

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Modulation: 802.11ac VHT40 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	DC (%)
[5150, 5850]	1	5190.00000	87.16
		5230.00000	87.16
		5755.00000	87.17
		5795.00000	87.17

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Modulation: 802.11ac VHT80 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	DC (%)
[5150, 5850]	1	5210.00000	77.27
		5775.00000	77.31

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5210.00000 Modulation = 802.11ac VHT80 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5775.00000 Modulation = 802.11ac VHT80 (OFDM MCS0)

Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RSS-Gen 6.6 / RSS-247 6.2 [99dBW] Transmitter 99% Occupied Bandwidth

Limits

CANADA RSS-247 Issue 4 (July 2025):

2.4 RSS-Gen compliance

Equipment being certified under this standard shall also comply with the general requirements set out in Radio Standards Specification RSS-Gen, General Requirements for Compliance of Radio Apparatus. Where contradictions exist between this standard and RSS-Gen, this standard shall take precedence.

CANADA RSS-Gen Issue 5 (April 2018)/A1 (March 2019)/A2 (Feb 2021):

6.7 Occupied bandwidth (or 99% emission bandwidth) and x dB bandwidth

The occupied bandwidth or the “99% emission bandwidth” is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1	5180.00000	18.000
		5200.00000	18.000
		5240.00000	18.100
		5745.00000	18.000
		5785.00000	18.000
		5825.00000	18.100

Verdict

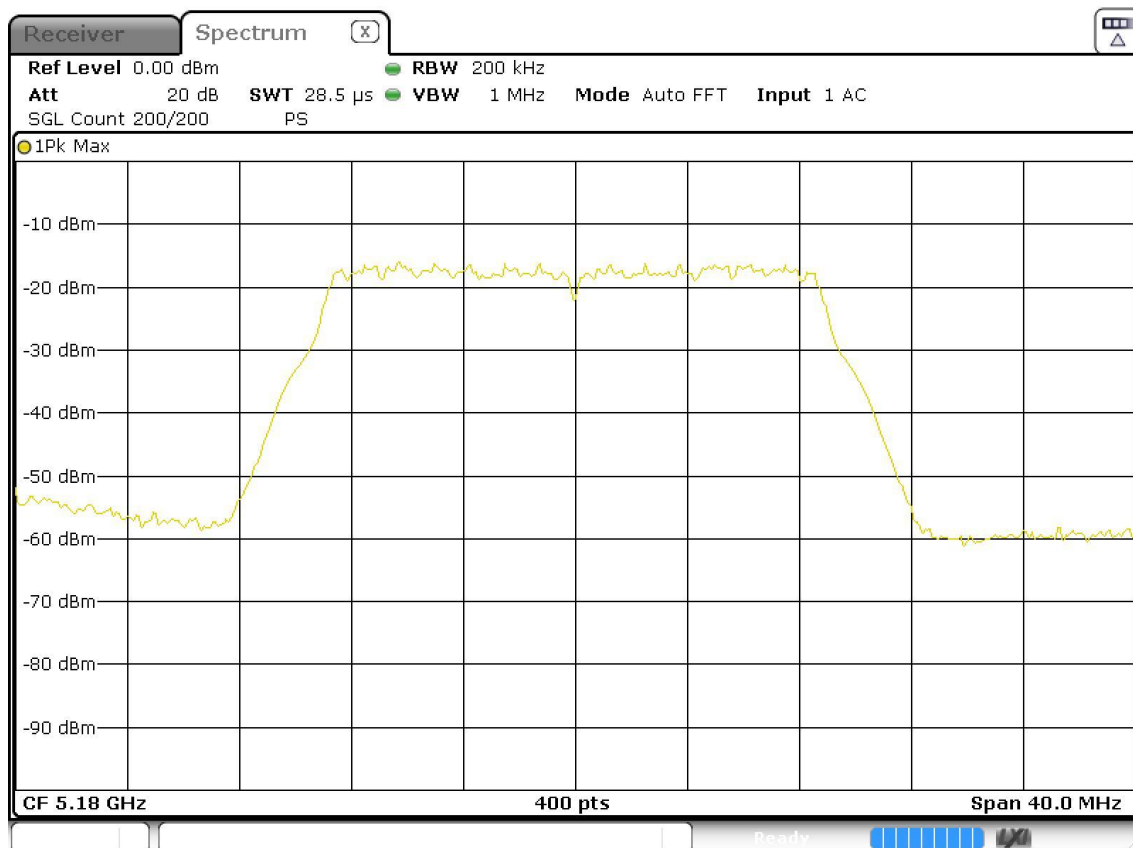
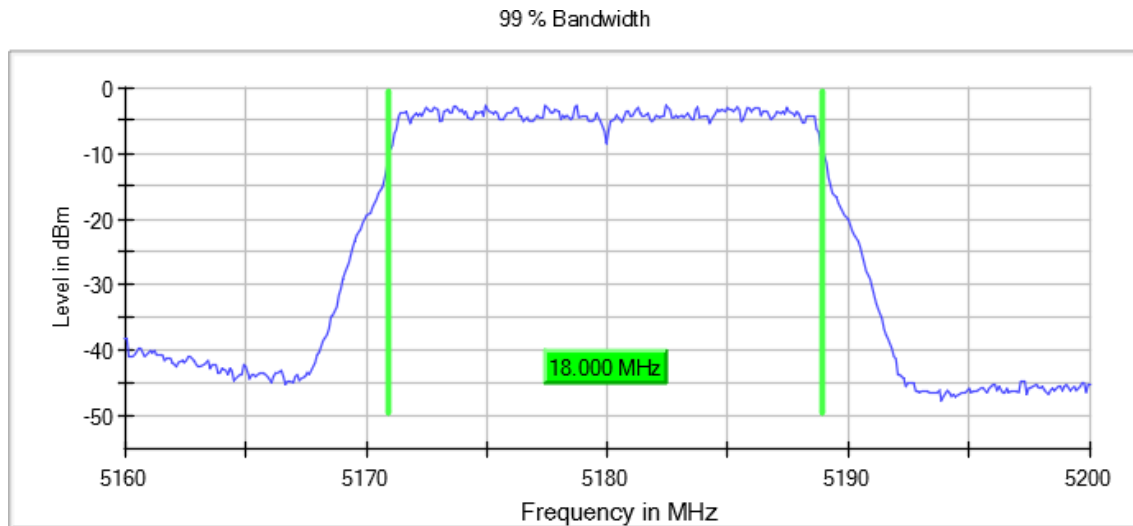
Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 6.APR.2026 22:50:37

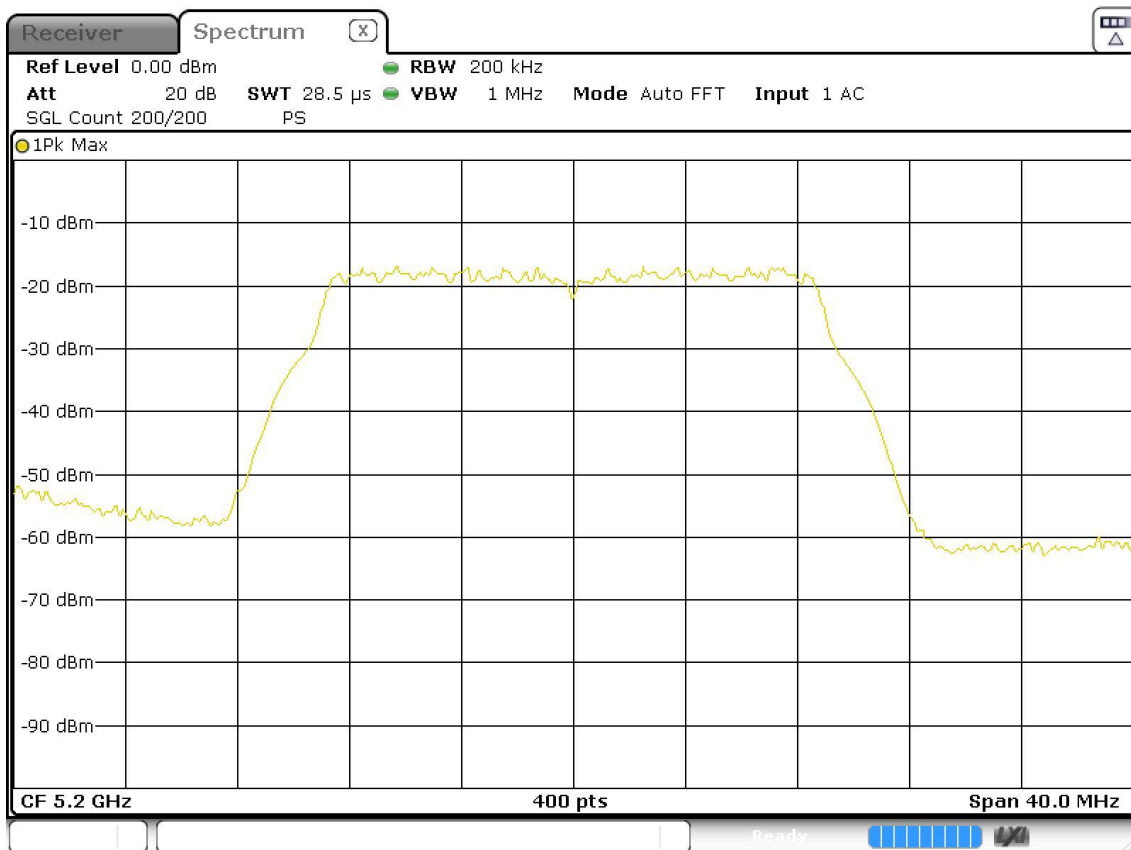
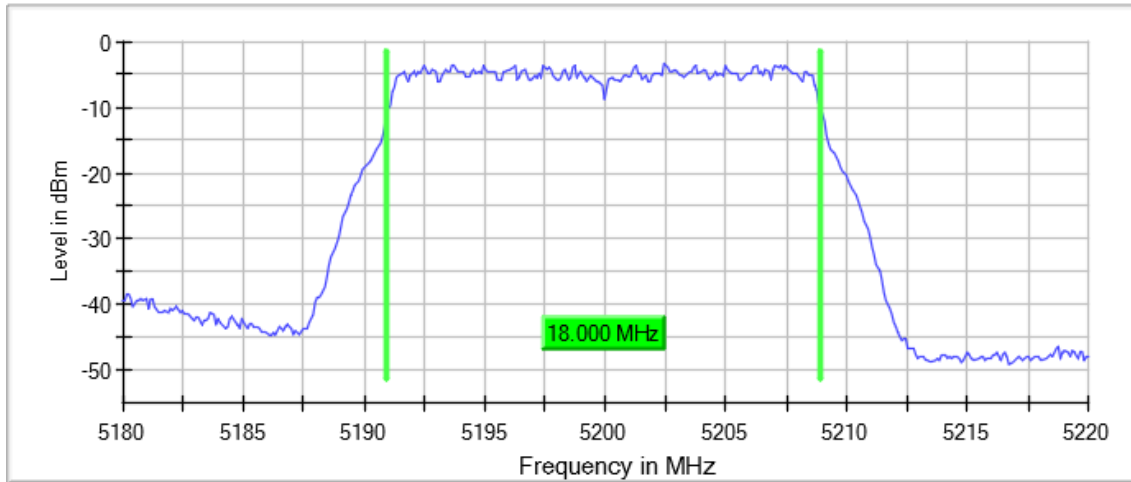
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 6.APR.2026 23:05:48

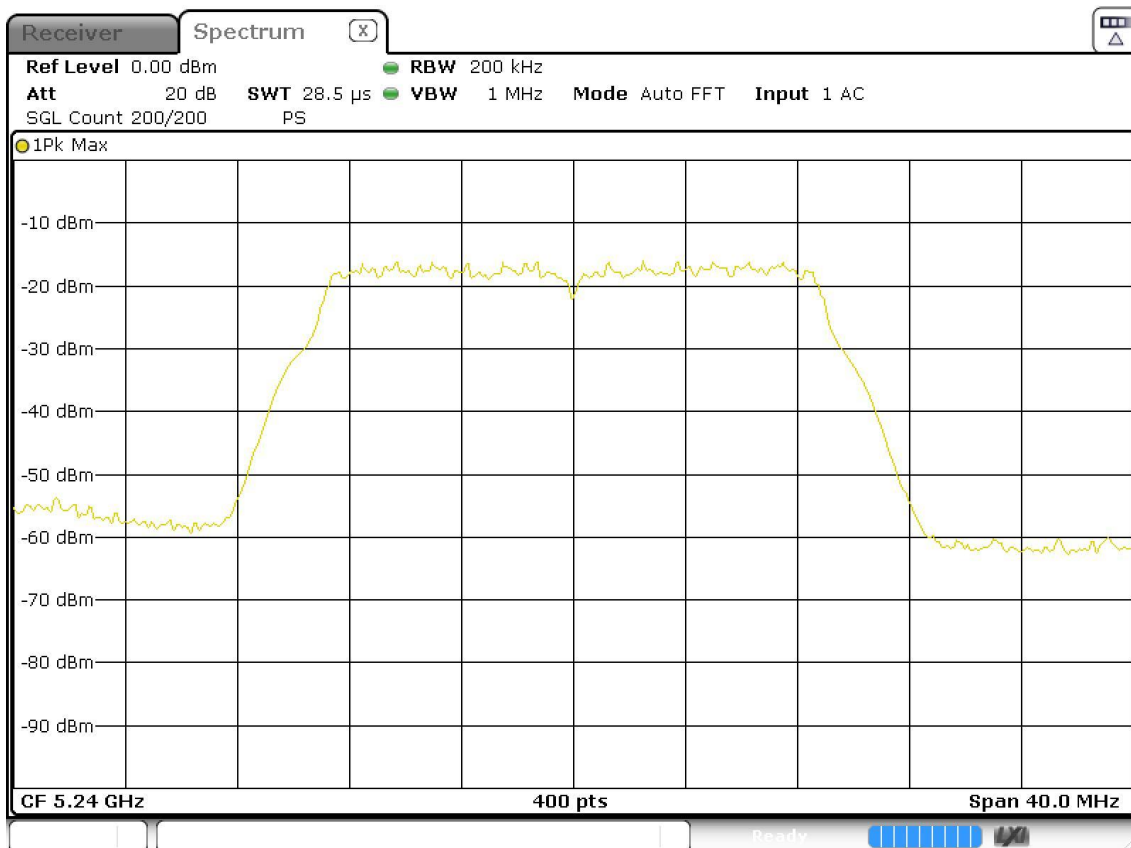
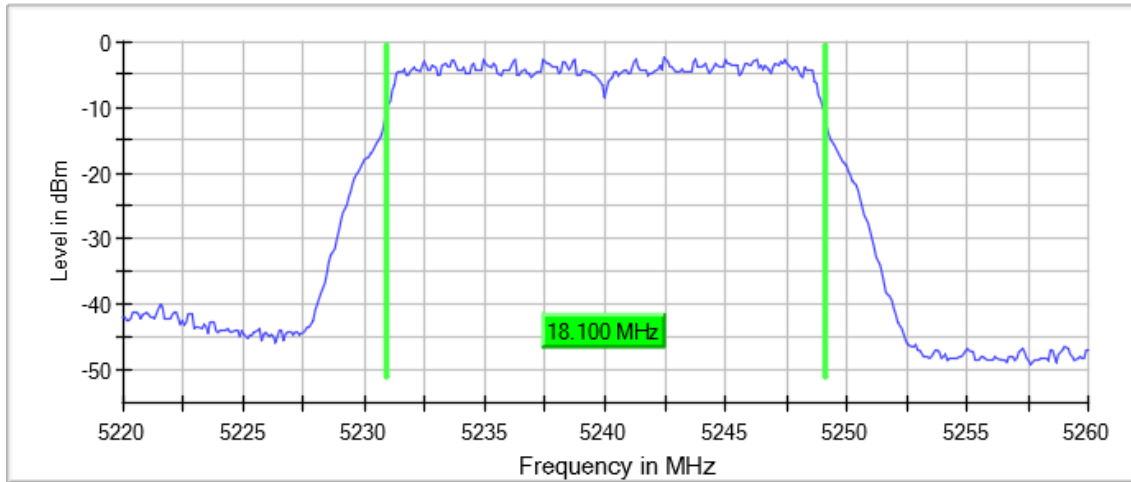
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 6.APR.2026 23:14:39

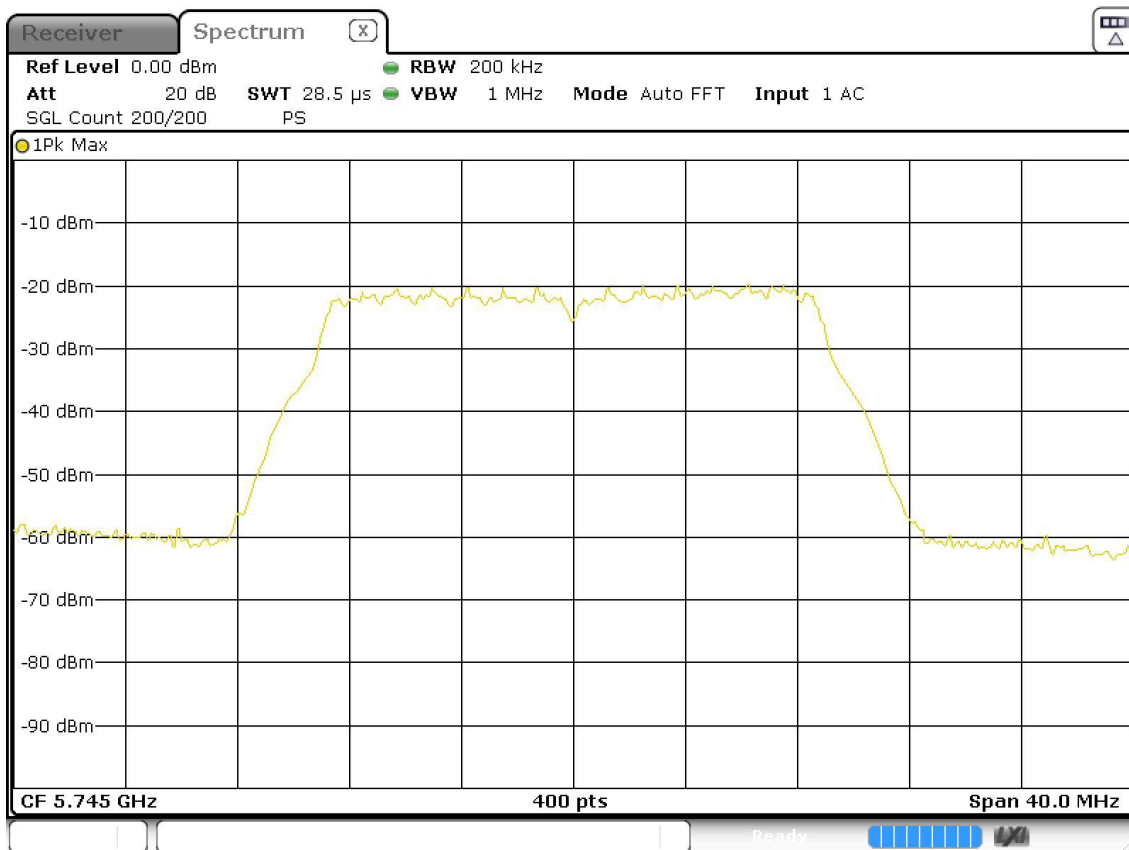
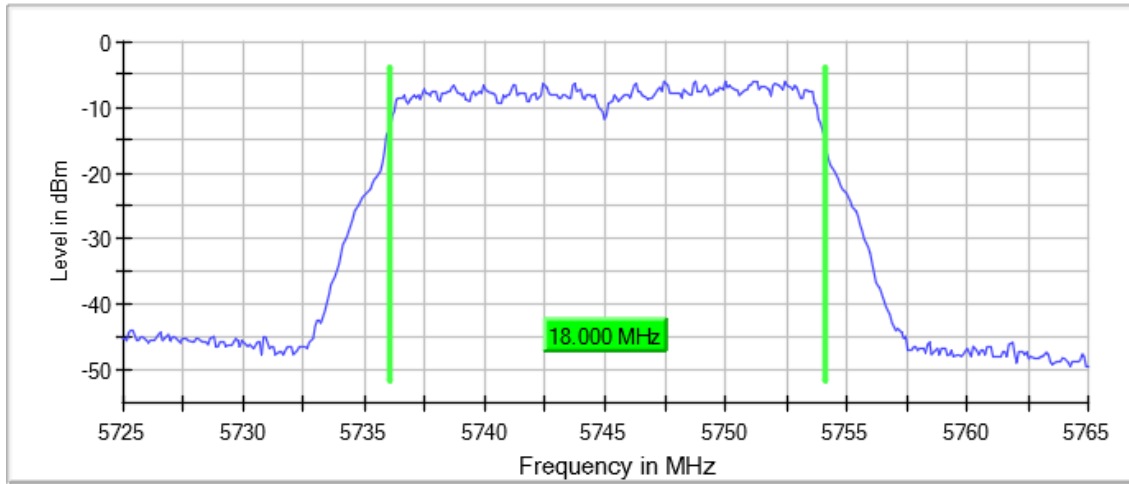
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 6.APR.2026 23:27:46

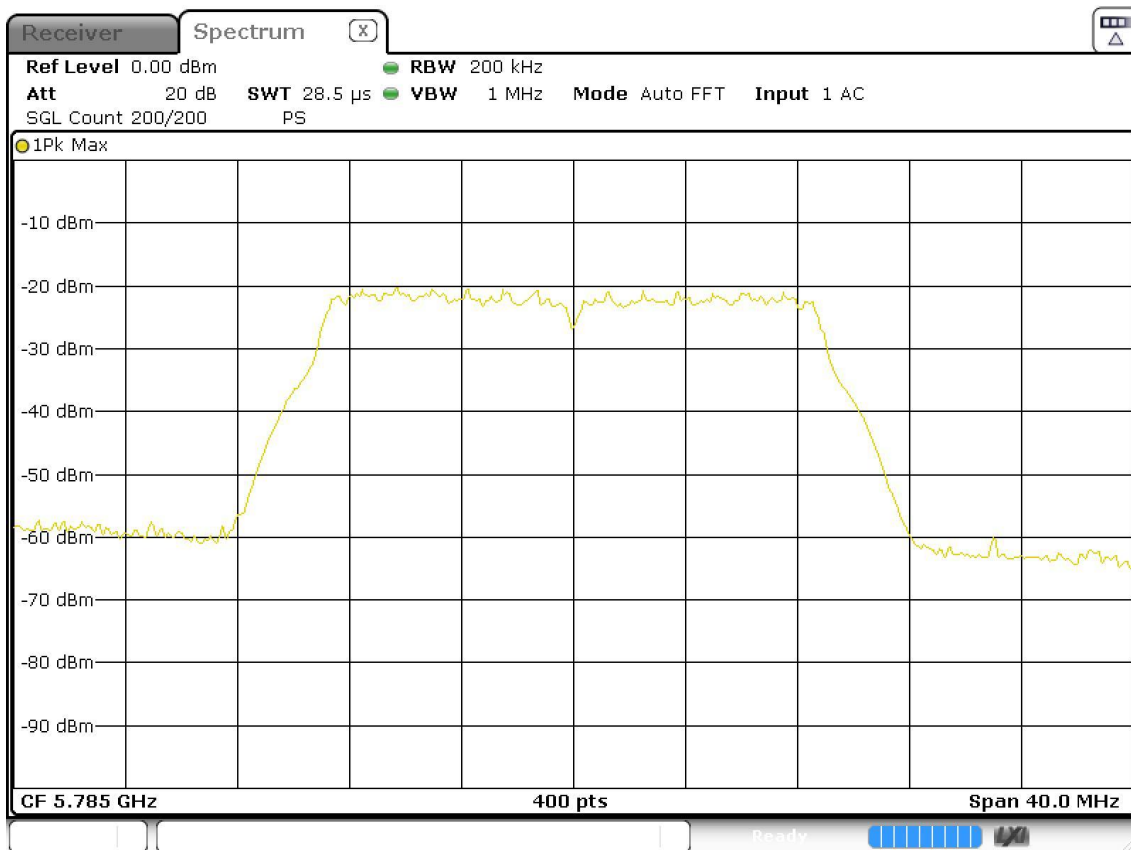
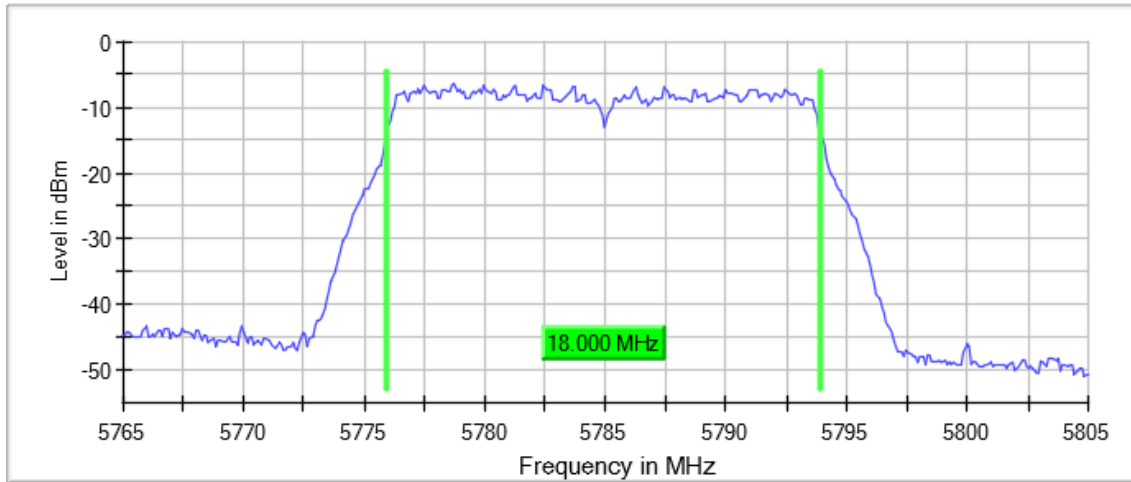
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 6.APR.2026 23:41:19

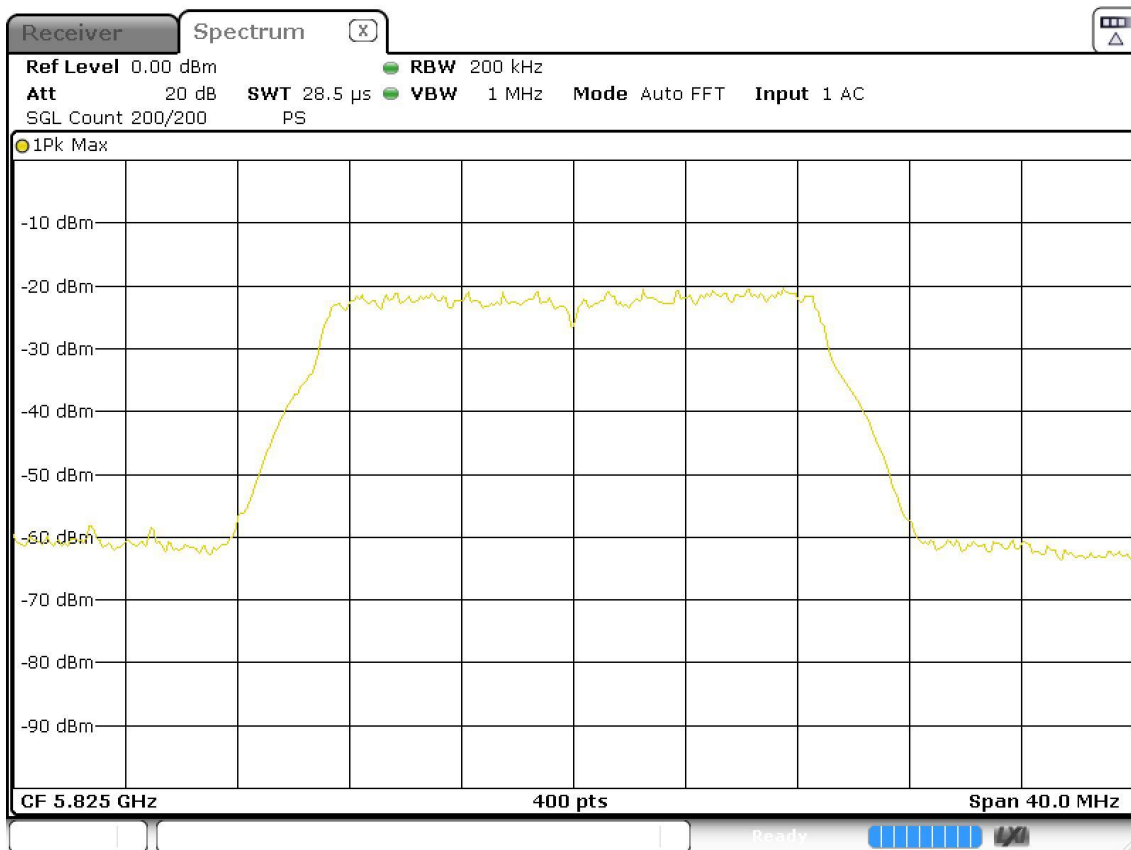
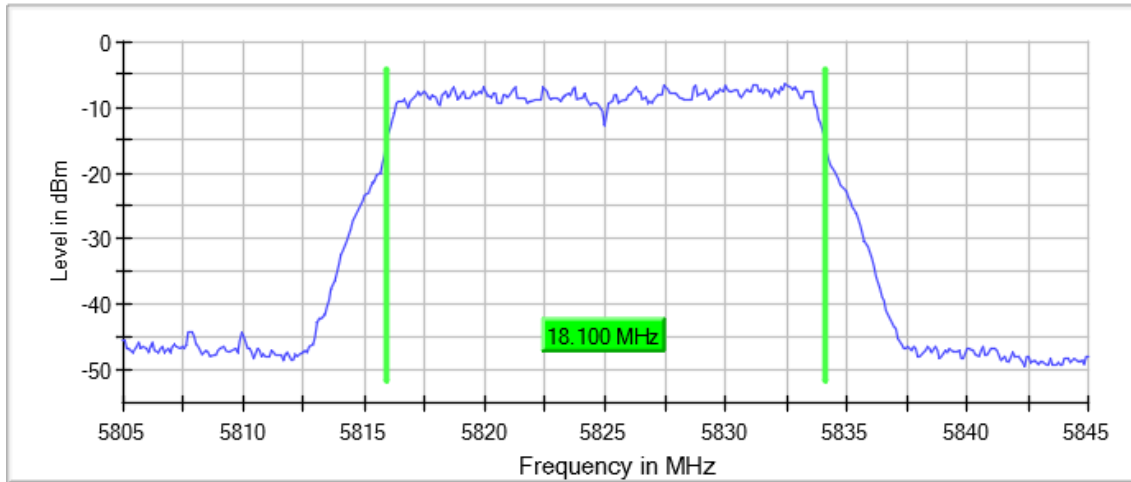
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 7.APR.2026 10:39:45

Modulation: 802.11n HT40 (OFDM MCS0)
Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1	5190.00000	36.500
		5230.00000	36.750
		5755.00000	36.750
		5795.00000	36.750

Verdict

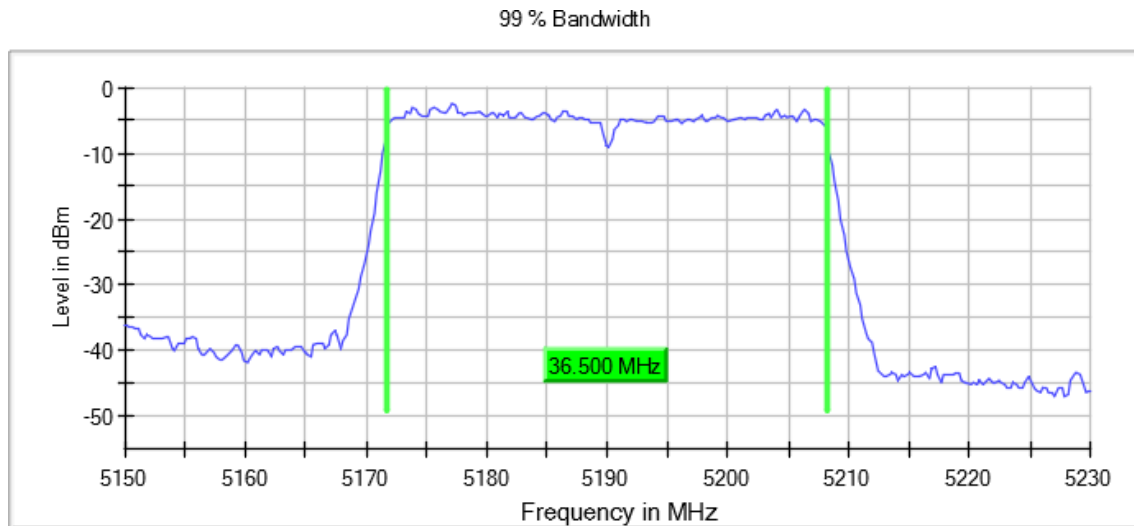
Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11n HT40 (OFDM MCS0)

Images:



Date: 7.APR.2026 19:20:51

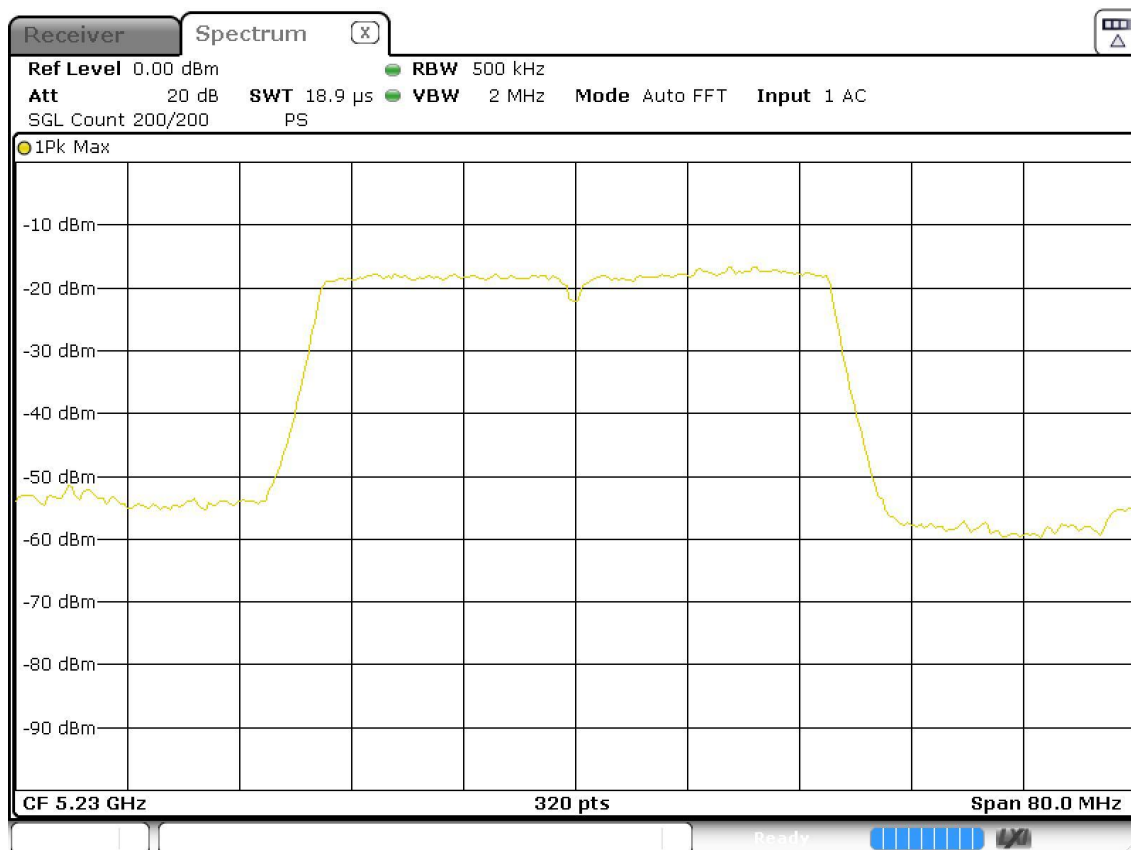
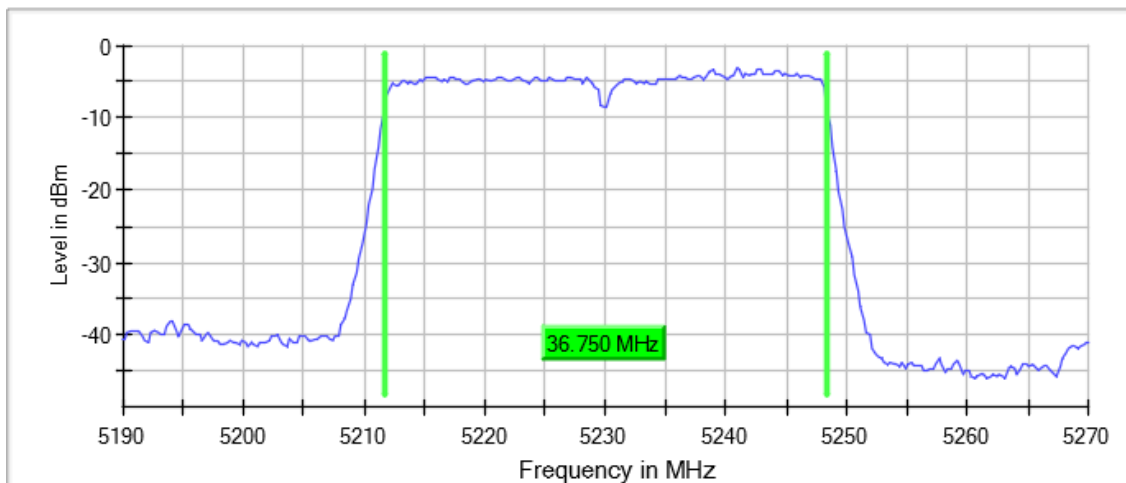
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000

Modulation = 802.11n HT40 (OFDM MCS0)

Images:

99 % Bandwidth



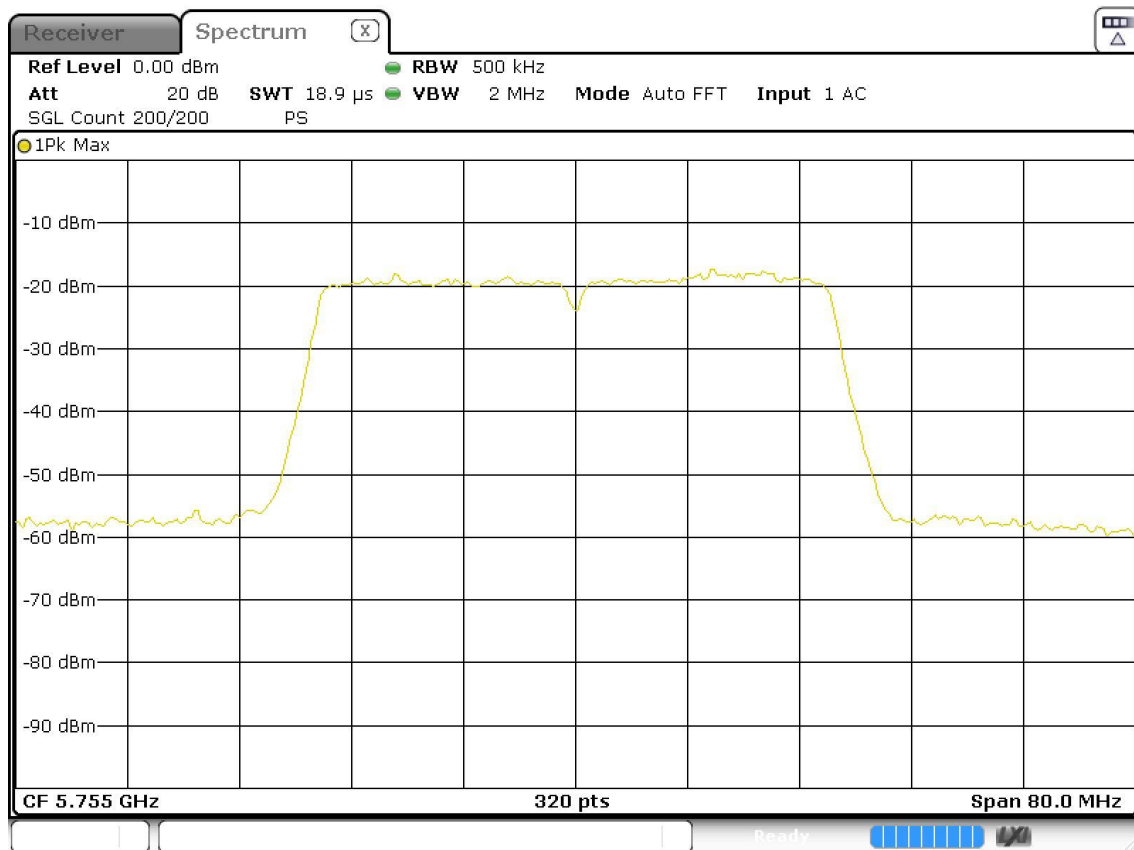
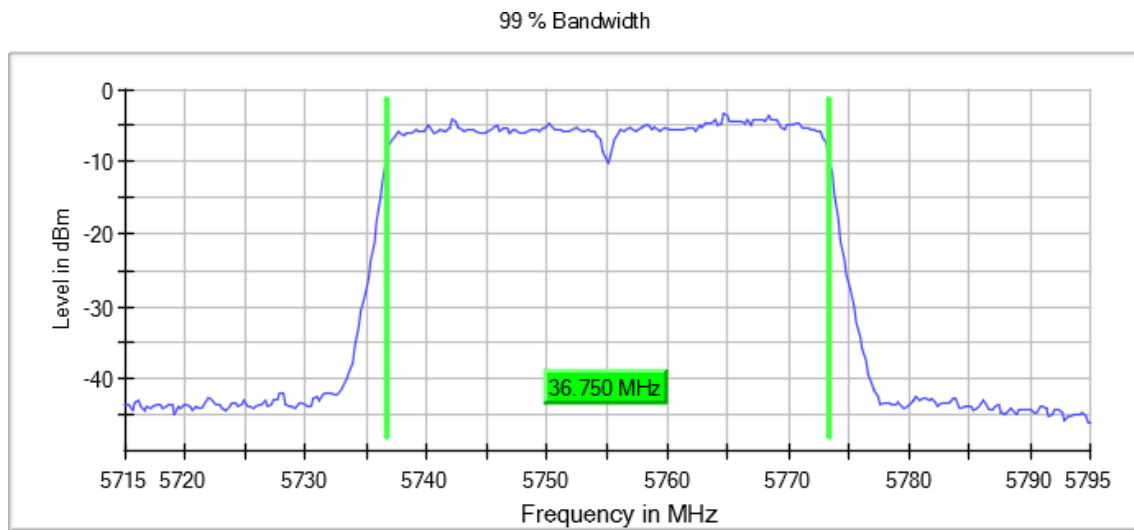
Date: 7.APR.2026 19:43:55

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000

Modulation = 802.11n HT40 (OFDM MCS0)

Images:



Date: 7.APR.2026 19:59:45

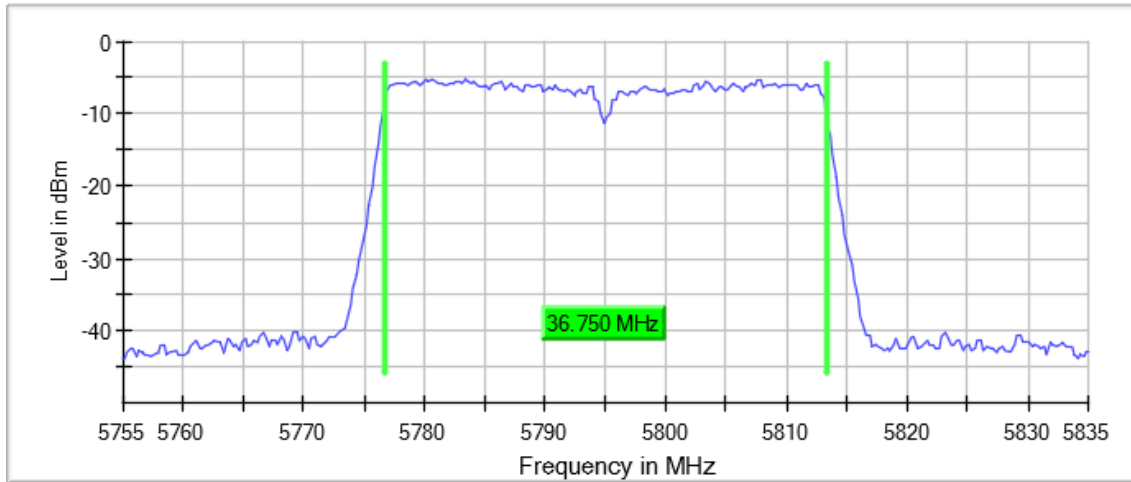
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000

Modulation = 802.11n HT40 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 7.APR.2026 20:17:01

Modulation: 802.11a (OFDM 6 Mbit/s)
Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1	5180.00000	16.800
		5200.00000	16.800
		5240.00000	16.900
		5745.00000	16.900
		5785.00000	16.900
		5825.00000	16.900

Verdict

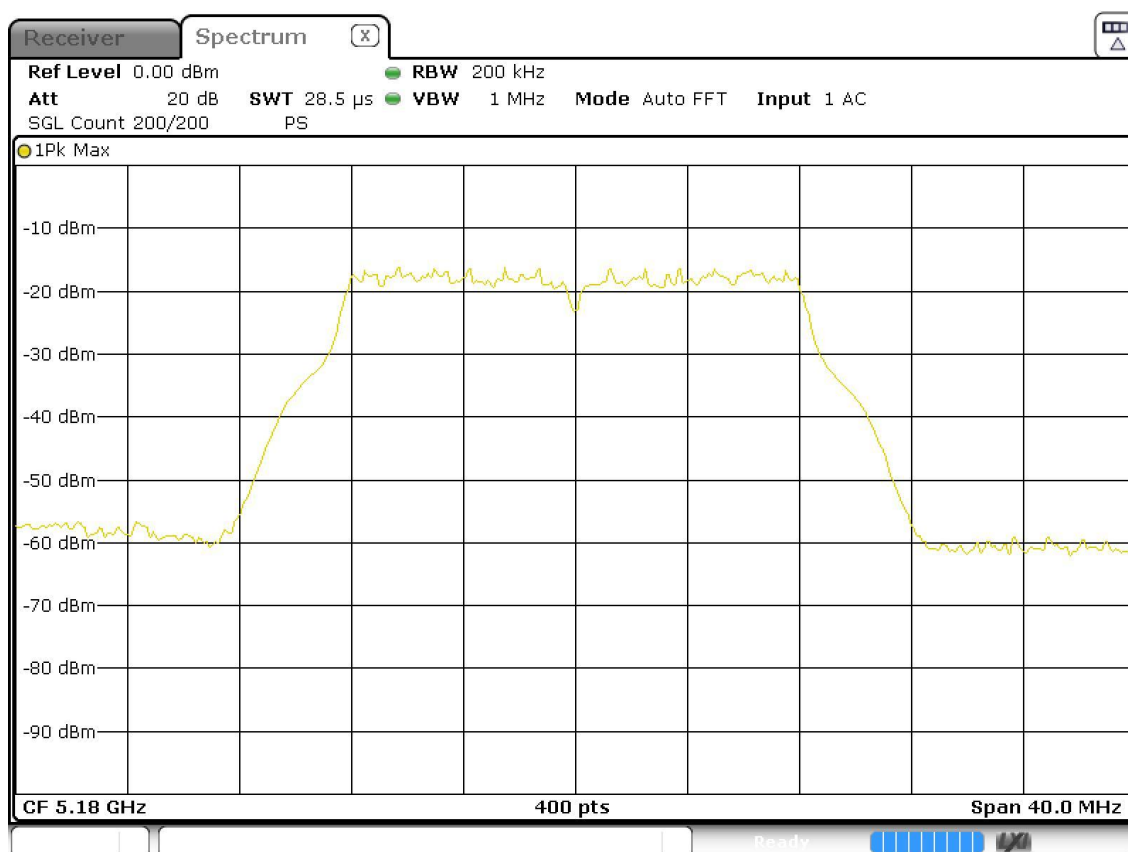
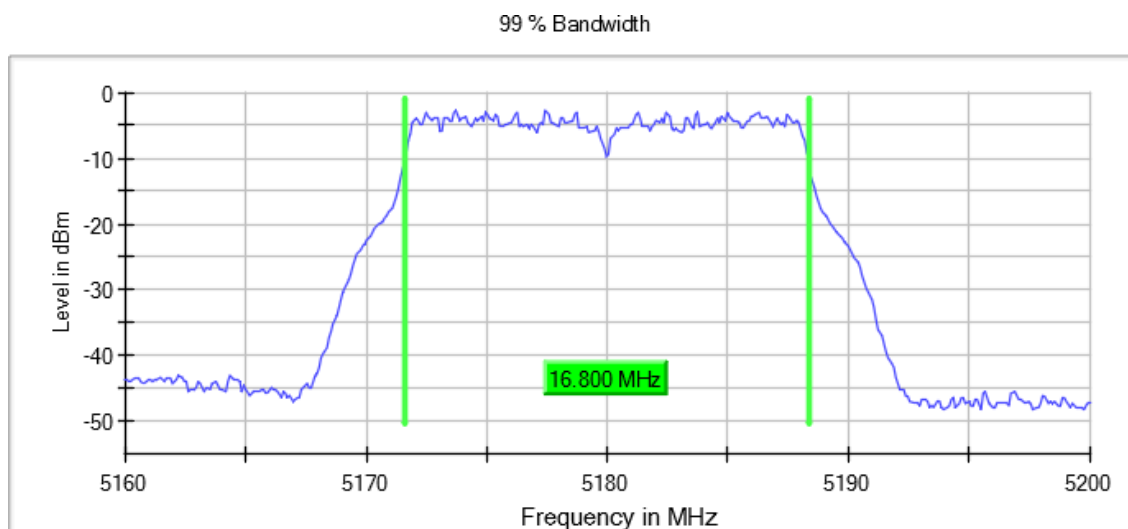
Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:

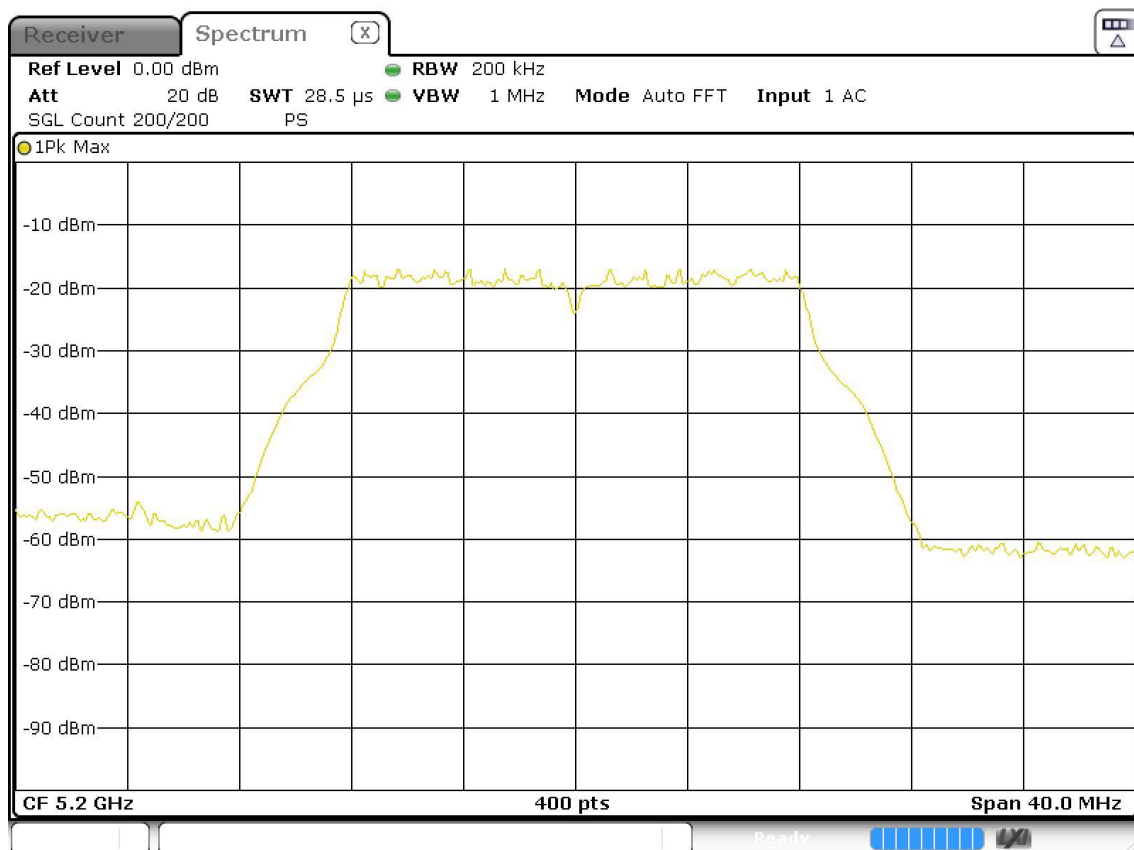
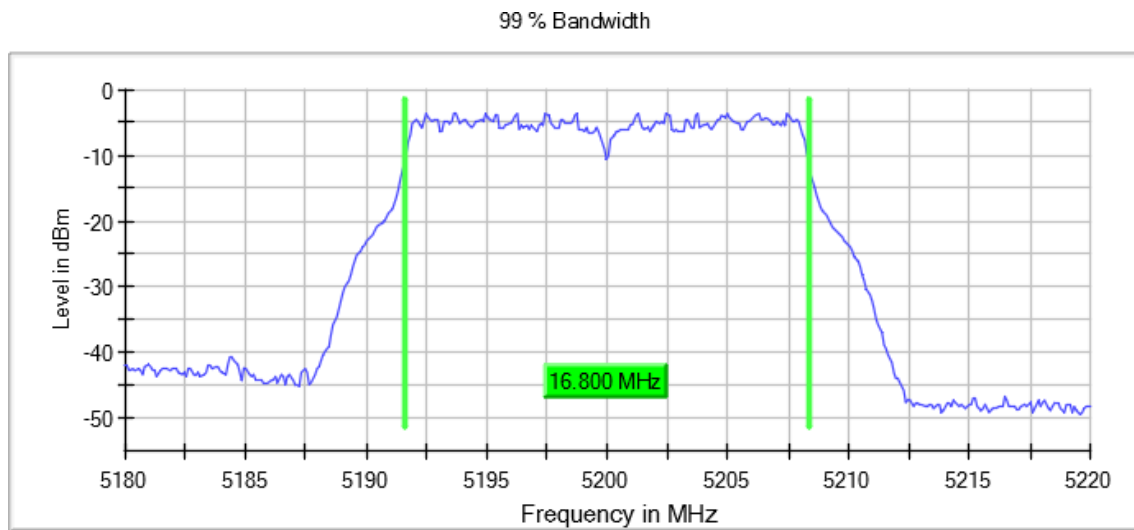


Date: 6.APR.2026 21:43:09

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:



Date: 6.APR.2026 21:56:42

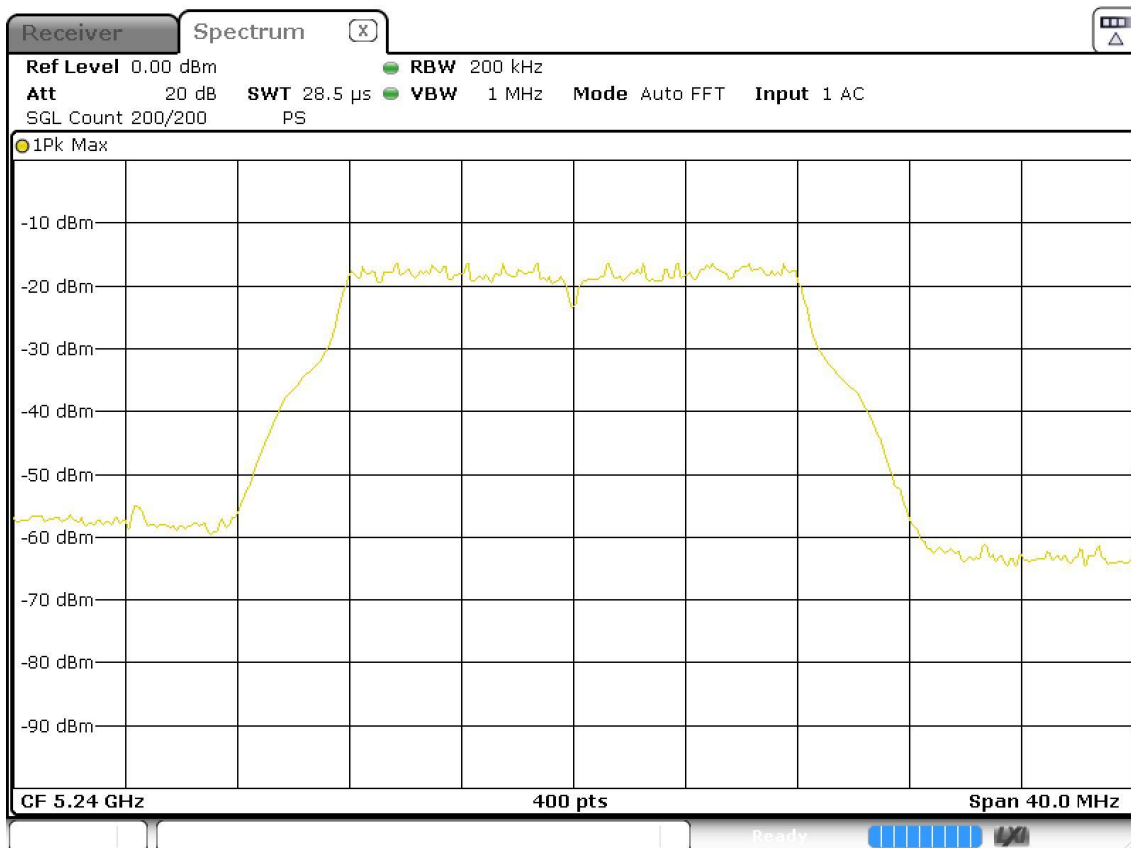
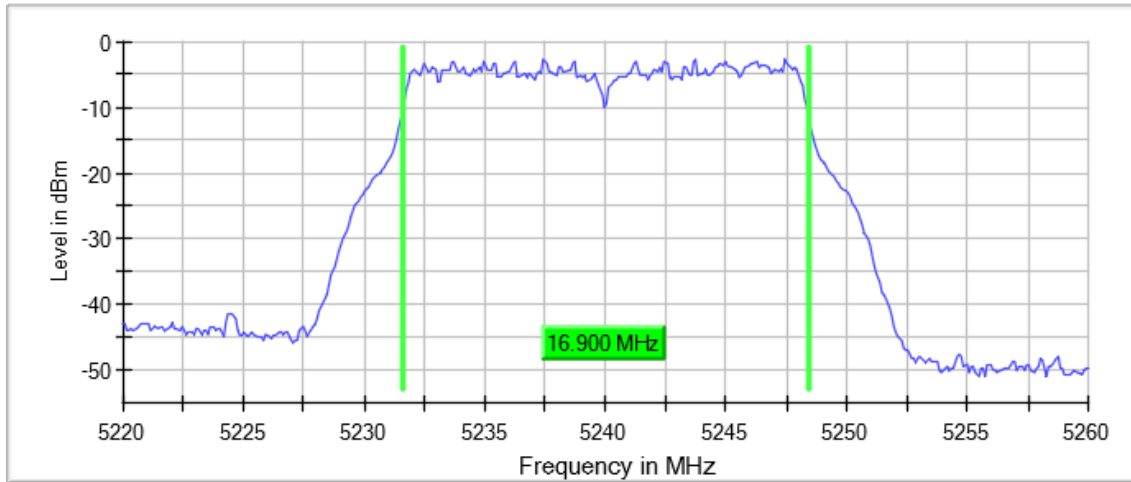
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

Images:

99 % Bandwidth

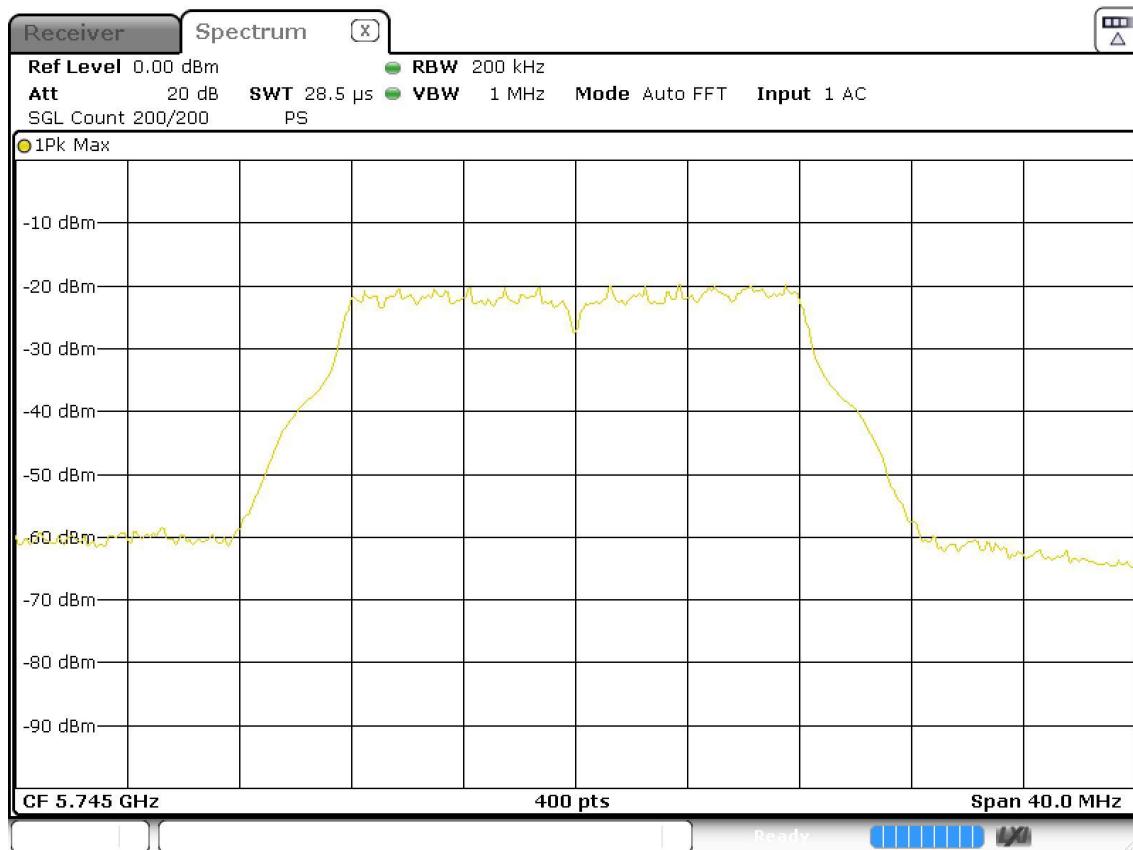
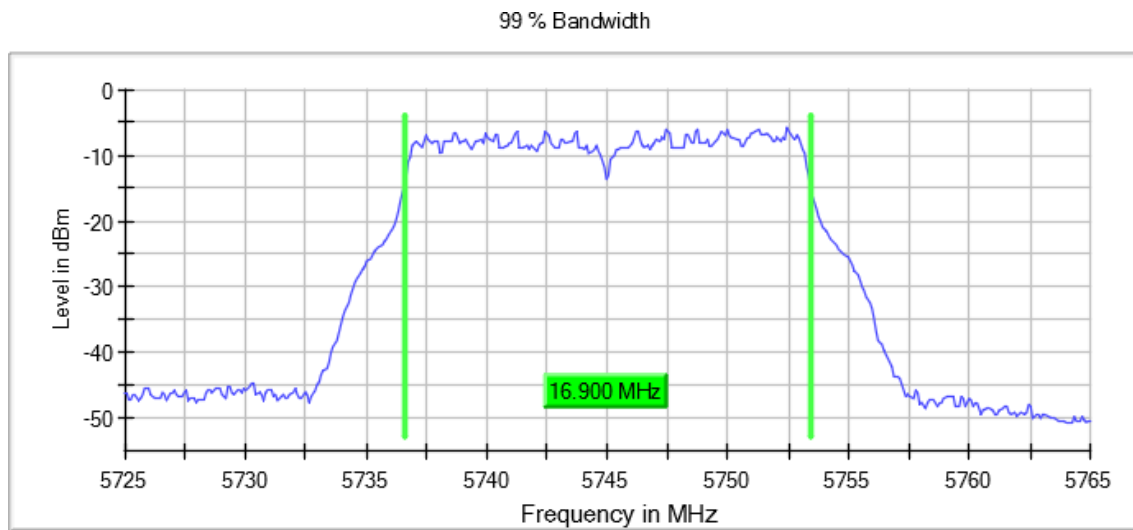


Date: 6.APR.2026 22:02:32

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:



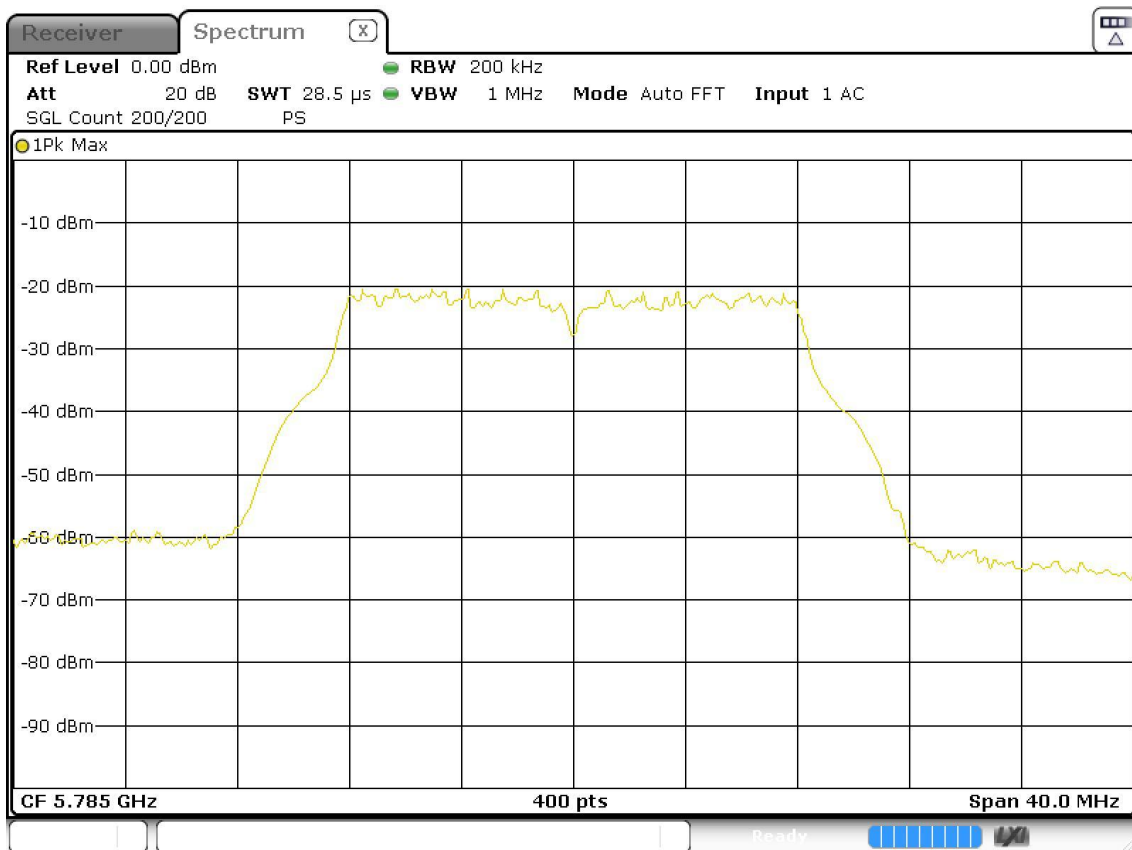
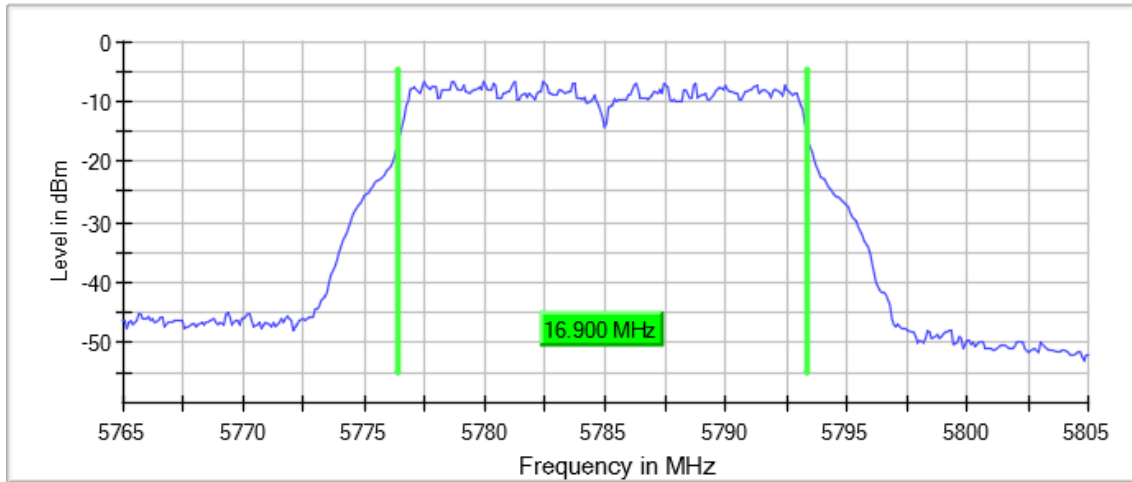
Date: 6.APR.2026 22:10:17

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:

99 % Bandwidth

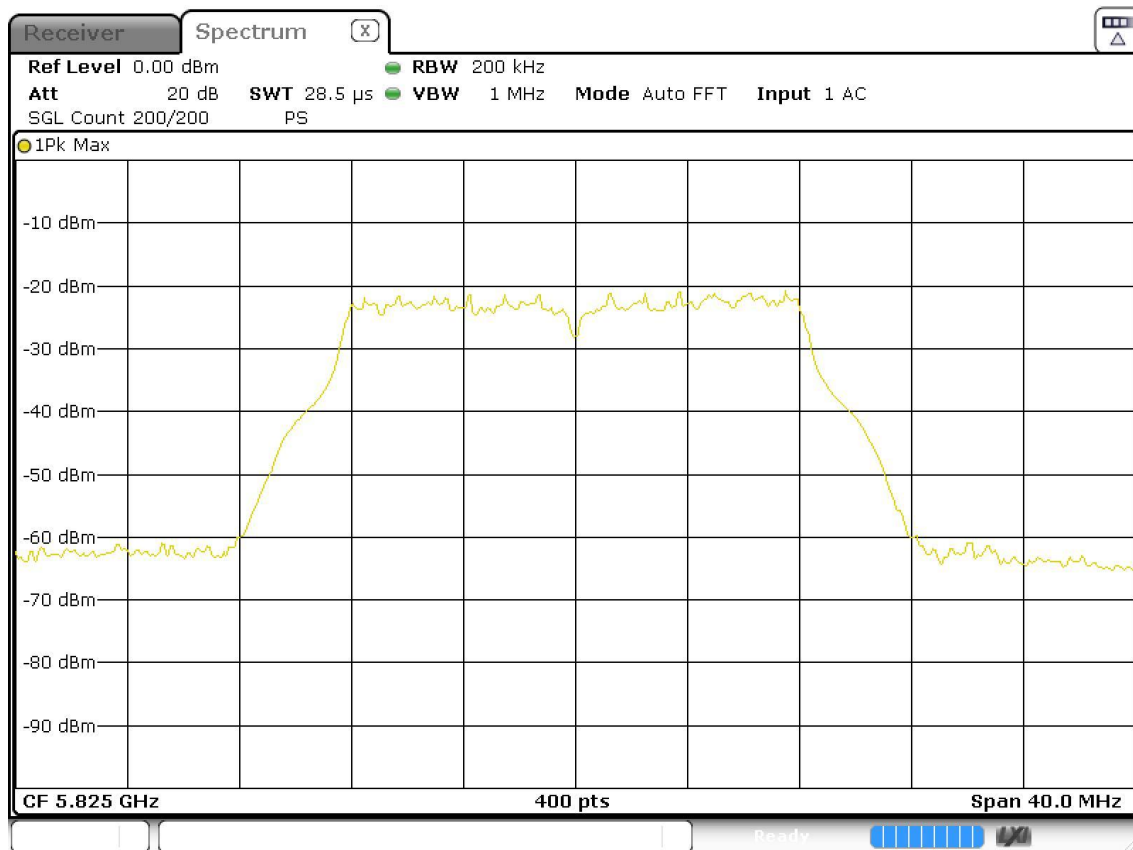
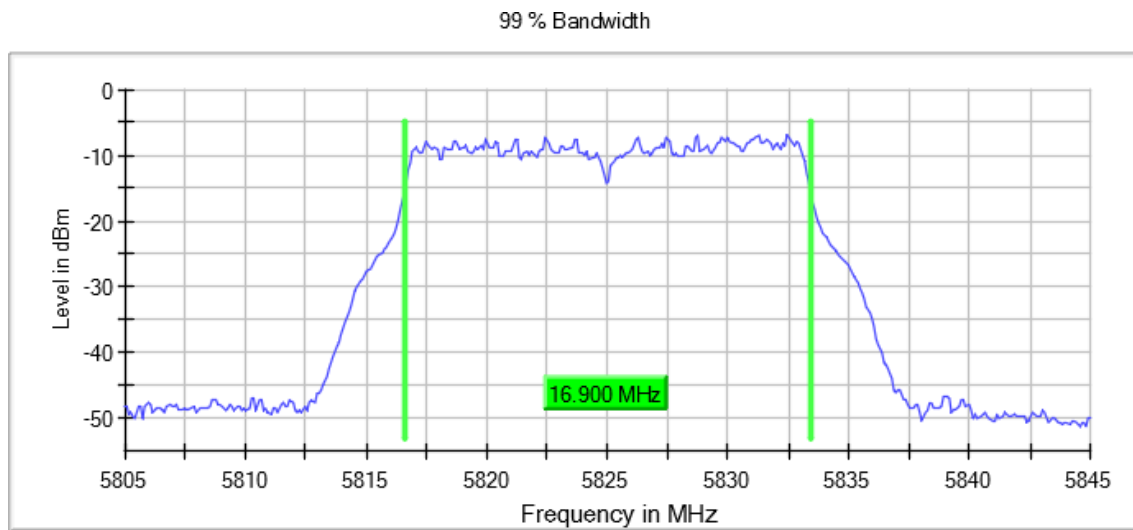


Date: 6.APR.2026 22:18:23

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:



Date: 6.APR.2026 22:25:08

Modulation: 802.11ac VHT20 (OFDM MCS0)
Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1	5180.00000	18.000
		5200.00000	18.000
		5240.00000	18.100
		5745.00000	18.100
		5785.00000	17.900
		5825.00000	18.100

Verdict

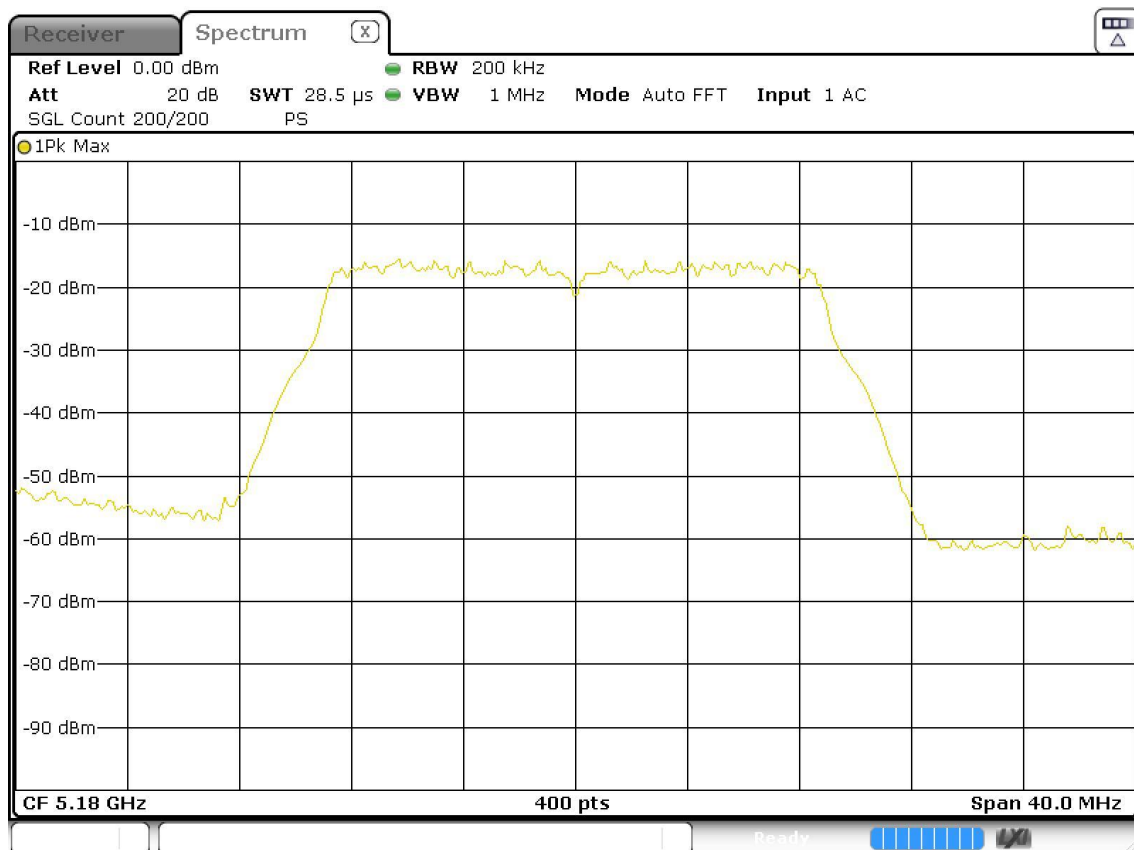
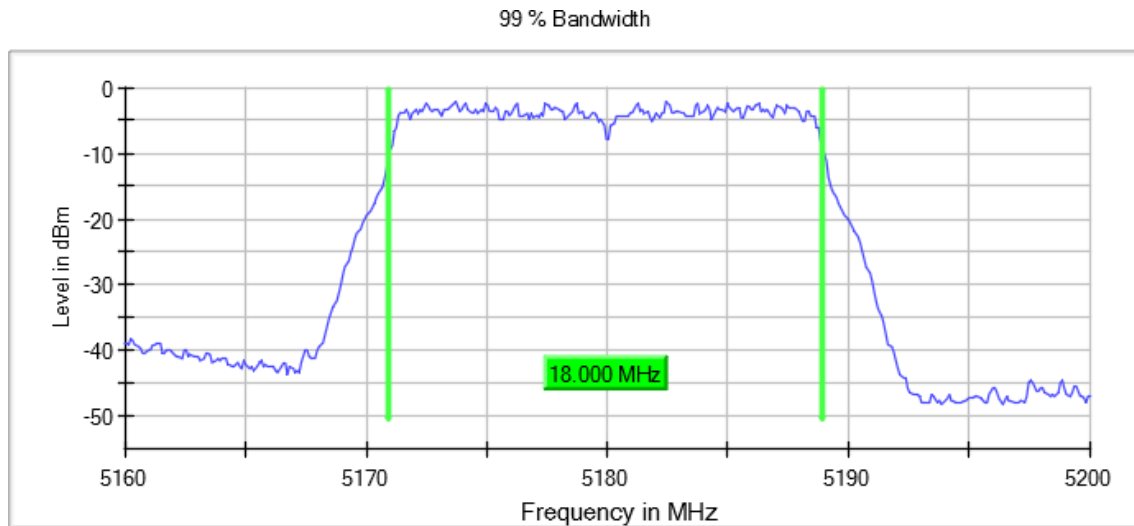
Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:



Date: 7.APR.2026 11:09:10

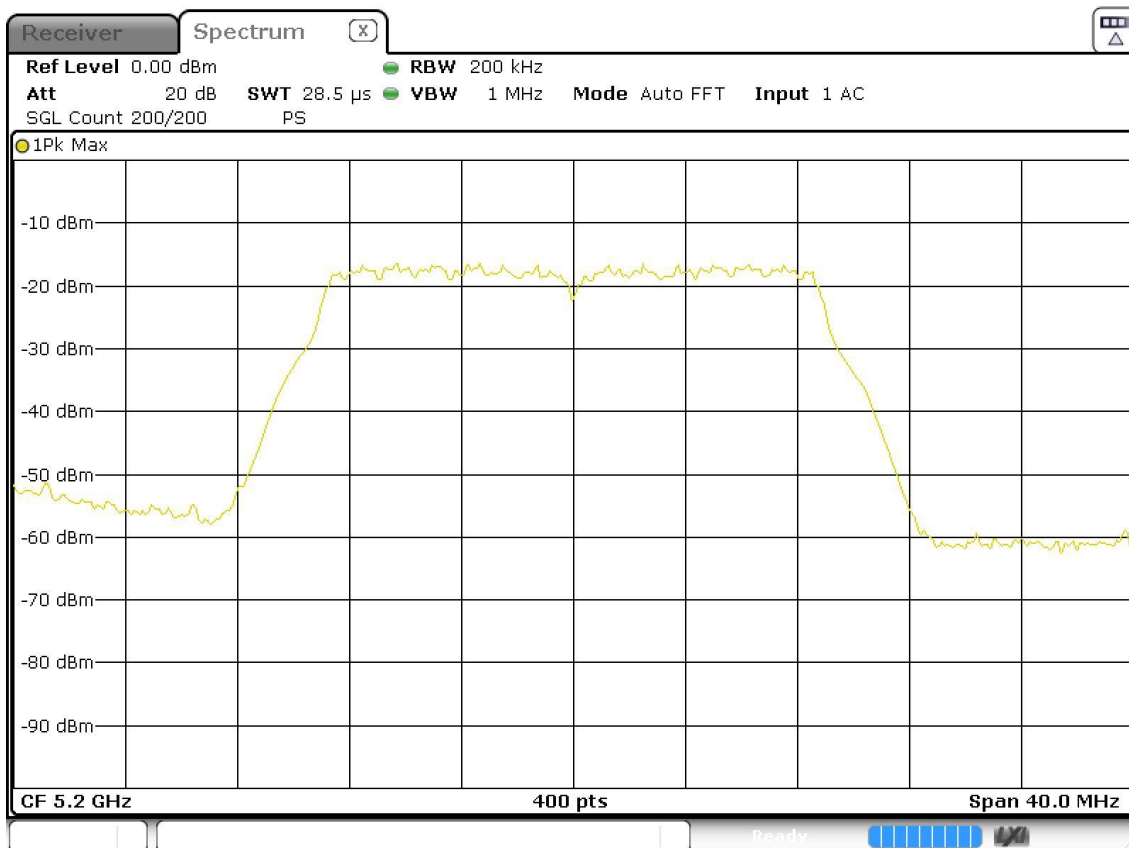
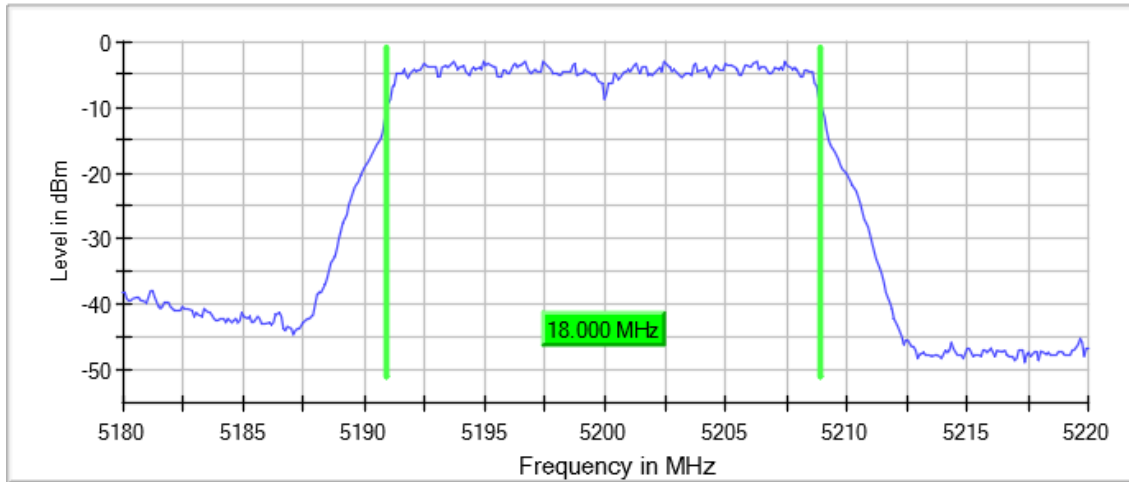
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:

99 % Bandwidth

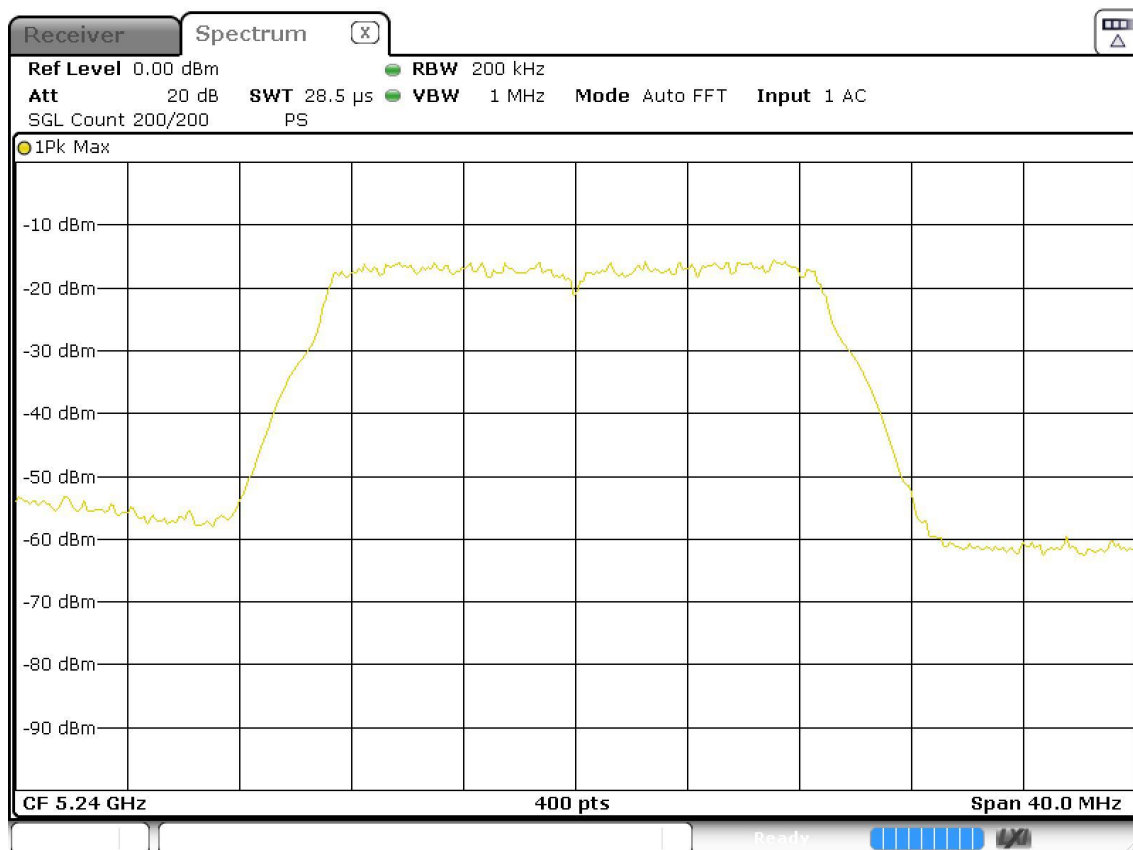
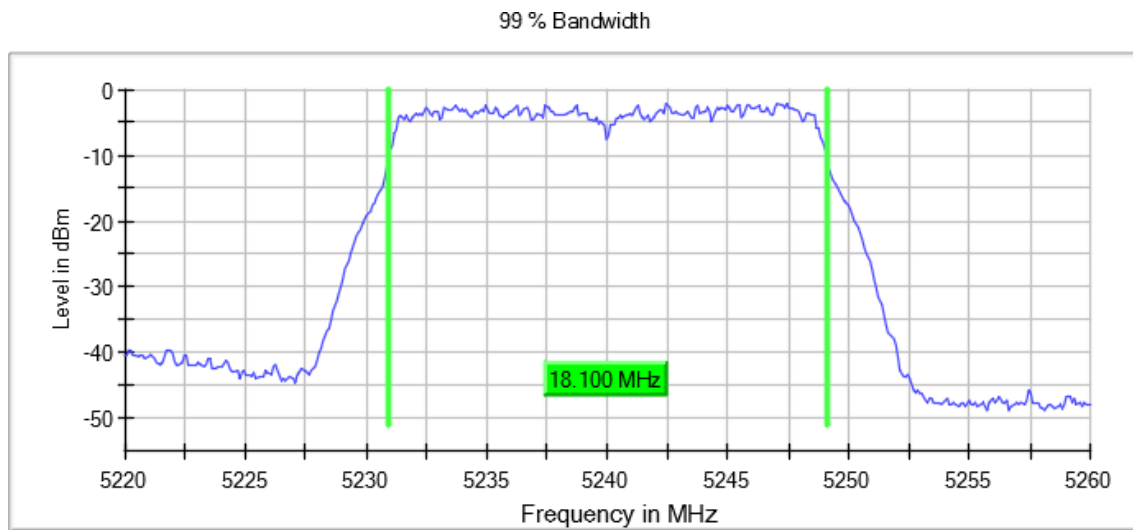


Date: 7.APR.2026 11:28:01

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:

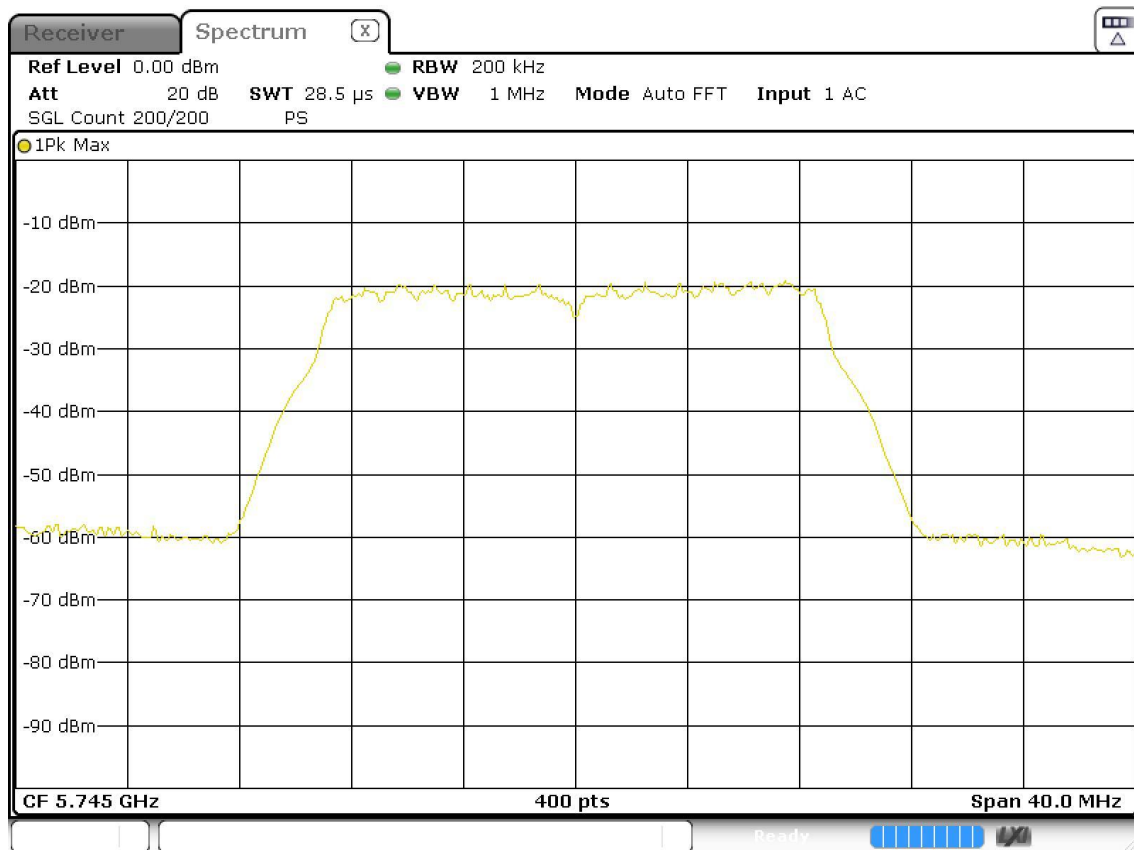
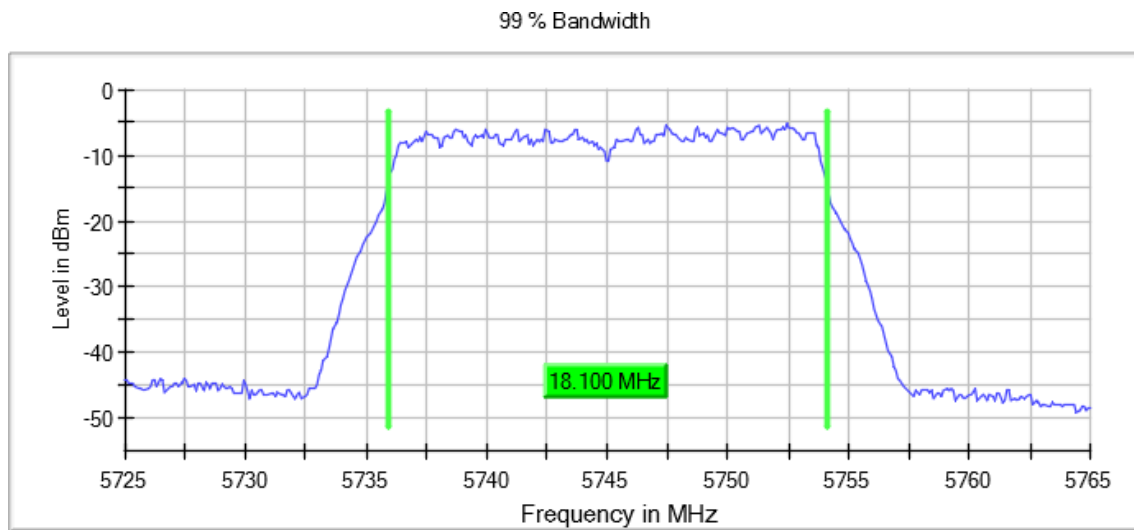


Date: 7.APR.2026 11:37:27

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:



Date: 7.APR.2026 12:19:51

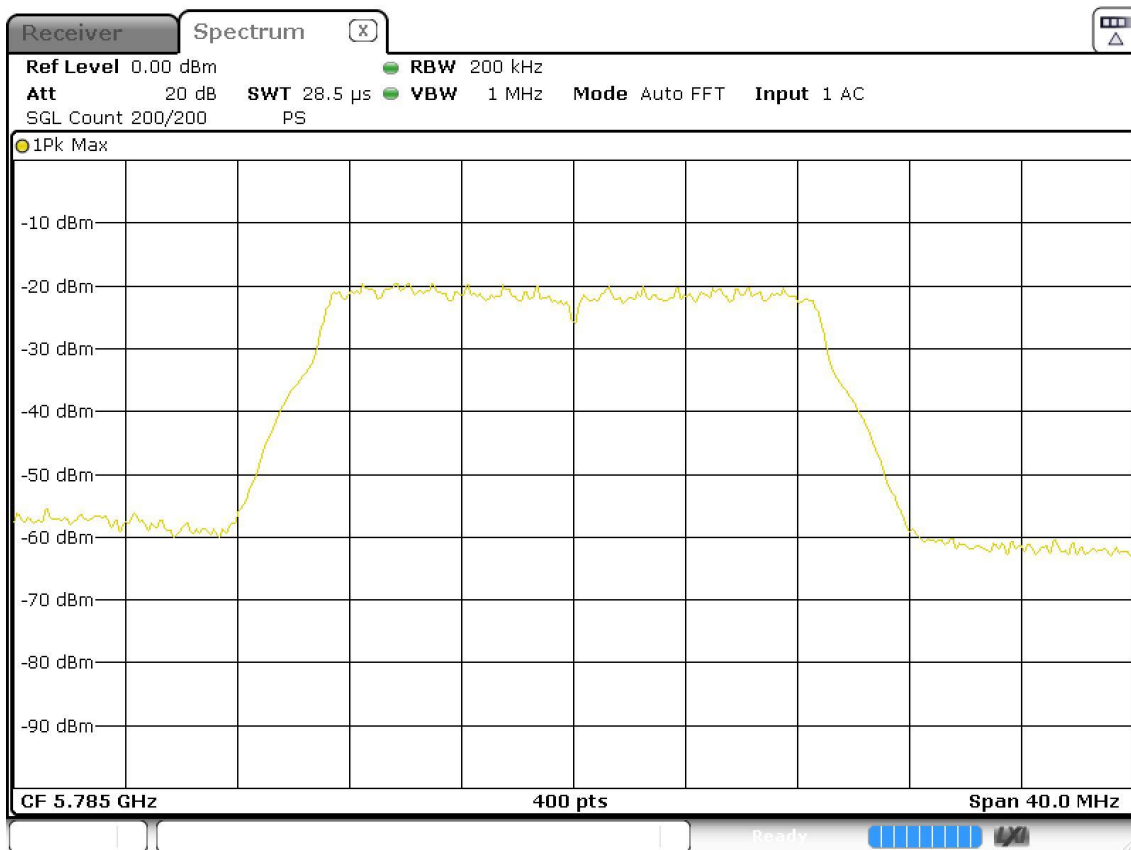
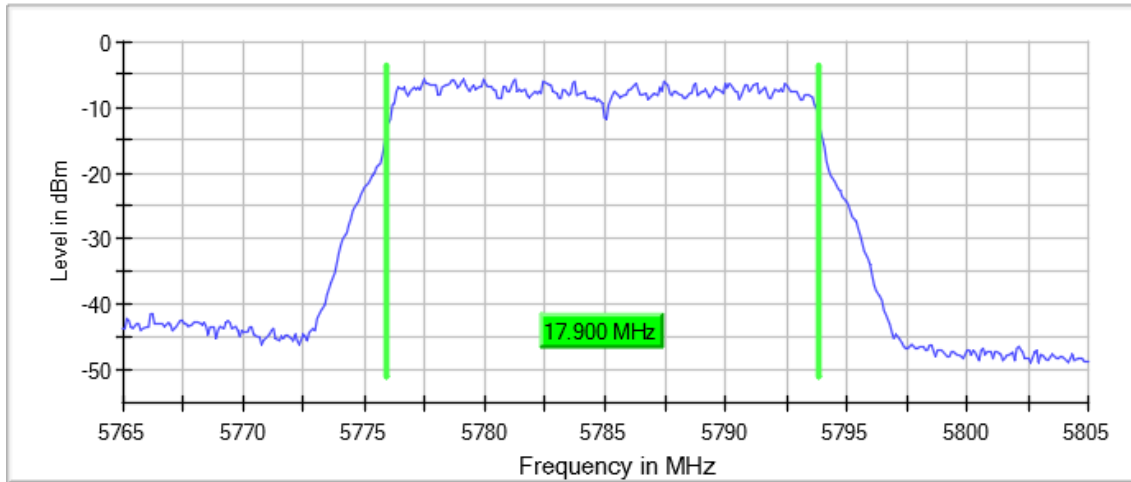
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 7.APR.2026 13:04:33

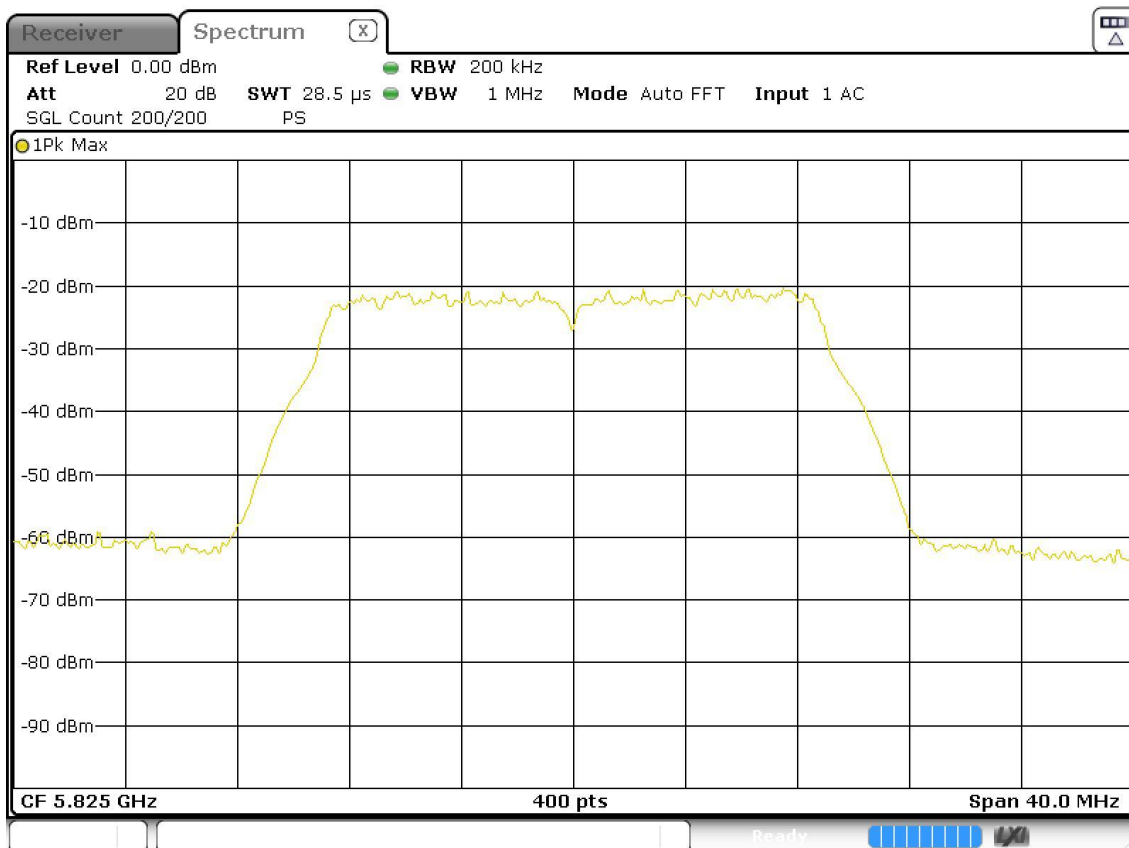
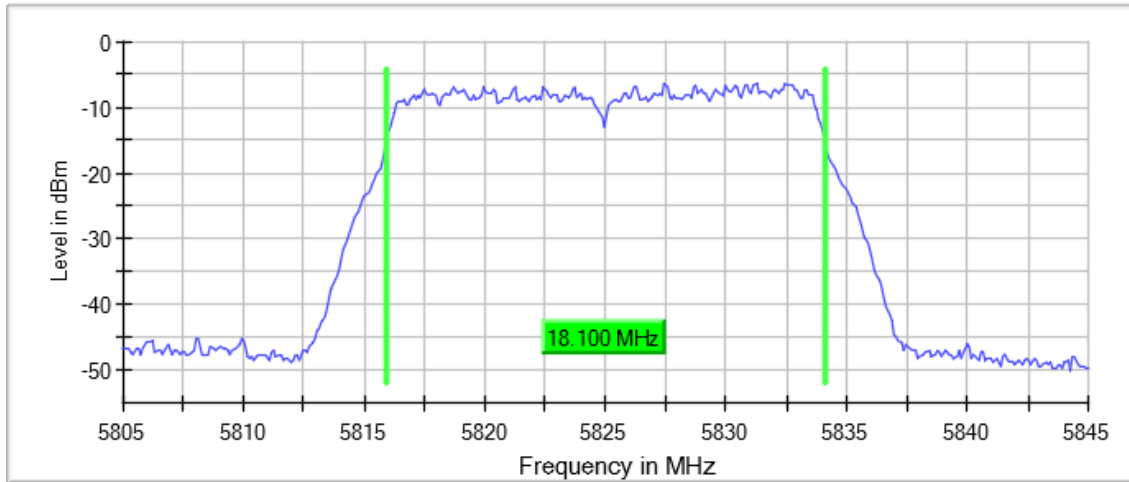
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 7.APR.2026 14:40:21

Modulation: 802.11ac VHT40 (OFDM MCS0)
Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1	5190.00000	36.750
		5230.00000	36.750
		5755.00000	36.750
		5795.00000	36.750

Verdict

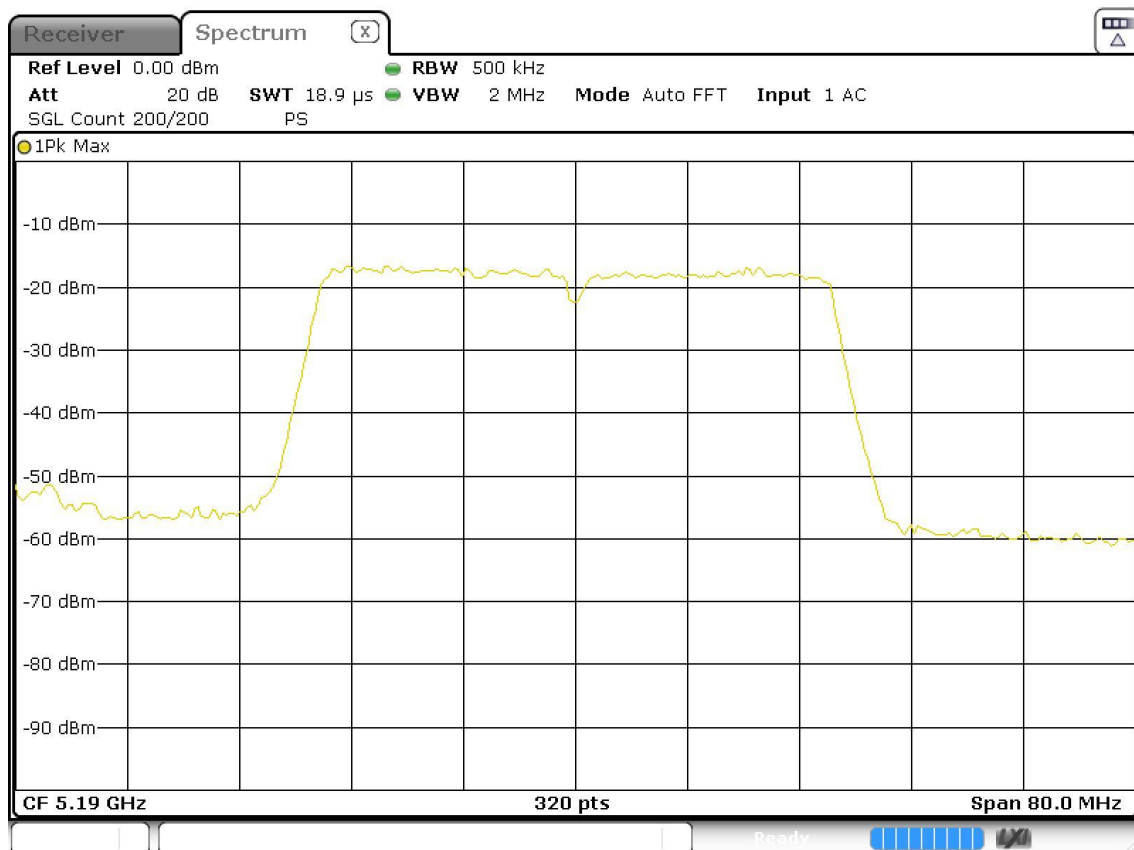
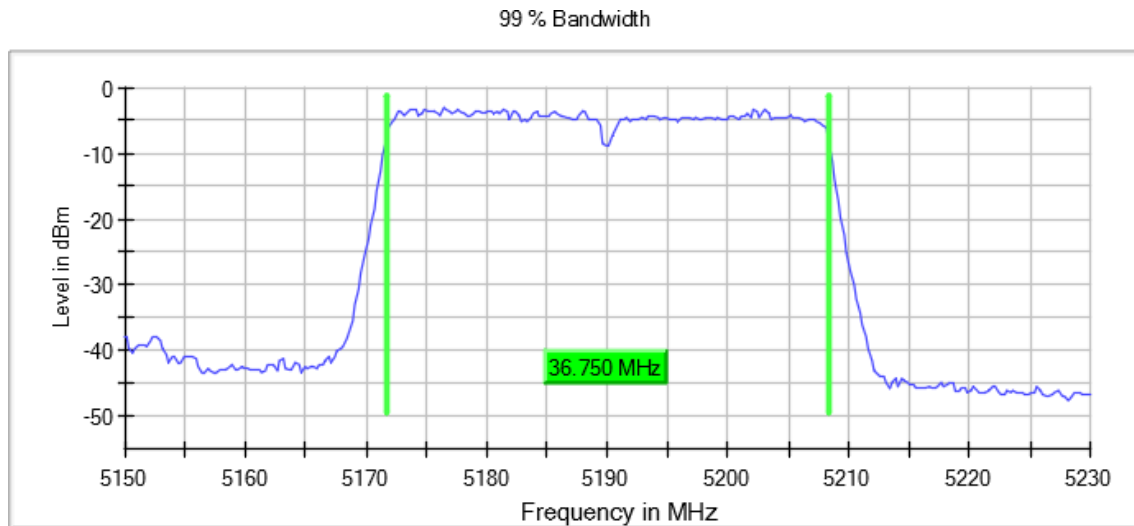
Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Images:



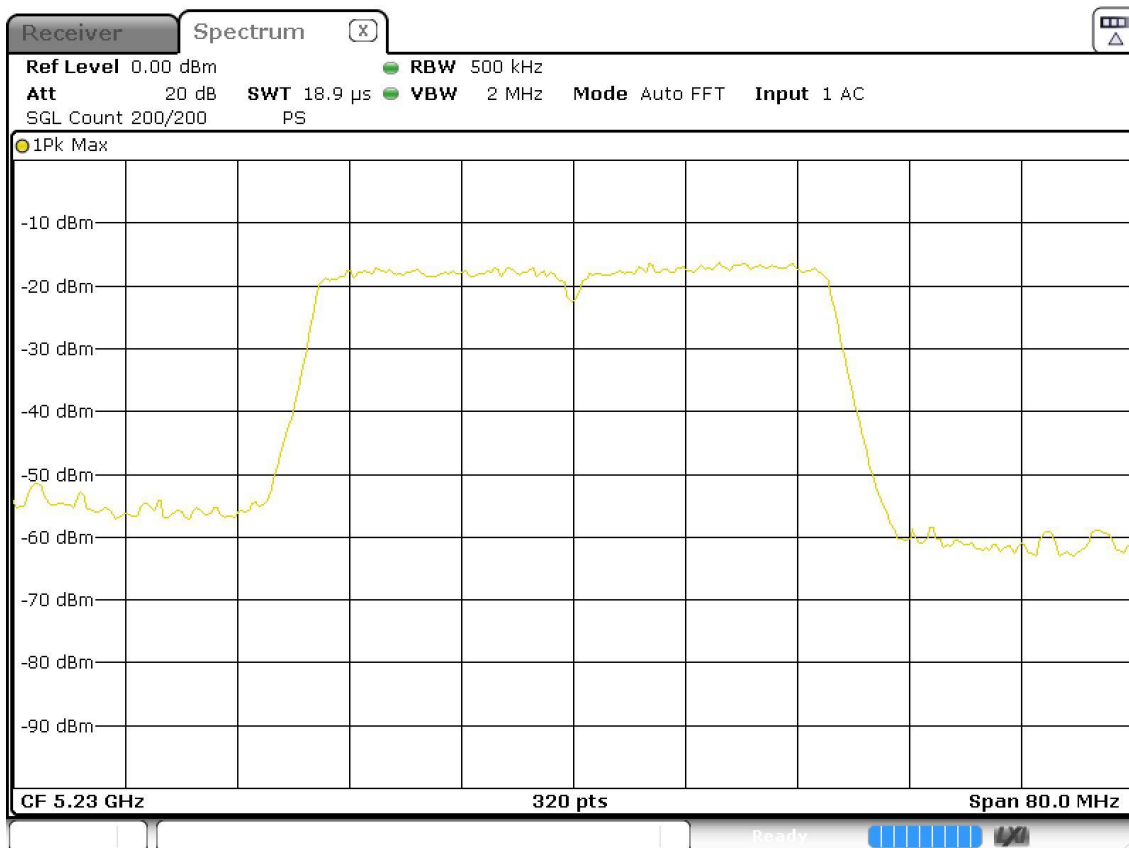
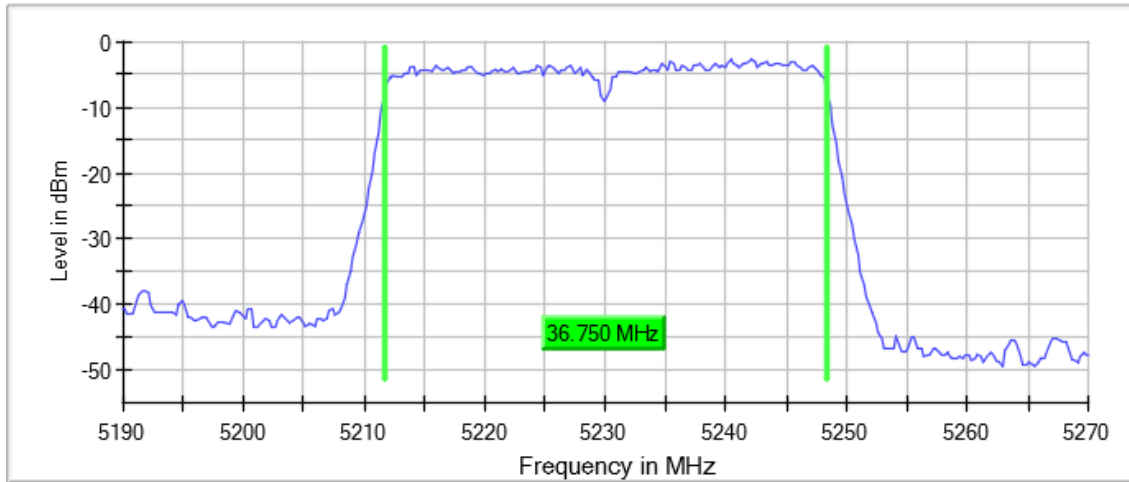
Date: 7.APR.2026 20:52:42

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Images:

99 % Bandwidth



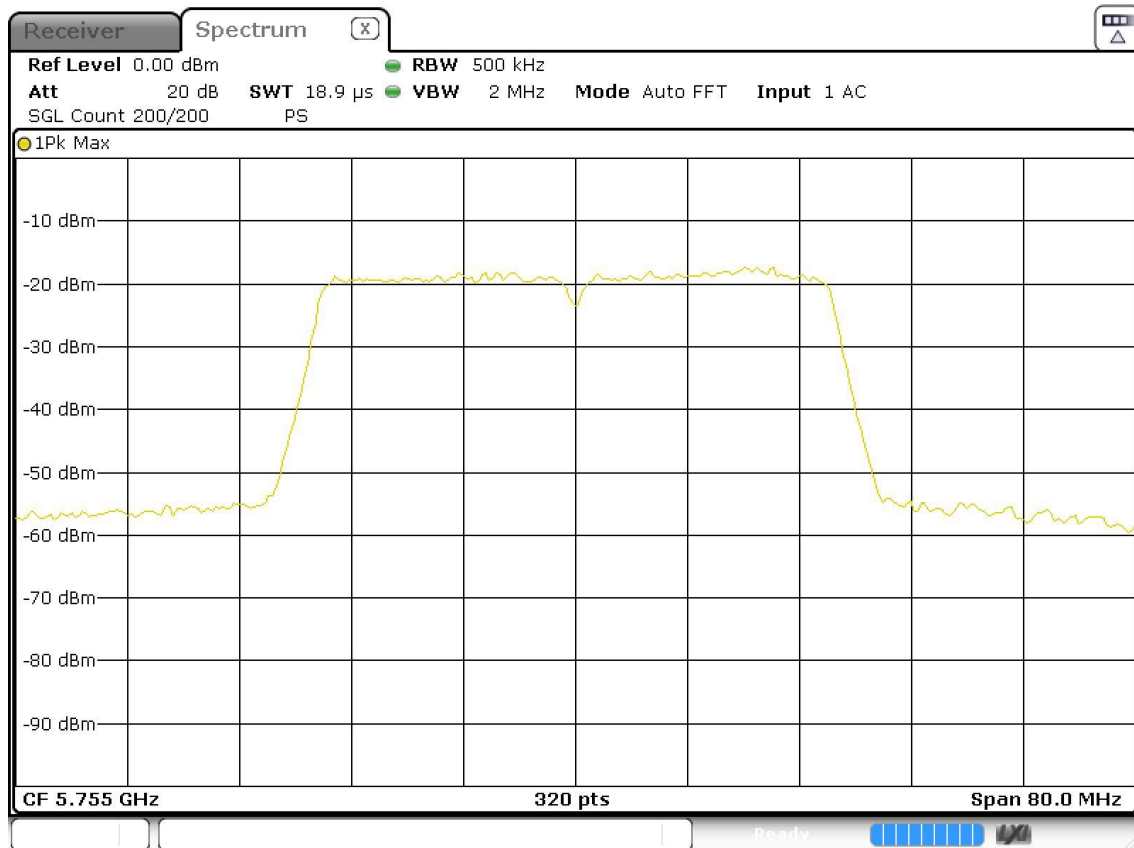
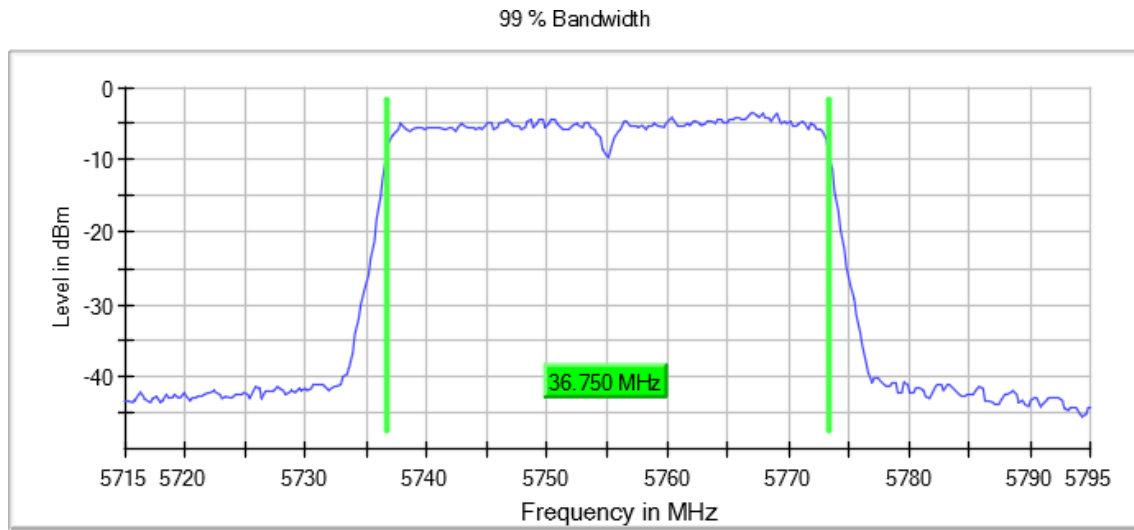
Date: 8.APR.2026 10:36:43

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

Images:



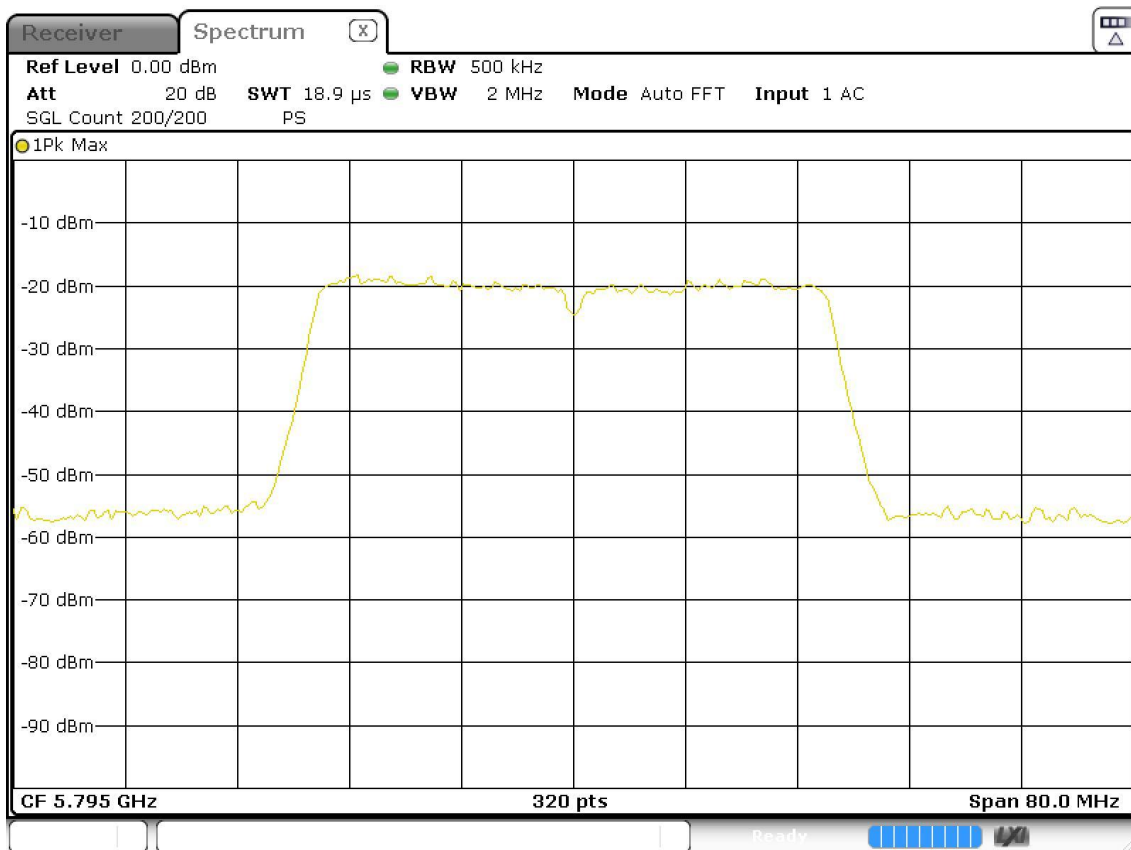
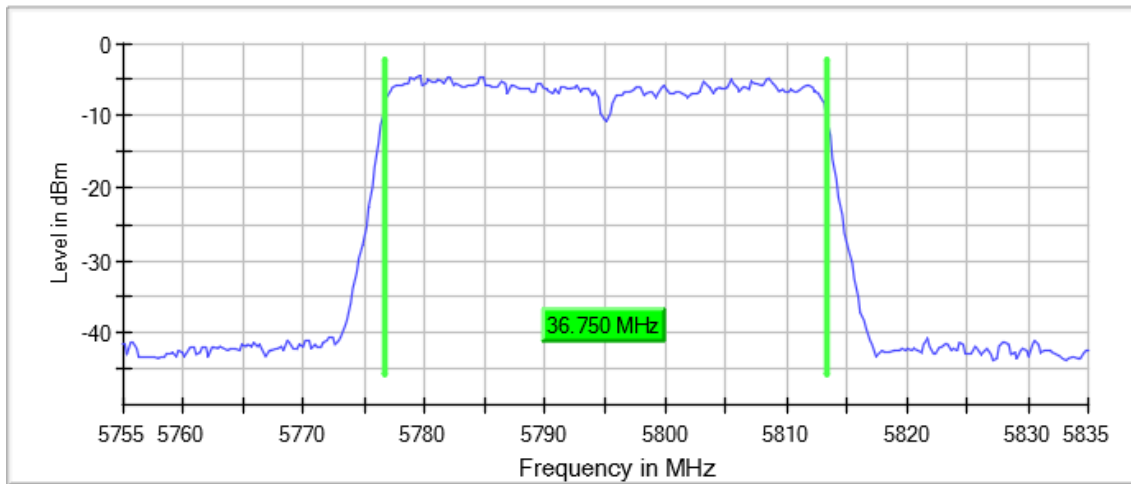
Date: 8.APR.2026 10:51:17

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Images:

99 % Bandwidth



Date: 8.APR.2026 11:06:19

Modulation: 802.11ac VHT80 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1	5210.00000	76.500
		5775.00000	76.500

Verdict

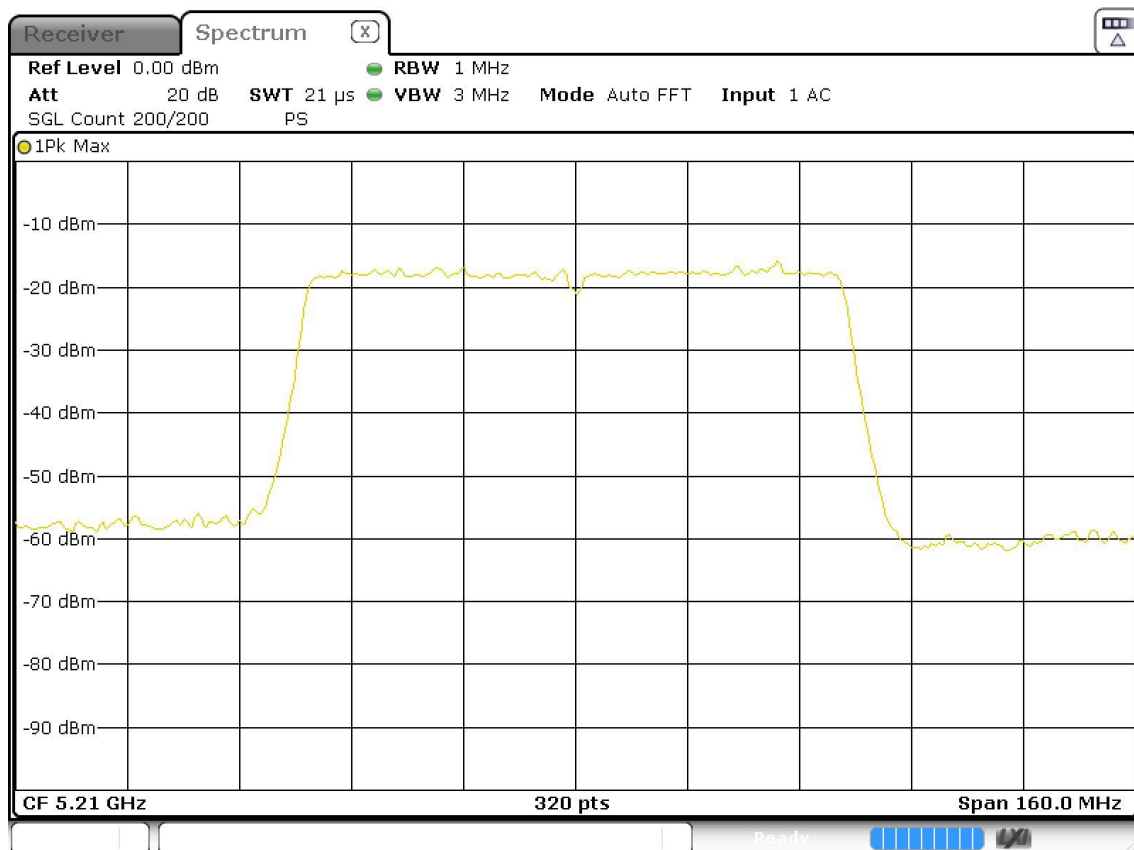
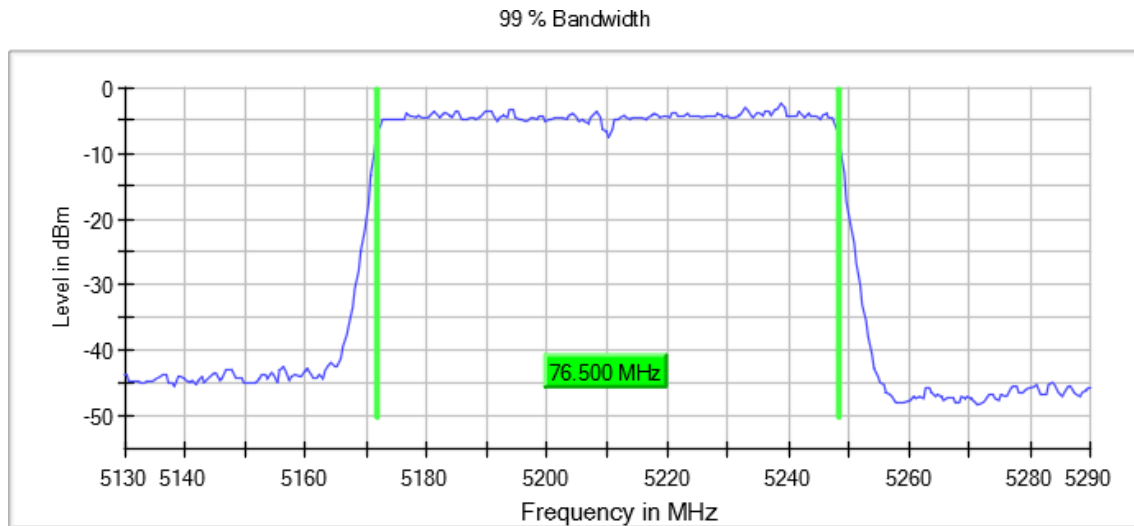
Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5210.00000 Modulation = 802.11ac VHT80 (OFDM MCS0)

Images:



Date: 8.APR.2026 13:15:39

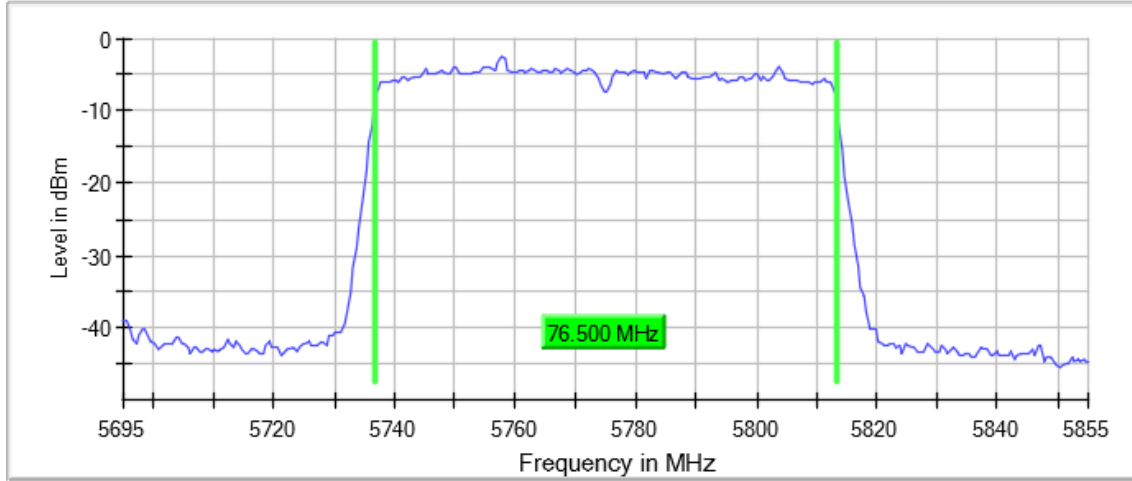
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5775.00000

Modulation = 802.11ac VHT80 (OFDM MCS0)

Images:

99 % Bandwidth



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Section 15.407 Subclause 15.403(i) [Ebw] Transmitter 26 dB Emission Bandwidth (EBW)

Limits

USA FCC Part 15.407

FCC 15.403 (Emission bandwidth): For purposes of this subpart the emission bandwidth is determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of the modulated carrier.

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1	5180.00000	21.800
		5200.00000	22.000
		5240.00000	22.000
		5745.00000	22.000
		5785.00000	21.800
		5825.00000	22.000

Verdict

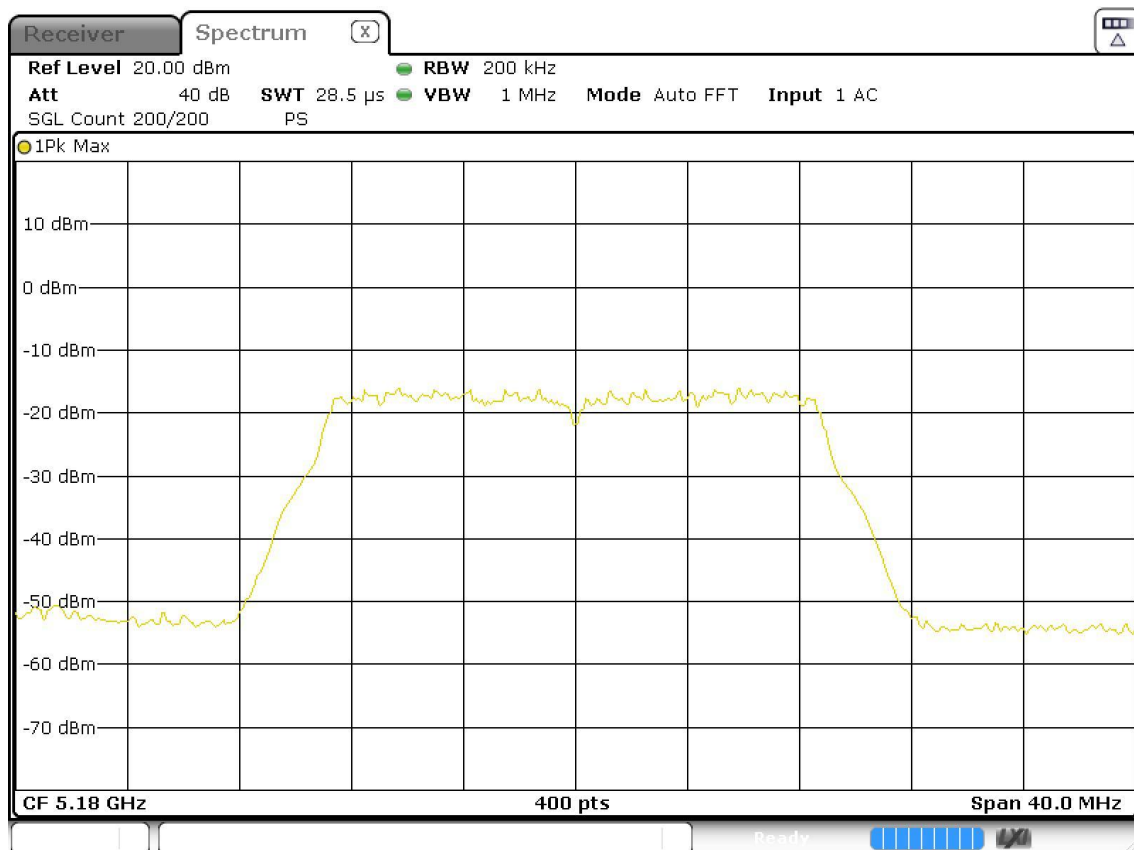
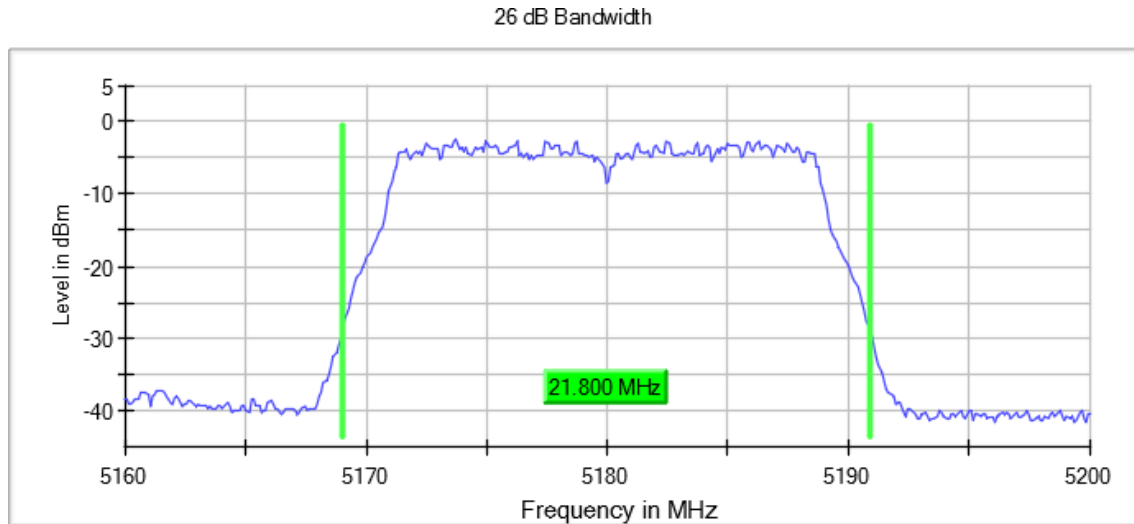
Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11n HT20 (OFDM MCS0)

Images:



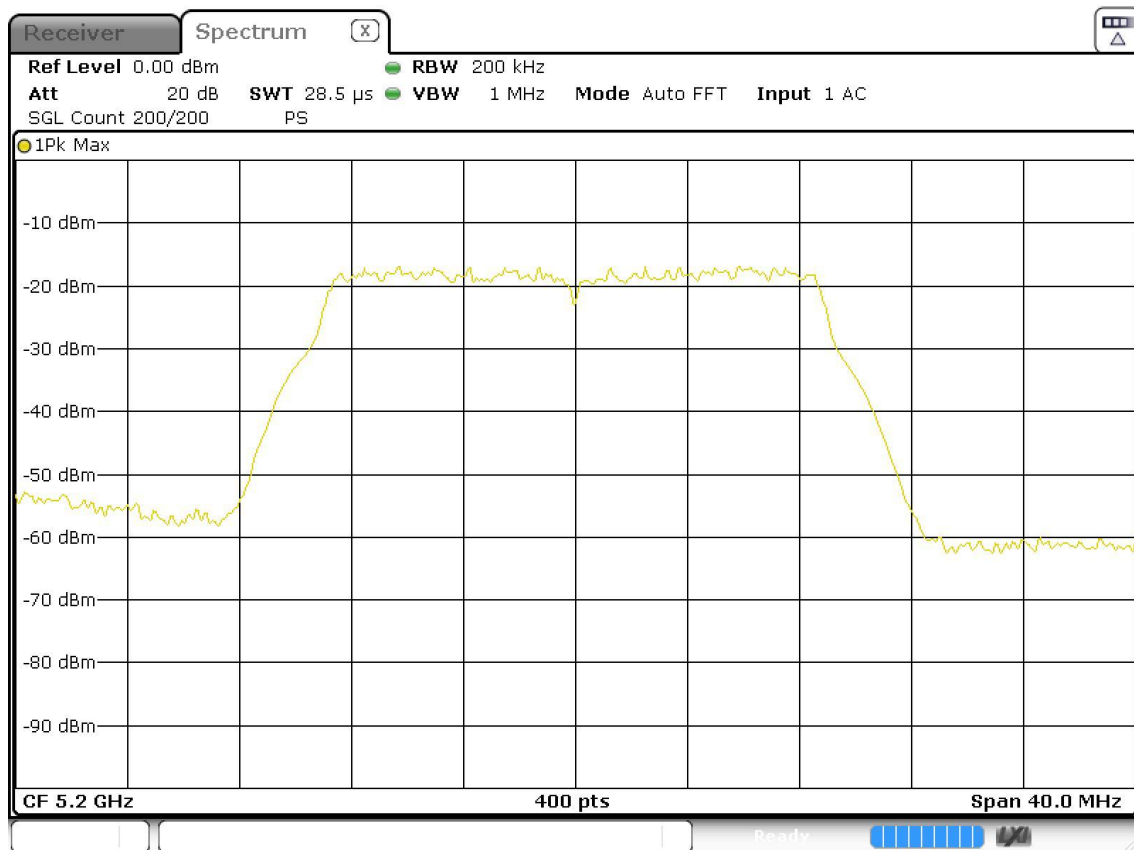
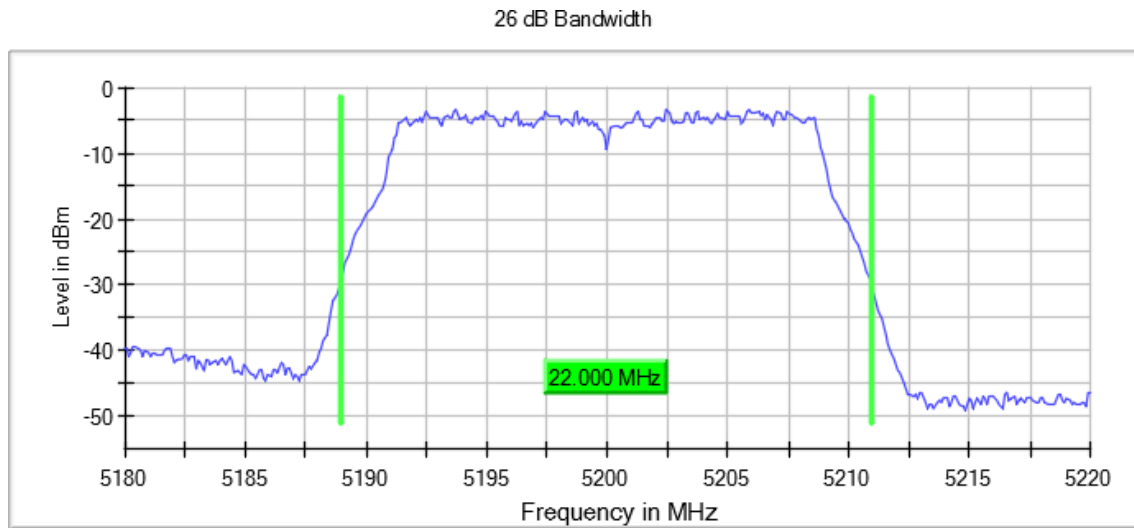
Date: 6.APR.2026 22:40:43

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 6.APR.2026 22:58:38