



TEST REPORT

APPLICANT : Shenzhen Chuangwei Electronic
Appliance Tech Co., Ltd.

PRODUCT NAME : 10.1 inch WIFI Digital Photo Frame

MODEL NAME : Skylight,D104

BRAND NAME : N/A

FCC ID : 2AABK-SKYLIGHT

STANDARD(S) : 47 CFR Part 15 Subpart E

TEST DATE : 2018-03-06 to 2018-04-09

ISSUE DATE : 2018-03-22

Tested by: Li Jingzong
Li Jingzong (Test Engineer)

Approved by: Andy Yeh
Andy Yeh (Technical Director)

NOTE: This document is issued by MORLAB, the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.





DIRECTORY

- 1. Technical Information 4
 - 1.1. Applicant and Manufacturer Information 4
 - 1.2. Equipment Under Test (EUT) Description 4
 - 1.3. The channel number and frequency of EUT 5
 - 1.4. Test Standards and Results 6
 - 1.5. Environmental Conditions 6
- 2. 47 CFR Part 15C Requirements 7
 - 2.1. Antenna requirement 7
 - 2.2. Emission Bandwidth 8
 - 2.3. Maximum conducted output power 40
 - 2.4. Peak Power spectral density 49
 - 2.5. Restricted Frequency Bands 81
 - 2.6. Frequency Stability 117
 - 2.7. Conducted Emission 120
 - 2.8. Radiated Emission 123
 - 2.9. Automatically discontinue transmission requirement 182
- Annex A Test Uncertainty 183
- Annex B Testing Laboratory Information 184



Change History		
Issue	Date	Reason for change
1.0	2018-03-22	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Shenzhen Chuangwei Electronic Appliance Tech Co., Ltd.
Applicant Address:	4F & 6F, Overseas plant south, Skyworth Industrial Park, Shiyan Street, Bao'an District, Shenzhen, P.R. China
Manufacturer:	Shenzhen Chuangwei Electronic Appliance Tech Co., Ltd.
Manufacturer Address:	4F & 6F, Overseas plant south, Skyworth Industrial Park, Shiyan Street, Bao'an District, Shenzhen, P.R. China

1.2. Equipment Under Test (EUT) Description

Product Name:	10.1 inch WIFI Digital Photo Frame	
Serial No:	(N/A, marked #1 by test site)	
Hardware Version:	D104-MB-D4-V01	
Software Version:	D104.V0.10	
Modulation Type:	OFDM	
Modulation Mode:	802.11a, 802.11n(HT20), 802.11n(HT40), 802.11ac(VHT20), 802.11ac(VHT40)	
Operating Frequency Range:	5.150 GHz- 5.250 GHz; 5.250 GHz -5.350 GHz ; 5.470 GHz -5.725 GHz ; 5.725GHz- 5.850GHz	
Channel Number:	Refer to 1.3	
Antenna Type:	Dipole Antenna	
Antenna Gain:	1.84 dBi	
Operating Temperature:	Normal(NT):	25°C
	Lowest(LT):	0°C
	Highest(HT):	50°C

Note 1: The U-NII band is applicable to this report, another bands of operation (2.4GHz) is documented in a separate report.

Note 2: According to the designer, they declared that the model Skylight and D104 are accordant in both hardware and software, these two models only differ in model number, gift box design and package. The application information of two models is identical only except above mentioned point.

Note 3: WIFI hotspot does not support U-NII band.

Note 4: During test, the duty cycle of the EUT was setting to 100%.



Note 5: 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: 5150-5250MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	36	5180	40	5200
	44	5220	48	5240
40MHz	38	5190	46	5230
Frequency Range: 5250-5350MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	52	5260	56	5280
	60	5300	64	5320
40MHz	54	5270	62	5310
Frequency Range: 5470-5725MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	100	5500	105	5520
	108	5540	112	5560
	116	5580	120	5600
	124	5620	128	5640
	132	5660	136	5680
	140	5700	144	5720
40MHz	102	5510	110	5550
	118	5590	126	5630
	134	5670	142	5710
Frequency Range: 5725-5850MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	149	5745	153	5765
	157	5785	161	5805
	165	5825		
40MHz	151	5775	159	5795

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	Mar 10, 2018 Apr 08, 2018	Li Jingzong	PASS
3	15.407(a)	Maximum conducted output Power	Mar 10, 2018 Apr 08, 2018	Li Jingzong	PASS
4	15.407(a)	Peak Power spectral density	Mar 10, 2018	Li Jingzong	PASS
5	15.407(b)	Restricted Frequency Bands	Mar 08&09, 2018	Wu Junke	PASS
6	15.407(g)	Frequency Stability	Mar 10, 2018	Li Jingzong	PASS
7	15.207	Conducted Emission	Mar 06, 2018	Wu Junke	PASS
8	15.407(b)	Radiated Emission	Mar 08&09, 2018	Wu Junke	PASS
9	15.407(c)	Automatically discontinue transmission requirement	N/A	N/A	PASS

Note1: The DFS test report was documented in a separate report (Report No.: SZ18020117W03).

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.

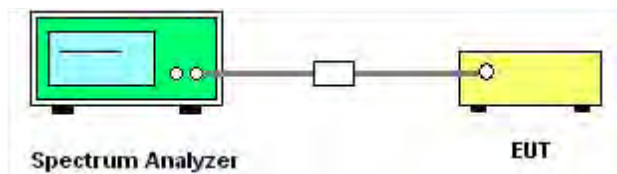
2.2. Emission Bandwidth

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	24.78
44	5220	25.15
48	5240	23.03
52	5260	21.50
60	5300	23.16
64	5320	21.96
100	5500	21.08
120	5600	21.00
144	5720	21.82
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
149	5745	16.36
157	5785	16.38
165	5825	16.34



B. Test Plots



(Channel 36, 5180MHz, 802.11a,)



(Channel 44, 5220 MHz, 802.11a,)



(Channel 48, 5240MHz, 802.11a,)



(Channel 52, 5260MHz, 802.11a,)



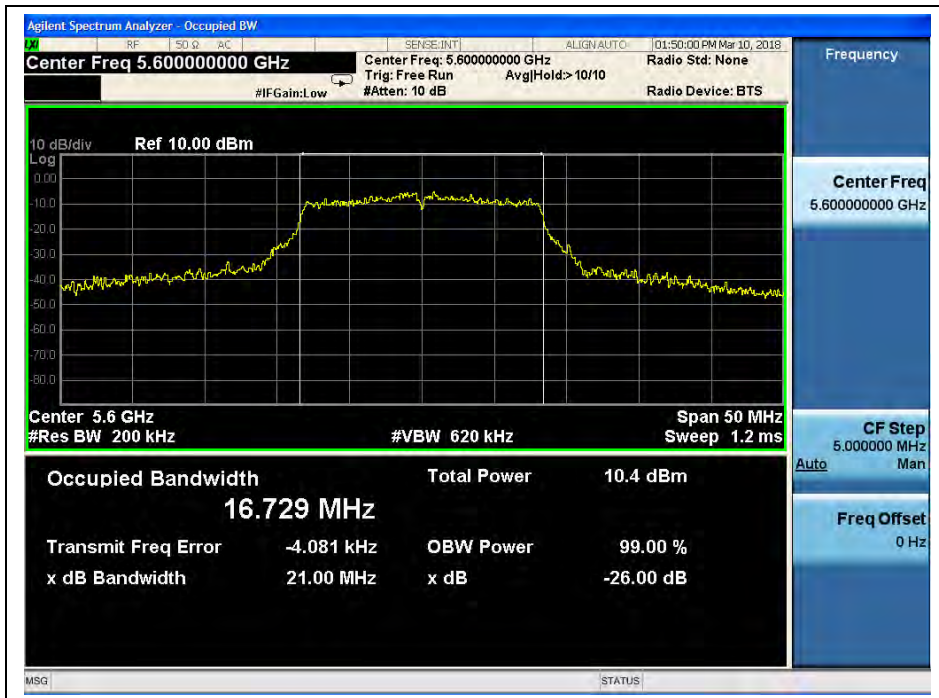
(Channel 60, 5300 MHz, 802.11a,)



(Channel 64, 5320MHz, 802.11a,)



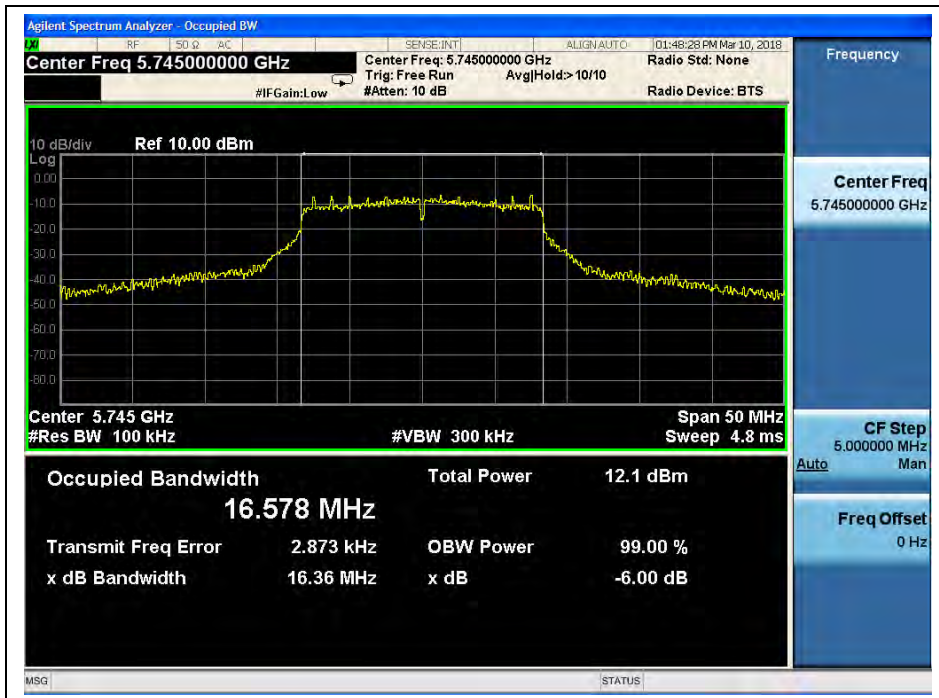
(Channel 100, 5500MHz, 802.11a,)



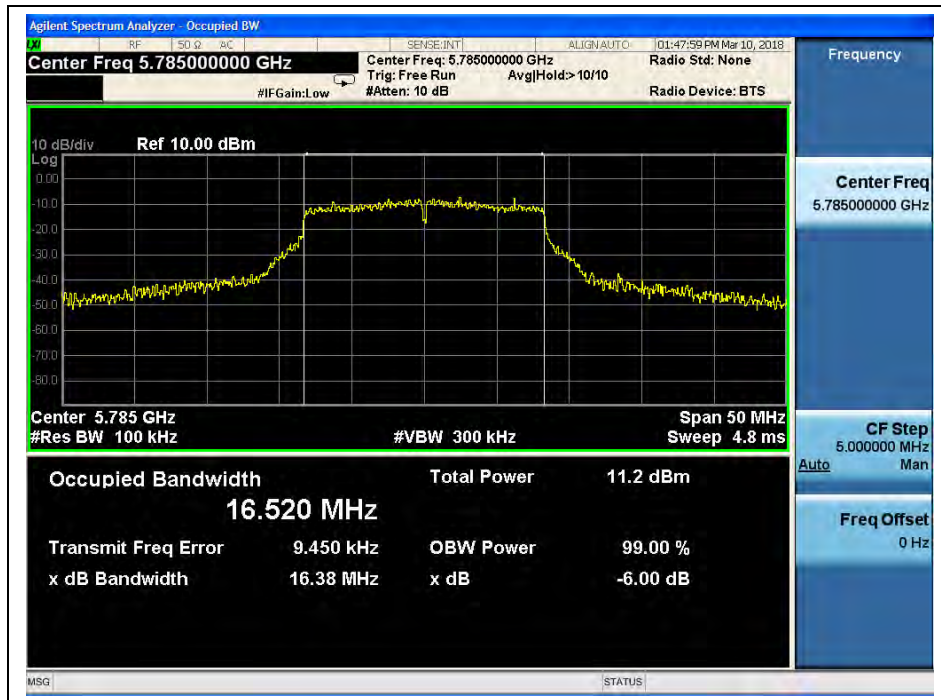
(Channel 120, 5600 MHz, 802.11a,)



(Channel 144, 5720MHz, 802.11a,)



(Channel 149, 5745MHz, 802.11a)



(Channel 157, 5785MHz, 802.11a)



(Channel 165, 5825MHz, 802.11a)



802.11n (HT20) Test mode

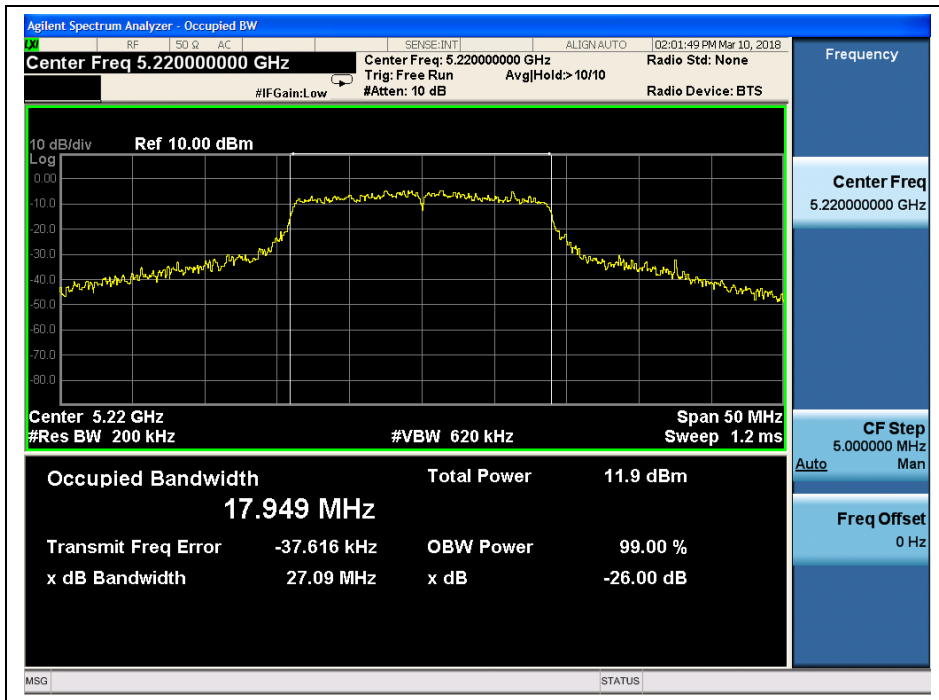
A. Test Verdict:

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
36	5180	26.62
44	5220	27.09
48	5240	24.29
52	5260	24.51
60	5300	23.50
64	5320	21.22
100	5500	21.34
120	5600	21.75
144	5720	21.98
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
149	5745	17.58
157	5785	17.57
165	5825	17.39

B. Test Plots



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



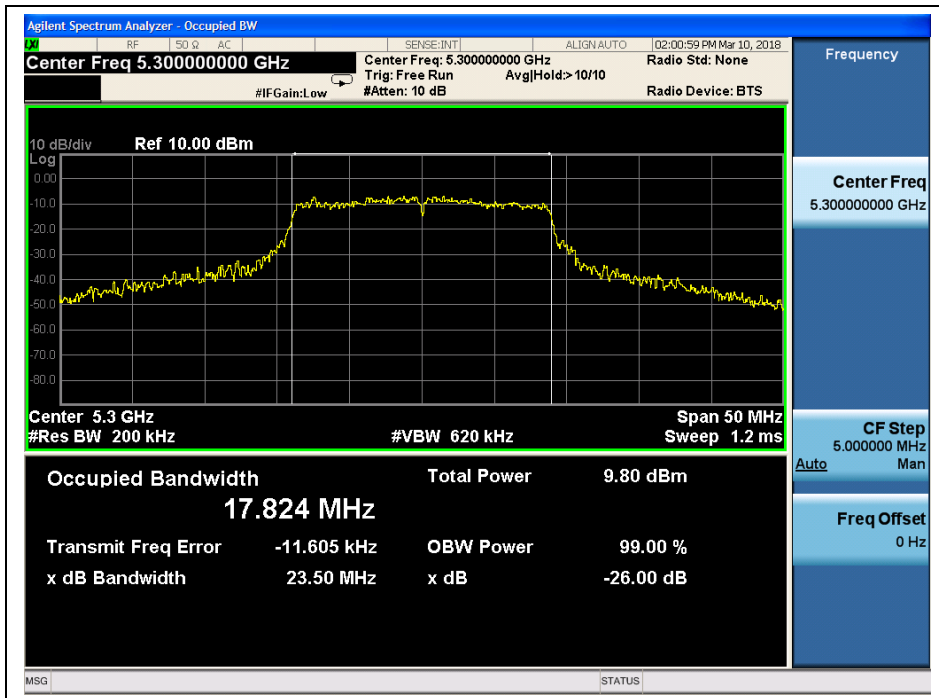
(Channel 44, 5220 MHz, 802.11 n (HT20))



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



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



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



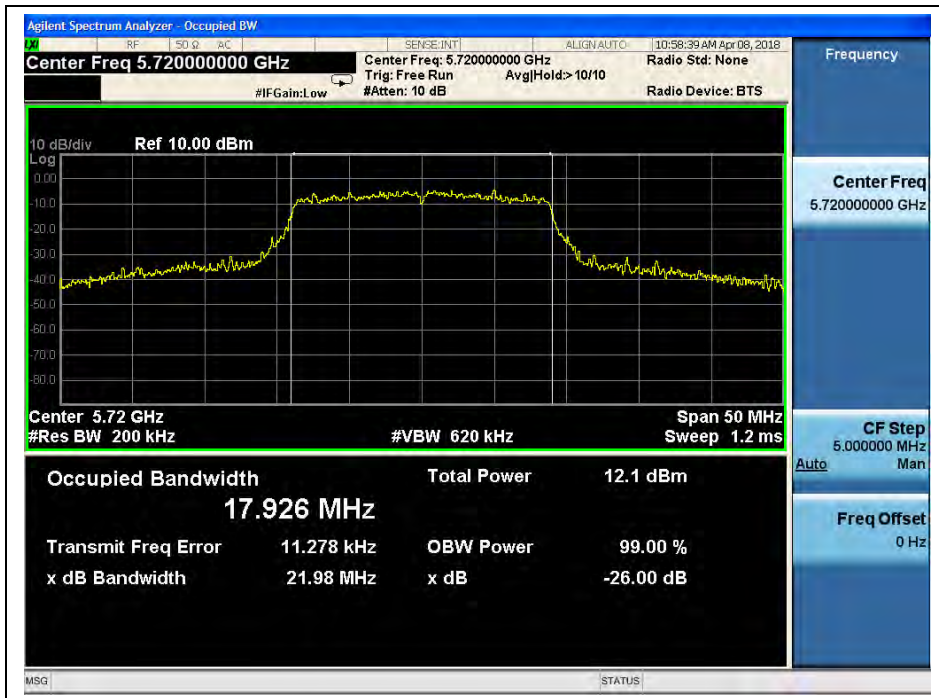
(Channel 64, 5320MHz, 802.11 n (HT20))



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



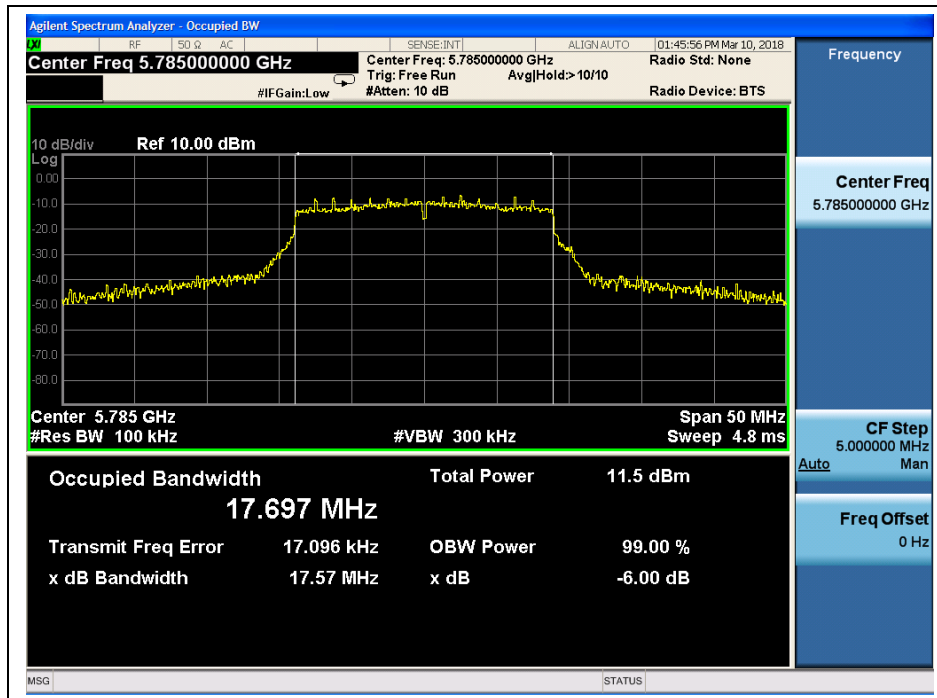
(Channel 120, 5600 MHz, 802.11 n (HT20))



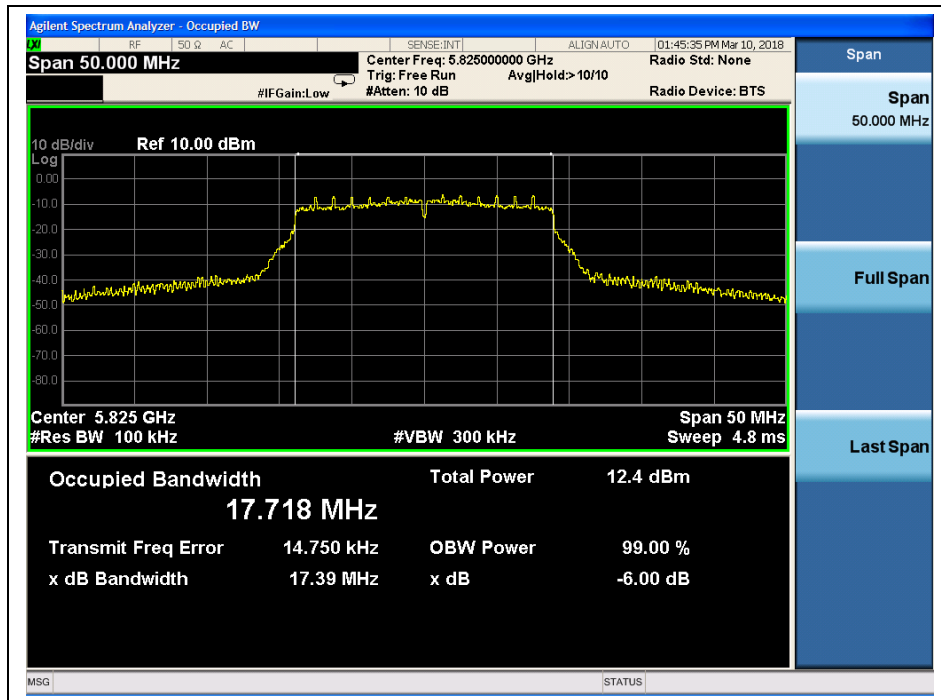
(Channel 144, 5720MHz, 802.11 n (HT20))



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



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



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



802.11 ac (VHT20) Test mode

A. Test Verdict:

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
36	5180	24.00
44	5220	25.42
48	5240	24.70
52	5260	23.07
60	5300	21.59
64	5320	21.73
100	5500	21.38
120	5600	21.46
144	5720	22.00
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
149	5745	17.22
157	5785	17.32
165	5825	17.56

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 52, 5260MHz, 802.11 ac (VHT20))



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



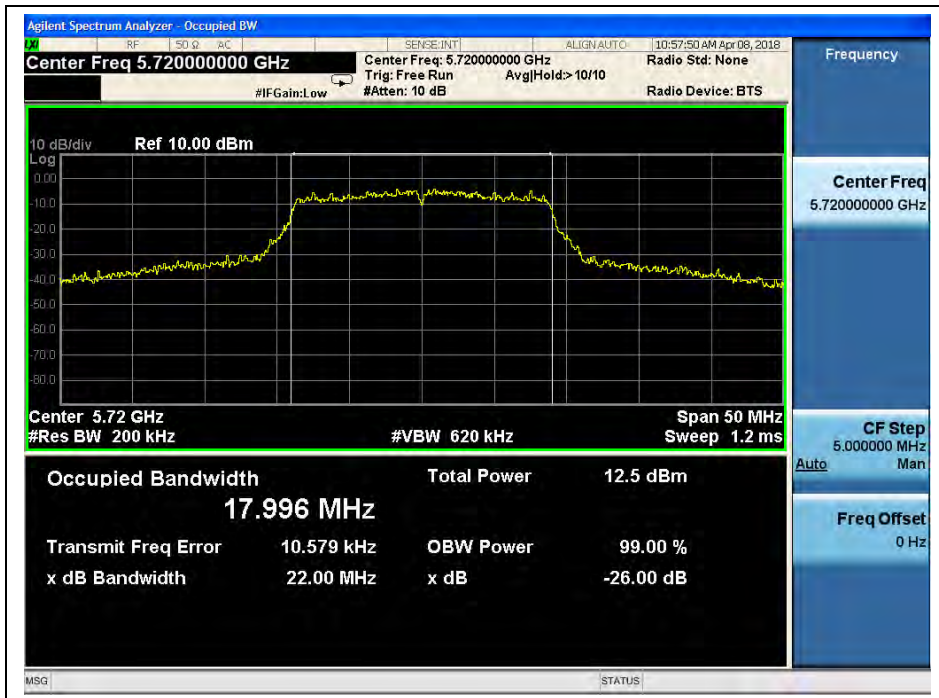
(Channel 64, 5320MHz, 802.11 ac (VHT20))



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



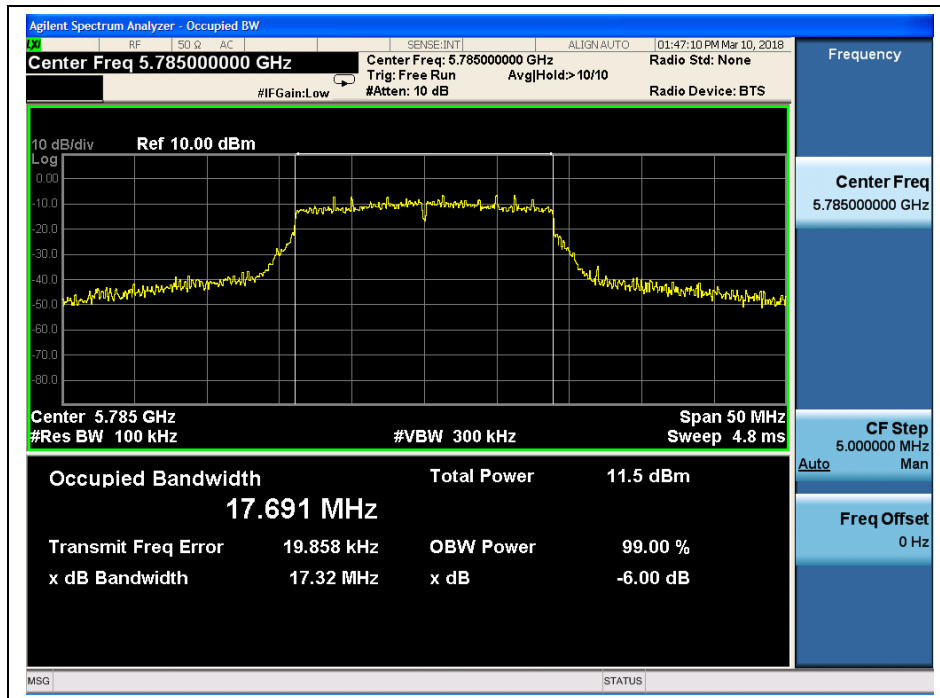
(Channel 120, 5600 MHz, 802.11 ac (VHT20))



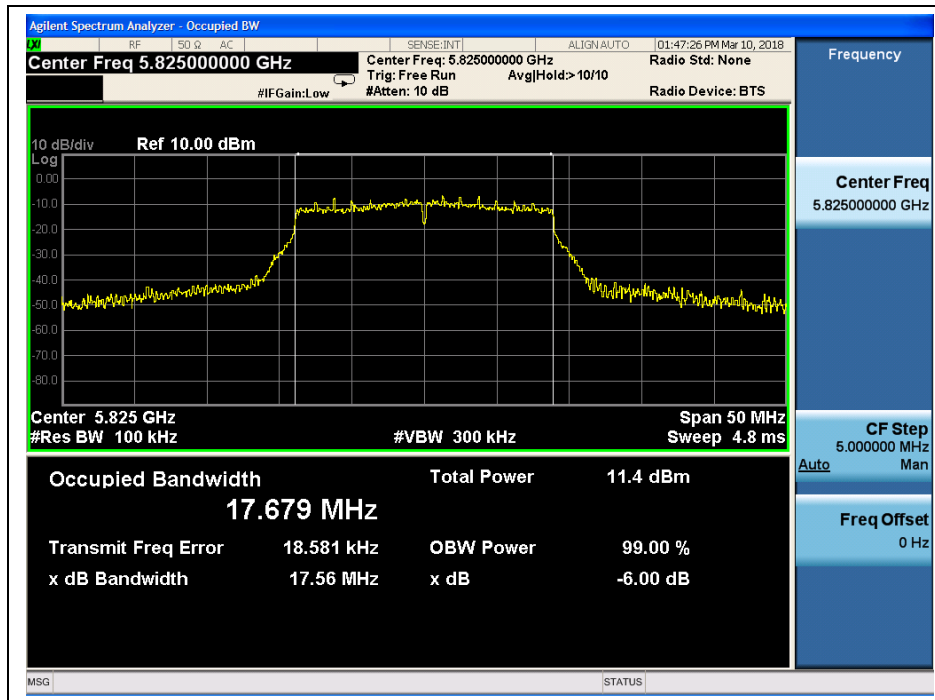
(Channel 144, 5720MHz, 802.11 ac (VHT20))



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



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



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

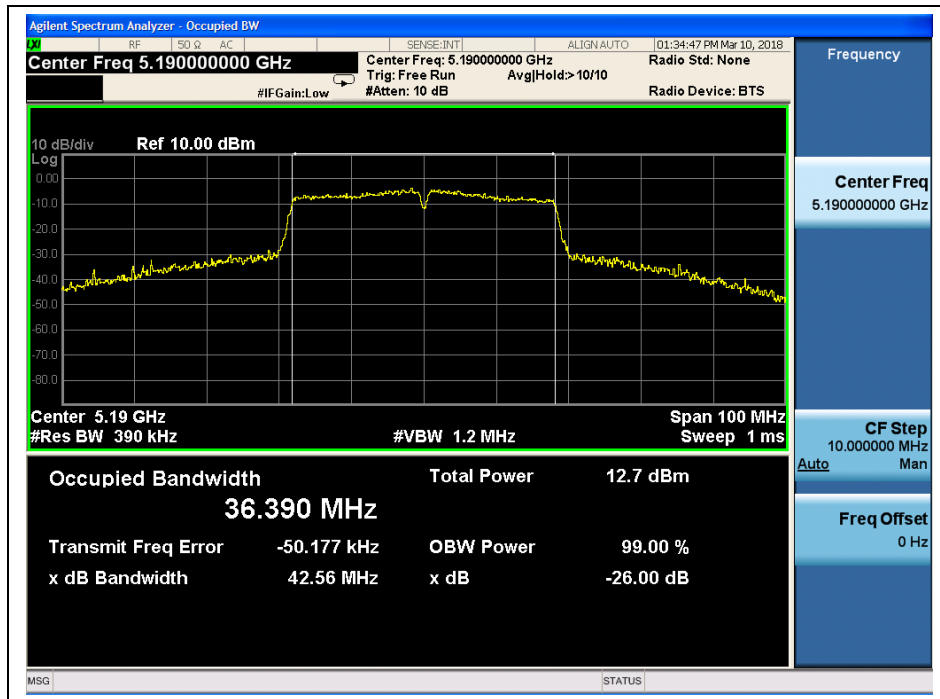


802.11n (HT40) Test mode

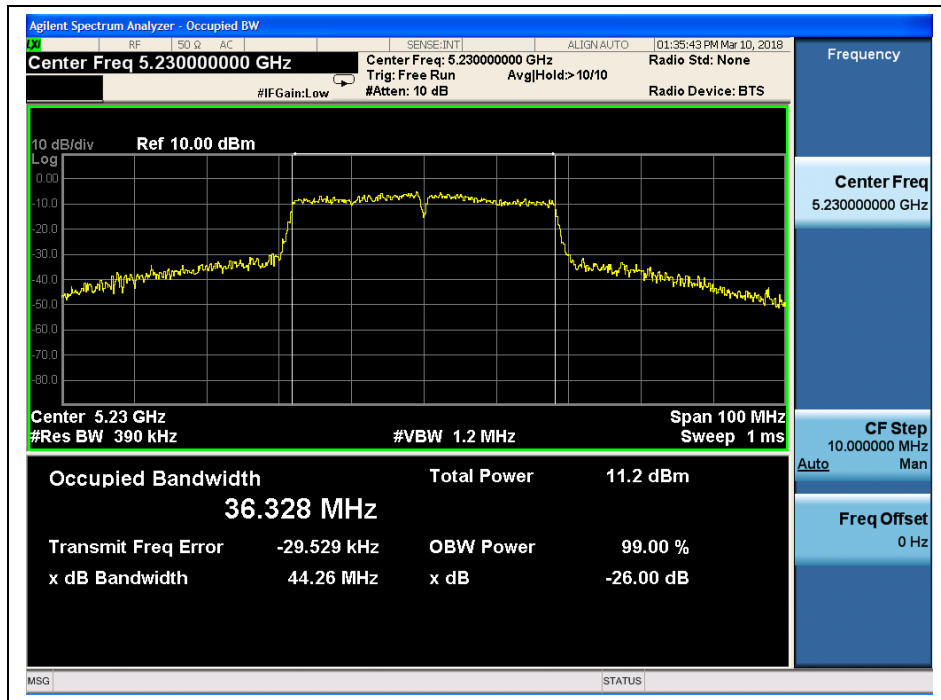
A. Test Verdict:

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
38	5190	42.56
46	5230	44.26
54	5270	47.22
62	5310	41.19
102	5510	39.56
126	5630	40.49
142	5710	39.74
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
151	5755	35.80
159	5795	35.89

B. Test Plots



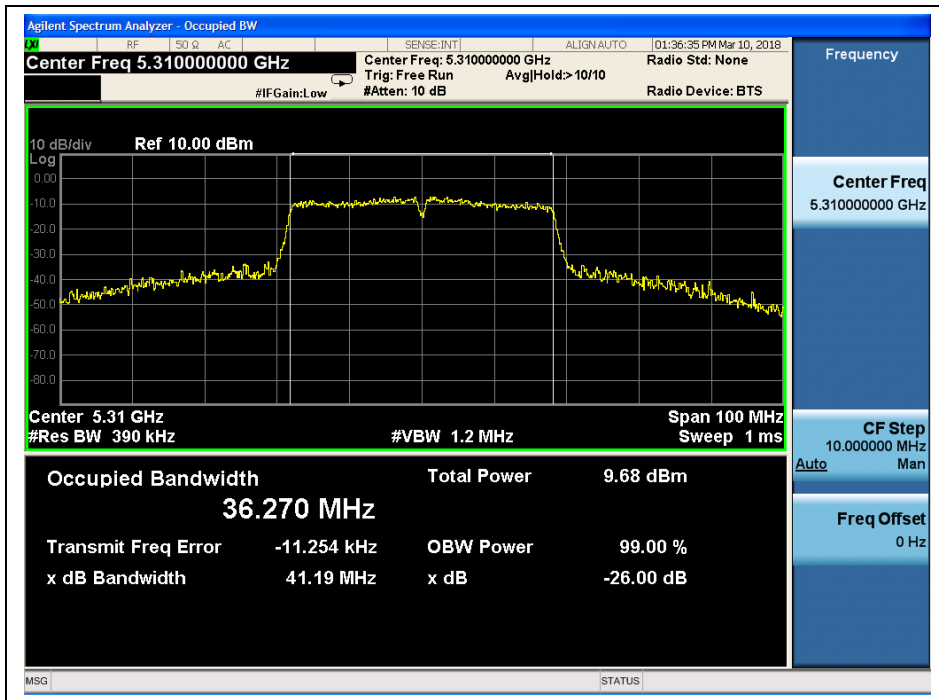
(Channel 38, 5190MHz, 802.11n (HT40))



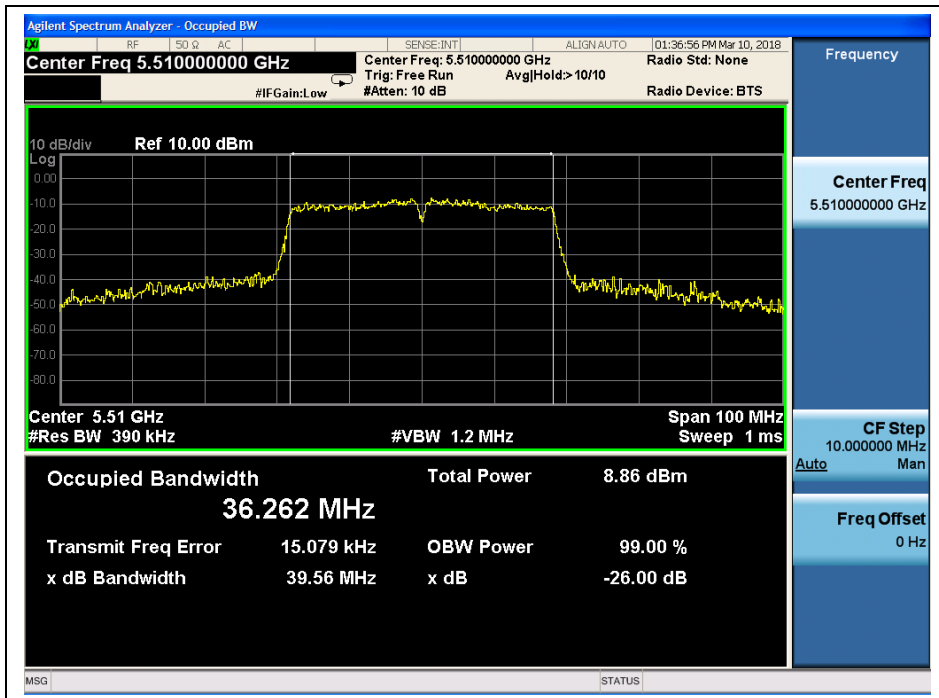
(Channel 46, 5230 MHz, 802.11n (HT40))



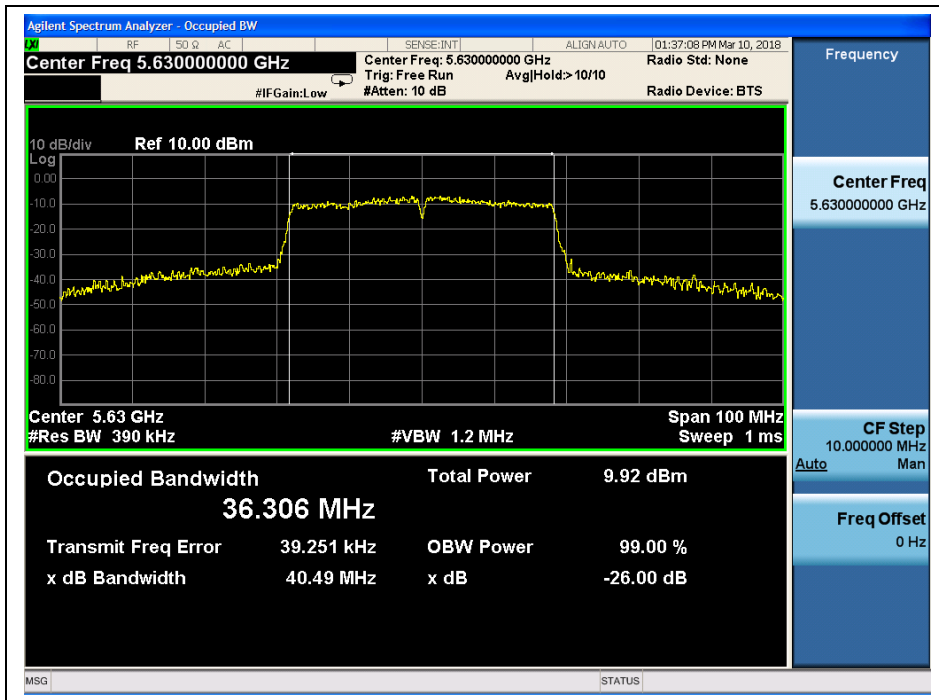
(Channel 54, 5270MHz, 802.11n (HT40))



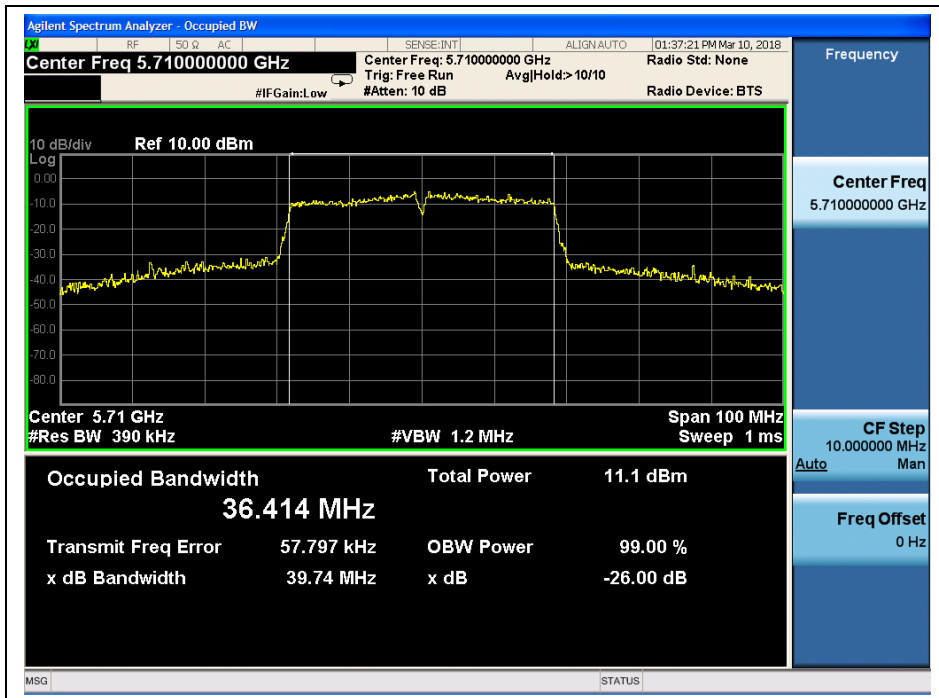
(Channel 62, 5310 MHz, 802.11n (HT40))



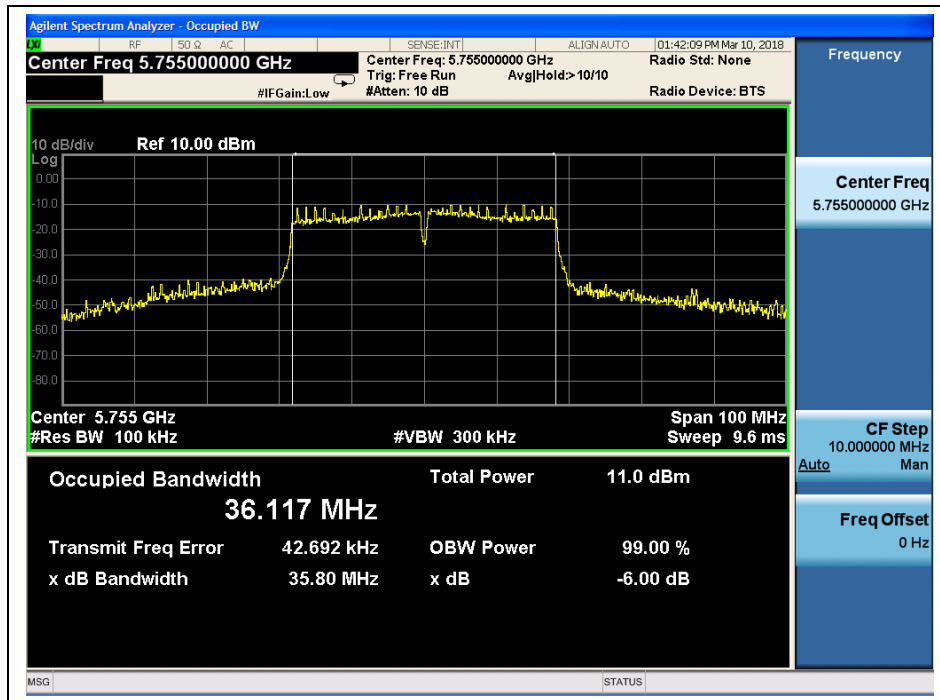
(Channel 102, 5510MHz, 802.11n (HT40))



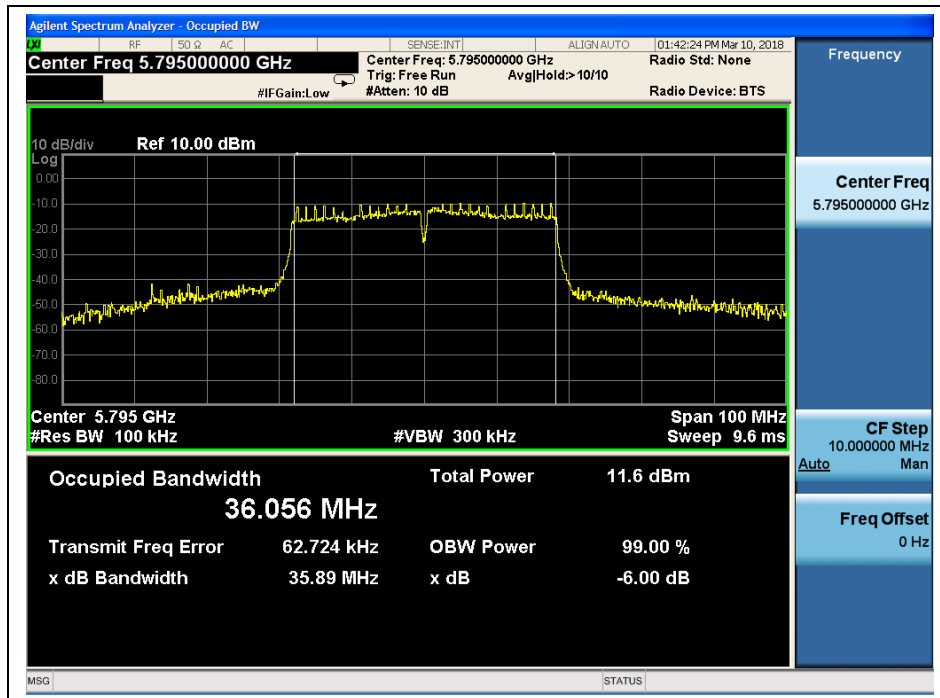
(Channel 126, 5630 MHz, 802.11n (HT40))



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



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



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



802.11 ac (VHT40) Test mode

A. Test Verdict:

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
38	5190	42.15
46	5230	40.08
54	5270	40.63
62	5310	40.38
102	5510	39.40
126	5630	40.46
142	5710	48.71
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
151	5755	35.90
159	5795	35.89

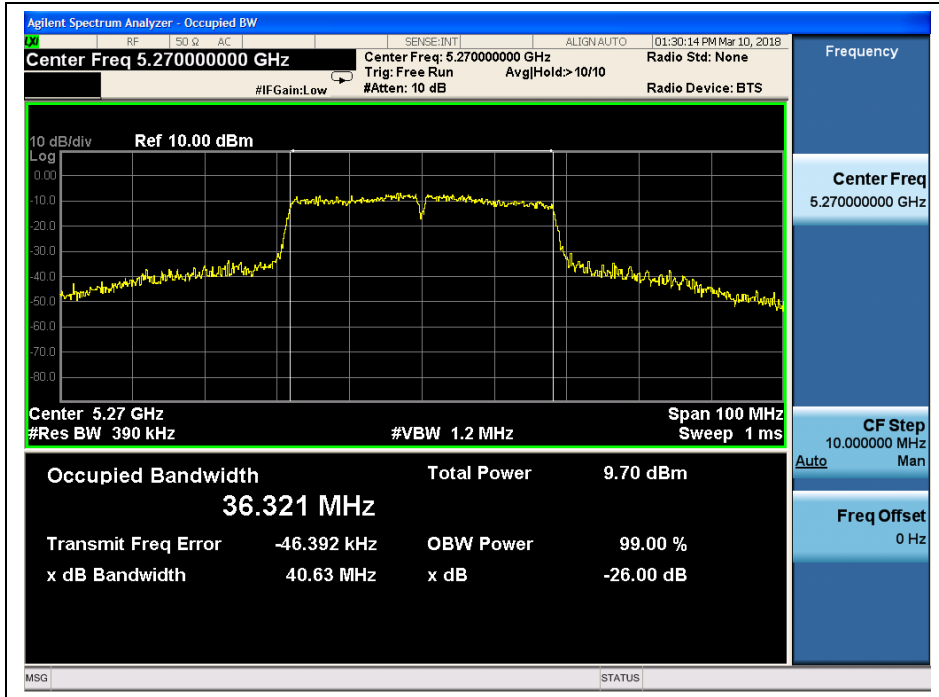
B. Test Plots



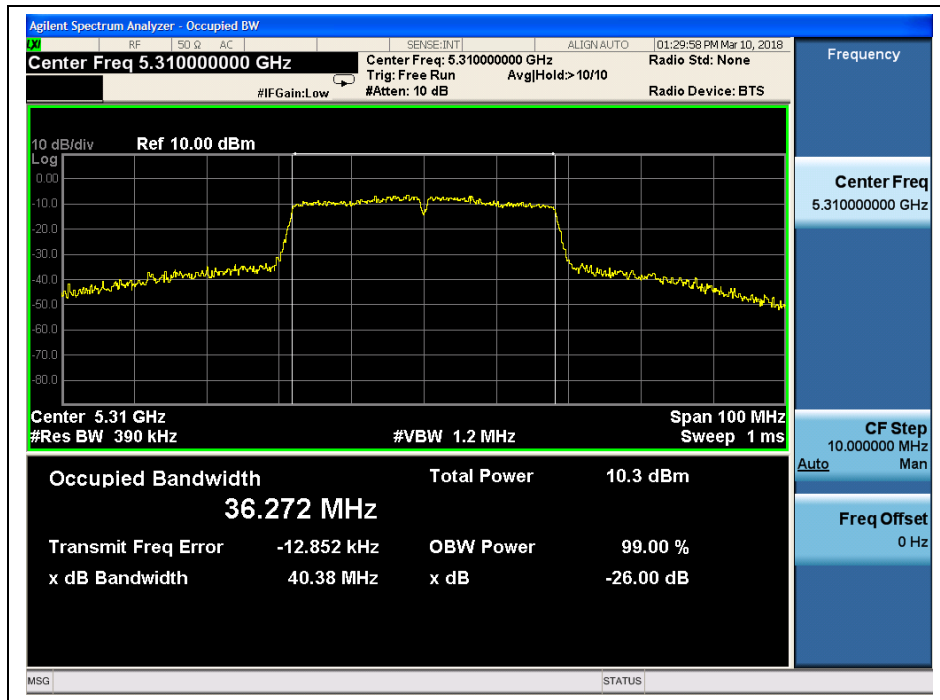
(Channel 38, 5190MHz, 802.11 ac (VHT40))



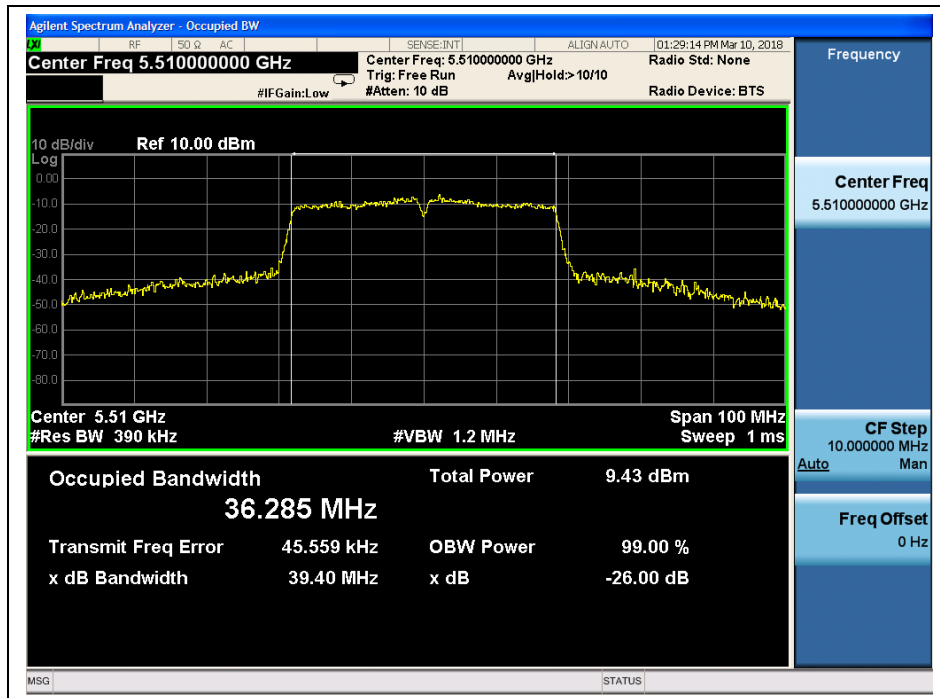
(Channel 46, 5230 MHz, 802.11 ac (VHT40))



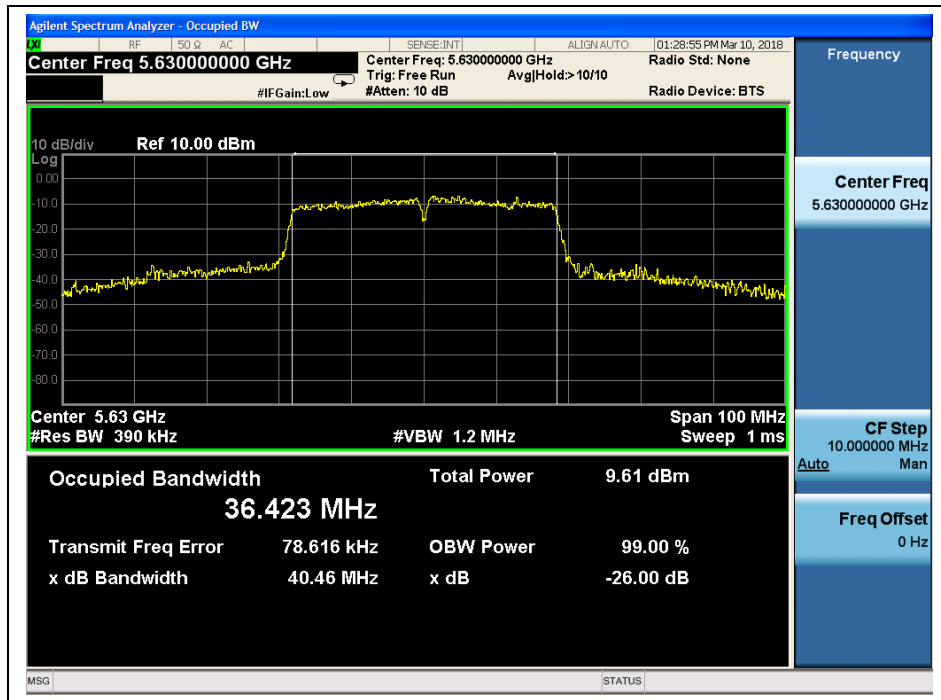
(Channel 54, 5270MHz, 802.11 ac (VHT40))



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



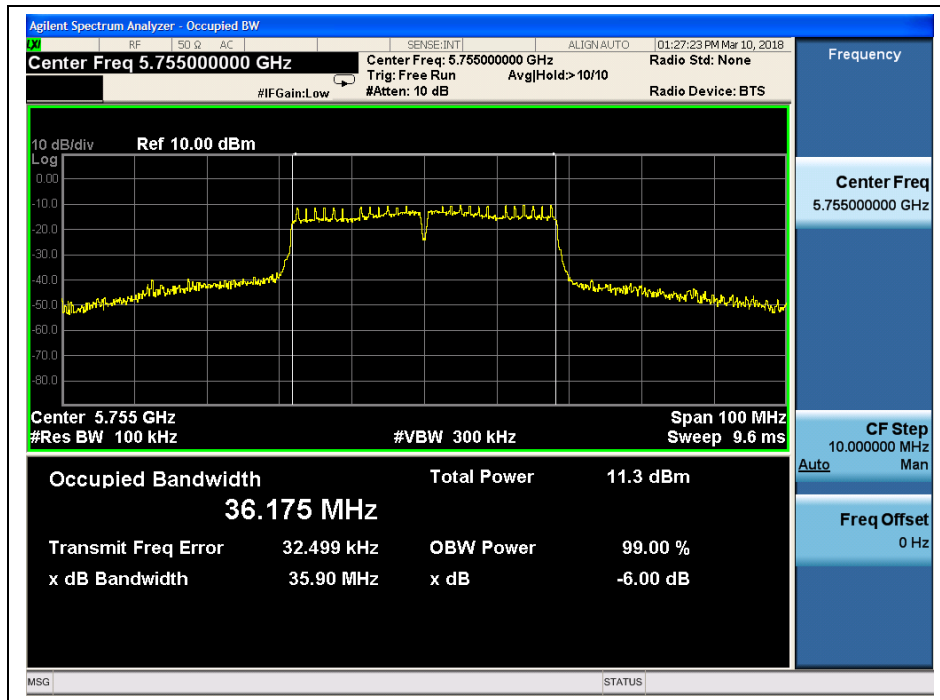
(Channel 102, 5510MHz, 802.11 ac (VHT40))



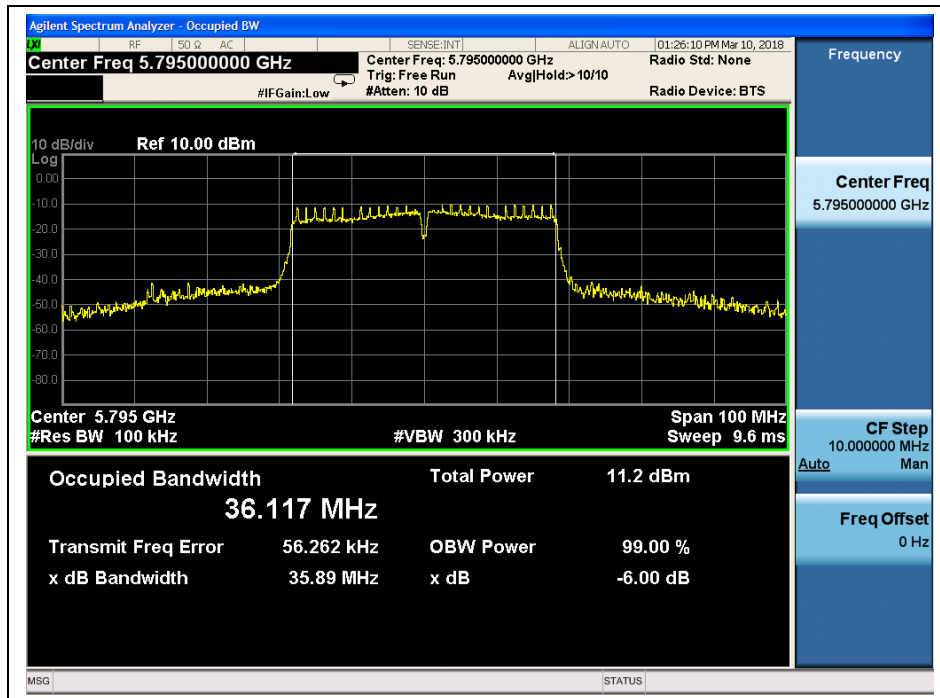
(Channel 126, 5630 MHz, 802.11 ac (VHT40))



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



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



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

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. 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.

(2) 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.

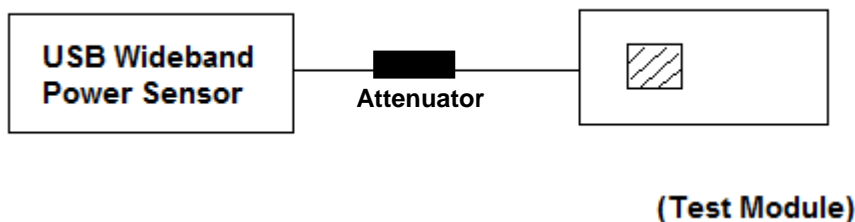
(3) According to KDB662911D01 Measure-and-sum technique, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the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

(4) According to KDB 662911 D01, the directional gain = $G_{ANT} + 10\log(N_{ANT})$ dBi, where G_{ANT} is the antenna gain in dBi, N_{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	13.12	24	PASS
44	5220	12.77		
48	5240	12.41		
52	5260	12.12		
60	5300	12.09		
64	5320	11.98		
100	5500	11.76		
116	5600	12.87		
144	5720	15.51		
149	5745	14.02		
157	5785	14.76	30	
165	5825	14.68		

Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit (dBm)	Verdict
36	5180	7.00	24	PASS
44	5220	6.43		
48	5240	6.06		
52	5260	5.60		
60	5300	5.33		
64	5320	5.24		
100	5500	4.10		
116	5600	5.37		
142	5720	7.16		
149	5745	5.91		
157	5785	6.03	30	
165	5825	5.96		

**802.11n (HT20) Test mode**

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit (dBm)	Verdict
36	5180	13.61	24	PASS
44	5220	13.00		
48	5240	12.86		
52	5260	12.63		
60	5300	12.25		
64	5320	11.94		
100	5500	11.53		
116	5600	12.29		
144	5720	15.42		
149	5745	14.13		
157	5785	14.28	30	
165	5825	14.36		

Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit (dBm)	Verdict
36	5180	7.40	24	PASS
44	5220	6.71		
48	5240	6.39		
52	5260	6.14		
60	5300	5.41		
64	5320	5.08		
100	5500	3.58		
116	5600	4.58		
142	5720	7.70		
149	5745	5.37		
157	5785	5.59	30	
165	5825	5.51		

**802.11ac (VHT20) Test mode**

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit (dBm)	Verdict
36	5180	13.59	24	PASS
44	5220	13.34		
48	5240	13.18		
52	5260	12.46		
60	5300	12.72		
64	5320	12.88		
100	5500	12.70		
116	5600	13.55		
144	5720	15.38		
149	5745	14.36		
157	5785	14.07	30	
165	5825	14.21		

Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit (dBm)	Verdict
36	5180	7.28	24	PASS
44	5220	6.59		
48	5240	6.51		
52	5260	5.95		
60	5300	5.97		
64	5320	5.84		
100	5500	4.76		
116	5600	5.82		
144	5720	7.73		
149	5745	5.56		
157	5785	5.46	30	
165	5825	5.72		

**802.11n (HT40) Test mode**

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit (dBm)	Verdict
38	5190	12.48	24	PASS
46	5230	11.74		
54	5270	11.22		
62	5310	10.91		
102	5510	10.92		
126	5630	12.28		
142	5710	13.15		
151	5755	13.21	30	
159	5795	13.49		

Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit (dBm)	Verdict
38	5190	6.18	24	PASS
46	5230	5.44		
54	5270	4.60		
62	5310	4.26		
102	5510	2.96		
126	5630	4.42		
142	5710	5.38		
151	5755	4.85	30	
159	5795	4.84		

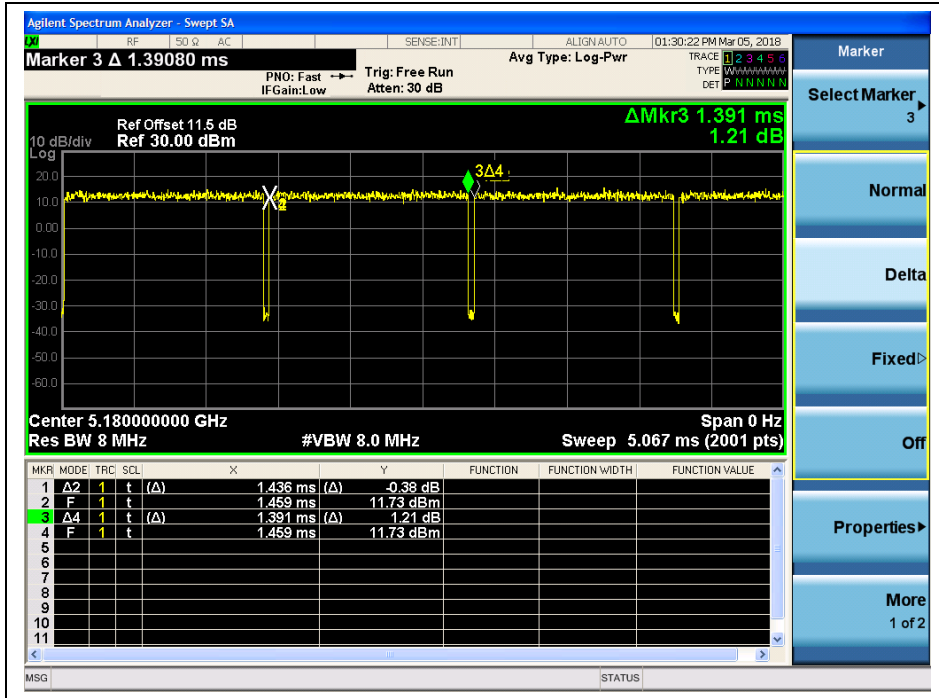
**802.11ac (VHT40) Test mode**

Channel	Frequency (MHz)	Measured Peak Power (dBm)	Limit (dBm)	Verdict
38	5190	12.74	24	PASS
46	5230	11.56		
54	5270	11.19		
62	5310	10.99		
102	5510	10.65		
126	5630	12.06		
142	5710	13.62		
151	5755	13.09	30	
159	5795	13.65		

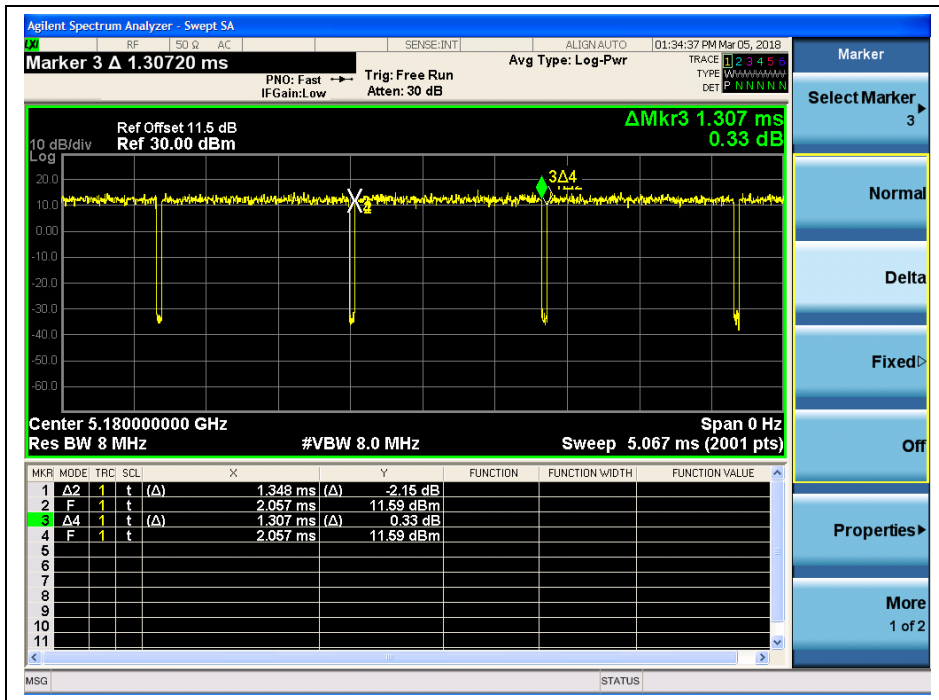
Channel	Frequency (MHz)	Measured Average Power (dBm)	Limit (dBm)	Verdict
38	5190	5.90	24	PASS
46	5230	5.40		
54	5270	4.63		
62	5310	4.54		
102	5510	3.17		
126	5630	3.99		
142	5710	5.47		
151	5755	4.69	30	
159	5795	4.93		



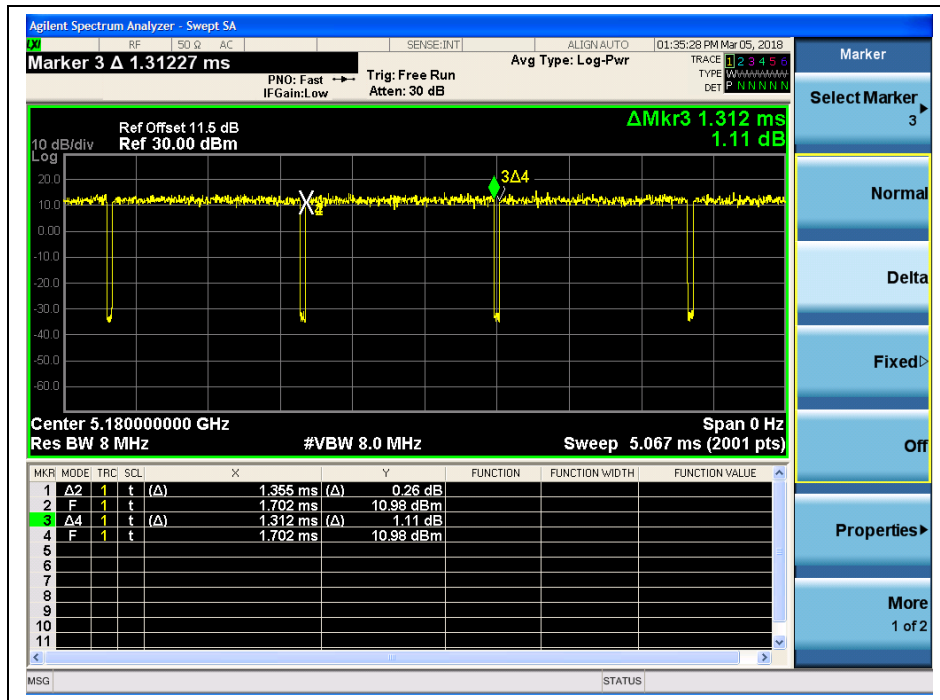
Plot for duty cycle



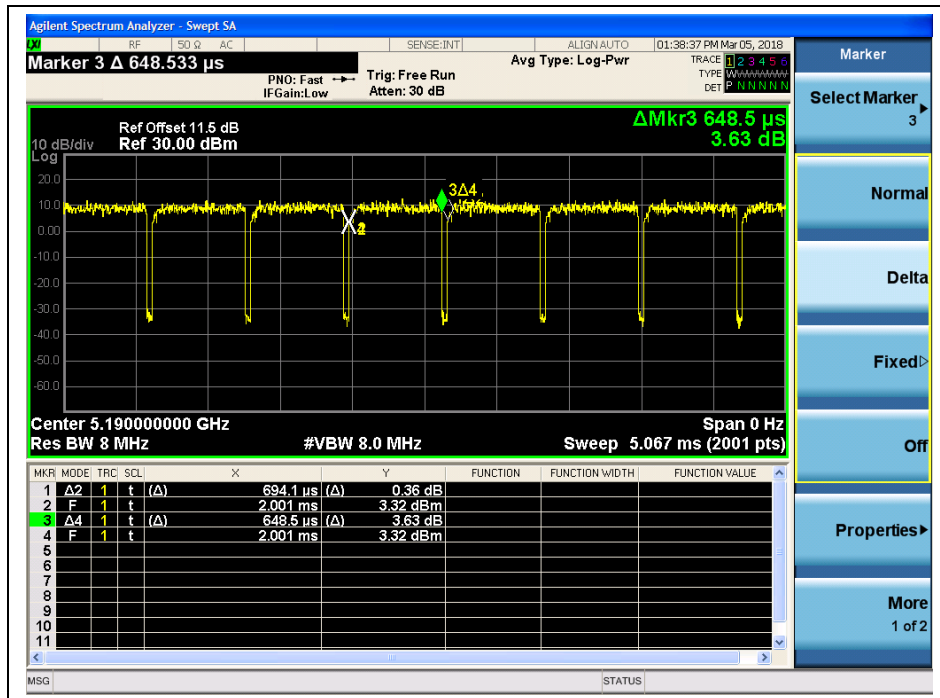
(Duty cycle for 802.11 a)



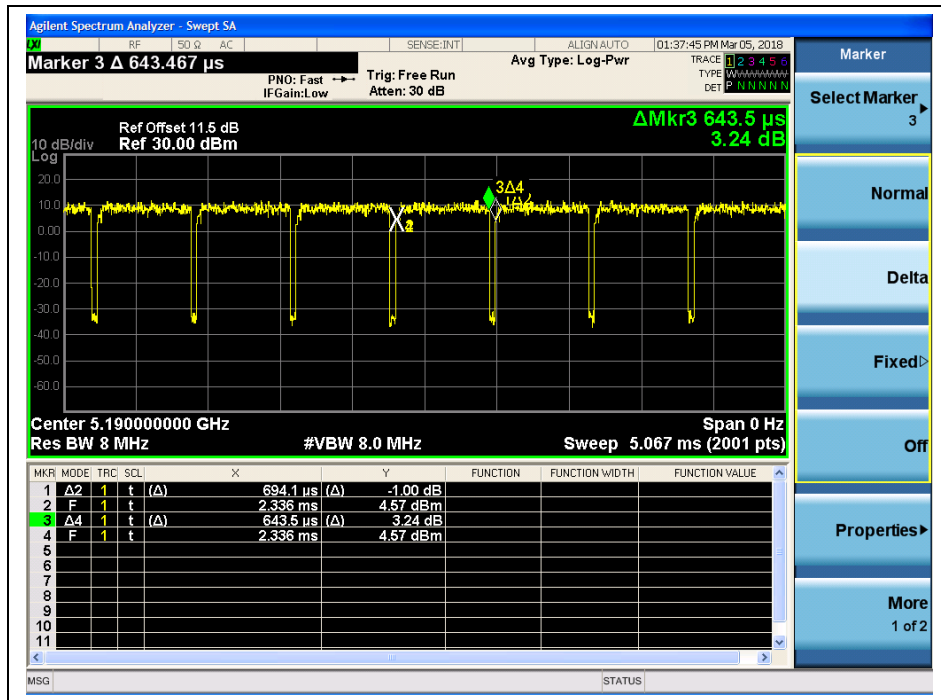
(Duty cycle for 802.11 n (HT20))



(Duty cycle for 802.11 ac (VHT20))



(Duty cycle for 802.11 n (HT40))



(Duty cycle for 802.11 ac (VHT40))

2.4. Peak Power spectral density

2.4.1. Requirement

(1) For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

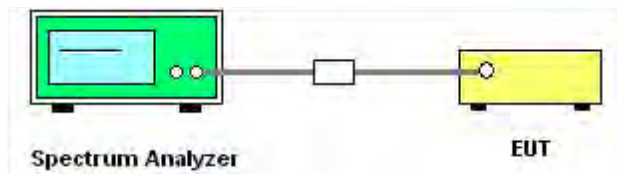
(2) For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500KHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) 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.

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

2.4.2. 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

KDB 789033 Section F) Maximum Power Spectral Density (PSD) Method SA-1 was used in order to prove compliance

- 1) Set span to encompass the entire 26-dB emission bandwidth
- 2) Set RBW = 1 MHz. Set VBW \geq 3 MHz.
- 3) Number of points in sweep \geq 2 Span / RBW. Sweep time = auto.
- 4) Detector = RMS (i.e., power averaging)
- 5) Trace average at least 100 traces in power averaging (i.e., RMS) mode
- 6) Record the max value



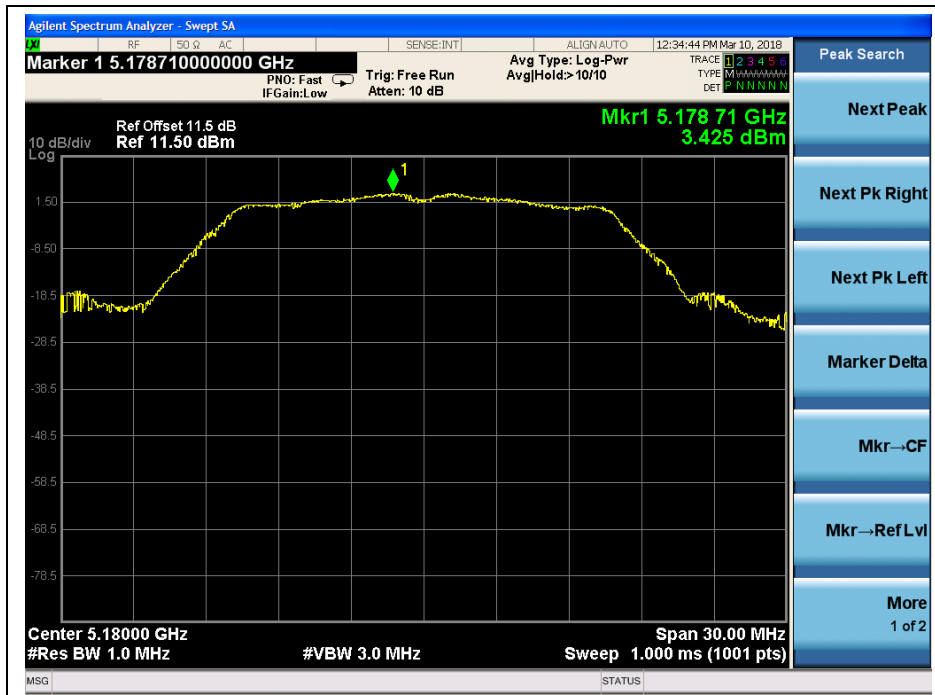
2.4.3. Test Result

802.11a Test mode

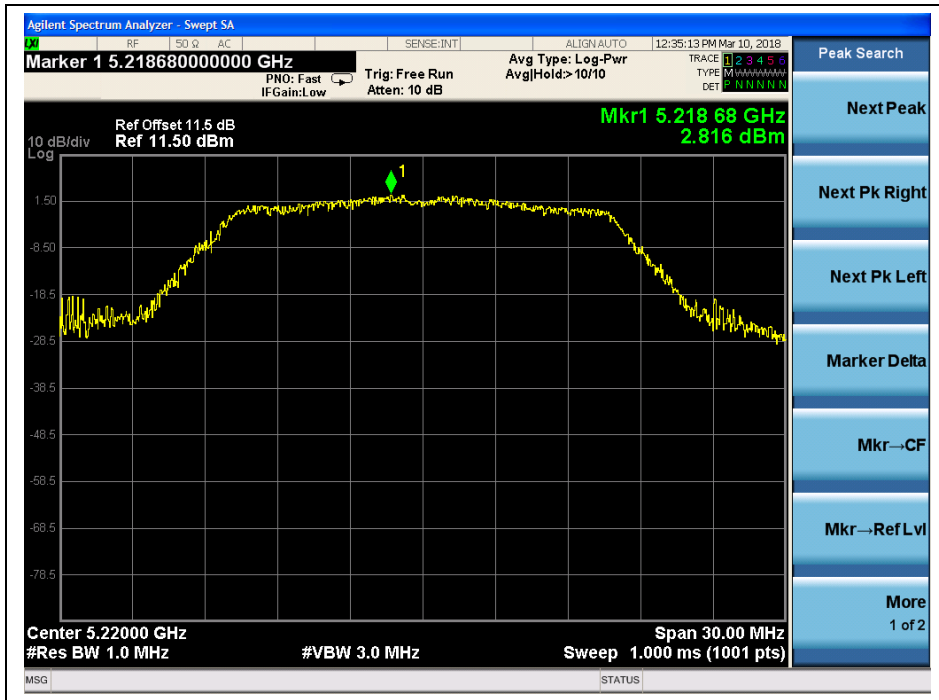
A. Test Verdict:

Channel	Frequency (MHz)	Measured PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
36	5180	3.43	11	PASS
44	5220	2.82		
48	5240	2.62		
52	5260	1.90		
60	5300	1.03		
64	5320	1.43		
100	5500	0.85		
116	5600	1.74		
144	5720	2.75		
Channel	Frequency (MHz)	Measured PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
149	5745	-1.14	30	PASS
157	5785	-1.26		
165	5825	-1.41		

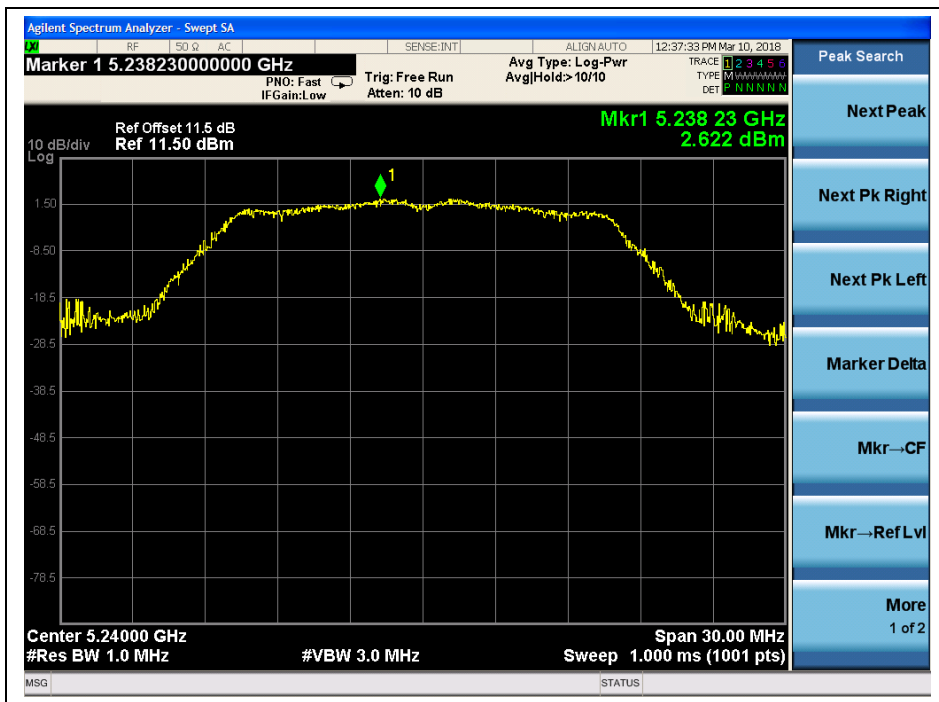
B. Test Plots



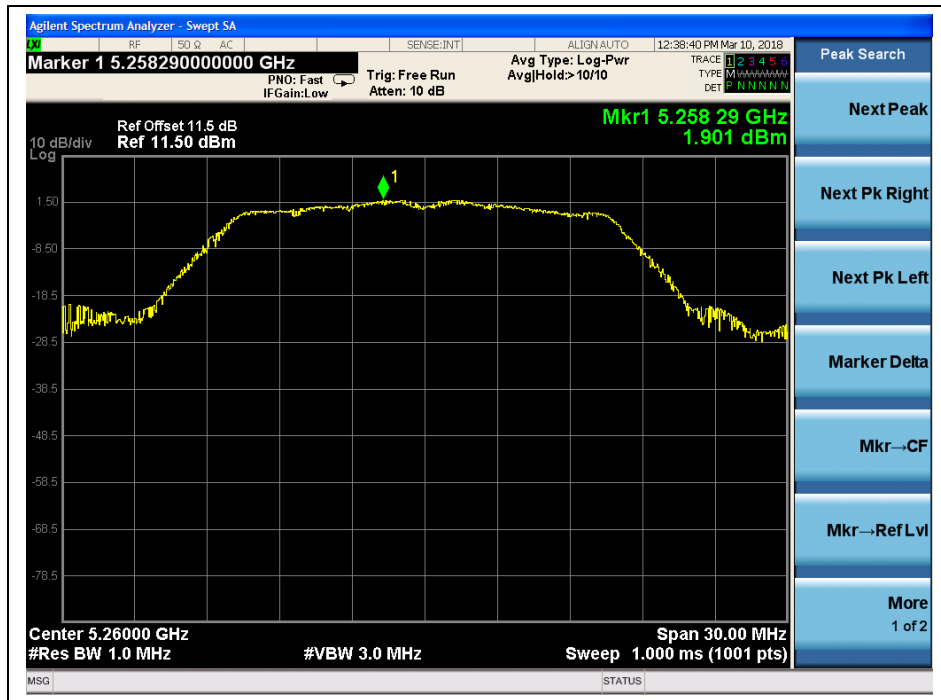
(Channel 36, 5180MHz, 802.11a,)



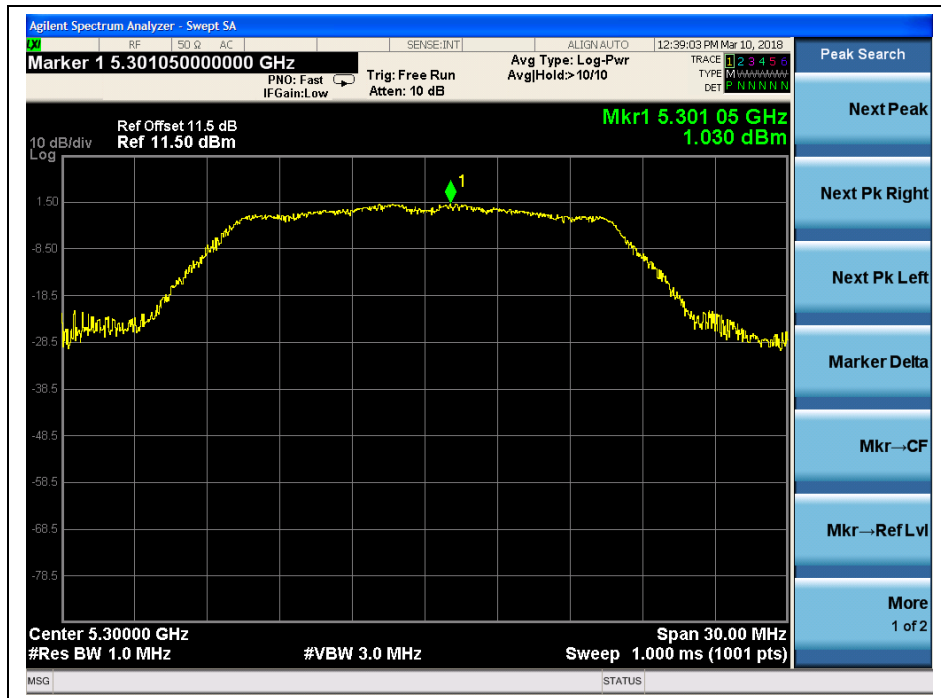
(Channel 44, 5220 MHz, 802.11a,)



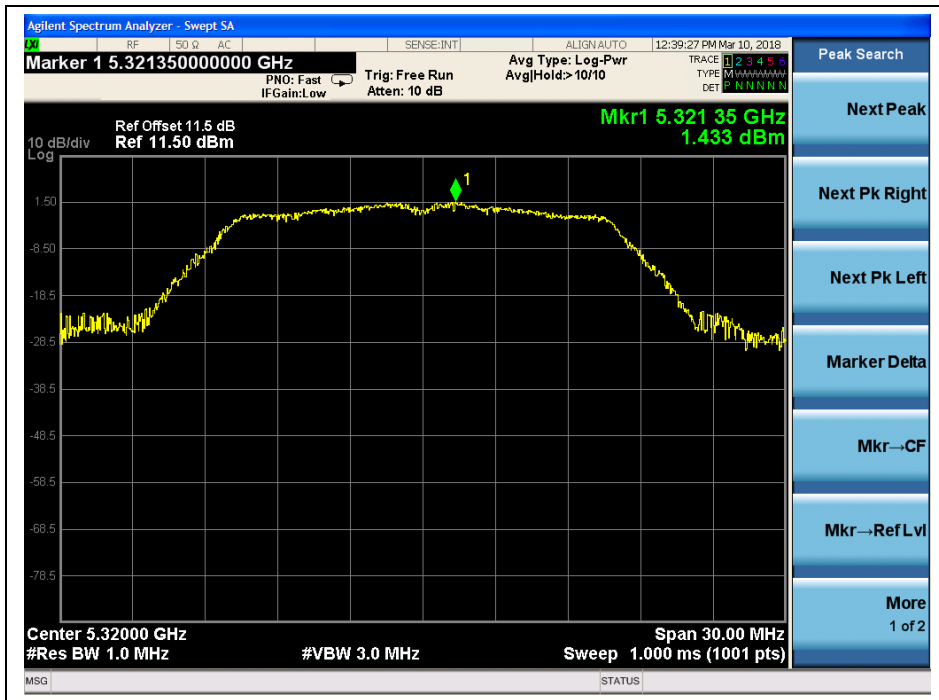
(Channel 48, 5240MHz, 802.11a,)



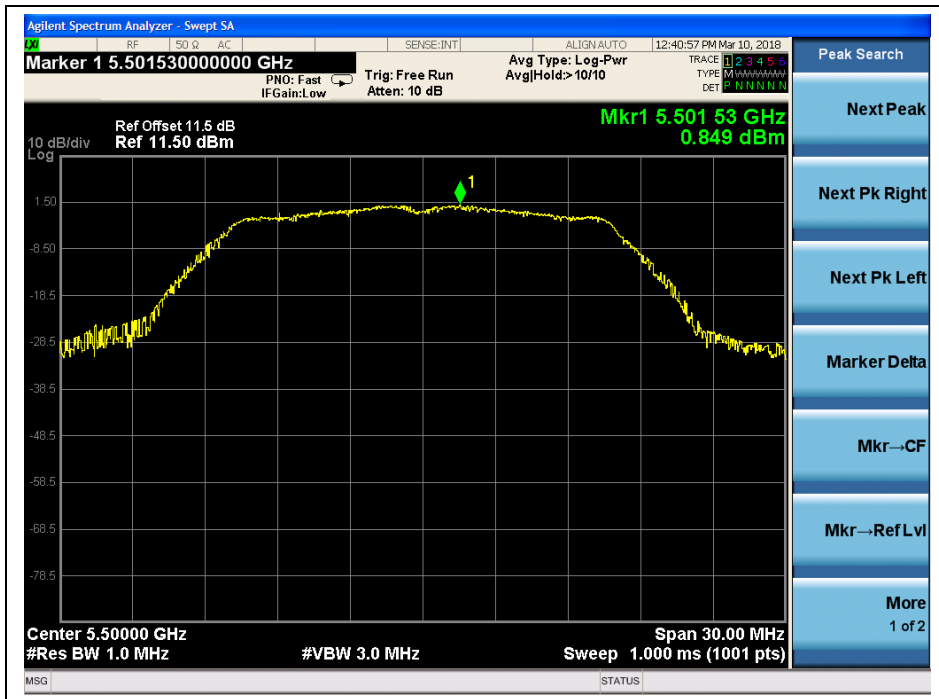
(Channel 52, 5260MHz, 802.11a,)



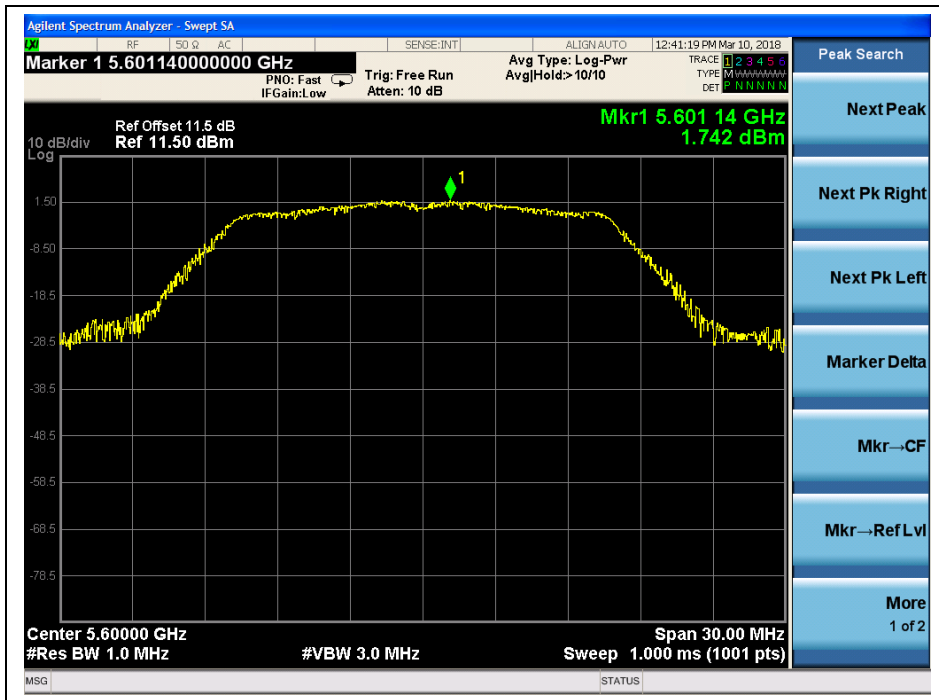
(Channel 60, 5300 MHz, 802.11a,)



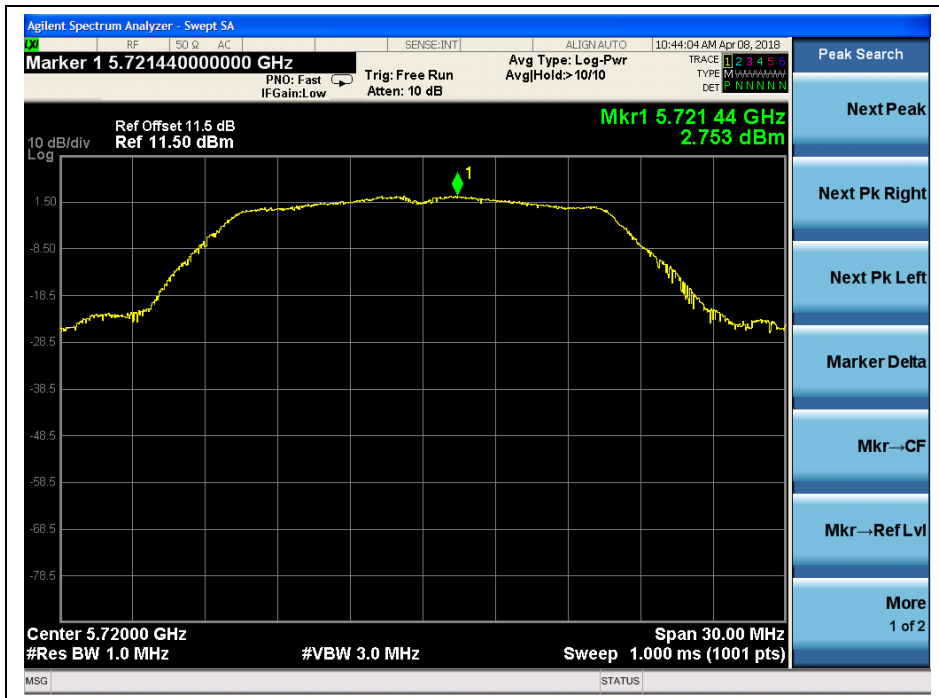
(Channel 64, 5320MHz, 802.11a,)



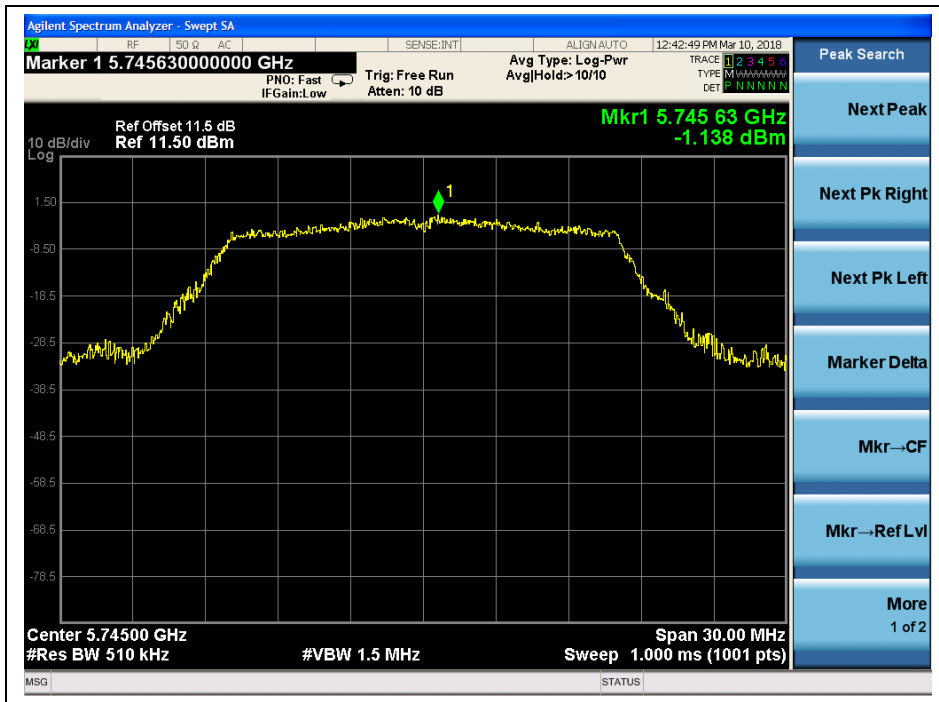
(Channel 100, 5500MHz, 802.11a,)



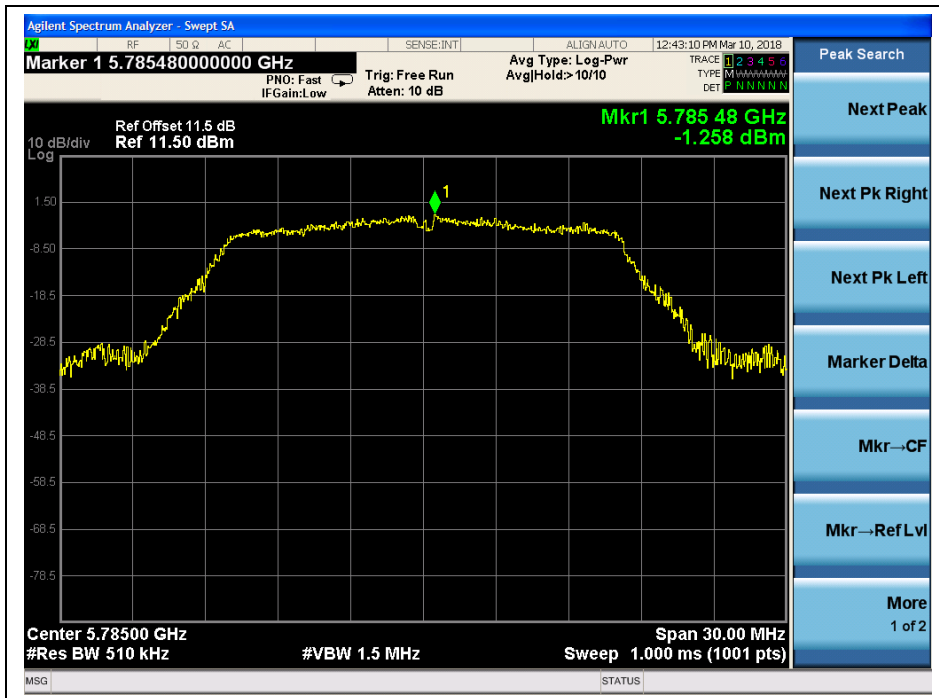
(Channel 120, 5600 MHz, 802.11a,)



(Channel 142, 5720MHz, 802.11a,)



(Channel 149, 5745MHz, 802.11a)



(Channel 157, 5785MHz, 802.11a)