

Attachments

Operation Band MHz = [5725, 5850] Active Port = 1

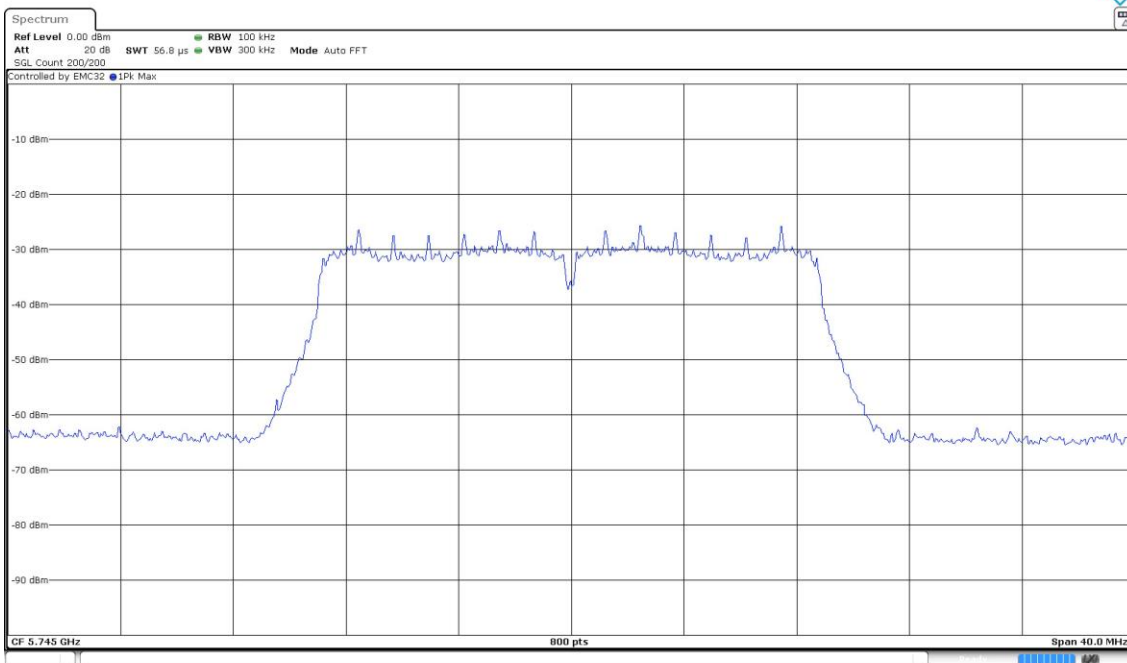
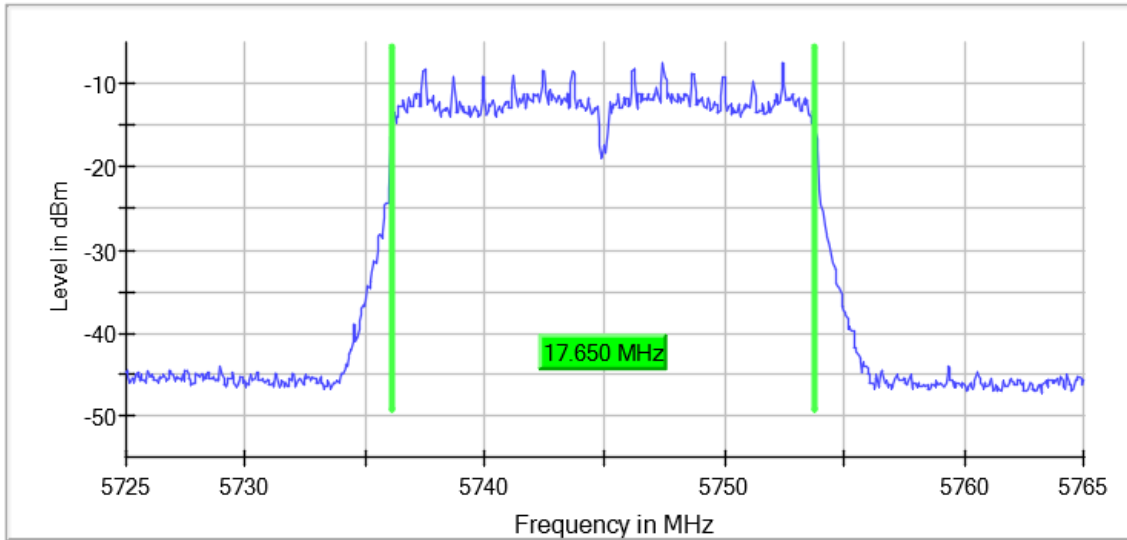
Frequency MHz = 5745.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

Antenna Configuration = SISO

Images:

6 dB Bandwidth



Operation Band MHz = [5725, 5850] Active Port = 1

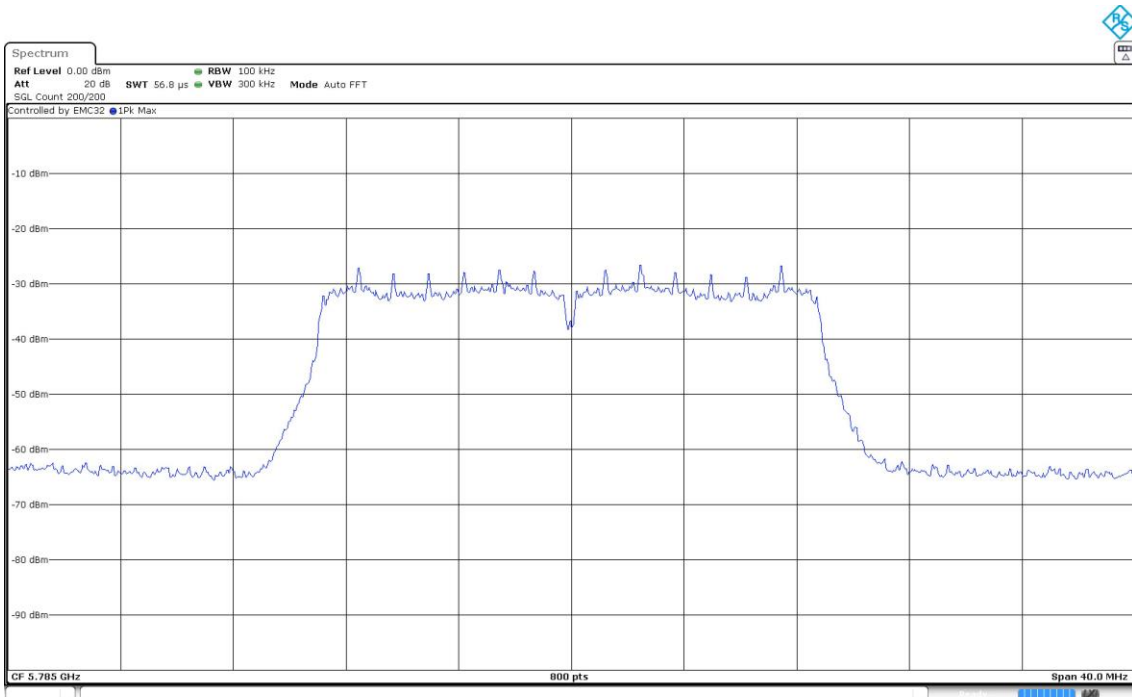
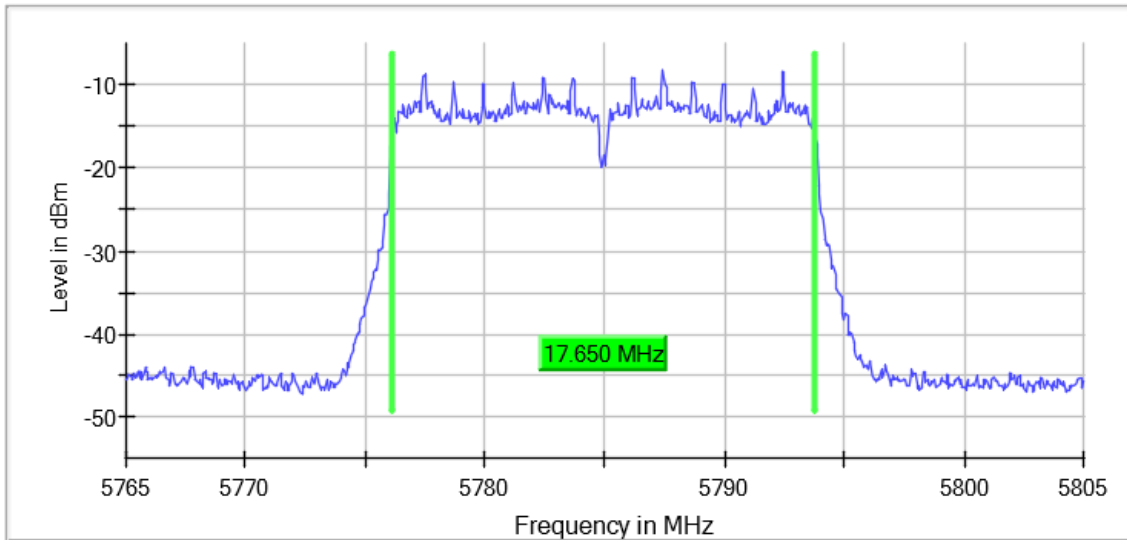
Frequency MHz = 5785.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

Antenna Configuration = SISO

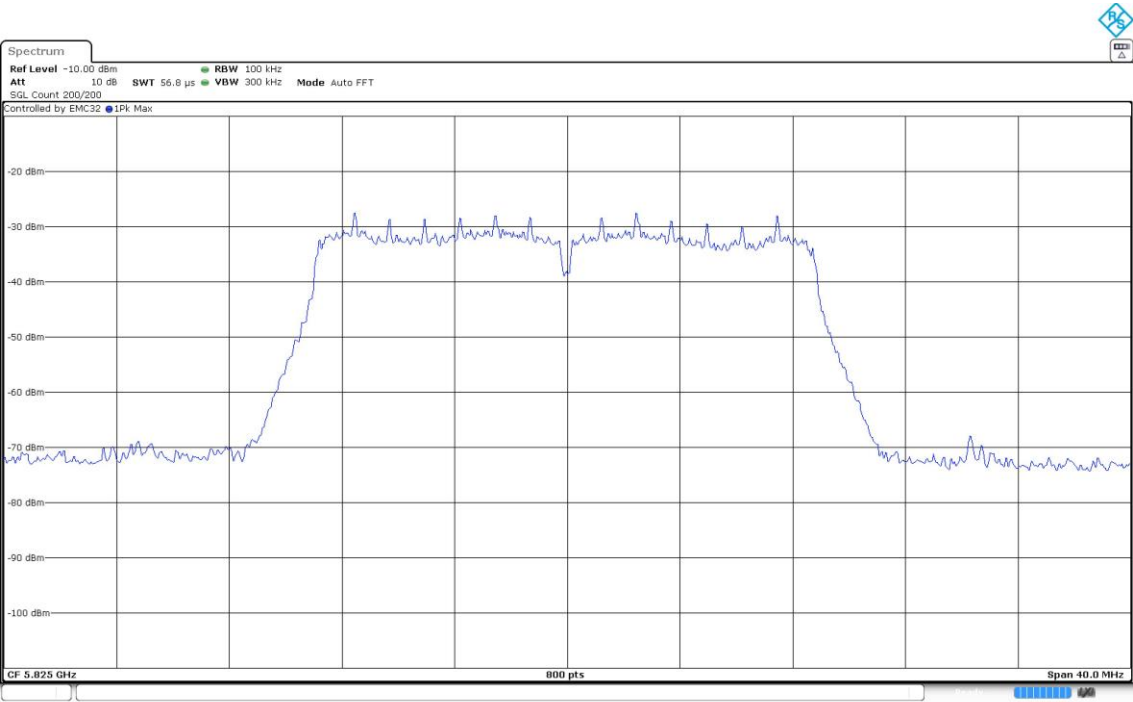
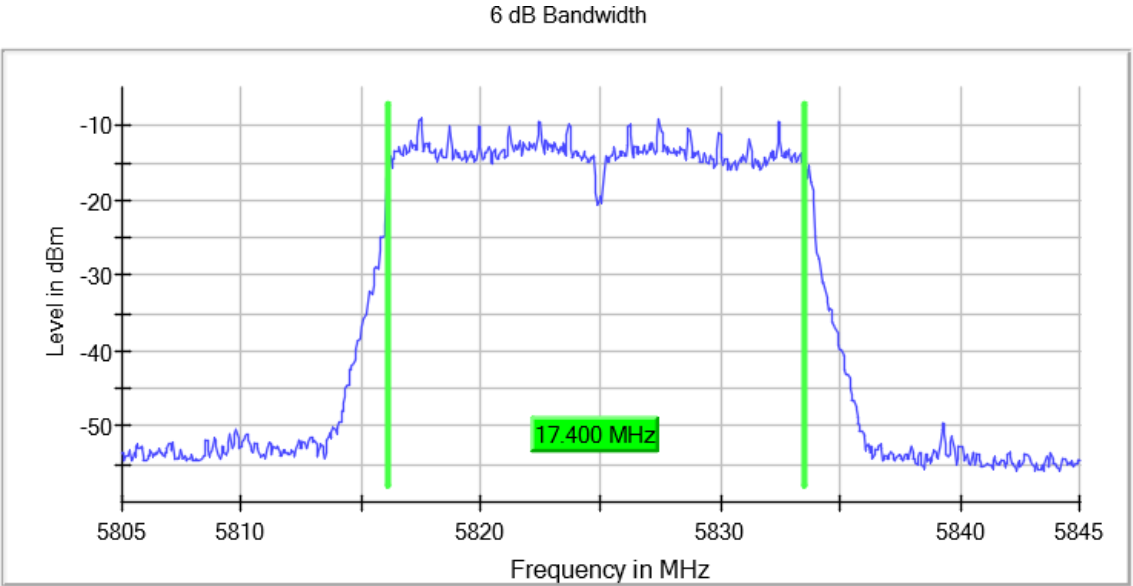
Images:

6 dB Bandwidth



Operation Band MHz = [5725, 5850] Active Port = 1
Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)
Antenna Configuration = SISO

Images:



Modulation: 802.11ac VHT40 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3	5755.00000	35.750
		5795.00000	35.750

Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 1

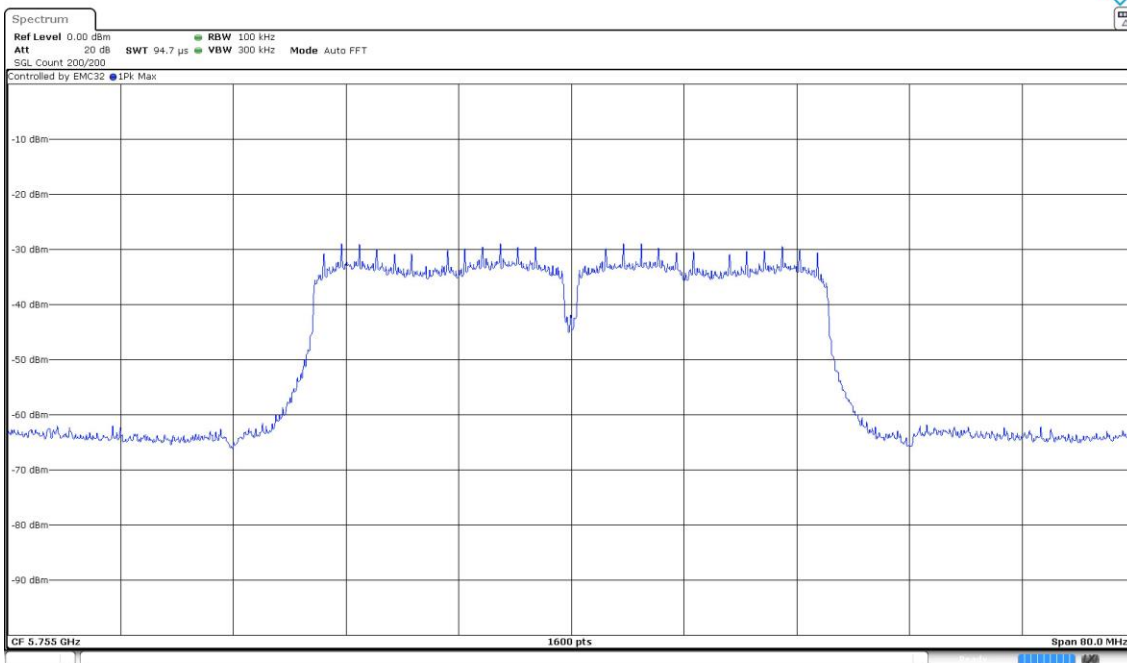
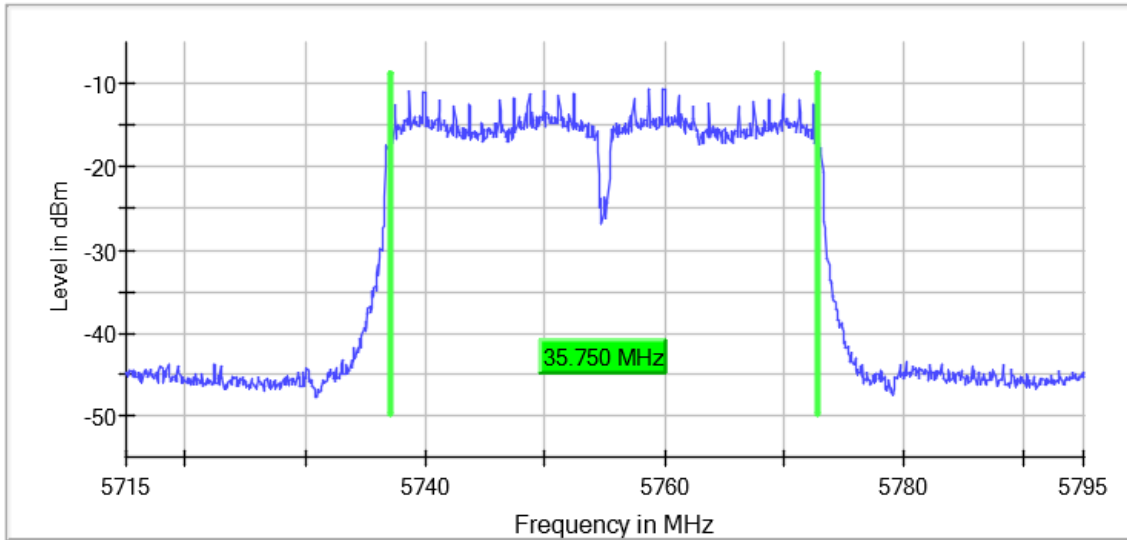
Frequency MHz = 5755.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

Antenna Configuration = SISO

Images:

6 dB Bandwidth



Operation Band MHz = [5725, 5850] Active Port = 1

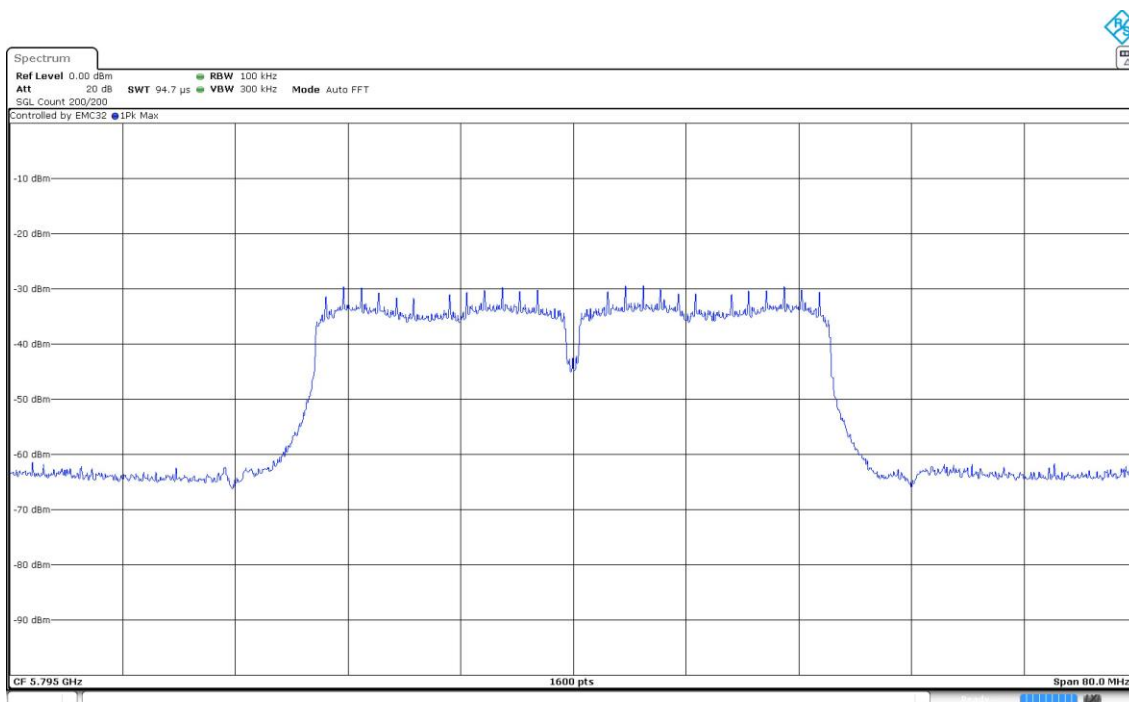
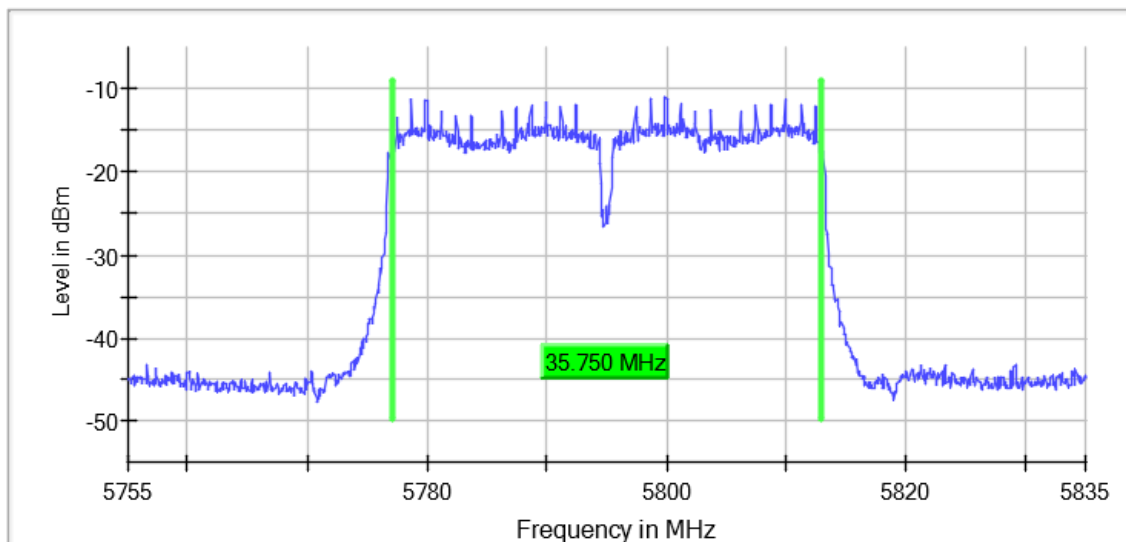
Frequency MHz = 5795.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

Antenna Configuration = SISO

Images:

6 dB Bandwidth



Modulation: 802.11ac VHT80 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3	5775.00000	76.450

Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 1

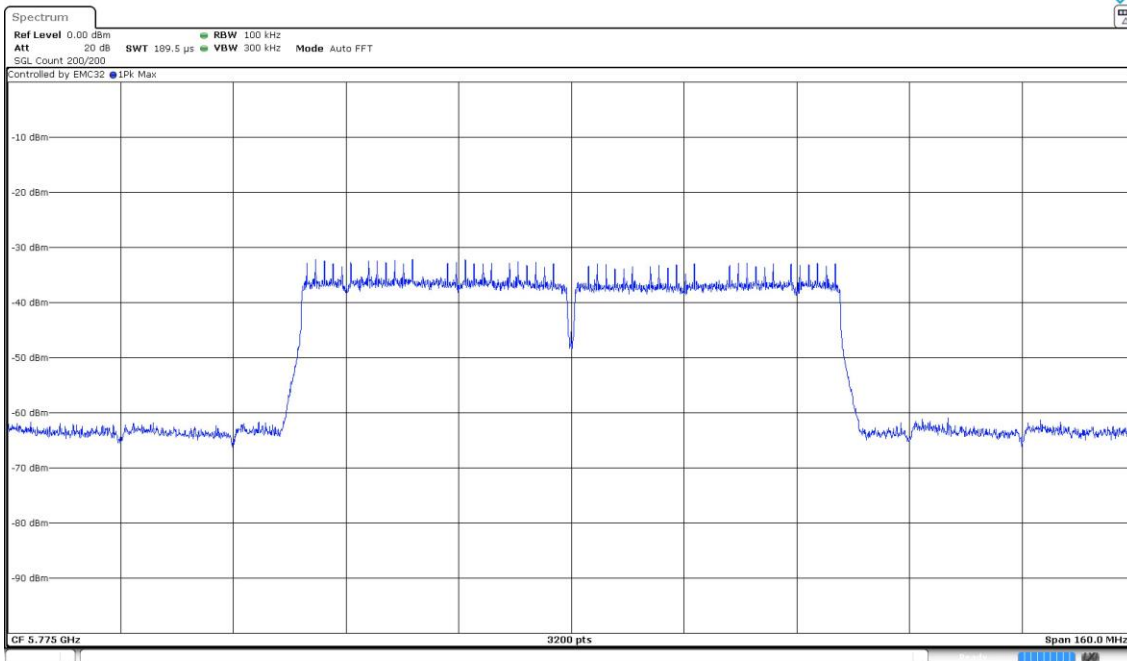
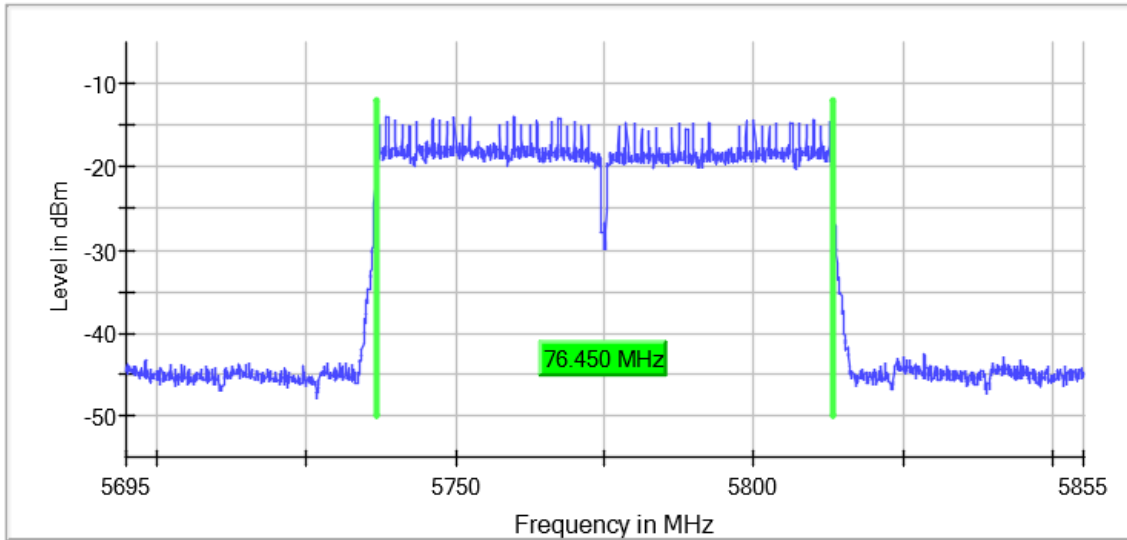
Frequency MHz = 5775.00000

Modulation = 802.11ac VHT80 (OFDM MCS0)

Antenna Configuration = SISO

Images:

6 dB Bandwidth



Modulation: 802.11ax HE20 (OFDM MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3	5745.00000	18.800
		5785.00000	18.700
		5825.00000	18.650

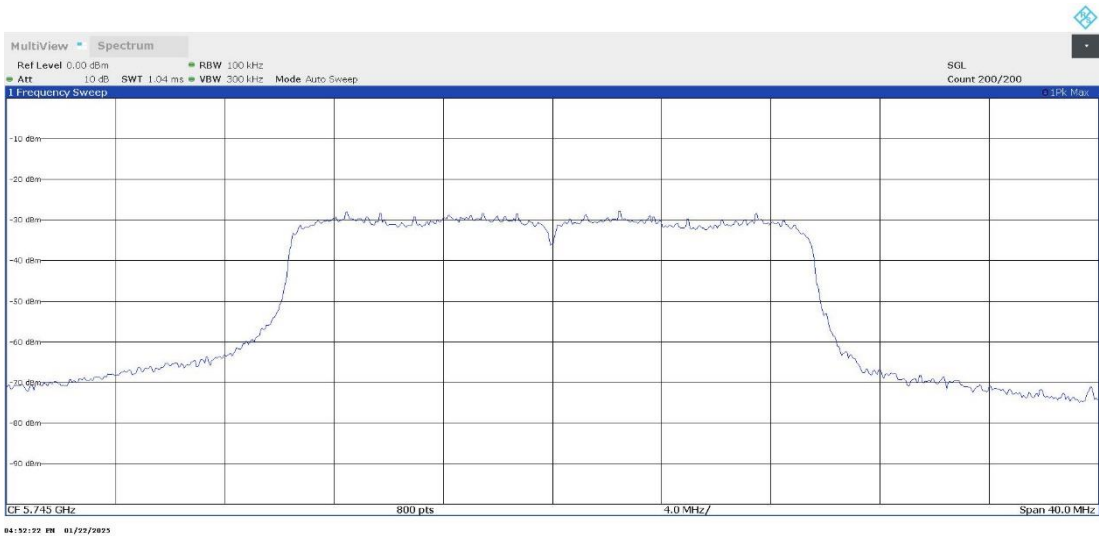
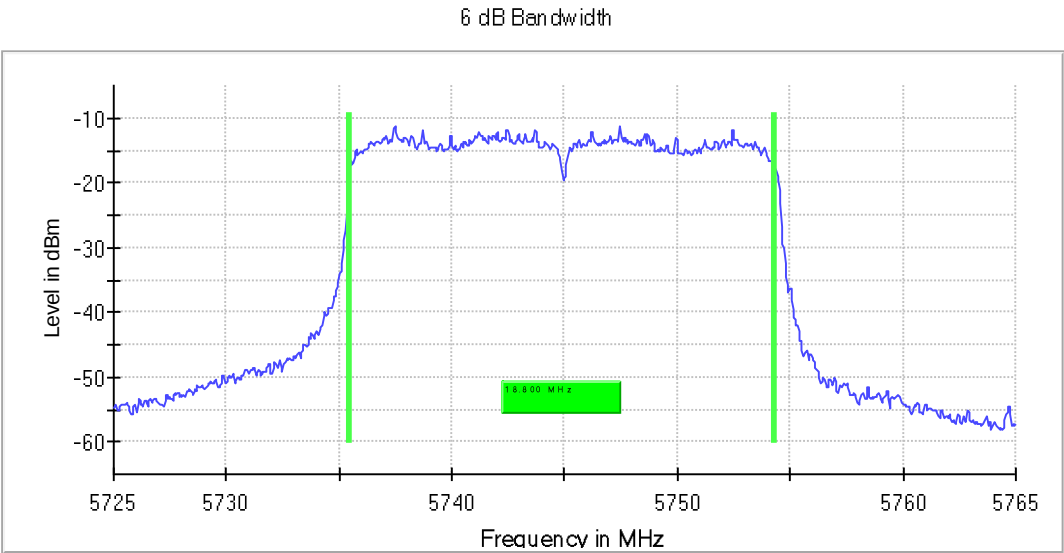
Verdict

Pass

Attachments

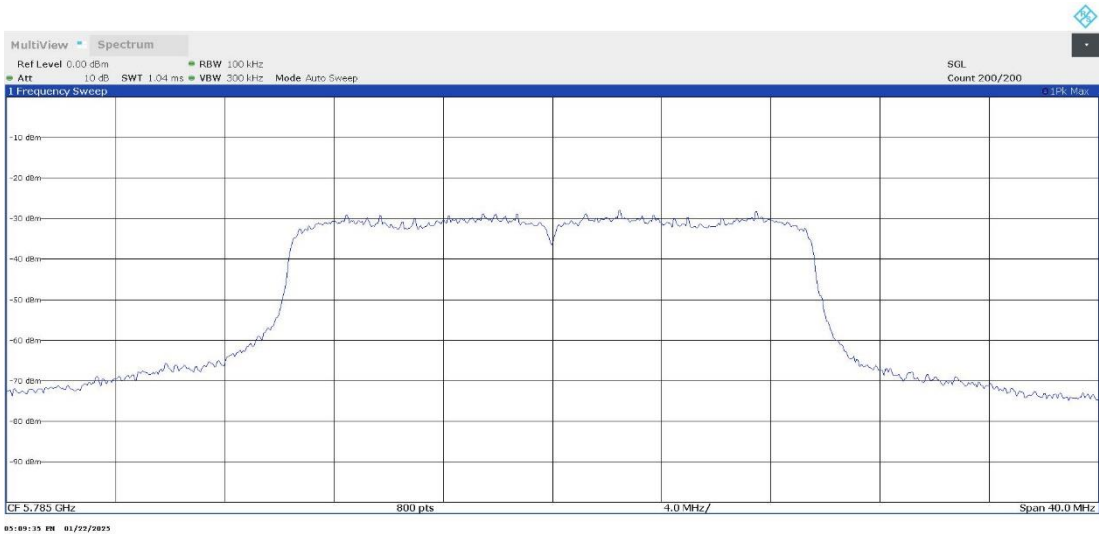
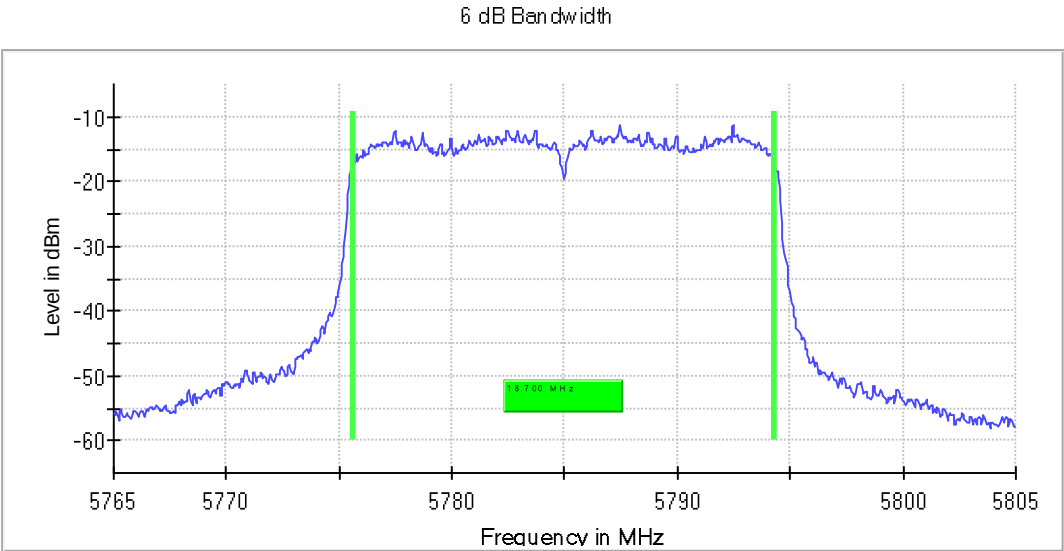
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 (OFDM MCS0) SU
Antenna Configuration = SISO

Images:



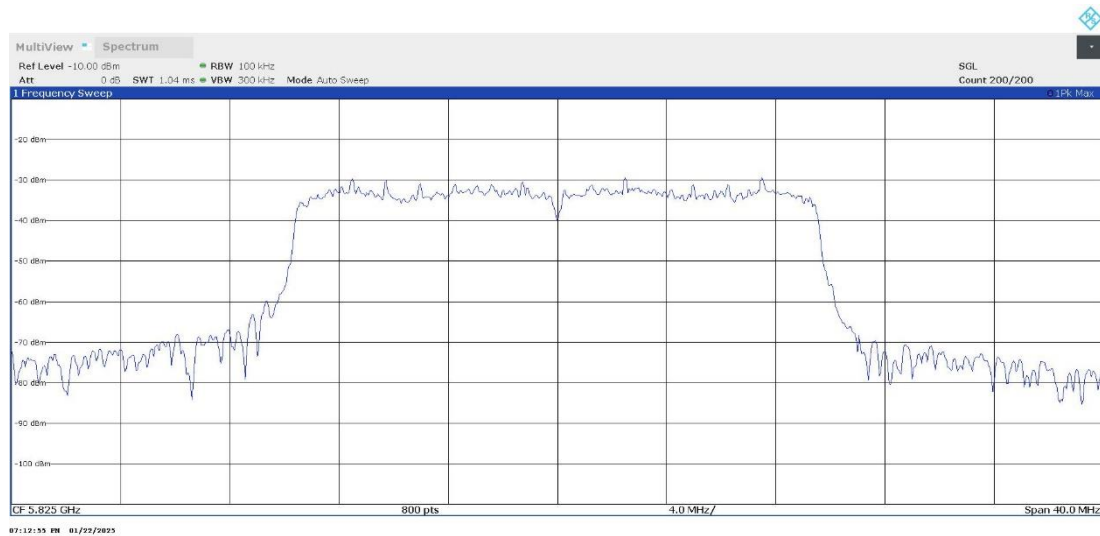
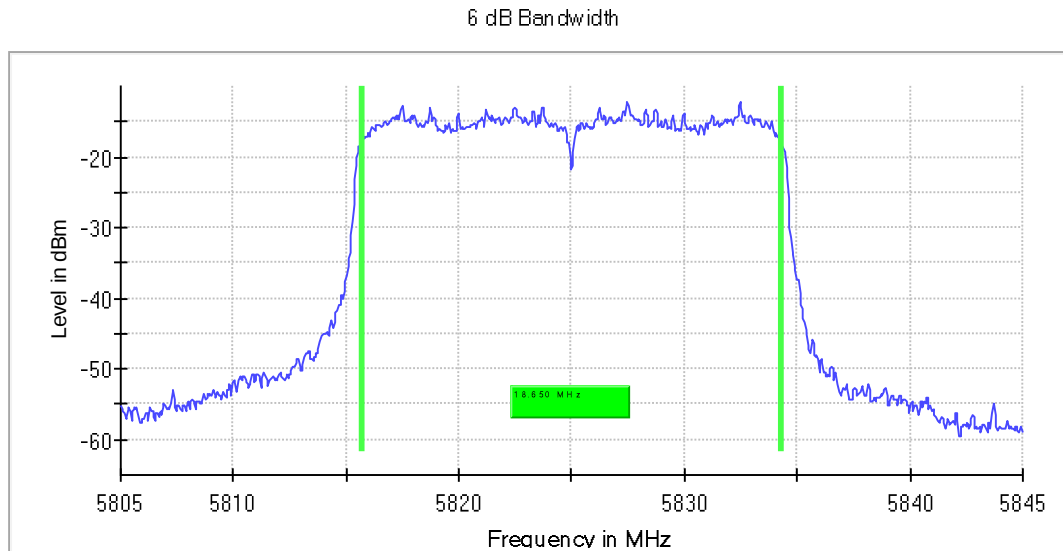
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 (OFDM MCS0) SU
Antenna Configuration = SISO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3
 Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 (OFDM MCS0) SU
 Antenna Configuration = SISO

Images:



Modulation: 802.11ax HE20 (OFDM MCS0) RU 26

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3	5745.00000	2.050
		5785.00000	2.150
		5825.00000	2.050

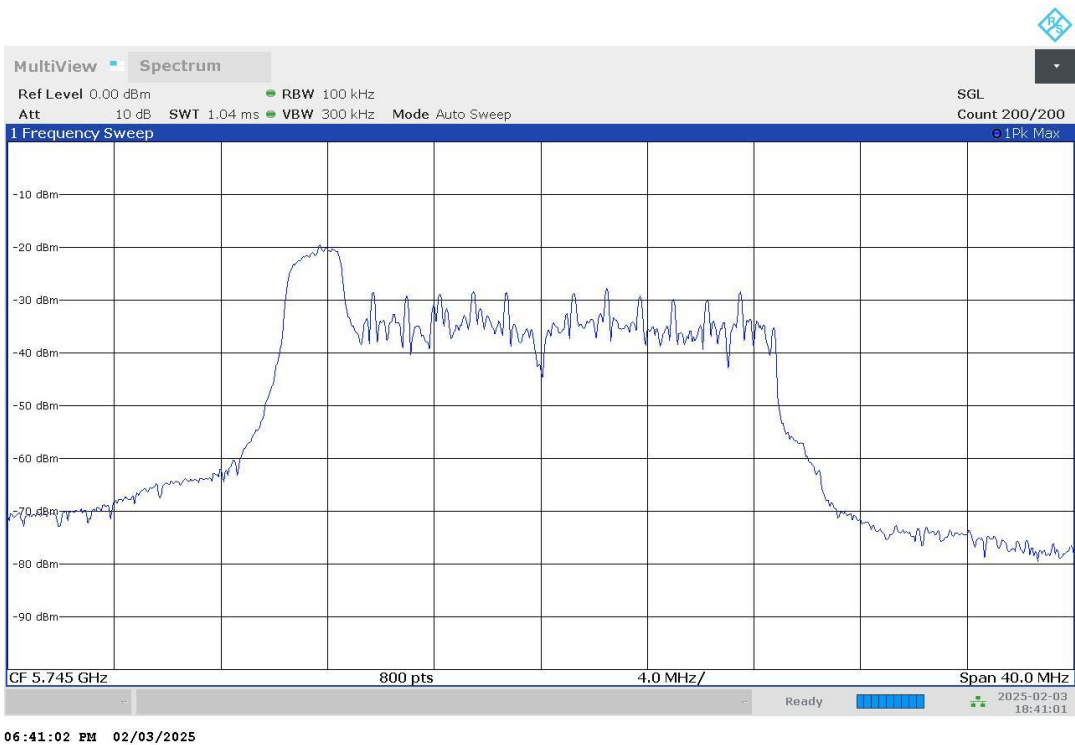
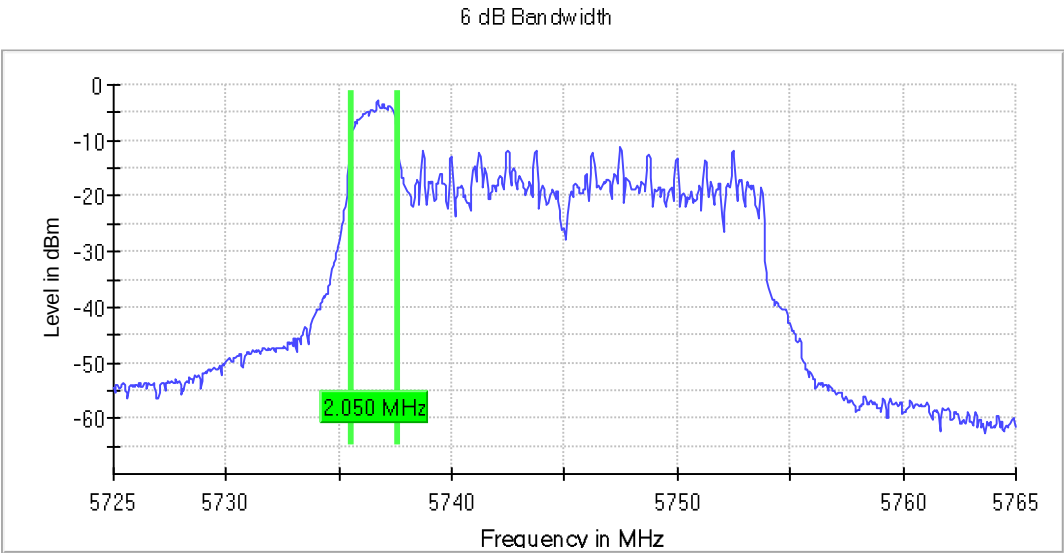
Verdict

Pass

Attachments

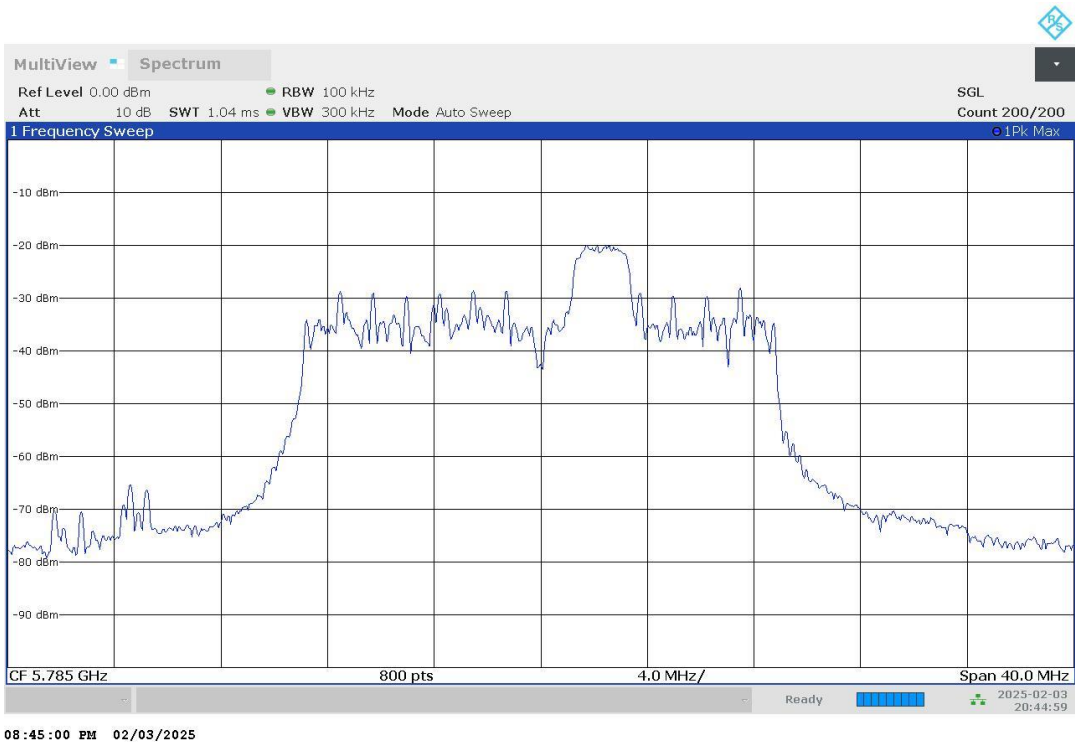
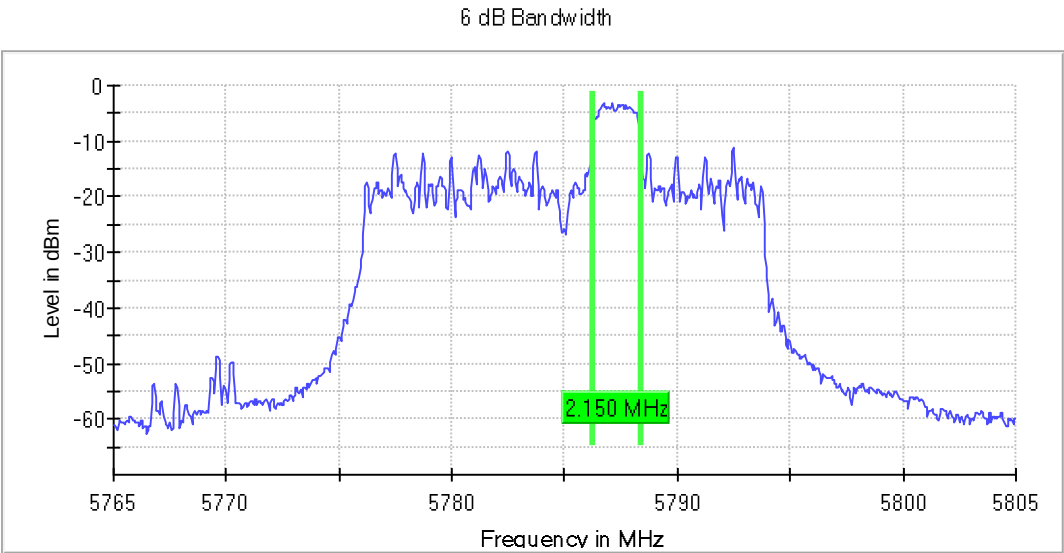
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 (OFDM MCS0) RU26
Antenna Configuration = SISO

Images:



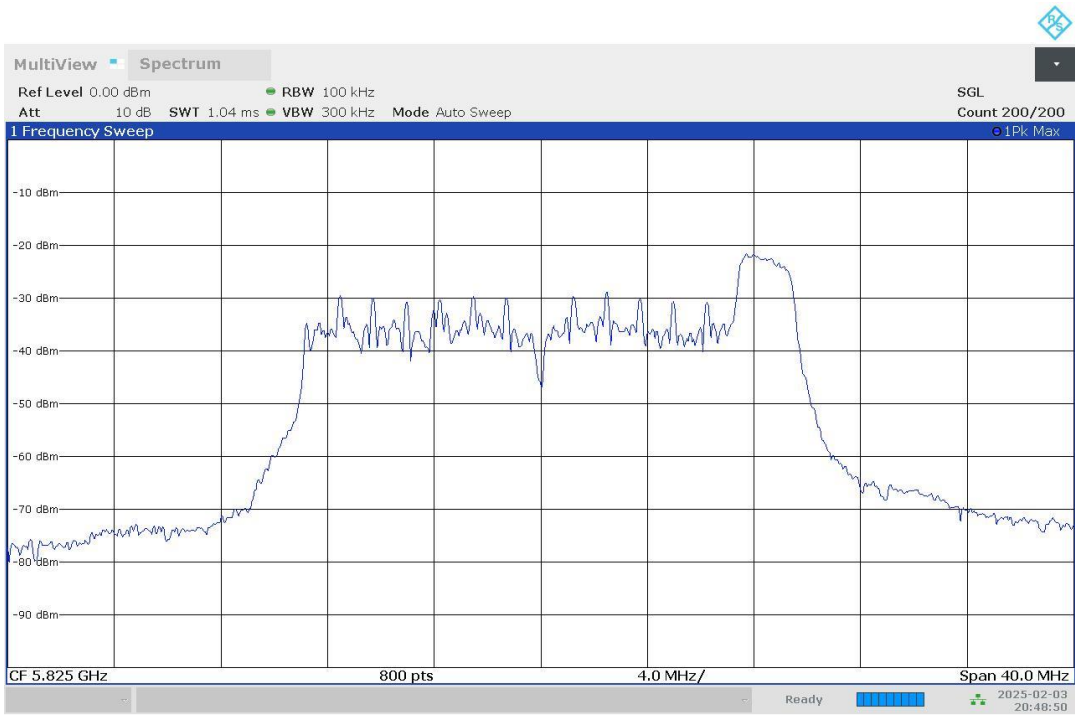
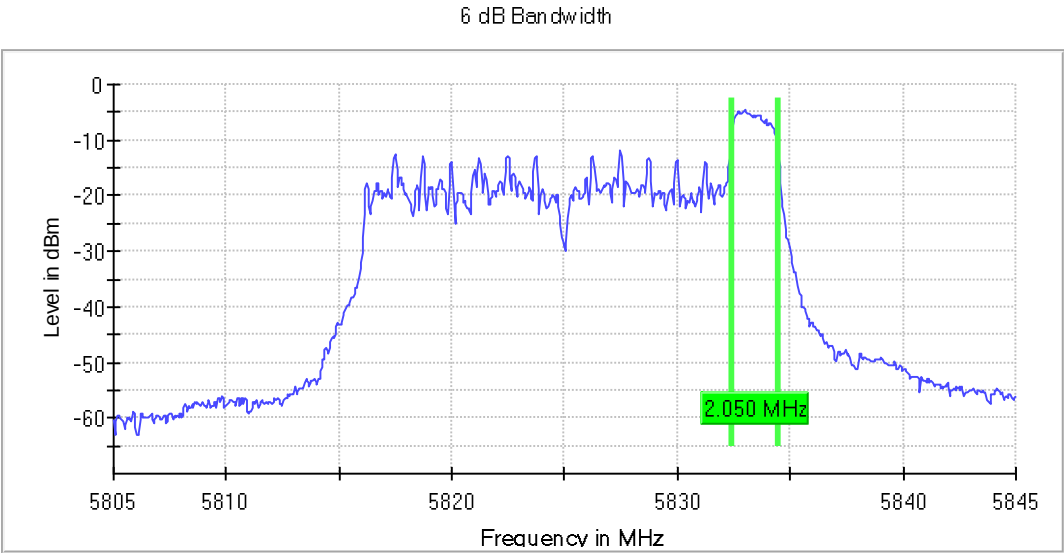
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 (OFDM MCS0) RU26
Antenna Configuration = SISO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 (OFDM MCS0) RU26
Antenna Configuration = SISO

Images:



Modulation: 802.11ax HE40 (OFDM MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3	5755.00000	37.600
		5795.00000	37.350

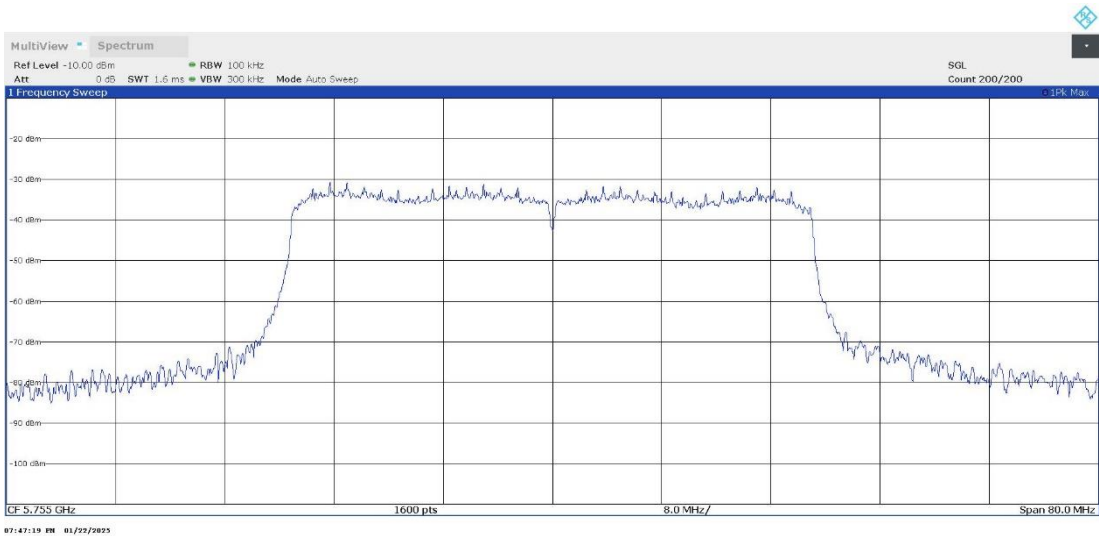
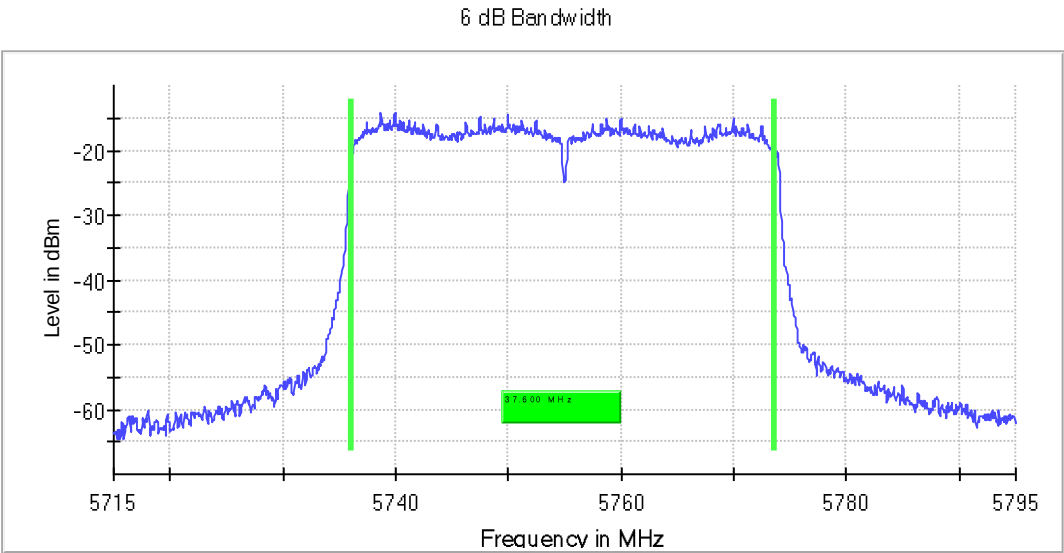
Verdict

Pass

Attachments

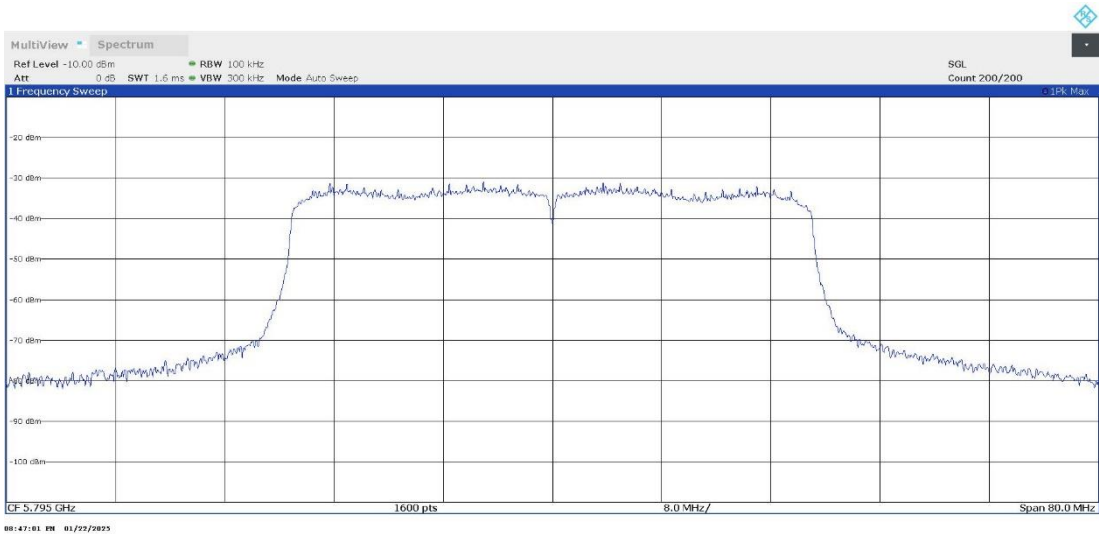
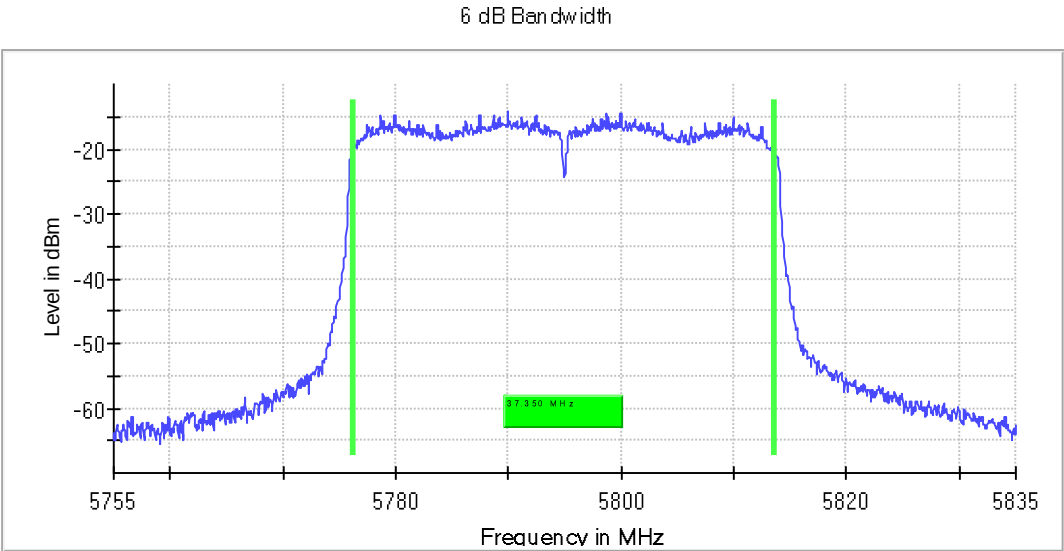
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 (OFDM MCS0) SU
Antenna Configuration = SISO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 (OFDM MCS0) SU
Antenna Configuration = SISO

Images:



Modulation: 802.11ax HE40 (OFDM MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3	5755.00000	2.150
		5795.00000	2.100

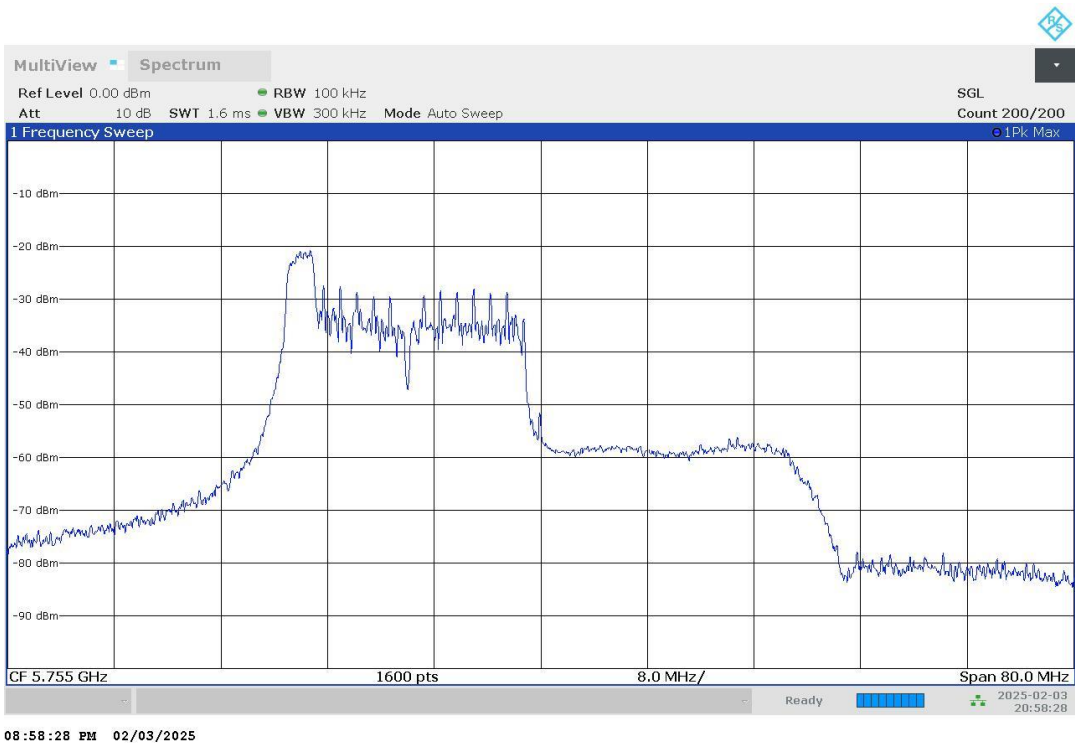
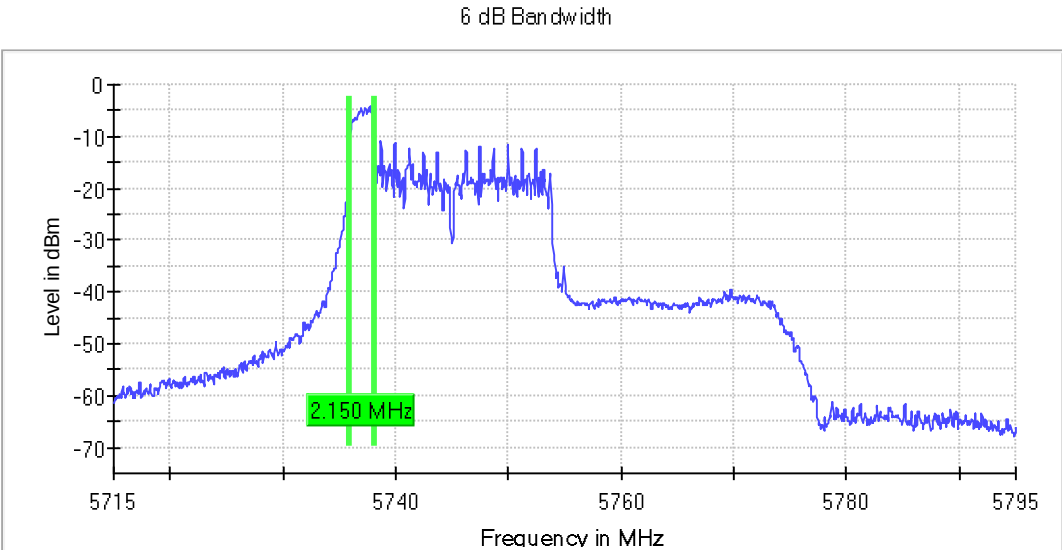
Verdict

Pass

Attachments

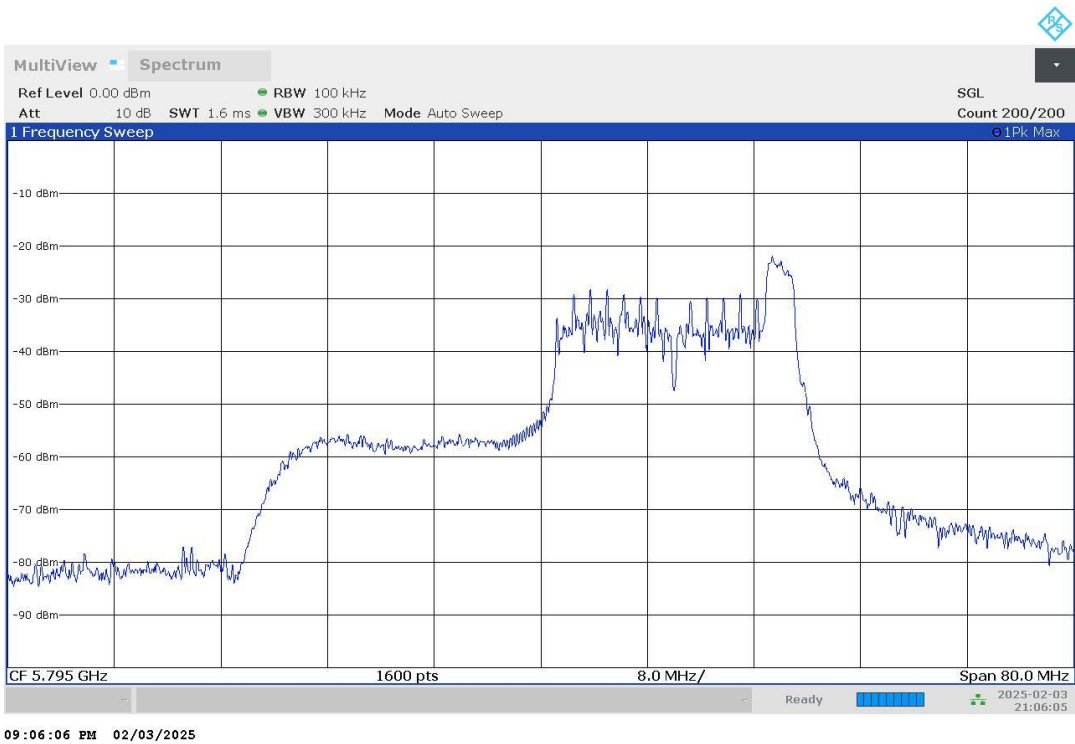
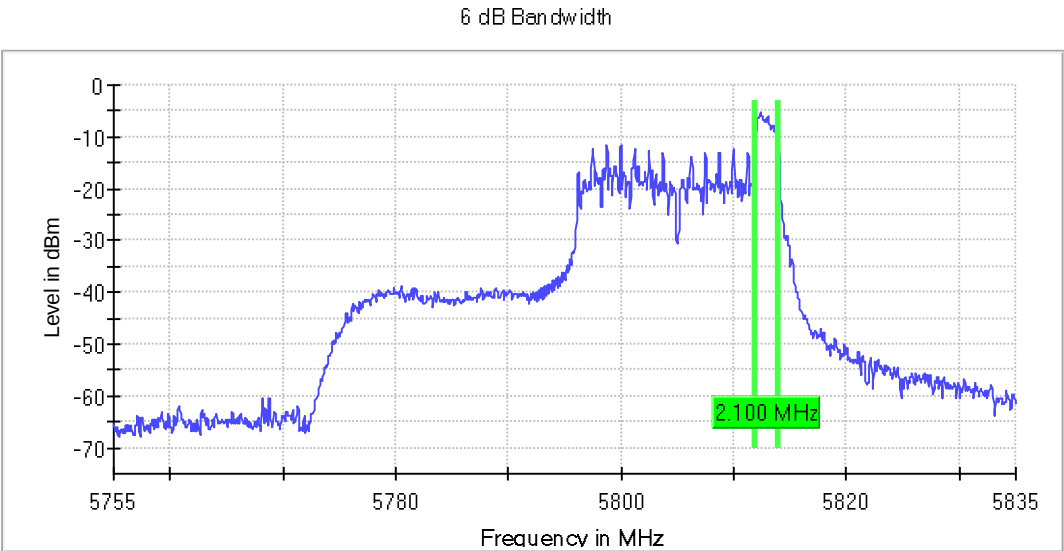
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 (OFDM MCS0) RU26
Antenna Configuration = SISO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 (OFDM MCS0) RU26
Antenna Configuration = SISO

Images:



Modulation: 802.11ax HE80 (OFDM MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3	5775.00000	78.150

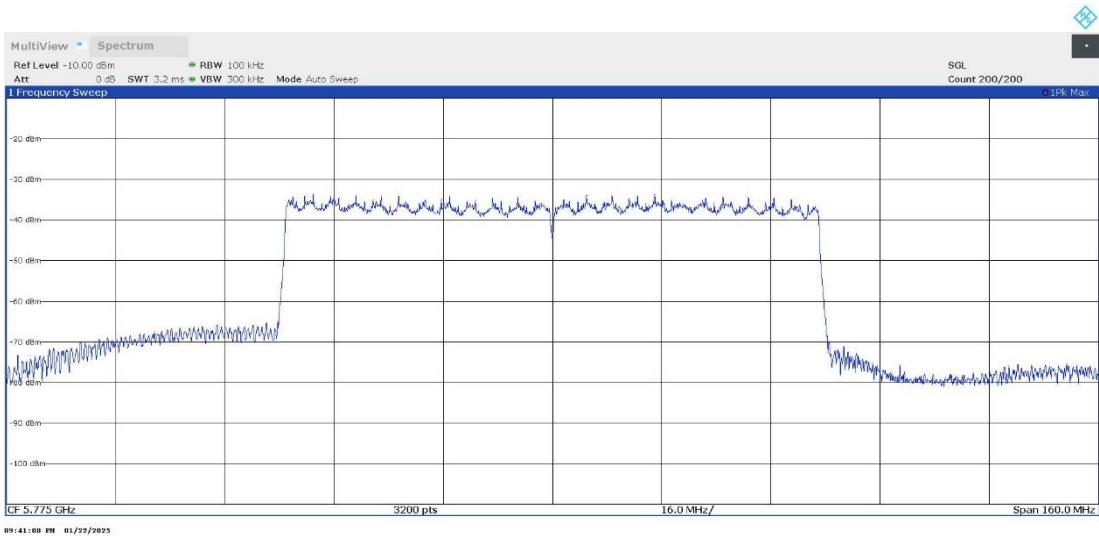
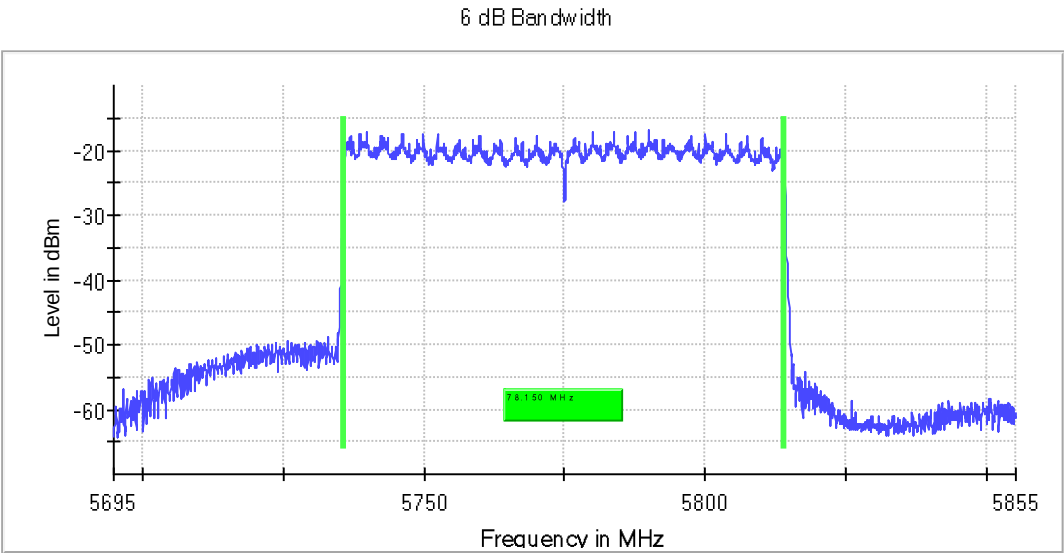
Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 (OFDM MCS0) SU
Antenna Configuration = SISO

Images:



Modulation: 802.11ax HE80 (OFDM MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3	5775.00000	2.100

Verdict

Pass

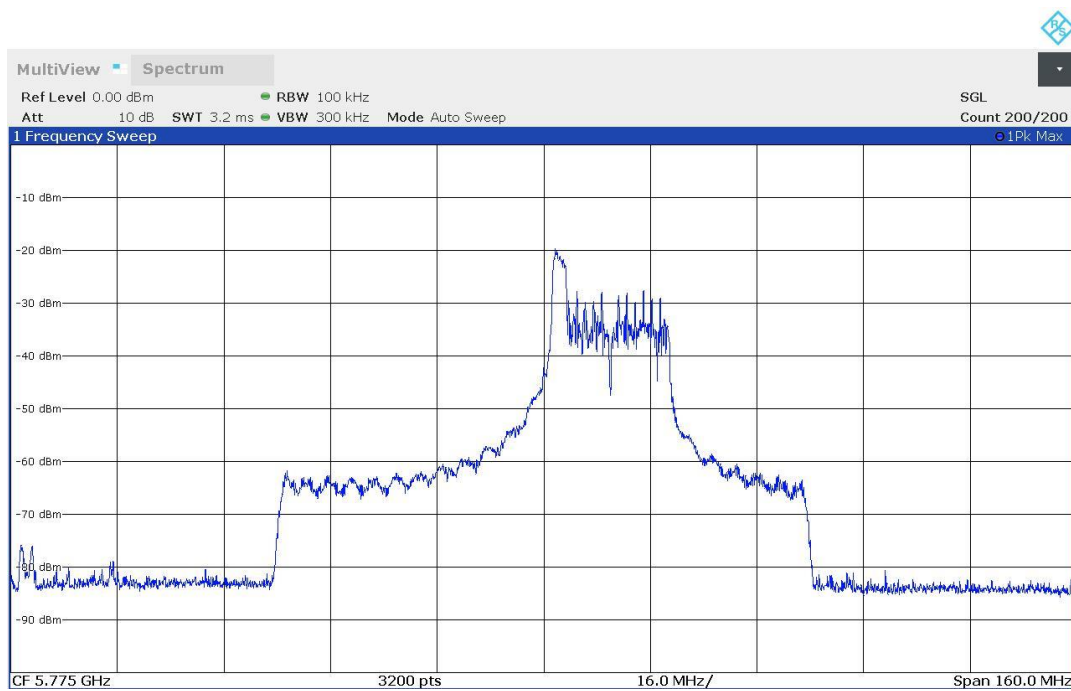
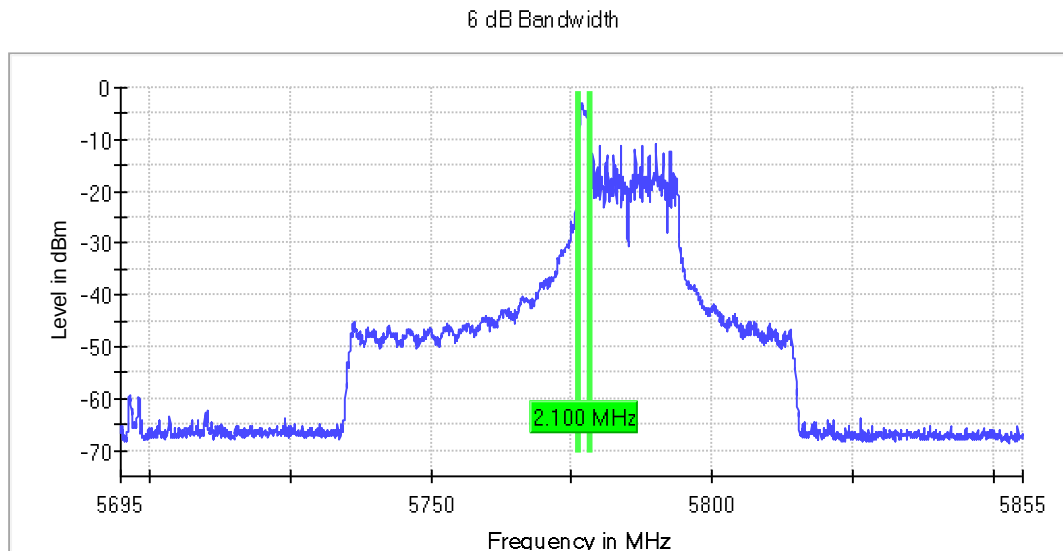
Attachments

Operation Band MHz = [5725, 5850] Active Port = 3

Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 (OFDM MCS0) RU26

Antenna Configuration = SISO

Images:



MIMO (Port 3 + Port 2)

Modulation: 802.11a (OFDM 6 Mbit/s)

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5745.00000	16.400
		5785.00000	16.450
		5825.00000	16.400

Verdict

Pass

Attachments

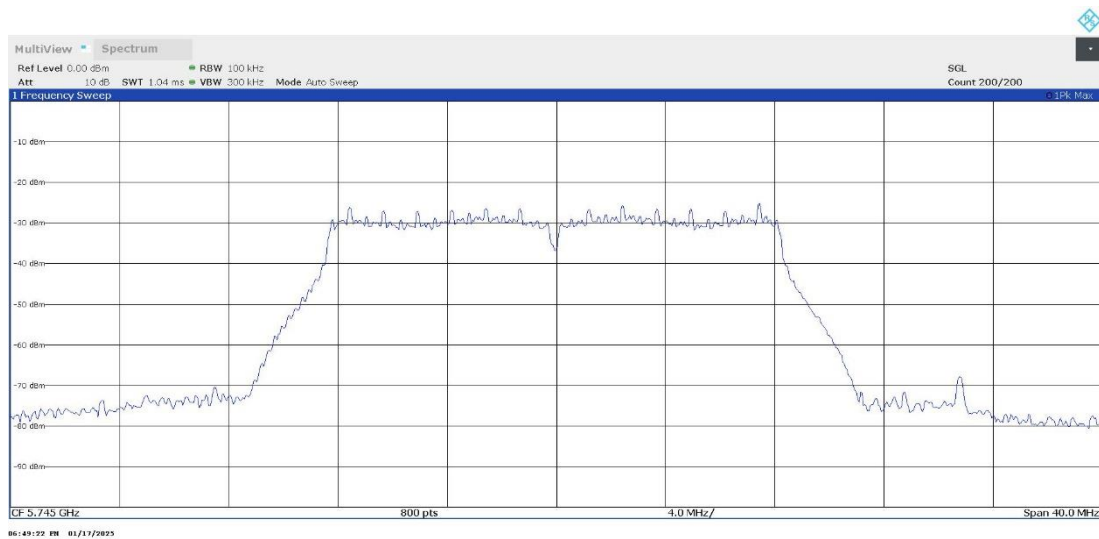
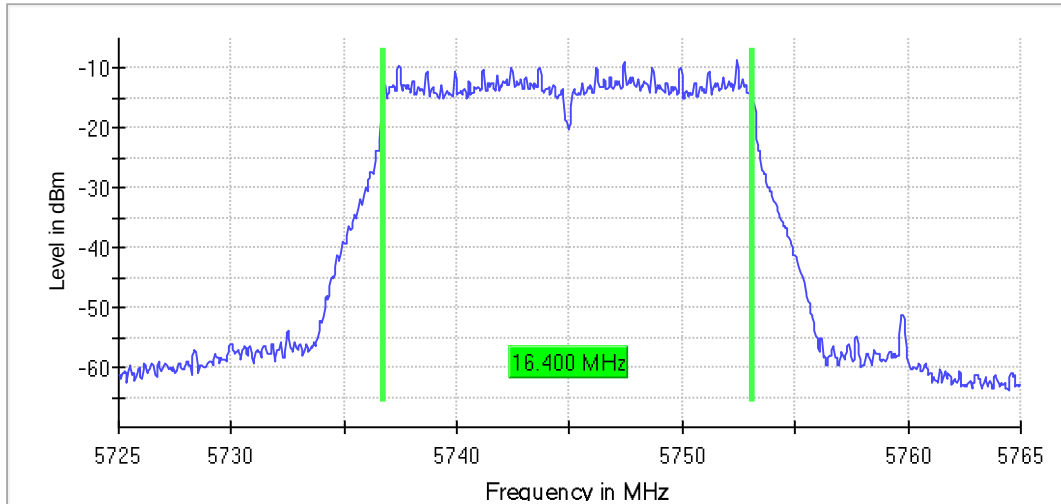
Operation Band MHz = [5725, 5850] Active Port = 3+2

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

Antenna Configuration = MIMO

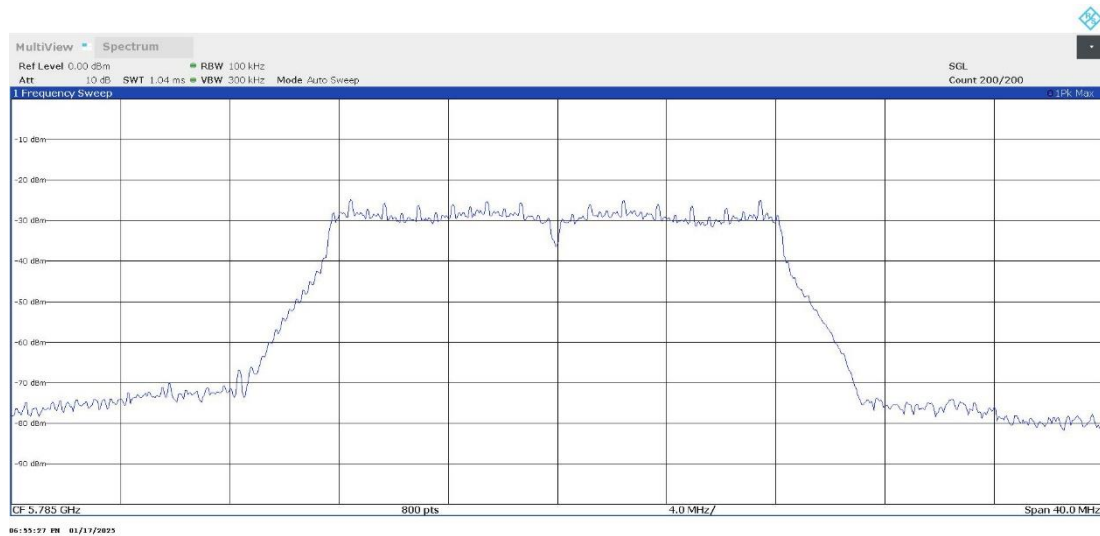
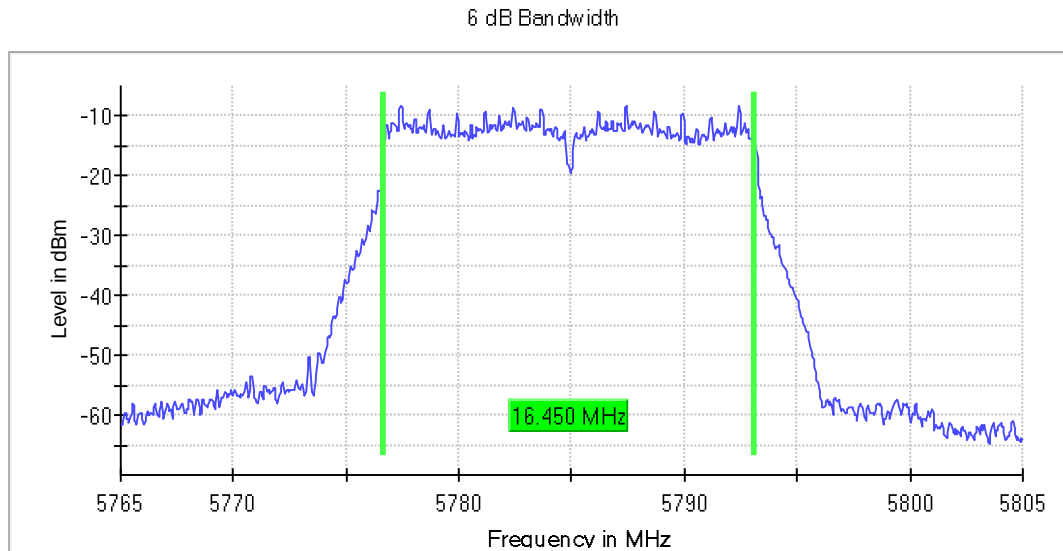
Images:

6 dB Bandwidth



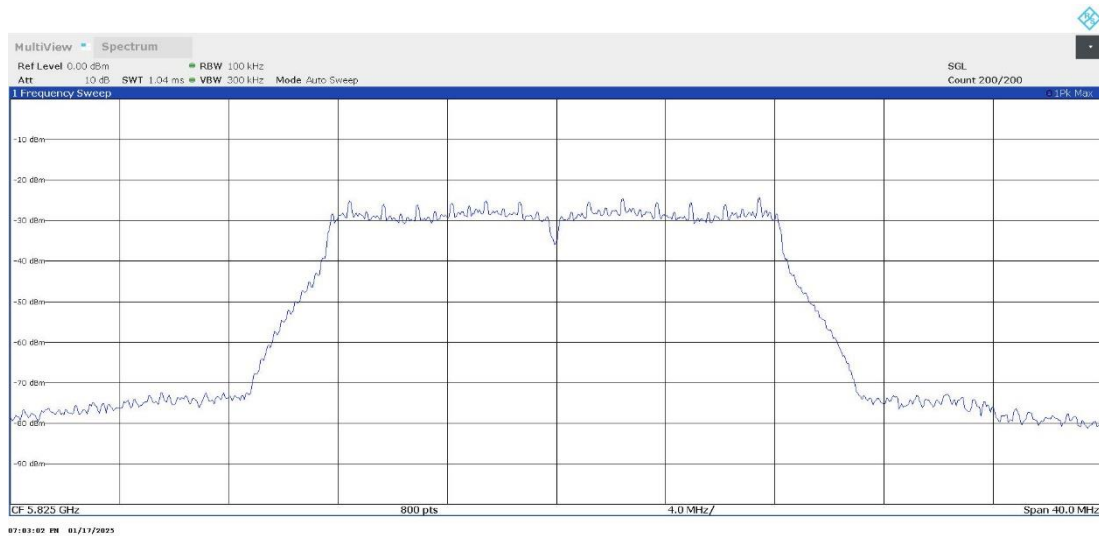
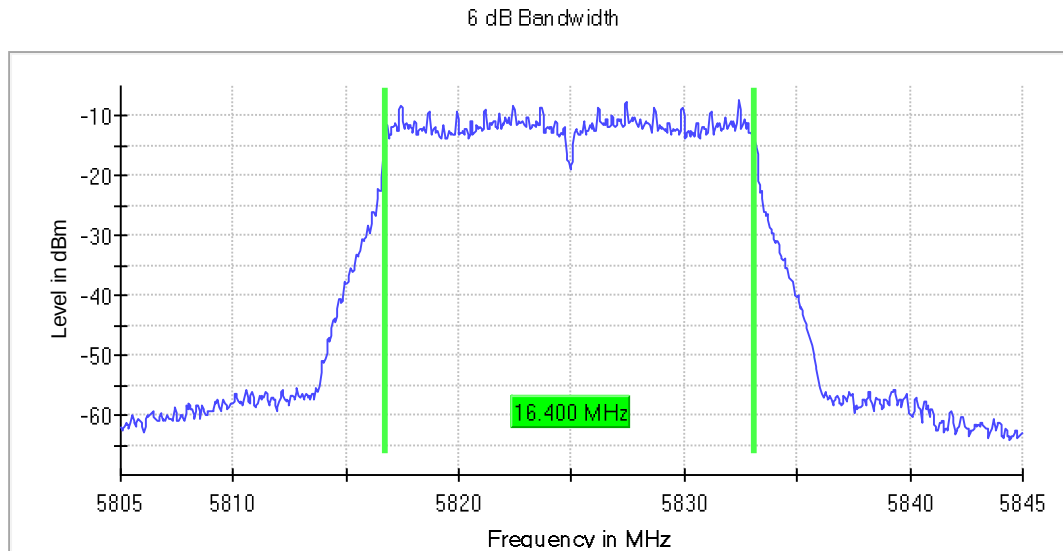
Operation Band MHz = [5725, 5850] Active Port = 3+2
Frequency MHz = 5785.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
Antenna Configuration = MIMO

Images:



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

Images:



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

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5745.00000	17.600
		5785.00000	17.650
		5825.00000	17.600

Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+2

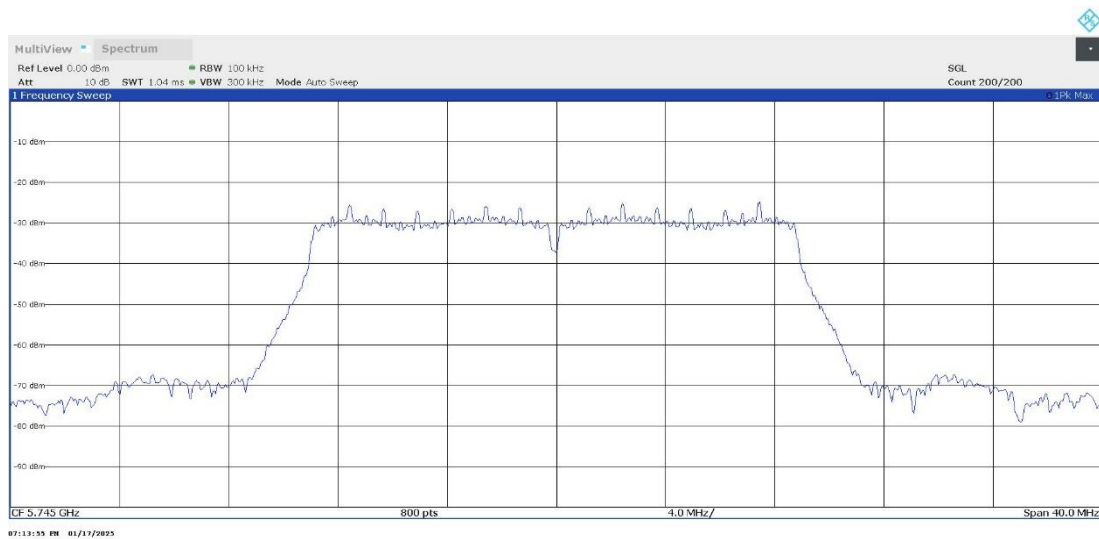
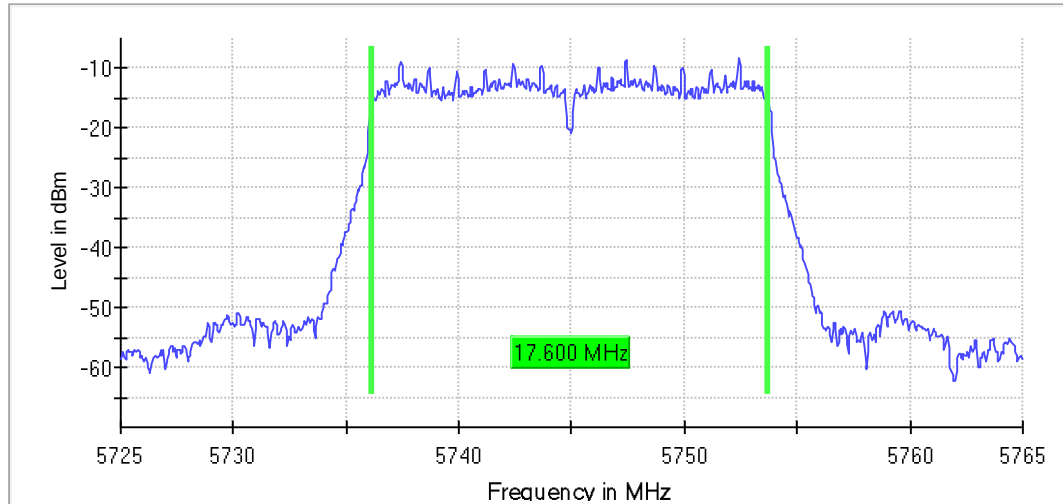
Frequency MHz = 5745.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Antenna Configuration = MIMO

Images:

6 dB Bandwidth



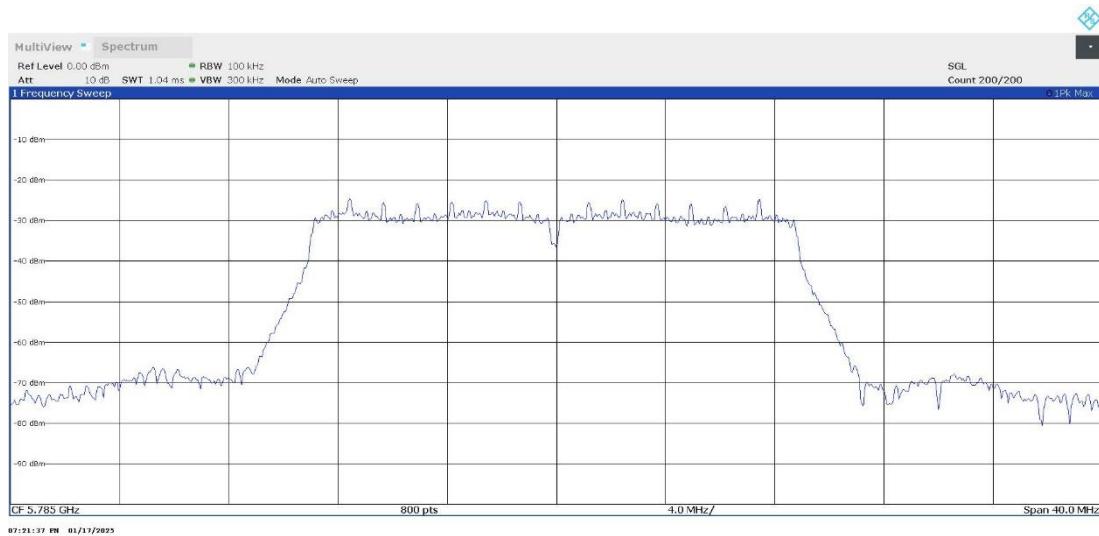
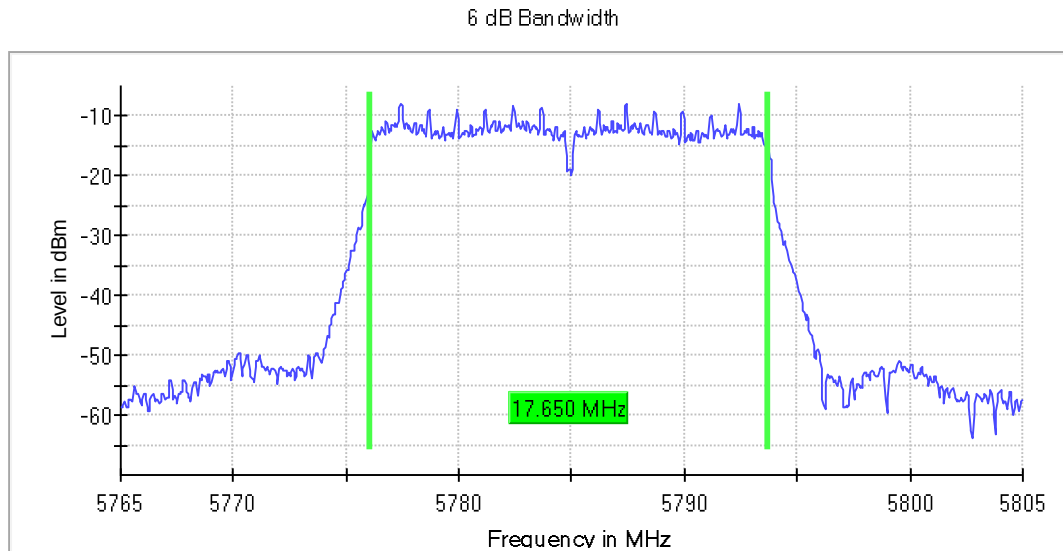
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5785.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Antenna Configuration = MIMO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3+2

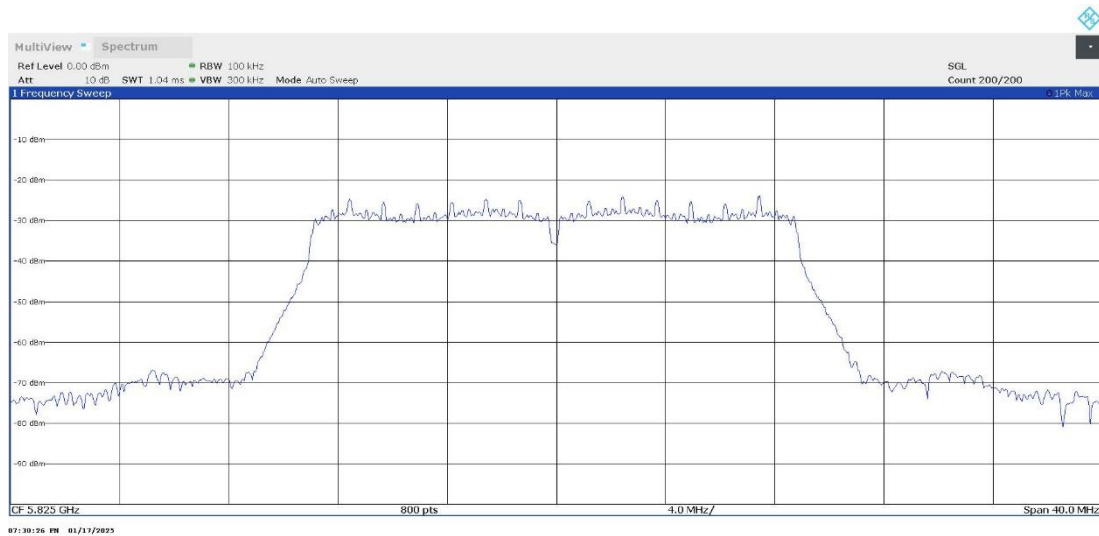
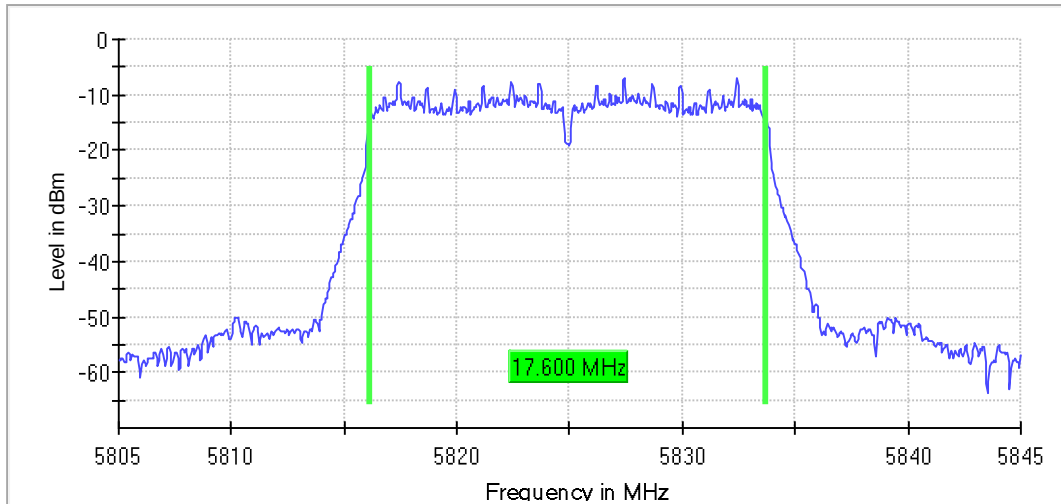
Frequency MHz = 5825.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Antenna Configuration = MIMO

Images:

6 dB Bandwidth



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

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5755.00000	35.800
		5795.00000	36.400

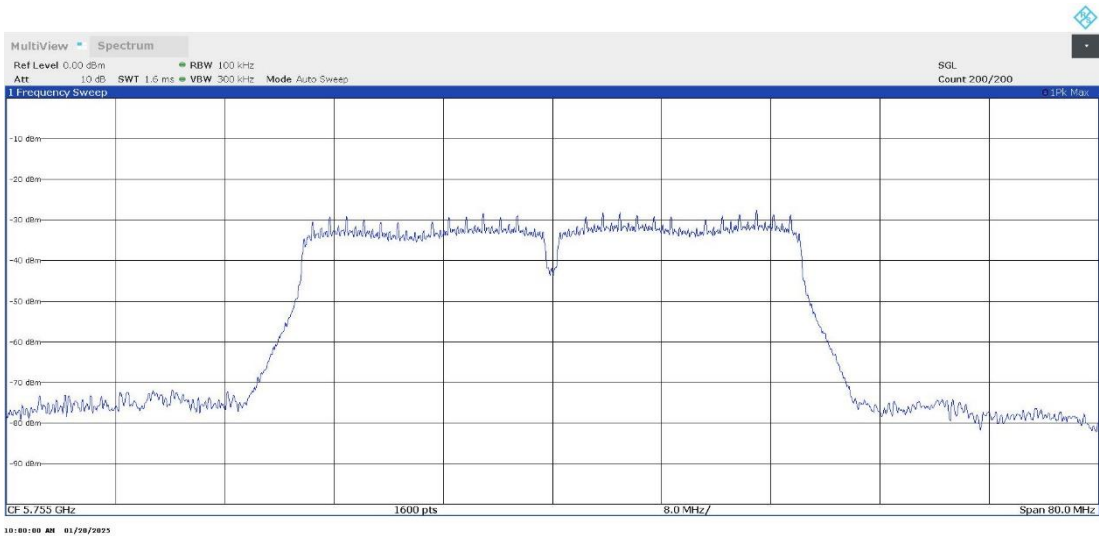
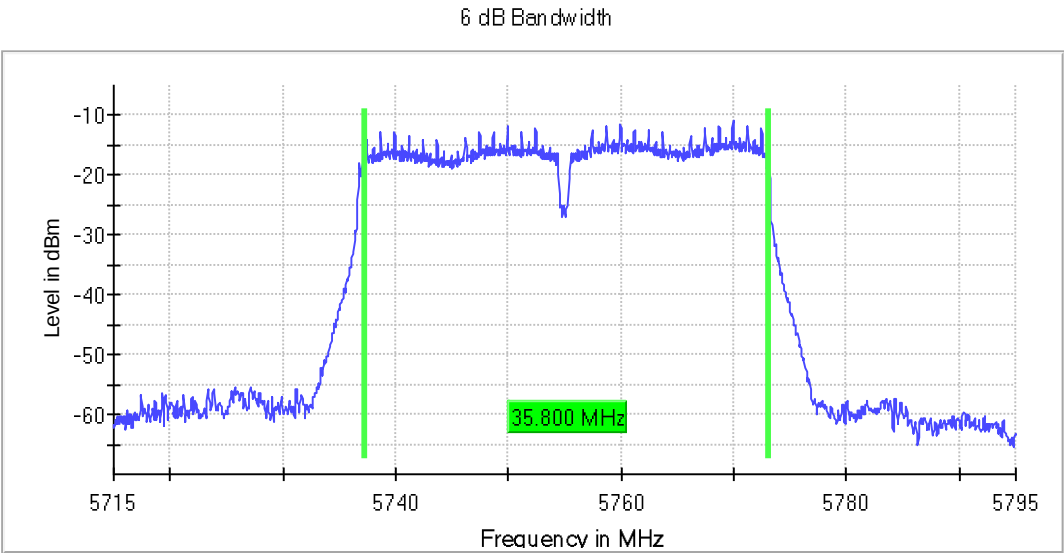
Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+2
Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0)
Antenna Configuration = MIMO

Images:



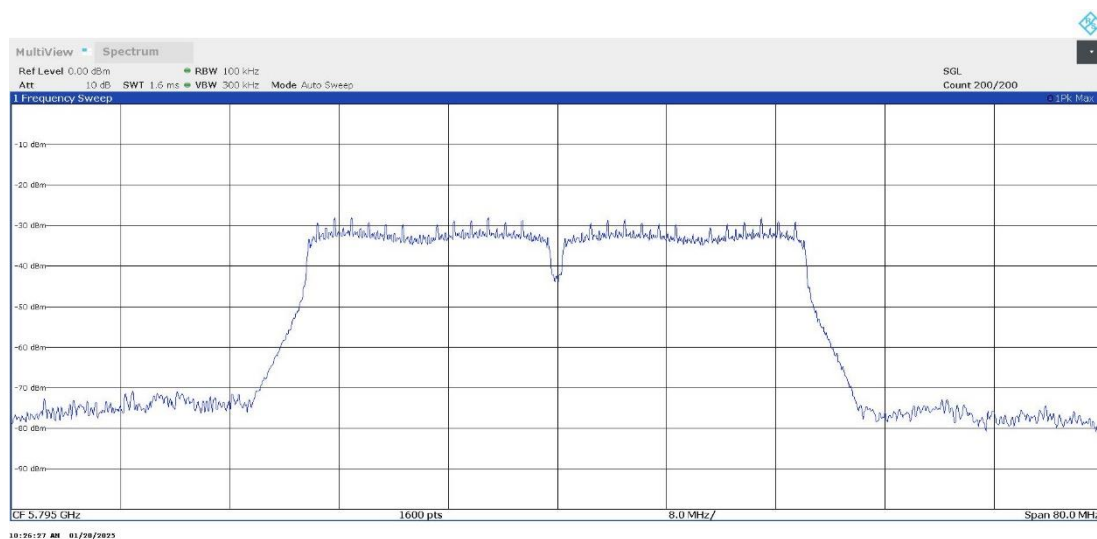
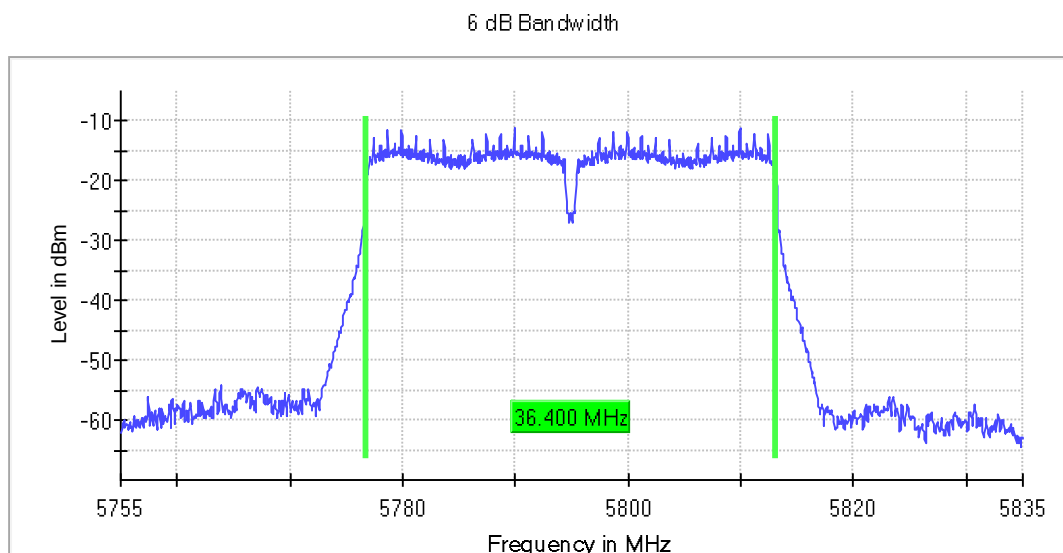
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5795.00000

Modulation = 802.11n HT40 (OFDM MCS0)

Antenna Configuration = MIMO

Images:



Modulation: 802.11ac VHT20 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5745.00000	17.600
		5785.00000	17.650
		5825.00000	17.600

Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+2

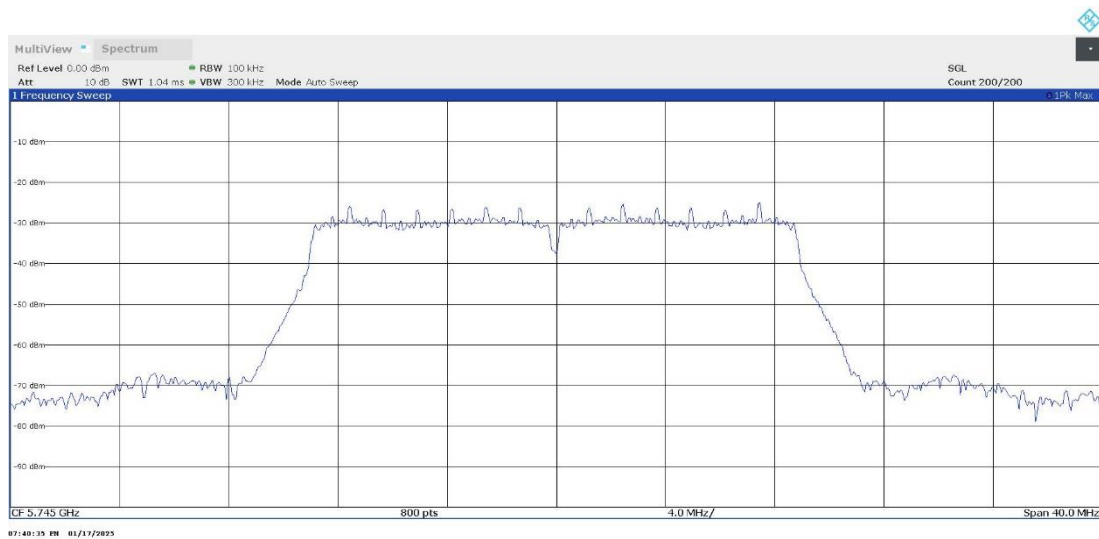
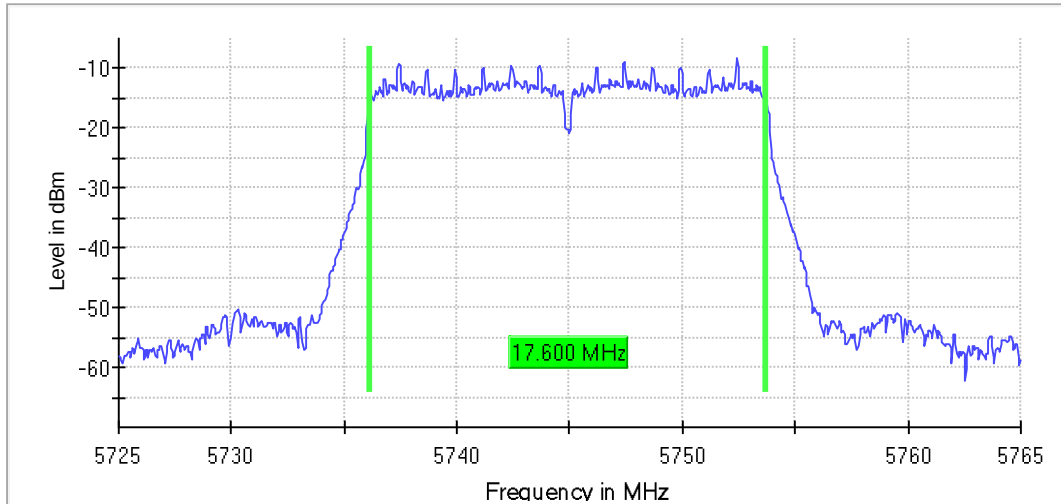
Frequency MHz = 5745.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

Antenna Configuration = MIMO

Images:

6 dB Bandwidth



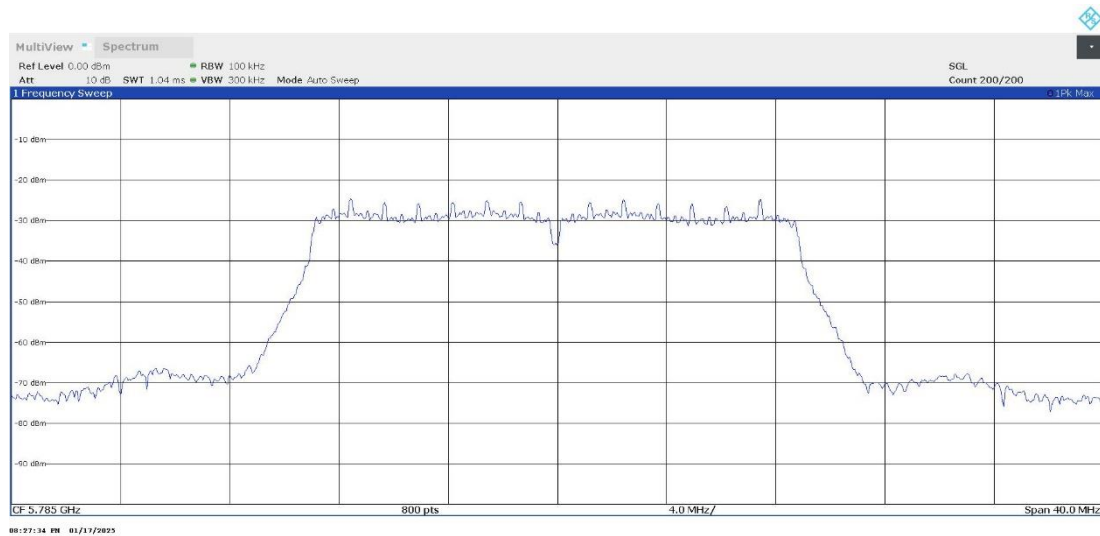
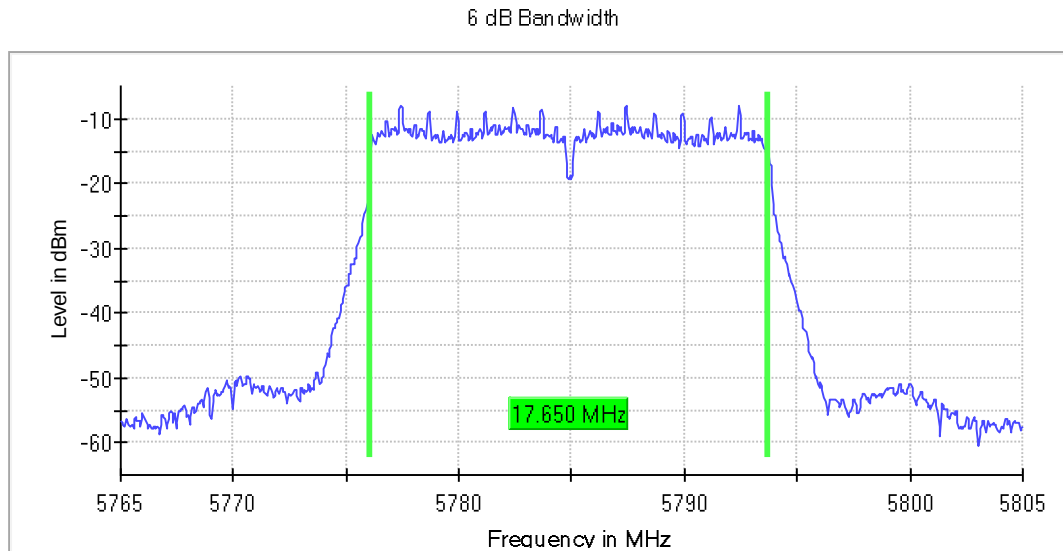
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5785.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

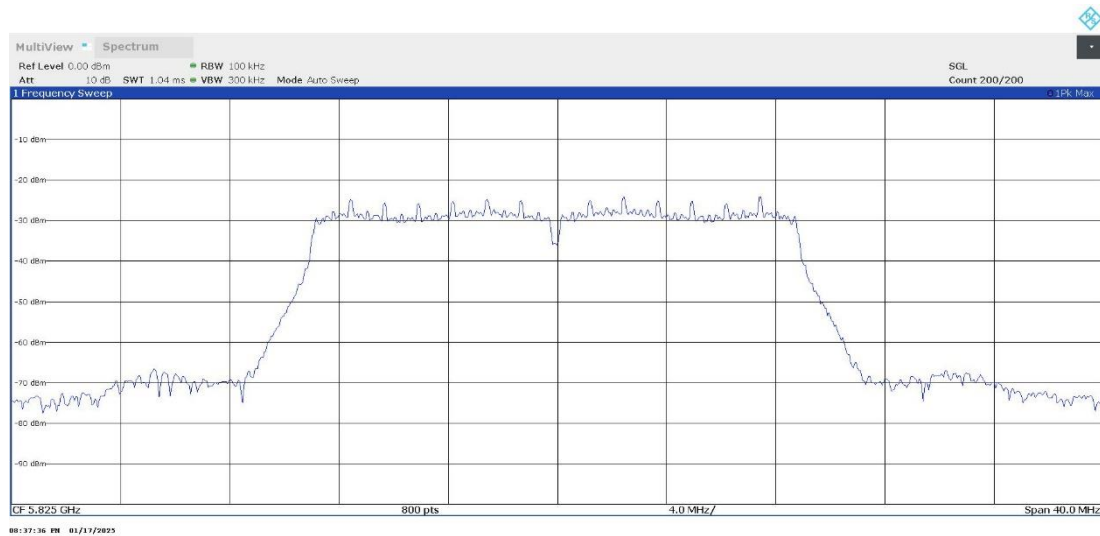
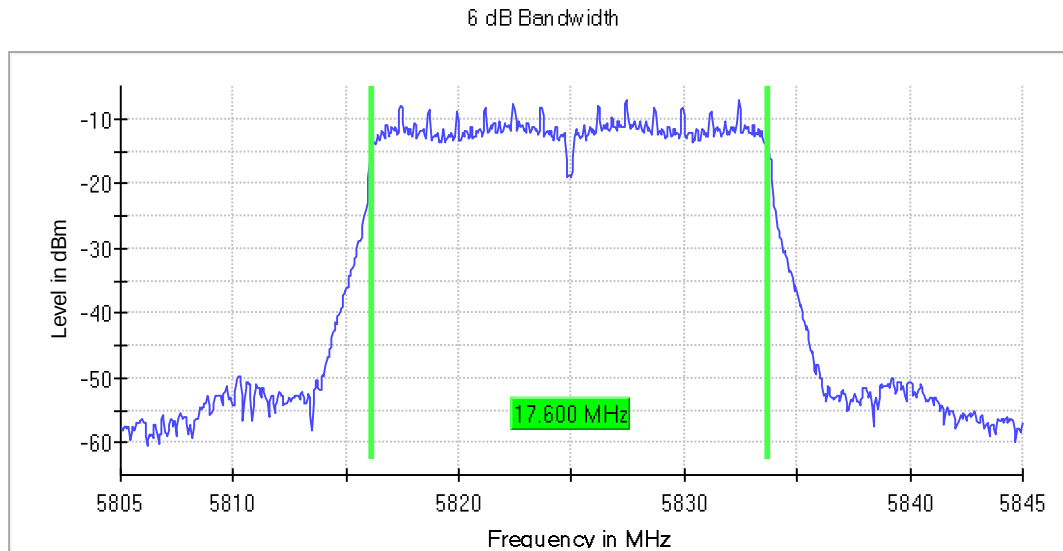
Antenna Configuration = MIMO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3+2
 Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)
 Antenna Configuration = MIMO

Images:



Modulation: 802.11ac VHT40 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5755.00000	35.400
		5795.00000	36.150

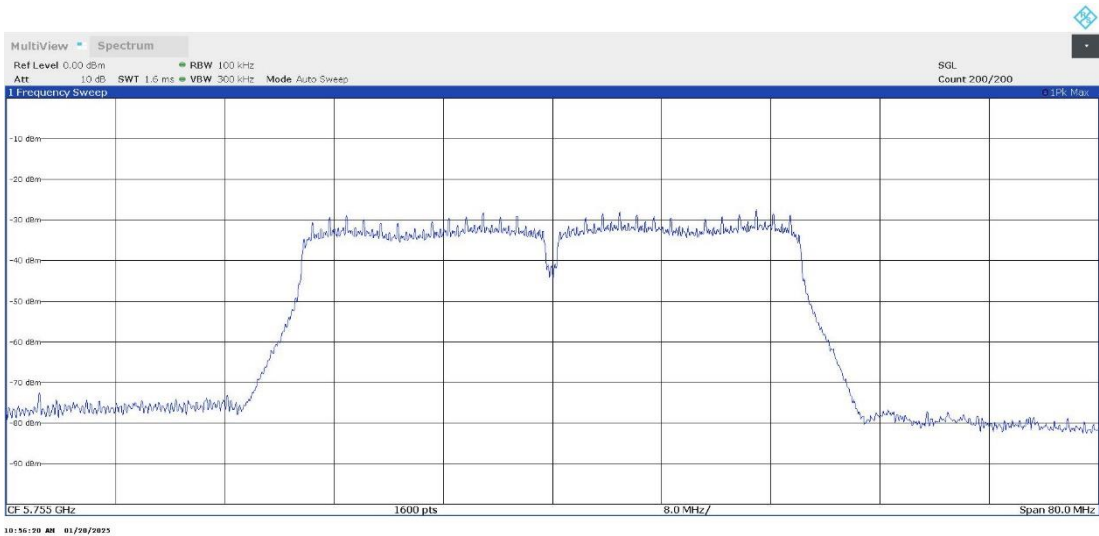
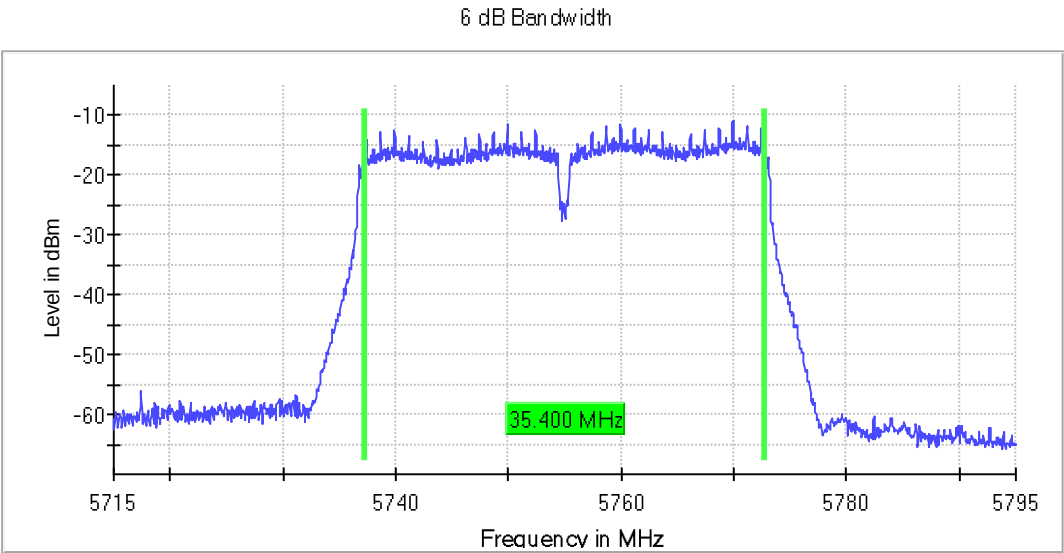
Verdict

Pass

Attachments

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

Images:



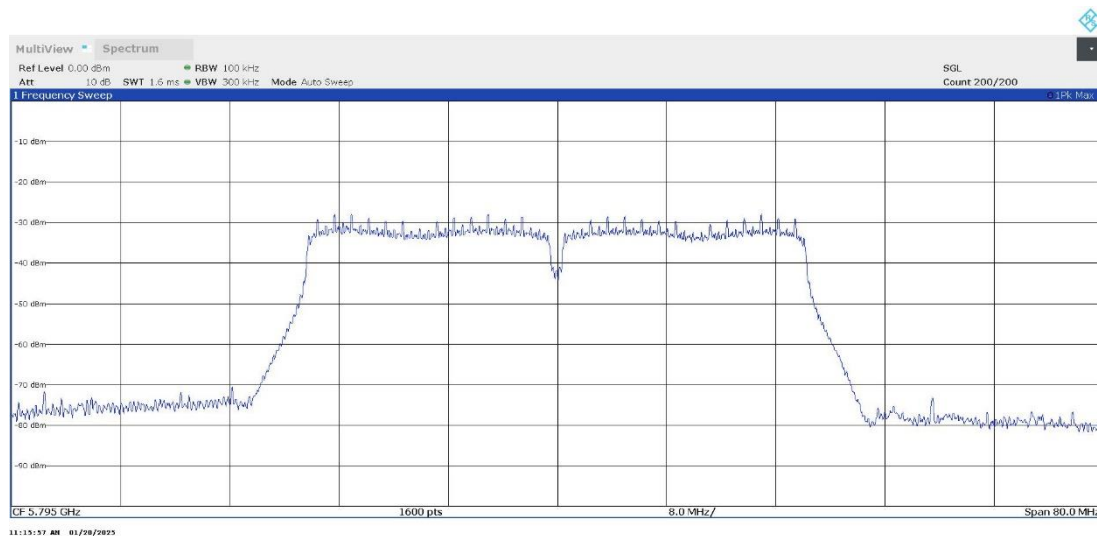
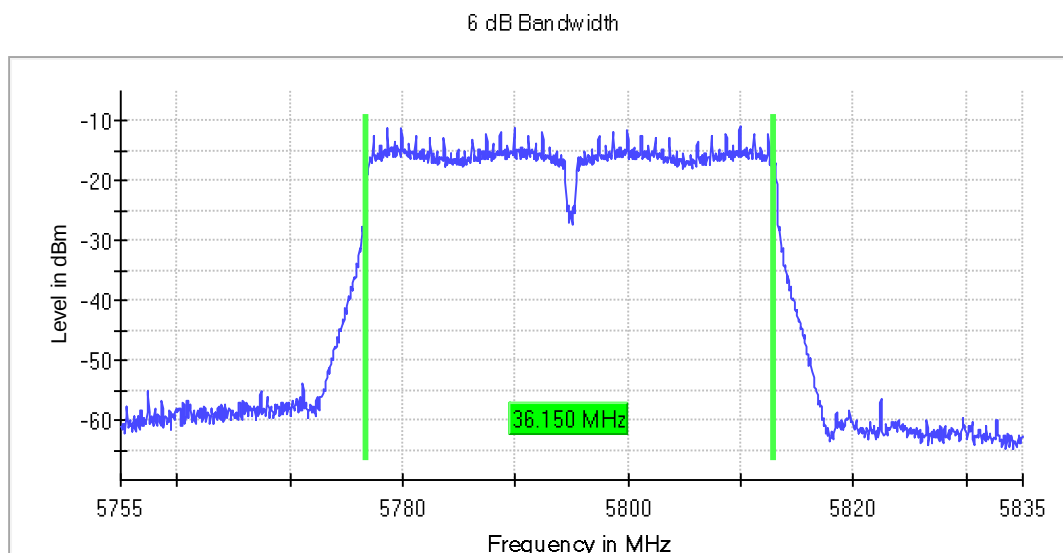
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5795.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

Antenna Configuration = MIMO

Images:



Modulation: 802.11ac VHT80 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5775.00000	76.400

Verdict

Pass

Attachments

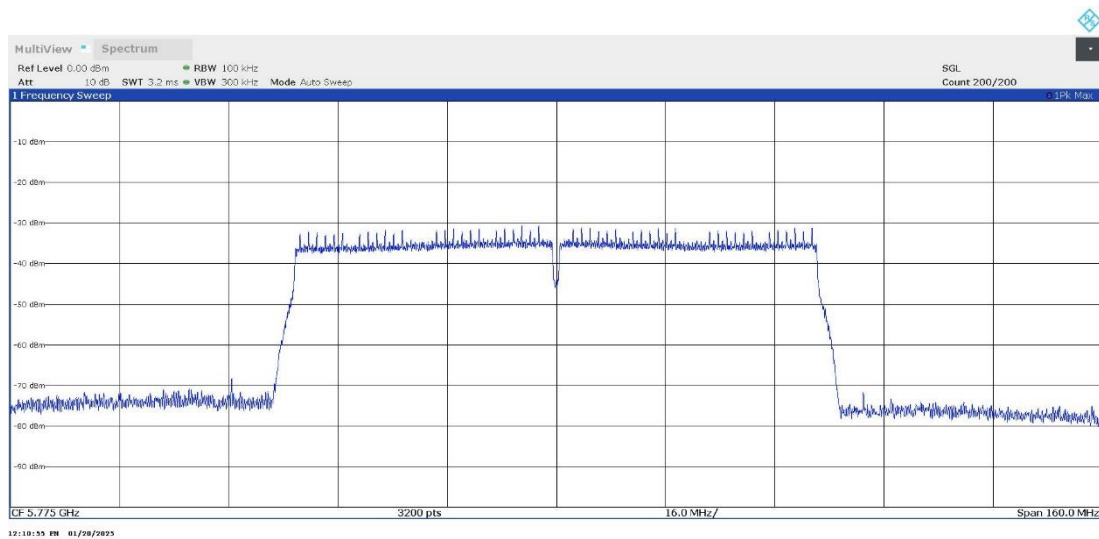
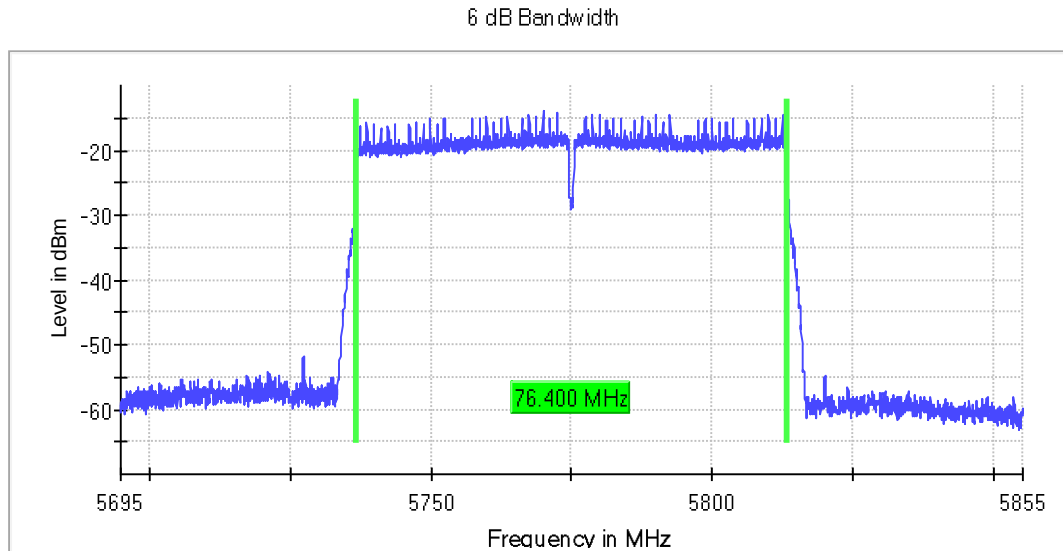
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5775.00000

Modulation = 802.11ac VHT80 (OFDM MCS0)

Antenna Configuration = MIMO

Images:



Modulation: 802.11ax HE20 (OFDM MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5745.00000	18.800
		5785.00000	18.650
		5825.00000	18.900

Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+2

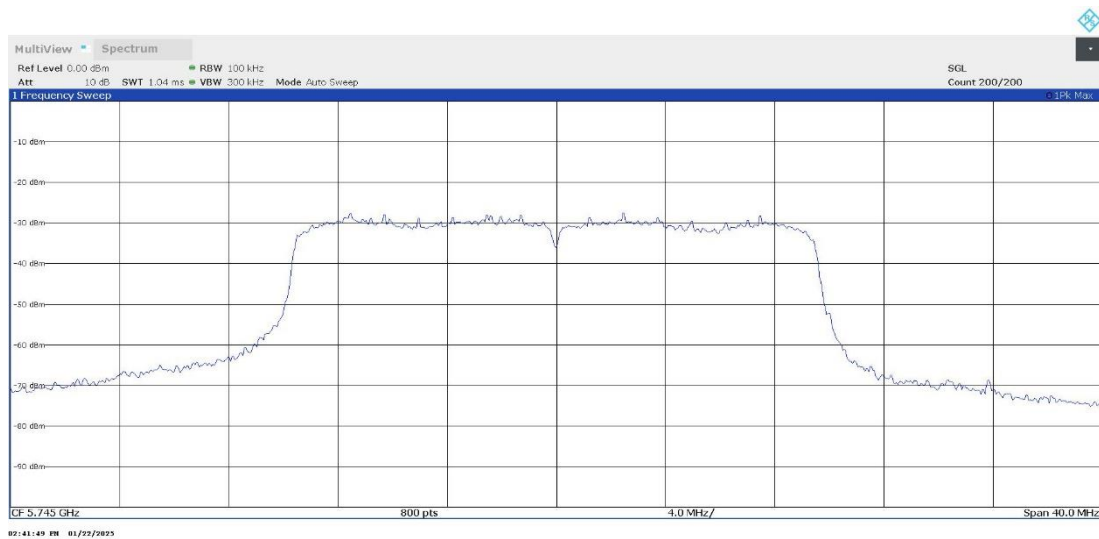
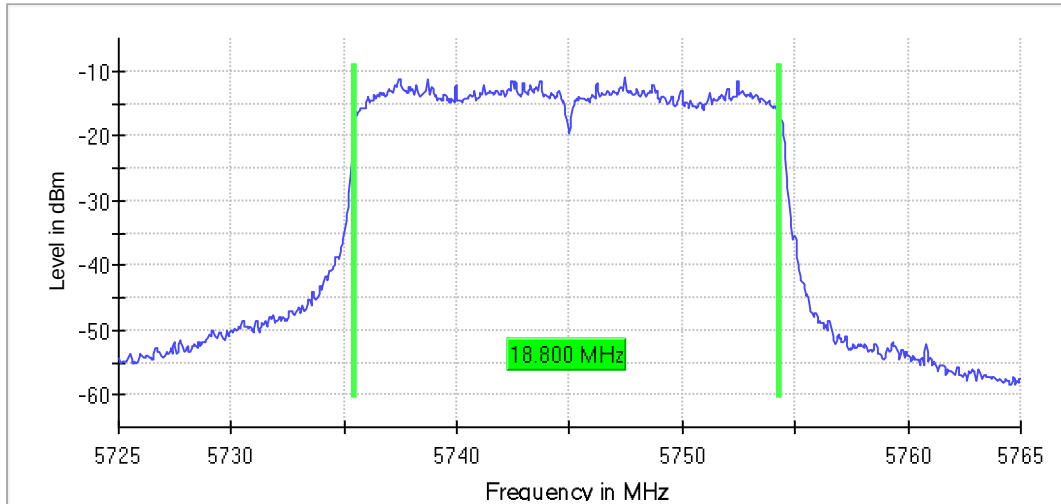
Frequency MHz = 5745.00000

Modulation = 802.11ax HE20 (OFDM MCS0) SU

Antenna Configuration = MIMO

Images:

6 dB Bandwidth



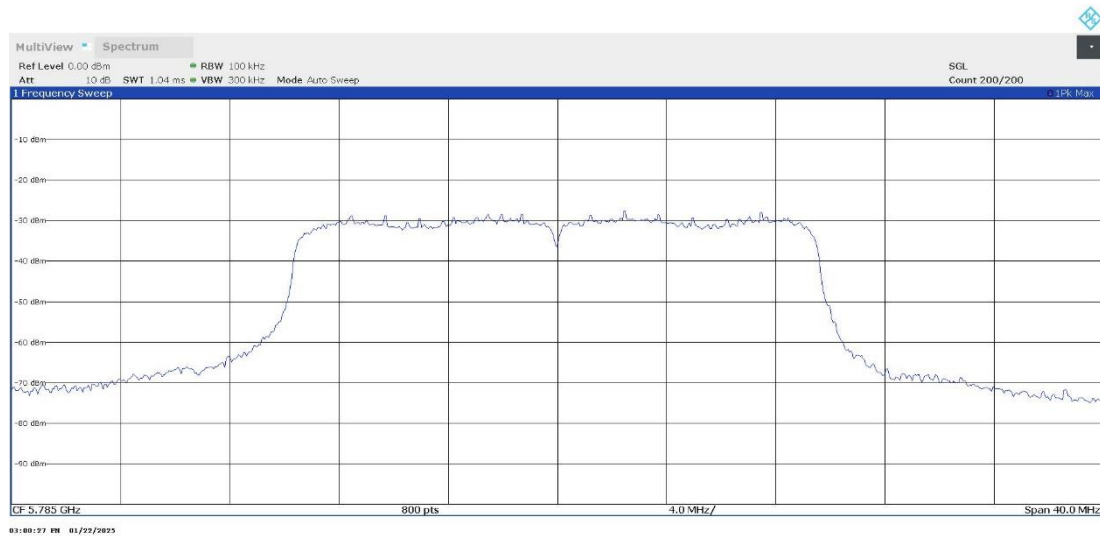
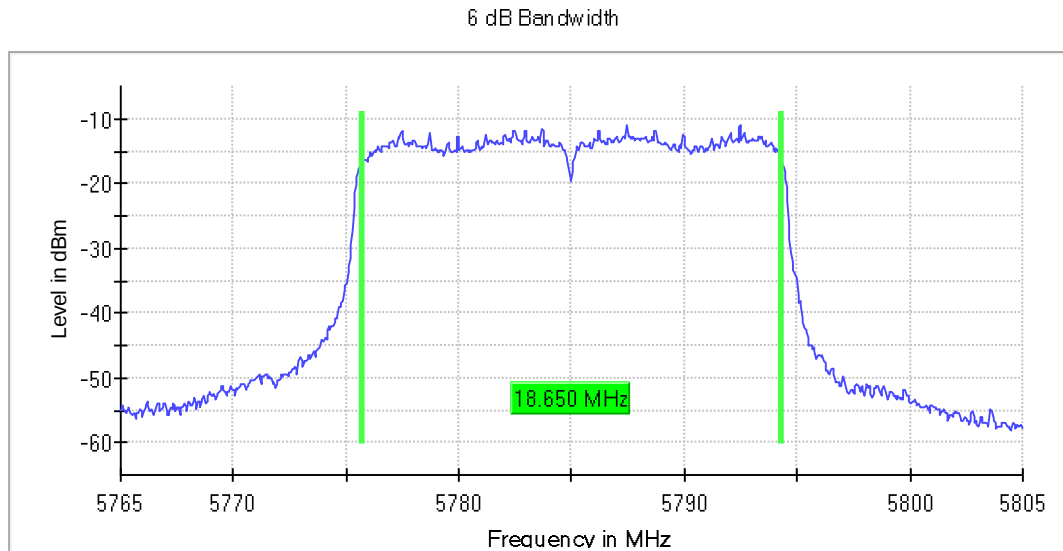
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5785.00000

Modulation = 802.11ax HE20 (OFDM MCS0) SU

Antenna Configuration = MIMO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3+2

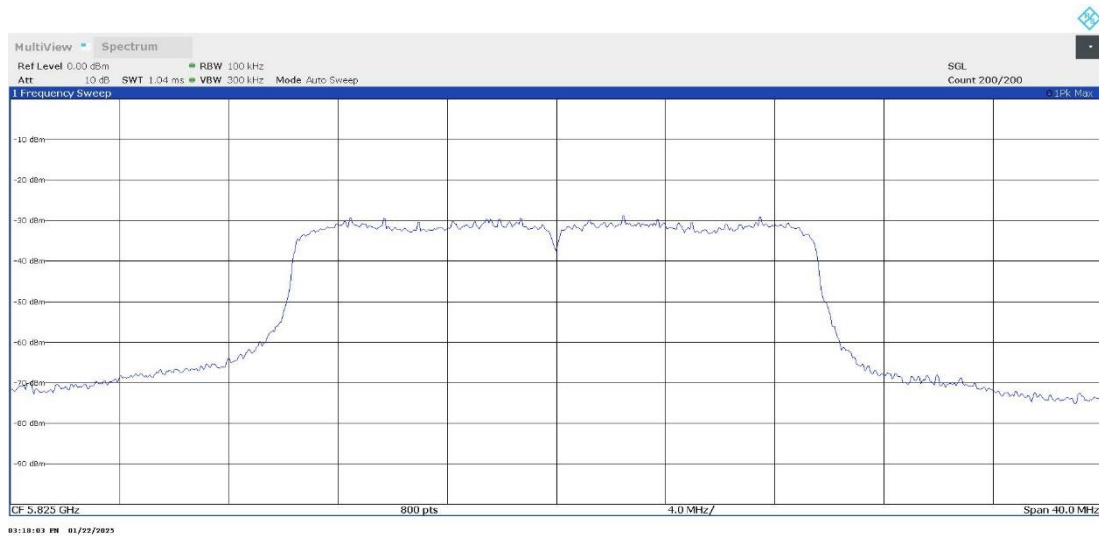
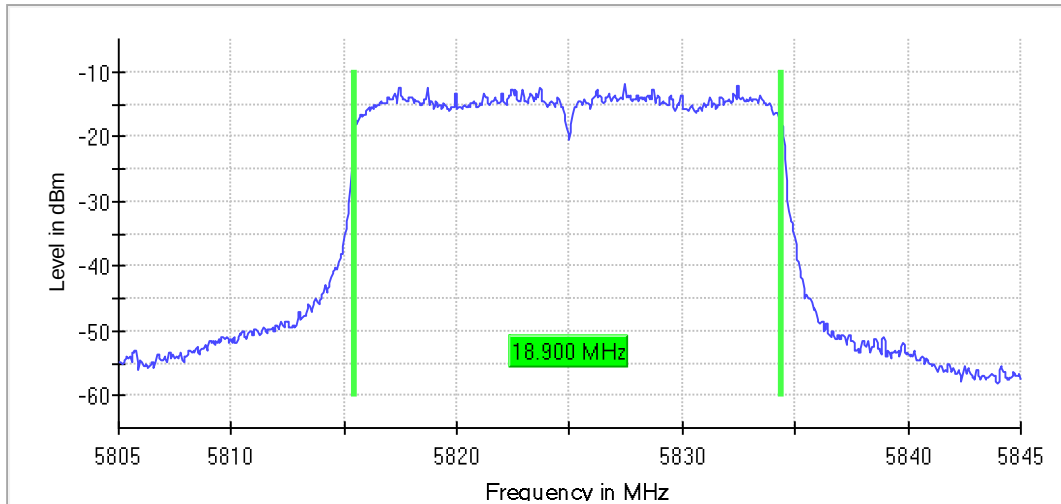
Frequency MHz = 5825.00000

Modulation = 802.11ax HE20 (OFDM MCS0) SU

Antenna Configuration = MIMO

Images:

6 dB Bandwidth



Modulation: 802.11ax HE20 (OFDM MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5745.00000	2.050
		5785.00000	2.150
		5825.00000	2.050

Verdict

Pass

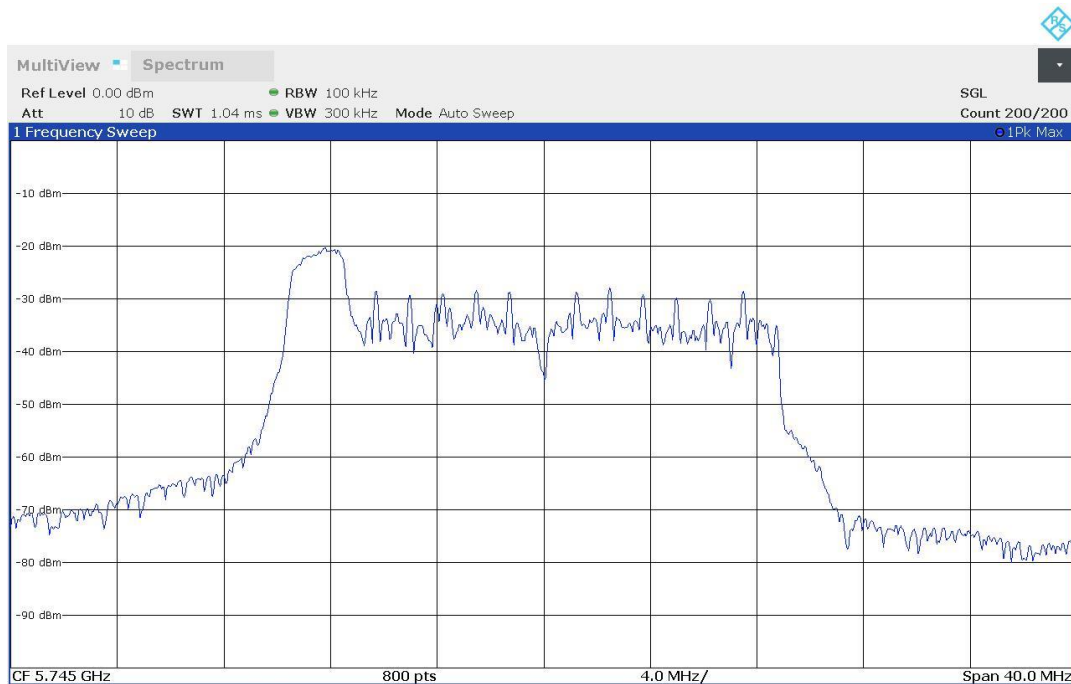
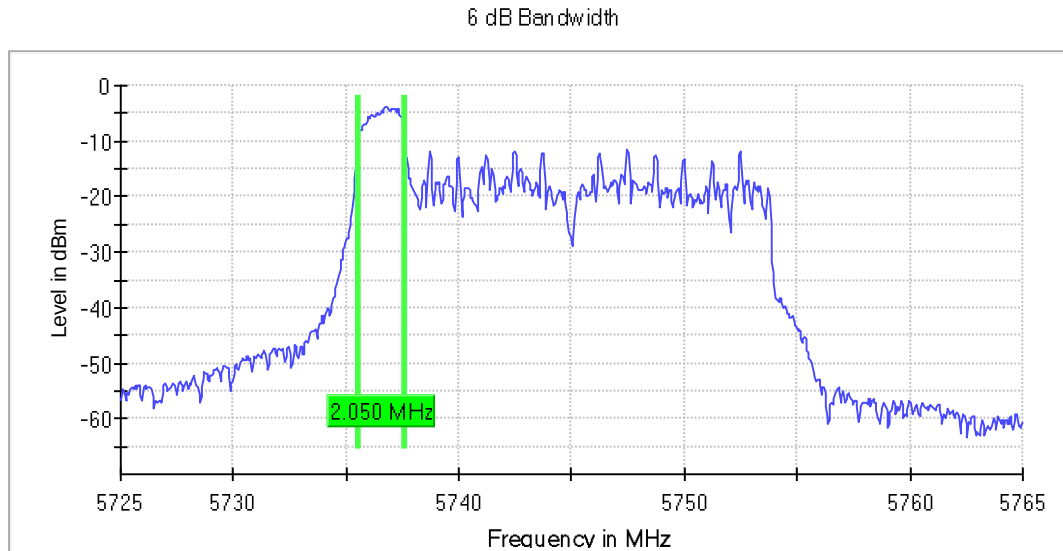
Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 (OFDM MCS0) RU26

Antenna Configuration = MIMO

Images:



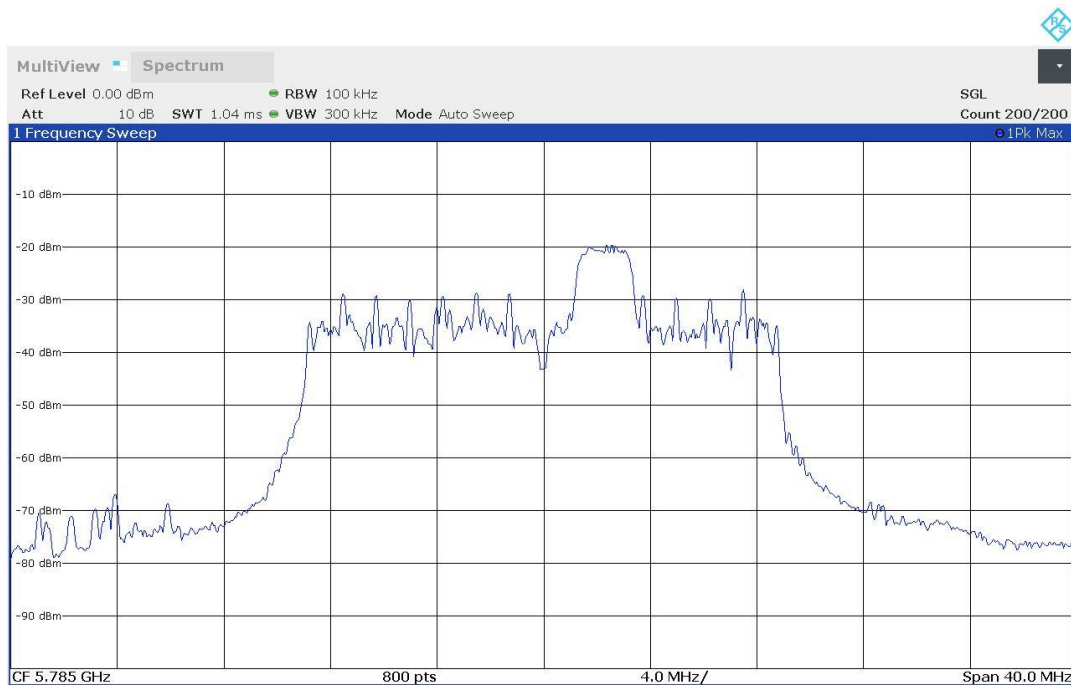
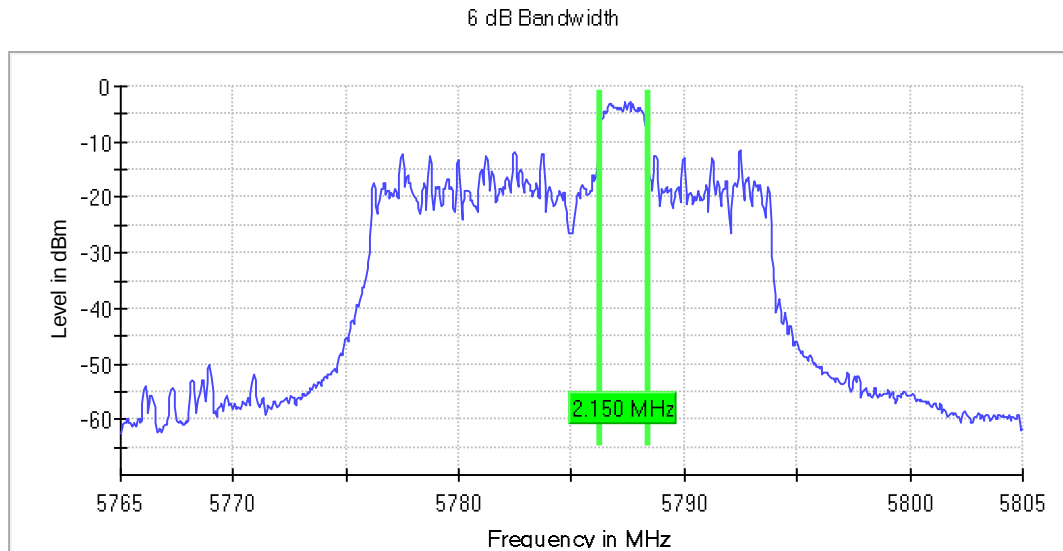
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5785.00000

Modulation = 802.11ax HE20 (OFDM MCS0) RU26

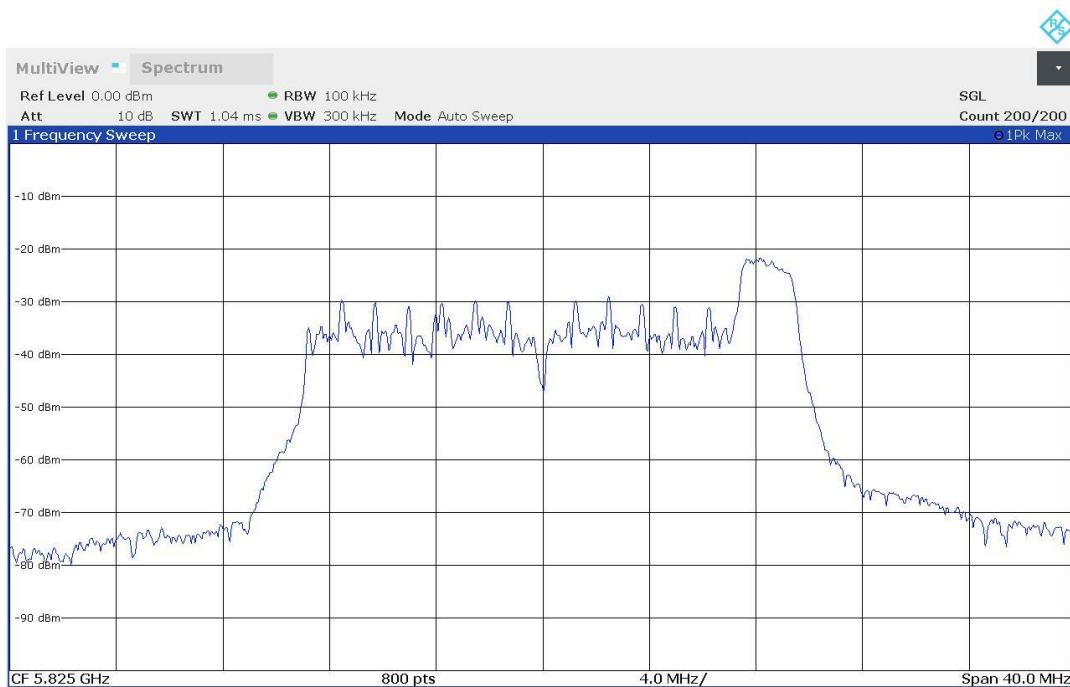
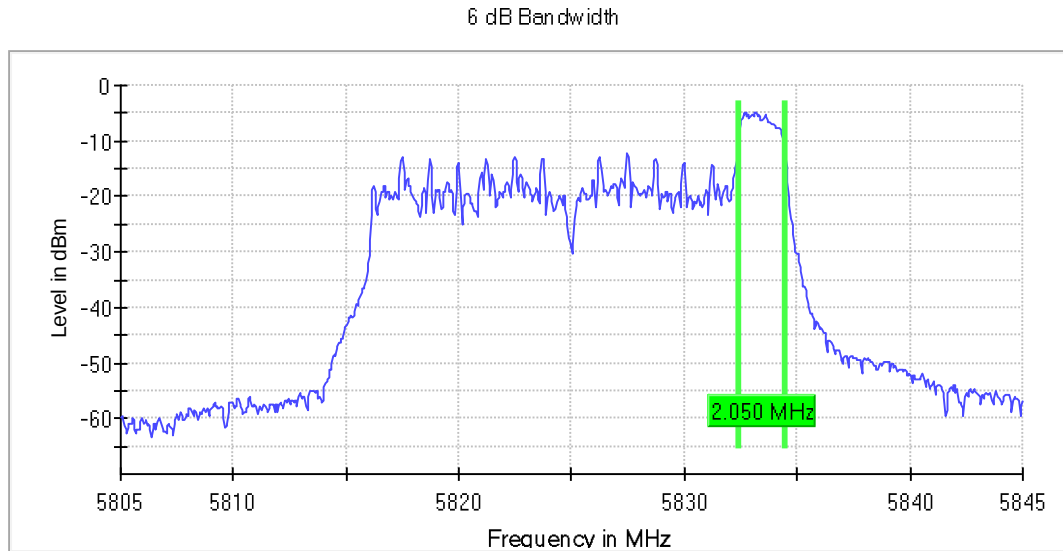
Antenna Configuration = MIMO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3+2
 Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 (OFDM MCS0) RU26
 Antenna Configuration = MIMO

Images:



Modulation: 802.11ax HE40 (OFDM MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5755.00000	37.350
		5795.00000	37.700

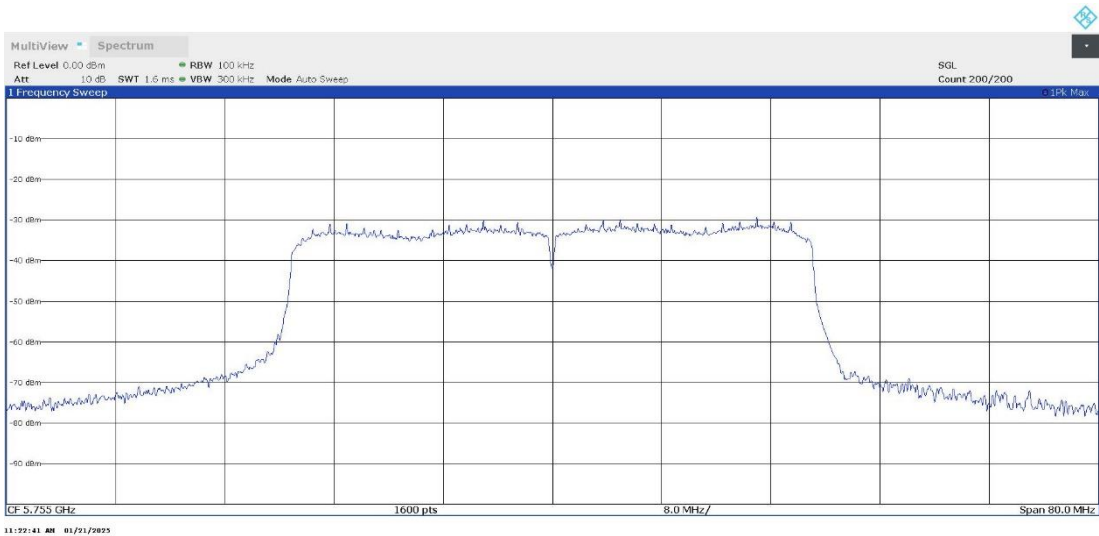
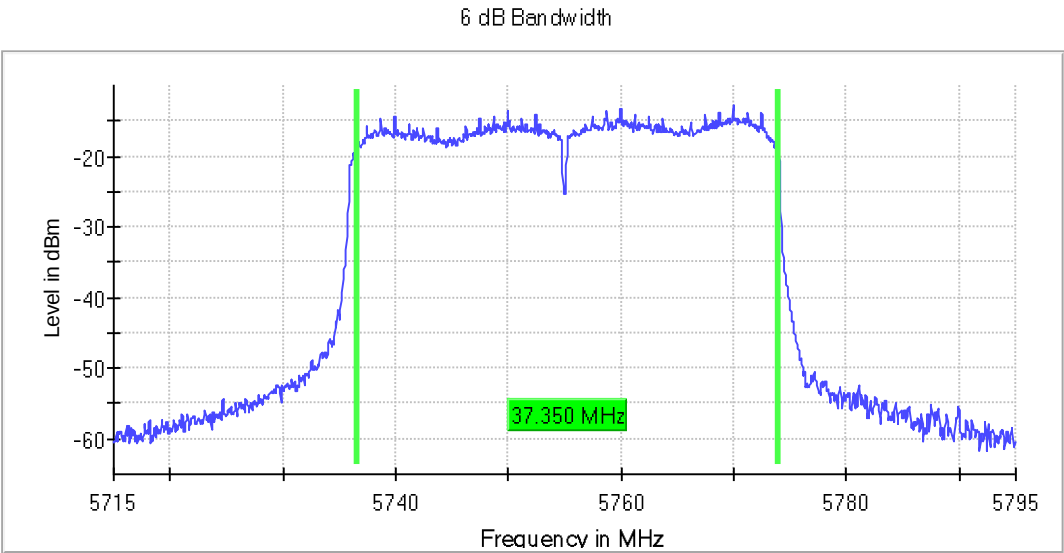
Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+2
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 (OFDM MCS0) SU
Antenna Configuration = MIMO

Images:



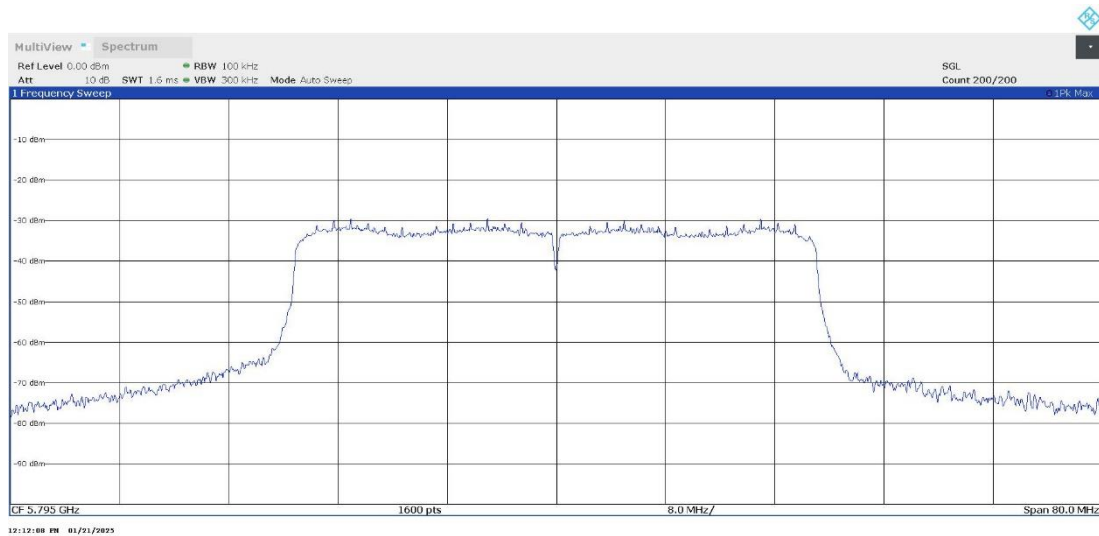
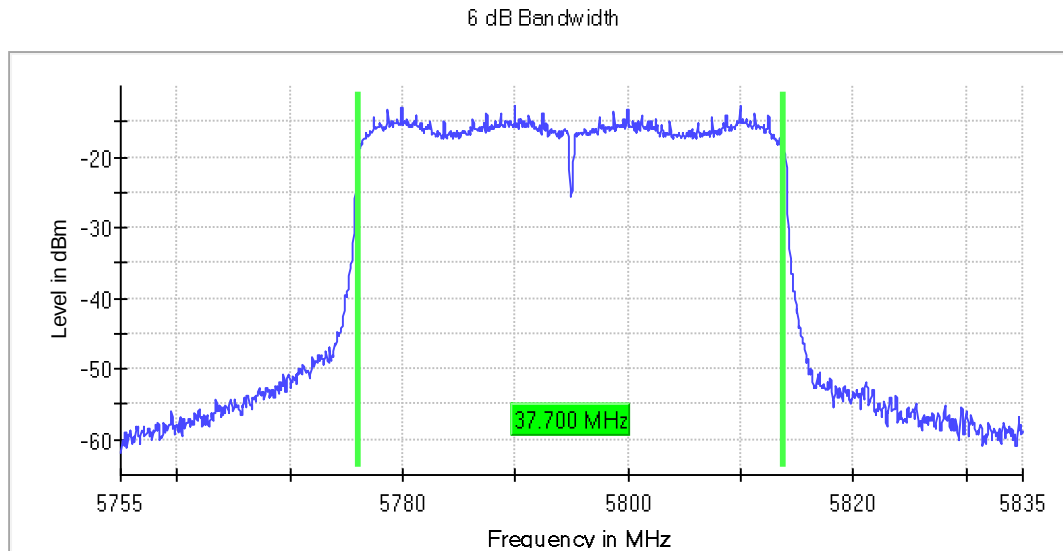
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5795.00000

Modulation = 802.11ax HE40 (OFDM MCS0) SU

Antenna Configuration = MIMO

Images:



Modulation: 802.11ax HE40 (OFDM MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5755.00000	2.100
		5795.00000	2.100

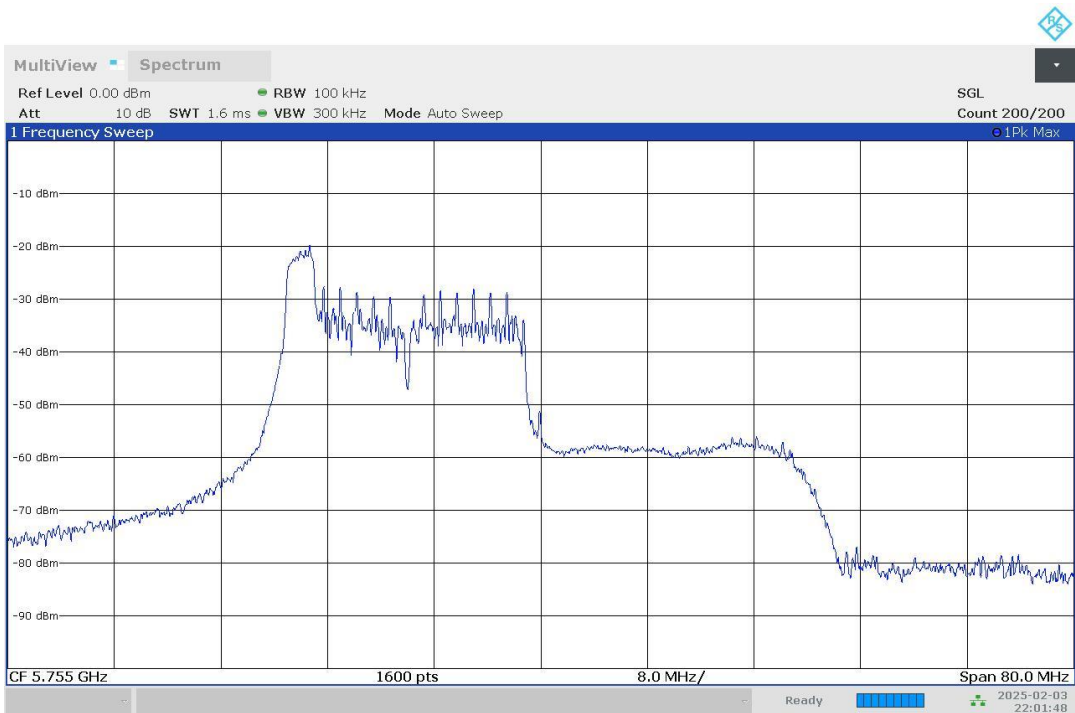
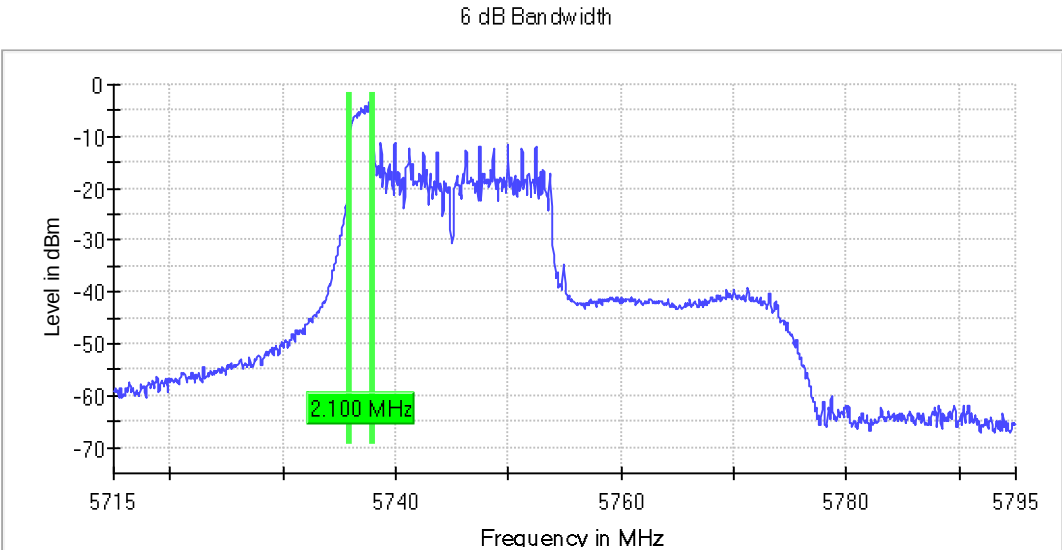
Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+2
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 (OFDM MCS0) RU26
Antenna Configuration = MIMO

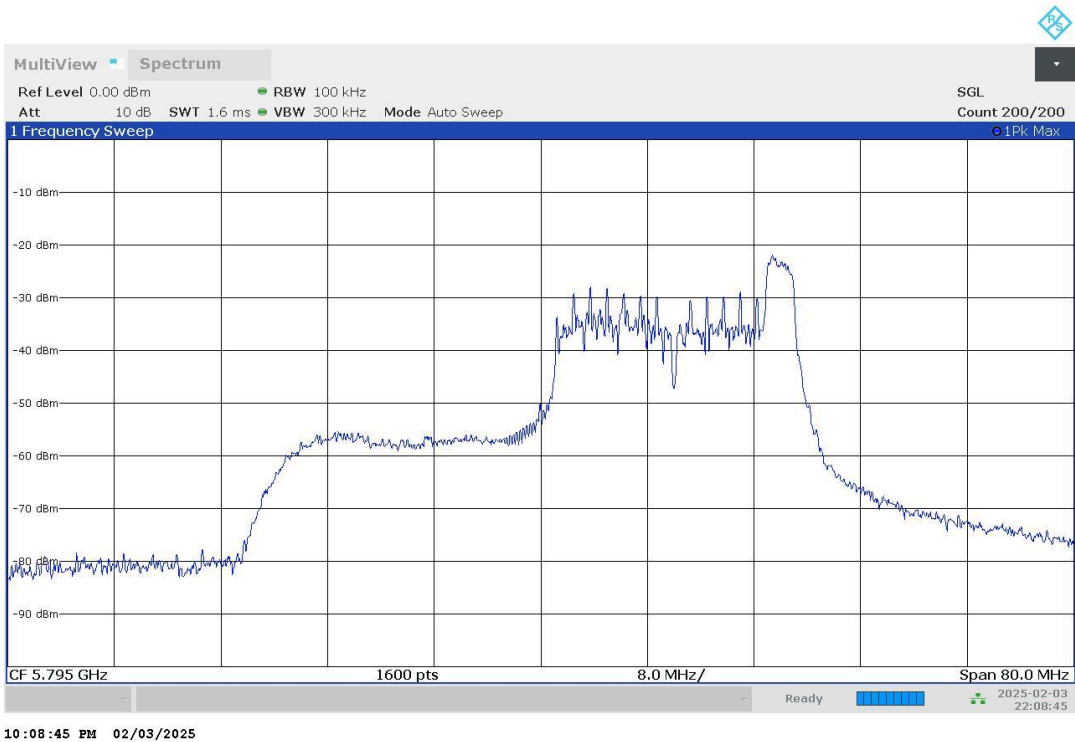
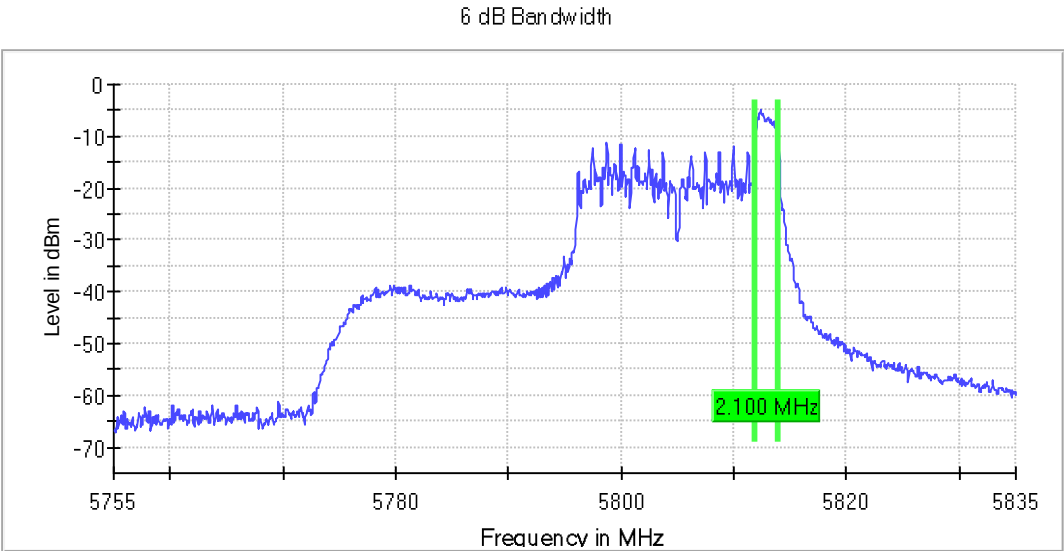
Images:



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Operation Band MHz = [5725, 5850] Active Port = 3+2
Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 (OFDM MCS0) RU26
Antenna Configuration = MIMO

Images:



Modulation: 802.11ax HE80 (OFDM MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5775.00000	78.100

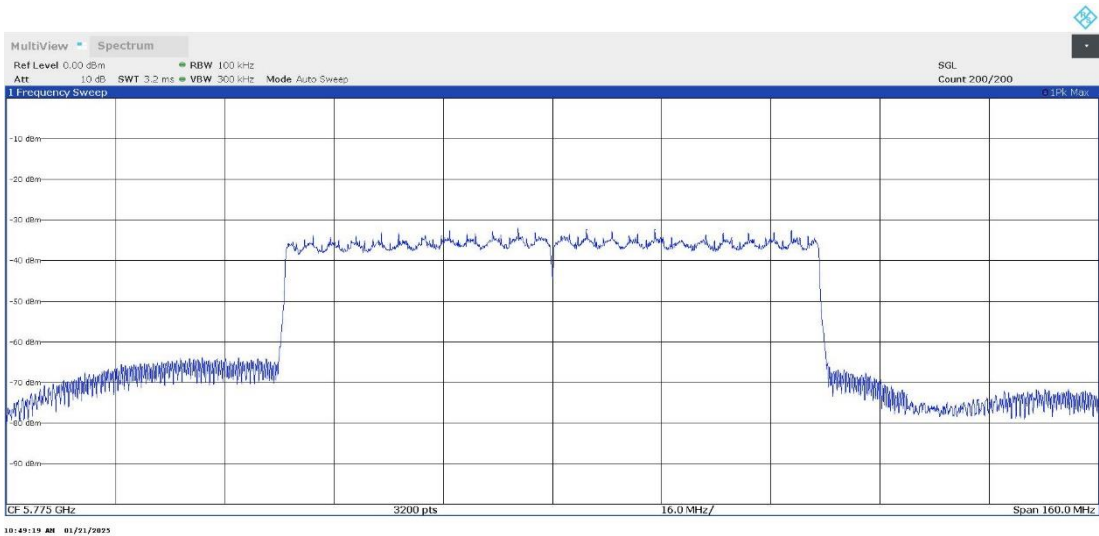
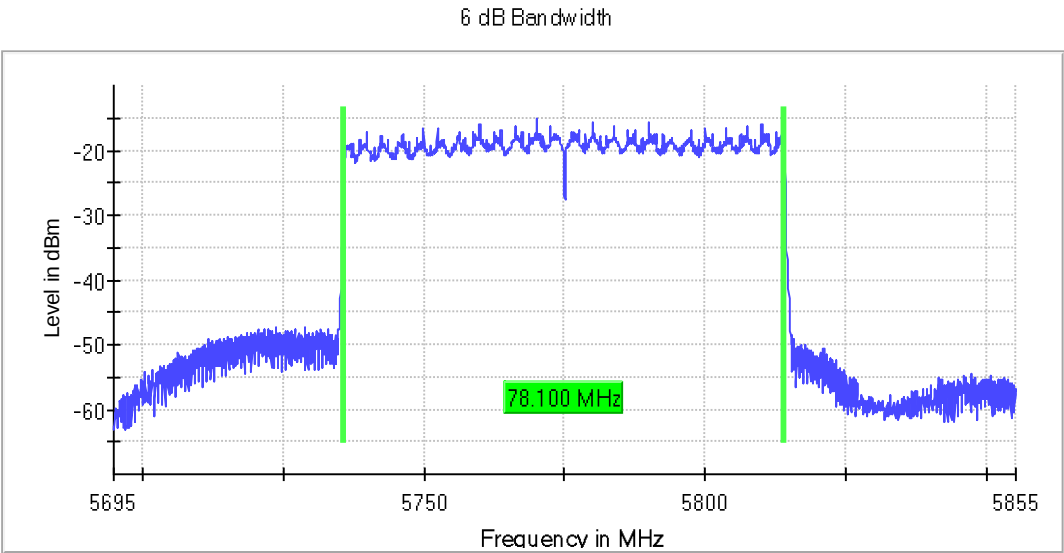
Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+2
Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 (OFDM MCS0) SU
Antenna Configuration = MIMO

Images:



Modulation: 802.11ax HE80 (OFDM MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	6dB Ebw (MHz)
[5725, 5850]	3+2	5775.00000	2.150

Verdict

Pass

Attachments

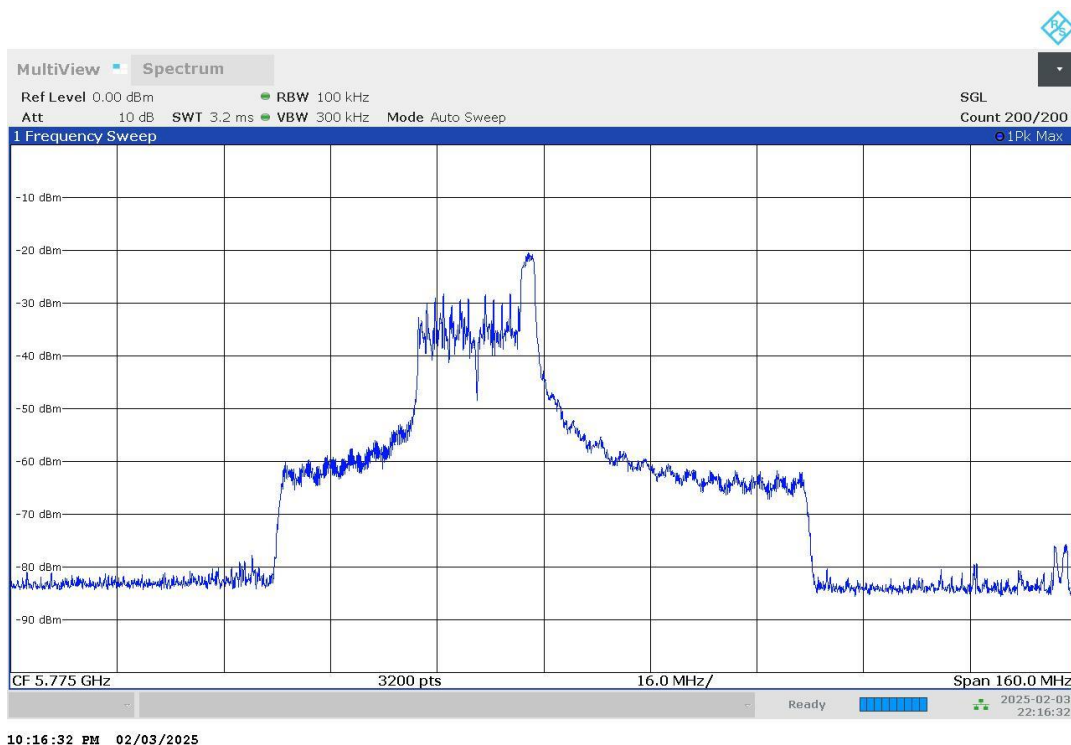
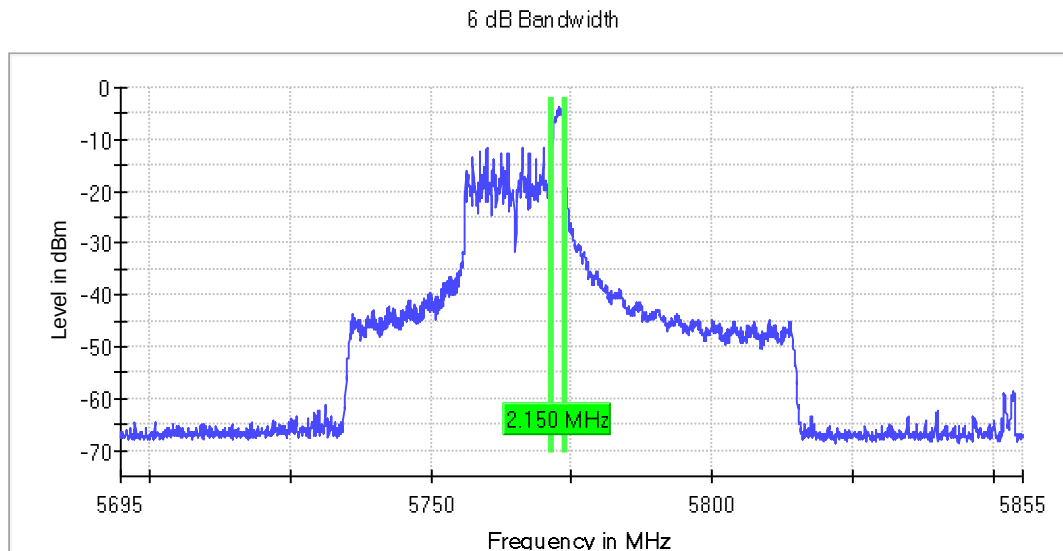
Operation Band MHz = [5725, 5850] Active Port = 3+2

Frequency MHz = 5775.00000

Modulation = 802.11ax HE80 (OFDM MCS0) RU26

Antenna Configuration = MIMO

Images:



FCC 15.407 (a) (3) Maximum Conducted output power UNII-3

Limits

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

Results

SISO (Port 3) (worst-case)

Modulation: 802.11a (OFDM 6 Mbit/s)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5745.00000	No	11.35	3.65
		5785.00000		10.36	2.66
		5825.00000		9.57	1.87

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

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5745.00000	No	11.35	3.65
		5785.00000		10.36	2.66
		5825.00000		9.58	1.88

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

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5755.00000	No	11.09	3.39
		5795.00000		10.49	2.79

Modulation: 802.11ac VHT20 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5745.00000	No	11.34	3.64
		5785.00000		10.37	2.67
		5825.00000		9.60	1.90

Modulation: 802.11ac VHT40 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5755.00000	No	11.11	3.41
		5795.00000		10.53	2.83

Modulation: 802.11ac VHT80 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5775.00000	No	10.96	3.26

Modulation: 802.11ax HE20 (OFDMA MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5745.00000	No	9.22	1.52
		5785.00000		9.18	1.48
		5825.00000		7.72	0.02

Modulation: 802.11ax HE20 (OFDMA MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5745.00000	No	9.13	1.43
		5785.00000		9.54	1.84
		5825.00000		7.76	0.06

Modulation: 802.11ax HE40 (OFDMA MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5755.00000	No	8.91	1.21
		5795.00000		8.84	1.14

Modulation: 802.11ax HE40 (OFDMA MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5755.00000	No	8.21	0.51
		5795.00000		6.63	-1.07

Modulation: 802.11ax HE80 (OFDMA MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5775.00000	No	9.00	1.30

Modulation: 802.11ax HE80 (OFDMA MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3	5775.00000	No	8.97	1.27

Verdict

Pass

MIMO (Port 3 + Port 2)

Modulation: 802.11a (OFDM 6 Mbit/s)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5745.00000	No	15.63	7.18
		5785.00000		15.87	7.42
		5825.00000		15.70	7.25

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

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5745.00000	No	15.66	7.21
		5785.00000		15.87	7.42
		5825.00000		15.74	7.29

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

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5755.00000	No	15.56	7.11
		5795.00000		15.49	7.04

Modulation: 802.11ac VHT20 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5745.00000	No	15.63	7.18
		5785.00000		15.85	7.40
		5825.00000		15.68	7.23

Modulation: 802.11ac VHT40 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5755.00000	No	15.54	7.09
		5795.00000		15.50	7.05

Modulation: 802.11ac VHT80 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5775.00000	No	15.62	7.17

Modulation: 802.11ax HE20 (OFDMA MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5745.00000	No	13.79	5.34
		5785.00000		14.26	5.81
		5825.00000		13.98	5.53

Modulation: 802.11ax HE20 (OFDMA MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5745.00000	No	13.57	5.12
		5785.00000		14.30	5.85
		5825.00000		13.35	4.90

Modulation: 802.11ax HE40 (OFDMA MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5755.00000	No	13.97	5.52
		5795.00000		13.98	5.53

Modulation: 802.11ax HE40 (OFDMA MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5755.00000	No	12.62	4.17
		5795.00000		12.34	3.89

Modulation: 802.11ax HE80 (OFDMA MCS0) SU

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5775.00000	No	14.01	5.56

Modulation: 802.11ax HE80 (OFDMA MCS0) RU26

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+2	5775.00000	No	14.30	5.85

Verdict

Pass

FCC 15.407 (a) (3) Transmitter Maximum Power Spectral Density UNII-3

Limits

FCC 15.407: The maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band.

Results

SISO (Port 3) (worst-case)

Modulation: 802.11a (OFDM 6 Mbit/s)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3	5745.00000	No	5747.574257	-11.04
		5785.00000		5787.772277	-11.76
		5825.00000		5817.277228	-12.26

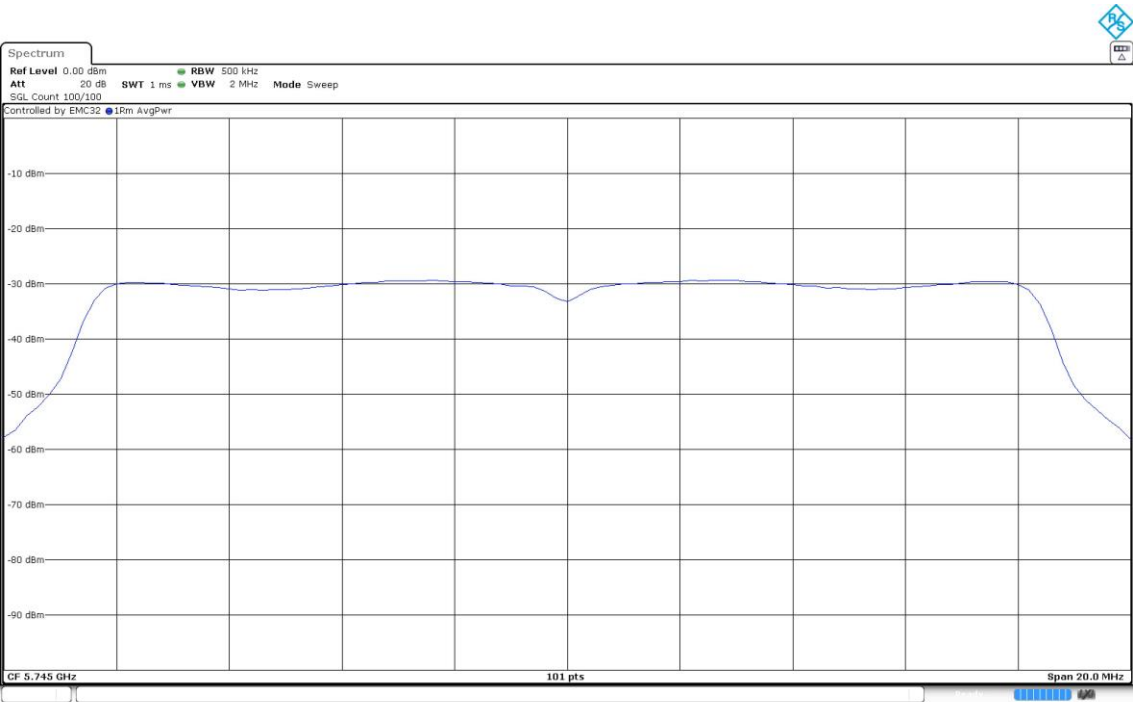
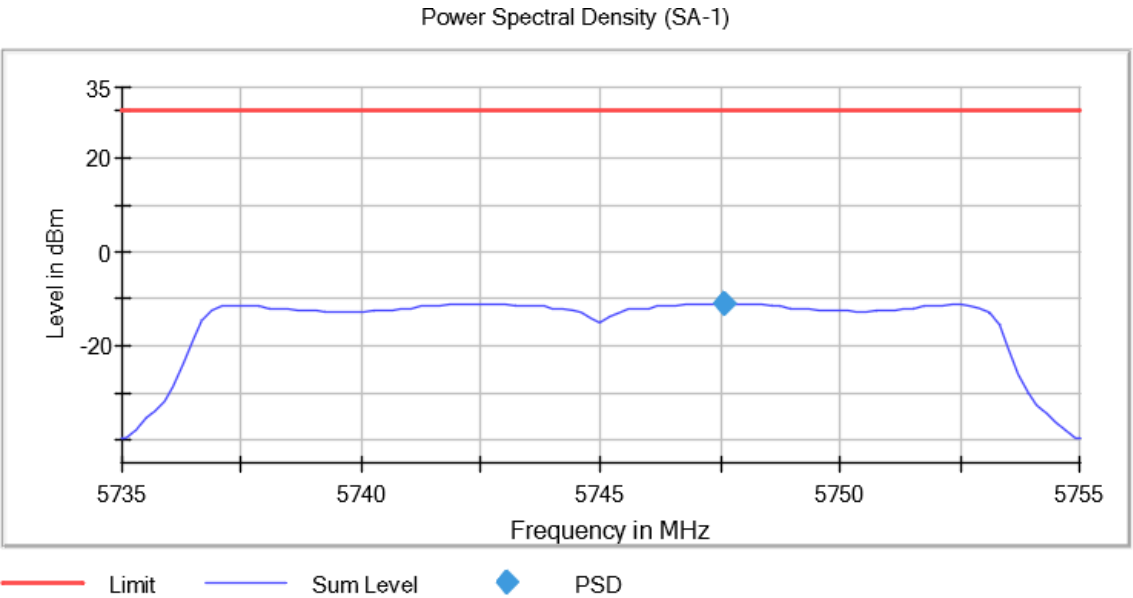
Verdict

Pass

Attachments

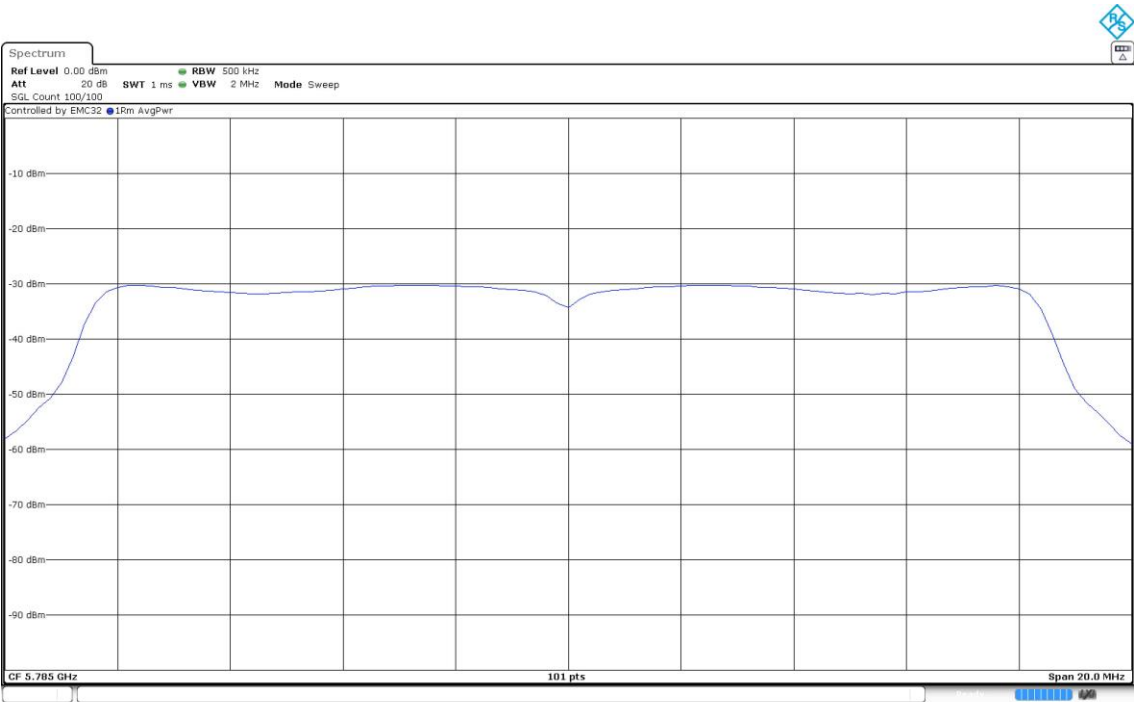
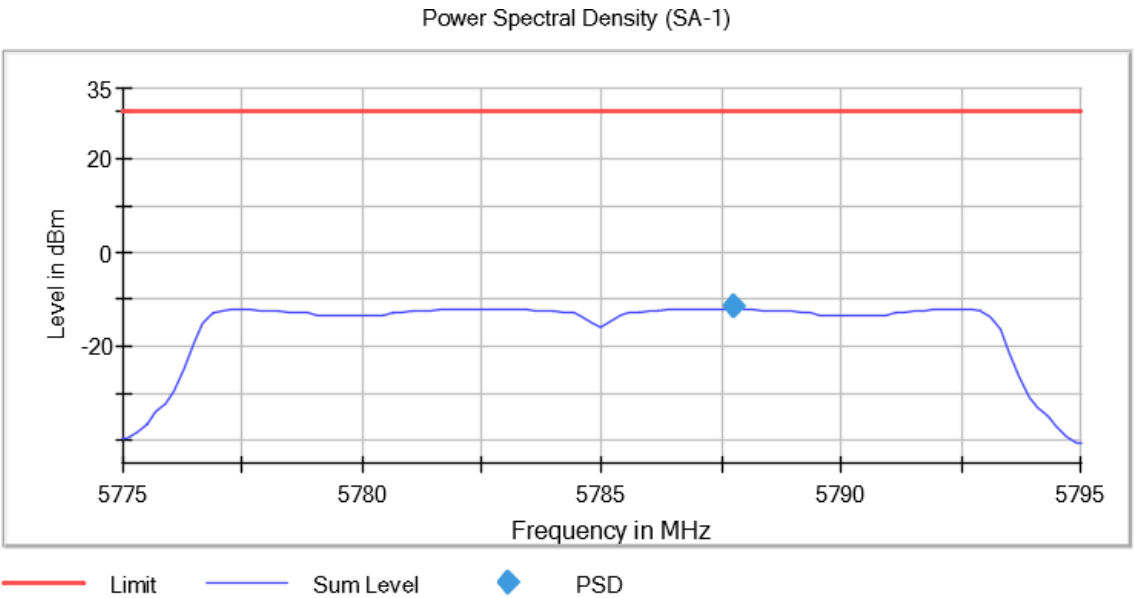
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No Antenna Configuration = SISO

Images:



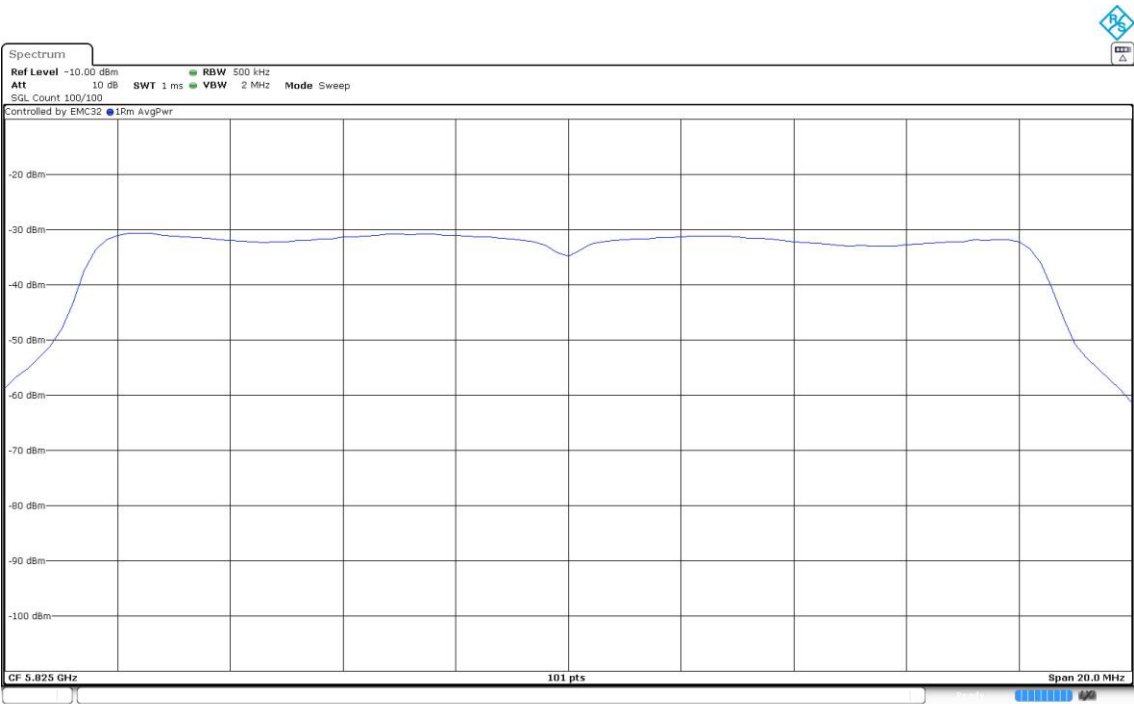
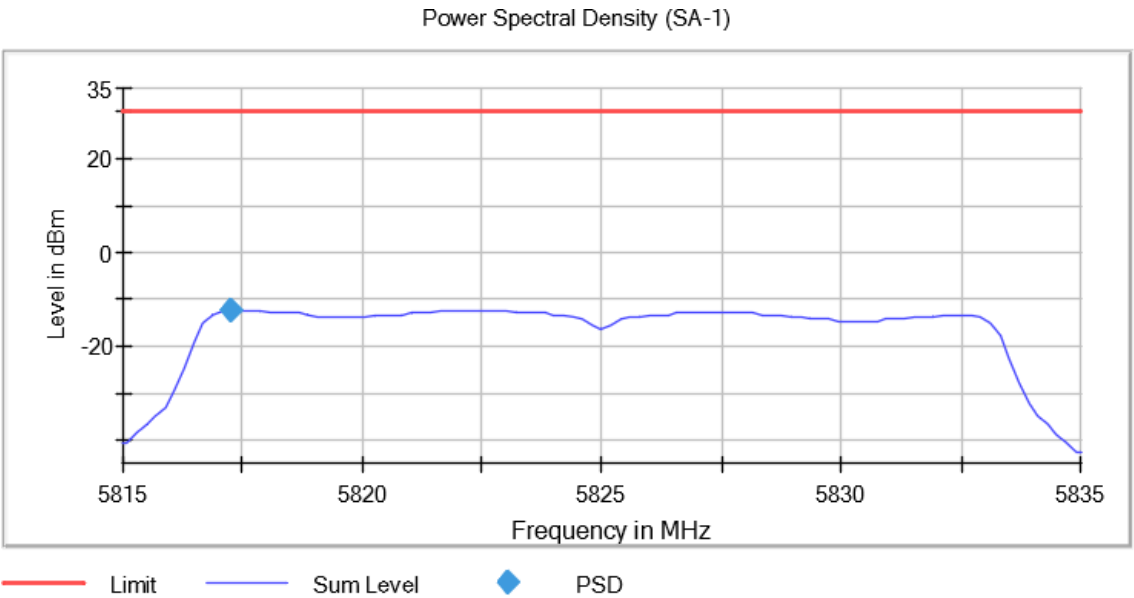
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5785.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No Antenna Configuration = SISO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No Antenna Configuration = SISO

Images:



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

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3	5745.00000	No	5747.376238	-11.31
		5785.00000		5782.425743	-12.00
		5825.00000		5817.277228	-12.46

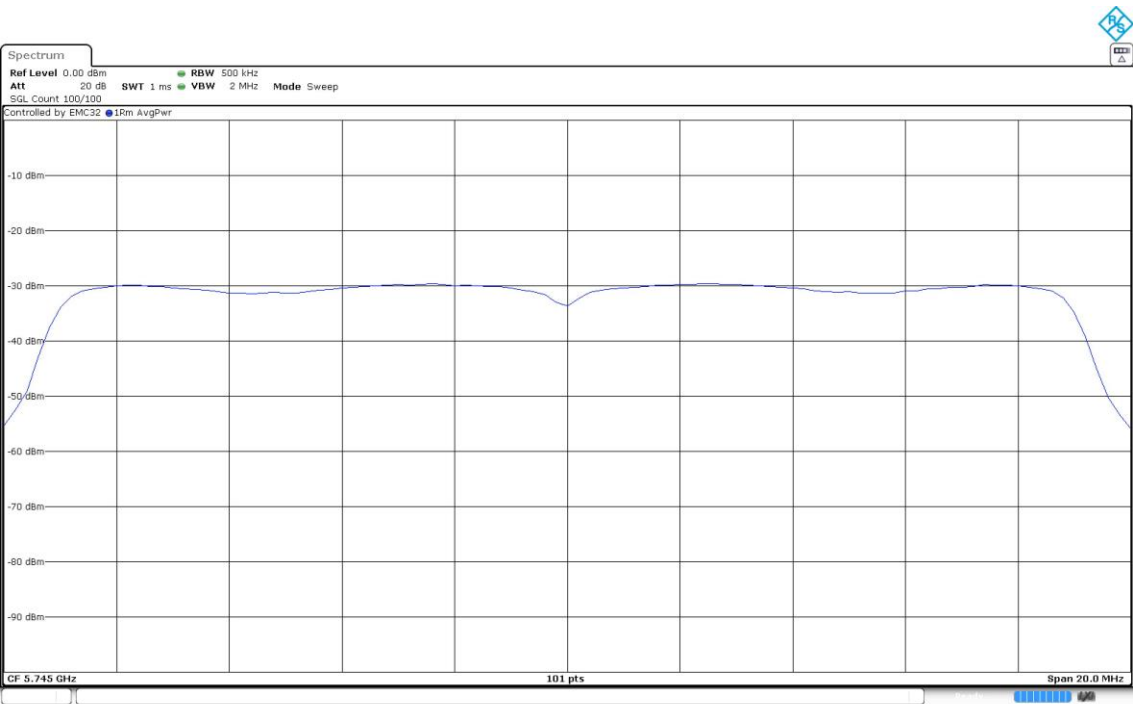
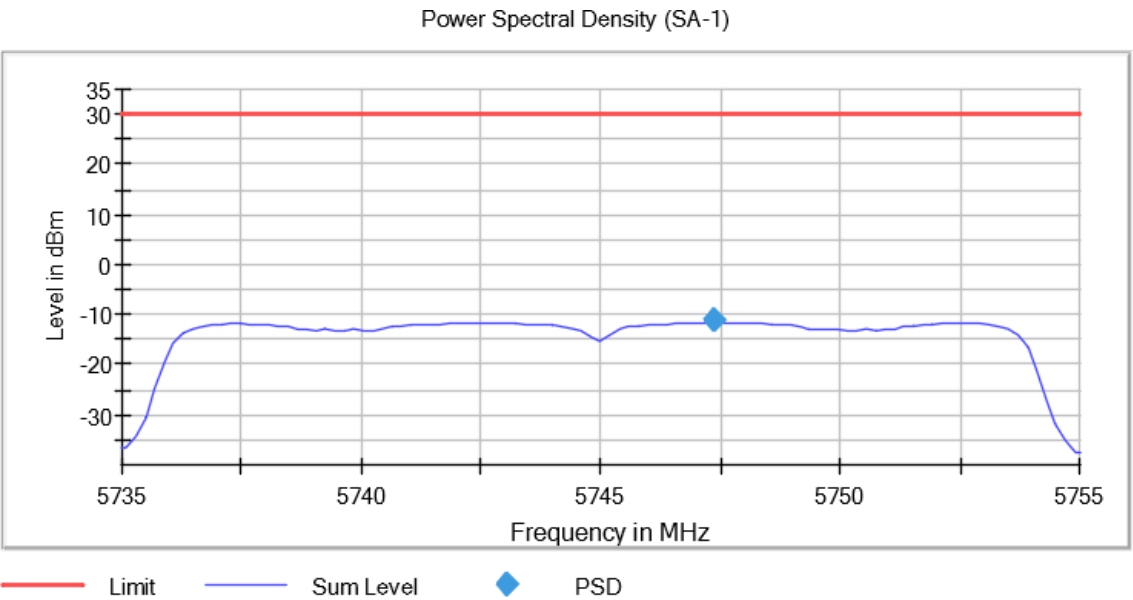
Verdict

Pass

Attachments

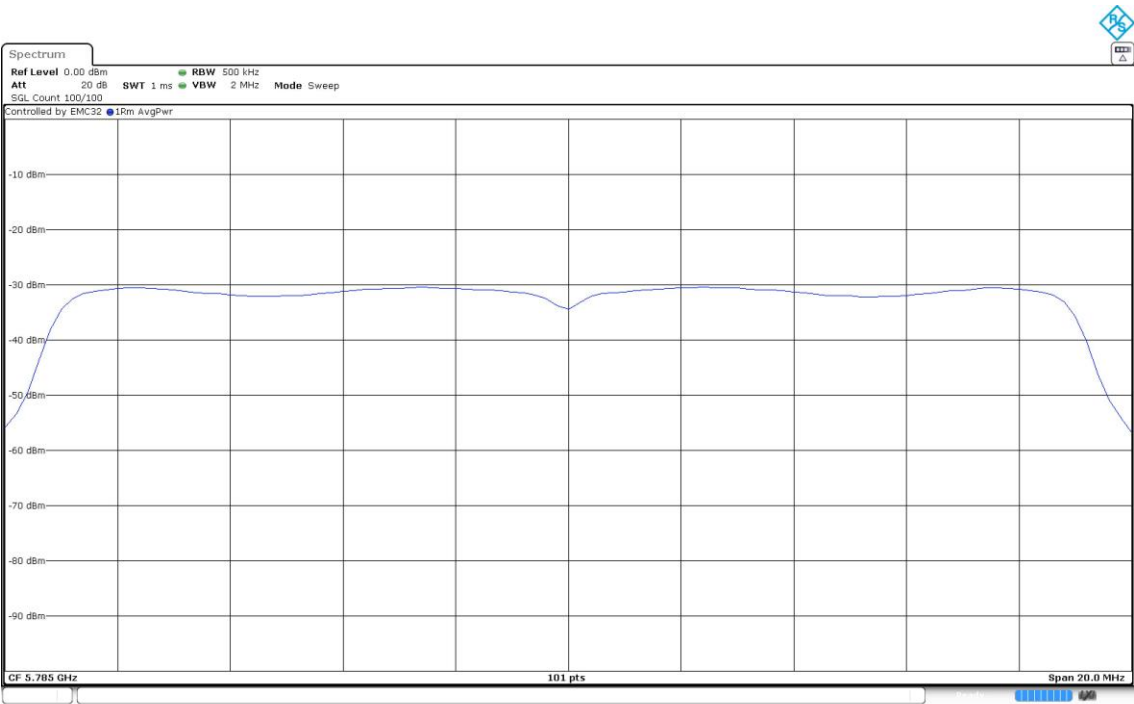
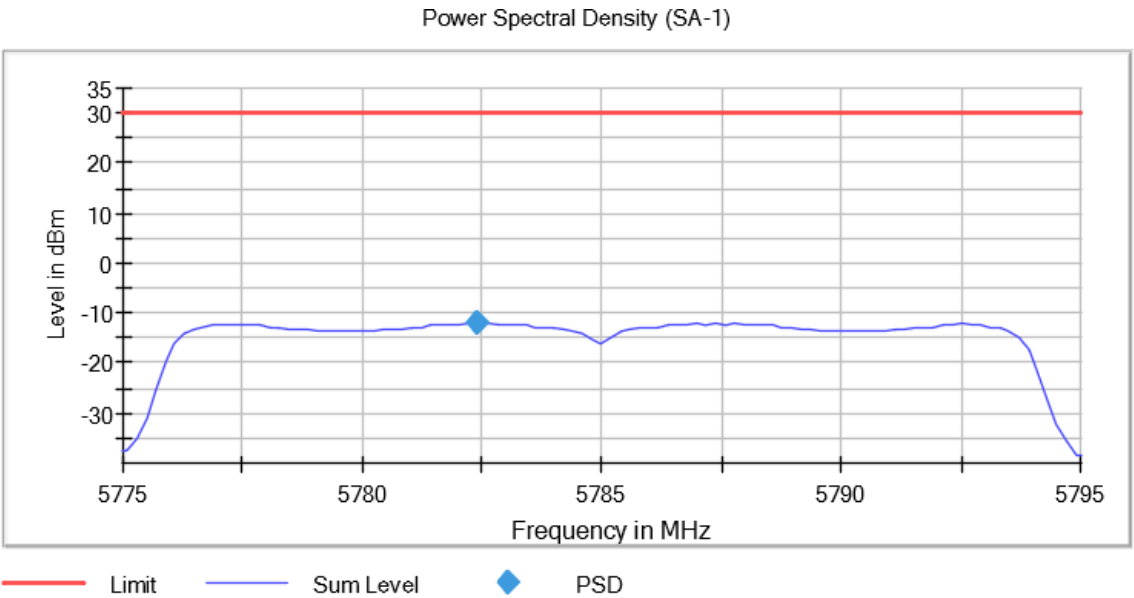
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5745.00000 Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)
TPC = No Antenna Configuration = SISO

Images:



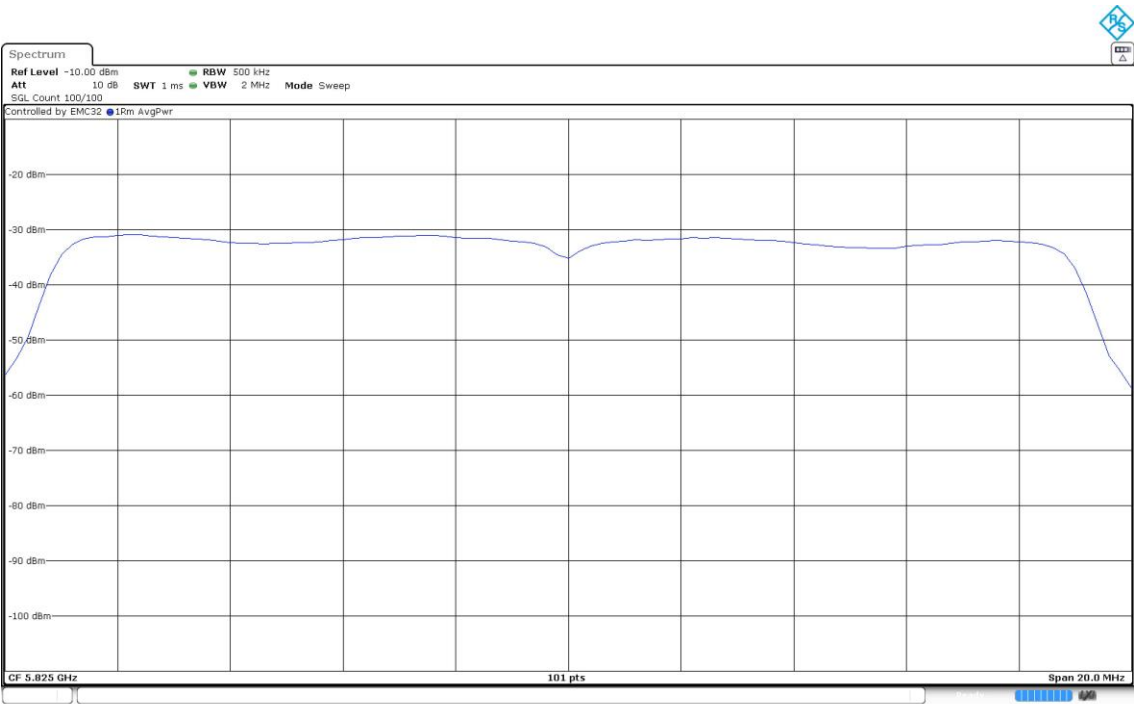
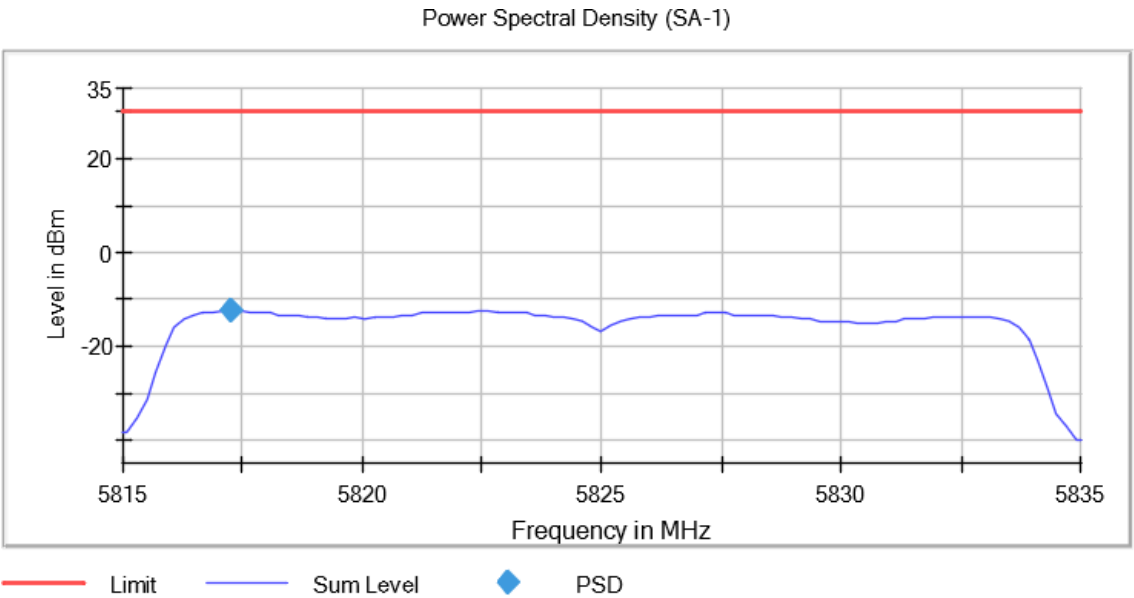
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5785.00000 Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)
TPC = No Antenna Configuration = SISO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5825.00000 Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)
TPC = No Antenna Configuration = SISO

Images:



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

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3	5755.00000	No	5751.125000	-14.45
		5795.00000		5801.125000	-14.74

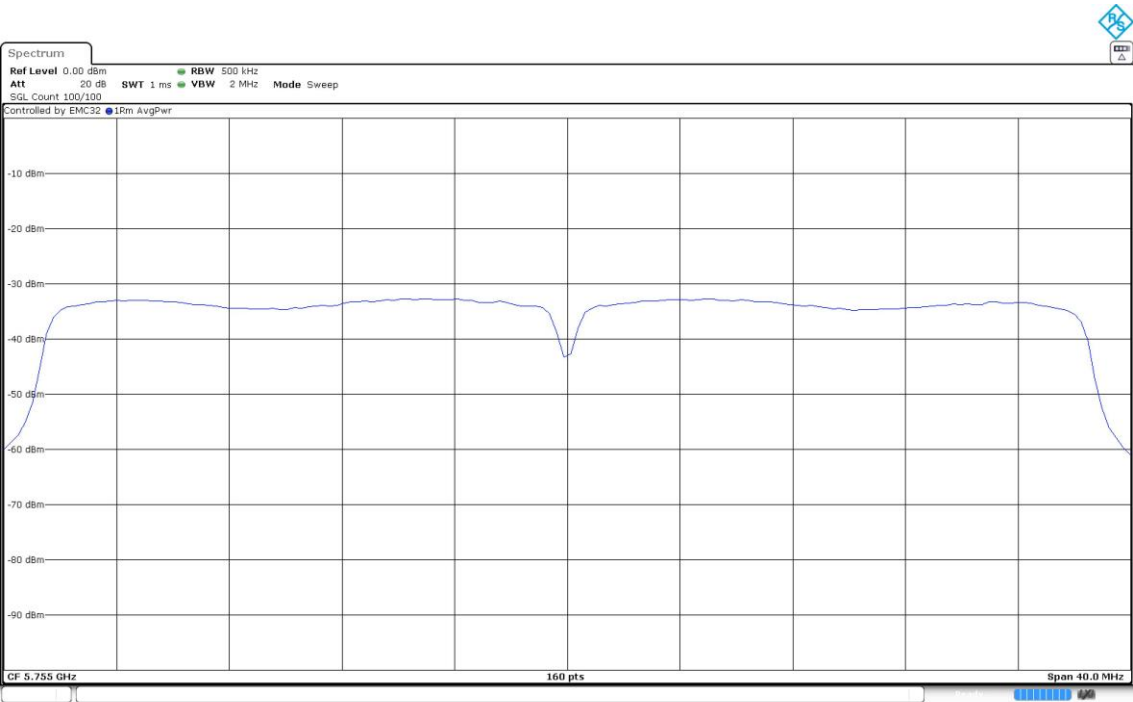
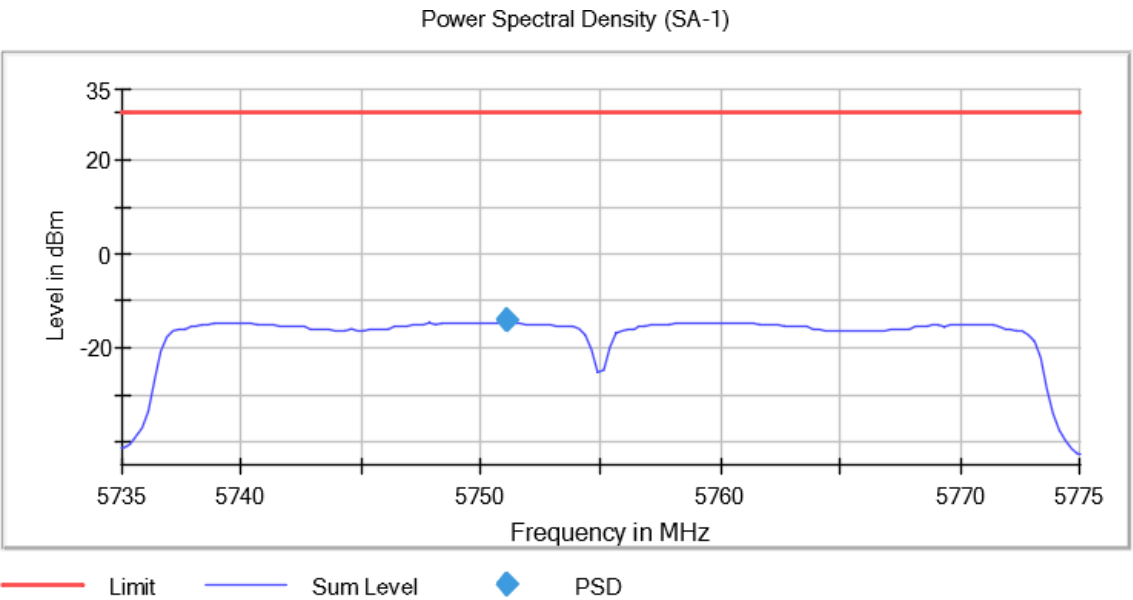
Verdict

Pass

Attachments

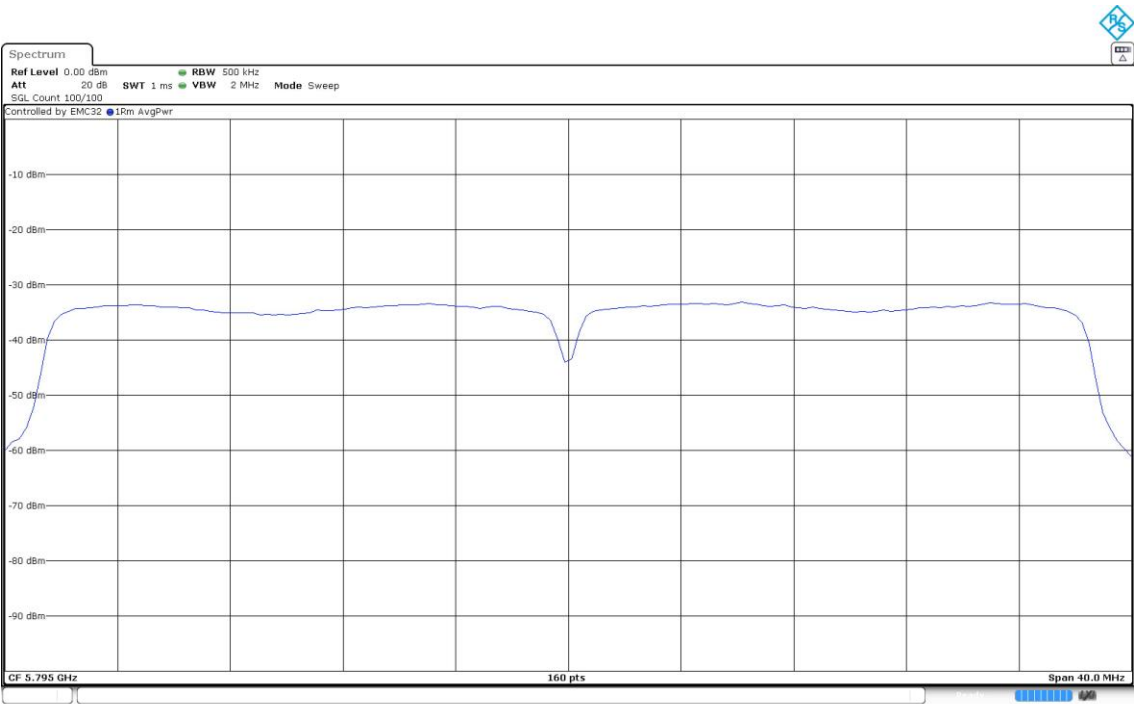
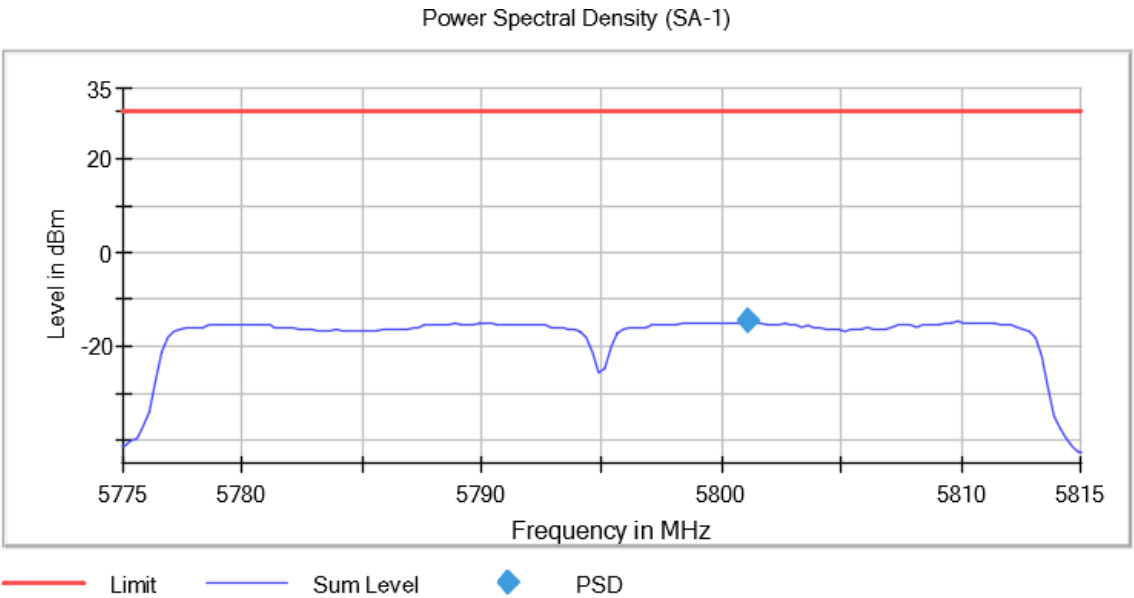
Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)
TPC = No Antenna Configuration = SISO

Images:



Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5795.00000 Modulation = 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)
TPC = No Antenna Configuration = SISO

Images:



Modulation: 802.11ac VHT20 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3	5745.00000	No	5747.178218	-11.35
		5785.00000		5787.574257	-12.07
		5825.00000		5817.277228	-12.46

Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3
Frequency MHz = 5745.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)
TPC = No Antenna Configuration = SISO

Images:

