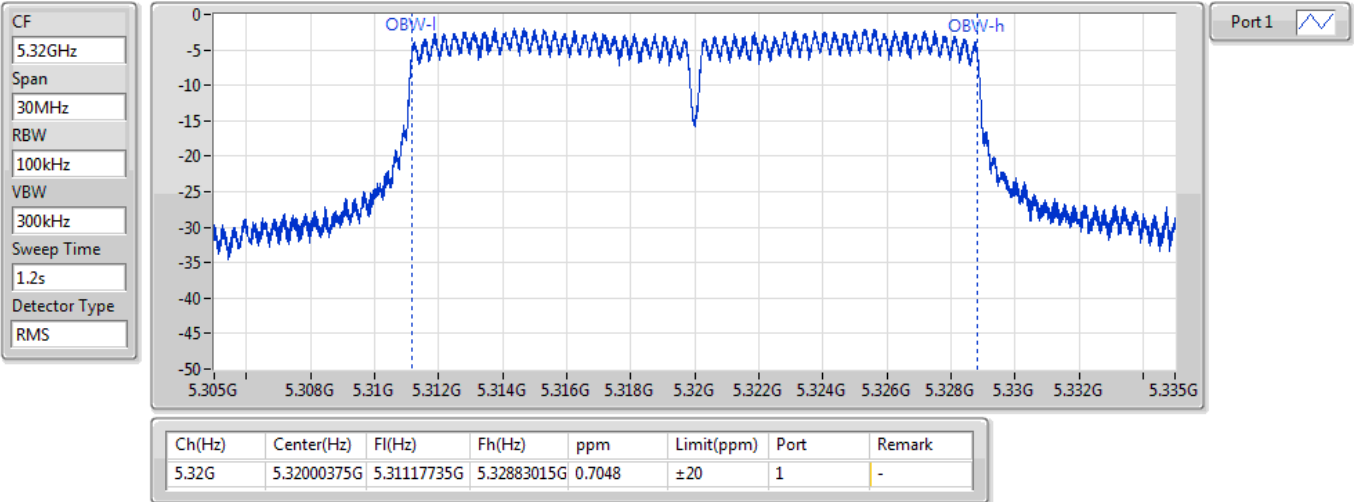
Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.26G	5.2600075G	5.2511811G	5.2688339G	1.4257	±20	1	-

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5320MHz_TnomVnom

11/01/2022

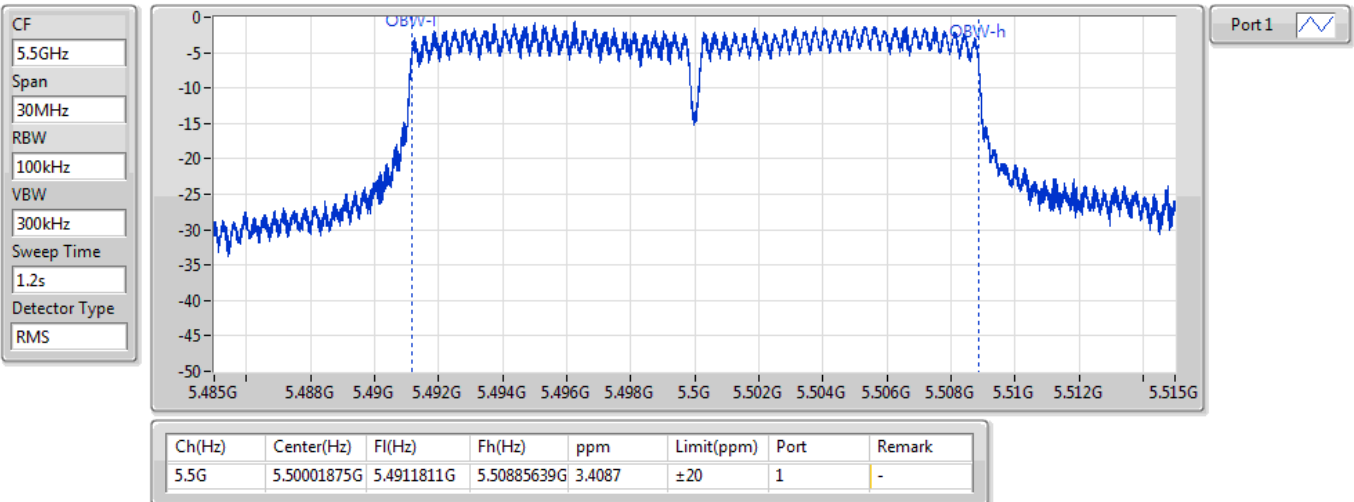


802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5500MHz_TnomVnom

11/01/2022

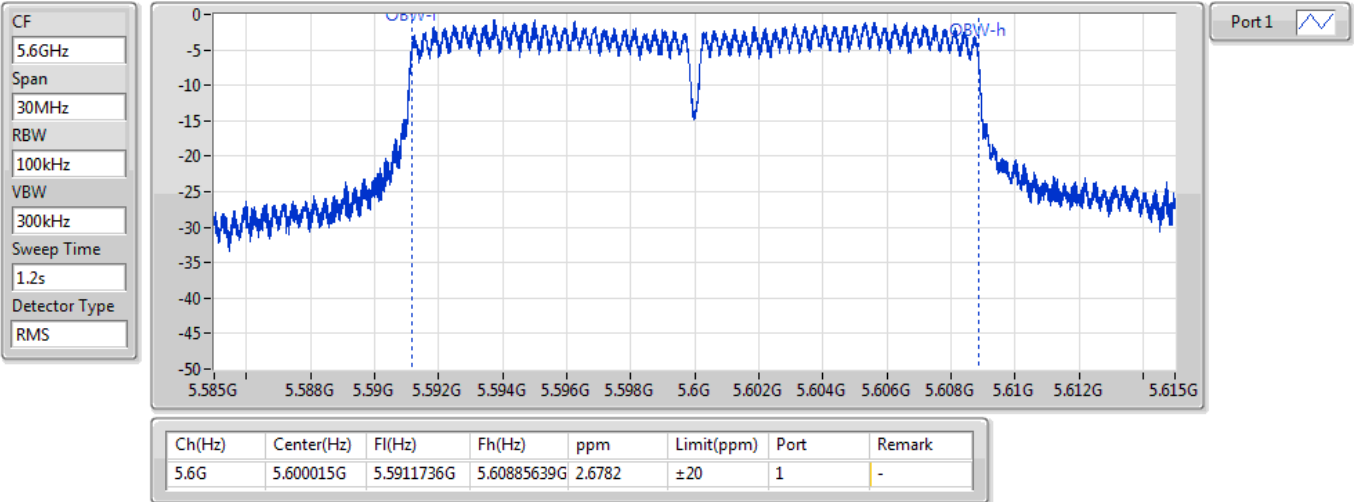


802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5600MHz_TnomVnom

11/01/2022

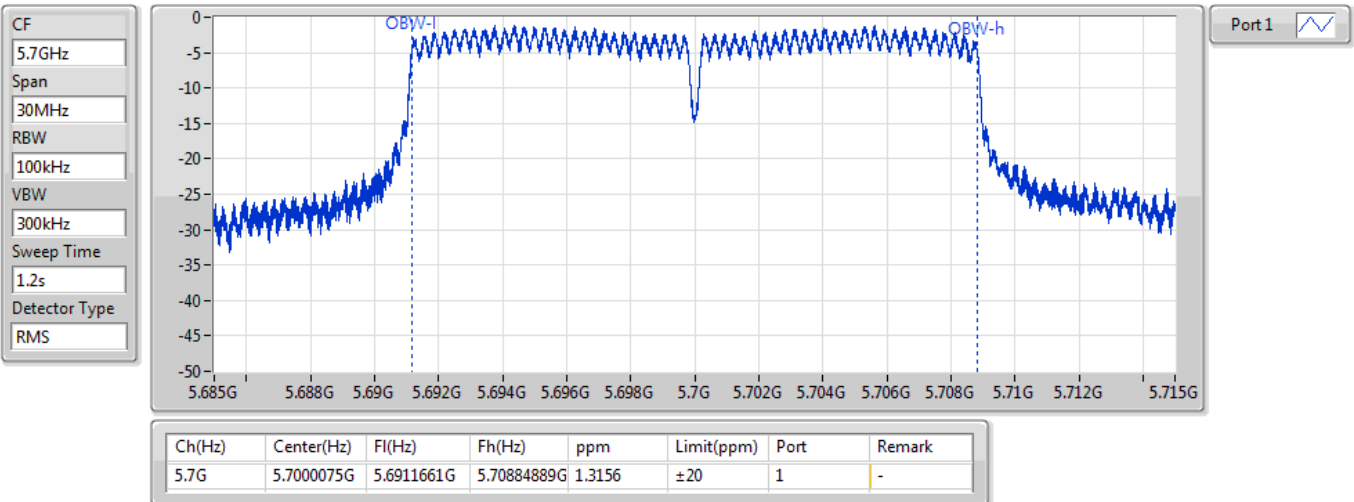


802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5700MHz_TnomVnom

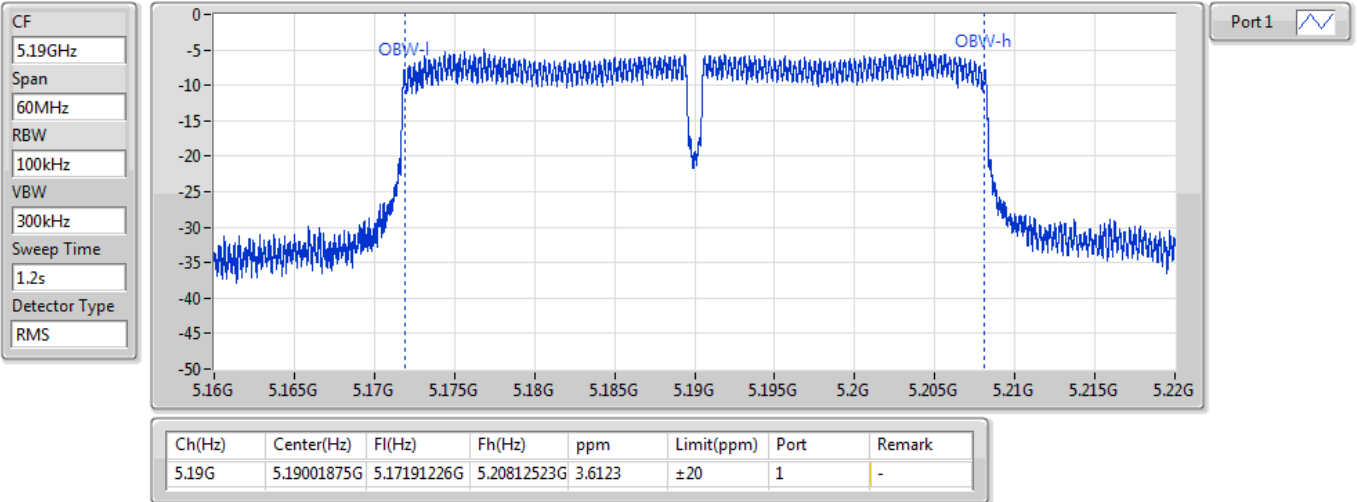
11/01/2022



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

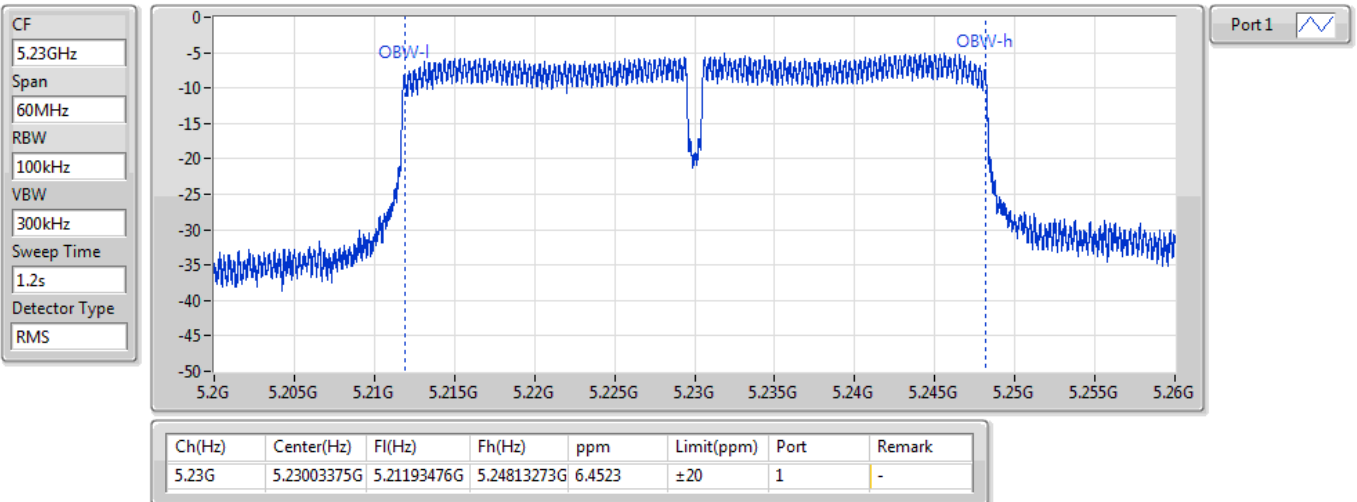
5190MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5230MHz_TnomVnom

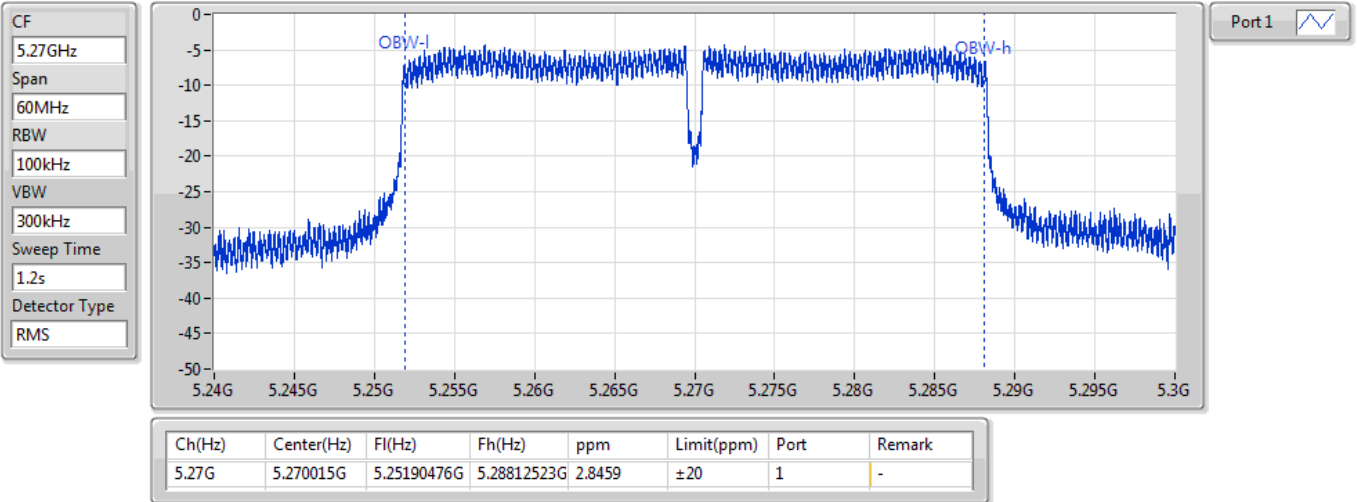


802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5270MHz_TnomVnom

11/01/2022

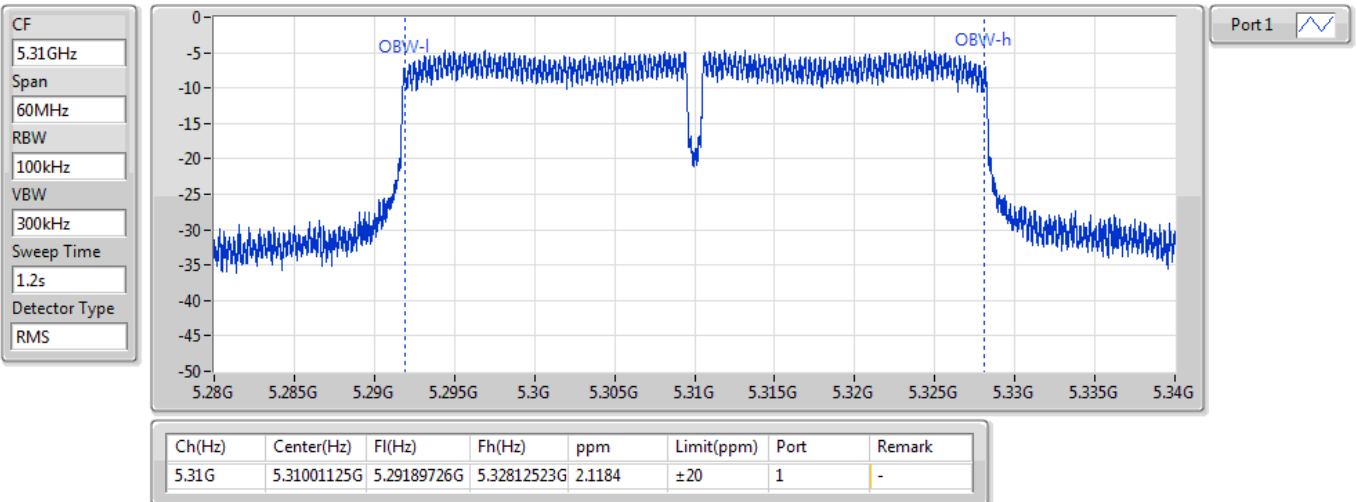


802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5310MHz_TnomVnom

11/01/2022

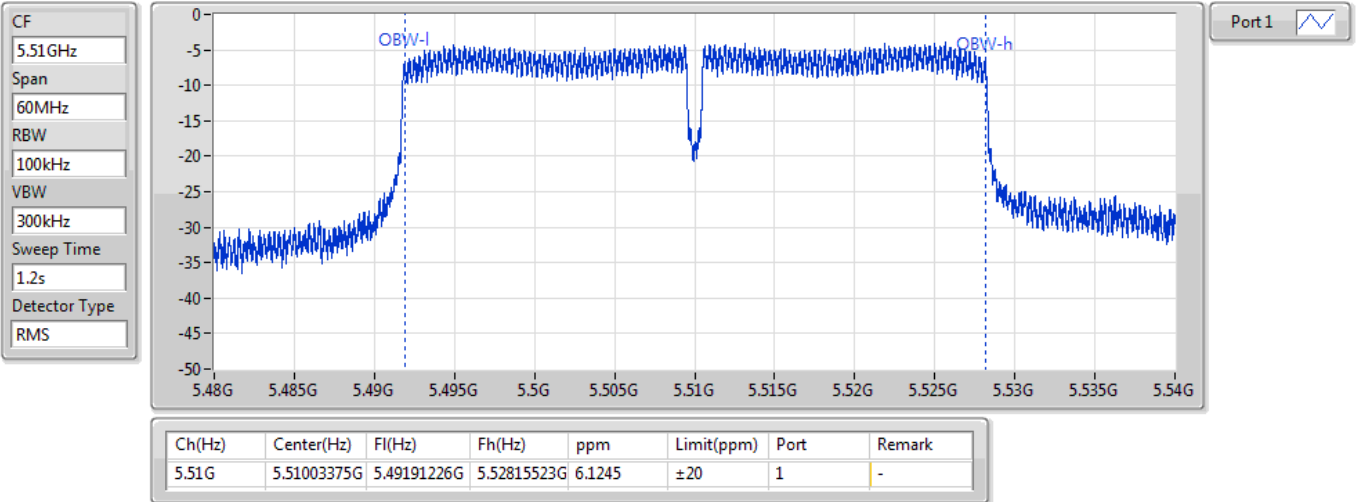


802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5510MHz_TnomVnom

11/01/2022

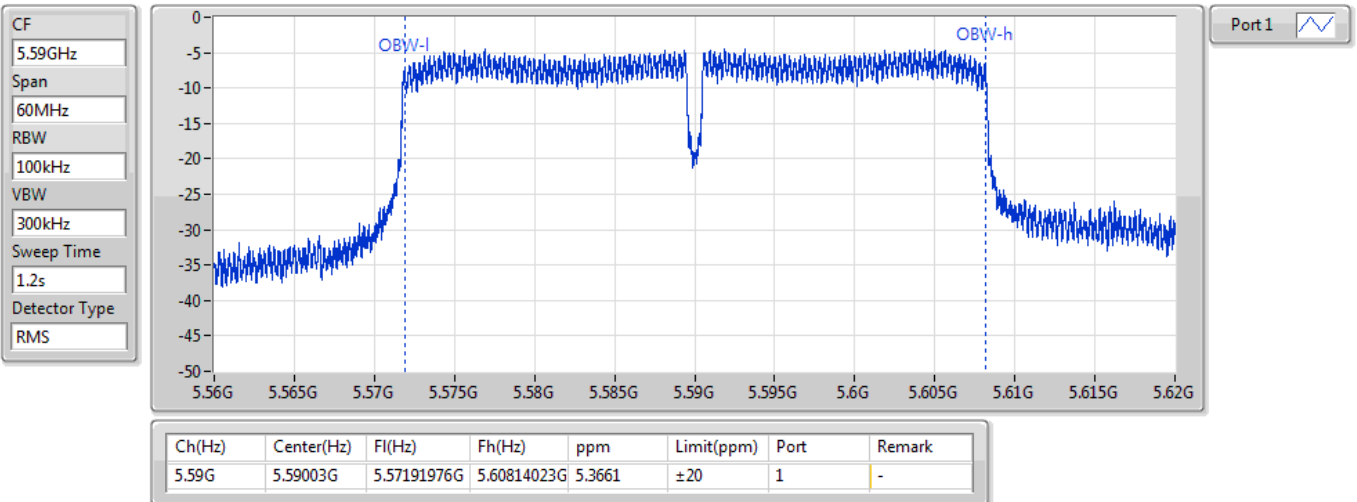


802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5590MHz_TnomVnom

11/01/2022

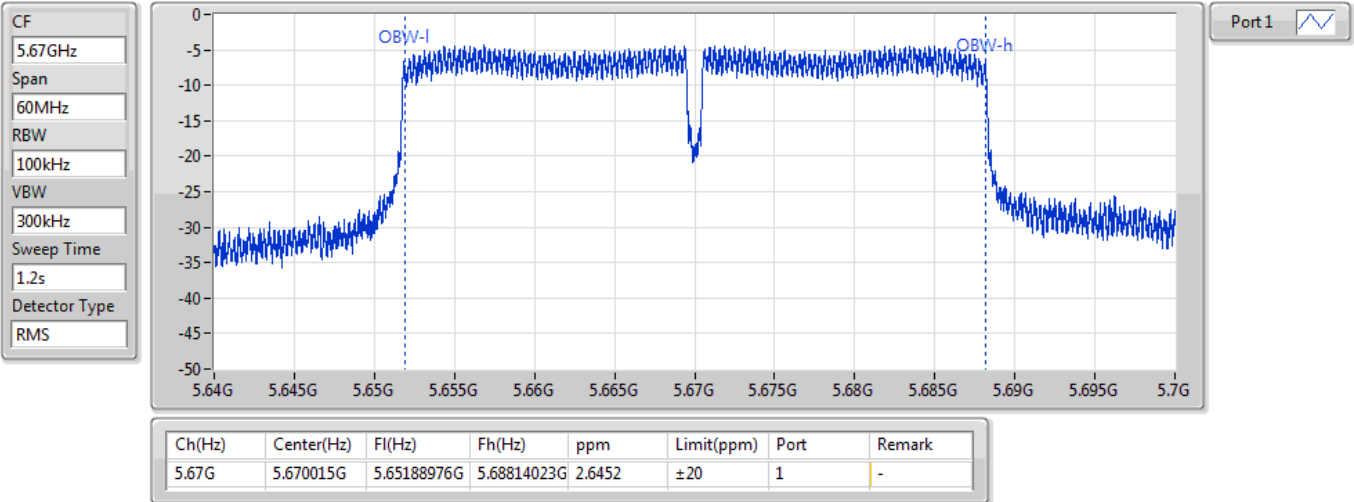


802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5670MHz_TnomVnom

11/01/2022

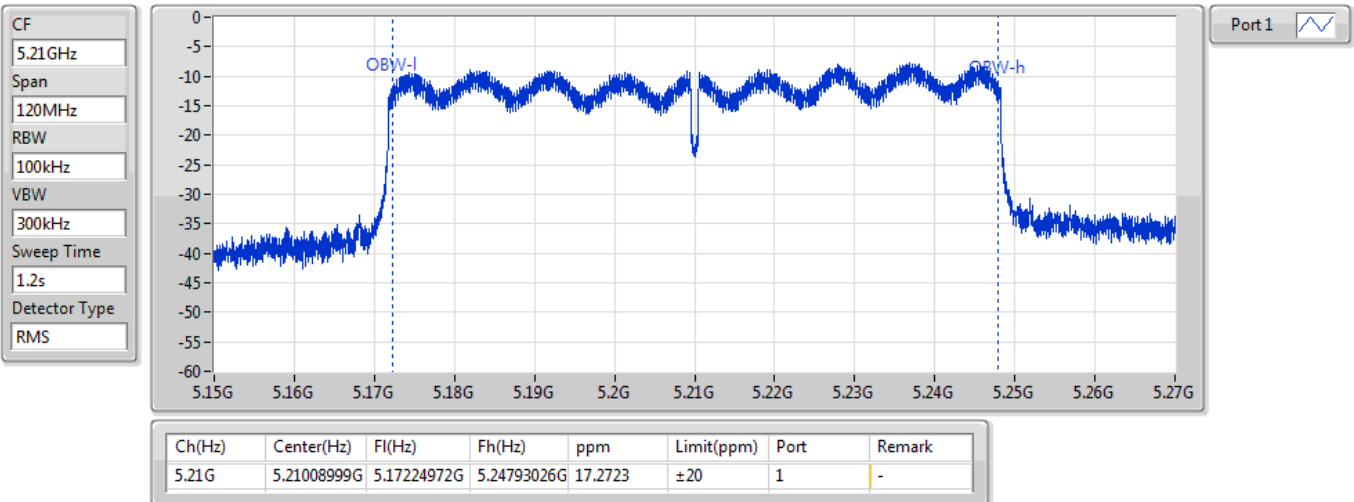


802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

5210MHz_TnomVnom

11/01/2022

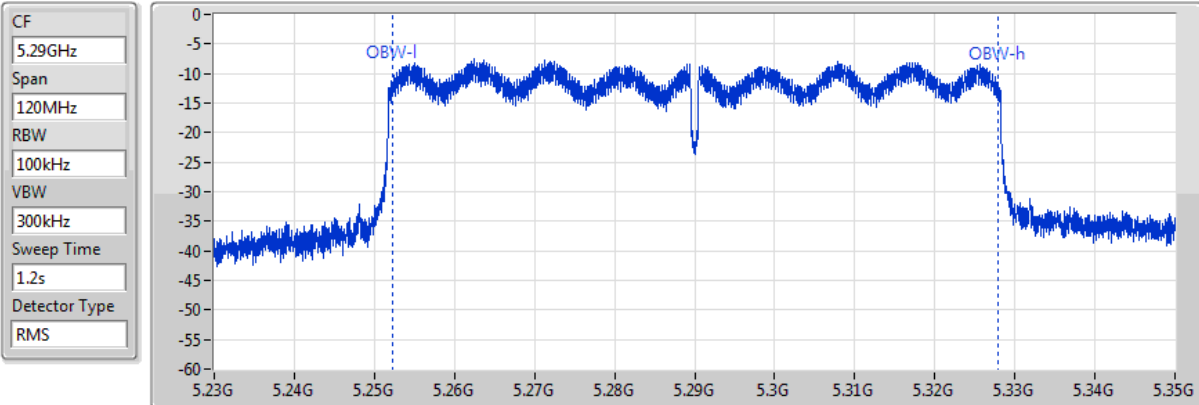


802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

5290MHz_TnomVnom

11/01/2022



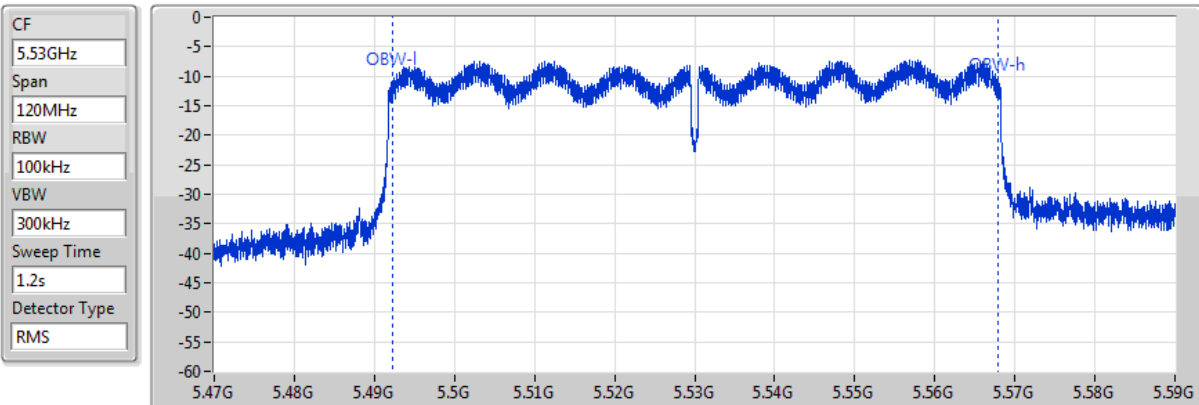
Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.29G	5.290015G	5.25218973G	5.32784027G	2.8352	±20	1	-

802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

5530MHz_TnomVnom

11/01/2022



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.53G	5.53008249G	5.49223472G	5.56793026G	14.9168	±20	1	-

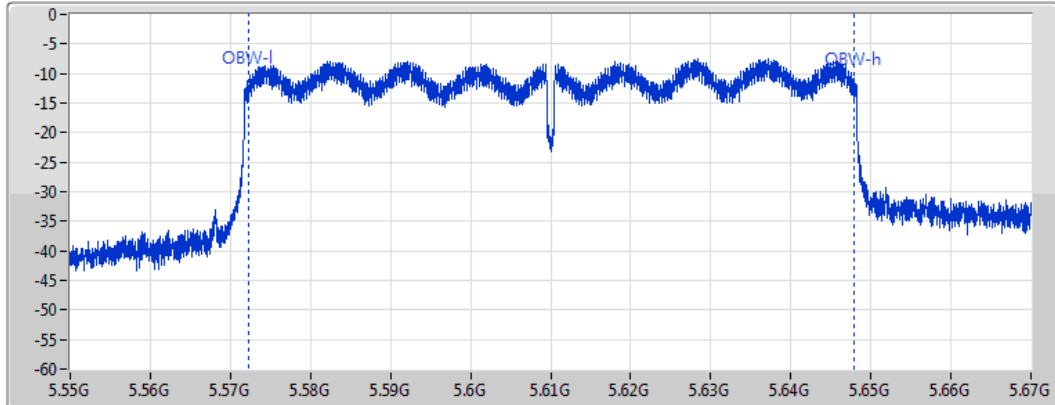
802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

5610MHz_TnomVnom

11/01/2022

CF
5.61GHz
Span
120MHz
RBW
100kHz
VBW
300kHz
Sweep Time
1.2s
Detector Type
RMS



Port 1 

Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.61G	5.61008249G	5.57224972G	5.64791526G	14.704	±20	1	-

Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
5.15-5.25GHz	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.952M	17M0D1D	16.872M
802.11ac VHT20_Nss1,(MCS0)_1TX	18.331M	18M3D1D	18.291M
802.11ac VHT40_Nss1,(MCS0)_1TX	37.221M	37M2D1D	37.181M
802.11ac VHT80_Nss1,(MCS0)_1TX	76.762M	76M8D1D	76.762M
5.25-5.35GHz	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.011M	17M0D1D	16.872M
802.11ac VHT20_Nss1,(MCS0)_1TX	18.191M	18M2D1D	18.171M
802.11ac VHT40_Nss1,(MCS0)_1TX	37.381M	37M4D1D	37.341M
802.11ac VHT80_Nss1,(MCS0)_1TX	76.522M	76M5D1D	76.522M
5.47-5.73GHz	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.59M	19M6D1D	18.611M
802.11ac VHT20_Nss1,(MCS0)_1TX	19.61M	19M6D1D	19.33M
802.11ac VHT40_Nss1,(MCS0)_1TX	38.941M	38M9D1D	38.741M
802.11ac VHT80_Nss1,(MCS0)_1TX	77.961M	78M0D1D	77.401M

Max-OBW = Maximum 99% occupied bandwidth; Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-
5180MHz_TnomVnom	Pass	20M	16.872M
5240MHz_TnomVnom	Pass	20M	16.952M
5260MHz_TnomVnom	Pass	20M	16.872M
5320MHz_TnomVnom	Pass	20M	17.011M
5500MHz_TnomVnom	Pass	20M	18.611M
5600MHz_TnomVnom	Pass	20M	18.851M
5700MHz_TnomVnom	Pass	20M	19.59M
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	20M	18.331M
5240MHz_TnomVnom	Pass	20M	18.291M
5260MHz_TnomVnom	Pass	20M	18.191M
5320MHz_TnomVnom	Pass	20M	18.171M
5500MHz_TnomVnom	Pass	20M	19.43M
5600MHz_TnomVnom	Pass	20M	19.61M
5700MHz_TnomVnom	Pass	20M	19.33M
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	40M	37.181M
5230MHz_TnomVnom	Pass	40M	37.221M
5270MHz_TnomVnom	Pass	40M	37.341M
5310MHz_TnomVnom	Pass	40M	37.381M
5510MHz_TnomVnom	Pass	40M	38.941M
5590MHz_TnomVnom	Pass	40M	38.741M
5670MHz_TnomVnom	Pass	40M	38.941M
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-
5210MHz_TnomVnom	Pass	80M	76.762M
5290MHz_TnomVnom	Pass	80M	76.522M
5530MHz_TnomVnom	Pass	80M	77.961M
5610MHz_TnomVnom	Pass	80M	77.401M

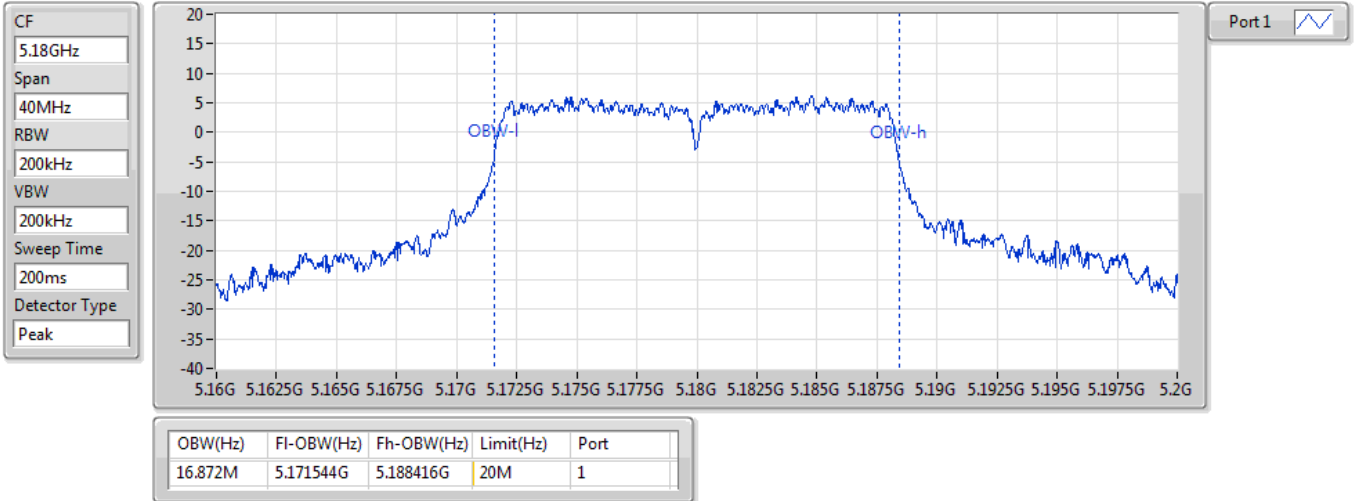
P1-OBW = Port 1 99% occupied bandwidth; P2-OBW = Port 2 99% occupied bandwidth; Pn-OBW = Port n 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

OBW

5180MHz_TnomVnom

11/01/2022

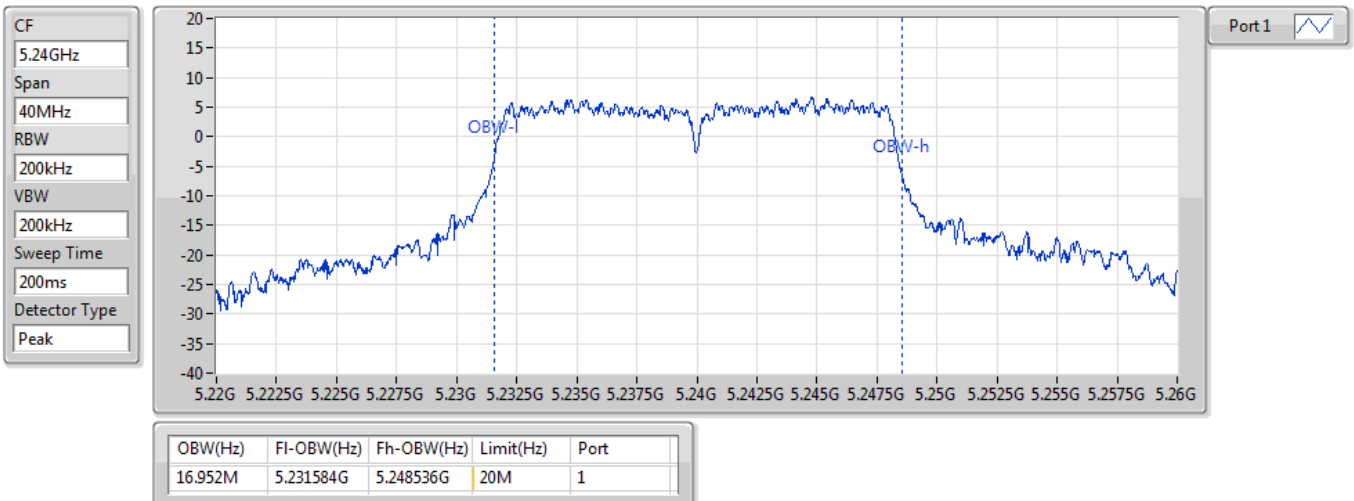


802.11a_Nss1,(6Mbps)_1TX

OBW

5240MHz_TnomVnom

11/01/2022

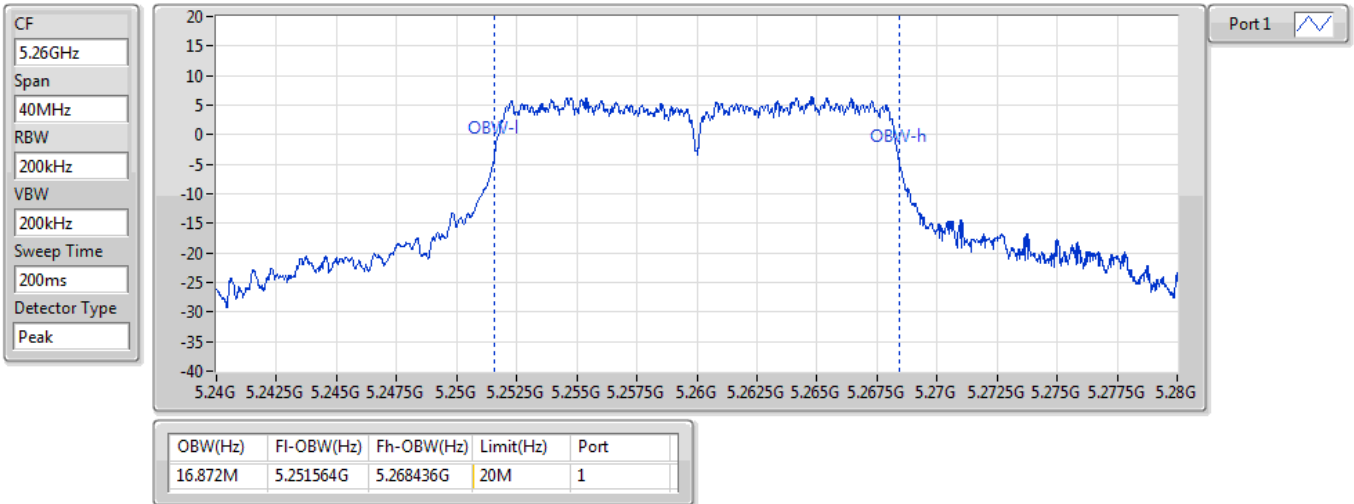


802.11a_Nss1,(6Mbps)_1TX

OBW

5260MHz_TnomVnom

11/01/2022

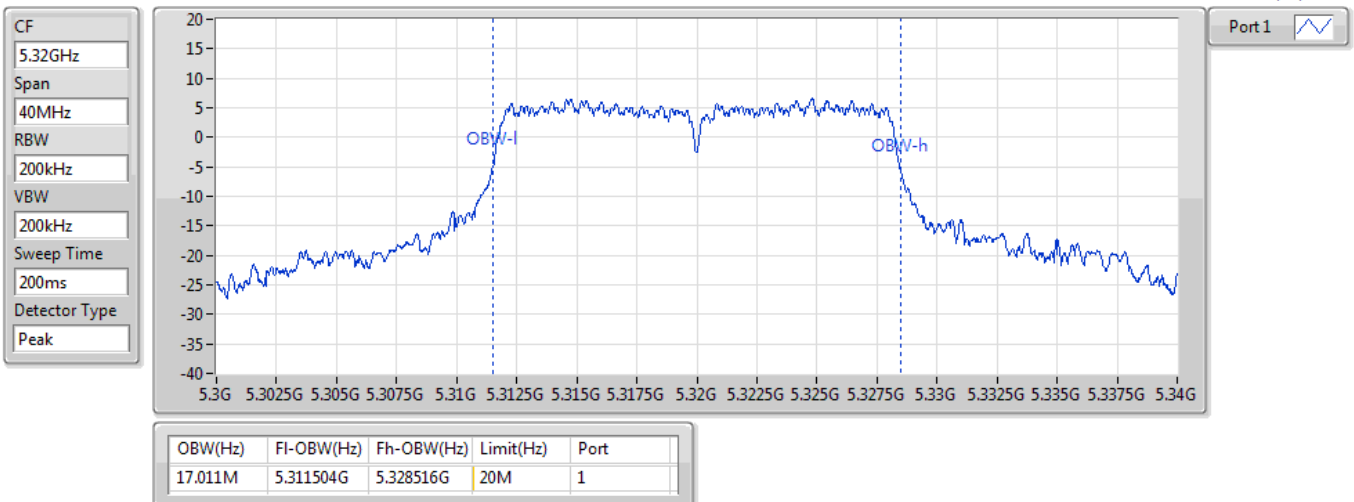


802.11a_Nss1,(6Mbps)_1TX

OBW

5320MHz_TnomVnom

11/01/2022

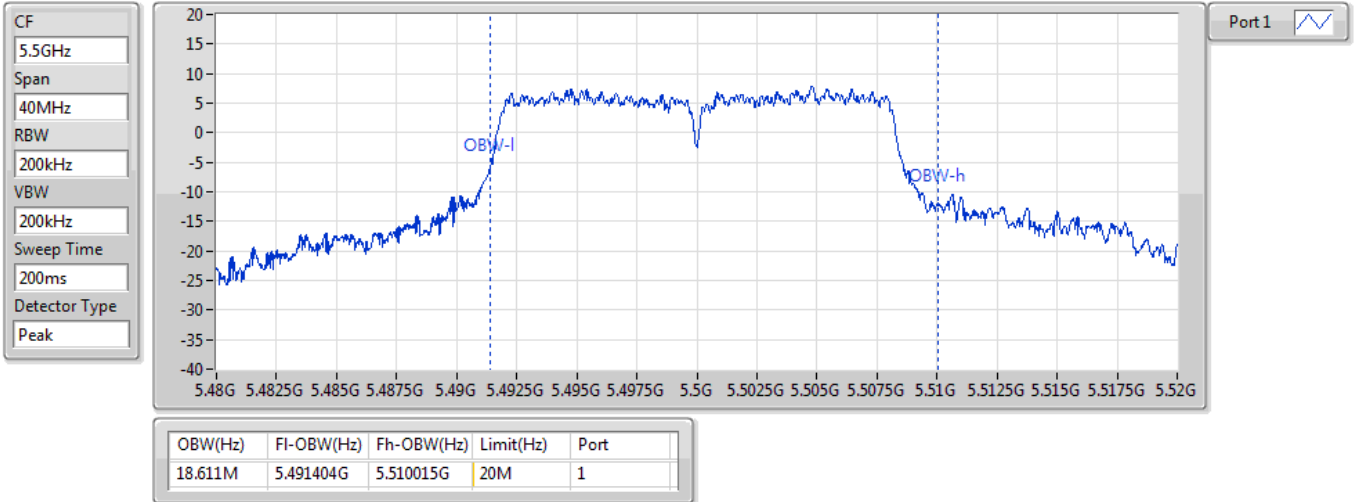


802.11a_Nss1,(6Mbps)_1TX

OBW

5500MHz_TnomVnom

11/01/2022

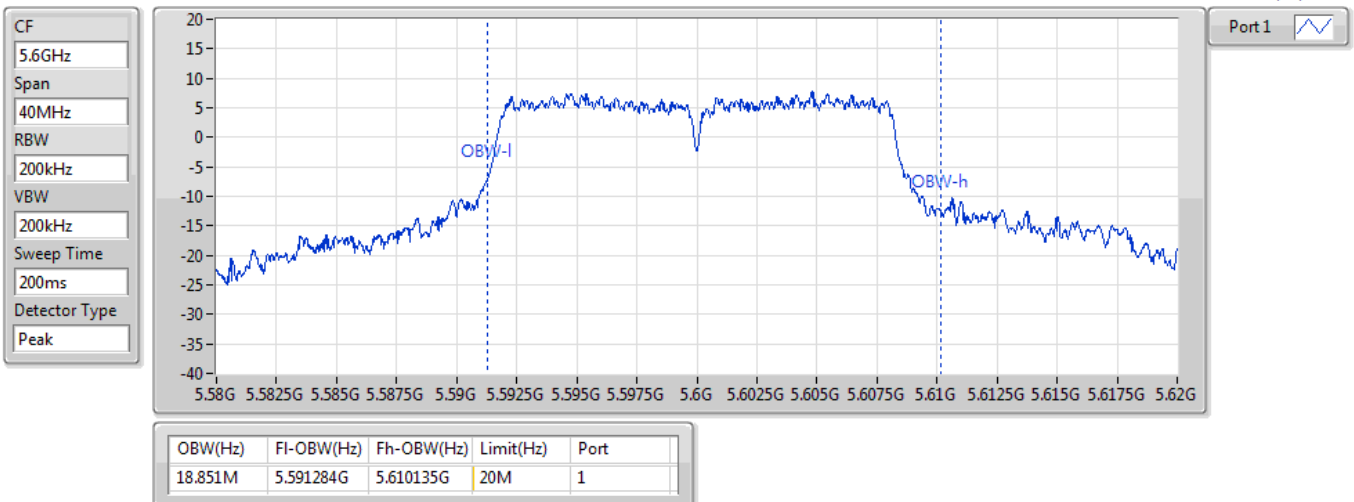


802.11a_Nss1,(6Mbps)_1TX

OBW

5600MHz_TnomVnom

11/01/2022

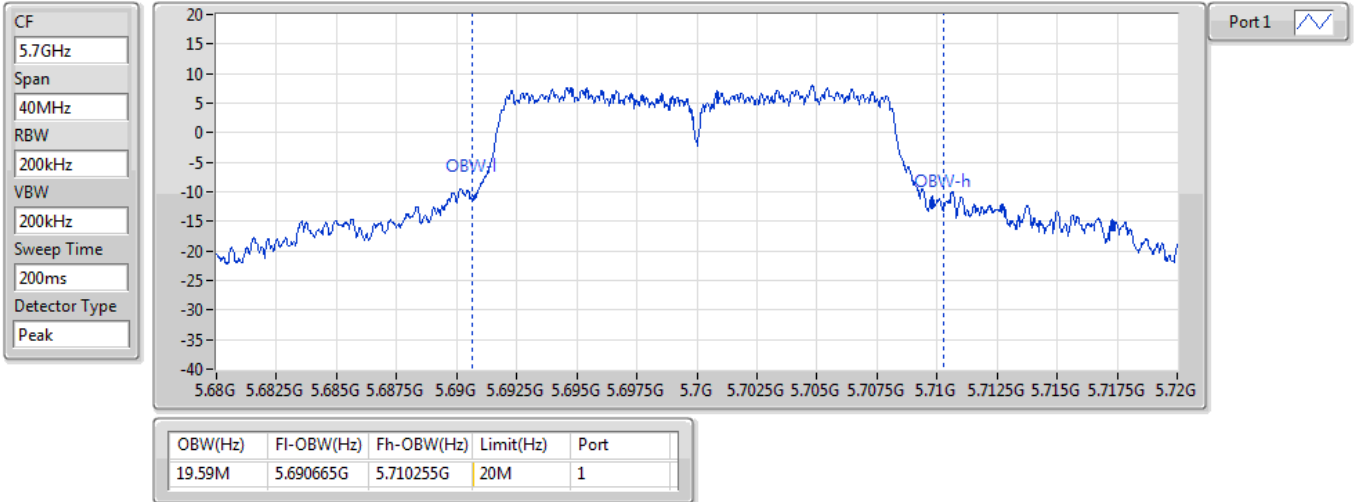


802.11a_Nss1,(6Mbps)_1TX

OBW

5700MHz_TnomVnom

11/01/2022

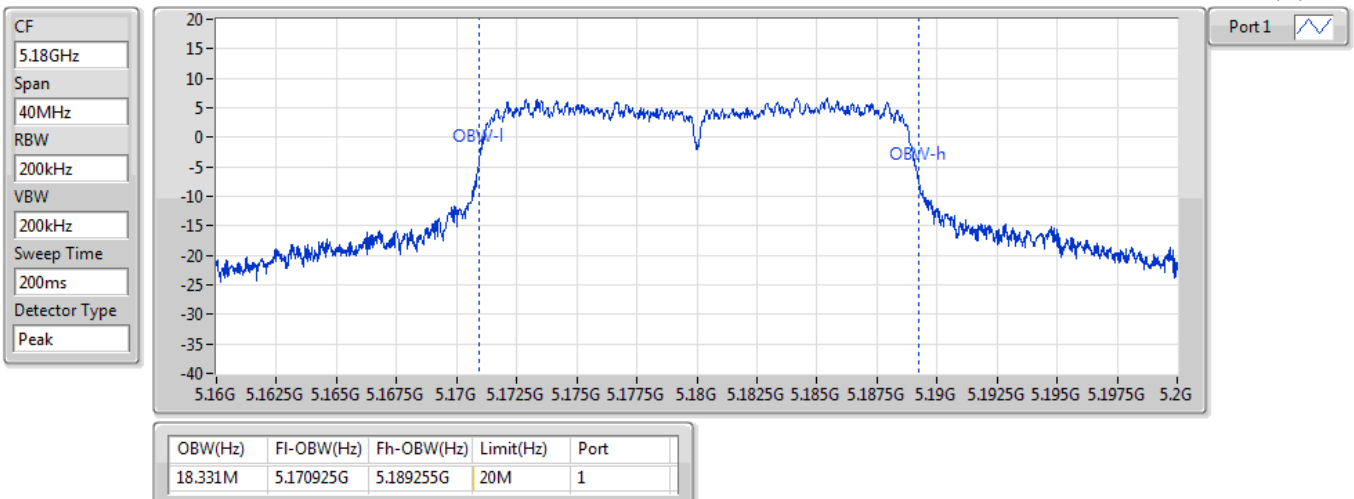


802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5180MHz_TnomVnom

11/01/2022

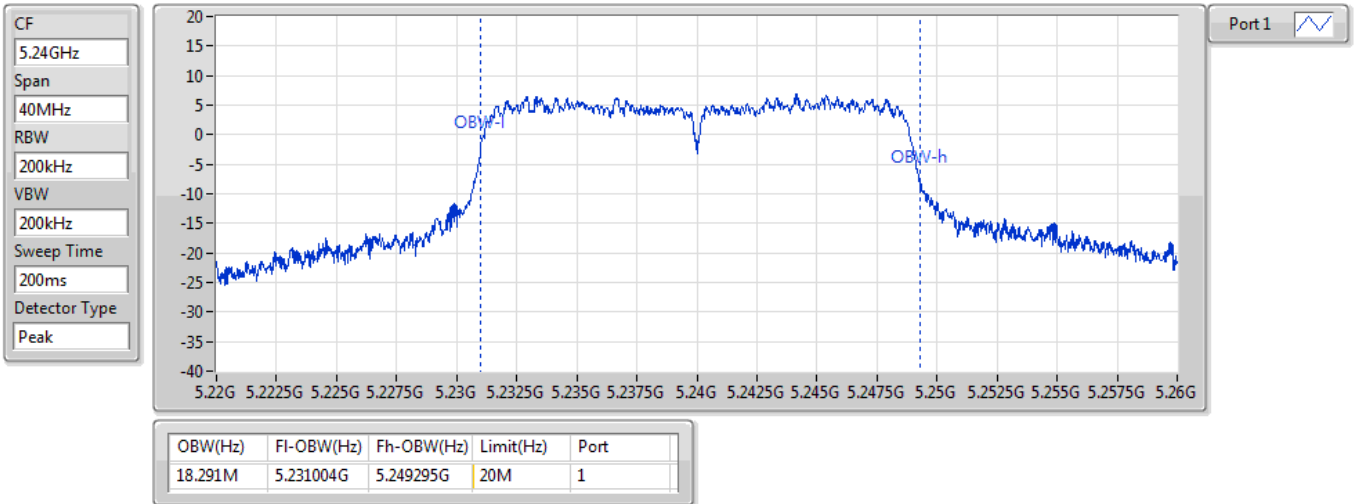


802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5240MHz_TnomVnom

11/01/2022

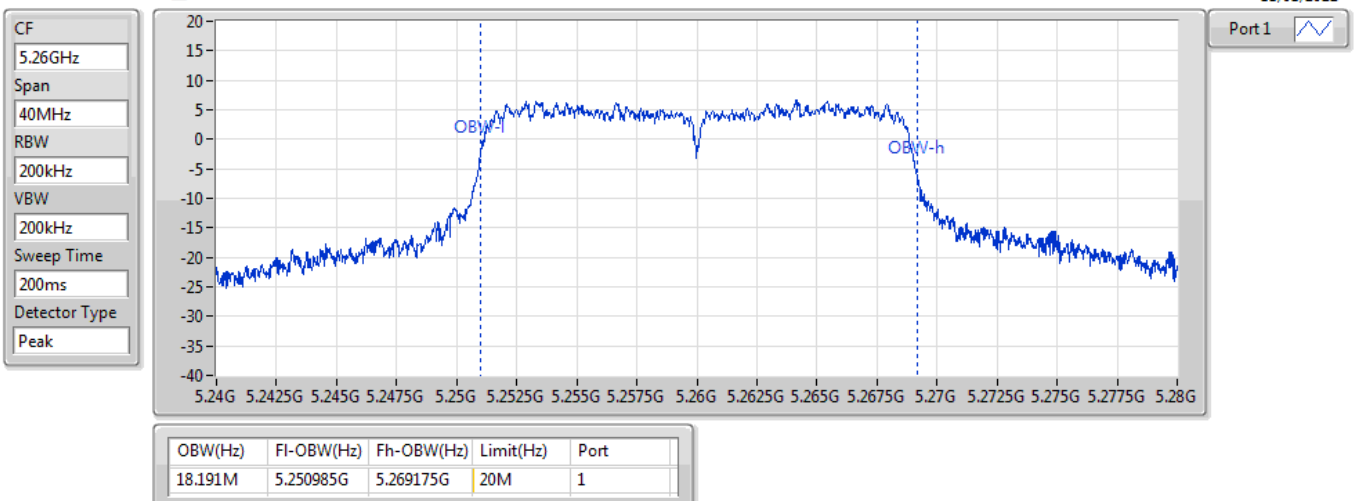


802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5260MHz_TnomVnom

11/01/2022

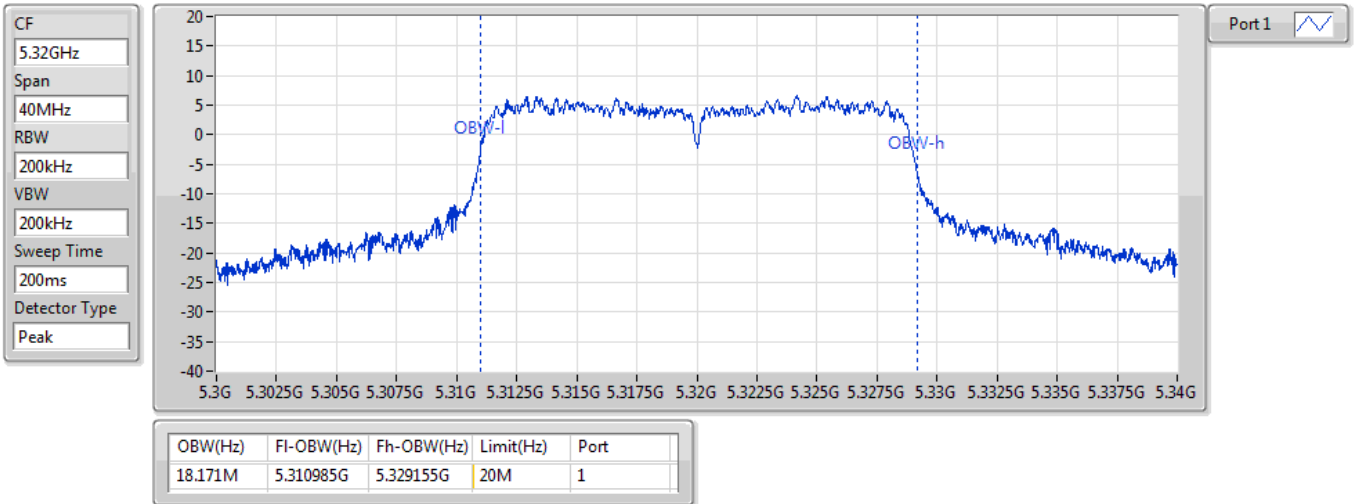


802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5320MHz_TnomVnom

11/01/2022

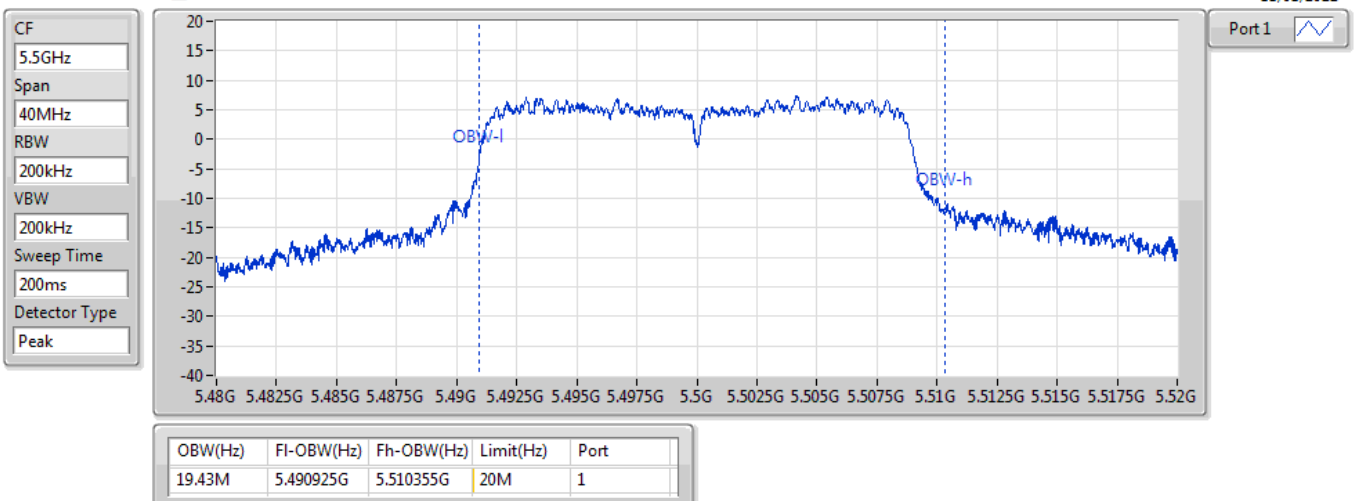


802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5500MHz_TnomVnom

11/01/2022

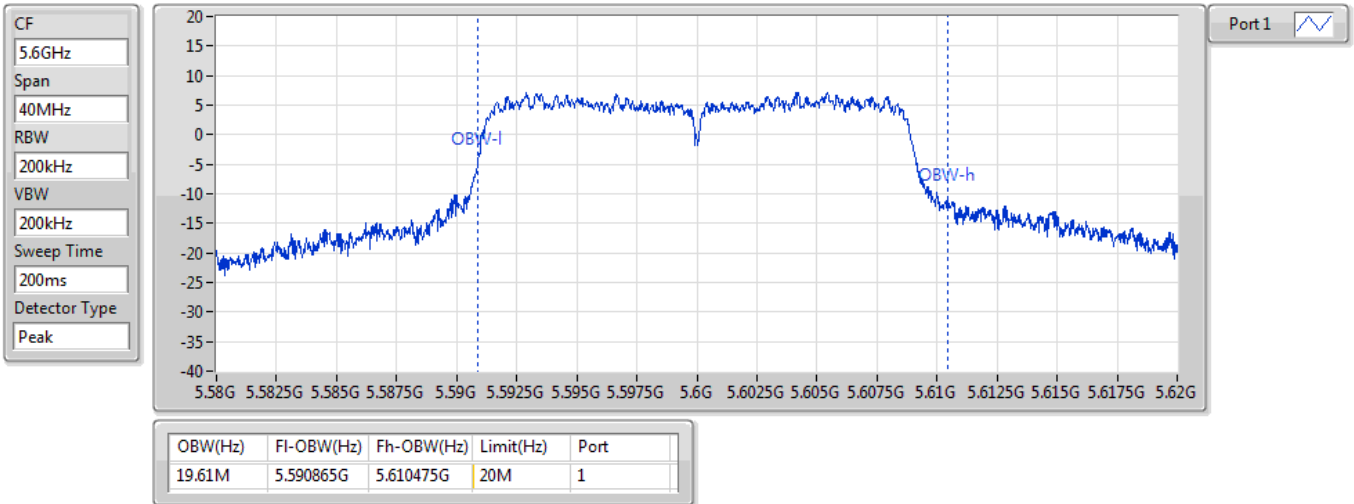


802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5600MHz_TnomVnom

11/01/2022

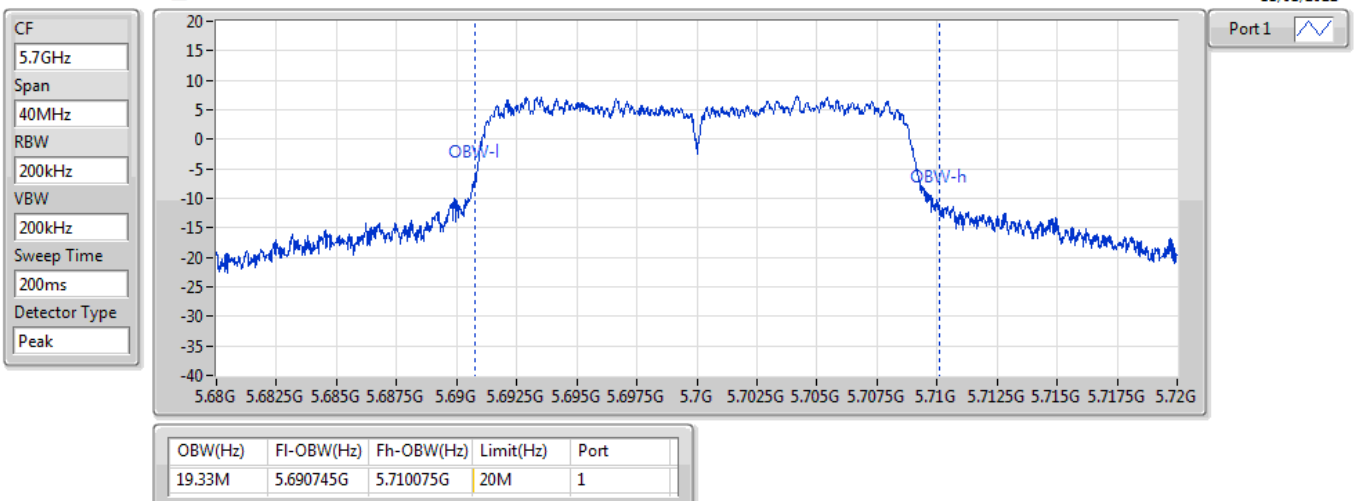


802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5700MHz_TnomVnom

11/01/2022

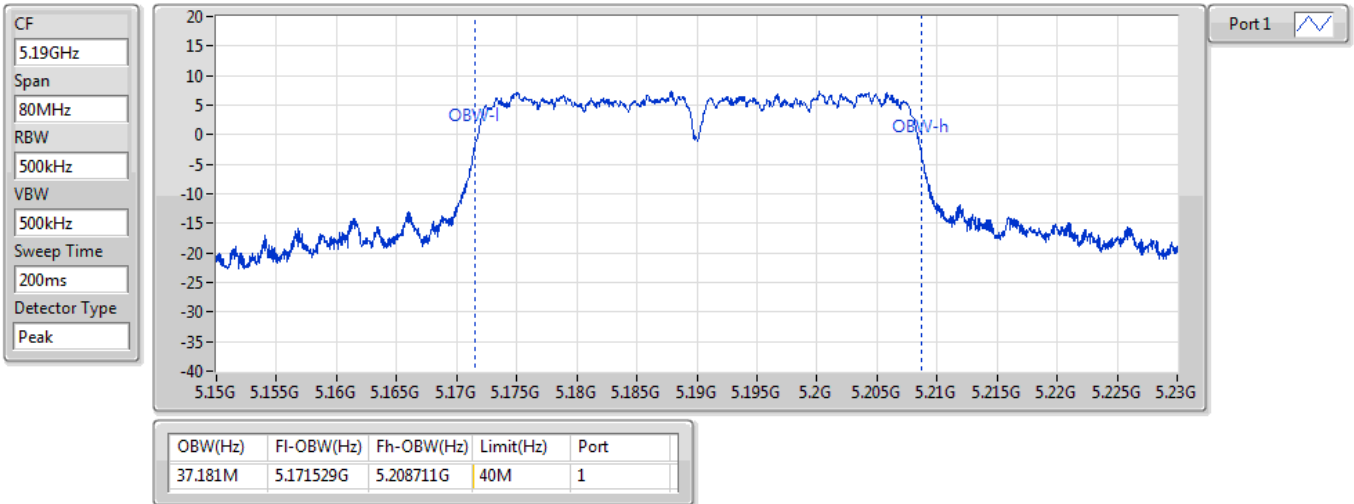


802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5190MHz_TnomVnom

11/01/2022

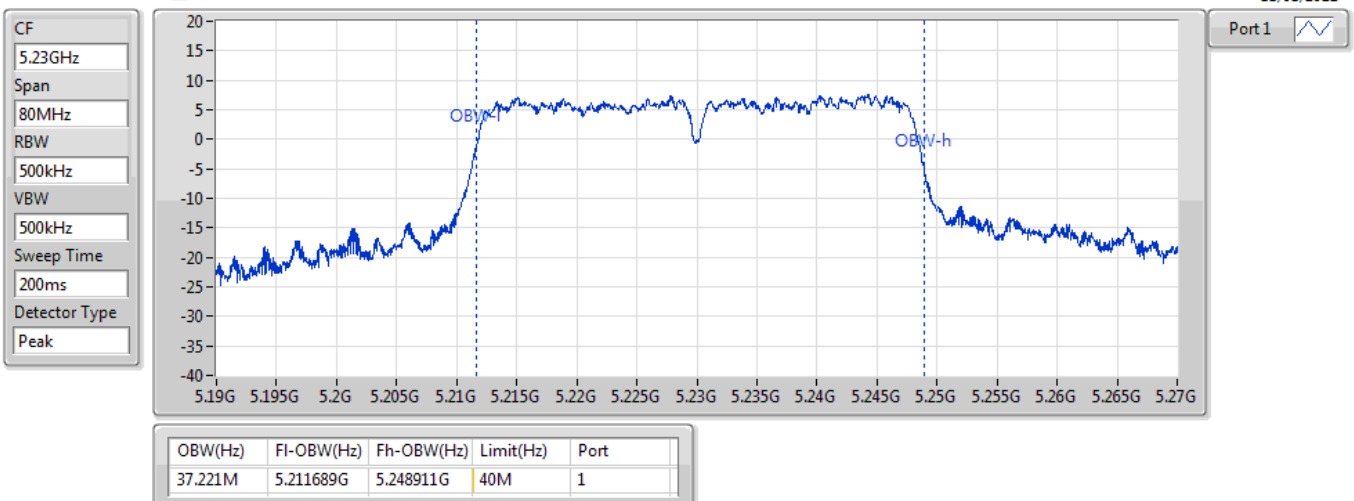


802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5230MHz_TnomVnom

11/01/2022

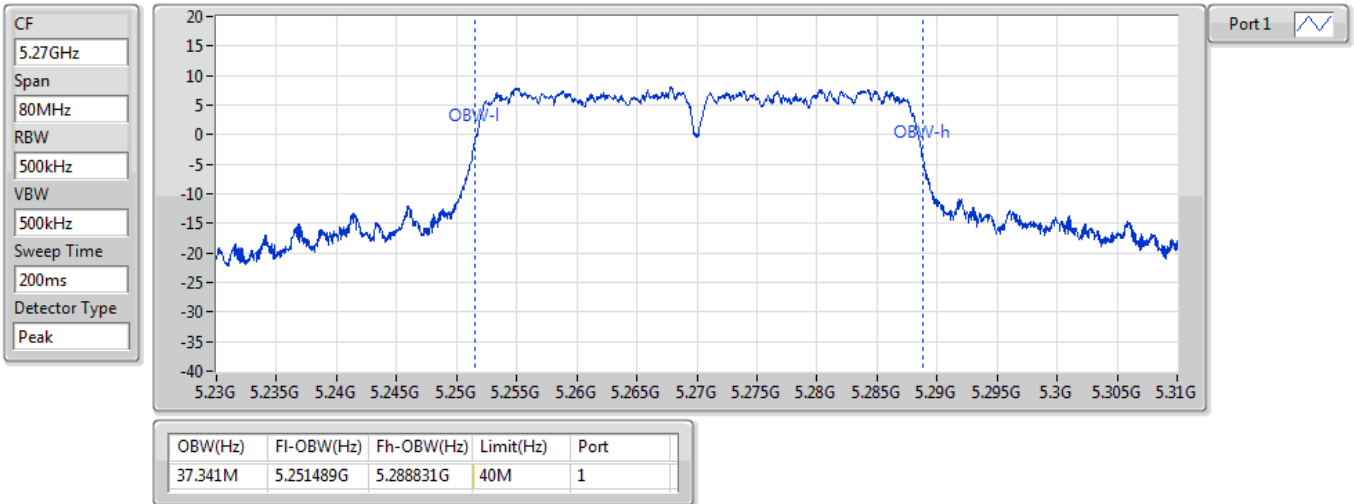


802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5270MHz_TnomVnom

11/01/2022

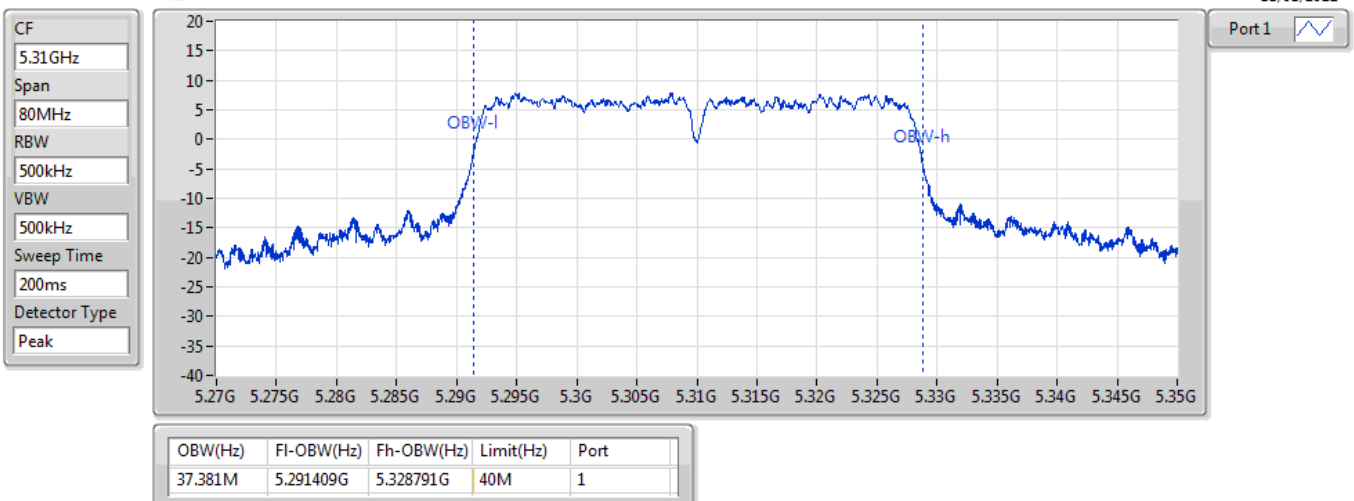


802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5310MHz_TnomVnom

11/01/2022

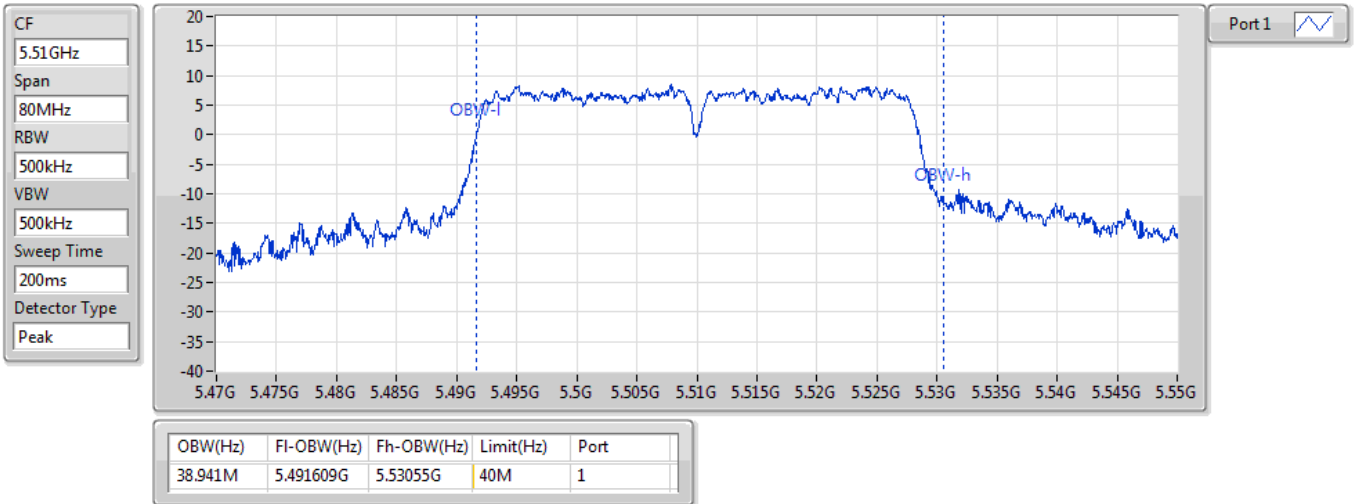


802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5510MHz_TnomVnom

11/01/2022

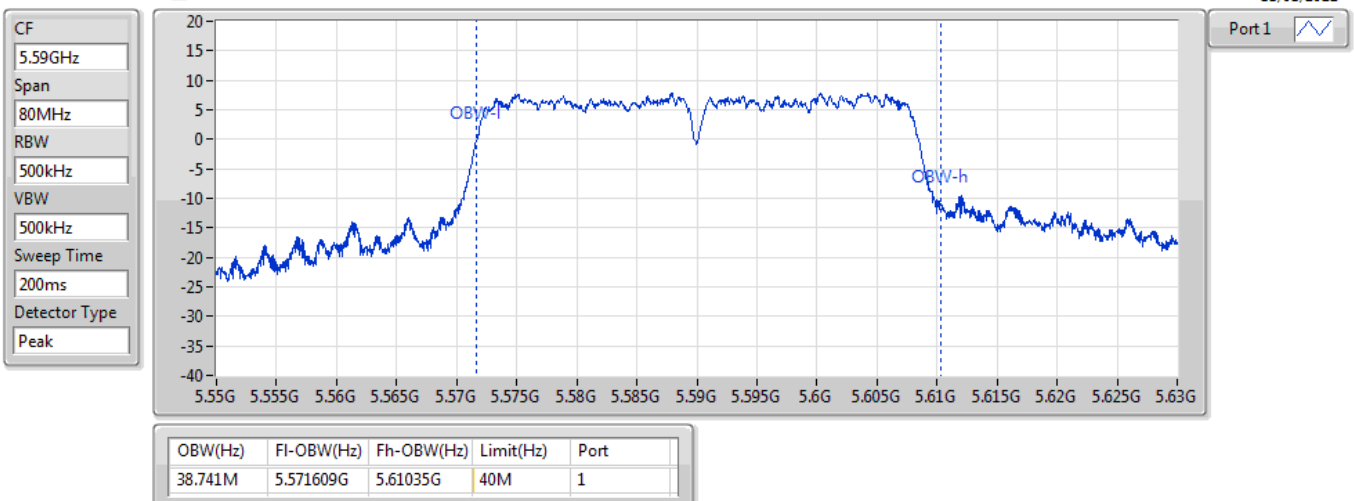


802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5590MHz_TnomVnom

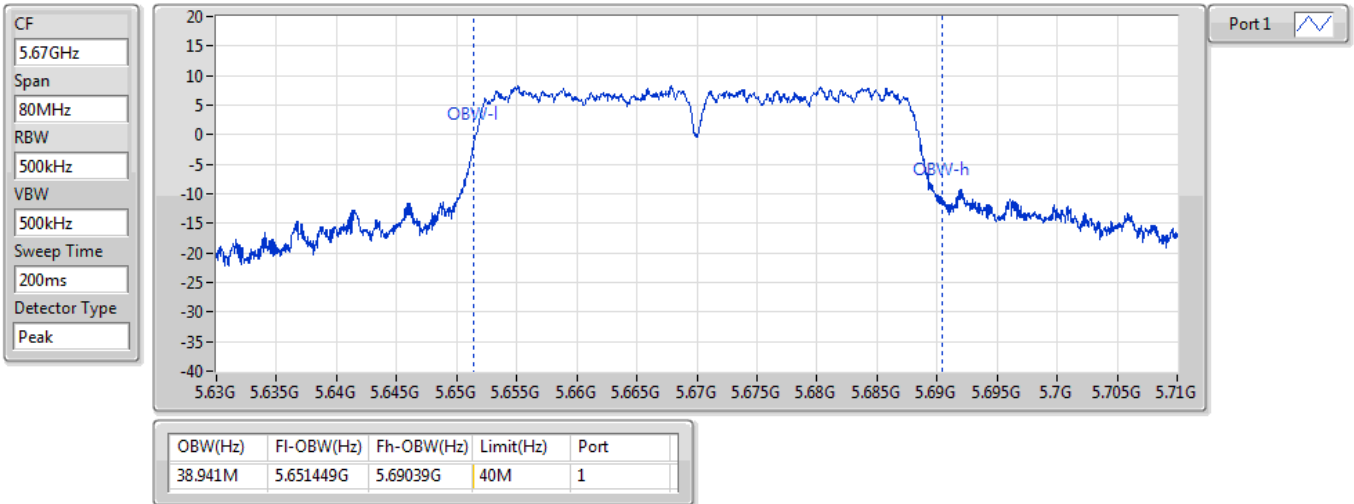
11/01/2022



802.11ac VHT40_Nss1,(MCS0)_1TX 5670MHz_TnomVnom

OBW

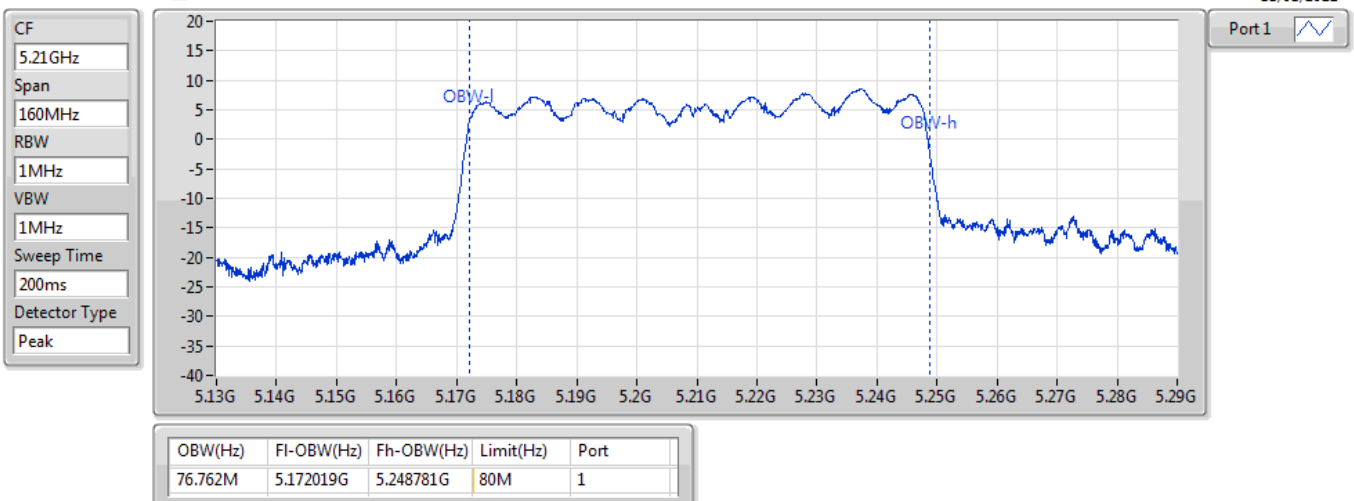
11/01/2022



802.11ac VHT80_Nss1,(MCS0)_1TX 5210MHz_TnomVnom

OBW

11/01/2022

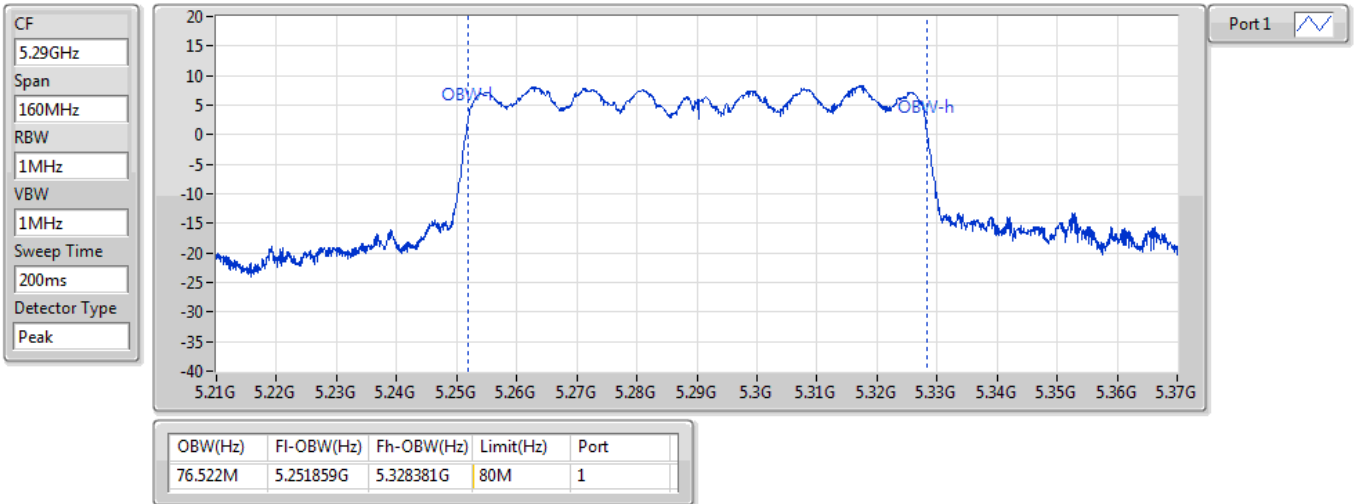


802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

5290MHz_TnomVnom

11/01/2022

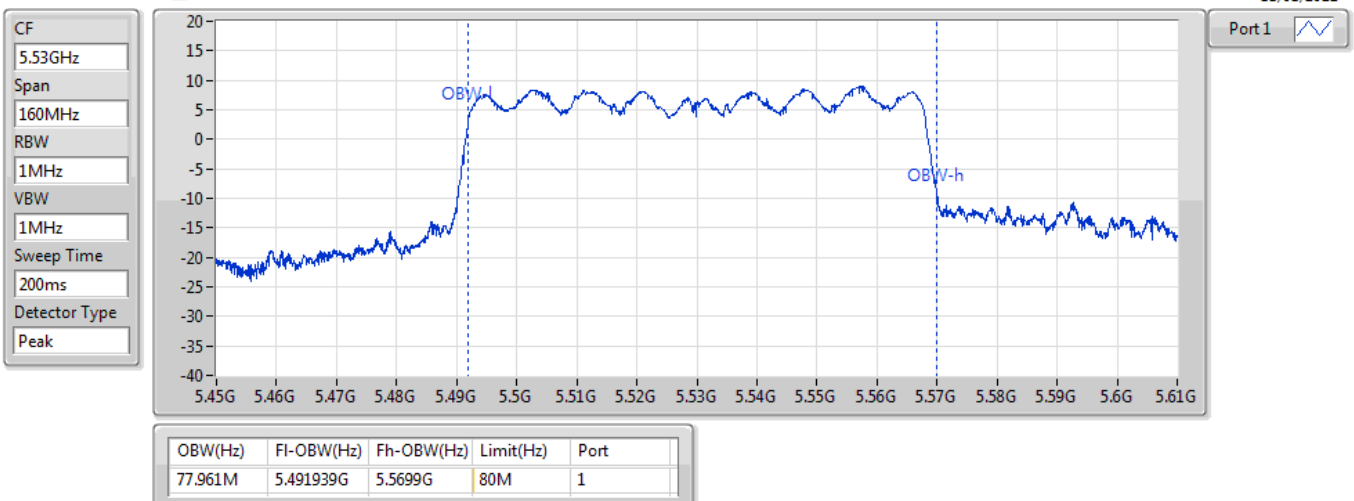


802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

5530MHz_TnomVnom

11/01/2022

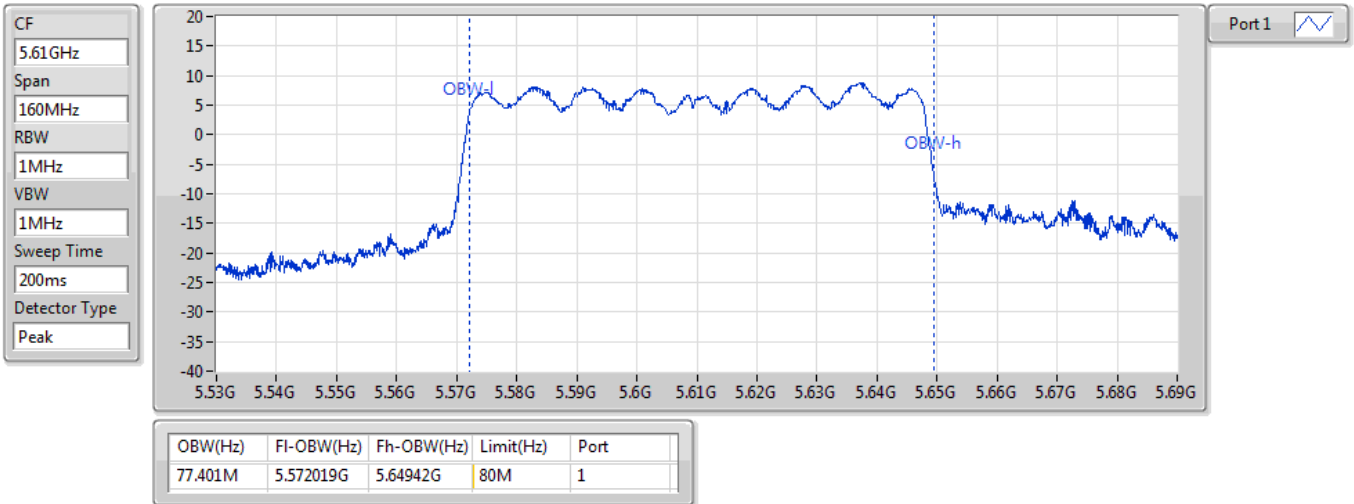


802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

5610MHz_TnomVnom

11/01/2022



Summary

Mode	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	EIRP Antenna Power (dBm/MHz)	EIRP Antenna Power (mW/MHz)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	5.98	3.96278	9.48	8.87156
802.11ac VHT20_Nss1,(MCS0)_1TX	6.40	4.36516	9.90	9.77237
802.11ac VHT40_Nss1,(MCS0)_1TX	3.11	2.04644	6.61	4.58142
802.11ac VHT80_Nss1,(MCS0)_1TX	0.27	1.06414	3.77	2.38232
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	6.22	4.18794	9.72	9.37562
802.11ac VHT20_Nss1,(MCS0)_1TX	6.25	4.21697	9.75	9.44061
802.11ac VHT40_Nss1,(MCS0)_1TX	3.20	2.08930	6.70	4.67735
802.11ac VHT80_Nss1,(MCS0)_1TX	0.04	1.00925	3.54	2.25944
5.47-5.73GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	7.48	5.59758	10.98	12.53141
802.11ac VHT20_Nss1,(MCS0)_1TX	6.95	4.95450	10.45	11.09175
802.11ac VHT40_Nss1,(MCS0)_1TX	3.80	2.39883	7.30	5.37032
802.11ac VHT80_Nss1,(MCS0)_1TX	0.78	1.19674	4.28	2.67917

Result

Mode	Result	Gain (dBi)	P1 (dBm/MHz)	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Antenna Power Lim. (mW/MHz)	EIRP Antenna Power (dBm/MHz)	EIRP Antenna Power (mW/MHz)	EIRP Antenna Power Lim. (mW/MHz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.50	5.91	5.91	3.89942	10	9.41	8.72971	10
5240MHz_TnomVnom	Pass	3.50	5.98	5.98	3.96278	10	9.48	8.87156	10
5260MHz_TnomVnom	Pass	3.50	6.12	6.12	4.09261	10	9.62	9.16220	10
5320MHz_TnomVnom	Pass	3.50	6.22	6.22	4.18794	10	9.72	9.37562	10
5500MHz_TnomVnom	Pass	3.50	7.36	7.36	5.44503	10	10.86	12.18990	50
5600MHz_TnomVnom	Pass	3.50	7.23	7.23	5.28445	10	10.73	11.83042	50
5700MHz_TnomVnom	Pass	3.50	7.48	7.48	5.59758	10	10.98	12.53141	50
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.50	6.21	6.21	4.17830	10	9.71	9.35406	10
5240MHz_TnomVnom	Pass	3.50	6.40	6.40	4.36516	10	9.90	9.77237	10
5260MHz_TnomVnom	Pass	3.50	6.25	6.25	4.21697	10	9.75	9.44061	10
5320MHz_TnomVnom	Pass	3.50	6.10	6.10	4.07380	10	9.60	9.12011	10
5500MHz_TnomVnom	Pass	3.50	6.95	6.95	4.95450	10	10.45	11.09175	50
5600MHz_TnomVnom	Pass	3.50	6.86	6.86	4.85289	10	10.36	10.86426	50
5700MHz_TnomVnom	Pass	3.50	6.85	6.85	4.84172	10	10.35	10.83927	50
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	3.50	2.76	2.76	1.88799	5	6.26	4.22669	5
5230MHz_TnomVnom	Pass	3.50	3.11	3.11	2.04644	5	6.61	4.58142	5
5270MHz_TnomVnom	Pass	3.50	3.20	3.20	2.08930	5	6.70	4.67735	5
5310MHz_TnomVnom	Pass	3.50	3.13	3.13	2.05589	5	6.63	4.60257	5
5510MHz_TnomVnom	Pass	3.50	3.80	3.80	2.39883	5	7.30	5.37032	25
5590MHz_TnomVnom	Pass	3.50	3.34	3.34	2.15774	5	6.84	4.83059	25
5670MHz_TnomVnom	Pass	3.50	3.46	3.46	2.21820	5	6.96	4.96592	25
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	3.50	0.27	0.27	1.06414	2.5	3.77	2.38232	2.5
5290MHz_TnomVnom	Pass	3.50	0.04	0.04	1.00925	2.5	3.54	2.25944	2.5
5530MHz_TnomVnom	Pass	3.50	0.78	0.78	1.19674	2.5	4.28	2.67917	12.5
5610MHz_TnomVnom	Pass	3.50	0.57	0.57	1.14025	2.5	4.07	2.55270	12.5

P1 = Port 1 Antenna Power; P2 = Port 2 Antenna Power; Pn = Port n Antenna Power;
Antenna Power = Sum by P1~Pn;

Summary

Mode	Result	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
5.15-5.25GHz	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	6.40	4.36516	4.36516	0.00	20	-80
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	0.27	1.06414	1.06414	0.00	20	-80
5.25-5.35GHz	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	3.20	2.08930	2.08930	0.00	20	-80
5.47-5.73GHz	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	6.85	4.84172	5.59758	-13.50	50	-50
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	3.34	2.15774	2.39883	-10.05	50	-50
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	0.57	1.14025	1.19674	-4.72	50	-50

Result

Mode	Result	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.91	3.89942	4.36516	-10.67	20	-80
5240MHz_TnomVnom	Pass	5.98	3.96278	4.36516	-9.22	20	-80
5260MHz_TnomVnom	Pass	6.12	4.09261	4.36516	-6.24	20	-80
5320MHz_TnomVnom	Pass	6.22	4.18794	4.36516	-4.06	20	-80
5500MHz_TnomVnom	Pass	7.36	5.44503	5.59758	-2.73	50	-50
5600MHz_TnomVnom	Pass	7.23	5.28445	5.59758	-5.59	50	-50
5700MHz_TnomVnom	Pass	7.48	5.59758	5.59758	0.00	50	-50
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	6.21	4.17830	4.36516	-4.28	20	-80
5240MHz_TnomVnom	Pass	6.40	4.36516	4.36516	0.00	20	-80
5260MHz_TnomVnom	Pass	6.25	4.21697	4.36516	-3.39	20	-80
5320MHz_TnomVnom	Pass	6.10	4.07380	4.36516	-6.67	20	-80
5500MHz_TnomVnom	Pass	6.95	4.95450	5.59758	-11.49	50	-50
5600MHz_TnomVnom	Pass	6.86	4.85289	5.59758	-13.30	50	-50
5700MHz_TnomVnom	Pass	6.85	4.84172	5.59758	-13.50	50	-50
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	2.76	1.88799	2.08930	-9.64	20	-80
5230MHz_TnomVnom	Pass	3.11	2.04644	2.08930	-2.05	20	-80
5270MHz_TnomVnom	Pass	3.20	2.08930	2.08930	0.00	20	-80
5310MHz_TnomVnom	Pass	3.13	2.05589	2.08930	-1.60	20	-80
5510MHz_TnomVnom	Pass	3.80	2.39883	2.39883	0.00	50	-50
5590MHz_TnomVnom	Pass	3.34	2.15774	2.39883	-10.05	50	-50
5670MHz_TnomVnom	Pass	3.46	2.21820	2.39883	-7.53	50	-50
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	0.27	1.06414	1.06414	0.00	20	-80
5290MHz_TnomVnom	Pass	0.04	1.00925	1.06414	-5.16	20	-80
5530MHz_TnomVnom	Pass	0.78	1.19674	1.19674	0.00	50	-50
5610MHz_TnomVnom	Pass	0.57	1.14025	1.19674	-4.72	50	-50

Summary

Mode	Result	-Adj Ch (dB)	+Adj Ch (dB)	Limit (dB)	-Alt Ch (dB)	+Alt Ch (dB)	Limit (dB)	Port
5.15-5.25GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	30.59	28.28	25	50.86	51.33	40	1
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	29.36	27.06	25	50.18	50.02	40	1
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	30.47	26.83	25	48.57	48.63	40	1
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	30.19	26.57	25	-	-	-	1
5.25-5.35GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	29.39	28.35	25	50.50	51.44	40	1
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	26.80	25.76	25	48.55	48.41	40	1
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	28.88	26.72	25	48.51	48.61	40	1
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	30.13	27.23	25	-	-	-	1
5.47-5.73GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	26.51	25.17	25	49.82	48.77	40	1
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	28.09	25.35	25	48.61	46.86	40	1
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	29.17	25.07	25	48.45	45.77	40	1
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	30.39	25.05	25	-	-	-	1

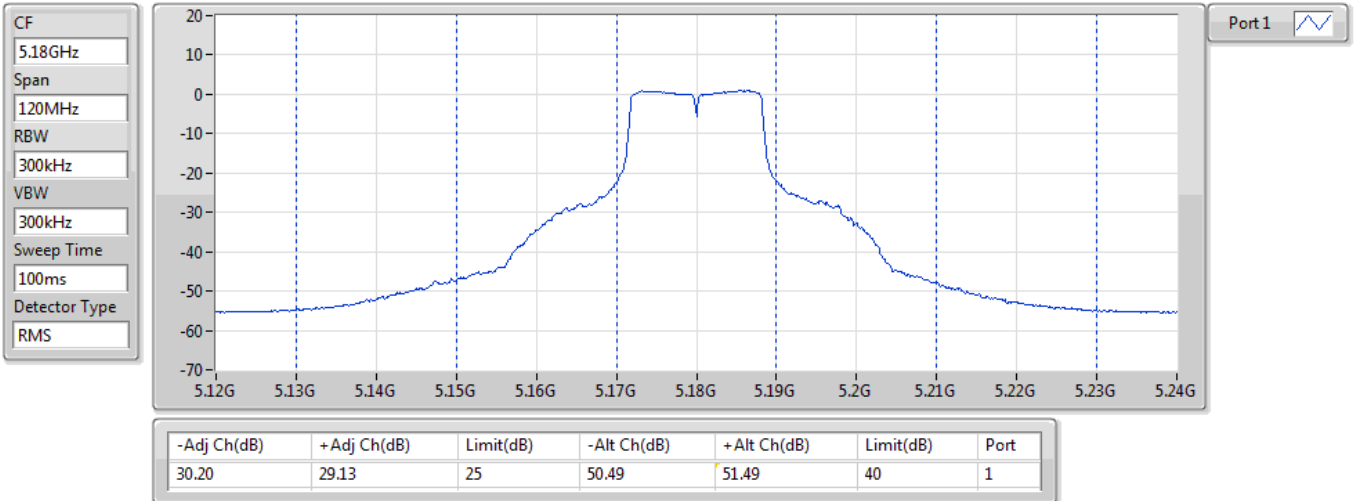
Result

Mode	Result	-Adj Ch (dB)	+Adj Ch (dB)	Limit (dB)	-Alt Ch (dB)	+Alt Ch (dB)	Limit (dB)	Port
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30.20	29.13	25	50.49	51.49	40	1
5240MHz_TnomVnom	Pass	30.59	28.28	25	50.86	51.33	40	1
5260MHz_TnomVnom	Pass	30.48	28.85	25	50.88	51.79	40	1
5320MHz_TnomVnom	Pass	29.39	28.35	25	50.50	51.44	40	1
5500MHz_TnomVnom	Pass	28.29	25.41	25	49.42	47.32	40	1
5600MHz_TnomVnom	Pass	27.82	25.26	25	48.90	47.42	40	1
5700MHz_TnomVnom	Pass	26.51	25.17	25	49.82	48.77	40	1
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	28.28	27.19	25	49.48	50.02	40	1
5240MHz_TnomVnom	Pass	29.36	27.06	25	50.18	50.02	40	1
5260MHz_TnomVnom	Pass	29.25	27.57	25	50.16	50.69	40	1
5320MHz_TnomVnom	Pass	26.80	25.76	25	48.55	48.41	40	1
5500MHz_TnomVnom	Pass	28.54	25.46	25	49.11	46.74	40	1
5600MHz_TnomVnom	Pass	28.09	25.35	25	48.61	46.86	40	1
5700MHz_TnomVnom	Pass	27.35	25.82	25	49.82	48.73	40	1
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	29.17	27.20	25	47.88	48.24	40	1
5230MHz_TnomVnom	Pass	30.47	26.83	25	48.57	48.63	40	1
5270MHz_TnomVnom	Pass	28.88	26.72	25	48.51	48.61	40	1
5310MHz_TnomVnom	Pass	28.35	26.81	25	48.18	48.73	40	1
5510MHz_TnomVnom	Pass	29.17	25.07	25	48.45	45.77	40	1
5590MHz_TnomVnom	Pass	30.53	25.58	25	48.21	46.42	40	1
5670MHz_TnomVnom	Pass	28.70	25.36	25	48.55	46.75	40	1
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	30.19	26.57	25	-	-	-	1
5290MHz_TnomVnom	Pass	30.13	27.23	25	-	-	-	1
5530MHz_TnomVnom	Pass	30.39	25.05	25	-	-	-	1
5610MHz_TnomVnom	Pass	31.54	25.37	25	-	-	-	1

802.11a_Nss1,(6Mbps)_1TX 5180MHz_TnomVnom

ACLR

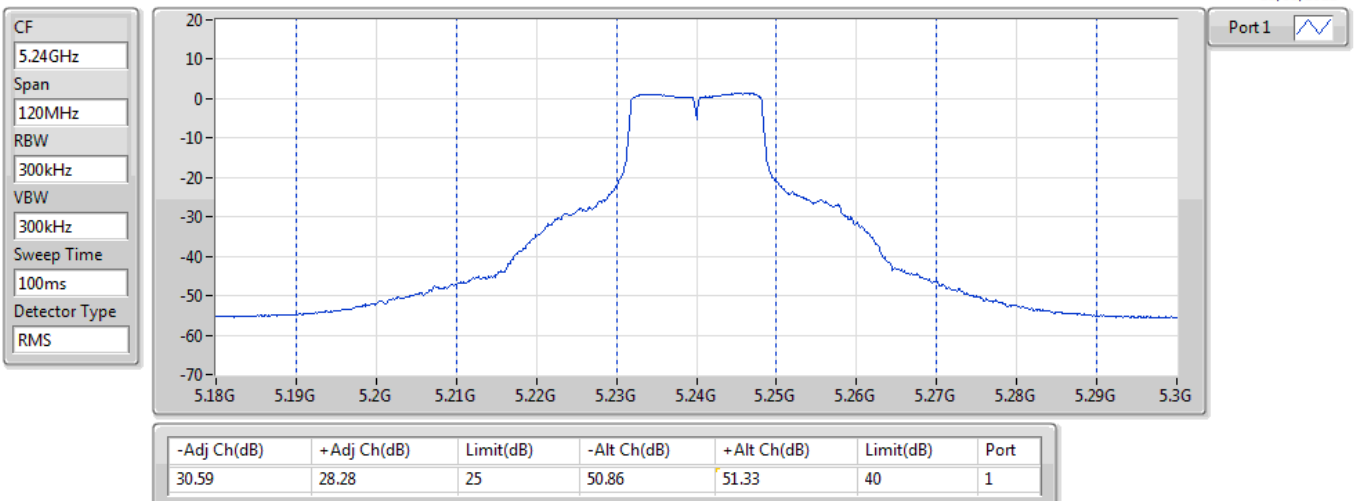
11/01/2022



802.11a_Nss1,(6Mbps)_1TX 5240MHz_TnomVnom

ACLR

11/01/2022

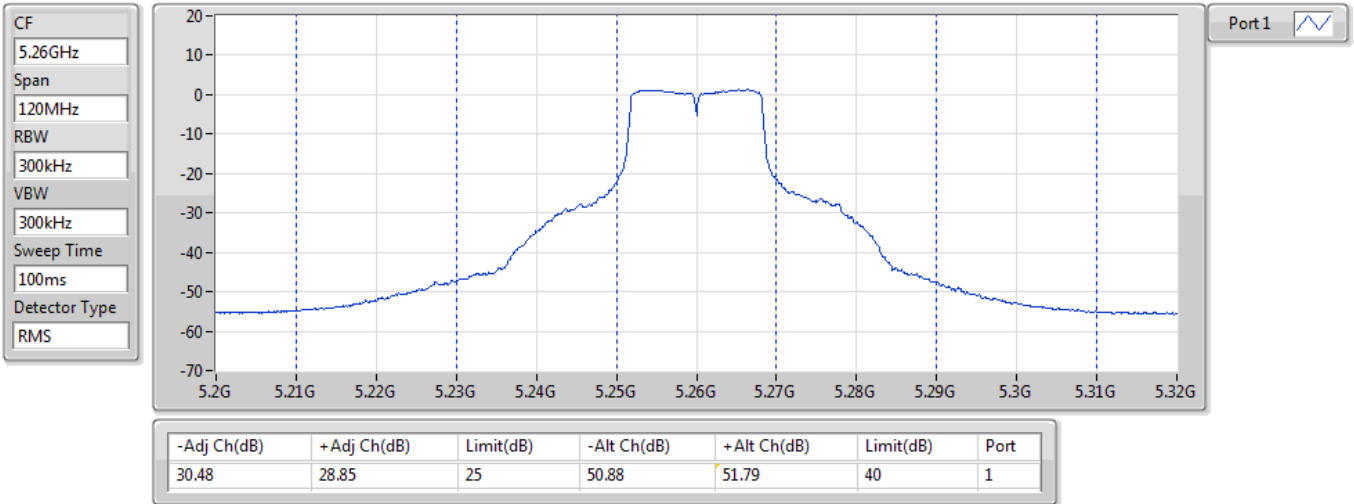


802.11a_Nss1,(6Mbps)_1TX

ACLR

5260MHz_TnomVnom

11/01/2022

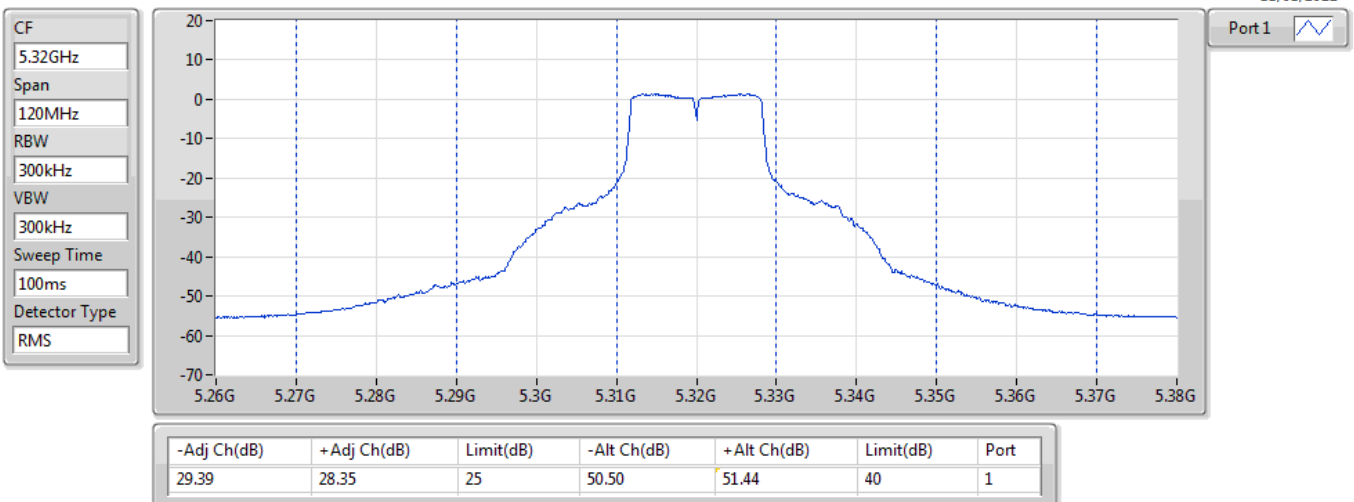


802.11a_Nss1,(6Mbps)_1TX

ACLR

5320MHz_TnomVnom

11/01/2022

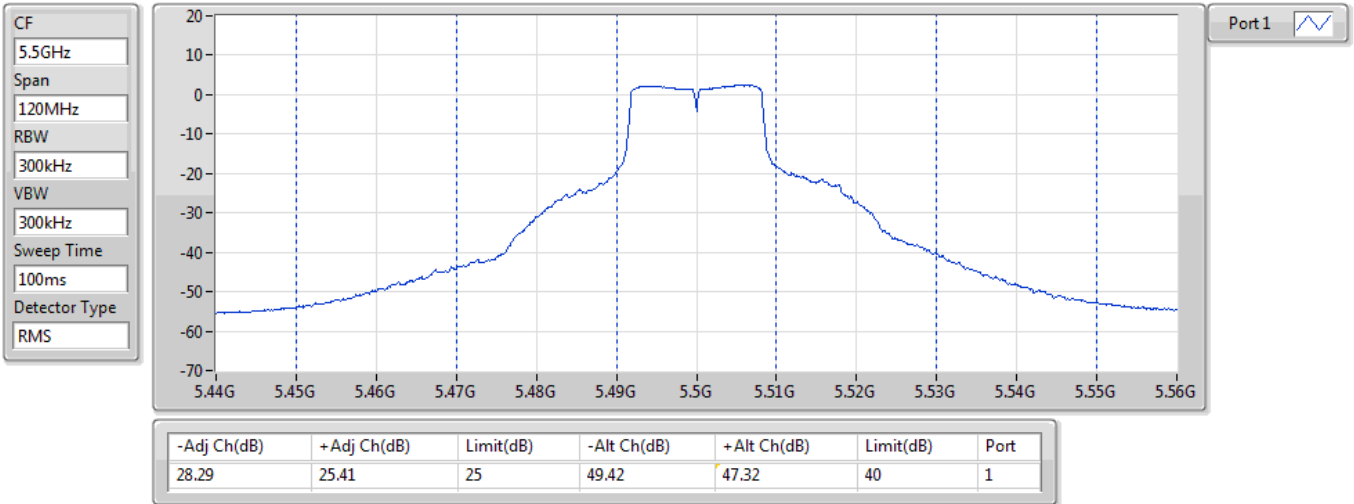


802.11a_Nss1,(6Mbps)_1TX

ACLR

5500MHz_TnomVnom

11/01/2022

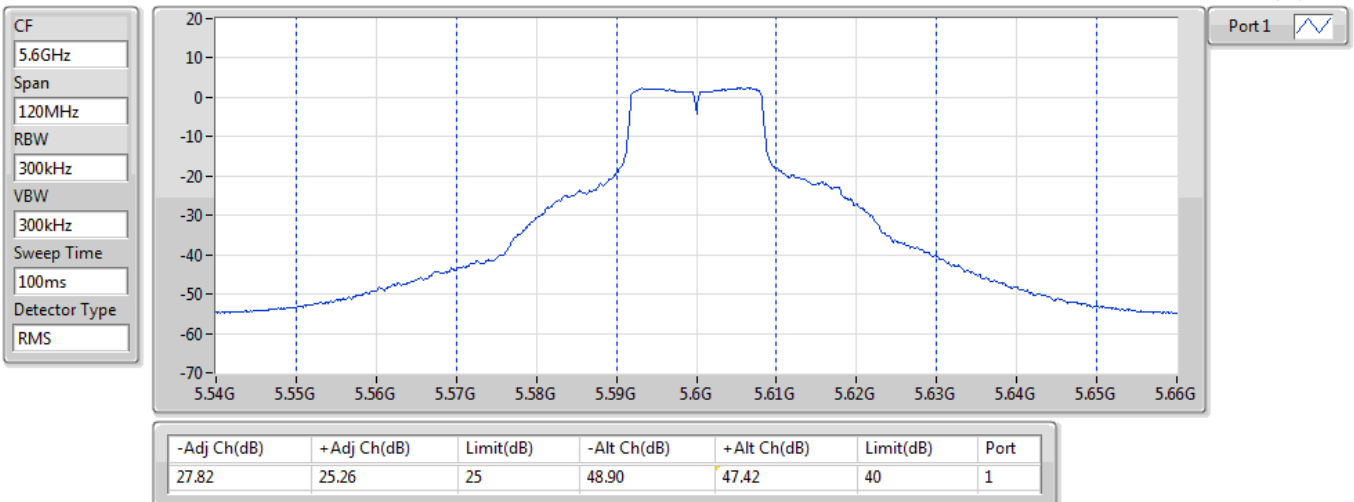


802.11a_Nss1,(6Mbps)_1TX

ACLR

5600MHz_TnomVnom

11/01/2022

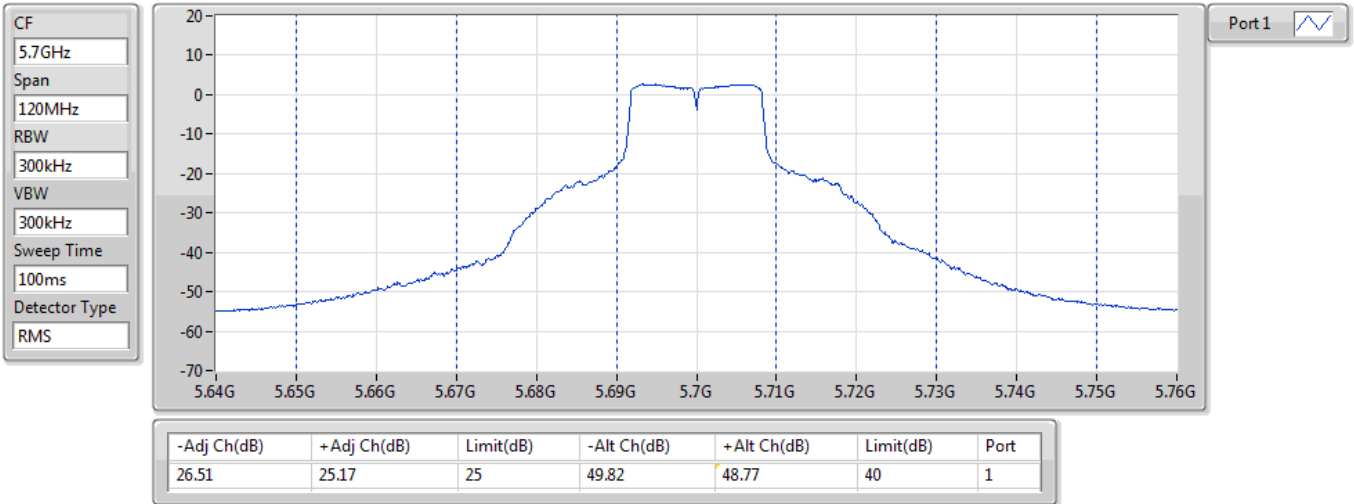


802.11a_Nss1,(6Mbps)_1TX

ACLR

5700MHz_TnomVnom

11/01/2022

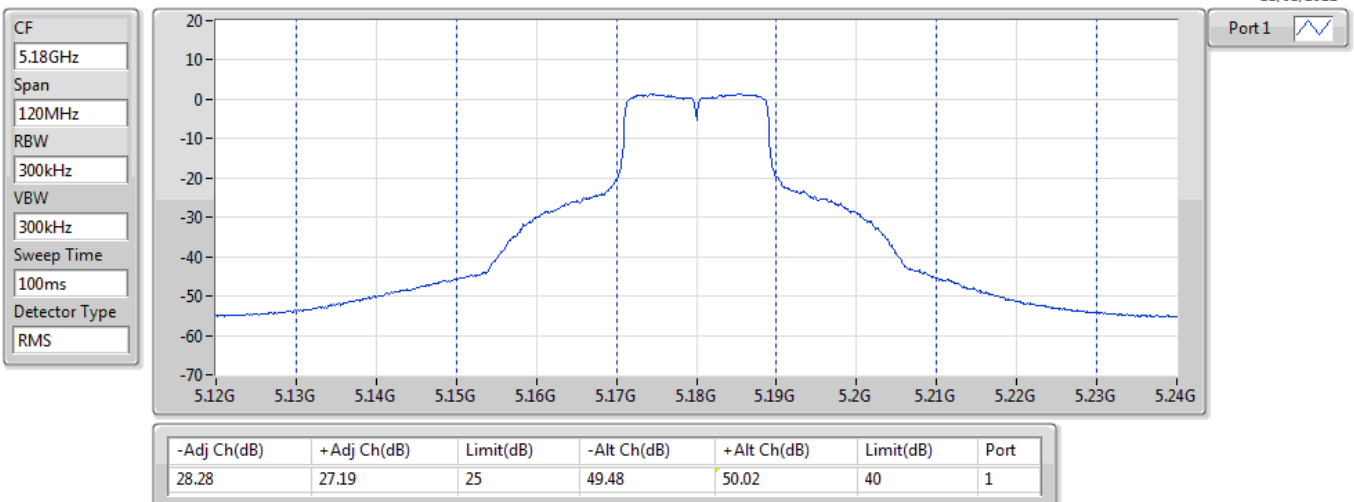


802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

5180MHz_TnomVnom

11/01/2022

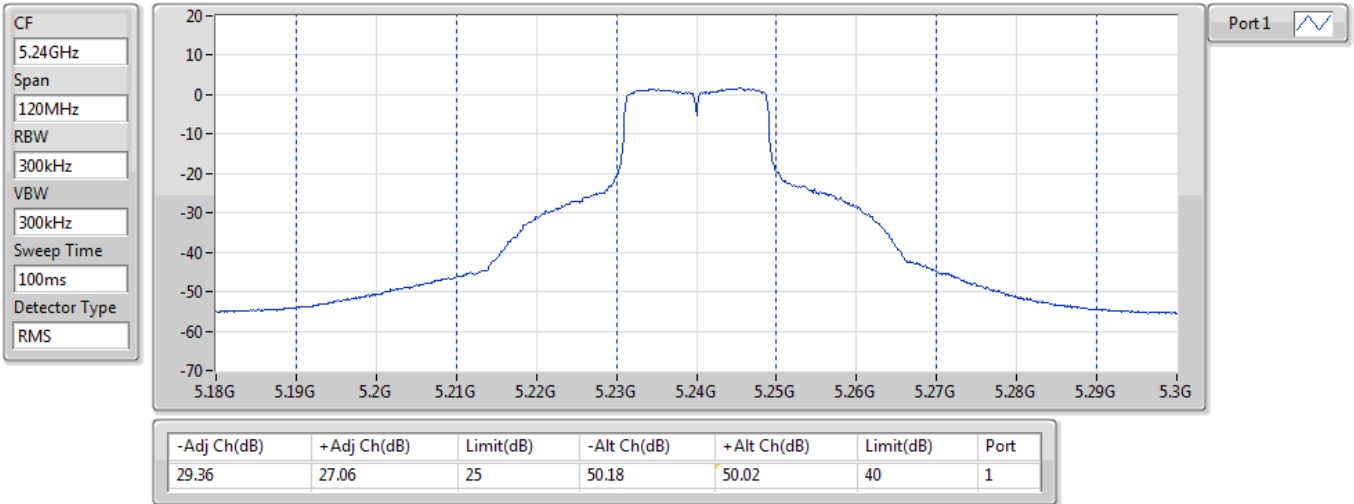


802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

5240MHz_TnomVnom

11/01/2022

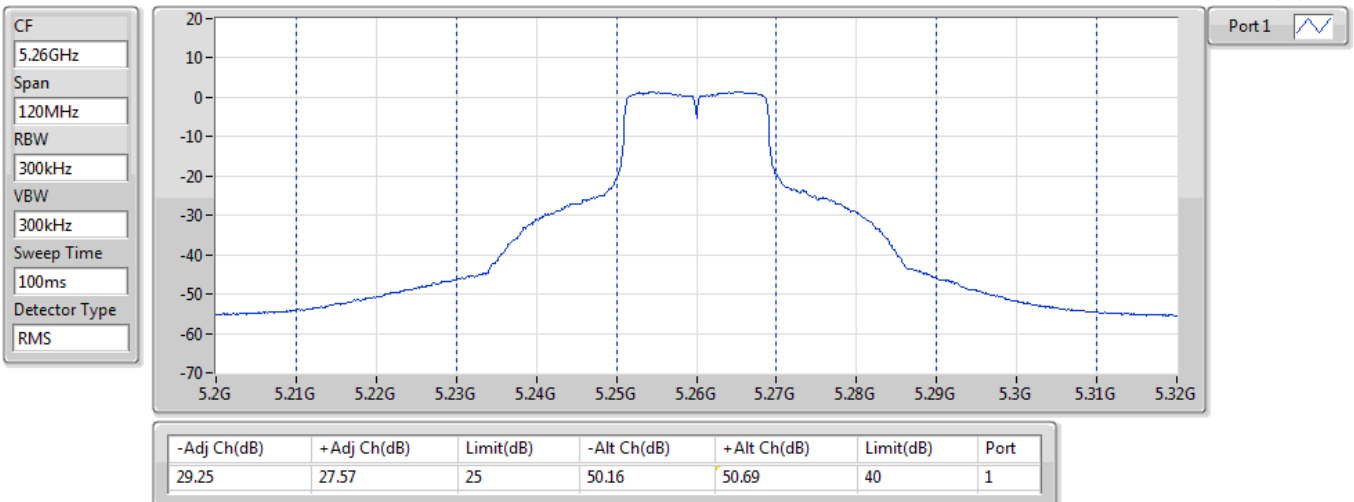


802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

5260MHz_TnomVnom

11/01/2022

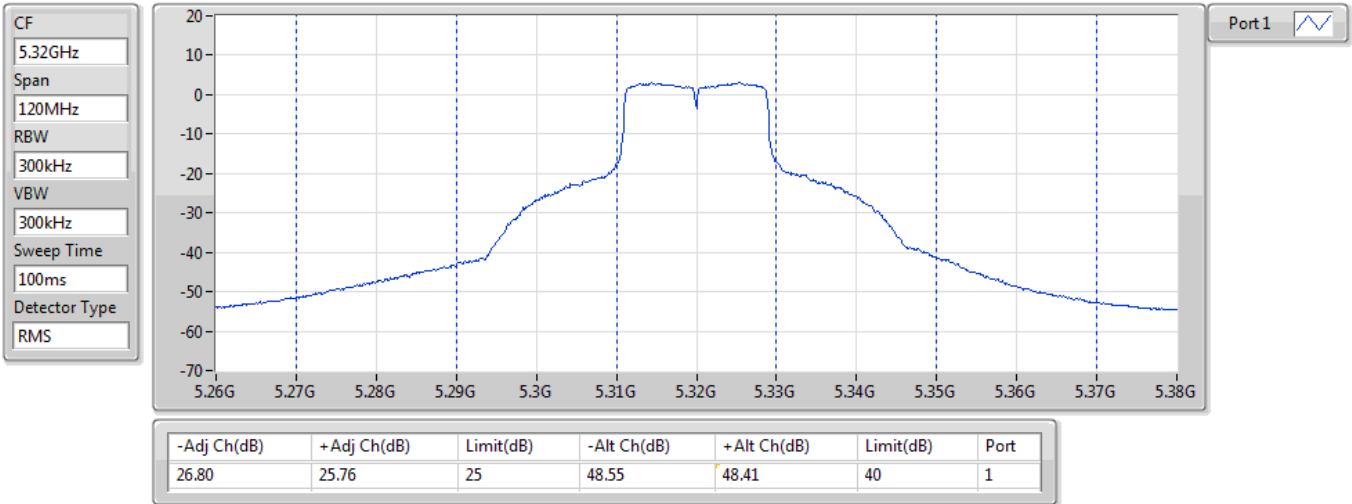


802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

5320MHz_TnomVnom

11/01/2022

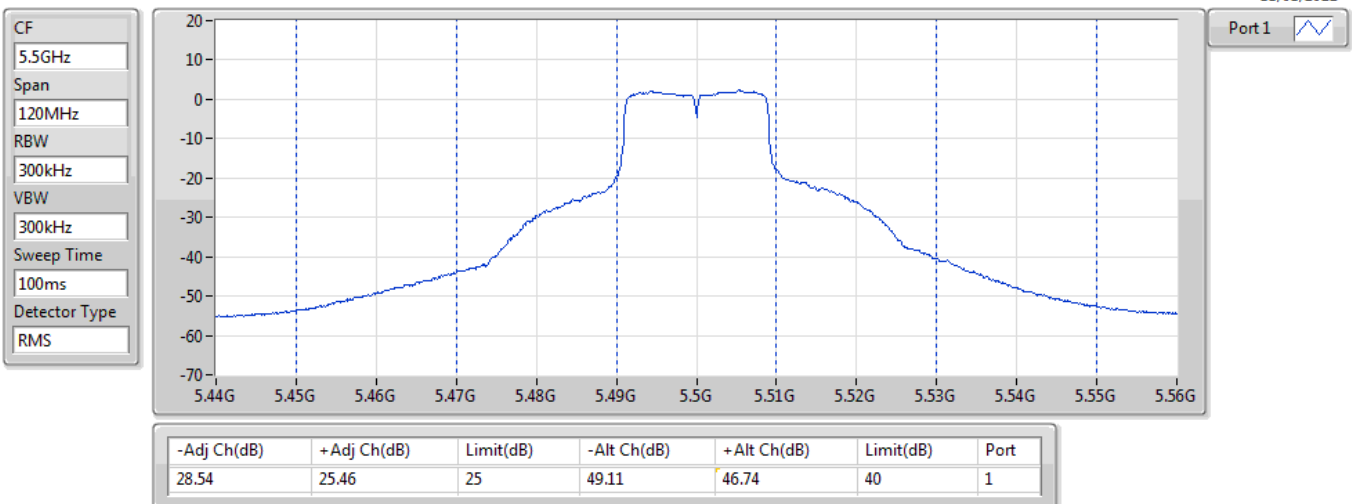


802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

5500MHz_TnomVnom

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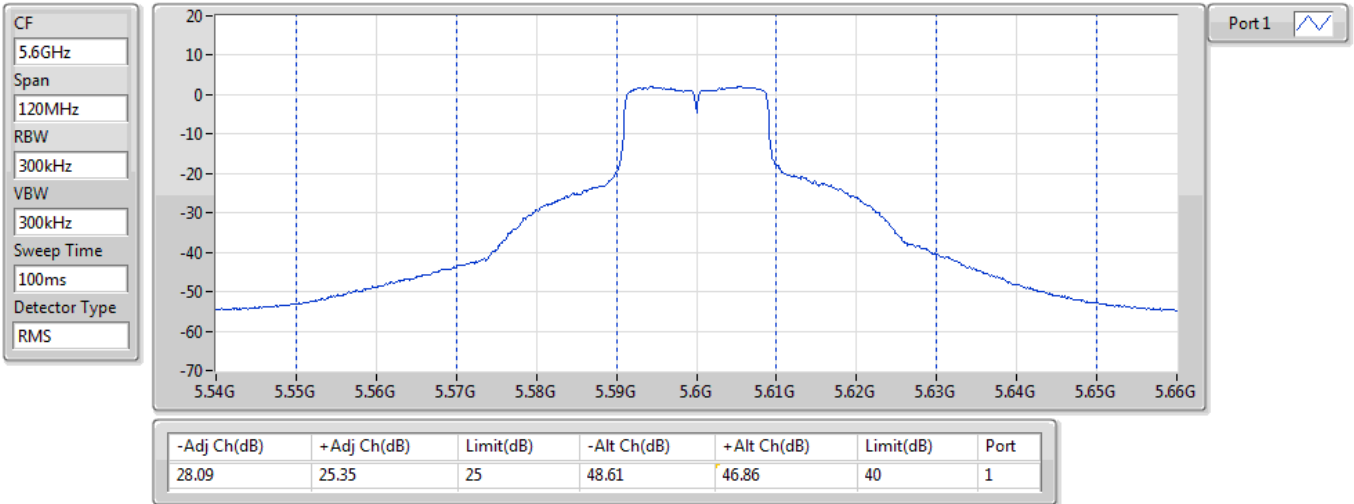


802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

5600MHz_TnomVnom

11/01/2022

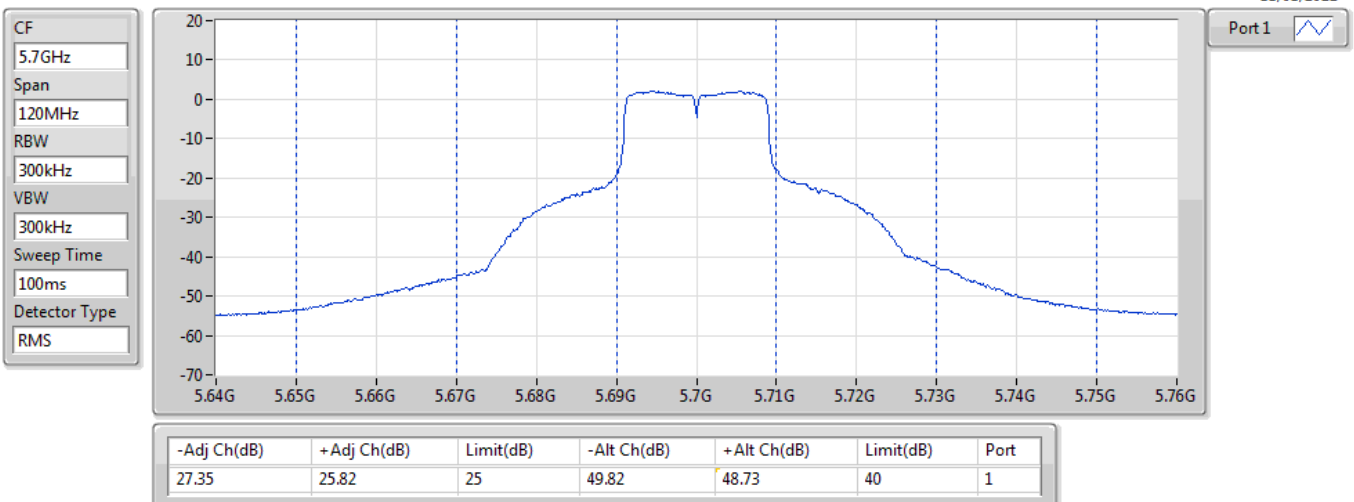


802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

5700MHz_TnomVnom

11/01/2022

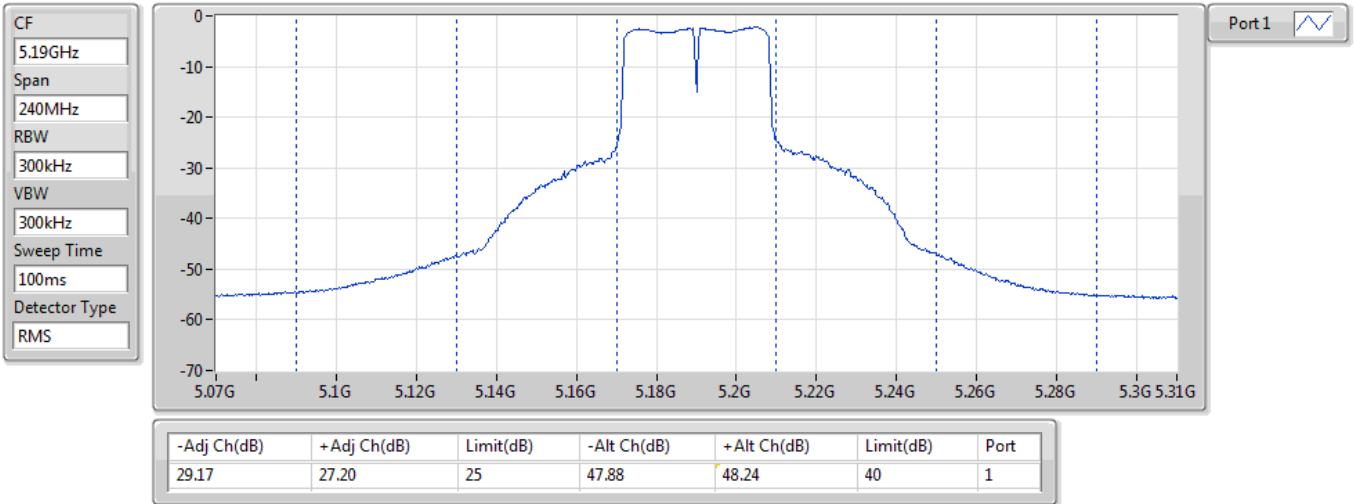


802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

5190MHz_TnomVnom

11/01/2022

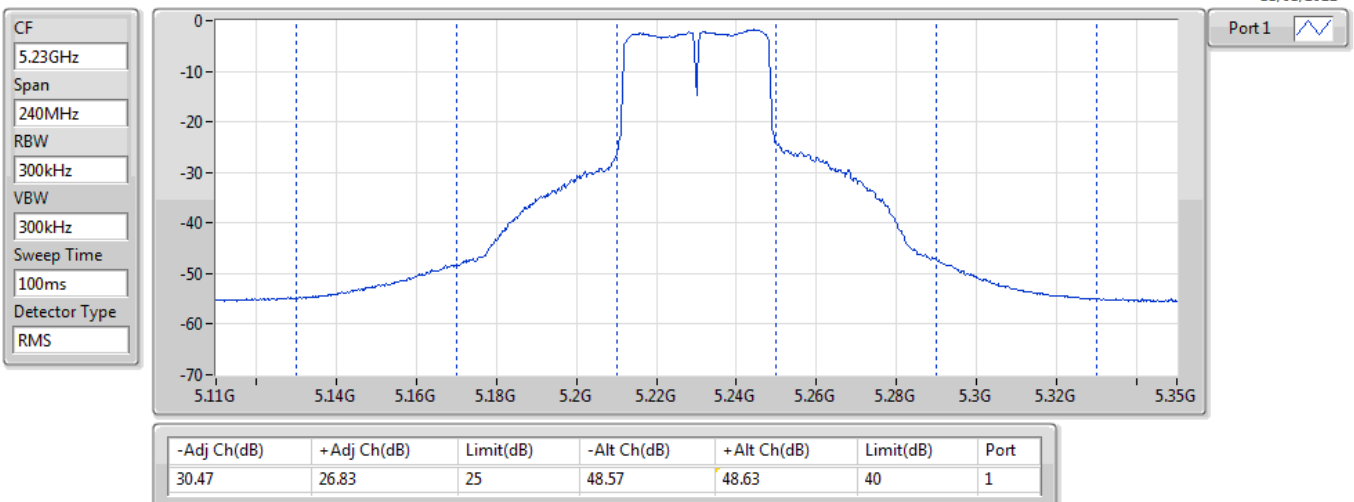


802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

5230MHz_TnomVnom

11/01/2022

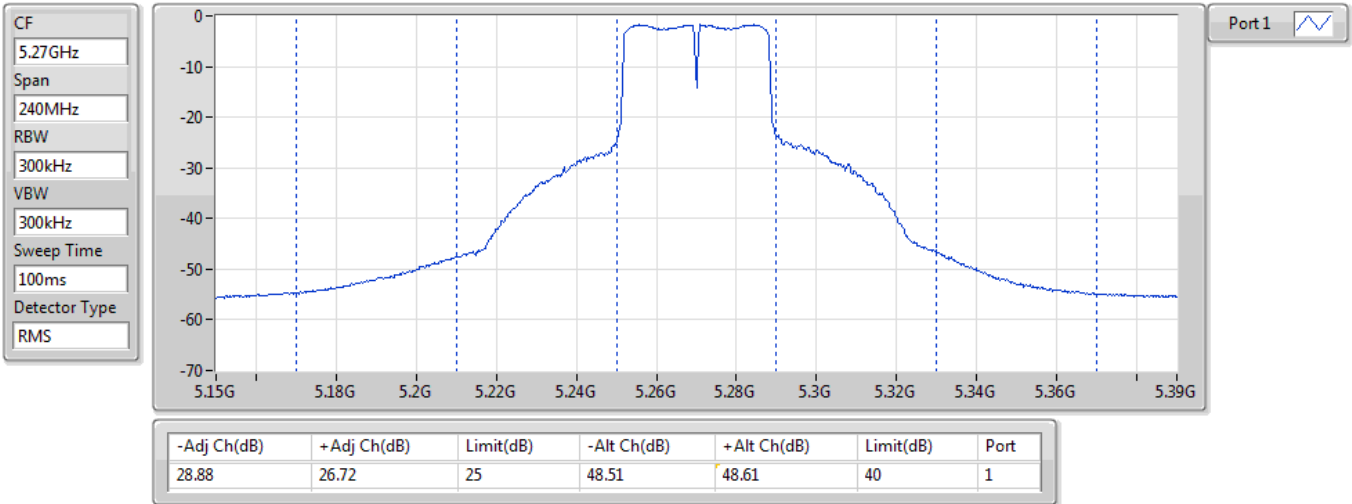


802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

5270MHz_TnomVnom

11/01/2022

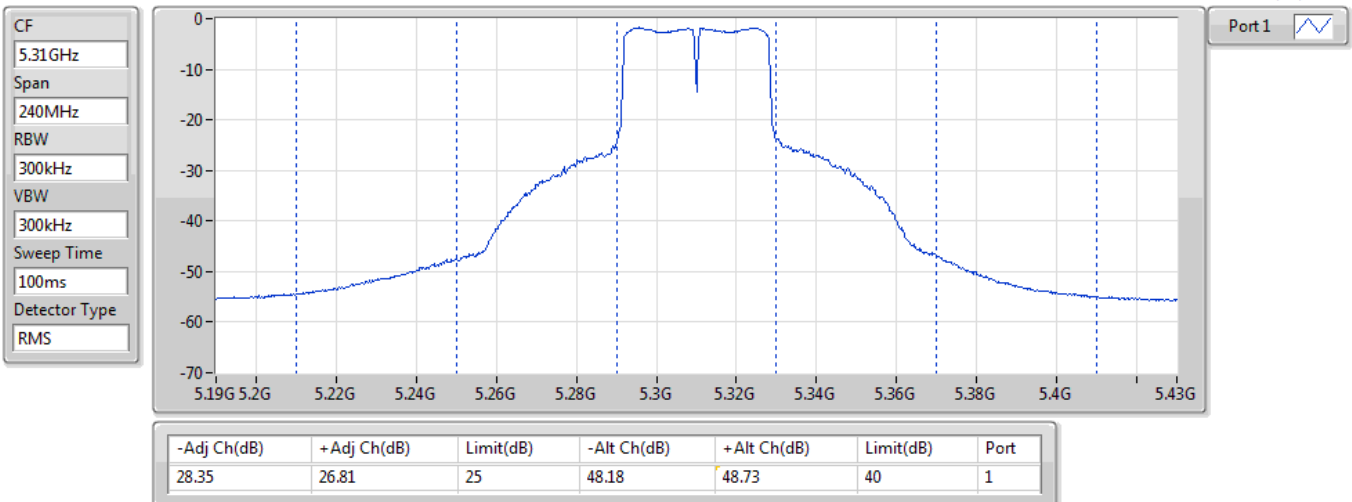


802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

5310MHz_TnomVnom

11/01/2022

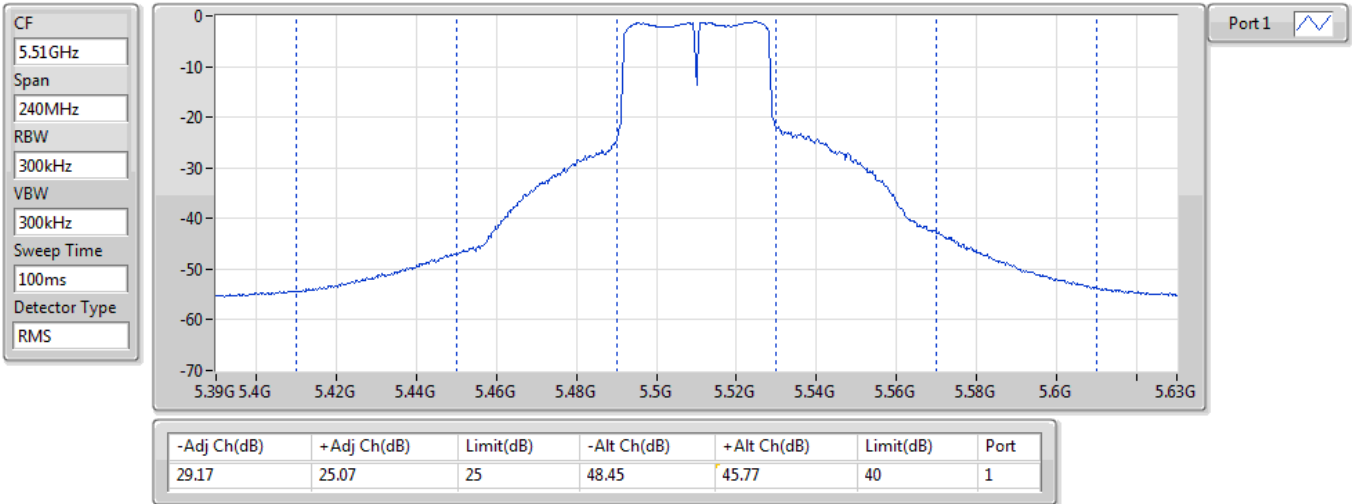


802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

5510MHz_TnomVnom

11/01/2022

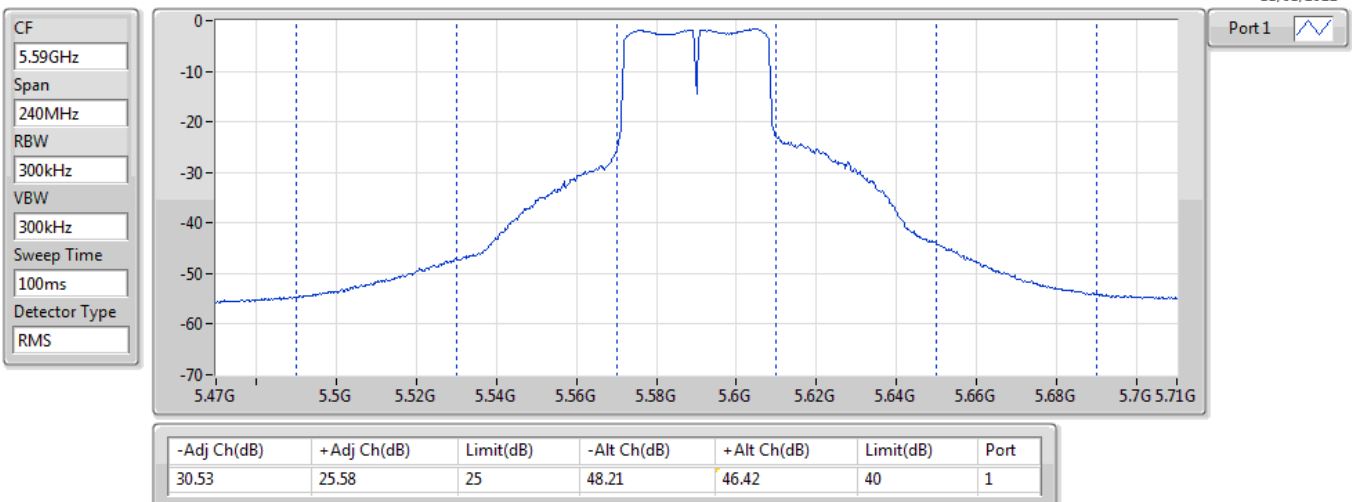


802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

5590MHz_TnomVnom

11/01/2022

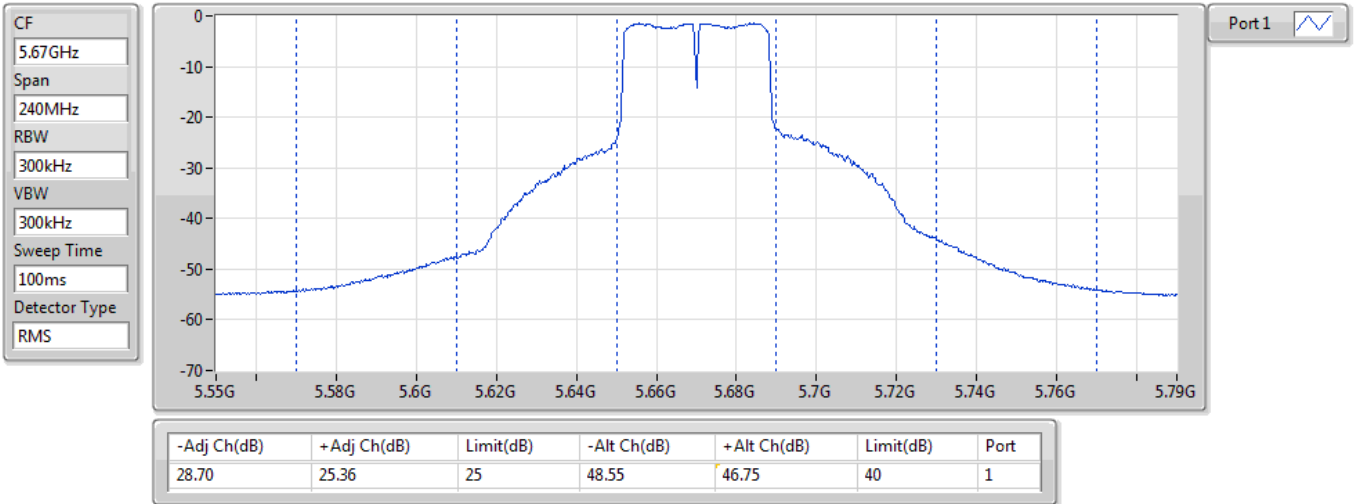


802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

5670MHz_TnomVnom

11/01/2022

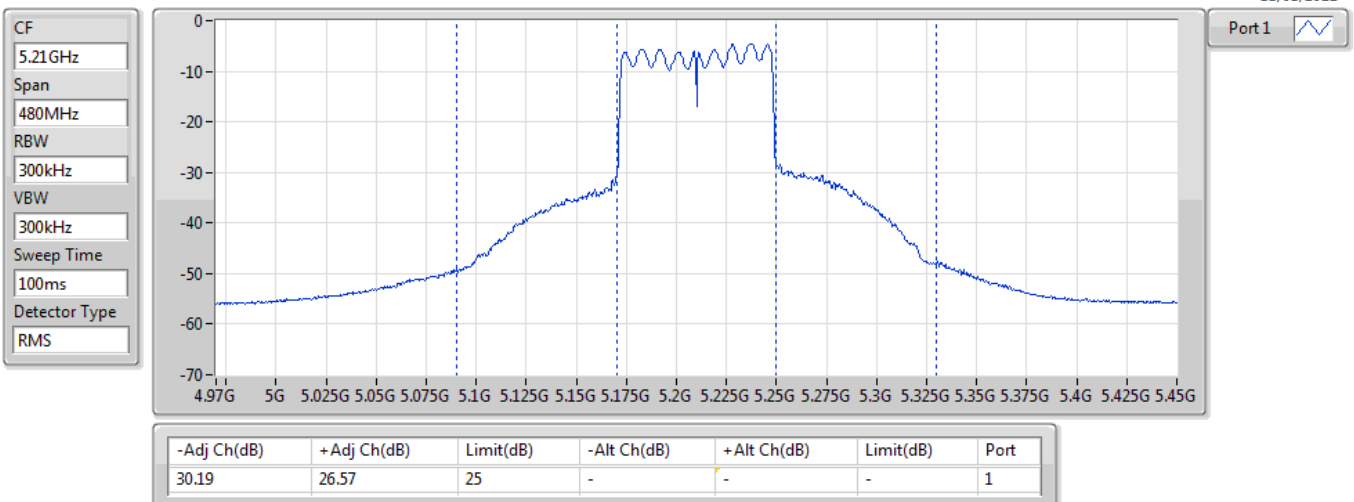


802.11ac VHT80_Nss1,(MCS0)_1TX

ACLR

5210MHz_TnomVnom

11/01/2022

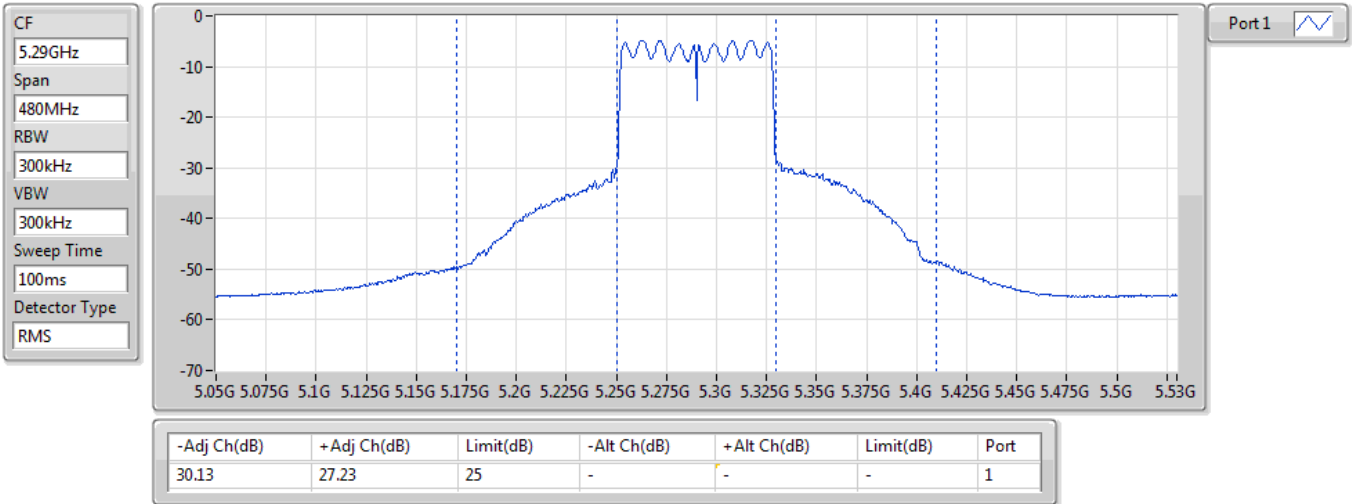


802.11ac VHT80_Nss1,(MCS0)_1TX

ACLR

5290MHz_TnomVnom

11/01/2022

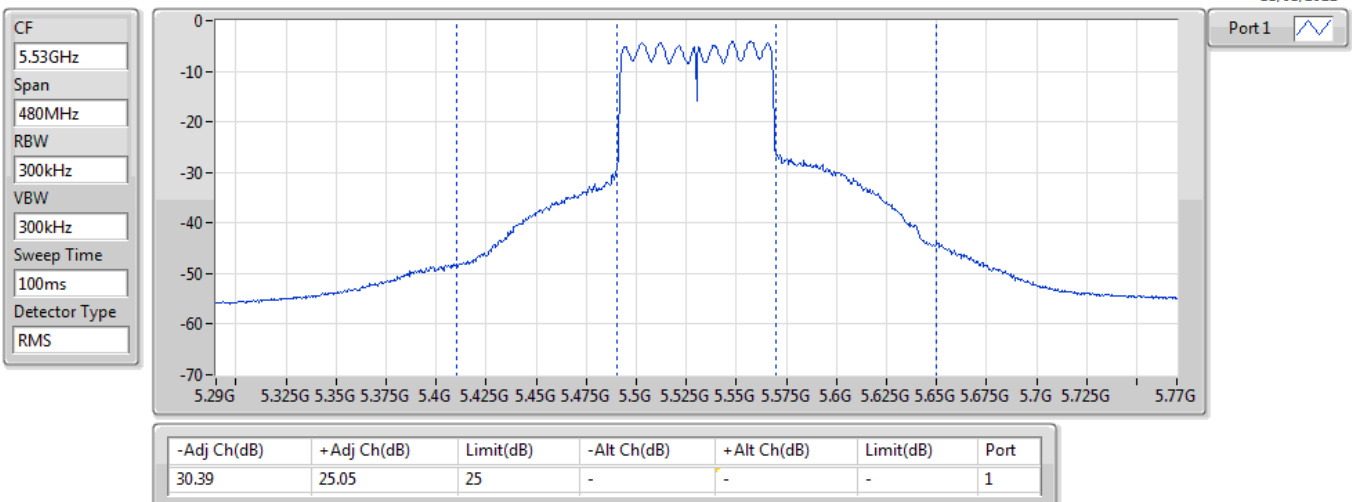


802.11ac VHT80_Nss1,(MCS0)_1TX

ACLR

5530MHz_TnomVnom

11/01/2022

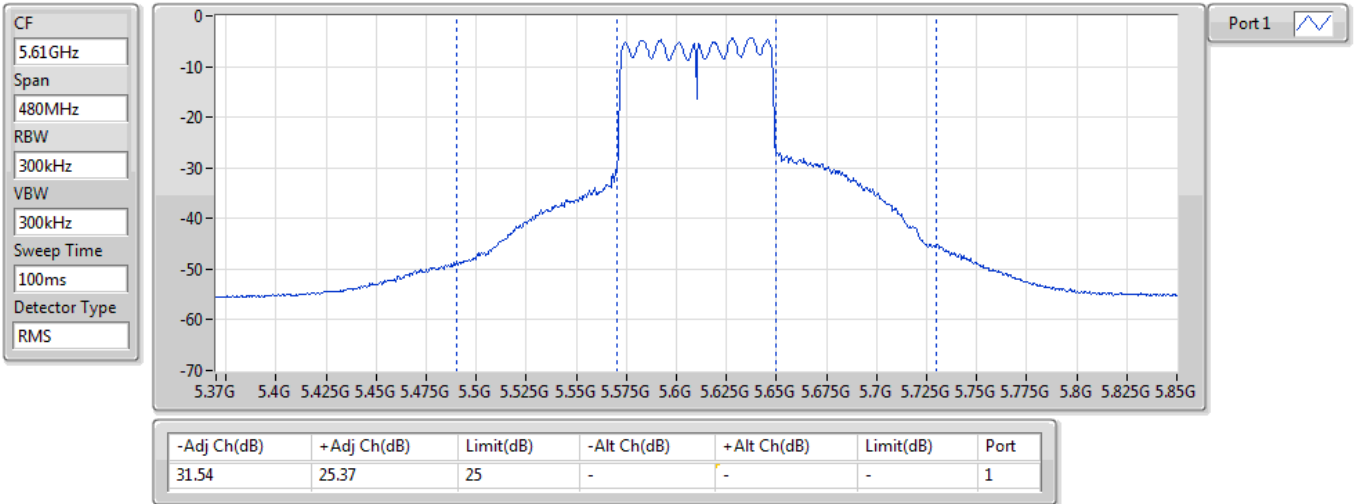


802.11ac VHT80_Nss1,(MCS0)_1TX

ACLR

5610MHz_TnomVnom

11/01/2022





Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm/MHz)	Psum (dBm/MHz)	Psum (uW/MHz)	DG (dBi)	EIRP (dBm/MHz)	EIRP (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.251G	5.26G	1M	5.25761G	-22.05	-22.05	6.23735	3.50	-18.55	13.96368	-15.88	25.82
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.251G	5.26G	1M	5.25822G	-21.13	-21.13	7.70903	3.50	-17.63	17.25838	-16.43	22.75
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.251G	5.27G	1M	5.26825G	-24.68	-24.68	3.40408	3.50	-21.18	7.62079	-20.29	9.35
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.251G	5.29G	1M	5.28875G	-28.46	-28.46	1.42561	3.50	-24.96	3.19154	-23.72	4.25
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.24G	5.249G	1M	5.24353G	-24.15	-24.15	3.84592	3.50	-20.65	8.60994	-14.87	32.58
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.24G	5.249G	1M	5.24176G	-23.87	-23.87	4.10204	3.50	-20.37	9.18333	-16.45	22.65
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.23G	5.249G	1M	5.24051G	-23.17	-23.17	4.81948	3.50	-19.67	10.78947	-16.59	21.93
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.3768G	26G	1M	5.3768G	-31.19	-31.19	0.76033	3.50	-27.69	1.70216	-26.02	2.5
5.47-5.73GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.765G	26G	1M	16.49967G	-41.87	-41.87	0.06501	3.50	-38.37	0.14555	-26.02	2.5
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.765G	26G	1M	16.49714G	-41.97	-41.97	0.06353	3.50	-38.47	0.14223	-26.02	2.5
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.46G	5.47G	1M	5.47G	-28.26	-28.26	1.49279	3.50	-24.76	3.34195	-13.01	50
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	30M	5.46G	1M	5.45932G	-30.28	-30.28	0.93756	3.50	-26.78	2.09894	-19.03	12.5



Result

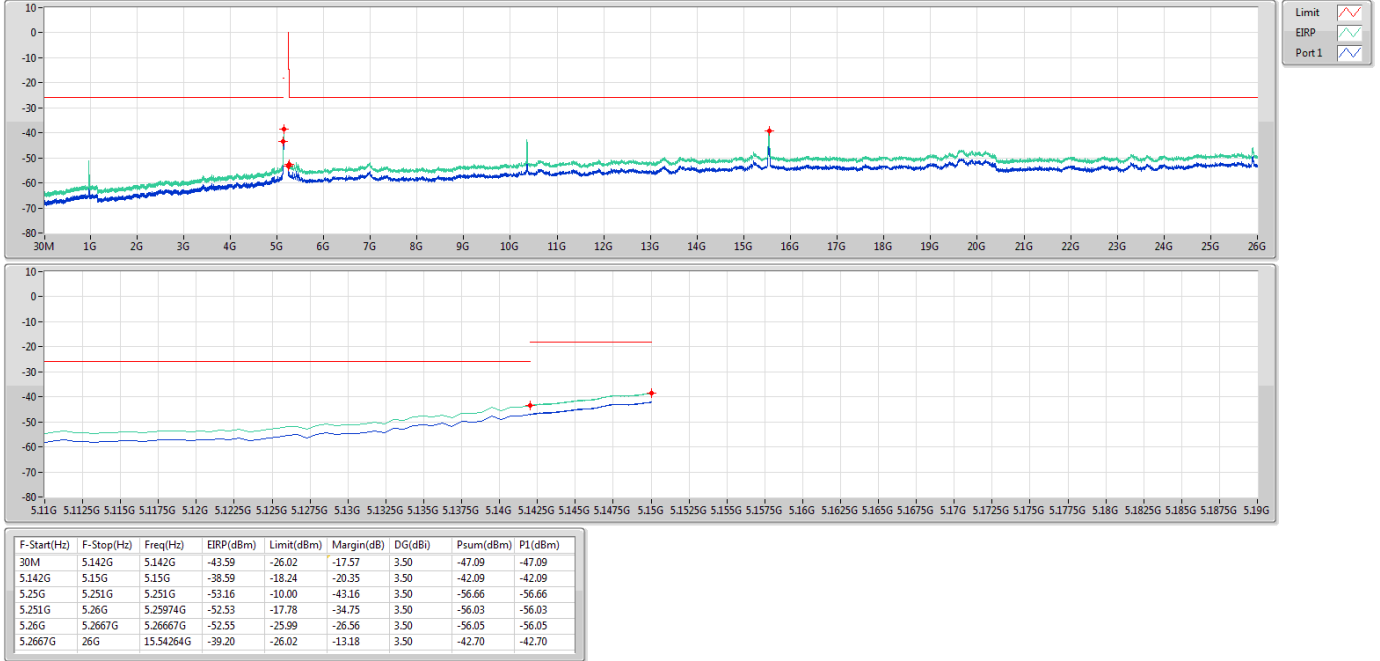
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm/MHz)	Psum (dBm/MHz)	Psum (uW/MHz)	DG (dBi)	EIRP (dBm/MHz)	EIRP (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	5.142G	1M	5.142G	-47.09	-47.09	0.01954	3.50	-43.59	0.04375	-26.02	2.5
5180MHz_TnomVnom	Pass	5.142G	5.15G	1M	5.15G	-42.09	-42.09	0.0618	3.50	-38.59	0.13836	-18.24	15
5180MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.251G	-56.66	-56.66	0.00216	3.50	-53.16	0.00483	-10.00	100
5180MHz_TnomVnom	Pass	5.251G	5.26G	1M	5.25974G	-56.03	-56.03	0.00249	3.50	-52.53	0.00558	-17.78	16.67
5180MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5.26667G	-56.05	-56.05	0.00248	3.50	-52.55	0.00556	-25.99	2.52
5180MHz_TnomVnom	Pass	5.2667G	26G	1M	15.54264G	-42.70	-42.70	0.0537	3.50	-39.20	0.12023	-26.02	2.5
5240MHz_TnomVnom	Pass	30M	5.142G	1M	1.03515G	-54.75	-54.75	0.00335	3.50	-51.25	0.00075	-26.02	2.5
5240MHz_TnomVnom	Pass	5.142G	5.15G	1M	5.14954G	-57.72	-57.72	0.00169	3.50	-54.22	0.00378	-18.24	15
5240MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.251G	-17.81	-17.81	16.5577	3.50	-14.31	37.06807	-9.97	100.69
5240MHz_TnomVnom	Pass	5.251G	5.26G	1M	5.25761G	-22.05	-22.05	6.23735	3.50	-18.55	13.96368	-15.88	25.82
5240MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5.26019G	-26.53	-26.53	2.22331	3.50	-23.03	4.97737	-18.25	14.96
5240MHz_TnomVnom	Pass	5.2667G	26G	1M	5.2667G	-39.91	-39.91	0.10209	3.50	-36.41	0.22856	-26.02	2.5
5260MHz_TnomVnom	Pass	30M	5.2333G	1M	5.23265G	-40.12	-40.12	0.09727	3.50	-36.62	0.21777	-26.02	2.5
5260MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5.23998G	-29.55	-29.55	1.10917	3.50	-26.05	2.48313	-18.04	15.7
5260MHz_TnomVnom	Pass	5.24G	5.249G	1M	5.24353G	-24.15	-24.15	3.84592	3.50	-20.65	8.60994	-14.87	32.58
5260MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.249G	-19.38	-19.38	11.53453	3.50	-15.88	25.8226	-10.00	100
5260MHz_TnomVnom	Pass	5.35G	26G	1M	15.77309G	-44.19	-44.19	0.03811	3.50	-40.69	0.08531	-26.02	2.5
5320MHz_TnomVnom	Pass	30M	5.2333G	1M	5.08566G	-56.62	-56.62	0.00218	3.50	-53.12	0.00488	-26.02	2.5
5320MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5.23333G	-57.44	-57.44	0.0018	3.50	-53.94	0.00404	-25.99	2.52
5320MHz_TnomVnom	Pass	5.24G	5.249G	1M	5.24002G	-57.33	-57.33	0.00185	3.50	-53.83	0.00414	-18.00	15.85
5320MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.249G	-57.07	-57.07	0.00196	3.50	-53.57	0.0044	-10.00	100
5320MHz_TnomVnom	Pass	5.35G	26G	1M	5.35G	-42.88	-42.88	0.05152	3.50	-39.38	0.11535	-26.02	2.5
5500MHz_TnomVnom	Pass	30M	5.46G	1M	5.46G	-44.19	-44.19	0.03811	3.50	-40.69	0.08531	-26.02	2.5
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46998G	-38.74	-38.74	0.13366	3.50	-35.24	0.29923	-19.03	12.5
5500MHz_TnomVnom	Pass	5.745G	5.765G	1M	5.74608G	-54.39	-54.39	0.00364	3.50	-50.89	0.00815	-19.03	12.5
5500MHz_TnomVnom	Pass	5.765G	26G	1M	16.49967G	-41.87	-41.87	0.06501	3.50	-38.37	0.14555	-26.02	2.5
5600MHz_TnomVnom	Pass	30M	5.46G	1M	5.35479G	-56.51	-56.51	0.00223	3.50	-53.01	0.005	-26.02	2.5
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46929G	-57.95	-57.95	0.0016	3.50	-54.45	0.00359	-19.03	12.5
5600MHz_TnomVnom	Pass	5.745G	5.765G	1M	5.75328G	-55.70	-55.70	0.00269	3.50	-52.20	0.00603	-19.03	12.5
5600MHz_TnomVnom	Pass	5.765G	26G	1M	16.79308G	-43.05	-43.05	0.04955	3.50	-39.55	0.11092	-26.02	2.5
5700MHz_TnomVnom	Pass	30M	5.46G	1M	5.45525G	-56.40	-56.40	0.00229	3.50	-52.90	0.00513	-26.02	2.5
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46426G	-56.14	-56.14	0.00243	3.50	-52.64	0.00545	-19.03	12.5
5700MHz_TnomVnom	Pass	5.745G	5.765G	1M	5.74548G	-48.64	-48.64	0.01368	3.50	-45.14	0.03062	-19.03	12.5
5700MHz_TnomVnom	Pass	5.765G	26G	1M	19.67403G	-50.34	-50.34	0.00925	3.50	-46.84	0.0207	-26.02	2.5
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	5.142G	1M	5.14138G	-44.33	-44.33	0.0369	3.50	-40.83	0.0826	-26.02	2.5
5180MHz_TnomVnom	Pass	5.142G	5.15G	1M	5.14998G	-40.56	-40.56	0.0879	3.50	-37.06	0.19679	-18.24	15
5180MHz_TnomVnom	Pass	5.25G	5.2502G	1M	5.2502G	-56.48	-56.48	0.00225	3.50	-52.98	0.00504	-2.00	630.96
5180MHz_TnomVnom	Pass	5.2502G	5.251G	1M	5.25099G	-56.24	-56.24	0.00238	3.50	-52.74	0.00532	-9.94	101.39
5180MHz_TnomVnom	Pass	5.251G	5.26G	1M	5.25993G	-56.14	-56.14	0.00243	3.50	-52.64	0.00545	-17.95	16.03
5180MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5.26669G	-55.99	-55.99	0.00252	3.50	-52.49	0.00564	-26.01	2.51
5180MHz_TnomVnom	Pass	5.2667G	26G	1M	15.53746G	-42.00	-42.00	0.0631	3.50	-38.50	0.14125	-26.02	2.5
5240MHz_TnomVnom	Pass	30M	5.142G	1M	1.03515G	-55.02	-55.02	0.00315	3.50	-51.52	0.00705	-26.02	2.5
5240MHz_TnomVnom	Pass	5.142G	5.15G	1M	5.14779G	-57.80	-57.80	0.00166	3.50	-54.30	0.00372	-18.24	15
5240MHz_TnomVnom	Pass	5.25G	5.2502G	1M	5.2502G	-13.76	-13.76	42.07266	3.50	-10.26	94.18896	-2.01	629.51
5240MHz_TnomVnom	Pass	5.2502G	5.251G	1M	5.251G	-16.40	-16.40	22.90868	3.50	-12.90	51.28614	-10.00	100
5240MHz_TnomVnom	Pass	5.251G	5.26G	1M	5.25822G	-21.13	-21.13	7.70903	3.50	-17.63	17.25838	-16.43	22.75
5240MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5.26009G	-23.13	-23.13	4.86407	3.50	-19.63	10.8893	-18.12	15.42
5240MHz_TnomVnom	Pass	5.2667G	26G	1M	5.2667G	-37.72	-37.72	0.16904	3.50	-34.22	0.37844	-26.02	2.5
5260MHz_TnomVnom	Pass	30M	5.2333G	1M	5.2333G	-39.06	-39.06	0.12417	3.50	-35.56	0.27797	-26.02	2.5
5260MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5.23876G	-27.15	-27.15	1.92752	3.50	-23.65	4.31519	-19.49	11.25
5260MHz_TnomVnom	Pass	5.24G	5.249G	1M	5.24176G	-23.87	-23.87	4.10204	3.50	-20.37	9.18333	-16.45	22.65
5260MHz_TnomVnom	Pass	5.249G	5.2498G	1M	5.249G	-18.15	-18.15	15.31087	3.50	-14.65	34.27678	-9.98	100.46
5260MHz_TnomVnom	Pass	5.2498G	5.25G	1M	5.2498G	-14.92	-14.92	32.21069	3.50	-11.42	72.11075	-1.98	633.87
5260MHz_TnomVnom	Pass	5.35G	26G	1M	15.77825G	-43.73	-43.73	0.04236	3.50	-40.23	0.09484	-26.02	2.5
5320MHz_TnomVnom	Pass	30M	5.2333G	1M	5.08696G	-56.71	-56.71	0.00213	3.50	-53.21	0.00478	-26.02	2.5
5320MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5.23331G	-57.51	-57.51	0.00177	3.50	-54.01	0.00397	-26.00	2.51
5320MHz_TnomVnom	Pass	5.24G	5.249G	1M	5.24002G	-57.14	-57.14	0.00193	3.50	-53.64	0.00433	-18.00	15.85
5320MHz_TnomVnom	Pass	5.249G	5.2498G	1M	5.249G	-56.93	-56.93	0.00203	3.50	-53.43	0.00454	-9.95	101.16
5320MHz_TnomVnom	Pass	5.2498G	5.25G	1M	5.2498G	-56.67	-56.67	0.00215	3.50	-53.17	0.00482	-1.91	644.17
5320MHz_TnomVnom	Pass	5.35G	26G	1M	5.35G	-40.70	-40.70	0.08511	3.50	-37.20	0.19055	-26.02	2.5
5500MHz_TnomVnom	Pass	30M	5.46G	1M	5.46G	-44.32	-44.32	0.03698	3.50	-40.82	0.08279	-26.02	2.5
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46999G	-38.60	-38.60	0.13804	3.50	-35.10	0.30903	-19.03	12.5
5500MHz_TnomVnom	Pass	5.745G	5.765G	1M	5.7453G	-54.49	-54.49	0.00356	3.50	-50.99	0.00796	-19.03	12.5
5500MHz_TnomVnom	Pass	5.765G	26G	1M	16.49714G	-41.97	-41.97	0.06353	3.50	-38.47	0.14223	-26.02	2.5
5600MHz_TnomVnom	Pass	30M	5.46G	1M	5.36633G	-56.63	-56.63	0.00217	3.50	-53.13	0.00486	-26.02	2.5
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46966G	-57.94	-57.94	0.00161	3.50	-54.44	0.0036	-19.03	12.5
5600MHz_TnomVnom	Pass	5.745G	5.765G	1M	5.75578G	-55.67	-55.67	0.00271	3.50	-52.17	0.00607	-19.03	12.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm/MHz)	Psum (dBm/MHz)	Psum (uW/MHz)	DG (dBi)	EIRP (dBm/MHz)	EIRP (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
5600MHz_TnomVnom	Pass	5.765G	26G	1M	16.79055G	-43.59	-43.59	0.04375	3.50	-40.09	0.09795	-26.02	2.5
5700MHz_TnomVnom	Pass	30M	5.46G	1M	5.45729G	-56.32	-56.32	0.00233	3.50	-52.82	0.00522	-26.02	2.5
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46516G	-56.35	-56.35	0.00232	3.50	-52.85	0.00519	-19.03	12.5
5700MHz_TnomVnom	Pass	5.745G	5.765G	1M	5.74528G	-48.89	-48.89	0.01291	3.50	-45.39	0.02891	-19.03	12.5
5700MHz_TnomVnom	Pass	5.765G	26G	1M	19.6285G	-50.25	-50.25	0.00944	3.50	-46.75	0.02113	-26.02	2.5
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	30M	5.1416G	1M	5.14032G	-35.59	-35.59	0.27606	3.50	-32.09	0.61802	-26.02	2.5
5190MHz_TnomVnom	Pass	5.1416G	5.15G	1M	5.15G	-28.89	-28.89	1.29122	3.50	-25.39	2.89068	-18.24	15
5190MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.251G	-42.56	-42.56	0.05546	3.50	-39.06	0.12417	-13.01	50
5190MHz_TnomVnom	Pass	5.251G	5.27G	1M	5.26776G	-48.83	-48.83	0.01309	3.50	-45.33	0.02931	-20.08	9.82
5190MHz_TnomVnom	Pass	5.27G	5.2784G	1M	5.27748G	-52.21	-52.21	0.00601	3.50	-48.71	0.01346	-25.48	2.83
5190MHz_TnomVnom	Pass	5.2784G	26G	1M	15.56667G	-47.66	-47.66	0.01714	3.50	-44.16	0.03837	-26.02	2.5
5230MHz_TnomVnom	Pass	30M	5.1416G	1M	5.14096G	-51.91	-51.91	0.00644	3.50	-48.41	0.01442	-26.02	2.5
5230MHz_TnomVnom	Pass	5.1416G	5.15G	1M	5.15G	-49.23	-49.23	0.01194	3.50	-45.73	0.02673	-18.24	15
5230MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.251G	-19.82	-19.82	10.42317	3.50	-16.32	23.33458	-12.97	50.47
5230MHz_TnomVnom	Pass	5.251G	5.27G	1M	5.26825G	-24.68	-24.68	3.40408	3.50	-21.18	7.62079	-20.29	9.35
5230MHz_TnomVnom	Pass	5.27G	5.2784G	1M	5.27389G	-28.03	-28.03	1.57398	3.50	-24.53	3.52371	-23.34	4.63
5230MHz_TnomVnom	Pass	5.2784G	26G	1M	5.2784G	-33.54	-33.54	0.44259	3.50	-30.04	0.99083	-26.02	2.5
5270MHz_TnomVnom	Pass	30M	5.21G	1M	5.20871G	-42.50	-42.50	0.05623	3.50	-39.00	0.12589	-26.02	2.5
5270MHz_TnomVnom	Pass	5.21G	5.2216G	1M	5.22158G	-35.29	-35.29	0.2958	3.50	-31.79	0.66222	-26.02	2.5
5270MHz_TnomVnom	Pass	5.2216G	5.23G	1M	5.22997G	-28.35	-28.35	1.46218	3.50	-24.85	3.27341	-21.04	7.87
5270MHz_TnomVnom	Pass	5.23G	5.249G	1M	5.24051G	-23.17	-23.17	4.81948	3.50	-19.67	10.78947	-16.59	21.93
5270MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.249G	-20.54	-20.54	8.8308	3.50	-17.04	19.7697	-12.99	50.23
5270MHz_TnomVnom	Pass	5.35G	5.3584G	1M	5.35013G	-49.93	-49.93	0.01016	3.50	-46.43	0.02275	-18.24	15
5270MHz_TnomVnom	Pass	5.3584G	26G	1M	10.53944G	-46.72	-46.72	0.02128	3.50	-43.22	0.04764	-26.02	2.5
5310MHz_TnomVnom	Pass	30M	5.21G	1M	5.20676G	-53.45	-53.45	0.00452	3.50	-49.95	0.01012	-26.02	2.5
5310MHz_TnomVnom	Pass	5.21G	5.2216G	1M	5.22159G	-50.50	-50.50	0.00891	3.50	-47.00	0.01995	-26.02	2.5
5310MHz_TnomVnom	Pass	5.2216G	5.23G	1M	5.22188G	-50.25	-50.25	0.00944	3.50	-46.75	0.02113	-25.86	2.59
5310MHz_TnomVnom	Pass	5.23G	5.249G	1M	5.23044G	-47.53	-47.53	0.01766	3.50	-44.03	0.03954	-20.84	8.24
5310MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.249G	-42.90	-42.90	0.05129	3.50	-39.40	0.11482	-12.98	50.35
5310MHz_TnomVnom	Pass	5.35G	5.3584G	1M	5.35G	-25.84	-25.84	2.60615	3.50	-22.34	5.83445	-18.24	15
5310MHz_TnomVnom	Pass	5.3584G	26G	1M	5.3584G	-34.50	-34.50	0.35481	3.50	-31.00	0.79433	-26.02	2.5
5510MHz_TnomVnom	Pass	30M	5.46G	1M	5.45932G	-37.26	-37.26	0.18793	3.50	-33.76	0.42073	-19.03	12.5
5510MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.47G	-28.26	-28.26	1.49279	3.50	-24.76	3.34195	-13.01	50
5510MHz_TnomVnom	Pass	5.77G	26G	1M	16.51213G	-47.12	-47.12	0.01941	3.50	-43.62	0.04345	-19.03	12.5
5590MHz_TnomVnom	Pass	30M	5.46G	1M	30M	-56.54	-56.54	0.00222	3.50	-53.04	0.00497	-19.03	12.5
5590MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.4697G	-57.05	-57.05	0.00197	3.50	-53.55	0.00442	-13.01	50
5590MHz_TnomVnom	Pass	5.77G	26G	1M	16.76753G	-43.31	-43.31	0.04667	3.50	-39.81	0.10447	-19.03	12.5
5670MHz_TnomVnom	Pass	30M	5.46G	1M	30M	-56.53	-56.53	0.00222	3.50	-53.03	0.00498	-19.03	12.5
5670MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46667G	-58.20	-58.20	0.00151	3.50	-54.70	0.00339	-13.01	50
5670MHz_TnomVnom	Pass	5.77G	26G	1M	17.02294G	-49.08	-49.08	0.01236	3.50	-45.58	0.02767	-19.03	12.5
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	30M	5.1232G	1M	5.12256G	-33.98	-33.98	0.39994	3.50	-30.48	0.89536	-26.02	2.5
5210MHz_TnomVnom	Pass	5.1232G	5.15G	1M	5.14542G	-30.11	-30.11	0.97499	3.50	-26.61	2.18273	-18.24	15
5210MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.251G	-23.68	-23.68	4.28549	3.50	-20.18	9.59401	-16.00	25.12
5210MHz_TnomVnom	Pass	5.251G	5.29G	1M	5.28875G	-28.46	-28.46	1.42561	3.50	-24.96	3.19154	-23.72	4.25
5210MHz_TnomVnom	Pass	5.29G	5.2967G	1M	5.29653G	-31.00	-31.00	0.79433	3.50	-27.50	1.77828	-25.97	2.53
5210MHz_TnomVnom	Pass	5.2967G	26G	1M	5.2967G	-30.94	-30.94	0.80538	3.50	-27.44	1.80302	-26.02	2.5
5290MHz_TnomVnom	Pass	30M	5.2033G	1M	5.20265G	-34.00	-34.00	0.39811	3.50	-30.50	0.89125	-26.02	2.5
5290MHz_TnomVnom	Pass	5.2033G	5.21G	1M	5.2067G	-33.57	-33.57	0.43954	3.50	-30.07	0.98401	-24.99	3.17
5290MHz_TnomVnom	Pass	5.21G	5.249G	1M	5.21218G	-32.33	-32.33	0.58479	3.50	-28.83	1.30918	-23.53	4.44
5290MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.249G	-26.13	-26.13	2.43781	3.50	-22.63	5.45758	-16.01	25.06
5290MHz_TnomVnom	Pass	5.35G	5.3768G	1M	5.35013G	-25.80	-25.80	2.63027	3.50	-22.30	5.88844	-18.24	15
5290MHz_TnomVnom	Pass	5.3768G	26G	1M	5.3768G	-31.19	-31.19	0.76033	3.50	-27.69	1.70216	-26.02	2.5
5530MHz_TnomVnom	Pass	30M	5.46G	1M	5.45932G	-30.28	-30.28	0.93756	3.50	-26.78	2.09894	-19.03	12.5
5530MHz_TnomVnom	Pass	5.46G	5.4695G	1M	5.46918G	-29.38	-29.38	1.15345	3.50	-25.88	2.58226	-13.01	50
5530MHz_TnomVnom	Pass	5.4695G	5.47G	1M	5.46952G	-29.41	-29.41	1.14551	3.50	-25.91	2.56448	-12.91	51.17
5530MHz_TnomVnom	Pass	5.77G	26G	1M	16.60822G	-49.20	-49.20	0.01202	3.50	-45.70	0.02692	-19.03	12.5
5610MHz_TnomVnom	Pass	30M	5.46G	1M	5.46G	-48.09	-48.09	0.01552	3.50	-44.59	0.03475	-19.03	12.5
5610MHz_TnomVnom	Pass	5.46G	5.4695G	1M	5.46938G	-46.35	-46.35	0.02317	3.50	-42.85	0.05188	-13.01	50
5610MHz_TnomVnom	Pass	5.4695G	5.47G	1M	5.4698G	-46.27	-46.27	0.0236	3.50	-42.77	0.05284	-12.91	51.17
5610MHz_TnomVnom	Pass	5.77G	26G	1M	5.77G	-48.08	-48.08	0.01556	3.50	-44.58	0.03483	-19.03	12.5

802.11a_Nss1,(6Mbps)_1TX

Out-Band Leakage Power

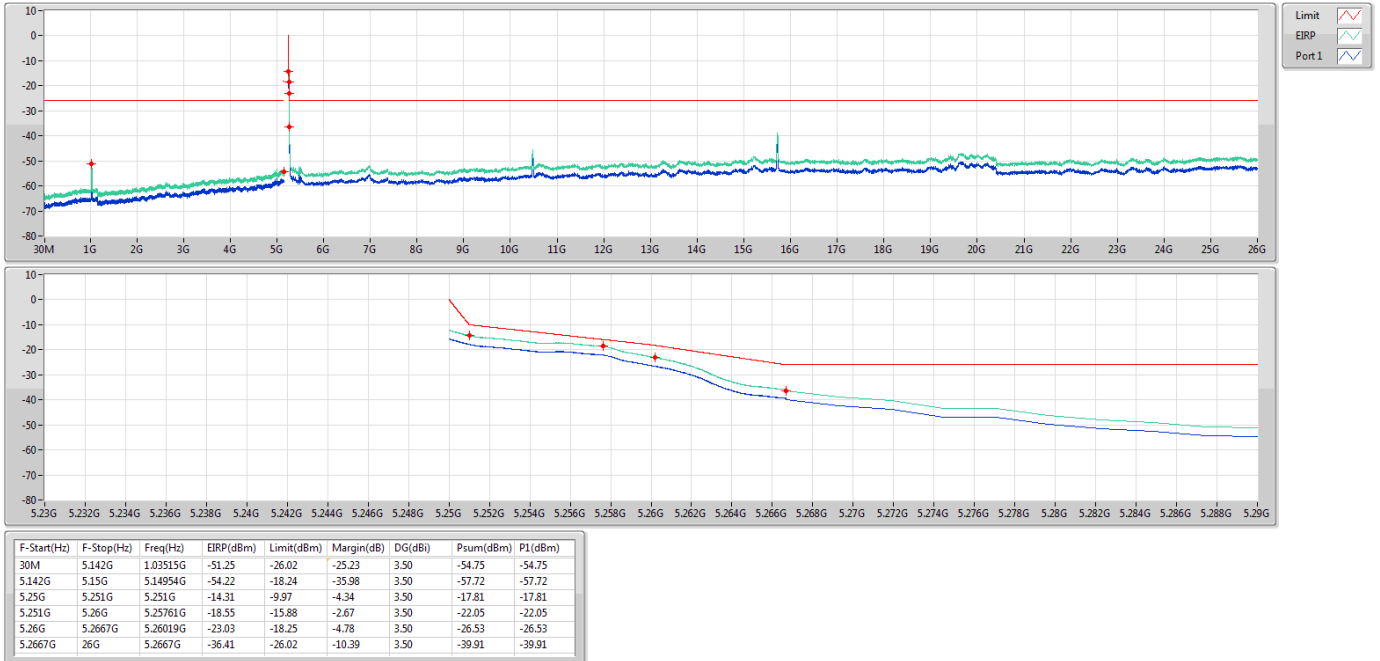
5180MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Out-Band Leakage Power

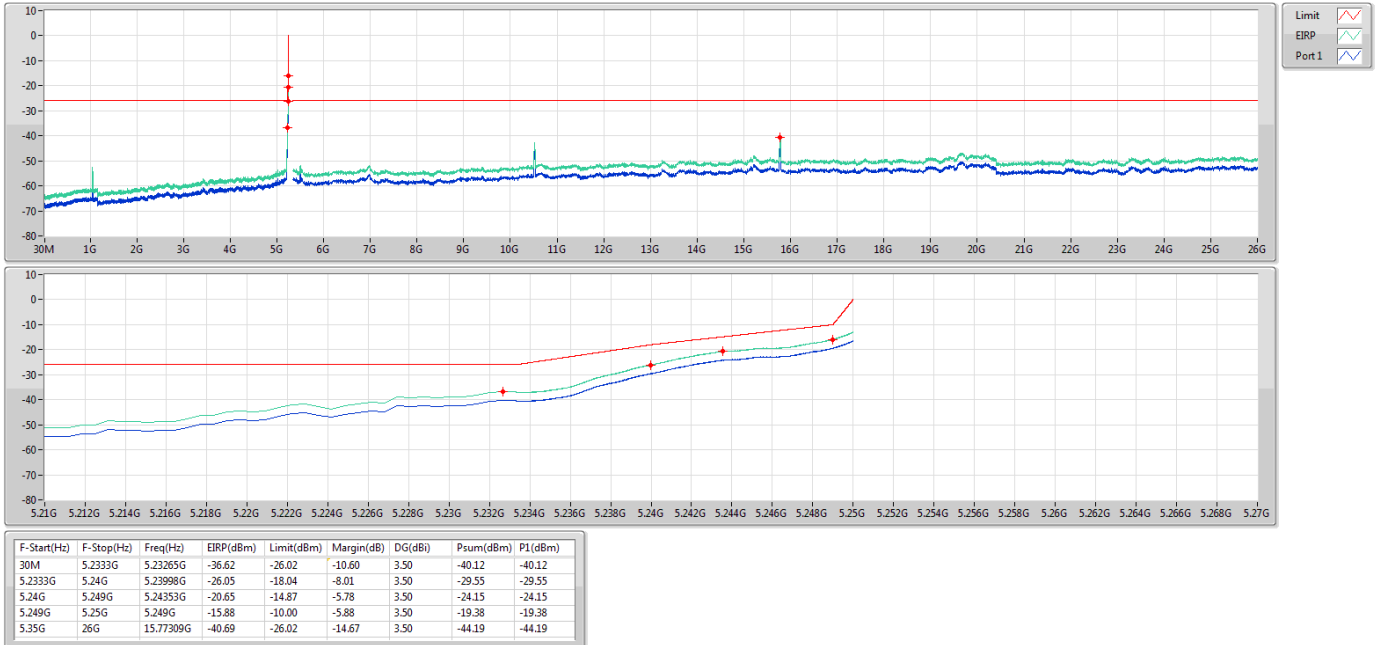
5240MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Out-Band Leakage Power

5260MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Out-Band Leakage Power

5320MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1TX

Out-Band Leakage Power

5500MHz_TnomVnom

11/01/2022

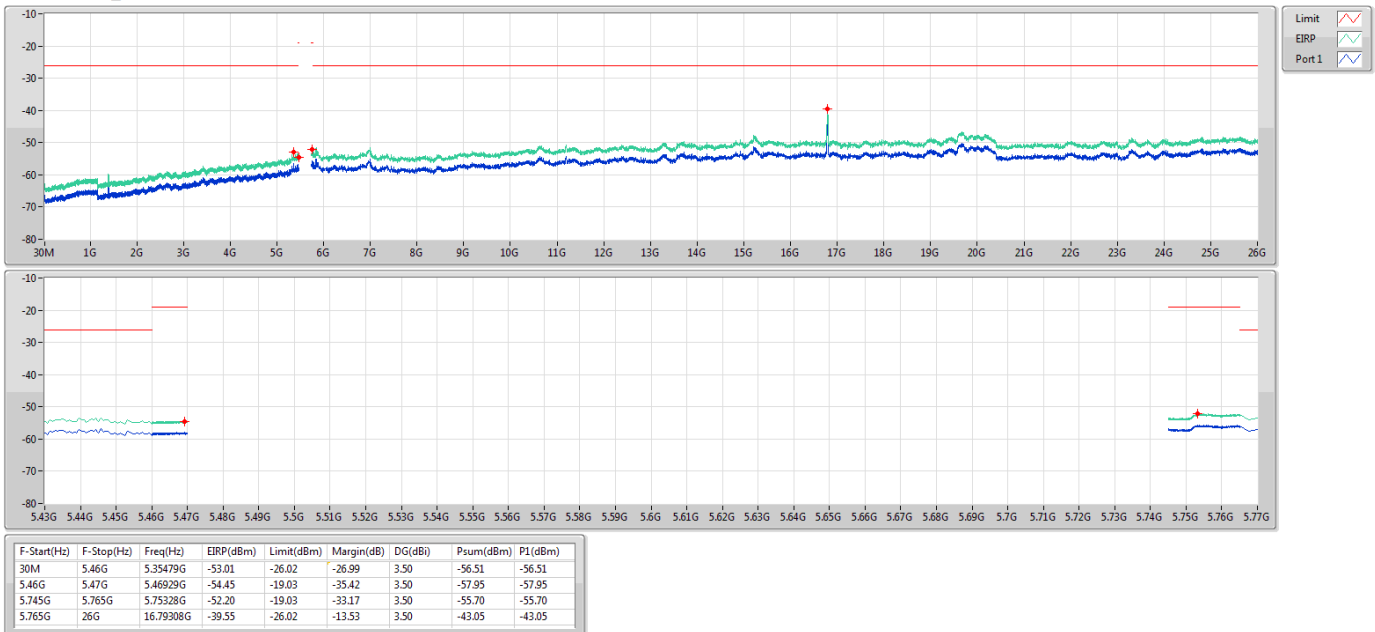


802.11a_Nss1,(6Mbps)_1TX

Out-Band Leakage Power

5600MHz_TnomVnom

11/01/2022

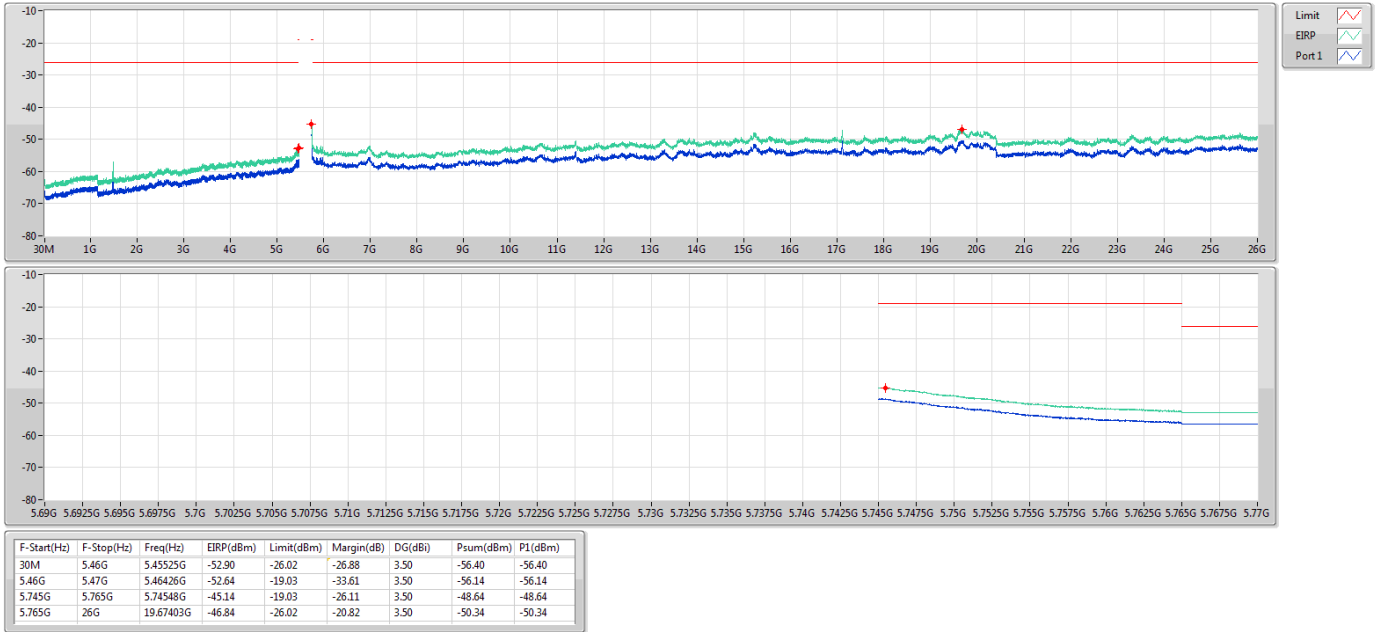


802.11a_Nss1,(6Mbps)_1TX

Out-Band Leakage Power

5700MHz_TnomVnom

11/01/2022

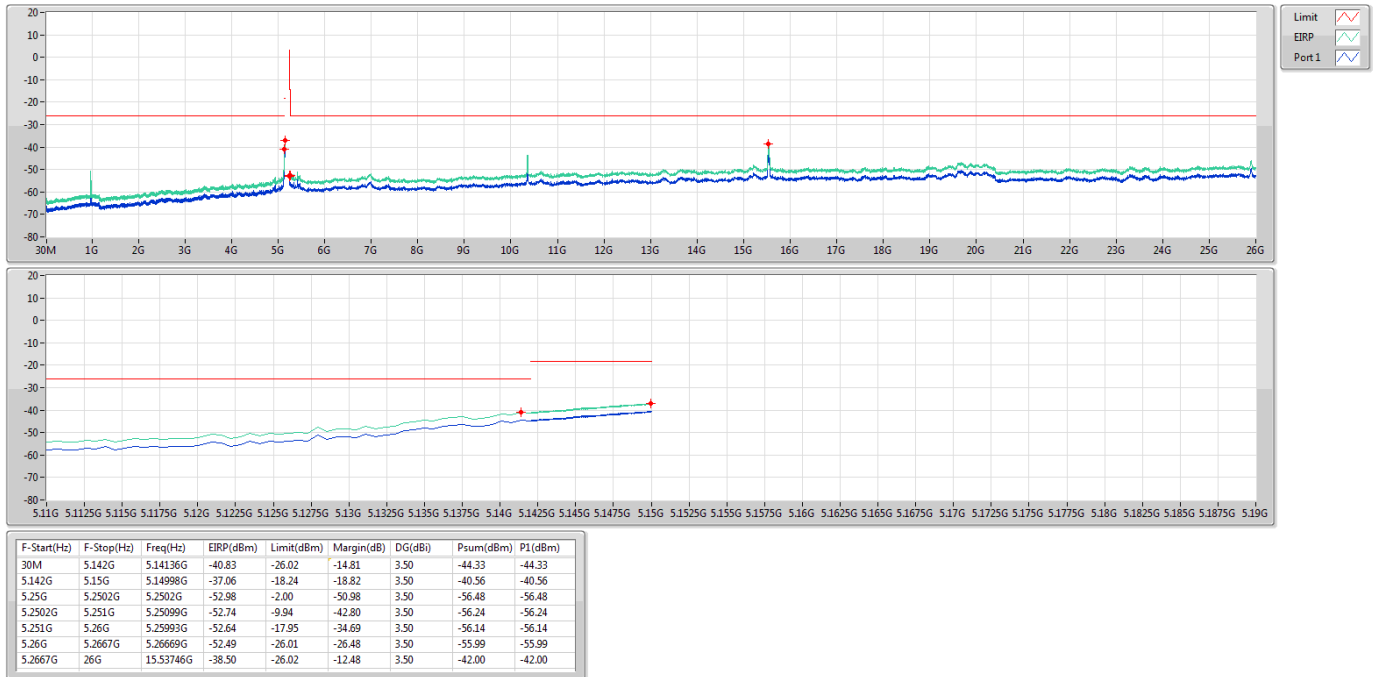


802.11ac VHT20_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5180MHz_TnomVnom

11/01/2022

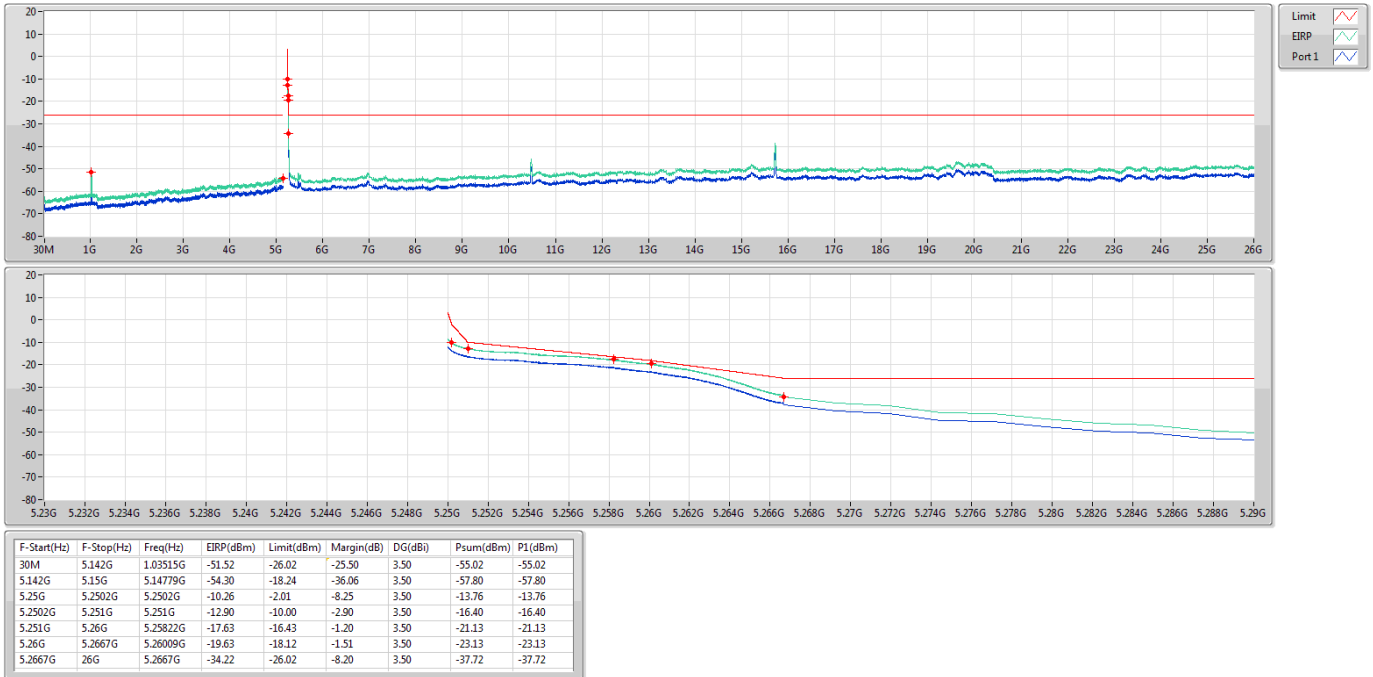


802.11ac VHT20_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5240MHz_TnomVnom

11/01/2022

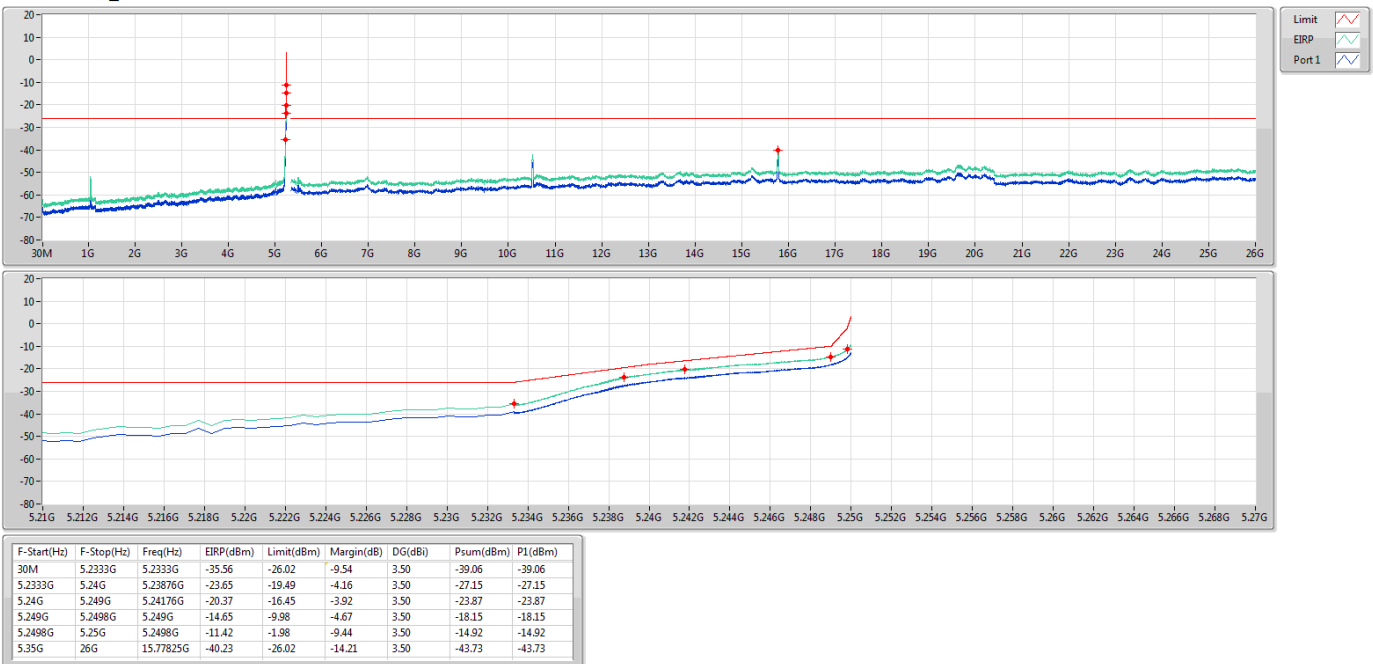


802.11ac VHT20_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5260MHz_TnomVnom

11/01/2022

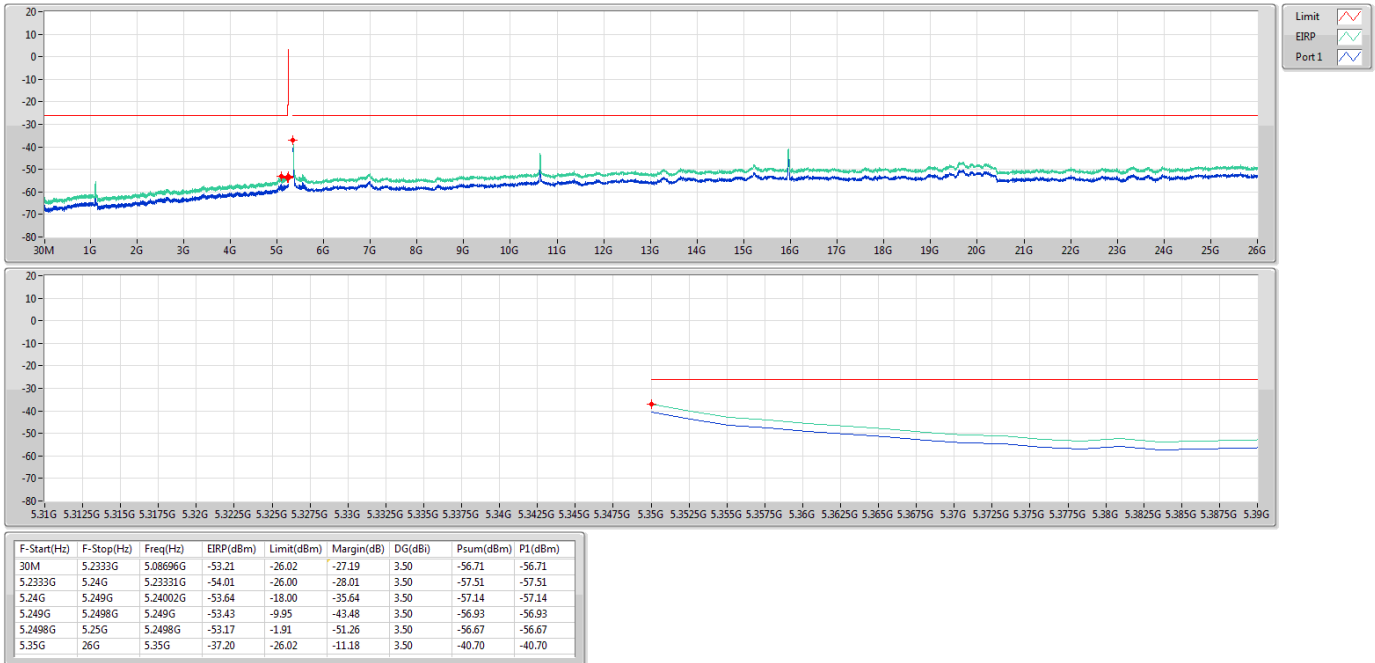


802.11ac VHT20_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5320MHz_TnomVnom

11/01/2022

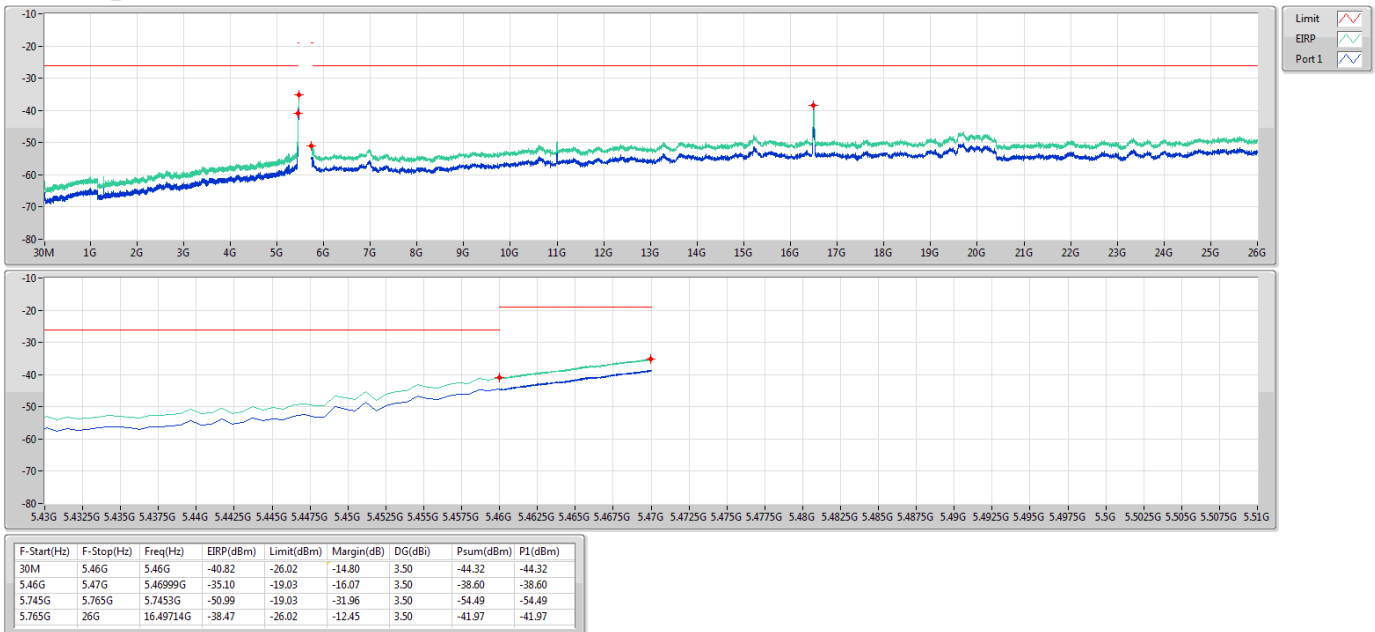


802.11ac VHT20_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5500MHz_TnomVnom

11/01/2022

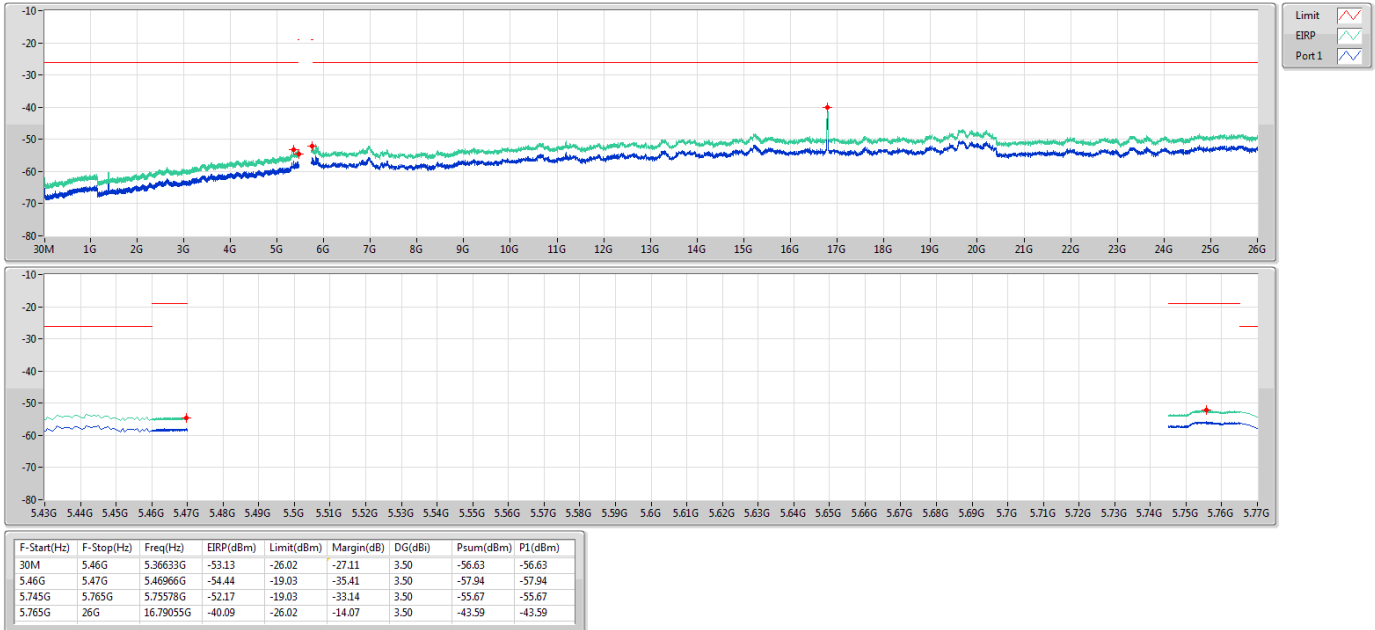


802.11ac VHT20_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5600MHz_TnomVnom

11/01/2022

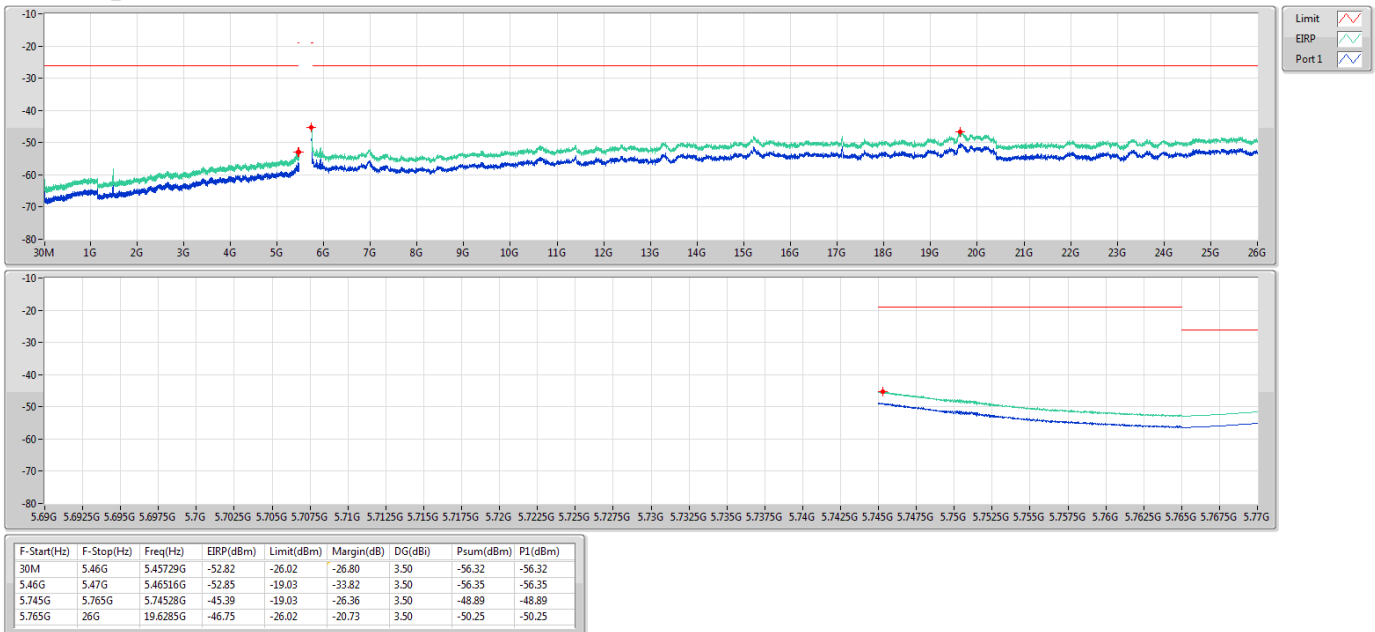


802.11ac VHT20_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5700MHz_TnomVnom

11/01/2022

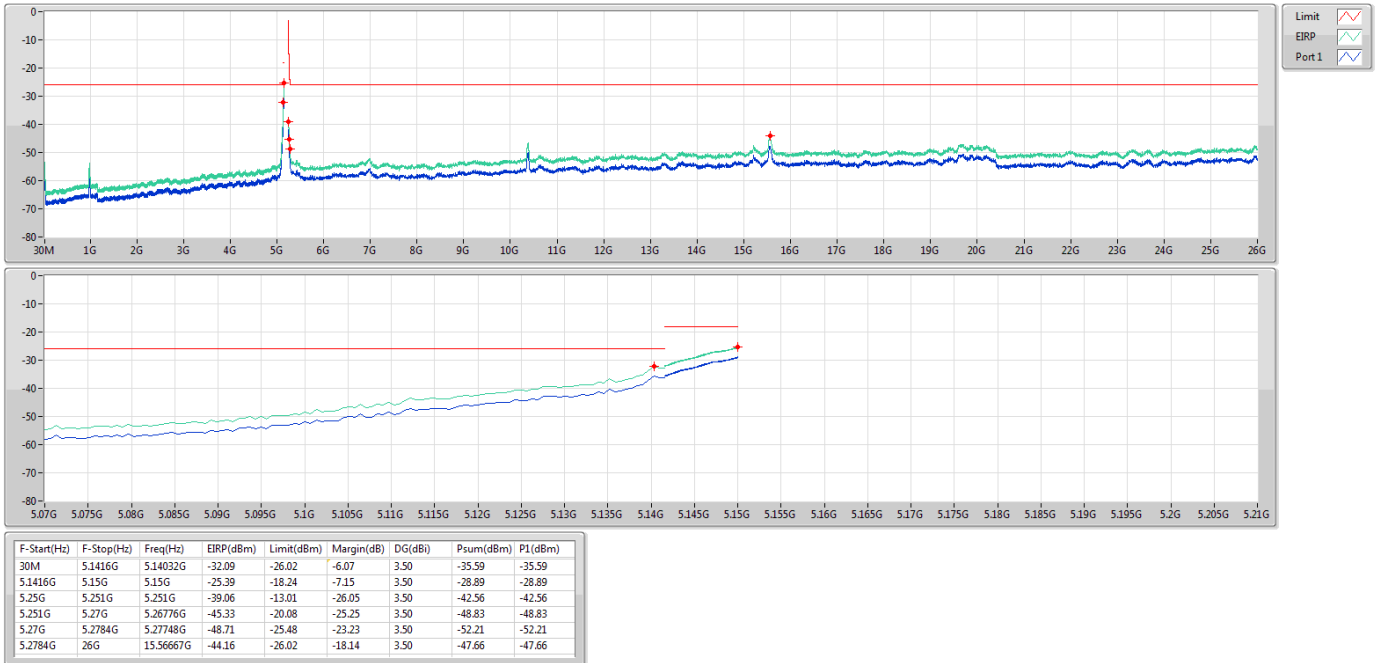


802.11ac VHT40_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5190MHz_TnomVnom

11/01/2022

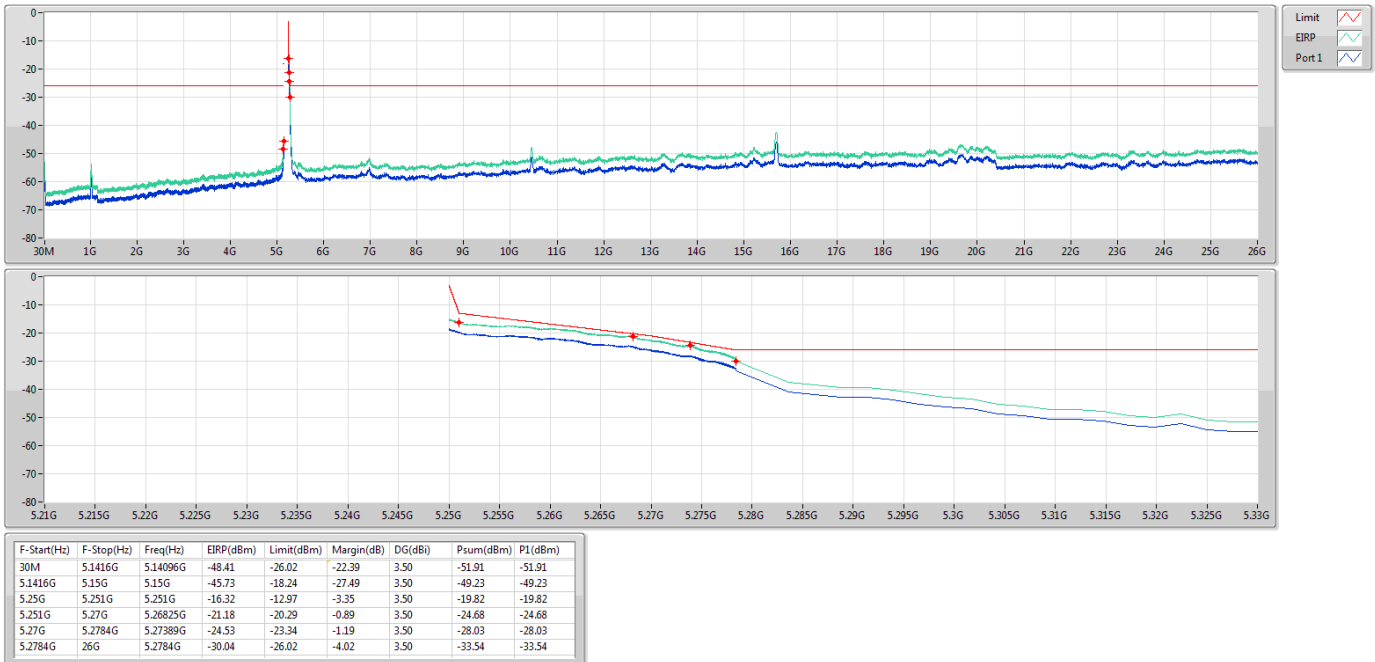


802.11ac VHT40_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5230MHz_TnomVnom

11/01/2022

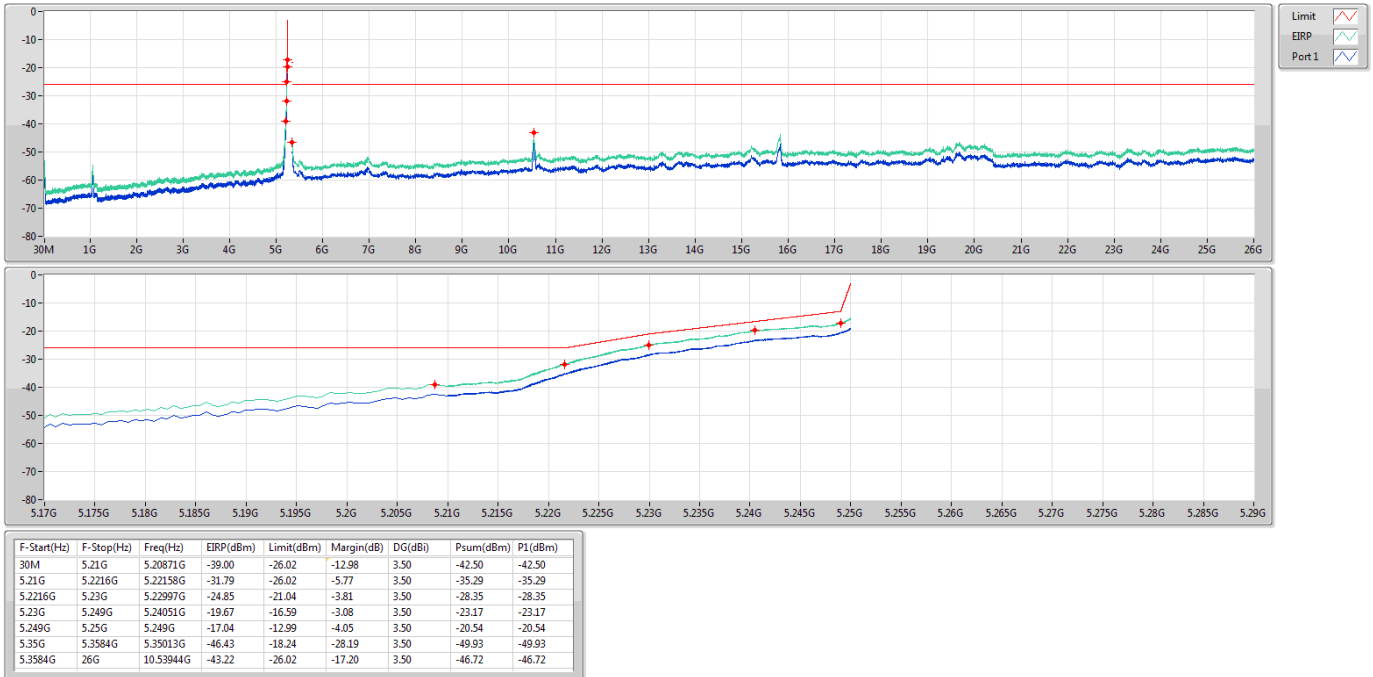


802.11ac VHT40_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5270MHz_TnomVnom

11/01/2022

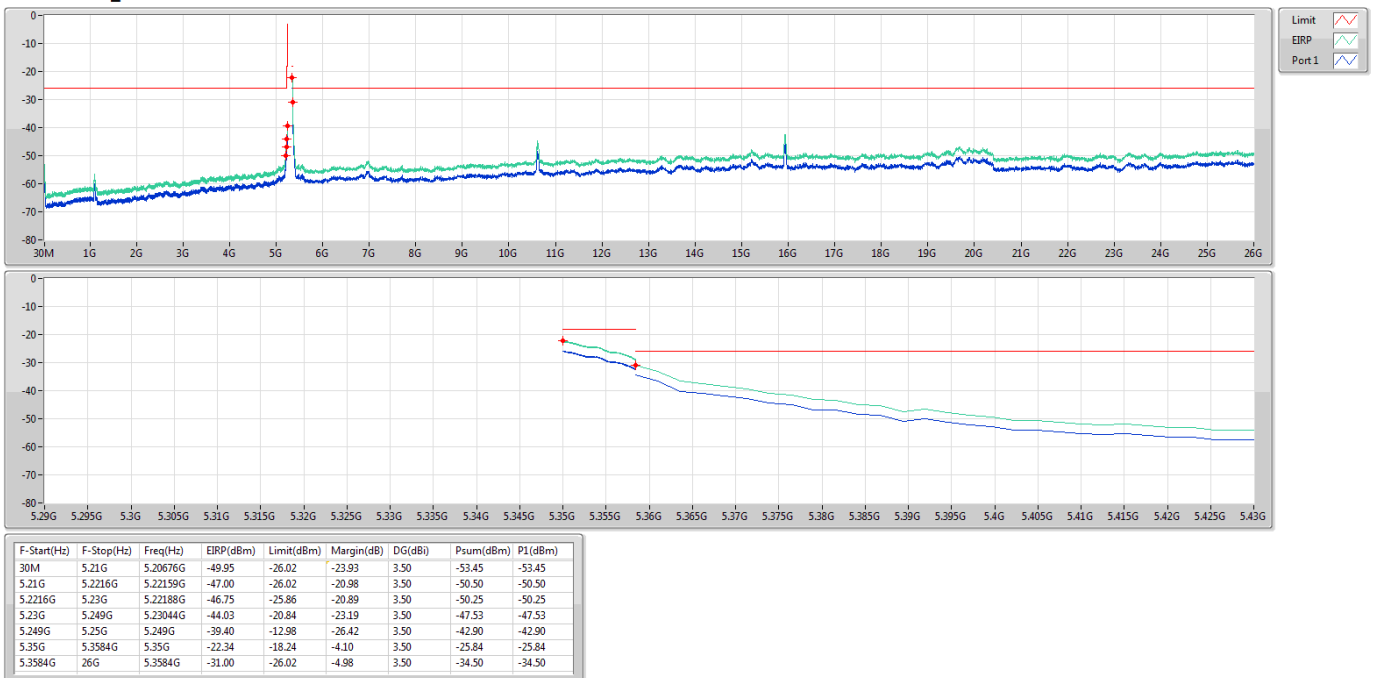


802.11ac VHT40_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5310MHz_TnomVnom

11/01/2022

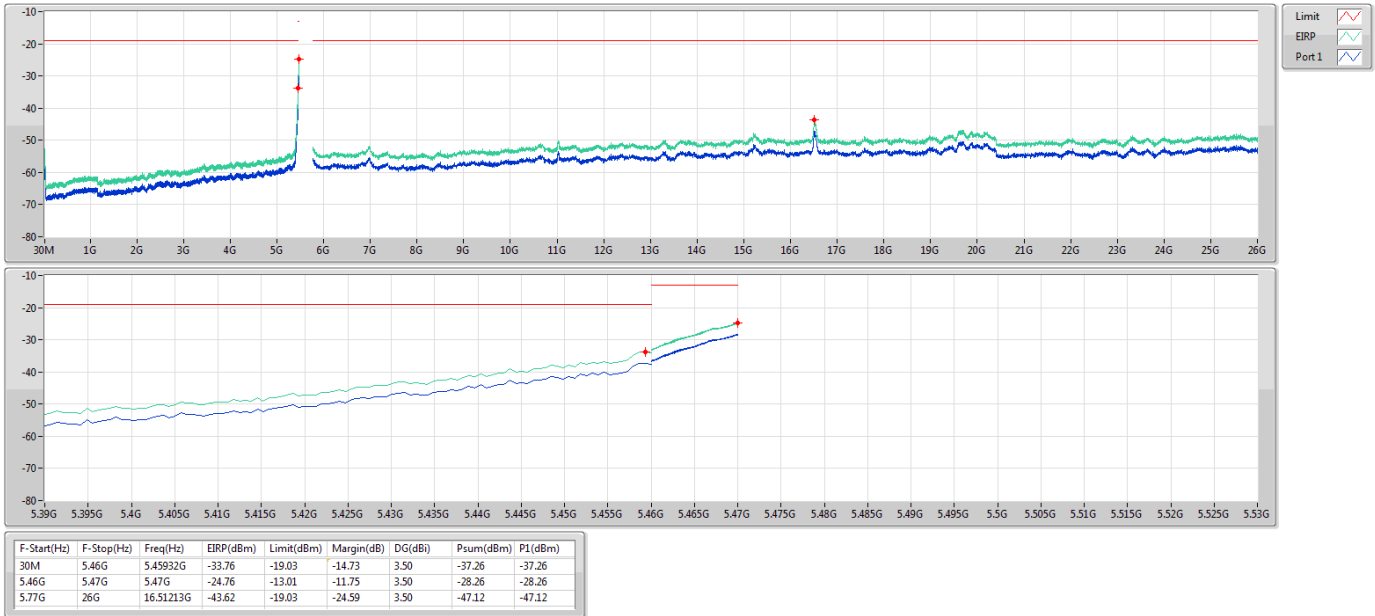


802.11ac VHT40_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5510MHz_TnomVnom

11/01/2022

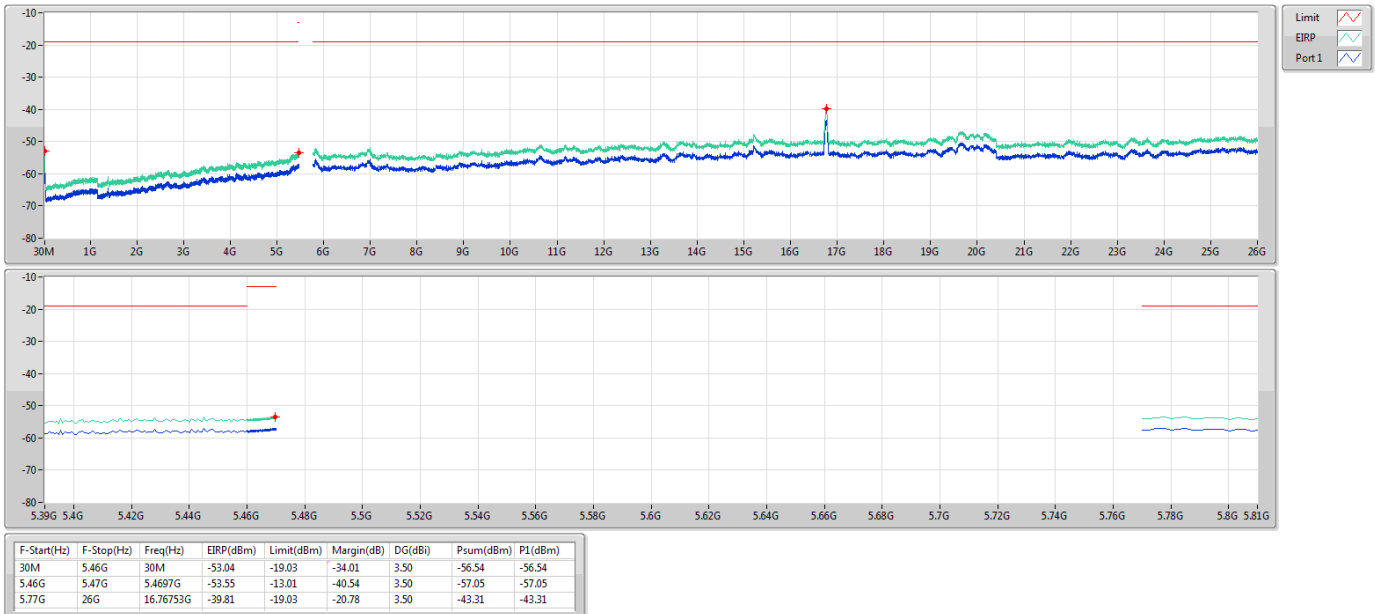


802.11ac VHT40_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5590MHz_TnomVnom

11/01/2022

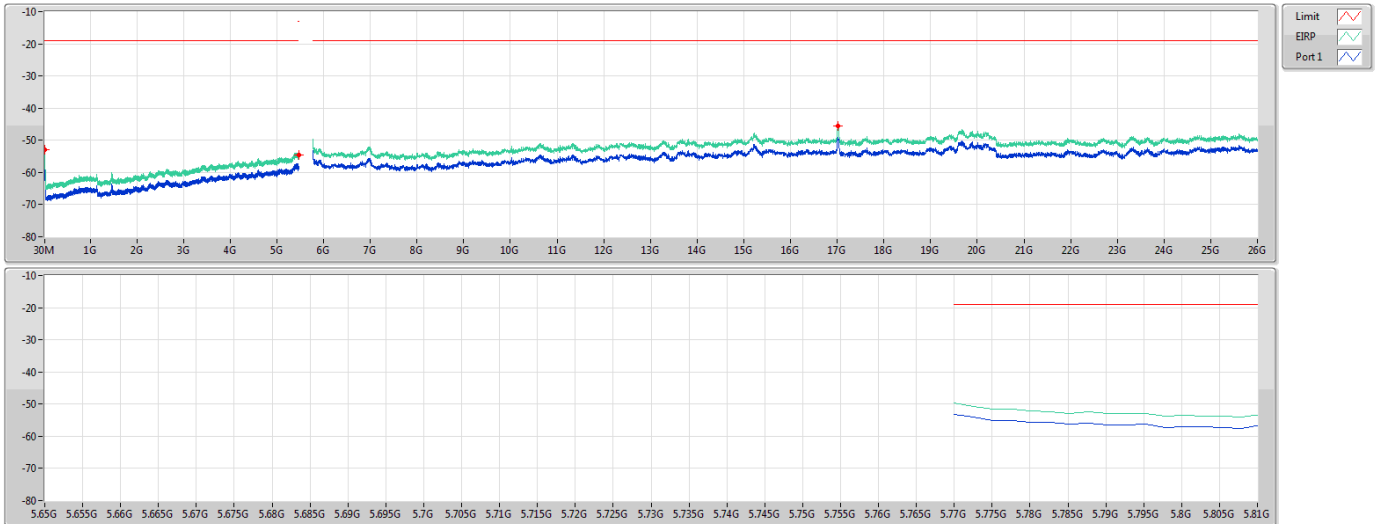


802.11ac VHT40_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5670MHz_TnomVnom

11/01/2022



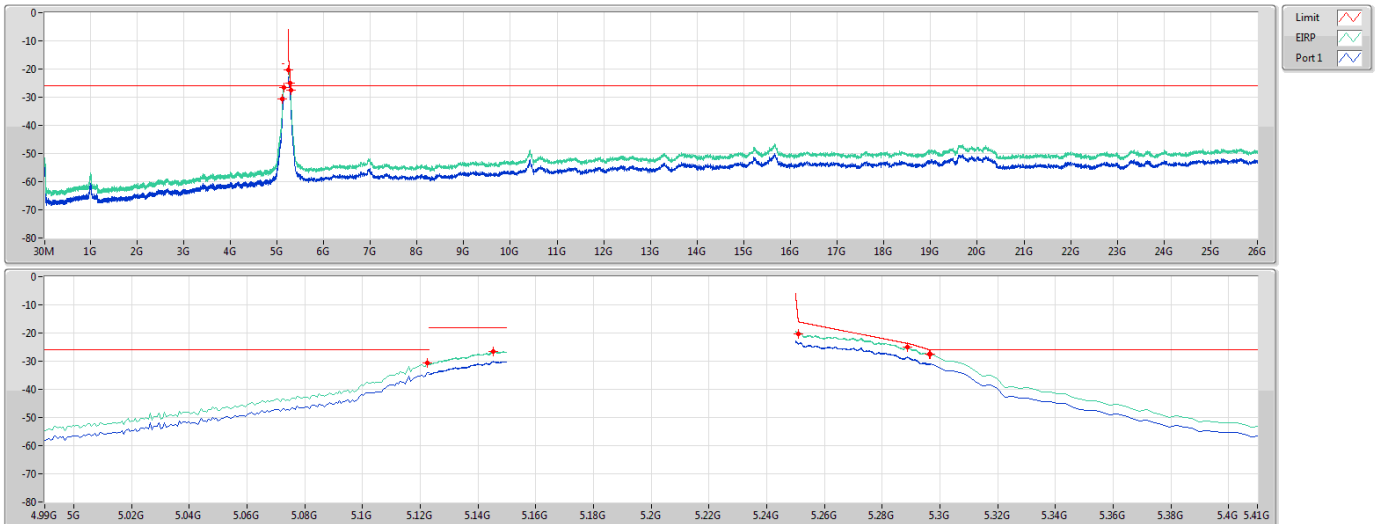
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
30M	5.46G	30M	-53.03	-19.03	-34.00	3.50	-56.53	-56.53
5.46G	5.47G	5.46667G	-54.70	-13.01	-41.69	3.50	-58.20	-58.20
5.77G	26G	17.02294G	-45.58	-19.03	-26.55	3.50	-49.08	-49.08

802.11ac VHT80_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5210MHz_TnomVnom

11/01/2022



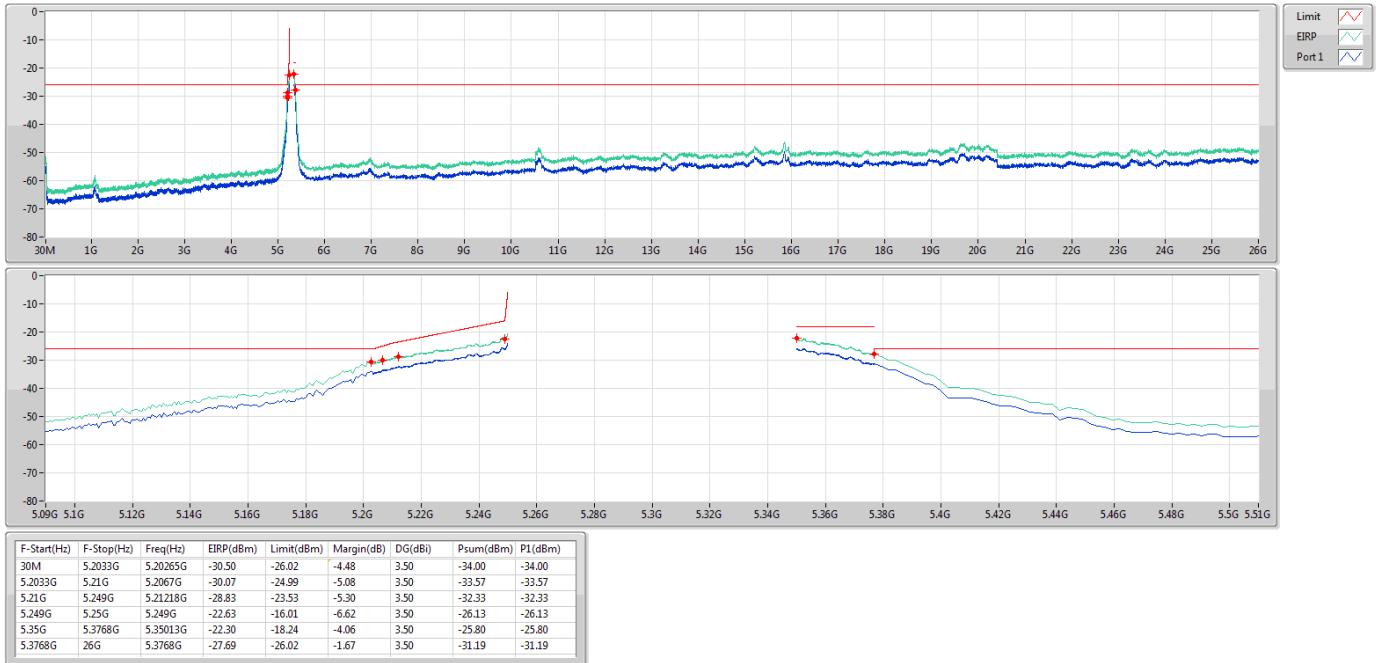
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
30M	5.1232G	5.12256G	-30.48	-26.02	-4.46	3.50	-33.98	-33.98
5.1232G	5.15G	5.14542G	-26.61	-18.24	-8.37	3.50	-30.11	-30.11
5.25G	5.251G	5.251G	-20.18	-16.00	-4.18	3.50	-23.68	-23.68
5.251G	5.29G	5.28875G	-24.96	-23.72	-1.24	3.50	-28.46	-28.46
5.29G	5.2967G	5.29653G	-27.50	-25.97	-1.53	3.50	-31.00	-31.00
5.2967G	26G	5.2967G	-27.44	-26.02	-1.42	3.50	-30.94	-30.94

802.11ac VHT80_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5290MHz_TnomVnom

11/01/2022

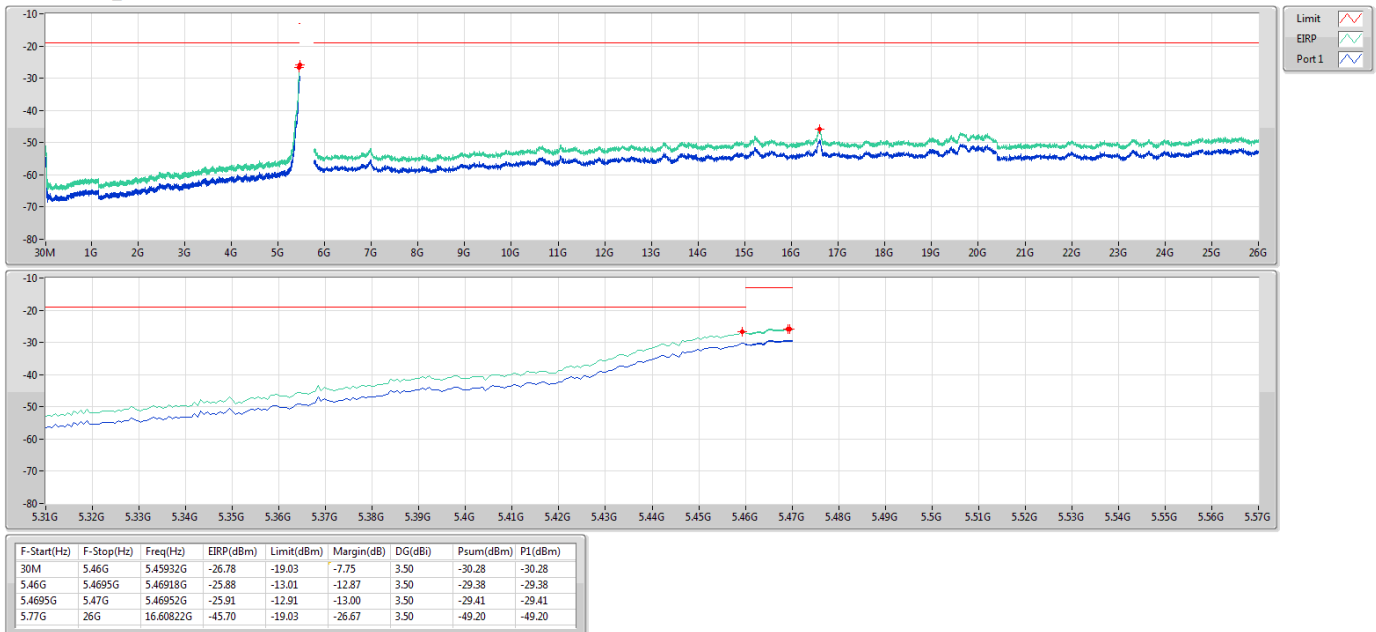


802.11ac VHT80_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5530MHz_TnomVnom

11/01/2022

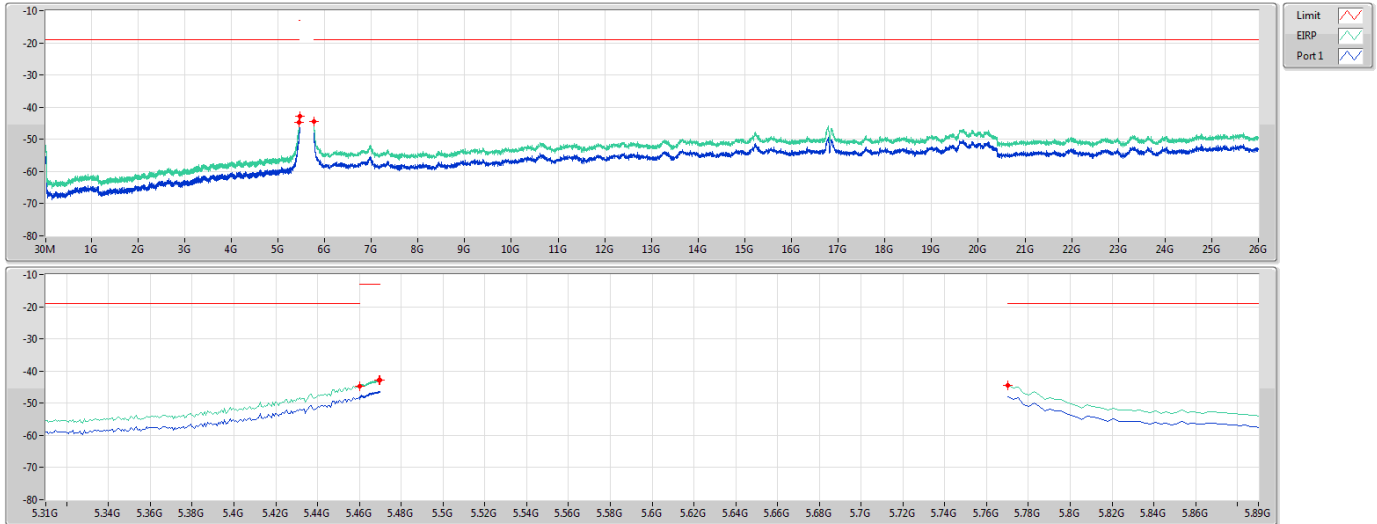


802.11ac VHT80_Nss1,(MCS0)_1TX

Out-Band Leakage Power

5610MHz_TnomVnom

11/01/2022



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
30M	5.46G	5.46G	-44.59	-19.03	-25.56	3.50	-48.09	-48.09
5.46G	5.4695G	5.46938G	-42.85	-13.01	-29.84	3.50	-46.35	-46.35
5.4695G	5.47G	5.4698G	-42.77	-12.91	-29.86	3.50	-46.27	-46.27
5.77G	26G	5.77G	-44.58	-19.03	-25.55	3.50	-48.08	-48.08

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1RX	Pass	1G	26G	1M	6.90625G	-68.43	-68.43	0.14355	-46.99	20
802.11ac VHT20_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.30	-68.30	0.14791	-46.99	20
802.11ac VHT40_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.59	-68.59	0.13836	-46.99	20
802.11ac VHT80_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.54	-68.54	0.13996	-46.99	20
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1RX	Pass	1G	26G	1M	6.90625G	-68.31	-68.31	0.14757	-46.99	20
802.11ac VHT20_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.30	-68.30	0.14791	-46.99	20
802.11ac VHT40_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.35	-68.35	0.14622	-46.99	20
802.11ac VHT80_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.45	-68.45	0.14289	-46.99	20
5.47-5.73GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1RX	Pass	1G	26G	1M	6.90625G	-68.36	-68.36	0.14588	-46.99	20
802.11ac VHT20_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.38	-68.38	0.14521	-46.99	20
802.11ac VHT40_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.37	-68.37	0.14555	-46.99	20
802.11ac VHT80_Nss1,(MCS0)_1RX	Pass	1G	26G	1M	6.90625G	-68.28	-68.28	0.14859	-46.99	20

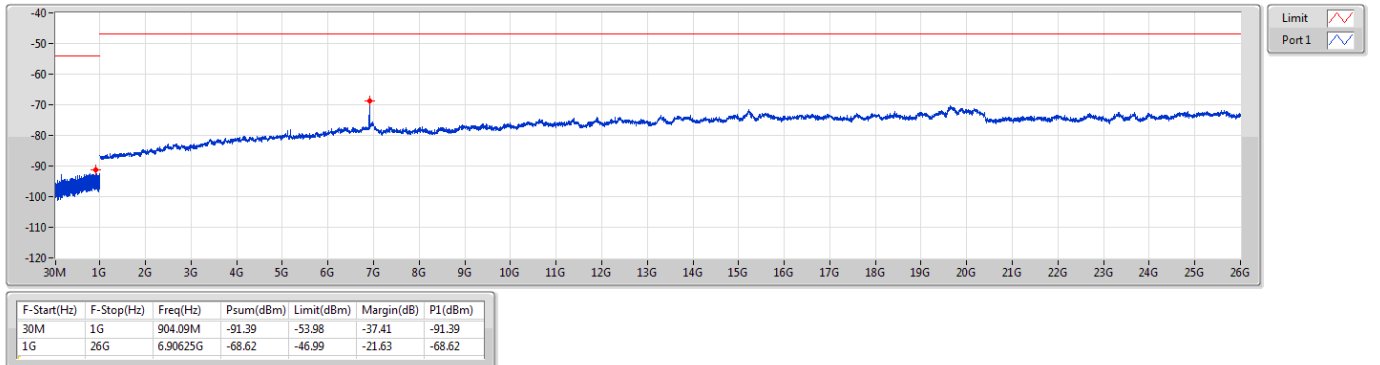
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
802.11a_Nss1,(6Mbps)_1RX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	1G	100k	904.09M	-91.39	-91.39	0.00073	-53.98	4
5180MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.62	-68.62	0.1374	-46.99	20
5240MHz_TnomVnom	Pass	30M	1G	100k	889.3M	-91.93	-91.93	0.00064	-53.98	4
5240MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.43	-68.43	0.14355	-46.99	20
5260MHz_TnomVnom	Pass	30M	1G	100k	642.07M	-91.66	-91.66	0.00068	-53.98	4
5260MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.31	-68.31	0.14757	-46.99	20
5320MHz_TnomVnom	Pass	30M	1G	100k	961.56M	-91.80	-91.80	0.00066	-53.98	4
5320MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.61	-68.61	0.13772	-46.99	20
5500MHz_TnomVnom	Pass	30M	1G	100k	962.53M	-92.06	-92.06	0.00062	-53.98	4
5500MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.46	-68.46	0.14256	-46.99	20
5600MHz_TnomVnom	Pass	30M	1G	100k	923.13M	-91.93	-91.93	0.00064	-53.98	4
5600MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.41	-68.41	0.14421	-46.99	20
5700MHz_TnomVnom	Pass	30M	1G	100k	985.69M	-92.17	-92.17	0.00061	-53.98	4
5700MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.36	-68.36	0.14588	-46.99	20
802.11ac_VHT20_Nss1,(MCS0)_1RX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	1G	100k	889.42M	-91.72	-91.72	0.00067	-53.98	4
5180MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.57	-68.57	0.139	-46.99	20
5240MHz_TnomVnom	Pass	30M	1G	100k	834.74M	-91.25	-91.25	0.00075	-53.98	4
5240MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.30	-68.30	0.14791	-46.99	20
5260MHz_TnomVnom	Pass	30M	1G	100k	843.95M	-91.60	-91.60	0.00069	-53.98	4
5260MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.42	-68.42	0.14388	-46.99	20
5320MHz_TnomVnom	Pass	30M	1G	100k	862.87M	-91.65	-91.65	0.00068	-53.98	4
5320MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.30	-68.30	0.14791	-46.99	20
5500MHz_TnomVnom	Pass	30M	1G	100k	892.57M	-91.74	-91.74	0.00067	-53.98	4
5500MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.38	-68.38	0.14521	-46.99	20
5600MHz_TnomVnom	Pass	30M	1G	100k	927.25M	-91.87	-91.87	0.00065	-53.98	4
5600MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.43	-68.43	0.14355	-46.99	20
5700MHz_TnomVnom	Pass	30M	1G	100k	873.29M	-91.87	-91.87	0.00065	-53.98	4
5700MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.66	-68.66	0.13614	-46.99	20
802.11ac_VHT40_Nss1,(MCS0)_1RX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	30M	1G	100k	609.45M	-91.57	-91.57	0.0007	-53.98	4
5190MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.59	-68.59	0.13836	-46.99	20
5230MHz_TnomVnom	Pass	30M	1G	100k	902.76M	-91.86	-91.86	0.00065	-53.98	4
5230MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.62	-68.62	0.1374	-46.99	20
5270MHz_TnomVnom	Pass	30M	1G	100k	824.31M	-91.67	-91.67	0.00068	-53.98	4
5270MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.63	-68.63	0.13709	-46.99	20
5310MHz_TnomVnom	Pass	30M	1G	100k	794.97M	-92.22	-92.22	0.0006	-53.98	4
5310MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.35	-68.35	0.14622	-46.99	20
5510MHz_TnomVnom	Pass	30M	1G	100k	911M	-91.94	-91.94	0.00064	-53.98	4
5510MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.37	-68.37	0.14555	-46.99	20
5590MHz_TnomVnom	Pass	30M	1G	100k	999.76M	-91.74	-91.74	0.00067	-53.98	4
5590MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.57	-68.57	0.139	-46.99	20
5670MHz_TnomVnom	Pass	30M	1G	100k	670.93M	-91.69	-91.69	0.00068	-53.98	4
5670MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.57	-68.57	0.139	-46.99	20
802.11ac_VHT80_Nss1,(MCS0)_1RX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	30M	1G	100k	985.81M	-91.69	-91.69	0.00068	-53.98	4
5210MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.54	-68.54	0.13996	-46.99	20
5290MHz_TnomVnom	Pass	30M	1G	100k	632.37M	-92.15	-92.15	0.00061	-53.98	4
5290MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.45	-68.45	0.14289	-46.99	20
5530MHz_TnomVnom	Pass	30M	1G	100k	906.03M	-91.17	-91.17	0.00076	-53.98	4
5530MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.28	-68.28	0.14859	-46.99	20
5610MHz_TnomVnom	Pass	30M	1G	100k	872.32M	-91.98	-91.98	0.00063	-53.98	4
5610MHz_TnomVnom	Pass	1G	26G	1M	6.90625G	-68.62	-68.62	0.1374	-46.99	20

802.11a_Nss1,(6Mbps)_1RX

CSE-RX

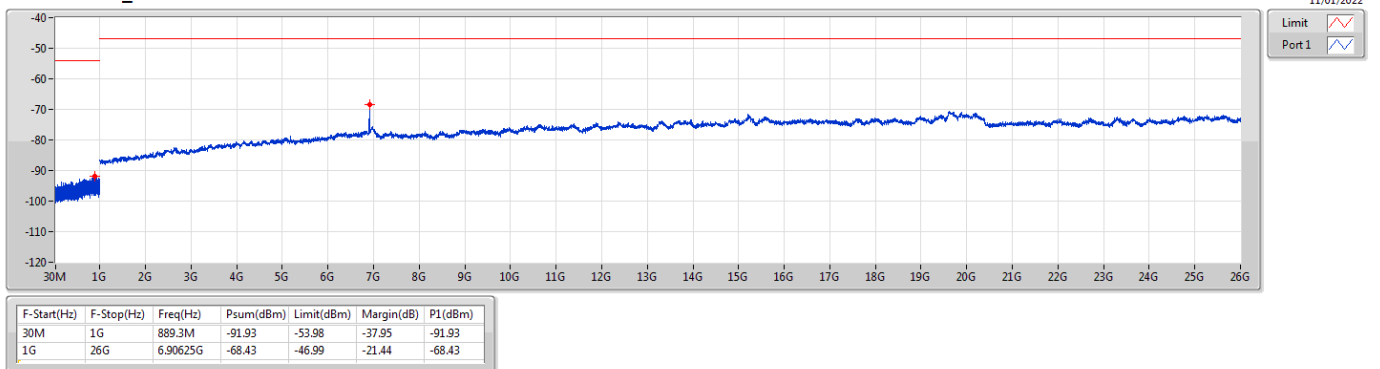
5180MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1RX

CSE-RX

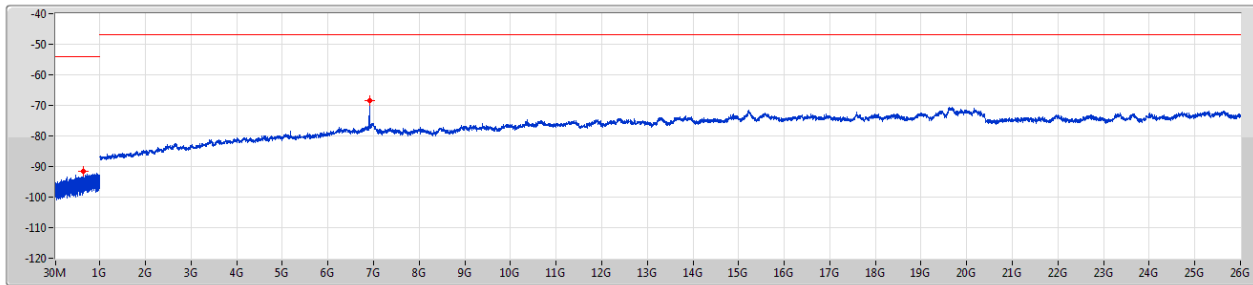
5240MHz_TnomVnom



802.11a_Nss1,(6Mbps)_1RX

CSE-RX

5260MHz_TnomVnom



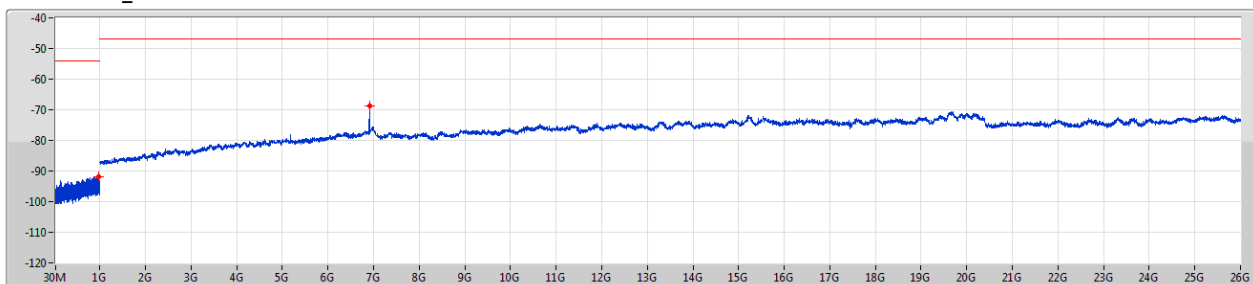
11/01/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	642.07M	-91.66	-53.98	-37.68	-91.66
1G	26G	6.90625G	-68.31	-46.99	-21.32	-68.31

802.11a_Nss1,(6Mbps)_1RX

CSE-RX

5320MHz_TnomVnom



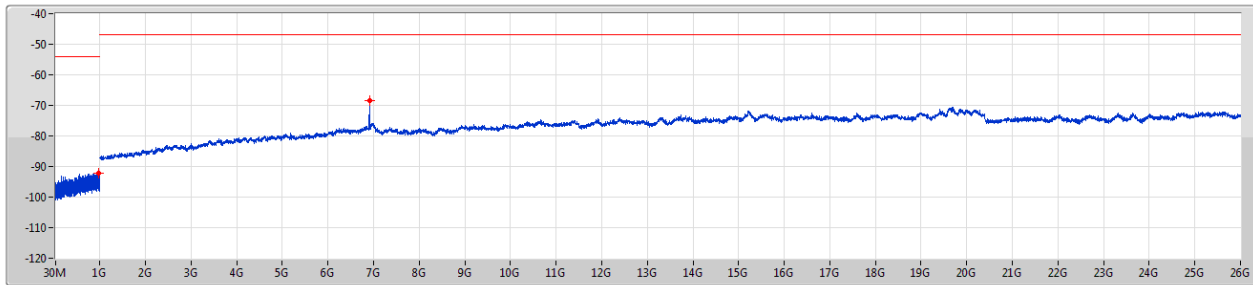
11/01/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	961.56M	-91.80	-53.98	-37.82	-91.80
1G	26G	6.90625G	-68.61	-46.99	-21.62	-68.61

802.11a_Nss1,(6Mbps)_1RX

CSE-RX

5500MHz_TnomVnom

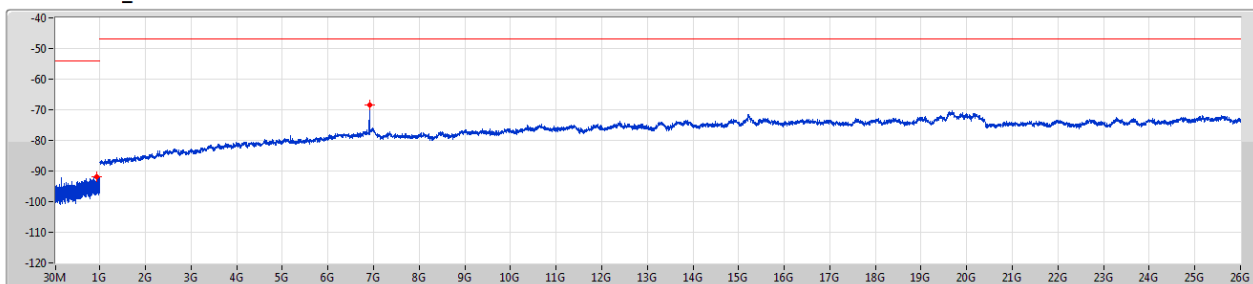


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	962.53M	-92.06	-53.98	-38.08	-92.06
1G	26G	6.90625G	-68.46	-46.99	-21.47	-68.46

802.11a_Nss1,(6Mbps)_1RX

CSE-RX

5600MHz_TnomVnom

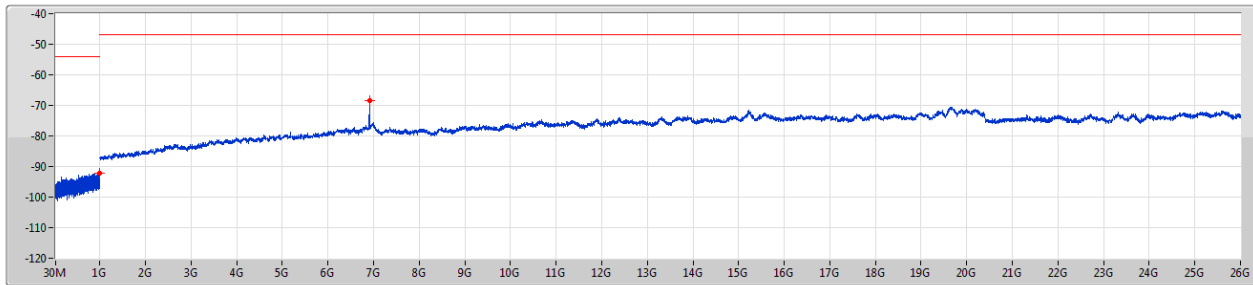


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	923.13M	-91.93	-53.98	-37.95	-91.93
1G	26G	6.90625G	-68.41	-46.99	-21.42	-68.41

802.11a_Nss1,(6Mbps)_1RX

CSE-RX

5700MHz_TnomVnom



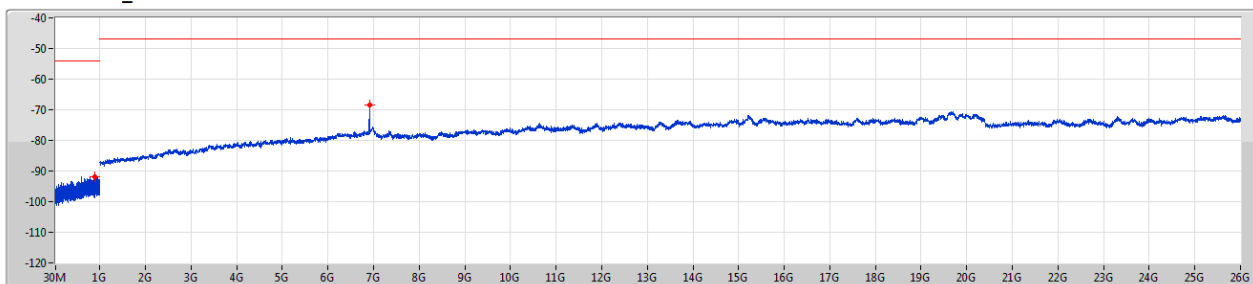
11/01/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	985.69M	-92.17	-53.98	-38.19	-92.17
1G	26G	6.90625G	-68.36	-46.99	-21.37	-68.36

802.11ac_VHT20_Nss1,(MCS0)_1RX

CSE-RX

5180MHz_TnomVnom



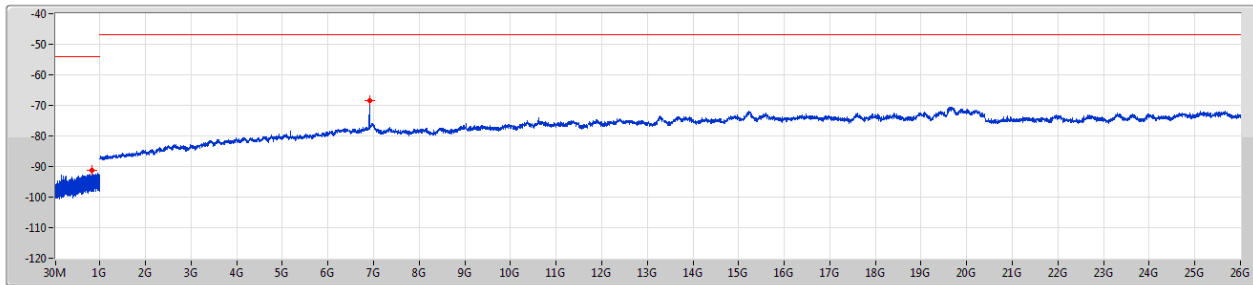
11/01/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	889.42M	-91.72	-53.98	-37.74	-91.72
1G	26G	6.90625G	-68.57	-46.99	-21.58	-68.57

802.11ac VHT20_Nss1,(MCS0)_1RX

CSE-RX

5240MHz_TnomVnom

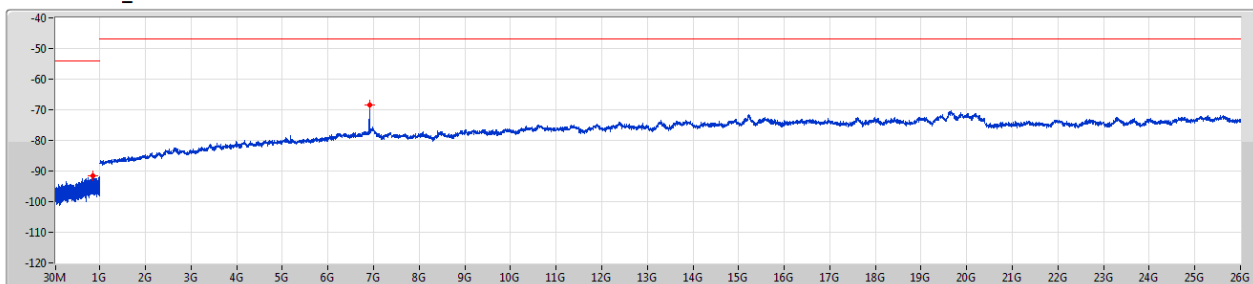


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	834.74M	-91.25	-53.98	-37.27	-91.25
1G	26G	6.90625G	-68.30	-46.99	-21.31	-68.30

802.11ac VHT20_Nss1,(MCS0)_1RX

CSE-RX

5260MHz_TnomVnom

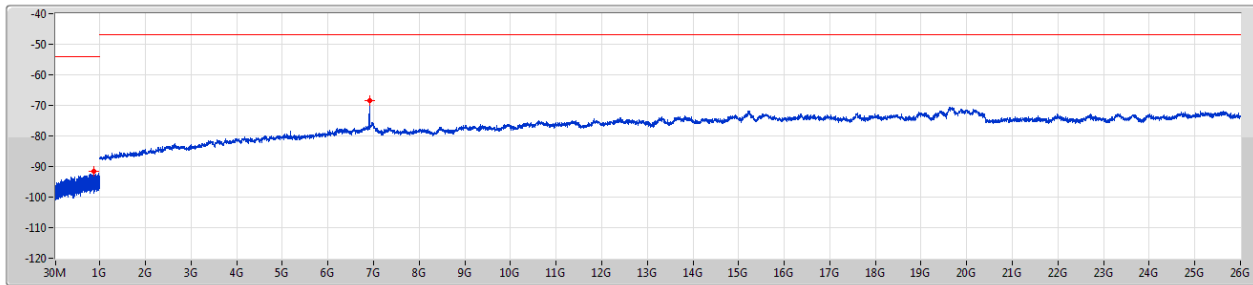


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	843.95M	-91.60	-53.98	-37.62	-91.60
1G	26G	6.90625G	-68.42	-46.99	-21.43	-68.42

802.11ac VHT20_Nss1,(MCS0)_1RX

CSE-RX

5320MHz_TnomVnom

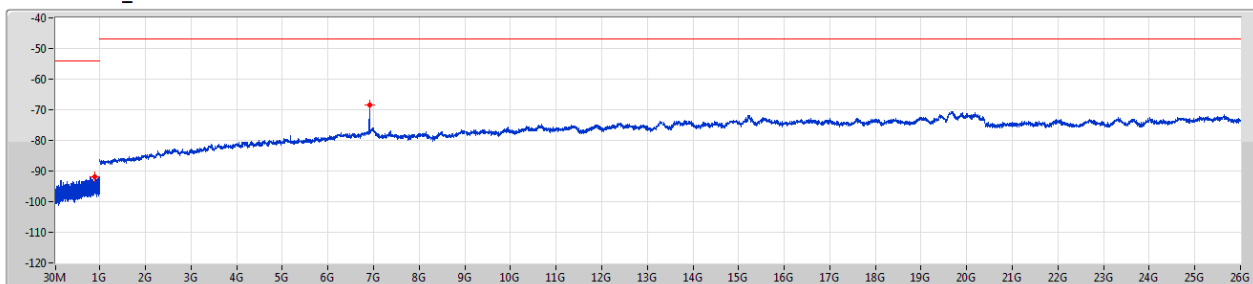


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	862.87M	-91.65	-53.98	-37.67	-91.65
1G	26G	6.90625G	-68.30	-46.99	-21.31	-68.30

802.11ac VHT20_Nss1,(MCS0)_1RX

CSE-RX

5500MHz_TnomVnom

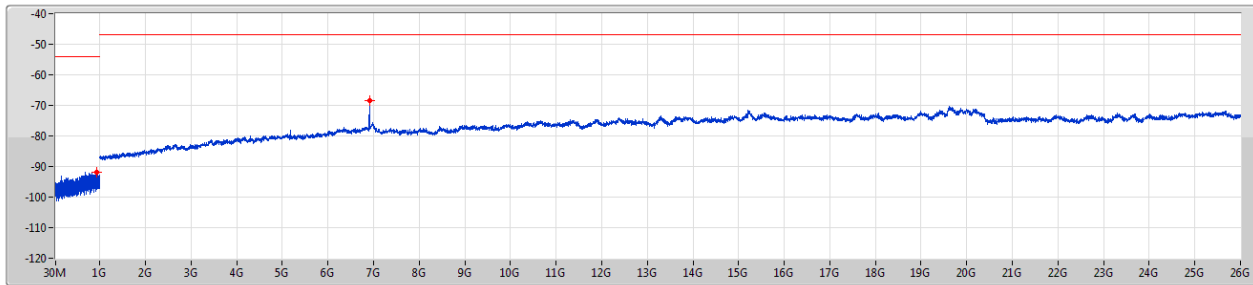


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	892.57M	-91.74	-53.98	-37.76	-91.74
1G	26G	6.90625G	-68.38	-46.99	-21.39	-68.38

802.11ac VHT20_Nss1,(MCS0)_1RX

CSE-RX

5600MHz_TnomVnom

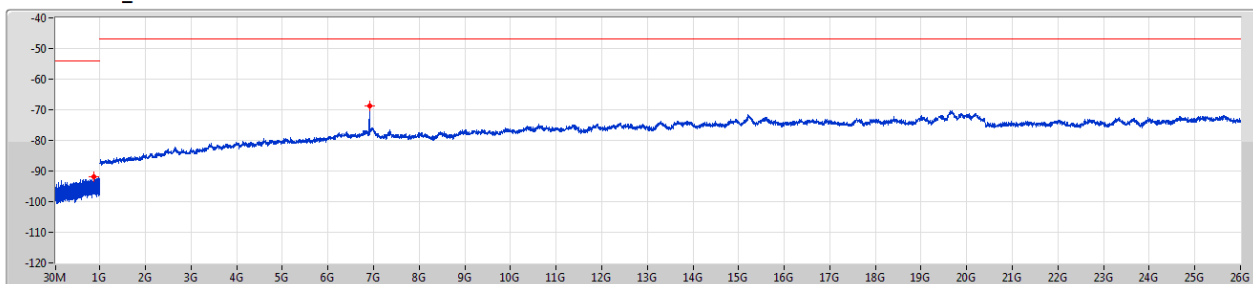


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	927.25M	-91.87	-53.98	-37.89	-91.87
1G	26G	6.90625G	-68.43	-46.99	-21.44	-68.43

802.11ac VHT20_Nss1,(MCS0)_1RX

CSE-RX

5700MHz_TnomVnom

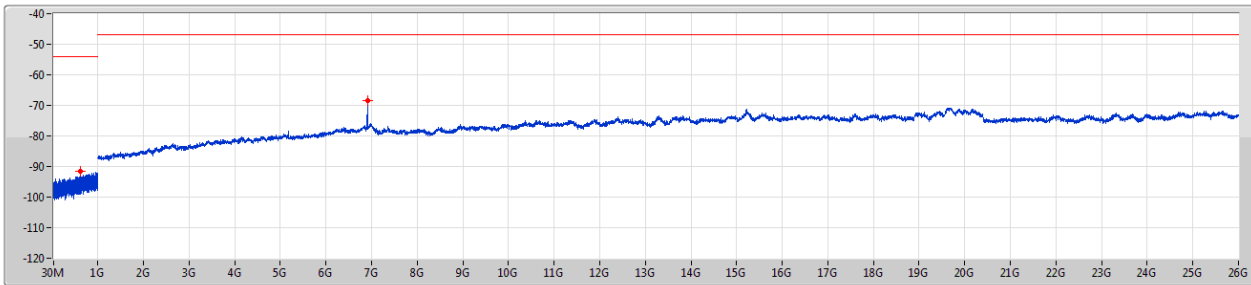


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	873.29M	-91.87	-53.98	-37.89	-91.87
1G	26G	6.90625G	-68.66	-46.99	-21.67	-68.66

802.11ac VHT40_Nss1,(MCS0)_1RX

CSE-RX

5190MHz_TnomVnom



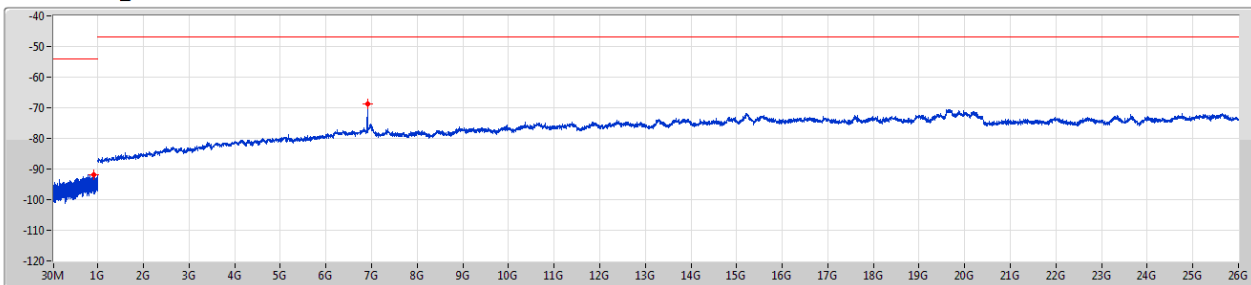
11/01/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	609.45M	-91.57	-53.98	-37.59	-91.57
1G	26G	6.90625G	-68.59	-46.99	-21.60	-68.59

802.11ac VHT40_Nss1,(MCS0)_1RX

CSE-RX

5230MHz_TnomVnom



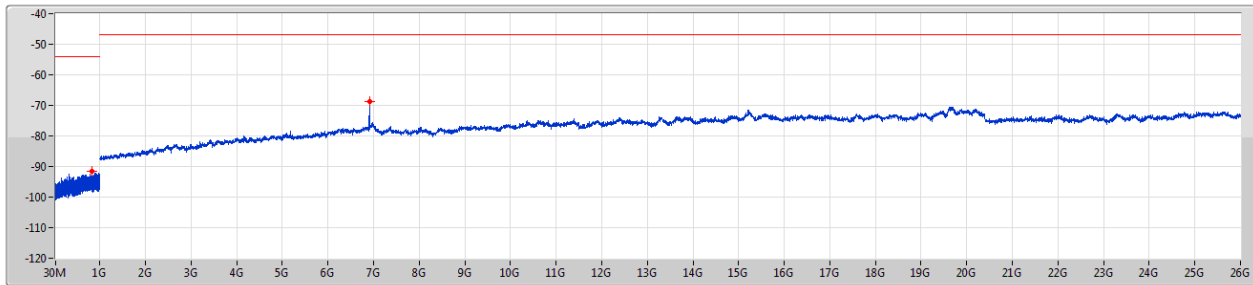
11/01/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	902.76M	-91.86	-53.98	-37.88	-91.86
1G	26G	6.90625G	-68.62	-46.99	-21.63	-68.62

802.11ac VHT40_Nss1,(MCS0)_1RX

CSE-RX

5270MHz_TnomVnom

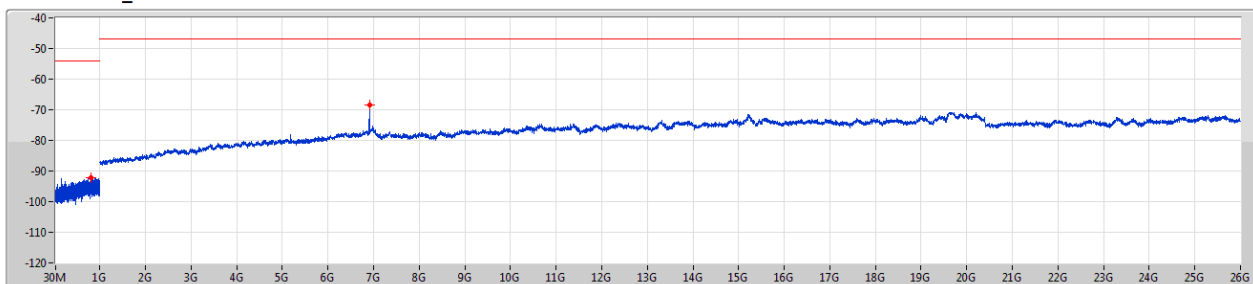


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	824.31M	-91.67	-53.98	-37.69	-91.67
1G	26G	6.90625G	-68.63	-46.99	-21.64	-68.63

802.11ac VHT40_Nss1,(MCS0)_1RX

CSE-RX

5310MHz_TnomVnom

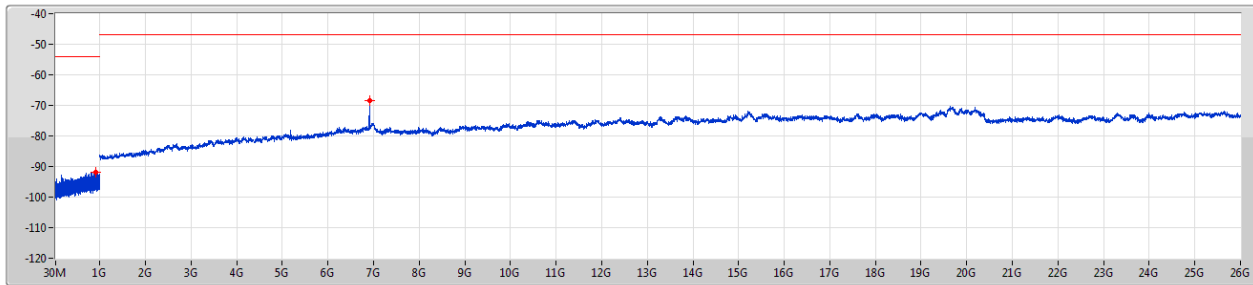


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	794.97M	-92.22	-53.98	-38.24	-92.22
1G	26G	6.90625G	-68.35	-46.99	-21.36	-68.35

802.11ac VHT40_Nss1,(MCS0)_1RX

CSE-RX

5510MHz_TnomVnom

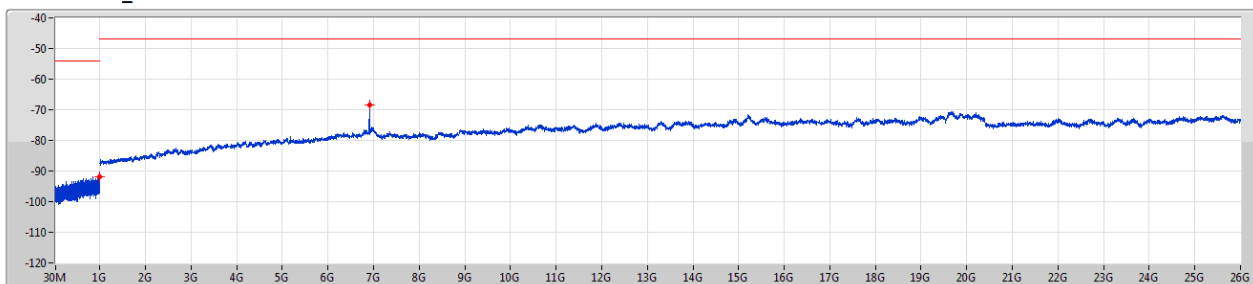


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	911M	-91.94	-53.98	-37.96	-91.94
1G	26G	6.90625G	-68.37	-46.99	-21.38	-68.37

802.11ac VHT40_Nss1,(MCS0)_1RX

CSE-RX

5590MHz_TnomVnom

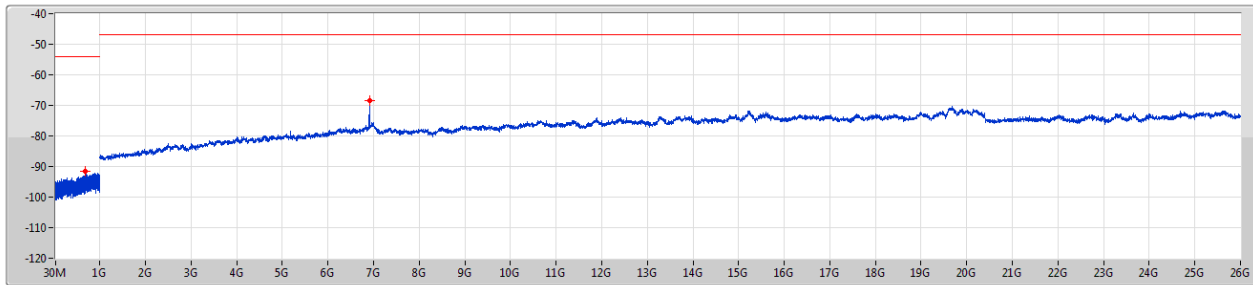


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	999.76M	-91.74	-53.98	-37.76	-91.74
1G	26G	6.90625G	-68.57	-46.99	-21.58	-68.57

802.11ac VHT40_Nss1,(MCS0)_1RX

CSE-RX

5670MHz_TnomVnom



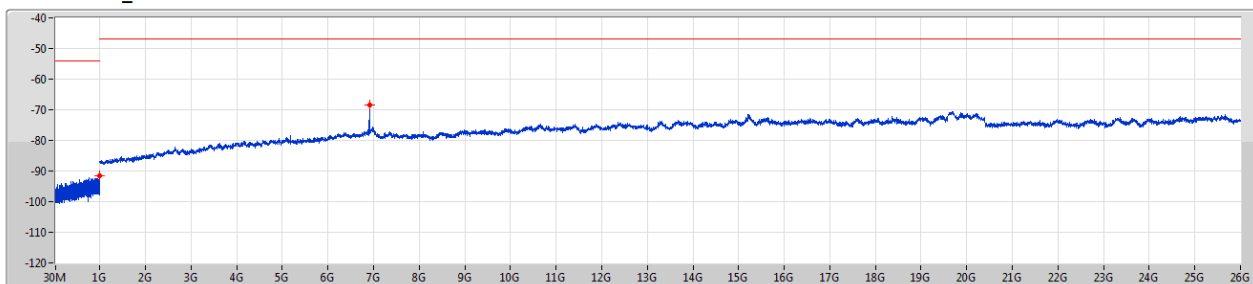
11/01/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	670.93M	-91.69	-53.98	-37.71	-91.69
1G	26G	6.90625G	-68.57	-46.99	-21.58	-68.57

802.11ac VHT80_Nss1,(MCS0)_1RX

CSE-RX

5210MHz_TnomVnom



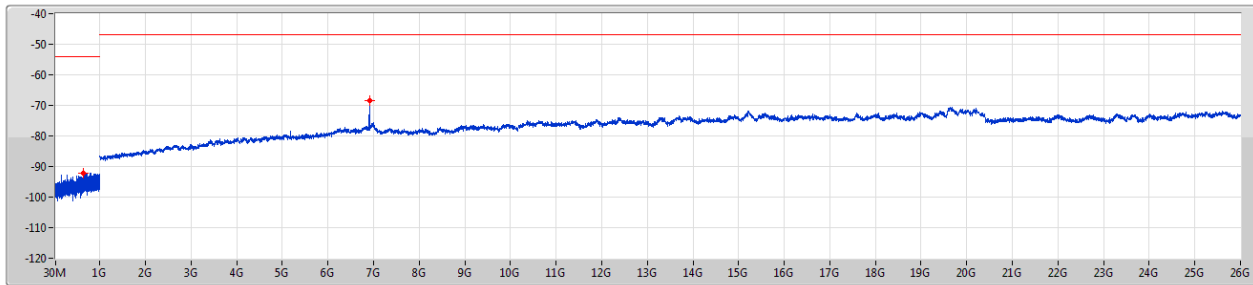
11/01/2022
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	985.81M	-91.69	-53.98	-37.71	-91.69
1G	26G	6.90625G	-68.54	-46.99	-21.55	-68.54

802.11ac VHT80_Nss1,(MCS0)_1RX

CSE-RX

5290MHz_TnomVnom

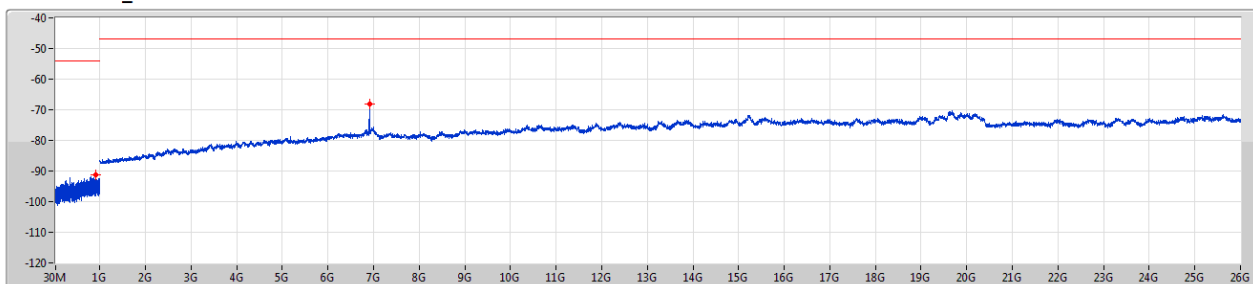


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	632.37M	-92.15	-53.98	-38.17	-92.15
1G	26G	6.90625G	-68.45	-46.99	-21.46	-68.45

802.11ac VHT80_Nss1,(MCS0)_1RX

CSE-RX

5530MHz_TnomVnom

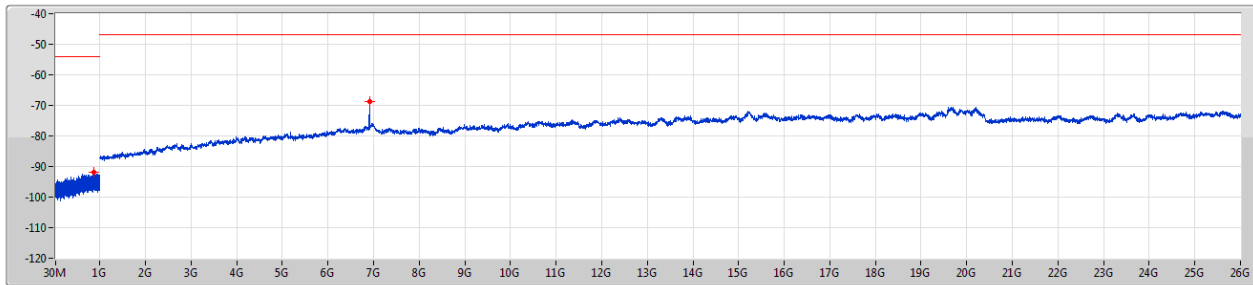


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	906.03M	-91.17	-53.98	-37.19	-91.17
1G	26G	6.90625G	-68.28	-46.99	-21.29	-68.28

802.11ac VHT80_Nss1,(MCS0)_1RX

CSE-RX

5610MHz_TnomVnom



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	872.32M	-91.98	-53.98	-38.00	-91.98
1G	26G	6.90625G	-68.62	-46.99	-21.63	-68.62

Summary

Mode	Max-Dwell (s)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	248.5u
802.11ac VHT20_Nss1,(MCS0)_1TX	2.3155m
802.11ac VHT40_Nss1,(MCS0)_1TX	1.0265m
802.11ac VHT80_Nss1,(MCS0)_1TX	440u
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	248.5u
802.11ac VHT20_Nss1,(MCS0)_1TX	2.3155m
802.11ac VHT40_Nss1,(MCS0)_1TX	1.02675m
802.11ac VHT80_Nss1,(MCS0)_1TX	440u
5.47-5.73GHz	-
802.11a_Nss1,(6Mbps)_1TX	248.5u
802.11ac VHT20_Nss1,(MCS0)_1TX	2.3155m
802.11ac VHT40_Nss1,(MCS0)_1TX	1.02675m
802.11ac VHT80_Nss1,(MCS0)_1TX	411.25u

Result

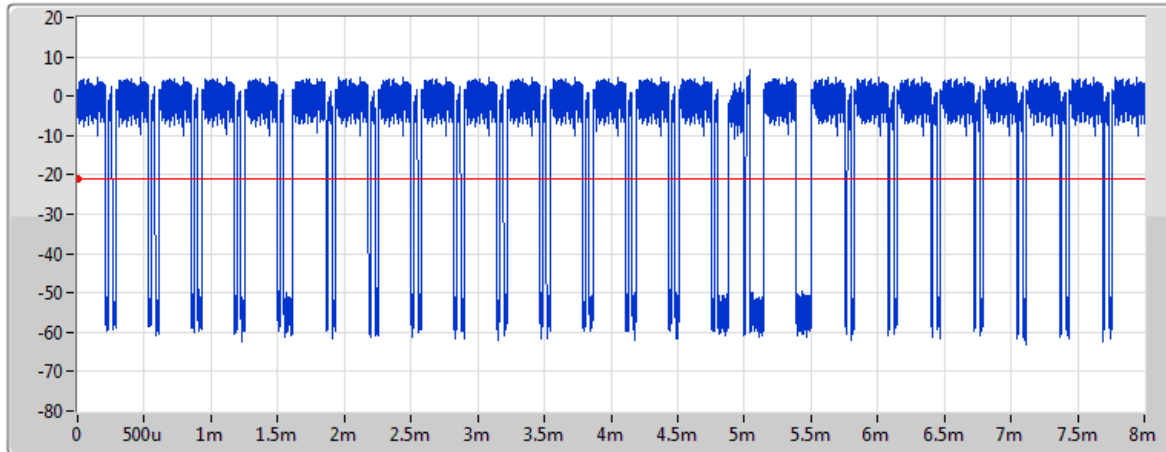
Mode	Result	TX Burst Time (s)	Limit (s)
802.11a_Nss1,(6Mbps)_1TX	-	-	-
5180MHz_TnomVnom	Pass	248.25u	8m
5240MHz_TnomVnom	Pass	248.5u	8m
5260MHz_TnomVnom	Pass	248.5u	8m
5320MHz_TnomVnom	Pass	248.5u	8m
5500MHz_TnomVnom	Pass	248.5u	8m
5600MHz_TnomVnom	Pass	248.5u	8m
5700MHz_TnomVnom	Pass	248.25u	8m
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	2.31525m	8m
5240MHz_TnomVnom	Pass	2.3155m	8m
5260MHz_TnomVnom	Pass	2.3155m	8m
5320MHz_TnomVnom	Pass	2.3155m	8m
5500MHz_TnomVnom	Pass	2.3155m	8m
5600MHz_TnomVnom	Pass	2.31525m	8m
5700MHz_TnomVnom	Pass	2.3155m	8m
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	1.0265m	8m
5230MHz_TnomVnom	Pass	1.0265m	8m
5270MHz_TnomVnom	Pass	1.0265m	8m
5310MHz_TnomVnom	Pass	1.02675m	8m
5510MHz_TnomVnom	Pass	1.02675m	8m
5590MHz_TnomVnom	Pass	1.02675m	8m
5670MHz_TnomVnom	Pass	1.02675m	8m
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-
5210MHz_TnomVnom	Pass	440u	8m
5290MHz_TnomVnom	Pass	440u	8m
5530MHz_TnomVnom	Pass	411.25u	8m
5610MHz_TnomVnom	Pass	411u	8m

802.11a_Nss1,(6Mbps)_1TX

TX Burst

5180MHz_TnomVnom

11/01/2022



Port 1 

CF
5.18GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
248.25us

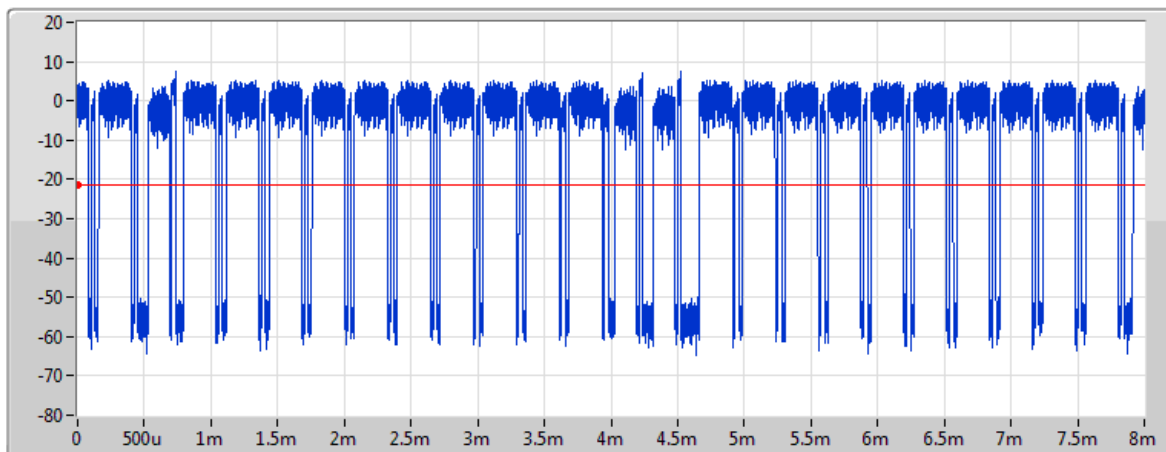
TX Burst Time(s)	Limit(s)
248.25u	8m

802.11a_Nss1,(6Mbps)_1TX

TX Burst

5240MHz_TnomVnom

11/01/2022



Port 1 

CF
5.24GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
248.5us

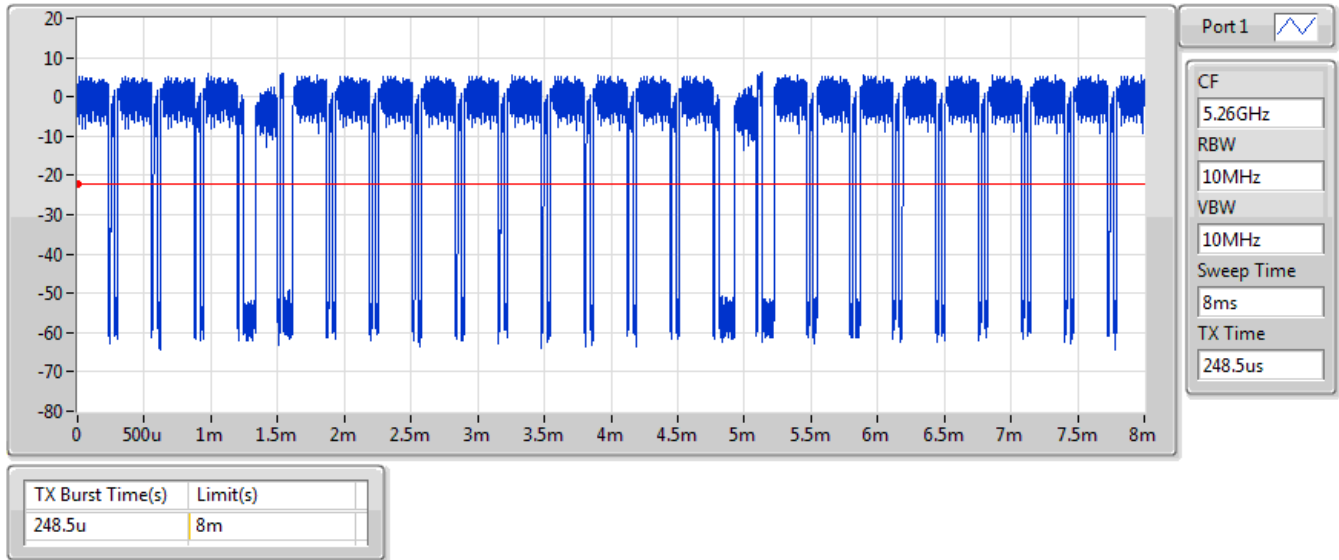
TX Burst Time(s)	Limit(s)
248.5u	8m

802.11a_Nss1,(6Mbps)_1TX

TX Burst

5260MHz_TnomVnom

11/01/2022

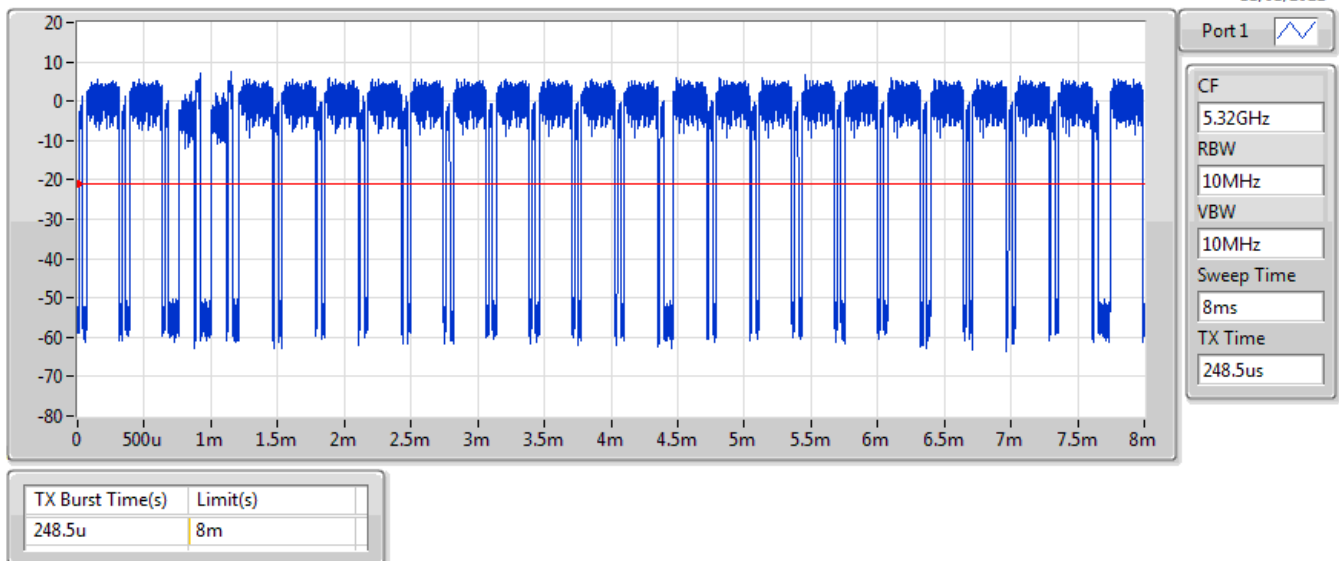


802.11a_Nss1,(6Mbps)_1TX

TX Burst

5320MHz_TnomVnom

11/01/2022

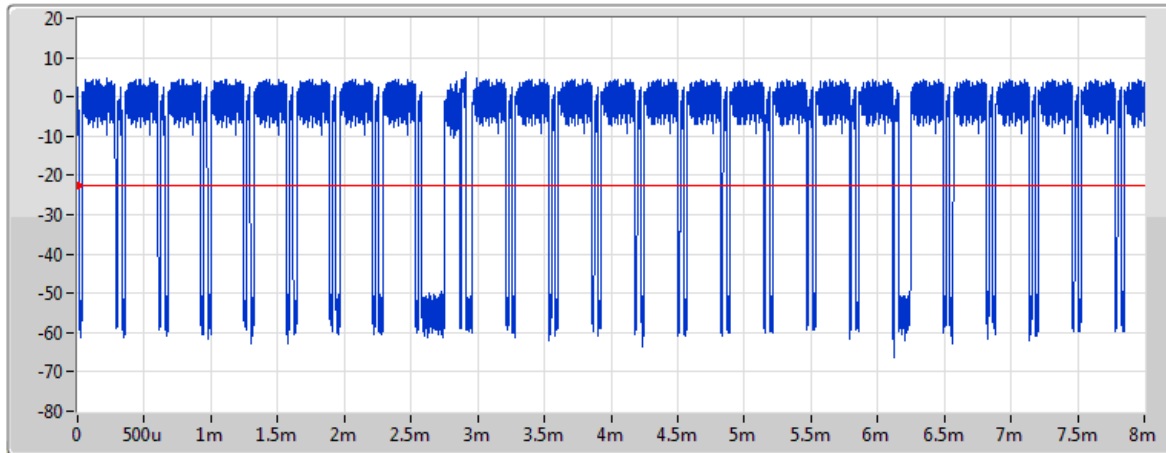


802.11a_Nss1,(6Mbps)_1TX

TX Burst

5500MHz_TnomVnom

11/01/2022



Port 1 

CF
5.18GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
248.5us

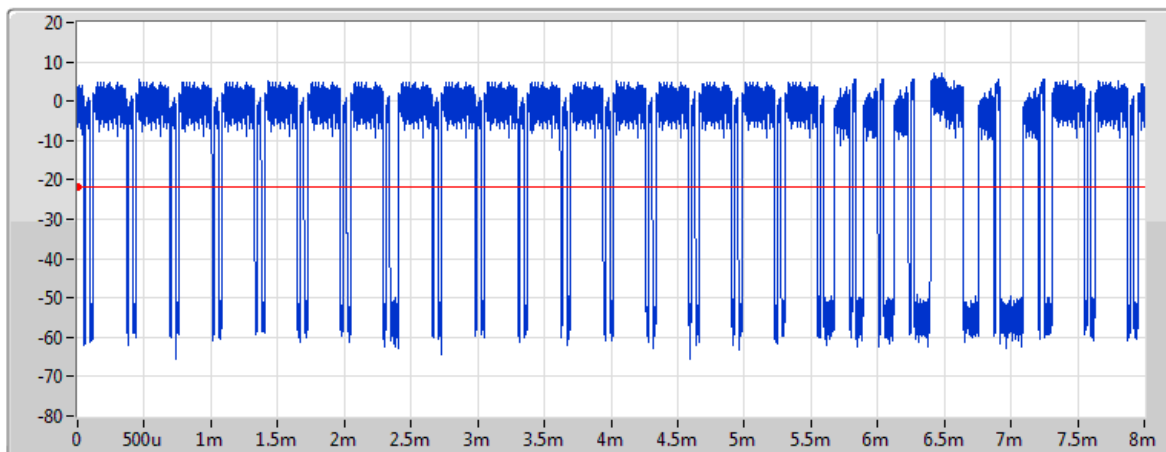
TX Burst Time(s)	Limit(s)
248.5u	8m

802.11a_Nss1,(6Mbps)_1TX

TX Burst

5600MHz_TnomVnom

11/01/2022



Port 1 

CF
5.18GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
248.5us

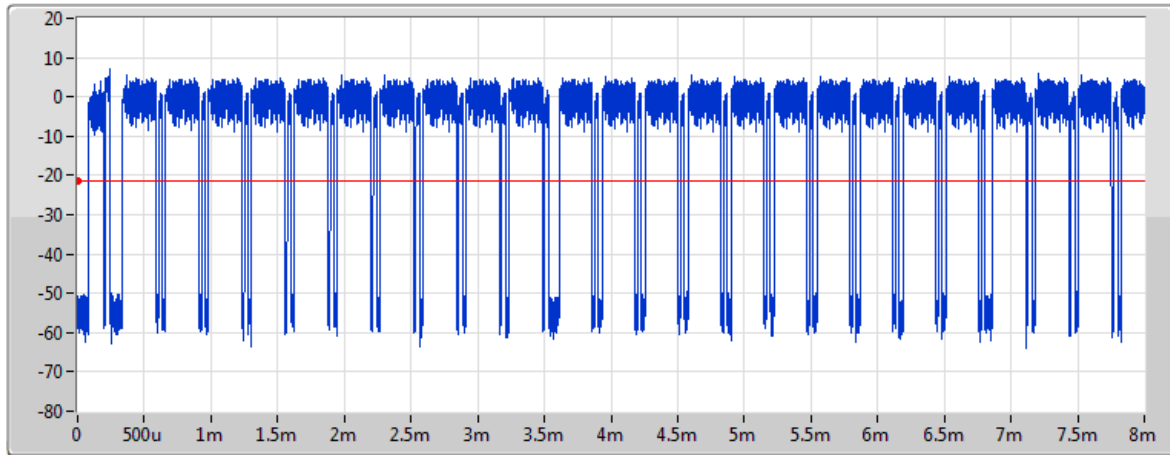
TX Burst Time(s)	Limit(s)
248.5u	8m

802.11a_Nss1,(6Mbps)_1TX

TX Burst

5700MHz_TnomVnom

11/01/2022



Port 1 

CF
5.18GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
248.25us

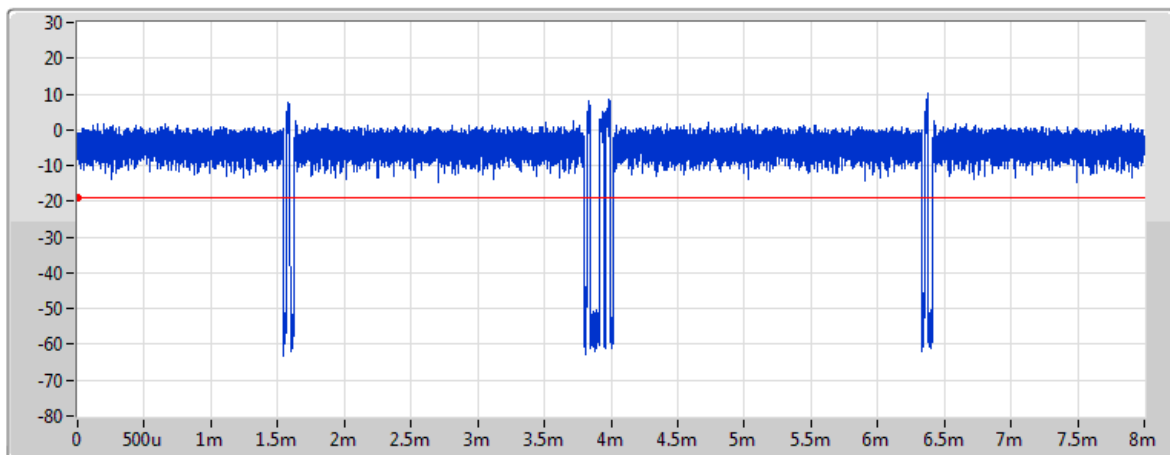
TX Burst Time(s)	Limit(s)
248.25u	8m

802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

5180MHz_TnomVnom

11/01/2022



Port 1 

CF
5.5GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
2.31525ms

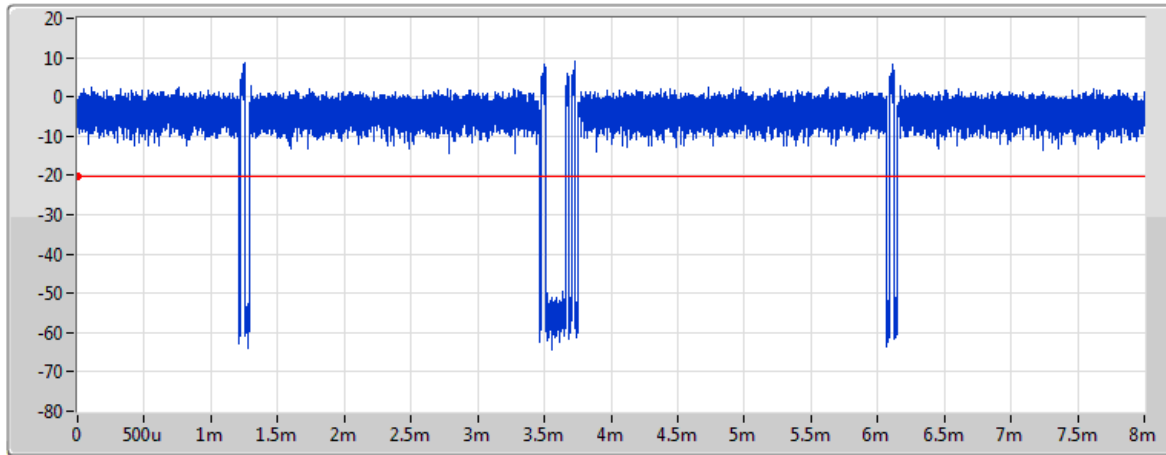
TX Burst Time(s)	Limit(s)
2.31525m	8m

802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

5240MHz_TnomVnom

11/01/2022



Port 1 

CF
5.5GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
2.3155ms

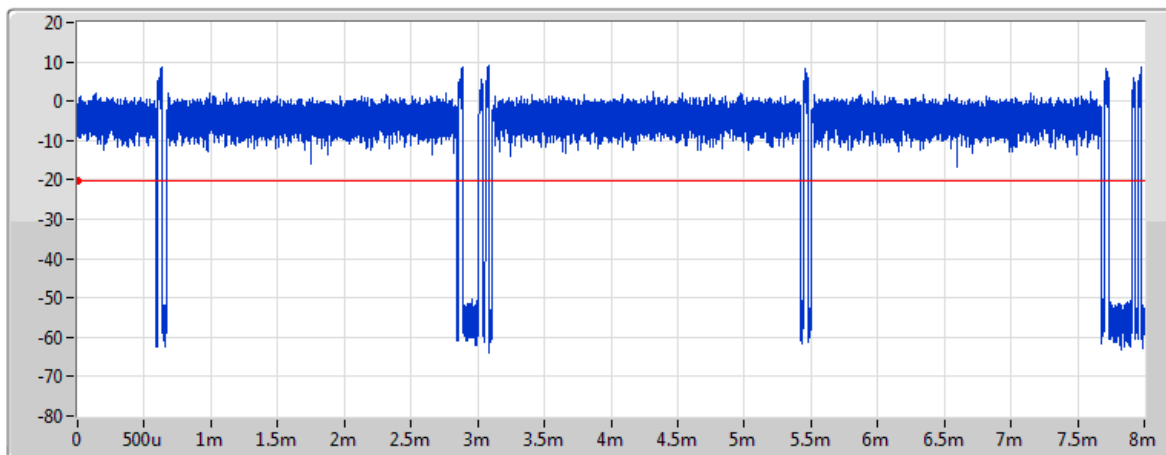
TX Burst Time(s)	Limit(s)
2.3155m	8m

802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

5260MHz_TnomVnom

11/01/2022



Port 1 

CF
5.5GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
2.3155ms

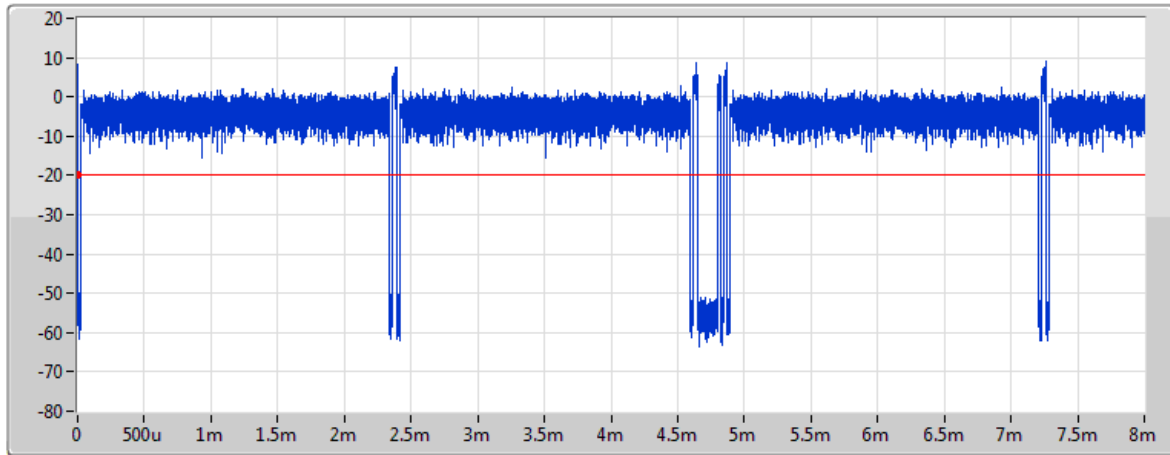
TX Burst Time(s)	Limit(s)
2.3155m	8m

802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

5320MHz_TnomVnom

11/01/2022



Port 1 

CF
5.5GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
2.3155ms

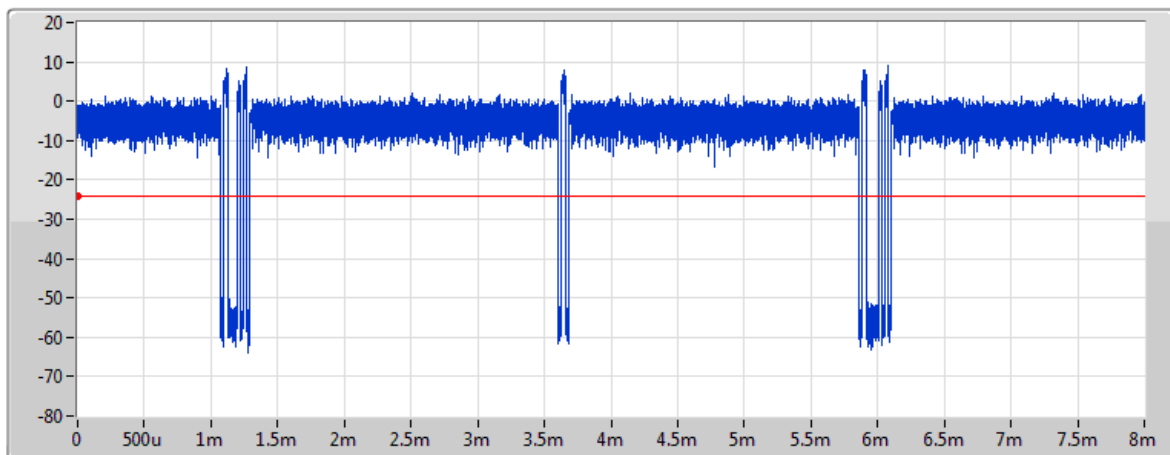
TX Burst Time(s)	Limit(s)
2.3155m	8m

802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

5500MHz_TnomVnom

11/01/2022



Port 1 

CF
5.5GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
2.3155ms

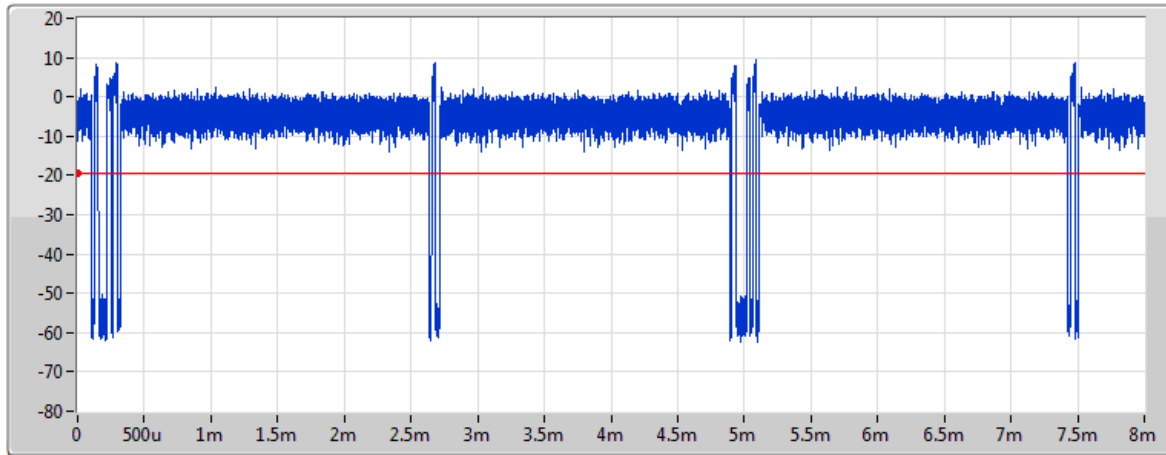
TX Burst Time(s)	Limit(s)
2.3155m	8m

802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

5600MHz_TnomVnom

11/01/2022



Port 1 

CF
5.5GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
2.31525ms

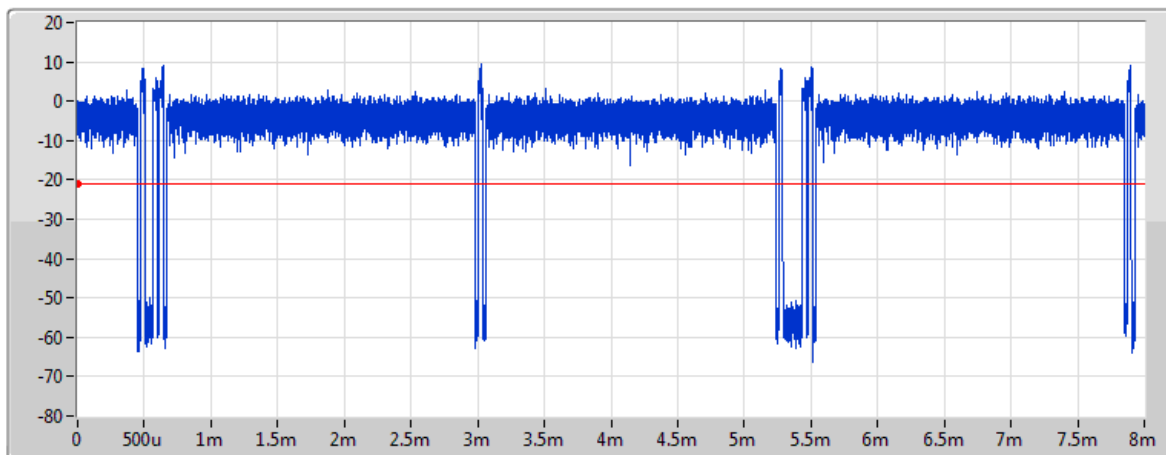
TX Burst Time(s)	Limit(s)
2.31525m	8m

802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

5700MHz_TnomVnom

11/01/2022



Port 1 

CF
5.5GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
2.3155ms

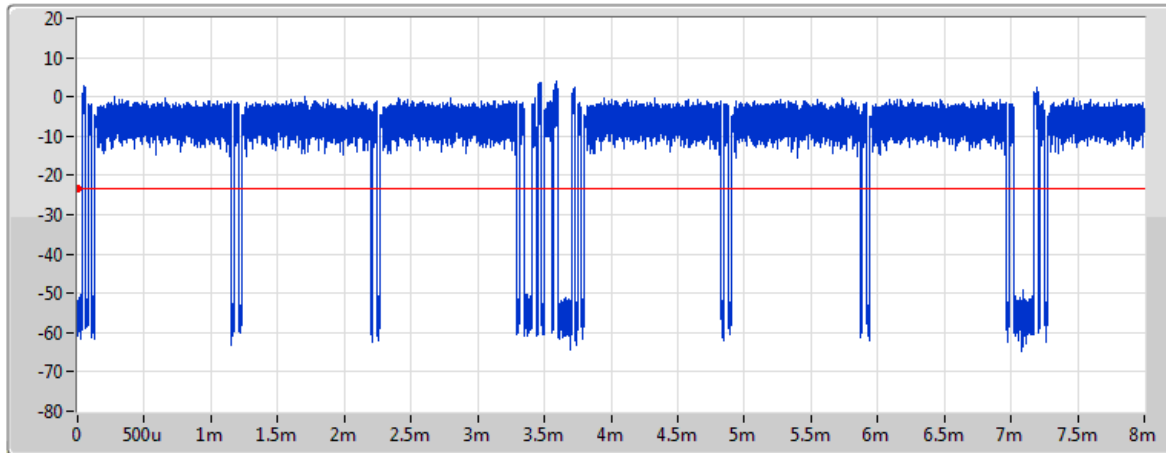
TX Burst Time(s)	Limit(s)
2.3155m	8m

802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

5190MHz_TnomVnom

11/01/2022



Port 1 

CF
5.19GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
1.0265ms

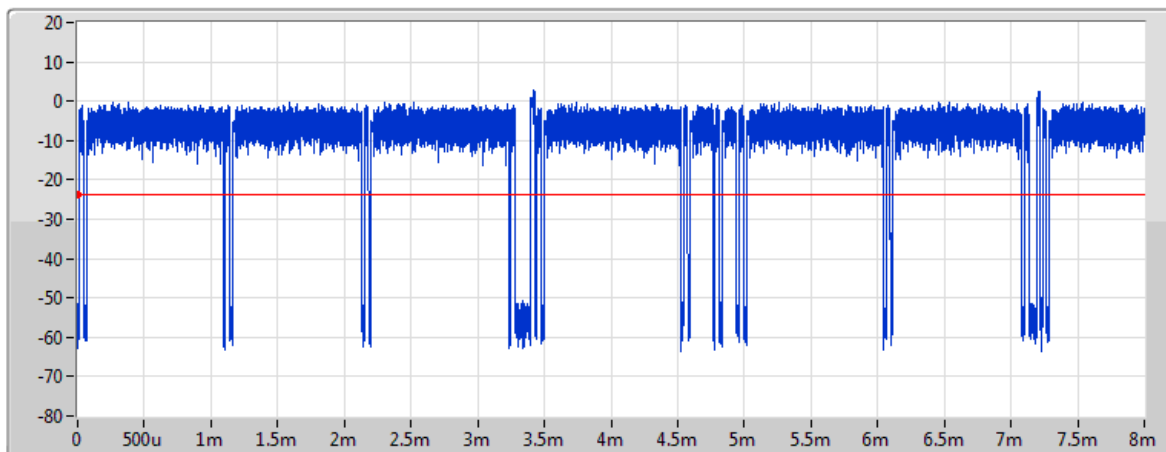
TX Burst Time(s)	Limit(s)
1.0265m	8m

802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

5230MHz_TnomVnom

11/01/2022



Port 1 

CF
5.23GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
1.0265ms

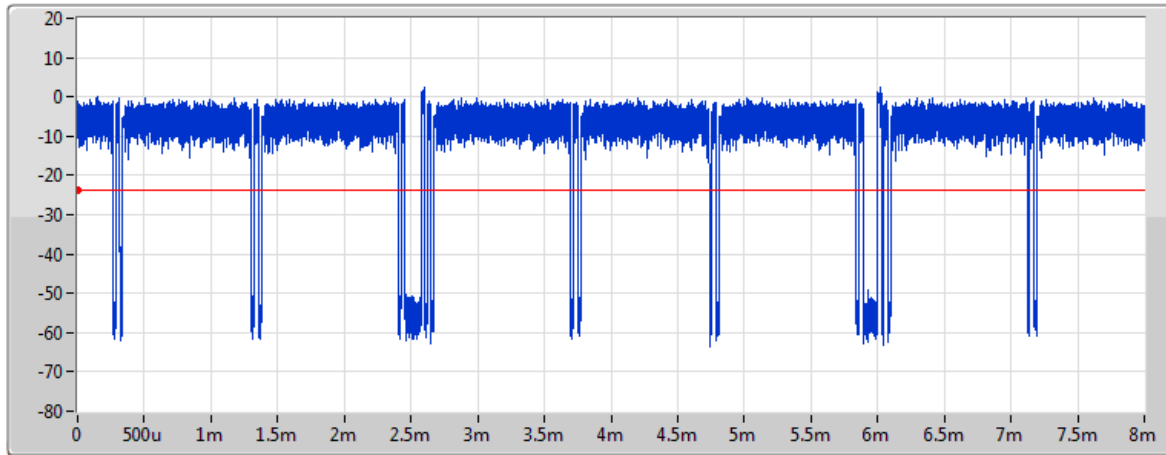
TX Burst Time(s)	Limit(s)
1.0265m	8m

802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

5270MHz_TnomVnom

11/01/2022



Port 1 

CF
5.19GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
1.0265ms

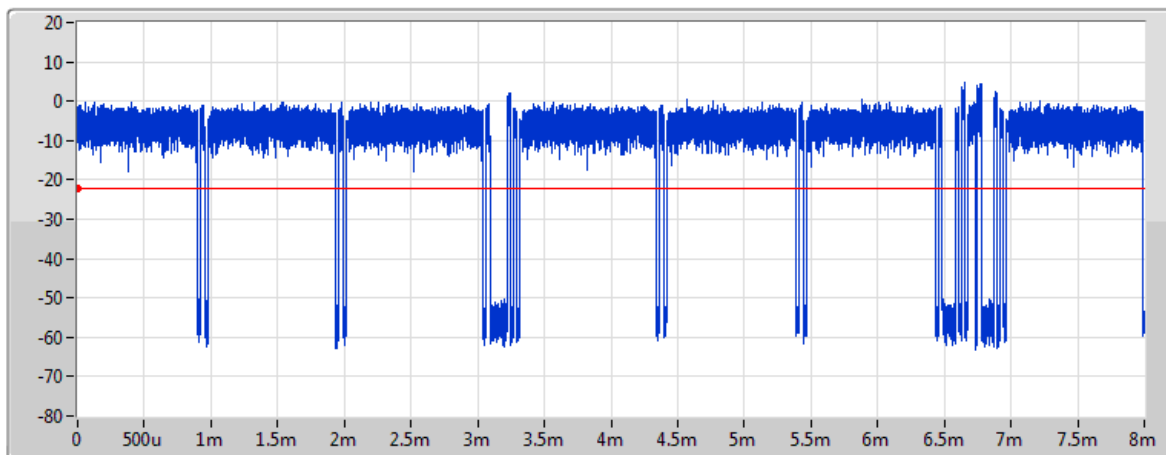
TX Burst Time(s)	Limit(s)
1.0265m	8m

802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

5310MHz_TnomVnom

11/01/2022



Port 1 

CF
5.19GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
1.02675ms

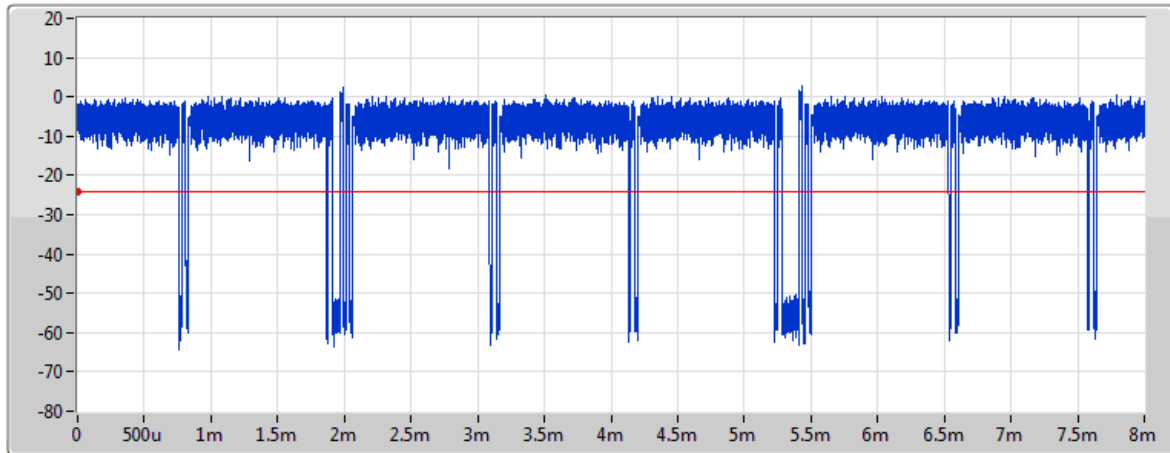
TX Burst Time(s)	Limit(s)
1.02675m	8m

802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

5510MHz_TnomVnom

11/01/2022



Port 1 

CF
5.19GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
1.02675ms

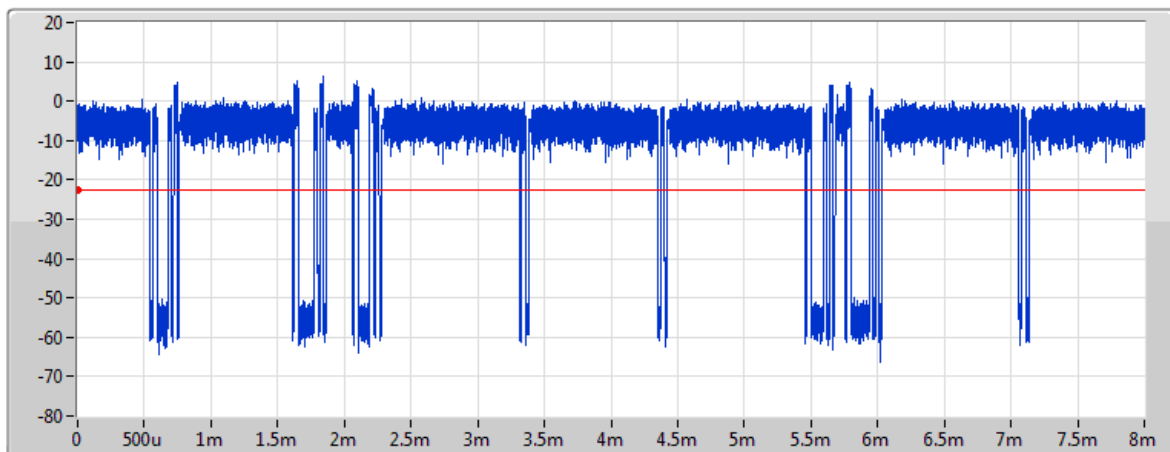
TX Burst Time(s)	Limit(s)
1.02675m	8m

802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

5590MHz_TnomVnom

11/01/2022



Port 1 

CF
5.19GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
1.02675ms

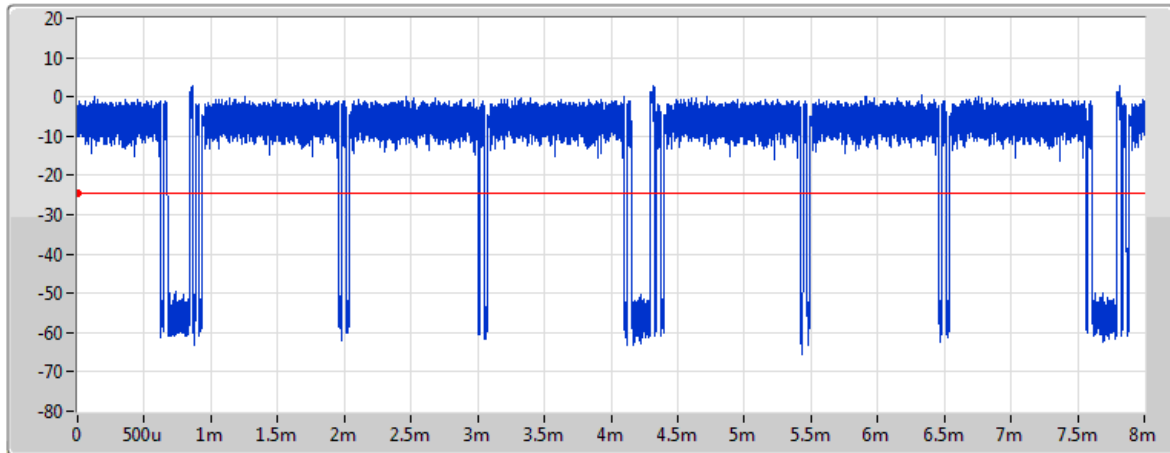
TX Burst Time(s)	Limit(s)
1.02675m	8m

802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

5670MHz_TnomVnom

11/01/2022



Port 1 

CF
5.19GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
1.02675ms

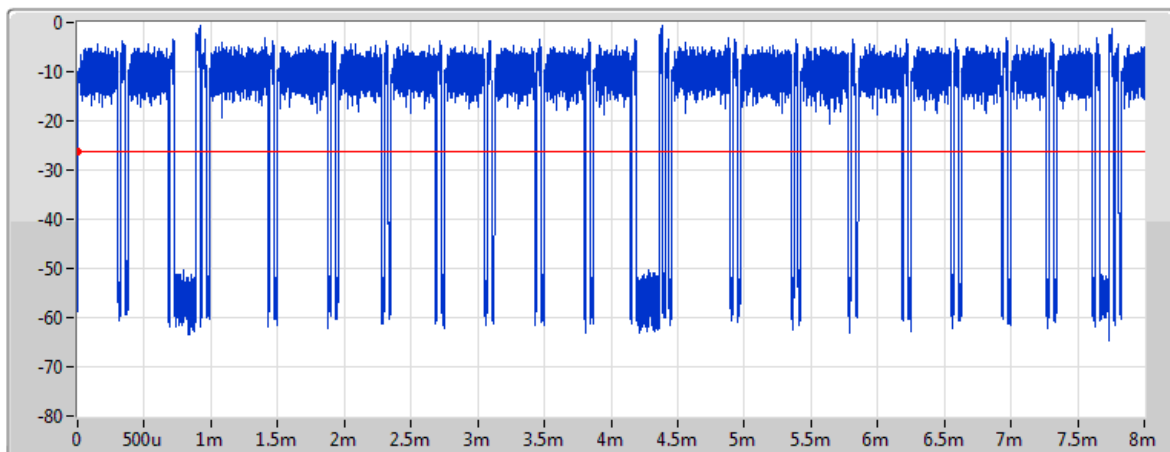
TX Burst Time(s)	Limit(s)
1.02675m	8m

802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

5210MHz_TnomVnom

11/01/2022



Port 1 

CF
5.21GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
440us

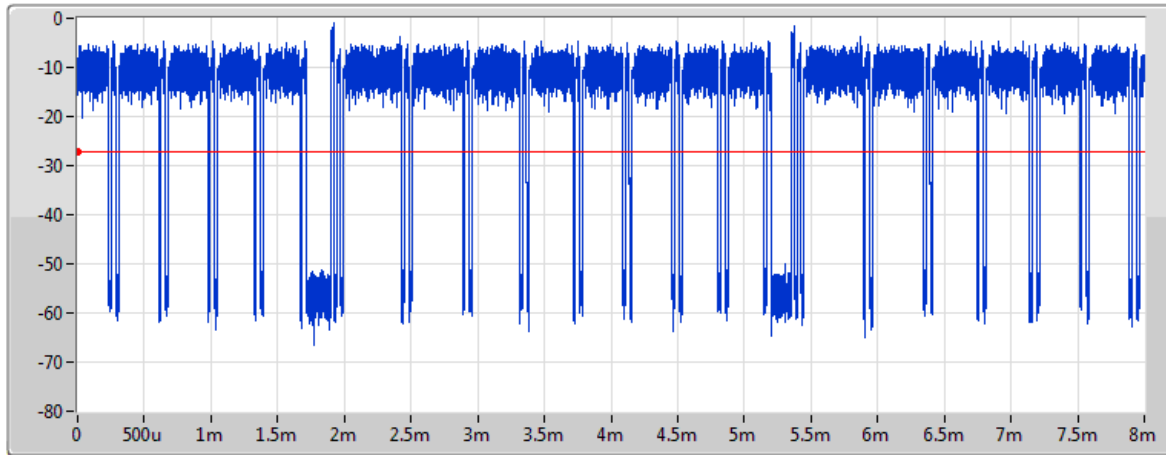
TX Burst Time(s)	Limit(s)
440u	8m

802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

5290MHz_TnomVnom

11/01/2022



Port 1 

CF
5.29GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
440us

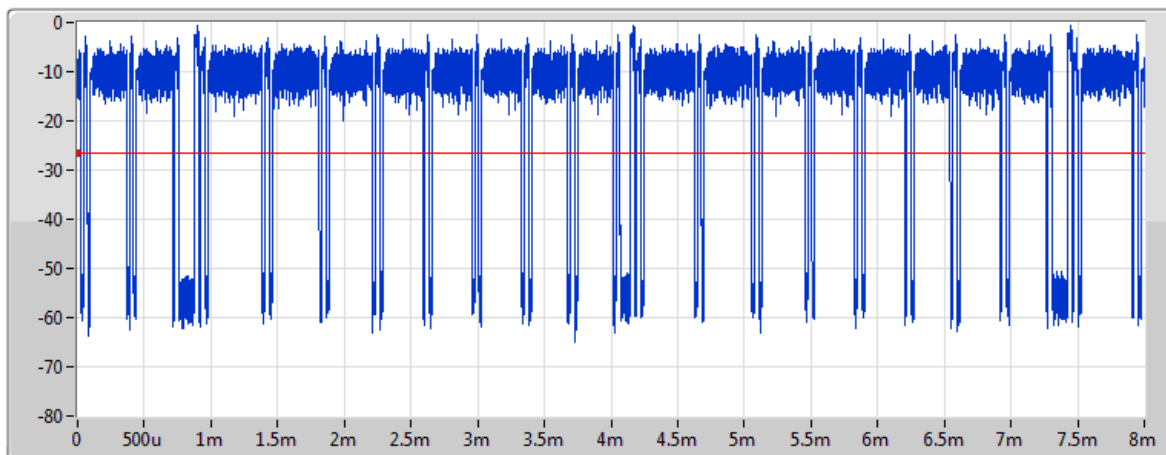
TX Burst Time(s)	Limit(s)
440u	8m

802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

5530MHz_TnomVnom

11/01/2022



Port 1 

CF
5.21GHz

RBW
10MHz

VBW
10MHz

Sweep Time
8ms

TX Time
411.25us

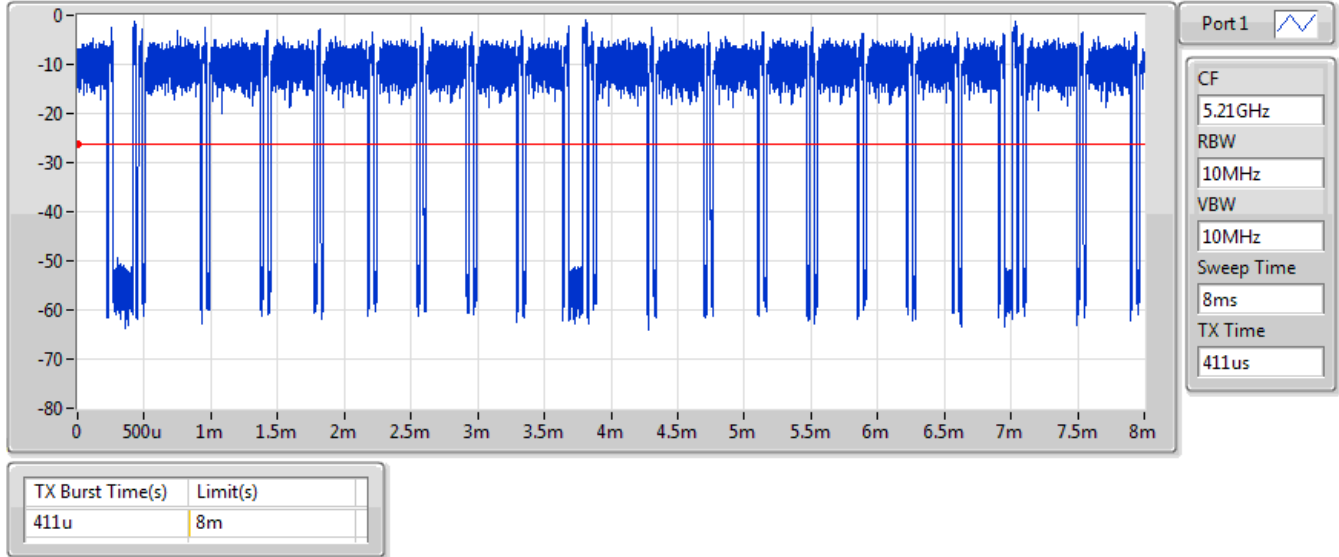
TX Burst Time(s)	Limit(s)
411.25u	8m

802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

5610MHz_TnomVnom

11/01/2022



Summary

Mode	Result	Interference Pin (dBm)	Function
5.15-5.25GHz	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	-48.10	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	-48.10	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-48.08	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-48.05	Good
5.25-5.35GHz	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	-48.23	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	-48.23	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-48.21	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-48.18	Good
5.47-5.73GHz	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	-48.83	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	-48.83	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-48.78	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-48.69	Good

Result

Mode	Result	Interference Pin (dBm)	Function
802.11a_Nss1,(6Mbps)_1TX	-	-	-
5180MHz_TnomVnom	Pass	-48.00	Good
5240MHz_TnomVnom	Pass	-48.10	Good
5260MHz_TnomVnom	Pass	-48.13	Good
5320MHz_TnomVnom	Pass	-48.23	Good
5500MHz_TnomVnom	Pass	-48.52	Good
5600MHz_TnomVnom	Pass	-48.67	Good
5700MHz_TnomVnom	Pass	-48.83	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	-48.00	Good
5240MHz_TnomVnom	Pass	-48.10	Good
5260MHz_TnomVnom	Pass	-48.13	Good
5320MHz_TnomVnom	Pass	-48.23	Good
5500MHz_TnomVnom	Pass	-48.52	Good
5600MHz_TnomVnom	Pass	-48.67	Good
5700MHz_TnomVnom	Pass	-48.83	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	-48.01	Good
5230MHz_TnomVnom	Pass	-48.08	Good
5270MHz_TnomVnom	Pass	-48.15	Good
5310MHz_TnomVnom	Pass	-48.21	Good
5510MHz_TnomVnom	Pass	-48.53	Good
5590MHz_TnomVnom	Pass	-48.66	Good
5670MHz_TnomVnom	Pass	-48.78	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-
5210MHz_TnomVnom	Pass	-48.05	Good
5290MHz_TnomVnom	Pass	-48.18	Good
5530MHz_TnomVnom	Pass	-48.56	Good
5610MHz_TnomVnom	Pass	-48.69	Good

Summary

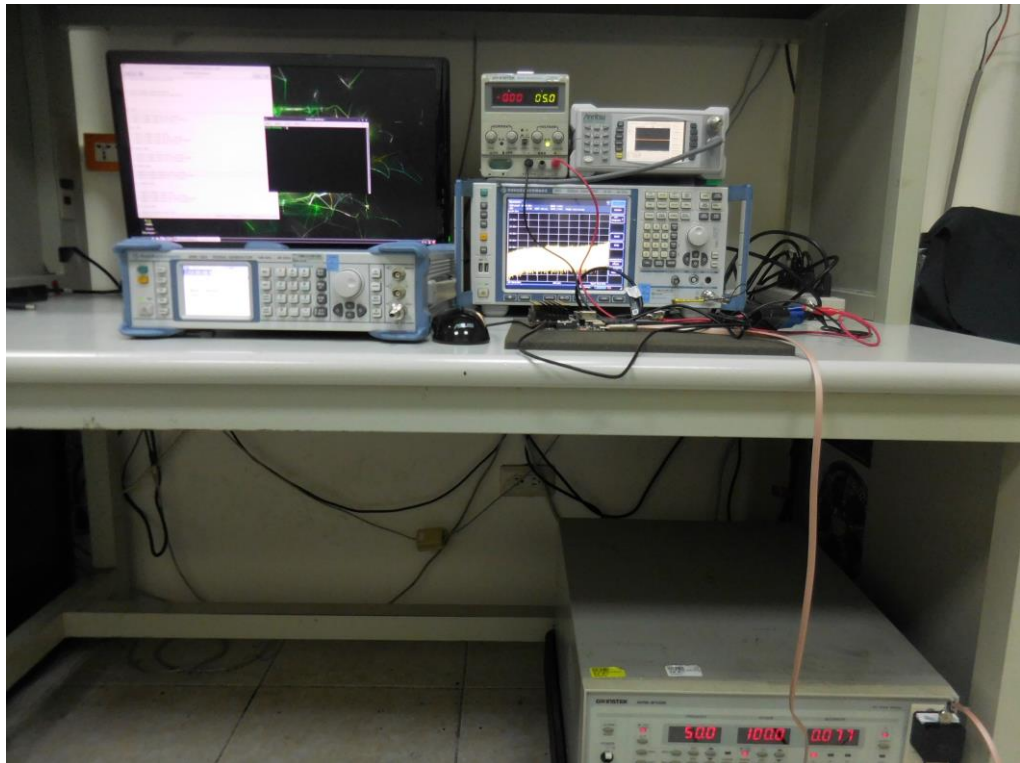
Mode	Result	Function
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	Good
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	Good
5.47-5.73GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	Good

Result

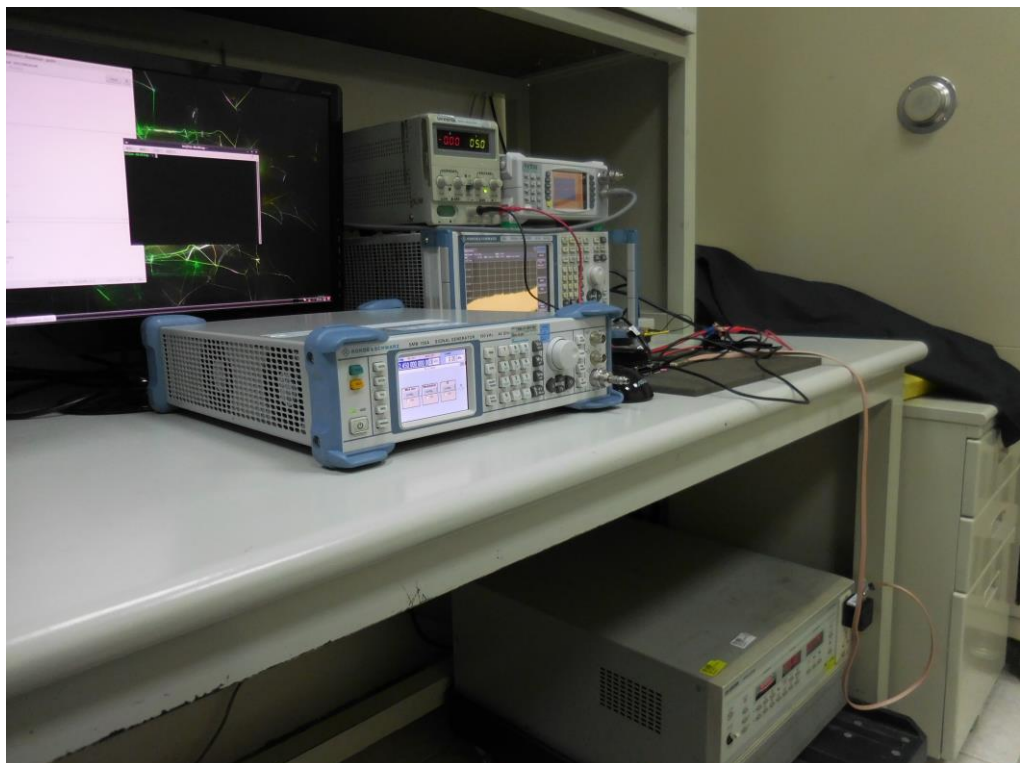
Mode	Result	Function
802.11a_Nss1,(6Mbps)_1TX	-	-
5180MHz_TnomVnom	Pass	Good
5240MHz_TnomVnom	Pass	Good
5260MHz_TnomVnom	Pass	Good
5320MHz_TnomVnom	Pass	Good
5500MHz_TnomVnom	Pass	Good
5600MHz_TnomVnom	Pass	Good
5700MHz_TnomVnom	Pass	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5180MHz_TnomVnom	Pass	Good
5240MHz_TnomVnom	Pass	Good
5260MHz_TnomVnom	Pass	Good
5320MHz_TnomVnom	Pass	Good
5500MHz_TnomVnom	Pass	Good
5600MHz_TnomVnom	Pass	Good
5700MHz_TnomVnom	Pass	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5190MHz_TnomVnom	Pass	Good
5230MHz_TnomVnom	Pass	Good
5270MHz_TnomVnom	Pass	Good
5310MHz_TnomVnom	Pass	Good
5510MHz_TnomVnom	Pass	Good
5590MHz_TnomVnom	Pass	Good
5670MHz_TnomVnom	Pass	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5210MHz_TnomVnom	Pass	Good
5290MHz_TnomVnom	Pass	Good
5530MHz_TnomVnom	Pass	Good
5610MHz_TnomVnom	Pass	Good

1 Photographs of Test Configuration

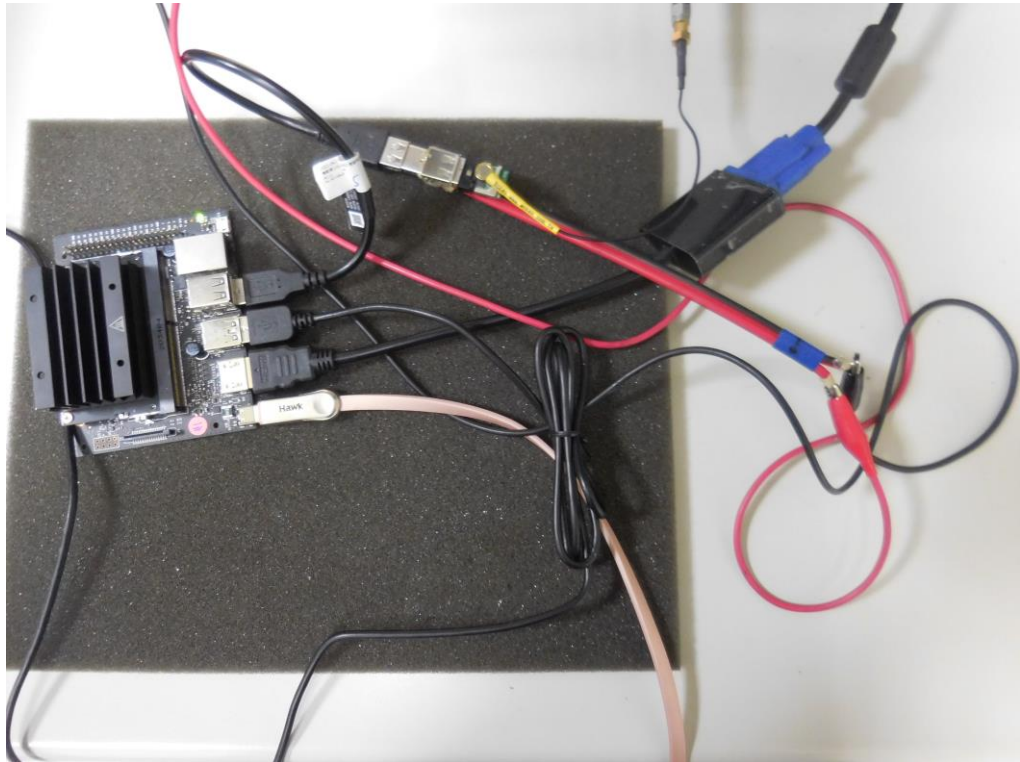
Front View



Near View



EUT close-up photo



————THE END————