

# FCC Test Report

Report No.: AGC10849211002FE06

**FCC ID** : VTJ-M1  
**APPLICATION PURPOSE** : Original Equipment  
**PRODUCT DESIGNATION** : Brama S-C  
**BRAND NAME** : SoloProtect  
**MODEL NAME** : M1  
**APPLICANT** : SoloProtect Limited  
**DATE OF ISSUE** : Dec. 14, 2021  
**STANDARD(S)** : FCC Part 15.407  
**TEST PROCEDURE(S)** : KDB 789033 D02 v02r01  
**REPORT VERSION** : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd



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Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



## REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Dec. 14, 2021	Valid	Initial Release

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Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





## 1. VERIFICATION OF CONFORMITY

<b>Applicant</b>	SoloProtect Limited
<b>Address</b>	Suzy Lamplugh House, 1 Vantage Drive, Sheffield, South Yorkshire, S9 1RG
<b>Manufacturer</b>	Shenzhen Unicair Communication Technology Co., Ltd.
<b>Address</b>	8-9/F, Block1, Wutong Island, Shunchang Rd., Xixiang, Bao'an District, Shenzhen China.
<b>Factory</b>	Dongguan Unicair Communication Technology Co.,Ltd.
<b>Address</b>	49 Yinhu Road, Qiaotou Town, Dongguan City, Guangdong Province, China
<b>Product Designation</b>	Brama S-C
<b>Brand Name</b>	SoloProtect
<b>Test Model</b>	M1
<b>Date of test</b>	Oct. 14, 2021~Dec. 14, 2021
<b>Deviation</b>	No any deviation from the test method
<b>Condition of Test Sample</b>	Normal
<b>Test Result</b>	Pass
<b>Report Template</b>	AGCRT-US-BGN/RF

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with requirement of FCC Part 15 Rules requirement.

Prepared By

*Eder zhan*

Eder Zhan  
(Project Engineer)

Dec. 14, 2021

Reviewed By

*Calvin Liu*

Calvin Liu  
(Reviewer)

Dec. 14, 2021

Approved By

*Max Zhang*

Max Zhang  
Authorized Officer

Dec. 14, 2021

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## 2. GENERAL INFORMATION

### 2.1. PRODUCT DESCRIPTION

The EUT is designed as “Brama S-C”. It is designed by way of utilizing the OFDM technology to achieve the system operation.

A major technical description of EUT is described as following

<b>Equipment Type</b>	<input type="checkbox"/> Outdoor access points <input type="checkbox"/> Fixed P2P access points	<input type="checkbox"/> Indoor access points <input checked="" type="checkbox"/> Client devices
<b>Operation Frequency</b>	<input checked="" type="checkbox"/> U-NII 1:5150MHz~5250MHz <input type="checkbox"/> U-NII 2C:5470MHz~5725MHz	<input type="checkbox"/> U-NII 2A: 5250MHz~5350MHz <input checked="" type="checkbox"/> U-NII 3: 5725MHz~5850MHz
<b>DFS Design Type</b>	<input type="checkbox"/> Master <input type="checkbox"/> Slave with radar detection	<input checked="" type="checkbox"/> Slave without radar detection
<b>TPC Function</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Test Frequency Range</b>	For 802.11a/n-HT20/ac-VHT20: 5180~5240MHz, 5745~5825MHz For 802.11n-HT40/ac-VHT40: 5190~5230MHz, 5755~5795MHz For 802.11ac-VHT80: 5210MHz, 5775MHz	
<b>Max Average Power</b>	IEEE 802.11a:12.78dBm; IEEE 802.11n-HT20:11.71dBm; IEEE 802.11n-HT40:15.07dBm; IEEE 802.11ac-VHT20:11.82dBm; IEEE 802.11ac-VHT40:13.28dBm; IEEE 802.11ac-VHT80:13.03dBm	
<b>Modulation</b>	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM,128QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM,128QAM,256QAM)	
<b>Data Rate</b>	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ac: up to 400Mbps	
<b>Number of channels</b>	7 channels of U-NII-1 Band 8 channels of U-NII-3 Band	
<b>Hardware Version</b>	GBE Brama S v2_main_RevA	
<b>Software Version</b>	S-A1.D02.20211008	
<b>Antenna Designation</b>	PIFA Antenna (Comply with requirements of the FCC part 15.203)	
<b>Antenna Gain</b>	U-NII-1: -0.14dBi; U-NII-3: -0.19dBi	
<b>Power Supply</b>	DC 3.85V by battery	

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## 2.2. TABLE OF CARRIER FREQUENCIES

For 5180~5240MHz:

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency	Channel	Frequency
42	5210 MHz	--	--

For 5745~5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
149	5745 MHz	161	5805 MHz
153	5765 MHz	165	5825 MHz
157	5785 MHz	--	--

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency	Channel	Frequency
155	5775 MHz	--	--

### 2.3. RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for **FCC ID: VTJ-M1** filing to comply with the FCC Part 15 requirements.

### 2.4. TEST METHODOLOGY

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

Others testing (listed at item 5.3) was performed according to the procedures in FCC Part 15.407 rules KDB 789033 D02

### 2.5. SPECIAL ACCESSORIES

Refer to section 5.2.

### 2.6. EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

### 2.7. ANTENNA REQUIREMENT

This intentional radiator is designed with a permanently attached antenna of an antenna to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

For more information of the antenna, please refer to the APPENDIX B: PHOTOGRAPHS OF EUT.

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### 3. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95%.

Item	Measurement Uncertainty
Uncertainty of Conducted Emission for AC Port	$U_c = \pm 3.1 \text{ dB}$
Uncertainty of Radiated Emission below 1GHz	$U_c = \pm 4.0 \text{ dB}$
Uncertainty of Radiated Emission above 1GHz	$U_c = \pm 4.8 \text{ dB}$
Uncertainty of total RF power, conducted	$U_c = \pm 0.8 \text{ dB}$
Uncertainty of RF power density, conducted	$U_c = \pm 2.6 \text{ dB}$
Uncertainty of spurious emissions, conducted	$U_c = \pm 2 \%$
Uncertainty of Occupied Channel Bandwidth	$U_c = \pm 2 \%$

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#### 4. DESCRIPTION OF TEST MODES

Mode	Available channel	Tested channel	Modulation	Date rate (Mbps)
802.11a/n/ac20	36,40,44,48, 149,153,157,161,165	36,40,48, 149,157,165	OFDM	6Mbps/MCS0
802.11n/ac40	38,46,151,159	38,46, 151,159	OFDM	MCS0
802.11ac80	42, 155	42, 155	OFDM	MCS0

**Note:**

1. The EUT has been set to operate continuously on tested channel individually, and the EUT is operating at its maximum duty cycle>or equal 98%.
2. All modes under which configure applicable have been tested and the worst mode test data recording in the test report, if no other mode data.
3. The test software is through engineering commands, EUT can be set to a separate test mode.

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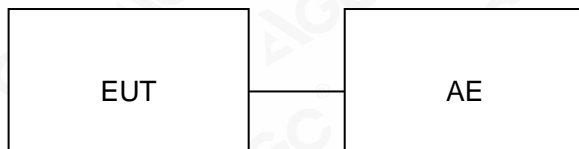
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## 5. SYSTEM TEST CONFIGURATION

### 5.1. CONFIGURATION OF EUT SYSTEM

Configure 1:



### 5.2. EQUIPMENT USED IN EUT SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	Brama S-C	M1	VTJ-M1	EUT
2	Battery	Brama S v2	DC 3.85V 1070mAh	EUT

### 5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§15.407	6dB Bandwidth	Compliant
§15.407	Emission Bandwidth	Compliant
§15.407	Maximum conducted output power	Compliant
§15.407	Conducted Spurious Emission	Compliant
§15.407	Maximum Conducted Output Power Density	Compliant
§15.209	Radiated Emission	Compliant
§15.407	Band Edges	Compliant
§15.207	Line Conduction Emission	Compliant

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## 6. TEST FACILITY

<b>Test Site</b>	Attestation of Global Compliance (Shenzhen) Co., Ltd
<b>Location</b>	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
<b>Designation Number</b>	CN1259
<b>FCC Test Firm Registration Number</b>	975832
<b>A2LA Cert. No.</b>	5054.02
<b>Description</b>	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA

### TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	101206	May 15, 2021	May 14, 2022
LISN	R&S	ESH2-Z5	100086	Jun. 09, 2021	Jun. 08, 2022
Test software	R&S	ES-K1 (Ver V1.71)	N/A	N/A	N/A

### TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Apr. 14, 2021	Apr. 13, 2022
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 07, 2020	Dec. 06, 2021
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 05, 2021	Dec. 04, 2022
2.4GHz Filter	EM Electronics	2400-2500MHz	N/A	Mar. 23, 2020	Mar. 22, 2022
Attenuator	ZHINAN	E-002	N/A	Sep. 03, 2020	Sep. 02, 2022
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep. 19, 2021	Sep. 18, 2023
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	May 22, 2020	May 21, 2022
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	Apr. 23, 2021	Apr. 22, 2023
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Sep. 03, 2020	Sep. 02, 2022
ANTENNA	SCHWARZBECK	VULB9168	494	Jan. 08, 2021	Jan. 07, 2023
Test software	Tonscend	JS32-RE (Ver.2.5)	N/A	N/A	N/A

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## 7. MAXIMUM CONDUCTED OUTPUT POWER

### 7.1. MEASUREMENT PROCEDURE

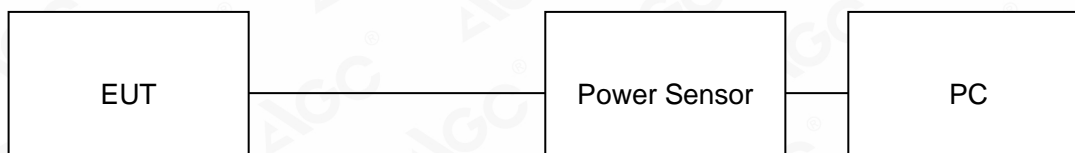
For average power test:

1. Connect EUT RF output port to power sensor through an RF attenuator.
2. Connect the power sensor to the PC.
3. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
4. Record the maximum power from the software.

**Note :** The EUT was tested according to KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

### 7.2. TEST SET-UP

#### AVERAGE POWER SETUP



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### 7.3. LIMITS AND MEASUREMENT RESULT

Test Data of Conducted Output Power for band 5.15-5.25 GHz				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5180	12.78	23.98	Pass
	5200	11.83	23.98	Pass
	5240	11.22	23.98	Pass
802.11n20	5180	11.71	23.98	Pass
	5200	10.98	23.98	Pass
	5240	10.36	23.98	Pass
802.11n40	5190	11.73	23.98	Pass
	5230	10.81	23.98	Pass
802.11ac20	5180	11.82	23.98	Pass
	5200	11.18	23.98	Pass
	5240	10.27	23.98	Pass
802.11ac40	5190	13.28	23.98	Pass
	5230	12.20	23.98	Pass
802.11ac80	5210	10.26	23.98	Pass

Test Data of Conducted Output Power for band 5.725-5.85 GHz				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5745	12.36	23.98	Pass
	5785	11.72	23.98	Pass
	5825	9.44	23.98	Pass
802.11n20	5745	11.48	23.98	Pass
	5785	11.02	23.98	Pass
	5825	8.50	23.98	Pass
802.11n40	5755	15.07	23.98	Pass
	5795	14.13	23.98	Pass
802.11ac20	5745	11.49	23.98	Pass
	5785	10.98	23.98	Pass
	5825	8.45	23.98	Pass
802.11ac40	5755	12.96	23.98	Pass
	5795	12.05	23.98	Pass
802.11ac80	5775	13.03	23.98	Pass

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## 8. BANDWIDTH

### 8.1. MEASUREMENT PROCEDURE

-6dB bandwidth (DTS bandwidth):

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 100kHz.
4. Set the VBW  $\geq 3 \times$  RBW. Detector = Peak. Trace mode = max hold.
5. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.

99% occupied bandwidth:

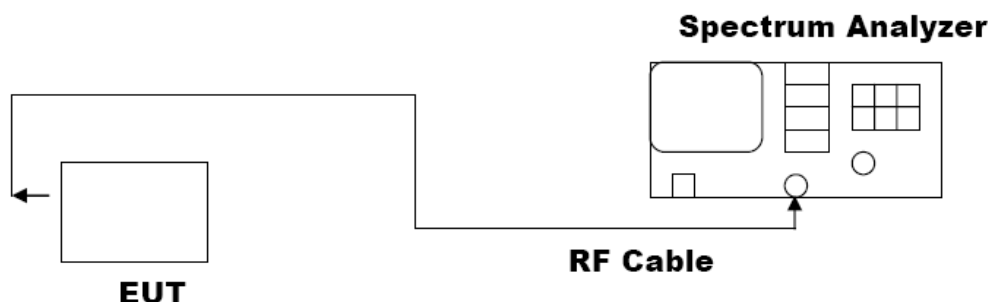
1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set Span = approximately 1.5 to 5 times the OBW, centered on a nominal channel  
The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW; Sweep = auto; Detector function = peak
4. Set SPA Trace 1 Max hold, then View.

-26dB Bandwidth:

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.  
Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

**Note:** The EUT was tested according to KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

### 8.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)



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### 8.3. LIMITS AND MEASUREMENT RESULTS

Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5180	16.613	23.347	N/A	Pass
	5200	16.516	20.907	N/A	Pass
	5240	16.535	21.045	N/A	Pass
802.11n20	5180	17.877	21.577	N/A	Pass
	5200	17.882	21.699	N/A	Pass
	5240	17.922	26.154	N/A	Pass
802.11n40	5190	36.355	41.755	N/A	Pass
	5230	36.383	49.650	N/A	Pass
802.11ac20	5180	17.895	21.746	N/A	Pass
	5200	17.908	22.324	N/A	Pass
	5240	17.916	24.652	N/A	Pass
802.11ac40	5190	36.600	45.203	N/A	Pass
	5230	36.595	46.541	N/A	Pass
802.11ac80	5210	75.846	80.844	N/A	Pass

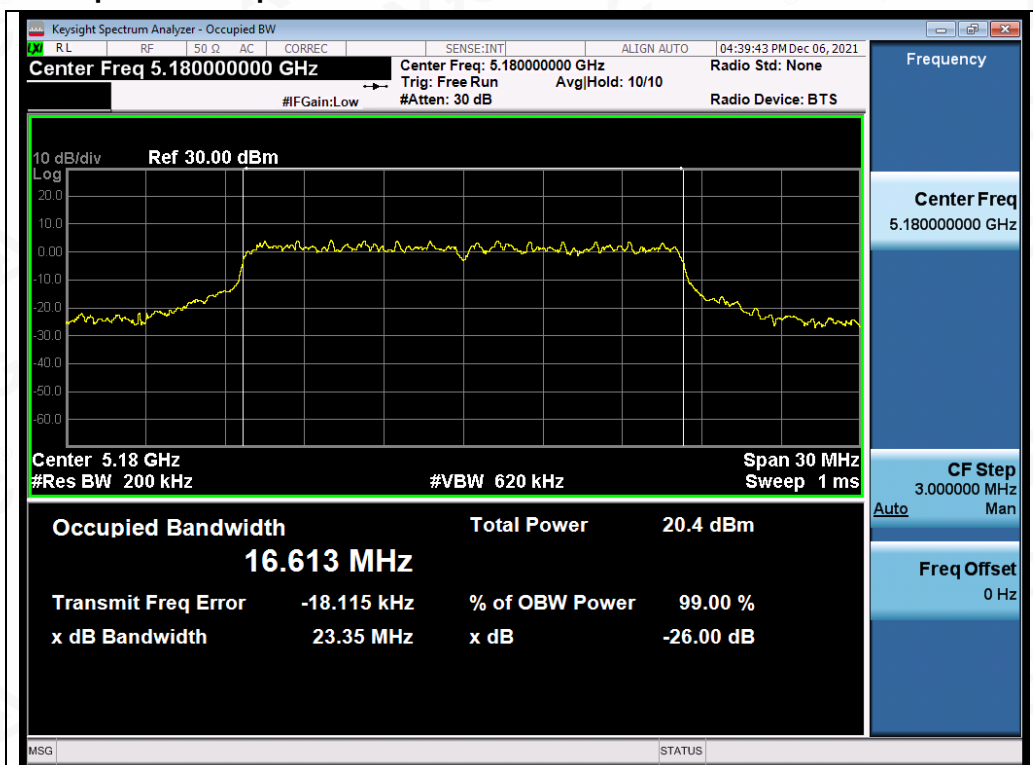
Test Data of Occupied Bandwidth and DTS Bandwidth for band 5.725-5.85 GHz					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5745	16.625	16.371	0.5	Pass
	5785	16.508	16.393	0.5	Pass
	5825	16.524	16.320	0.5	Pass
802.11n20	5745	17.909	17.591	0.5	Pass
	5785	17.925	17.595	0.5	Pass
	5825	17.902	17.609	0.5	Pass
802.11n40	5755	36.845	36.358	0.5	Pass
	5795	37.261	36.371	0.5	Pass
802.11ac20	5745	17.887	17.588	0.5	Pass
	5785	17.919	17.605	0.5	Pass
	5825	17.897	17.581	0.5	Pass
802.11ac40	5755	36.487	36.433	0.5	Pass
	5795	36.549	36.452	0.5	Pass
802.11ac80	5775	75.752	75.727	0.5	Pass

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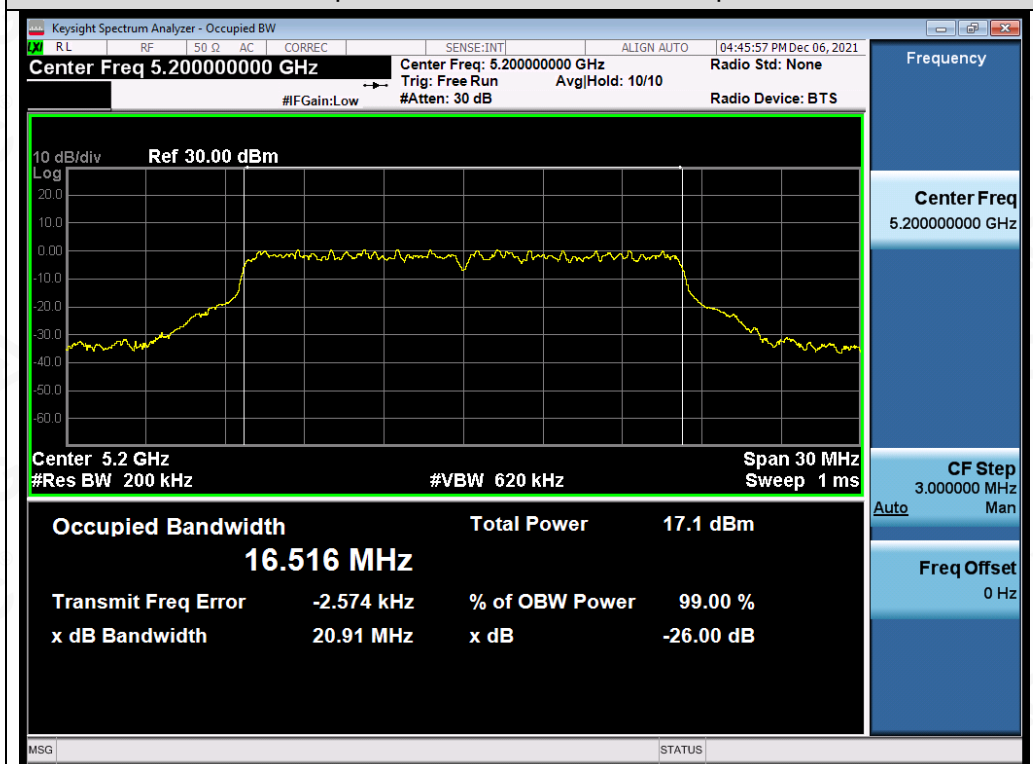




### Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz



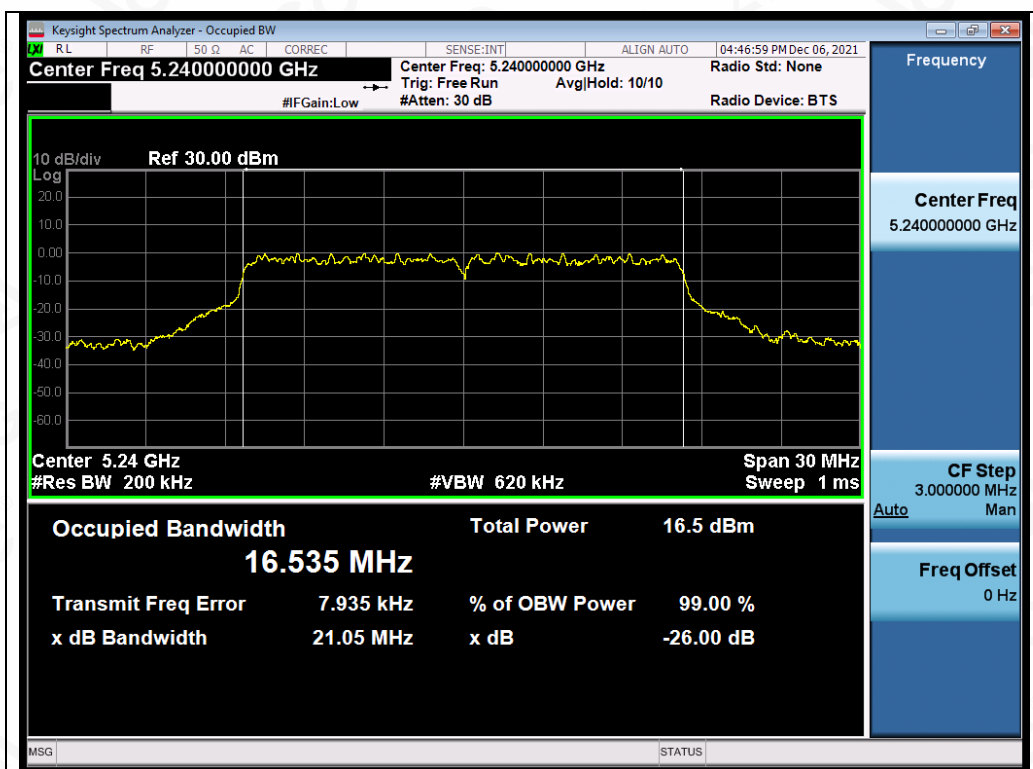
Test\_Graph\_802.11a\_ANT1\_5180\_6Mbps\_OBW



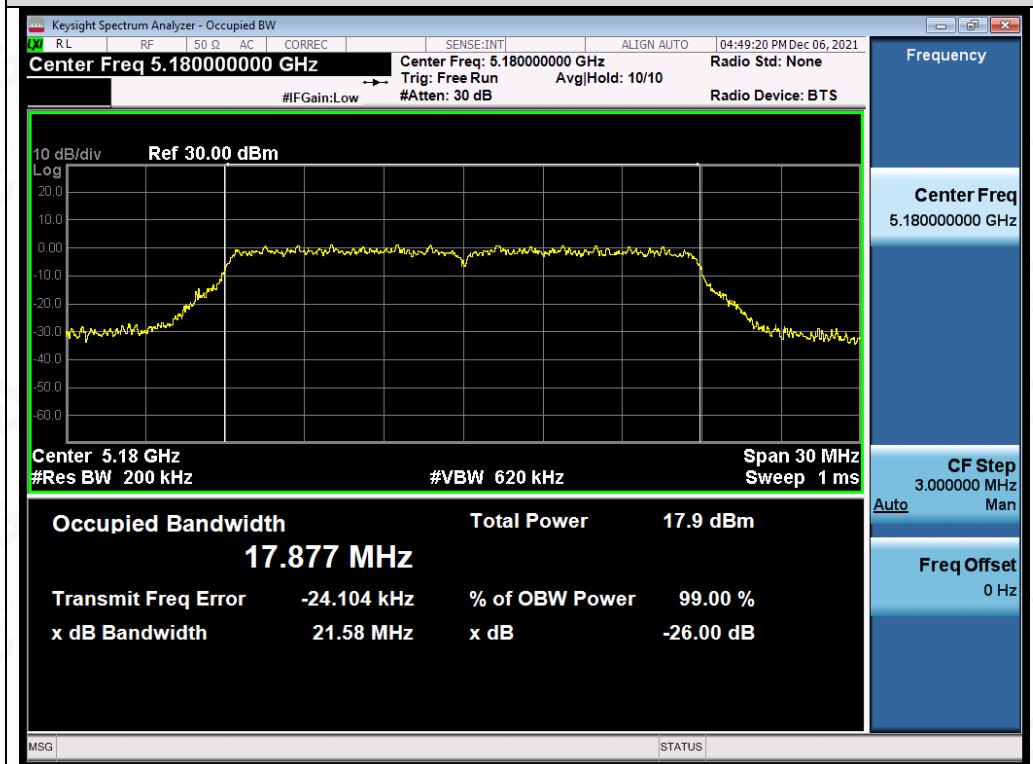
Test\_Graph\_802.11a\_ANT1\_5200\_6Mbps\_OBW

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Test\_Graph\_802.11a\_ANT1\_5240\_6Mbps\_OBW

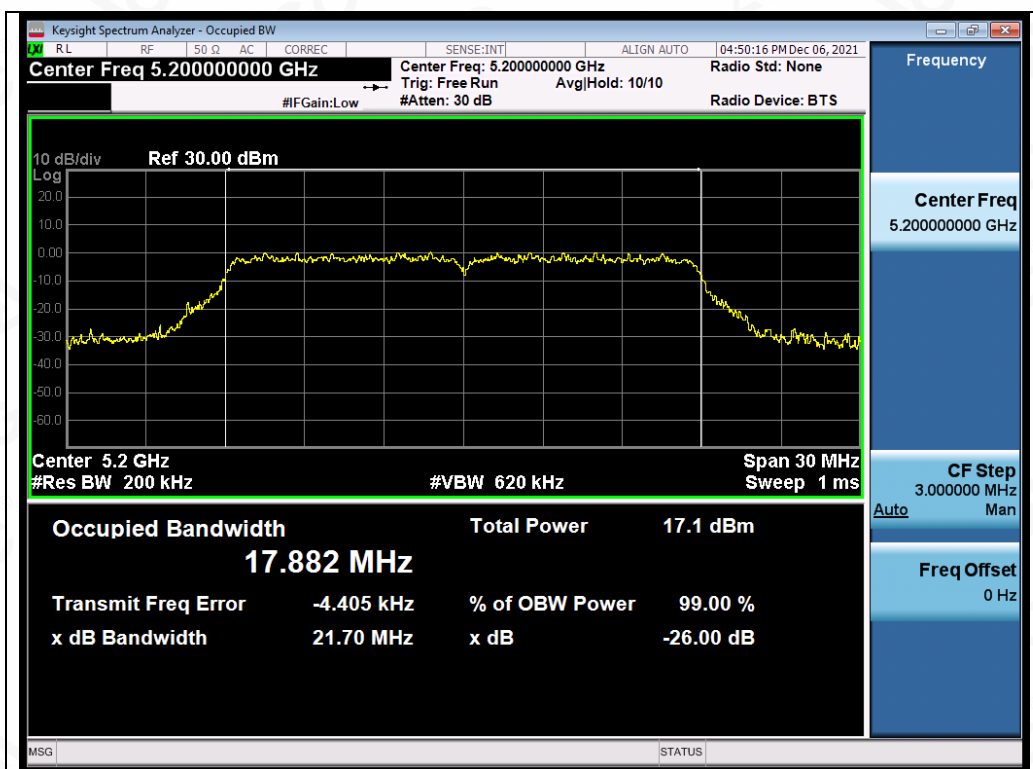


Test\_Graph\_802.11n20\_ANT1\_5180\_MCS0\_OBW

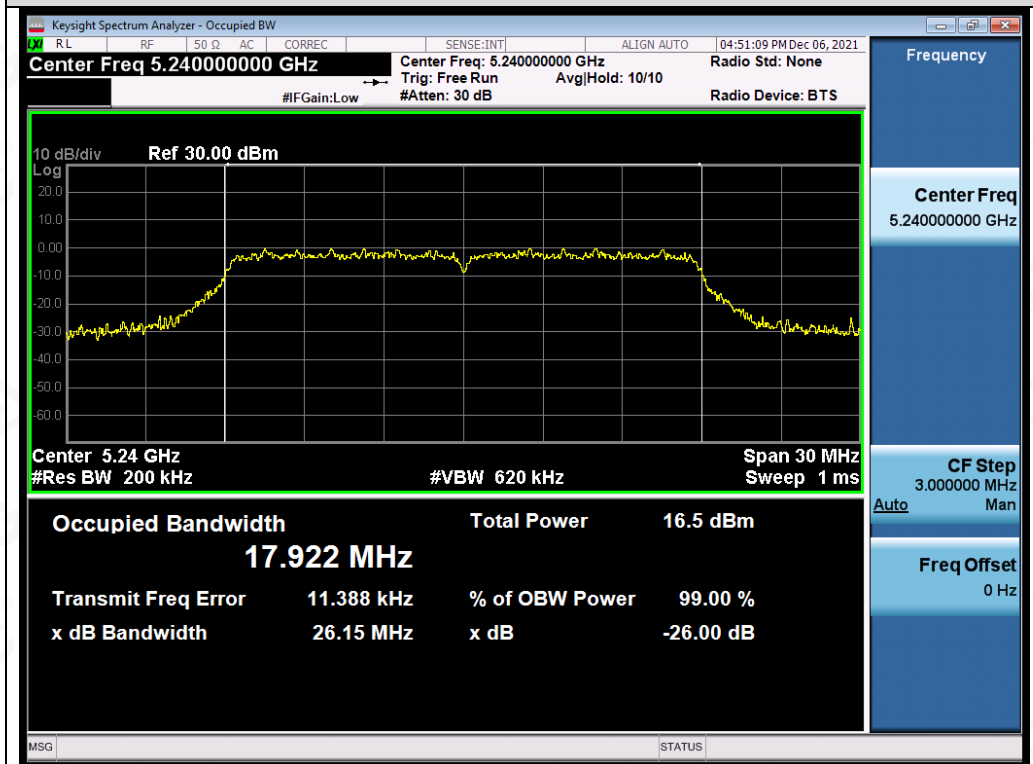
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Test\_Graph\_802.11n20\_ANT1\_5200\_MCS0\_OBW

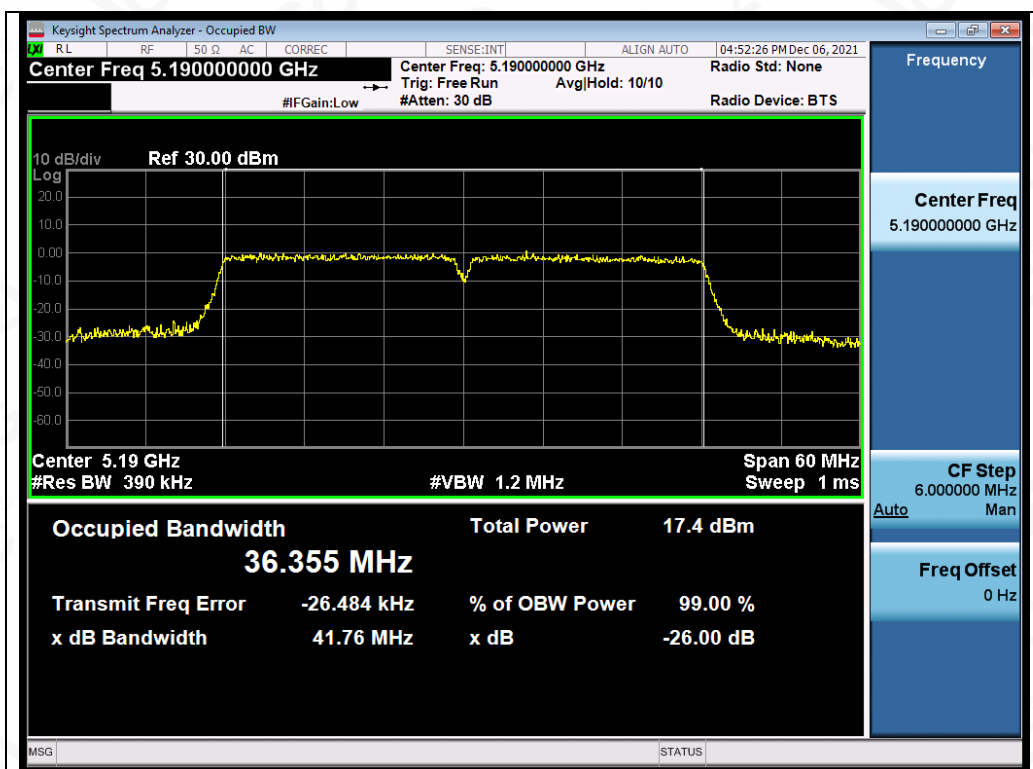


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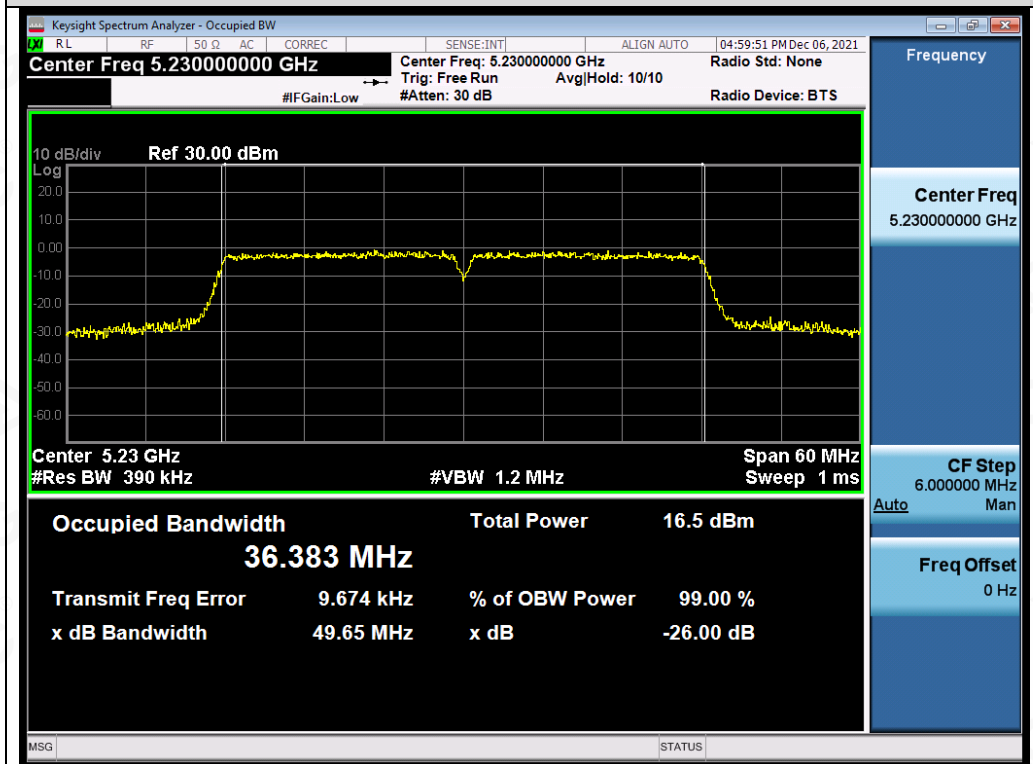
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Test\_Graph\_802.11n40\_ANT1\_5190\_MCS0\_OBW



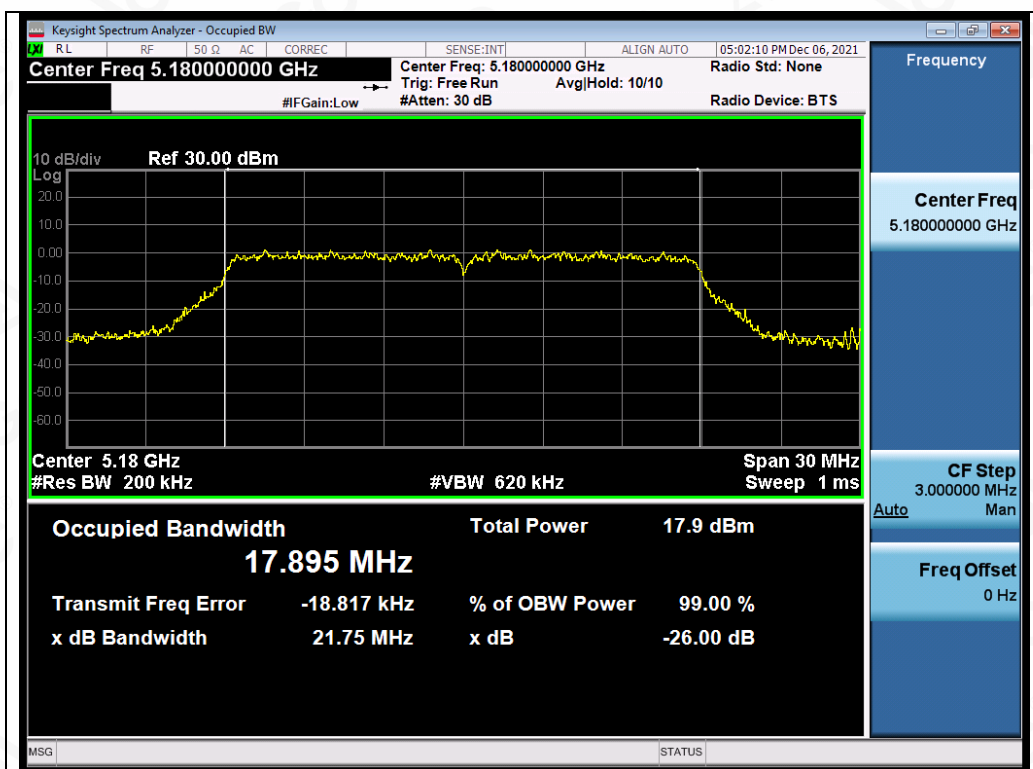
Test\_Graph\_802.11n40\_ANT1\_5230\_MCS0\_OBW

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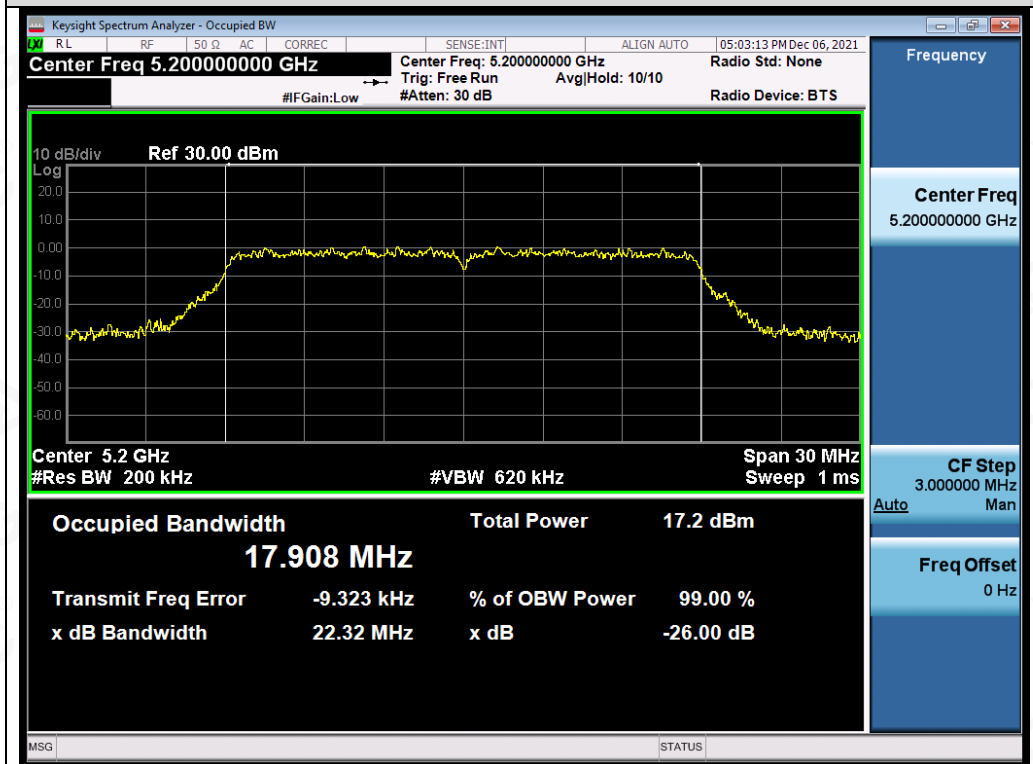
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Test\_Graph\_802.11ac20\_ANT1\_5180\_MCS0\_OBW

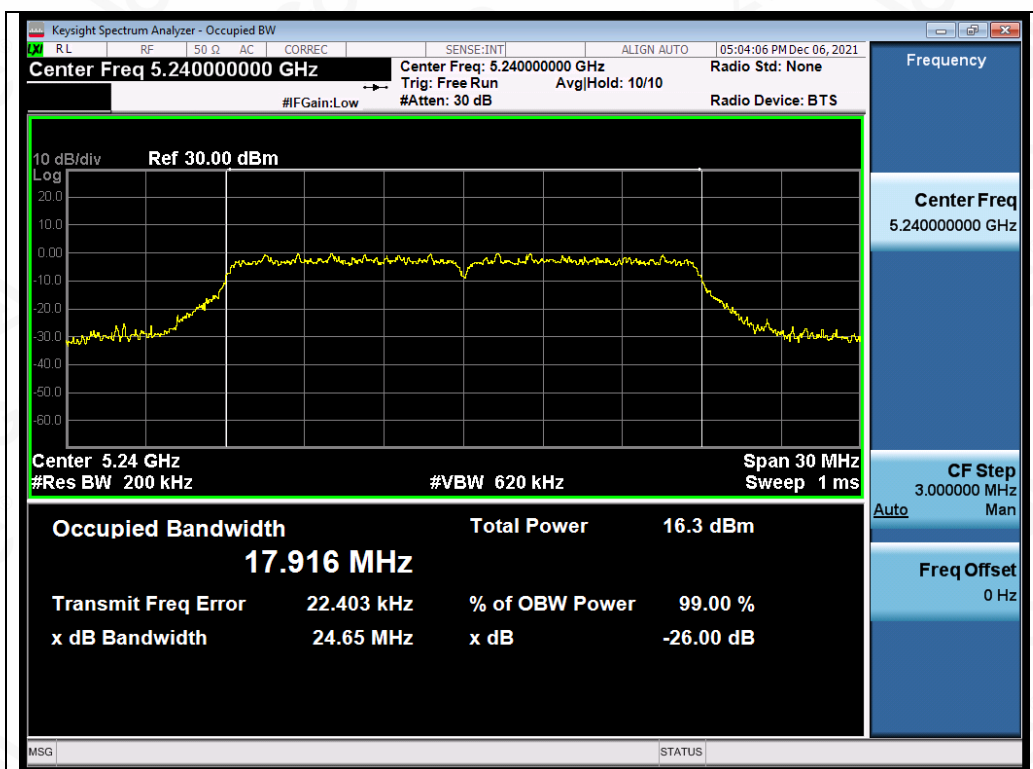


Test\_Graph\_802.11ac20\_ANT1\_5200\_MCS0\_OBW

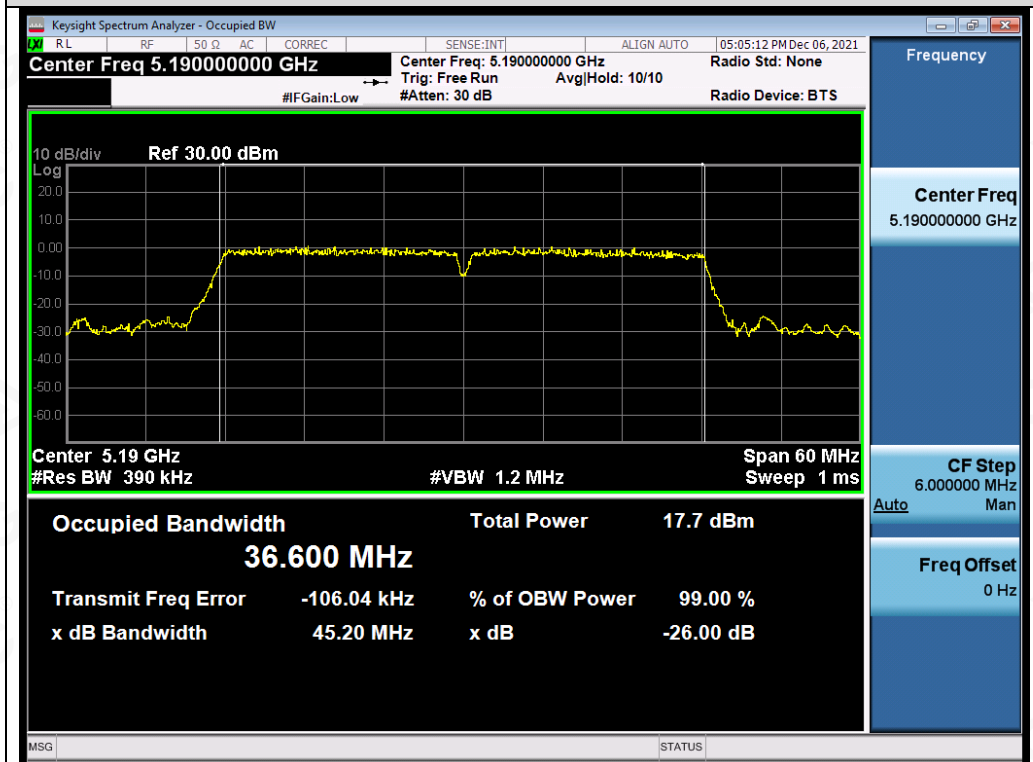
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Test\_Graph\_802.11ac20\_ANT1\_5240\_MCS9\_OBW

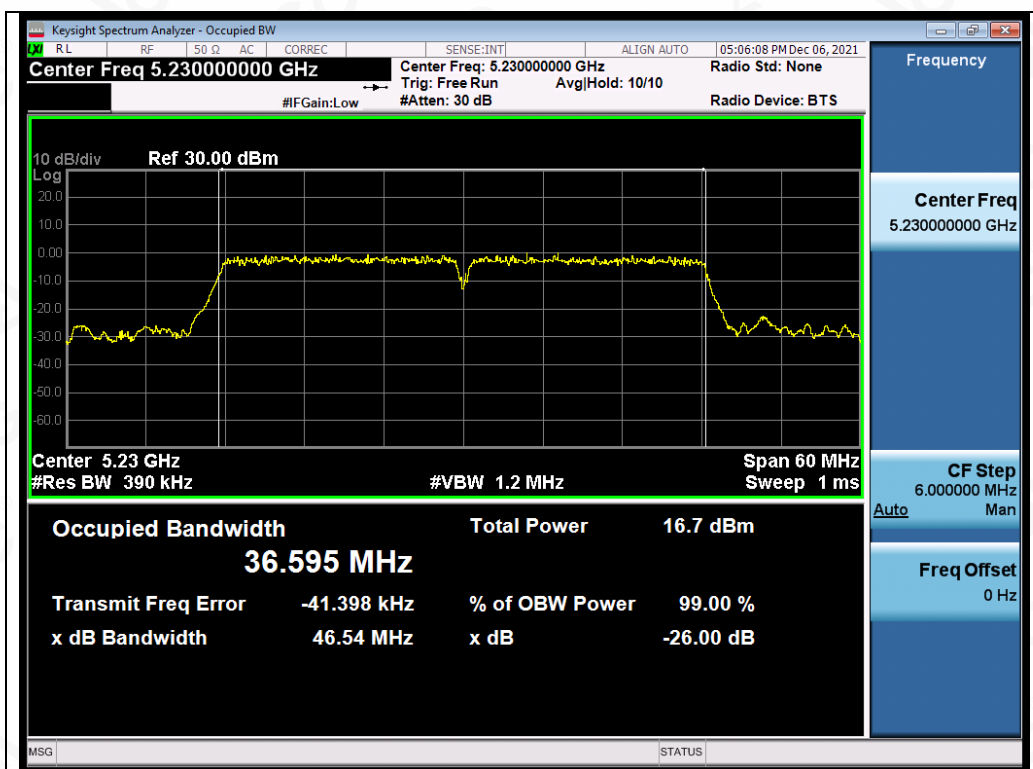


Test\_Graph\_802.11ac40\_ANT1\_5190\_MCS9\_OBW

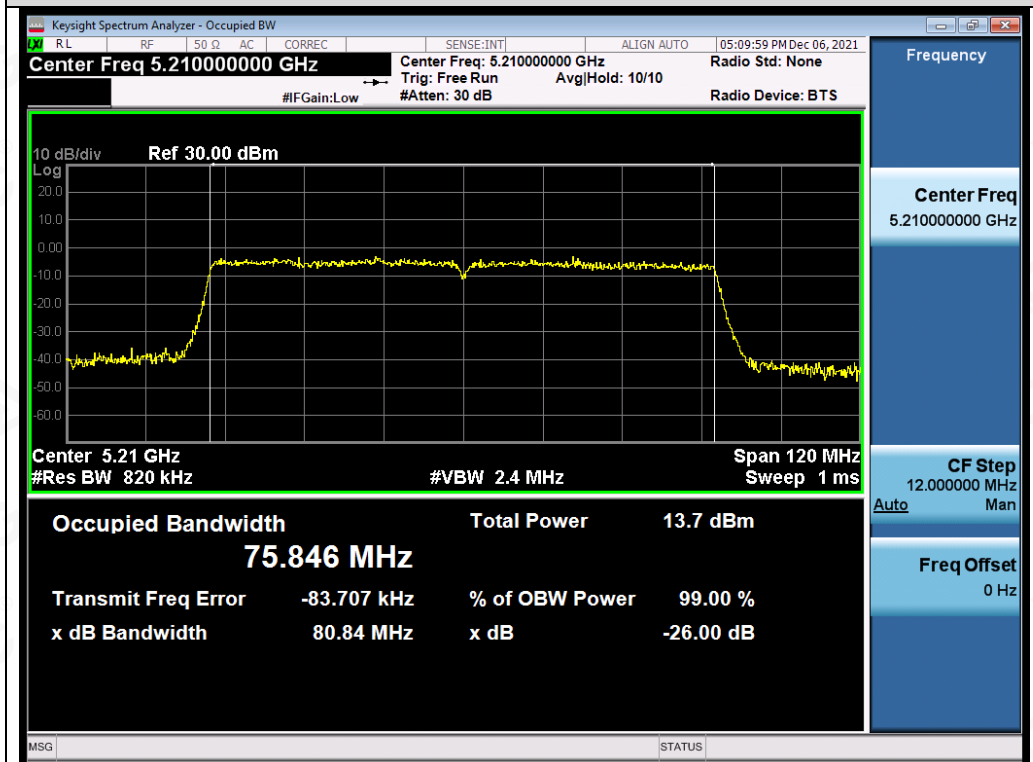
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Test\_Graph\_802.11ac40\_ANT1\_5230\_MCS9\_OBW



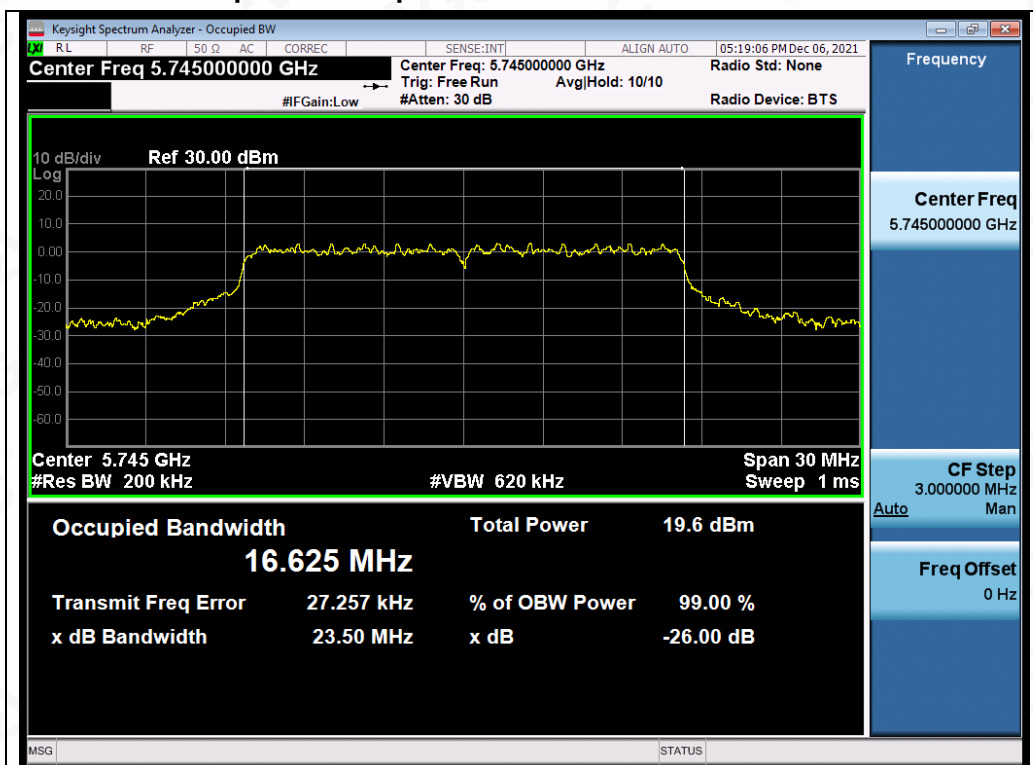
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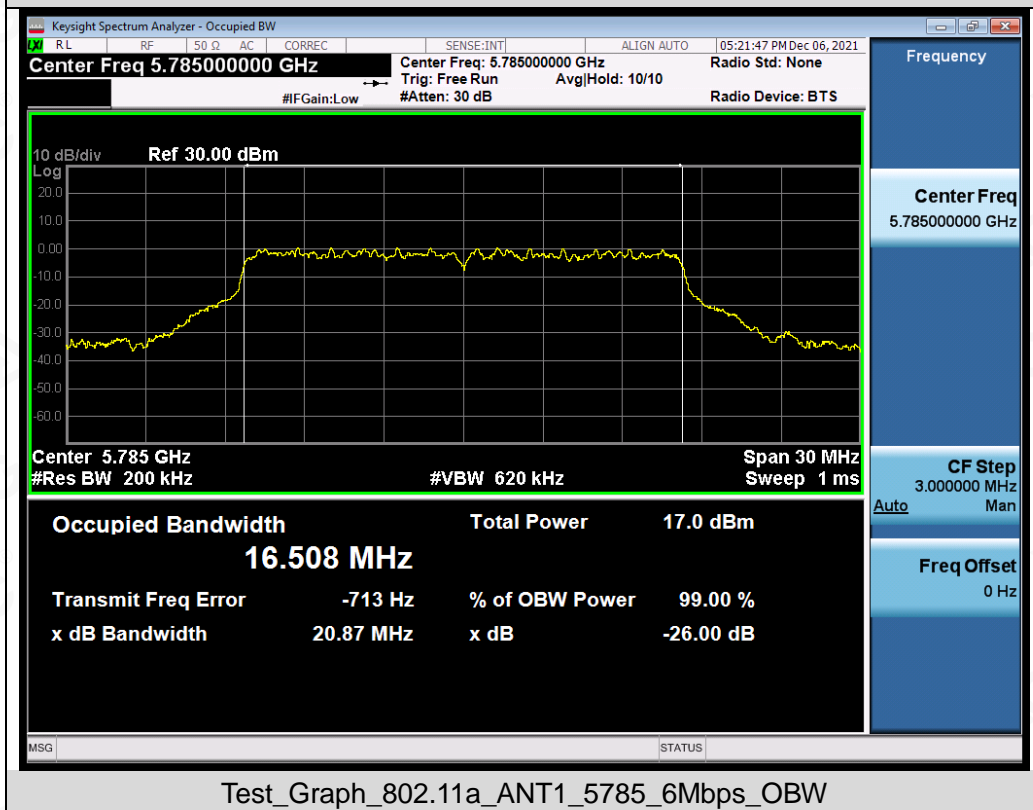
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### Test Graphs of Occupied Bandwidth for band 5.725-5.85 GHz



Test\_Graph\_802.11a\_ANT1\_5745\_6Mbps\_OBW

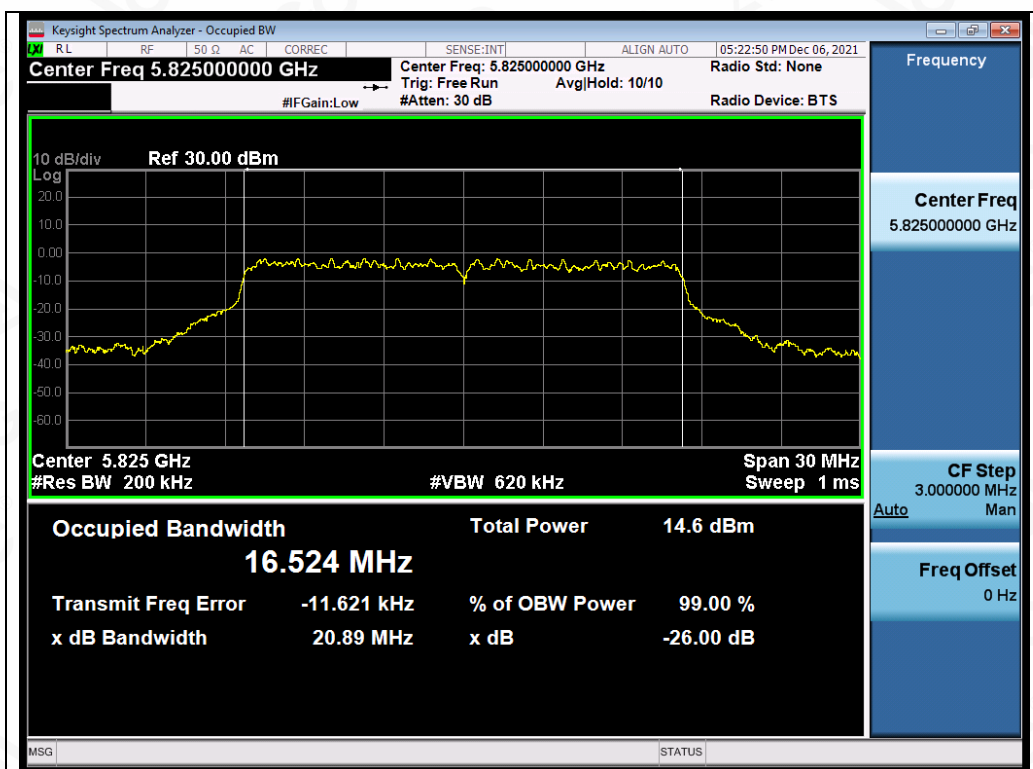


Test\_Graph\_802.11a\_ANT1\_5785\_6Mbps\_OBW

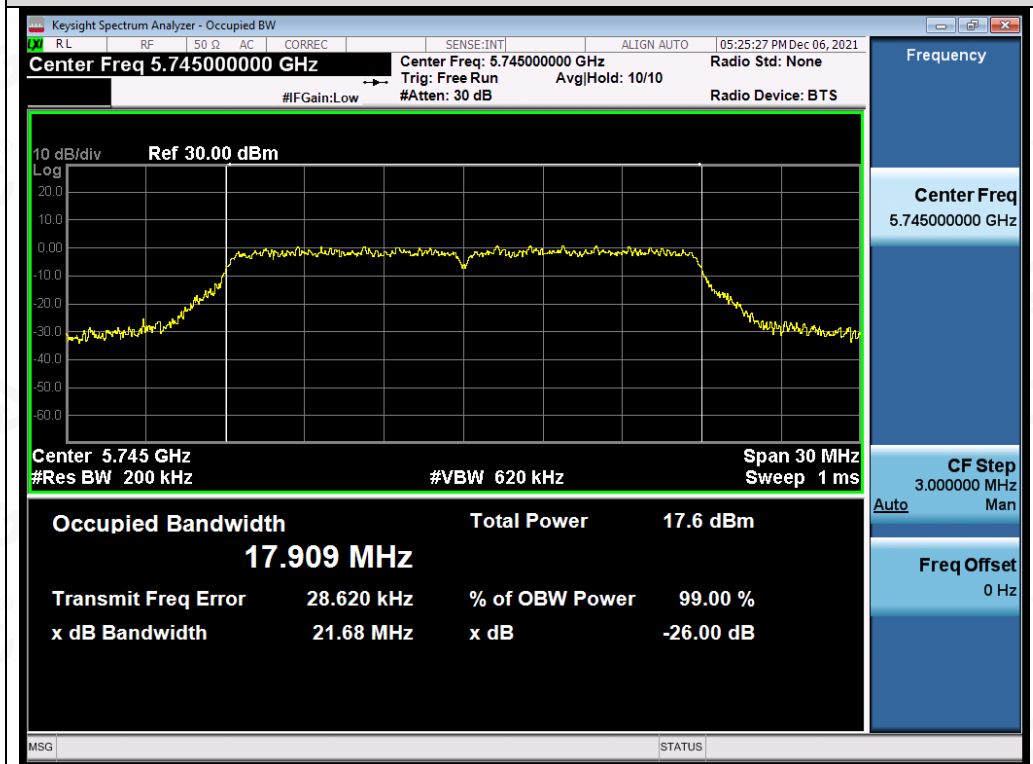
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Test\_Graph\_802.11a\_ANT1\_5825\_6Mbps\_OBW

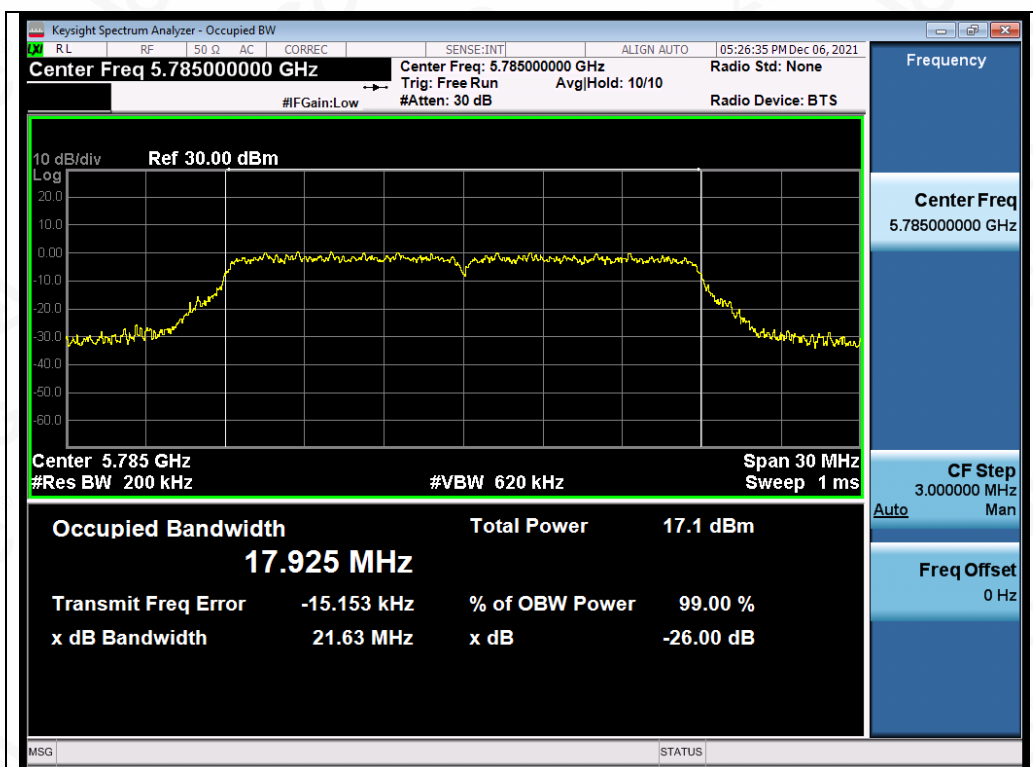


Test\_Graph\_802.11n20\_ANT1\_5745\_MCS0\_OBW

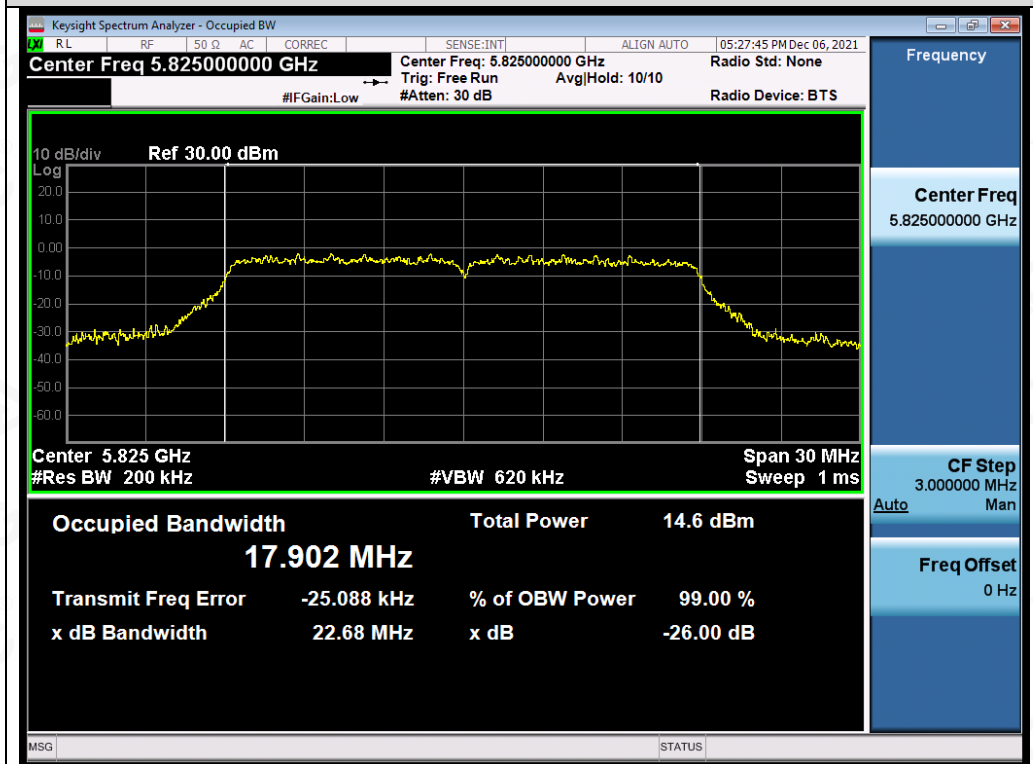
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Test\_Graph\_802.11n20\_ANT1\_5785\_MCS0\_OBW

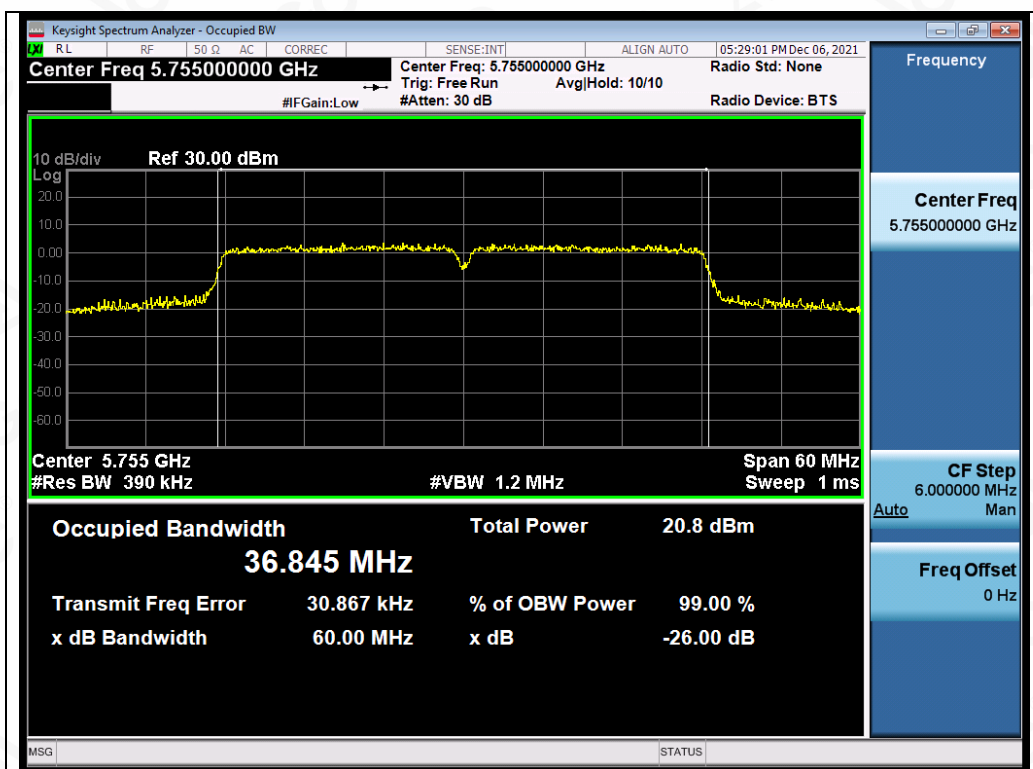


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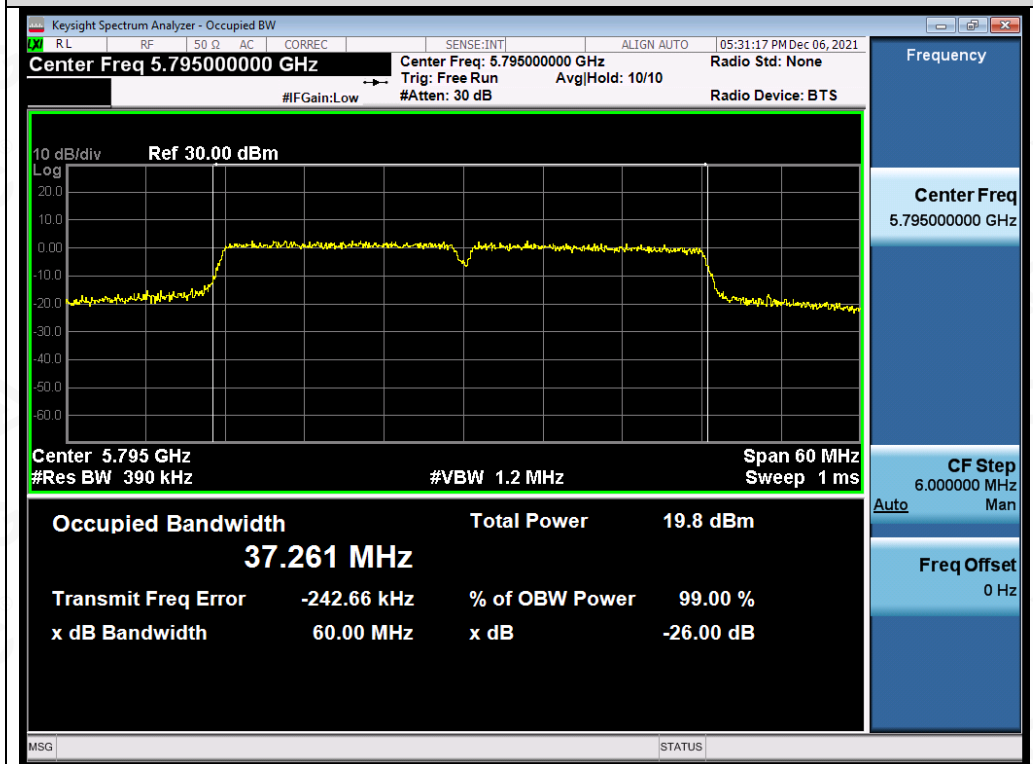
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Test\_Graph\_802.11n40\_ANT1\_5755\_MCS0\_OBW

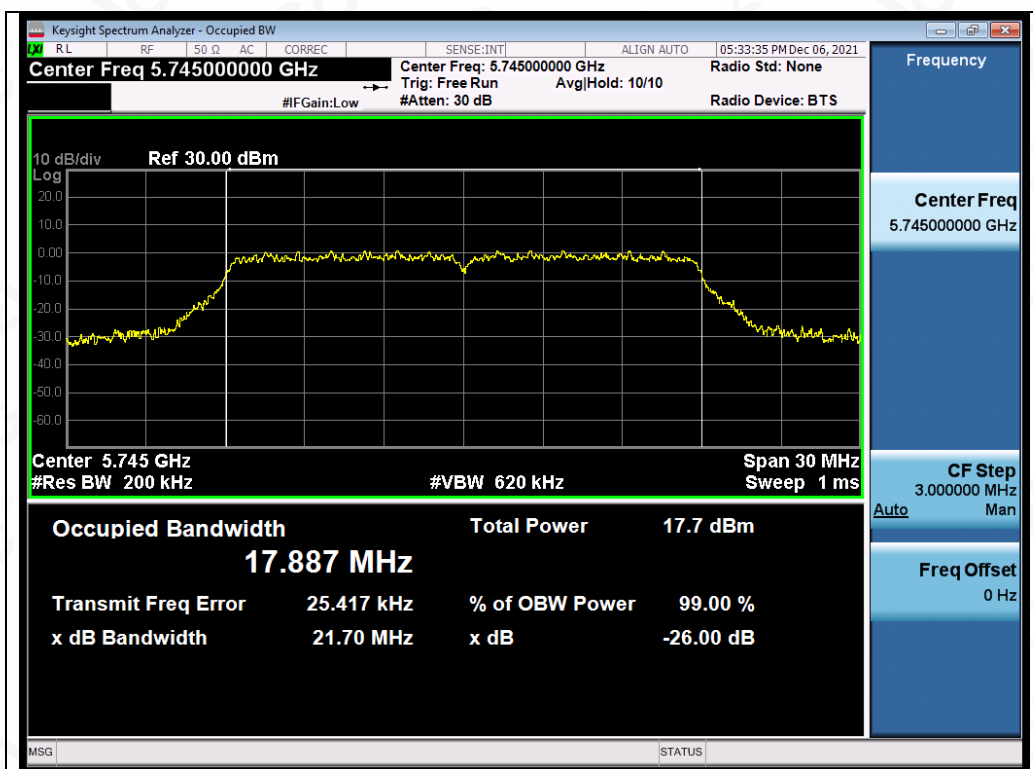


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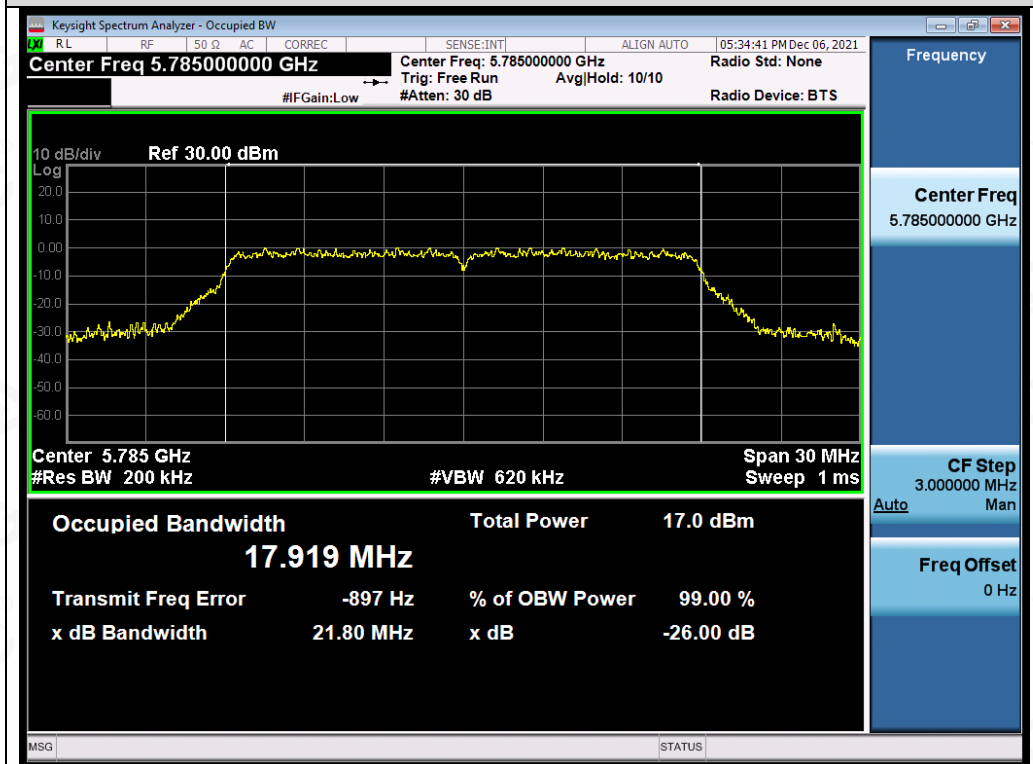
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Test\_Graph\_802.11ac20\_ANT1\_5745\_MCS0\_OBW



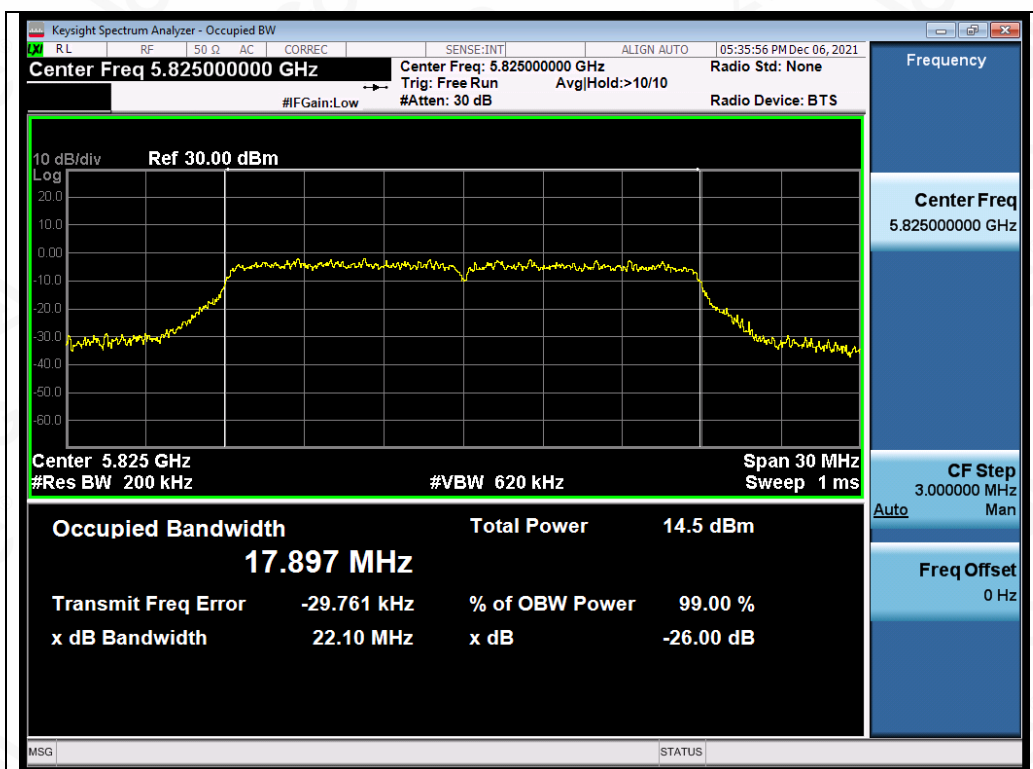
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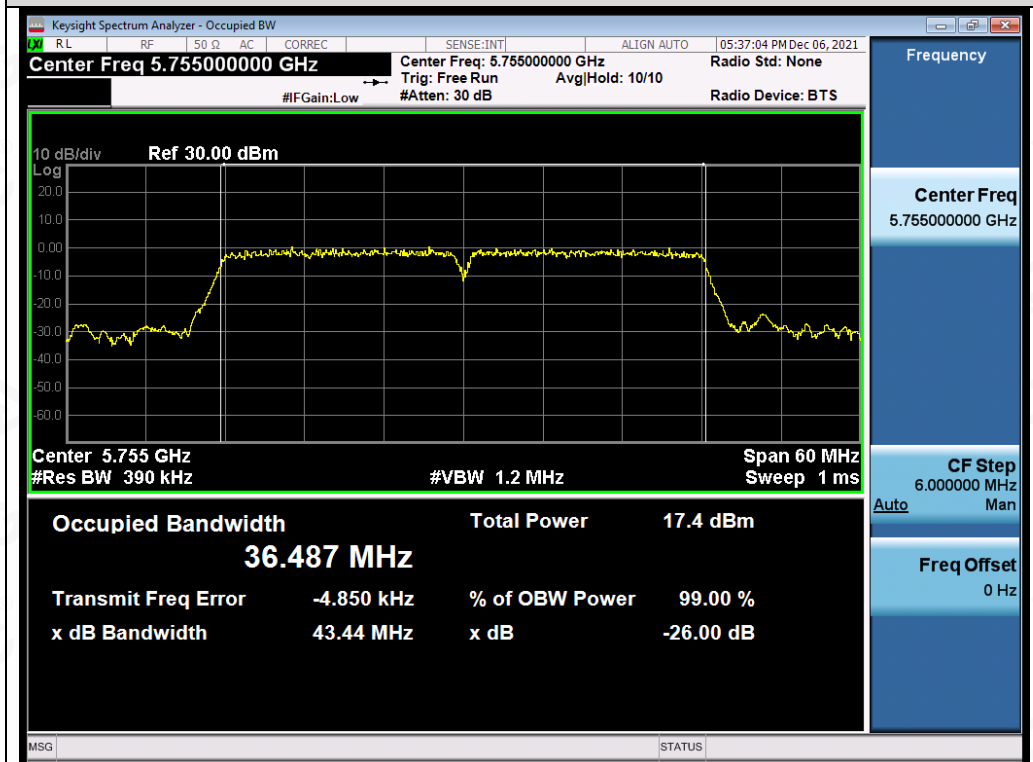
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Test\_Graph\_802.11ac20\_ANT1\_5825\_MCS9\_OBW

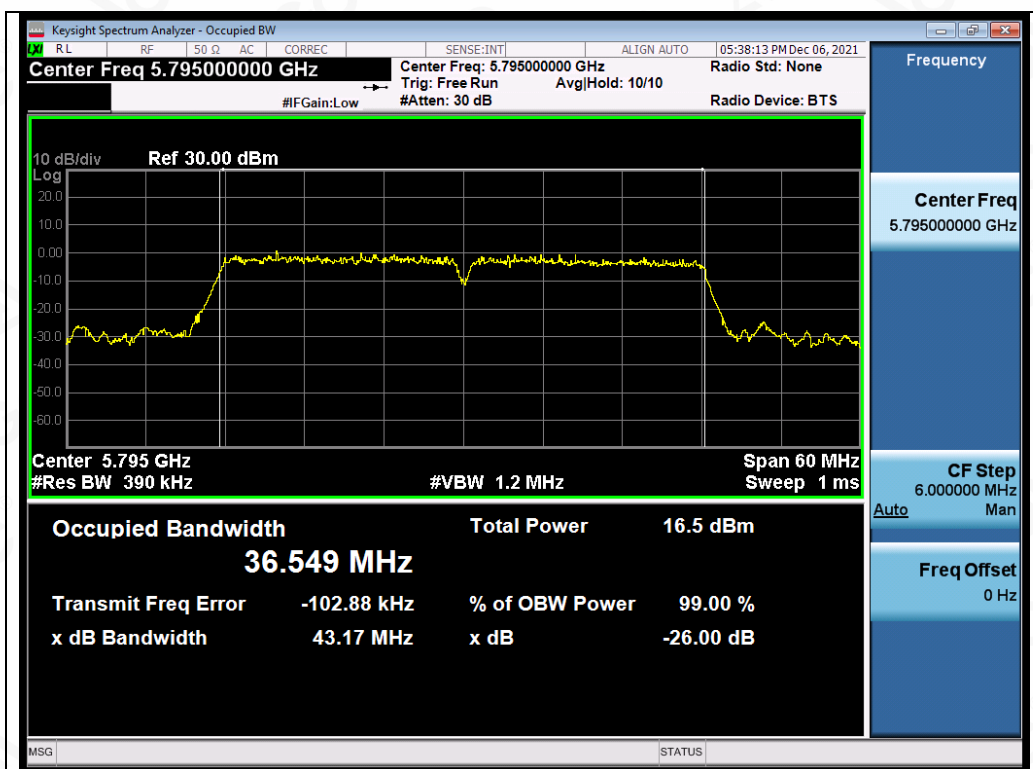


Test\_Graph\_802.11ac40\_ANT1\_5755\_MCS9\_OBW

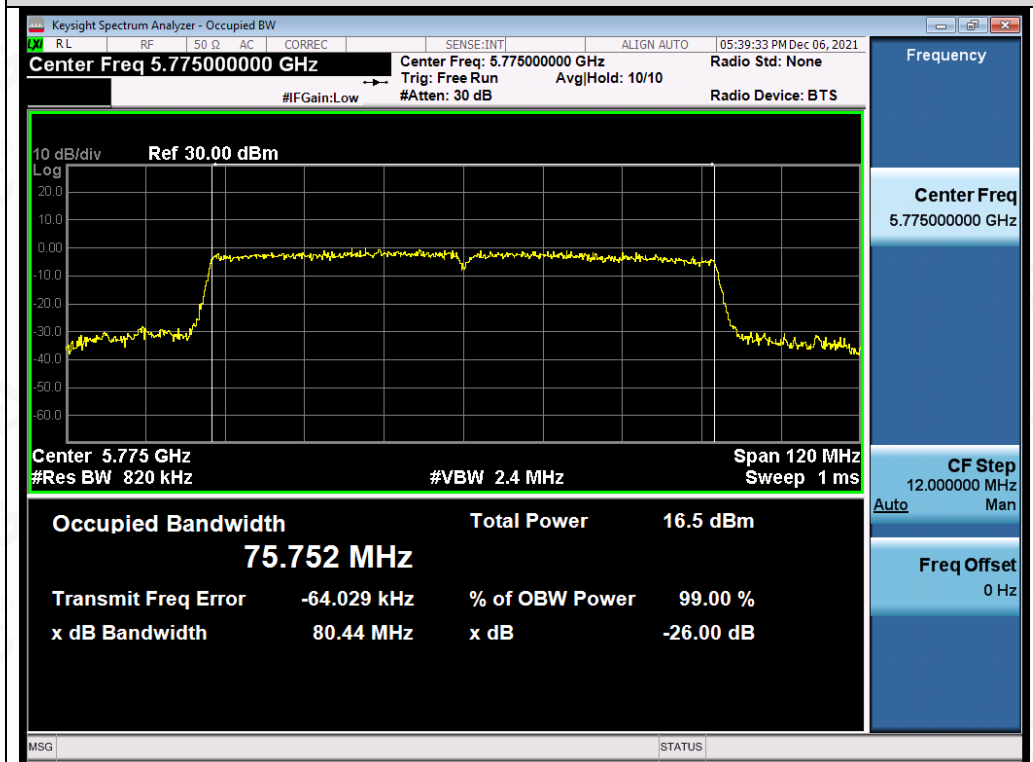
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Test\_Graph\_802.11ac40\_ANT1\_5795\_MCS9\_OBW



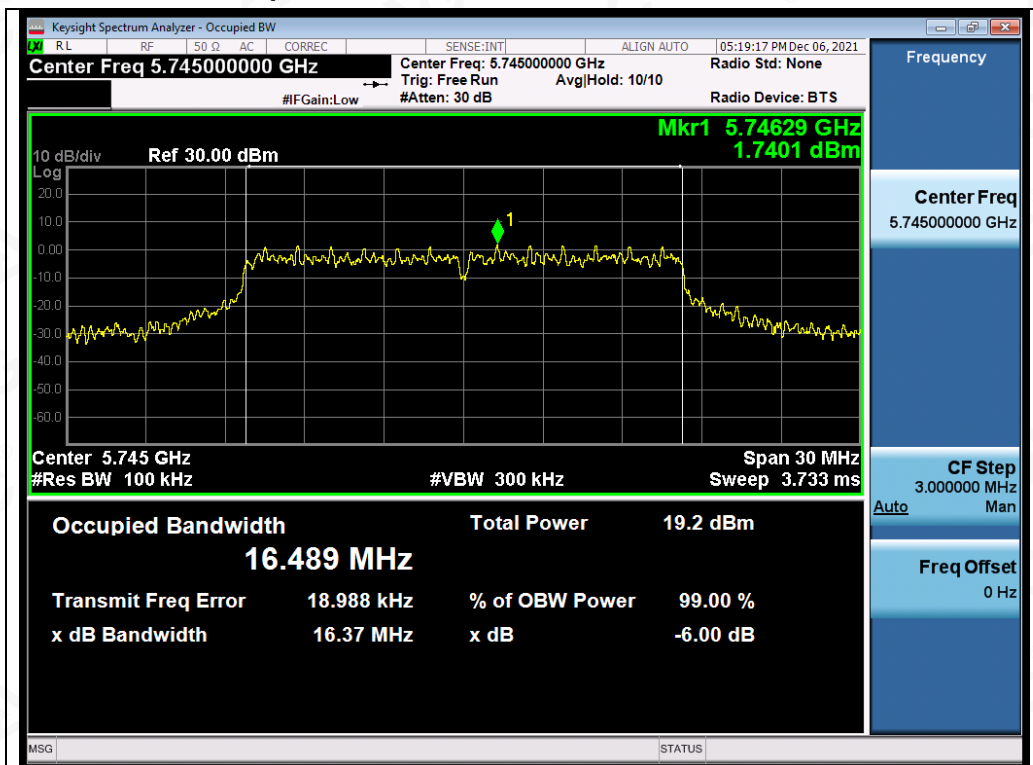
Test\_Graph\_802.11ac80\_ANT1\_5775\_MCS9\_OBW

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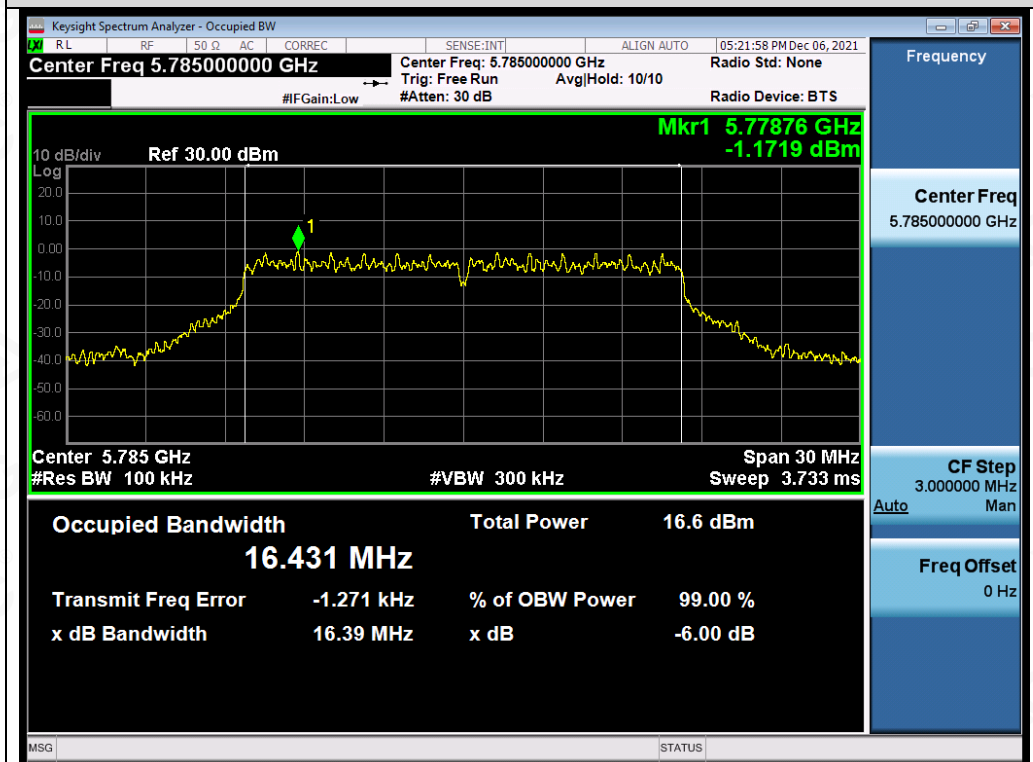
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### Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz



### Test\_Graph\_802.11a\_ANT1\_5745\_6Mbps\_DTSBW

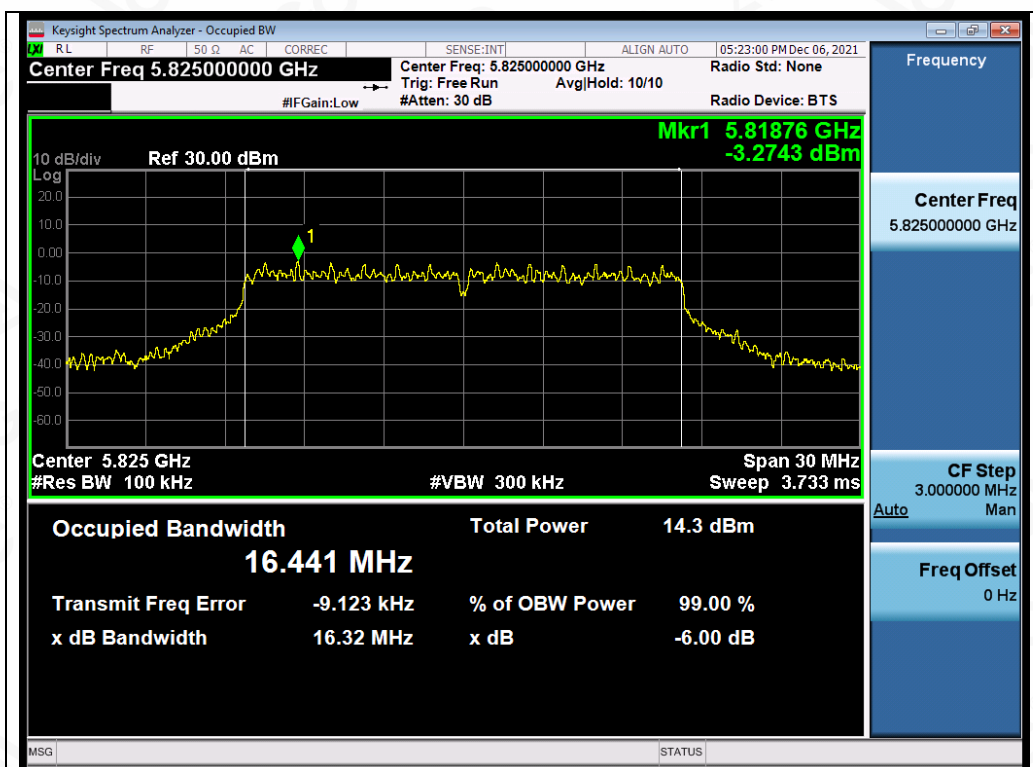


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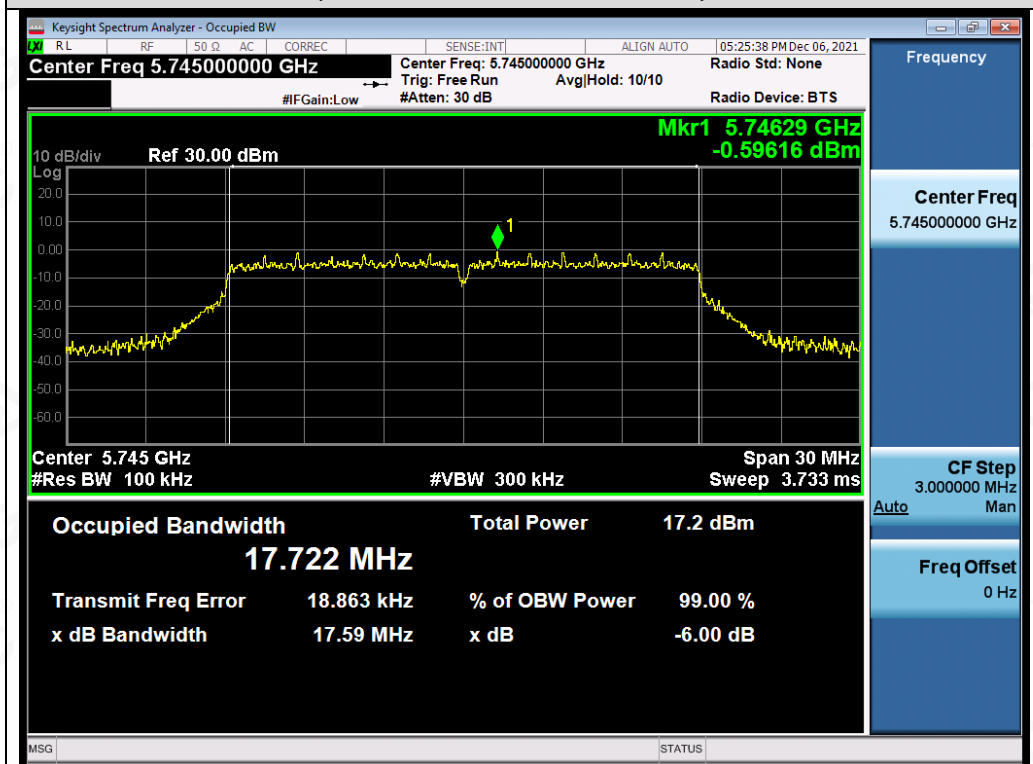
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Test\_Graph\_802.11a\_ANT1\_5825\_6Mbps\_DTSBW



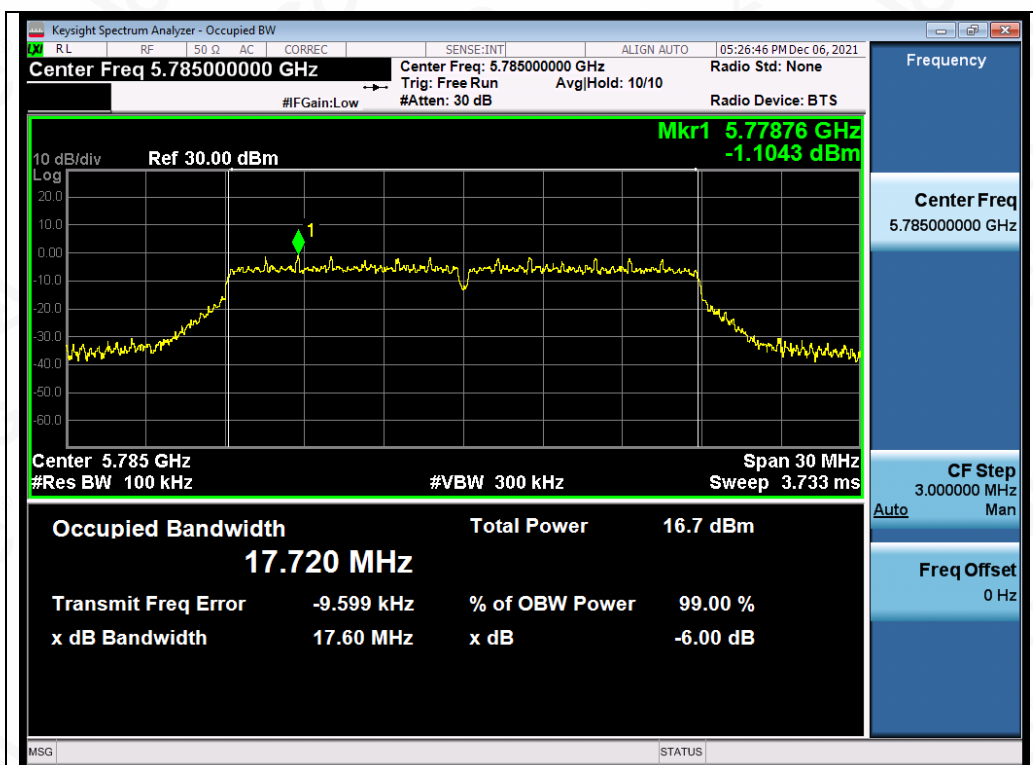
Test\_Graph\_802.11n20\_ANT1\_5745\_MCS0\_DTSBW

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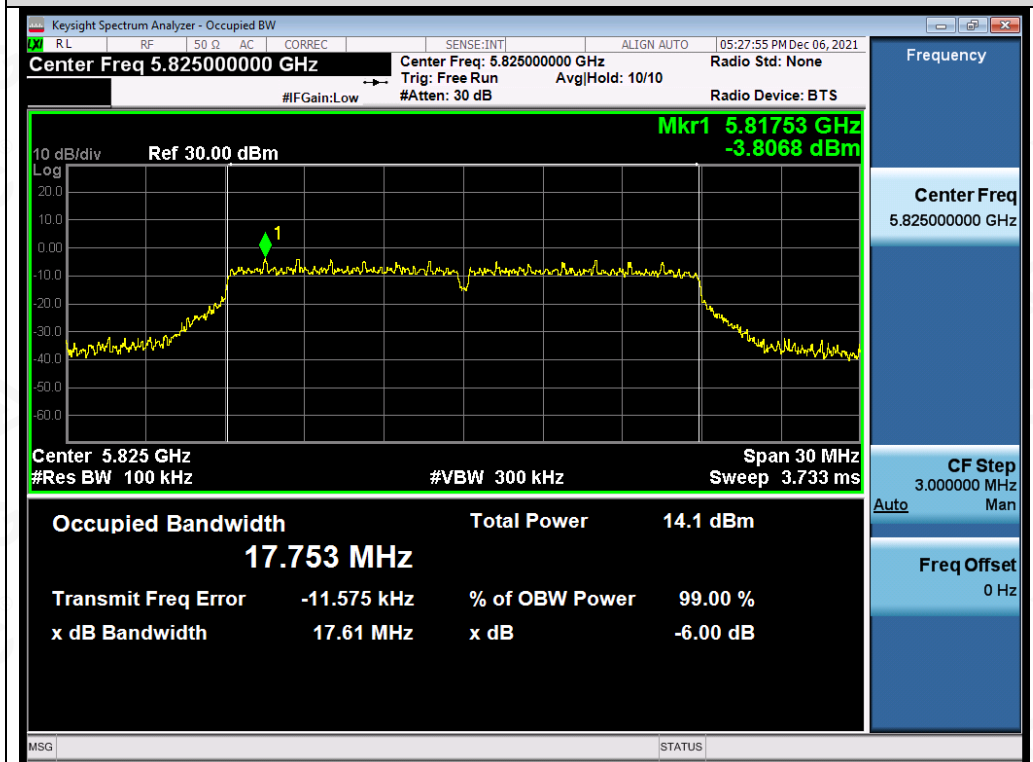
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Test\_Graph\_802.11n20\_ANT1\_5785\_MCS0\_DTSBW

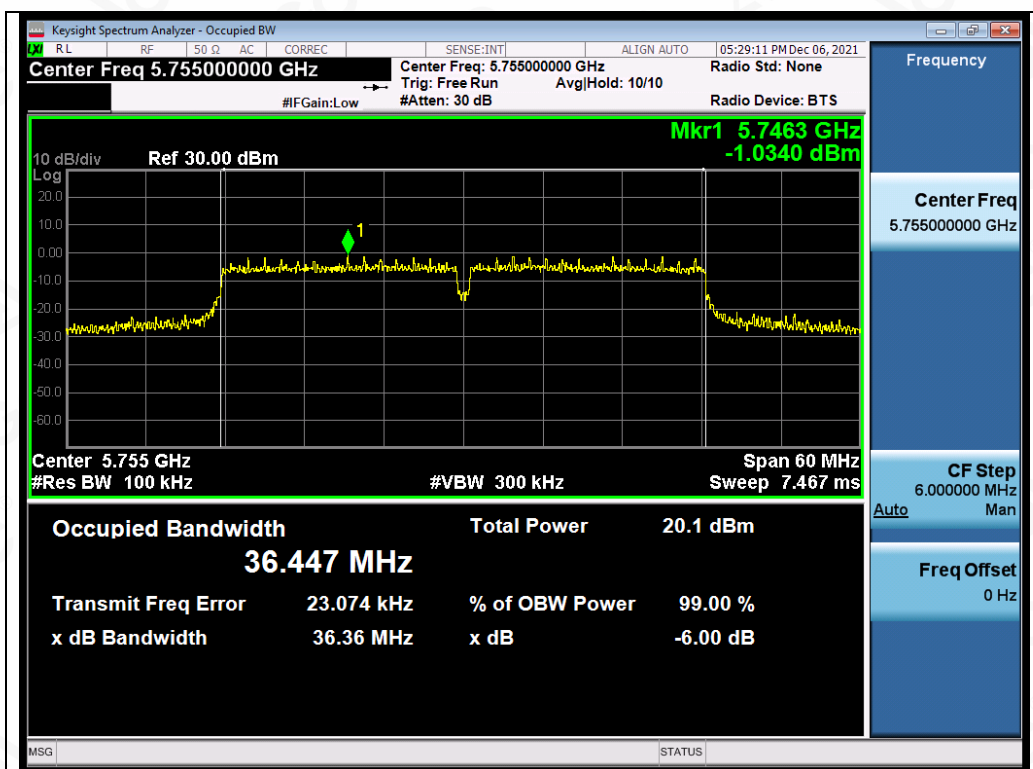


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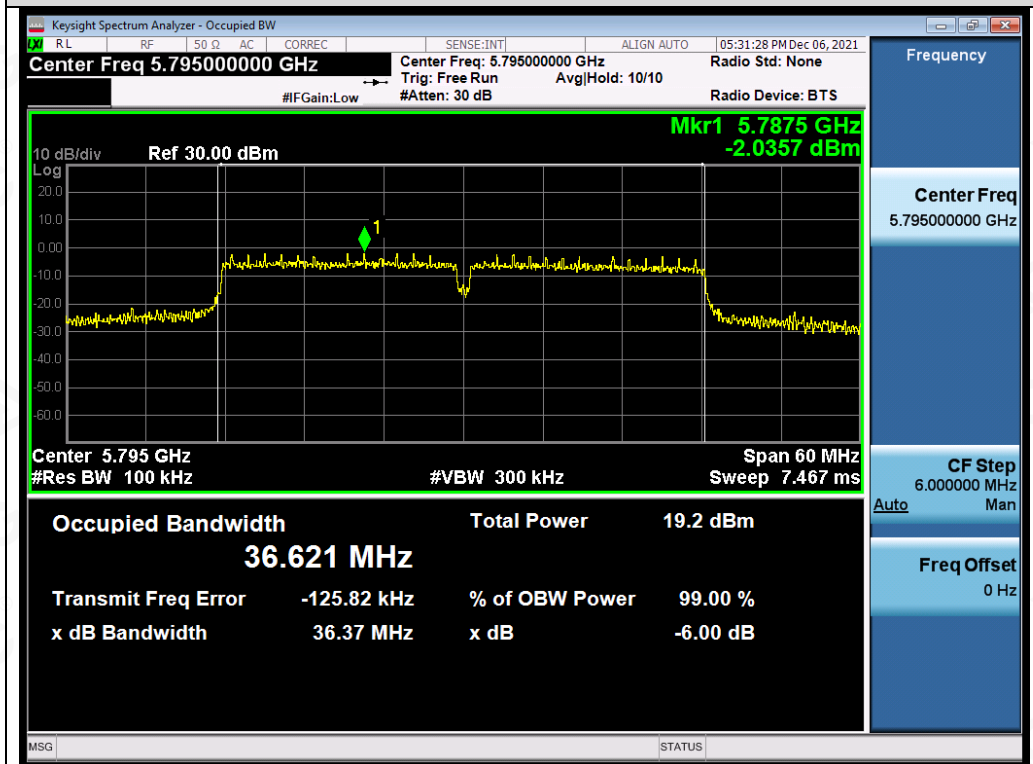
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Test\_Graph\_802.11n40\_ANT1\_5755\_MCS0\_DTSBW

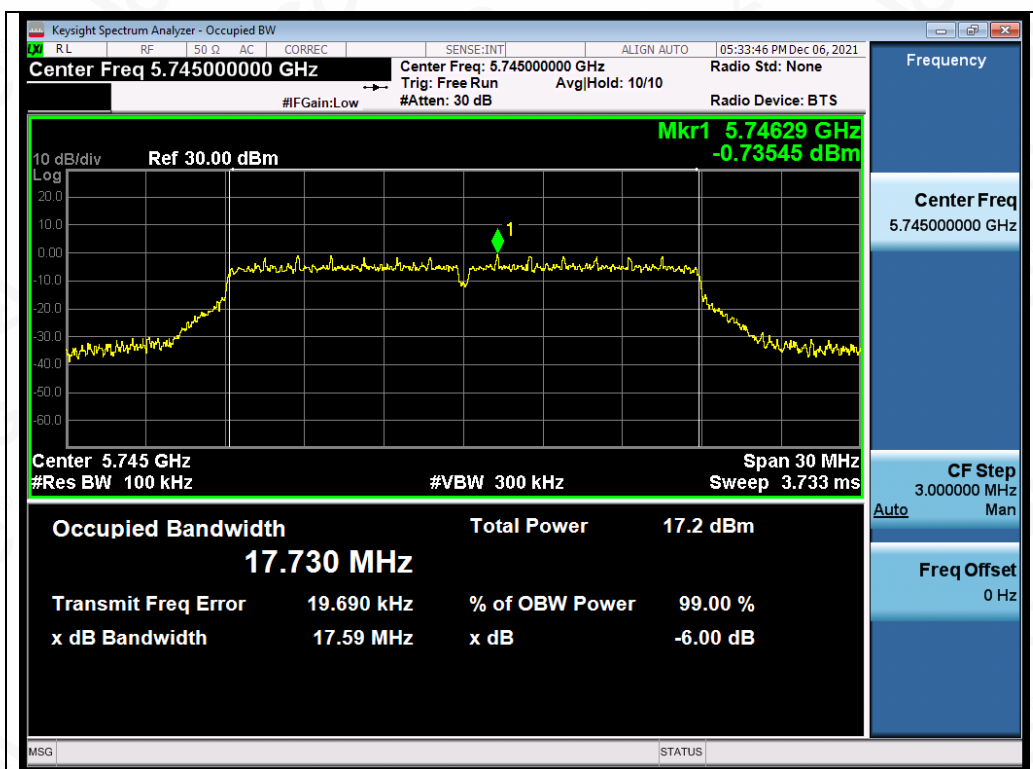


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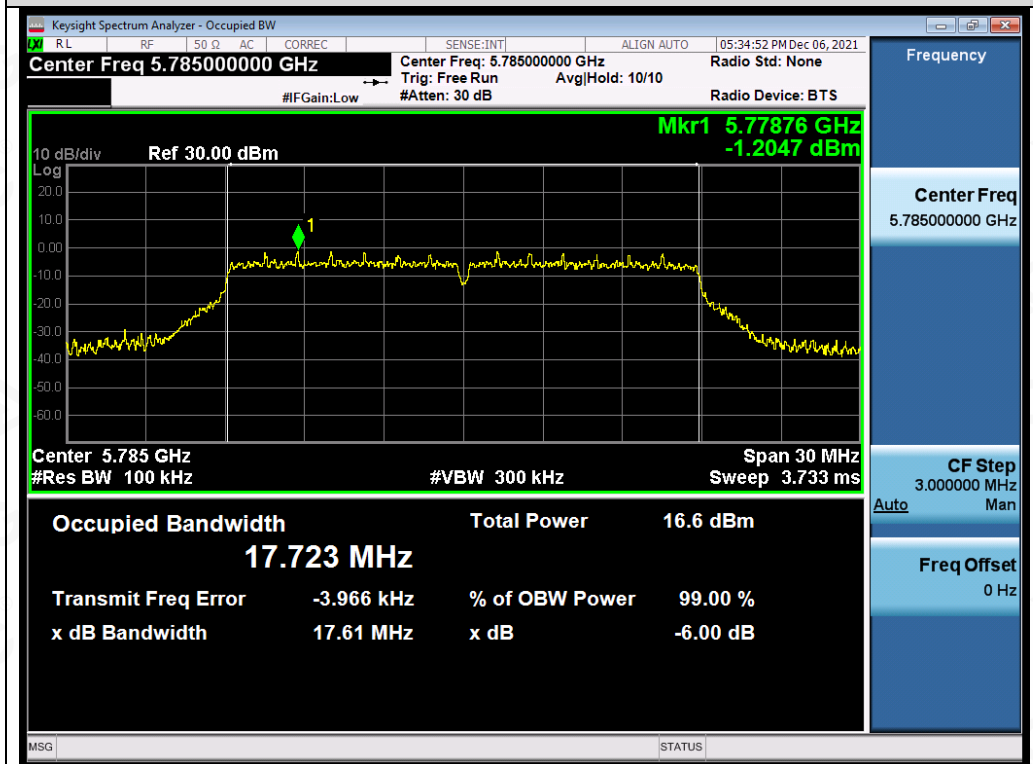
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Test\_Graph\_802.11ac20\_ANT1\_5745\_MCS0\_DTSBW

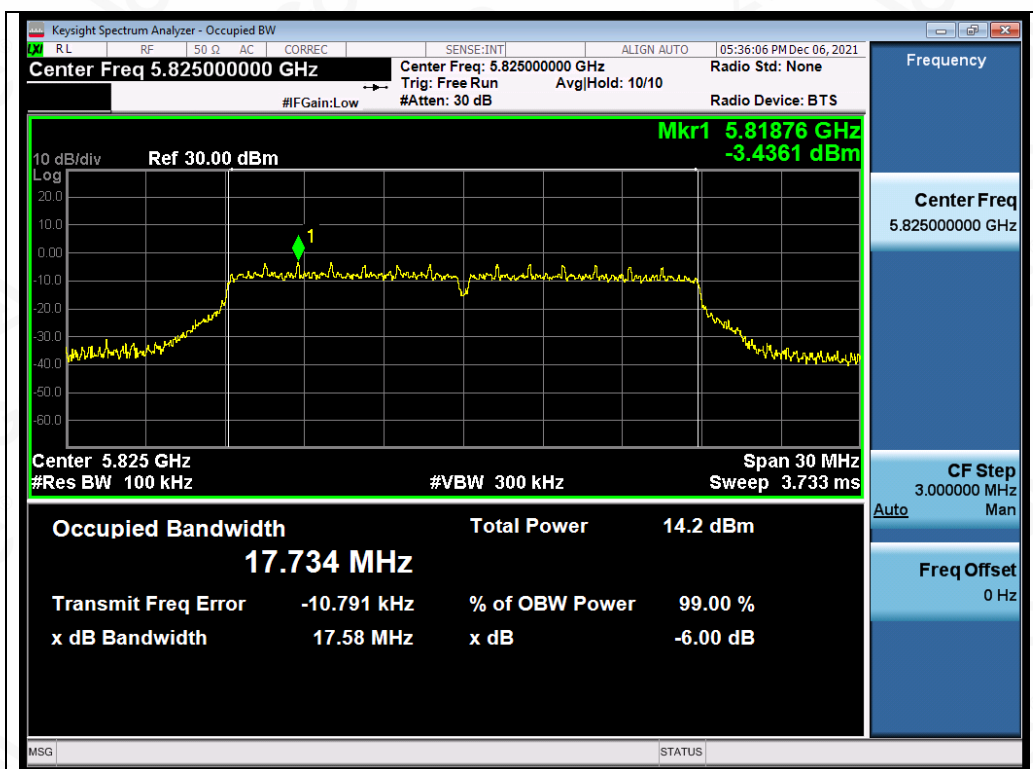


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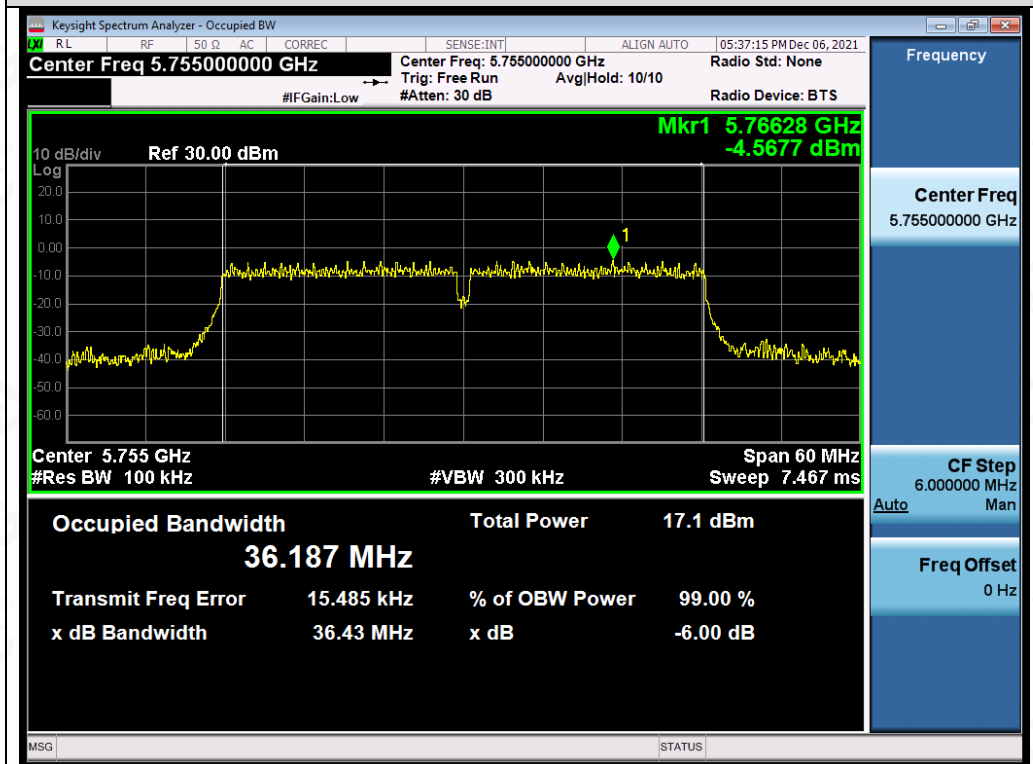
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Test\_Graph\_802.11ac20\_ANT1\_5825\_MCS9\_DTSBW



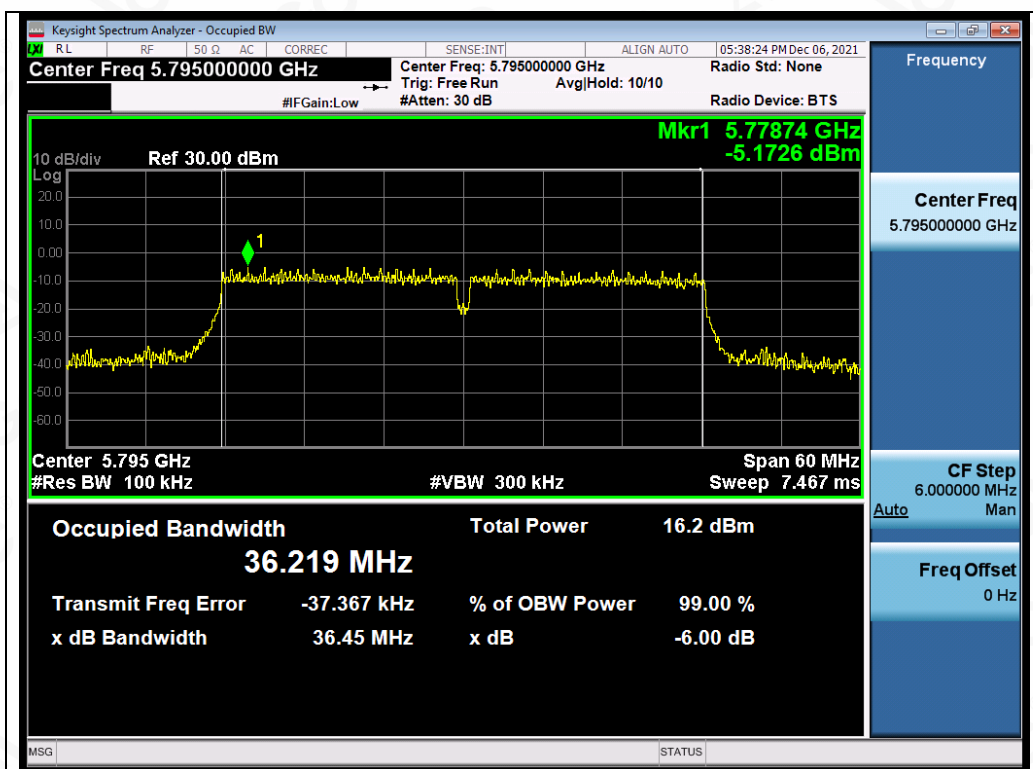
Test\_Graph\_802.11ac40\_ANT1\_5755\_MCS9\_DTSBW

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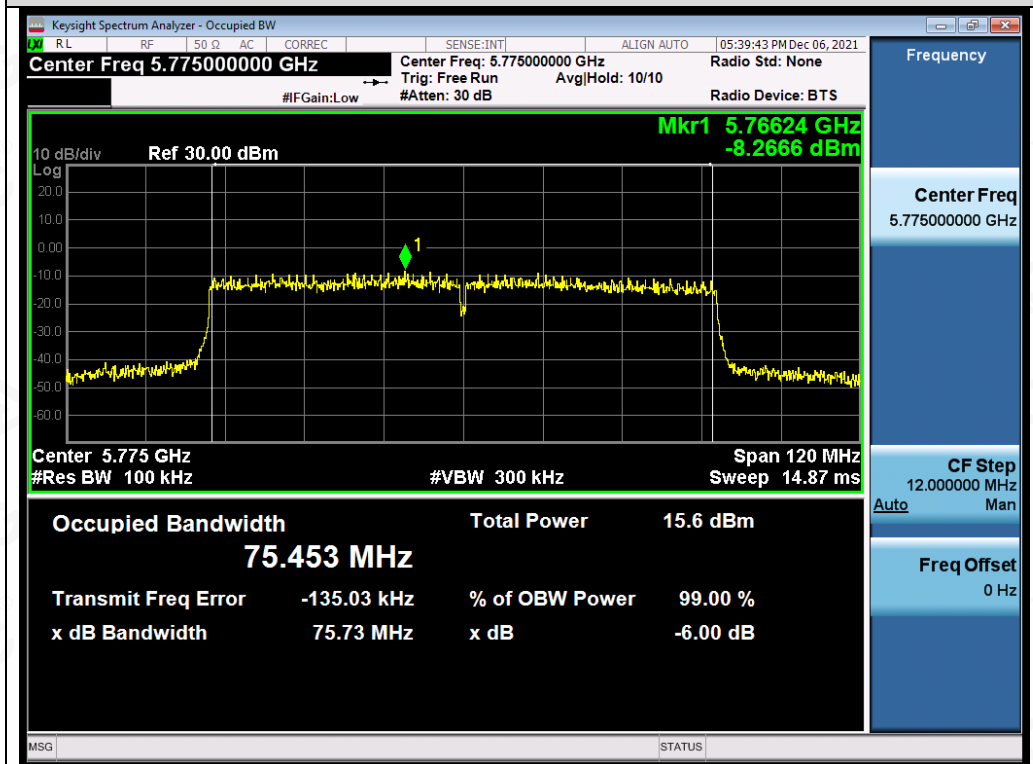
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Test\_Graph\_802.11ac40\_ANT1\_5795\_MCS9\_DTSBW



Test\_Graph\_802.11ac80\_ANT1\_5775\_MCS9\_DTSBW

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## 9. MAXIMUM CONDUCTED OUTPUT AVERAGE POWER SPECTRAL DENSITY

### 9.1. MEASUREMENT PROCEDURE

Refer to KDB 789033 section F

### 9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

Refer to Section 8.2.

### 9.3. MEASUREMENT EQUIPMENT USED

Refer to Section 6.

### 9.4. LIMITS AND MEASUREMENT RESULT

Test Data of Conducted Output Power Density for band 5.15-5.25 GHz				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
802.11a	5180	1.798	11	Pass
	5200	0.962	11	Pass
	5240	0.181	11	Pass
802.11n20	5180	0.310	11	Pass
	5200	-0.441	11	Pass
	5240	-1.270	11	Pass
802.11n40	5190	-2.531	11	Pass
	5230	-3.876	11	Pass
802.11ac20	5180	0.362	11	Pass
	5200	-0.316	11	Pass
	5240	-1.285	11	Pass
802.11ac40	5190	-0.553	11	Pass
	5230	-1.987	11	Pass
802.11ac80	5210	-6.258	11	Pass

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Test Data of Conducted Output Power Density for band 5.725-5.85 GHz				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail
802.11a	5745	0.448	30	Pass
	5785	-0.419	30	Pass
	5825	-2.793	30	Pass
802.11n20	5745	-1.808	30	Pass
	5785	-2.563	30	Pass
	5825	-4.783	30	Pass
802.11n40	5755	-1.348	30	Pass
	5795	-2.005	30	Pass
802.11ac20	5745	-1.667	30	Pass
	5785	-2.351	30	Pass
	5825	-4.959	30	Pass
802.11ac40	5755	-1.067	30	Pass
	5795	-1.272	30	Pass
802.11ac80	5775	-3.417	30	Pass

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### Test Graphs of Conducted Output Power Spectral Density for band 5.15-5.25 GHz



Test\_Graph\_802.11a\_ANT1\_5180\_6Mbps\_PSD



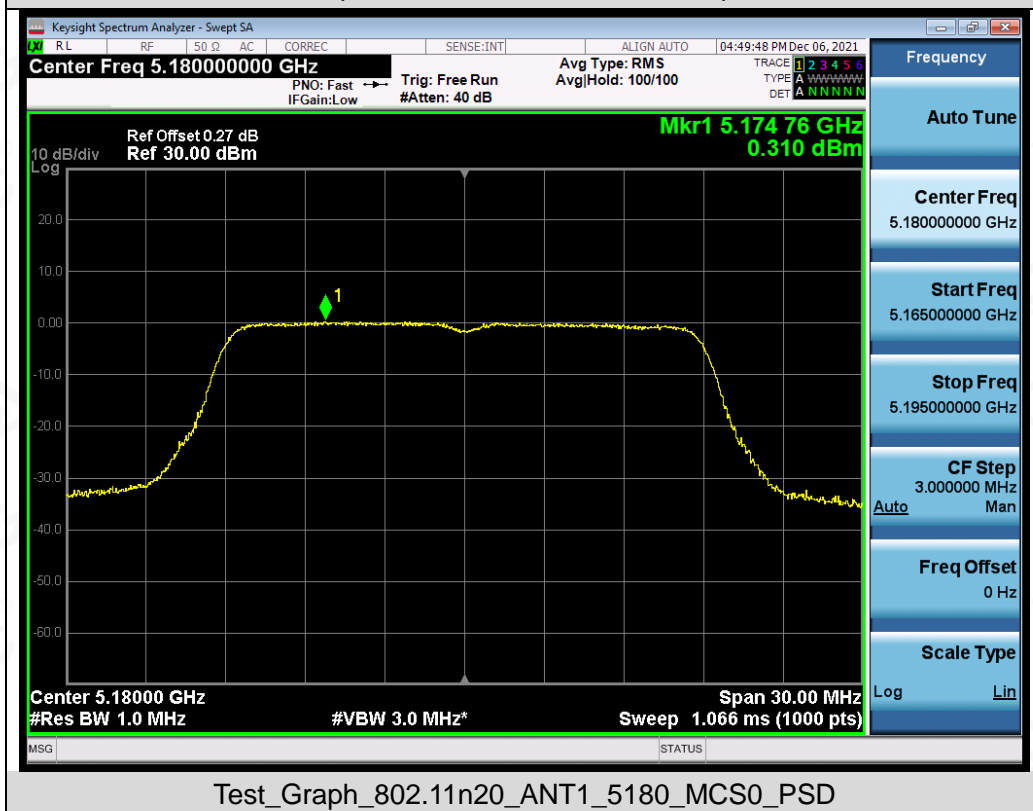
Test\_Graph\_802.11a\_ANT1\_5200\_6Mbps\_PSD

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Test\_Graph\_802.11n20\_ANT1\_5200\_MCS0\_PSD



Test\_Graph\_802.11n20\_ANT1\_5240\_MCS0\_PSD

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