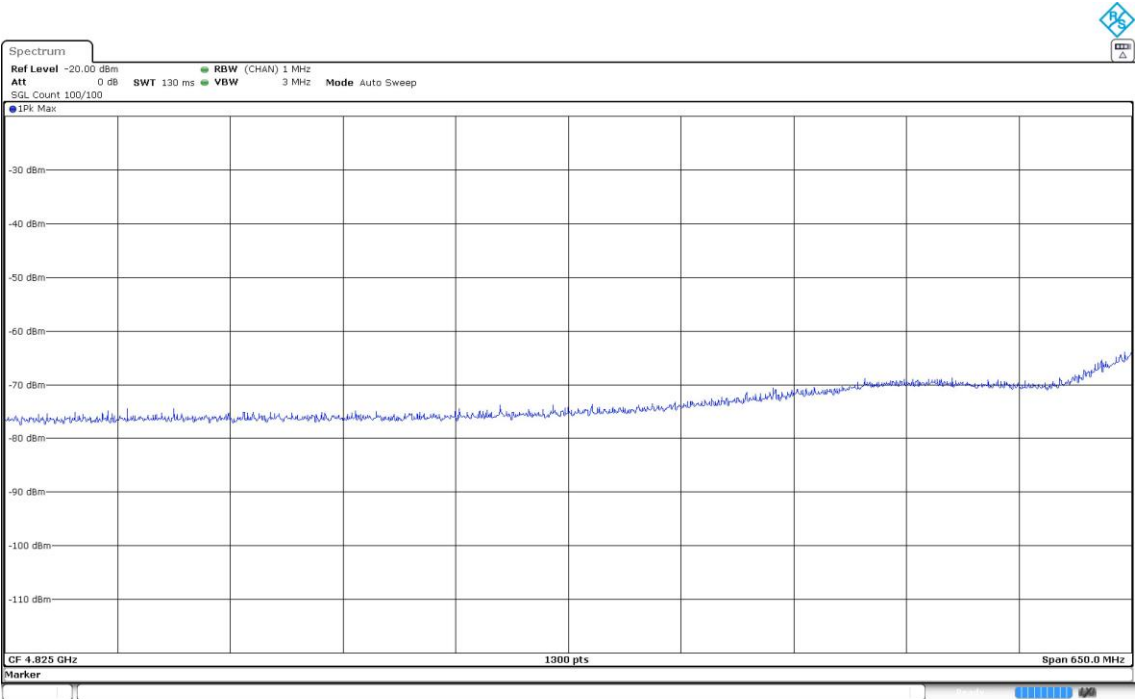
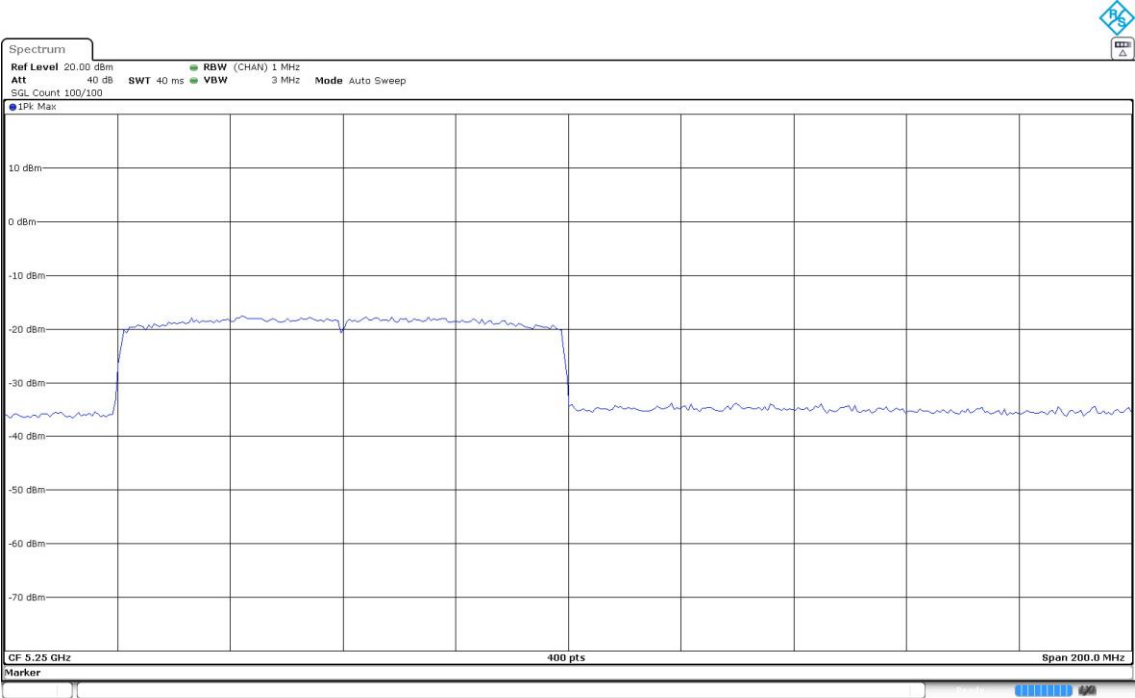
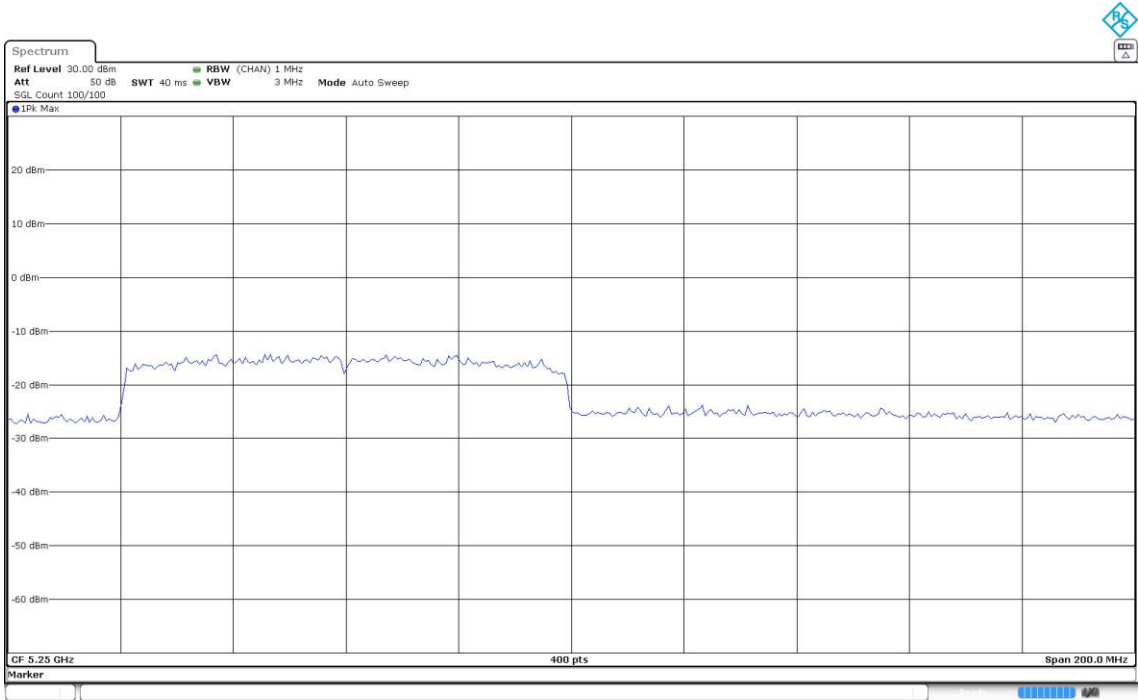




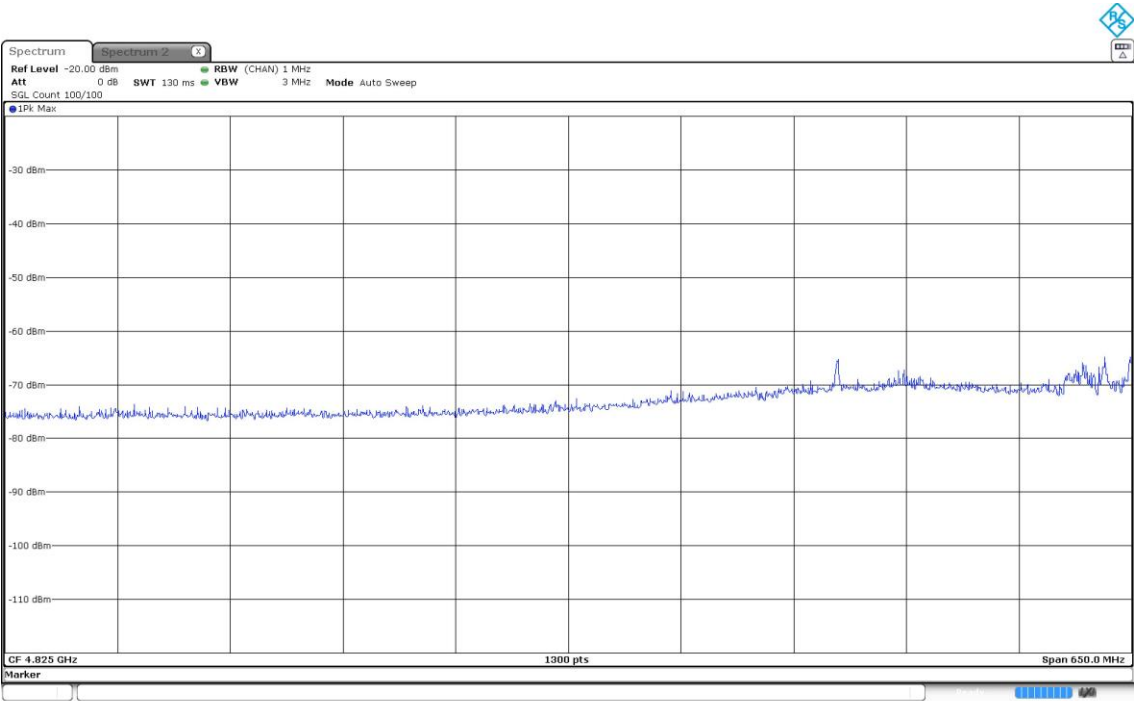
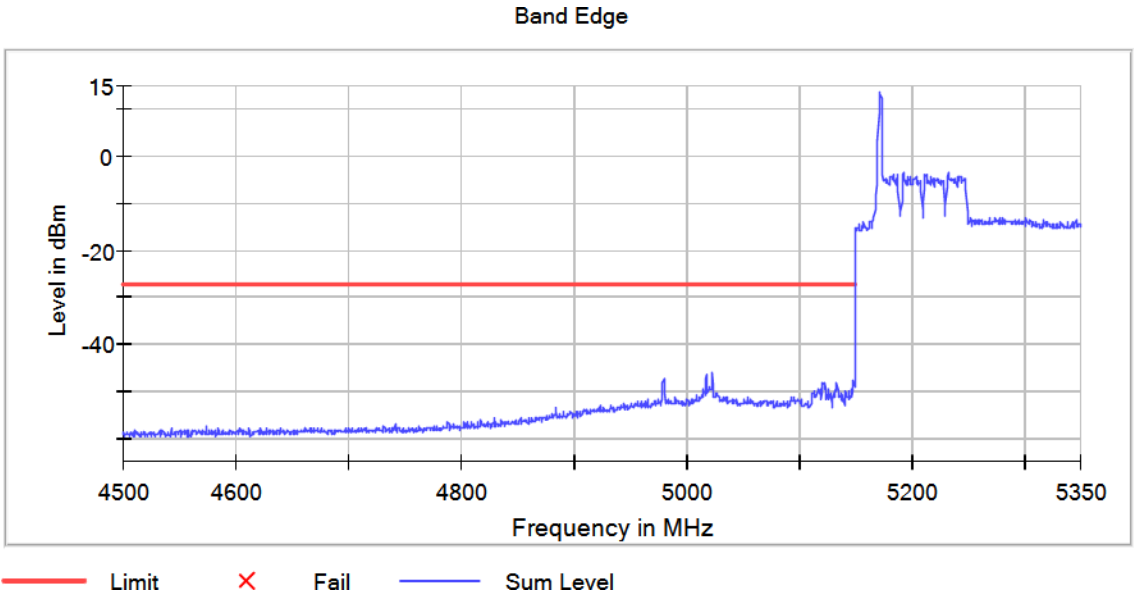


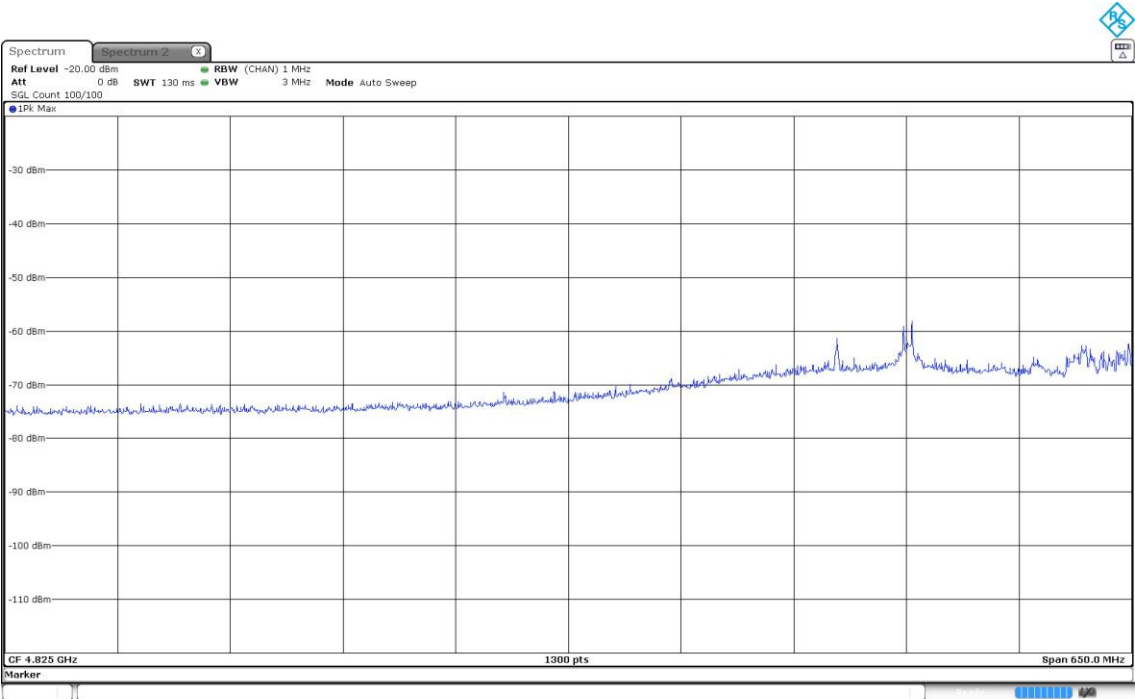
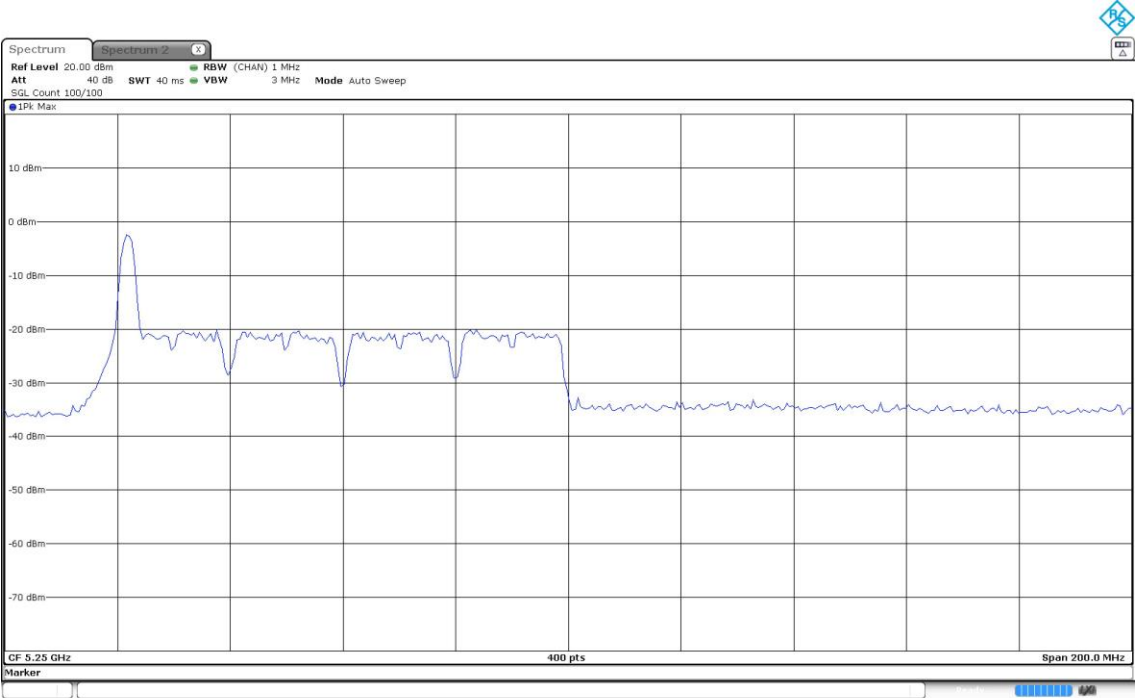
Tables:
Spectrum Analyzer Parameters

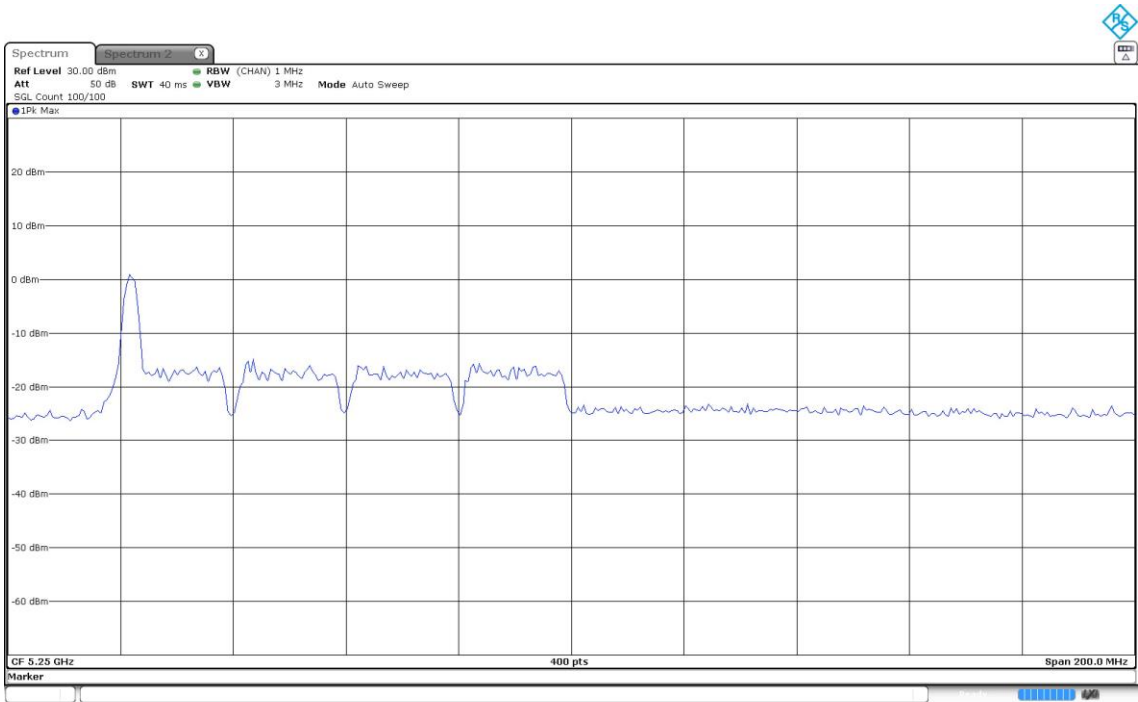
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5145.750000	-48.909	21.9	-27.000	PASS
5148.750000	-49.208	22.2	-27.000	PASS
5149.250000	-49.318	22.3	-27.000	PASS
5149.750000	-49.345	22.3	-27.000	PASS
5135.250000	-49.353	22.4	-27.000	PASS
5148.250000	-49.518	22.5	-27.000	PASS
5146.750000	-49.592	22.6	-27.000	PASS
5147.750000	-49.613	22.6	-27.000	PASS
5143.750000	-49.734	22.7	-27.000	PASS
5141.250000	-49.761	22.8	-27.000	PASS
5142.750000	-49.879	22.9	-27.000	PASS
5147.250000	-49.886	22.9	-27.000	PASS
5143.250000	-49.973	23.0	-27.000	PASS
5140.750000	-50.028	23.0	-27.000	PASS
5144.750000	-50.053	23.1	-27.000	PASS

Operation Band MHz = [5150, 5250] Active Port = 3+4
Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 (OFDMA MCS0)
Antenna configuration = MIMO CDD Mode 2x2 Subcarrier Mode = RU

Images:







Tables:
Spectrum Analyzer Parameters

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5023.250000	-46.284	19.3	-27.000	PASS
5022.750000	-46.513	19.5	-27.000	PASS
5018.250000	-46.582	19.6	-27.000	PASS
4979.750000	-47.236	20.2	-27.000	PASS
5017.750000	-47.556	20.6	-27.000	PASS
5018.750000	-47.658	20.7	-27.000	PASS
4980.250000	-47.900	20.9	-27.000	PASS
5148.750000	-47.916	20.9	-27.000	PASS
5148.250000	-47.974	21.0	-27.000	PASS
4980.750000	-48.145	21.1	-27.000	PASS
5134.250000	-48.265	21.3	-27.000	PASS
5123.250000	-48.277	21.3	-27.000	PASS
5121.250000	-48.339	21.3	-27.000	PASS
4979.250000	-48.379	21.4	-27.000	PASS
5147.750000	-48.674	21.7	-27.000	PASS

INDEX

TEST CONDITIONS309

 RSS-247 6.2.4.1 / FCC 15.407 (a) (3) [Avcp] Maximum Conducted output power UNII-3315

 RSS-247 6.2.4.1 / FCC 15.407 (a) (3) [Psd] Transmitter Maximum Power Spectral Density UNII-3318

 RSS-247 6.2.4.1 / FCC 15.407 (e) [6dBw] 6 dB Emission Bandwidth372

 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 band398

 RSS-247 6.2.4.2 / FCC 15.407 (b) (4) [Bndedge] Transmitter Band Edge Radiated Emissions for UNII-3427

TEST CONDITIONS

(*): Data provided by the client.

POWER SUPPLY (*):

Vnominal: 12 Vdc
Type of Power Supply: Vehicle battery

ANTENNA (*):

Type of Antenna: External

Directional Antenna Gain Calculations for CDD MIMO In-Band Measurements:

For 2Tx CDD MIMO modes, in accordance with KDB 662911 D01 v02r01 Section F)2)f)(ii) y F)2)e)ii), directional gain, directional gain was calculated as follows:

$$\begin{aligned}
 N_{SS} &= 1, N_{ANT} = 2, G_{ANT0} = 5.1, G_{ANT1} = 5.1 \\
 \text{Directional Gain} &= 10 \log \left[\frac{\sum_{j=1}^{N_{SS}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right] = 10 \log \left[\frac{\sum_{j=1}^1 \left(\sum_{k=1}^2 g_{j,k} \right)^2}{2} \right] \\
 &= 10 \log \left[\frac{(g_{1,1} + g_{1,2})^2}{2} \right] = 10 \log \left[\frac{(10^{\frac{5.1}{20}} + 10^{\frac{5.1}{20}})^2}{2} \right] = 10 \log \left[\frac{(10^{\frac{5.1}{20}} + 10^{\frac{5.1}{20}})^2}{2} \right] = 8.11 \text{ dBi}
 \end{aligned}$$

POWER ADJUSTMENT (*): 9 dBm

TEST FREQUENCIES (*):

Technology Tested:	WLAN (IEEE 802.11 a,n,ac,ax) 2x2 / U-NII-3	
	802.11 n HT20: MCS0 to MCS23 (MIMO 2x2)	
	802.11 n HT40: MCS0 to MCS23 (MIMO 2x2)	
	802.11 ac VHT20: MCS0 to MCS9 (MIMO 2x2)	
	802.11 ac VHT40: MCS0 to MCS9 (MIMO 2x2)	
	802.11 ac VHT80: MCS0 to MCS9 (MIMO 2x2)	
	802.11 ax HE20: MCS0 to MCS11 (MIMO 2x2) – SU/RU	
	802.11 ax HE40: MCS0 to MCS11 (MIMO 2x2) – SU/RU	
	802.11 ax HE80: MCS0 to MCS11 (MIMO 2x2) – SU/RU	
Setting of cores / ports:	3+4	
Beamforming:	No.	
	5725 MHz to 5850 MHz	
Power Settings:	13 dBm	
Operating Channel Bandwidth:	20 MHz	
Transmission Channels:	Channel	Channel Frequency (MHz)
	Low (149)	5745
	Middle (157)	5785
	High (165)	5825
Operating Channel Bandwidth:	40 MHz	
Transmission Channels:	Channel	Channel Frequency (MHz)
	Low (151)	5755
	High (159)	5795
Operating Channel Bandwidth:	80 MHz	
Transmission Channels:	Single (155)	5775

* The EUT does not support the Middle Channel of 802.11ax HE20 (OFDMA MCS0) SU modulation.

The test set-up was made in accordance to the general provisions of FCC Unlicensed National Information Infrastructure (U-NII) Devices 789033 D02 General U-NII Test Procedures New Rules v02r01 dated Dec 14, 2017.

The EUT was tested in the following operating mode:

- Continuously transmitting with a modulated carrier at maximum power in all required channels using the supported data rates/modulations types.

The field strength at the band edges was evaluated for each mode on the lowest and highest channels at the rated power for the channel under test.

For all modes, the EUT was configured in test mode using a software application. The application was used to enable a continuous transmission and to select the test channels as required. The client supplied instructions to configure the EUT. The customer supplied a document containing the setup instructions.

The worst cases for testing were identified for output power and spurious levels at the band edges which were selected based on preliminary testing that correspond to next data rates:

- 802.11 n HT20: MCS0
- 802.11 n HT40: MCS0
- 802.11 ac VHT20: MCS0
- 802.11 ac VHT40: MCS0
- 802.11 ac VHT80: MCS0
- 802.11 ax HE20: MCS0
- 802.11 ax HE40: MCS0
- 802.11 ax HE80: MCS0

CONDUCTED MEASUREMENTS:

The equipment under test was set up in a shielded room and it is connected to the TS8997 using a low loss RF cable. The reading of the spectrum analyser is corrected taking into account the cable loss.



RADIATED MEASUREMENTS:

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna (Bilog antenna for the range between 30 MHz to 1000 MHz and 1 GHz-17 GHz Double ridge horn antenna) is situated at a distance of 3 m and at a distance of 1.5 m for the frequency range 17 GHz-26 GHz (17 GHz-40 GHz horn antenna).

For radiated emissions in the range 17 GHz-26 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

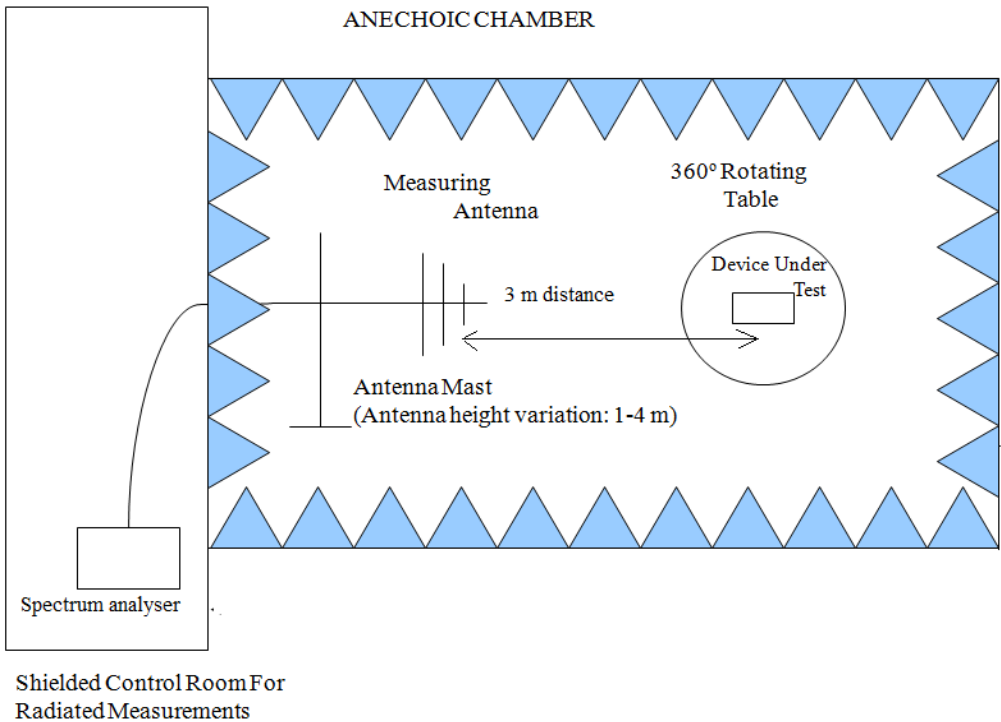
The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height (Bilog antenna and Double ridge horn antenna) was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

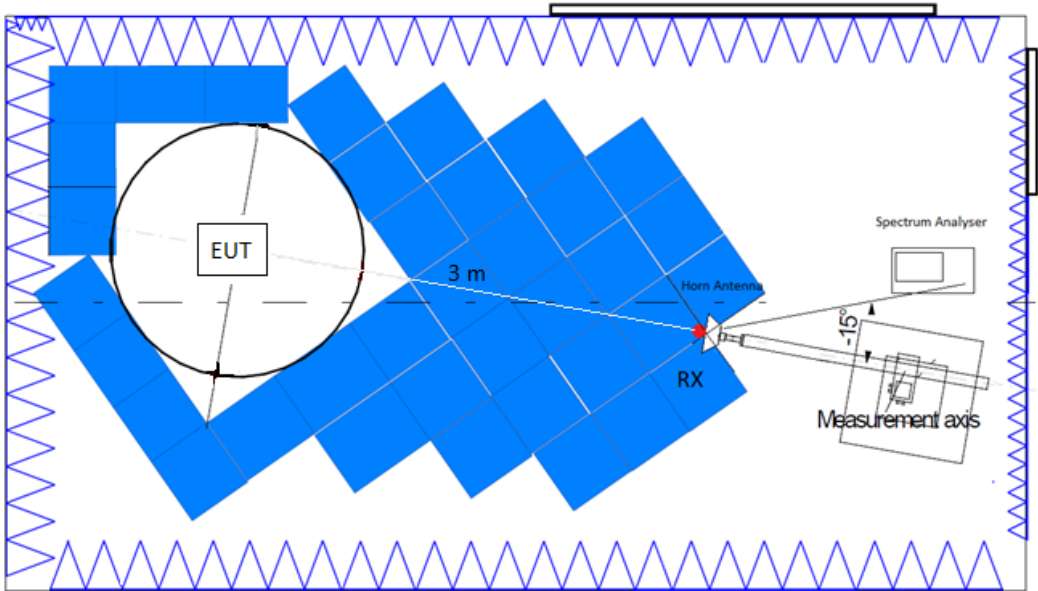
The final measured value, for the given emission, in the tables below incorporates the calibrated antenna factor and cable loss.

A resolution bandwidth/video bandwidth of 100 kHz / 300 kHz was used for frequencies below 1 GHz and 1 MHz / 3 MHz for frequencies above 1 GHz.

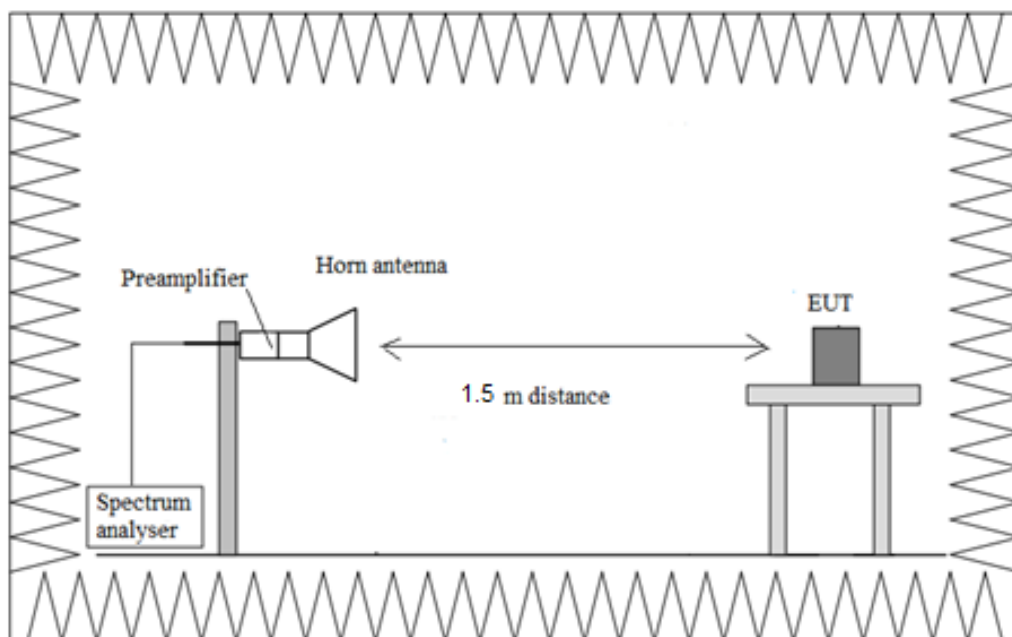
Radiated measurements setup from 30 MHz to 1 GHz:



Radiated measurements setup from 1 GHz to 17 GHz:



Radiated measurements setup $f > 17$ GHz:



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

Limits

* **FCC 15.407:** For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

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

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+4	5745.00000	No	8.56	3.46
		5785.00000		8.79	3.69
		5825.00000		8.62	3.52

Verdict

Pass

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

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+4	5755.00000	No	9.11	4.01
		5795.00000		9.37	4.27

Verdict

Pass

Modulation: 802.11ac VHT40 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+4	5755.00000	No	9.11	4.01
		5795.00000		9.36	4.26

Modulation: 802.11ac VHT80 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+4	5775.00000	No	9.03	3.93

Modulation: 802.11ax HE20 (OFDMA MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Antenna configuration	Subcarrier Mode	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+4	5745.00000	No	MIMO CDD Mode 2x2	SU	8.90	3.80
					RU	9.06	3.96
		5785.00000			SU	8.99	3.89
					RU	9.16	4.06
		5825.00000			SU	9.15	4.05
					RU	9.22	4.12

Modulation: 802.11ax HE40 (OFDMA MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Antenna configuration	Subcarrier Mode	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+4	5755.00000	No	MIMO CDD Mode 2x2	SU	9.00	3.90
		RU			9.23	4.13	
		5795.00000			SU	9.15	4.05
		RU			9.03	3.93	

Modulation: 802.11ax HE80 (OFDMA MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Antenna configuration	Subcarrier Mode	Max EIRP (dBm)	Avg Power (dBm)
[5725, 5850]	3+4	5775.00000	No	MIMO CDD Mode 2x2	SU	9.11	4.01
					RU	9.26	4.16

Verdict

Pass

RSS-247 6.2.4.1 / FCC 15.407 (a) (3) [Psd] Transmitter Maximum Power Spectral Density 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. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Results

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3+4	5745.00000	No	5743.613861	-11.31
		5785.00000		5782.425743	-11.06
		5825.00000		5828.366337	-11.08

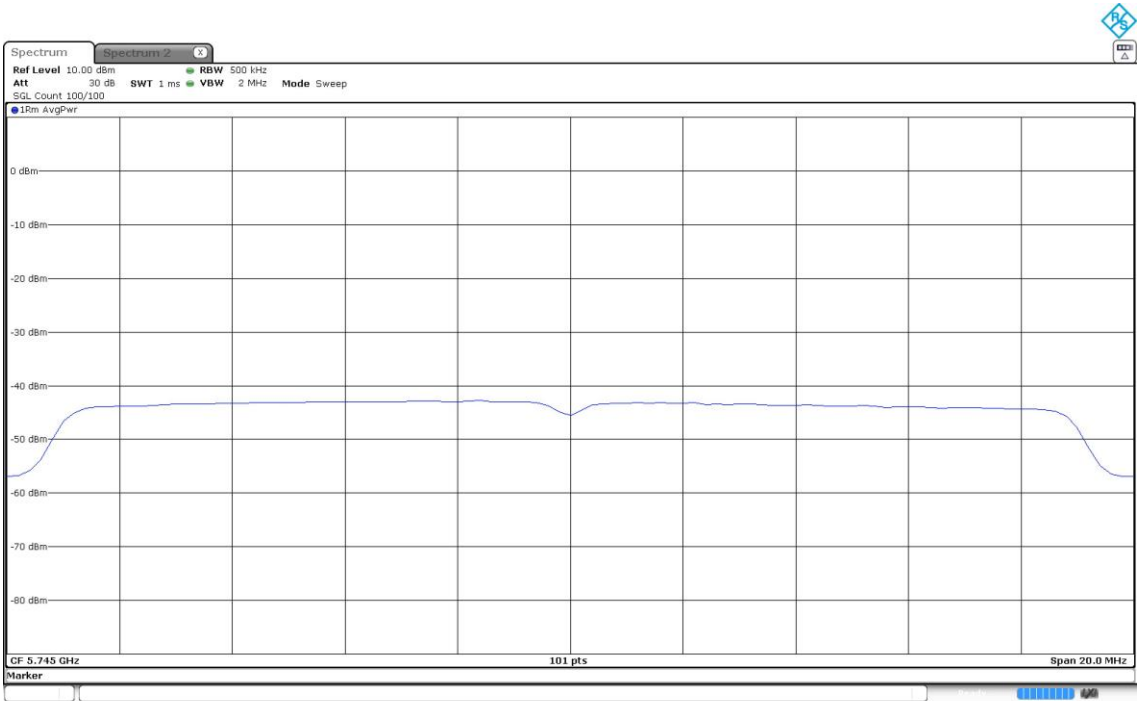
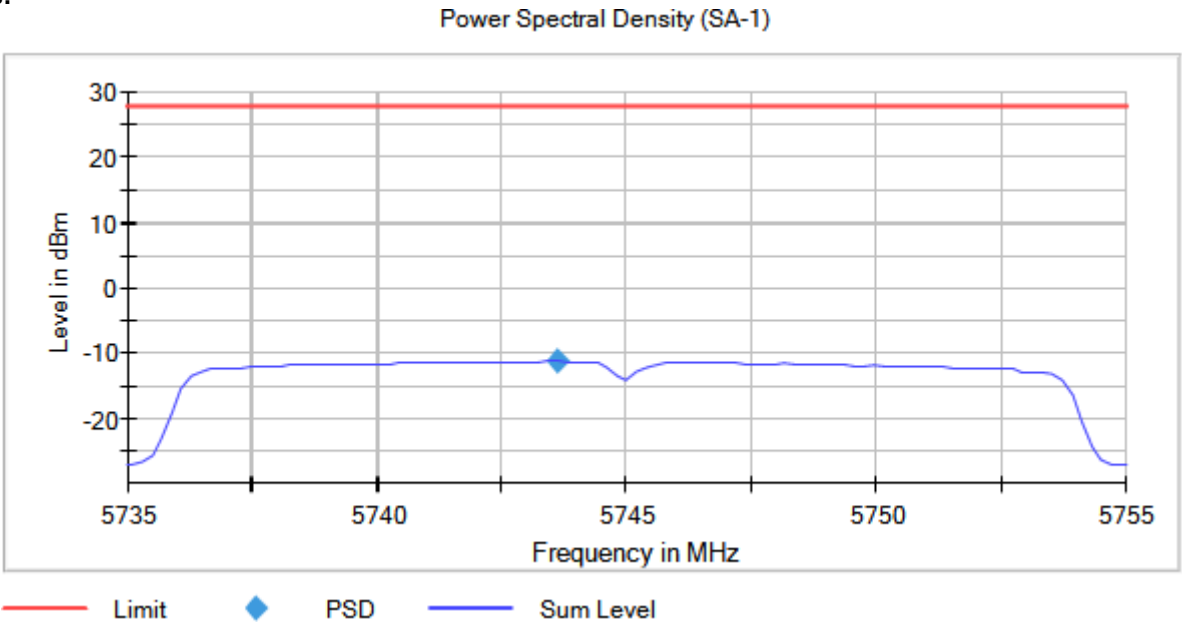
Verdict

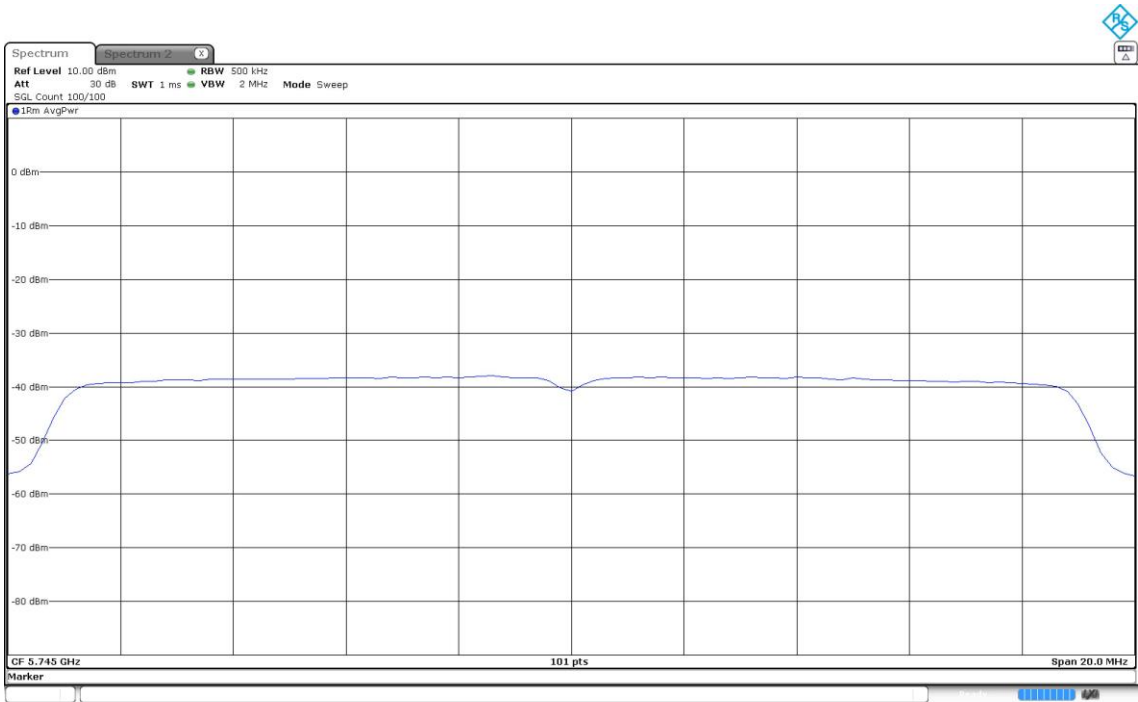
Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5745.00000 Modulation = 802.11n HT20 (OFDM MCS0)
TPC = No

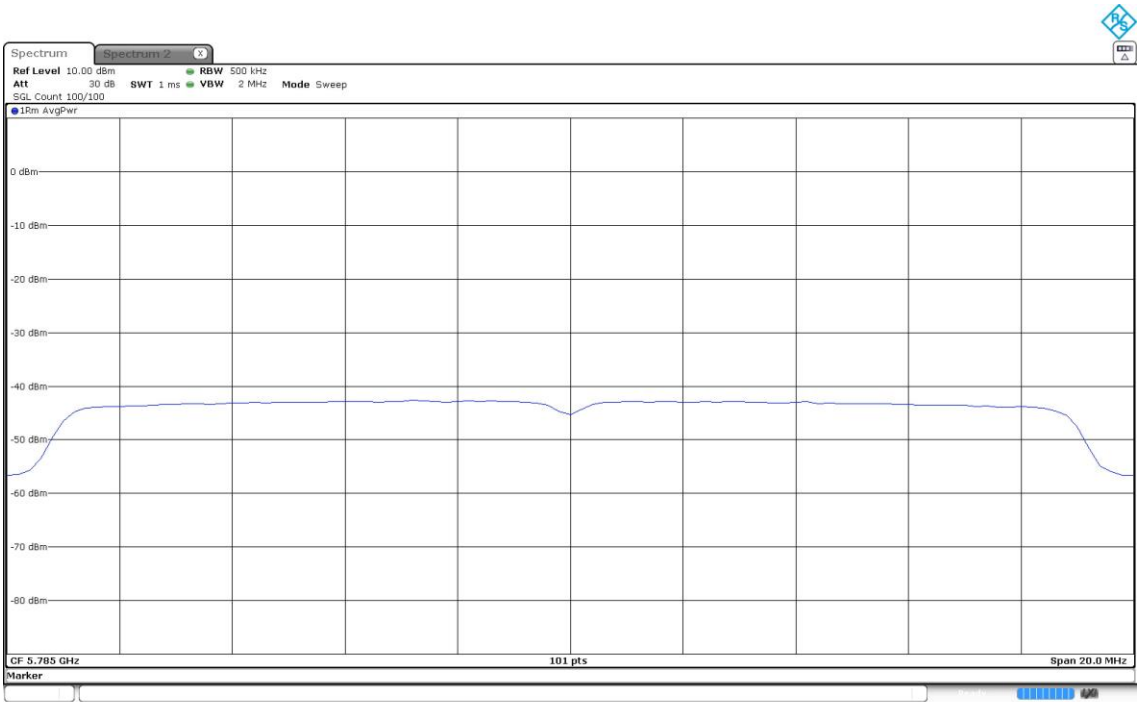
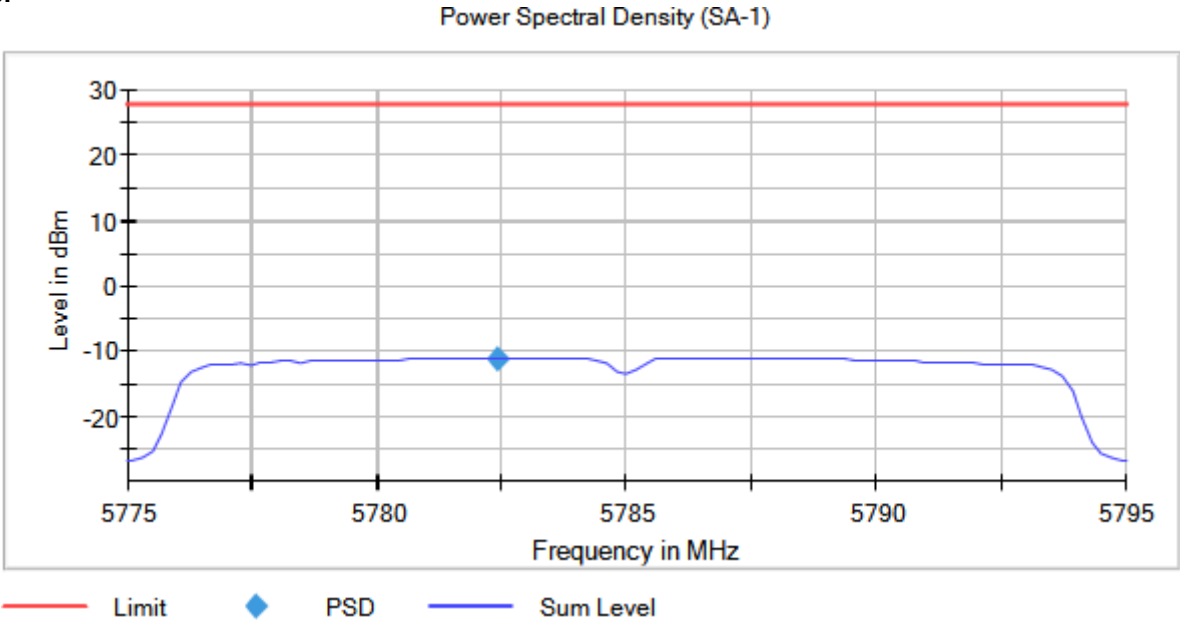
Images:

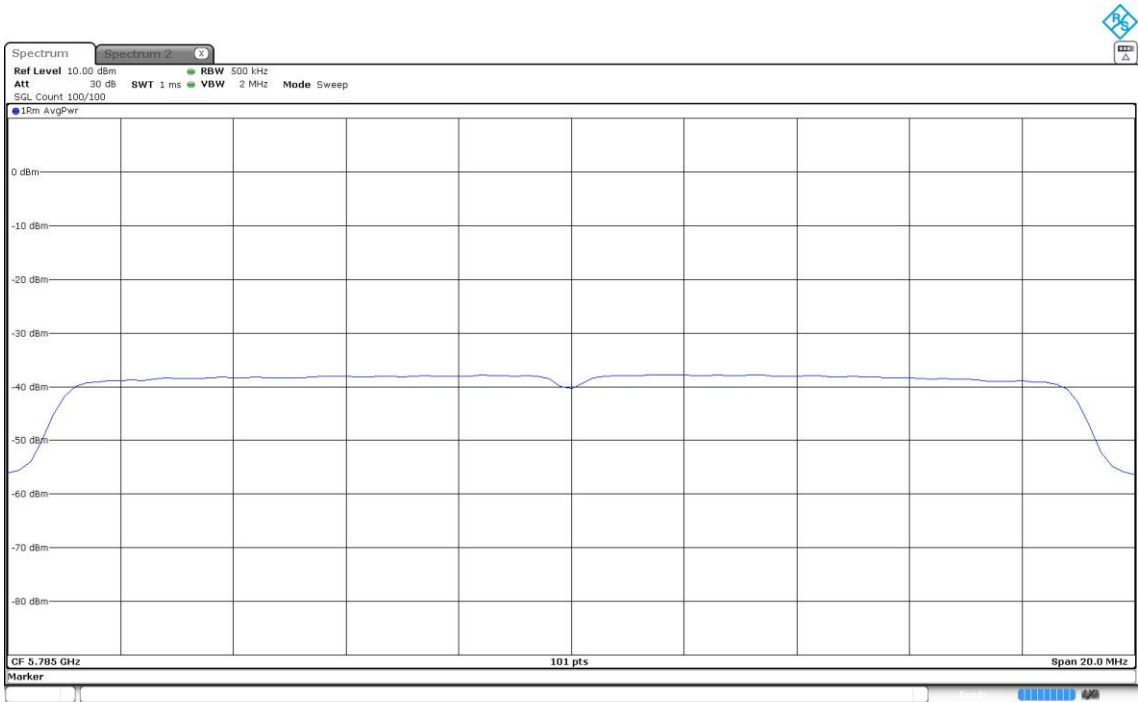




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5785.00000 Modulation = 802.11n HT20 (OFDM MCS0)
TPC = No

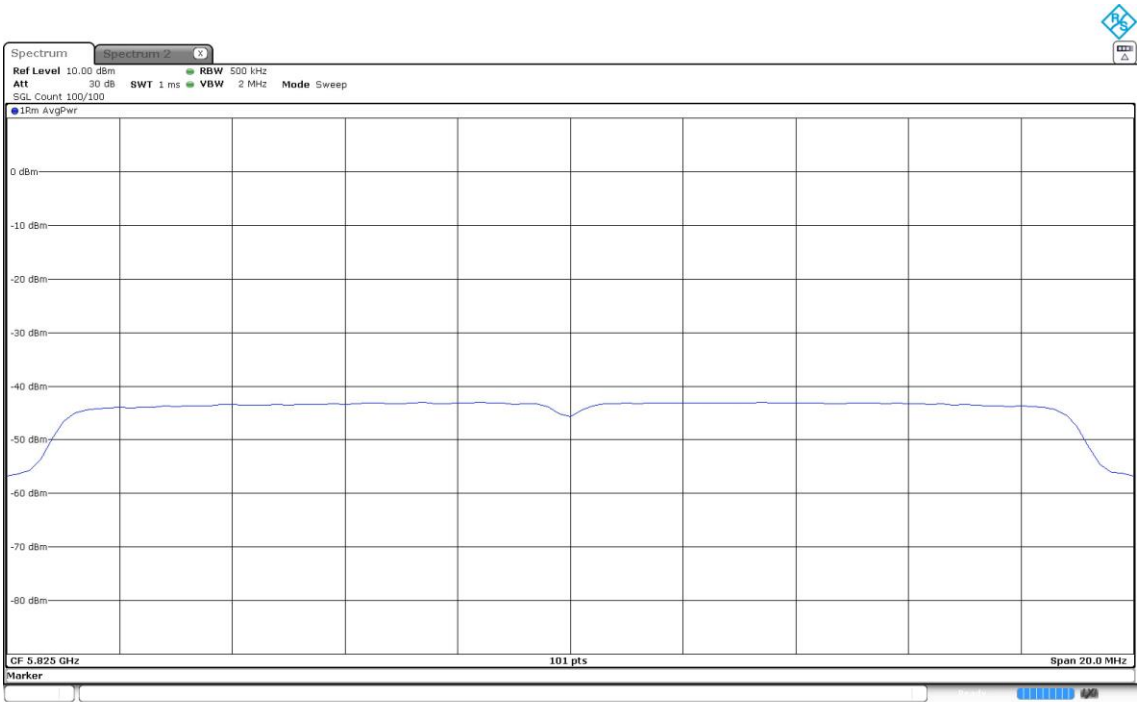
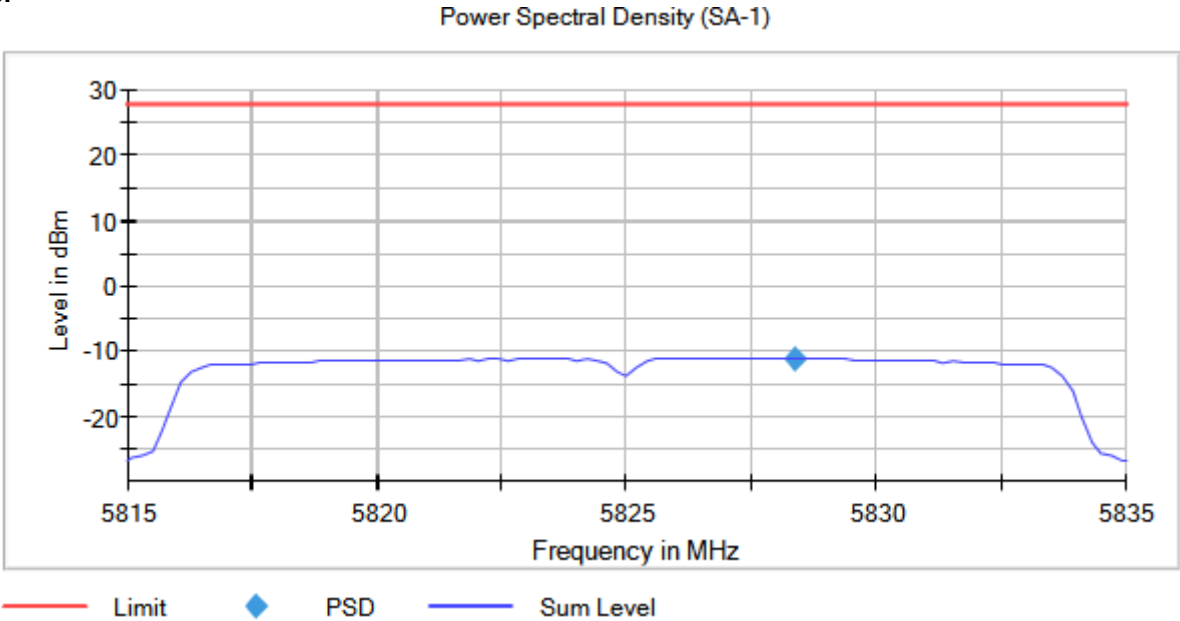
Images:

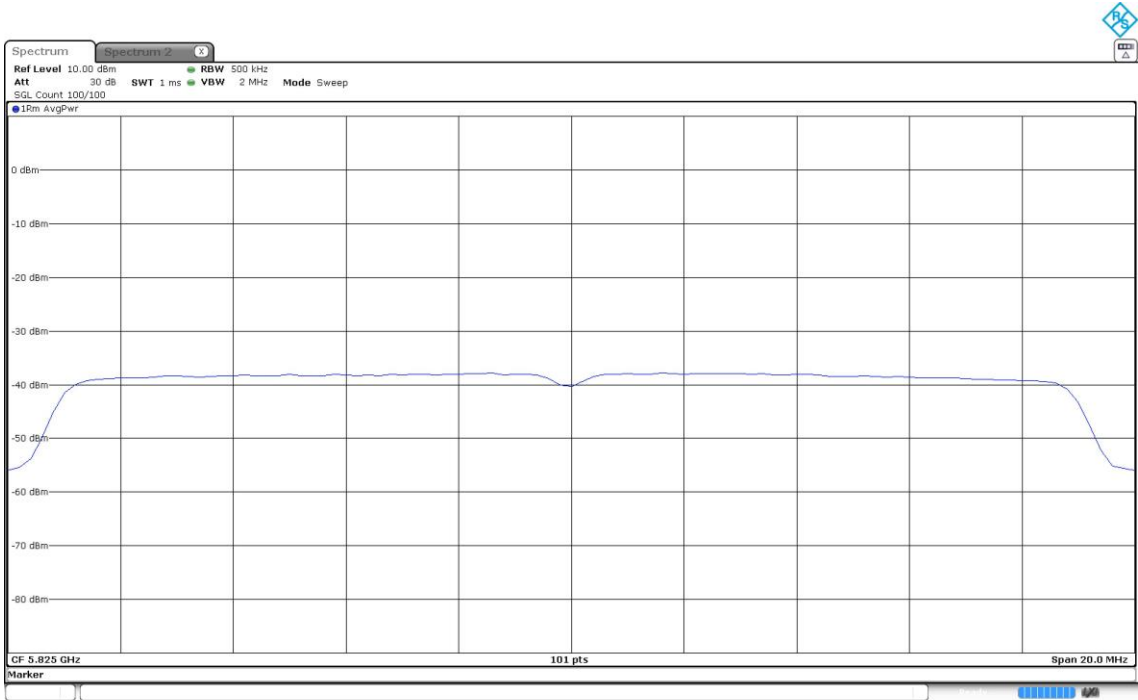




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5825.00000 Modulation = 802.11n HT20 (OFDM MCS0)
TPC = No

Images:





Results

Modulation: 802.11n HT40 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3+4	5755.00000	No	5758.625000	-13.77
		5795.00000		5796.875000	-13.53

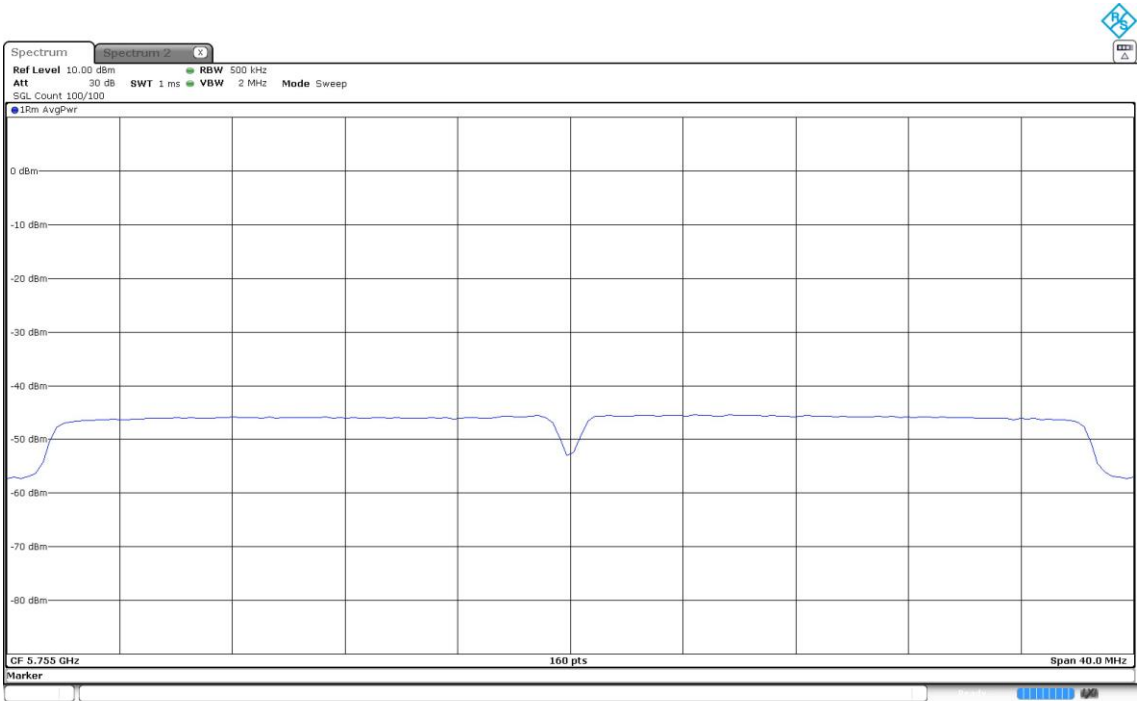
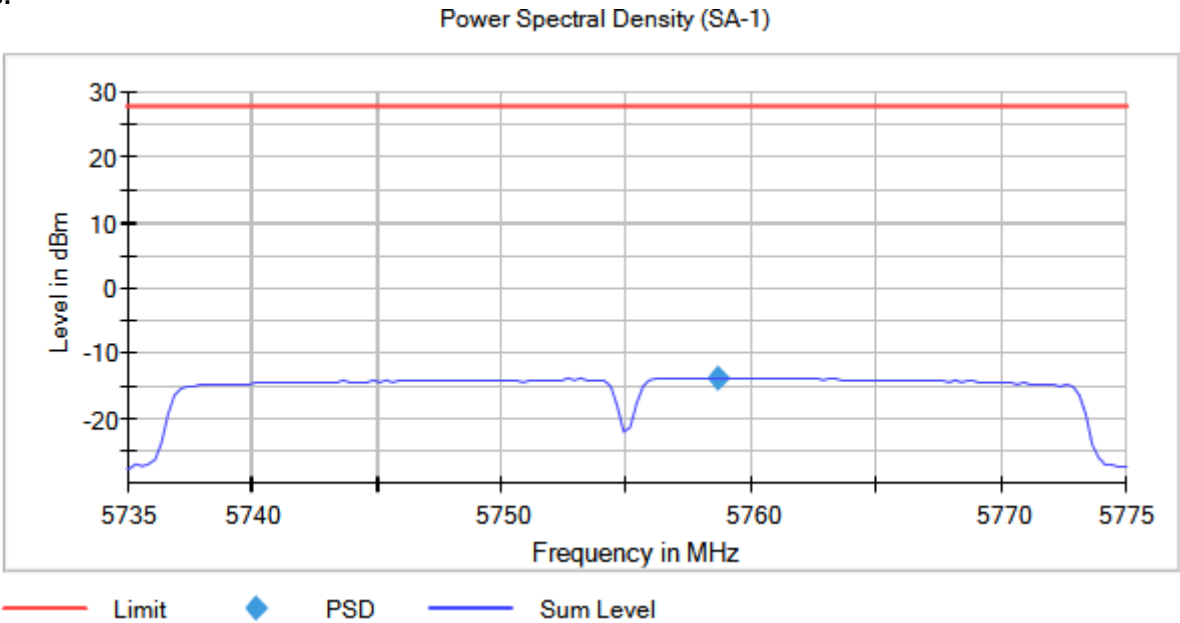
Verdict

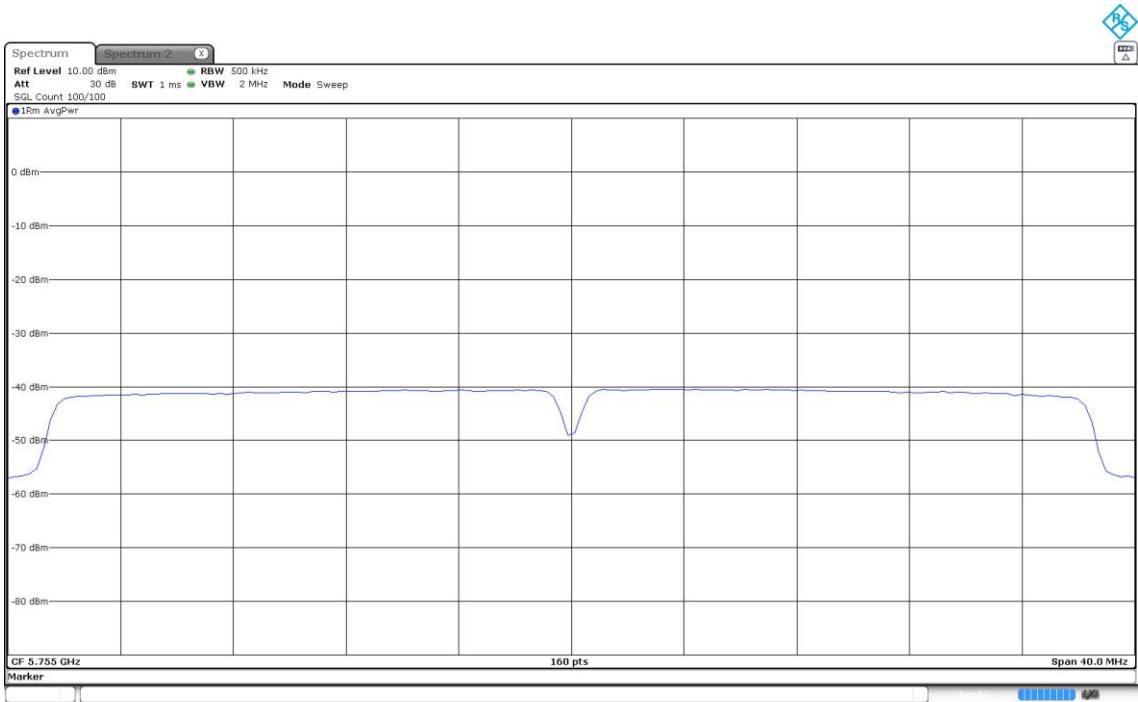
Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0)
TPC = No

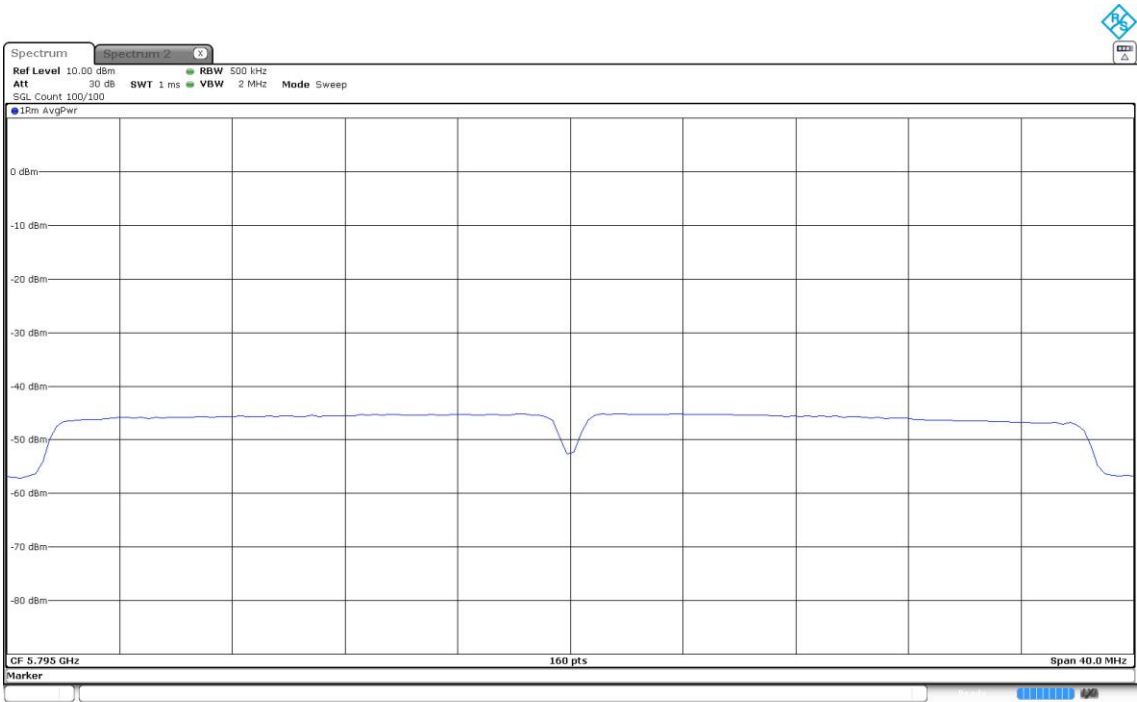
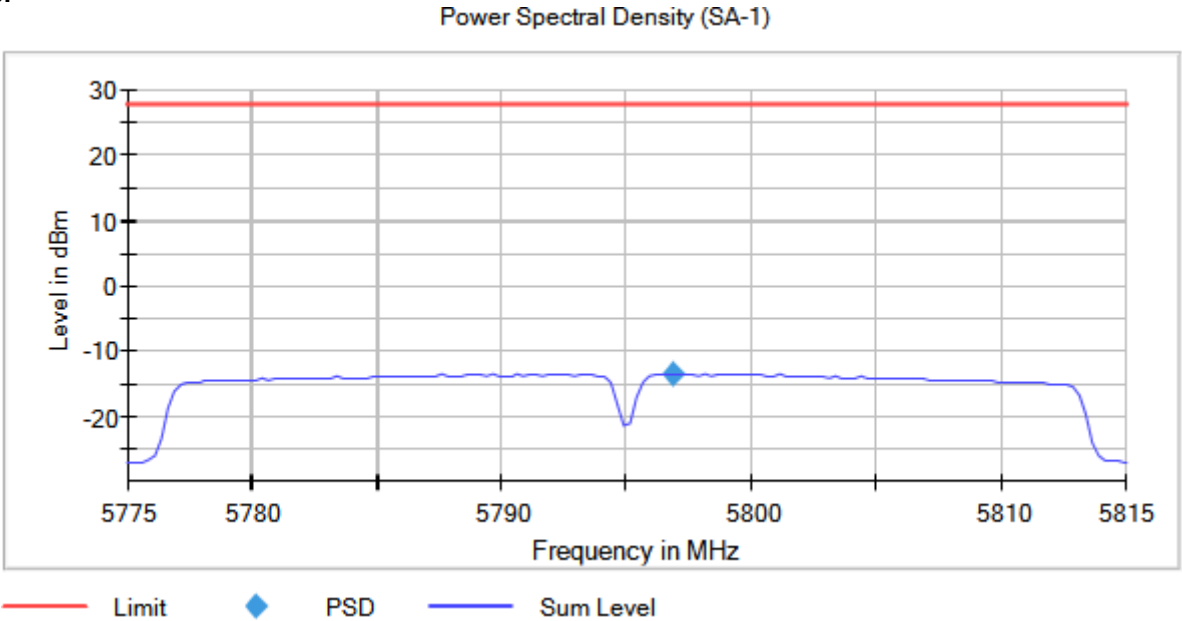
Images:

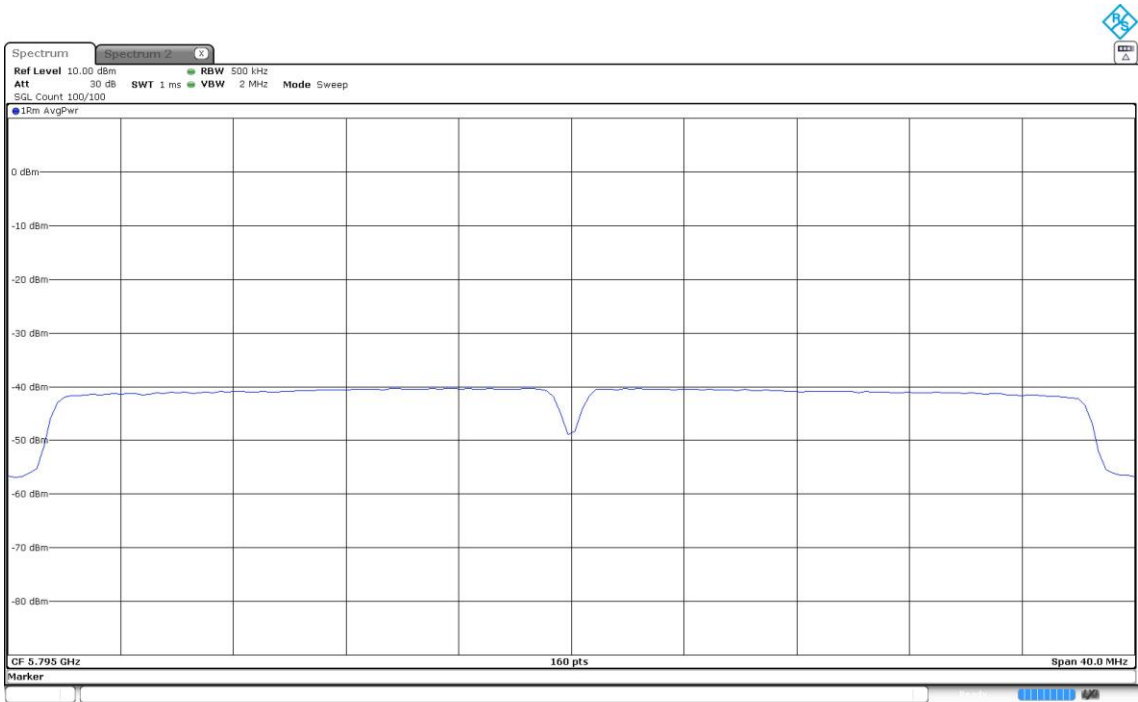




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5795.00000 Modulation = 802.11n HT40 (OFDM MCS0)
TPC = No

Images:





Results

Modulation: 802.11ac VHT20 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3+4	5745.00000	No	5743.811881	-11.56
		5785.00000		5783.811881	-11.14
		5825.00000		5826.188119	-11.13

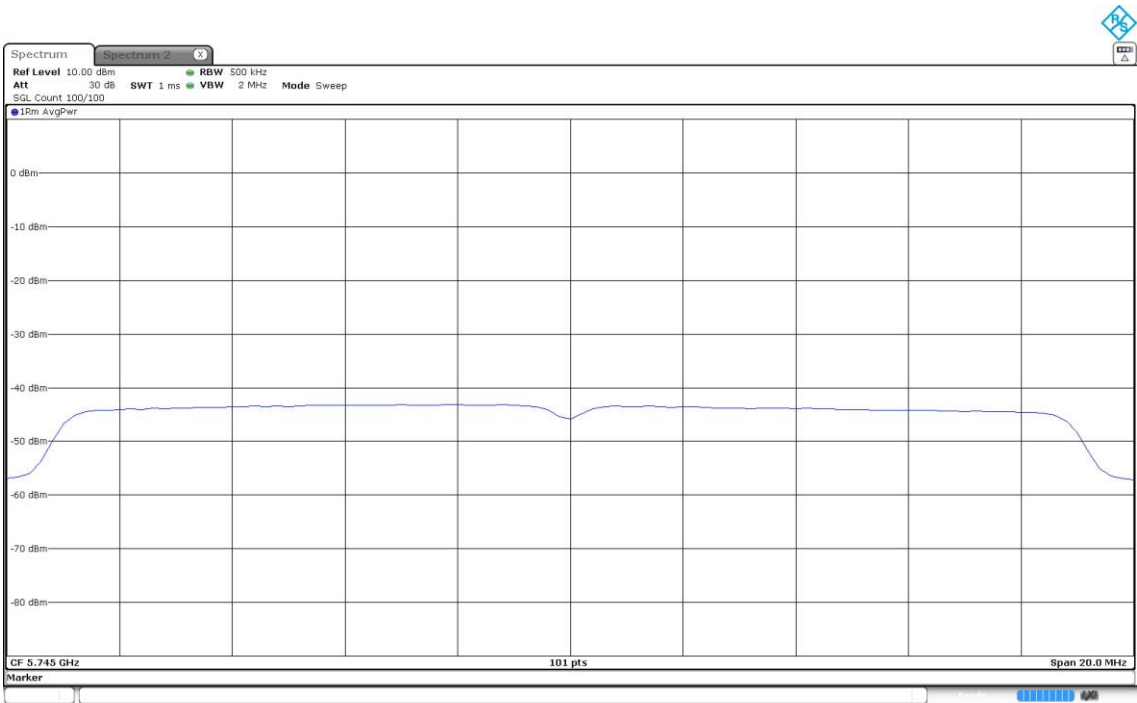
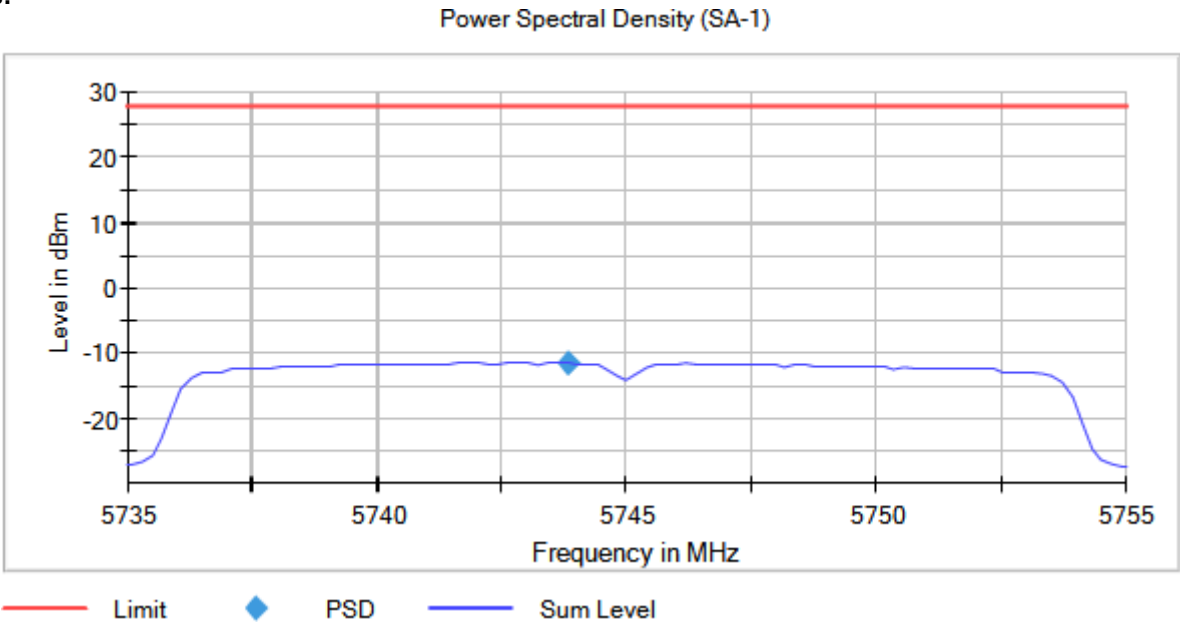
Verdict

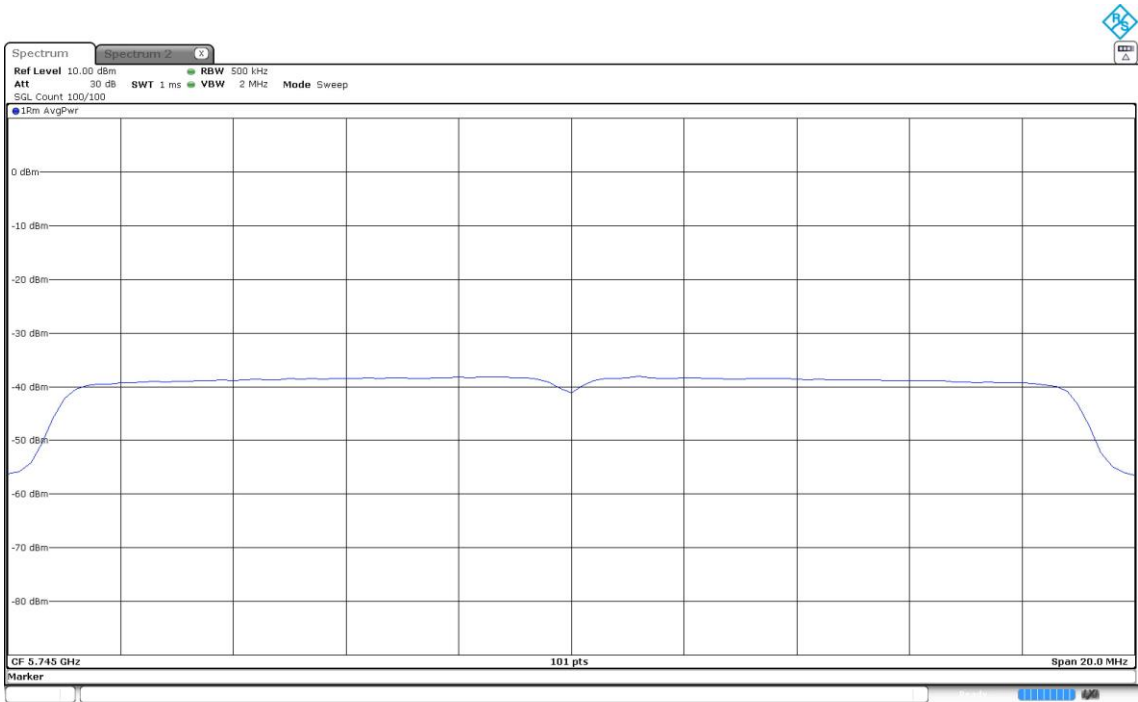
Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5745.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)
TPC = No

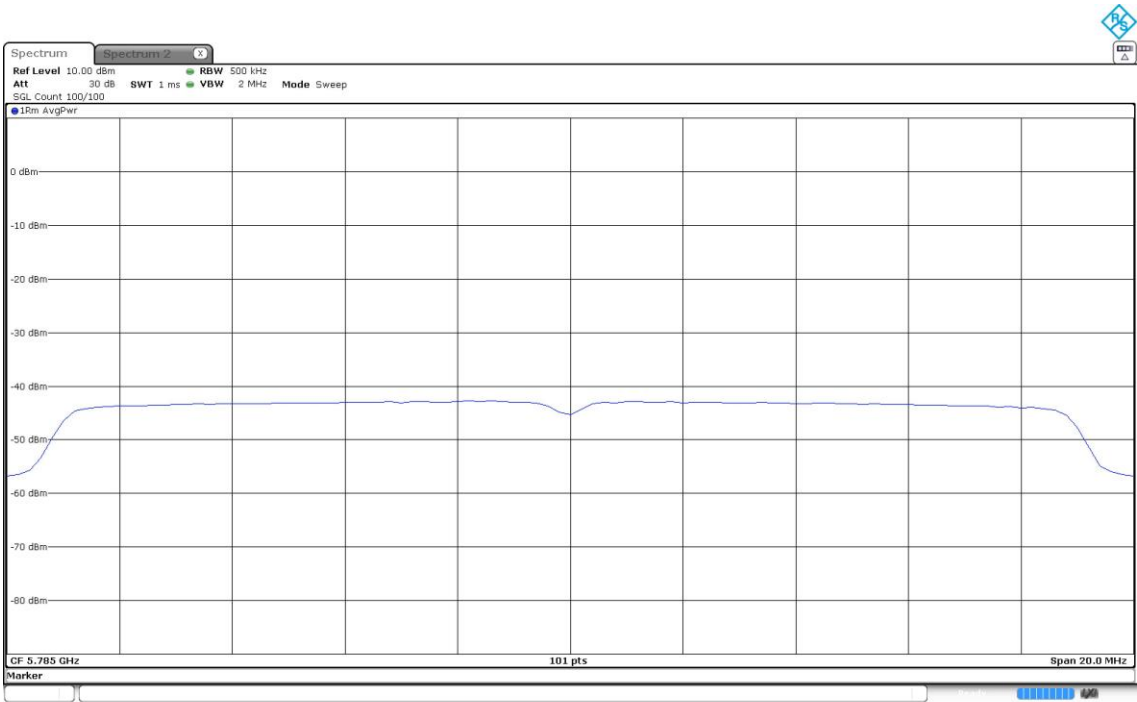
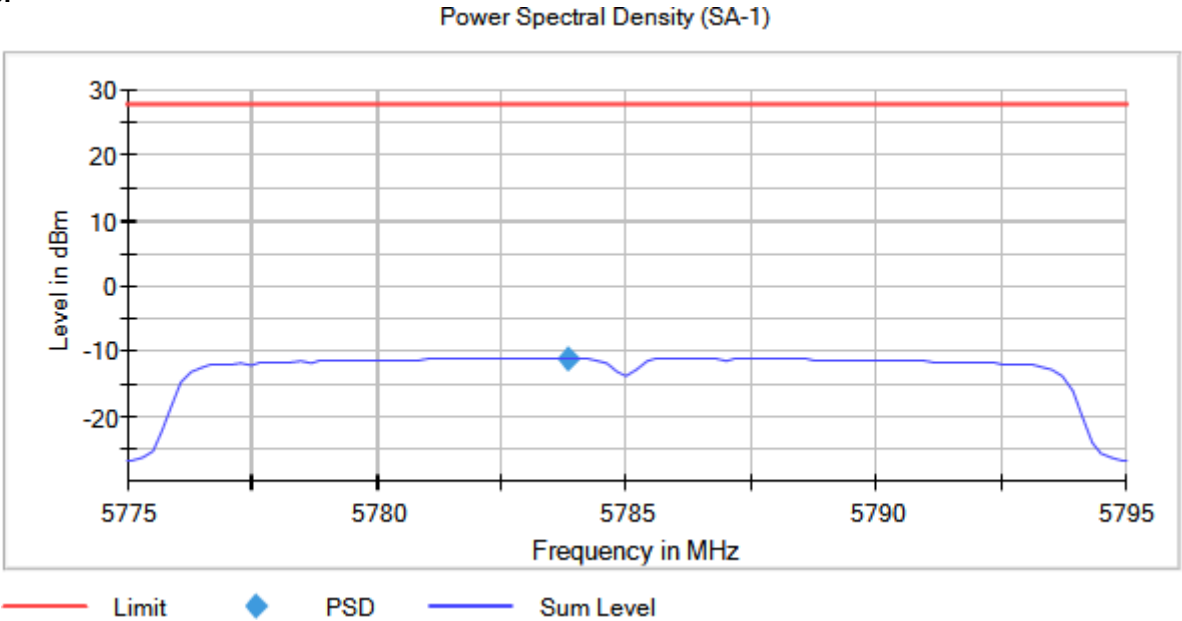
Images:

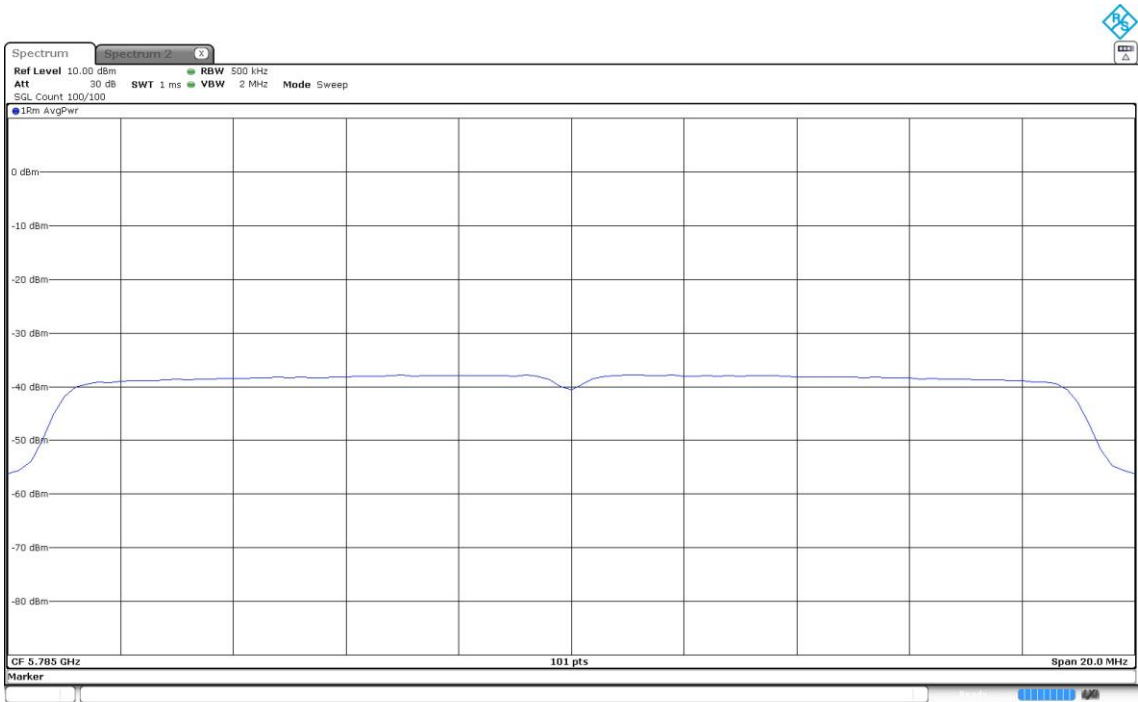




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5785.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)
TPC = No

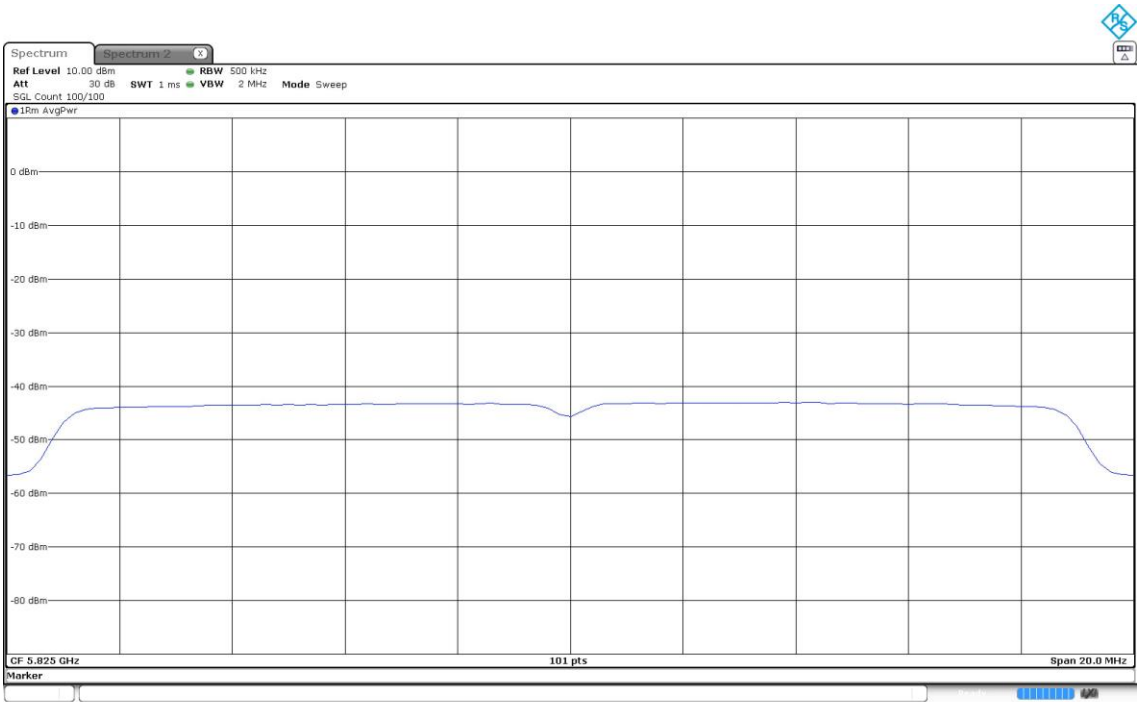
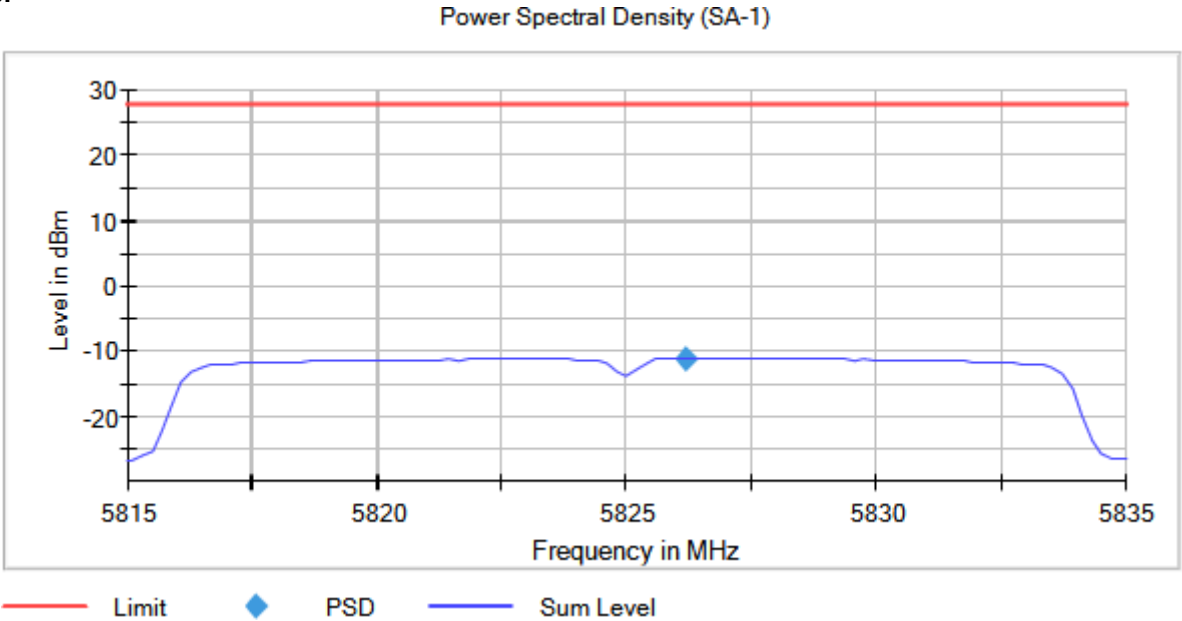
Images:

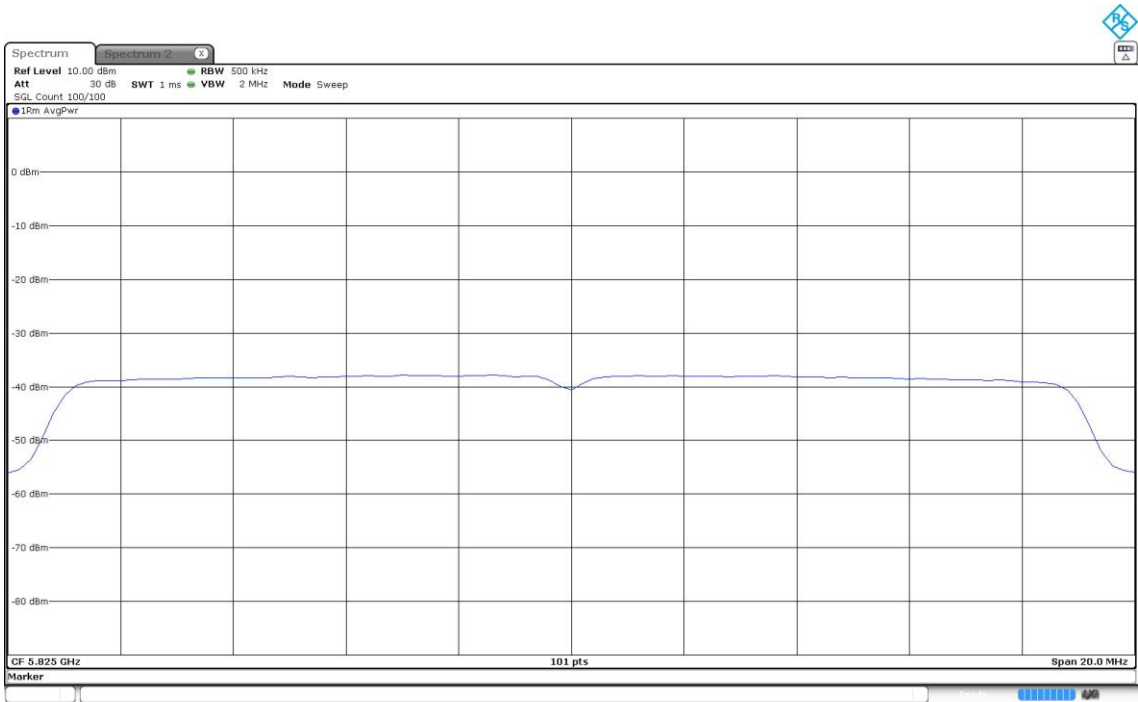




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)
TPC = No

Images:





Results

Modulation: 802.11ac VHT40 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3+4	5755.00000	No	5757.875000	-13.85
		5795.00000		5793.875000	-13.54

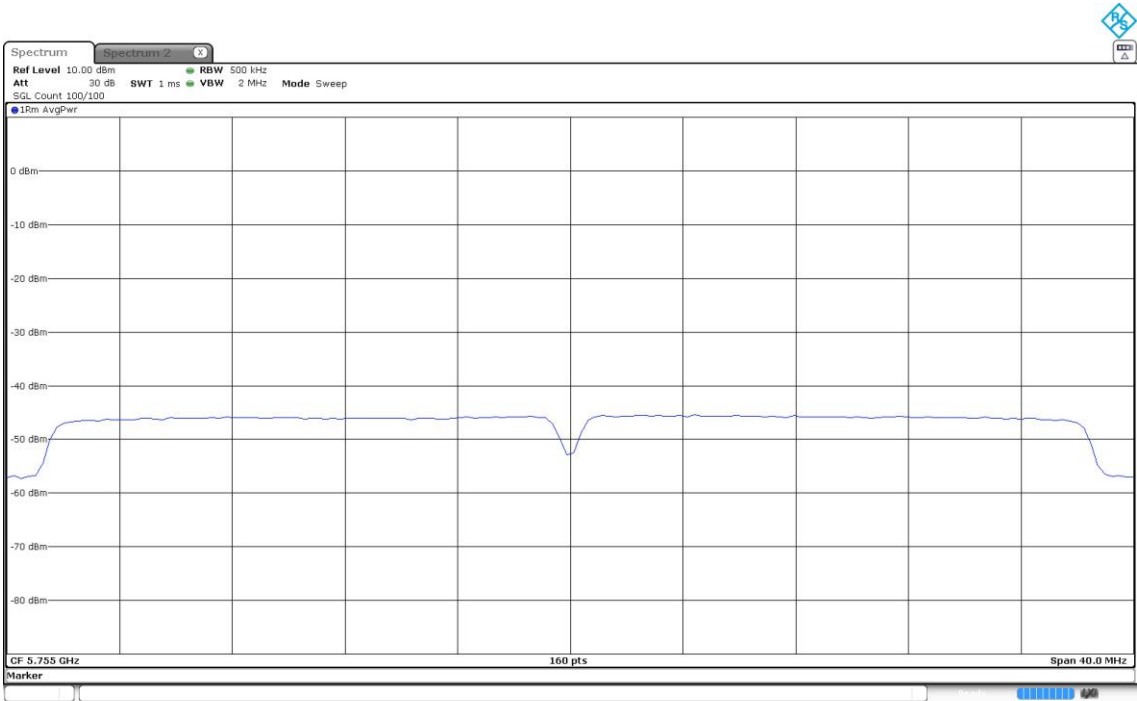
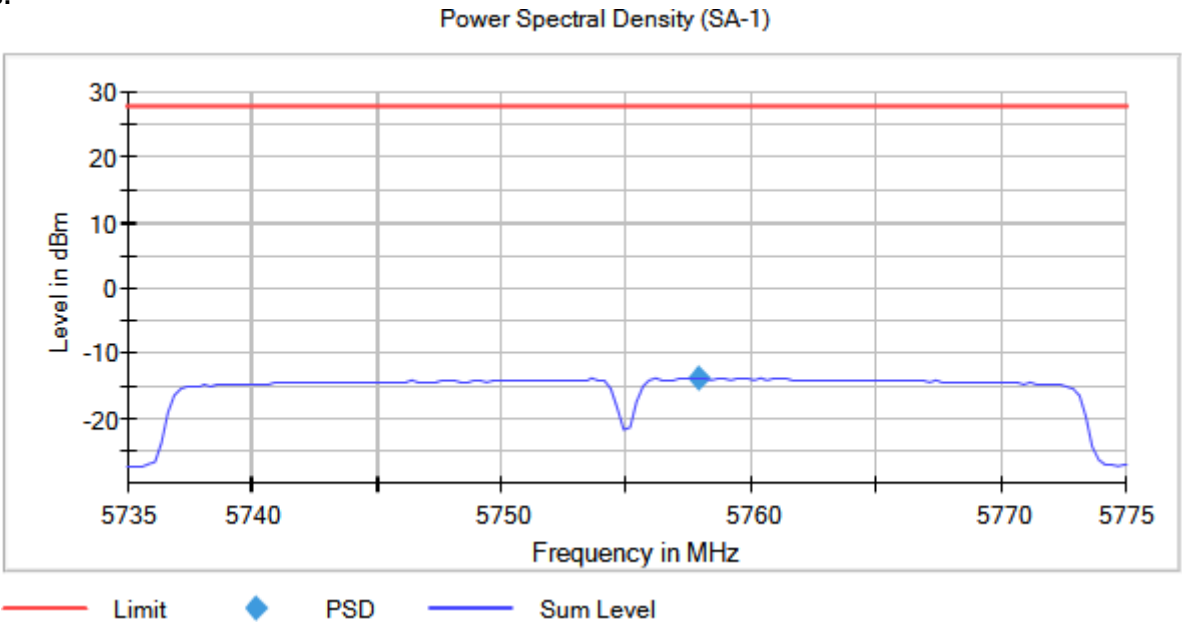
Verdict

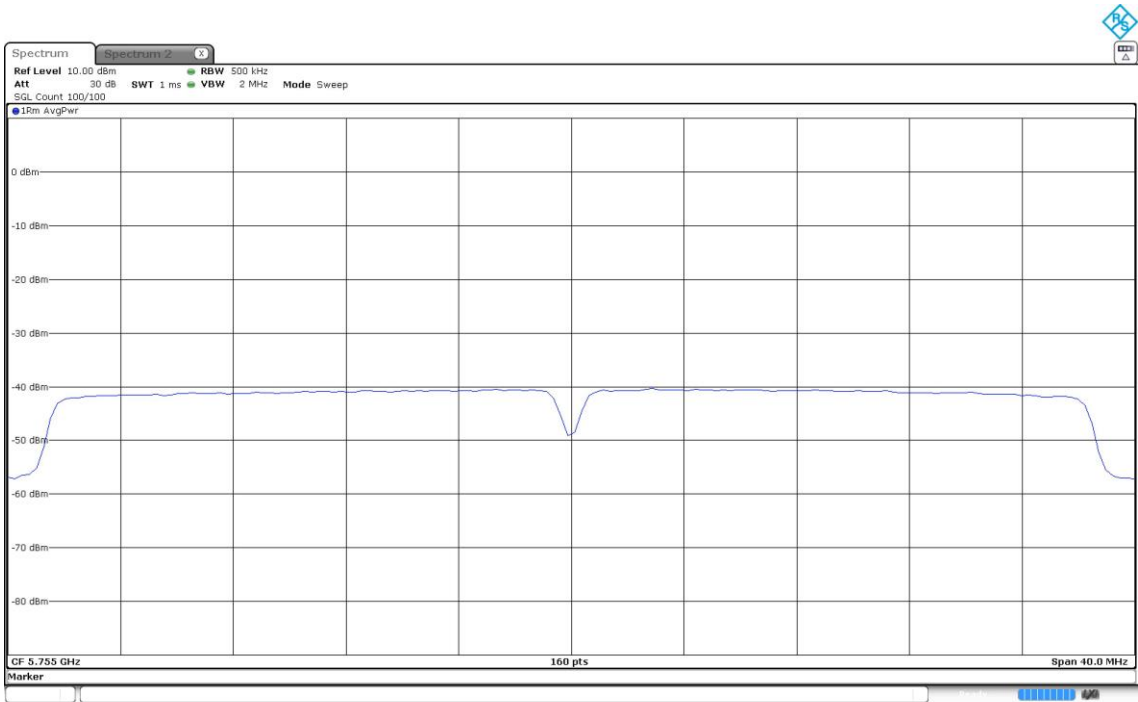
Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5755.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)
TPC = No

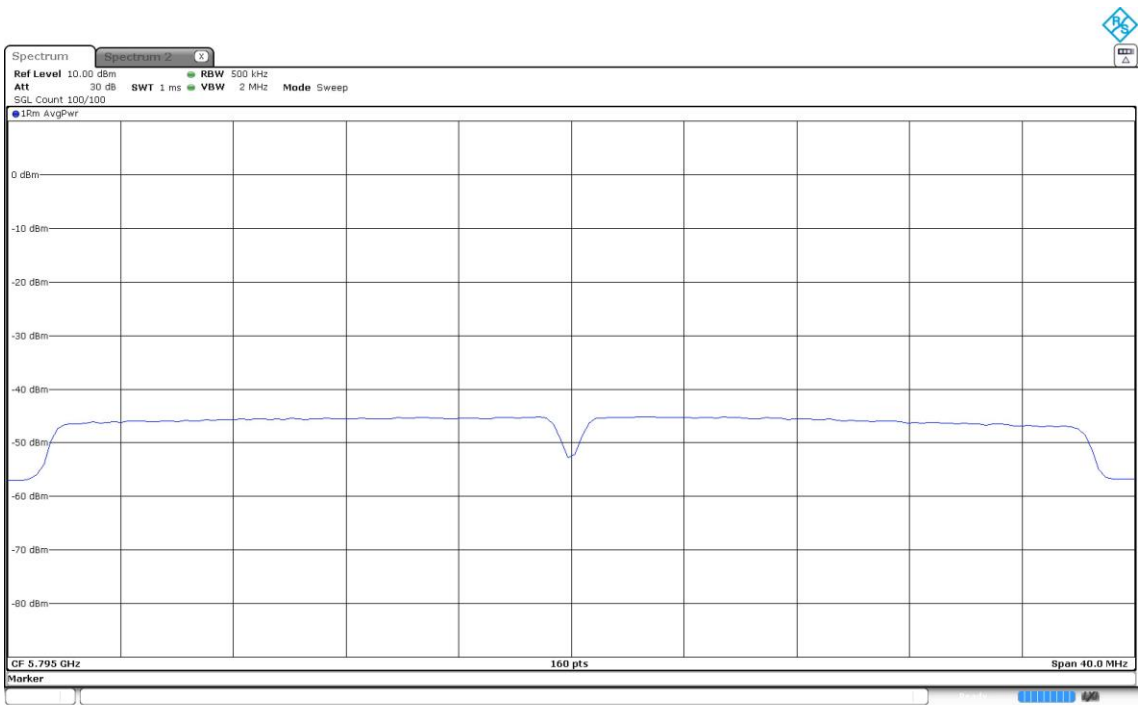
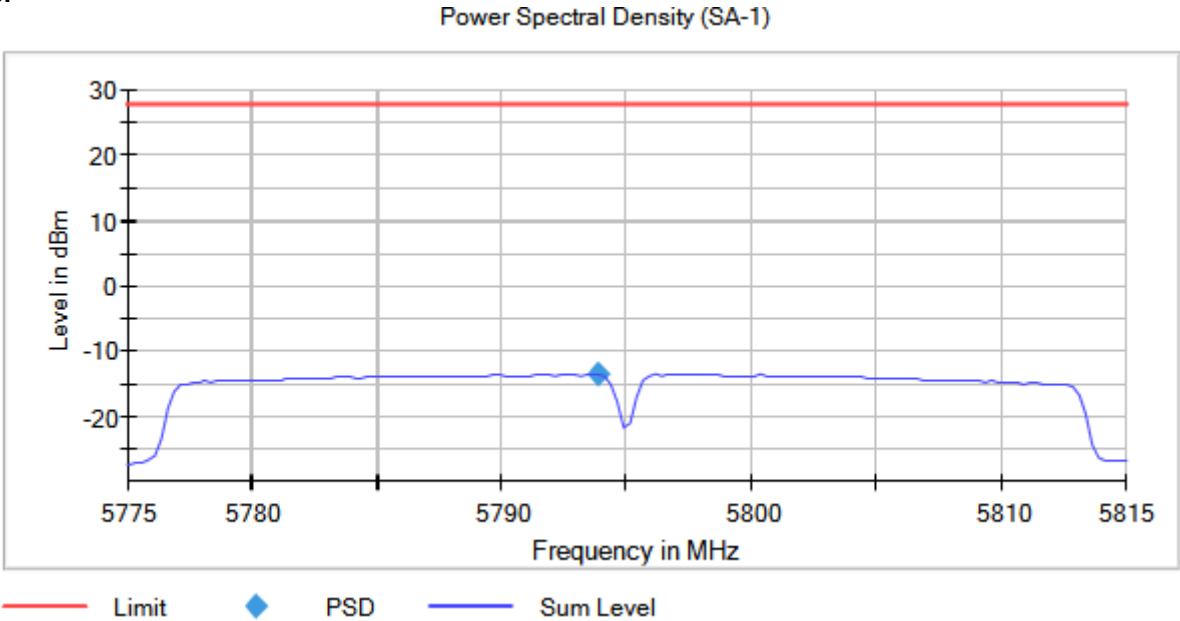
Images:

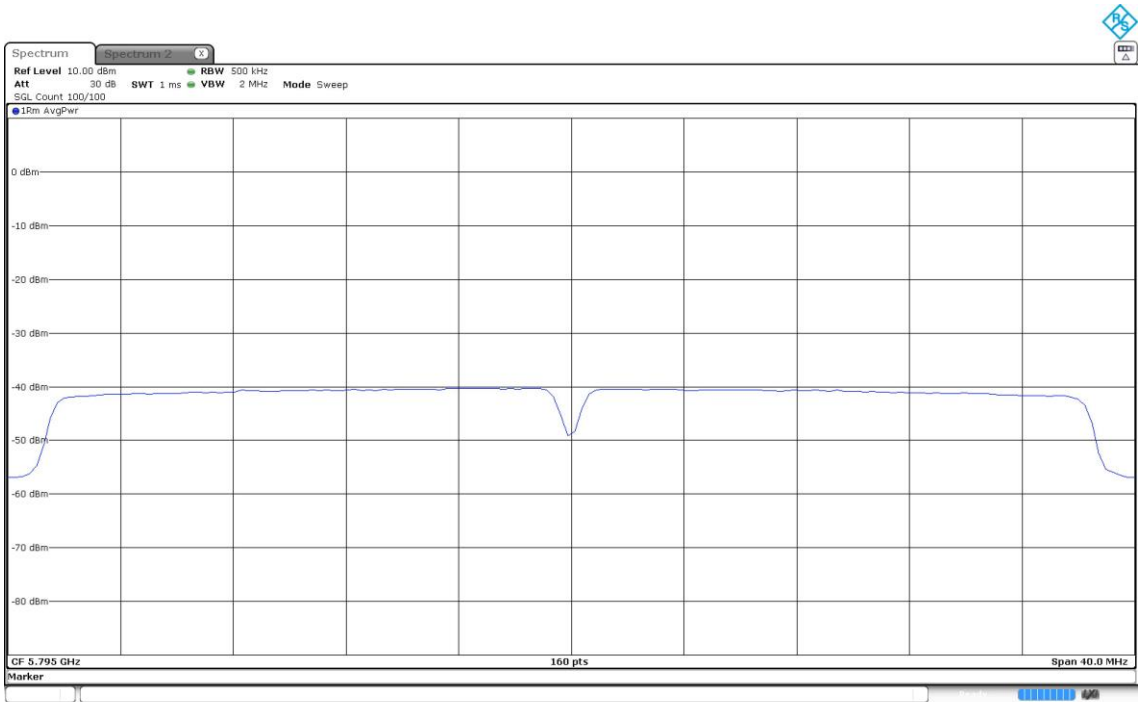




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5795.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)
TPC = No

Images:





Results

Modulation: 802.11ac VHT80 (OFDM MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5725, 5850]	3+4	5775.00000	No	5769.875000	-16.45

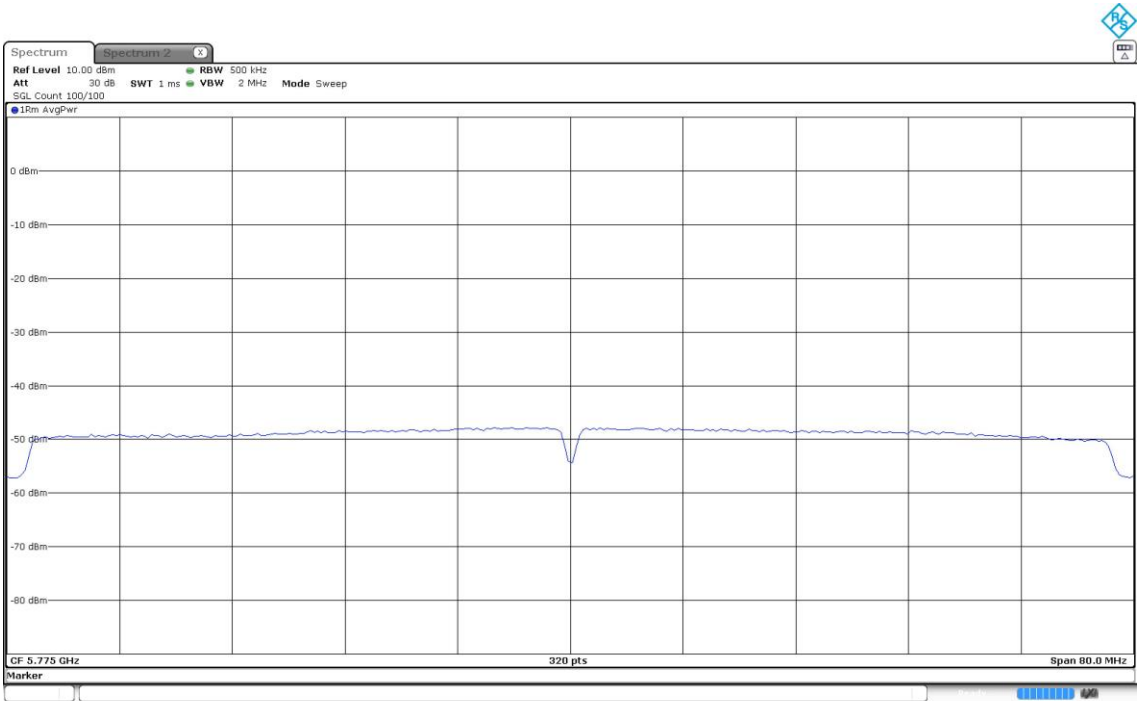
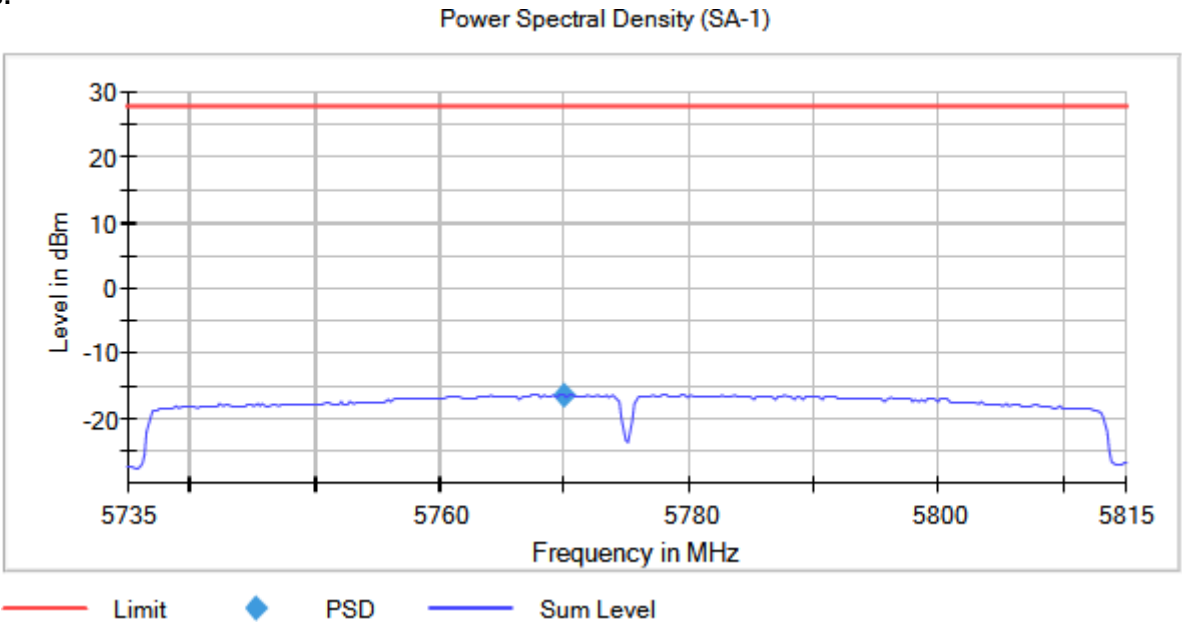
Verdict

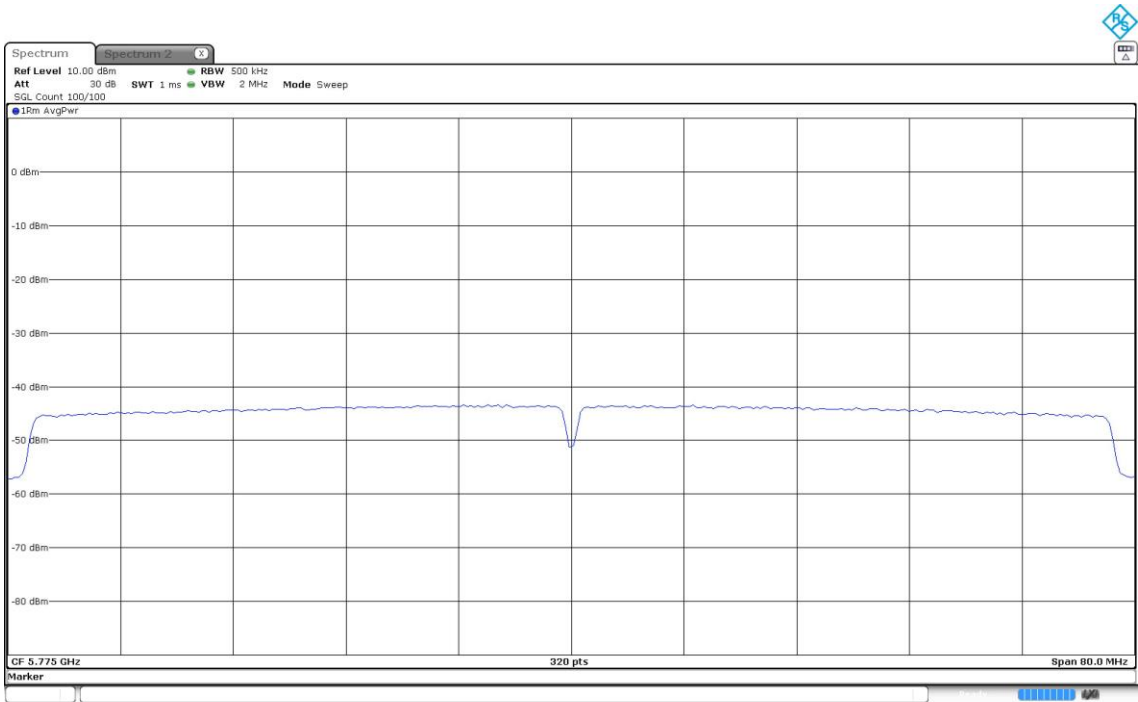
Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5775.00000 Modulation = 802.11ac VHT80 (OFDM MCS0)
TPC = No

Images:





Results

Modulation: 802.11ax HE20 (OFDMA MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Antenna configuration	Subcarrier Mode	Freq (MHz)	PSD (dBm)
[5725, 5850]	3+4	5745.00000	No	MIMO CDD Mode 2x2	SU	5742.029703	-11.69
		RU			5736.287129	-2.20	
		5785.00000			SU	5787.574257	-11.15
		RU			5785.792079	-2.51	
		5825.00000			SU	5827.178218	-11.17
		RU			5833.316832	-1.59	

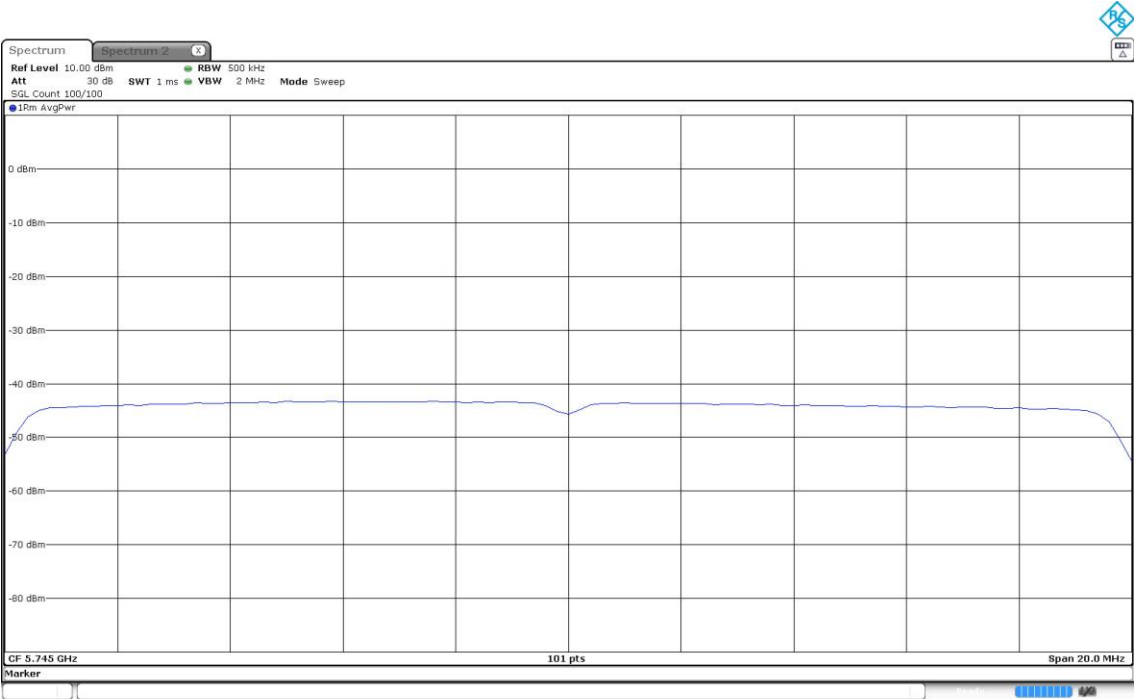
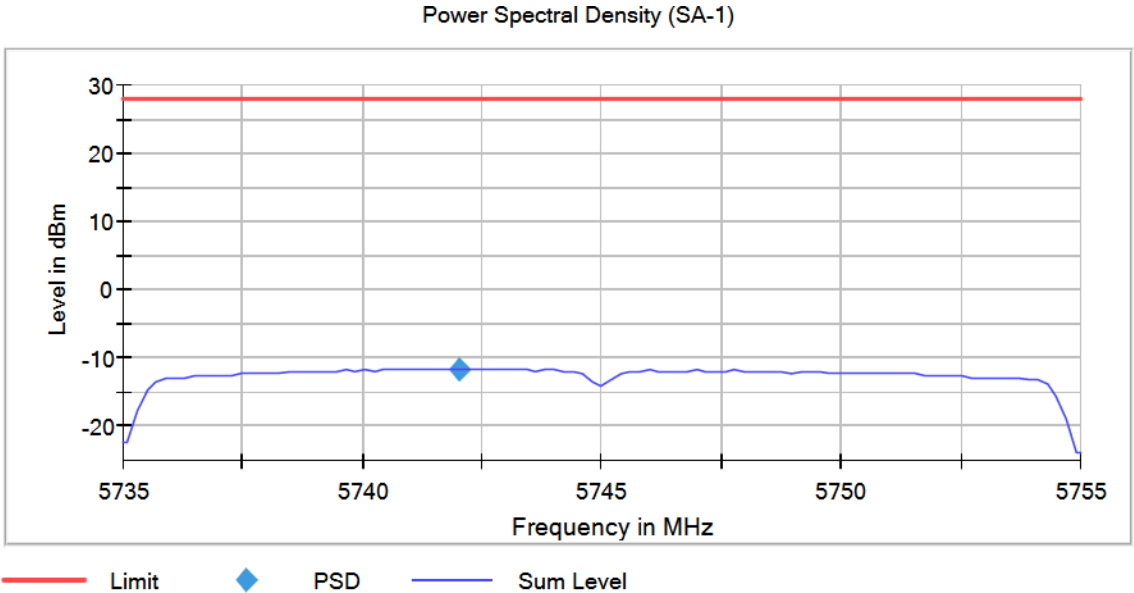
Verdict

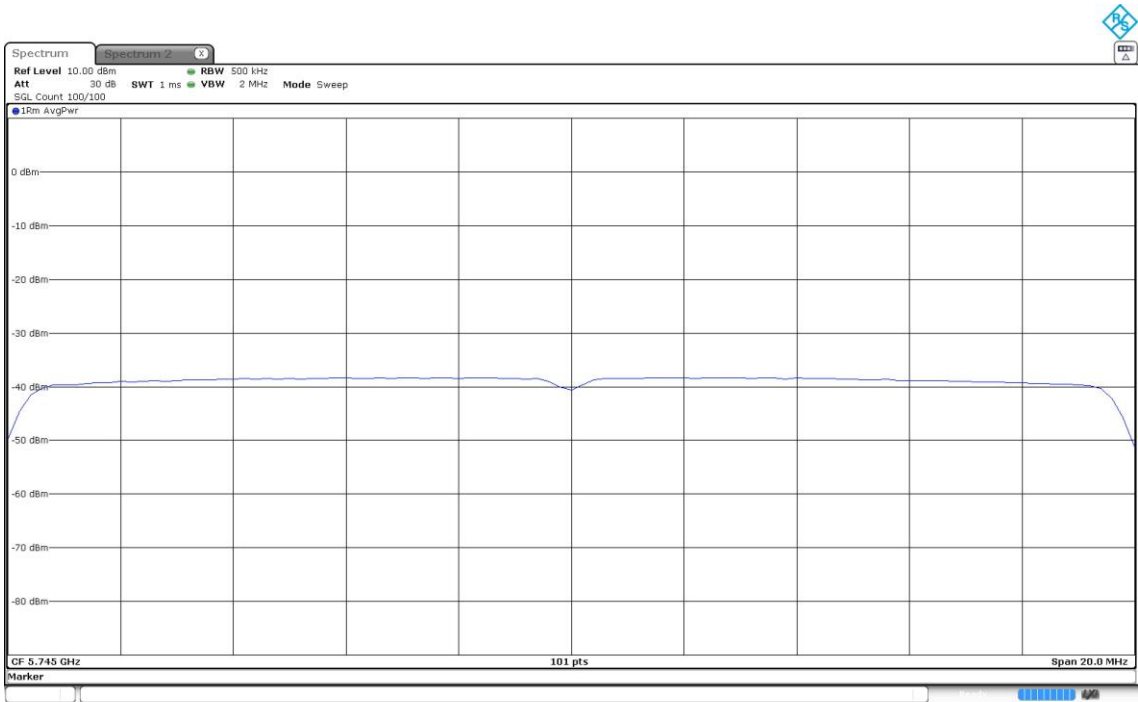
Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = SU

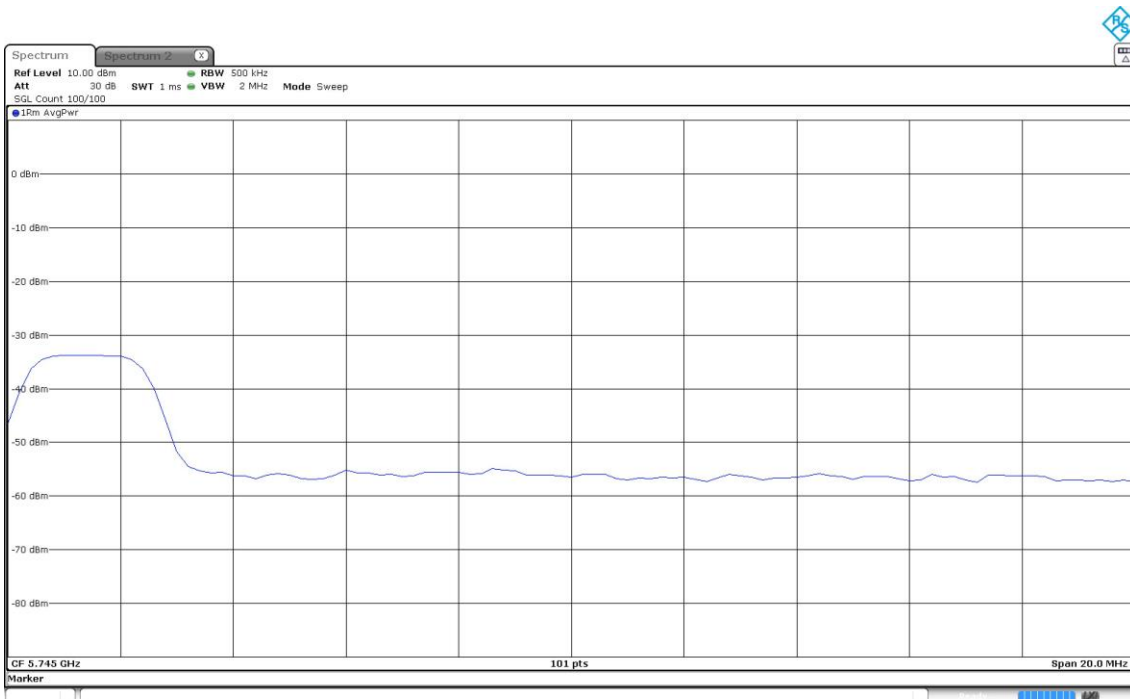
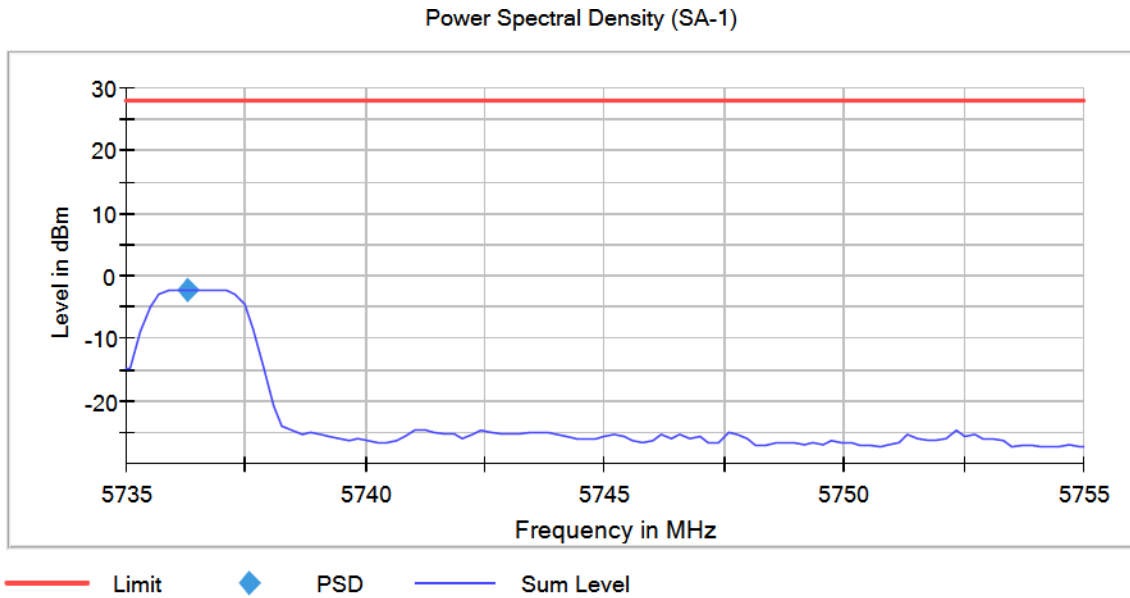
Images:

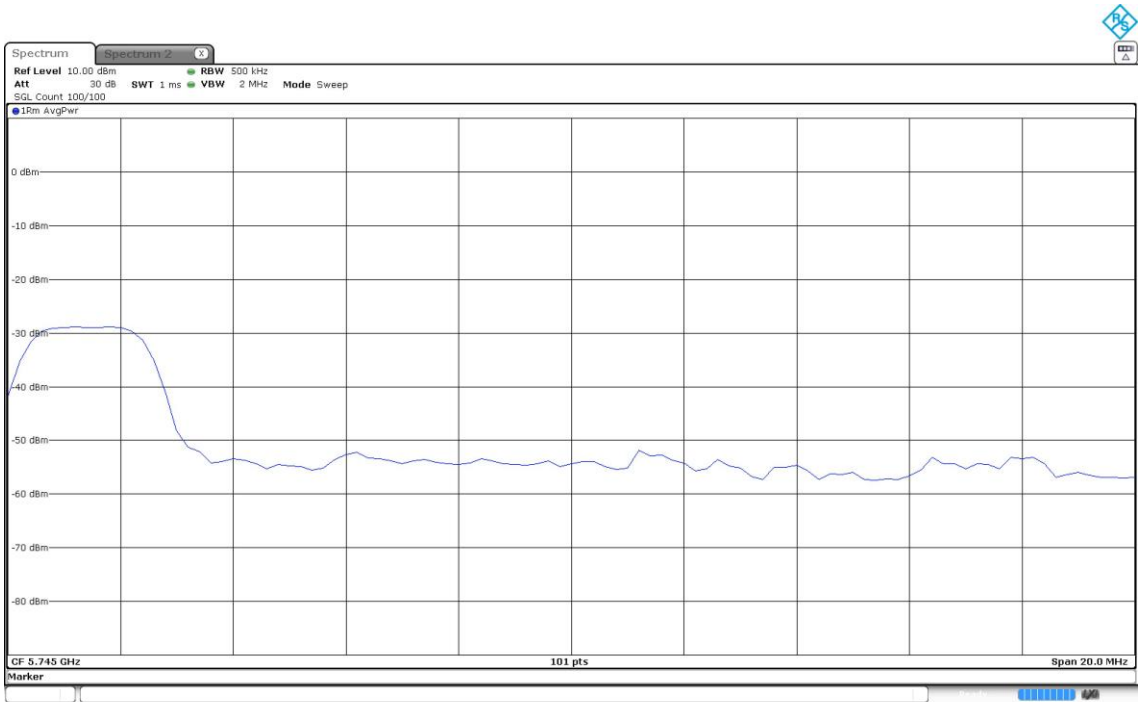




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = RU

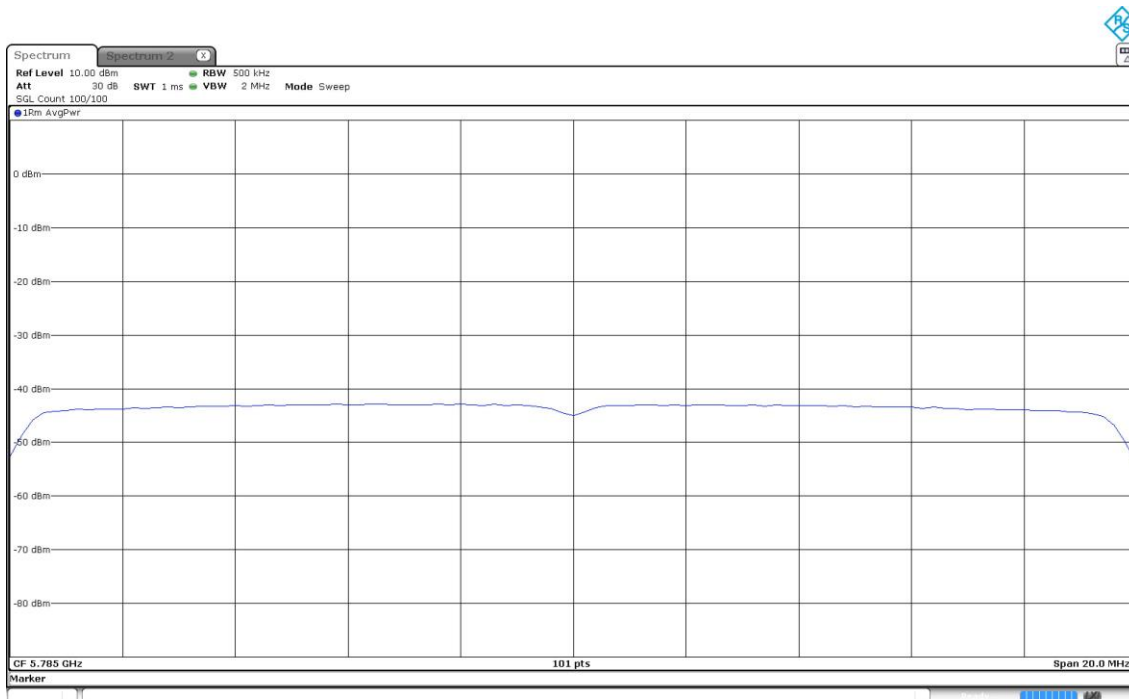
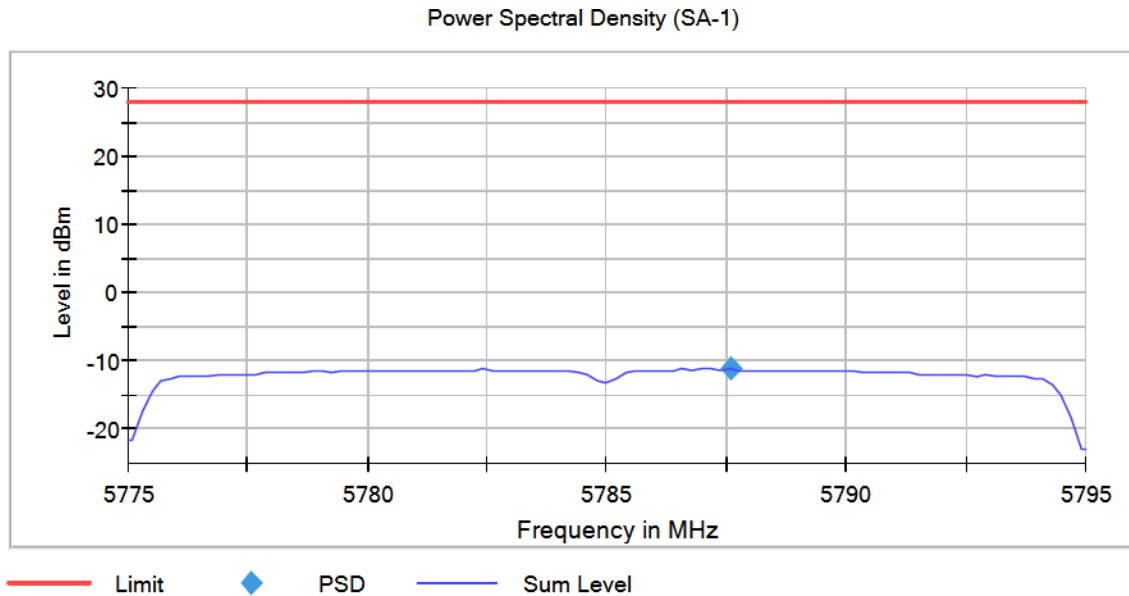
Images:

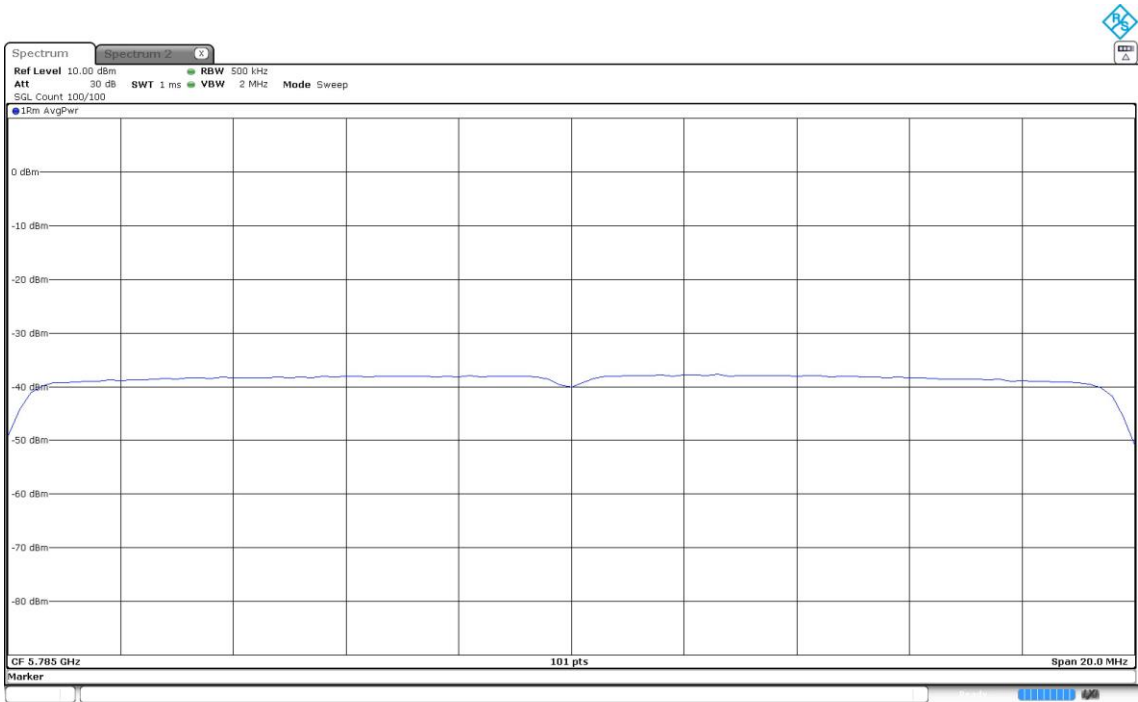




Operation Band MHz = [5725, 5850] Active Port = 3+4
 Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 (OFDMA MCS0)
 TPC = No Antenna configuration = MIMO CDD Mode 2x2
 Subcarrier Mode = SU

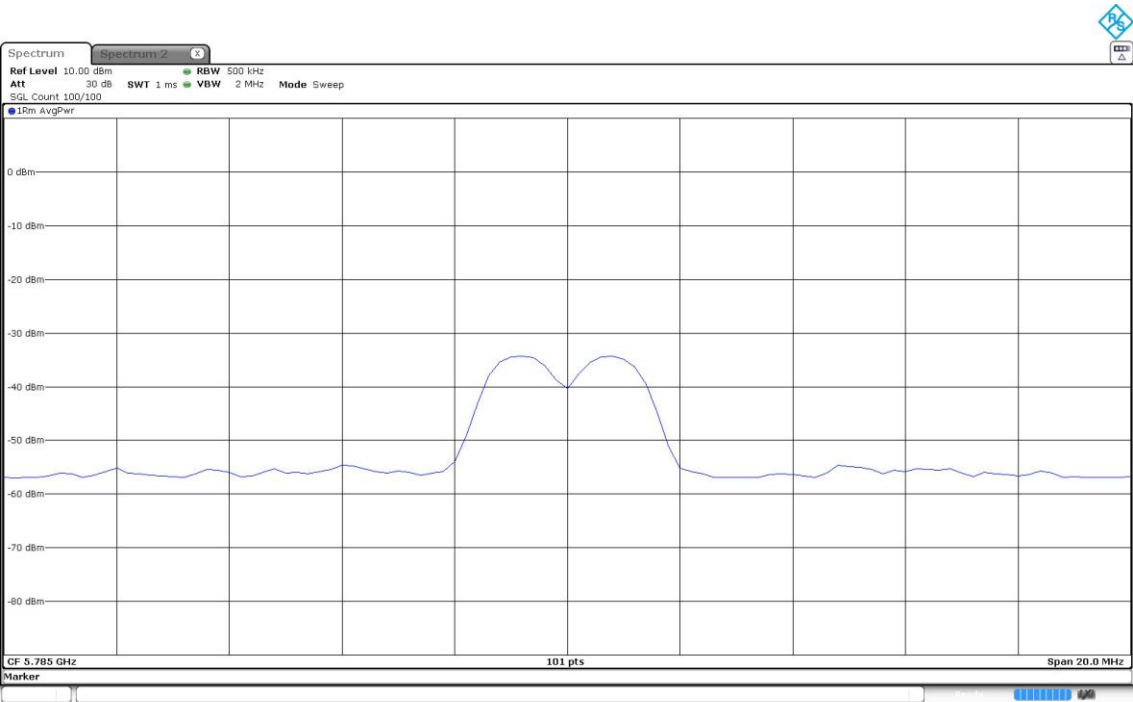
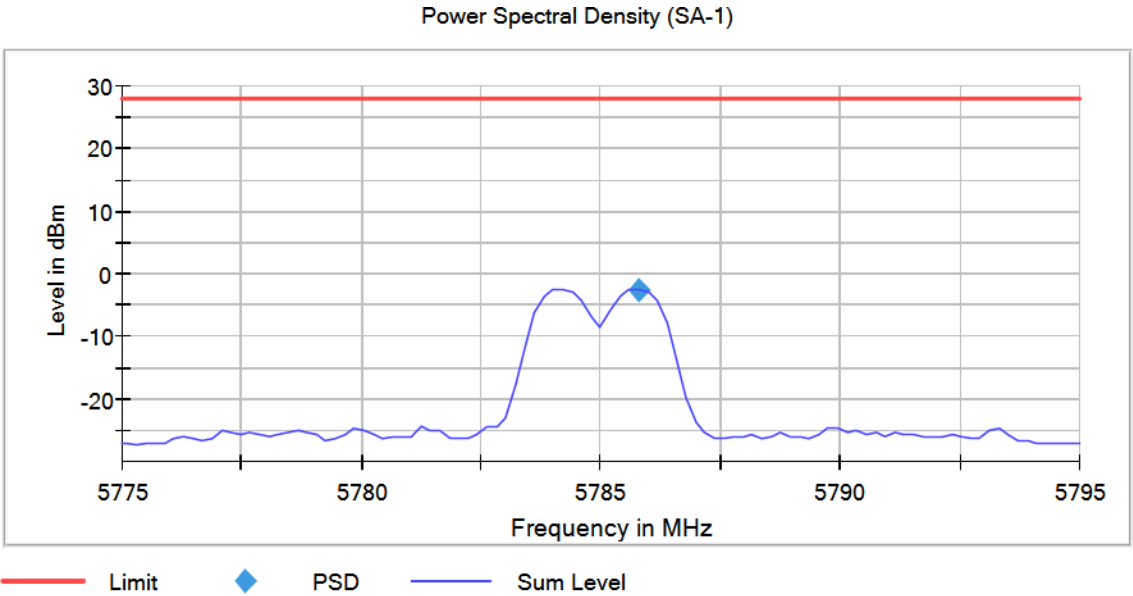
Images:

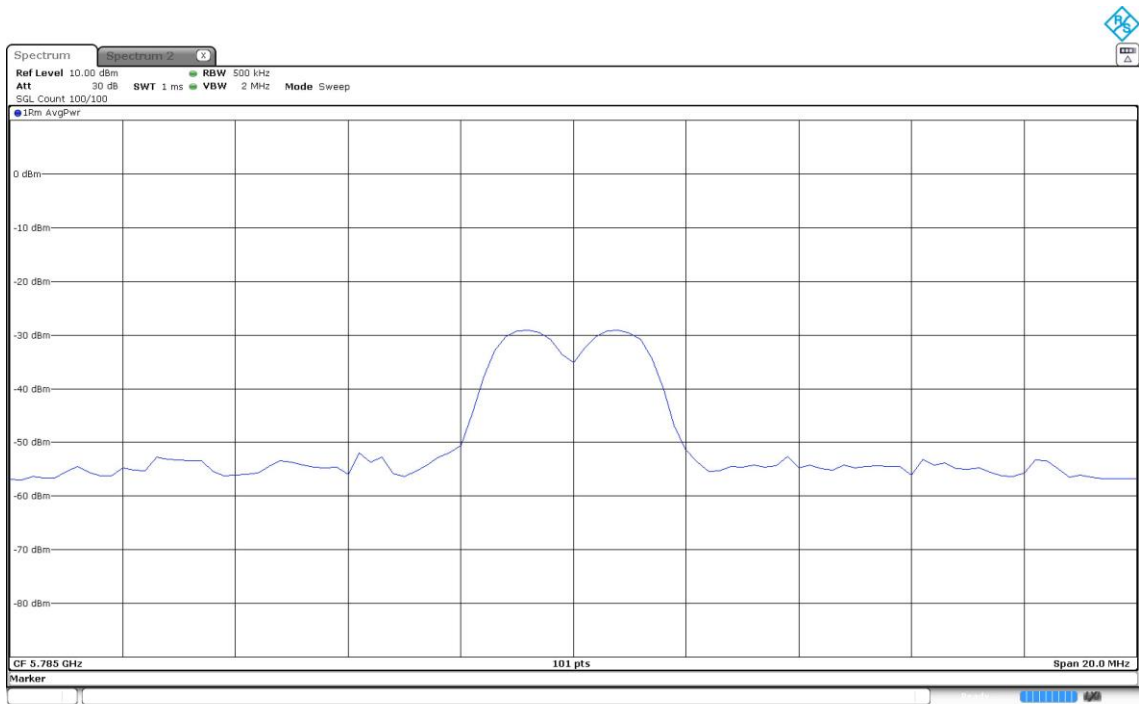




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = RU

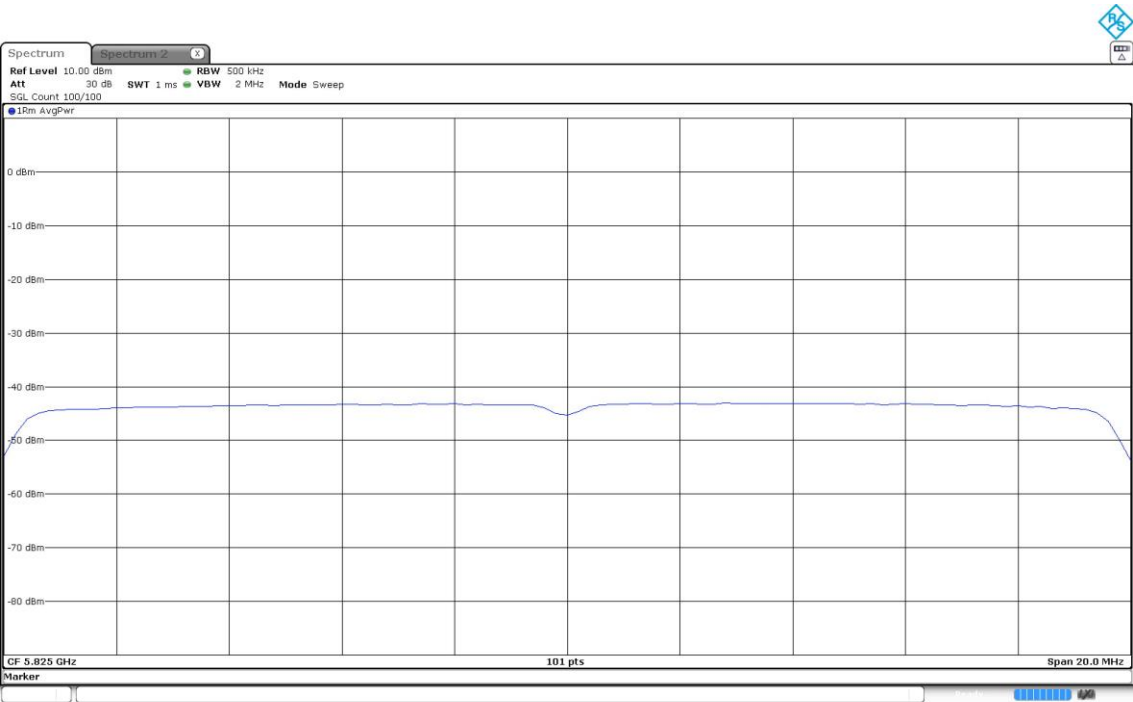
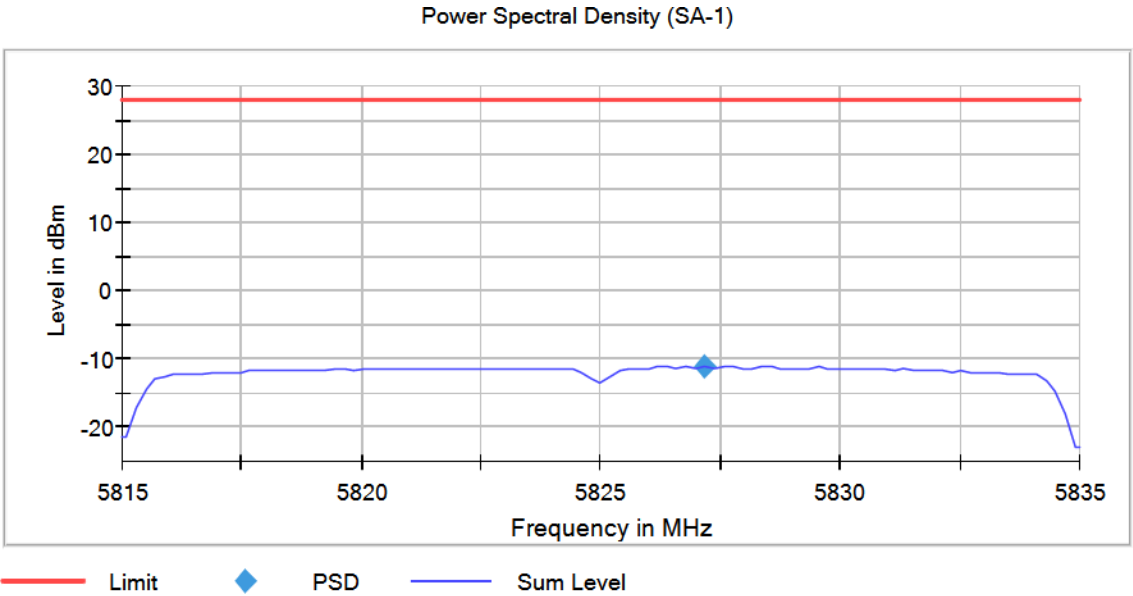
Images:

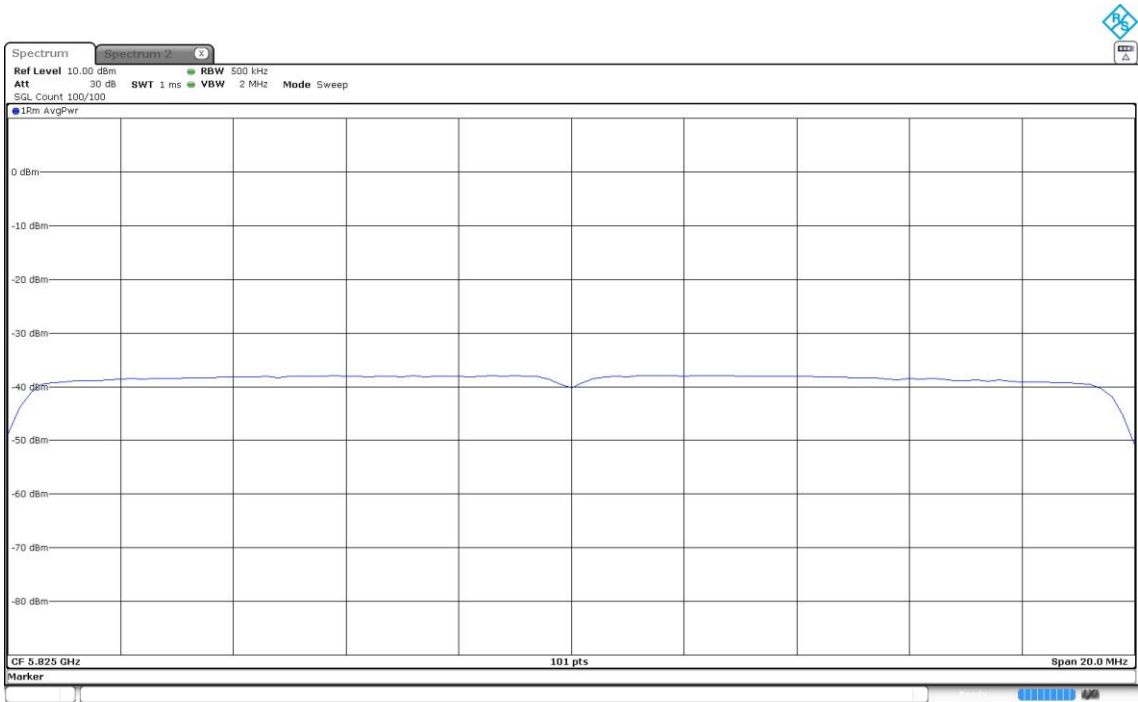




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = SU

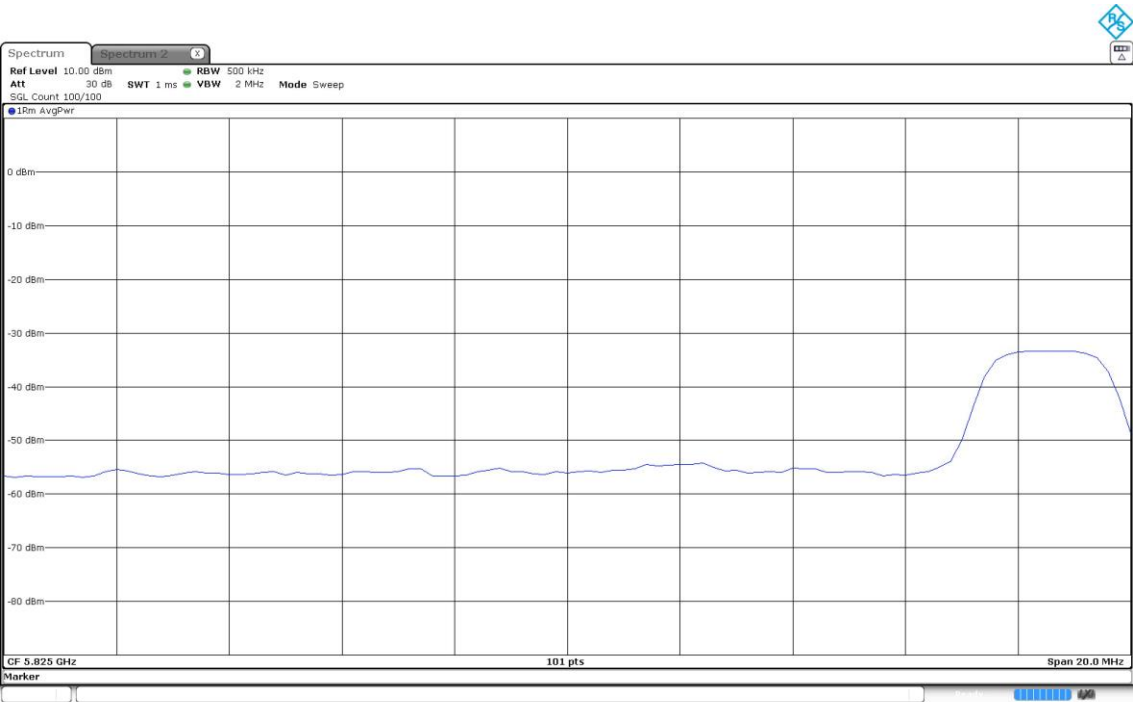
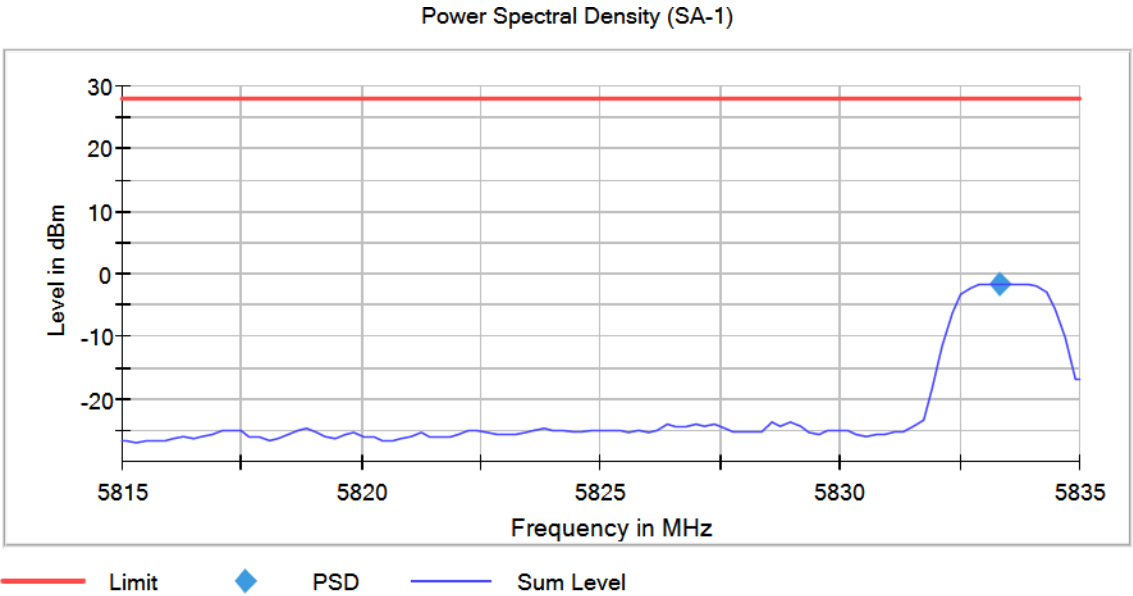
Images:

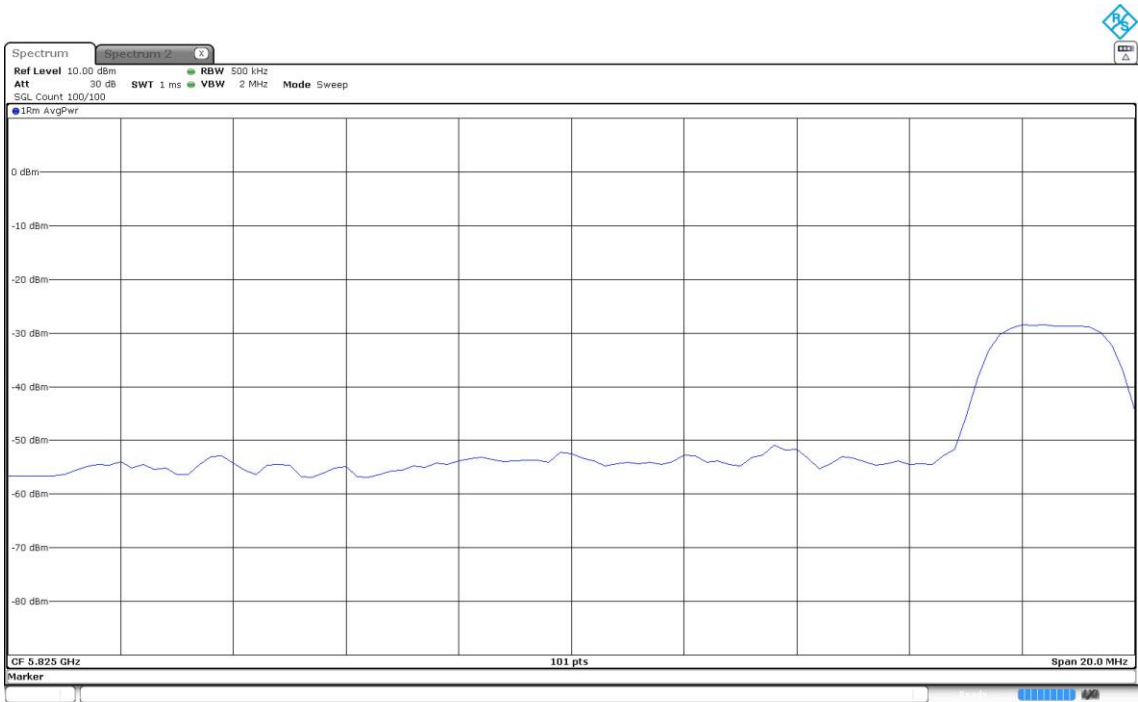




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = RU

Images:





Results

Modulation: 802.11ax HE40 (OFDMA MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Antenna configuration	Subcarrier Mode	Freq (MHz)	PSD (dBm)
[5725, 5850]	3+4	5755.00000	No	MIMO CDD Mode 2x2	SU	5736.875000	-1.86
					RU	5758.125000	-14.16
		5795.00000			SU	5812.625000	-1.86
					SU	5797.125000	-13.72

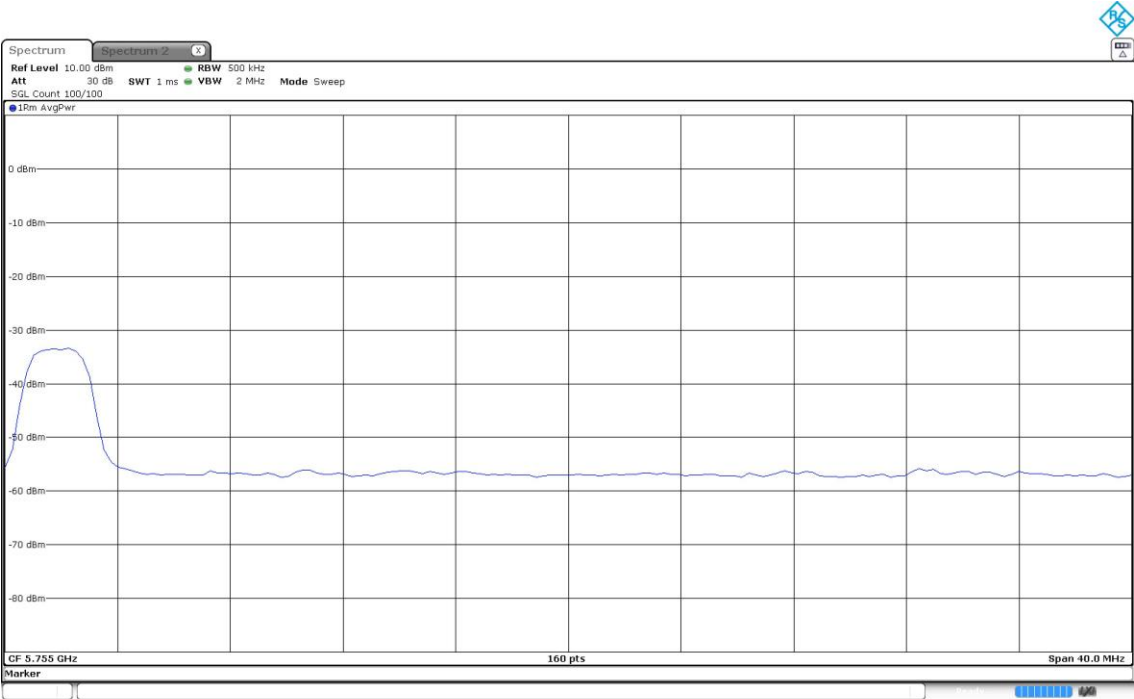
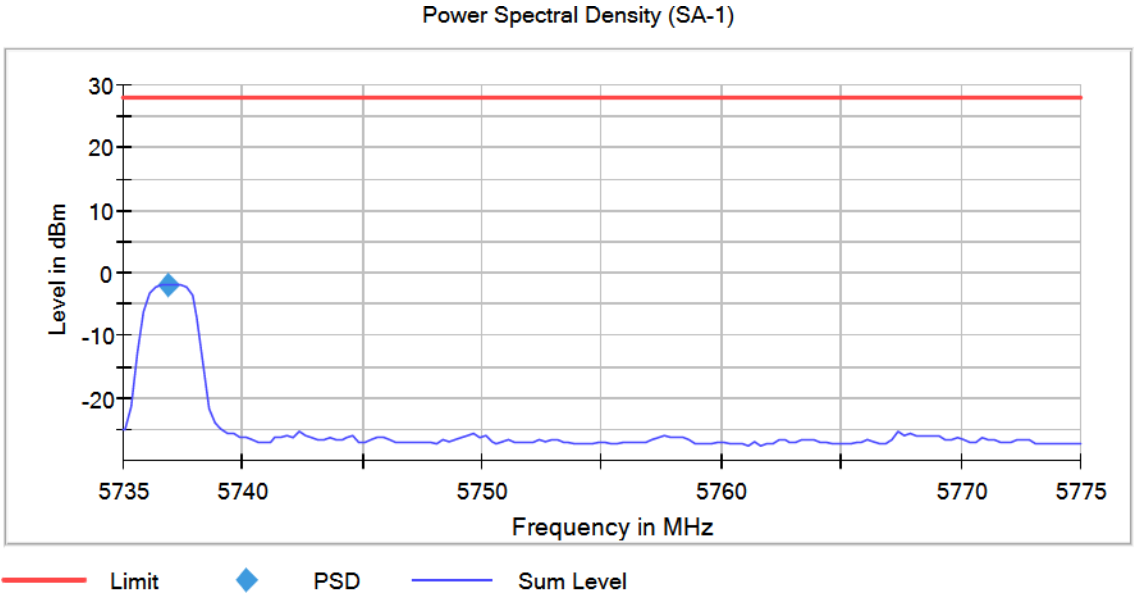
Verdict

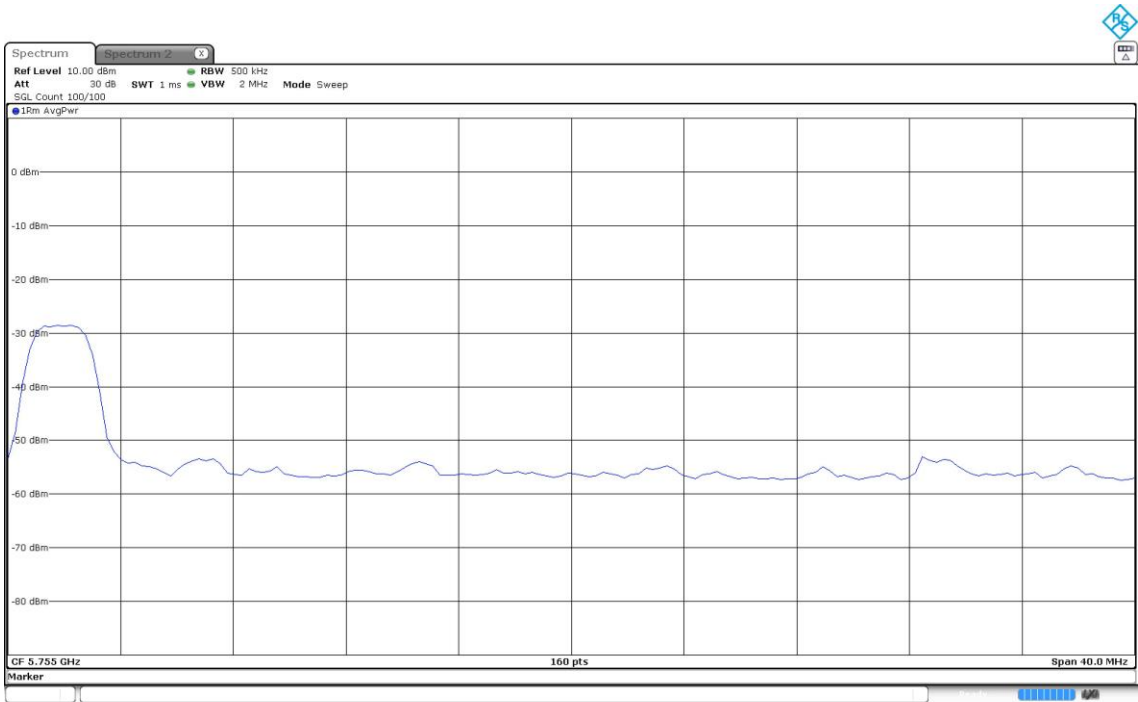
Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = RU

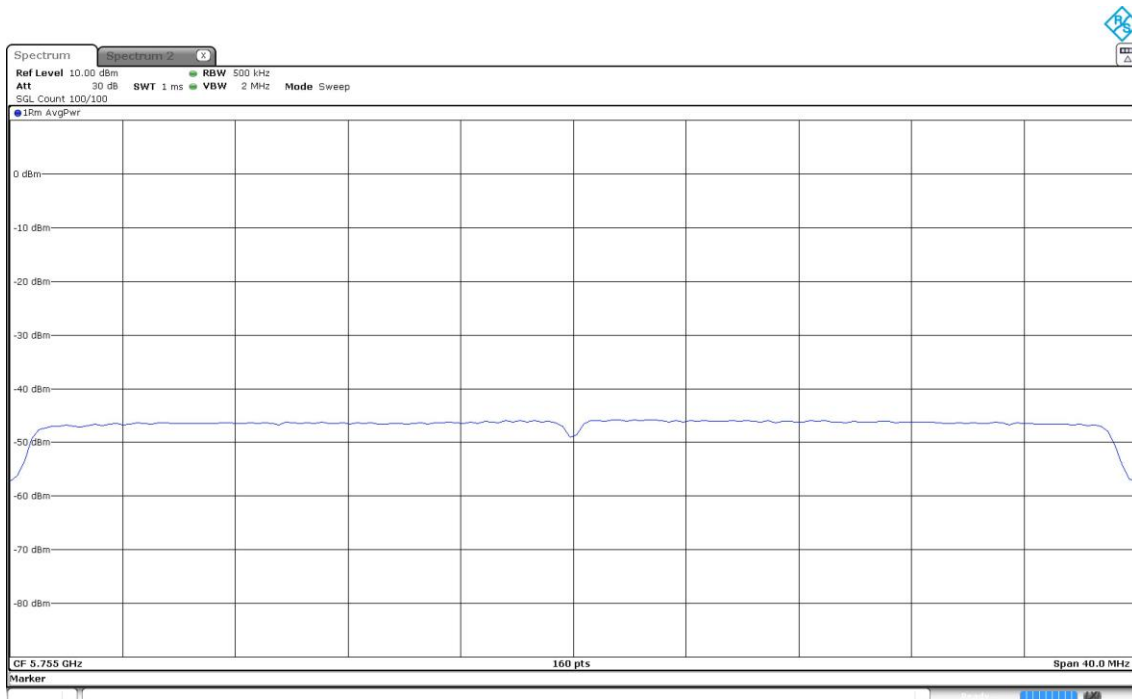
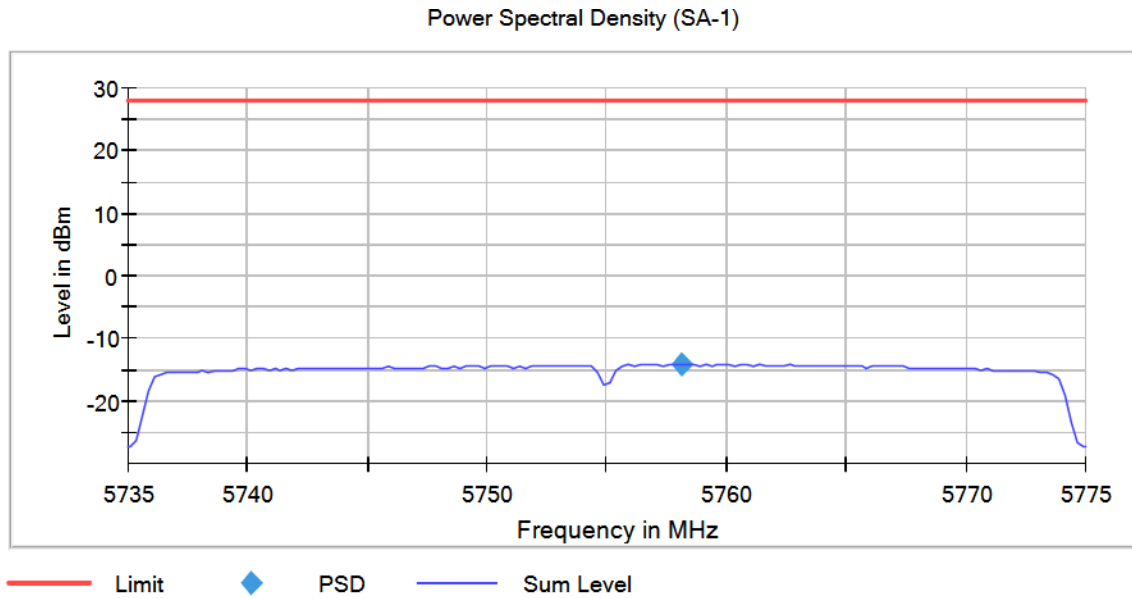
Images:

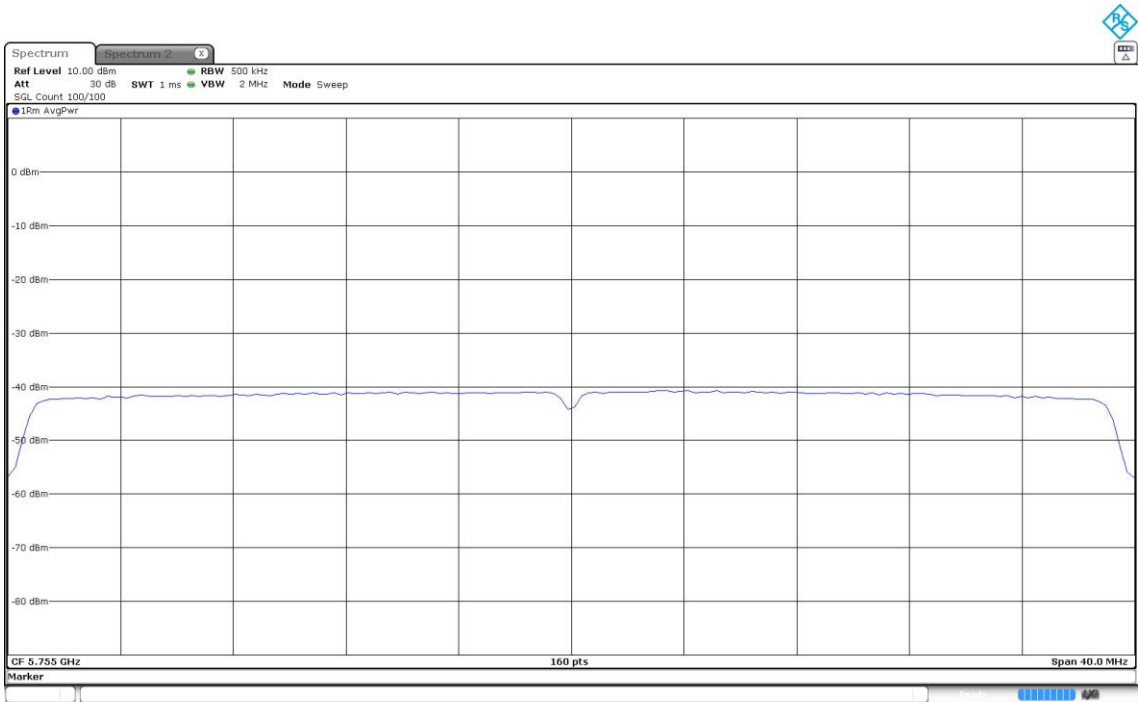




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = SU

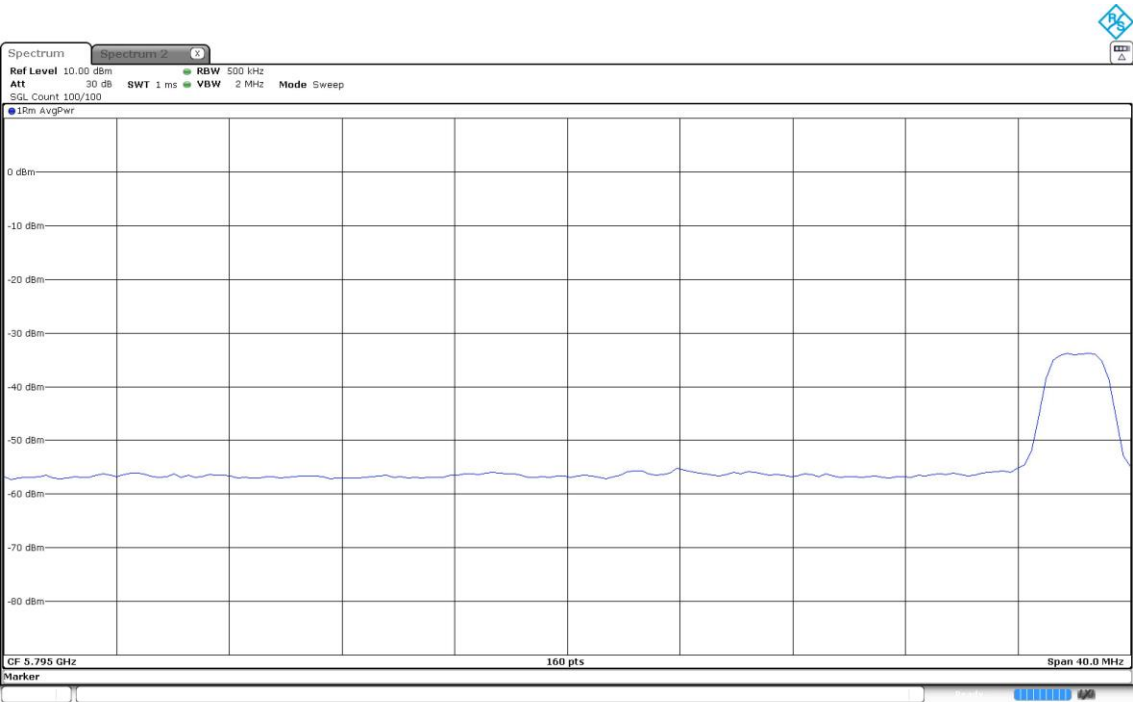
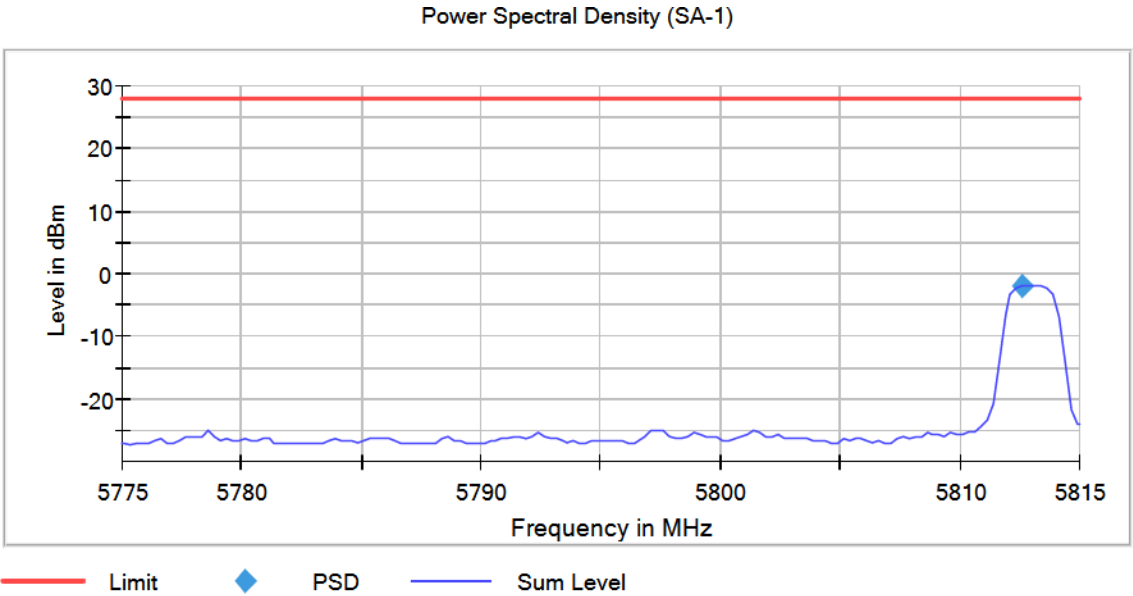
Images:

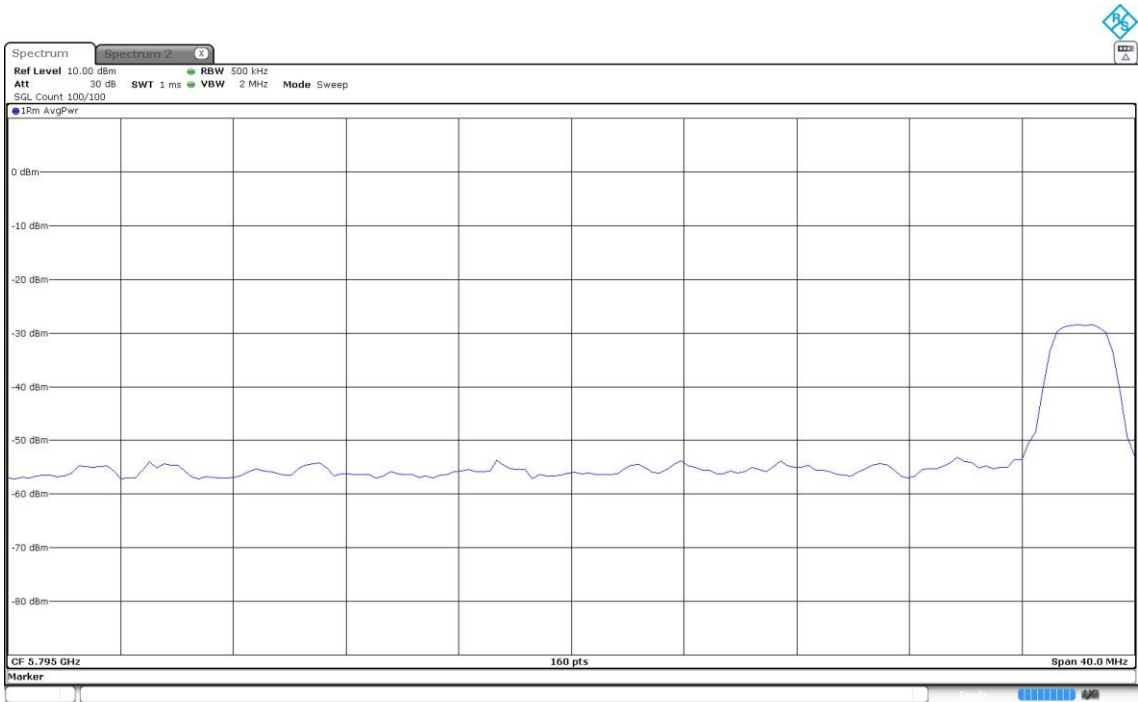




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = RU

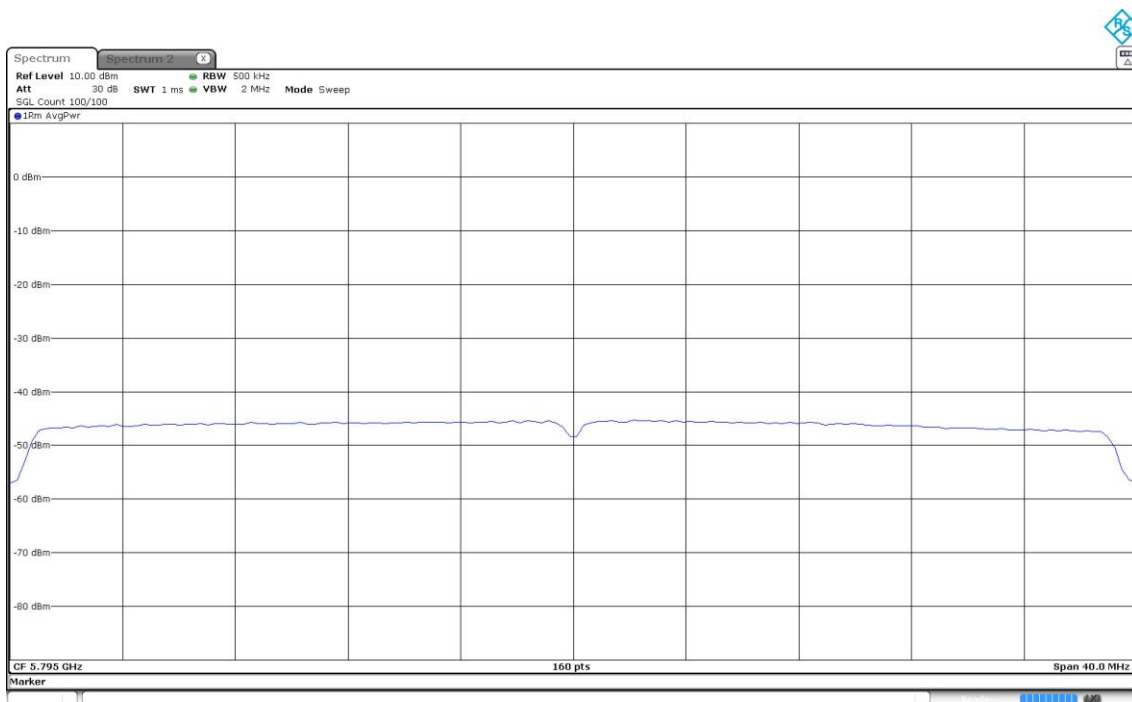
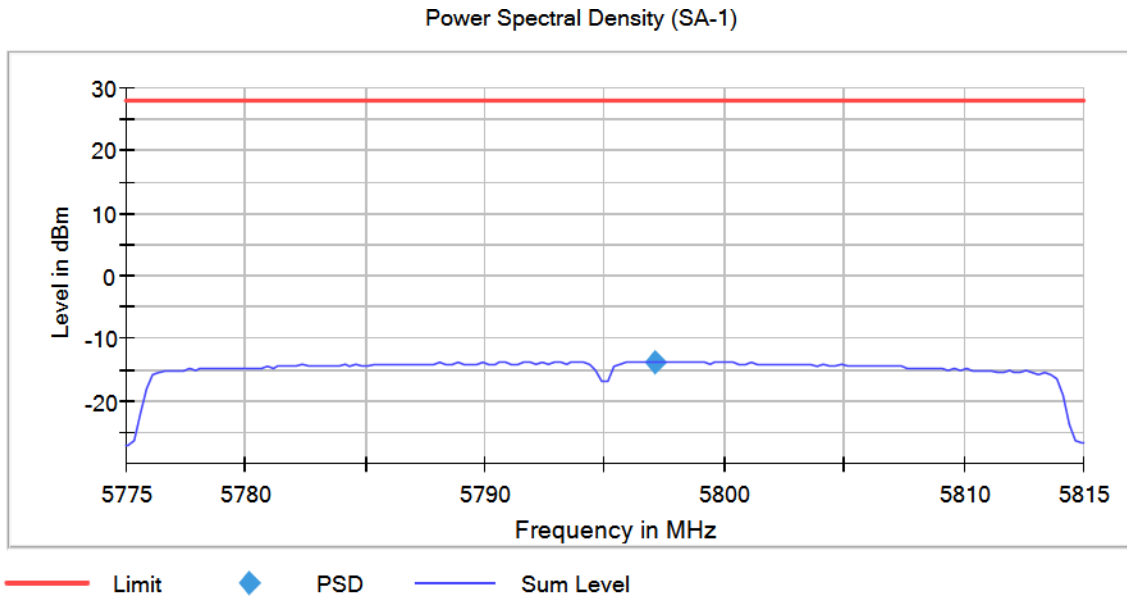
Images:

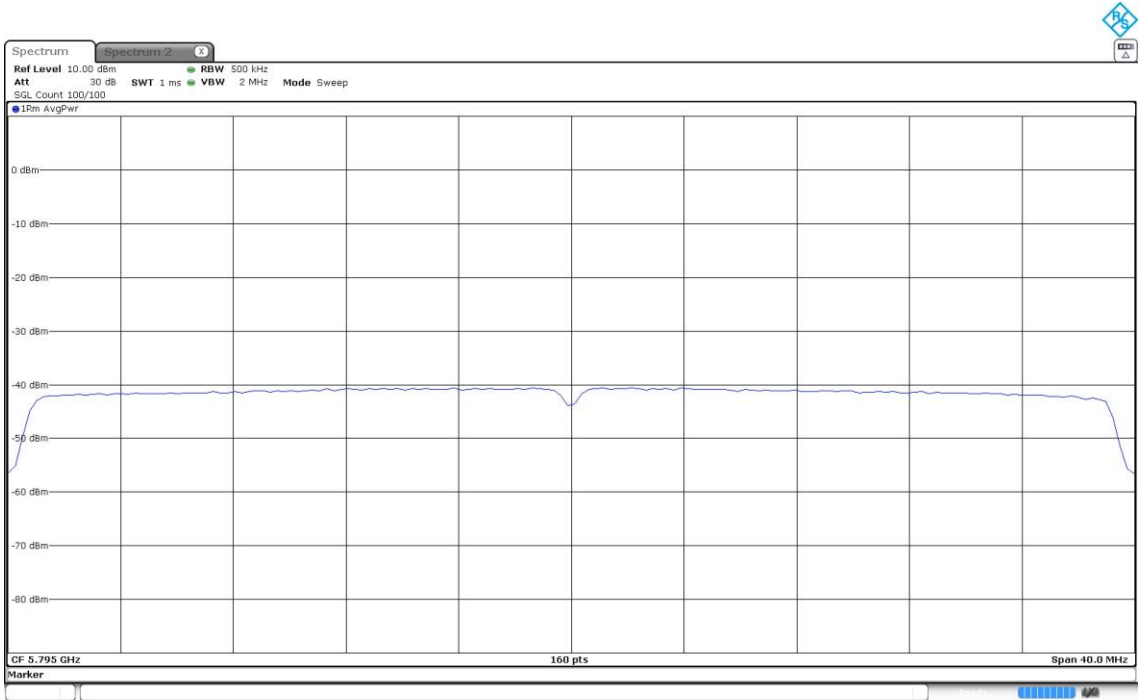




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = SU

Images:





Results

Modulation: 802.11ax HE80 (OFDMA MCS0)

Operation Band (MHz)	Port	Freq (MHz)	TPC	Antenna configuration	Subcarrier Mode	Freq (MHz)	PSD (dBm)
[5725, 5850]	3+4	5775.00000	No	MIMO CDD Mode 2x2	SU	5779.875000	-16.59
					RU	5736.625000	-1.82

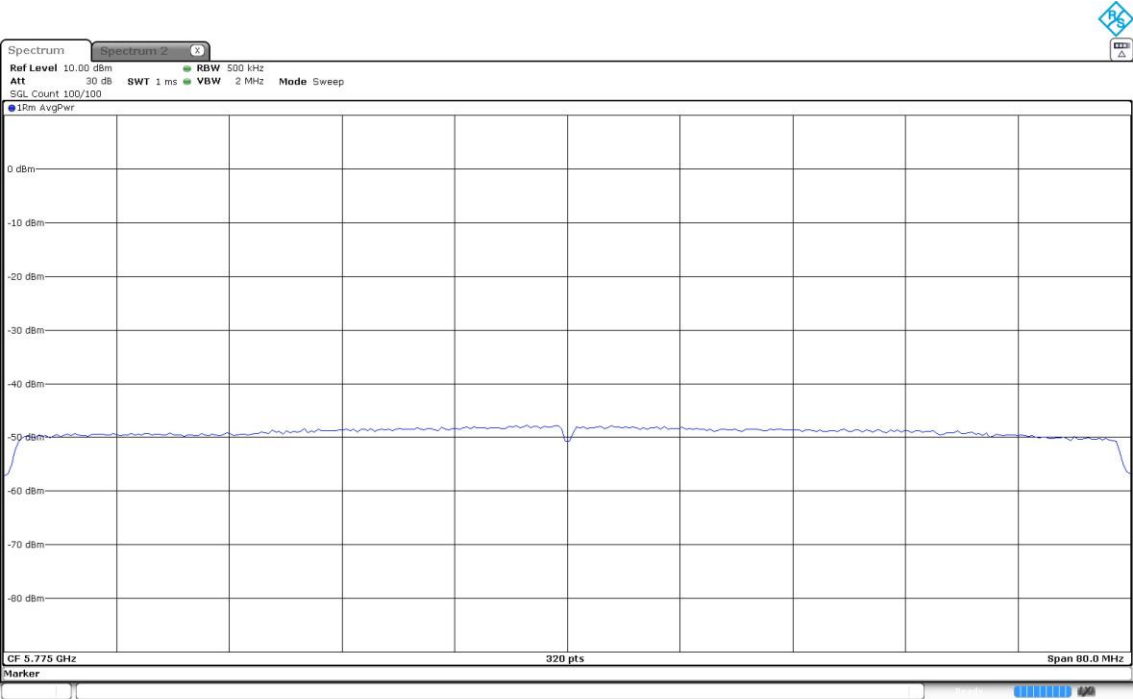
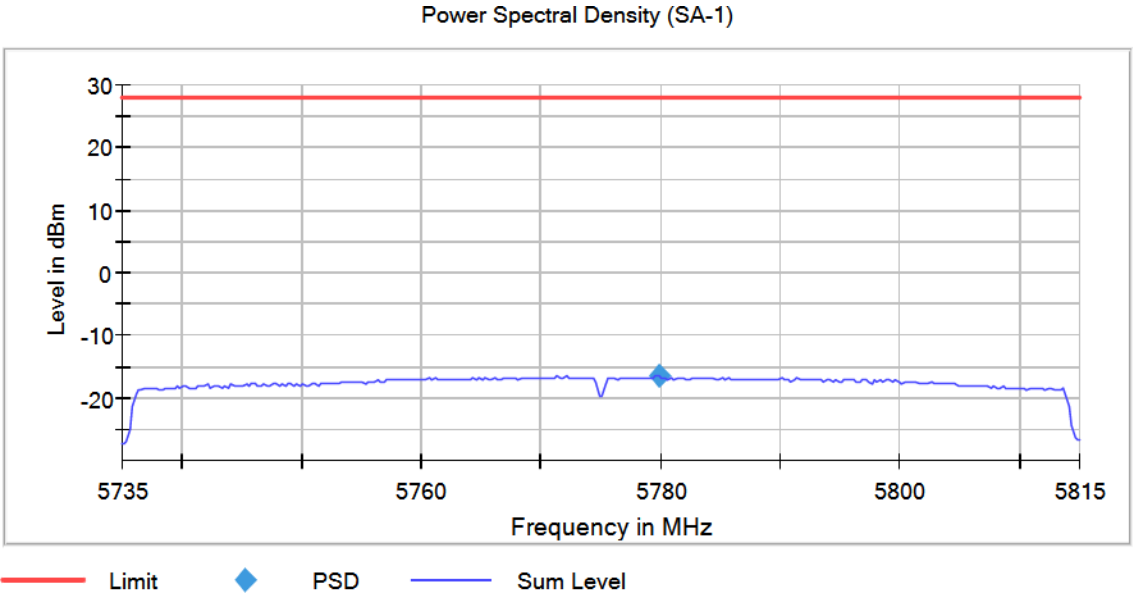
Verdict

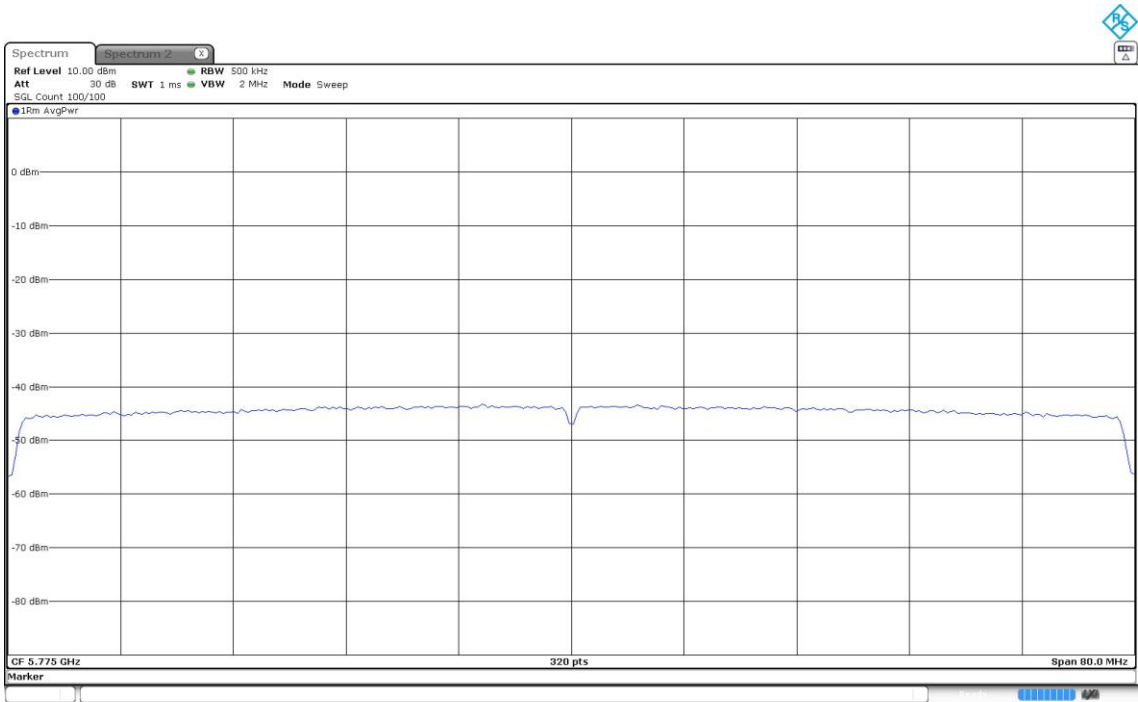
Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = SU

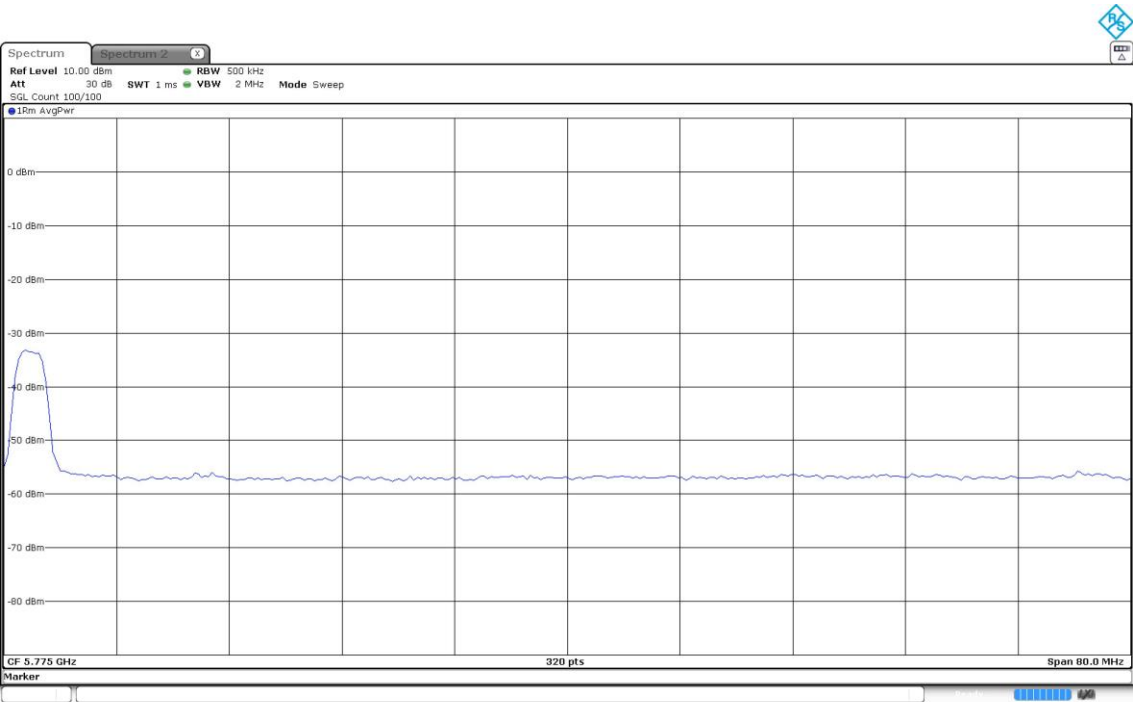
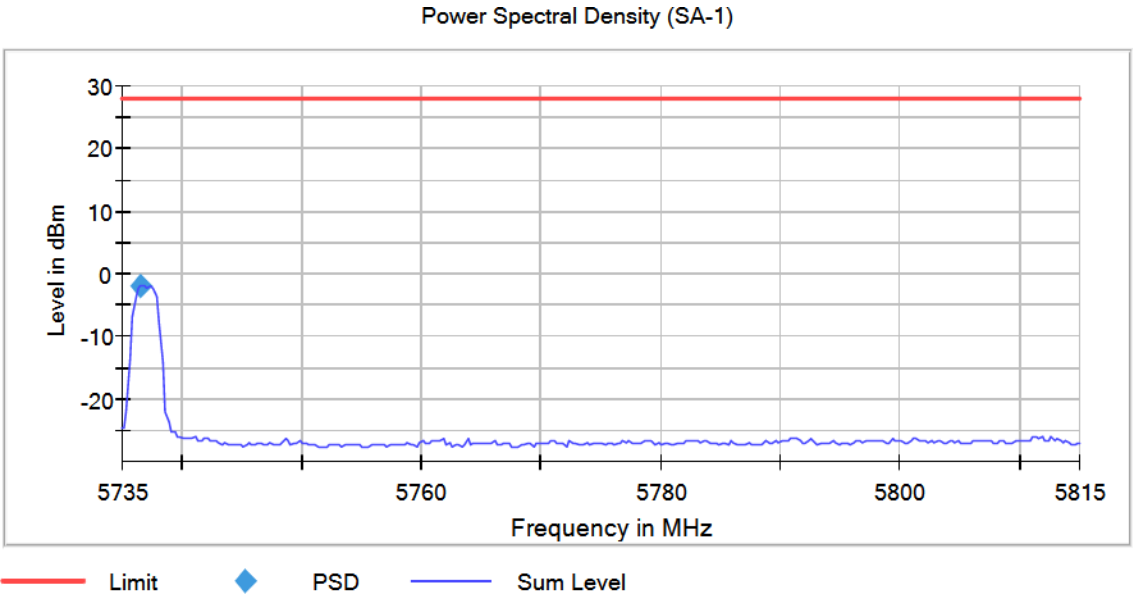
Images:

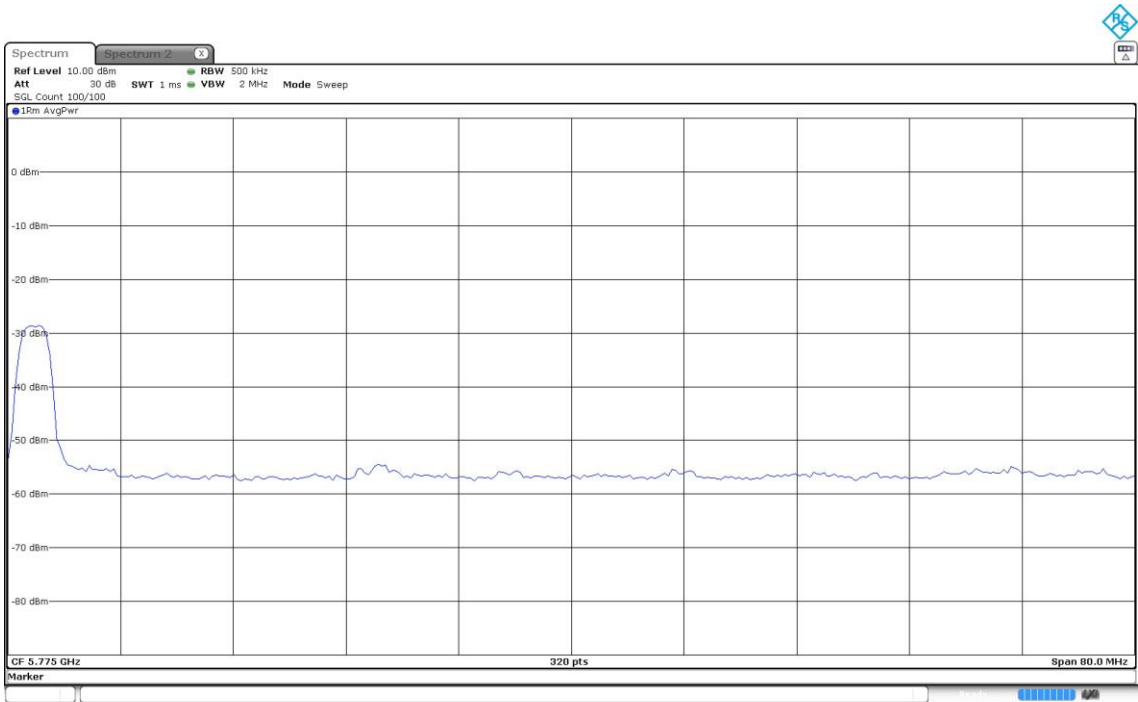




Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 (OFDMA MCS0)
TPC = No Antenna configuration = MIMO CDD Mode 2x2
Subcarrier Mode = RU

Images:





RSS-247 6.2.4.1 / FCC 15.407 (e) [6dBw] 6 dB Emission Bandwidth

Limits

The minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5725, 5850]	3+4	5745.00000	17.650
		5785.00000	17.650
		5825.00000	17.650

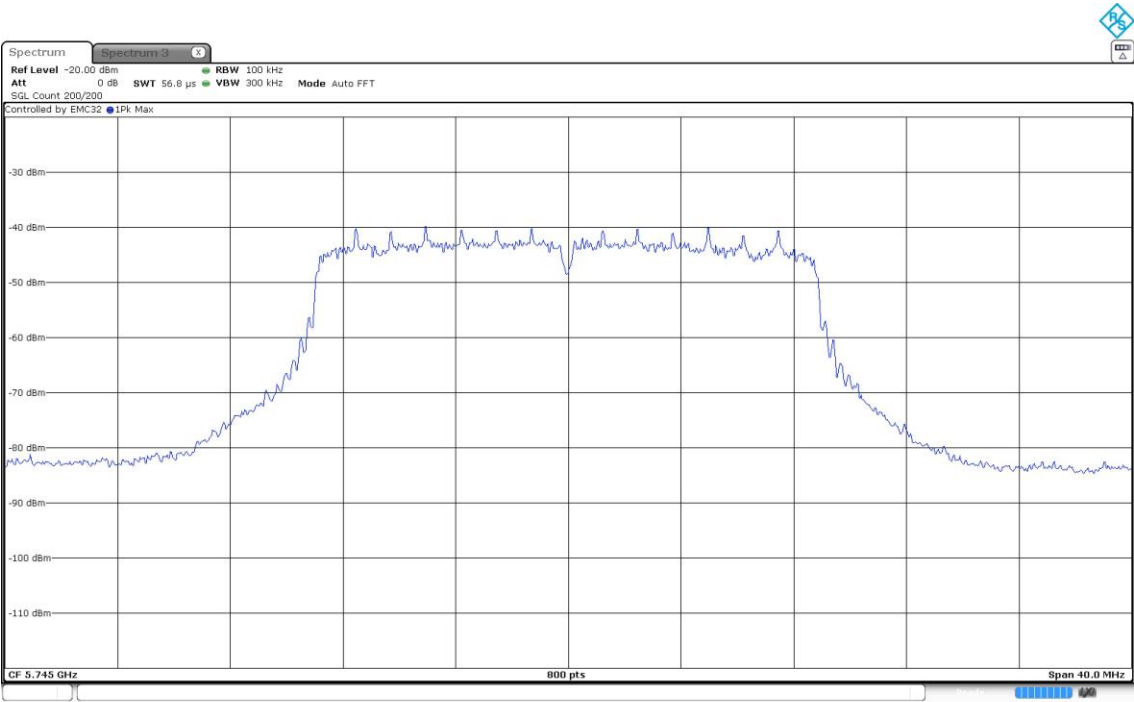
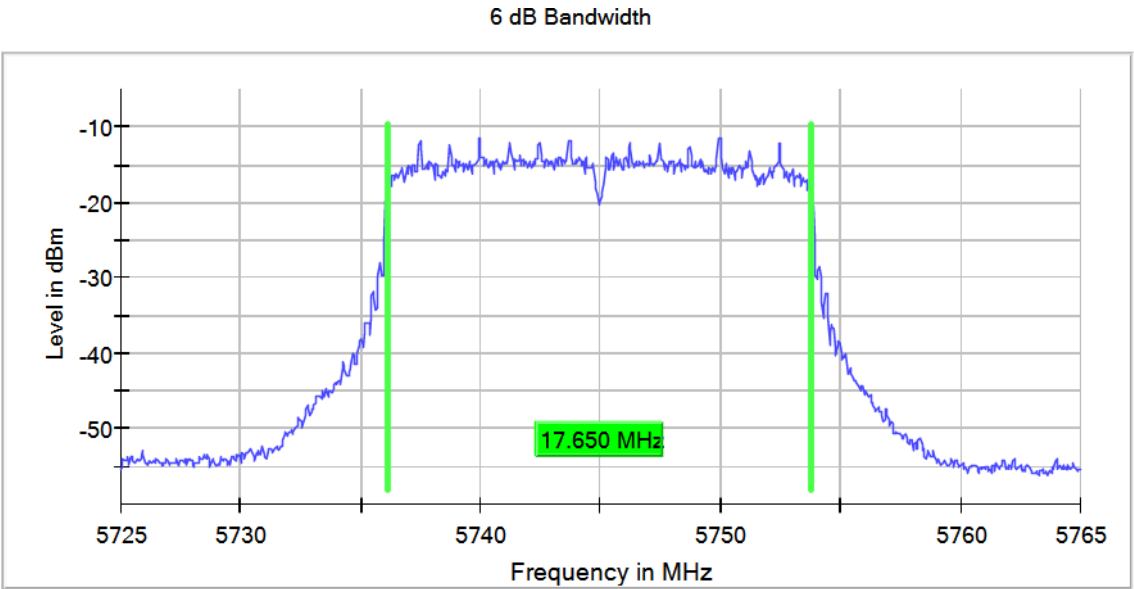
Verdict

Pass

Attachments

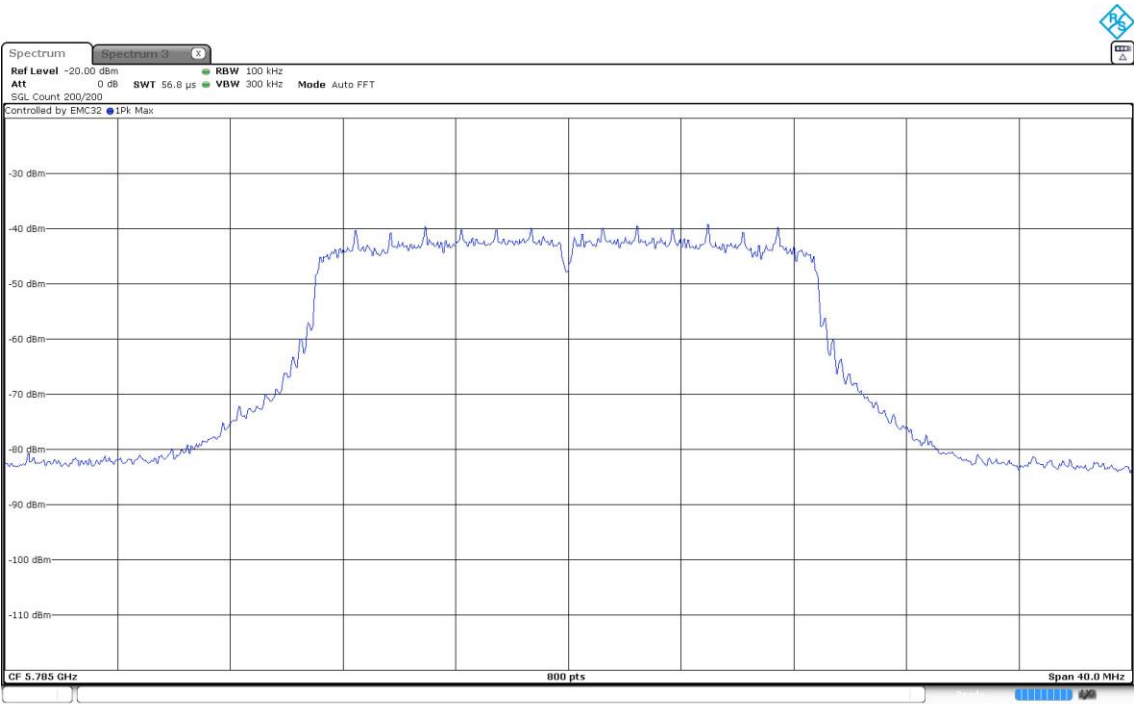
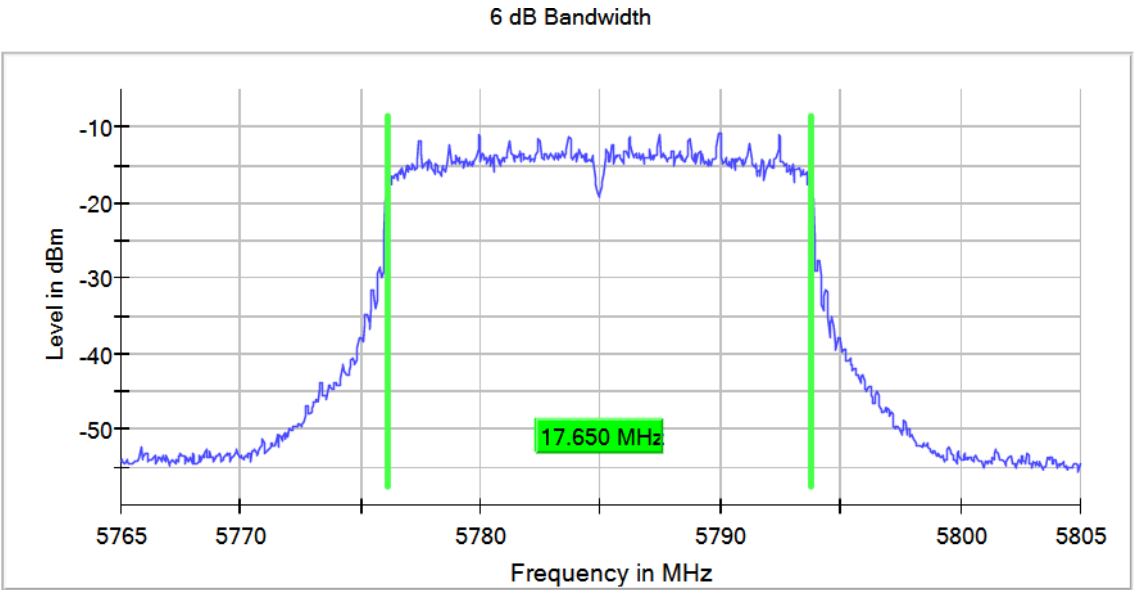
Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5745.00000 Modulation = 802.11n HT20 (OFDM MCS0)

Images:



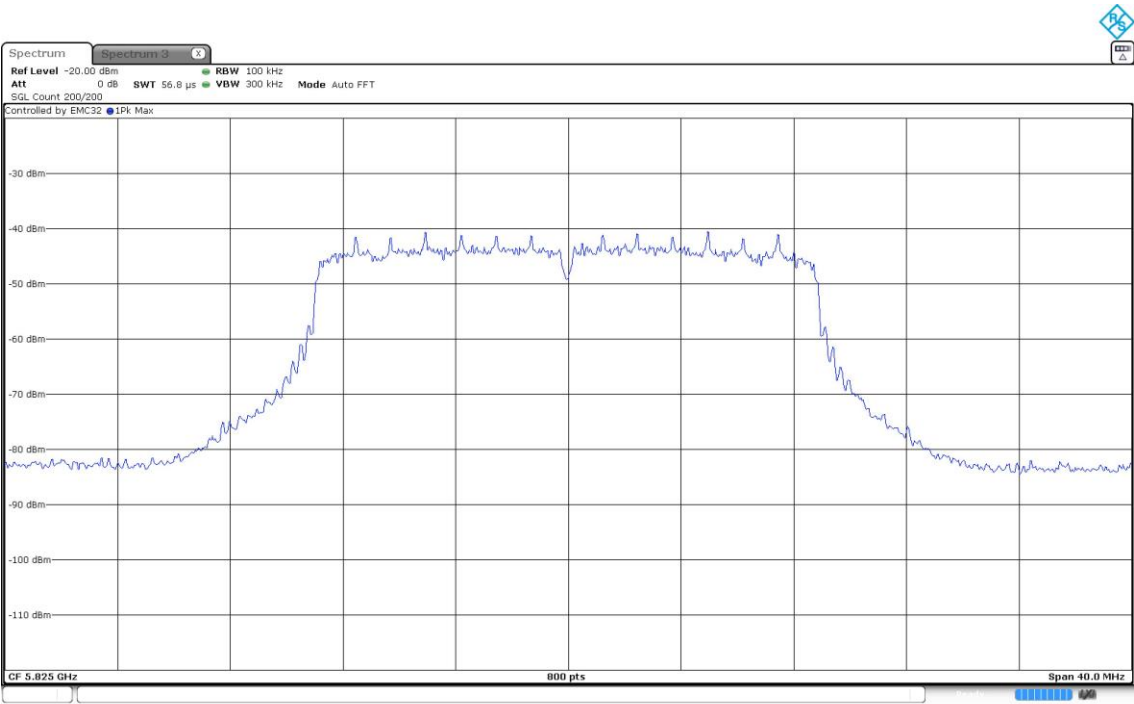
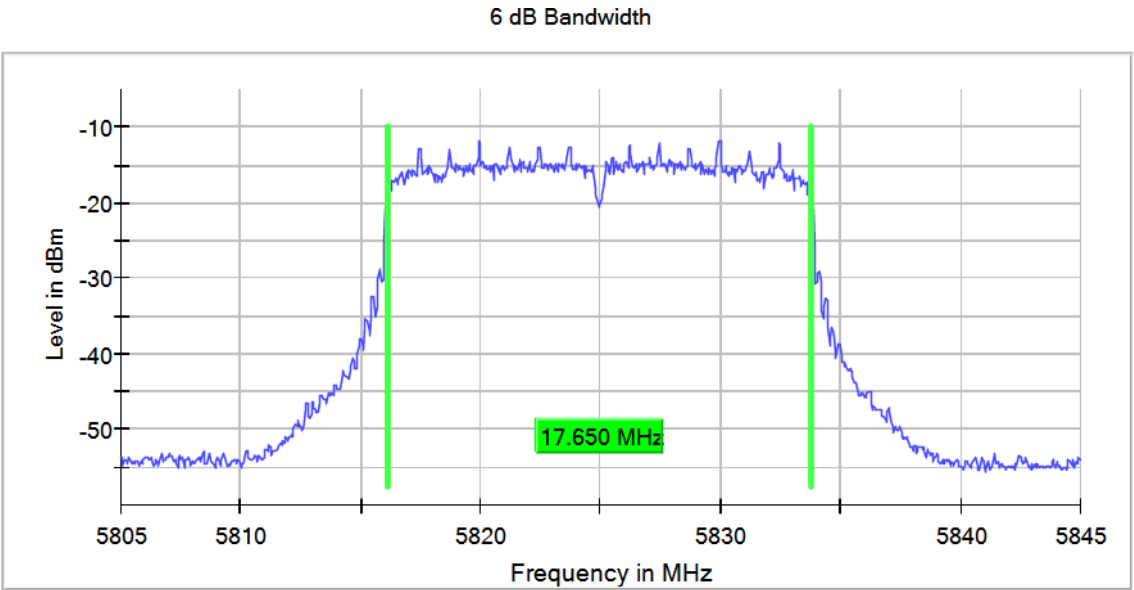
Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5785.00000 Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Operation Band MHz = [5725, 5850] Active Port = 3+4
Frequency MHz = 5825.00000 Modulation = 802.11n HT20 (OFDM MCS0)

Images:



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

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5725, 5850]	3+4	5755.00000	36.500
		5795.00000	35.950

Verdict

Pass

Attachments

Operation Band MHz = [5725, 5850] Active Port = 3+4

Frequency MHz = 5755.00000

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

Images:

6 dB Bandwidth

