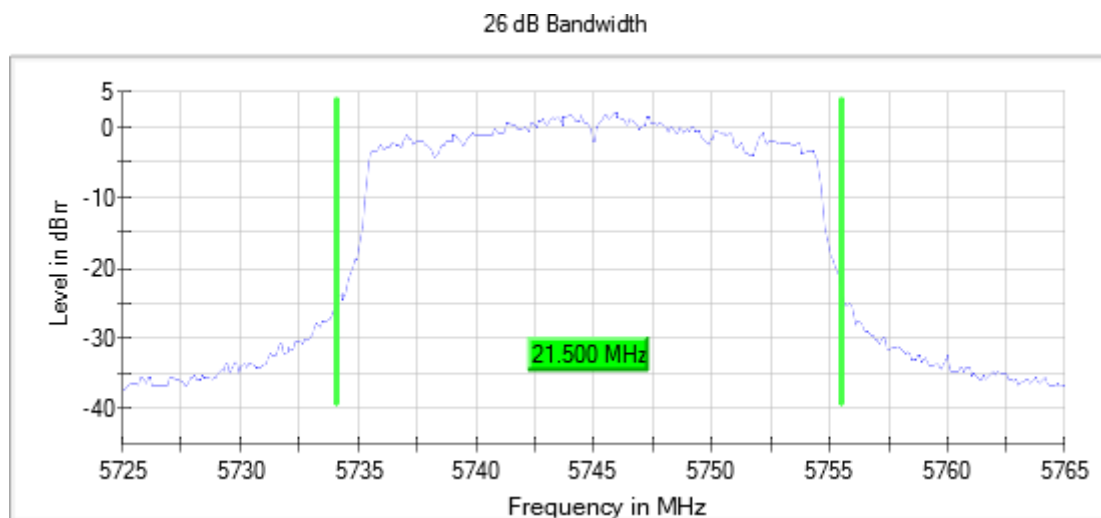


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



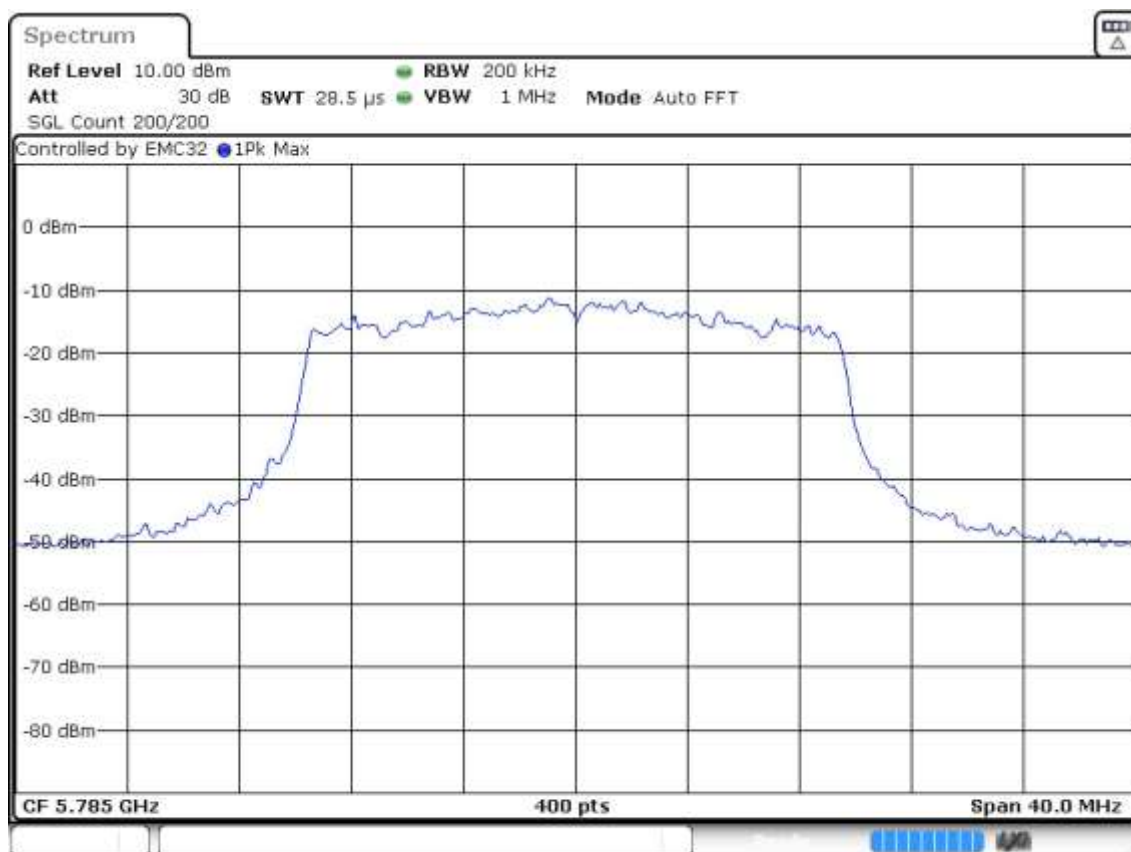
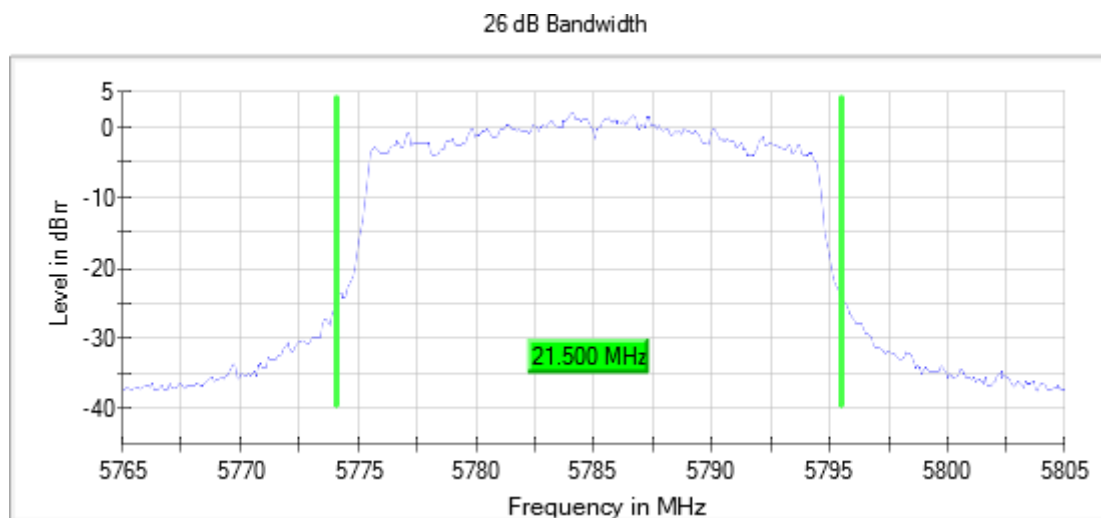
Date: 21.DEC.2025 08:59:05

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

Frequency MHz = 5785.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 21.DEC.2025 09:36:00

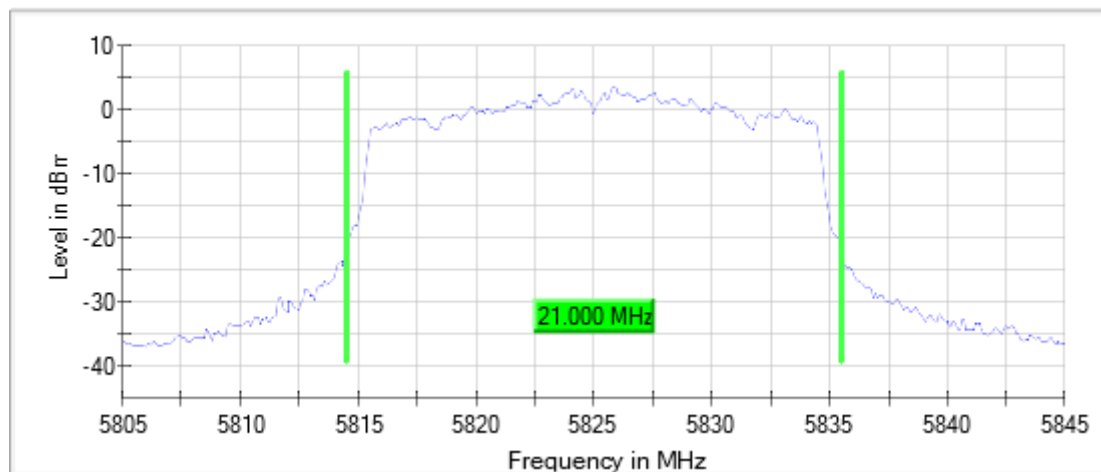
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth



Date: 21.DEC.2025 09:59:31

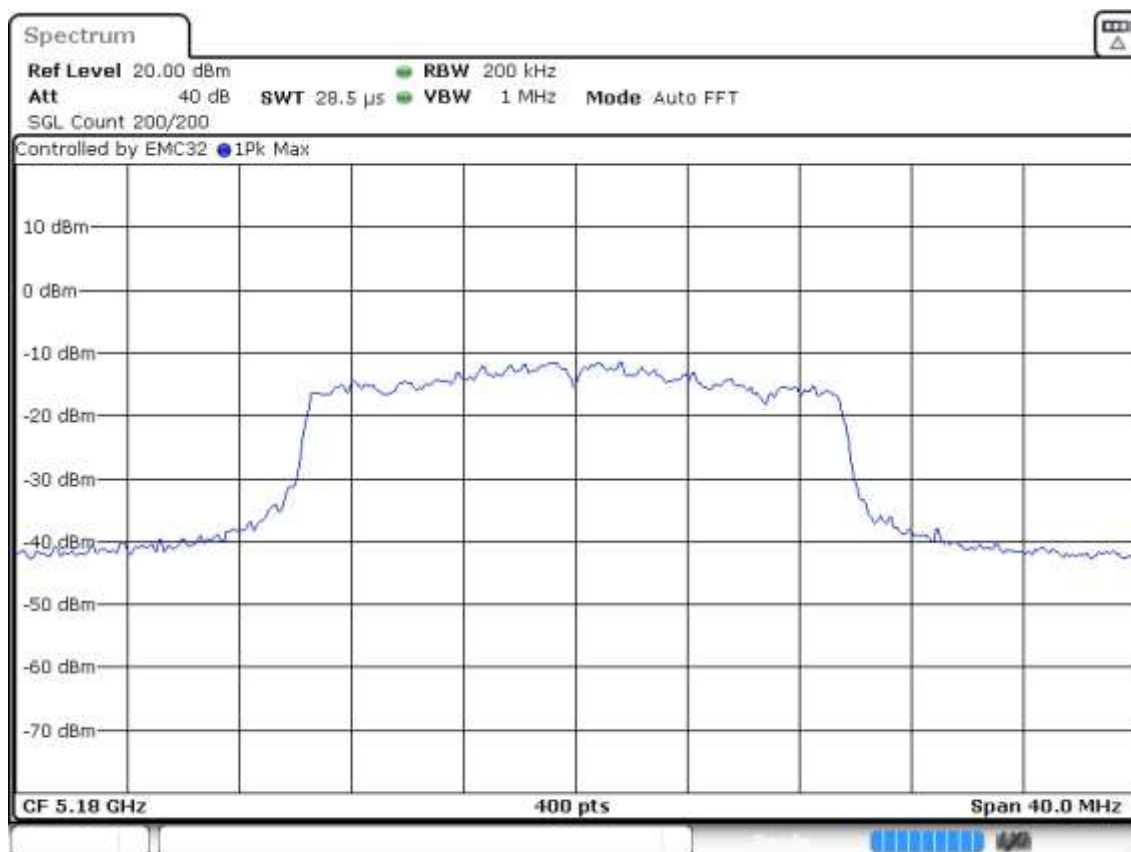
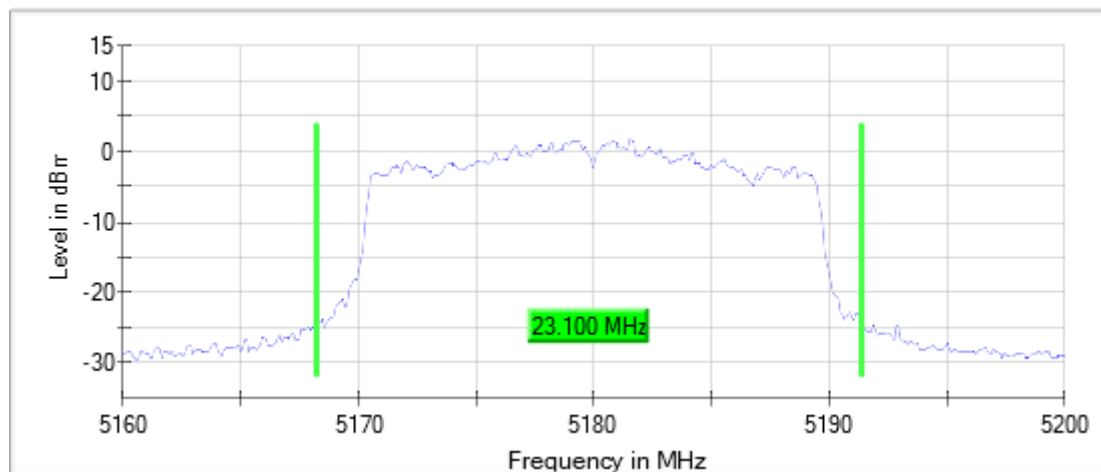
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5180.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

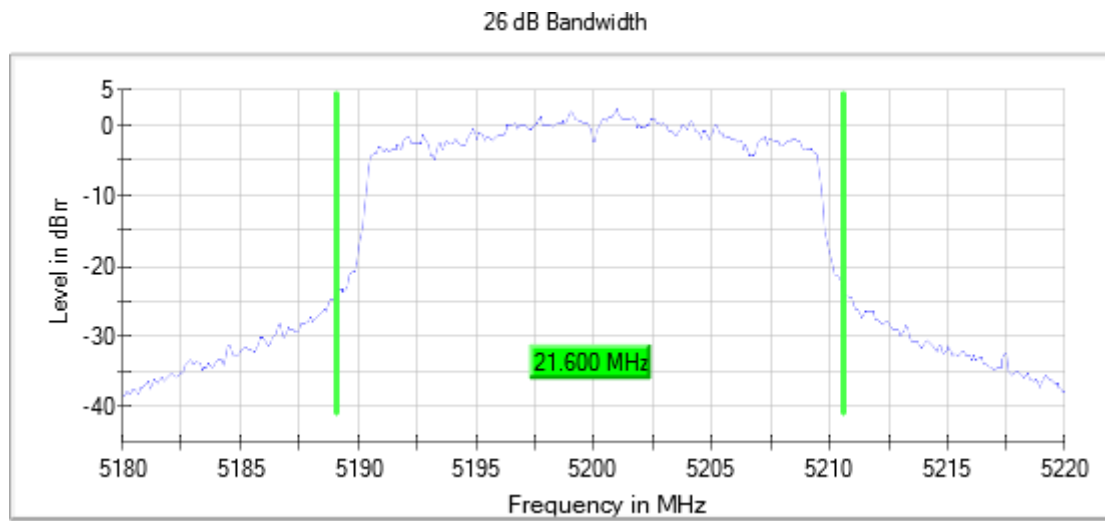


Date: 21.DEC.2025 12:43:58

Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 21.DEC.2025 13:26:39

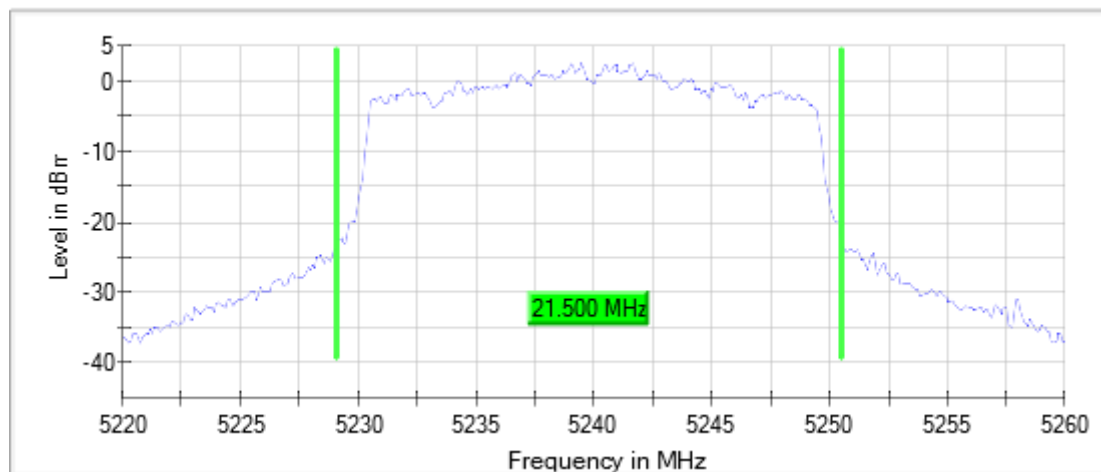
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5240.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

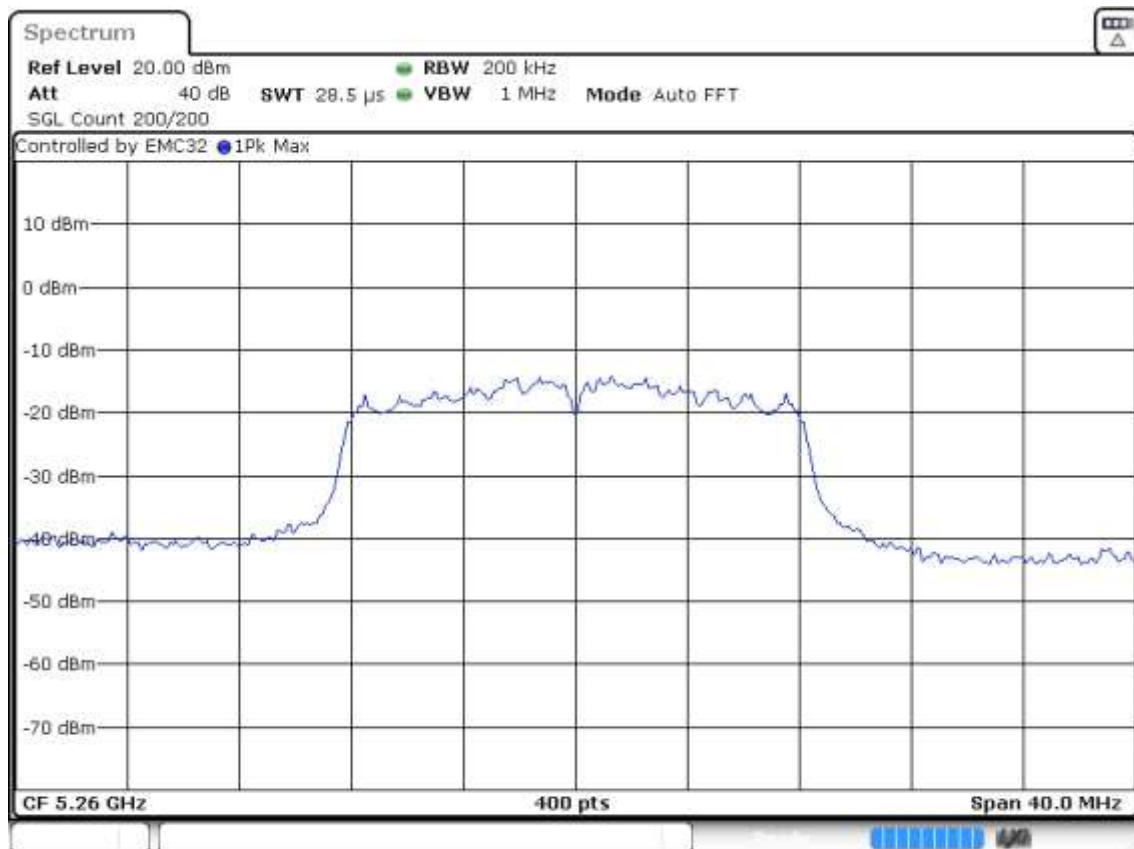
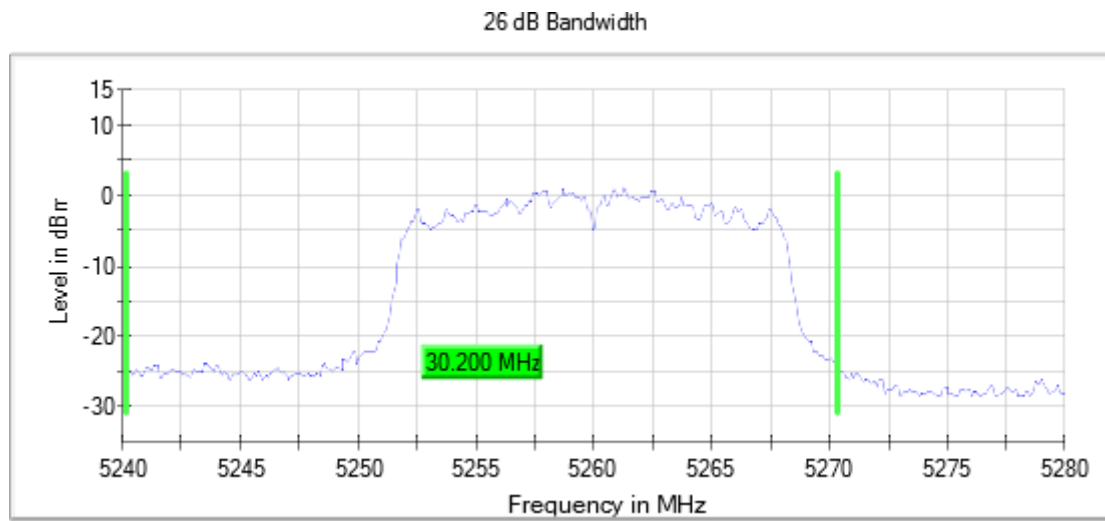


Date: 21.DEC.2025 13:50:39

Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5260.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

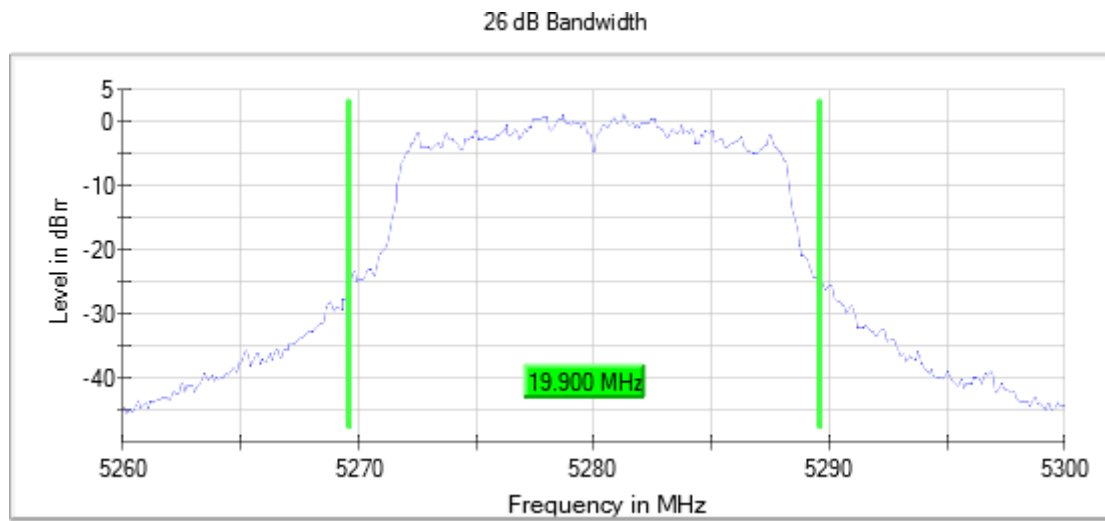


Date: 13 JAN 2026 00:48:46

Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5280.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 13 JAN 2026 00:56:17

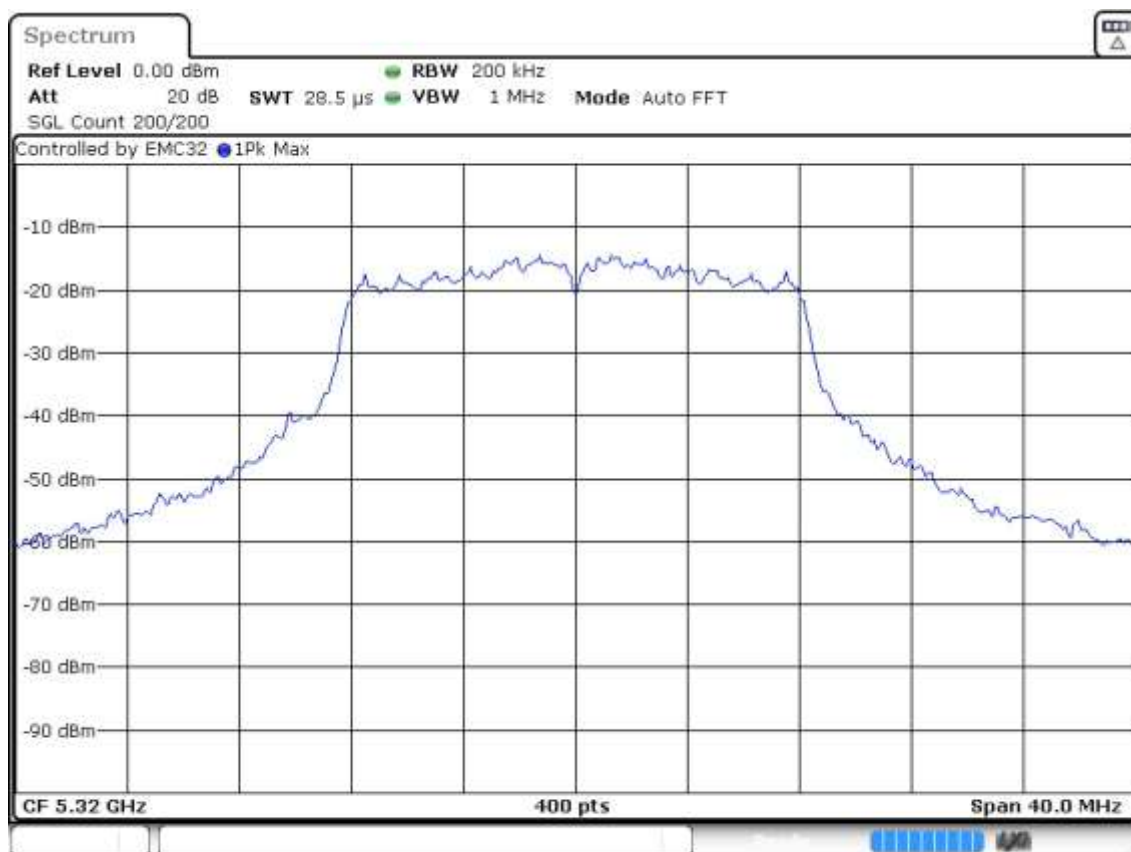
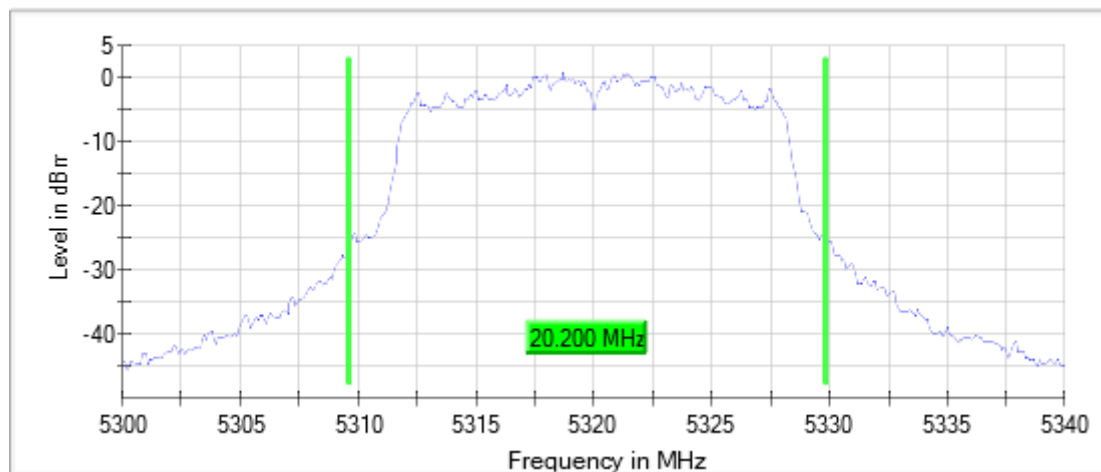
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5320.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

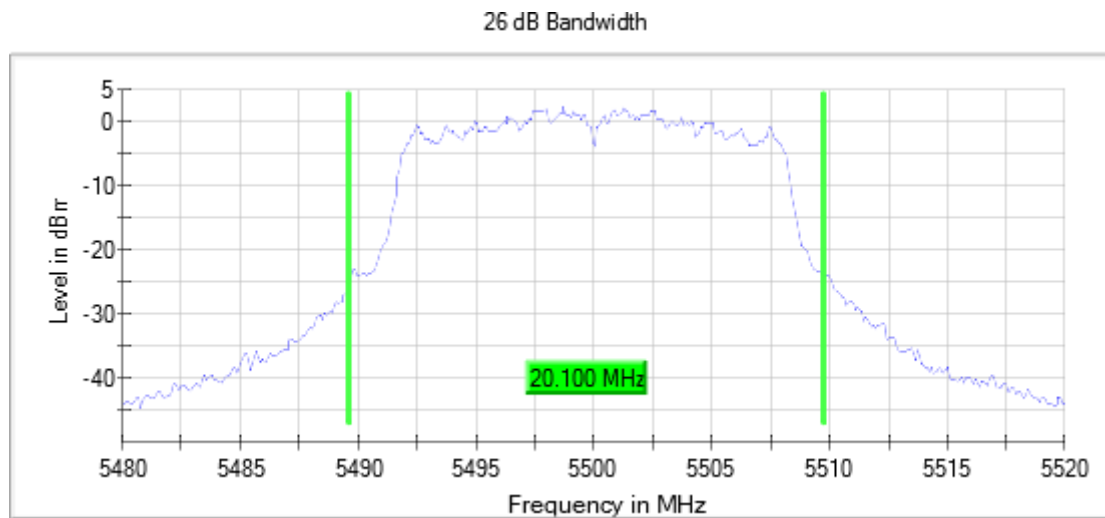


Date: 13 JAN 2026 01:02:08

Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5500.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 13 JAN 2026 01:09:02

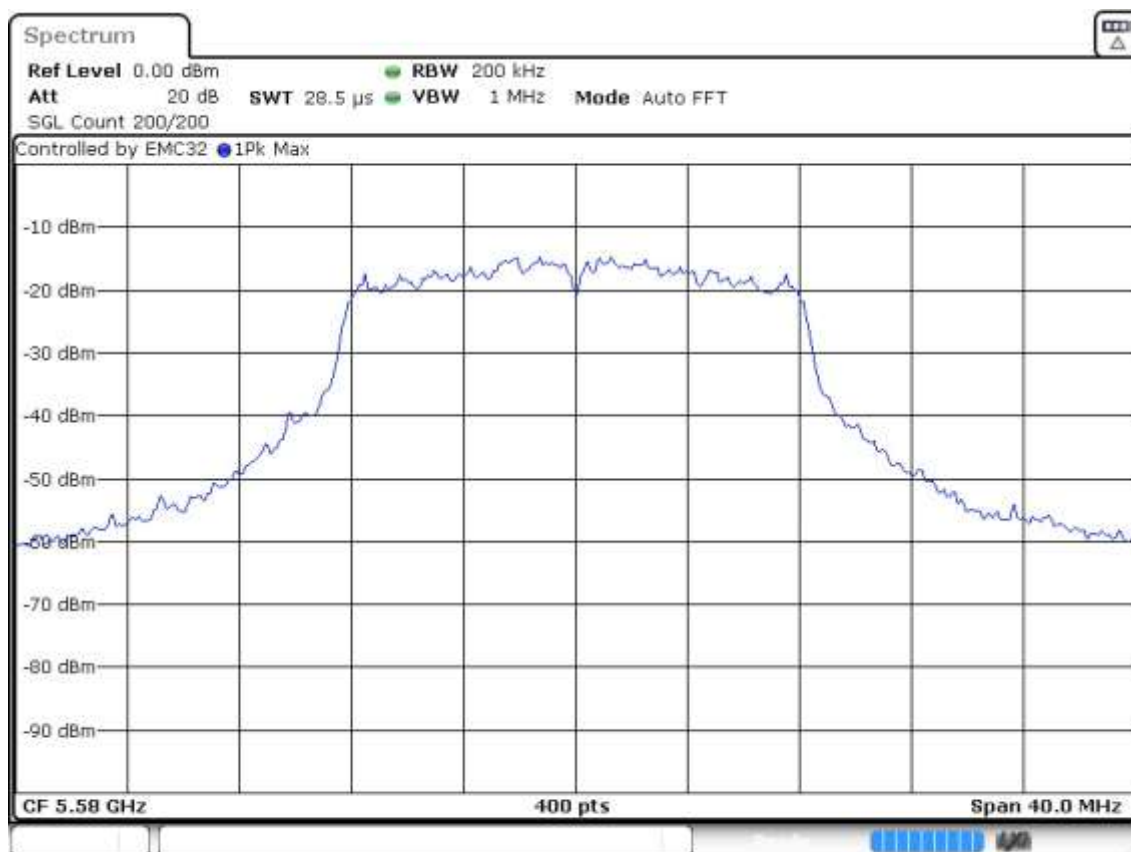
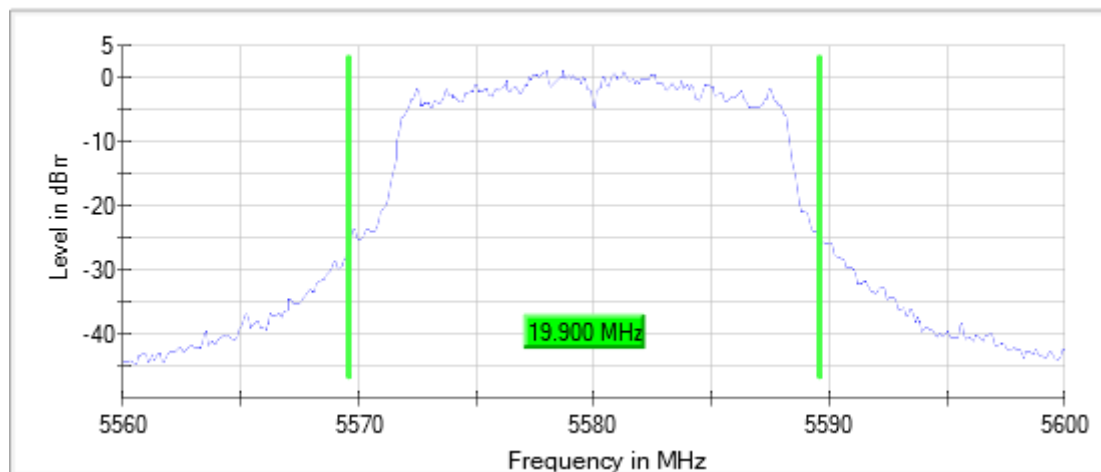
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5580.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

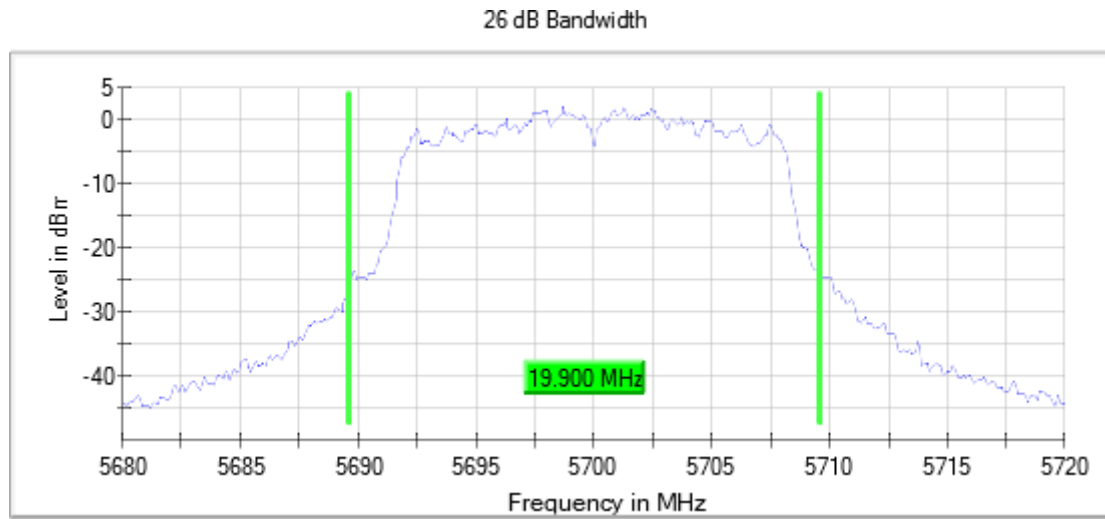


Date: 13 JAN 2026 01:15:08

Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5700.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 13. JAN. 2026 01:20:28

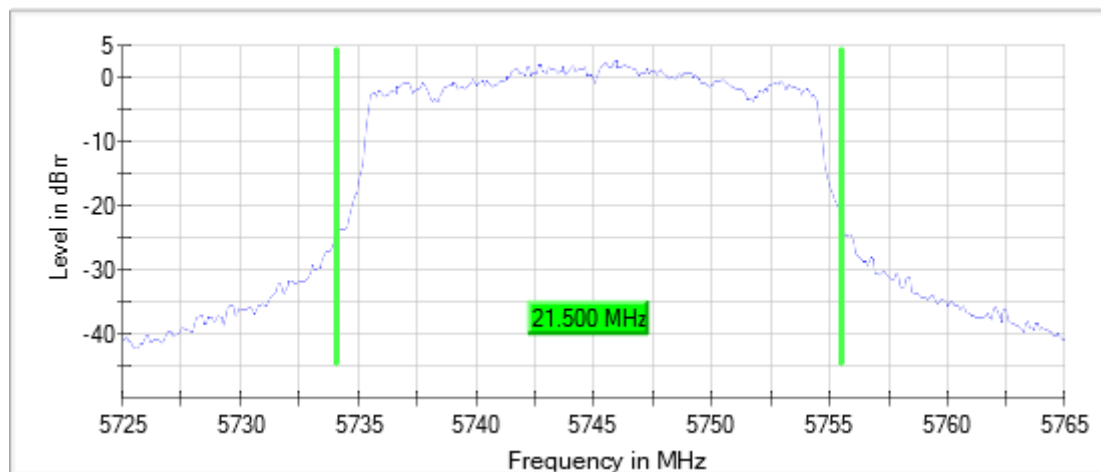
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5745.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth



Date: 21.DEC.2025 16:00:12

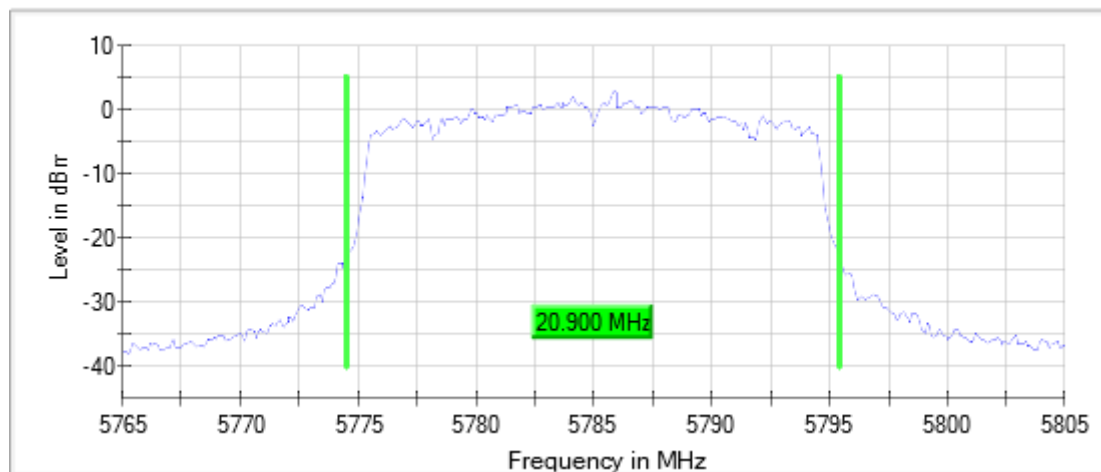
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5785.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth



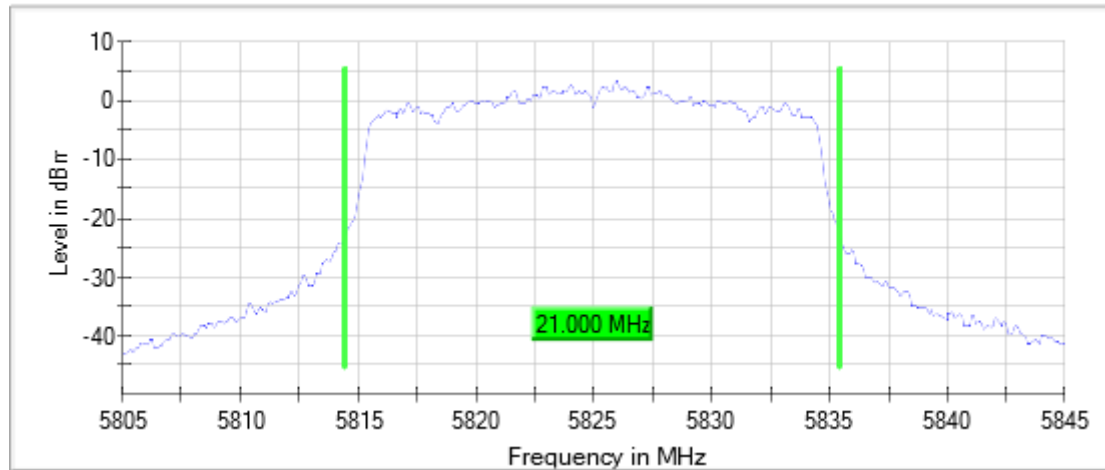
Date: 21.DEC.2025 16:33:12

Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth



Date: 21.DEC.2025 16:44:11

Modulation: 802.11ax HE20 SS1 (OFDMA MCS0)
Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5180.00000	22.400
		5200.00000	21.600
		5240.00000	21.200
		5260.00000	20.451
		5280.00000	20.150
		5320.00000	20.551
		5500.00000	20.351
		5580.00000	20.251
		5700.00000	20.251
		5745.00000	21.400
		5785.00000	21.100
		5825.00000	21.100

Verdict

Pass

Attachments

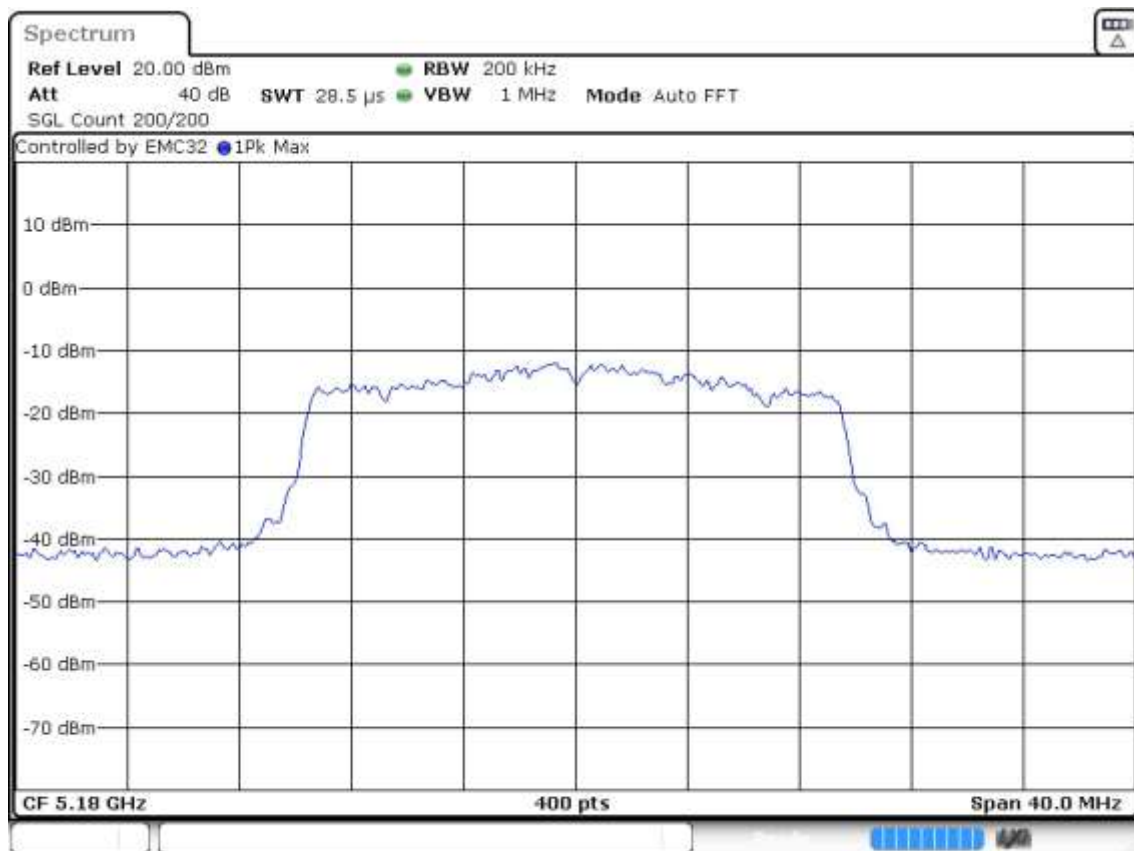
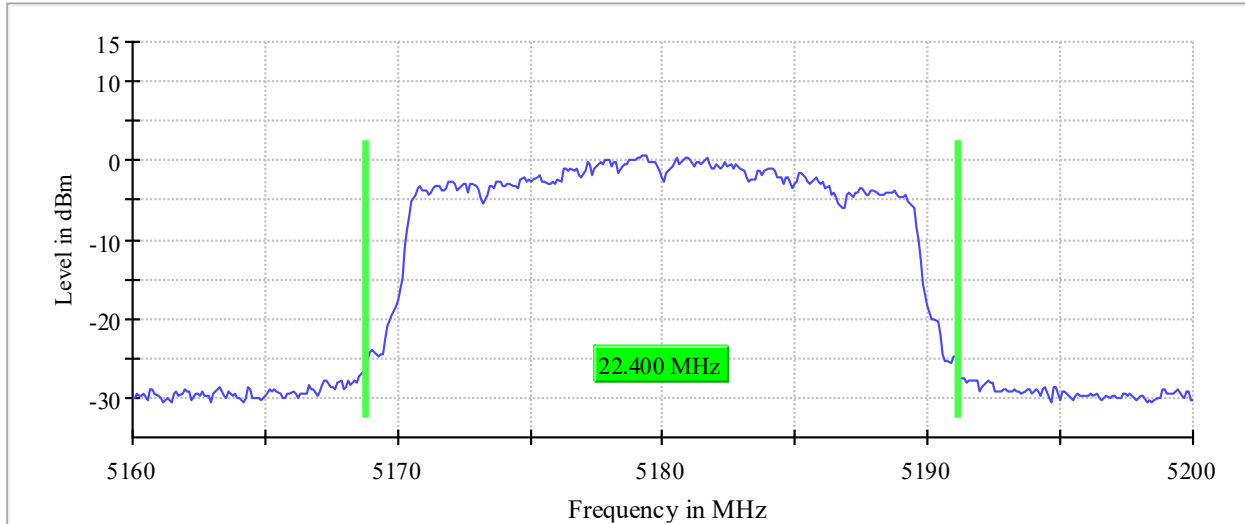
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5180.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

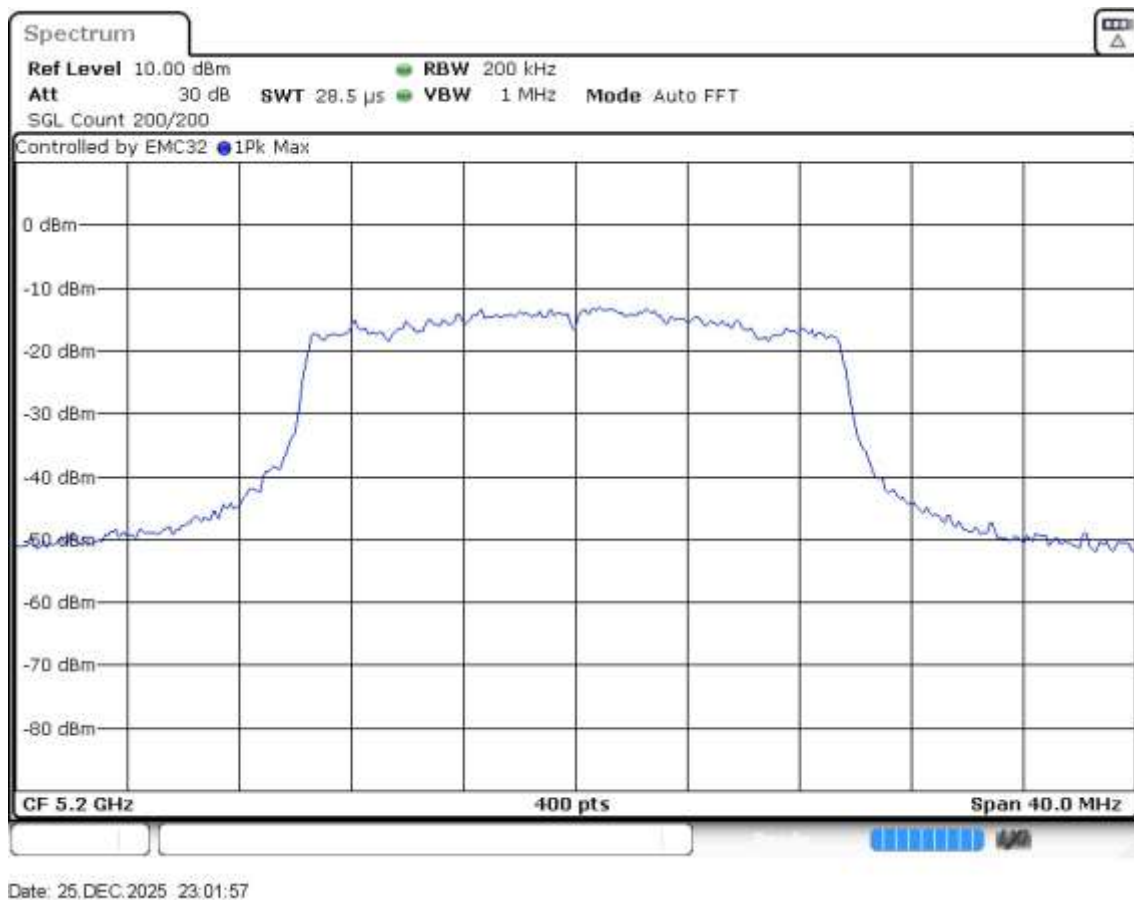
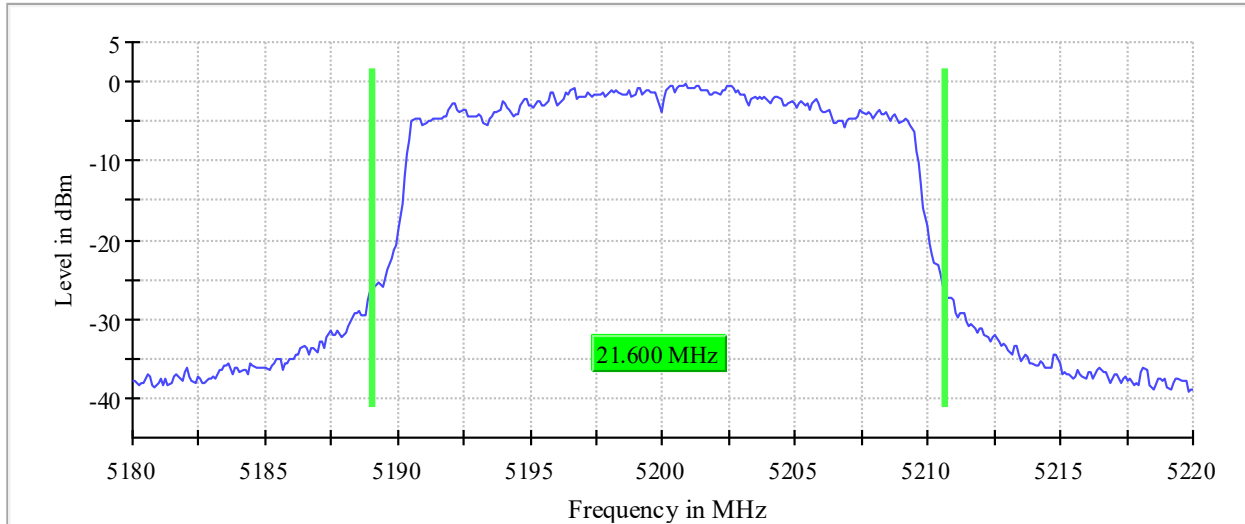


Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

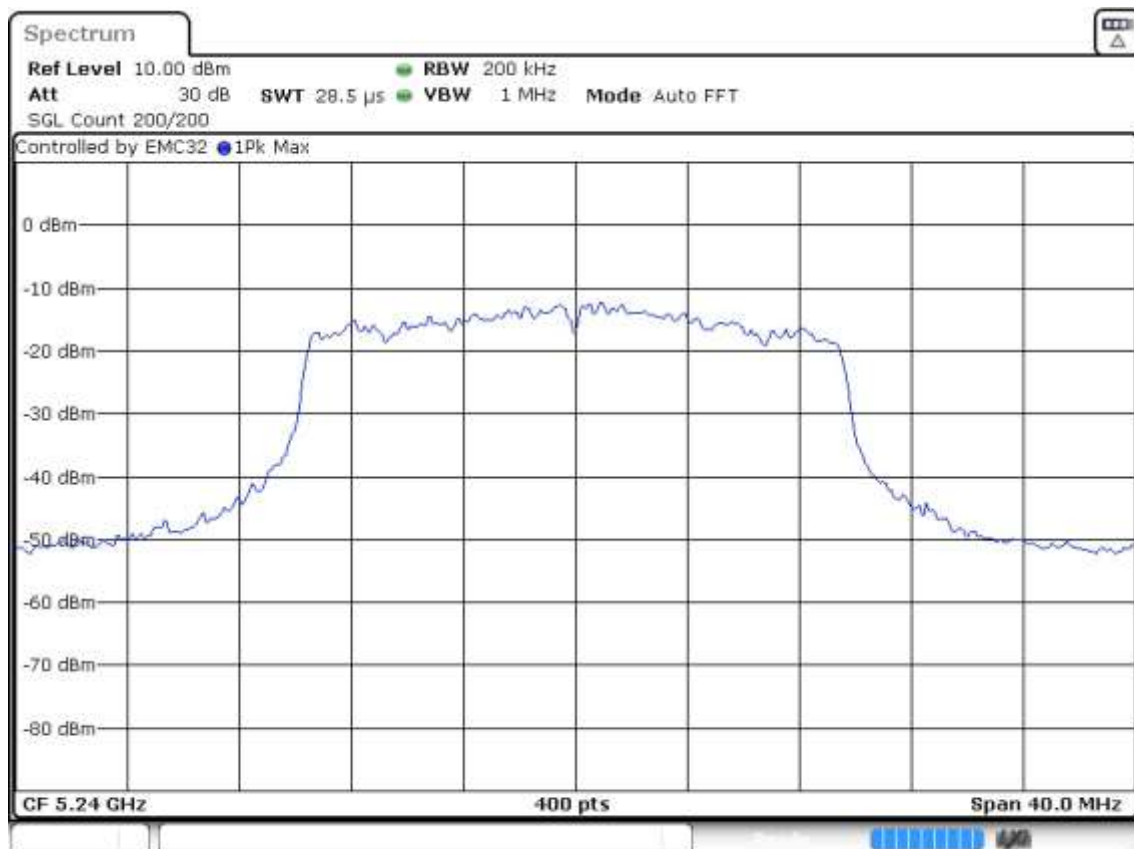
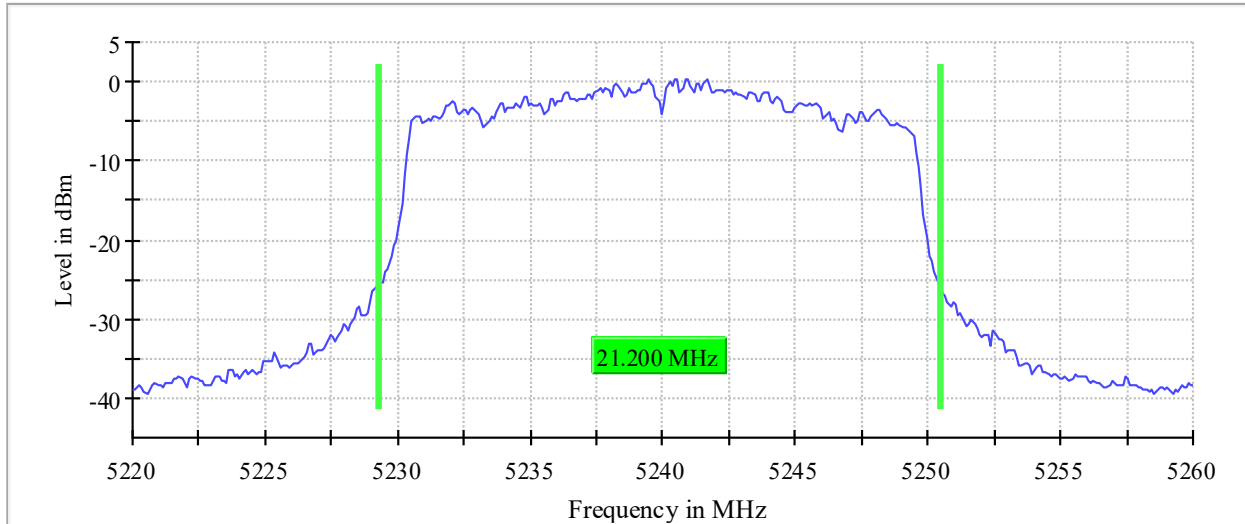


Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth



Date: 26.DEC.2025 10:27:57

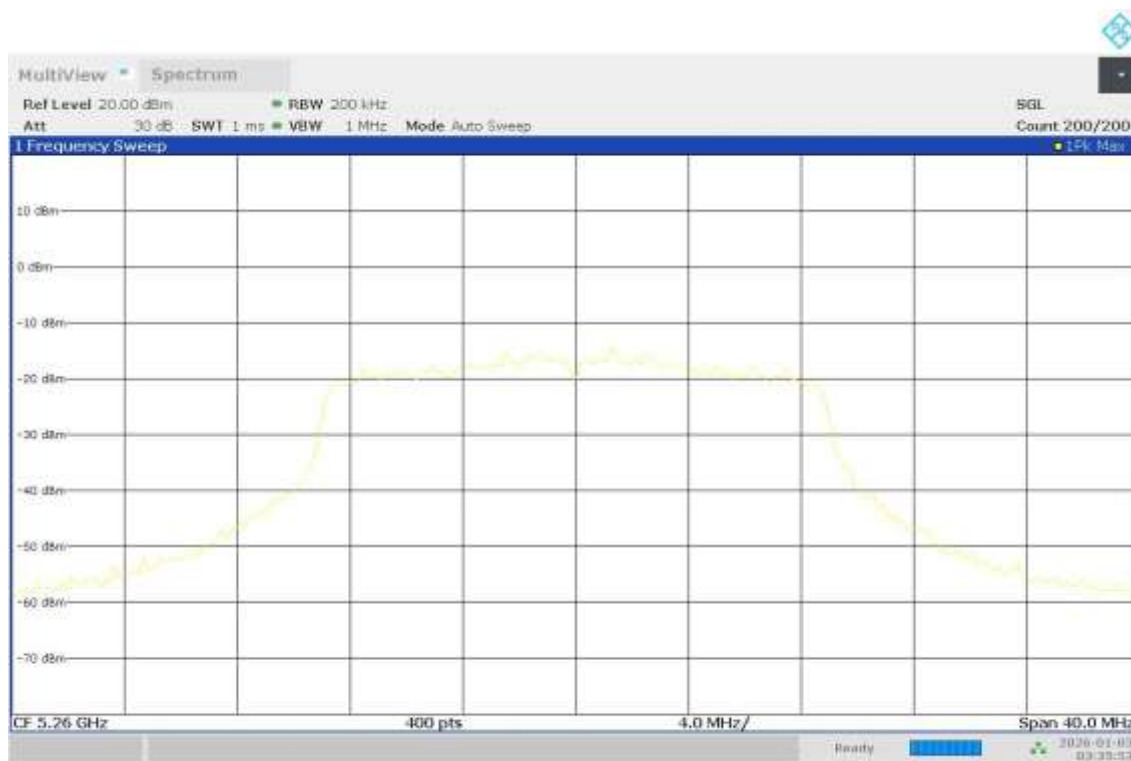
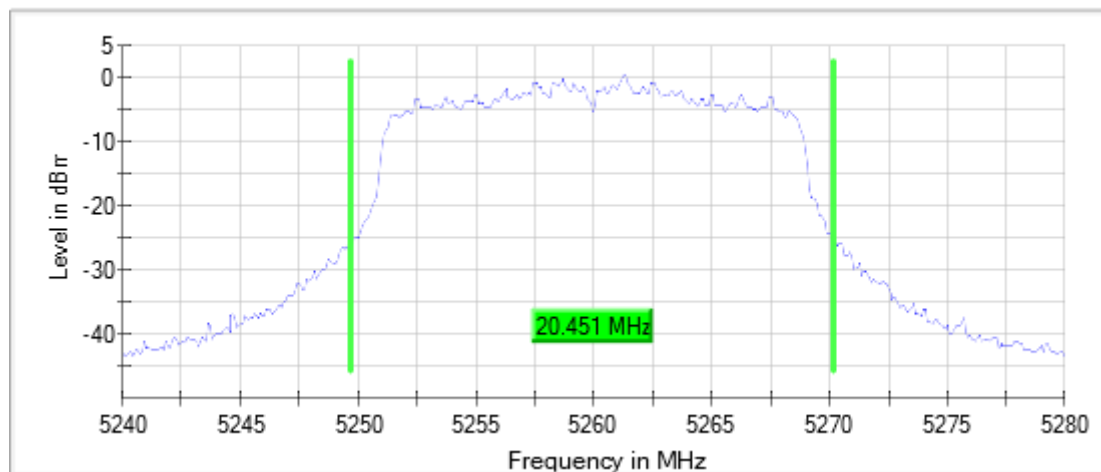
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5260.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

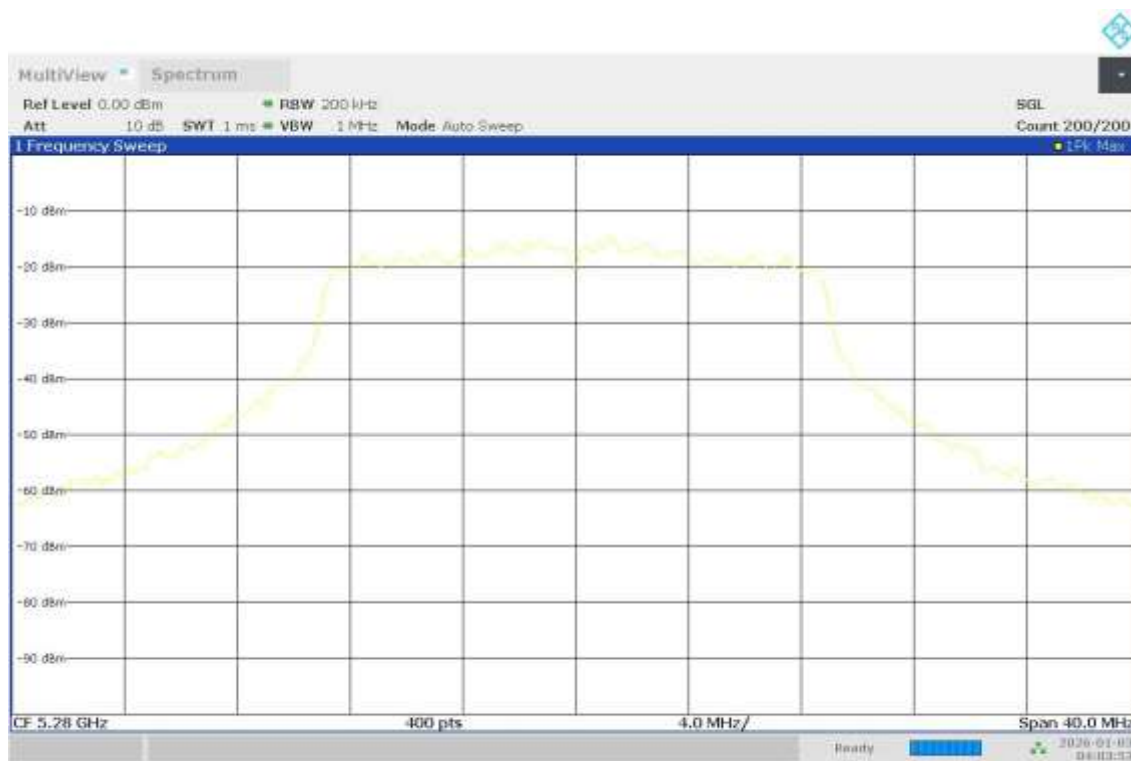
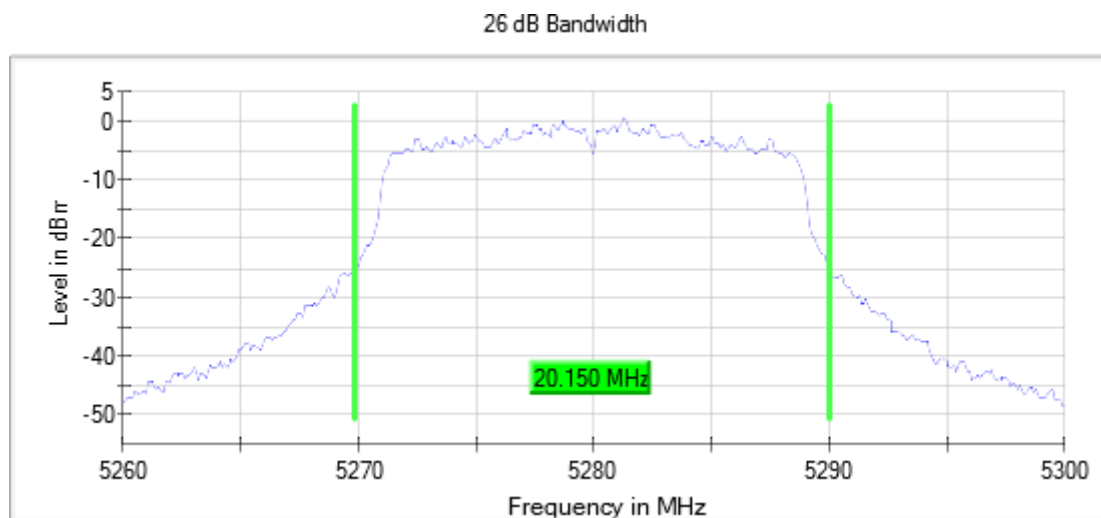


03:35:54 AM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5280.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

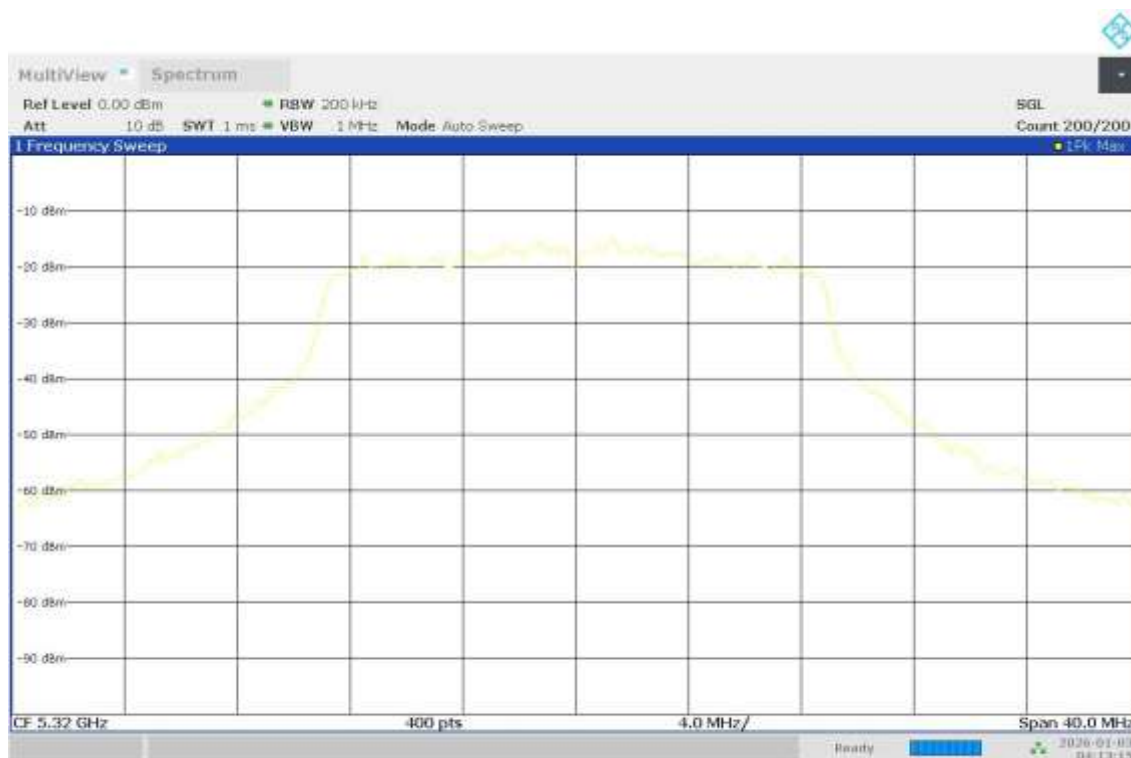
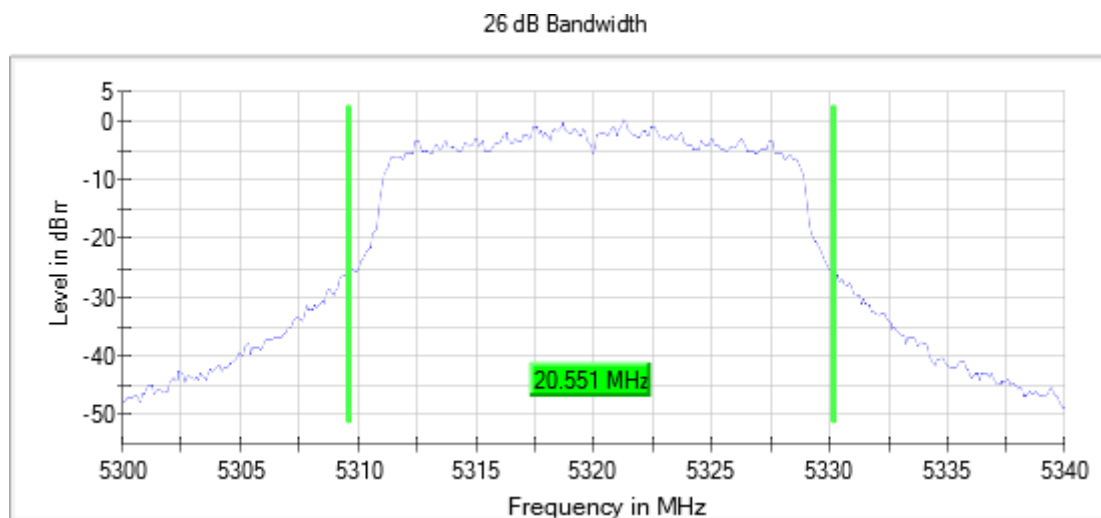


04:03:54 AM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5320.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



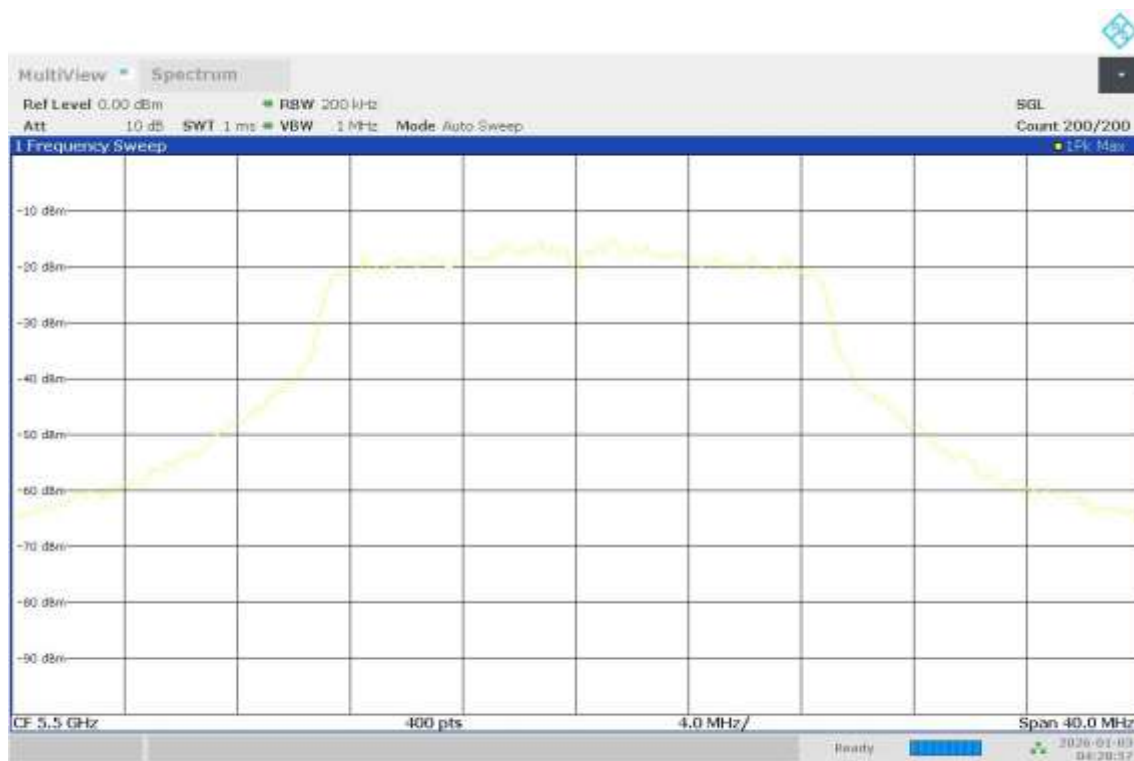
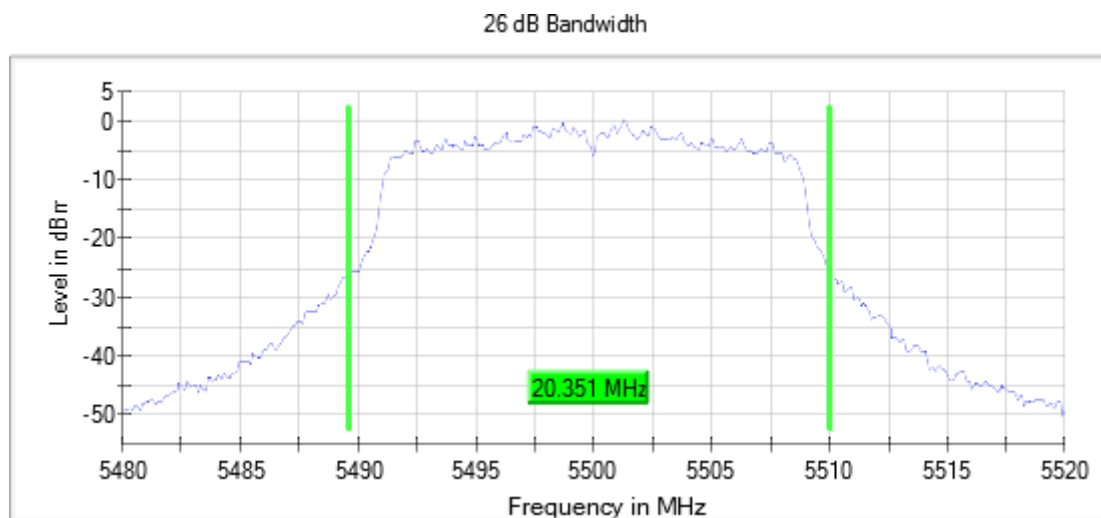
04:13:16 AM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5500.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



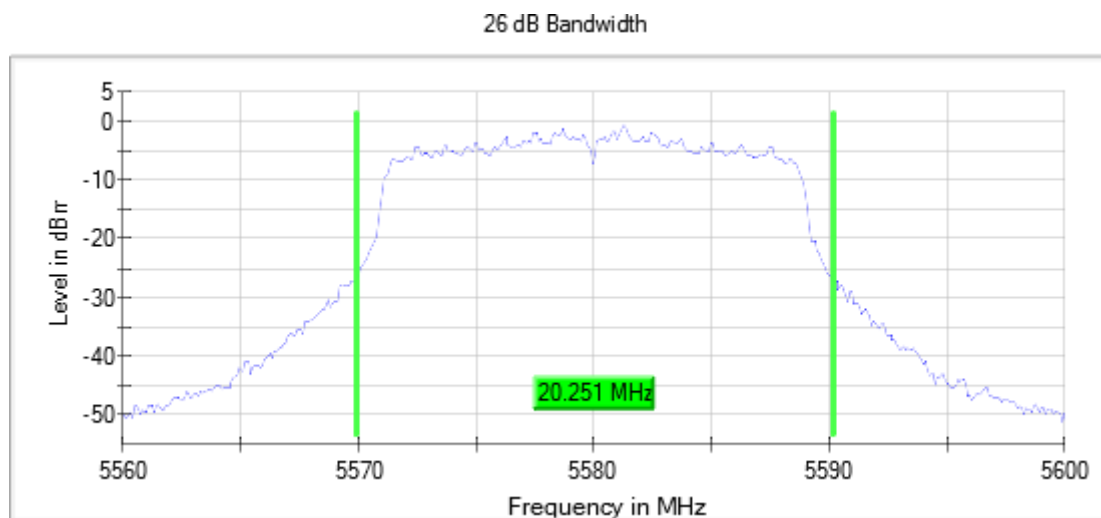
04:28:58 AM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5580.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



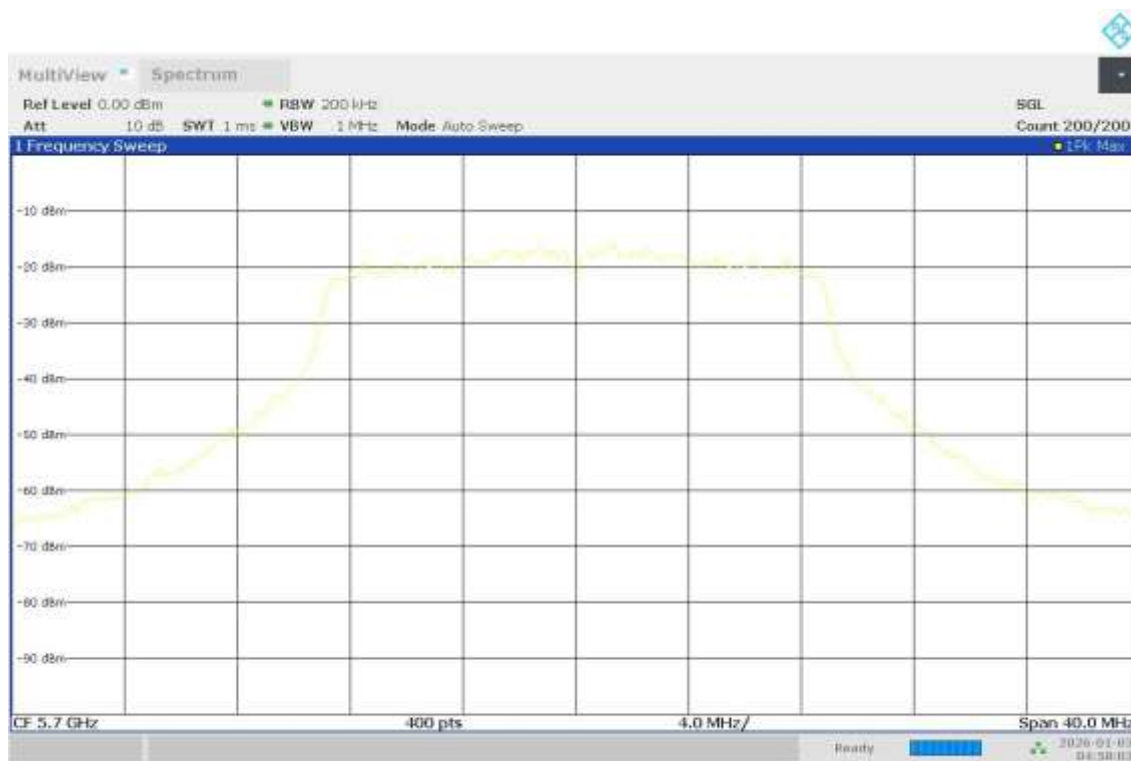
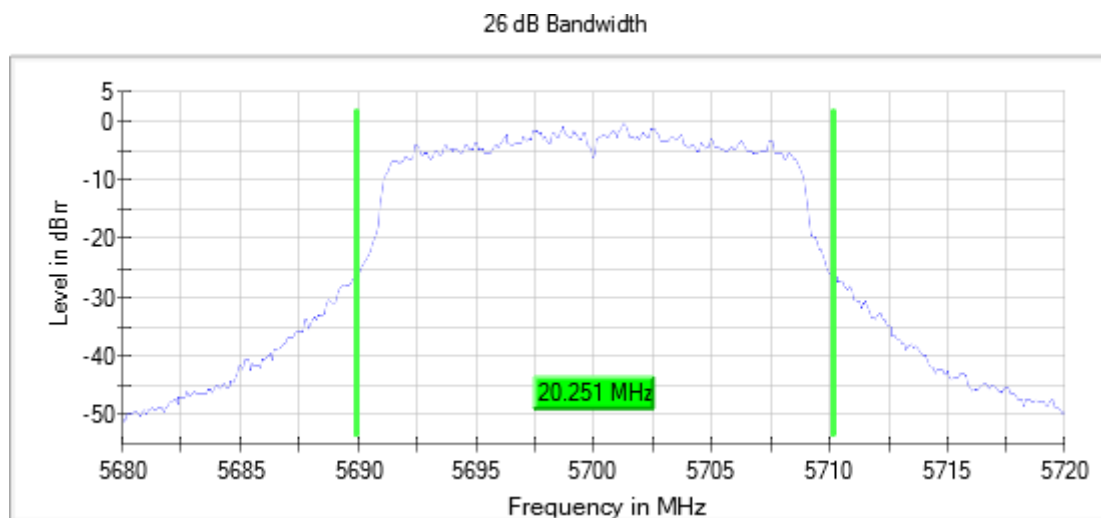
04:46:43 AM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5700.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



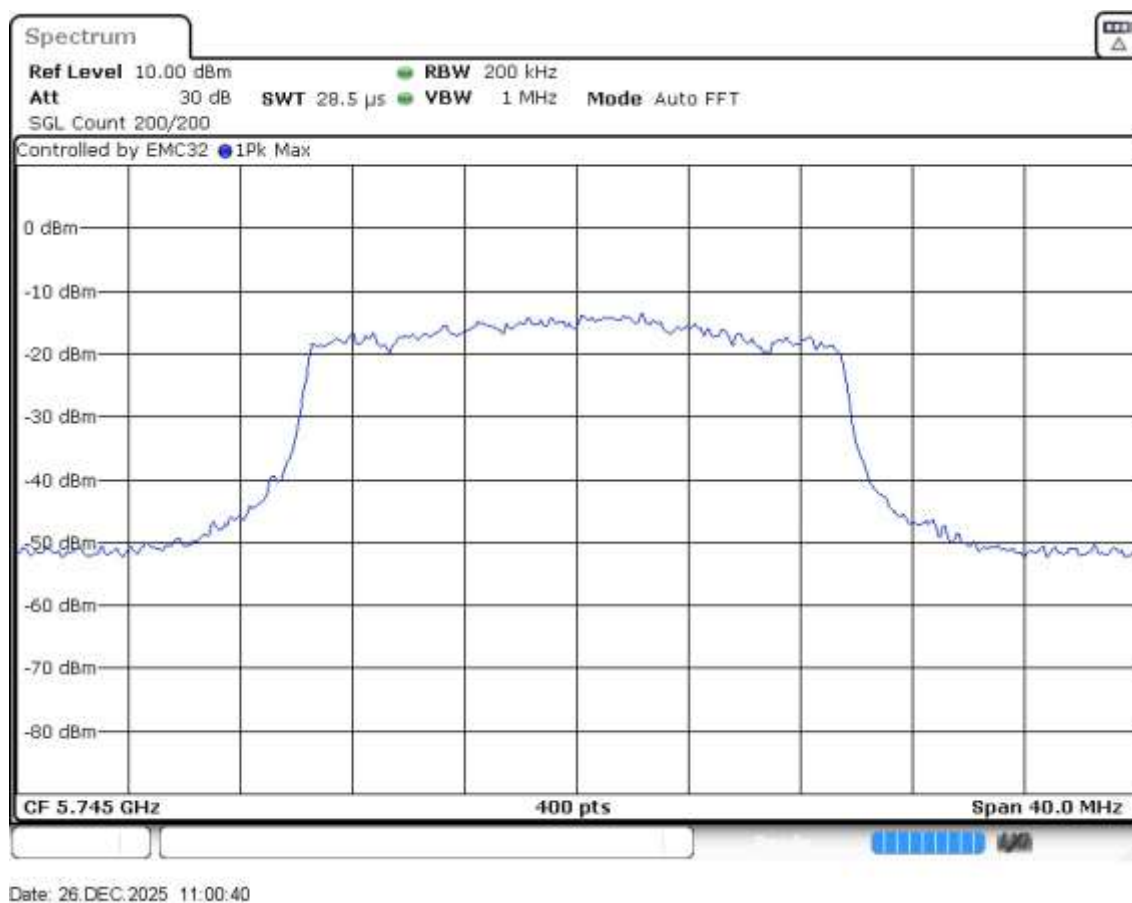
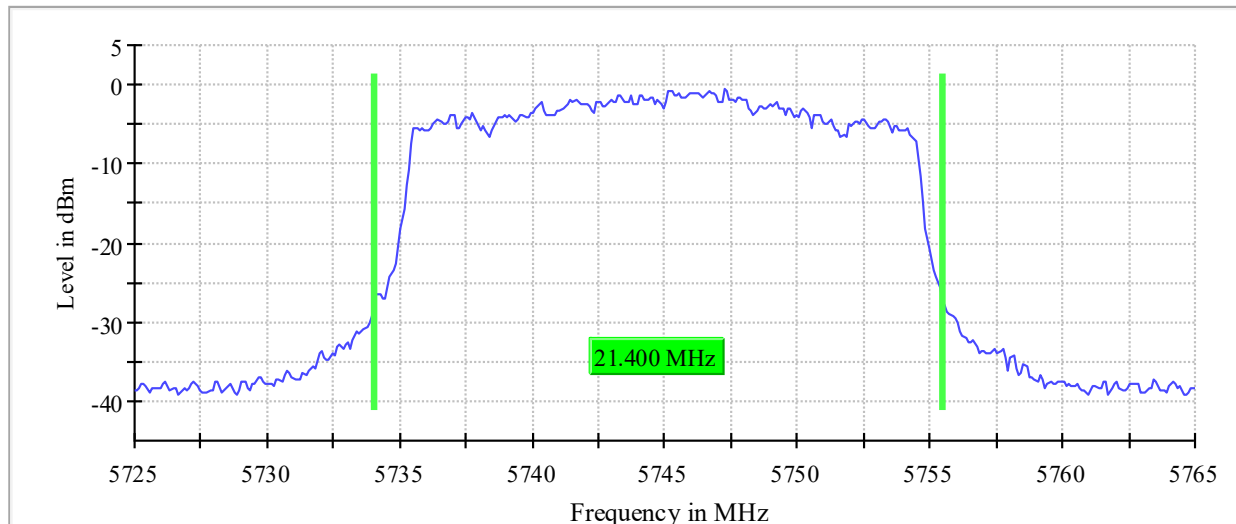
04:58:04 AM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

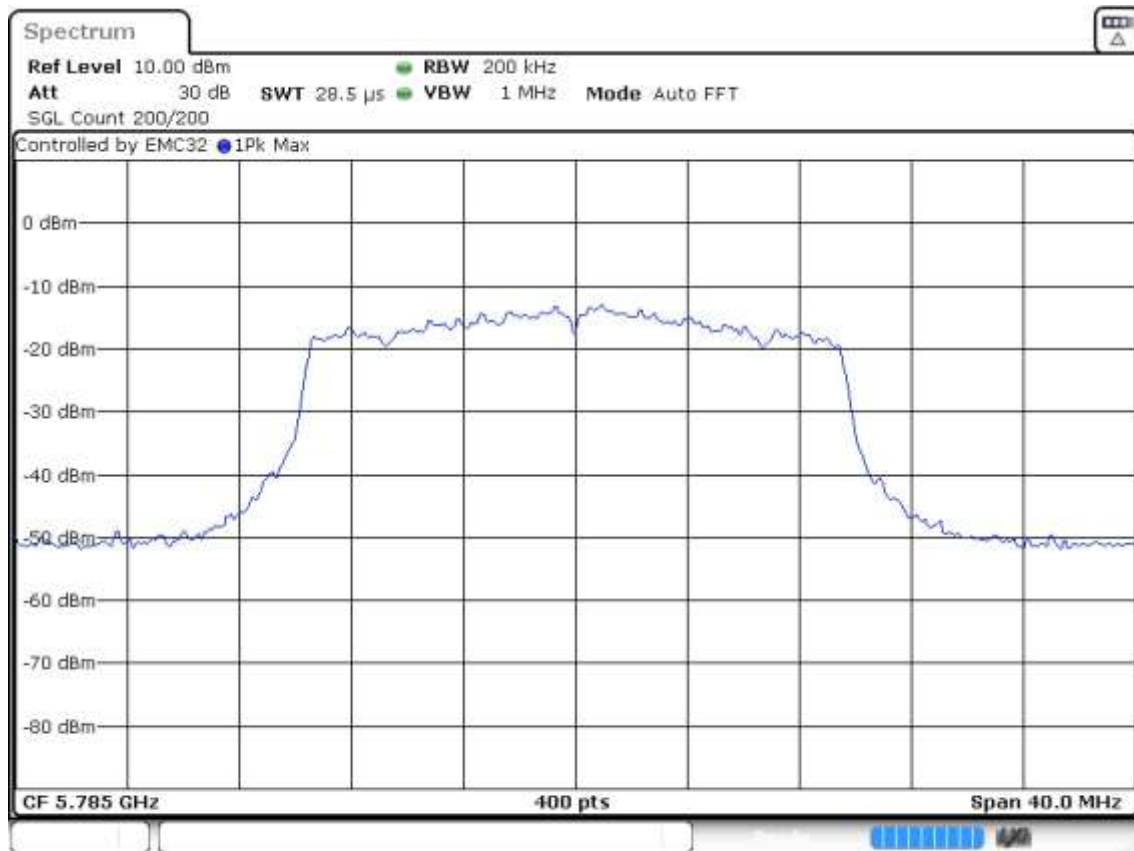
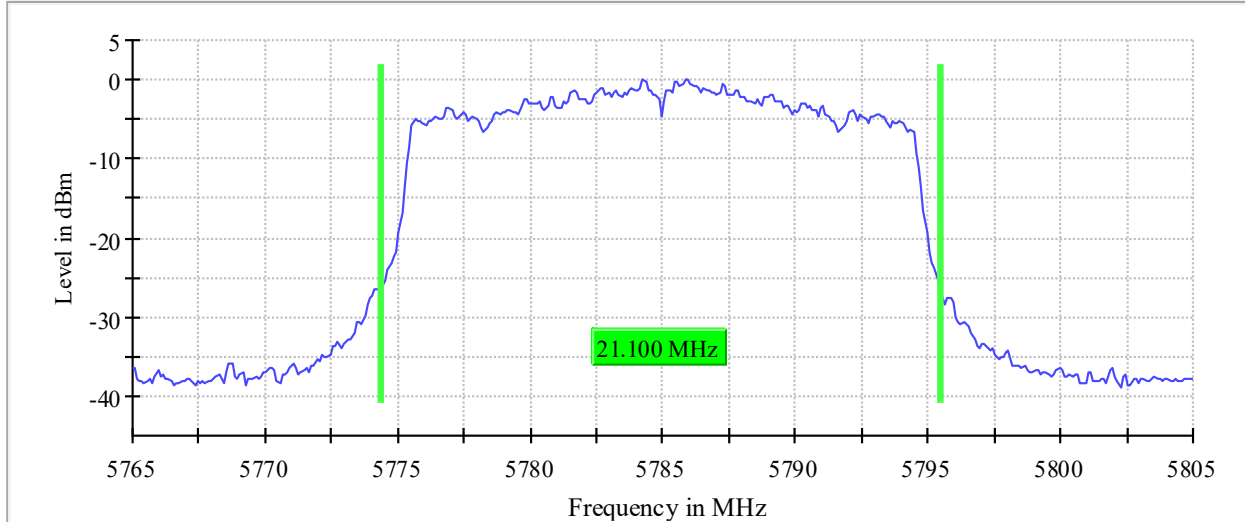


Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth

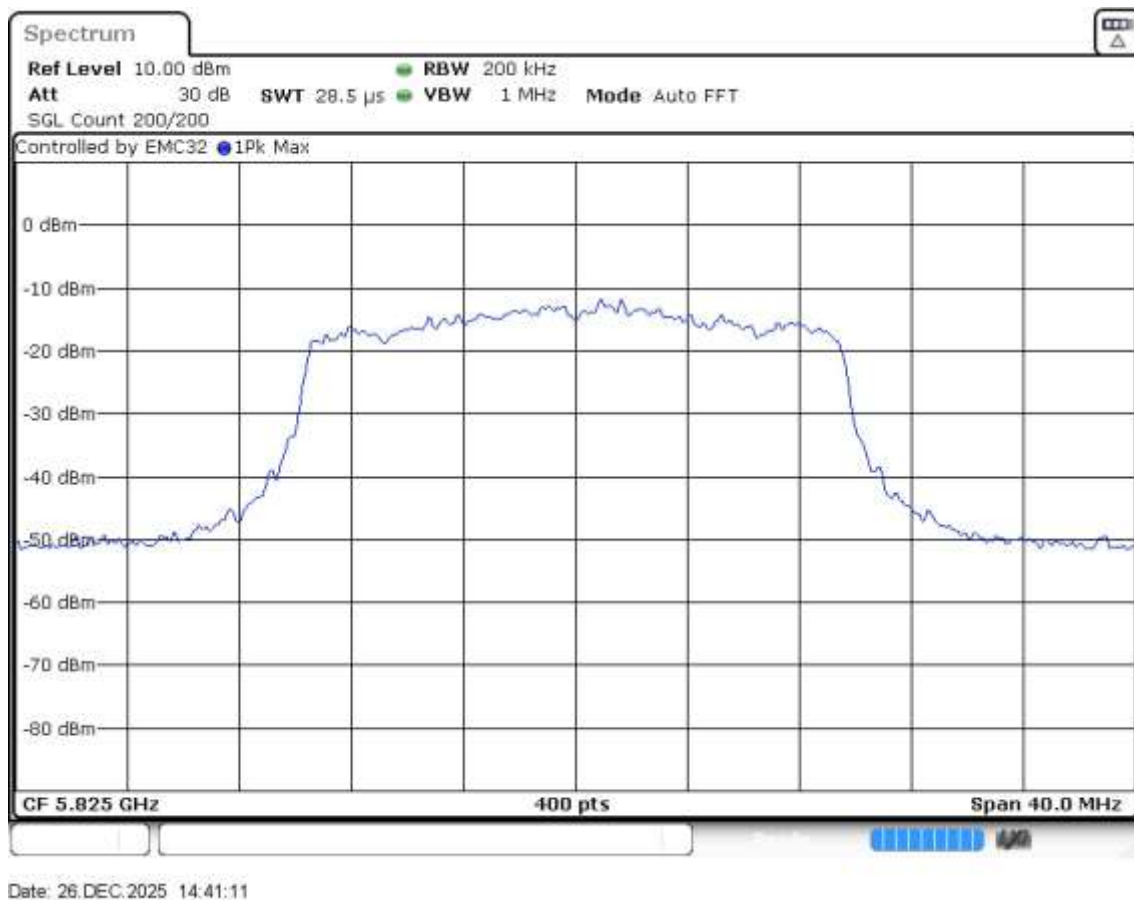
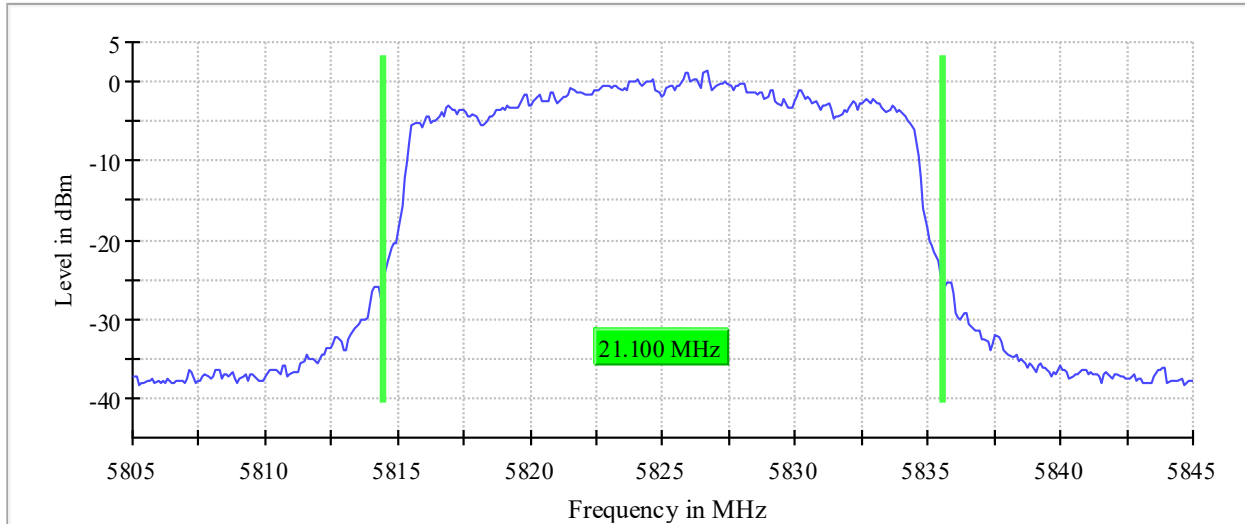


Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:

26 dB Bandwidth



Modulation: 802.11ax HE40 SS1 (OFDMA MCS11)

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1	5190.00000	39.925
		5230.00000	40.075
		5270.00000	39.775
		5310.00000	40.225
		5510.00000	39.925
		5550.00000	39.625
		5670.00000	39.625
		5755.00000	40.225
		5795.00000	40.075
	2	5190.00000	40.075
		5230.00000	39.625
		5270.00000	39.925
		5310.00000	40.225
		5510.00000	39.625
		5550.00000	39.775
		5670.00000	39.925
		5755.00000	39.625
		5795.00000	39.925

Verdict

Pass

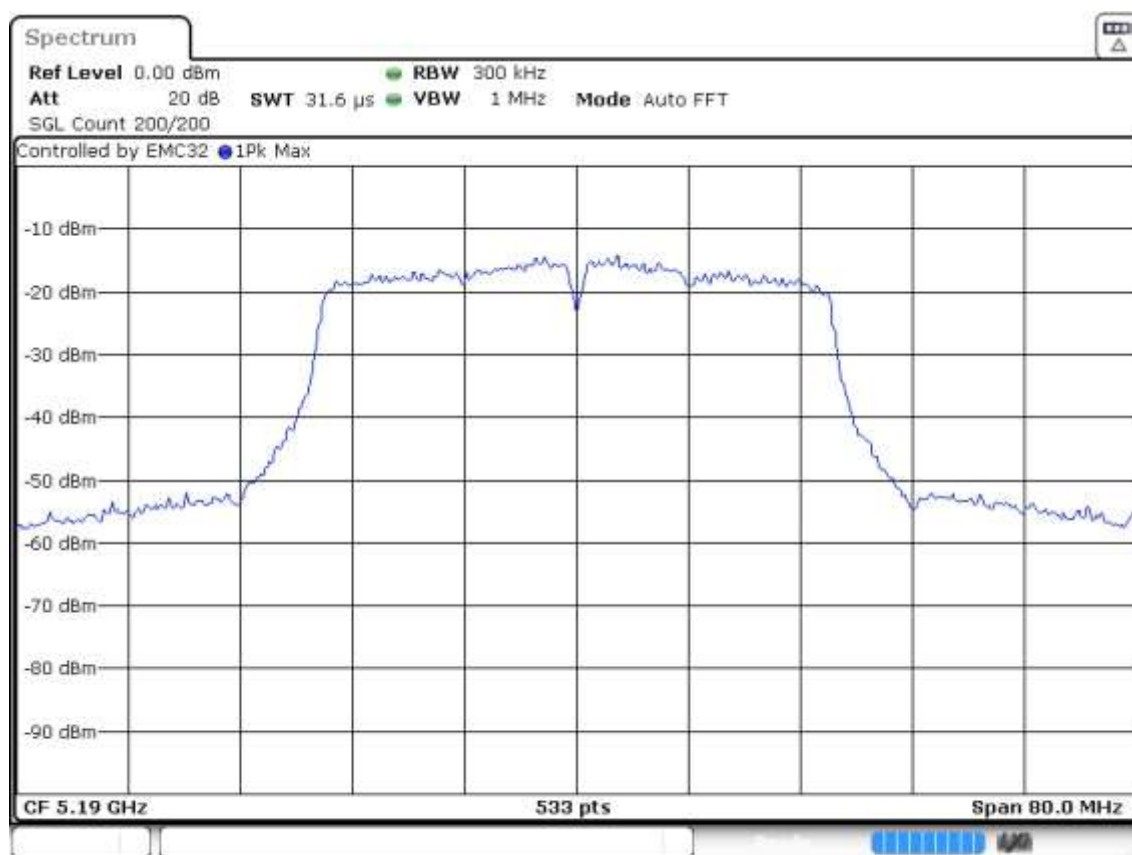
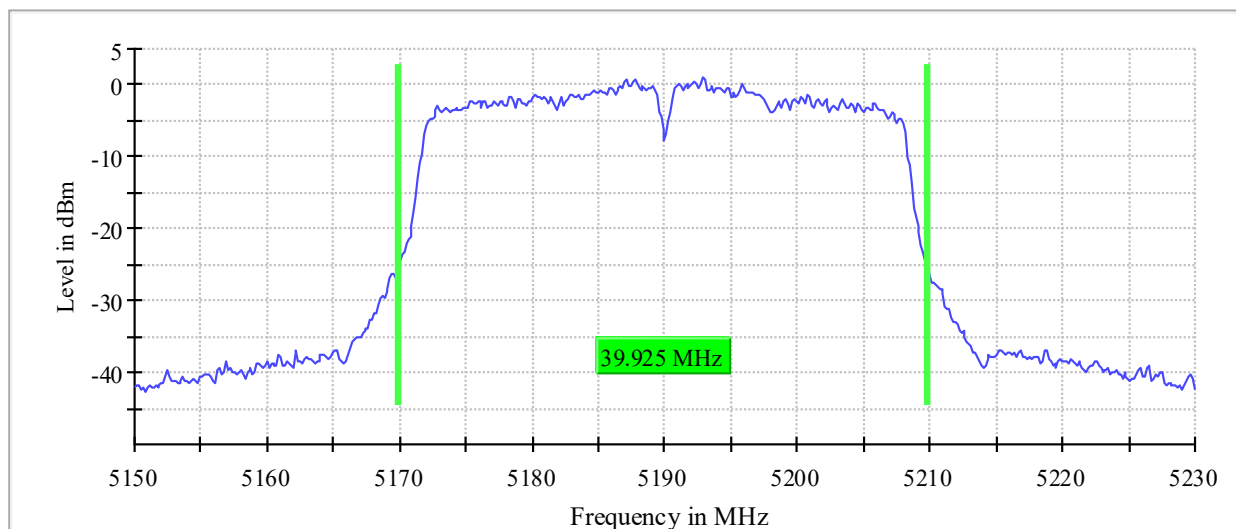
Attachments

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

Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



Date: 15 JAN 2026 11:02:28

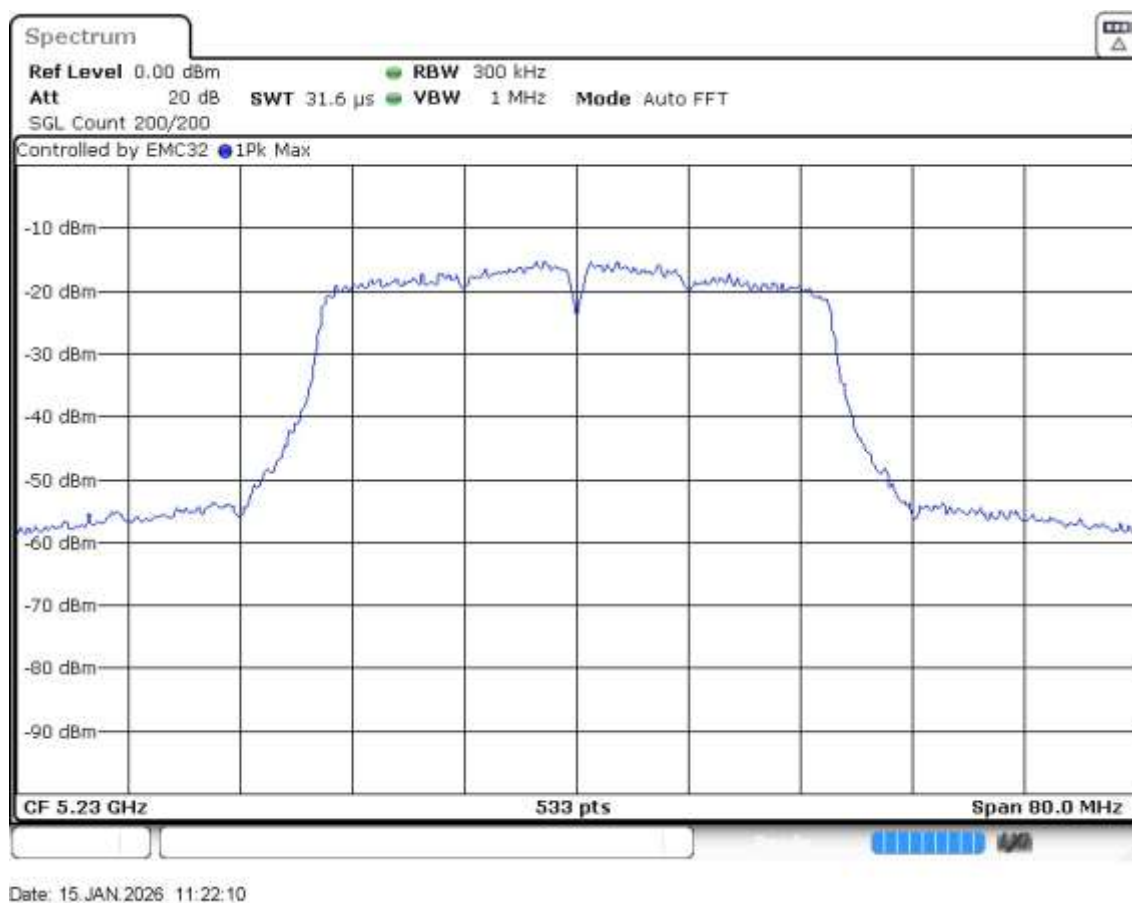
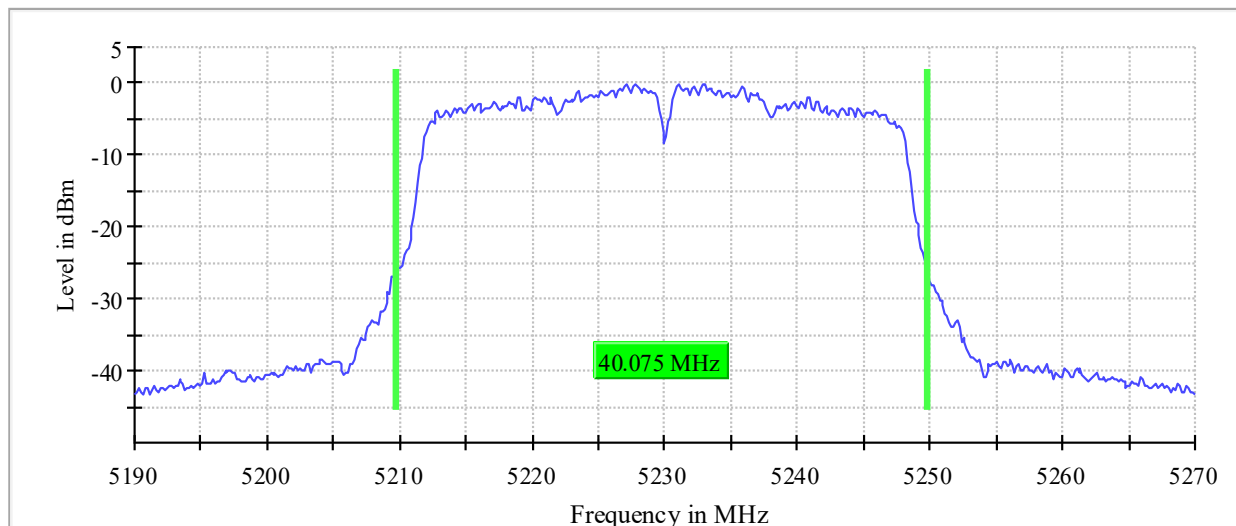
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

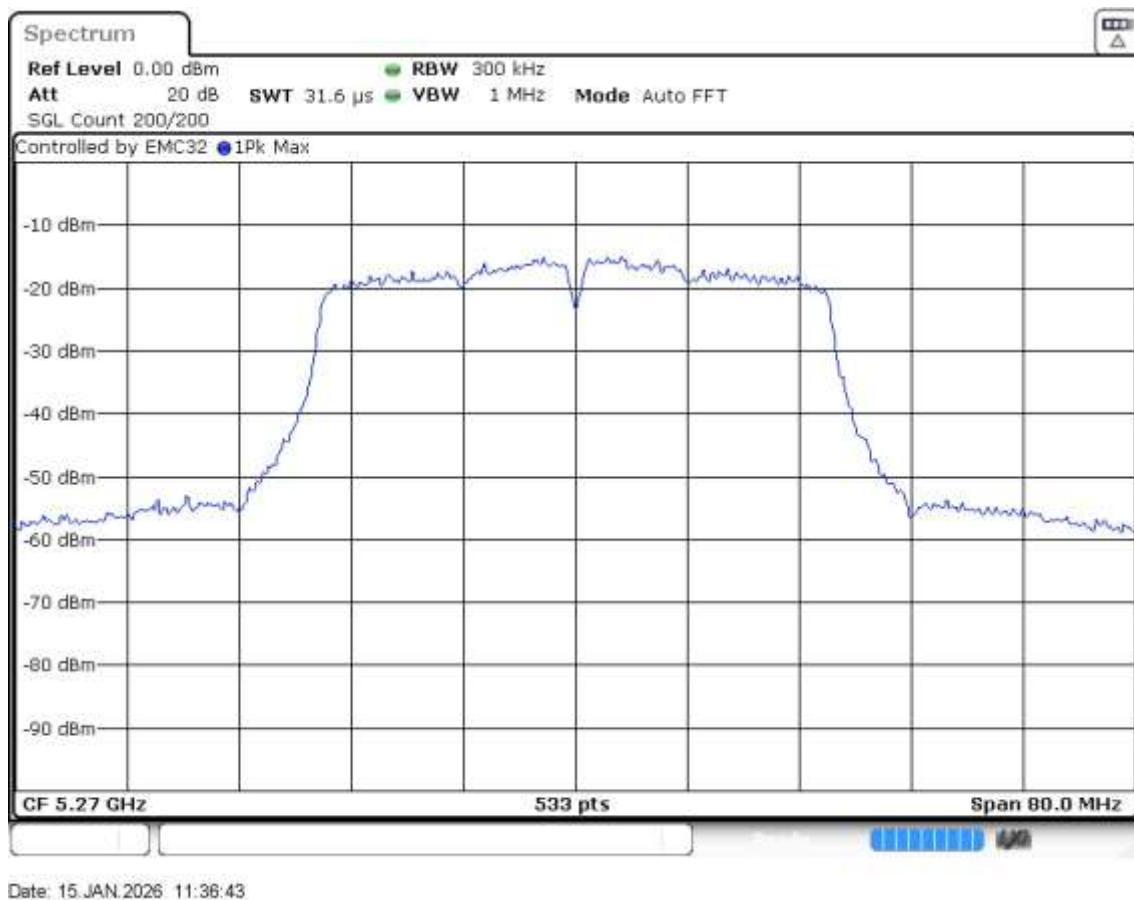
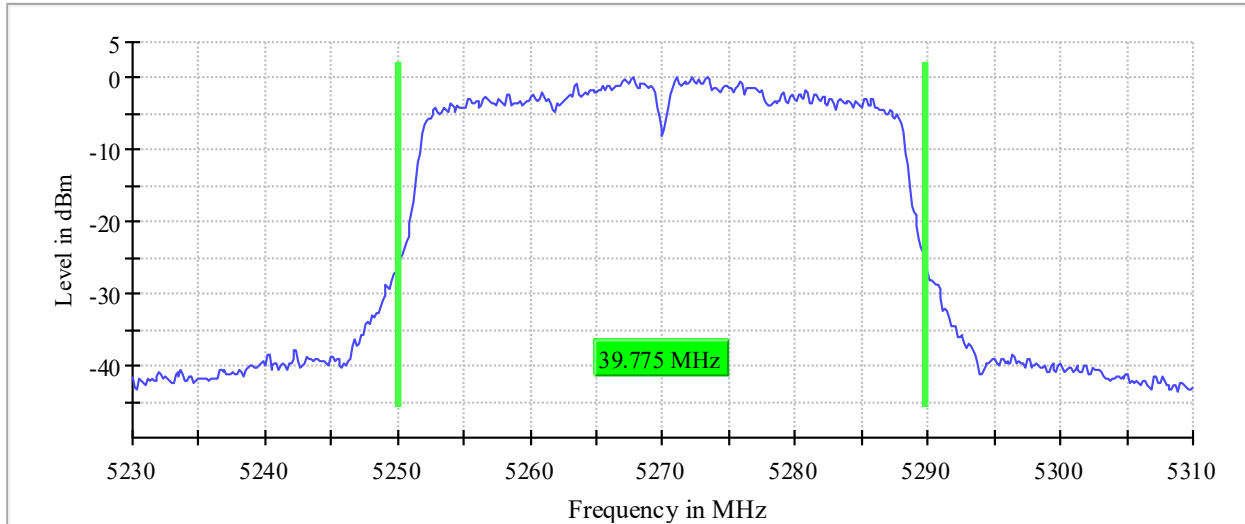


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5270.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



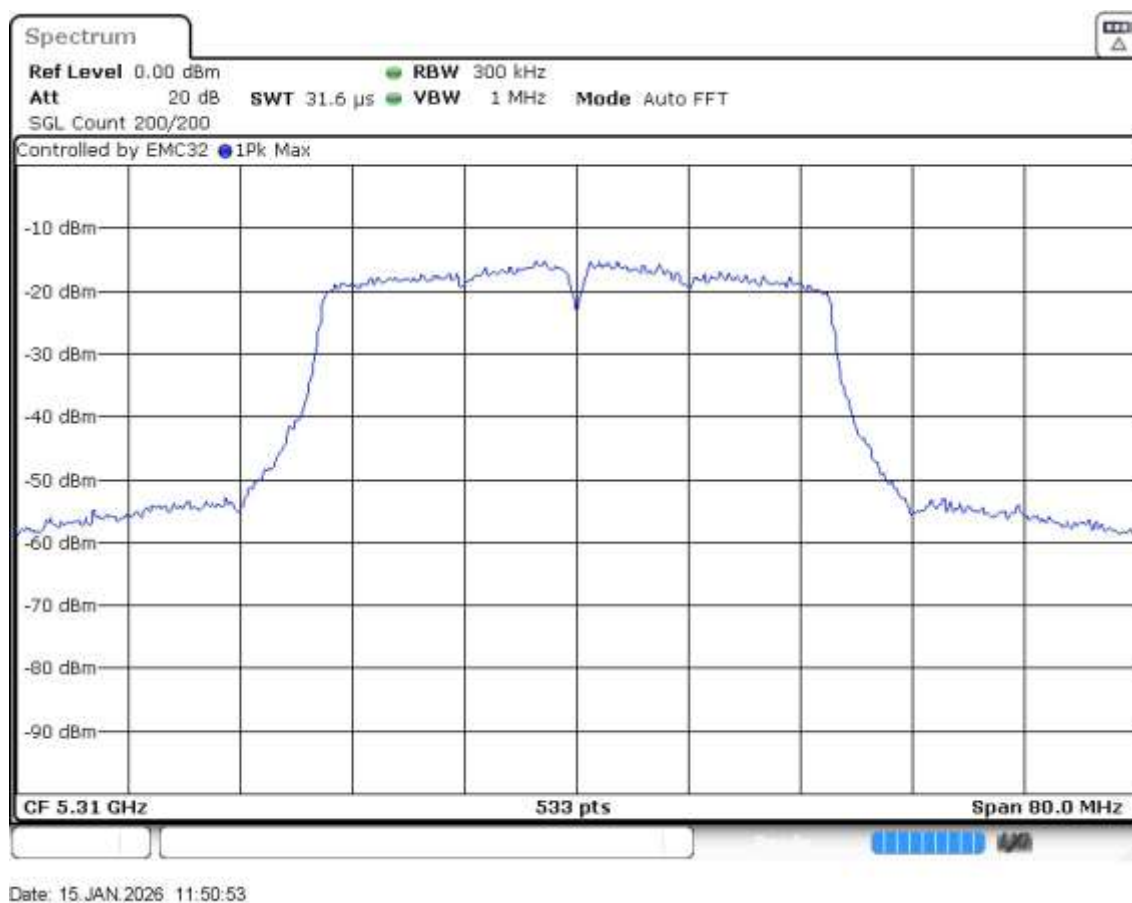
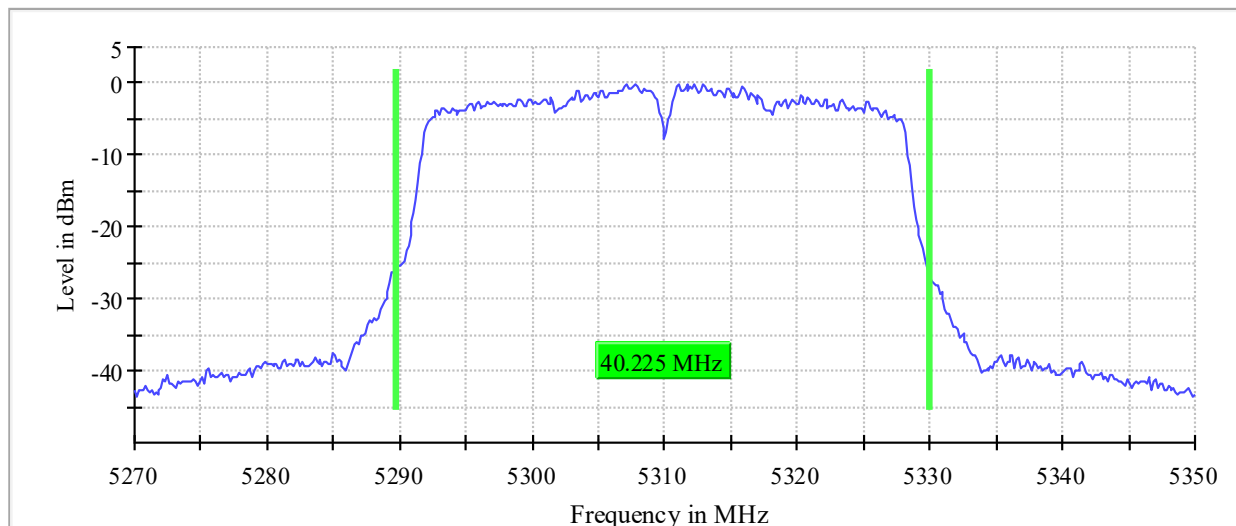
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5310.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



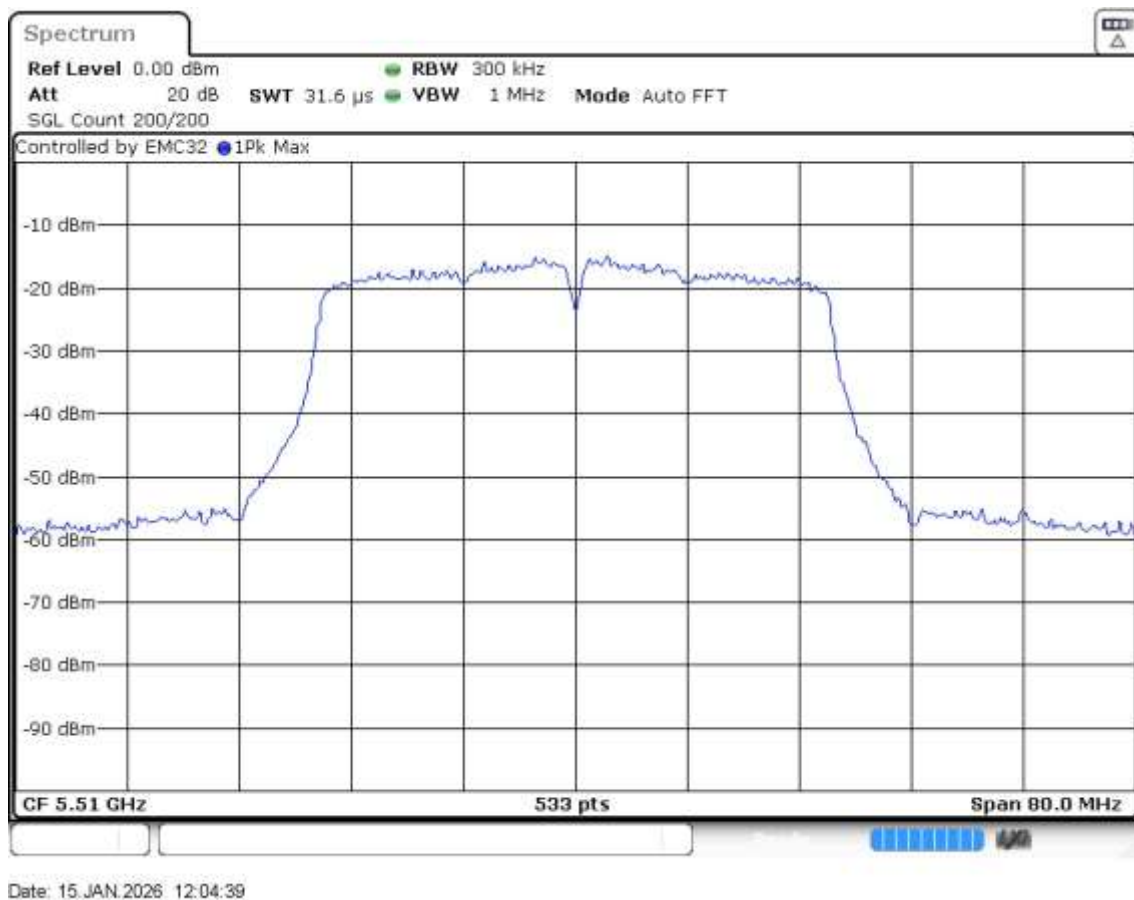
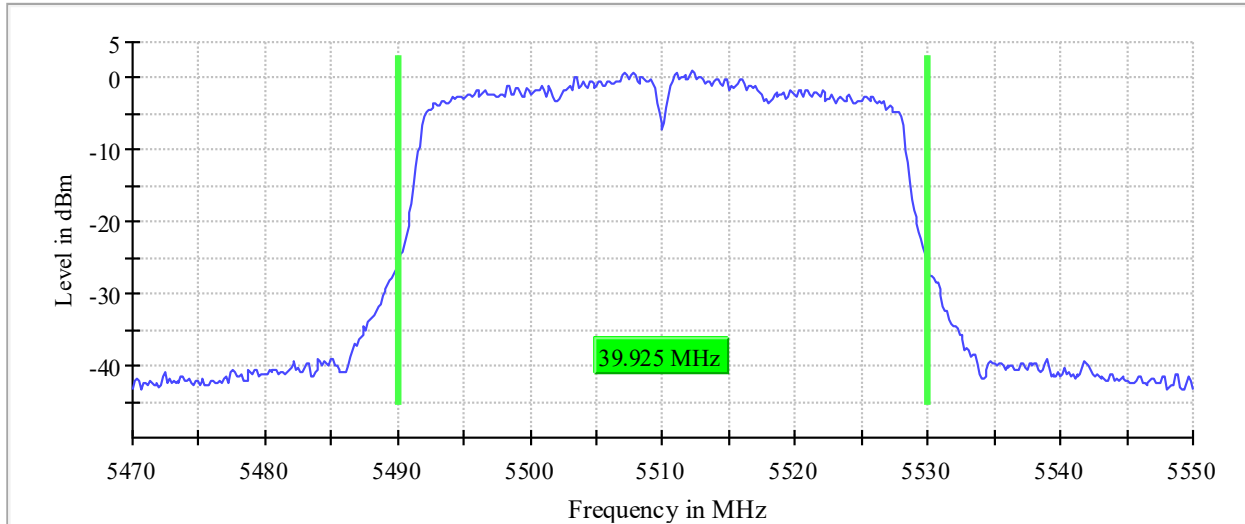
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5510.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

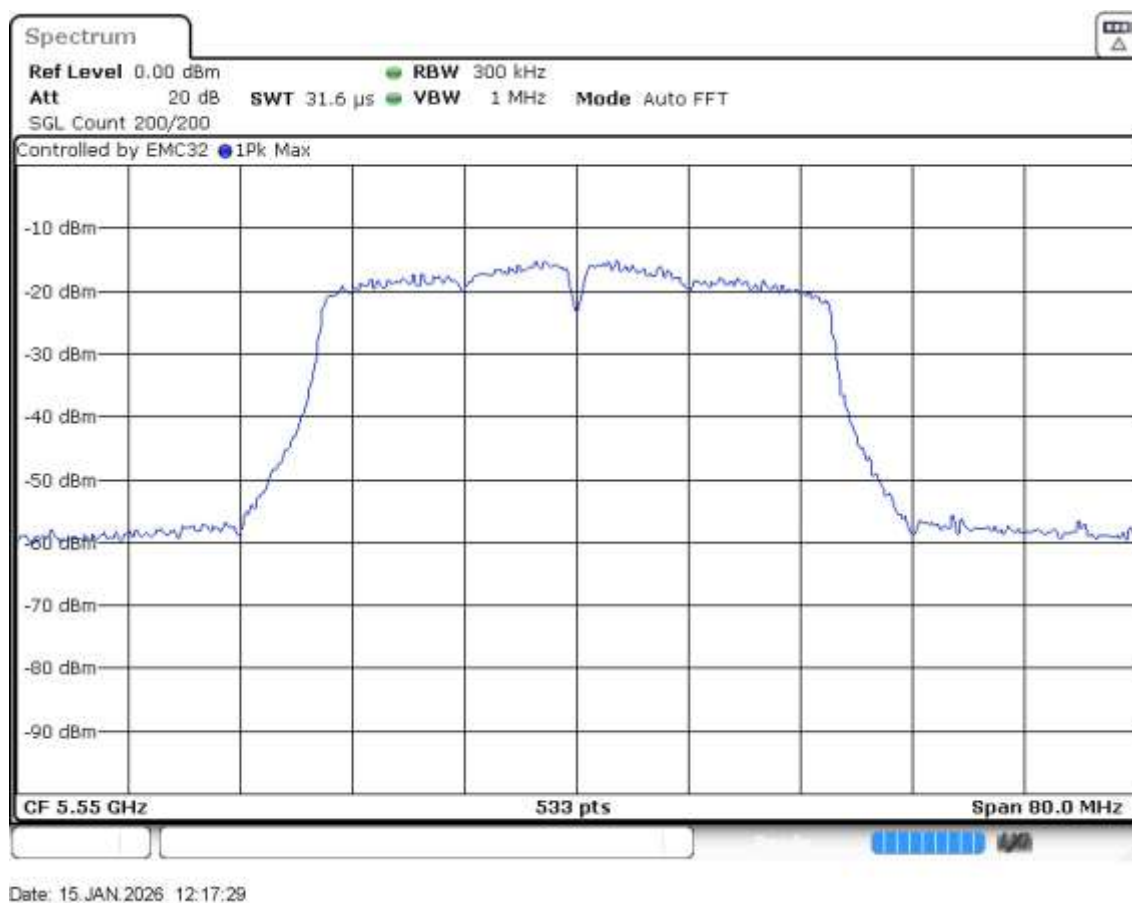


Frequency MHz = 5550.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

The graph displays the power level in dBm on the y-axis (ranging from -50 to 5) against the frequency in MHz on the x-axis (ranging from 5510 to 5590). A blue line represents the power spectrum. The power is approximately -45 dBm for frequencies below 5530 MHz and above 5570 MHz. Between 5530 MHz and 5570 MHz, the power rises to a plateau between -5 dBm and 0 dBm. Two vertical green lines are drawn at 5530 MHz and 5570 MHz. A green box labeled '39.625 MHz' is located below the x-axis, indicating the bandwidth of the active band.



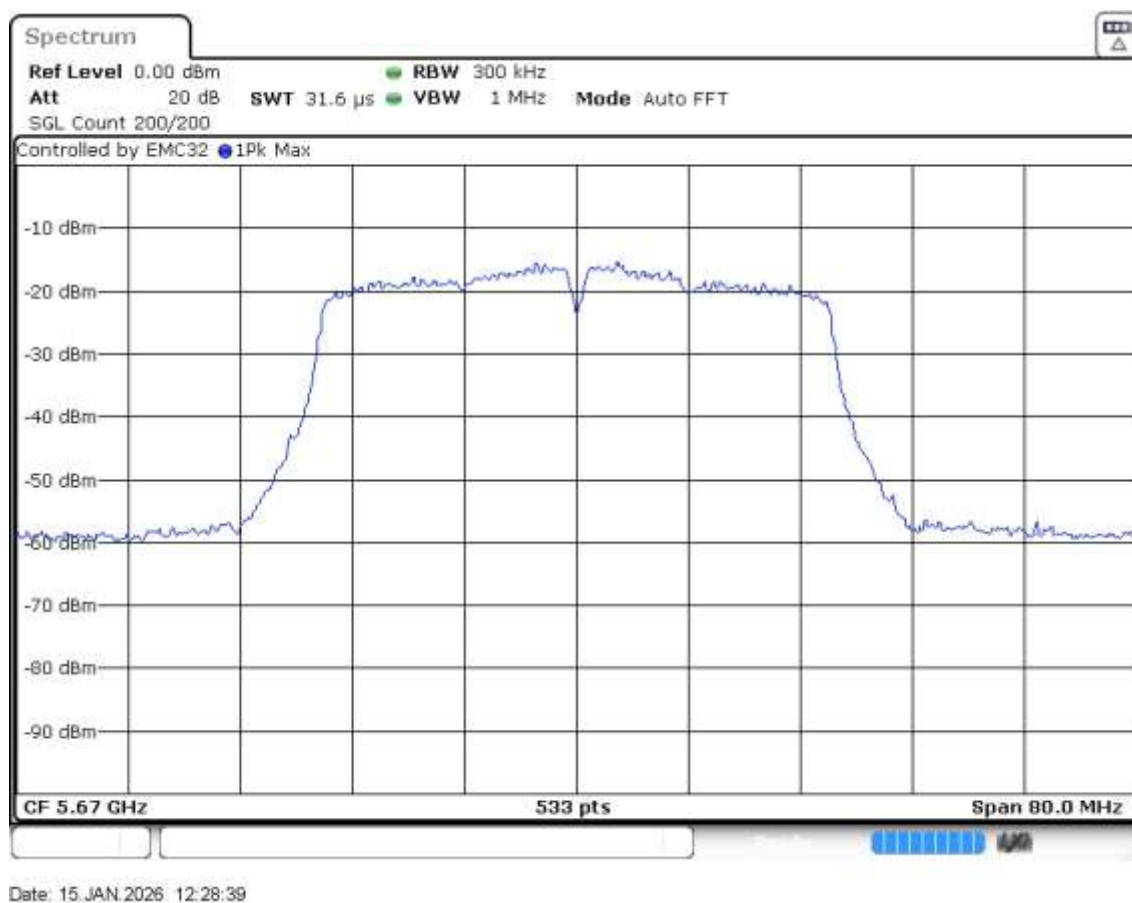
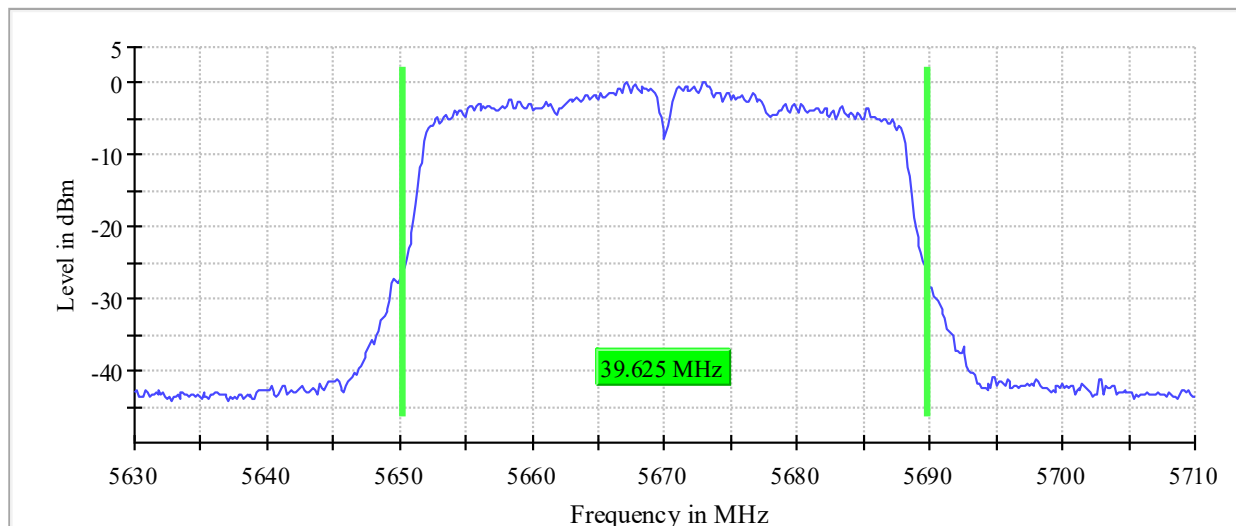
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5670.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

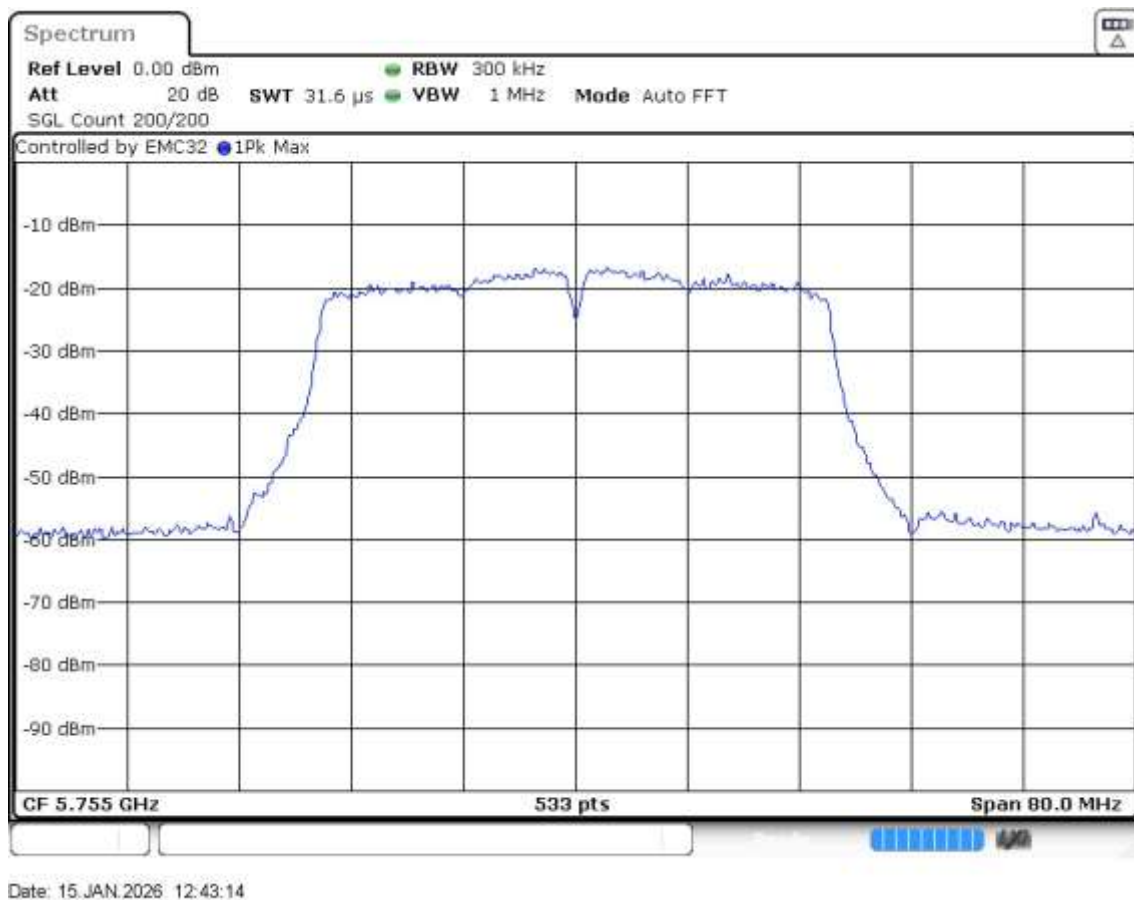
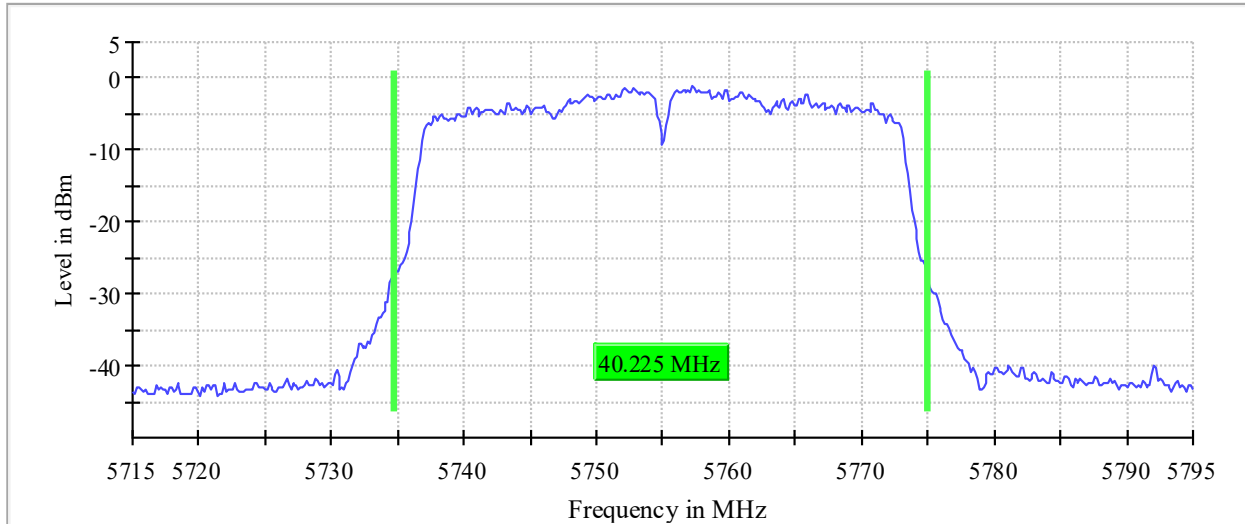


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

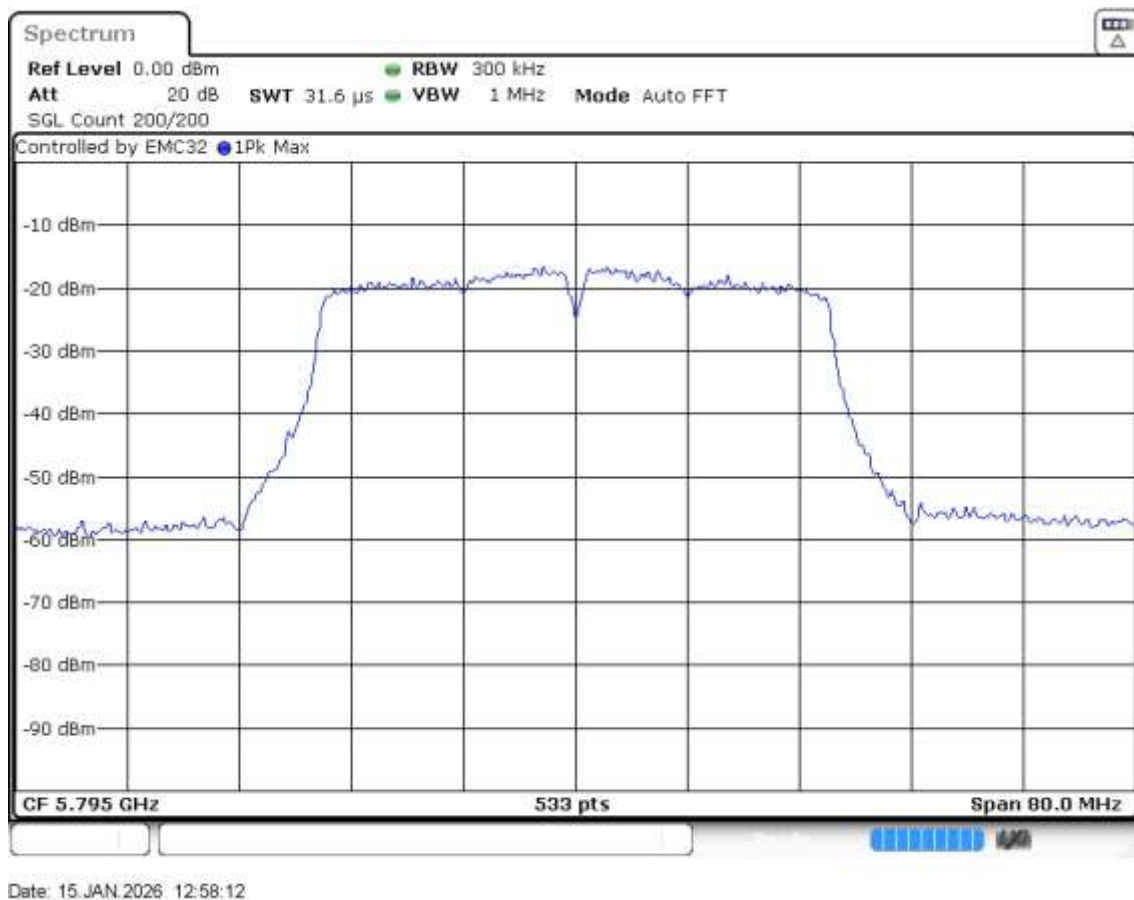
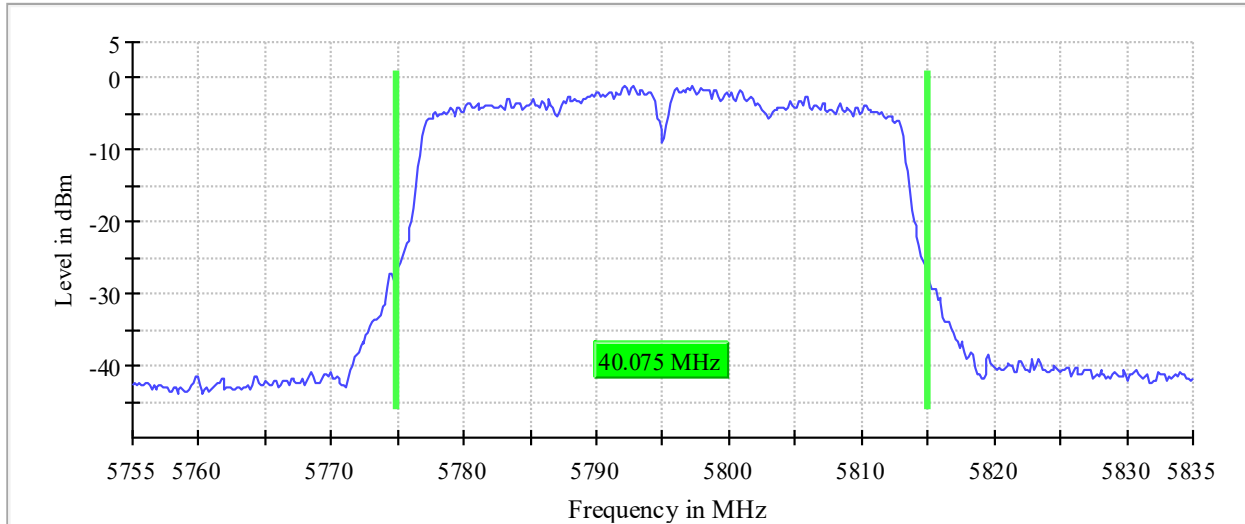


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



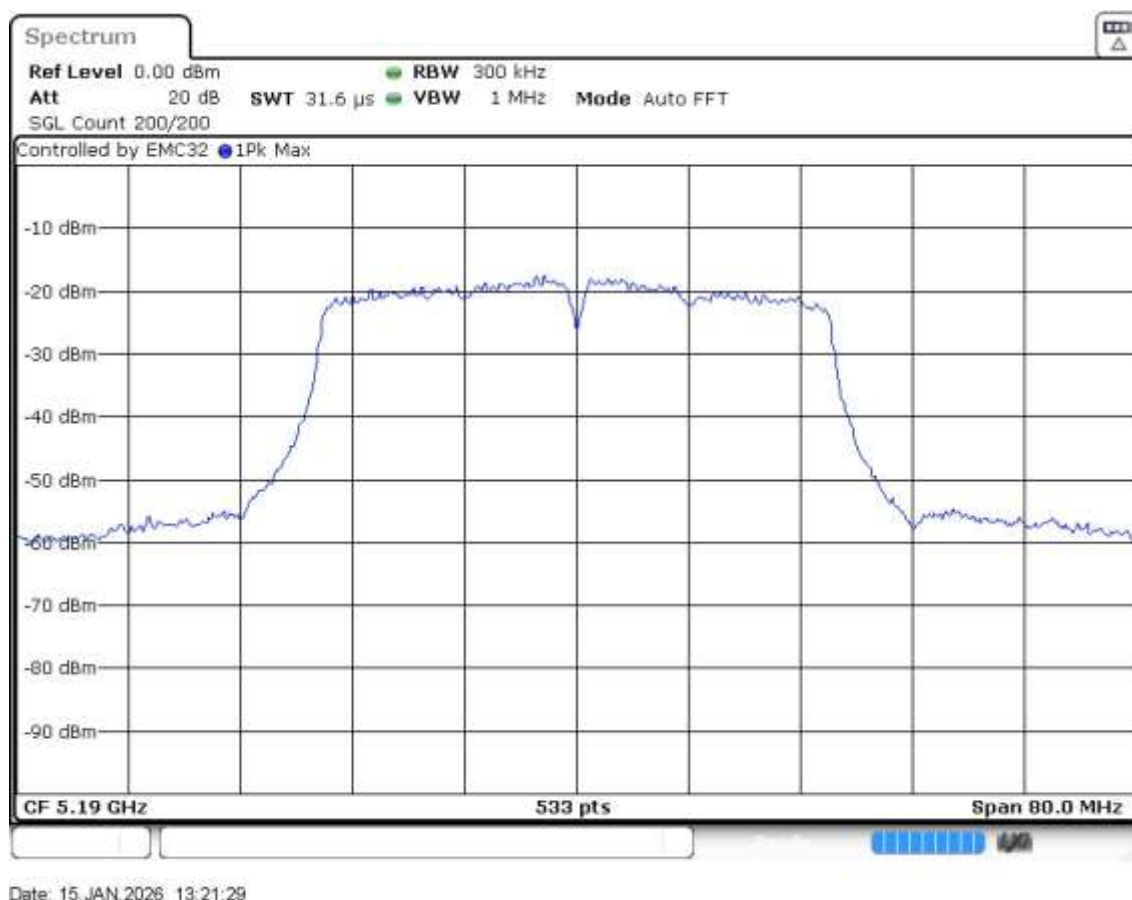
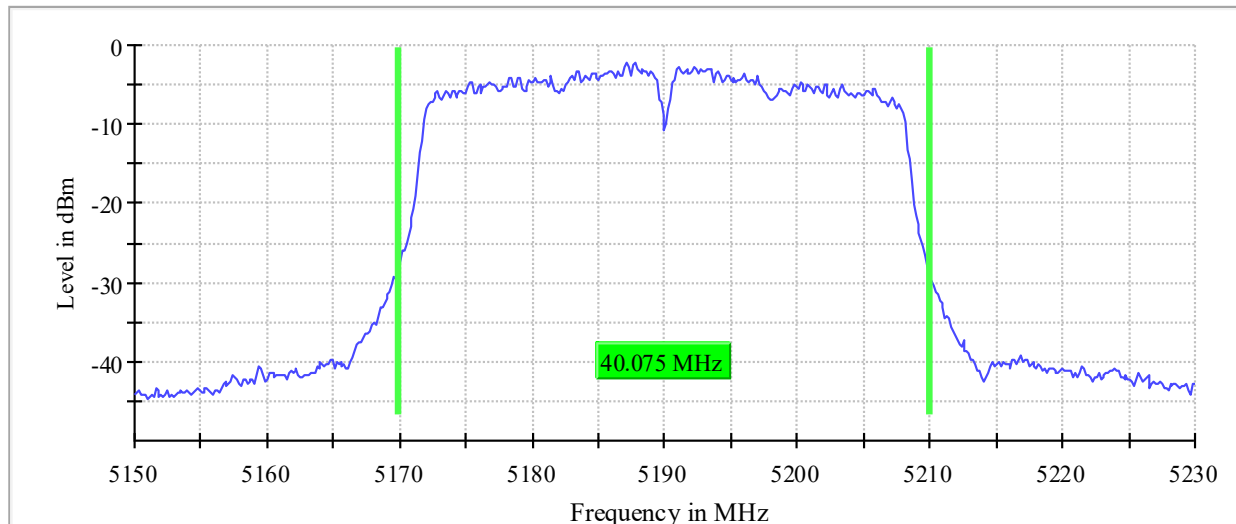
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5190.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



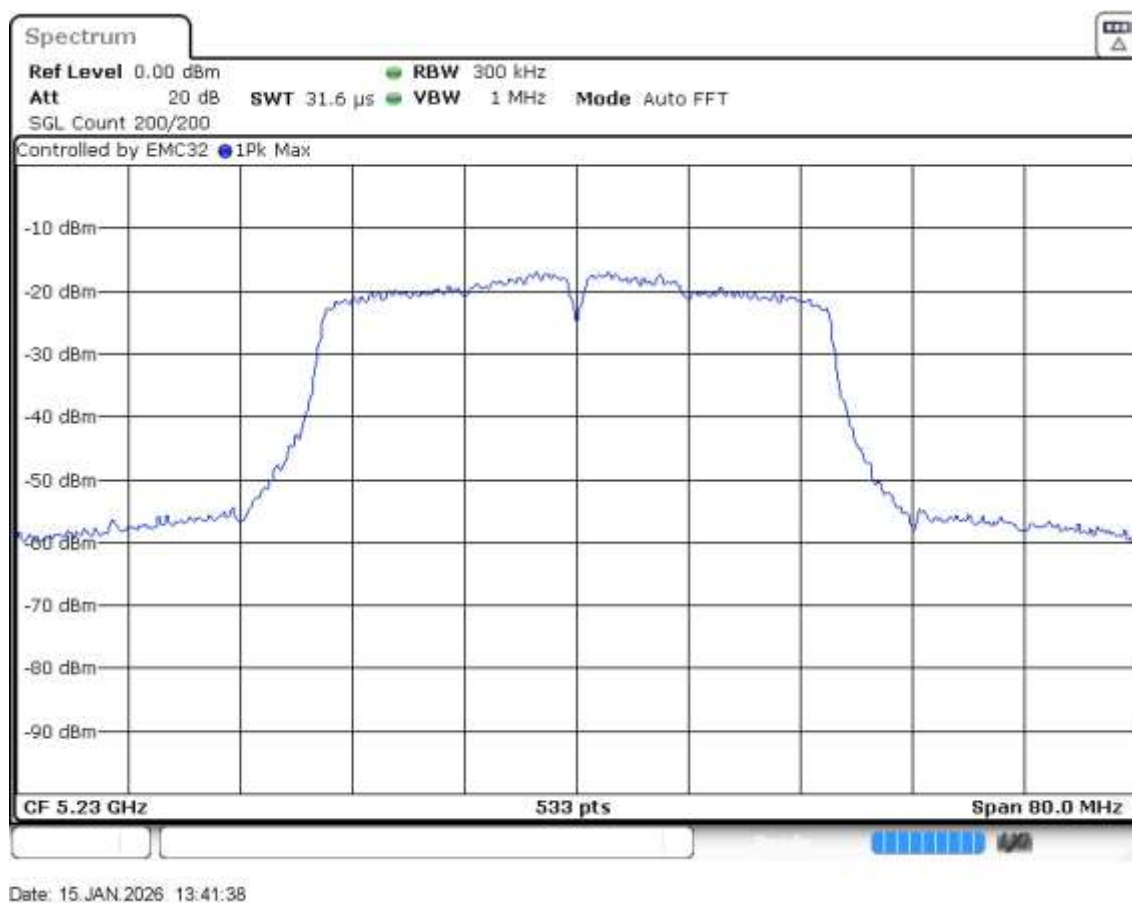
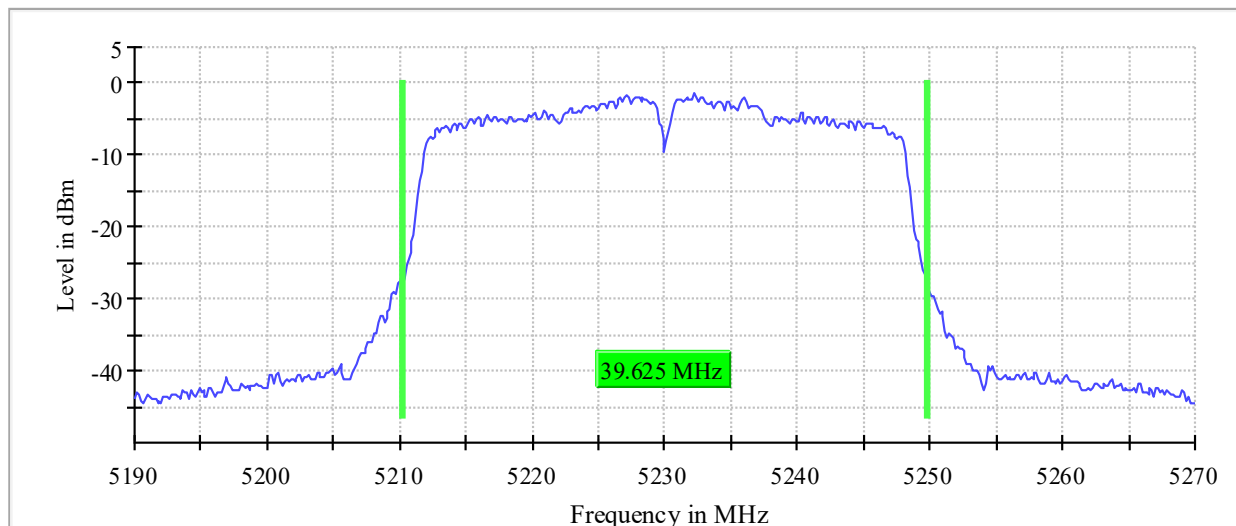
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5230.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



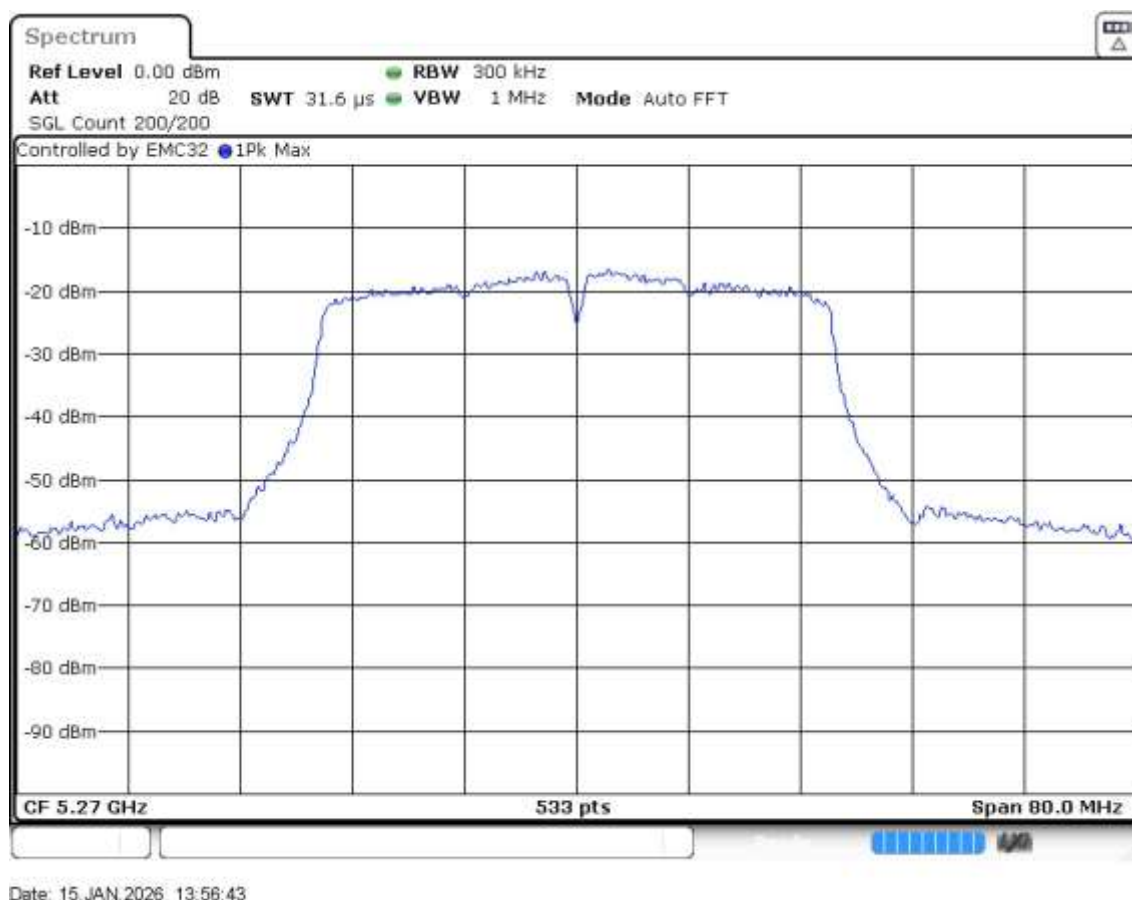
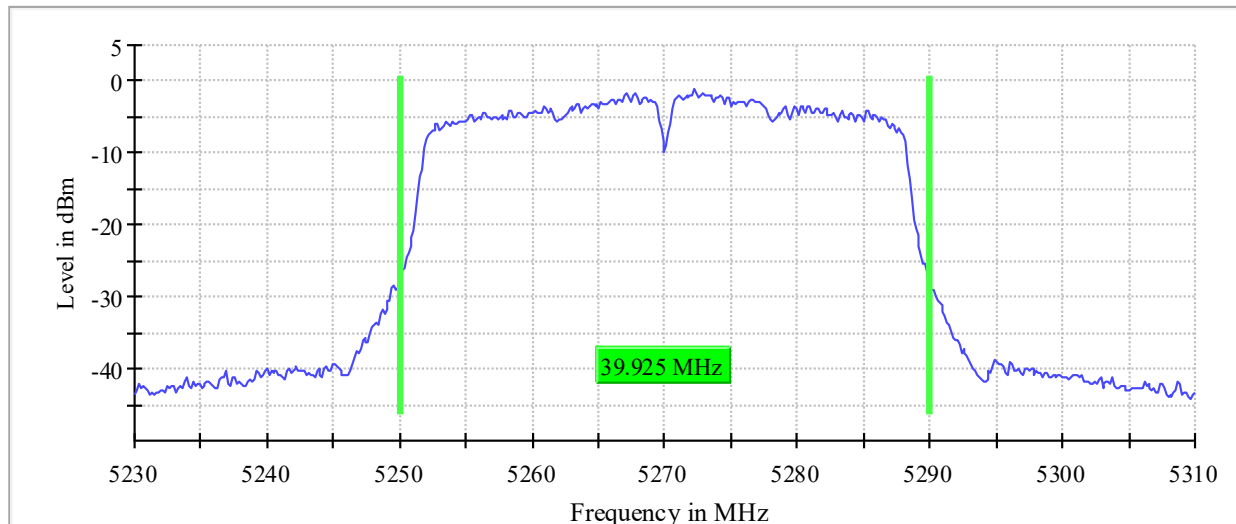
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5270.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



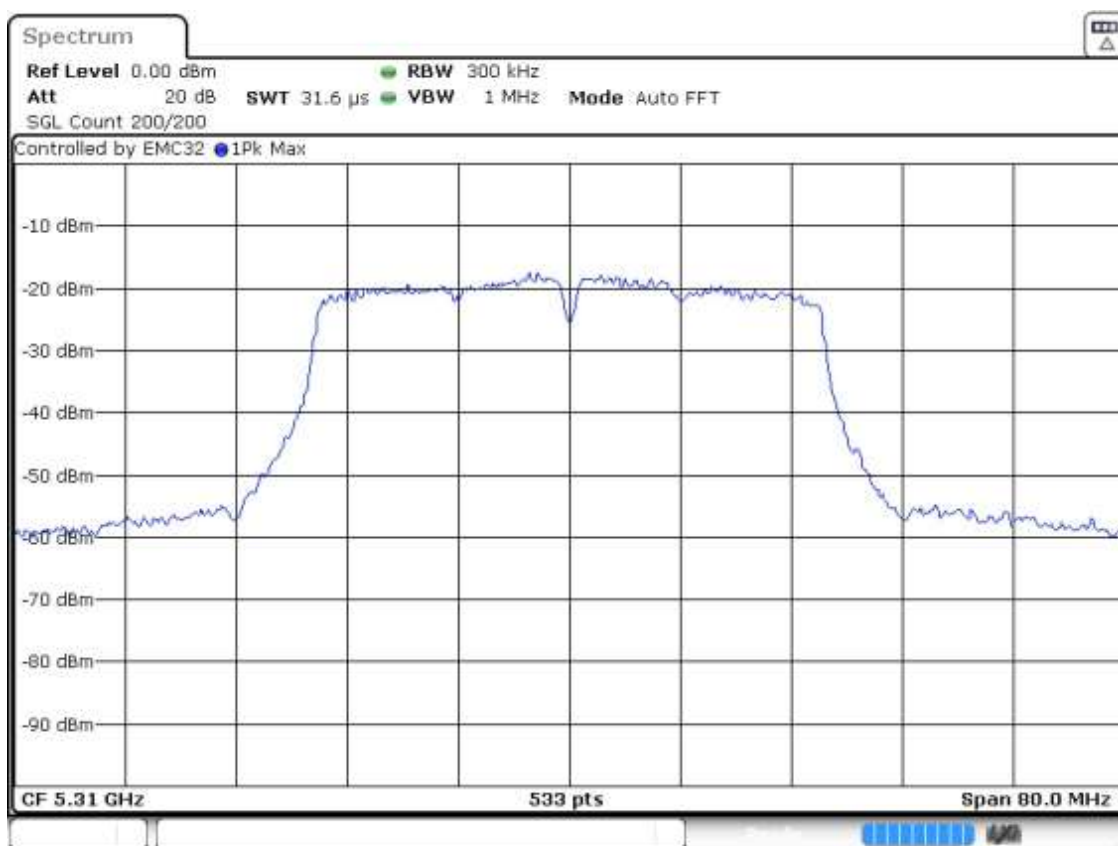
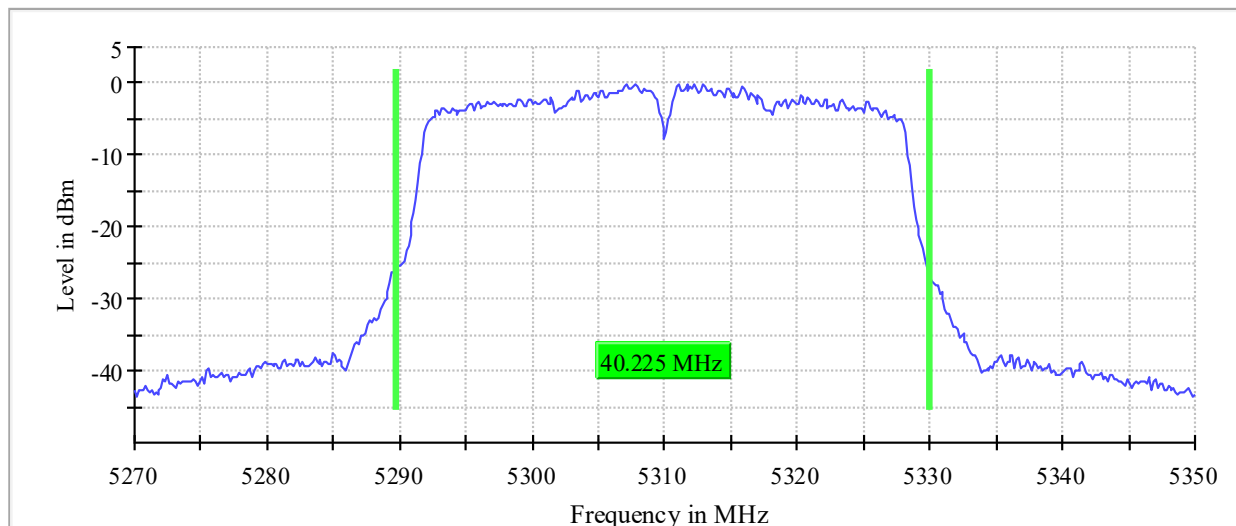
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5310.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



Date: 15 JAN 2026 14:10:16

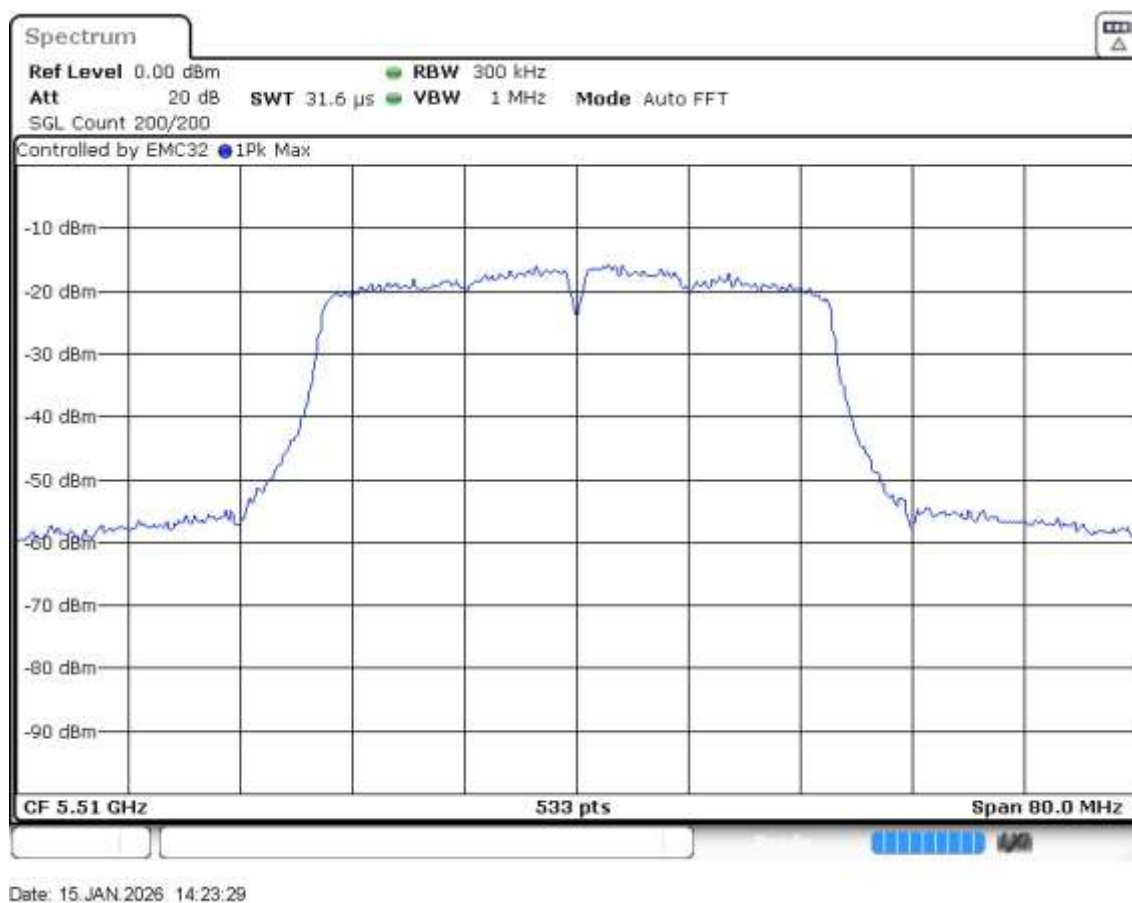
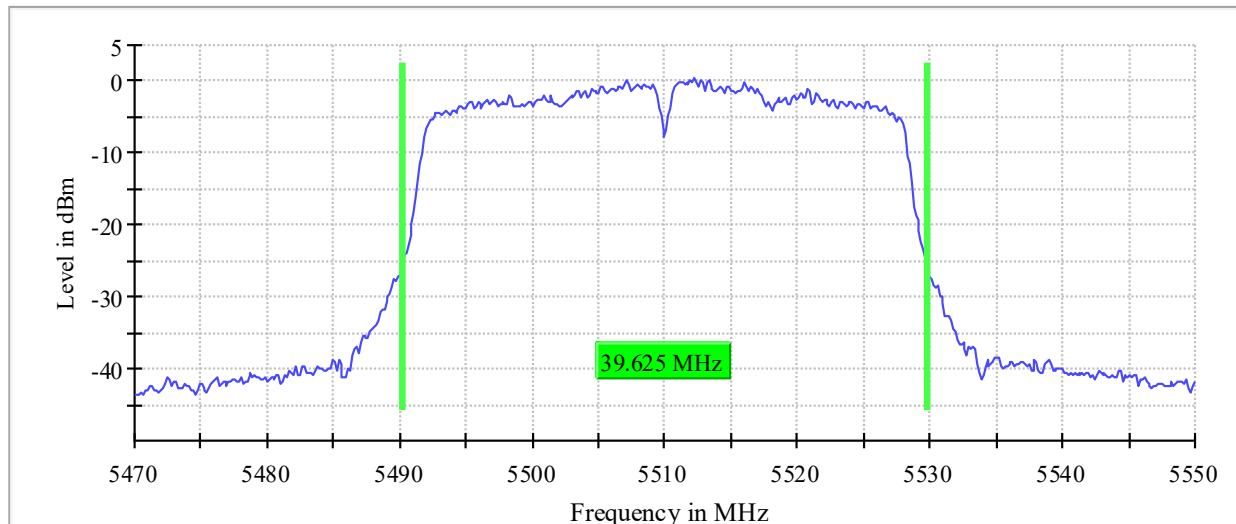
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5510.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

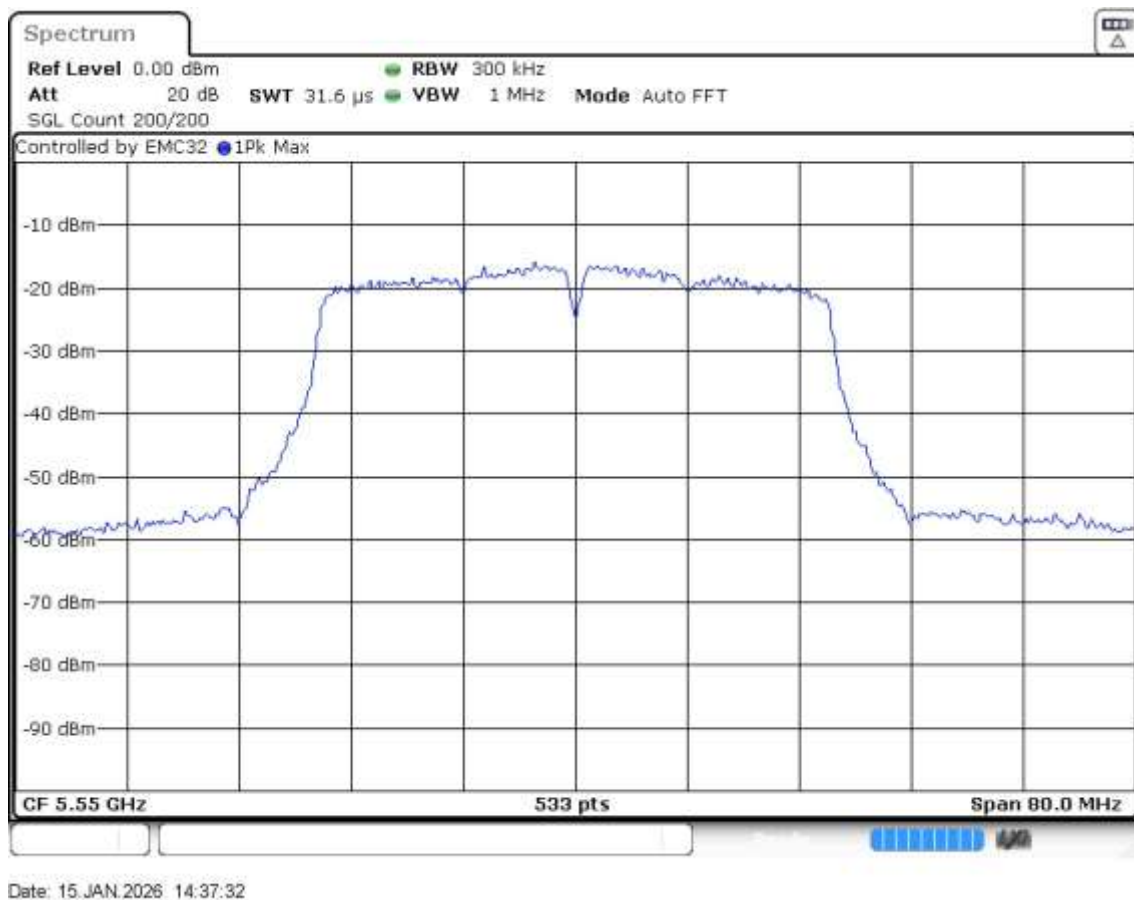
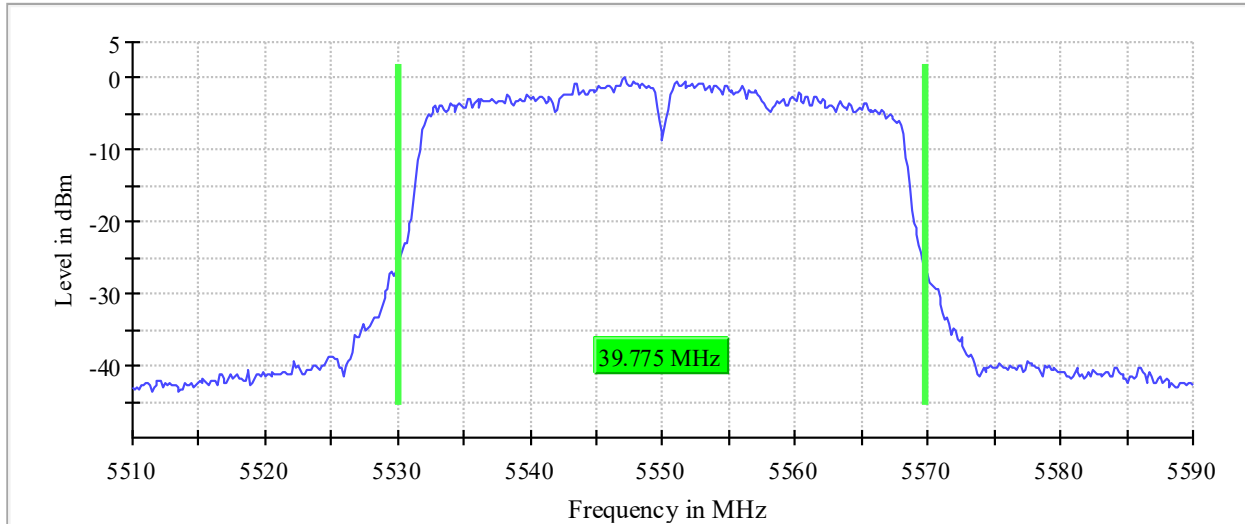


Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5550.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



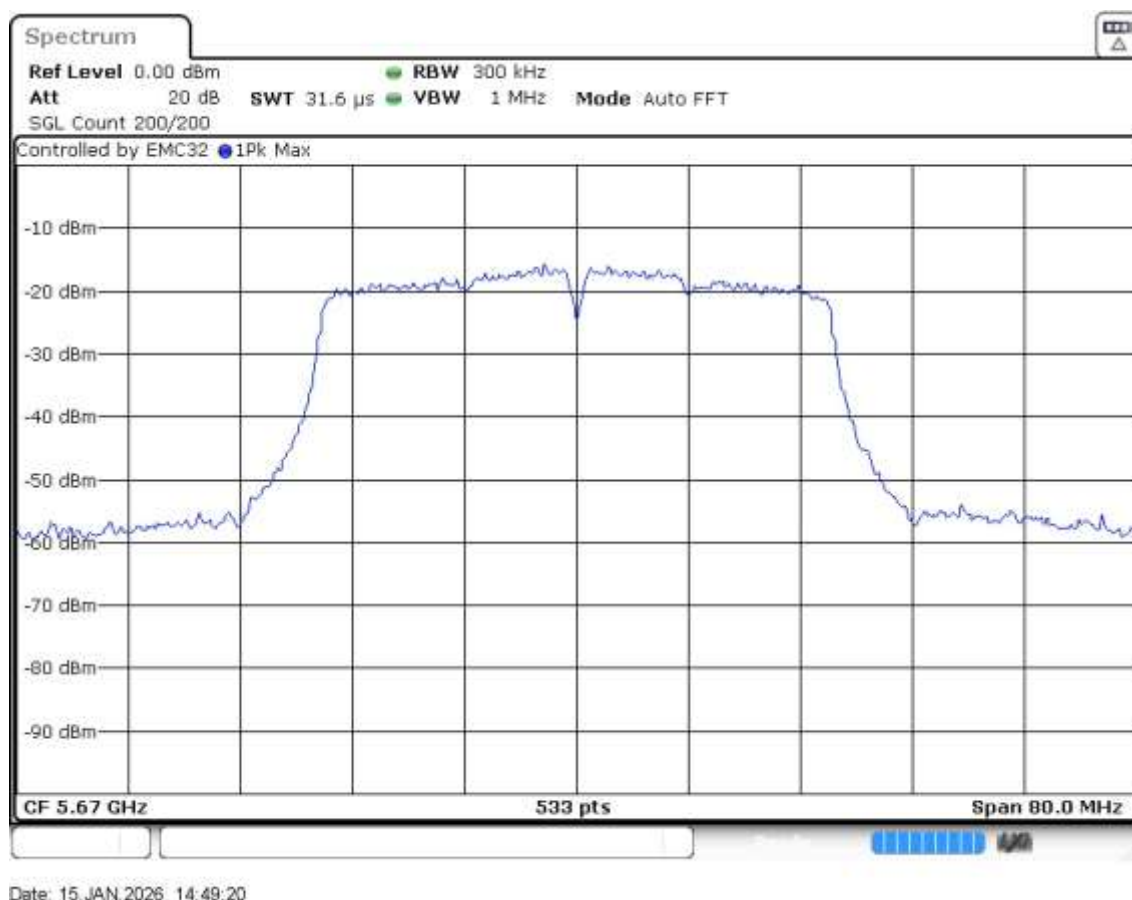
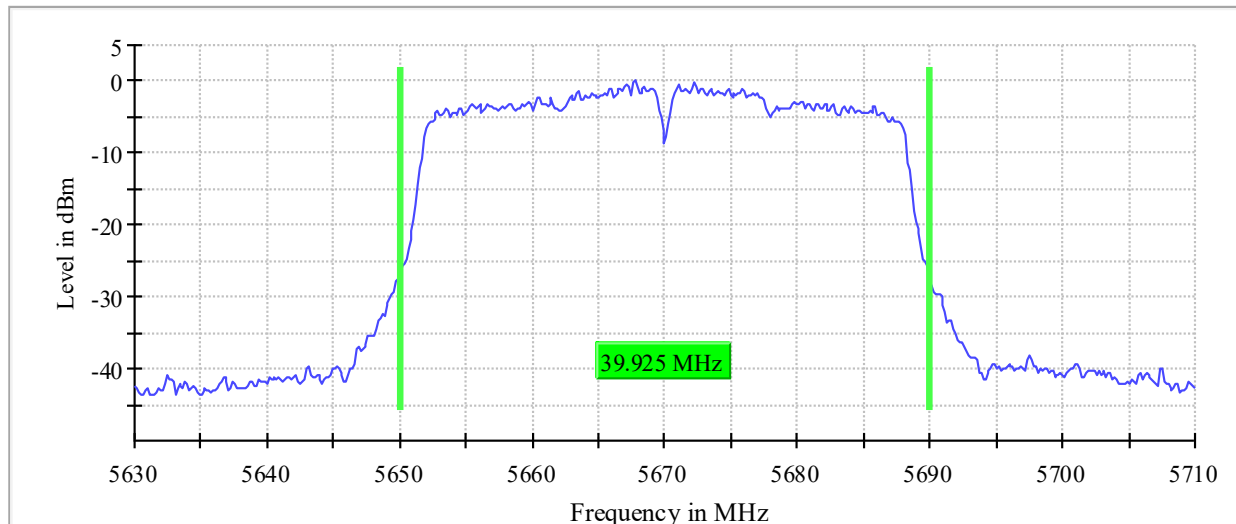
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5670.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



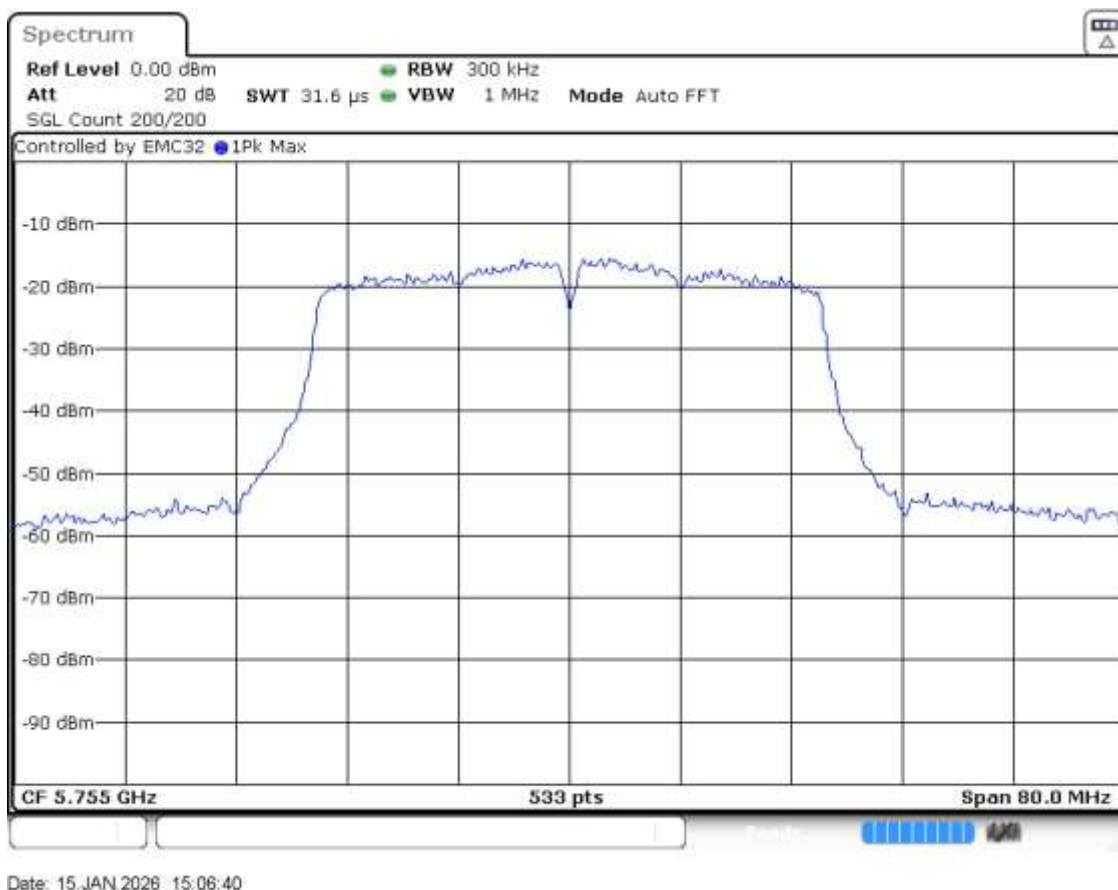
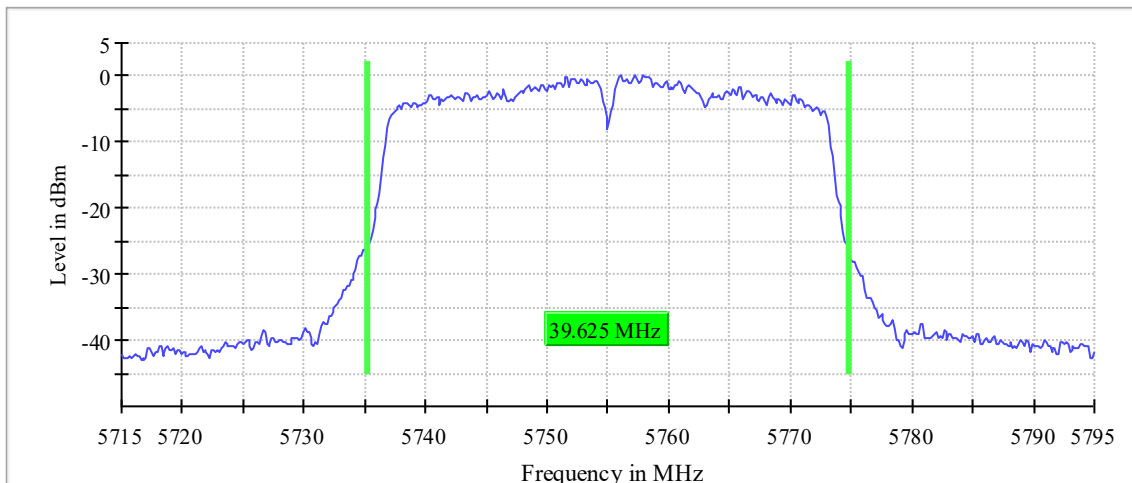
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5755.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



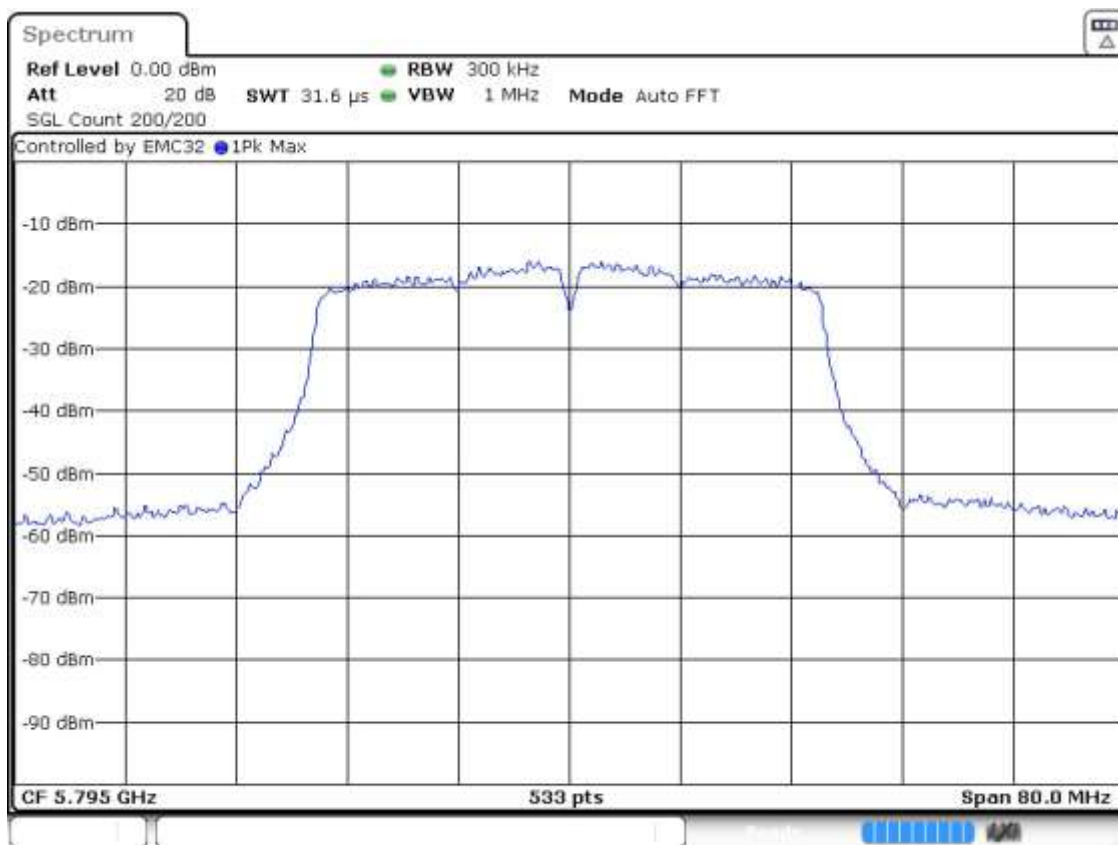
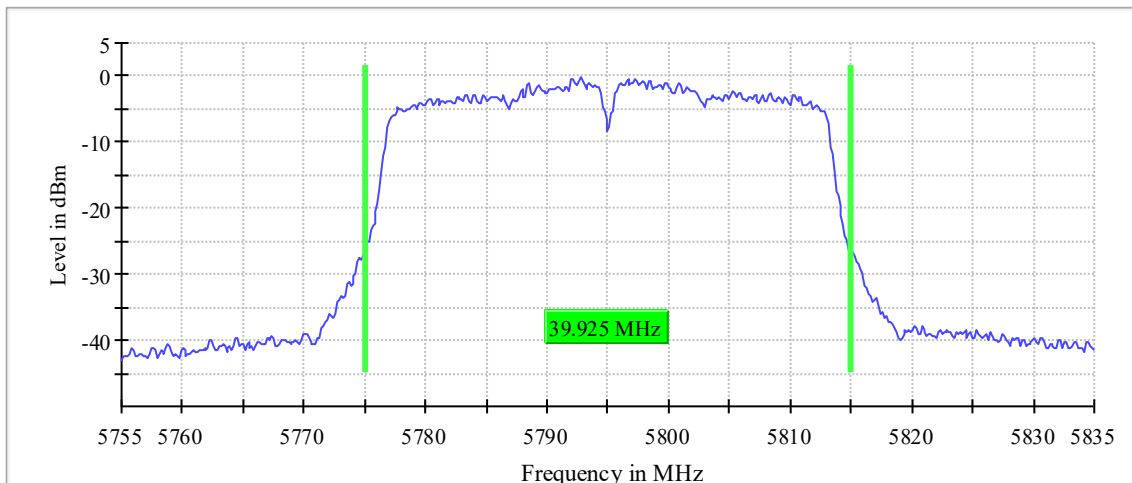
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5795.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



Date: 15 JAN 2026 15:21:47

Modulation: 802.11ax HE40 SS1 (OFDMA MCS11)
Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5190.00000	40.150
		5230.00000	40.150
		5270.00000	39.850
		5310.00000	40.150
		5510.00000	40.150
		5550.00000	39.850
		5670.00000	39.850
		5755.00000	40.000
		5795.00000	40.150

Verdict

Pass

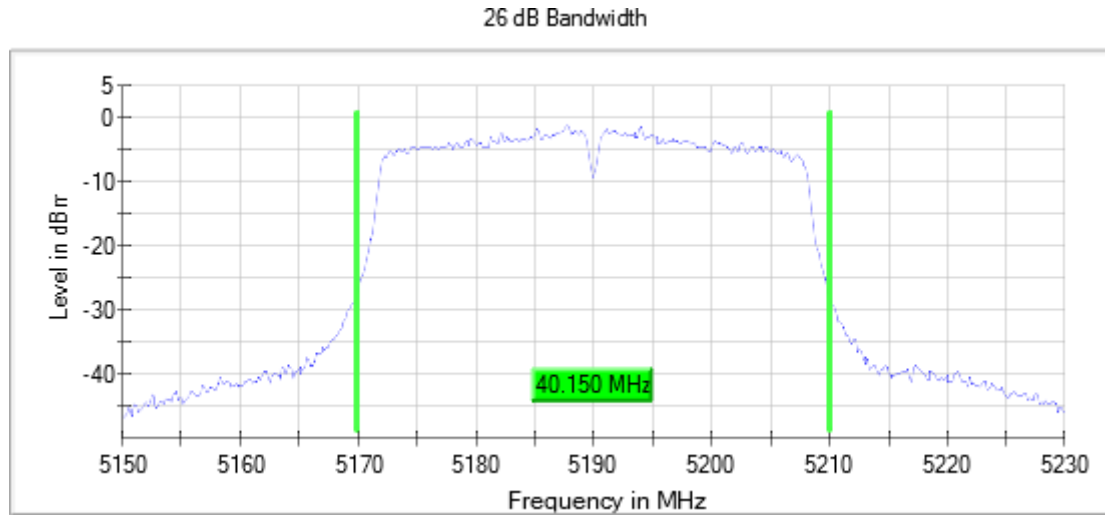
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5190.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



Tables:

Spectrum Analyzer Parameters

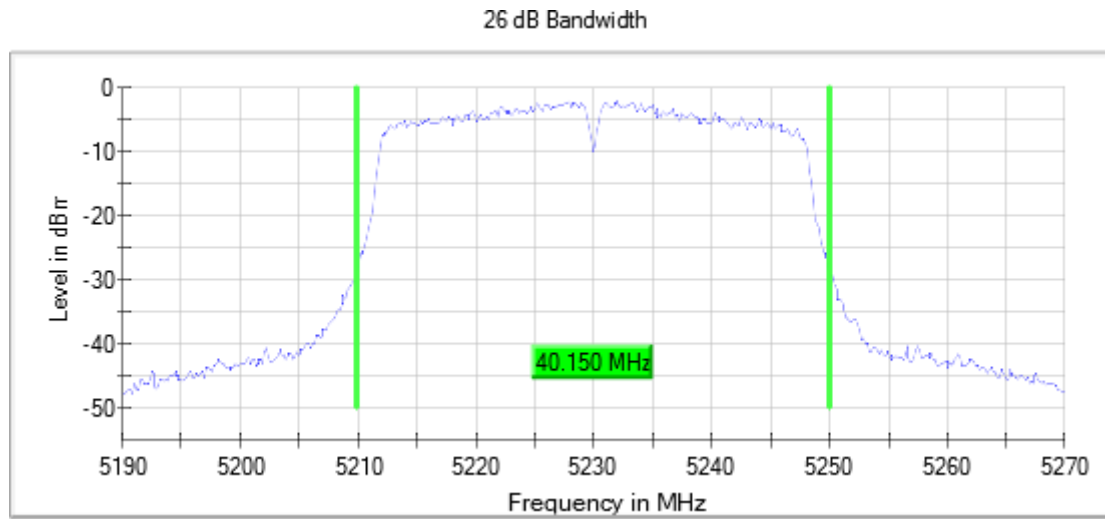
Setting	Instrument Value	Target Value
Start Frequency	5.15000 GHz	5.15000 GHz
Stop Frequency	5.23000 GHz	5.23000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
Sweeptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	66 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.18 dB	0.30 dB

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5230.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Start Frequency	5.15000 GHz	5.15000 GHz
Stop Frequency	5.23000 GHz	5.23000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	66 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.18 dB	0.30 dB

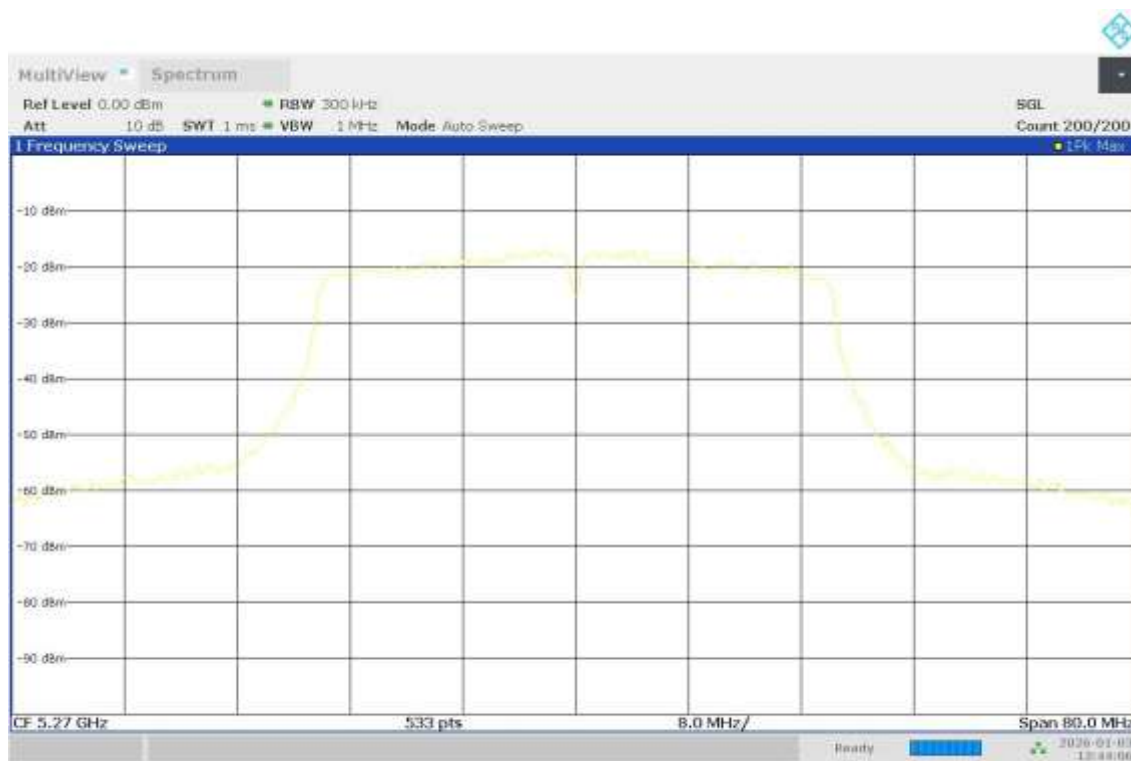
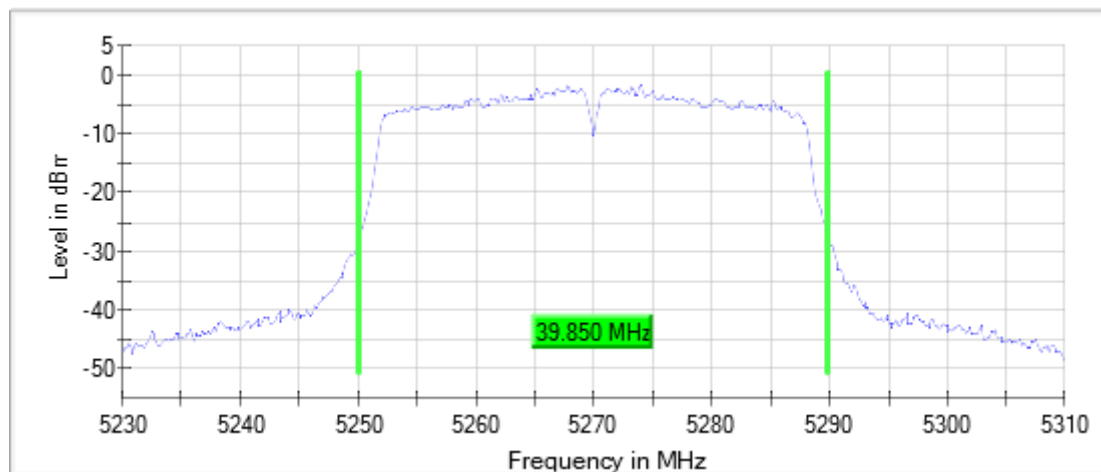
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5270.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

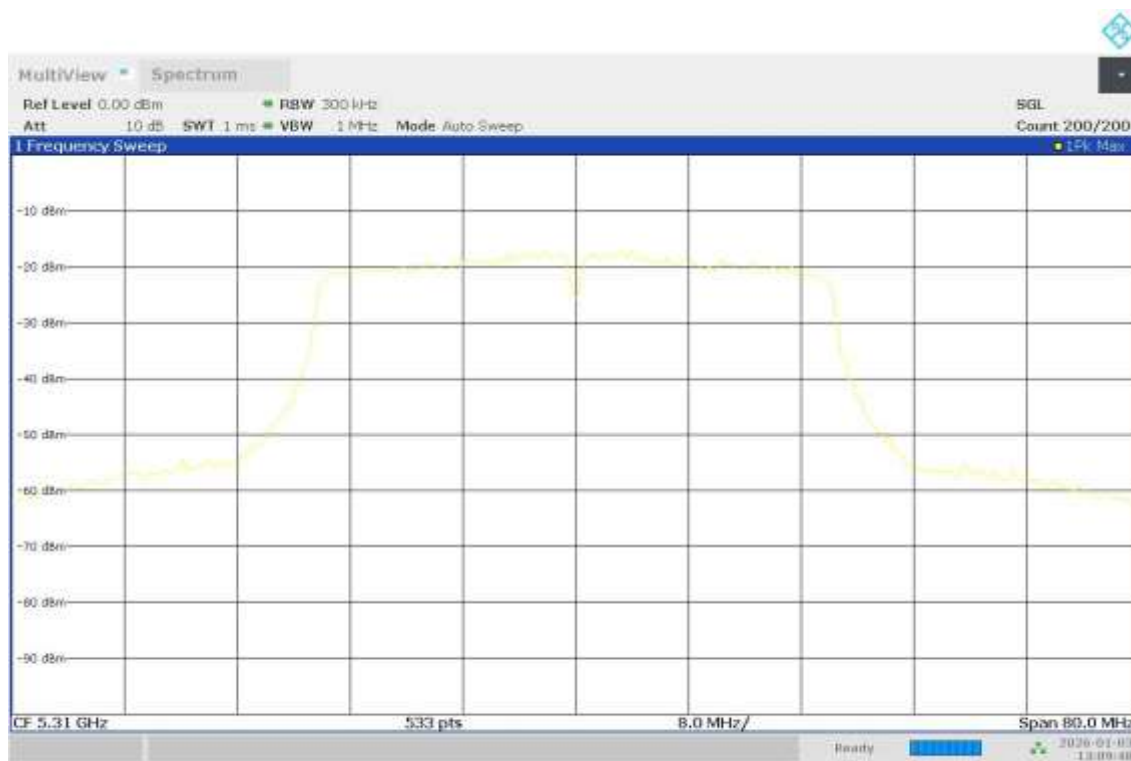
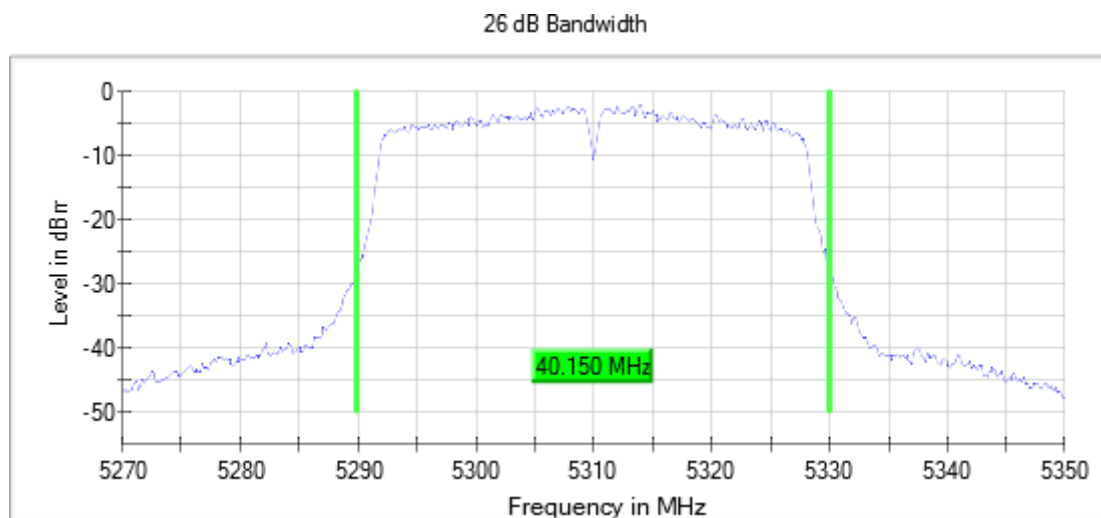


Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5310.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



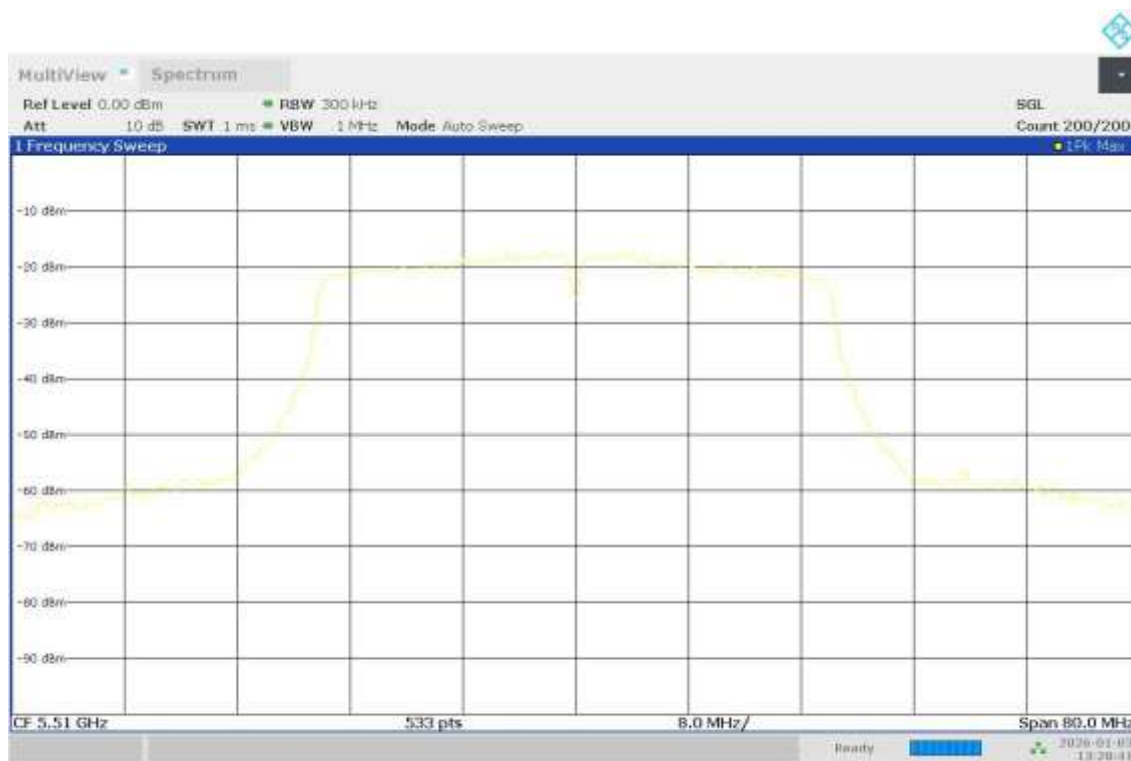
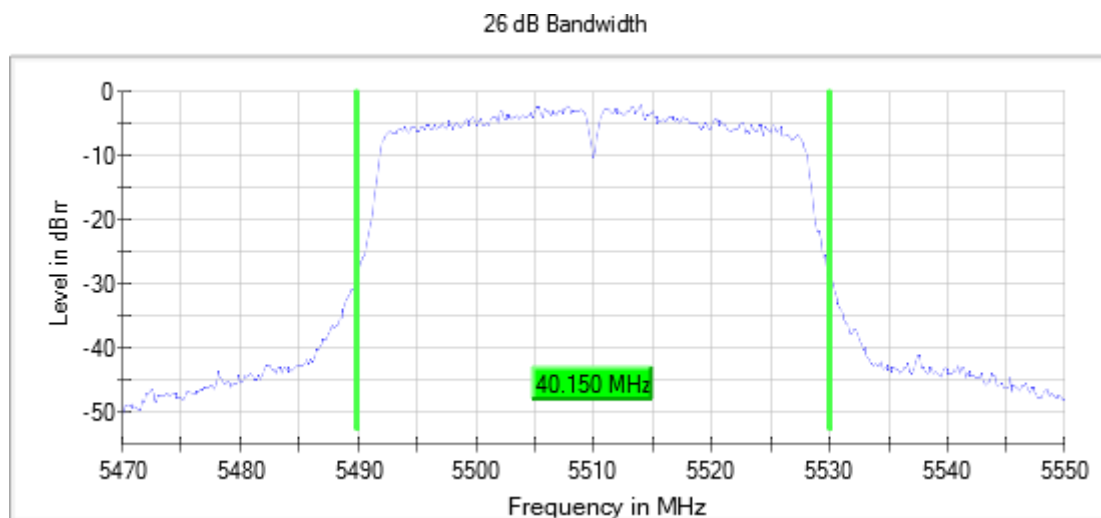
01:09:48 PM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5510.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



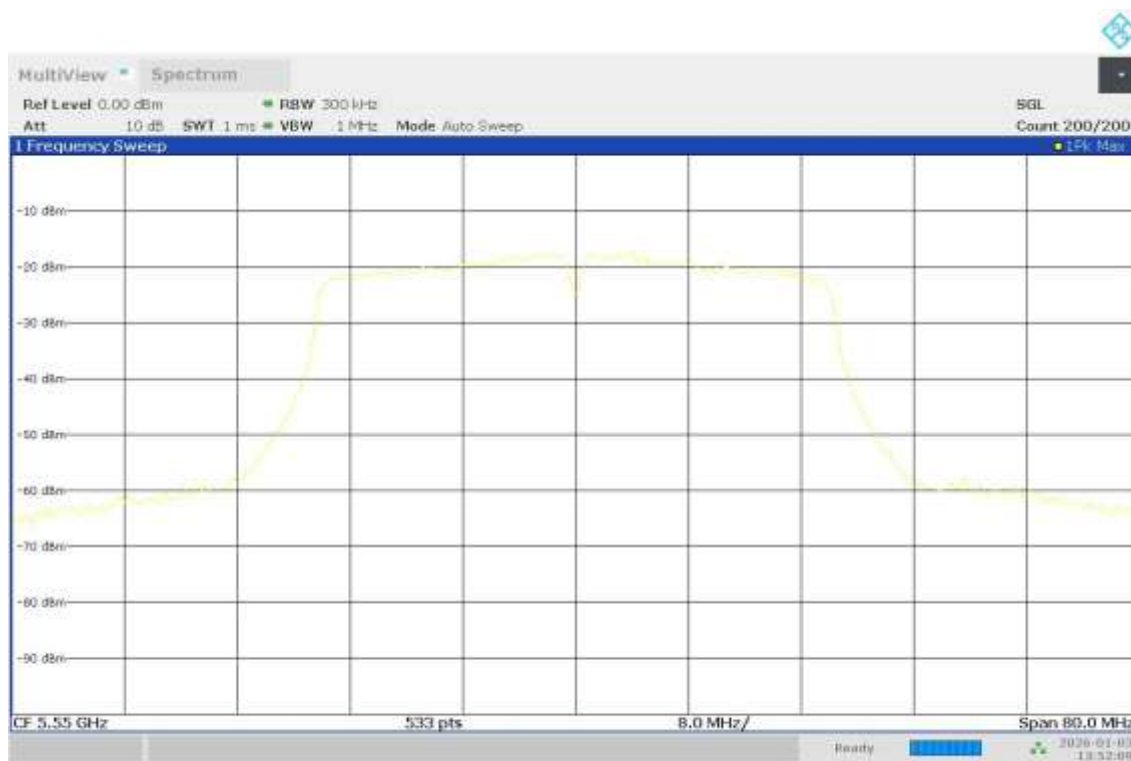
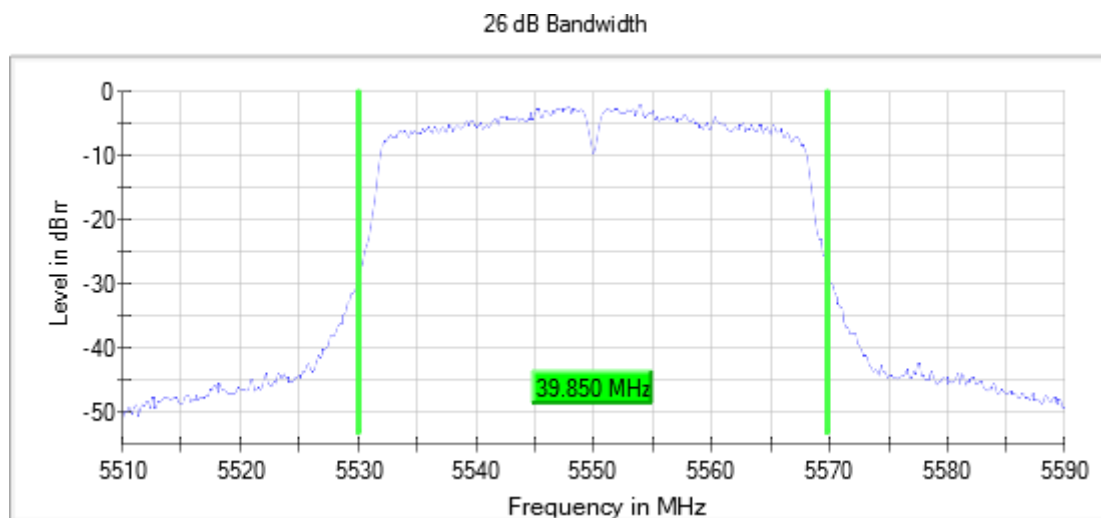
01:28:42 PM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5550.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



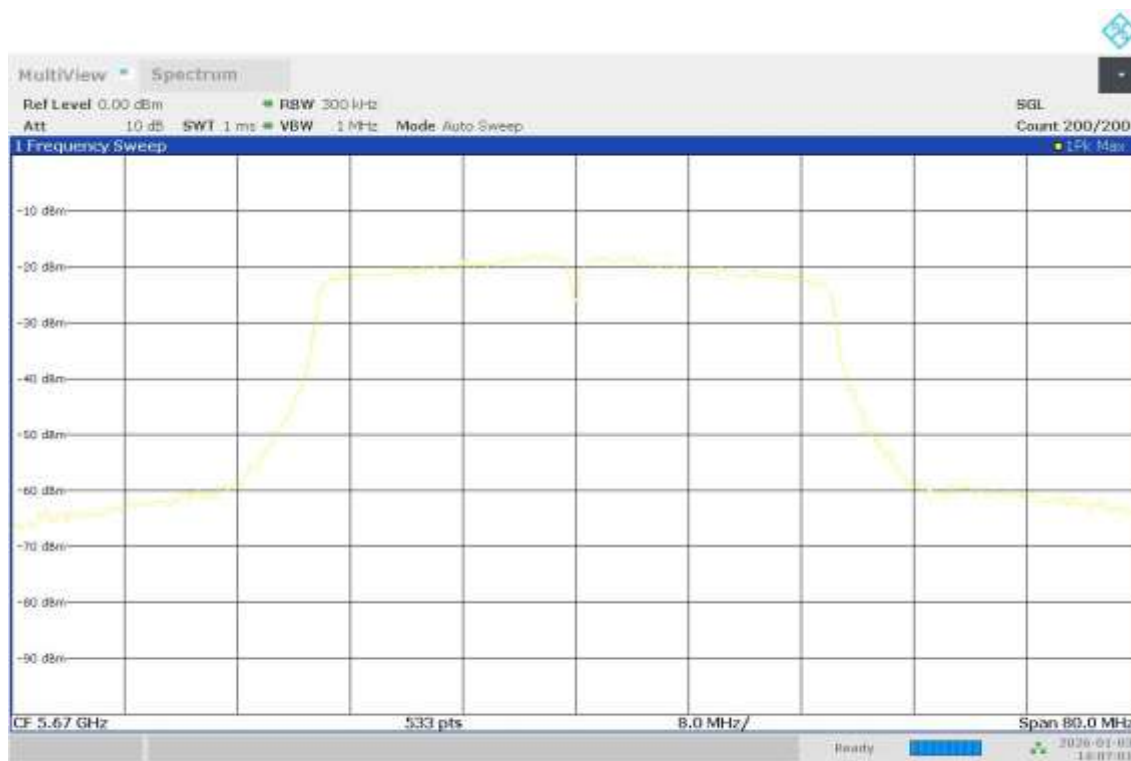
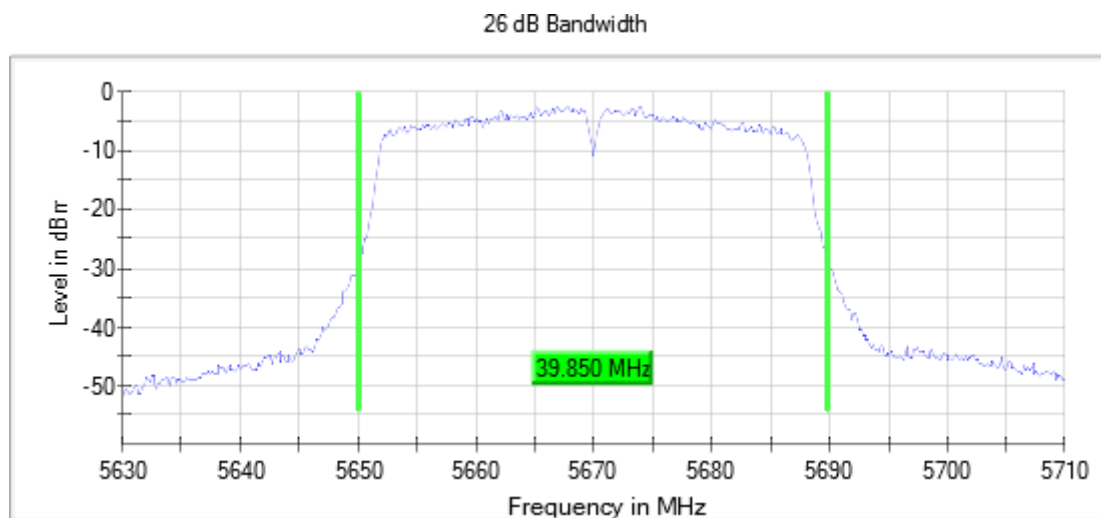
01:52:09 PM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5670.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



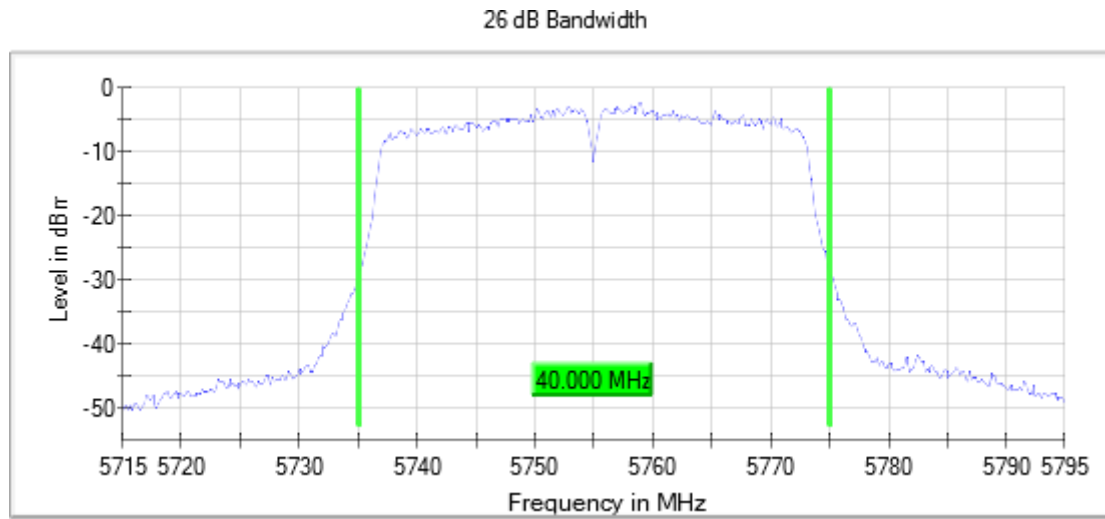
02:07:02 PM 01/03/2026

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5755.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



Tables:

Spectrum Analyzer Parameters

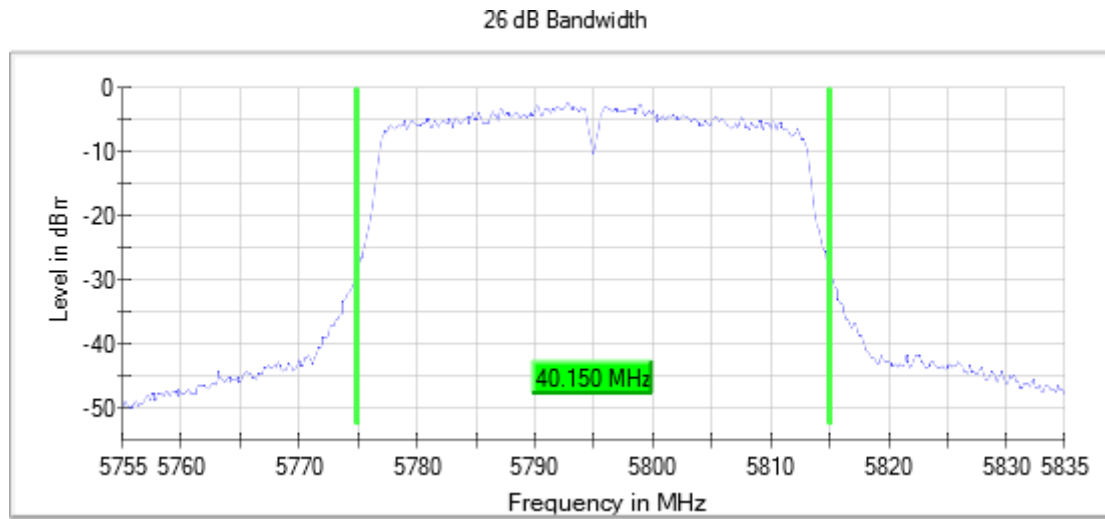
Setting	Instrument Value	Target Value
Start Frequency	5.15000 GHz	5.15000 GHz
Stop Frequency	5.23000 GHz	5.23000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	66 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.18 dB	0.30 dB

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5795.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Start Frequency	5.15000 GHz	5.15000 GHz
Stop Frequency	5.23000 GHz	5.23000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	~ 400.000 kHz
VBW	1.000 MHz	>= 900.000 kHz
SweepPoints	533	~ 533
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	66 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.18 dB	0.30 dB

Modulation: 802.11ax HE80 SS1 (OFDMA MCS11)
Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1	5210.00000	160.000
		5290.00000	80.500
		5530.00000	80.500
		5610.00000	81.500
		5775.00000	80.500
	2	5210.00000	160.000
		5290.00000	81.500
		5530.00000	80.500
		5610.00000	81.500
		5775.00000	82.000

Verdict

Pass

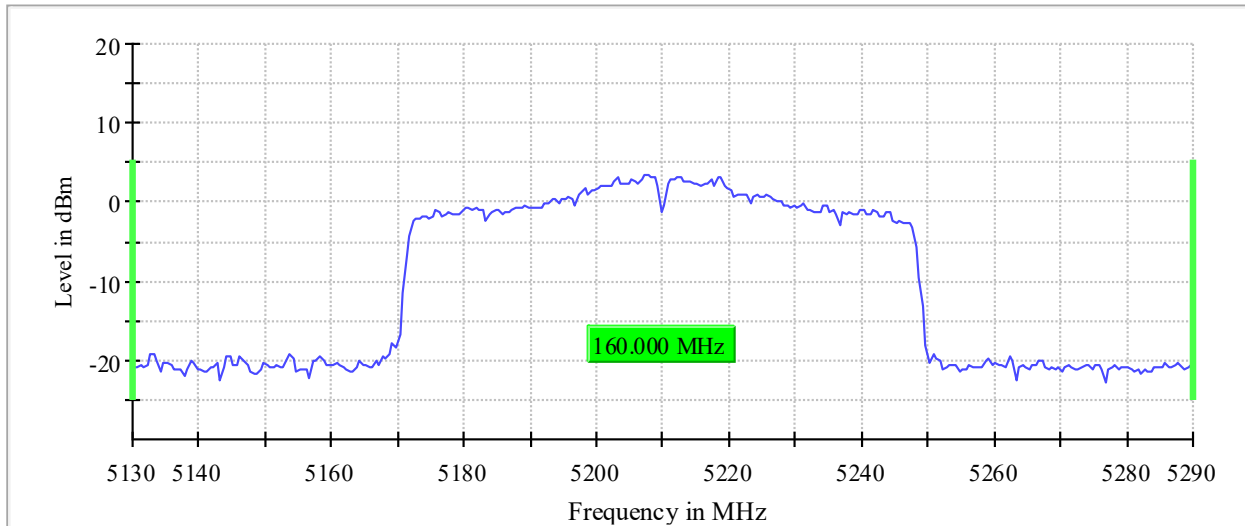
Attachments

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

Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



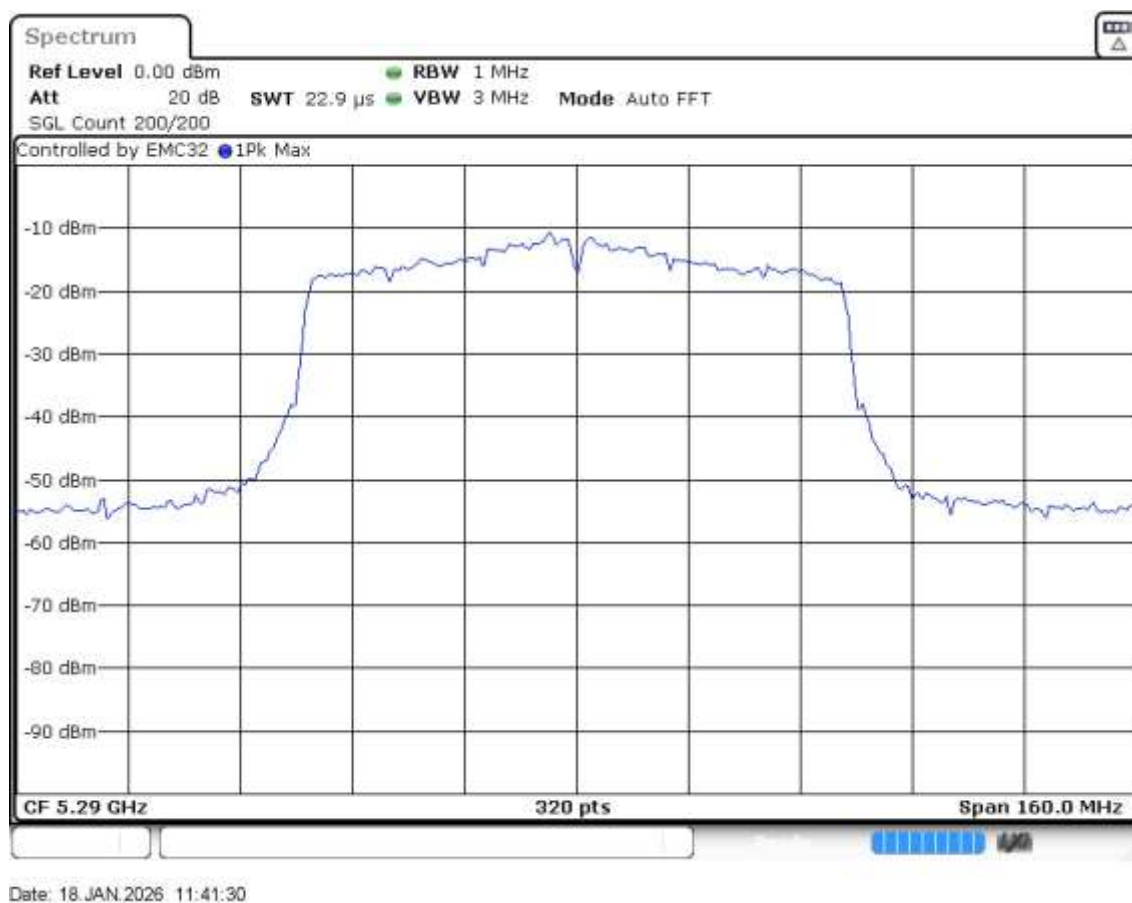
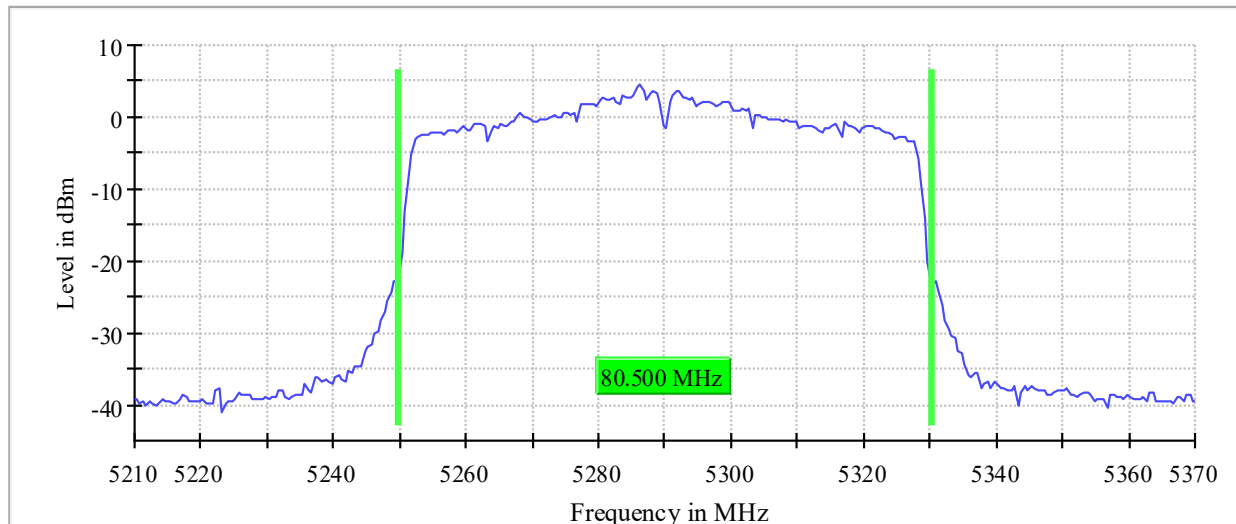
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5290.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



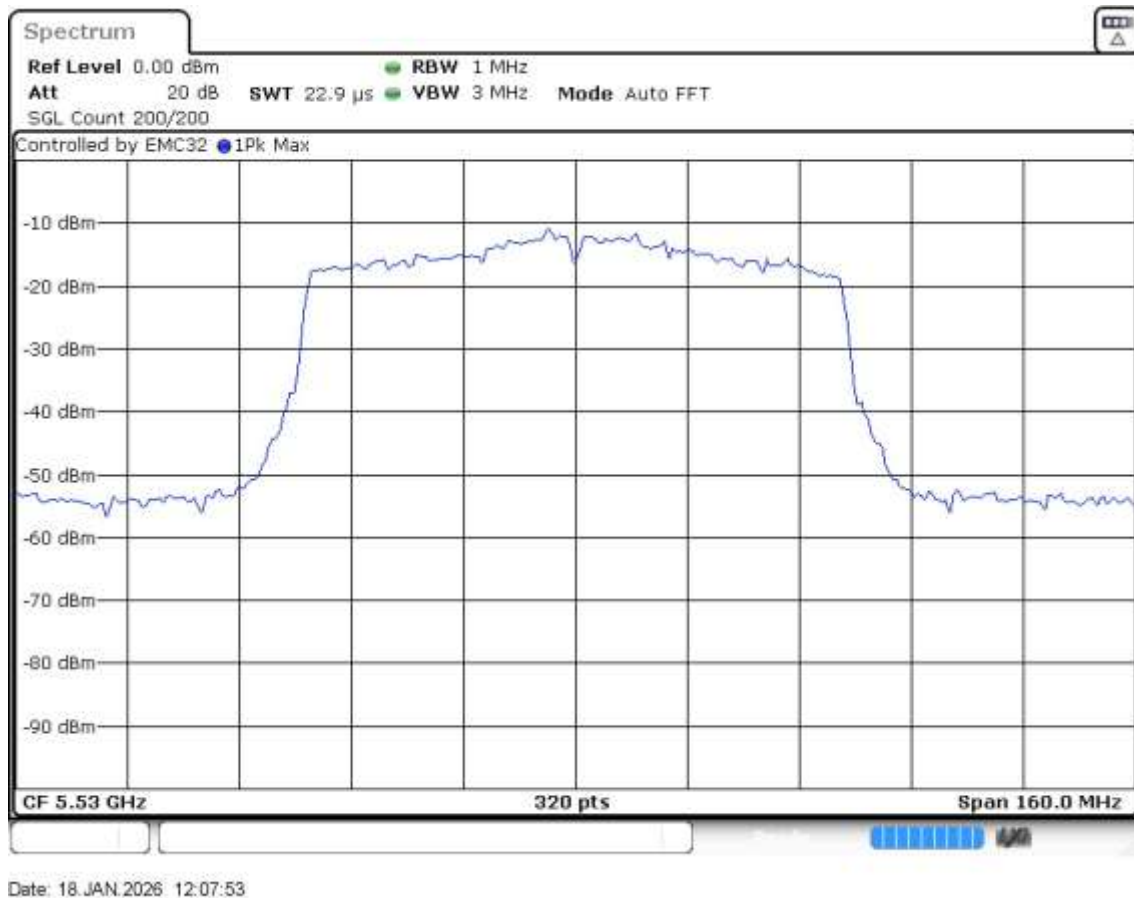
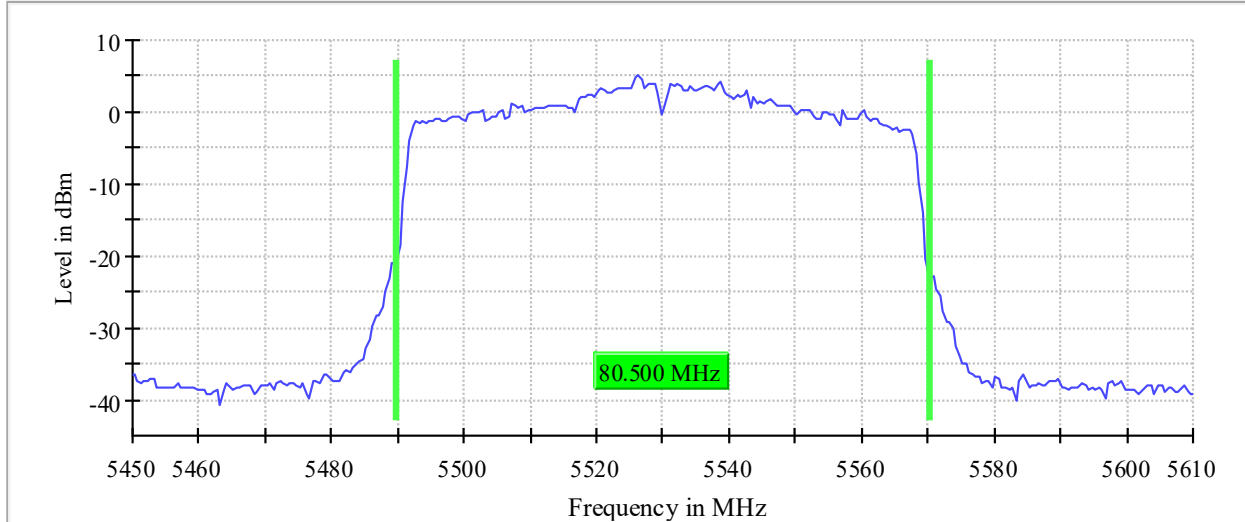
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5530.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

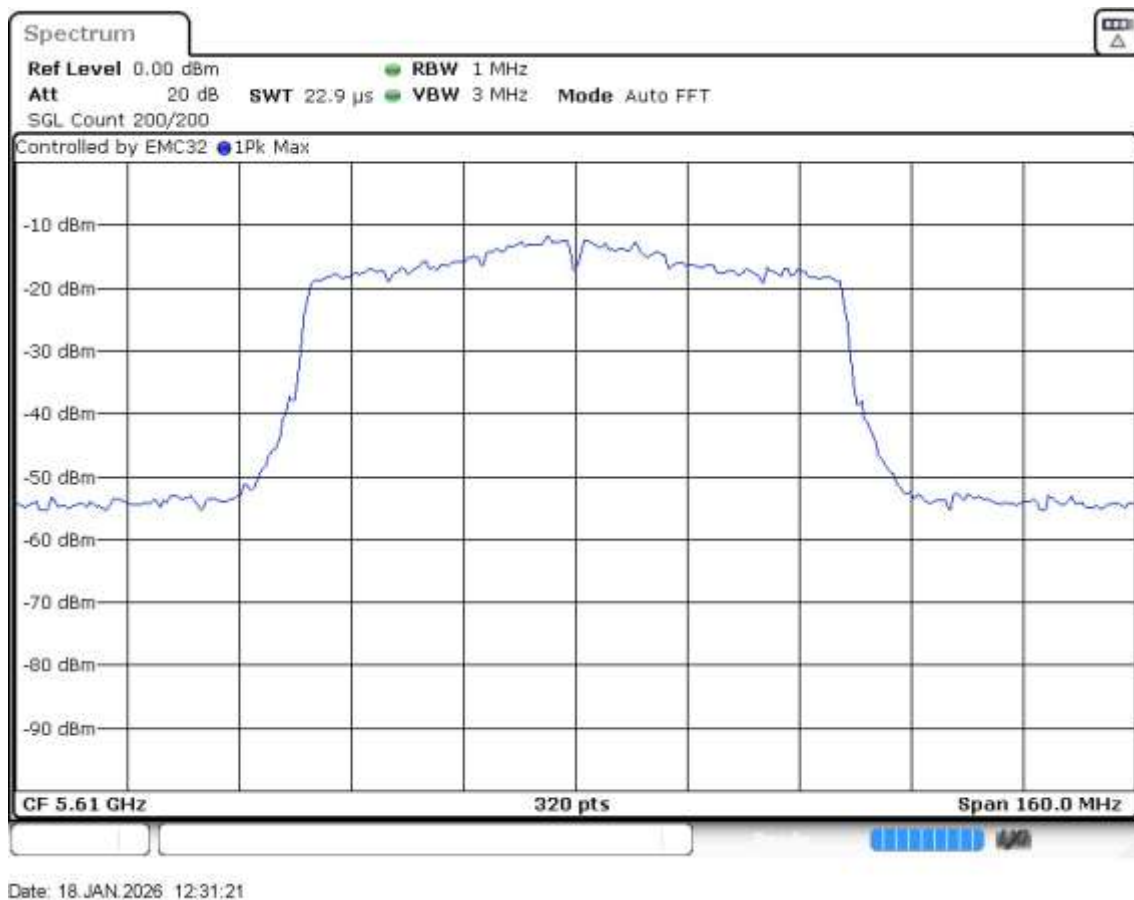
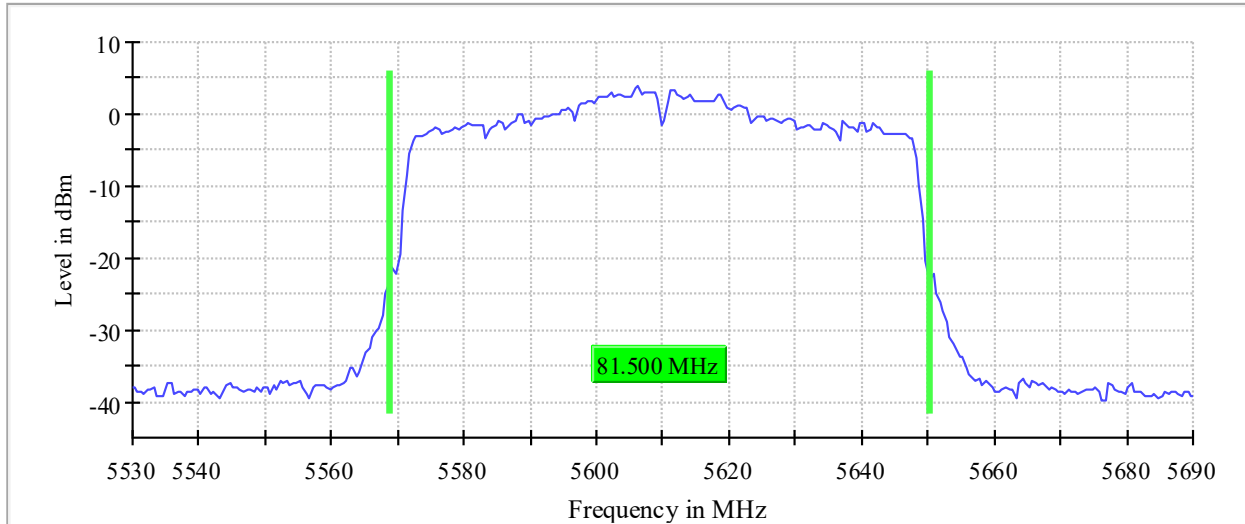


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5610.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

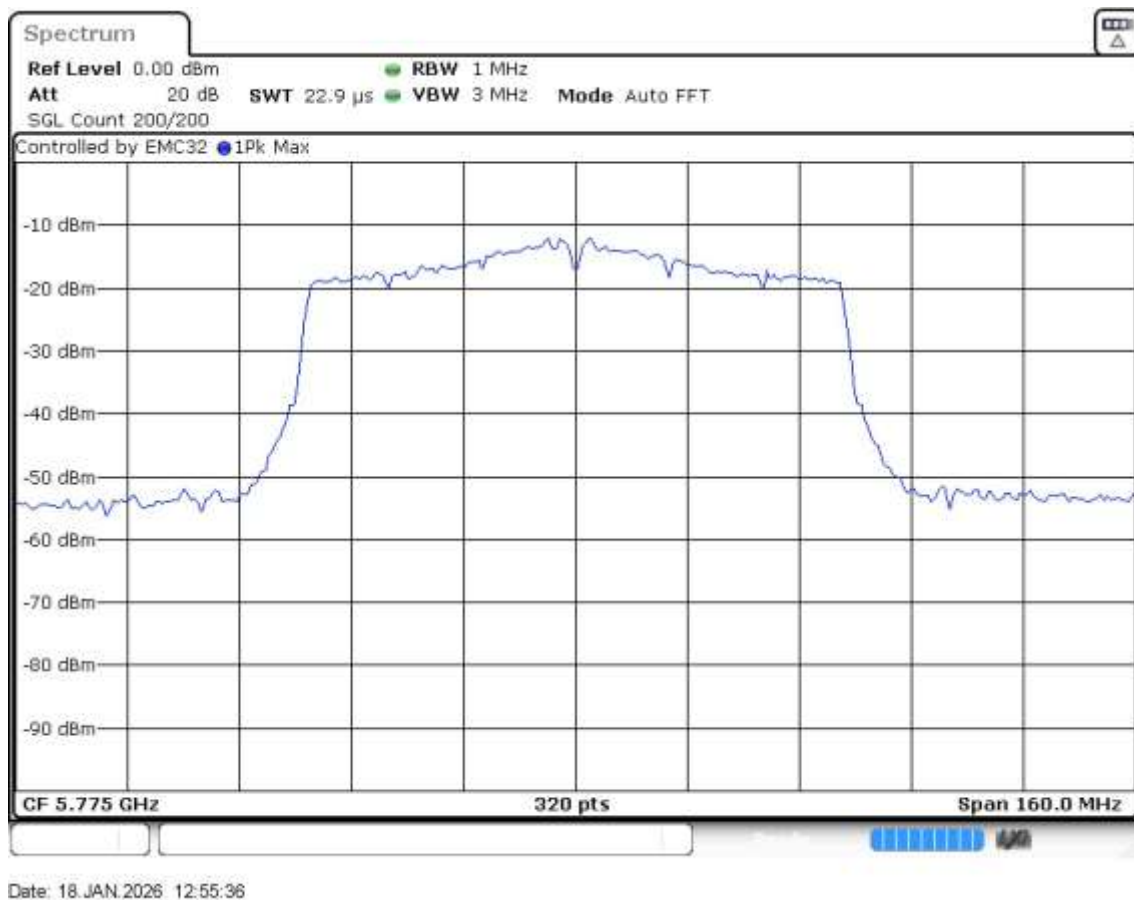
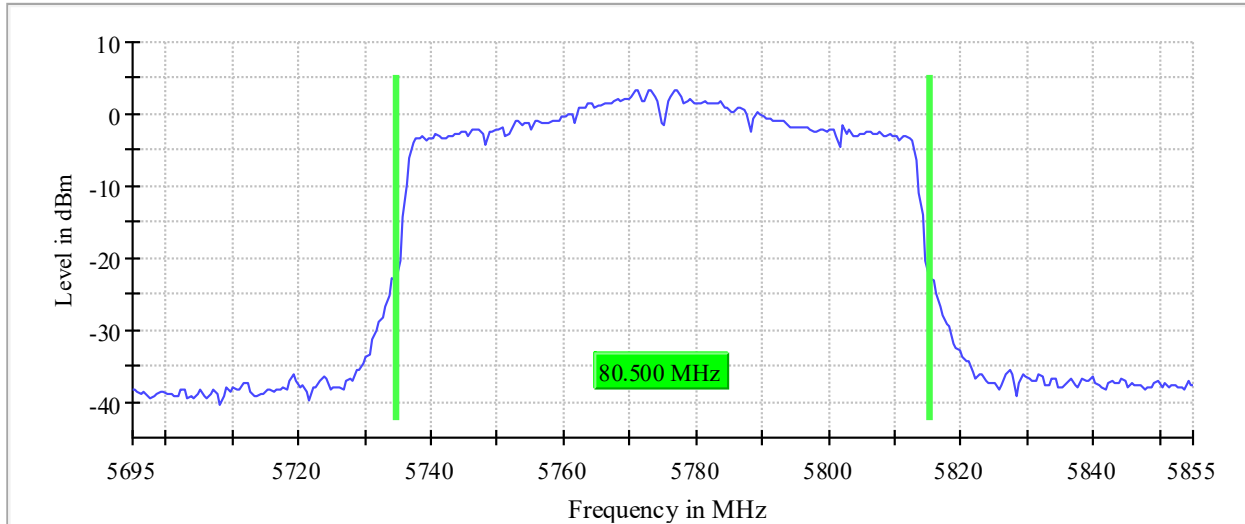


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



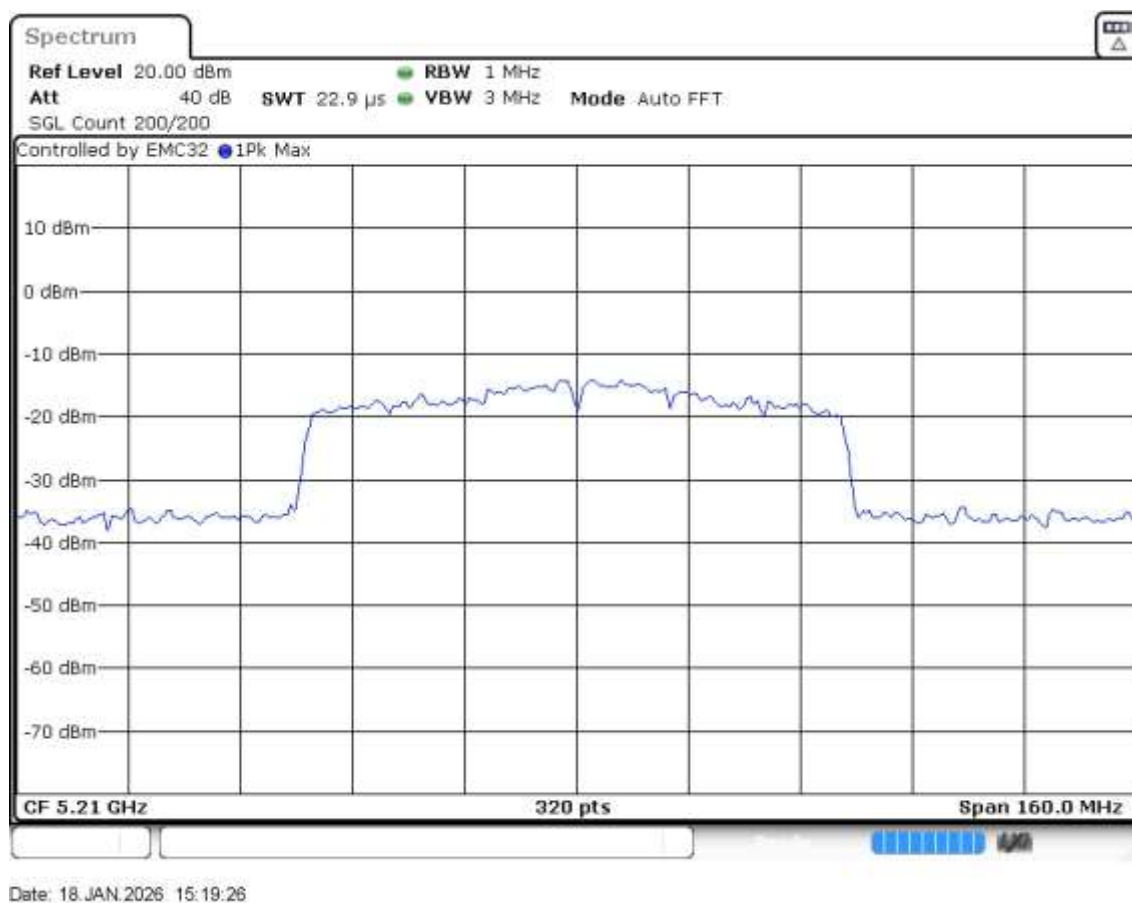
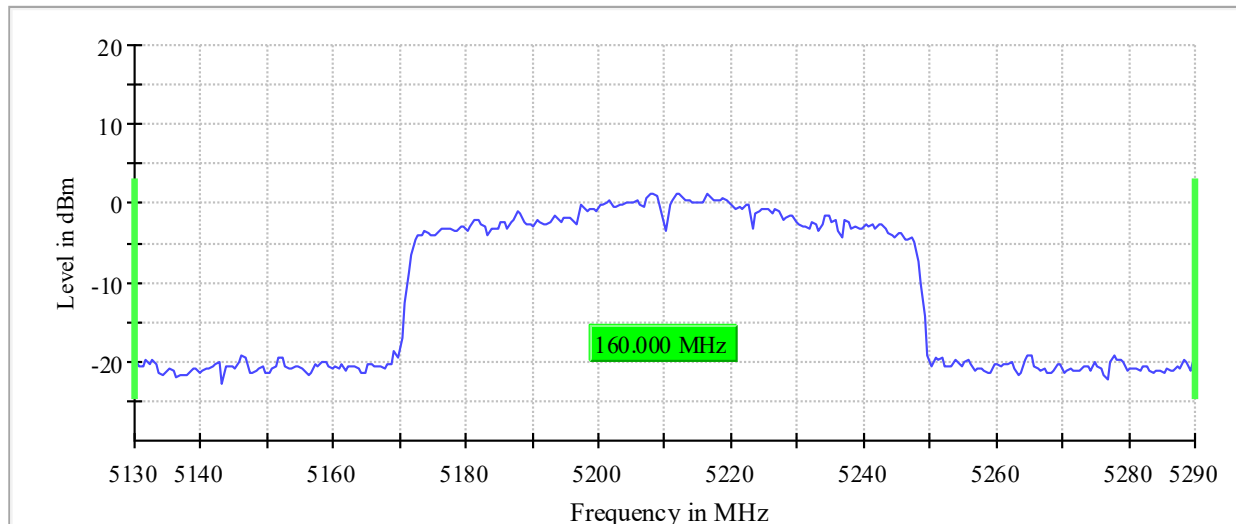
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5210.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

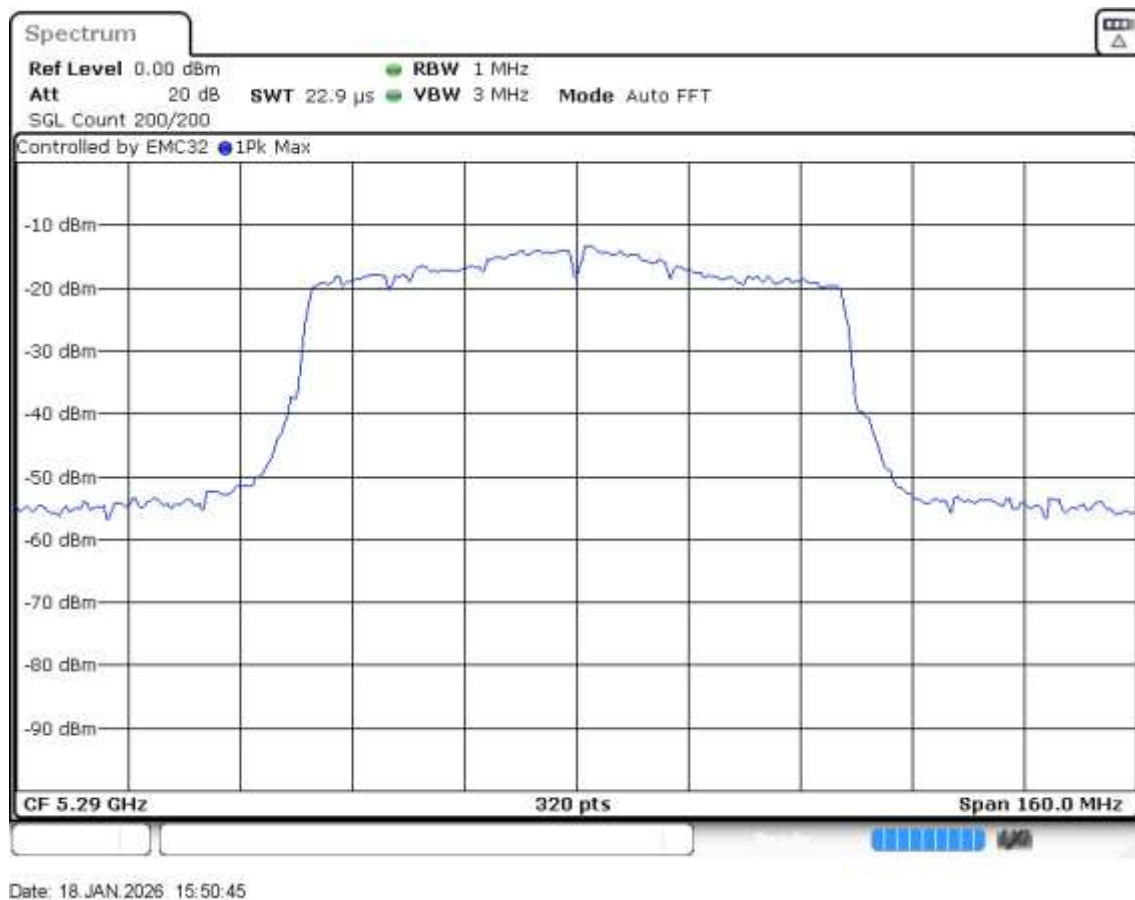
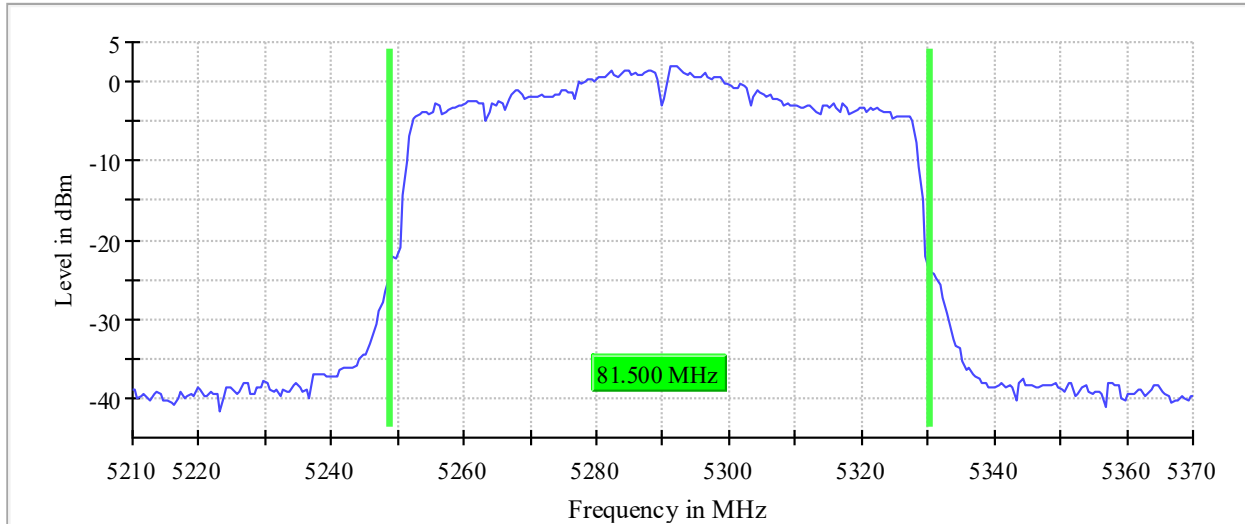


Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5290.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



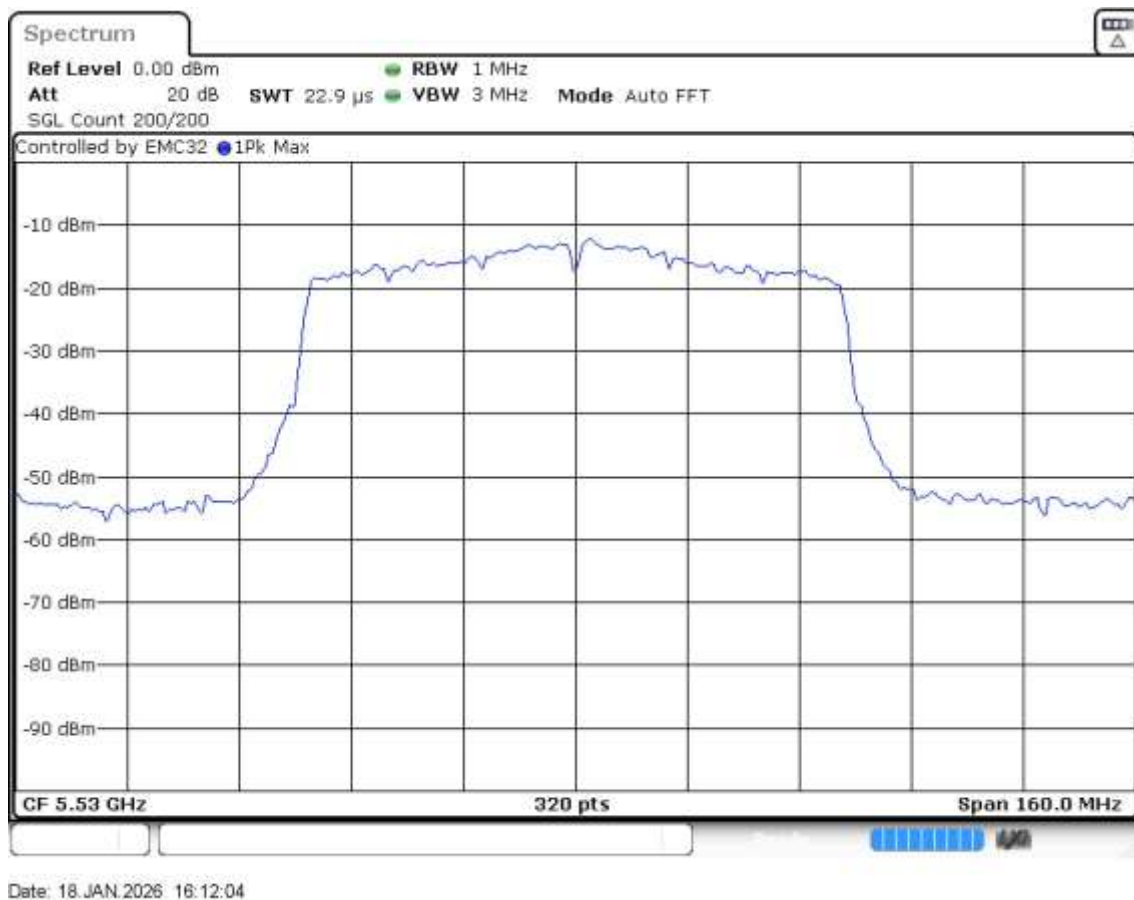
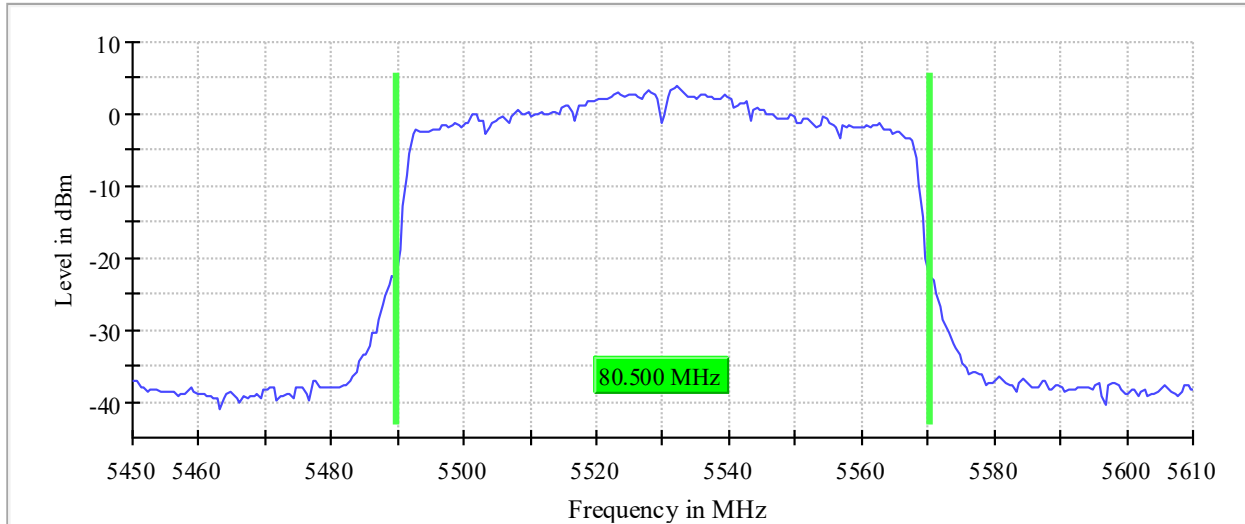
Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5530.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

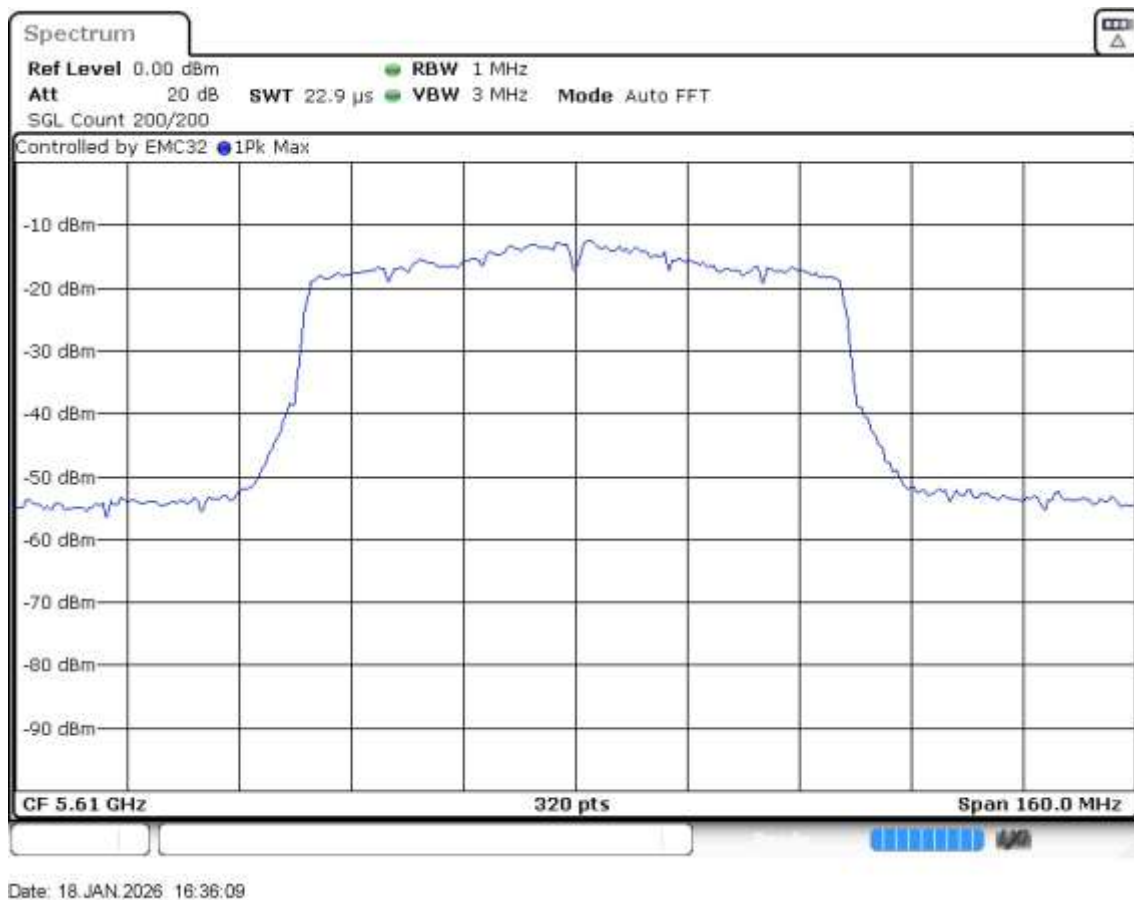
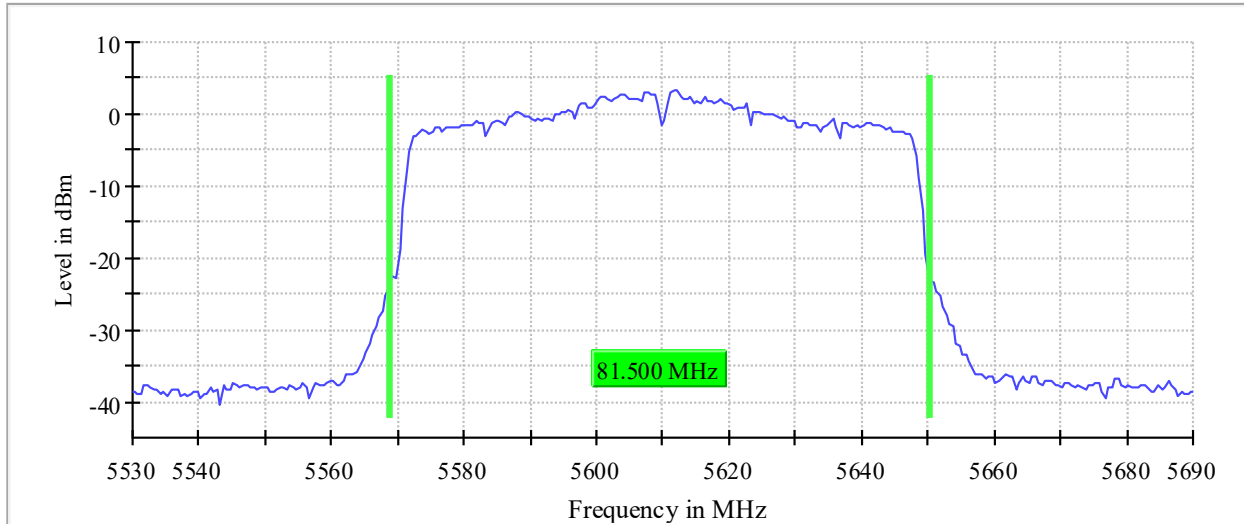


Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5610.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth

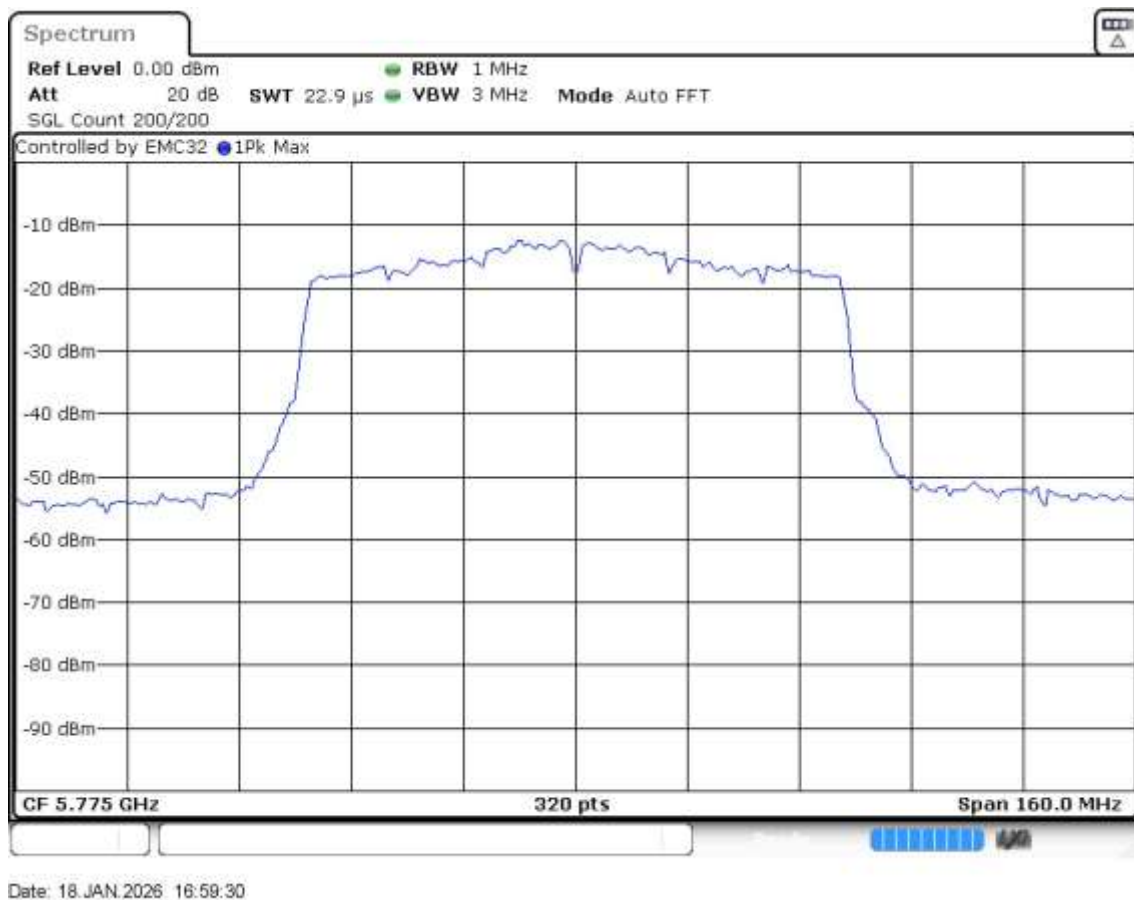
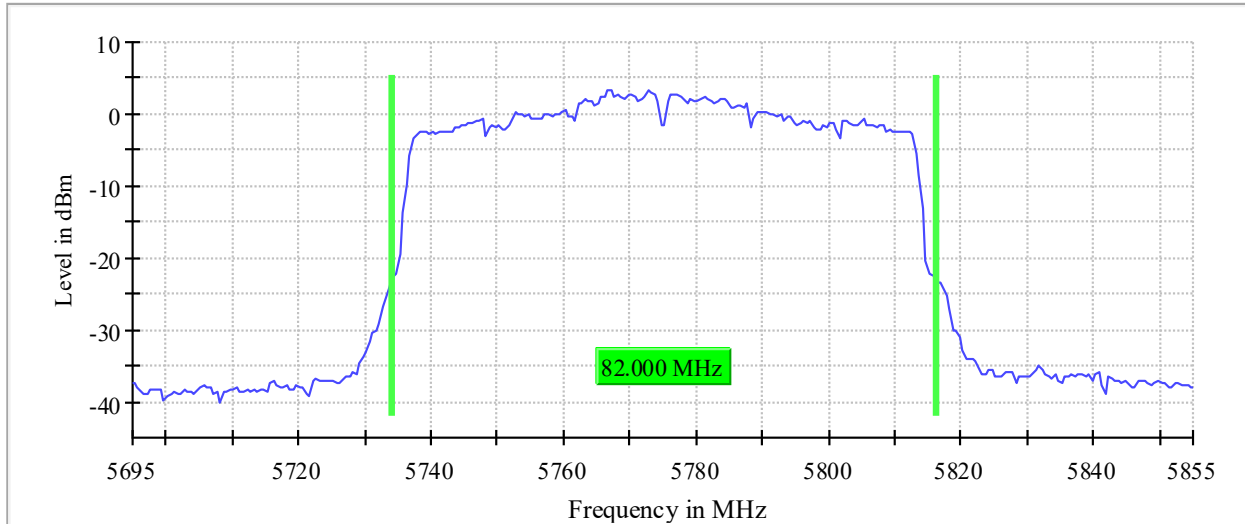


Operation Band MHz = [5150, 5850] Active Port = 2

Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



Modulation: 802.11ax HE80 SS1 (OFDMA MCS11)
Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5210.00000	160.000
		5290.00000	82.000
		5530.00000	82.500
		5610.00000	82.500
		5775.00000	82.000

Verdict

Pass

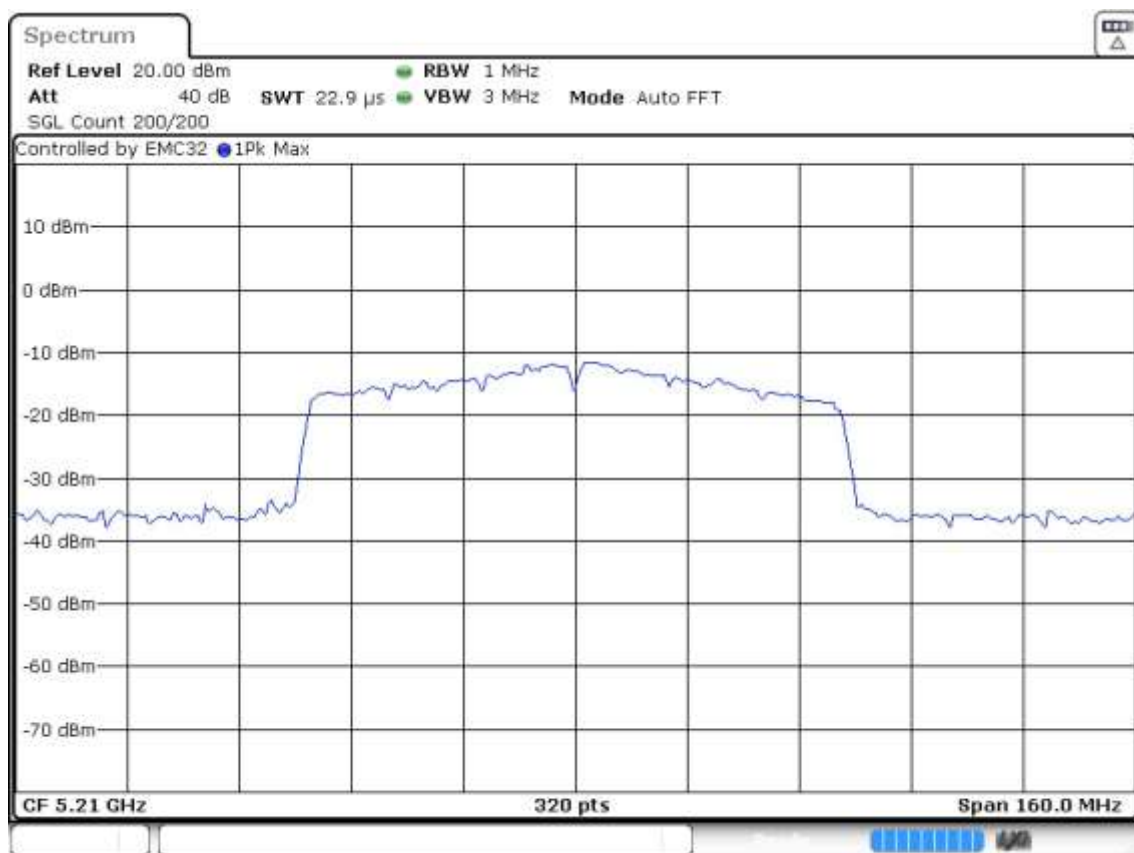
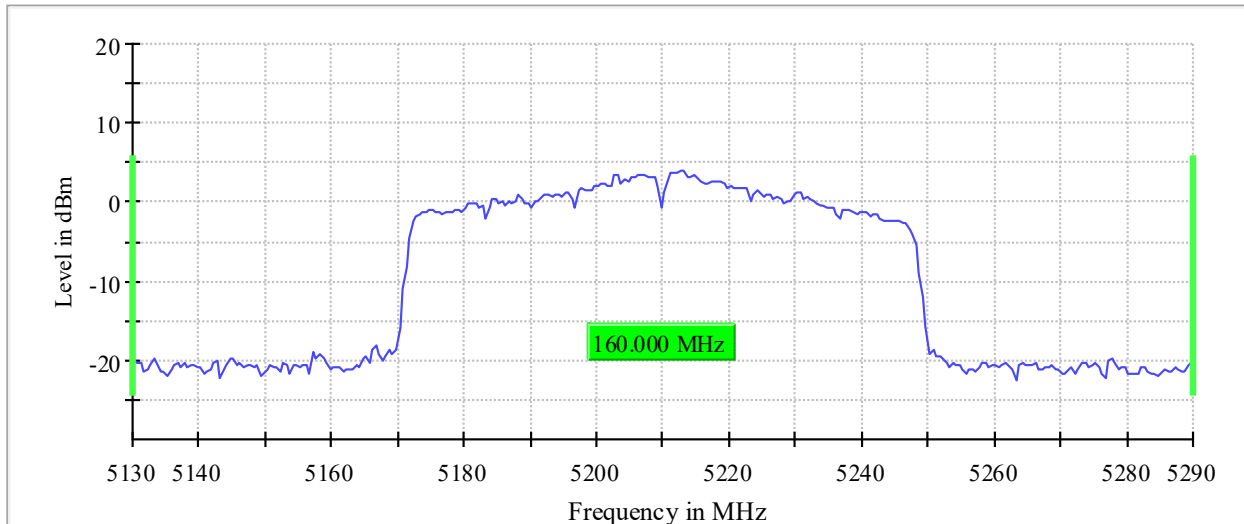
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



Date: 22 JAN 2026 22:22:50

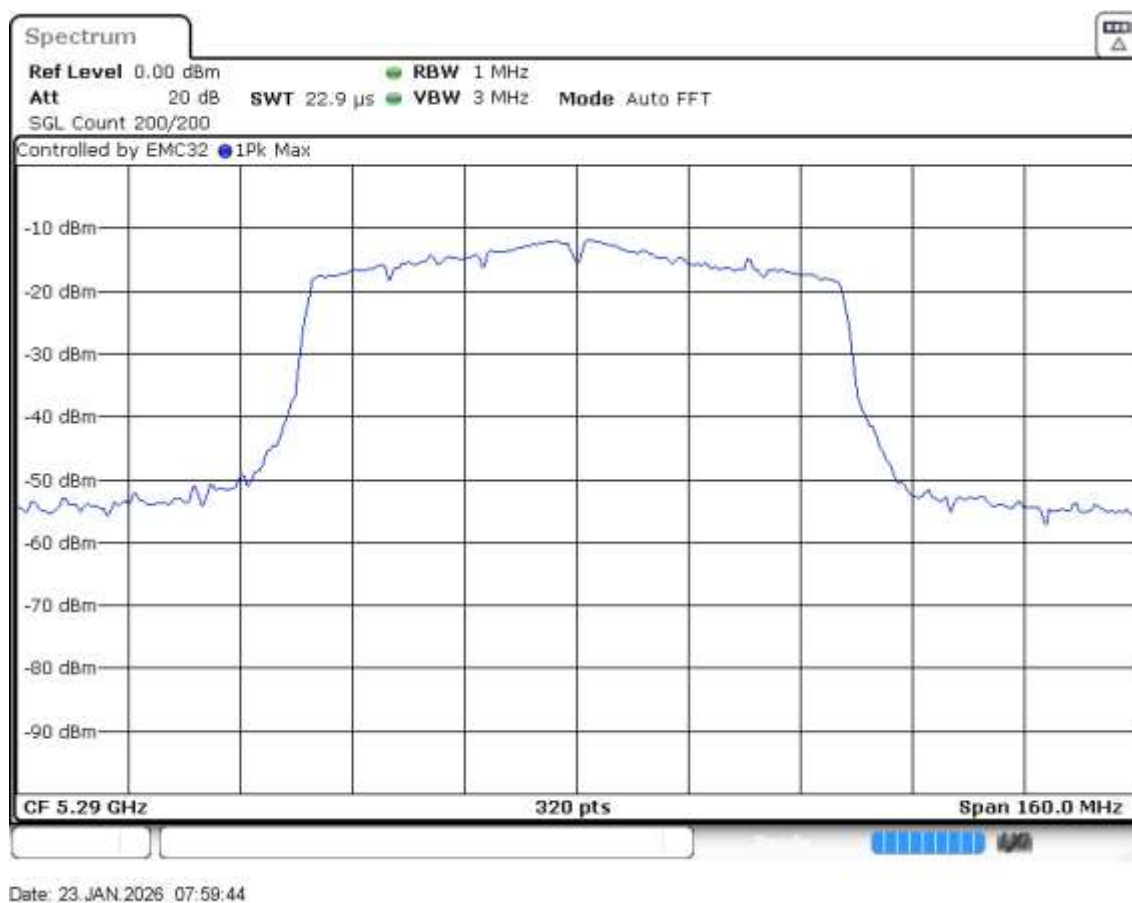
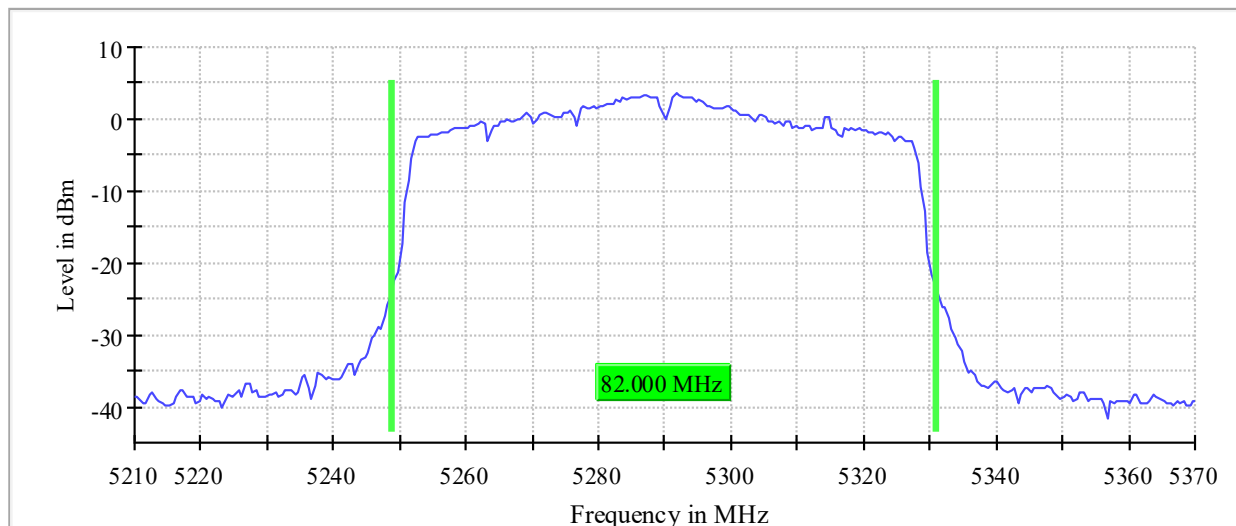
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5290.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



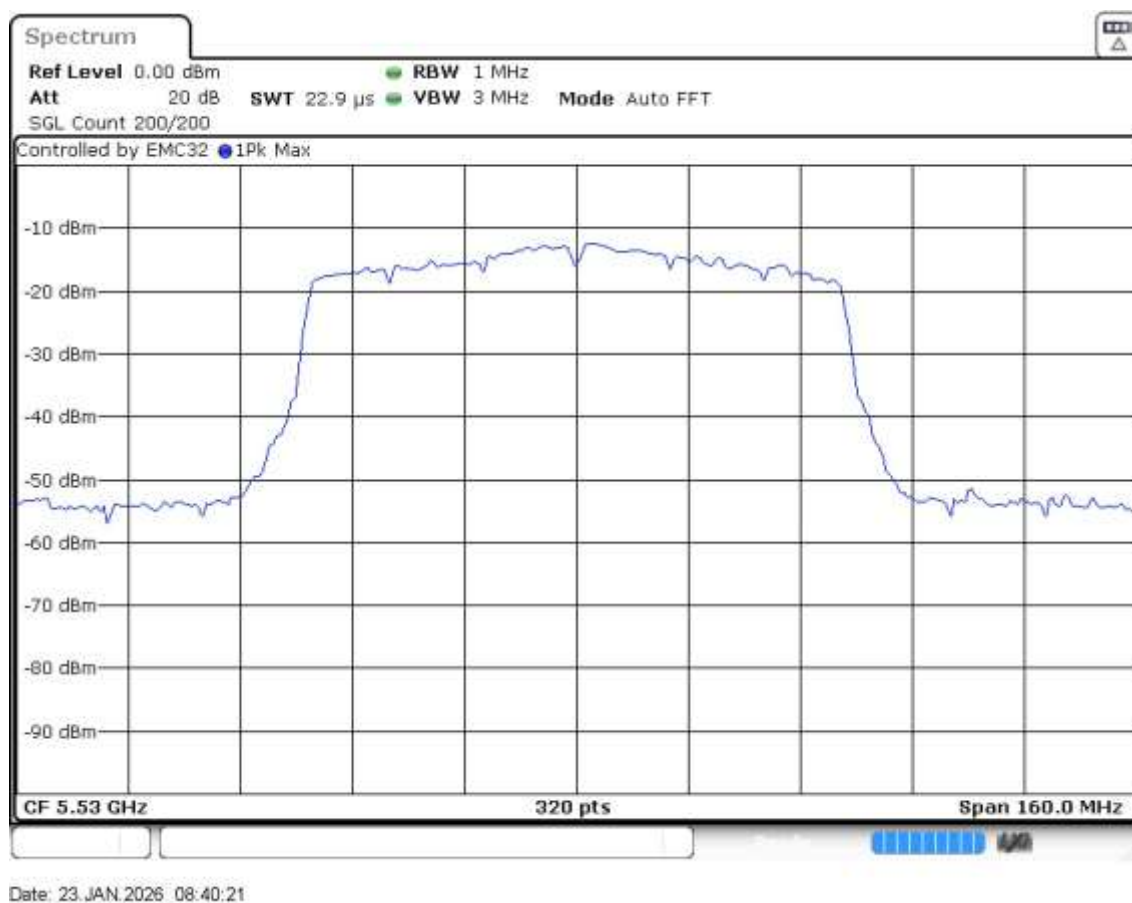
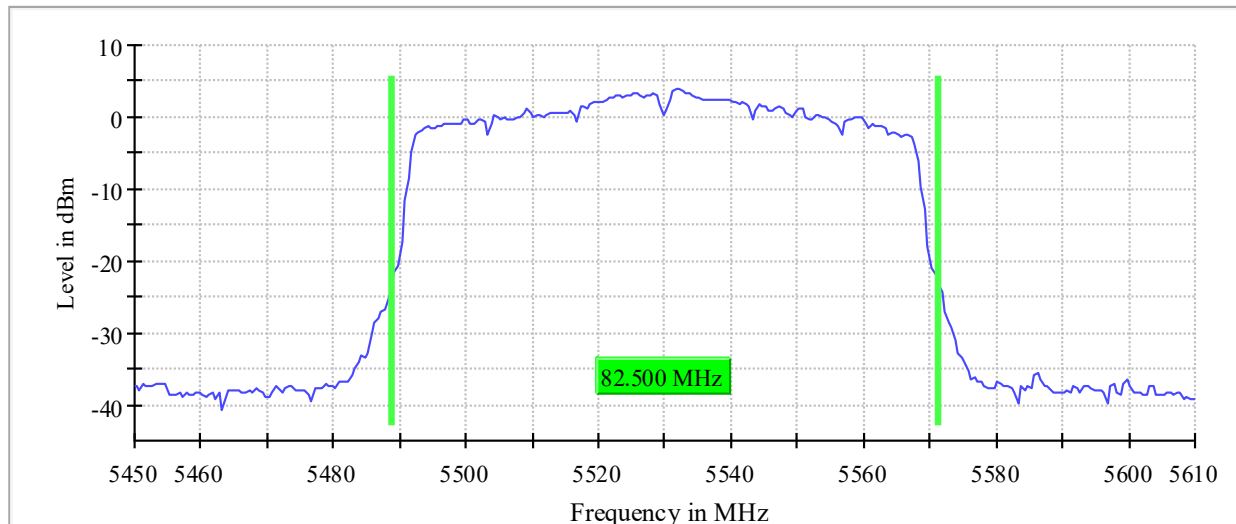
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5530.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



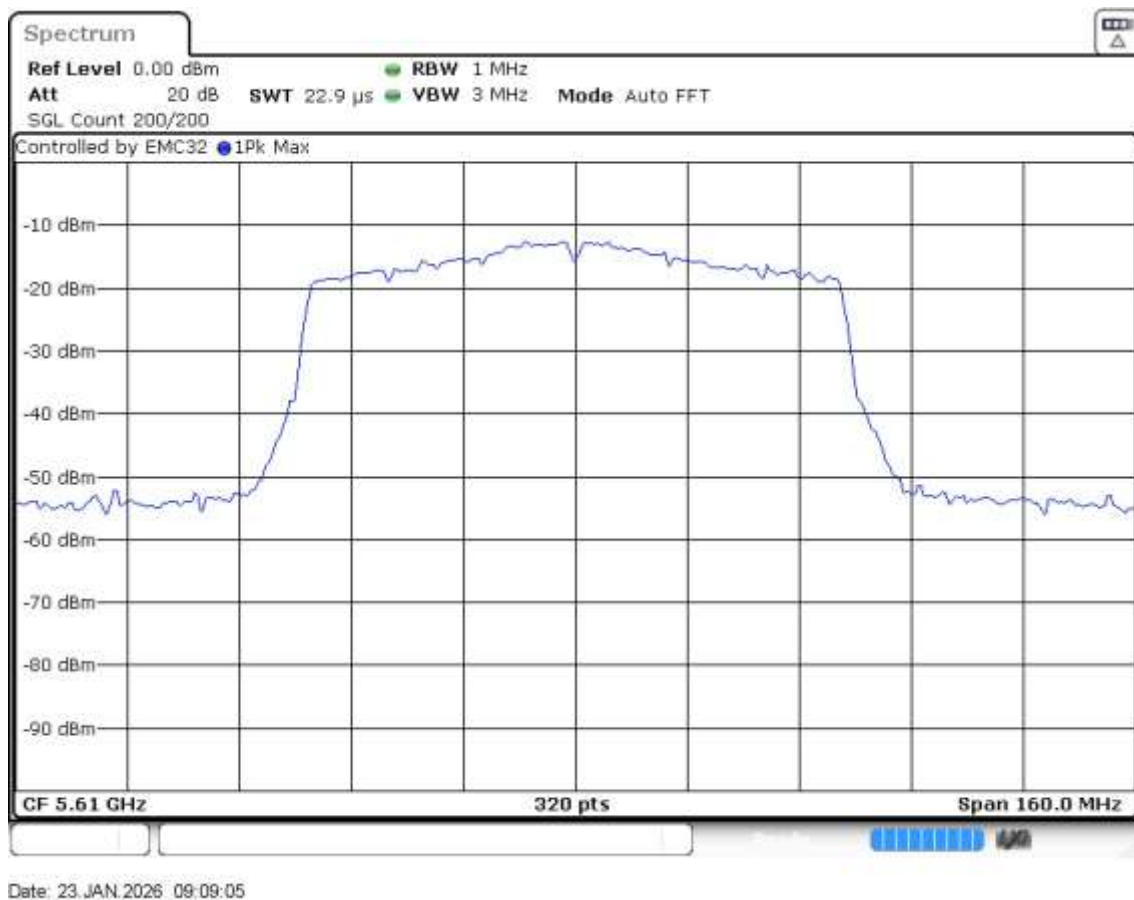
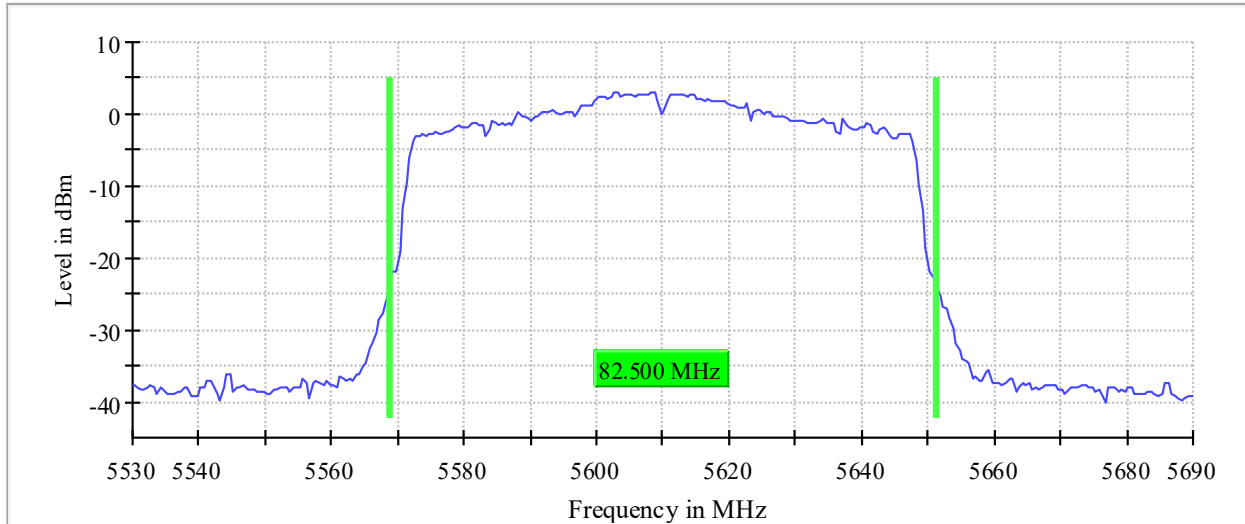
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5610.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



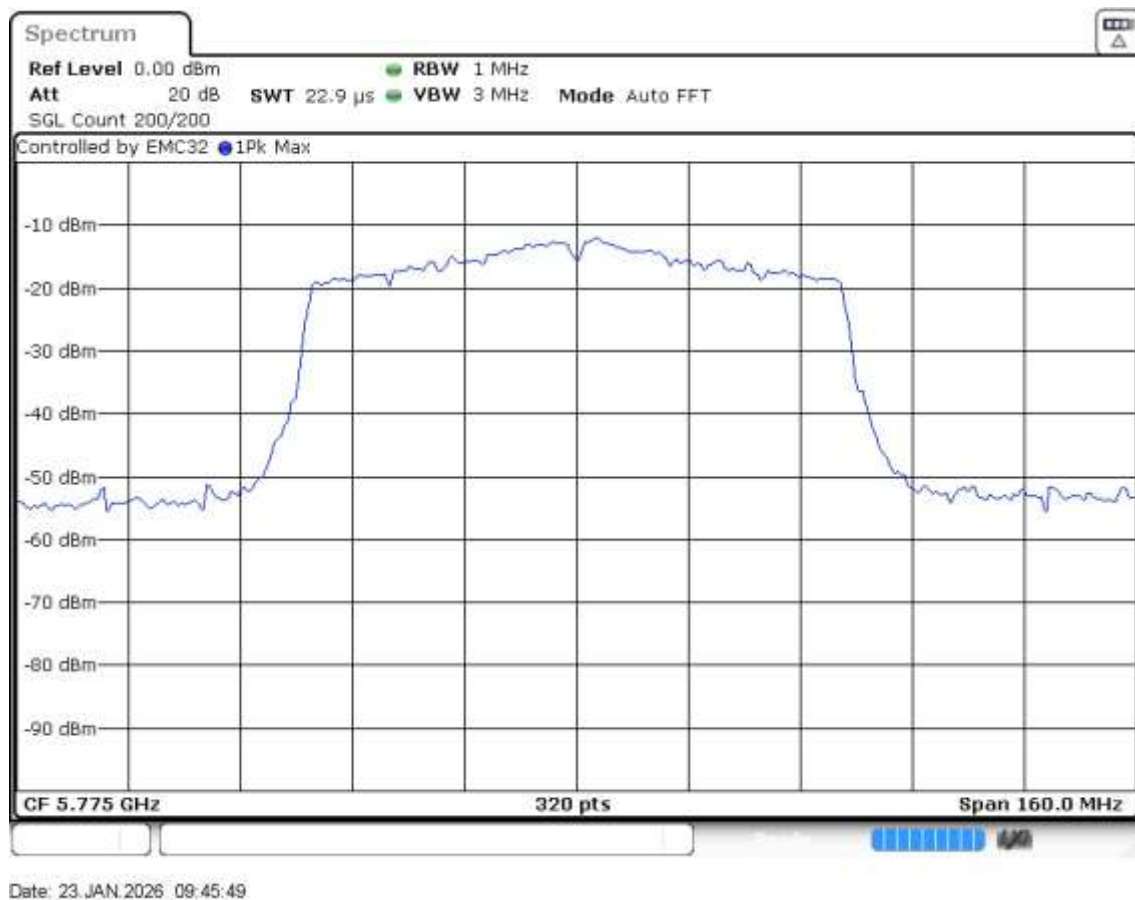
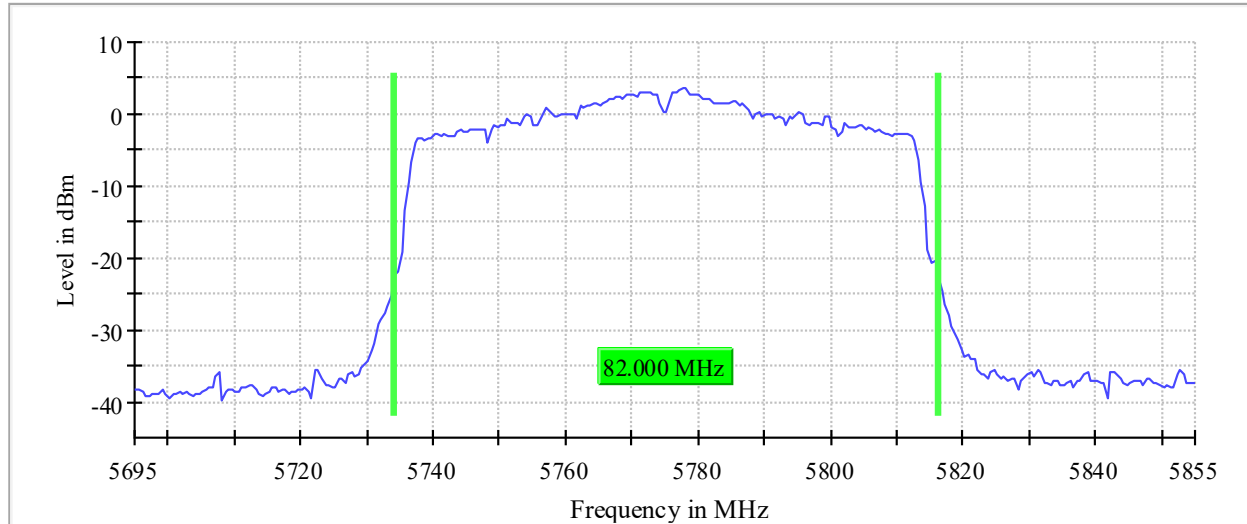
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5775.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

Images:

26 dB Bandwidth



Appendix B: Tests results for Partial RU

Appendix B

TEST CASES DETAILS	2151
FCC 47 CFR PART 15.407 / RSS-247 / RSS-248	2151
RSS-247 6.2.4.1 / FCC 15.407 (a) (3) [Avcp] Maximum Conducted output power UNII-3	2151
RSS-247 6.2.4.1 / FCC 15.407 (a) (3) [Psd] Transmitter Maximum Power Spectral Density UNII-3	2208
RSS-247 6.2.4.1 / FCC 15.407 (e) [6dBw] 6 dB Emission Bandwidth	2293
RSS-247 6.2.4.2 / FCC 15.407 (b) (4) [Bndedge] Transmitter Band Edge Radiated Emissions for UNII-3 ..	2318
RSS-Gen 6.6 / RSS-247 6.2 [99dBW] Transmitter 99% Occupied Bandwidth	2473
Section 15.407 Subclause 15.403(i) [Ebw] Transmitter 26 dB Emission Bandwidth (EBW)	2532

TEST CASES DETAILS

FCC 47 CFR Part 15.407 / RSS-247 / RSS-248

RSS-247 6.2.4.1 / FCC 15.407 (a) (3) [Avcp] Maximum Conducted output power UNII-3

Limits

FCC 15.407: For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W

RSS-247: The maximum conducted output power shall not exceed 1 W.

Modulation: 802.11ax HE20 SS1 (OFDMA MCS0) - RU

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5180.00000	No	7.60	-0.10
		5200.00000		6.60	-1.10
		5240.00000		6.70	-1.00
		5260.00000		7.50	-0.20
		5280.00000		7.20	-0.50
		5320.00000		6.80	-0.90
		5500.00000		8.50	0.80
		5580.00000		4.20	-3.50
		5700.00000		9.00	1.30
		5745.00000		5.20	-2.50
		5785.00000		5.40	-2.30
		5825.00000		6.90	-0.80
	1+2	5180.00000		9.40	1.70
		5200.00000		8.20	0.50
		5240.00000		8.20	0.50
		5260.00000		8.70	1.00
		5280.00000		8.40	0.70
		5320.00000		8.40	0.70
		5500.00000		8.00	0.30
		5580.00000		6.70	-1.00
		5700.00000		8.00	0.30
		5745.00000		7.80	0.10
		5785.00000		7.60	-0.10
		5825.00000		8.80	1.10

Verdict

Pass

Attachments

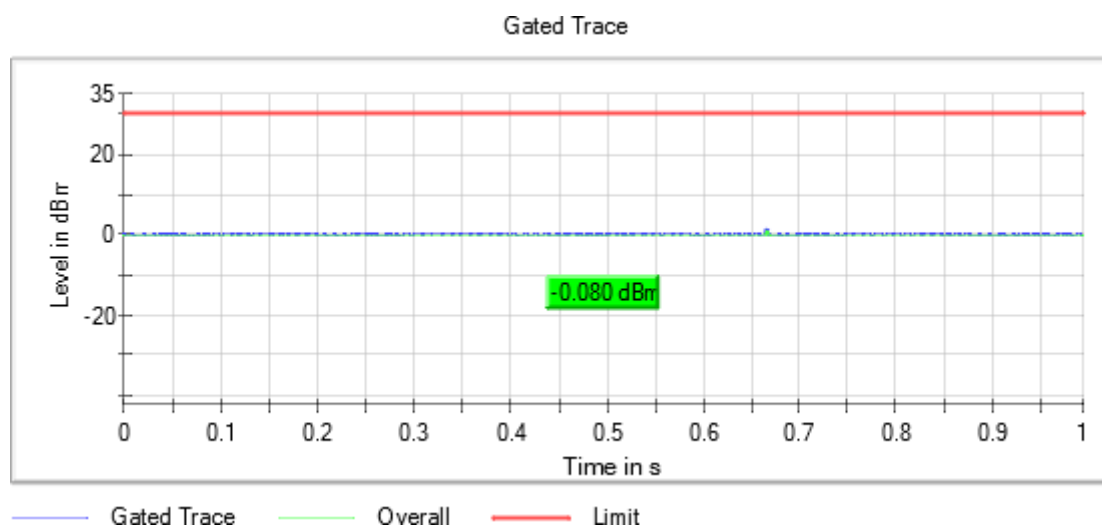
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

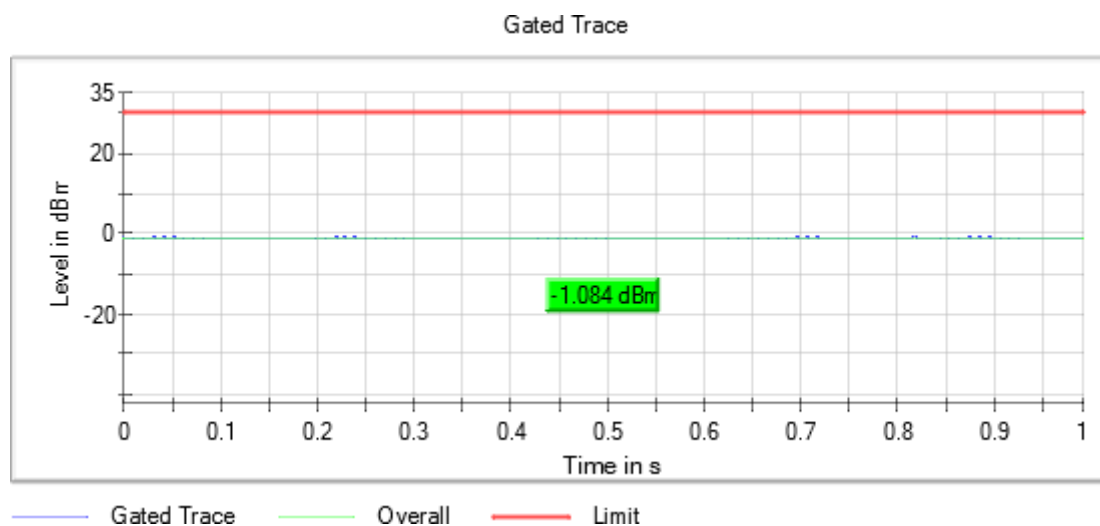
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

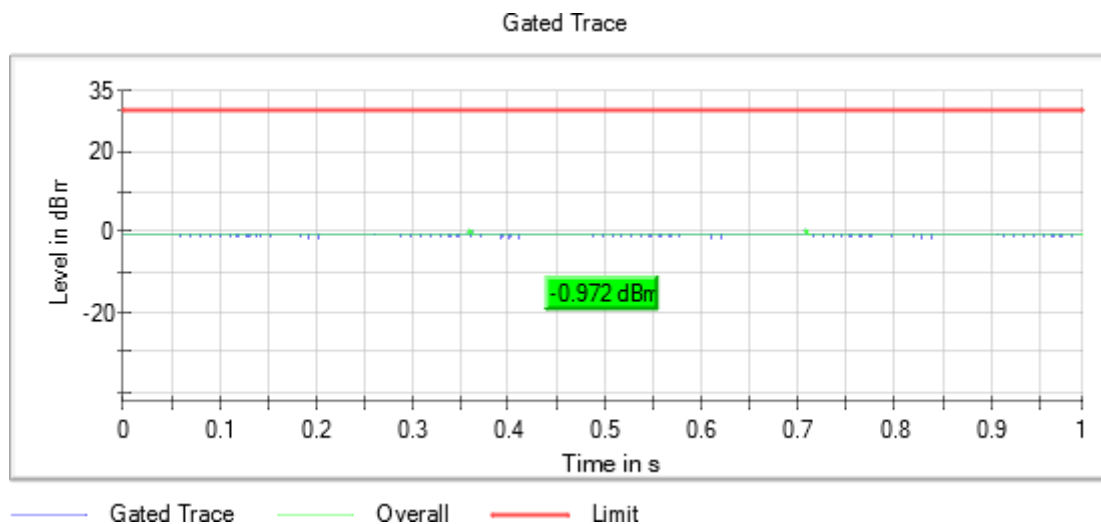
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

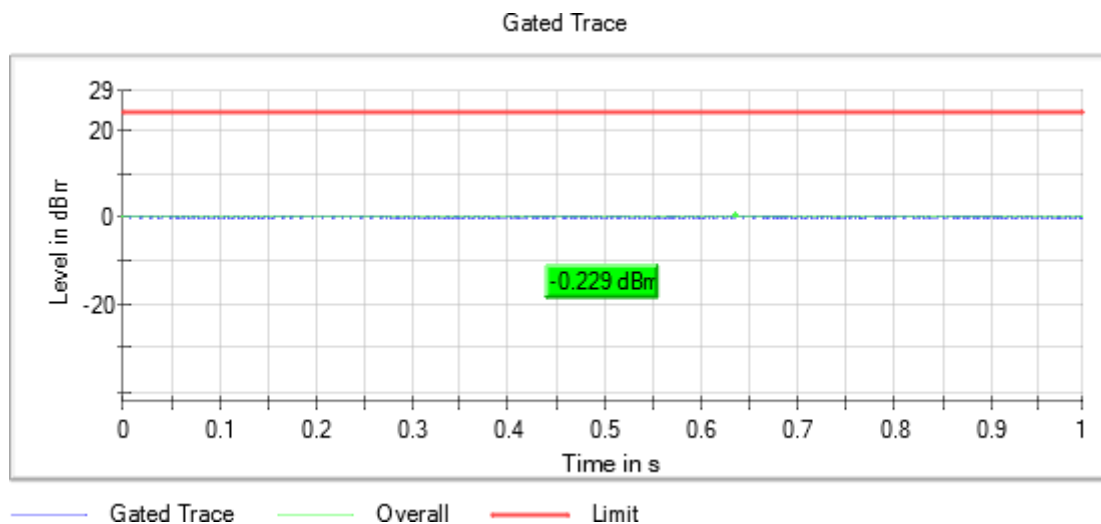
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5260.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

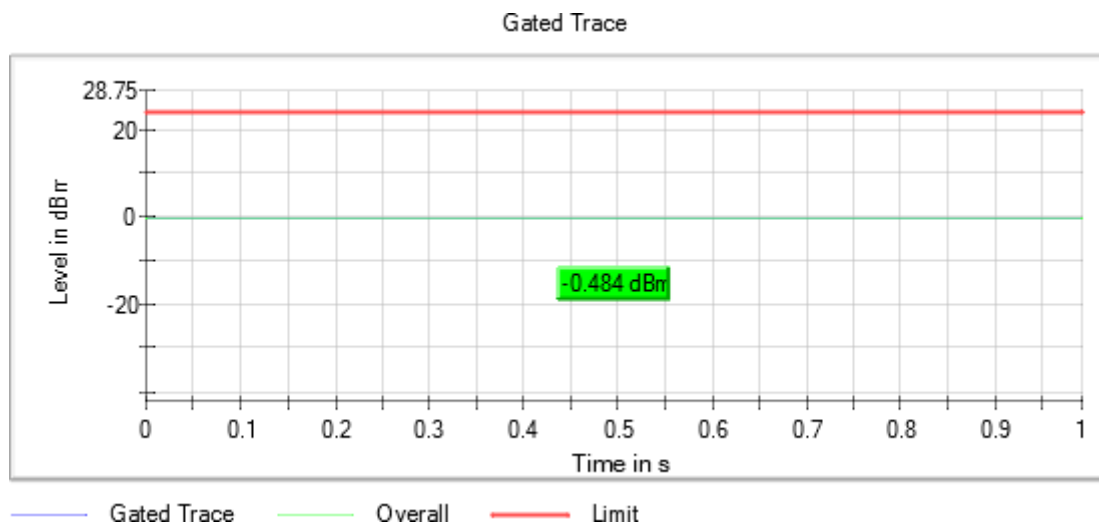
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5280.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

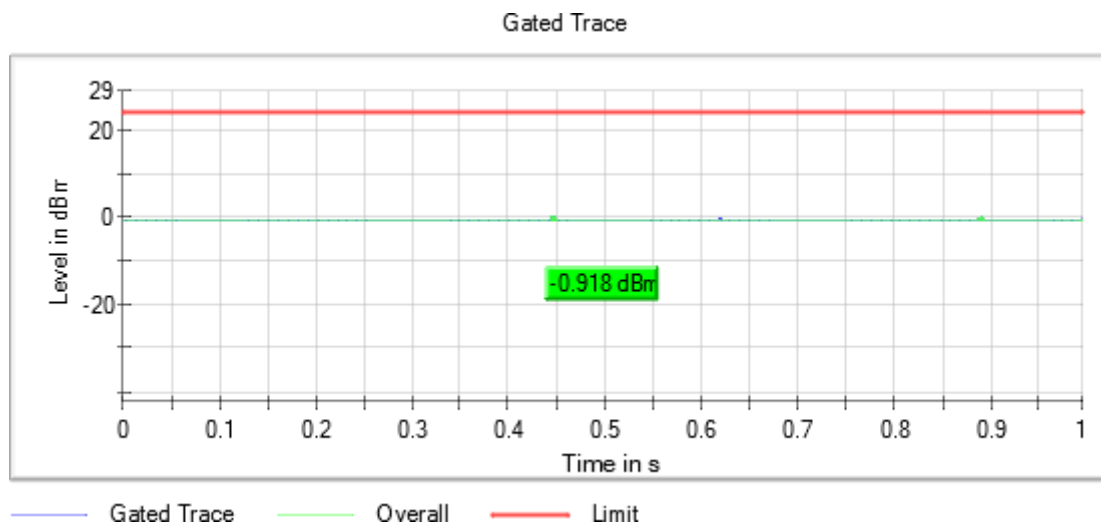
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5320.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

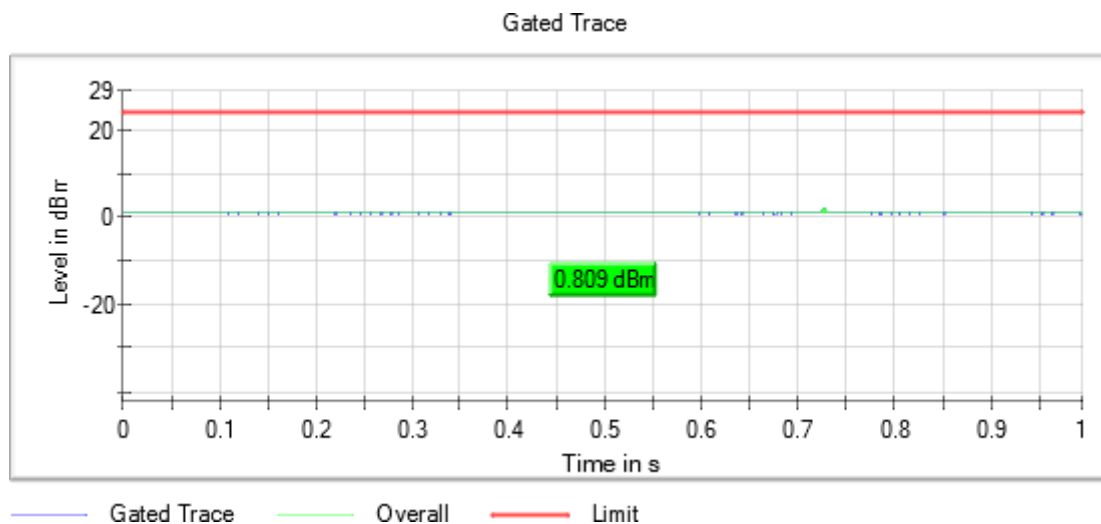
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5500.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



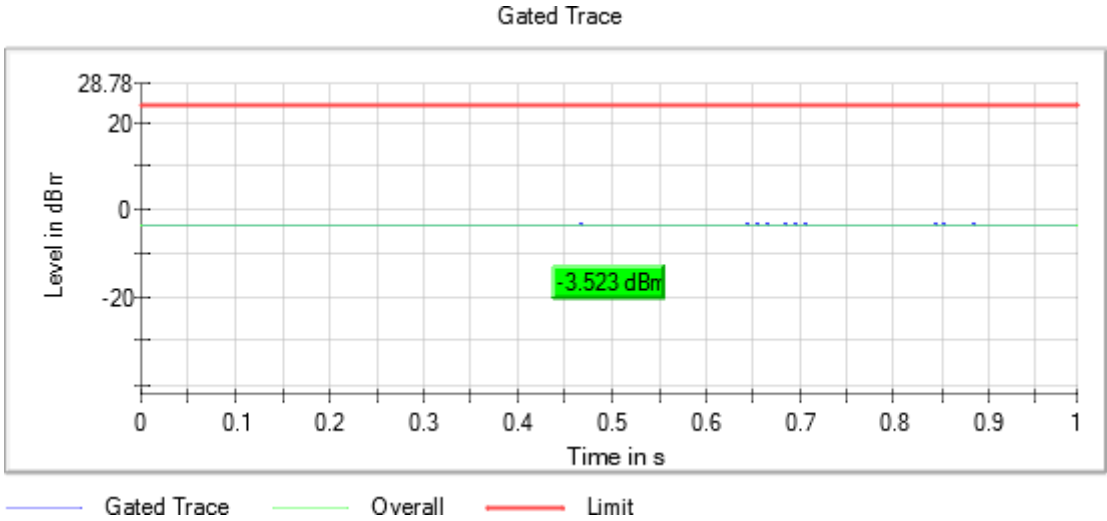
Tables:

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 = 5580.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU
TPC = No

Images:



Tables:
Spectrum Analyzer Parameters

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

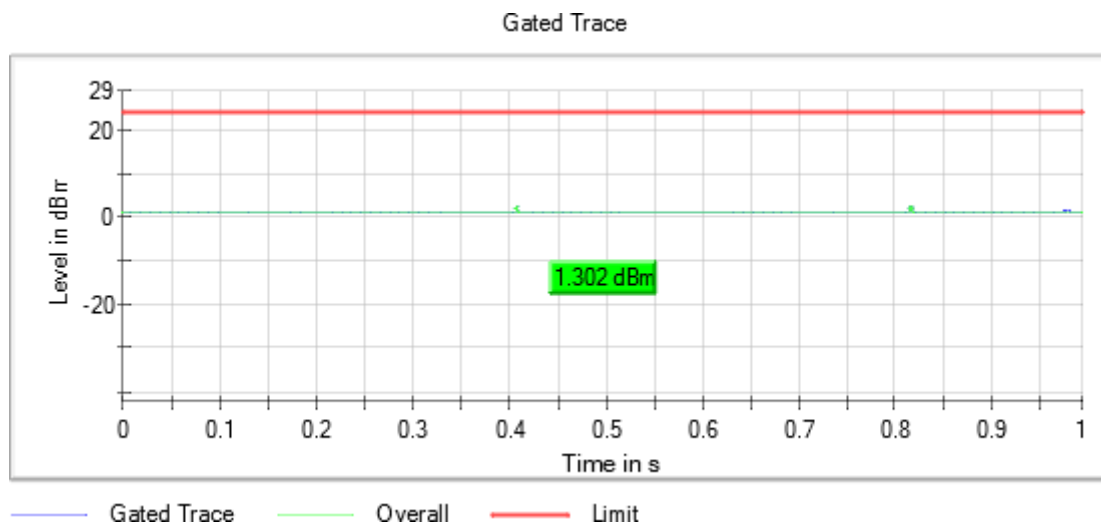
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5700.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

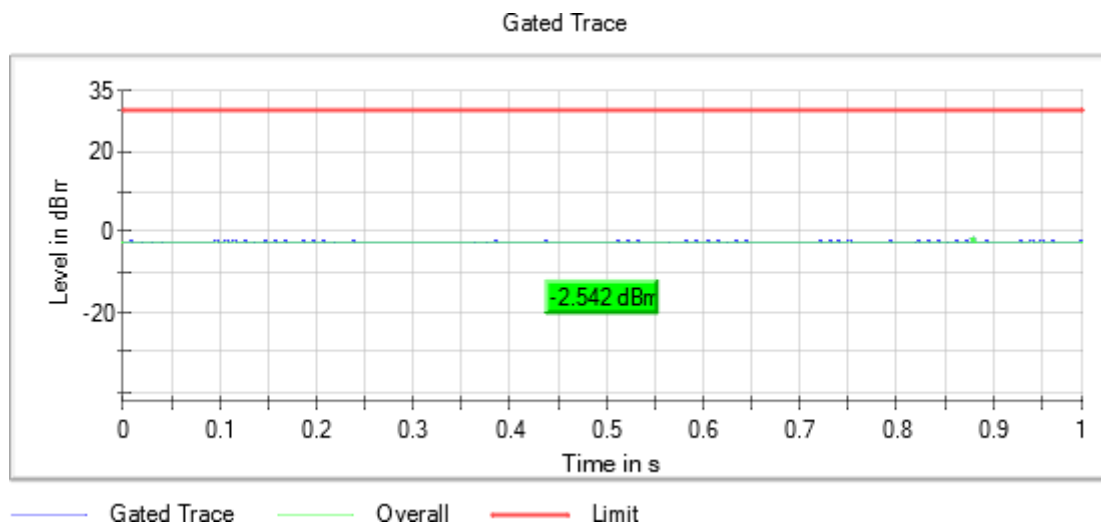
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

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

Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

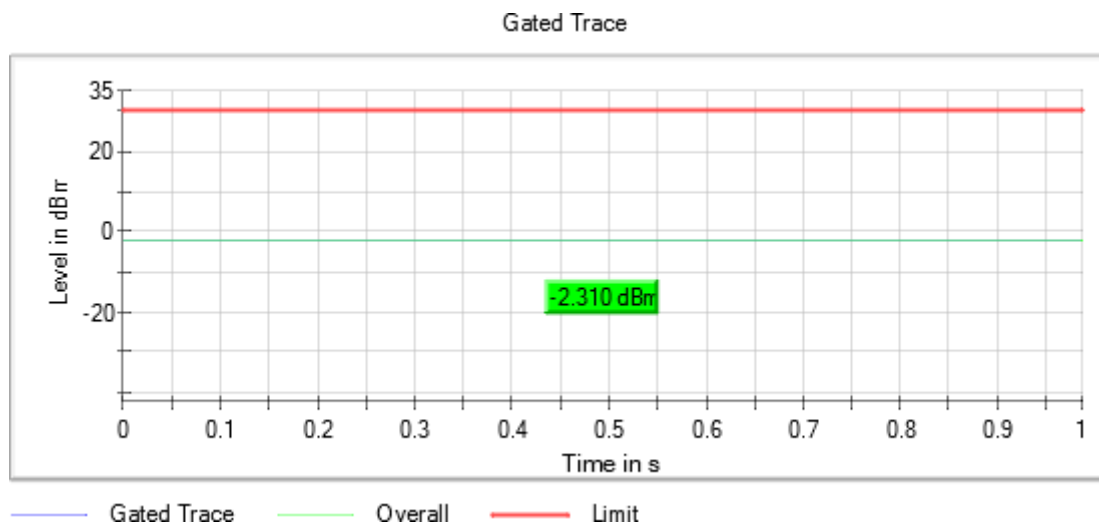
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

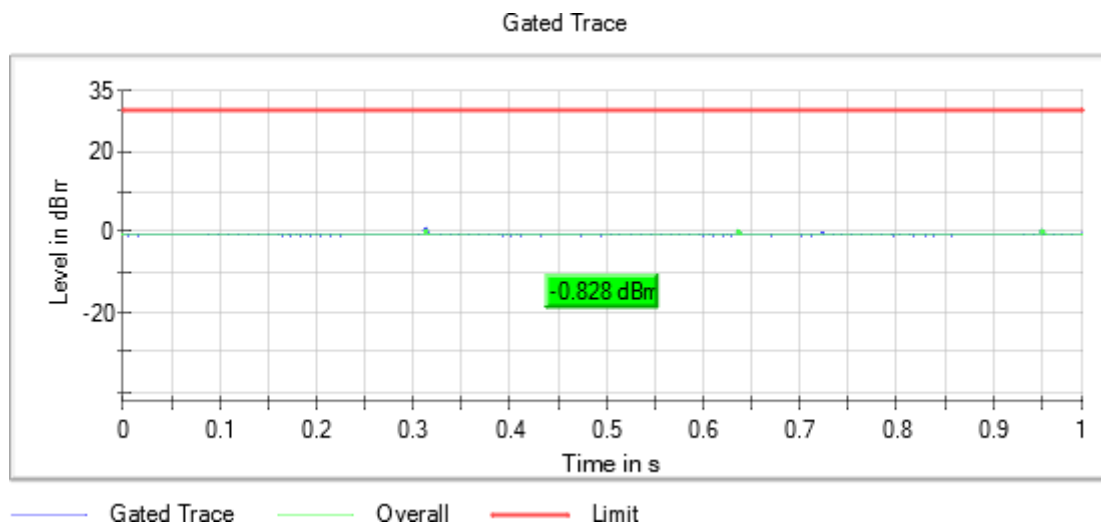
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

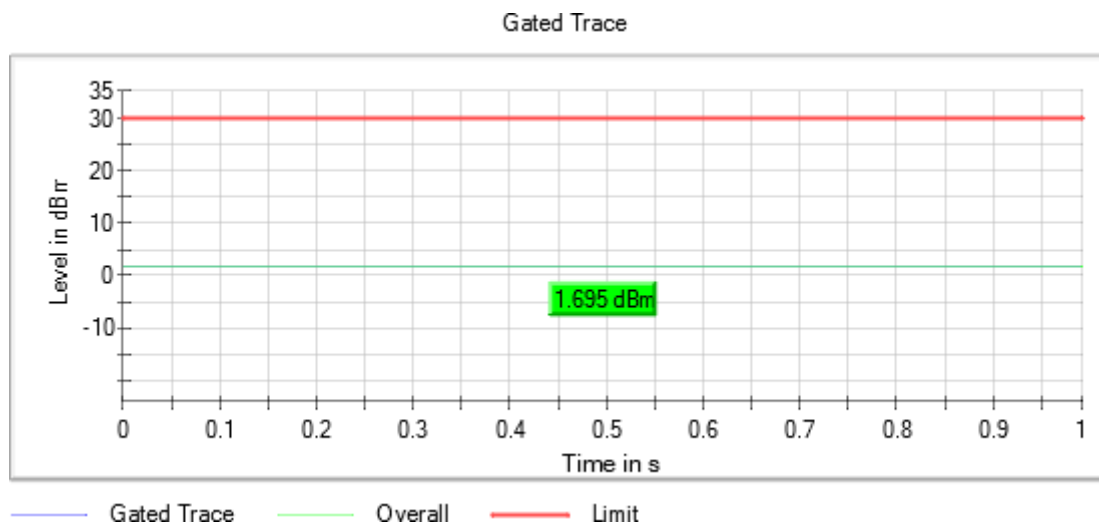
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5180.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

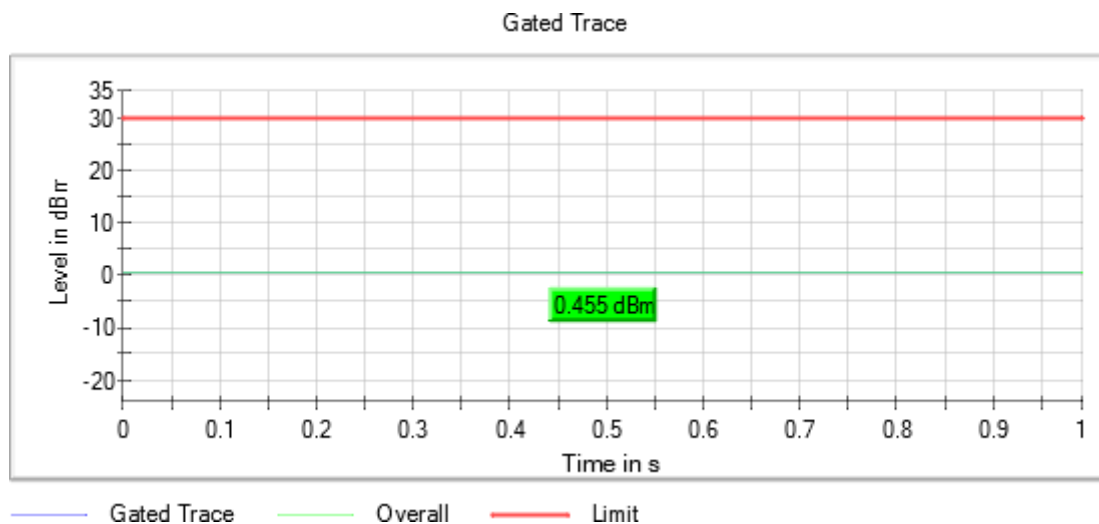
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

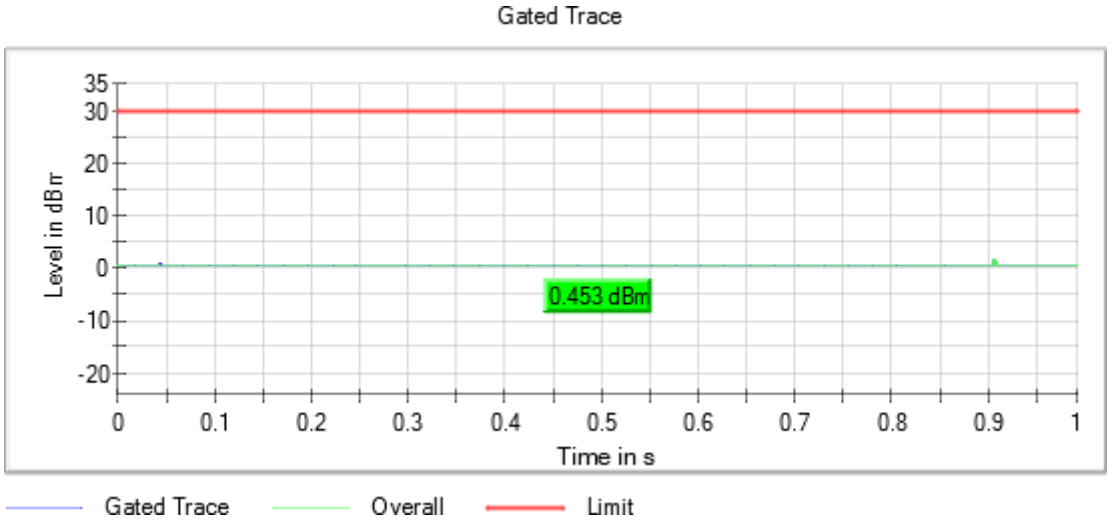
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

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

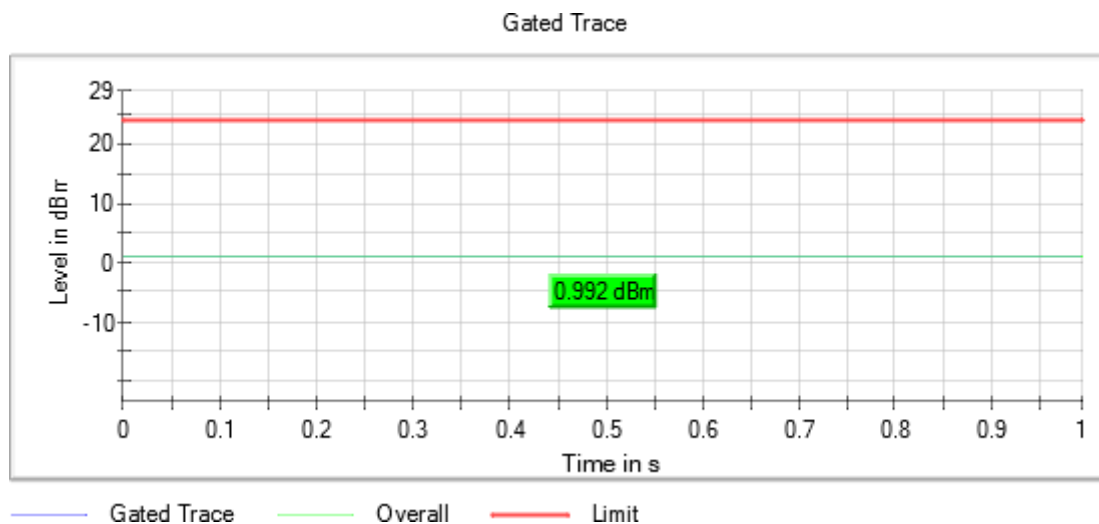
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5260.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

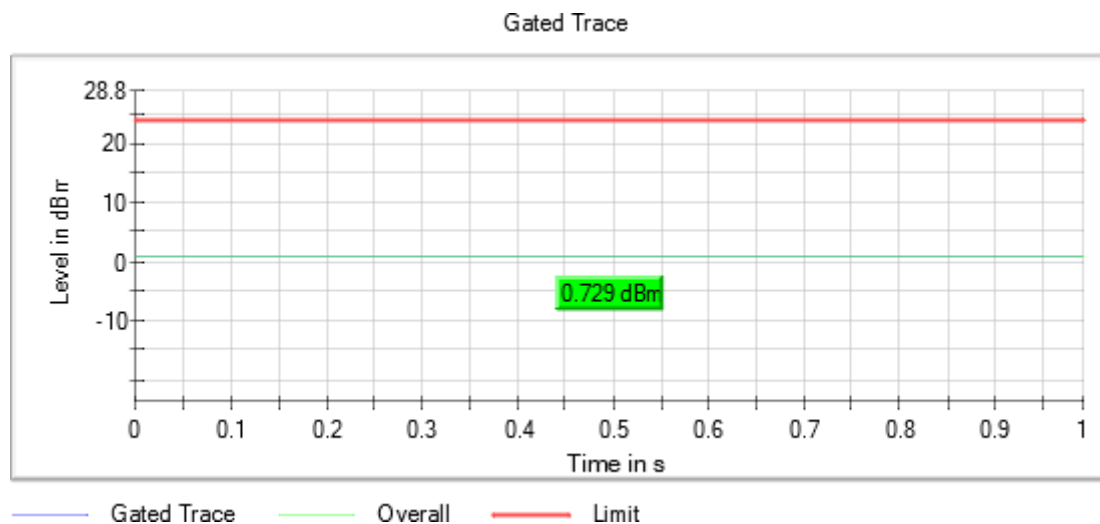
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5280.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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+2

Frequency MHz = 5320.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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+2

Frequency MHz = 5500.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

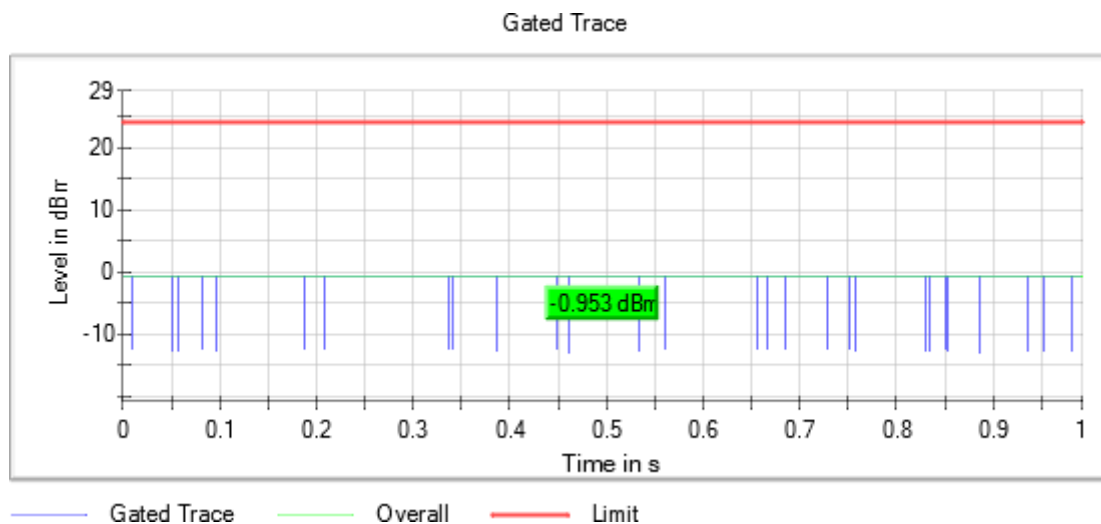
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5580.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

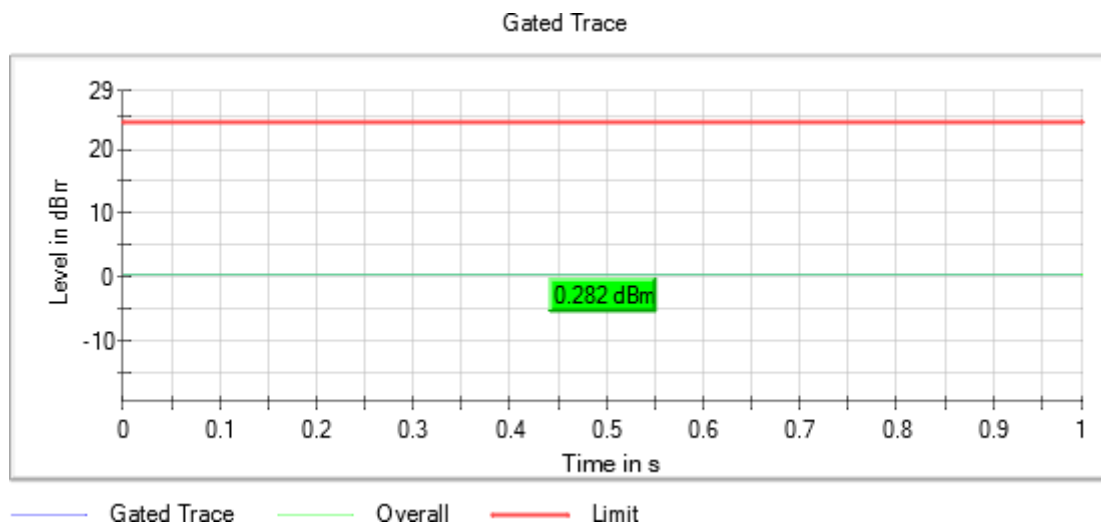
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5700.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

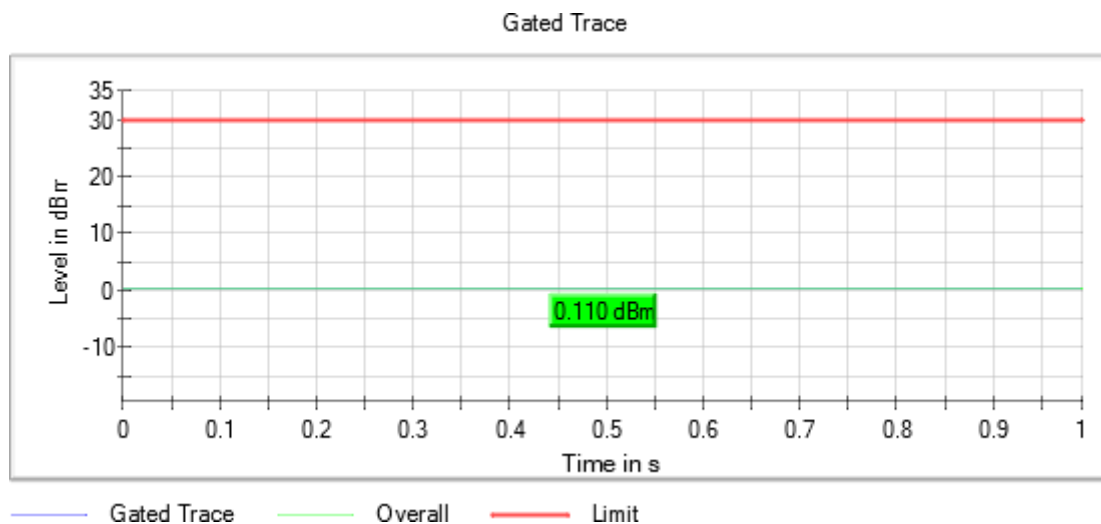
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5745.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

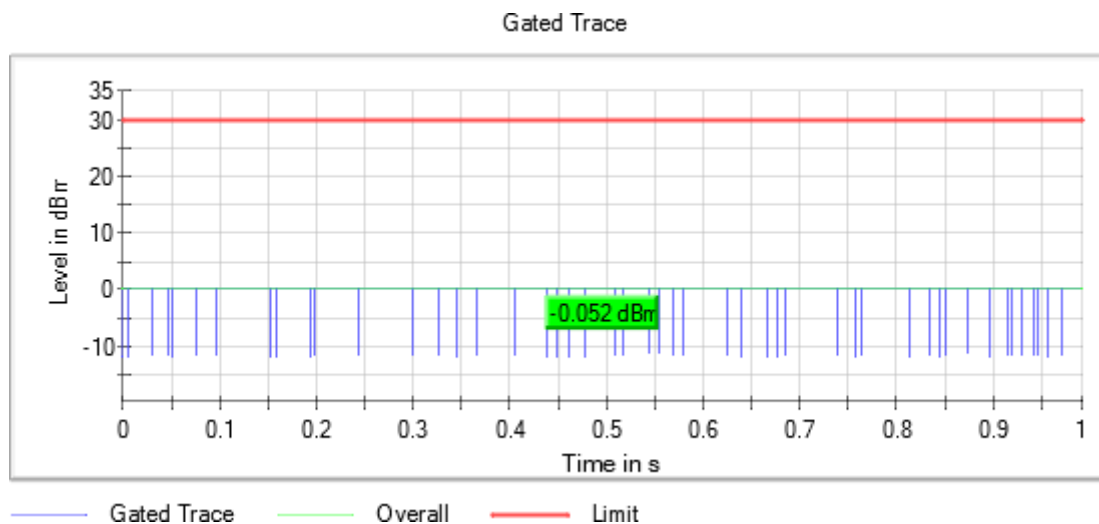
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

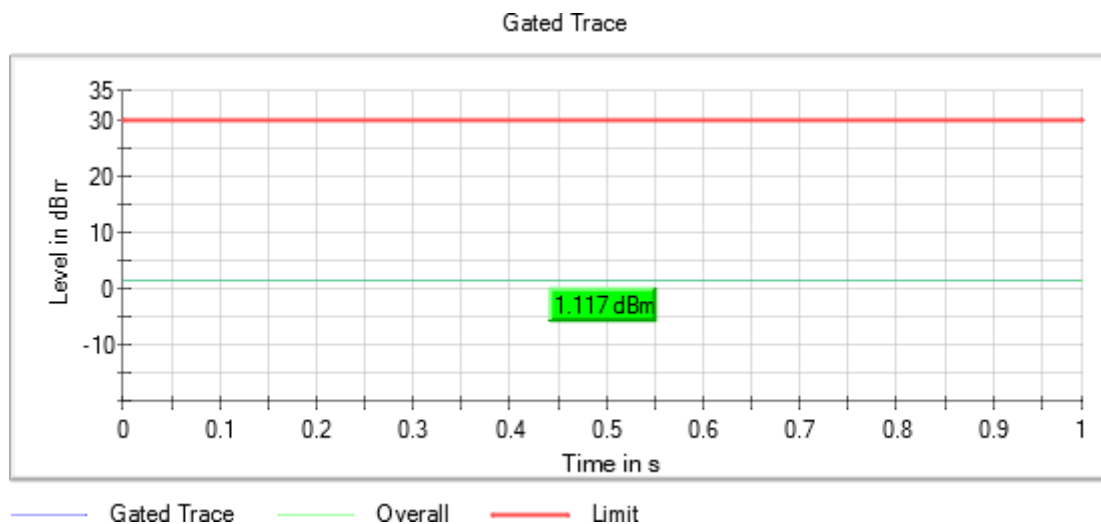
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5825.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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: 802.11ax HE40 SS1 (OFDMA MCS0) - RU

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5190.00000	No	7.60	-0.10
		5230.00000		6.80	-0.90
		5270.00000		6.90	-0.80
		5310.00000		6.30	-1.40
		5510.00000		7.80	0.10
		5550.00000		7.30	-0.40
		5670.00000		5.10	-2.60
		5755.00000		5.10	-2.60
		5795.00000		5.90	-1.80
	1+2	5190.00000		7.60	-0.10
		5230.00000		6.60	-1.10
		5270.00000		6.60	-1.10
		5310.00000		6.00	-1.70
		5510.00000		5.70	-2.00
		5550.00000		5.30	-2.40
		5670.00000		6.00	-1.70
		5755.00000		6.20	-1.50
		5795.00000		6.70	-1.00

Verdict

Pass

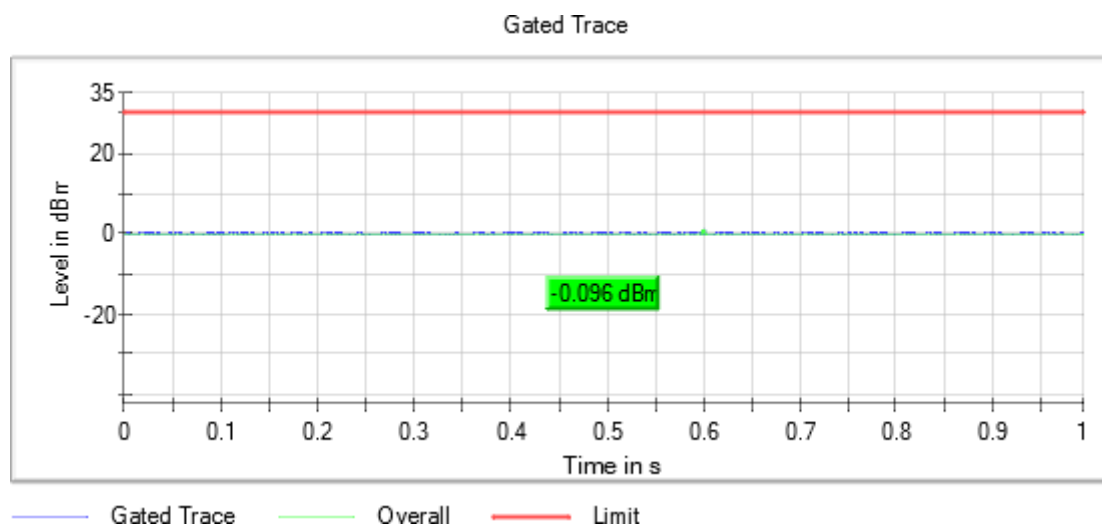
Attachments

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

Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

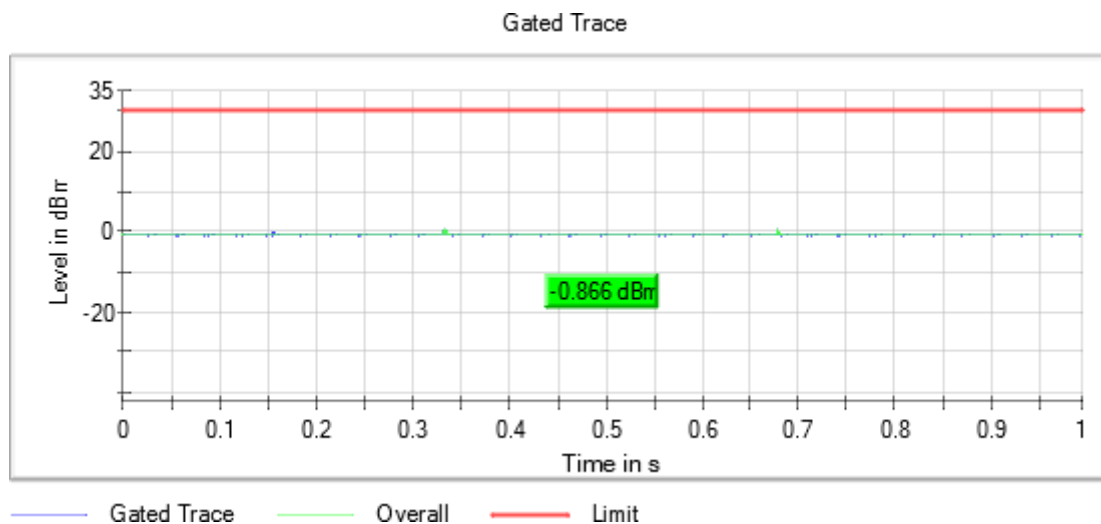
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

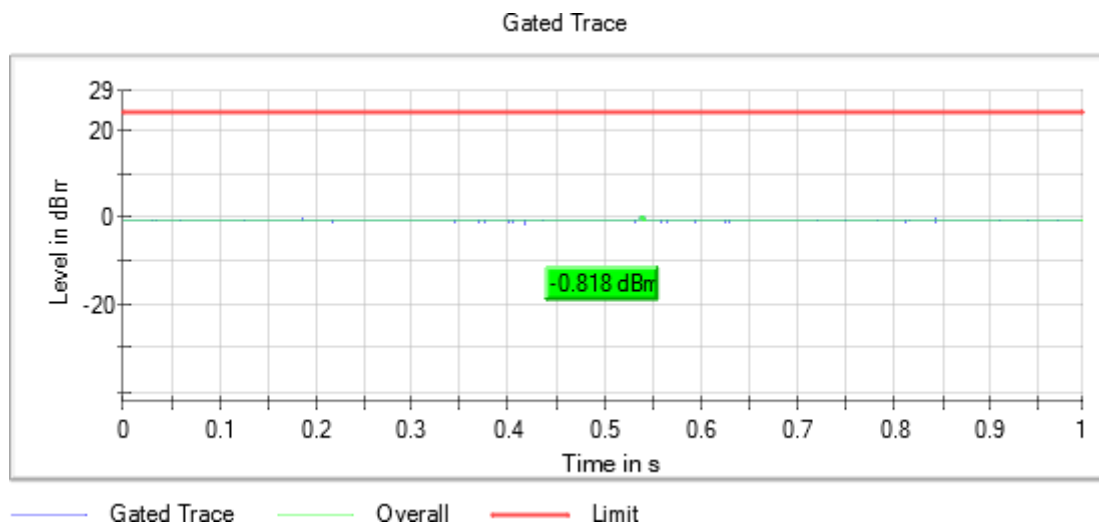
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5270.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

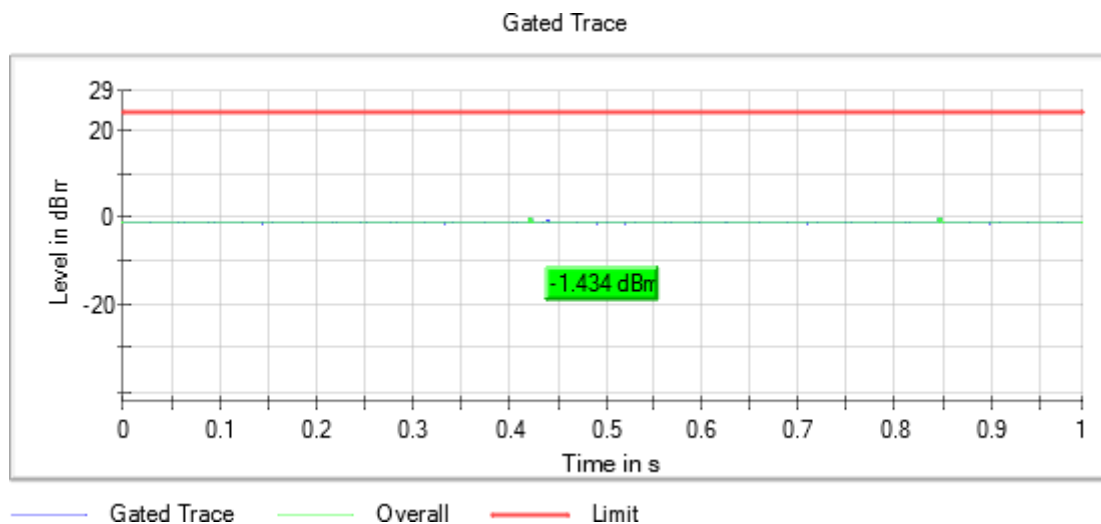
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

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

Frequency MHz = 5310.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



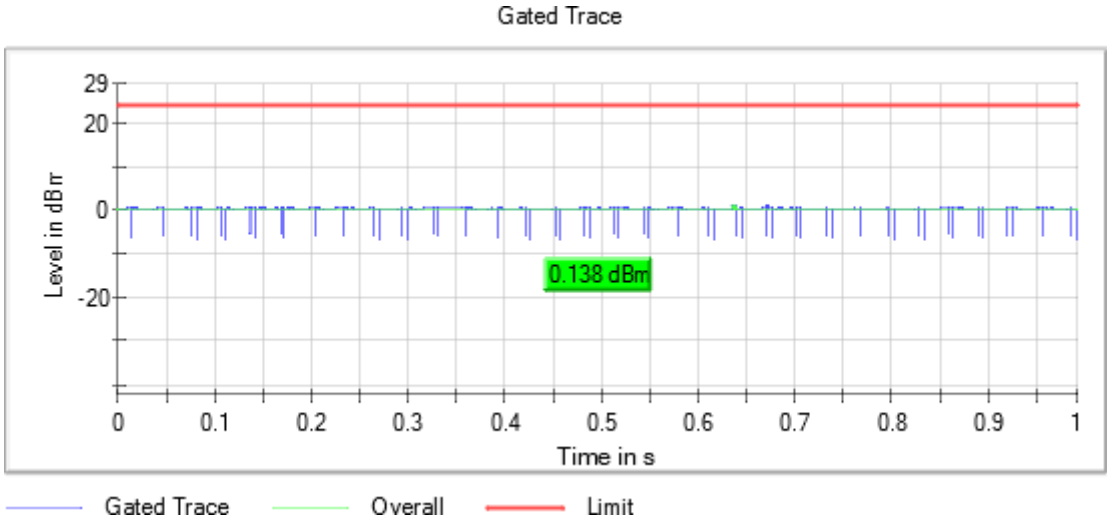
Tables:

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 = 5510.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU
TPC = No

Images:



Tables:
Spectrum Analyzer Parameters

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

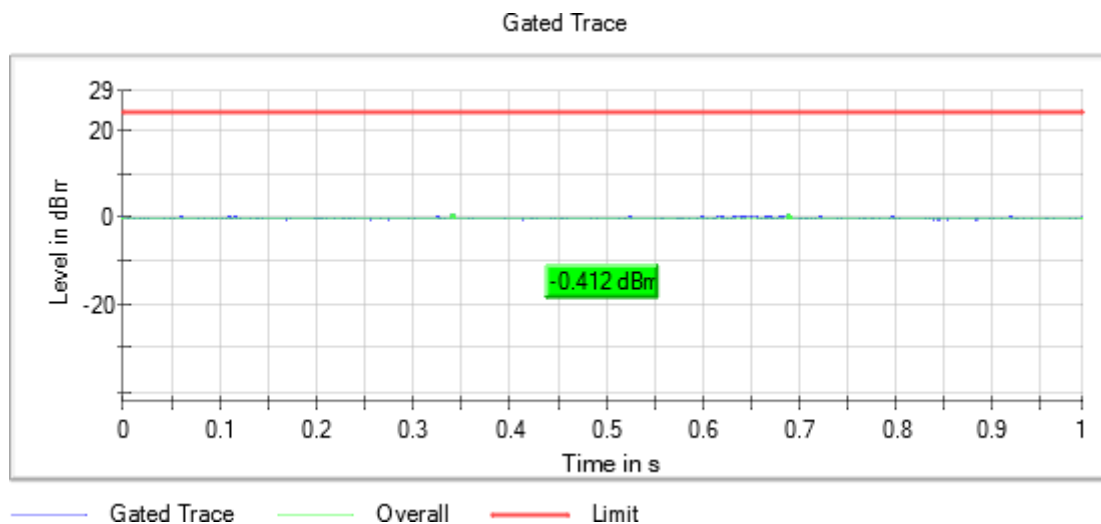
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5550.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

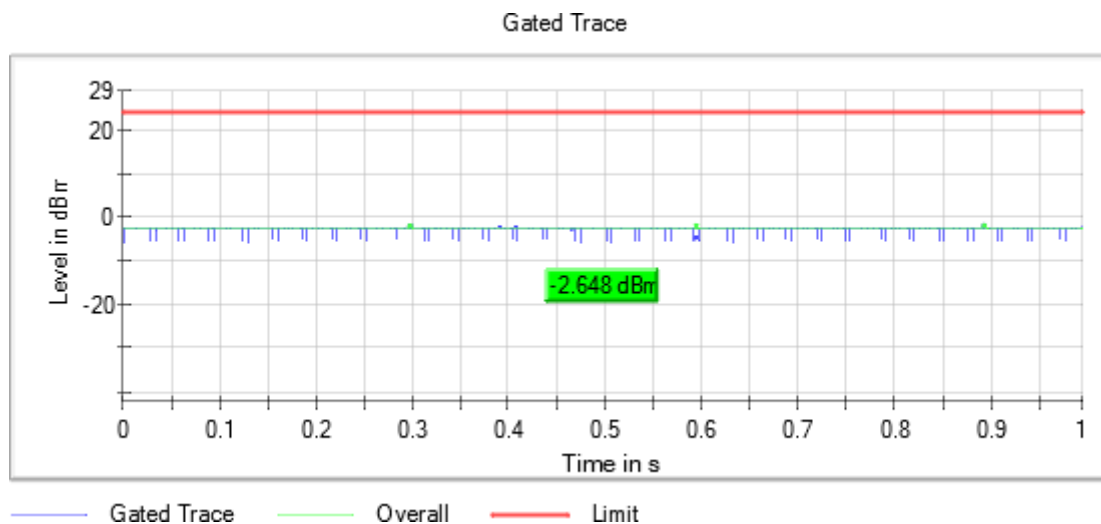
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5670.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

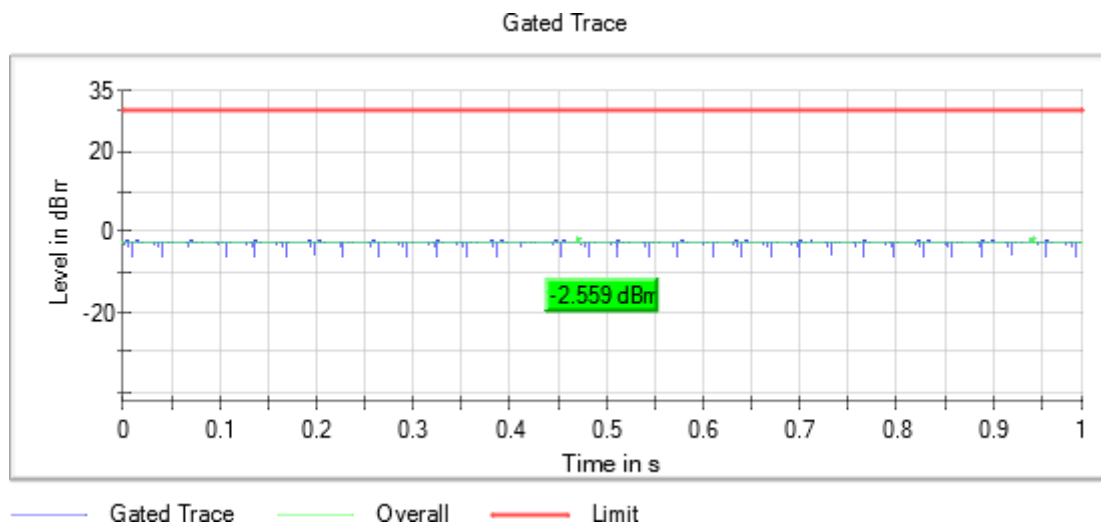
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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 = 802.11ax HE40 SS1 (OFDMA MCS0) - RU
TPC = No

Images:

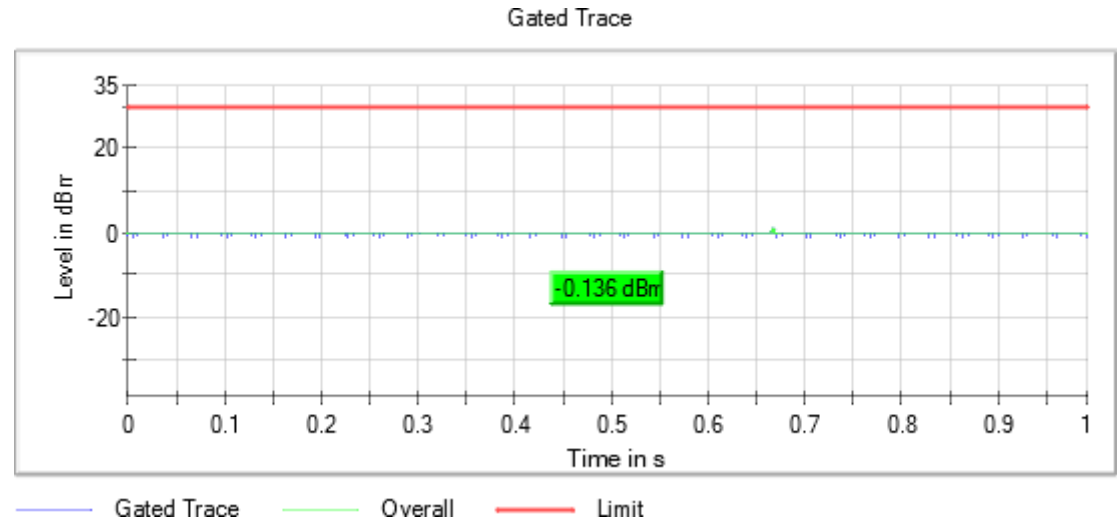


Tables:
Spectrum Analyzer Parameters

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

Operation Band MHz = [5150, 5850] Active Port = 1+2
Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU
TPC = No

Images:



Tables:
Spectrum Analyzer Parameters

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

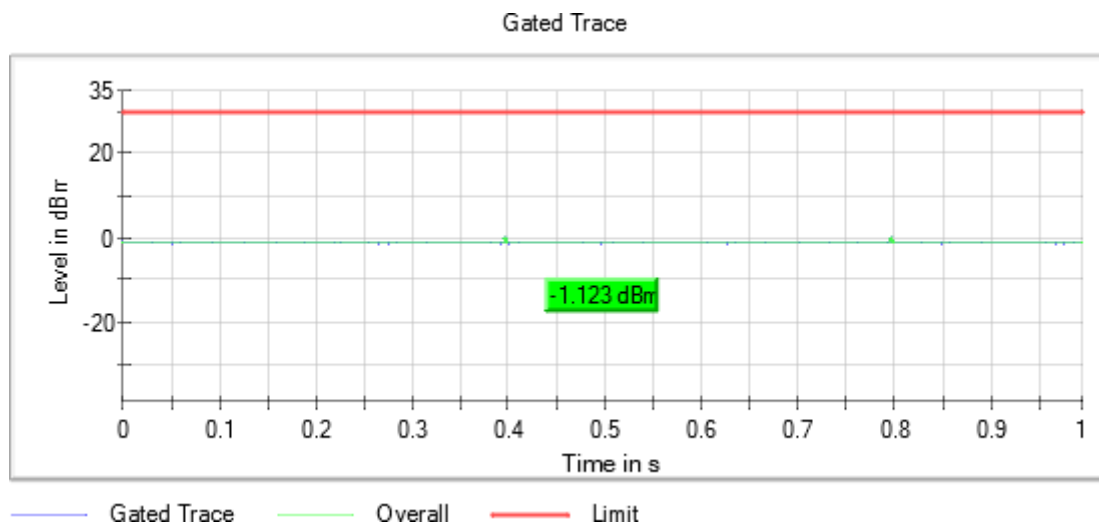
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5230.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

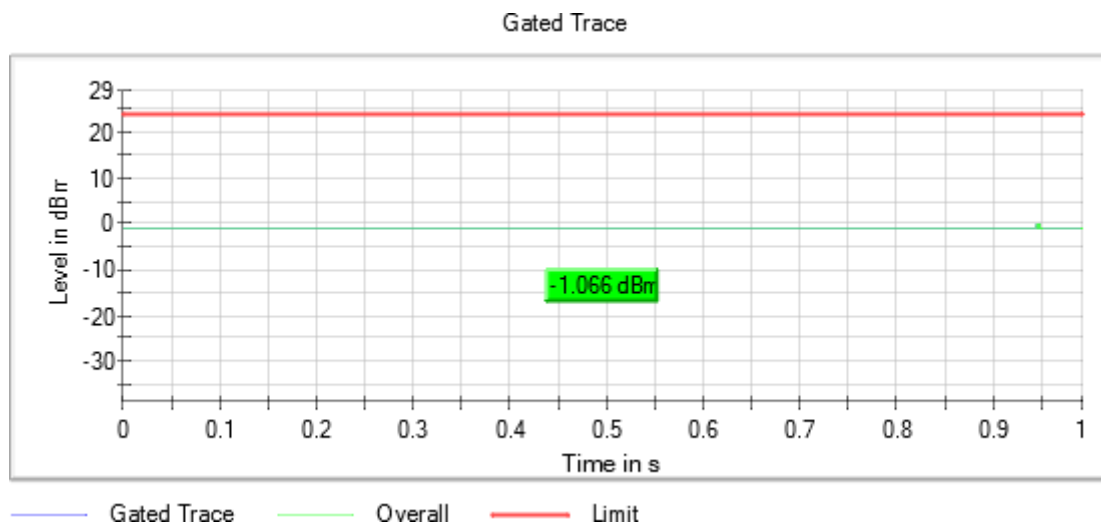
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5270.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



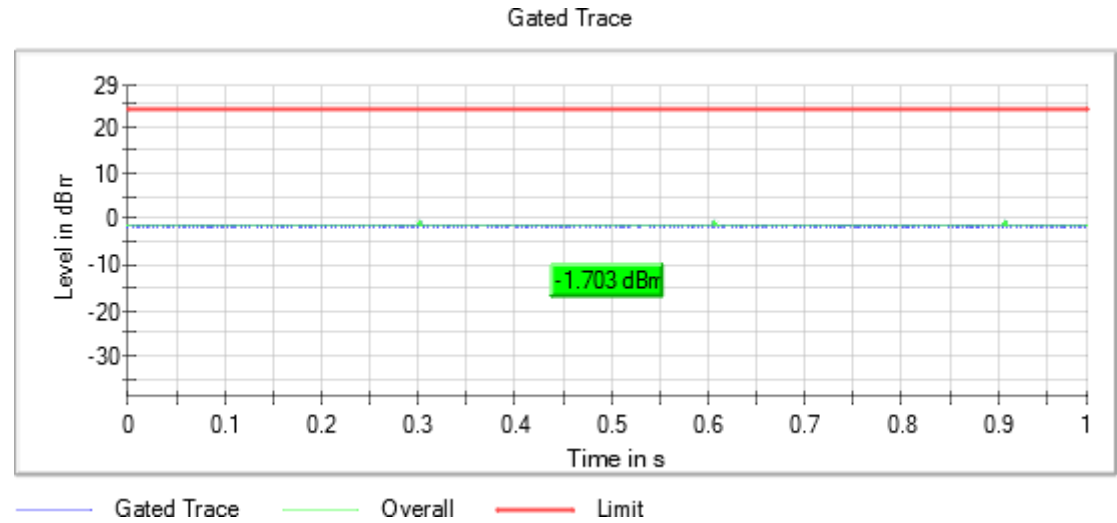
Tables:

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+2
Frequency MHz = 5310.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU
TPC = No

Images:



Tables:
Spectrum Analyzer Parameters

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

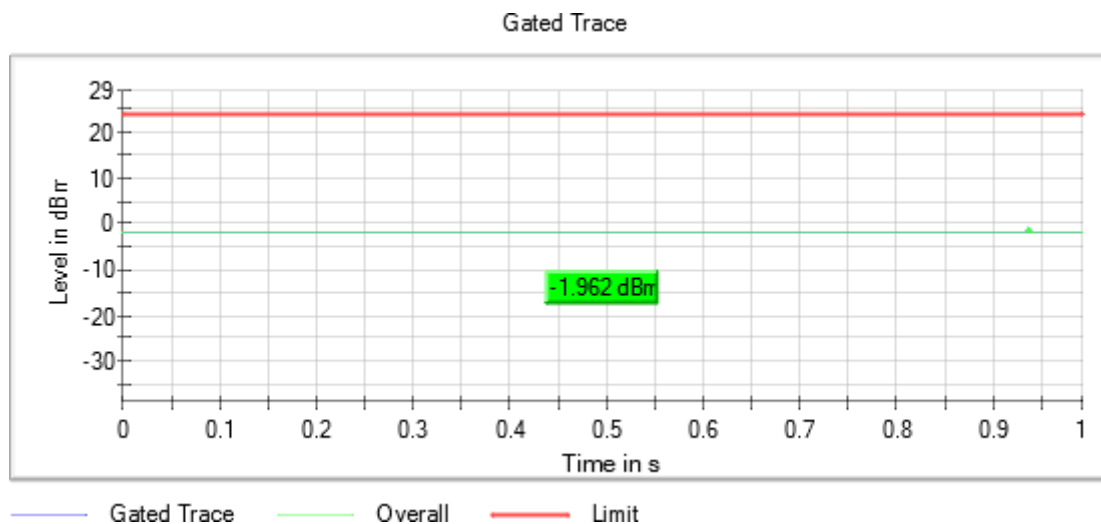
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5510.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

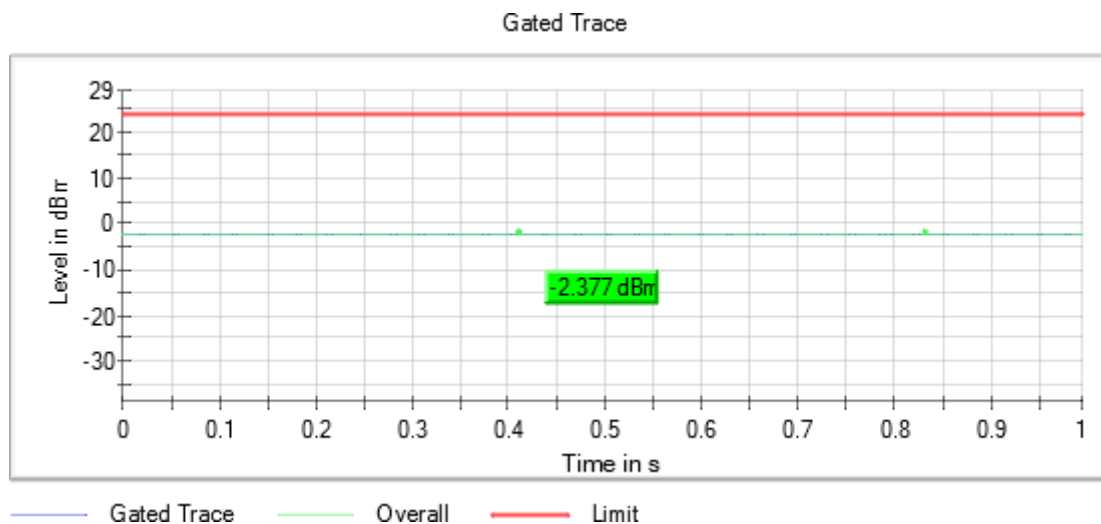
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5550.00000

Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

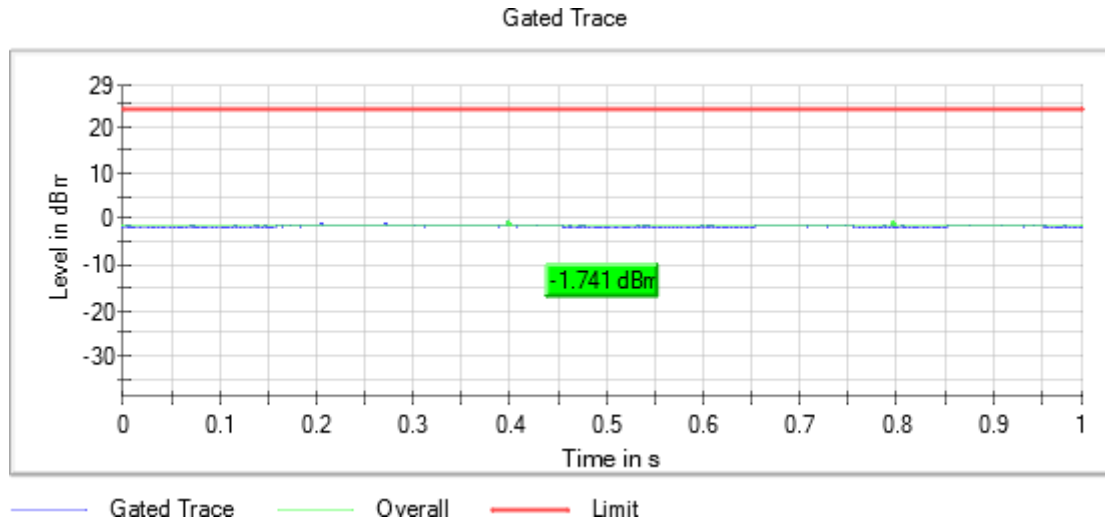
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5670.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



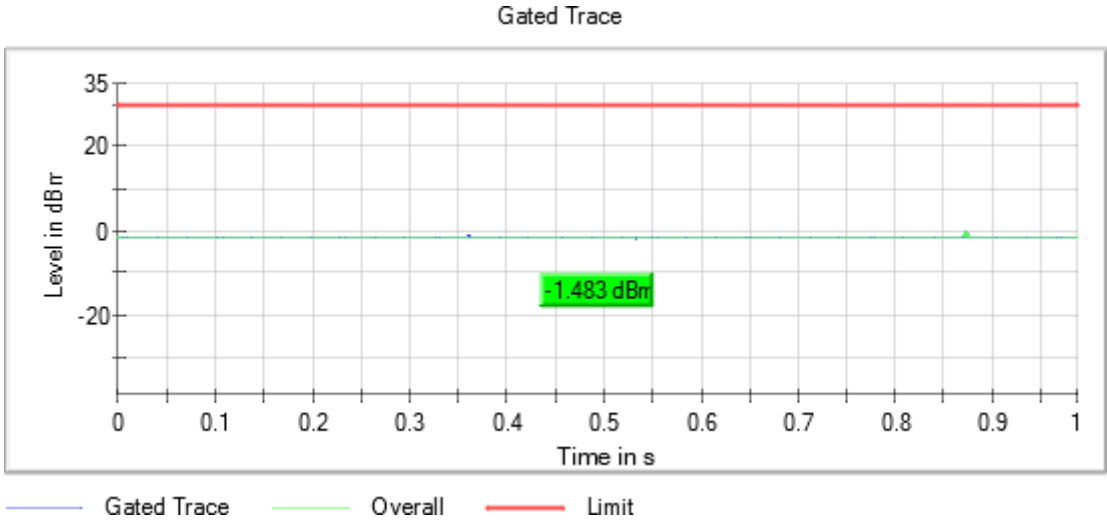
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Spectrum Analyzer Parameters

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+2
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU
TPC = No

Images:

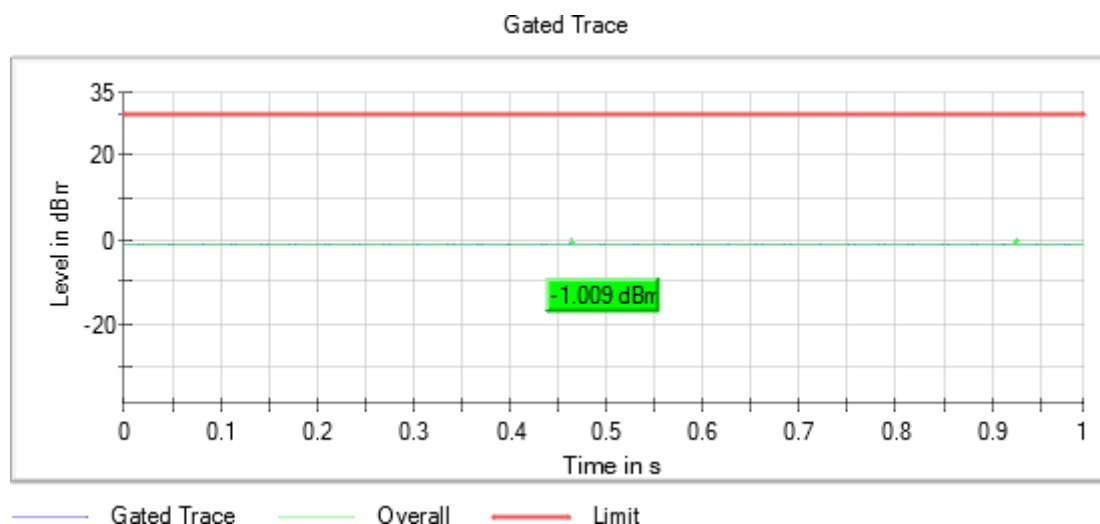


Tables:
Spectrum Analyzer Parameters

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

Operation Band MHz = [5150, 5850] Active Port = 1+2
Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0) - RU
TPC = No

Images:



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: 802.11ax HE80 SS1 (OFDMA MCS0) - RU

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5210.00000	No	8.50	0.80
		5290.00000		8.10	0.40
		5530.00000		10.40	2.70
		5610.00000		11.00	3.30
		5660.00000		10.20	2.50
		5775.00000		10.20	2.50
	1+2	5210.00000		9.60	1.90
		5290.00000		8.90	1.20
		5530.00000		8.60	0.90
		5610.00000		7.90	0.20
		5660.00000		7.90	0.20
		5775.00000		8.00	0.30

Verdict

Pass

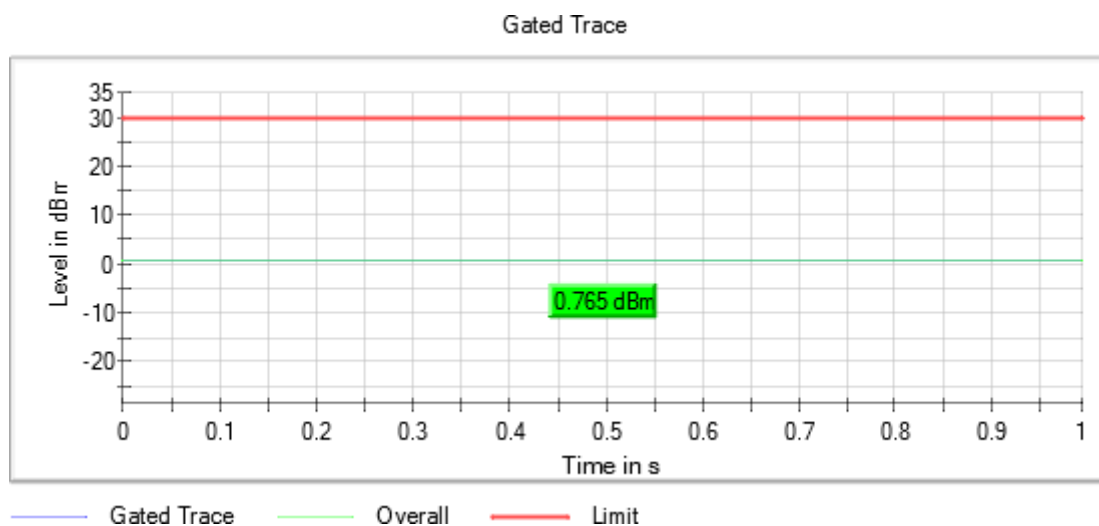
Attachments

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

Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

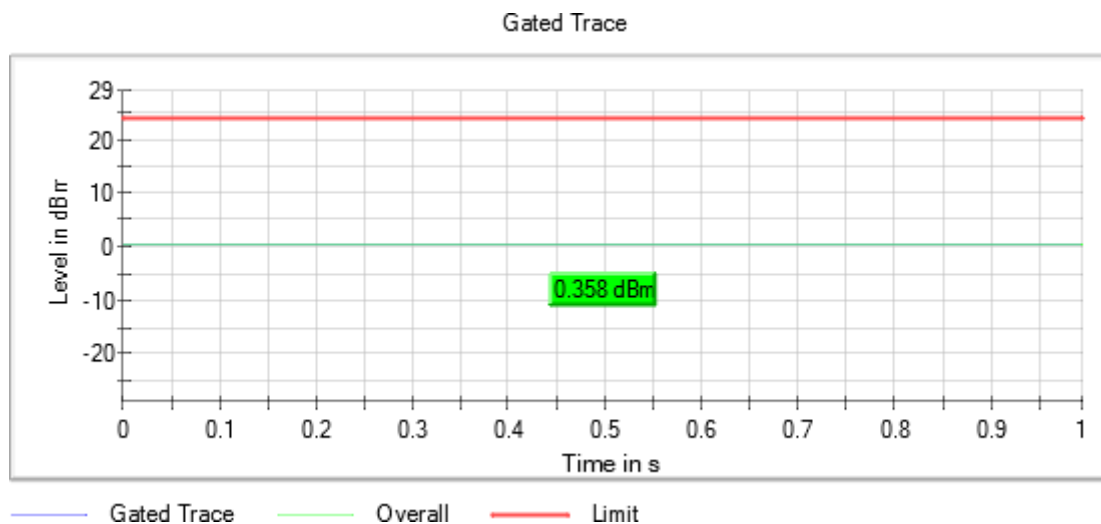
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5290.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

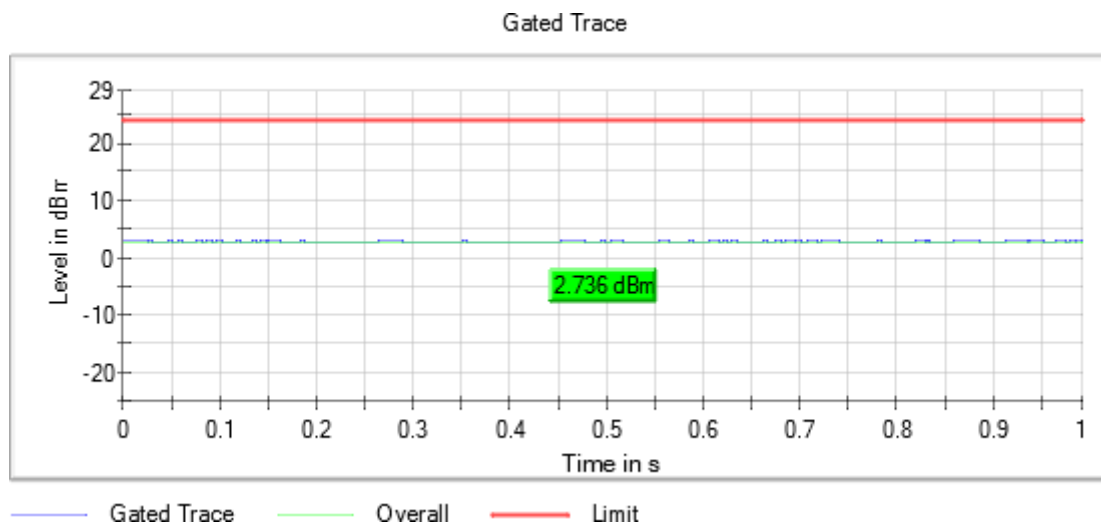
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5530.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



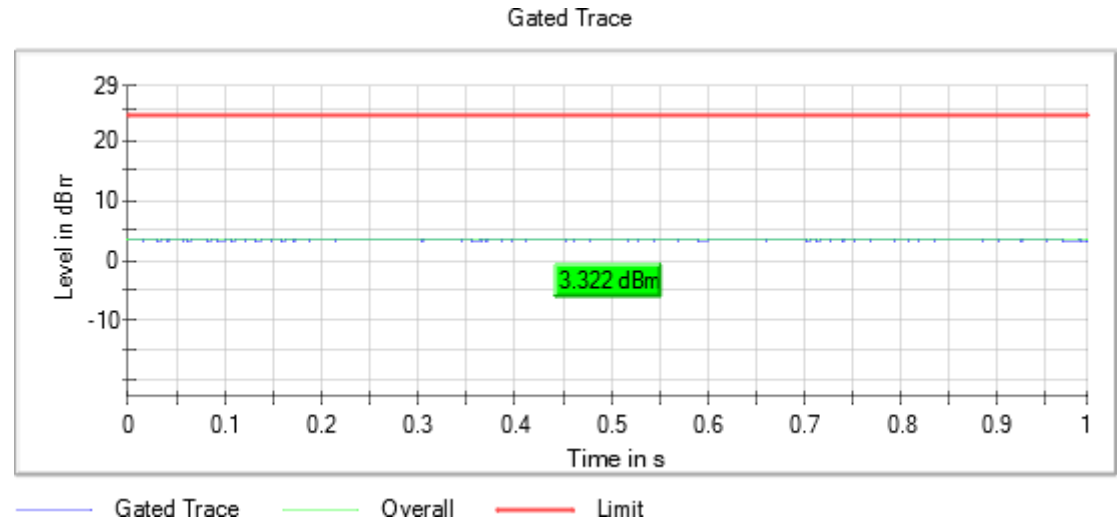
Tables:

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 = 5610.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU
TPC = No

Images:



Tables:
Spectrum Analyzer Parameters

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

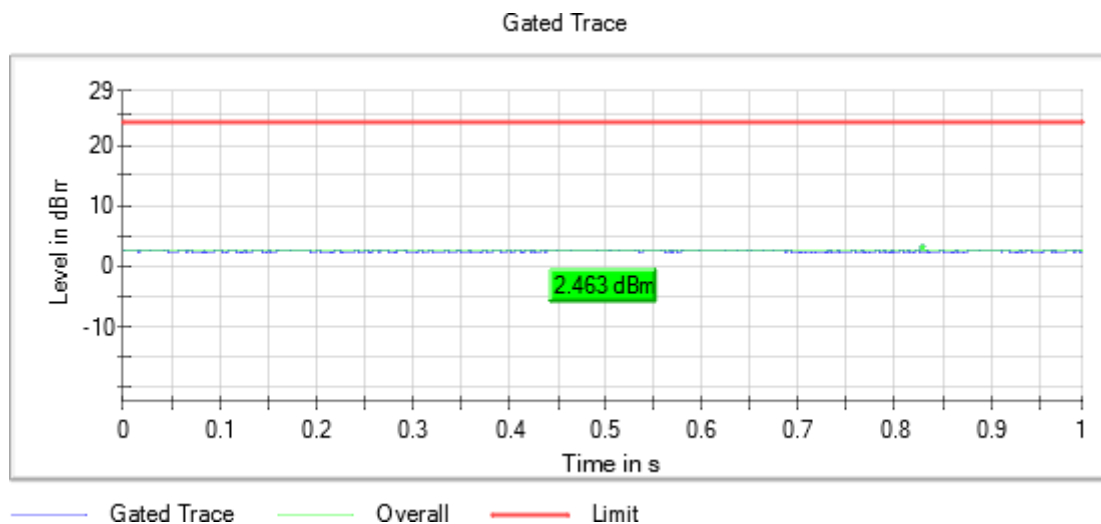
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5660.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

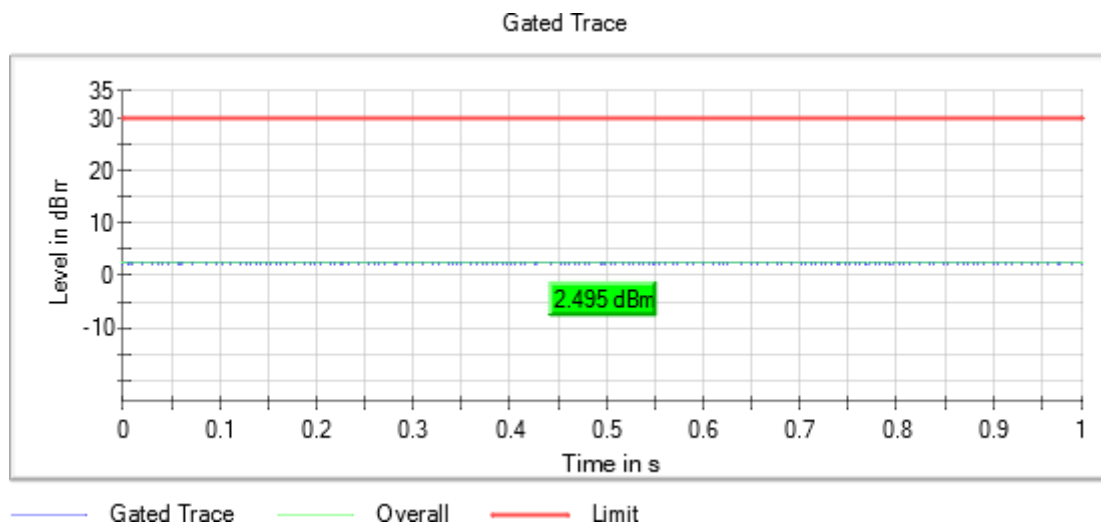
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

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

Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

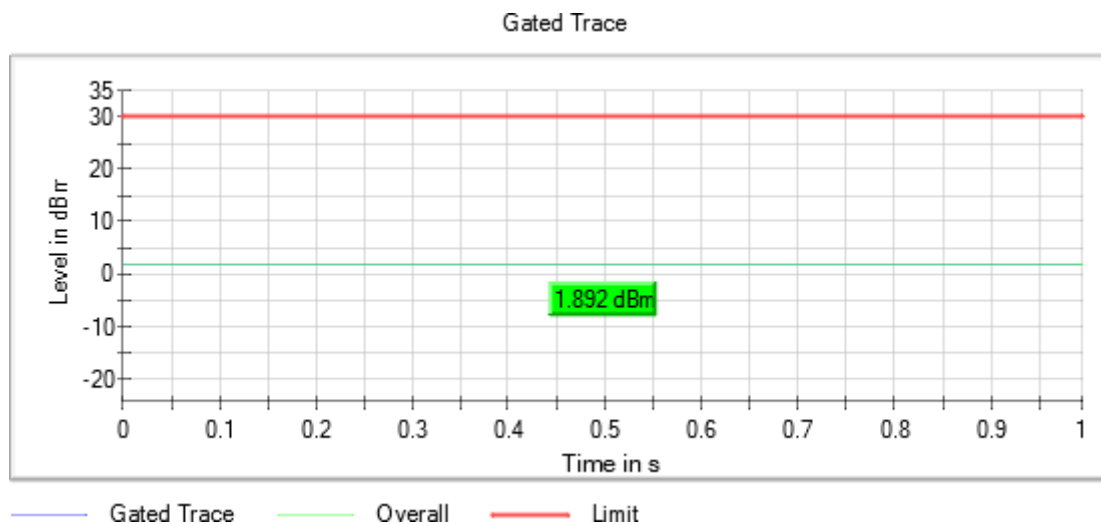
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

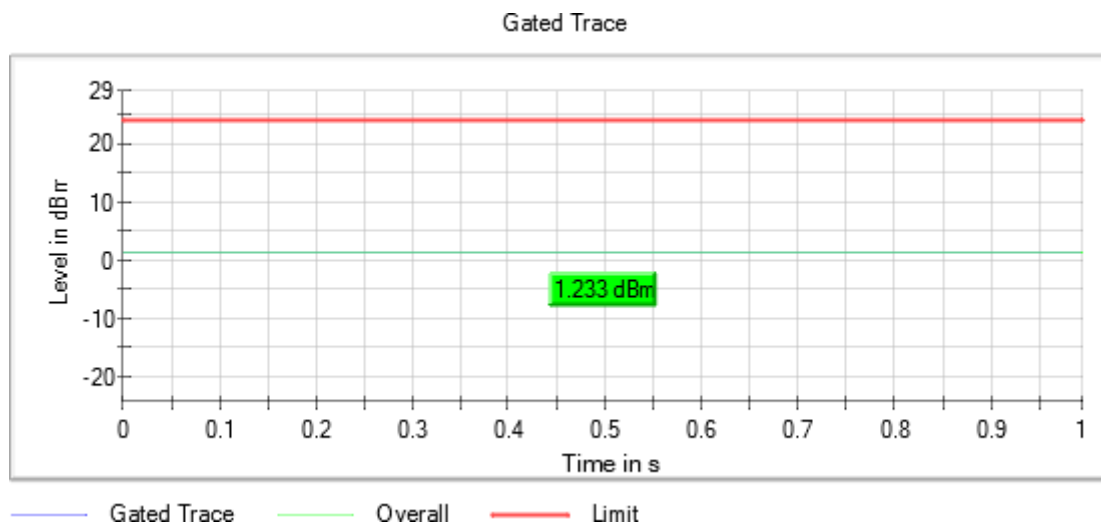
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5290.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



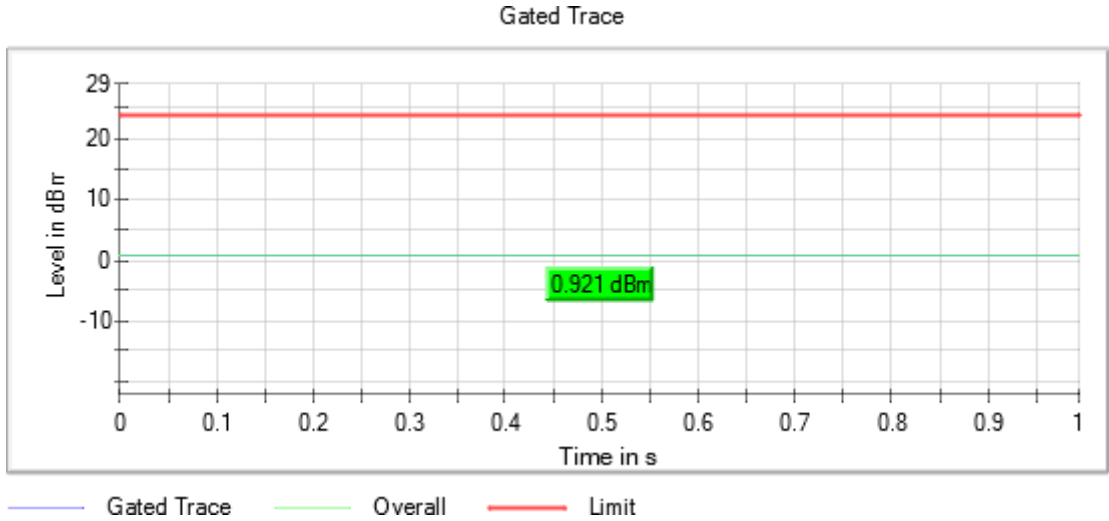
Tables:

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+2
Frequency MHz = 5530.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU
TPC = No

Images:



Tables:
Spectrum Analyzer Parameters

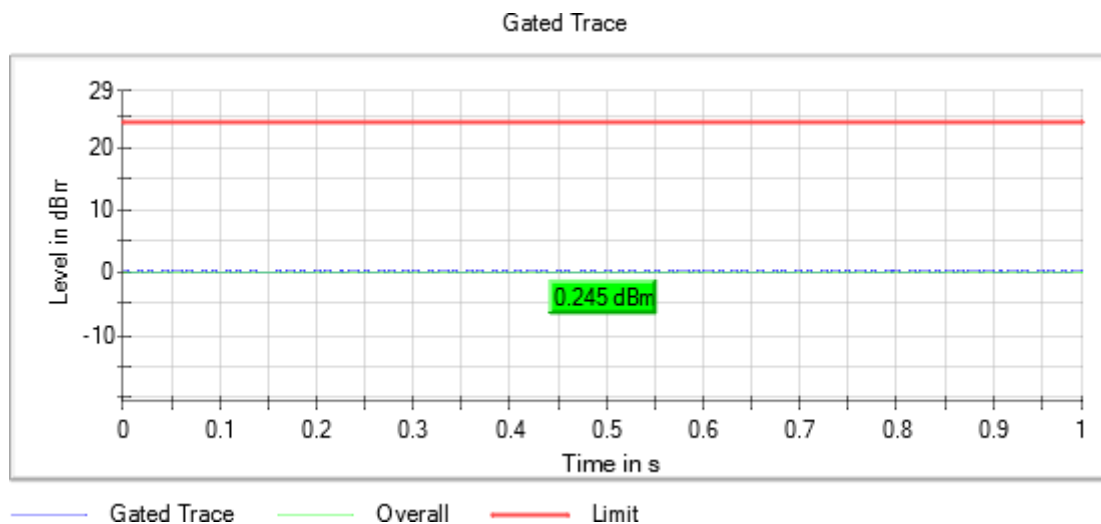
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μs	1.000 μs

Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5610.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

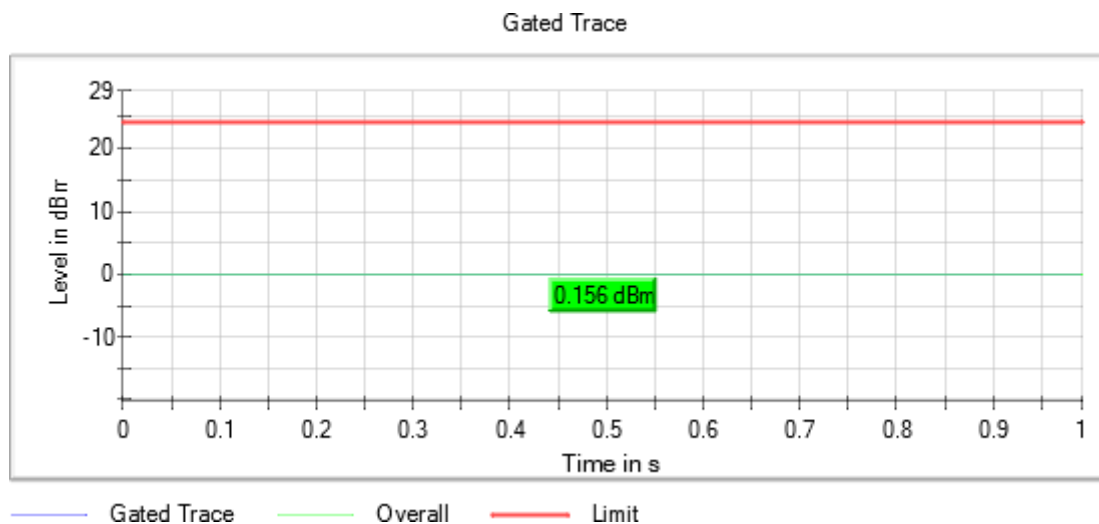
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5660.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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

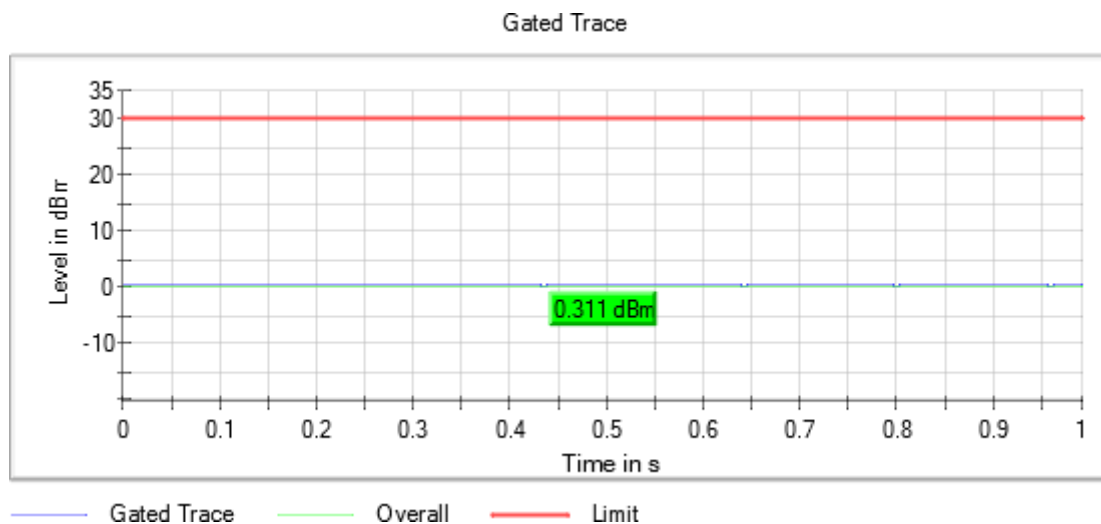
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5775.00000

Modulation = 802.11ax HE80 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



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-247 6.2.4.1 / FCC 15.407 (a) (3) [Psd] Transmitter Maximum Power Spectral Density

Limits

USA FCC Part 15.407 (01-26-2026):

FCC 15.407 (a)(1)(iv): In the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC 15.407 (a)(3)(i): For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

CANADA RSS-247 Issue 4 (July 2025):

7.3.1.2 Power Limits (Frequency band 5150-5250 MHz)

For all other devices the maximum e.i.r.p. spectral density shall not exceed 10 dBm/MHz. The maximum e.i.r.p. shall not exceed the lesser of:

- c. 200 mW; or
- d. $10 + 10 \log_{10} B$, dBm

7.3.1.2 Power Limits (Frequency band 5250-5350 MHz)

All other devices shall comply with the following:

- b. the maximum power spectral density shall not exceed 11 dBm/MHz and the maximum conducted output power shall not exceed the lesser of:
 - i. 250 mW; or
 - ii. $11 + 10 \log_{10} B$, dBm.

7.3.3.2 Power Limits (Frequency band 5470-5725 MHz)

- b. the maximum power spectral density shall not exceed 11 dBm/MHz.

7.3.4.3 Power Limits (Frequency band 5725-5850 MHz)

Equipment operating in the band 5725-5850 shall comply with the following power limits:

- c. the maximum output power spectral density shall not exceed 30 dBm/500 kHz

When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Modulation: 802.11ax HE20 SS1 (OFDMA MCS0) - RU

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5150, 5850]	1	5180.00000	No	5171.600000	-4.30
		5200.00000		5200.800000	-6.38
		5240.00000		5248.600000	-5.31
		5260.00000		5251.600000	-4.66
		5280.00000		5279.200000	-5.80
		5320.00000		5328.600000	-5.12
		5500.00000		5491.400000	-3.28
		5580.00000		5580.800000	-8.75
		5700.00000		5708.600000	-3.04
		5745.00000		5737.000000	-9.93
		5785.00000		5784.200000	-9.44
		5825.00000		5833.800000	-7.92
	1+2	5180.00000		5171.683168	0.38
		5200.00000		5200.792079	-1.98
		5240.00000		5248.514851	-1.06
		5260.00000		5251.683168	-0.70
		5280.00000		5280.792079	-1.88
		5320.00000		5328.514851	-0.86
		5500.00000		5491.683168	-0.69
		5580.00000		5580.792079	-3.30
		5700.00000		5708.514851	-1.44
		5745.00000		5736.683168	-3.82
		5785.00000		5785.792079	-4.36
		5825.00000		5833.514851	-3.25

Verdict

Pass

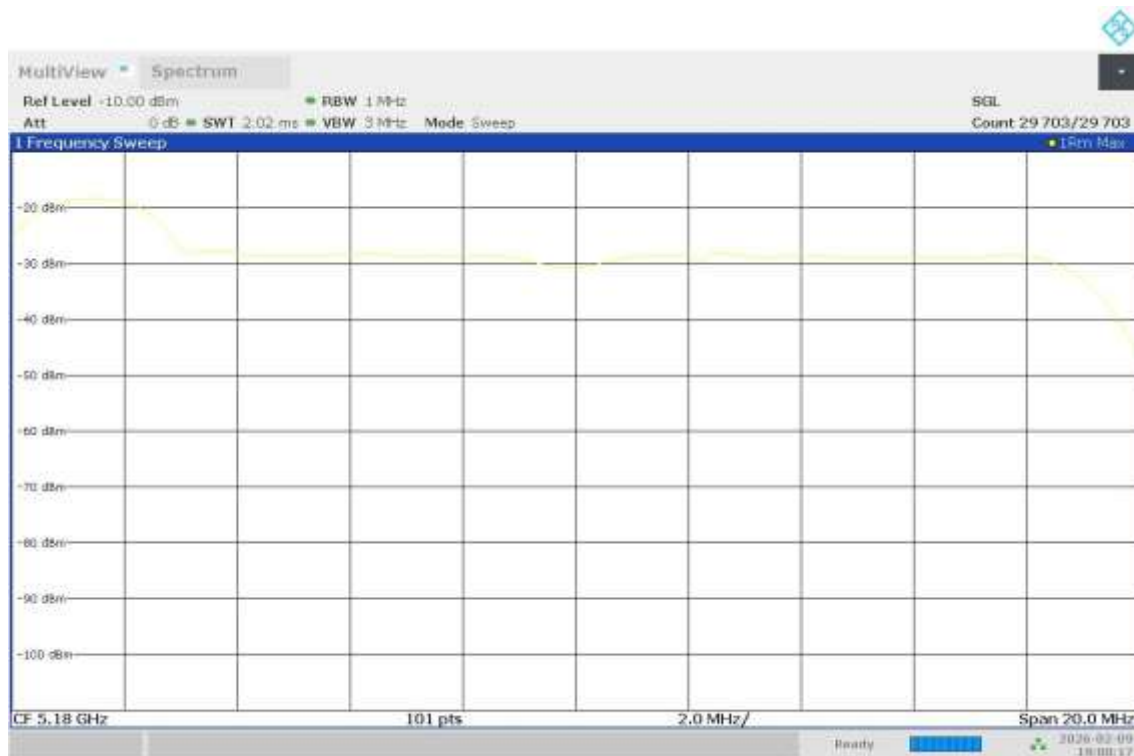
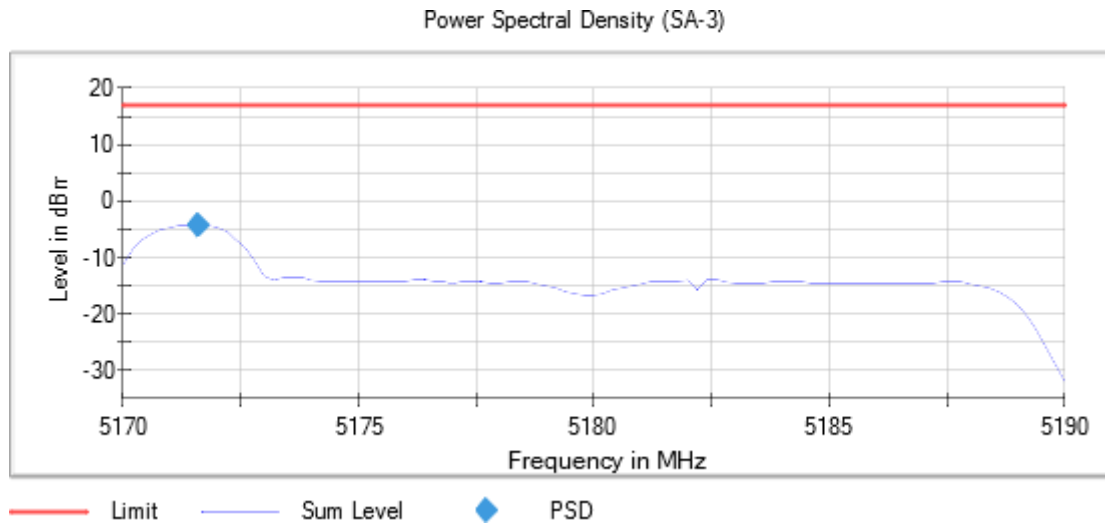
Attachments

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

Frequency MHz = 5180.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



07:08:18 PM 02/09/2026

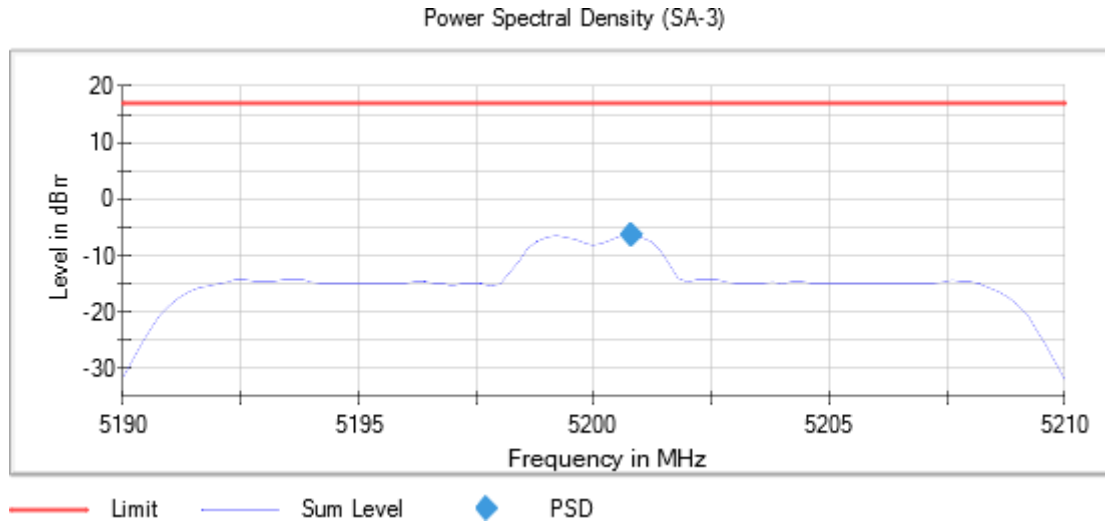
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



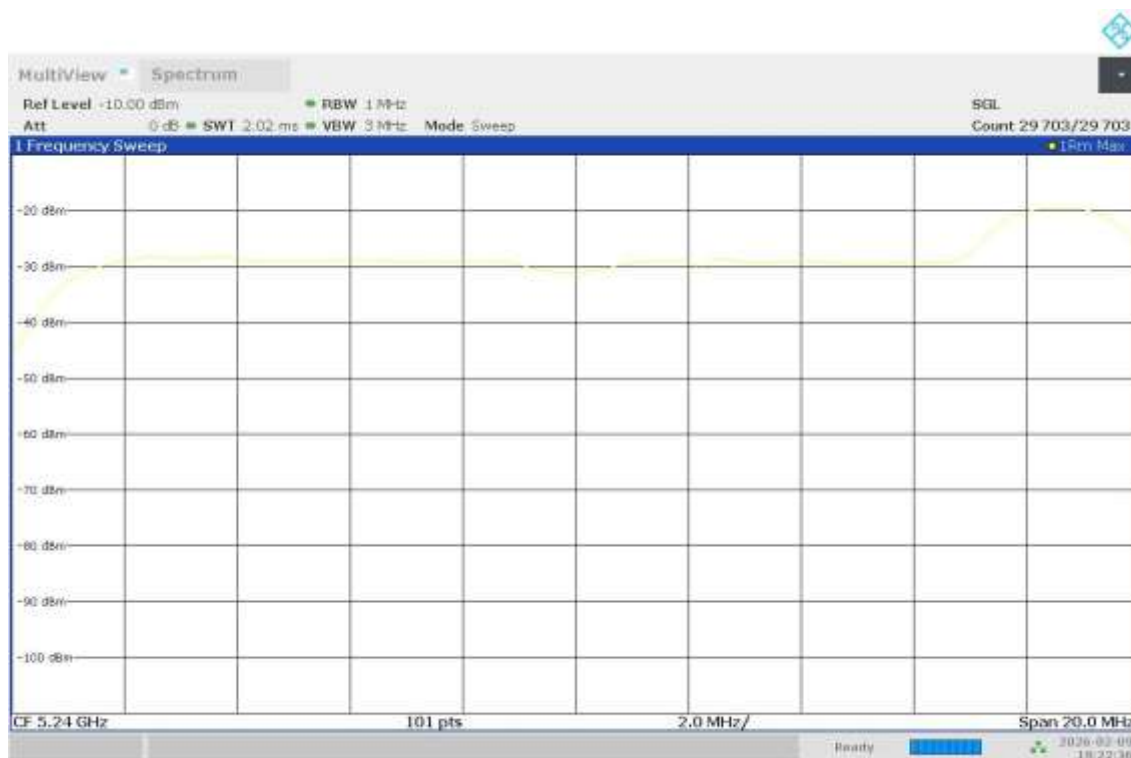
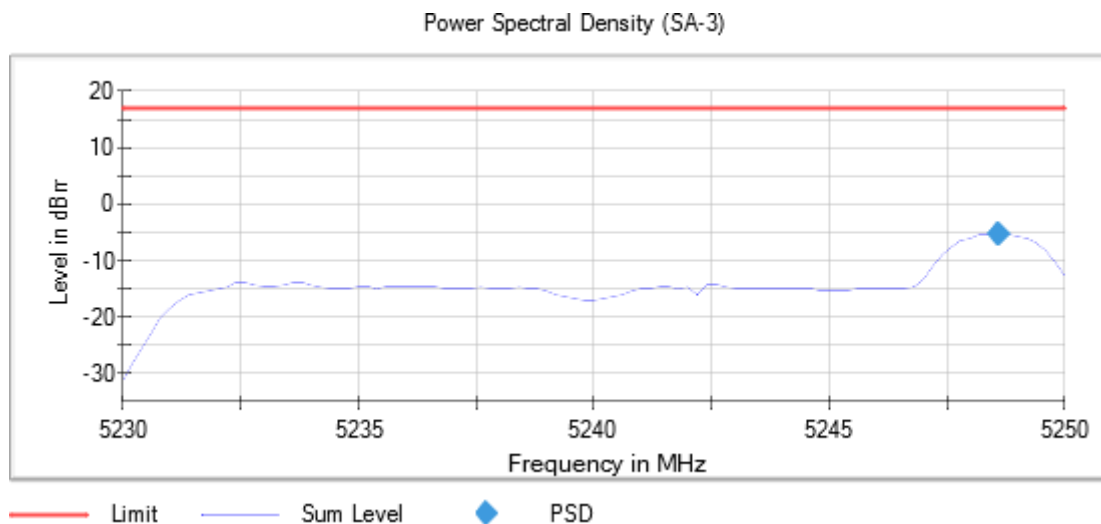
07:17:25 PM 02/09/2026

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

Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



07:22:36 PM 02/09/2026

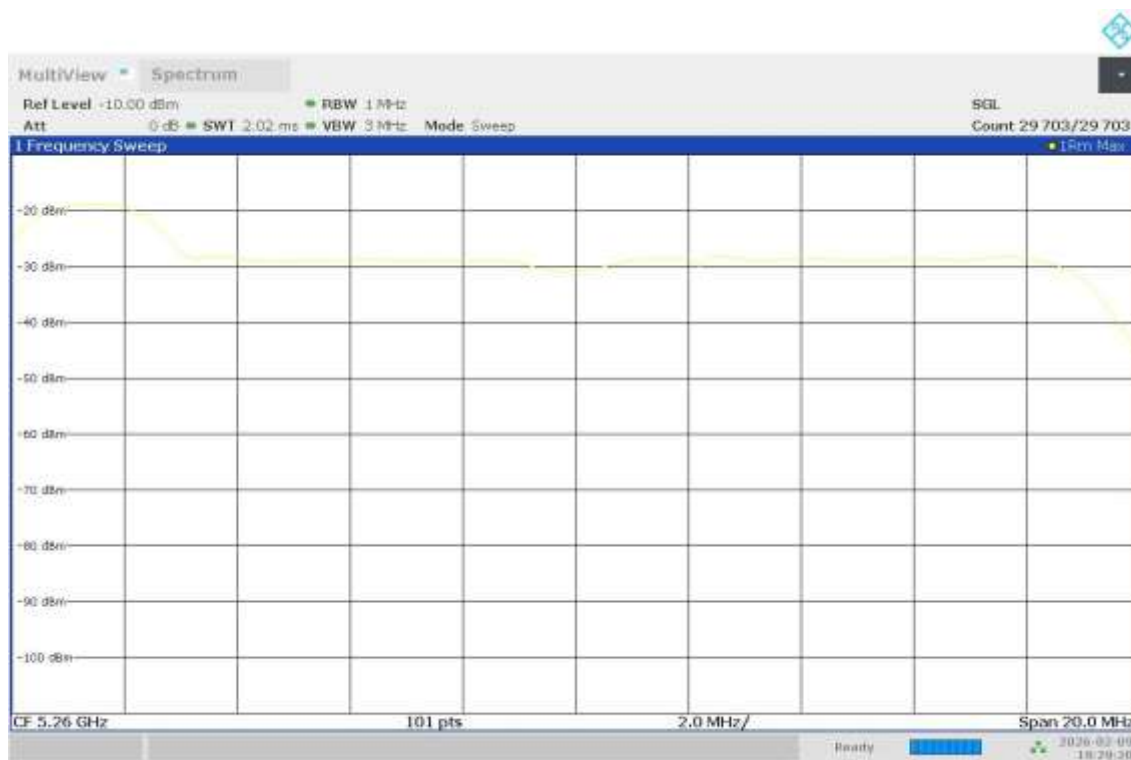
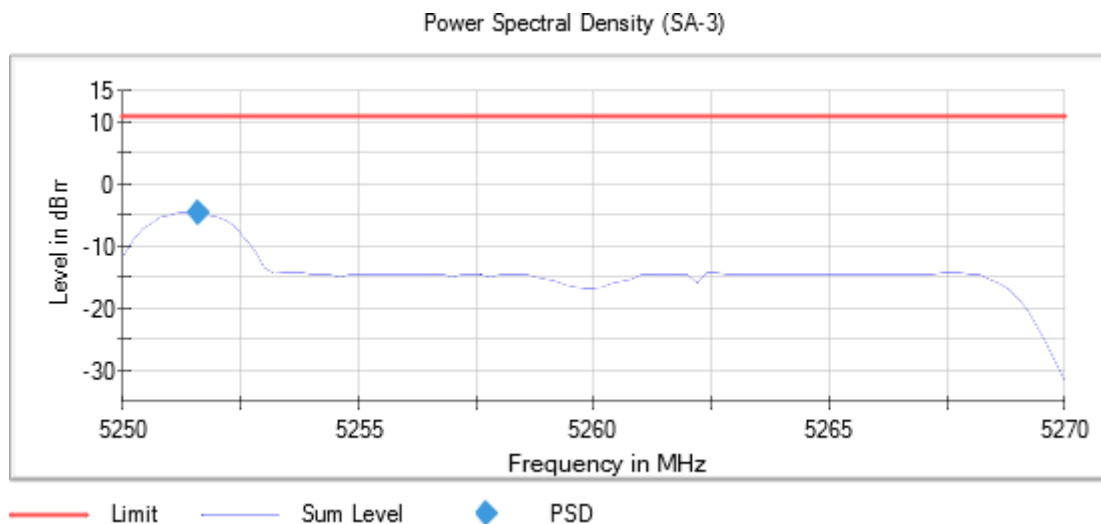
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5260.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



07:29:21 PM 02/09/2026

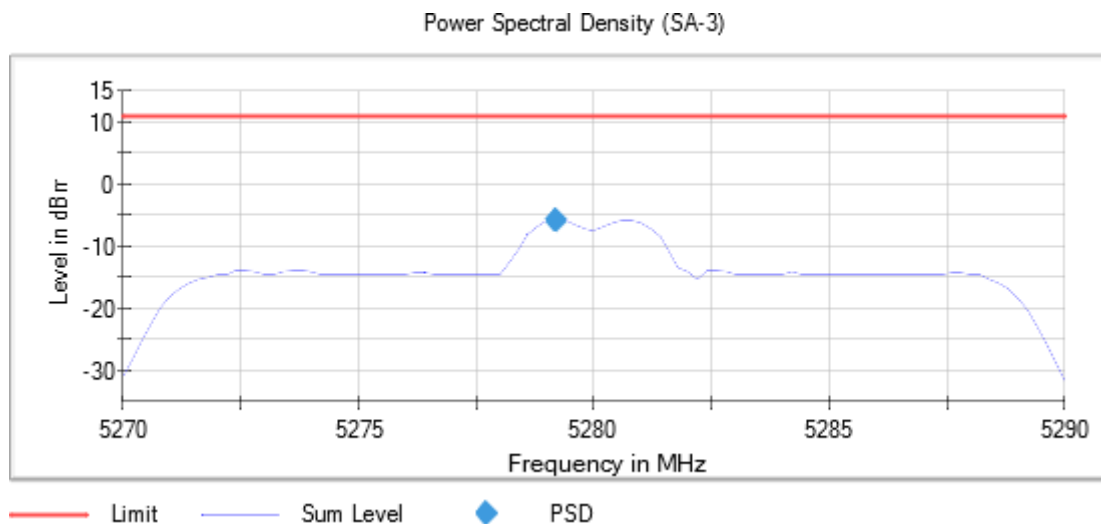
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5280.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



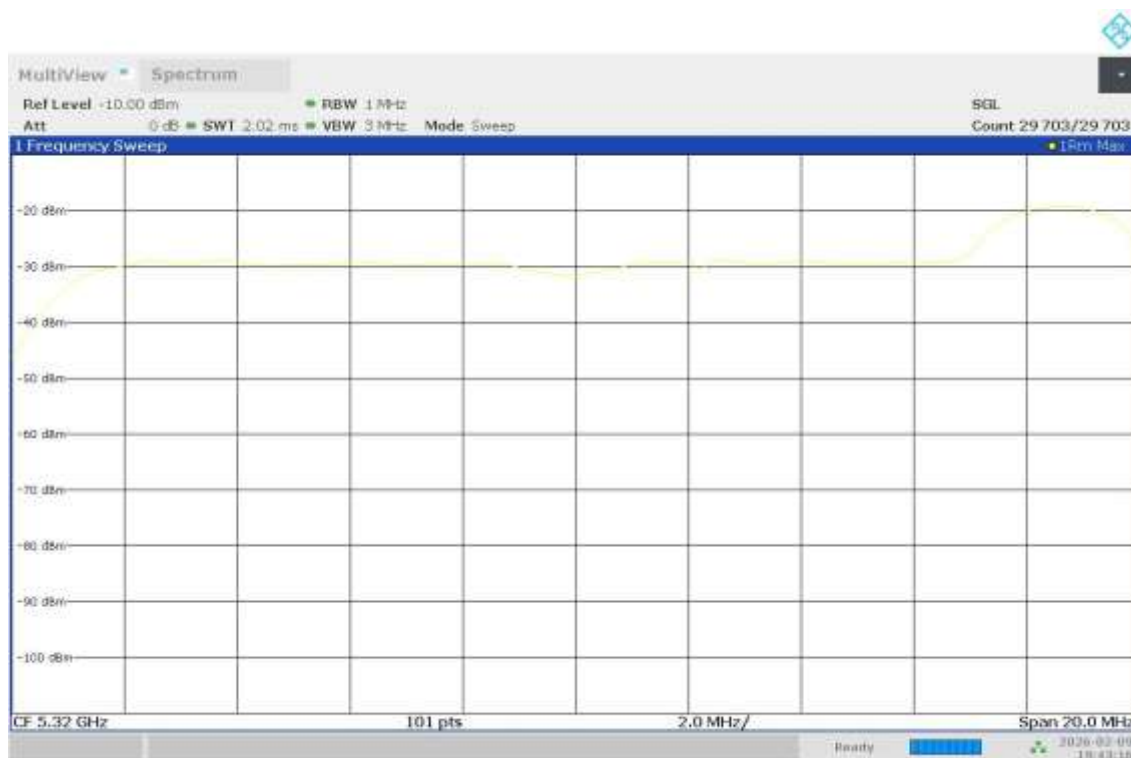
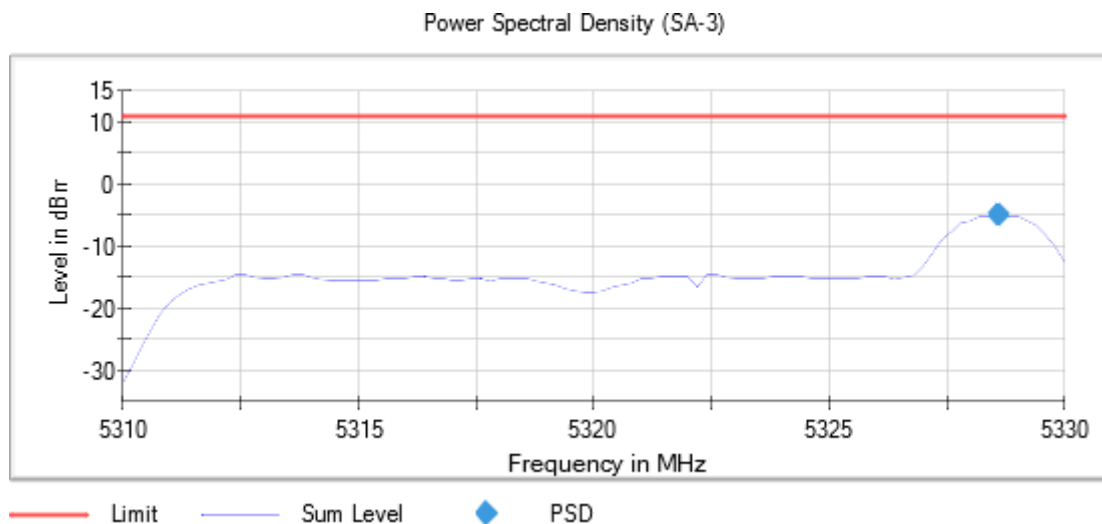
07:37:57 PM 02/09/2026

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

Frequency MHz = 5320.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



07:43:17 PM 02/09/2026

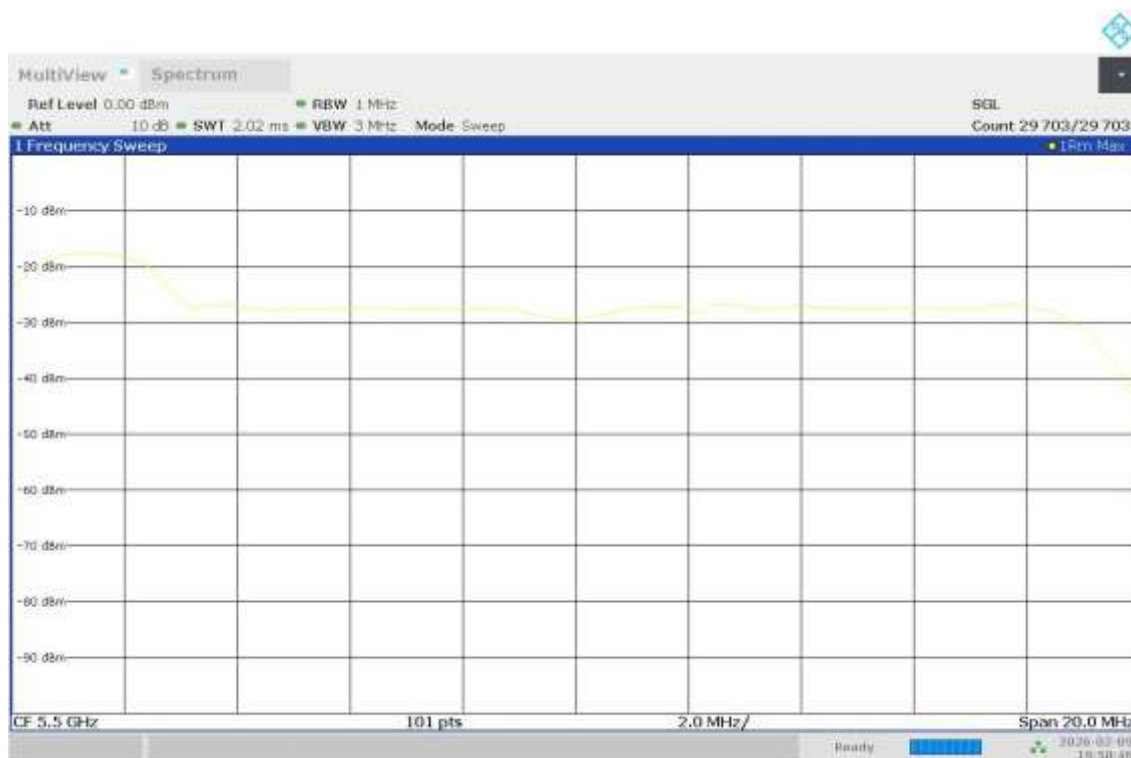
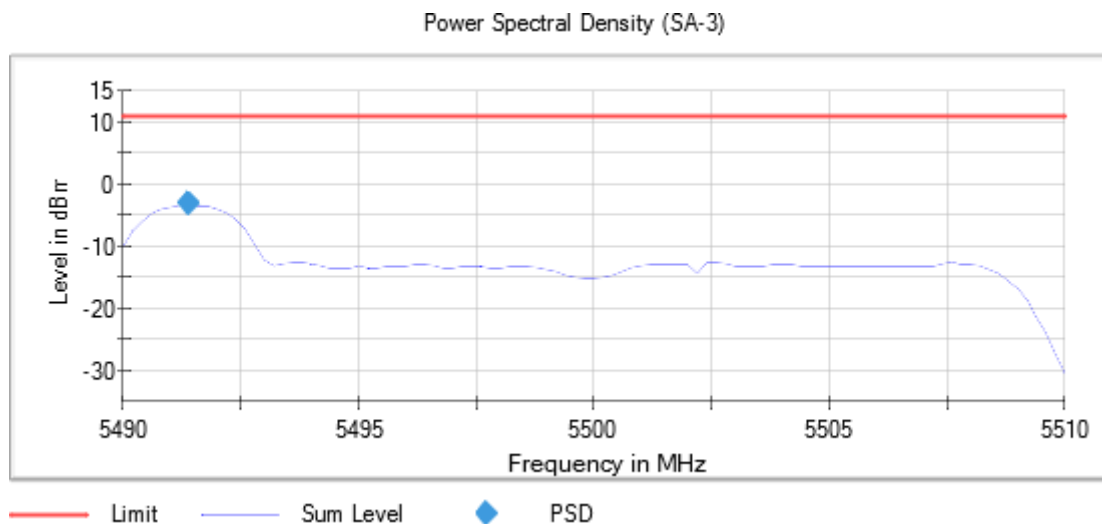
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5500.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



07:50:46 PM 02/09/2026

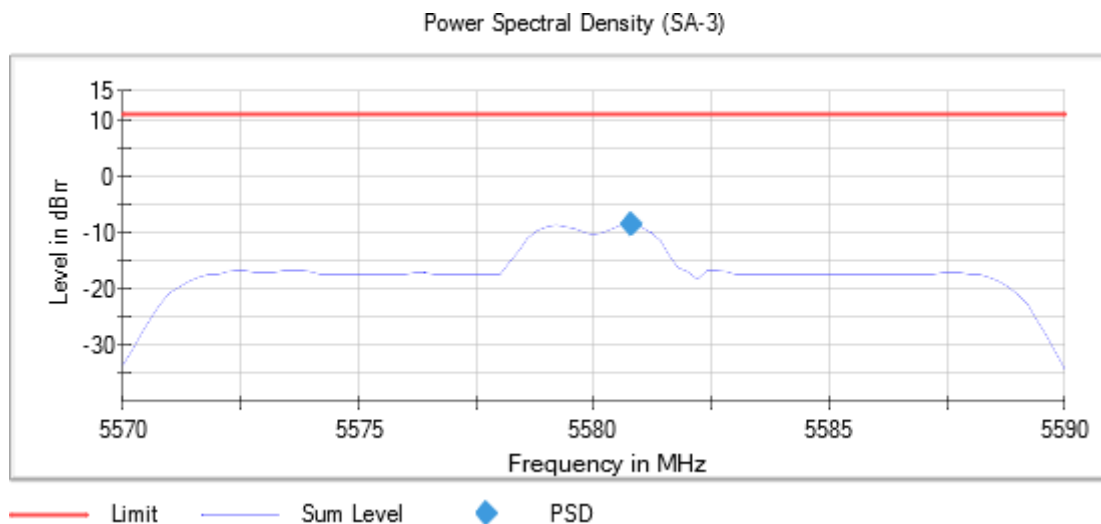
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5580.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



07:58:27 PM 02/09/2026

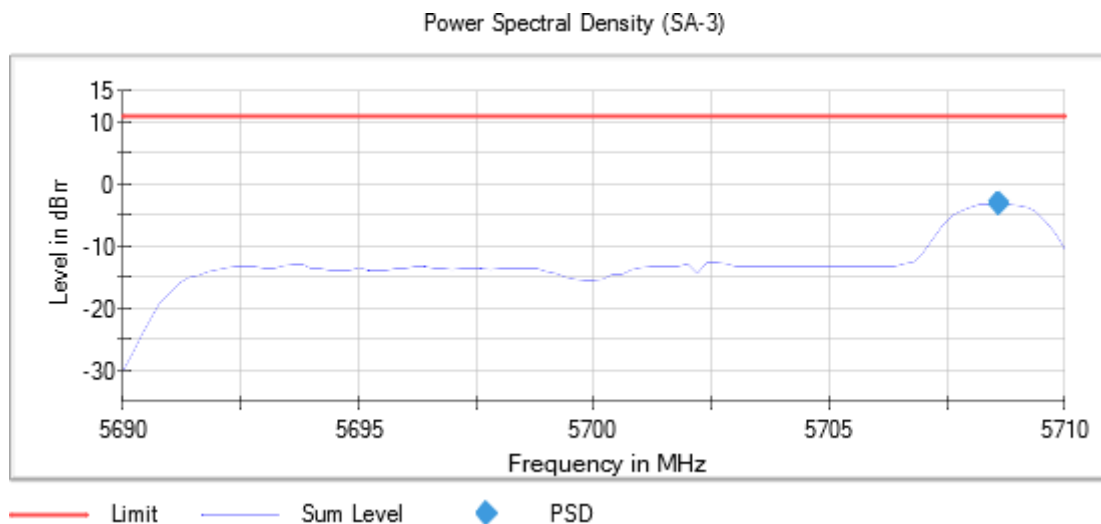
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5700.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:

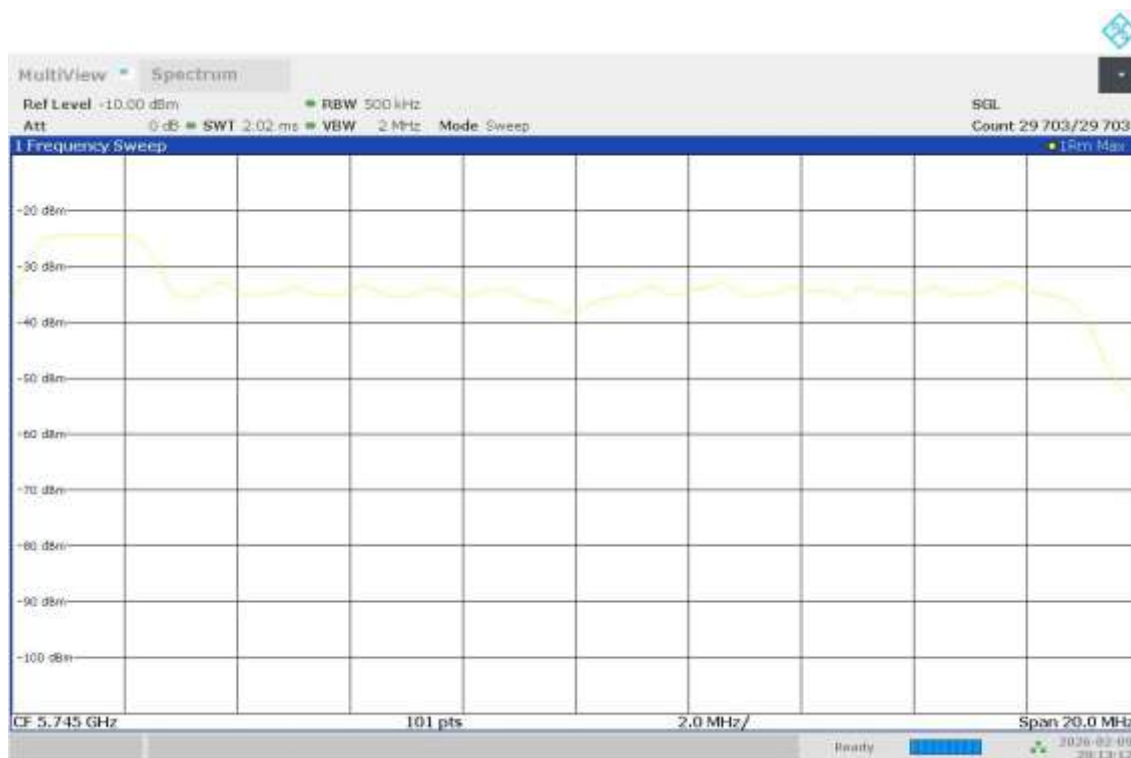
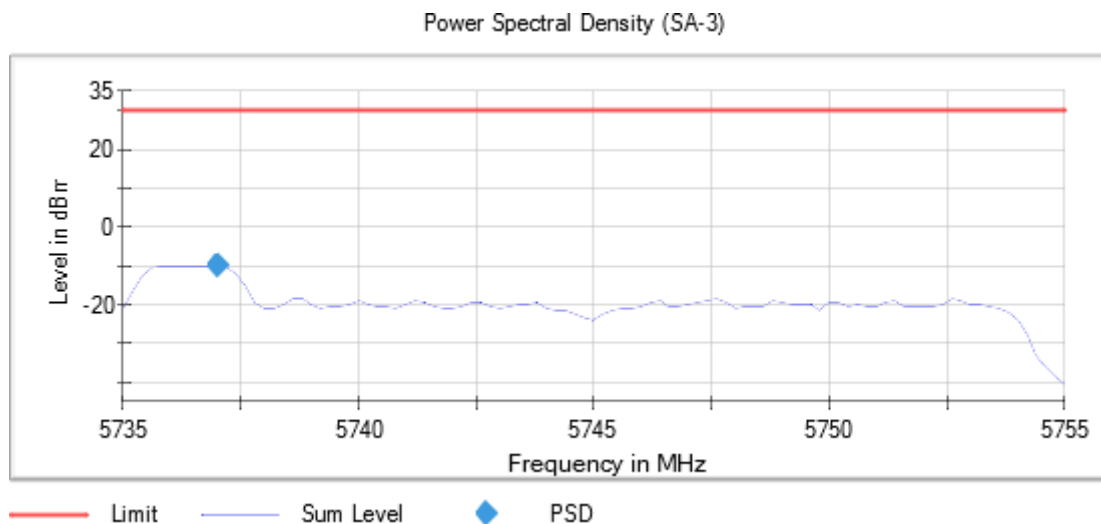


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



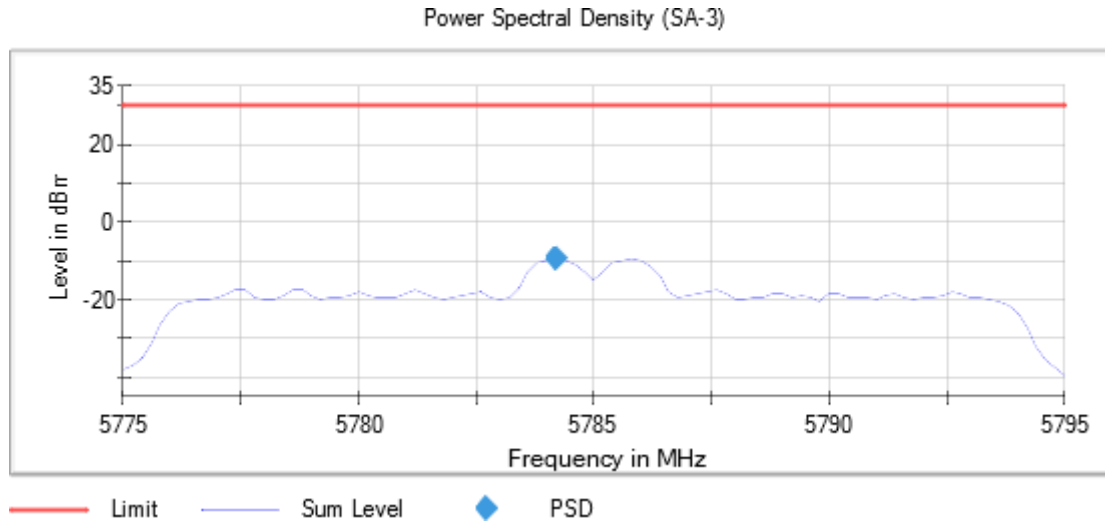
08:13:13 PM 02/09/2026

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

Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



08:21:12 PM 02/09/2026

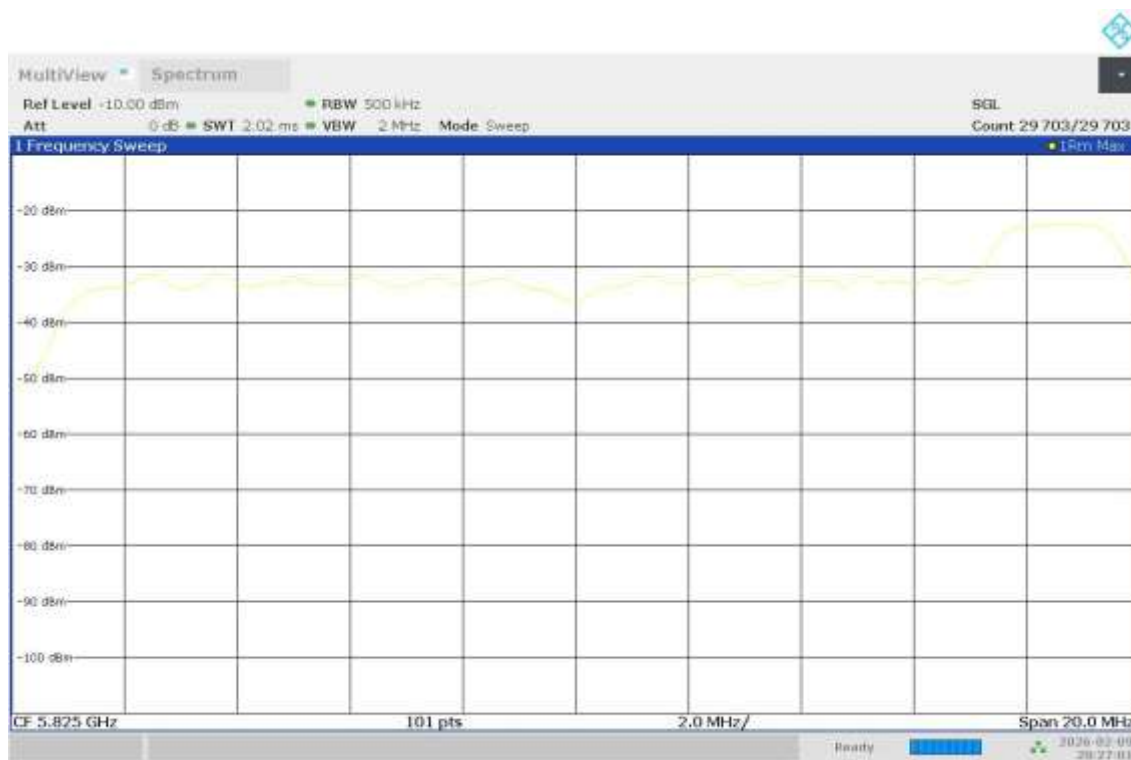
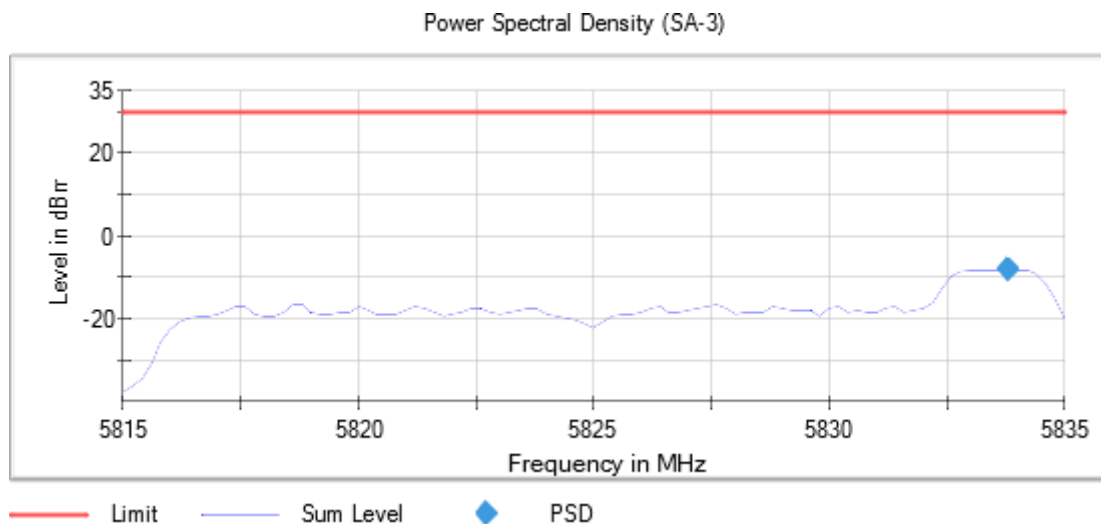
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



08:27:01 PM 02/09/2026

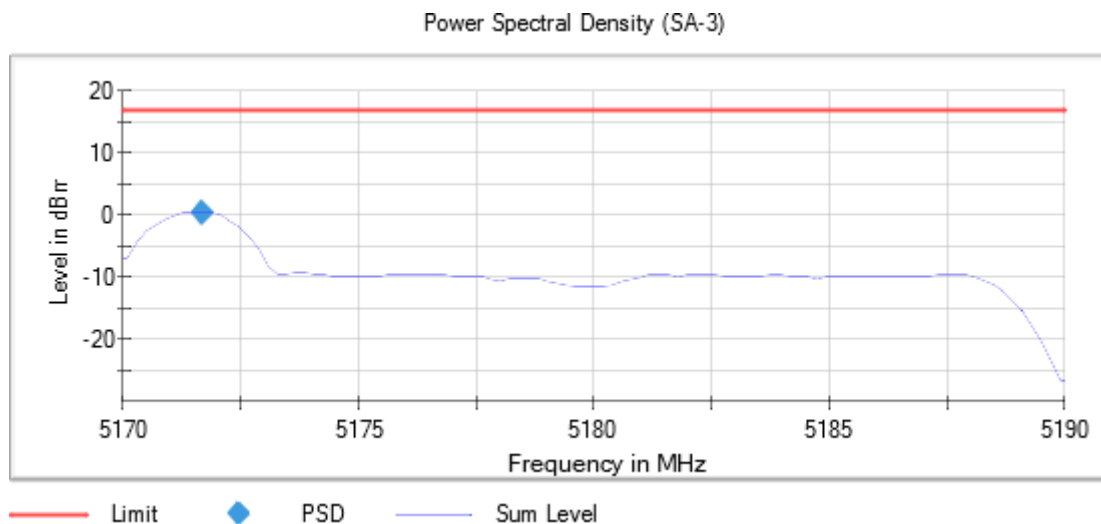
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5180.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Date: 10.FEB.2026 10:44:13



Date: 10.FEB.2026 10:49:37

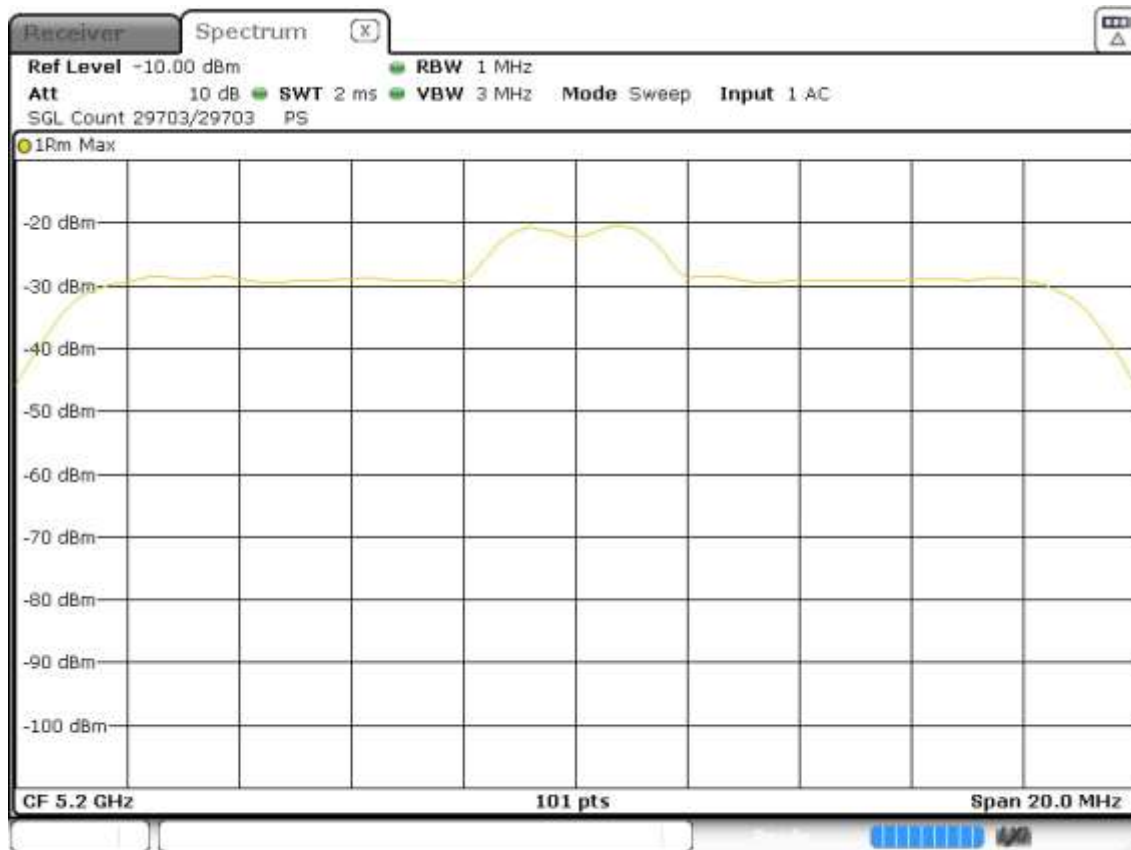
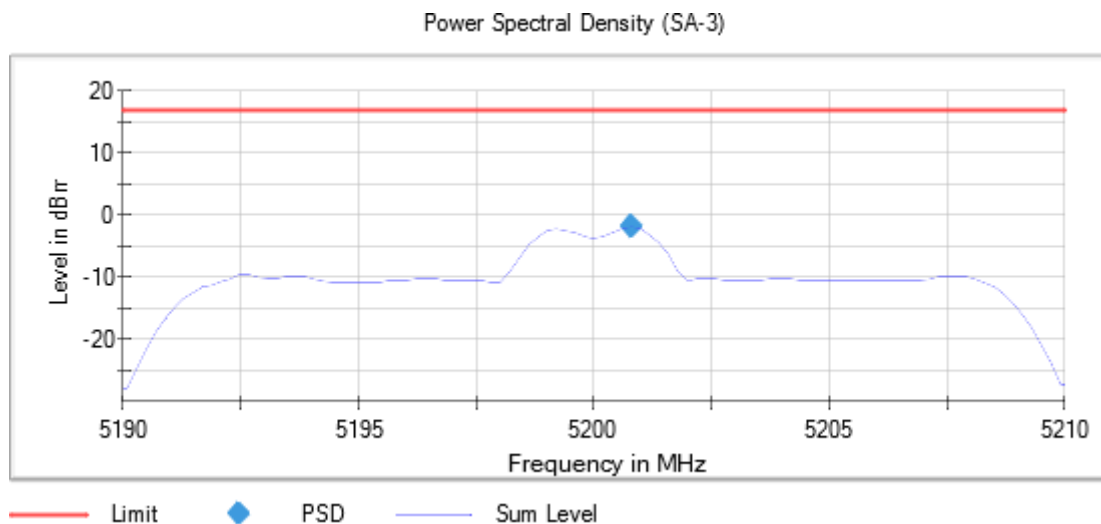
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5200.00000

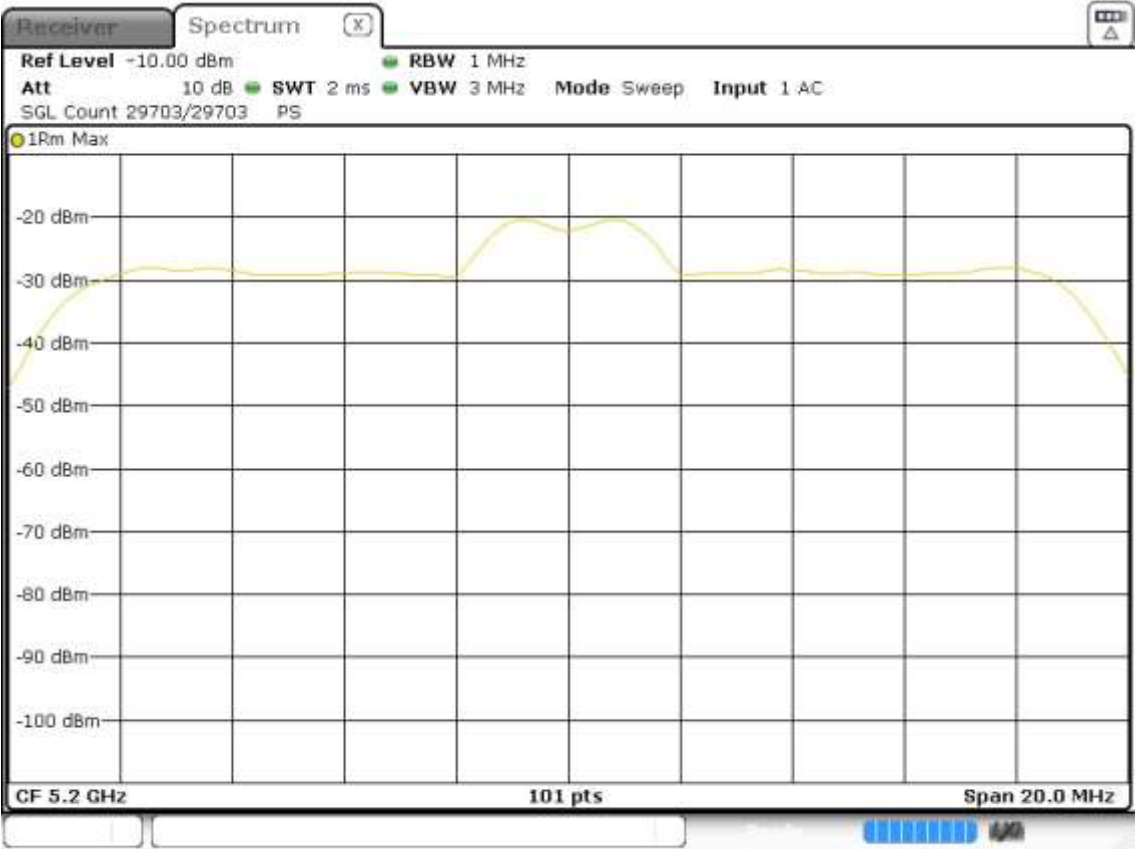
Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Date: 10.FEB.2026 11:00:53



Date: 10.FEB.2026 11:03:47

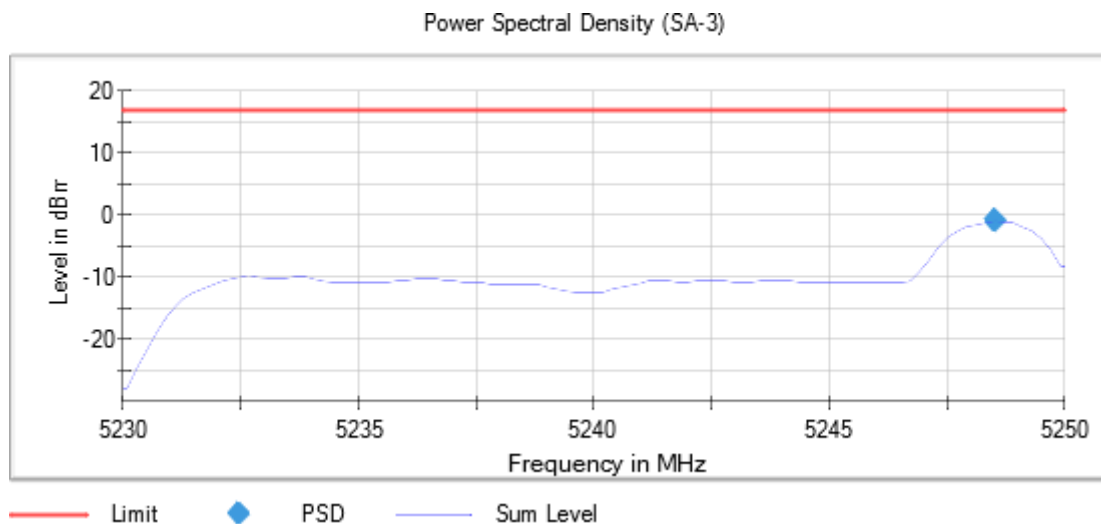
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5240.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Date: 10.FEB.2026 11:36:37



Date: 10.FEB.2026 11:39:31

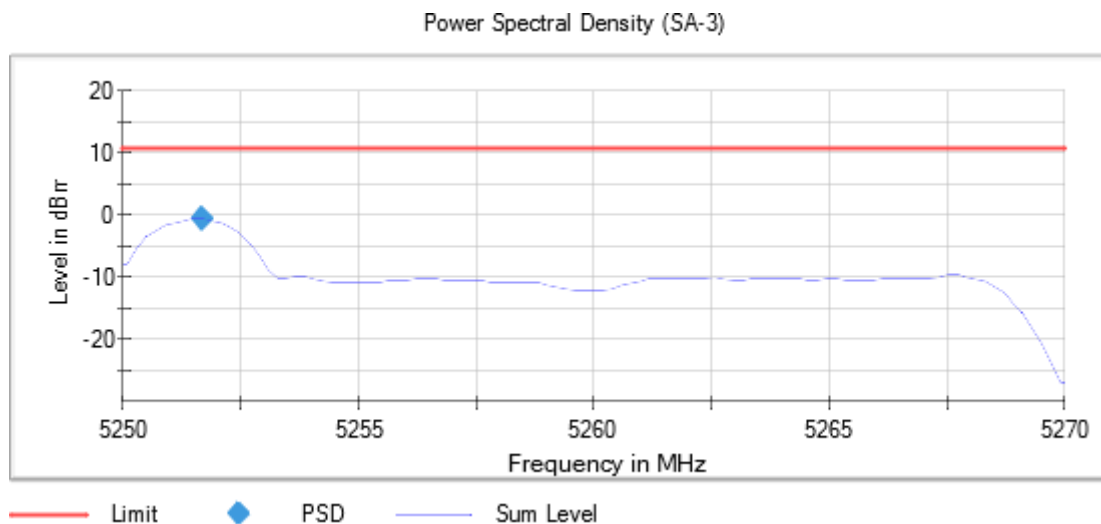
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5260.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Date: 10.FEB.2026 11:47:04



Date: 10.FEB.2026 11:49:57

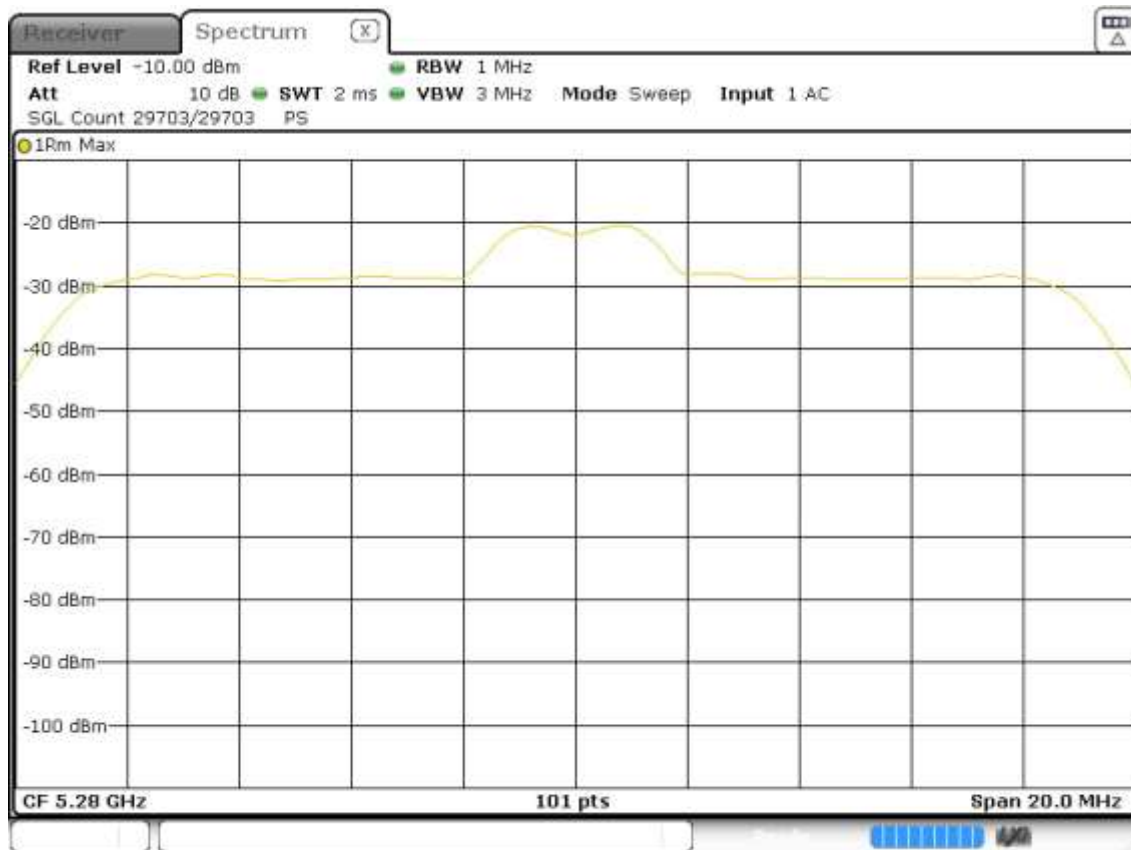
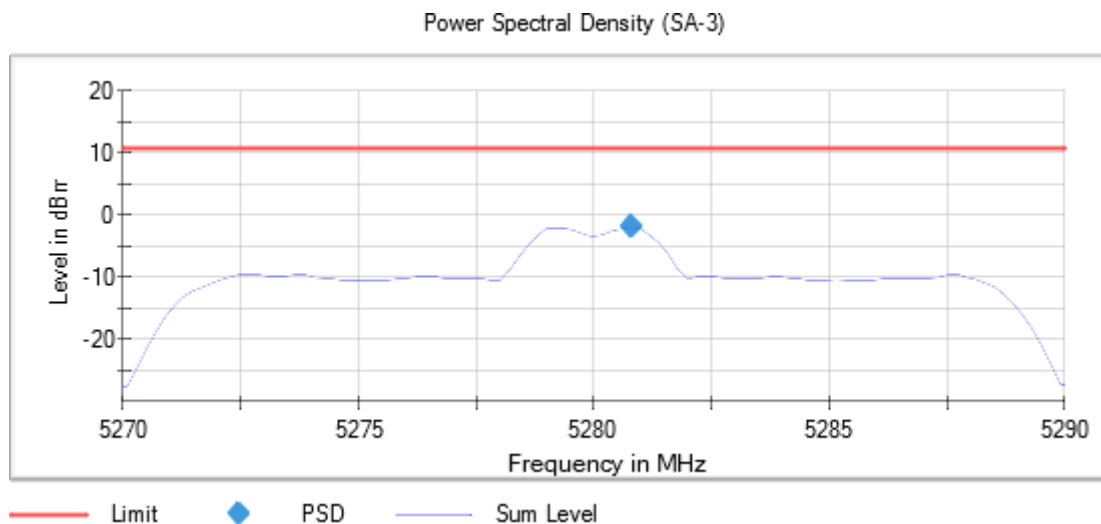
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5280.00000

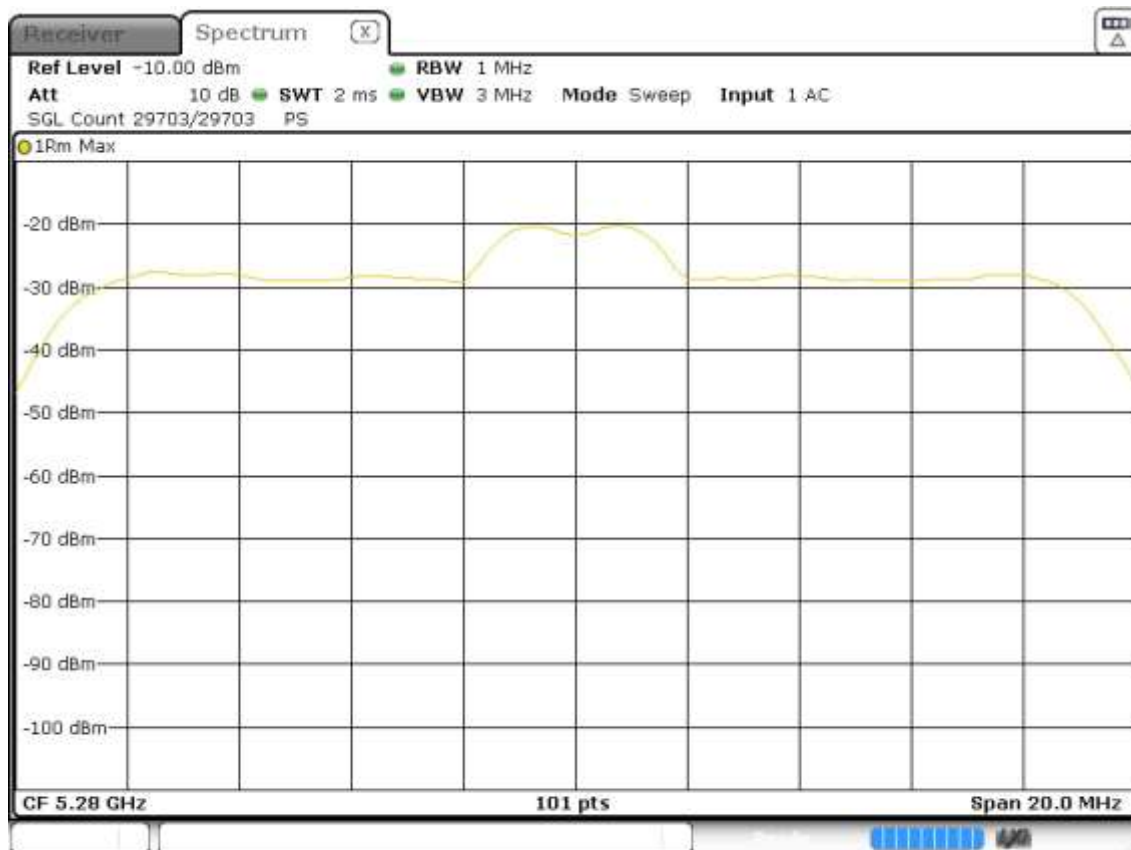
Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Date: 10.FEB.2026 12:00:35



Date: 10.FEB.2026 12:03:29

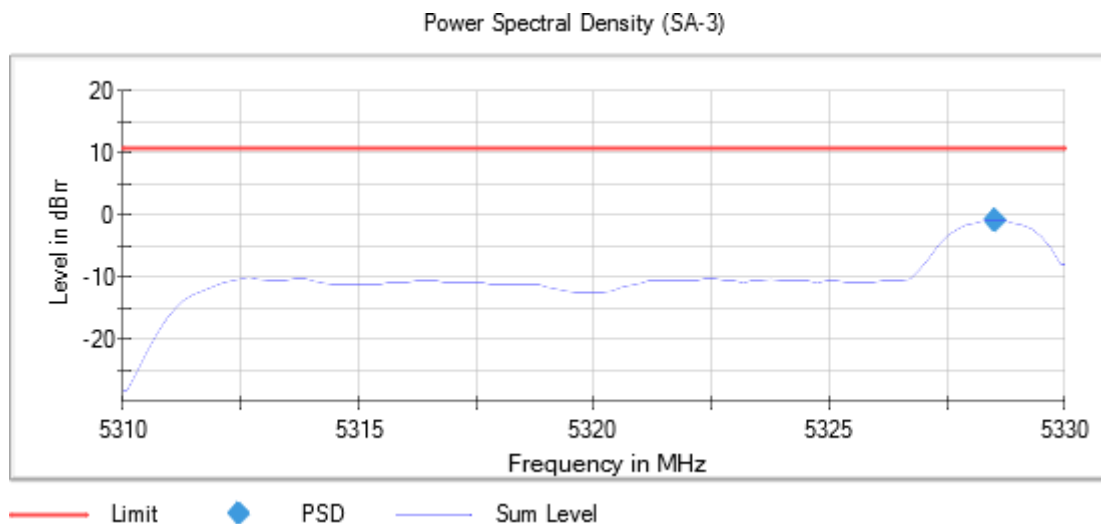
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5320.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Date: 10.FEB.2026 12:09:09



Date: 10.FEB.2026 12:12:01

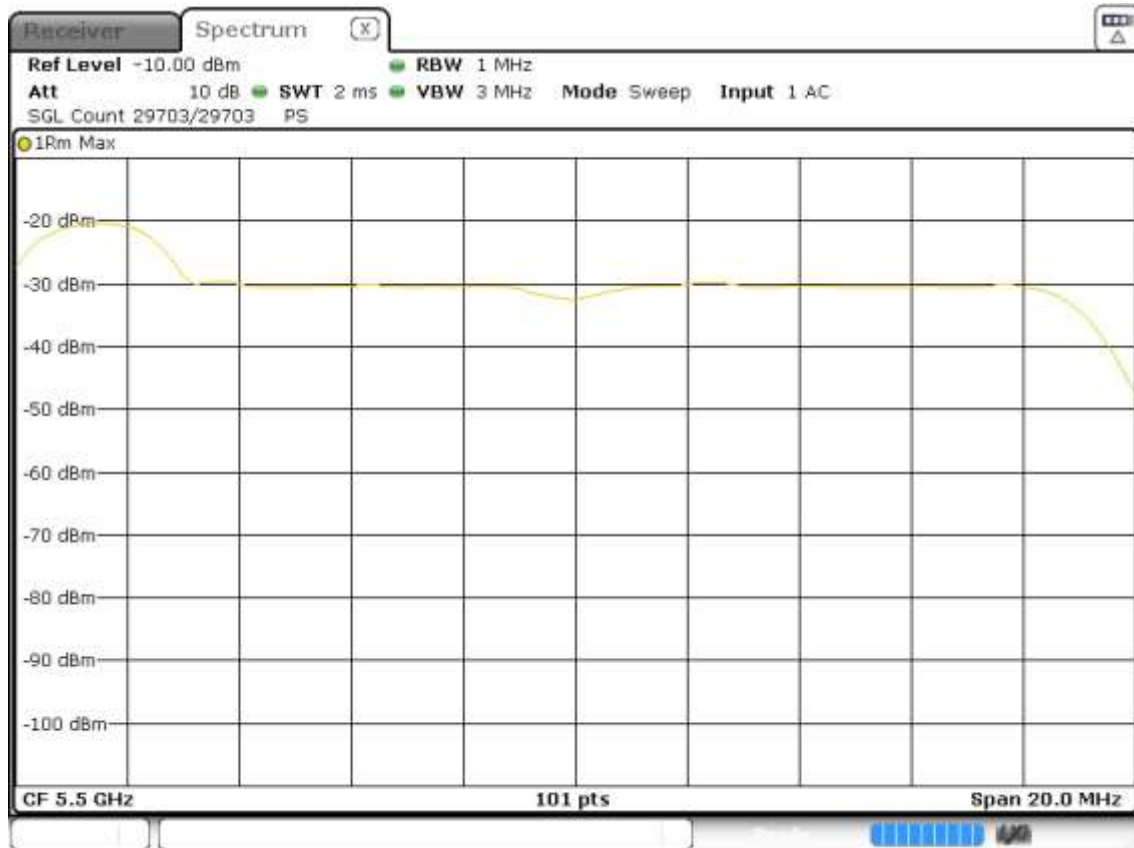
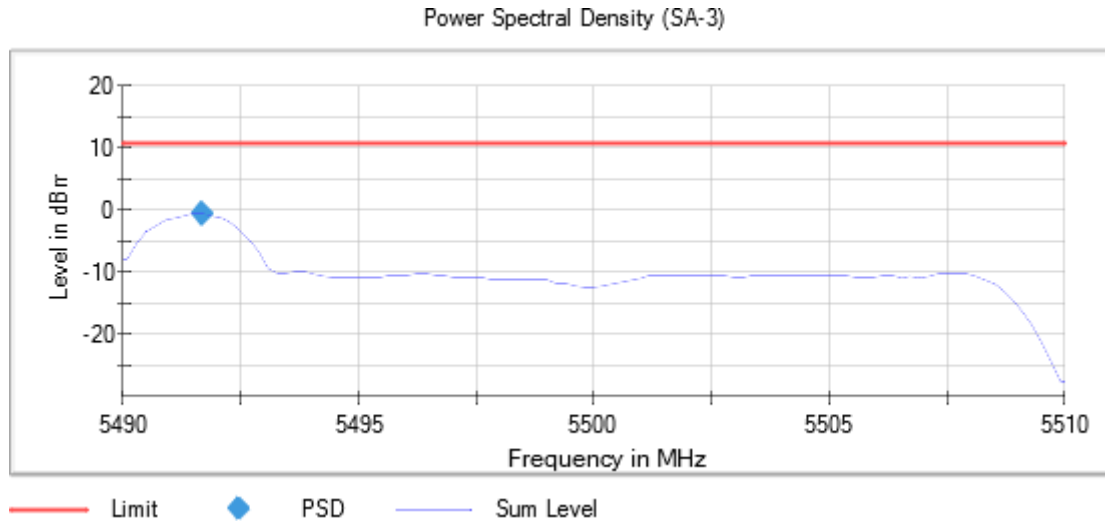
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5500.00000

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0) - RU

TPC = No

Images:



Date: 10.FEB.2026 12:19:41



Date: 10.FEB.2026 12:22:33