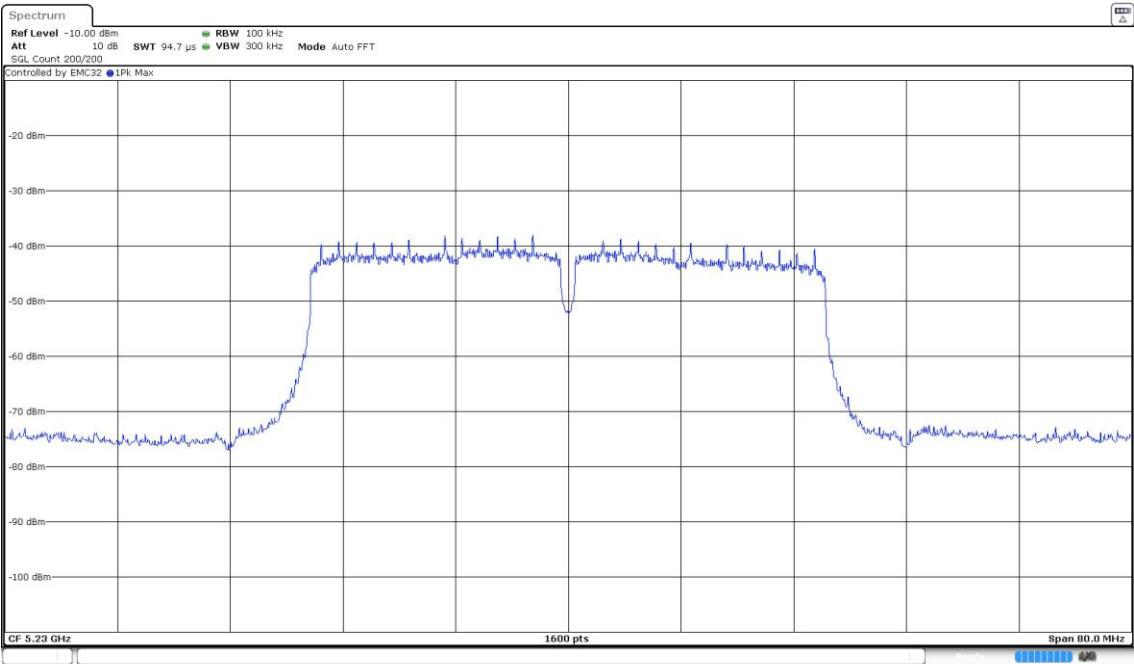
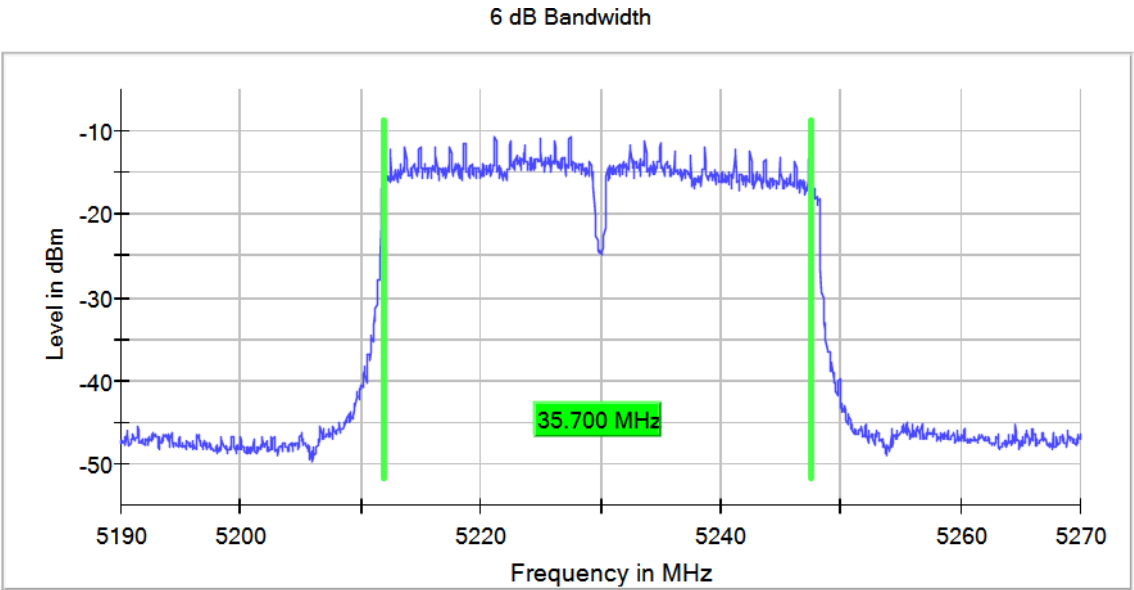


Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5230.00000 Modulation = 802.11n HT40 (OFDM MCS0)

Images:



Modulation: 802.11a (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Port	Freq (MHz)	Antenna configuration	Ebw (MHz)
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	16.400
		5220.00000		16.400
		5240.00000		16.400

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250]

Active Port = 2+3

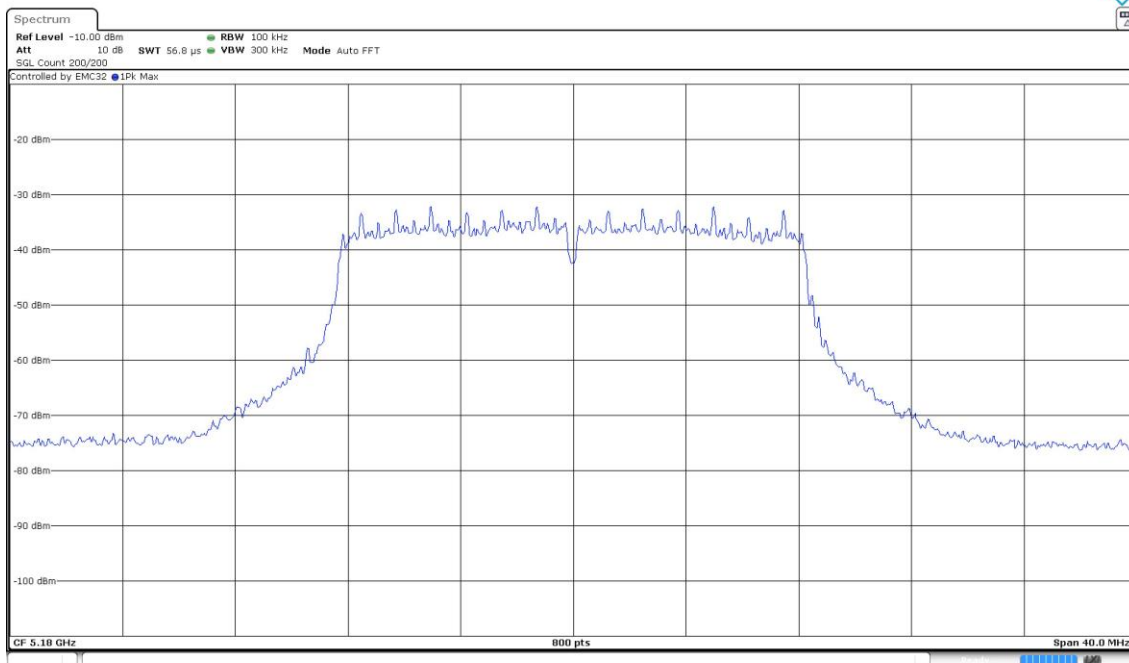
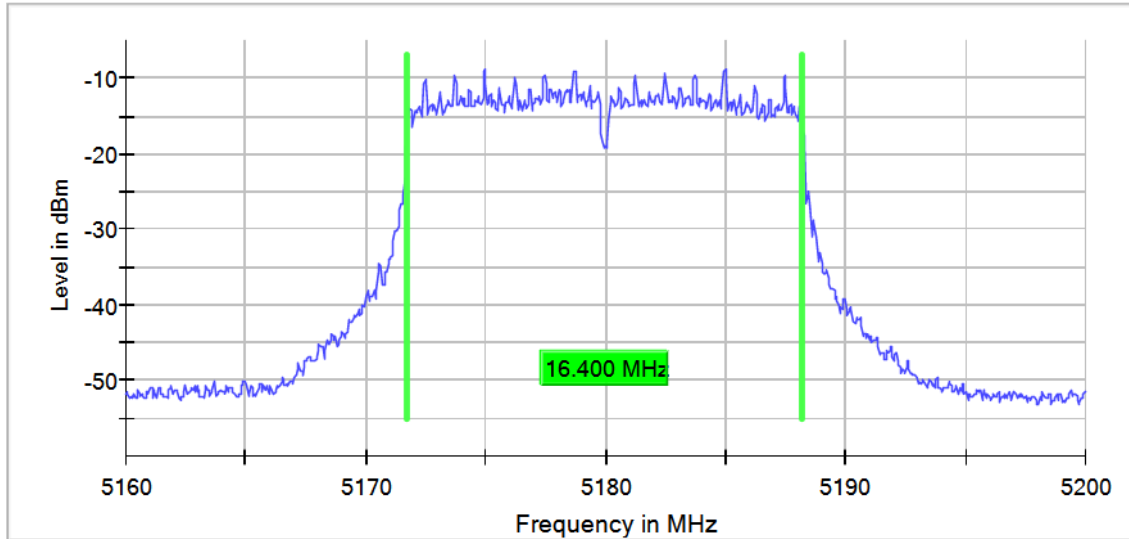
Frequency MHz = 5180.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

Antenna configuration = MIMO CDD Mode 2x2

Images:

6 dB Bandwidth



Operation Band MHz = [5150, 5250]

Active Port = 2+3

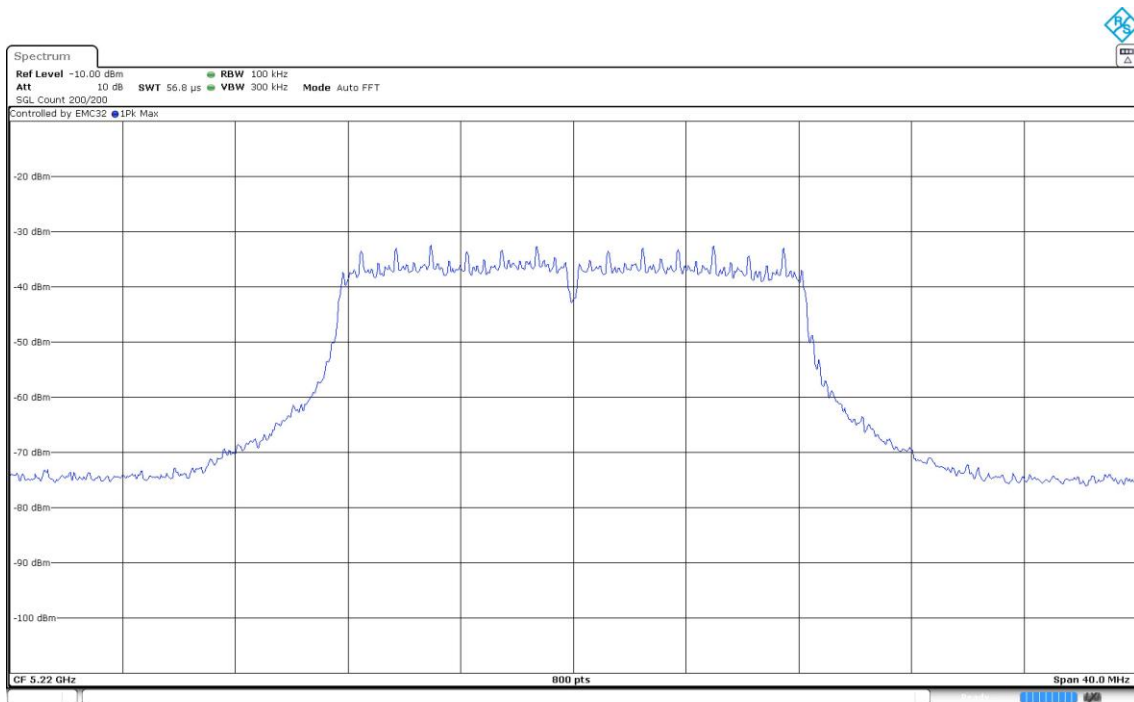
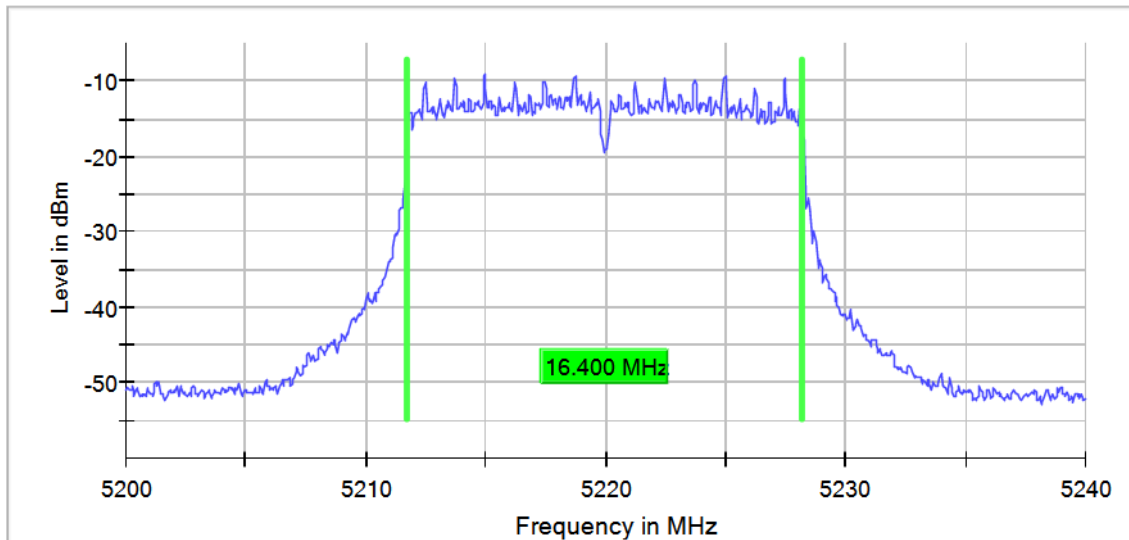
Frequency MHz = 5220.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

Antenna configuration = MIMO CDD Mode 2x2

Images:

6 dB Bandwidth



Operation Band MHz = [5150, 5250]

Active Port = 2+3

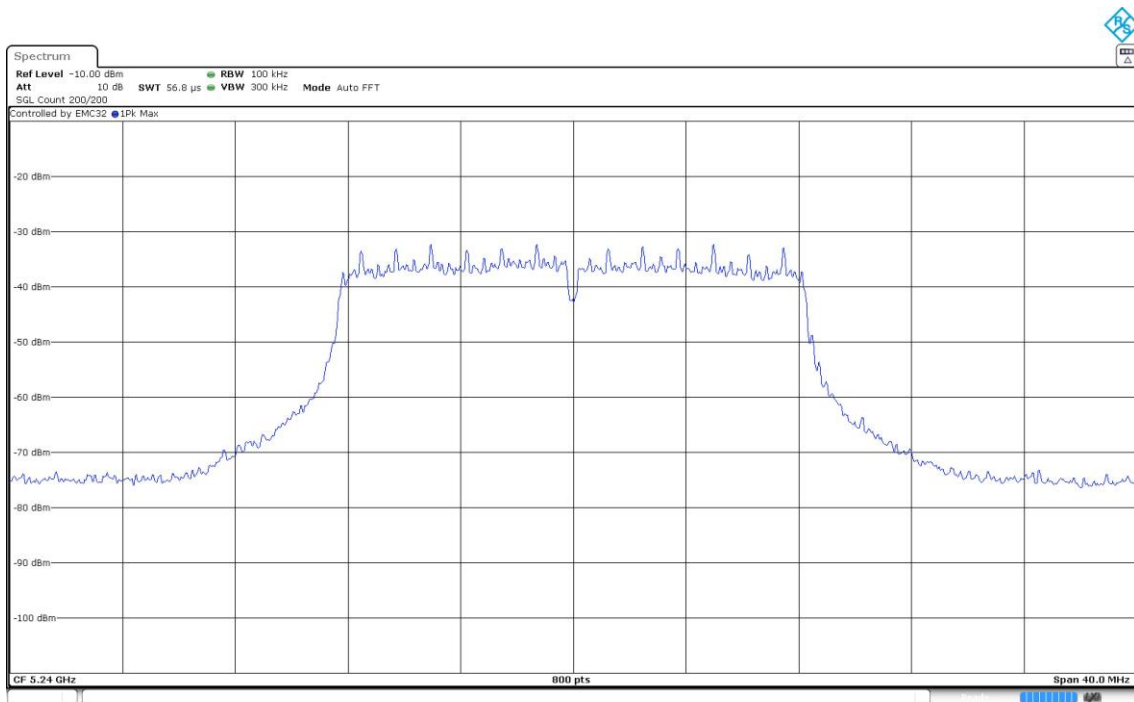
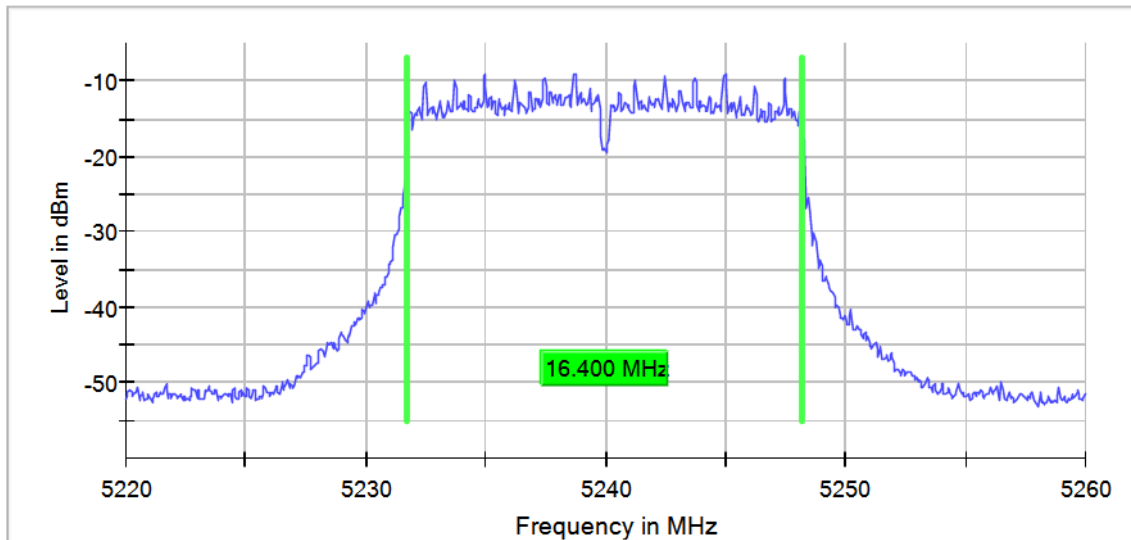
Frequency MHz = 5240.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

Antenna configuration = MIMO CDD Mode 2x2

Images:

6 dB Bandwidth



Modulation: 802.11ac VHT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5250]	2+3	5180.00000	17.450
		5220.00000	17.650
		5240.00000	17.650

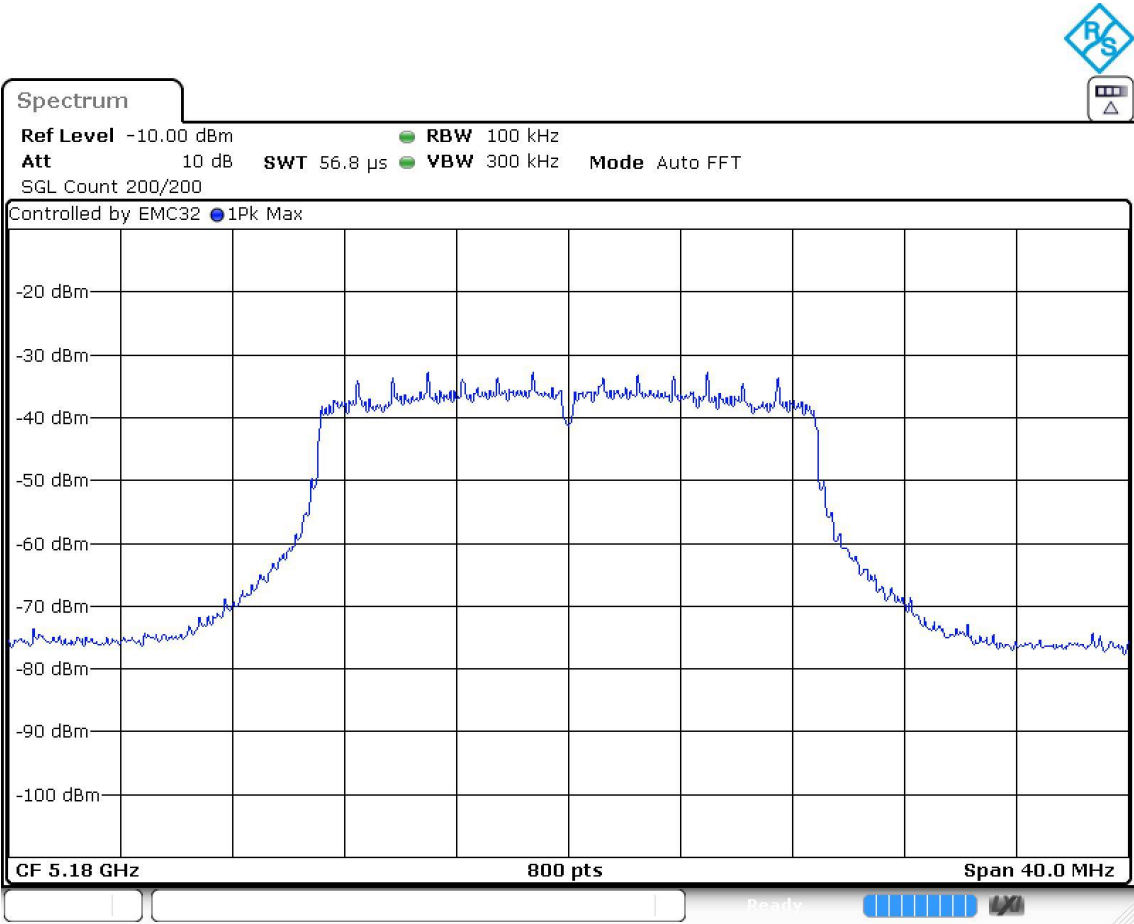
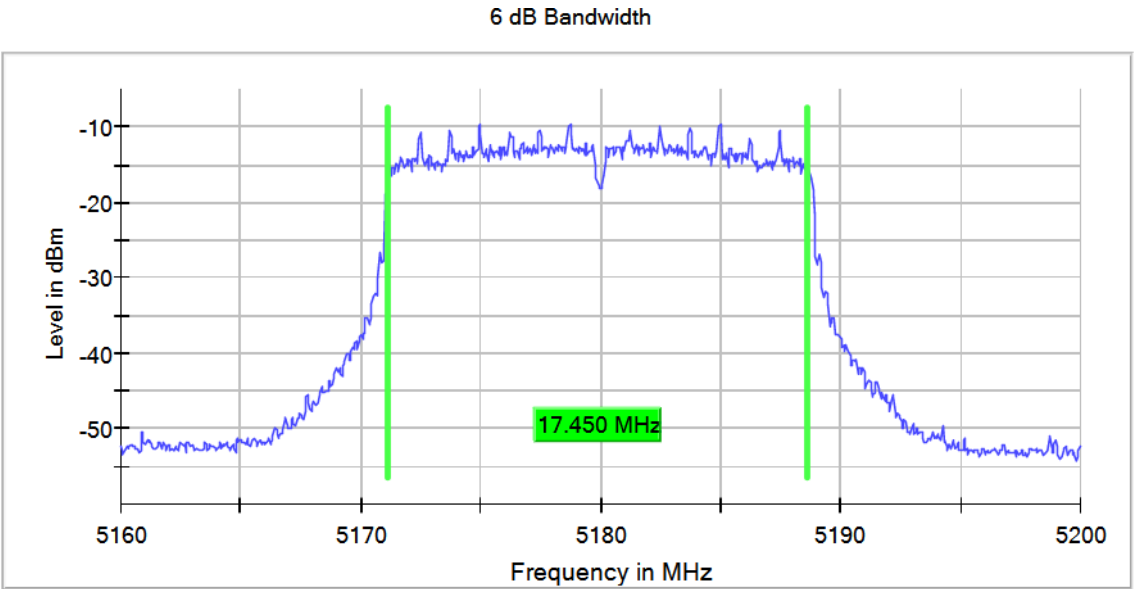
Verdict

Pass

Attachments

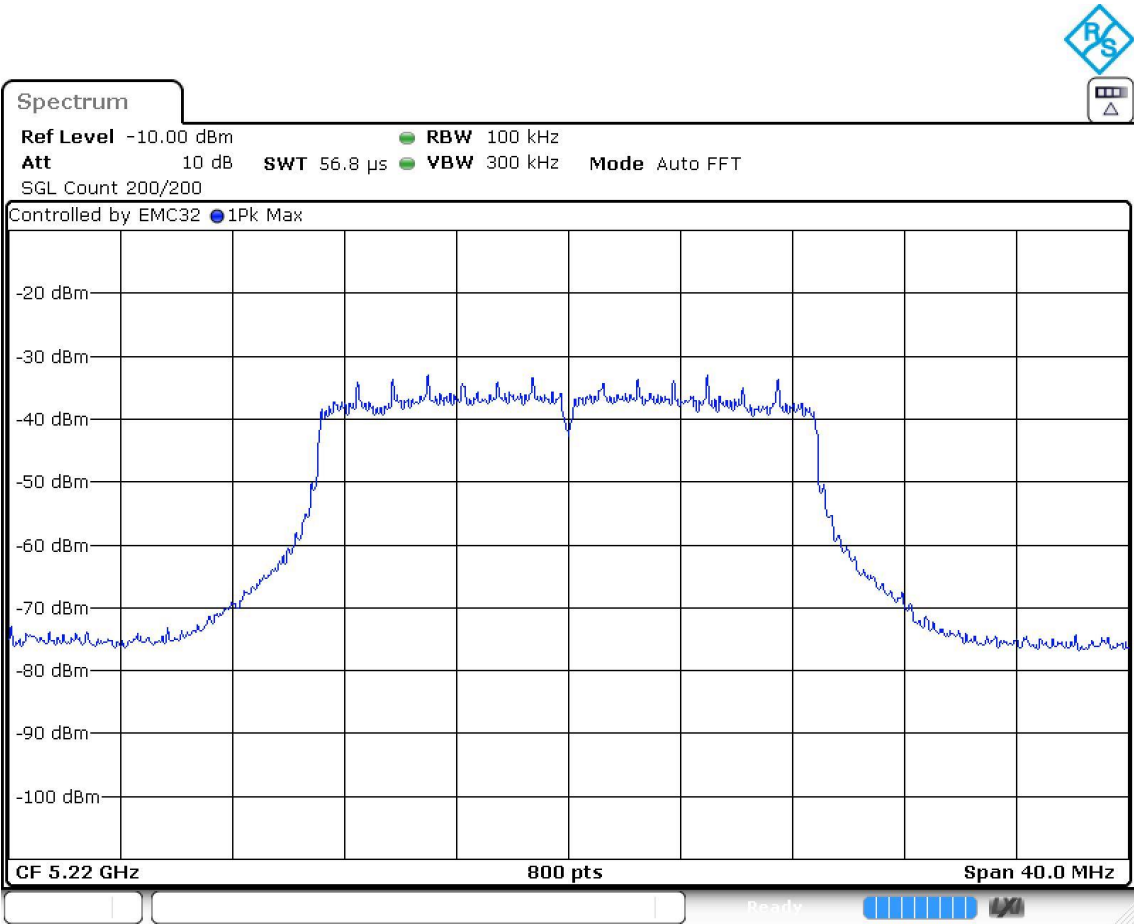
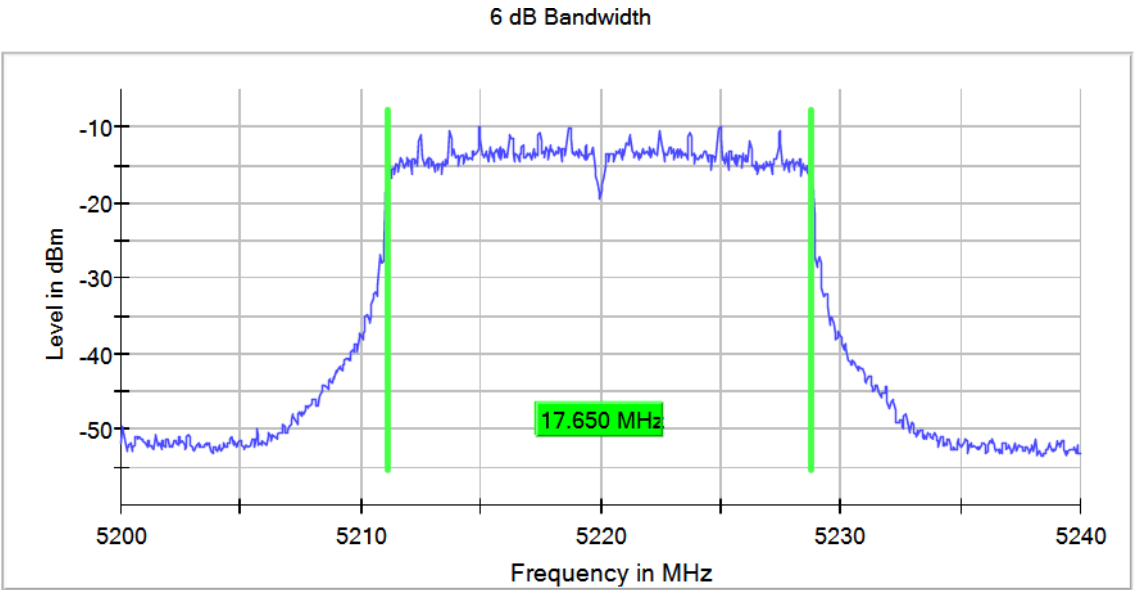
Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:



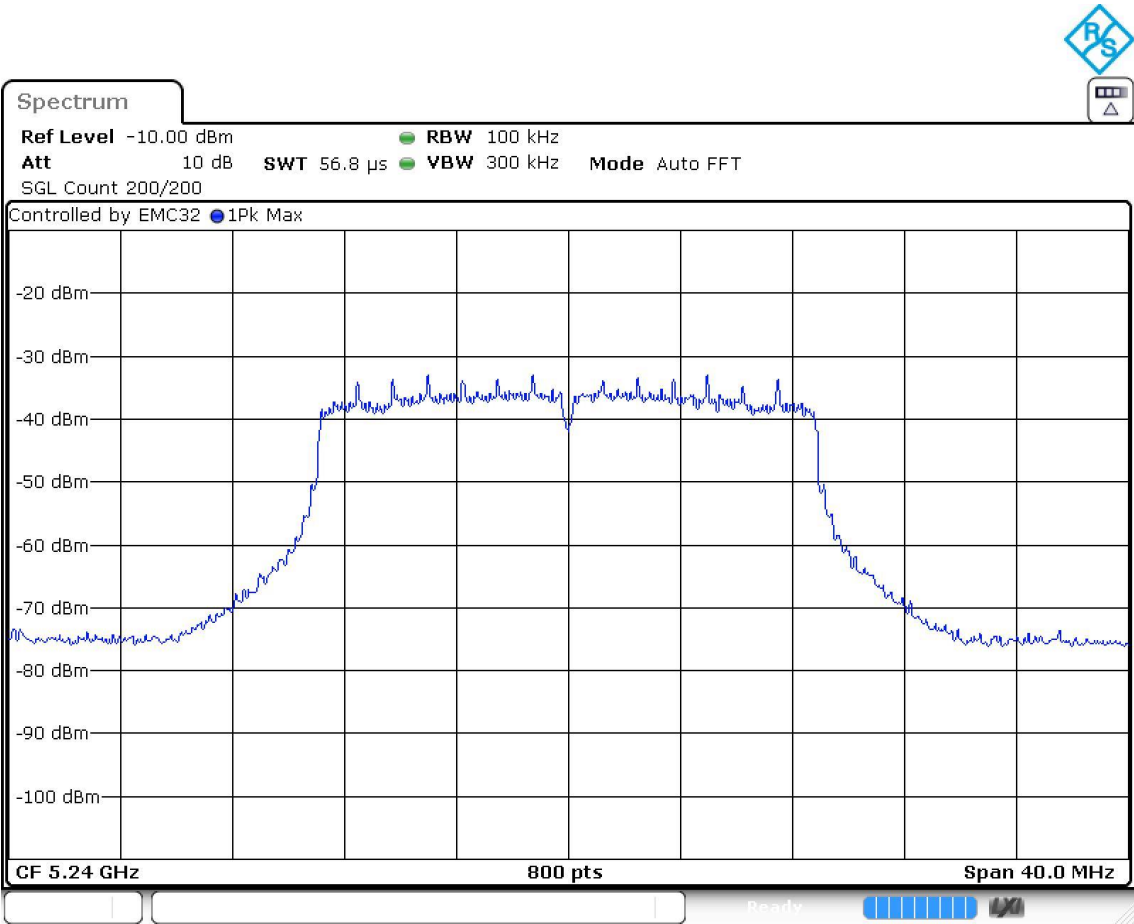
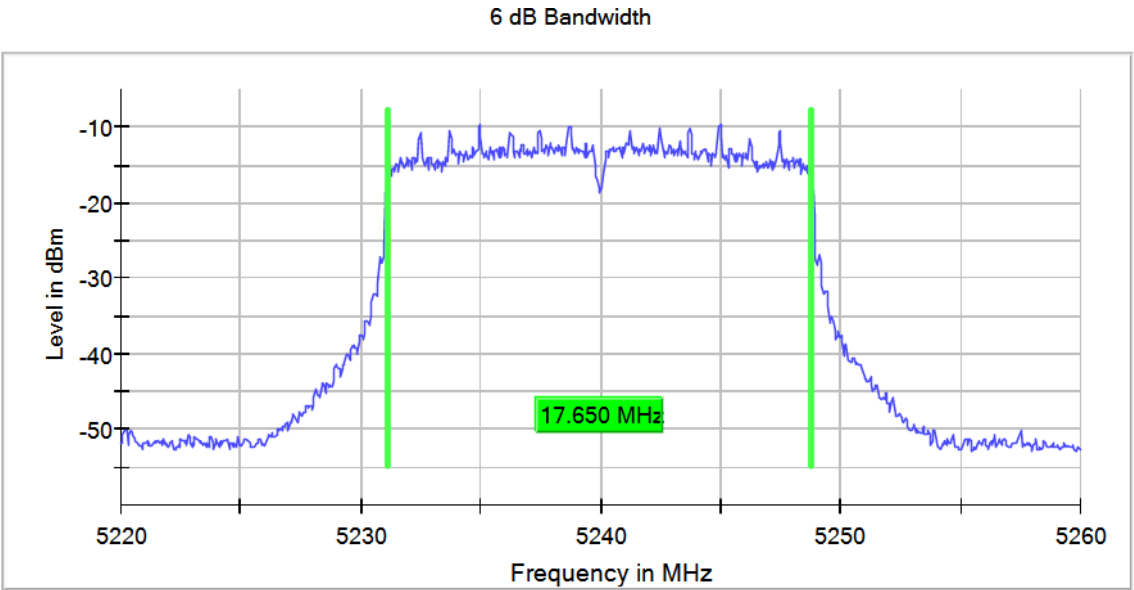
Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5220.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:



Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5240.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

Images:



Modulation: 802.11ac VHT40 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5250]	2+3	5190.00000	36.100
		5230.00000	35.950

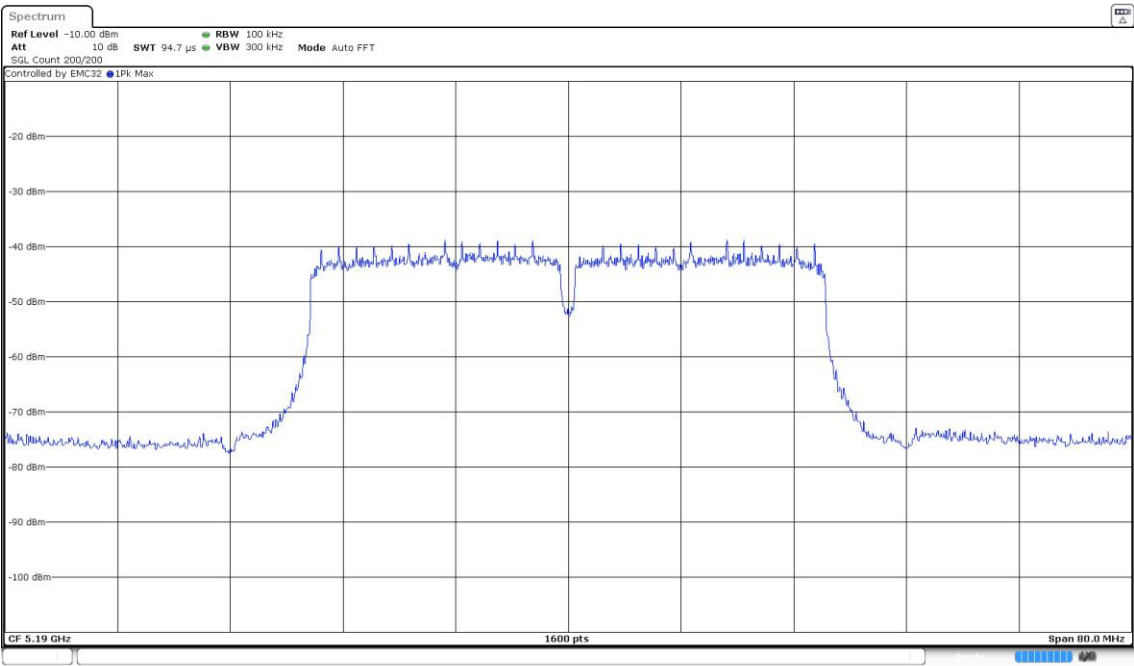
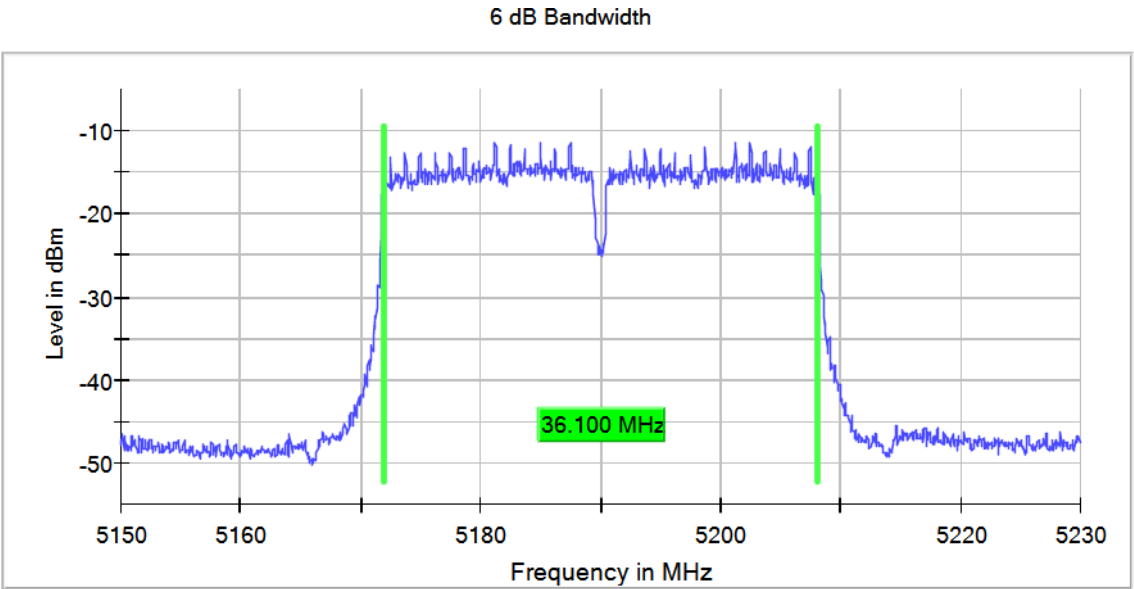
Verdict

Pass

Attachments

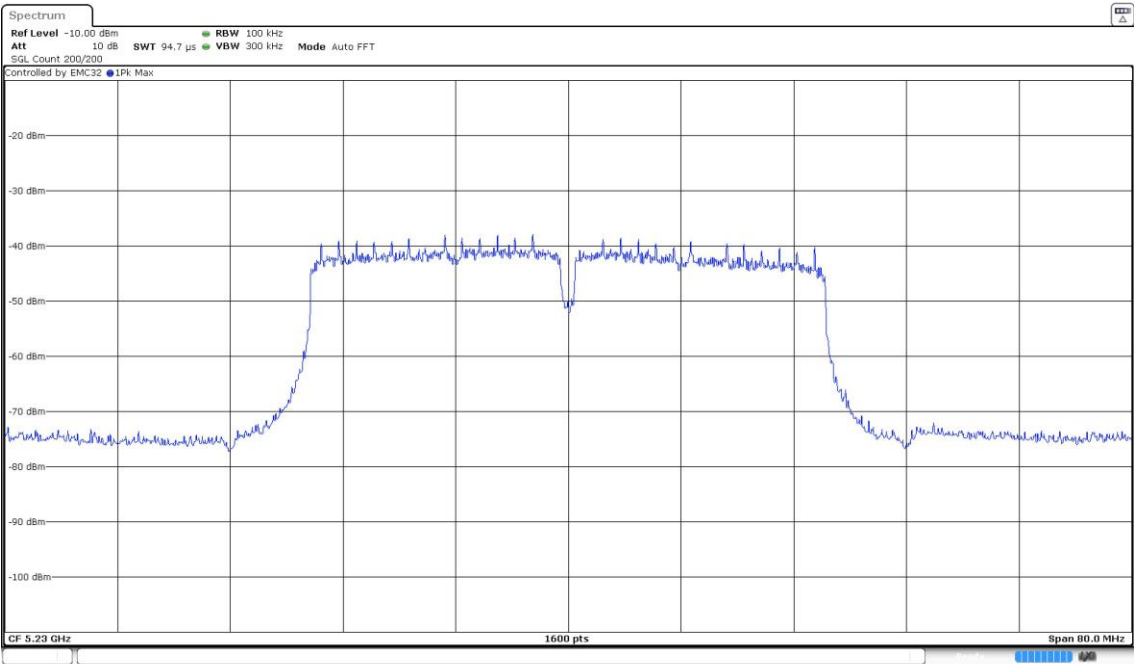
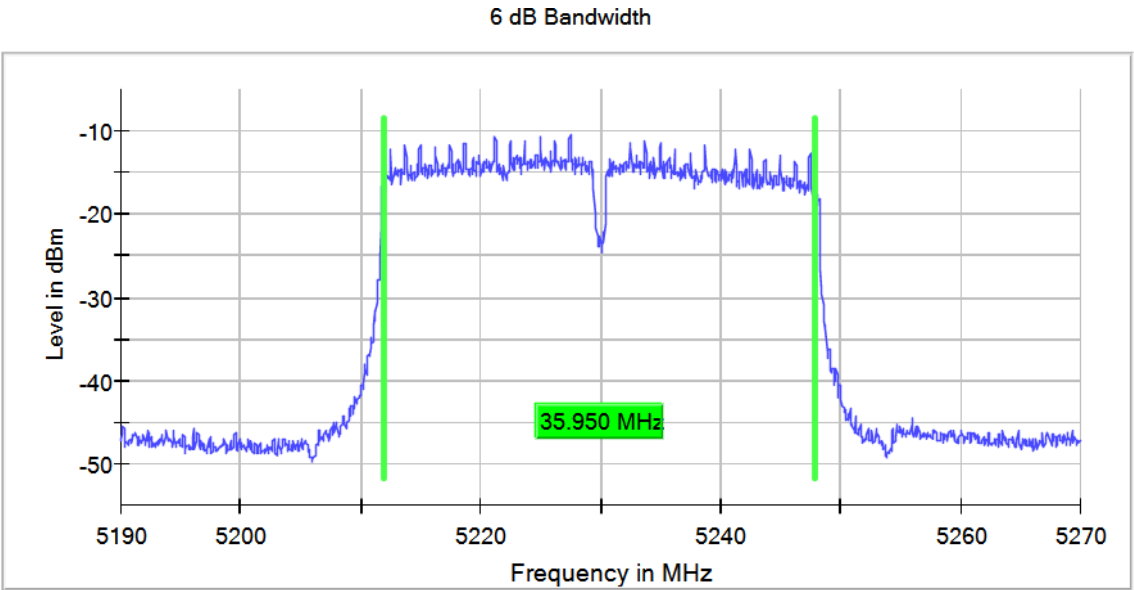
Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5190.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Images:



Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5230.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Images:



Modulation: 802.11ac VHT80 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5250]	2+3	5210.00000	75.450

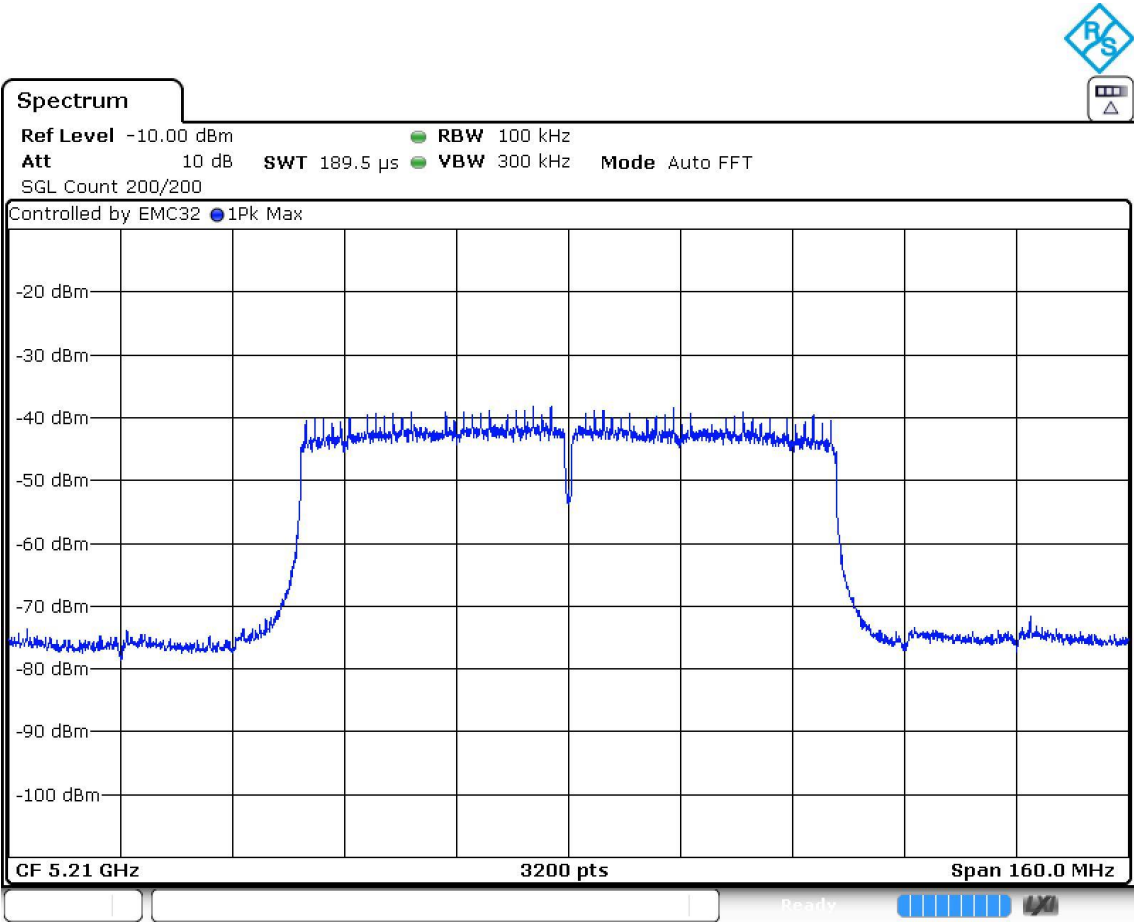
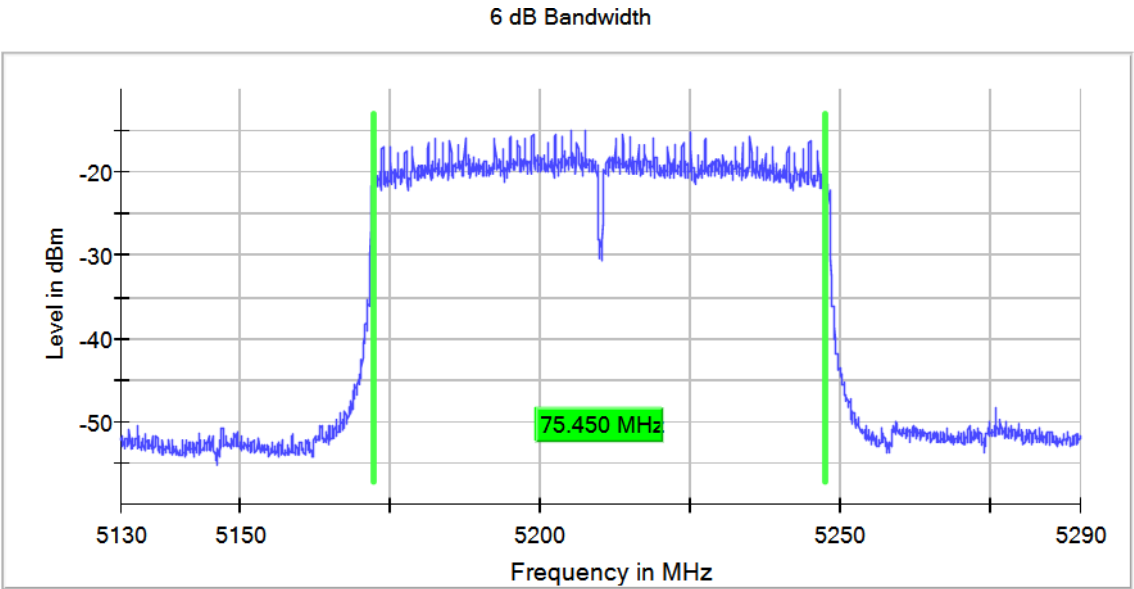
Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5210.00000 Modulation = 802.11ac VHT80 (OFDM MCS0)

Images:



Modulation: 802.11ax HE20 (OFDMA MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Subcarrier Mode	Ebw (MHz)
[5150, 5250]	2+3	5180.00000	SU	18.900
[5150, 5250]	2+3	5180.00000	RU	2.200
[5150, 5250]	2+3	5200.00000	SU	18.900
[5150, 5250]	2+3	5200.00000	RU	6.400
[5150, 5250]	2+3	5240.00000	SU	18.900
[5150, 5250]	2+3	5240.00000	RU	2.150

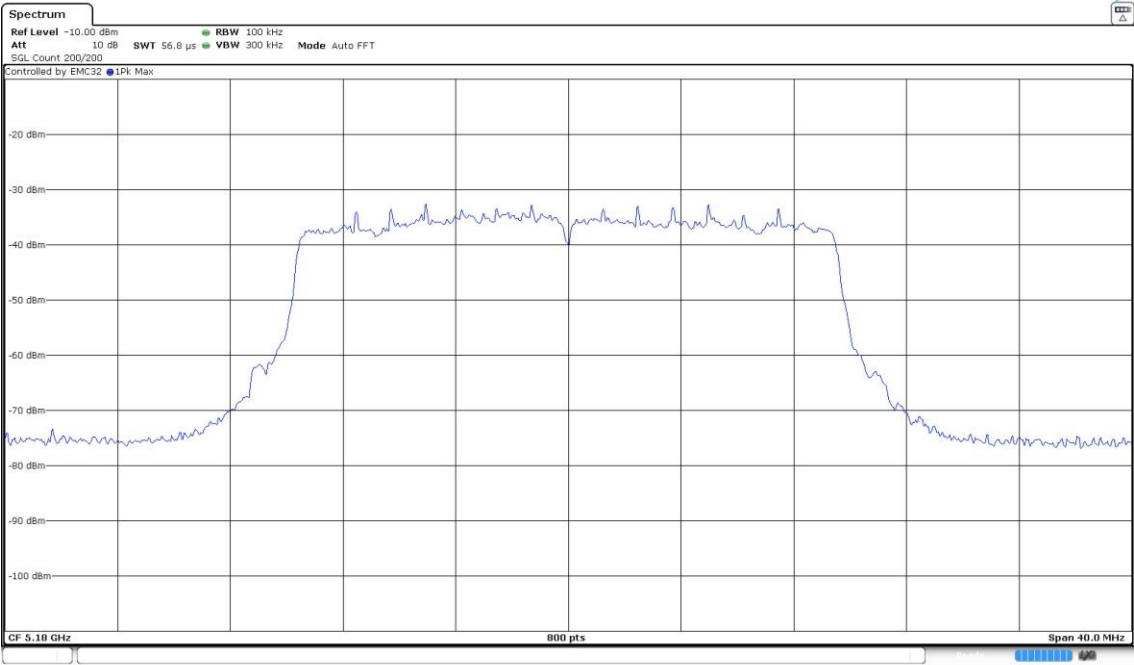
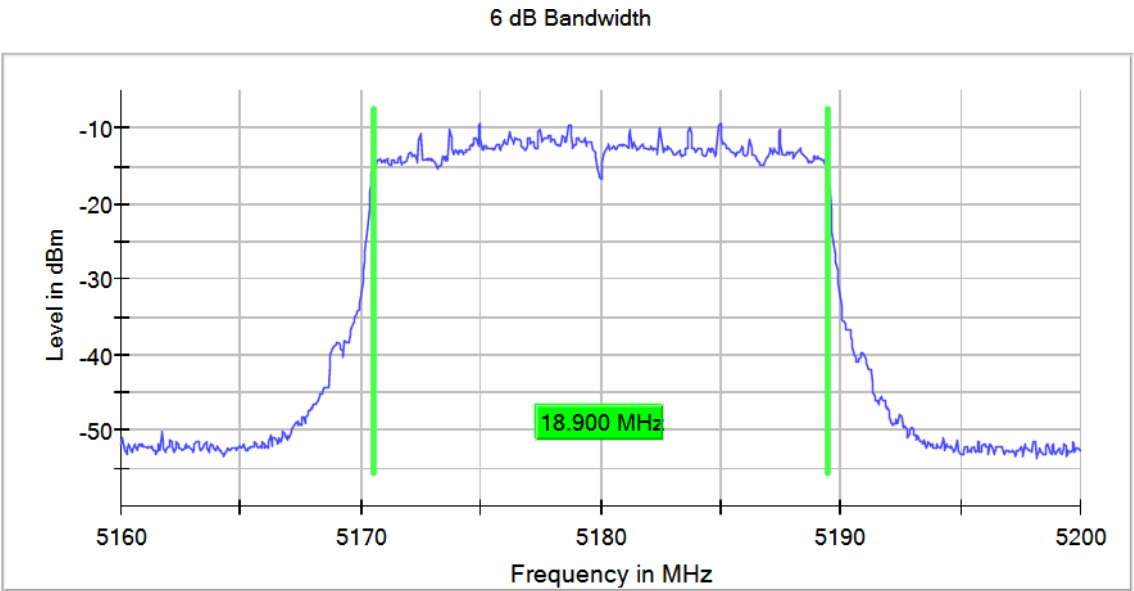
Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5180.00000 Modulation = 802.11ax HE20 (OFDMA MCS0)
Subcarrier Mode = SU

Images:



Operation Band MHz = [5150, 5250] Active Port = 2+3

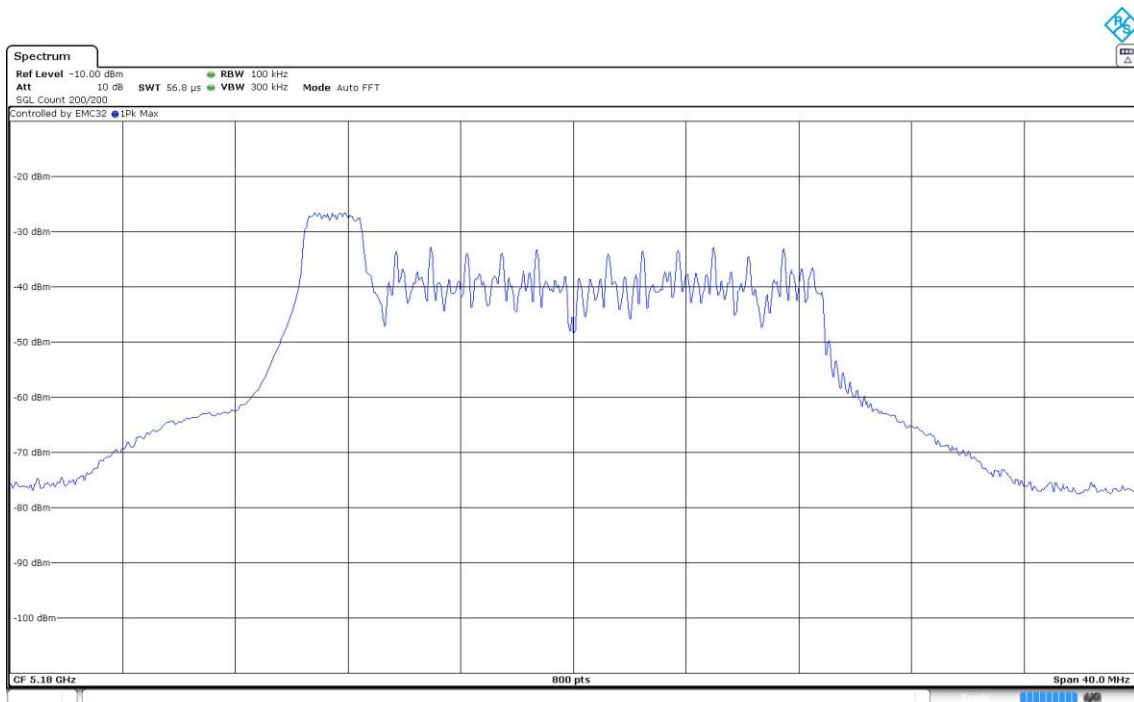
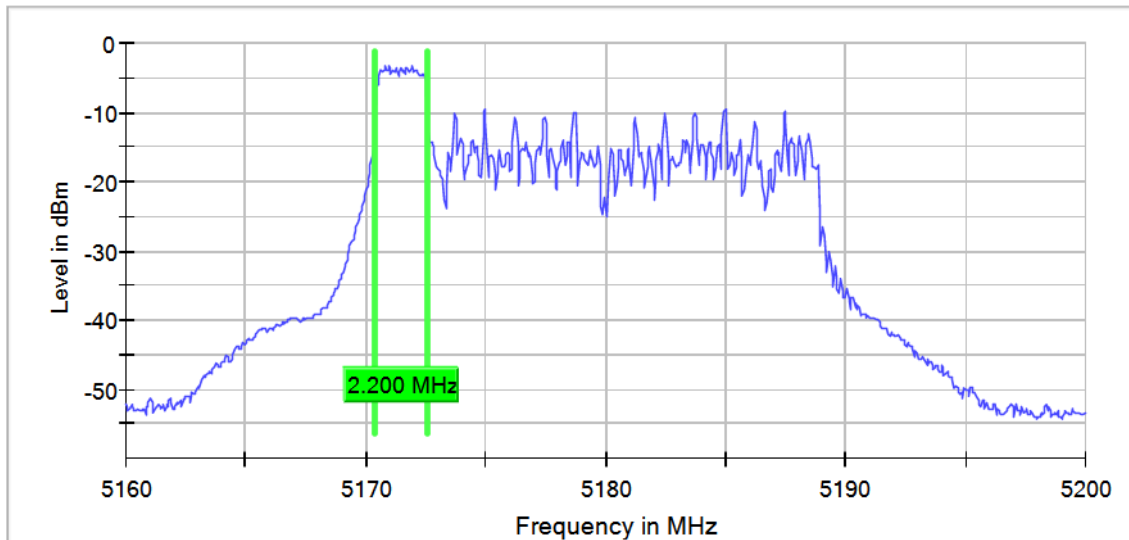
Frequency MHz = 5180.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = RU

Images:

6 dB Bandwidth



Operation Band MHz = [5150, 5250] Active Port = 2+3

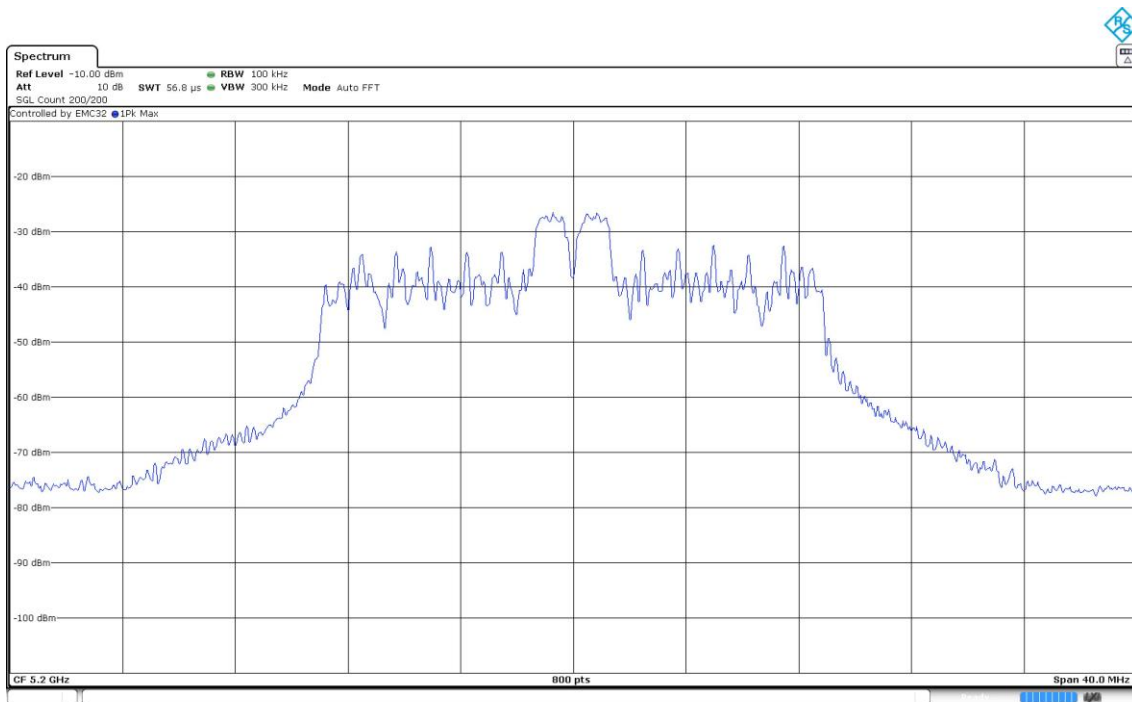
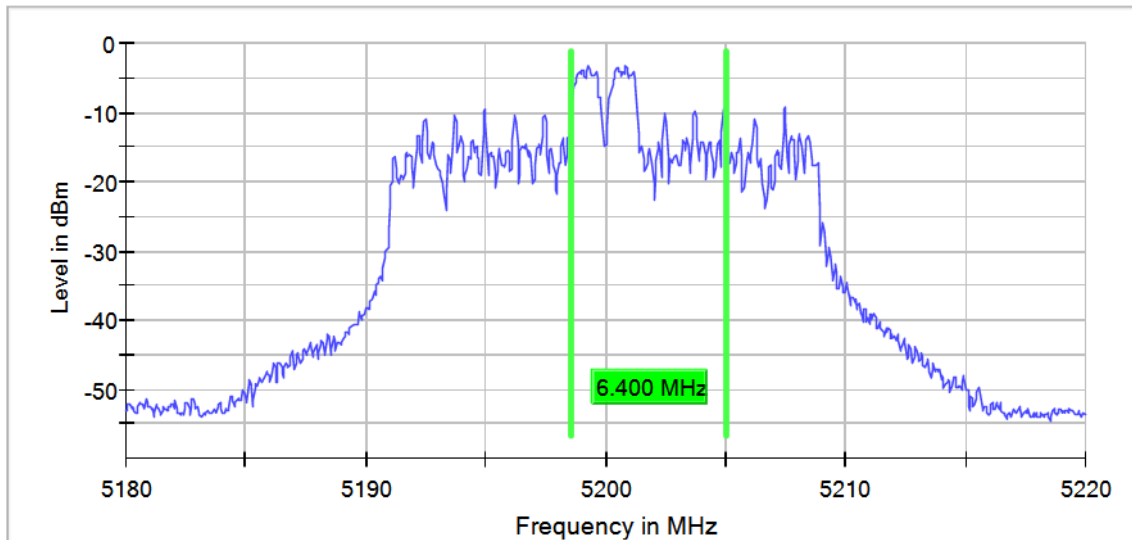
Frequency MHz = 5200.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = RU

Images:

6 dB Bandwidth



Operation Band MHz = [5150, 5250] Active Port = 2+3

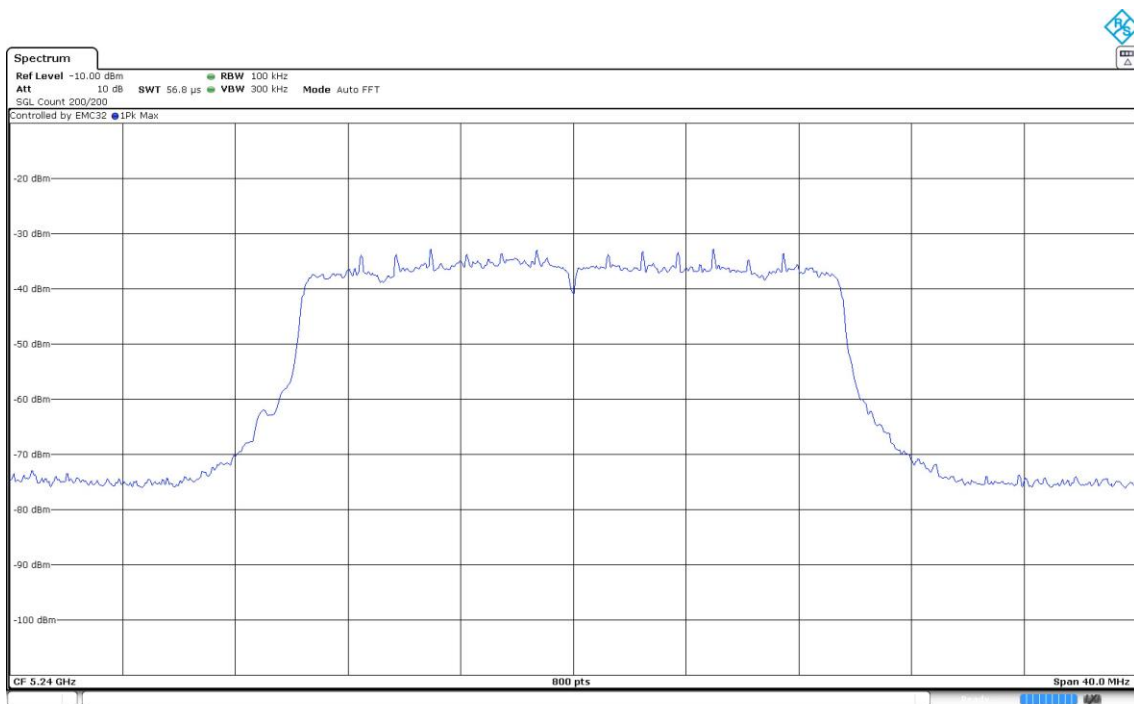
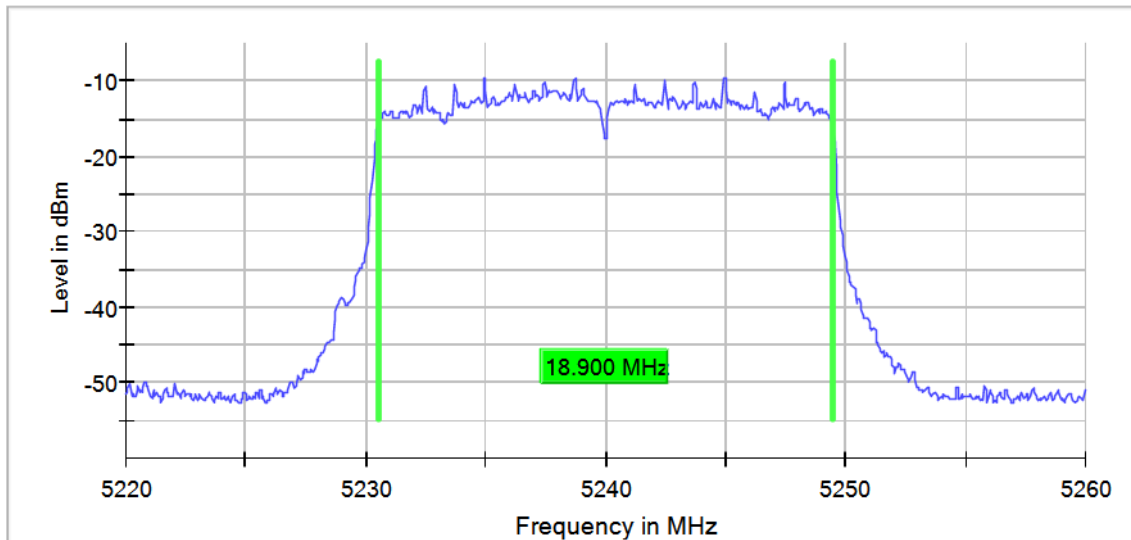
Frequency MHz = 5240.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = SU

Images:

6 dB Bandwidth



Operation Band MHz = [5150, 5250] Active Port = 2+3

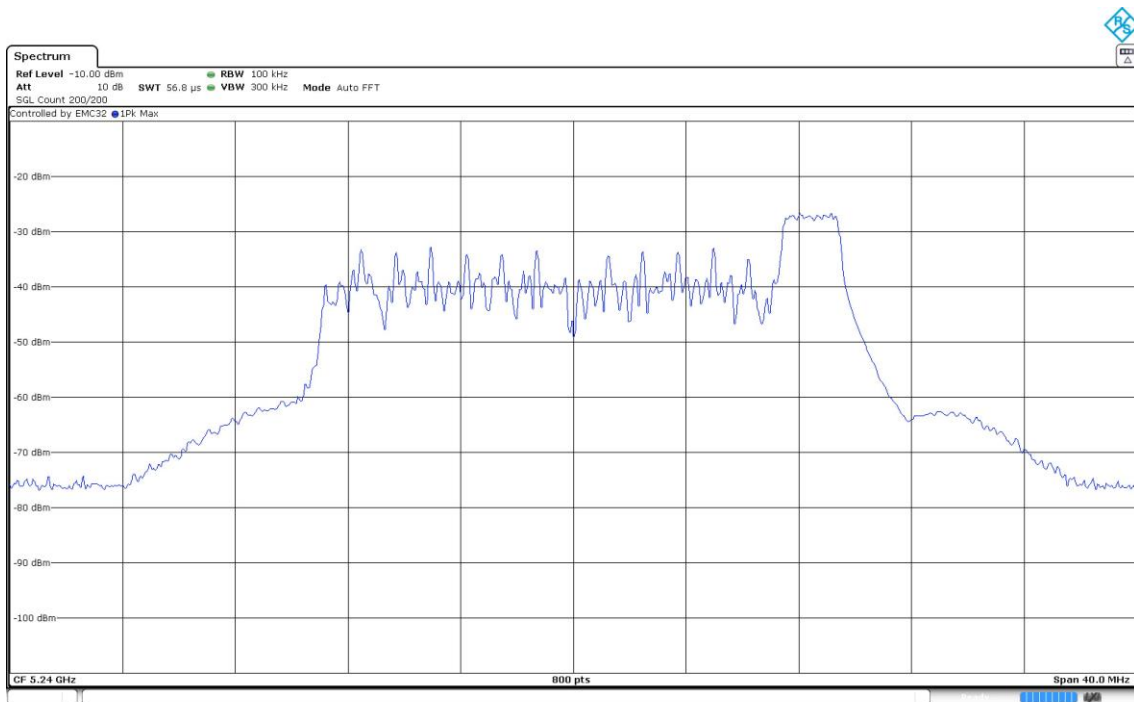
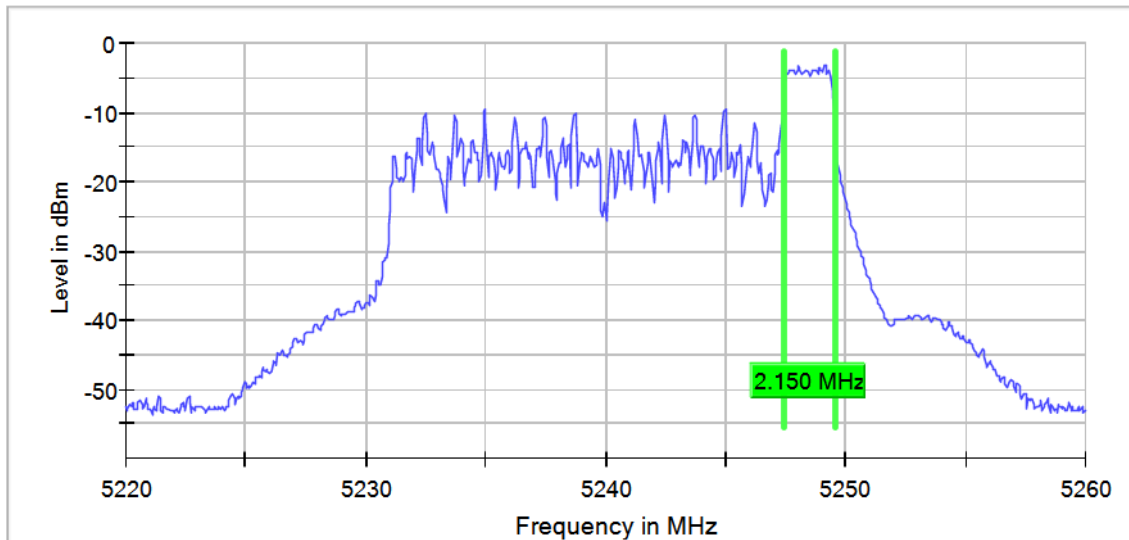
Frequency MHz = 5240.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = RU

Images:

6 dB Bandwidth



Modulation: 802.11ax HE40 (OFDMA MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Subcarrier Mode	Ebw (MHz)
[5150, 5250]	2+3	5190.00000	SU	38.050
			RU	2.150
		5230.00000	SU	37.550
			RU	2.150

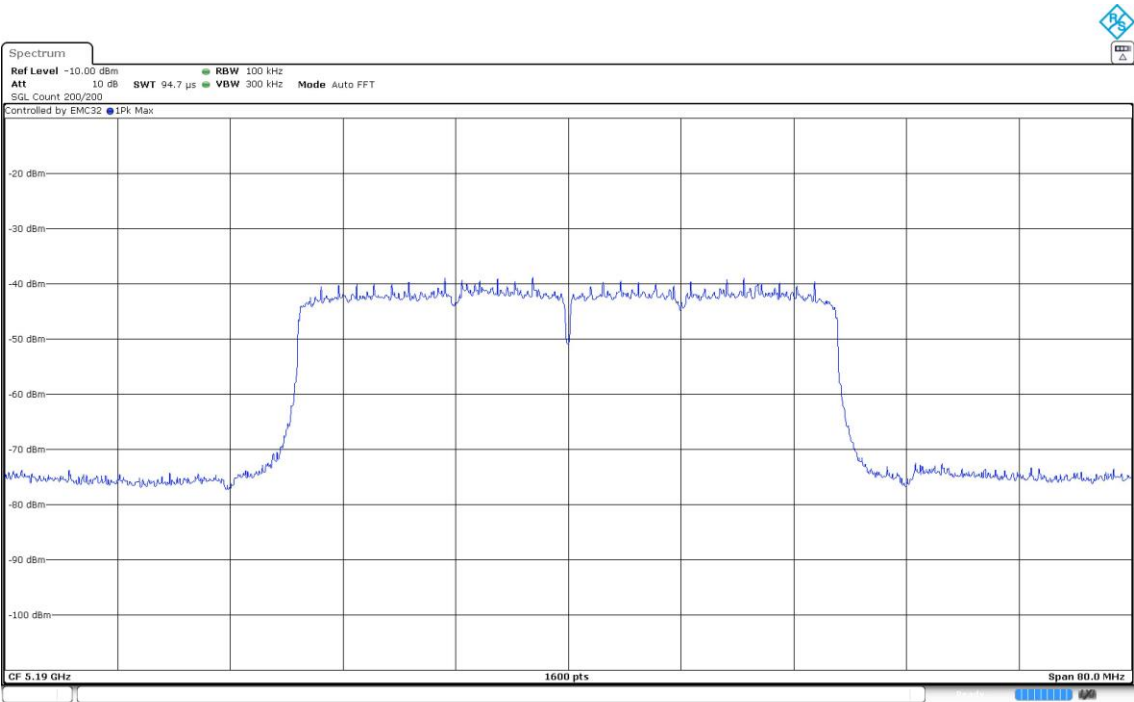
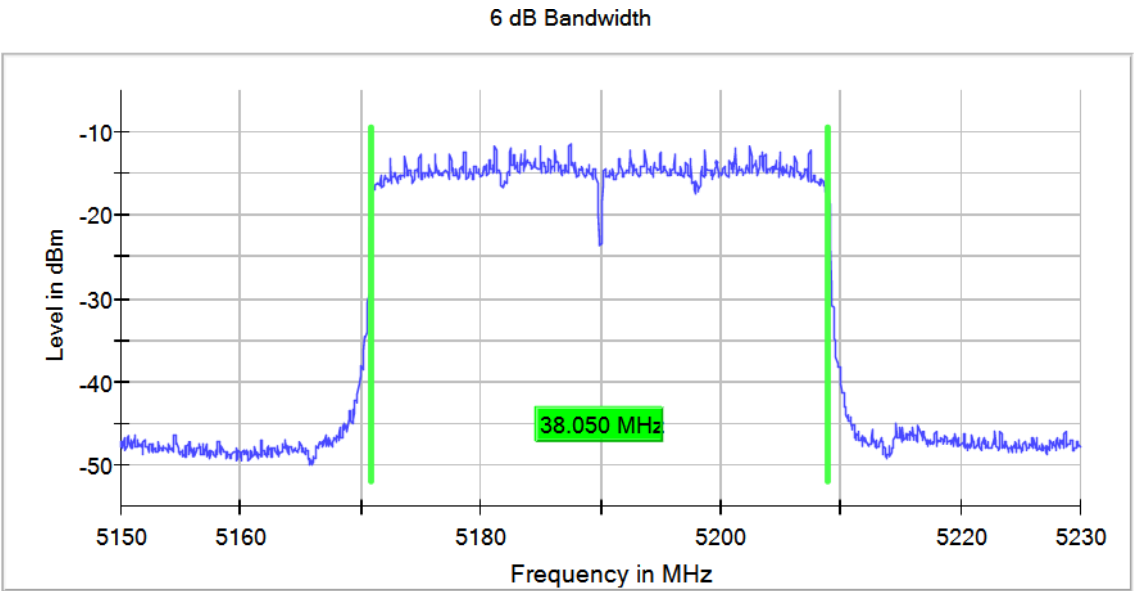
Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 (OFDMA MCS0)
Subcarrier Mode = SU

Images:



Operation Band MHz = [5150, 5250] Active Port = 2+3

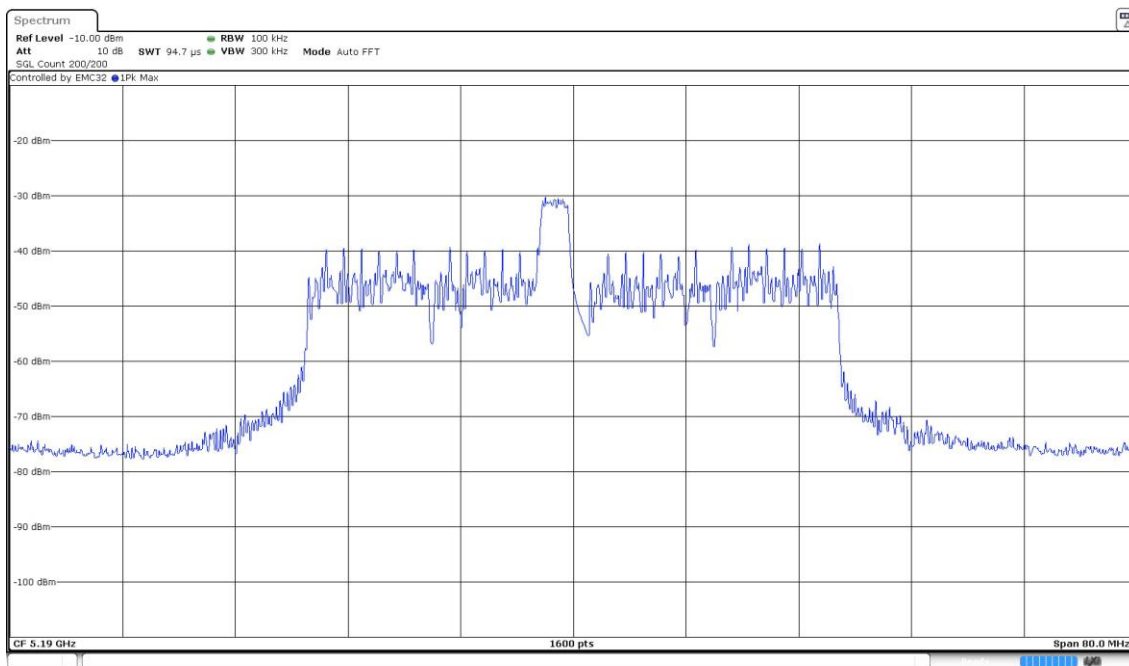
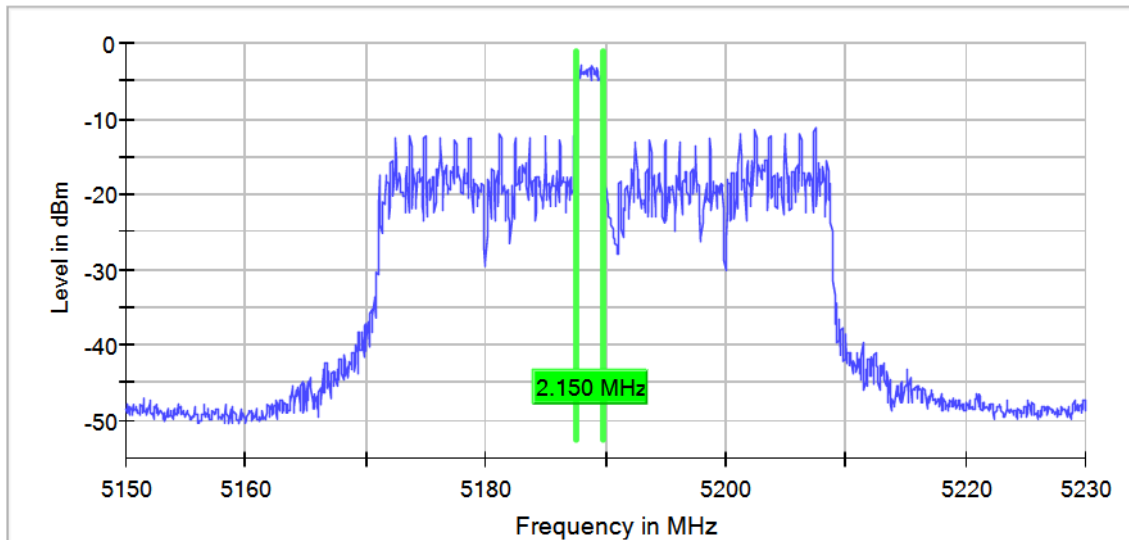
Frequency MHz = 5190.00000

Modulation = 802.11ax HE40 (OFDMA MCS0)

Subcarrier Mode = RU

Images:

6 dB Bandwidth



Operation Band MHz = [5150, 5250] Active Port = 2+3

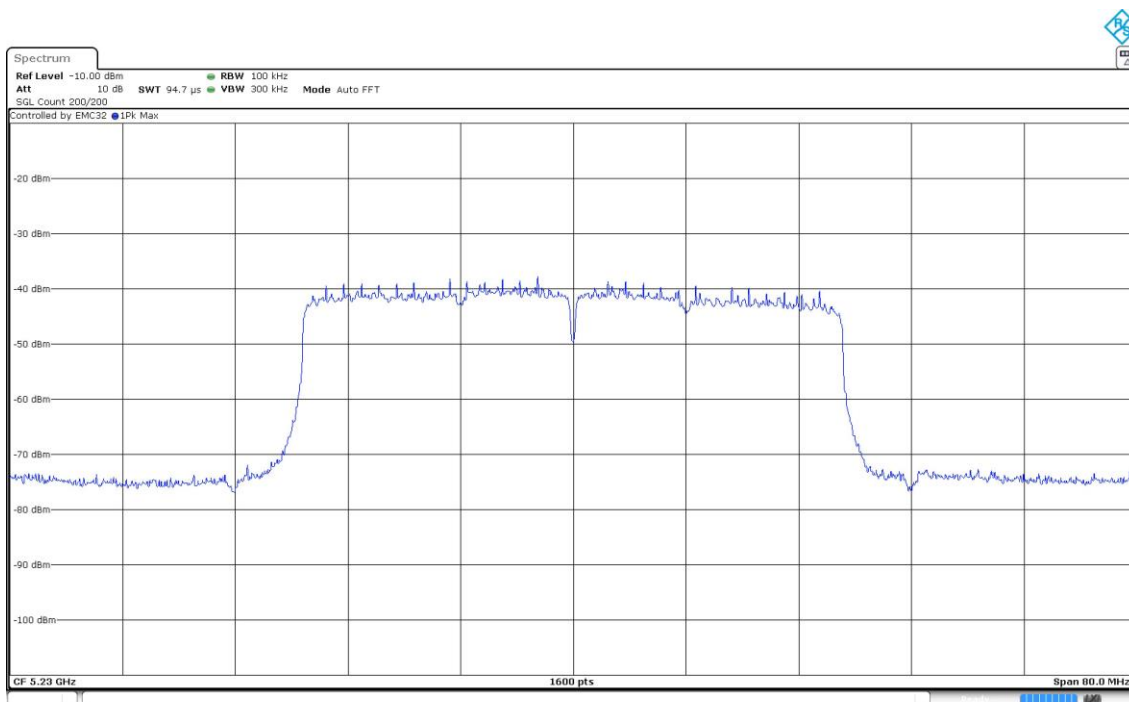
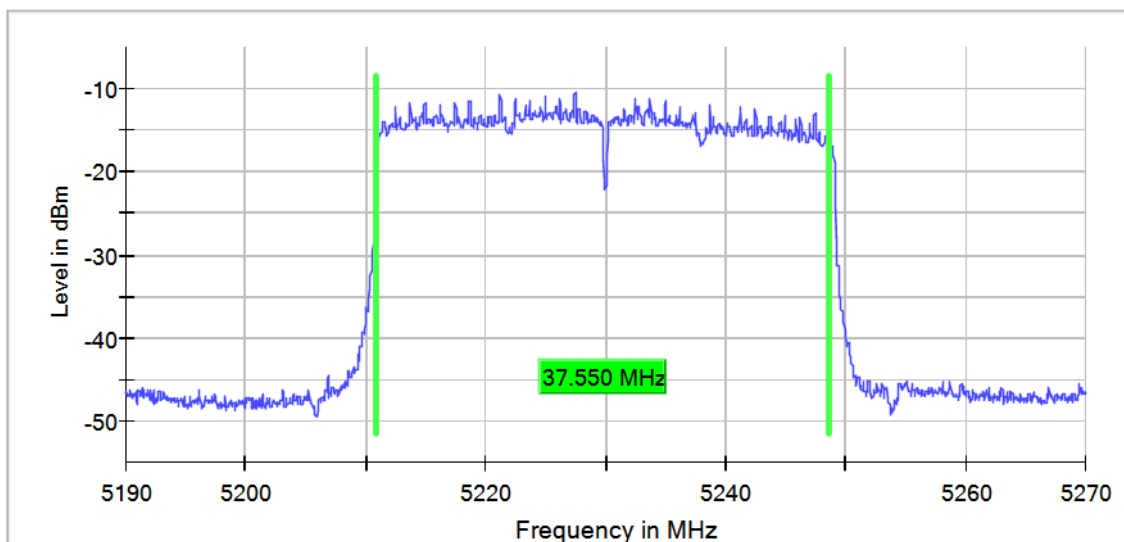
Frequency MHz = 5230.00000

Modulation = 802.11ax HE40 (OFDMA MCS0)

Subcarrier Mode = SU

Images:

6 dB Bandwidth



Operation Band MHz = [5150, 5250] Active Port = 2+3

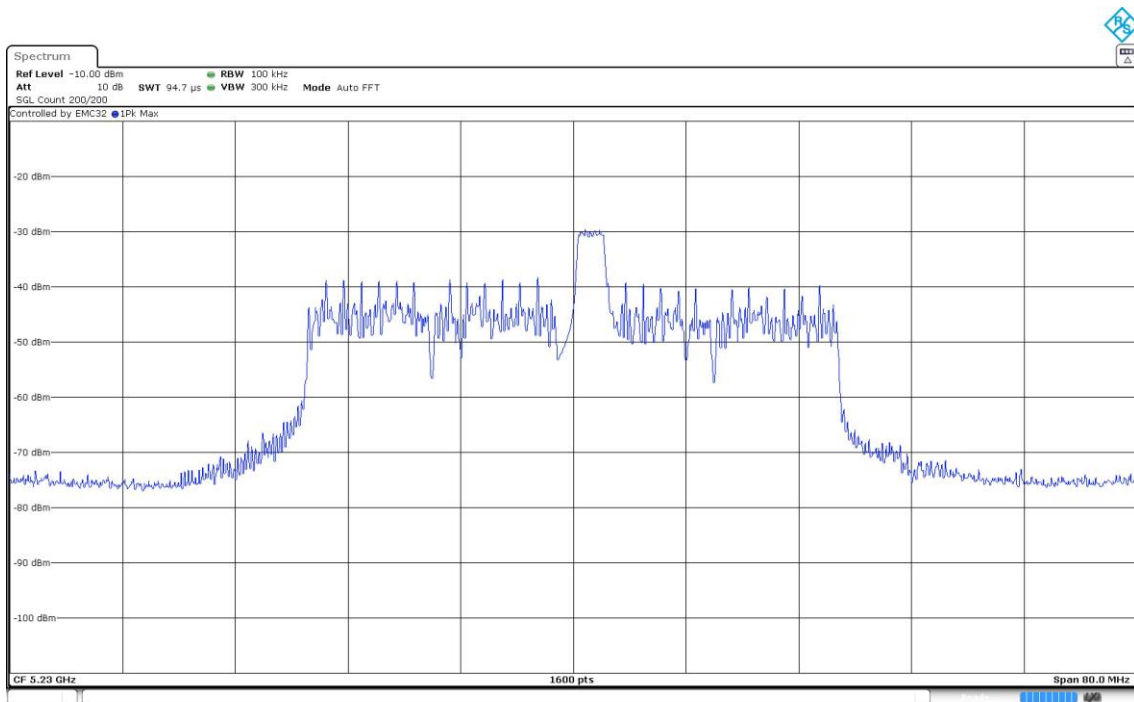
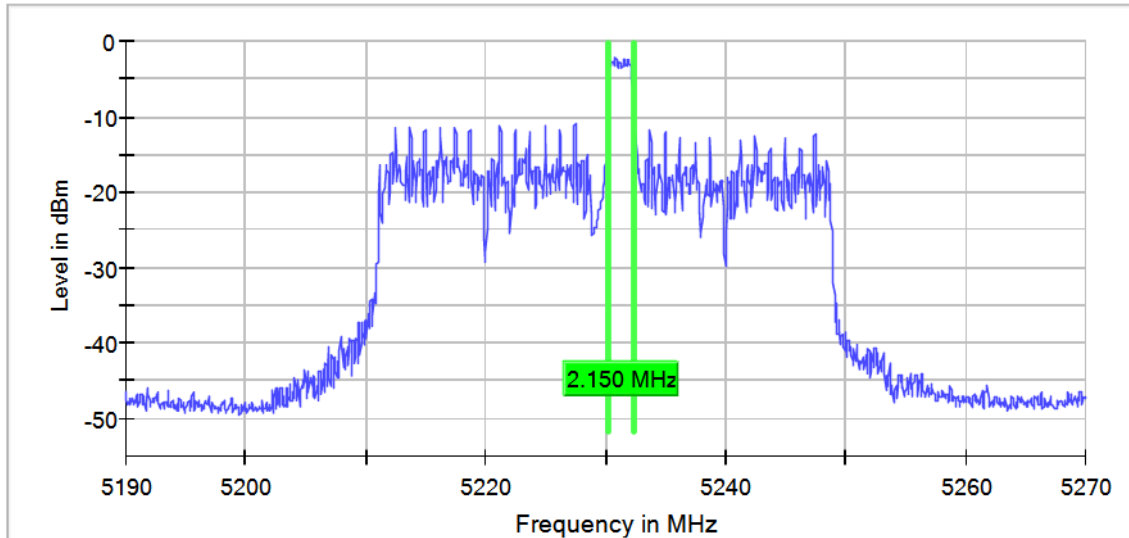
Frequency MHz = 5230.00000

Modulation = 802.11ax HE40 (OFDMA MCS0)

Subcarrier Mode = RU

Images:

6 dB Bandwidth



Modulation: 802.11ax HE80 (OFDMA MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Antenna configuration	Subcarrier Mode	Ebw (MHz)
[5150, 5250]	2+3	5210.00000	MIMO CDD Mode 2x2	RU	78.200
[5150, 5250]	2+3	5210.00000	MIMO CDD Mode 2x2	SU	77.850

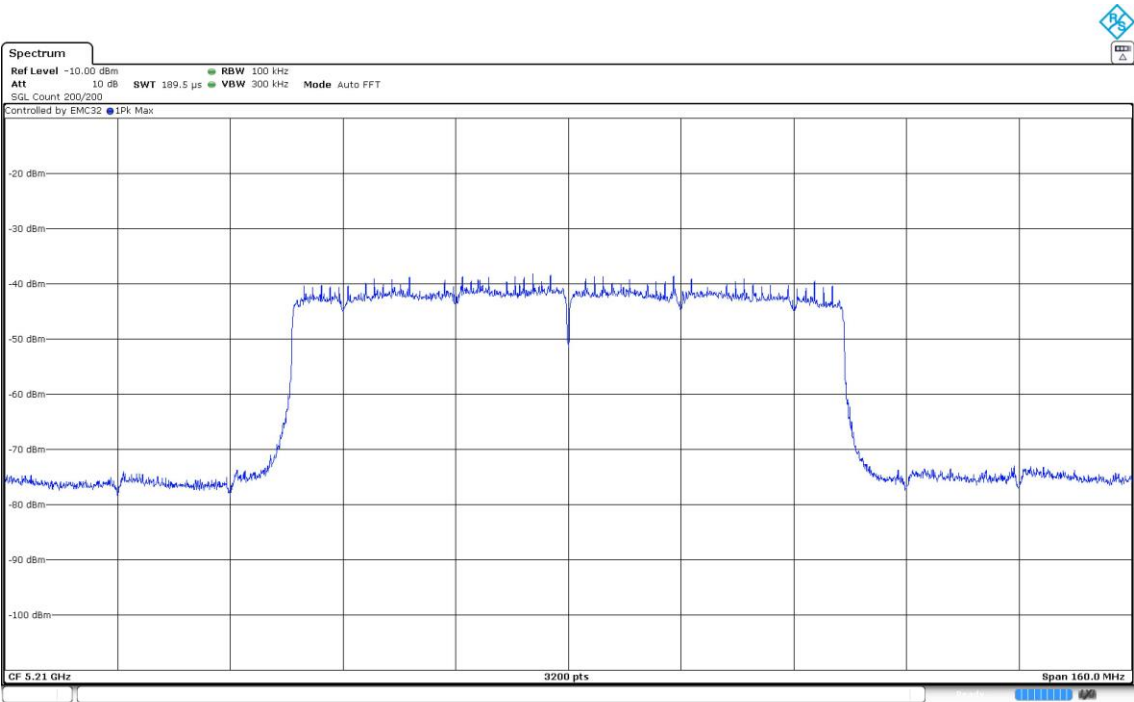
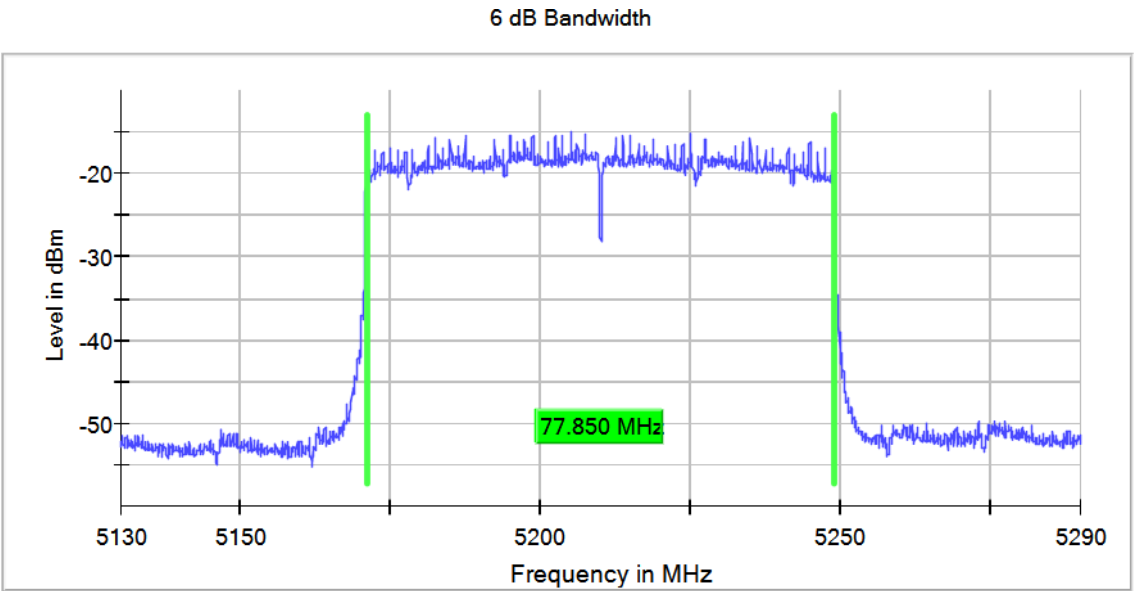
Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 (OFDM MCS0)
Antenna configuration = MIMO CDD Mode 2x2 Subcarrier Mode = SU

Images:



Verdict

Pass

Operation Band MHz = [5150, 5250]

Active Port = 2+3

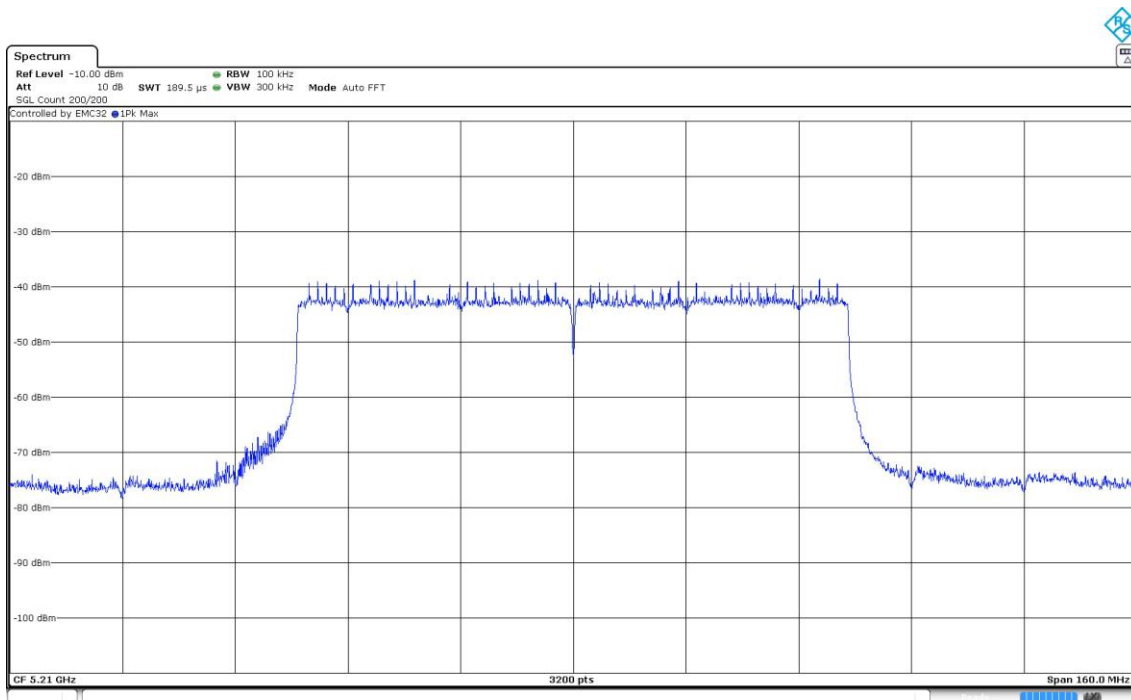
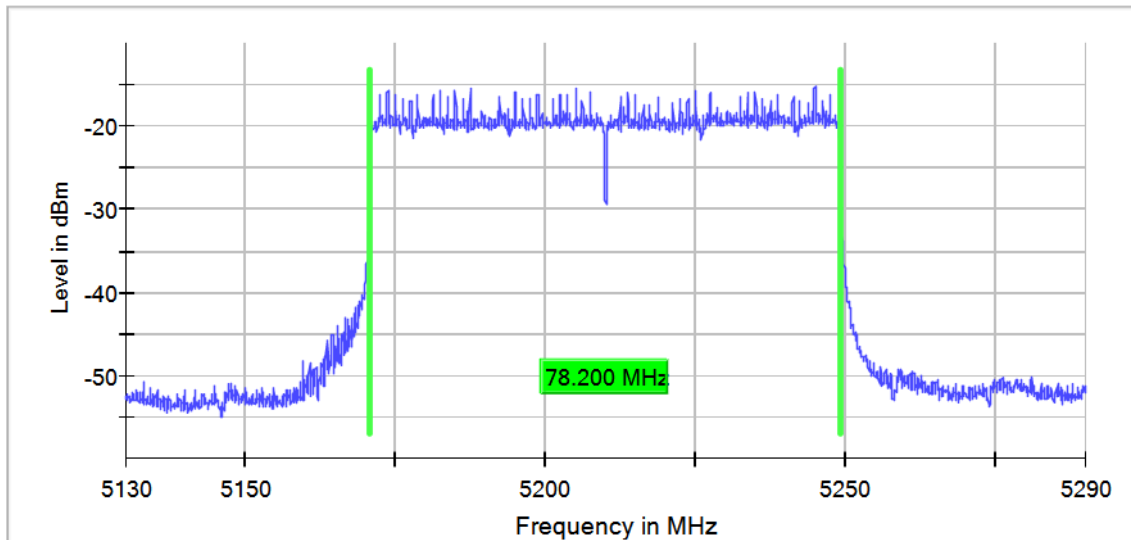
Frequency MHz = 5210.00000

Modulation = 802.11ax HE80 (OFDMA MCS0)

Antenna configuration = MIMO CDD Mode 2x2 Subcarrier Mode = RU

Images:

6 dB Bandwidth



RSS-247 6.2.1.2 / FCC 15.407 (b) (1) (6) [Rse] Transmitter Out of Band Radiated Emissions For transmitters operating in the 5.15–5.25 GHz

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 (68.23 dBμV/m at 3 m distance).

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

Frequency Range (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	300
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 40000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

Results

Spurious emissions were evaluated for the worst-case modes within each modulation family, including OFDM-based modulations (802.11g/n/ac) and OFDMA modulations (802.11ax). The modes with the highest power spectral density were selected for testing, as specified in ANSI C63.10-2013 Section 5.6.2.2 (b).

Frequency range 30 MHz – 1 GHz:

The spurious frequencies detected do not depend on either the modulation or the operating channel.

Spurious frequencies detected less than 20 dB below the limit:

Results

Operation Band (MHz)	Port	Freq Rng (GHz)	Freq (MHz)	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[5150, 5250]	1+2	[0.03, 1]	5220.00000	30.485	26.78	H	QP
				30.485	31.65	H	PK
				51.582	27.28	H	QP
				51.582	32.68	H	PK
				62.931	25.94	H	QP
				62.931	32.14	H	PK
				180.83	35.68	H	QP
				180.83	39.43	H	PK
				182.338	26.13	H	QP
				182.338	31.85	H	PK

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250]

Frequency Range GHz = [0.03, 1]

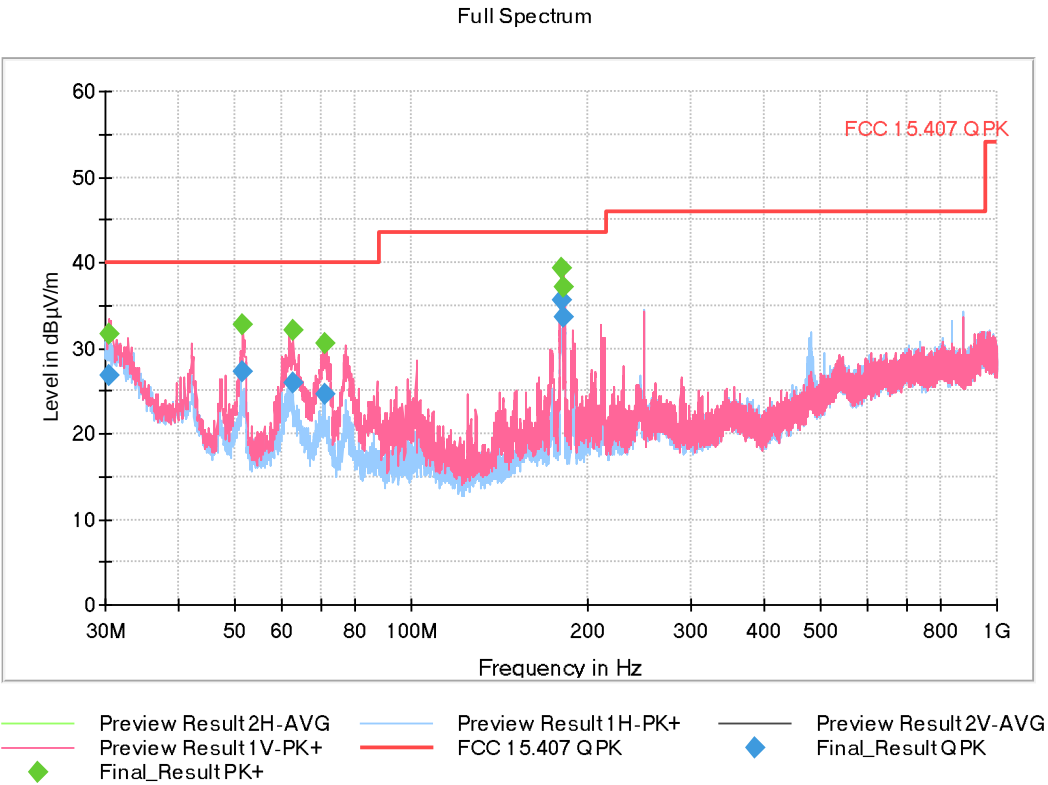
Modulation = The spurious frequencies detected do not depend on the modulation.

Active Port = 2+3

Frequency MHz = The spurious frequencies detected do not depend on the operating channel.

MIMO Mode = MIMO CDD Mode 2x2

Images:



Spectrum analyzer parameters:

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 1 GHz	50 kHz	PK+	100 kHz	0,01 s	0 dB

Frequency range 1 GHz – 17 GHz:

Modulation: 802.11n HT20 (OFDM MCS0) (worst-case OFDM modulation)

MIMO Mode: MIMO CDD Mode 2x2

No spurious frequencies detected at less than 20 dB below the limit.

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250]

Active Port = 2+3

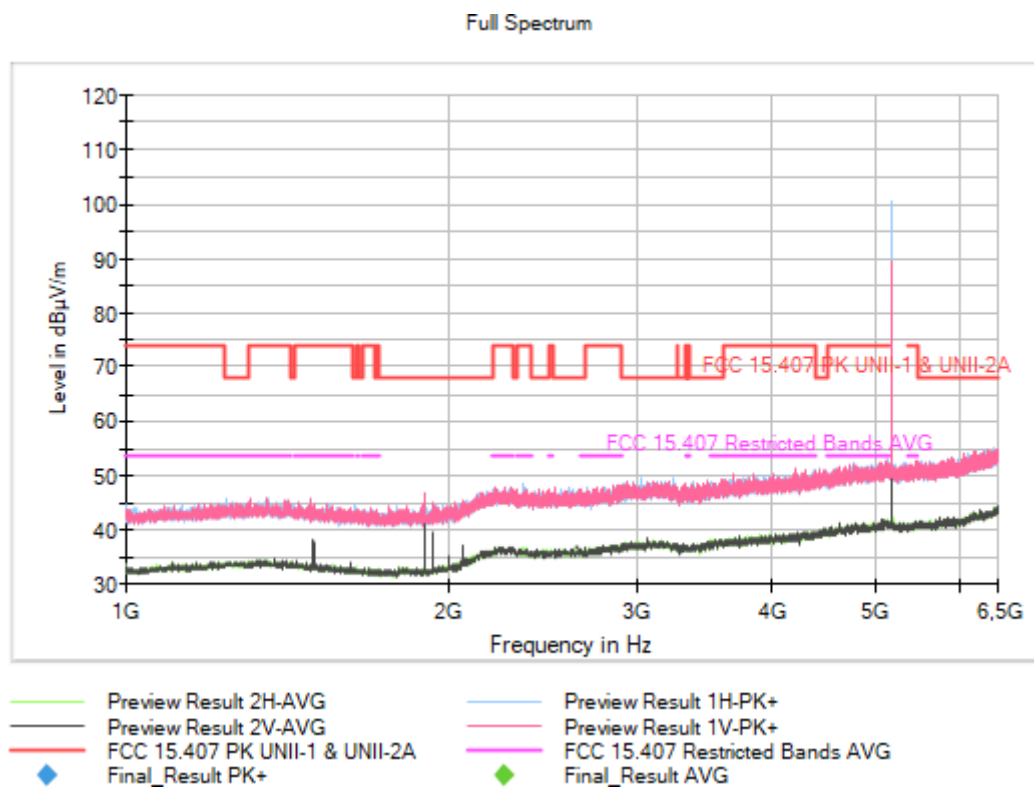
Frequency Range GHz = [1, 6.5]

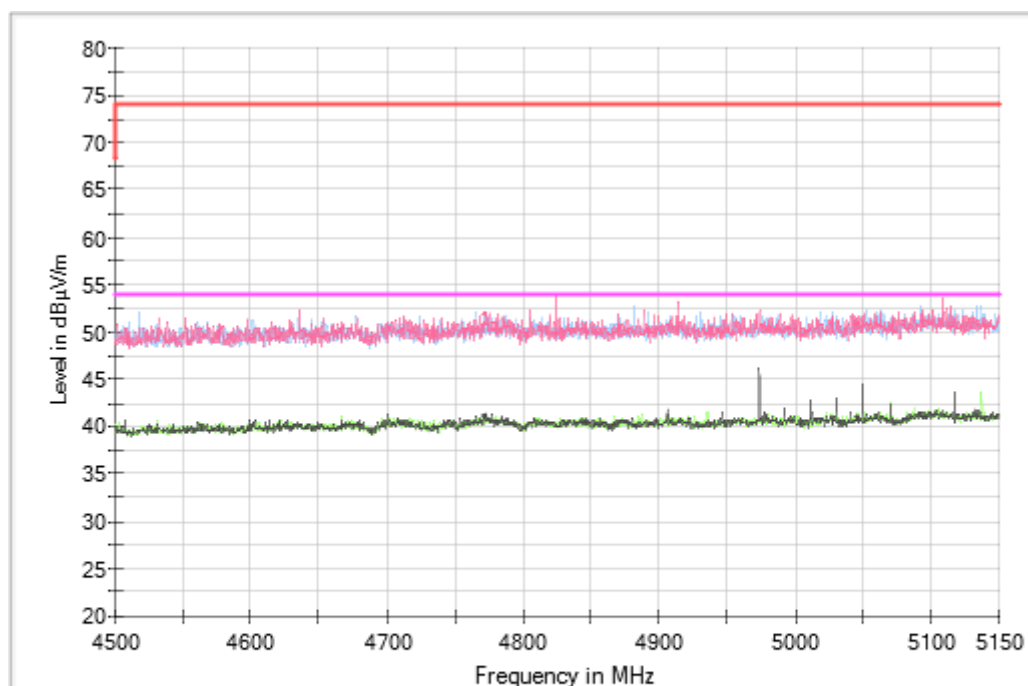
Frequency MHz = 5180.00000

Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = MIMO CDD Mode 2x2

Images:





Preview Result 2H-AVG
 Preview Result 2V-AVG
 FCC 15.407 PK UNII-1 & UNII-2A
 Final_Result PK+
 Preview Result 1H-PK+
 Preview Result 1V-PK+
 FCC 15.407 Restricted Bands AVG
 Final_Result AVG



Preview Result 2H-AVG
 Preview Result 2V-AVG
 FCC 15.407 PK UNII-1 & UNII-2A
 Final_Result PK+
 Preview Result 1H-PK+
 Preview Result 1V-PK+
 FCC 15.407 Restricted Bands AVG
 Final_Result AVG

Operation Band MHz = [5150, 5250]

Active Port = 2+3

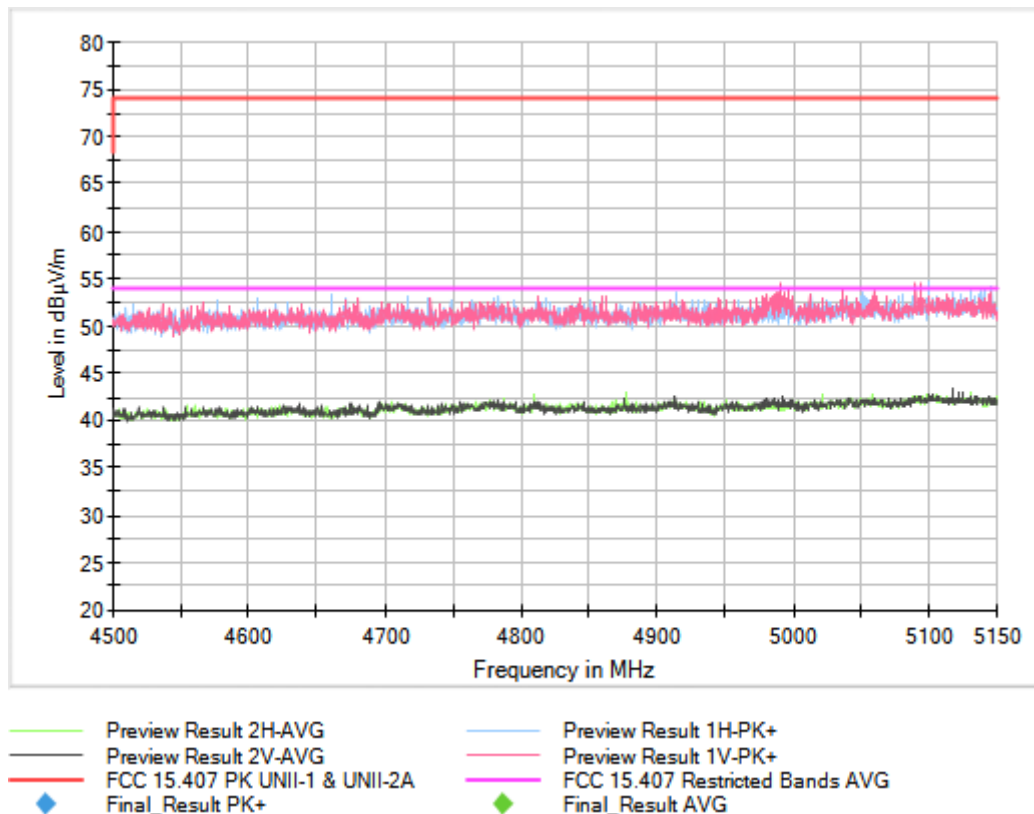
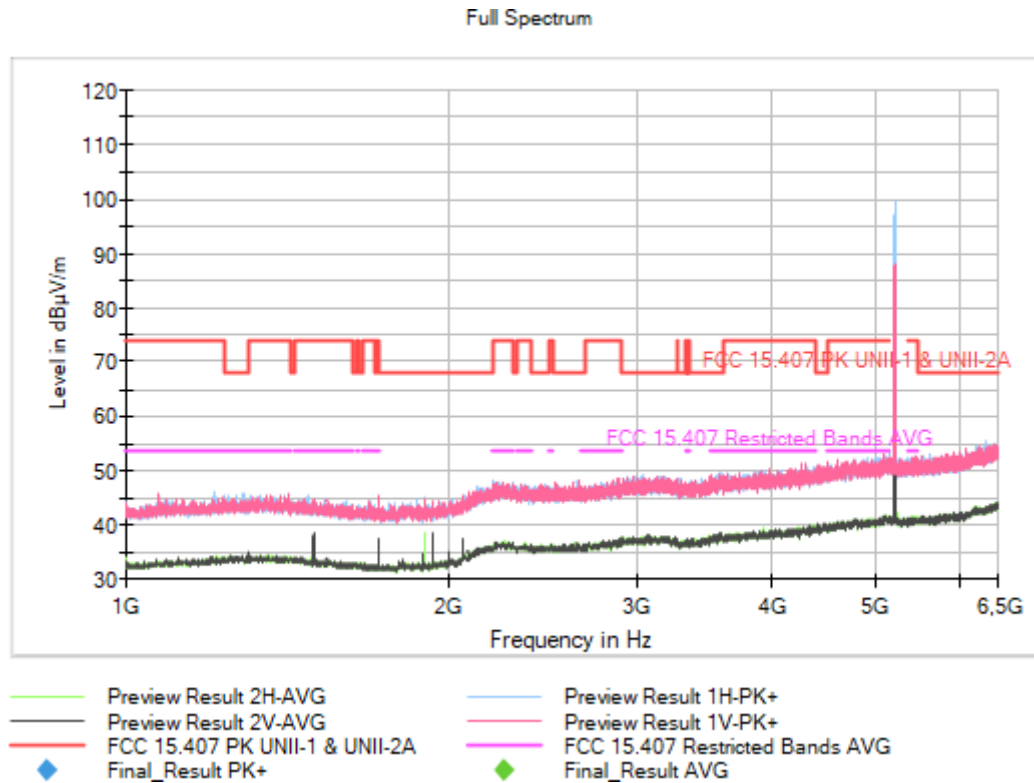
Frequency Range GHz = [1, 6.5]

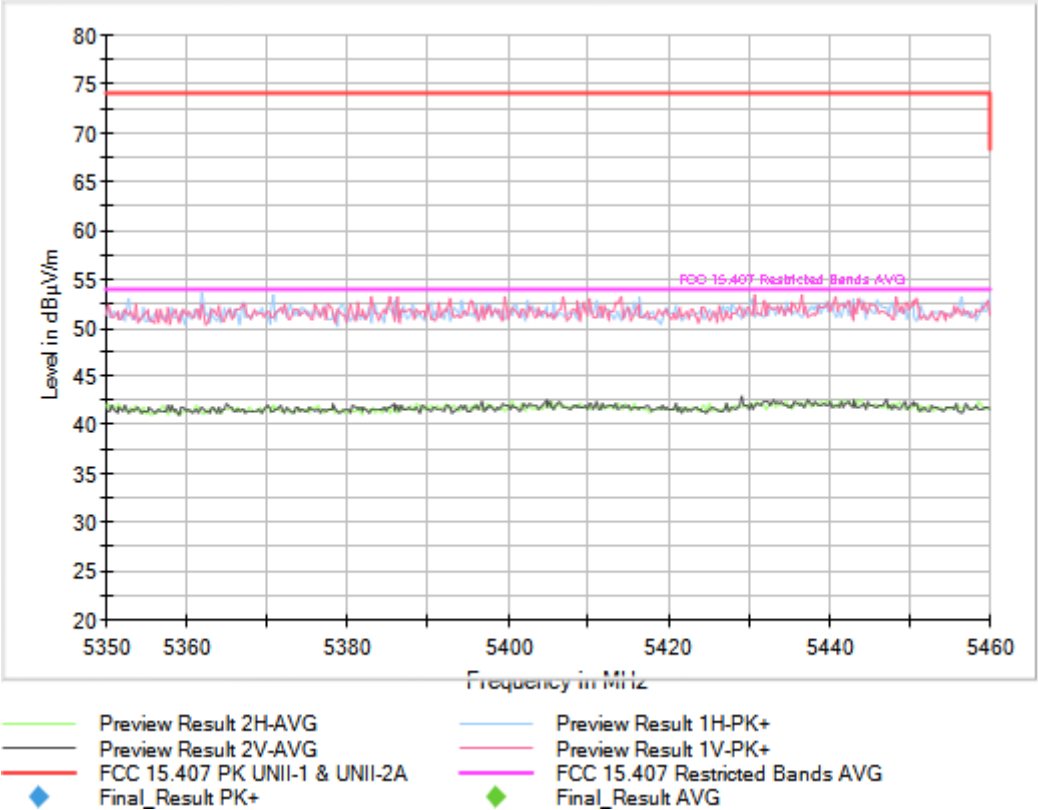
Frequency MHz = 5220.00000

Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = MIMO CDD Mode 2x2

Images:





Operation Band MHz = [5150, 5250]

Active Port = 2+3

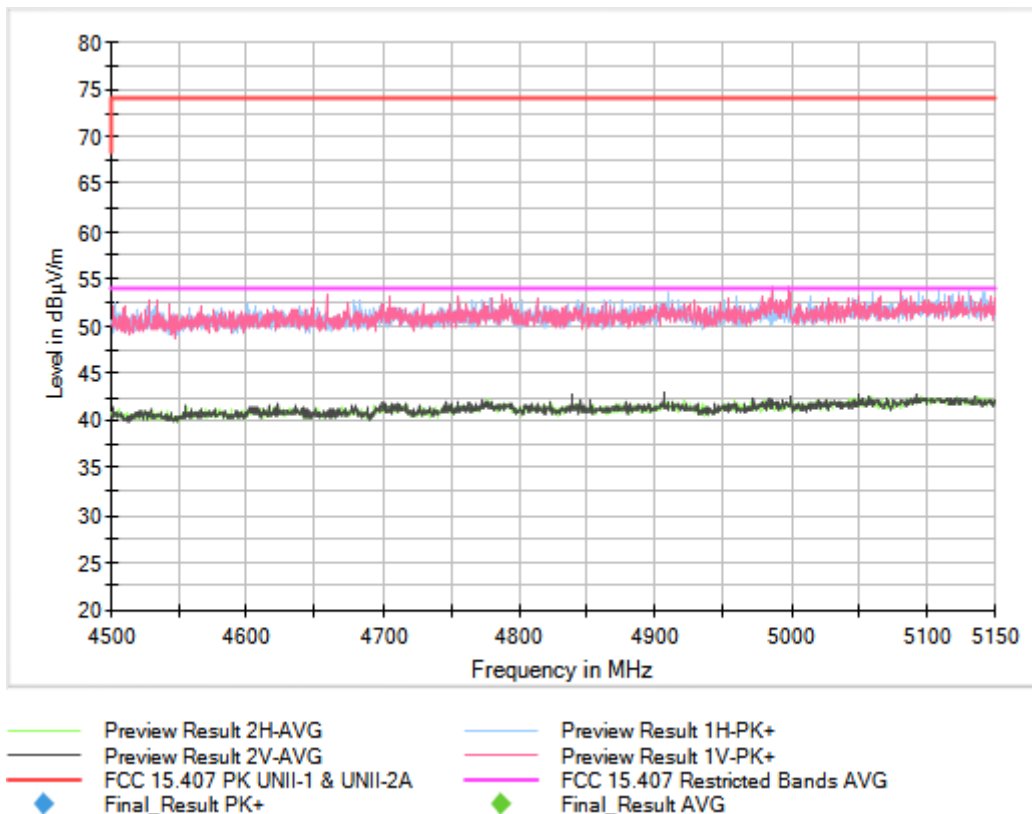
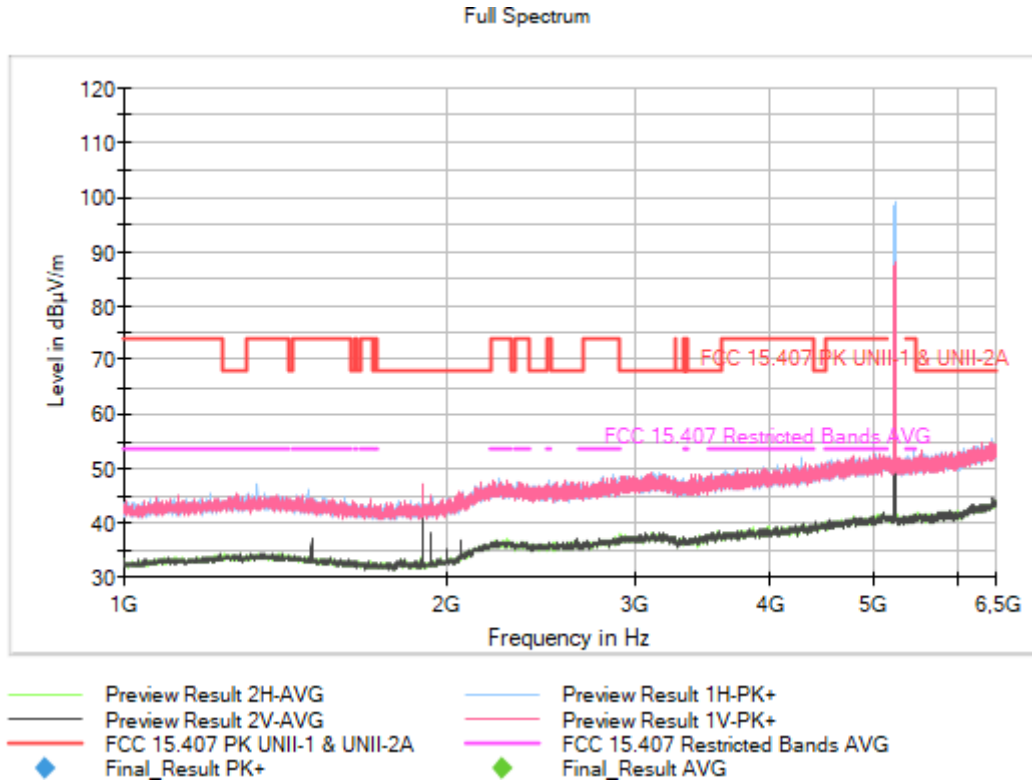
Frequency Range GHz = [1, 6.5]

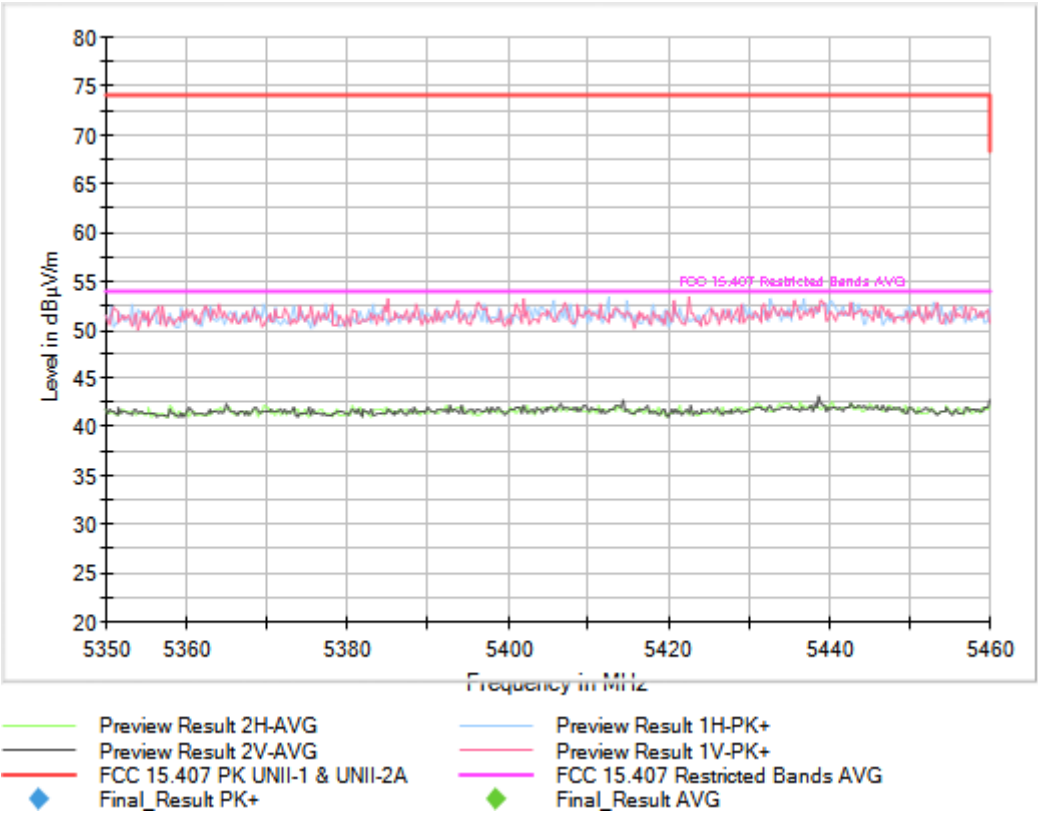
Frequency MHz = 5240.00000

Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = MIMO CDD Mode 2x2

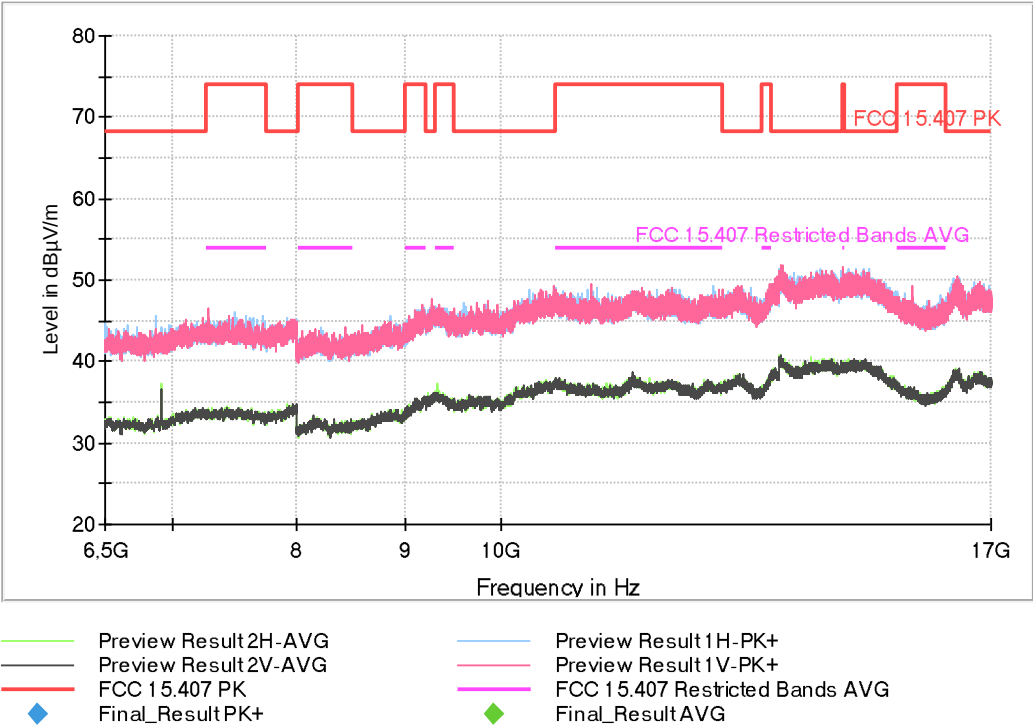
Images:





Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency Range GHz = [6.5, 17] Frequency MHz = 5240.00000
Modulation = 802.11n HT20 (OFDM MCS0) MIMO Mode = MIMO CDD Mode 2x2

Full Spectrum



Spectrum analyzer parameters:

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
1 GHz - 6,5 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB
6,5 GHz - 17 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB

Modulation: 802.11ax HE40 (OFDMA MCS0) – RU (worst-case OFDMA modulation)

MIMO Mode: MIMO CDD Mode 2x2

No spurious frequencies detected at less than 20 dB below the limit.

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250]

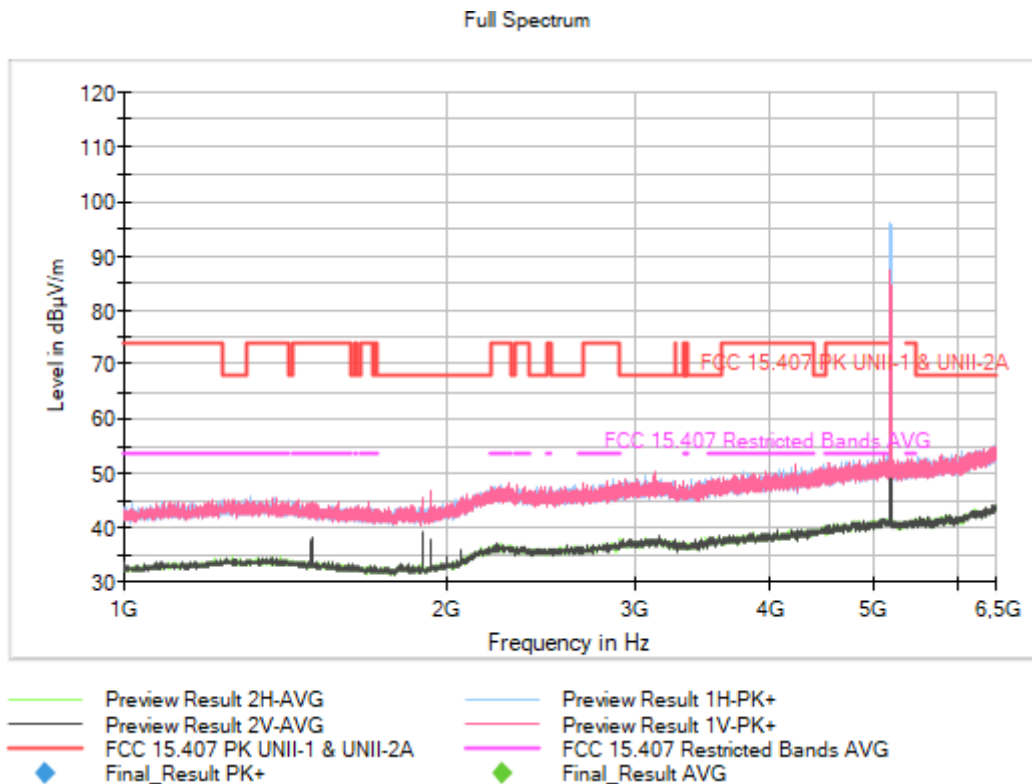
Active Port = 2+3

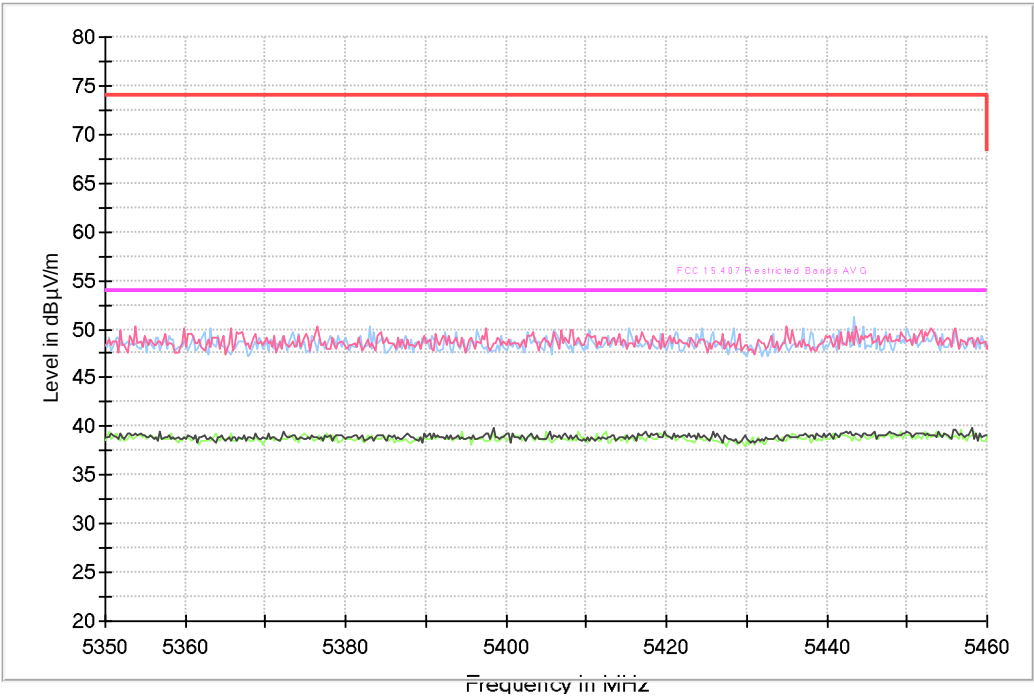
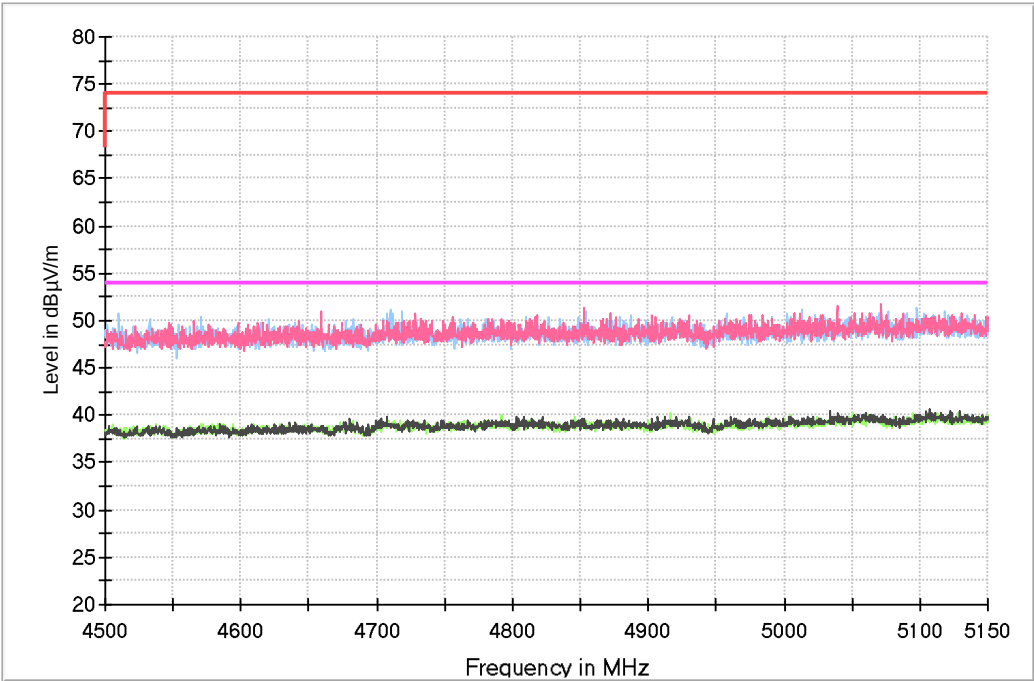
Frequency Range GHz = [1, 6.5]

Frequency MHz = 5190.00000

Modulation = 802.11ax HE40 (OFDMA MCS0) – RU MIMO Mode = MIMO CDD Mode 2x2

Images:





Operation Band MHz = [5150, 5250]

Active Port = 2+3

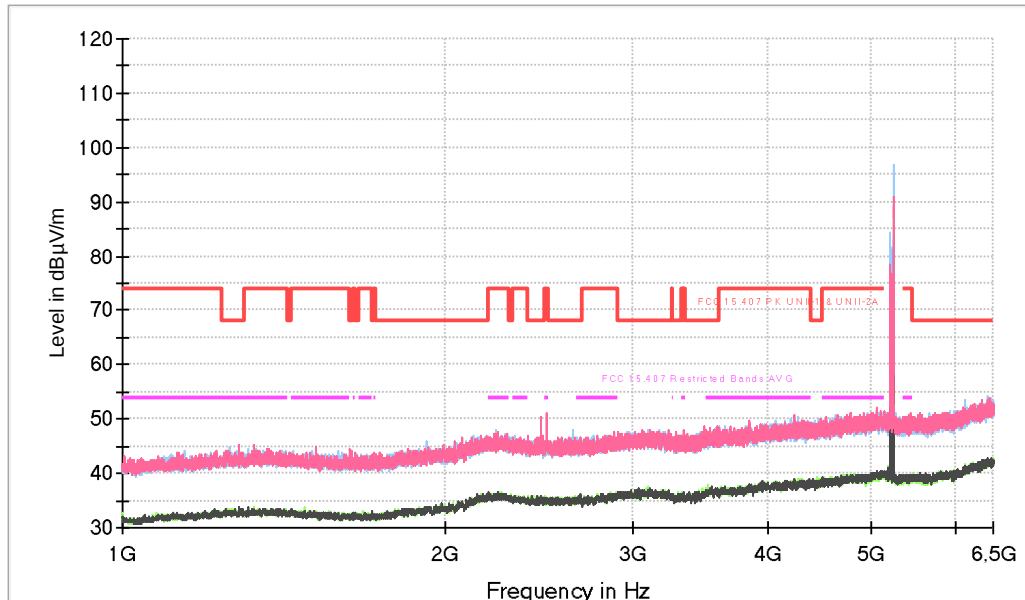
Frequency Range GHz = [1, 6.5]

Frequency MHz = 5230.00000

Modulation = 802.11ax HE40 (OFDMA MCS0) – RU MIMO Mode = MIMO CDD Mode 2x2

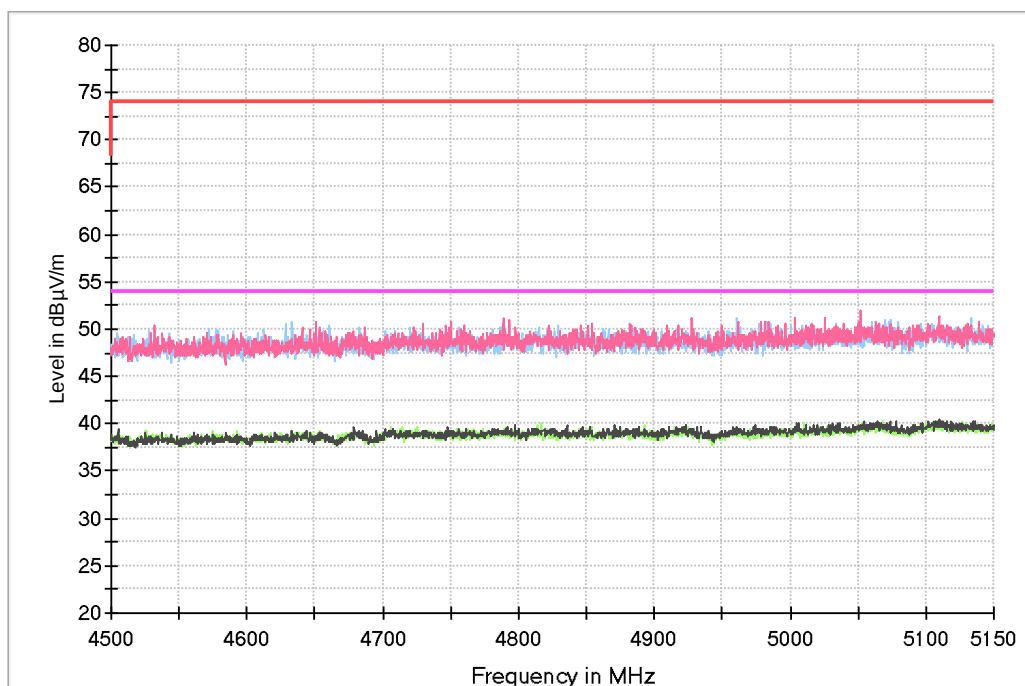
Images:

Full Spectrum



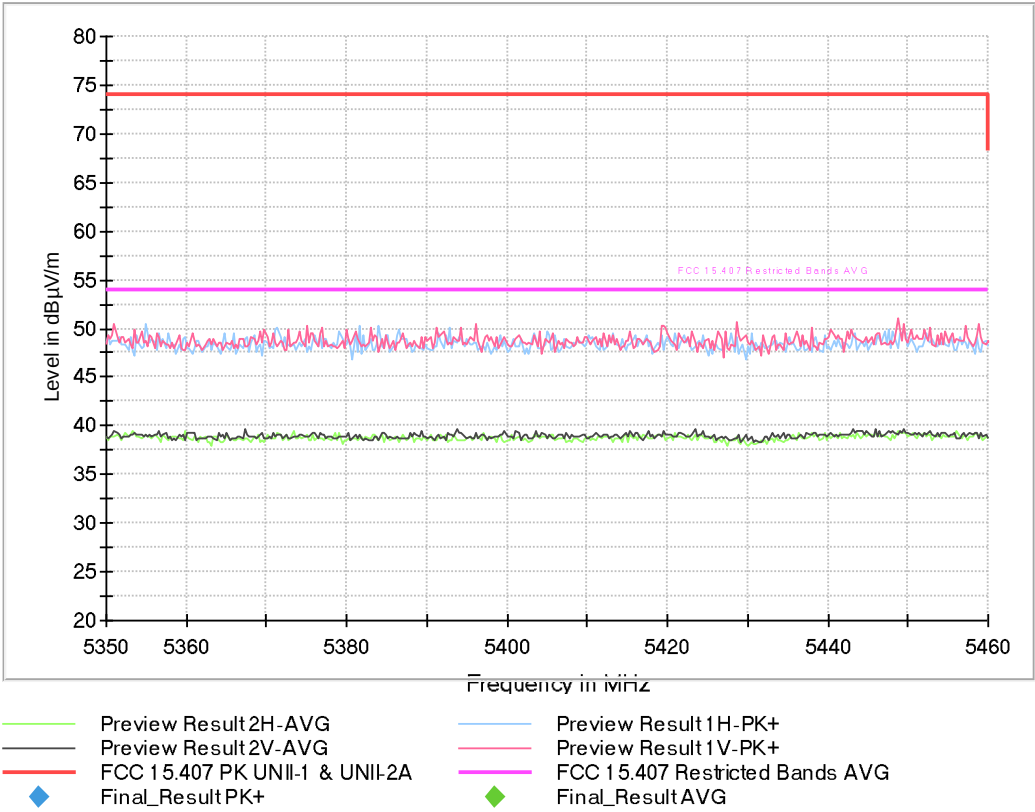
Preview Result 2H-AVG
 Preview Result 2V-AVG
 FCC 15.407 PK UNII-1 & UNII-2A
 Final_Result PK+

Preview Result 1H-PK+
 Preview Result 1V-PK+
 FCC 15.407 Restricted Bands AVG
 Final_Result AVG

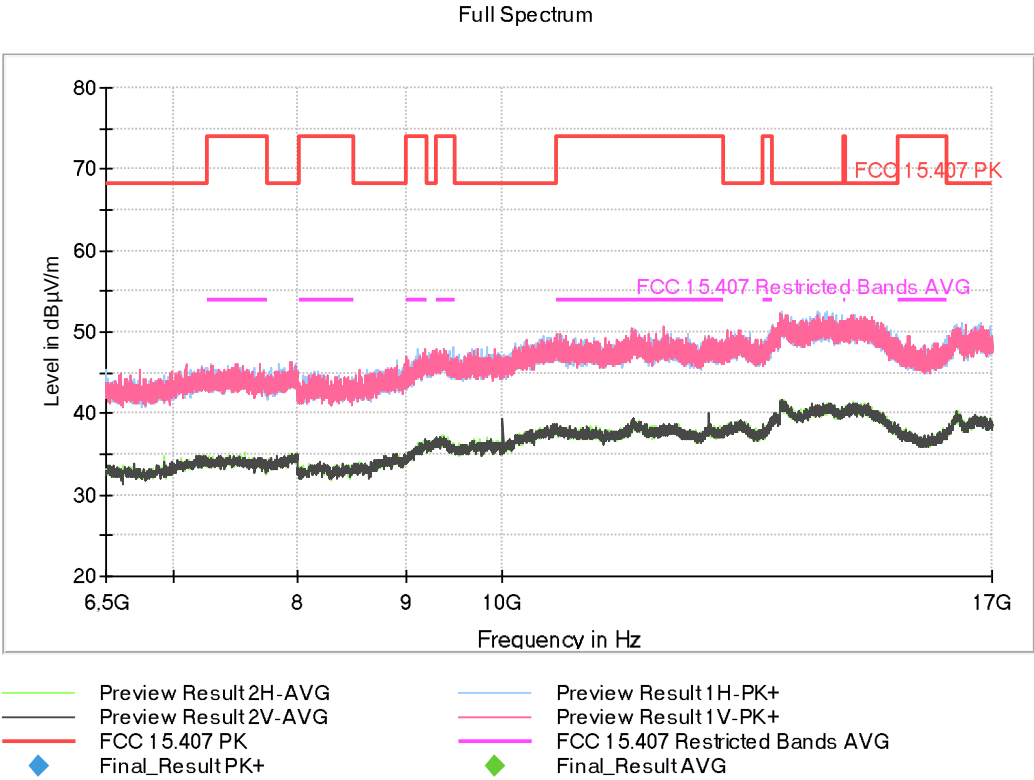


Preview Result 2H-AVG
 Preview Result 2V-AVG
 FCC 15.407 PK UNII-1 & UNII-2A
 Final_Result PK+

Preview Result 1H-PK+
 Preview Result 1V-PK+
 FCC 15.407 Restricted Bands AVG
 Final_Result AVG



Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency Range GHz = [6.5, 17] Frequency MHz = 5230.00000
Modulation = 802.11ax HE40 (OFDMA MCS0) – RU MIMO Mode = MIMO CDD Mode 2x2



Spectrum analyzer parameters:

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
1 GHz - 6,5 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB
6,5 GHz - 17 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB

Frequency range 17 GHz – 40 GHz:

The spurious frequencies detected do not depend on either the modulation or the operating channel.

No spurious frequencies detected at less than 20 dB below the limit.

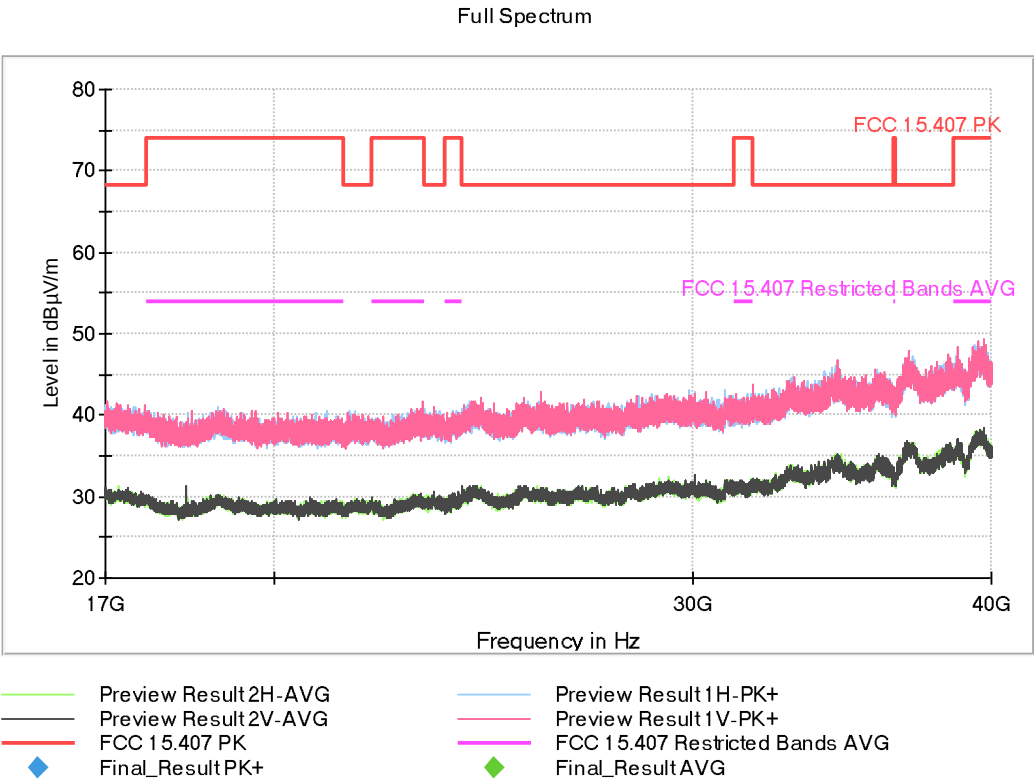
Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250]	Active Port = 2+3
Frequency Range GHz = [17, 40]	Frequency MHz = The spurious frequencies detected do not depend on the operating channel.
Modulation = The spurious frequencies detected do not depend on the modulation.	MIMO Mode = MIMO CDD Mode 2x2

Images:



Spectrum analyzer parameters:

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
17 GHz - 40 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB

RSS-247 6.2.1.2 / FCC 15.407 (b) (1) [Bndedge] Transmitter Out of Band Radiated Emissions for UNII-1

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).

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

Frequency Range (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	300
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 40000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

RSS 247: Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz.

Modulation: 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)

Results

Operation Band (MHz)	Port	Freq (MHz)	Antenna configuration	Freq (MHz)	Lvl (dBm)
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4986.250000	-52.8
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4986.750000	-53.0
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4991.750000	-53.2
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4989.250000	-53.4
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4996.750000	-53.4
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4984.750000	-53.5
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4985.750000	-53.6
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4983.750000	-53.7
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4987.250000	-53.8
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4987.750000	-53.8

Operation Band (MHz)	Port	Freq (MHz)	Antenna configuration	Freq (MHz)	Lvl (dBm)
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4991.250000	-53.8
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4988.250000	-53.8
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4992.250000	-53.8
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4995.750000	-53.9
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4984.250000	-53.9
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5433.250000	-53.7
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5431.250000	-53.7
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5438.250000	-54.1
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5432.750000	-54.3
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5438.750000	-54.4
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5457.750000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5430.250000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5436.250000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5425.250000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5429.250000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5424.750000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5425.750000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5374.250000	-54.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5450.750000	-54.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5429.750000	-54.6

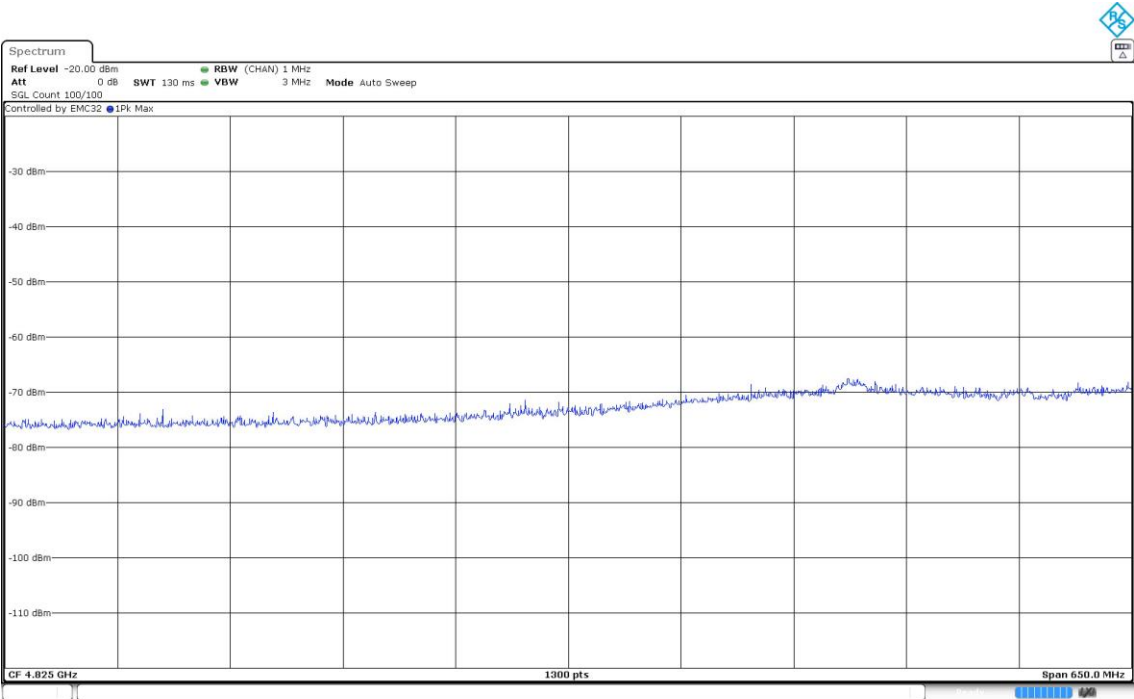
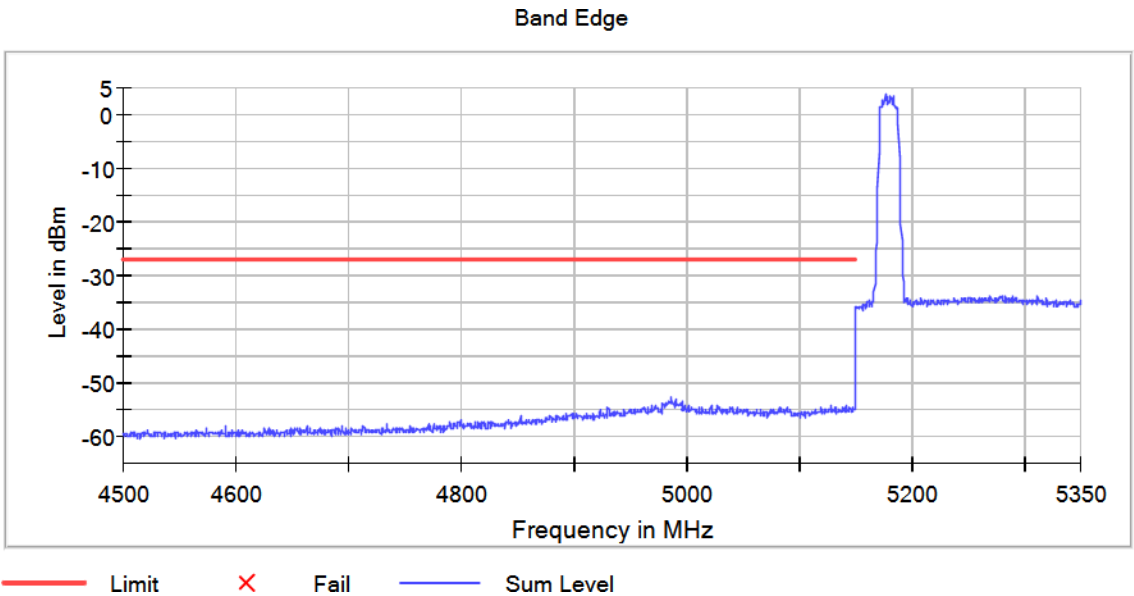
Verdict

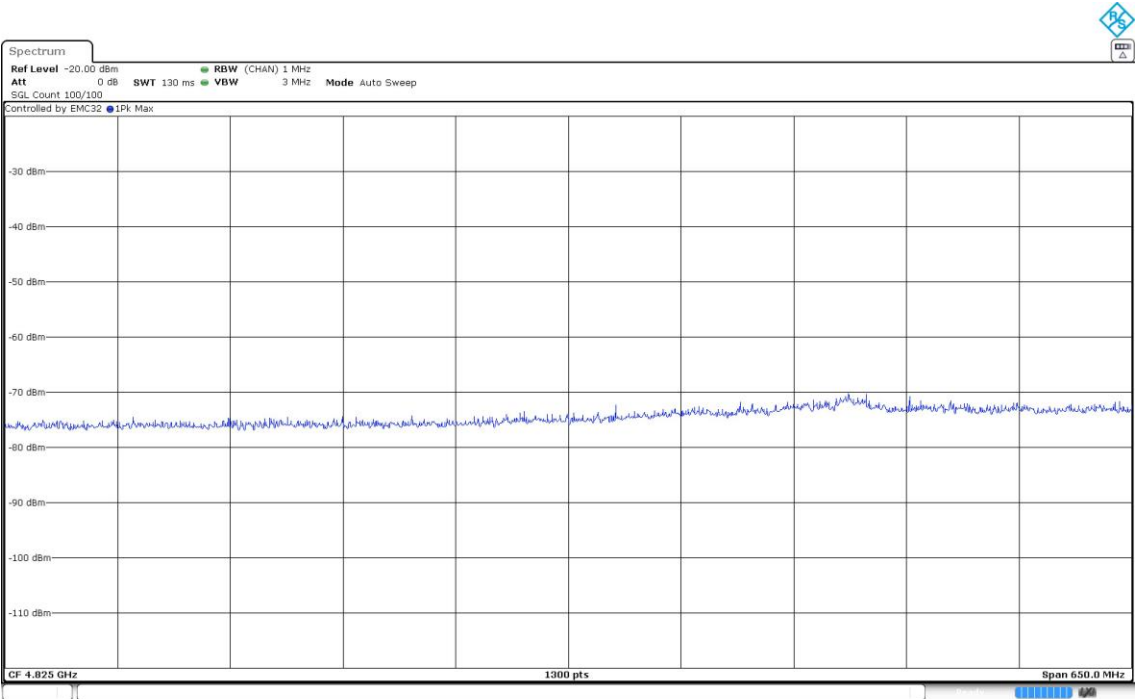
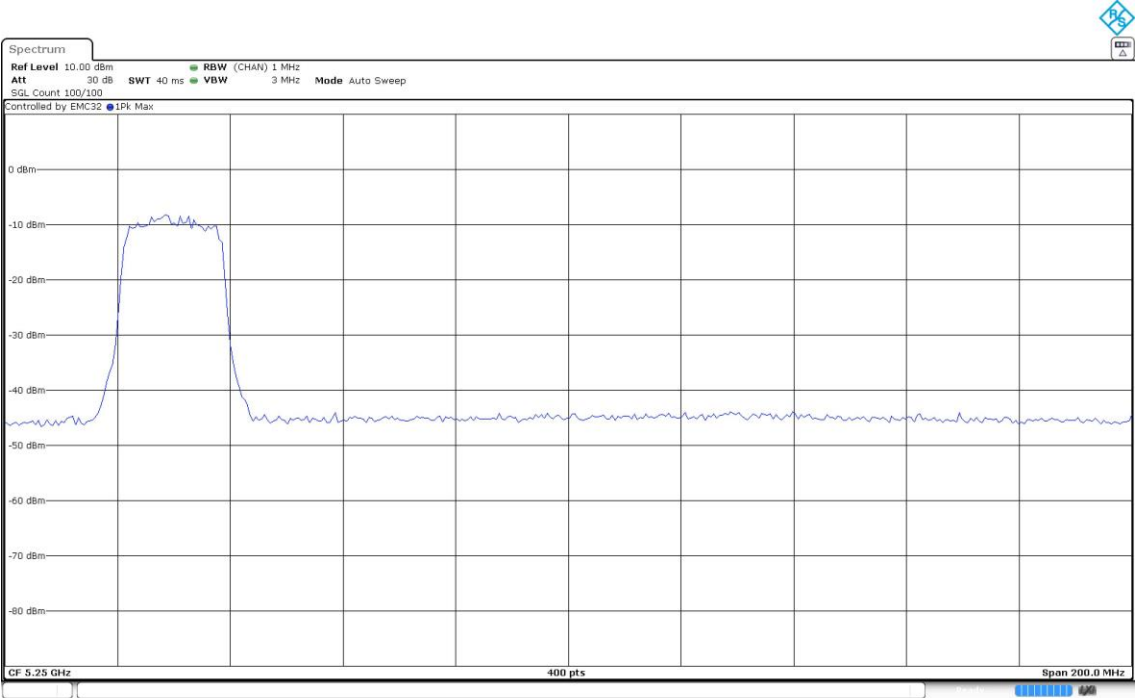
Pass

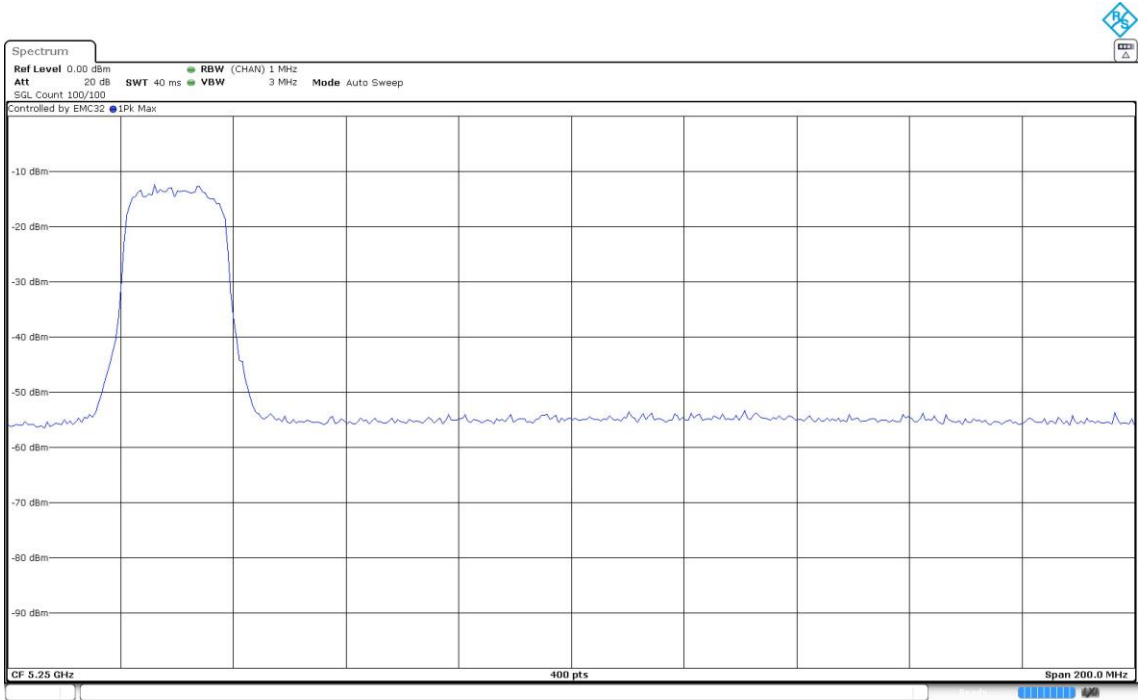
Attachments

Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5180.00000 Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)
Antenna configuration = MIMO CDD Mode 2x2

Images:







Tables:
Spectrum Analyzer Parameters

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
4986.250000	-52.775	25.8	-27.000	PASS
4986.750000	-53.003	26.0	-27.000	PASS
4991.750000	-53.250	26.3	-27.000	PASS
4989.250000	-53.430	26.4	-27.000	PASS
4996.750000	-53.443	26.4	-27.000	PASS
4984.750000	-53.517	26.5	-27.000	PASS
4985.750000	-53.576	26.6	-27.000	PASS
4983.750000	-53.744	26.7	-27.000	PASS
4987.250000	-53.762	26.8	-27.000	PASS
4987.750000	-53.769	26.8	-27.000	PASS
4991.250000	-53.779	26.8	-27.000	PASS
4988.250000	-53.827	26.8	-27.000	PASS
4992.250000	-53.829	26.8	-27.000	PASS
4995.750000	-53.862	26.9	-27.000	PASS
4984.250000	-53.865	26.9	-27.000	PASS

Operation Band MHz = [5150, 5250]

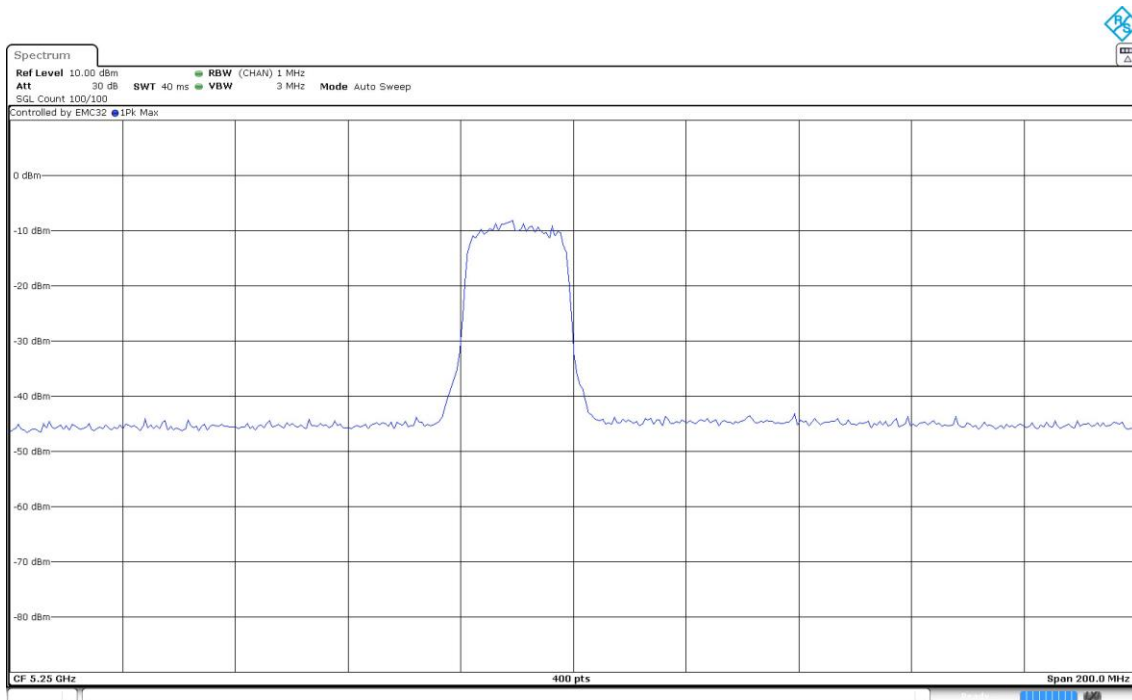
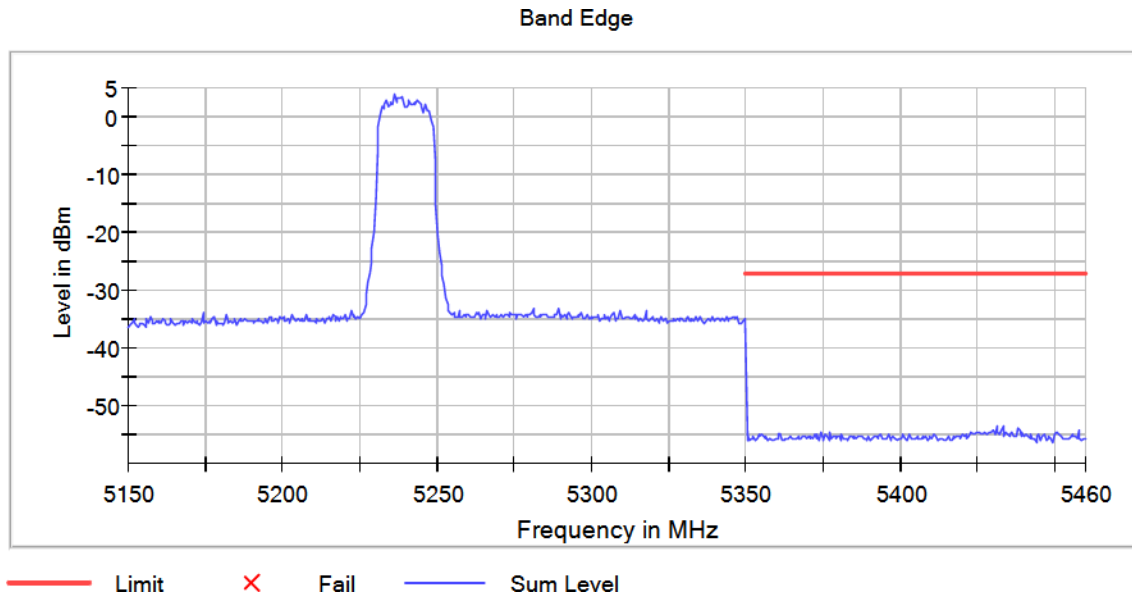
Active Port = 2+3

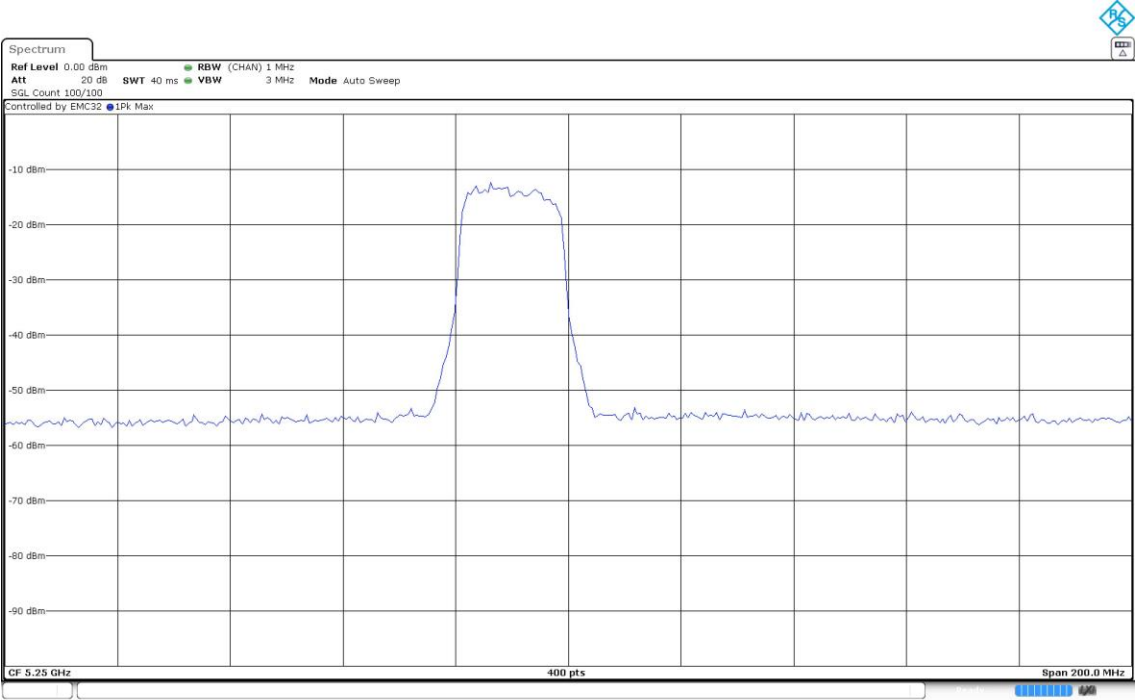
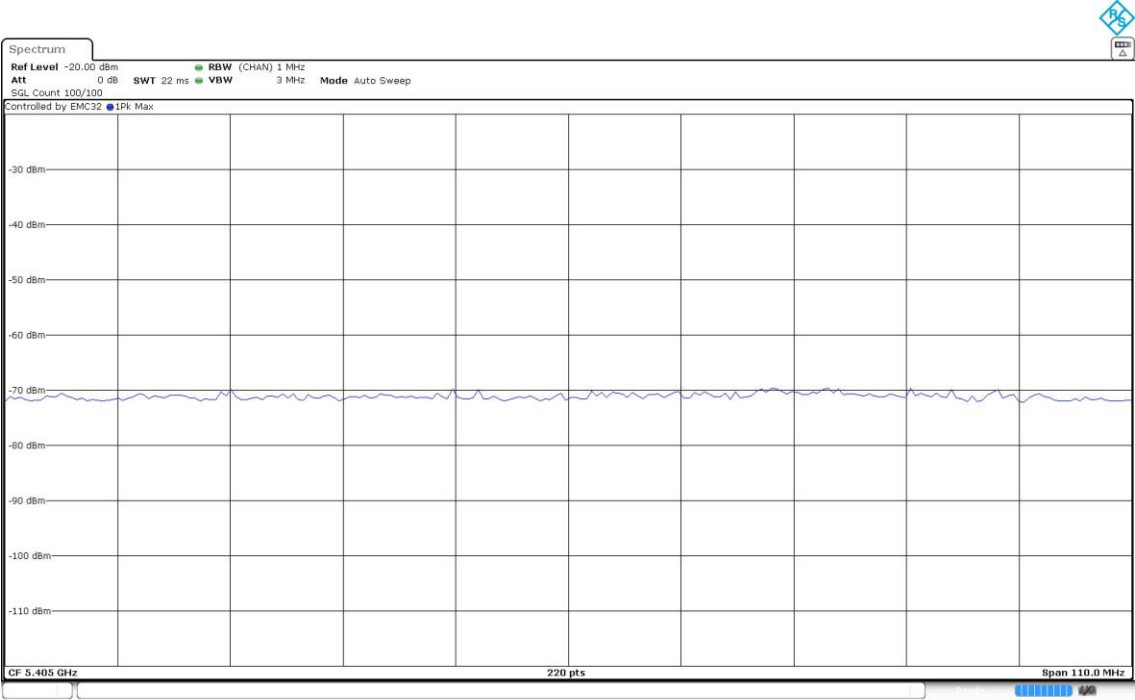
Frequency MHz = 5240.00000

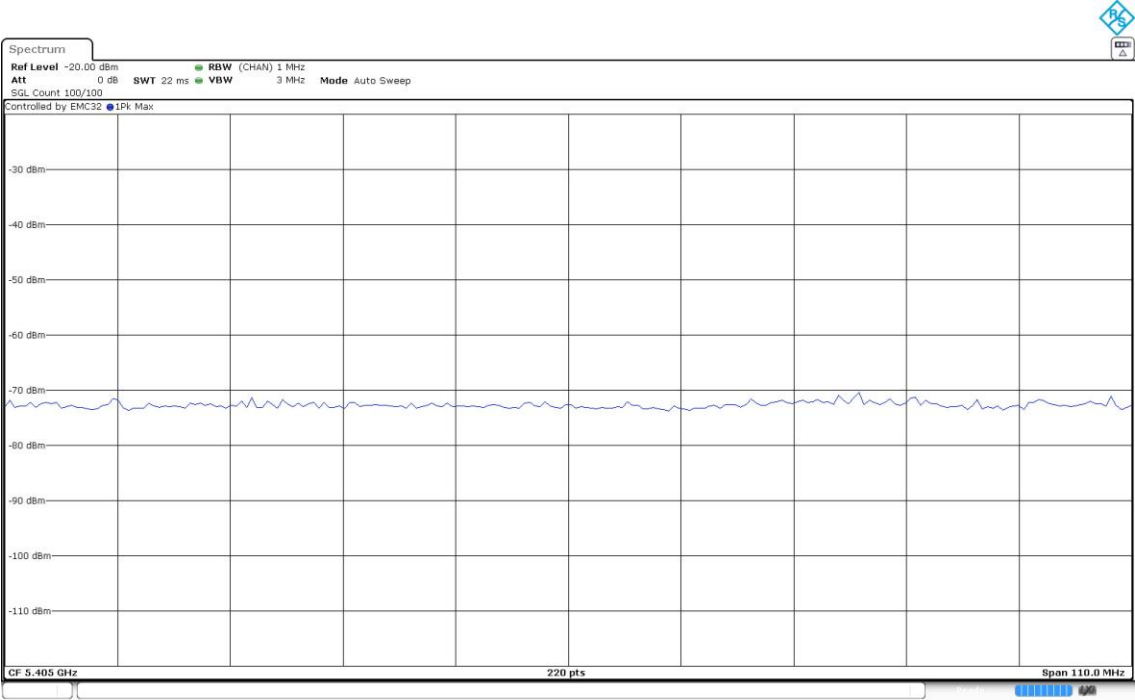
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)

Antenna configuration = MIMO CDD Mode 2x2

Images:







Tables:
Spectrum Analyzer Parameters

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5433.250000	-53.709	26.7	-27.000	PASS
5431.250000	-53.744	26.7	-27.000	PASS
5438.250000	-54.078	27.1	-27.000	PASS
5432.750000	-54.312	27.3	-27.000	PASS
5438.750000	-54.440	27.4	-27.000	PASS
5457.750000	-54.450	27.5	-27.000	PASS
5430.250000	-54.460	27.5	-27.000	PASS
5436.250000	-54.521	27.5	-27.000	PASS
5425.250000	-54.541	27.5	-27.000	PASS
5429.250000	-54.543	27.5	-27.000	PASS
5424.750000	-54.545	27.5	-27.000	PASS
5425.750000	-54.547	27.5	-27.000	PASS
5374.250000	-54.562	27.6	-27.000	PASS
5450.750000	-54.571	27.6	-27.000	PASS
5429.750000	-54.594	27.6	-27.000	PASS

Modulation: 802.11n HT40 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Freq (MHz)	Lvl (dBm)
[5150, 5250]	2+3	5190.00000	5146.750000	-50.6
[5150, 5250]	2+3	5190.00000	5146.250000	-50.7
[5150, 5250]	2+3	5190.00000	5149.250000	-50.7
[5150, 5250]	2+3	5190.00000	5145.750000	-50.8
[5150, 5250]	2+3	5190.00000	5149.750000	-50.9
[5150, 5250]	2+3	5190.00000	5148.750000	-50.9
[5150, 5250]	2+3	5190.00000	5148.250000	-51.0
[5150, 5250]	2+3	5190.00000	5147.250000	-51.0
[5150, 5250]	2+3	5190.00000	5147.750000	-51.1
[5150, 5250]	2+3	5190.00000	5000.750000	-51.5
[5150, 5250]	2+3	5190.00000	5145.250000	-51.6
[5150, 5250]	2+3	5190.00000	5144.750000	-51.9
[5150, 5250]	2+3	5190.00000	5142.750000	-52.3
[5150, 5250]	2+3	5190.00000	4983.250000	-52.3
[5150, 5250]	2+3	5190.00000	5144.250000	-52.4
[5150, 5250]	2+3	5230.00000	5355.250000	-52.7
[5150, 5250]	2+3	5230.00000	5429.250000	-52.8
[5150, 5250]	2+3	5230.00000	5387.750000	-52.9
[5150, 5250]	2+3	5230.00000	5423.250000	-53.3
[5150, 5250]	2+3	5230.00000	5392.250000	-53.3
[5150, 5250]	2+3	5230.00000	5369.250000	-53.3
[5150, 5250]	2+3	5230.00000	5351.250000	-53.4
[5150, 5250]	2+3	5230.00000	5386.750000	-53.4
[5150, 5250]	2+3	5230.00000	5373.250000	-53.4
[5150, 5250]	2+3	5230.00000	5361.750000	-53.4
[5150, 5250]	2+3	5230.00000	5374.750000	-53.4
[5150, 5250]	2+3	5230.00000	5365.250000	-53.4
[5150, 5250]	2+3	5230.00000	5367.250000	-53.4
[5150, 5250]	2+3	5230.00000	5374.250000	-53.5
[5150, 5250]	2+3	5230.00000	5365.750000	-53.5

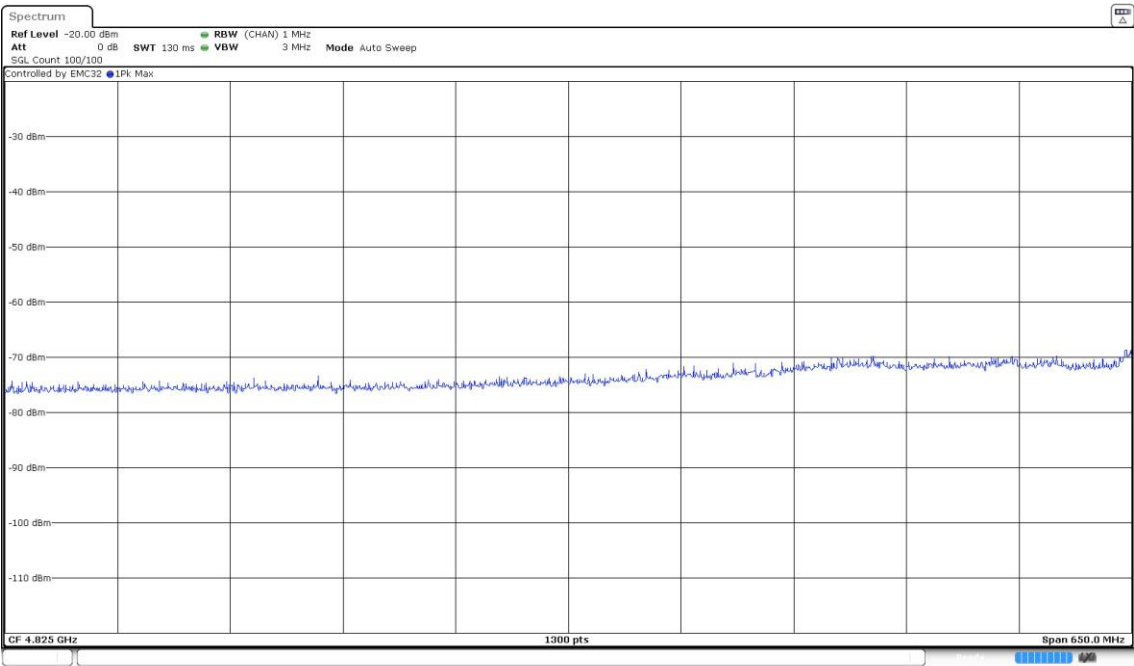
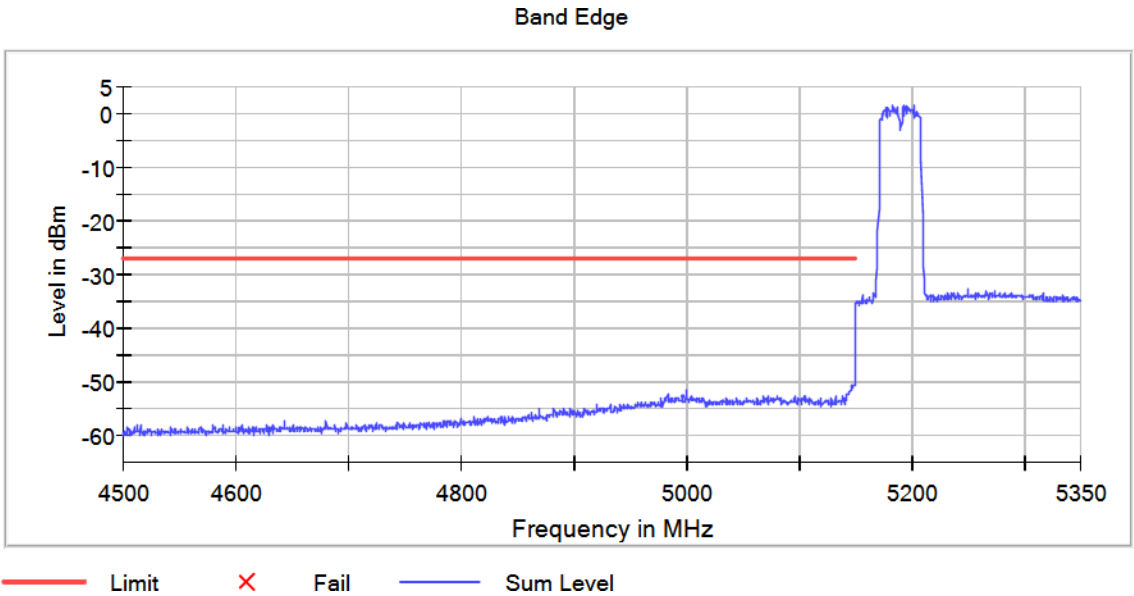
Verdict

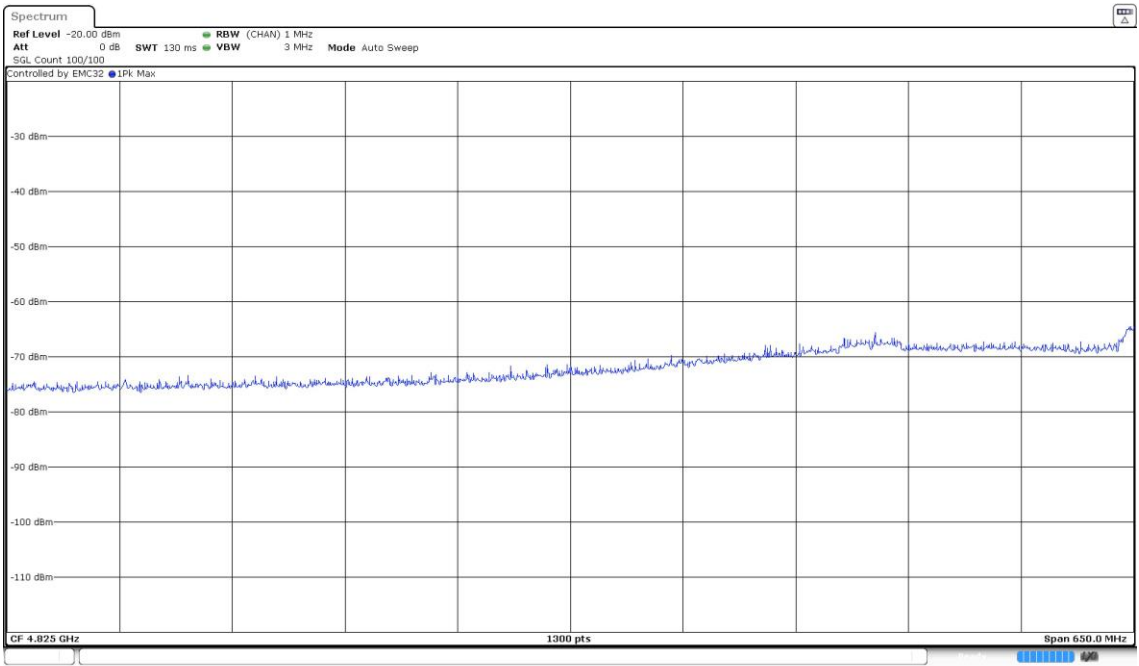
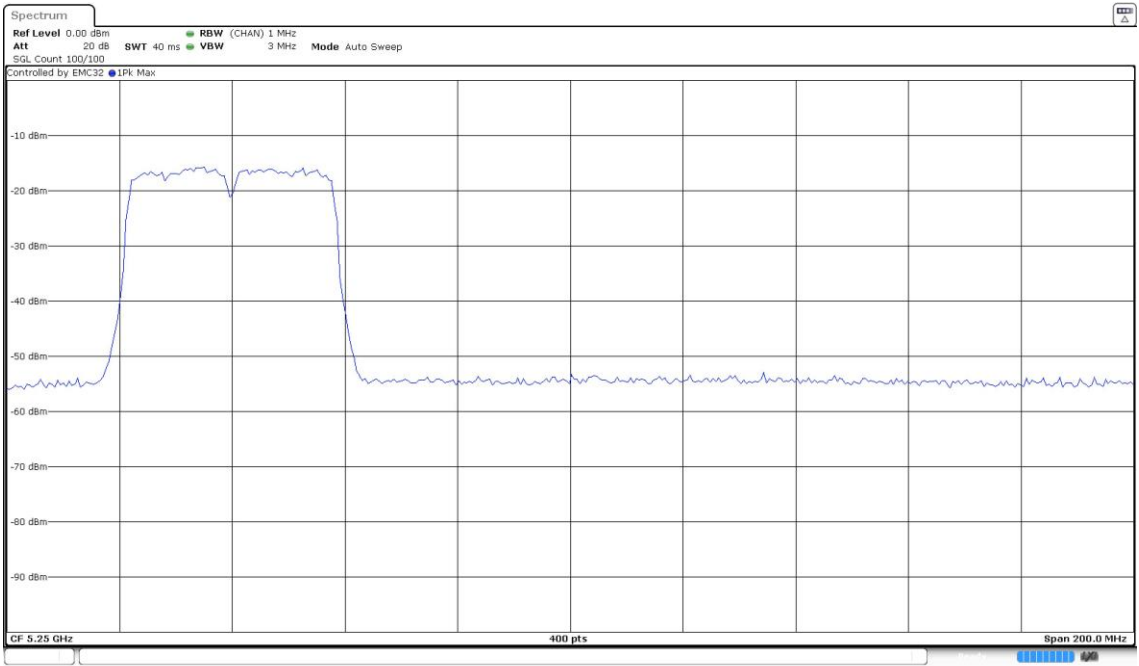
Pass

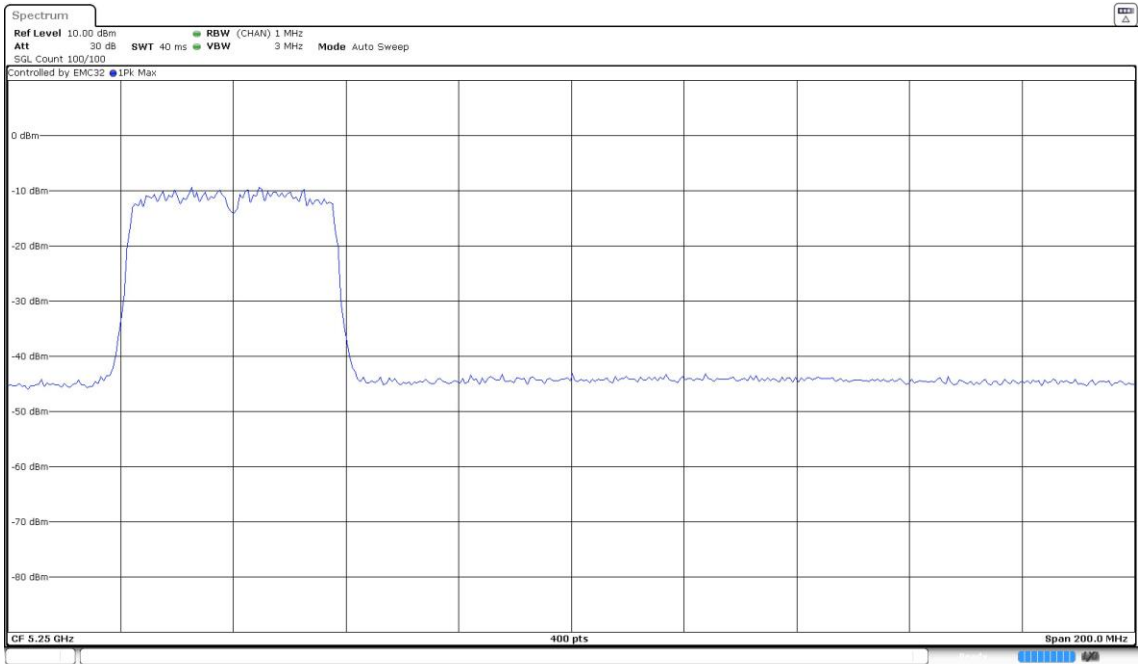
Attachments

Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5190.00000 Modulation = 802.11n HT40 (OFDM MCS0)

Images:





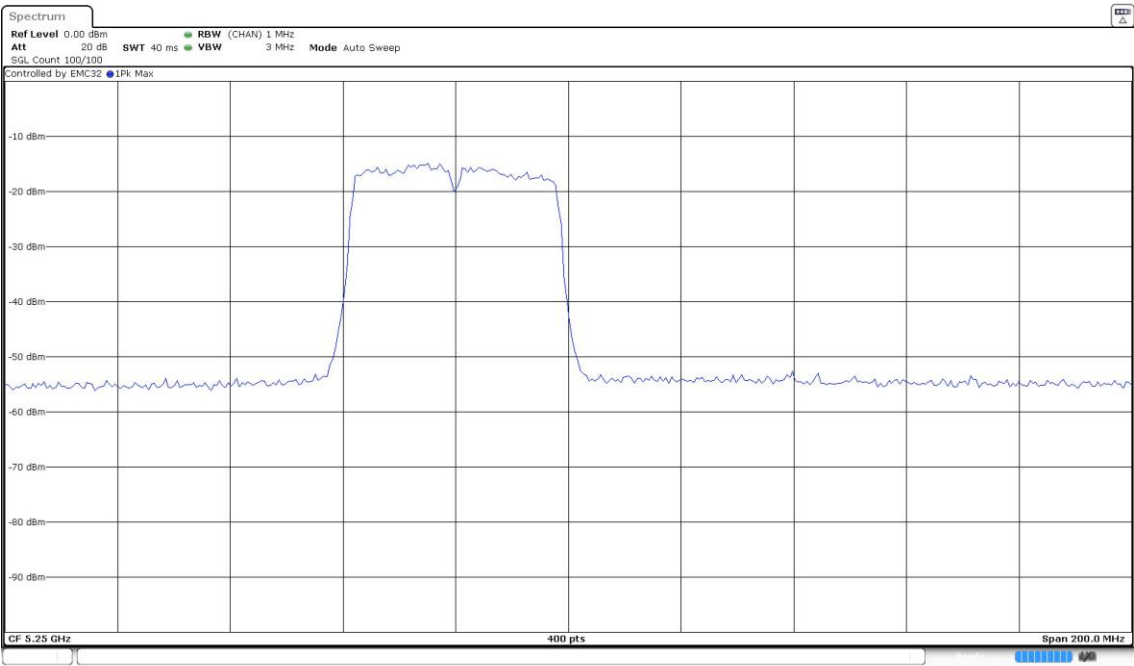
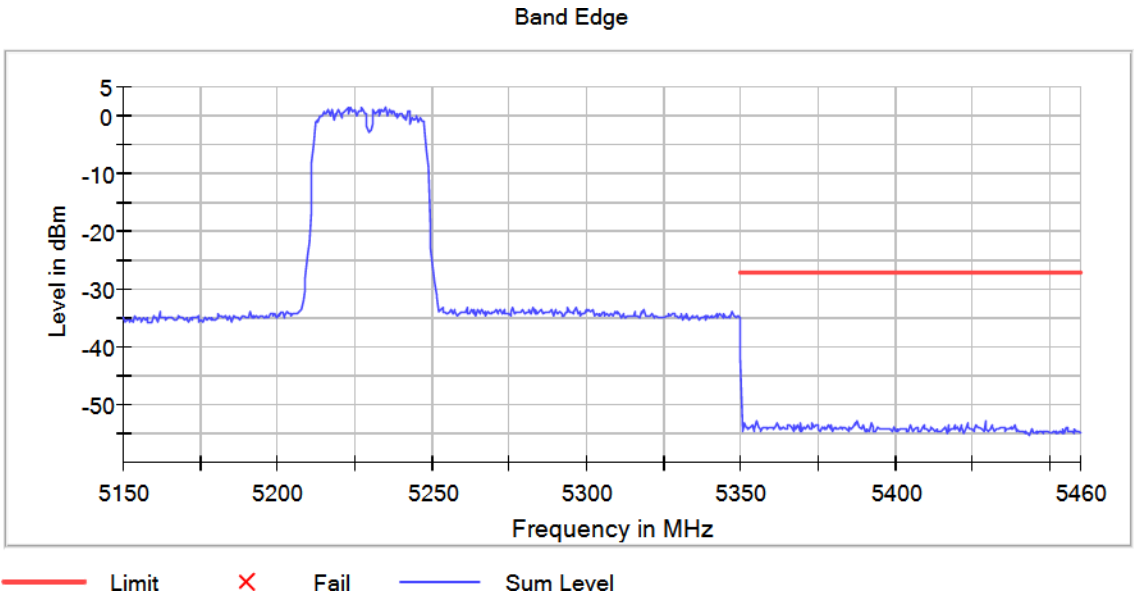


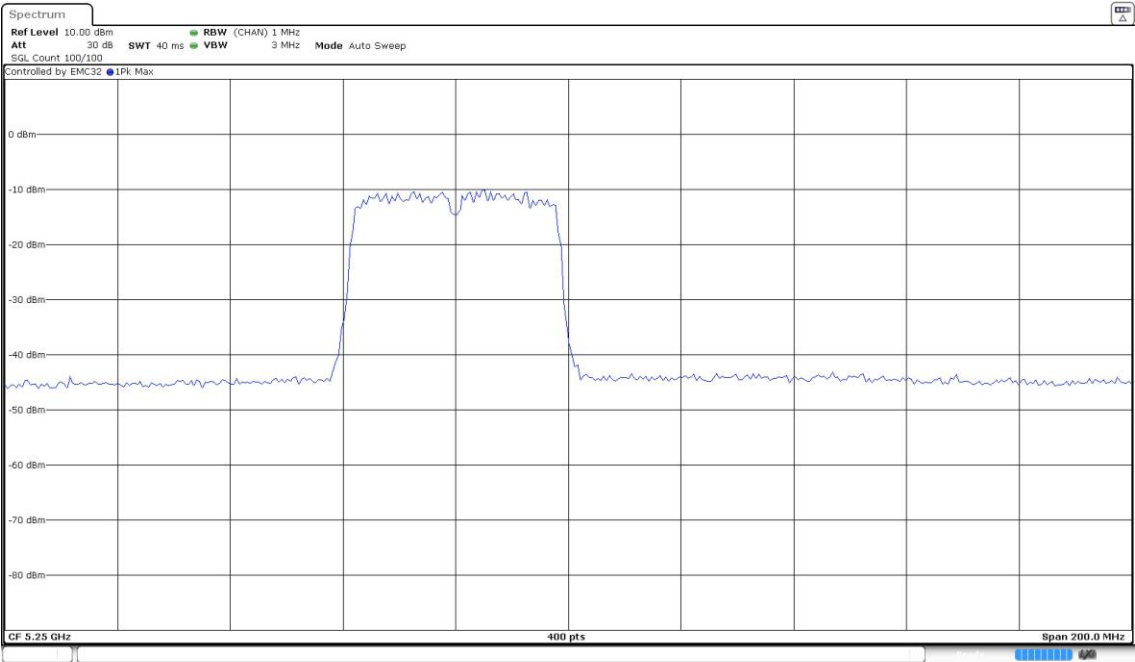
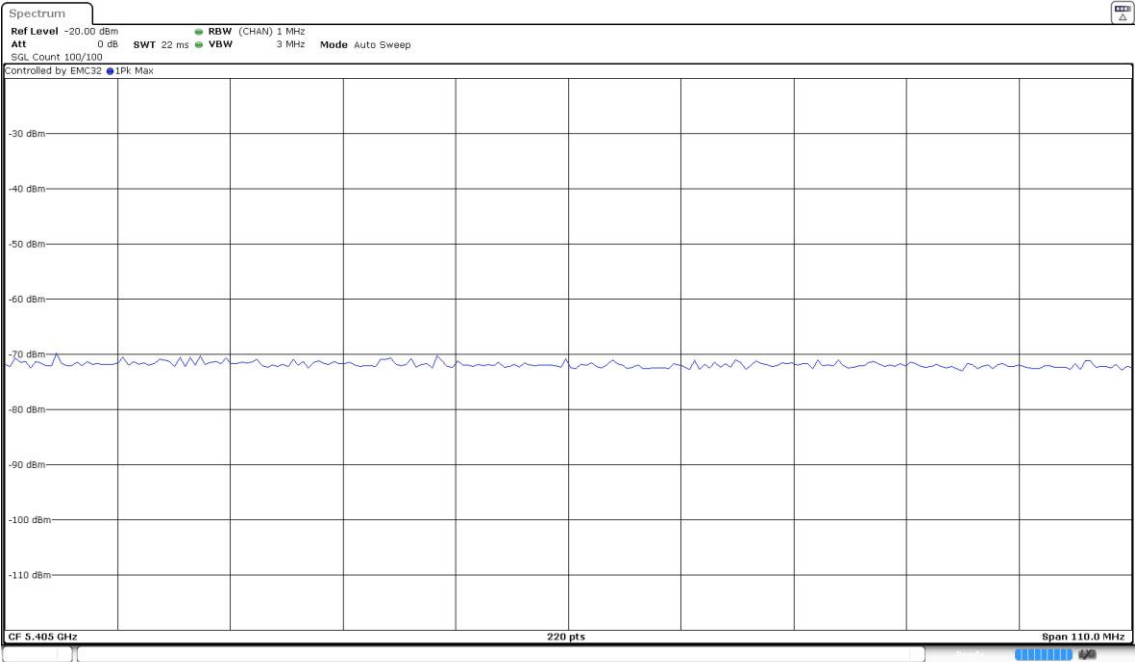
Tables:
Spectrum Analyzer Parameters

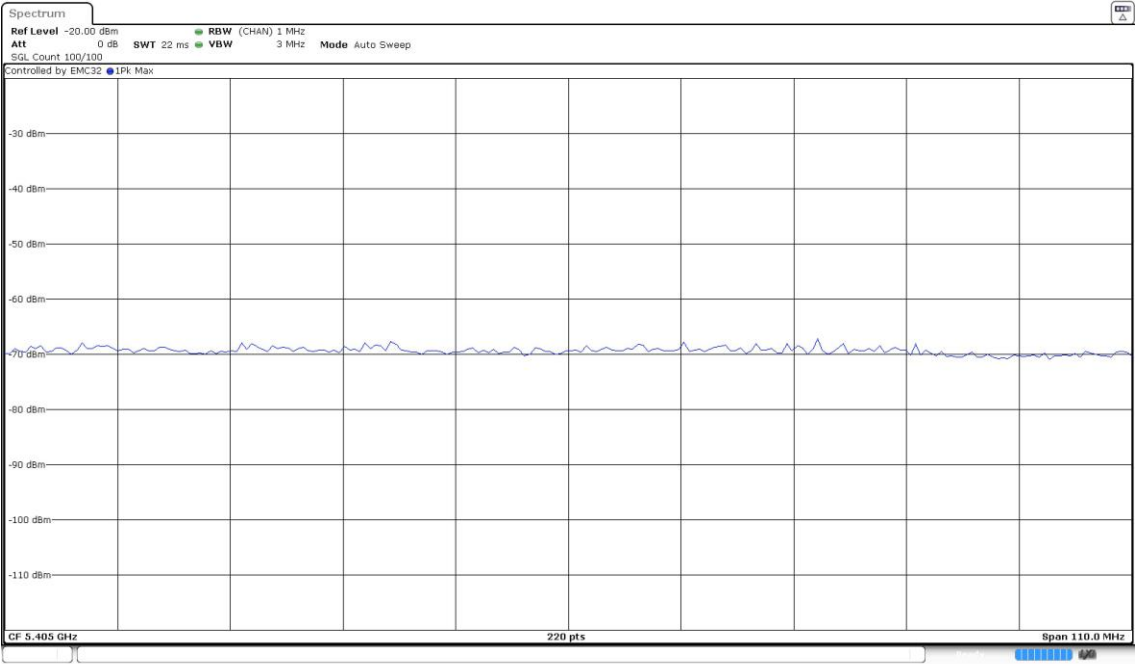
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5146.750000	-50.583	23.6	-27.000	PASS
5146.250000	-50.705	23.7	-27.000	PASS
5149.250000	-50.715	23.7	-27.000	PASS
5145.750000	-50.766	23.8	-27.000	PASS
5149.750000	-50.905	23.9	-27.000	PASS
5148.750000	-50.916	23.9	-27.000	PASS
5148.250000	-50.955	24.0	-27.000	PASS
5147.250000	-51.001	24.0	-27.000	PASS
5147.750000	-51.132	24.1	-27.000	PASS
5000.750000	-51.538	24.5	-27.000	PASS
5145.250000	-51.553	24.6	-27.000	PASS
5144.750000	-51.862	24.9	-27.000	PASS
5142.750000	-52.309	25.3	-27.000	PASS
4983.250000	-52.310	25.3	-27.000	PASS
5144.250000	-52.386	25.4	-27.000	PASS

Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5230.00000 Modulation = 802.11n HT40 (OFDM MCS0)

Images:







Tables:
Spectrum Analyzer Parameters

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5355.250000	-52.694	25.7	-27.000	PASS
5429.250000	-52.750	25.7	-27.000	PASS
5387.750000	-52.873	25.9	-27.000	PASS
5423.250000	-53.263	26.3	-27.000	PASS
5392.250000	-53.296	26.3	-27.000	PASS
5369.250000	-53.332	26.3	-27.000	PASS
5351.250000	-53.362	26.4	-27.000	PASS
5386.750000	-53.369	26.4	-27.000	PASS
5373.250000	-53.379	26.4	-27.000	PASS
5361.750000	-53.383	26.4	-27.000	PASS
5374.750000	-53.421	26.4	-27.000	PASS
5365.250000	-53.423	26.4	-27.000	PASS
5367.250000	-53.427	26.4	-27.000	PASS
5374.250000	-53.471	26.5	-27.000	PASS
5365.750000	-53.506	26.5	-27.000	PASS

Modulation: 802.11a (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Port	Freq (MHz)	Antenna configuration	Freq (MHz)	Lvl (dBm)
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4987.250000	-52.7
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4984.750000	-53.1
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4982.250000	-53.1
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4989.250000	-53.2
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4991.750000	-53.2
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4986.250000	-53.3
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4992.250000	-53.3
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4995.750000	-53.4
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4990.250000	-53.4
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4992.750000	-53.4
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4993.750000	-53.4
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4988.750000	-53.4
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4981.750000	-53.5
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4986.750000	-53.6
[5150, 5250]	2+3	5180.00000	MIMO CDD Mode 2x2	4994.250000	-53.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5428.750000	-54.2
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5434.750000	-54.3
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5447.250000	-54.4
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5428.250000	-54.4
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5440.750000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5431.250000	-54.5
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5437.750000	-54.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5429.750000	-54.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5408.750000	-54.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5427.750000	-54.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5433.750000	-54.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5373.750000	-54.6
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5402.250000	-54.7
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5425.750000	-54.7
[5150, 5250]	2+3	5240.00000	MIMO CDD Mode 2x2	5372.750000	-54.7

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250] Active Port = 2+3
Frequency MHz = 5180.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
Antenna configuration = MIMO CDD Mode 2x2

Images:

