

# FCC Test Report

Product Name : Wireless-AC1700 Dual Band Gigabit Router  
Trade Name : ASUS  
Model No. : RT-ACRH17, RT-AC1700  
FCC ID. : MSQ-RTHD00

Applicant : ASUSTeK COMPUTER INC.

Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt : Apr. 20, 2016

Issued Date : Jul. 21, 2017

Report No. : 1770022R-RFUSP45V00

Report Version : V1.0



The test results relate only to the samples tested.

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# Test Report Certification

Issued Date : Jul. 21, 2017

Report No. : 1770022R-RFUSP45V00



Product Name : Wireless-AC1700 Dual Band Gigabit Router  
 Applicant : ASUSTeK COMPUTER INC.  
 Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan  
 Manufacturer : ASUSTeK COMPUTER INC.  
 Model No. : RT-ACRH17, RT-AC1700  
 FCC ID. : MSQ-RTHD00  
 EUT Voltage : AC 100-240V, 50-60Hz  
 Testing Voltage : AC 120V/60Hz  
 Trade Name : ASUS  
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart E Section 15.407: 2015  
 ANSI C63.10: 2013  
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 Test Result : Complied

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**Revision History**

Report No.	Version	Description	Issued Date
1770022R-RFUSP45V00	V1.0	Initial issue of report	Jul. 21, 2017

## Laboratory Information

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<b>USA</b>	<b>:</b>	<b>FCC, Registration Number: 0007939127</b>
<b>Canada</b>	<b>:</b>	<b>IC, Submission No: 181665</b> <b>IC Registration Number: 22397-1 / 22397-2 / 22397-3</b>

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The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site : [http://www.dekra.com.tw/index\\_en.aspx](http://www.dekra.com.tw/index_en.aspx)

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## 1. General Information

### 1.1. EUT Description

Product Name	Wireless-AC1700 Dual Band Gigabit Router	
Trade Name	ASUS	
Model No.	RT-ACRH17, RT-AC1700	
Frequency Range/ Channel Number	IEEE 802.11a/	5180~5240MHz / 4 Channels
	IEEE 802.11n (20MHz) /	5745~5825MHz / 5 Channels
	IEEE 802.11ac (20MHz)	
	IEEE 802.11n (40MHz) /	5190~5230MHz / 2 Channels
	IEEE 802.11ac (40MHz)	5755~5795MHz / 2 Channels
	IEEE 802.11ac (80MHz)	5210~5210MHz / 1 Channel
		5775~5775MHz / 1 Channel
Type of Modulation	IEEE 802.11a/n/ac	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed	IEEE 802.11a	6, 9, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 31 and bandwidth defined in 802.11n
	IEEE 802.11ac	Support a subset of the combination of GI, MCS 0~MCS 9 and bandwidth defined in 802.11ac

Antenna Information	
Antenna Type	Dipole
Antenna Gain	1.74 dBi

Accessories Information	
LAN Cable	Non-Shielded, 1.5m
Power Adatper 1	Shenzhen Gongjin, S24B72-120A200-C4 I/P : 100-240V~ 50-60Hz Vax 0.8A O/P : 12V $\overline{=}$ 2A Cable Out: Non-shielded, 1.5m
Power Adatper 2	SHENZHEN FRECOM, F24W5-120200SPAU I/P : 100-240V~ 50-60Hz O/P : 12V $\overline{=}$ 2A Cable Out: Non-shielded, 1.6m
Power Adatper 3	Asian Power Devices Inc., WA-24Q12FU I/P : 100-240V~ 50-60Hz O/P : 12V $\overline{=}$ 2A Cable Out: Non-shielded, 1.85m

**ANT-TX / RX & Bandwidth**

ANT-TX / RX	TX			RX		
	20MHz	40MHz	80MHz	20MHz	40MHz	80MHz
IEEE802.11a	✓			✓		
IEEE802.11n	✓	✓		✓	✓	
IEEE802.11ac	✓	✓	✓	✓	✓	✓



## IEEE 802.11n

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								20MHz	40MHz	20MHz	40MHz
0	BPSK	1/2	1	52	108	26	54	6.5	13.5	7.2	15.0
1	QPSK	1/2	2	104	216	52	108	13.0	27.0	14.4	30.0
2	QPSK	3/4	2	104	216	78	162	19.5	40.5	21.7	45.0
3	16-QAM	1/2	4	208	432	104	216	26.0	54.0	28.9	60.0
4	16-QAM	3/4	4	208	432	156	324	39.0	81.0	43.3	90.0
5	64-QAM	2/3	6	312	648	208	432	52.0	108.0	57.8	120.0
6	64-QAM	3/4	6	312	648	234	486	58.5	121.5	65.0	135.0
7	64-QAM	5/6	6	312	648	260	540	65.0	135.0	72.2	150.0

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 1 – MCS parameters for TX Antenna number = 1

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								20MHz	40MHz	20MHz	40MHz
8	BPSK	1/2	1	104	216	52	108	13.0	27.0	14.4	30.0
9	QPSK	1/2	2	208	432	104	216	26.0	54.0	28.9	60.0
10	QPSK	3/4	2	208	432	156	324	39.0	81.0	43.3	90.0
11	16-QAM	1/2	4	416	864	208	432	52.0	108.0	57.8	120.0
12	16-QAM	3/4	4	416	864	312	648	78.0	162.0	86.7	180.0
13	64-QAM	2/3	6	624	1296	416	864	104.0	216.0	115.6	240.0
14	64-QAM	3/4	6	624	1296	468	972	117.0	243.0	130.0	270.0
15	64-QAM	5/6	6	624	1296	520	1080	130.0	270.0	144.4	300.0

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 2 – MCS parameters for TX Antenna number = 2

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								20MHz	40MHz	20MHz	40MHz
16	BPSK	1/2	1	156	324	78	162	19.5	40.5	21.7	45.0
17	QPSK	1/2	2	312	648	156	324	39.0	81.0	43.3	90.0
18	QPSK	3/4	2	312	648	234	486	58.5	121.5	65.0	135.0
19	16-QAM	1/2	4	624	1296	312	648	78.0	162.0	86.7	180.0
20	16-QAM	3/4	4	624	1296	468	972	117.0	243.0	130.0	270.0
21	64-QAM	2/3	6	936	1944	624	1296	156.0	324.0	173.3	360.0
22	64-QAM	3/4	6	936	1944	702	1458	175.5	364.5	195.0	405.0
23	64-QAM	5/6	6	936	1944	780	1620	195.0	405.0	216.7	450.0

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 3 – MCS parameters for TX Antenna number = 3

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								20MHz	40MHz	20MHz	40MHz
24	BPSK	1/2	1	208	432	104	216	26.00	54.00	28.80	60.00
25	QPSK	1/2	2	416	864	208	432	52.00	108.00	57.60	120.00
26	QPSK	3/4	2	416	864	312	648	78.00	162.00	86.80	180.00
27	16-QAM	1/2	4	832	1728	416	864	104.00	216.00	115.60	240.00
28	16-QAM	3/4	4	832	1728	624	1296	156.00	324.00	172.20	360.00
29	64-QAM	2/3	6	1248	2592	832	1728	208.00	432.00	231.20	480.00
30	64-QAM	3/4	6	1248	2592	936	1944	234.00	486.00	260.00	540.00
31	64-QAM	5/6	6	1248	2592	1040	2040	260.00	540.00	288.80	600.00

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 4 – MCS parameters for TX Antenna number = 4

Symbol	Explanation
R	Code rate
N <sub>BPSC</sub>	Number of coded bits per single carrier
N <sub>CBPS</sub>	Number of coded bits per symbol
N <sub>DBPS</sub>	Number of data bits per symbol
GI	guard interval

**IEEE 802.11ac Data Rate**

Spatial Streams (Note1)	MCS Index	Modulation type	Coding rate	Data Rate(Mb/s)							
				20 MHz		40 MHz		80 MHz		160 MHz	
				Guard Interval		Guard Interval		Guard Interval		Guard Interval	
				800ns	400ns	800ns	400ns	800ns	400ns	800ns	400ns
1	0	BPSK	1/2	6.5	7.2	13.5	15	29.3	32.5	58.5	65
	1	QPSK	1/2	13	14.4	27	30	58.5	65	117	130
	2	QPSK	3/4	19.5	21.7	40.5	45	87.8	97.5	175.5	195
	3	16-QAM	1/2	26	28.9	54	60	117	130	234	260
	4	16-QAM	3/4	39	43.3	81	90	175.5	195	351	390
	5	64-QAM	2/3	52	57.8	108	120	234	260	468	520
	6	64-QAM	3/4	58.5	65	121.5	135	263.3	292.5	526.5	585
	7	64-QAM	5/6	65	72.2	135	150	292.5	325	585	650
	8	256-QAM	3/4	78	86.7	162	180	351	390	702	780
	9	256-QAM	5/6	N/A	N/A	180	200	390	433.3	780	866.7
2	0	BPSK	1/2	13	14.4	27	30	58.6	65	117	130
	1	QPSK	1/2	26	28.8	54	60	117	130	234	260
	2	QPSK	3/4	39	43.4	81	90	175.6	195	351	390
	3	16-QAM	1/2	52	57.8	108	120	234	260	468	520
	4	16-QAM	3/4	78	86.6	162	180	351	390	702	780
	5	64-QAM	2/3	104	115.6	216	240	468	520	936	1040
	6	64-QAM	3/4	117	130	243	270	526.6	585	1053	1170
	7	64-QAM	5/6	130	144.4	270	300	585	650	1170	1300
	8	256-QAM	3/4	156	173.4	324	360	702	780	1404	1560
	9	256-QAM	5/6	N/A	N/A	360	400	780	866.6	1560	1733.4
3	0	BPSK	1/2	19.5	21.6	40.5	45	87.9	97.5	175.5	195
	1	QPSK	1/2	39	43.2	81	90	175.5	195	351	390
	2	QPSK	3/4	58.5	65.1	121.5	135	263.4	292.5	526.5	585
	3	16-QAM	1/2	78	86.7	162	180	351	390	702	780
	4	16-QAM	3/4	117	129.9	243	270	526.5	585	1053	1170
	5	64-QAM	2/3	156	173.4	324	360	702	780	1404	1560
	6	64-QAM	3/4	175.5	195	364.5	405	789.9	877.5	1579.5	1755
	7	64-QAM	5/6	195	216.6	405	450	877.5	975	1755	1950
	8	256-QAM	3/4	234	260.1	486	540	1053	1170	2106	2340
	9	256-QAM	5/6	N/A	N/A	540	600	1170	1299.9	2340	2600.1

4	0	BPSK	1/2	26.0	28.9	54.0	60.0	117.0	130.0	234.0	260.0
	1	QPSK	1/2	52.0	57.8	108.0	120.0	234.0	260.0	468.0	520.0
	2	QPSK	3/4	78.0	86.7	162.0	180.0	351.0	390.0	702.0	780.0
	3	16-QAM	1/2	104.0	115.6	216.0	240.0	468.0	520.0	936.0	1040.0
	4	16-QAM	3/4	156.0	173.3	342.0	360.0	702.0	780.0	1404.0	1560.0
	5	64-QAM	2/3	208.0	231.1	432.0	480.0	936.0	1040.0	1872.0	2080.0
	6	64-QAM	3/4	234.0	260.0	486.0	540.0	1053.0	1170.0	2106.0	2340.0
	7	64-QAM	5/6	260.0	288.9	540.0	600.0	1170.0	1300.0	N/A	N/A
	8	256-QAM	3/4	312.0	346.7	648.0	720.0	1404.0	1560.0	2808.0	3120.0
	9	256-QAM	5/6	N/A	N/A	720.0	800.0	1560.0	1733.3	3120.0	3466.7

## IEEE 802.11a &amp; IEEE 802.11n (20MHz) &amp; IEEE 802.11ac (20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz						

## IEEE 802.11n (40MHz) &amp; IEEE 802.11ac (40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	151	5755 MHz	159	5795 MHz

## IEEE 802.11ac (80MHz)

Working Frequency of Each Channel	
Channel	Frequency
42	5210 MHz
155	5775 MHz

## Note:

1. This device is a Wireless-AC1700 Dual Band Gigabit Router including 2.4GHz b/g/n and 5GHz a/n/ac transmitting and receiving function.
2. Regards to the frequency band operation; the lowest , middle and highest frequency of channel were selected to perform the test, and then shown on this report.
3. The function of the 2.4GHz transmitting is measured and makes a test report of the number: 1770022R-RFUSP27V00

This device is a composite device in accordance with Part 15 regulations. The receiving function was tested and its number is 1770022R-RFUSP01V00.

## 1.2. Test Mode

DEKRA has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

TX	Mode 1: TX_CDD Mode (11a)_ ADP1 Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1 Mode 3: TX_CDD Mode (11a)_ ADP2 Mode 4: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP2 Mode 5: TX_CDD Mode (11a)_ ADP3 Mode 6: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP3
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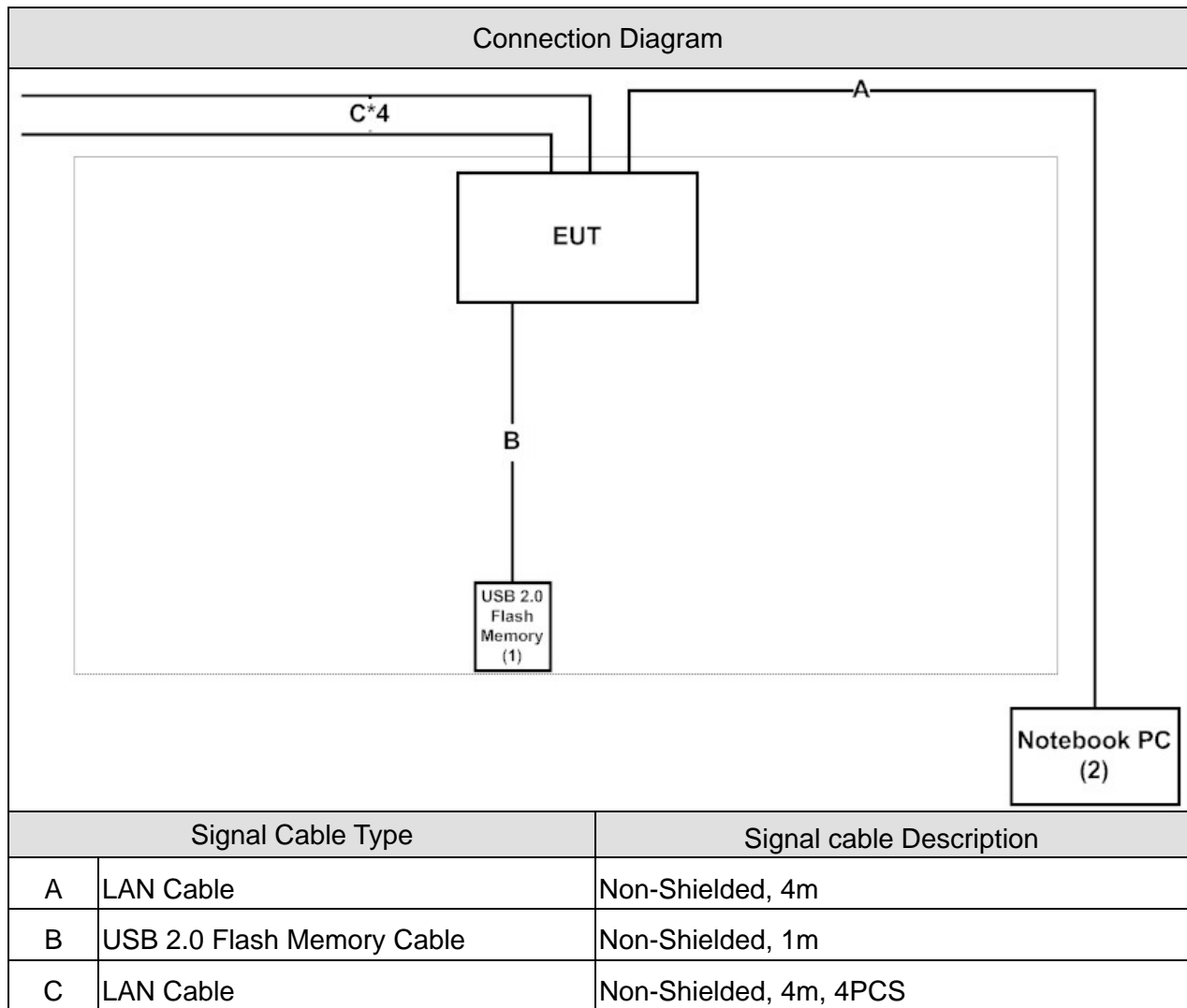
Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11ac (80MHz)	42/155	0+1+2+3	Complies
99% & 20dB & DTS Bandwidth	a	36/44/48/149/157/165	0/1/2/3	Complies
	11n/ac (20MHz)	36/44/48/149/157/165	0/1/2/3	Complies
	11n/ac (40MHz)	38/46/151/159	0/1/2/3	Complies
	11ac (80MHz)	42/155	0/1/2/3	Complies
Peak Transmit Output	a	36/44/48/149/157/165	0+1+2+3	Complies
	11n/ac (20MHz)	36/44/48/149/157/165	0+1+2+3	Complies
	11n/ac (40MHz)	38/46/151/159	0+1+2+3	Complies
	11ac (80MHz)	42/155	0+1+2+3	Complies
Peak Power Spectrum Density	a	36/44/48/149/157/165	0+1+2+3	Complies
	11n/ac (20MHz)	36/44/48/149/157/165	0+1+2+3	Complies
	11n/ac (40MHz)	38/46/151/159	0+1+2+3	Complies
	11ac (80MHz)	42/155	0+1+2+3	Complies
Radiated Emission	a	36/44/48/149/157/165	0+1+2+3	Complies
	11n/ac (20MHz)	36/44/48/149/157/165	0+1+2+3	Complies
	11n/ac (40MHz)	38/46/151/159	0+1+2+3	Complies
	11ac (80MHz)	42/155	0+1+2+3	Complies
Band Edge	a	36/44/48/149/157/165	0+1+2+3	Complies
	11n/ac (20MHz)	36/44/48/149/157/165	0+1+2+3	Complies
	11n/ac (40MHz)	38/46/151/159	0+1+2+3	Complies
	11ac (80MHz)	42/155	0+1+2+3	Complies
Frequency Stability	a	36/44/48/149/157/165	0/1/2/3	Complies
	11n/ac (20MHz)	36/44/48/149/157/165	0/1/2/3	Complies
	11n/ac (40MHz)	38/46/151/159	0/1/2/3	Complies
	11ac (80MHz)	42/155	0/1/2/3	Complies

### 1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord	
1	USB 2.0 Flash Memory	Apacer	AH223	N/A	DoC	--
2	Notebook PC	ACER	MS2296	LUSCV021391 150332C2000	DoC	Non-Shielded, 2.5m one ferrite core bonded

### 1.4. Configuration of tested System



### 1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the "MTool 2.0.0.7" on the EUT.
3	Configure the test mode, the test channel, and the data rate.
4	Press "Start TX" to start the continuous transmitting.
5	Verify that the EUT works properly.



## 1.6. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual	Test Site
Temperature (°C)	FCC PART 15 E 15.407 Conducted Emission	15 - 35	20°C	3
Humidity (%RH)		25 - 75	50%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 99% & 20dB & DTS Bandwidth	15 - 35	25°C	1
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Peak Transmit Power	15 - 35	25°C	1
Humidity (%RH)		25 - 75	65%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Peak Power Spectrum Density	15 - 35	25°C	1
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Radiated Emission	15 - 35	25°C	1/2
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Band Edge	15 - 35	25°C	1
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Frequency Stability	15 - 35	25°C	1
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	

Note: Test site information refers to Laboratory Information.

## 2. Conducted Emission

### 2.1. Test Equipment

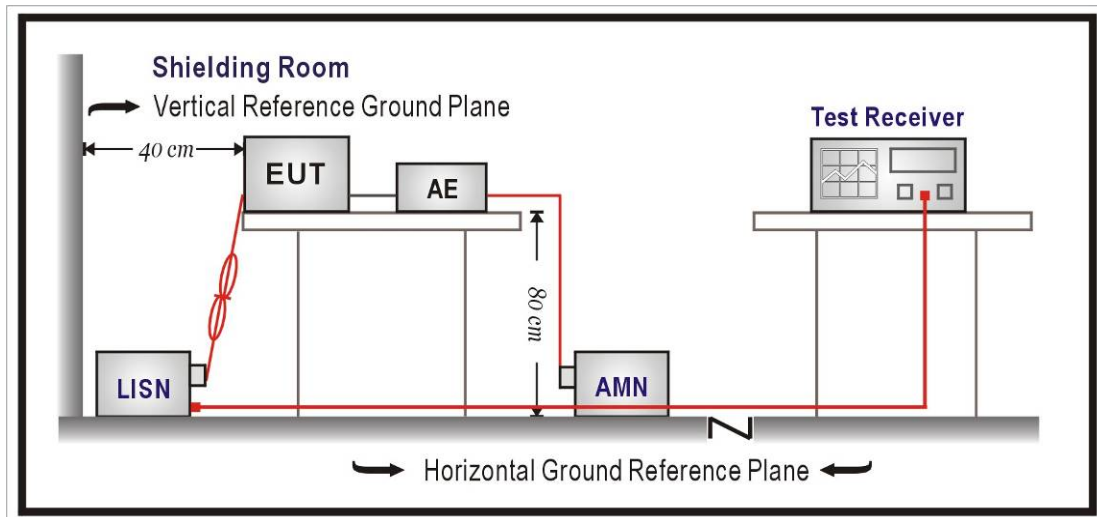
The following test equipment are used during the test:

Conducted Emission / SR2-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	2018/02/05
LISN	R&S	ENV216	100092	2017/08/16
Test Receiver	R&S	ESCS 30	836858/022	2018/01/14

Note: All equipment that need to calibrate are with calibration period of 1 year.

### 2.2. Test Setup



### 2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency MHz	QP	AV
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remark: In the above table, the tighter limit applies at the band edges.

### 2.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2013. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

### 2.5. Test Specification

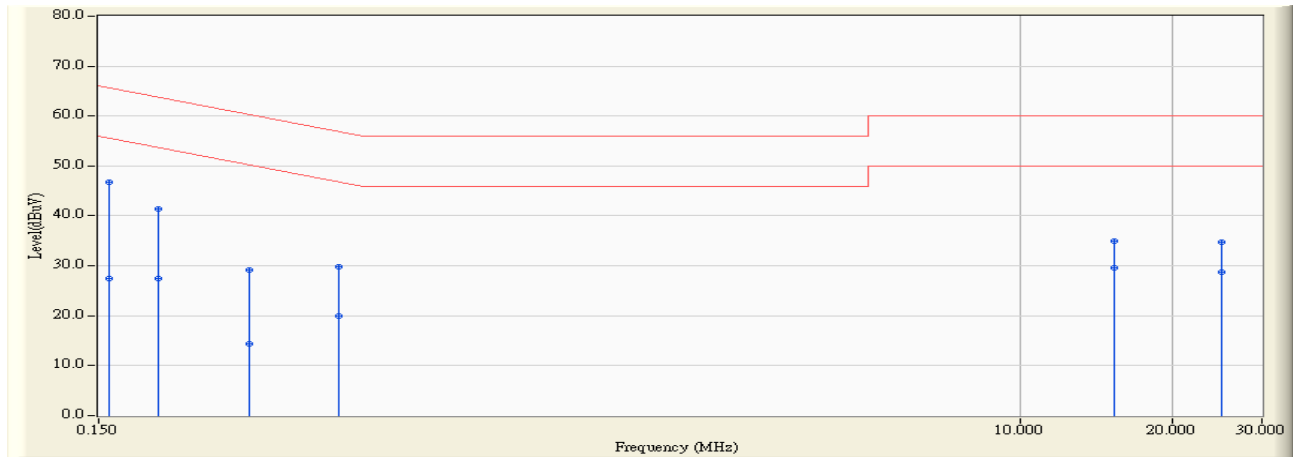
According to FCC Part 15 Subpart C Paragraph 15.207: 2015

### 2.6. Uncertainty

The measurement uncertainty is defined as  $\pm 2.26$  dB.

## 2.7. Test Result

Site : SR2-H	Time : 2017/07/05
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-H_LISN(16A)-6_0712 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC1700 Dual Band Gigabit Router	Note : Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ADP1_802.11ac(80M)_5210MHz

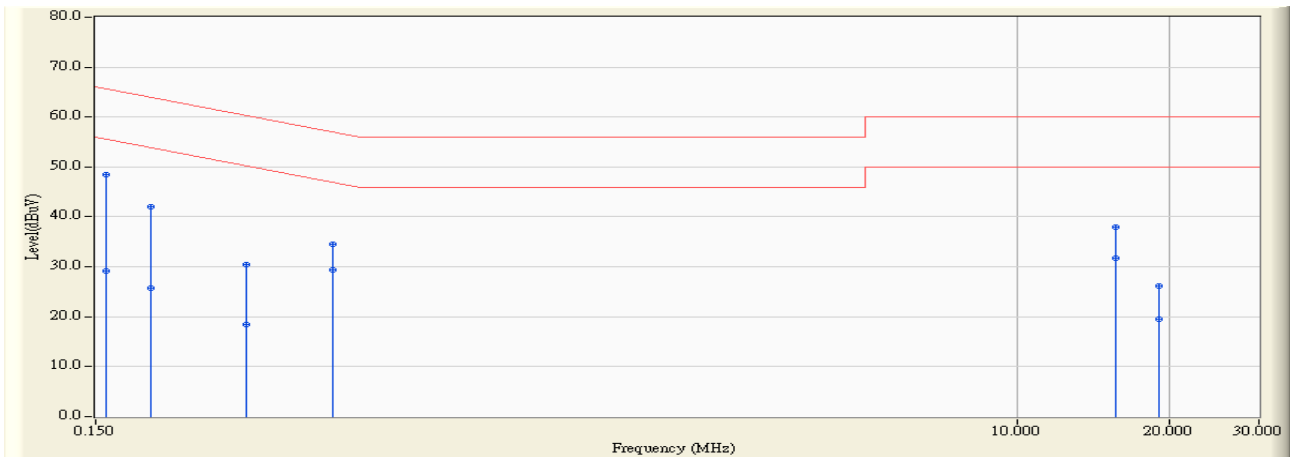


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.158	9.751	36.960	46.711	-18.867	65.578	QUASPEAK
2		0.158	9.751	17.790	27.541	-28.037	55.578	AVERAGE
3		0.197	9.750	31.630	41.380	-22.361	63.741	QUASPEAK
4		0.197	9.750	17.690	27.440	-26.301	53.741	AVERAGE
5		0.298	9.740	19.450	29.190	-31.096	60.286	QUASPEAK
6		0.298	9.740	4.540	14.280	-36.006	50.286	AVERAGE
7		0.447	9.729	20.010	29.739	-27.194	56.933	QUASPEAK
8		0.447	9.729	10.270	19.999	-26.934	46.933	AVERAGE
9		15.295	10.227	24.770	34.997	-25.003	60.000	QUASPEAK
10		15.295	10.227	19.400	29.627	-20.373	50.000	AVERAGE
11		24.959	10.320	24.520	34.840	-25.160	60.000	QUASPEAK
12		24.959	10.320	18.330	28.650	-21.350	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

<b>Site : SR2-H</b>	<b>Time : 2017/07/05</b>
<b>Limit : CISPR_B_00M_QP</b>	<b>Margin : 10</b>
<b>Probe : SR2-H_LISN(16A)-6_0712 - Line2</b>	<b>Power : AC 120V/60Hz</b>
<b>EUT : Wireless-AC1700 Dual Band Gigabit Router</b>	<b>Note : Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ADP1_802.11ac(80M)_5210MHz</b>

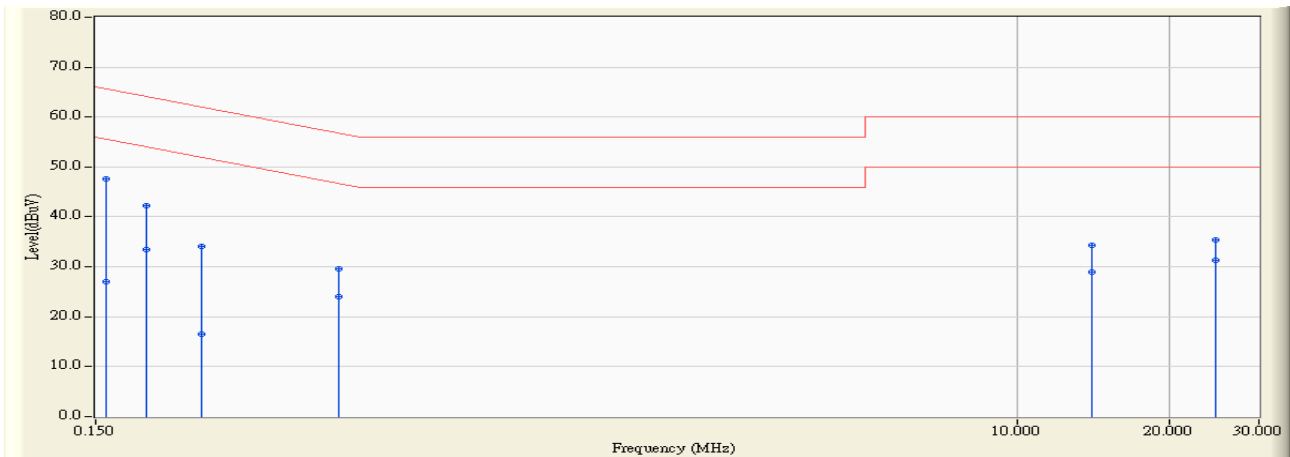


		<b>Frequency (MHz)</b>	<b>Correct Factor (dB)</b>	<b>Reading Level (dBuV)</b>	<b>Measure Level (dBuV)</b>	<b>Margin (dB)</b>	<b>Limit (dBuV)</b>	<b>Detector Type</b>
1	*	0.158	9.751	38.780	48.531	-17.047	65.578	QUASPEAK
2		0.158	9.751	19.420	29.171	-26.407	55.578	AVERAGE
3		0.193	9.751	32.350	42.101	-21.807	63.908	QUASPEAK
4		0.193	9.751	15.960	25.711	-28.197	53.908	AVERAGE
5		0.298	9.750	20.770	30.520	-29.766	60.286	QUASPEAK
6		0.298	9.750	8.700	18.450	-31.836	50.286	AVERAGE
7		0.443	9.748	24.790	34.538	-22.468	57.006	QUASPEAK
8		0.443	9.748	19.650	29.398	-17.608	47.006	AVERAGE
9		15.634	10.334	27.600	37.934	-22.066	60.000	QUASPEAK
10		15.634	10.334	21.460	31.794	-18.206	50.000	AVERAGE
11		18.986	10.462	15.700	26.161	-33.839	60.000	QUASPEAK
12		18.986	10.462	9.020	19.481	-30.519	50.000	AVERAGE

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

<b>Site : SR2-H</b>	<b>Time : 2017/07/05</b>
<b>Limit : CISPR_B_00M_QP</b>	<b>Margin : 10</b>
<b>Probe : SR2-H_LISN(16A)-6_0712 - Line1</b>	<b>Power : AC 120V/60Hz</b>
<b>EUT : Wireless-AC1700 Dual Band Gigabit Router</b>	<b>Note : Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ADP1_802.11ac(80M)_5775MHz</b>

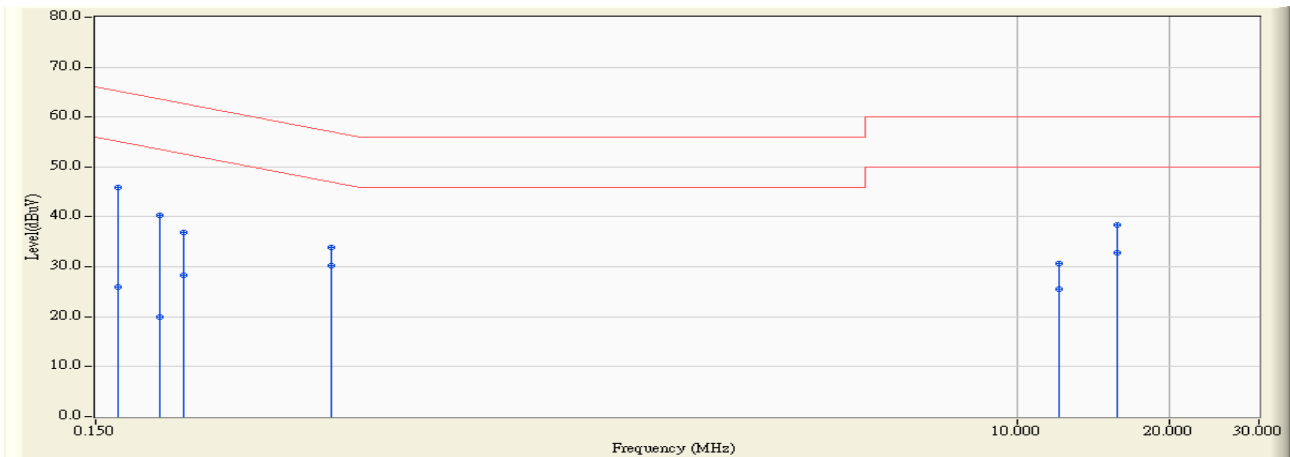


		<b>Frequency (MHz)</b>	<b>Correct Factor (dB)</b>	<b>Reading Level (dBuV)</b>	<b>Measure Level (dBuV)</b>	<b>Margin (dB)</b>	<b>Limit (dBuV)</b>	<b>Detector Type</b>
1	*	0.158	9.751	37.850	47.601	-17.977	65.578	QUASPEAK
2		0.158	9.751	17.370	27.121	-28.457	55.578	AVERAGE
3		0.189	9.751	32.410	42.161	-21.917	64.078	QUASPEAK
4		0.189	9.751	23.810	33.561	-20.517	54.078	AVERAGE
5		0.244	9.746	24.250	33.996	-27.972	61.967	QUASPEAK
6		0.244	9.746	6.800	16.546	-35.422	51.967	AVERAGE
7		0.455	9.729	19.960	29.689	-27.100	56.789	QUASPEAK
8		0.455	9.729	14.260	23.989	-22.800	46.789	AVERAGE
9		14.064	10.203	24.050	34.253	-25.747	60.000	QUASPEAK
10		14.064	10.203	18.730	28.933	-21.067	50.000	AVERAGE
11		24.712	10.321	25.140	35.461	-24.539	60.000	QUASPEAK
12		24.712	10.321	21.020	31.341	-18.659	50.000	AVERAGE

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

<b>Site : SR2-H</b>	<b>Time : 2017/07/05</b>
<b>Limit : CISPR_B_00M_QP</b>	<b>Margin : 10</b>
<b>Probe : SR2-H_LISN(16A)-6_0712 - Line2</b>	<b>Power : AC 120V/60Hz</b>
<b>EUT : Wireless-AC1700 Dual Band Gigabit Router</b>	<b>Note : Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ADP1_802.11ac(80M)_5775MHz</b>

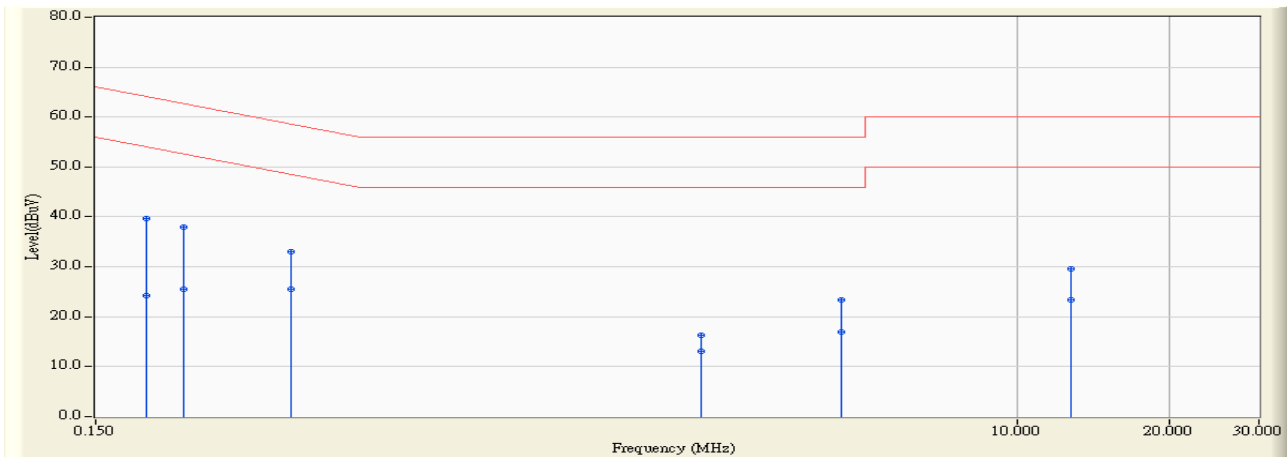


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	9.753	36.100	45.853	-19.324	65.177	QUASPEAK
2	0.166	9.753	16.100	25.853	-29.324	55.177	AVERAGE
3	0.201	9.751	30.540	40.291	-23.288	63.578	QUASPEAK
4	0.201	9.751	10.110	19.861	-33.718	53.578	AVERAGE
5	0.224	9.750	27.240	36.990	-25.671	62.661	QUASPEAK
6	0.224	9.750	18.590	28.340	-24.321	52.661	AVERAGE
7	0.439	9.748	24.170	33.918	-23.161	57.079	QUASPEAK
8	* 0.439	9.748	20.580	30.328	-16.751	47.079	AVERAGE
9	12.037	10.215	20.440	30.655	-29.345	60.000	QUASPEAK
10	12.037	10.215	15.210	25.425	-24.575	50.000	AVERAGE
11	15.732	10.338	27.980	38.318	-21.682	60.000	QUASPEAK
12	15.732	10.338	22.470	32.808	-17.192	50.000	AVERAGE

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

<b>Site : SR2-H</b>	<b>Time : 2017/07/20</b>
<b>Limit : CISPR_B_00M_QP</b>	<b>Margin : 10</b>
<b>Probe : SR2-H_LISN(16A)-6_0712 - Line1</b>	<b>Power : AC 120V/60Hz</b>
<b>EUT : Wireless-AC1700 Dual Band Gigabit Router</b>	<b>Note : Mode 4: TX_Beamforming Mode (11 n20/n40/ac80)_ADP2_802.11ac(80M)_5210MHz</b>



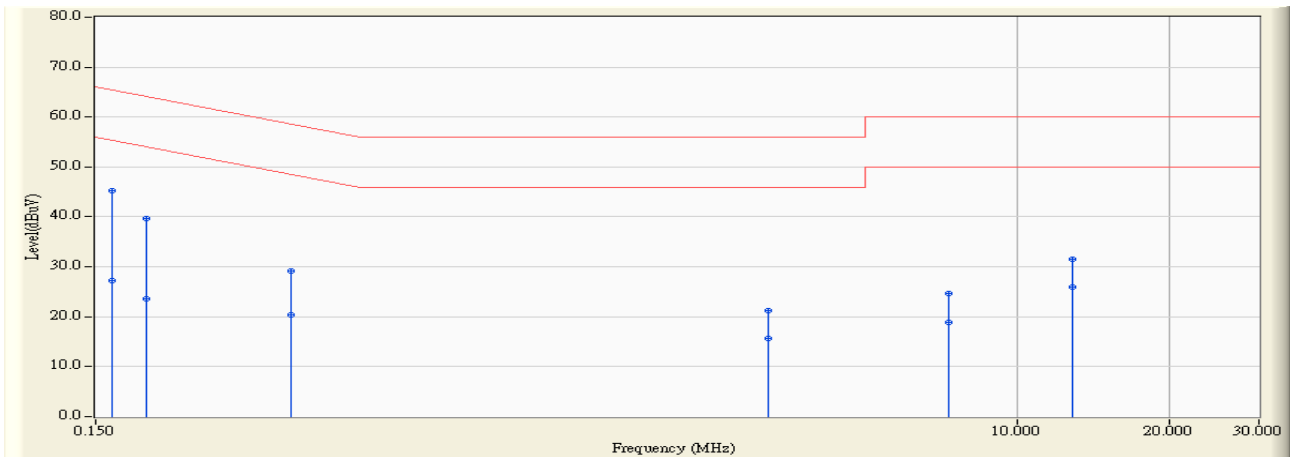
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.189	9.751	29.930	39.681	-24.397	64.078	QUASPEAK
2	0.189	9.751	14.420	24.171	-29.907	54.078	AVERAGE
3	0.224	9.748	28.290	38.038	-24.624	62.661	QUASPEAK
4	0.224	9.748	15.690	25.438	-27.224	52.661	AVERAGE
5	0.365	9.734	23.310	33.044	-25.574	58.617	QUASPEAK
6	*	9.734	15.720	25.454	-23.164	48.617	AVERAGE
7	2.357	9.871	6.380	16.251	-39.749	56.000	QUASPEAK
8	2.357	9.871	3.180	13.051	-32.949	46.000	AVERAGE
9	4.486	9.921	13.470	23.391	-32.609	56.000	QUASPEAK
10	4.486	9.921	7.030	16.951	-29.049	46.000	AVERAGE
11	12.748	10.179	19.480	29.659	-30.341	60.000	QUASPEAK
12	12.748	10.179	13.280	23.459	-26.541	50.000	AVERAGE

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.



<b>Site : SR2-H</b>	<b>Time : 2017/07/20</b>
<b>Limit : CISPR_B_00M_QP</b>	<b>Margin : 10</b>
<b>Probe : SR2-H_LISN(16A)-6_0712 - Line2</b>	<b>Power : AC 120V/60Hz</b>
<b>EUT : Wireless-AC1700 Dual Band Gigabit Router</b>	<b>Note : Mode 4: TX_Beamforming Mode (11 n20/n40/ac80)_ADP2_802.11ac(80M)_5210MHz</b>

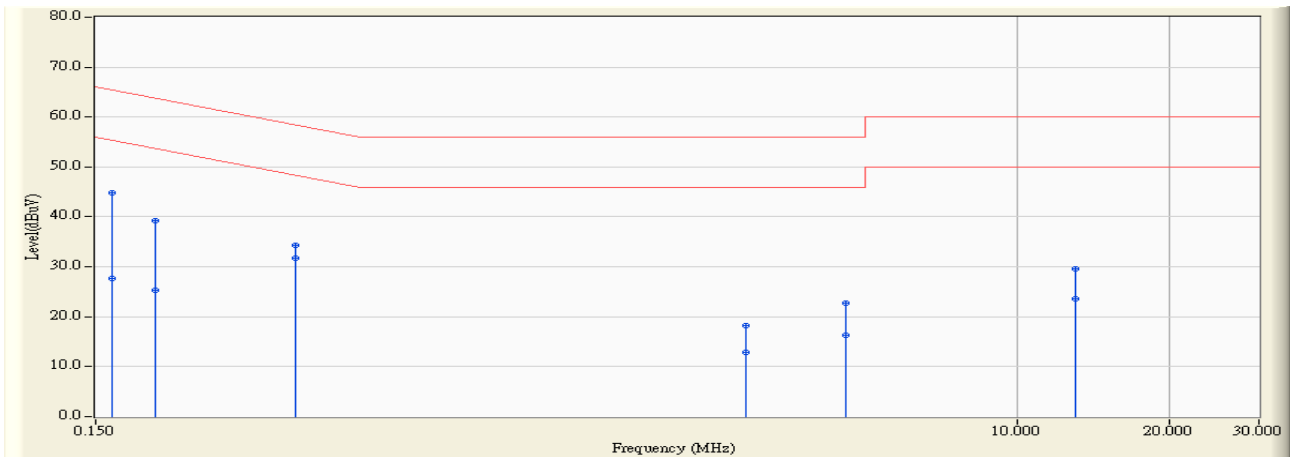


		<b>Frequency (MHz)</b>	<b>Correct Factor (dB)</b>	<b>Reading Level (dBuV)</b>	<b>Measure Level (dBuV)</b>	<b>Margin (dB)</b>	<b>Limit (dBuV)</b>	<b>Detector Type</b>
1	*	0.162	9.754	35.400	45.154	-20.221	65.375	QUASPEAK
2		0.162	9.754	17.490	27.244	-28.131	55.375	AVERAGE
3		0.189	9.751	29.970	39.721	-24.357	64.078	QUASPEAK
4		0.189	9.751	13.790	23.541	-30.537	54.078	AVERAGE
5		0.365	9.750	19.370	29.120	-29.497	58.617	QUASPEAK
6		0.365	9.750	10.580	20.330	-28.287	48.617	AVERAGE
7		3.209	9.844	11.360	21.204	-34.796	56.000	QUASPEAK
8		3.209	9.844	5.910	15.754	-30.246	46.000	AVERAGE
9		7.314	9.994	14.650	24.643	-35.357	60.000	QUASPEAK
10		7.314	9.994	8.780	18.773	-31.227	50.000	AVERAGE
11		12.806	10.240	21.370	31.610	-28.390	60.000	QUASPEAK
12		12.806	10.240	15.710	25.950	-24.050	50.000	AVERAGE

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

<b>Site : SR2-H</b>	<b>Time : 2017/07/20</b>
<b>Limit : CISPR_B_00M_QP</b>	<b>Margin : 10</b>
<b>Probe : SR2-H_LISN(16A)-6_0712 - Line1</b>	<b>Power : AC 120V/60Hz</b>
<b>EUT : Wireless-AC1700 Dual Band Gigabit Router</b>	<b>Note : Mode 4: TX_Beamforming Mode (11 n20/n40/ac80)_ADP2_802.11ac(80M)_5775MHz</b>

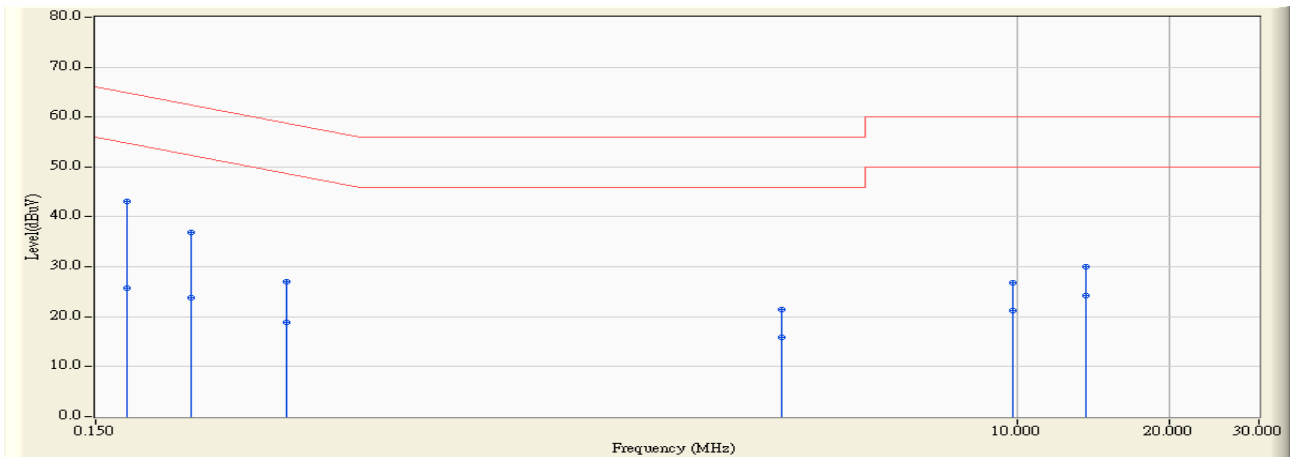


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.162	9.754	35.050	44.804	-20.571	65.375	QUASPEAK
2	0.162	9.754	17.820	27.574	-27.801	55.375	AVERAGE
3	0.197	9.750	29.510	39.260	-24.481	63.741	QUASPEAK
4	0.197	9.750	15.650	25.400	-28.341	53.741	AVERAGE
5	0.373	9.733	24.640	34.373	-24.069	58.442	QUASPEAK
6	*	9.733	21.980	31.713	-16.729	48.442	AVERAGE
7	2.892	9.887	8.320	18.207	-37.793	56.000	QUASPEAK
8	2.892	9.887	2.980	12.867	-33.133	46.000	AVERAGE
9	4.568	9.921	12.880	22.801	-33.199	56.000	QUASPEAK
10	4.568	9.921	6.420	16.341	-29.659	46.000	AVERAGE
11	13.021	10.184	19.510	29.694	-30.306	60.000	QUASPEAK
12	13.021	10.184	13.400	23.584	-26.416	50.000	AVERAGE

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

<b>Site : SR2-H</b>	<b>Time : 2017/07/20</b>
<b>Limit : CISPR_B_00M_QP</b>	<b>Margin : 10</b>
<b>Probe : SR2-H_LISN(16A)-6_0712 - Line2</b>	<b>Power : AC 120V/60Hz</b>
<b>EUT : Wireless-AC1700 Dual Band Gigabit Router</b>	<b>Note : Mode 4: TX_Beamforming Mode (11 n20/n40/ac80)_ADP2_802.11ac(80M)_5775MHz</b>

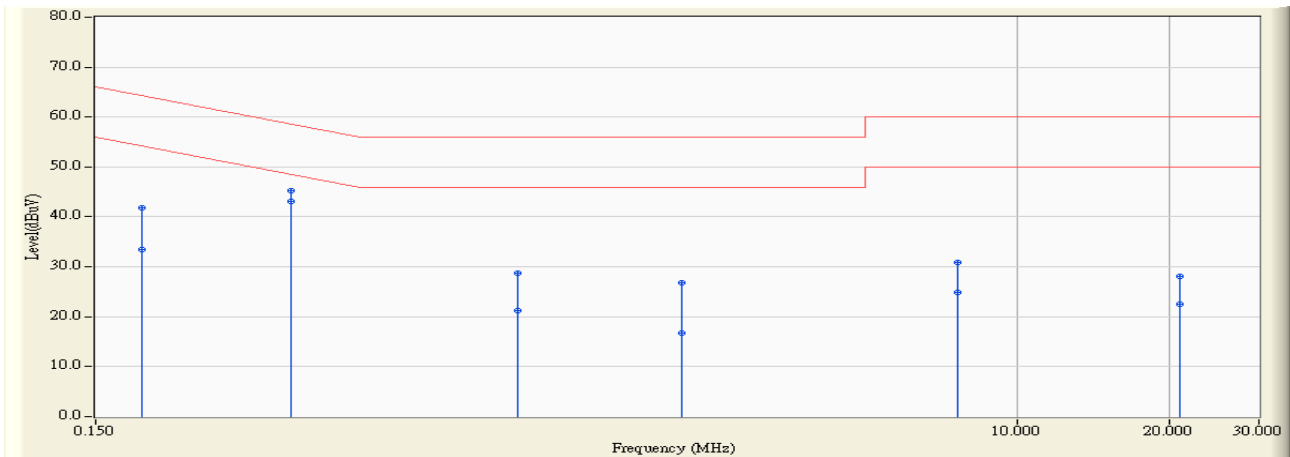


		<b>Frequency (MHz)</b>	<b>Correct Factor (dB)</b>	<b>Reading Level (dBuV)</b>	<b>Measure Level (dBuV)</b>	<b>Margin (dB)</b>	<b>Limit (dBuV)</b>	<b>Detector Type</b>
1	*	0.173	9.753	33.450	43.203	-21.591	64.794	QUASPEAK
2		0.173	9.753	15.930	25.683	-29.111	54.794	AVERAGE
3		0.232	9.750	27.160	36.910	-25.467	62.377	QUASPEAK
4		0.232	9.750	14.000	23.750	-28.627	52.377	AVERAGE
5		0.357	9.750	17.220	26.970	-31.827	58.797	QUASPEAK
6		0.357	9.750	9.210	18.960	-29.837	48.797	AVERAGE
7		3.412	9.843	11.540	21.383	-34.617	56.000	QUASPEAK
8		3.412	9.843	6.060	15.903	-30.097	46.000	AVERAGE
9		9.771	10.137	16.690	26.827	-33.173	60.000	QUASPEAK
10		9.771	10.137	11.000	21.137	-28.863	50.000	AVERAGE
11		13.627	10.267	19.810	30.076	-29.924	60.000	QUASPEAK
12		13.627	10.267	13.890	24.156	-25.844	50.000	AVERAGE

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2-H	Time : 2017/07/20
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-H_LISN(16A)-6_0712 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC1700 Dual Band Gigabit Router	Note : Mode 6: TX_Beamforming Mode (11 n20/n40/ac80)_ADP3_802.11ac(80M)_5210MHz

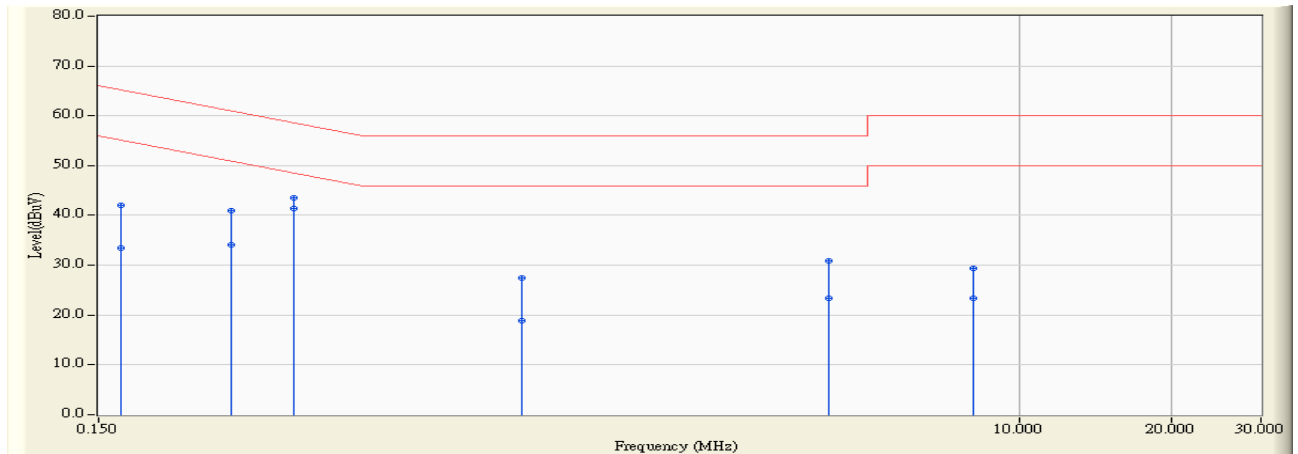


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.185	9.751	32.120	41.871	-22.380	64.251	QUASPEAK
2	0.185	9.751	23.610	33.361	-20.890	54.251	AVERAGE
3	0.365	9.734	35.510	45.244	-13.374	58.617	QUASPEAK
4	* 0.365	9.734	33.480	43.214	-5.404	48.617	AVERAGE
5	1.029	9.821	18.820	28.641	-27.359	56.000	QUASPEAK
6	1.029	9.821	11.440	21.261	-24.739	46.000	AVERAGE
7	2.166	9.865	17.030	26.895	-29.105	56.000	QUASPEAK
8	2.166	9.865	6.860	16.725	-29.275	46.000	AVERAGE
9	7.599	10.030	20.940	30.970	-29.030	60.000	QUASPEAK
10	7.599	10.030	14.940	24.970	-25.030	50.000	AVERAGE
11	20.974	10.336	17.860	28.196	-31.804	60.000	QUASPEAK
12	20.974	10.336	12.180	22.516	-27.484	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2-H	Time : 2017/07/20
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-H_LISN(16A)-6_0712 - Line2	Power : AC 120V/60Hz
EUT : Wireless-AC1700 Dual Band Gigabit Router	Note : Mode 6: TX_Beamforming Mode (11 n20/n40/ac80)_ADP3_802.11ac(80M)_5210MHz

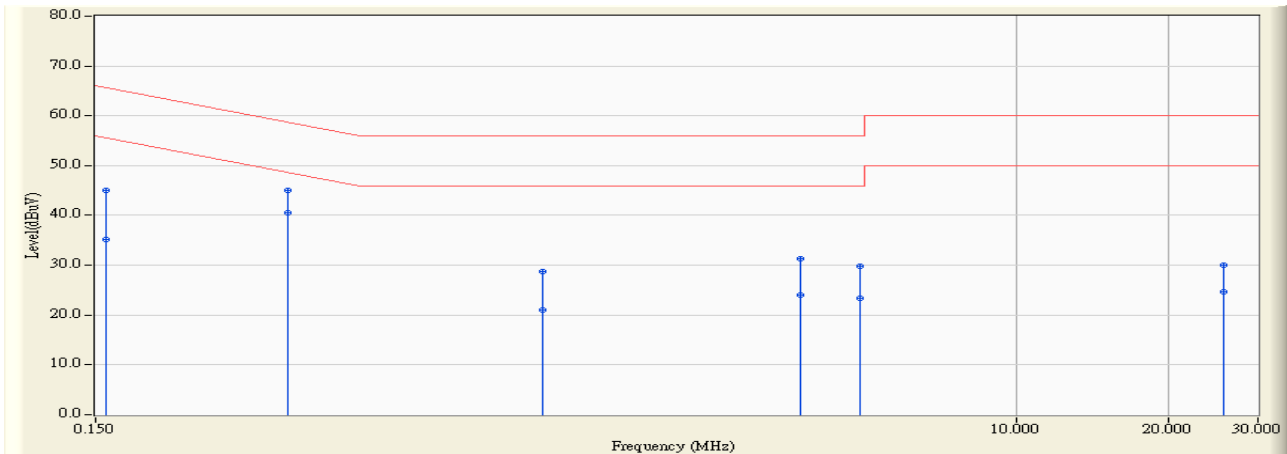


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	9.753	32.330	42.083	-23.094	65.177	QUASPEAK
2	0.166	9.753	23.620	33.373	-21.804	55.177	AVERAGE
3	0.275	9.750	31.110	40.860	-20.106	60.966	QUASPEAK
4	0.275	9.750	24.440	34.190	-16.776	50.966	AVERAGE
5	0.365	9.750	33.740	43.490	-15.127	58.617	QUASPEAK
6	* 0.365	9.750	31.710	41.460	-7.157	48.617	AVERAGE
7	1.033	9.821	17.640	27.461	-28.539	56.000	QUASPEAK
8	1.033	9.821	9.160	18.981	-27.019	46.000	AVERAGE
9	4.177	9.843	21.140	30.983	-25.017	56.000	QUASPEAK
10	4.177	9.843	13.550	23.393	-22.607	46.000	AVERAGE
11	8.060	10.036	19.290	29.327	-30.673	60.000	QUASPEAK
12	8.060	10.036	13.250	23.287	-26.713	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2-H	Time : 2017/07/20
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-H_LISN(16A)-6_0712 - Line1	Power : AC 120V/60Hz
EUT : Wireless-AC1700 Dual Band Gigabit Router	Note : Mode 6: TX_Beamforming Mode (11 n20/n40/ac80)_ADP3_802.11ac(80M)_5775MHz

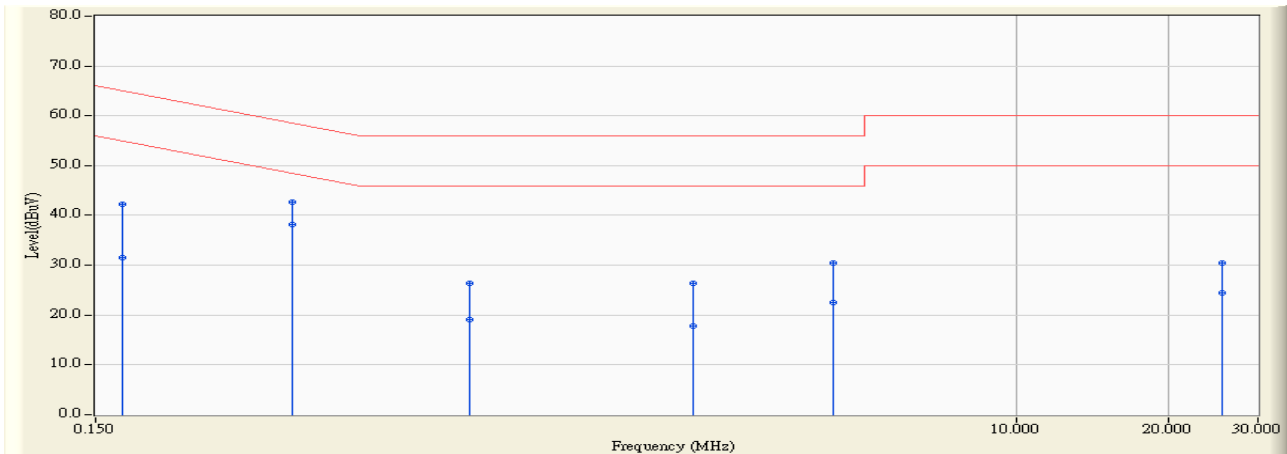


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.158	9.751	35.240	44.991	-20.587	65.578	QUASPEAK
2	0.158	9.751	25.390	35.141	-20.437	55.578	AVERAGE
3	0.361	9.734	35.280	45.014	-13.693	58.707	QUASPEAK
4	* 0.361	9.734	30.790	40.524	-8.183	48.707	AVERAGE
5	1.154	9.826	18.950	28.776	-27.224	56.000	QUASPEAK
6	1.154	9.826	11.130	20.956	-25.044	46.000	AVERAGE
7	3.720	9.912	21.410	31.322	-24.678	56.000	QUASPEAK
8	3.720	9.912	14.130	24.042	-21.958	46.000	AVERAGE
9	4.877	9.921	19.840	29.761	-26.239	56.000	QUASPEAK
10	4.877	9.921	13.360	23.281	-22.719	46.000	AVERAGE
11	25.662	10.326	19.750	30.077	-29.923	60.000	QUASPEAK
12	25.662	10.326	14.310	24.637	-25.363	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

<b>Site : SR2-H</b>	<b>Time : 2017/07/20</b>
<b>Limit : CISPR_B_00M_QP</b>	<b>Margin : 10</b>
<b>Probe : SR2-H_LISN(16A)-6_0712 - Line2</b>	<b>Power : AC 120V/60Hz</b>
<b>EUT : Wireless-AC1700 Dual Band Gigabit Router</b>	<b>Note : Mode 6: TX_Beamforming Mode (11 n20/n40/ac80)_ADP3_802.11ac(80M)_5775MHz</b>



	<b>Frequency (MHz)</b>	<b>Correct Factor (dB)</b>	<b>Reading Level (dBuV)</b>	<b>Measure Level (dBuV)</b>	<b>Margin (dB)</b>	<b>Limit (dBuV)</b>	<b>Detector Type</b>
1	0.170	9.753	32.540	42.293	-22.690	64.983	QUASPEAK
2	0.170	9.753	21.700	31.453	-23.530	54.983	AVERAGE
3	0.369	9.750	32.930	42.680	-15.849	58.529	QUASPEAK
4	* 0.369	9.750	28.440	38.190	-10.339	48.529	AVERAGE
5	0.826	9.794	16.550	26.344	-29.656	56.000	QUASPEAK
6	0.826	9.794	9.350	19.144	-26.856	46.000	AVERAGE
7	2.283	9.849	16.450	26.299	-29.701	56.000	QUASPEAK
8	2.283	9.849	8.050	17.899	-28.101	46.000	AVERAGE
9	4.318	9.846	20.710	30.556	-25.444	56.000	QUASPEAK
10	4.318	9.846	12.760	22.606	-23.394	46.000	AVERAGE
11	25.451	10.545	19.900	30.445	-29.555	60.000	QUASPEAK
12	25.451	10.545	13.940	24.485	-25.515	50.000	AVERAGE

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

### 3. 99% & 20dB & DTS Bandwidth

#### 3.1. Test Equipment

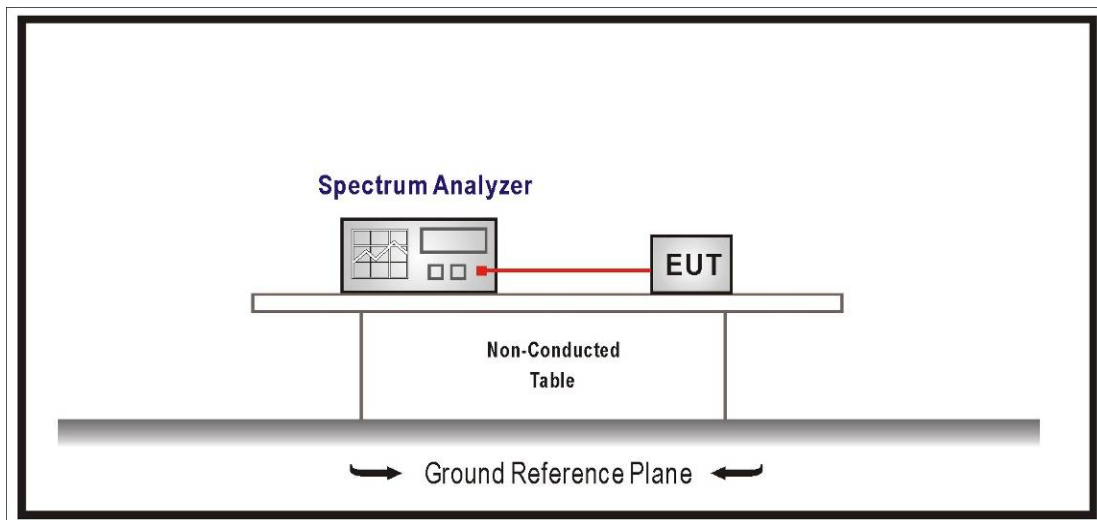
The following test equipment are used during the radiated emission tests:

99%& 26dB & DTS Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2016/08/23

Note: All equipment that need to calibrate are with calibration period of 1 year.

#### 3.2. Test Setup



#### 3.3. Limits

99% & 26dB Bandwidth : No Required

6dB Bandwidth  $\geq$  500KHz

#### 3.4. Test Procedure

99% & 26dB Bandwidth :

The EUT was tested according to U-NII test procedure of KDB 789033.

Set RBW 1% of the emission bandwidth, VBW equal to 3 times the RBW.

DTS Bandwidth :

Set RBW = 100KHz, VBW  $\geq$  3xRBW, Sweep time=Auto, Set Peak detector.

#### 3.5. Uncertainty

The measurement uncertainty is defined as  $\pm 150$ Hz

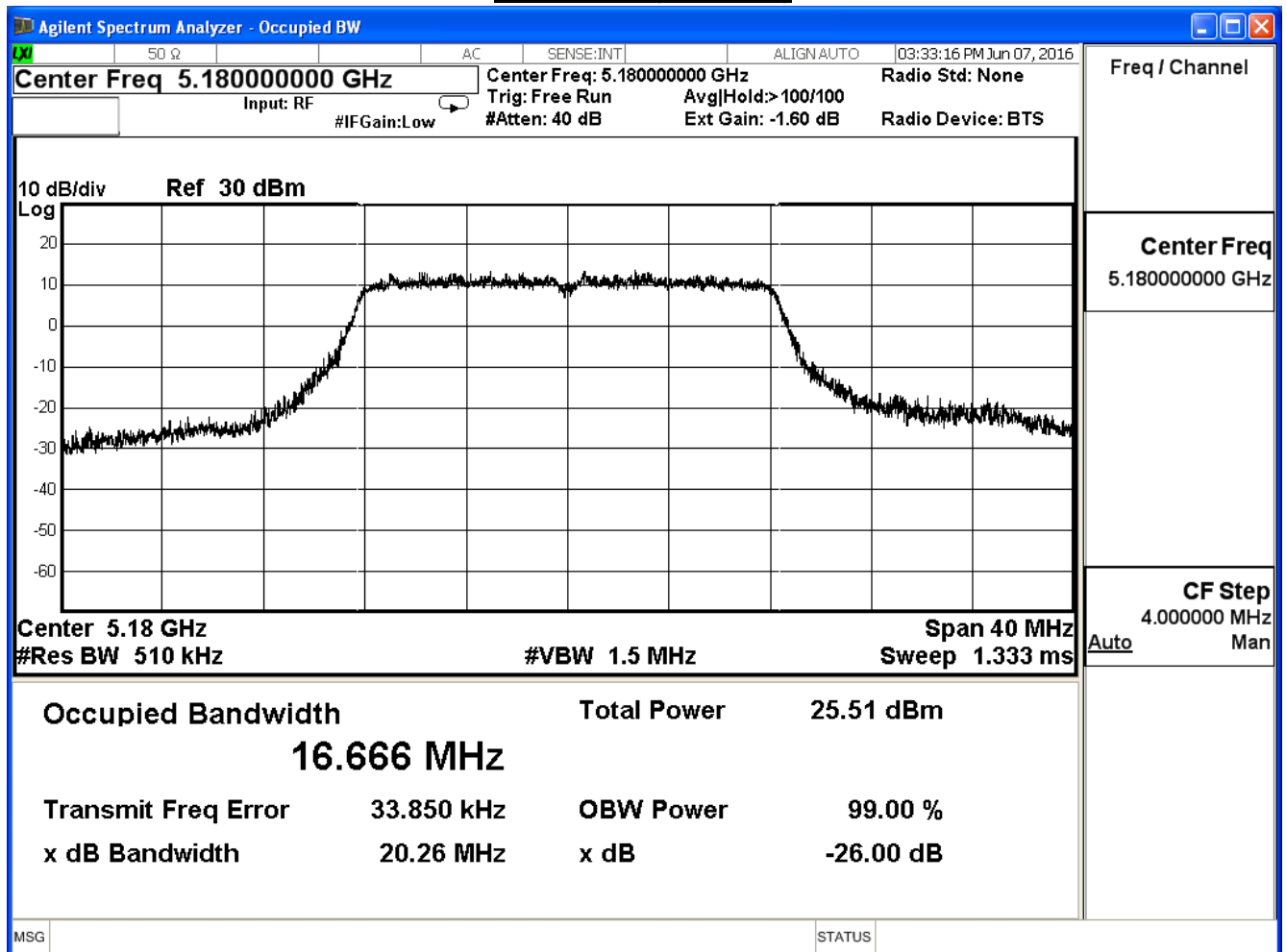


### 3.6. Test Result

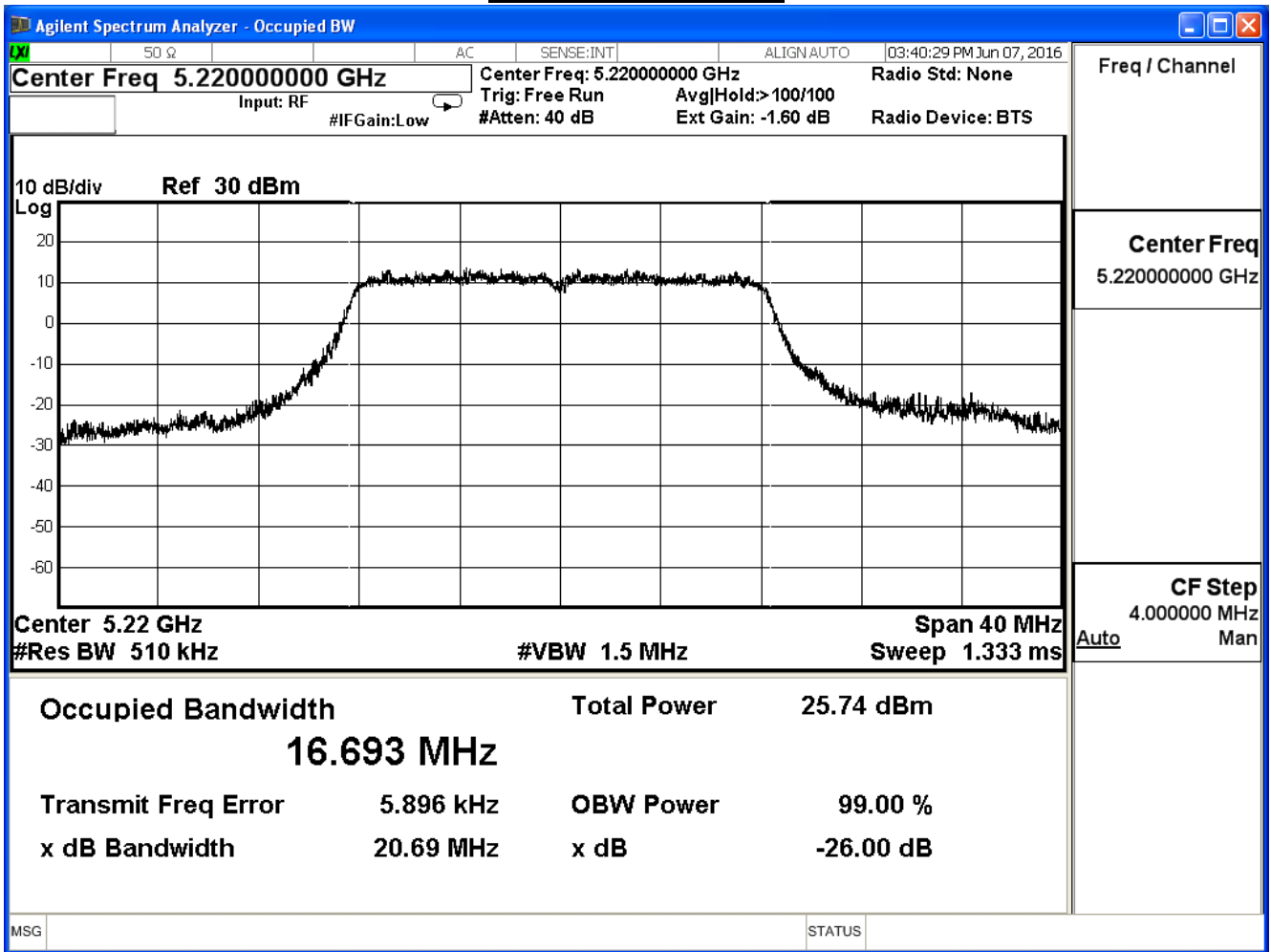
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11a (ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
36	5180	20.26	16.666	--	Pass
44	5220	20.69	16.693	--	Pass
48	5240	20.77	16.710	--	Pass

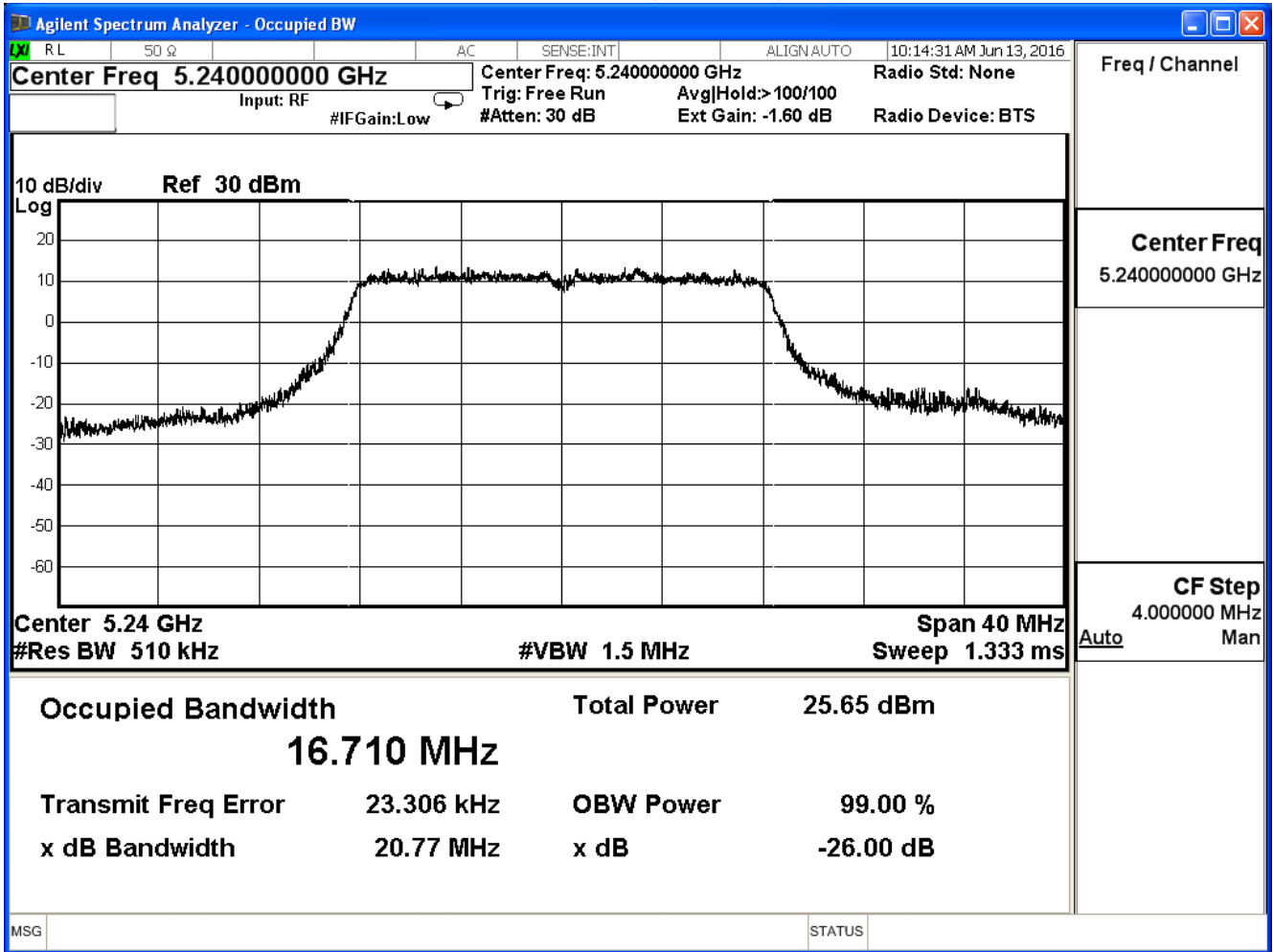
#### Channel 36 (5180MHz)



**Channel 44 (5220MHz)**



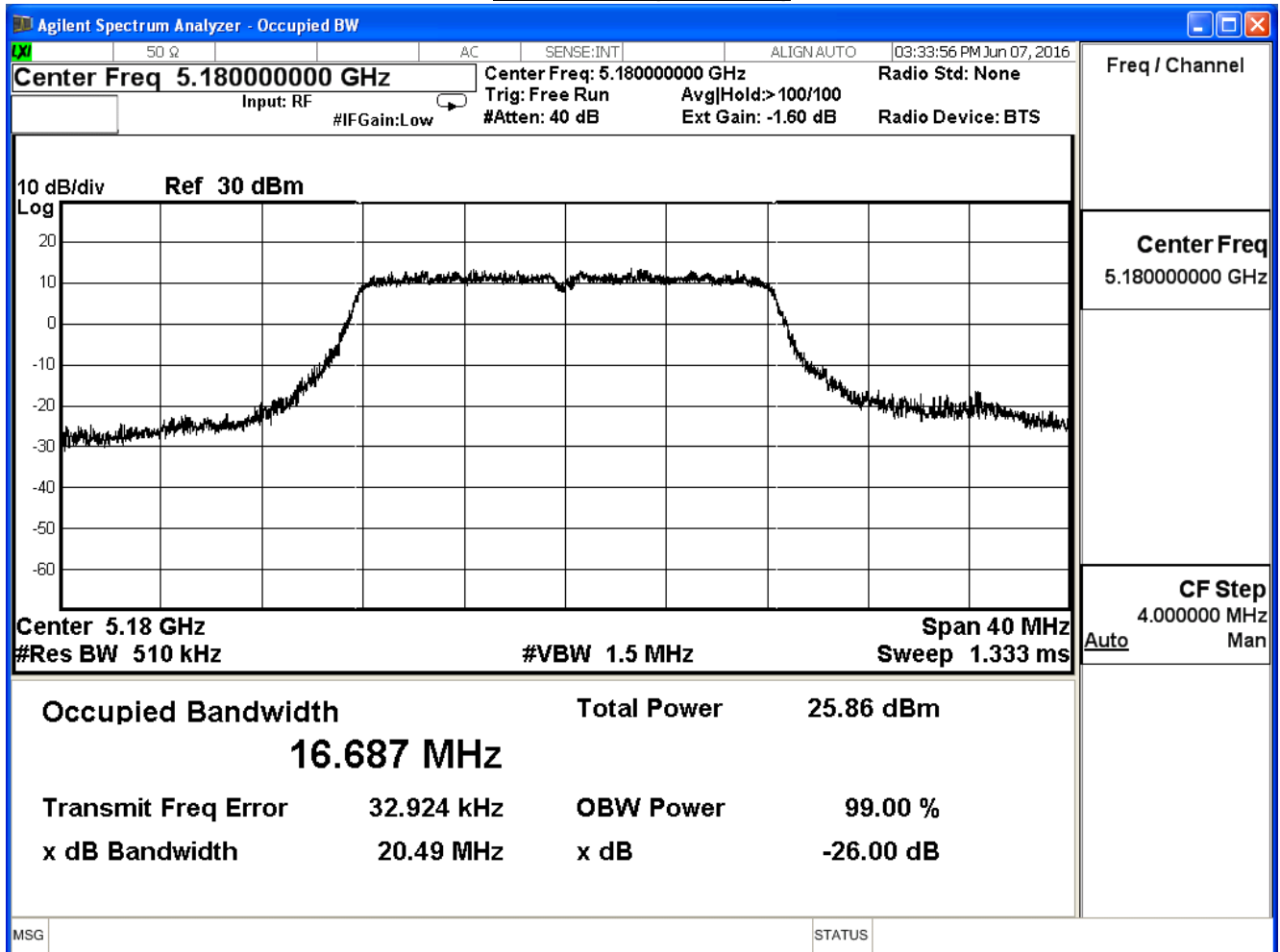
**Channel 48 (5240MHz)**



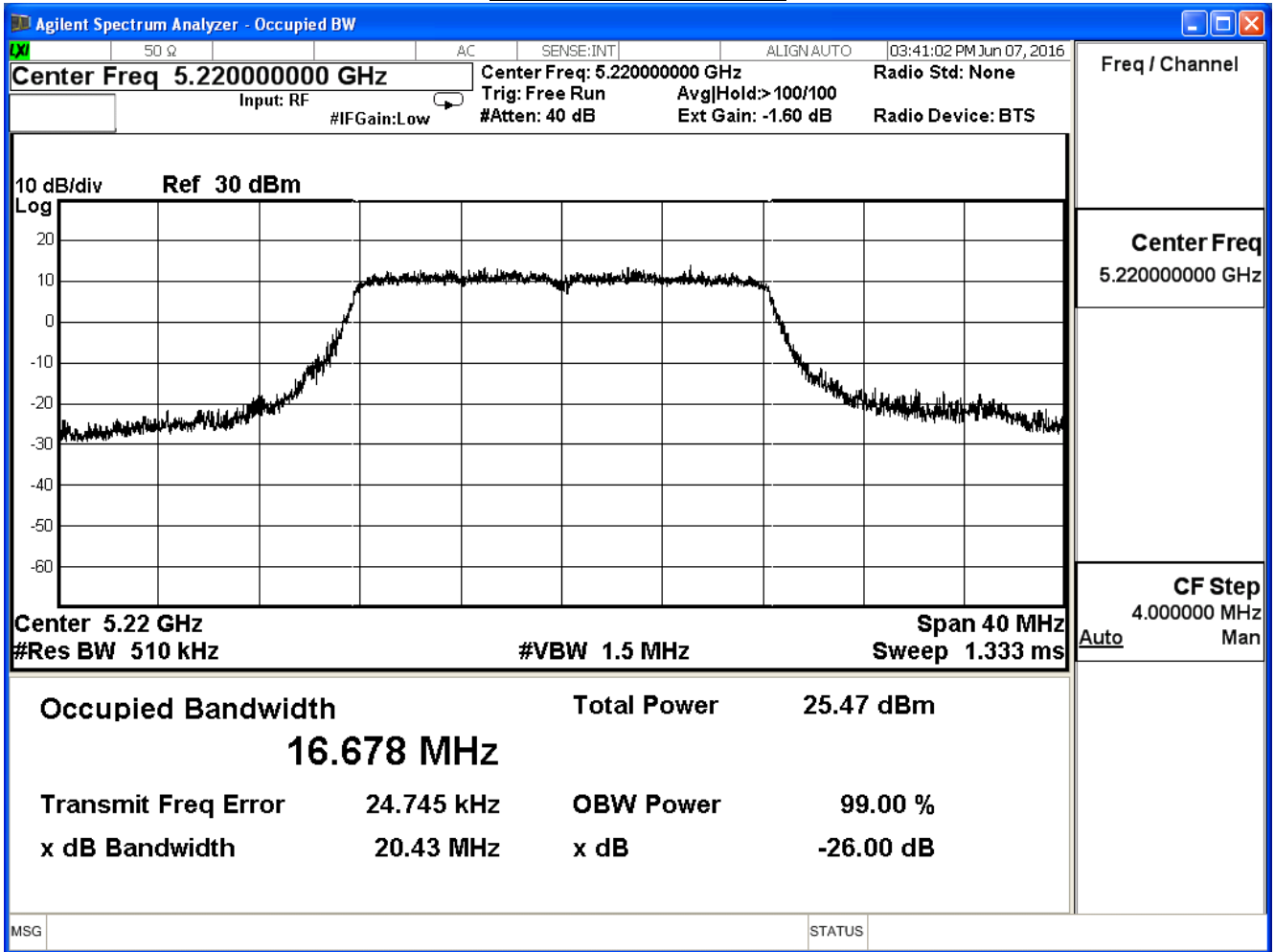
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11a (ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
36	5180	20.49	16.687	--	Pass
44	5220	20.43	16.678	--	Pass
48	5240	20.98	16.782	--	Pass

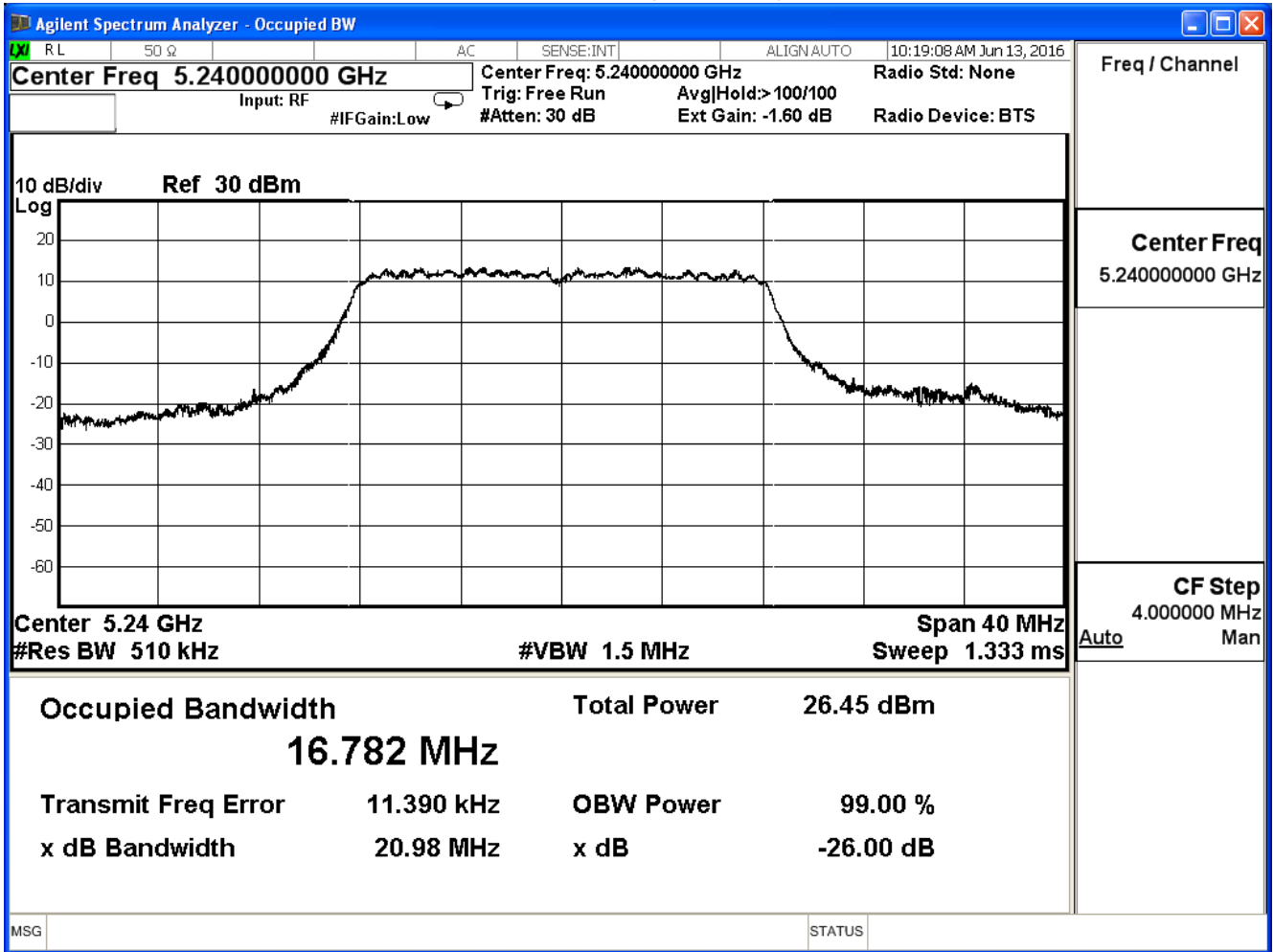
**Channel 36 (5180MHz)**



**Channel 44 (5220MHz)**



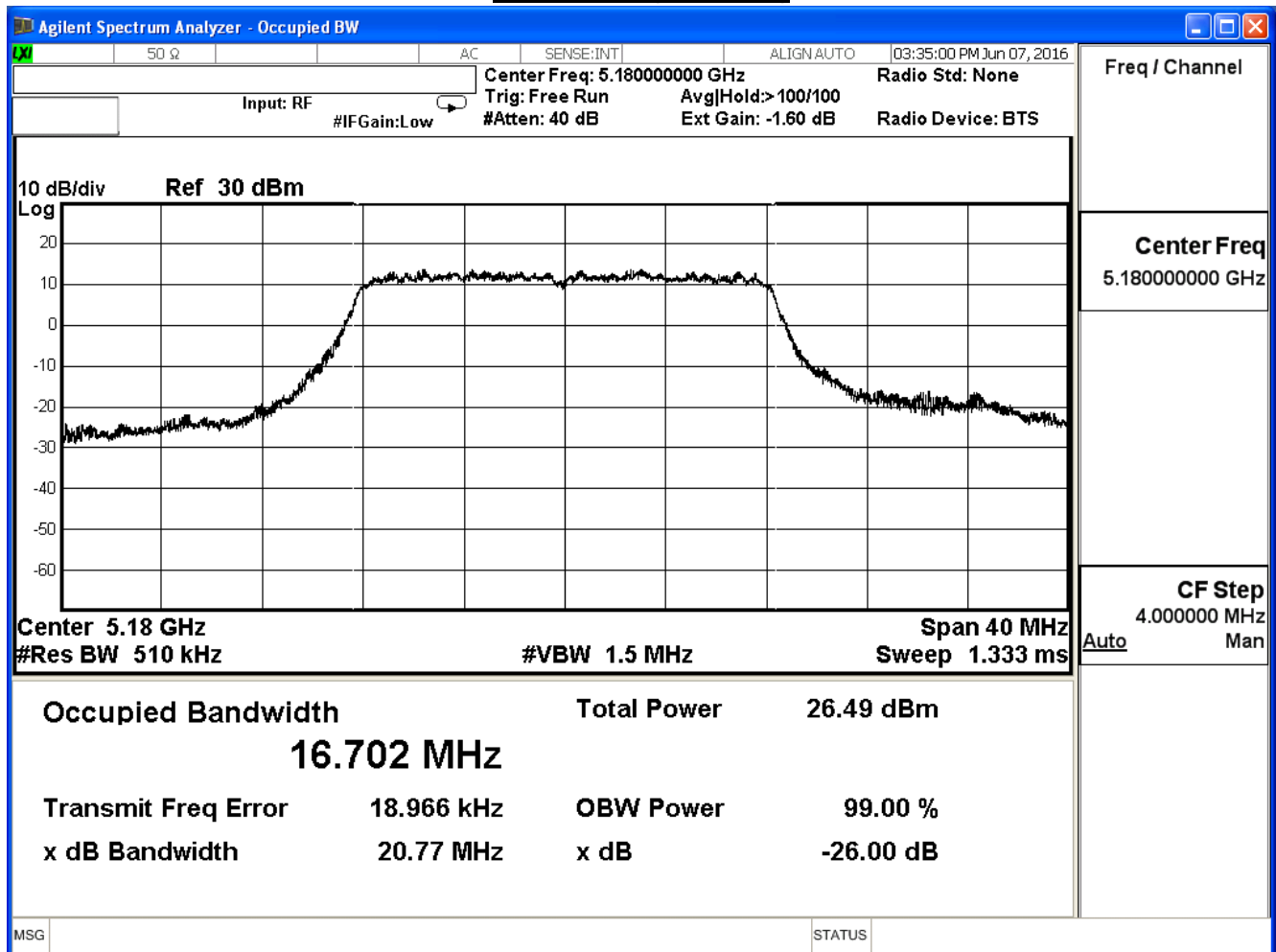
### Channel 48 (5240MHz)



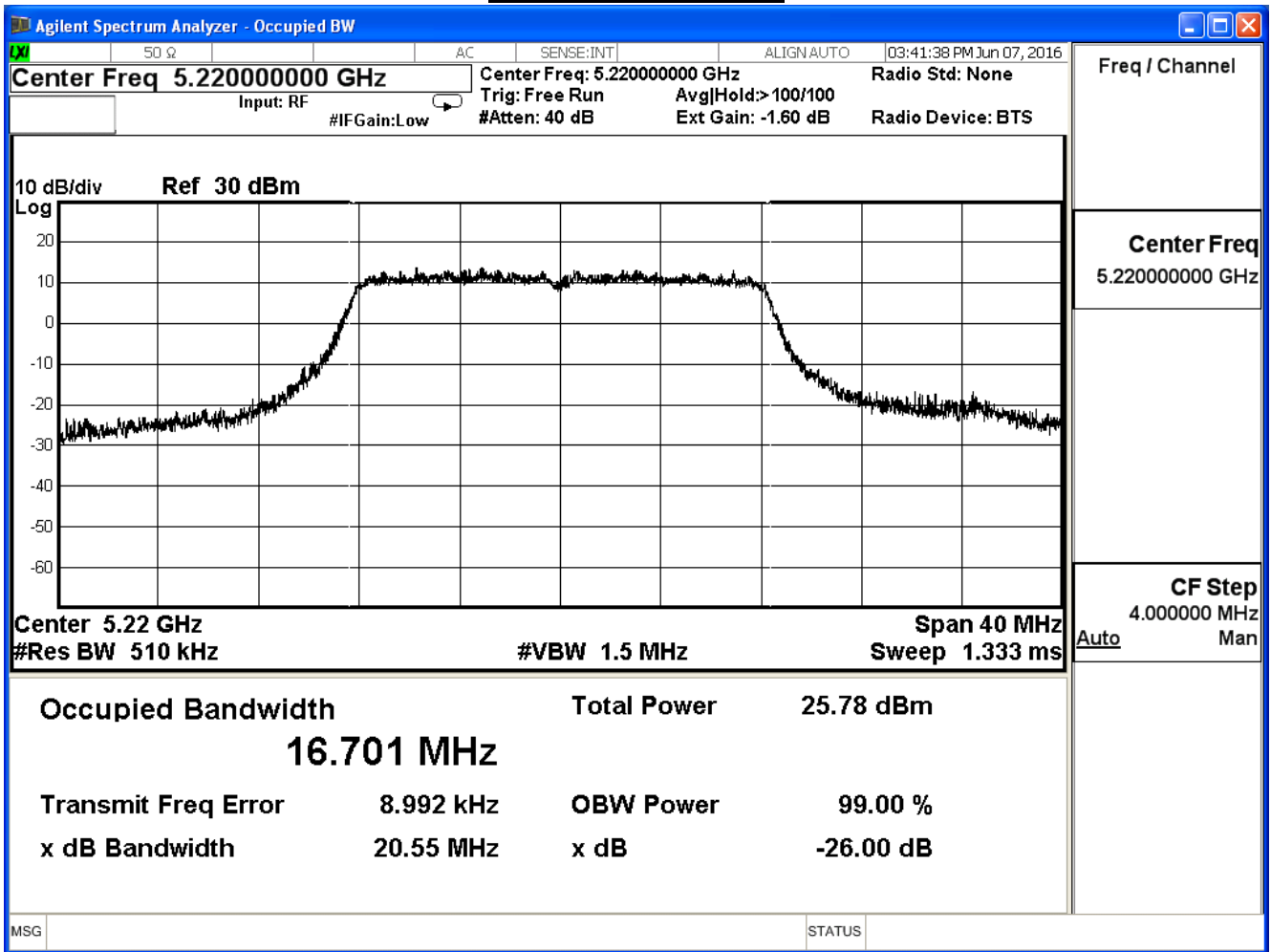
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11a (ANT 2)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
36	5180	20.77	16.702	--	Pass
44	5220	20.55	16.701	--	Pass
48	5240	20.87	16.766	--	Pass

**Channel 36 (5180MHz)**

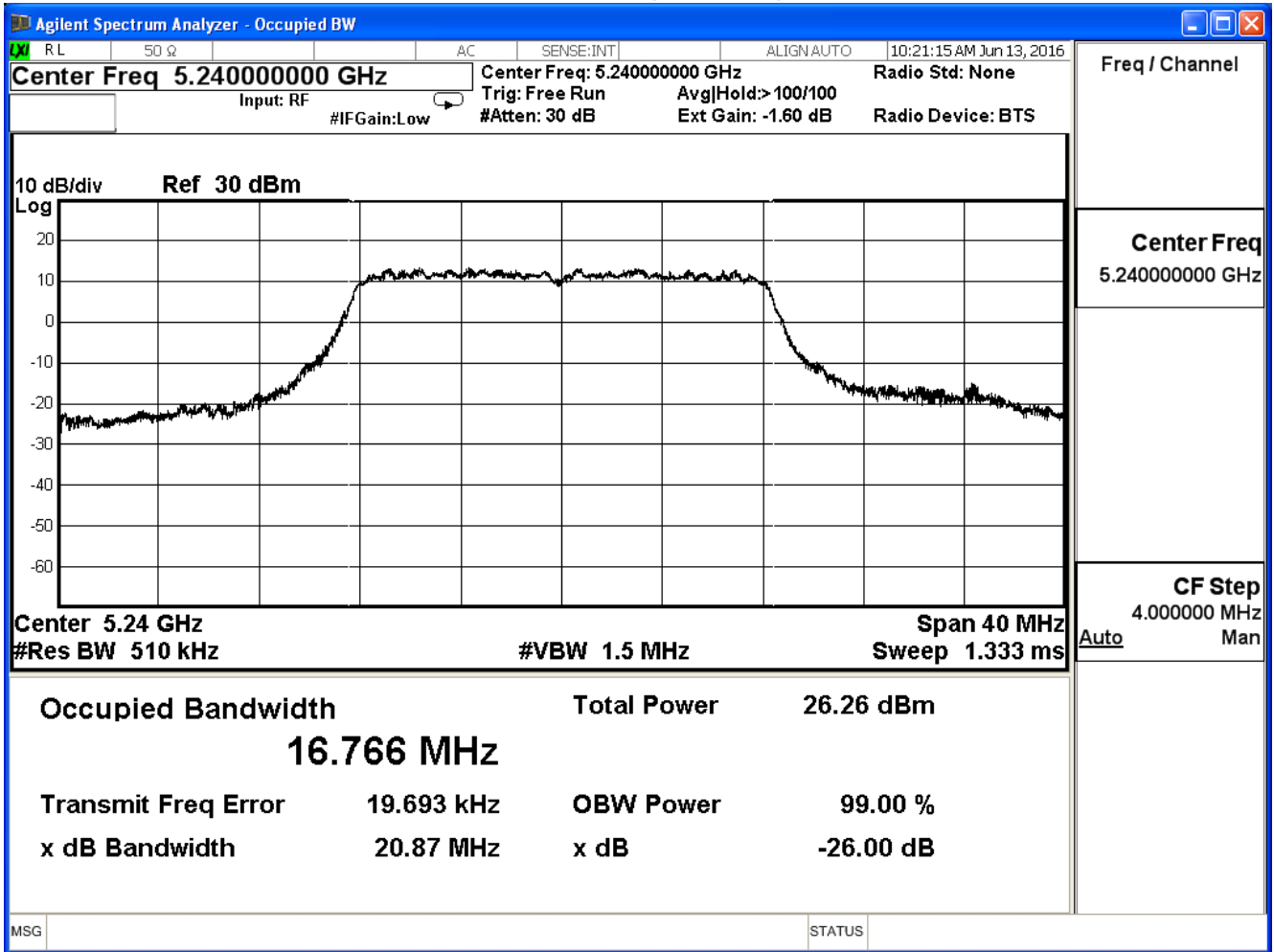


**Channel 44 (5220MHz)**





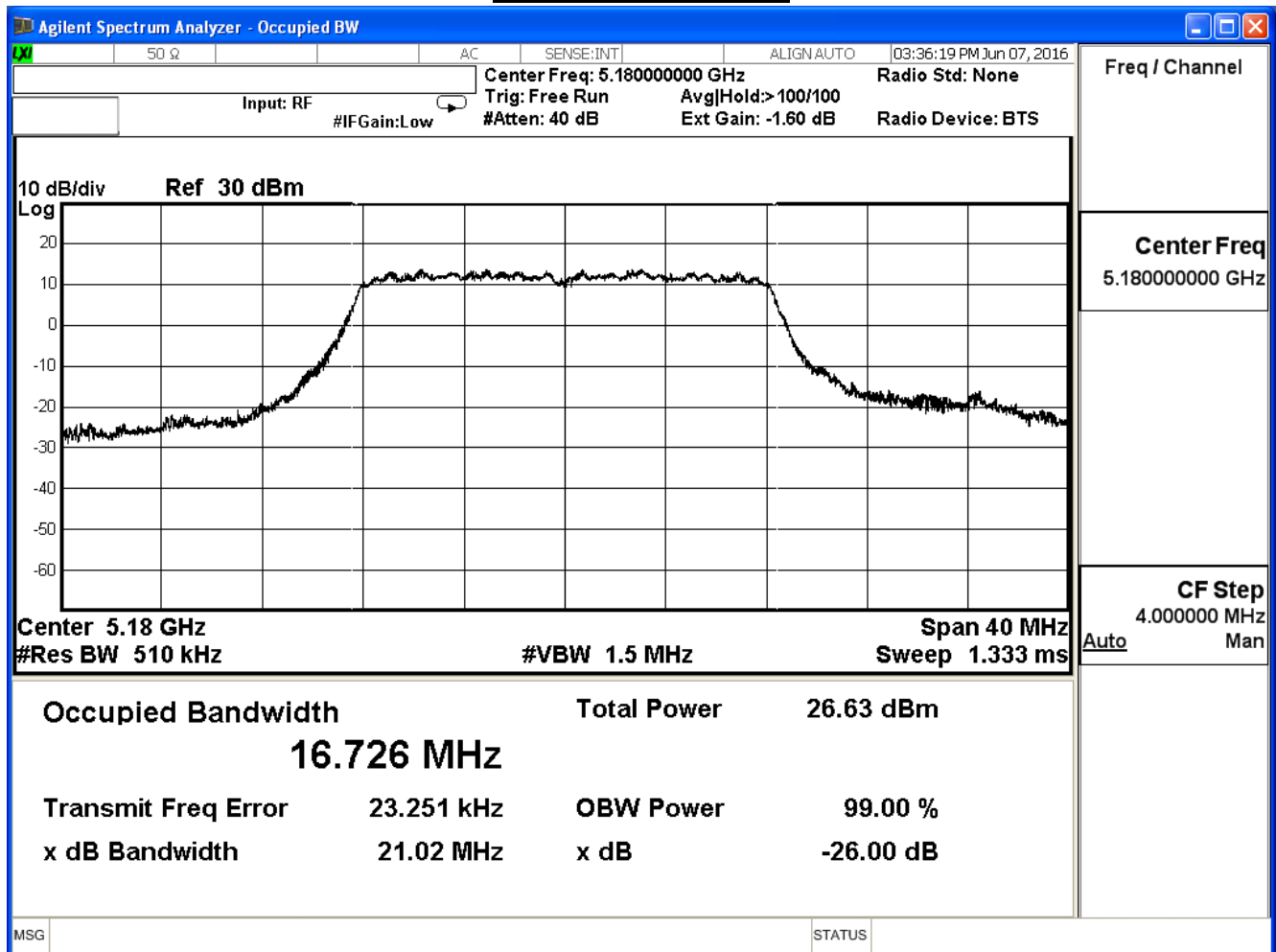
### Channel 48 (5240MHz)



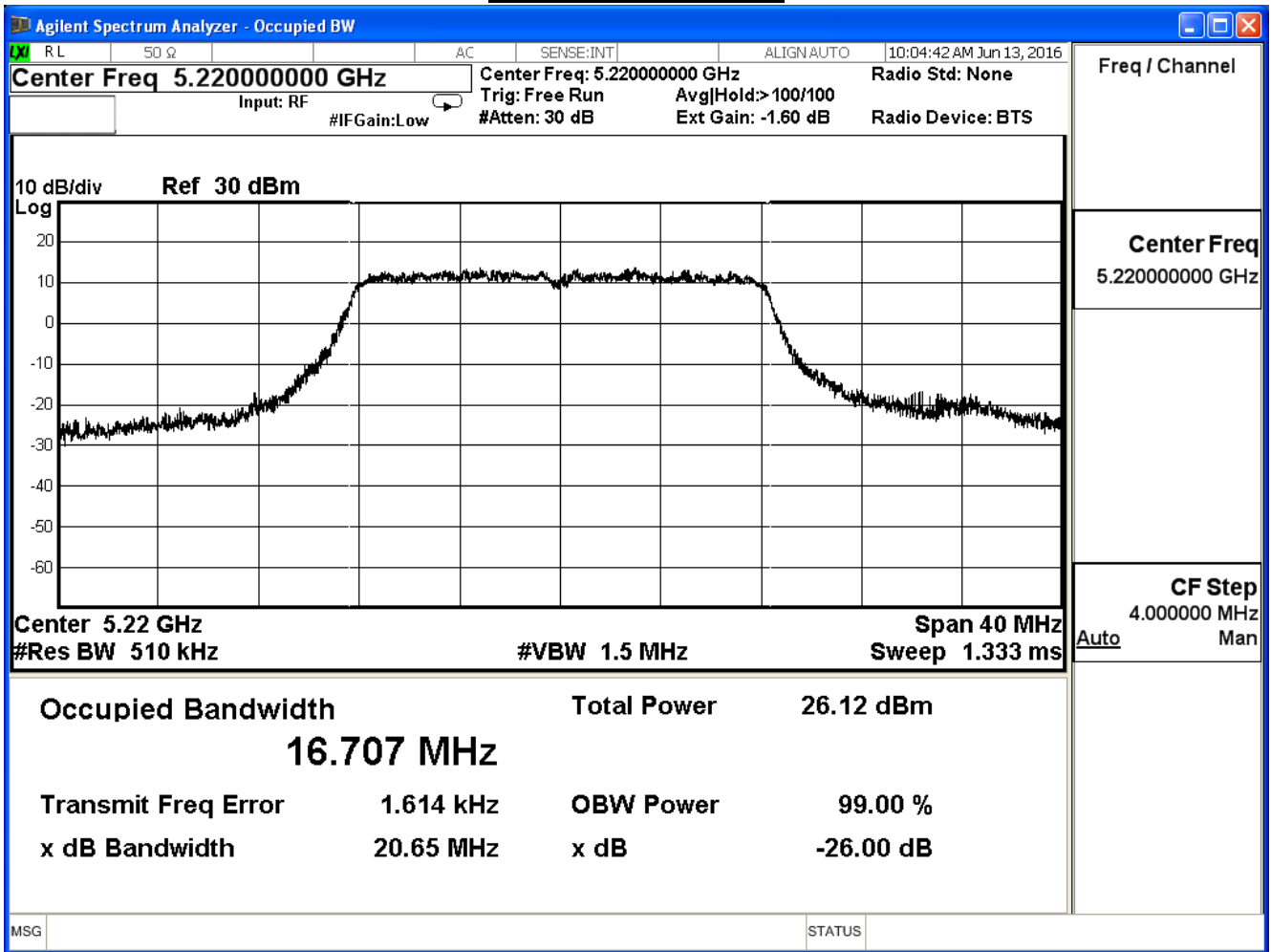
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11a (ANT 3)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
36	5180	21.02	16.726	--	Pass
44	5220	20.65	16.707	--	Pass
48	5240	21.24	16.773	--	Pass

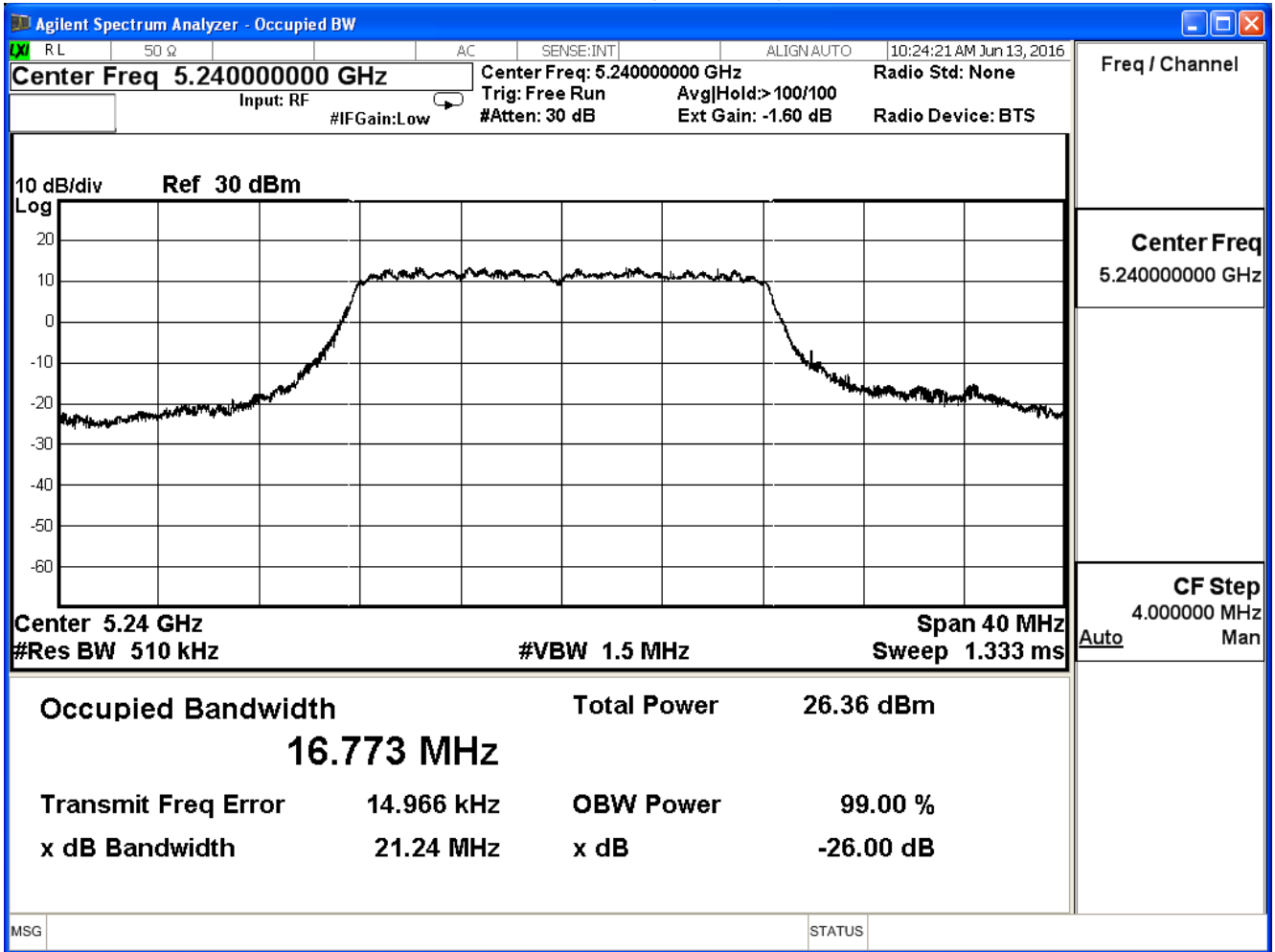
**Channel 36 (5180MHz)**



**Channel 44 (5220MHz)**



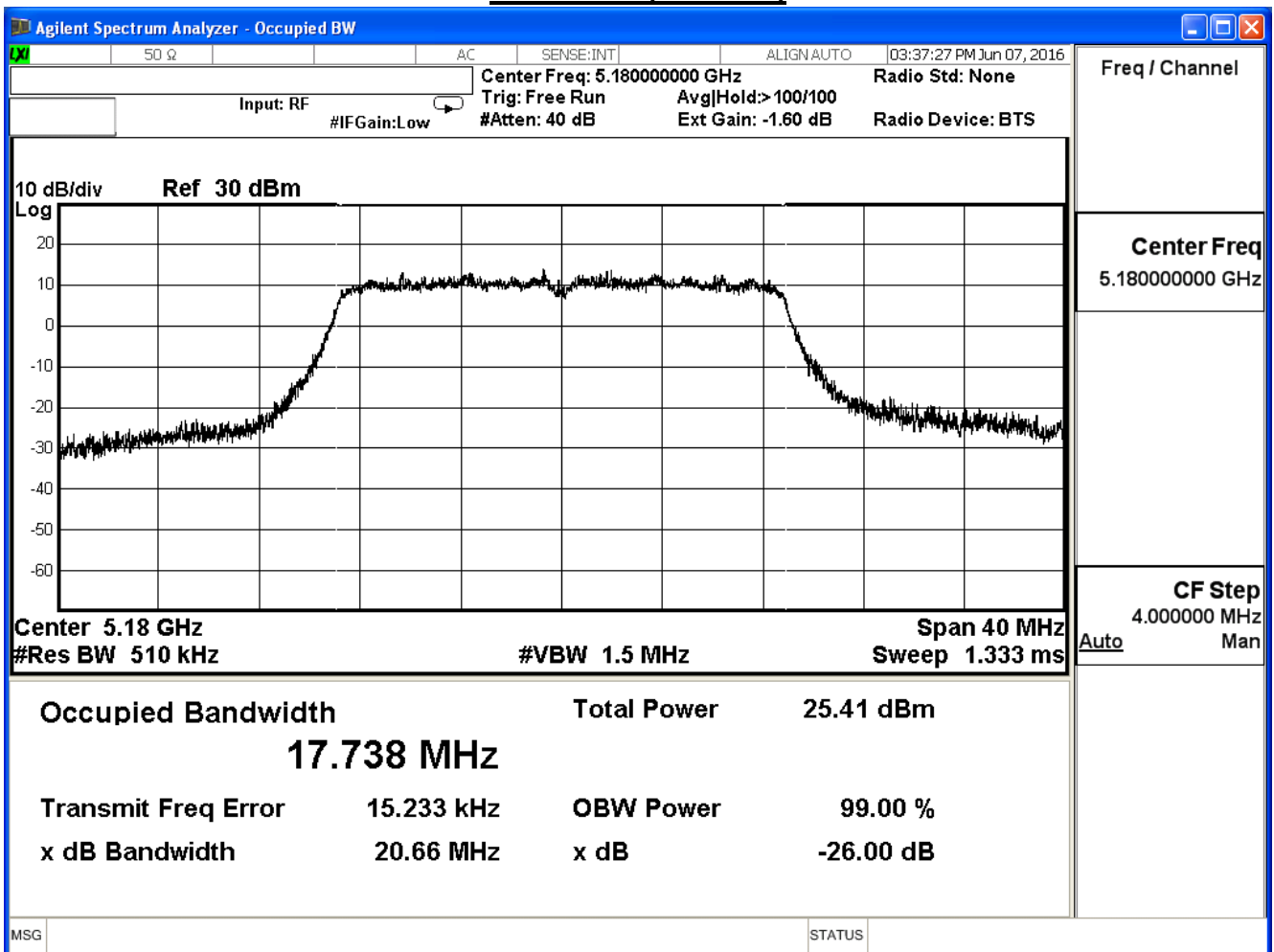
**Channel 48 (5240MHz)**



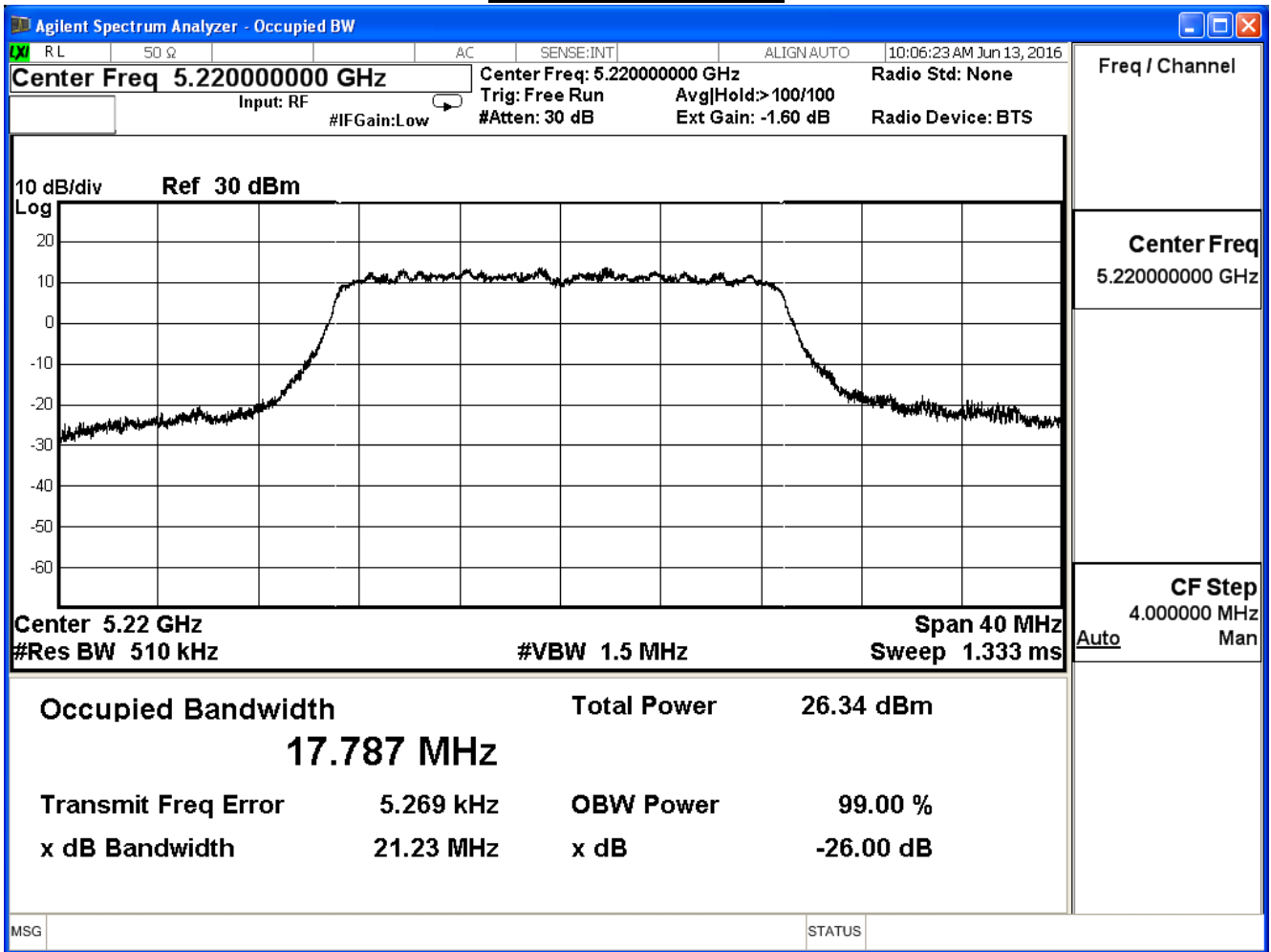
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11n_20M(ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
36	5180	20.66	17.738	--	Pass
44	5220	21.23	17.787	--	Pass
48	5240	21.42	17.810	--	Pass

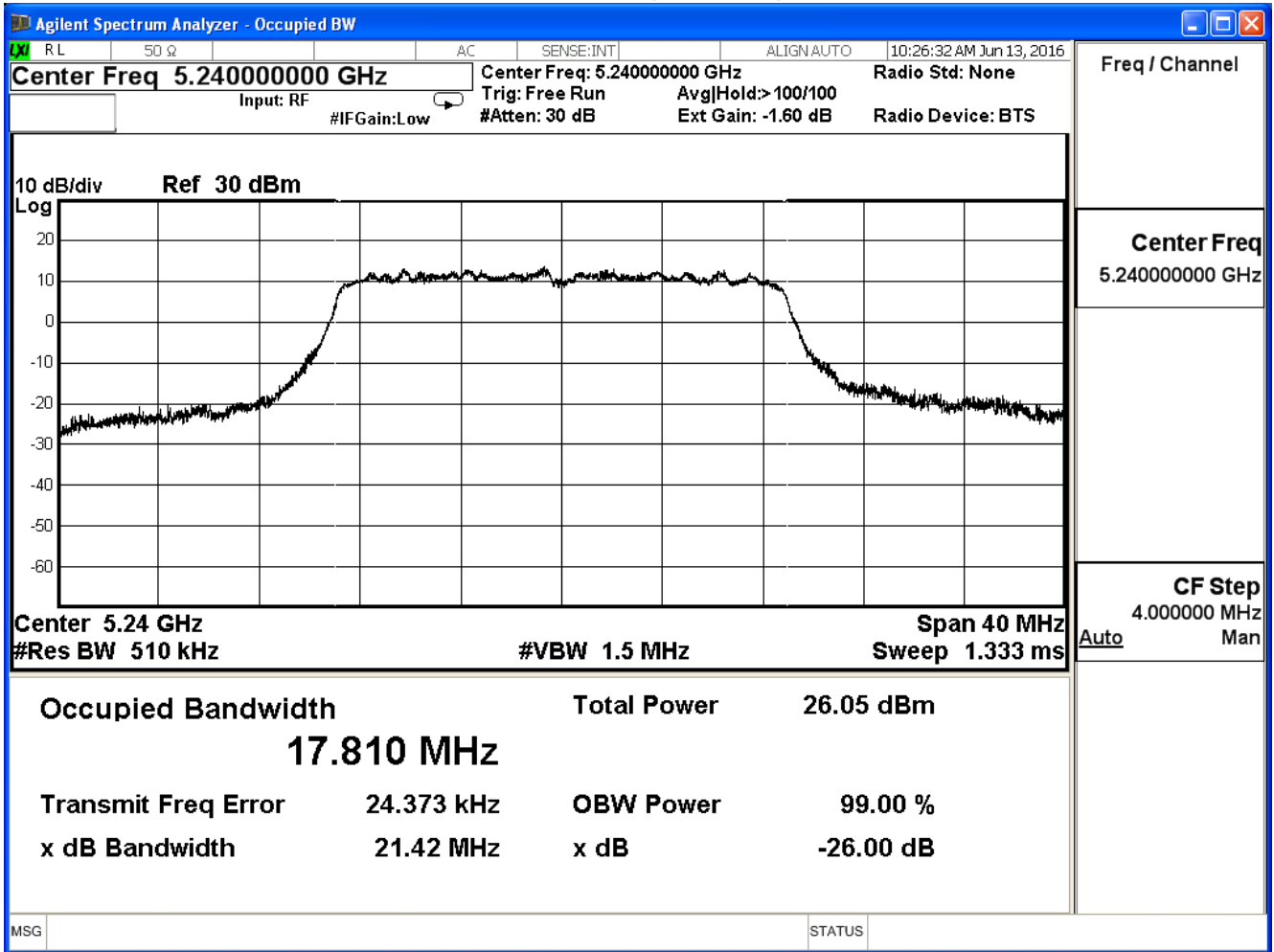
**Channel 36 (5180MHz)**



**Channel 44 (5220MHz)**



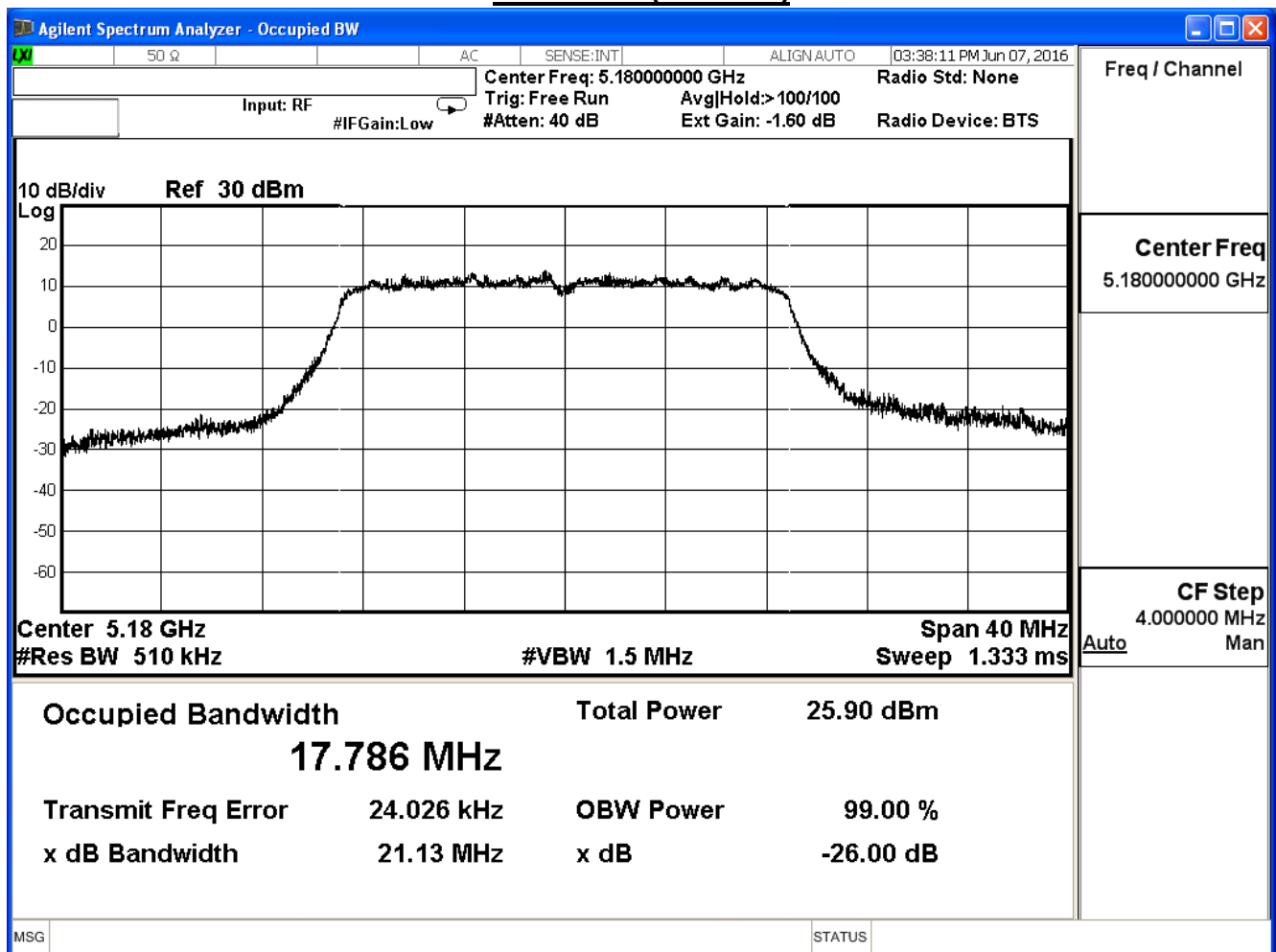
**Channel 48 (5240MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

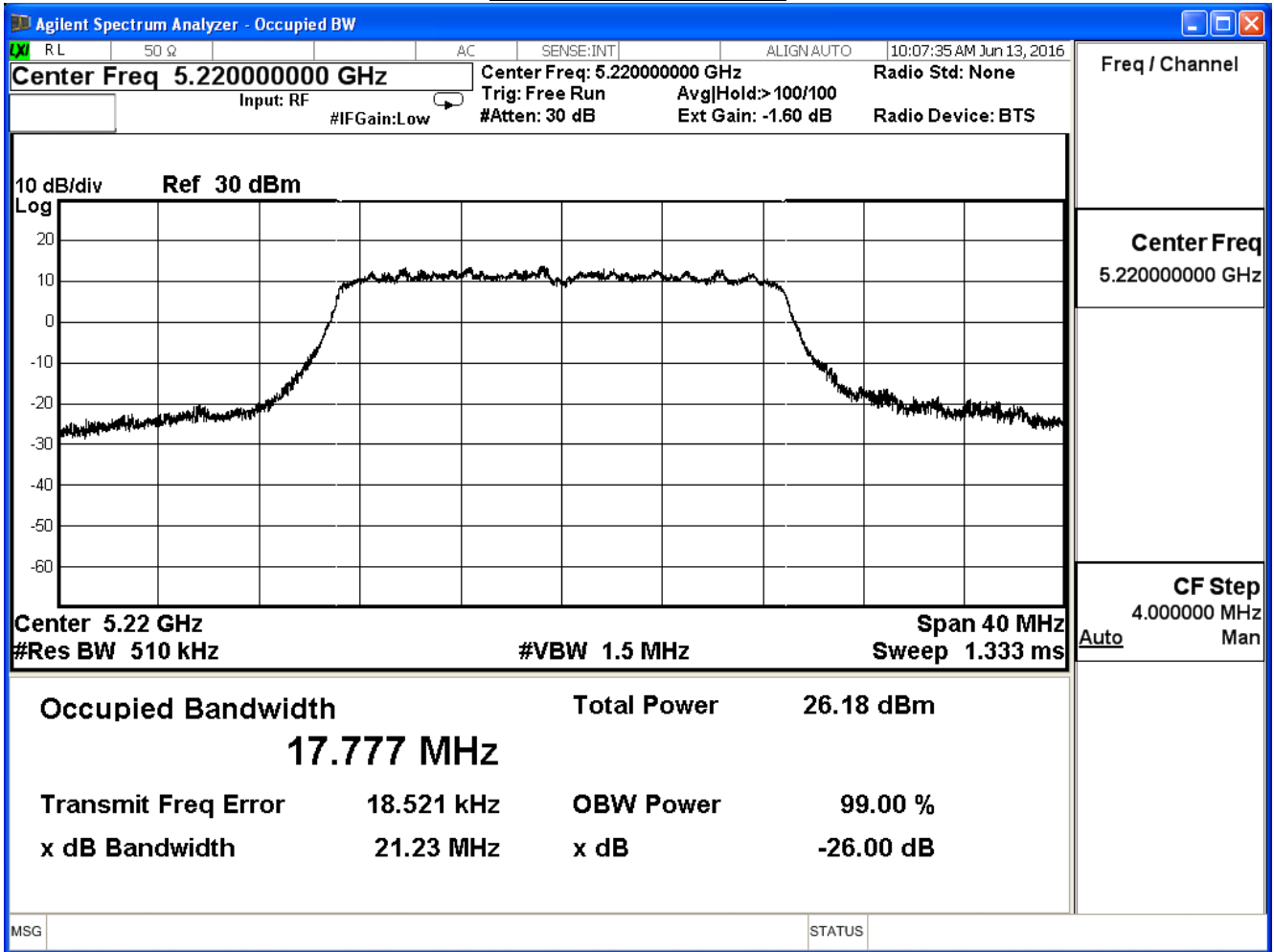
802.11n_20M(ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
36	5180	21.13	17.786	--	Pass
44	5220	21.23	17.777	--	Pass
48	5240	21.49	17.813	--	Pass

**Channel 36 (5180MHz)**

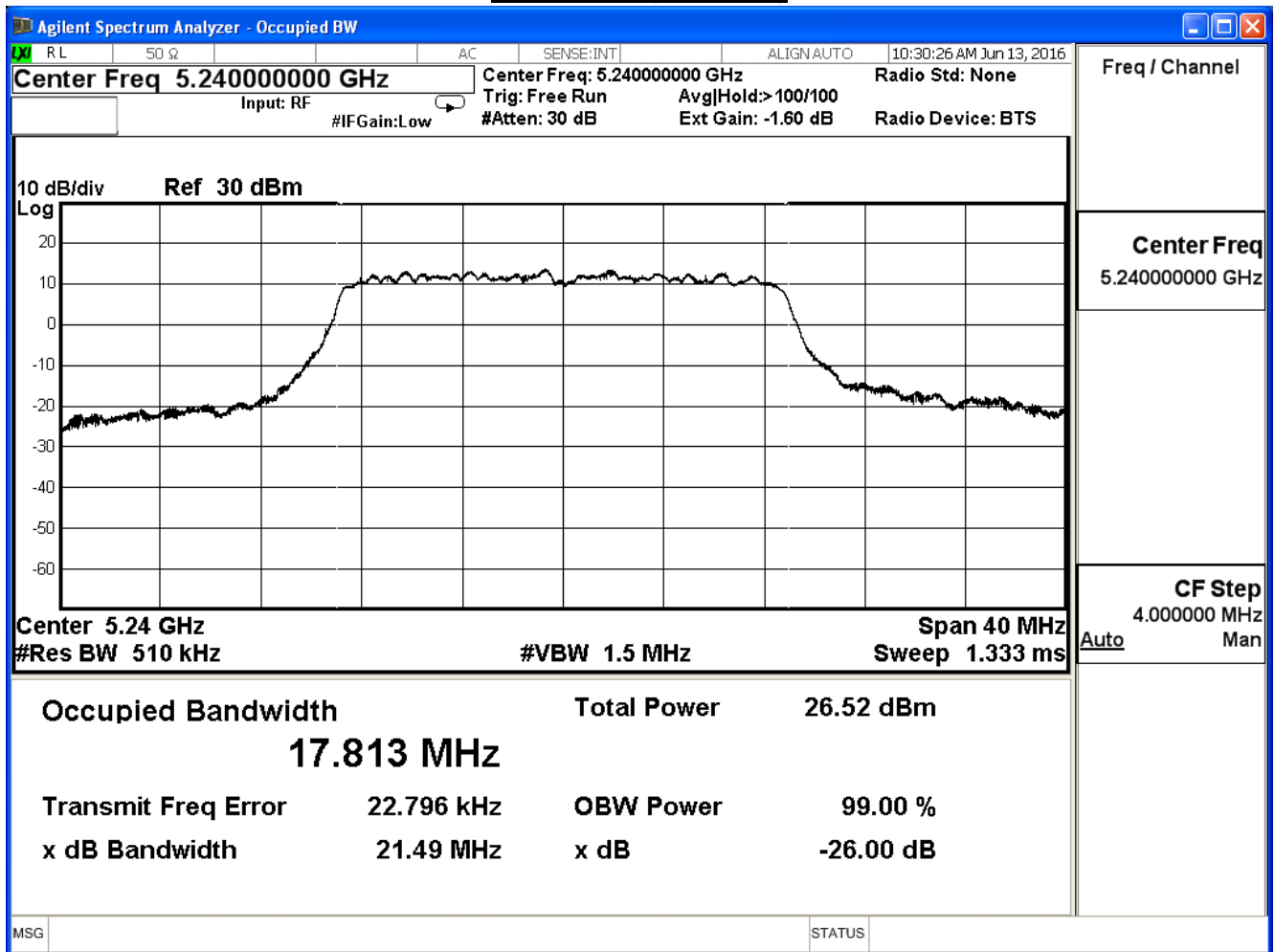




**Channel 44 (5220MHz)**



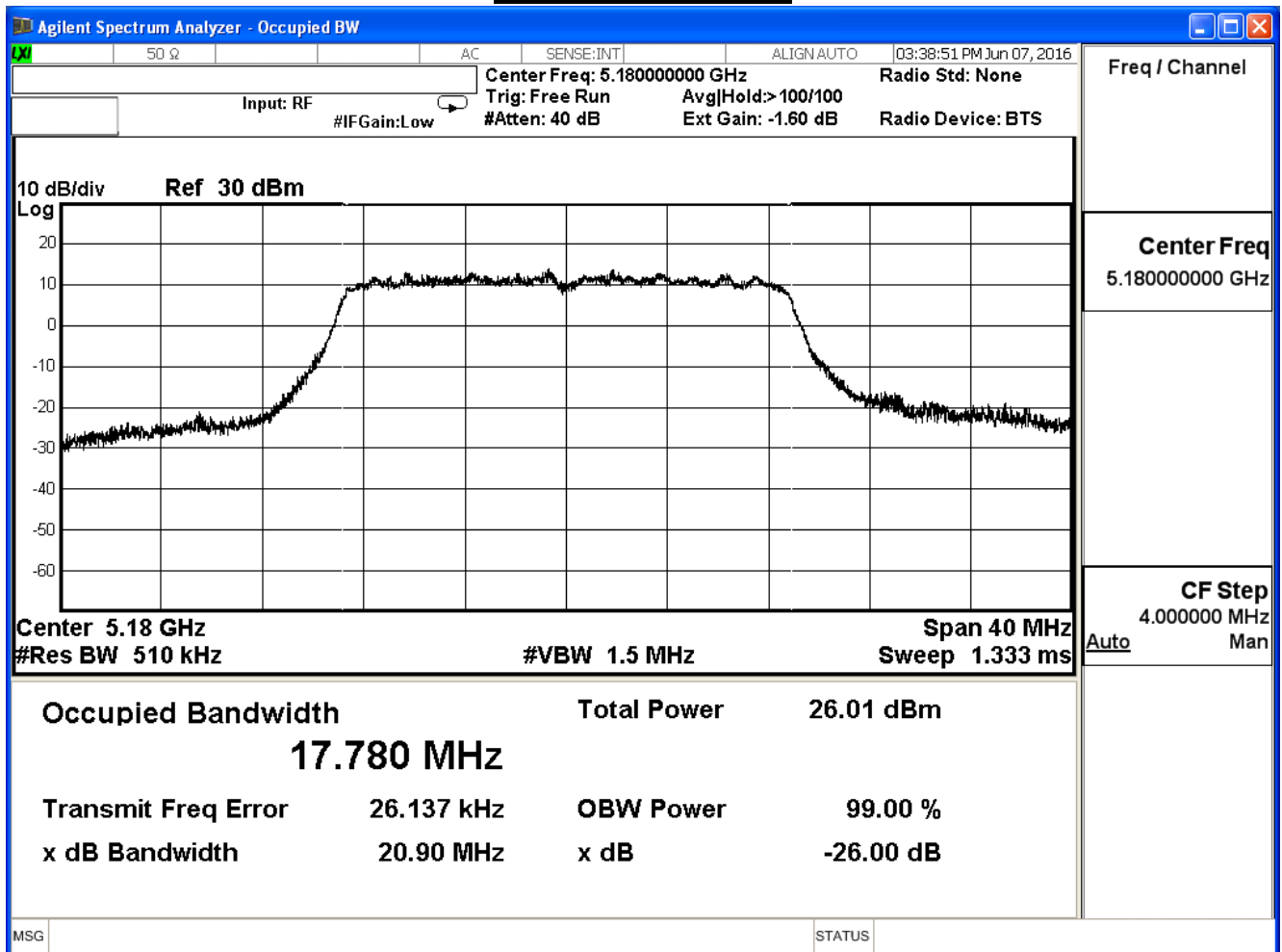
### Channel 48 (5240MHz)



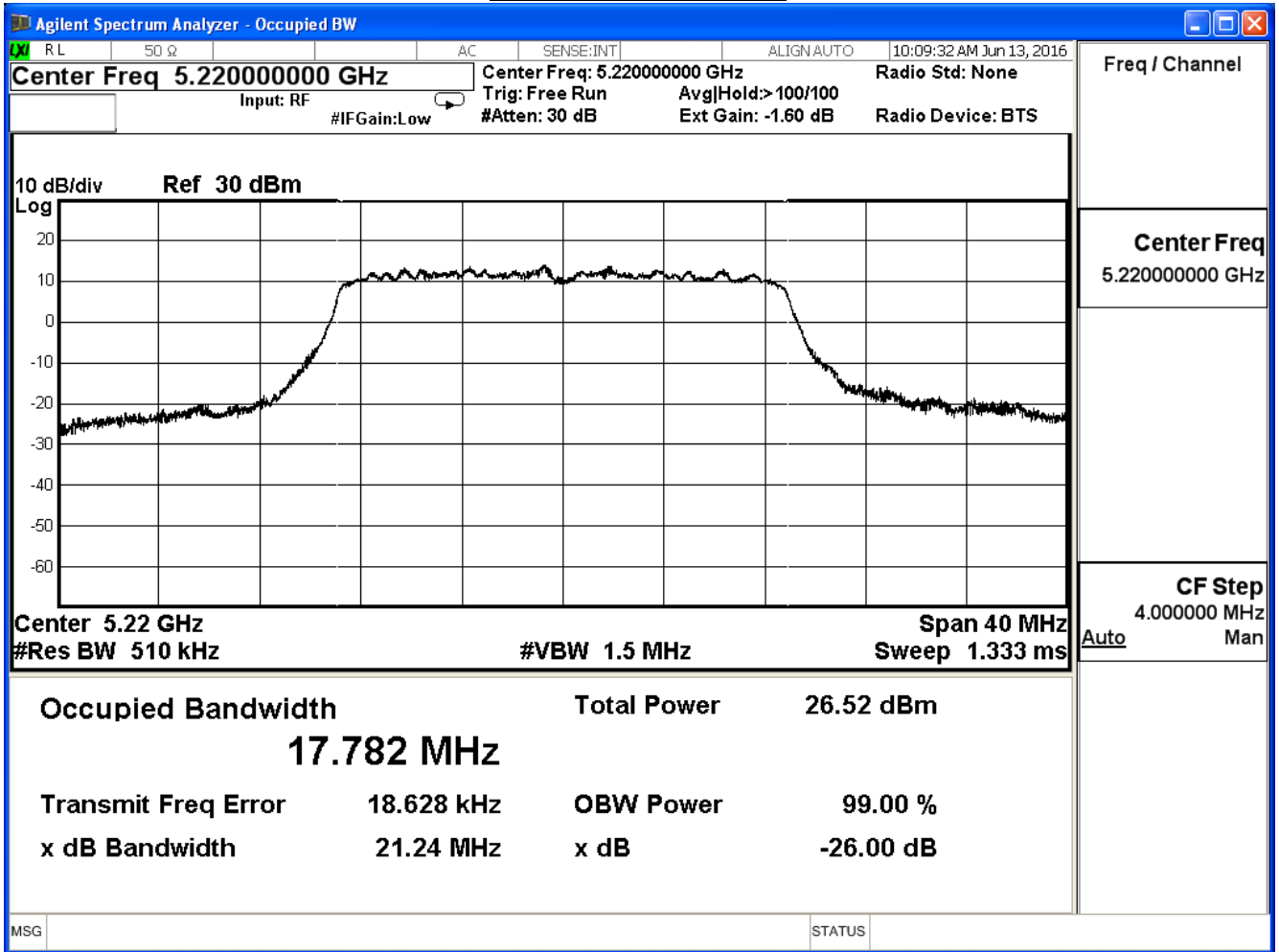
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11n_20M(ANT 2)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
36	5180	20.90	17.780	--	Pass
44	5220	21.24	17.782	--	Pass
48	5240	21.43	17.815	--	Pass

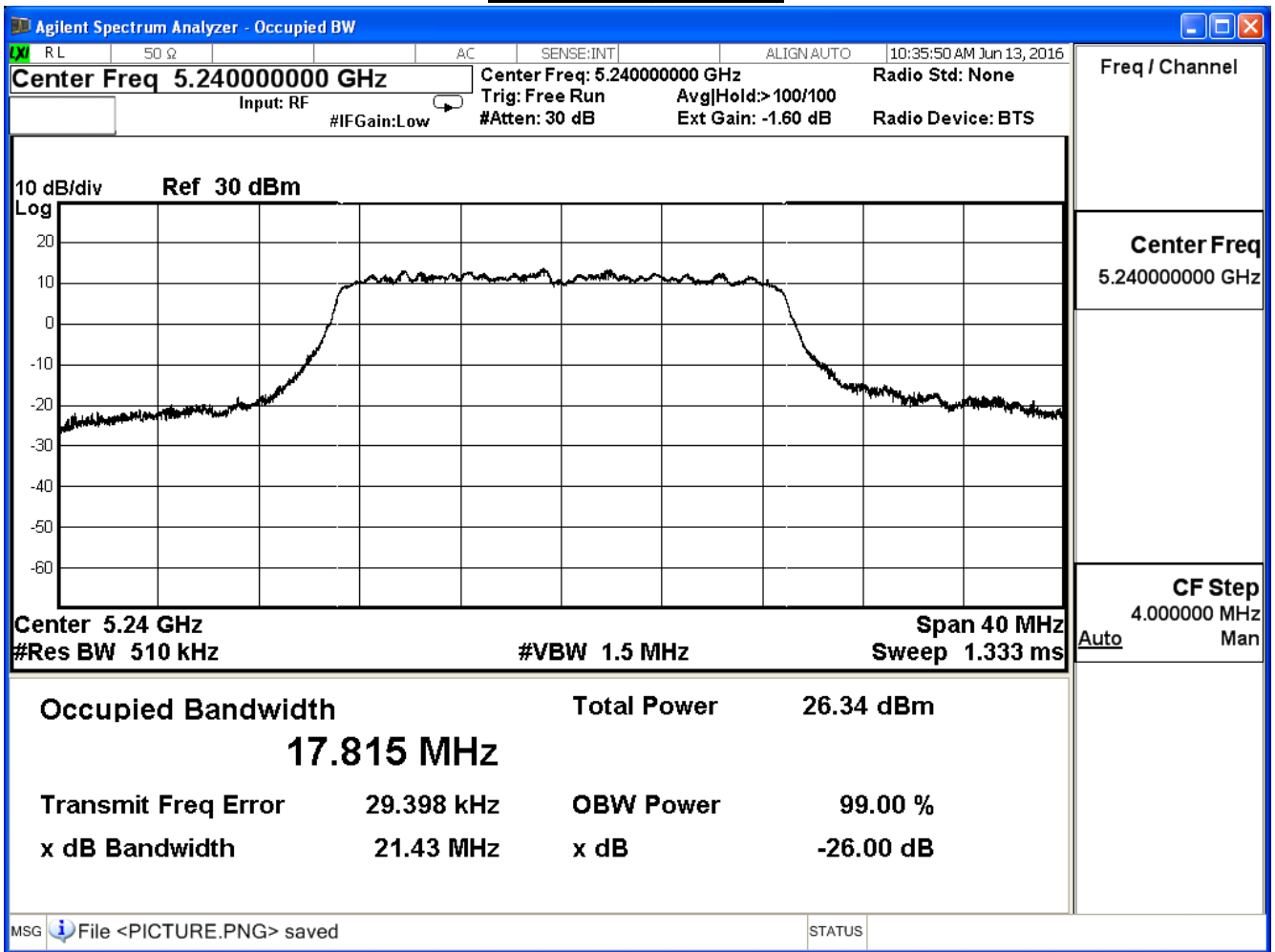
**Channel 36 (5180MHz)**



**Channel 44 (5220MHz)**



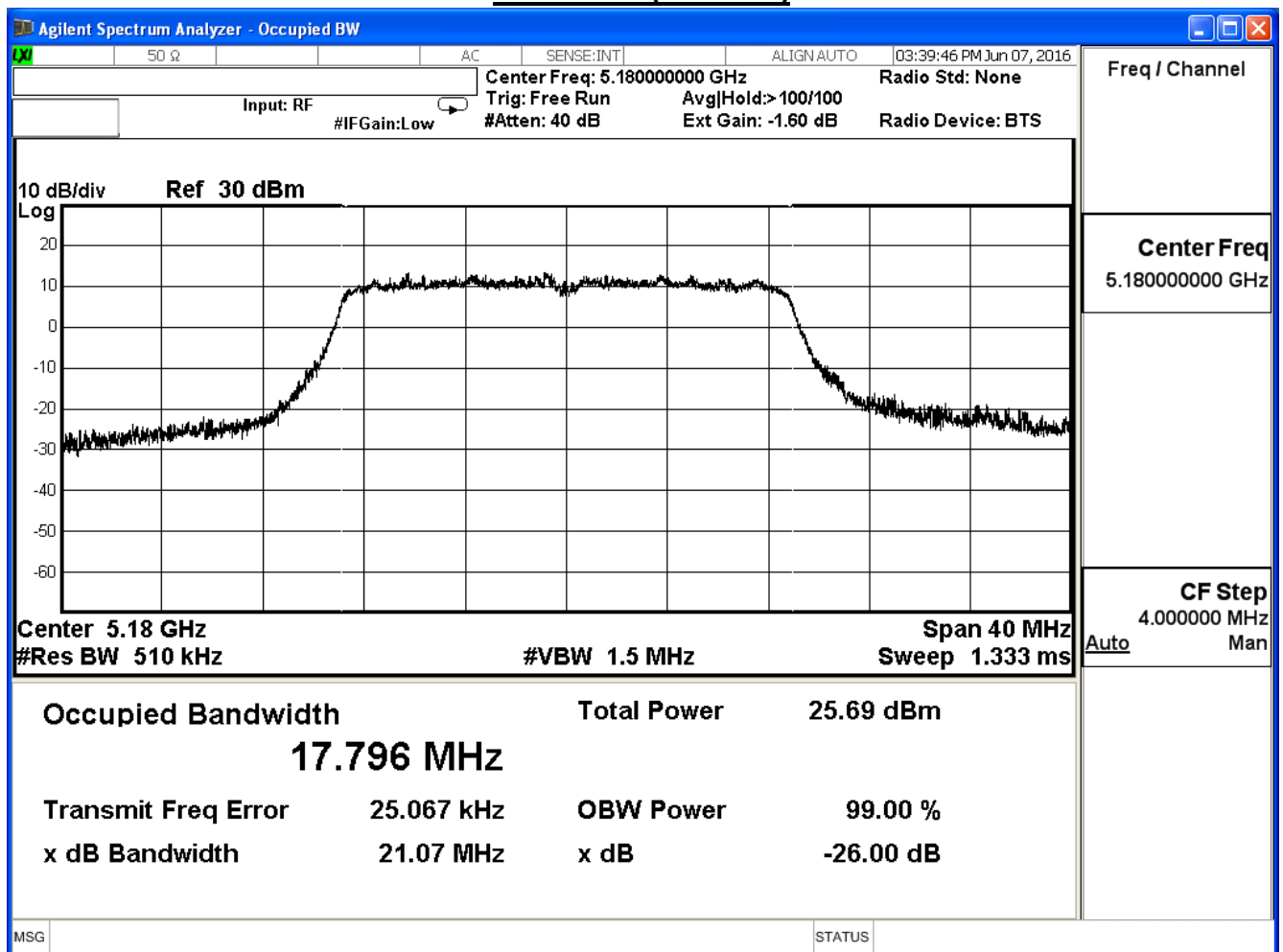
### Channel 48 (5240MHz)



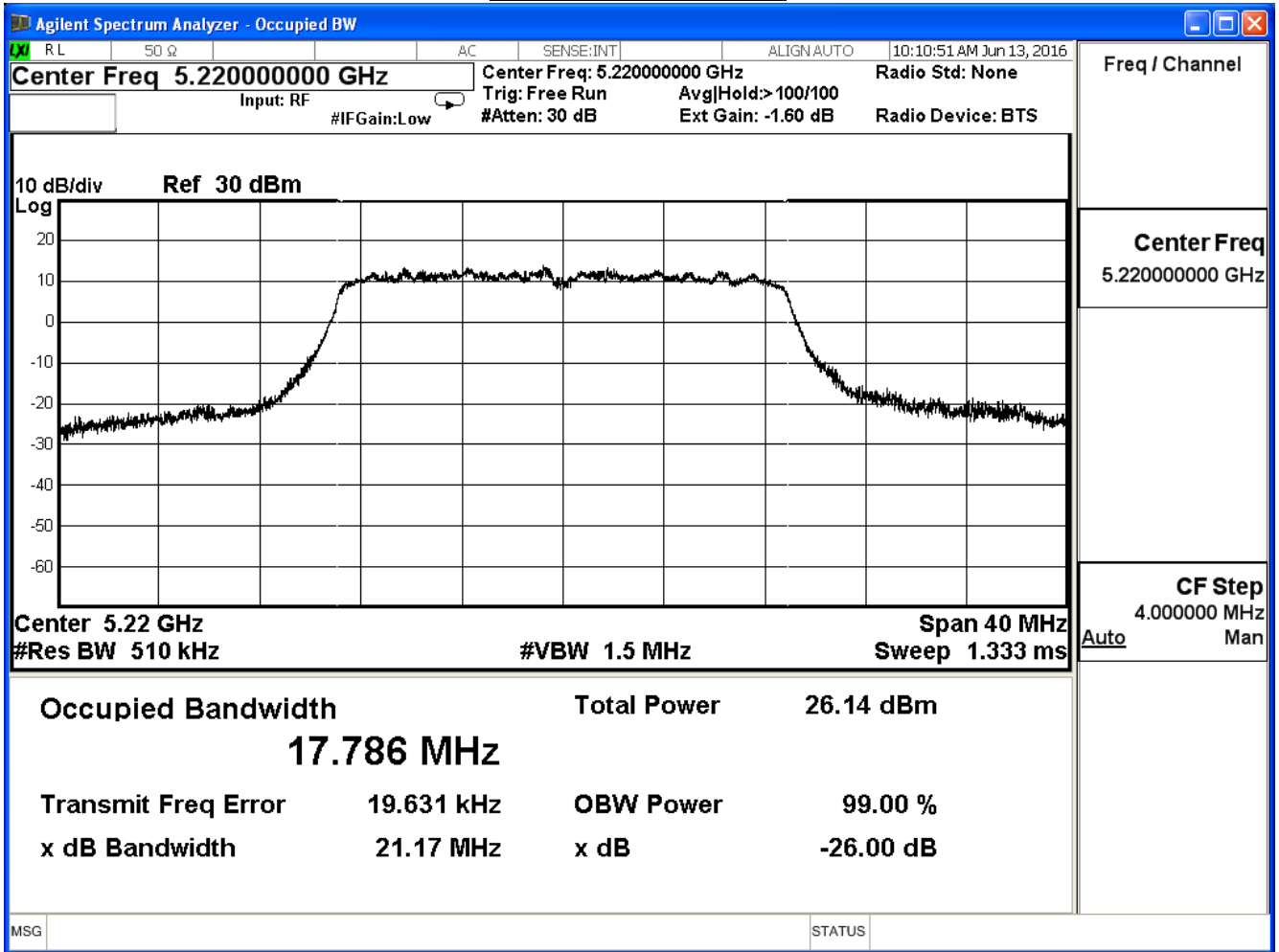
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11n_20M(ANT 3)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
36	5180	21.07	17.796	--	Pass
44	5220	21.17	17.786	--	Pass
48	5240	21.47	17.818	--	Pass

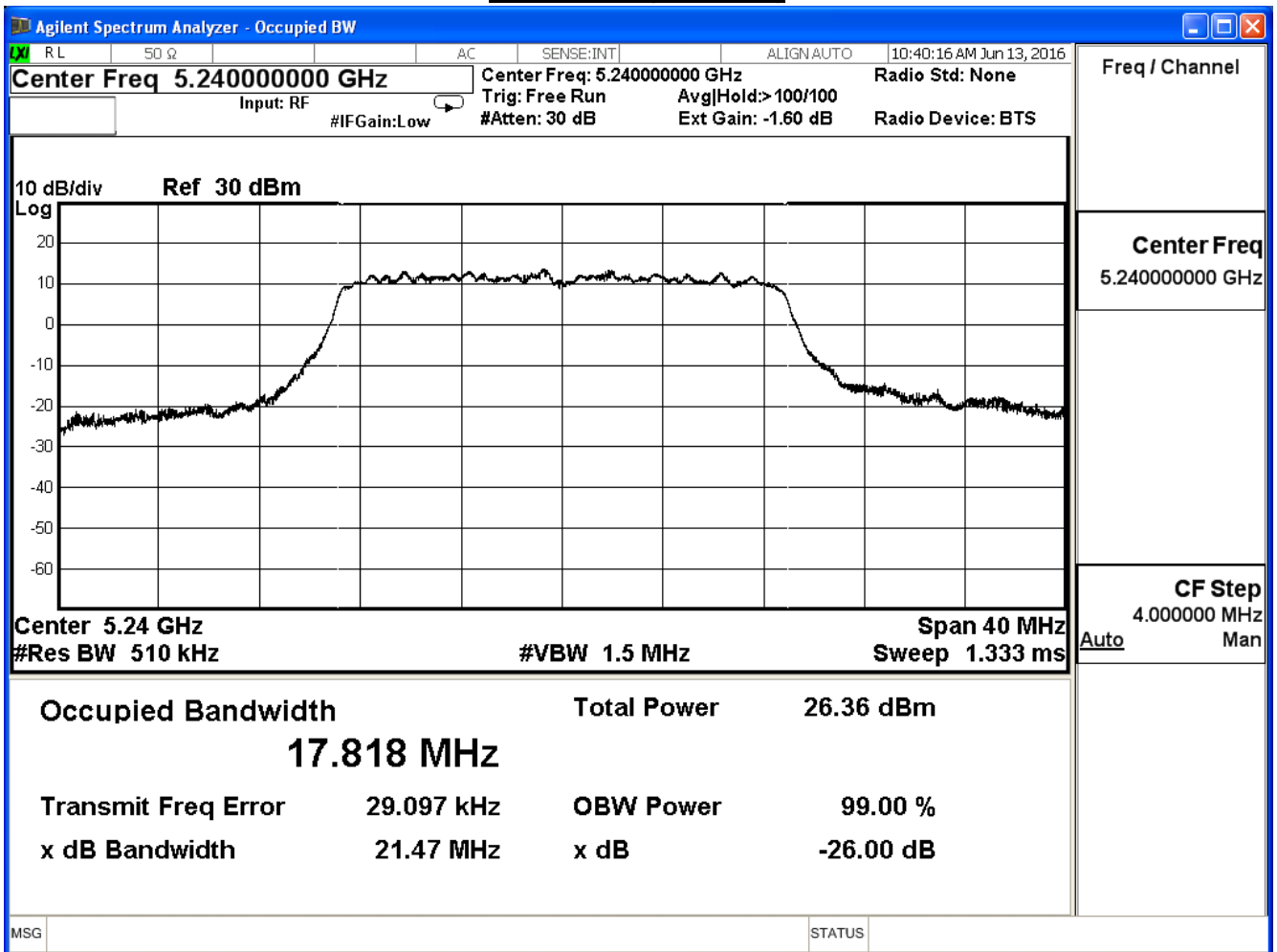
**Channel 36 (5180MHz)**



**Channel 44 (5220MHz)**



### Channel 48 (5240MHz)

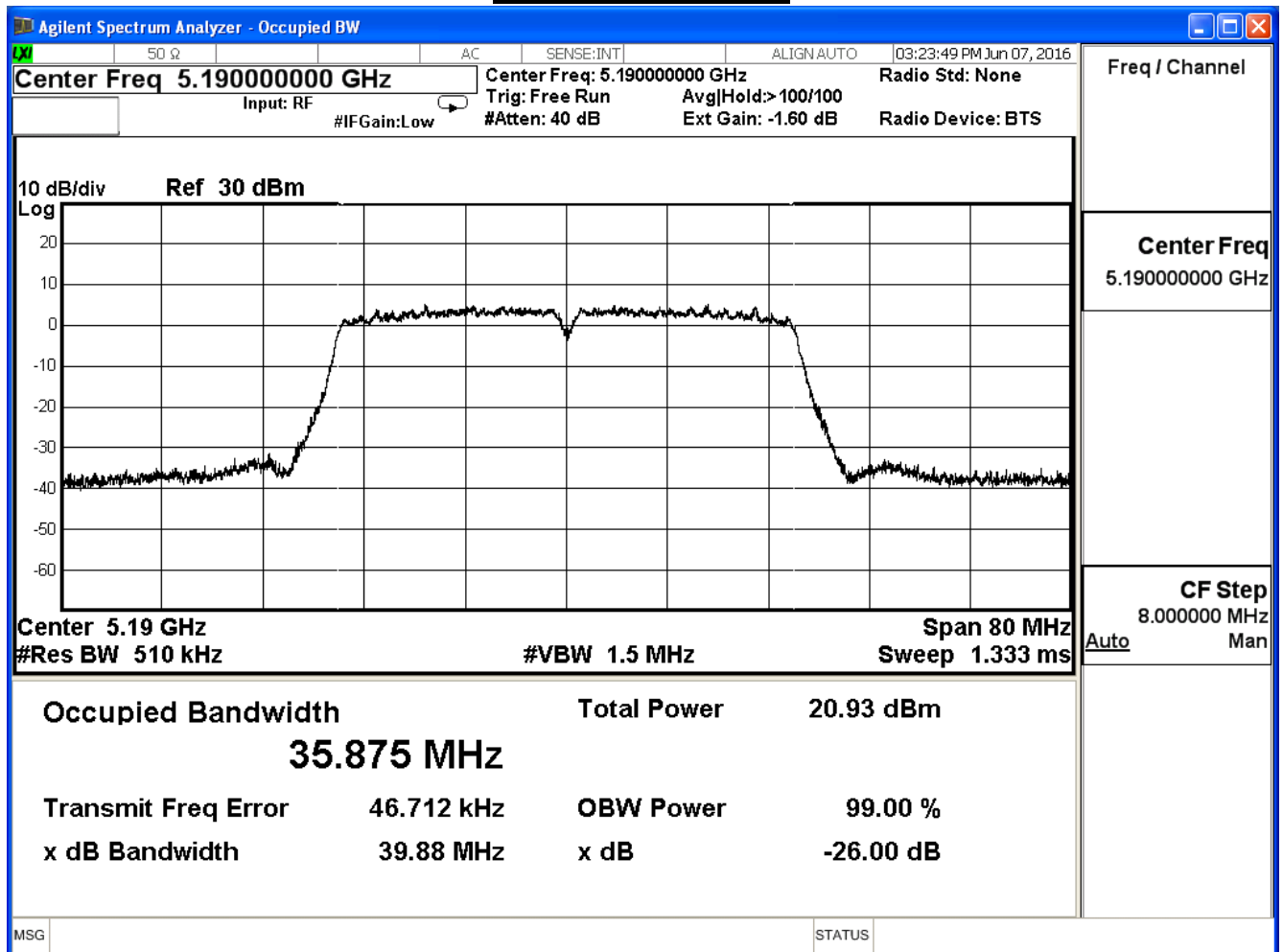




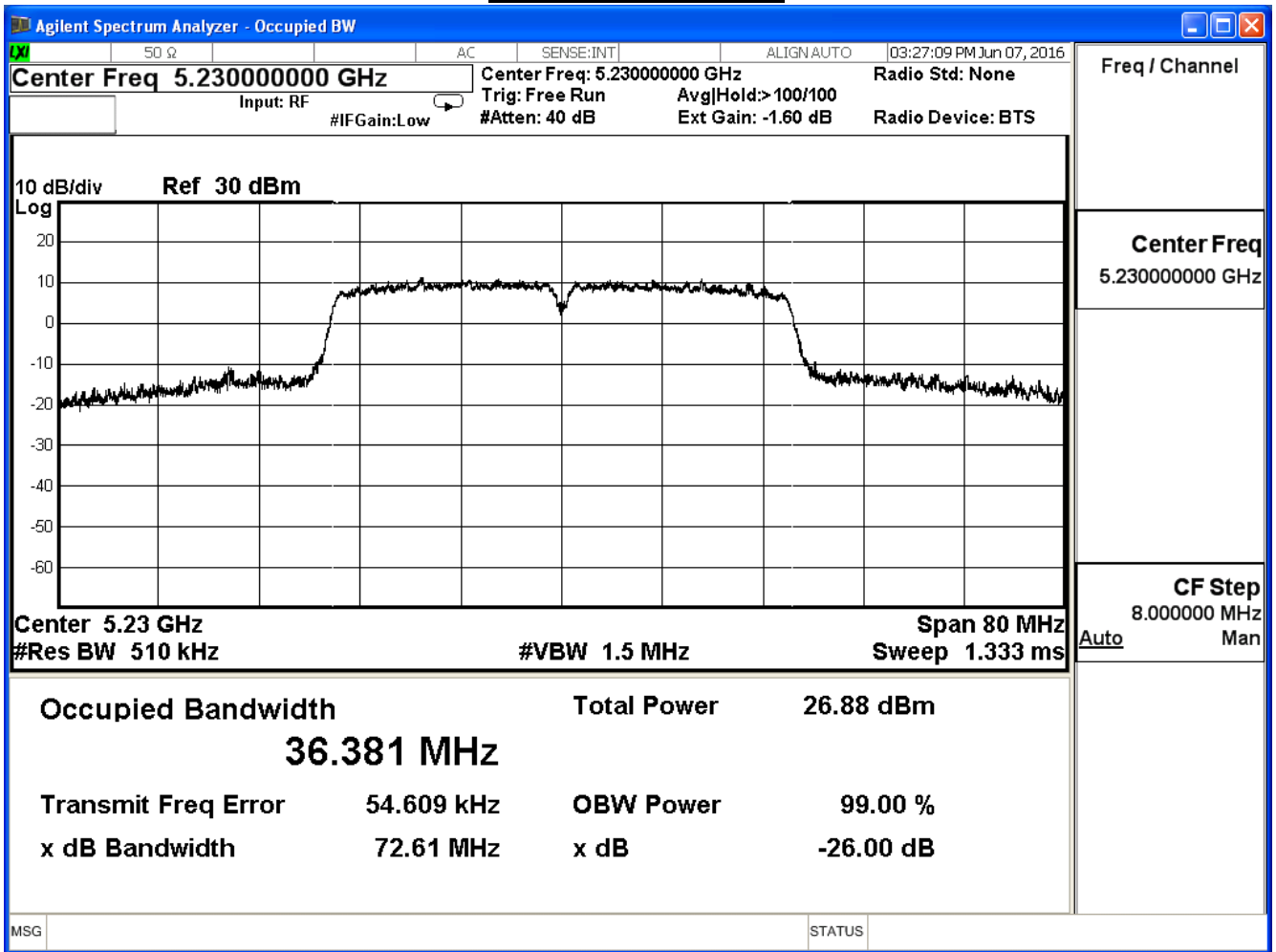
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11n_40M(ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
38	5190	39.88	46.712	--	Pass
46	5230	72.61	36.381	--	Pass

**Channel 38 (5190MHz)**



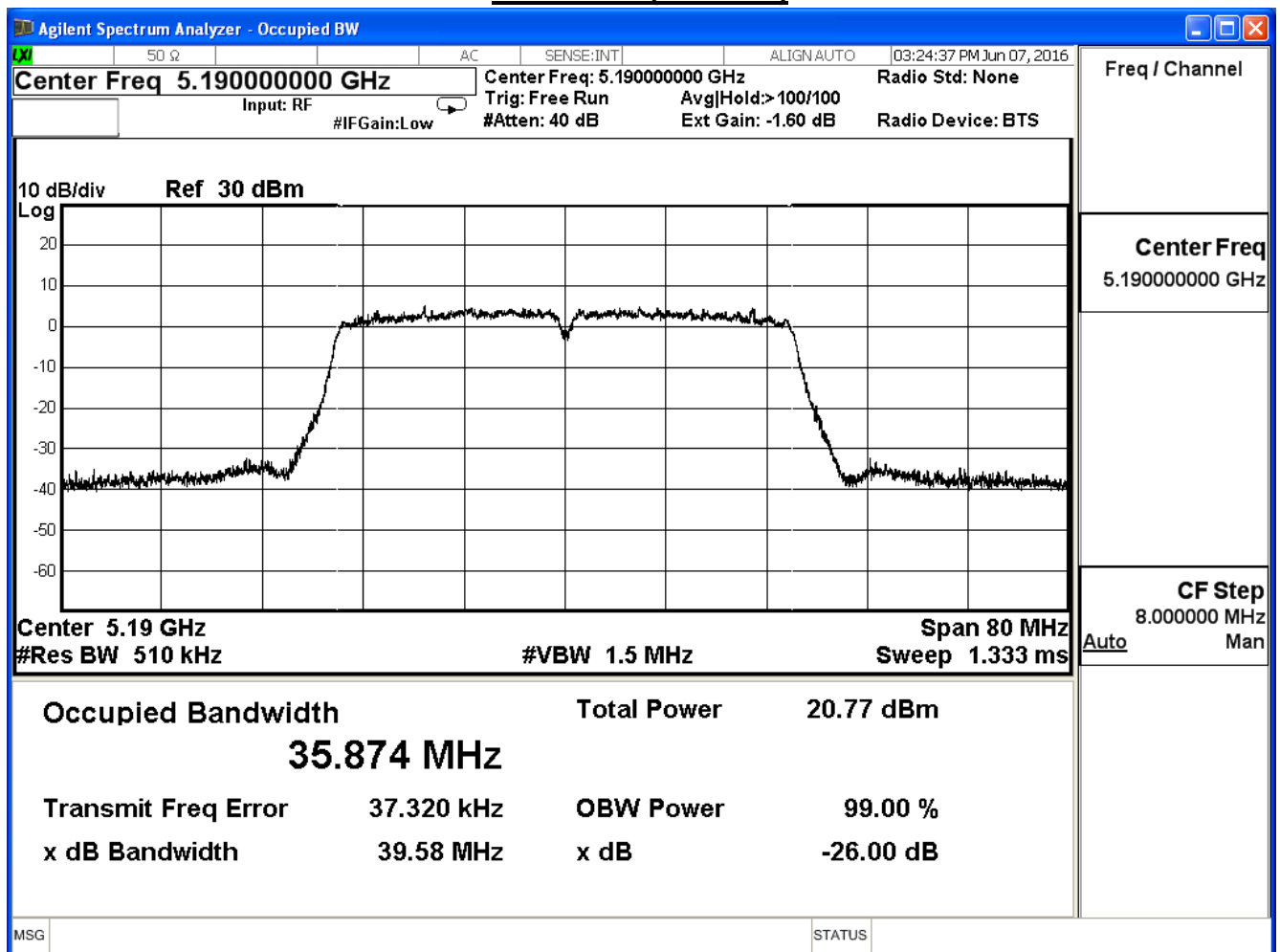
**Channel 46 (5230MHz)**



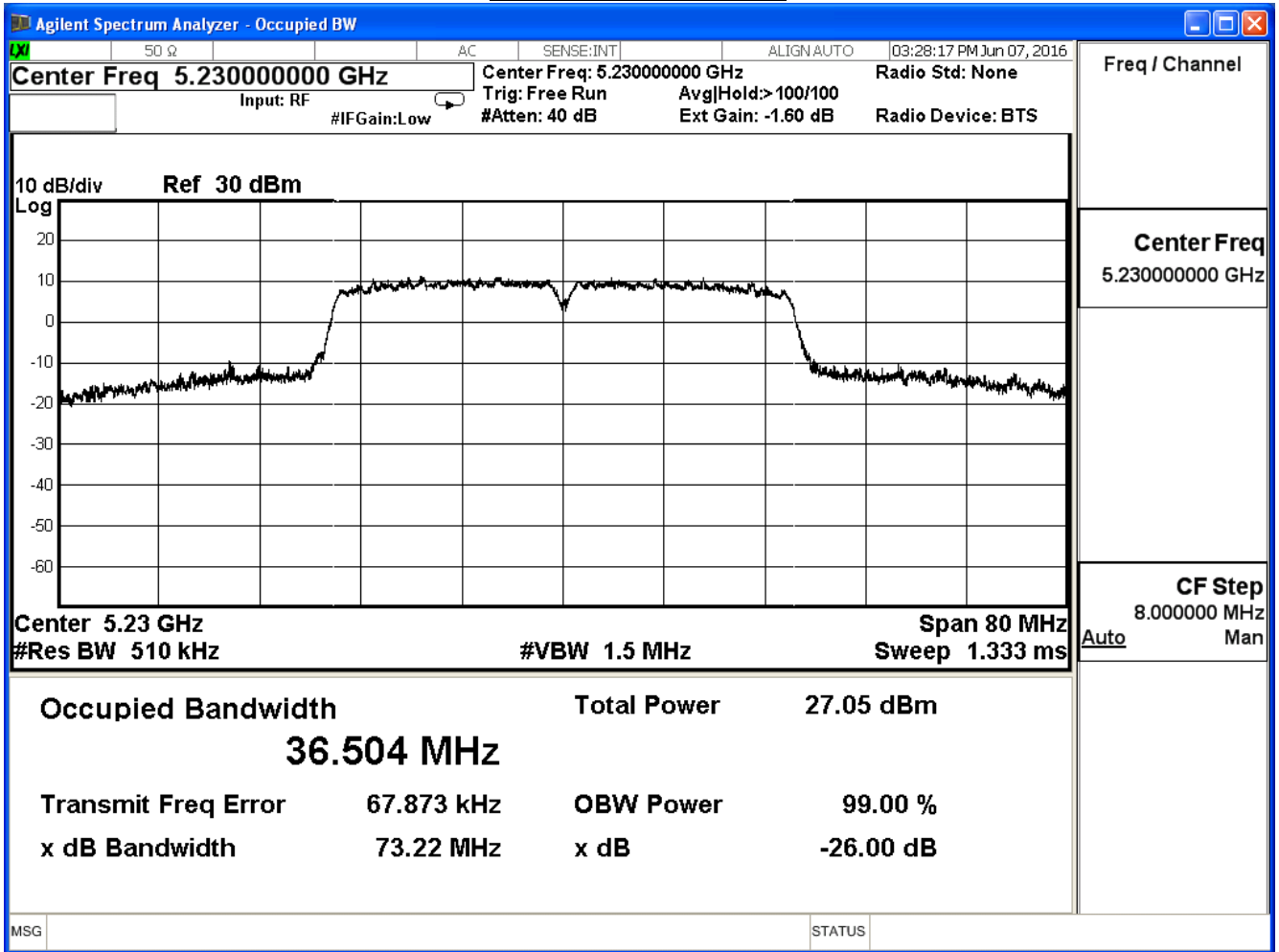
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11n_40M(ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
38	5190	39.58	35.874	--	Pass
46	5230	73.22	36.504	--	Pass

**Channel 38 (5190MHz)**



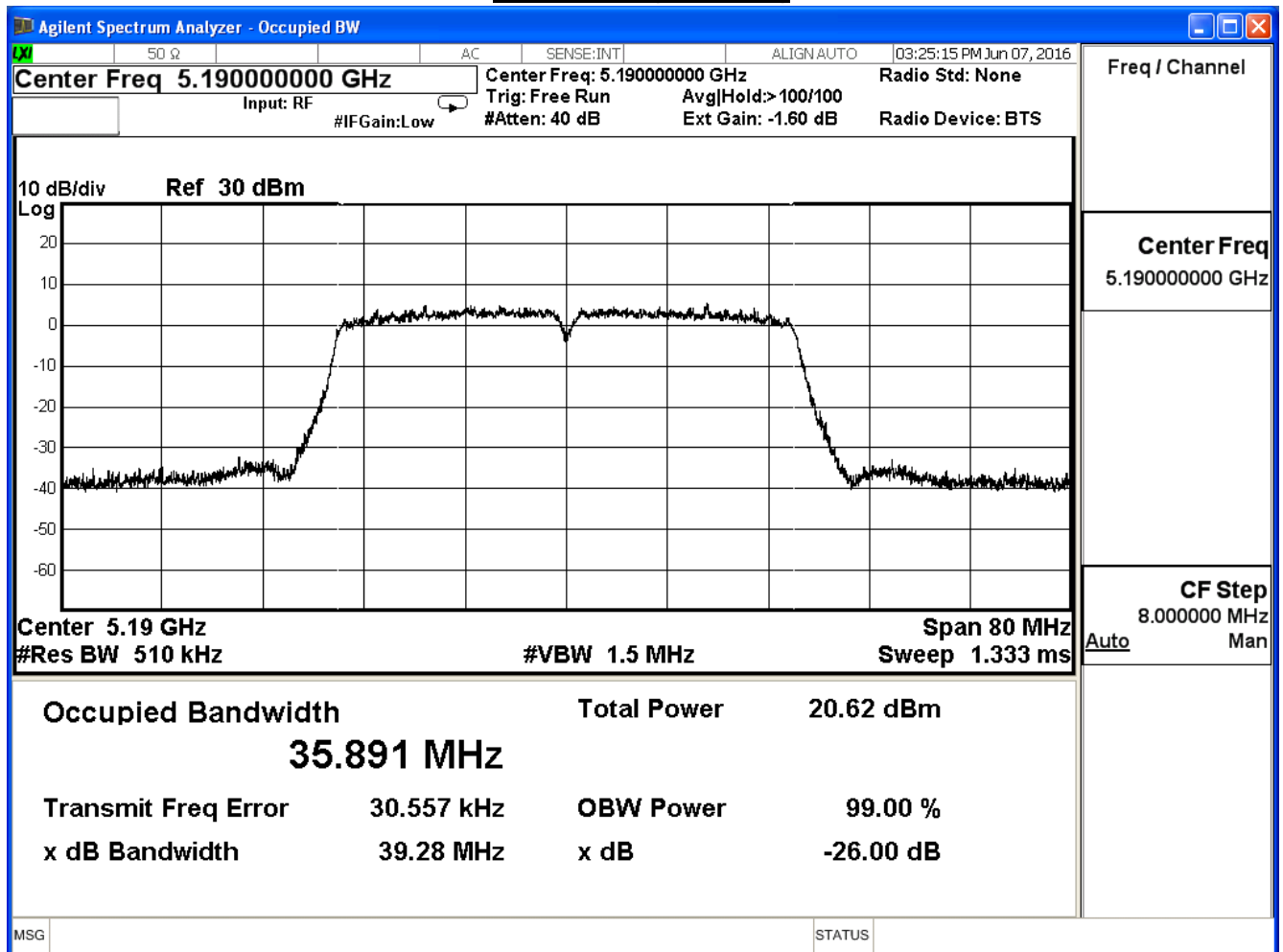
### Channel 46 (5230MHz)



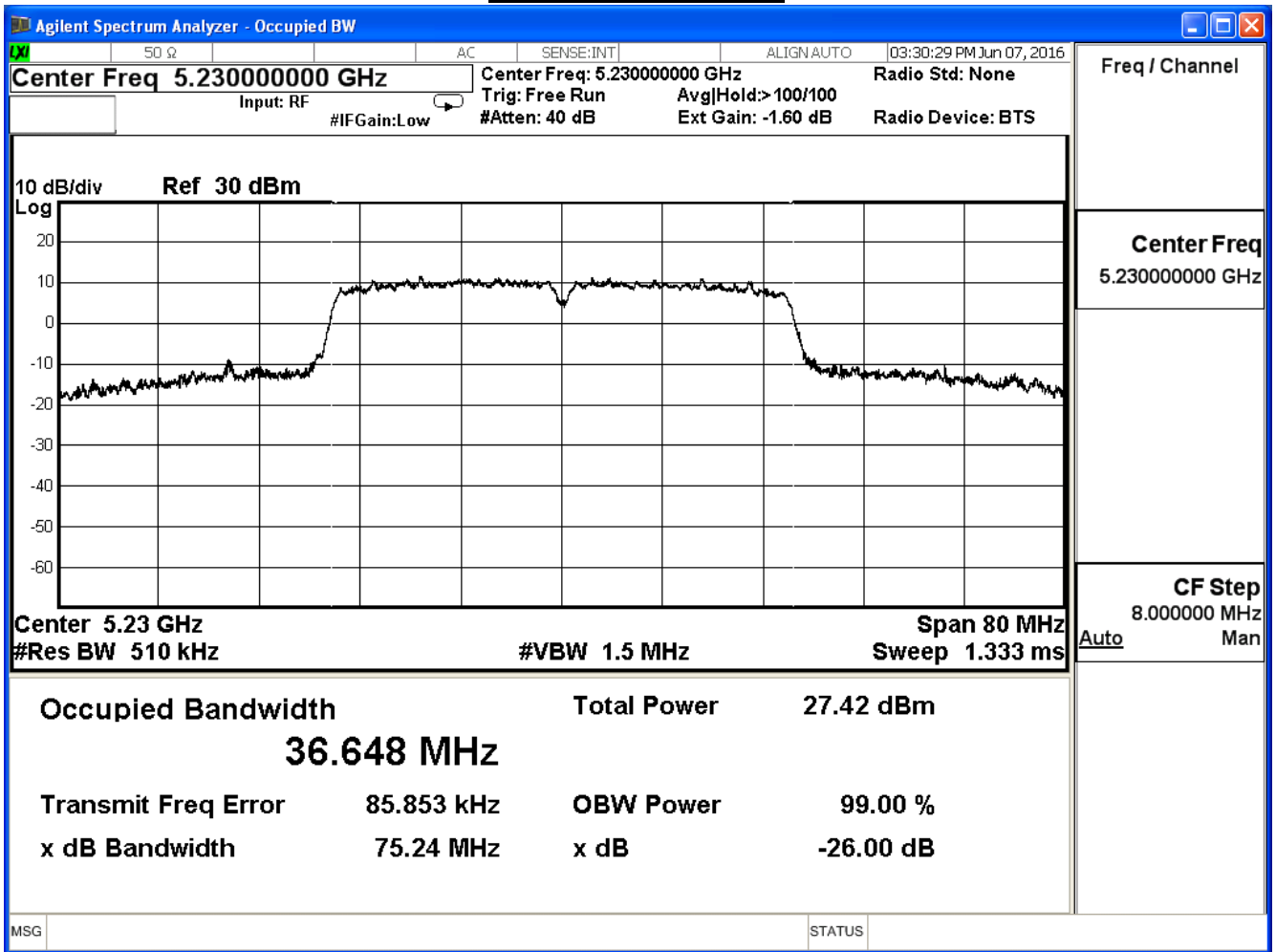
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11n_40M(ANT 2)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
38	5190	39.28	35.891	--	Pass
46	5230	75.24	36.648	--	Pass

**Channel 38 (5190MHz)**



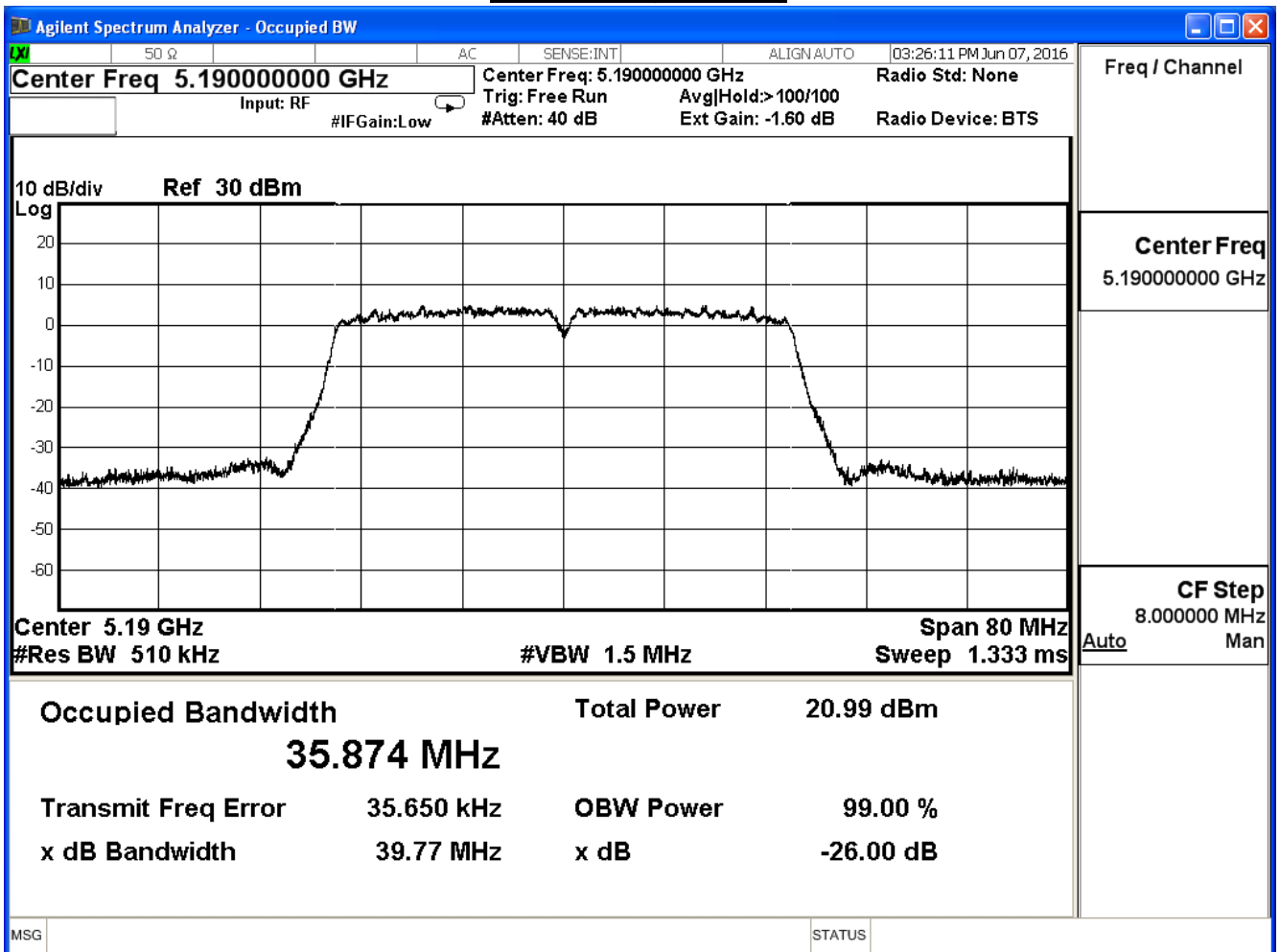
**Channel 46 (5230MHz)**



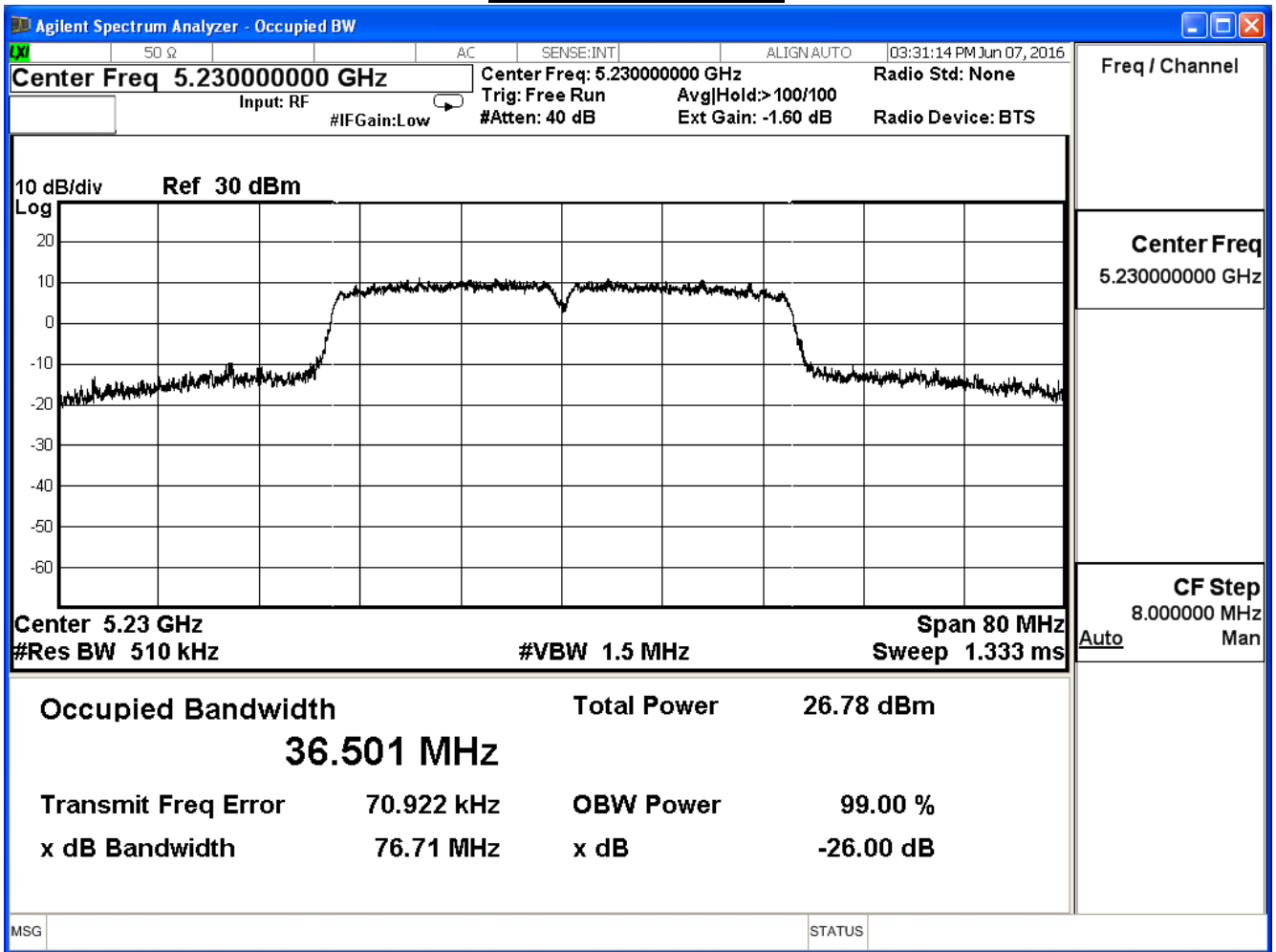
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11n_40M(ANT 3)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
38	5190	39.77	35.874	--	Pass
46	5230	76.71	36.501	--	Pass

**Channel 38 (5190MHz)**



**Channel 46 (5230MHz)**

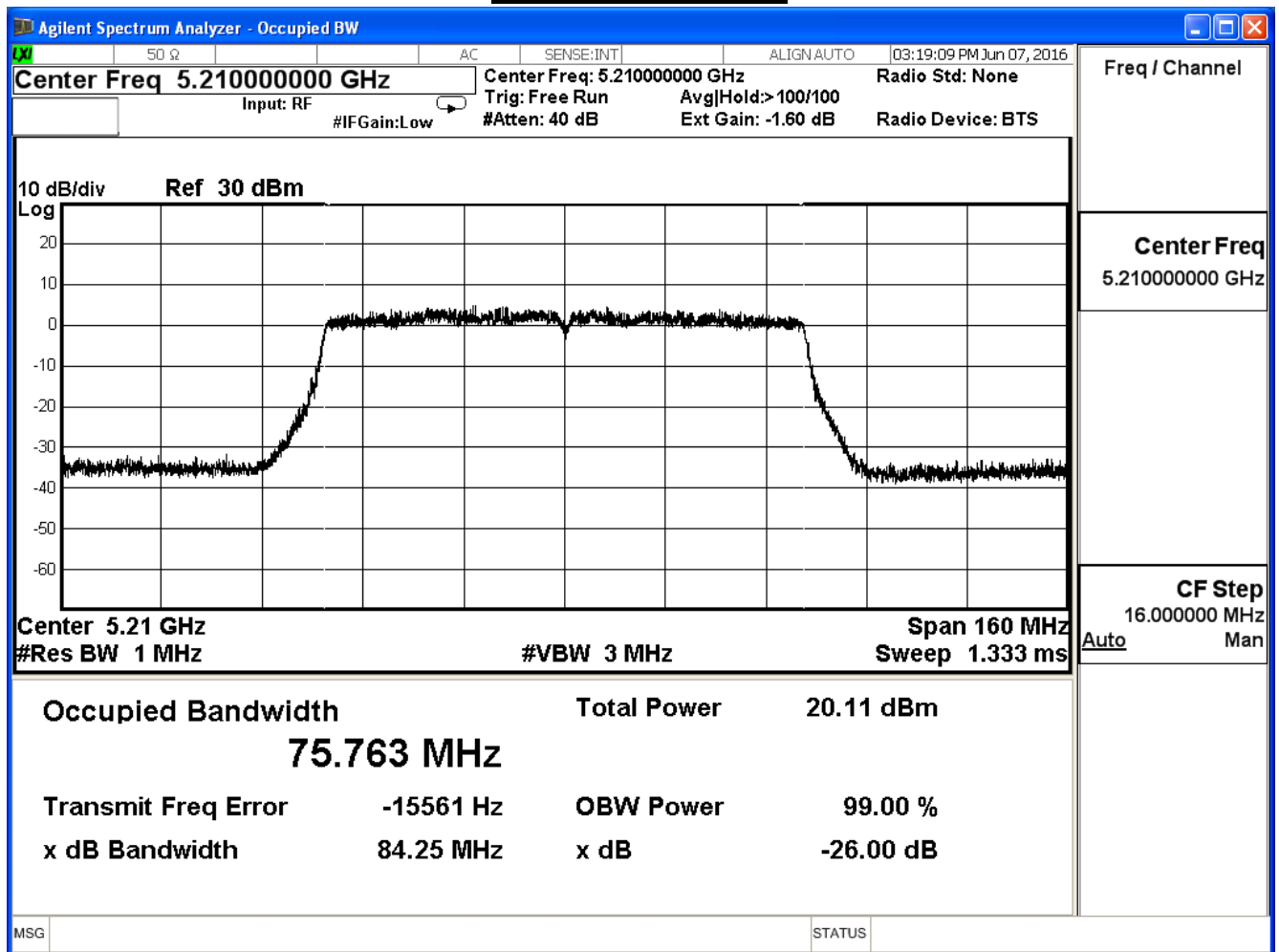




Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11ac_80M(ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
42	5210	84.25	75.763	--	Pass

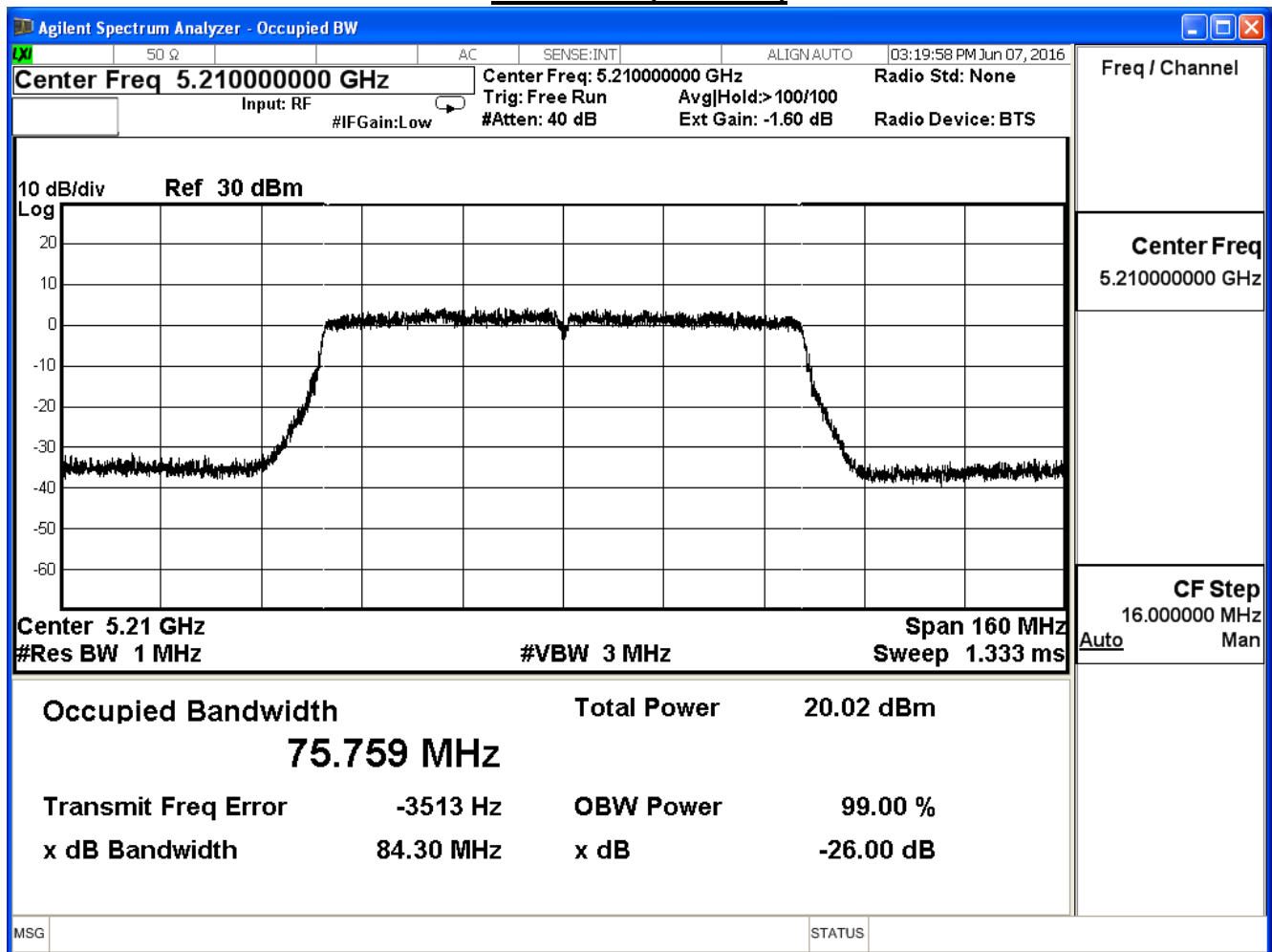
**Channel 42 (5210MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11ac_80M(ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
42	5210	84.30	75.759	--	Pass

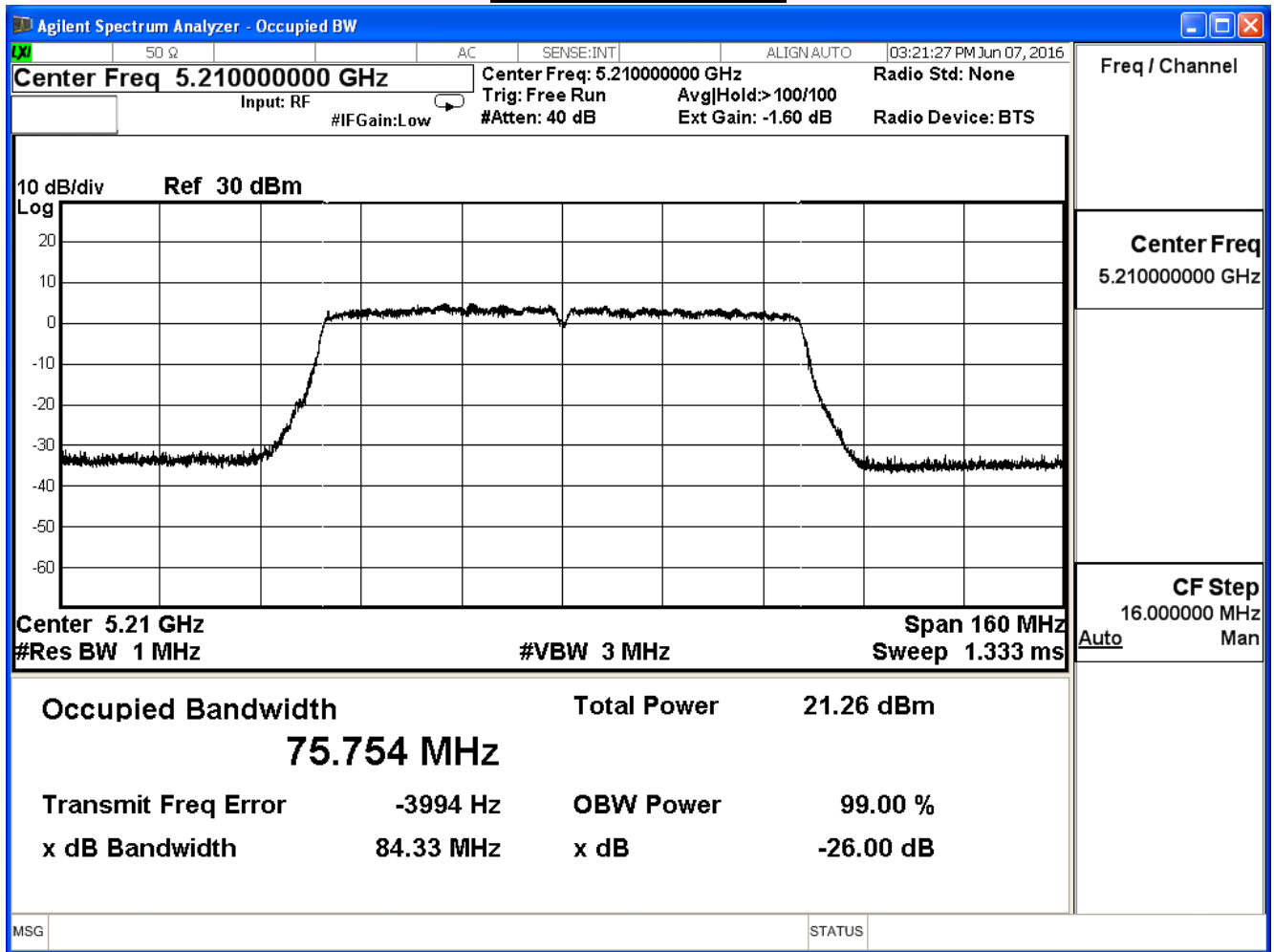
**Channel 42 (5210MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11ac_80M(ANT 2)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
42	5210	84.33	75.754	--	Pass

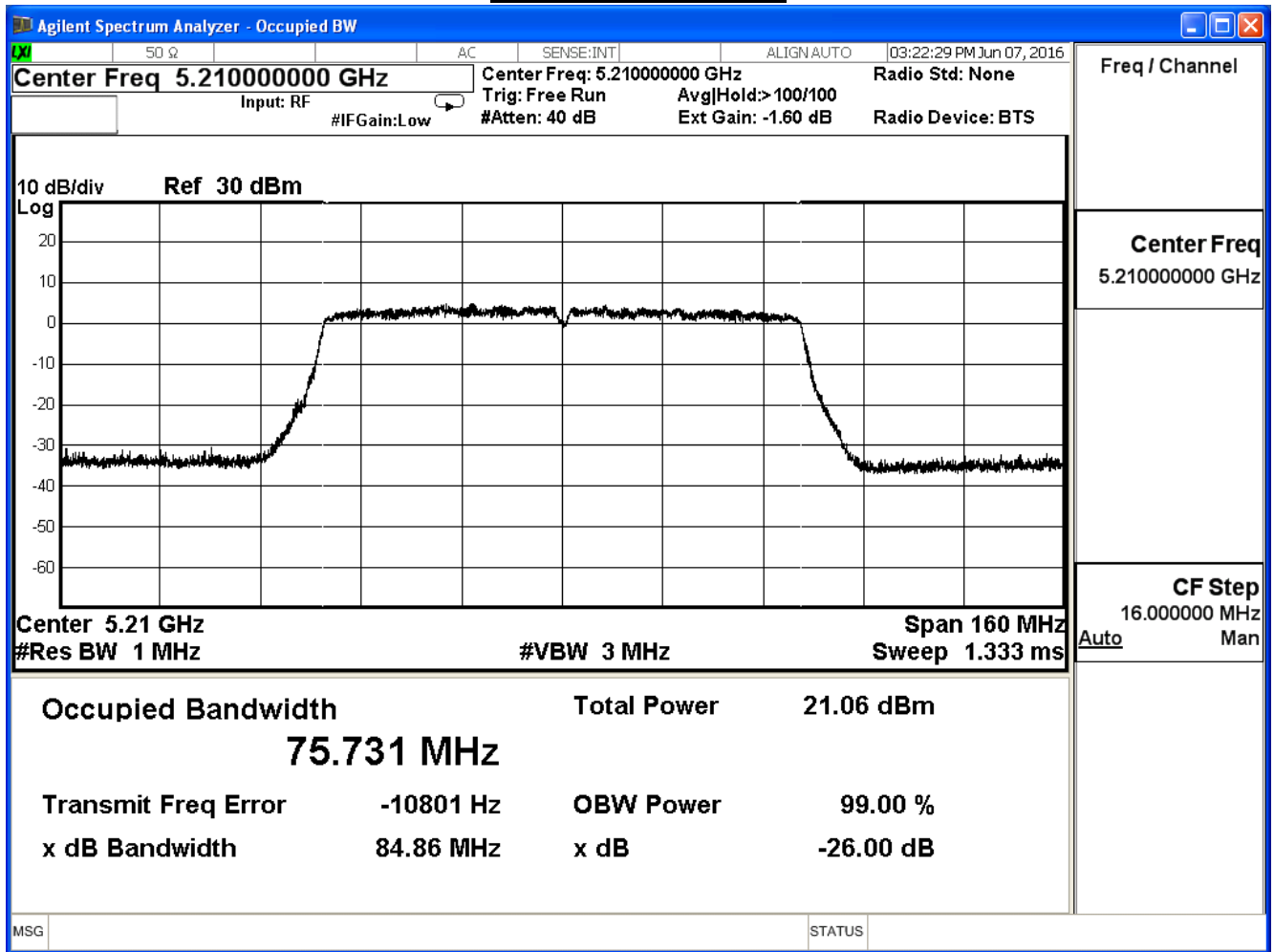
**Channel 42 (5210MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/07	Test Site	SR7

802.11ac_80M(ANT 3)					
Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
42	5210	84.86	75.731	--	Pass

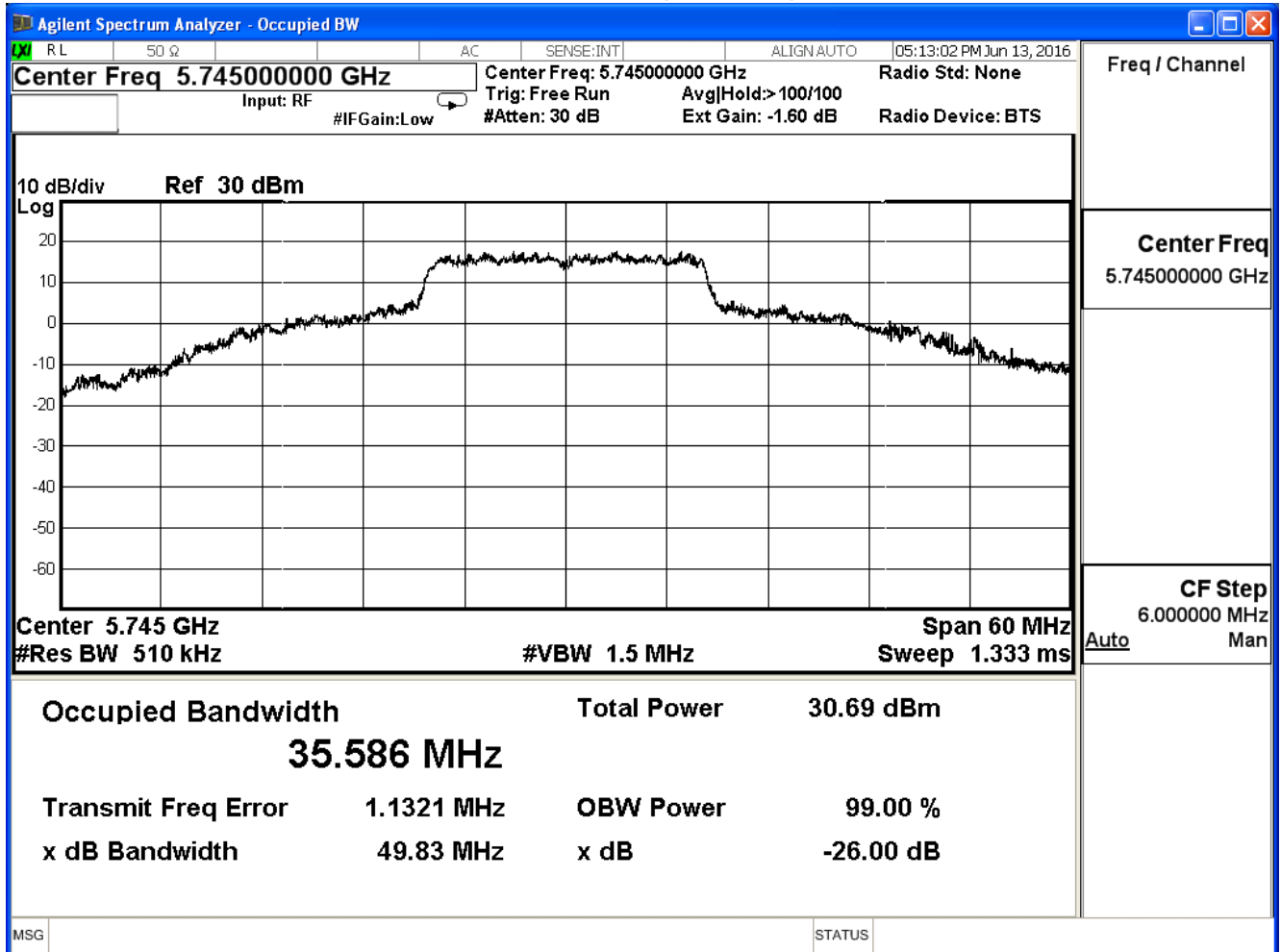
**Channel 42 (5210MHz)**



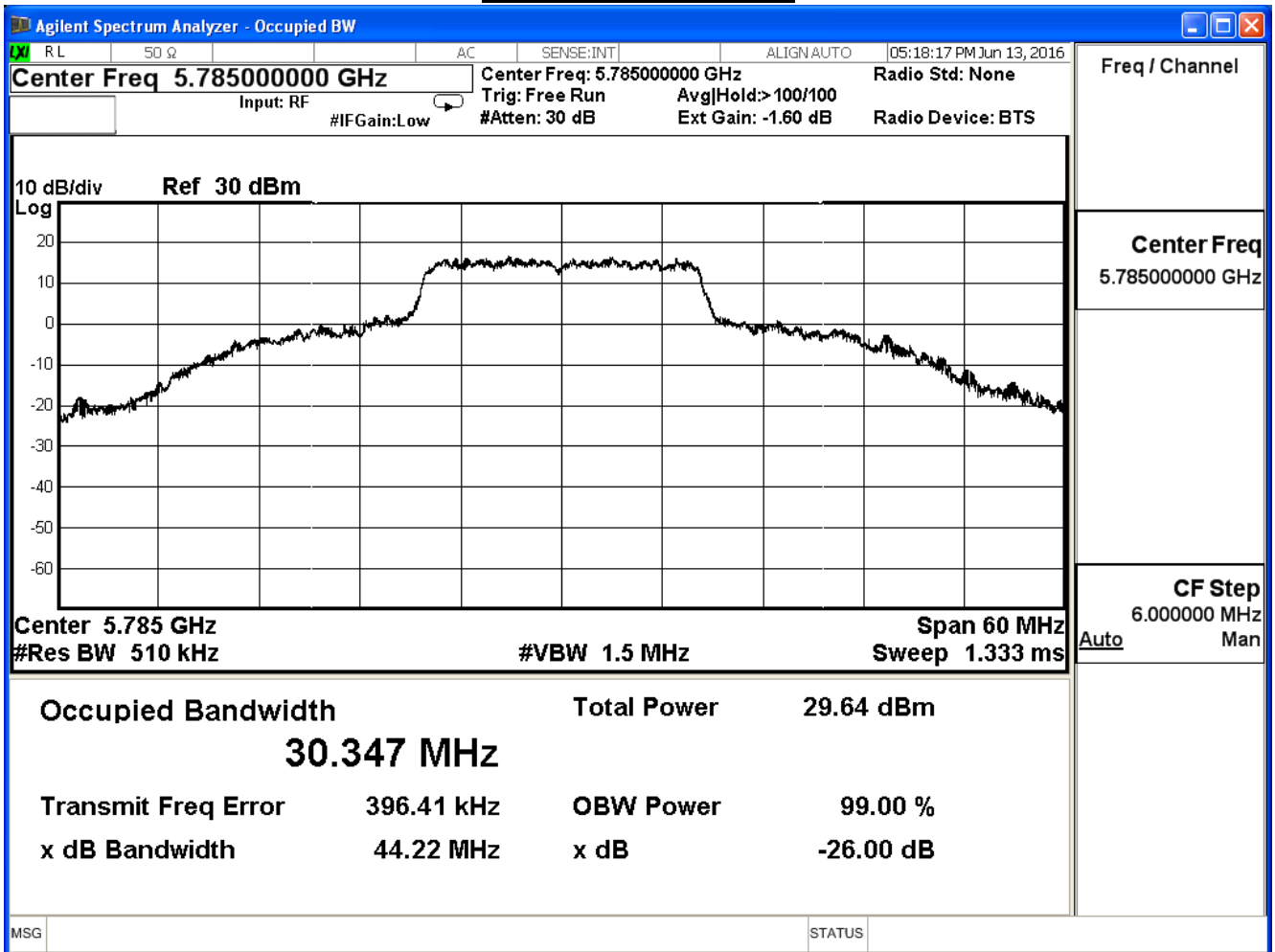
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11a (ANT0)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
149	5745	35.586	--
157	5785	30.347	--
165	5825	31.007	--

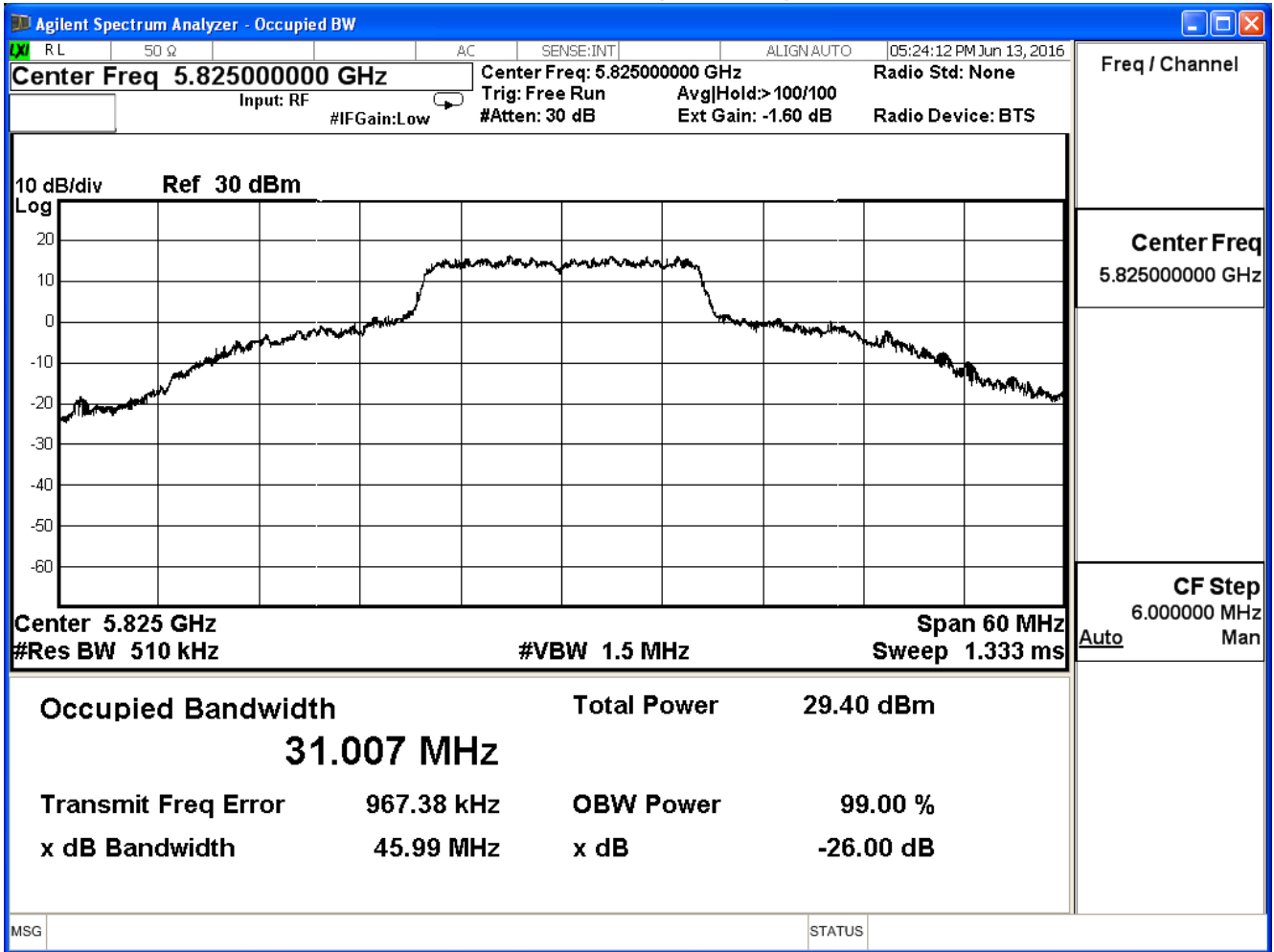
**Channel 149 (5745MHz)**



### Channel 157 (5785MHz)



**Channel 165 (5825MHz)**

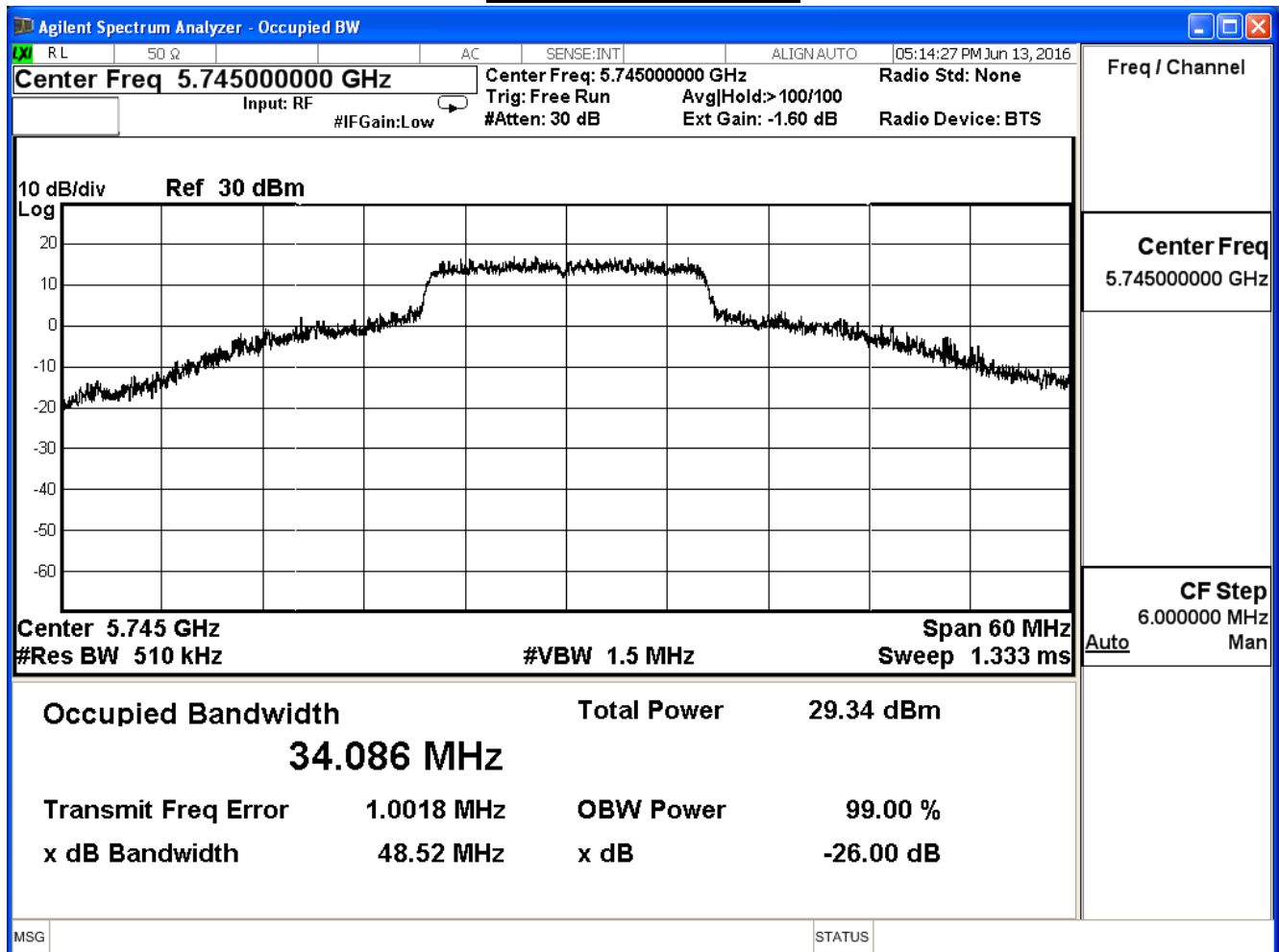


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11a (ANT1)

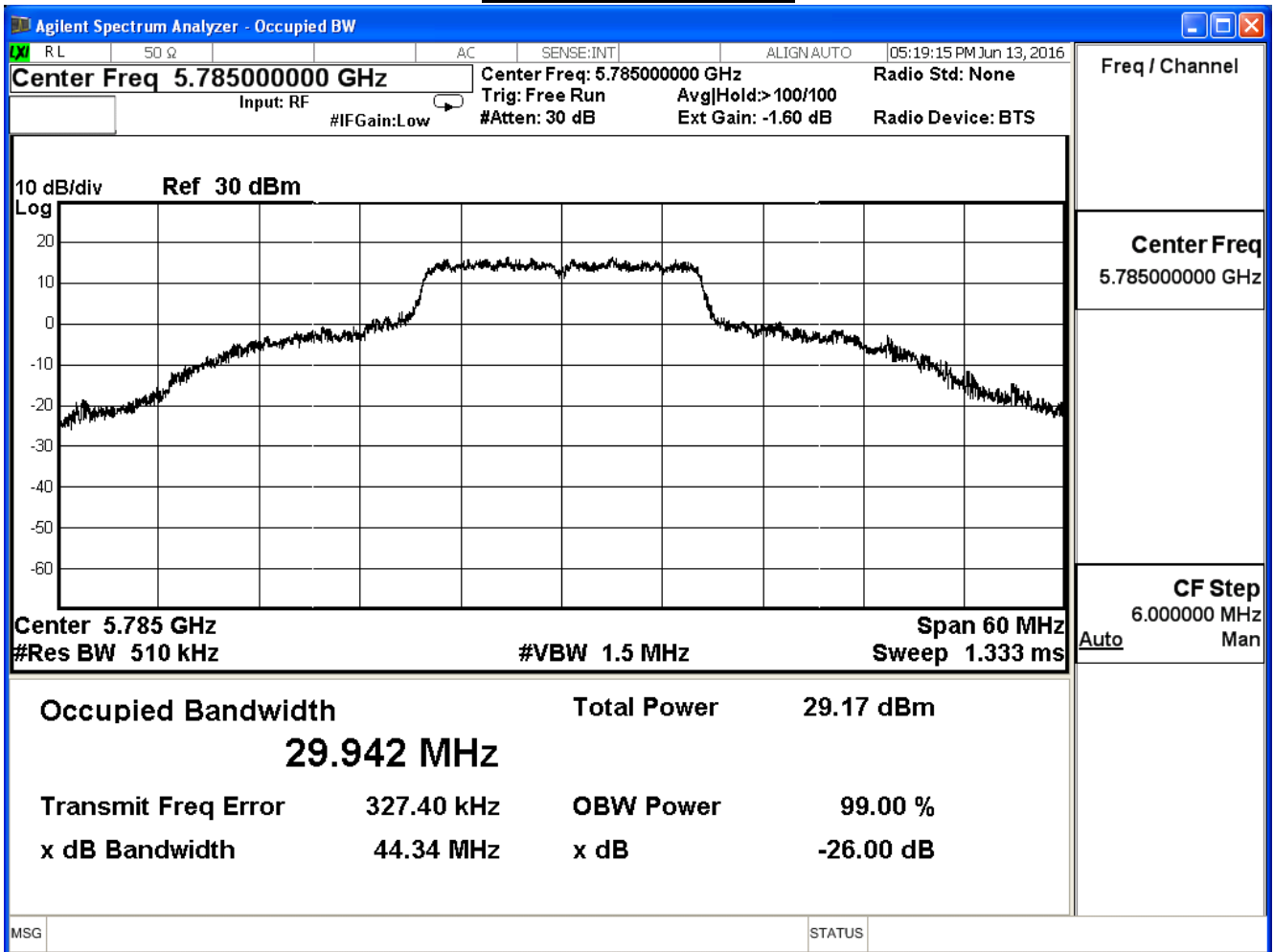
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
149	5745	34.086	--
157	5785	29.942	--
165	5825	30.609	--

**Channel 149 (5745MHz)**

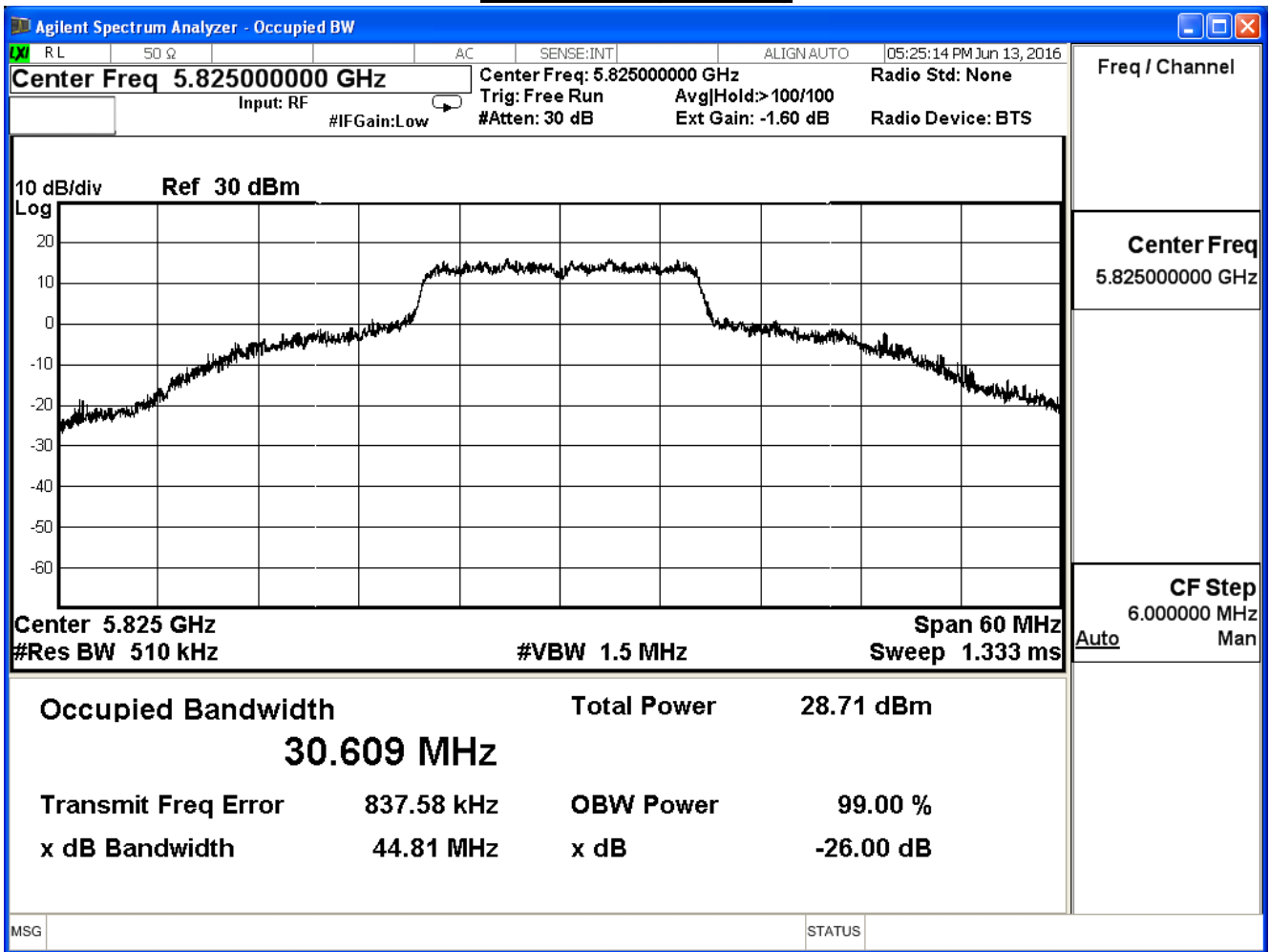




**Channel 157 (5785MHz)**



### Channel 165 (5825MHz)

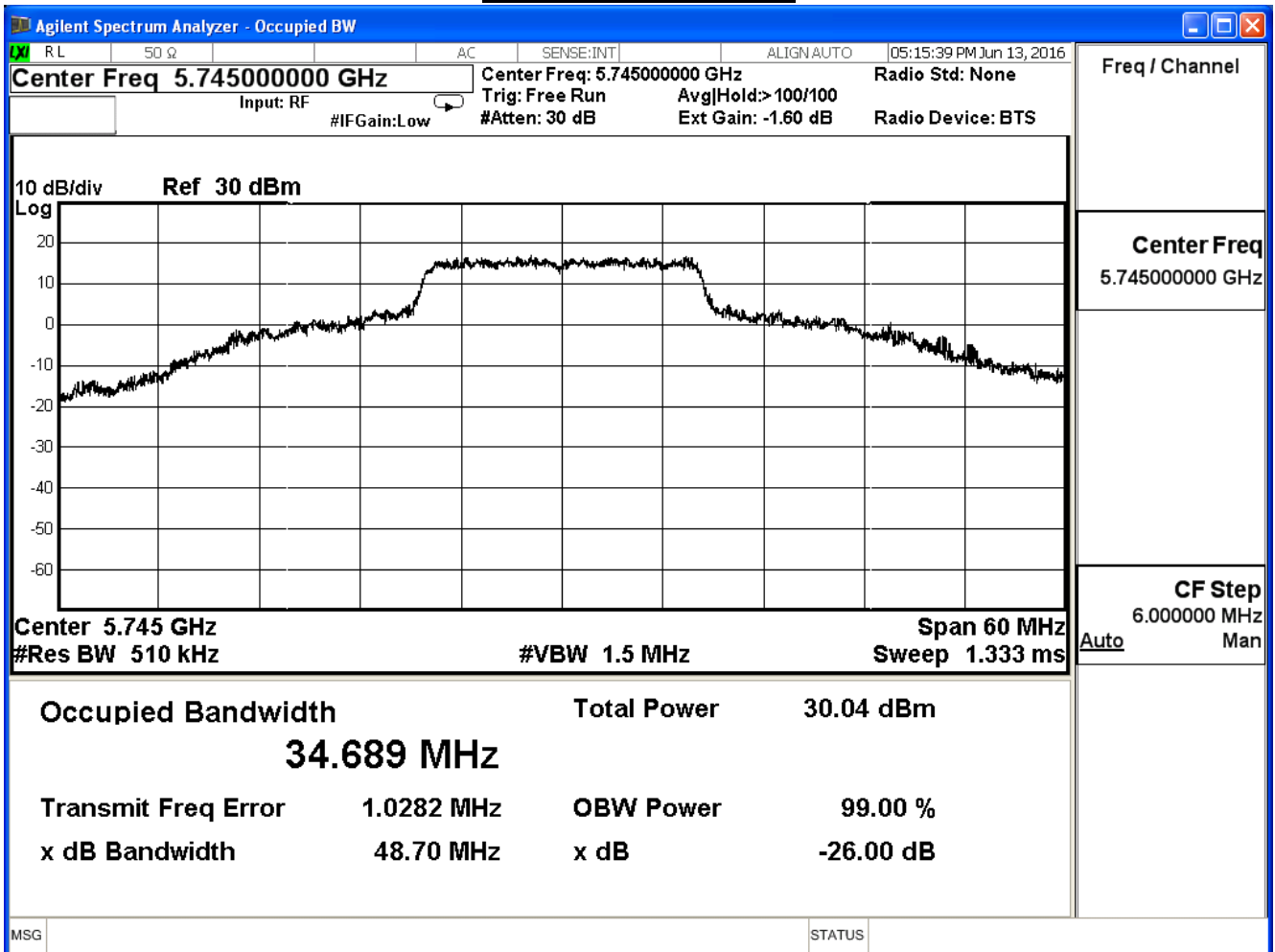


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

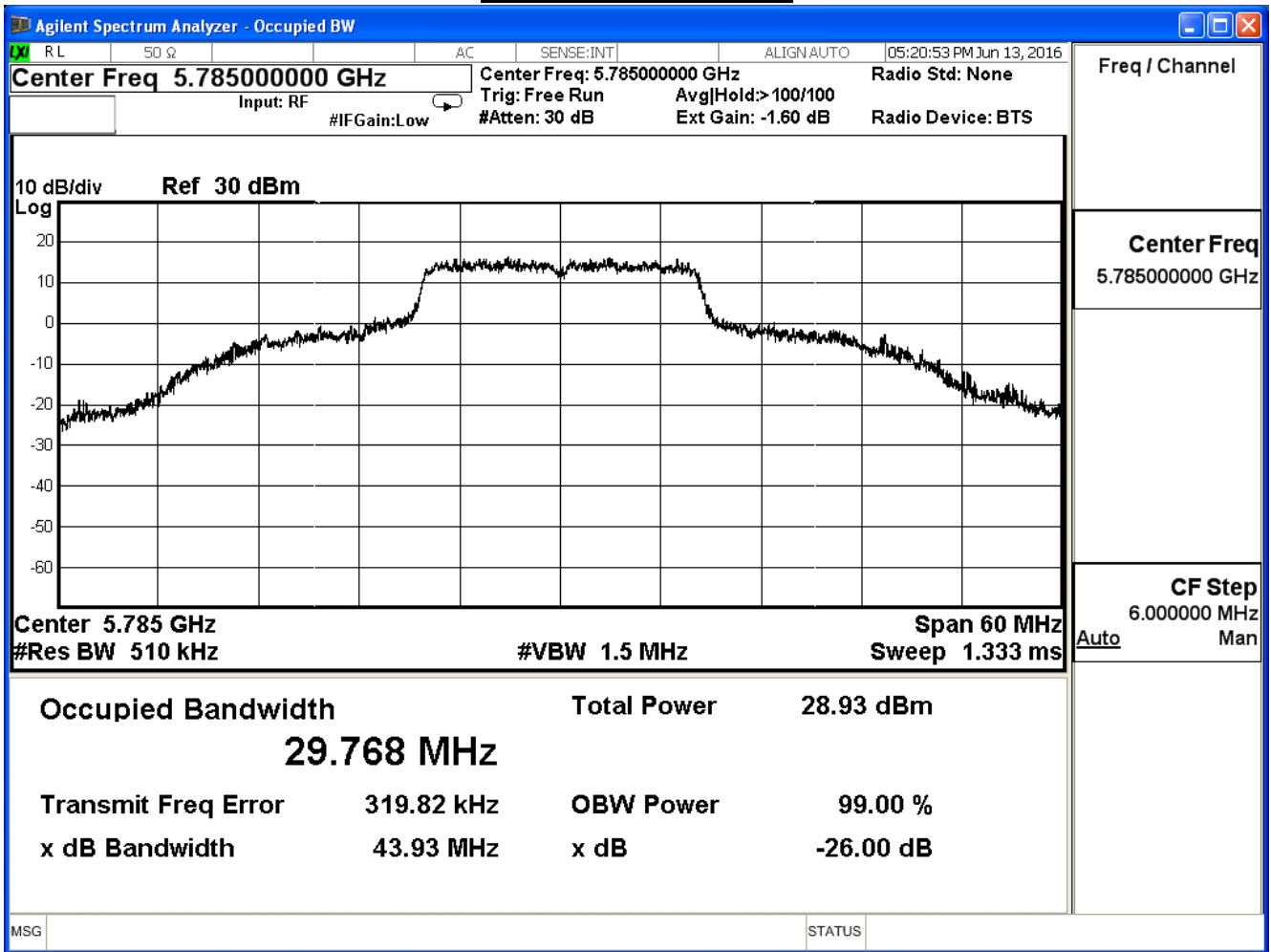
IEEE 802.11a (ANT2)

Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
149	5745	34.689	--
157	5785	29.768	--
165	5825	30.838	--

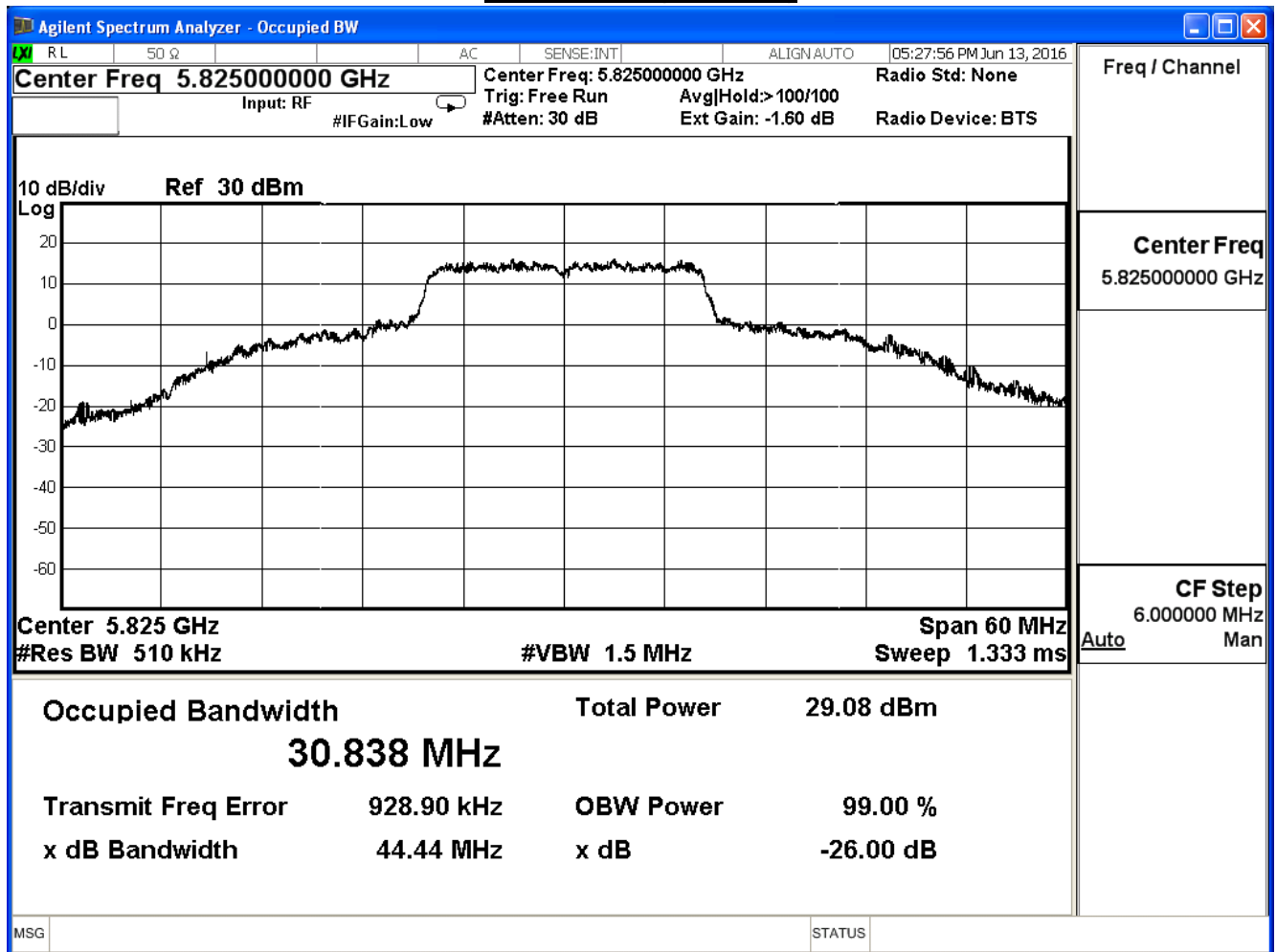
**Channel 149 (5745MHz)**



**Channel 157 (5785MHz)**



### Channel 165 (5825MHz)

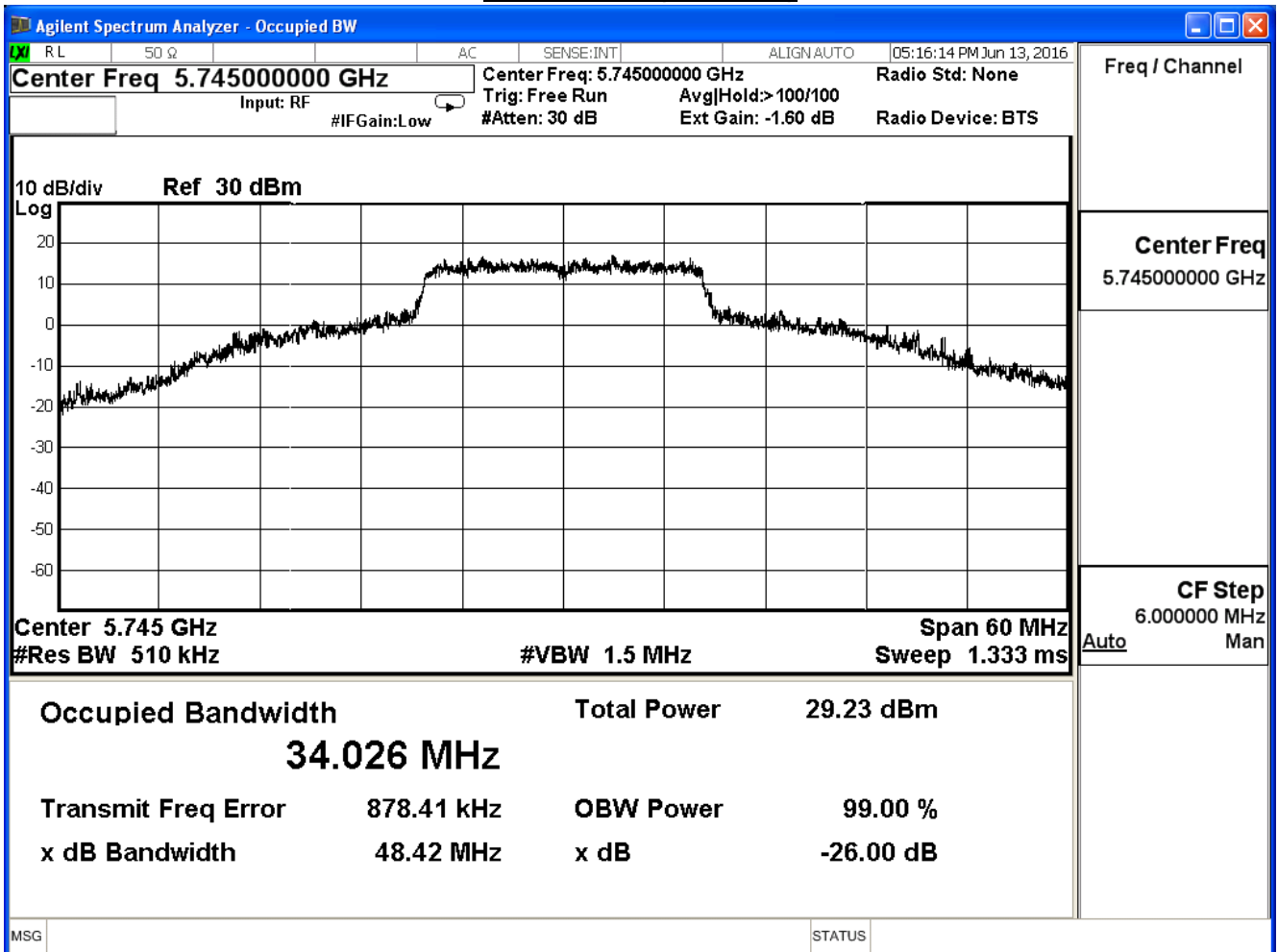


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

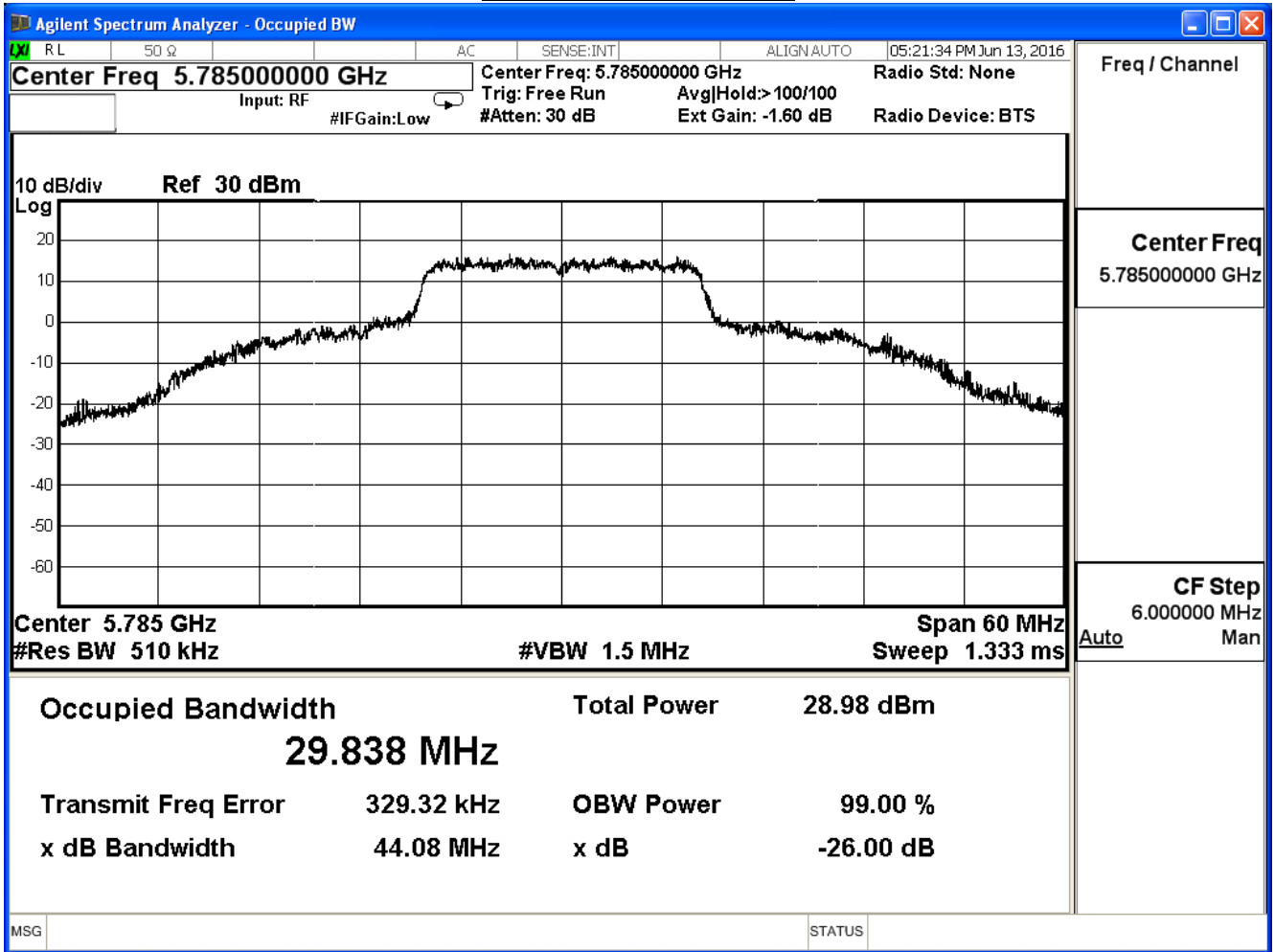
IEEE 802.11a (ANT3)

Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
149	5745	34.026	--
157	5785	29.838	--
165	5825	30.505	--

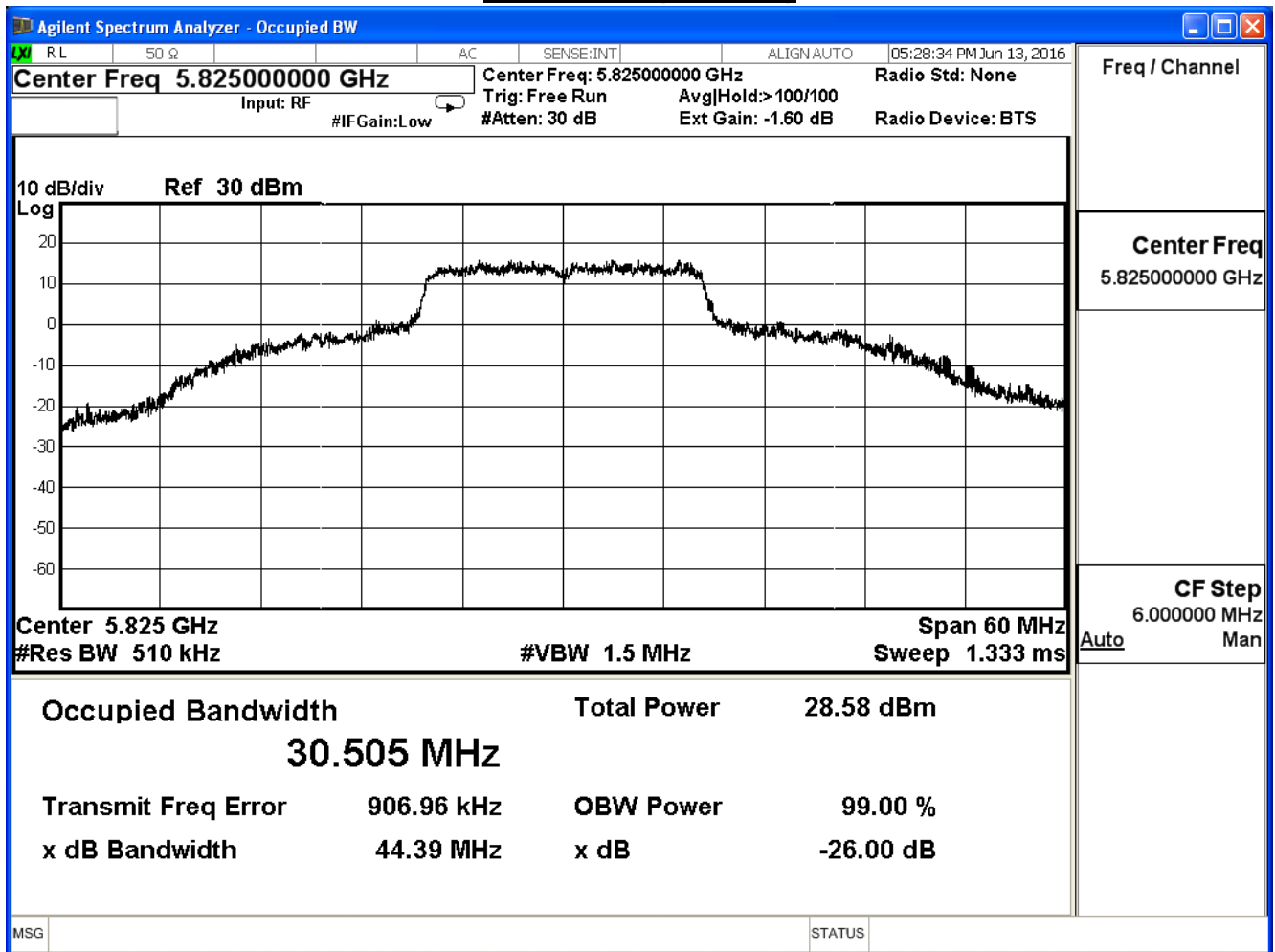
**Channel 149 (5745MHz)**



**Channel 157 (5785MHz)**



### Channel 165 (5825MHz)

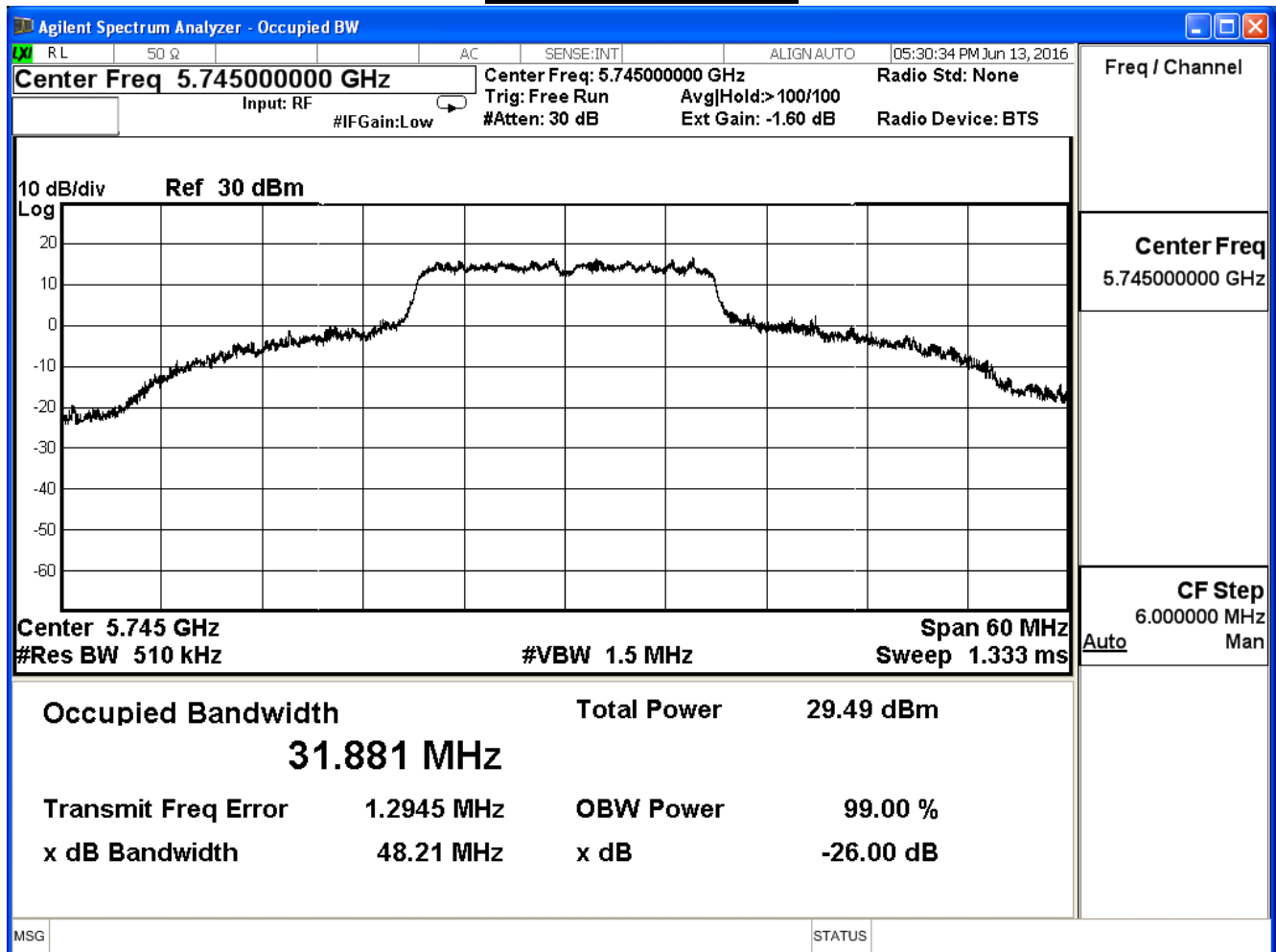




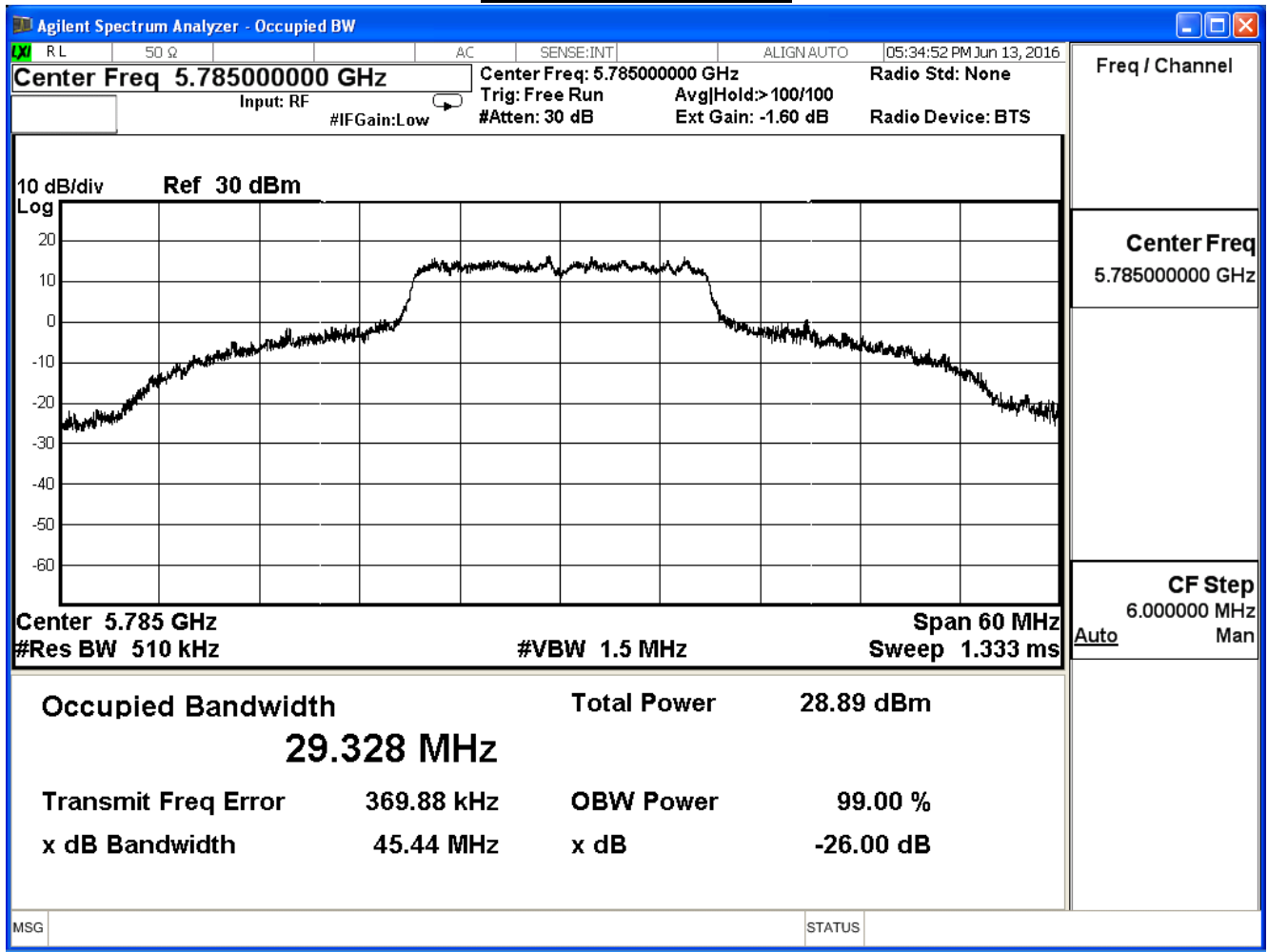
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11n_20M (ANT0)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
149	5745	31.881	--
157	5785	29.328	--
165	5825	30.678	--

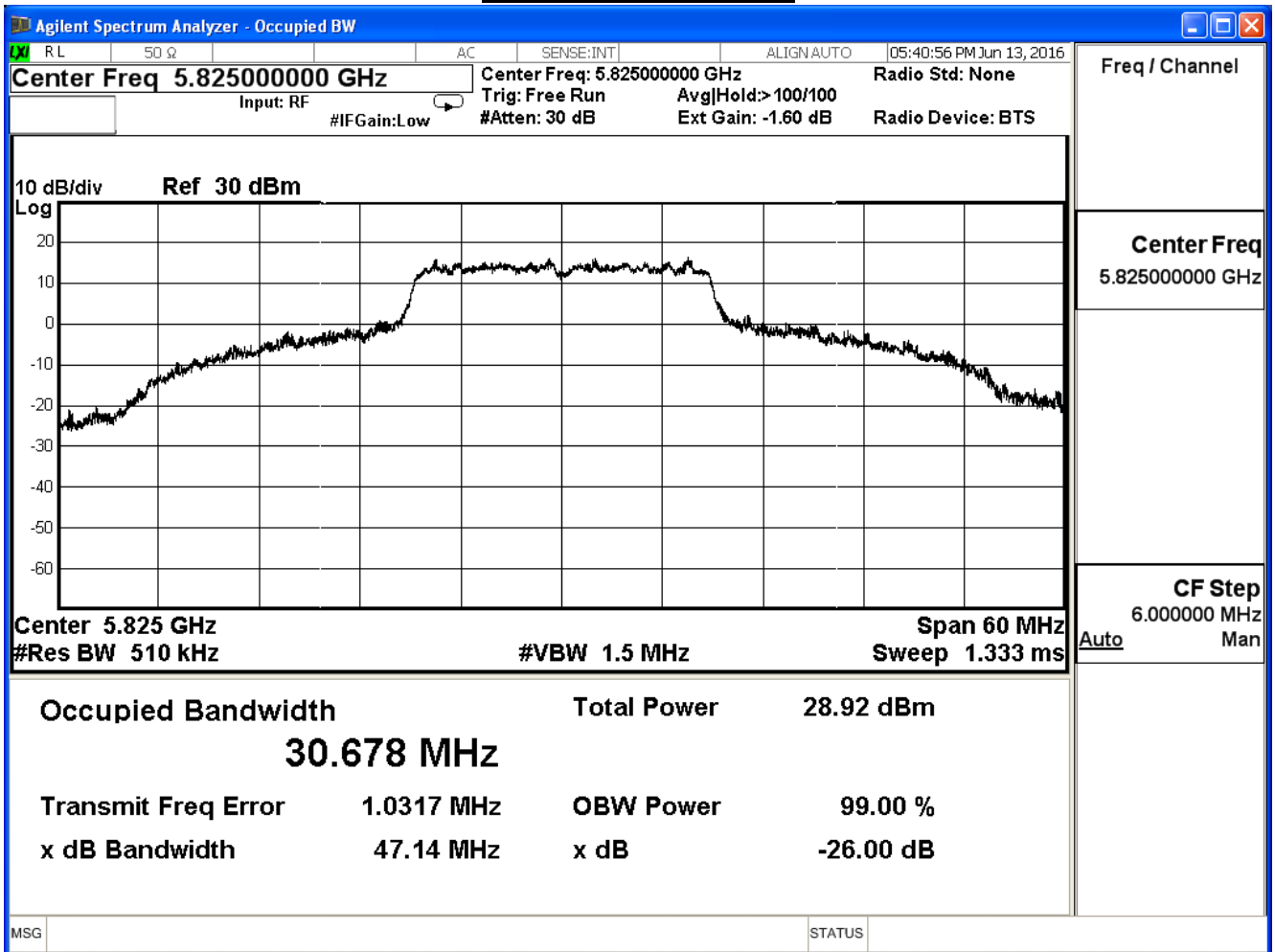
**Channel 149 (5745MHz)**



### Channel 157 (5785MHz)



**Channel 165 (5825MHz)**

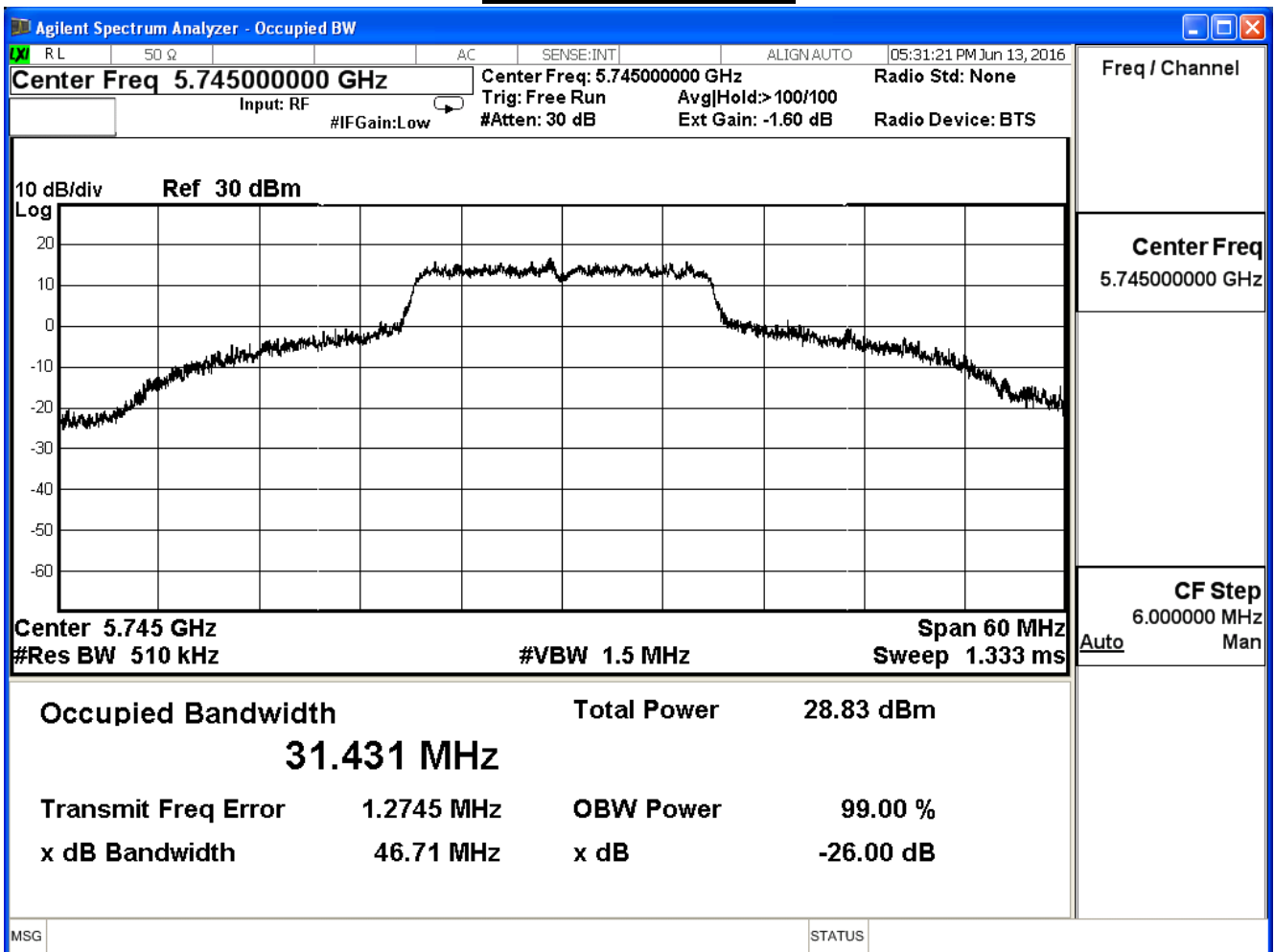


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

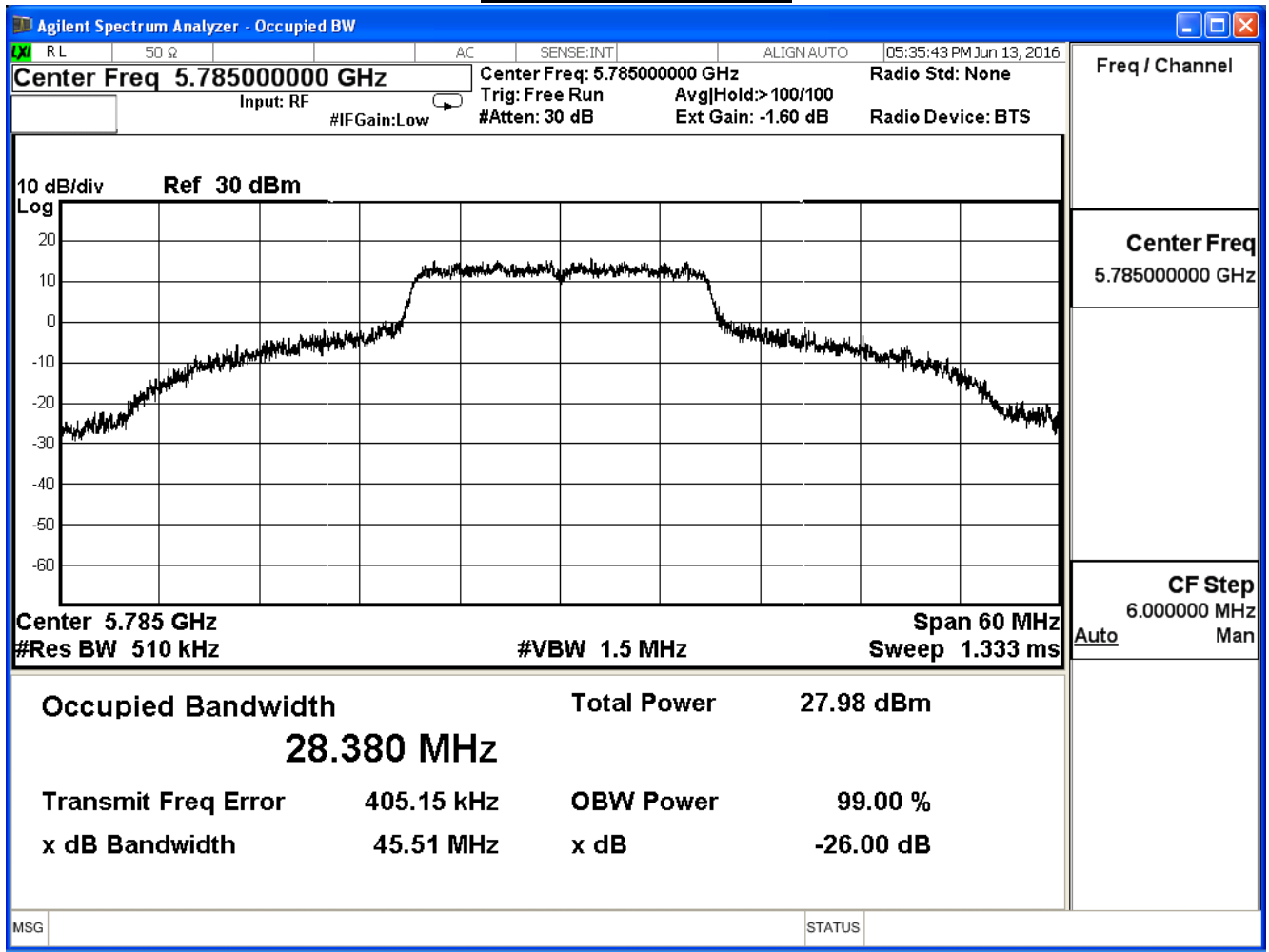
IEEE 802.11n\_20M (ANT1)

Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
149	5745	31.431	--
157	5785	28.380	--
165	5825	29.538	--

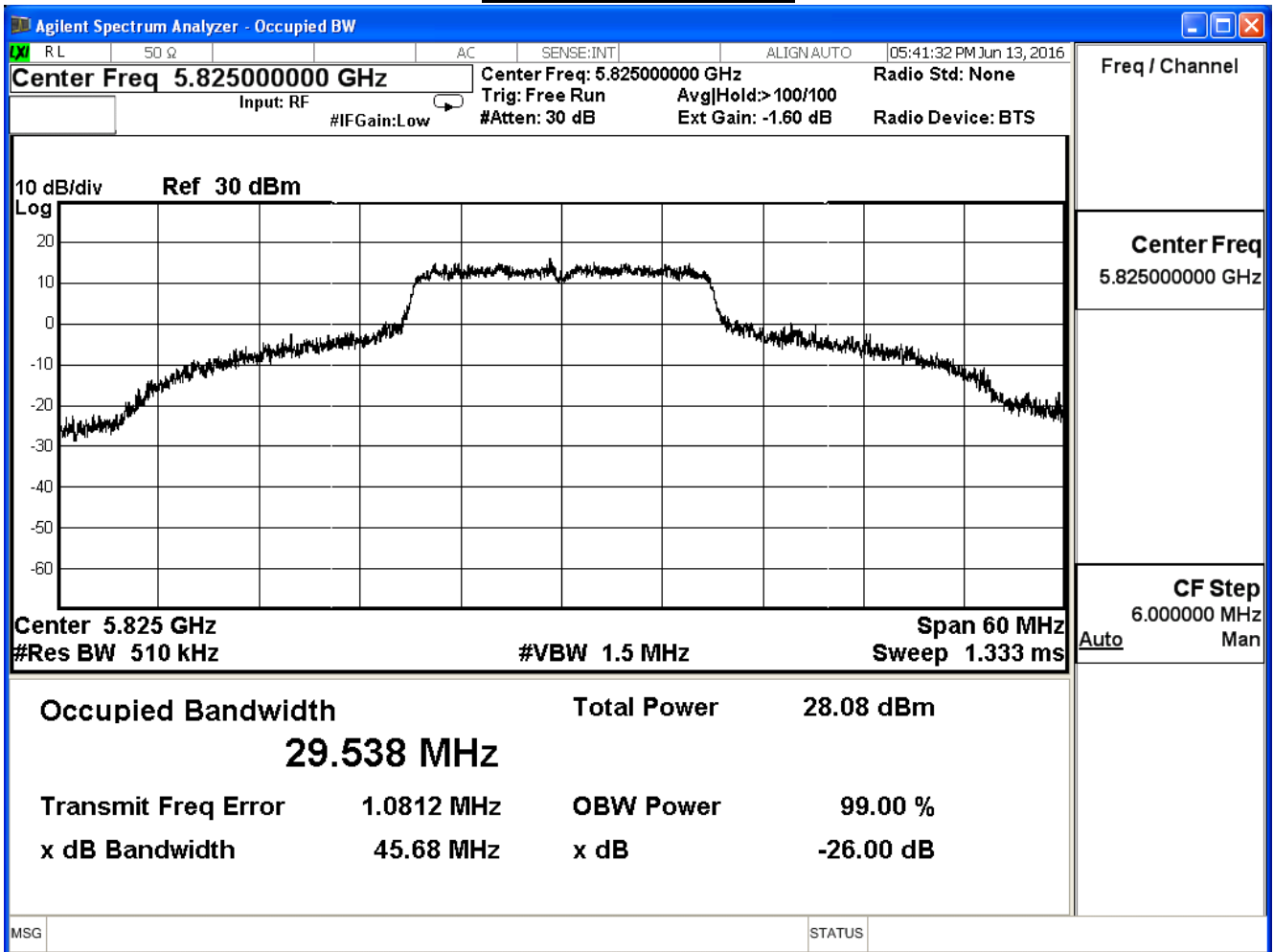
**Channel 149 (5745MHz)**



### Channel 157 (5785MHz)



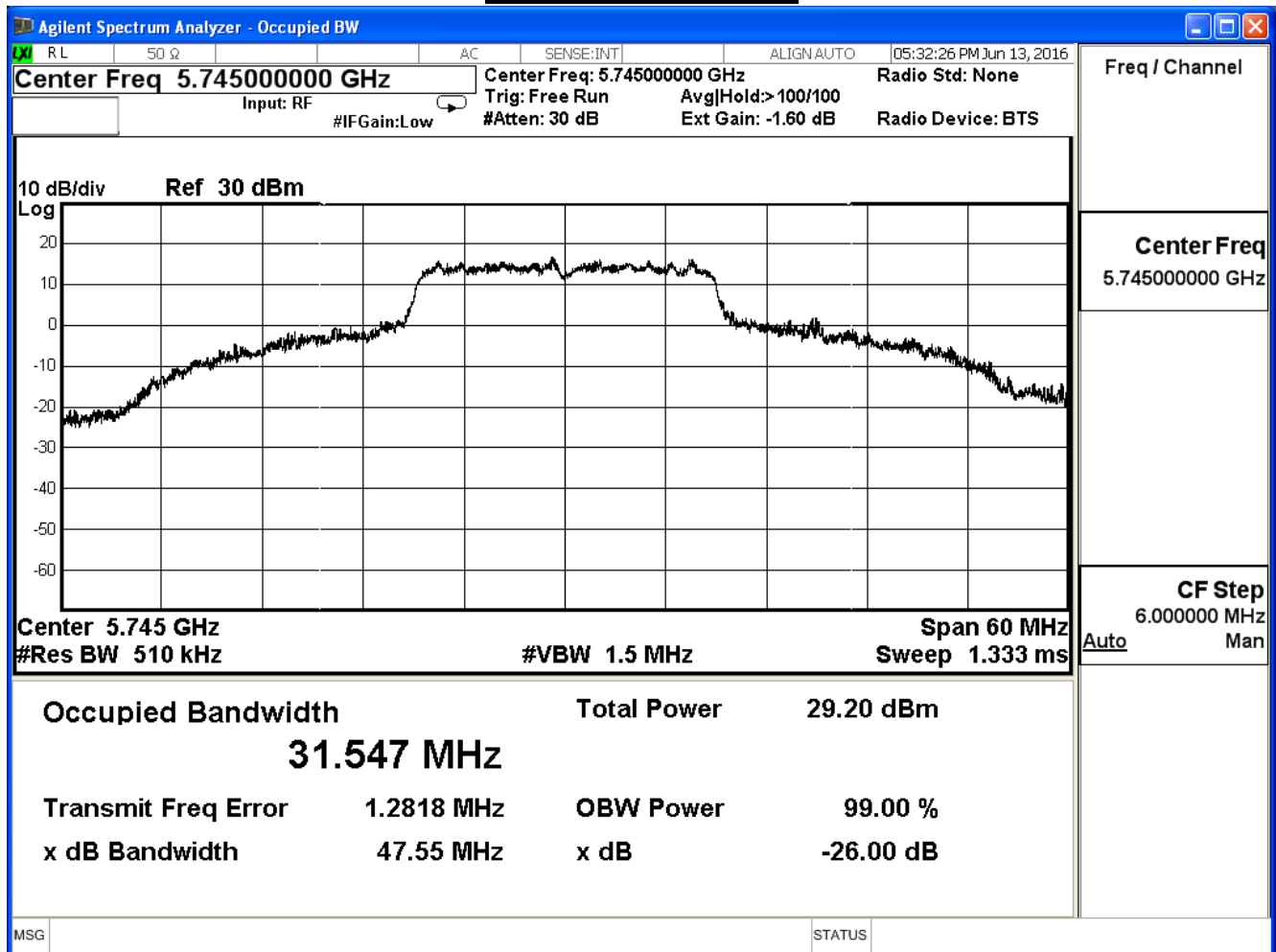
### Channel 165 (5825MHz)



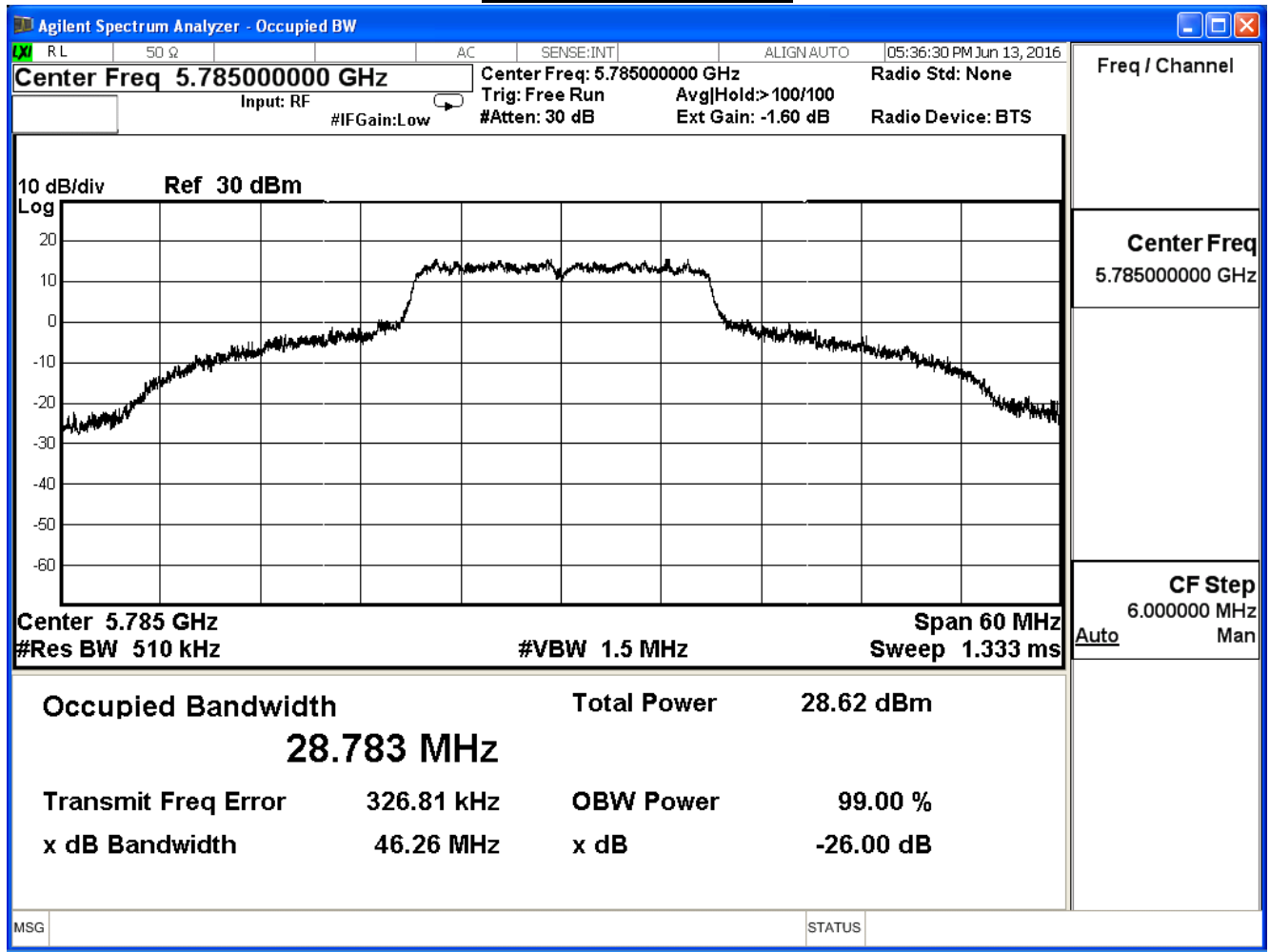
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11n_20M (ANT2)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
149	5745	31.547	--
157	5785	28.783	--
165	5825	30.741	--

**Channel 149 (5745MHz)**

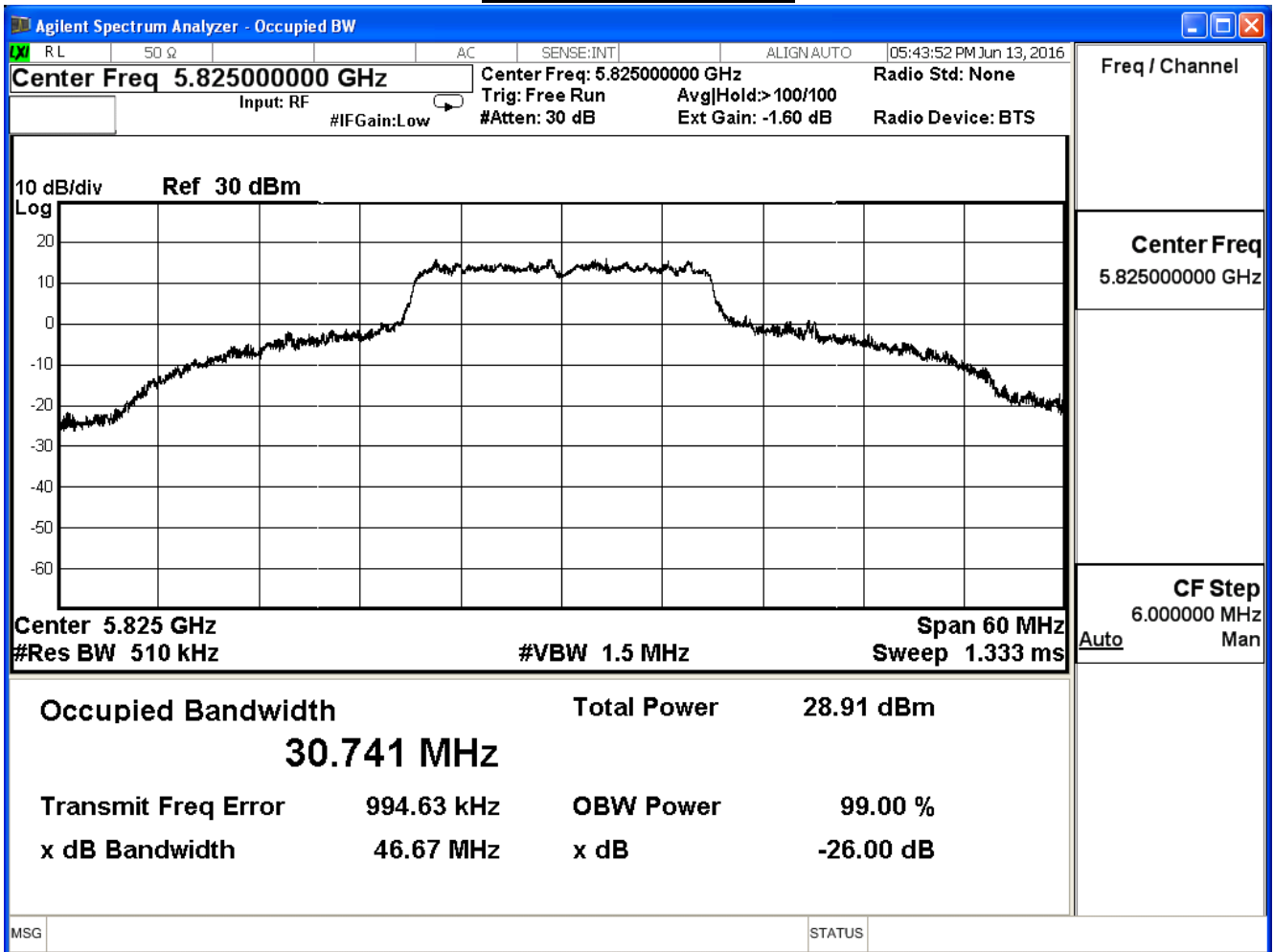


**Channel 157 (5785MHz)**





**Channel 165 (5825MHz)**

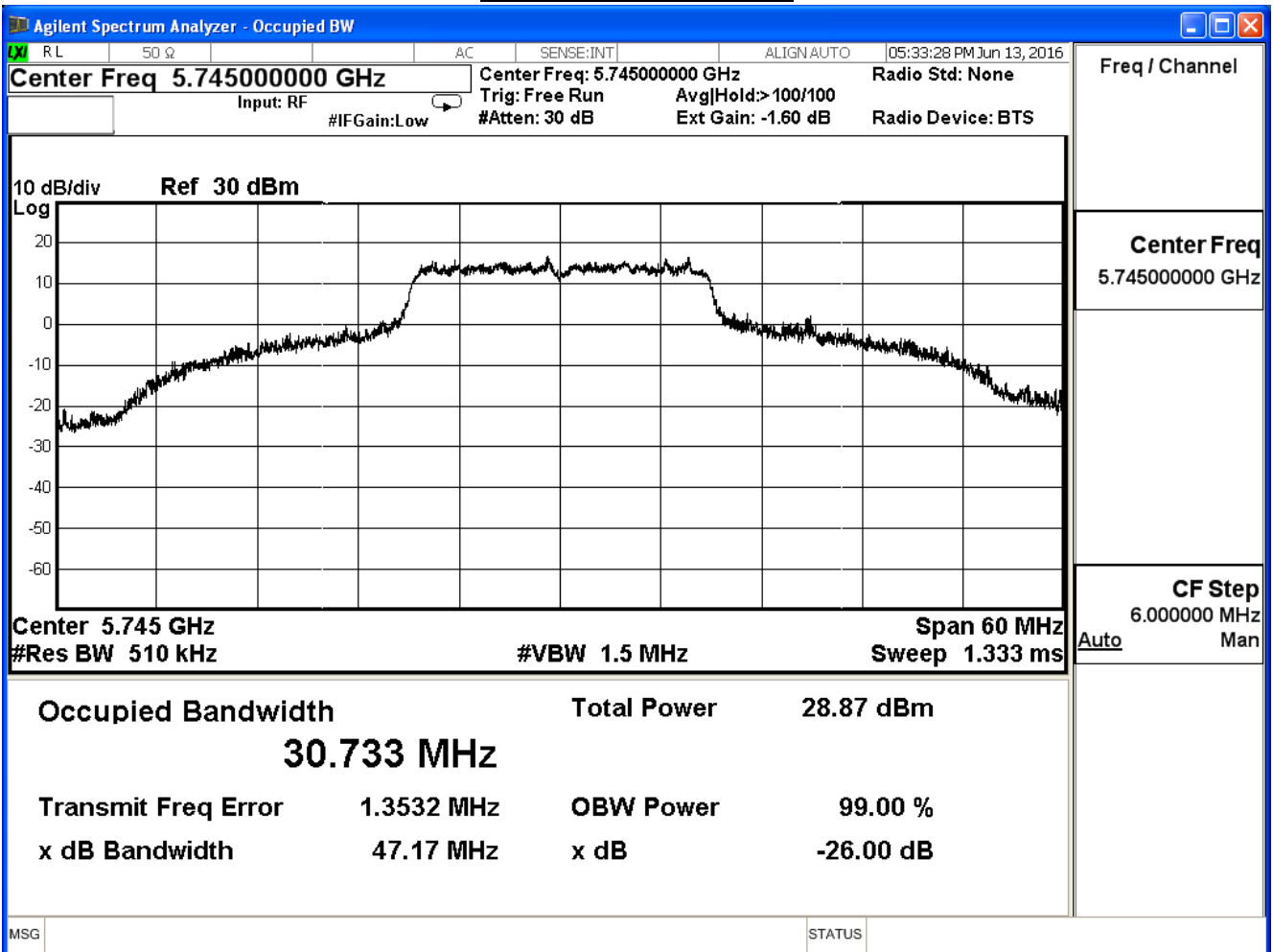


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

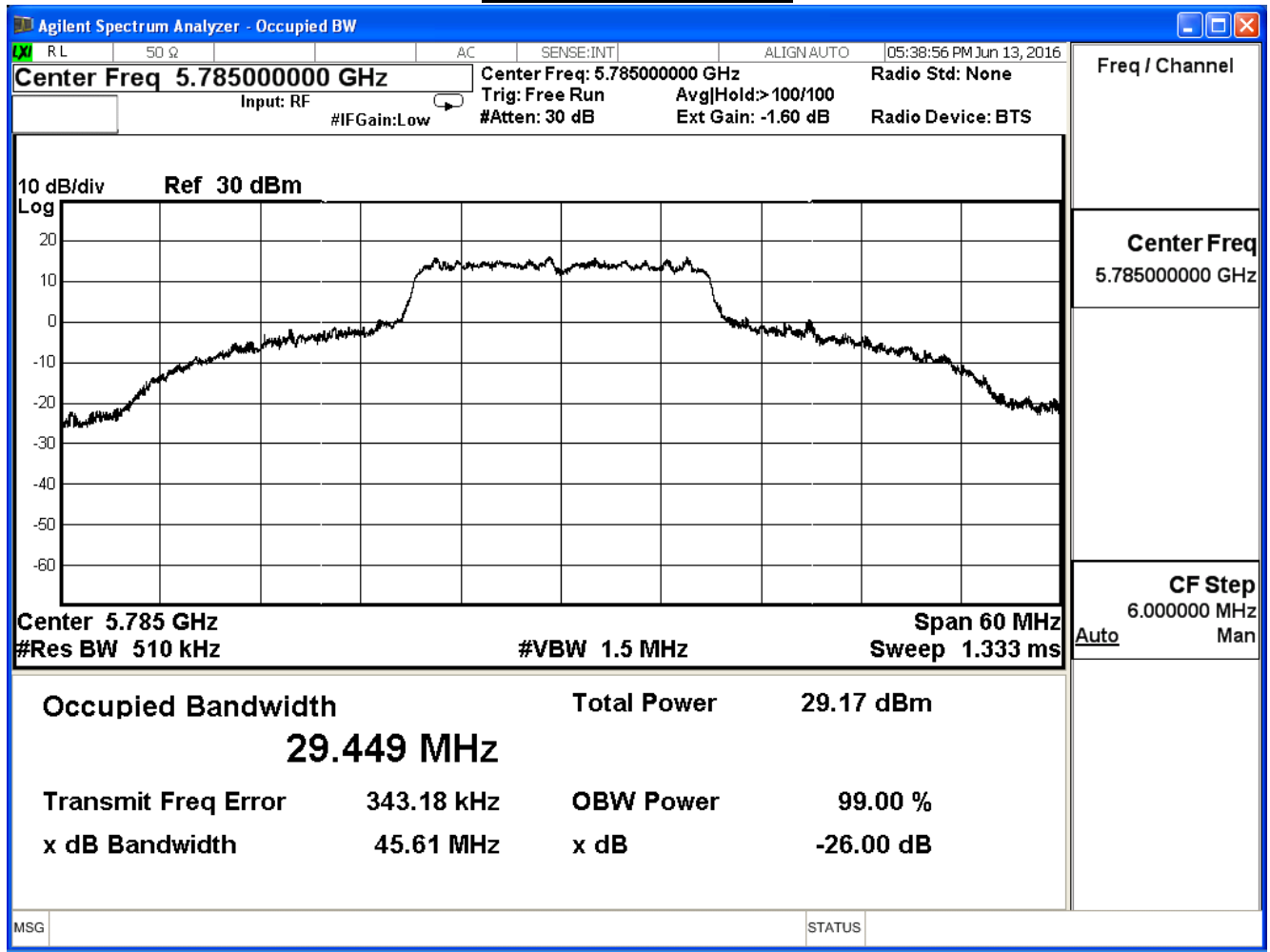
IEEE 802.11n\_20M (ANT3)

Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
149	5745	30.733	--
157	5785	29.449	--
165	5825	30.927	--

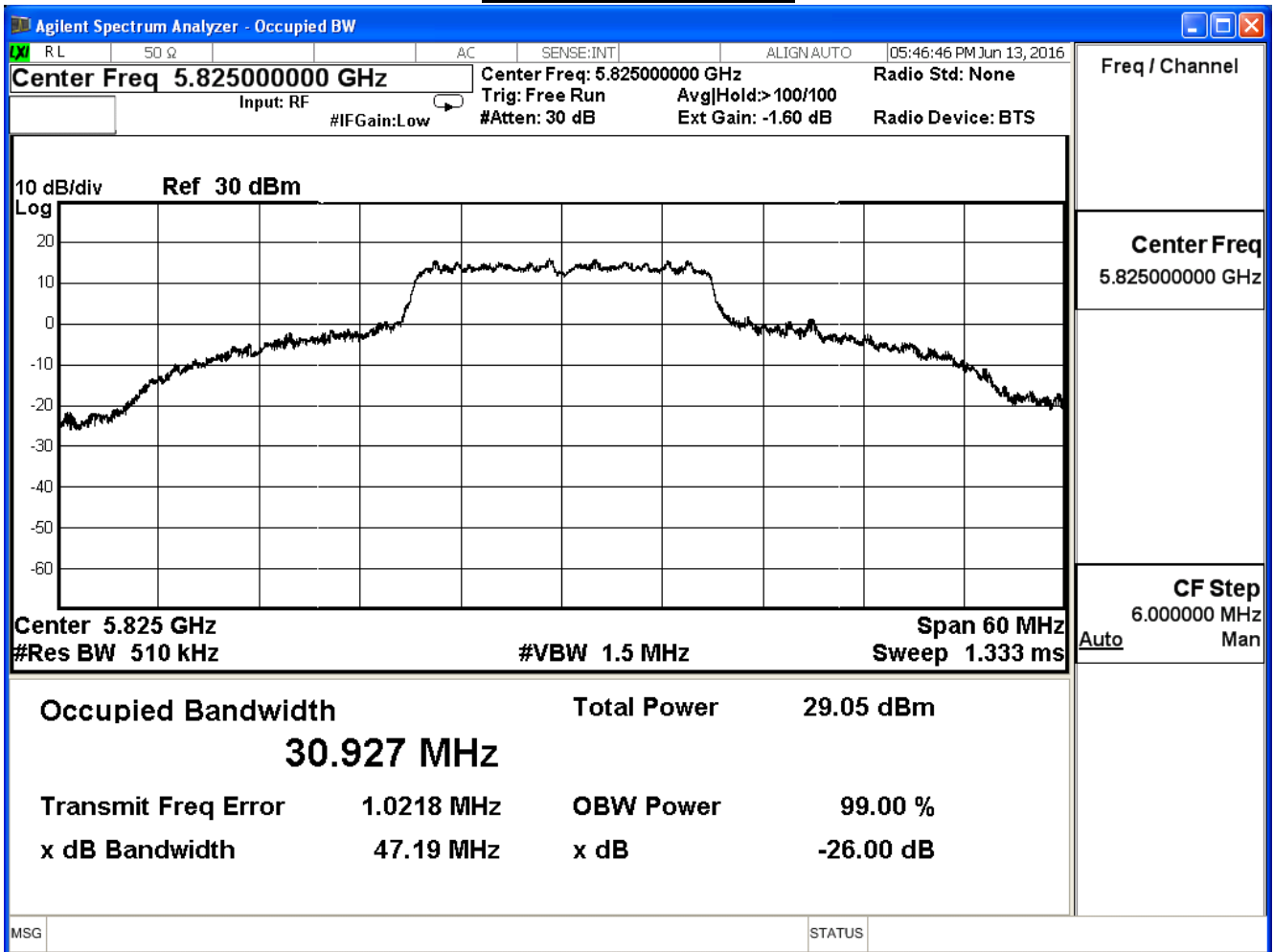
**Channel 149 (5745MHz)**



### Channel 157 (5785MHz)



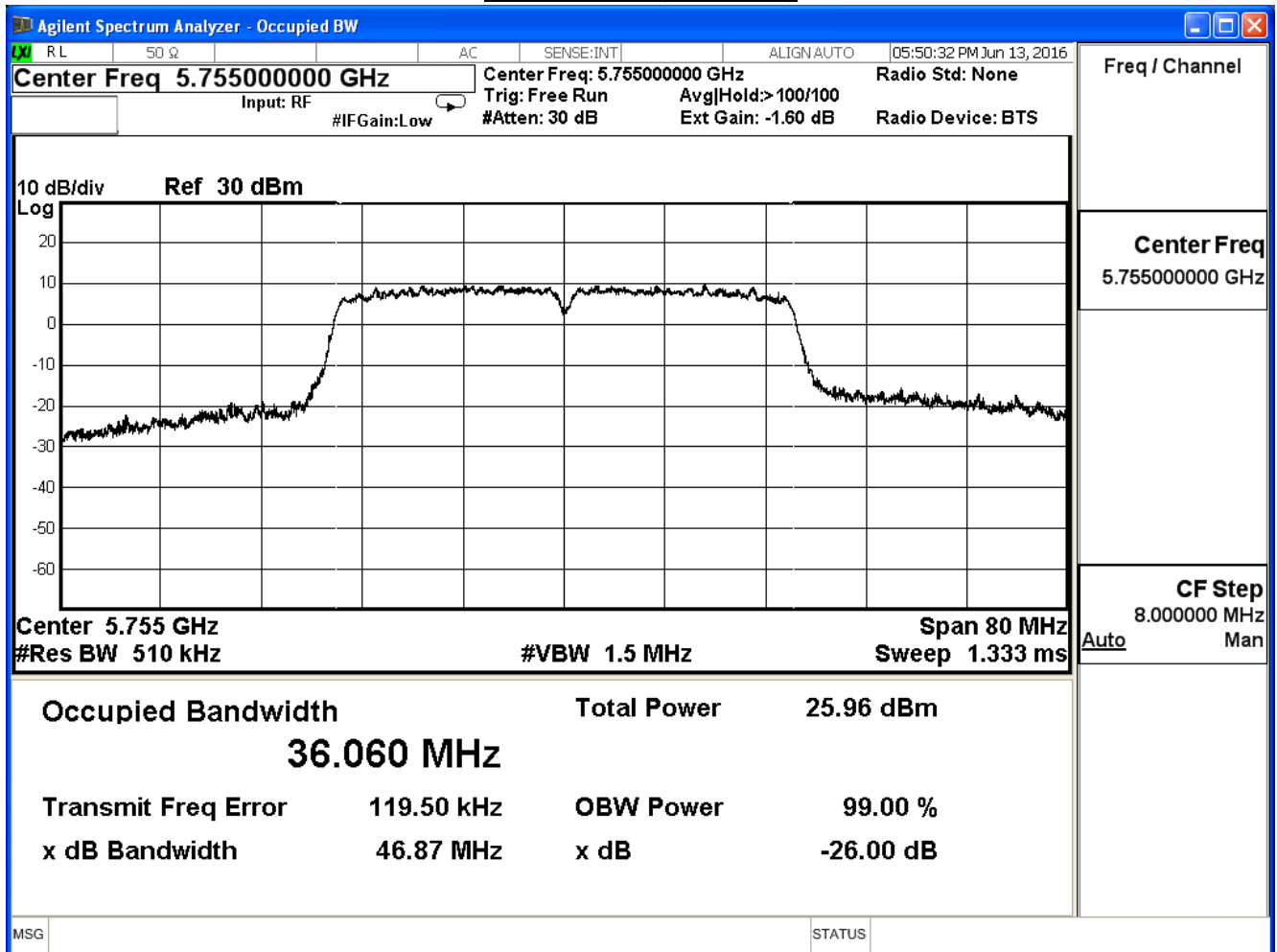
**Channel 165 (5825MHz)**



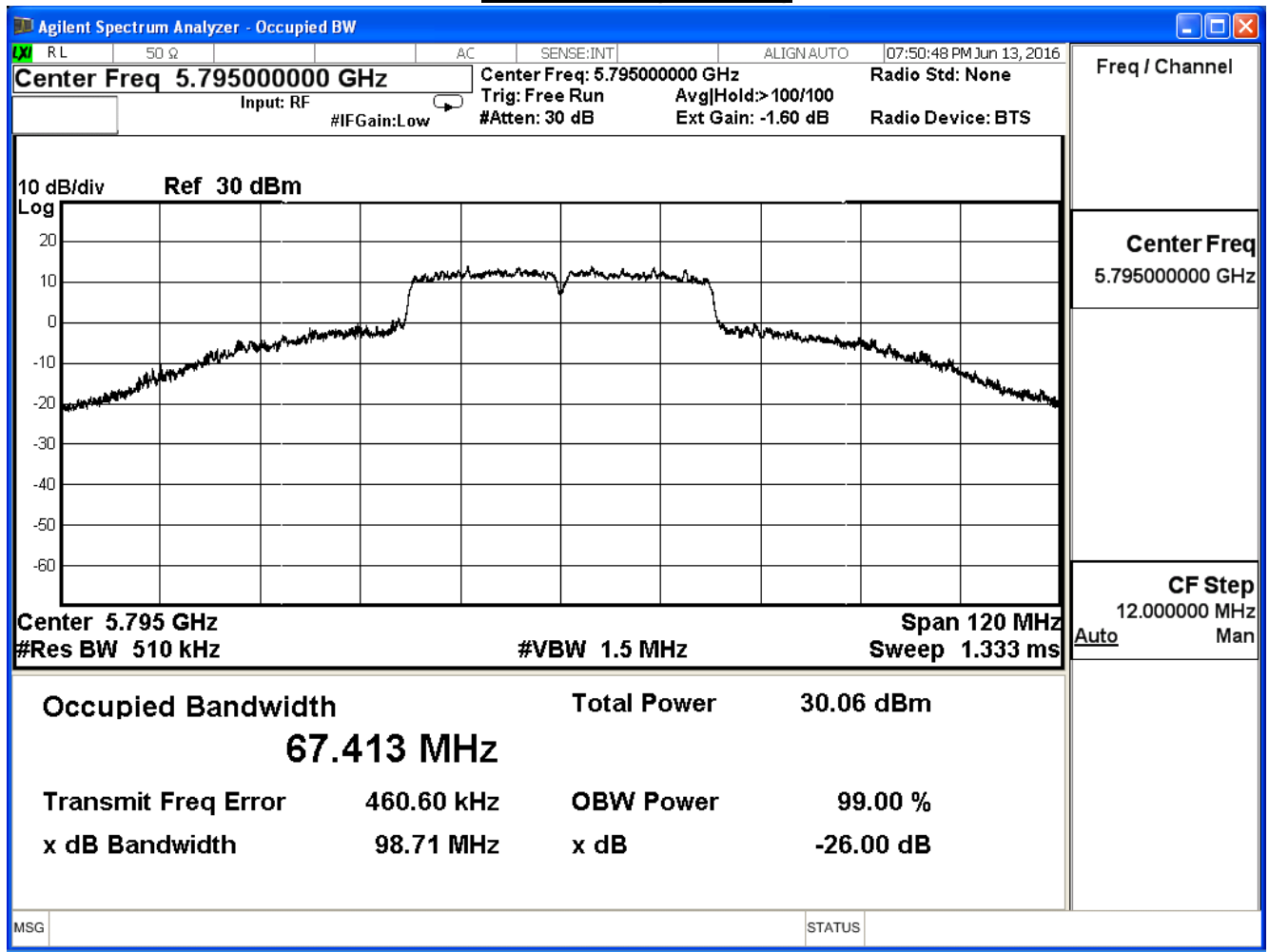
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11n_40M (ANT0)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
151	5755	36.060	--
159	5795	67.413	--

**Channel 151 (5755MHz)**



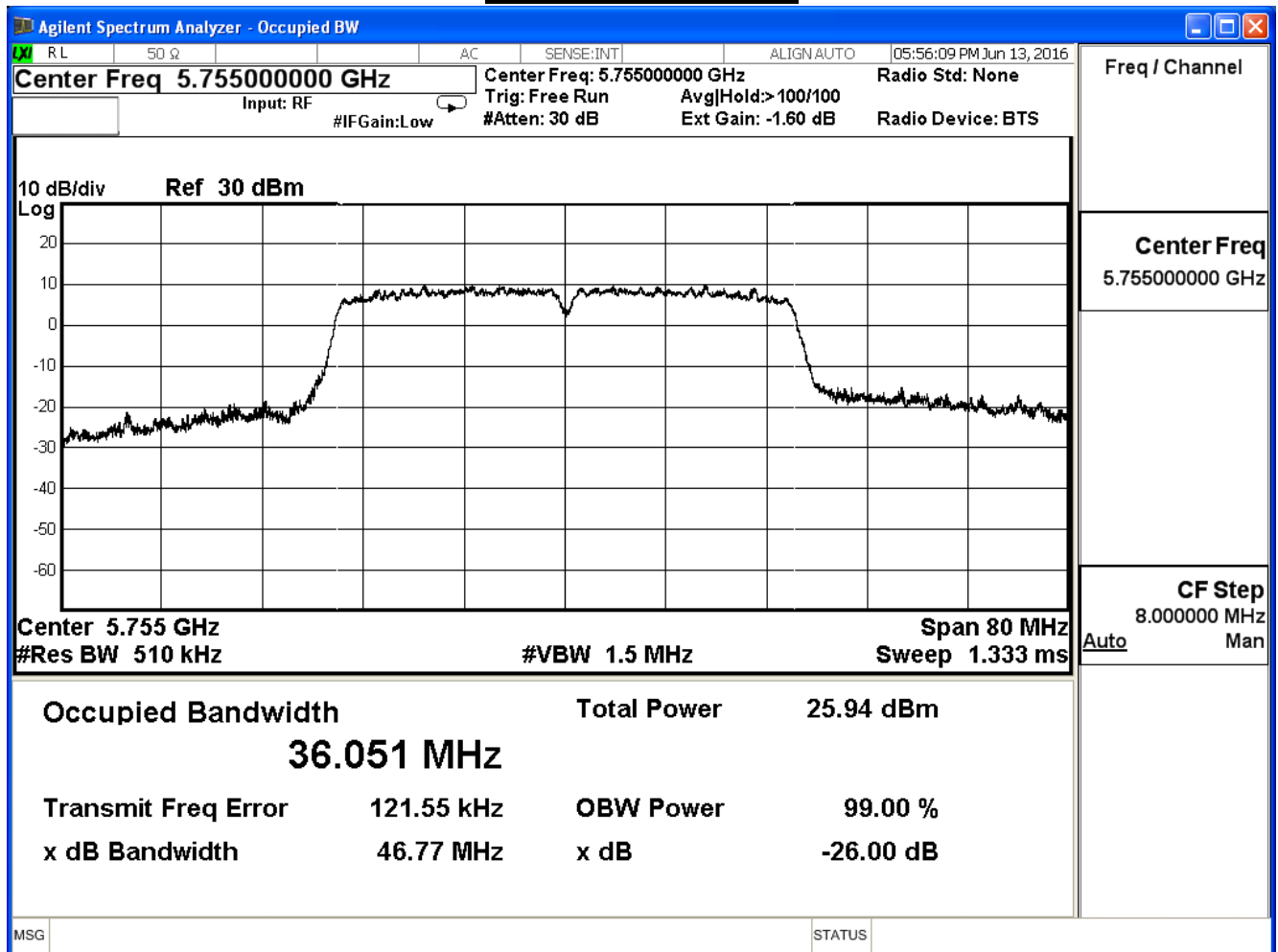
### Channel 159 (5795MHz)



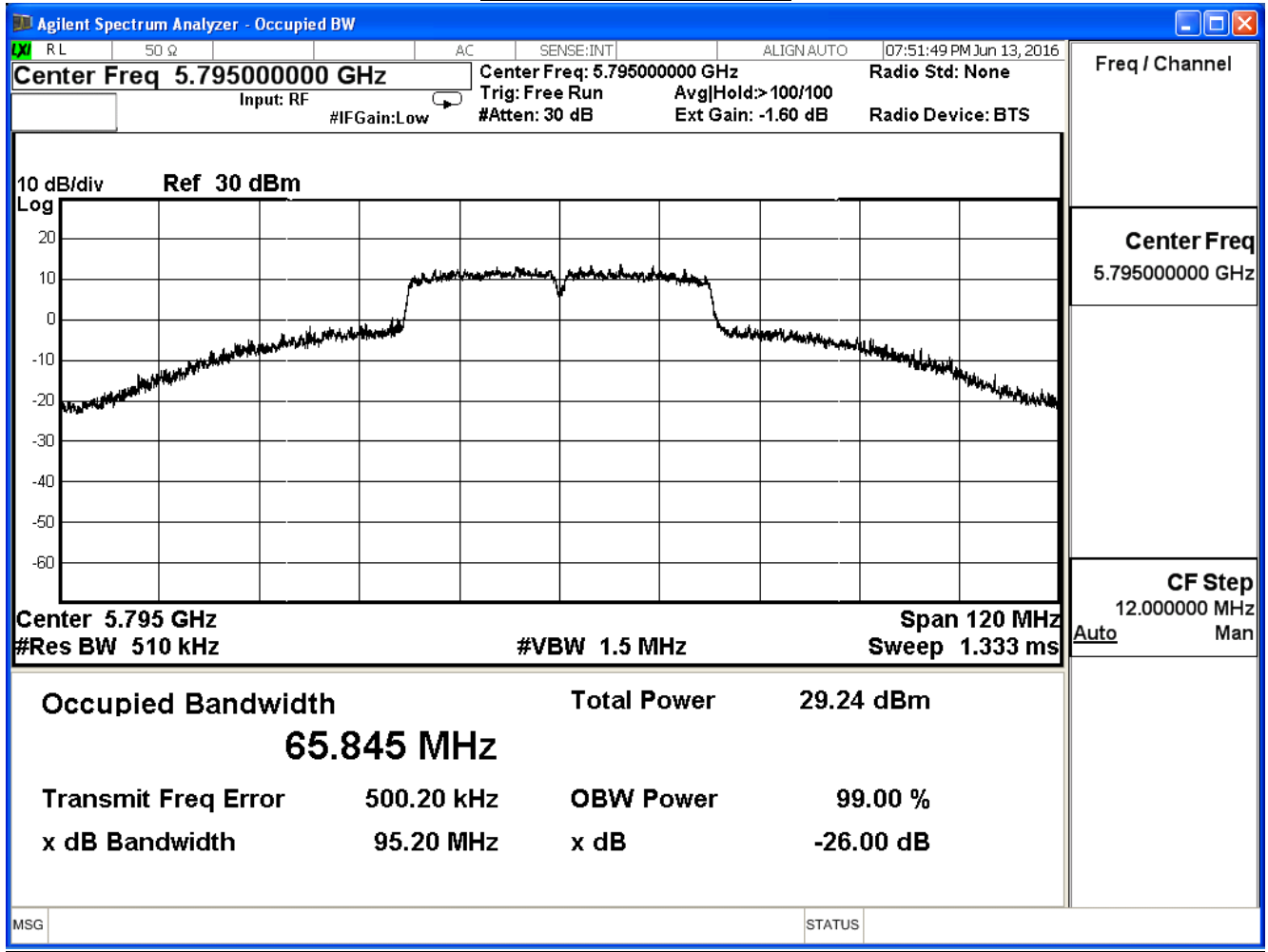
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11n_40M (ANT1)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
151	5755	36.051	--
159	5795	65.845	--

**Channel 151 (5755MHz)**



**Channel 159 (5795MHz)**

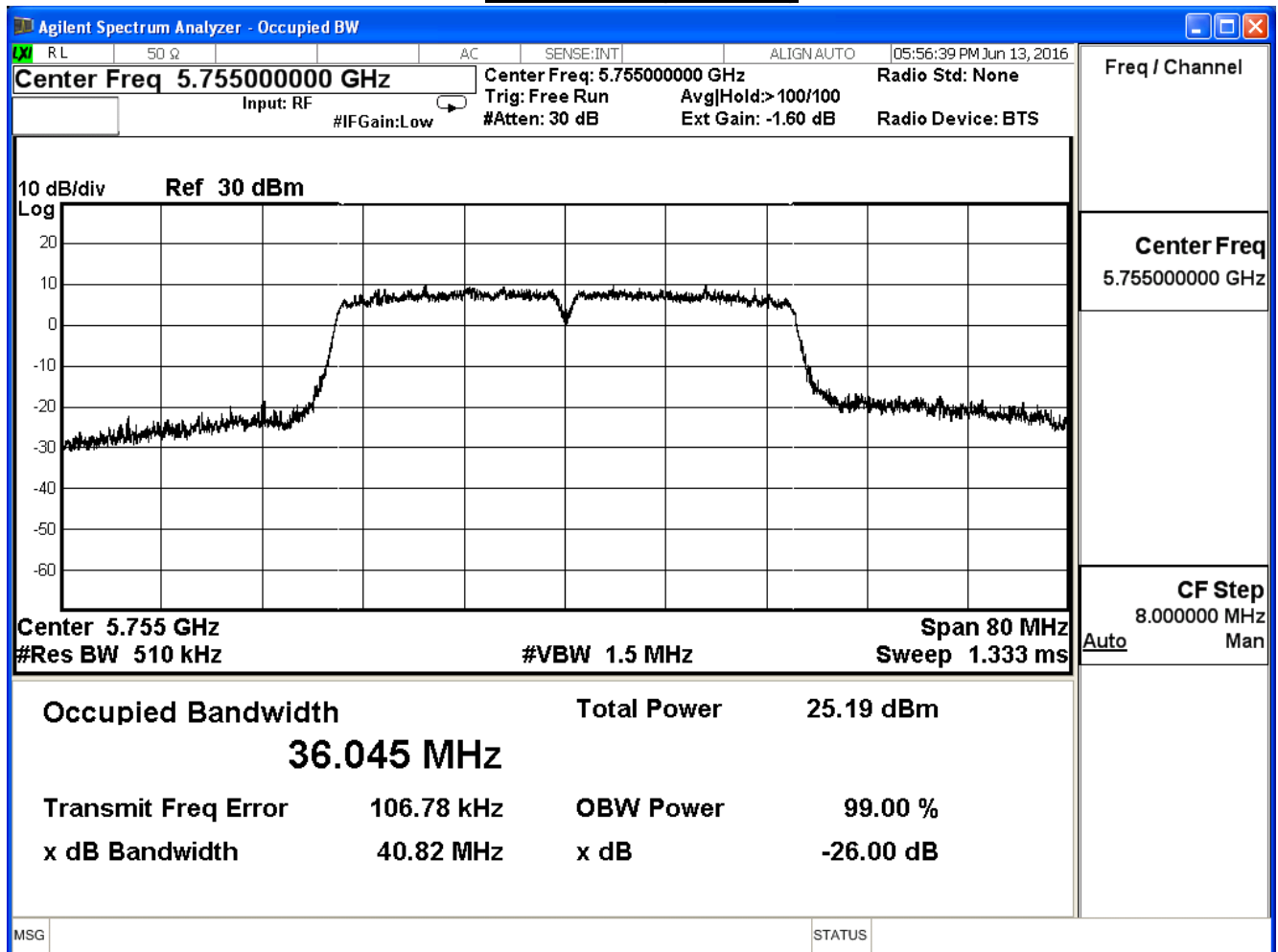




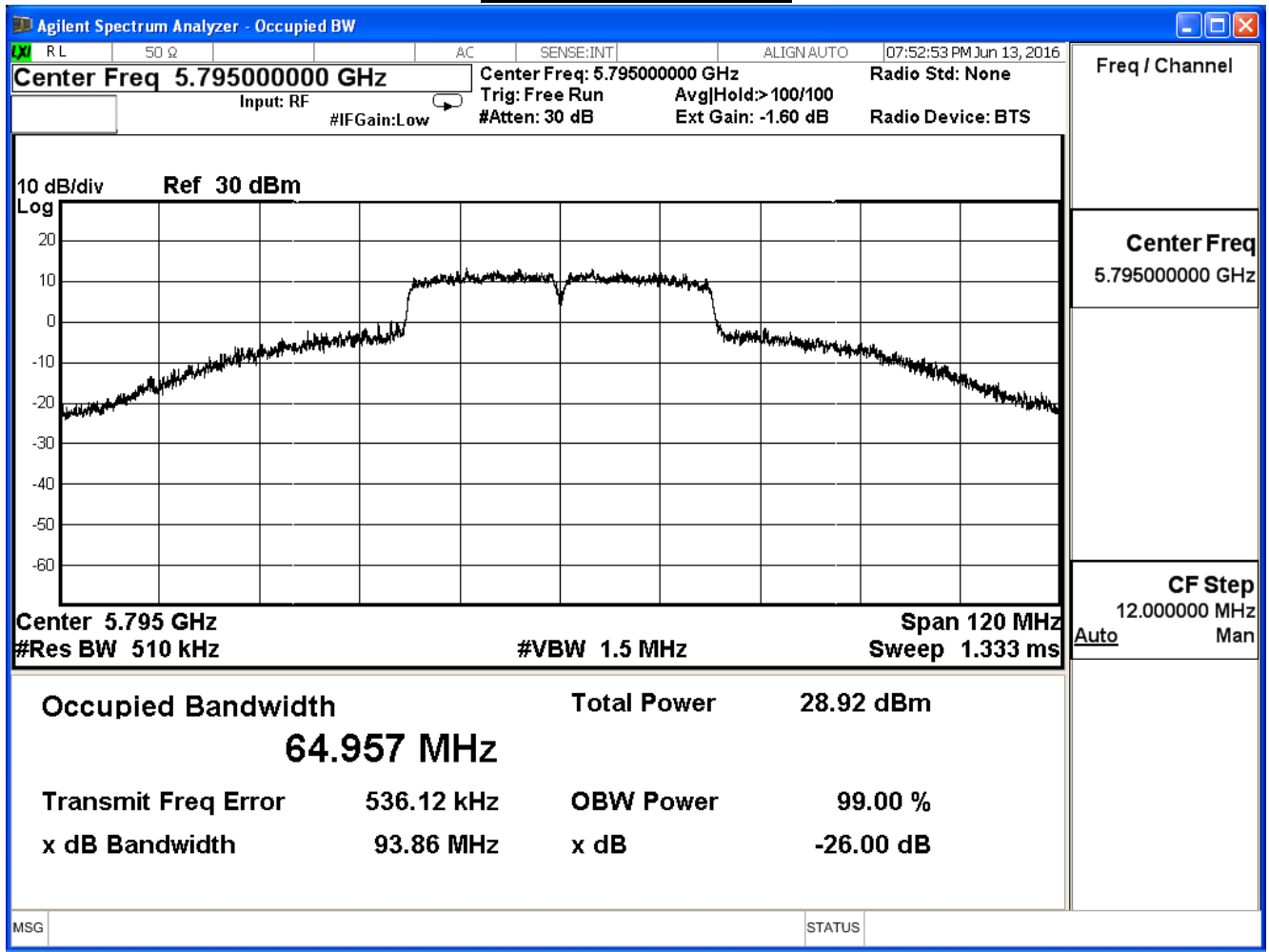
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11n_40M (ANT2)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
151	5755	36.045	--
159	5795	64.957	--

**Channel 151 (5755MHz)**



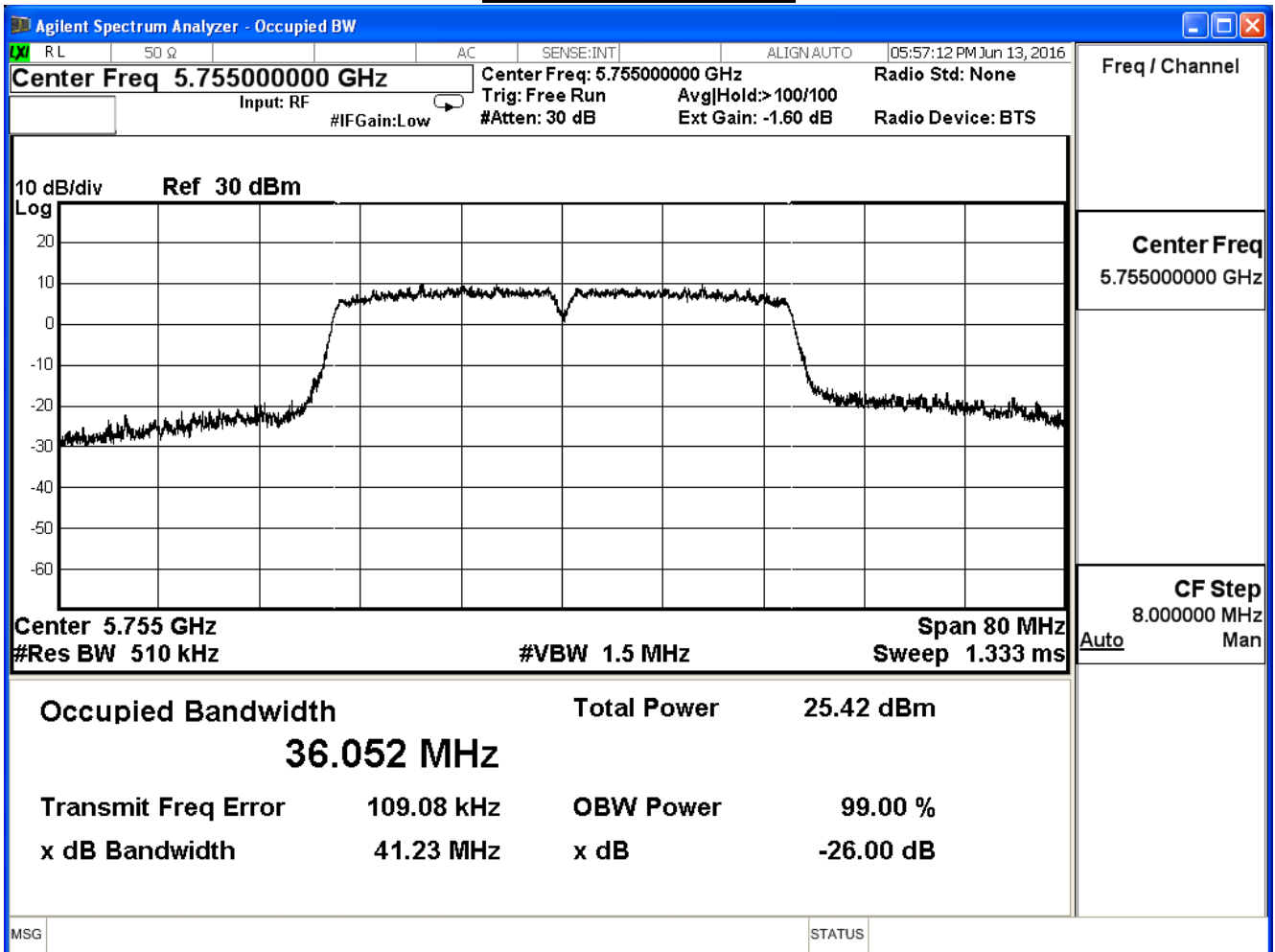
**Channel 159 (5795MHz)**



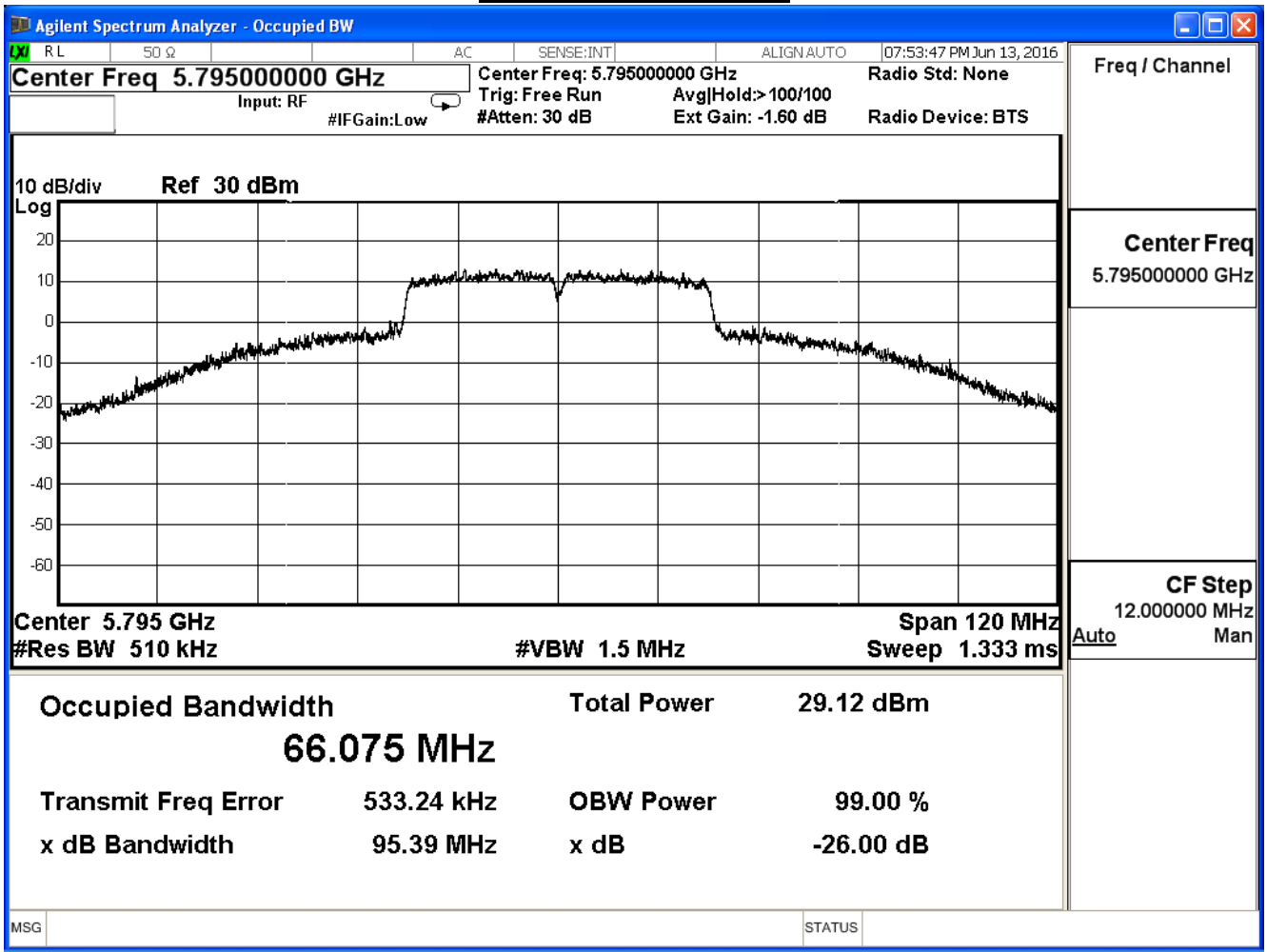
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11n_40M (ANT3)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
151	5755	36.052	--
159	5795	66.075	--

**Channel 151 (5755MHz)**



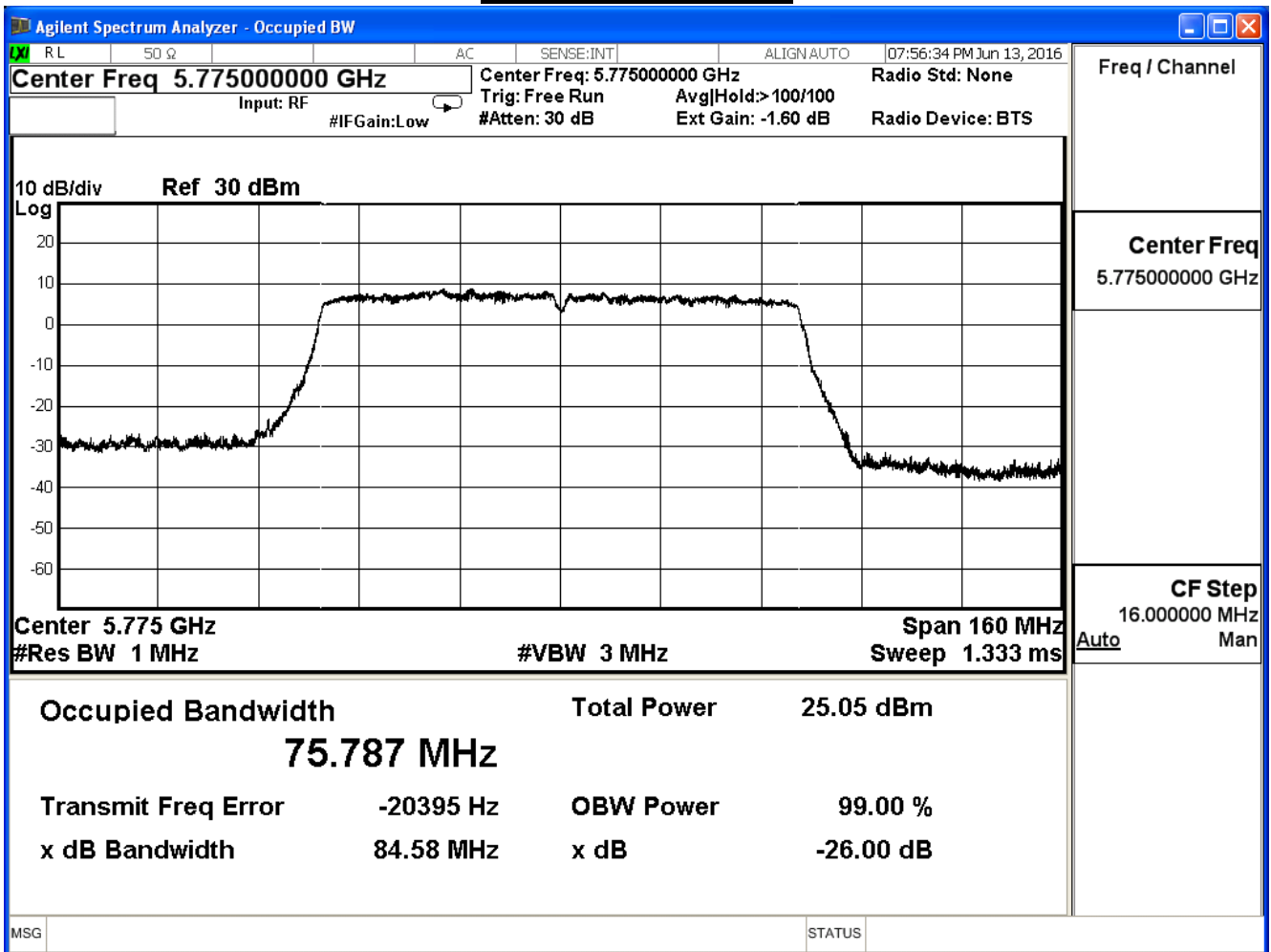
**Channel 159 (5795MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11ac_80M (ANT0)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
155	5775	75.787	--

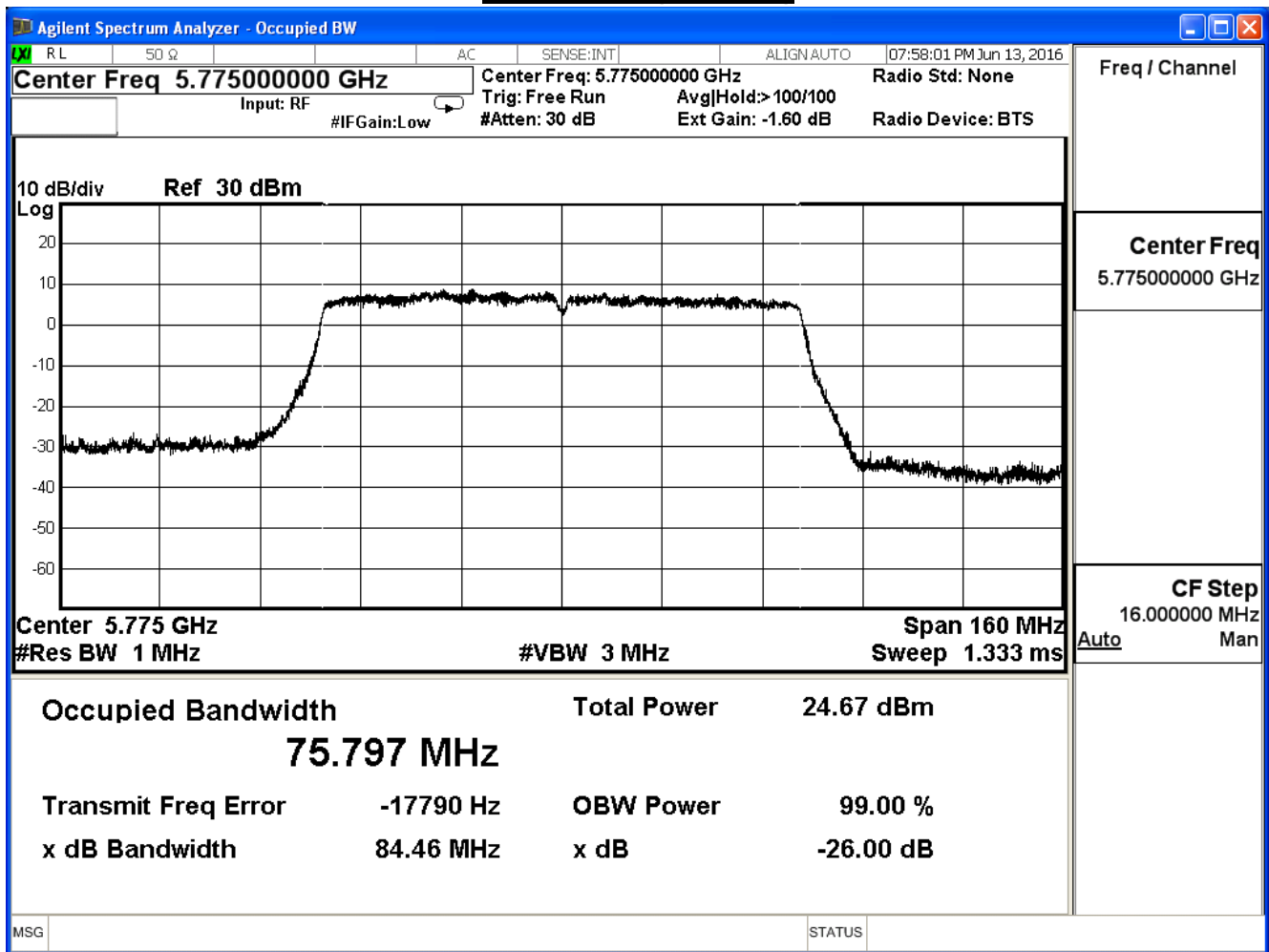
**Channel 155 (5775MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11ac_80M (ANT1)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
155	5775	75.797	--

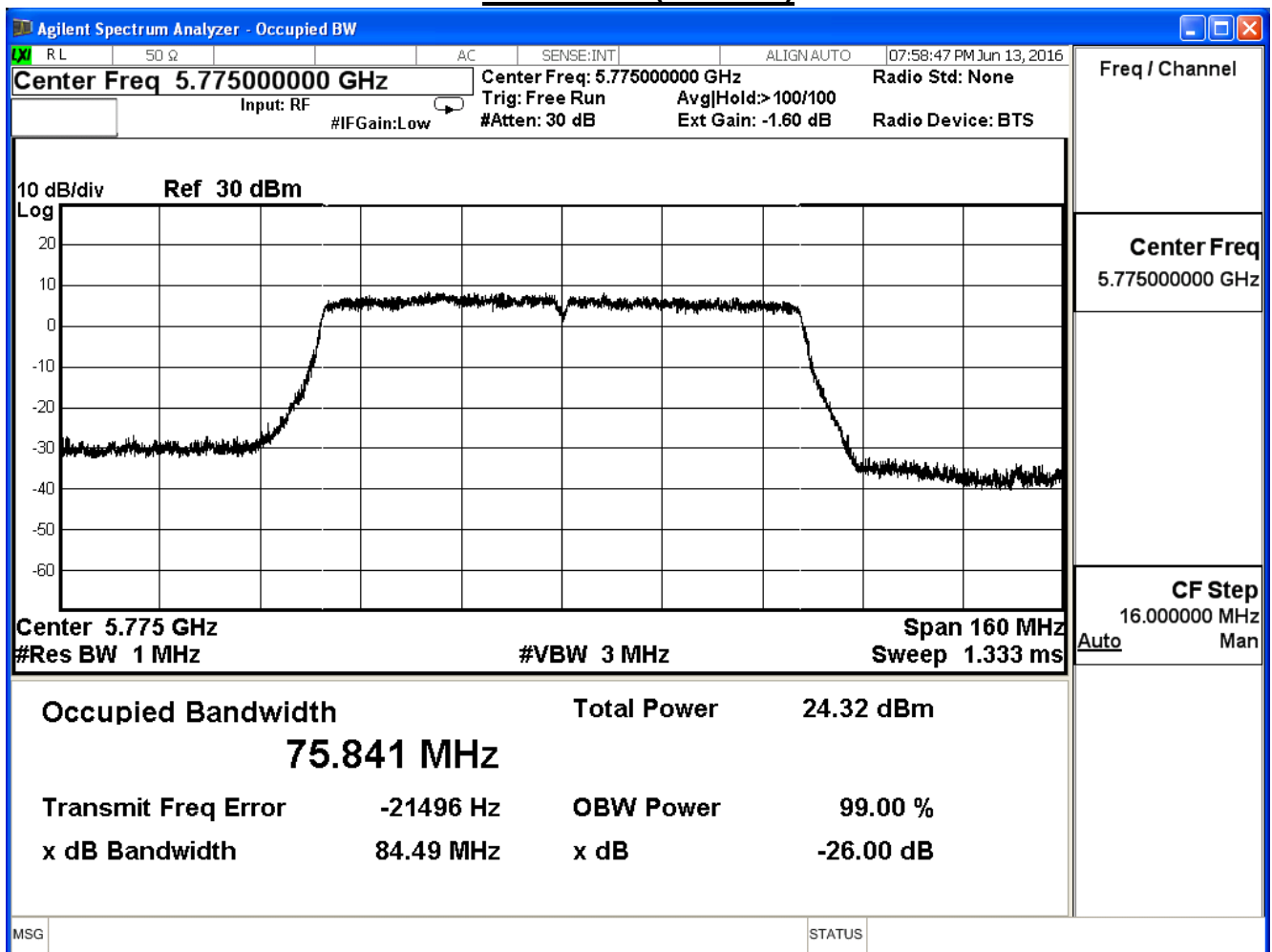
**Channel 155 (5775MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11ac_80M (ANT2)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
155	5775	75.841	--

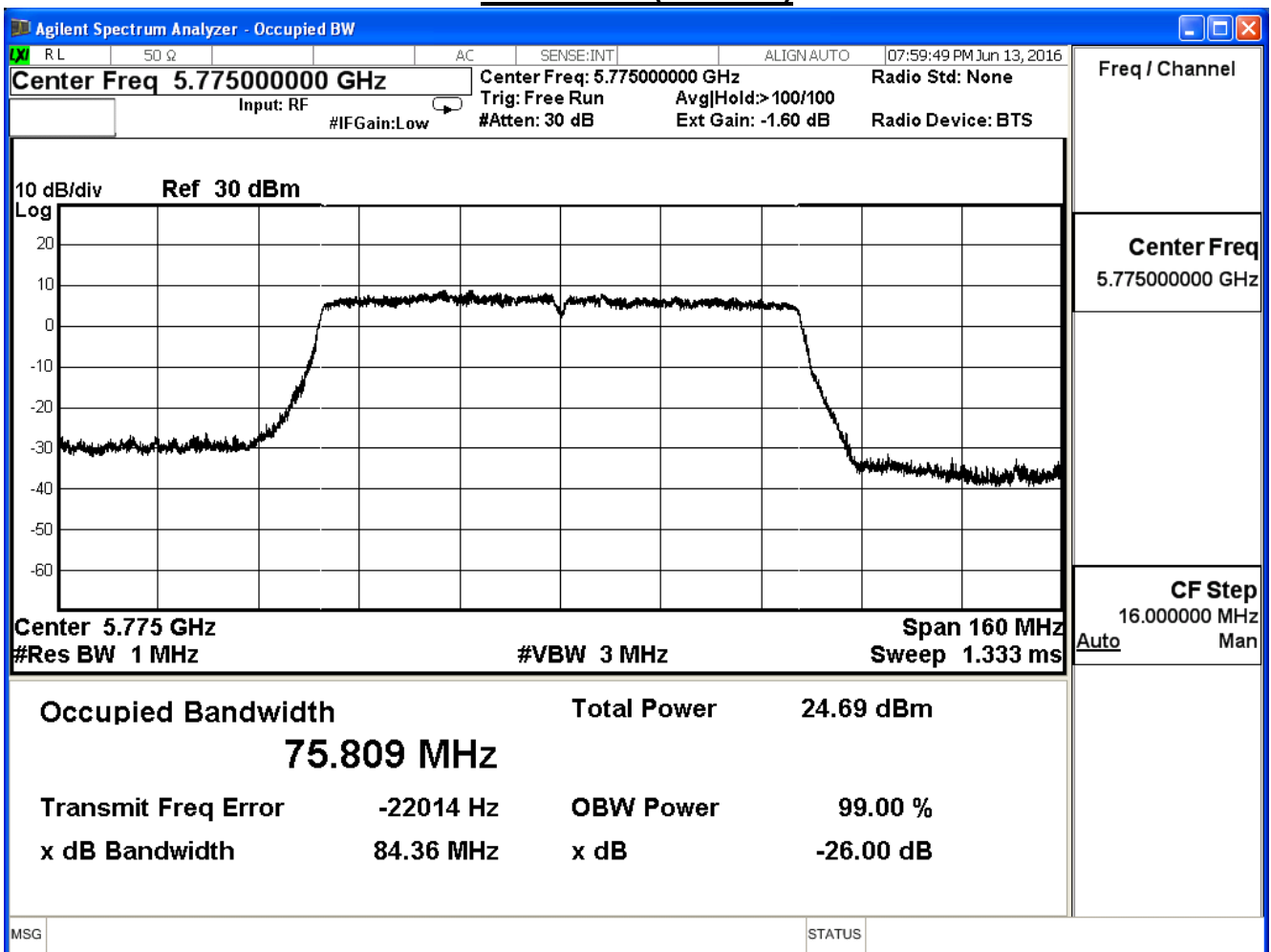
**Channel 155 (5775MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

IEEE 802.11ac_80M (ANT3)			
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)
155	5775	75.809	--

**Channel 155 (5775MHz)**

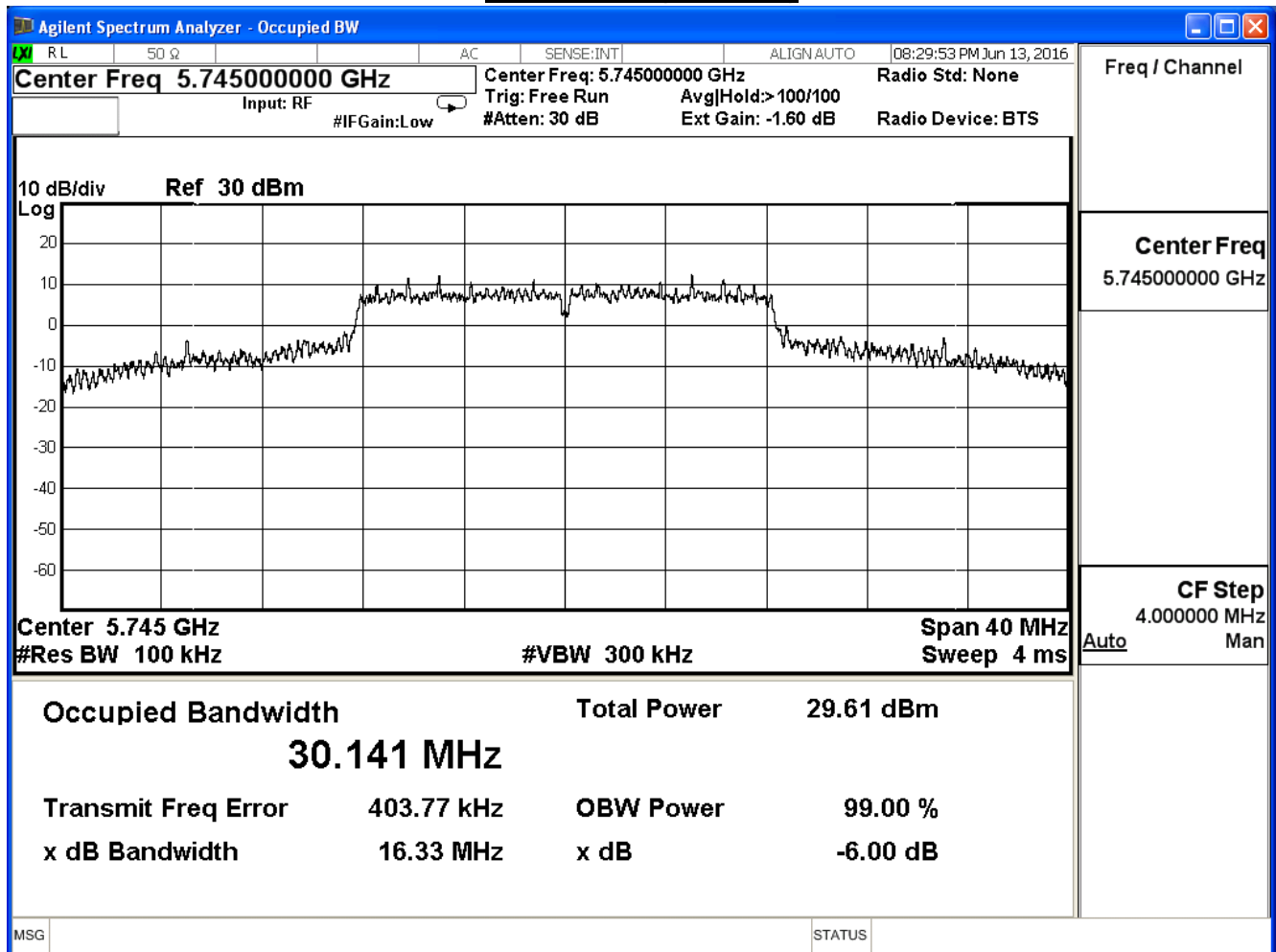




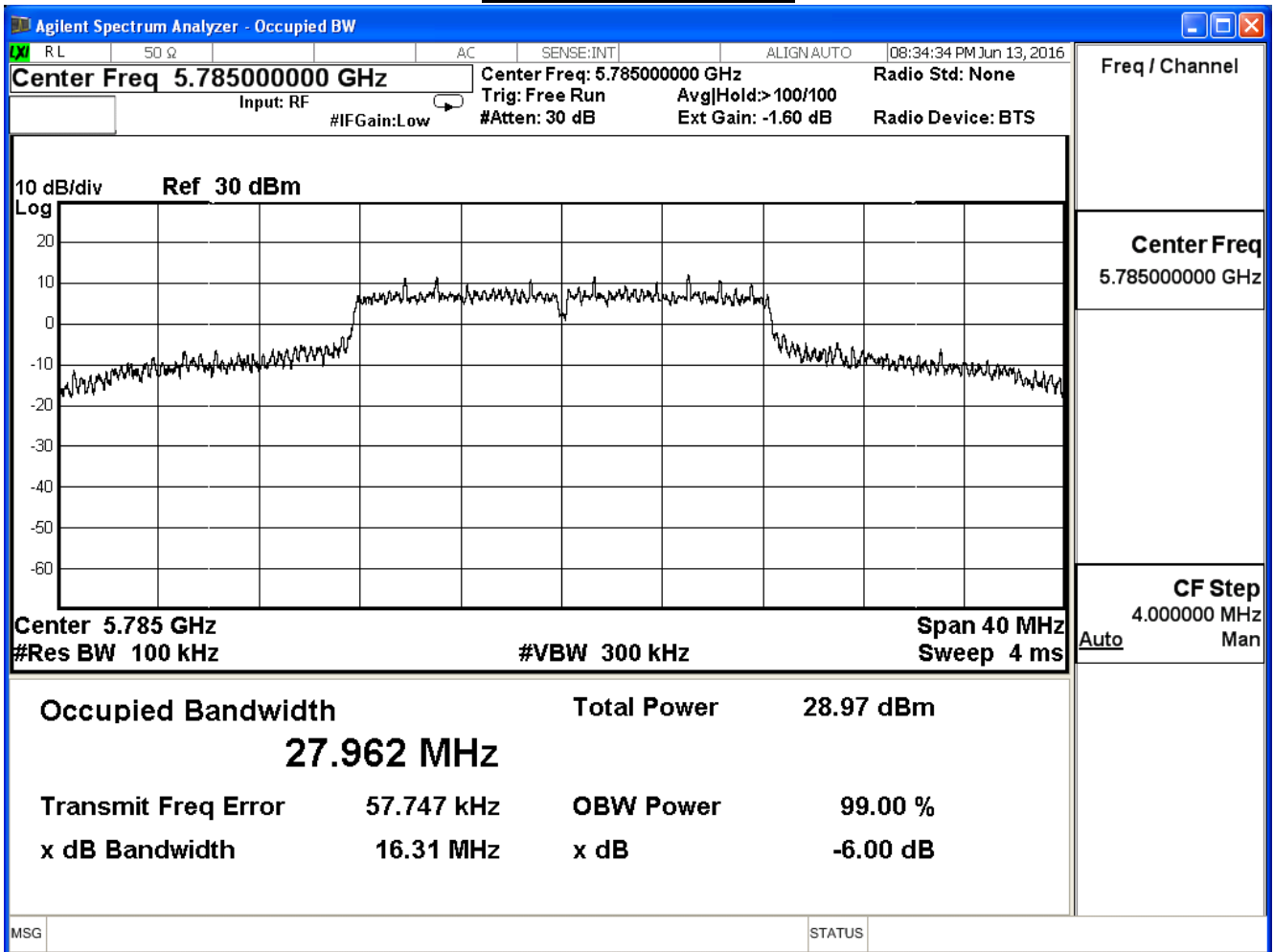
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11a(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.33	$\geq 0.5$	Pass
157	5785	16.31	$\geq 0.5$	Pass
165	5825	16.33	$\geq 0.5$	Pass

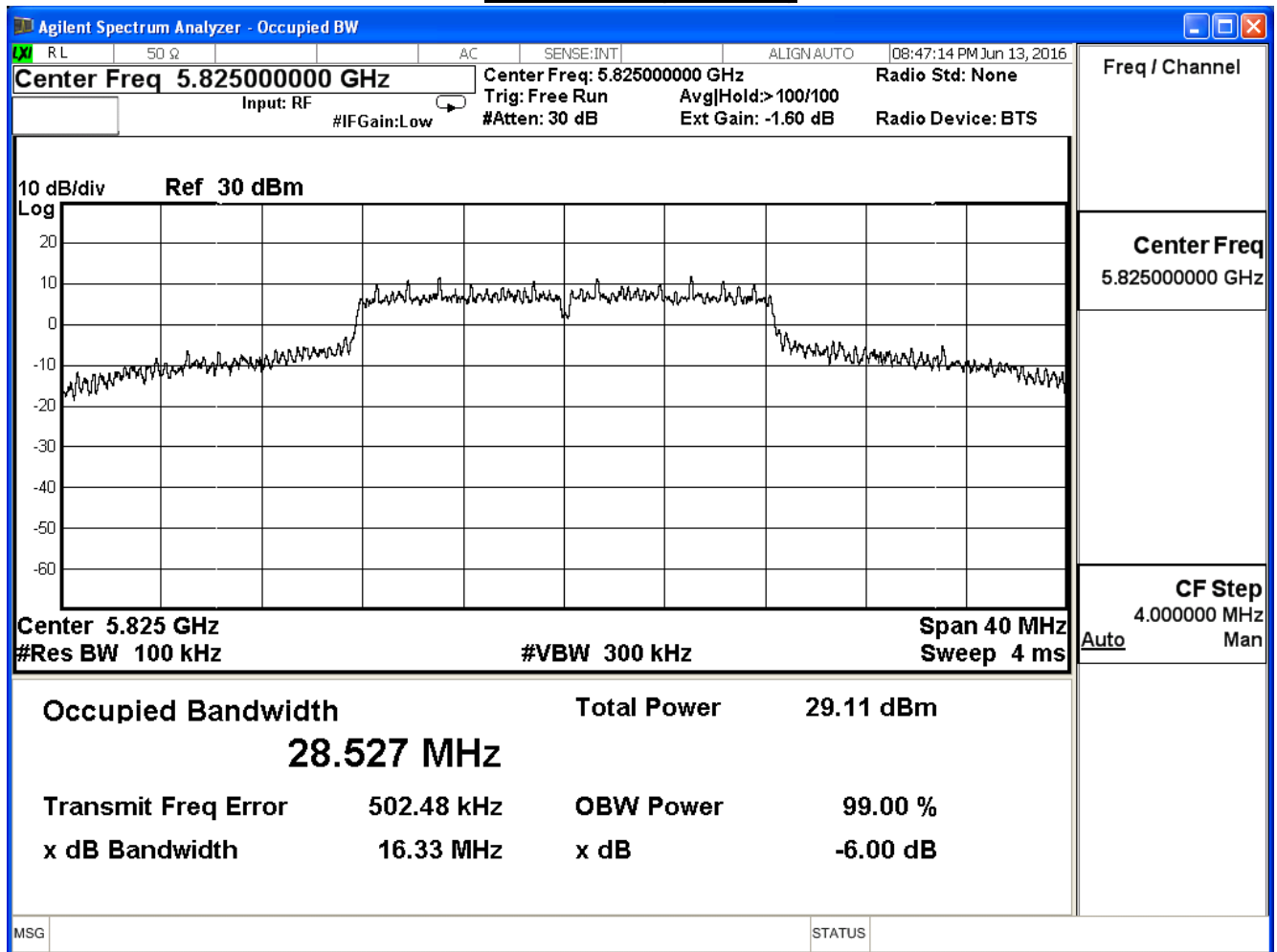
**Channel 149 (5745MHz)**



**Channel 157 (5785MHz)**



### Channel 165 (5825MHz)

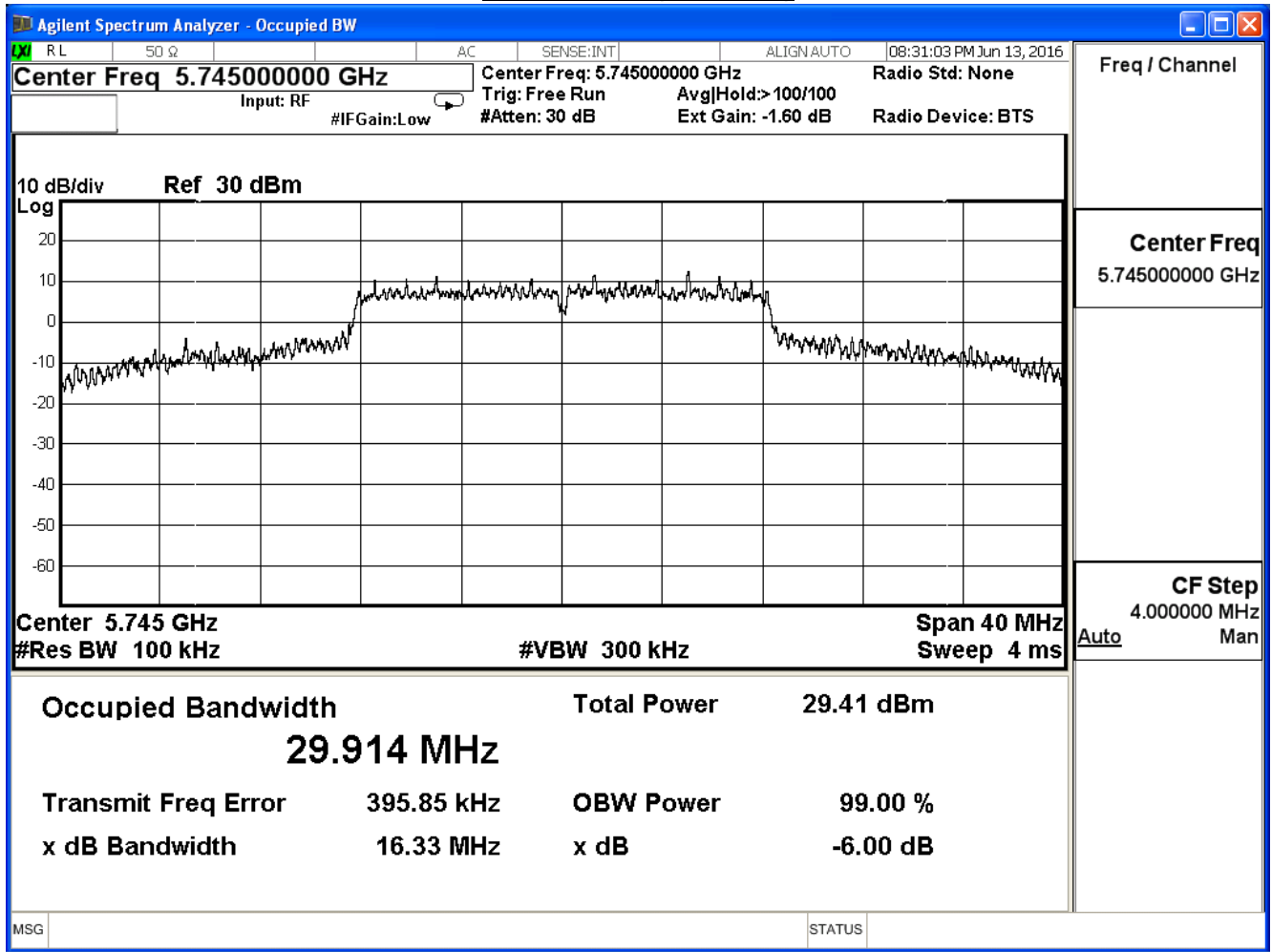


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

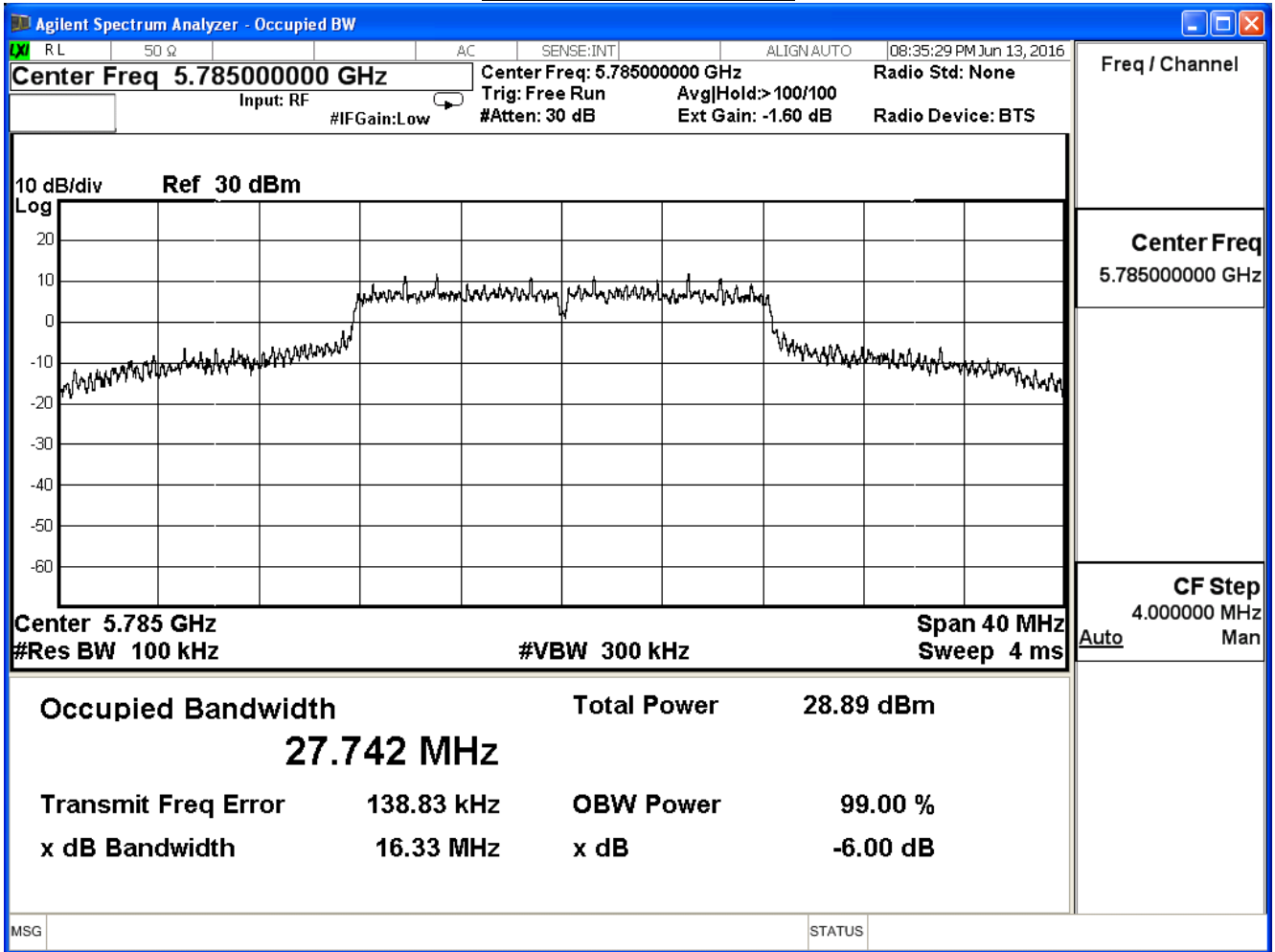
802.11a(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.33	≥ 0.5	Pass
157	5785	16.33	≥ 0.5	Pass
165	5825	16.31	≥ 0.5	Pass

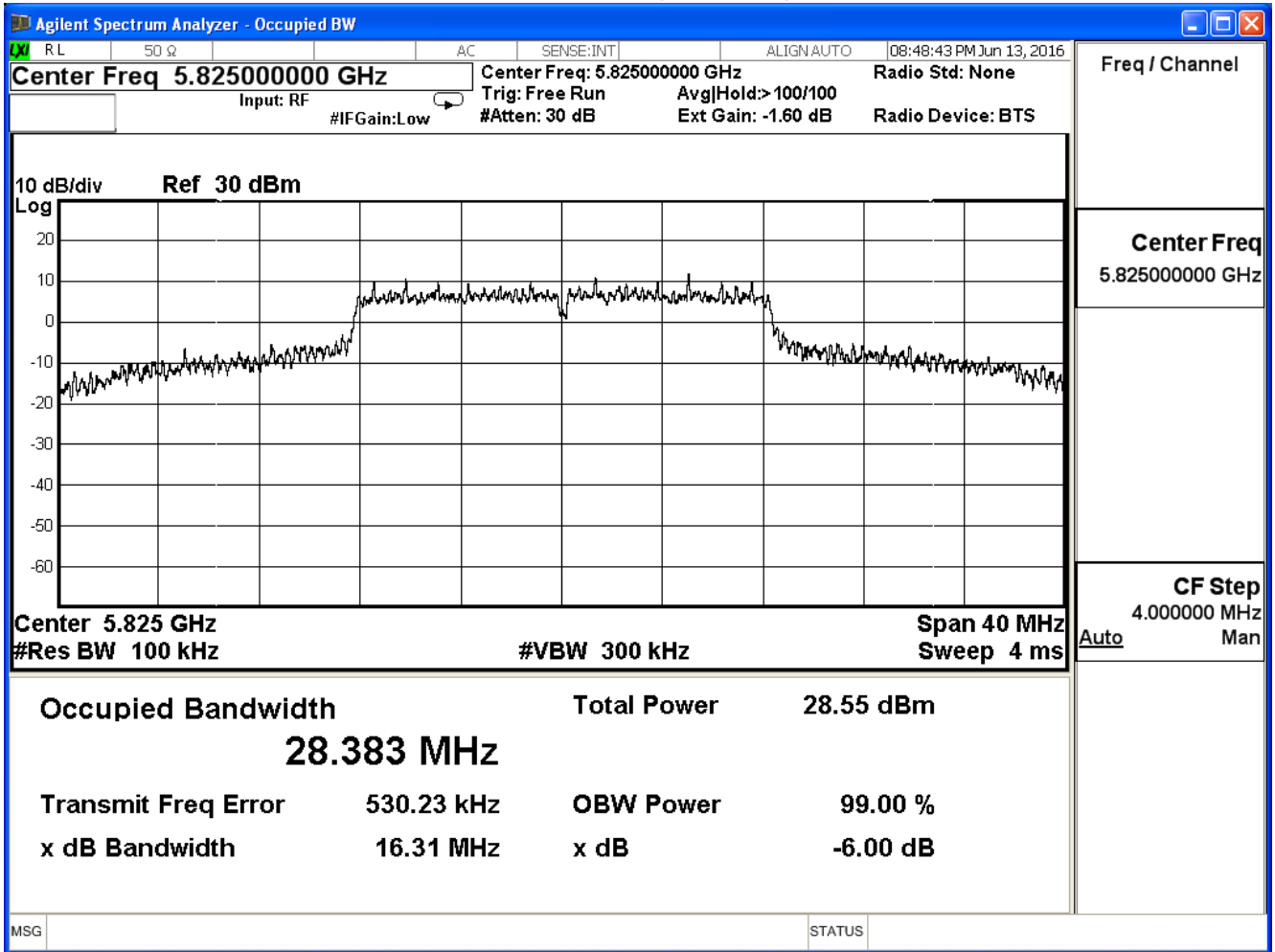
**Channel 149 (5745MHz)**



**Channel 157 (5785MHz)**



**Channel 165 (5825MHz)**

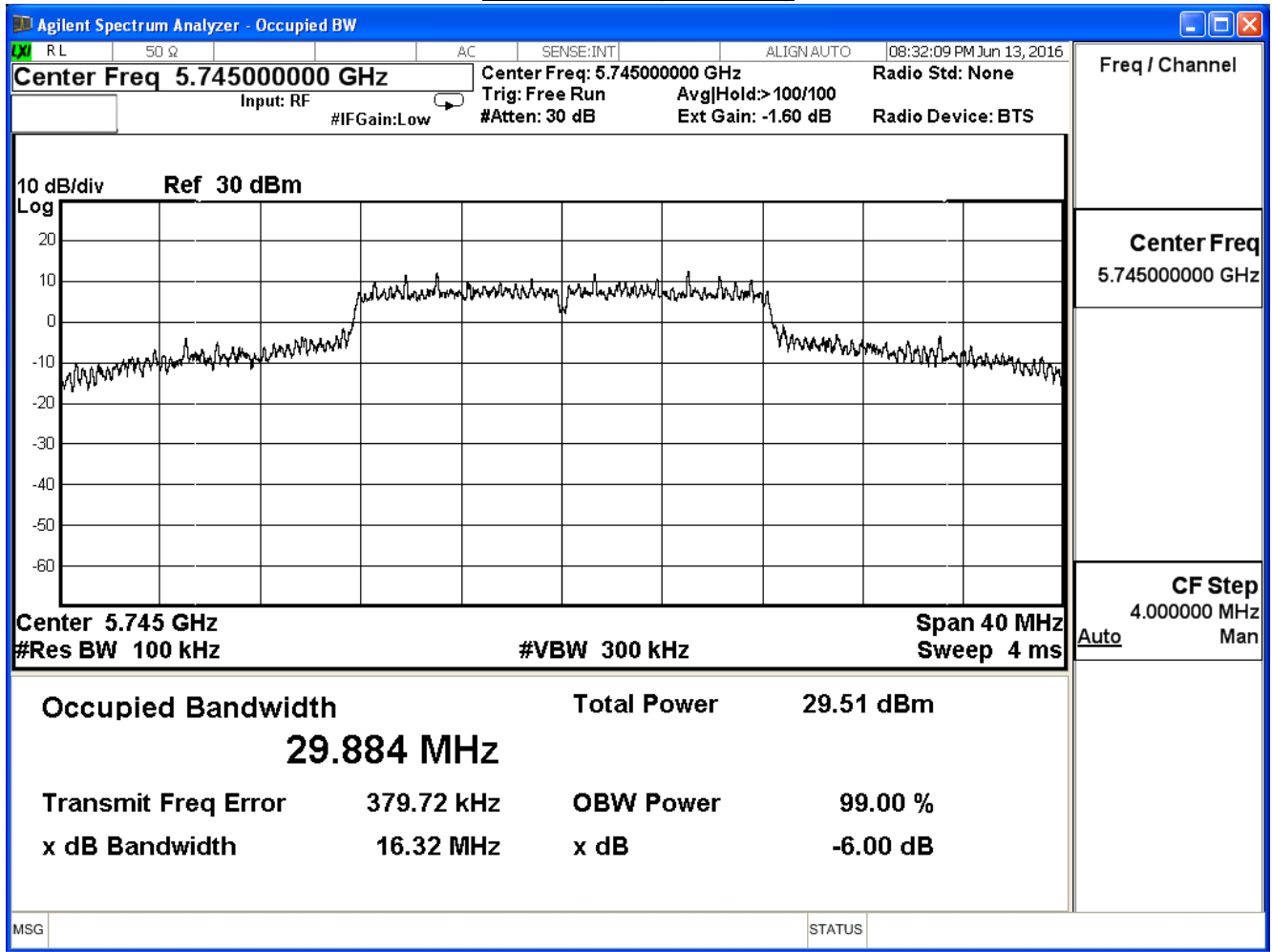


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

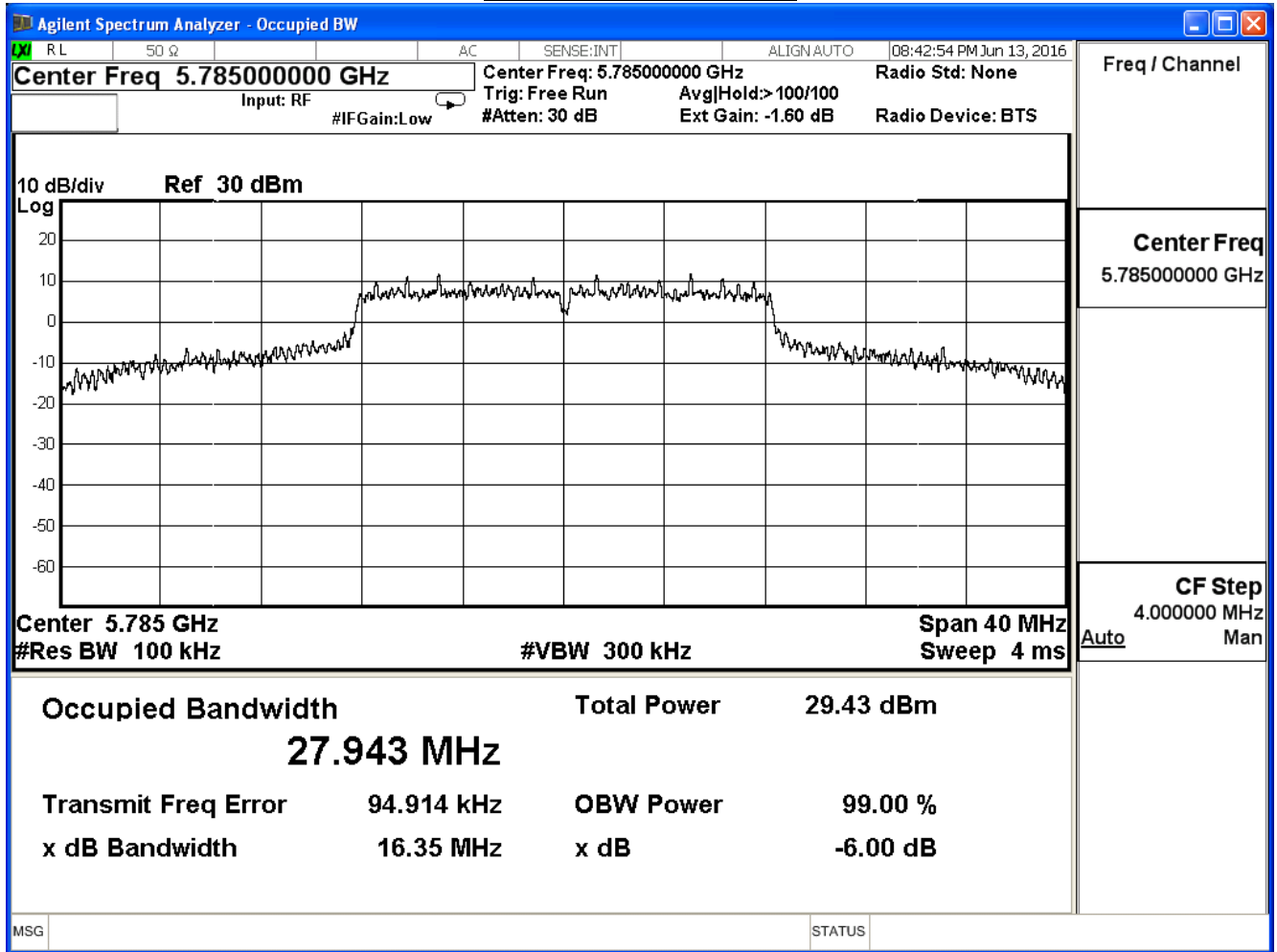
802.11a(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.32	≥ 0.5	Pass
157	5785	16.35	≥ 0.5	Pass
165	5825	16.32	≥ 0.5	Pass

**Channel 149 (5745MHz)**

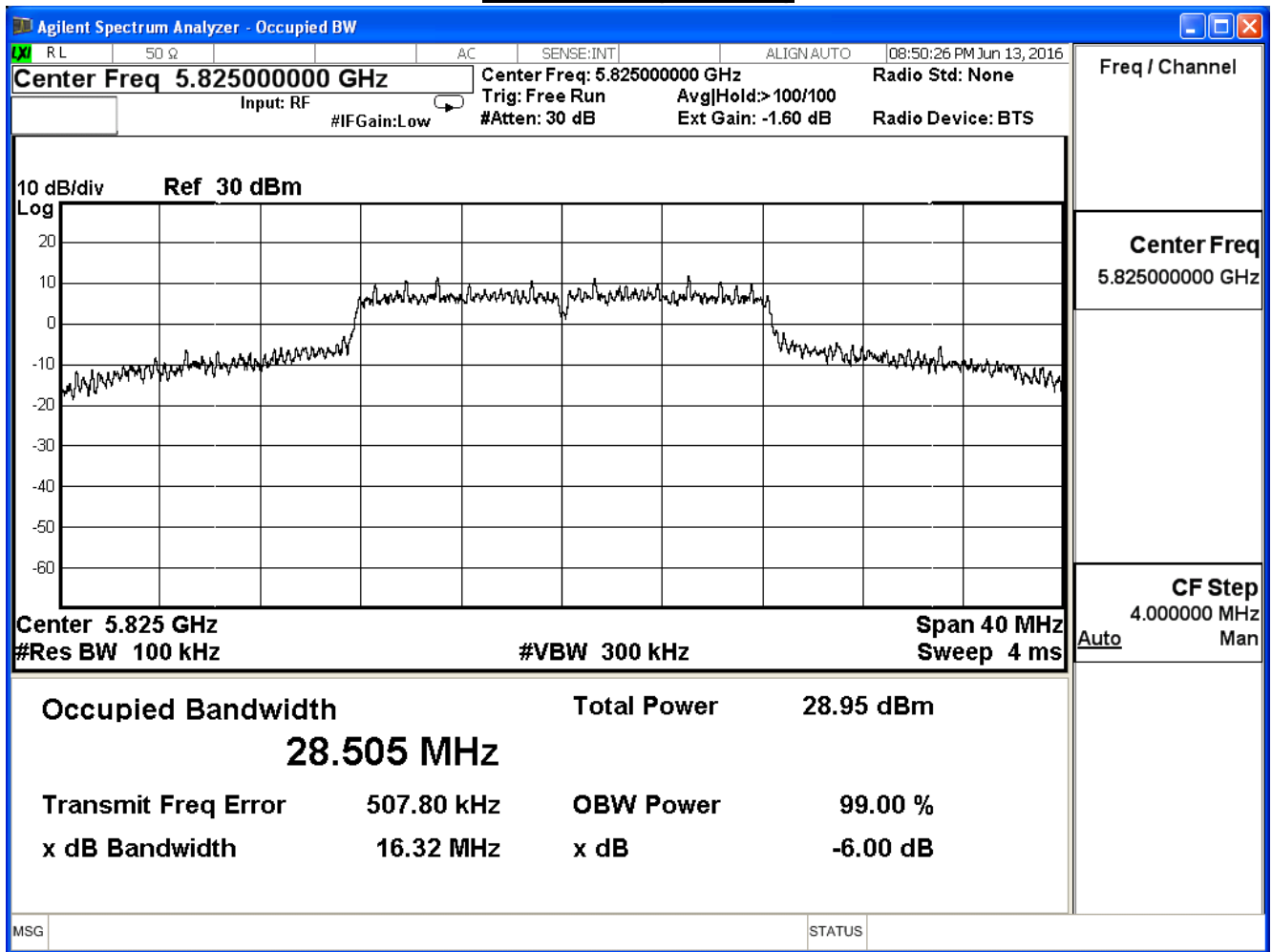


**Channel 157 (5785MHz)**





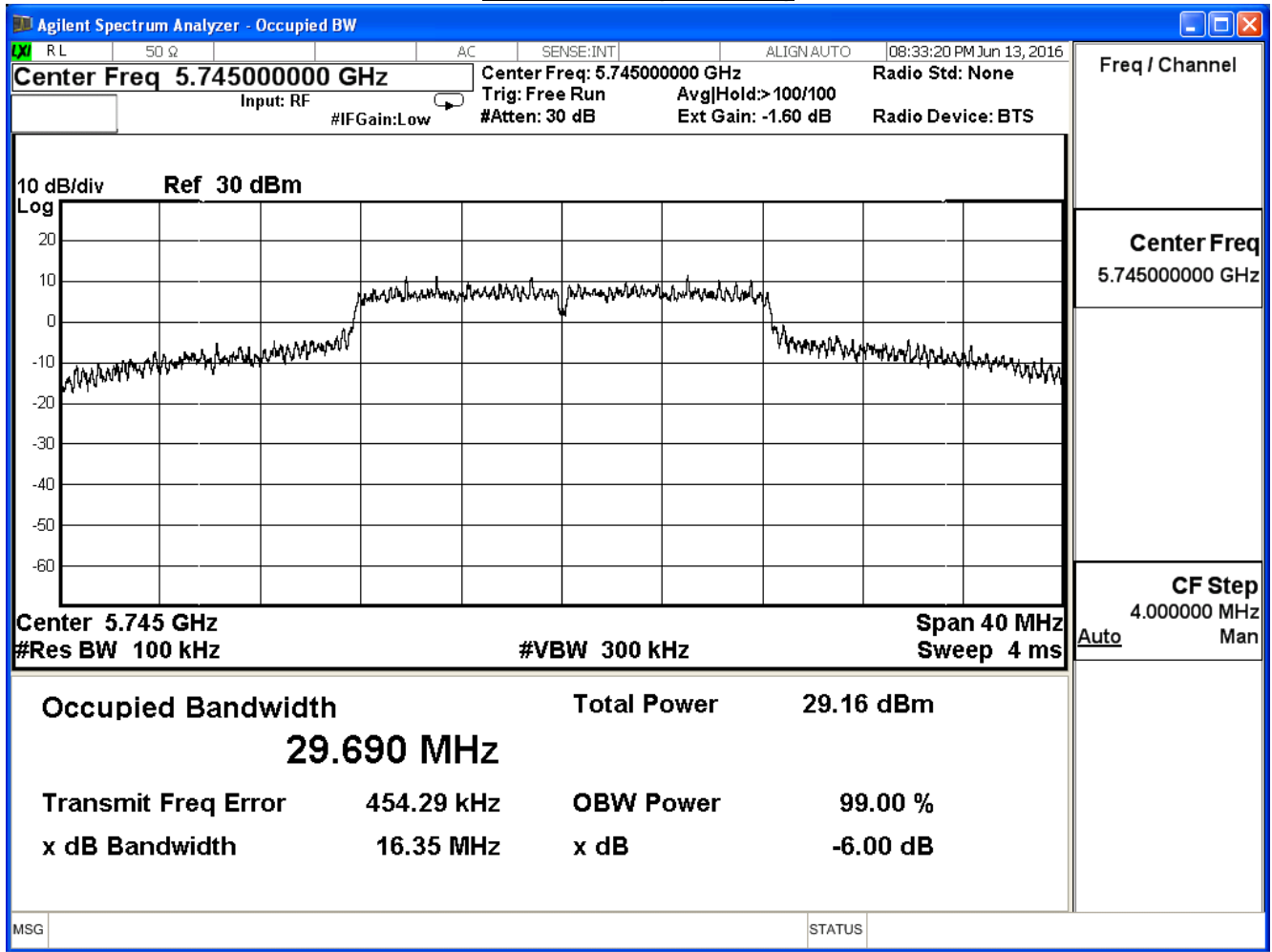
### Channel 165 (5825MHz)



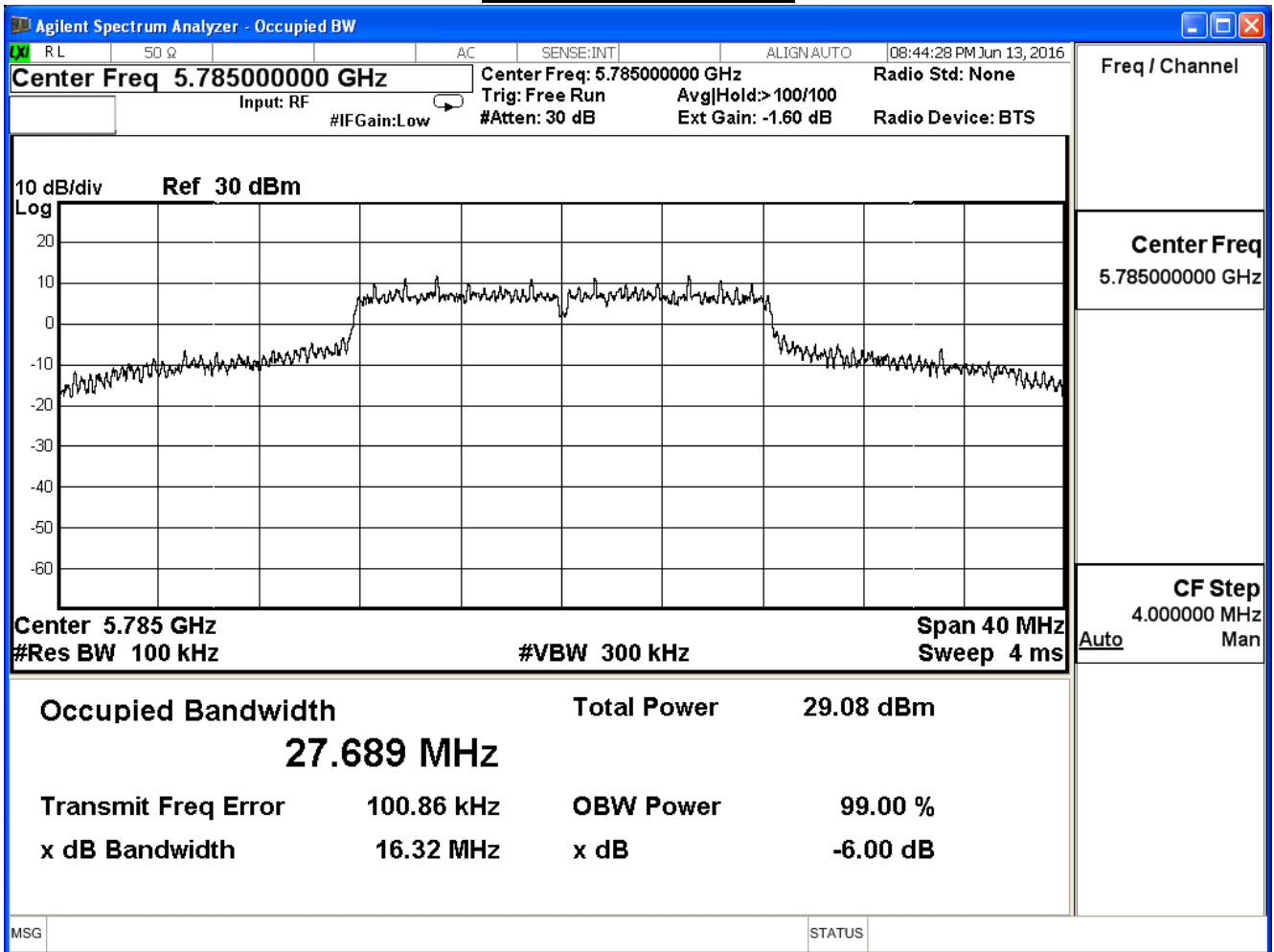
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11a)_ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11a(ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.35	≥ 0.5	Pass
157	5785	16.32	≥ 0.5	Pass
165	5825	16.36	≥ 0.5	Pass

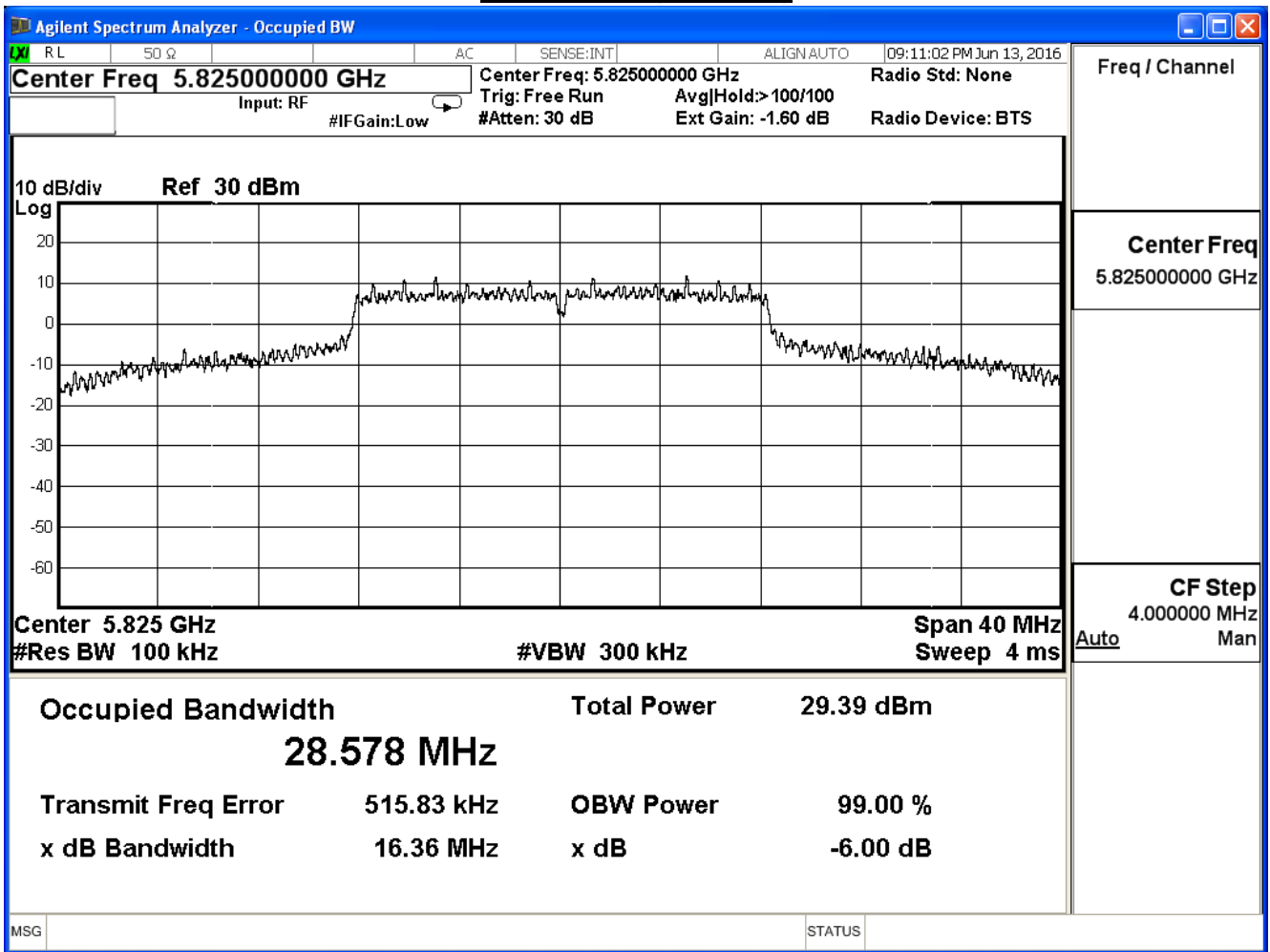
**Channel 149 (5745MHz)**



**Channel 157 (5785MHz)**



**Channel 165 (5825MHz)**

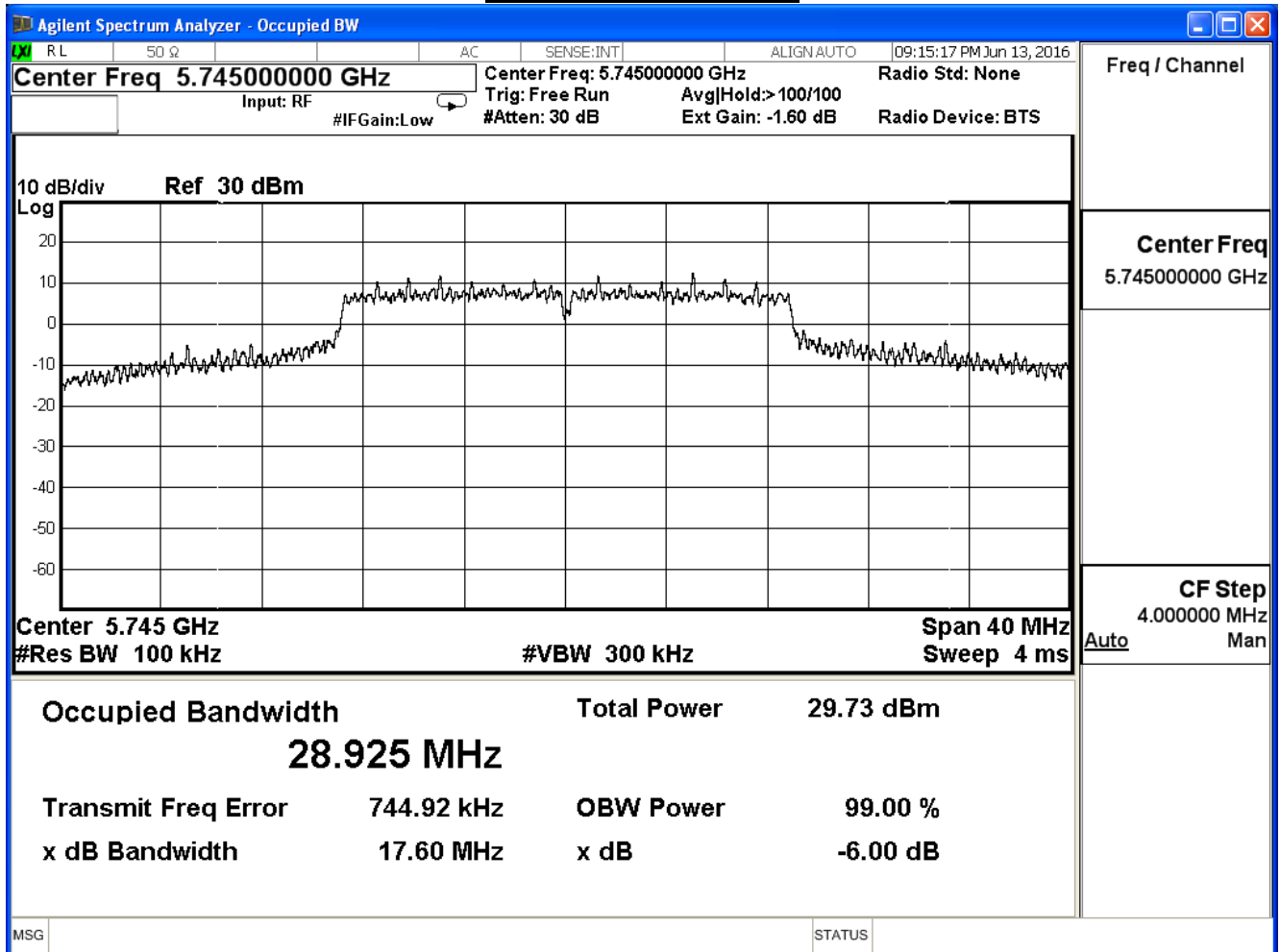


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

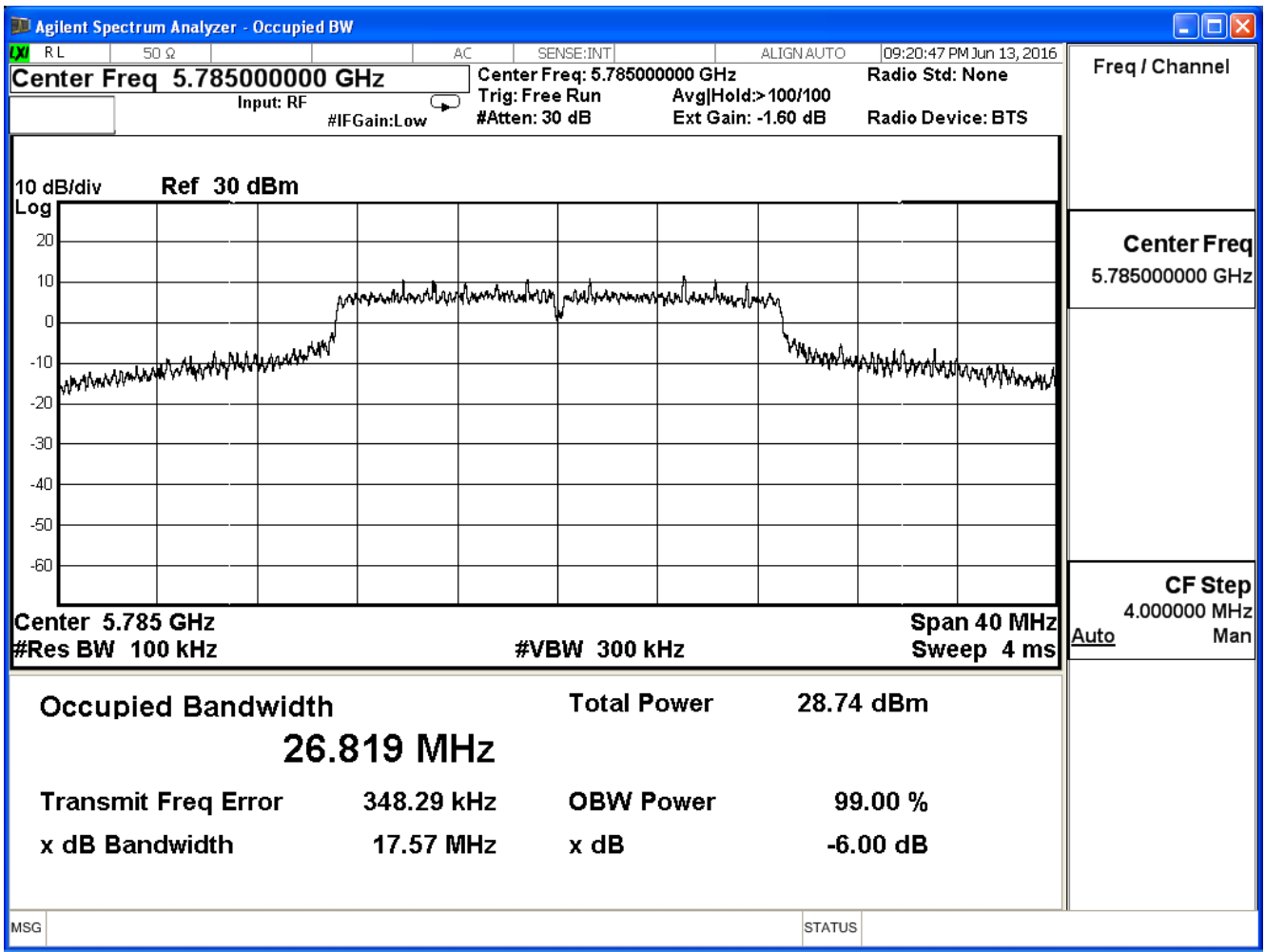
802.11n\_20M(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.60	≥ 0.5	Pass
157	5785	17.57	≥ 0.5	Pass
165	5825	17.56	≥ 0.5	Pass

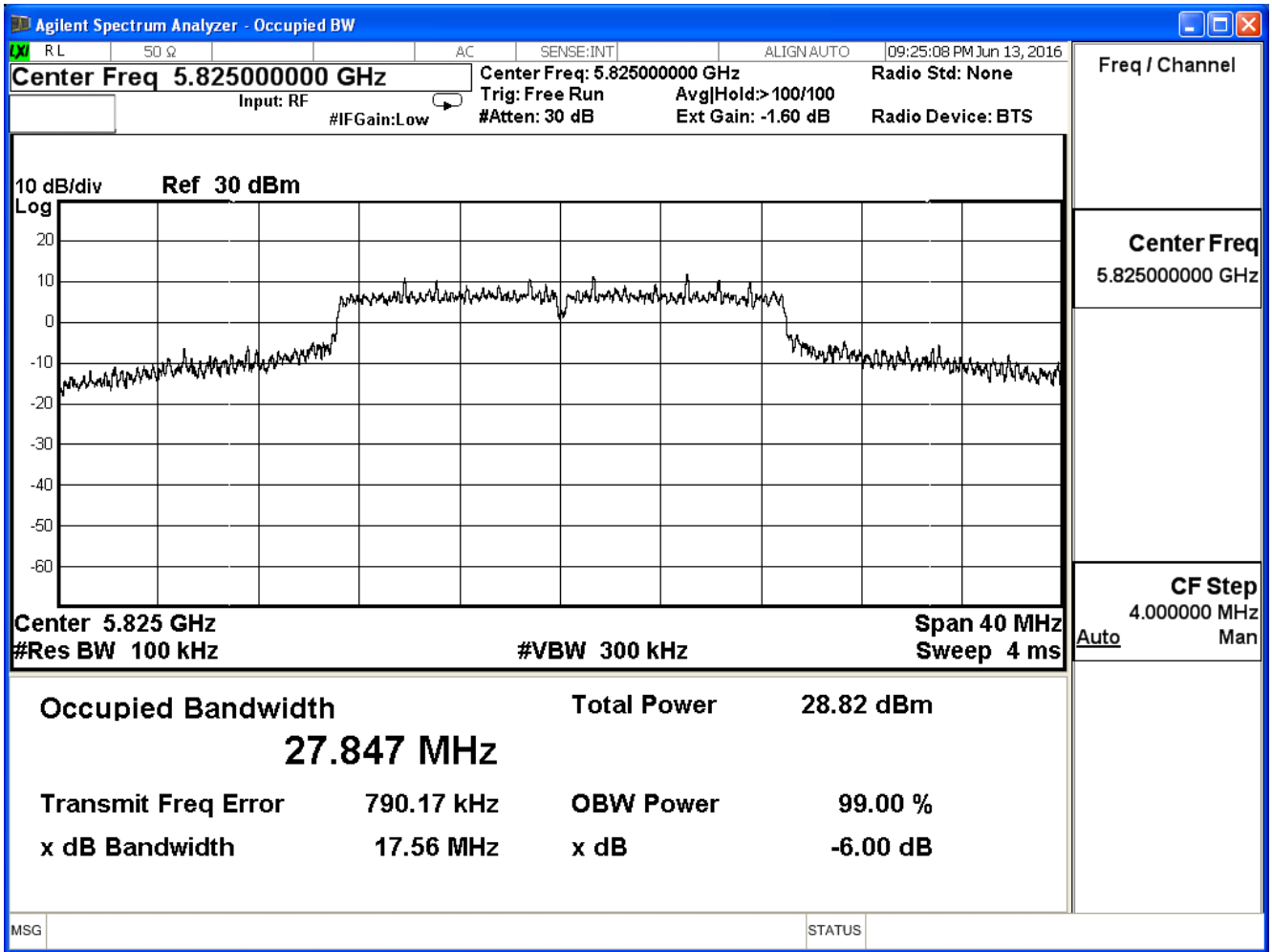
**Channel 149 (5745MHz)**



**Channel 157 (5785MHz)**



**Channel 165 (5825MHz)**

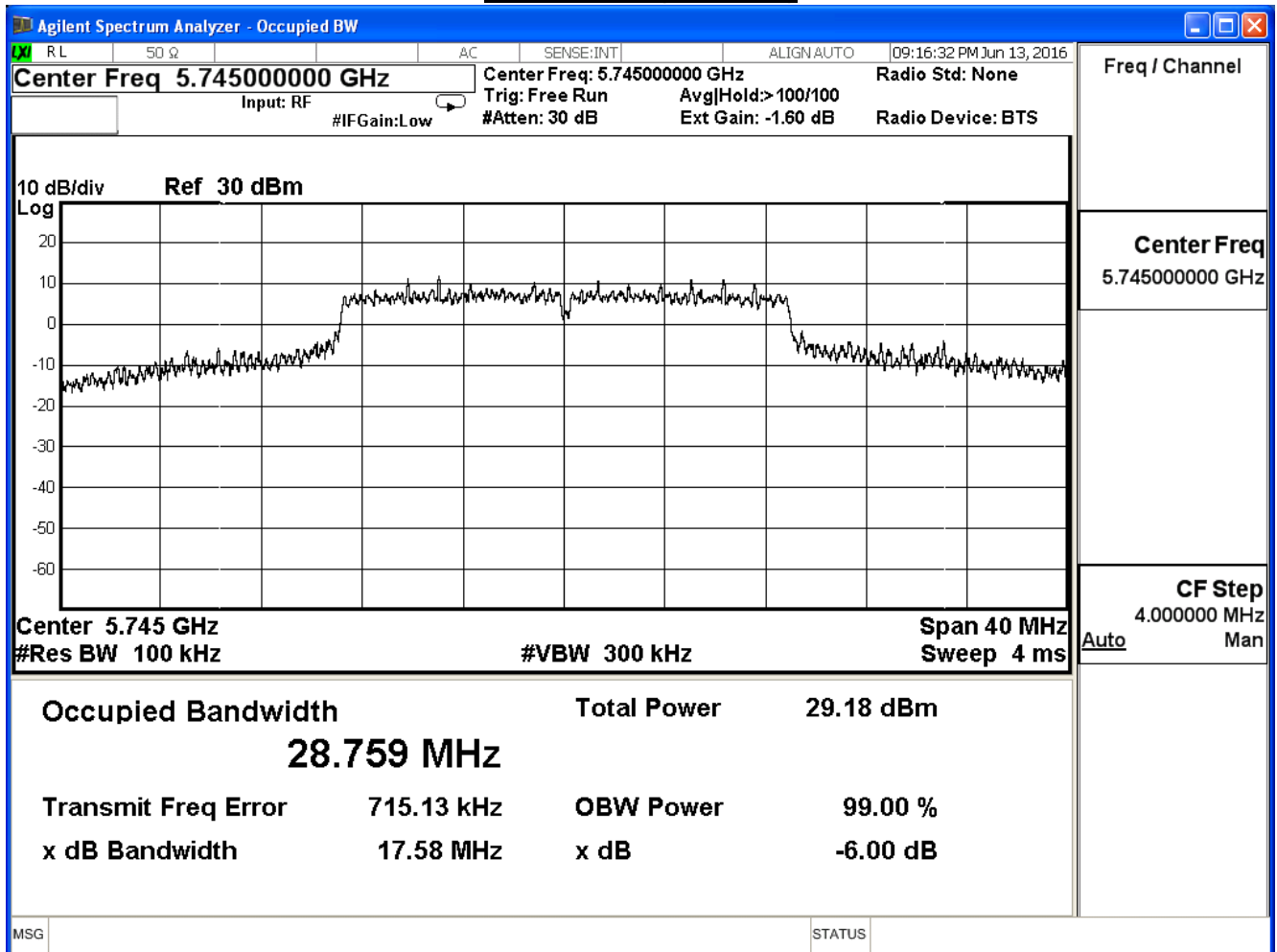


Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11n\_20M(ANT 1)

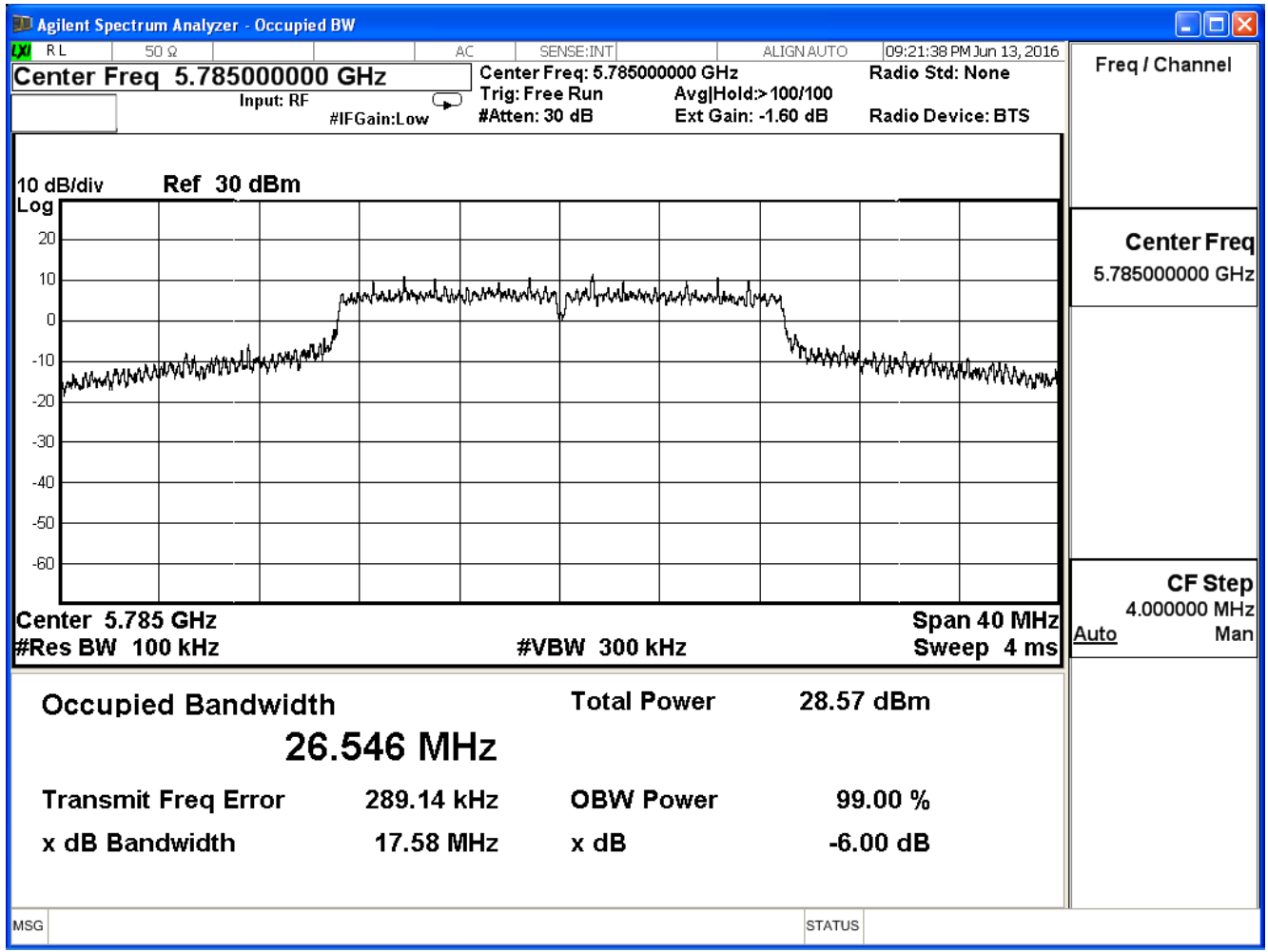
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.58	≥ 0.5	Pass
157	5785	17.58	≥ 0.5	Pass
165	5825	17.60	≥ 0.5	Pass

**Channel 149 (5745MHz)**

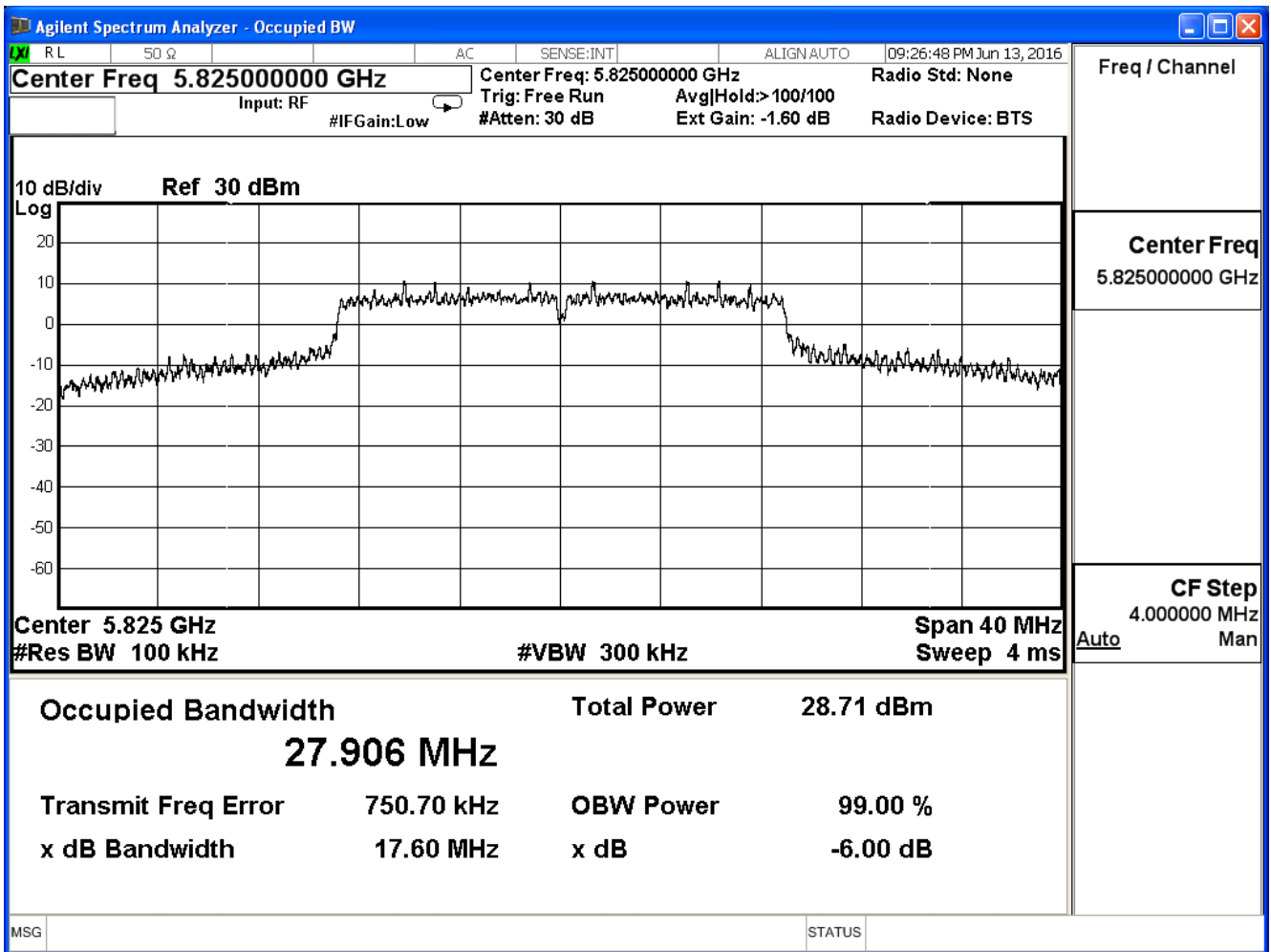




**Channel 157 (5785MHz)**



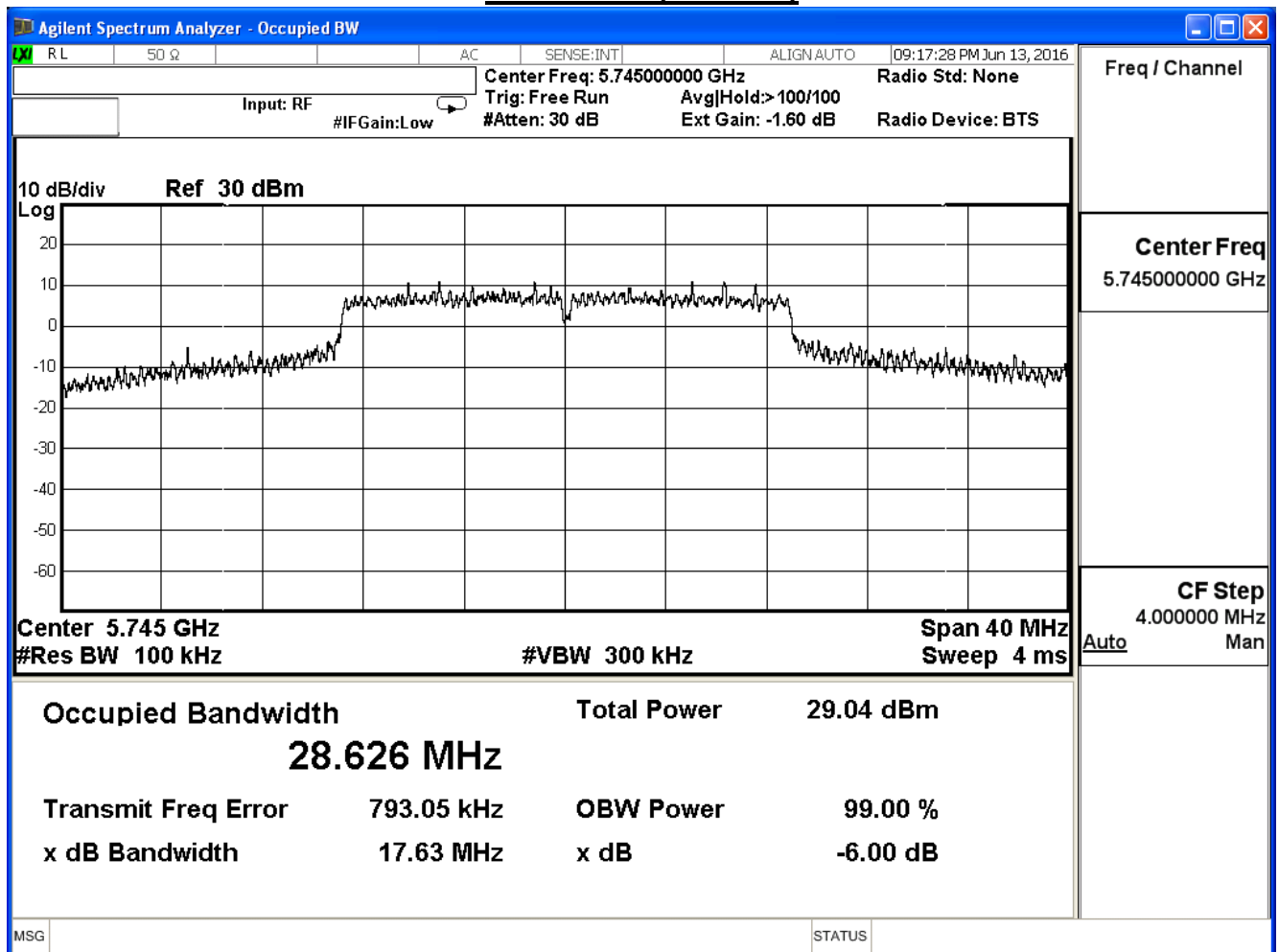
**Channel 165 (5825MHz)**



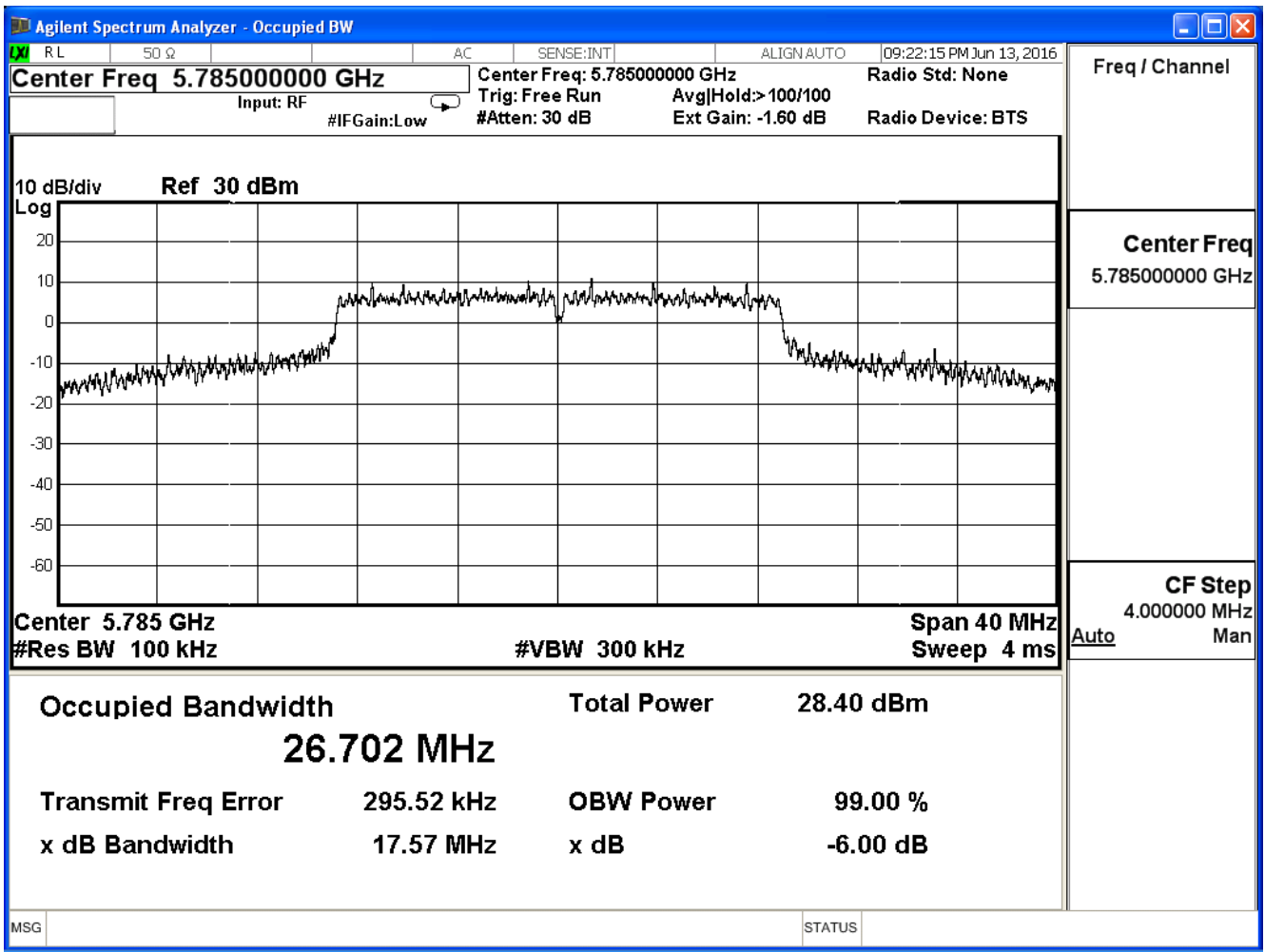
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11n_20M(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.63	≥ 0.5	Pass
157	5785	17.57	≥ 0.5	Pass
165	5825	17.56	≥ 0.5	Pass

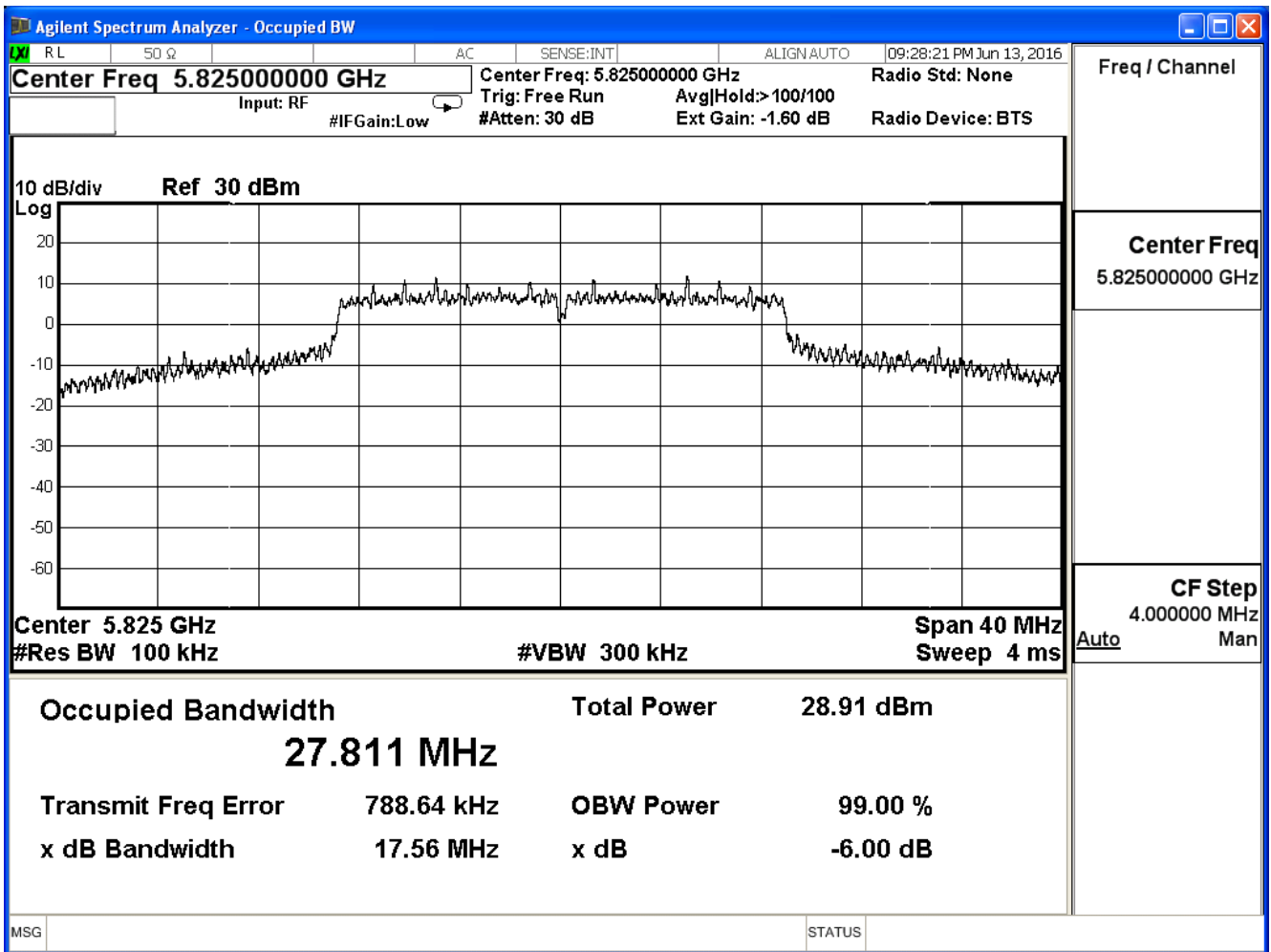
**Channel 149 (5745MHz)**



**Channel 157 (5785MHz)**



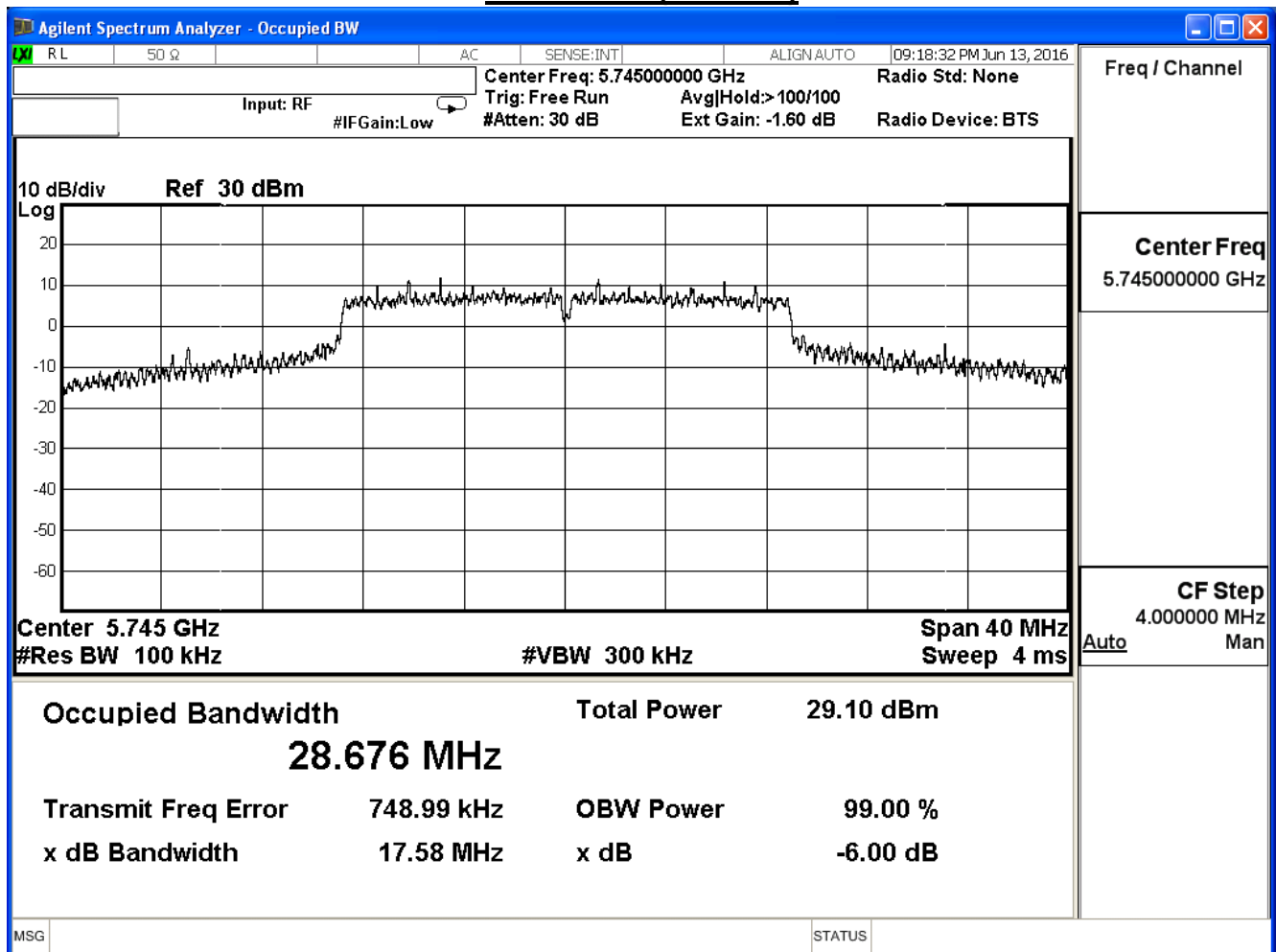
**Channel 165 (5825MHz)**



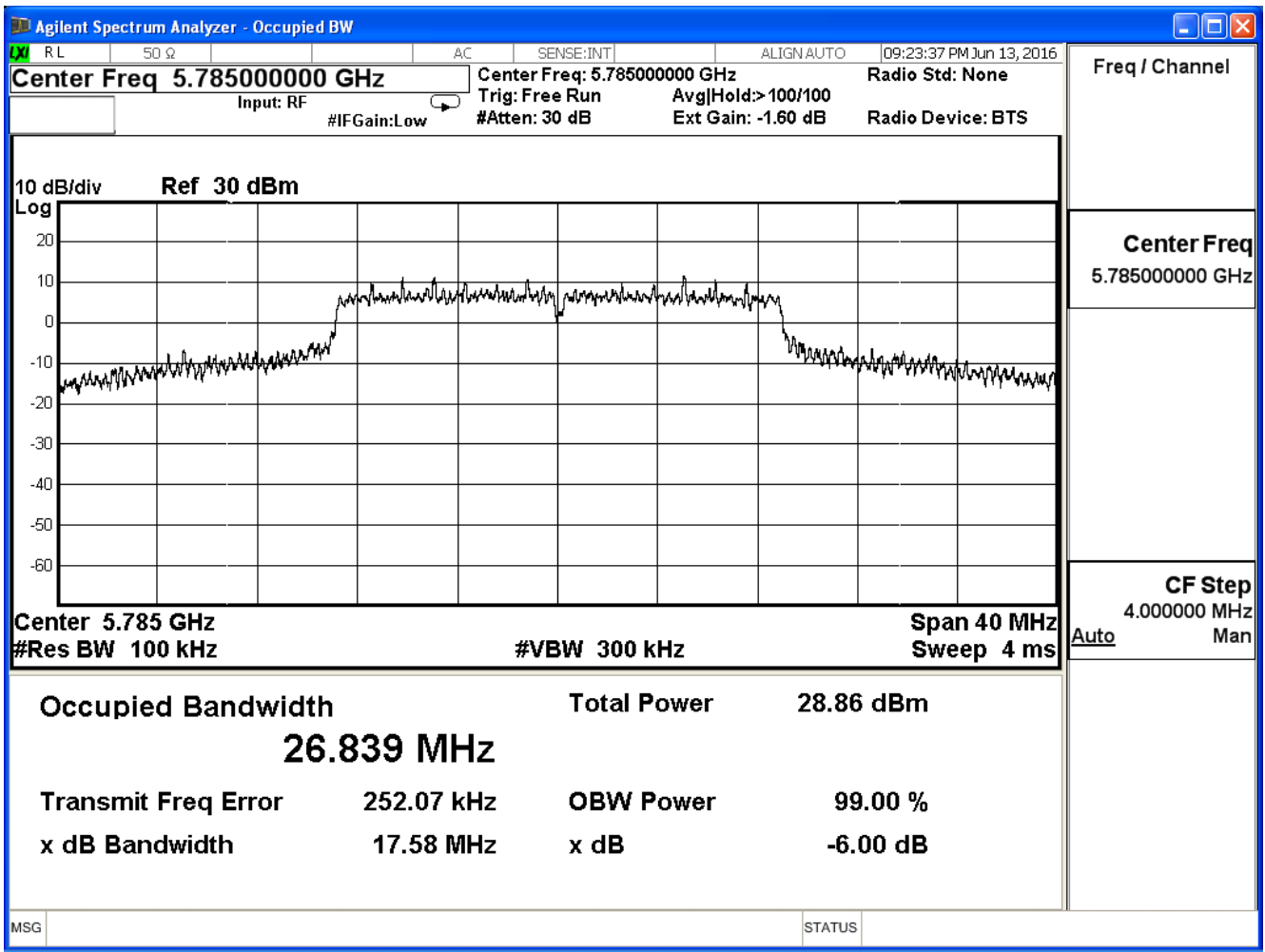
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11n_20M(ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.58	≥ 0.5	Pass
157	5785	17.58	≥ 0.5	Pass
165	5825	17.61	≥ 0.5	Pass

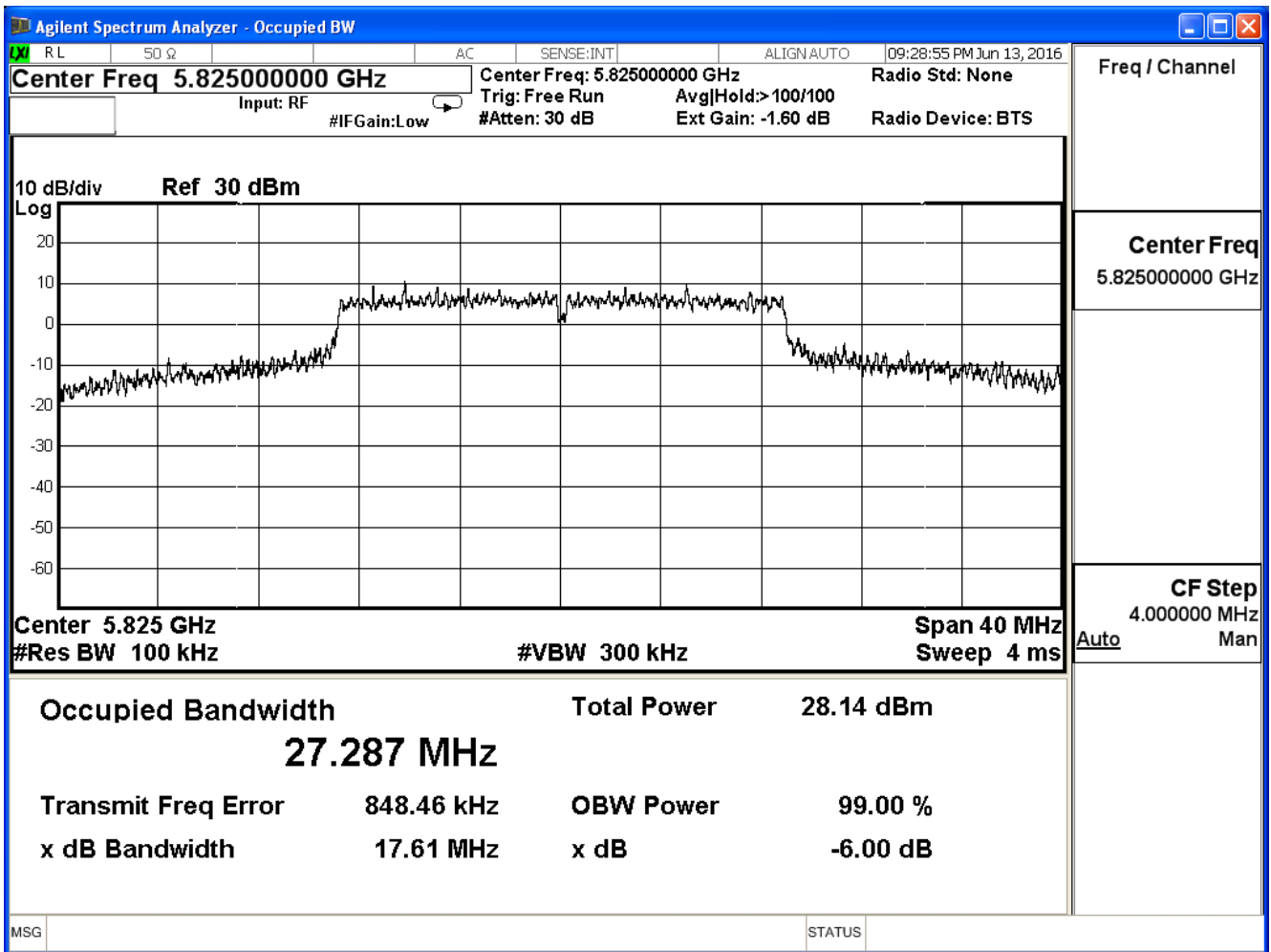
**Channel 149 (5745MHz)**



**Channel 157 (5785MHz)**



**Channel 165 (5825MHz)**

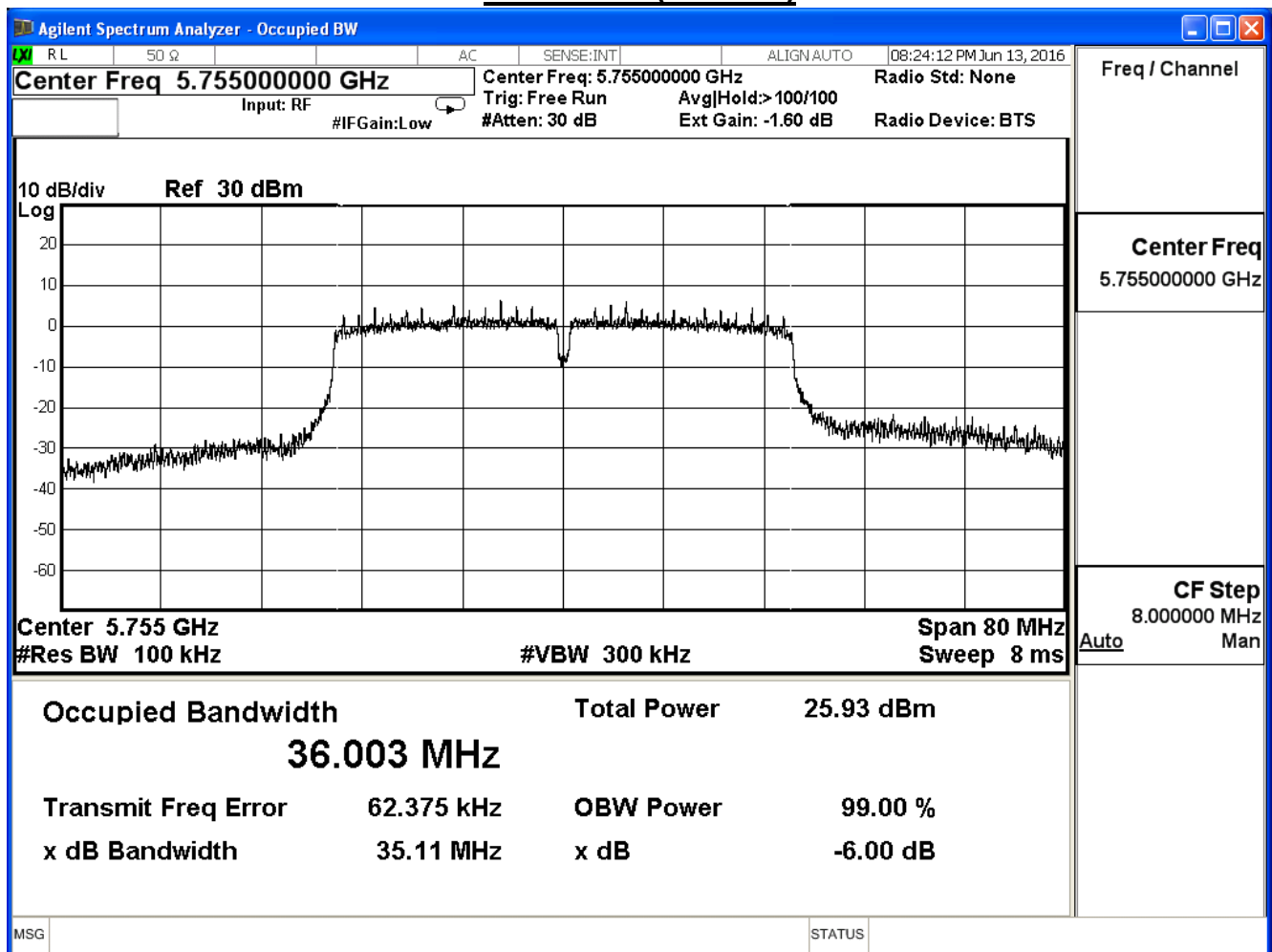




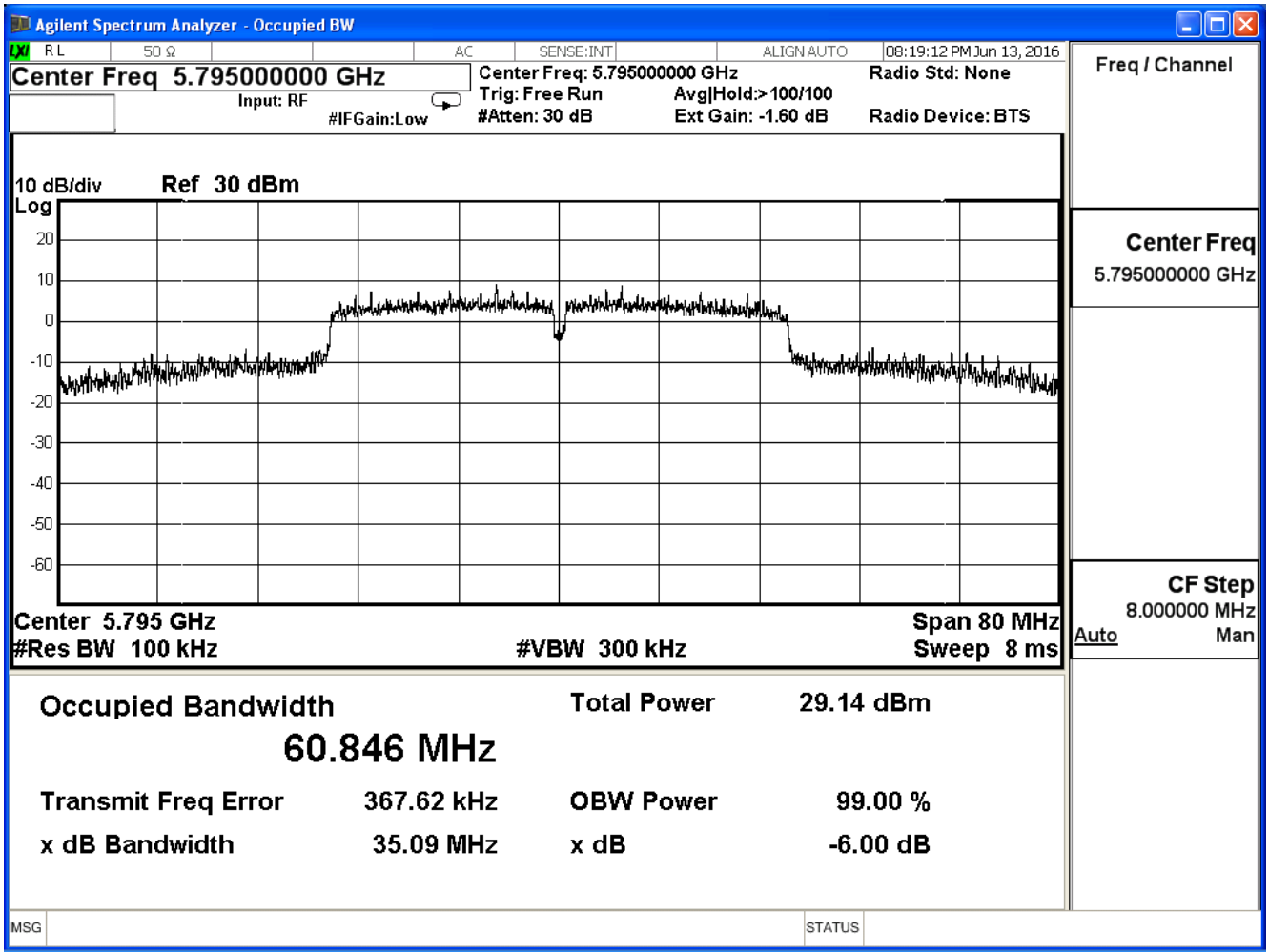
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11n_40M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.11	≥ 0.5	Pass
159	5795	35.09	≥ 0.5	Pass

**Channel 151 (5755MHz)**



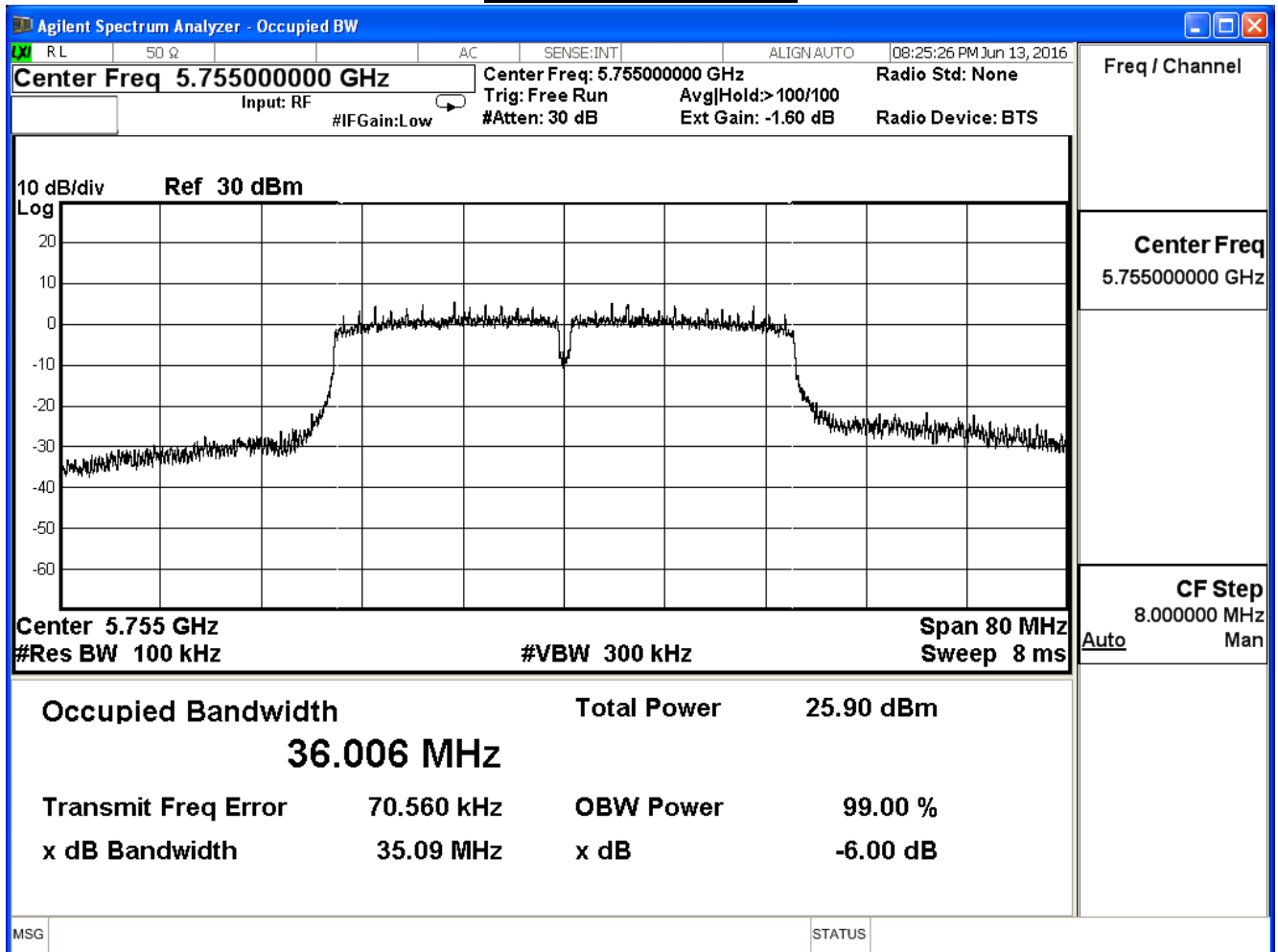
**Channel 159 (5795MHz)**



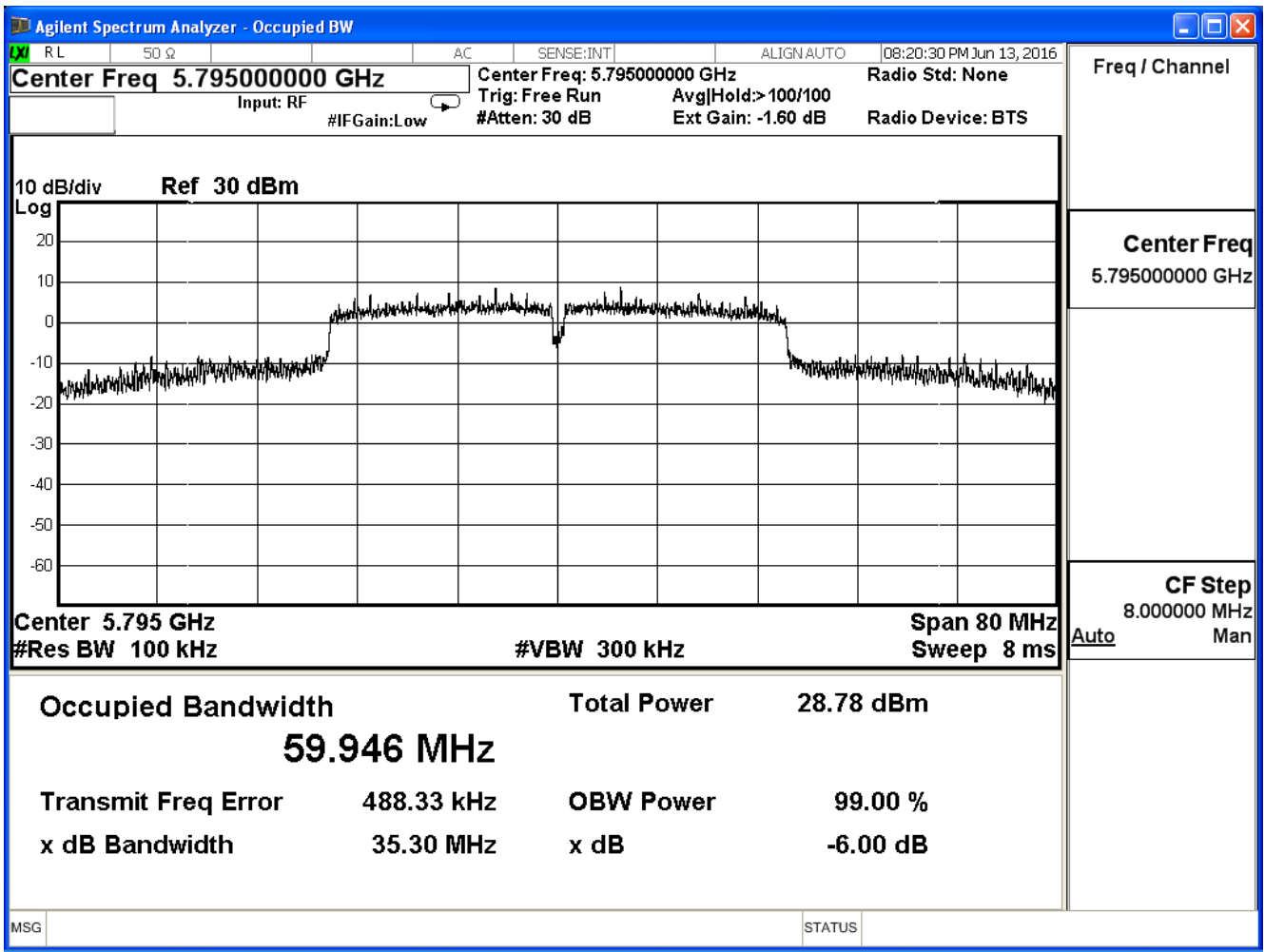
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11n_40M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.09	≥ 0.5	Pass
159	5795	35.30	≥ 0.5	Pass

**Channel 151 (5755MHz)**



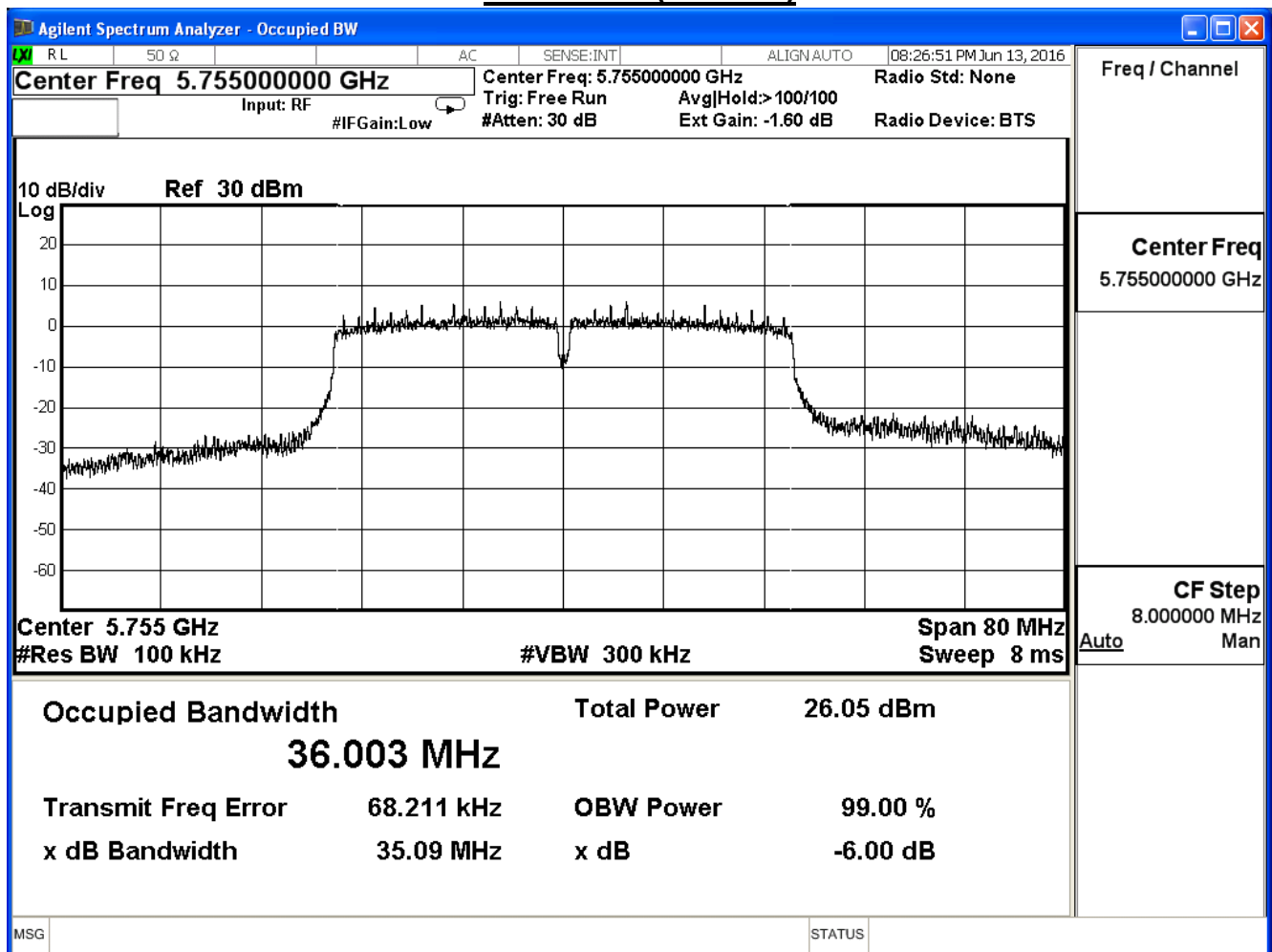
**Channel 159 (5795MHz)**



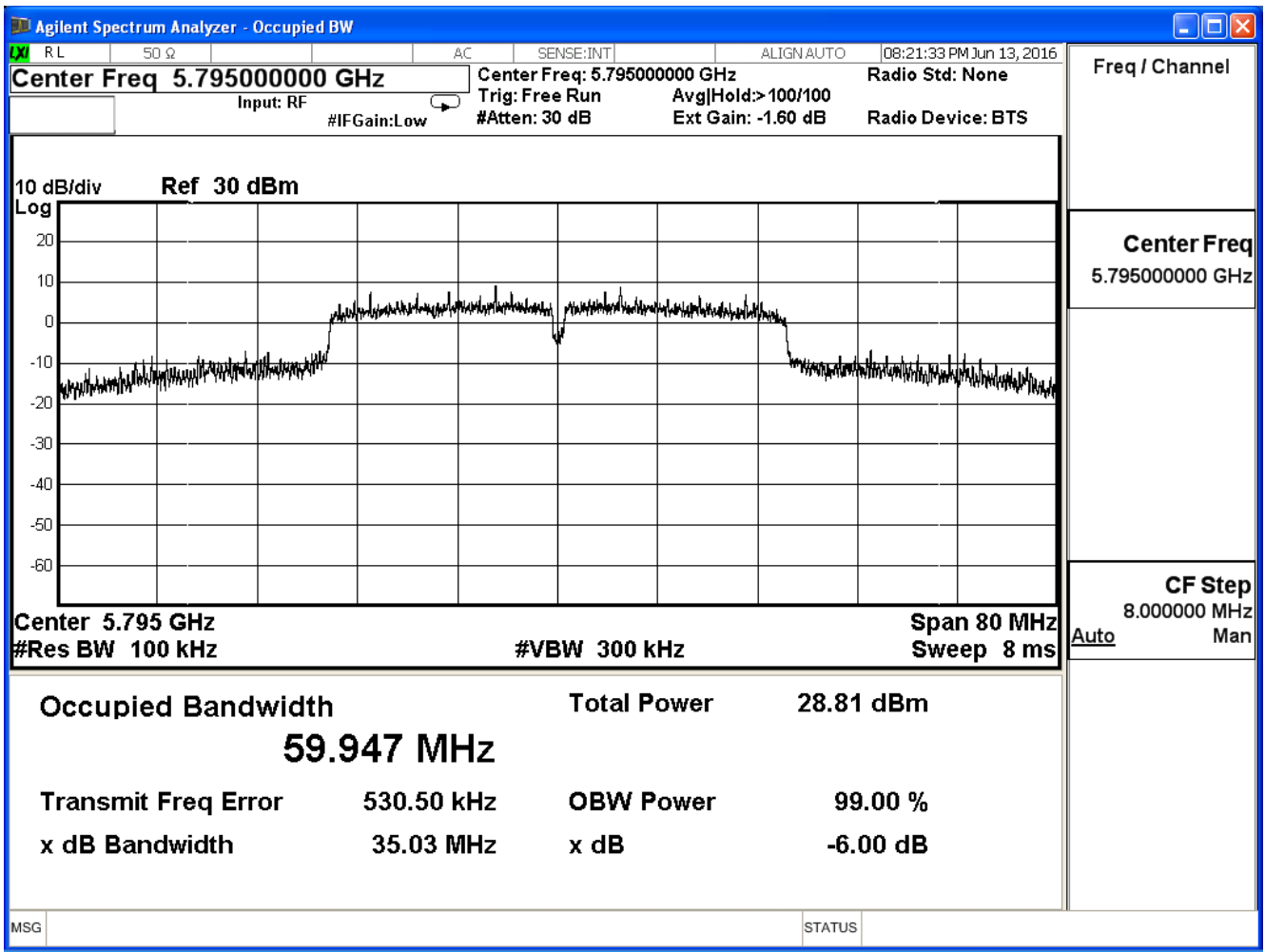
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11n_40M(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.09	≥ 0.5	Pass
159	5795	35.03	≥ 0.5	Pass

**Channel 151 (5755MHz)**



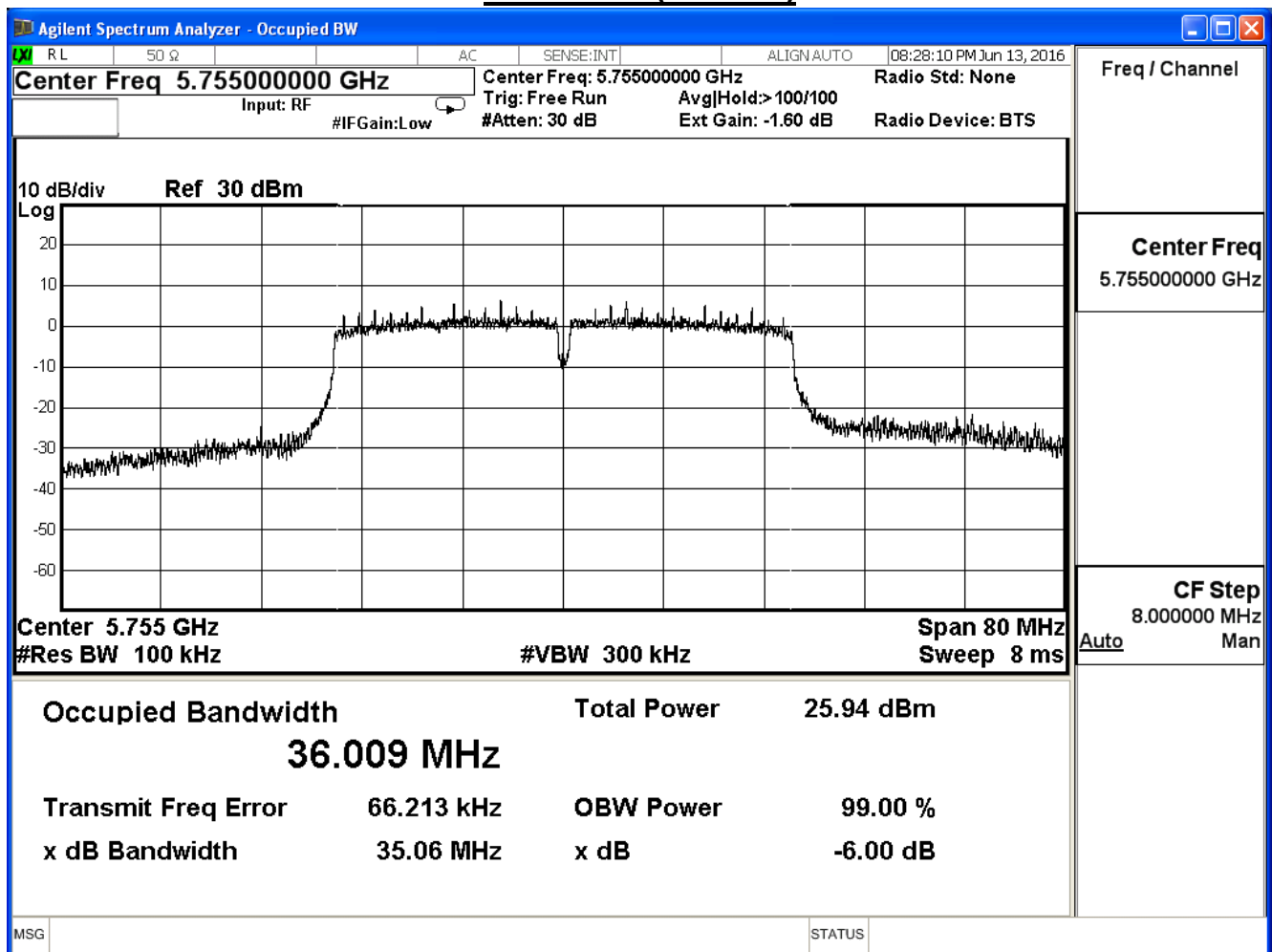
**Channel 159 (5795MHz)**



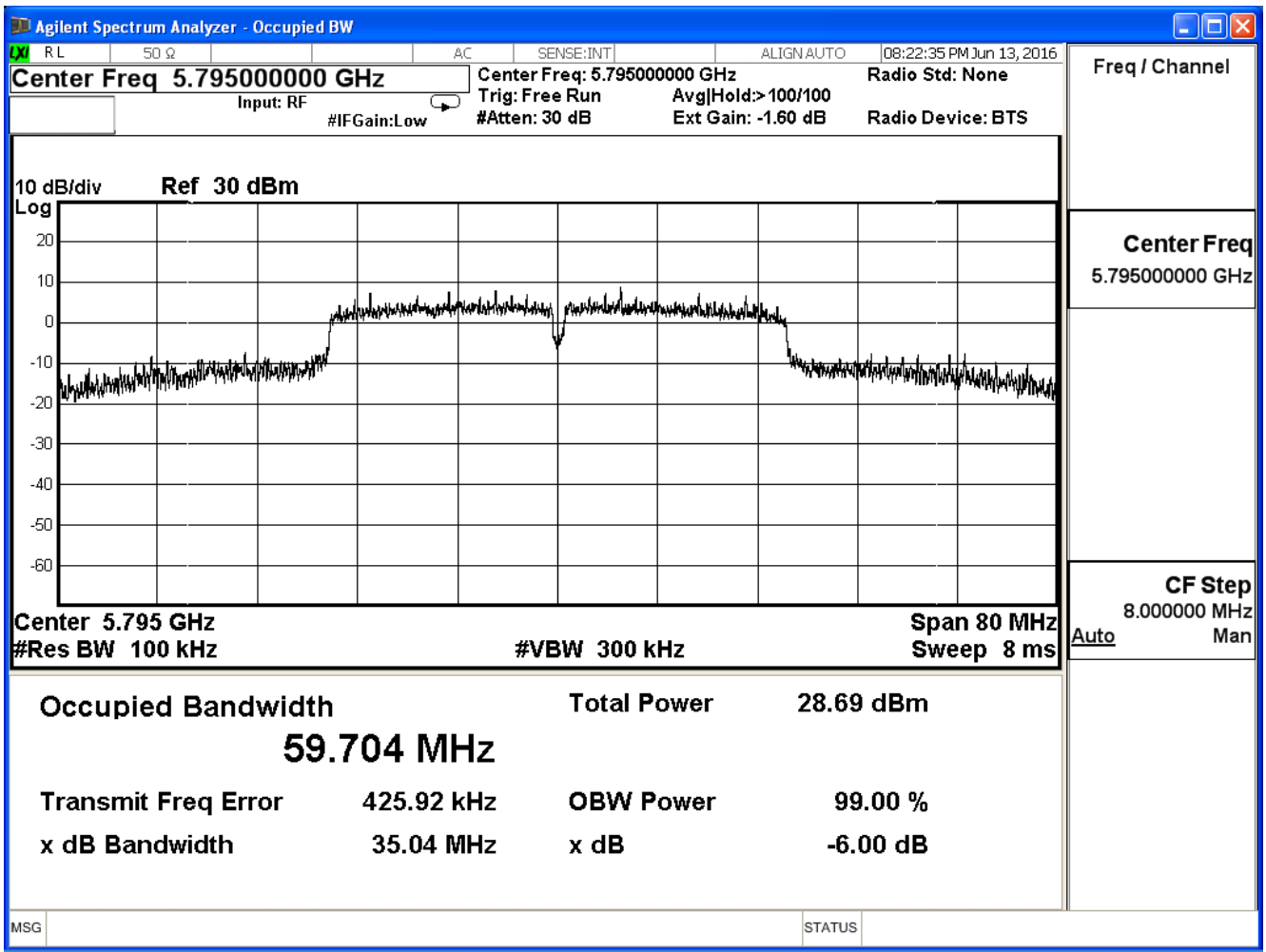
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11n_40M(ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.06	$\geq 0.5$	Pass
159	5795	35.04	$\geq 0.5$	Pass

**Channel 151 (5755MHz)**



**Channel 159 (5795MHz)**

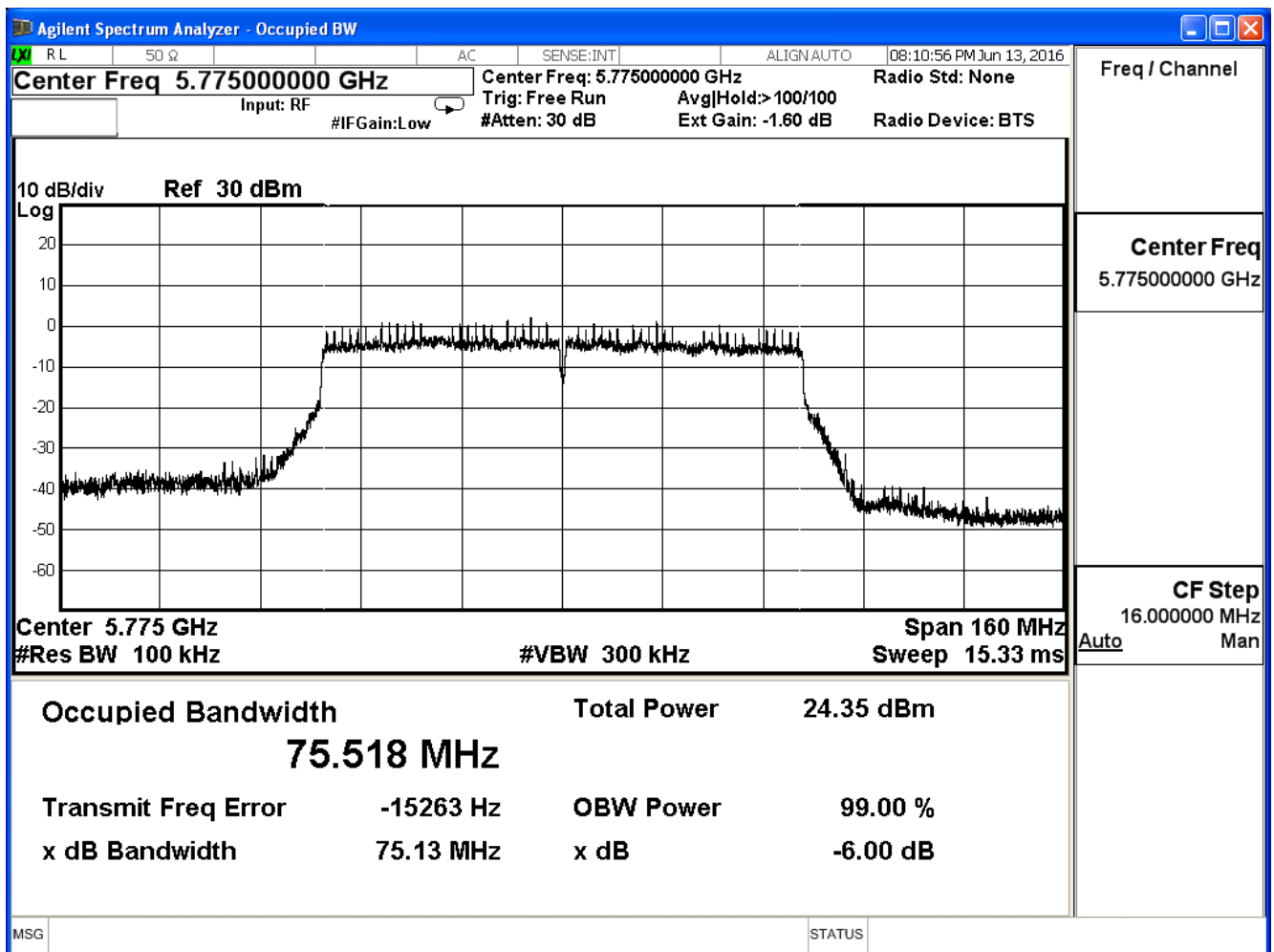




Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11ac_80M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.13	≥ 0.5	Pass

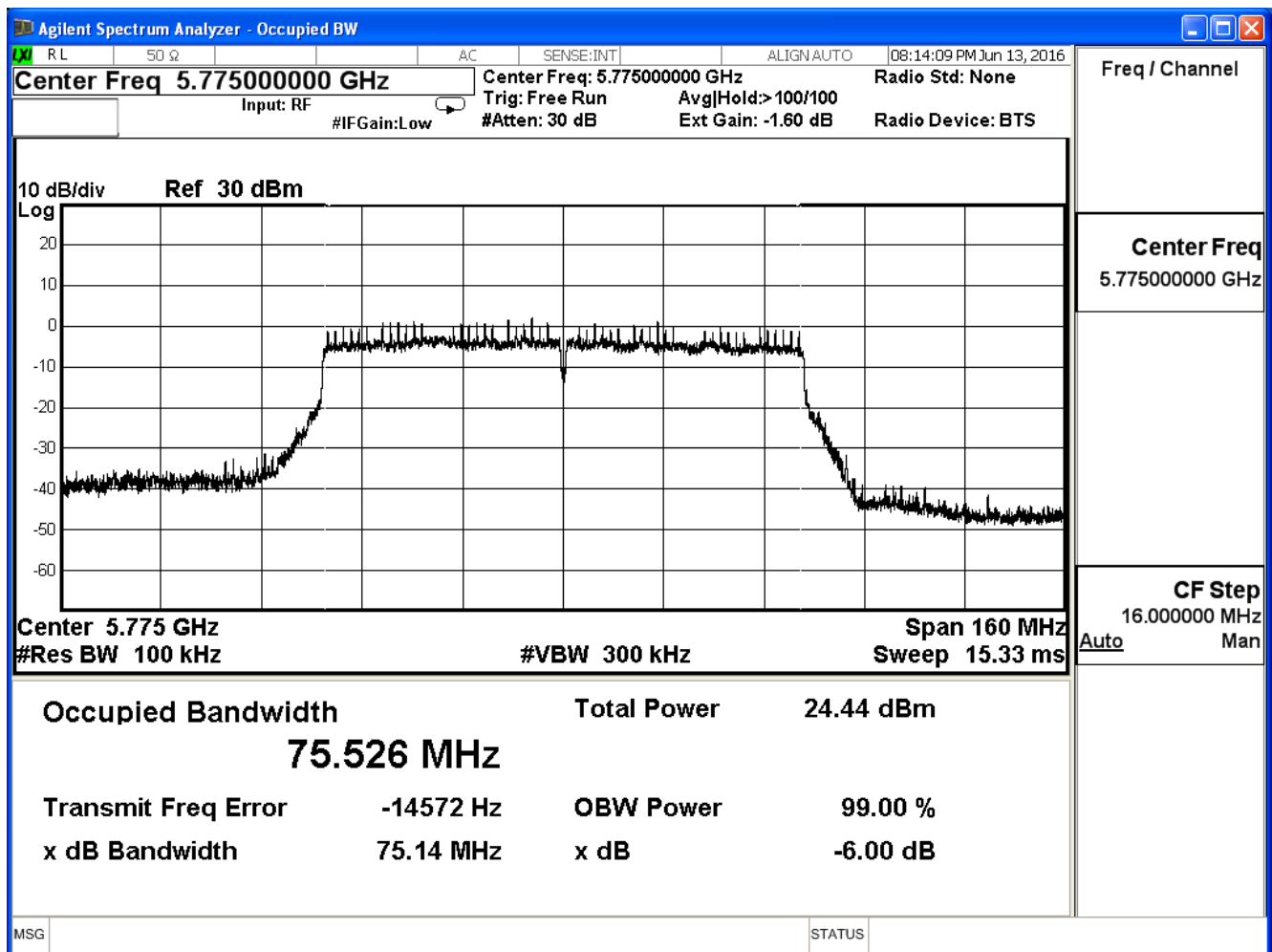
**Channel 155 (5775MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11ac_80M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.14	≥ 0.5	Pass

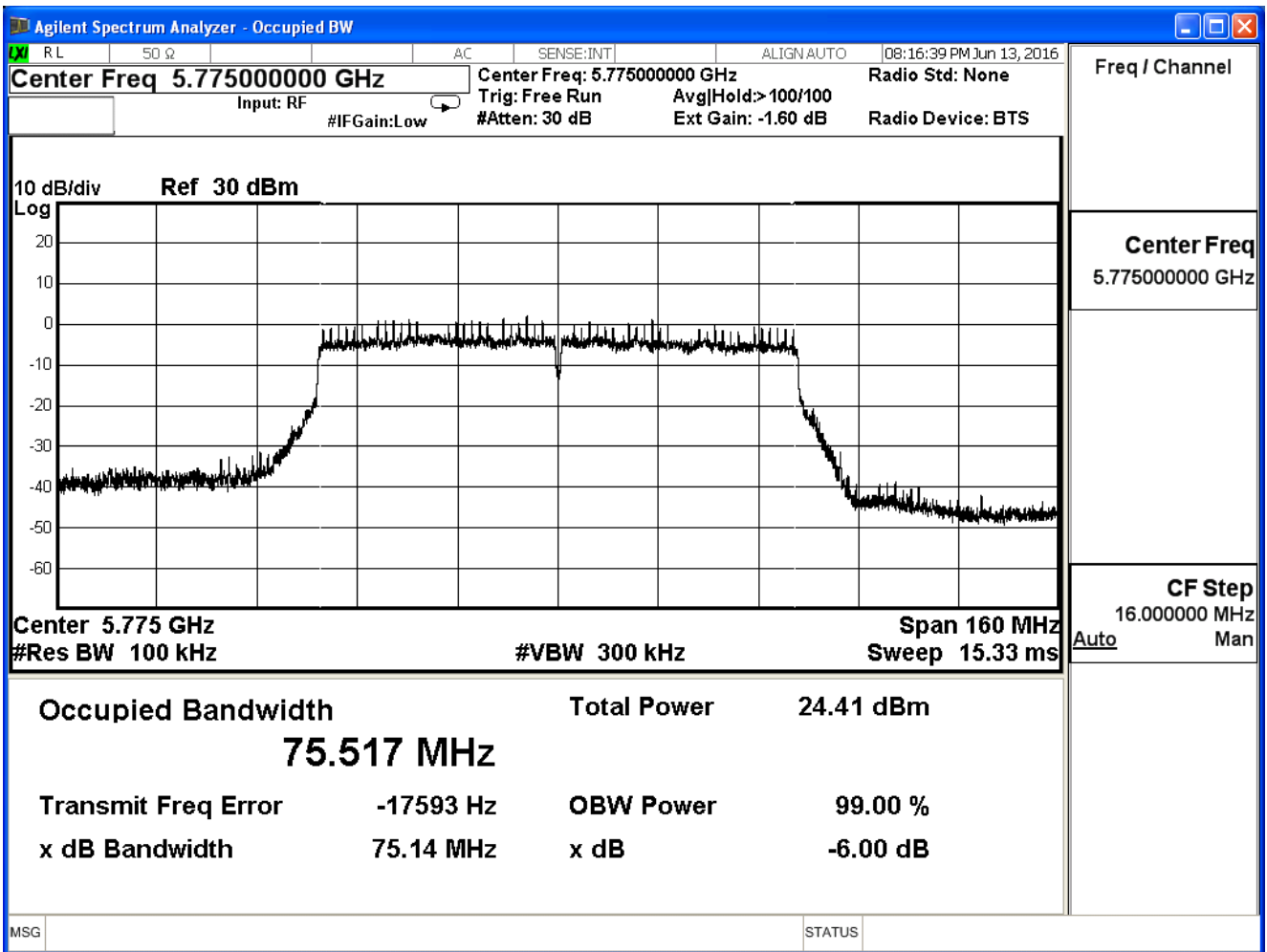
**Channel 155 (5775MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11ac_80M(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.14	≥ 0.5	Pass

**Channel 155 (5775MHz)**



Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40/ac80)_ ADP1		
Date of Test	2016/06/13	Test Site	SR7

802.11ac_80M(ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.13	≥ 0.5	Pass

**Channel 155 (5775MHz)**

