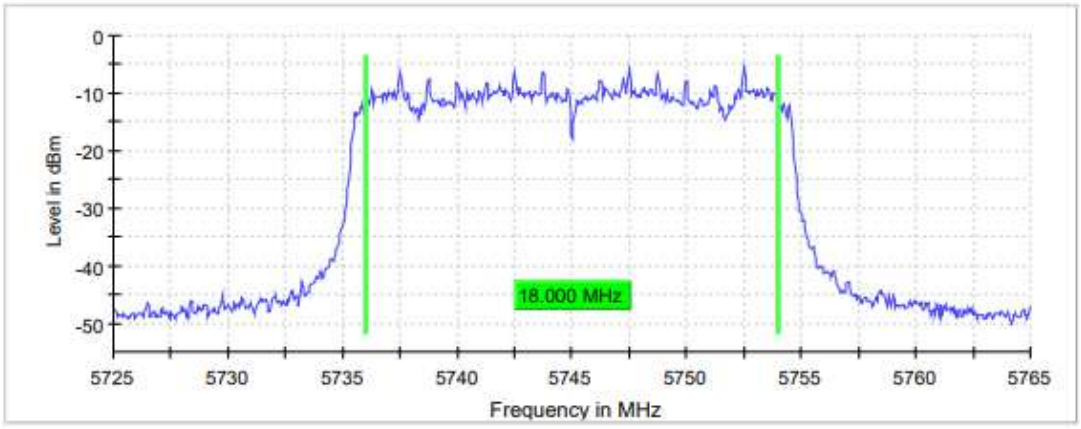
Test Condition: TC#02 (ax mode beam forming)

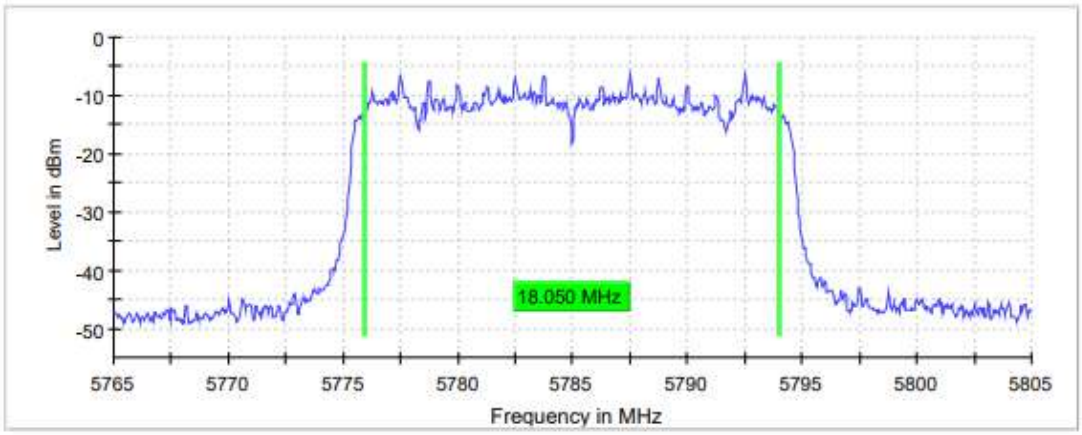
Bandwidth: 20 MHz

	Lowest frequency 5745 MHz	Middle frequency 5785 MHz	Highest frequency 5825 MHz
6dB Bandwidth (MHz)	18.000	18.050	18.500

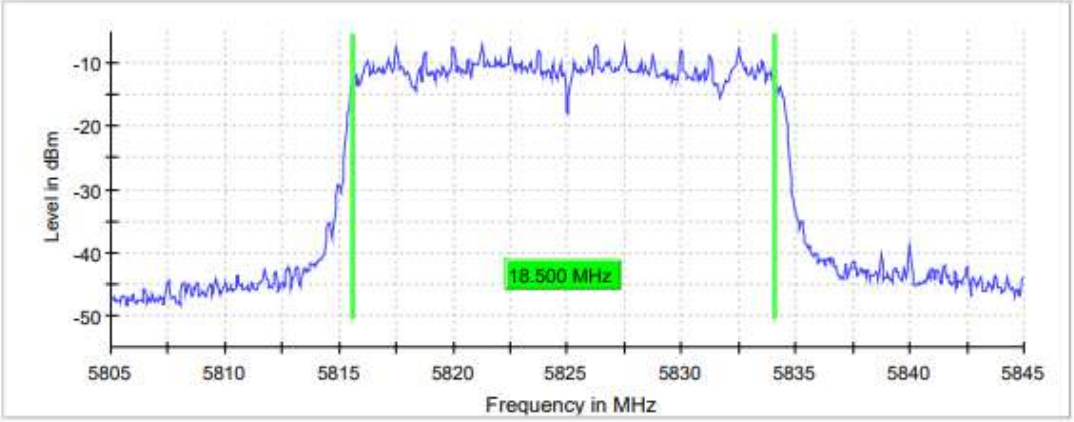
Lowest Channel



Middle Channel



Highest Channel



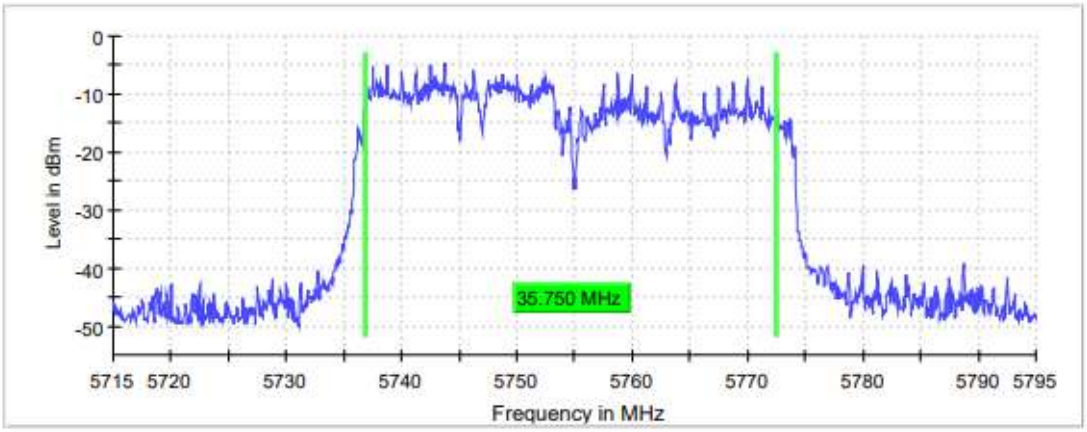
Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.72500 GHz	5.76500 GHz	5.80500 GHz
Stop Frequency	5.76500 GHz	5.80500 GHz	5.84500 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	100.000 kHz	200.000 kHz	200.000 kHz
VBW	300.000 kHz	300.000 kHz	300.000 kHz
Sweep Points	800	800	800
Sweep time	56.836 µs	56.836 µs	56.836 µs
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	63 / max. 150	54 / max. 150	86 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.27 dB	0.25 dB	0.05 dB

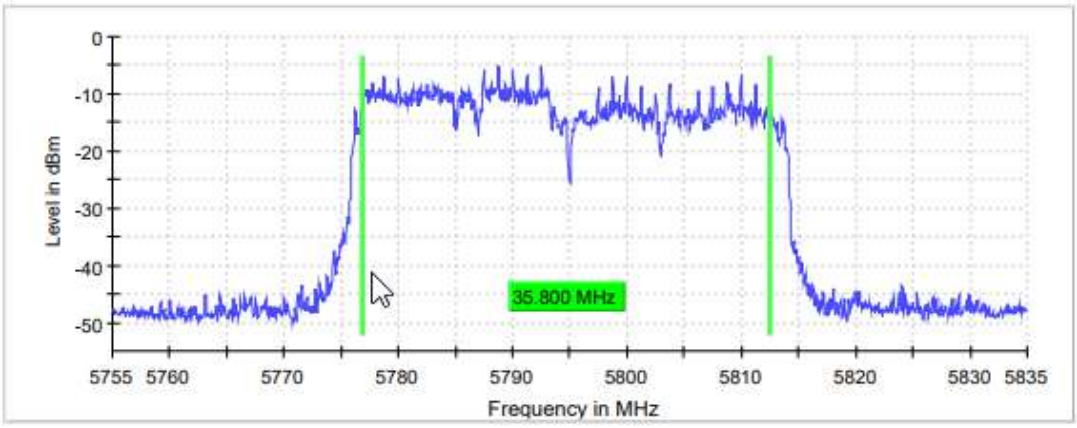
Bandwidth: 40 MHz

	Lowest frequency 5755 MHz	Highest frequency 5795 MHz
6dB Bandwidth (MHz)	35.750	35.800

Lowest Channel



Highest Channel



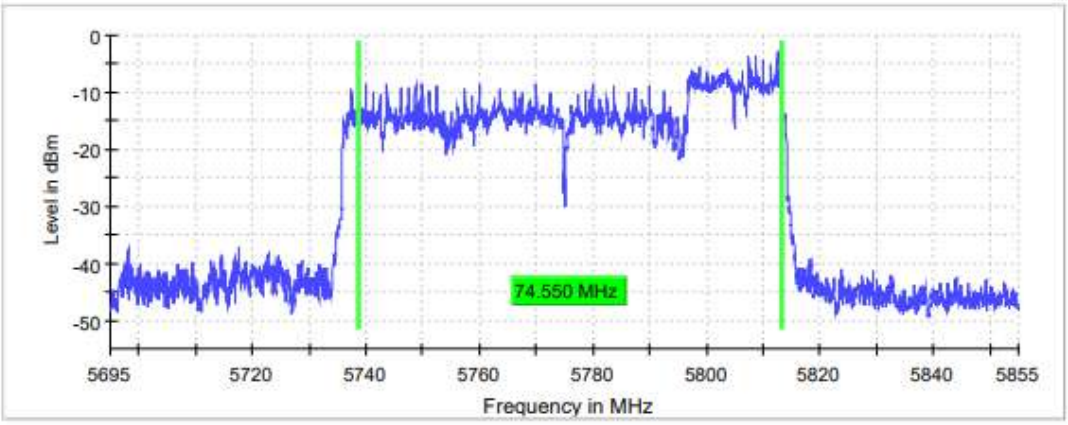
Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.71500 GHz	5.75500 GHz
Stop Frequency	5.79500 GHz	5.83500 GHz
Span	80.000 MHz	80.000 MHz
RBW	100.000 kHz	100.000 kHz
VBW	300.000 kHz	300.000 kHz
Sweep Points	1600	1600
Sweep time	94.727 µs	94.727 µs
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	113 / max. 150	104 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.06 dB	0.17 dB

Bandwidth: 80 MHz

	Lowest frequency 5775 MHz
6dB Bandwidth (MHz)	74.550

Lowest Channel



Measurement

Setting	Instrument Value
Start Frequency	5.69500 GHz
Stop Frequency	5.85500 GHz
Span	160.000 MHz
RBW	100.000 kHz
VBW	300.000 kHz
Sweep Points	3200
Sweep time	189.453 µs
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	Off
Stable mode	Trace
Stable value	0.30 dB
Run	121 / max. 150
Stable	5 / 5
Max Stable Difference	0.09 dB

SECTION F.4: RSS-247 6.2.4.2 / FCC 15.407 (B) (4) TRANSMITTER BAND EDGE CONDUCTED EMISSIONS

Limits

For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz (68.20 dBµV/m at 3 m distance).

For transmitters operating in the 5.725 – 5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band Edge

Note: The following test results are shown based on KDB 662911 D01 Multiple Transmitter Output v02r01 E) 3) a) (ii) Measure and sum spectral maxima across the outputs as described in section E)2)b).

TC#01 (ax mode non-beam forming)

Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

Mode: SISO

Modulation: 802.11ax HE20 SS1 (OFDMA MCS8)

Results

Port	Freq (MHz)	Lvl (dBm)
1	5180.00000	-39.6
1	5180.00000	-40.2
1	5180.00000	-40.8
1	5180.00000	-40.8
1	5180.00000	-40.8
1	5180.00000	-40.9
1	5180.00000	-41.0
1	5180.00000	-41.0
1	5180.00000	-41.0
1	5240.00000	-55.4
1	5240.00000	-55.5
1	5240.00000	-55.9

Port	Freq (MHz)	Lvl (dBm)
1	5240.00000	-56.1
1	5240.00000	-56.1
1	5240.00000	-56.1
1	5240.00000	-56.2
1	5240.00000	-56.2
1	5240.00000	-56.3
1	5260.00000	-55.4
1	5260.00000	-56.1
1	5260.00000	-56.2
1	5260.00000	-56.2
1	5260.00000	-56.4
1	5260.00000	-56.6
1	5260.00000	-56.6
1	5260.00000	-56.7
1	5260.00000	-56.7
1	5320.00000	-35.9
1	5320.00000	-36.0
1	5320.00000	-36.3
1	5320.00000	-36.6
1	5320.00000	-37.4
1	5320.00000	-38.1
1	5320.00000	-38.2
1	5320.00000	-38.4
1	5320.00000	-38.6
1	5500.00000	-30.1
1	5500.00000	-30.2
1	5500.00000	-30.5
1	5500.00000	-31.1
1	5500.00000	-31.2
1	5500.00000	-31.3

Port	Freq (MHz)	Lvl (dBm)
1	5500.00000	-31.3
1	5500.00000	-31.4
1	5500.00000	-31.5
1	5700.00000	-32.7
1	5700.00000	-33.3
1	5700.00000	-33.4
1	5700.00000	-33.5
1	5700.00000	-34.2
1	5700.00000	-34.5
1	5700.00000	-34.7
1	5700.00000	-35.8
1	5700.00000	-35.8
1	5745.00000	-53.7
1	5745.00000	-53.3
1	5745.00000	-53.9
1	5745.00000	-53.9
1	5745.00000	-54.0
1	5745.00000	-54.4
1	5745.00000	-54.4
1	5745.00000	-54.4
1	5745.00000	-54.6
1	5825.00000	-53.6
1	5825.00000	-53.8
1	5825.00000	-54.1
1	5825.00000	-54.1
1	5825.00000	-54.2
1	5825.00000	-54.2
1	5825.00000	-54.2
1	5825.00000	-54.3
1	5825.00000	-54.3

Port	Freq (MHz)	Lvl (dBm)
2	5180.00000	-39.3
2	5180.00000	-39.4
2	5180.00000	-39.8
2	5180.00000	-39.9
2	5180.00000	-40.5
2	5180.00000	-41.5
2	5180.00000	-42.0
2	5180.00000	-42.1
2	5180.00000	-42.1
2	5240.00000	-56.2
2	5240.00000	-56.6
2	5240.00000	-56.7
2	5240.00000	-56.9
2	5240.00000	-56.9
2	5240.00000	-57.0
2	5240.00000	-57.2
2	5240.00000	-57.2
2	5240.00000	-57.2
2	5260.00000	-54.2
2	5260.00000	-54.8
2	5260.00000	-55.0
2	5260.00000	-55.6
2	5260.00000	-56.2
2	5260.00000	-56.3
2	5260.00000	-56.3
2	5260.00000	-56.4
2	5260.00000	-56.4
2	5320.00000	-44.2
2	5320.00000	-45.3
2	5320.00000	-45.5

Port	Freq (MHz)	Lvl (dBm)
2	5320.00000	-45.5
2	5320.00000	-45.7
2	5320.00000	-45.9
2	5320.00000	-46.1
2	5320.00000	-46.5
2	5320.00000	-46.8
2	5500.00000	-49.0
2	5500.00000	-49.0
2	5500.00000	-49.8
2	5500.00000	-49.9
2	5500.00000	-49.9
2	5500.00000	-50.3
2	5500.00000	-50.3
2	5500.00000	-50.4
2	5500.00000	-50.5
2	5700.00000	-37.2
2	5700.00000	-37.4
2	5700.00000	-38.4
2	5700.00000	-38.8
2	5700.00000	-39.3
2	5700.00000	-39.4
2	5700.00000	-39.6
2	5700.00000	-40.0
2	5700.00000	-41.4
2	5745.00000	-55.1
2	5745.00000	-56.2
2	5745.00000	-56.4
2	5745.00000	-56.4
2	5745.00000	-56.4
2	5745.00000	-56.3

Port	Freq (MHz)	Lvl (dBm)
2	5745.00000	-56.6
2	5745.00000	-56.6
2	5745.00000	-56.6
2	5825.00000	-54.1
2	5825.00000	-54.2
2	5825.00000	-54.1
2	5825.00000	-54.4
2	5825.00000	-54.4
2	5825.00000	-54.4
2	5825.00000	-54.4
2	5825.00000	-54.5
2	5825.00000	-54.5
1	5180.00000	-41.1
1	5180.00000	-41.4
1	5180.00000	-41.5
1	5180.00000	-42.0
1	5180.00000	-42.4
1	5180.00000	-42.5
1	5240.00000	-56.3
1	5240.00000	-56.3
1	5240.00000	-56.3
1	5240.00000	-56.4
1	5240.00000	-56.5
1	5240.00000	-56.5
1	5260.00000	-56.7
1	5260.00000	-56.8
1	5260.00000	-56.9
1	5260.00000	-56.9
1	5260.00000	-56.9
1	5260.00000	-56.9

Port	Freq (MHz)	Lvl (dBm)
1	5320.00000	-38.6
1	5320.00000	-38.6
1	5320.00000	-38.6
1	5320.00000	-39.4
1	5320.00000	-39.8
1	5320.00000	-39.9
1	5500.00000	-31.9
1	5500.00000	-32.4
1	5500.00000	-32.4
1	5500.00000	-33.3
1	5500.00000	-33.5
1	5500.00000	-33.5
1	5700.00000	-36.0
1	5700.00000	-36.1
1	5700.00000	-36.2
1	5700.00000	-36.2
1	5700.00000	-36.3
1	5700.00000	-36.4
1	5745.00000	-54.7
1	5745.00000	-54.7
1	5745.00000	-54.7
1	5745.00000	-54.8
1	5745.00000	-54.8
1	5745.00000	-54.8
1	5825.00000	-54.3
1	5825.00000	-54.4
1	5825.00000	-54.4
1	5825.00000	-54.2
1	5825.00000	-54.4
1	5825.00000	-54.4

Port	Freq (MHz)	Lvl (dBm)
2	5180.00000	-42.8
2	5180.00000	-42.8
2	5180.00000	-43.1
2	5180.00000	-44.1
2	5180.00000	-44.6
2	5180.00000	-44.8
2	5240.00000	-57.3
2	5240.00000	-57.3
2	5240.00000	-57.4
2	5240.00000	-57.4
2	5240.00000	-57.4
2	5240.00000	-57.4
2	5260.00000	-56.4
2	5260.00000	-56.5
2	5260.00000	-56.6
2	5260.00000	-56.6
2	5260.00000	-56.7
2	5260.00000	-56.7
2	5320.00000	-46.8
2	5320.00000	-46.9
2	5320.00000	-46.9
2	5320.00000	-47.5
2	5320.00000	-47.6
2	5320.00000	-48.1
2	5500.00000	-50.6
2	5500.00000	-50.8
2	5500.00000	-51.3
2	5500.00000	-51.4
2	5500.00000	-51.5
2	5500.00000	-52.3

Port	Freq (MHz)	Lvl (dBm)
2	5700.00000	-41.7
2	5700.00000	-42.8
2	5700.00000	-42.8
2	5700.00000	-43.3
2	5700.00000	-43.9
2	5700.00000	-44.1
2	5745.00000	-56.7
2	5745.00000	-56.7
2	5745.00000	-56.7
2	5745.00000	-56.8
2	5745.00000	-56.8
2	5745.00000	-56.9
2	5825.00000	-54.5
2	5825.00000	-54.6
2	5825.00000	-54.6
2	5825.00000	-54.6
2	5825.00000	-54.7
2	5825.00000	-54.7

Verdict

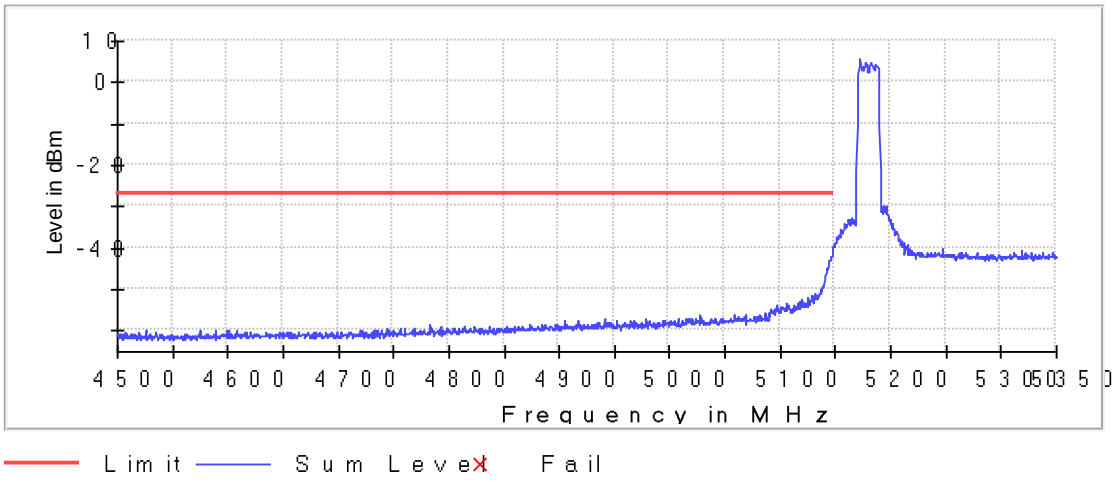
Pass

Attachments

Active Port = 1, Frequency MHz = 5180.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

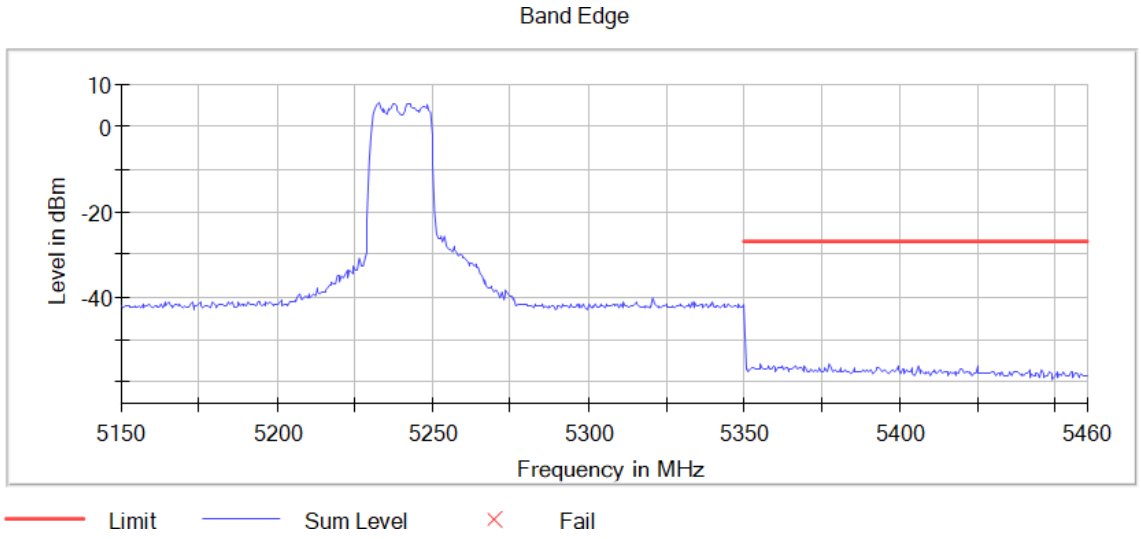
Images:

Band Edge


10
0
-20
-40
Level in dBm
4500
4600
4700
4800
4900
5000
5100
5200
5300
5350
Frequency in MHz
Limit
Sum Level
Fail

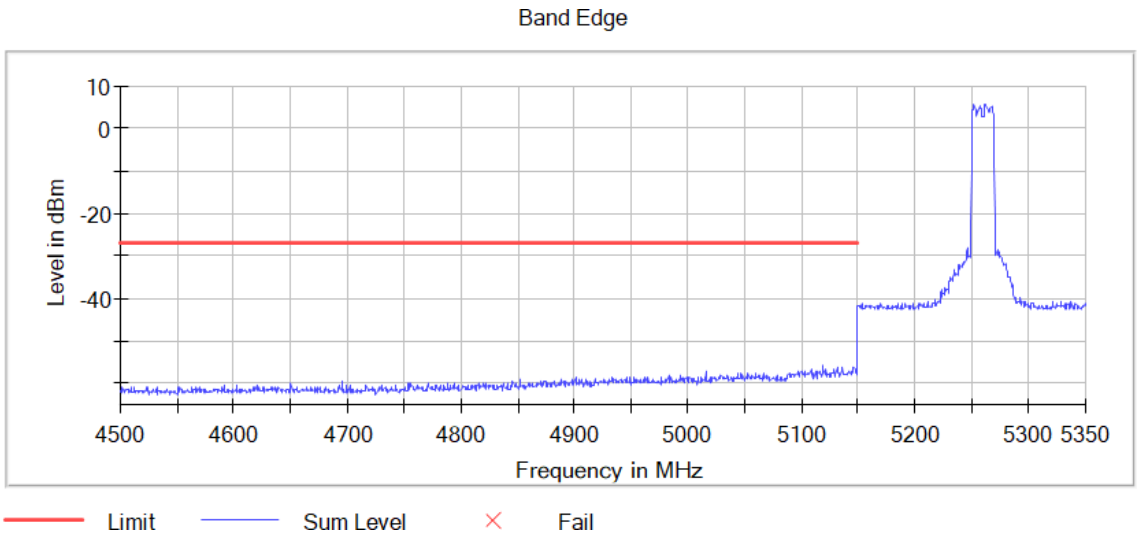
Active Port = 1, Frequency MHz = 5240.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



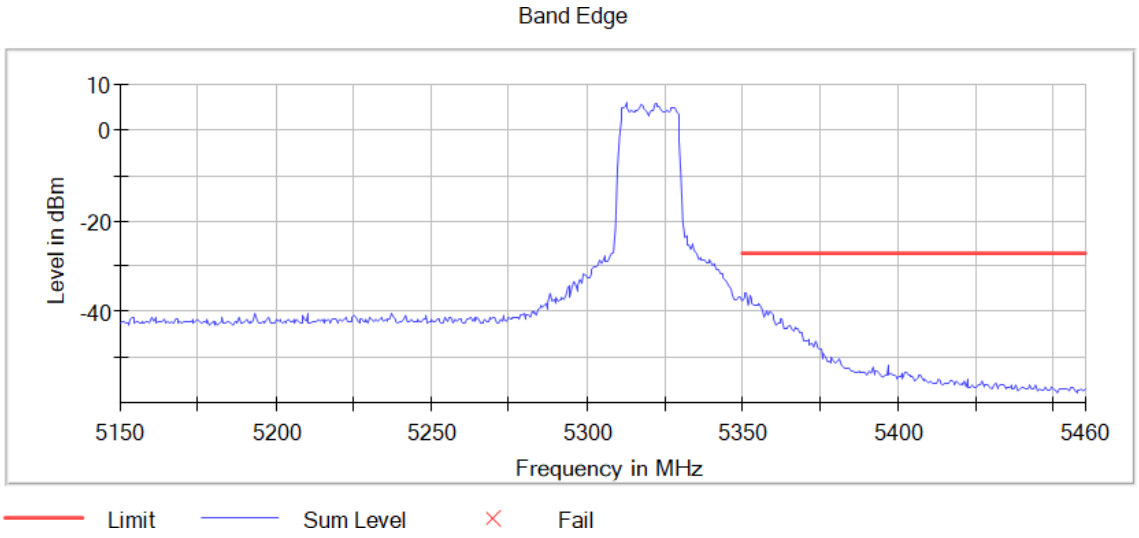
Active Port = 1, Frequency MHz = 5260.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



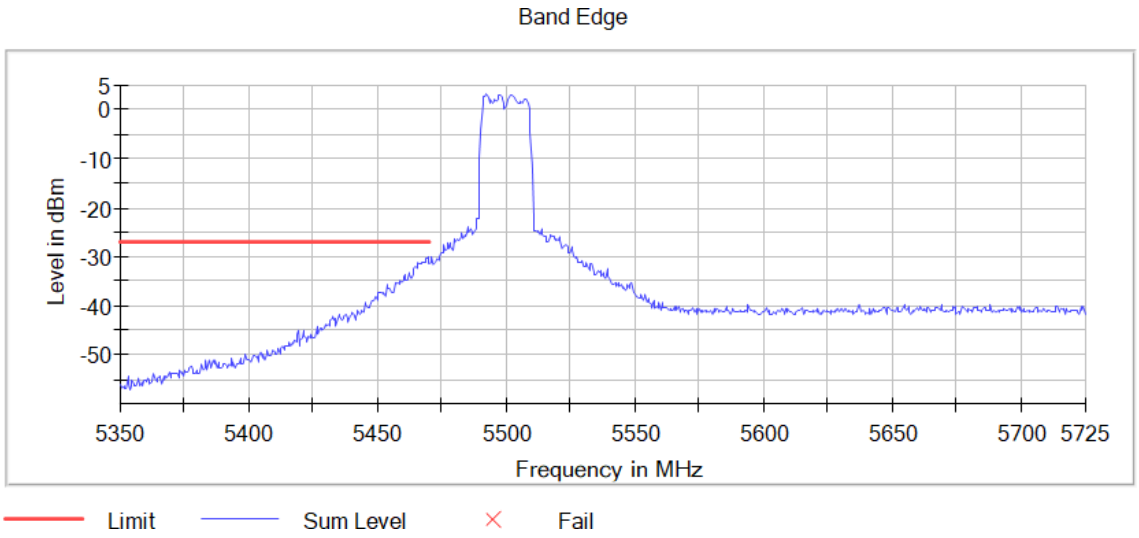
Active Port = 1, Frequency MHz = 5320.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



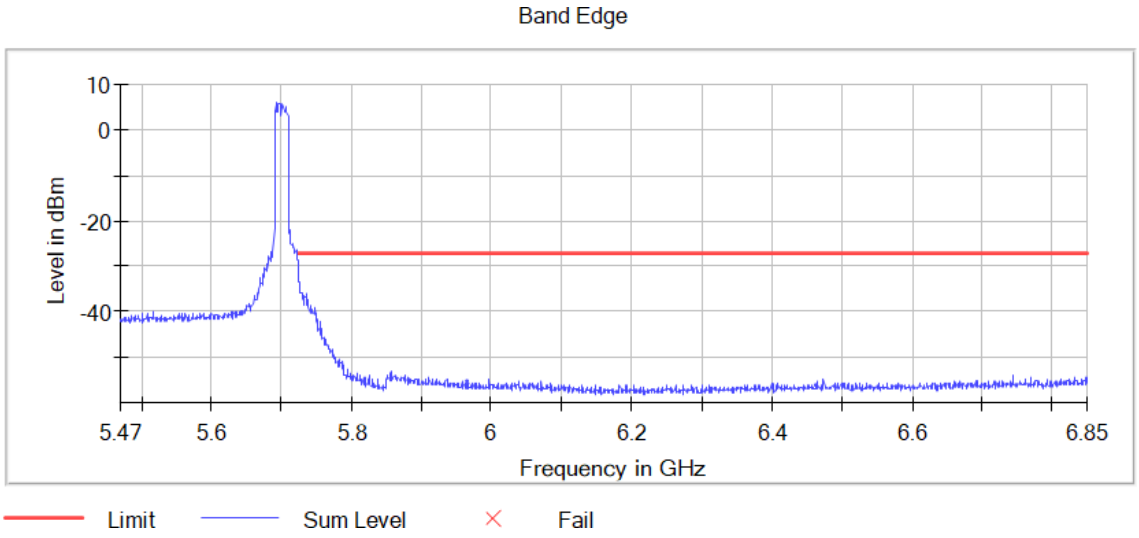
Active Port = 1, Frequency MHz = 5500.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



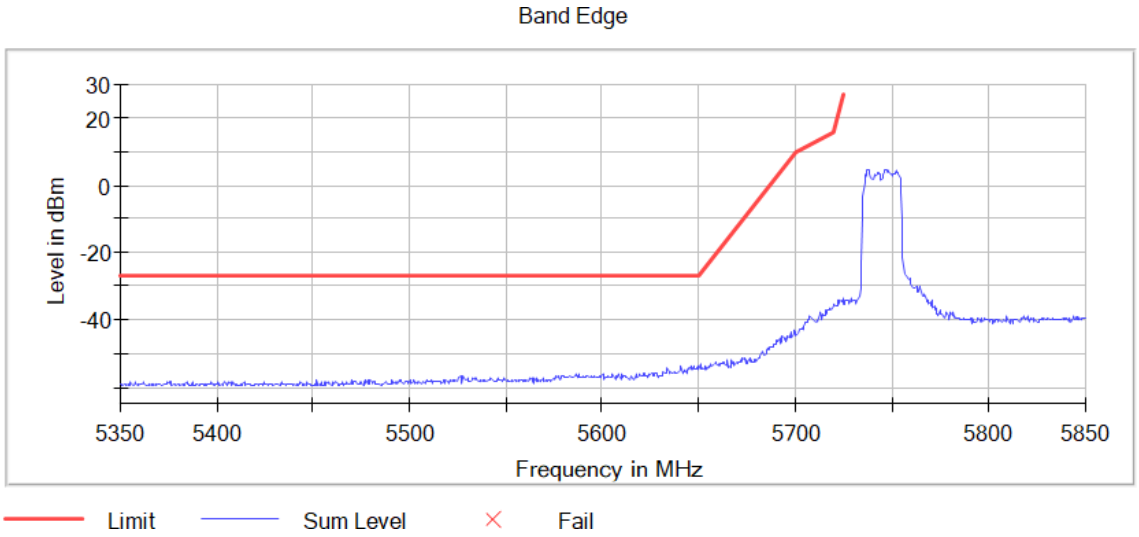
Active Port = 1, Frequency MHz = 5700.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



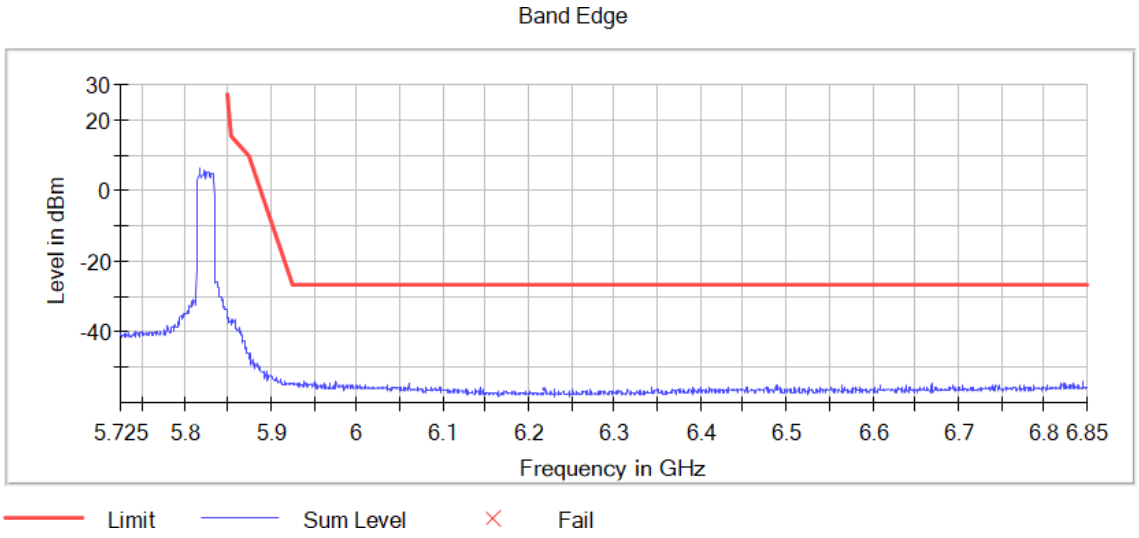
Active Port = 1, Frequency MHz = 5745.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



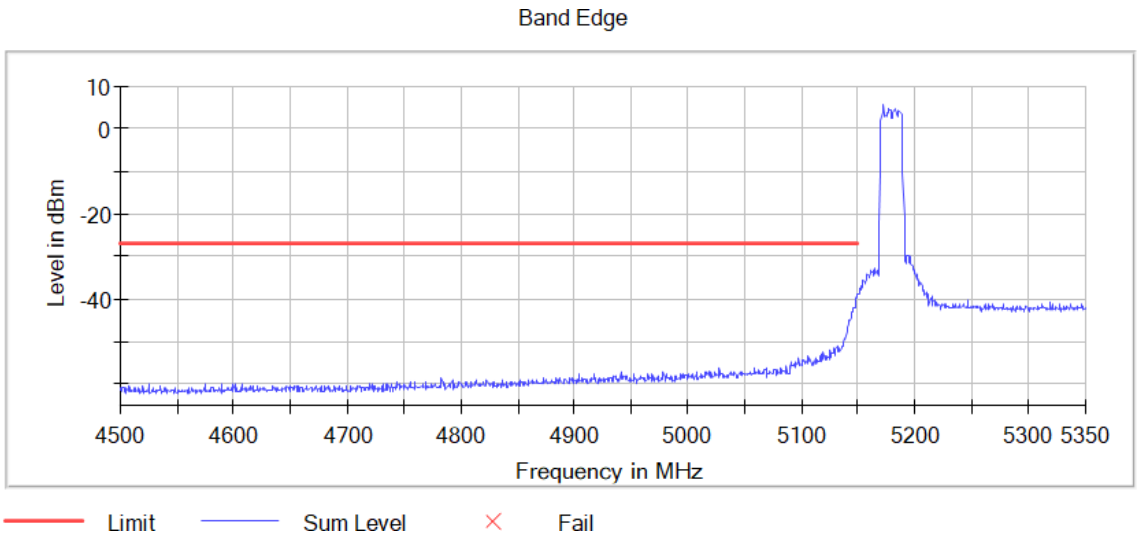
Active Port = 1, Frequency MHz = 5825.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



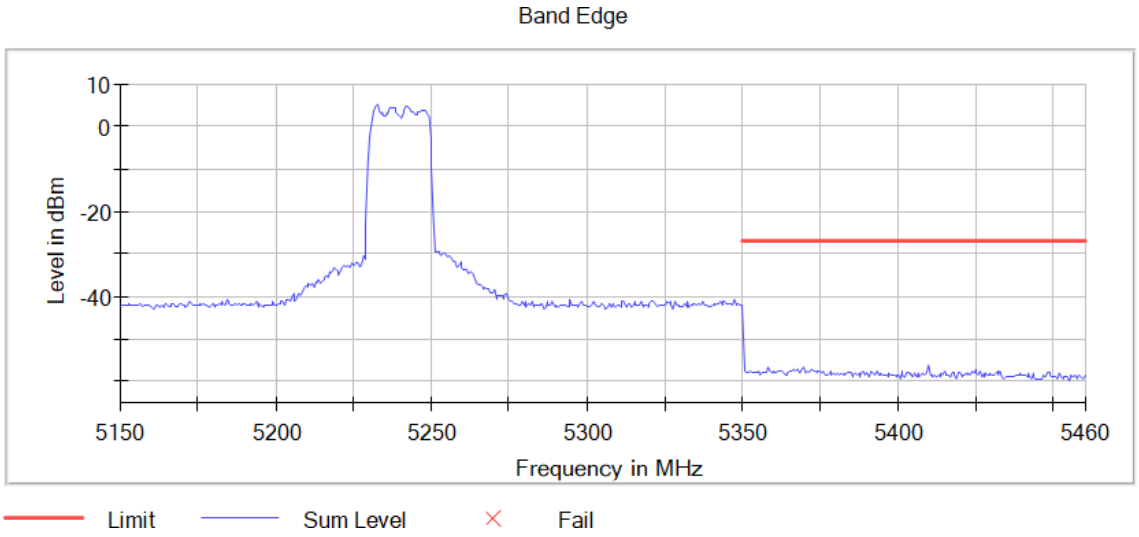
Active Port = 2, Frequency MHz = 5180.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



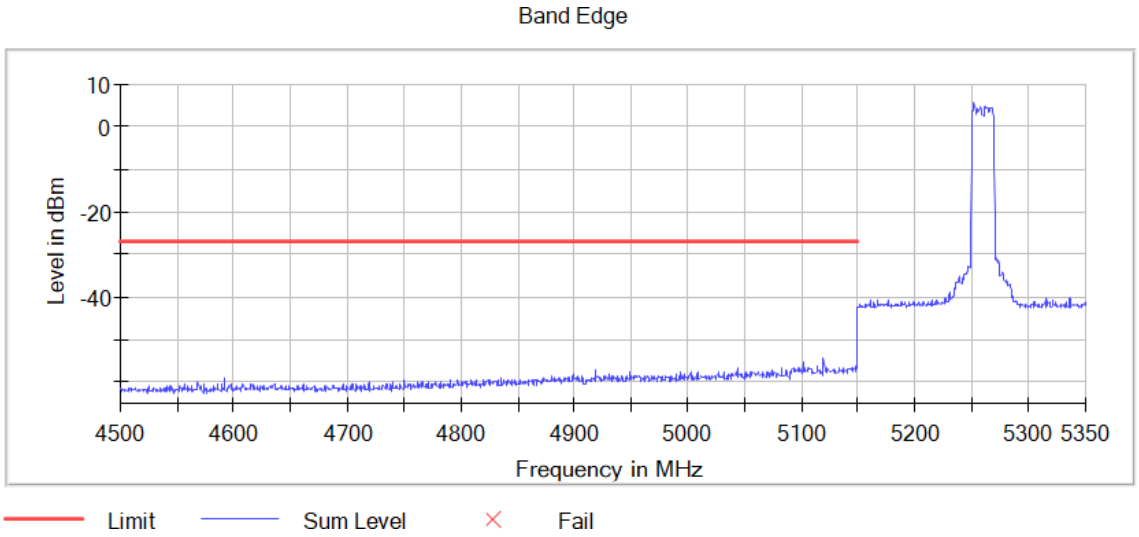
Active Port = 2, Frequency MHz = 5240.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



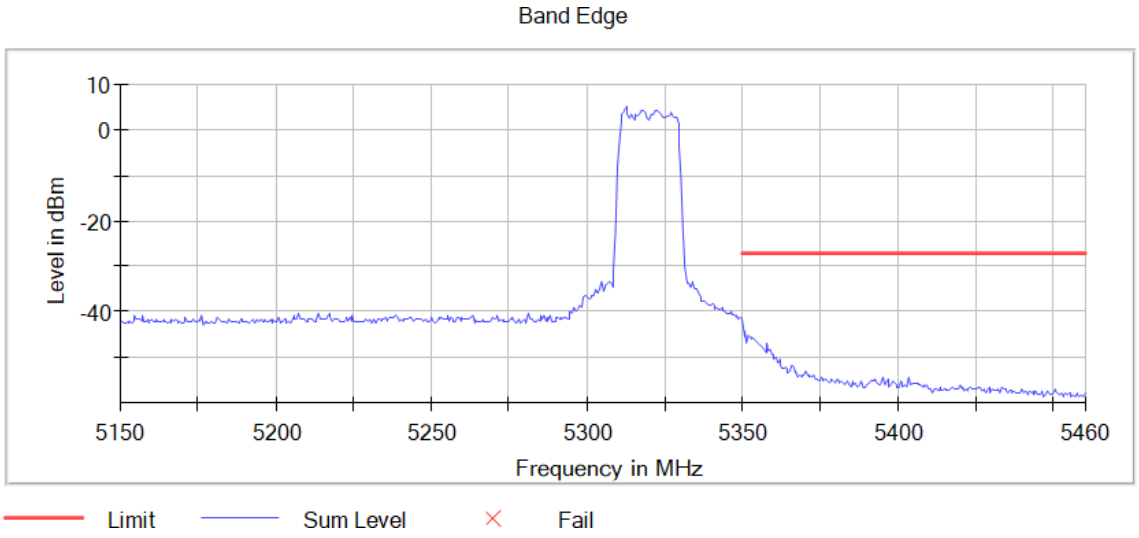
Active Port = 2, Frequency MHz = 5260.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



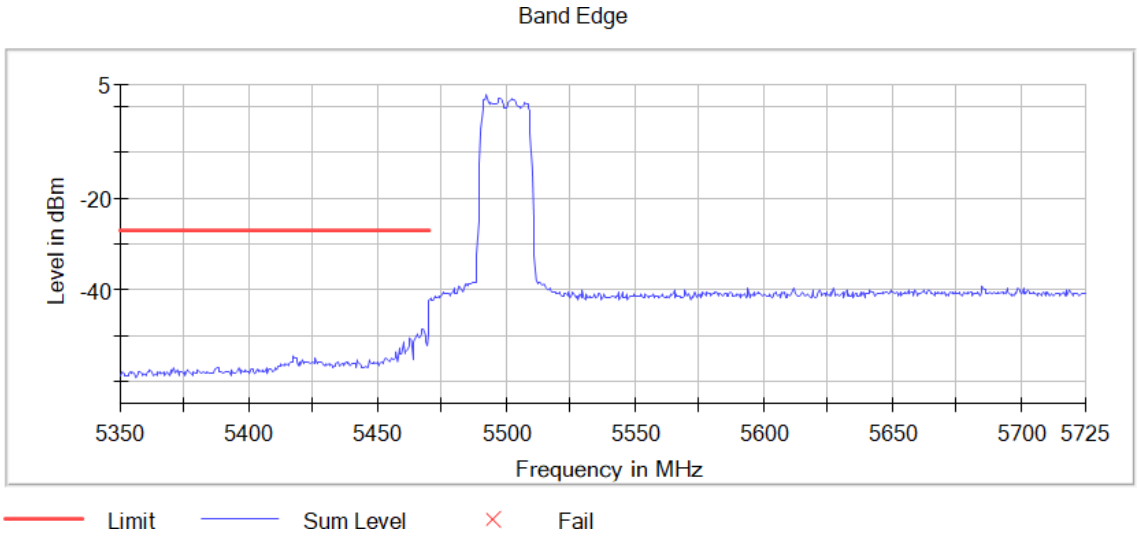
Active Port = 2, Frequency MHz = 5320.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



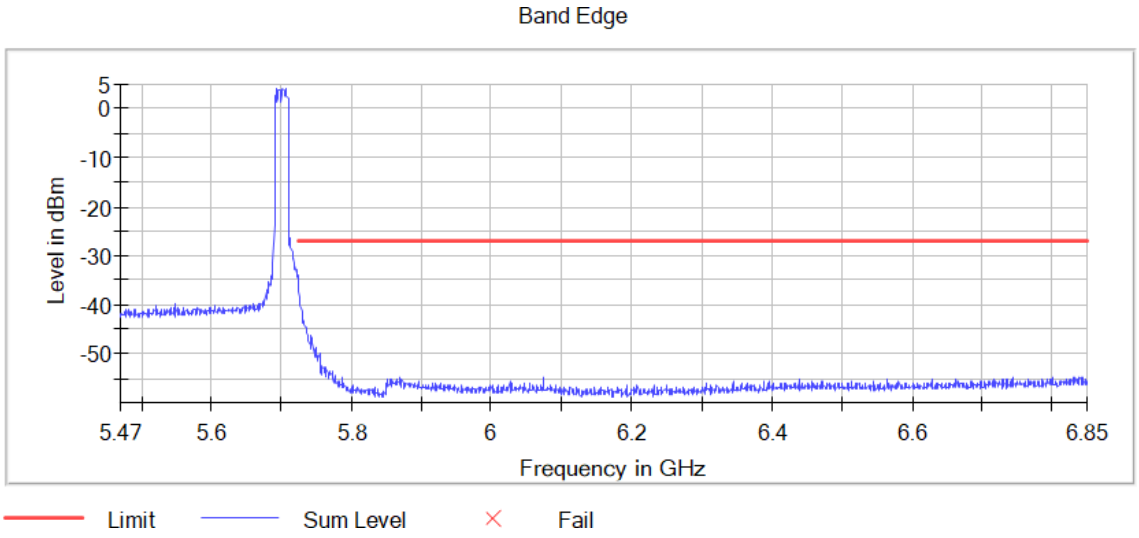
Active Port = 2, Frequency MHz = 5500.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



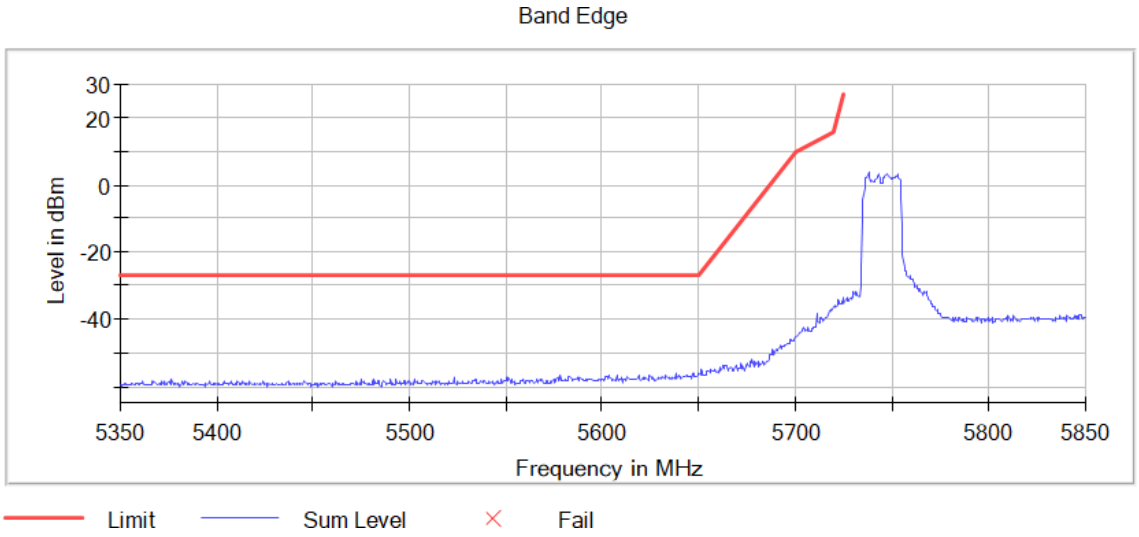
Active Port = 2, Frequency MHz = 5700.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



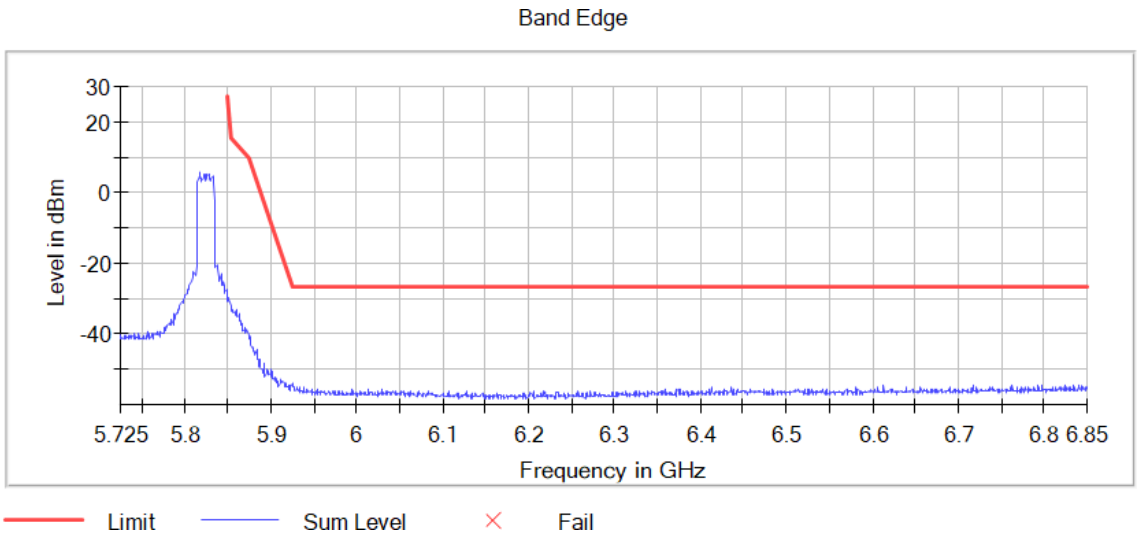
Active Port = 2, Frequency MHz = 5745.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



Active Port = 2, Frequency MHz = 5825.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Measurement Point = 1

Images:



Mode: SISO

Modulation: 802.11ax HE40 SS1 (OFDMA MCS9)

Results

Port	Freq (MHz)	Lvl (dBm)
1	5190.00000	-36.1
1	5190.00000	-36.9
1	5190.00000	-37.5
1	5190.00000	-37.5
1	5190.00000	-37.5
1	5190.00000	-37.7
1	5190.00000	-37.7
1	5190.00000	-37.8
1	5190.00000	-38.1
1	5230.00000	-54.1
1	5230.00000	-54.3
1	5230.00000	-54.9

Port	Freq (MHz)	Lvl (dBm)
1	5230.00000	-55.0
1	5230.00000	-55.1
1	5230.00000	-55.1
1	5230.00000	-55.2
1	5230.00000	-55.2
1	5230.00000	-55.2
1	5270.00000	-53.6
1	5270.00000	-54.2
1	5270.00000	-54.4
1	5270.00000	-54.4
1	5270.00000	-54.6
1	5270.00000	-54.7
1	5270.00000	-54.7
1	5270.00000	-54.8
1	5270.00000	-54.9
1	5310.00000	-29.1
1	5310.00000	-29.3
1	5310.00000	-30.3
1	5310.00000	-30.4
1	5310.00000	-30.5
1	5310.00000	-30.6
1	5310.00000	-30.6
1	5310.00000	-30.9
1	5310.00000	-31.0
1	5510.00000	-27.2
1	5510.00000	-27.6
1	5510.00000	-28.5

Port	Freq (MHz)	Lvl (dBm)
1	5510.00000	-28.8
1	5510.00000	-28.9
1	5510.00000	-29.2
1	5510.00000	-29.3
1	5510.00000	-29.4
1	5510.00000	-29.4
1	5670.00000	-36.9
1	5670.00000	-37.4
1	5670.00000	-37.5
1	5670.00000	-37.9
1	5670.00000	-38.2
1	5670.00000	-38.3
1	5670.00000	-38.4
1	5670.00000	-38.6
1	5670.00000	-38.8
1	5755.00000	-52.2
1	5755.00000	-52.4
1	5755.00000	-52.6
1	5755.00000	-52.7
1	5755.00000	-52.7
1	5755.00000	-52.8
1	5755.00000	-52.8
1	5755.00000	-53.1
1	5755.00000	-53.1
1	5795.00000	-53.1
1	5795.00000	-53.1
1	5795.00000	-53.3

Port	Freq (MHz)	Lvl (dBm)
1	5795.00000	-53.4
1	5795.00000	-53.4
1	5795.00000	-53.5
1	5795.00000	-53.1
1	5795.00000	-53.7
1	5795.00000	-53.7
2	5190.00000	-37.6
2	5190.00000	-37.7
2	5190.00000	-38.6
2	5190.00000	-38.7
2	5190.00000	-38.7
2	5190.00000	-38.9
2	5190.00000	-38.9
2	5190.00000	-40.4
2	5190.00000	-41.0
2	5230.00000	-56.2
2	5230.00000	-56.5
2	5230.00000	-56.5
2	5230.00000	-56.5
2	5230.00000	-56.7
2	5230.00000	-56.7
2	5230.00000	-56.7
2	5230.00000	-56.8
2	5230.00000	-56.8
2	5270.00000	-54.1
2	5270.00000	-54.1
2	5270.00000	-54.3

Port	Freq (MHz)	Lvl (dBm)
2	5270.00000	-54.3
2	5270.00000	-54.9
2	5270.00000	-54.9
2	5270.00000	-55.0
2	5270.00000	-55.1
2	5270.00000	-55.1
2	5310.00000	-40.1
2	5310.00000	-40.1
2	5310.00000	-40.1
2	5310.00000	-40.6
2	5310.00000	-41.1
2	5310.00000	-41.4
2	5310.00000	-42.2
2	5310.00000	-42.5
2	5310.00000	-43.1
2	5510.00000	-43.4
2	5510.00000	-43.7
2	5510.00000	-44.0
2	5510.00000	-44.2
2	5510.00000	-44.3
2	5510.00000	-44.5
2	5510.00000	-44.5
2	5510.00000	-44.7
2	5510.00000	-44.7
2	5670.00000	-46.5
2	5670.00000	-46.8
2	5670.00000	-47.2

Port	Freq (MHz)	Lvl (dBm)
2	5670.00000	-47.5
2	5670.00000	-47.9
2	5670.00000	-48.3
2	5670.00000	-48.5
2	5670.00000	-48.5
2	5670.00000	-48.6
2	5755.00000	-52.9
2	5755.00000	-53.9
2	5755.00000	-54.1
2	5755.00000	-53.9
2	5755.00000	-54.3
2	5755.00000	-54.3
2	5755.00000	-54.4
2	5755.00000	-54.4
2	5755.00000	-54.5
2	5795.00000	-53.4
2	5795.00000	-54.0
2	5795.00000	-54.1
2	5795.00000	-54.3
2	5795.00000	-54.4
2	5795.00000	-54.4
2	5795.00000	-54.4
2	5795.00000	-54.4
2	5795.00000	-54.5
1	5190.00000	-38.2
1	5190.00000	-38.3
1	5190.00000	-38.6

Port	Freq (MHz)	Lvl (dBm)
1	5190.00000	-38.6
1	5190.00000	-38.9
1	5190.00000	-39.6
1	5230.00000	-55.3
1	5230.00000	-55.3
1	5230.00000	-55.4
1	5230.00000	-55.4
1	5230.00000	-55.4
1	5230.00000	-55.4
1	5270.00000	-55.0
1	5270.00000	-55.1
1	5270.00000	-55.1
1	5270.00000	-55.1
1	5270.00000	-55.2
1	5270.00000	-55.2
1	5310.00000	-31.1
1	5310.00000	-31.4
1	5310.00000	-32.2
1	5310.00000	-32.4
1	5310.00000	-32.5
1	5310.00000	-33.8
1	5510.00000	-29.5
1	5510.00000	-29.6
1	5510.00000	-30.3
1	5510.00000	-30.7
1	5510.00000	-31.0
1	5510.00000	-31.1

Port	Freq (MHz)	Lvl (dBm)
1	5670.00000	-38.8
1	5670.00000	-38.9
1	5670.00000	-38.9
1	5670.00000	-39.0
1	5670.00000	-39.0
1	5670.00000	-39.1
1	5755.00000	-53.2
1	5755.00000	-53.4
1	5755.00000	-53.5
1	5755.00000	-53.6
1	5755.00000	-53.6
1	5755.00000	-52.8
1	5795.00000	-53.7
1	5795.00000	-53.7
1	5795.00000	-53.8
1	5795.00000	-53.8
1	5795.00000	-53.8
1	5795.00000	-53.9
2	5190.00000	-41.1
2	5190.00000	-41.3
2	5190.00000	-41.8
2	5190.00000	-41.8
2	5190.00000	-42.2
2	5190.00000	-42.4
2	5230.00000	-56.8
2	5230.00000	-56.8
2	5230.00000	-56.8

Port	Freq (MHz)	Lvl (dBm)
2	5230.00000	-56.8
2	5230.00000	-56.8
2	5230.00000	-56.9
2	5270.00000	-55.1
2	5270.00000	-55.1
2	5270.00000	-55.4
2	5270.00000	-55.4
2	5270.00000	-55.5
2	5270.00000	-55.5
2	5310.00000	-43.4
2	5310.00000	-43.4
2	5310.00000	-43.5
2	5310.00000	-43.8
2	5310.00000	-44.5
2	5310.00000	-44.6
2	5510.00000	-45.4
2	5510.00000	-45.6
2	5510.00000	-45.6
2	5510.00000	-45.8
2	5510.00000	-47.6
2	5510.00000	-48.1
2	5670.00000	-48.6
2	5670.00000	-48.6
2	5670.00000	-48.7
2	5670.00000	-48.7
2	5670.00000	-48.7
2	5670.00000	-48.7

Port	Freq (MHz)	Lvl (dBm)
2	5755.00000	-54.6
2	5755.00000	-54.7
2	5755.00000	-54.8
2	5755.00000	-54.9
2	5755.00000	-54.9
2	5755.00000	-55.0
2	5795.00000	-54.5
2	5795.00000	-54.5
2	5795.00000	-54.5
2	5795.00000	-54.6
2	5795.00000	-54.6
2	5795.00000	-54.6

Verdict

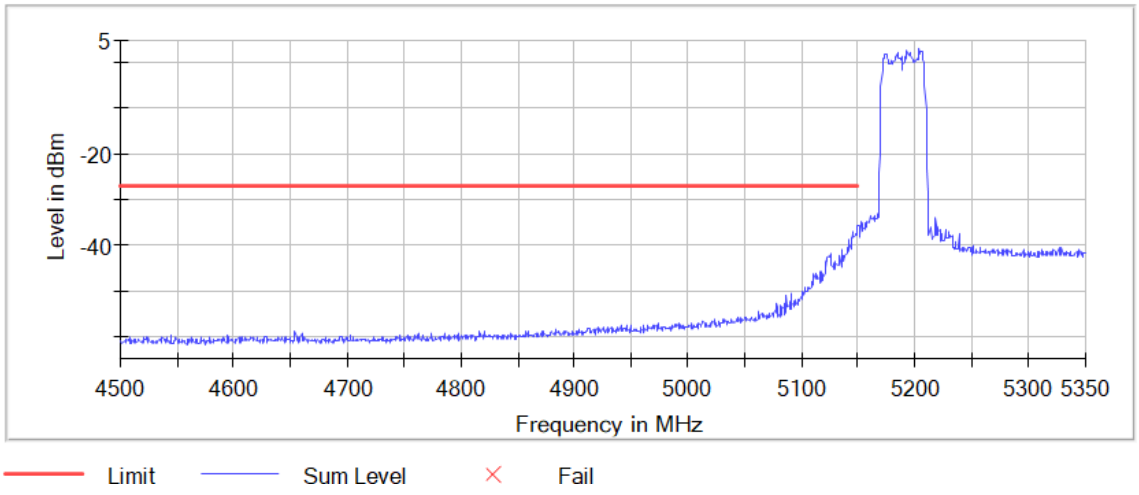
Pass

Attachments

Active Port = 1, Frequency MHz = 5190.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

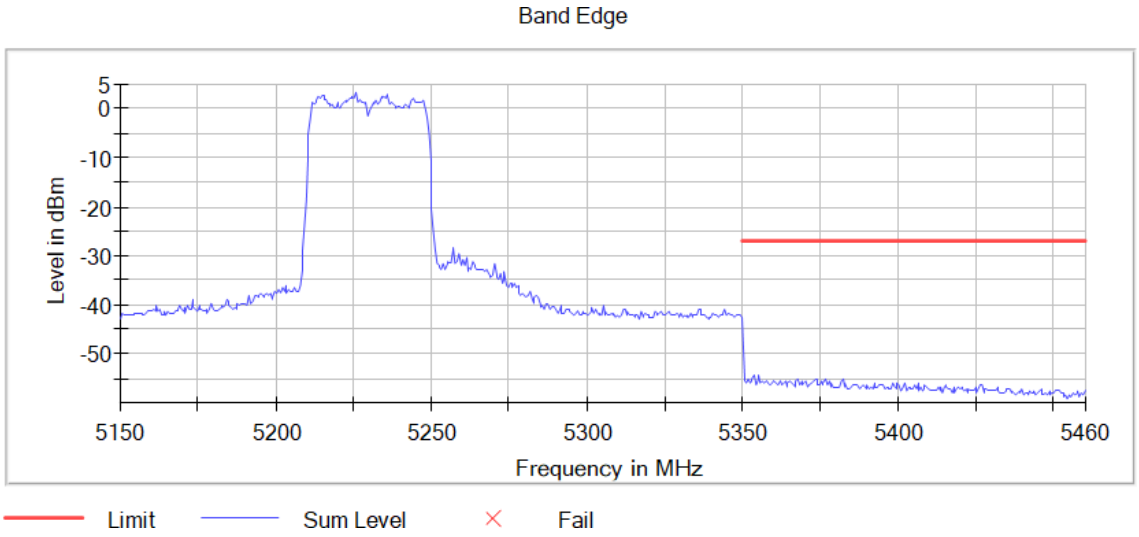
Images:

Band Edge


5
-20
-40
Level in dBm
4500
4600
4700
4800
4900
5000
5100
5200
5300
5350
Frequency in MHz
Limit
Sum Level
Fail

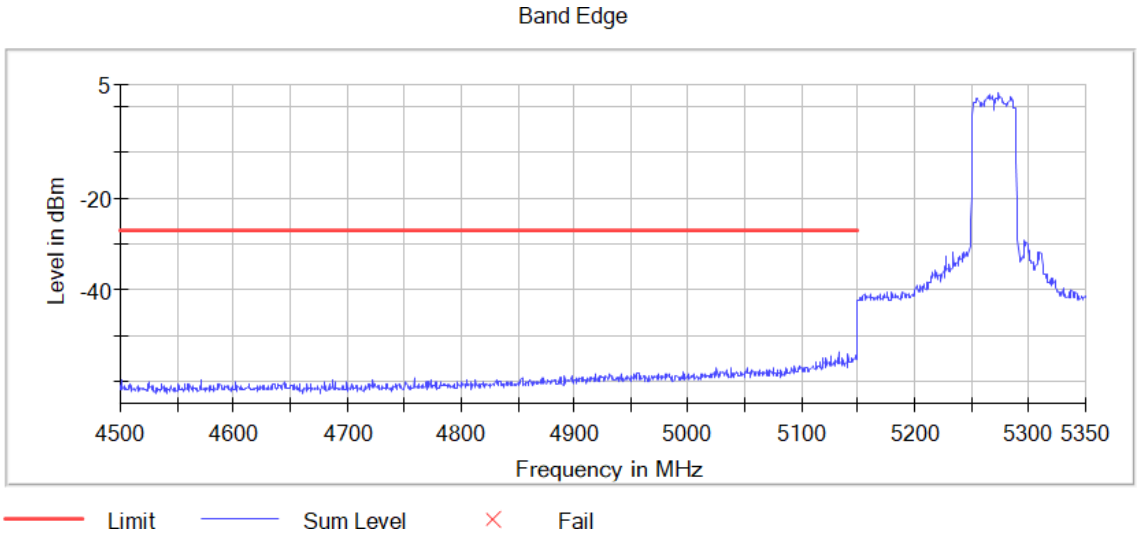
Active Port = 1, Frequency MHz = 5230.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



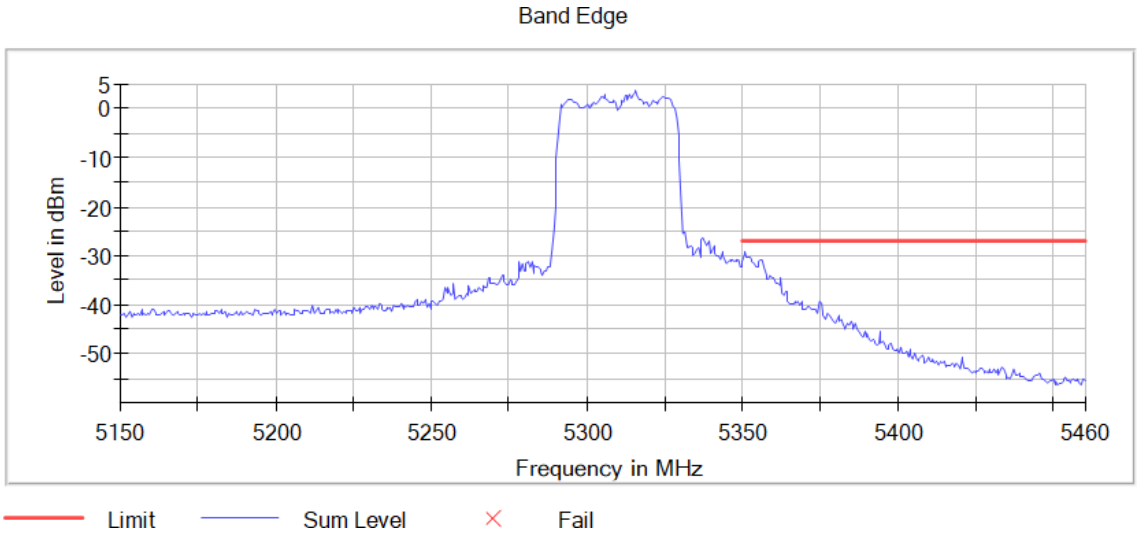
Active Port = 1, Frequency MHz = 5270.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



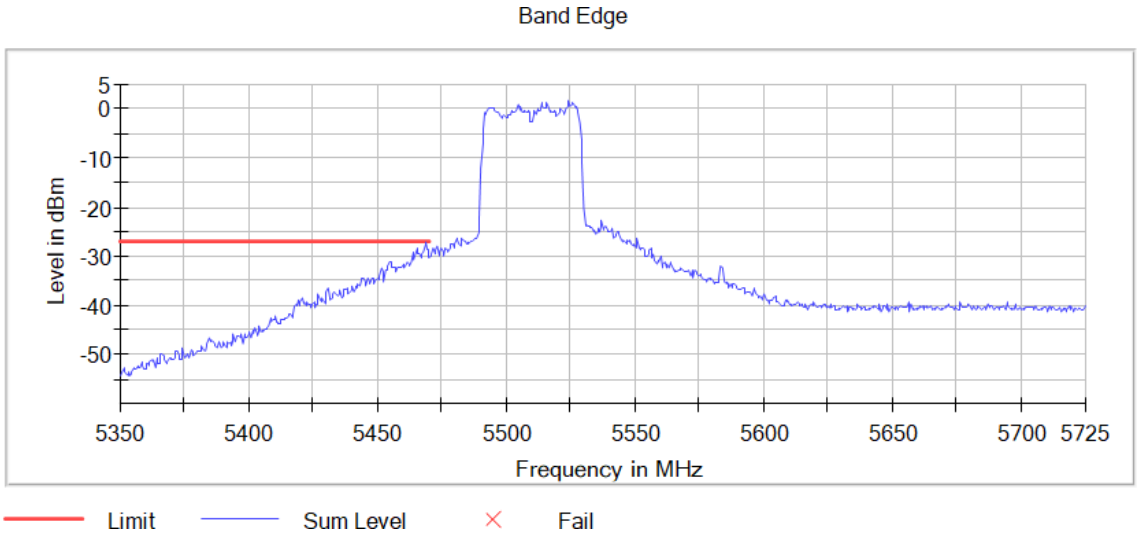
Active Port = 1, Frequency MHz = 5310.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



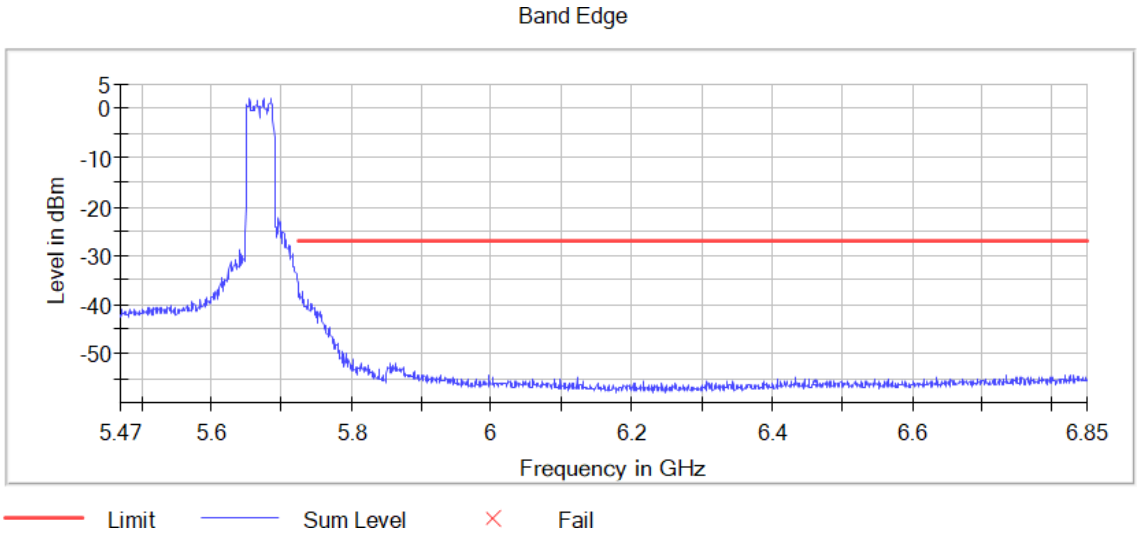
Active Port = 1, Frequency MHz = 5510.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



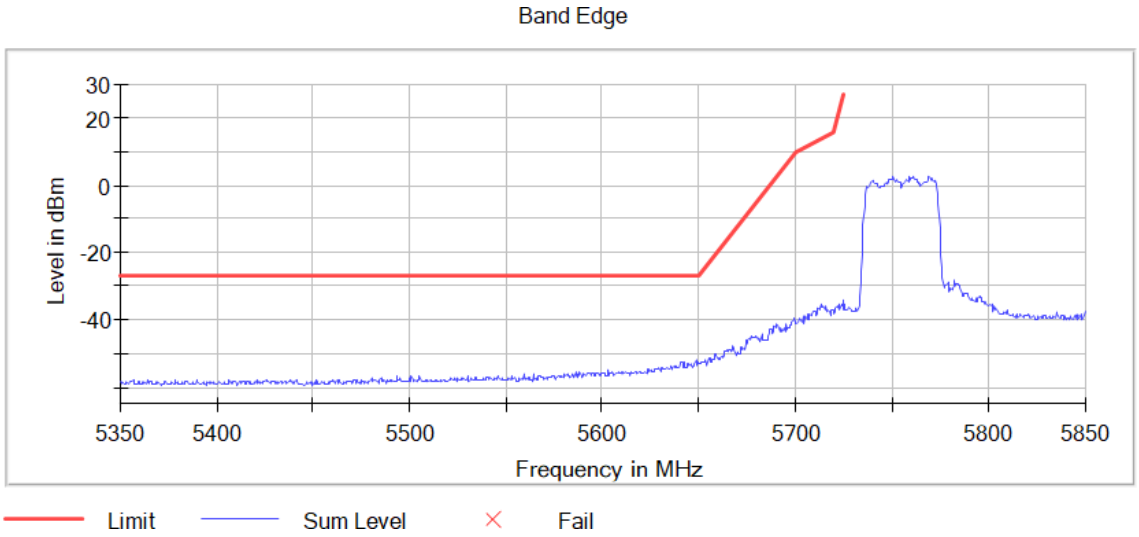
Active Port = 1, Frequency MHz = 5670.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



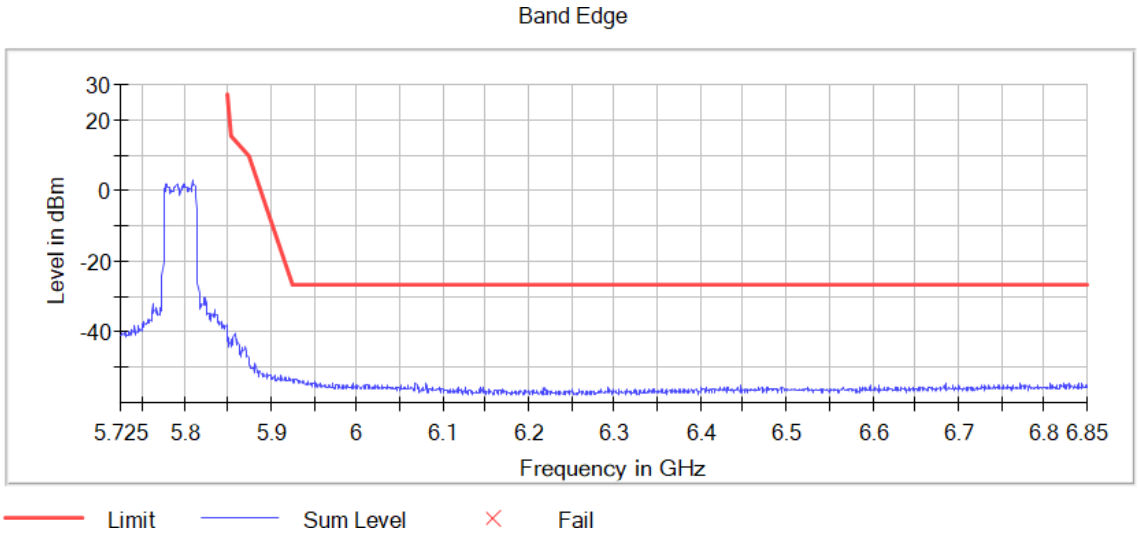
Active Port = 1, Frequency MHz = 5755.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



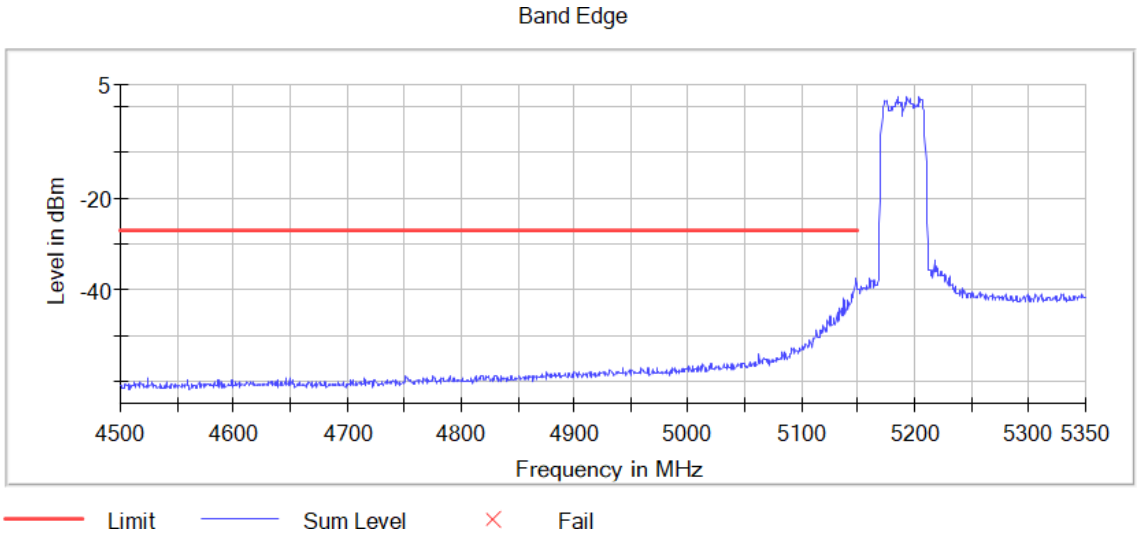
Active Port = 1, Frequency MHz = 5795.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



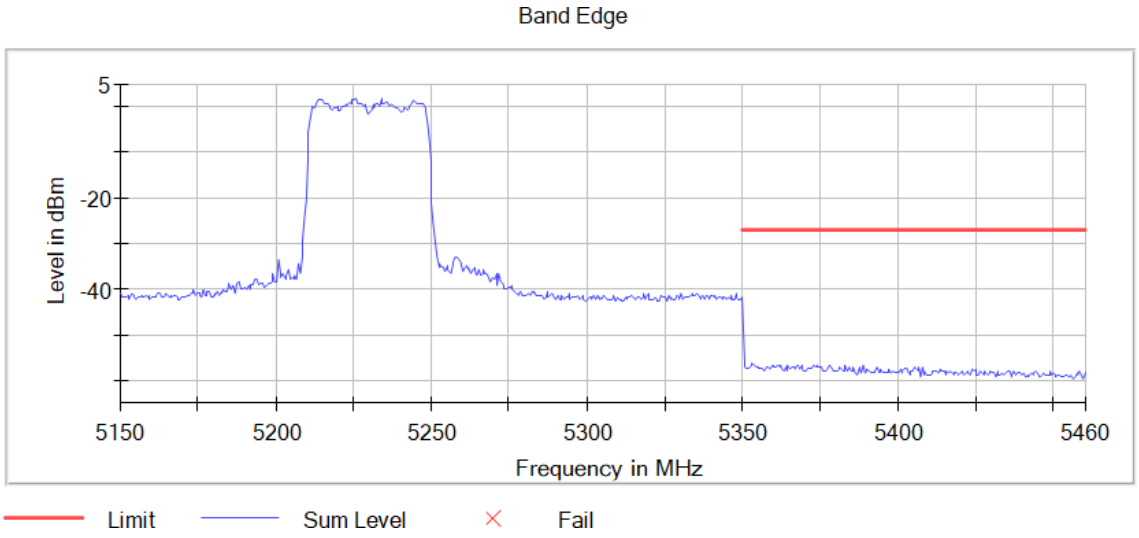
Active Port = 2, Frequency MHz = 5190.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



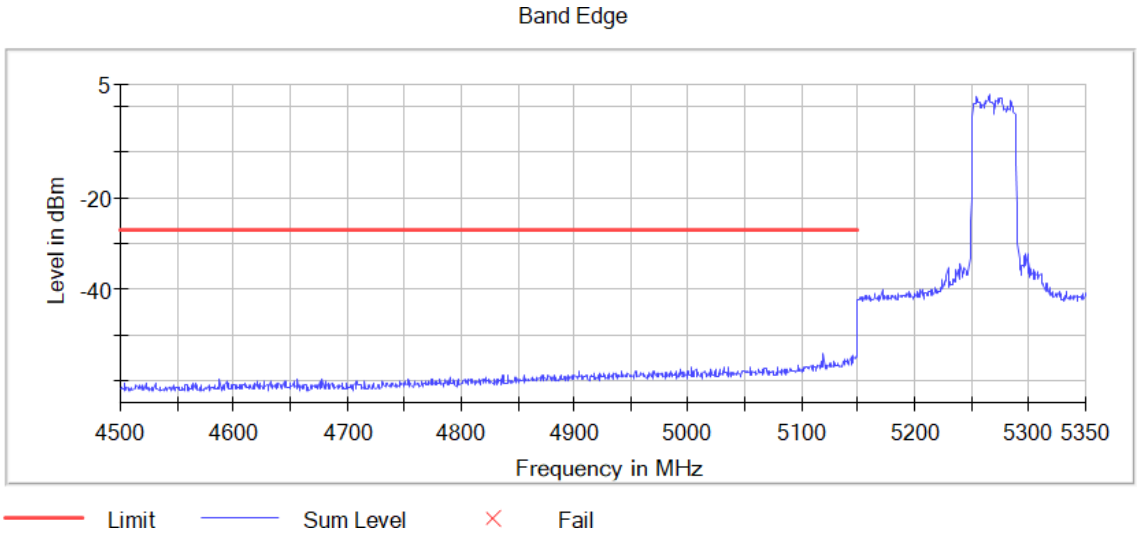
Active Port = 2, Frequency MHz = 5230.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



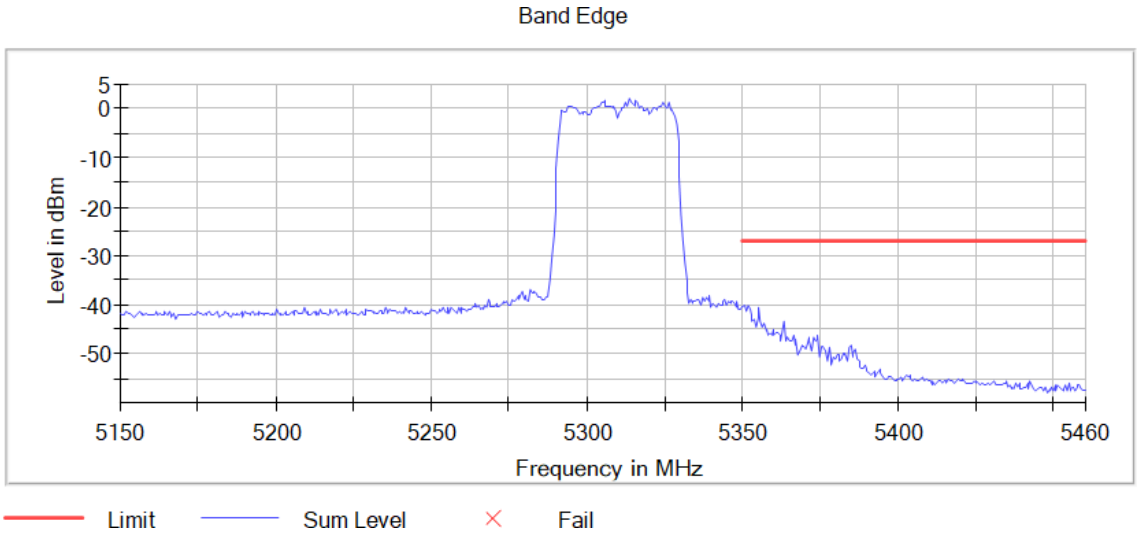
Active Port = 2, Frequency MHz = 5270.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



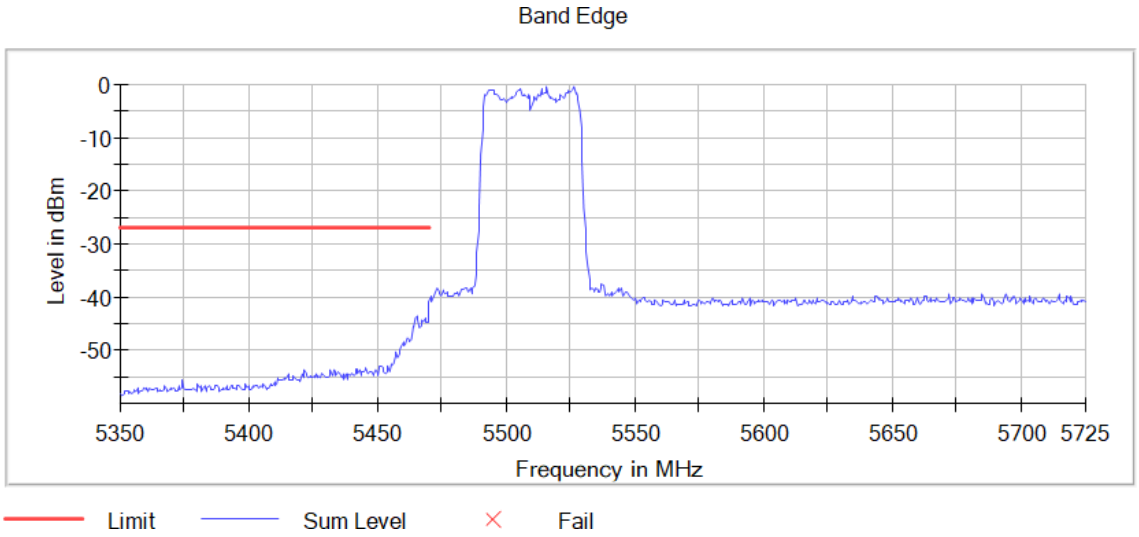
Active Port = 2, Frequency MHz = 5310.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



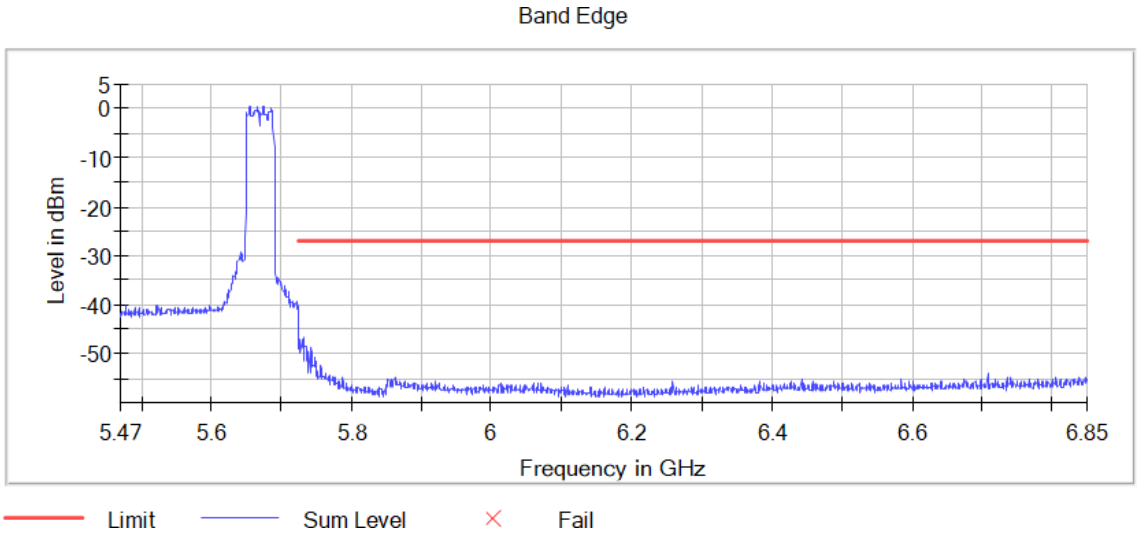
Active Port = 2, Frequency MHz = 5510.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



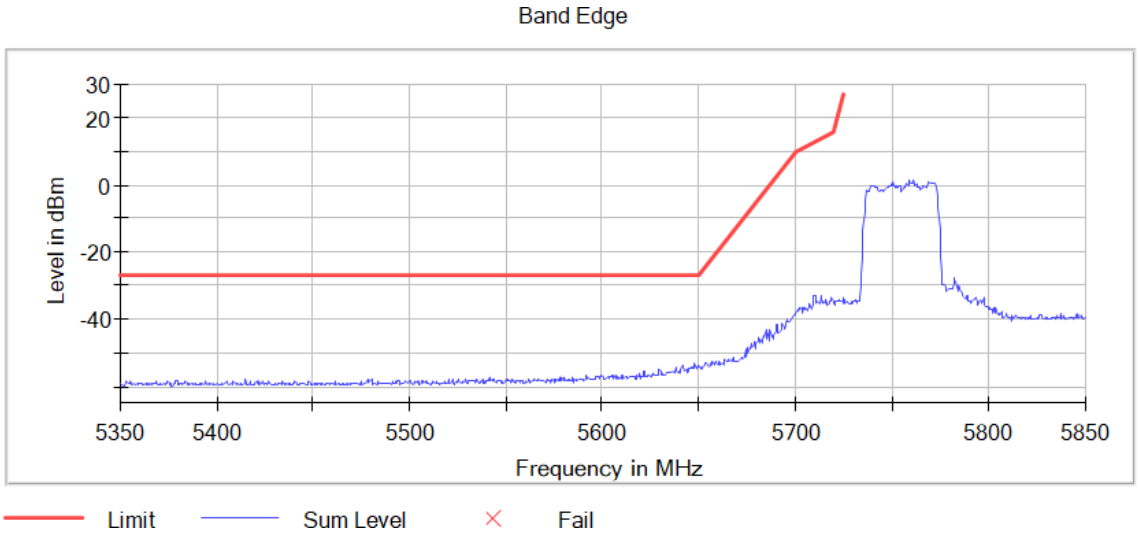
Active Port = 2, Frequency MHz = 5670.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



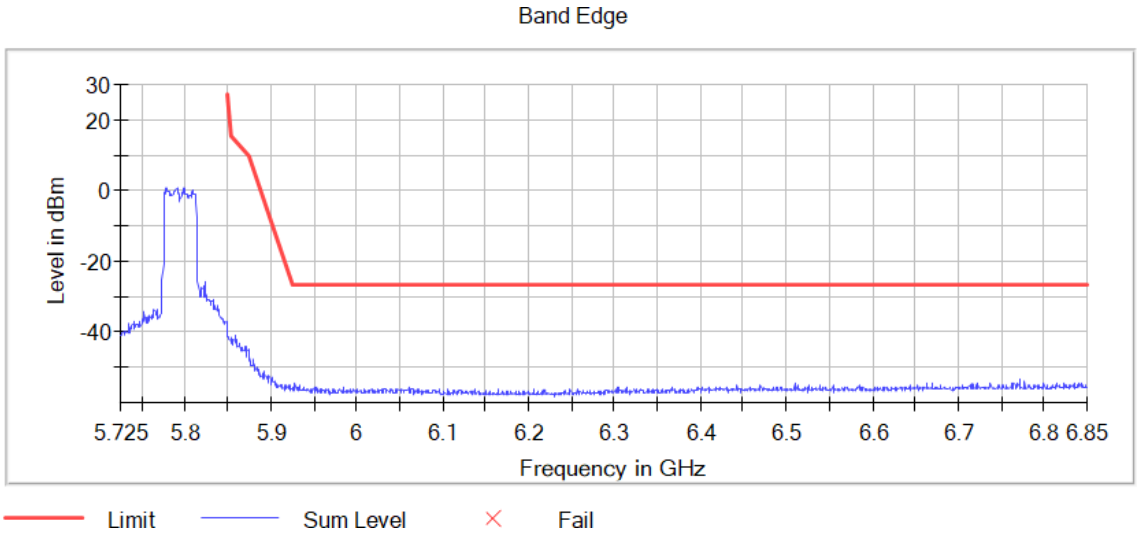
Active Port = 2, Frequency MHz = 5755.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



Active Port = 2, Frequency MHz = 5795.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Measurement Point = 1

Images:



Mode: SISO

Modulation: 802.11ax HE80 SS1 (OFDMA MCS11)

Results

Port	Freq (MHz)	Lvl (dBm)
1	5210.00000	-34.1
1	5210.00000	-34.4
1	5210.00000	-34.7
1	5210.00000	-34.8
1	5210.00000	-34.9
1	5210.00000	-35.0
1	5210.00000	-35.2
1	5210.00000	-35.5
1	5210.00000	-35.6
1	5210.00000	-35.7
1	5210.00000	-35.8
1	5210.00000	-35.8
1	5210.00000	-35.9

Port	Freq (MHz)	Lvl (dBm)
1	5210.00000	-36.0
1	5210.00000	-36.1
1	5290.00000	-31.5
1	5290.00000	-31.9
1	5290.00000	-32.4
1	5290.00000	-32.5
1	5290.00000	-32.9
1	5290.00000	-33.0
1	5290.00000	-33.1
1	5290.00000	-33.1
1	5290.00000	-33.1
1	5290.00000	-33.2
1	5290.00000	-33.2
1	5290.00000	-33.3
1	5290.00000	-33.3
1	5290.00000	-33.3
1	5290.00000	-33.4
1	5530.00000	-27.4
1	5530.00000	-27.6
1	5530.00000	-27.6
1	5530.00000	-27.8
1	5530.00000	-28.0
1	5530.00000	-28.0
1	5530.00000	-28.1
1	5530.00000	-28.1
1	5530.00000	-28.1
1	5530.00000	-28.1

Port	Freq (MHz)	Lvl (dBm)
1	5530.00000	-28.2
1	5530.00000	-28.3
1	5530.00000	-28.3
1	5530.00000	-28.5
1	5530.00000	-28.5
1	5610.00000	-35.3
1	5610.00000	-35.8
1	5610.00000	-35.9
1	5610.00000	-36.0
1	5610.00000	-36.4
1	5610.00000	-36.6
1	5610.00000	-36.6
1	5610.00000	-36.6
1	5610.00000	-36.9
1	5610.00000	-36.9
1	5610.00000	-37.0
1	5610.00000	-37.0
1	5610.00000	-37.0
1	5610.00000	-37.1
1	5610.00000	-37.2
1	5775.00000	-44.1
1	5775.00000	-44.9
1	5775.00000	-44.9
1	5775.00000	-45.3
1	5775.00000	-44.1
1	5775.00000	-45.4
1	5775.00000	-45.5

Port	Freq (MHz)	Lvl (dBm)
1	5775.00000	-45.5
1	5775.00000	-44.7
1	5775.00000	-45.6
1	5775.00000	-45.7
1	5775.00000	-45.7
1	5775.00000	-45.8
1	5775.00000	-45.9
1	5775.00000	-45.9
1	5775.00000	-45.7
1	5775.00000	-46.3
1	5775.00000	-46.5
1	5775.00000	-46.6
1	5775.00000	-47.2
1	5775.00000	-47.2
1	5775.00000	-47.3
1	5775.00000	-47.5
1	5775.00000	-47.5
1	5775.00000	-47.5
1	5775.00000	-47.6
1	5775.00000	-47.7
1	5775.00000	-47.7
1	5775.00000	-47.9
1	5775.00000	-47.9
2	5210.00000	-34.6
2	5210.00000	-34.8
2	5210.00000	-35.0
2	5210.00000	-35.1

Port	Freq (MHz)	Lvl (dBm)
2	5210.00000	-35.1
2	5210.00000	-35.2
2	5210.00000	-35.3
2	5210.00000	-35.4
2	5210.00000	-35.4
2	5210.00000	-35.5
2	5210.00000	-35.5
2	5210.00000	-35.7
2	5210.00000	-35.7
2	5210.00000	-35.8
2	5210.00000	-35.8
2	5290.00000	-37.3
2	5290.00000	-38.8
2	5290.00000	-38.8
2	5290.00000	-39.0
2	5290.00000	-39.2
2	5290.00000	-39.3
2	5290.00000	-39.3
2	5290.00000	-39.4
2	5290.00000	-39.5
2	5290.00000	-39.5
2	5290.00000	-39.6
2	5290.00000	-39.7
2	5290.00000	-39.7
2	5290.00000	-39.7
2	5290.00000	-39.7
2	5530.00000	-40.5

Port	Freq (MHz)	Lvl (dBm)
2	5530.00000	-40.6
2	5530.00000	-40.9
2	5530.00000	-41.2
2	5530.00000	-41.2
2	5530.00000	-41.3
2	5530.00000	-41.3
2	5530.00000	-41.4
2	5530.00000	-41.4
2	5530.00000	-41.4
2	5530.00000	-41.5
2	5530.00000	-41.5
2	5530.00000	-41.6
2	5530.00000	-41.6
2	5530.00000	-41.7
2	5610.00000	-52.0
2	5610.00000	-52.2
2	5610.00000	-52.5
2	5610.00000	-52.7
2	5610.00000	-52.9
2	5610.00000	-53.1
2	5610.00000	-53.1
2	5610.00000	-53.1
2	5610.00000	-53.1
2	5610.00000	-53.2
2	5610.00000	-53.3
2	5610.00000	-53.7
2	5610.00000	-53.8

Port	Freq (MHz)	Lvl (dBm)
2	5610.00000	-53.8
2	5610.00000	-53.9
2	5775.00000	-39.9
2	5775.00000	-41.1
2	5775.00000	-41.0
2	5775.00000	-41.2
2	5775.00000	-41.2
2	5775.00000	-41.4
2	5775.00000	-41.6
2	5775.00000	-41.1
2	5775.00000	-41.8
2	5775.00000	-41.9
2	5775.00000	-42.1
2	5775.00000	-42.5
2	5775.00000	-42.5
2	5775.00000	-42.7
2	5775.00000	-41.4
2	5775.00000	-50.3
2	5775.00000	-50.4
2	5775.00000	-50.5
2	5775.00000	-50.6
2	5775.00000	-51.2
2	5775.00000	-51.2
2	5775.00000	-51.2
2	5775.00000	-51.3
2	5775.00000	-51.4
2	5775.00000	-51.5

Port	Freq (MHz)	Lvl (dBm)
2	5775.00000	-51.5
2	5775.00000	-51.7
2	5775.00000	-51.7
2	5775.00000	-51.2
2	5775.00000	-51.8

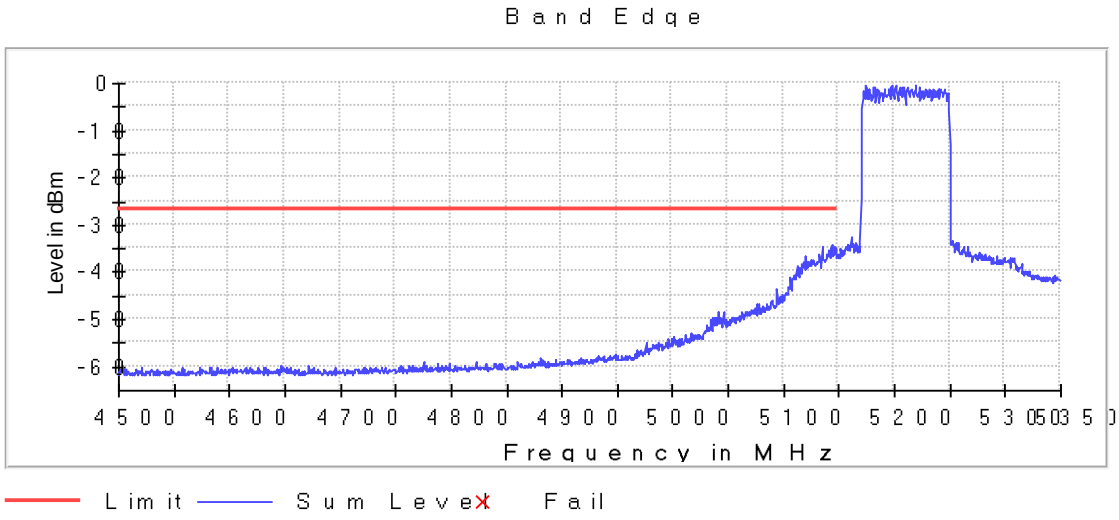
Verdict

Pass

Attachments

Active Port = 1, Frequency MHz = 5210.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

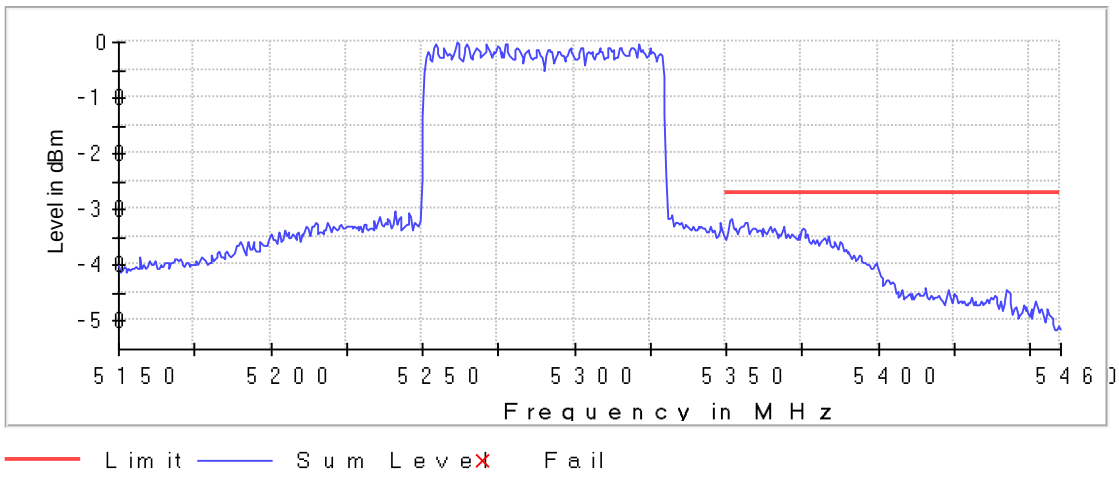
Images:



Active Port = 1, Frequency MHz = 5290.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

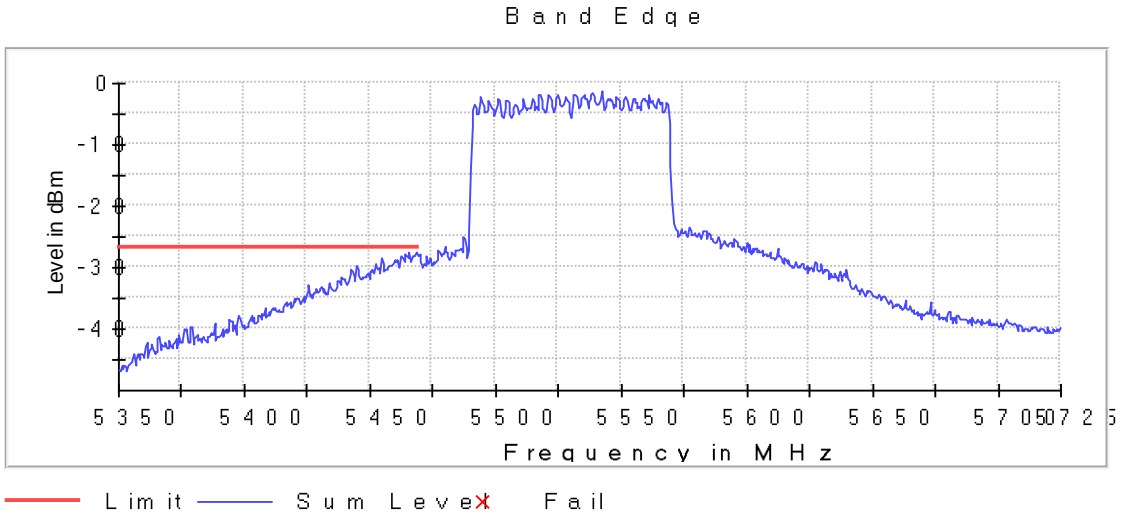
Images:

Band Edge


0
-1
-2
-3
-4
-5
Level in dBm
5150
5200
5250
5300
5350
5400
5460
Frequency in MHz
Limit
Sum Level
Fail

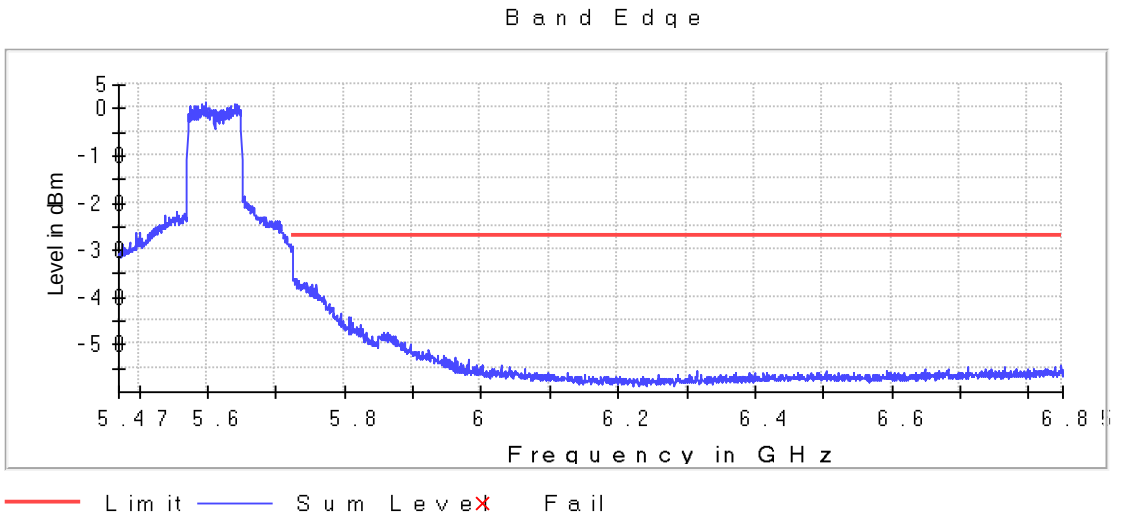
Active Port = 1, Frequency MHz = 5530.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



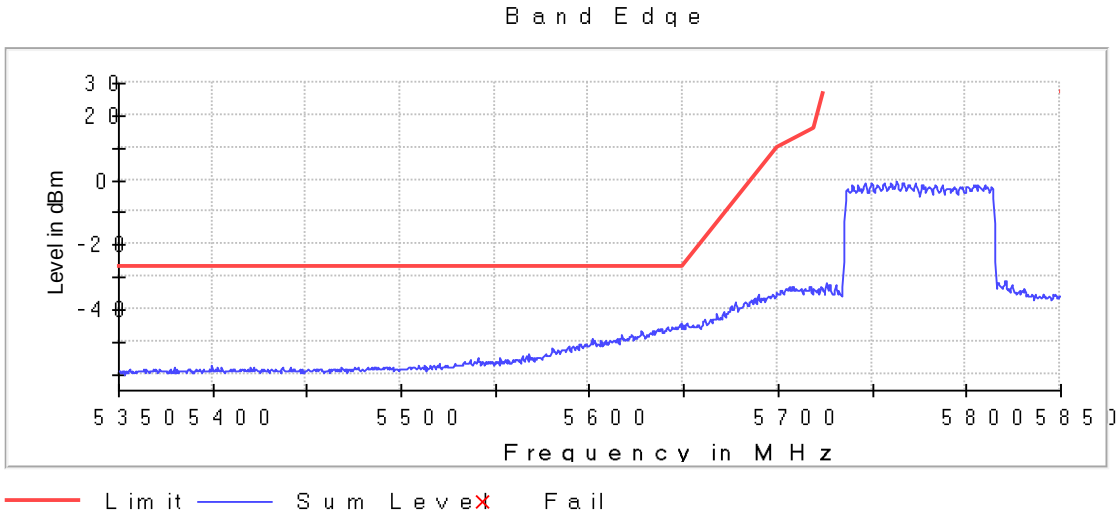
Active Port = 1, Frequency MHz = 5610.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



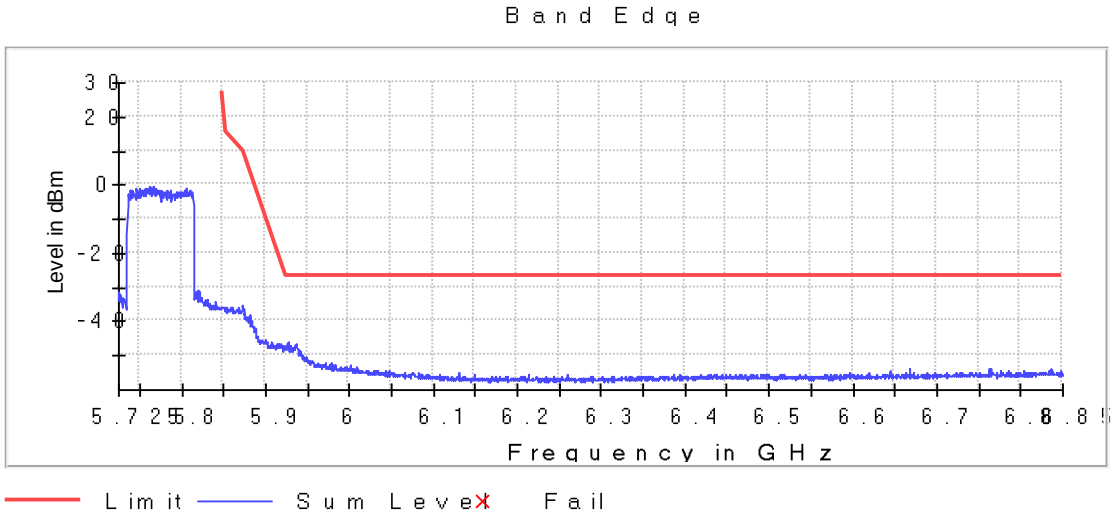
Active Port = 1, Frequency MHz = 5775.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



Active Port = 1, Frequency MHz = 5775.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

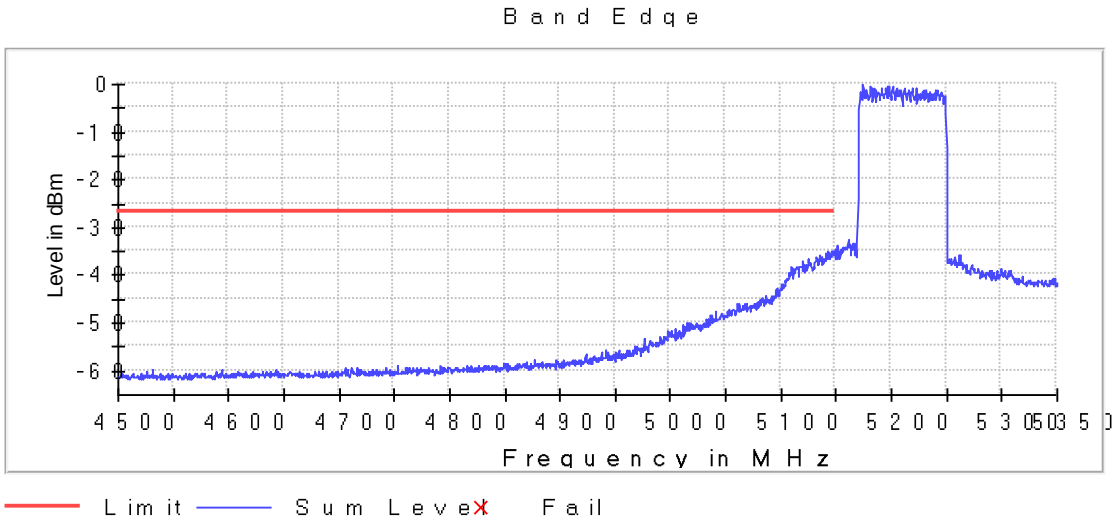
Images:



Attachments

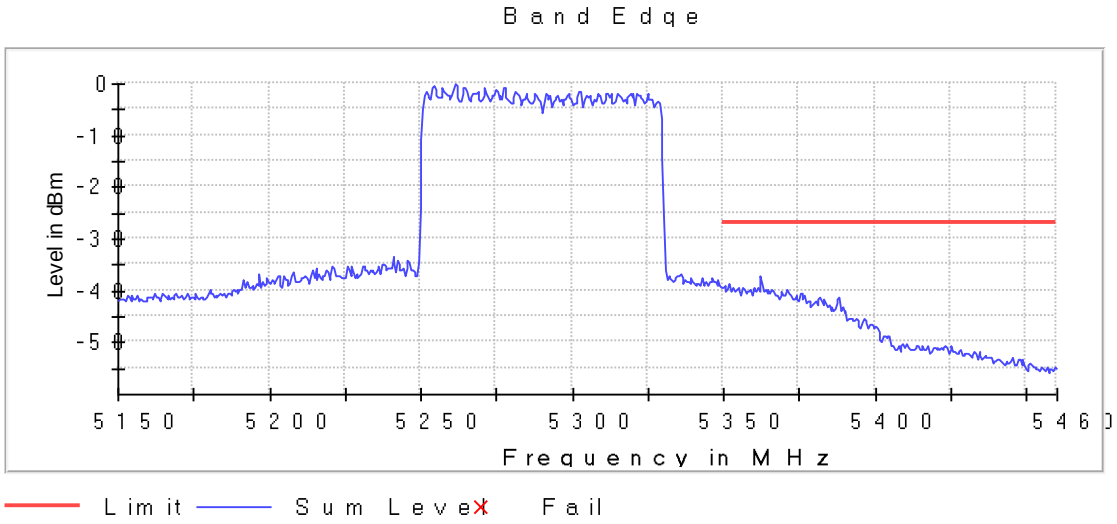
Active Port = 2, Frequency MHz = 5210.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



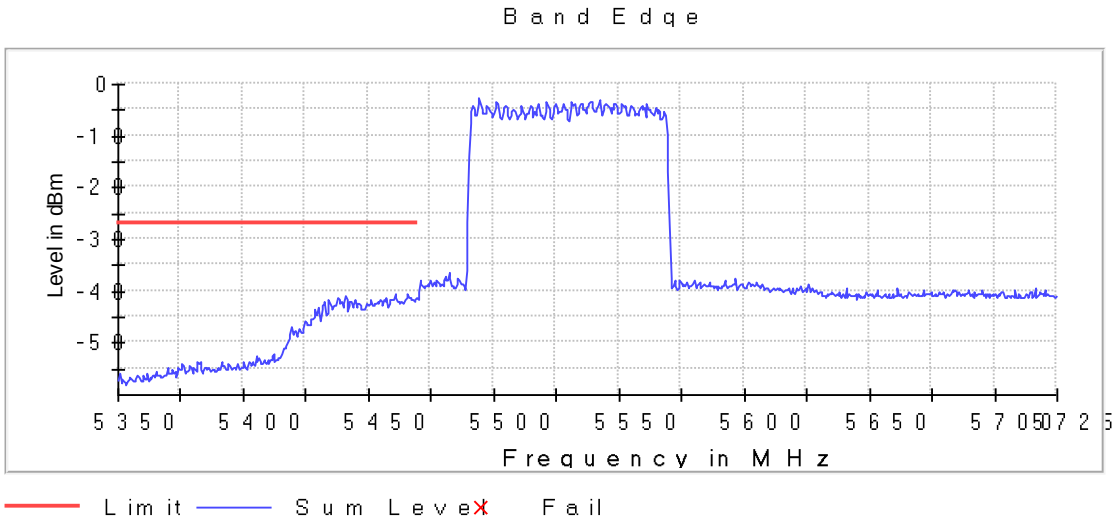
Active Port = 2, Frequency MHz = 5290.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



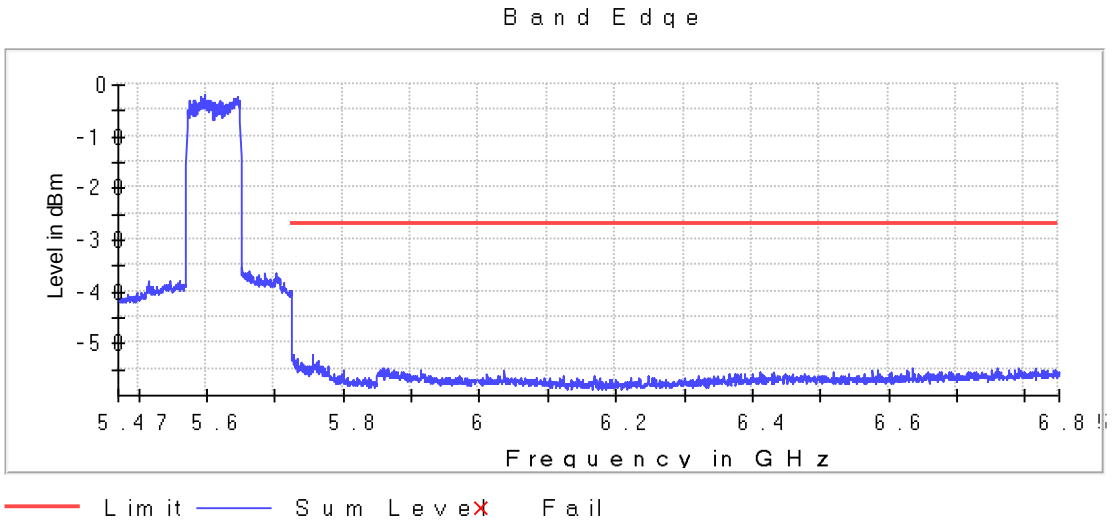
Active Port = 2, Frequency MHz = 5530.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



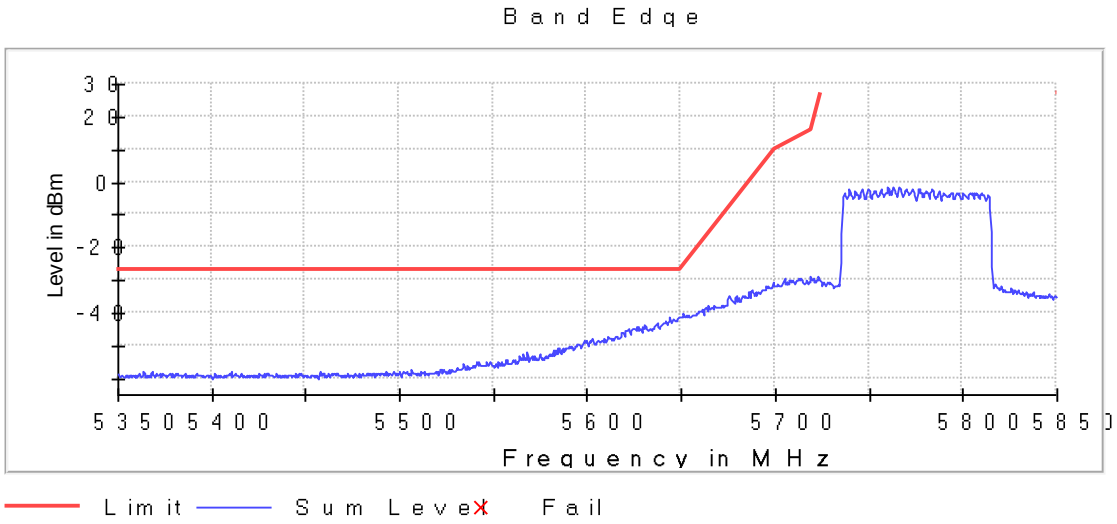
Active Port = 2, Frequency MHz = 5610.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



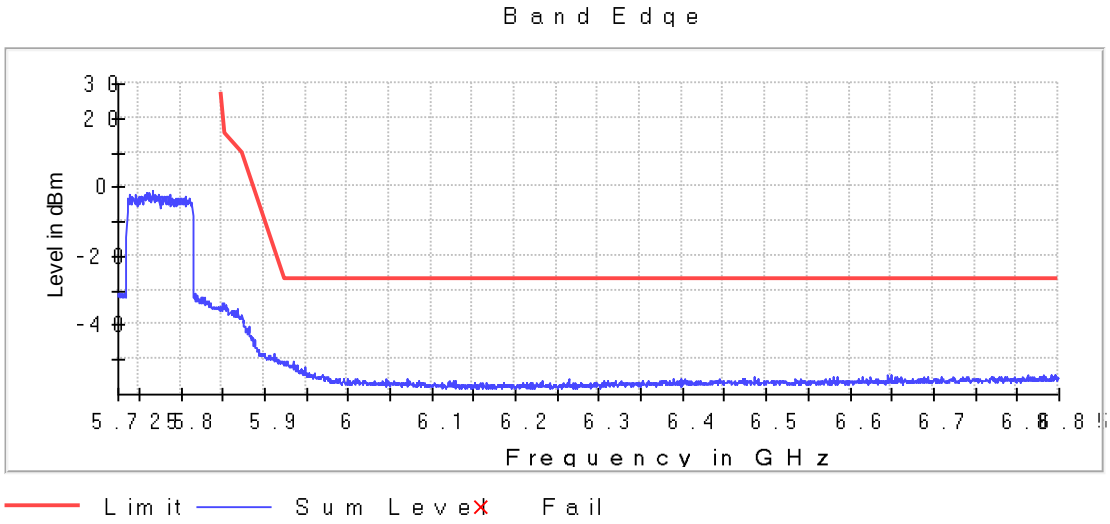
Active Port = 2, Frequency MHz = 5775.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



Active Port = 2, Frequency MHz = 5775.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = SISO, Measurement Point = 1

Images:



Mode: MIMO CCD Mode 2x2

Modulation: 802.11ax HE20 SS1 (OFDMA MCS8)

Results

Port	Freq (MHz)	Lvl (dBm)
1+2	5180.00000	-41.5
1+2	5180.00000	-41.6
1+2	5180.00000	-42.1
1+2	5180.00000	-42.4
1+2	5180.00000	-42.5
1+2	5180.00000	-42.9
1+2	5180.00000	-43.7
1+2	5180.00000	-43.9
1+2	5180.00000	-44.0
1+2	5240.00000	-54.7
1+2	5240.00000	-54.8
1+2	5240.00000	-54.8
1+2	5240.00000	-54.8
1+2	5240.00000	-54.8
1+2	5240.00000	-54.9
1+2	5240.00000	-54.9
1+2	5240.00000	-55.0
1+2	5240.00000	-55.0
1+2	5260.00000	-53.1
1+2	5260.00000	-53.2
1+2	5260.00000	-54.7
1+2	5260.00000	-54.7
1+2	5260.00000	-54.8
1+2	5260.00000	-55.0

Port	Freq (MHz)	Lvl (dBm)
1+2	5260.00000	-55.0
1+2	5260.00000	-55.0
1+2	5260.00000	-55.0
1+2	5320.00000	-35.8
1+2	5320.00000	-36.7
1+2	5320.00000	-37.2
1+2	5320.00000	-37.5
1+2	5320.00000	-37.5
1+2	5320.00000	-38.3
1+2	5320.00000	-38.4
1+2	5320.00000	-38.5
1+2	5320.00000	-38.6
1+2	5500.00000	-32.5
1+2	5500.00000	-33.0
1+2	5500.00000	-34.1
1+2	5500.00000	-34.4
1+2	5500.00000	-34.4
1+2	5500.00000	-35.0
1+2	5500.00000	-35.0
1+2	5500.00000	-35.2
1+2	5500.00000	-35.5
1+2	5700.00000	-32.7
1+2	5700.00000	-32.7
1+2	5700.00000	-33.1
1+2	5700.00000	-33.2
1+2	5700.00000	-34.5
1+2	5700.00000	-35.6

Port	Freq (MHz)	Lvl (dBm)
1+2	5700.00000	-35.7
1+2	5700.00000	-35.9
1+2	5700.00000	-36.2
1+2	5745.00000	-53.6
1+2	5745.00000	-53.7
1+2	5745.00000	-54.0
1+2	5745.00000	-54.0
1+2	5745.00000	-54.1
1+2	5745.00000	-54.1
1+2	5745.00000	-54.2
1+2	5745.00000	-54.3
1+2	5745.00000	-54.3
1+2	5825.00000	-52.4
1+2	5825.00000	-52.4
1+2	5825.00000	-52.5
1+2	5825.00000	-52.5
1+2	5825.00000	-52.6
1+2	5825.00000	-52.6
1+2	5825.00000	-52.6
1+2	5825.00000	-52.6
1+2	5825.00000	-52.6
1+2	5180.00000	-44.3
1+2	5180.00000	-44.3
1+2	5180.00000	-44.4
1+2	5180.00000	-44.9
1+2	5180.00000	-45.0
1+2	5180.00000	-45.0

Port	Freq (MHz)	Lvl (dBm)
1+2	5240.00000	-55.1
1+2	5240.00000	-55.1
1+2	5240.00000	-55.1
1+2	5240.00000	-55.1
1+2	5240.00000	-55.1
1+2	5240.00000	-55.1
1+2	5260.00000	-55.0
1+2	5260.00000	-55.0
1+2	5260.00000	-55.0
1+2	5260.00000	-55.1
1+2	5260.00000	-55.1
1+2	5260.00000	-55.1
1+2	5320.00000	-38.6
1+2	5320.00000	-39.3
1+2	5320.00000	-39.7
1+2	5320.00000	-39.8
1+2	5320.00000	-40.2
1+2	5320.00000	-40.7
1+2	5500.00000	-35.6
1+2	5500.00000	-35.8
1+2	5500.00000	-36.4
1+2	5500.00000	-36.6
1+2	5500.00000	-36.6
1+2	5500.00000	-36.7
1+2	5700.00000	-36.7
1+2	5700.00000	-36.9
1+2	5700.00000	-36.9

Port	Freq (MHz)	Lvl (dBm)
1+2	5700.00000	-37.1
1+2	5700.00000	-37.2
1+2	5700.00000	-37.2
1+2	5745.00000	-54.3
1+2	5745.00000	-54.4
1+2	5745.00000	-54.6
1+2	5745.00000	-54.5
1+2	5745.00000	-54.7
1+2	5745.00000	-54.7
1+2	5825.00000	-52.6
1+2	5825.00000	-52.6
1+2	5825.00000	-52.7
1+2	5825.00000	-52.7
1+2	5825.00000	-52.7
1+2	5825.00000	-52.7

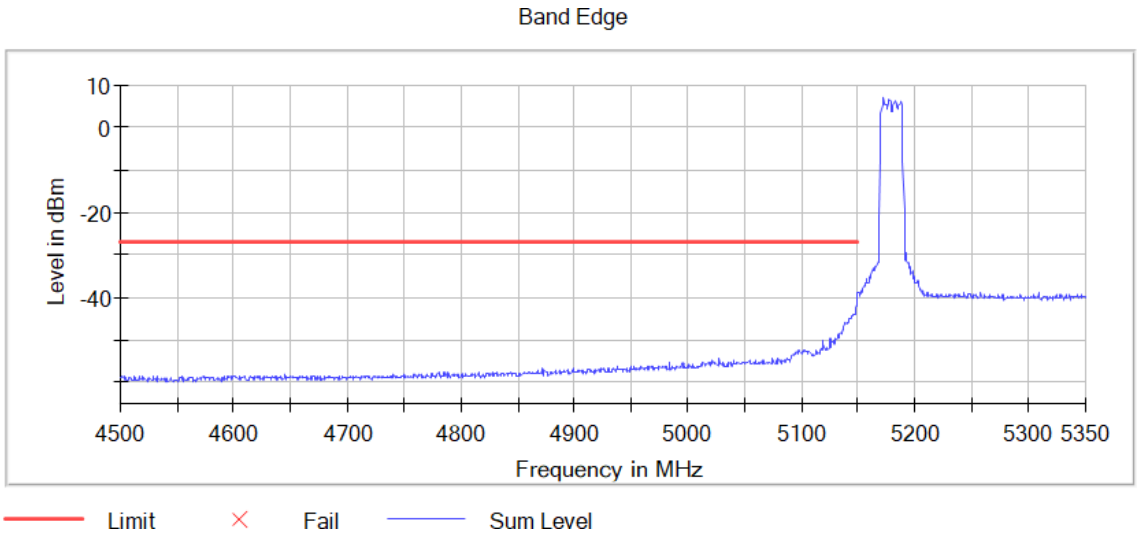
Verdict

Pass

Attachments

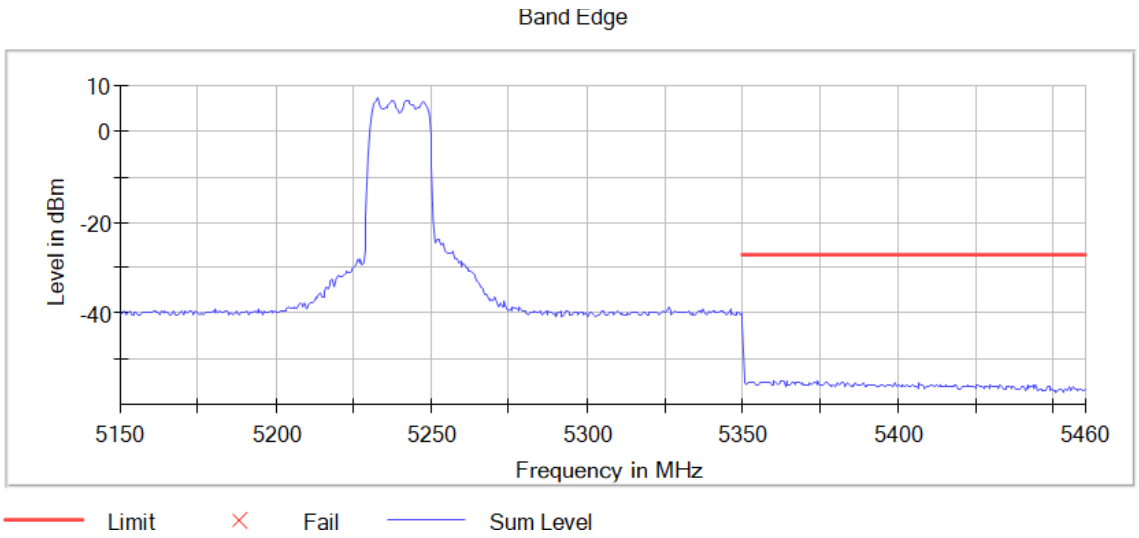
Active Port = 1+2, Frequency MHz = 5180.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



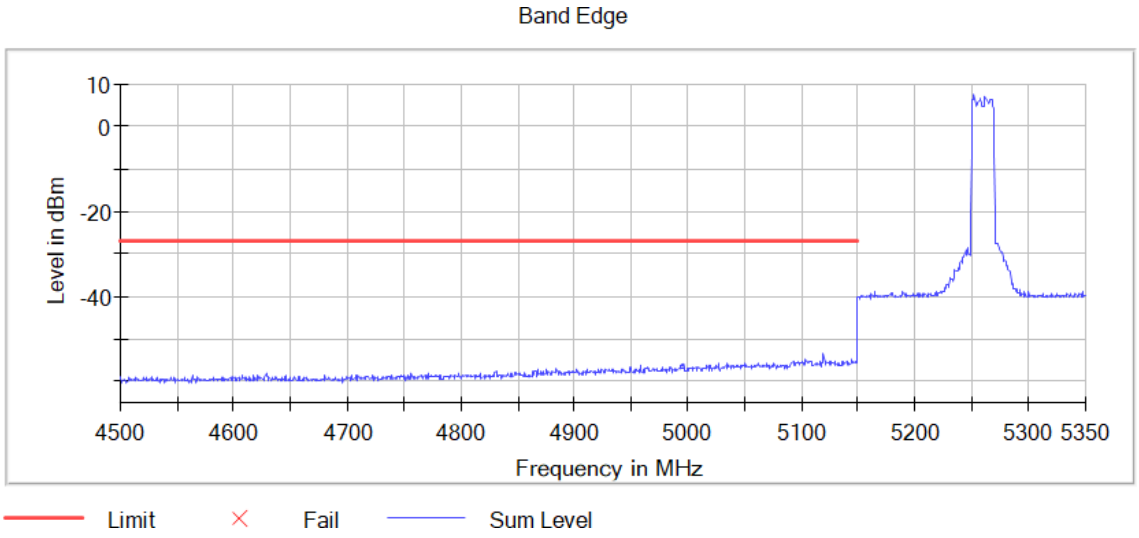
Active Port = 1+2, Frequency MHz = 5240.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



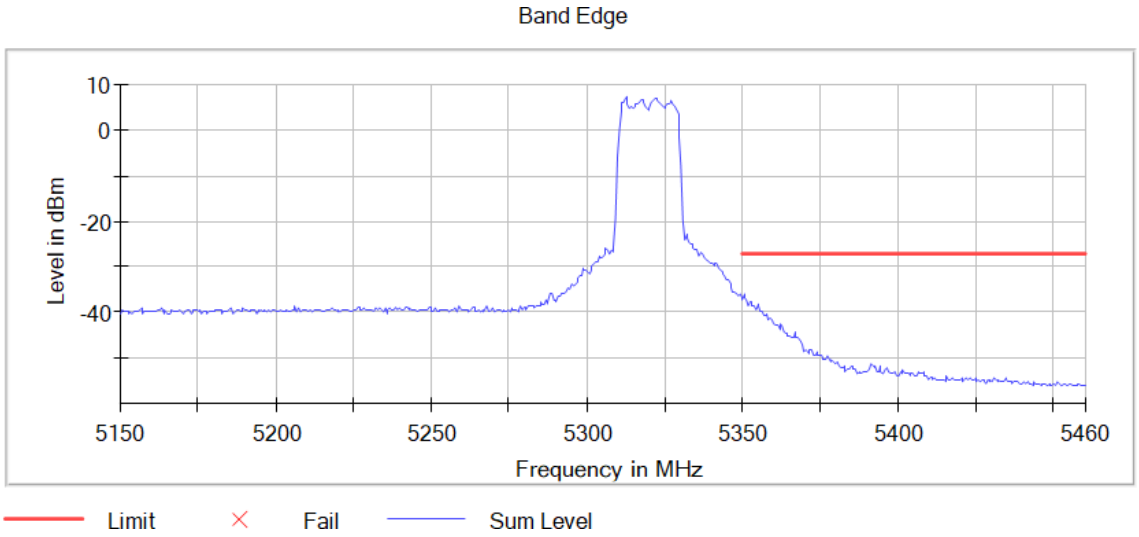
Active Port = 1+2, Frequency MHz = 5260.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



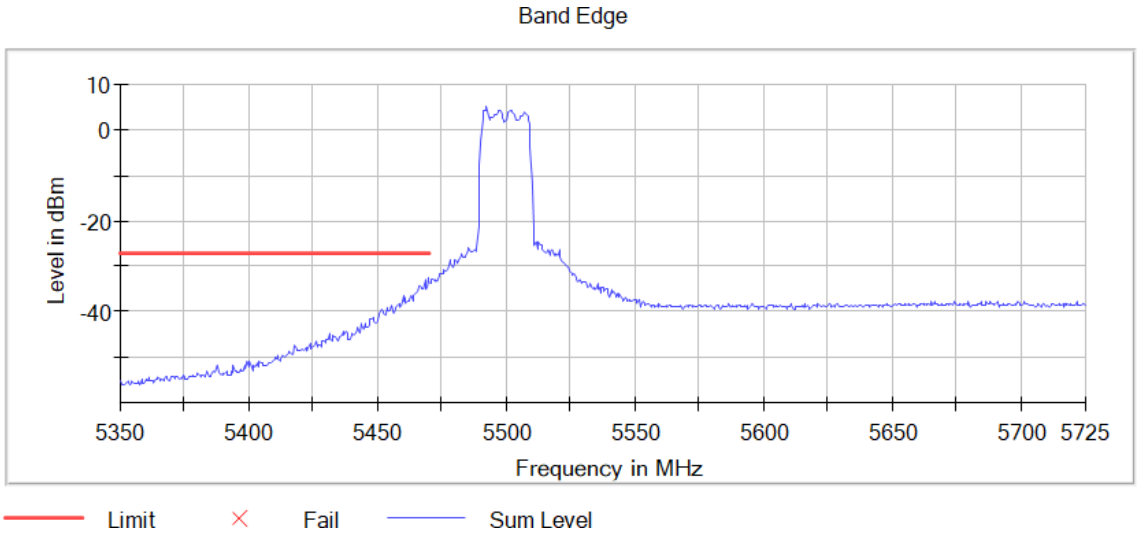
Active Port = 1+2, Frequency MHz = 5320.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



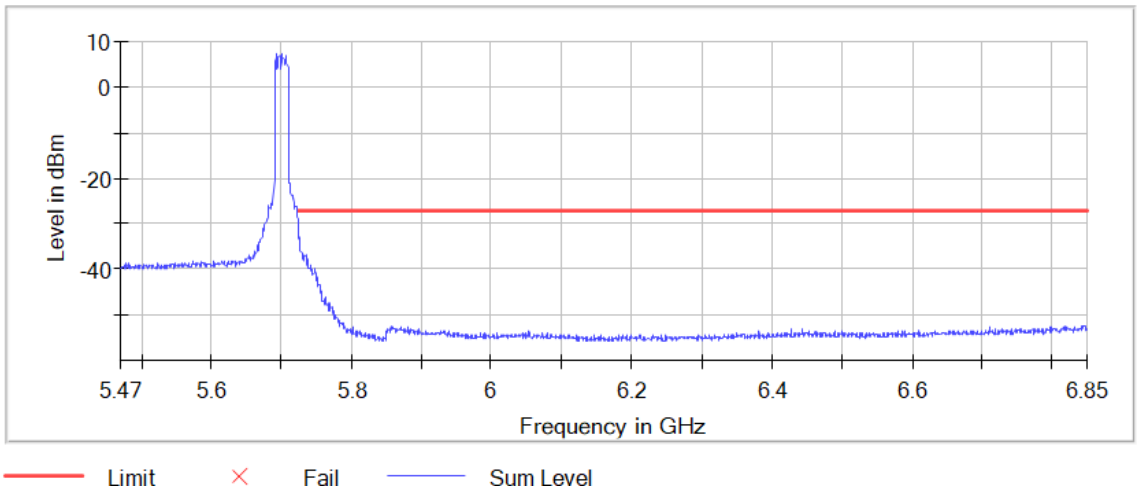
Active Port = 1+2, Frequency MHz = 5500.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



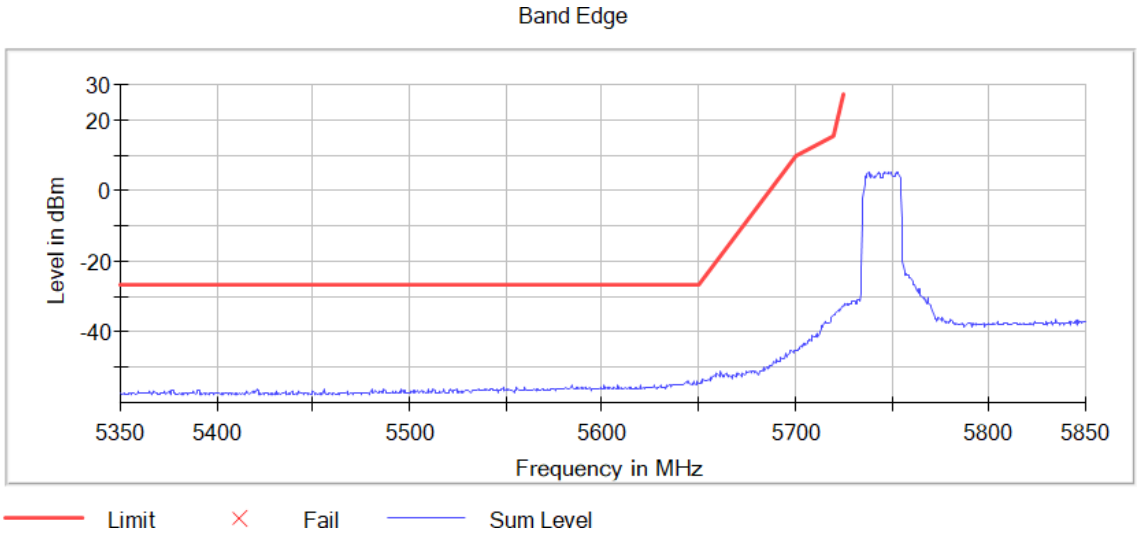
Active Port = 1+2, Frequency MHz = 5700.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



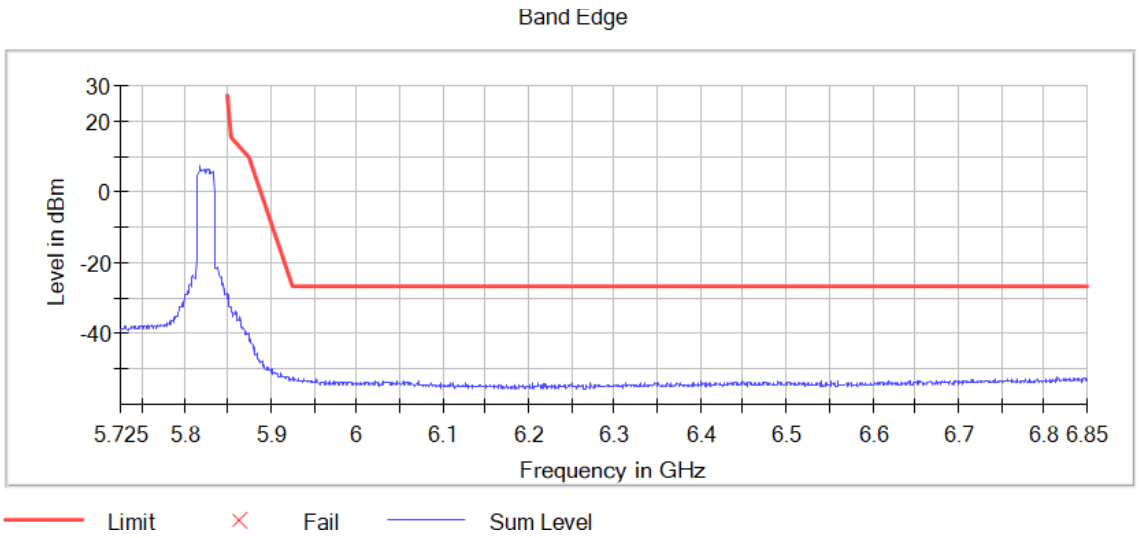
Active Port = 1+2, Frequency MHz = 5745.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



Active Port = 1+2, Frequency MHz = 5825.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



Mode: MIMO CCD Mode 2x2

Modulation: 802.11ax HE40 SS1 (OFDMA MCS9)

Results

Port	Freq (MHz)	Lvl (dBm)
1+2	5190.00000	-36.3
1+2	5190.00000	-37.4
1+2	5190.00000	-37.6
1+2	5190.00000	-37.7
1+2	5190.00000	-38.2
1+2	5190.00000	-38.2
1+2	5190.00000	-38.3
1+2	5190.00000	-38.3
1+2	5190.00000	-38.3
1+2	5230.00000	-53.6
1+2	5230.00000	-53.9
1+2	5230.00000	-54.0
1+2	5230.00000	-54.0
1+2	5230.00000	-54.0
1+2	5230.00000	-54.1
1+2	5230.00000	-54.3
1+2	5230.00000	-54.4
1+2	5230.00000	-54.4
1+2	5270.00000	-51.8
1+2	5270.00000	-52.6
1+2	5270.00000	-52.7
1+2	5270.00000	-52.8
1+2	5270.00000	-53.1
1+2	5270.00000	-53.2

Port	Freq (MHz)	Lvl (dBm)
1+2	5270.00000	-53.4
1+2	5270.00000	-53.6
1+2	5270.00000	-53.6
1+2	5310.00000	-29.7
1+2	5310.00000	-30.6
1+2	5310.00000	-30.7
1+2	5310.00000	-31.0
1+2	5310.00000	-31.1
1+2	5310.00000	-31.2
1+2	5310.00000	-31.5
1+2	5310.00000	-31.7
1+2	5310.00000	-32.2
1+2	5510.00000	-29.3
1+2	5510.00000	-30.4
1+2	5510.00000	-30.4
1+2	5510.00000	-30.9
1+2	5510.00000	-31.1
1+2	5510.00000	-31.1
1+2	5510.00000	-31.2
1+2	5510.00000	-31.3
1+2	5510.00000	-31.7
1+2	5670.00000	-38.8
1+2	5670.00000	-38.9
1+2	5670.00000	-39.3
1+2	5670.00000	-39.3
1+2	5670.00000	-39.4
1+2	5670.00000	-39.8

Port	Freq (MHz)	Lvl (dBm)
1+2	5670.00000	-39.8
1+2	5670.00000	-39.8
1+2	5670.00000	-39.9
1+2	5755.00000	-51.8
1+2	5755.00000	-51.9
1+2	5755.00000	-51.9
1+2	5755.00000	-51.9
1+2	5755.00000	-51.9
1+2	5755.00000	-52.3
1+2	5755.00000	-52.3
1+2	5755.00000	-52.4
1+2	5755.00000	-52.4
1+2	5795.00000	-52.4
1+2	5795.00000	-52.5
1+2	5795.00000	-52.7
1+2	5795.00000	-52.8
1+2	5795.00000	-52.9
1+2	5795.00000	-52.9
1+2	5795.00000	-52.9
1+2	5795.00000	-52.9
1+2	5795.00000	-53.0
1+2	5190.00000	-38.4
1+2	5190.00000	-38.6
1+2	5190.00000	-39.3
1+2	5190.00000	-39.9
1+2	5190.00000	-40.9
1+2	5190.00000	-41.0

Port	Freq (MHz)	Lvl (dBm)
1+2	5230.00000	-54.4
1+2	5230.00000	-54.4
1+2	5230.00000	-54.4
1+2	5230.00000	-54.5
1+2	5230.00000	-54.5
1+2	5230.00000	-54.5
1+2	5270.00000	-53.7
1+2	5270.00000	-53.7
1+2	5270.00000	-53.8
1+2	5270.00000	-53.8
1+2	5270.00000	-53.9
1+2	5270.00000	-54.0
1+2	5310.00000	-32.4
1+2	5310.00000	-32.5
1+2	5310.00000	-32.7
1+2	5310.00000	-33.5
1+2	5310.00000	-33.5
1+2	5310.00000	-34.1
1+2	5510.00000	-31.7
1+2	5510.00000	-31.7
1+2	5510.00000	-31.8
1+2	5510.00000	-32.6
1+2	5510.00000	-32.8
1+2	5510.00000	-33.0
1+2	5670.00000	-39.9
1+2	5670.00000	-40.0
1+2	5670.00000	-40.1

Port	Freq (MHz)	Lvl (dBm)
1+2	5670.00000	-40.1
1+2	5670.00000	-40.2
1+2	5670.00000	-40.3
1+2	5755.00000	-52.4
1+2	5755.00000	-52.4
1+2	5755.00000	-52.4
1+2	5755.00000	-52.6
1+2	5755.00000	-52.8
1+2	5755.00000	-52.8
1+2	5795.00000	-53.0
1+2	5795.00000	-53.0
1+2	5795.00000	-53.0
1+2	5795.00000	-53.0
1+2	5795.00000	-53.0
1+2	5795.00000	-53.1

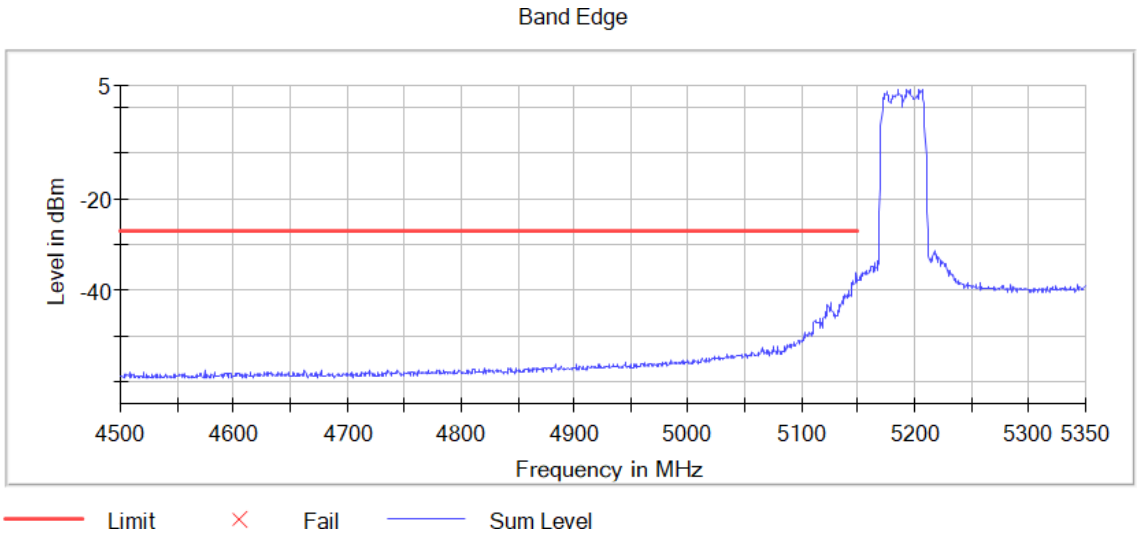
Verdict

Pass

Attachments

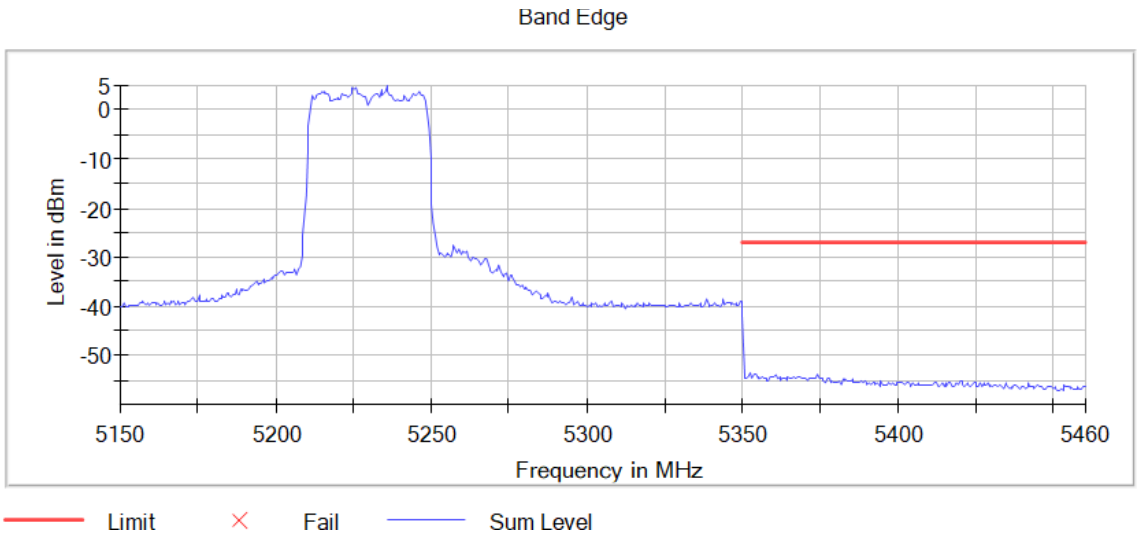
Active Port = 1+2, Frequency MHz = 5190.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



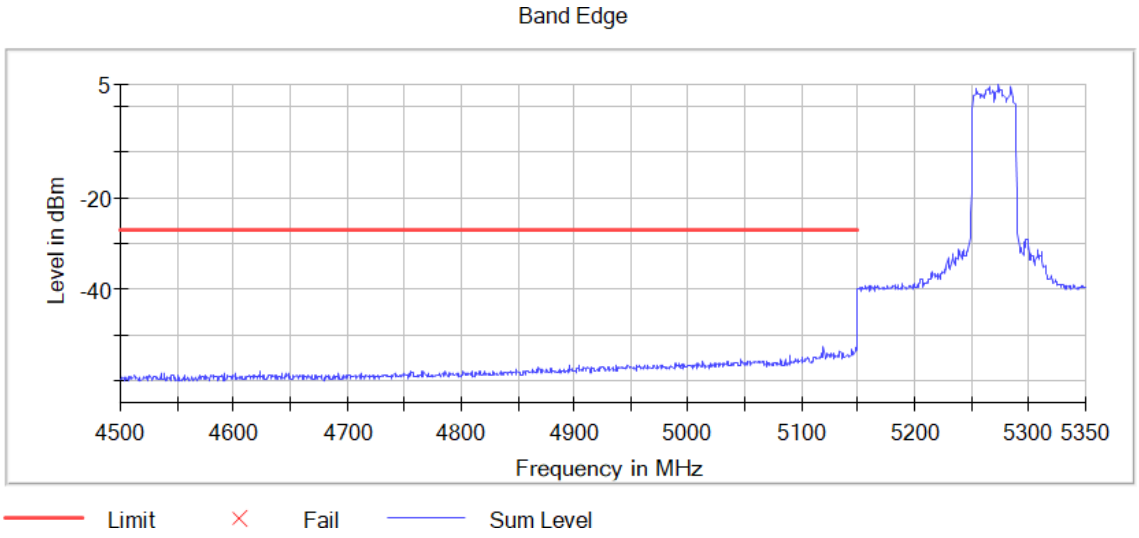
Active Port = 1+2, Frequency MHz = 5230.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



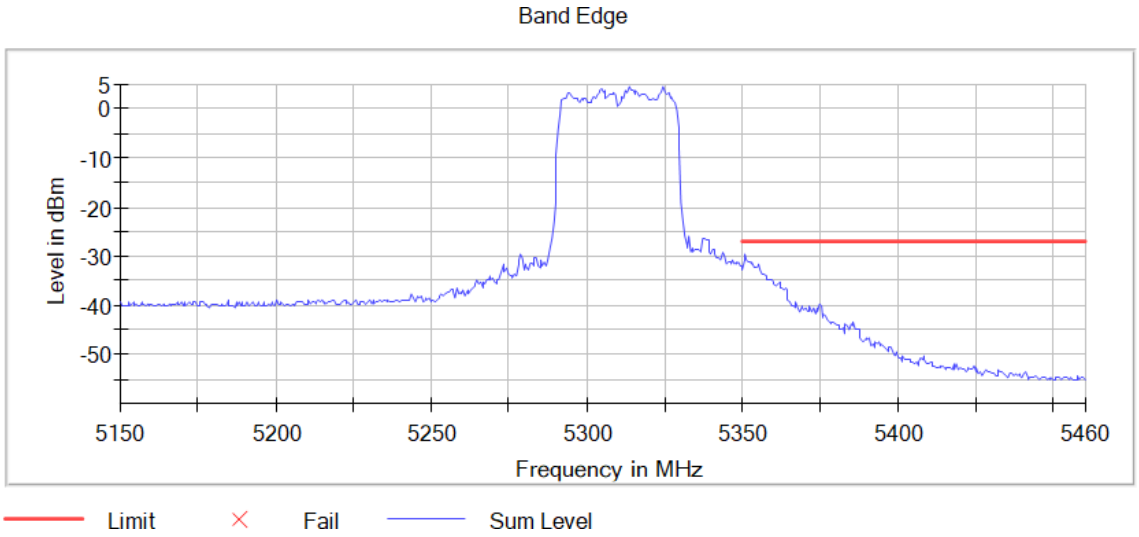
Active Port = 1+2, Frequency MHz = 5270.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



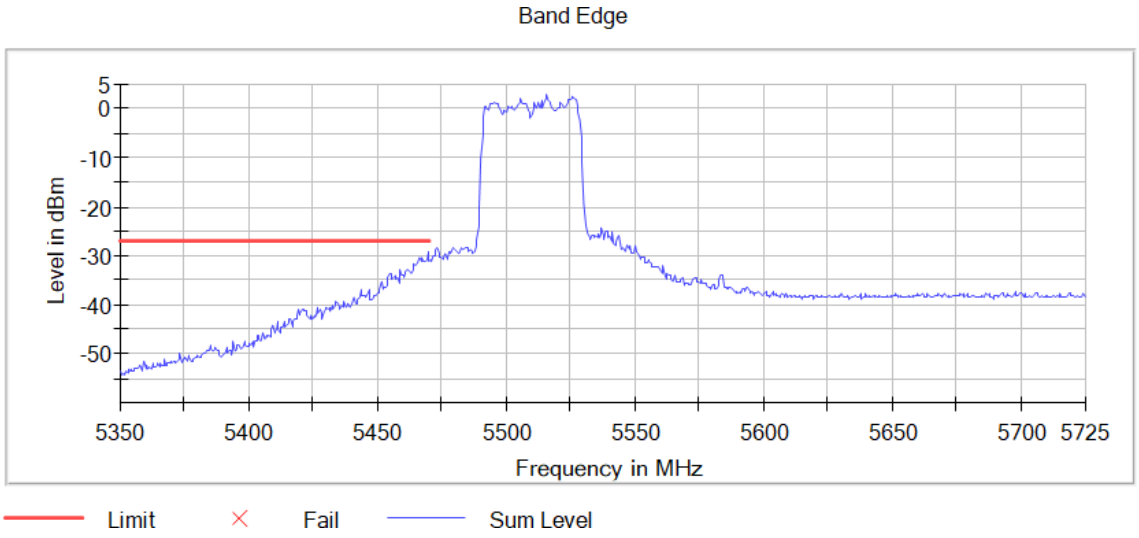
Active Port = 1+2, Frequency MHz = 5310.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



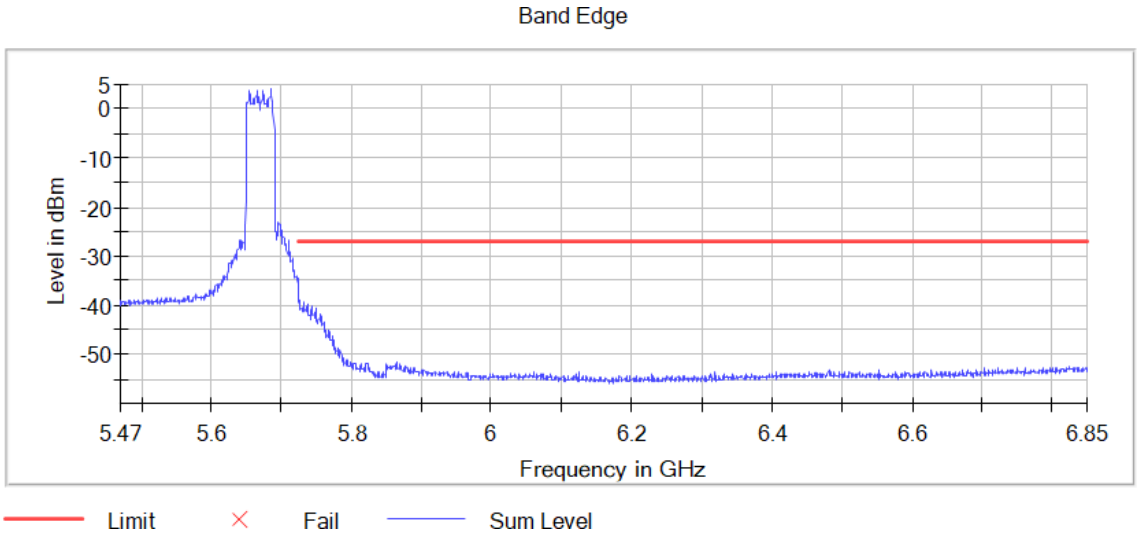
Active Port = 1+2, Frequency MHz = 5510.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



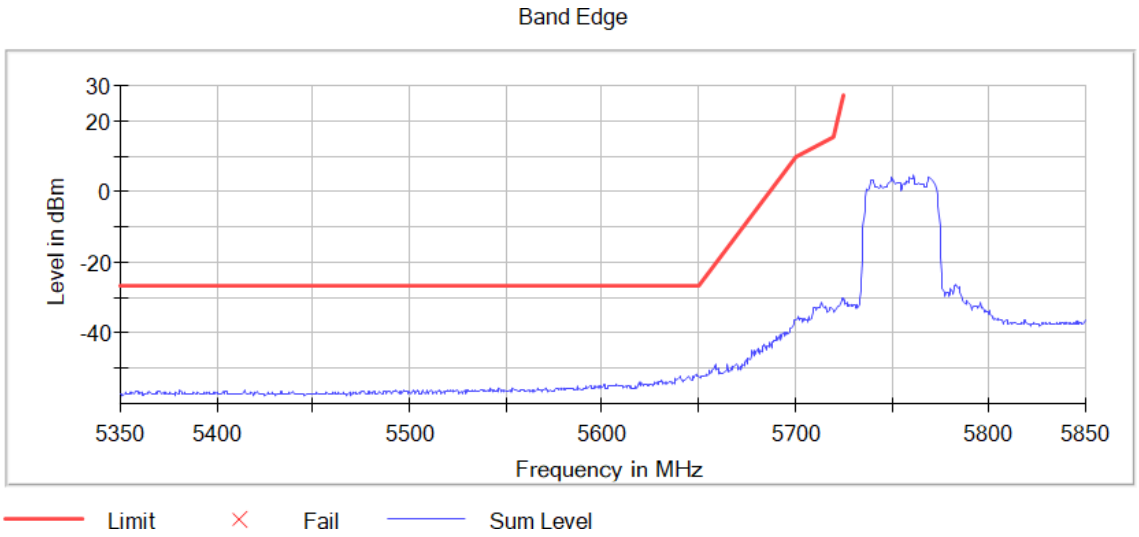
Active Port = 1+2, Frequency MHz = 5670.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



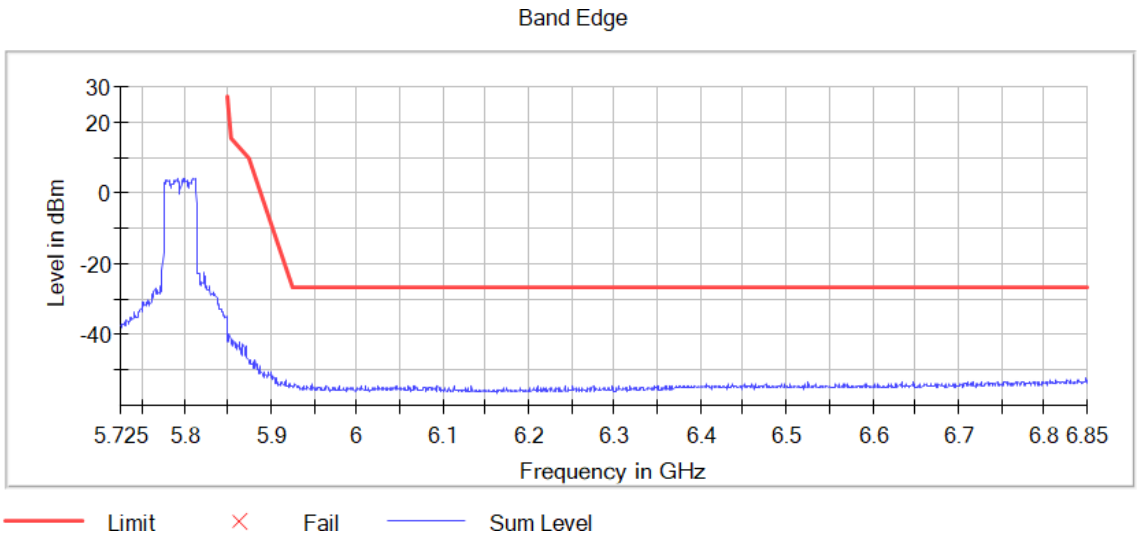
Active Port = 1+2, Frequency MHz = 5755.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



Active Port = 1+2, Frequency MHz = 5795.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



Mode: MIMO CCD Mode 2x2

Modulation: 802.11ax HE80 SS1 (OFDMA MCS11)

Results

Port	Freq (MHz)	Lvl (dBm)
1+2	5210.00000	-33.0
1+2	5210.00000	-33.2
1+2	5210.00000	-33.3
1+2	5210.00000	-33.4
1+2	5210.00000	-33.5
1+2	5210.00000	-33.6
1+2	5210.00000	-33.9
1+2	5210.00000	-33.9
1+2	5210.00000	-34.0
1+2	5290.00000	-32.2
1+2	5290.00000	-32.2
1+2	5290.00000	-33.0
1+2	5290.00000	-33.1
1+2	5290.00000	-33.1
1+2	5290.00000	-33.2
1+2	5290.00000	-33.2
1+2	5290.00000	-33.2
1+2	5290.00000	-33.3
1+2	5530.00000	-27.3
1+2	5530.00000	-27.5
1+2	5530.00000	-27.5
1+2	5530.00000	-27.6
1+2	5530.00000	-27.6
1+2	5530.00000	-27.9

Port	Freq (MHz)	Lvl (dBm)
1+2	5530.00000	-28.0
1+2	5530.00000	-28.1
1+2	5530.00000	-28.1
1+2	5610.00000	-35.9
1+2	5610.00000	-36.3
1+2	5610.00000	-36.4
1+2	5610.00000	-36.6
1+2	5610.00000	-36.9
1+2	5610.00000	-37.0
1+2	5610.00000	-37.1
1+2	5610.00000	-37.3
1+2	5610.00000	-37.3
1+2	5775.00000	-41.6
1+2	5775.00000	-46.3
1+2	5775.00000	-46.5
1+2	5775.00000	-41.0
1+2	5775.00000	-46.6
1+2	5775.00000	-42.1
1+2	5775.00000	-46.7
1+2	5775.00000	-42.4
1+2	5775.00000	-42.5
1+2	5775.00000	-46.9
1+2	5775.00000	-47.0
1+2	5775.00000	-42.5
1+2	5775.00000	-42.0
1+2	5775.00000	-47.3
1+2	5775.00000	-47.4

Port	Freq (MHz)	Lvl (dBm)
1+2	5775.00000	-42.6
1+2	5775.00000	-47.5
1+2	5775.00000	-41.8
1+2	5210.00000	-34.1
1+2	5210.00000	-34.1
1+2	5210.00000	-34.1
1+2	5210.00000	-34.2
1+2	5210.00000	-34.2
1+2	5210.00000	-34.3
1+2	5290.00000	-33.4
1+2	5290.00000	-33.4
1+2	5290.00000	-33.4
1+2	5290.00000	-33.5
1+2	5290.00000	-33.5
1+2	5290.00000	-33.5
1+2	5530.00000	-28.2
1+2	5530.00000	-28.3
1+2	5530.00000	-28.3
1+2	5530.00000	-28.3
1+2	5530.00000	-28.5
1+2	5530.00000	-28.5
1+2	5610.00000	-37.5
1+2	5610.00000	-37.5
1+2	5610.00000	-37.6
1+2	5610.00000	-37.9
1+2	5610.00000	-38.0
1+2	5610.00000	-38.0

Port	Freq (MHz)	Lvl (dBm)
1+2	5775.00000	-47.3
1+2	5775.00000	-42.7
1+2	5775.00000	-42.7
1+2	5775.00000	-47.6
1+2	5775.00000	-47.7
1+2	5775.00000	-42.8
1+2	5775.00000	-42.9
1+2	5775.00000	-47.7
1+2	5775.00000	-42.9
1+2	5775.00000	-47.2
1+2	5775.00000	-42.9
1+2	5775.00000	-46.4

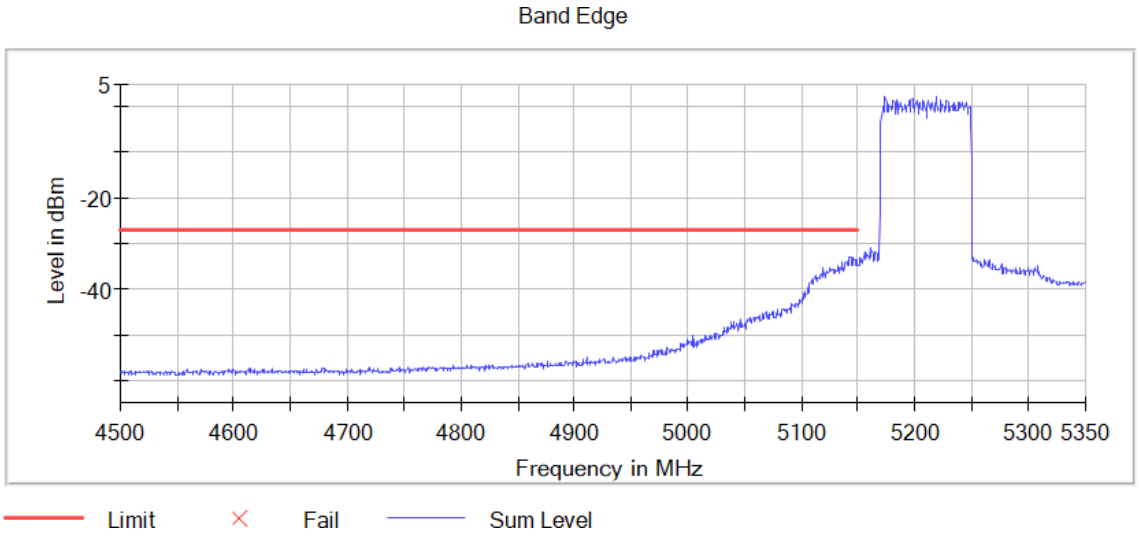
Verdict

Pass

Attachments

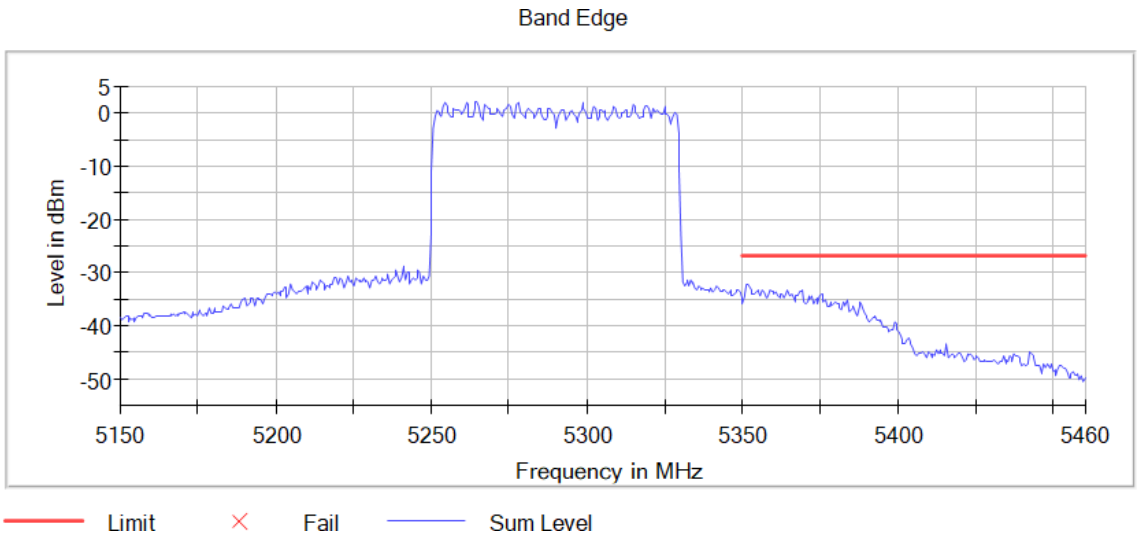
Active Port = 1+2, Frequency MHz = 5210.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



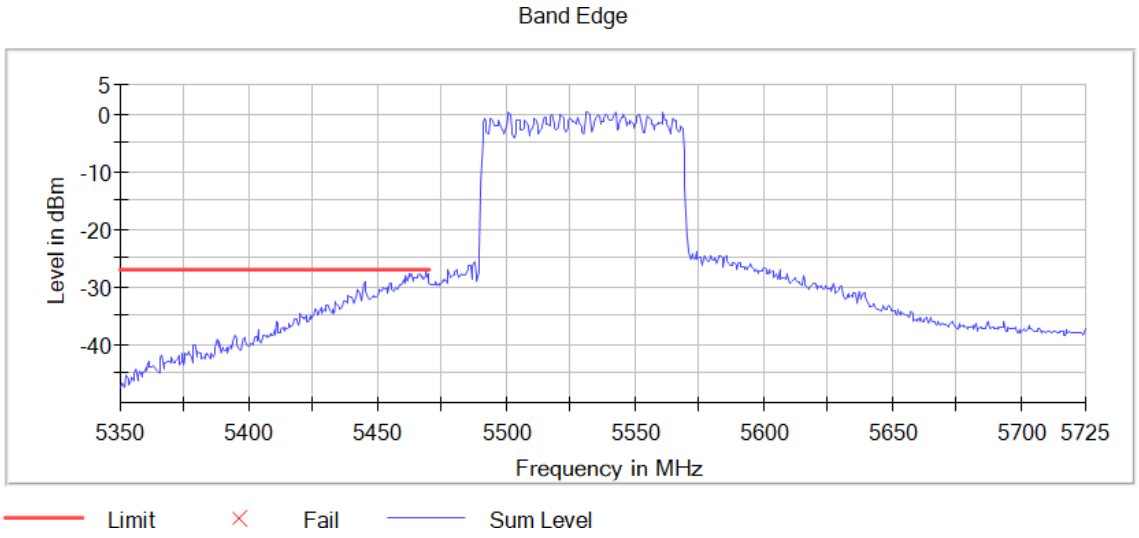
Active Port = 1+2, Frequency MHz = 5290.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



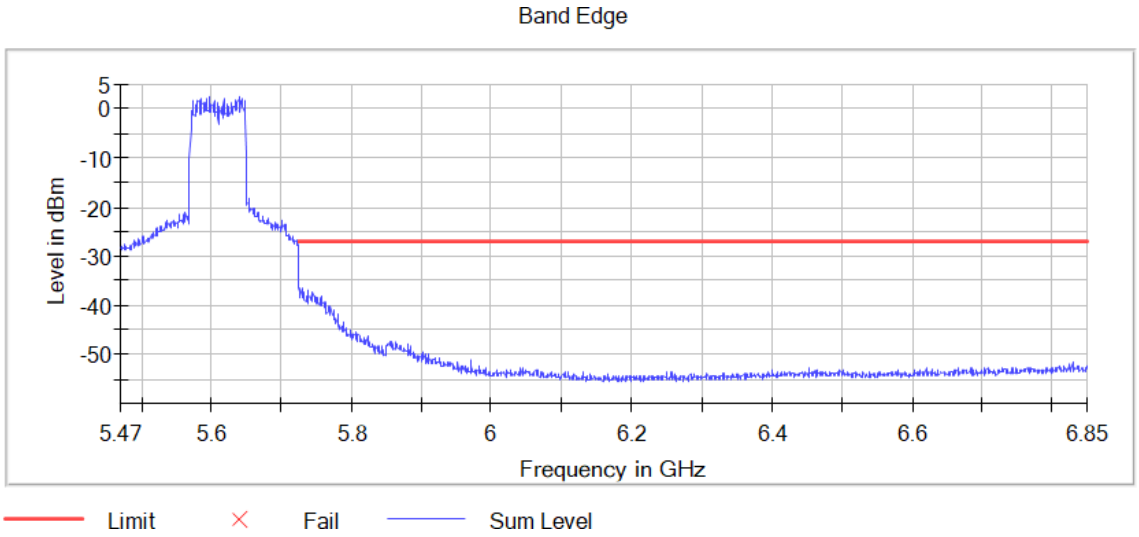
Active Port = 1+2, Frequency MHz = 5530.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



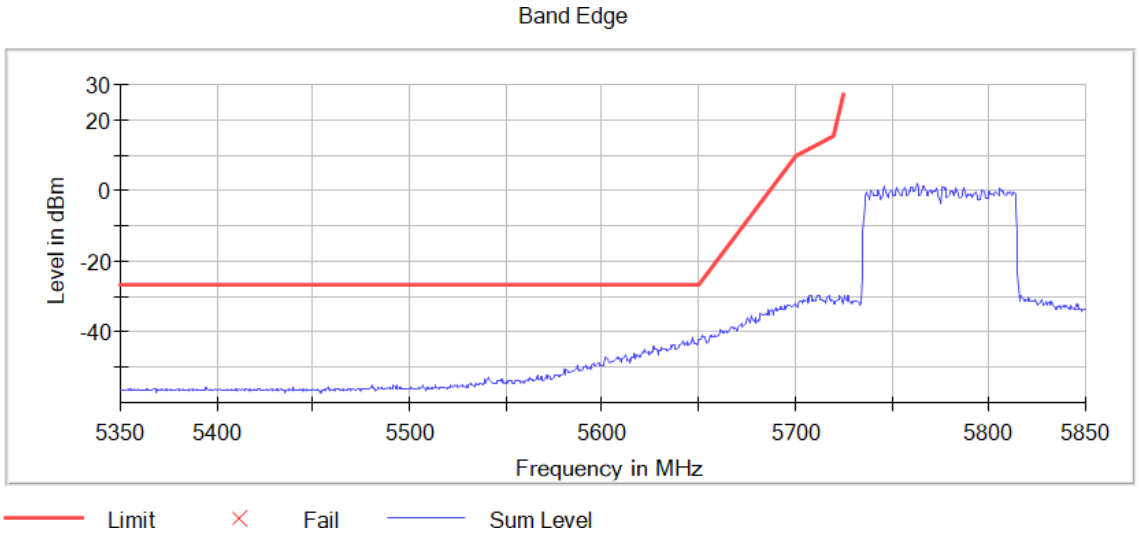
Active Port = 1+2, Frequency MHz = 5610.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



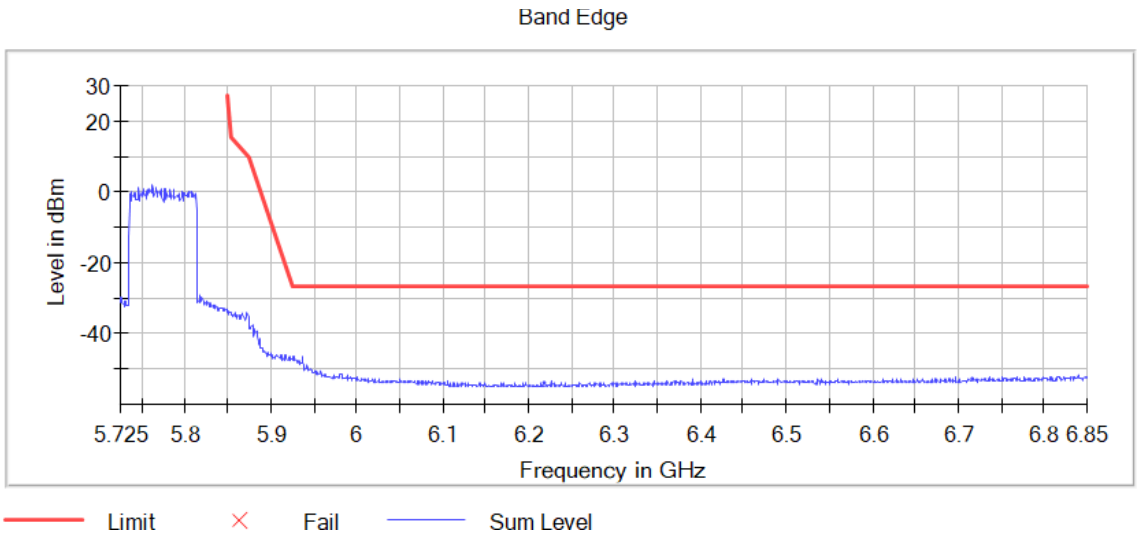
Active Port = 1+2, Frequency MHz = 5775.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



Active Port = 1+2, Frequency MHz = 5775.00000, Modulation = 802.11ax HE80 SS1 (OFDMA MCS11), Mode = MIMO CCD Mode 2x2, Measurement Point = 1

Images:



TC#02 (ax mode beam forming)

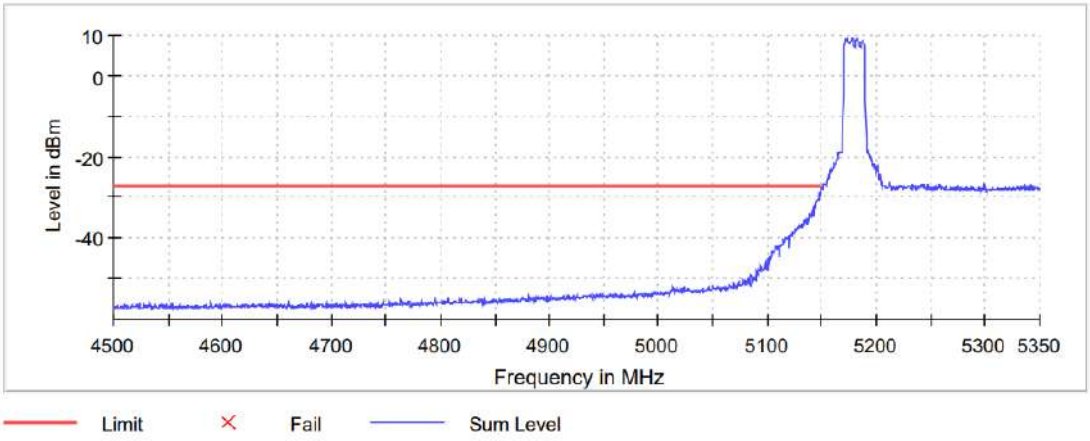
Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

UNII-1

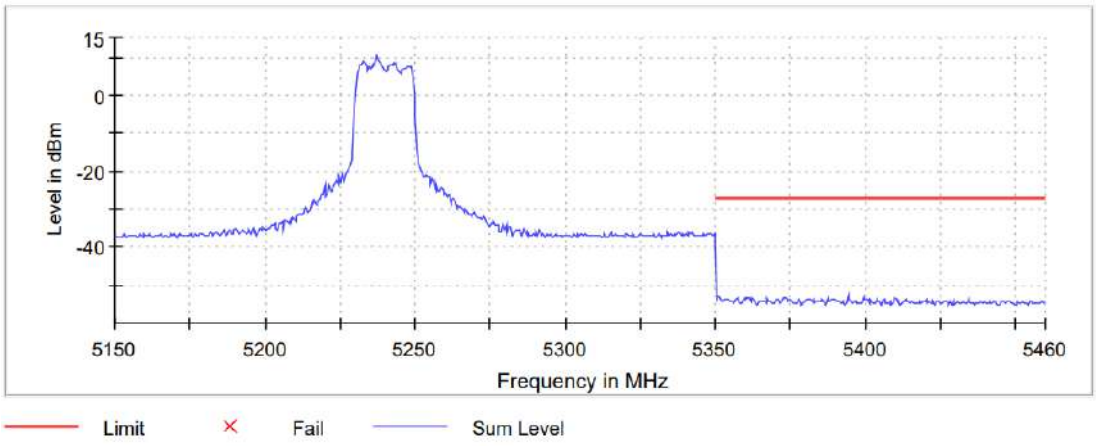
Bandwidth: 20 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5148.250000	-28.7	1.7	-27.0	PASS
5148.750000	-28.9	1.9	-27.0	PASS
5149.750000	-29.5	2.5	-27.0	PASS
5149.250000	-29.9	2.9	-27.0	PASS
5147.250000	-30.3	3.3	-27.0	PASS
5147.750000	-30.5	3.5	-27.0	PASS
5146.750000	-30.6	3.6	-27.0	PASS
5146.250000	-30.9	3.9	-27.0	PASS
5145.750000	-31.1	4.1	-27.0	PASS
5145.250000	-31.3	4.3	-27.0	PASS
5144.750000	-31.7	4.7	-27.0	PASS
5143.250000	-31.8	4.8	-27.0	PASS
5142.750000	-32.5	5.5	-27.0	PASS
5143.750000	-32.6	5.6	-27.0	PASS
5144.250000	-32.8	5.8	-27.0	PASS

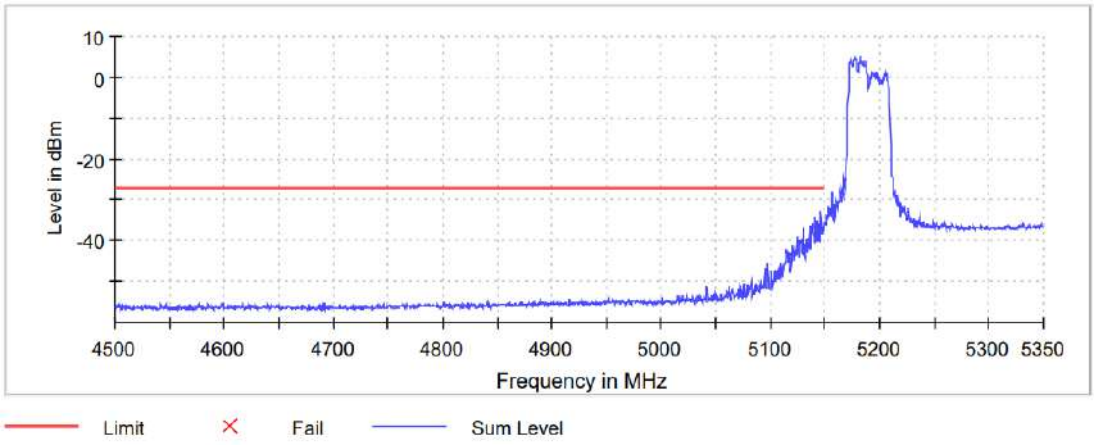
Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5351.250000	-52.9	25.9	-27.0	PASS
5394.250000	-53.1	26.1	-27.0	PASS
5350.750000	-53.3	26.3	-27.0	PASS
5361.250000	-53.3	26.3	-27.0	PASS
5360.750000	-53.5	26.5	-27.0	PASS
5399.250000	-53.5	26.5	-27.0	PASS
5373.250000	-53.5	26.5	-27.0	PASS
5409.750000	-53.5	26.5	-27.0	PASS
5367.250000	-53.6	26.6	-27.0	PASS
5357.250000	-53.6	26.6	-27.0	PASS
5372.750000	-53.6	26.6	-27.0	PASS
5362.250000	-53.6	26.6	-27.0	PASS
5359.750000	-53.6	26.6	-27.0	PASS
5434.250000	-53.7	26.7	-27.0	PASS
5390.250000	-53.7	26.7	-27.0	PASS

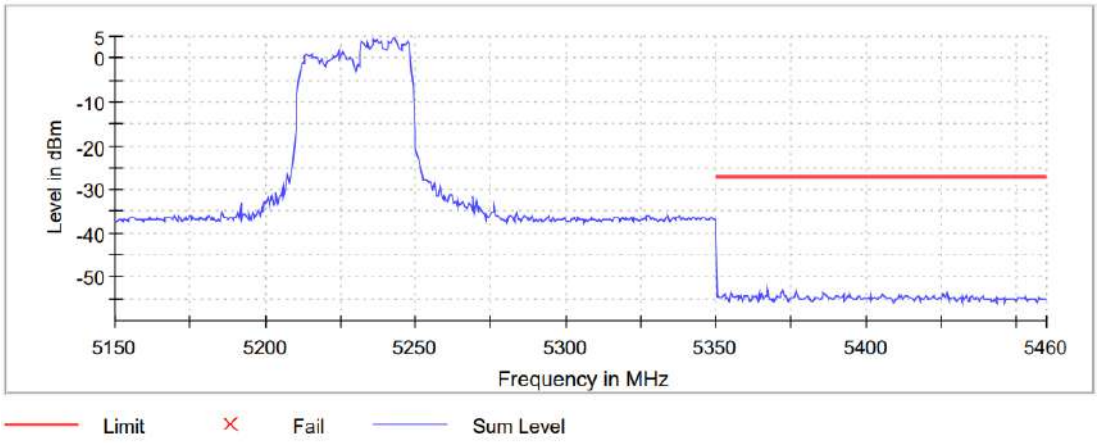
Bandwidth: 40 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5146.250000	-32.9	5.9	-27.0	PASS
5141.250000	-34.3	7.3	-27.0	PASS
5142.750000	-35.1	8.1	-27.0	PASS
5145.750000	-35.6	8.6	-27.0	PASS
5144.250000	-35.8	8.8	-27.0	PASS
5138.750000	-36.1	9.1	-27.0	PASS
5149.250000	-36.2	9.2	-27.0	PASS
5138.250000	-36.3	9.3	-27.0	PASS
5136.250000	-36.5	9.5	-27.0	PASS
5148.250000	-36.9	9.9	-27.0	PASS
5130.250000	-37.0	10.0	-27.0	PASS
5148.750000	-37.4	10.4	-27.0	PASS
5139.250000	-37.8	10.8	-27.0	PASS
5149.750000	-37.8	10.8	-27.0	PASS
5146.750000	-37.8	10.8	-27.0	PASS

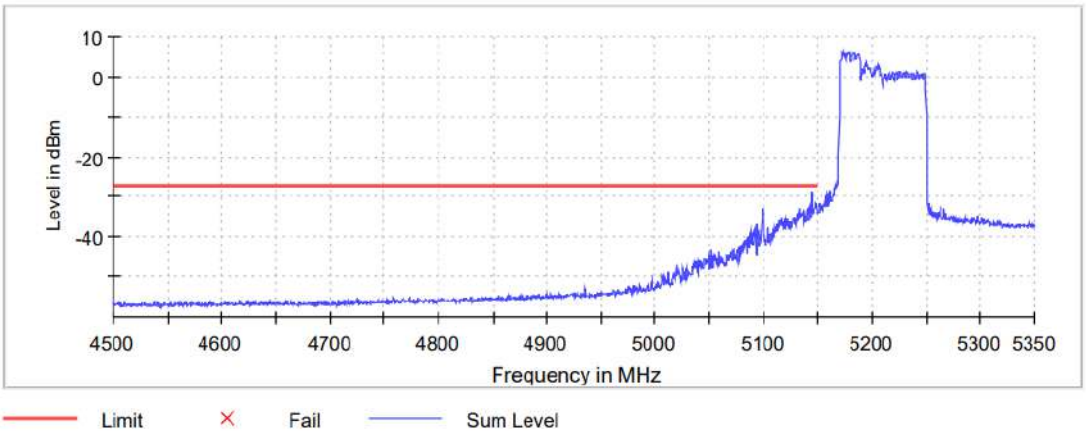
Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5376.750000	-52.9	25.9	-27.0	PASS
5367.250000	-53.0	26.0	-27.0	PASS
5372.250000	-53.2	26.2	-27.0	PASS
5385.750000	-53.5	26.5	-27.0	PASS
5354.750000	-53.6	26.6	-27.0	PASS
5355.250000	-53.6	26.6	-27.0	PASS
5426.750000	-53.6	26.6	-27.0	PASS
5386.250000	-53.8	26.8	-27.0	PASS
5352.750000	-53.9	26.9	-27.0	PASS
5425.750000	-53.9	26.9	-27.0	PASS
5371.750000	-53.9	26.9	-27.0	PASS
5401.750000	-53.9	26.9	-27.0	PASS
5365.250000	-53.9	26.9	-27.0	PASS
5394.750000	-54.0	27.0	-27.0	PASS
5364.250000	-54.0	27.0	-27.0	PASS

Bandwidth: 80 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5144.250000	-28.9	1.9	-27.0	PASS
5147.250000	-31.6	4.6	-27.0	PASS
5148.250000	-32.2	5.2	-27.0	PASS
5147.750000	-32.4	5.4	-27.0	PASS
5146.750000	-32.6	5.6	-27.0	PASS
5141.750000	-32.6	5.6	-27.0	PASS
5132.750000	-32.8	5.8	-27.0	PASS
5140.750000	-32.8	5.8	-27.0	PASS
5099.250000	-32.8	5.8	-27.0	PASS
5098.750000	-33.0	6.0	-27.0	PASS
5148.750000	-33.2	6.2	-27.0	PASS
5146.250000	-33.5	6.5	-27.0	PASS
5136.750000	-33.5	6.5	-27.0	PASS
5149.250000	-33.6	6.6	-27.0	PASS
5144.750000	-33.7	6.7	-27.0	PASS

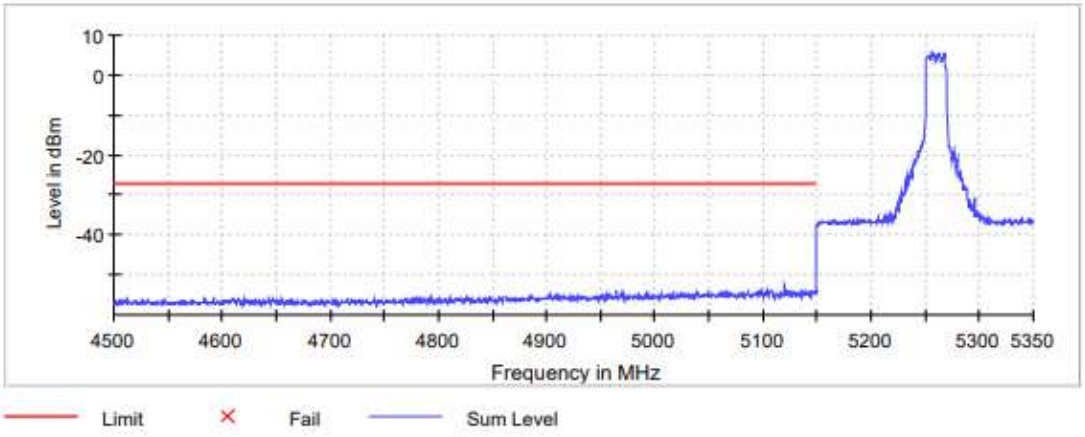
Measurement Setup

Setting	Instrument Value
Start Frequency	5.15000 GHz
Stop Frequency	5.35000 GHz
Span	200.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	400
Sweeptime	40.000 ms
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	MaxPeak
SweepCount	100
Filter	Channel
Trace Mode	Max Hold
Sweeptype	Sweep
Preamp	off
Stablemode	Trace
Stablevalue	0.50 dB
Run	14 / max. 150
Stable	3 / 3
Max Stable Difference	0.03 dB

UNII-2A

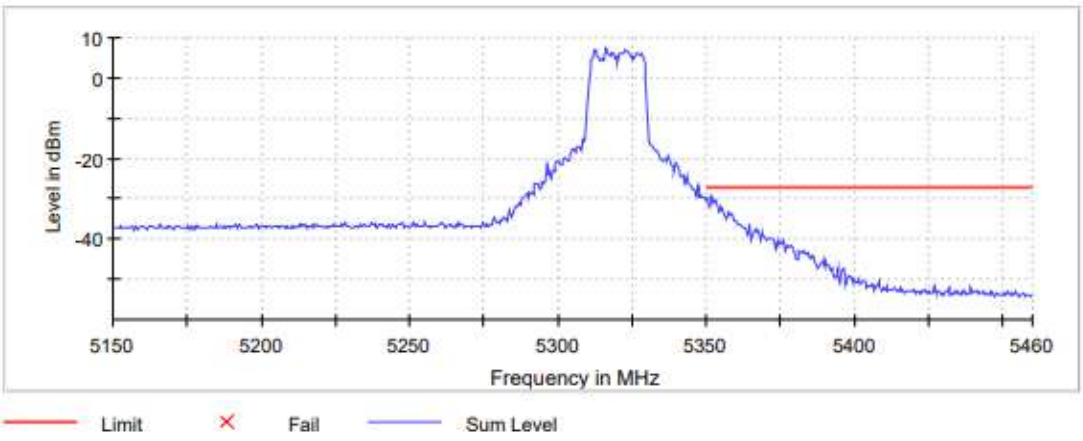
Bandwidth: 20 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5120.250000	-52.3	25.3	-27.0	PASS
5119.750000	-52.5	25.5	-27.0	PASS
5119.250000	-53.5	26.5	-27.0	PASS
4964.250000	-53.8	26.8	-27.0	PASS
5122.750000	-53.9	26.9	-27.0	PASS
5144.250000	-54.0	27.0	-27.0	PASS
5108.250000	-54.0	27.0	-27.0	PASS
5149.250000	-54.0	27.0	-27.0	PASS
5135.750000	-54.0	27.0	-27.0	PASS
5135.250000	-54.0	27.0	-27.0	PASS
5104.750000	-54.0	27.0	-27.0	PASS
5107.250000	-54.1	27.1	-27.0	PASS
5101.750000	-54.1	27.1	-27.0	PASS
5116.250000	-54.2	27.2	-27.0	PASS
5127.750000	-54.2	27.2	-27.0	PASS

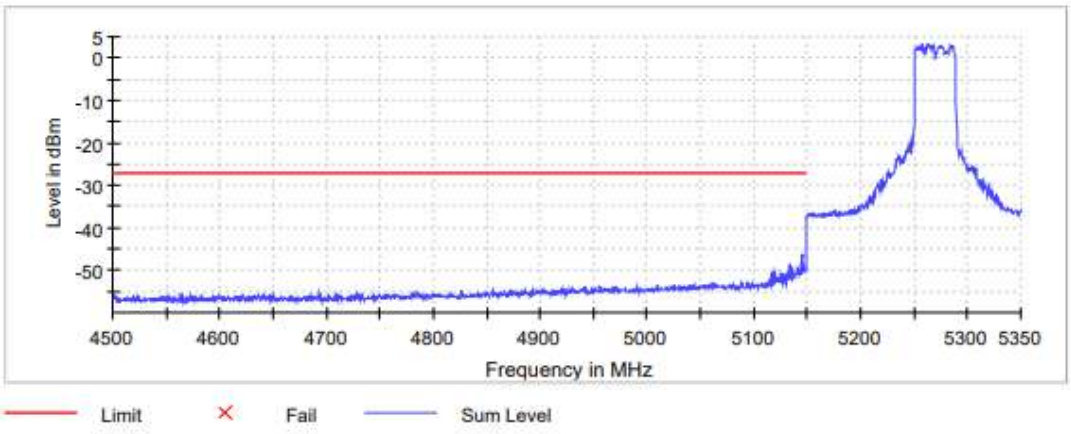
Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5351.750000	-29.2	2.2	-27.0	PASS
5350.250000	-29.8	2.8	-27.0	PASS
5353.250000	-30.3	3.3	-27.0	PASS
5352.750000	-30.4	3.4	-27.0	PASS
5352.250000	-31.1	4.1	-27.0	PASS
5350.750000	-31.1	4.1	-27.0	PASS
5353.750000	-31.5	4.5	-27.0	PASS
5351.250000	-31.8	4.8	-27.0	PASS
5355.250000	-32.2	5.2	-27.0	PASS
5354.750000	-32.8	5.8	-27.0	PASS
5355.750000	-33.0	6.0	-27.0	PASS
5354.250000	-33.1	6.1	-27.0	PASS
5357.250000	-33.2	6.2	-27.0	PASS
5357.750000	-33.5	6.5	-27.0	PASS
5358.750000	-33.9	6.9	-27.0	PASS

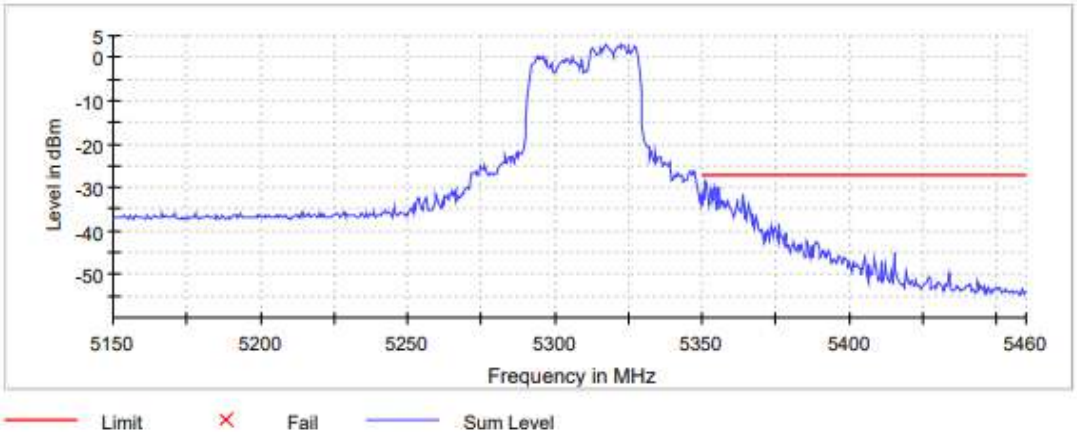
Bandwidth: 40 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5145.250000	-46.1	19.1	-27.0	PASS
5133.750000	-48.5	21.5	-27.0	PASS
5146.250000	-48.6	21.6	-27.0	PASS
5144.750000	-48.8	21.8	-27.0	PASS
5147.250000	-49.3	22.3	-27.0	PASS
5148.250000	-49.4	22.4	-27.0	PASS
5147.750000	-49.5	22.5	-27.0	PASS
5141.250000	-49.5	22.5	-27.0	PASS
5135.750000	-49.5	22.5	-27.0	PASS
5146.750000	-49.7	22.7	-27.0	PASS
5149.750000	-49.7	22.7	-27.0	PASS
5141.750000	-49.7	22.7	-27.0	PASS
5143.250000	-49.9	22.9	-27.0	PASS
5140.750000	-49.9	22.9	-27.0	PASS
5149.250000	-50.0	23.0	-27.0	PASS

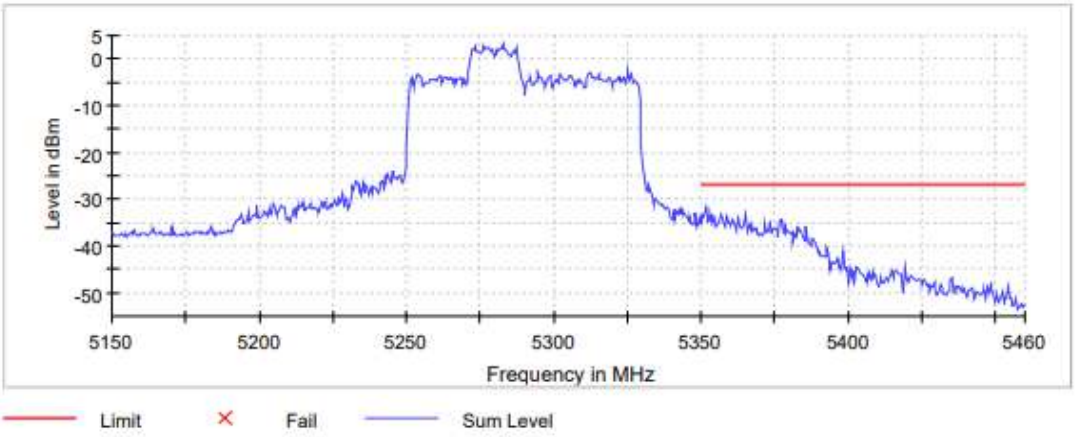
Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5351.250000	-28.8	1.8	-27.0	PASS
5354.250000	-30.0	3.0	-27.0	PASS
5355.750000	-30.1	3.1	-27.0	PASS
5353.250000	-30.3	3.3	-27.0	PASS
5352.750000	-30.4	3.4	-27.0	PASS
5351.750000	-30.9	3.9	-27.0	PASS
5363.750000	-31.6	4.6	-27.0	PASS
5350.250000	-32.5	5.5	-27.0	PASS
5354.750000	-32.6	5.6	-27.0	PASS
5361.750000	-32.7	5.7	-27.0	PASS
5350.750000	-32.7	5.7	-27.0	PASS
5356.750000	-33.1	6.1	-27.0	PASS
5358.750000	-33.2	6.2	-27.0	PASS
5353.750000	-33.4	6.4	-27.0	PASS
5357.750000	-33.7	6.7	-27.0	PASS

Bandwidth: 80 MHz

Highest Channel



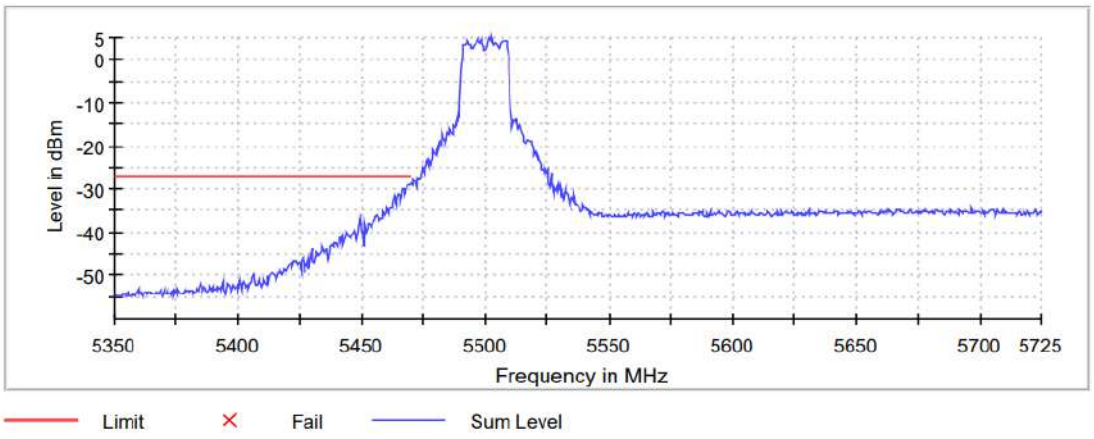
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5351.750000	-31.7	4.7	-27.0	PASS
5365.250000	-33.1	6.1	-27.0	PASS
5356.750000	-33.2	6.2	-27.0	PASS
5351.250000	-33.3	6.3	-27.0	PASS
5353.250000	-33.3	6.3	-27.0	PASS
5350.250000	-33.4	6.4	-27.0	PASS
5354.250000	-33.8	6.8	-27.0	PASS
5358.750000	-33.8	6.8	-27.0	PASS
5362.750000	-33.9	6.9	-27.0	PASS
5352.750000	-33.9	6.9	-27.0	PASS
5350.750000	-33.9	6.9	-27.0	PASS
5377.250000	-34.5	7.5	-27.0	PASS
5360.750000	-34.5	7.5	-27.0	PASS
5352.250000	-34.6	7.6	-27.0	PASS
5357.250000	-34.6	7.6	-27.0	PASS

Setting	Instrument Value
Start Frequency	5.15000 GHz
Stop Frequency	5.35000 GHz
Span	200.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	400
Sweeptime	40.000 ms
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	MaxPeak
SweepCount	100
Filter	Channel
Trace Mode	Max Hold
Sweeptype	Sweep
Preamp	off
Stablemode	Trace
Stablevalue	0.50 dB
Run	12 / max. 150
Stable	3 / 3
Max Stable Difference	0.26 dB

UNII-2C

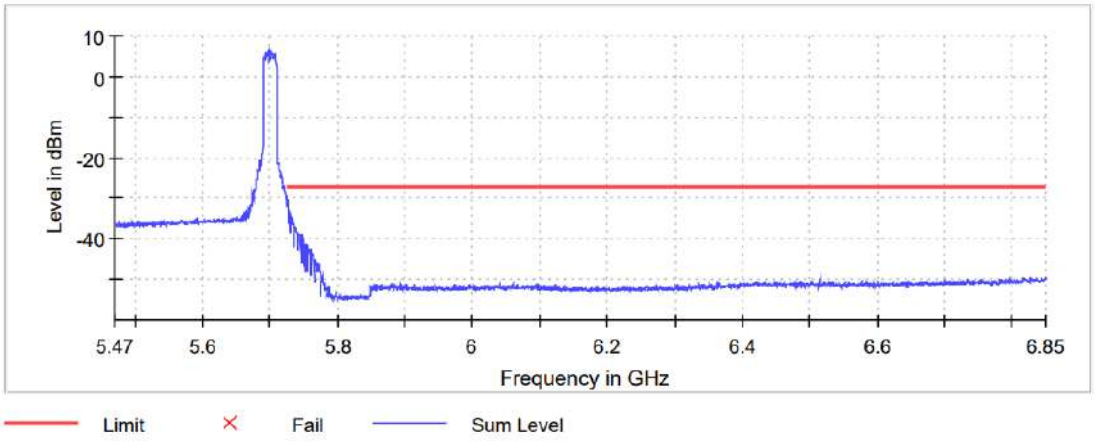
Bandwidth: 20 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5469.750000	-28.9	1.9	-27.0	PASS
5468.250000	-28.9	1.9	-27.0	PASS
5469.250000	-29.0	2.0	-27.0	PASS
5468.750000	-29.1	2.1	-27.0	PASS
5466.250000	-29.9	2.9	-27.0	PASS
5467.750000	-30.1	3.1	-27.0	PASS
5466.750000	-30.1	3.1	-27.0	PASS
5464.750000	-31.2	4.2	-27.0	PASS
5467.250000	-31.3	4.3	-27.0	PASS
5465.250000	-31.4	4.4	-27.0	PASS
5463.250000	-31.8	4.8	-27.0	PASS
5465.750000	-32.4	5.4	-27.0	PASS
5464.250000	-32.4	5.4	-27.0	PASS
5462.750000	-33.3	6.3	-27.0	PASS
5463.750000	-33.6	6.6	-27.0	PASS

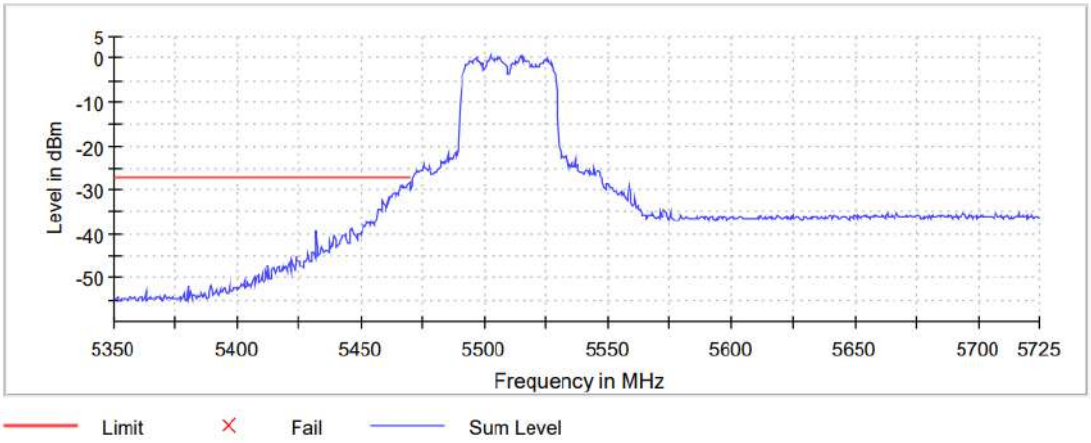
Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5727.750000	-30.2	3.2	-27.0	PASS
5726.750000	-30.8	3.8	-27.0	PASS
5725.250000	-30.9	3.9	-27.0	PASS
5727.250000	-31.0	4.0	-27.0	PASS
5725.750000	-31.9	4.9	-27.0	PASS
5728.750000	-32.2	5.2	-27.0	PASS
5726.250000	-32.4	5.4	-27.0	PASS
5729.250000	-33.6	6.6	-27.0	PASS
5729.750000	-34.2	7.2	-27.0	PASS
5731.250000	-34.2	7.2	-27.0	PASS
5730.250000	-34.4	7.4	-27.0	PASS
5731.750000	-35.1	8.1	-27.0	PASS
5733.750000	-35.3	8.3	-27.0	PASS
5732.250000	-35.6	8.6	-27.0	PASS
5733.250000	-36.1	9.1	-27.0	PASS

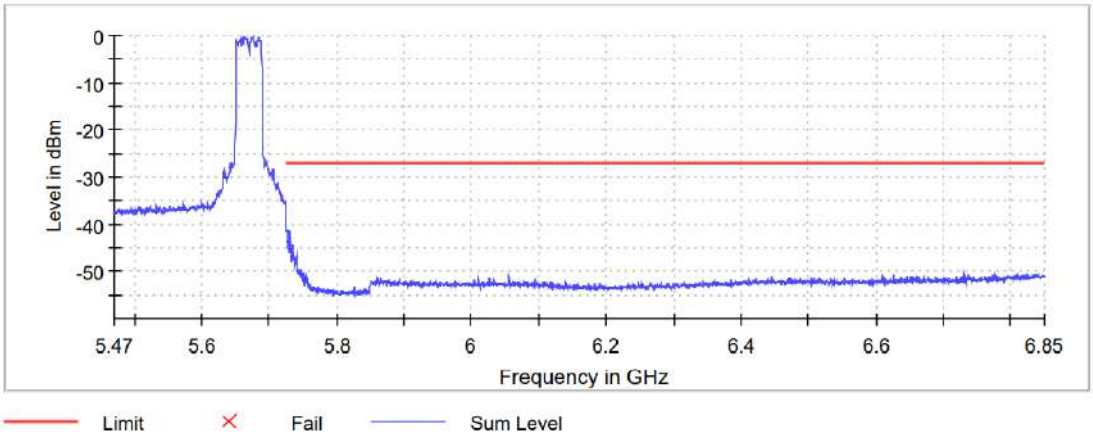
Bandwidth: 40 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5469.750000	-28.3	1.3	-27.0	PASS
5469.250000	-28.6	1.6	-27.0	PASS
5468.750000	-29.0	2.0	-27.0	PASS
5466.250000	-29.0	2.0	-27.0	PASS
5467.250000	-29.3	2.3	-27.0	PASS
5468.250000	-29.3	2.3	-27.0	PASS
5466.750000	-29.4	2.4	-27.0	PASS
5467.750000	-29.5	2.5	-27.0	PASS
5463.750000	-30.6	3.6	-27.0	PASS
5464.750000	-30.8	3.8	-27.0	PASS
5465.750000	-30.9	3.9	-27.0	PASS
5463.250000	-30.9	3.9	-27.0	PASS
5465.250000	-31.0	4.0	-27.0	PASS
5462.750000	-31.1	4.1	-27.0	PASS
5461.750000	-31.5	4.5	-27.0	PASS

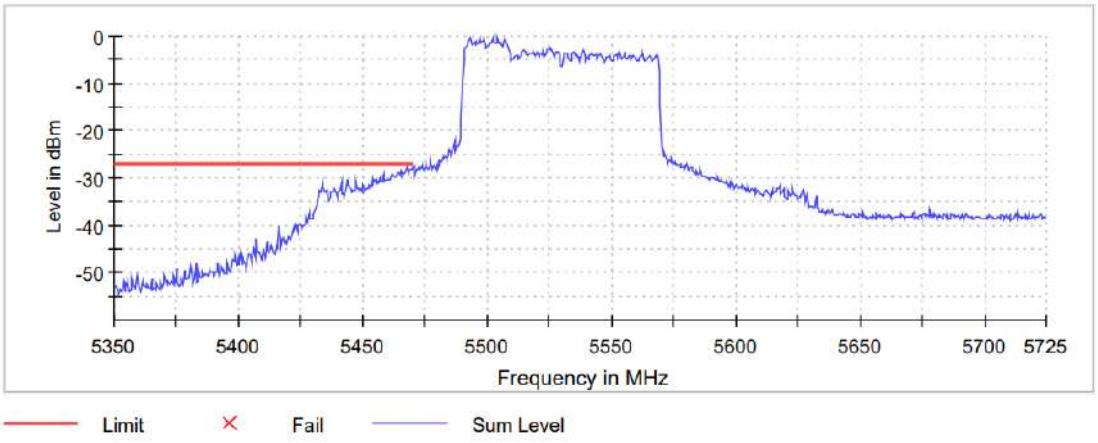
Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5726.250000	-41.2	14.2	-27.0	PASS
5731.250000	-41.2	14.2	-27.0	PASS
5725.750000	-41.3	14.3	-27.0	PASS
5725.250000	-41.4	14.4	-27.0	PASS
5726.750000	-41.8	14.8	-27.0	PASS
5727.250000	-42.7	15.7	-27.0	PASS
5728.250000	-43.6	16.6	-27.0	PASS
5727.750000	-43.8	16.8	-27.0	PASS
5734.750000	-44.1	17.1	-27.0	PASS
5728.750000	-45.0	18.0	-27.0	PASS
5732.750000	-45.3	18.3	-27.0	PASS
5729.250000	-45.7	18.7	-27.0	PASS
5731.750000	-45.9	18.9	-27.0	PASS
5730.750000	-45.9	18.9	-27.0	PASS
5729.750000	-45.9	18.9	-27.0	PASS

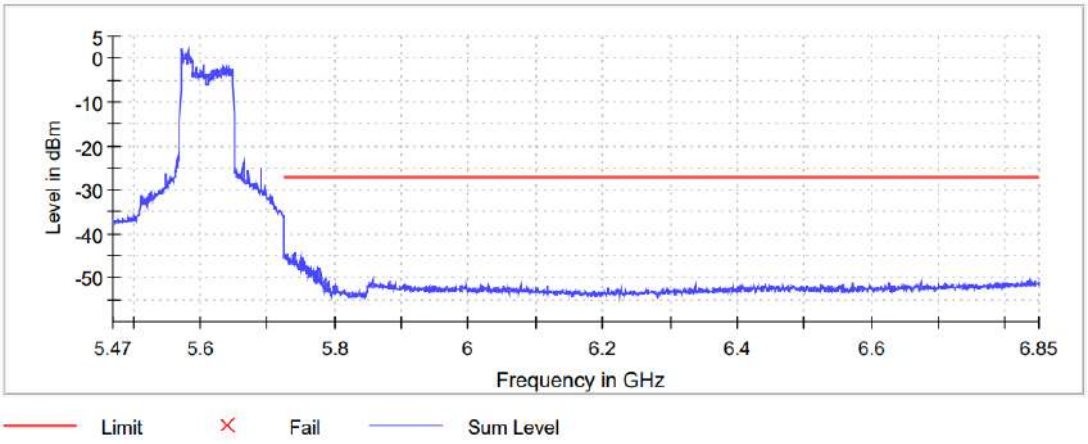
Bandwidth: 80 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5467.750000	-27.6	0.6	-27.0	PASS
5469.250000	-28.1	1.1	-27.0	PASS
5469.750000	-28.2	1.2	-27.0	PASS
5465.750000	-28.4	1.4	-27.0	PASS
5468.750000	-28.5	1.5	-27.0	PASS
5467.250000	-28.7	1.7	-27.0	PASS
5468.250000	-28.8	1.8	-27.0	PASS
5466.750000	-28.9	1.9	-27.0	PASS
5464.250000	-29.0	2.0	-27.0	PASS
5464.750000	-29.0	2.0	-27.0	PASS
5466.250000	-29.3	2.3	-27.0	PASS
5458.250000	-29.4	2.4	-27.0	PASS
5463.750000	-29.4	2.4	-27.0	PASS
5461.750000	-29.4	2.4	-27.0	PASS
5462.750000	-29.5	2.5	-27.0	PASS

Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5725.250000	-43.8	16.8	-27.0	PASS
5740.250000	-44.3	17.3	-27.0	PASS
5731.250000	-44.4	17.4	-27.0	PASS
5737.750000	-44.4	17.4	-27.0	PASS
5730.250000	-44.6	17.6	-27.0	PASS
5728.750000	-44.8	17.8	-27.0	PASS
5726.250000	-44.9	17.9	-27.0	PASS
5729.750000	-45.1	18.1	-27.0	PASS
5733.250000	-45.2	18.2	-27.0	PASS
5733.750000	-45.2	18.2	-27.0	PASS
5727.750000	-45.2	18.2	-27.0	PASS
5725.750000	-45.3	18.3	-27.0	PASS
5732.250000	-45.3	18.3	-27.0	PASS
5728.250000	-45.4	18.4	-27.0	PASS
5752.750000	-45.4	18.4	-27.0	PASS

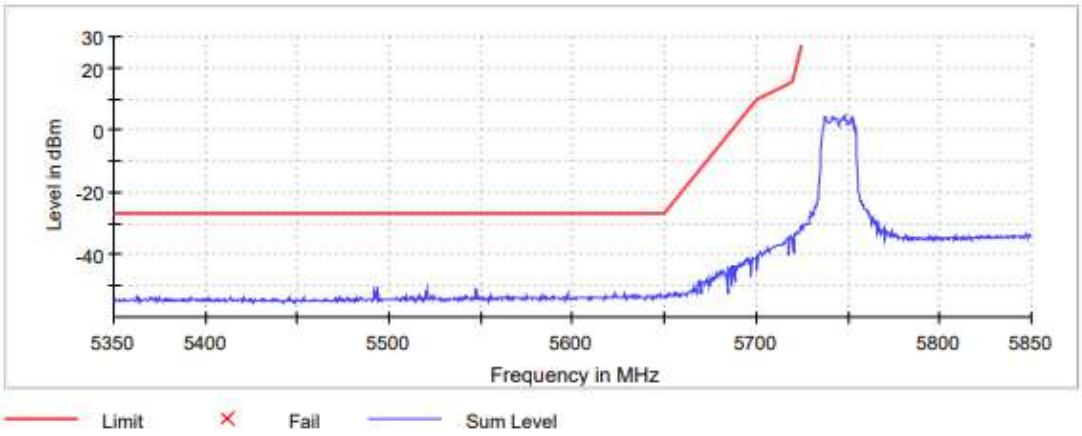
Measurement settings

Setting	Instrument Value
Start Frequency	5.47000 GHz
Stop Frequency	5.72500 GHz
Span	255.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	510
Sweeptime	51.000 ms
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	MaxPeak
SweepCount	100
Filter	Channel
Trace Mode	Max Hold
Sweeptype	Sweep
Preamp	off
Stablemode	Trace
Stablevalue	0.50 dB
Run	15 / max. 150
Stable	3 / 3
Max Stable Difference	0.20 dB

UNII-3

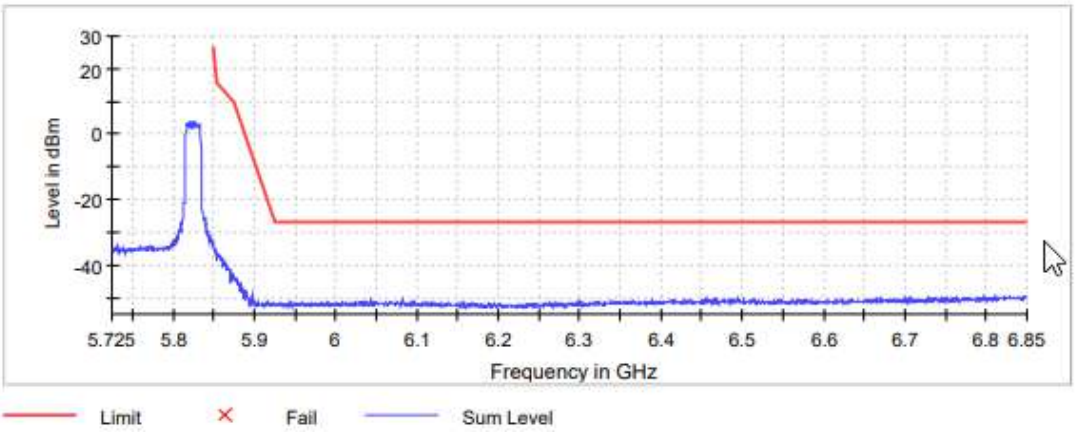
Bandwidth: 20 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5493.750000	-50.3	23.3	-27.0	PASS
5547.250000	-51.1	24.1	-27.0	PASS
5520.250000	-51.3	24.3	-27.0	PASS
5491.750000	-51.5	24.5	-27.0	PASS
5494.250000	-51.6	24.6	-27.0	PASS
5492.750000	-52.6	25.6	-27.0	PASS
5647.250000	-52.8	25.8	-27.0	PASS
5597.250000	-52.9	25.9	-27.0	PASS
5623.250000	-52.9	25.9	-27.0	PASS
5627.750000	-52.9	25.9	-27.0	PASS
5588.750000	-53.0	26.0	-27.0	PASS
5646.750000	-53.0	26.0	-27.0	PASS
5508.750000	-53.1	26.1	-27.0	PASS
5609.750000	-53.1	26.1	-27.0	PASS
5555.250000	-53.1	26.1	-27.0	PASS

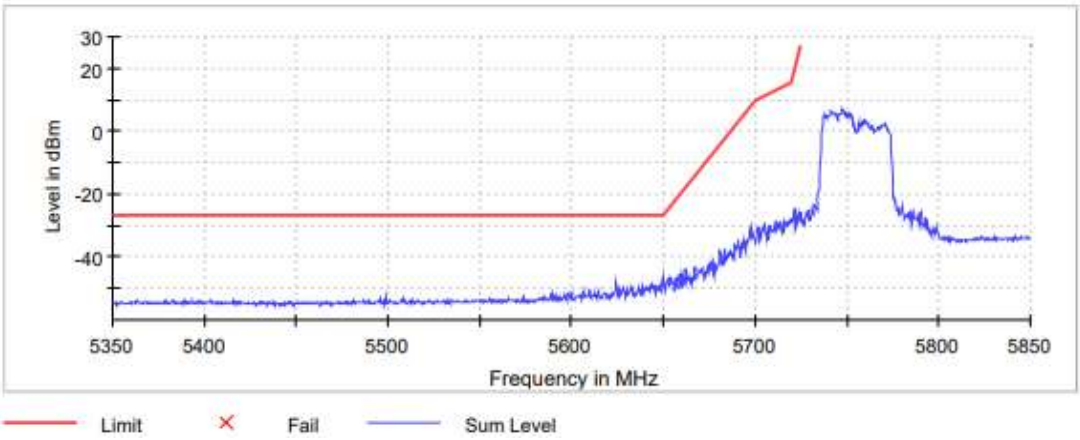
Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6848.250000	-49.5	22.5	-27.0	PASS
6821.250000	-49.7	22.7	-27.0	PASS
6813.750000	-49.7	22.7	-27.0	PASS
6829.250000	-49.7	22.7	-27.0	PASS
6841.250000	-49.7	22.7	-27.0	PASS
6811.250000	-49.8	22.8	-27.0	PASS
6846.250000	-49.8	22.8	-27.0	PASS
6809.750000	-49.8	22.8	-27.0	PASS
6847.250000	-49.9	22.9	-27.0	PASS
6797.750000	-49.9	22.9	-27.0	PASS
6669.750000	-49.9	22.9	-27.0	PASS
6828.250000	-49.9	22.9	-27.0	PASS
6846.750000	-49.9	22.9	-27.0	PASS
6833.750000	-49.9	22.9	-27.0	PASS
6824.250000	-49.9	22.9	-27.0	PASS

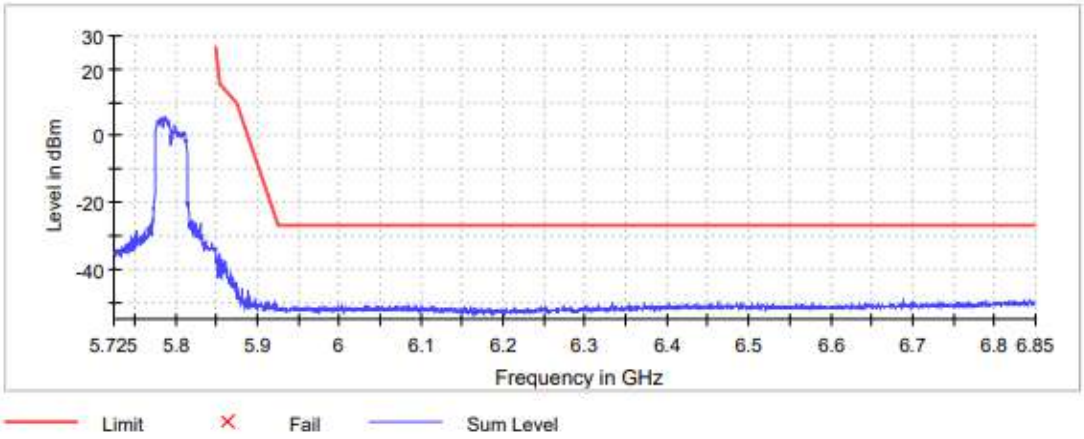
Bandwidth: 40 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5649.750000	-46.3	19.3	-27.0	PASS
5624.250000	-47.9	20.9	-27.0	PASS
5650.250000	-48.0	21.2	-26.8	PASS
5643.250000	-49.0	22.0	-27.0	PASS
5647.250000	-49.0	22.0	-27.0	PASS
5638.750000	-49.1	22.1	-27.0	PASS
5652.250000	-47.5	22.2	-25.3	PASS
5652.750000	-47.2	22.2	-25.0	PASS
5644.250000	-49.3	22.3	-27.0	PASS
5651.750000	-48.0	22.3	-25.7	PASS
5645.750000	-49.6	22.6	-27.0	PASS
5644.750000	-49.6	22.6	-27.0	PASS
5651.250000	-48.7	22.7	-26.1	PASS
5646.250000	-49.7	22.7	-27.0	PASS
5627.750000	-49.8	22.8	-27.0	PASS

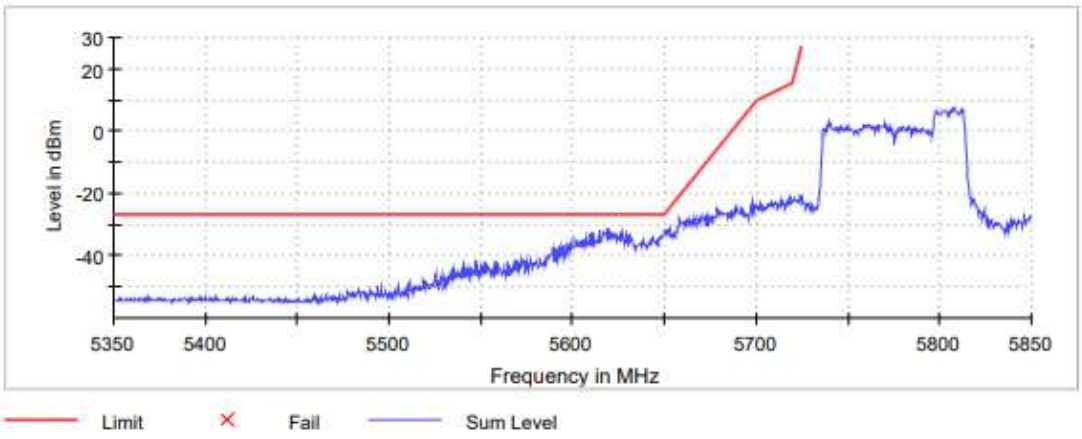
Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6836.250000	-49.2	22.2	-27.0	PASS
6687.750000	-49.6	22.6	-27.0	PASS
6825.750000	-49.8	22.8	-27.0	PASS
6843.750000	-49.9	22.9	-27.0	PASS
6842.250000	-49.9	22.9	-27.0	PASS
6816.750000	-49.9	22.9	-27.0	PASS
6848.250000	-49.9	22.9	-27.0	PASS
6789.250000	-49.9	22.9	-27.0	PASS
6822.750000	-49.9	22.9	-27.0	PASS
6844.750000	-50.0	23.0	-27.0	PASS
6831.250000	-50.0	23.0	-27.0	PASS
6830.750000	-50.0	23.0	-27.0	PASS
6833.750000	-50.0	23.0	-27.0	PASS
6800.750000	-50.0	23.0	-27.0	PASS
6733.250000	-50.0	23.0	-27.0	PASS

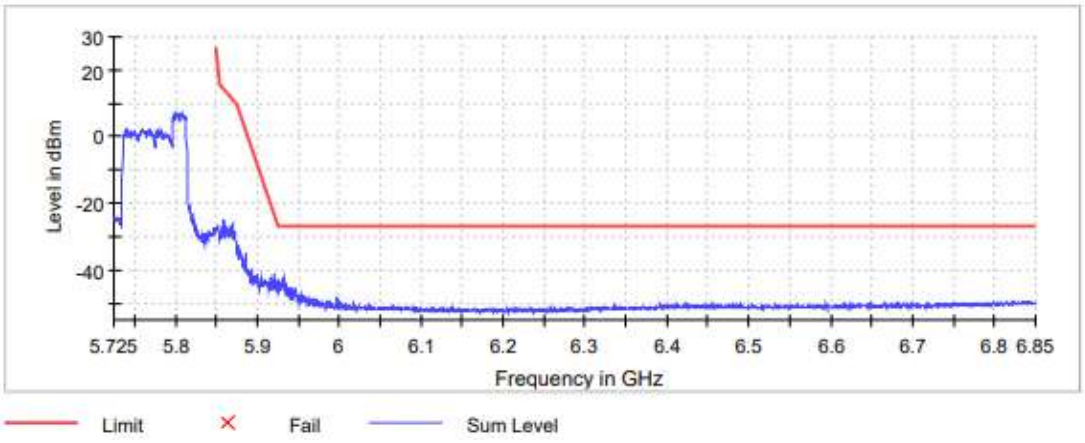
Bandwidth: 80 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5619.250000	-31.4	4.4	-27.0	PASS
5614.750000	-31.8	4.8	-27.0	PASS
5611.250000	-32.3	5.3	-27.0	PASS
5650.250000	-32.3	5.5	-26.8	PASS
5620.250000	-32.5	5.5	-27.0	PASS
5617.250000	-32.6	5.6	-27.0	PASS
5627.250000	-32.7	5.7	-27.0	PASS
5622.750000	-32.8	5.8	-27.0	PASS
5622.250000	-32.8	5.8	-27.0	PASS
5651.250000	-31.9	5.8	-26.1	PASS
5631.250000	-32.8	5.8	-27.0	PASS
5609.250000	-32.8	5.8	-27.0	PASS
5649.750000	-32.9	5.9	-27.0	PASS
5626.250000	-32.9	5.9	-27.0	PASS
5621.250000	-33.1	6.1	-27.0	PASS

Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5931.750000	-42.1	15.1	-27.0	PASS
5924.750000	-42.8	16.0	-26.8	PASS
5927.250000	-43.6	16.6	-27.0	PASS
5921.250000	-41.0	16.7	-24.2	PASS
5929.250000	-44.0	17.0	-27.0	PASS
5935.750000	-44.0	17.0	-27.0	PASS
5931.250000	-44.3	17.3	-27.0	PASS
5925.750000	-44.4	17.4	-27.0	PASS
5932.750000	-44.4	17.4	-27.0	PASS
5930.750000	-44.6	17.6	-27.0	PASS
5930.250000	-45.0	18.0	-27.0	PASS
5929.750000	-45.1	18.1	-27.0	PASS
5946.750000	-45.2	18.2	-27.0	PASS
5922.750000	-43.6	18.3	-25.3	PASS
5926.750000	-45.3	18.3	-27.0	PASS

Measurement settings

Setting	Instrument Value
Start Frequency	**5.72500 GHz**
Stop Frequency	**5.85000 GHz**
Span	**125.000 MHz**
RBW	**1.000 MHz**
VBW	**3.000 MHz**
SweepPoints	**250**
Sweeptime	**25.000 ms**
Reference Level	**0.000 dBm**
Attenuation	**20.000 dB**
Detector	**MaxPeak**
SweepCount	**100**
Filter	**Channel**
Trace Mode	**Max Hold**
Sweeptype	**Sweep**
Preamp	**off**
Stablemode	**Trace**
Stablevalue	**0.50 dB**
Run	**13 / max. 150**
Stable	**3 / 3**
Max Stable Difference	**0.18 dB**

SECTION F.5: RSS-GEN 6.6 / RSS-247 6.2. TRANSMITTER 99% OCCUPIED BANDWIDTH

Limits

No Limit has been set to this test case

TC#01 (ax mode non-beam forming)

Mode: SISO

Modulation: 802.11ax HE20 SS1 (OFDMA MCS8)

Results

Port	Freq (MHz)	# of Tx Chains	Occ Ch BW (MHz)
1	5180.00000	1	18.900
1	5200.00000	1	18.900
1	5240.00000	1	18.900
1	5260.00000	1	18.900
1	5280.00000	1	18.900
1	5320.00000	1	18.900
1	5500.00000	1	19.000
1	5580.00000	1	19.000
1	5700.00000	1	18.900
1	5745.00000	1	18.900
1	5785.00000	1	18.900
1	5825.00000	1	18.900
2	5180.00000	1	18.900
2	5200.00000	1	18.900
2	5240.00000	1	18.900
2	5260.00000	1	18.900

Port	Freq (MHz)	# of Tx Chains	Occ Ch BW (MHz)
2	5280.00000	1	18.800
2	5320.00000	1	18.900
2	5500.00000	1	18.900
2	5580.00000	1	18.900
2	5700.00000	1	18.900
2	5745.00000	1	18.900
2	5785.00000	1	18.900
2	5825.00000	1	18.900

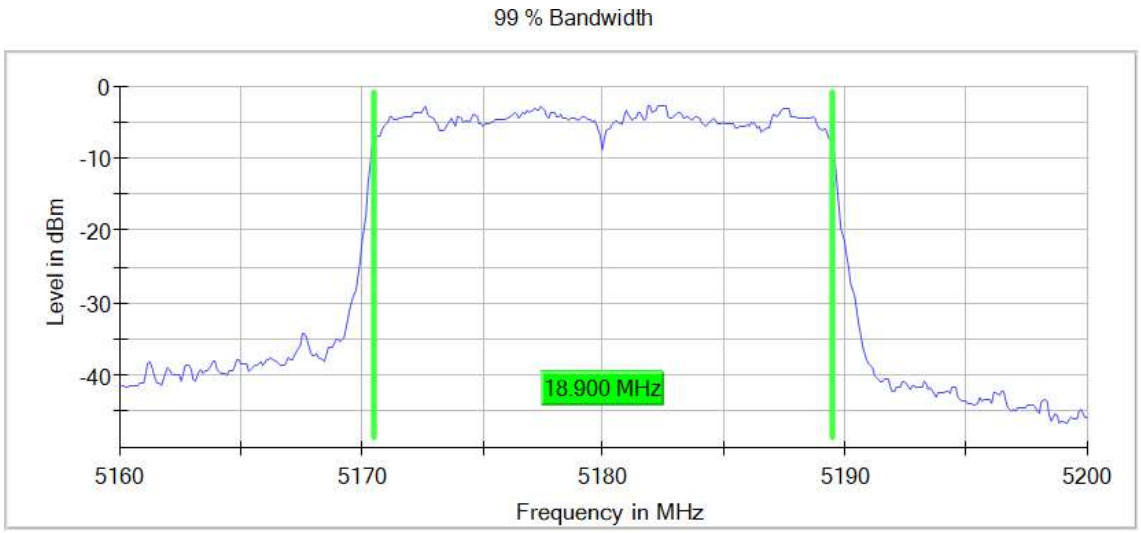
Verdict

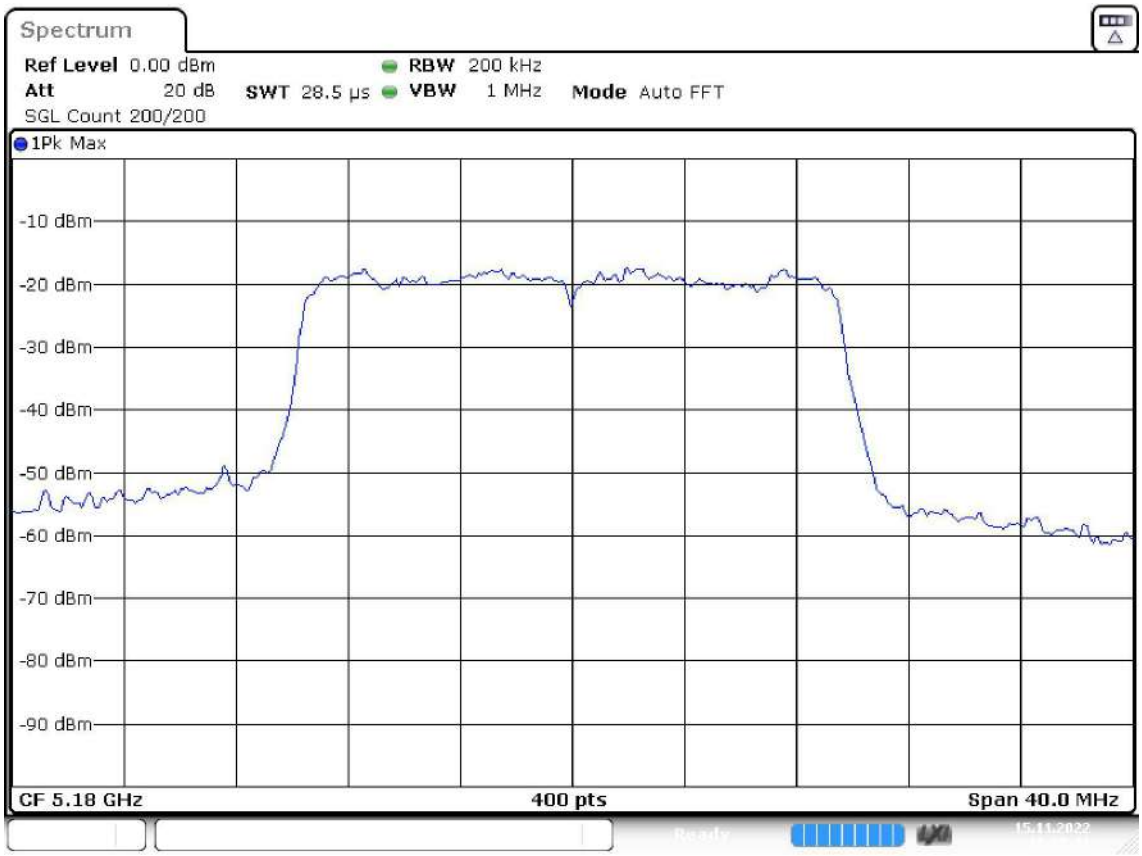
Pass

Attachments

Active Port = 1, Frequency MHz = 5180.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

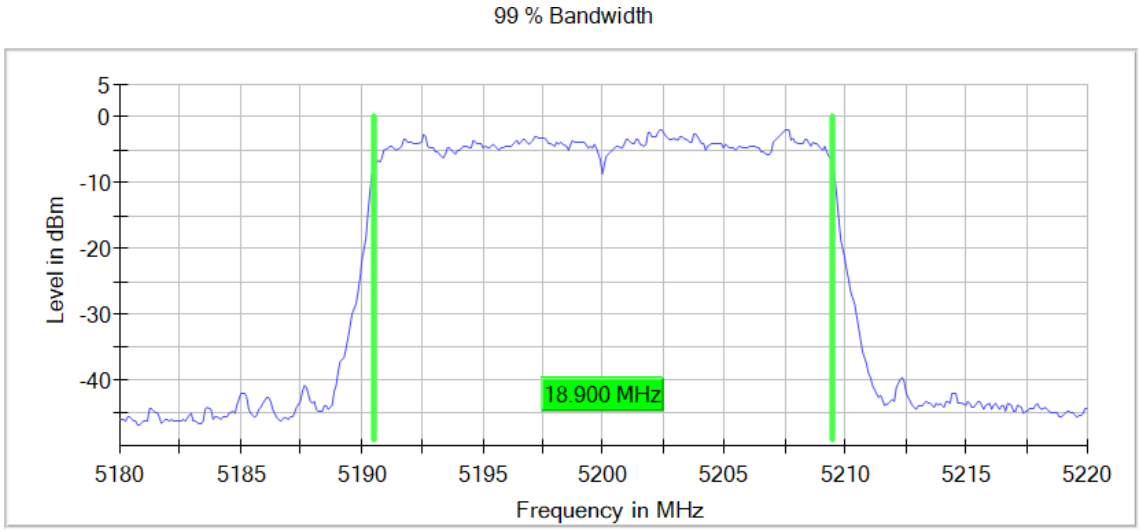


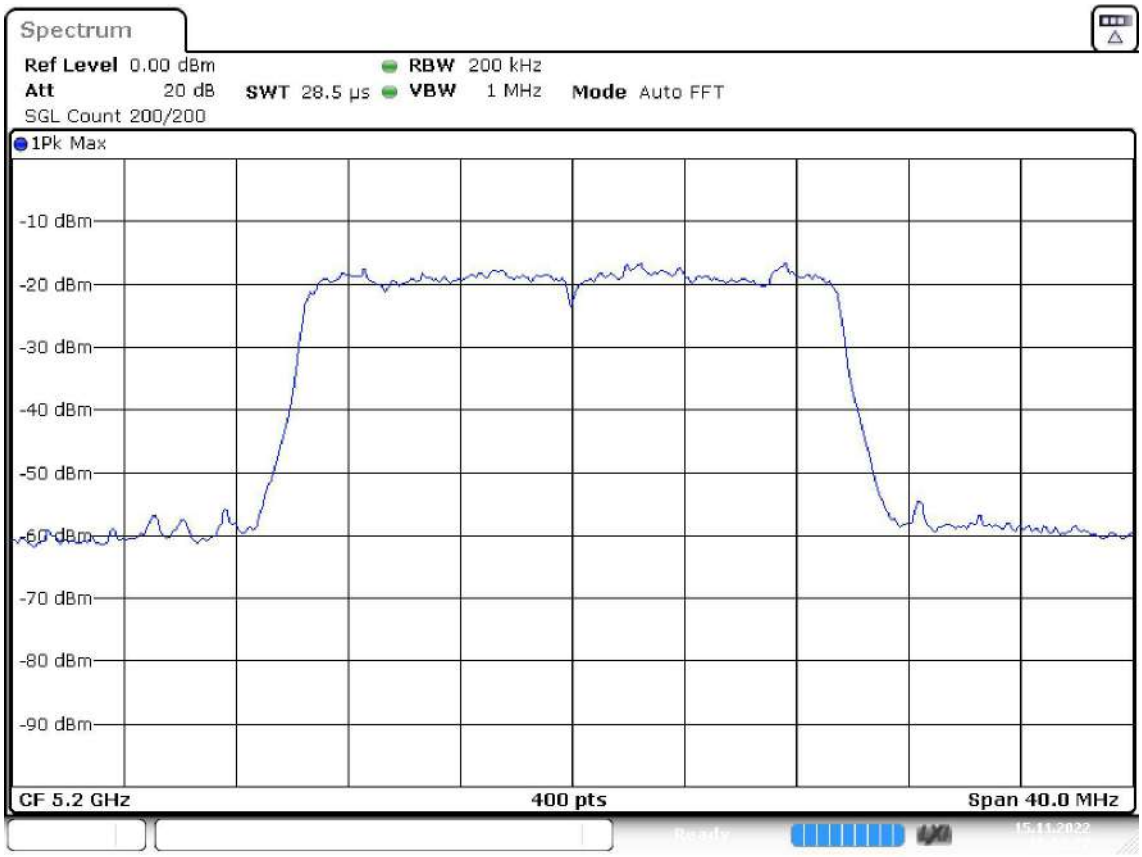


Date: 15.NOV.2022 16:27:22

Active Port = 1, Frequency MHz = 5200.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

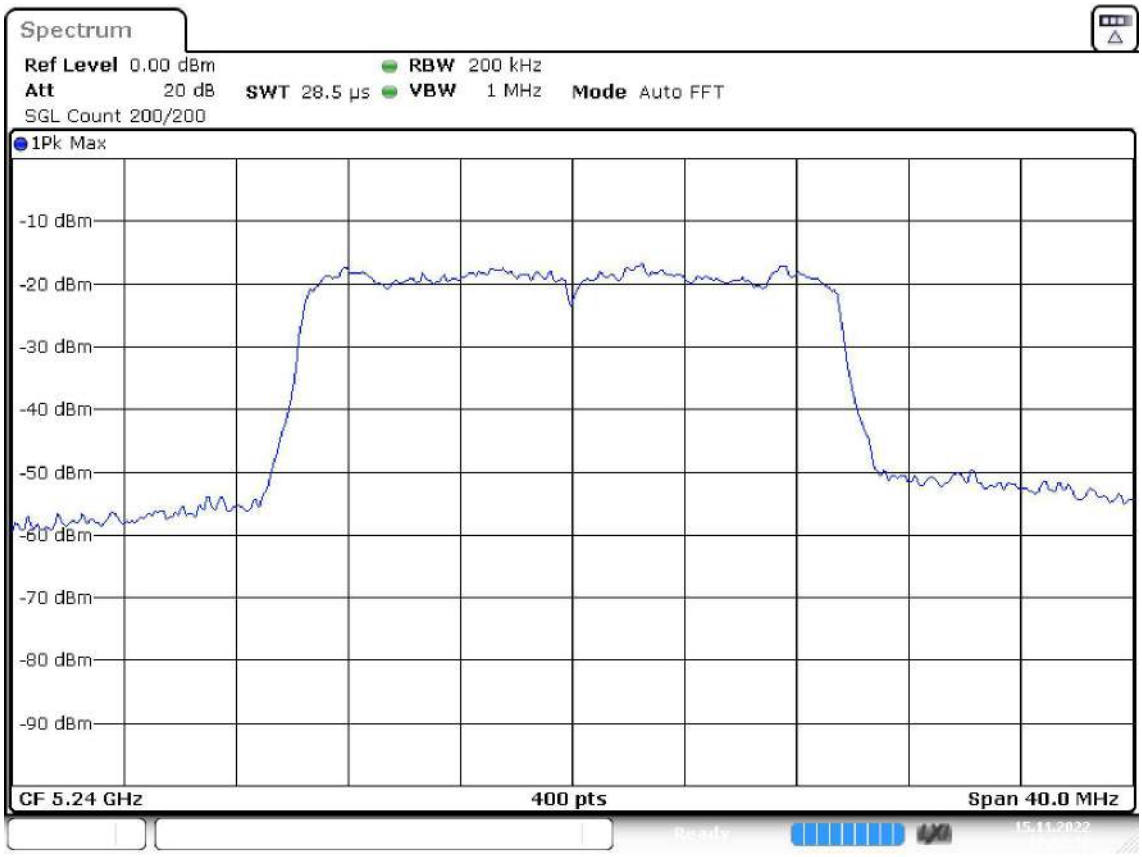




Date: 15.NOV.2022 16:52:28

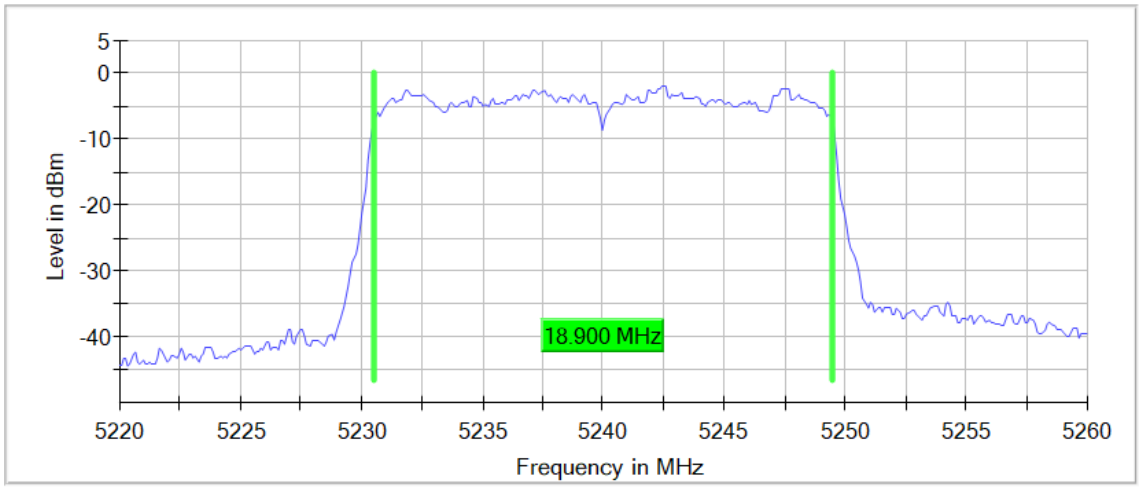
Active Port = 1, Frequency MHz = 5240.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:



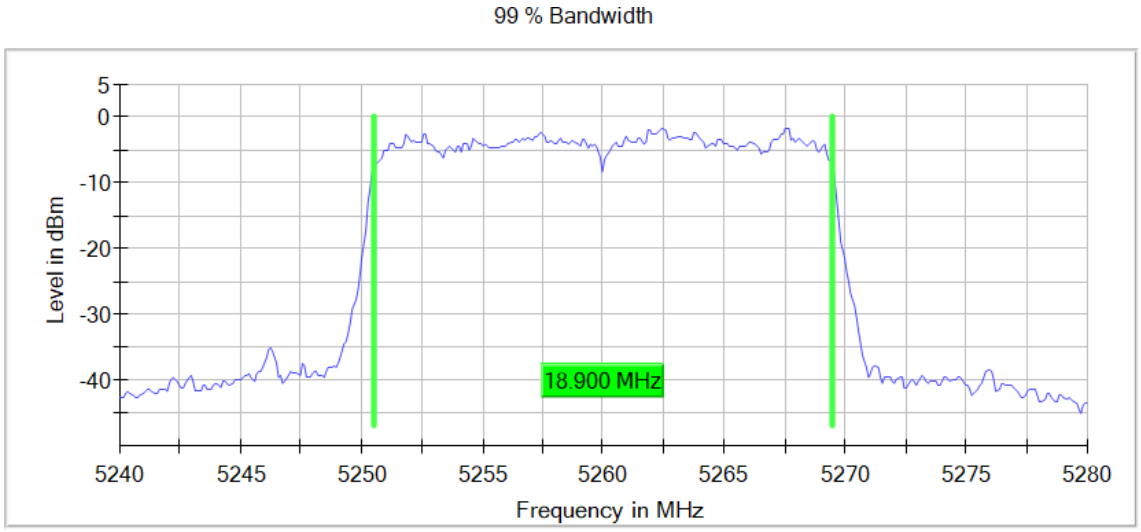
Date: 15.NOV.2022 17:02:17

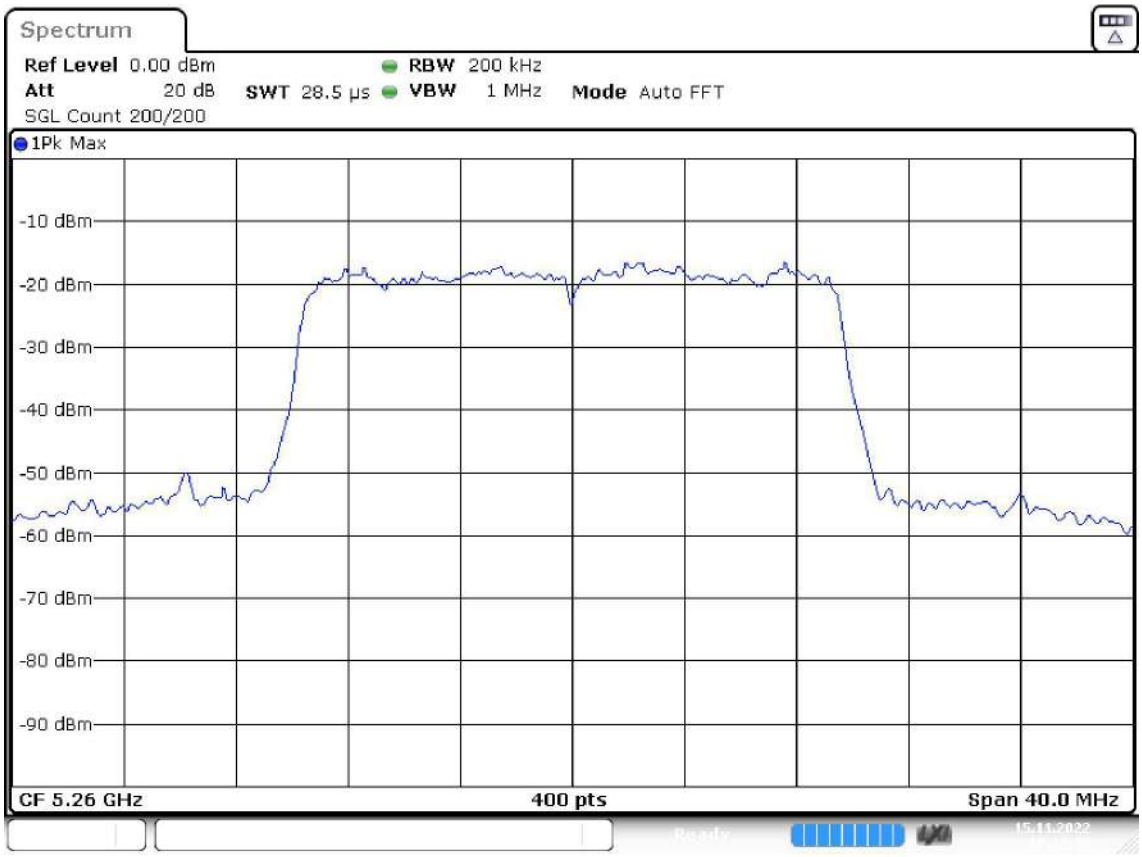
99 % Bandwidth



Active Port = 1, Frequency MHz = 5260.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

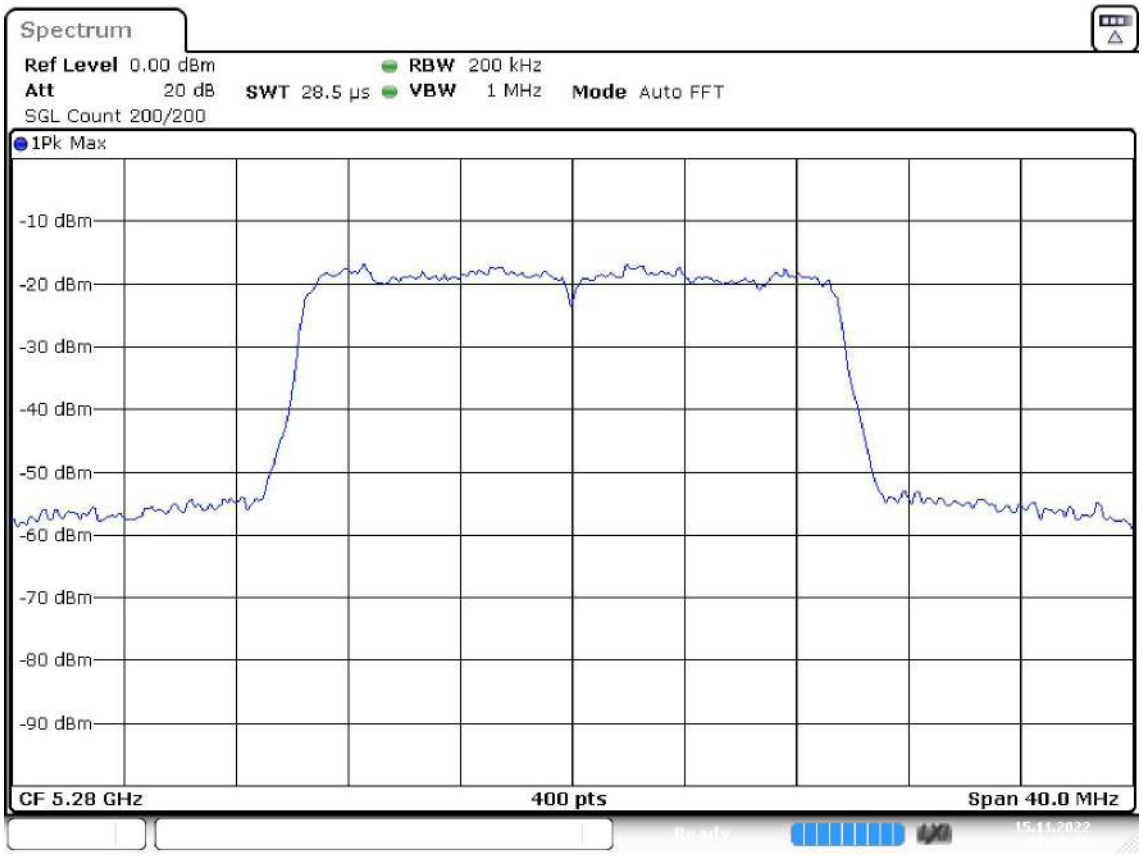




Date: 15.NOV.2022 17:12:42

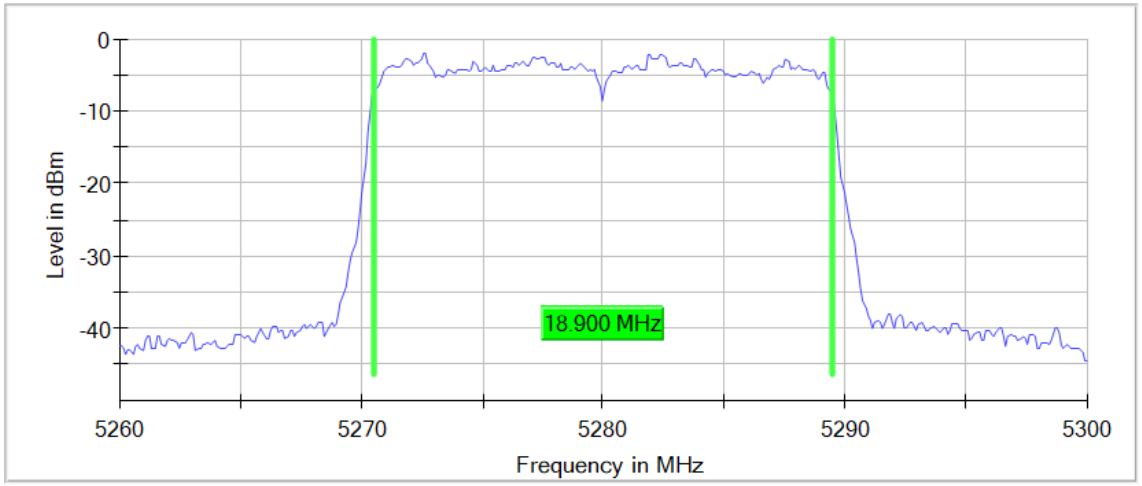
Active Port = 1, Frequency MHz = 5280.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:



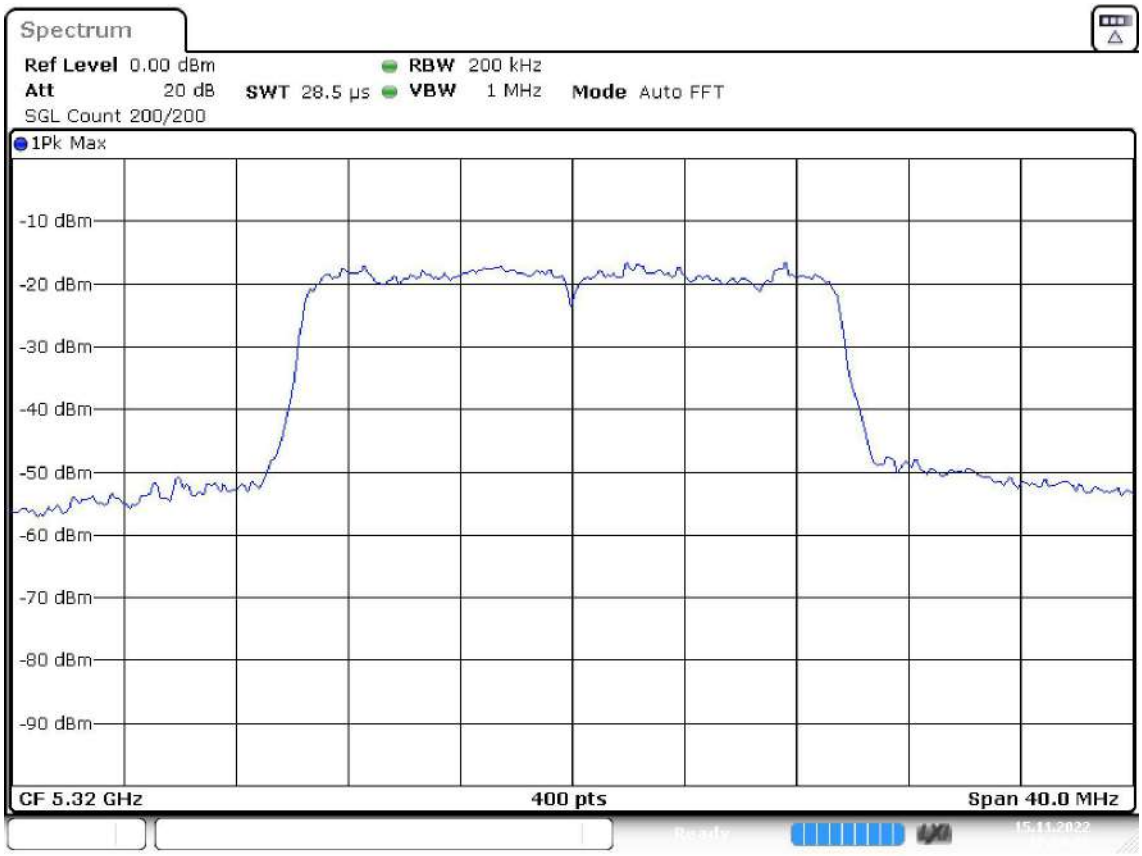
Date: 15.NOV.2022 17:25:01

99 % Bandwidth



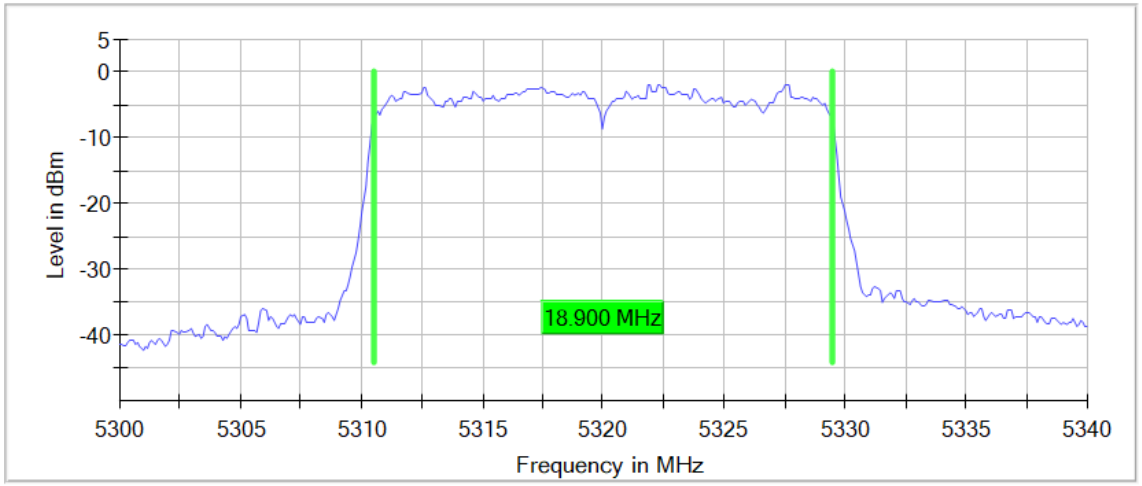
Active Port = 1, Frequency MHz = 5320.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:



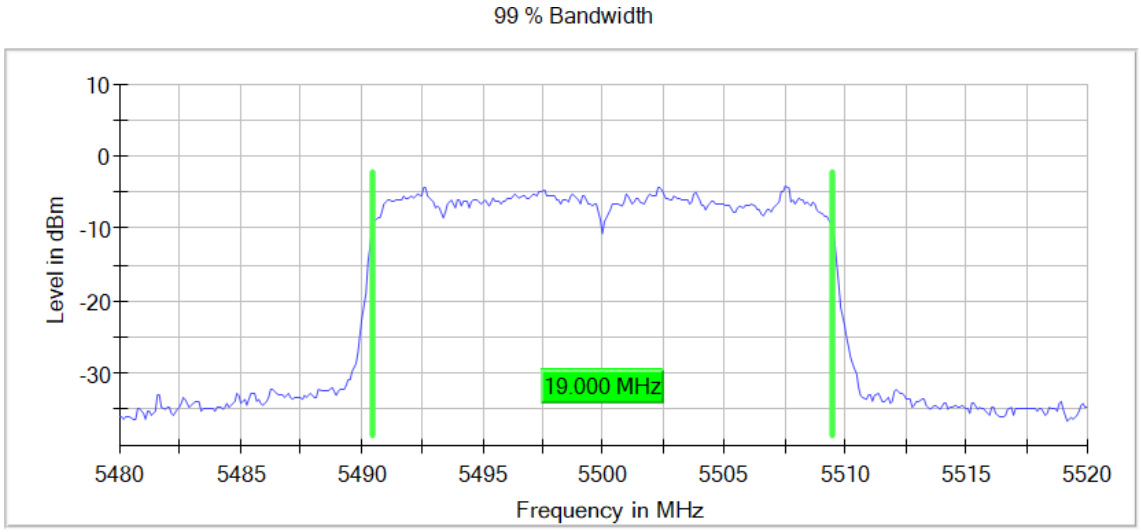
Date: 15.NOV.2022 17:34:59

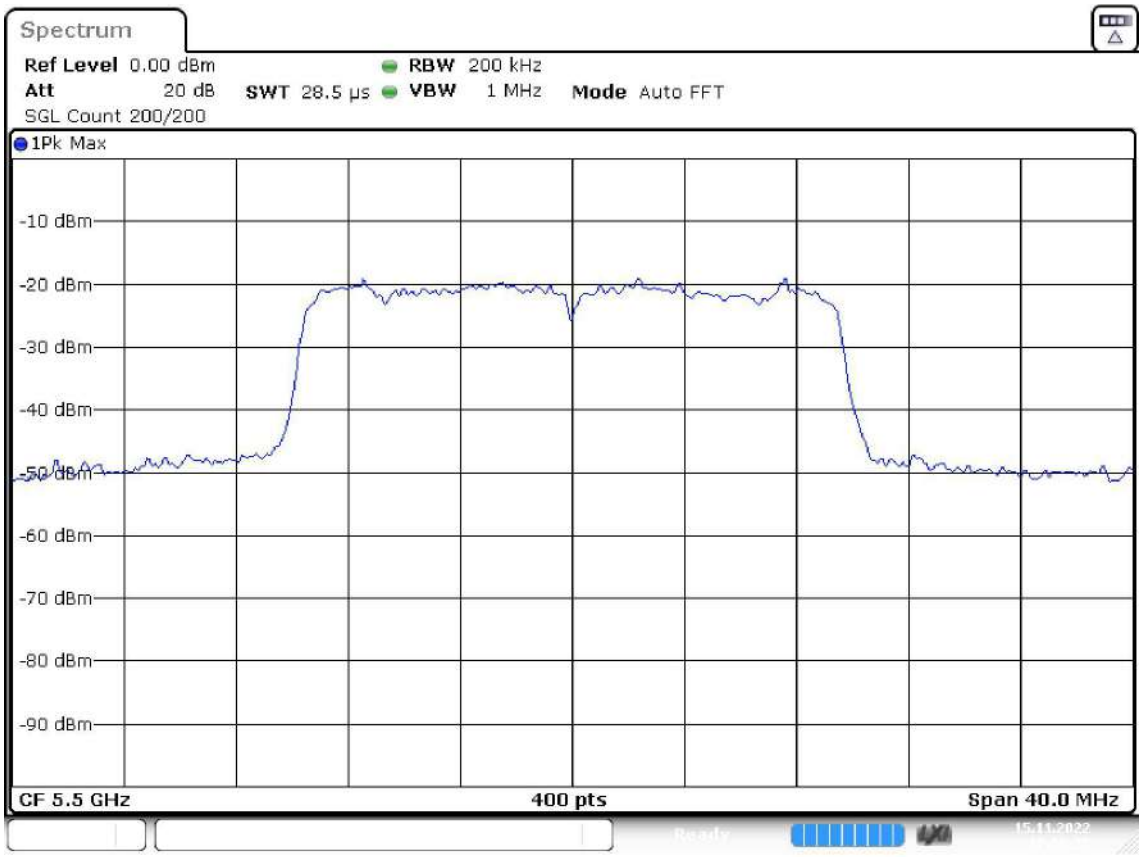
99 % Bandwidth



Active Port = 1, Frequency MHz = 5500.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

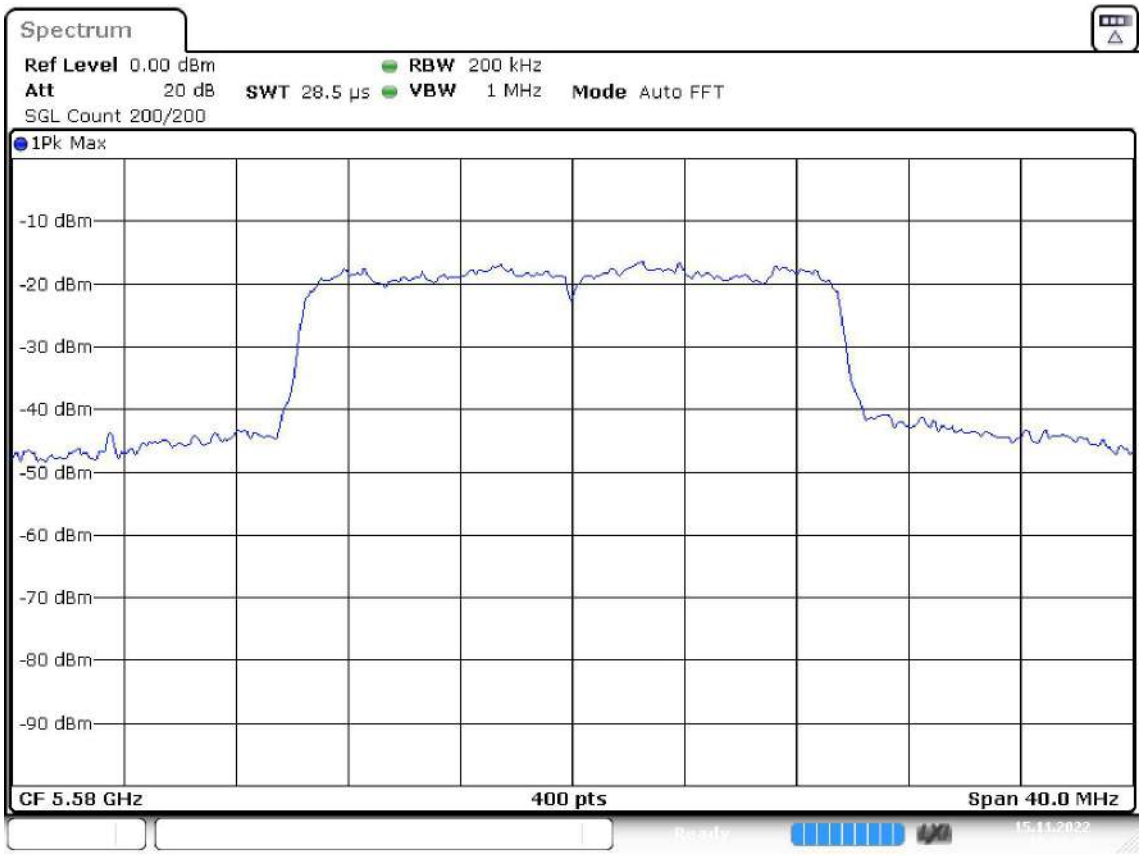




Date: 15.NOV.2022 17:56:25

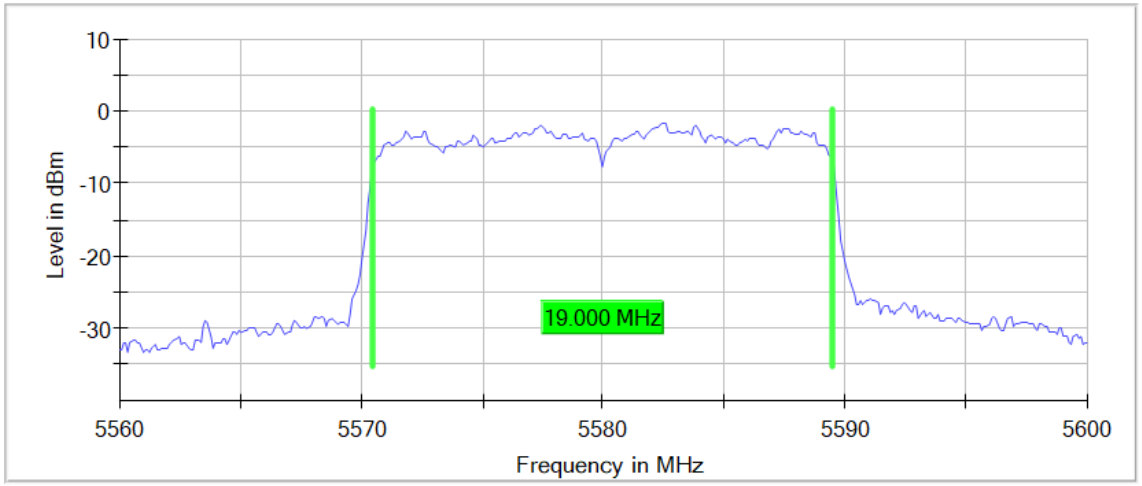
Active Port = 1, Frequency MHz = 5580.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:



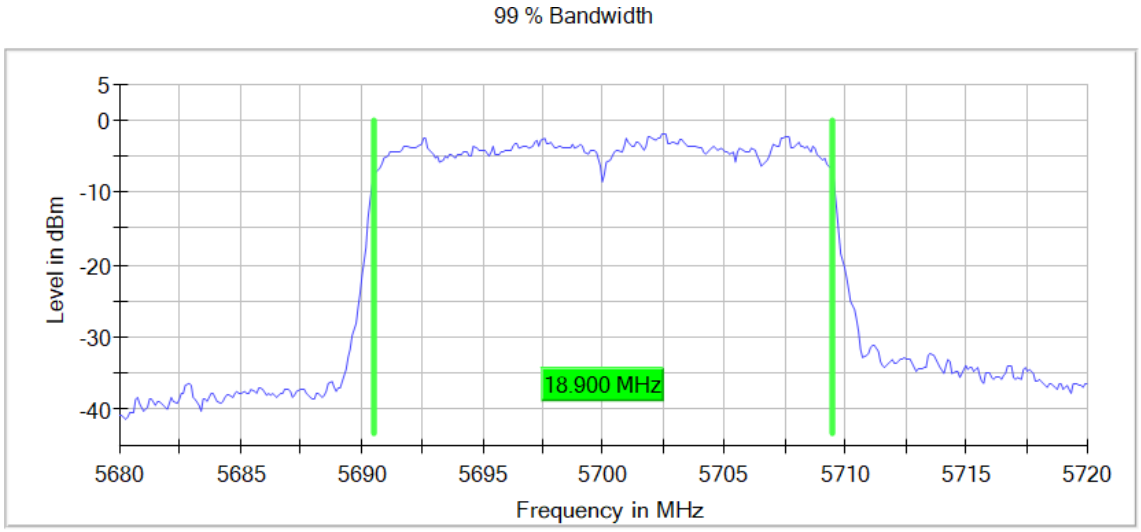
Date: 15.NOV.2022 18:08:03

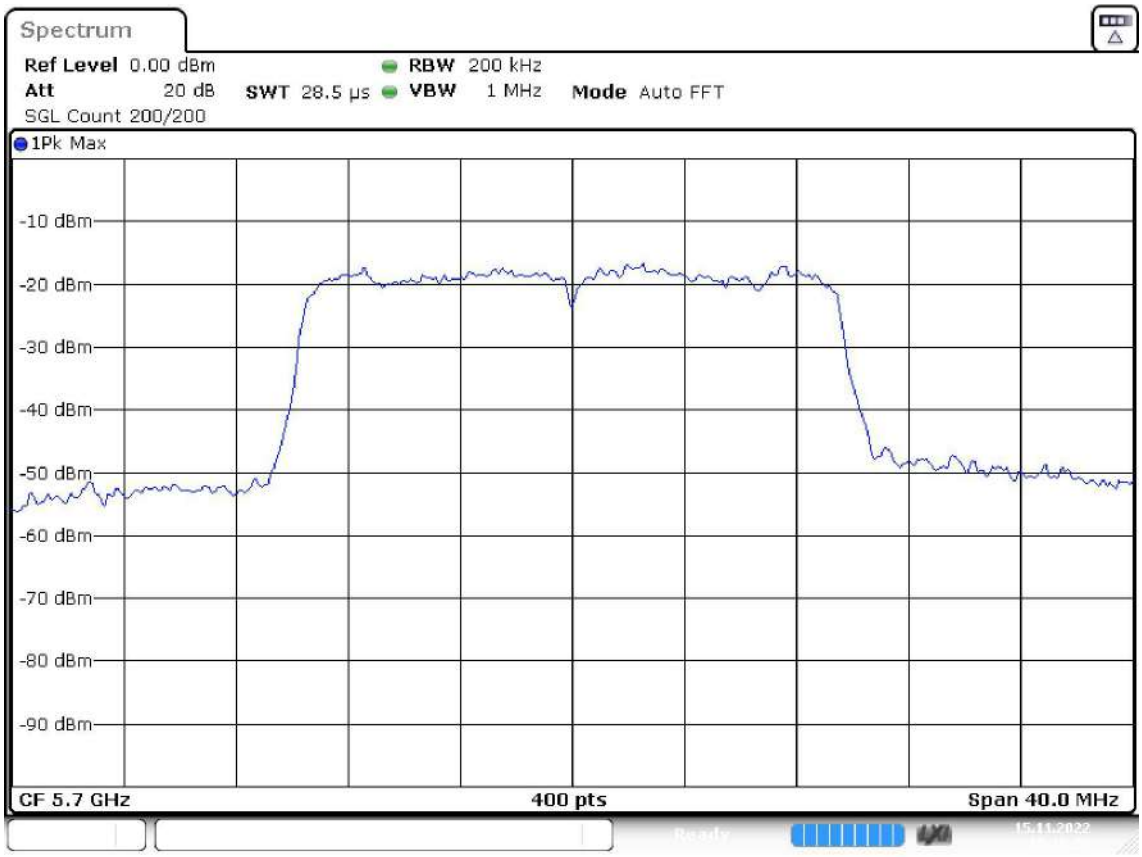
99 % Bandwidth



Active Port = 1, Frequency MHz = 5700.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

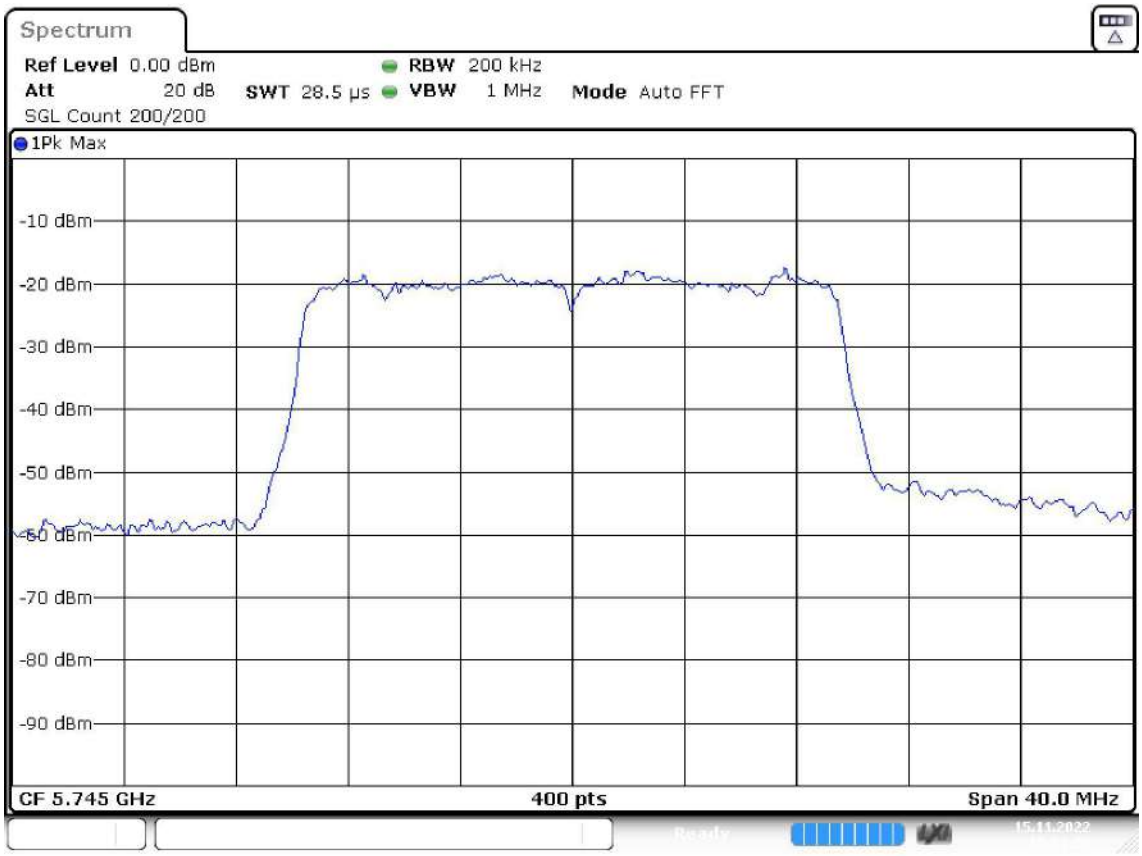




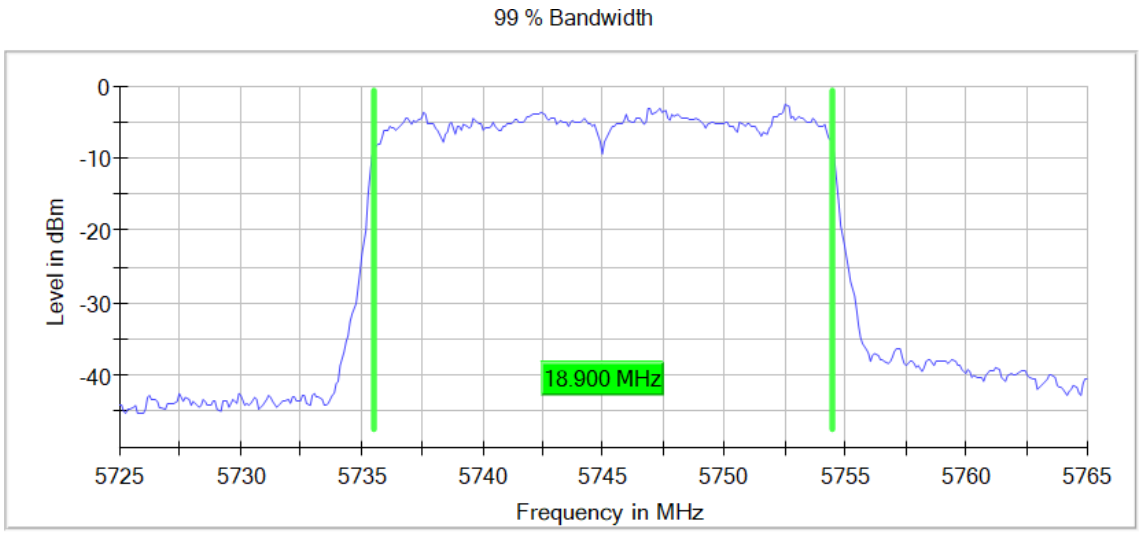
Date: 15.NOV.2022 18:16:37

Active Port = 1, Frequency MHz = 5745.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

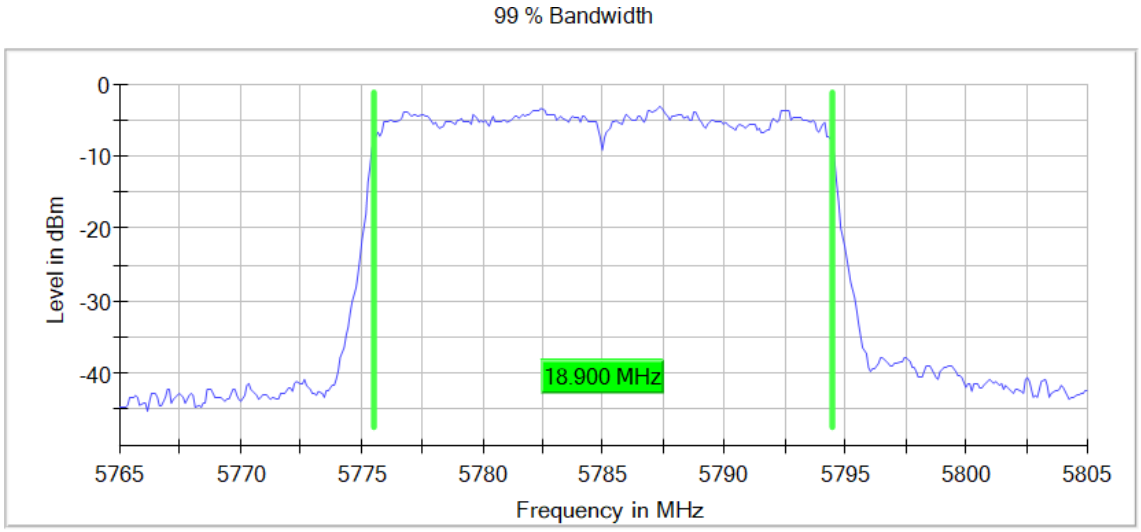


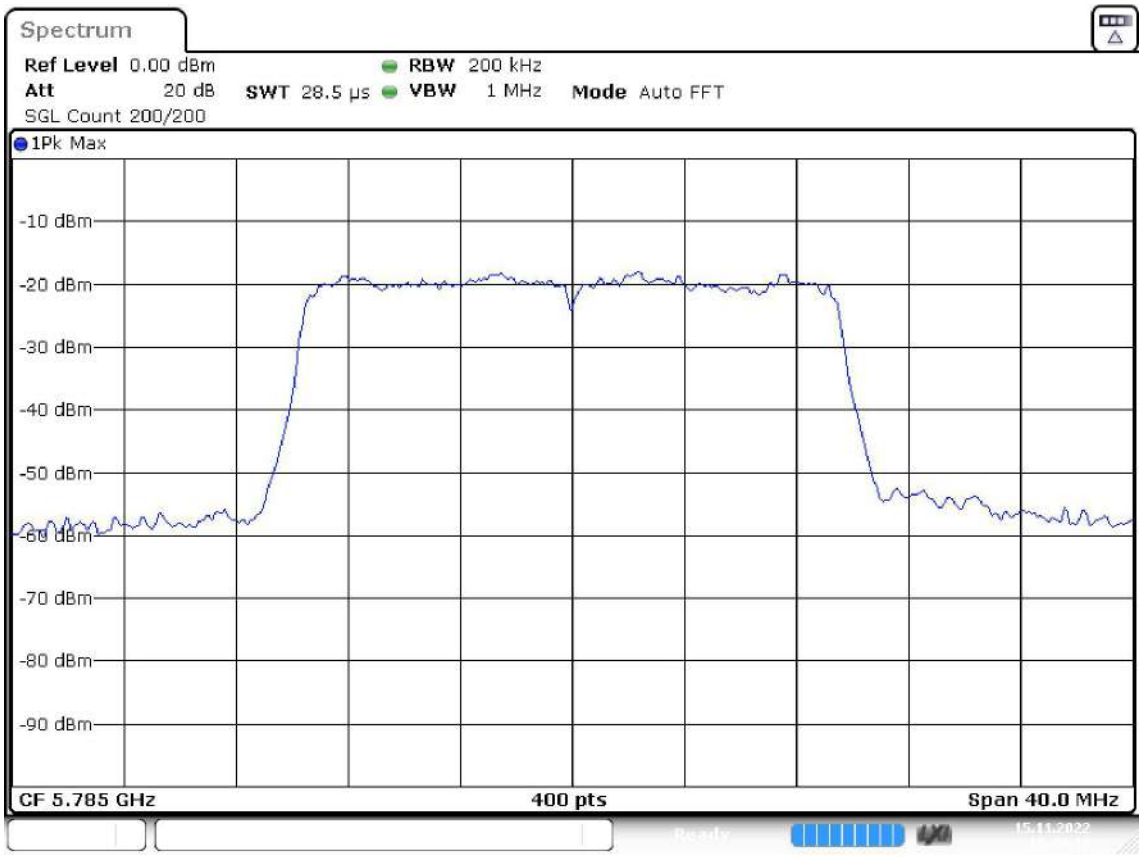
Date: 15.NOV.2022 18:31:38



Active Port = 1, Frequency MHz = 5785.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

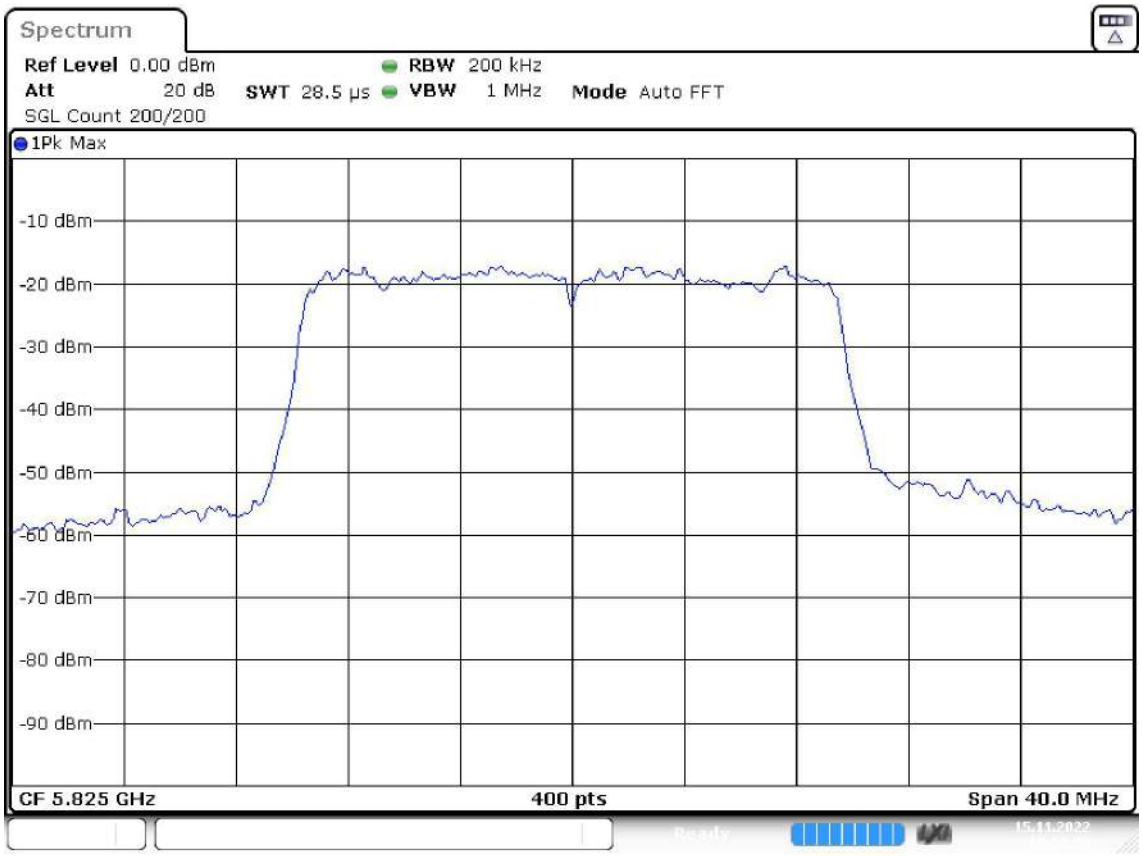




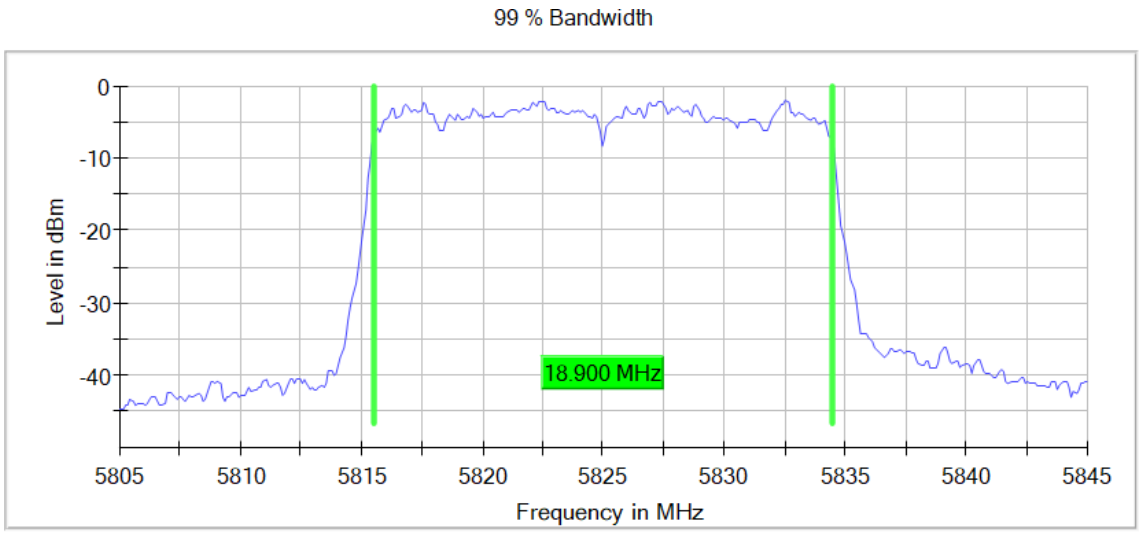
Date: 15.NOV.2022 18:44:17

Active Port = 1, Frequency MHz = 5825.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

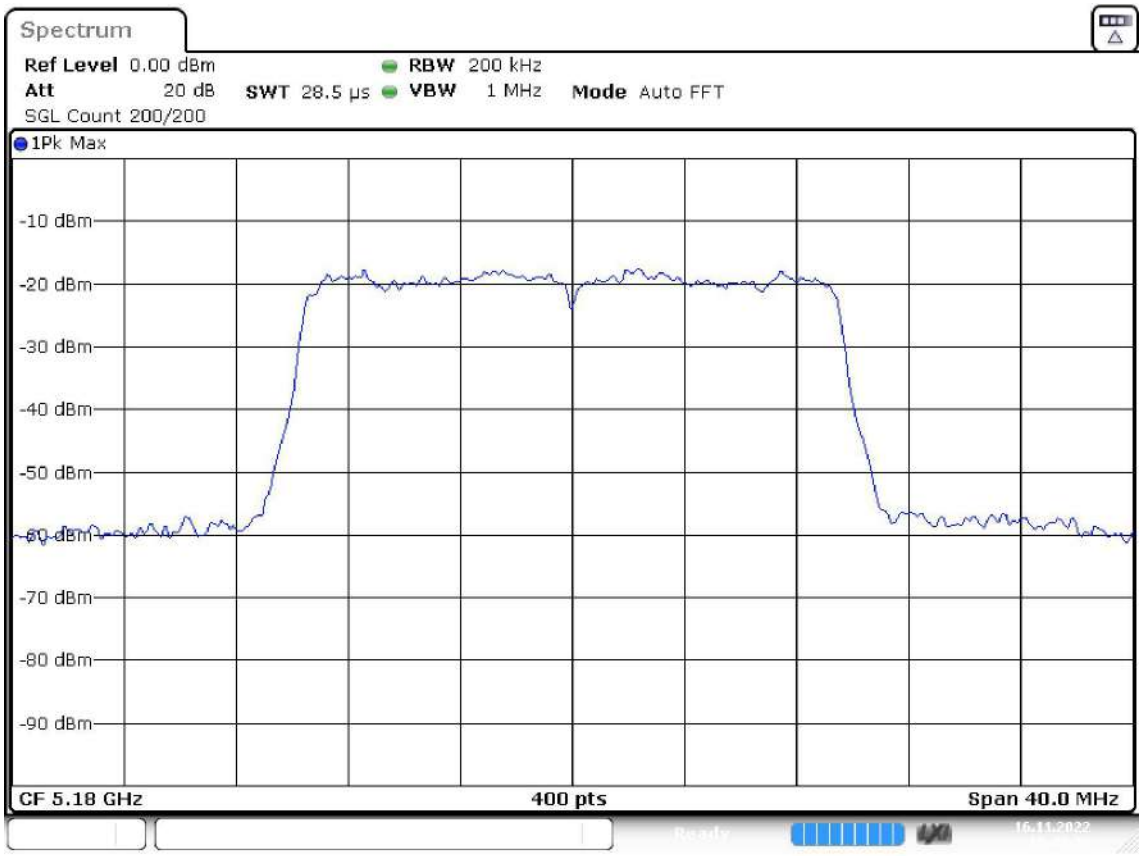


Date: 15.NOV.2022 18:52:37

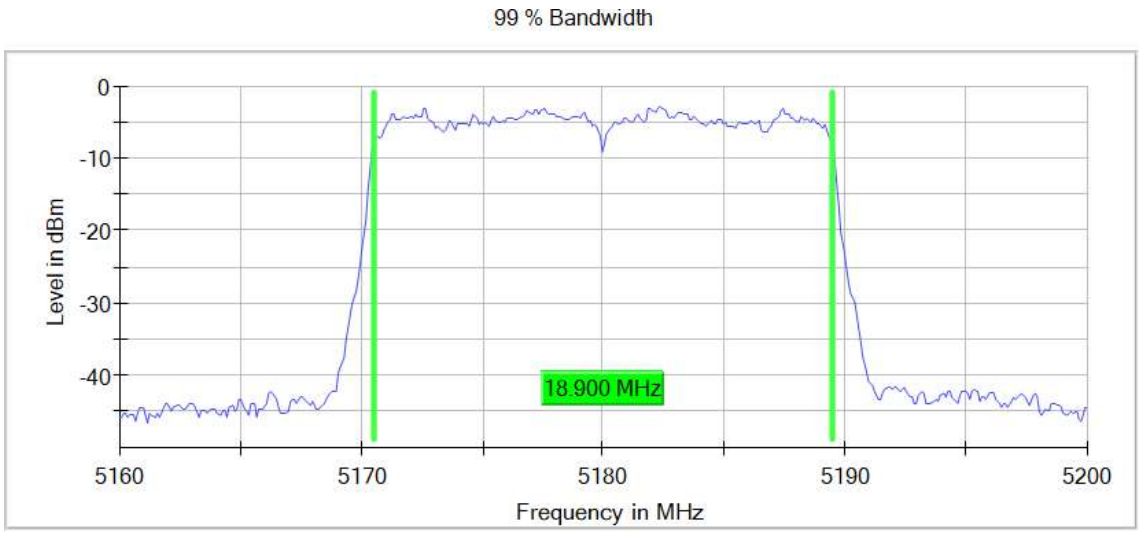


Active Port = 2, Frequency MHz = 5180.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

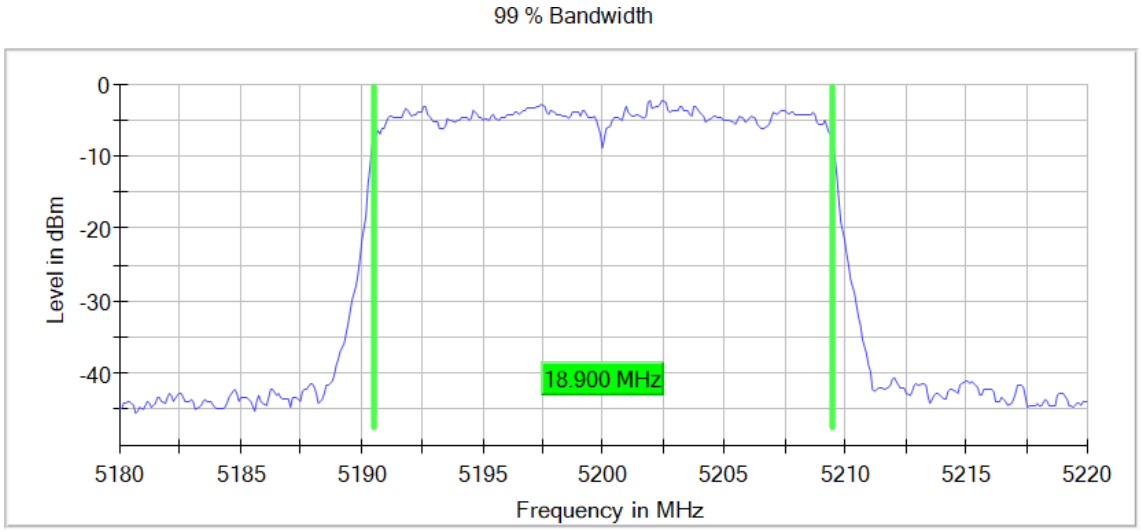


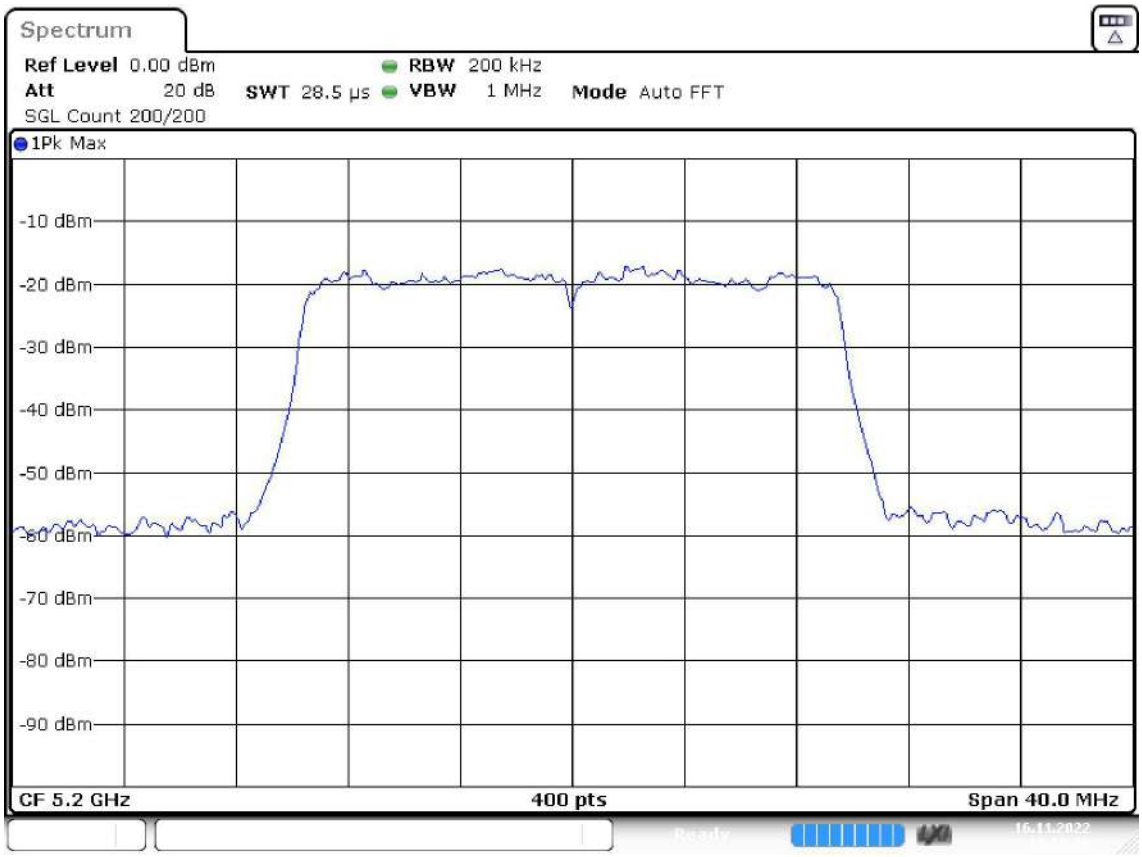
Date: 16.NOV.2022 19:43:52



Active Port = 2, Frequency MHz = 5200.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

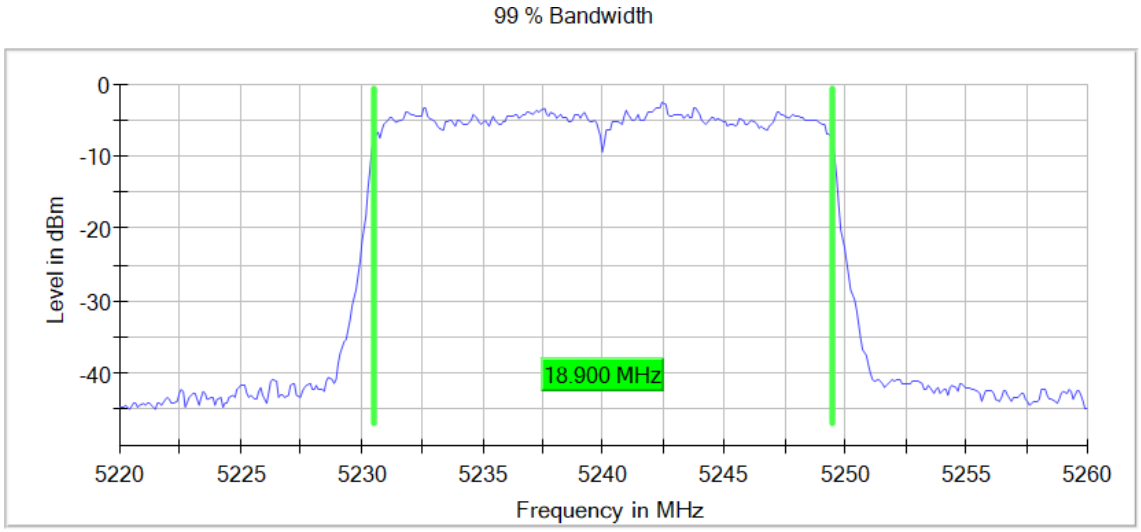


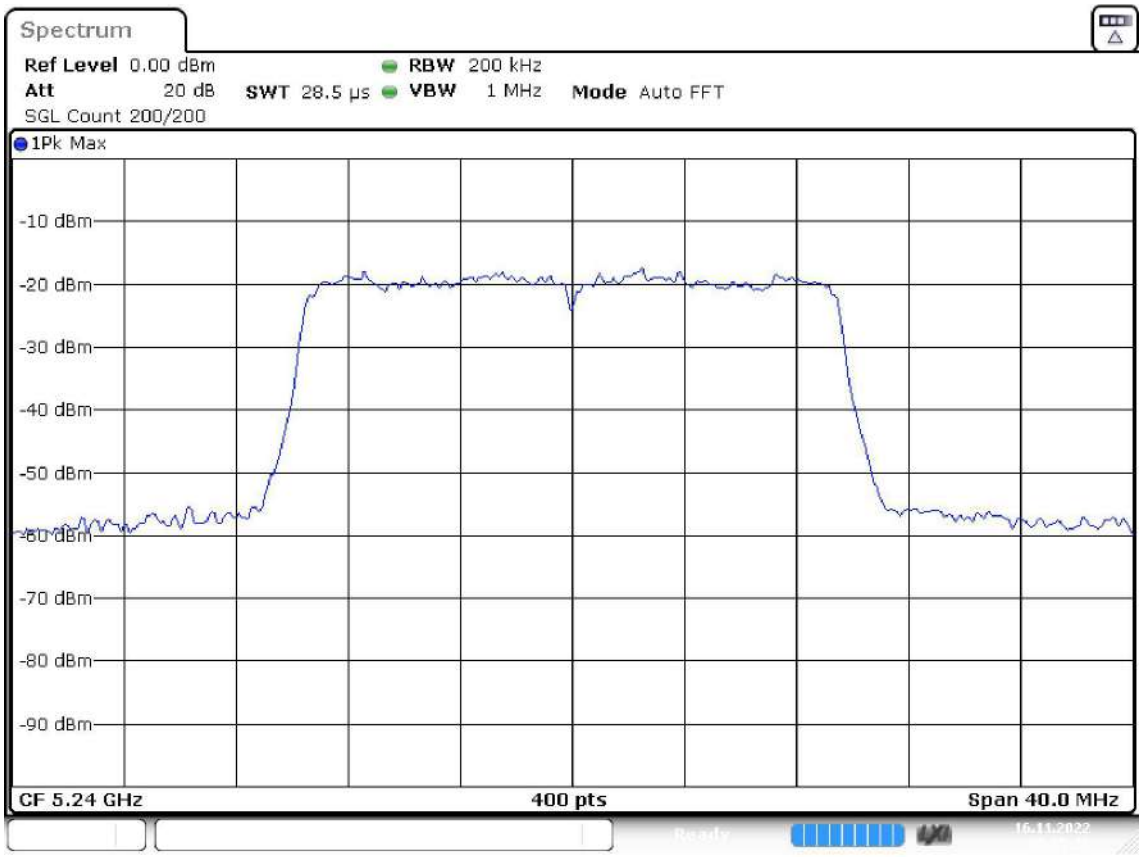


Date: 16.NOV.2022 19:56:00

Active Port = 2, Frequency MHz = 5240.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

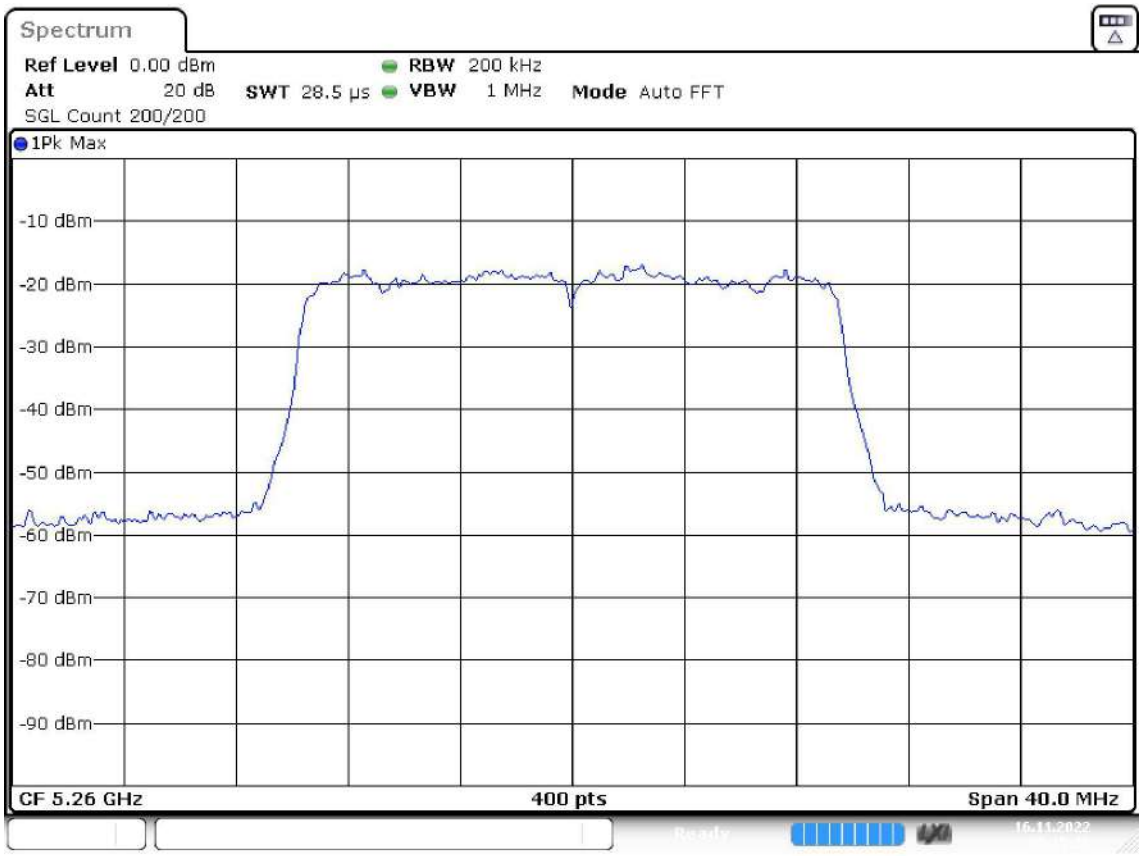




Date: 16.NOV.2022 20:05:27

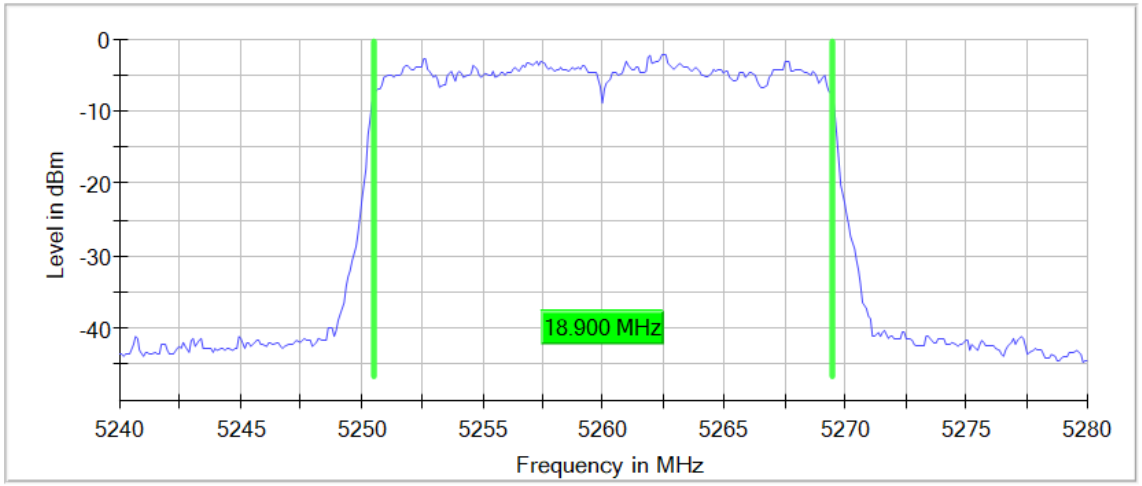
Active Port = 2, Frequency MHz = 5260.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:



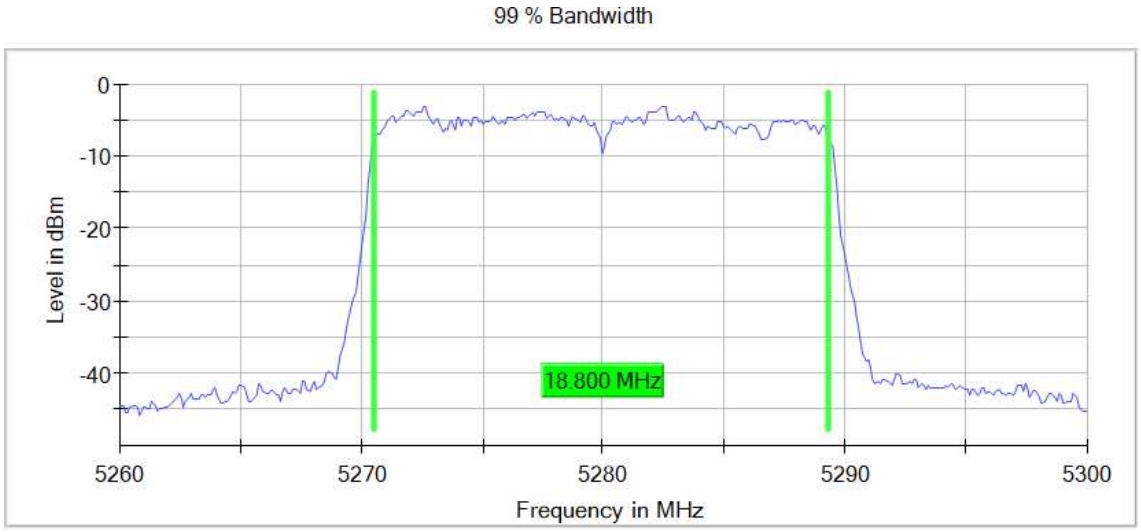
Date: 16.NOV.2022 20:15:26

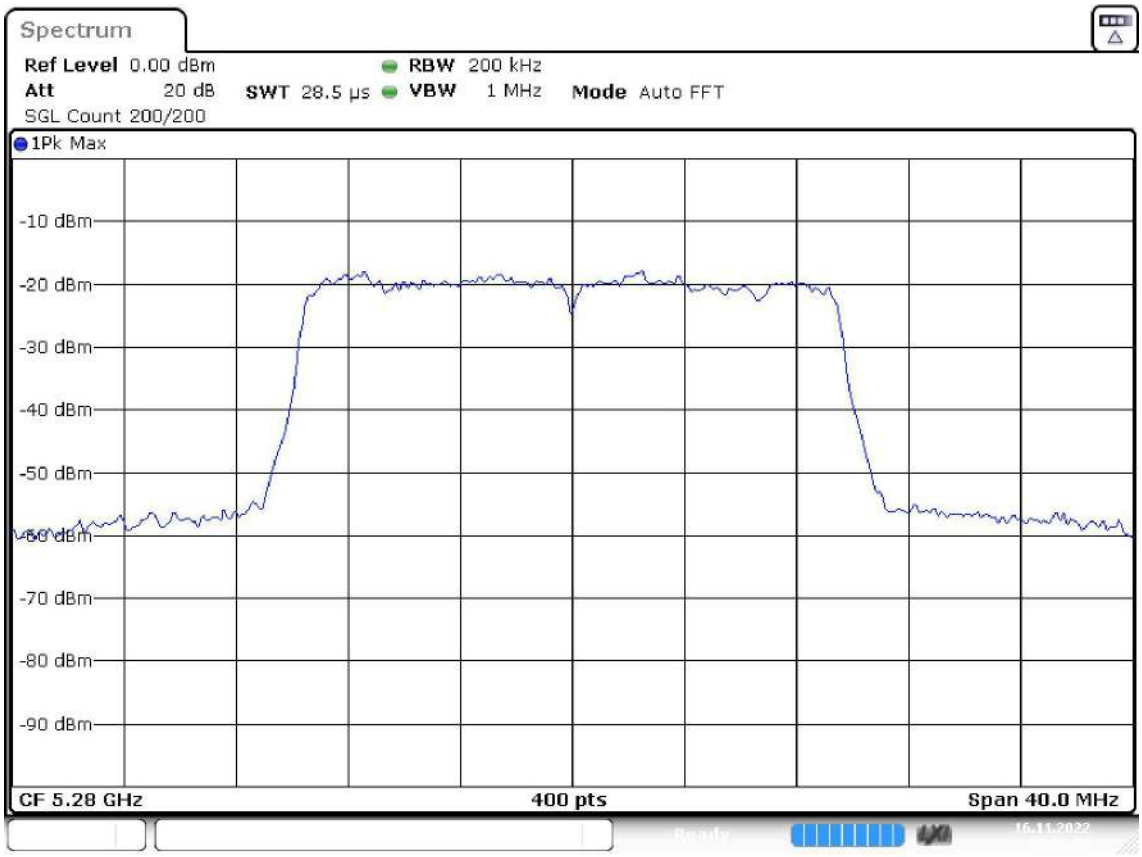
99 % Bandwidth



Active Port = 2, Frequency MHz = 5280.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

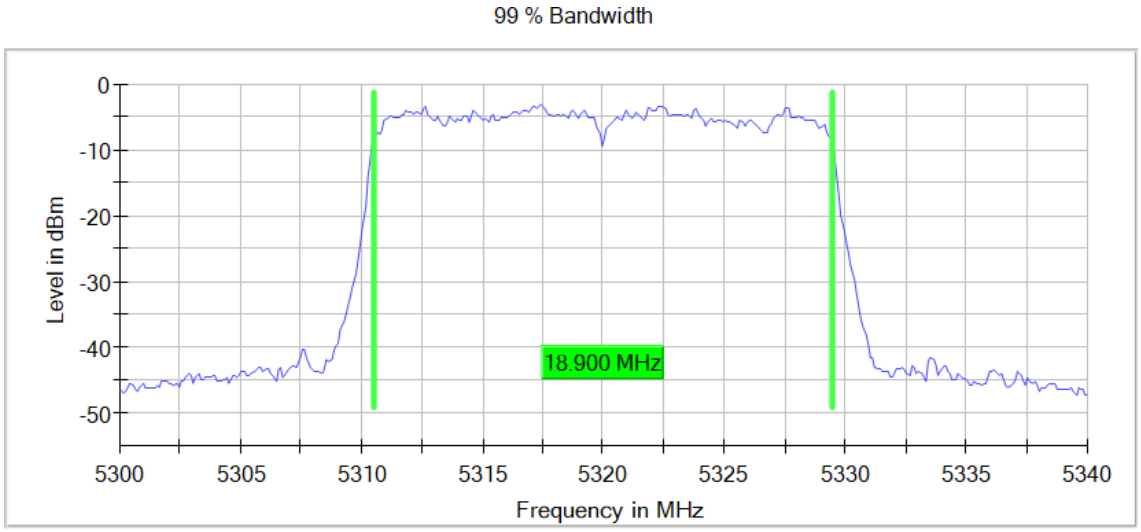


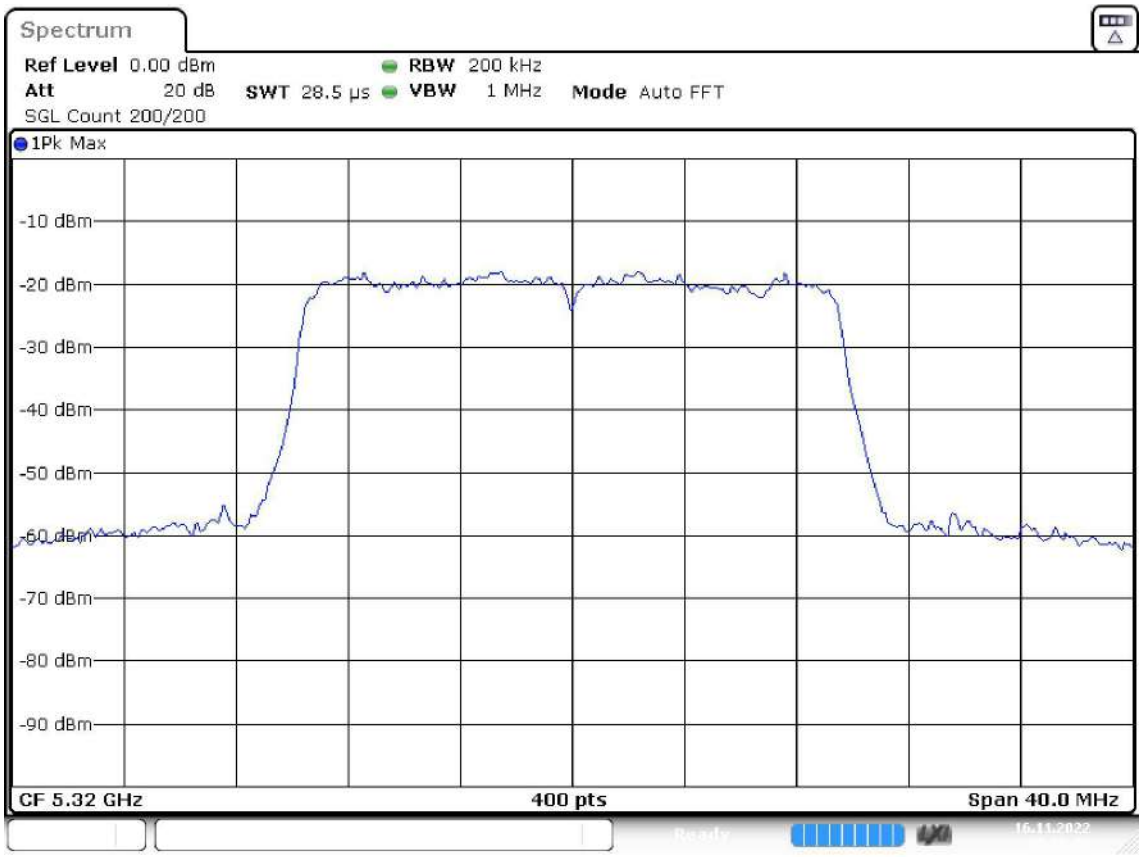


Date: 16.NOV.2022 20:26:53

Active Port = 2, Frequency MHz = 5320.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

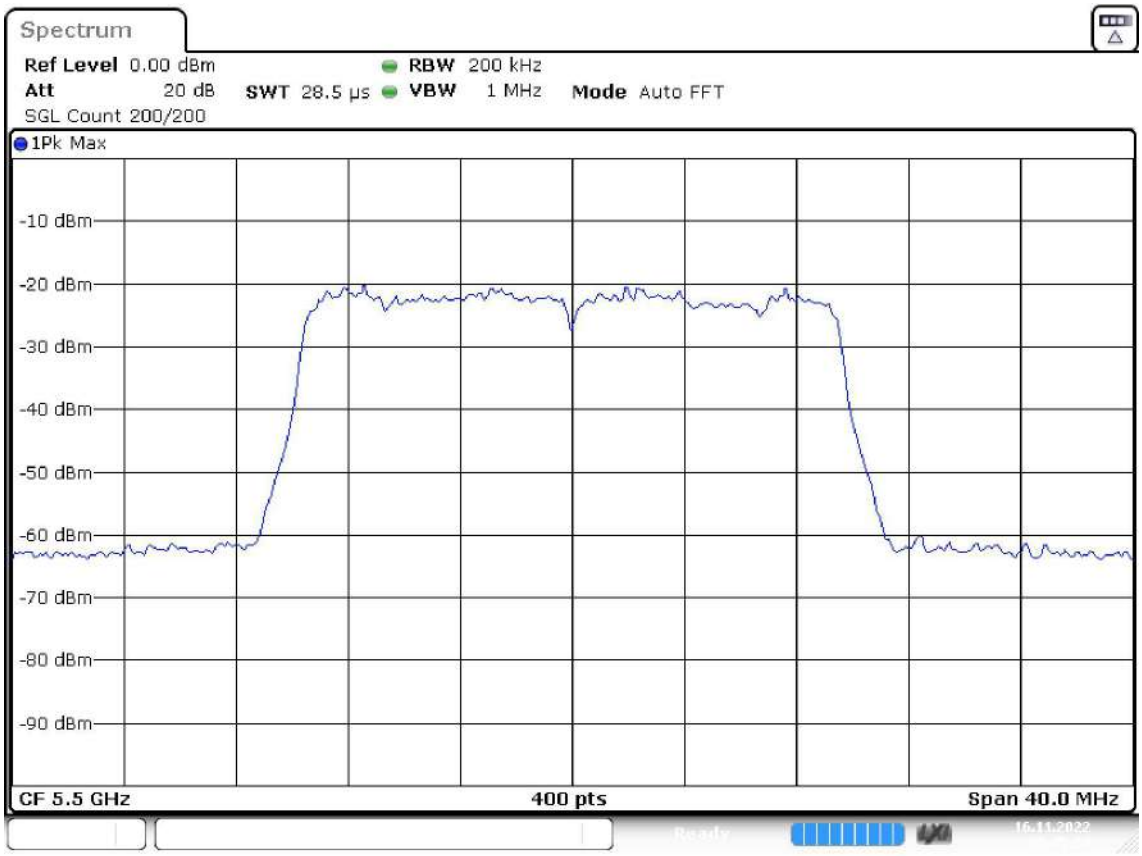




Date: 16.NOV.2022 20:36:02

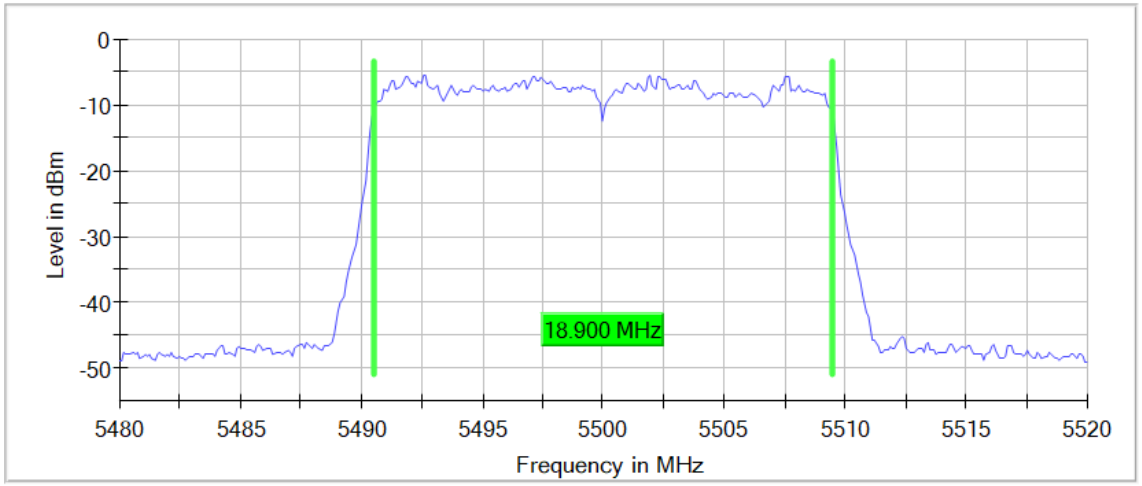
Active Port = 2, Frequency MHz = 5500.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:



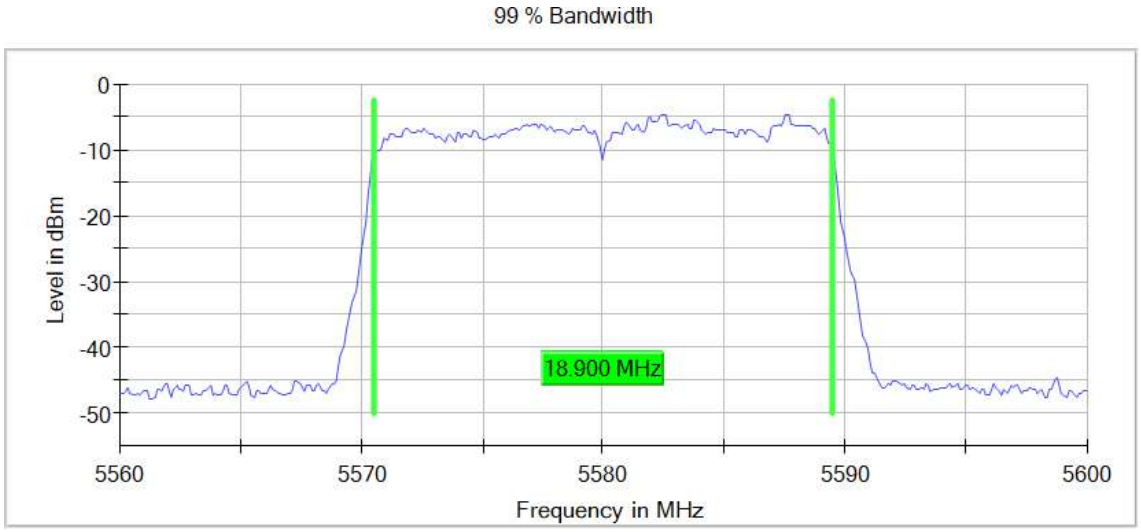
Date: 16.NOV.2022 20:45:34

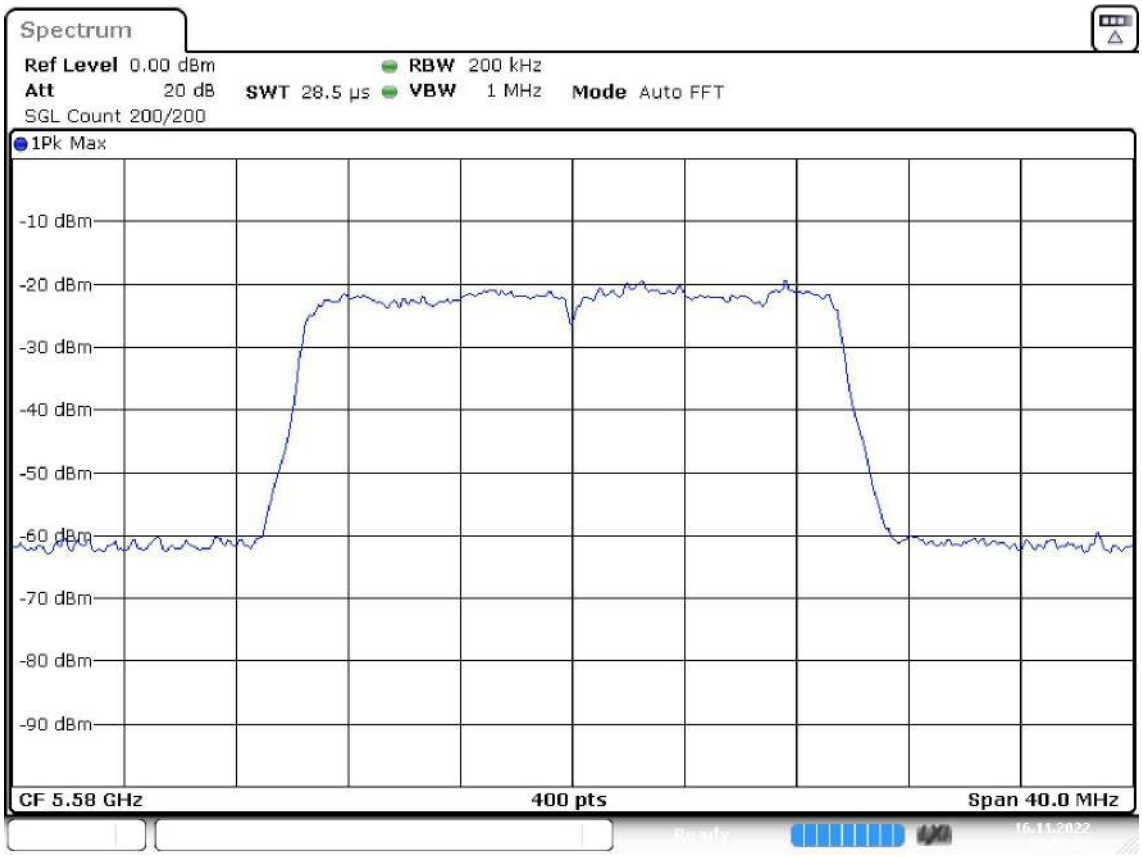
99 % Bandwidth



Active Port = 2, Frequency MHz = 5580.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

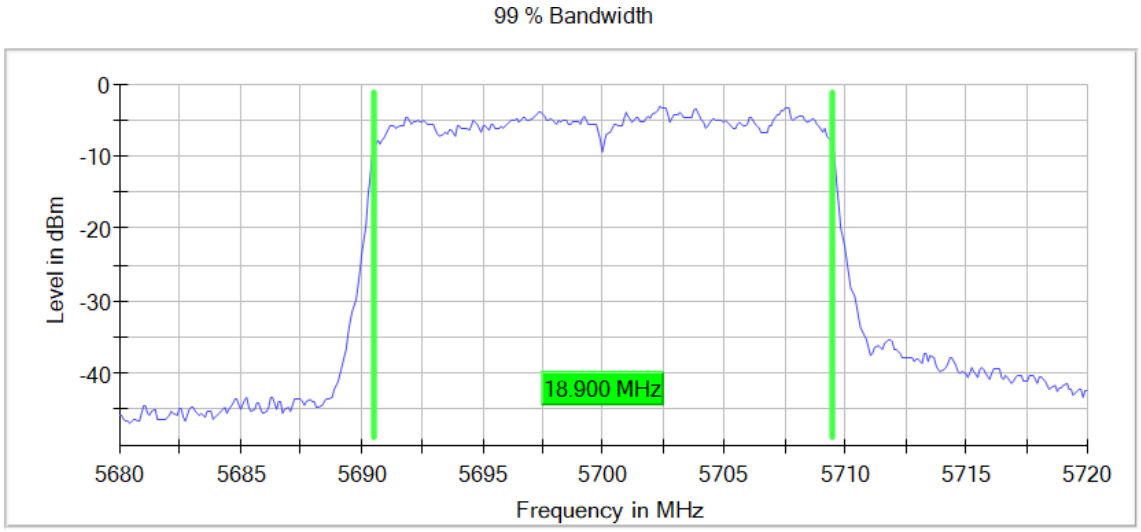


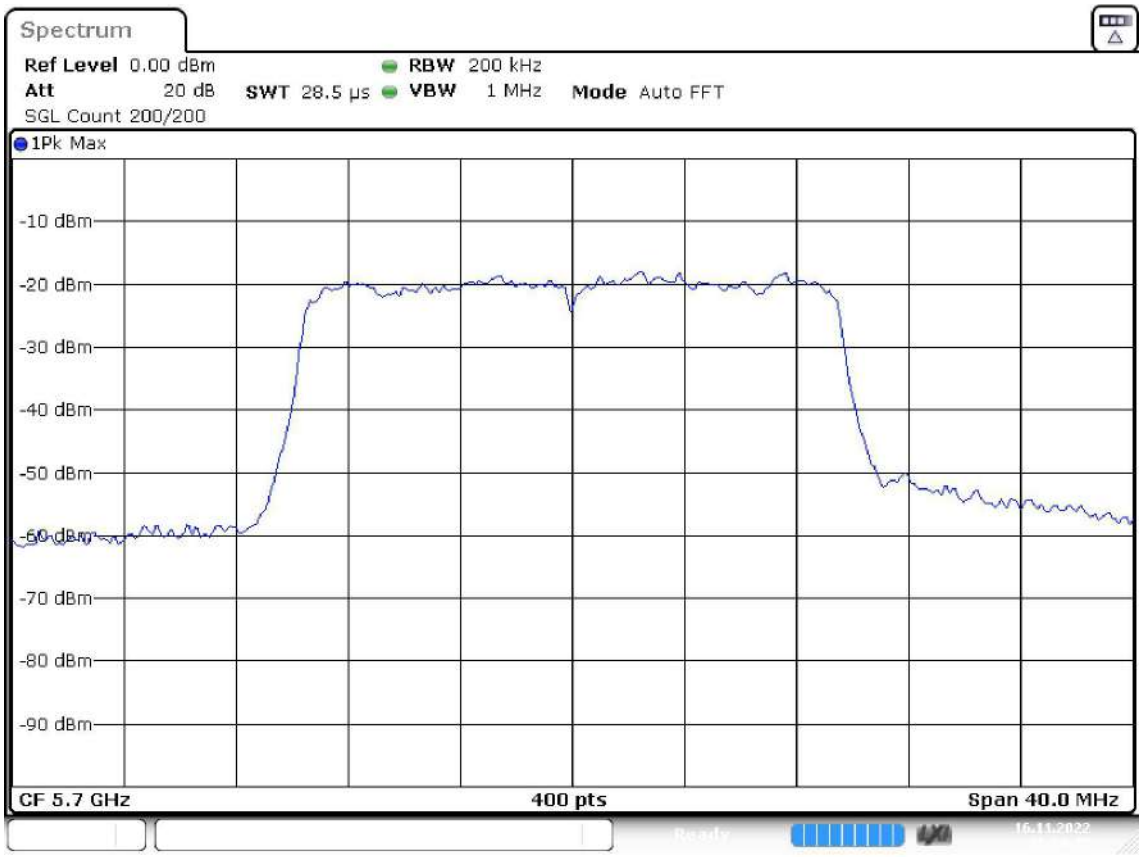


Date: 16.NOV.2022 20:55:33

Active Port = 2, Frequency MHz = 5700.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

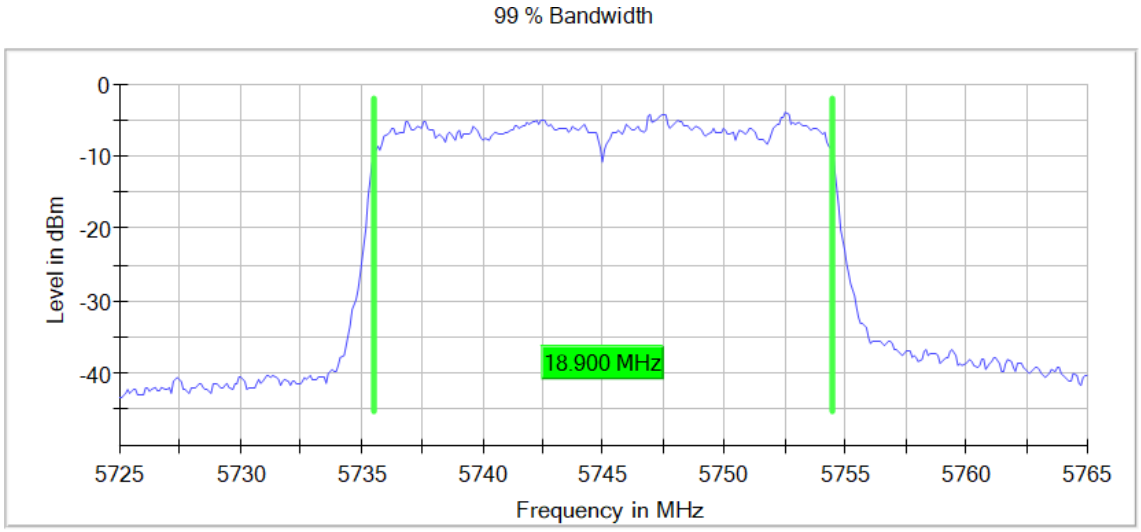


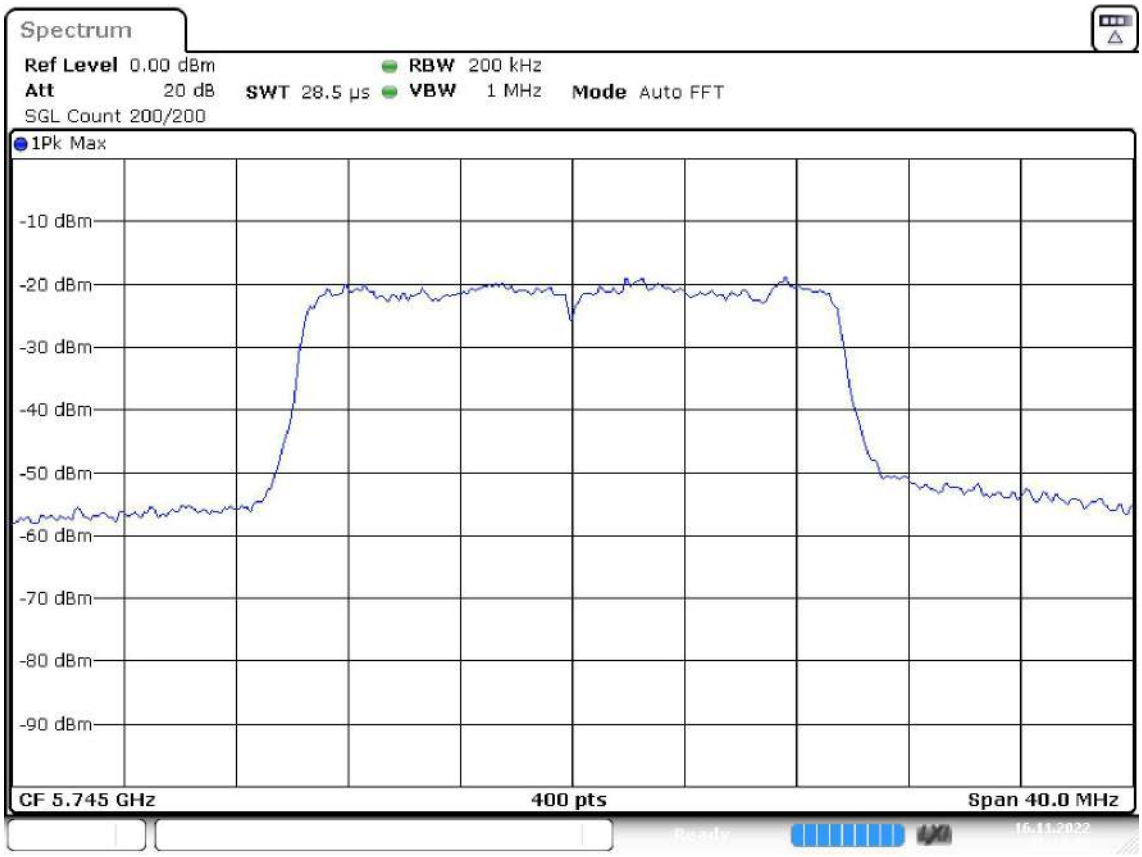


Date: 16.NOV.2022 21:04:45

Active Port = 2, Frequency MHz = 5745.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

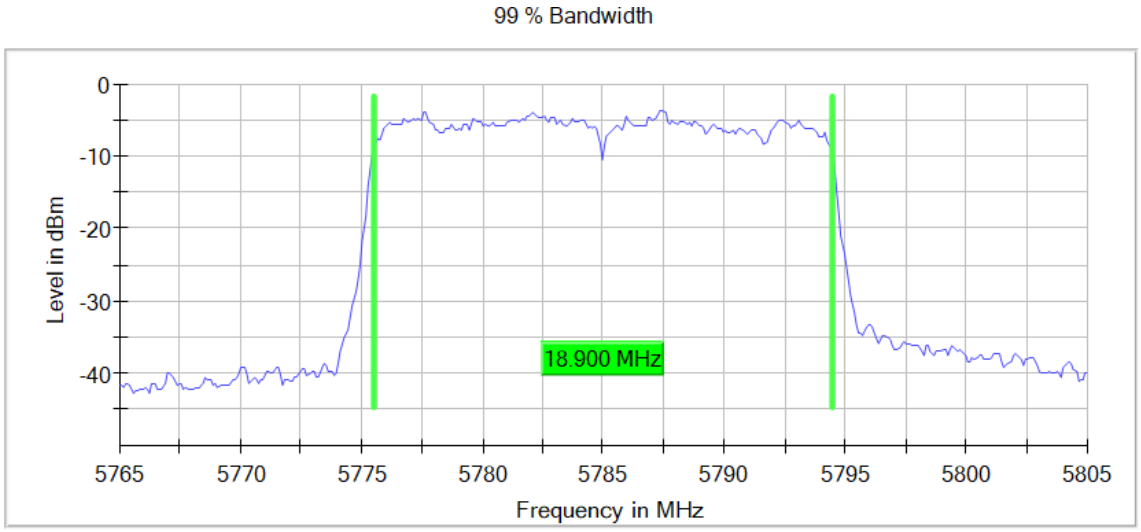


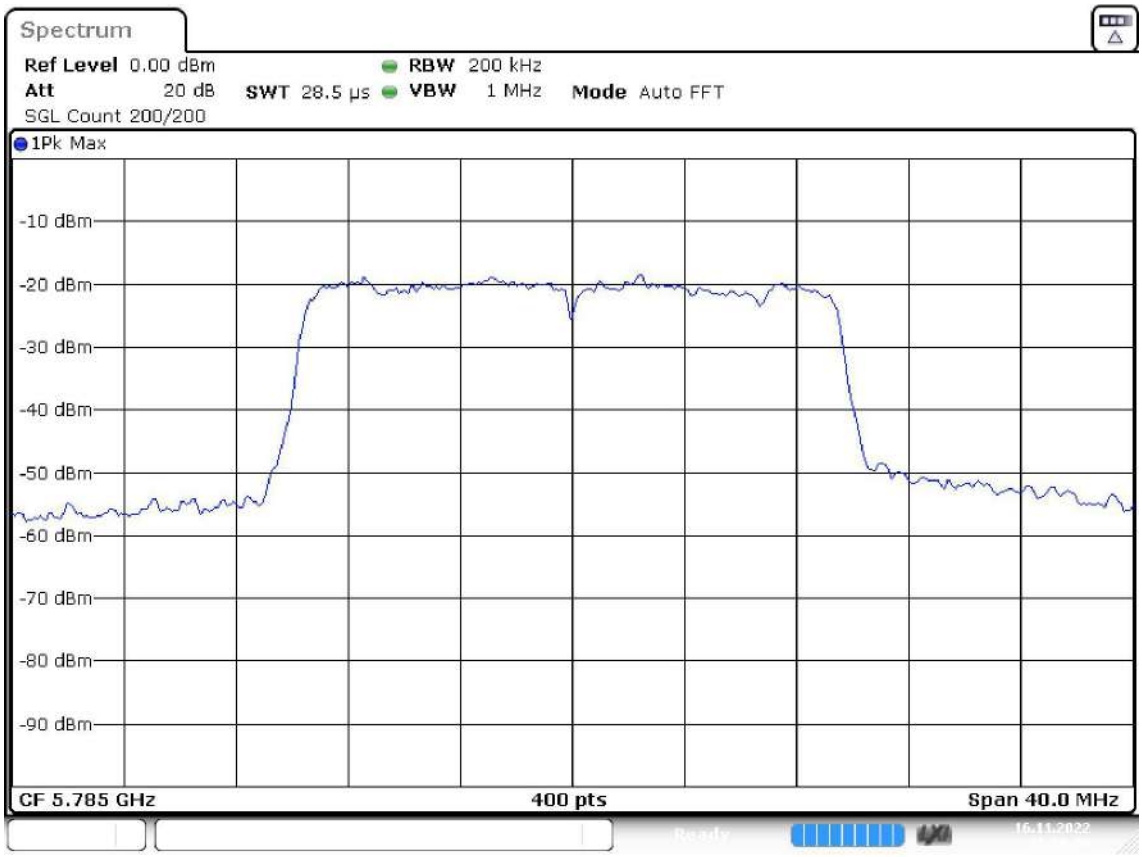


Date: 16.NOV.2022 21:18:02

Active Port = 2, Frequency MHz = 5785.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:

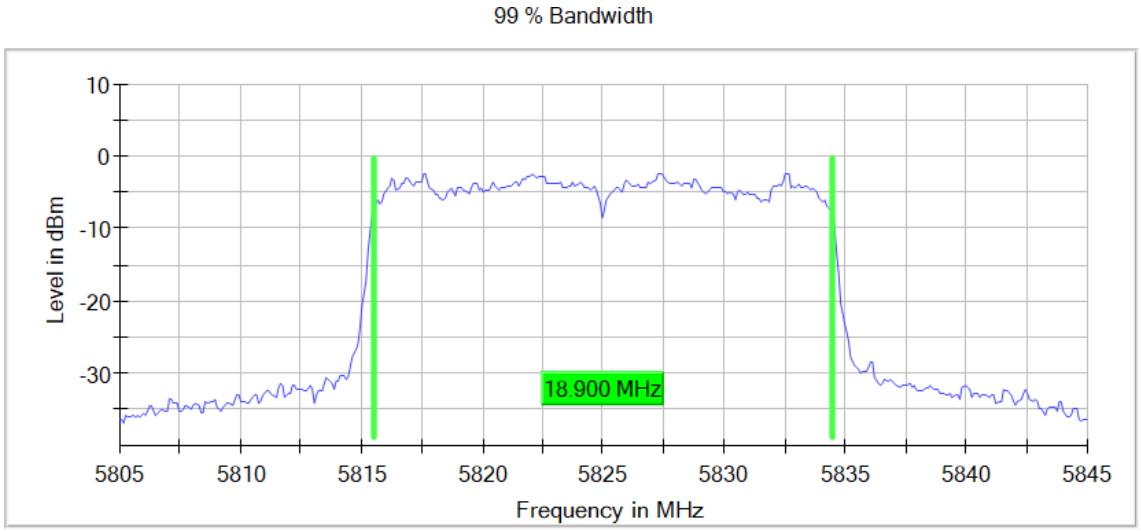


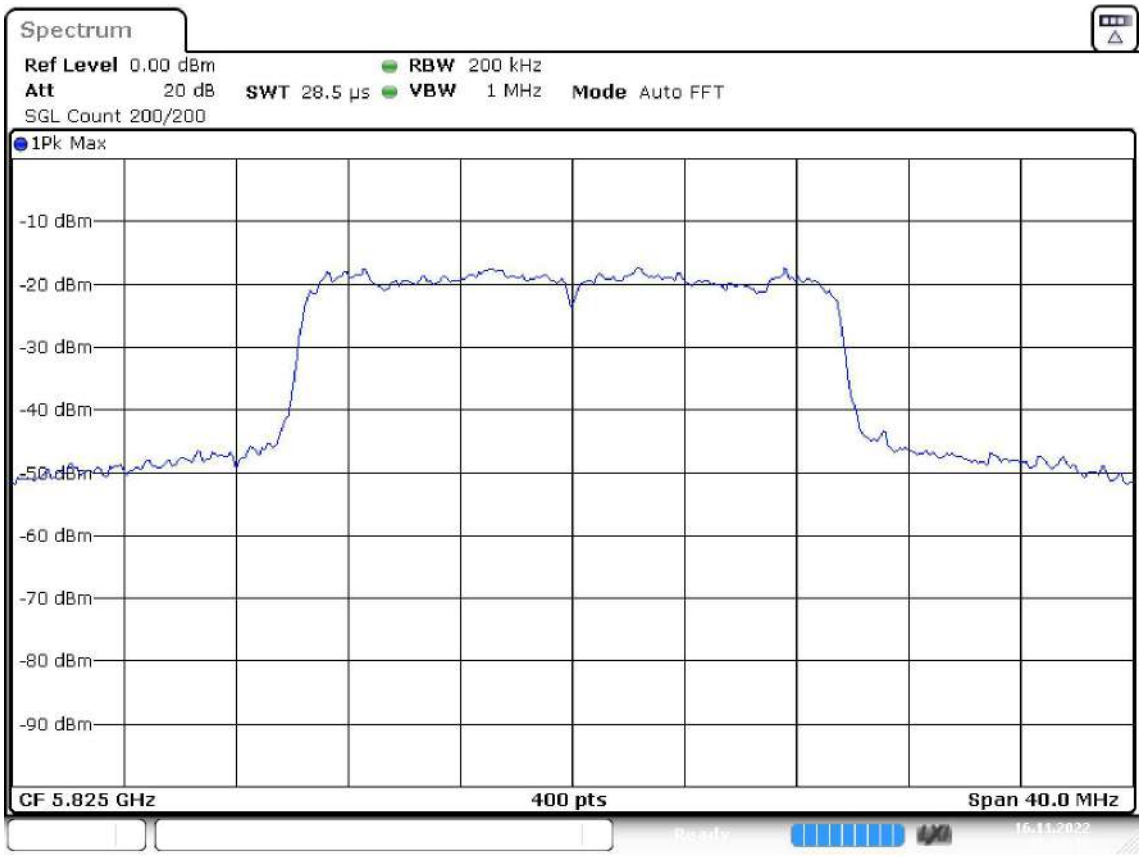


Date: 16.NOV.2022 21:30:04

Active Port = 2, Frequency MHz = 5825.00000, Modulation = 802.11ax HE20 SS1 (OFDMA MCS8), Mode = SISO, Number of Transmission Chains = 1

Images:





Date: 16.NOV.2022 21:38:20

Mode: SISO

Modulation: 802.11ax HE40 SS1 (OFDMA MCS9)

Results

Port	Freq (MHz)	# of Tx Chains	Occ Ch BW (MHz)
1	5190.00000	1	37.750
1	5230.00000	1	37.750
1	5270.00000	1	37.750
1	5310.00000	1	37.750
1	5510.00000	1	37.750
1	5550.00000	1	38.000
1	5670.00000	1	37.750
1	5755.00000	1	37.500
1	5795.00000	1	37.750
2	5190.00000	1	37.750
2	5230.00000	1	37.750
2	5270.00000	1	37.750
2	5310.00000	1	37.500
2	5510.00000	1	37.750
2	5550.00000	1	37.500
2	5670.00000	1	37.750
2	5755.00000	1	37.750
2	5795.00000	1	37.750

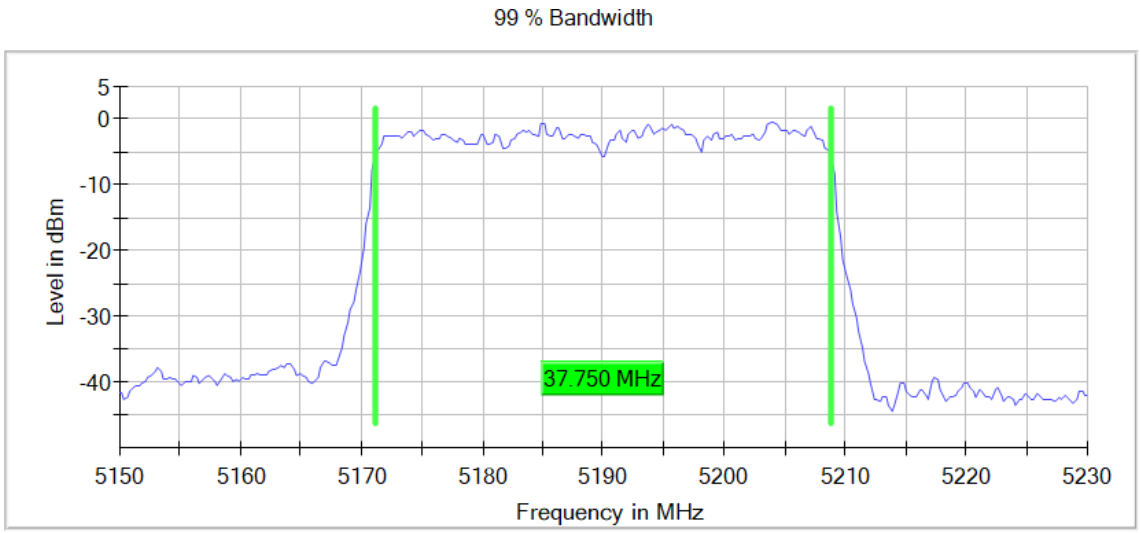
Verdict

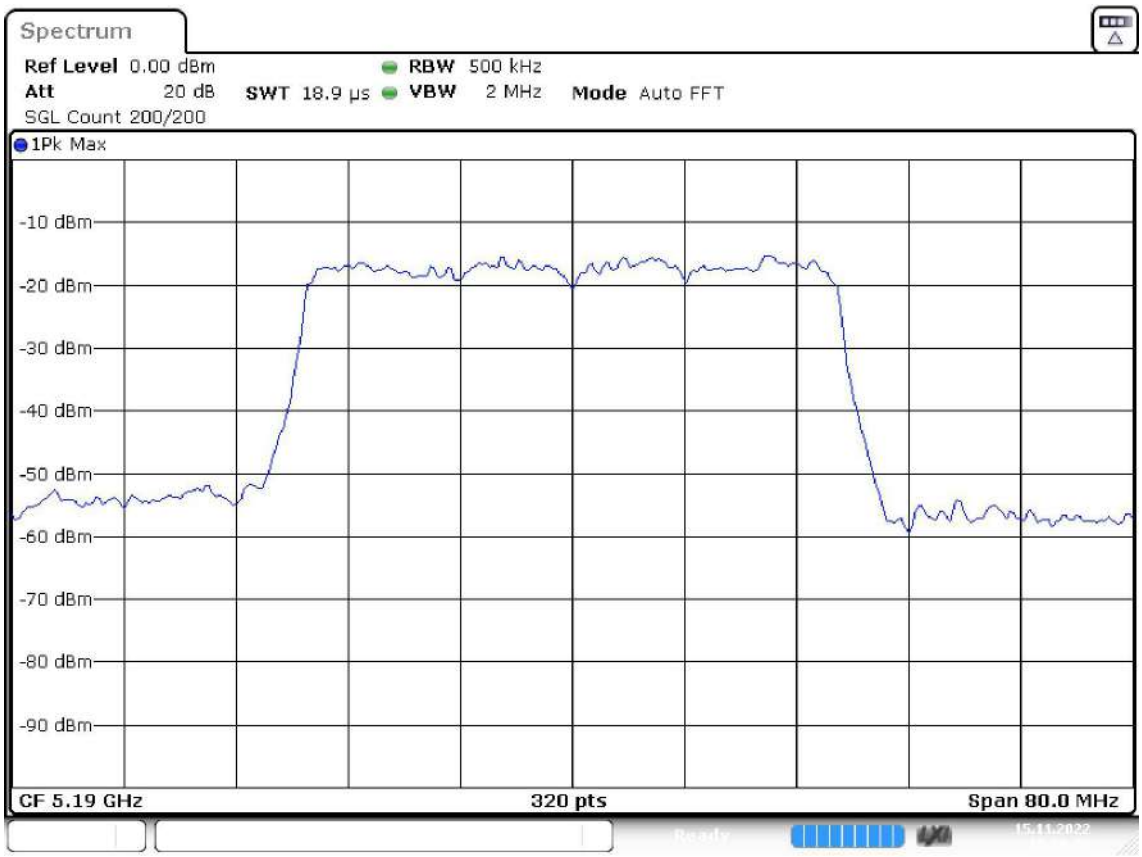
Pass

Attachments

Active Port = 1, Frequency MHz = 5190.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Number of Transmission Chains = 1

Images:

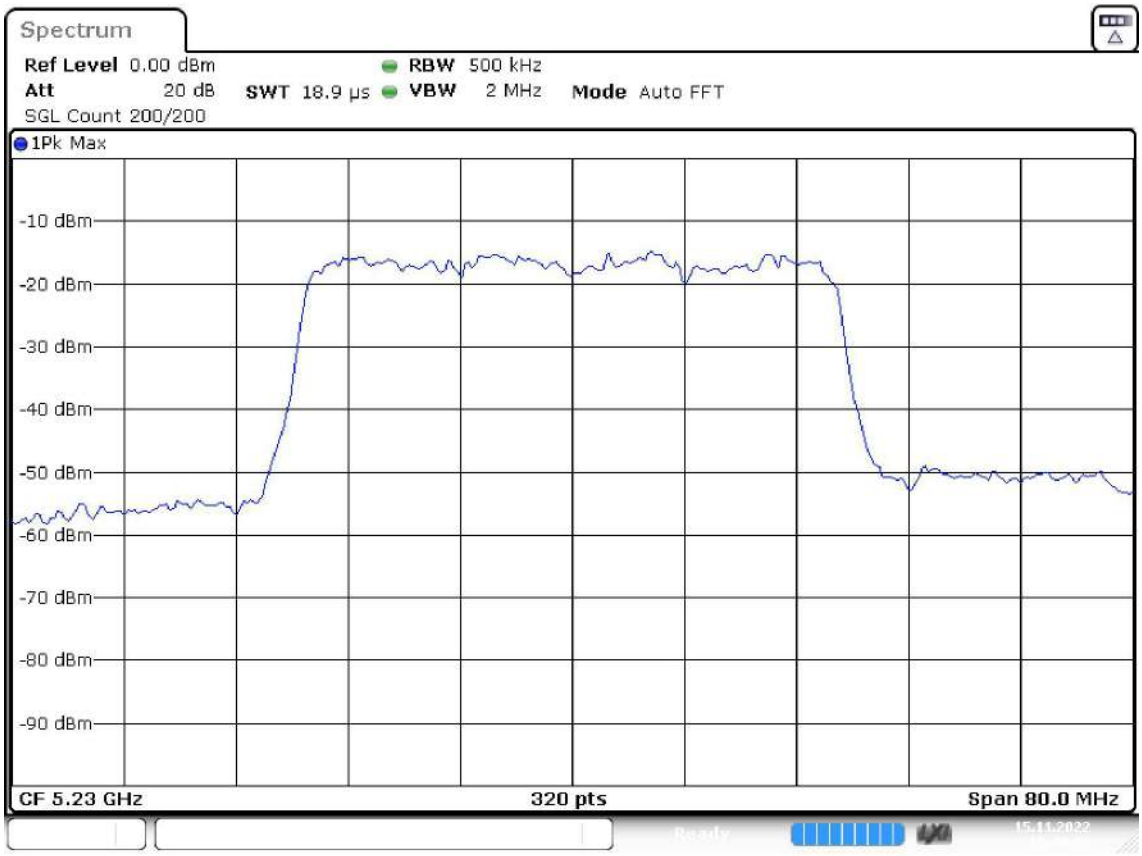




Date: 15.NOV.2022 19:20:54

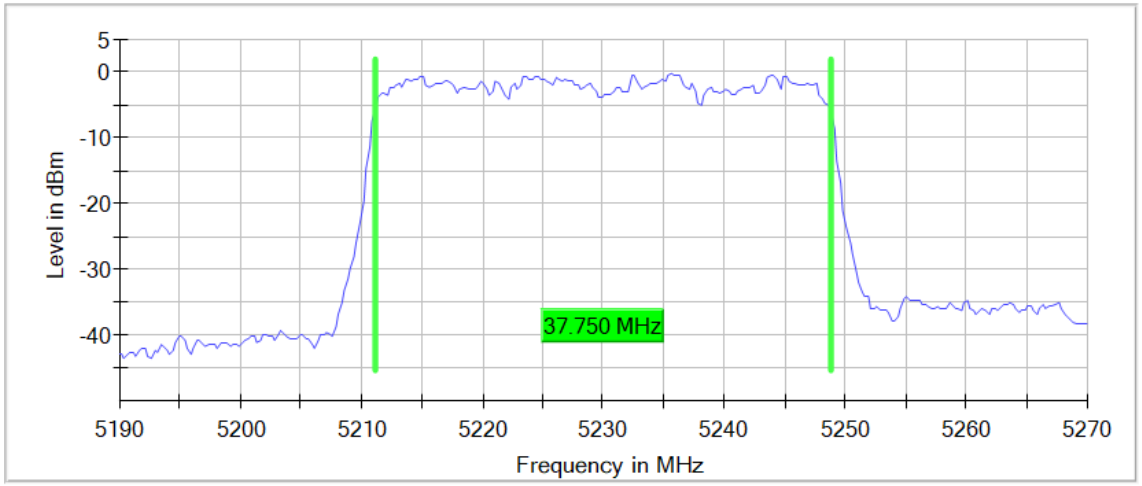
Active Port = 1, Frequency MHz = 5230.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Number of Transmission Chains = 1

Images:



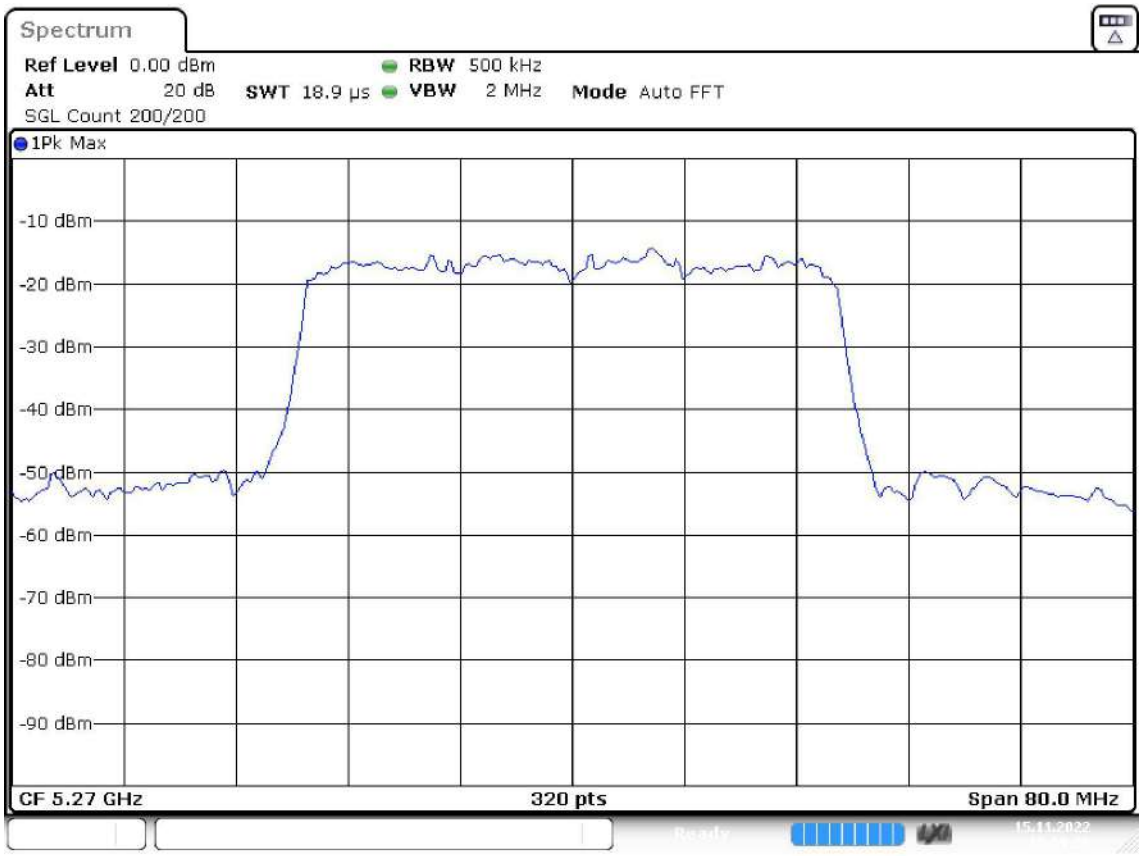
Date: 15.NOV.2022 19:44:03

99 % Bandwidth



Active Port = 1, Frequency MHz = 5270.00000, Modulation = 802.11ax HE40 SS1 (OFDMA MCS9), Mode = SISO, Number of Transmission Chains = 1

Images:



Date: 15.NOV.2022 19:59:30

99 % Bandwidth