



# TEST REPORT

**APPLICANT** : Fujian Newland Auto-ID Tech Co.,Ltd.  
**PRODUCT NAME** : Information Terminal  
**MODEL NAME** : NLS-NQuire1000  
**BRAND NAME** : Newland  
**FCC ID** : SL9NLS-NQUIRE1000  
**STANDARD(S)** : 47 CFR Part 15 Subpart E  
**TEST DATE** : 2018-07-03 to 2018-07-20  
**ISSUE DATE** : 2018-07-27

Tested by: Tu Ya'nan  
Tu Ya'nan (Test Engineer)  
Approved by: Peng Huarui  
Peng Huarui ( Supervisor )

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<b>Change History</b>		
<b>Issue</b>	<b>Date</b>	<b>Reason for change</b>
1.0	2018-07-27	First edition



# 1. Technical Information

**Note:** Provide by applicant.

## 1.1. Applicant and Manufacturer Information

<b>Applicant:</b>	Fujian Newland Auto-ID Tech Co.,Ltd.
<b>Applicant Address:</b>	Newland Science & Technology Park, No.1 Rujiang West Rd.,Mawei district,Fuzhou,Fujian,P.R.China
<b>Manufacturer:</b>	Shenzhen Chuangwei Electronic Appliance Tech Co., Ltd.
<b>Manufacturer Address:</b>	4F & 6F, Overseas plant south, Skyworth Industrial Park, Shiyan Street, Bao'an District, Shenzhen, P.R. China

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	Information Terminal
<b>Serial No:</b>	(N/A, marked #1 by test site)
<b>Hardware Version:</b>	NQ1000-MB-D6-V02
<b>Software Version:</b>	NQ1000-Android-7-1-V005
<b>Modulation Type:</b>	OFDM
<b>Modulation Mode:</b>	802.11a, 802.11n(HT20), 802.11n(HT40)
<b>Operating Frequency Range:</b>	5.180 GHz- 5.240 GHz; 5.260 GHz -5.320 GHz ; 5.500 GHz -5.720 GHz ; 5.745GHz- 5.825GHz
<b>Channel Number:</b>	Refer to 1.3
<b>Antenna Type:</b>	FPC Antenna
<b>Antenna Gain:</b>	4.77 dBi

**Note 1:** WIFI hotspot does not support U-NII band.

**Note 2:** During test, the duty cycle of the EUT was setting to 100%.

**Note 3:** For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

### 1.3. The channel number and frequency of EUT

Frequency Range: 5180MHz-5240MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	<b>36</b>	<b>5180</b>	40	5200
	<b>44</b>	<b>5220</b>	<b>48</b>	<b>5240</b>
40MHz	<b>38</b>	<b>5190</b>	<b>46</b>	<b>5230</b>
80MHz	<b>42</b>	<b>5210</b>		
Frequency Range: 5260MHz-5320MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	<b>52</b>	<b>5260</b>	56	5280
	<b>60</b>	<b>5300</b>	<b>64</b>	<b>5320</b>
40MHz	<b>54</b>	<b>5270</b>	<b>62</b>	<b>5310</b>
80MHz	<b>58</b>	<b>5290</b>		
Frequency Range: 5500MHz-5720MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	<b>100</b>	<b>5500</b>	105	5520
		5540	112	5560
		5580	<b>120</b>	<b>5600</b>
		5620	128	5640
		5660	136	5680
		5700	<b>144</b>	<b>5720</b>
40MHz	<b>102</b>	<b>5510</b>	110	5550
		5590	<b>126</b>	<b>5630</b>
		5670	<b>142</b>	<b>5710</b>
80MHz	<b>106</b>	<b>5530</b>	<b>122</b>	<b>5610</b>
	<b>138</b>	<b>5690</b>		
Frequency Range: 5745-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	<b>149</b>	<b>5745</b>	153	5765
	<b>157</b>	<b>5785</b>	161	5805
	<b>165</b>	<b>5825</b>		
40MHz	<b>151</b>	<b>5775</b>	<b>159</b>	<b>5795</b>
80MHz	<b>155</b>	<b>5775</b>		

**Note 1:** The black bold channels were selected for test.



## 1.4. Test Standards and Results

The objective of the report is to perform testing according to 47 CFR Part 15 Subpart E (U-NII band) for the EUT FCC ID Certification:

No	Identity	Document Title
1	47 CFR Part 15 (5-1-14 Edition)	Radio Frequency Devices

Test detailed items/section required by FCC rules and results are as below:

No.	Section	Description	Test Date	Test Engineer	Result
1	15.203	Antenna Requirement	N/A	N/A	PASS
2	15.407(a) (e)	Emission Bandwidth	Jul 11&20, 2018	Tu Ya'nan	PASS
3	15.407(a)	Maximum conducted output Power	Jul 11, 2018	Tu Ya'nan	PASS
4	15.407(a)	Peak Power spectral density	Jul 11&12, 2018	Tu Ya'nan	PASS
5	15.407(g)	Frequency Stability	Jul 11, 2018	Tu Ya'nan	PASS
6	15.207	Conducted Emission	Jul 03, 2018	Zheng Fengjian	PASS
7	15.407(b)	Restricted Frequency Bands	Jul 05&06, 2018	Zheng Fengjian	PASS
8	15.407(b)	Radiated Emission	Jul 12&13, 2018	Zheng Fengjian	PASS

**Note1:** The DFS test report was documented in a separate report (Report No.: SZ18030225W10).

**Note2:** The tests of Conducted Emission and Radiated Emission were performed according to the method of measurements prescribed in ANSI C63.10 2013.

**Note3:** These RF tests were performed according to the method of measurements prescribed in KDB789033 D02 General UNII Test Procedures New Rules v01r03

## 1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15 - 35
Relative Humidity (%):	30 -60
Atmospheric Pressure (kPa):	86-106



## 2. 47 CFR Part 15C Requirements

### 2.1. Antenna requirement

#### 2.1.1. Applicable Standard

According to FCC 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

#### 2.1.2. 2.1.2 Result: Compliant

The EUT has a permanently and irreplaceable attached antenna. Please refer to the EUT internal photos.

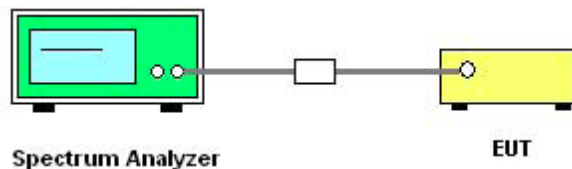
## 2.2. Emission Bandwidth

### 2.2.1. Requirement

For purposes of this subpart the emission bandwidth shall be determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of the modulated carrier. Determination of the emissions bandwidth is based on the use of measurement instrumentation employing a peak detector function with an instrument resolution bandwidth approximately equal to 1.0 percent of the emission bandwidth of the device under measurement. Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

### 2.2.2. Test Description

#### A. Test Set:



The EUT is coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

#### B. Test Procedure

1. KDB 789033 Section C) 1) Emission Bandwidth was used in order to prove compliance

- a) Set RBW = approximately 1% of the emission bandwidth.
- b) Set the VBW > RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Measure the maximum width of the emission that is 26 dB down from the peak 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%.

2. KDB 789033 Section C) 2) minimum emission bandwidth for the band 5.725-5.85GHz was used in order to prove compliance.

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW)  $\geq 3 \times$  RBW.
- c) Detector = Peak.





- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

### 2.2.3. Test Result

#### 802.11a Test mode

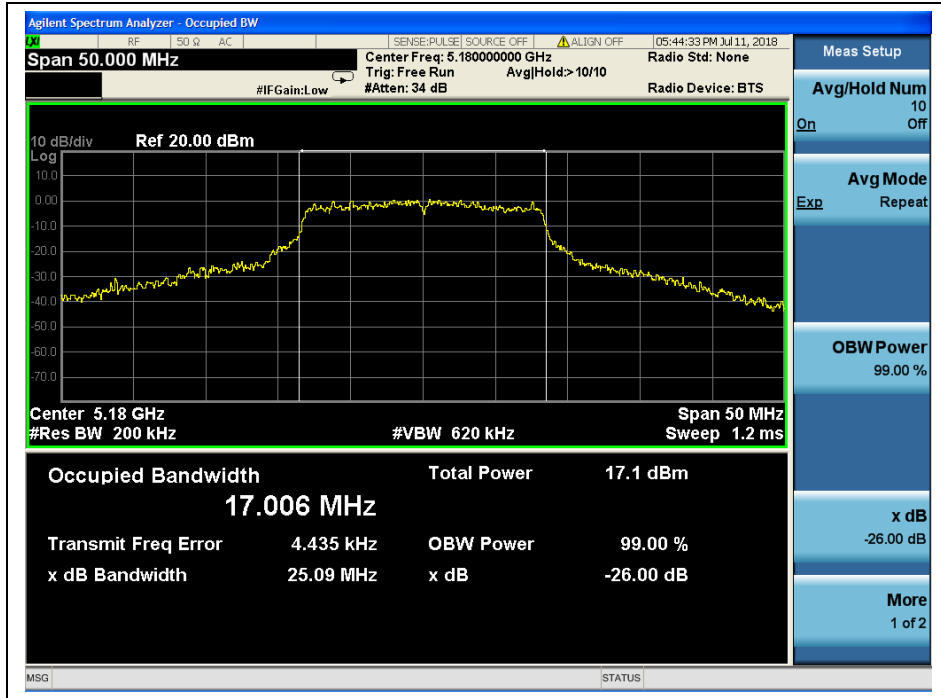
##### A. Test Verdict:

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
36	5180	25.09
44	5220	25.30
48	5240	25.22 <sub>Note</sub>
52	5260	27.83
60	5300	25.35
64	5320	26.48
100	5500	21.44
120	5600	22.08
144	5720	21.38
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
144	5720	16.34
149	5745	16.34
157	5785	16.35
165	5825	16.35

**Note:** The high frequency of the -26dB is 5249.51MHz which is out of the DFS frequency range, so there is no DFS testing requirement.



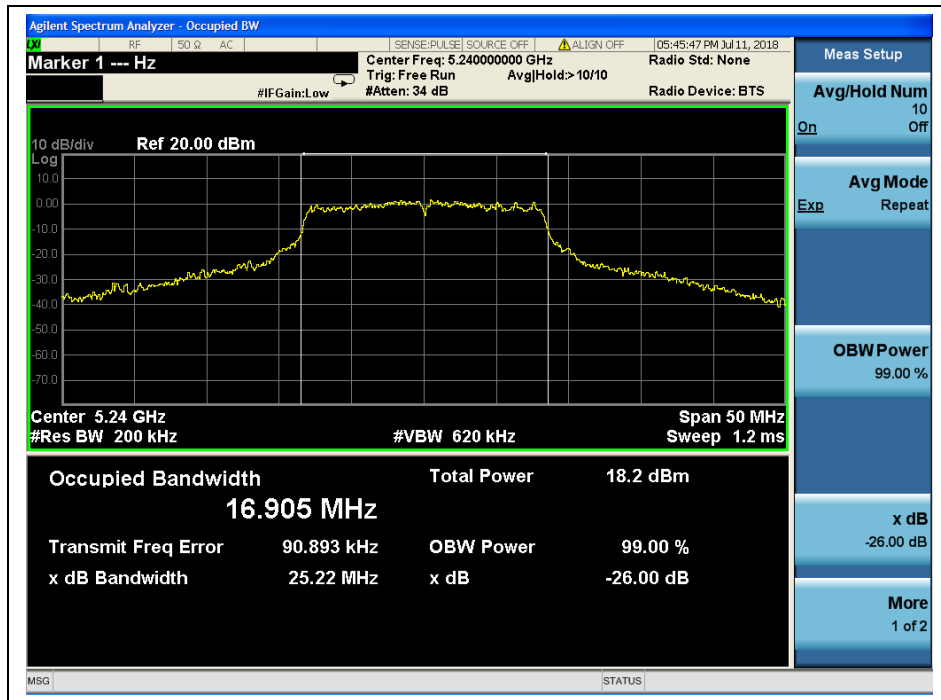
B. Test Plots



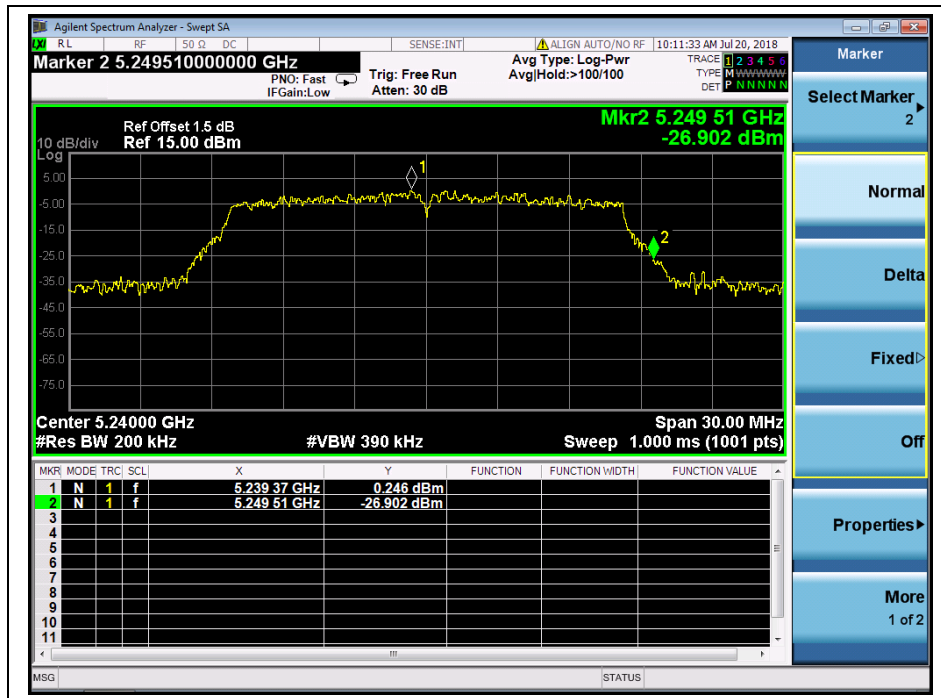
(Channel 36, 5180MHz, 802.11a,)



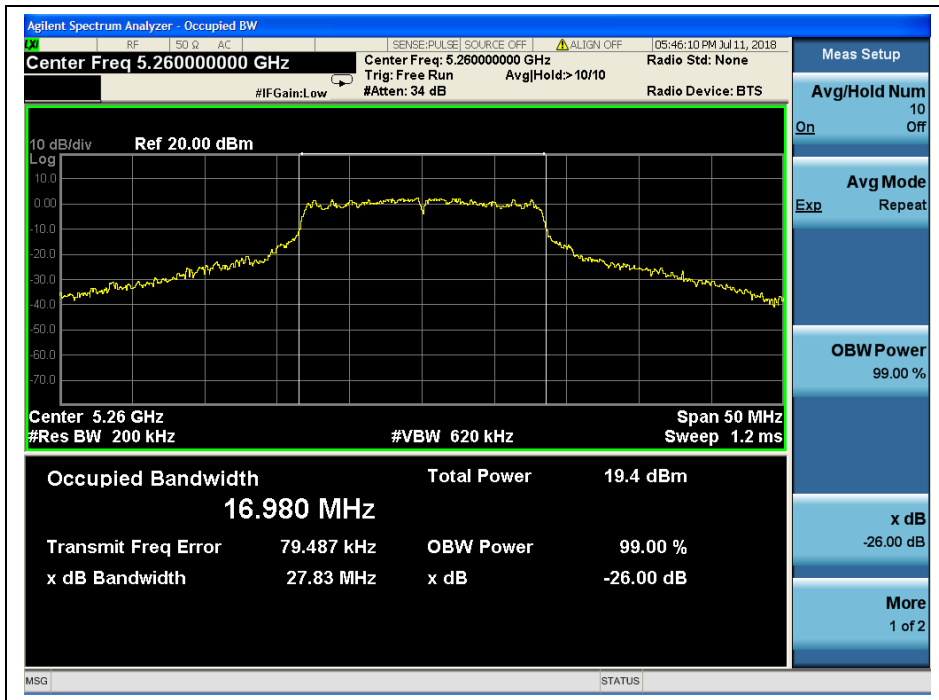
(Channel 44, 5220 MHz, 802.11a,)



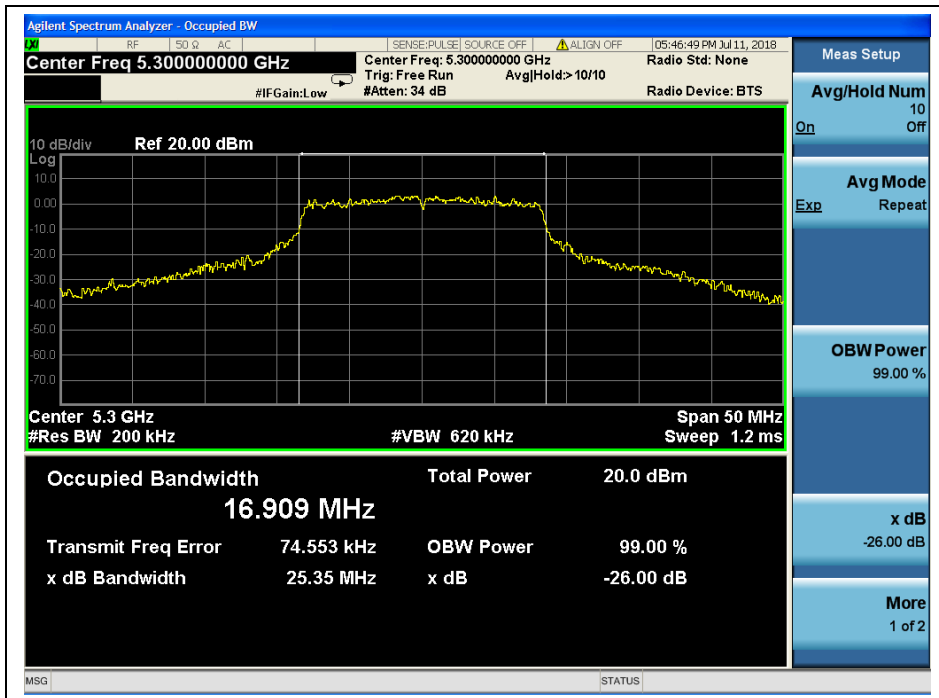
(Channel 48, 5240MHz, 802.11a,)



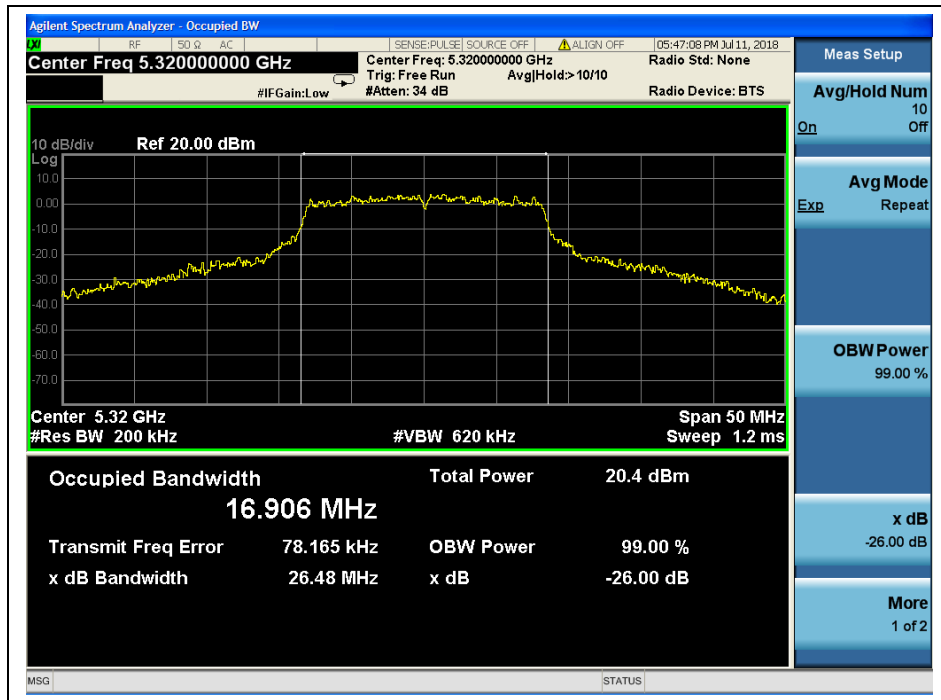
(Channel 48, 5240MHz, fh of -26dB, 802.11a,)



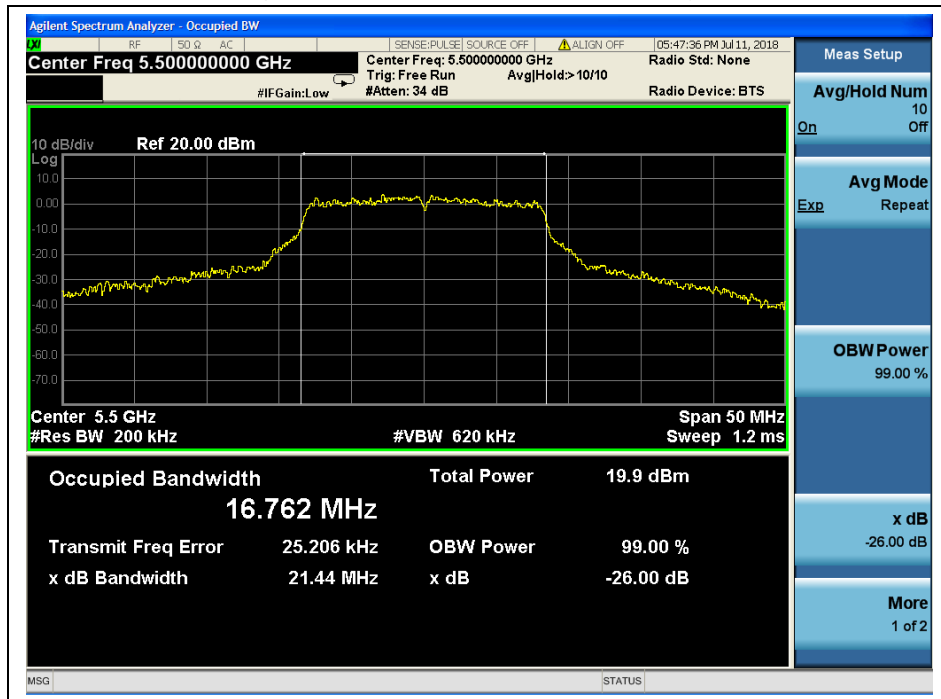
(Channel 52, 5260MHz, 802.11a,)



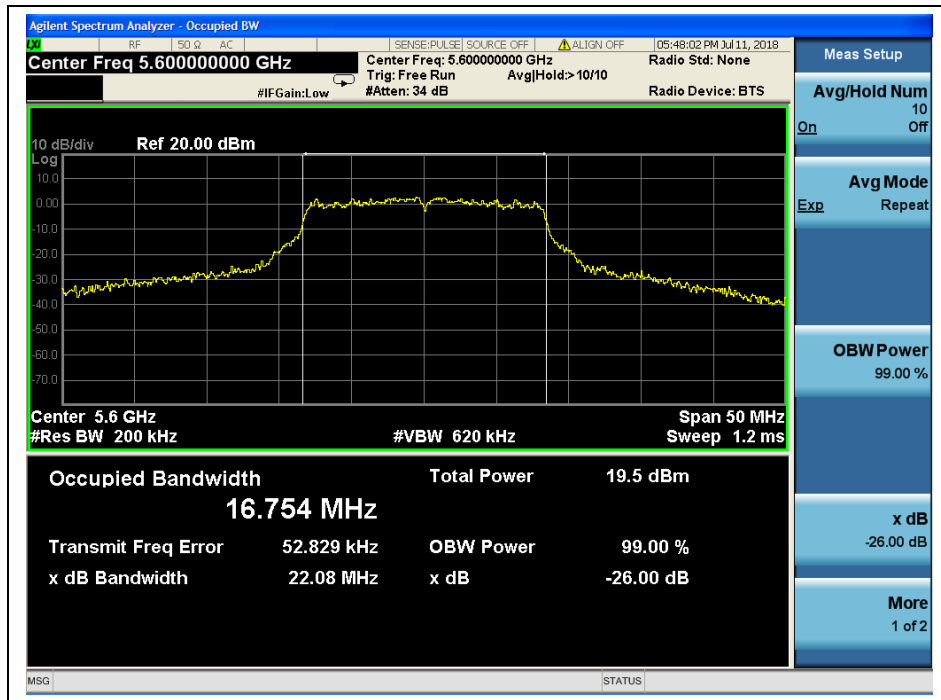
(Channel 60, 5300 MHz, 802.11a,)



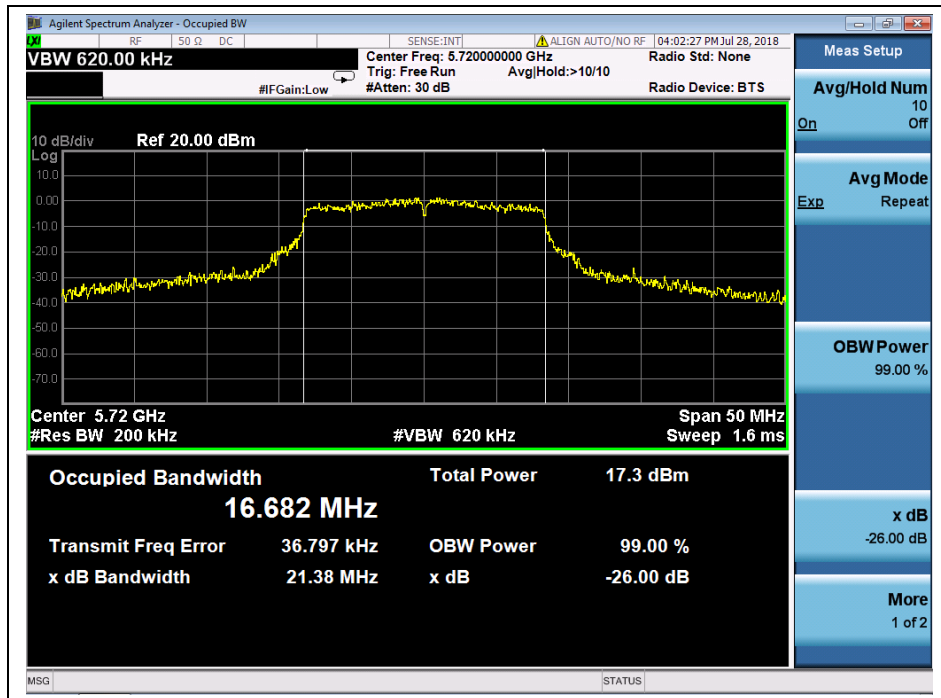
(Channel 64, 5320MHz, 802.11a,)



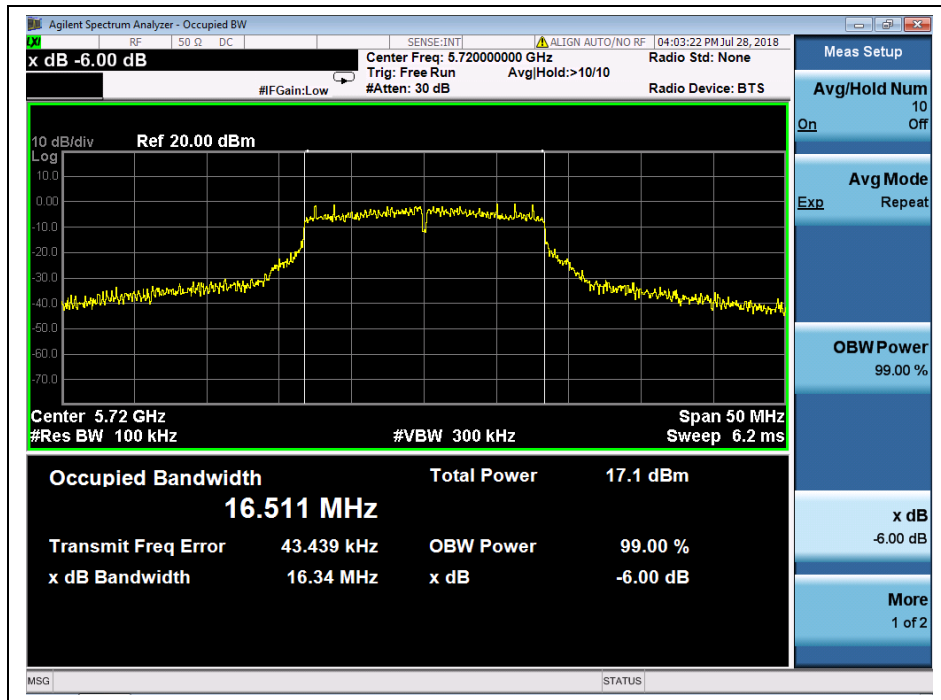
(Channel 100, 5500MHz, 802.11a,)



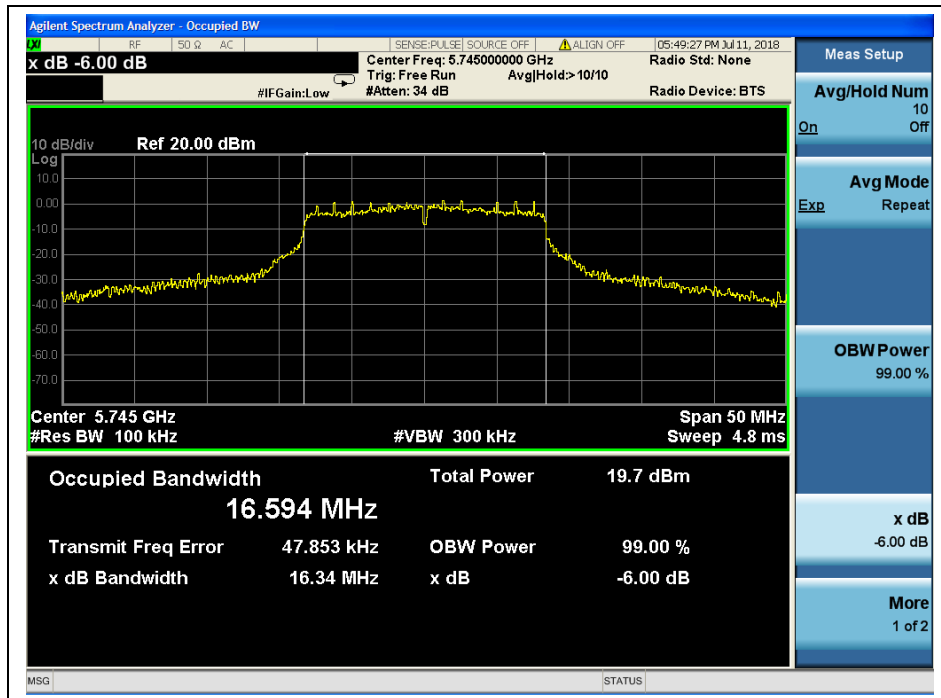
(Channel 120, 5600 MHz, 802.11a,)



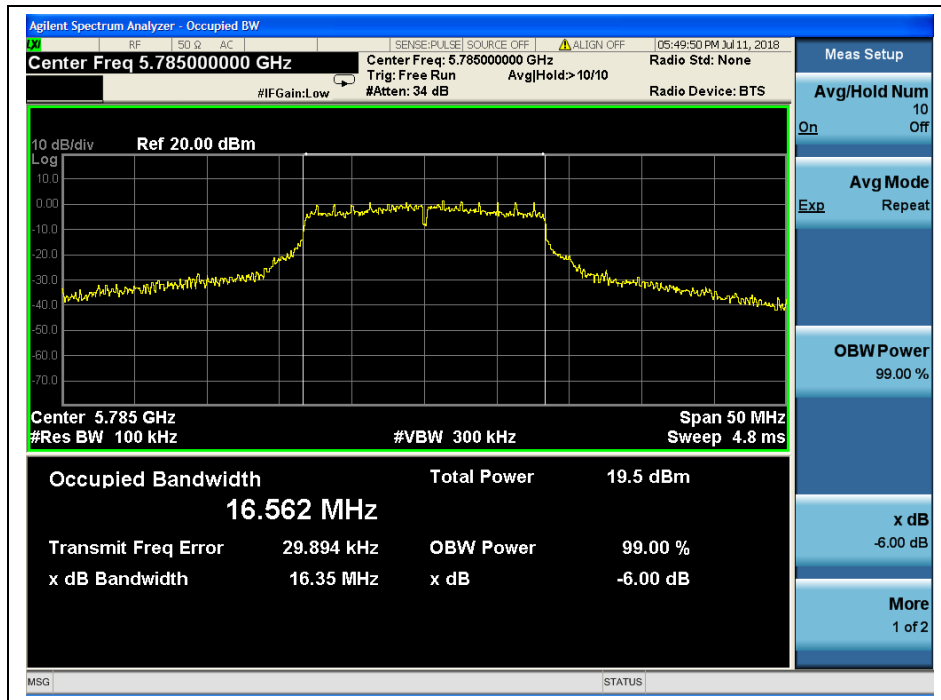
(Channel 144, 5720MHz, 802.11a,)



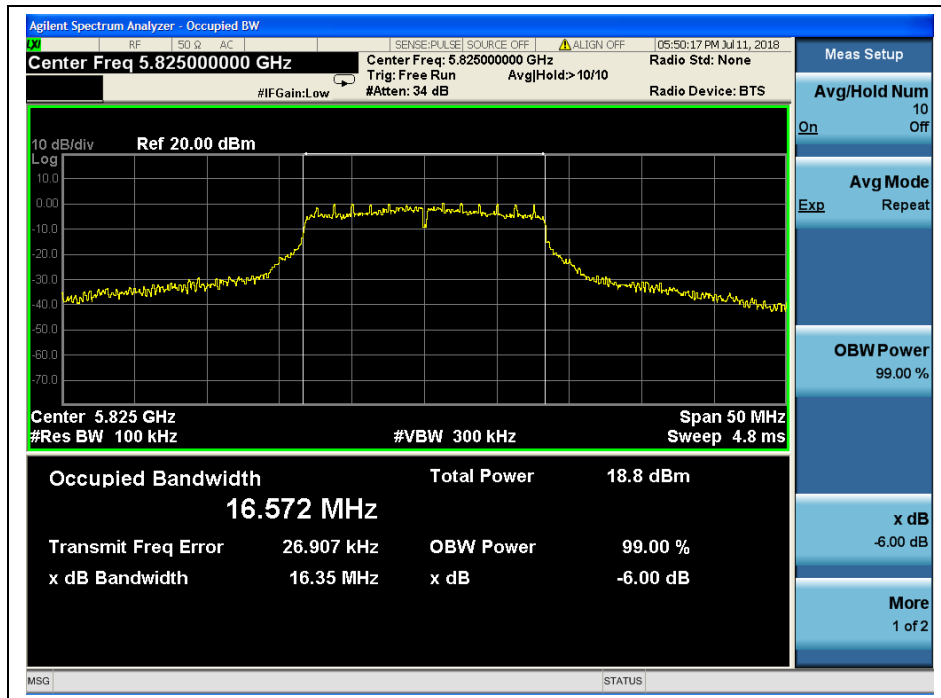
(Channel 144, 5720MHz, 802.11a,)



(Channel 149, 5745MHz, 802.11a)



(Channel 157, 5785MHz, 802.11a)



(Channel 165, 5825MHz, 802.11a)





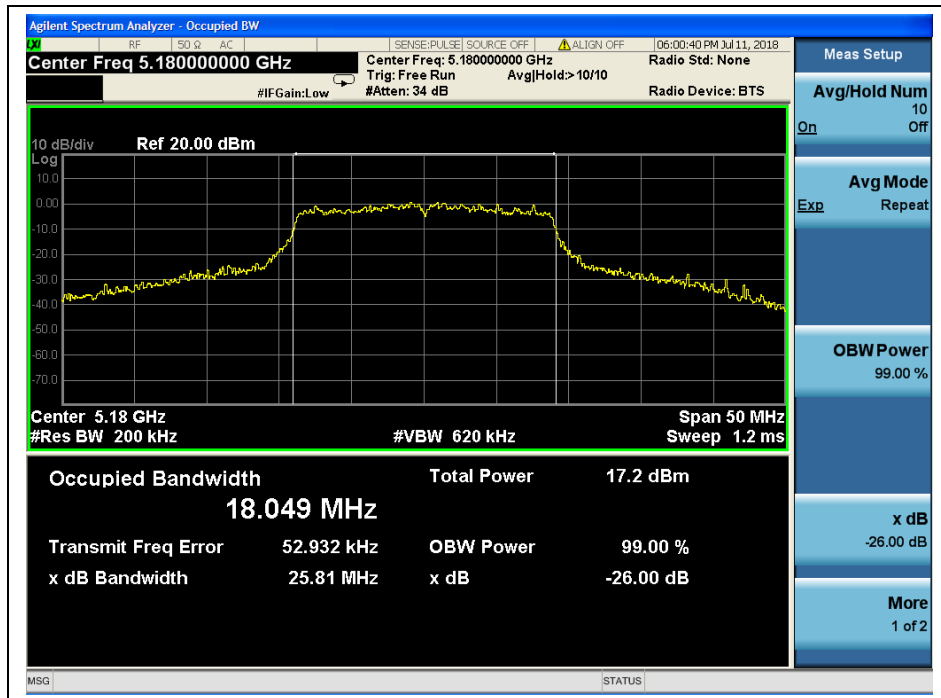
802.11n (HT20) Test mode

A. Test Verdict:

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
36	5180	25.81
44	5220	25.06
48	5240	26.03 <i>Note</i>
52	5260	25.80
60	5300	26.29
64	5320	25.64
100	5500	21.52
120	5600	21.60
144	5720	22.99
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
144	5720	17.62
149	5745	17.59
157	5785	16.99
165	5825	17.10

**Note:** The high frequency of the -26dB is 5249.87MHz which is out of the DFS frequency range, so there is no DFS testing requirement.

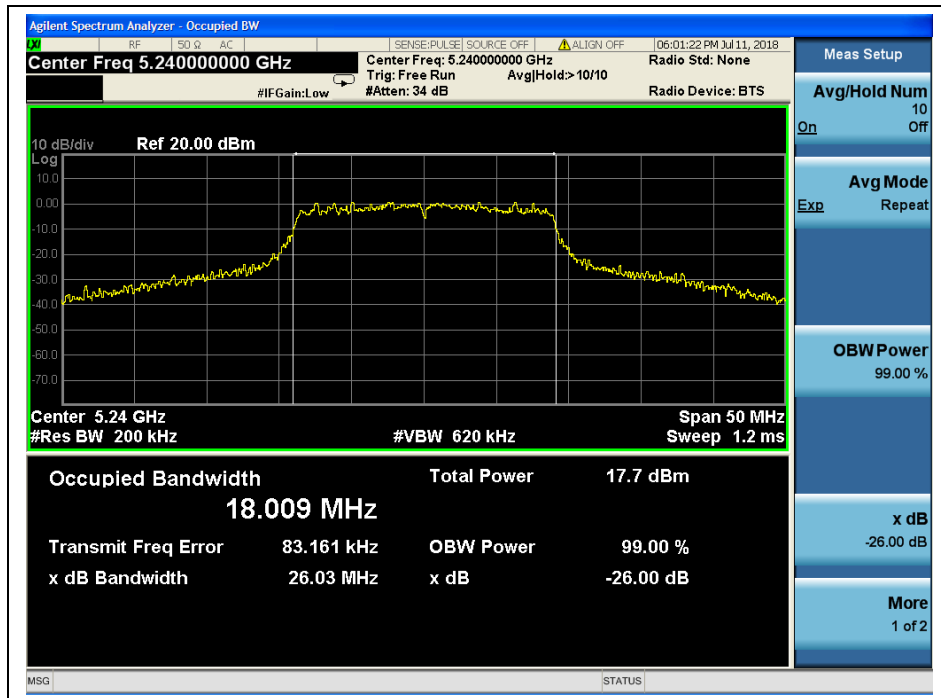
B. Test Plots



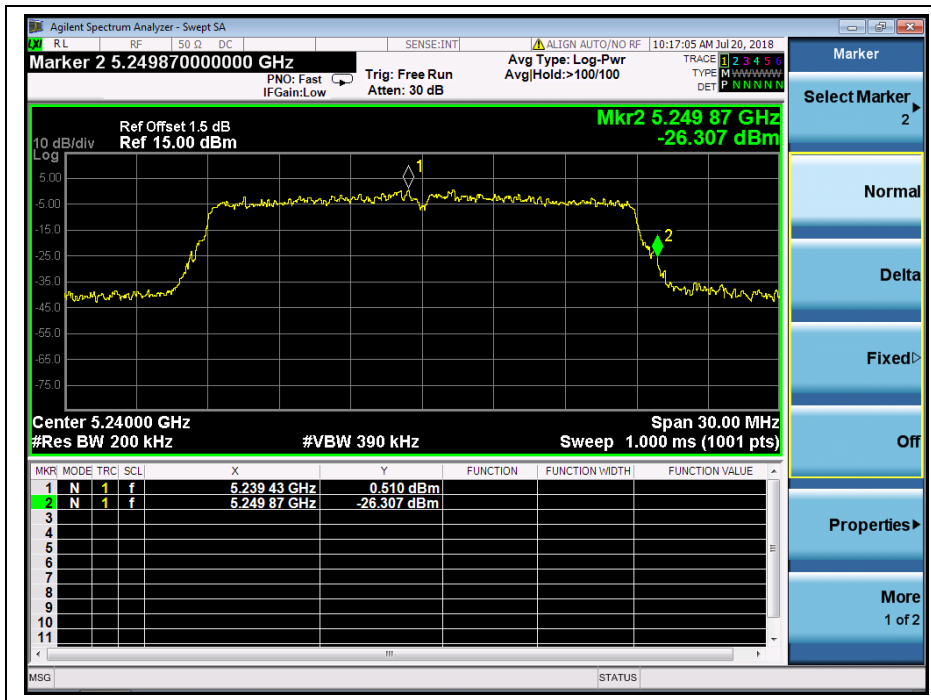
(Channel 36, 5180MHz, 802.11 n (HT20))



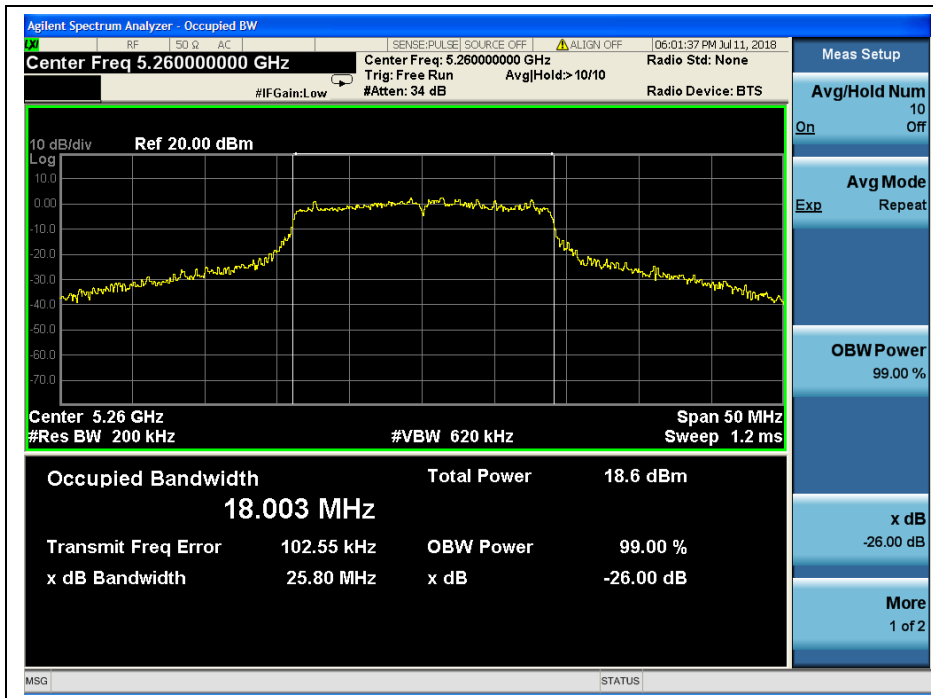
(Channel 44, 5220 MHz, 802.11 n (HT20))



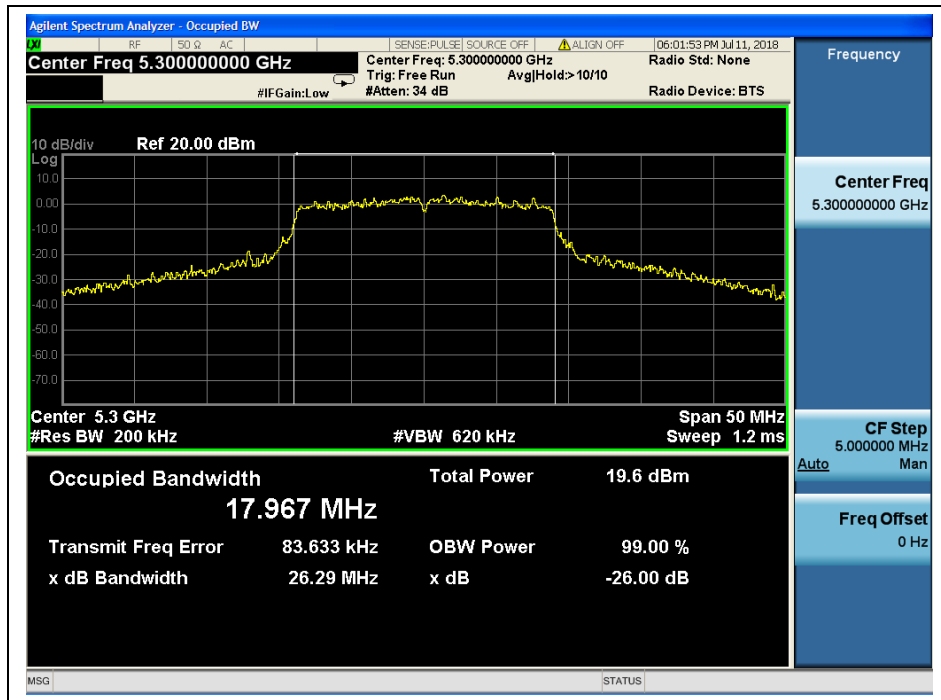
(Channel 48, 5240MHz, 802.11 n (HT20))



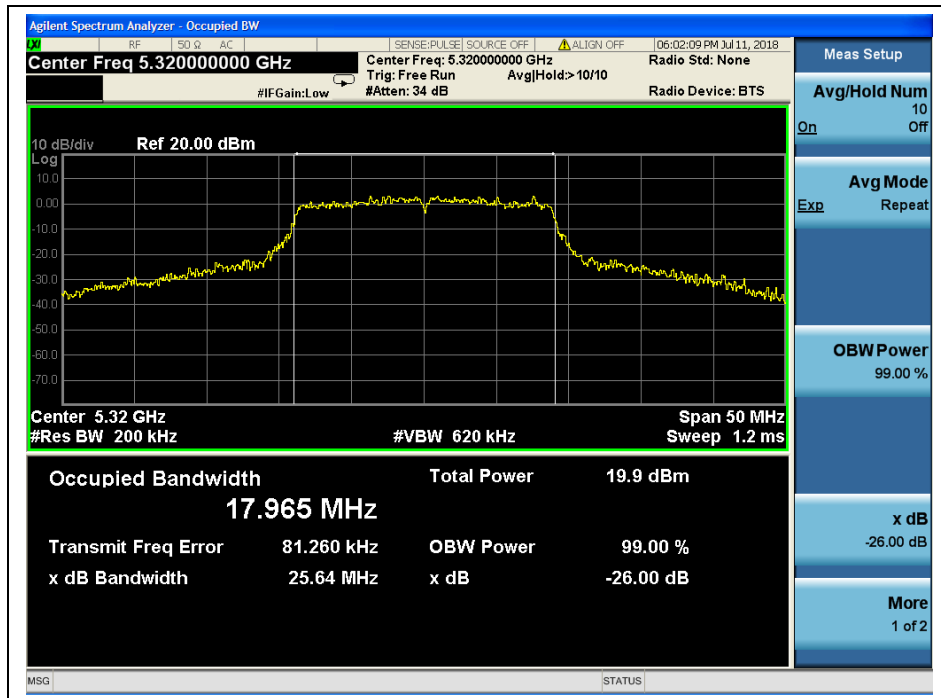
(Channel 48, 5240MHz, fh of -26dB, 802.11 n (HT20))



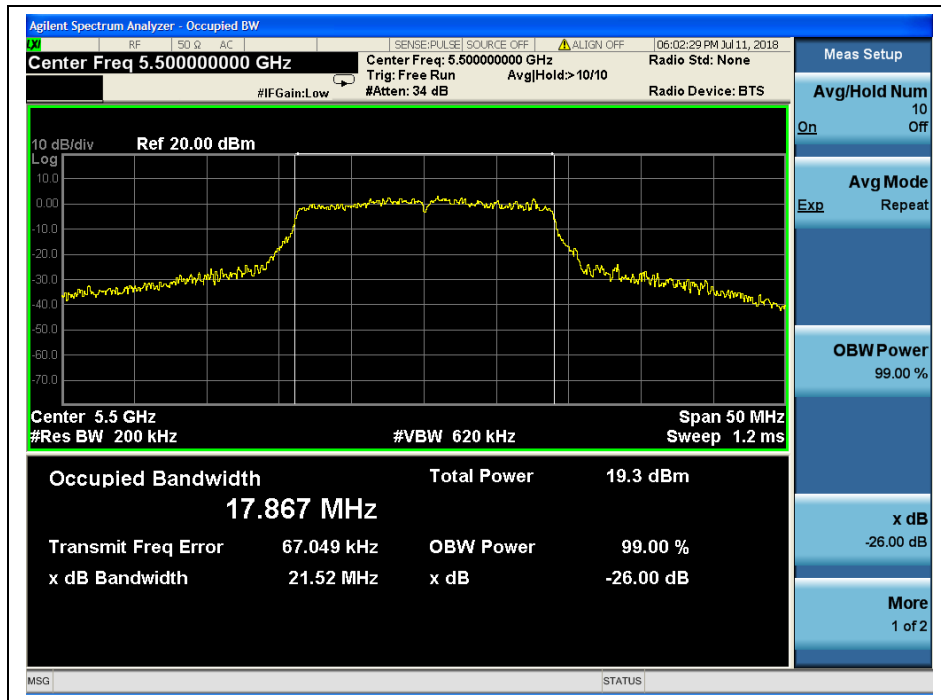
(Channel 52, 5260MHz, 802.11 n (HT20))



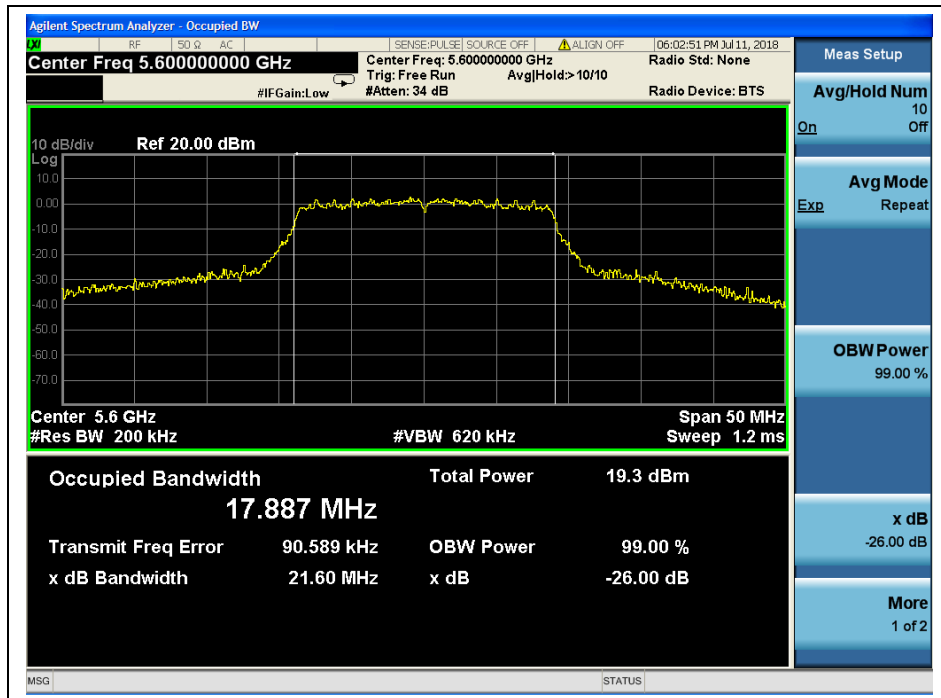
(Channel 60, 5300 MHz, 802.11 n (HT20))



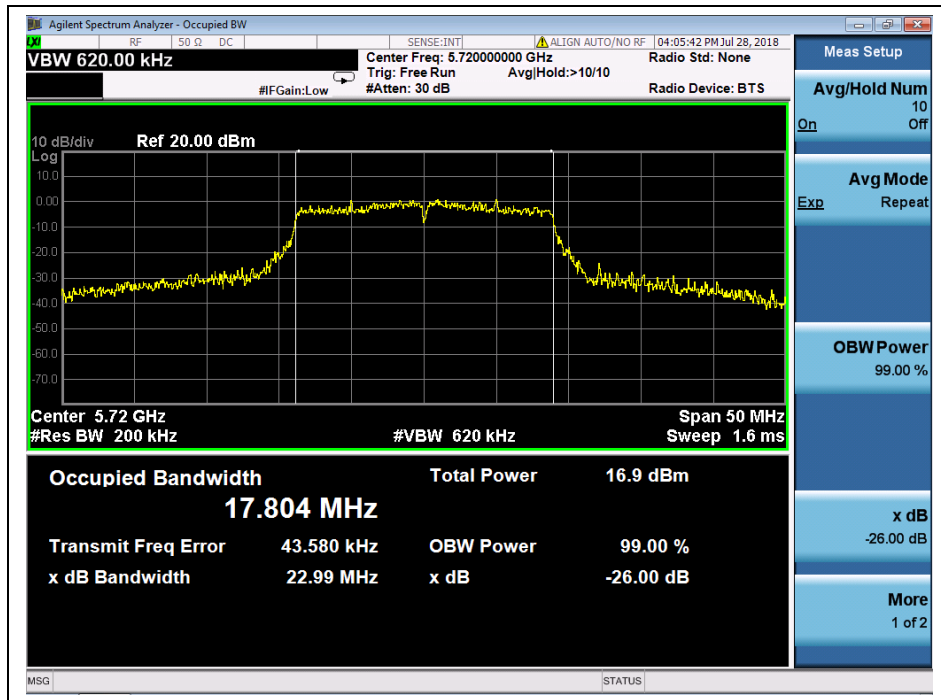
(Channel 64, 5320MHz, 802.11 n (HT20))



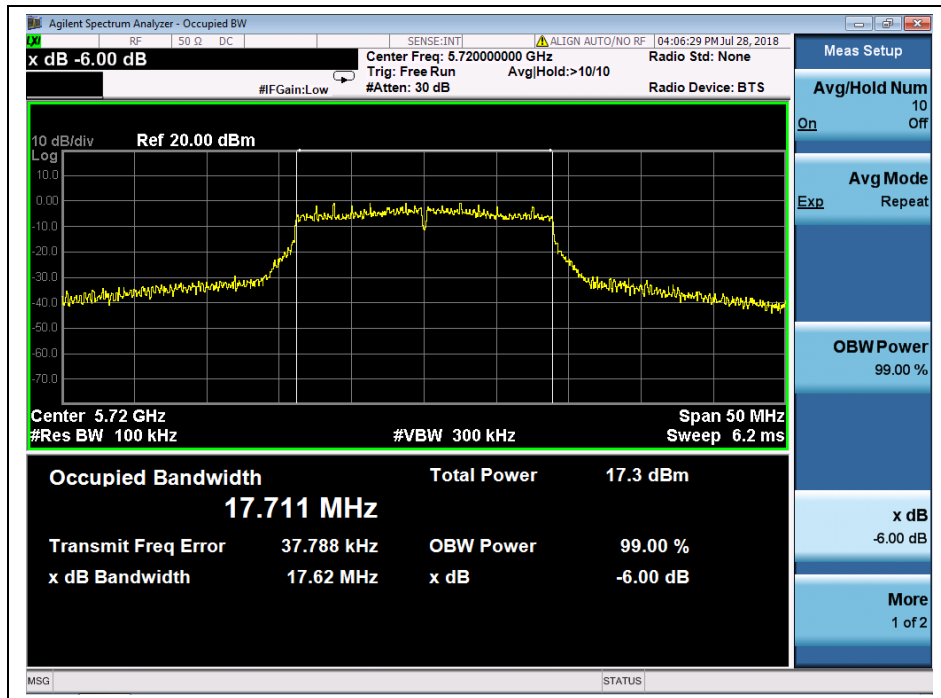
(Channel 100, 5500MHz, 802.11 n (HT20))



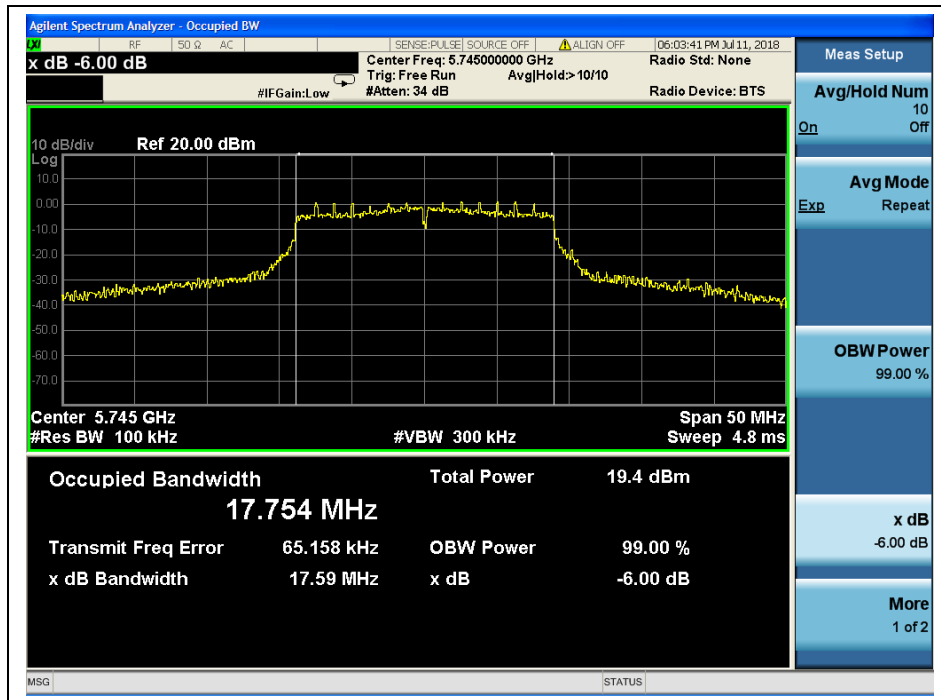
(Channel 120, 5600 MHz, 802.11 n (HT20))



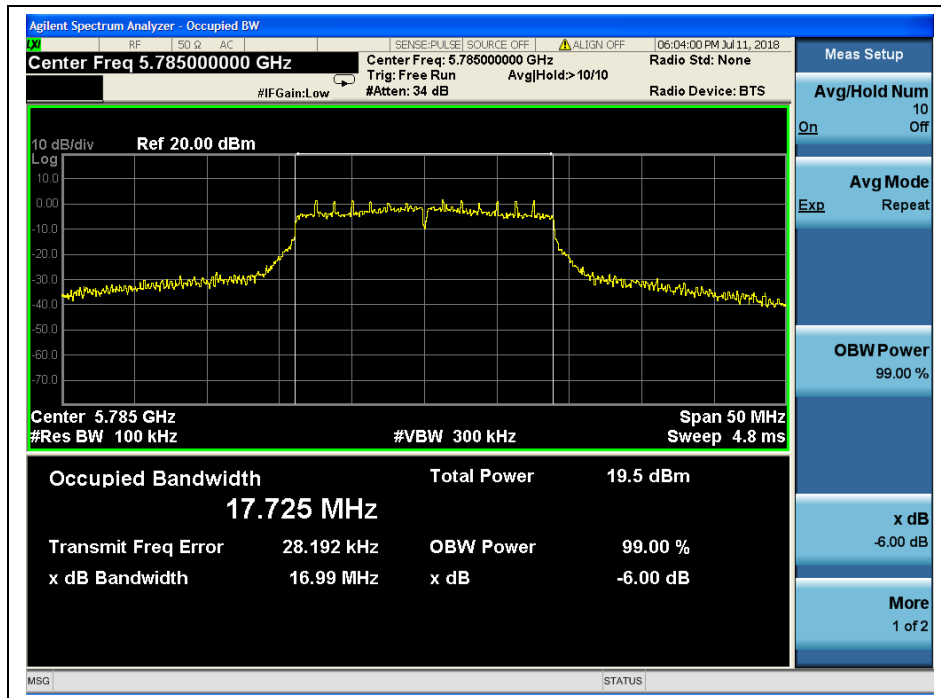
(Channel 144, 5720MHz, 802.11 n (HT20))



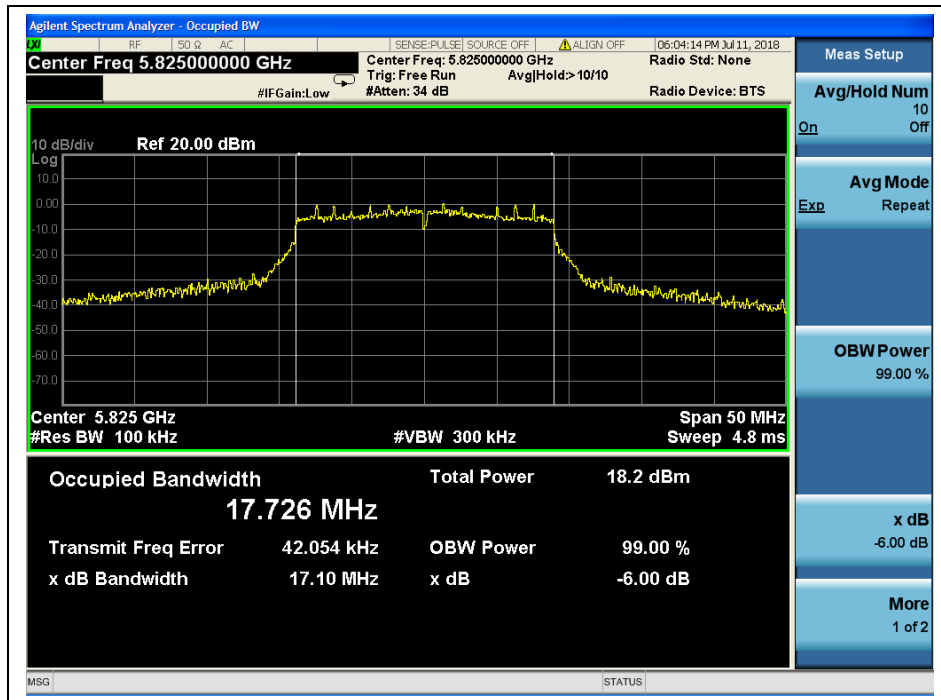
(Channel 144, 5720MHz, 802.11 n (HT20))



(Channel 149, 5745MHz, 802.11 n (HT20))



(Channel 157, 5785MHz, 802.11 n (HT20))



(Channel 165, 5825MHz, 802.11 n (HT20))

**802.11n (HT40) Test mode**

**A. Test Verdict:**

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
38	5190	51.44
46	5230	52.28 <small>Note</small>
54	5270	50.87
62	5310	53.22
102	5510	41.47
126	5630	45.08
142	5710	39.77
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
142	5710	35.80
151	5755	35.80
159	5795	35.83

**Note:** The high frequency of the -26dB is 5249.45MHz which is out of the DFS frequency range, so there is no DFS testing requirement.





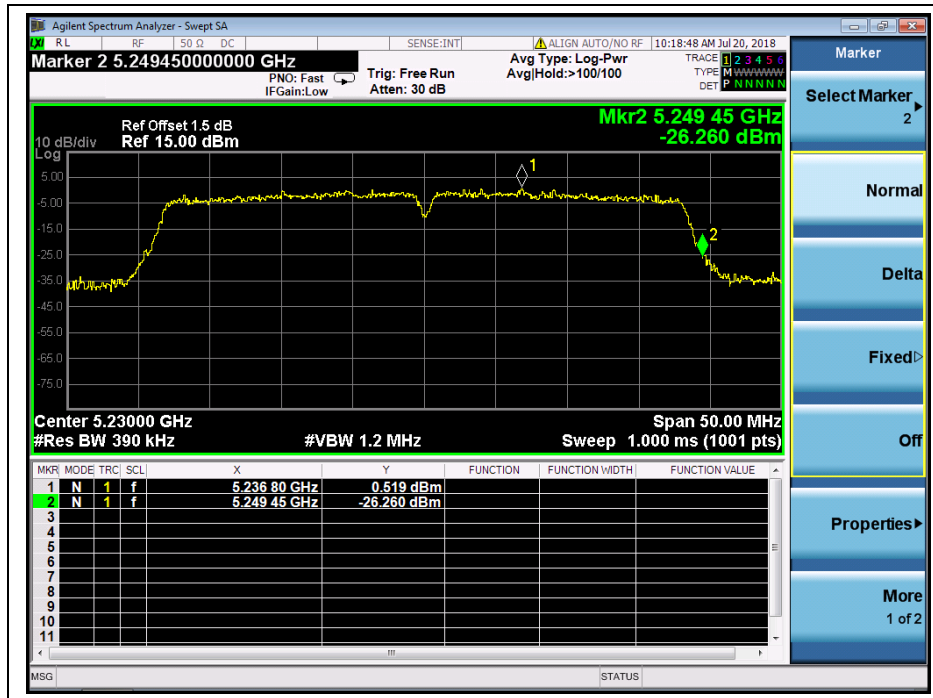
B. Test Plots



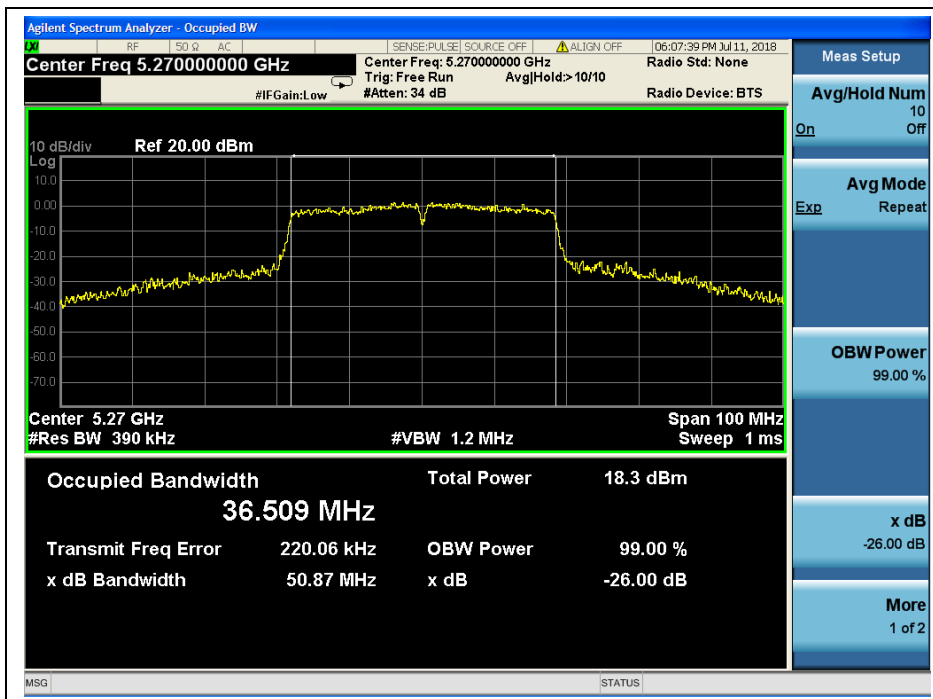
(Channel 38, 5190MHz, 802.11n (HT40))



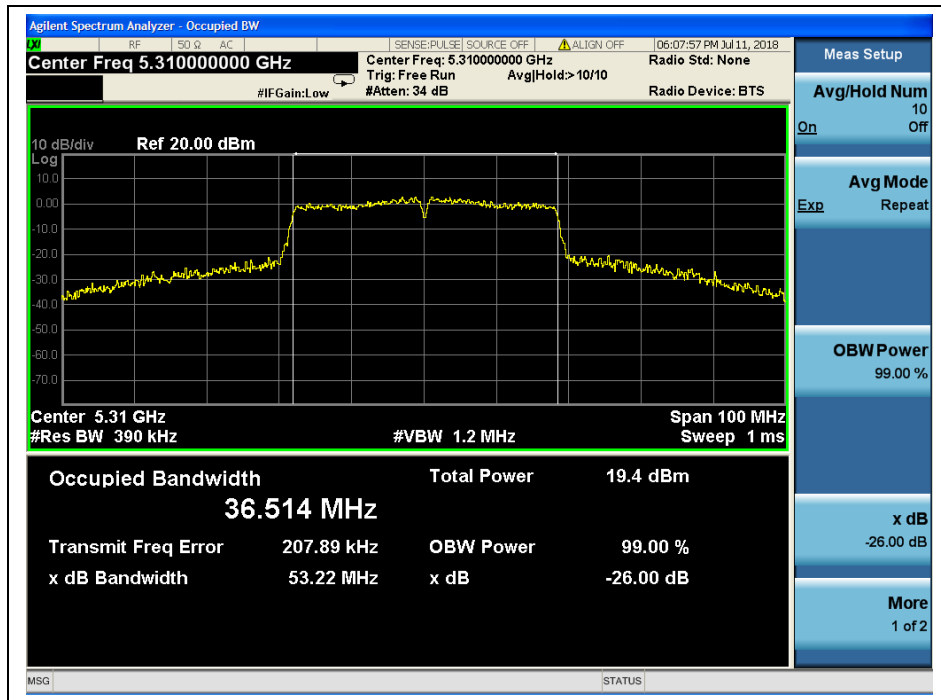
(Channel 46, 5230 MHz, 802.11n (HT40))



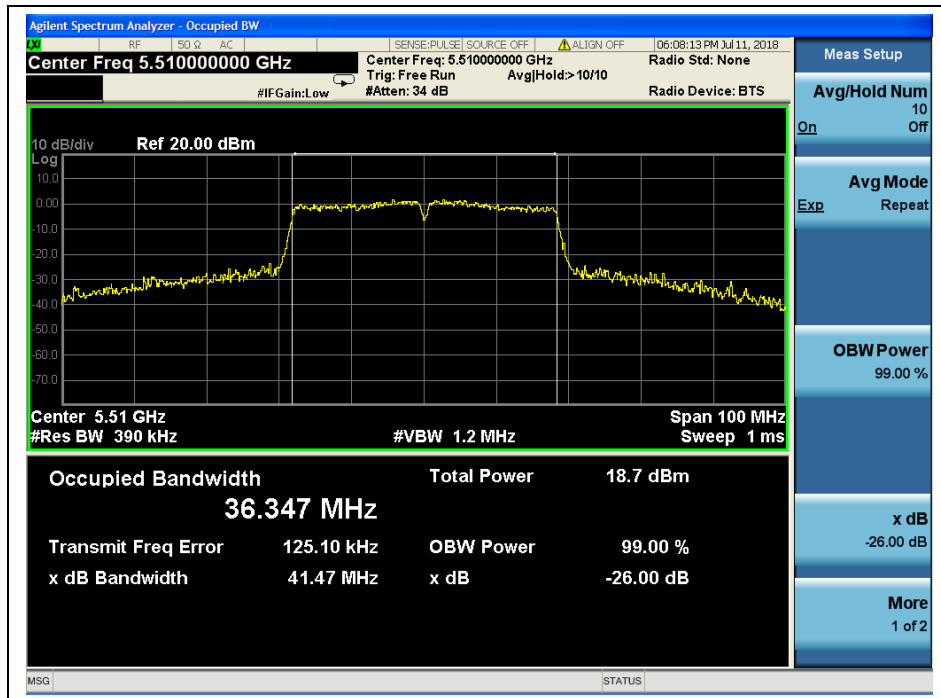
(Channel 46, 5230 MHz, fh of -26dB, 802.11n (HT40))



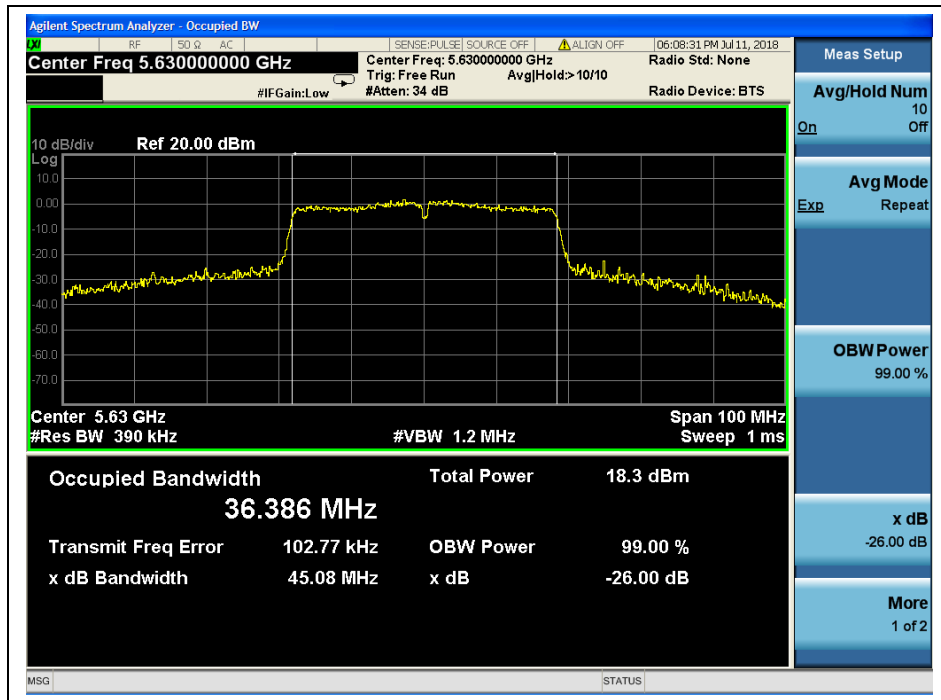
(Channel 54, 5270MHz, 802.11n (HT40))



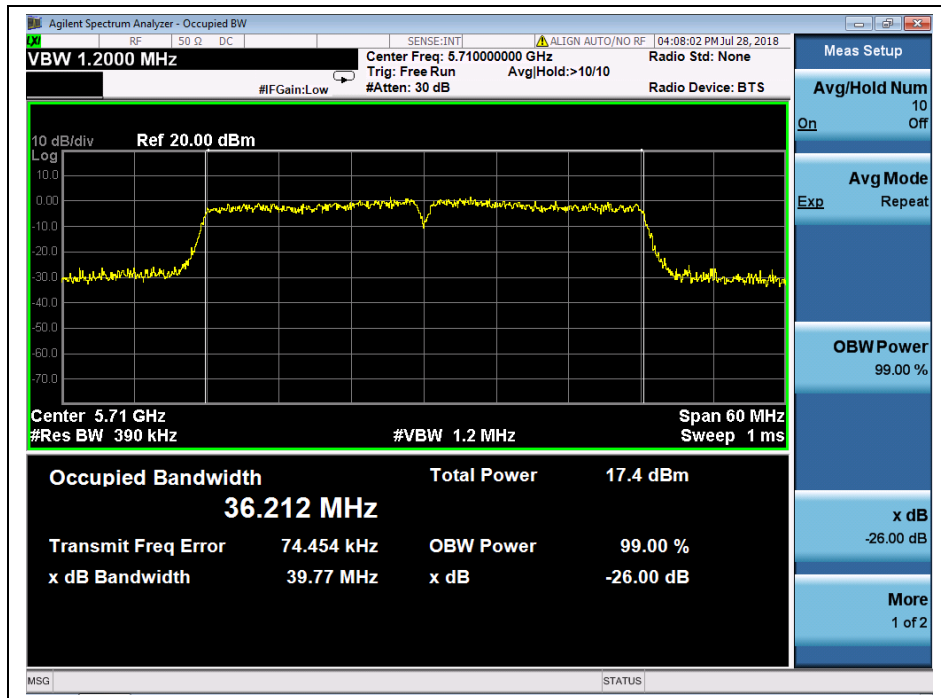
(Channel 62, 5310 MHz, 802.11n (HT40))



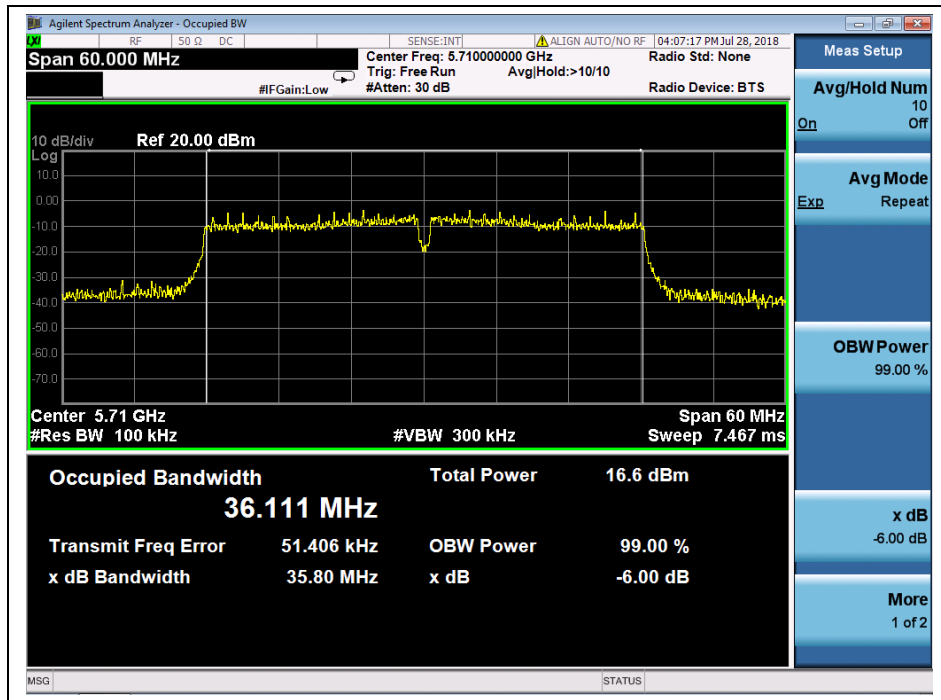
(Channel 102, 5510MHz, 802.11n (HT40))



(Channel 126, 5630 MHz, 802.11n (HT40))



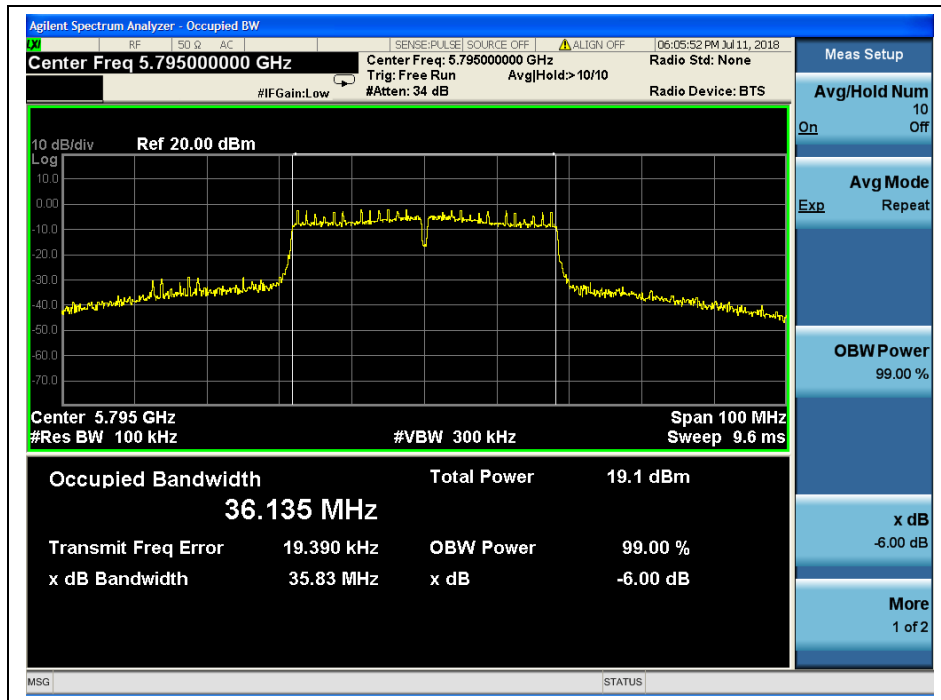
(Channel 142, 5710MHz, 802.11n (HT40))



(Channel 142, 5710MHz, 802.11n (HT40))



(Channel 151, 5755 MHz, 802.11n (HT40))



(Channel 159, 5795MHz, 802.11n (HT40))

802.11ac (VHT20) Test mode

A. Test Verdict:

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
36	5180	27.39
44	5220	24.15
48	5240	27.39 <sub>Note</sub>
52	5260	26.41
60	5300	25.04
64	5320	25.57
100	5500	23.19
120	5600	21.36
144	5720	21.57
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
144	5720	17.56
149	5745	17.08
157	5785	17.17
165	5825	17.32

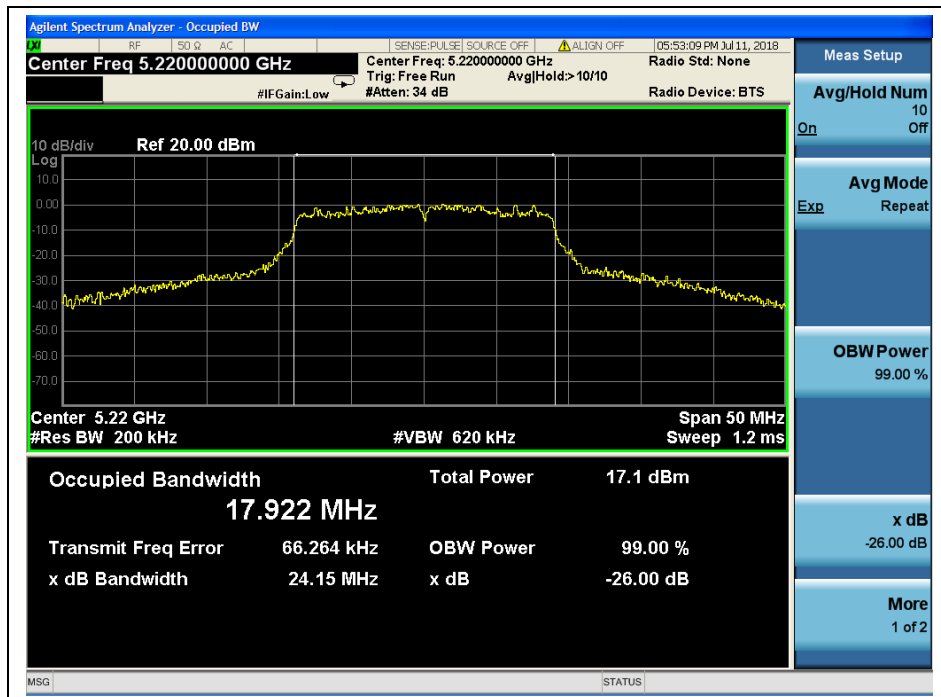
**Note:** The high frequency of the -26dB is 5249.54MHz which is out of the DFS frequency range, so there is no DFS testing requirement.



B. Test Plots



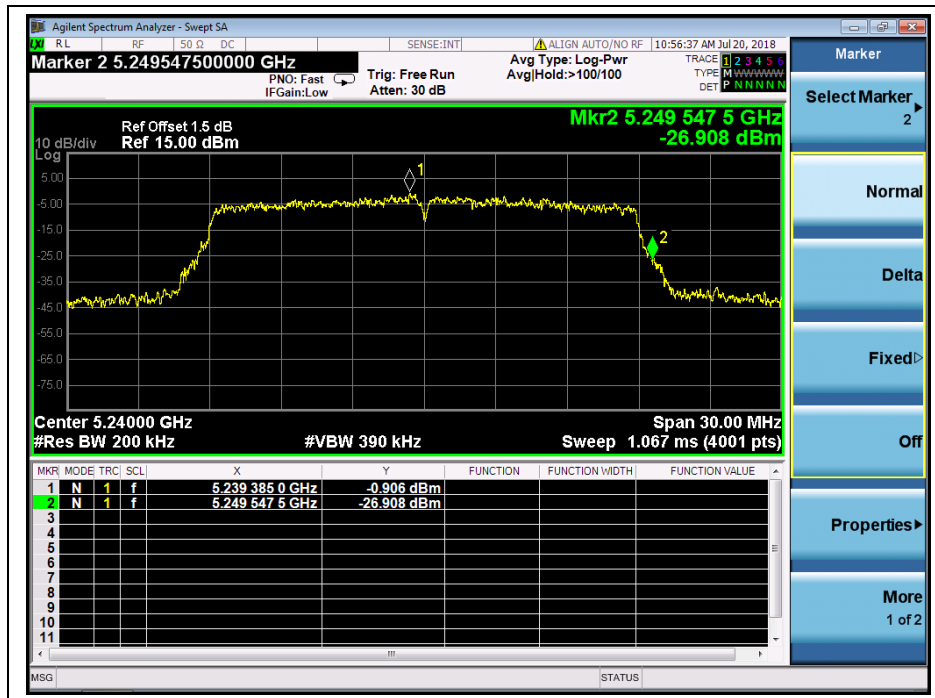
(Channel 36, 5180MHz, 802.11 ac (VHT20))



(Channel 44, 5220 MHz, 802.11 ac (VHT20))

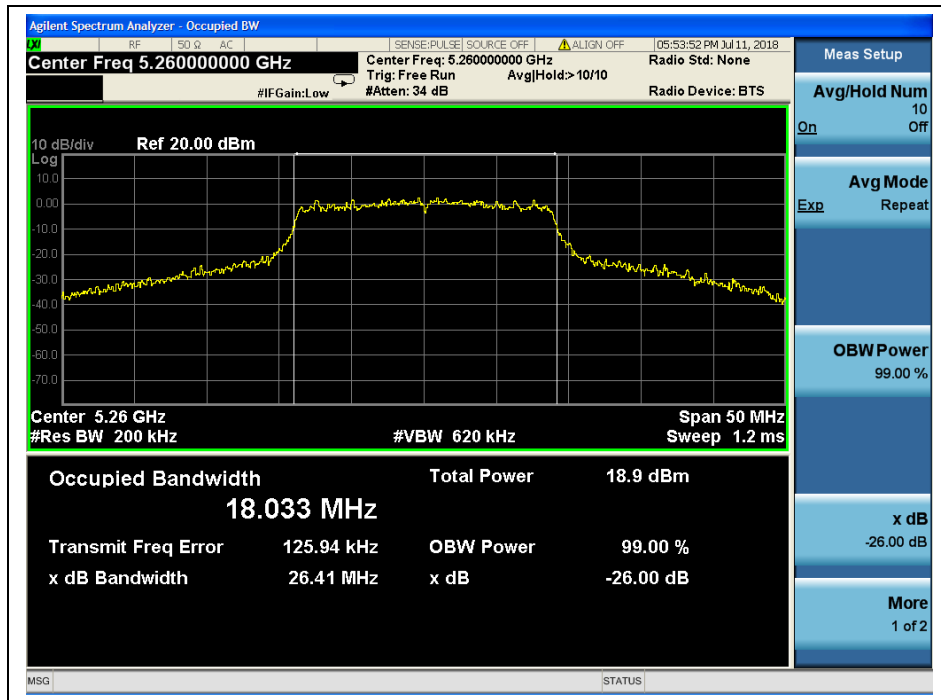


(Channel 48, 5240MHz, 802.11 ac (VHT20))

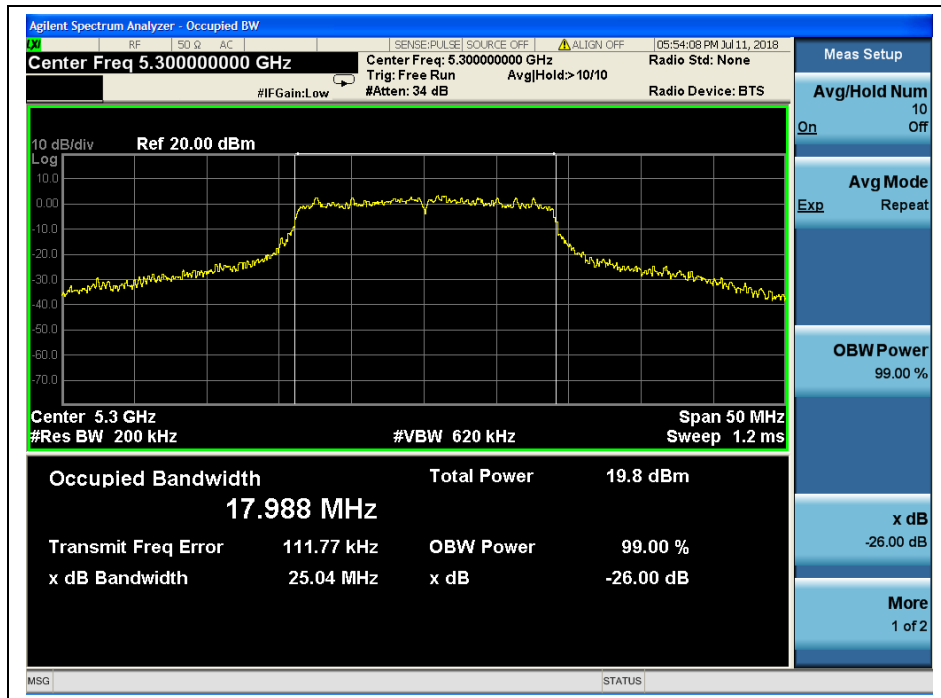


(Channel 48, 5240MHz, fh of -26dB, ac (VHT20))

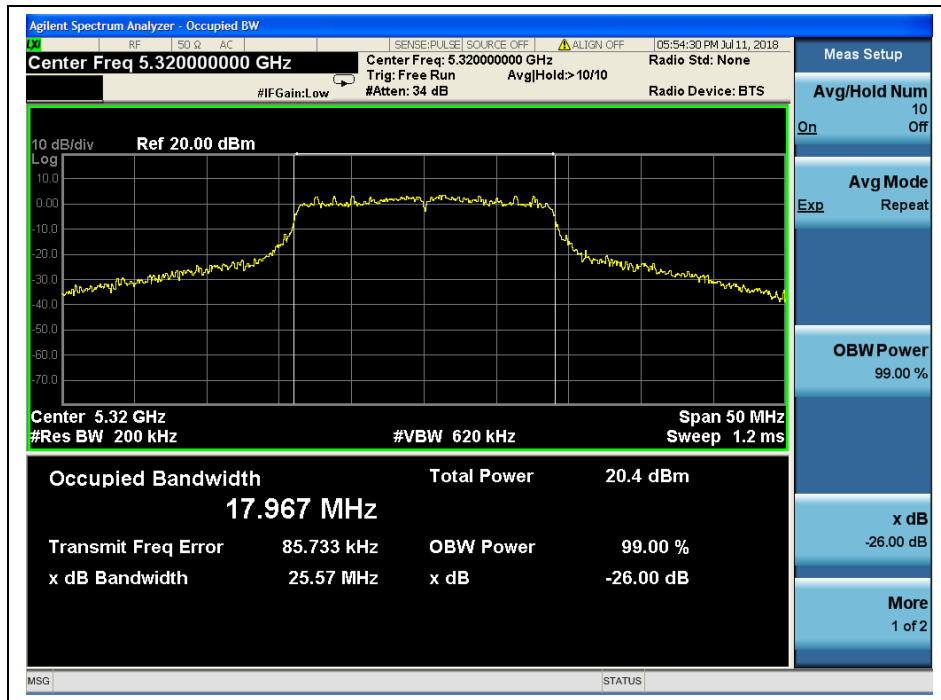




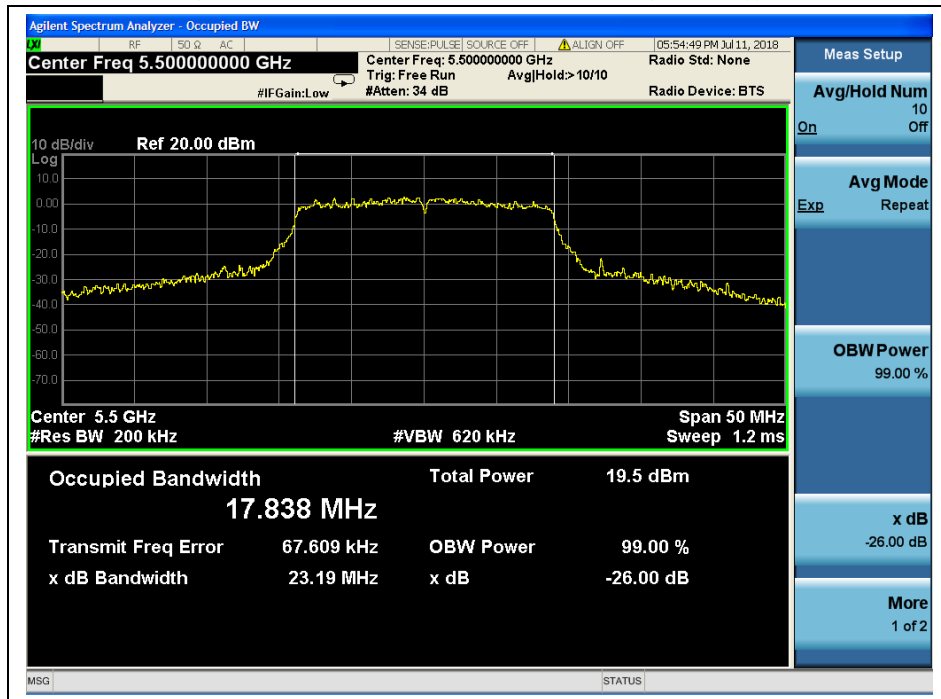
(Channel 52, 5260MHz, 802.11 ac (VHT20))



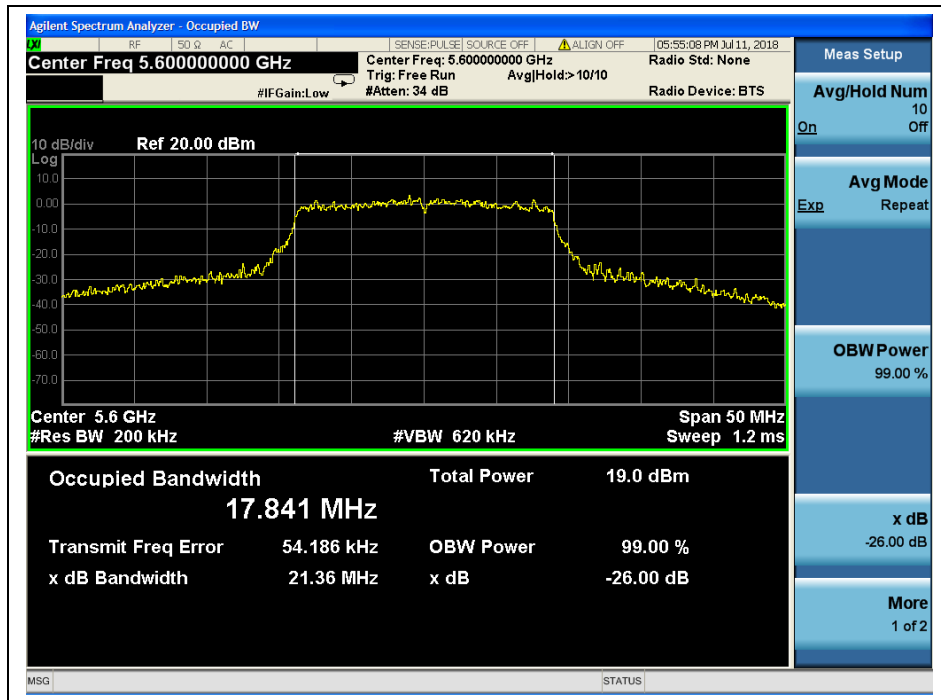
(Channel 60, 5300 MHz, 802.11 ac (VHT20))



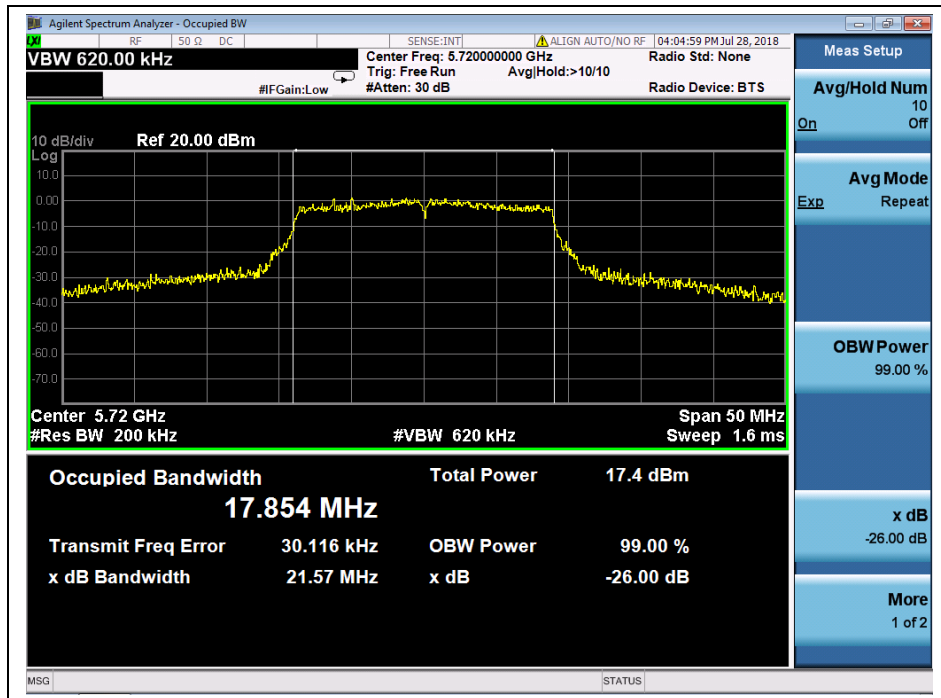
(Channel 64, 5320MHz, 802.11 ac (VHT20))



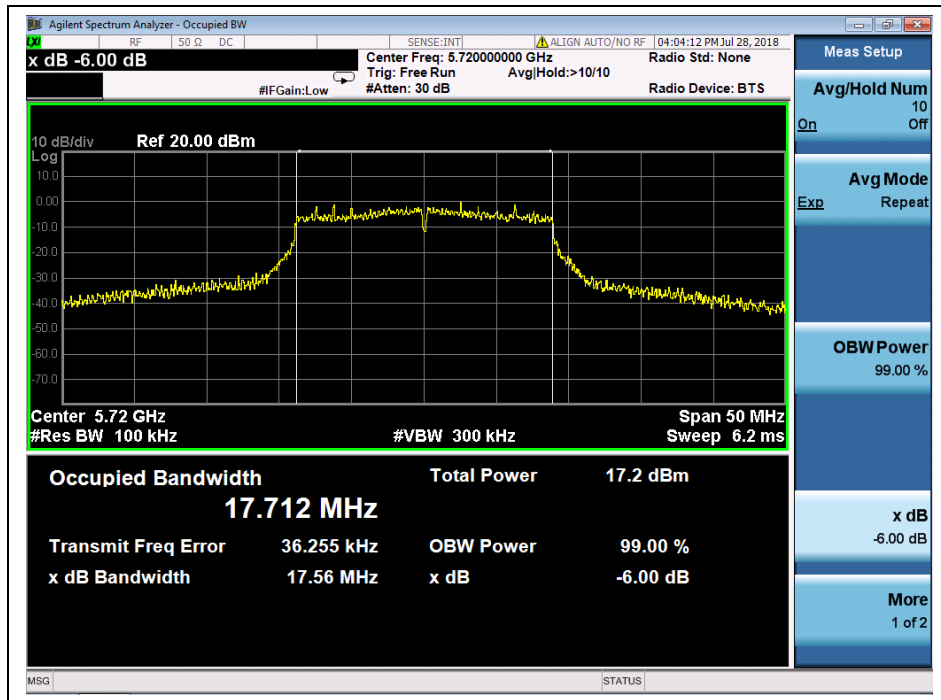
(Channel 100, 5500MHz, 802.11 ac (VHT20))



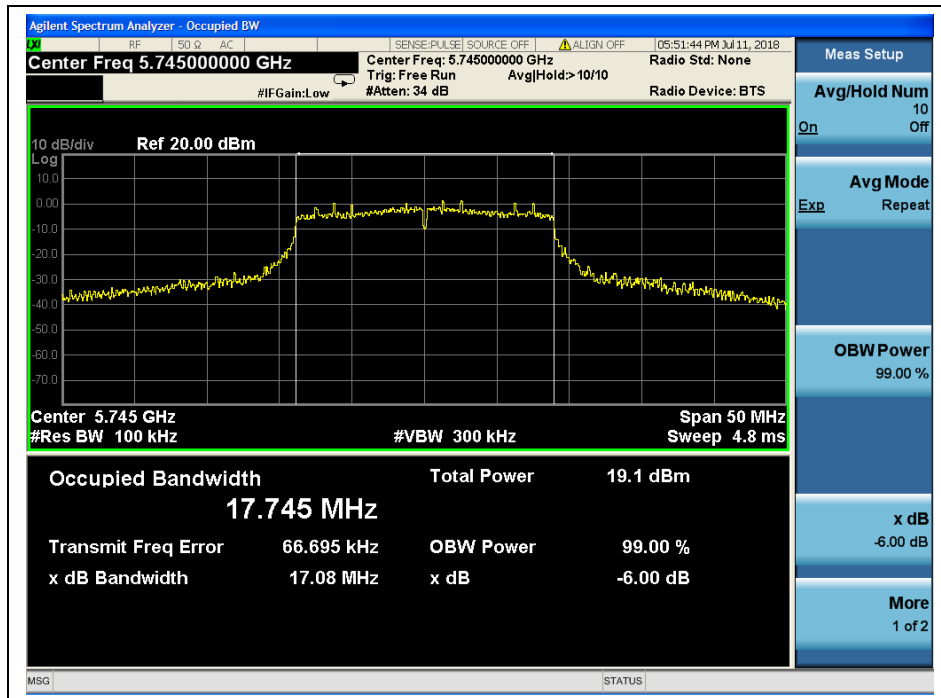
(Channel 120, 5600 MHz, 802.11 ac (VHT20))



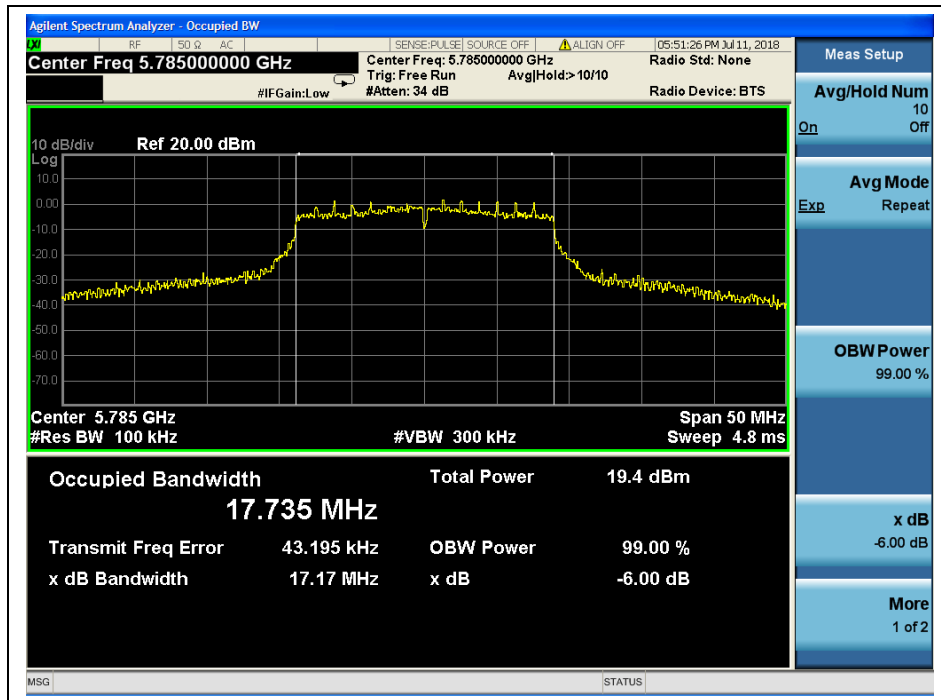
(Channel 144, 5720MHz, 802.11 ac (VHT20))



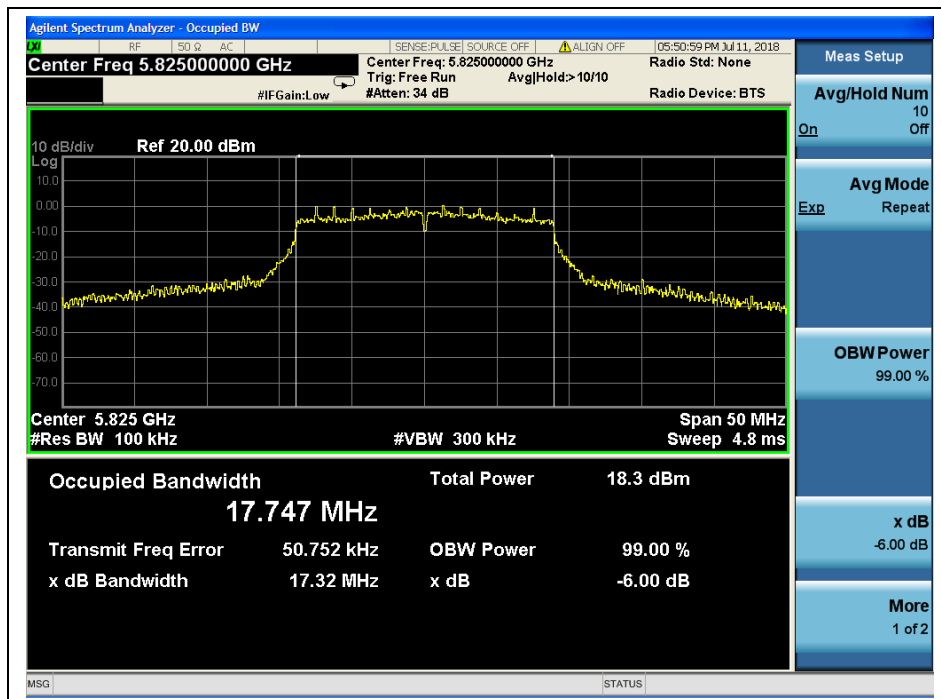
(Channel 144, 5720MHz, 802.11 ac (VHT20))



(Channel 149, 5745MHz, 802.11 ac (VHT20))



(Channel 157, 5785MHz, 802.11 ac (VHT20))



(Channel 165, 5825MHz, 802.11 ac (VHT20))



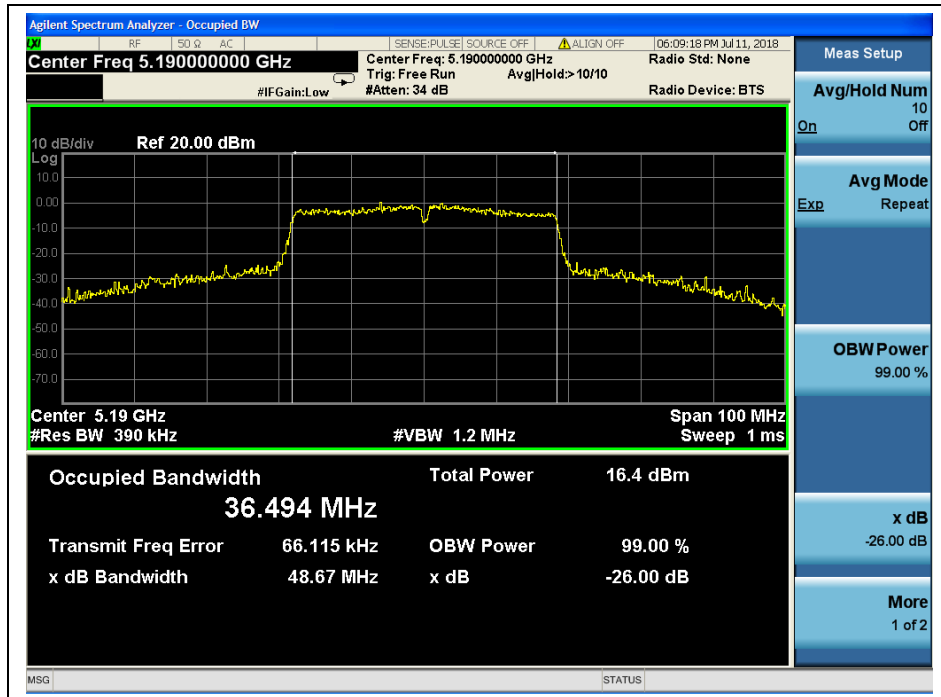
802.11ac (VHT40) Test mode

A. Test Verdict:

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
38	5190	48.67
46	5230	52.12 <small>Note</small>
54	5270	55.04
62	5310	52.70
102	5510	45.26
126	5630	43.16
142	5710	46.53
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
142	5710	35.20
151	5755	35.93
159	5795	35.79

**Note:**The high frequency of the -26dB is 5249.27MHz which is out of the DFS frequency range,so there is no DFS testing requirement.

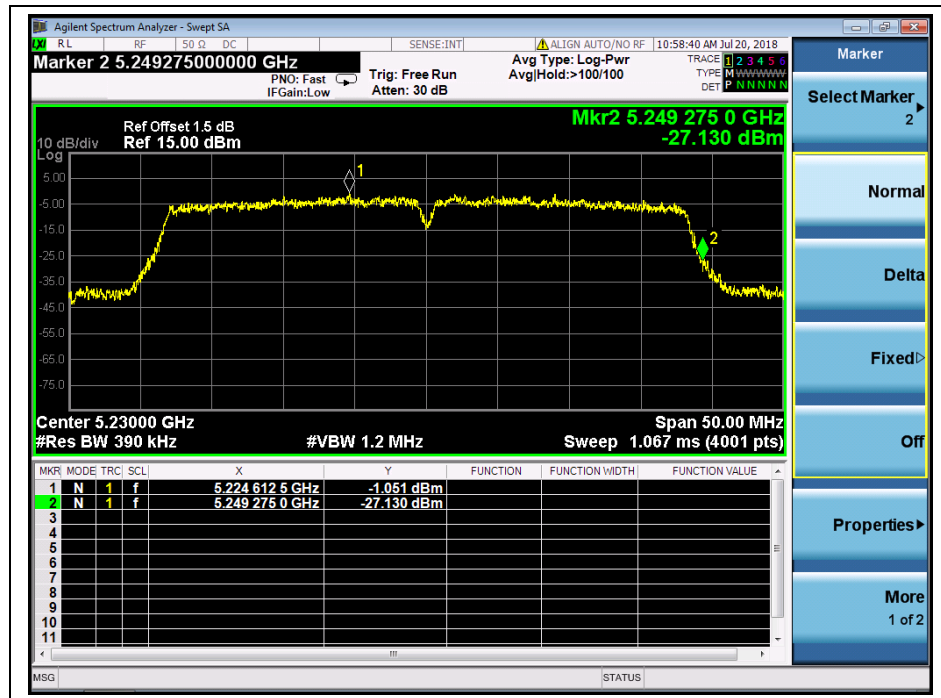
B. Test Plots



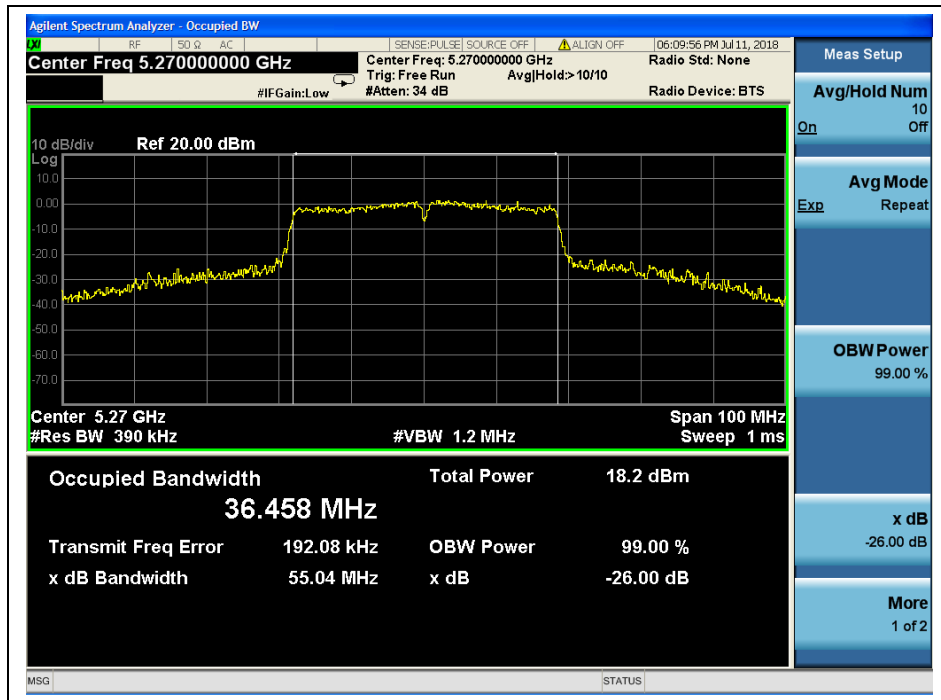
(Channel 38, 5190MHz, 802.11 ac (VHT40))



(Channel 46, 5230 MHz, 802.11 ac (VHT40))



(Channel 46, 5230 MHz, fh of -26dB, 802. ac (VHT40))

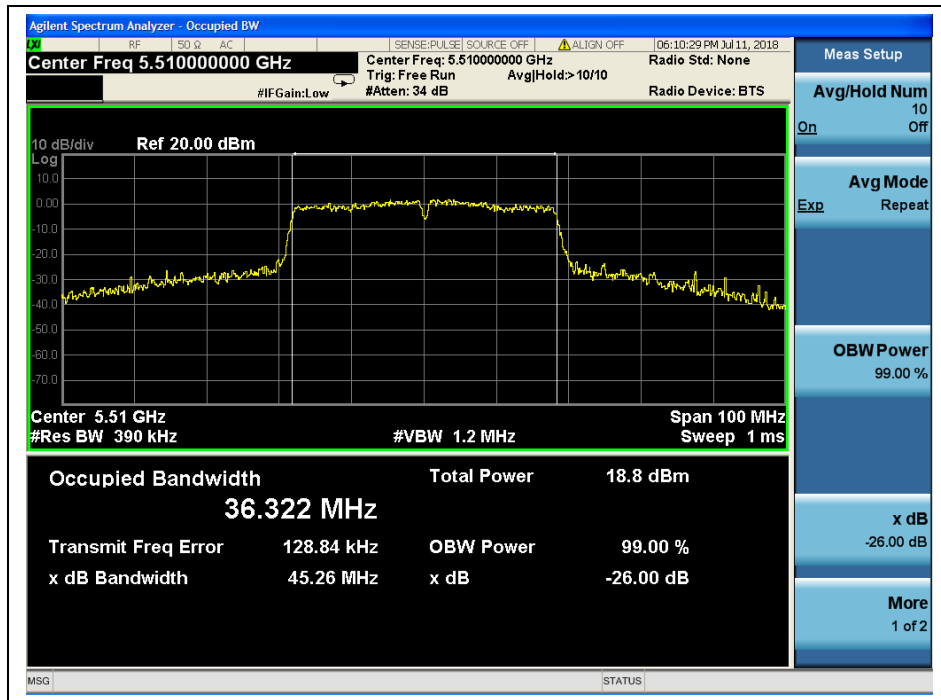


(Channel 54, 5270MHz, 802.11 ac (VHT40))

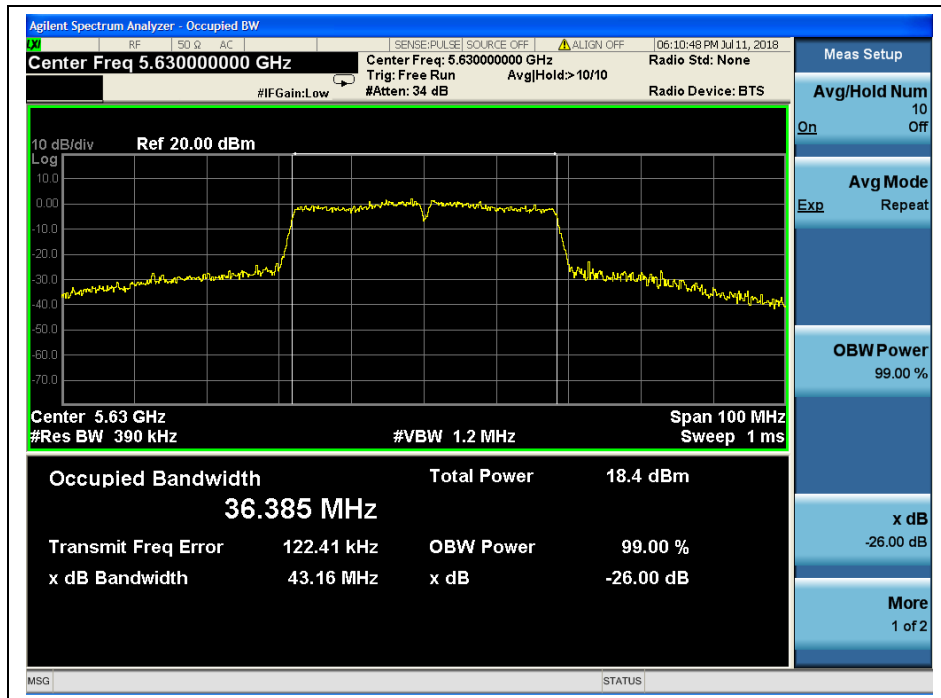


(Channel 62, 5310 MHz, 802.11 ac (VHT40))

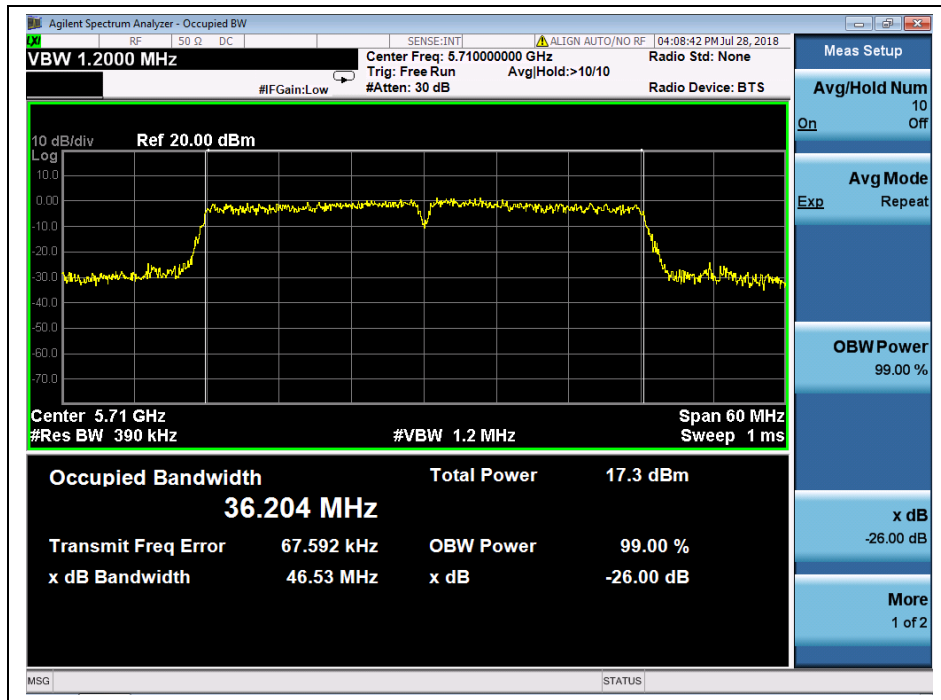




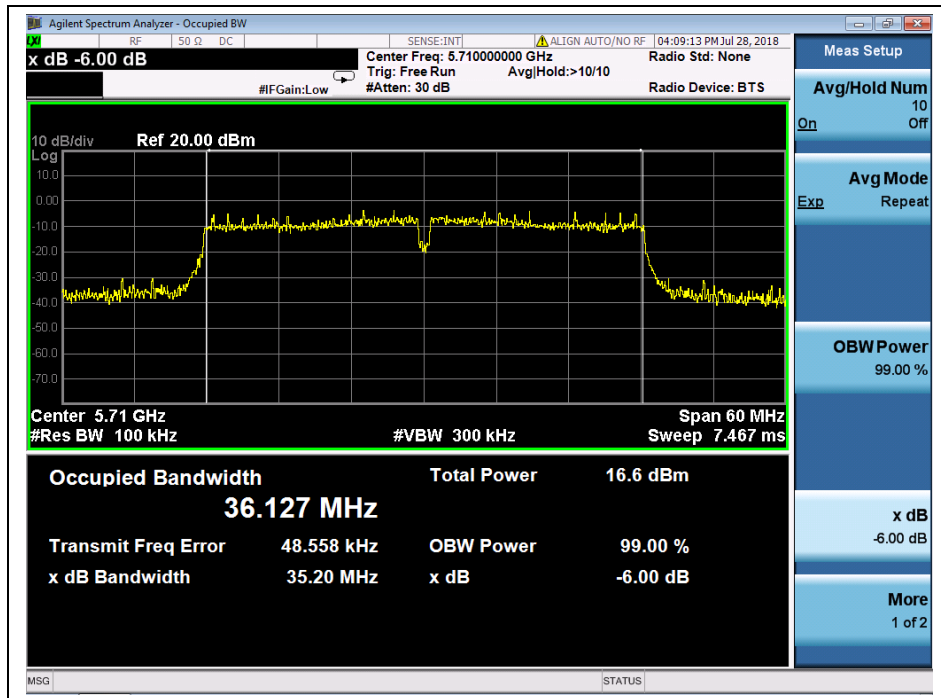
(Channel 102, 5510MHz, 802.11 ac (VHT40))



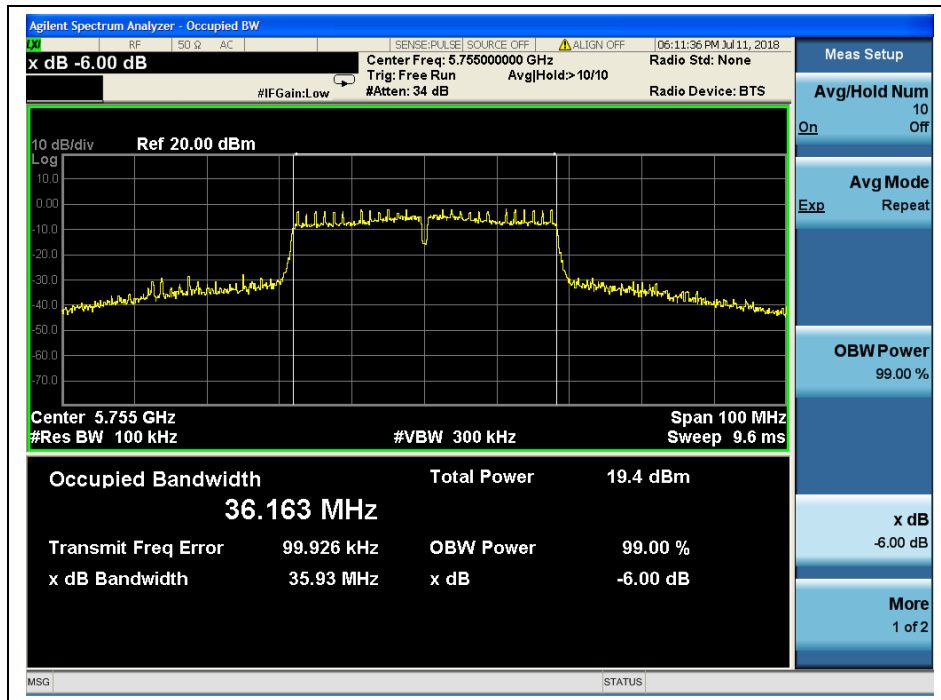
(Channel 126, 5630 MHz, 802.11 ac (VHT40))



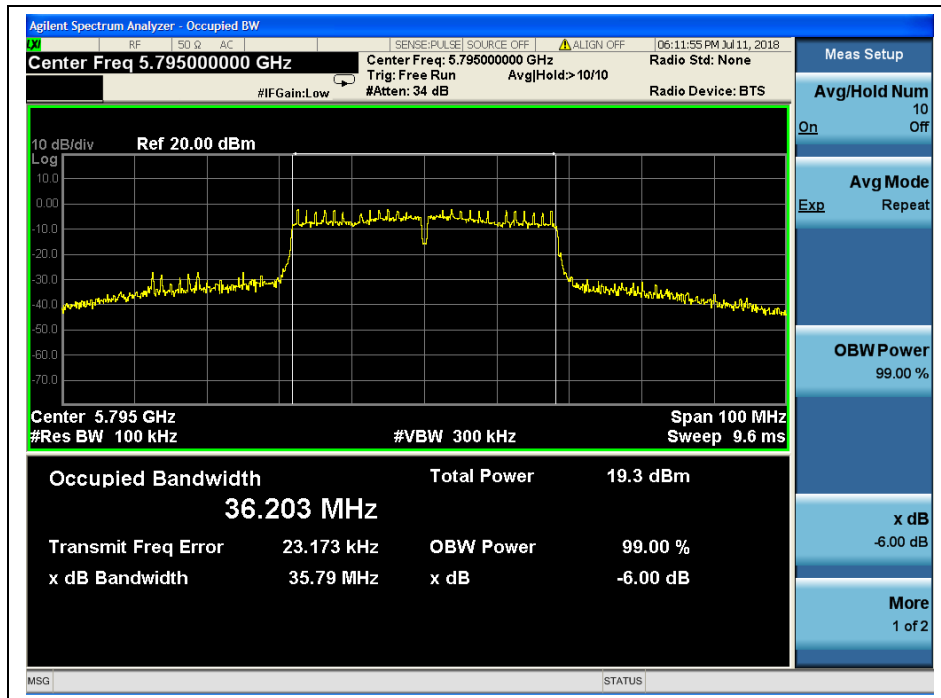
(Channel 142, 5710MHz, 802.11 ac (VHT40))



(Channel 142, 5710MHz, 802.11 ac (VHT40))



(Channel 151, 5755 MHz, 802.11 ac (VHT40))



(Channel 159, 5795MHz, 802.11 ac (VHT40))



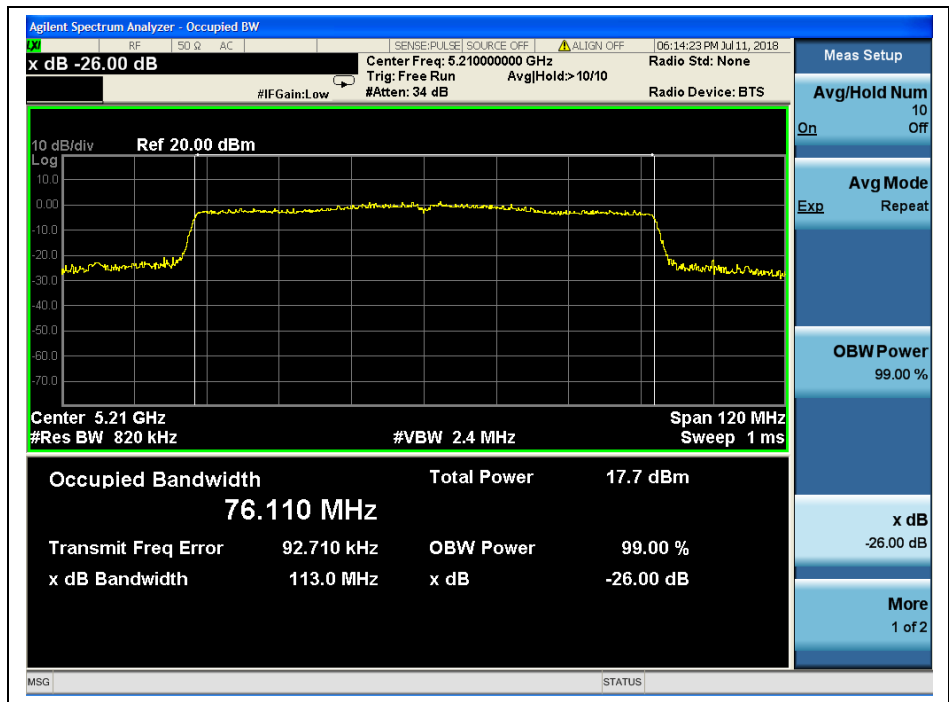
**802.11ac (VHT80) Test mode**

**A. Test Verdict:**

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
42	5210	113.0 <small>Note</small>
58	5290	99.30
106	5530	82.93
122	5610	82.91
138	5690	81.11
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
138	5690	75.18
155	5775	75.36

**Note:** The high frequency of the -26dB is 5249.72MHz which is out of the DFS frequency range,so there is no DFS testing requirement.

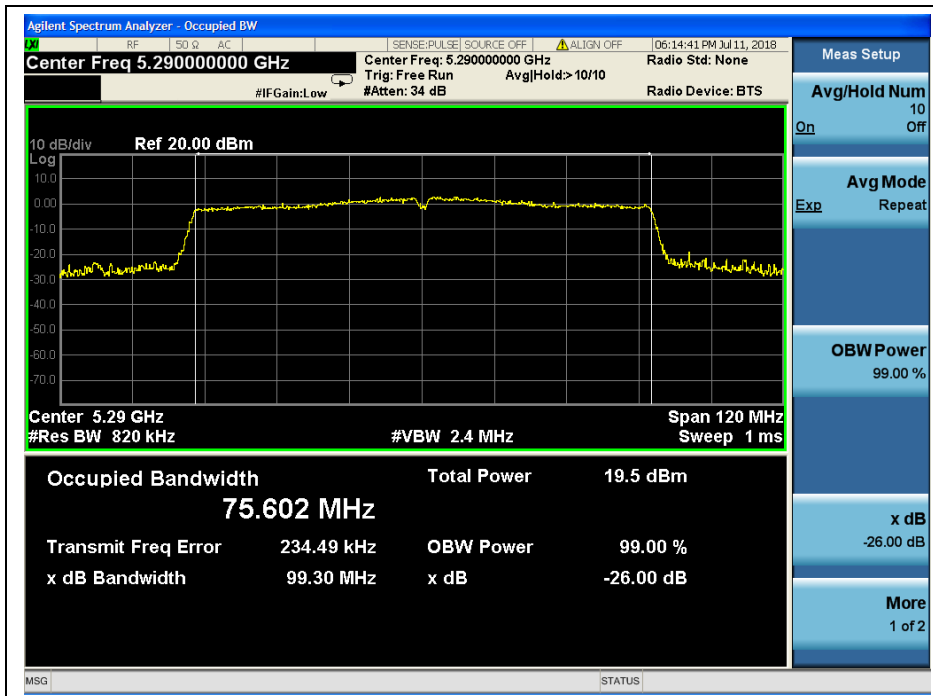
**B. Test Plots**



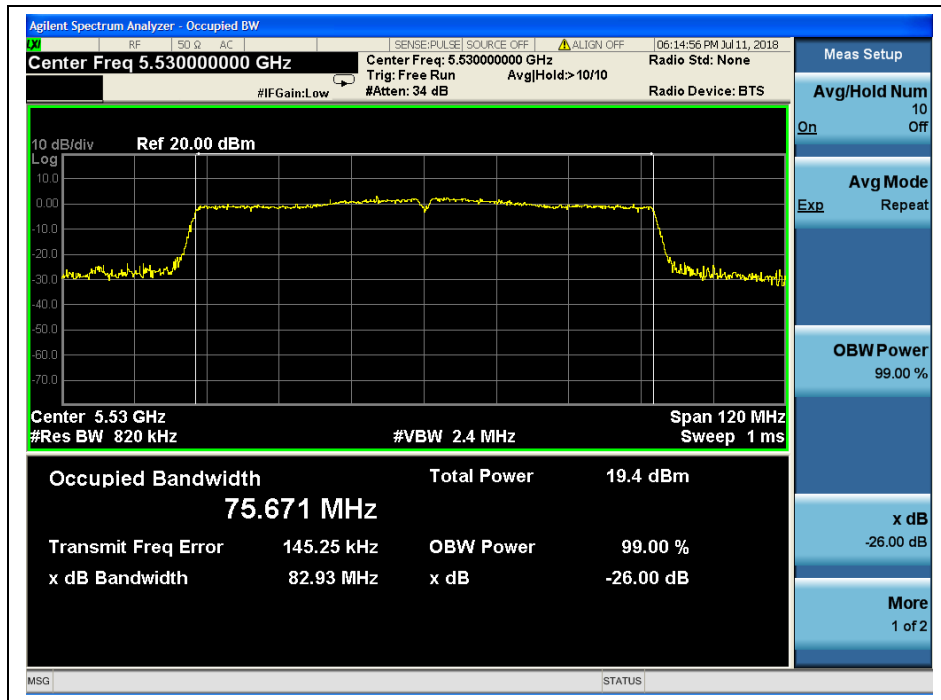
(Channel 42, 5210MHz, 802.11 ac (VHT80))



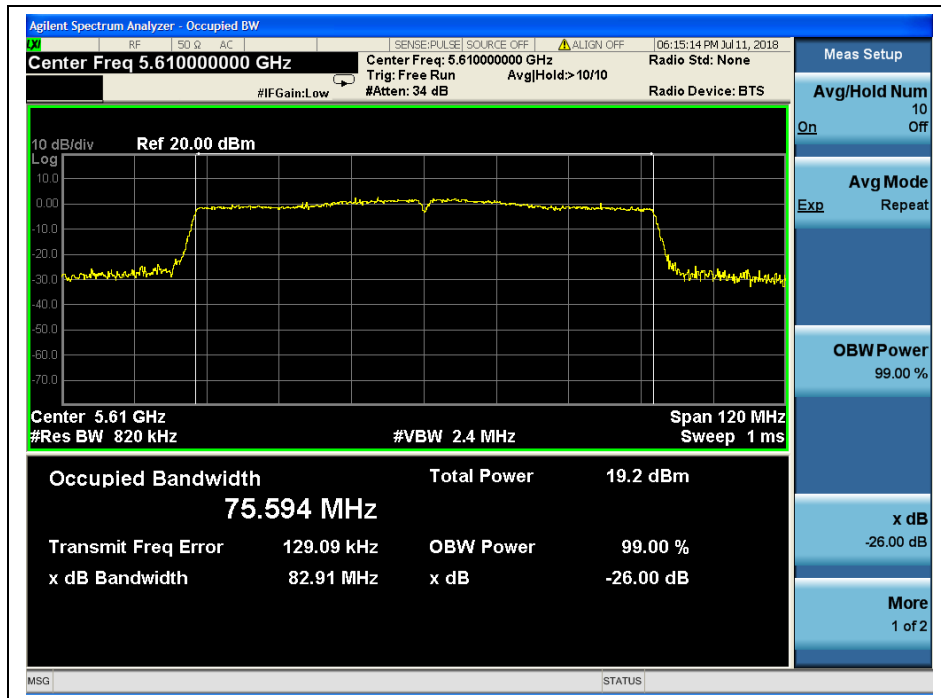
(Channel 42, 5210 MHz, fh of -26dB, 802. ac (VHT80))



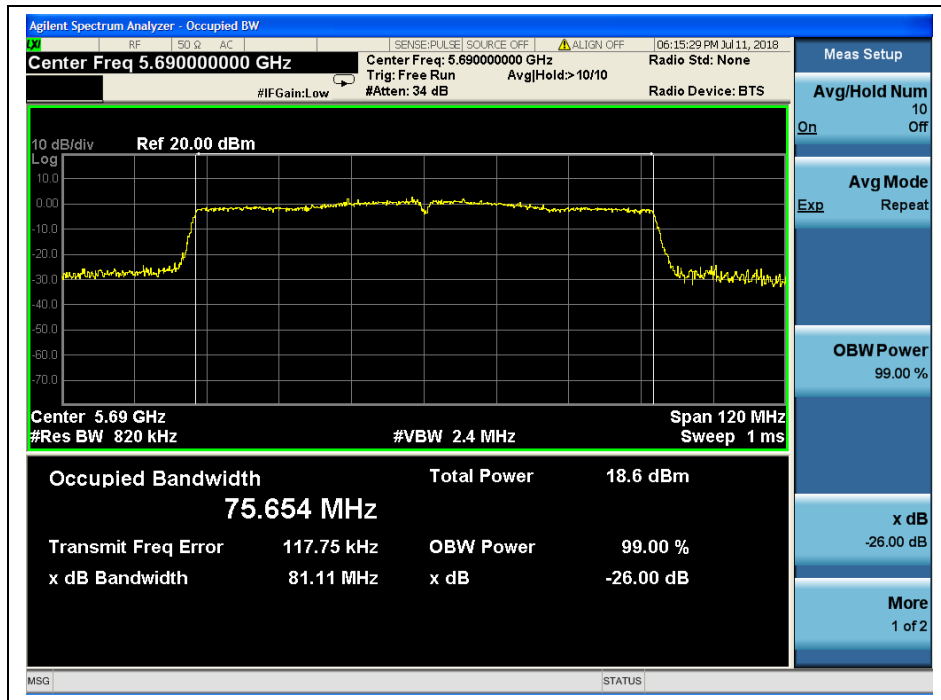
(Channel 58, 5290 MHz, 802.11 ac (VHT80))



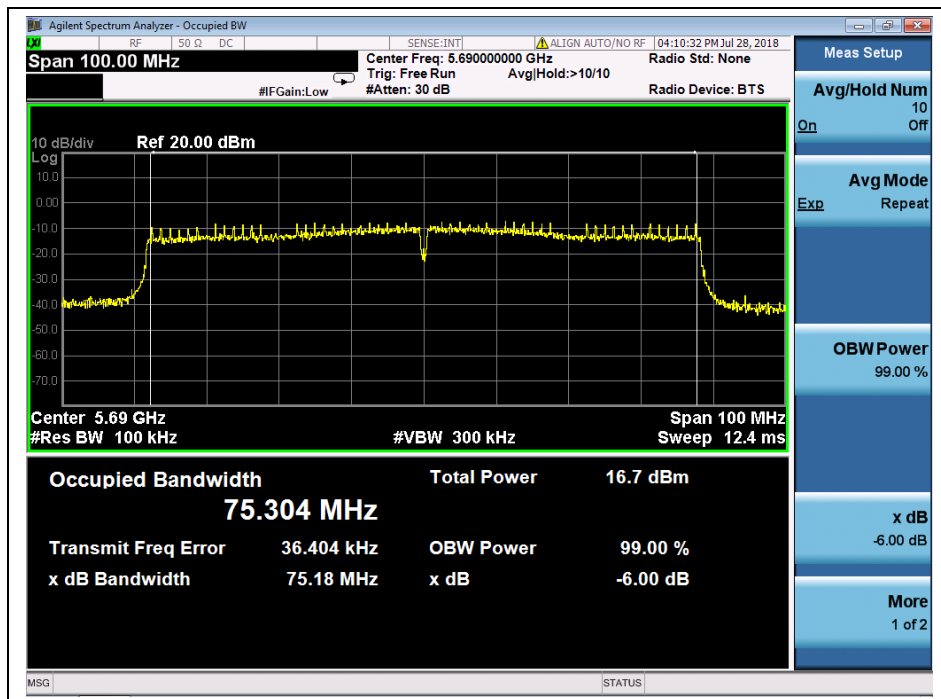
(Channel 106, 5530MHz, 802.11 ac (VHT80))



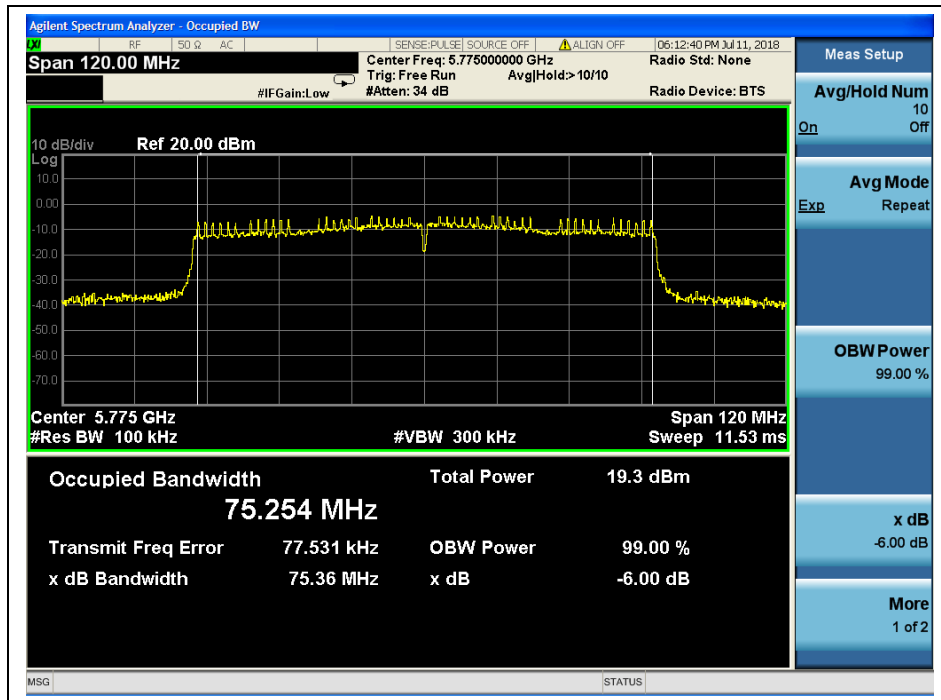
(Channel 122, 5610 MHz, 802.11 ac (VHT80))



(Channel 138, 5690MHz, 802.11 ac (VHT80))



(Channel 138, 5690MHz, 802.11 ac (VHT80))



(Channel 155, 5775 MHz, 802.11 ac (VHT80))



## 2.3. Maximum conducted output power

### 2.3.1. Requirement

(1) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

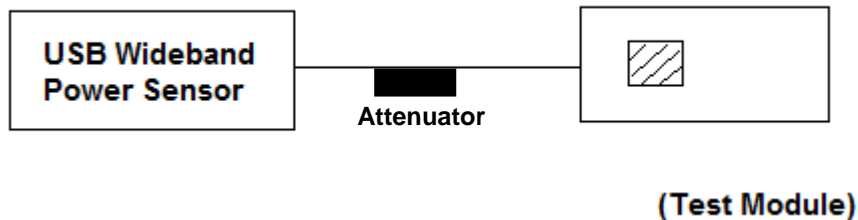
(4) According to KDB662911D01 Measure-and-sum technique, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in units that are directly proportional to power.

(5) According to KDB 662911 D01, the directional gain =  $G_{\text{ANT}} + 10 \log(N_{\text{ANT}})$  dBi, where  $G_{\text{ANT}}$  is the antenna gain in dBi,  $N_{\text{ANT}}$  is the number of outputs.

### 2.3.2. Test Description

Section E) 3) of KDB 789033 defines a methodology using a USB Wideband Power Sensor.

#### A. Test Setup:



The EUT (Equipment under the test) which is coupled to the USB Wideband Power Sensor; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading, all test result in USB Wideband Power Sensor.



2.3.3. Test Result

802.11a Test mode

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit (dBm)	Verdict
36	5180	17.18	24	PASS
44	5220	17.54		
48	5240	17.77		
52	5260	18.16		
60	5300	18.45		
64	5320	18.78		
100	5500	19.78		
120	5600	19.19		
144	5720	18.43		
149	5745	18.30		
157	5785	17.79		
165	5825	17.46		

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit 11 dBm + 10 log B (dBm)	Verdict
52	5260	18.16	24	PASS
60	5300	18.45	24	
64	5320	18.78	24	
100	5500	19.78	24	
120	5600	19.19	24	
144	5720	18.43	24	



Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit (dBm)	Verdict
36	5180	10.46	24	PASS
44	5220	10.94		
48	5240	11.15		
52	5260	12.07		
60	5300	12.31		
64	5320	12.54		
100	5500	12.56		
120	5600	12.18		
144	5720	11.39		
149	5745	11.63		
157	5785	10.87		
165	5825	10.40		

Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit 11 dBm + 10 log B (dBm)	Verdict
52	5260	12.07	24	PASS
60	5300	12.31	24	
64	5320	12.54	24	
100	5500	12.56	24	
120	5600	12.18	24	
144	5720	11.39	24	

**802.11n (HT20) Test mode**

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit (dBm)	Verdict
36	5180	16.50	24	PASS
44	5220	16.84		
48	5240	17.28		
52	5260	17.82		
60	5300	18.15		
64	5320	18.69		
100	5500	19.60		
120	5600	19.13		
144	5720	18.39		
149	5745	18.22		
157	5785	17.61		
165	5825	17.43		

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit 11 dBm + 10 log B (dBm)	Verdict
52	5260	17.82	24	PASS
60	5300	18.15	24	
64	5320	18.69	24	
100	5500	19.60	24	
120	5600	19.13	24	
144	5720	18.39	24	



Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit (dBm)	Verdict
36	5180	9.79	24	PASS
44	5220	10.24		
48	5240	10.58		
52	5260	11.41		
60	5300	11.82		
64	5320	12.27		
100	5500	12.30		
120	5600	11.90		
144	5720	11.21		
149	5745	11.13		
157	5785	10.56		
165	5825	10.16		

Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit 11 dBm + 10 log B (dBm)	Verdict
52	5260	11.41	24	PASS
60	5300	11.82	24	
64	5320	12.27	24	
100	5500	12.30	24	
120	5600	11.90	24	
144	5720	11.21	24	



**802.11n (HT40) Test mode**

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit (dBm)	Verdict
38	5190	16.53	24	PASS
46	5230	17.06		
54	5270	17.79		
62	5310	18.35		
102	5510	19.47		
126	5630	18.81		
142	5710	18.23		
151	5755	18.10	30	
159	5795	17.62		

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit 11 dBm + 10 log B (dBm)	Verdict
54	5270	17.79	24	PASS
62	5310	18.35	24	
102	5510	19.47	24	
126	5630	18.81	24	
142	5710	18.23	24	



Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit (dBm)	Verdict
38	5190	9.23	24	PASS
46	5230	9.69		
54	5270	10.92		
62	5310	11.38		
102	5510	11.70		
126	5630	11.08		
142	5710	10.25		
151	5755	10.43	30	
159	5795	9.85		

Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit 11 dBm + 10 log B (dBm)	Verdict
54	5270	10.92	24	PASS
62	5310	11.38	24	
102	5510	11.70	24	
126	5630	11.08	24	
142	5710	10.25	24	