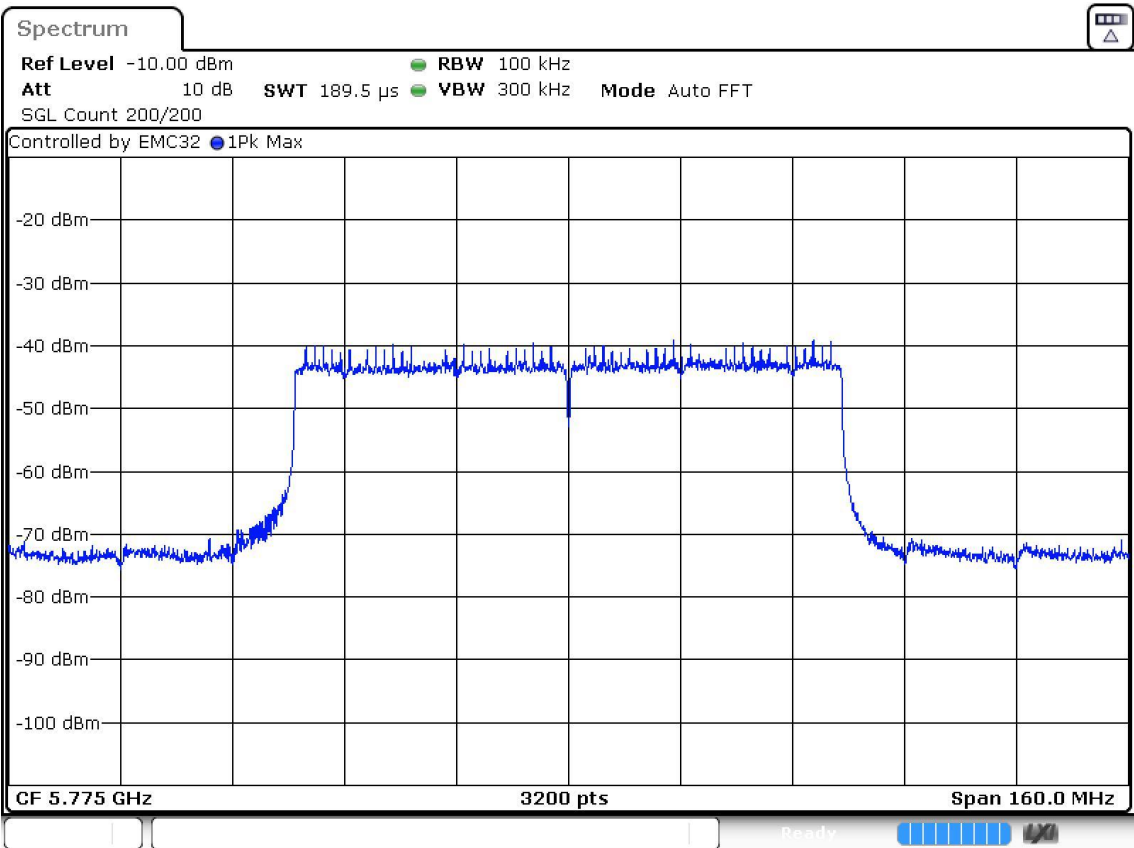
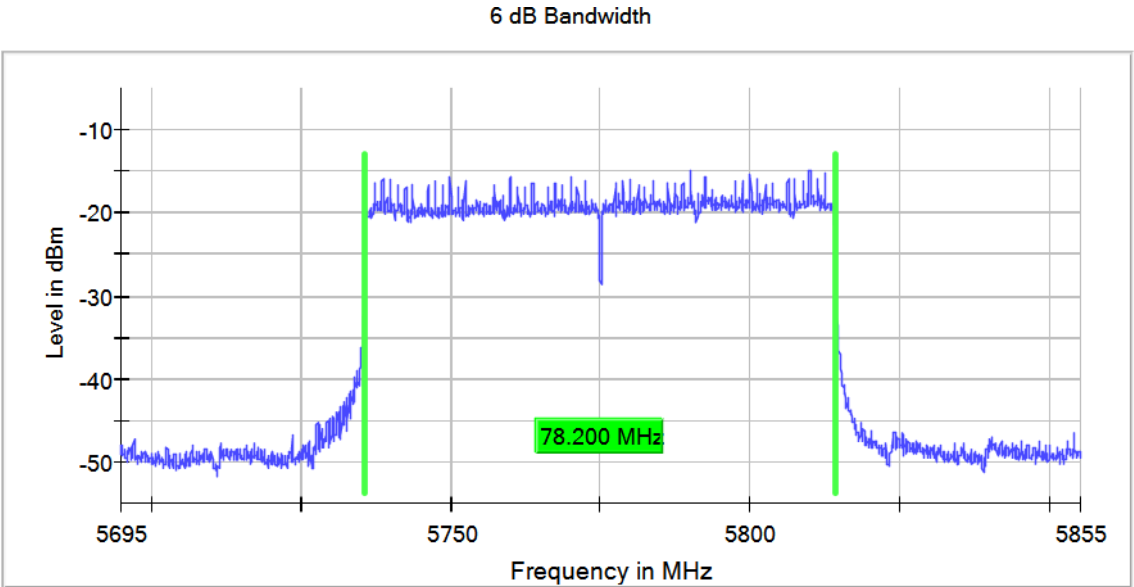


Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 (OFDMA MCS0)
Subcarrier Mode = RU

Images:



Modulation: 802.11a (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5725, 5850]	2+3	5745.00000	16.400
		5785.00000	16.350
		5825.00000	16.400

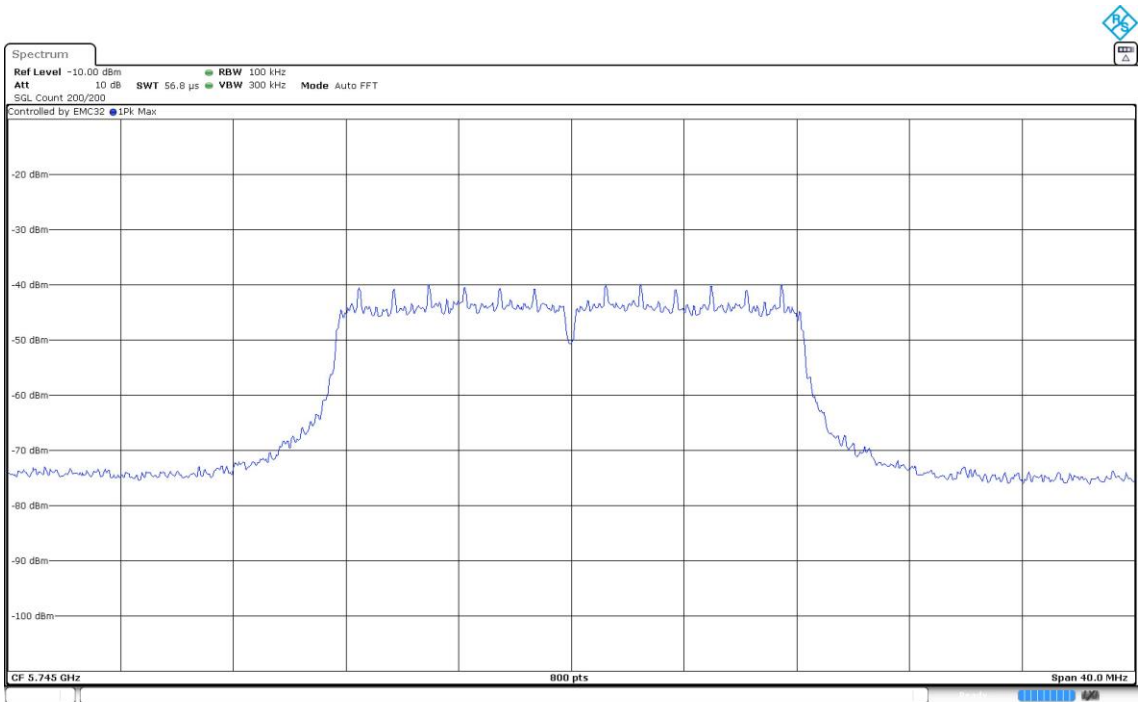
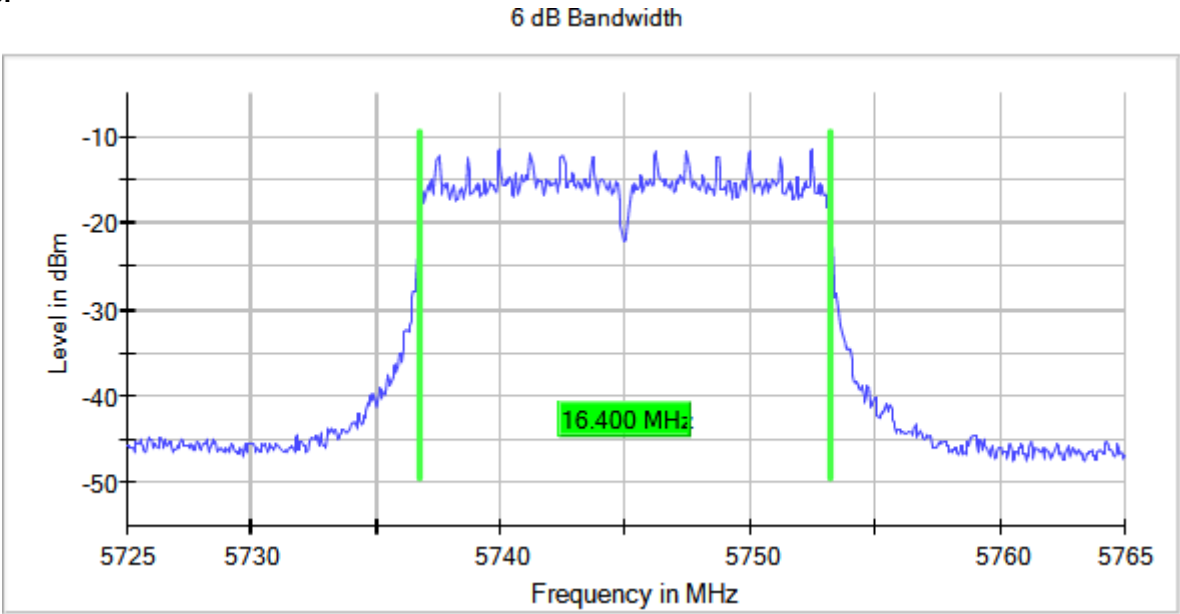
Verdict

Pass

Attachments

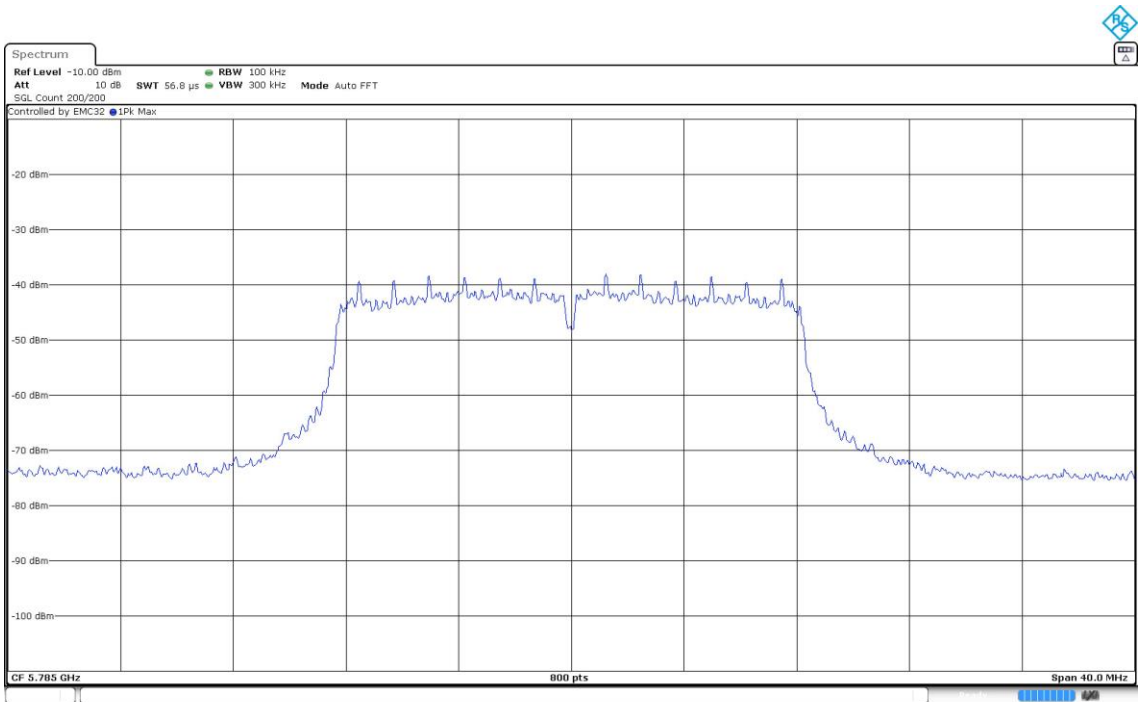
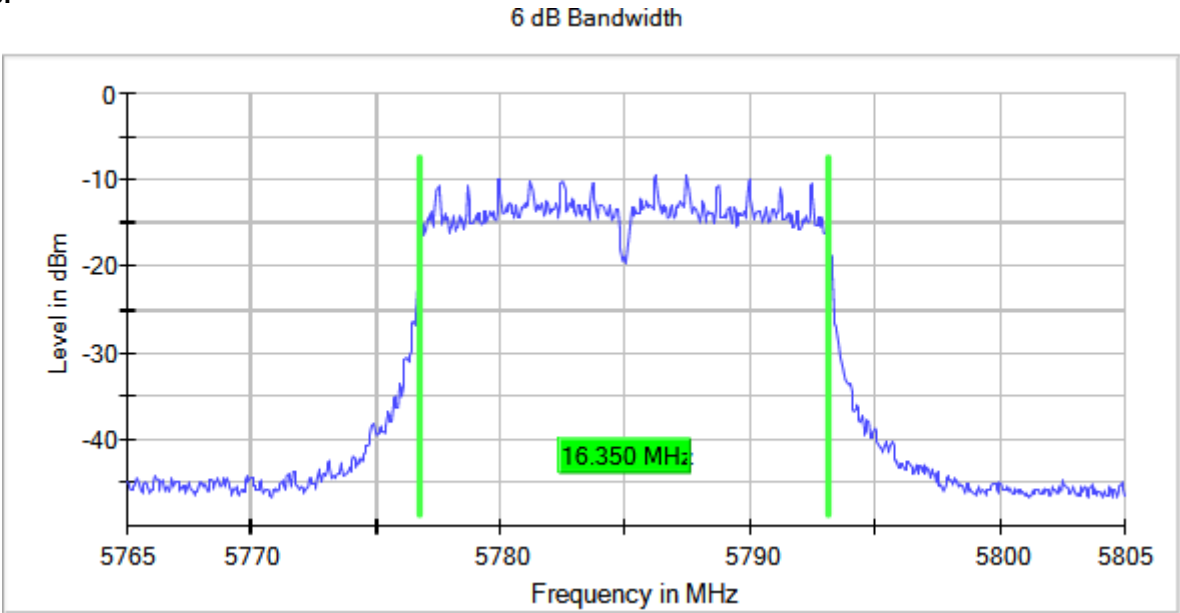
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:



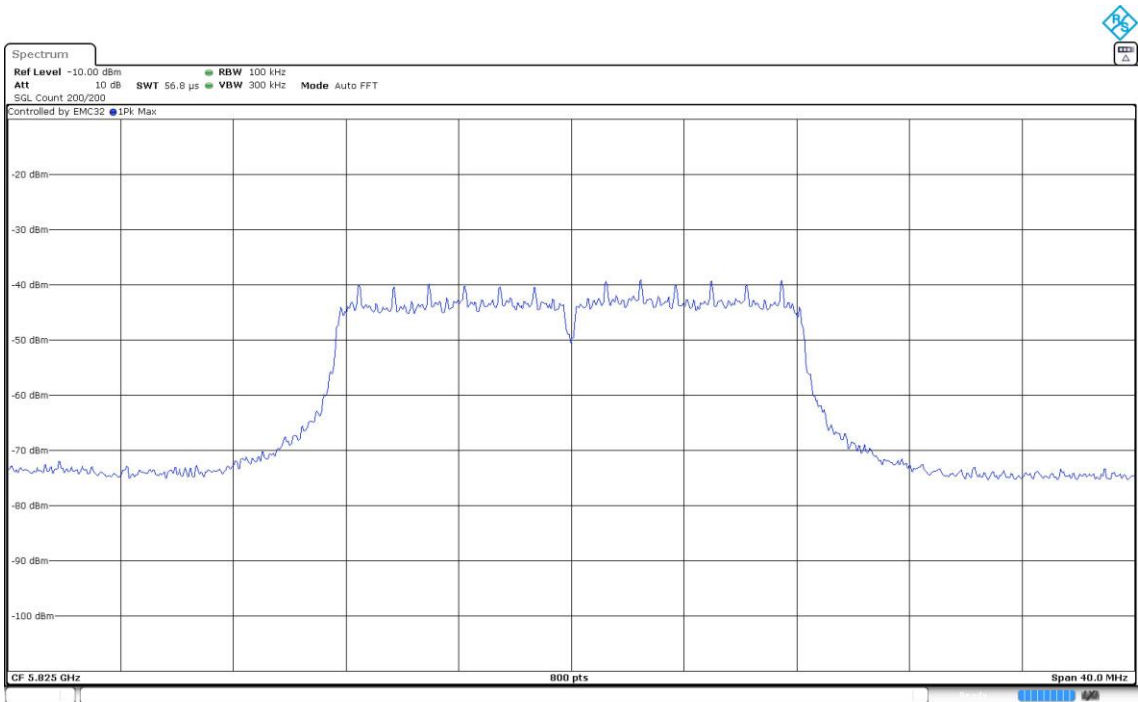
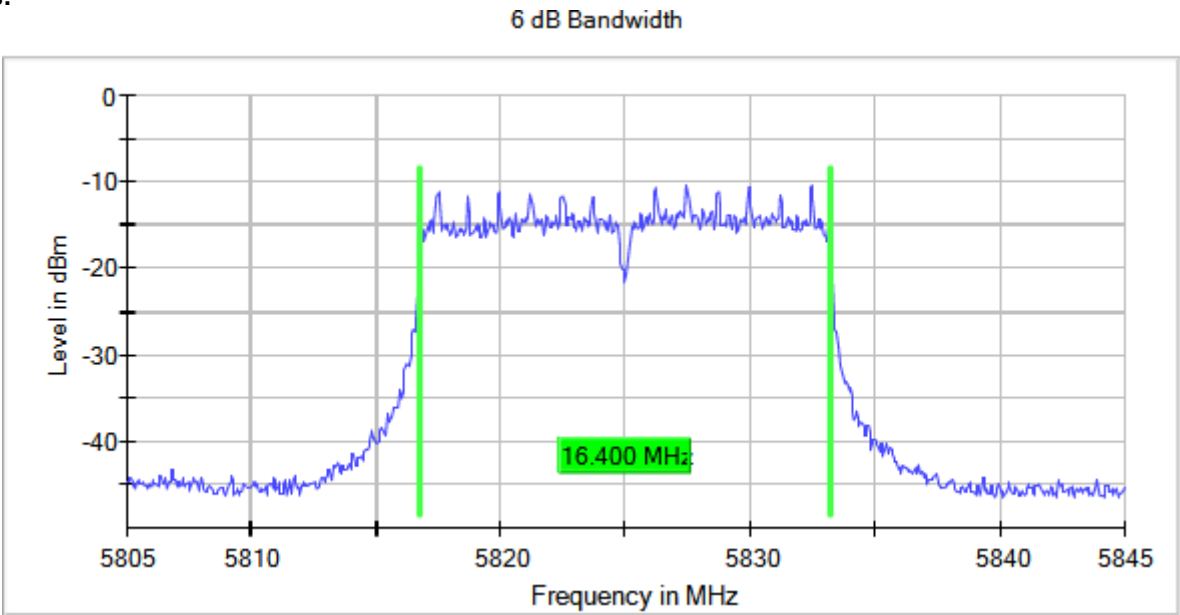
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5785.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:



Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:



RSS-247 6.2.4.2 / FCC 15.407 (b) (4) (6) [Rse] Transmitter Out of Band Radiated Emissions For transmitters operating solely in the 5.725-5.850 GHz band

Limits

* FCC 15.407: For transmitters operating in the 5.725–5.85 GHz band: All emissions shall be limited to a level of –27 dBm/MHz (68.23 dBμV/m at 3 m distance) 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.

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)	-	30
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:

Modulation: 802.11n HT20 (OFDM MCS0)

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	30.679	26.78	H	QP
				30.679	31.65	H	PK
				78.006	23.12	H	QP
				78.006	26.05	H	PK
				62.931	25.94	H	QP
				62.931	32.14	H	PK
				875.015	33.08	H	QP
				875.015	35.87	H	PK
				938.890	26.26	H	QP
				938.890	32.28	H	PK

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5250]

Frequency Range GHz = [0.03, 1]

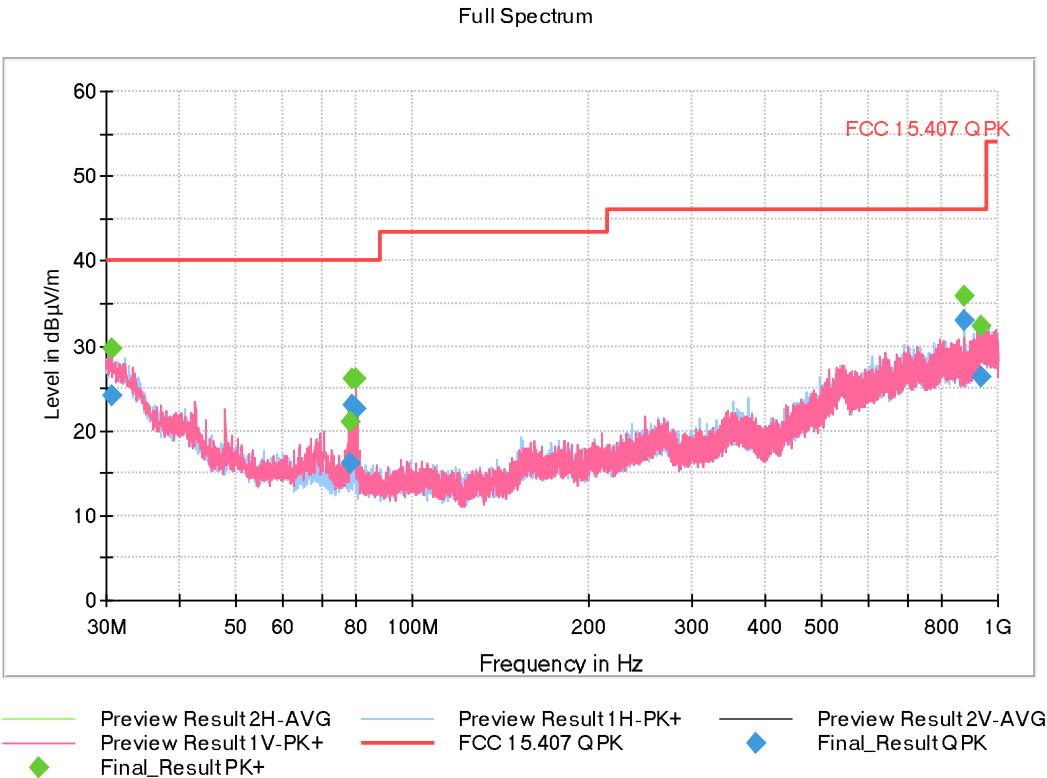
Modulation = The spurious frequencies detected do not depend on the modulation.

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 = [5725, 5850]

Active Port = 2+3

Frequency Range GHz = [1, 17]

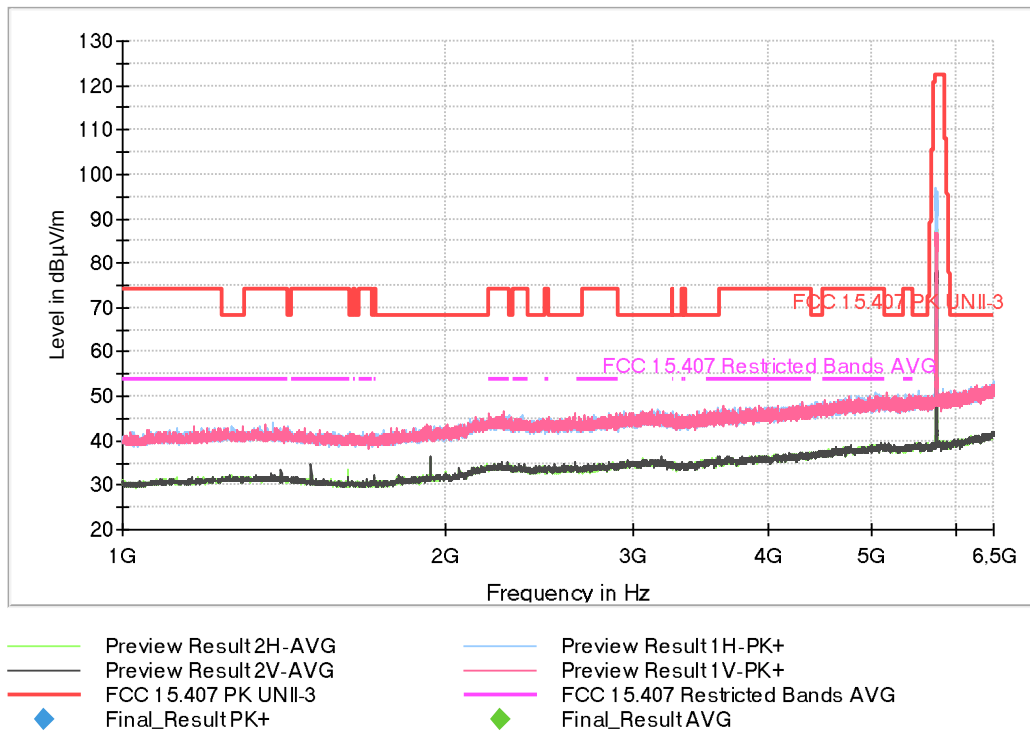
Frequency MHz = 5745.00000

Modulation = 802.11n HT20 (OFDM MCS0)

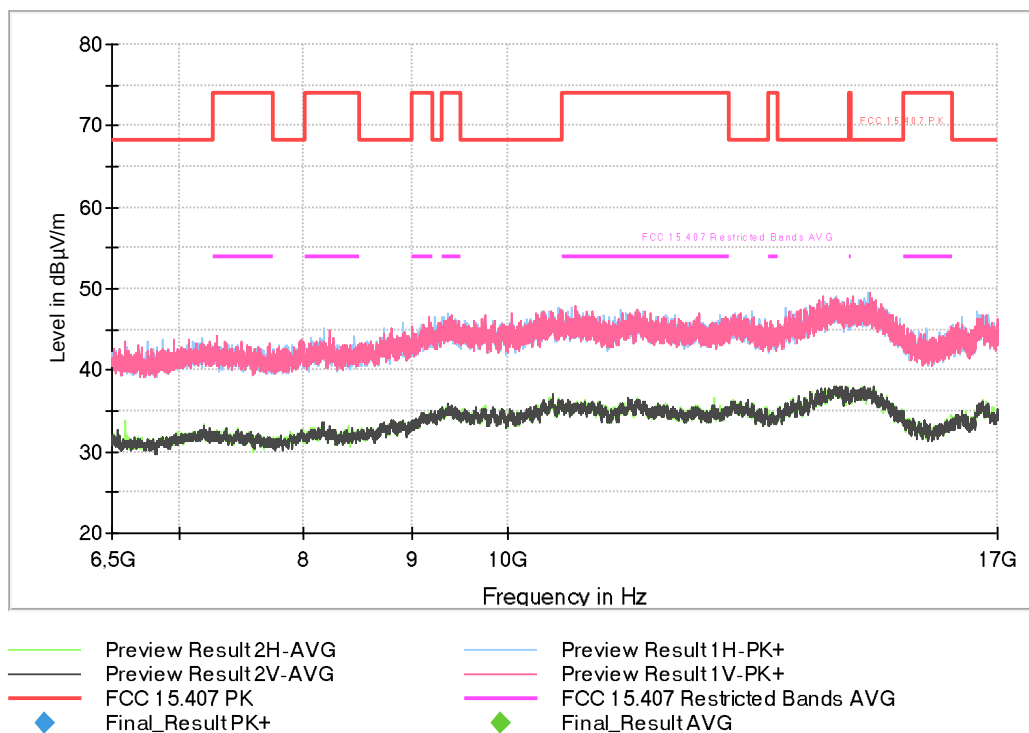
MIMO Mode = MIMO CDD Mode 2x2

Images:

Full Spectrum

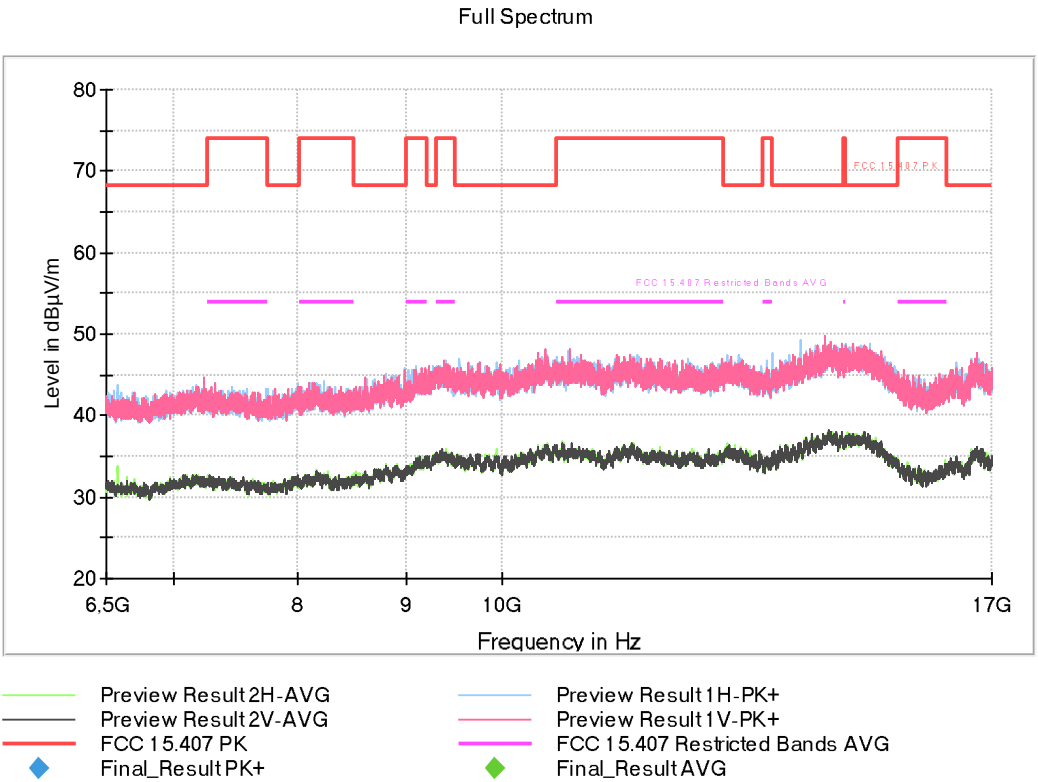
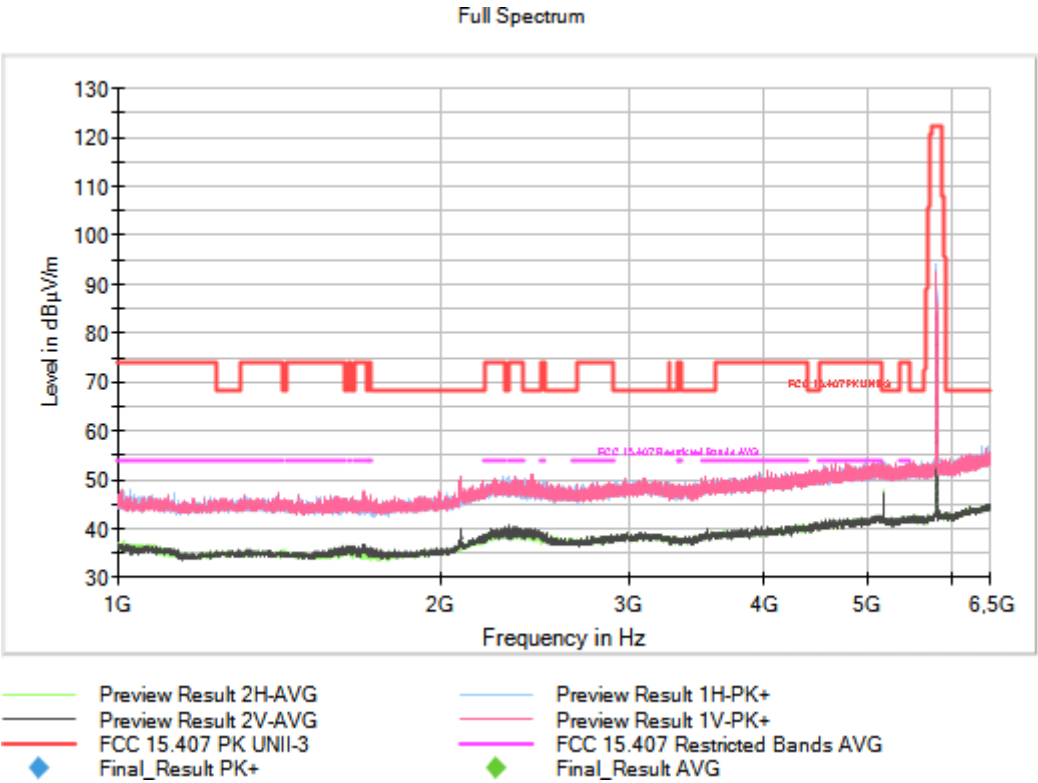


Full Spectrum



Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency Range GHz = [1, 17] Frequency MHz = 5785.00000
Modulation = 802.11n HT20 (OFDM MCS0) MIMO Mode = MIMO CDD Mode 2x2

Images:



Operation Band MHz = [5725, 5850]

Active Port = 2+3

Frequency Range GHz = [1, 17]

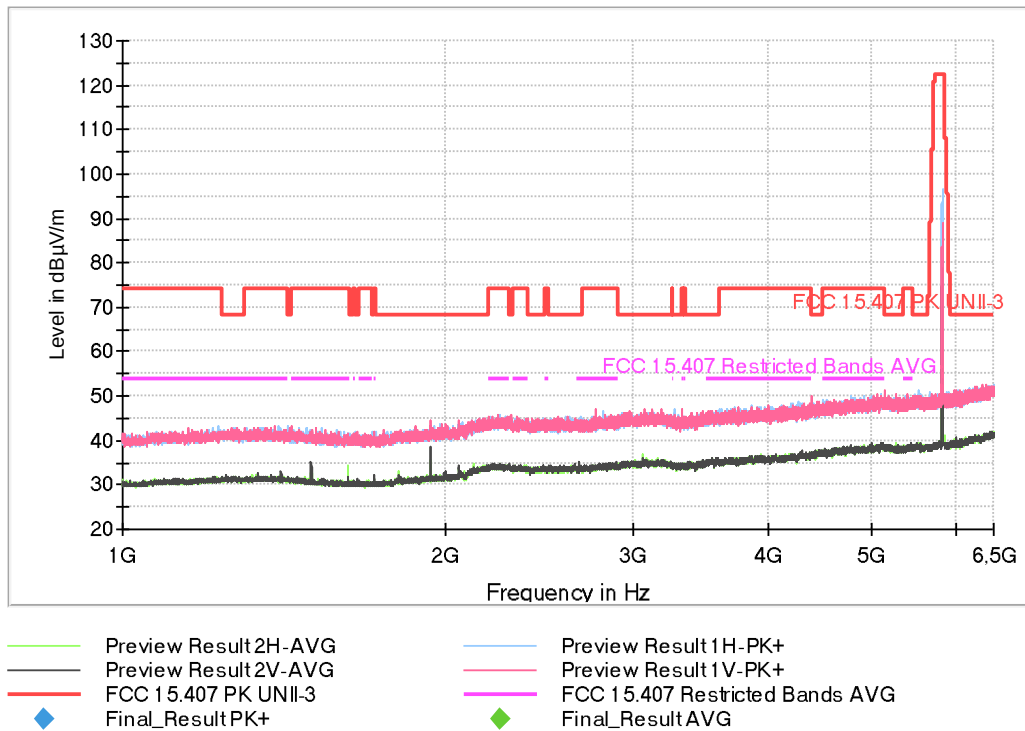
Frequency MHz = 5825.00000

Modulation = 802.11n HT20 (OFDM MCS0)

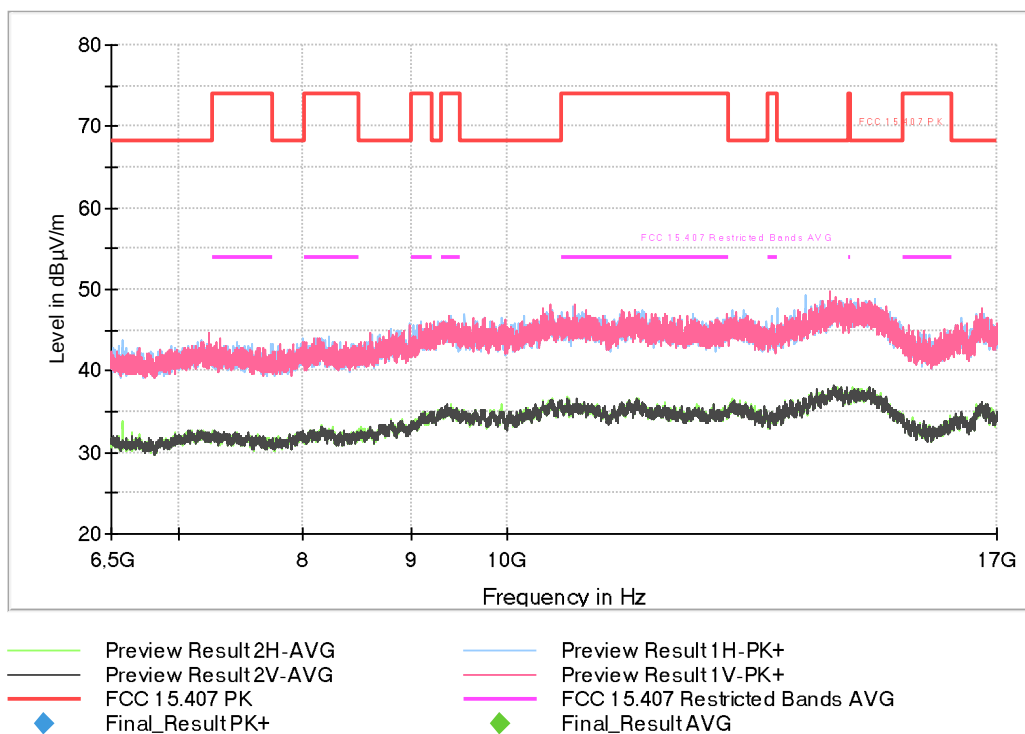
MIMO Mode = MIMO CDD Mode 2x2

Images:

Full Spectrum



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 HE80 (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 = [5725, 5850]

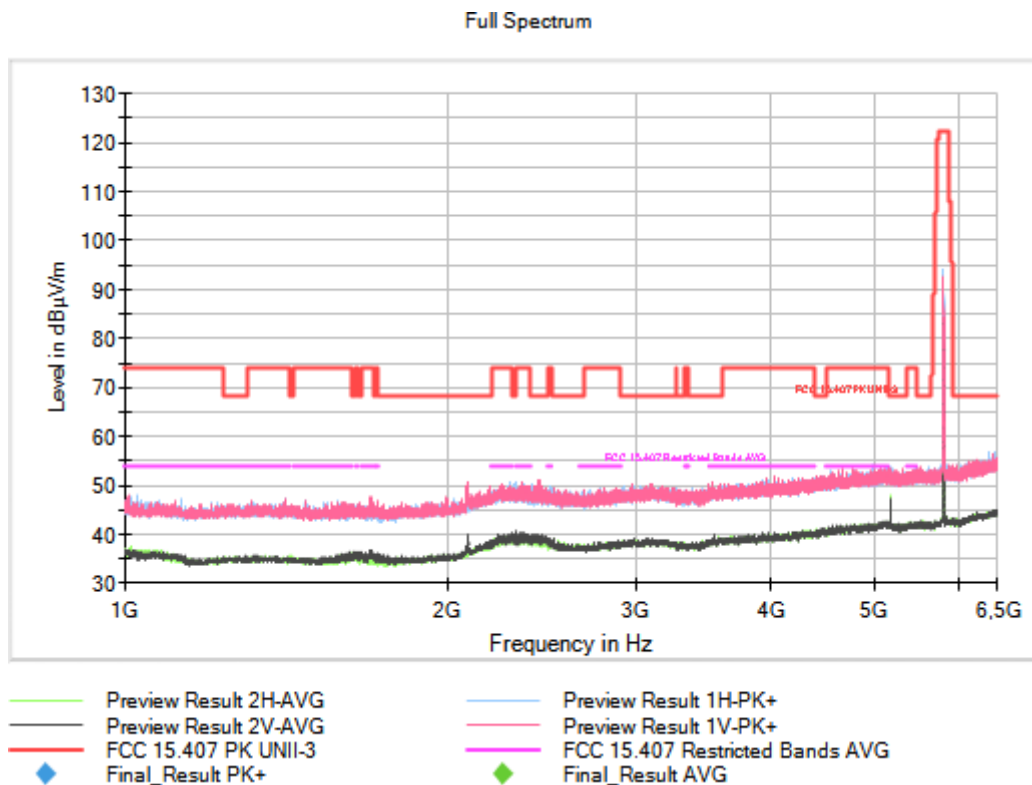
Active Port = 2+3

Frequency Range GHz = [1, 6.5]

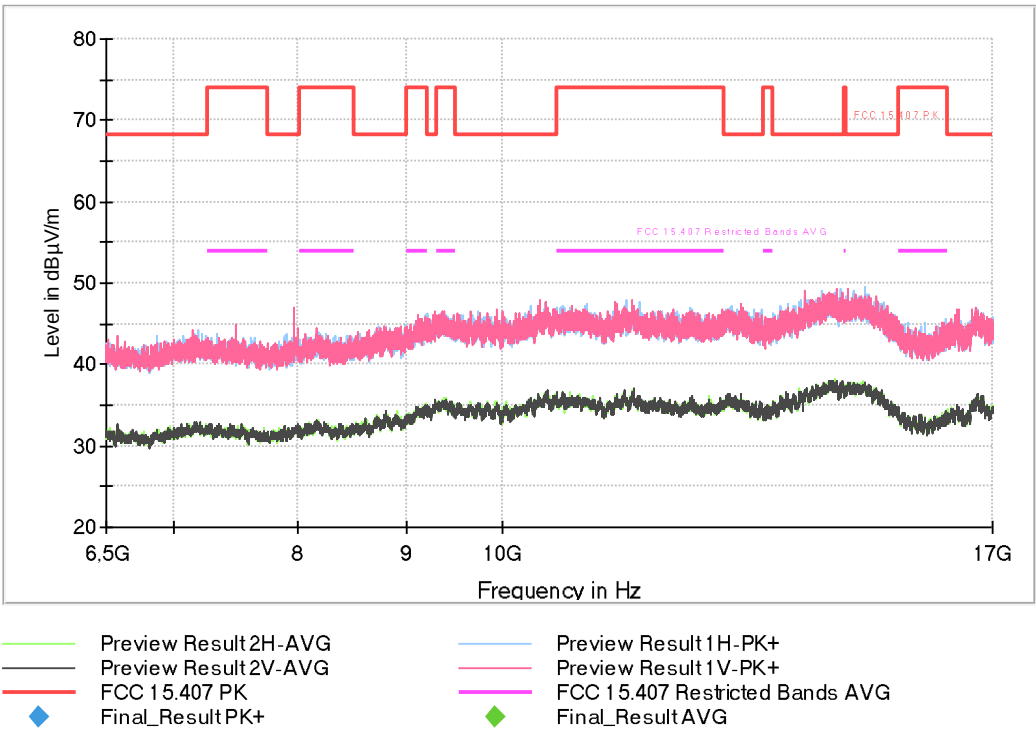
Frequency MHz = 5775.00000

Modulation = 802.11ax HE80 (OFDMA MCS0) – RU MIMO Mode = MIMO CDD Mode 2x2

Images:



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

BAND EDGE EMISSIONS

Spurious emissions inside of the mask 5.65-5.925 GHz

Modulation: 802.11n HT20 (OFDM MCS0)

- Low Channel:

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

- Middle Channel:

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

- High Channel:

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

Modulation: 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)

- Low Channel:

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

- High Channel:

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

Modulation: 802.11ac VHT20 (OFDM MCS0)

- Low Channel:

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

- Middle Channel:

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

- High Channel:

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

Modulation: 802.11ac VHT40 (OFDM MCS0)

- Low Channel:

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

- High Channel:

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

Modulation: 802.11ac VHT80 (OFDM MCS0)

- Single Channel:

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

Modulation: 802.11ax HE20 (OFDMA MCS0) – SU

- Low Channel:

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

- Middle Channel:

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

- High Channel:

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

Modulation: 802.11ax HE20 (OFDMA MCS0) – RU

- Low Channel:

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

- Middle Channel:

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

- High Channel:

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

Modulation: 802.11ax HE40 (OFDMA MCS0) – SU

- Low Channel:

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

- High Channel:

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

Modulation: 802.11ax HE40 (OFDMA MCS0) – RU

- Low Channel:

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

- High Channel:

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

Modulation: 802.11ax HE80 (OFDMA MCS0) – SU

- Single Channel:

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

Modulation: 802.11ax HE80 (OFDMA MCS0) – RU

- Single Channel:

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

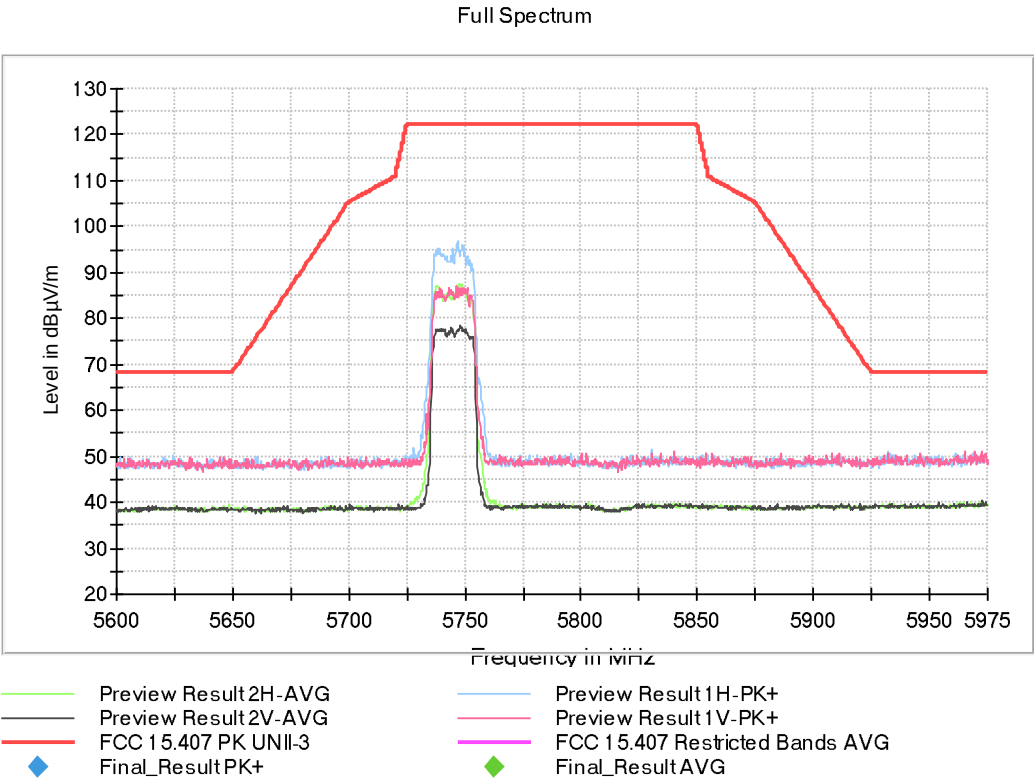
Verdict

Pass

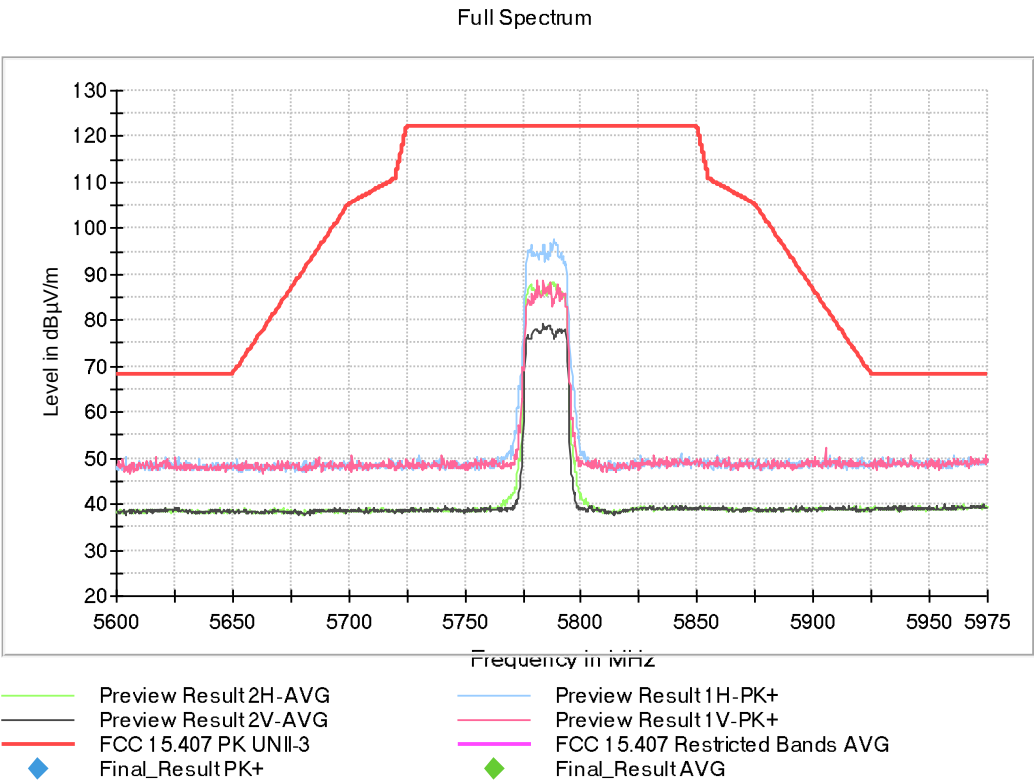
Attachments

Modulation: 802.11n HT20 (OFDM MCS0)

- Low Channel:

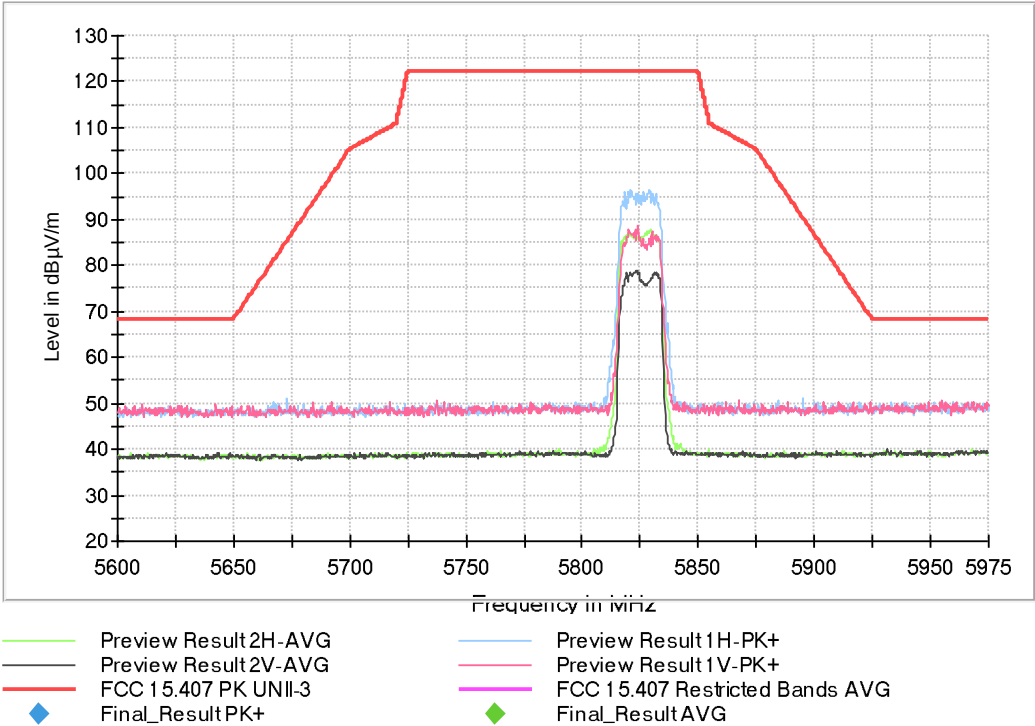


- Middle Channel:



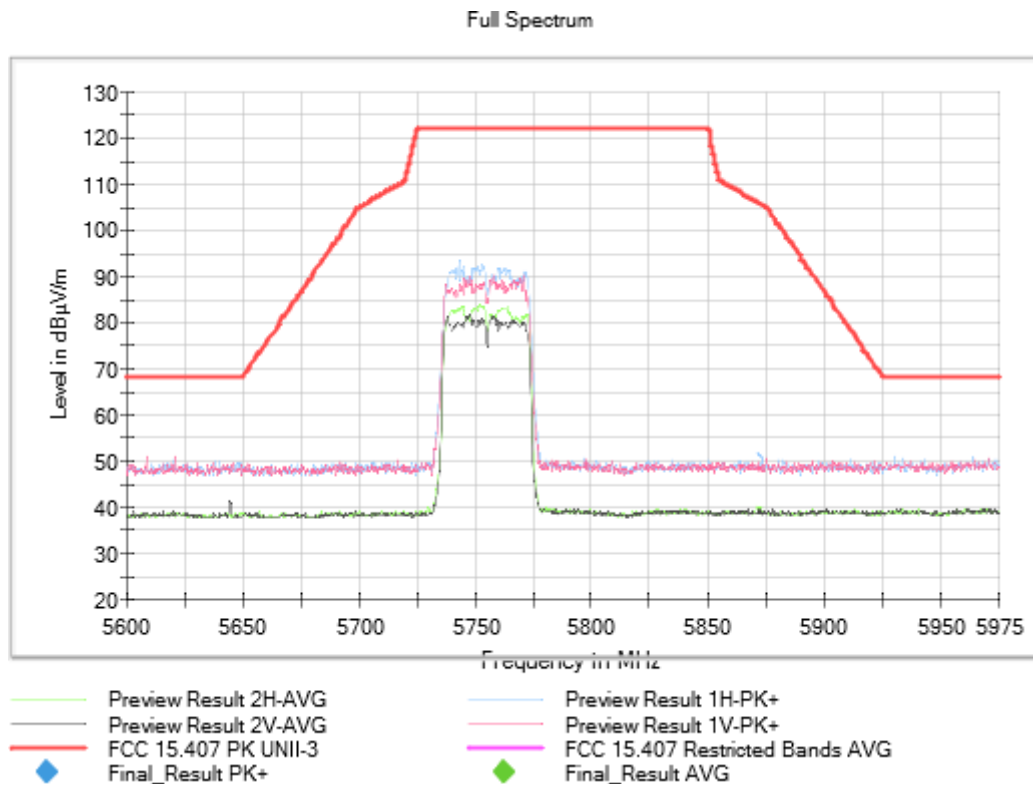
- High Channel:

Full Spectrum

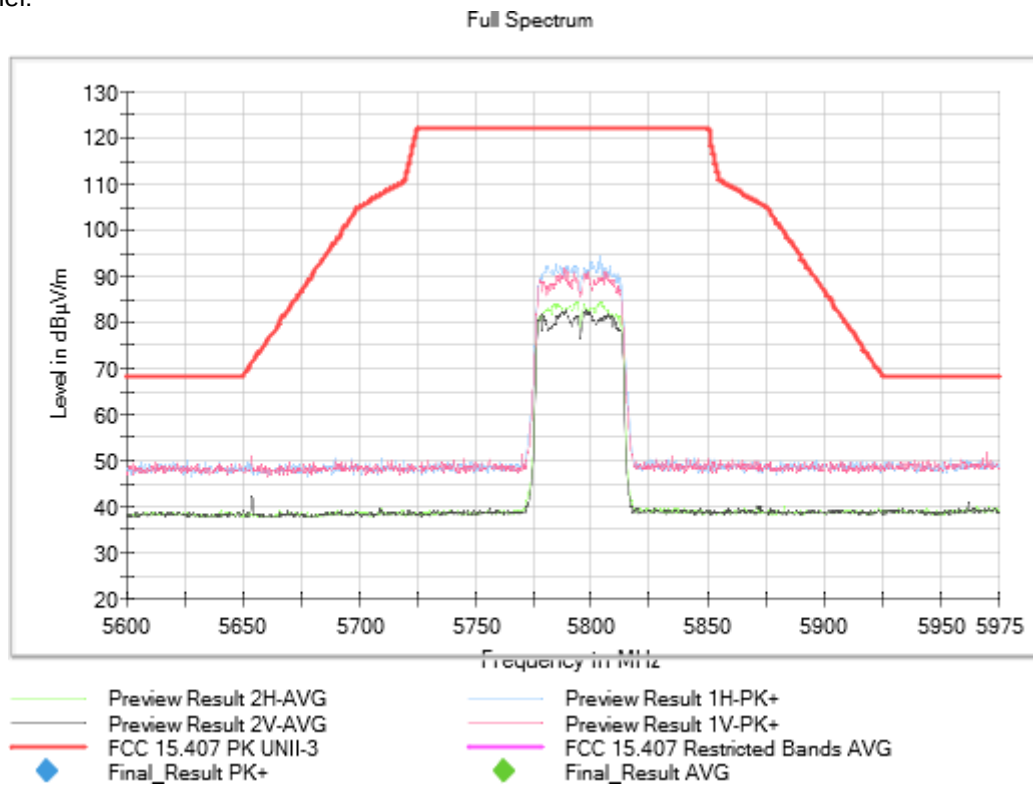


Modulation: 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)

- Low Channel:

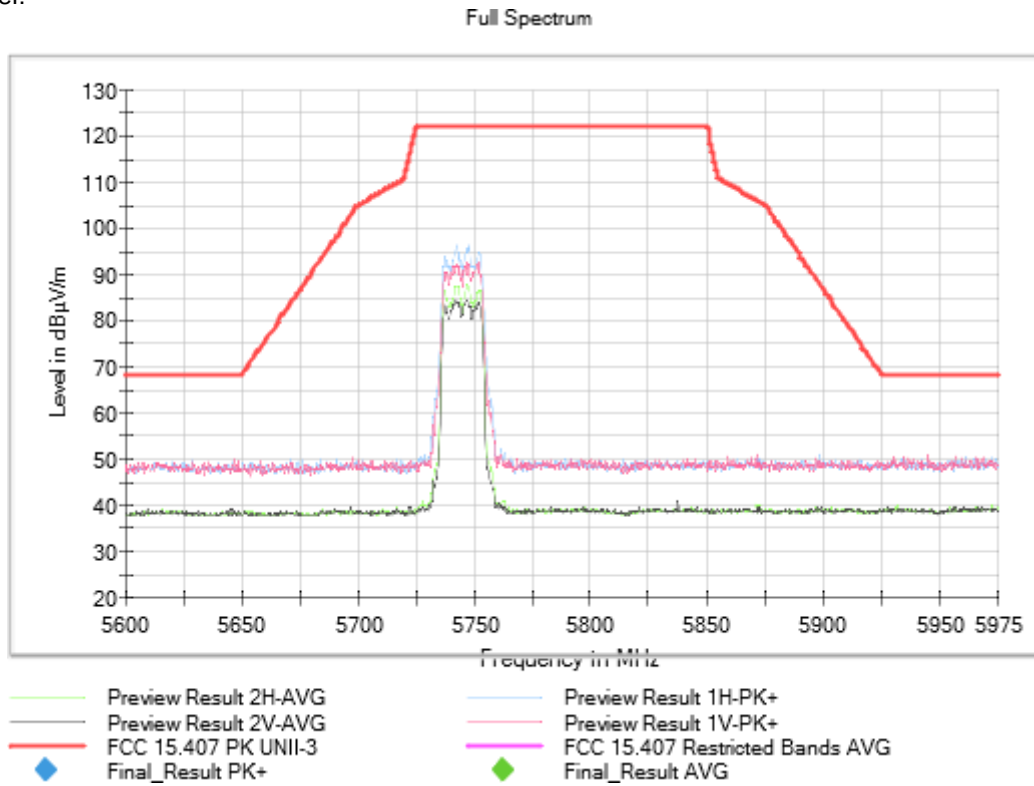


- High Channel:

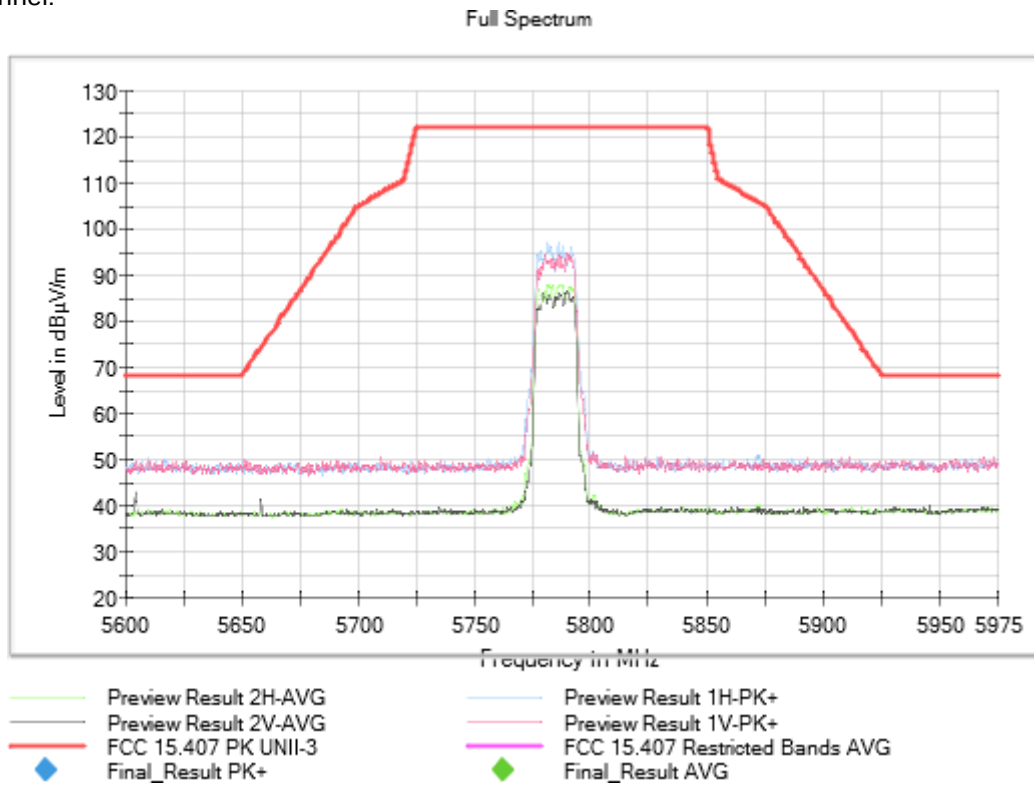


Modulation: 802.11ac VHT20 (OFDM MCS0)

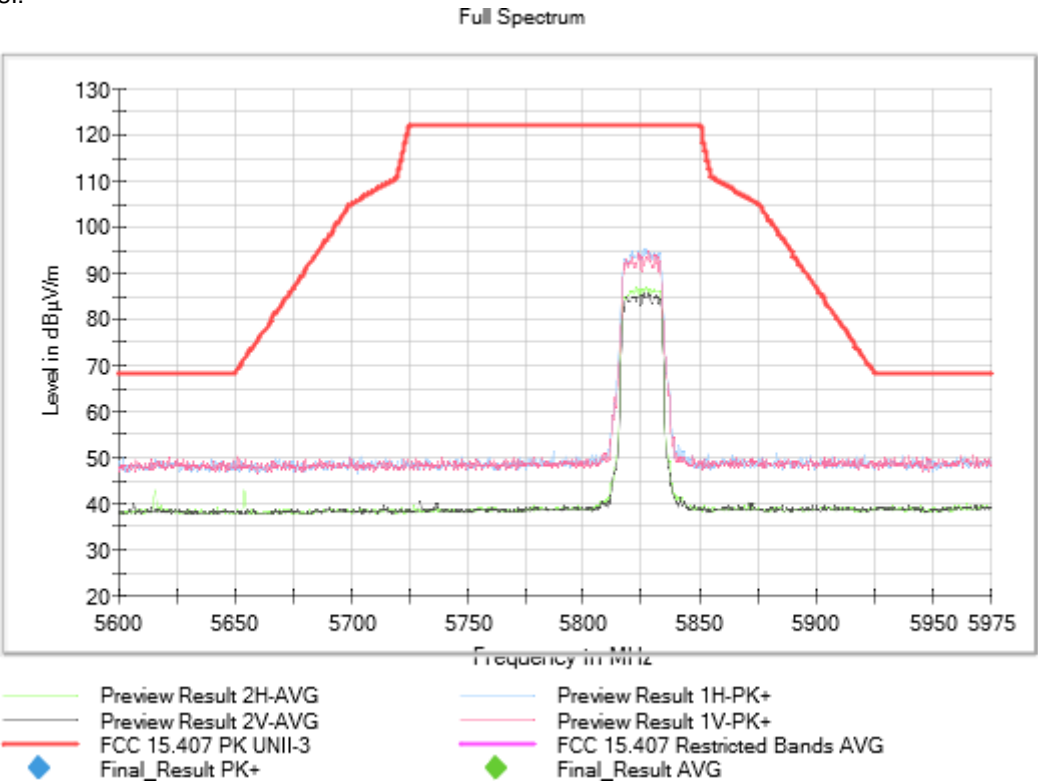
- Low Channel:



- Middle Channel:

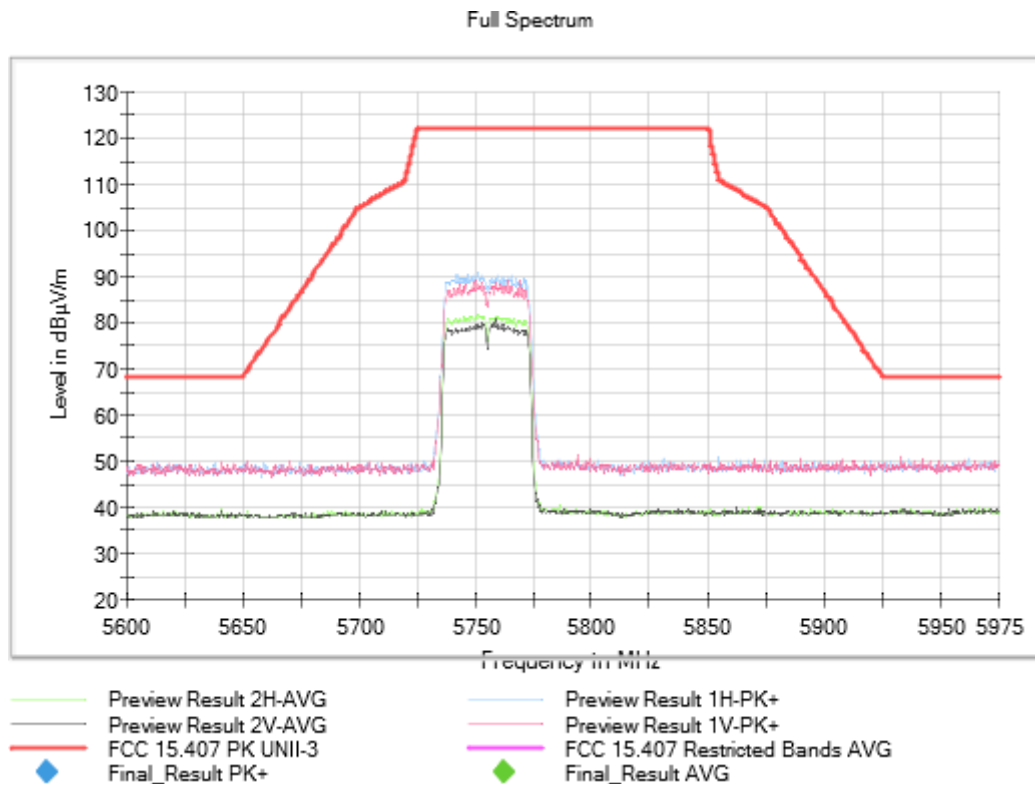


- High Channel:

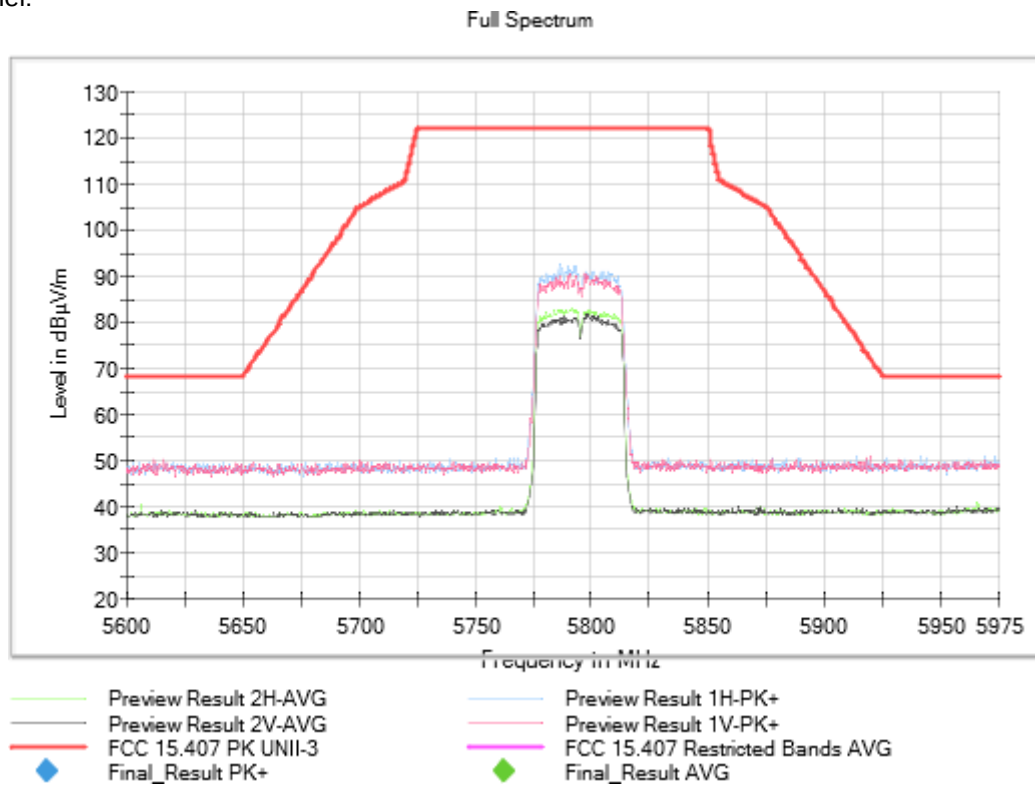


Modulation: 802.11ac VHT40 (OFDM MCS0)

- Low Channel:

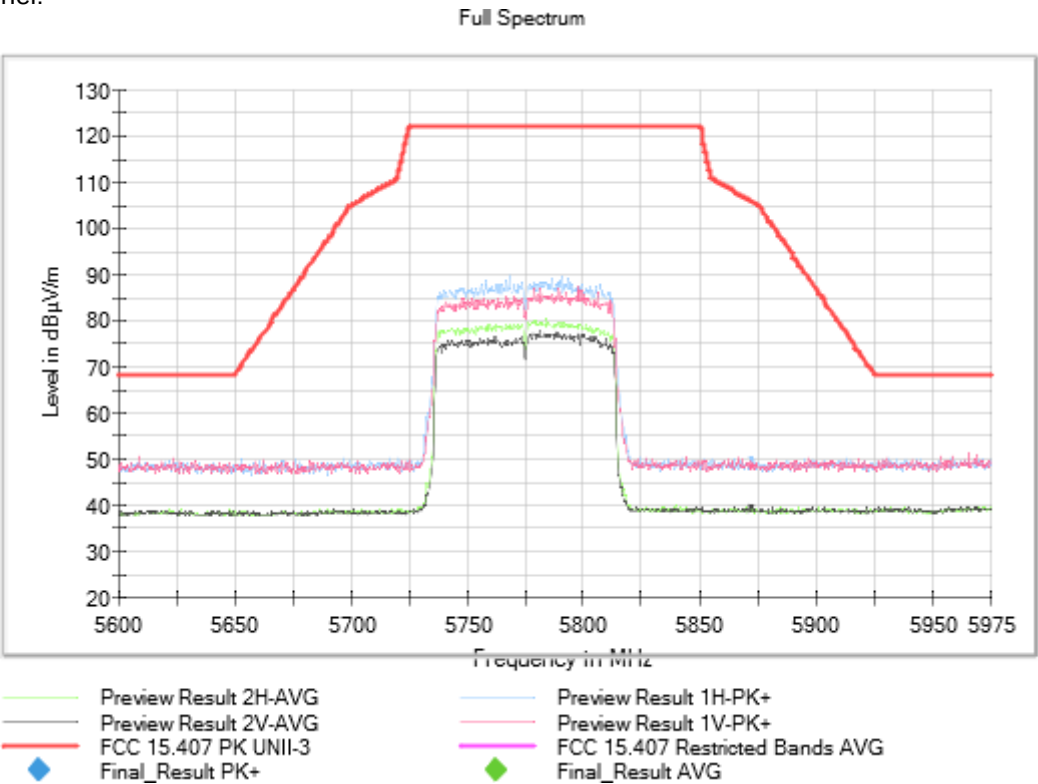


- High Channel:



Modulation: 802.11ac VHT80 (OFDM MCS0)

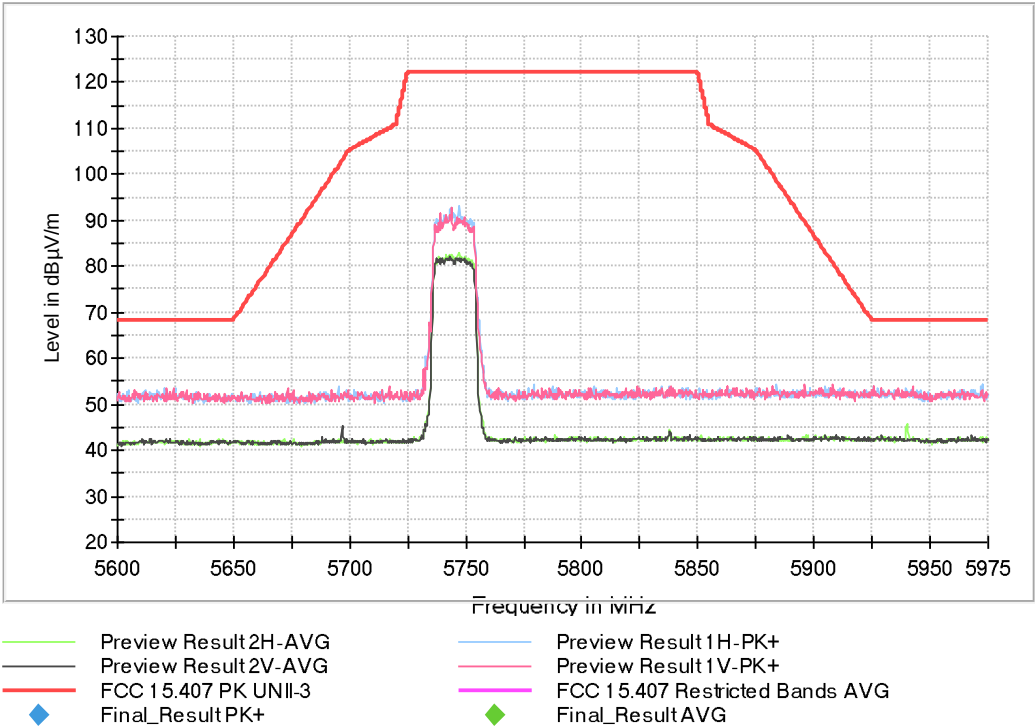
- Single Channel:



Modulation: 802.11ax HE20 (OFDMA MCS0) – SU

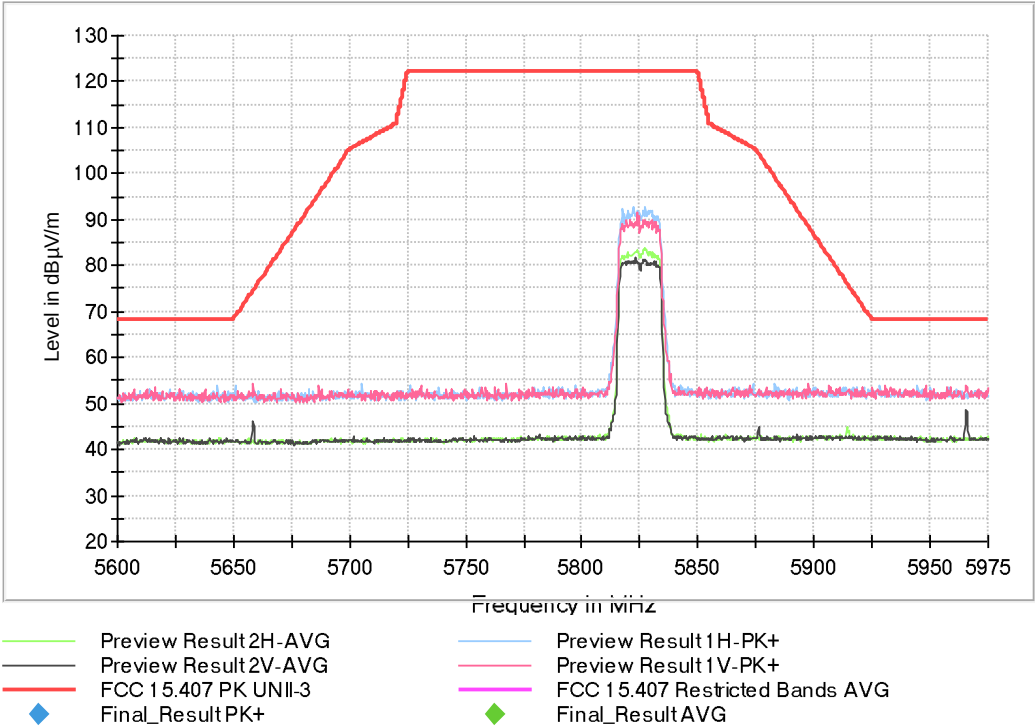
- Low Channel:

Full Spectrum



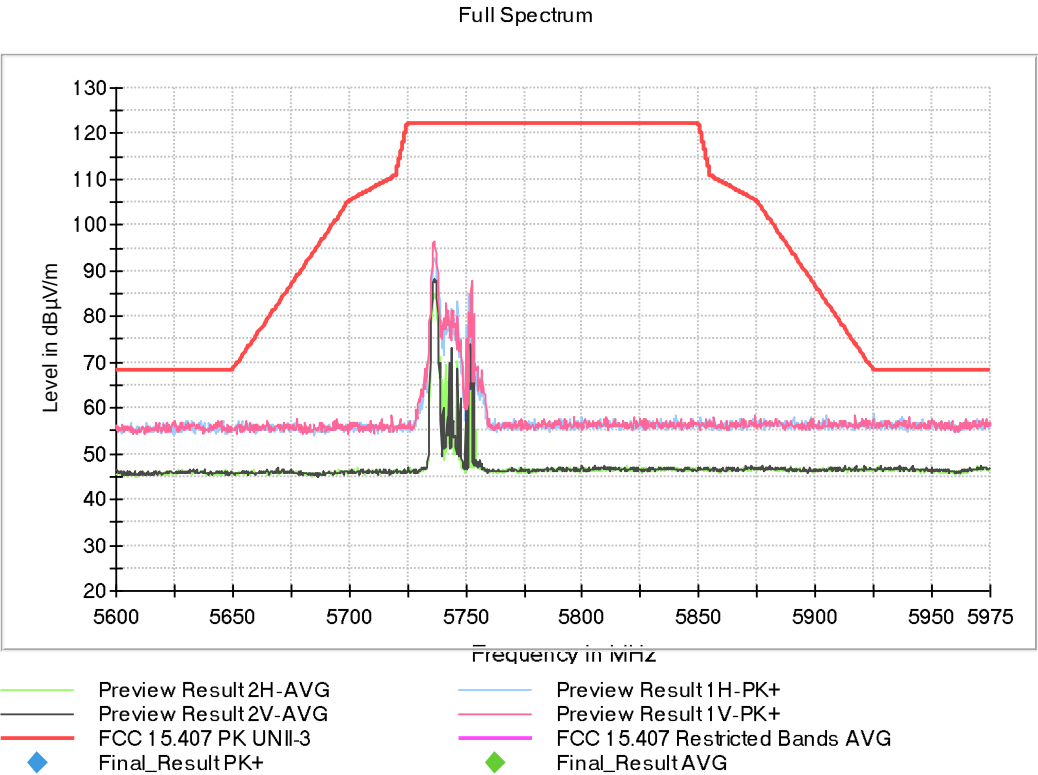
- High Channel:

Full Spectrum

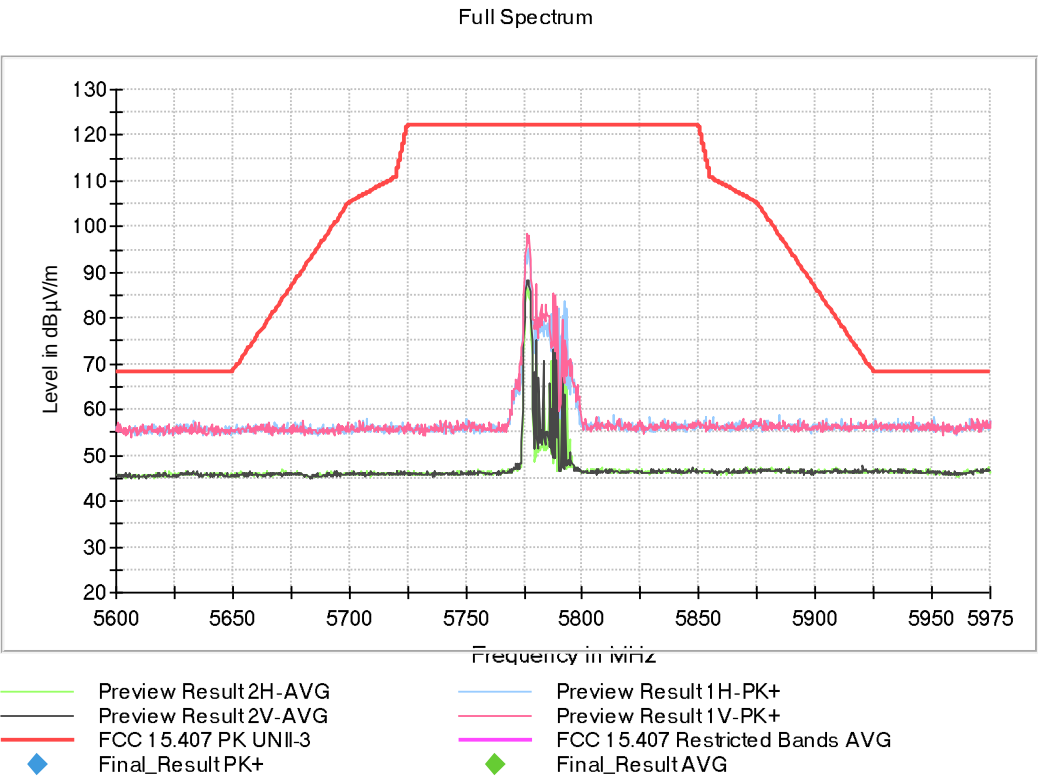


Modulation: 802.11ax HE20 (OFDMA MCS0) – RU

- Low Channel:

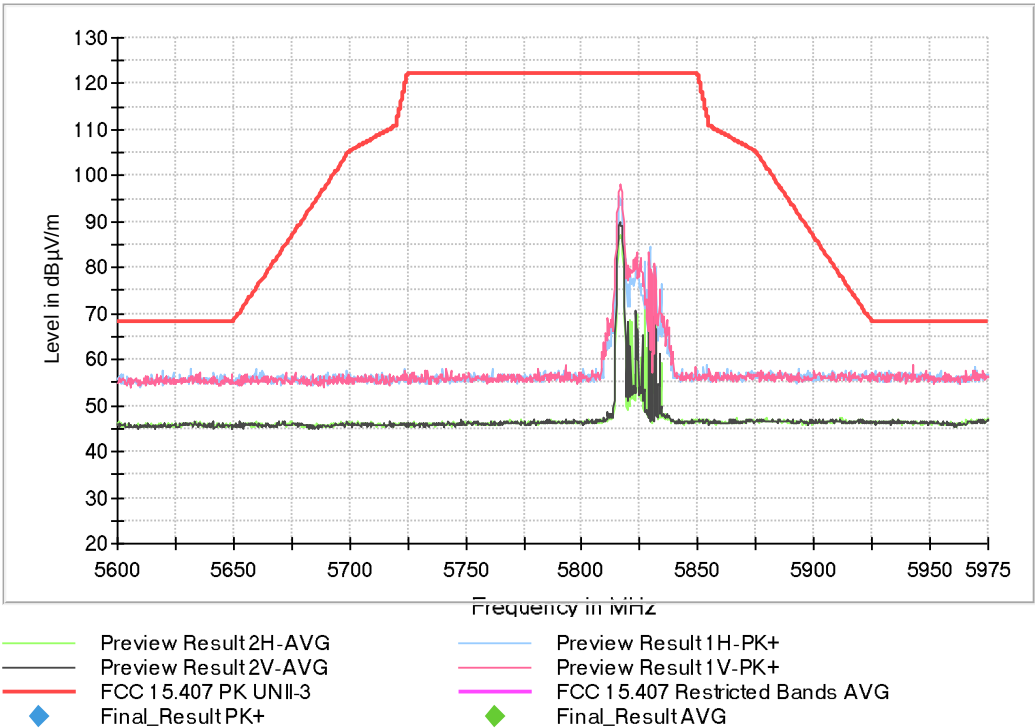


- Middle Channel:



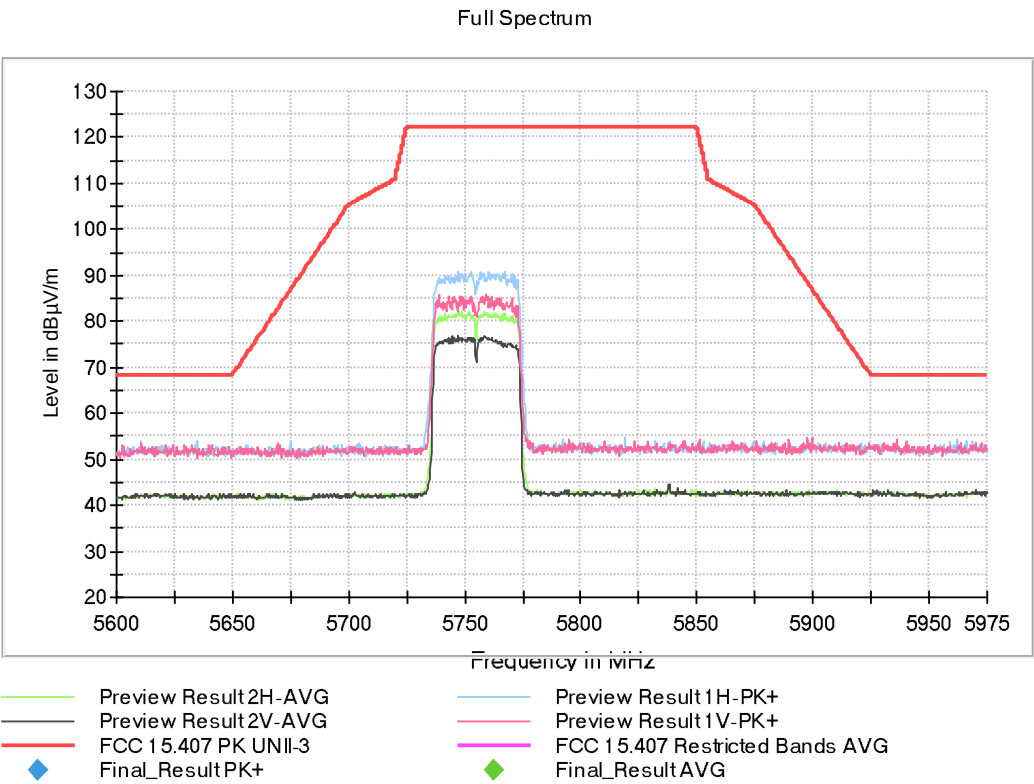
- High Channel:

Full Spectrum

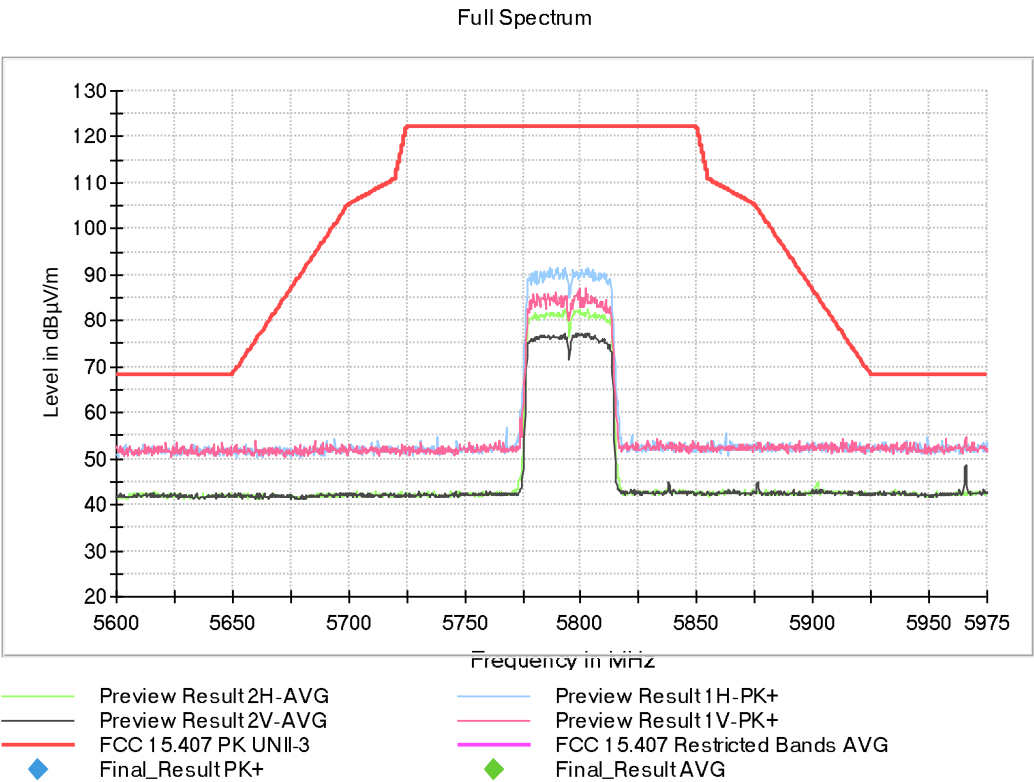


Modulation: 802.11ax HE40 (OFDMA MCS0) – SU

- Low Channel:

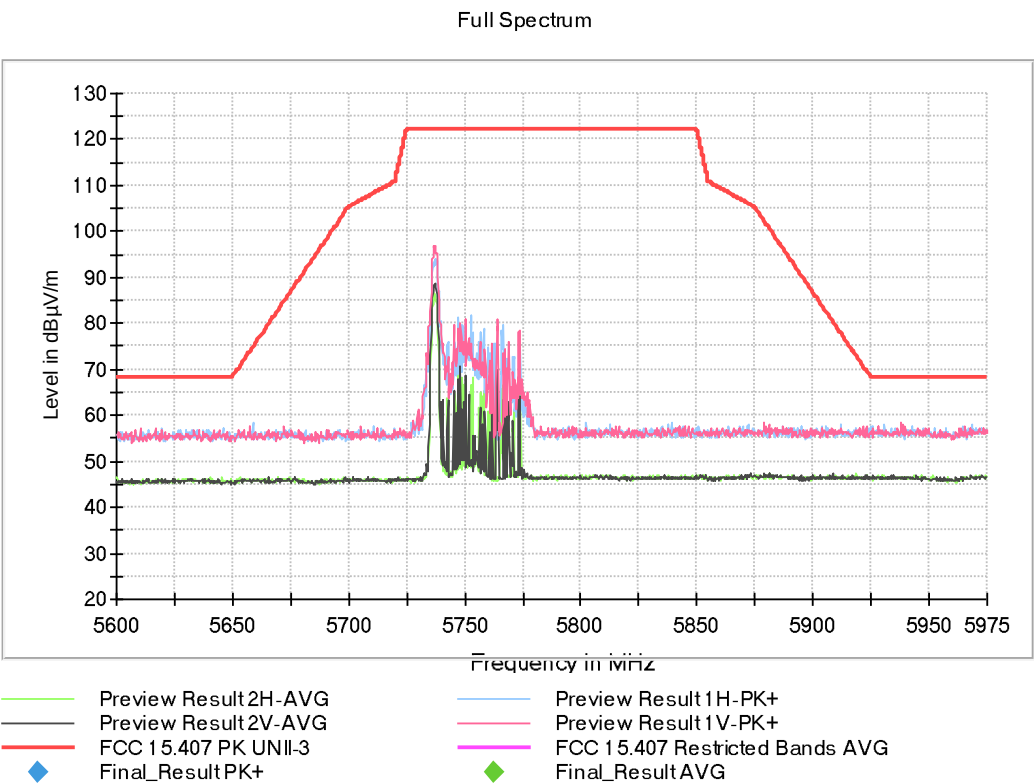


- High Channel:

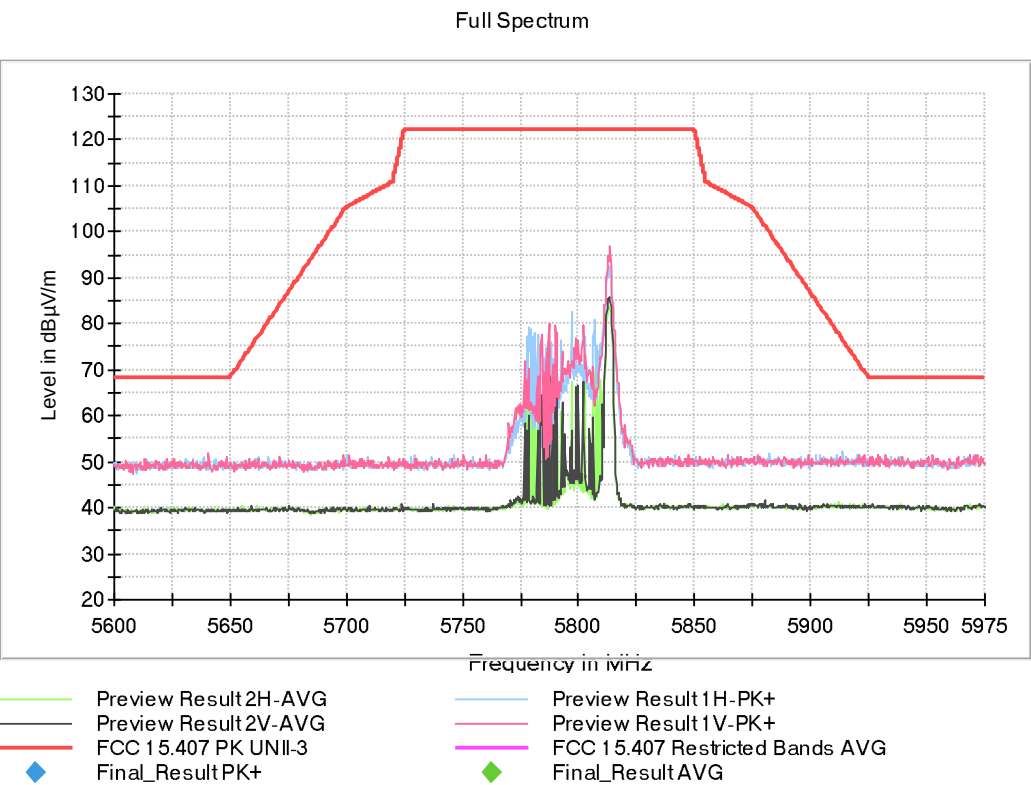


Modulation: 802.11ax HE40 (OFDMA MCS0) – RU

- Low Channel:

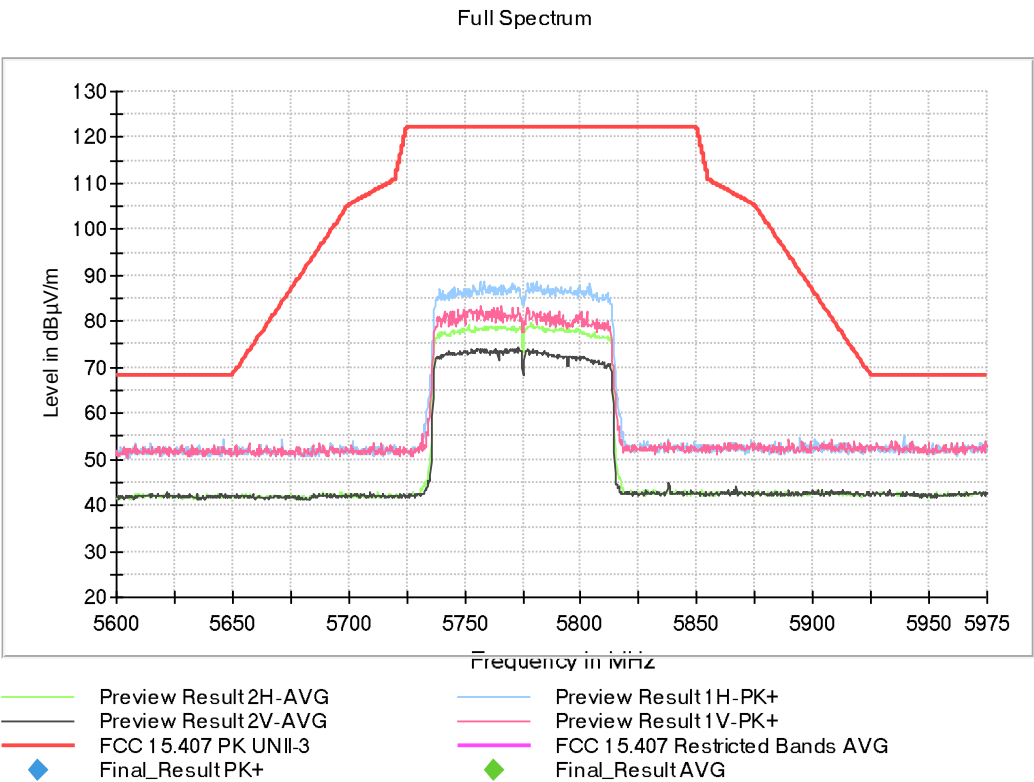


- High Channel:



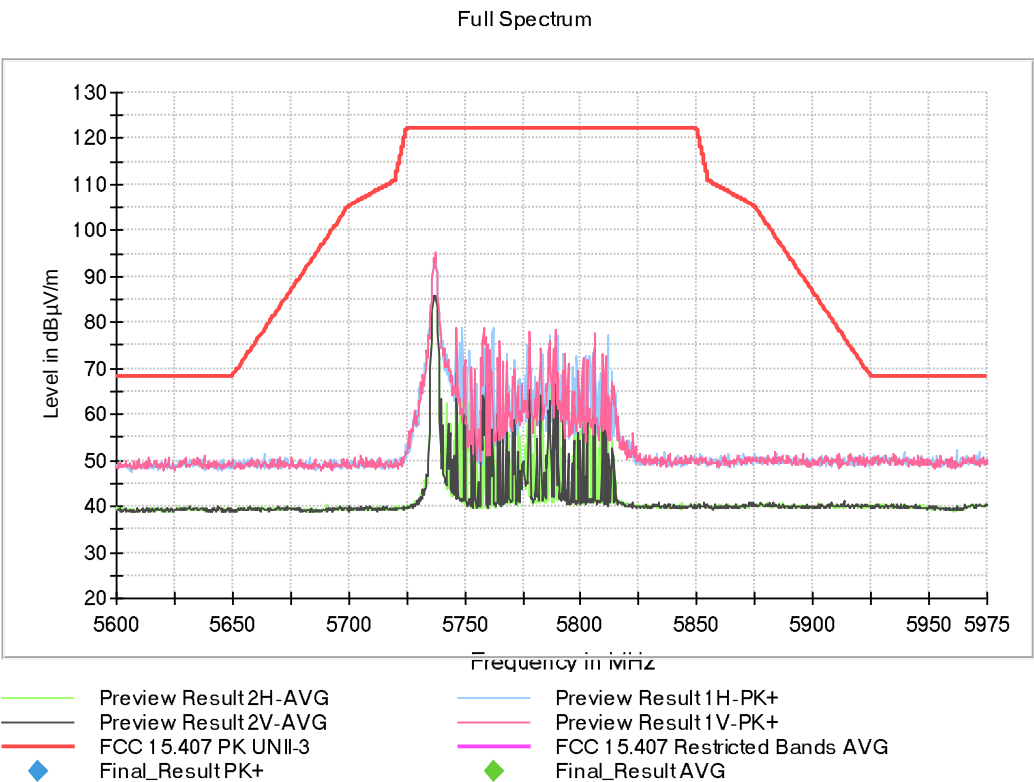
Modulation: 802.11ax HE80 (OFDMA MCS0) – SU

- Single Channel:



Modulation: 802.11ax HE80 (OFDMA MCS0) – RU

- Single Channel:



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.

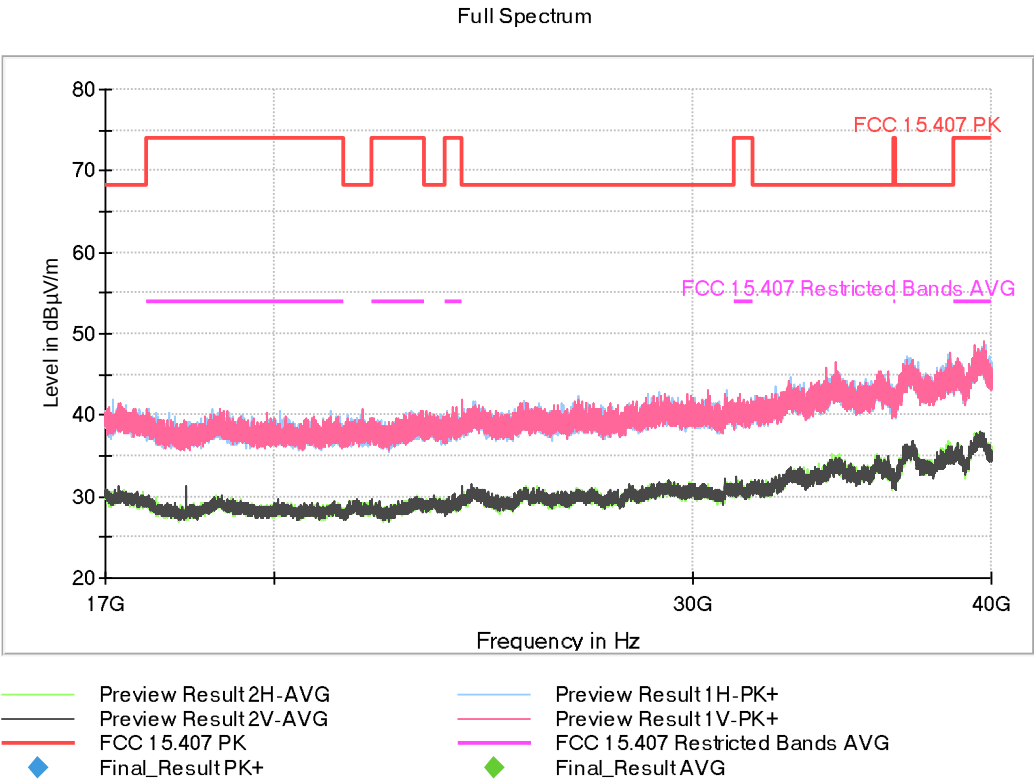
Verdict

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 6.2.4.2 / FCC 15.407 (b) (4) [Bndedge] Transmitter Band Edge Radiated Emissions for UNII-3

Limits

For transmitters operating in the 5.725–5.85 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.

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.

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Freq (MHz)	Lvl (dBm)
[5725, 5850]	2+3	5745.00000	5549.750000	-53.4
[5725, 5850]	2+3	5745.00000	5549.250000	-53.8
[5725, 5850]	2+3	5745.00000	5550.750000	-54.2
[5725, 5850]	2+3	5745.00000	5545.250000	-54.2
[5725, 5850]	2+3	5745.00000	5555.250000	-54.2
[5725, 5850]	2+3	5745.00000	5642.750000	-54.2
[5725, 5850]	2+3	5745.00000	5547.750000	-54.3
[5725, 5850]	2+3	5745.00000	5548.750000	-54.3
[5725, 5850]	2+3	5745.00000	5558.250000	-54.3
[5725, 5850]	2+3	5745.00000	5551.250000	-54.3
[5725, 5850]	2+3	5745.00000	5552.750000	-54.4
[5725, 5850]	2+3	5745.00000	5552.250000	-54.4

Operation Band (MHz)	Port	Freq (MHz)	Freq (MHz)	Lvl (dBm)
[5725, 5850]	2+3	5745.00000	5554.250000	-54.4
[5725, 5850]	2+3	5745.00000	5526.750000	-54.4
[5725, 5850]	2+3	5745.00000	5642.250000	-54.4
[5725, 5850]	2+3	5825.00000	6024.750000	-53.3
[5725, 5850]	2+3	5825.00000	6049.750000	-53.5
[5725, 5850]	2+3	5825.00000	5971.750000	-53.6
[5725, 5850]	2+3	5825.00000	6069.250000	-53.7
[5725, 5850]	2+3	5825.00000	5975.250000	-53.8
[5725, 5850]	2+3	5825.00000	5939.250000	-53.8
[5725, 5850]	2+3	5825.00000	6002.250000	-53.8
[5725, 5850]	2+3	5825.00000	6027.750000	-53.8
[5725, 5850]	2+3	5825.00000	6021.250000	-53.8
[5725, 5850]	2+3	5825.00000	6032.250000	-53.8
[5725, 5850]	2+3	5825.00000	5950.750000	-53.8
[5725, 5850]	2+3	5825.00000	6757.250000	-53.9
[5725, 5850]	2+3	5825.00000	6023.750000	-53.9
[5725, 5850]	2+3	5825.00000	5984.250000	-53.9
[5725, 5850]	2+3	5825.00000	6008.250000	-53.9

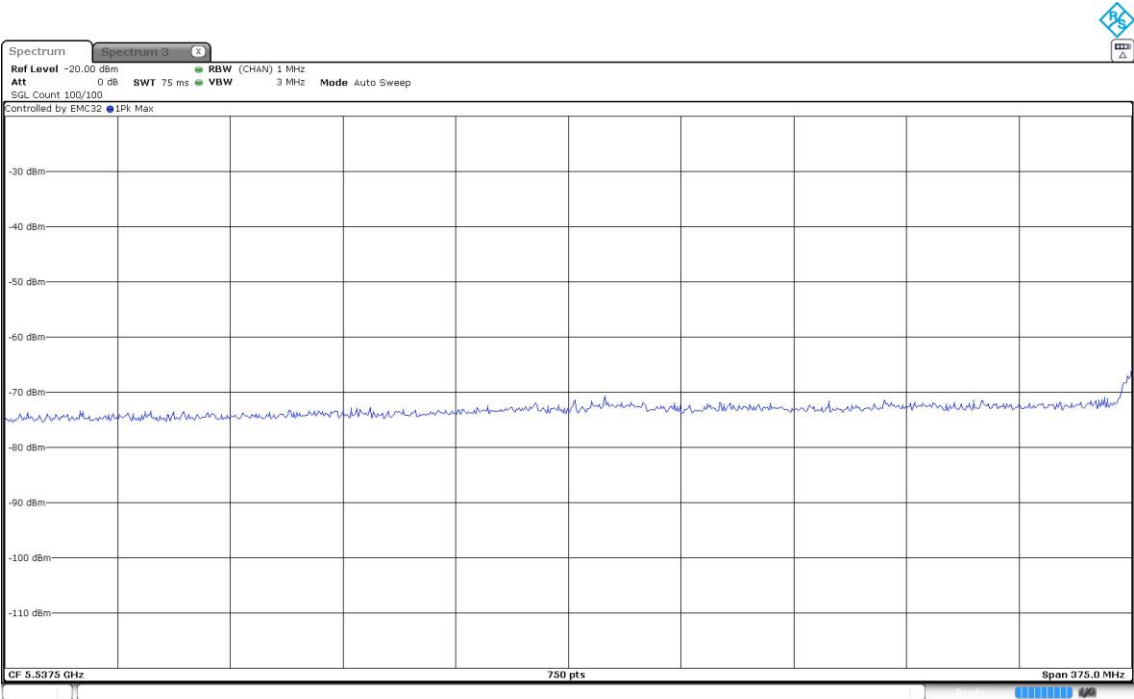
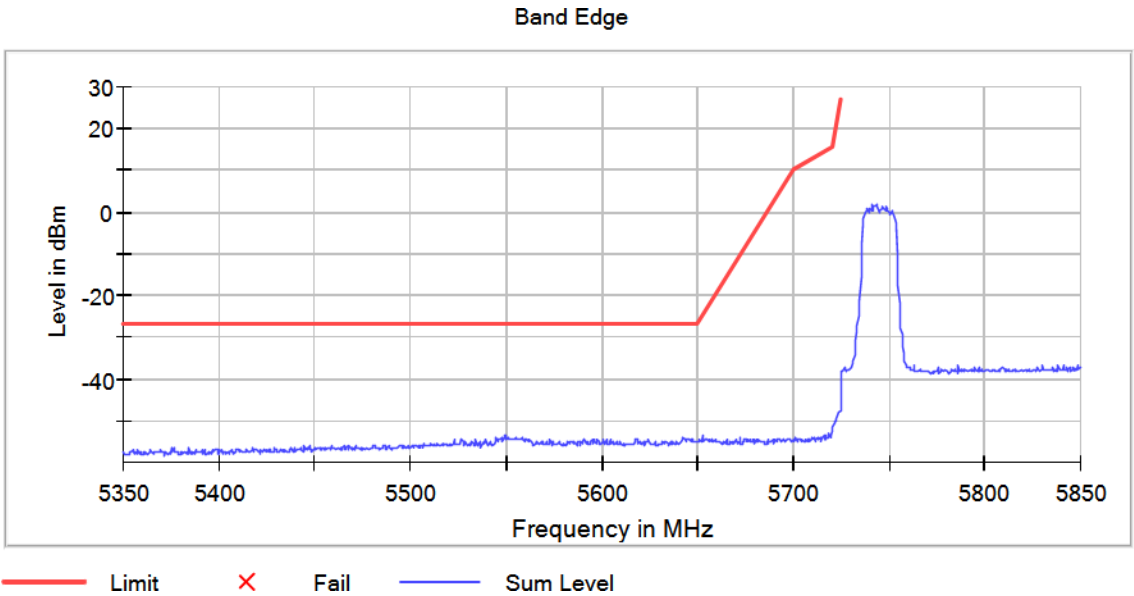
Verdict

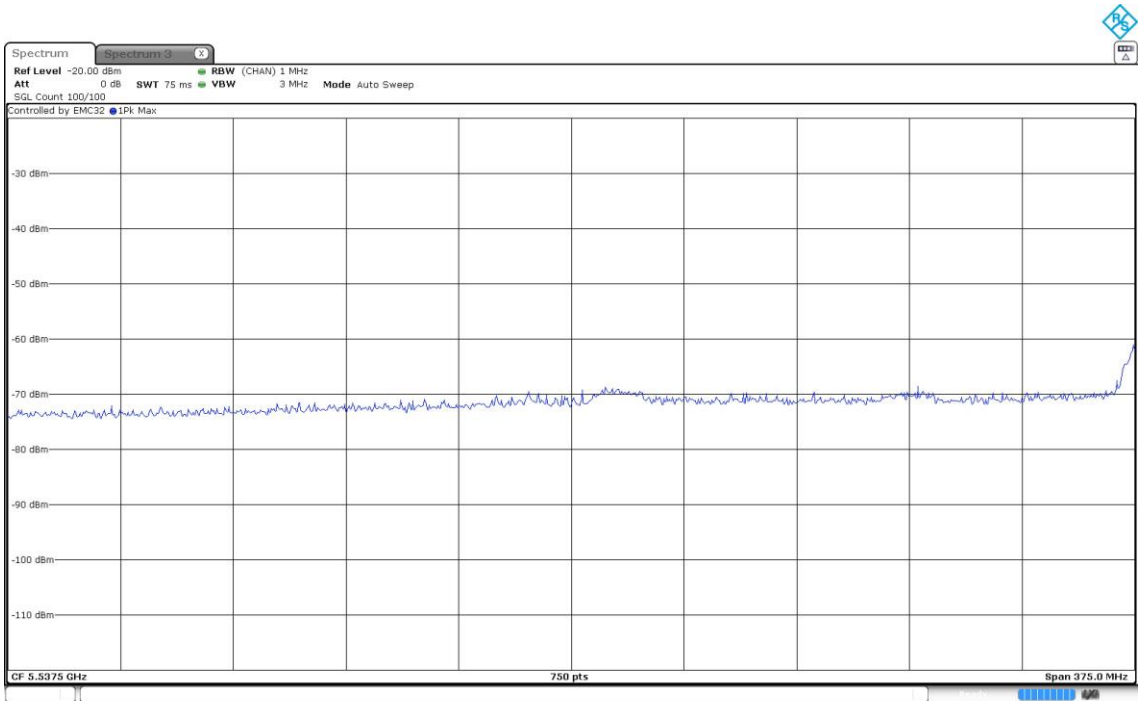
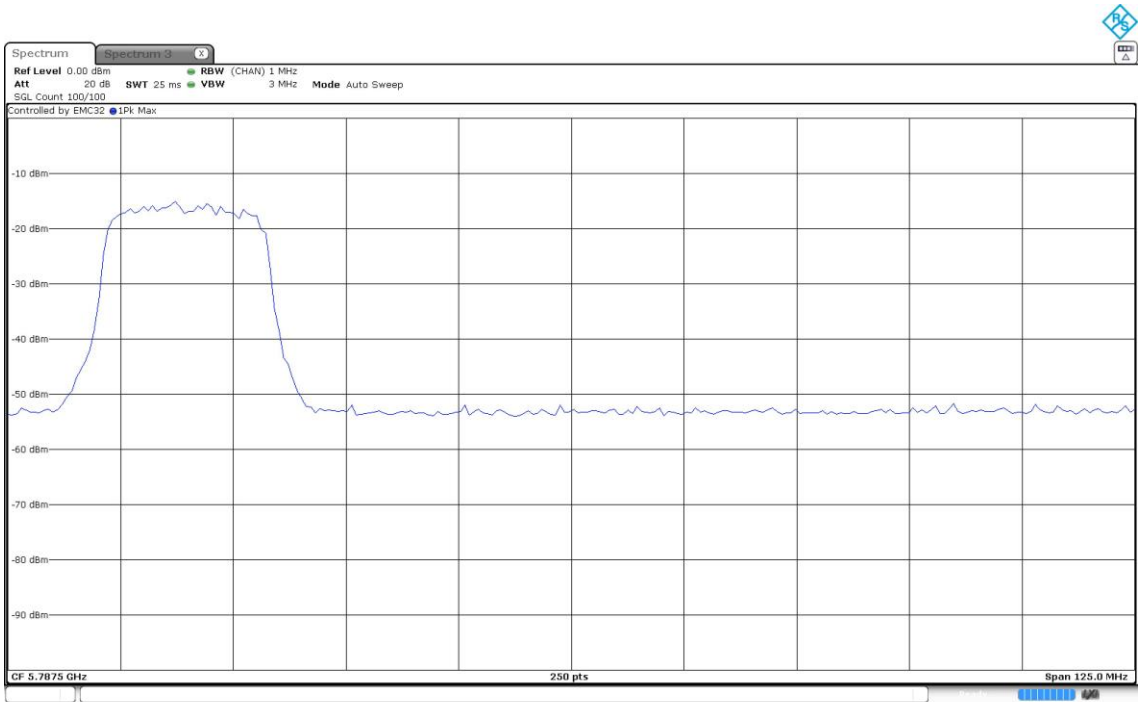
Pass

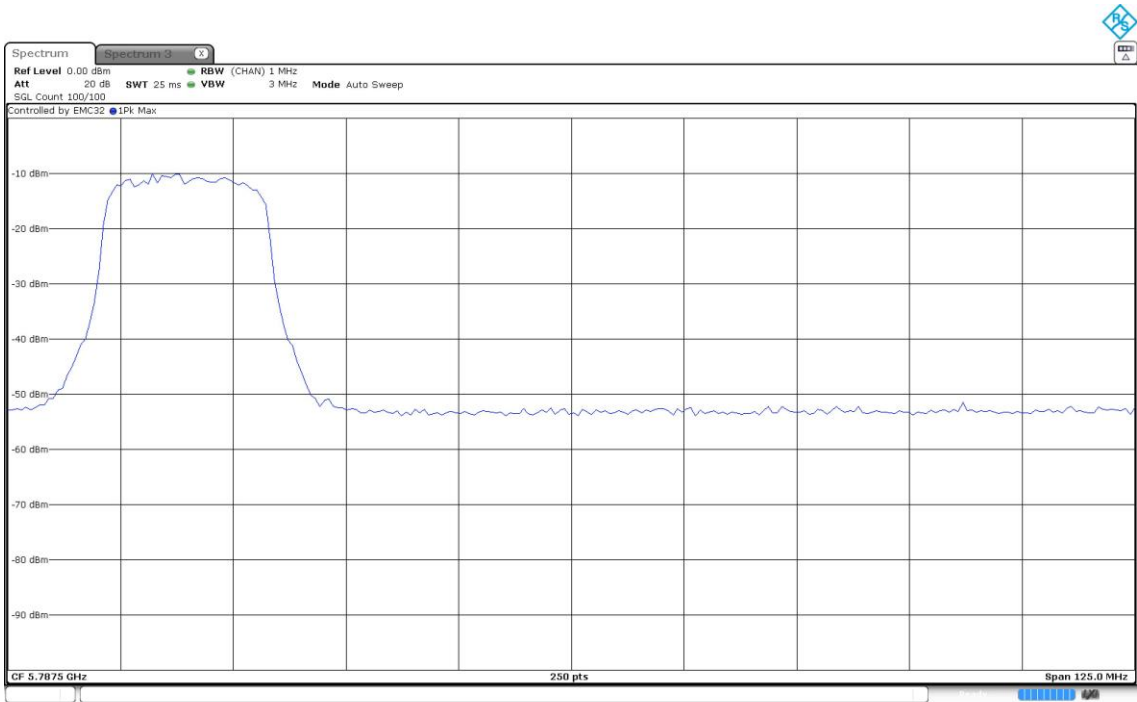
Attachments

Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5745.00000 Modulation = 802.11n HT20 (OFDM MCS0)

Images:





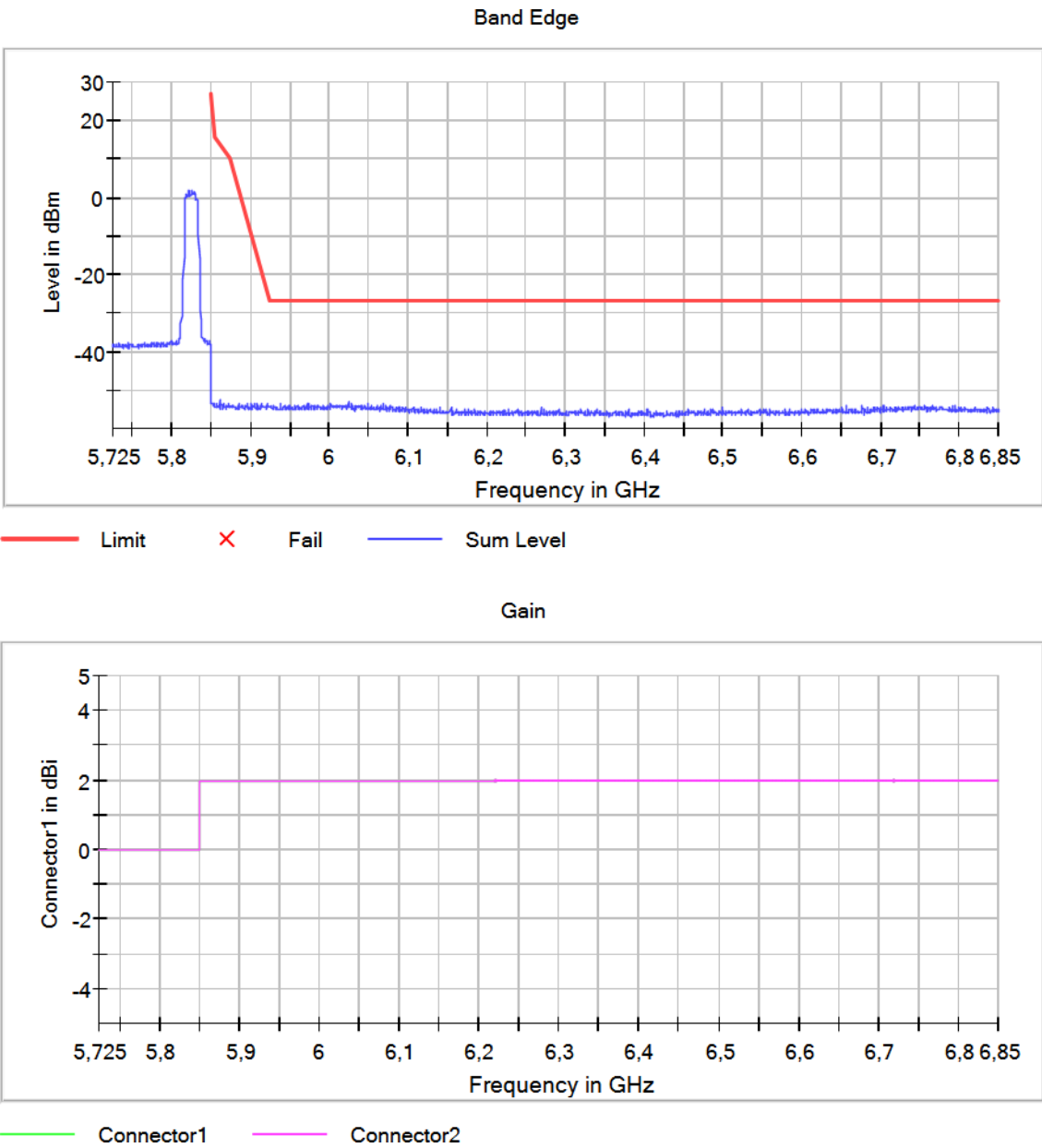


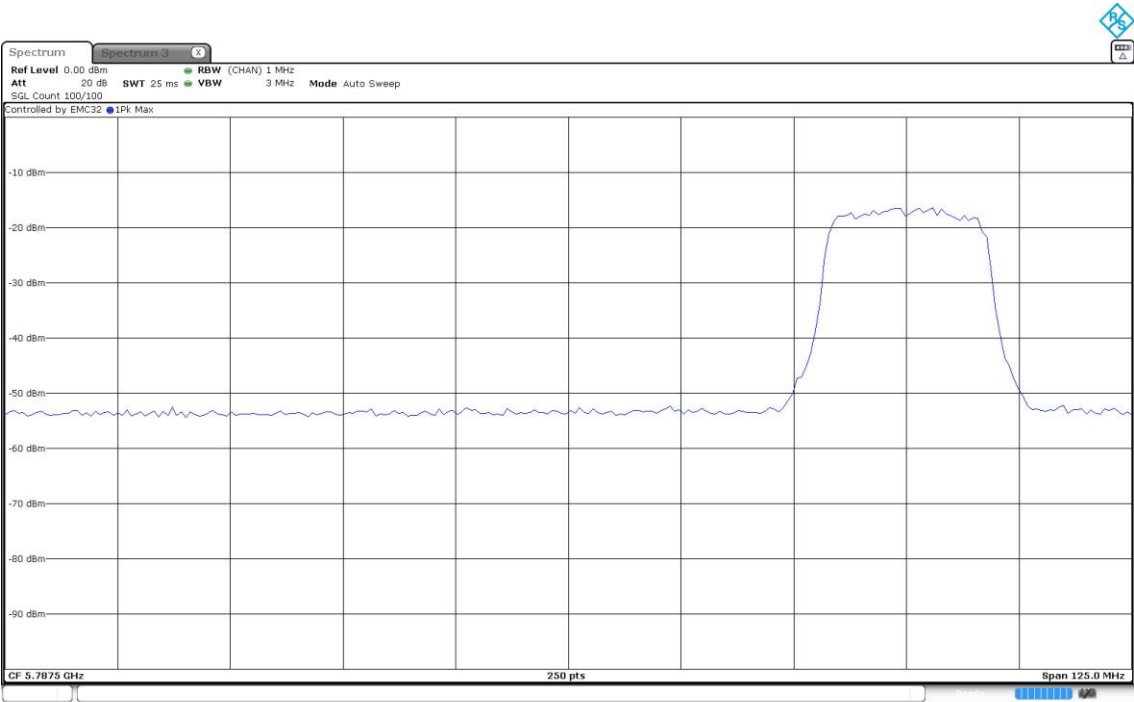
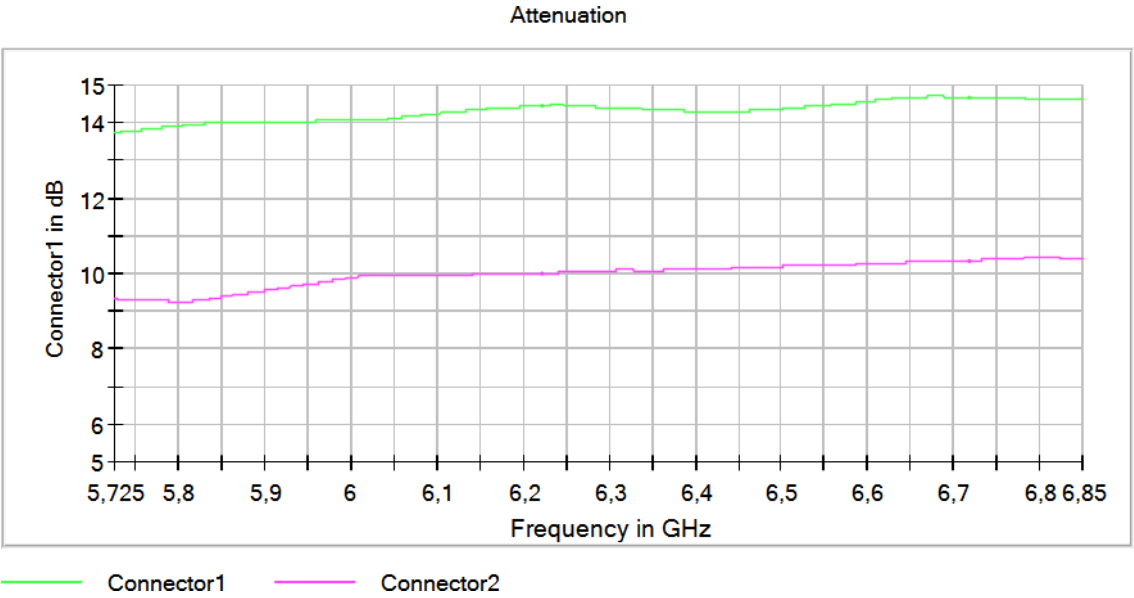
Tables:
Spectrum Analyzer Parameters

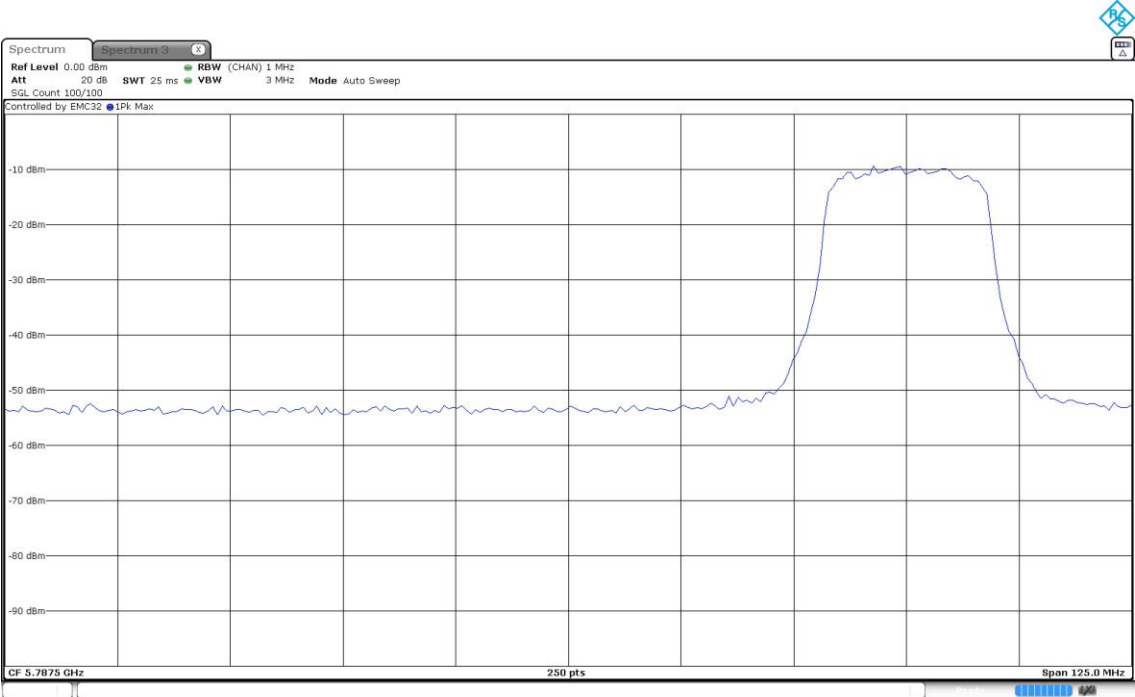
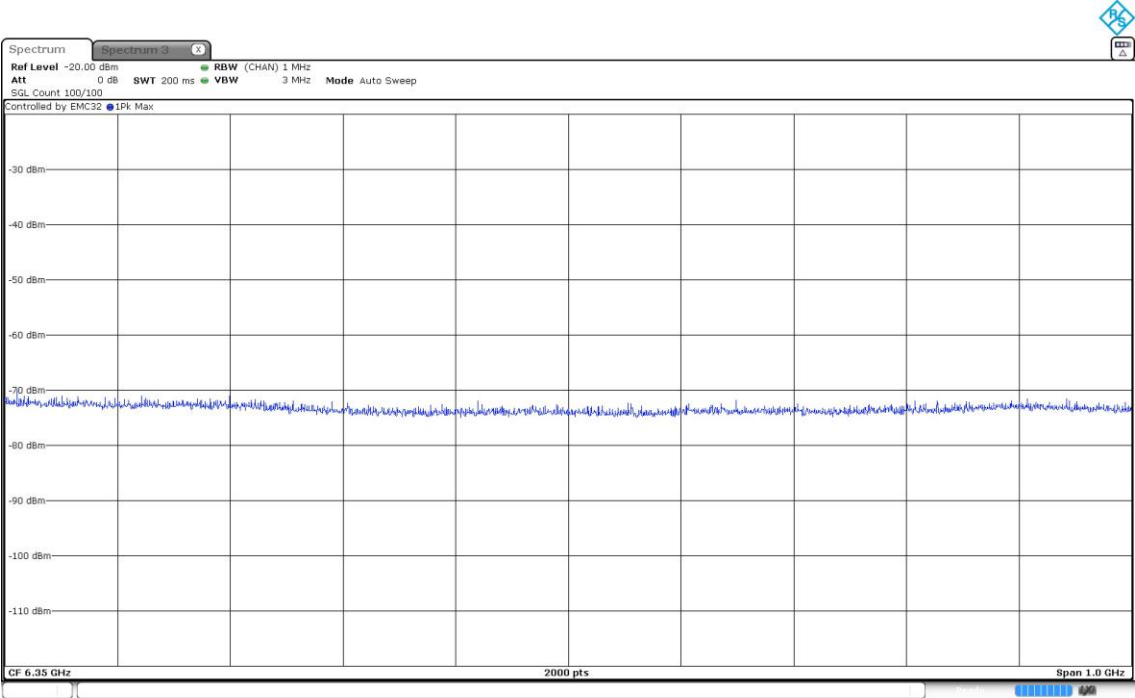
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5549.750000	-53.442	26.4	-27.000	PASS
5549.250000	-53.751	26.8	-27.000	PASS
5550.750000	-54.171	27.2	-27.000	PASS
5545.250000	-54.181	27.2	-27.000	PASS
5555.250000	-54.196	27.2	-27.000	PASS
5642.750000	-54.241	27.2	-27.000	PASS
5547.750000	-54.264	27.3	-27.000	PASS
5548.750000	-54.287	27.3	-27.000	PASS
5558.250000	-54.311	27.3	-27.000	PASS
5551.250000	-54.345	27.3	-27.000	PASS
5552.750000	-54.351	27.4	-27.000	PASS
5552.250000	-54.367	27.4	-27.000	PASS
5554.250000	-54.374	27.4	-27.000	PASS
5526.750000	-54.378	27.4	-27.000	PASS
5642.250000	-54.382	27.4	-27.000	PASS

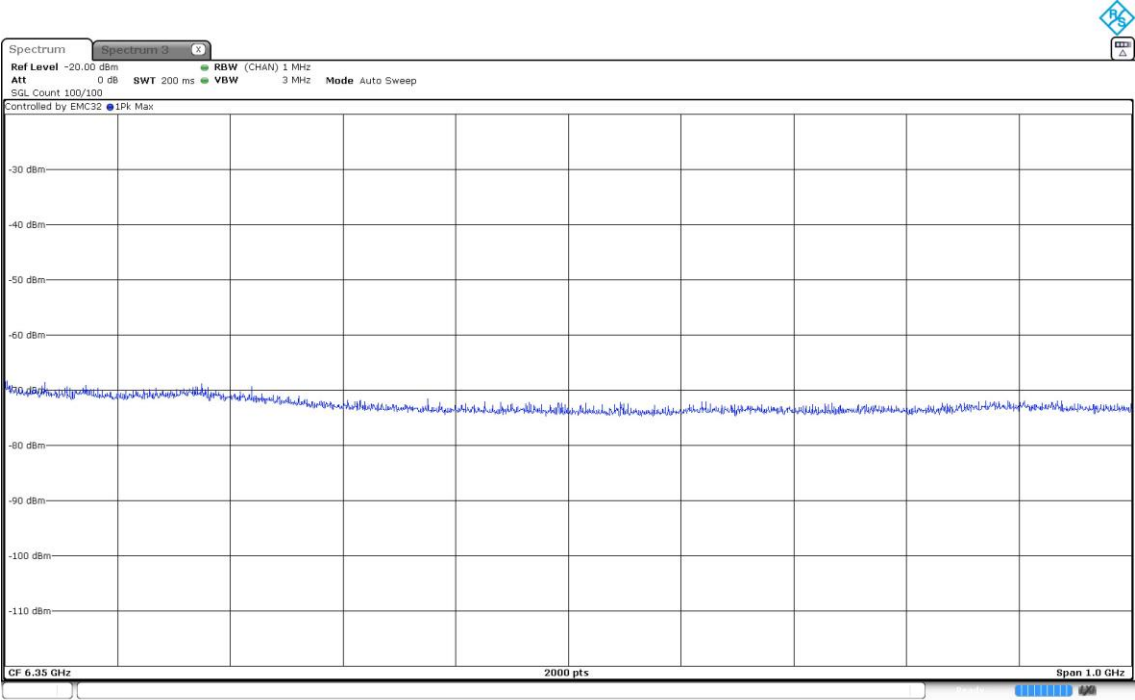
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5825.00000 Modulation = 802.11n HT20 (OFDM MCS0)

Images:









Tables:
Spectrum Analyzer Parameters

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6024.750000	-53.297	26.3	-27.000	PASS
6049.750000	-53.541	26.5	-27.000	PASS
5971.750000	-53.602	26.6	-27.000	PASS
6069.250000	-53.694	26.7	-27.000	PASS
5975.250000	-53.759	26.8	-27.000	PASS
5939.250000	-53.764	26.8	-27.000	PASS
6002.250000	-53.786	26.8	-27.000	PASS
6027.750000	-53.799	26.8	-27.000	PASS
6021.250000	-53.821	26.8	-27.000	PASS
6032.250000	-53.828	26.8	-27.000	PASS
5950.750000	-53.841	26.8	-27.000	PASS
6757.250000	-53.869	26.9	-27.000	PASS
6023.750000	-53.901	26.9	-27.000	PASS
5984.250000	-53.916	26.9	-27.000	PASS
6008.250000	-53.919	26.9	-27.000	PASS

Modulation: 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)

Results

Operation Band (MHz)	Port	Freq (MHz)	Freq (MHz)	Lvl (dBm)
[5725, 5850]	2+3	5755.00000	5522.250000	-51.5
[5725, 5850]	2+3	5755.00000	5527.250000	-51.6
[5725, 5850]	2+3	5755.00000	5512.250000	-52.5
[5725, 5850]	2+3	5755.00000	5527.750000	-52.9
[5725, 5850]	2+3	5755.00000	5521.750000	-52.9
[5725, 5850]	2+3	5755.00000	5566.250000	-53.1
[5725, 5850]	2+3	5755.00000	5522.750000	-53.1
[5725, 5850]	2+3	5755.00000	5526.750000	-53.1
[5725, 5850]	2+3	5755.00000	5516.750000	-53.3
[5725, 5850]	2+3	5755.00000	5644.750000	-53.5
[5725, 5850]	2+3	5755.00000	5526.250000	-53.7
[5725, 5850]	2+3	5755.00000	5530.750000	-53.7
[5725, 5850]	2+3	5755.00000	5536.750000	-53.8
[5725, 5850]	2+3	5755.00000	5638.750000	-53.8
[5725, 5850]	2+3	5755.00000	5525.750000	-53.9
[5725, 5850]	2+3	5795.00000	5956.250000	-53.0
[5725, 5850]	2+3	5795.00000	5976.250000	-53.0
[5725, 5850]	2+3	5795.00000	5928.250000	-53.2
[5725, 5850]	2+3	5795.00000	6020.250000	-53.2
[5725, 5850]	2+3	5795.00000	5932.750000	-53.3
[5725, 5850]	2+3	5795.00000	5936.750000	-53.4
[5725, 5850]	2+3	5795.00000	6016.750000	-53.5
[5725, 5850]	2+3	5795.00000	5926.750000	-53.5
[5725, 5850]	2+3	5795.00000	5927.250000	-53.6
[5725, 5850]	2+3	5795.00000	5940.750000	-53.6
[5725, 5850]	2+3	5795.00000	5997.250000	-53.6
[5725, 5850]	2+3	5795.00000	6064.250000	-53.7
[5725, 5850]	2+3	5795.00000	5983.750000	-53.7
[5725, 5850]	2+3	5795.00000	5925.750000	-53.7
[5725, 5850]	2+3	5795.00000	5929.250000	-53.7

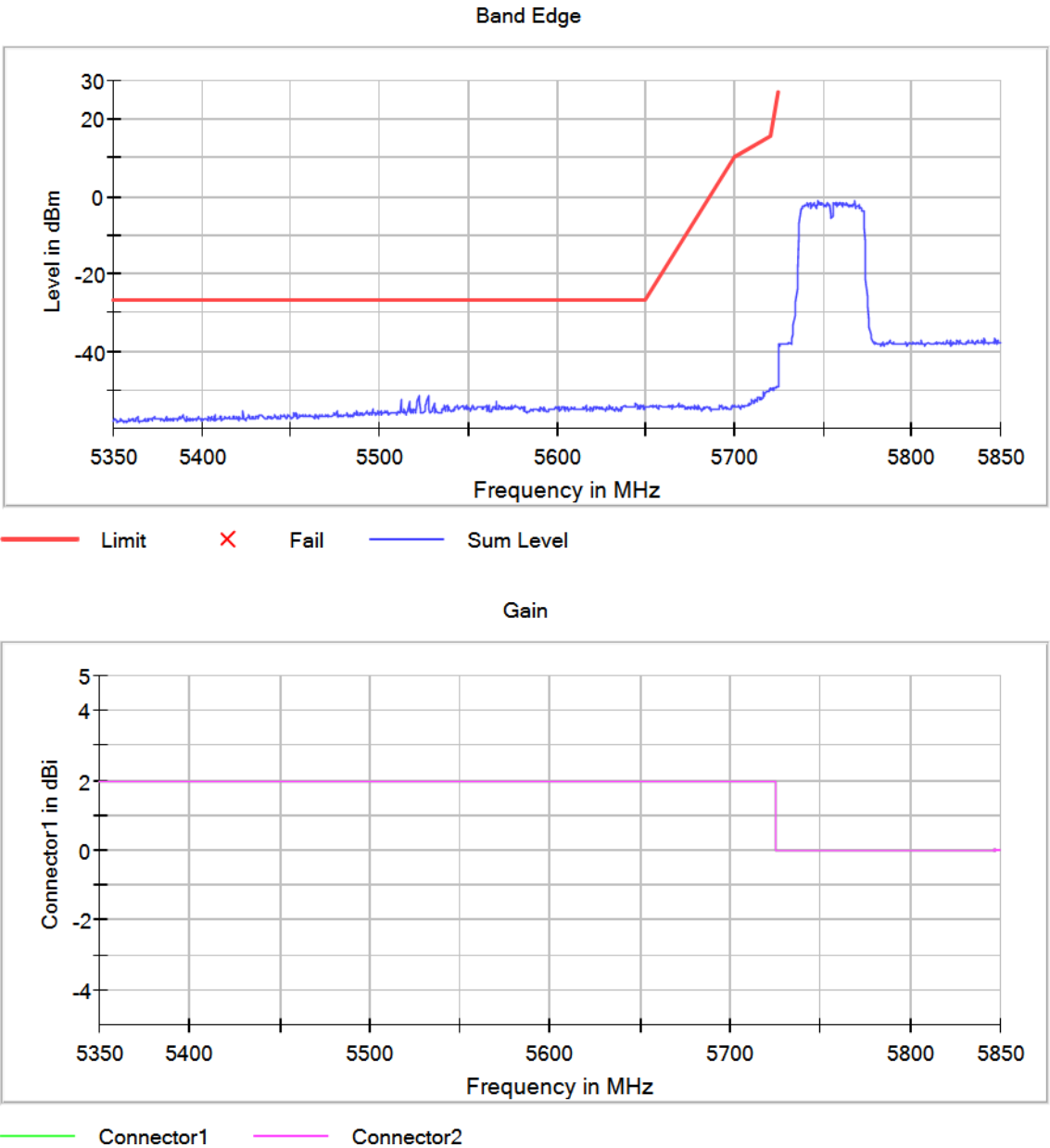
Verdict

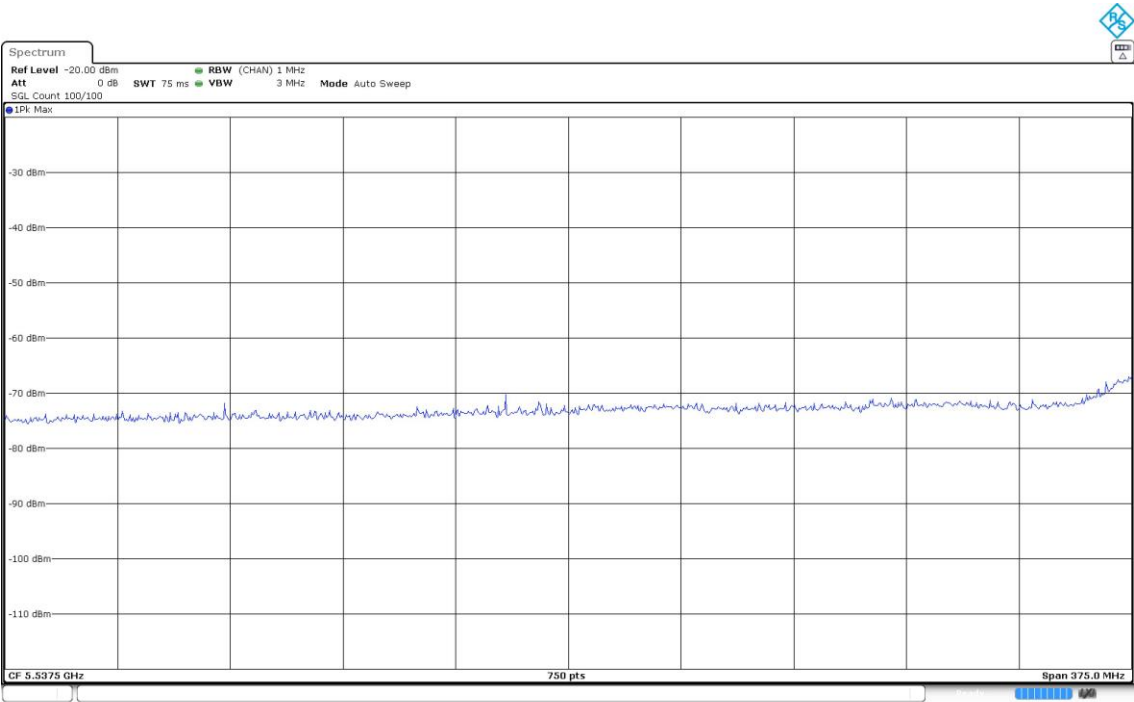
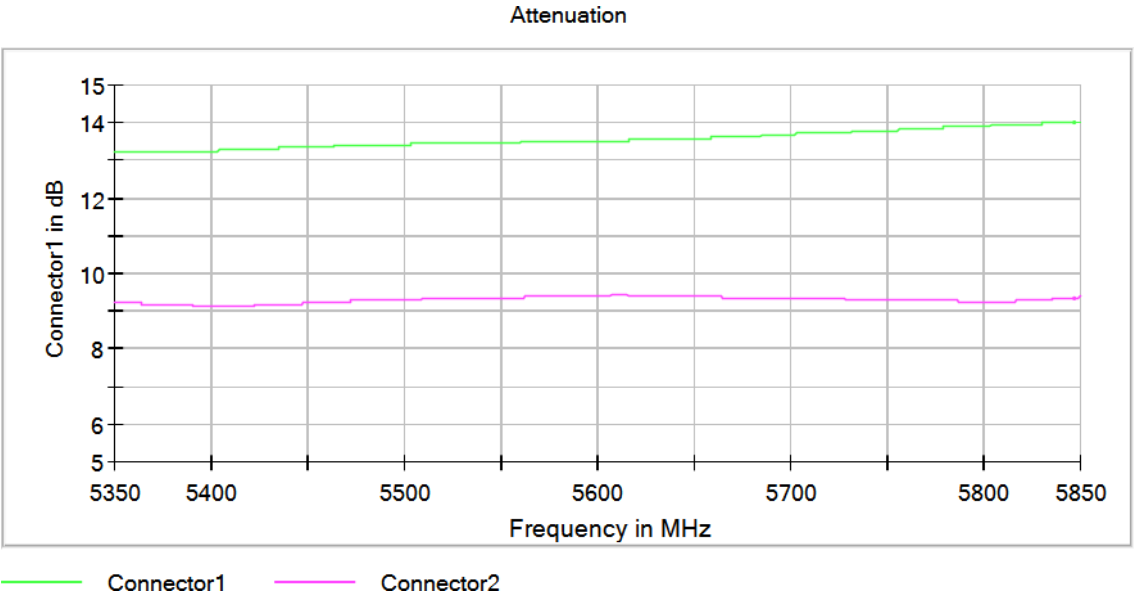
Pass

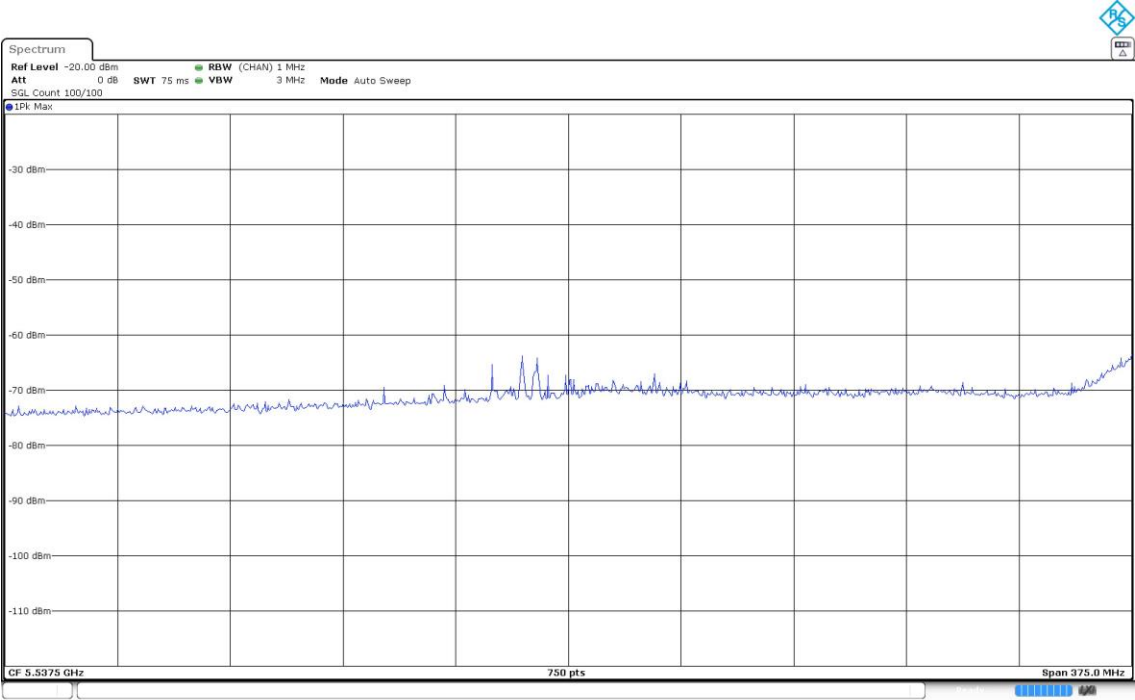
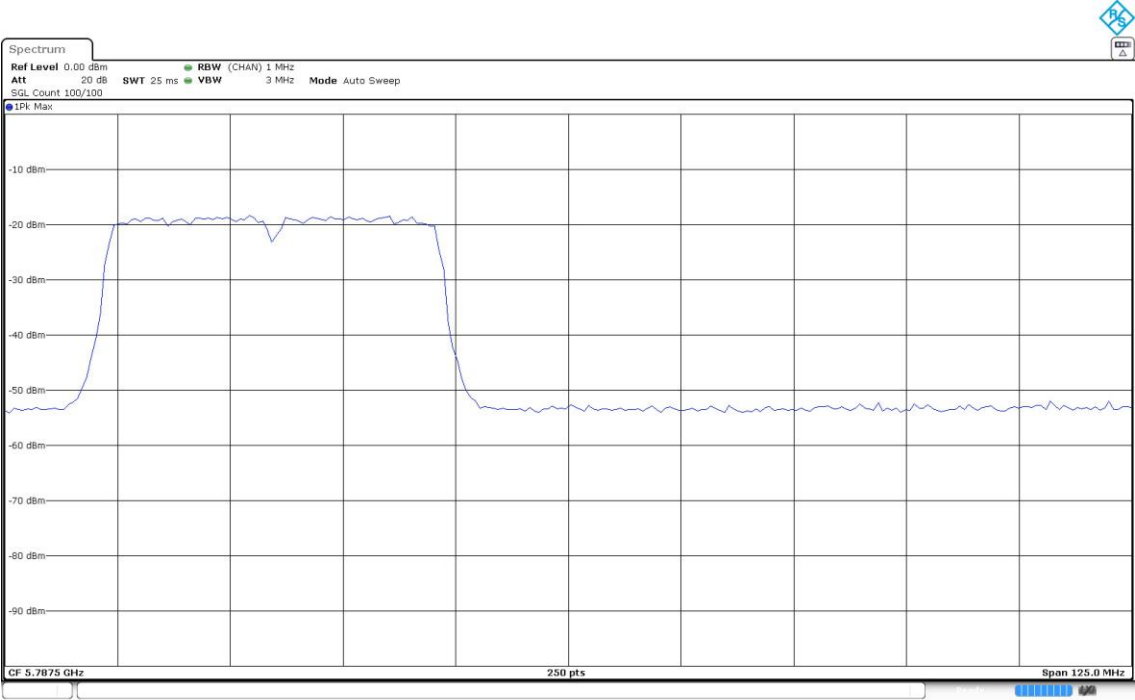
Attachments

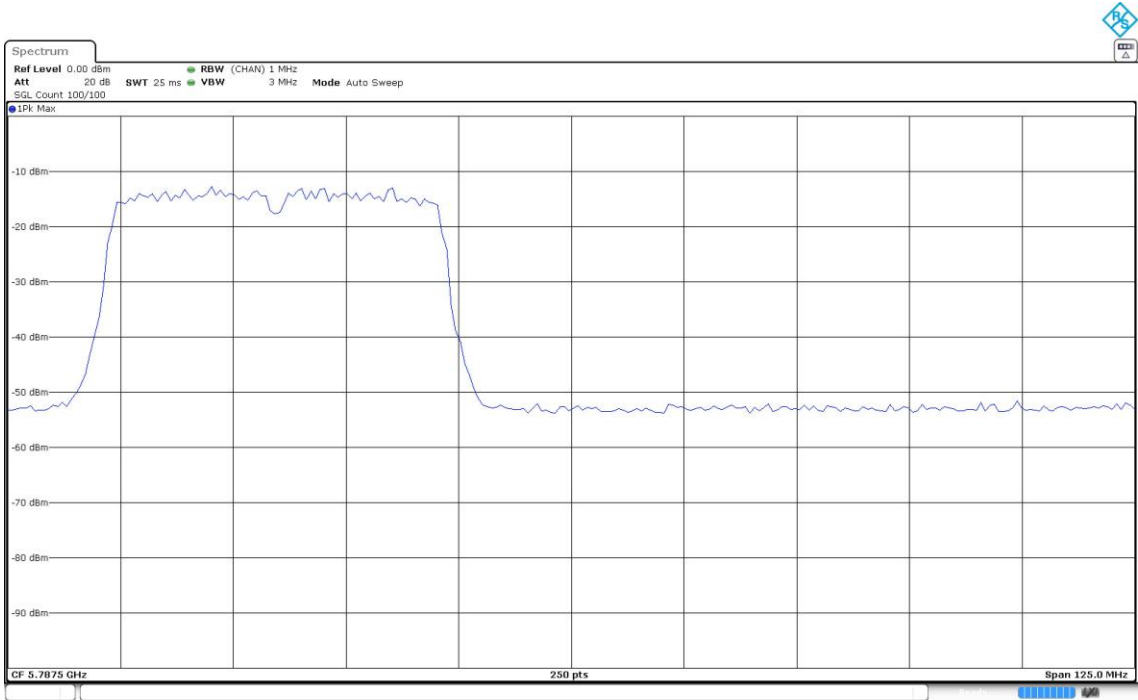
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)

Images:







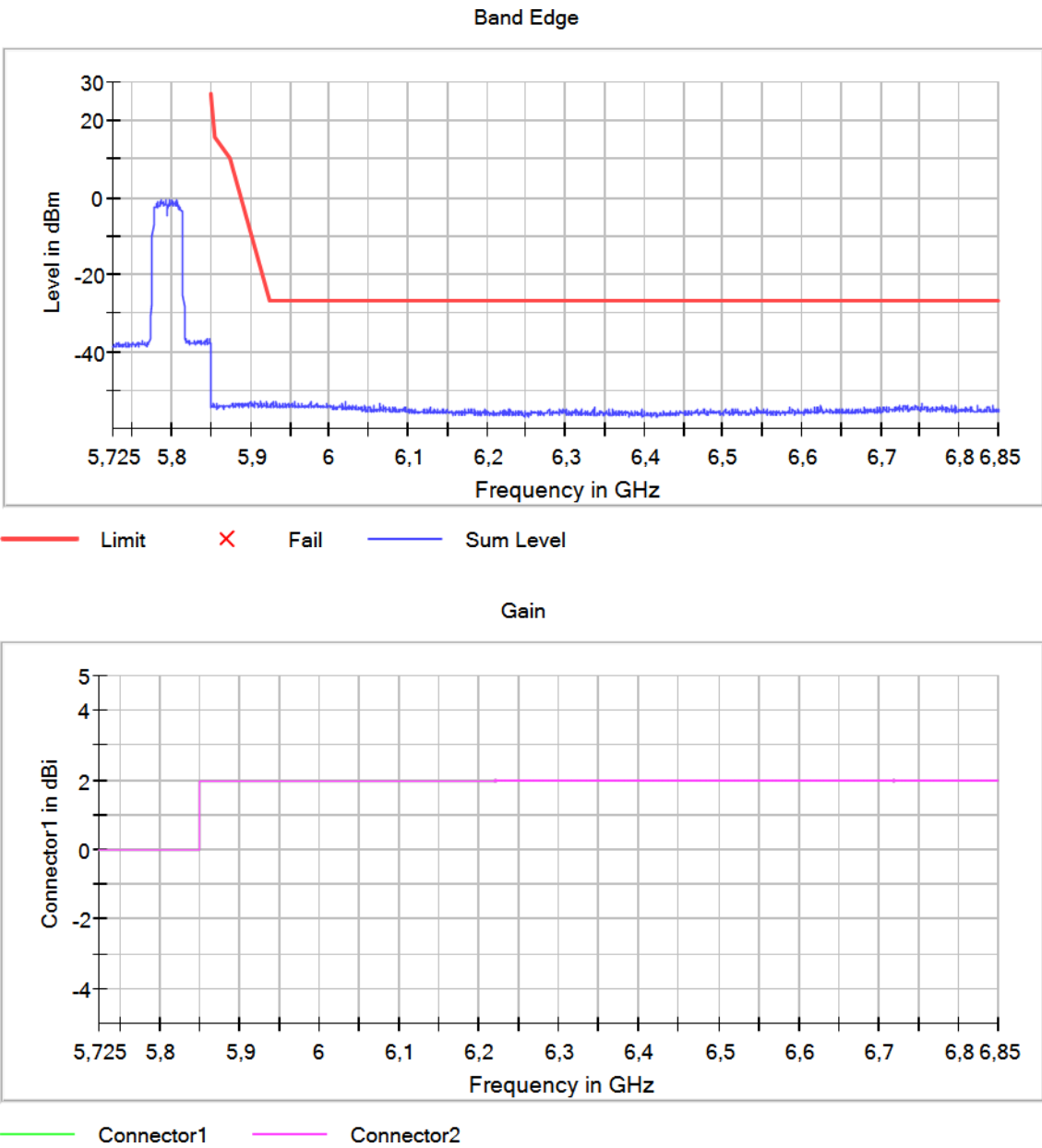


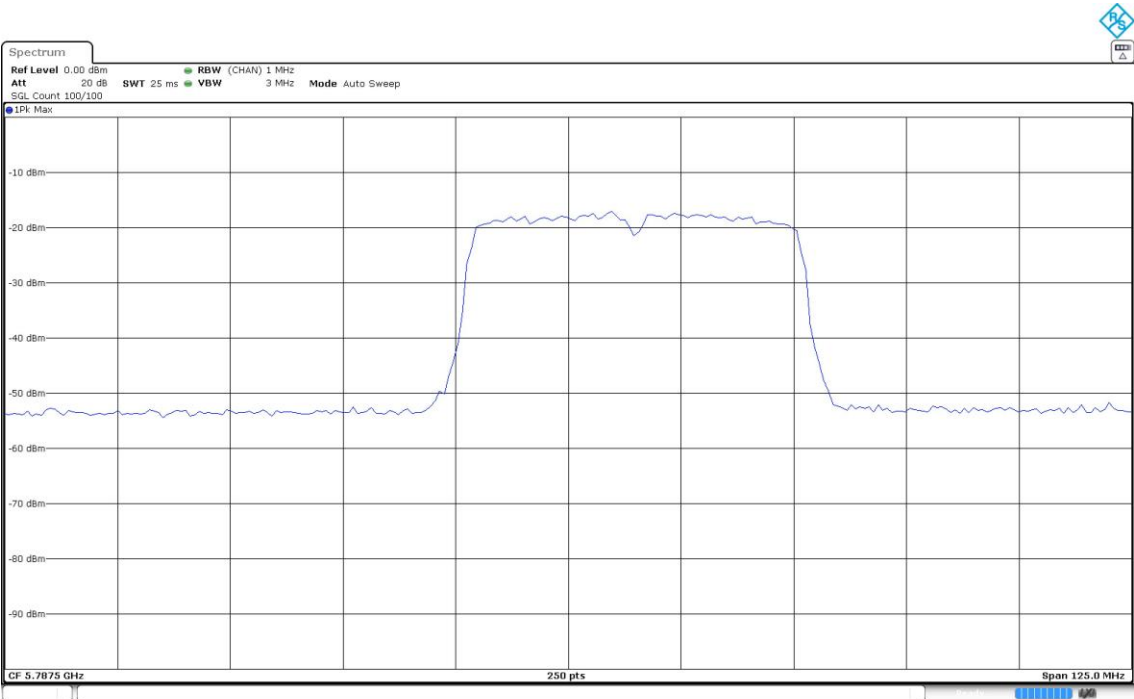
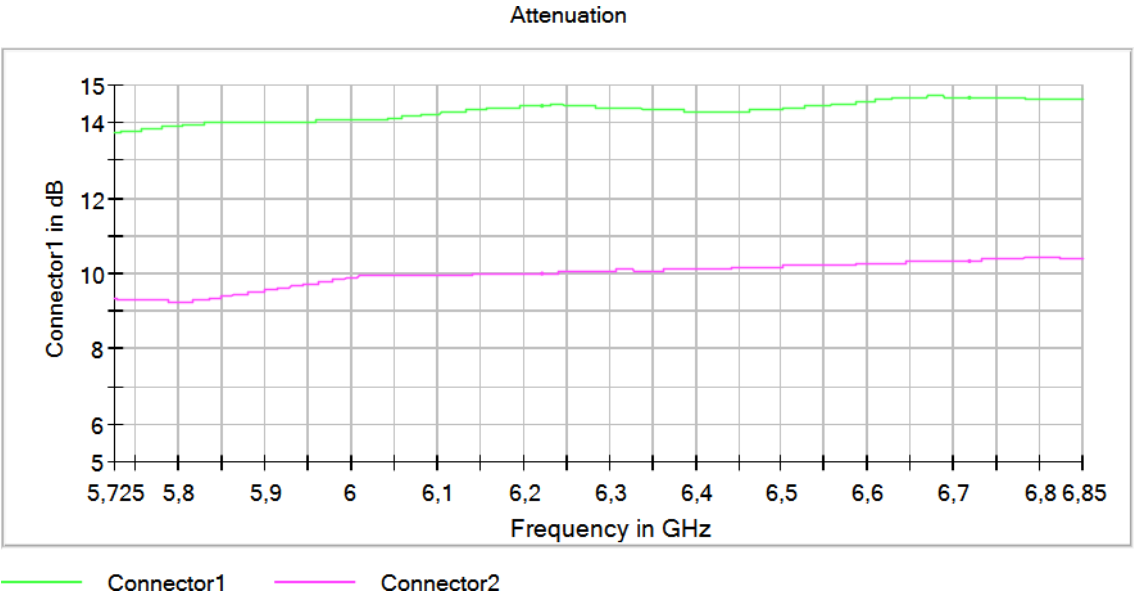
Tables:
Spectrum Analyzer Parameters

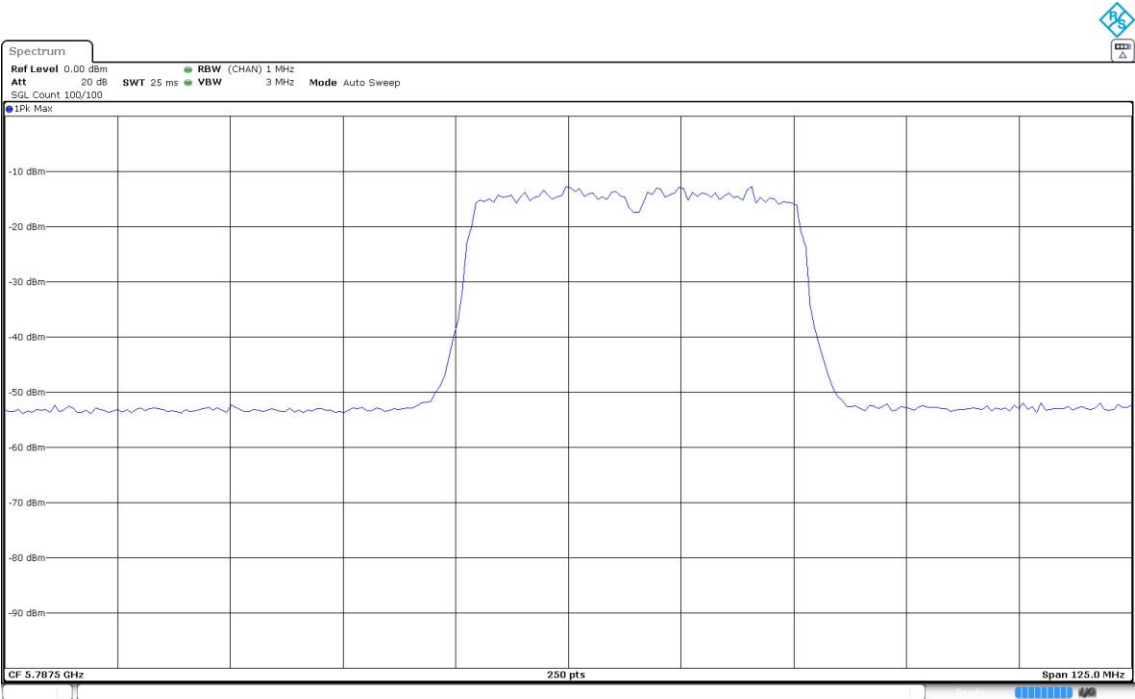
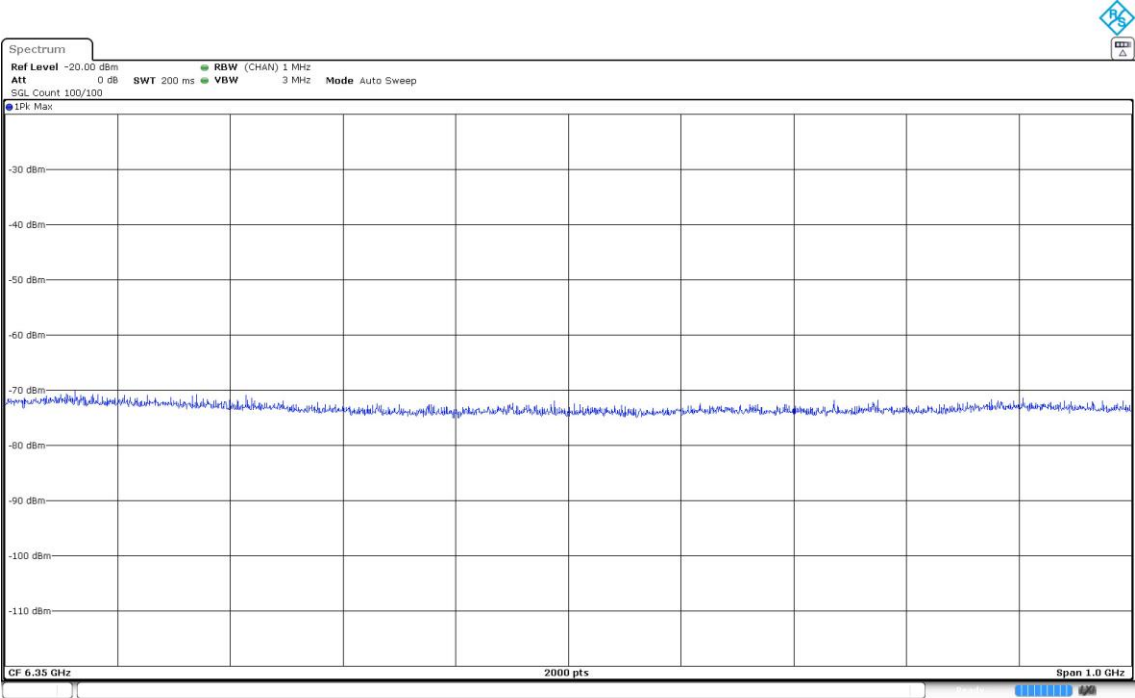
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5522.250000	-51.460	24.5	-27.000	PASS
5527.250000	-51.574	24.6	-27.000	PASS
5512.250000	-52.492	25.5	-27.000	PASS
5527.750000	-52.857	25.9	-27.000	PASS
5521.750000	-52.886	25.9	-27.000	PASS
5566.250000	-53.062	26.1	-27.000	PASS
5522.750000	-53.104	26.1	-27.000	PASS
5526.750000	-53.139	26.1	-27.000	PASS
5516.750000	-53.261	26.3	-27.000	PASS
5644.750000	-53.549	26.5	-27.000	PASS
5526.250000	-53.673	26.7	-27.000	PASS
5530.750000	-53.699	26.7	-27.000	PASS
5536.750000	-53.836	26.8	-27.000	PASS
5638.750000	-53.845	26.8	-27.000	PASS
5525.750000	-53.924	26.9	-27.000	PASS

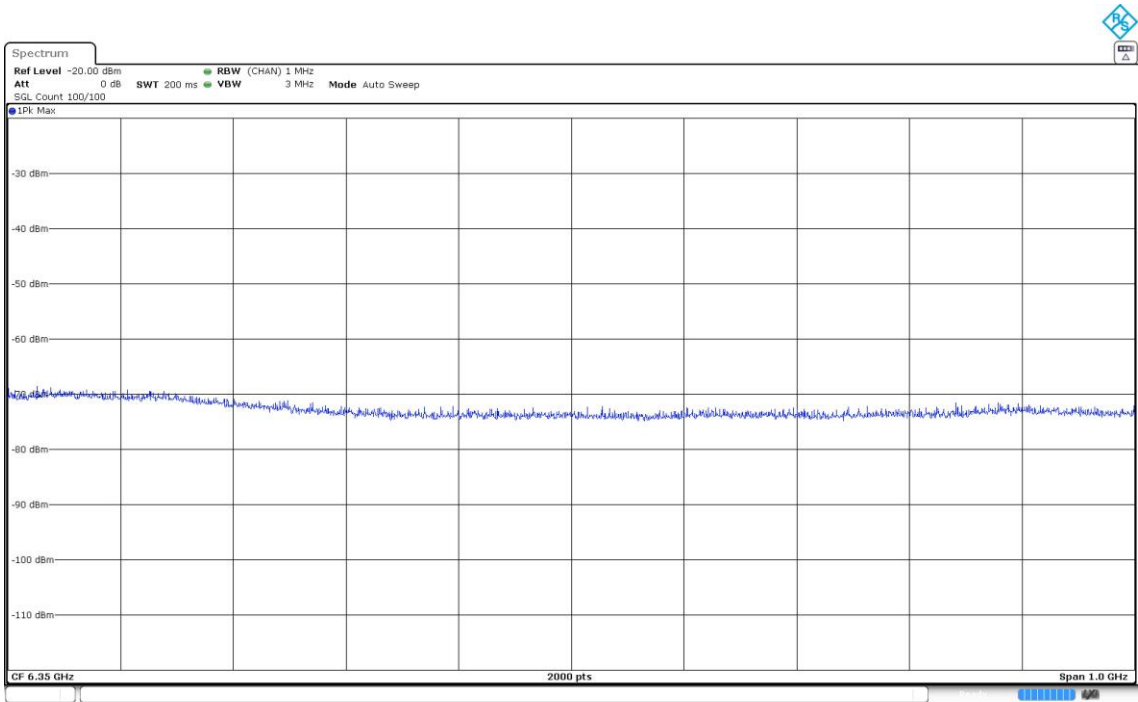
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5795.00000 Modulation = 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)

Images:









Tables:
Spectrum Analyzer Parameters

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5956.250000	-52.983	26.0	-27.000	PASS
5976.250000	-53.046	26.0	-27.000	PASS
5928.250000	-53.208	26.2	-27.000	PASS
6020.250000	-53.240	26.2	-27.000	PASS
5932.750000	-53.267	26.3	-27.000	PASS
5936.750000	-53.381	26.4	-27.000	PASS
6016.750000	-53.450	26.5	-27.000	PASS
5926.750000	-53.487	26.5	-27.000	PASS
5927.250000	-53.593	26.6	-27.000	PASS
5940.750000	-53.594	26.6	-27.000	PASS
5997.250000	-53.637	26.6	-27.000	PASS
6064.250000	-53.663	26.7	-27.000	PASS
5983.750000	-53.680	26.7	-27.000	PASS
5925.750000	-53.684	26.7	-27.000	PASS
5929.250000	-53.690	26.7	-27.000	PASS

Modulation: 802.11a (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Port	Freq (MHz)	Freq (MHz)	Lvl (dBm)
[5725, 5850]	2+3	5745.00000	5516.750000	-52.2
[5725, 5850]	2+3	5745.00000	5523.250000	-50.7
[5725, 5850]	2+3	5745.00000	5512.750000	-52.6
[5725, 5850]	2+3	5745.00000	5519.250000	-52.4
[5725, 5850]	2+3	5745.00000	5519.250000	-53.0
[5725, 5850]	2+3	5745.00000	5519.750000	-52.7
[5725, 5850]	2+3	5745.00000	5554.250000	-53.4
[5725, 5850]	2+3	5745.00000	5547.750000	-52.8
[5725, 5850]	2+3	5745.00000	5514.250000	-53.5
[5725, 5850]	2+3	5745.00000	5542.250000	-52.8
[5725, 5850]	2+3	5745.00000	5551.750000	-53.5
[5725, 5850]	2+3	5745.00000	5552.250000	-52.9
[5725, 5850]	2+3	5745.00000	5554.750000	-53.6
[5725, 5850]	2+3	5745.00000	5548.250000	-52.9
[5725, 5850]	2+3	5745.00000	5646.250000	-53.7
[5725, 5850]	2+3	5745.00000	5523.750000	-53.1
[5725, 5850]	2+3	5745.00000	5612.750000	-53.7
[5725, 5850]	2+3	5745.00000	5551.250000	-53.1
[5725, 5850]	2+3	5745.00000	5603.250000	-53.7
[5725, 5850]	2+3	5745.00000	5558.250000	-53.2
[5725, 5850]	2+3	5745.00000	5550.250000	-53.8
[5725, 5850]	2+3	5745.00000	5543.750000	-53.3
[5725, 5850]	2+3	5745.00000	5650.250000	-53.7
[5725, 5850]	2+3	5745.00000	5643.750000	-53.5
[5725, 5850]	2+3	5745.00000	5516.250000	-53.9
[5725, 5850]	2+3	5745.00000	5541.250000	-53.5
[5725, 5850]	2+3	5745.00000	5557.750000	-53.9
[5725, 5850]	2+3	5745.00000	5542.750000	-53.6
[5725, 5850]	2+3	5745.00000	5546.750000	-54.0
[5725, 5850]	2+3	5745.00000	5552.750000	-53.6
[5725, 5850]	2+3	5825.00000	5941.750000	-53.2
[5725, 5850]	2+3	5825.00000	6016.250000	-53.2
[5725, 5850]	2+3	5825.00000	6020.250000	-53.6
[5725, 5850]	2+3	5825.00000	6009.250000	-53.3
[5725, 5850]	2+3	5825.00000	6773.750000	-53.6
[5725, 5850]	2+3	5825.00000	6746.250000	-53.4
[5725, 5850]	2+3	5825.00000	6016.250000	-53.6
[5725, 5850]	2+3	5825.00000	5984.250000	-53.6
[5725, 5850]	2+3	5825.00000	6032.750000	-53.7

Operation Band (MHz)	Port	Freq (MHz)	Freq (MHz)	Lvl (dBm)
[5725, 5850]	2+3	5825.00000	6016.750000	-53.6
[5725, 5850]	2+3	5825.00000	5927.250000	-53.7
[5725, 5850]	2+3	5825.00000	5967.750000	-53.7
[5725, 5850]	2+3	5825.00000	6014.750000	-53.7
[5725, 5850]	2+3	5825.00000	5951.750000	-53.7
[5725, 5850]	2+3	5825.00000	6006.250000	-53.7
[5725, 5850]	2+3	5825.00000	6010.250000	-53.7
[5725, 5850]	2+3	5825.00000	5991.750000	-53.8
[5725, 5850]	2+3	5825.00000	6034.250000	-53.7
[5725, 5850]	2+3	5825.00000	6010.250000	-53.8
[5725, 5850]	2+3	5825.00000	5981.750000	-53.8
[5725, 5850]	2+3	5825.00000	6013.750000	-53.8
[5725, 5850]	2+3	5825.00000	6015.750000	-53.8
[5725, 5850]	2+3	5825.00000	6019.250000	-53.8
[5725, 5850]	2+3	5825.00000	6003.250000	-53.8
[5725, 5850]	2+3	5825.00000	5969.250000	-53.8
[5725, 5850]	2+3	5825.00000	6043.750000	-53.8
[5725, 5850]	2+3	5825.00000	6010.750000	-53.8
[5725, 5850]	2+3	5825.00000	6011.750000	-53.8
[5725, 5850]	2+3	5825.00000	5950.750000	-53.8
[5725, 5850]	2+3	5825.00000	6011.250000	-53.8

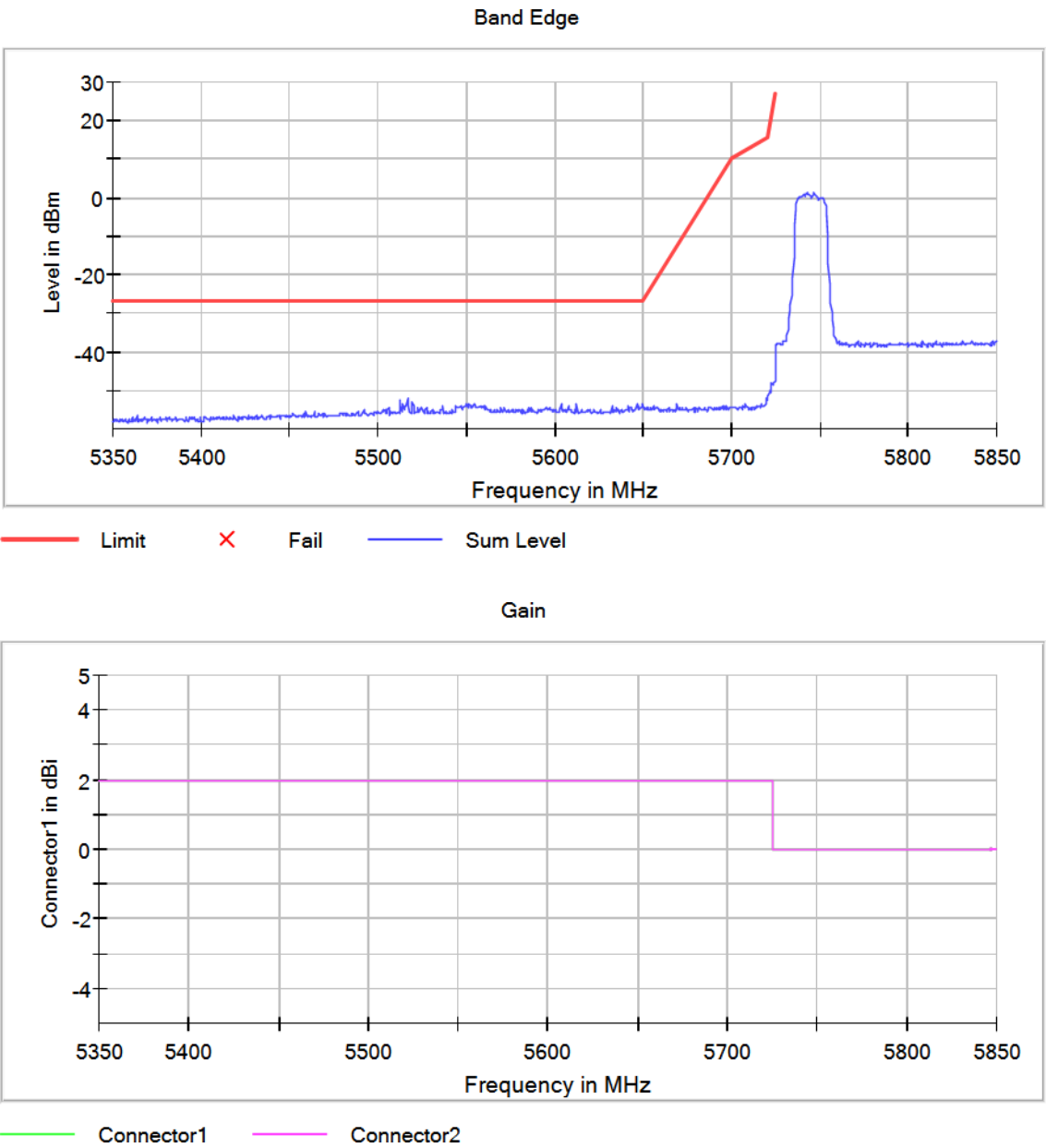
Verdict

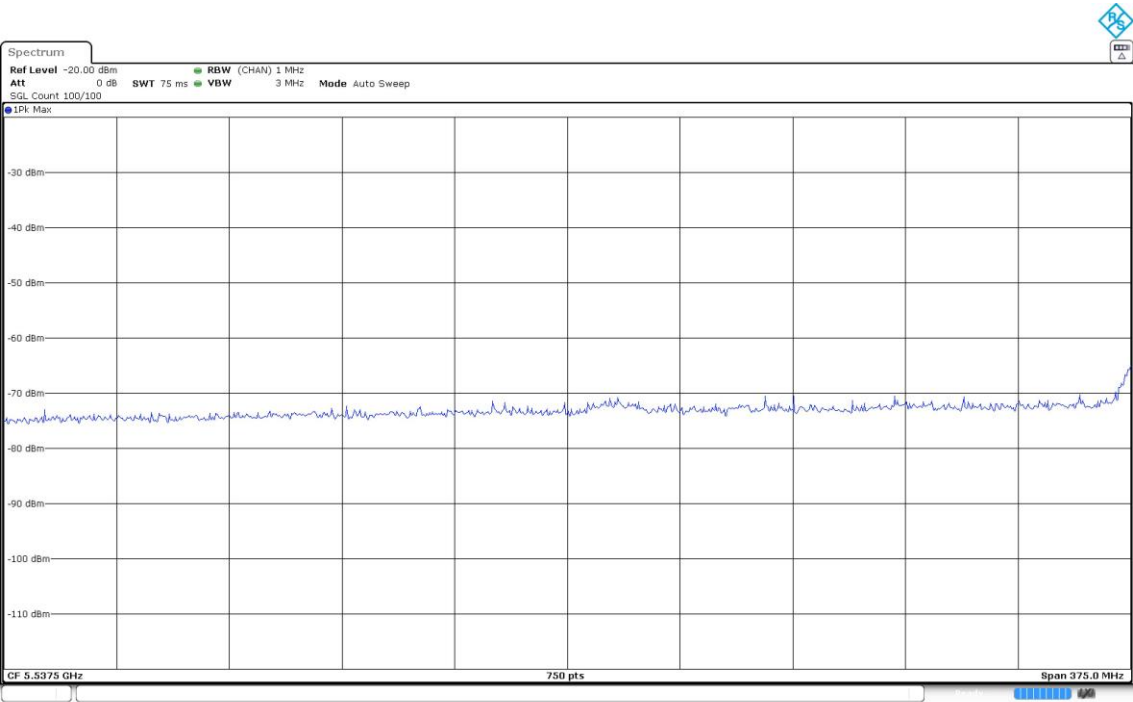
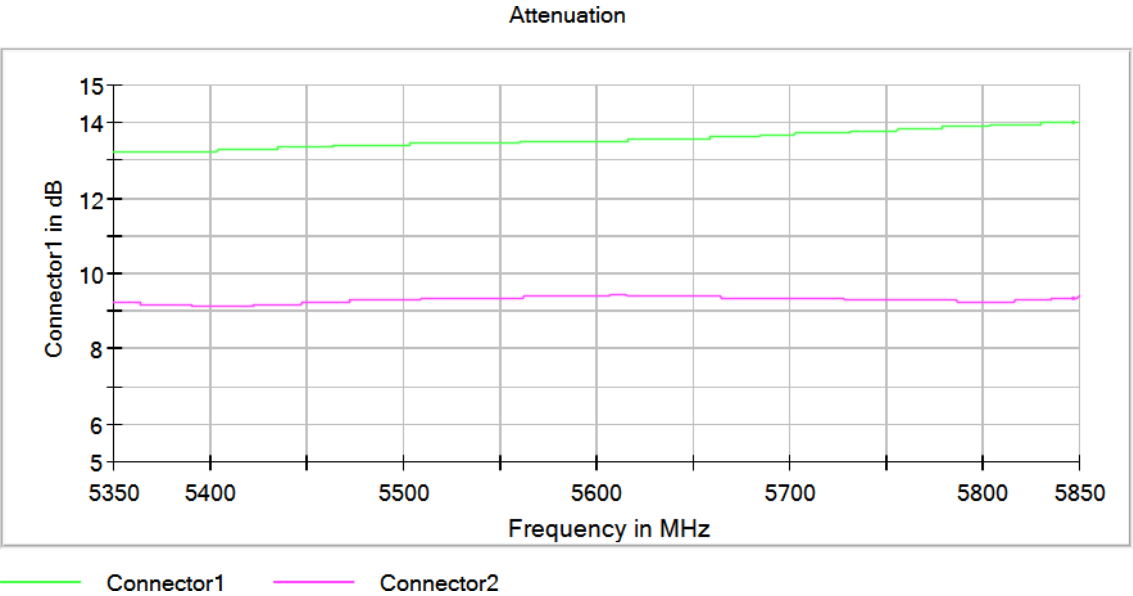
Pass

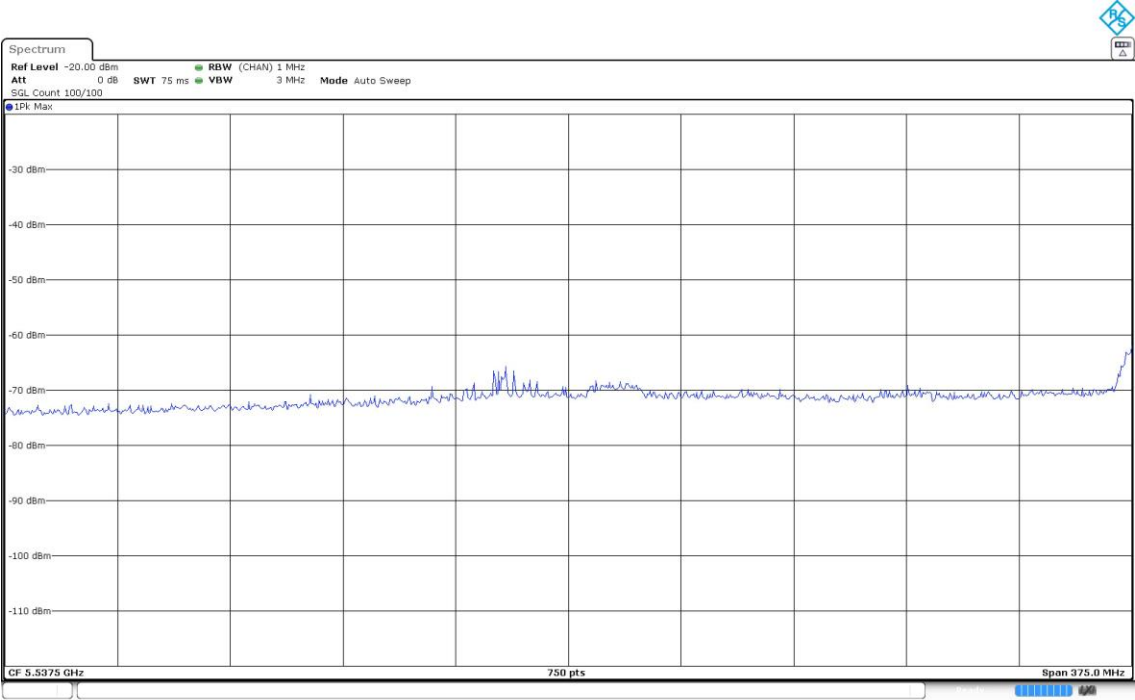
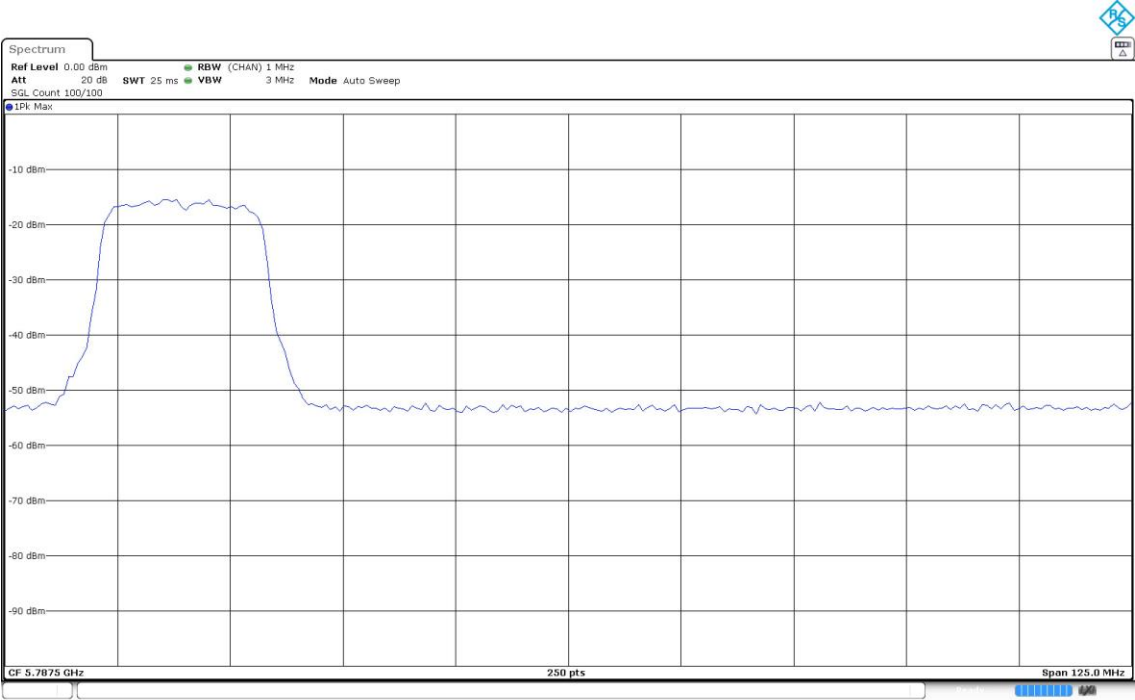
Attachments

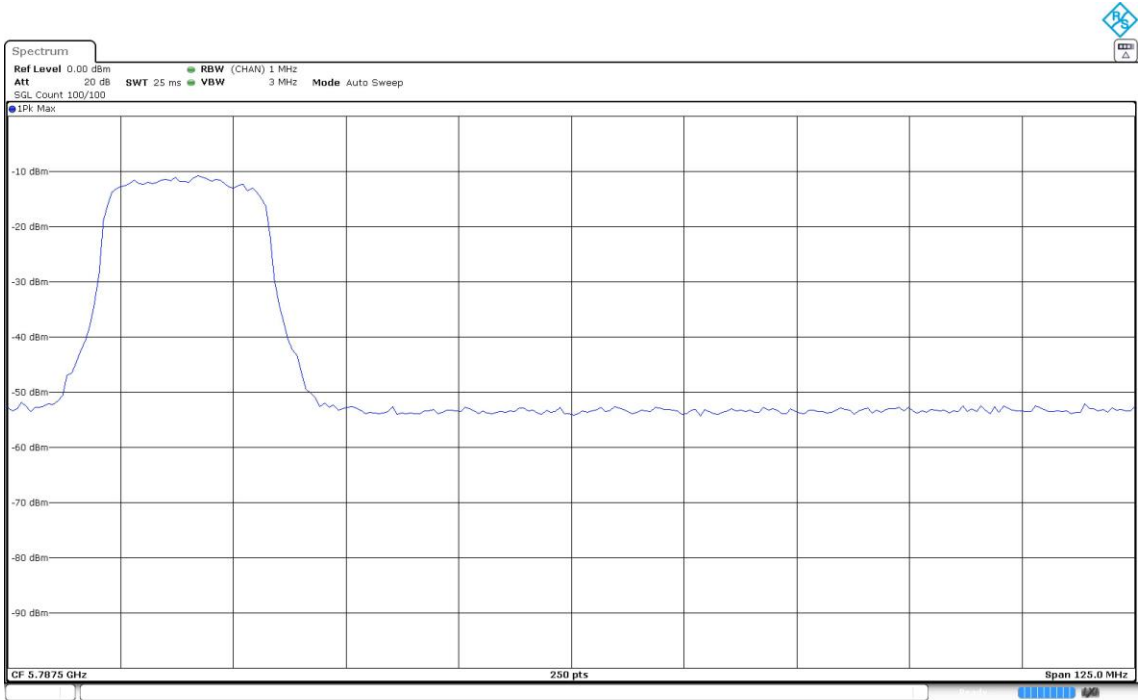
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:







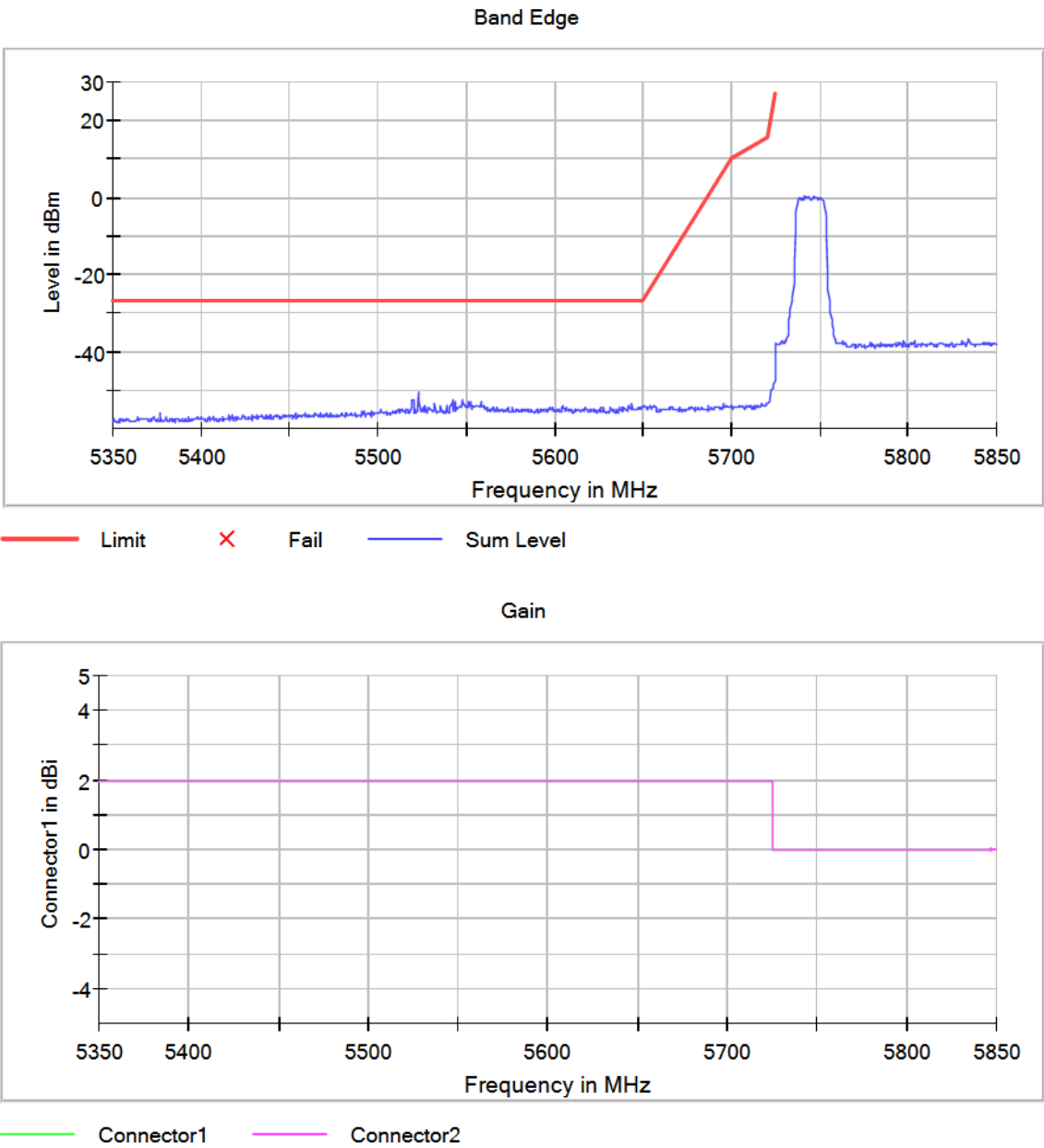


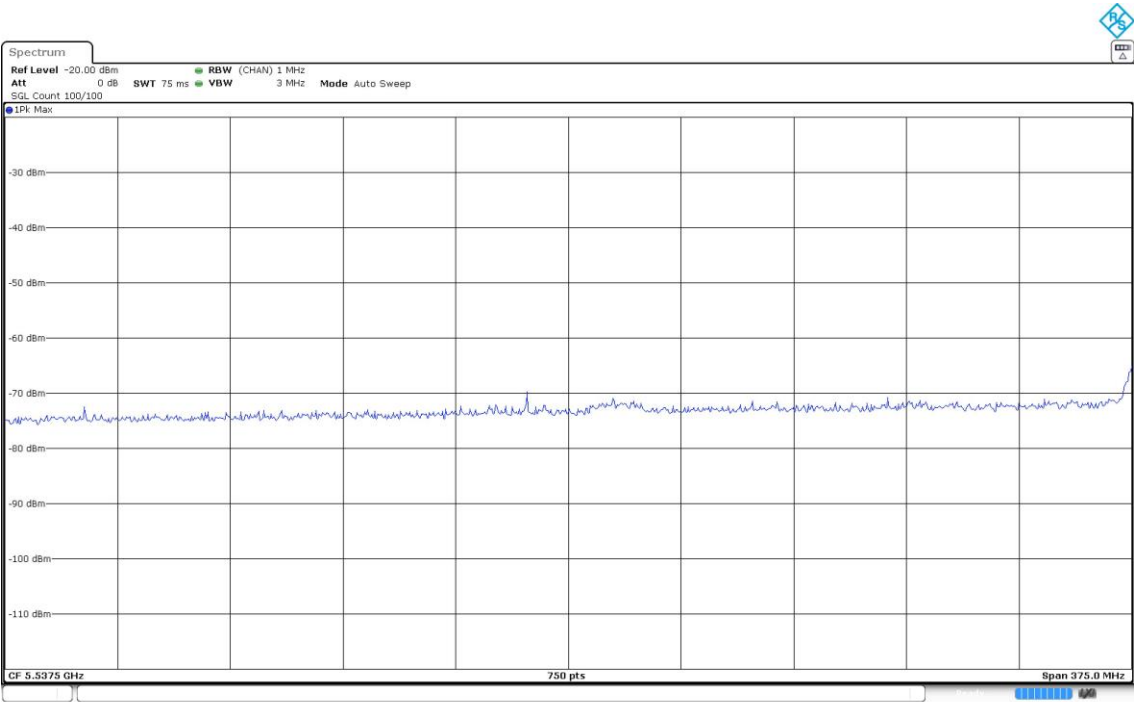
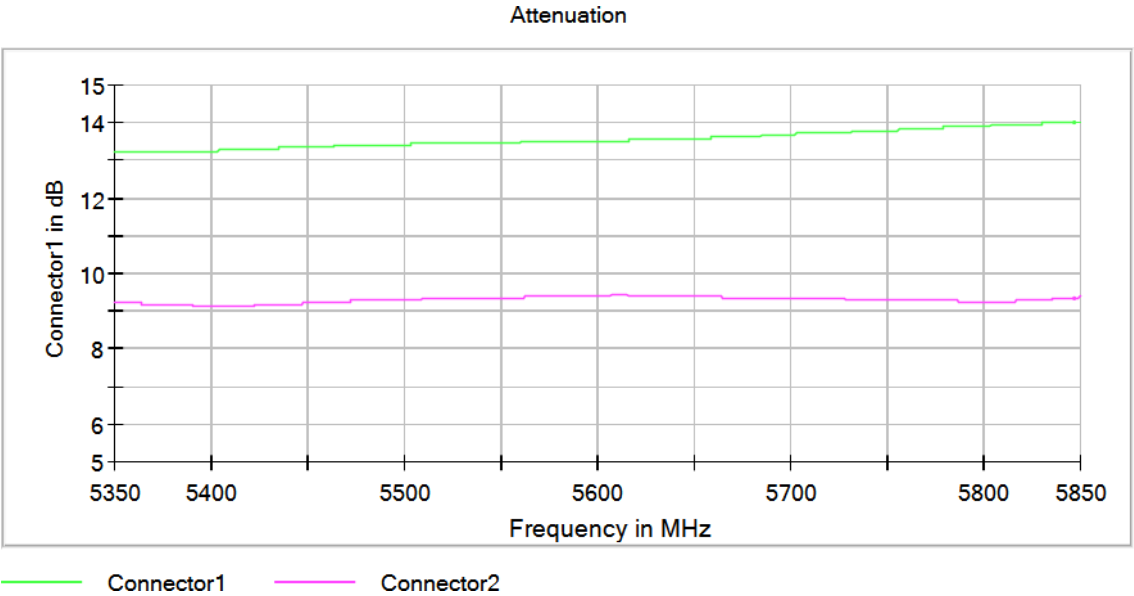
Tables:
Spectrum Analyzer Parameters

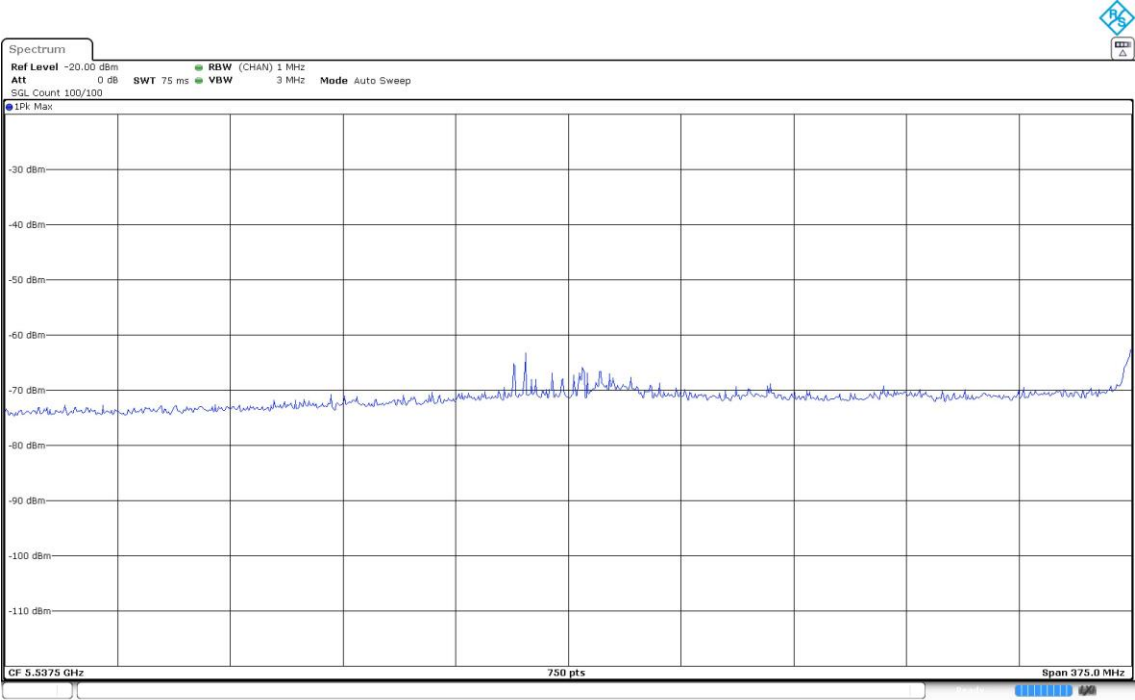
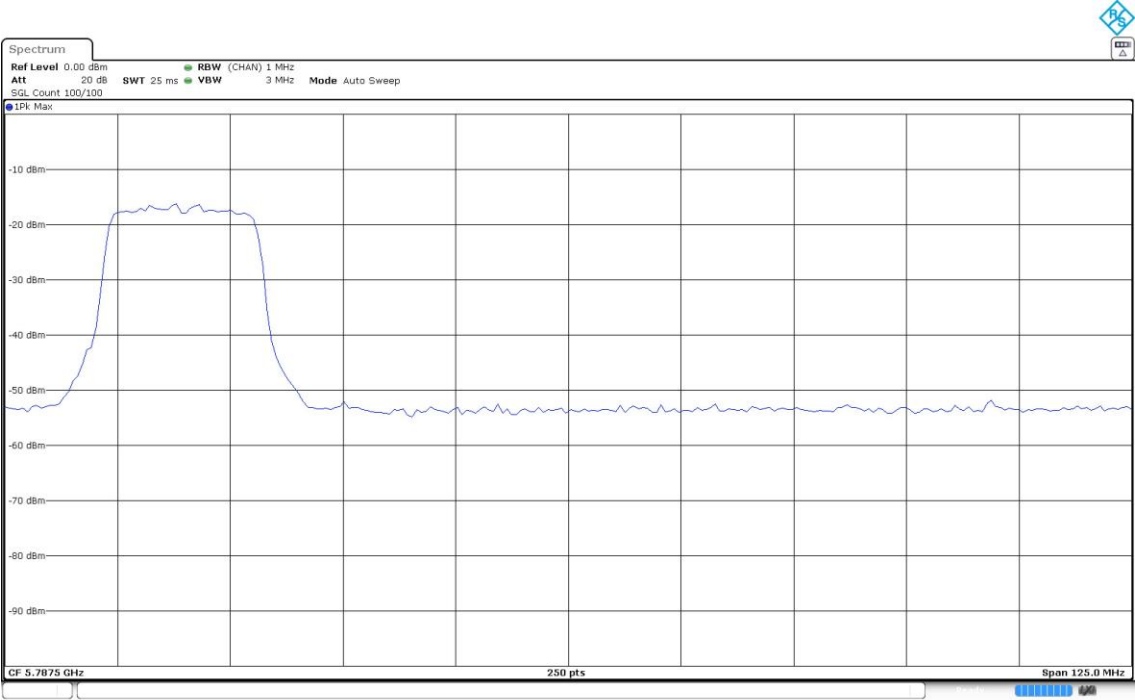
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5516.750000	-52.209	25.2	-27.000	PASS
5512.750000	-52.559	25.6	-27.000	PASS
5519.250000	-52.951	26.0	-27.000	PASS
5554.250000	-53.436	26.4	-27.000	PASS
5514.250000	-53.460	26.5	-27.000	PASS
5551.750000	-53.542	26.5	-27.000	PASS
5554.750000	-53.559	26.6	-27.000	PASS
5646.250000	-53.660	26.7	-27.000	PASS
5612.750000	-53.685	26.7	-27.000	PASS
5603.250000	-53.713	26.7	-27.000	PASS
5550.250000	-53.793	26.8	-27.000	PASS
5650.250000	-53.699	26.9	-26.815	PASS
5516.250000	-53.891	26.9	-27.000	PASS
5557.750000	-53.945	26.9	-27.000	PASS
5546.750000	-54.026	27.0	-27.000	PASS

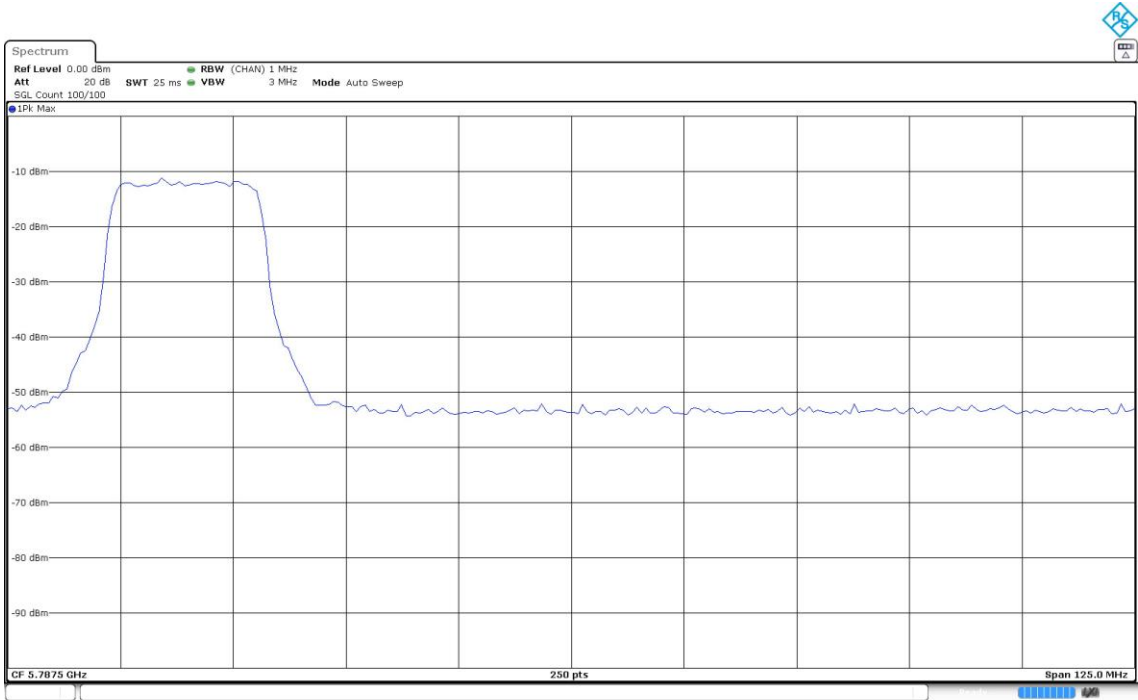
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:







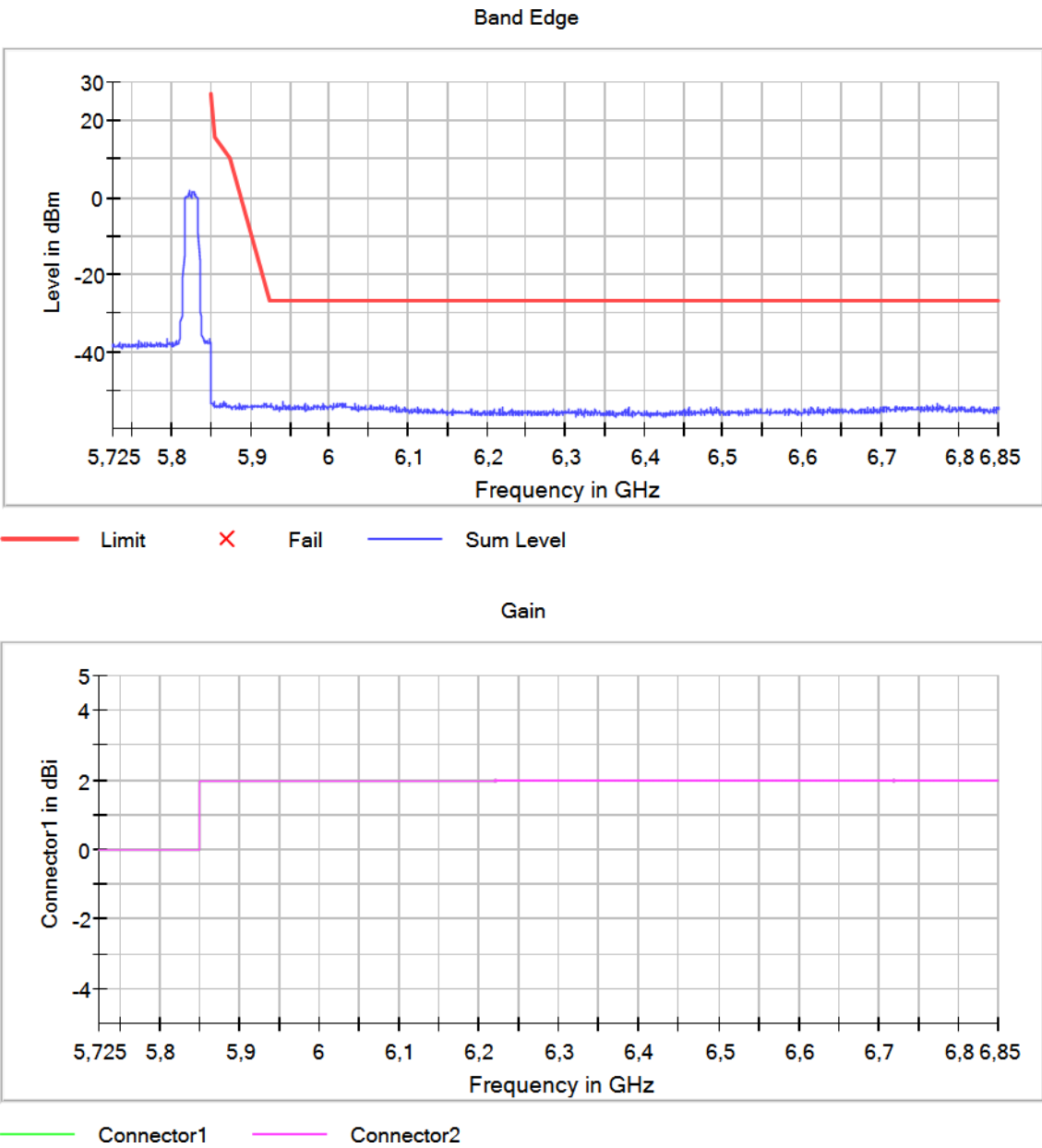


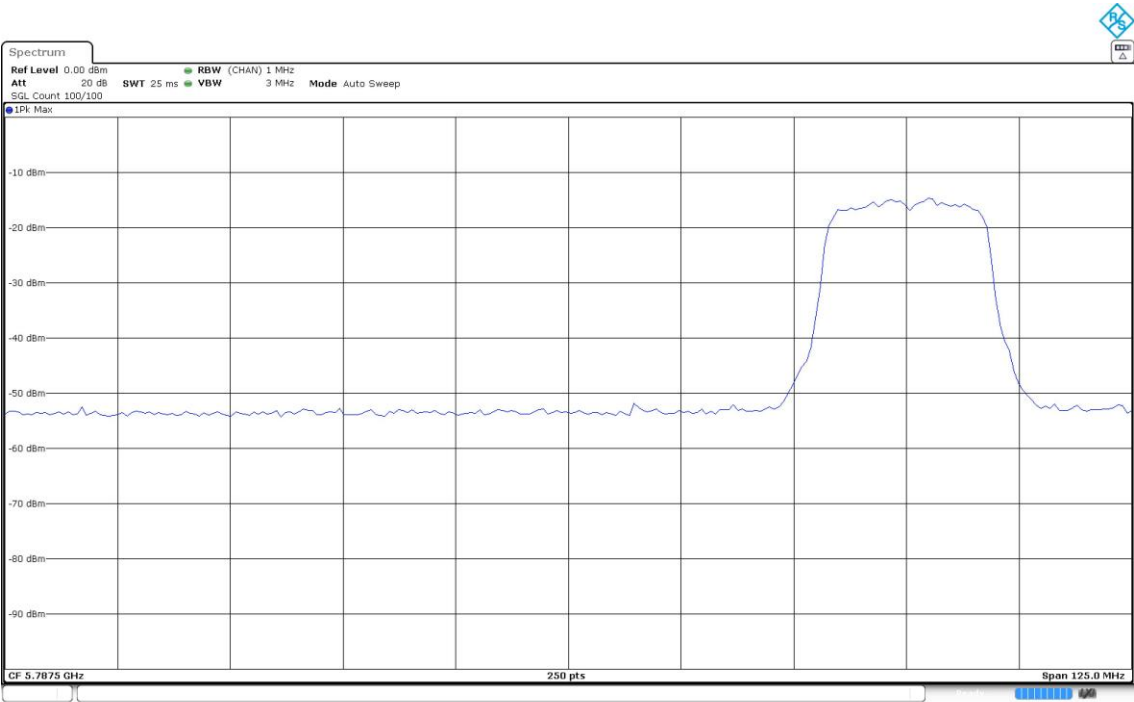
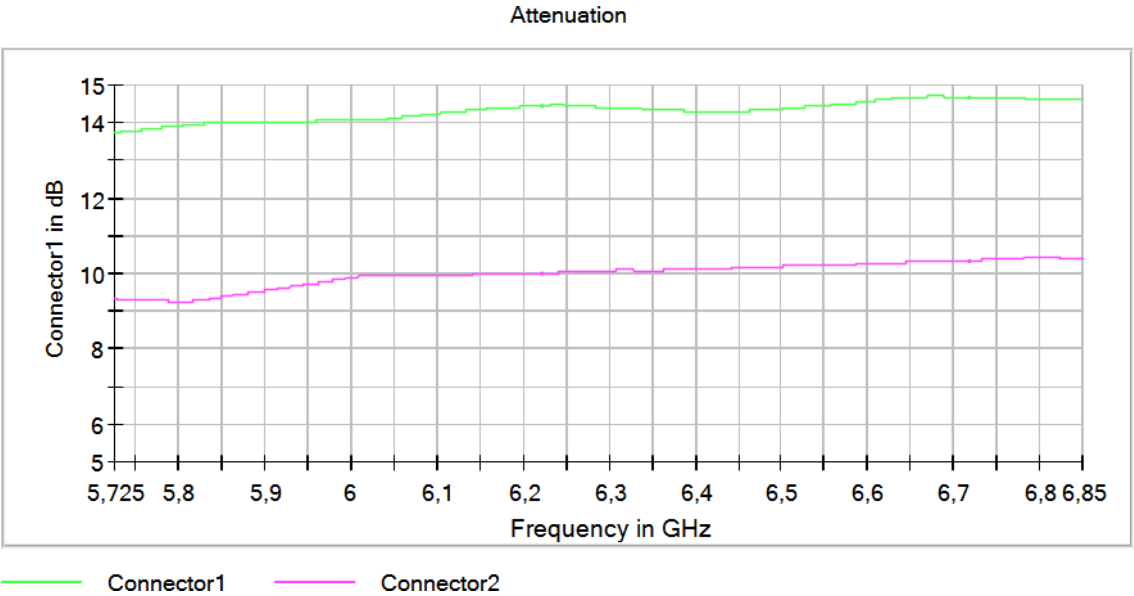
Tables:
Spectrum Analyzer Parameters

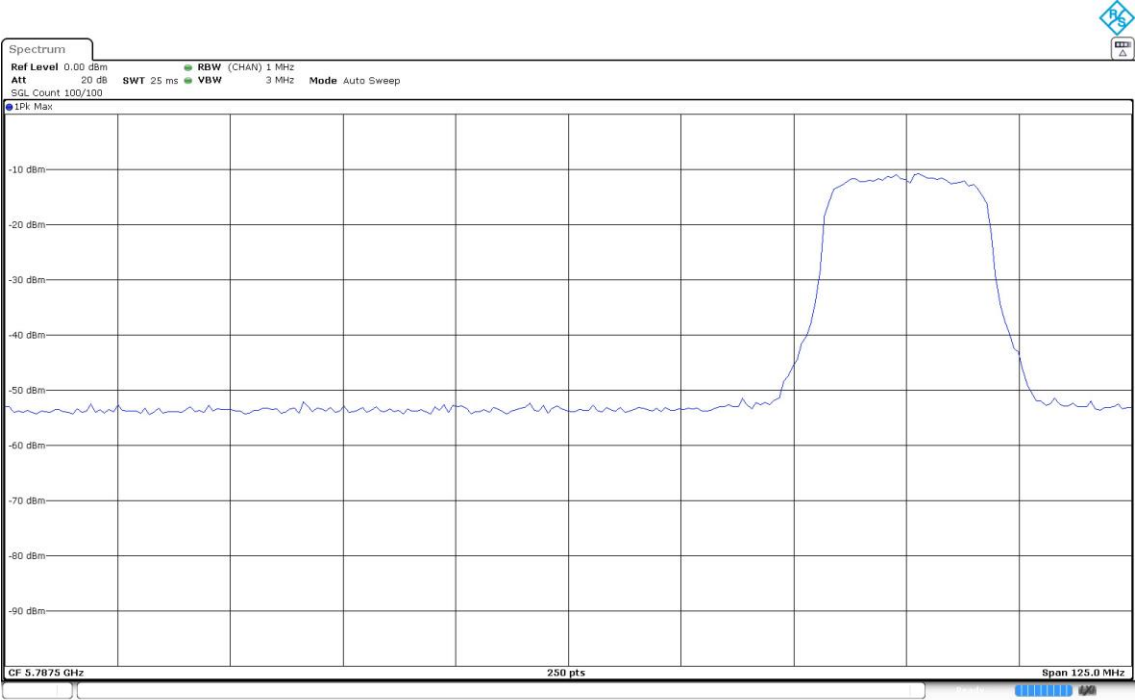
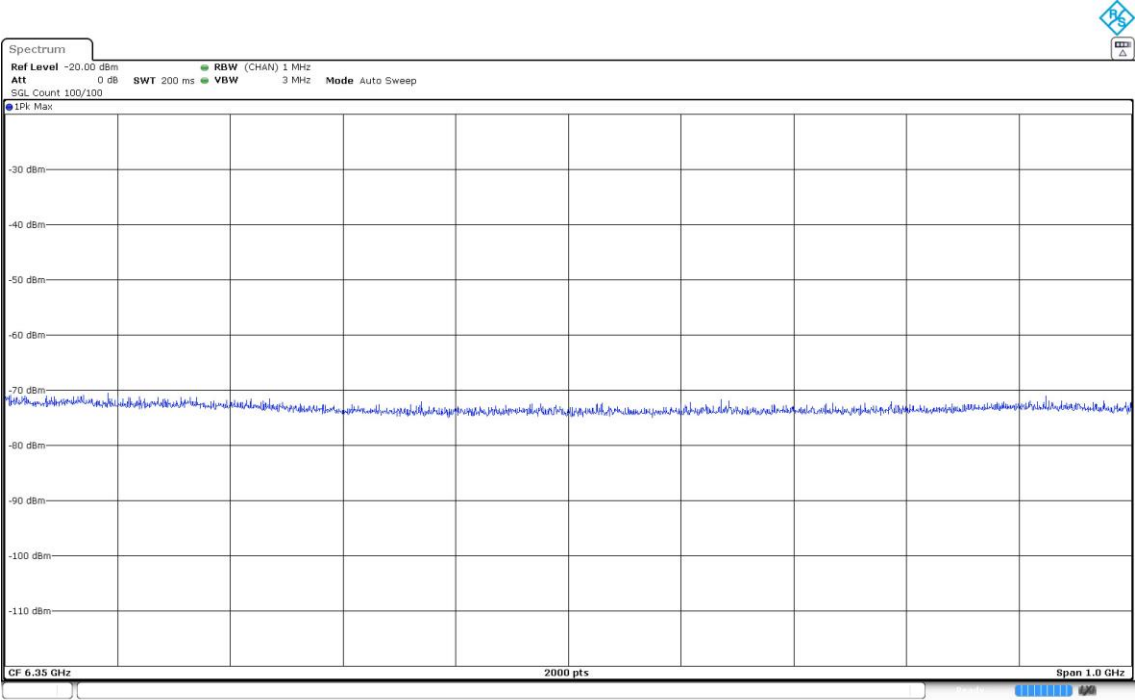
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5523.250000	-50.668	23.7	-27.000	PASS
5519.250000	-52.372	25.4	-27.000	PASS
5519.750000	-52.739	25.7	-27.000	PASS
5547.750000	-52.778	25.8	-27.000	PASS
5542.250000	-52.795	25.8	-27.000	PASS
5552.250000	-52.878	25.9	-27.000	PASS
5548.250000	-52.949	25.9	-27.000	PASS
5523.750000	-53.124	26.1	-27.000	PASS
5551.250000	-53.131	26.1	-27.000	PASS
5558.250000	-53.237	26.2	-27.000	PASS
5543.750000	-53.309	26.3	-27.000	PASS
5643.750000	-53.520	26.5	-27.000	PASS
5541.250000	-53.544	26.5	-27.000	PASS
5542.750000	-53.557	26.6	-27.000	PASS
5552.750000	-53.646	26.6	-27.000	PASS

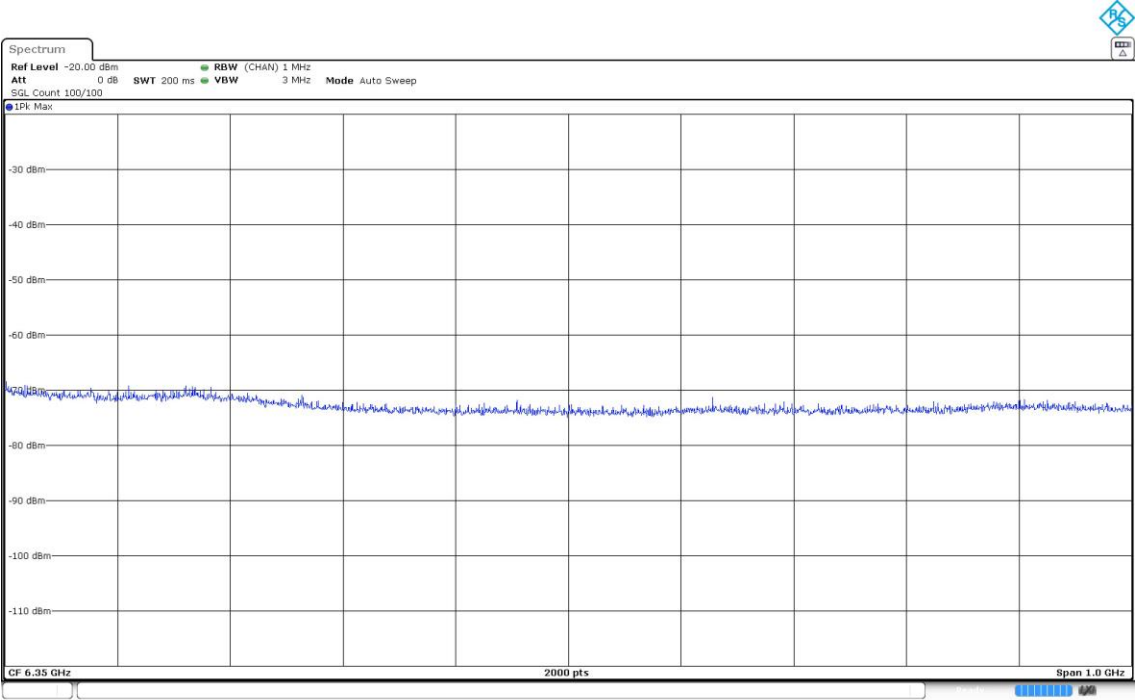
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:







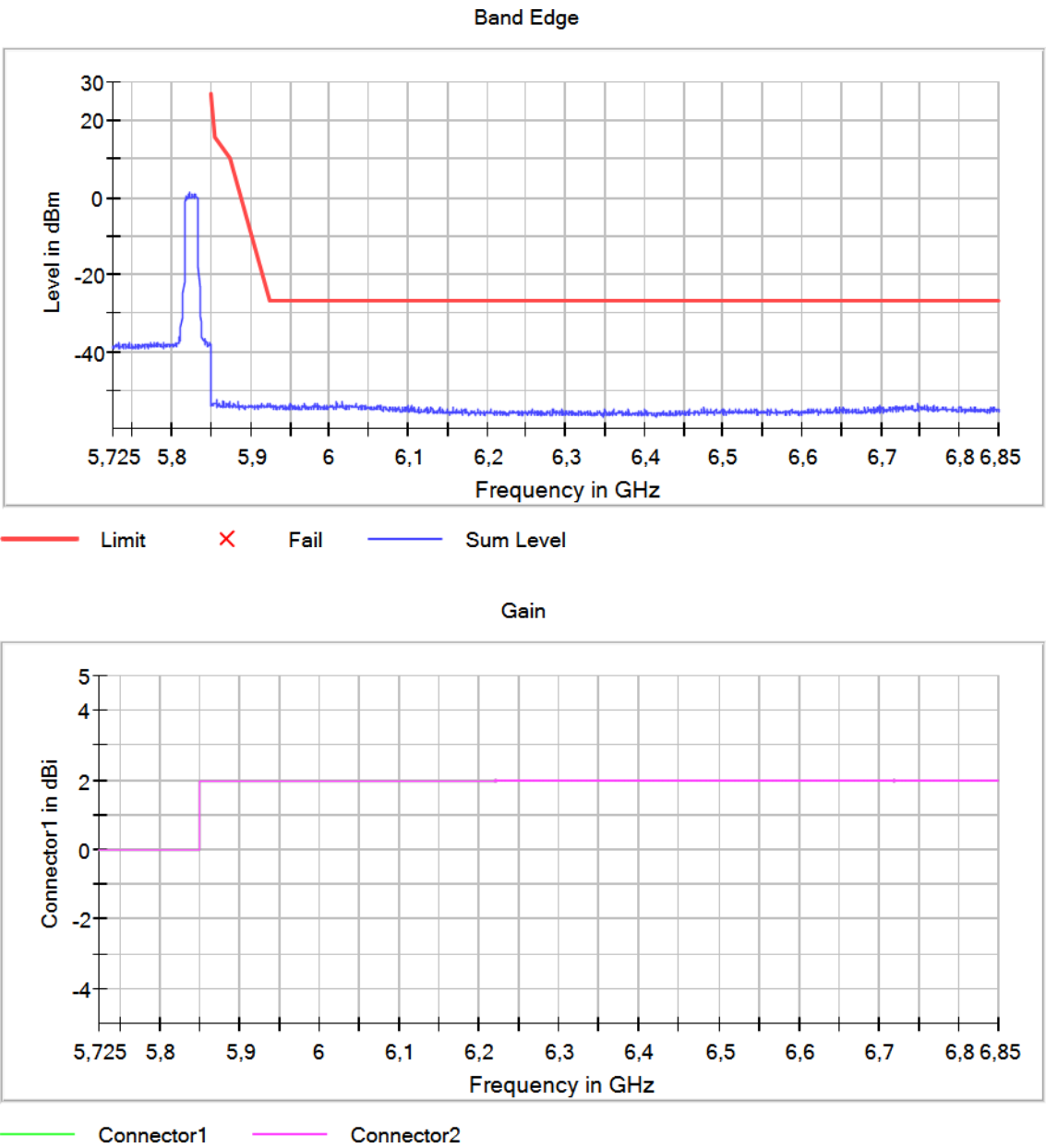


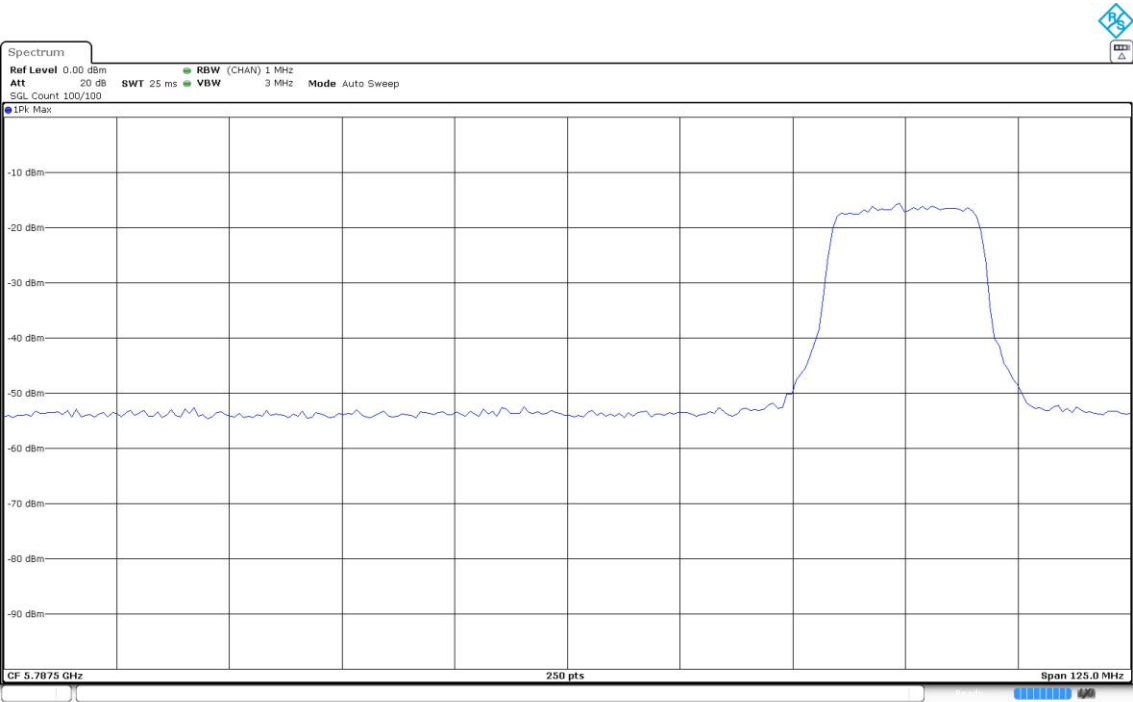
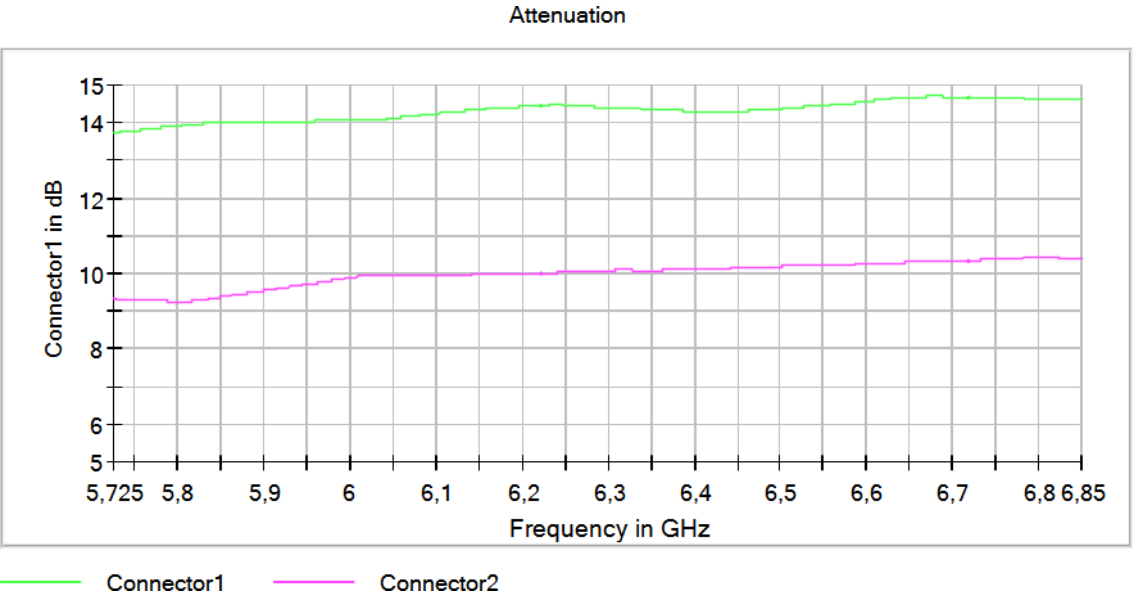
Tables:
Spectrum Analyzer Parameters

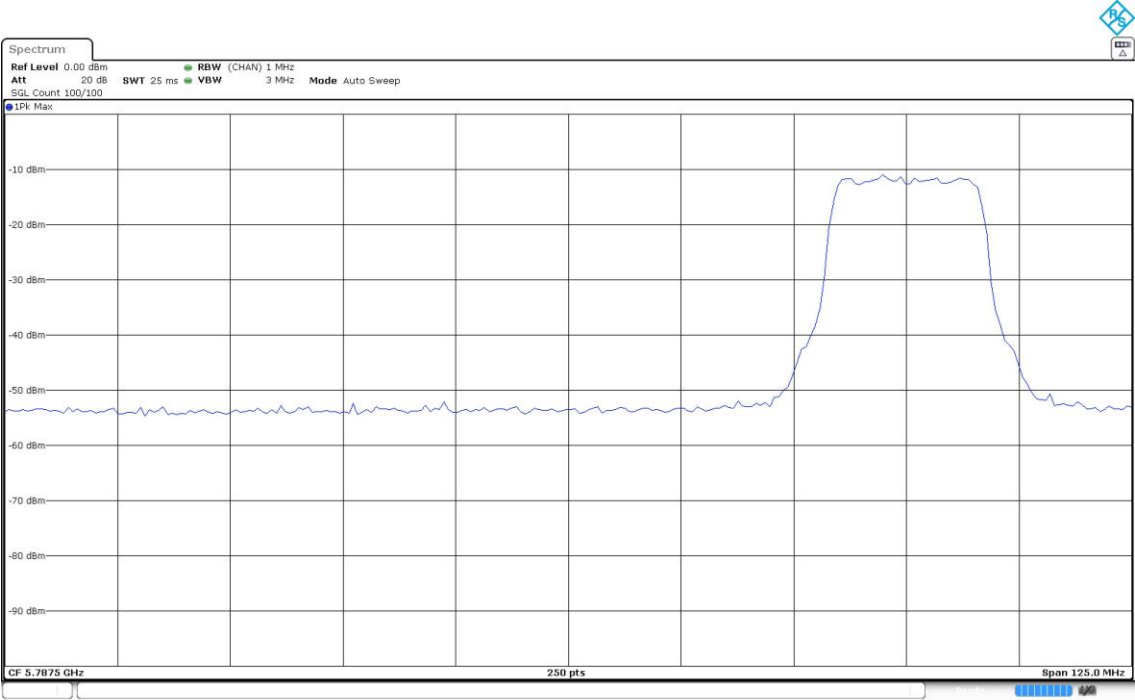
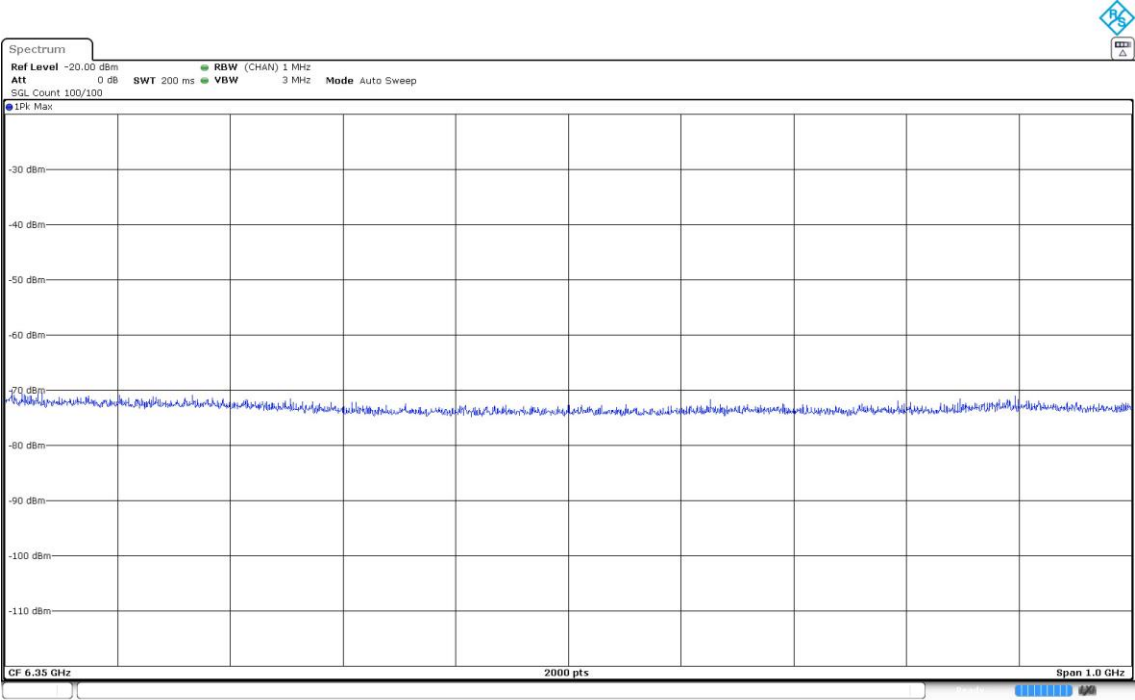
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5941.750000	-53.196	26.2	-27.000	PASS
6020.250000	-53.561	26.6	-27.000	PASS
6773.750000	-53.587	26.6	-27.000	PASS
6016.250000	-53.611	26.6	-27.000	PASS
6032.750000	-53.665	26.7	-27.000	PASS
5927.250000	-53.682	26.7	-27.000	PASS
6014.750000	-53.729	26.7	-27.000	PASS
6006.250000	-53.737	26.7	-27.000	PASS
5991.750000	-53.768	26.8	-27.000	PASS
6010.250000	-53.784	26.8	-27.000	PASS
6013.750000	-53.797	26.8	-27.000	PASS
6019.250000	-53.806	26.8	-27.000	PASS
5969.250000	-53.811	26.8	-27.000	PASS
6010.750000	-53.814	26.8	-27.000	PASS
5950.750000	-53.846	26.8	-27.000	PASS

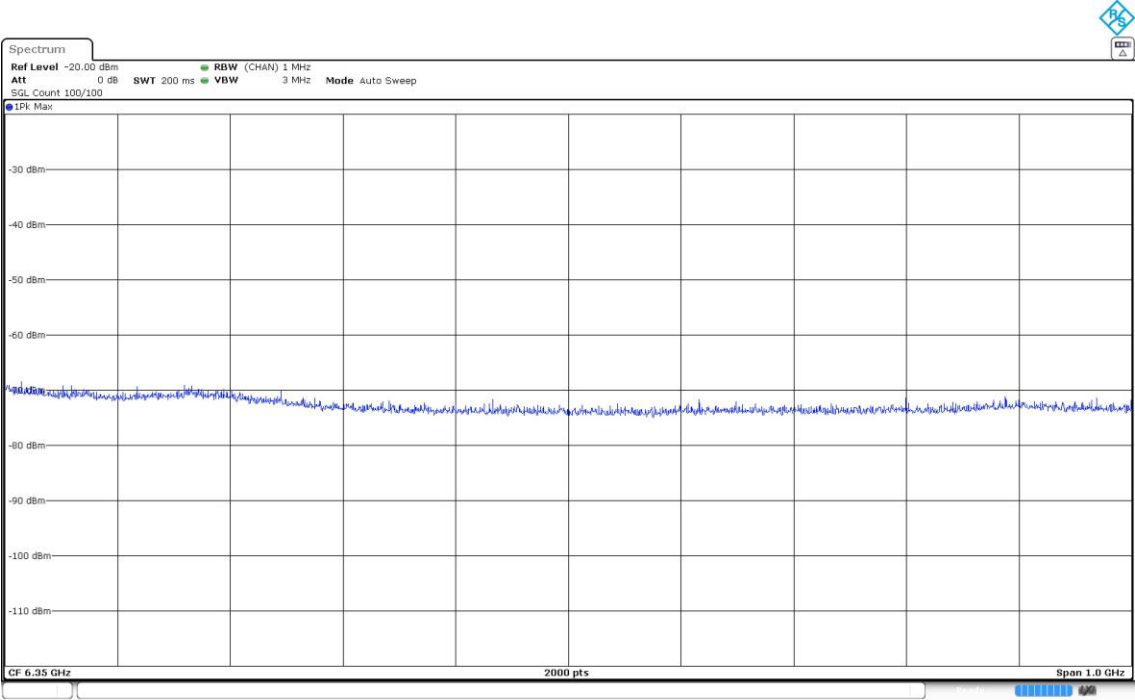
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

Images:









Tables:
Spectrum Analyzer Parameters

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6016.250000	-53.221	26.2	-27.000	PASS
6009.250000	-53.290	26.3	-27.000	PASS
6746.250000	-53.446	26.4	-27.000	PASS
5984.250000	-53.560	26.6	-27.000	PASS
6016.750000	-53.616	26.6	-27.000	PASS
5967.750000	-53.666	26.7	-27.000	PASS
5951.750000	-53.672	26.7	-27.000	PASS
6010.250000	-53.675	26.7	-27.000	PASS
6034.250000	-53.735	26.7	-27.000	PASS
5981.750000	-53.787	26.8	-27.000	PASS
6015.750000	-53.792	26.8	-27.000	PASS
6003.250000	-53.820	26.8	-27.000	PASS
6043.750000	-53.832	26.8	-27.000	PASS
6011.750000	-53.838	26.8	-27.000	PASS
6011.250000	-53.846	26.8	-27.000	PASS

Modulation: 802.11ac VHT40 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Freq (MHz)	Lvl (dBm)
[5725, 5850]	2+3	5755.00000	5515.750000	-49.7
[5725, 5850]	2+3	5755.00000	5513.750000	-49.8
[5725, 5850]	2+3	5755.00000	5526.250000	-51.0
[5725, 5850]	2+3	5755.00000	5514.250000	-52.0
[5725, 5850]	2+3	5755.00000	5516.250000	-52.4
[5725, 5850]	2+3	5755.00000	5515.250000	-52.4
[5725, 5850]	2+3	5755.00000	5522.250000	-52.6
[5725, 5850]	2+3	5755.00000	5512.250000	-52.6
[5725, 5850]	2+3	5755.00000	5525.750000	-52.8
[5725, 5850]	2+3	5755.00000	5527.250000	-52.8
[5725, 5850]	2+3	5755.00000	5513.250000	-53.1
[5725, 5850]	2+3	5755.00000	5521.250000	-53.4
[5725, 5850]	2+3	5755.00000	5511.750000	-53.5
[5725, 5850]	2+3	5755.00000	5519.250000	-53.5
[5725, 5850]	2+3	5755.00000	5519.750000	-53.6
[5725, 5850]	2+3	5795.00000	5952.250000	-52.9
[5725, 5850]	2+3	5795.00000	5954.250000	-53.4
[5725, 5850]	2+3	5795.00000	6030.750000	-53.4
[5725, 5850]	2+3	5795.00000	5936.750000	-53.5
[5725, 5850]	2+3	5795.00000	5934.750000	-53.5
[5725, 5850]	2+3	5795.00000	5985.250000	-53.5
[5725, 5850]	2+3	5795.00000	5978.750000	-53.5
[5725, 5850]	2+3	5795.00000	5999.250000	-53.6
[5725, 5850]	2+3	5795.00000	5990.750000	-53.6
[5725, 5850]	2+3	5795.00000	5932.250000	-53.6
[5725, 5850]	2+3	5795.00000	5953.250000	-53.7
[5725, 5850]	2+3	5795.00000	5969.250000	-53.7
[5725, 5850]	2+3	5795.00000	6757.250000	-53.7
[5725, 5850]	2+3	5795.00000	5949.250000	-53.8
[5725, 5850]	2+3	5795.00000	6011.250000	-53.8

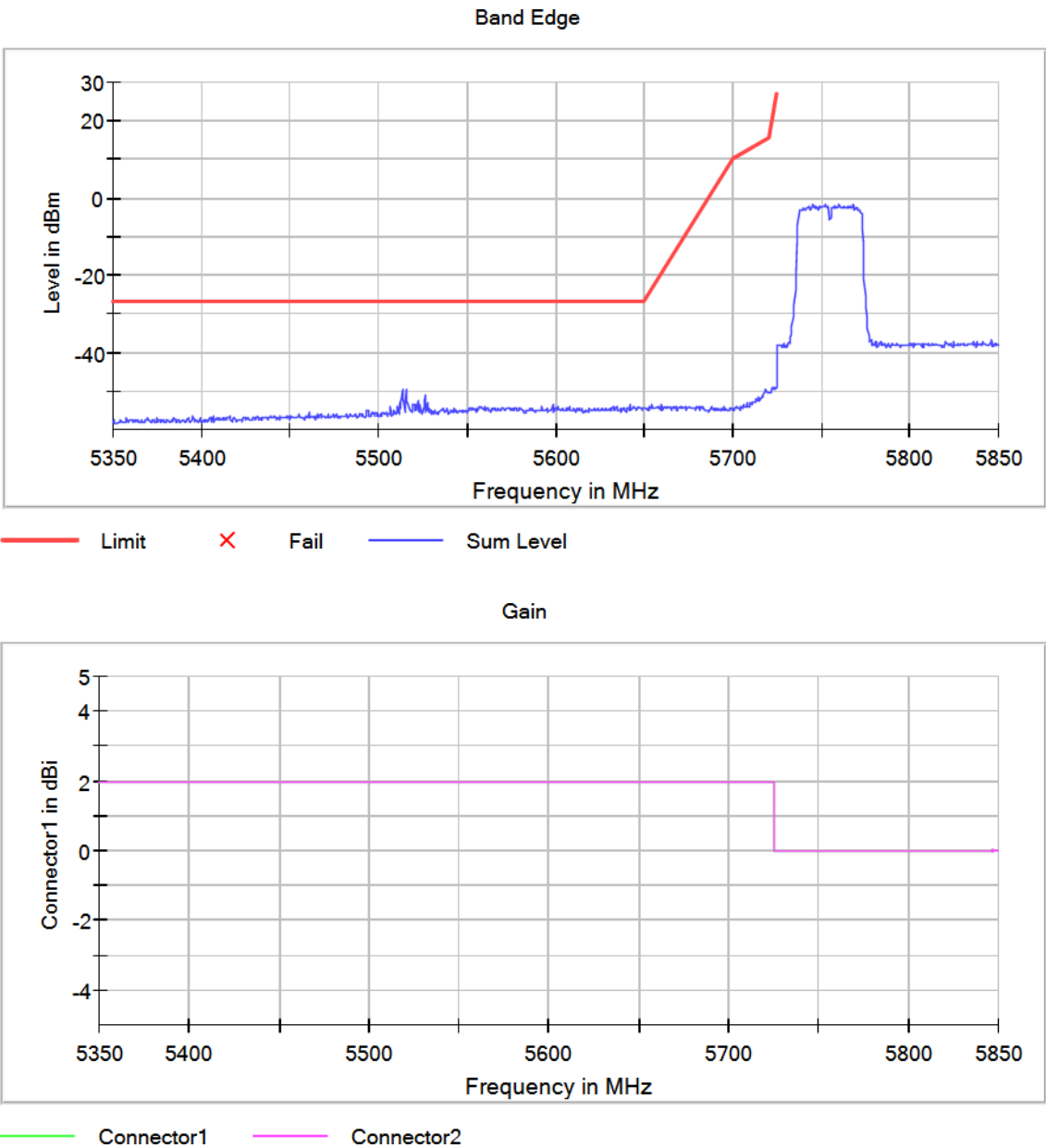
Verdict

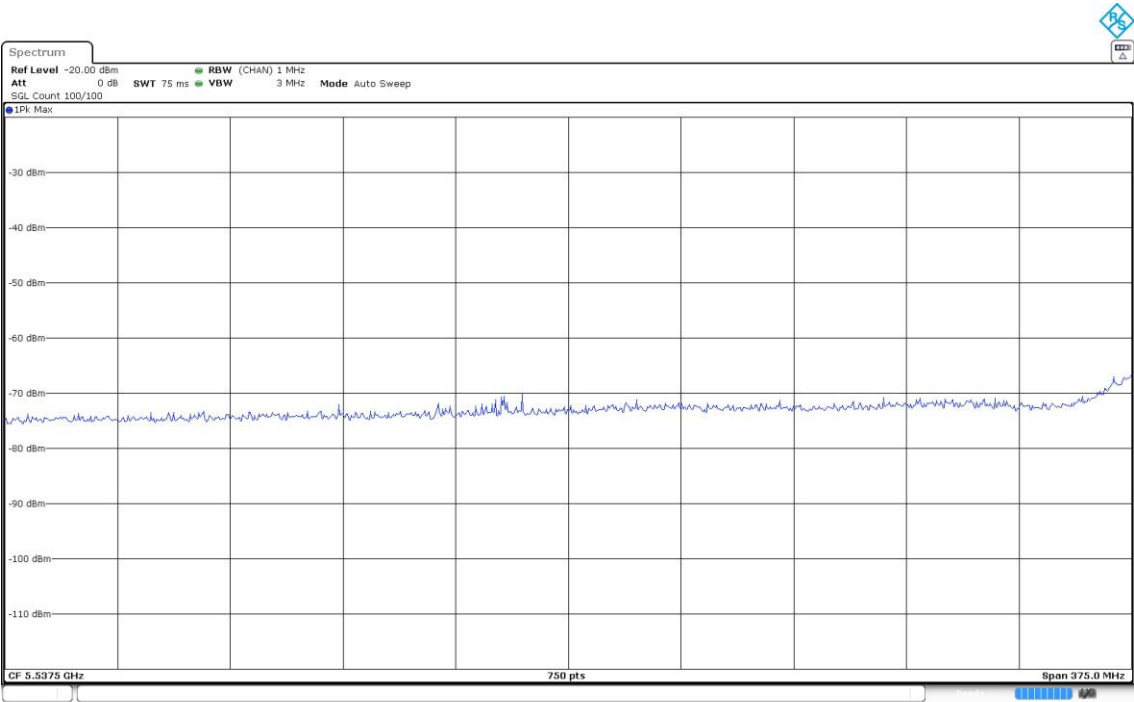
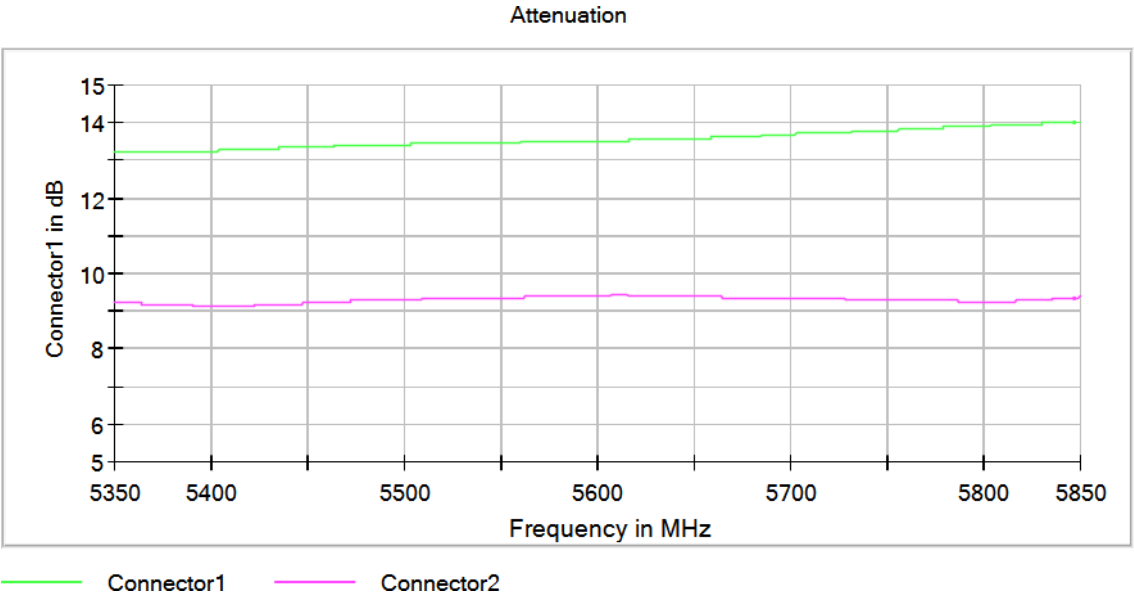
Pass

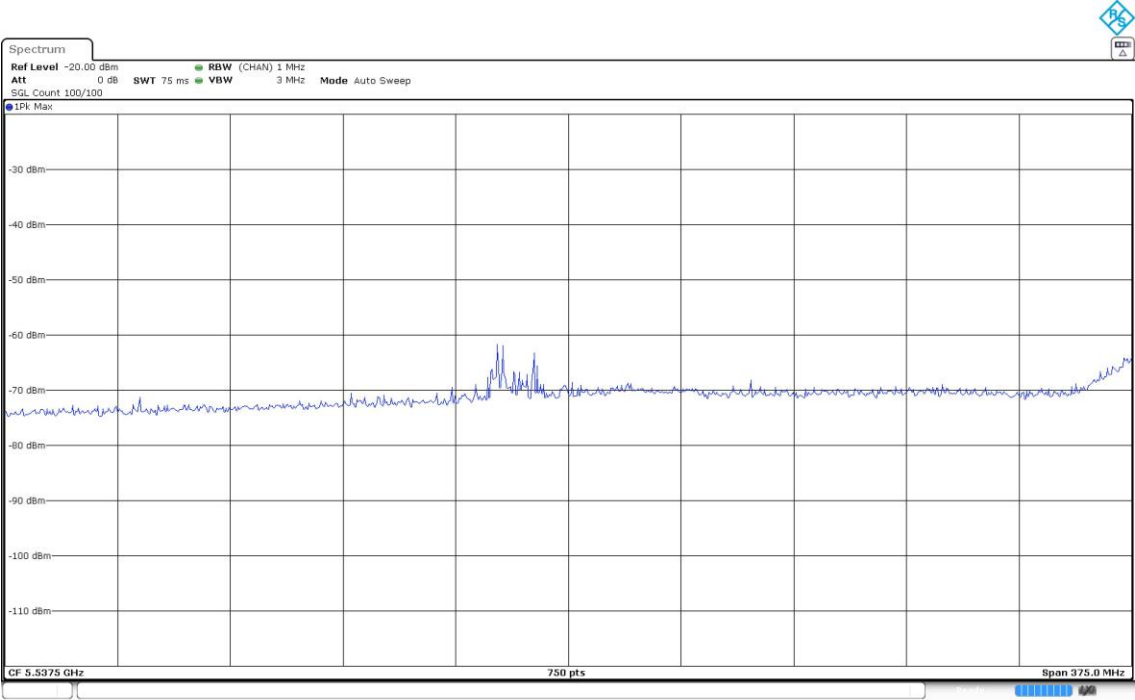
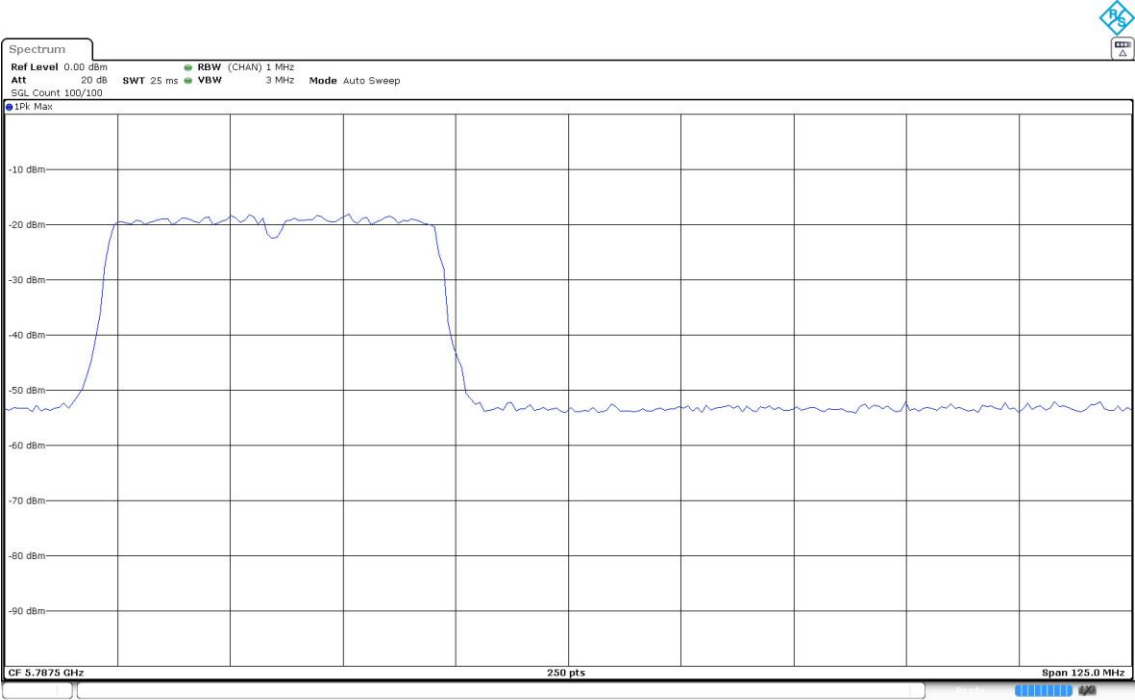
Attachments

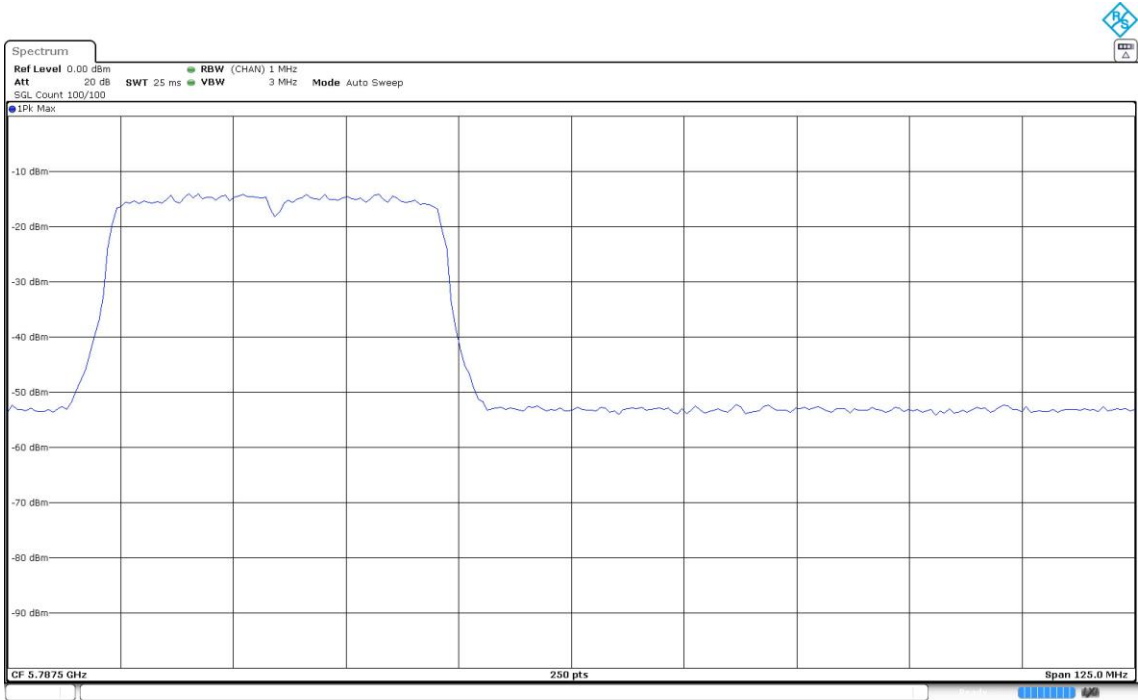
Operation Band MHz = [5725, 5850] Active Port = 2+3
Frequency MHz = 5755.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

Images:









Tables:
Spectrum Analyzer Parameters

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5515.750000	-49.692	22.7	-27.000	PASS
5513.750000	-49.814	22.8	-27.000	PASS
5526.250000	-50.960	24.0	-27.000	PASS
5514.250000	-51.980	25.0	-27.000	PASS
5516.250000	-52.410	25.4	-27.000	PASS
5515.250000	-52.429	25.4	-27.000	PASS
5522.250000	-52.577	25.6	-27.000	PASS
5512.250000	-52.640	25.6	-27.000	PASS
5525.750000	-52.750	25.7	-27.000	PASS
5527.250000	-52.849	25.8	-27.000	PASS
5513.250000	-53.058	26.1	-27.000	PASS
5521.250000	-53.419	26.4	-27.000	PASS
5511.750000	-53.467	26.5	-27.000	PASS
5519.250000	-53.494	26.5	-27.000	PASS
5519.750000	-53.574	26.6	-27.000	PASS