

FCC Test Report

Product Name : ASUS SRT-AC1900 Wireless Smart Router
Trade Name : ASUS
Model No. : SRT-AC1900
FCC ID. : MSQ-SRTAC1900

Applicant : ASUSTeK COMPUTER INC.

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

Date of Receipt : Jun. 11, 2015

Issued Date : Nov. 06, 2015

Report No. : 1560358R-RFUSP28V00

Report Version : V1.0



The test results relate only to the samples tested.

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Test Report Certification

Issued Date : Nov. 06, 2015

Report No. : 1560358R-RFUSP28V00

Quietek

a DEKRA company

Product Name : ASUS SRT-AC1900 Wireless Smart Router
 Applicant : ASUSTeK COMPUTER INC.
 Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
 Manufacturer : MAINTEK Computer(Suzhou) Co., Ltd.
 Model No. : SRT-AC1900
 FCC ID. : MSQ-SRTAC1900
 EUT Voltage : AC 100-240V, 50-60Hz
 Testing Voltage : AC 120V/60Hz
 Trade Name : ASUS
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247:2014
 ANSI C63.10: 2009
 Test Lab : Quietek Hsin Chu Laboratory
 Test Result : Complied

The test results relate only to the samples tested.

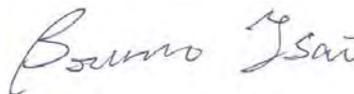
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Documented By :



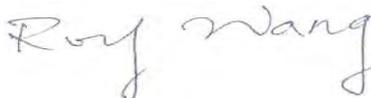
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Tested By :



(Bruno Tsai / Engineer)

Approved By :



(Roy Wang / Director)

Revision History

Report No.	Version	Description	Issued Date
1550110R-RFUSP28V00	Rev. 1.0	Initial issue of report	May 20, 2015
1560358R-RFUSP28V00	Rev. 1.0	<p>The original project number is 1550110R that include BT and WLAN 5G (antenna H+V) function.</p> <p>This is variant report for class II change for below issue:</p> <p>1)Turn on the zigbee and WLAN 2.4G function by software.</p> <p>2)Add AUX antenna report.</p> <p>3)Update the antenna photo on attachment</p>	Nov. 06, 2015

Laboratory Information

We, **QuieTek Corporation**, are an independent RF consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted (audited or listed) by the following related bodies in compliance with ISO 17025 specified testing scopes:

Taiwan R.O.C.	:	TAF, Accreditation Number: 3024
USA	:	FCC, Registration Number: 365520
Canada	:	IC, Submission No: 181665 / IC Registration Number: 4075C-4

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site:<http://www.quietek.com/english/about/certificates.aspx?bval=5>

The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/index_en.aspx

If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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1. General Information

1.1. EUT Description

Product Name	ASUS SRT-AC1900 Wireless Smart Router	
Product Type	WLAN (3TX, 3RX)	
Trade Name	ASUS	
Model No.	SRT-AC1900	
Frequency Range/ Channel Number	IEEE 802.11b/g/ IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz / 11 Channels
	IEEE 802.11n (40MHz)_2.4GHz	2422~2452MHz / 7 Channels
	IEEE 802.11a/ IEEE 802.11n (20MHz)_5.8GHz / IEEE 802.11ac (20MHz)	5745~5825MHz / 5 Channels
	IEEE 802.11n (40MHz)_5.8GHz / IEEE 802.11ac (40MHz)	5755~5795MHz / 2 Channels
	IEEE 802.11ac (80MHz)	5775~5775MHz / 1 Channel
Type of Modulation	IEEE 802.11b	Direct Sequence Spread Spectrum
	IEEE 802.11a/g/n/ac	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11b	1, 2, 5.5, 11Mbps
	IEEE 802.11a/g	6, 9, 18, 24, 36, 48,54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 15 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 Type	Dipole and PIFA	

Antenna Gain:

	V0	V1	V2	H0	H1	H2	AUX	ZB	BT
2.4G	3.82	3.90	2.36	2.90	2.26	3.27	5.10	3.56	3.61
5G-band1	4.58	4.87	4.29	5.04	5.37	4.68	4.40	X	X
5G-band2	4.65	5.10	4.59	5.04	5.35	4.28	4.40	X	X
5G-band3	4.93	4.78	5.67	5.00	4.84	4.96	2.92	X	X
5G-band4	4.23	4.70	5.07	5.55	4.55	5.11	3.95	X	X

Antenna array Gain:

	V0 V1 V2	V0 V1 H2	V0 H1 V2	V0 H1 H2	H0 V1 V2	H0 V1 H2	H0 H1 V2	H0,H1,H2
2.4G	6.35	6.10	5.71	6.05	5.50	5.18	4.76	6.25
5G-band1	8.33	7.02	7.58	7.72	7.93	6.31	7.04	9.11
5G-band2	8.33	7.02	7.58	7.74	7.93	6.19	7.06	9.16
5G-band3	8.91	7.58	7.79	7.88	7.99	7.04	7.37	9.15
5G-band4	8.95	7.51	7.80	8.41	7.36	7.17	7.48	9.34

Accessories Information	
LAN Cable	Non-Shielded, 1.8m, 2 PCS
Power Adatper	PIE., AD891M21 I/P: 100-240V~ 50/60Hz 0.8A O/P : 19V $\overline{=}$ 1.75A Cable Out: Non-Shielded, 1.8m
Power Adatper	PIE., AD890326 I/P: 100-240V~ 50/60Hz 0.8A O/P : 19V $\overline{=}$ 1.75A Cable Out: Non-Shielded, 1.8m
Power Adatper	Delta, ADP-33AW I/P: 100-240V~1A 50-60Hz O/P : 19V $\overline{=}$ 1.75A Cable Out: Non-Shielded, 1.8m

ANT-TX / RX & Bandwidth

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

Wifi: 3TX / 3RX(H/V Antenna); Wifi: 1TX / 1RX(AUX Antenna);

BT 2.0: 1TX/1RX; BT4.0: 1TX/1RX; Zigbee: 1TX/1RX



IEEE 802.11n

MCS Index	Modulation	R	N _{BPSCS}	N _{CBPS}		N _{DBPS}		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 _{BPSCS}	N _{CBPS}		N _{DBPS}		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 _{BPSCS}	N _{CBPS}		N _{DBPS}		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

Symbol	Explanation
R	Code rate
N _{BPSC}	Number of coded bits per single carrier
N _{CBPS}	Number of coded bits per symbol
N _{DBPS}	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	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

IEEE 802.11b/g & IEEE 802.11n (20MHz) - 2.4GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2412 MHz	002	2417 MHz	003	2422 MHz	004	2427 MHz
005	2432 MHz	006	2437 MHz	007	2442 MHz	008	2447 MHz
009	2452 MHz	010	2457 MHz	011	2462 MHz		

IEEE 802.11n (40MHz) - 2.4GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz		

IEEE 802.11a & IEEE 802.11n (20MHz) & IEEE 802.11ac (20MHz) - 5GHz

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz						

IEEE 802.11n (40MHz) & IEEE 802.11ac (40MHz) - 5GHz

Working Frequency of Each Channel			
Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

IEEE 802.11ac (80MHz) - 5GHz

Working Frequency of Each Channel	
Channel	Frequency
155	5775 MHz

Note:

1. This device is an ASUS SRT-AC1900 Wireless Smart Router including 2.4G & 5GHz Wifi (H/V Antenna): b/g/a/n/ac (3x3) 、 2.4G& 5GHz Wifi (AUX Antenna): b/g/a/n/ac (1x1) 、 BT 2.0 、 BT4.0 and Zigbee transmitting and receiving function.
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
3. 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.
4. The 2.4G & 5.8GHz is performed according to the DTS Test Procedures old Rules.
5. This device has USB and Ethernet ports, which can be connected to computer. It is a Class B personal computer and peripheral. Its test report number is 1560358R-RFUSP01V00 under part 15B with Declaration of Conformity letter.
6. The function of the 2.4GHz & 5.8GHz transmitting is measured and makes a test report of the report number: 1560358R-RFUSP28V00-A & 1560358R-RFUSP59V00 & 1560358R-RFUSP59V00-A.
7. The function of the Zigbee transmitting is measured the test report of the number is 1560358R-RFUSP24V00.
8. The function of the BT2.0 and BT4.0 transmitting are measured and makes a test report of the report number: 1560358R-RFUSP01V00-A and 1560358R-RFUSP01V00-B.

1.2. Test Mode

QuieTek 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- Horizontal Antenna (AD891M21) Mode 2: Tx- Vertical Antenna (AD891M21) Mode 3: Tx- Horizontal Antenna (AD890326) Mode 4: Tx- Vertical Antenna (AD890326) Mode 5: Tx- Horizontal Antenna (ADP-33AW) Mode 6: Tx- Vertical Antenna (ADP-33AW)
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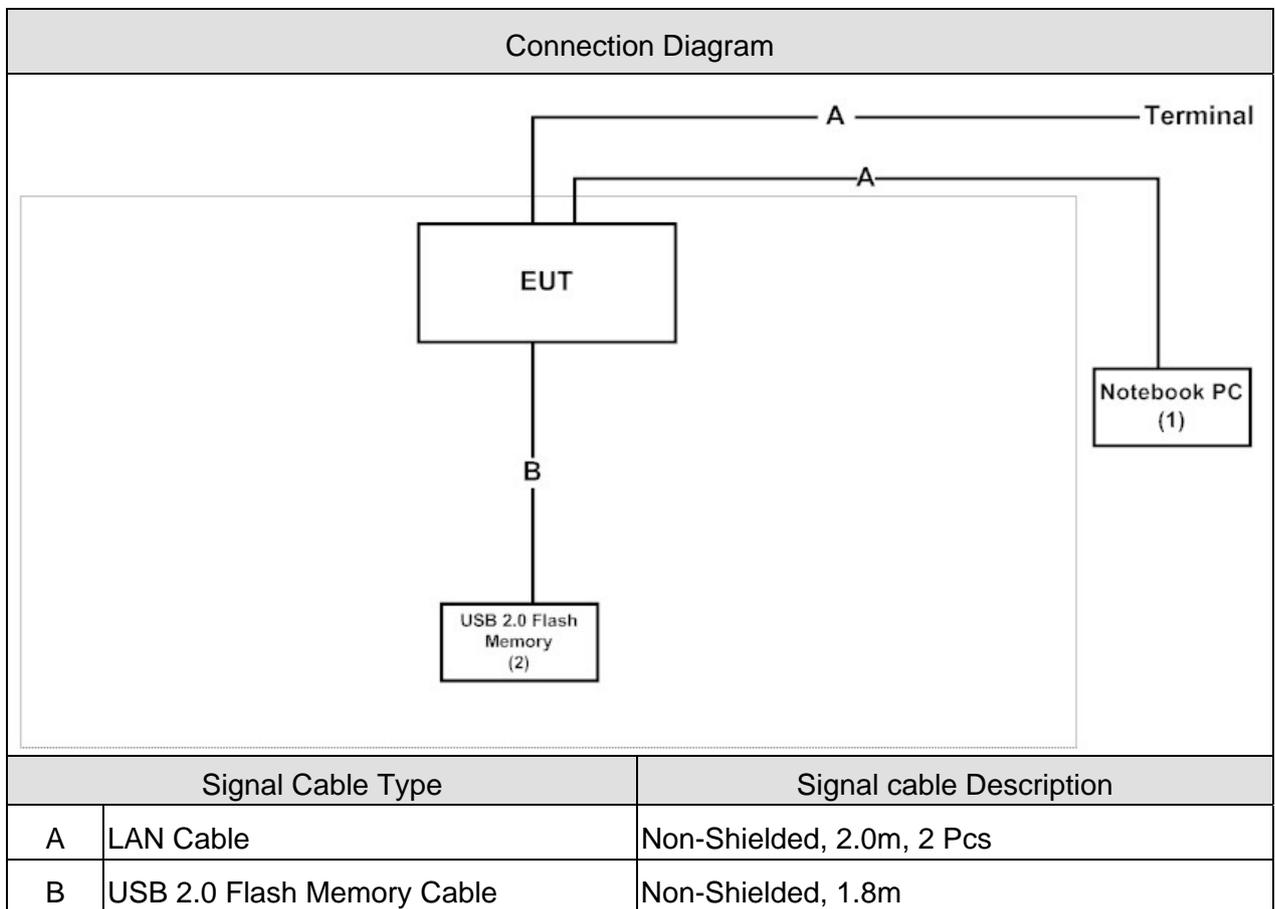
Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6	0+1+2	Complies
	11ac(80MHz)	155	0+1+2	Complies
Peak Power Output	a	149/ 157/ 165	0+1+2	Complies
	b/g	1/ 6/ 11	0+1+2	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
	11ac(80MHz)	155	0+1+2	Complies
Radiated Emission	a	149/ 157/ 165	0+1+2	Complies
	b/g	1/ 6/ 11	0+1+2	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
	11ac(80MHz)	155	0+1+2	Complies
RF antenna conducted test	a	149/ 165	0/1/2	Complies
	b/g	1/ 11	0/1/2	Complies
	11n(20MHz)	1/ 11/ 149/ 165	0/1/2	Complies
	11n(40MHz)	3/ 9/ 151/ 159	0/1/2	Complies
	11ac(80MHz)	155	0/1/2	Complies
Radiated Emission Band Edge	b/g	1/ 11/149/157/165	0+1+2	Complies
	11n(20MHz)	1/ 11/149/157/165	0+1+2	Complies
	11n(40MHz)	3/ 9/151/159	0+1+2	Complies
Occupied Bandwidth	a	149/ 157/ 165	0/1/2	Complies
	b/g	1/ 6/ 11	0/1/2	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0/1/2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0/1/2	Complies
	11ac(80MHz)	155	0/1/2	Complies
Power Density	a	149/ 157/ 165	0+1+2	Complies
	b/g	1/ 6/ 11	0+1+2	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2	Complies
	11ac(80MHz)	155	0+1+2	Complies

1.3. Tested System Details

The types for all equipments, 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 Notebook PC	DELL	Vostro3400	7F808N1	DoC	Non-Shielded, 1.8m
2 USB 2.0 Flash Memory	Apacer	AH223	N/A	DoC	--

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the telnet command 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
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000

2. Conducted Emission

2.1. Test Equipment

The following test equipments are used during the test:

Conducted Emission / SR3 (For 2.4G)

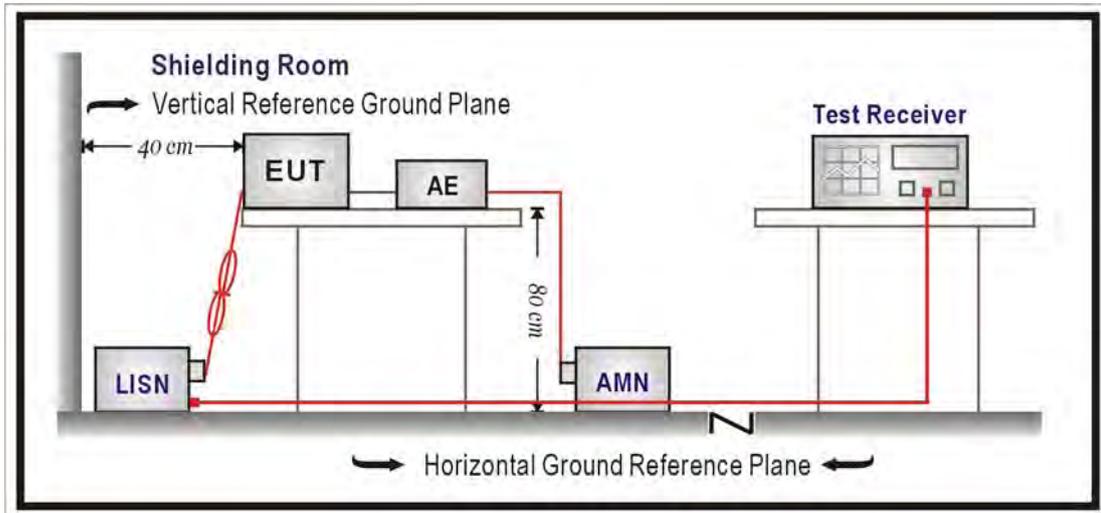
Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	2016/01/25
LISN	R&S	ENV216	100092	2015/08/24
Test Receiver	R&S	ESCS 30	825442/014	2016/07/13

Conducted Emission / SR2 (For 5G)

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	2016/01/25
LISN	R&S	ENV216	100092	2015/08/24
Test Receiver	R&S	ESCS 30	825442/014	2015/07/13

Note: 1. All equipments 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

Remarks: 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: 2009 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

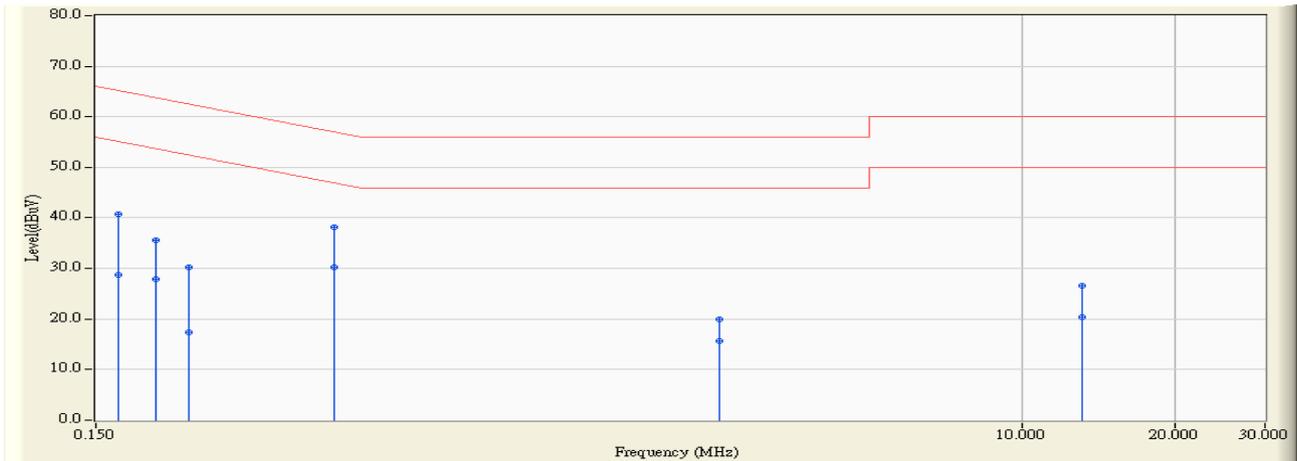
According to FCC Part 15 Subpart C Paragraph 15.207: 2014

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR3	Time : 2015/08/05 - 15:08
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-4_0811 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1 / Mode 2 : Tx-(AD891M21) 802.11n40_2437MHz

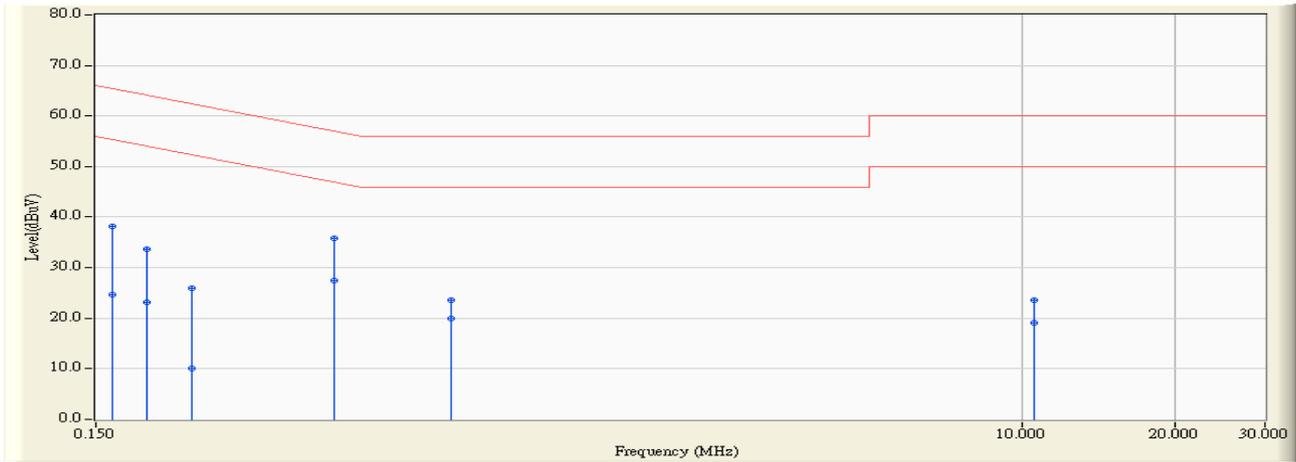


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	9.665	31.140	40.806	-24.371	65.177	QUASPEAK
2	0.166	9.665	19.170	28.836	-26.341	55.177	AVERAGE
3	0.197	9.676	26.020	35.696	-28.046	63.741	QUASPEAK
4	0.197	9.676	18.170	27.846	-25.896	53.741	AVERAGE
5	0.228	9.695	20.440	30.135	-32.383	62.518	QUASPEAK
6	0.228	9.695	7.580	17.275	-35.243	52.518	AVERAGE
7	0.443	9.810	28.300	38.110	-18.896	57.006	QUASPEAK
8	* 0.443	9.810	20.470	30.280	-16.726	47.006	AVERAGE
9	2.525	9.975	9.880	19.855	-36.145	56.000	QUASPEAK
10	2.525	9.975	5.680	15.655	-30.345	46.000	AVERAGE
11	13.056	10.132	16.420	26.552	-33.448	60.000	QUASPEAK
12	13.056	10.132	10.190	20.322	-29.678	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 : SR3	Time : 2015/08/05 - 15:05
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-4_0811 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1 / Mode 2 : Tx-(AD891M21) 802.11n40_2437MHz

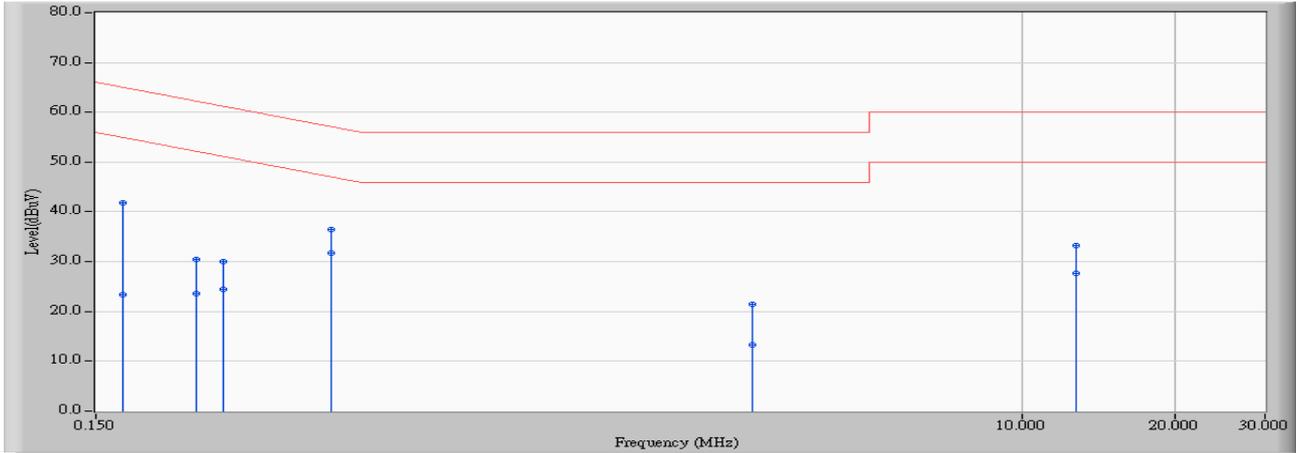


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV)	Margin (dB)	Limit (dBμV)	Detector Type
1	0.162	9.659	28.620	38.279	-27.097	65.375	QUASPEAK
2	0.162	9.659	15.040	24.699	-30.677	55.375	AVERAGE
3	0.189	9.662	24.060	33.722	-30.355	64.078	QUASPEAK
4	0.189	9.662	13.450	23.112	-30.965	54.078	AVERAGE
5	0.232	9.689	16.340	26.029	-36.348	62.377	QUASPEAK
6	0.232	9.689	0.290	9.979	-42.398	52.377	AVERAGE
7	0.443	9.810	26.000	35.810	-21.196	57.006	QUASPEAK
8	*	9.810	17.720	27.530	-19.476	47.006	AVERAGE
9	0.752	9.896	13.700	23.596	-32.404	56.000	QUASPEAK
10	0.752	9.896	10.110	20.006	-25.994	46.000	AVERAGE
11	10.568	10.189	13.340	23.529	-36.471	60.000	QUASPEAK
12	10.568	10.189	8.830	19.019	-30.981	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	Time : 2015/05/19 - 14:34
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1 / Mode 2: Tx (AD891M21) 802.11ac 5775MHz

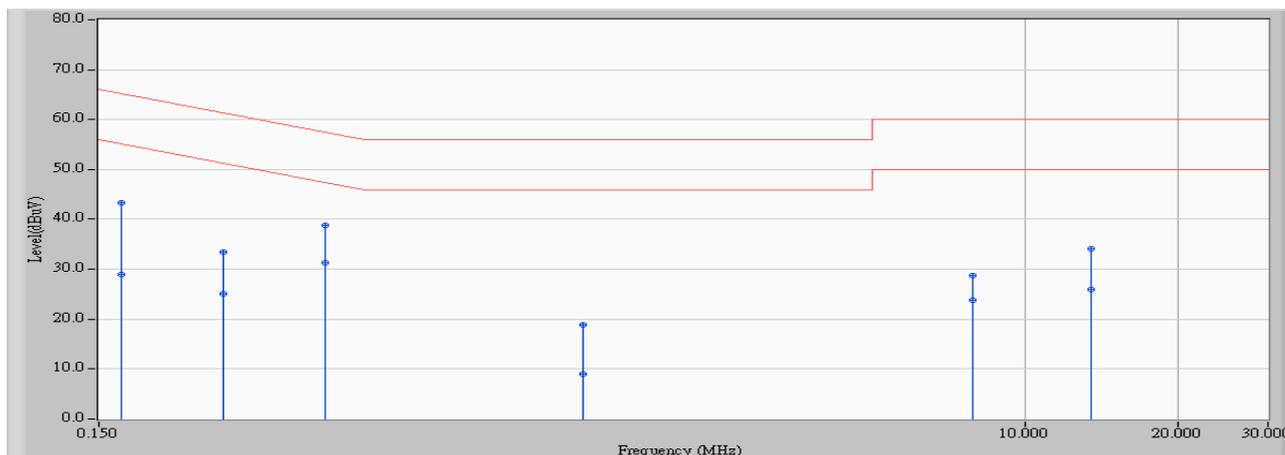


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.170	9.760	32.150	41.910	-23.073	64.983	QUASPEAK
2	0.170	9.760	13.530	23.290	-31.693	54.983	AVERAGE
3	0.236	9.758	20.690	30.448	-31.790	62.238	QUASPEAK
4	0.236	9.758	13.880	23.638	-28.600	52.238	AVERAGE
5	0.267	9.757	20.220	29.977	-31.228	61.205	QUASPEAK
6	0.267	9.757	14.770	24.527	-26.678	51.205	AVERAGE
7	0.435	9.751	26.650	36.401	-20.753	57.154	QUASPEAK
8	* 0.435	9.751	21.890	31.641	-15.513	47.154	AVERAGE
9	2.935	9.866	11.600	21.465	-34.535	56.000	QUASPEAK
10	2.935	9.866	3.360	13.225	-32.775	46.000	AVERAGE
11	12.716	10.146	23.000	33.146	-26.854	60.000	QUASPEAK
12	12.716	10.146	17.420	27.566	-22.434	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	Time : 2015/05/19 - 14:31
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1 / Mode 2: Tx (AD891M21) 802.11ac 5775MHz

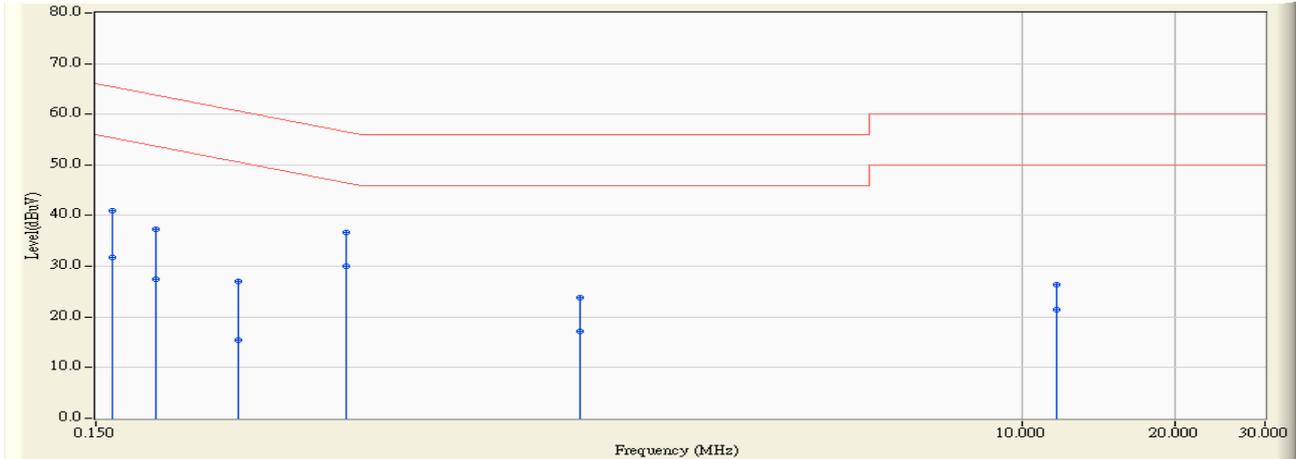


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	9.810	33.600	43.410	-21.767	65.177	QUASPEAK
2	0.166	9.810	19.170	28.980	-26.197	55.177	AVERAGE
3	0.263	9.813	23.750	33.563	-27.764	61.327	QUASPEAK
4	0.263	9.813	15.270	25.083	-26.244	51.327	AVERAGE
5	0.420	9.820	28.930	38.750	-18.707	57.457	QUASPEAK
6	* 0.420	9.820	21.450	31.270	-16.187	47.457	AVERAGE
7	1.349	9.873	9.010	18.883	-37.117	56.000	QUASPEAK
8	1.349	9.873	-0.960	8.913	-37.087	46.000	AVERAGE
9	7.888	10.127	18.680	28.807	-31.193	60.000	QUASPEAK
10	7.888	10.127	13.630	23.757	-26.243	50.000	AVERAGE
11	13.474	10.284	23.760	34.044	-25.956	60.000	QUASPEAK
12	13.474	10.284	15.570	25.854	-24.146	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 : SR3	Time : 2015/08/07 - 10:41
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-4_0811 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3 / Mode 4: Tx (AD890326) 802.11n40_2437MHz

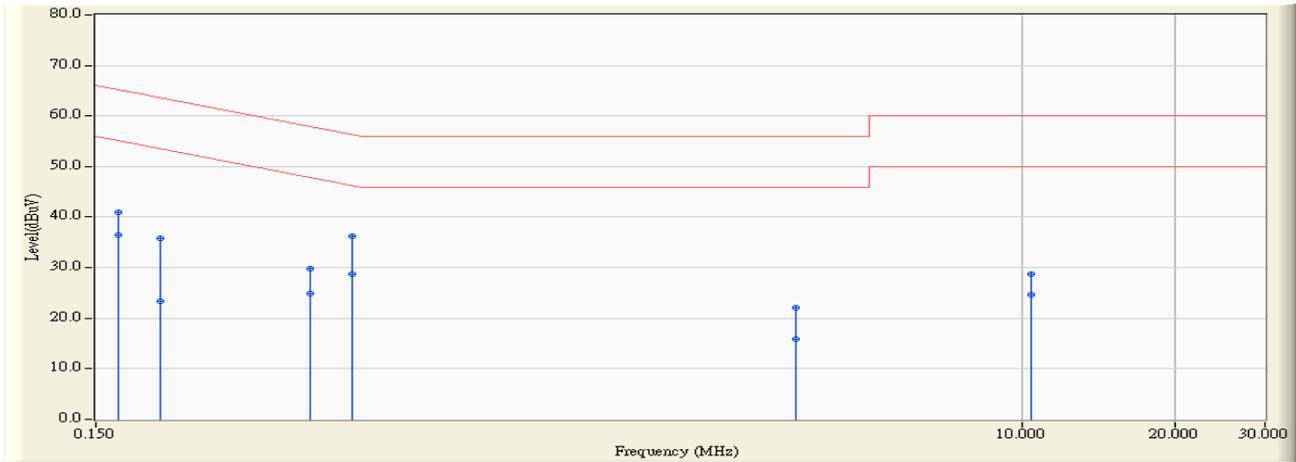


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.162	9.665	31.220	40.885	-24.490	65.375	QUASPEAK
2	0.162	9.665	22.180	31.845	-23.530	55.375	AVERAGE
3	0.197	9.676	27.620	37.296	-26.446	63.741	QUASPEAK
4	0.197	9.676	17.720	27.396	-26.346	53.741	AVERAGE
5	0.287	9.721	17.240	26.961	-33.658	60.619	QUASPEAK
6	0.287	9.721	5.780	15.501	-35.118	50.619	AVERAGE
7	0.466	9.824	26.920	36.744	-19.834	56.578	QUASPEAK
8	* 0.466	9.824	20.130	29.954	-16.624	46.578	AVERAGE
9	1.345	9.950	13.920	23.870	-32.130	56.000	QUASPEAK
10	1.345	9.950	7.130	17.080	-28.920	46.000	AVERAGE
11	11.701	10.127	16.240	26.367	-33.633	60.000	QUASPEAK
12	11.701	10.127	11.330	21.457	-28.543	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 : SR3	Time : 2015/08/07 - 10:43
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-4_0811 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3 / Mode 4: Tx (AD890326) 802.11n40_2437MHz

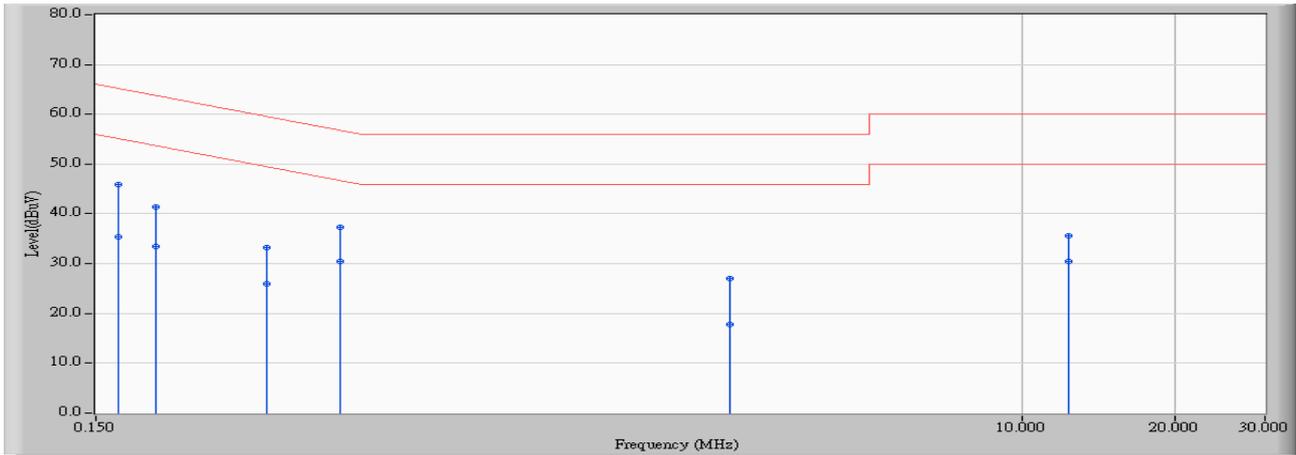


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV)	Margin (dB)	Limit (dBμV)	Detector Type
1	0.166	9.659	31.220	40.879	-24.298	65.177	QUASPEAK
2	0.166	9.659	26.890	36.549	-18.628	55.177	AVERAGE
3	0.201	9.669	26.160	35.829	-27.749	63.578	QUASPEAK
4	0.201	9.669	13.750	23.419	-30.159	53.578	AVERAGE
5	0.396	9.779	20.040	29.819	-28.116	57.935	QUASPEAK
6	0.396	9.779	15.160	24.939	-22.996	47.935	AVERAGE
7	0.478	9.827	26.440	36.268	-20.104	56.372	QUASPEAK
8	* 0.478	9.827	18.850	28.678	-17.694	46.372	AVERAGE
9	3.584	10.026	12.020	22.046	-33.954	56.000	QUASPEAK
10	3.584	10.026	5.780	15.806	-30.194	46.000	AVERAGE
11	10.380	10.186	18.600	28.786	-31.214	60.000	QUASPEAK
12	10.380	10.186	14.450	24.636	-25.364	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	Time : 2015/05/19 - 16:23
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3 / Mode 4: Tx (AD890326) 802.11ac 5775MHz

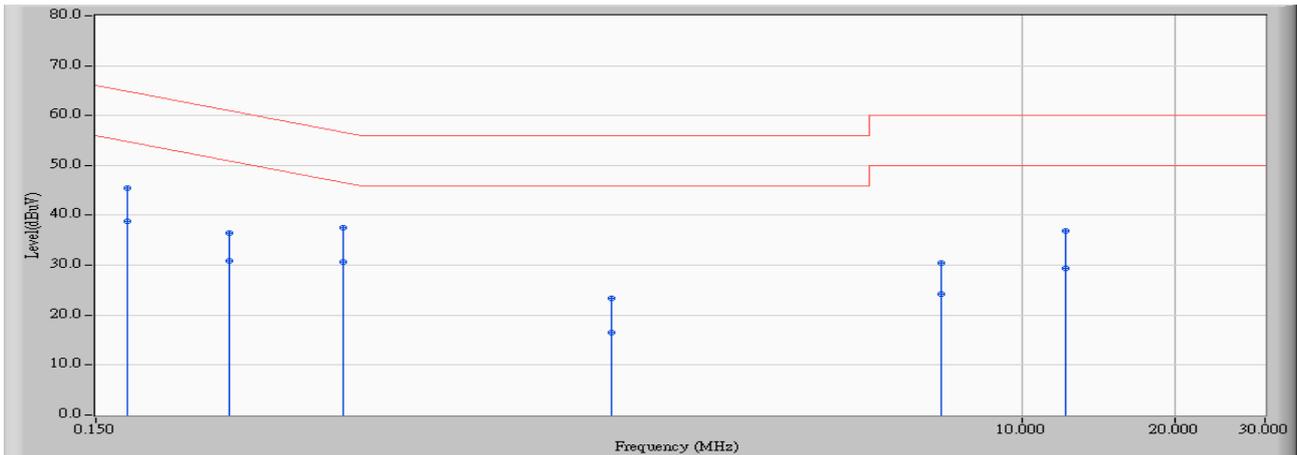


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	9.760	36.190	45.950	-19.227	65.177	QUASPEAK
2	0.166	9.760	25.630	35.390	-19.787	55.177	AVERAGE
3	0.197	9.760	31.650	41.410	-22.332	63.741	QUASPEAK
4	0.197	9.760	23.750	33.510	-20.232	53.741	AVERAGE
5	0.326	9.754	23.390	33.144	-26.414	59.558	QUASPEAK
6	0.326	9.754	16.120	25.874	-23.684	49.558	AVERAGE
7	0.455	9.751	27.490	37.241	-19.548	56.789	QUASPEAK
8	* 0.455	9.751	20.730	30.481	-16.308	46.789	AVERAGE
9	2.654	9.851	17.120	26.972	-29.028	56.000	QUASPEAK
10	2.654	9.851	7.930	17.782	-28.218	46.000	AVERAGE
11	12.302	10.139	25.550	35.689	-24.311	60.000	QUASPEAK
12	12.302	10.139	20.360	30.499	-19.501	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	Time : 2015/05/19 - 16:17
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3 / Mode 4: Tx (AD890326) 802.11ac 5775MHz

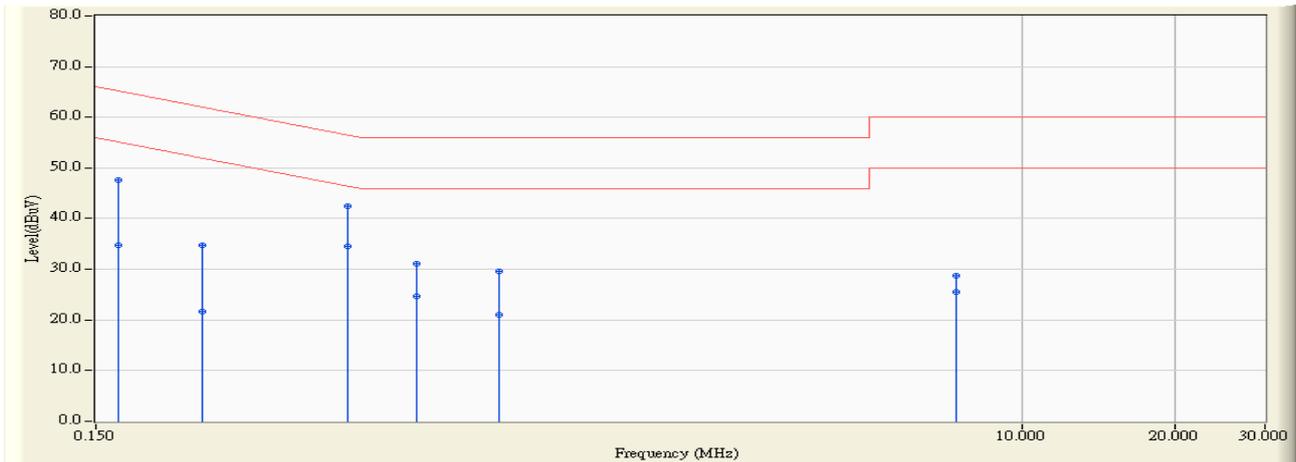


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.173	9.810	35.630	45.440	-19.354	64.794	QUASPEAK
2	* 0.173	9.810	29.030	38.840	-15.954	54.794	AVERAGE
3	0.275	9.814	26.670	36.484	-24.482	60.966	QUASPEAK
4	0.275	9.814	21.090	30.904	-20.062	50.966	AVERAGE
5	0.459	9.820	27.640	37.460	-19.258	56.718	QUASPEAK
6	0.459	9.820	20.800	30.620	-16.098	46.718	AVERAGE
7	1.552	9.876	13.590	23.466	-32.534	56.000	QUASPEAK
8	1.552	9.876	6.700	16.576	-29.424	46.000	AVERAGE
9	6.931	10.099	20.450	30.549	-29.451	60.000	QUASPEAK
10	6.931	10.099	14.120	24.219	-25.781	50.000	AVERAGE
11	12.115	10.247	26.680	36.927	-23.073	60.000	QUASPEAK
12	12.115	10.247	19.220	29.467	-20.533	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 : SR3	Time : 2015/08/04 - 15:42
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-4_0811 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5 / Mode 6: Tx (ADP-33AW) 802.11n40_2437MHz

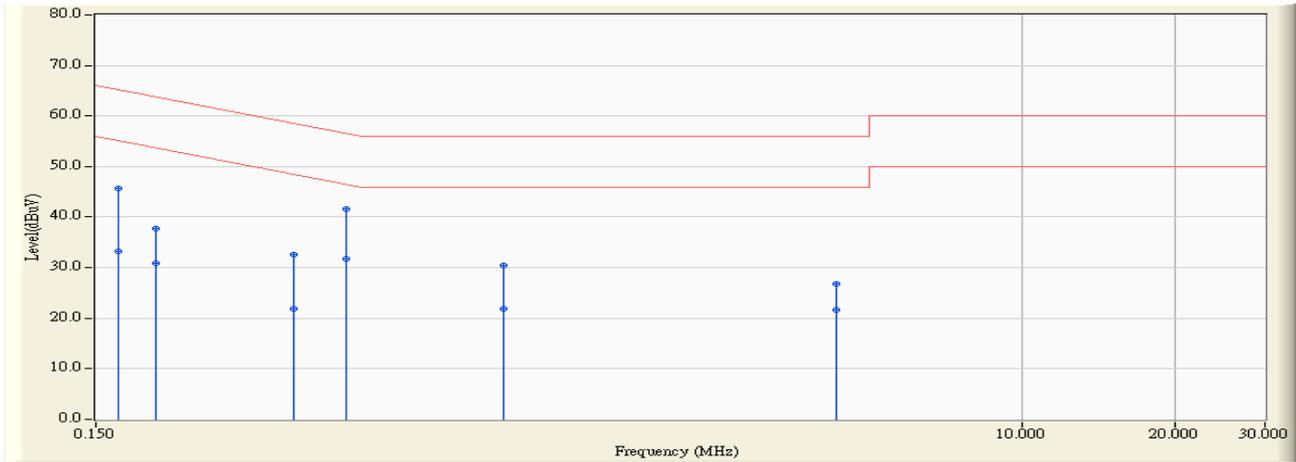


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	9.665	37.960	47.626	-17.551	65.177	QUASPEAK
2	0.166	9.665	25.110	34.776	-20.401	55.177	AVERAGE
3	0.244	9.705	25.120	34.824	-27.143	61.967	QUASPEAK
4	0.244	9.705	11.930	21.634	-30.333	51.967	AVERAGE
5	0.470	9.825	32.700	42.525	-13.983	56.508	QUASPEAK
6	* 0.470	9.825	24.700	34.525	-11.983	46.508	AVERAGE
7	0.642	9.874	21.160	31.034	-24.966	56.000	QUASPEAK
8	0.642	9.874	14.810	24.684	-21.316	46.000	AVERAGE
9	0.935	9.938	19.640	29.578	-26.422	56.000	QUASPEAK
10	0.935	9.938	11.130	21.068	-24.932	46.000	AVERAGE
11	7.423	10.099	18.560	28.659	-31.341	60.000	QUASPEAK
12	7.423	10.099	15.500	25.599	-24.401	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 : SR3	Time : 2015/08/04 - 15:43
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-4_0811 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5 / Mode 6: Tx (ADP-33AW) 802.11n40_2437MHz

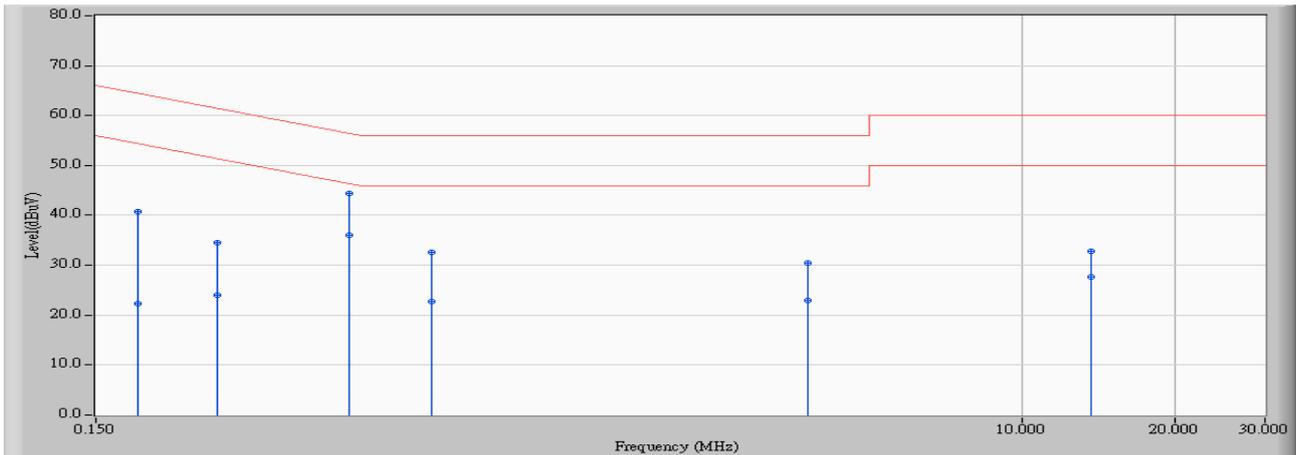


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.166	9.659	36.040	45.699	-19.478	65.177	QUASPEAK
2	0.166	9.659	23.650	33.309	-21.868	55.177	AVERAGE
3	0.197	9.667	28.100	37.767	-25.975	63.741	QUASPEAK
4	0.197	9.667	21.130	30.797	-22.945	53.741	AVERAGE
5	0.369	9.770	22.760	32.530	-25.999	58.529	QUASPEAK
6	0.369	9.770	12.020	21.790	-26.739	48.529	AVERAGE
7	0.466	9.824	31.840	41.664	-14.914	56.578	QUASPEAK
8	* 0.466	9.824	21.950	31.774	-14.804	46.578	AVERAGE
9	0.951	9.939	20.460	30.399	-25.601	56.000	QUASPEAK
10	0.951	9.939	12.020	21.959	-24.041	46.000	AVERAGE
11	4.302	10.065	16.800	26.865	-29.135	56.000	QUASPEAK
12	4.302	10.065	11.520	21.585	-24.415	46.000	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	Time : 2015/05/19 - 15:56
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5 / Mode 6: Tx (ADP-33AW) 802.11ac 5775MHz

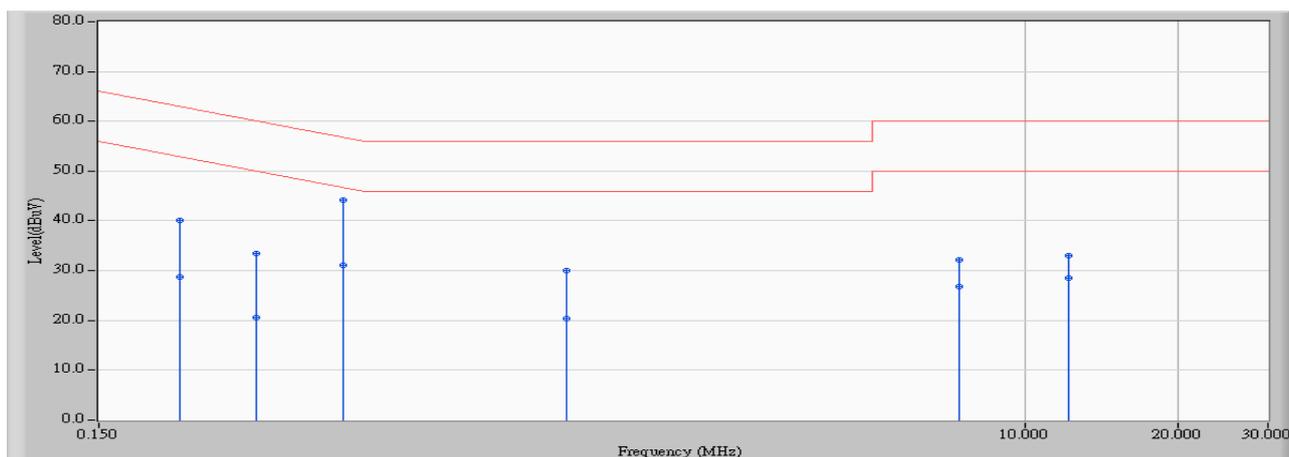


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.181	9.760	31.070	40.830	-23.598	64.428	QUASPEAK
2	0.181	9.760	12.480	22.240	-32.188	54.428	AVERAGE
3	0.259	9.757	24.690	34.447	-27.004	61.451	QUASPEAK
4	0.259	9.757	14.160	23.917	-27.534	51.451	AVERAGE
5	0.474	9.751	34.570	44.321	-12.118	56.440	QUASPEAK
6	* 0.474	9.751	26.330	36.081	-10.358	46.440	AVERAGE
7	0.685	9.774	22.770	32.543	-23.457	56.000	QUASPEAK
8	0.685	9.774	12.950	22.723	-23.277	46.000	AVERAGE
9	3.767	9.906	20.510	30.415	-25.585	56.000	QUASPEAK
10	3.767	9.906	12.970	22.875	-23.125	46.000	AVERAGE
11	13.630	10.162	22.650	32.812	-27.188	60.000	QUASPEAK
12	13.630	10.162	17.580	27.742	-22.258	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	Time : 2015/05/19 - 15:57
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5 / Mode 6: Tx (ADP-33AW) 802.11ac 5775MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	0.216	9.811	30.290	40.101	-22.855	62.956	QUASPEAK
2	0.216	9.811	18.920	28.731	-24.225	52.956	AVERAGE
3	0.306	9.815	23.540	33.355	-26.716	60.072	QUASPEAK
4	0.306	9.815	10.810	20.625	-29.446	50.072	AVERAGE
5	* 0.455	9.820	34.410	44.230	-12.559	56.789	QUASPEAK
6	0.455	9.820	21.230	31.050	-15.739	46.789	AVERAGE
7	1.252	9.873	20.190	30.063	-25.937	56.000	QUASPEAK
8	1.252	9.873	10.600	20.473	-25.527	46.000	AVERAGE
9	7.380	10.112	22.120	32.232	-27.768	60.000	QUASPEAK
10	7.380	10.112	16.790	26.902	-23.098	50.000	AVERAGE
11	12.123	10.247	22.740	32.987	-27.013	60.000	QUASPEAK
12	12.123	10.247	18.310	28.557	-21.443	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. Peak Power Output

3.1. Test Equipment

The following test equipments are used during the test:

Peak Power Output / SR7 (For 2.4G)

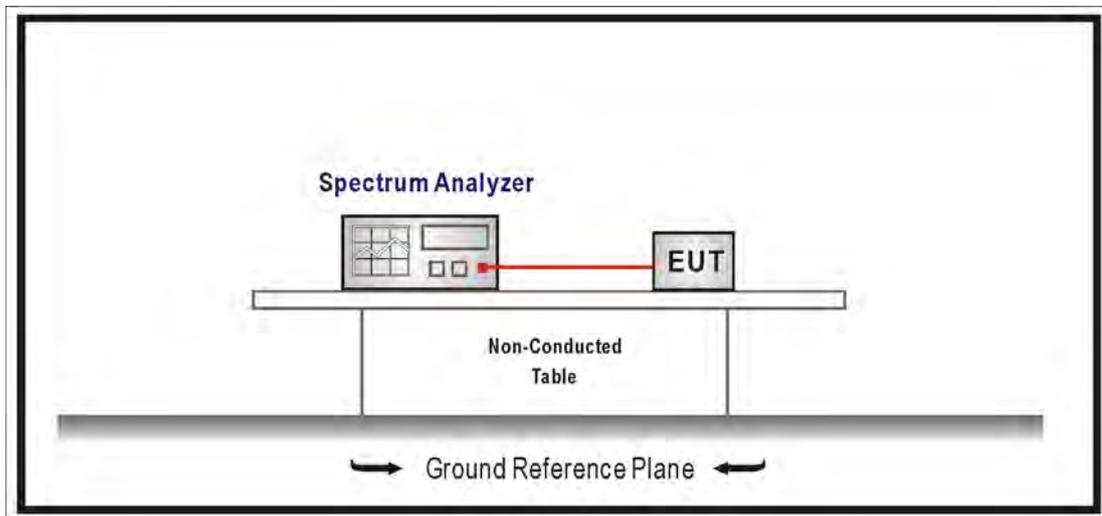
Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2016/07/13

Peak Power Output / SR7 (For 5G)

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

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

3.2. Test Setup



3.3. Test procedures

The EUT was tested according to DTS test procedure section 9.1.2 of KDB558074 v03r02 measurement to FCC 47CFR 15.247 requirements.

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

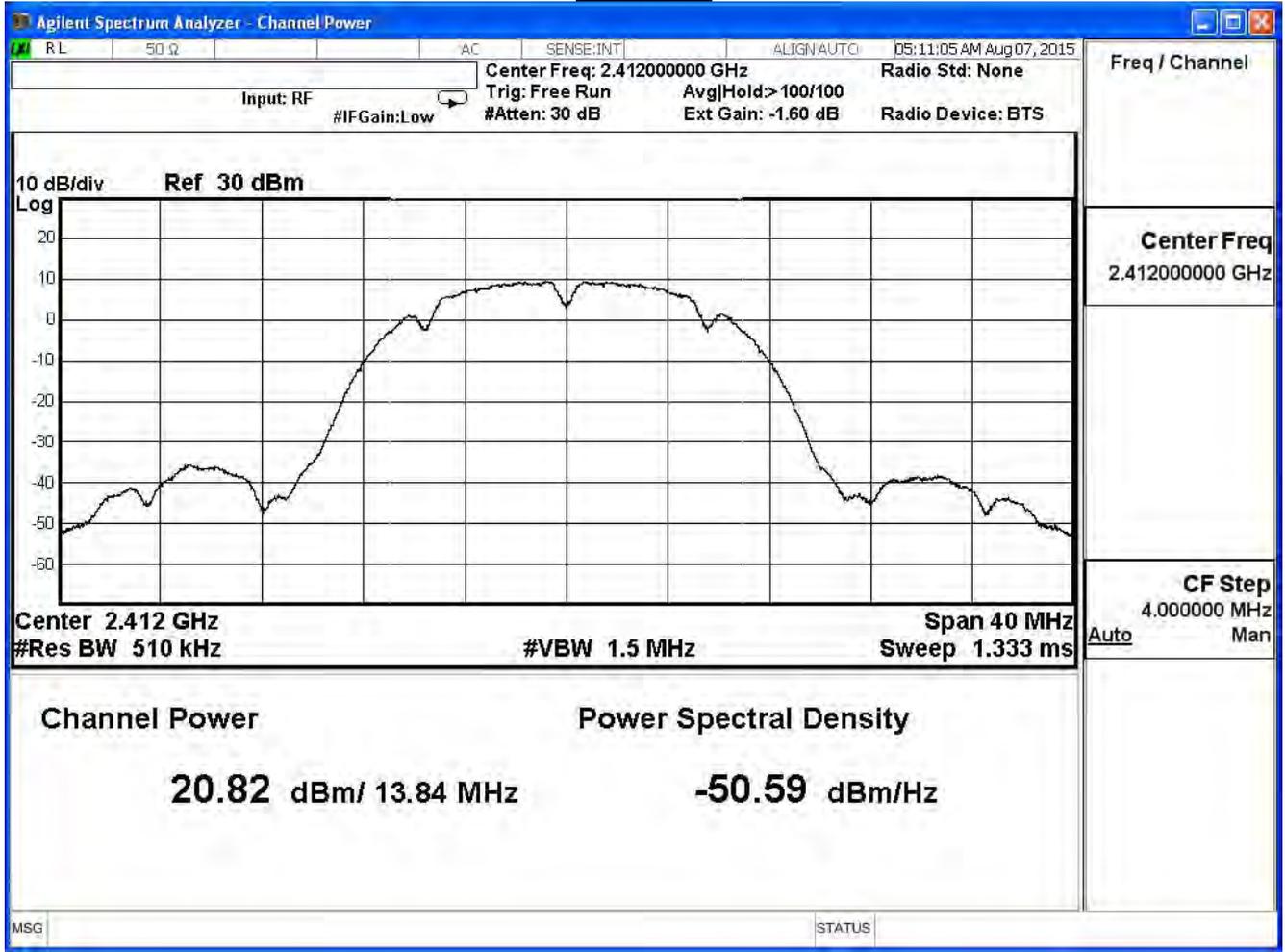
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	20.82	≤ 30	Pass
2	2417	24.37	≤ 30	Pass
6	2437	24.69	≤ 30	Pass
10	2457	24.98	≤ 30	Pass
11	2462	21.06	≤ 30	Pass

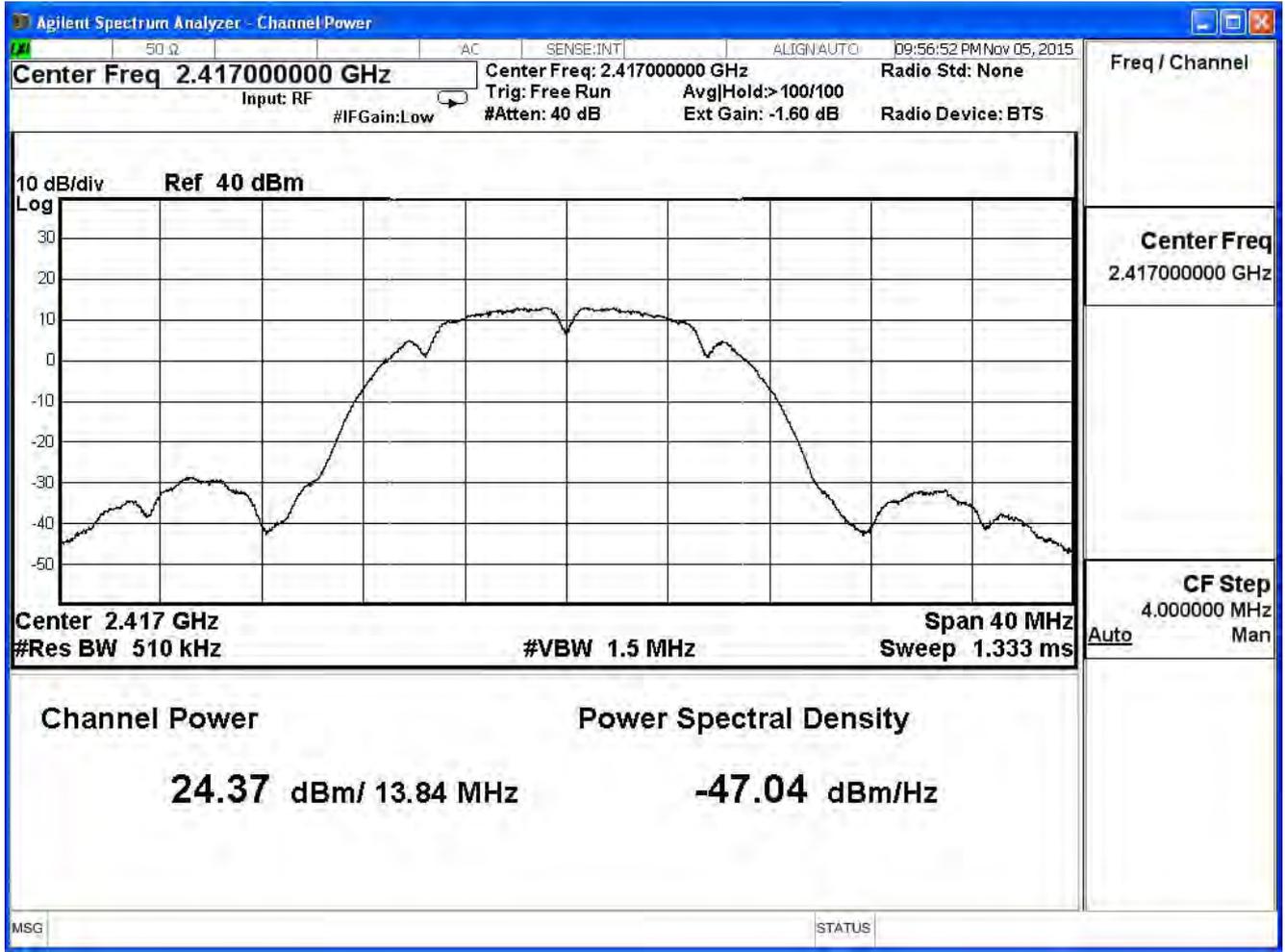
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	20.82	--	--	--	≤ 30
2	2417	24.37	--	--	--	≤ 30
6	2437	24.69	24.60	24.54	24.45	≤ 30
10	2457	24.98	--	--	--	≤ 30
11	2462	21.06	--	--	--	≤ 30

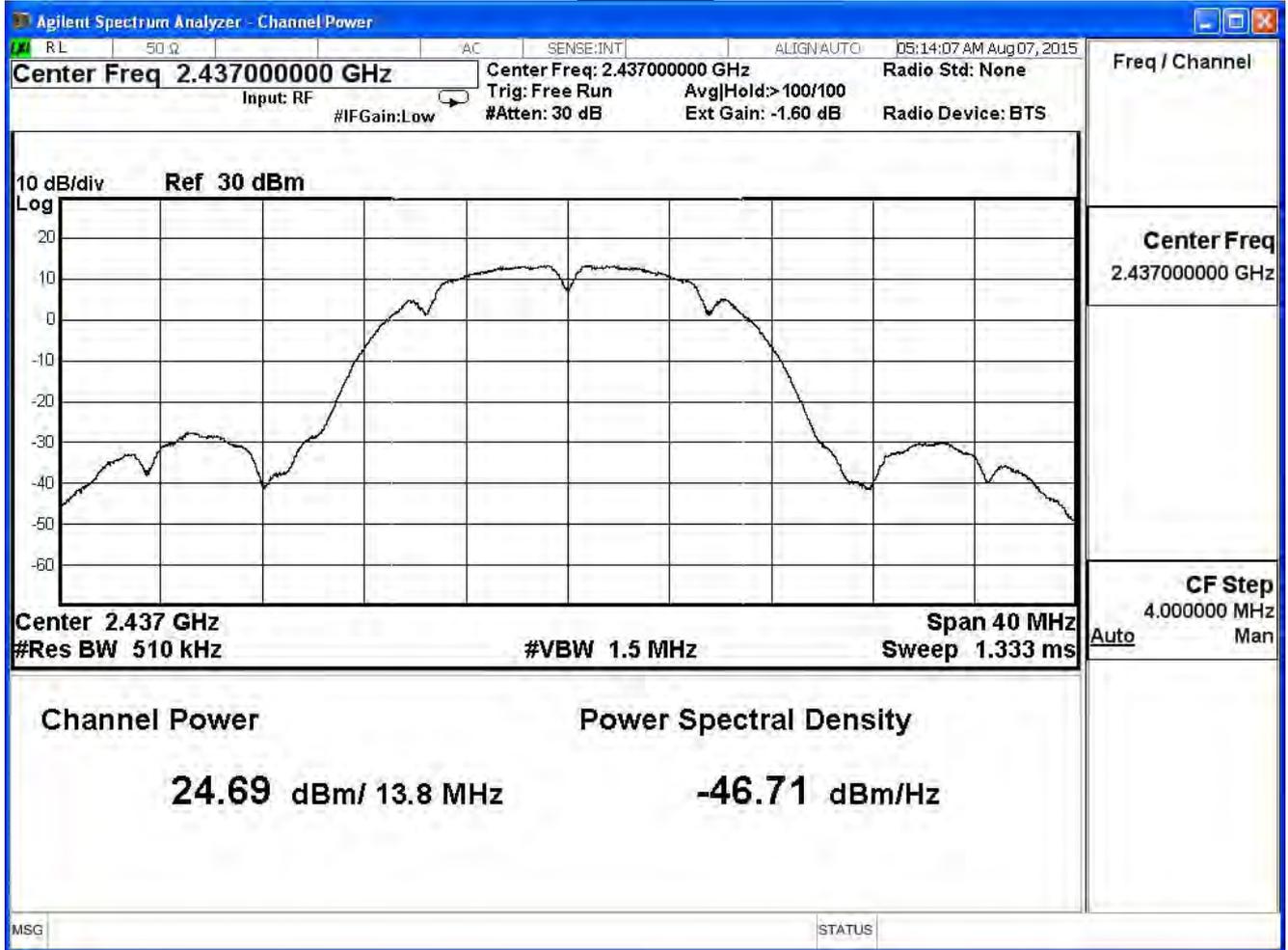
Channel 1



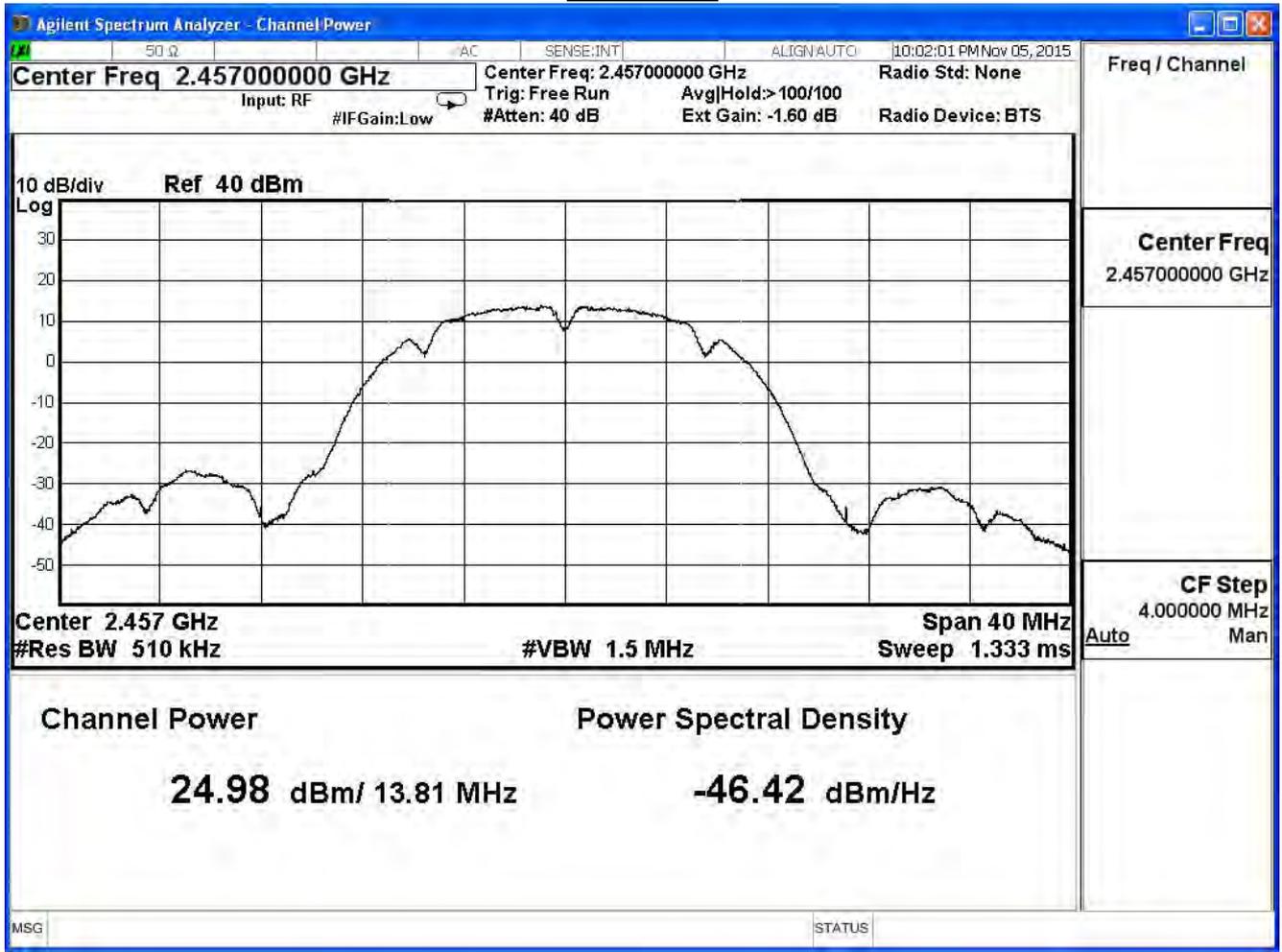
Channel 2



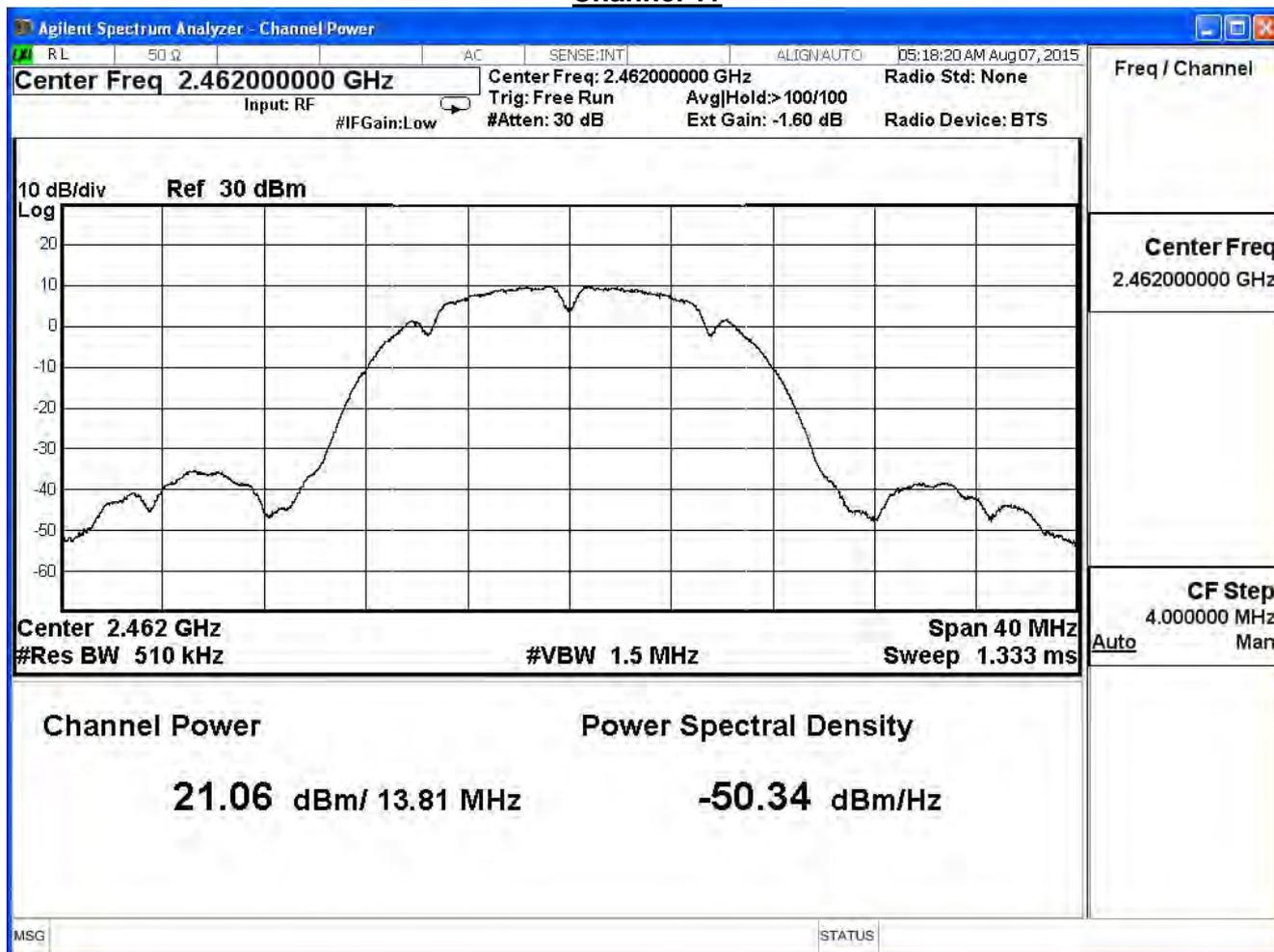
Channel 6



Channel 10



Channel 11



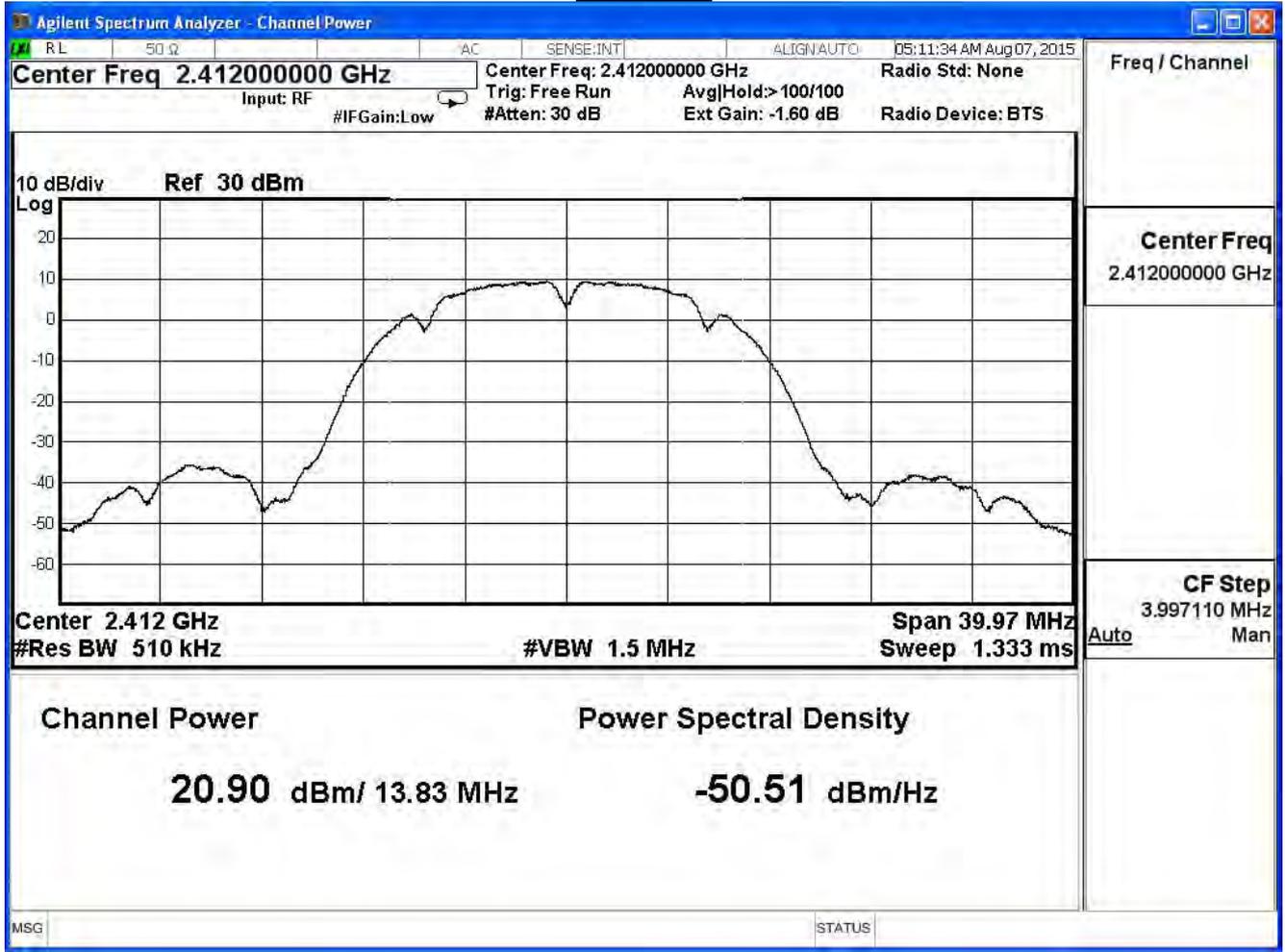
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11b (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.90	≤ 30
2	2417	24.27	≤ 30
6	2437	24.67	≤ 30
10	2457	24.95	≤ 30
11	2462	21.03	≤ 30

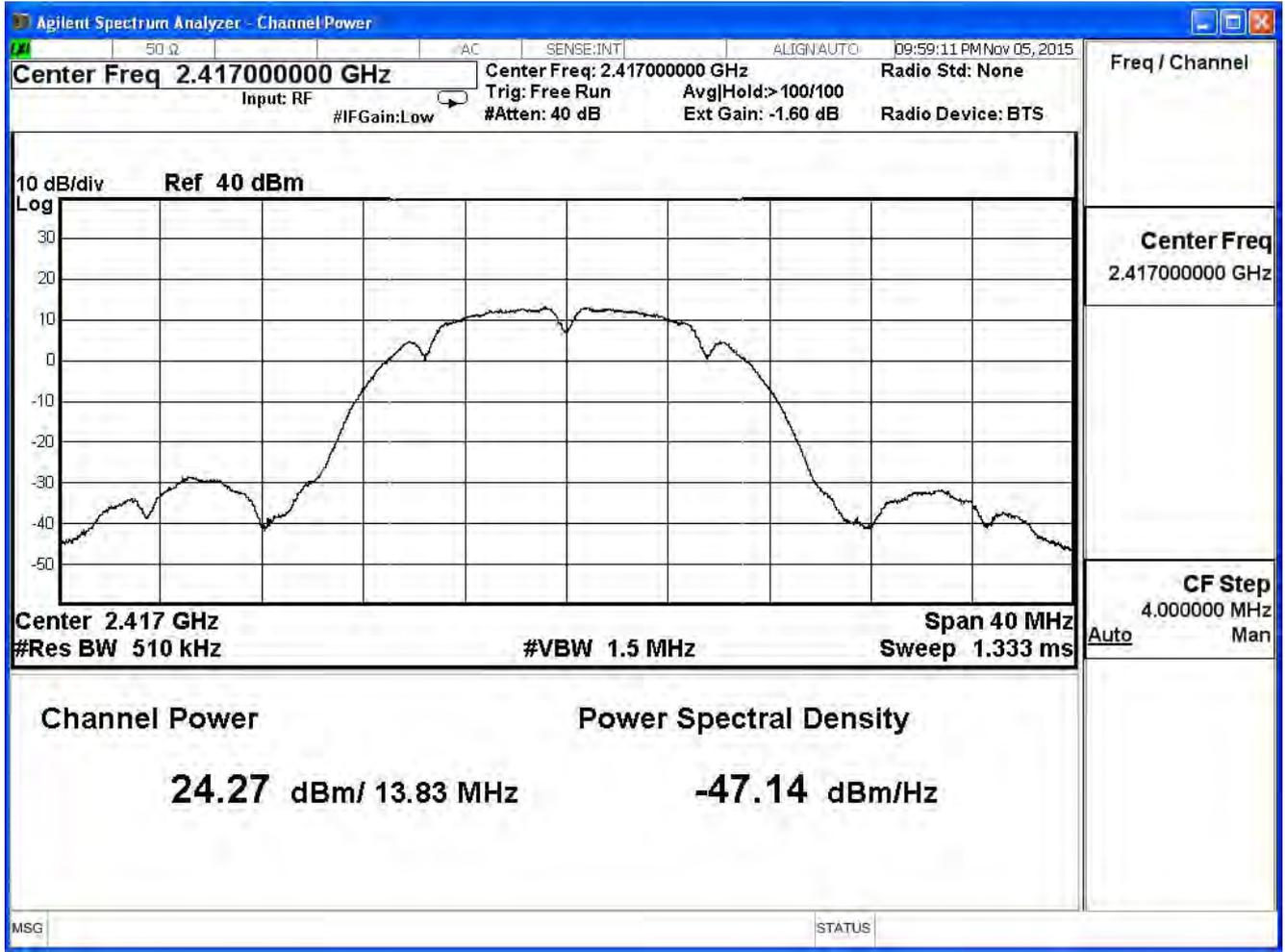
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	20.90	--	--	--	≤ 30
2	2417	24.27	--	--	--	≤ 30
6	2437	24.67	24.47	24.41	24.38	≤ 30
10	2457	24.95	--	--	---	≤ 30
11	2462	21.03	--	--	--	≤ 30

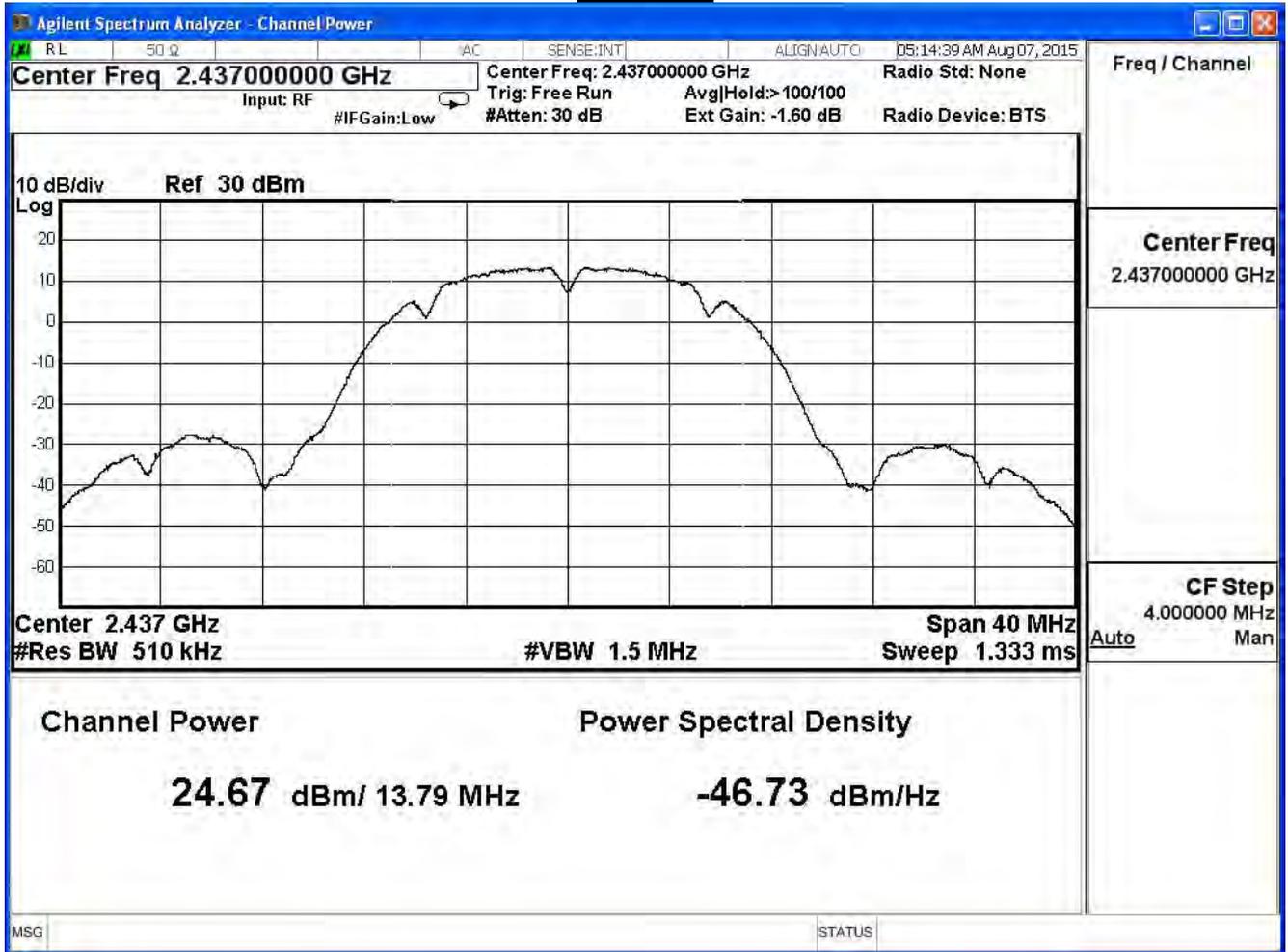
Channel 1



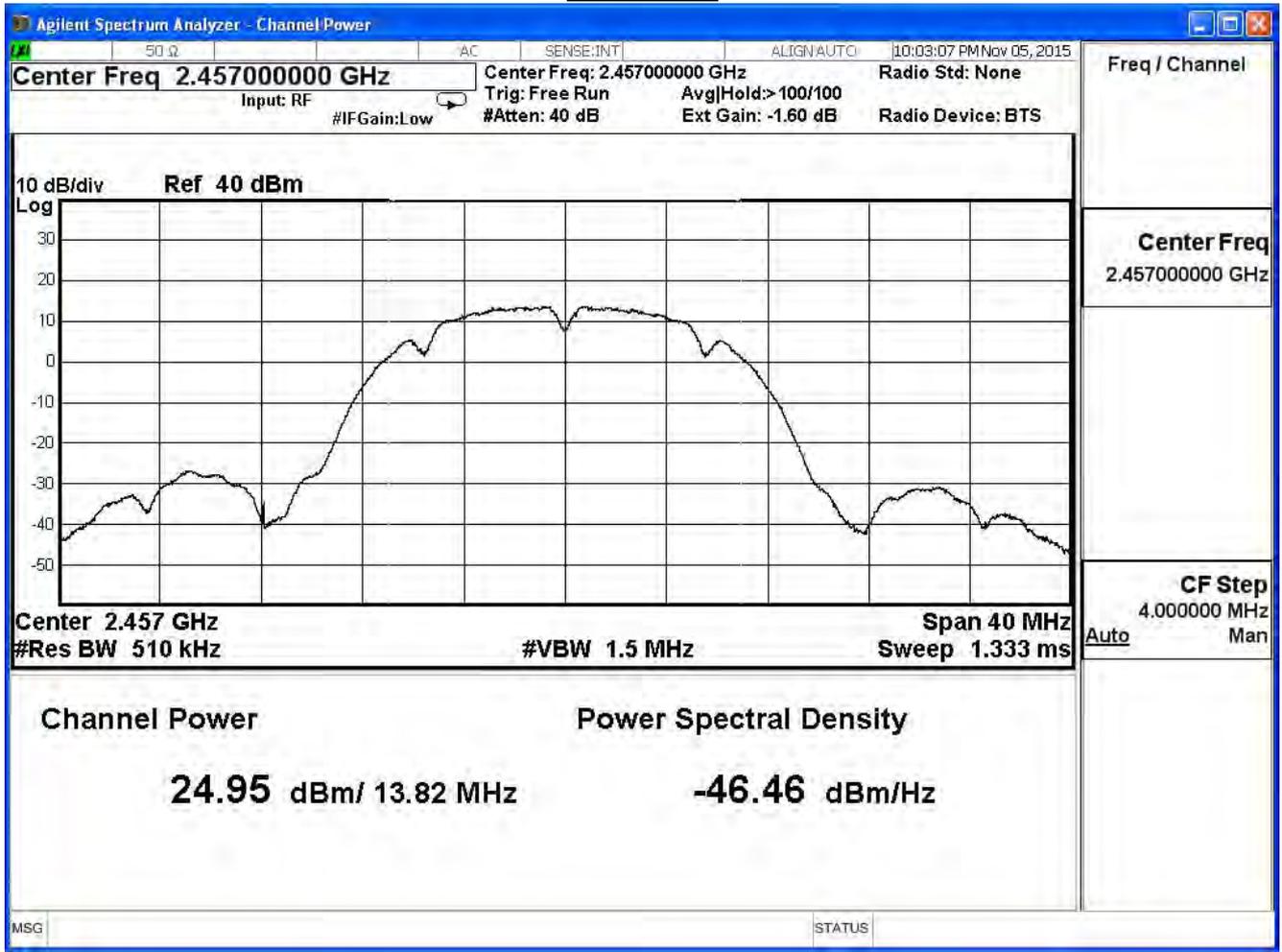
Channel 2



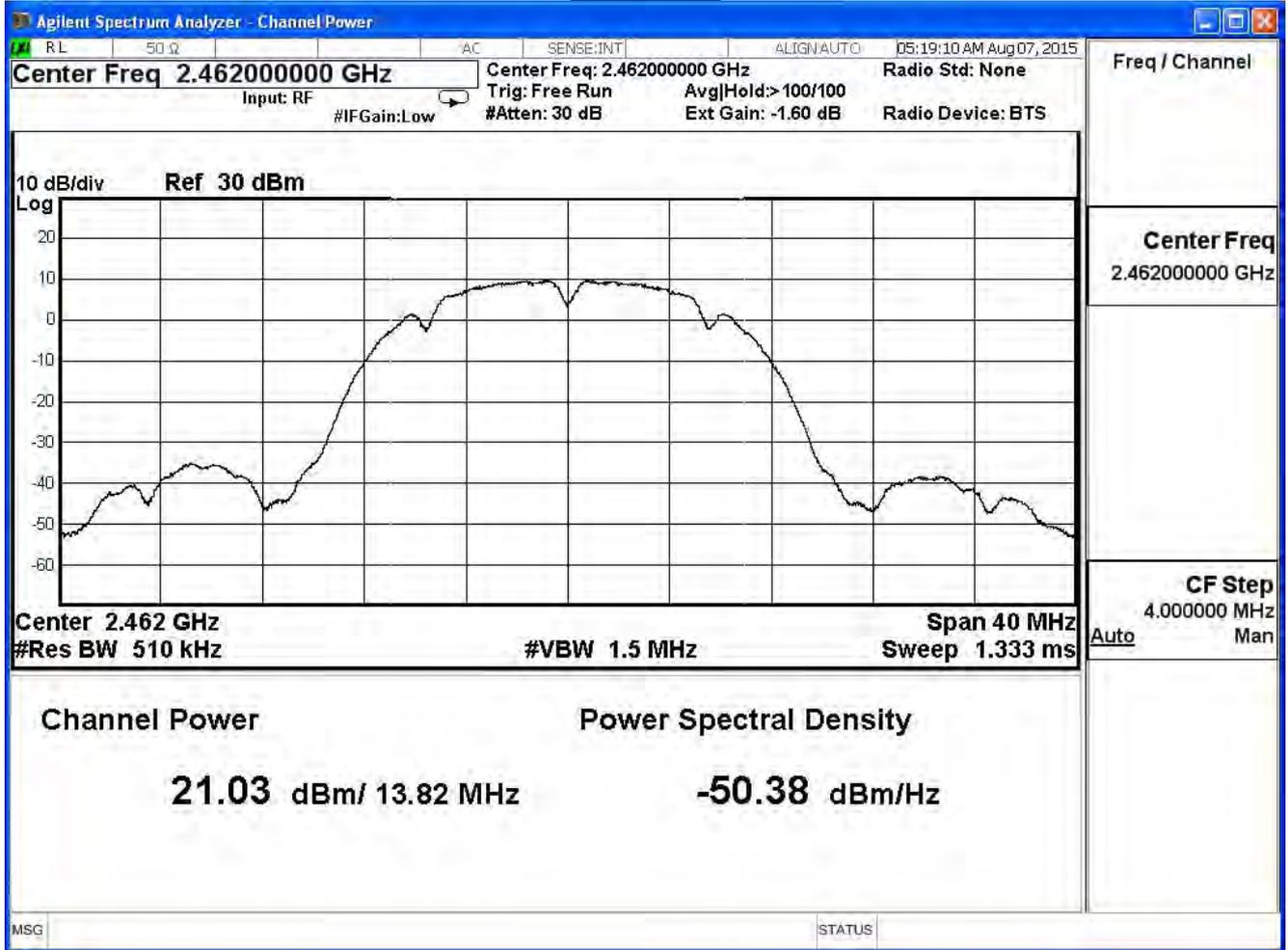
Channel 6



Channel 10



Channel 11



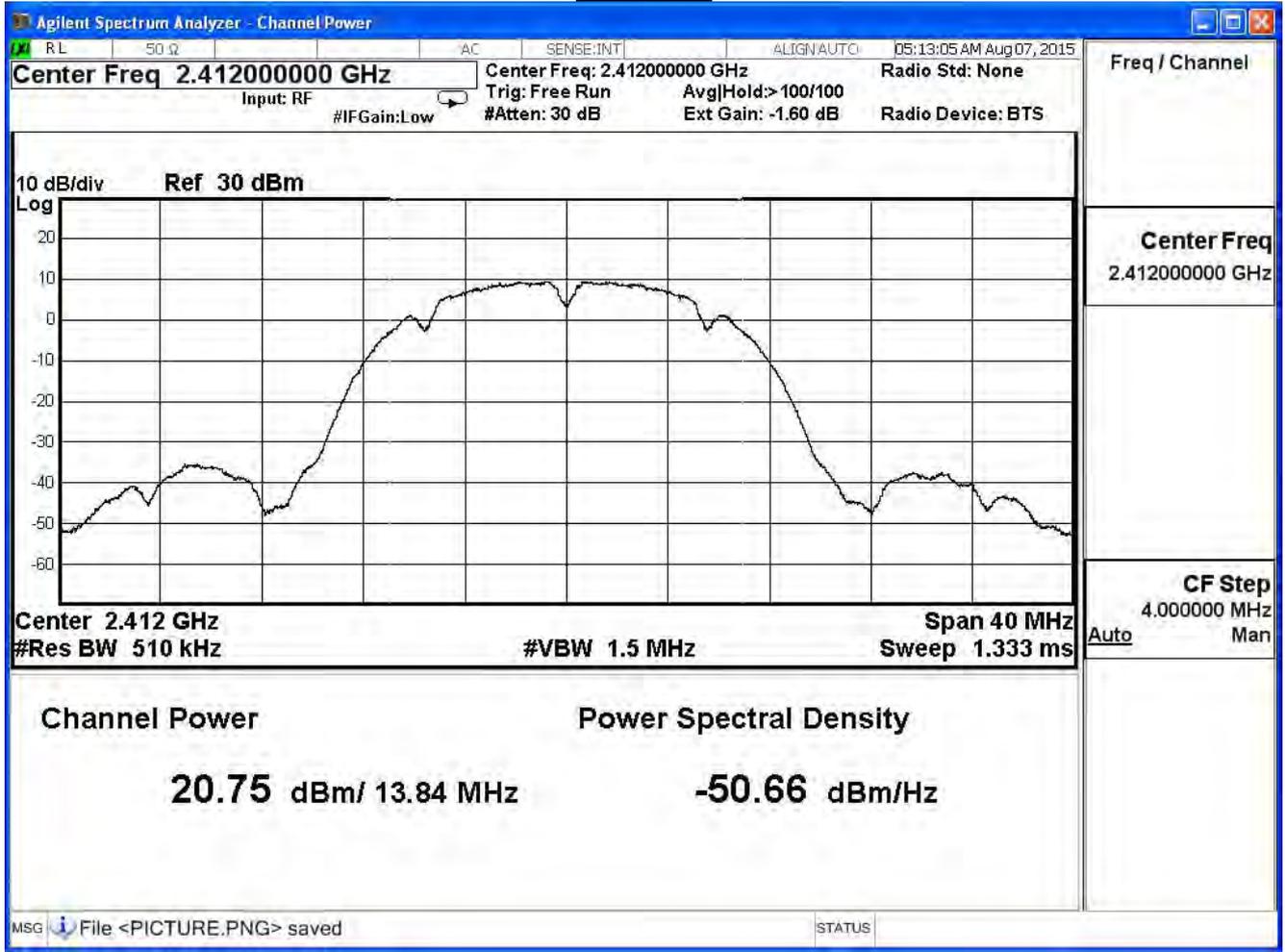
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11b (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.75	≤ 30
2	2417	24.07	≤ 30
6	2437	24.66	≤ 30
10	2457	24.53	≤ 30
11	2462	20.56	≤ 30

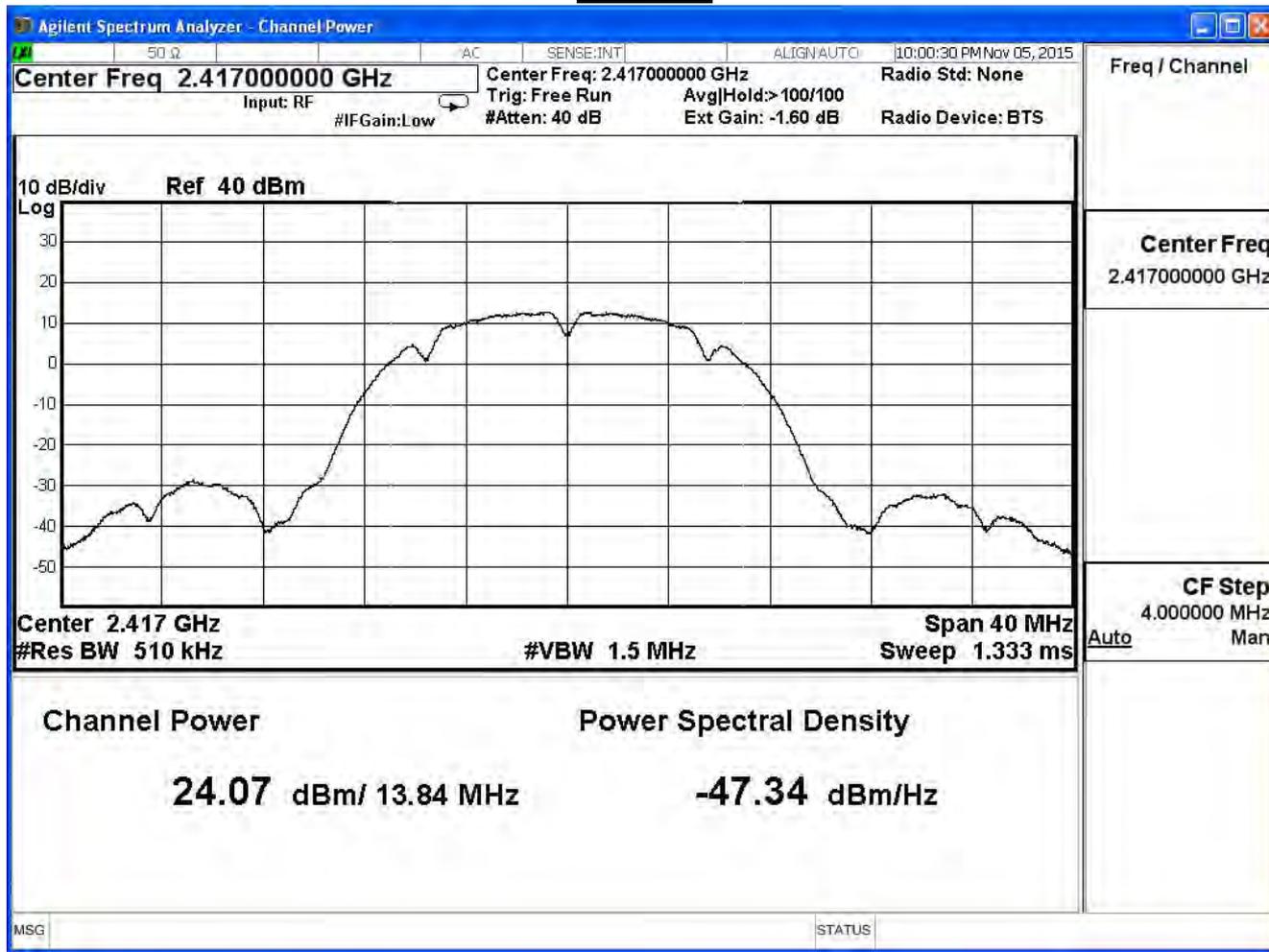
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	20.75	--	--	--	≤ 30
2	2417	24.07	--	--	--	≤ 30
6	2437	24.66	24.55	24.45	24.39	≤ 30
10	2457	24.53	--	--	--	≤ 30
11	2462	20.56	--	--	--	≤ 30

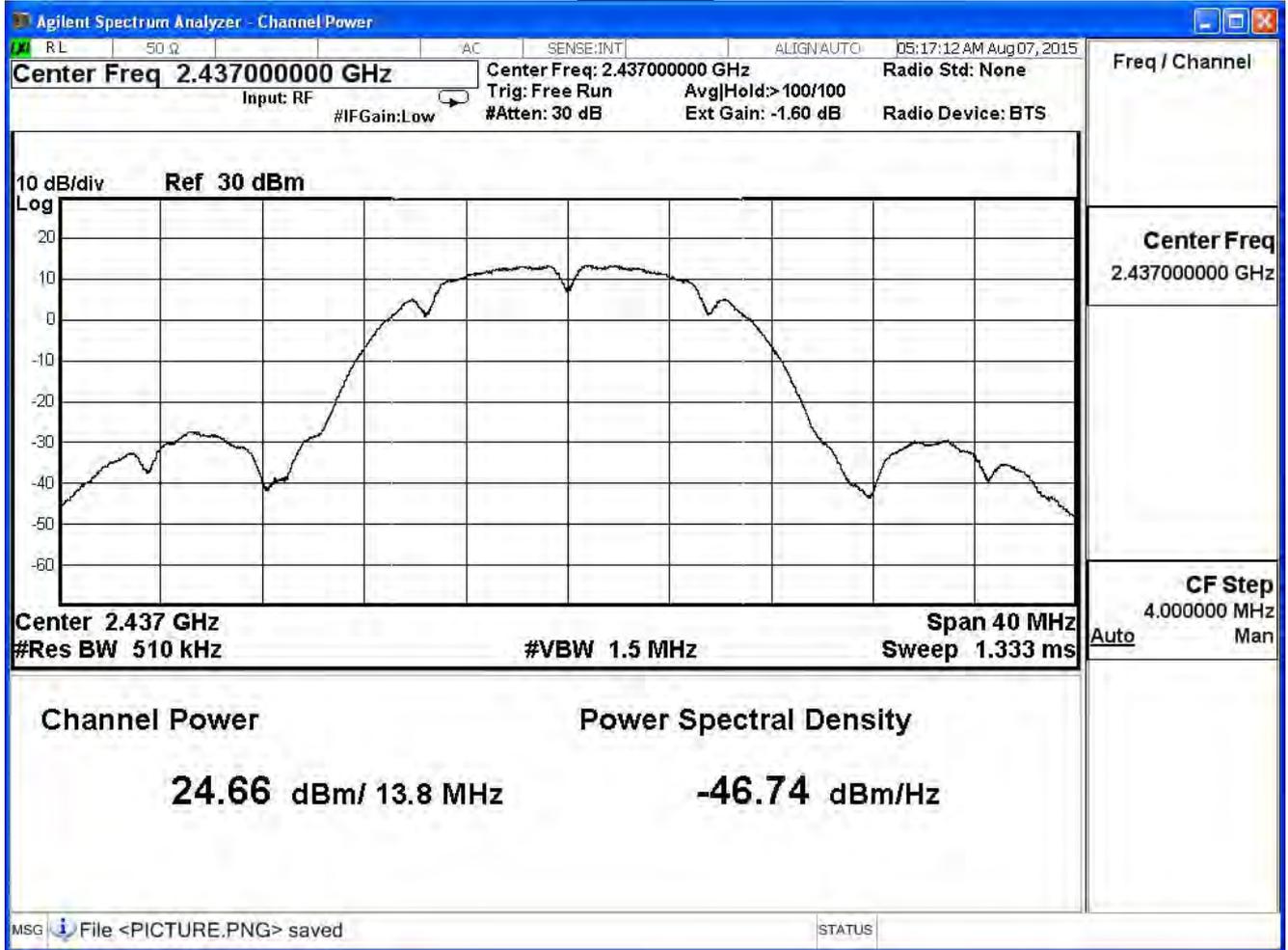
Channel 1



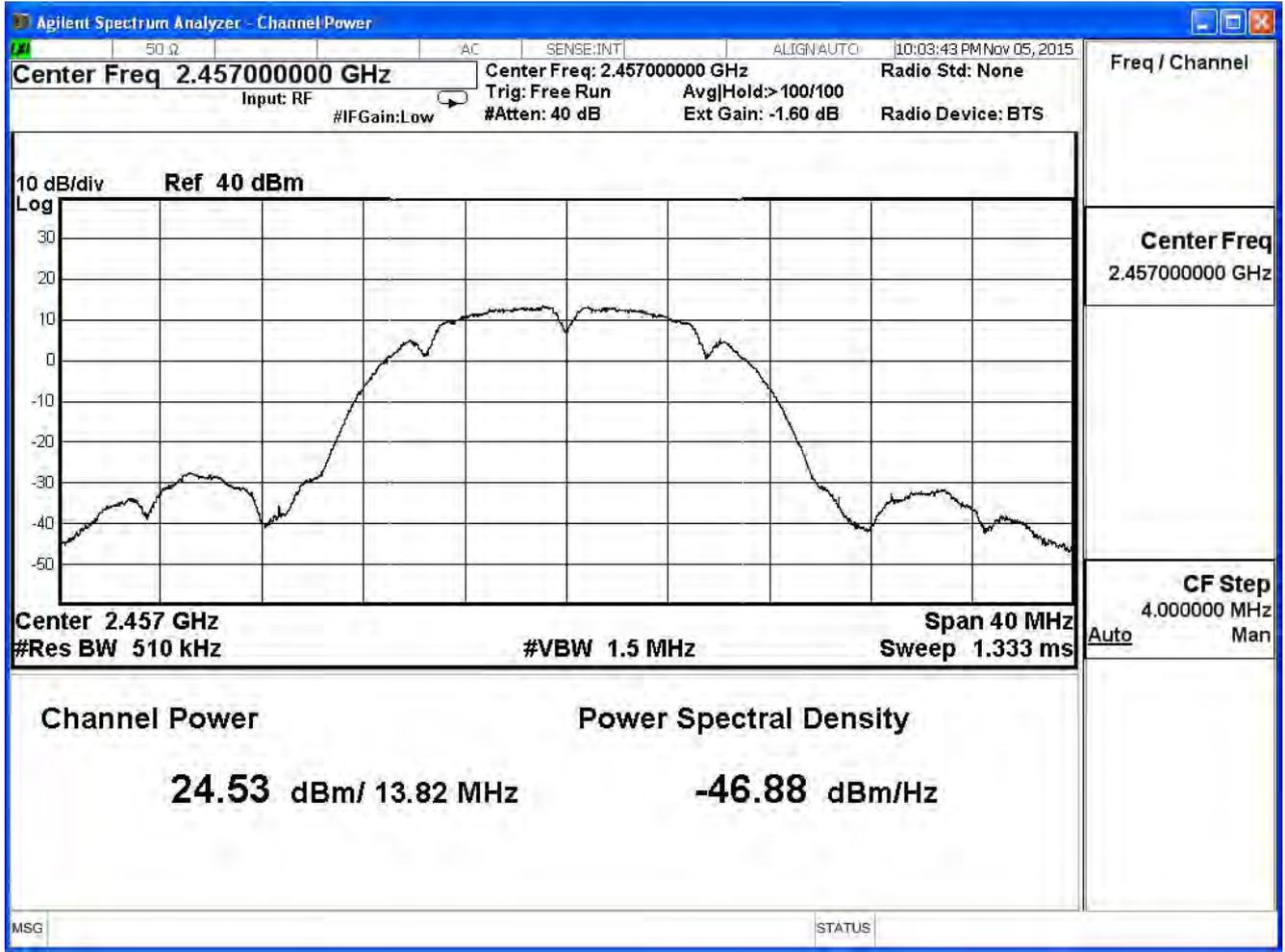
Channel 2



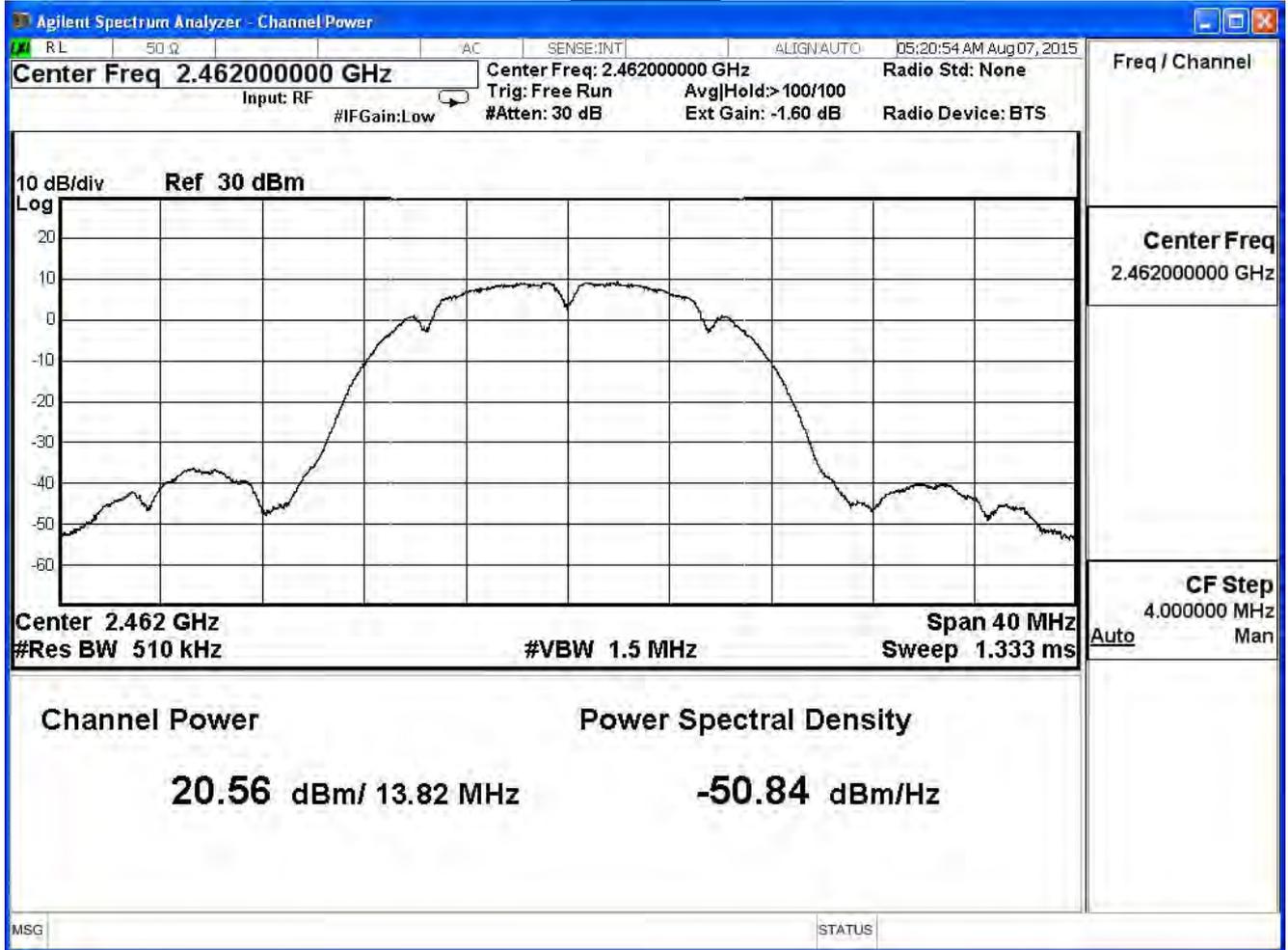
Channel 6



Channel 10



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11b (ANT 0+1+2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	25.59	≤ 30
2	2417	29.01	≤ 30
6	2437	29.44	≤ 30
10	2457	29.60	≤ 30
11	2462	25.66	≤ 30

The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	25.59	--	--	--	≤ 30
2	2417	29.01	--	--	--	≤ 30
6	2437	29.44	29.31	29.24	29.18	≤ 30
10	2457	29.60	--	--	--	≤ 30
11	2462	25.66	--	--	--	≤ 30

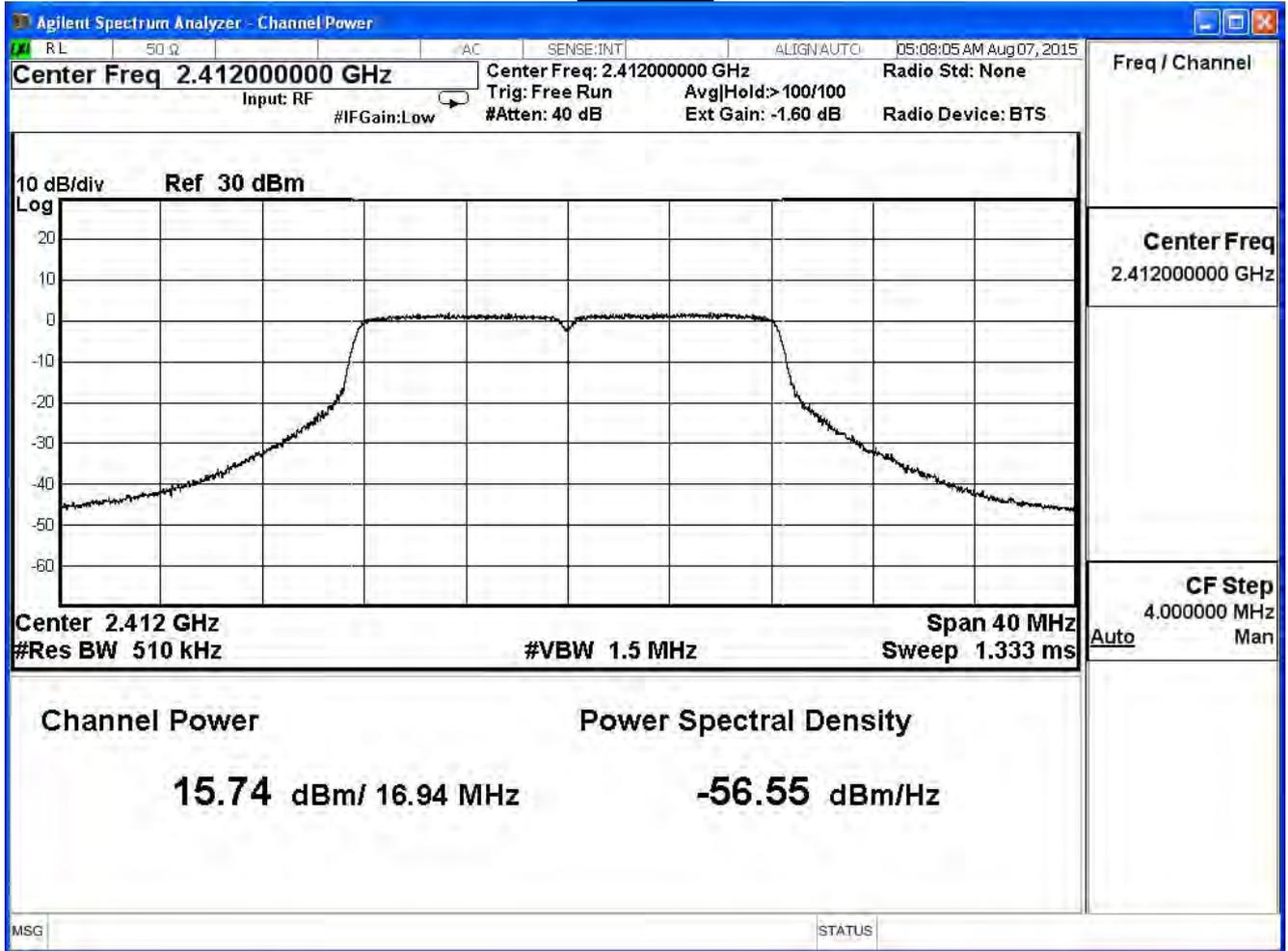
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.74	≤ 30
2	2417	20.35	≤ 30
6	2437	24.63	≤ 30
10	2457	22.56	≤ 30
11	2462	18.49	≤ 30

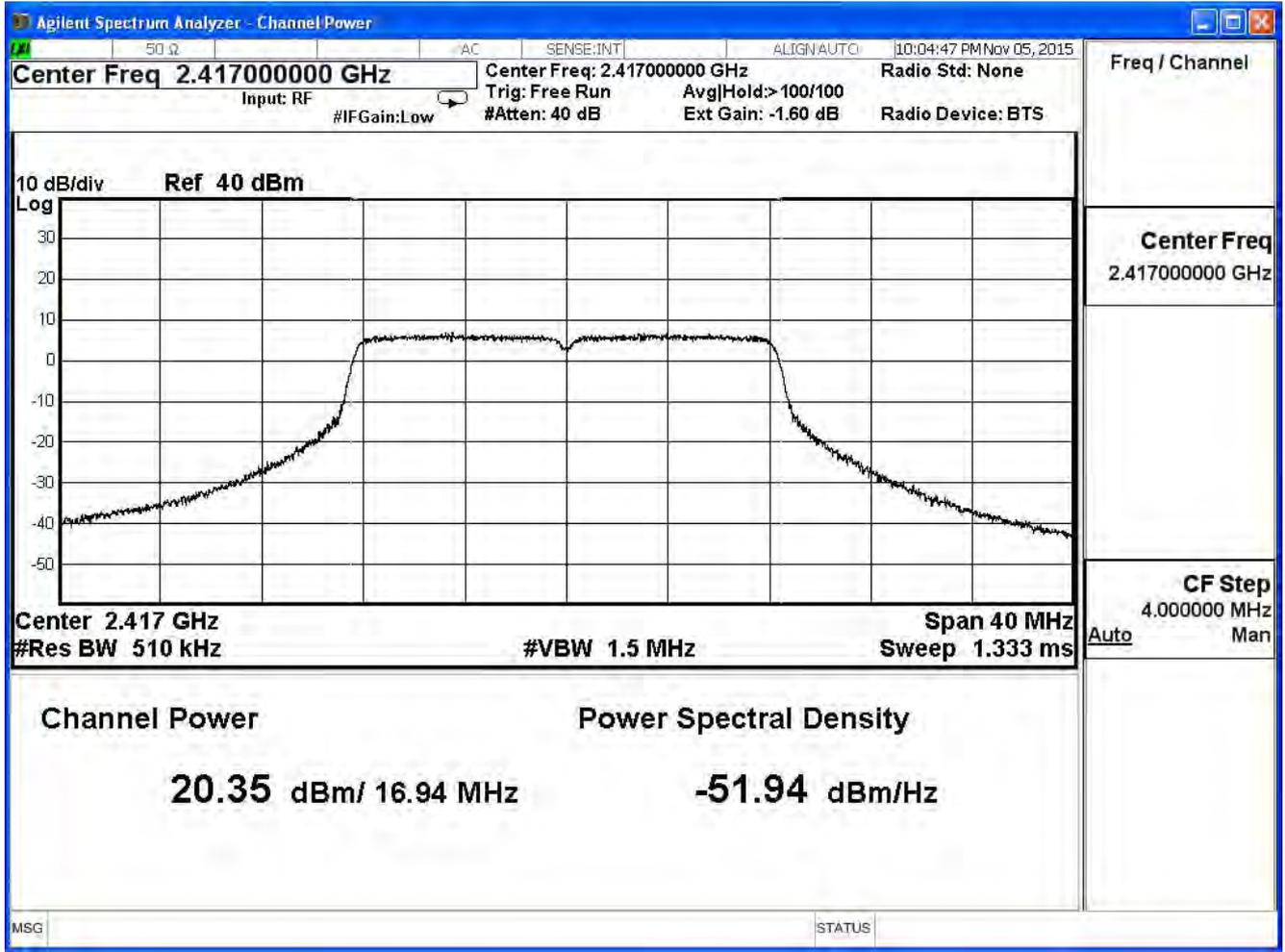
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	15.74	--	--	--	--	--	--	≤ 30
2	2417	20.35	--	--	--	--	--	--	≤ 30
6	2437	24.63	24.39	24.19	23.97	23.71	23.59	23.35	≤ 30
10	2457	22.56	--	--	--	--	--	--	≤ 30
11	2462	18.49	--	--	--	--	--	--	≤ 30

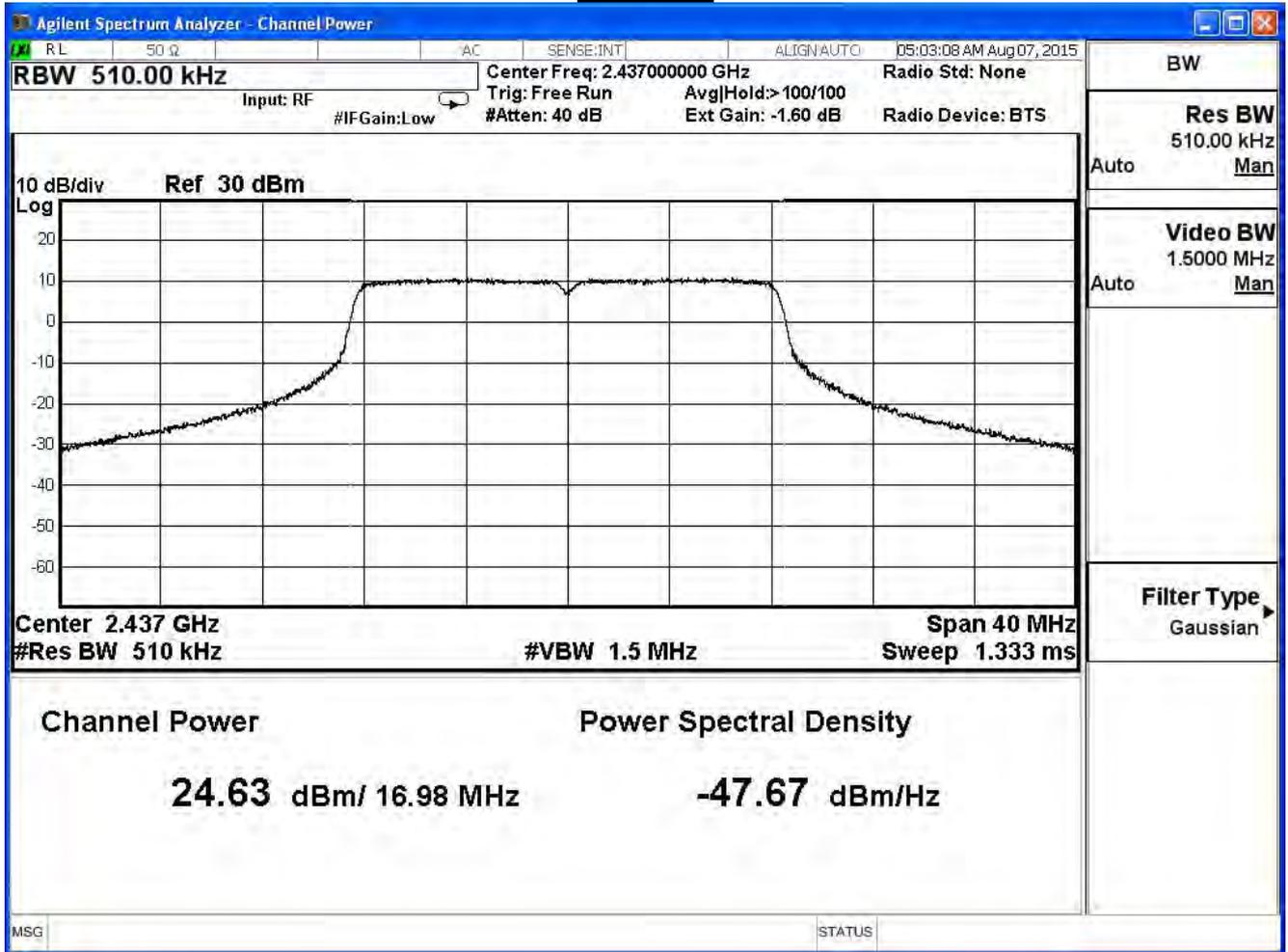
Channel 1



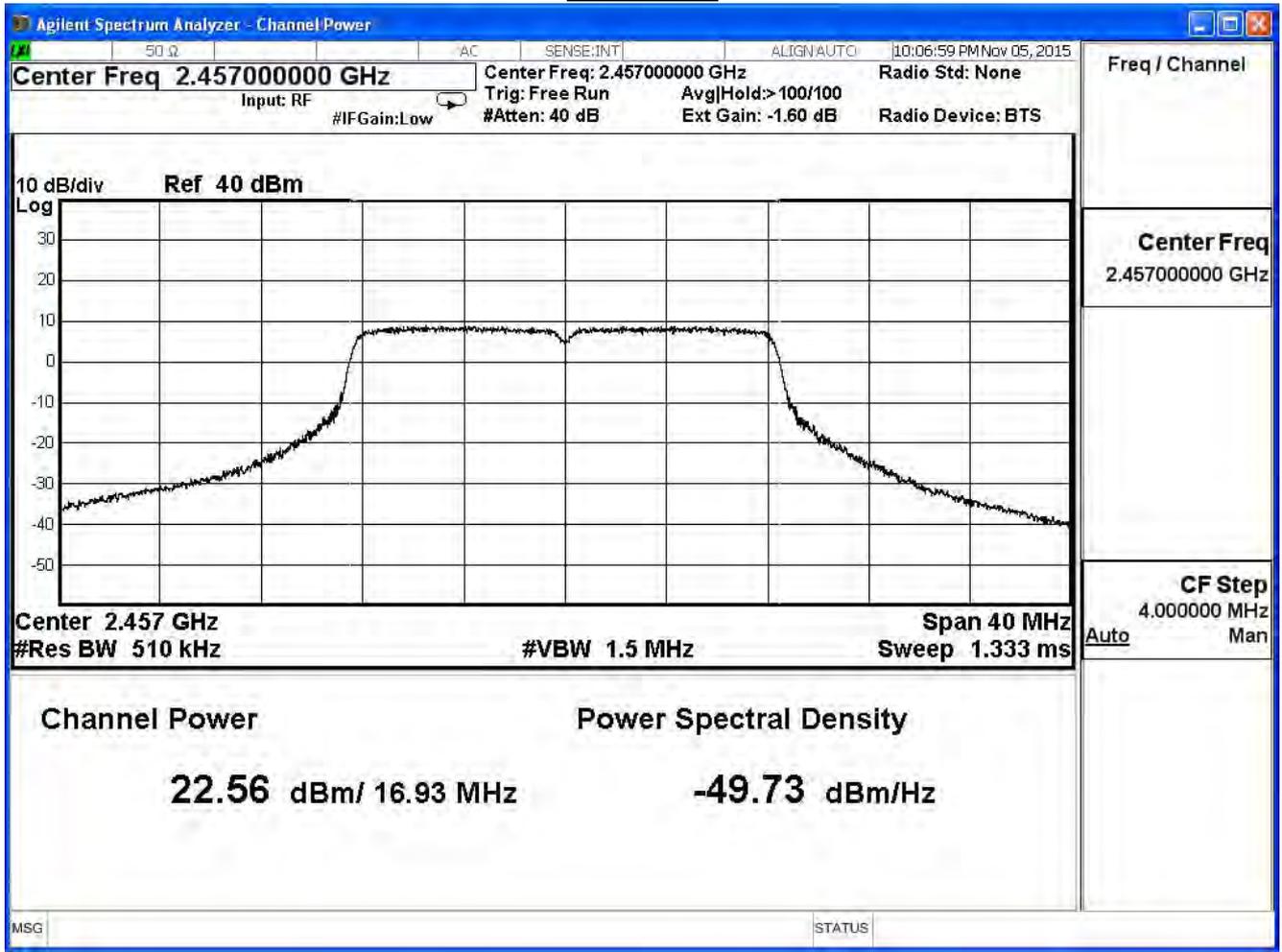
Channel 2



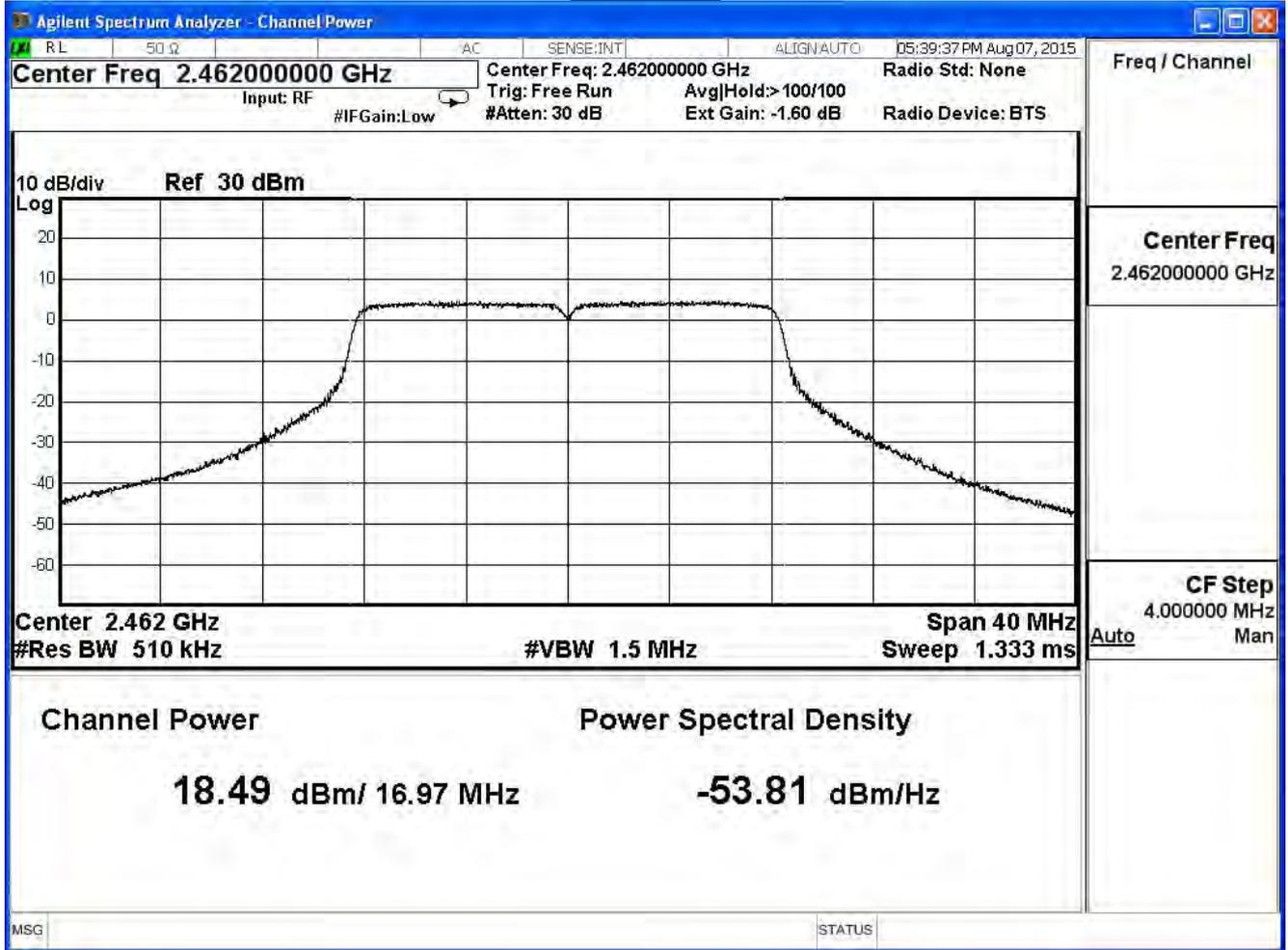
Channel 6



Channel 10



Channel 11



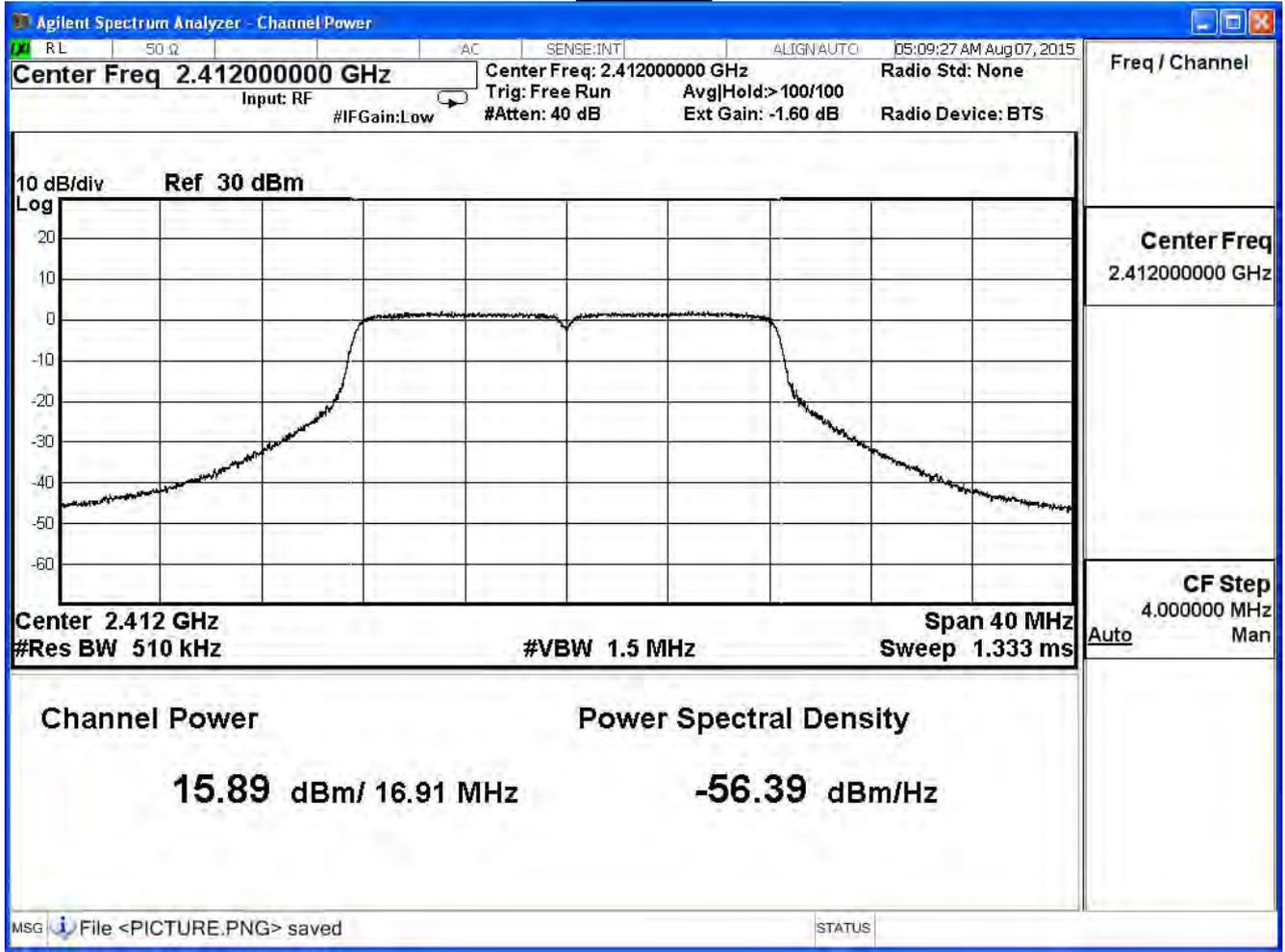
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11g (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.89	≤ 30
2	2417	20.34	≤ 30
6	2437	24.58	≤ 30
10	2457	22.63	≤ 30
11	2462	17.93	≤ 30

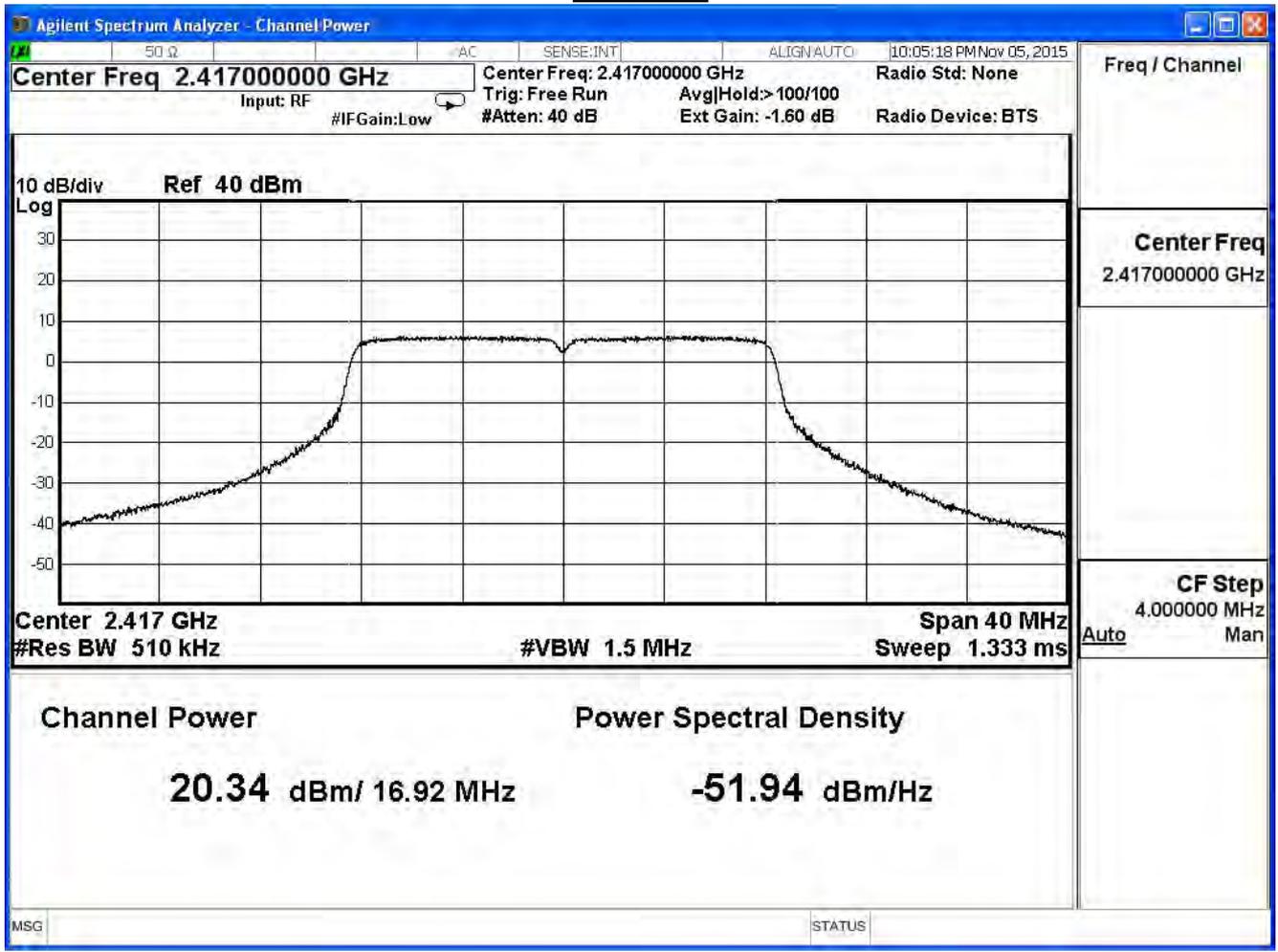
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	15.89	--	--	--	--	--	--	≤ 30
2	2417	20.34	--	--	--	--	--	--	≤ 30
6	2437	24.58	24.38	24.26	24.06	23.94	23.82	23.58	≤ 30
10	2457	22.63	--	--	--	--	--	--	≤ 30
11	2462	17.93	--	--	--	--	--	--	≤ 30

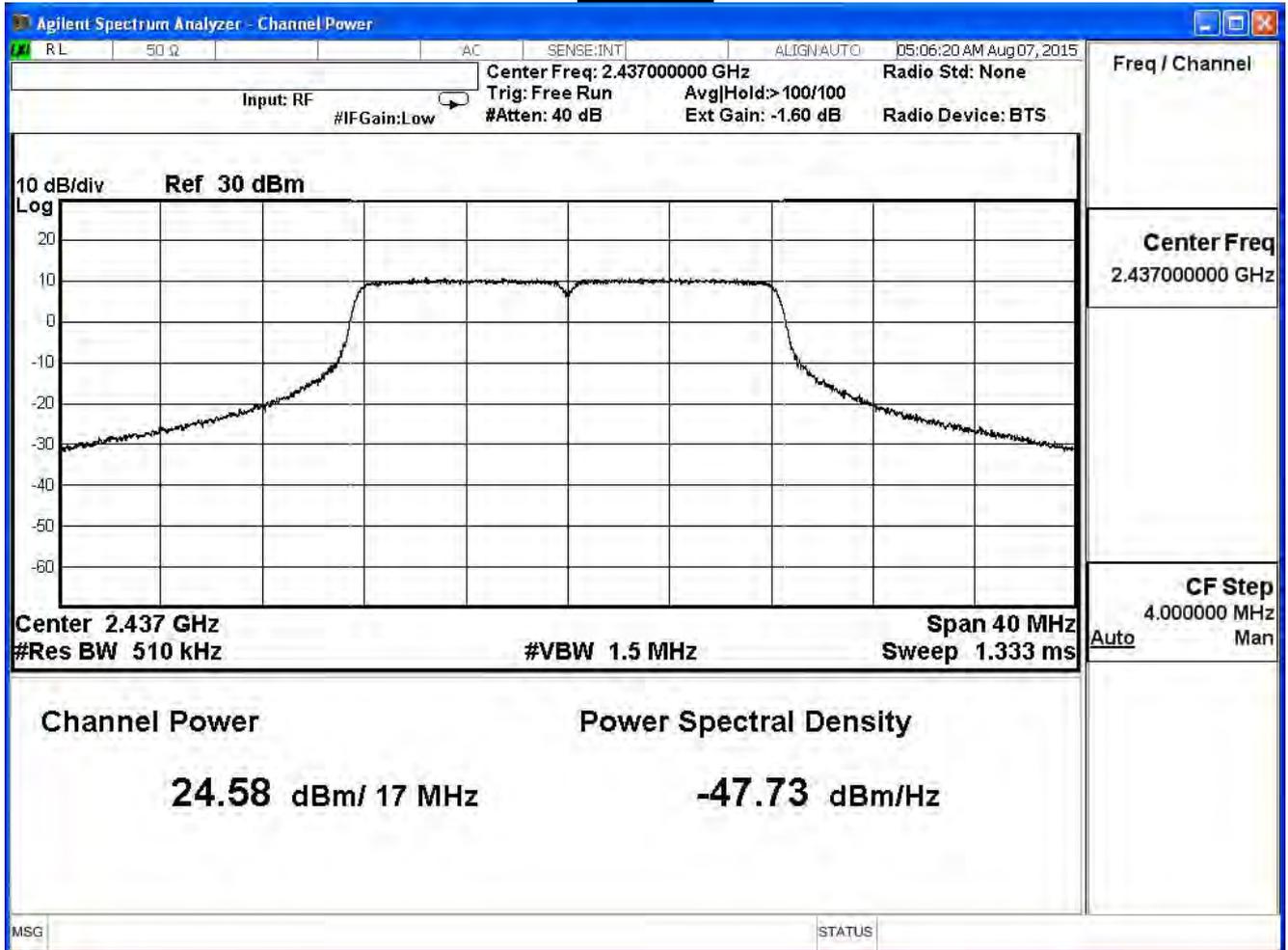
Channel 1



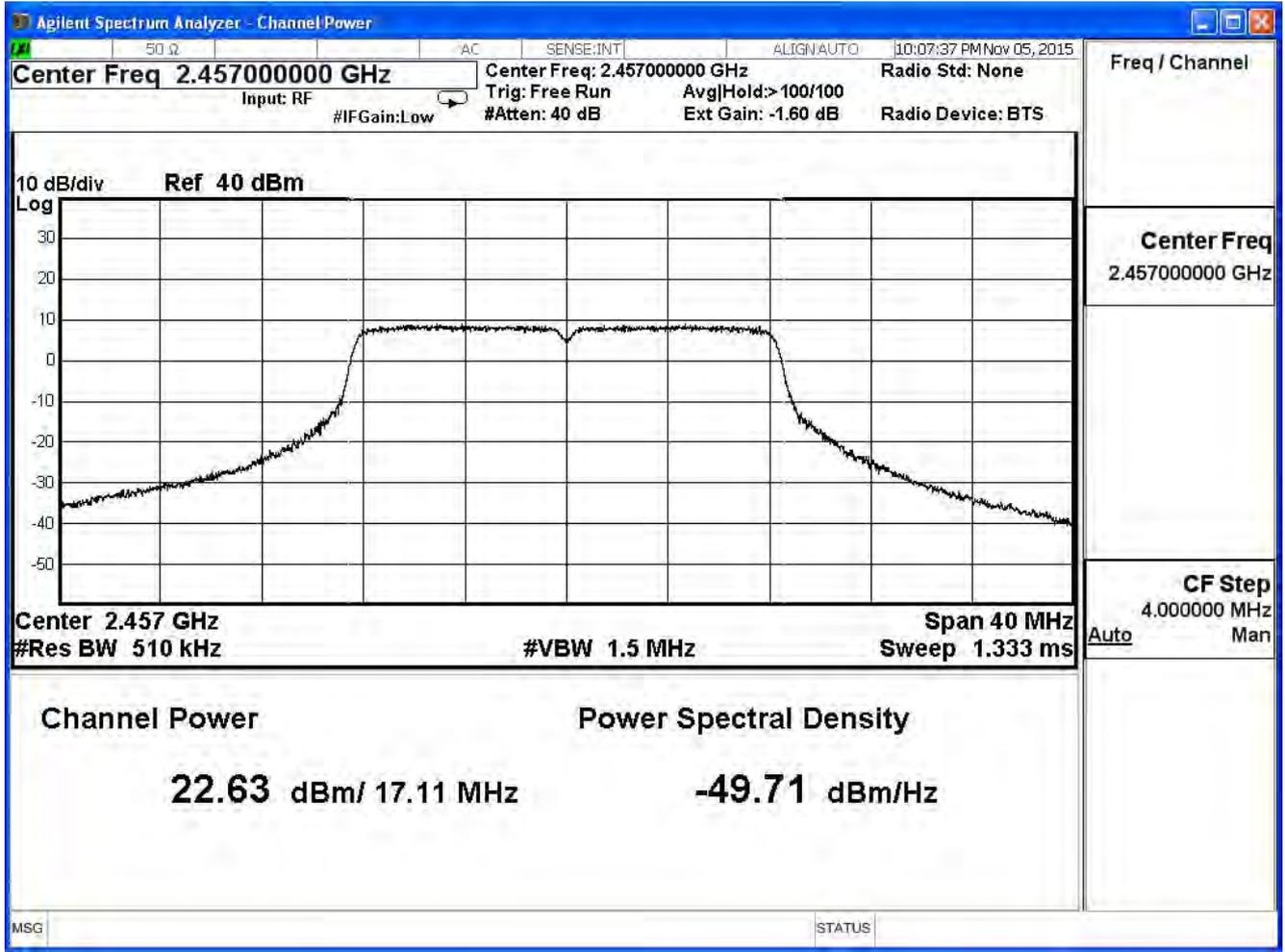
Channel 2



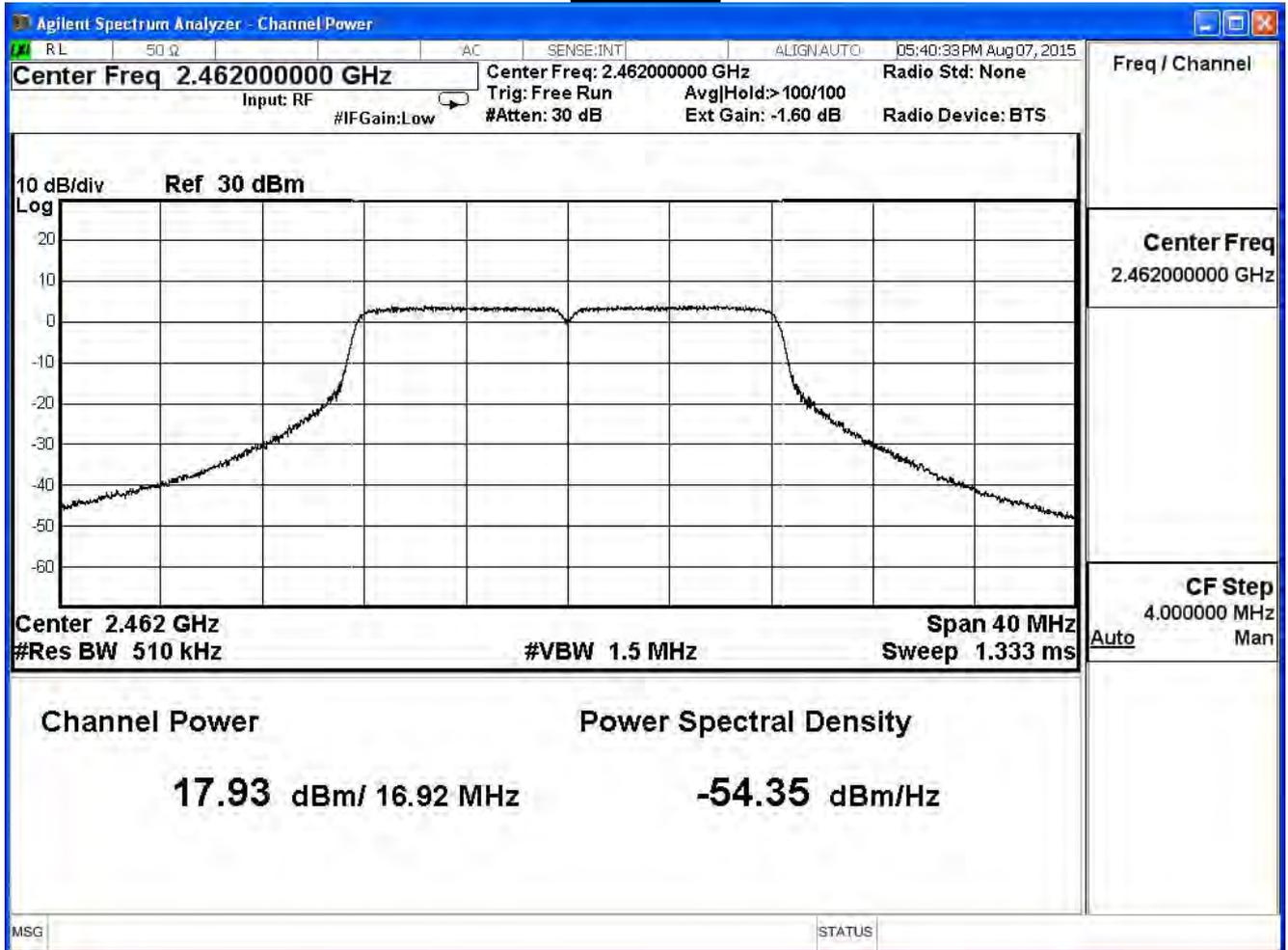
Channel 6



Channel 10



Channel 11



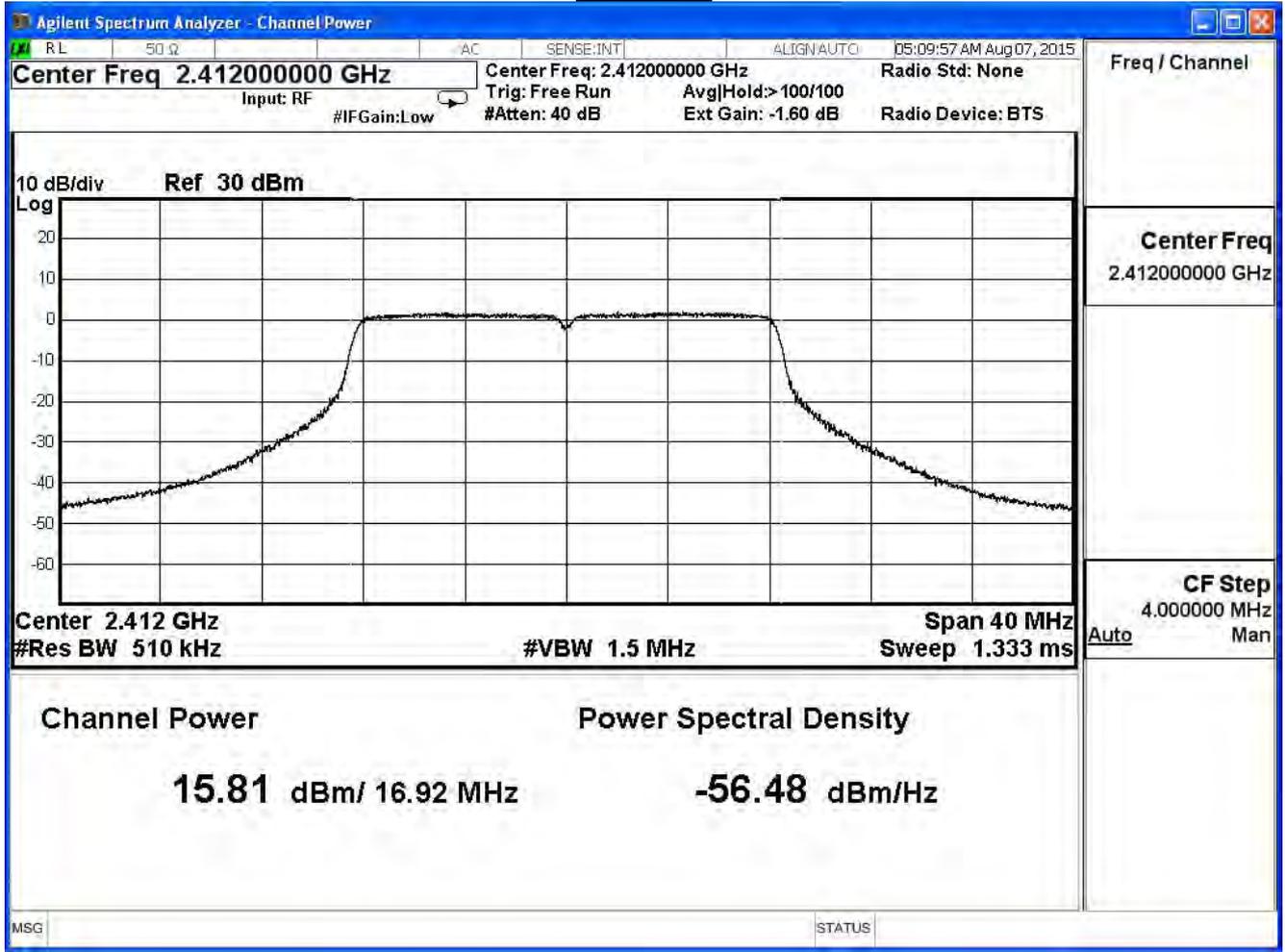
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11g (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.81	≤ 30
2	2417	19.86	≤ 30
6	2437	24.61	≤ 30
10	2457	22.12	≤ 30
11	2462	18.11	≤ 30

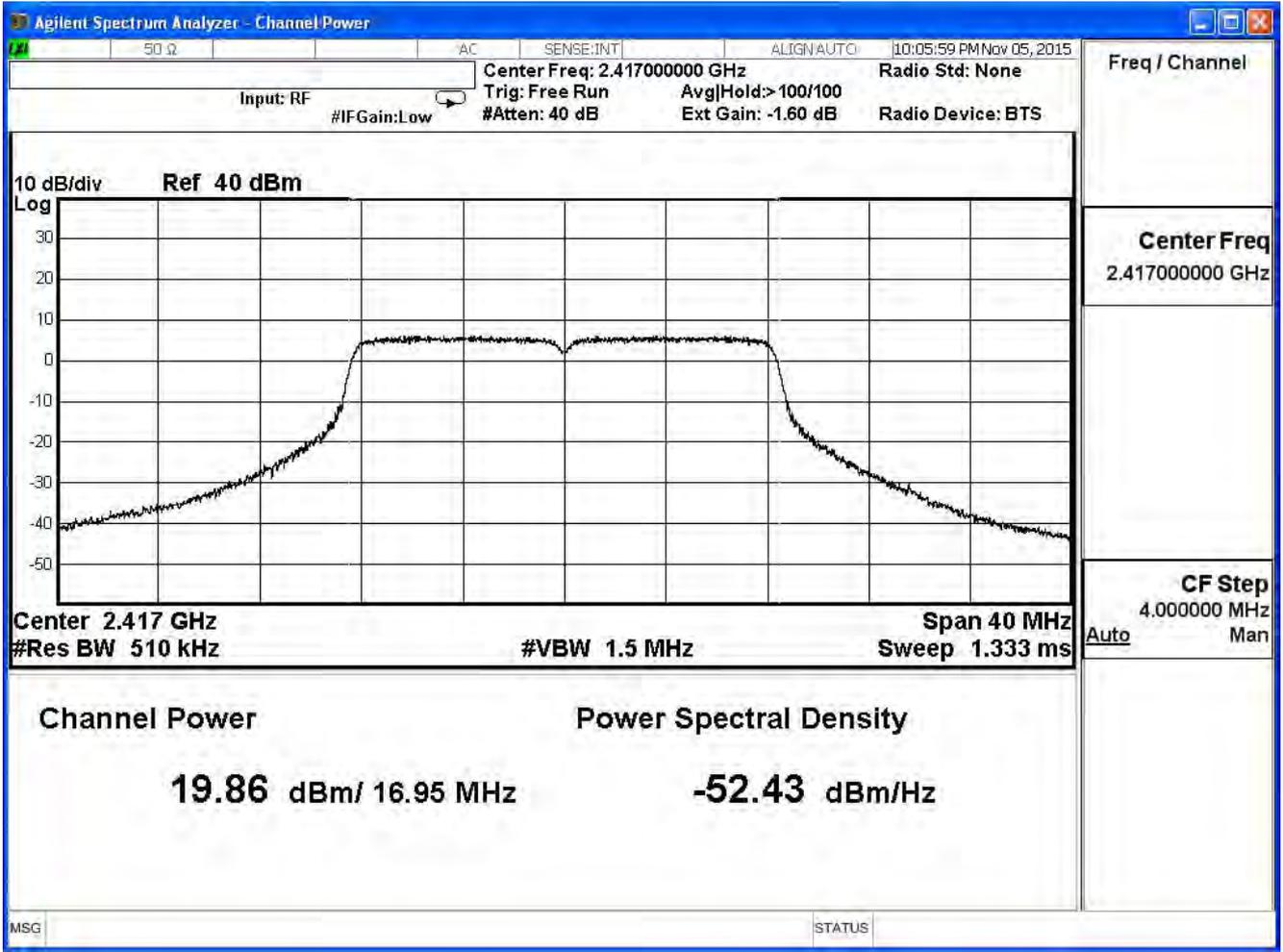
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	15.81	--	--	--	--	--	--	≤ 30
2	2417	19.86	--	--	--	--	--	--	≤ 30
6	2437	24.61	24.41	24.15	24.05	23.92	23.80	23.56	≤ 30
10	2457	22.12	--	--	--	--	--	--	≤ 30
11	2462	18.11	--	--	--	--	--	--	≤ 30

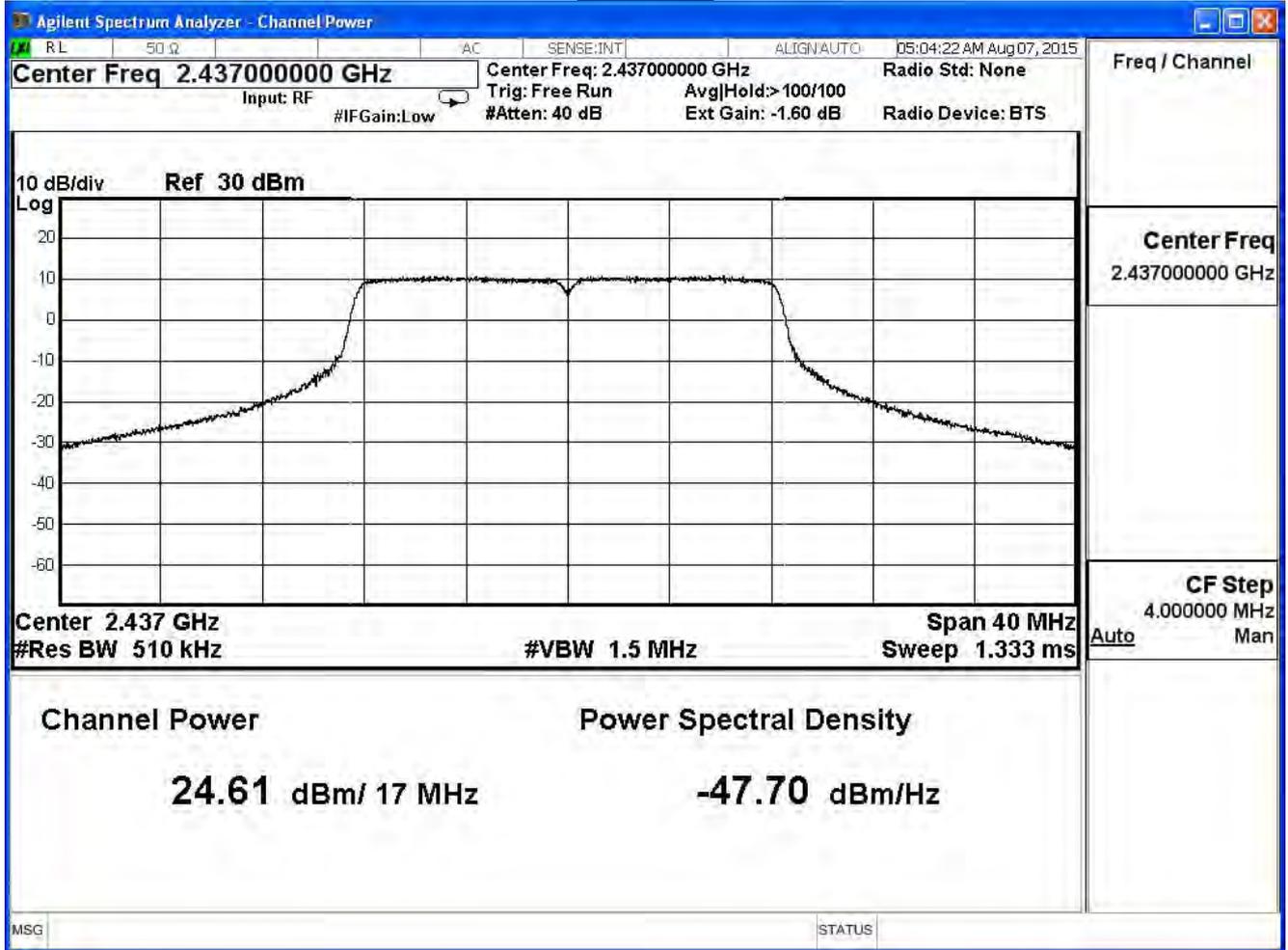
Channel 1



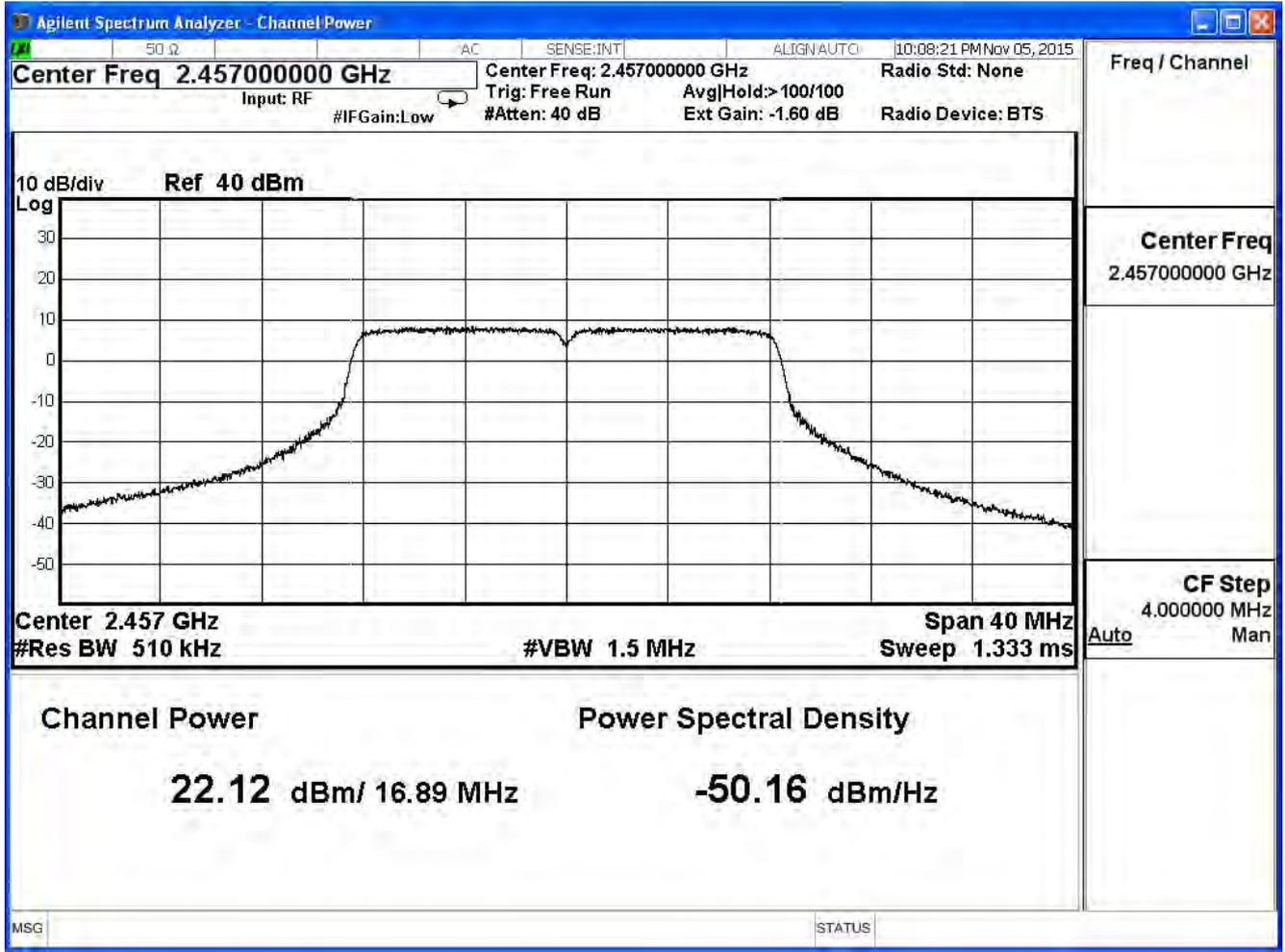
Channel 2



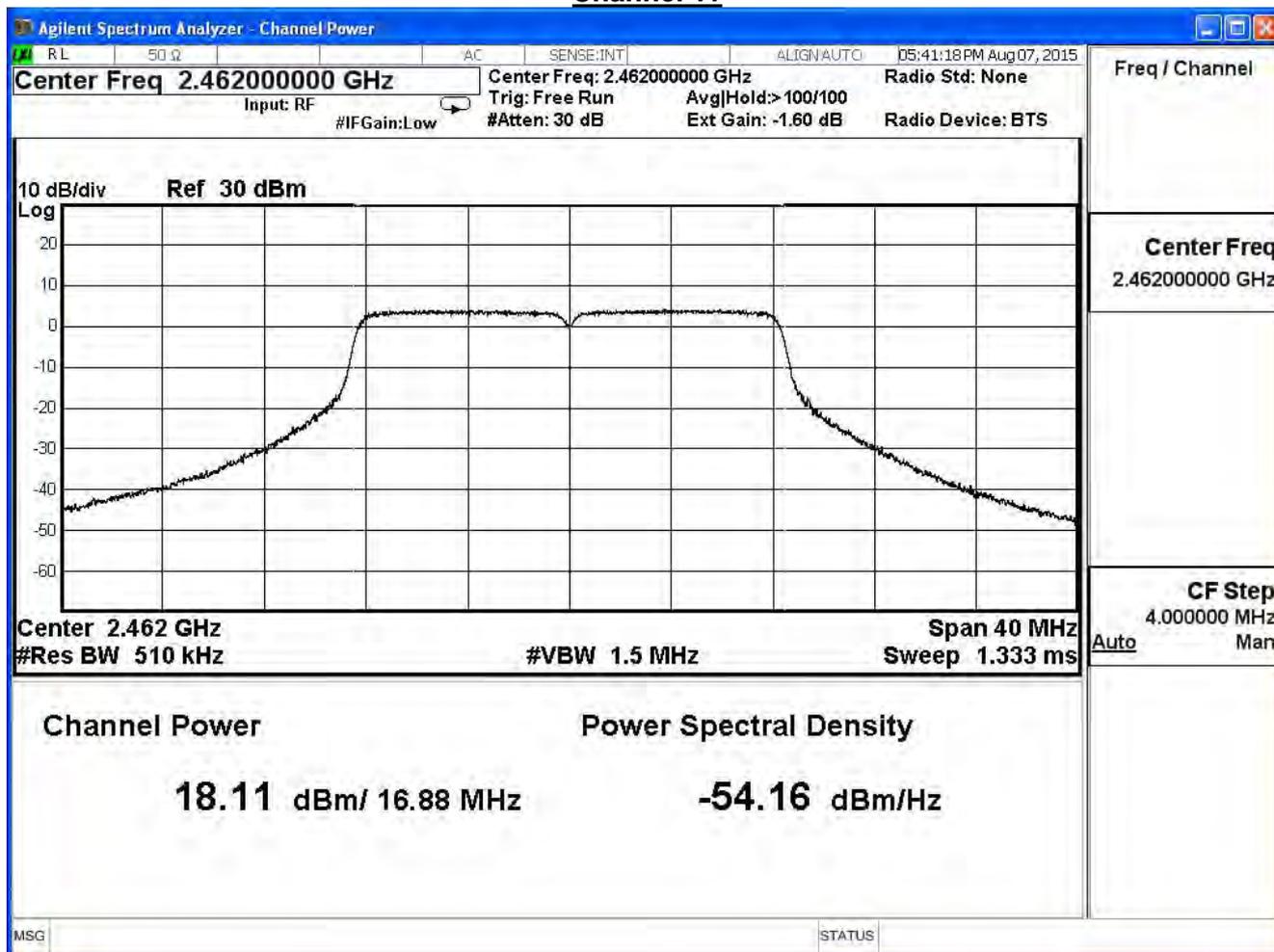
Channel 6



Channel 10



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11g (ANT 0+1+2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.58	≤ 30
2	2417	24.96	≤ 30
6	2437	29.38	≤ 30
10	2457	27.21	≤ 30
11	2462	22.95	≤ 30

The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	20.58	--	--	--	--	--	--	≤ 30
2	2417	24.96	--	--	--	--	--	--	≤ 30
6	2437	29.38	29.16	28.97	28.80	28.63	28.51	28.27	≤ 30
10	2457	27.21	--	--	--	--	--	--	≤ 30
11	2462	22.95	--	--	--	--	--	--	≤ 30

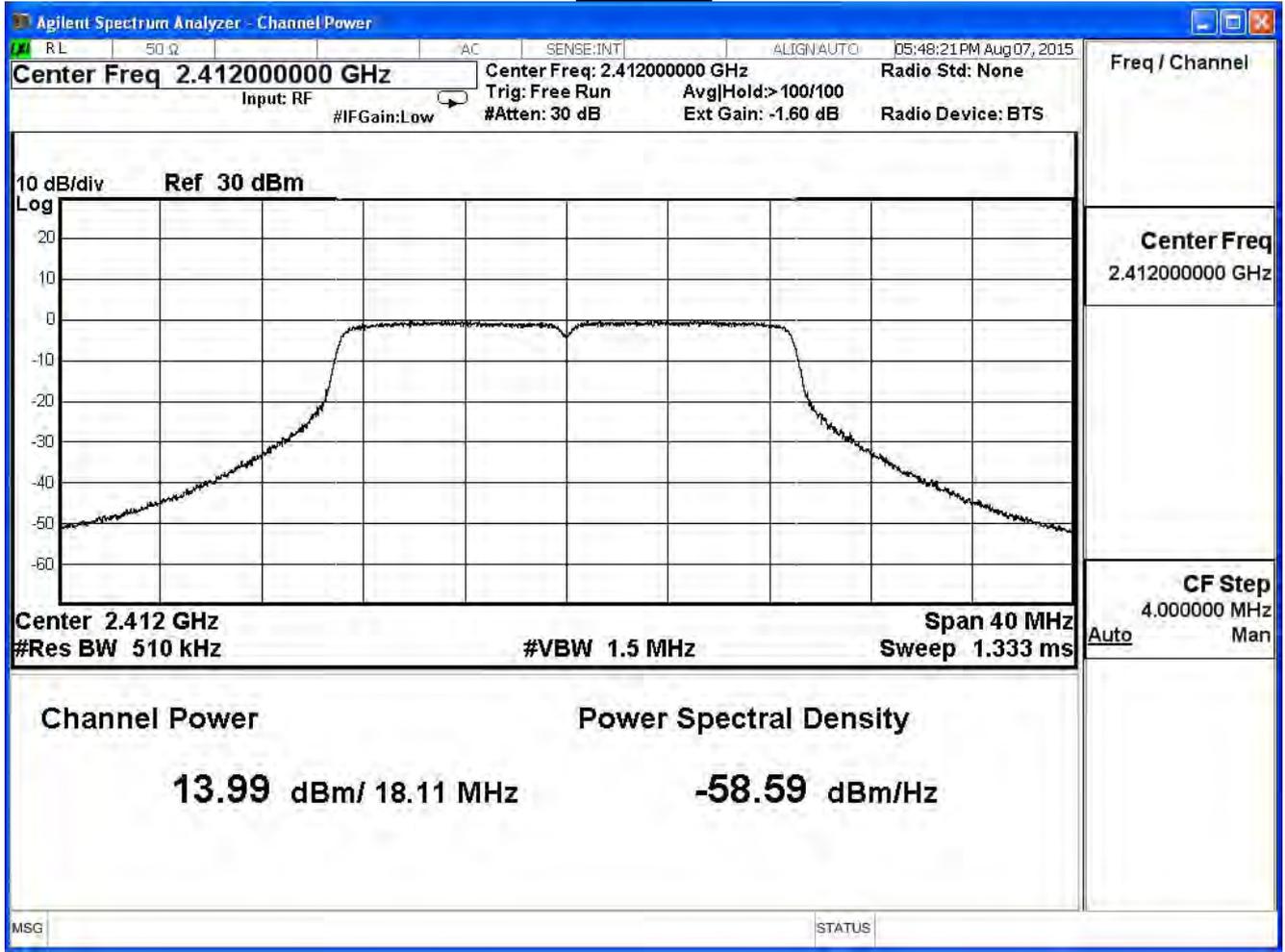
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_20M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	13.99	≤ 30
2	2417	20.79	≤ 30
6	2437	24.90	≤ 30
10	2457	22.55	≤ 30
11	2462	17.86	≤ 30

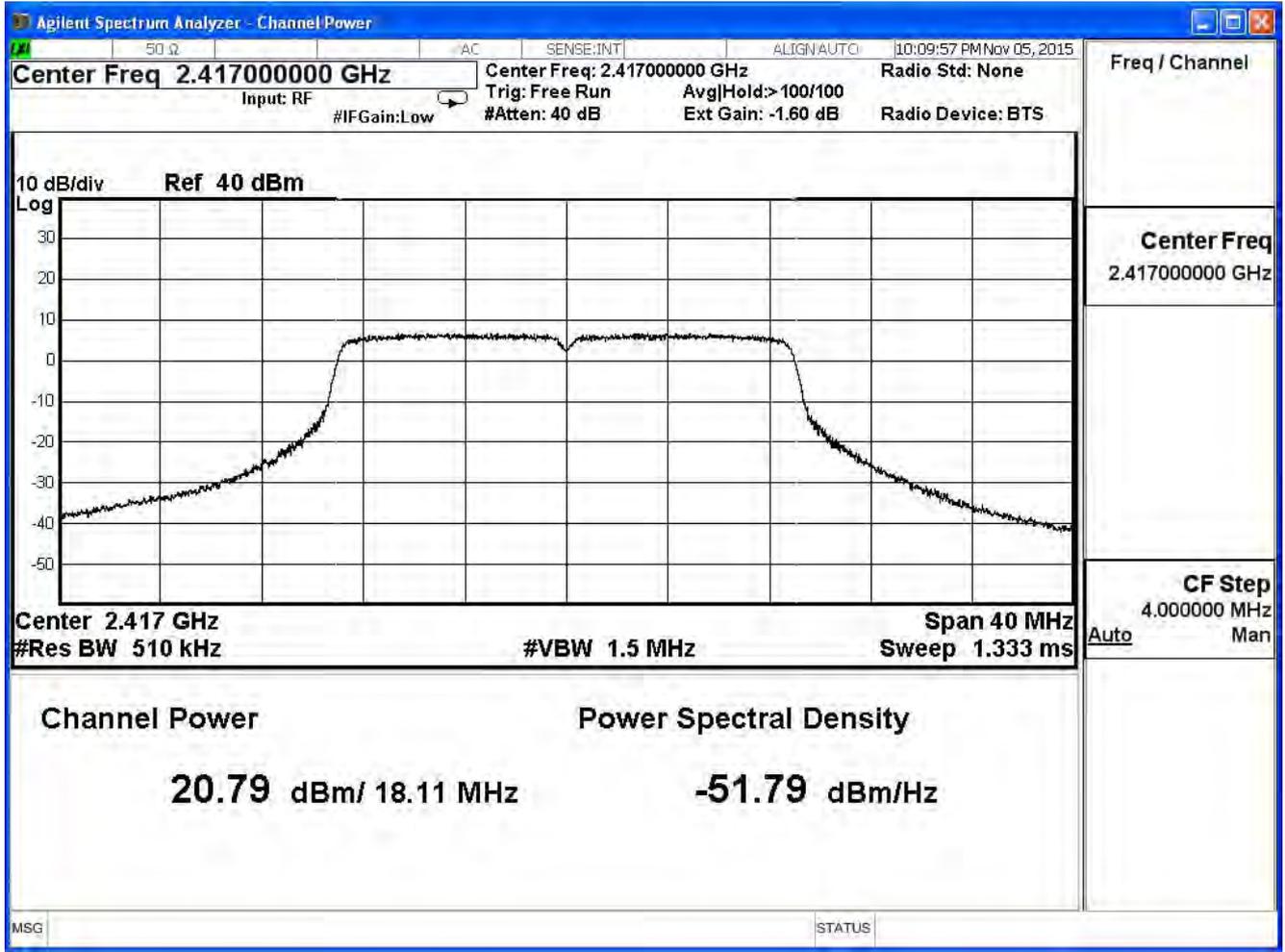
The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	13.99	--	--	--	--	--	--	--	≤ 30
2	2417	20.79	--	--	--	--	--	--	--	≤ 30
6	2437	24.90	24.78	24.68	24.46	24.20	24.08	23.84	23.62	≤ 30
10	2457	22.55	--	--	--	--	--	--	--	≤ 30
11	2462	17.86	--	--	--	--	--	--	--	≤ 30

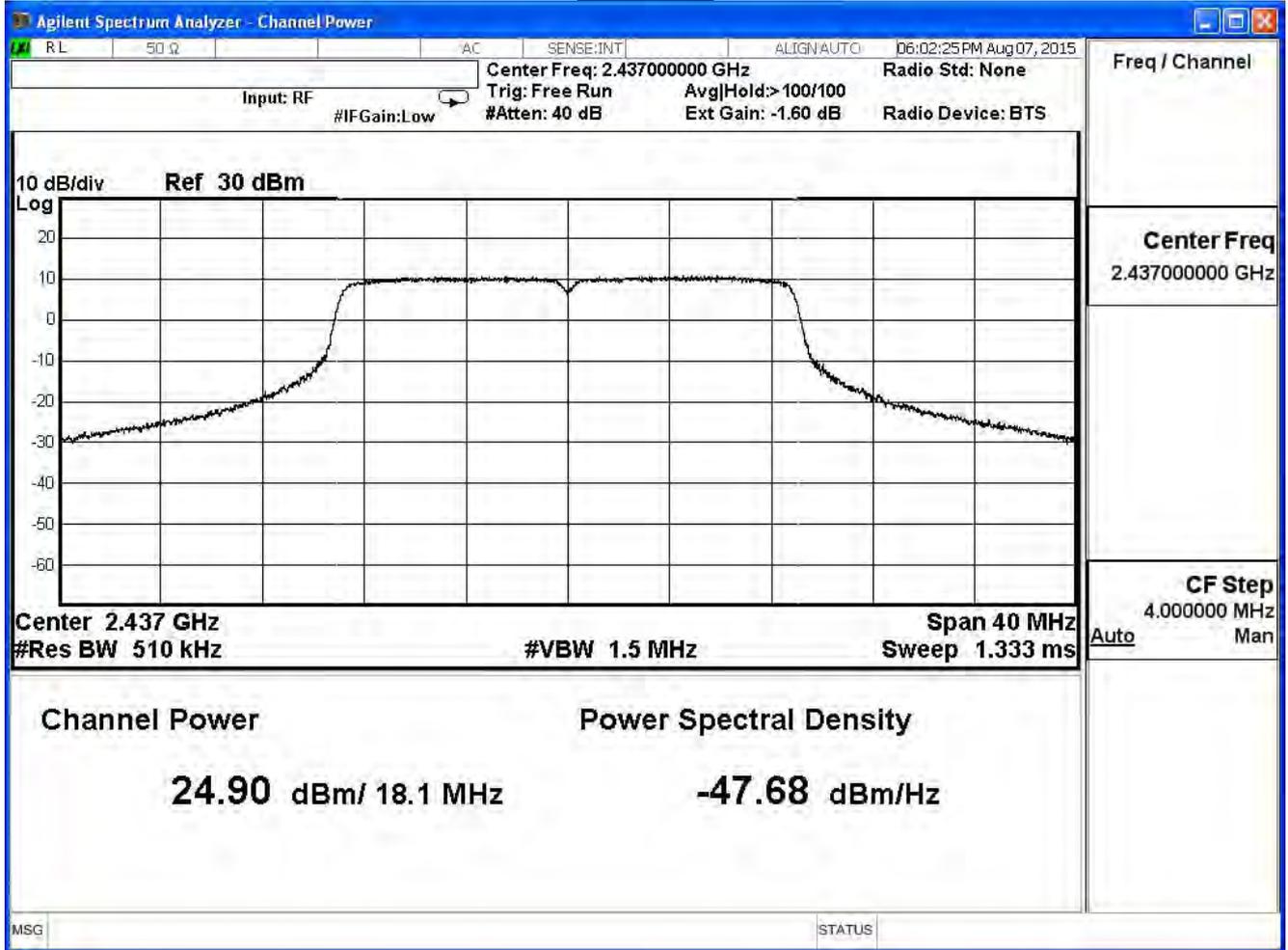
Channel 1



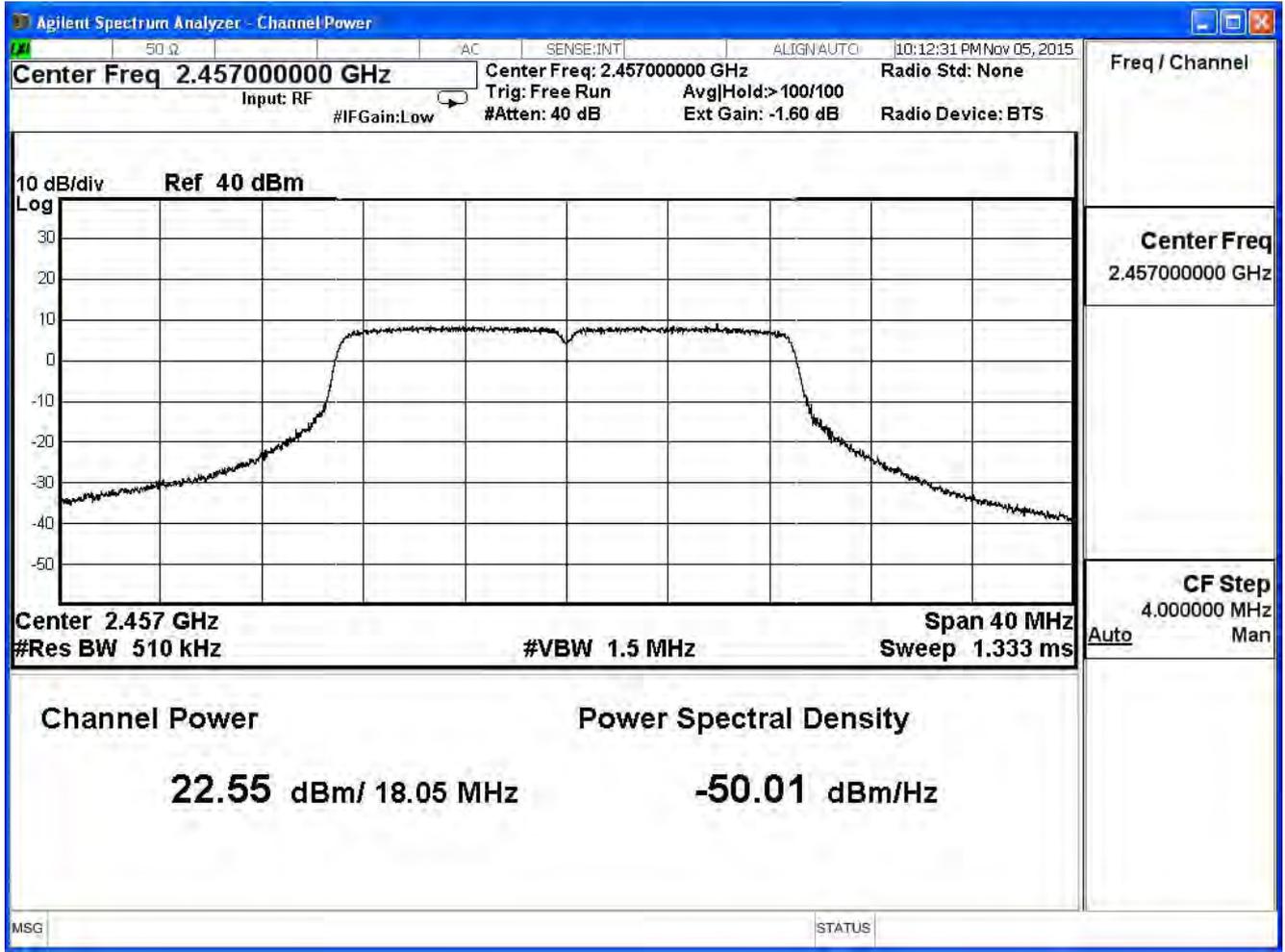
Channel 2



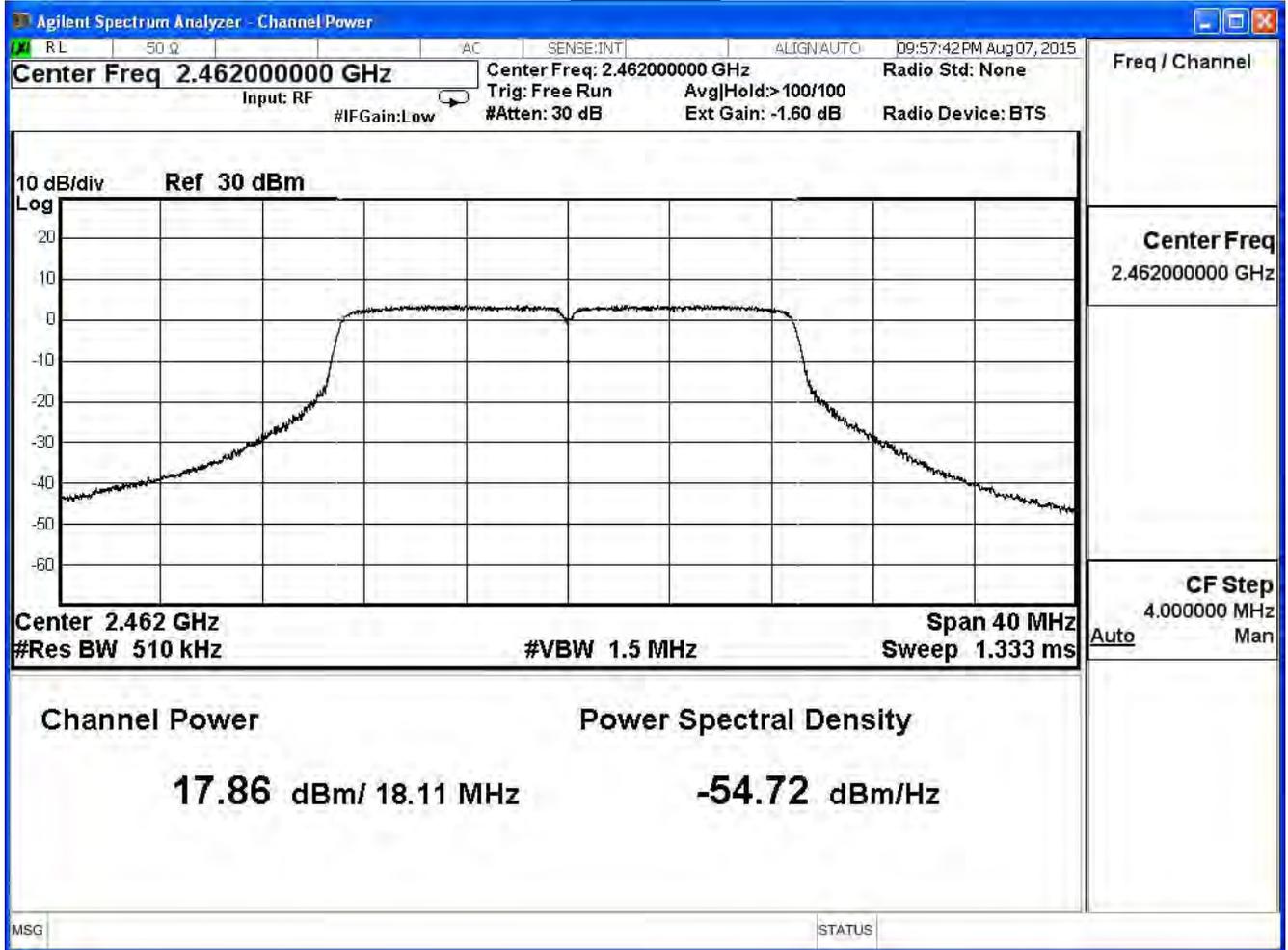
Channel 6



Channel 10



Channel 11



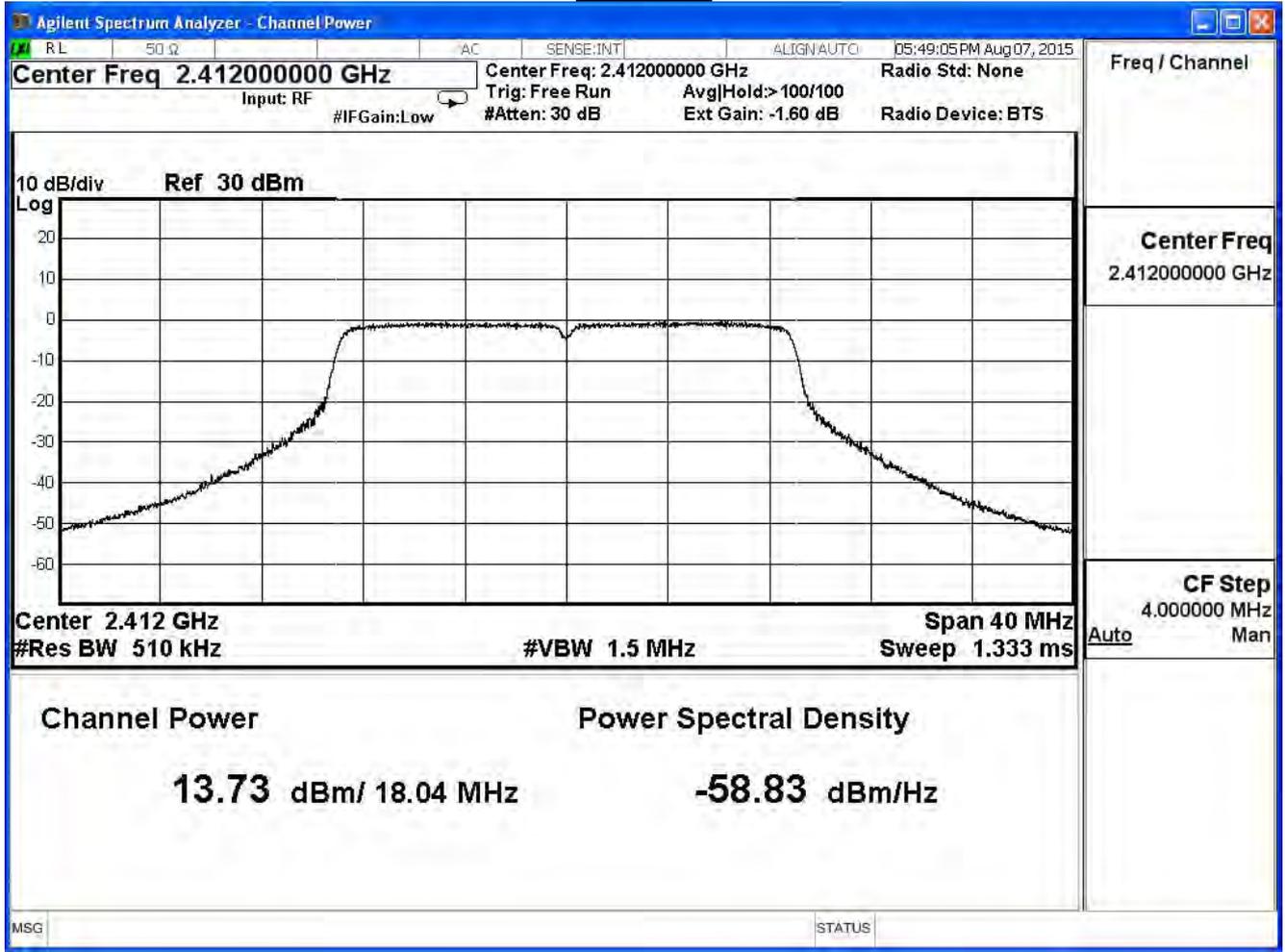
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_20M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	13.73	≤ 30
2	2417	20.83	≤ 30
6	2437	24.60	≤ 30
10	2457	22.76	≤ 30
11	2462	17.64	≤ 30

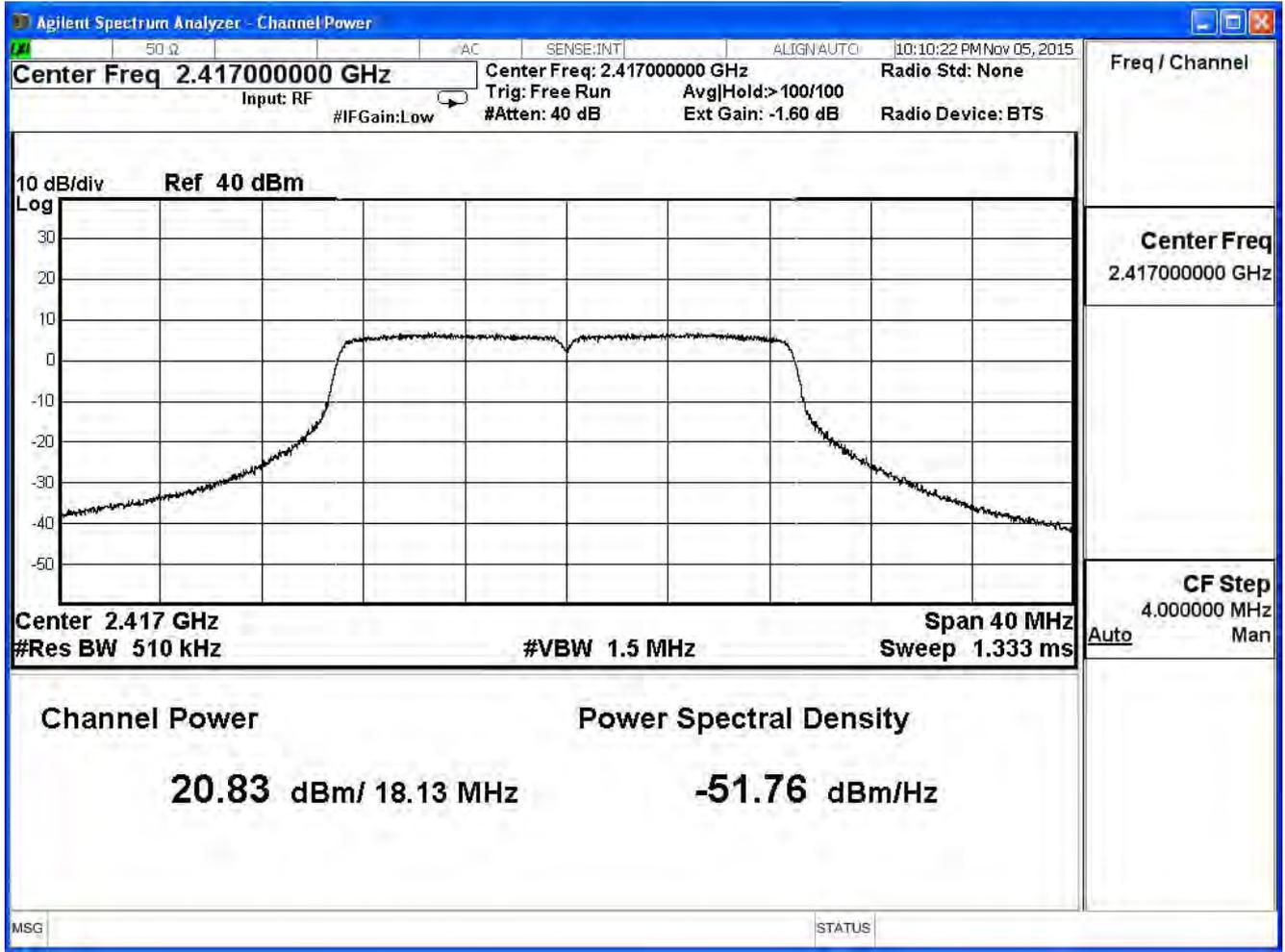
The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	13.73	--	--	--	--	--	--	--	≤ 30
2	2417	20.83	--	--	--	--	--	--	--	≤ 30
6	2437	24.60	24.50	24.26	24.16	24.04	23.80	23.68	23.42	≤ 30
10	2457	22.76	--	--	--	--	--	--	--	≤ 30
11	2462	17.64	--	--	--	--	--	--	--	≤ 30

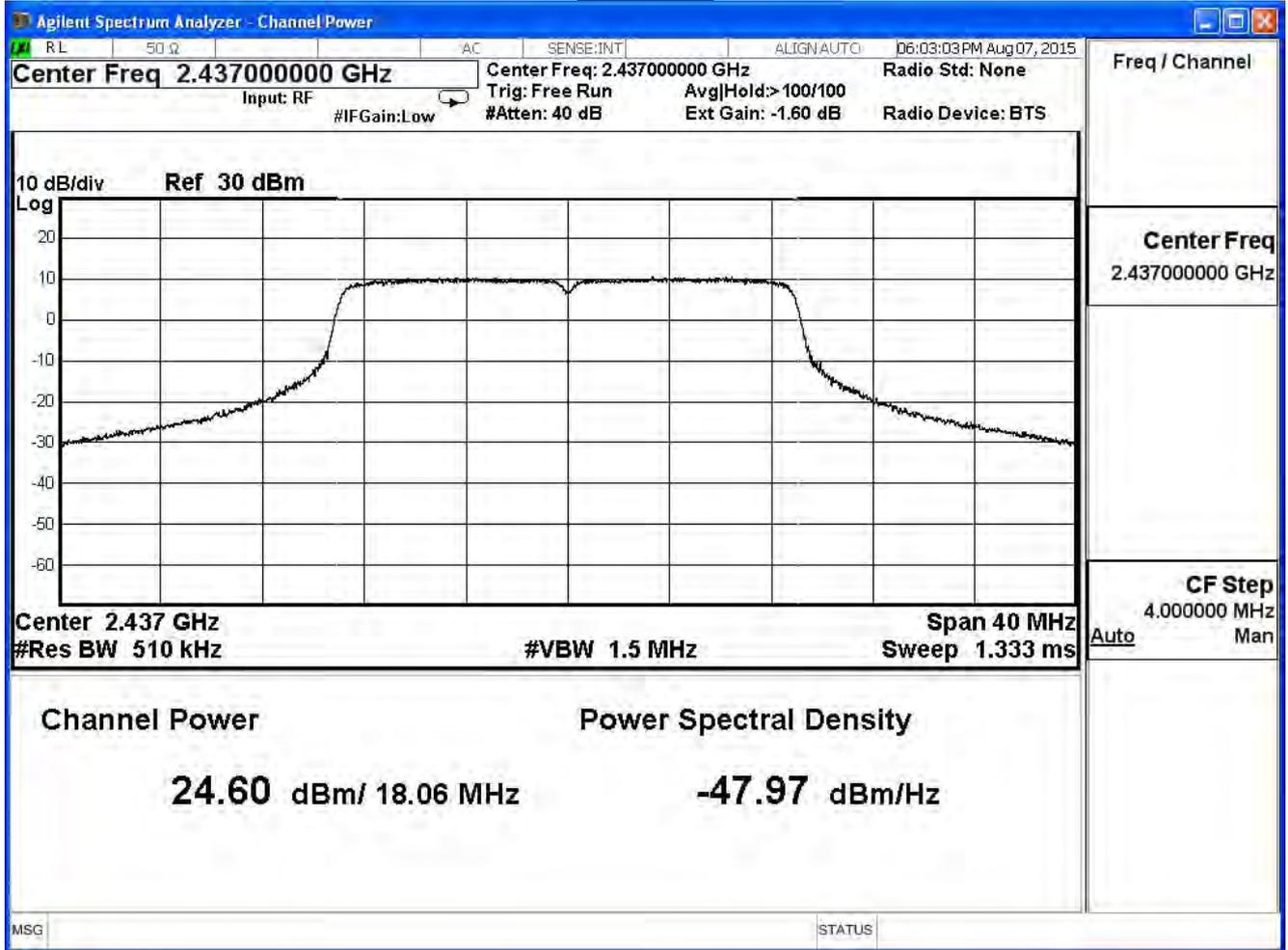
Channel 1



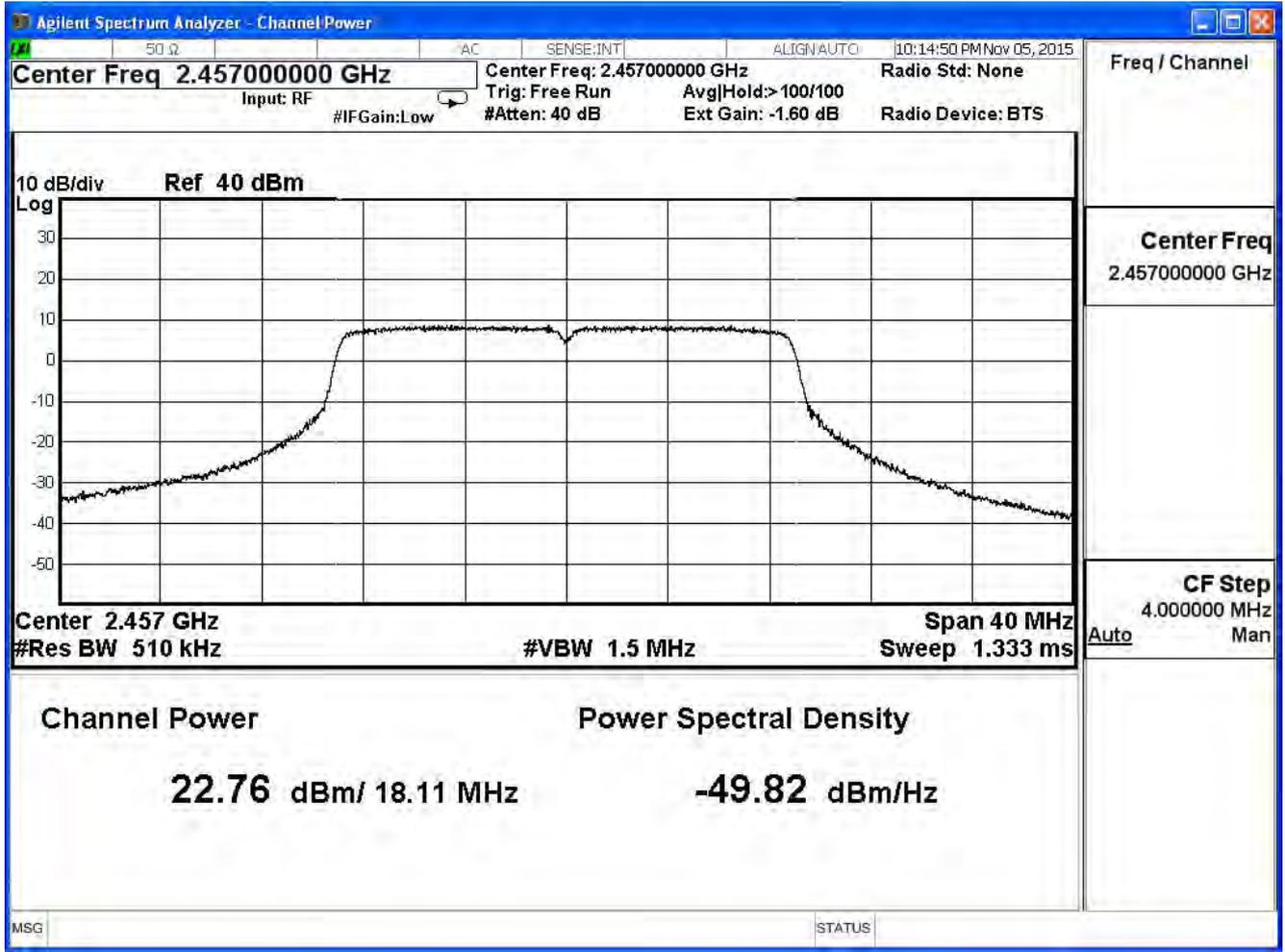
Channel 2



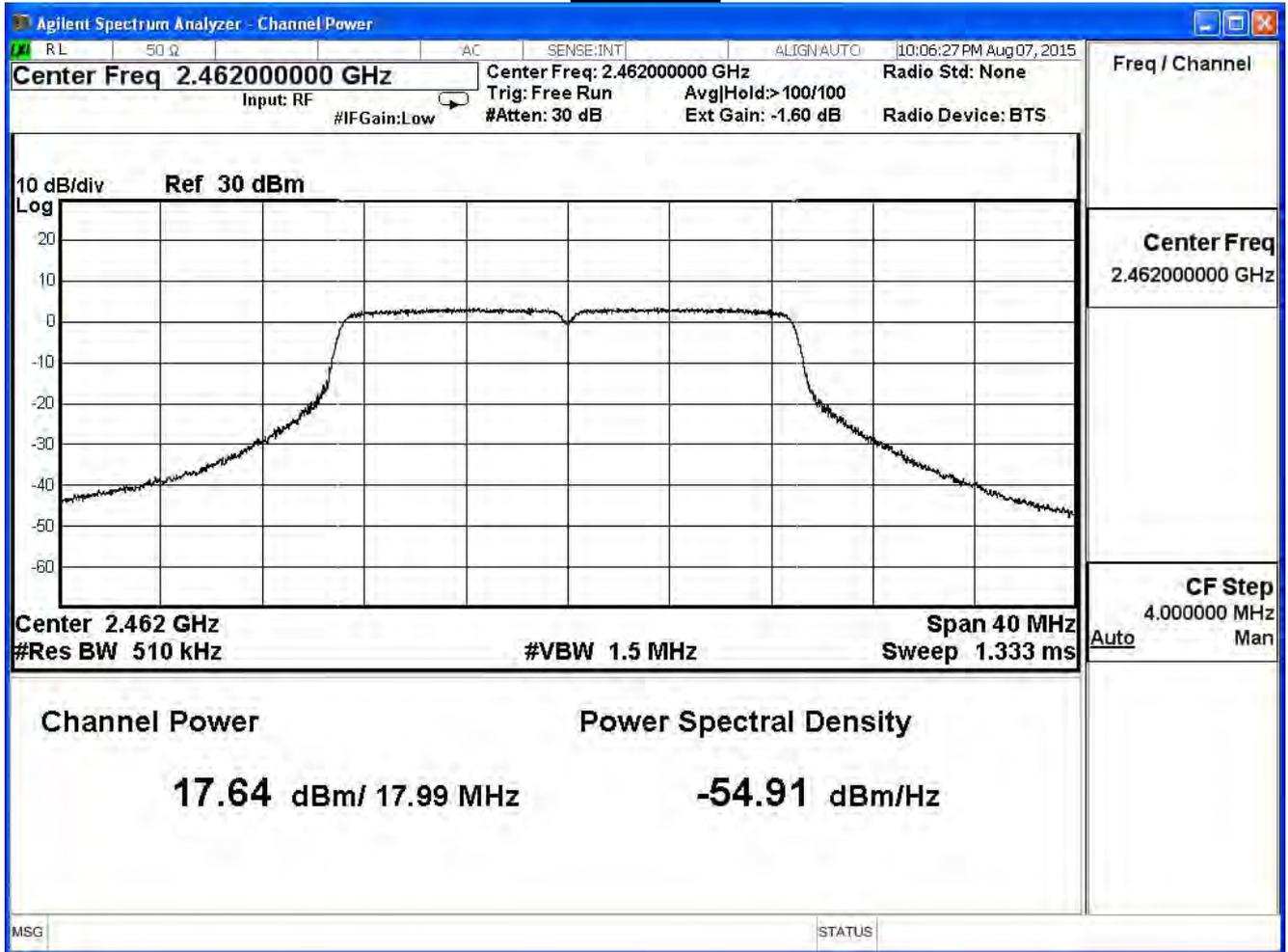
Channel 6



Channel 10



Channel 11



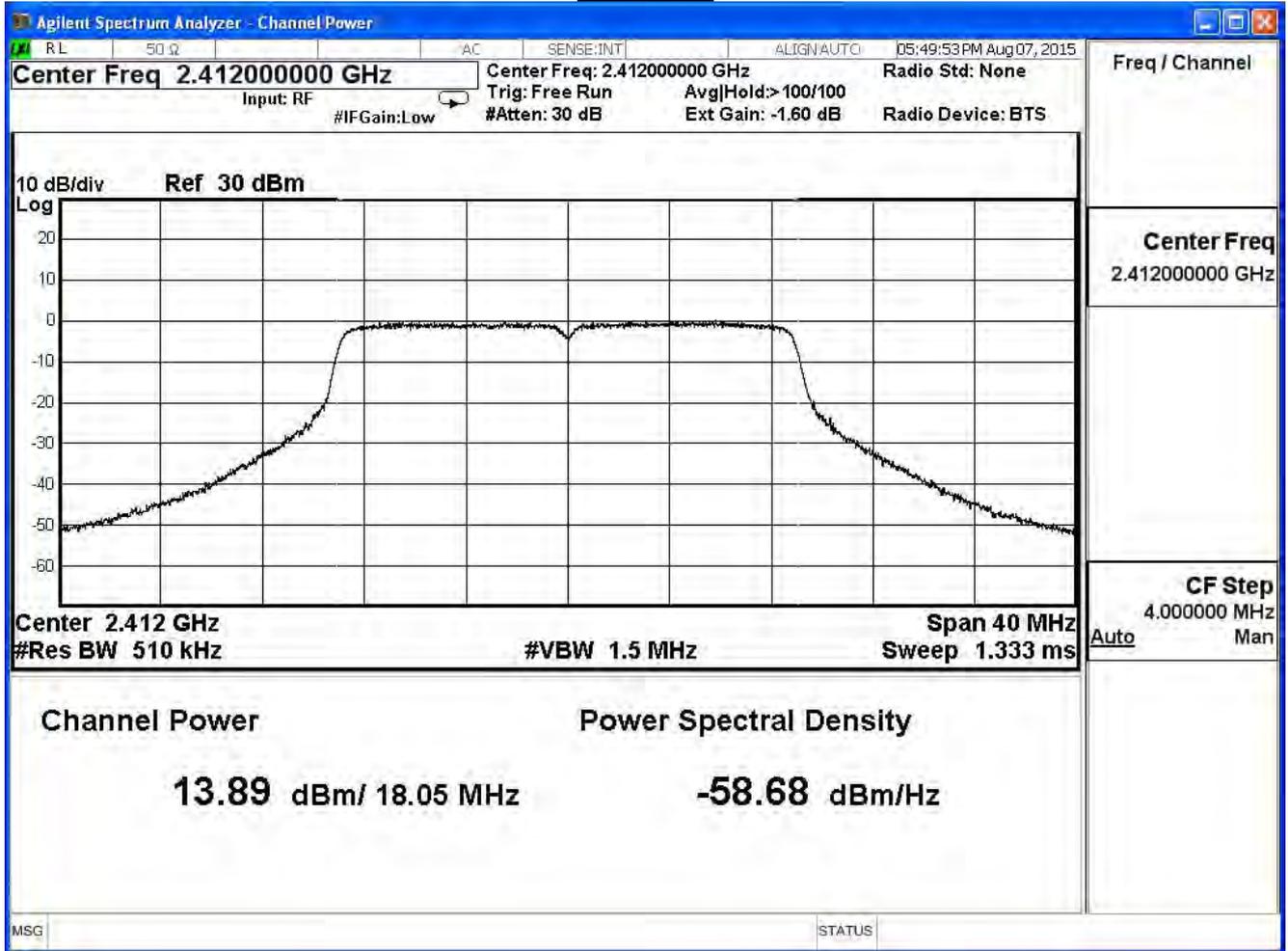
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_20M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	13.89	≤ 30
2	2417	20.32	≤ 30
6	2437	24.65	≤ 30
10	2457	22.49	≤ 30
11	2462	17.48	≤ 30

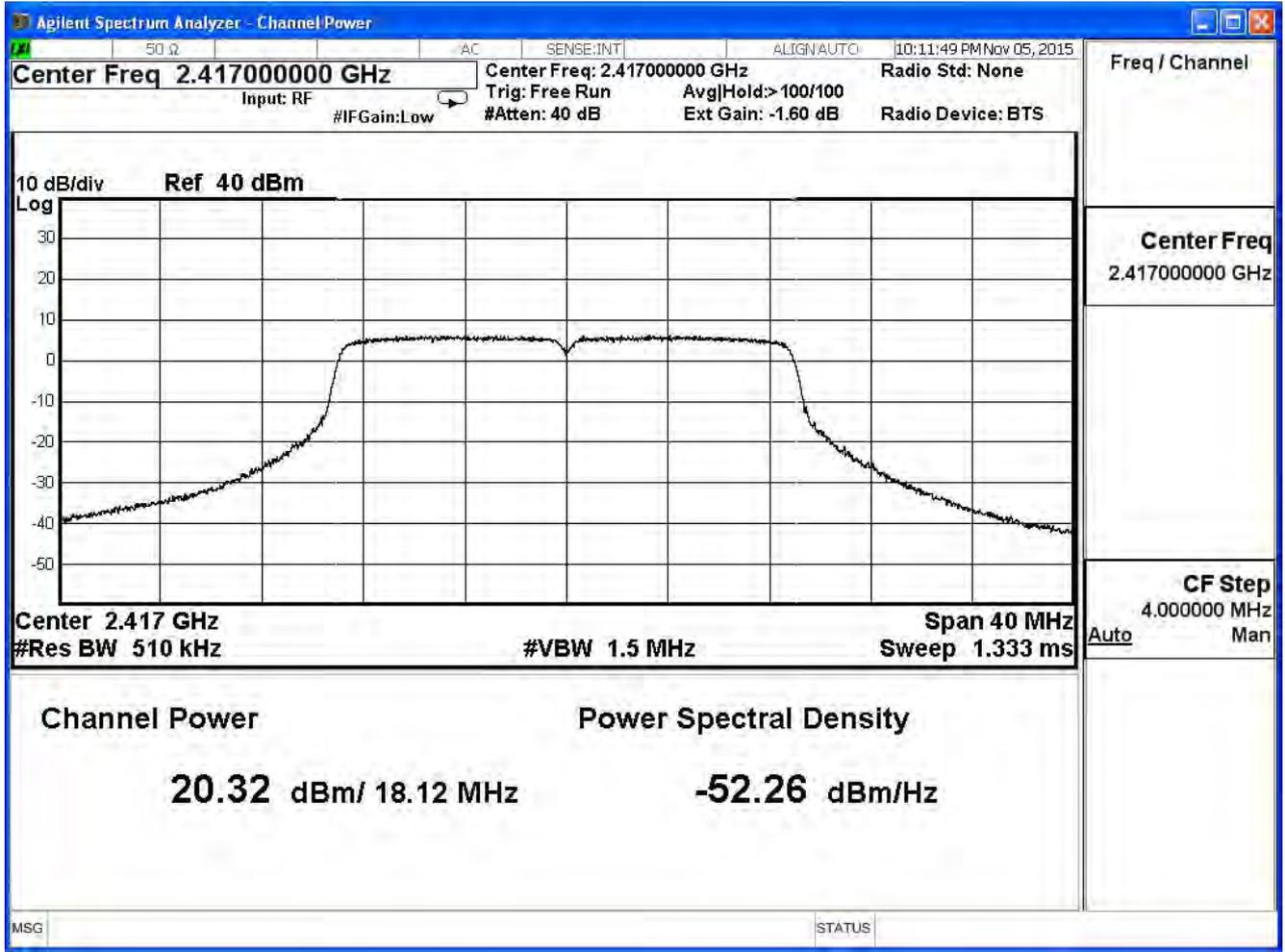
The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	13.89	--	--	--	--	--	--	--	≤ 30
2	2417	20.32	--	--	--	--	--	--	--	≤ 30
6	2437	24.65	24.55	24.29	24.19	24.06	23.82	23.70	23.58	≤ 30
10	2457	22.49	--	--	--	--	--	--	--	≤ 30
11	2462	17.48	--	--	--	--	--	--	--	≤ 30

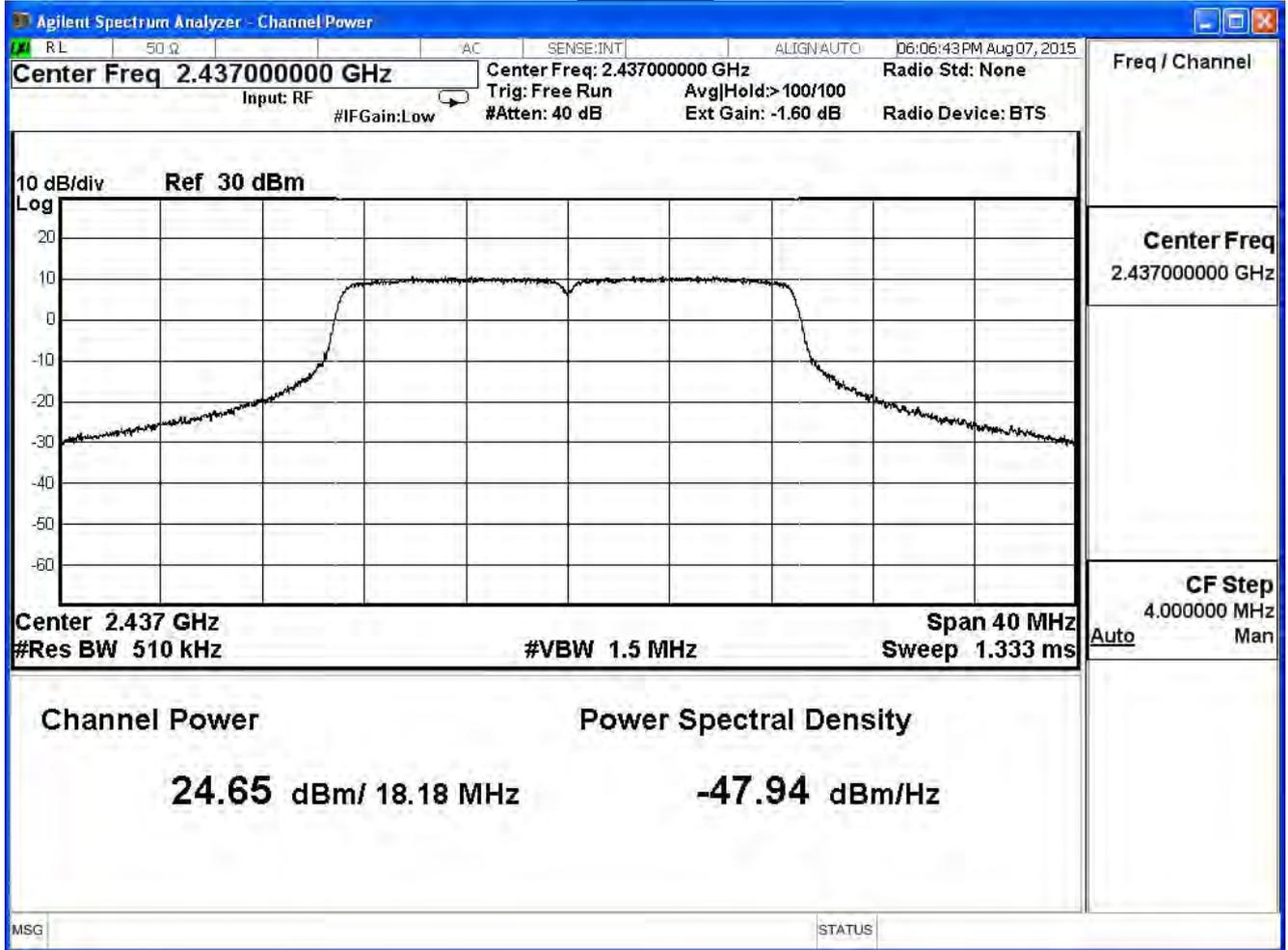
Channel 1



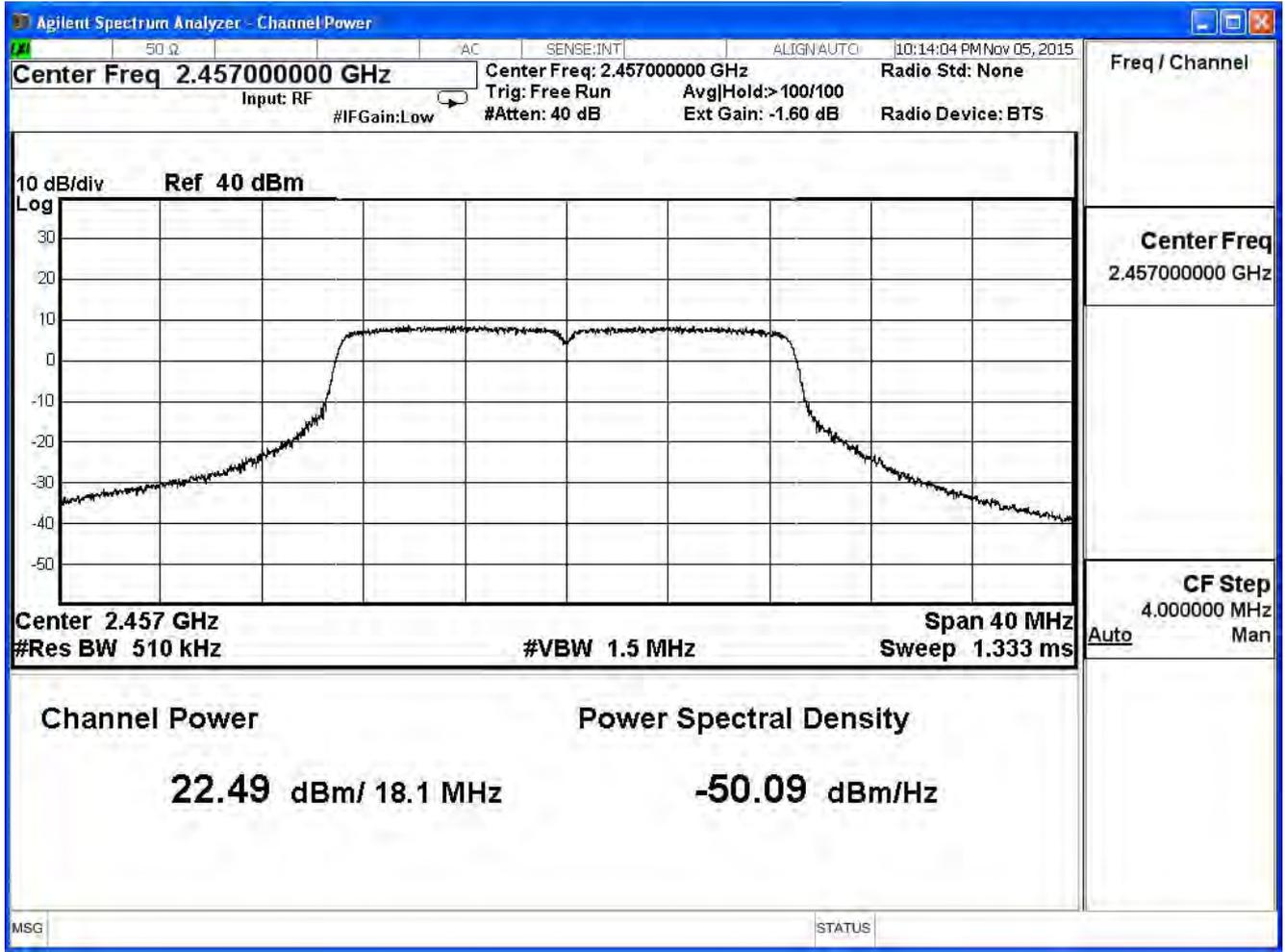
Channel 2



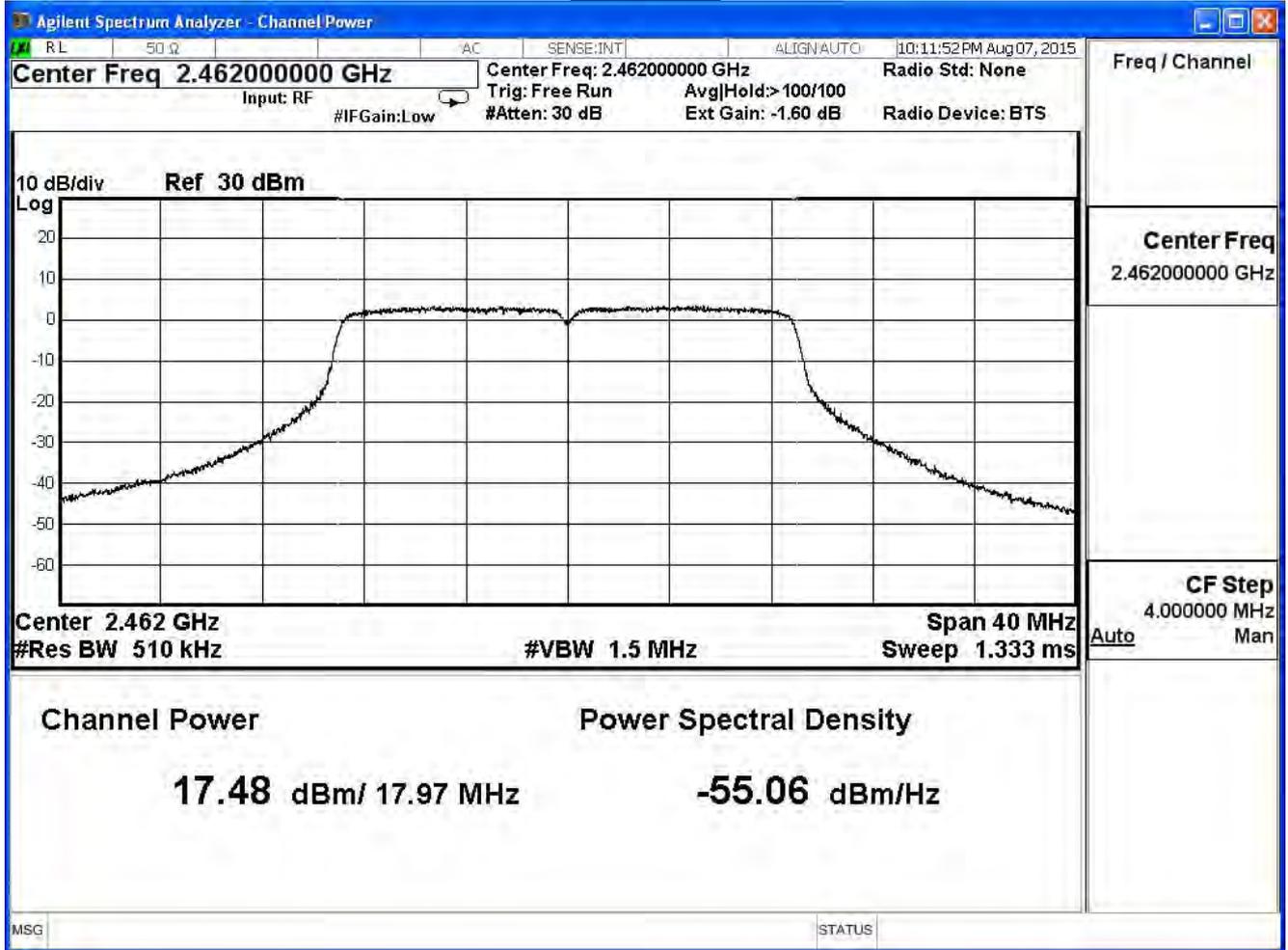
Channel 6



Channel 10



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_20M (ANT 0+1+2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.64	≤ 30
2	2417	25.42	≤ 30
6	2437	29.49	≤ 30
10	2457	27.37	≤ 30
11	2462	22.43	≤ 30

The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	18.64	--	--	--	--	--	--	--	≤ 30
2	2417	25.42	--	--	--	--	--	--	--	≤ 30
6	2437	29.49	29.38	29.19	29.04	28.87	28.67	28.51	28.31	≤ 30
10	2457	27.37	--	--	--	--	--	--	--	≤ 30
11	2462	22.43	--	--	--	--	--	--	--	≤ 30

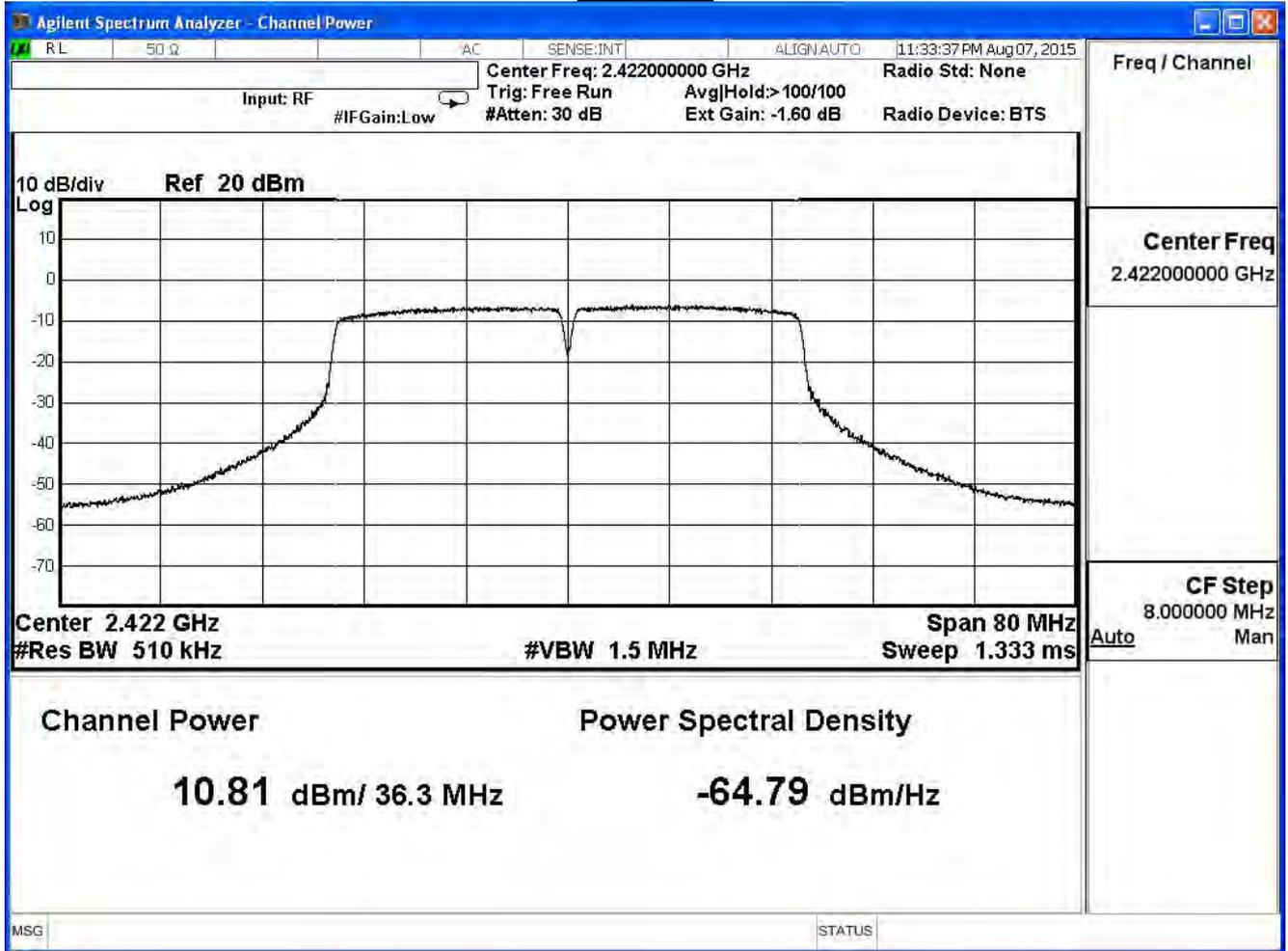
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_40M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	10.81	≤ 30
4	2427	15.42	≤ 30
6	2437	17.68	≤ 30
8	2447	15.44	≤ 30
9	2452	10.37	≤ 30

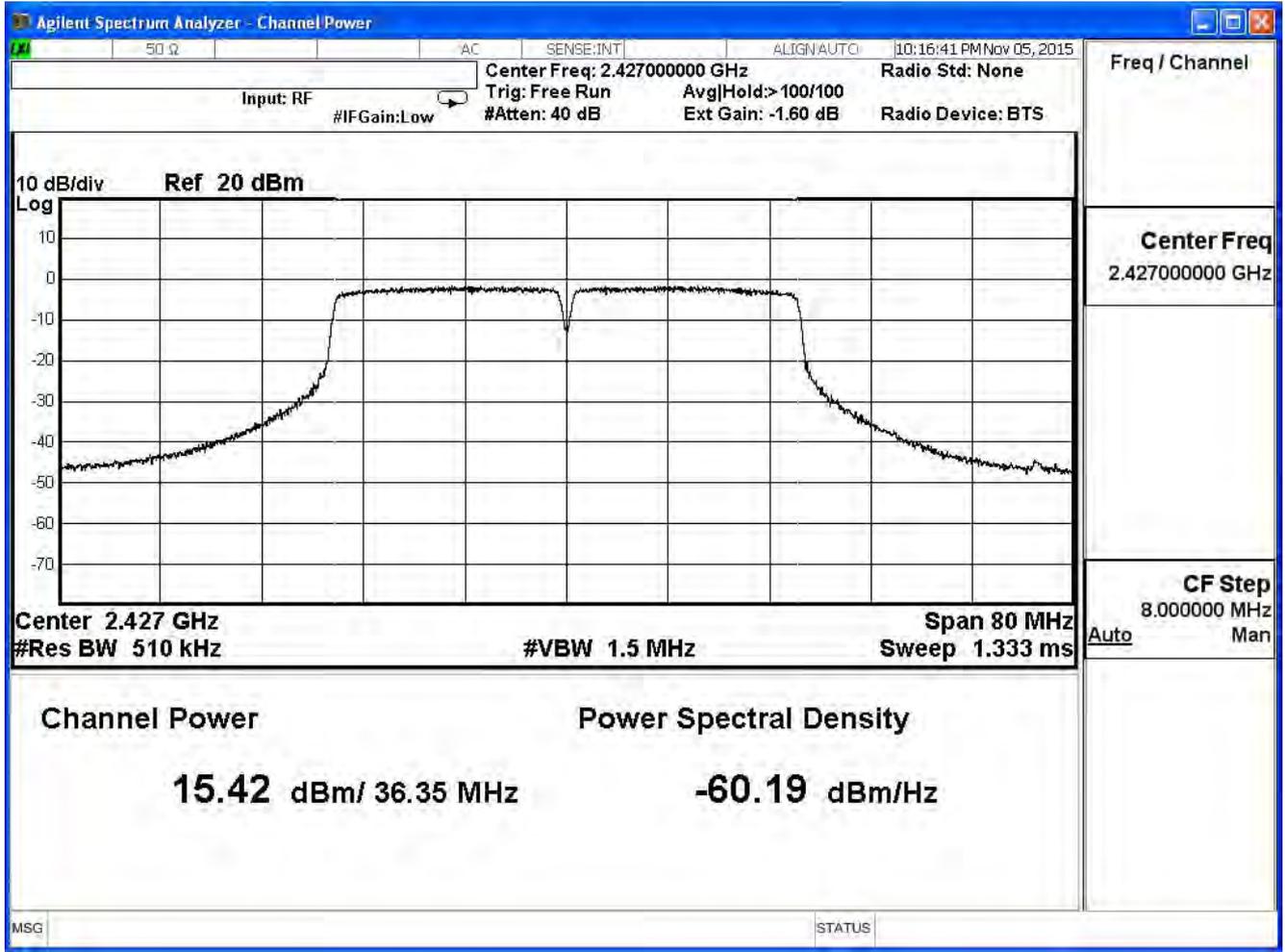
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	10.81	--	--	--	--	--	--	--	≤ 30
4	2427	15.42	--	--	--	--	--	--	--	≤ 30
6	2437	17.68	17.48	17.37	17.27	17.17	17.05	16.79	16.55	≤ 30
8	2447	15.44	--	--	--	--	--	--	--	≤ 30
9	2452	10.37	--	--	--	--	--	--	--	≤ 30

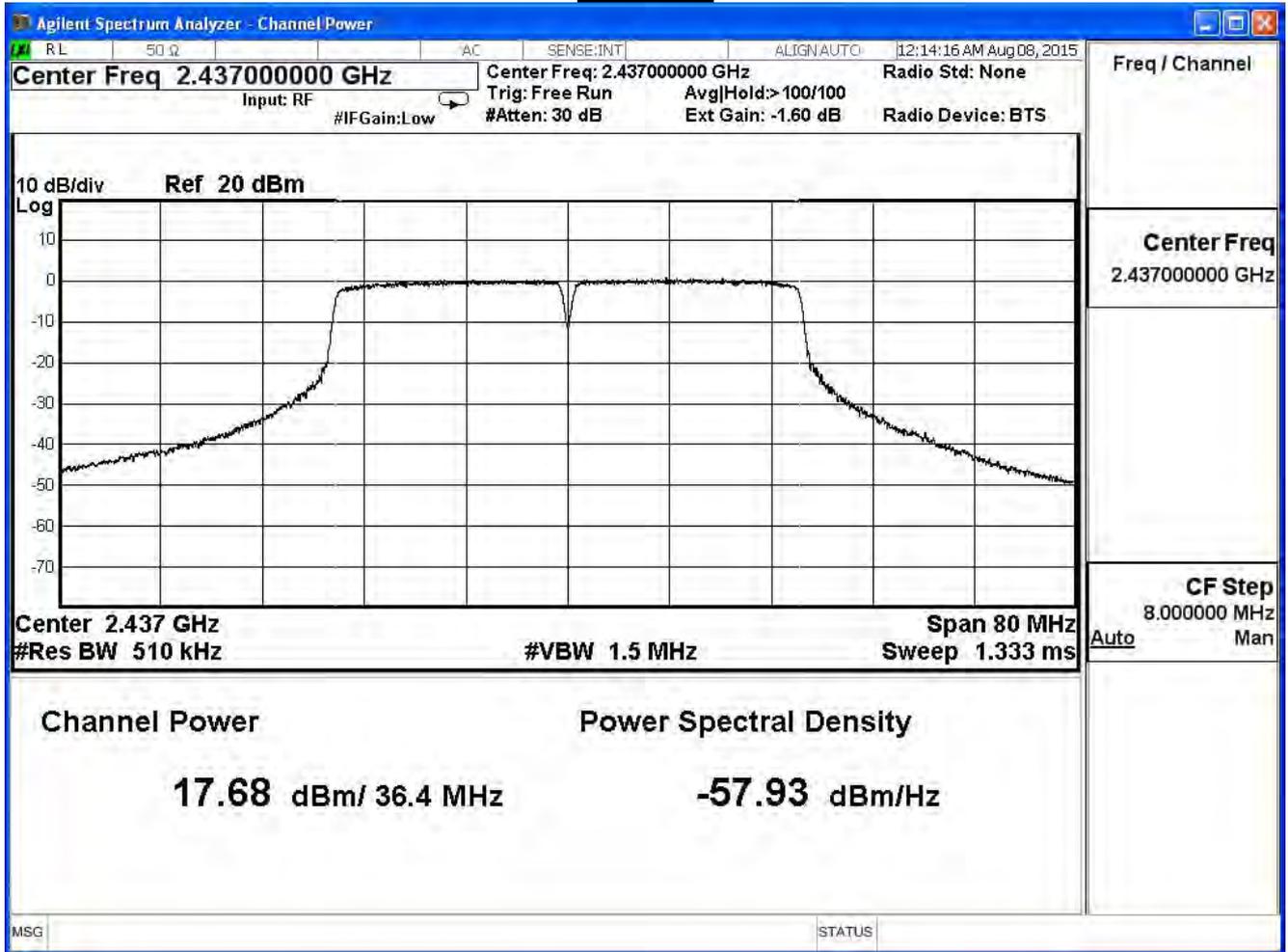
Channel 3



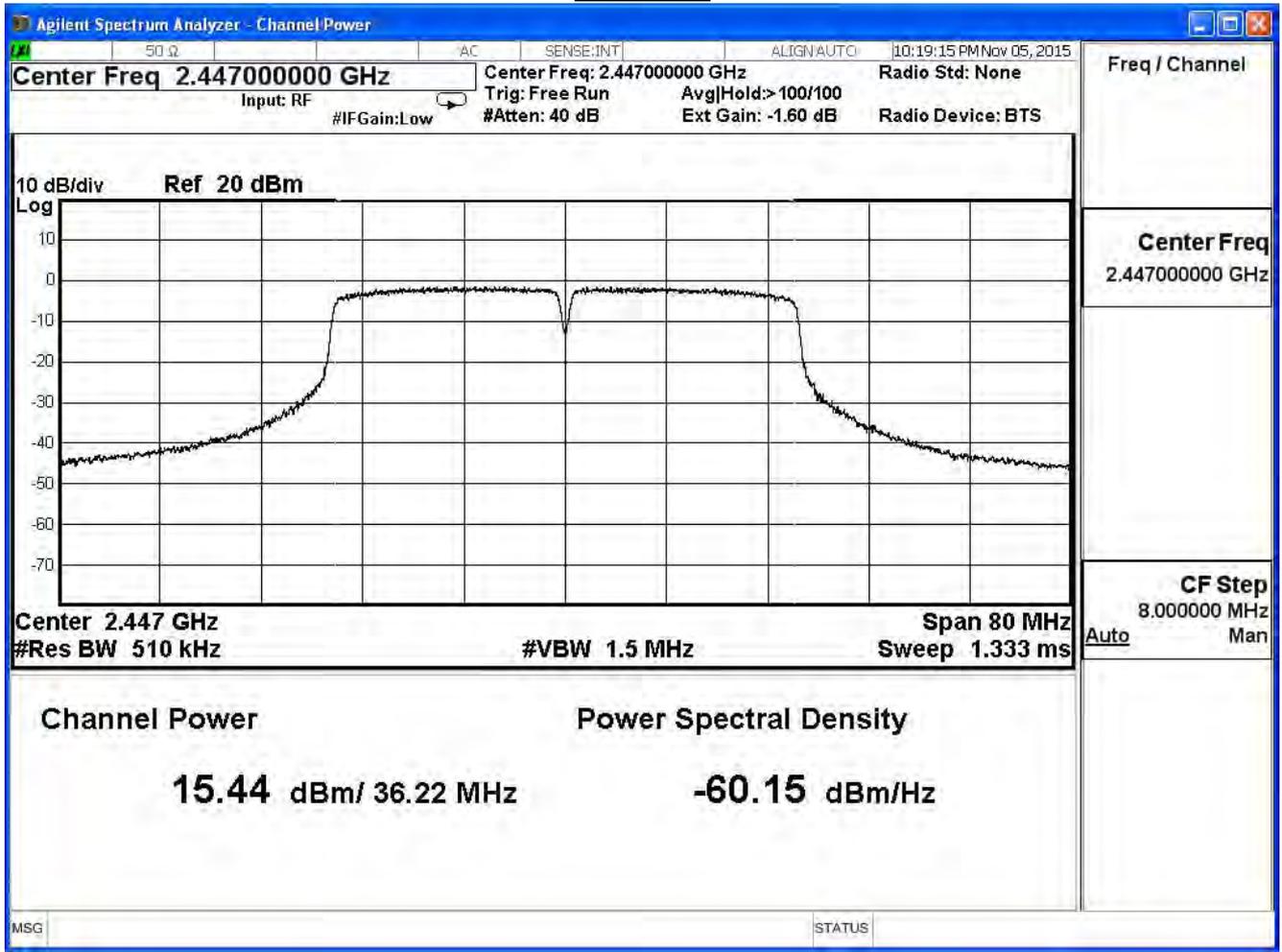
Channel 4



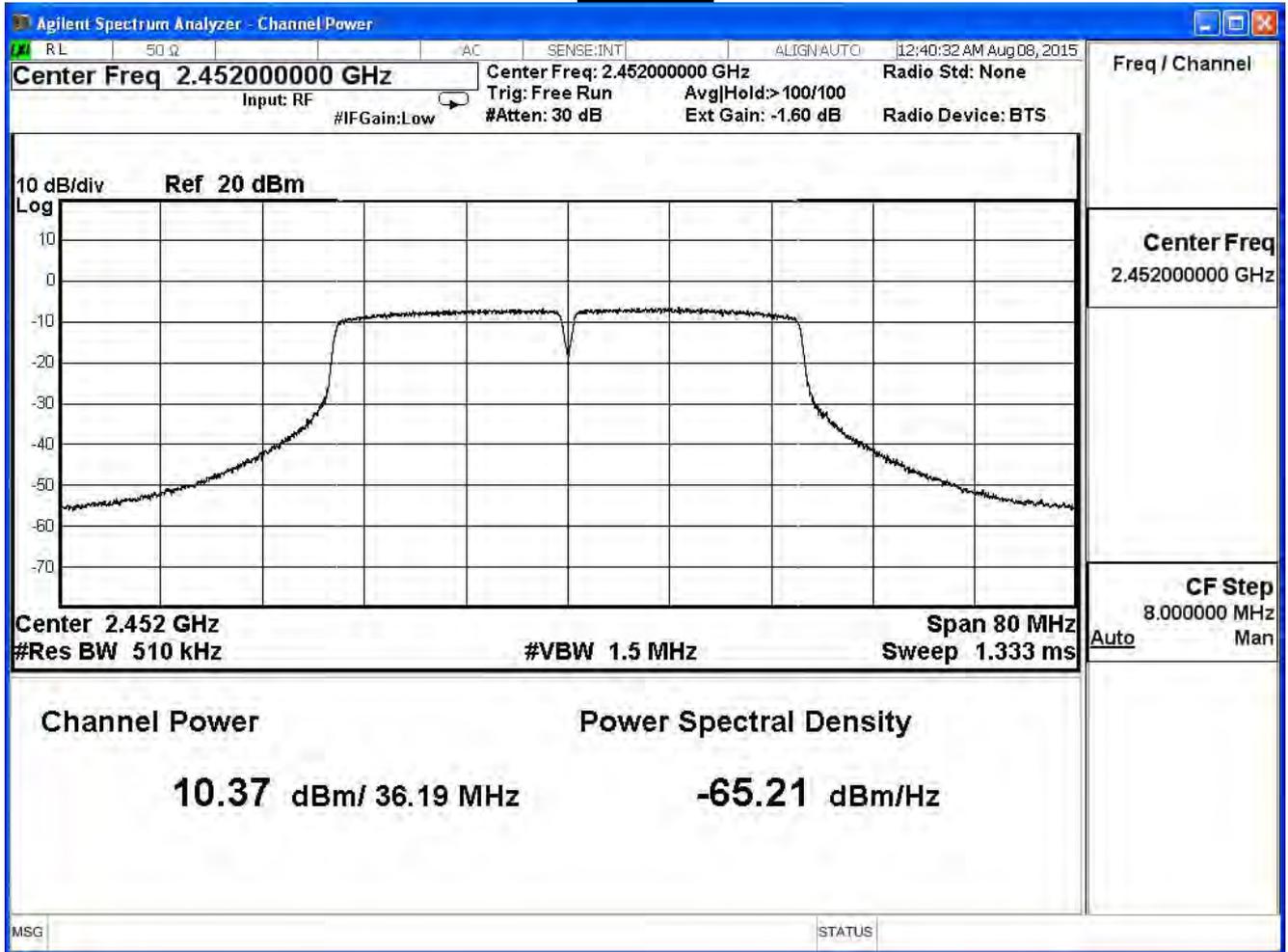
Channel 6



Channel 8



Channel 9



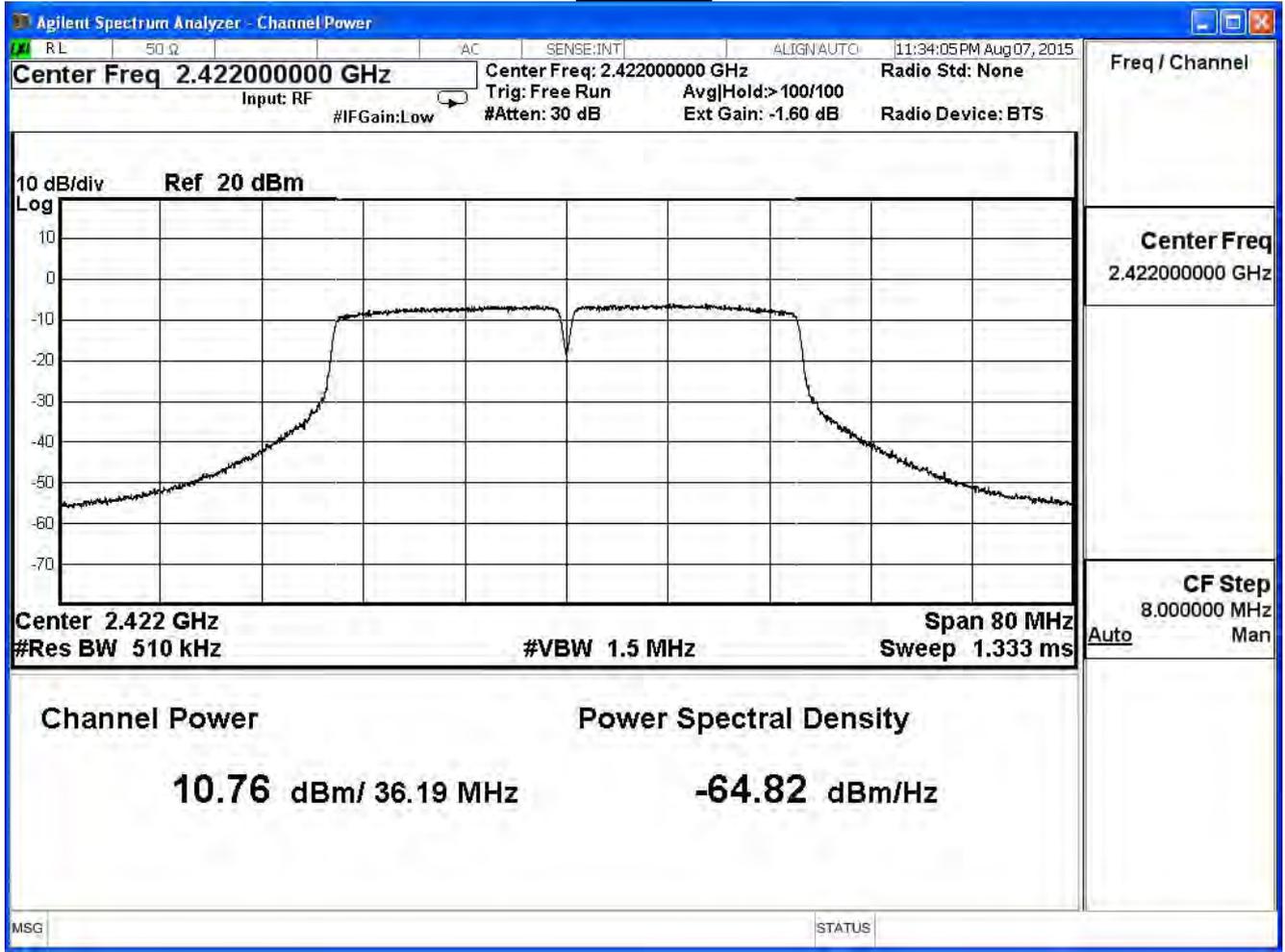
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_40M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	10.76	≤ 30
4	2427	15.32	≤ 30
6	2437	17.48	≤ 30
8	2447	15.11	≤ 30
9	2452	10.65	≤ 30

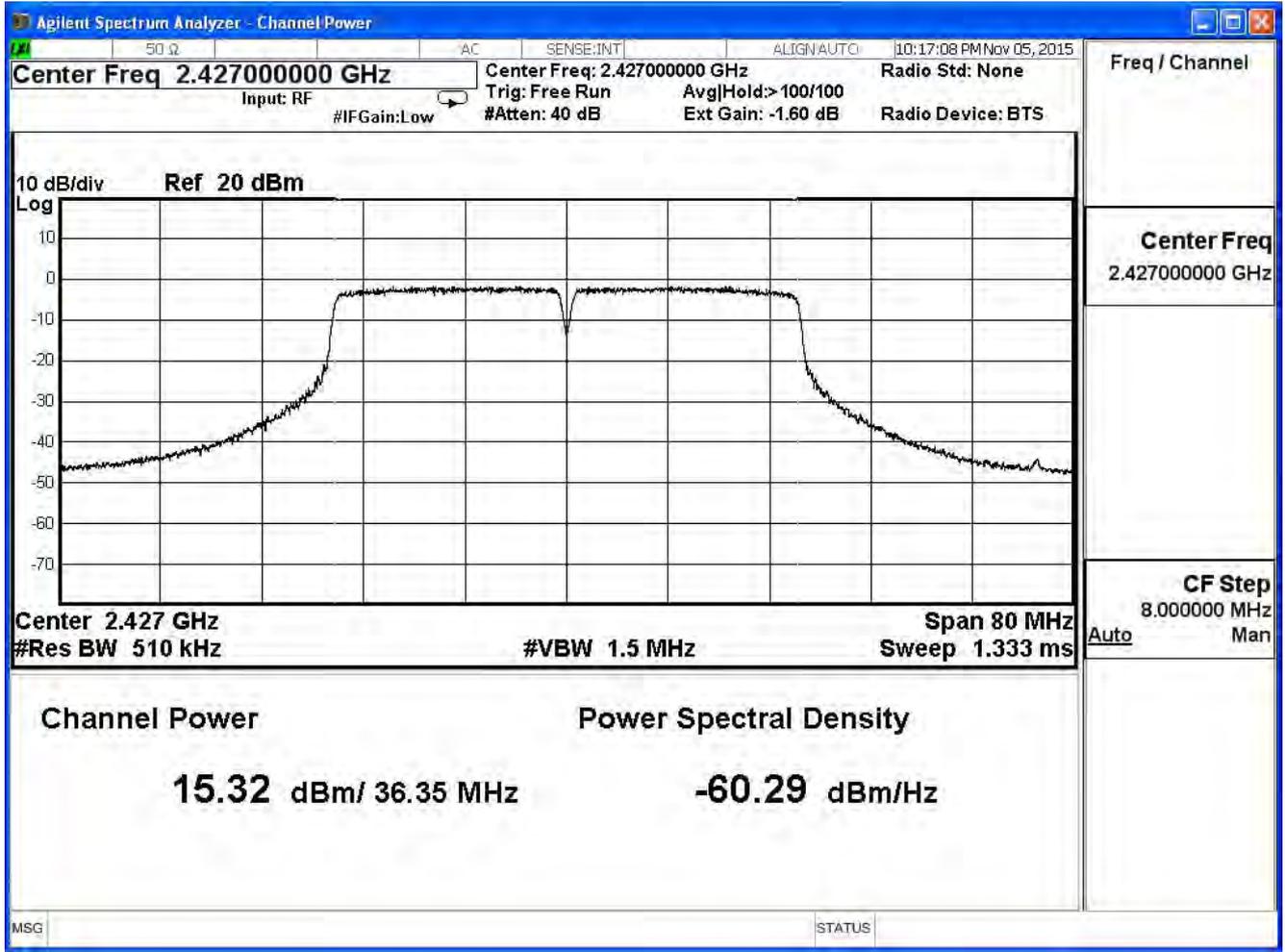
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	10.76	--	--	--	--	--	--	--	≤ 30
4	2427	15.32	--	--	--	--	--	--	--	≤ 30
6	2437	17.48	17.28	17.08	16.82	16.62	16.38	16.26	16.02	≤ 30
8	2447	15.11	--	--	--	--	--	--	--	≤ 30
9	2452	10.65	--	--	--	--	--	--	--	≤ 30

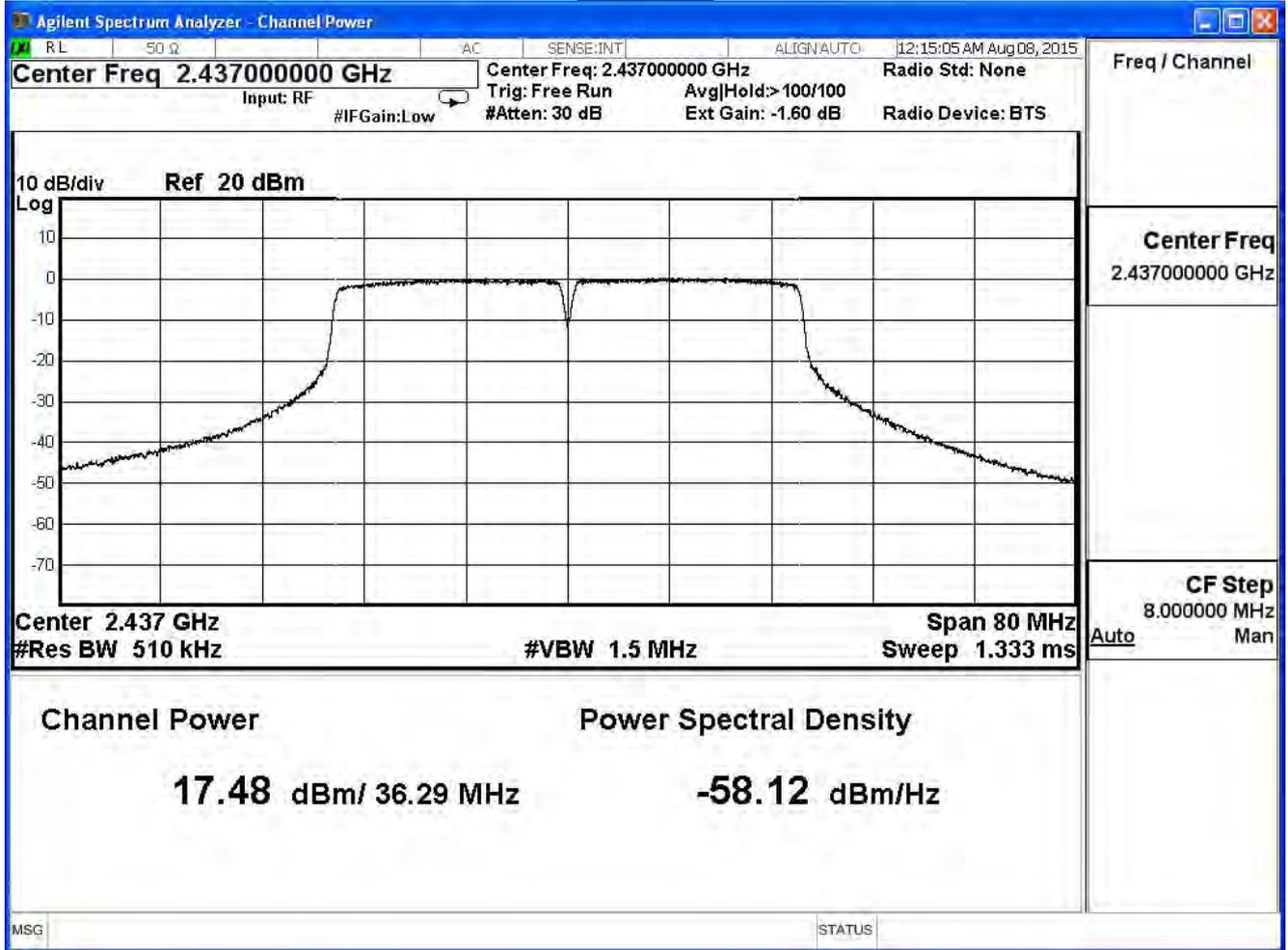
Channel 3



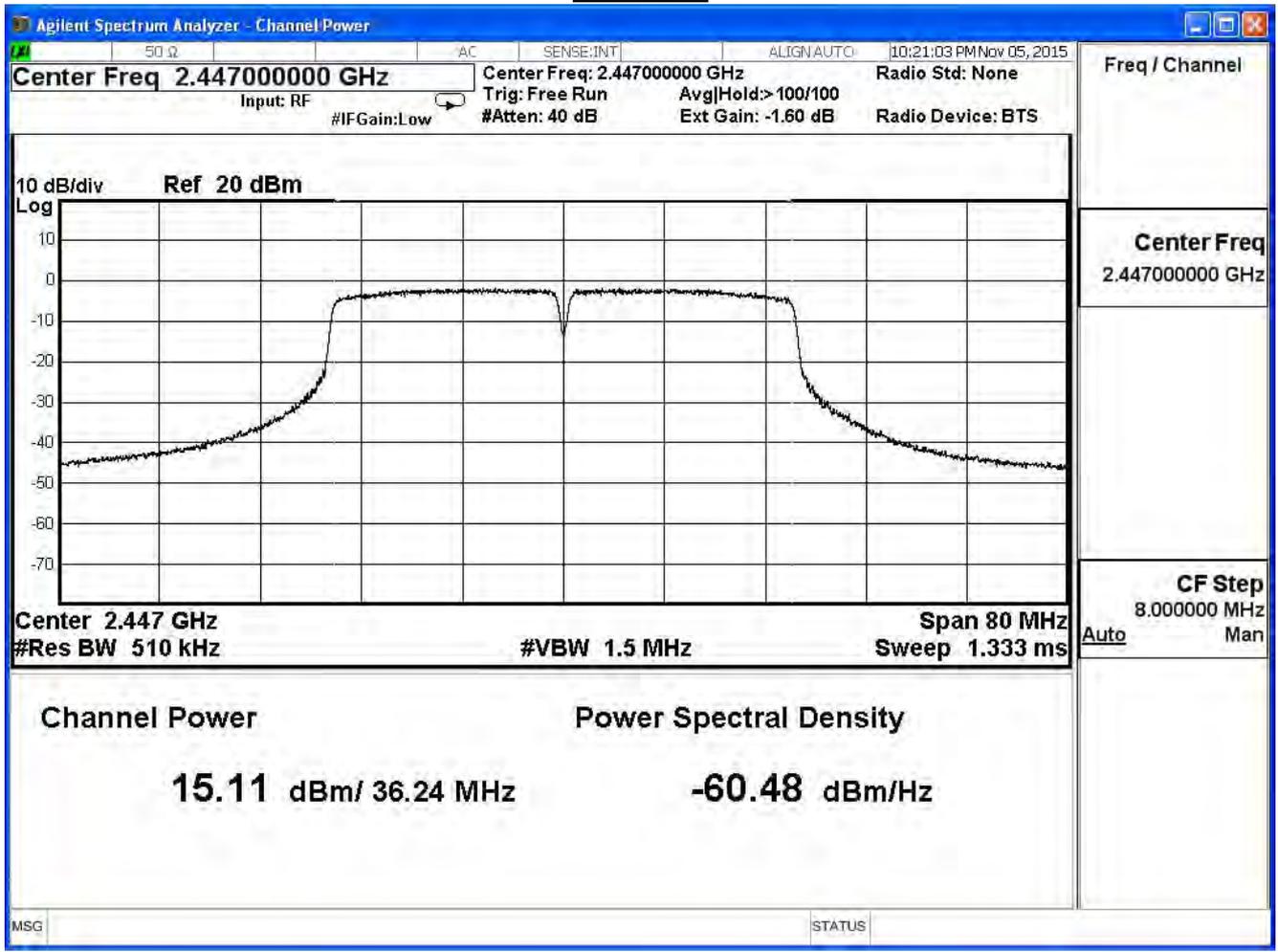
Channel 4



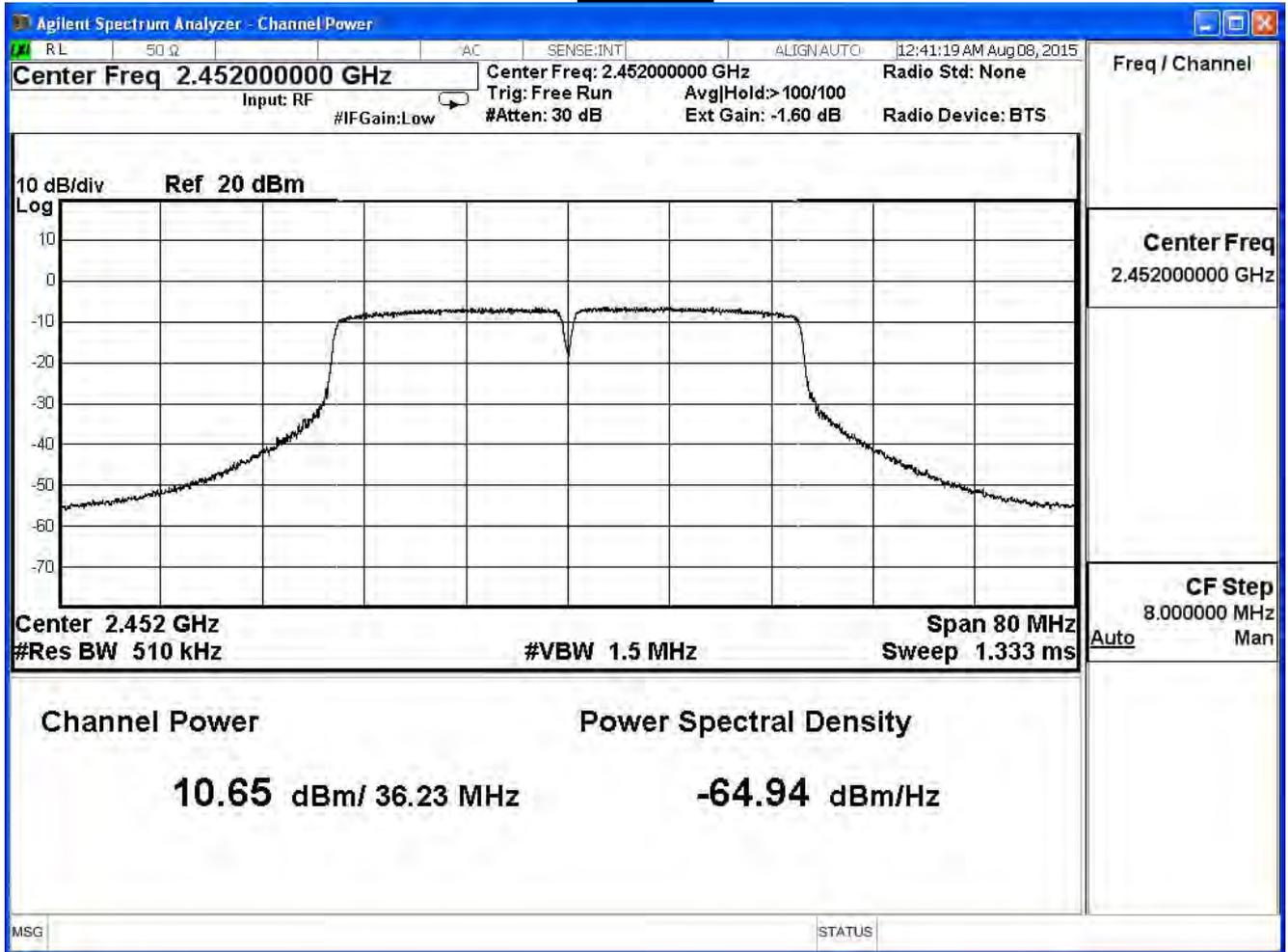
Channel 6



Channel 8



Channel 9



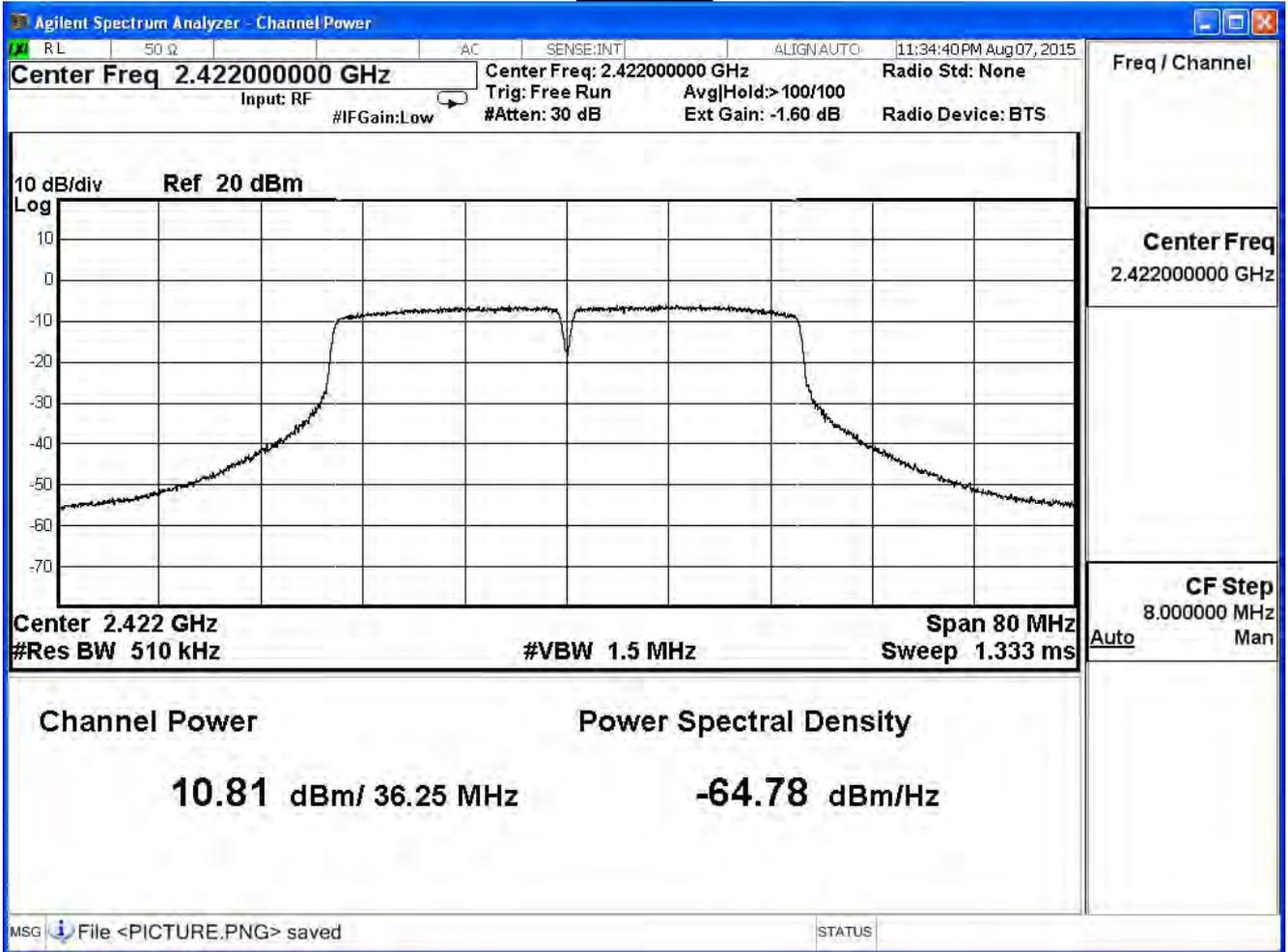
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_40M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	10.81	≤ 30
4	2427	14.95	≤ 30
6	2437	17.67	≤ 30
8	2447	14.90	≤ 30
9	2452	10.56	≤ 30

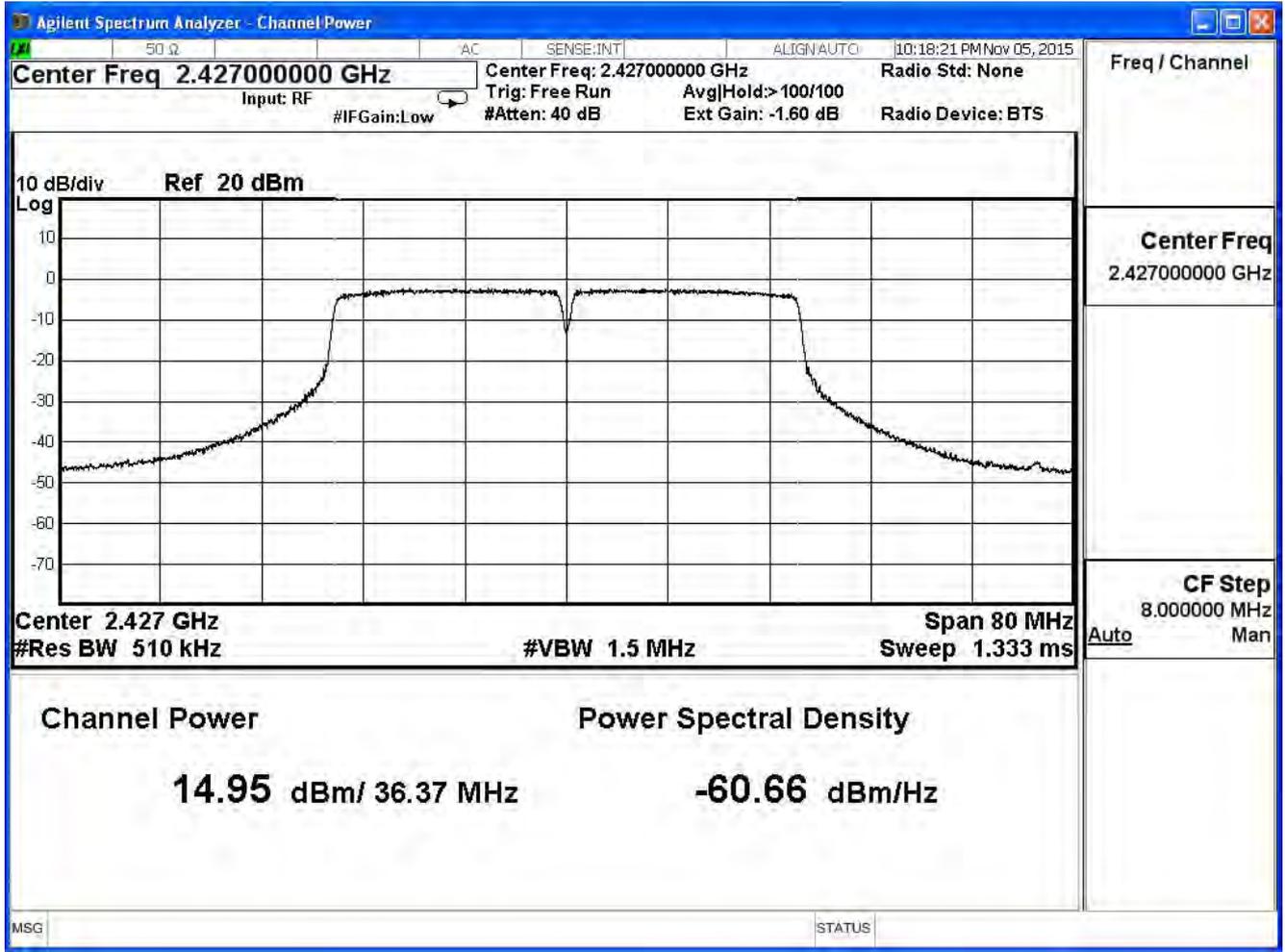
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	10.81	--	--	--	--	--	--	--	≤ 30
4	2427	14.95	--	--	--	--	--	--	--	≤ 30
6	2437	17.67	17.57	17.46	17.26	17.14	16.90	16.66	16.54	≤ 30
8	2447	14.90	--	--	--	--	--	--	--	≤ 30
9	2452	10.56	--	--	--	--	--	--	--	≤ 30

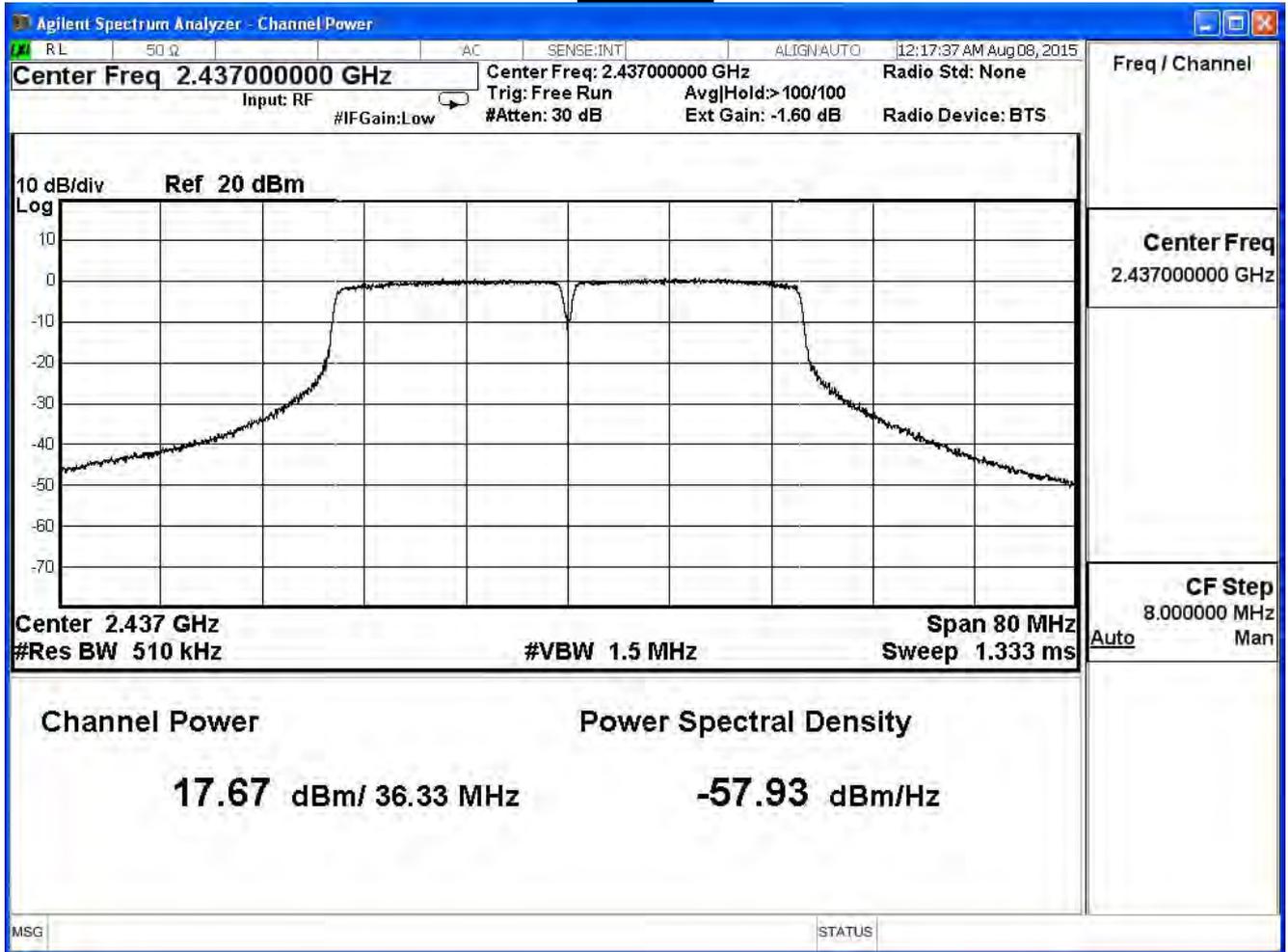
Channel 3



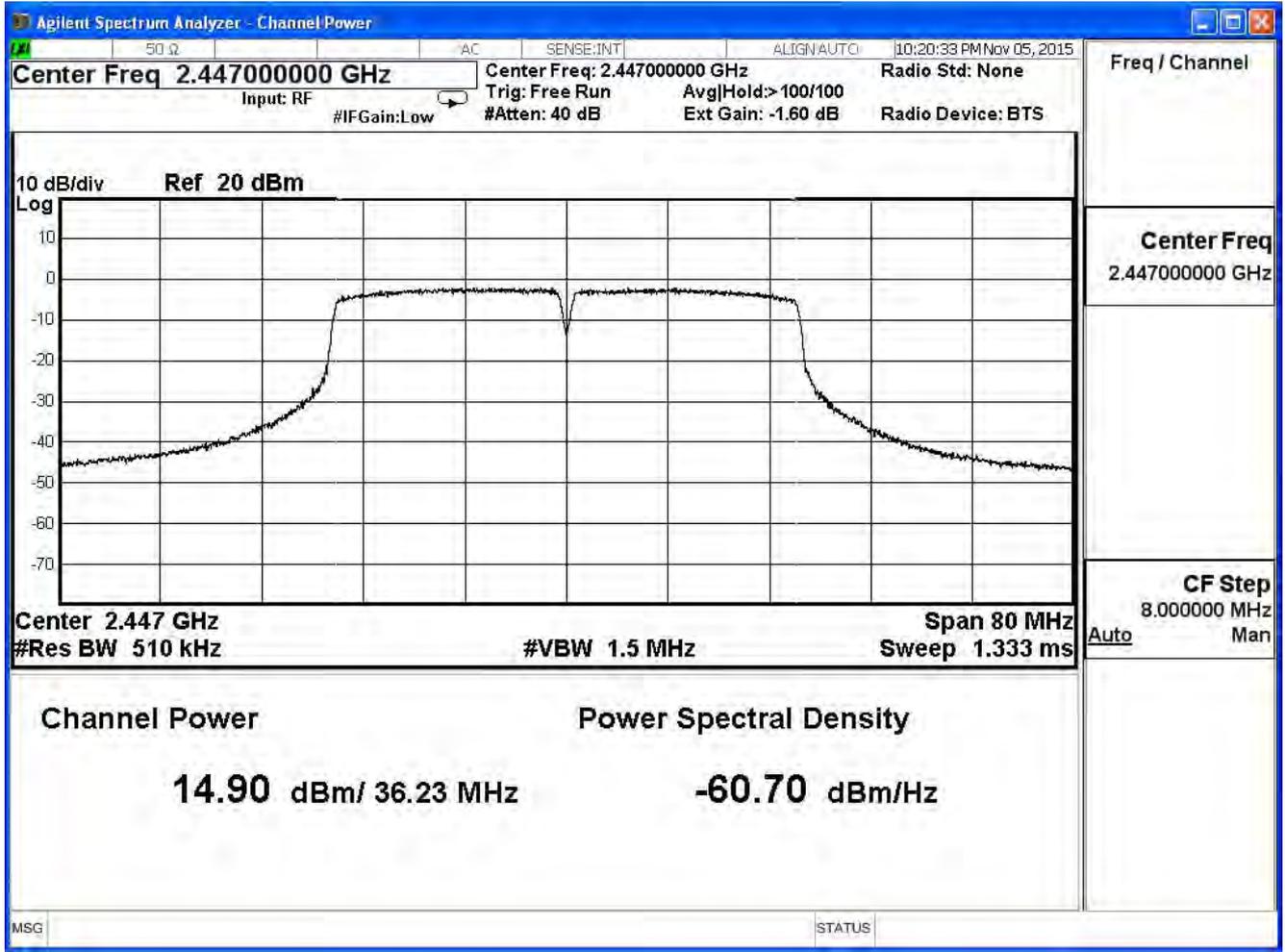
Channel 4



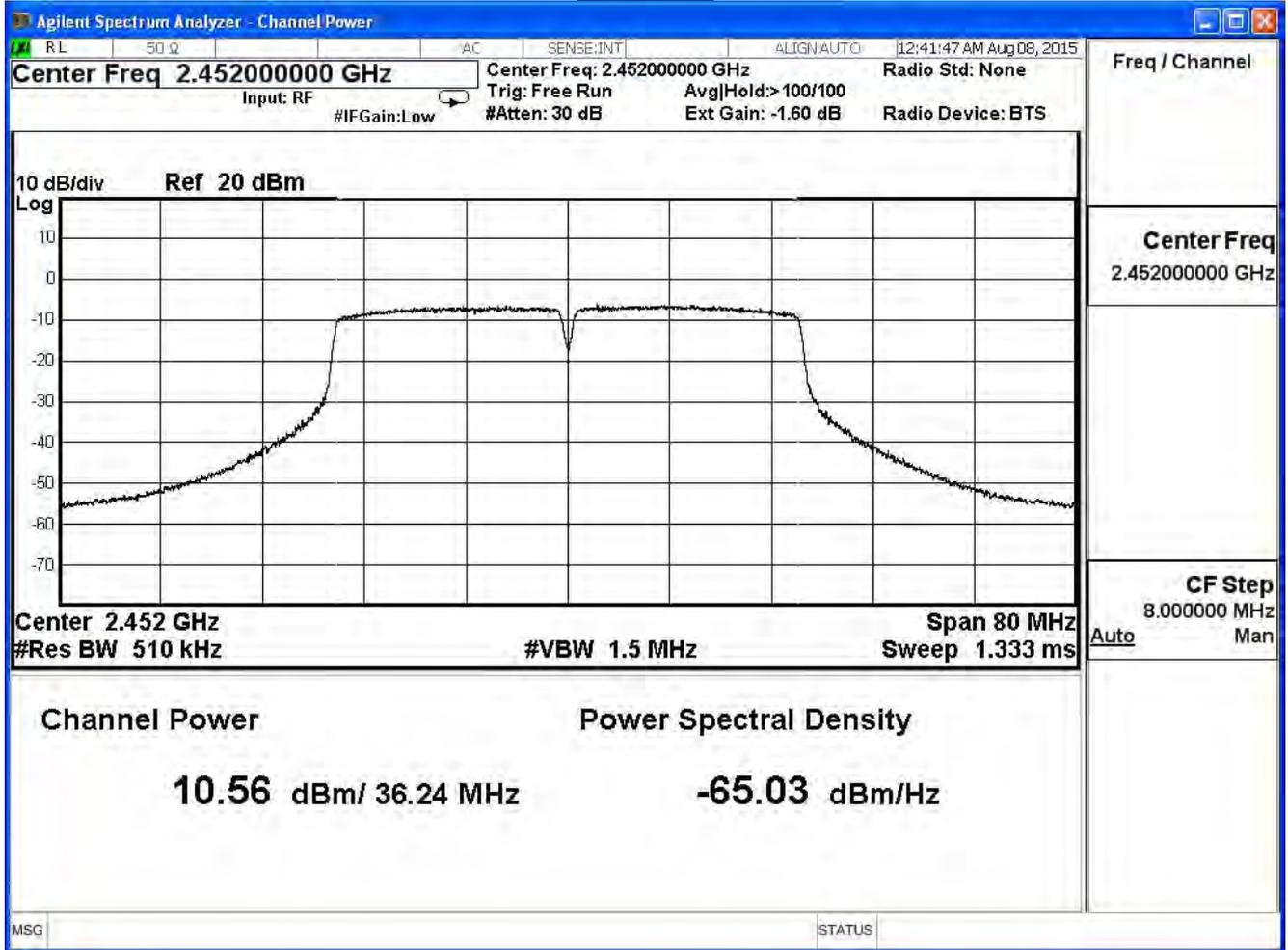
Channel 6



Channel 8



Channel 9



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_40M (ANT 0+1+2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.56	≤ 30
4	2427	20.01	≤ 30
6	2437	22.38	≤ 30
8	2447	19.93	≤ 30
9	2452	15.30	≤ 30

The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	15.56	--	--	--	--	--	--	--	≤ 30
4	2427	20.01	--	--	--	--	--	--	--	≤ 30
6	2437	22.38	22.22	22.08	21.89	21.76	21.56	21.35	21.15	≤ 30
8	2447	19.93	--	--	--	--	--	--	--	≤ 30
9	2452	15.30	--	--	--	--	--	--	--	≤ 30

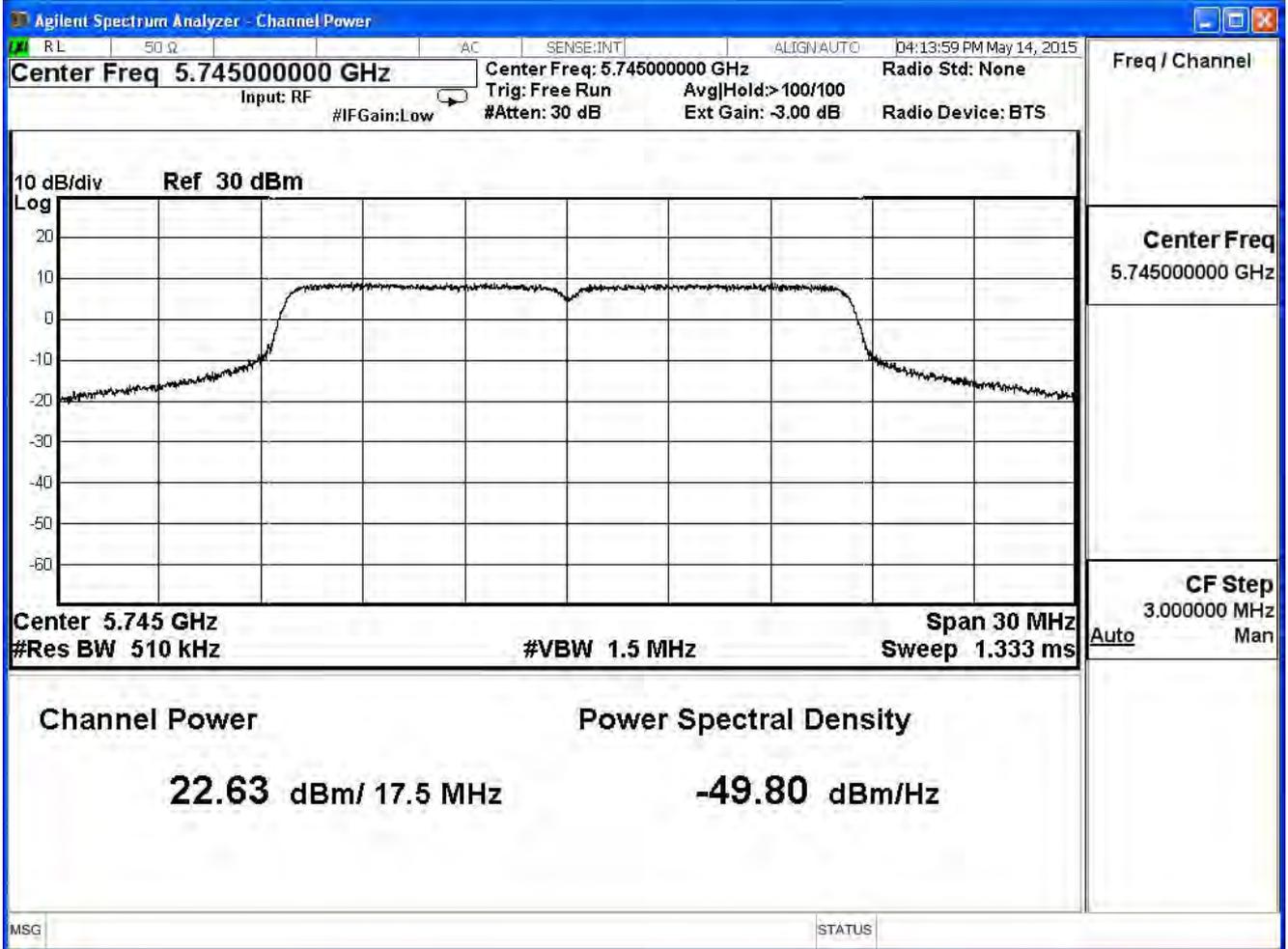
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	22.63	≤ 30
157	5785	22.78	≤ 30
165	5825	22.73	≤ 30

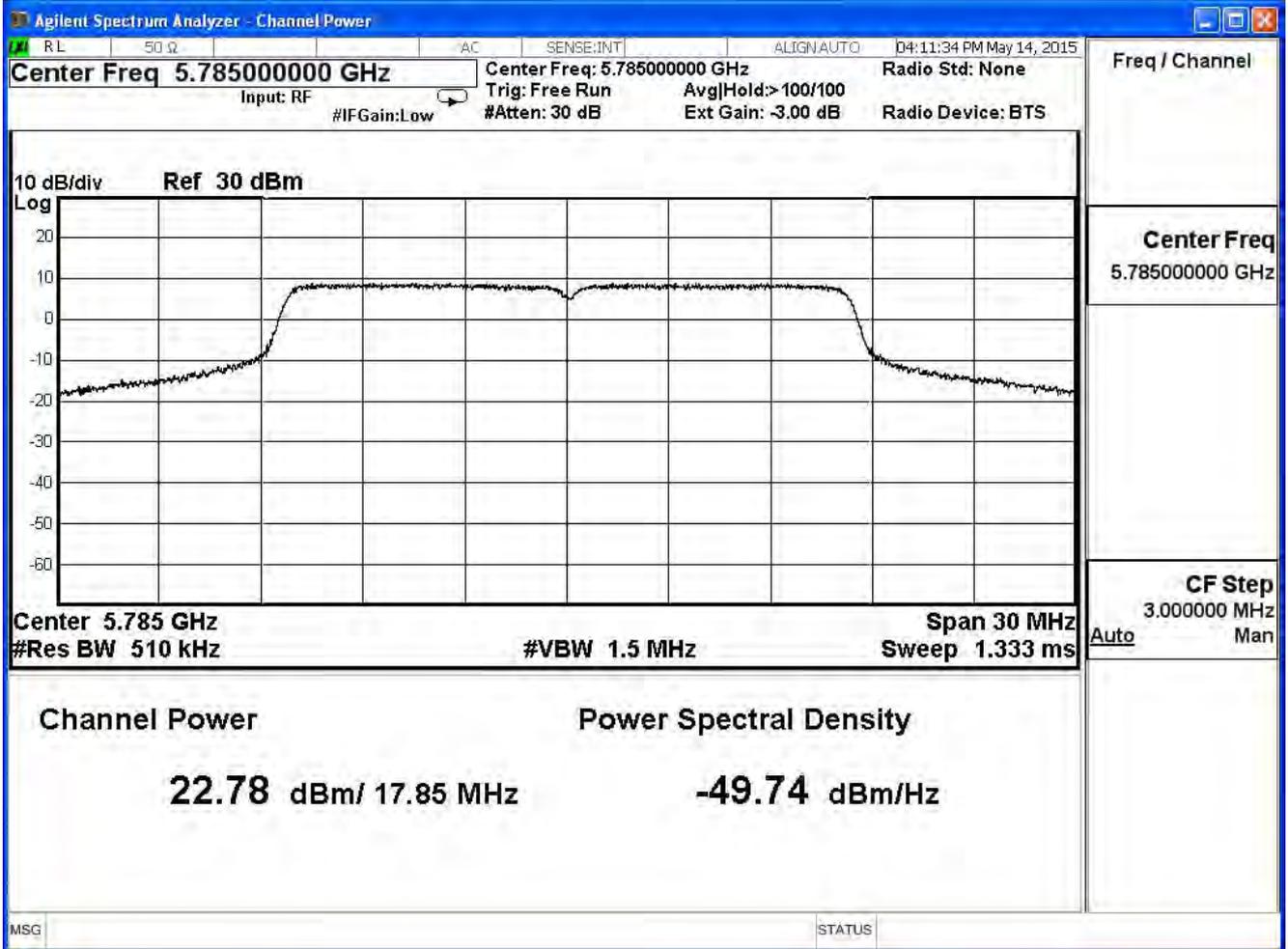
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit (dBm)
		6	12	18	24	36	48	54	
149	5745	22.63	--	--	--	--	--	--	30dBm
157	5785	22.78	22.66	22.06	21.86	21.75	21.63	21.41	30dBm
165	5825	22.73	--	--	--	--	--	--	30dBm

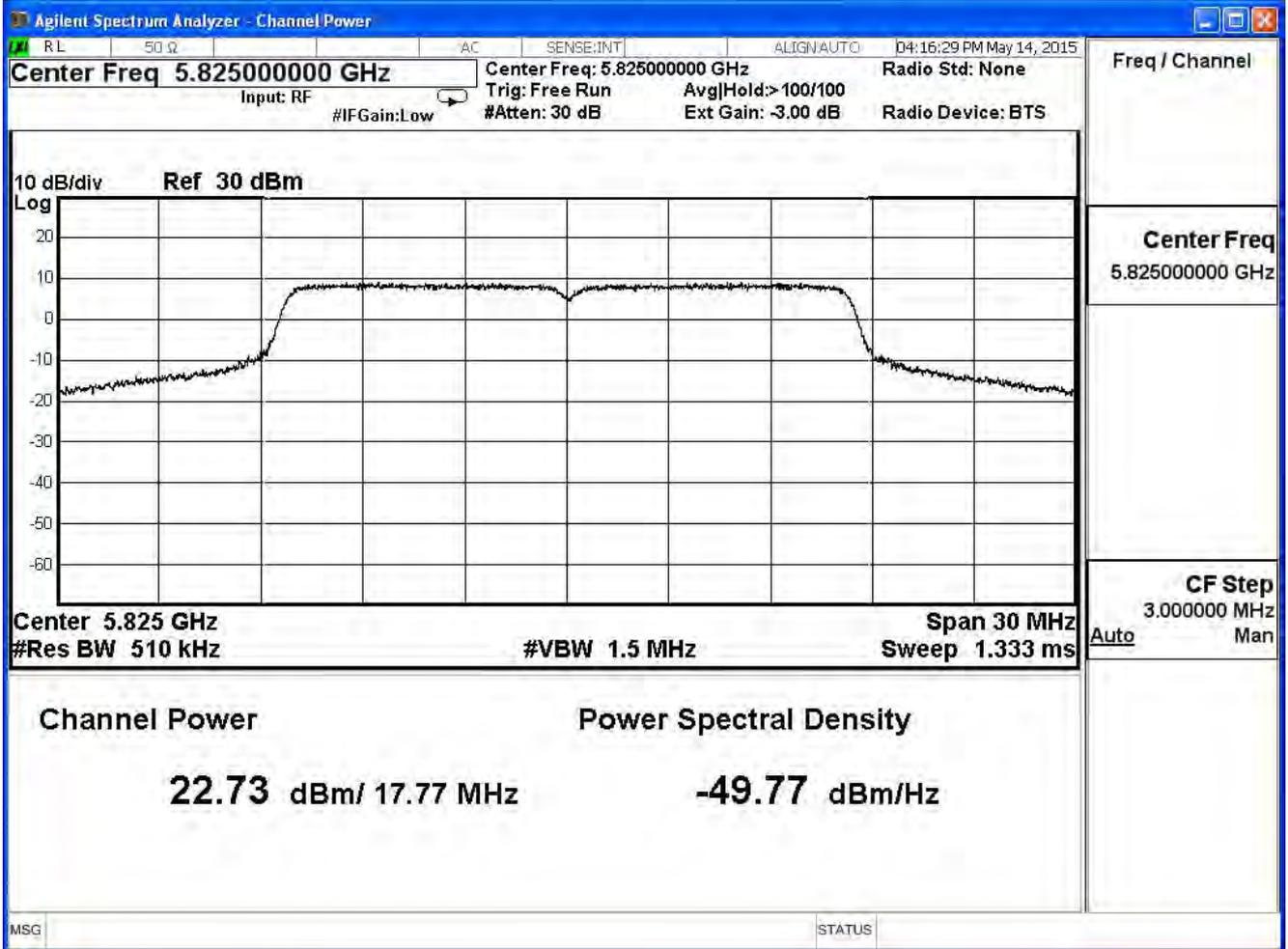
Channel 149



Channel 157



Channel 165



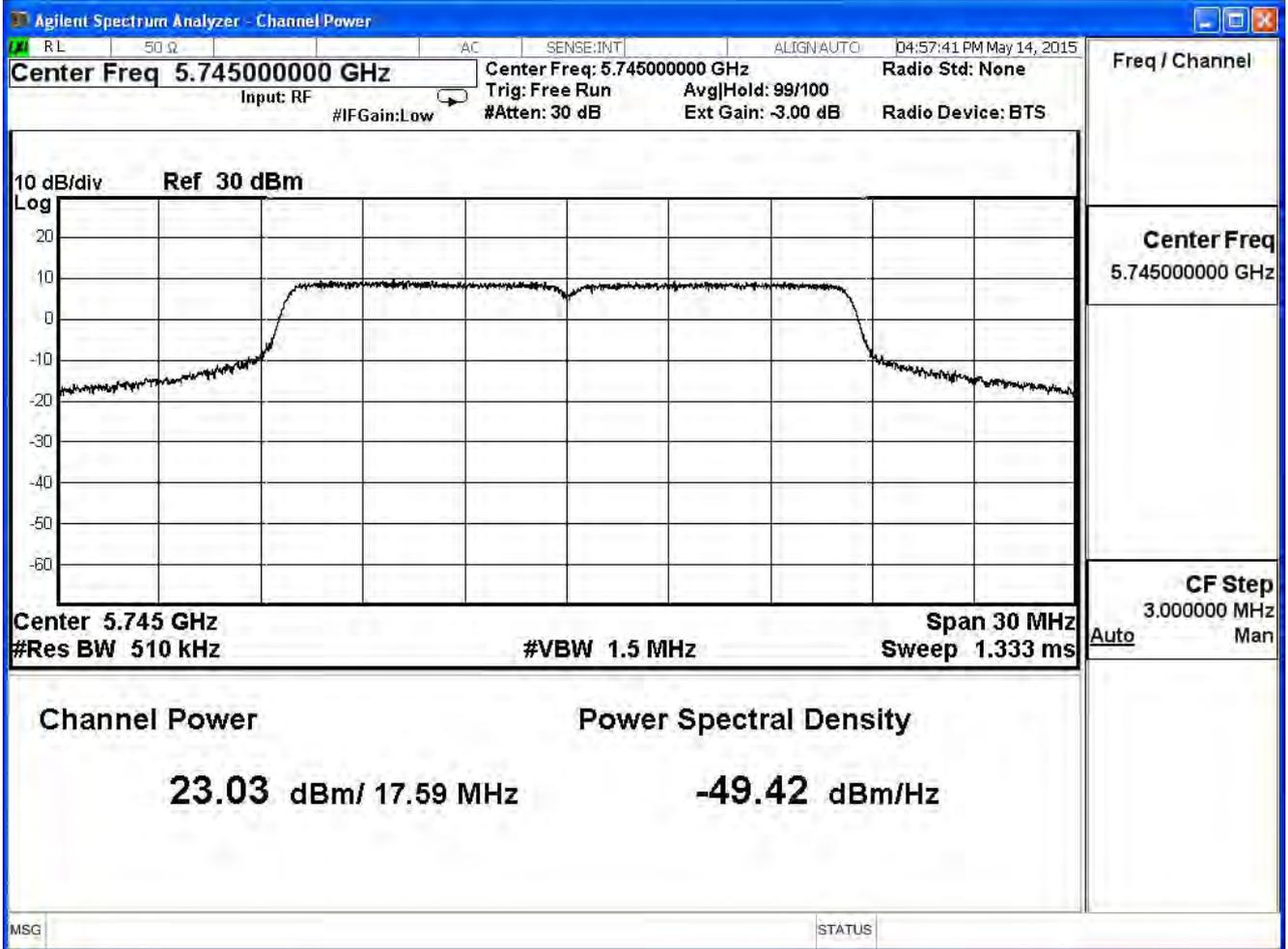
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	23.03	≤ 30
157	5785	23.43	≤ 30
165	5825	23.11	≤ 30

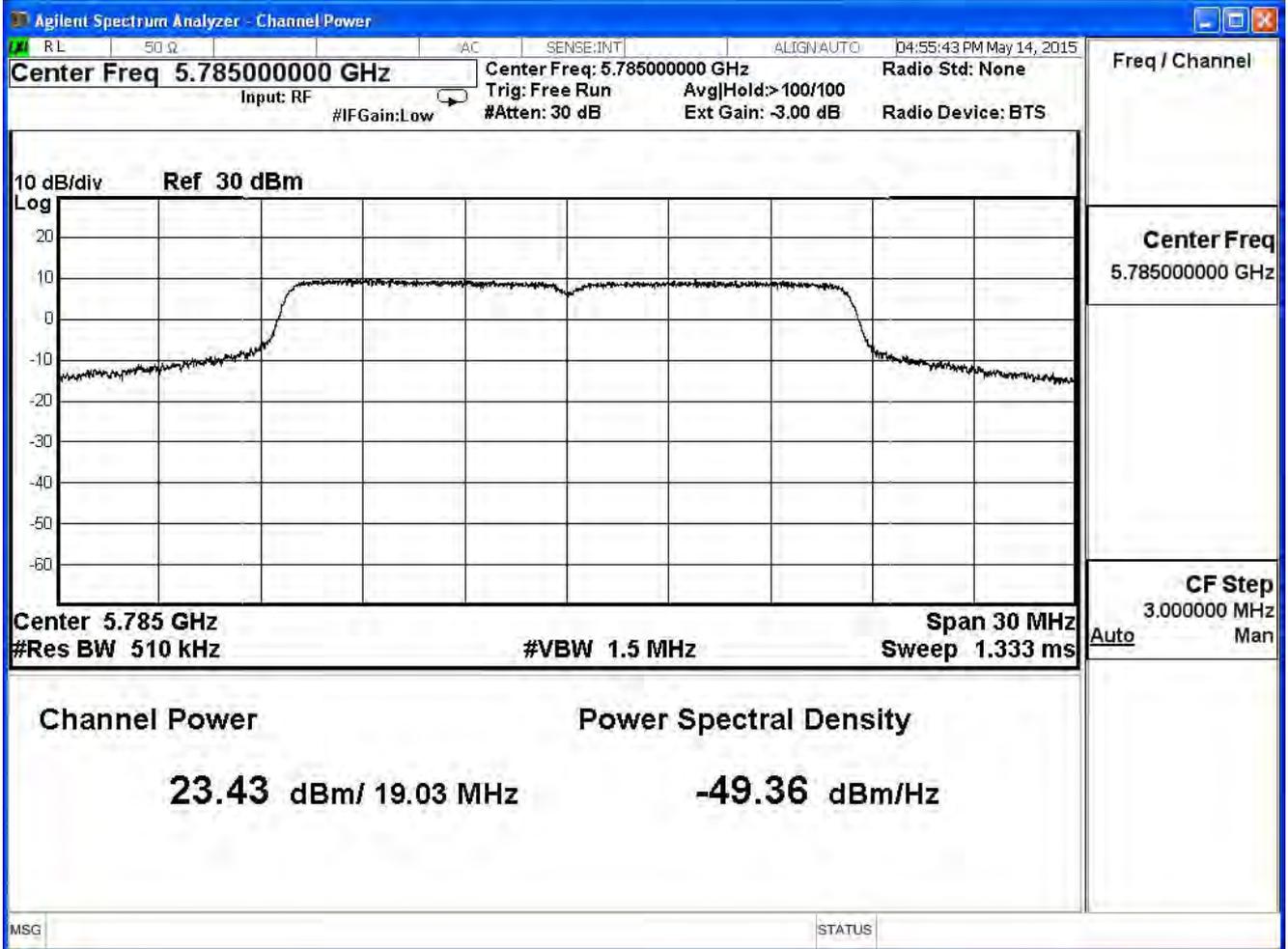
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit (dBm)
		6	12	18	24	36	48	54	
149	5745	23.03	--	--	--	--	--	--	30dBm
157	5785	23.43	23.31	23.19	23.09	23.00	22.87	22.75	30dBm
165	5825	23.11	--	--	--	--	--	--	30dBm

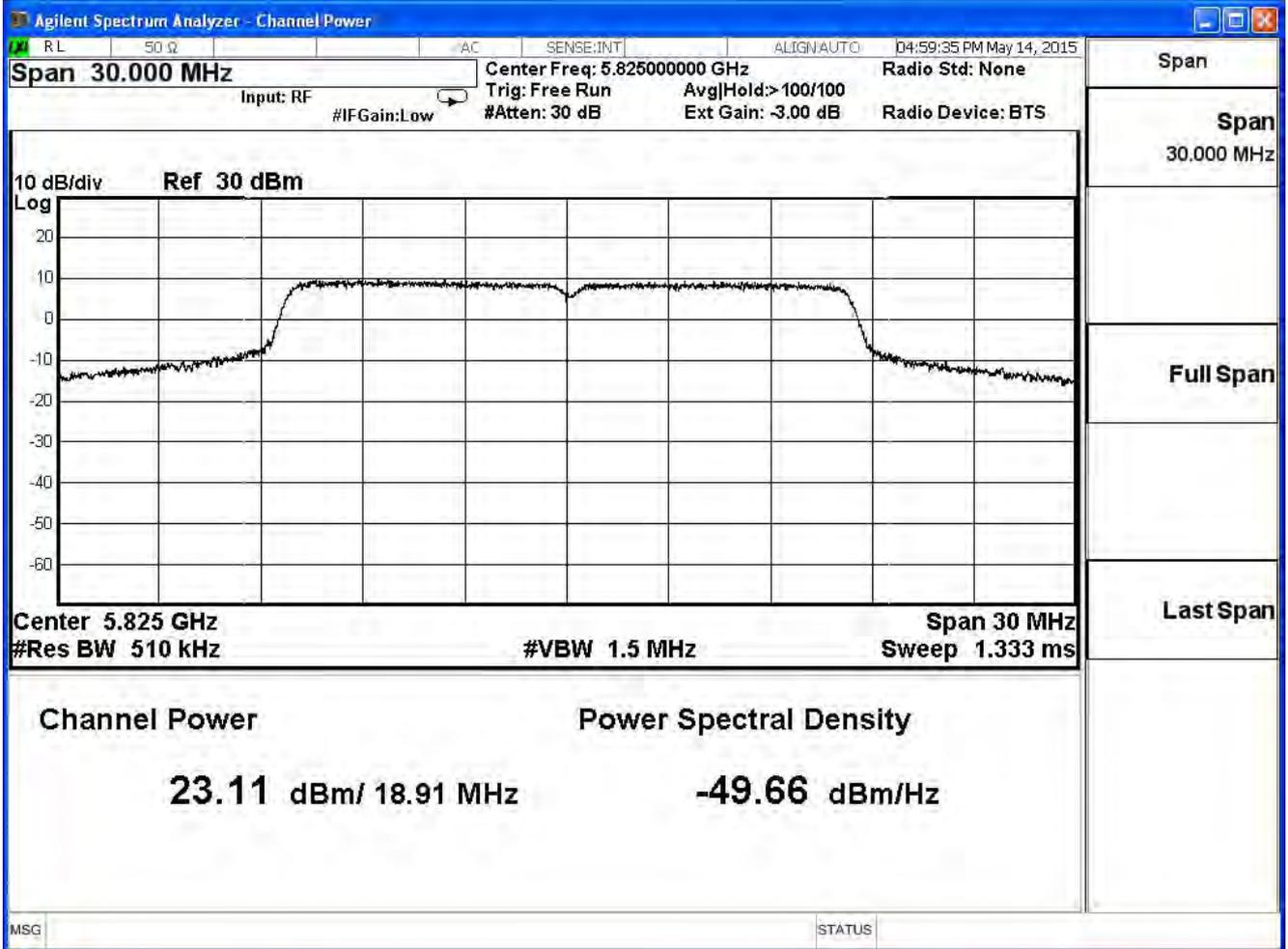
Channel 149



Channel 157



Channel 165



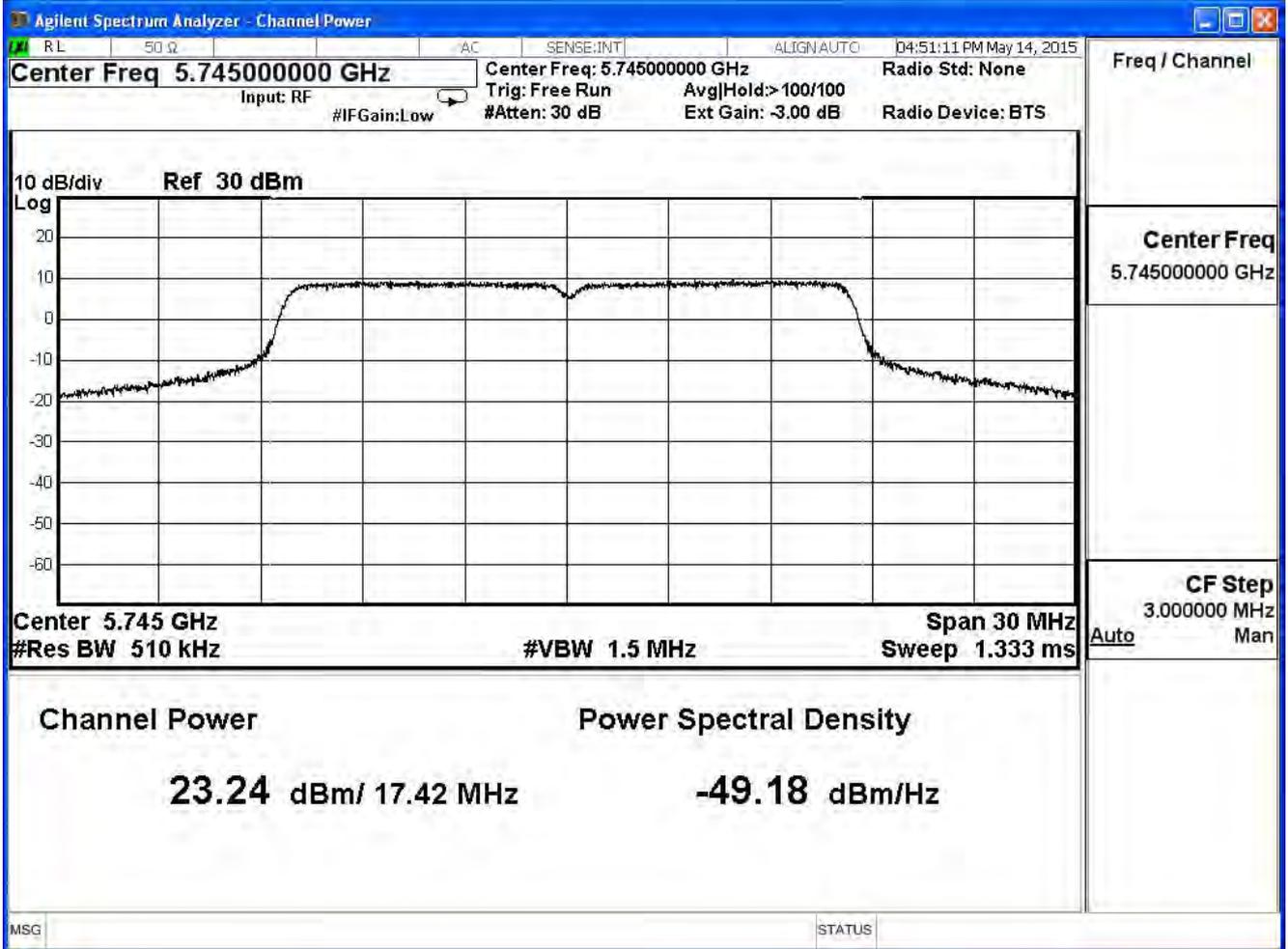
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	23.24	≤ 30
157	5785	23.12	≤ 30
165	5825	22.74	≤ 30

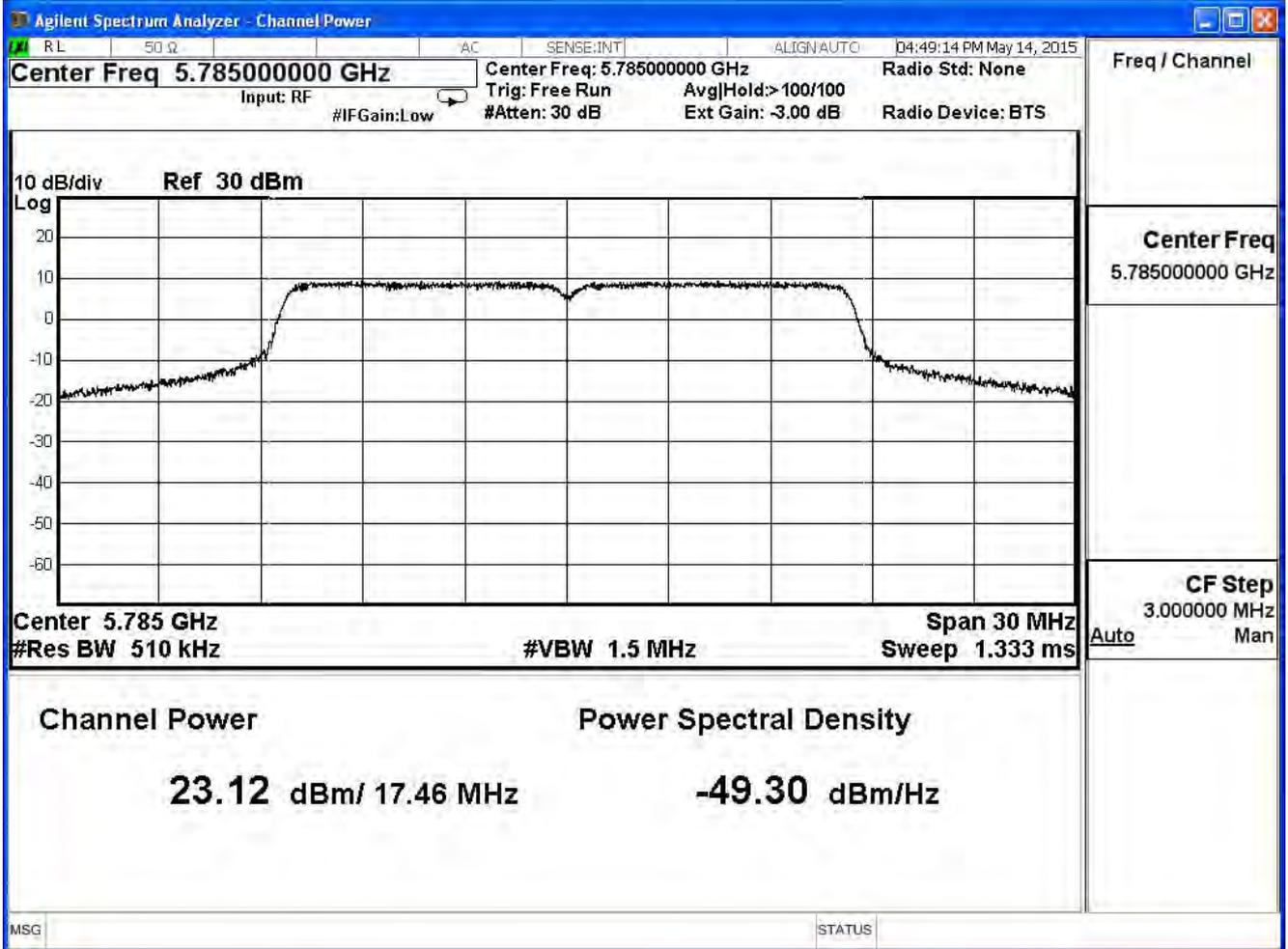
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit (dBm)
		6	12	18	24	36	48	54	
149	5745	23.24	--	--	--	--	--	--	30dBm
157	5785	23.12	22.92	22.84	22.72	22.62	22.52	22.32	30dBm
165	5825	22.74	--	--	--	--	--	--	30dBm

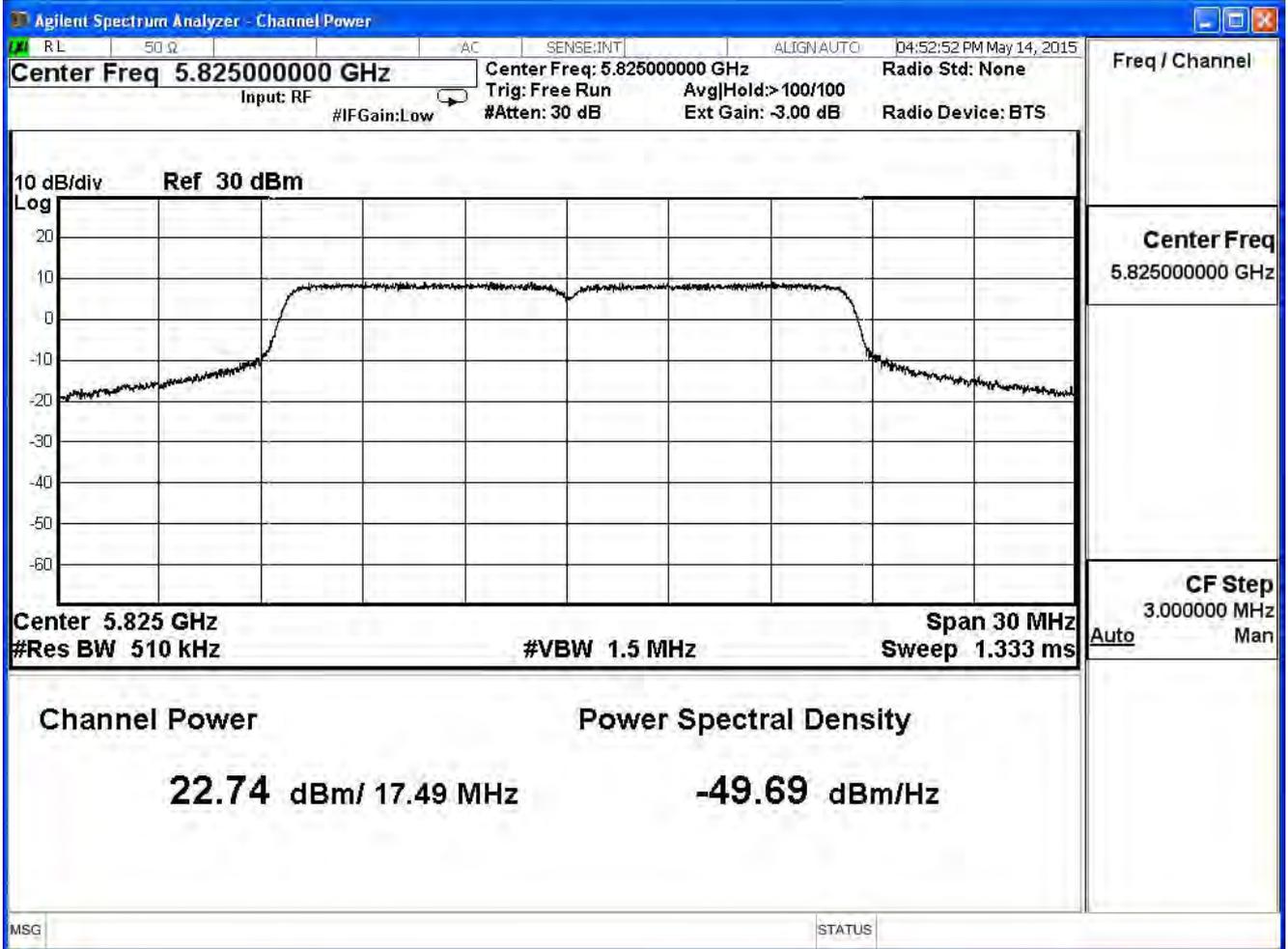
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	27.75	≤ 30
157	5785	27.89	≤ 30
165	5825	27.63	≤ 30

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit (dBm)
		6	12	18	24	36	48	54	
149	5745	27.75	--	--	--	--	--	--	30dBm
157	5785	27.89	27.74	27.49	27.36	27.26	27.14	26.97	30dBm
165	5825	27.63	--	--	--	--	--	--	30dBm

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

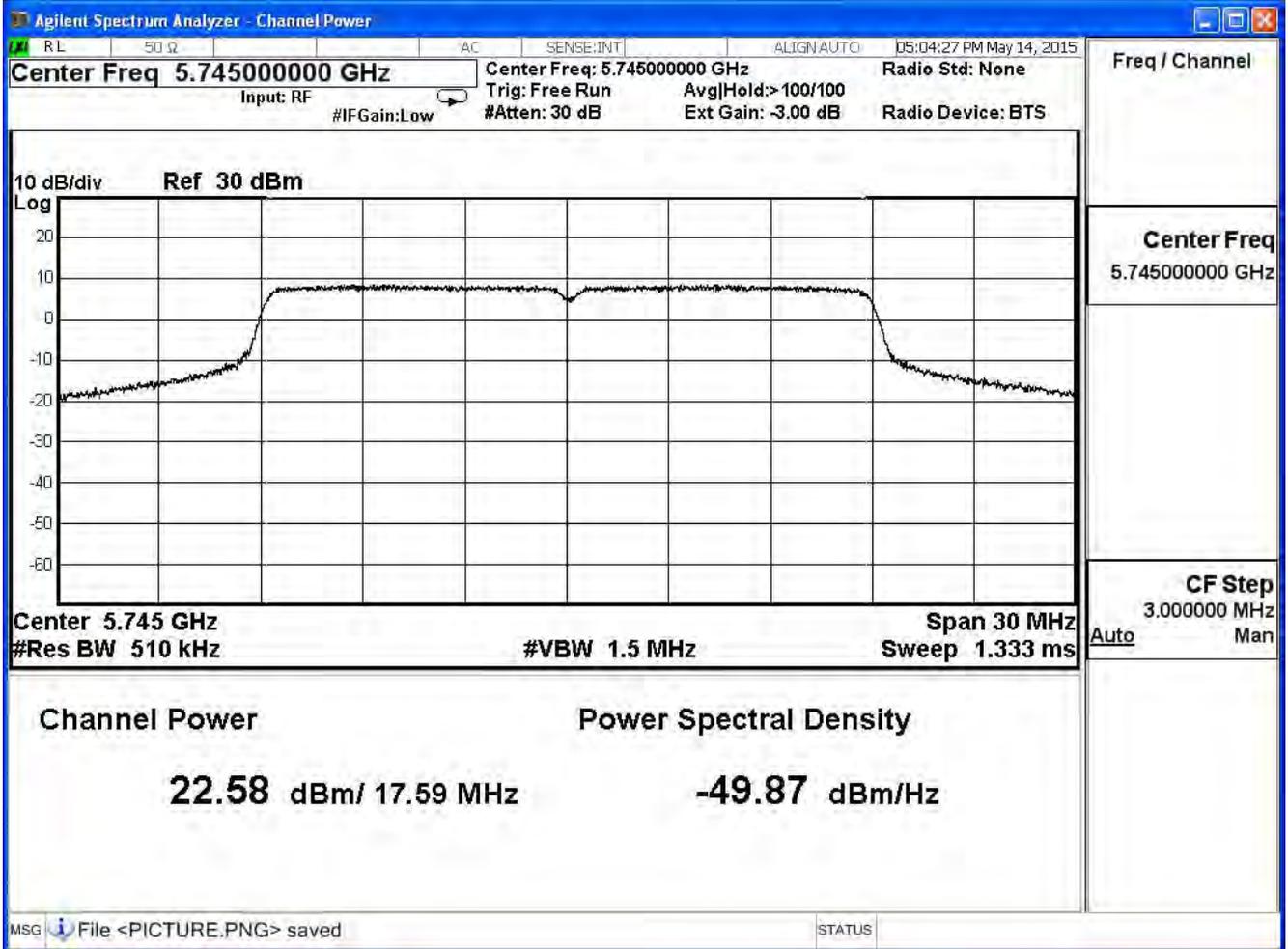
IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	22.58	≤ 30
157	5785	22.78	≤ 30
165	5825	22.70	≤ 30

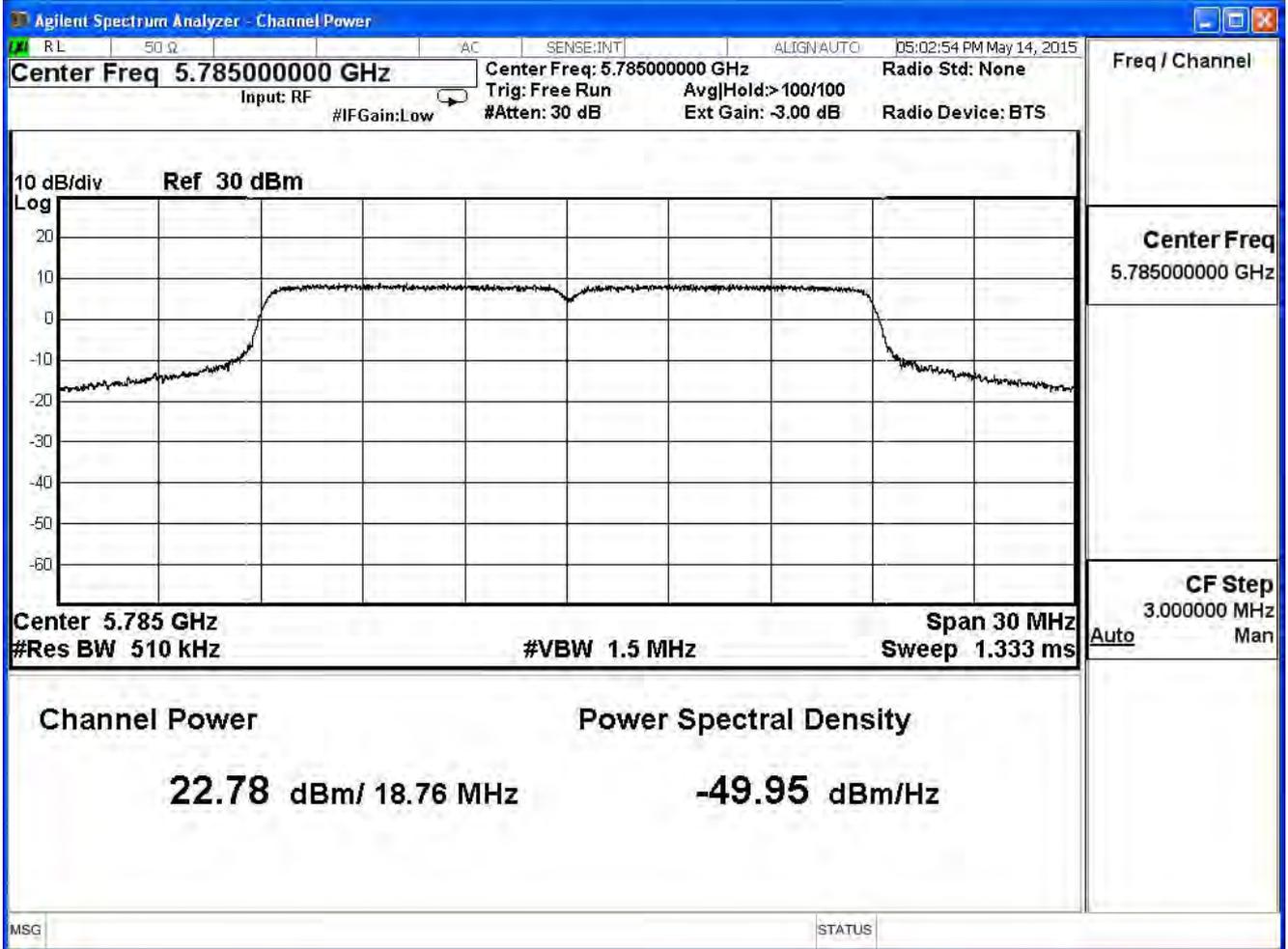
The worst emission of data rate is 6.5 Mbps.

		Peak Power Output (dBm)								Required Limit (dBm)
MCS Index		0	1	2	3	4	5	6	7	
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	22.58	--	--	--	--	--	--	--	30dBm
157	5785	22.78	22.56	22.48	22.38	22.14	21.92	21.77	21.65	30dBm
165	5825	22.70	--	--	--	--	--	--	--	30dBm

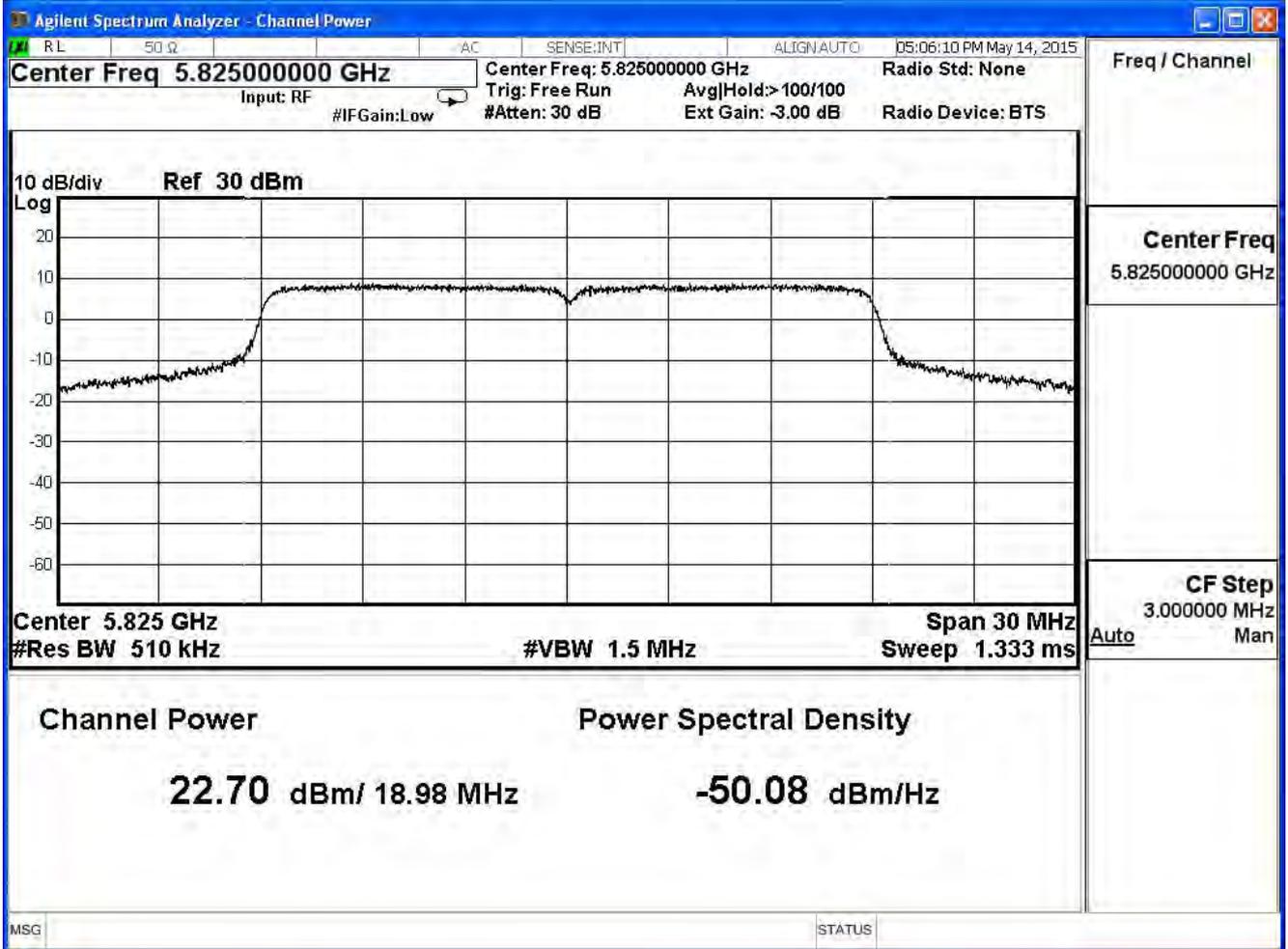
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

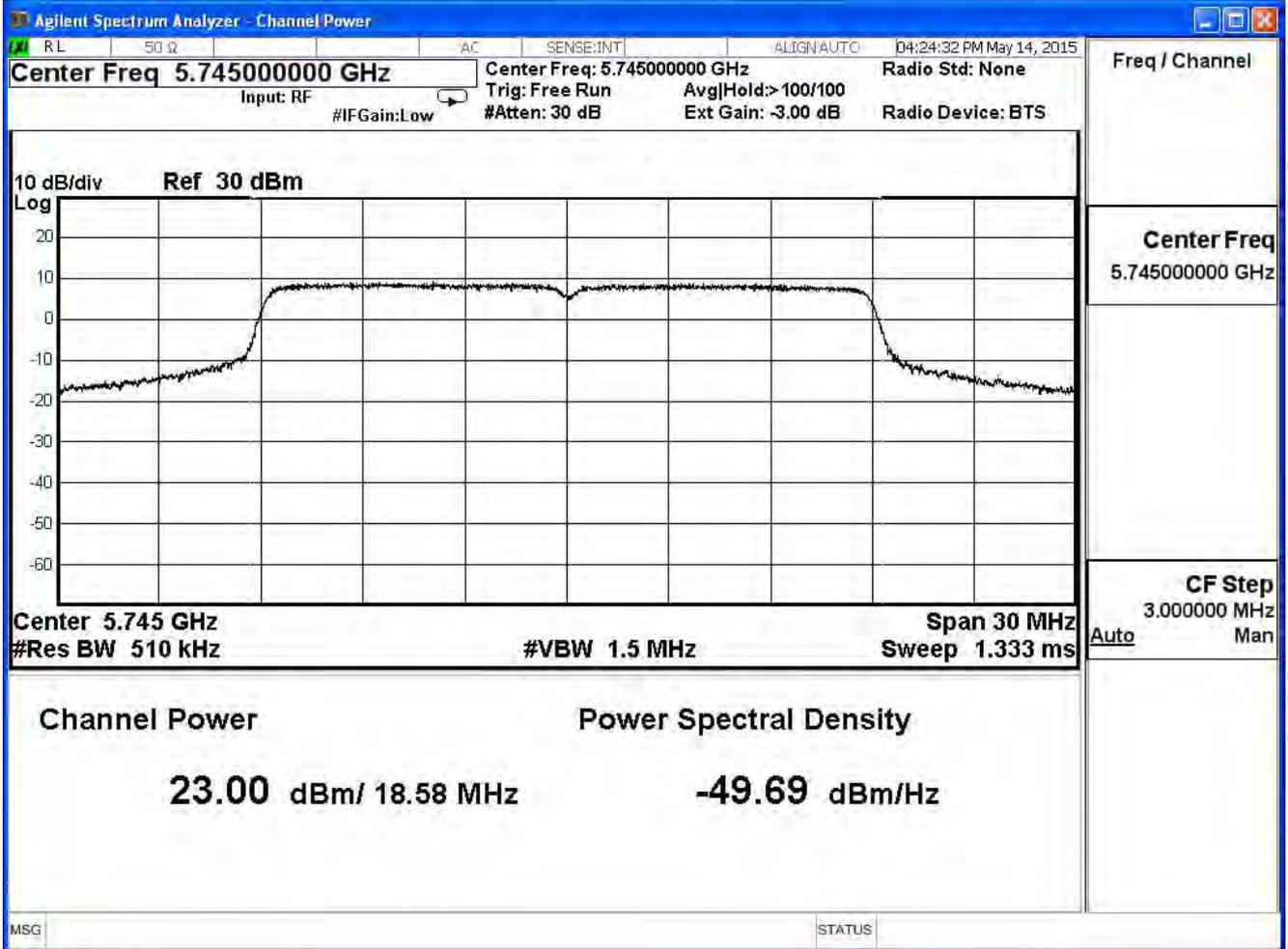
IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	23.00	≤ 30
157	5785	23.33	≤ 30
165	5825	23.02	≤ 30

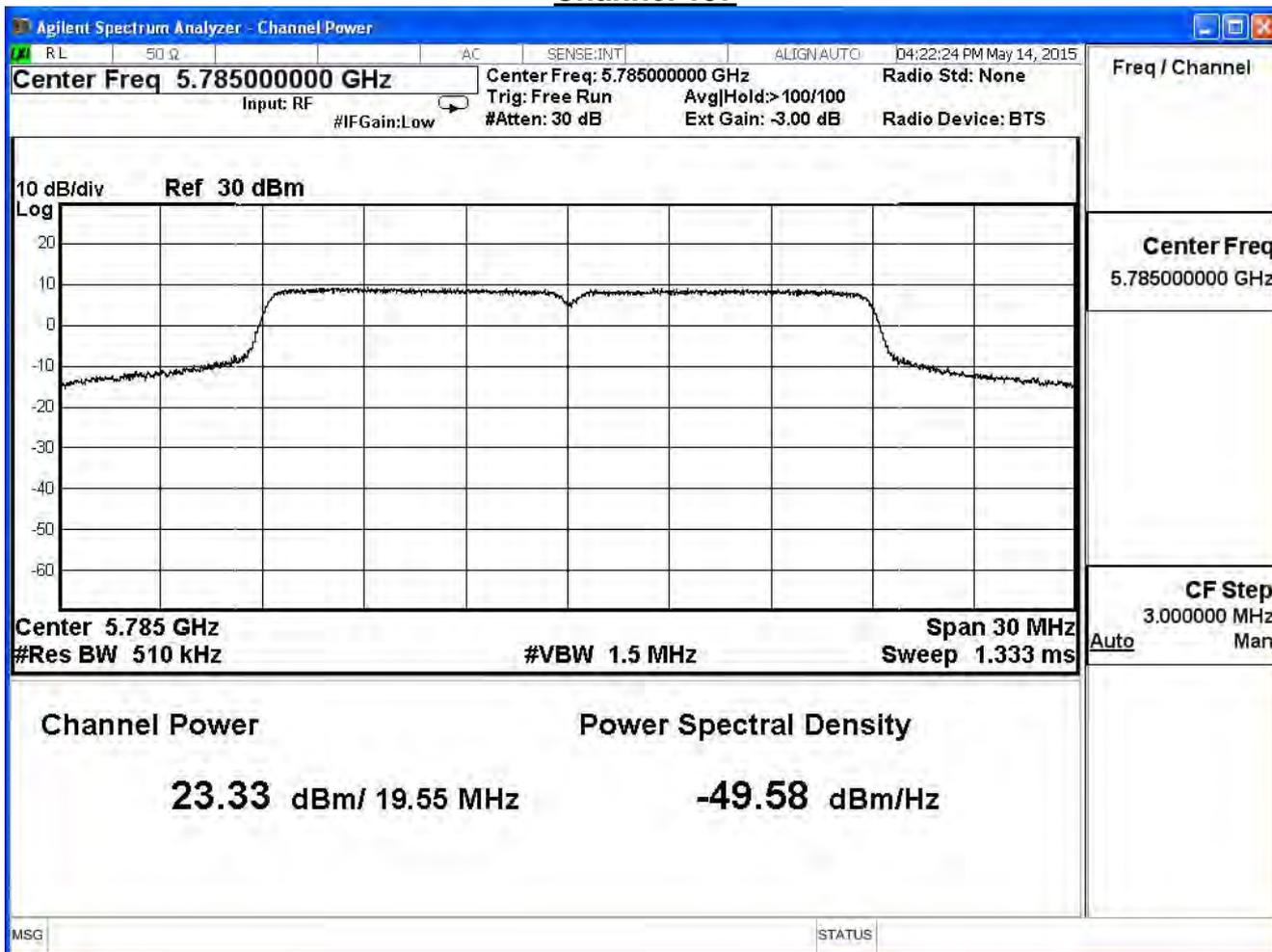
The worst emission of data rate is 6.5Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	23.00	--	--	--	--	--	--	--	30dBm
157	5785	23.33	23.23	22.99	22.83	22.73	22.60	22.36	22.10	30dBm
165	5825	23.02	--	--	--	--	--	--	--	30dBm

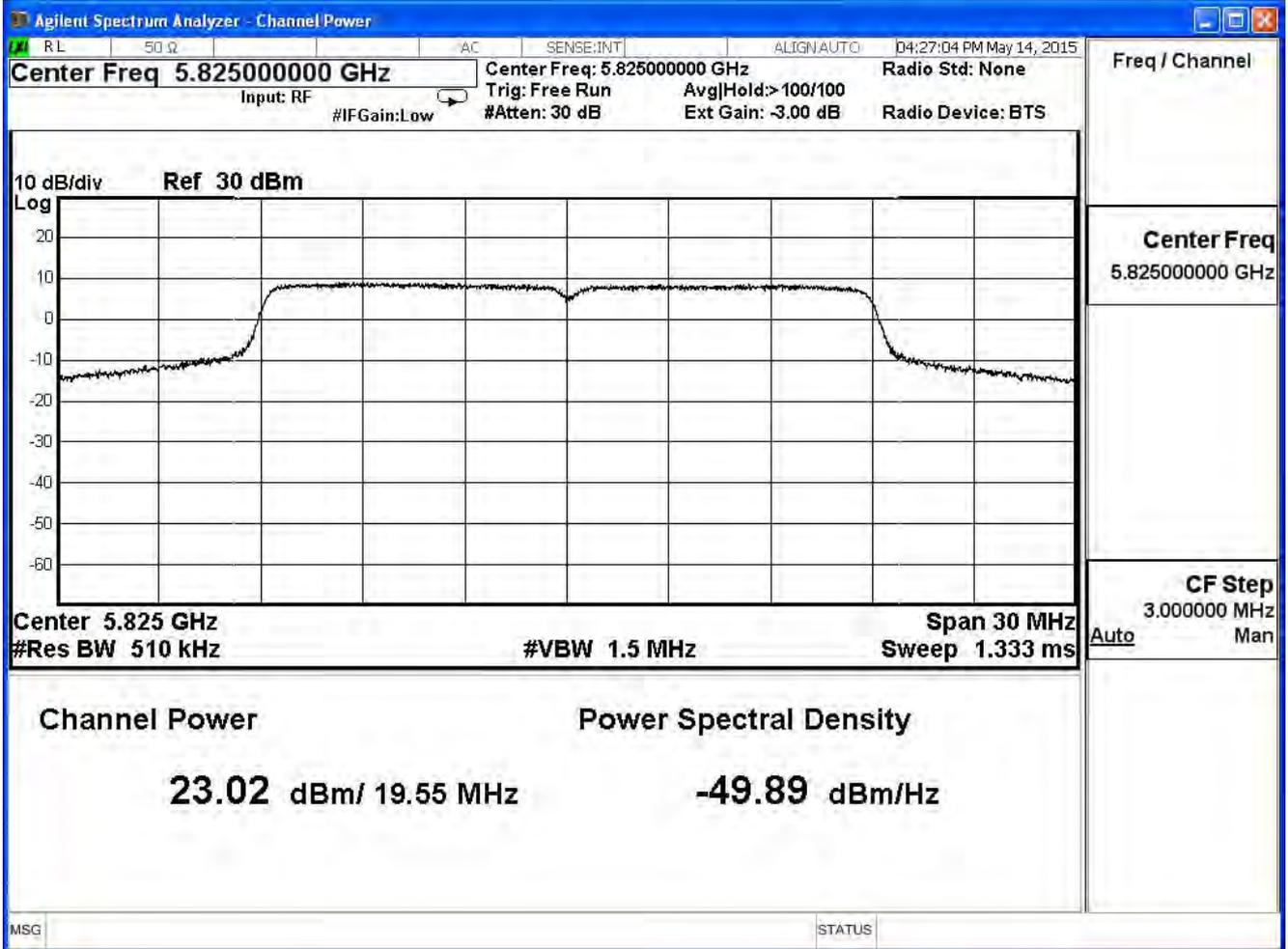
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

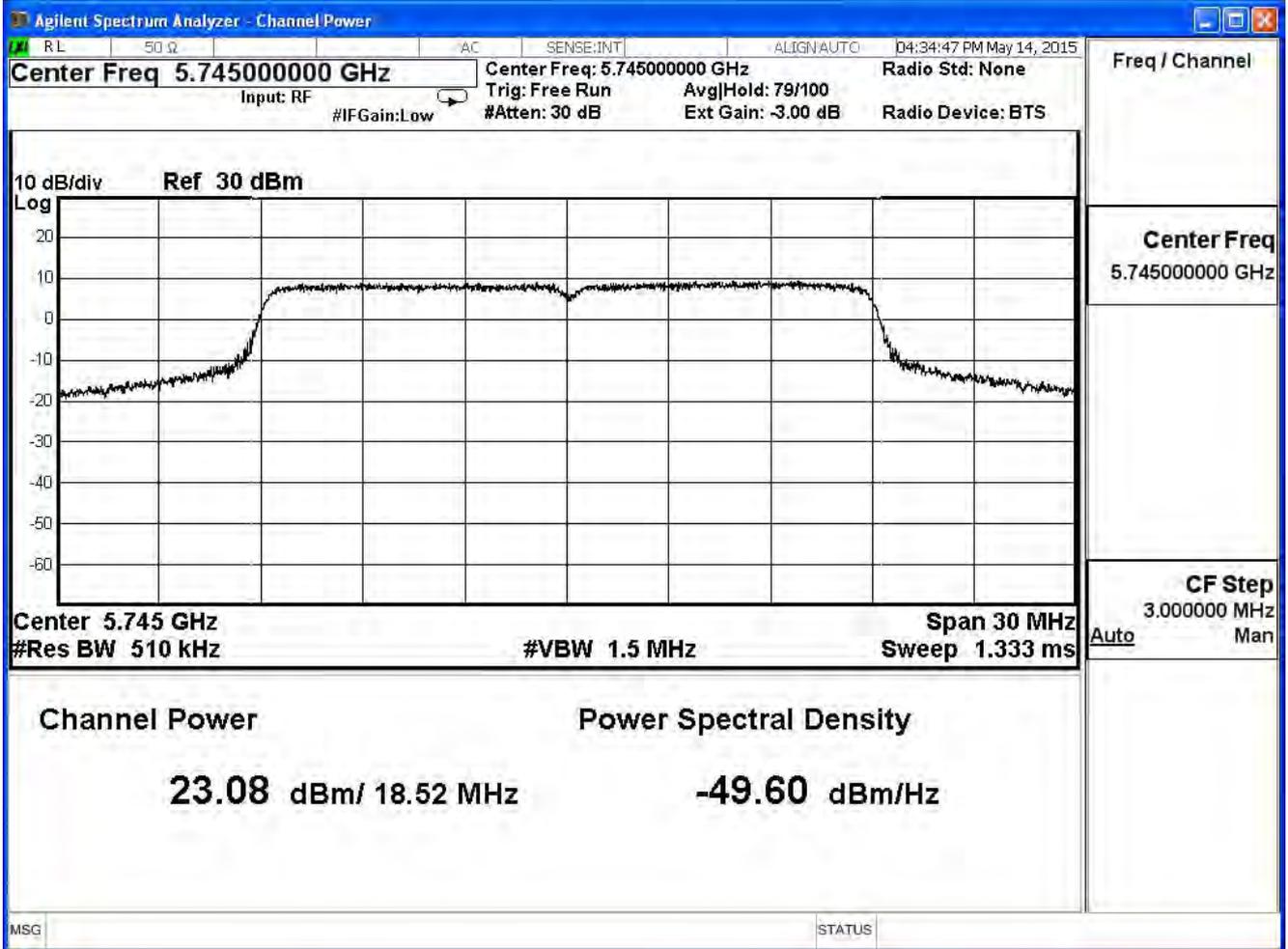
IEEE 802.11n 20MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	23.08	≤ 30
157	5785	22.92	≤ 30
165	5825	22.54	≤ 30

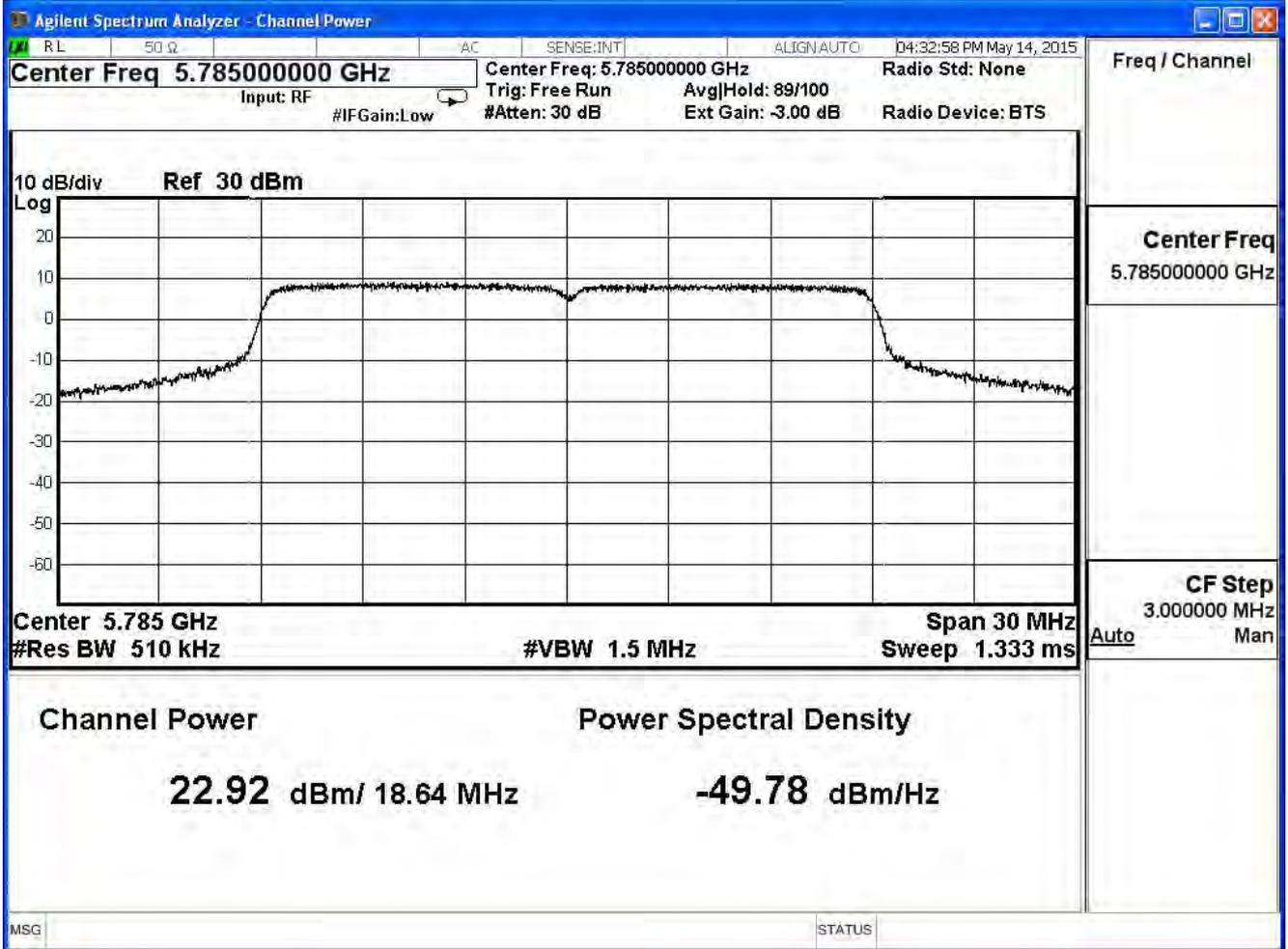
The worst emission of data rate is 6.5Mbps.

		Peak Power Output (dBm)								Required Limit (dBm)
MCS Index		0	1	2	3	4	5	6	7	
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	23.08	--	--	--	--	--	--	--	30dBm
157	5785	22.92	22.81	22.61	22.37	22.28	22.16	21.92	21.68	30dBm
165	5825	22.54	--	--	--	--	--	--	--	30dBm

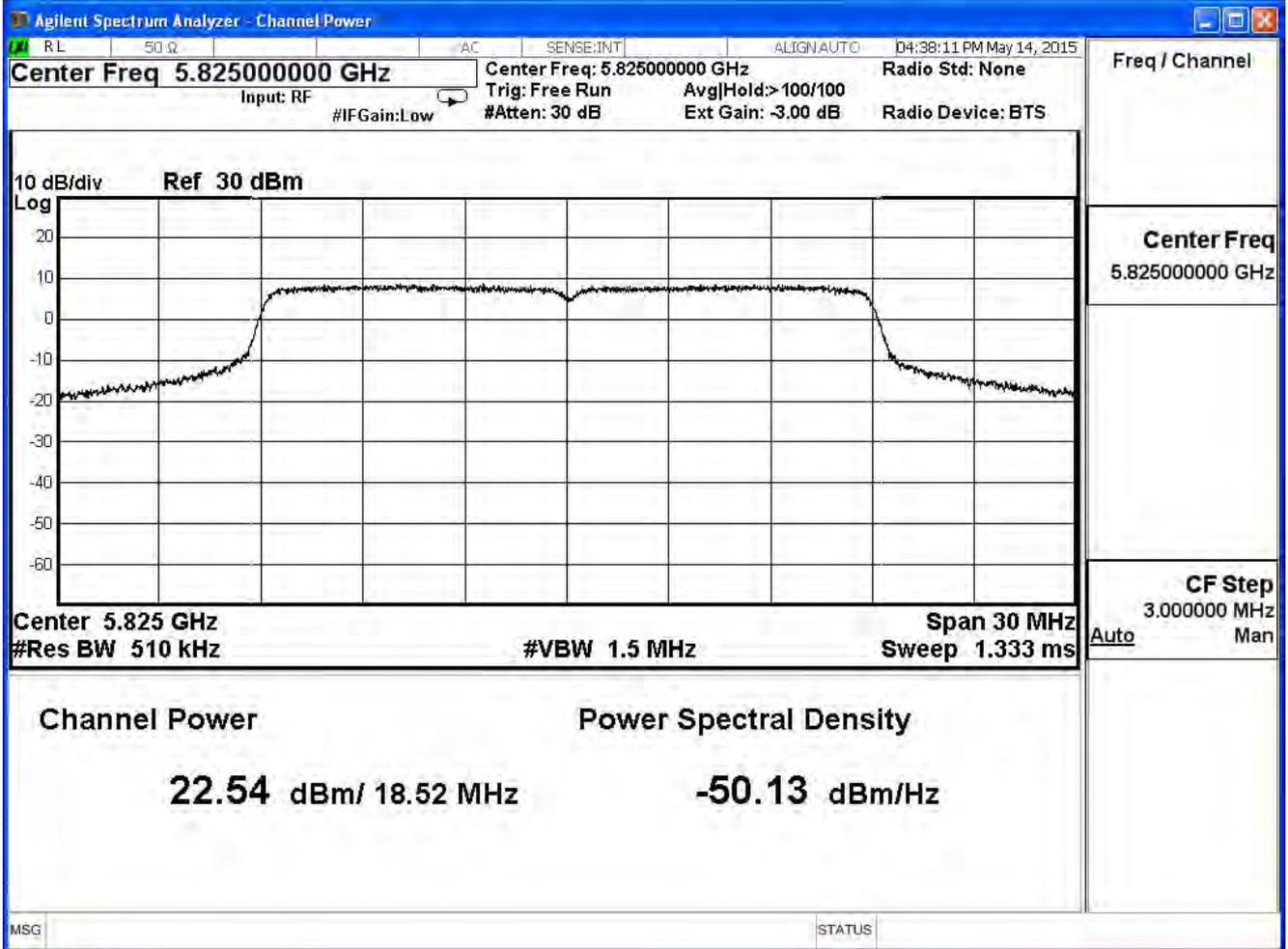
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	27.66	≤ 30
157	5785	27.79	≤ 30
165	5825	27.53	≤ 30

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	27.66	--	--	--	--	--	--	--	30dBm
157	5785	27.79	27.65	27.47	27.30	27.16	27.01	26.80	26.59	30dBm
165	5825	27.53	--	--	--	--	--	--	--	30dBm

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

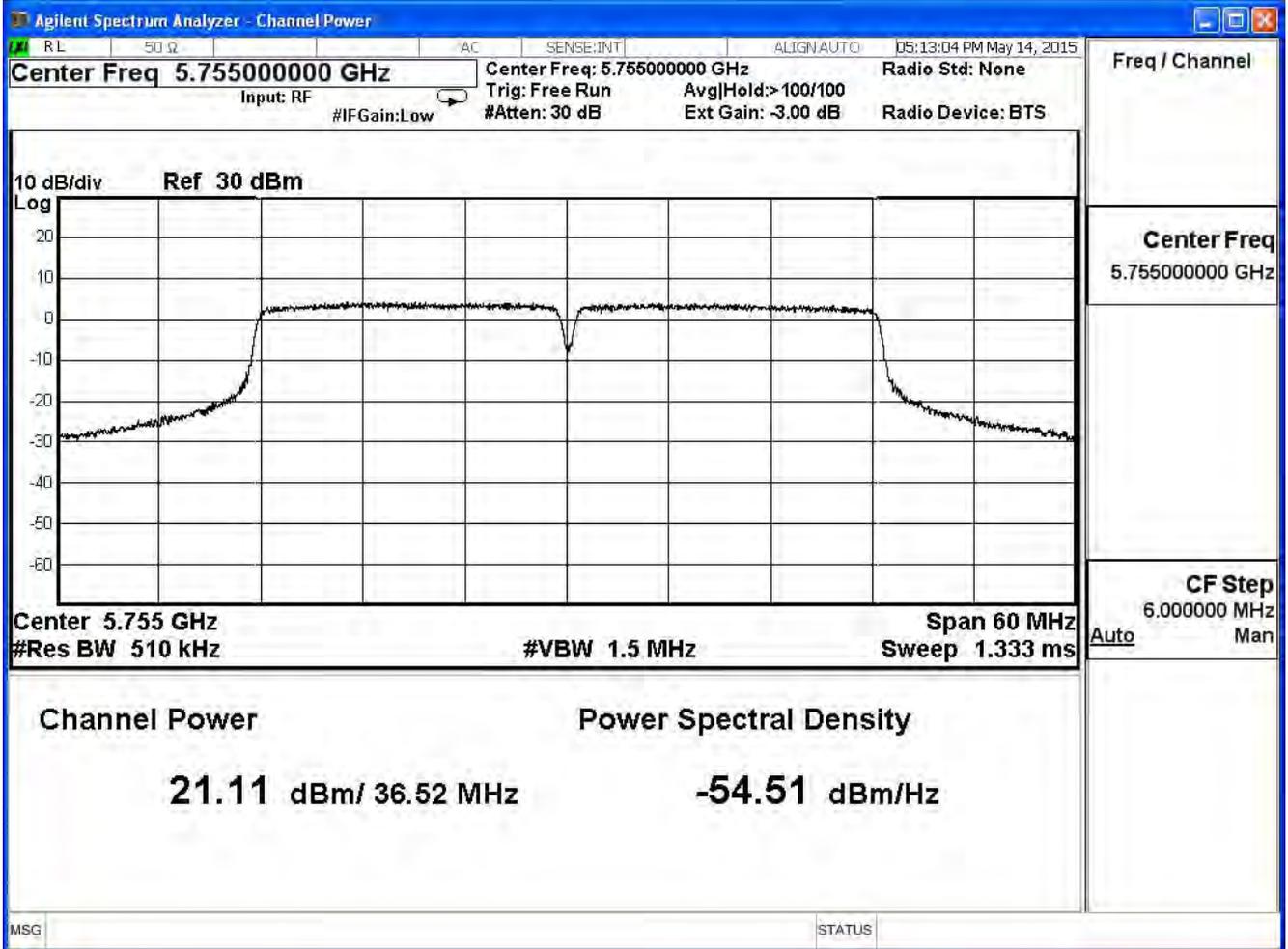
IEEE802.11n 40MHz(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	21.11	≤30
159	5795	22.46	≤30

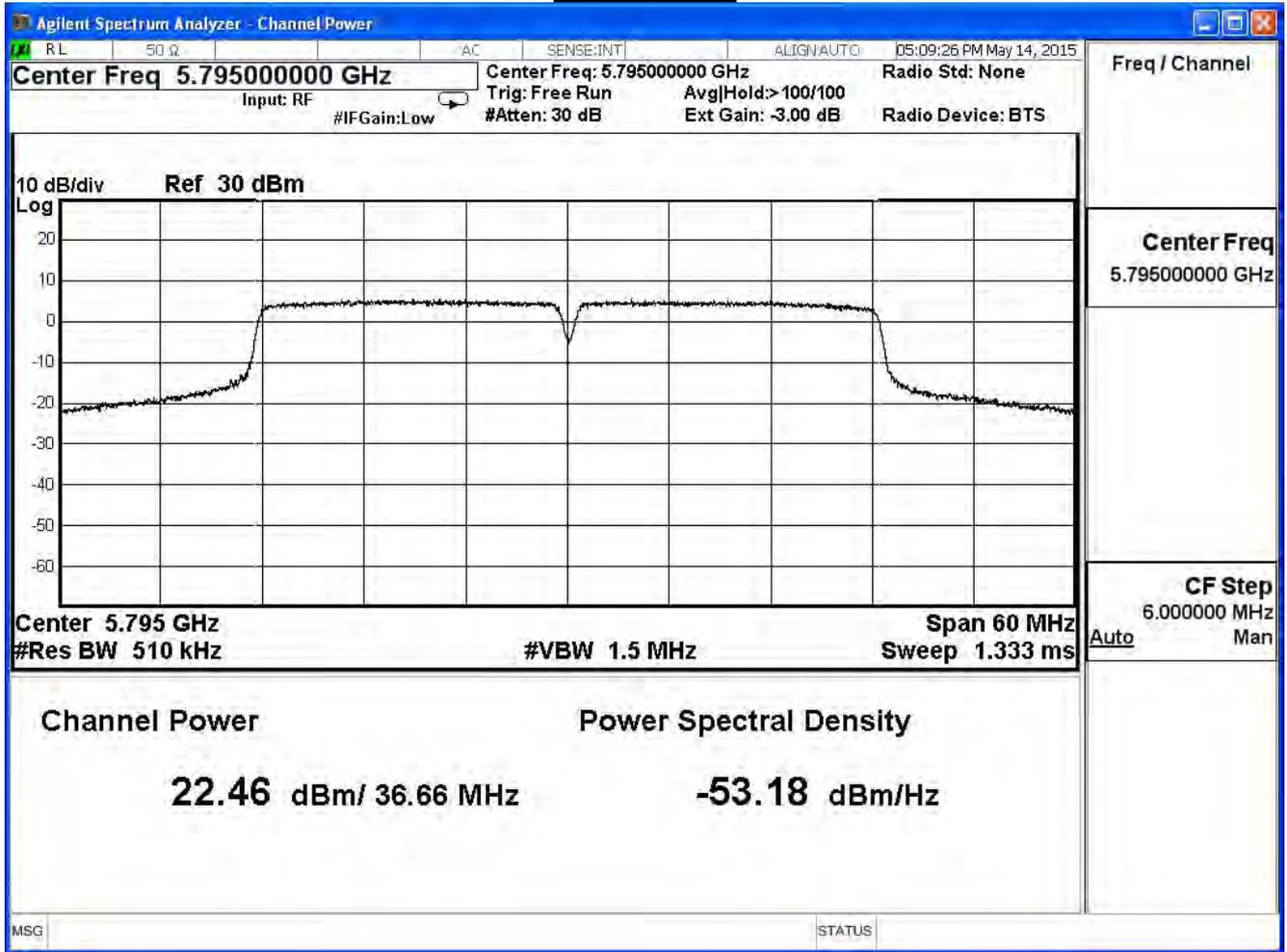
The worst emission of data rate is 13.5 Mbps.

		Peak Power Output (dBm)								Required Limit (dBm)
MCS Index		0	1	2	3	4	5	6	7	
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	21.11	--	--	--	--	--	--	--	30dBm
159	5795	22.46	22.38	22.18	22.08	21.88	21.76	21.52	21.42	30dBm

Channel 151



Channel 159



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

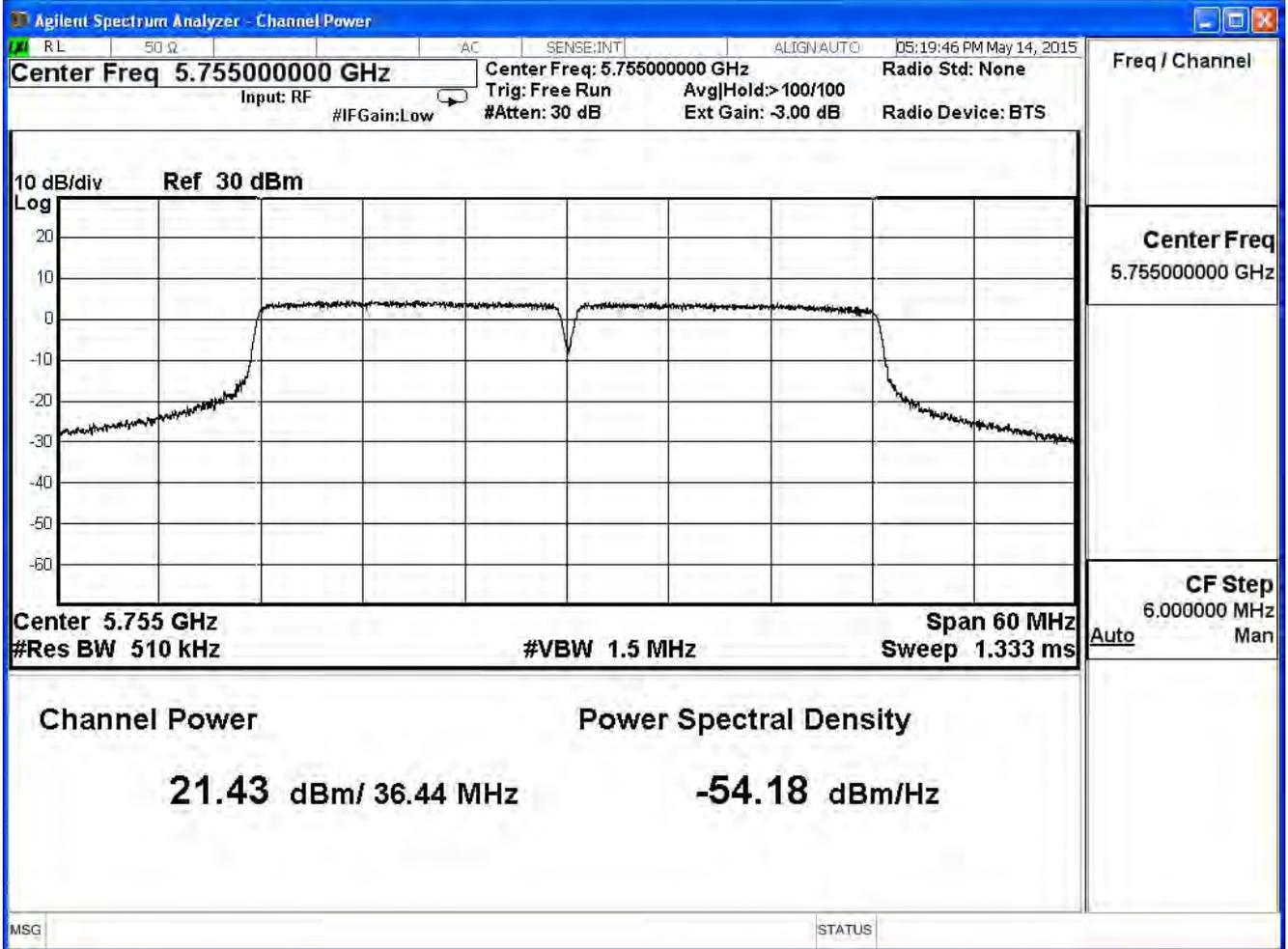
IEEE802.11n 40MHz(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	21.43	≤ 30
159	5795	23.03	≤ 30

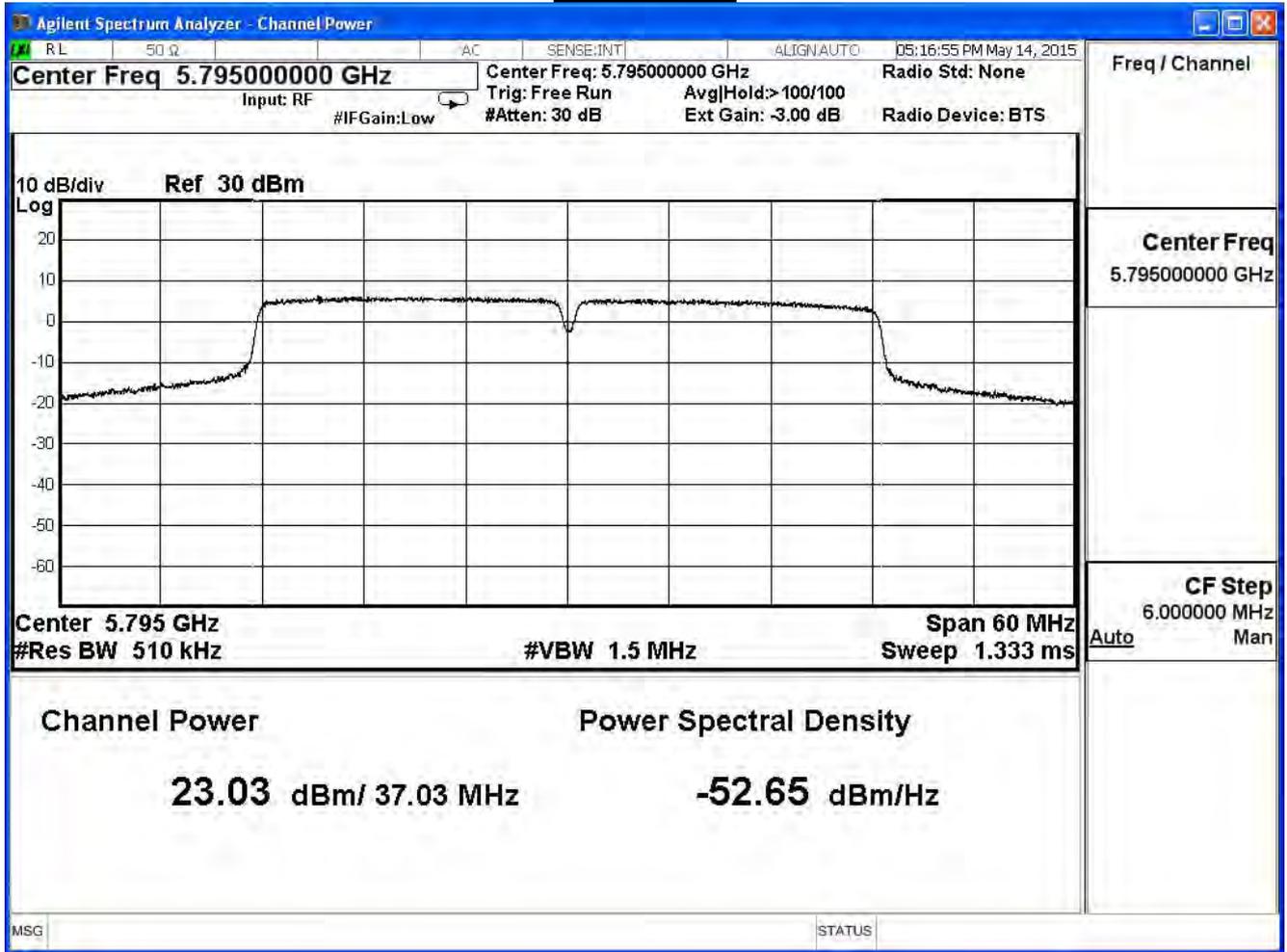
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	21.43	--	--	--	--	--	--	--	30dBm
159	5795	23.03	22.93	22.75	22.65	22.57	22.45	22.33	22.09	30dBm

Channel 151



Channel 159



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

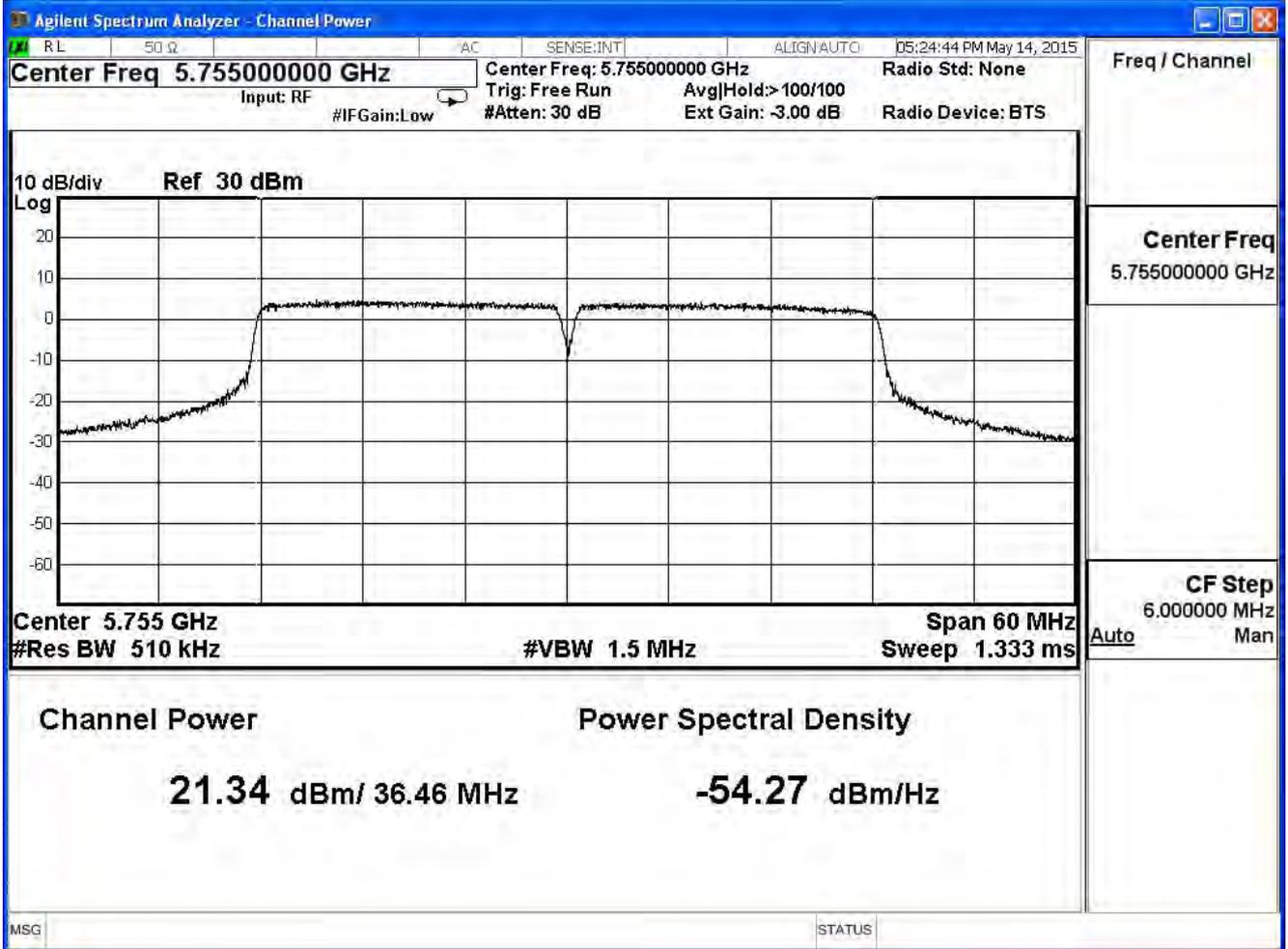
IEEE802.11n 40MHz(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	21.34	≤ 30
159	5795	22.83	≤ 30

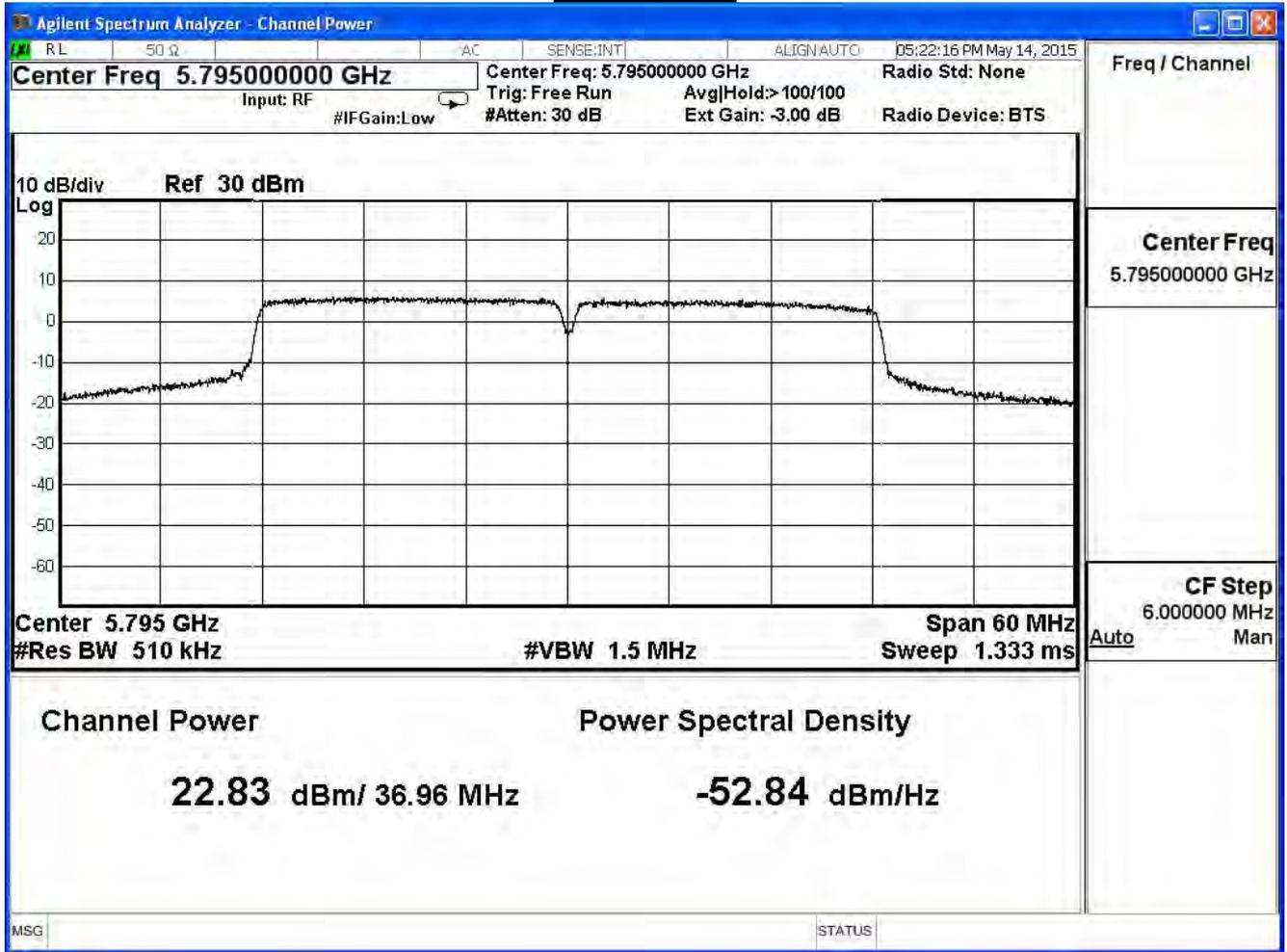
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	21.34	--	--	--	--	--	--	--	30dBm
159	5795	22.83	22.72	22.62	22.42	22.22	21.98	21.85	21.73	30dBm

Channel 151



Channel 159



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	26.07	≤ 30
159	5795	27.55	≤ 30

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	26.07	--	--	--	--	--	--	--	30dBm
159	5795	27.55	27.43	27.30	27.14	26.98	26.82	26.70	26.51	30dBm

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

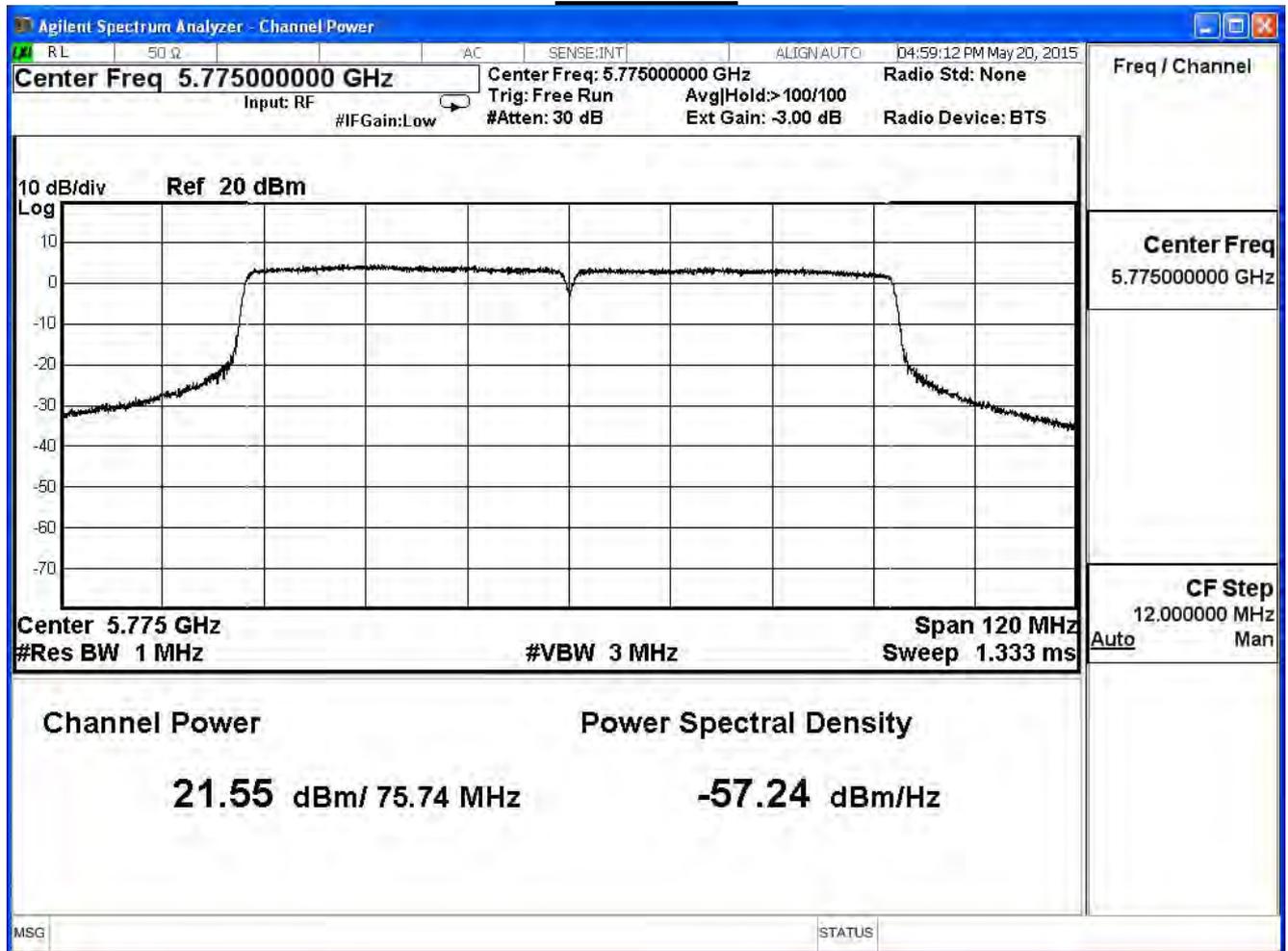
IEEE 802.11ac 80MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
155	5775	21.55	≤ 30

The worst emission of data rate is 29.3 Mbps.

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
155	5775	21.55	21.50	21.40	21.20	21.08	20.88	20.64	20.52	20.42	20.18

Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

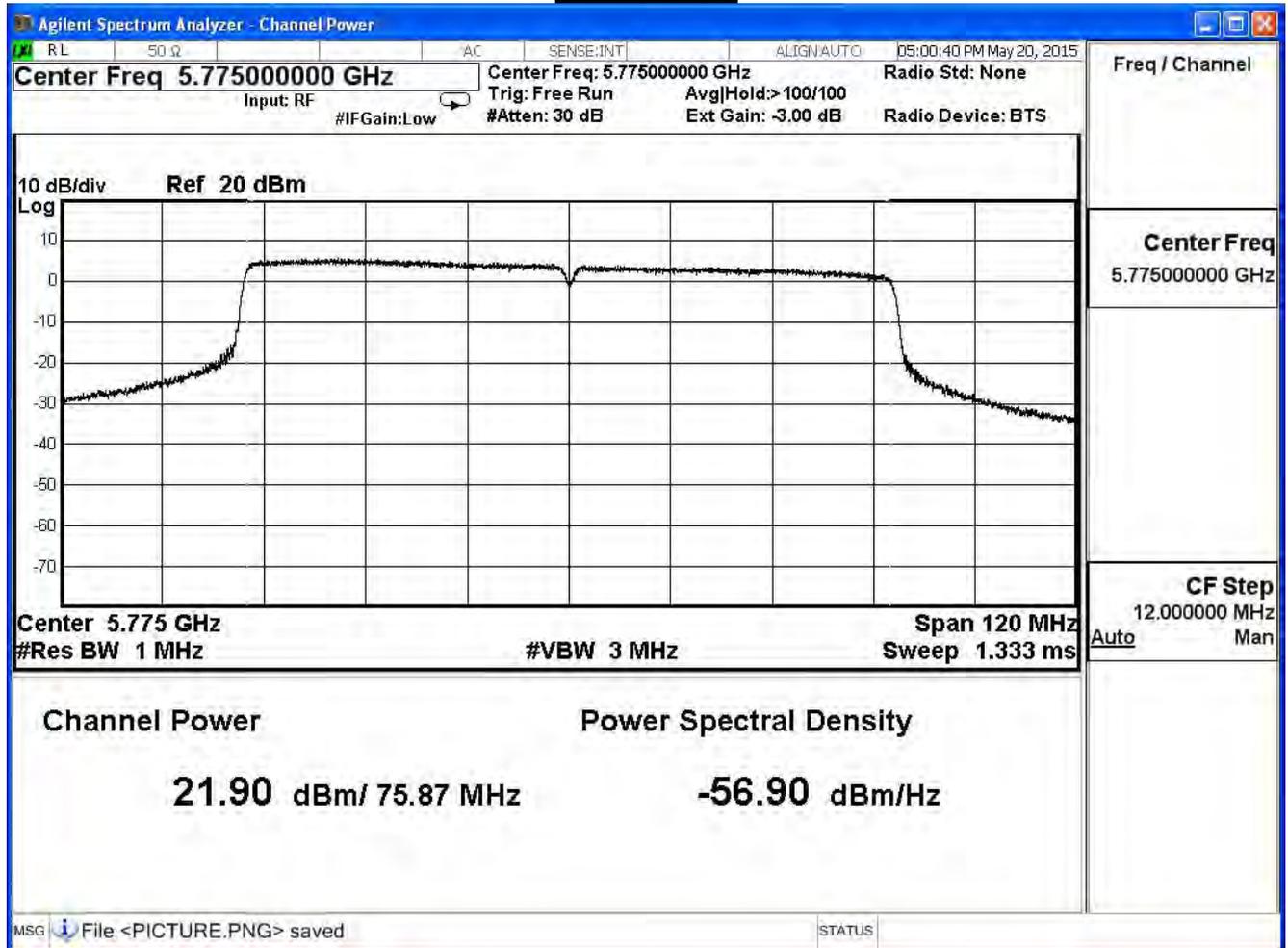
IEEE 802.11ac 80MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
155	5775	21.90	≤ 30

The worst emission of data rate is 29.3 Mbps.

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
155	5775	21.90	21.80	21.75	21.65	21.55	21.37	21.25	21.05	20.93	20.69

Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

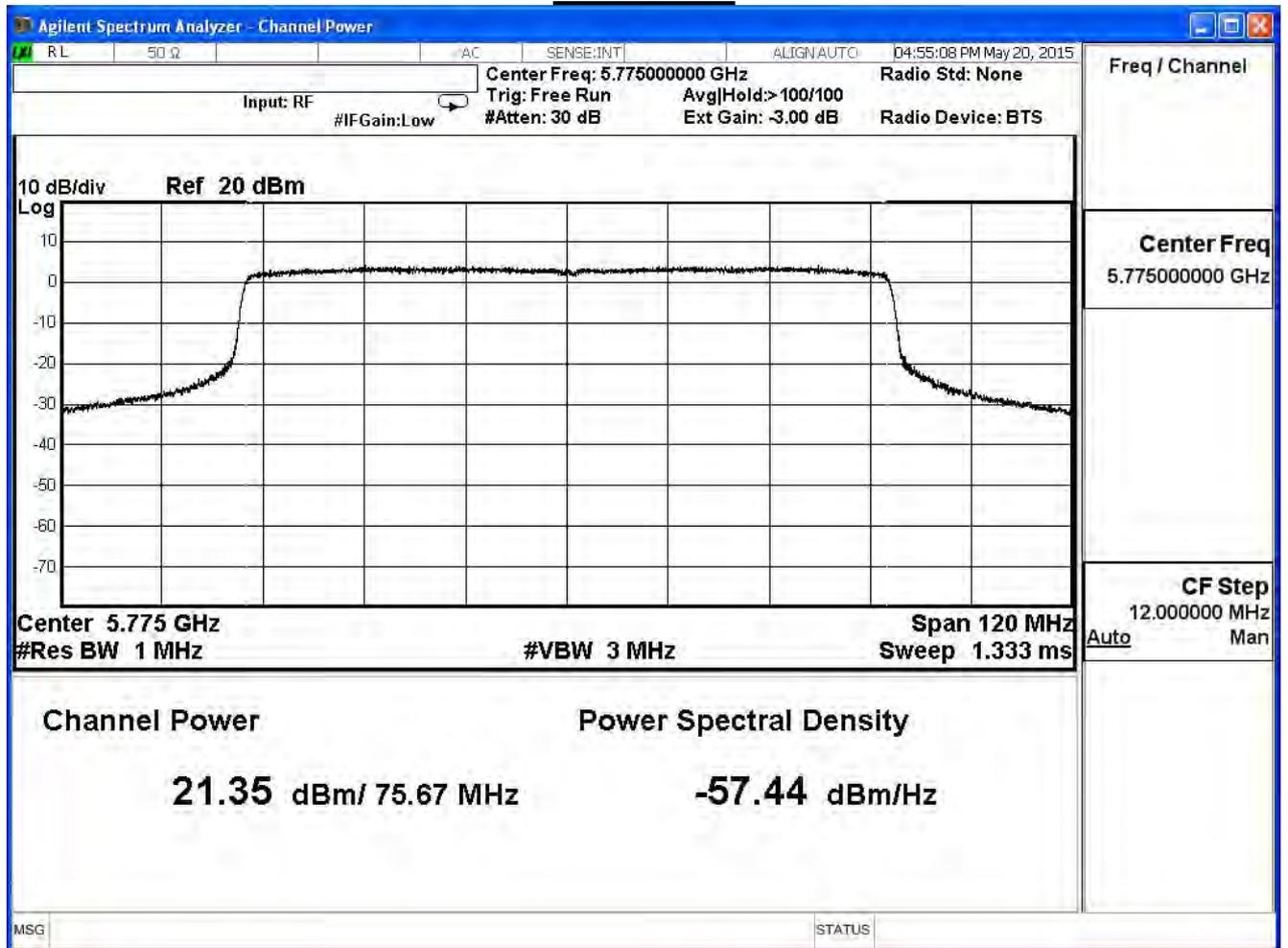
IEEE 802.11ac 80MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
155	5775	21.35	≤ 30

The worst emission of data rate is 29.3 Mbps.

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
155	5775	21.35	21.15	21.05	20.97	20.81	20.61	20.49	20.29	20.17	20.03

Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac 80MHz (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
155	5775	26.38	≤ 30

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
155	5775	26.38	26.26	26.18	26.05	25.93	25.74	25.58	25.40	25.29	25.08

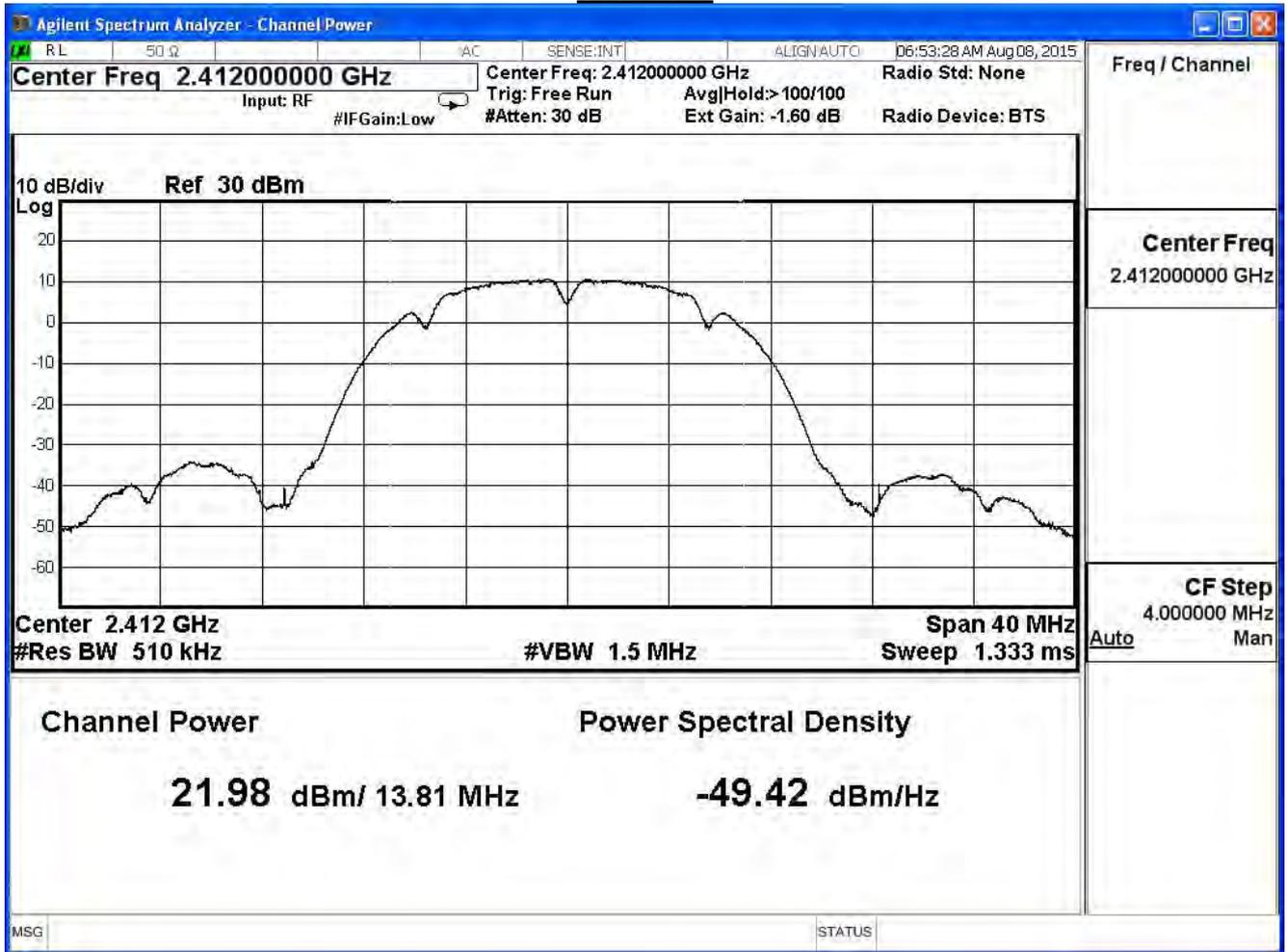
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.98	≤ 30
2	2417	24.83	≤ 30
6	2437	25.10	≤ 30
10	2457	24.48	≤ 30
11	2462	19.92	≤ 30

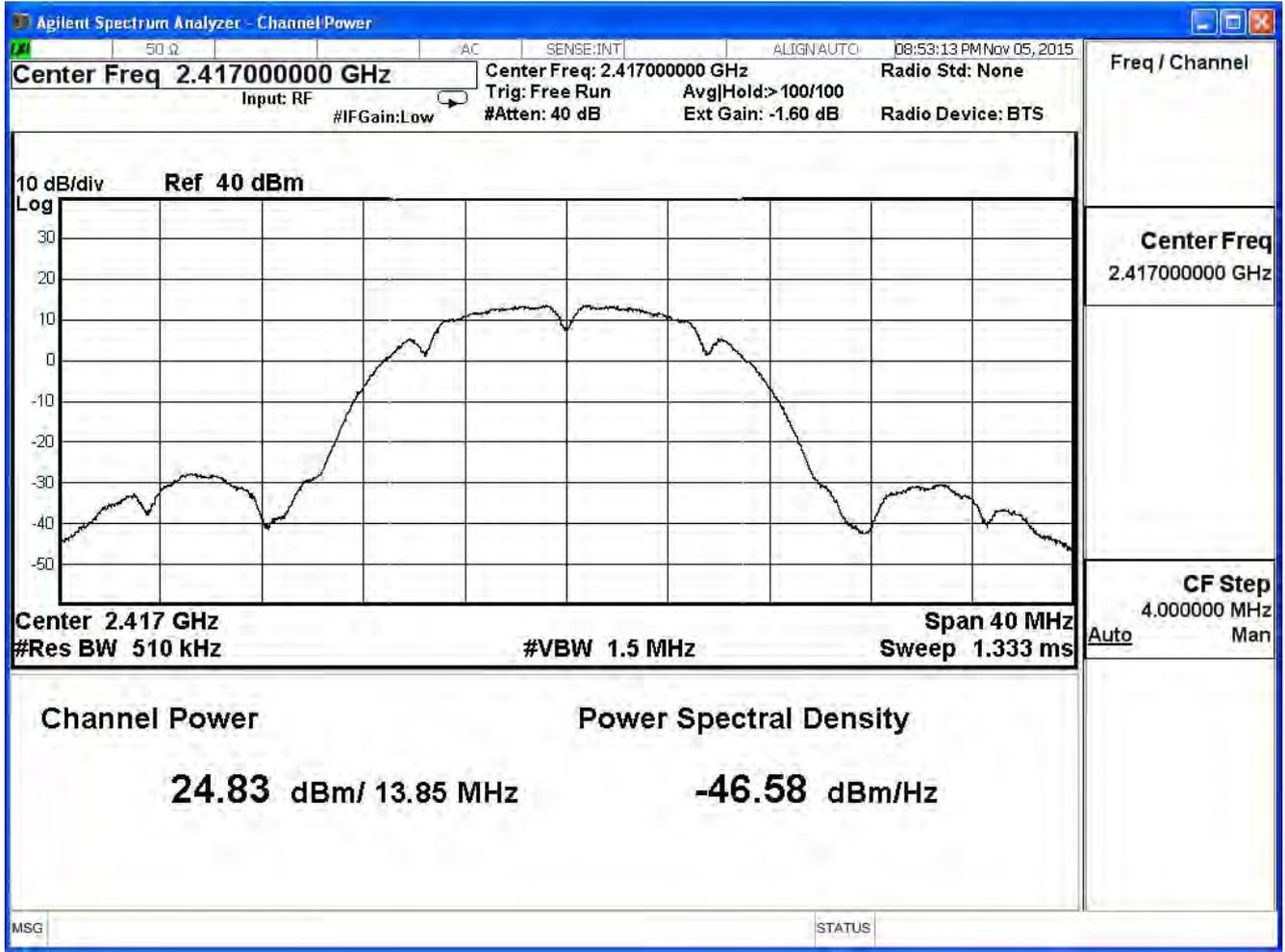
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	21.98	--	--	--	≤ 30
2	2417	24.83	--	--	--	≤ 30
6	2437	25.10	25.02	24.92	24.87	≤ 30
10	2457	24.48	--	--	--	≤ 30
11	2462	19.92	--	--	--	≤ 30

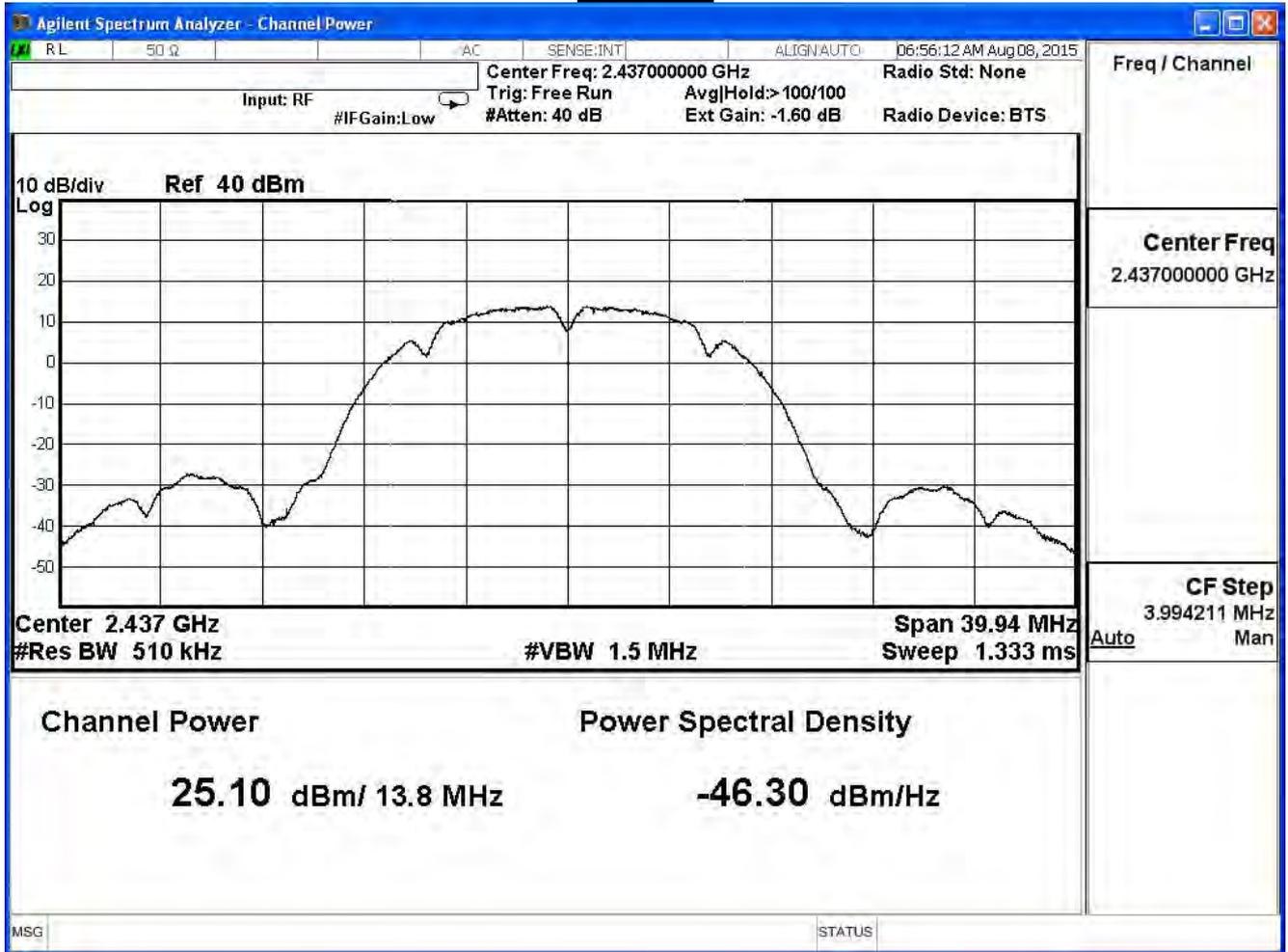
Channel 1



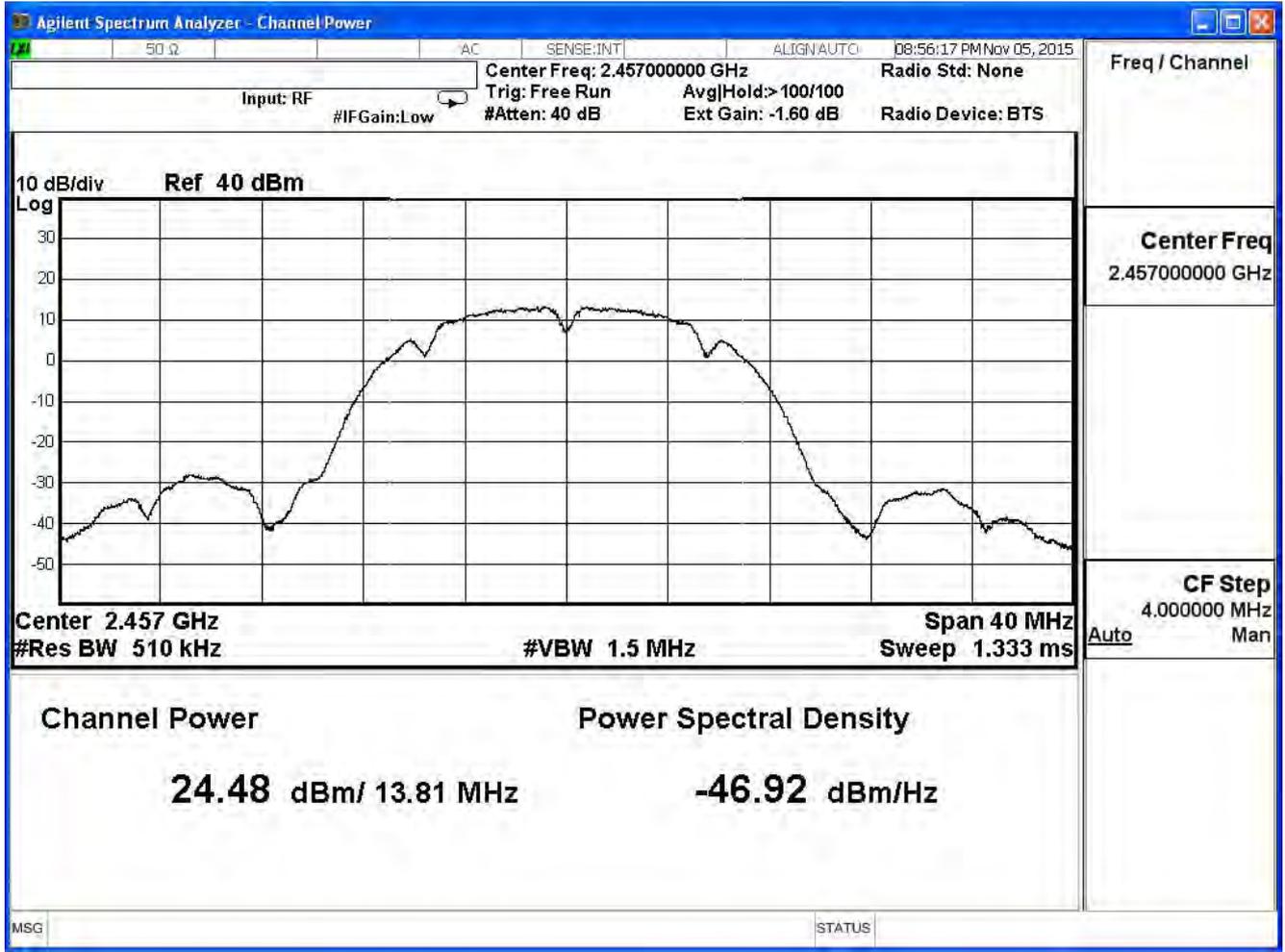
Channel 2



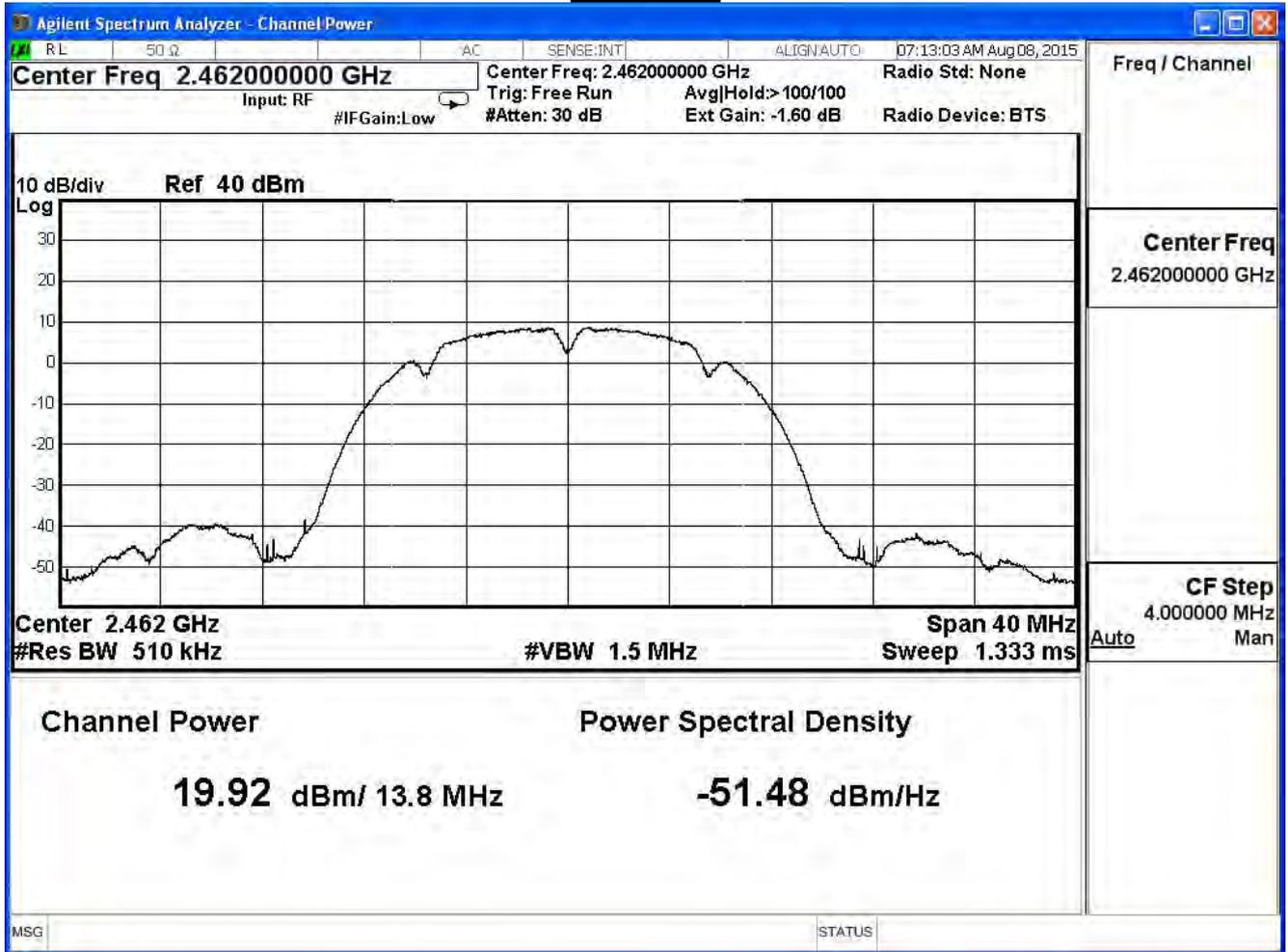
Channel 6



Channel 10



Channel 11



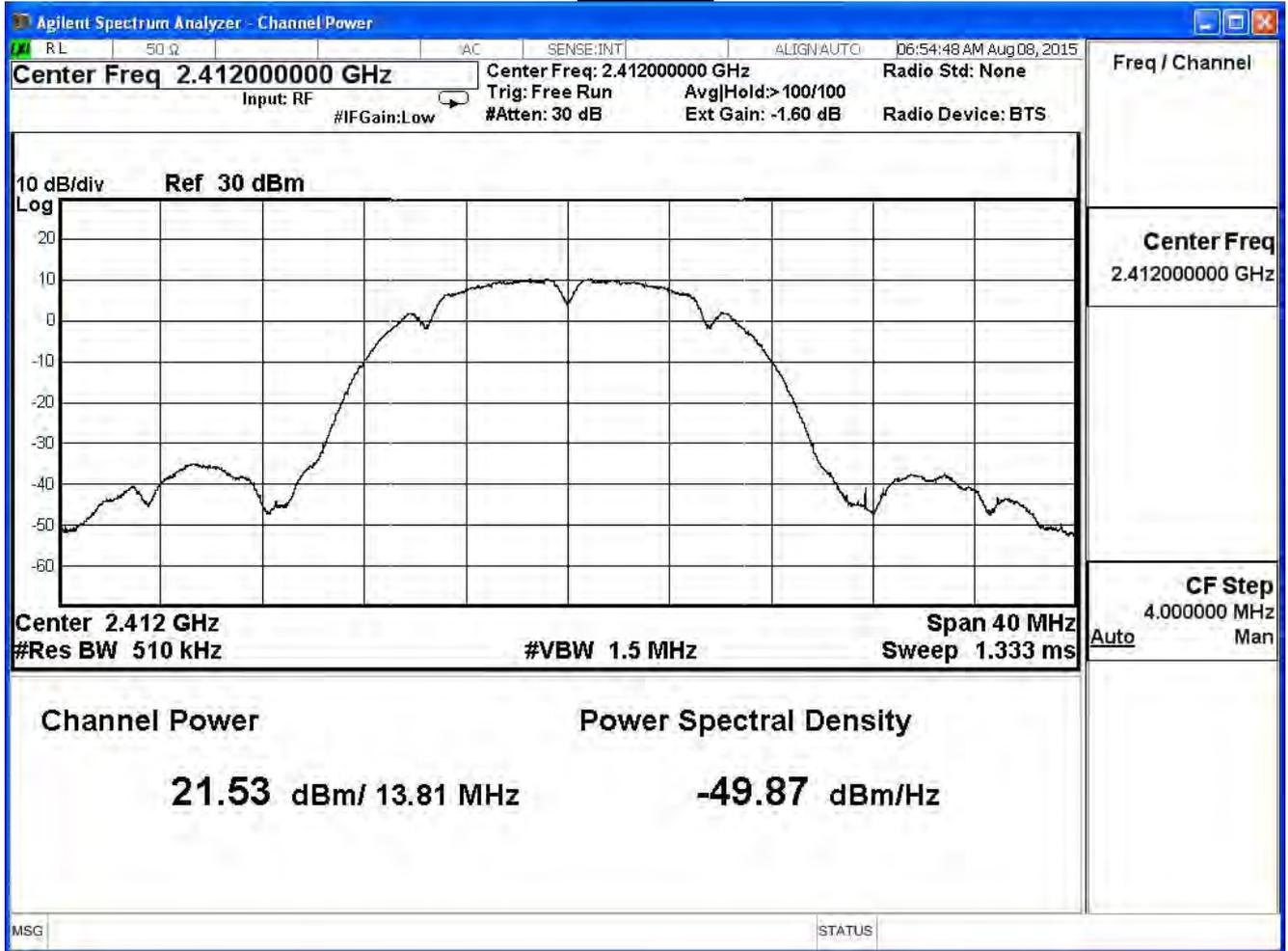
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11b (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.53	≤ 30
2	2417	24.76	≤ 30
6	2437	24.74	≤ 30
10	2457	24.46	≤ 30
11	2462	19.64	≤ 30

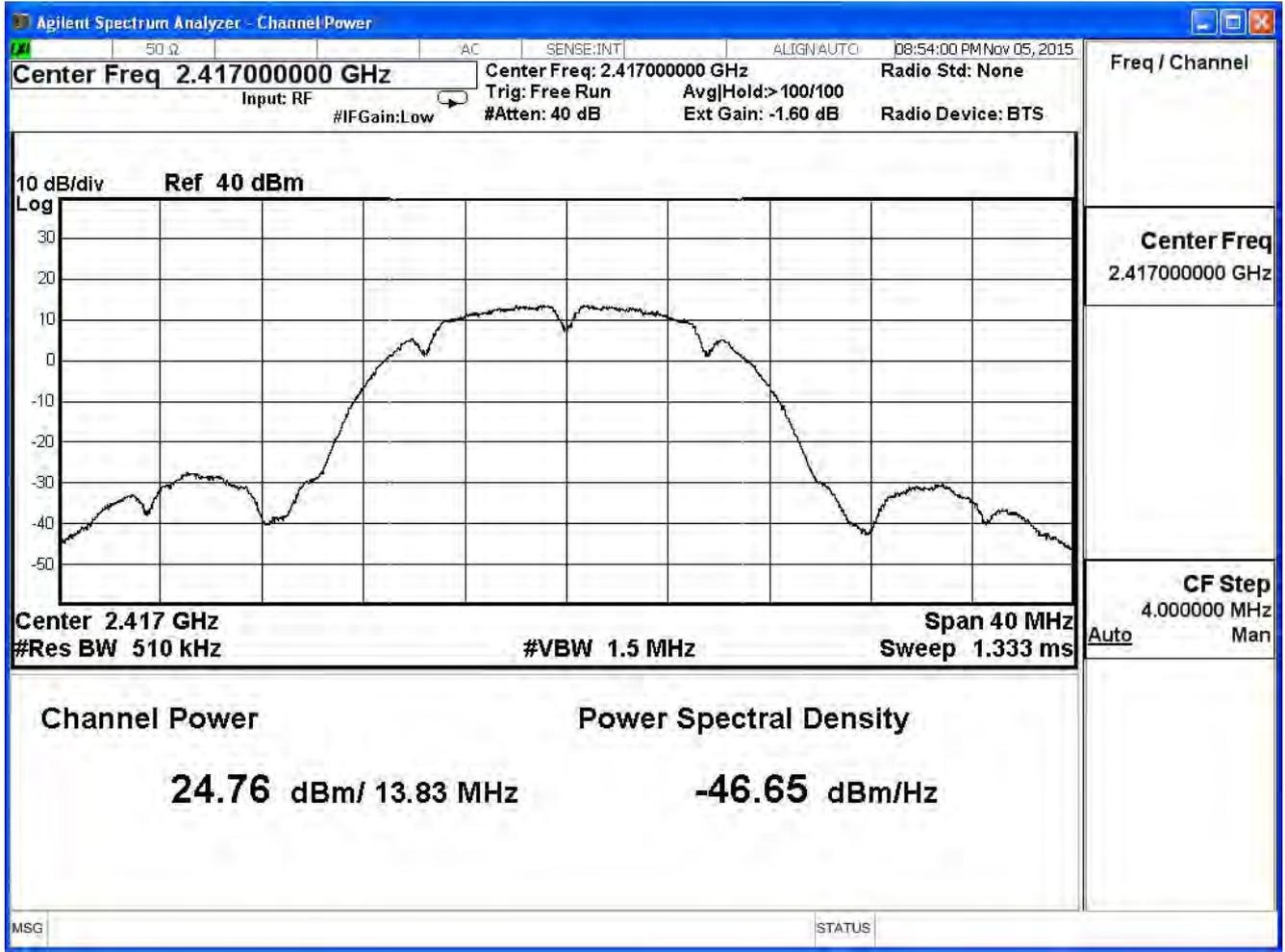
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	21.53	--	--	--	≤ 30
2	2417	24.76	--	--	--	≤ 30
6	2437	24.74	24.71	24.65	24.61	≤ 30
10	2457	24.46	--	--	--	≤ 30
11	2462	19.64	--	--	--	≤ 30

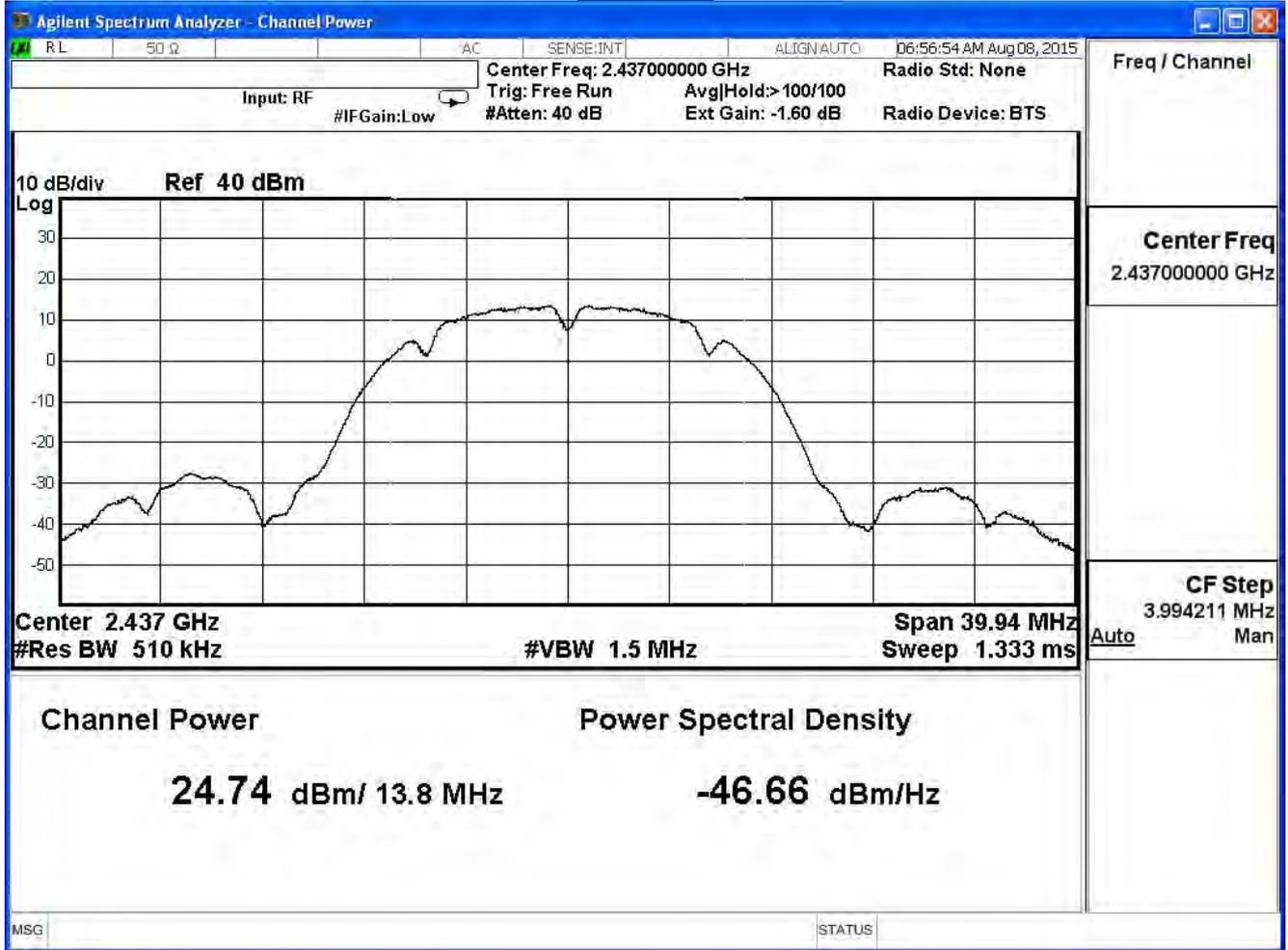
Channel 1



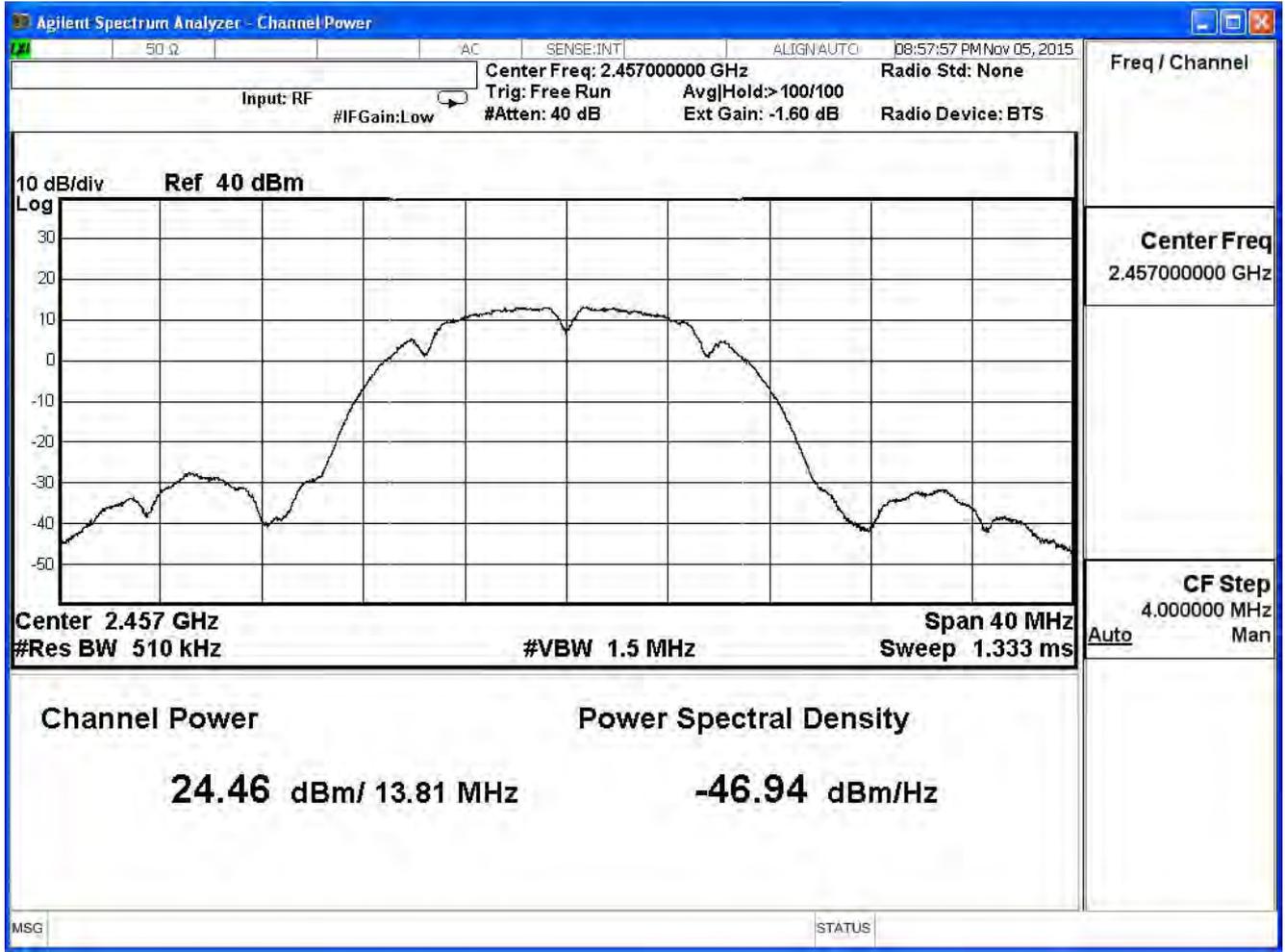
Channel 2



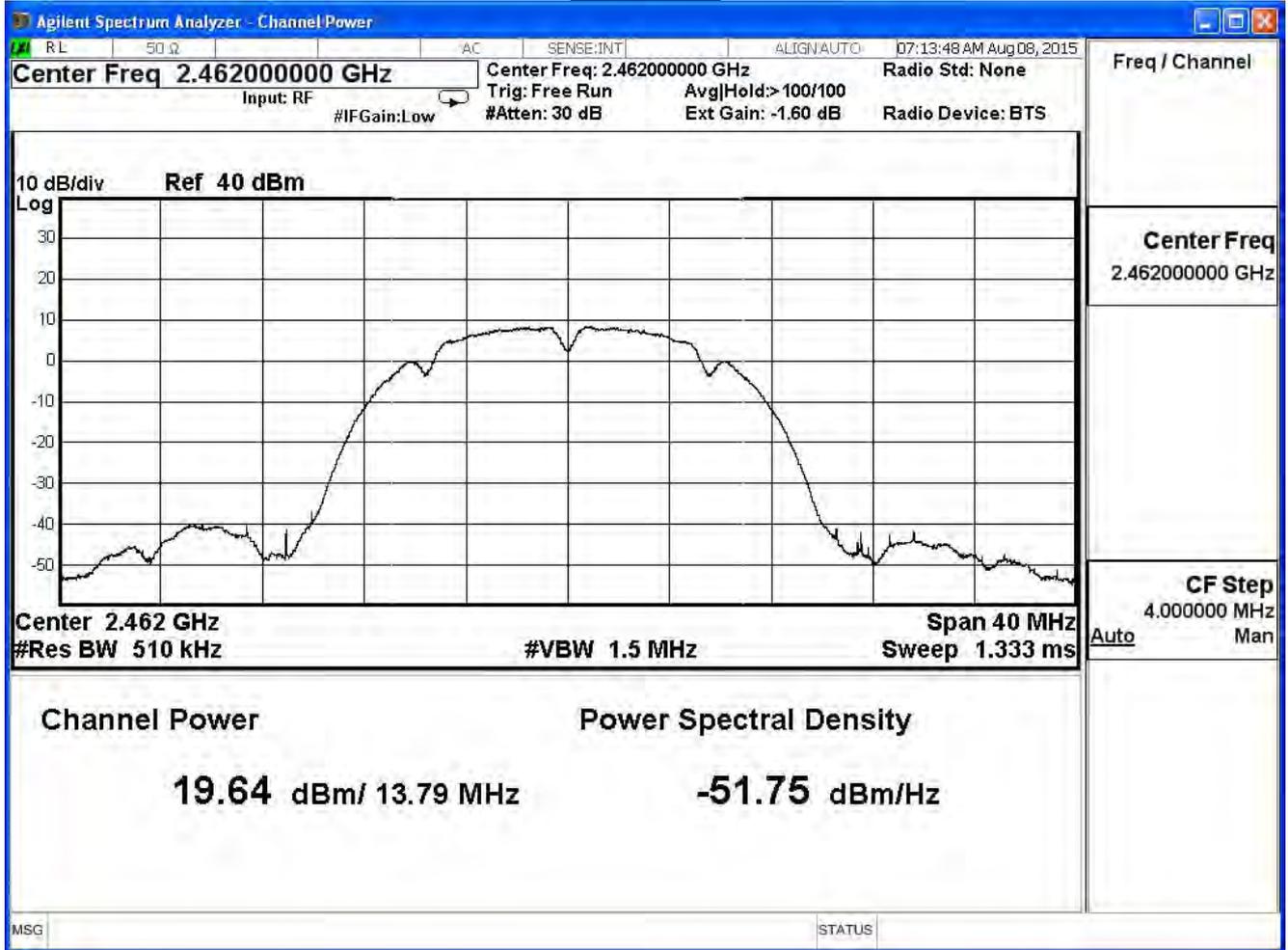
Channel 6



Channel 10



Channel 11



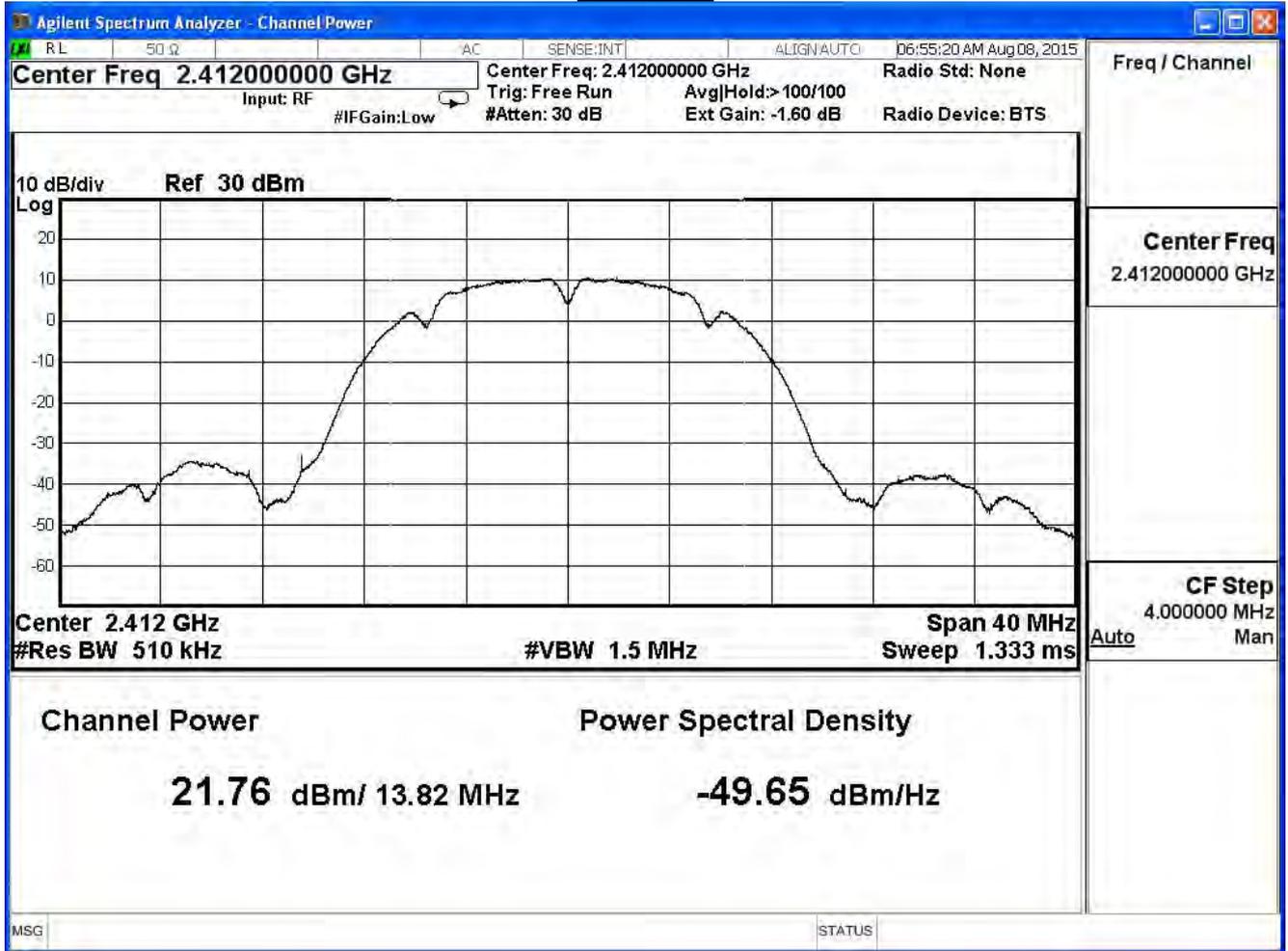
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11b (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.76	≤ 30
2	2417	24.45	≤ 30
6	2437	24.84	≤ 30
10	2457	24.32	≤ 30
11	2462	19.79	≤ 30

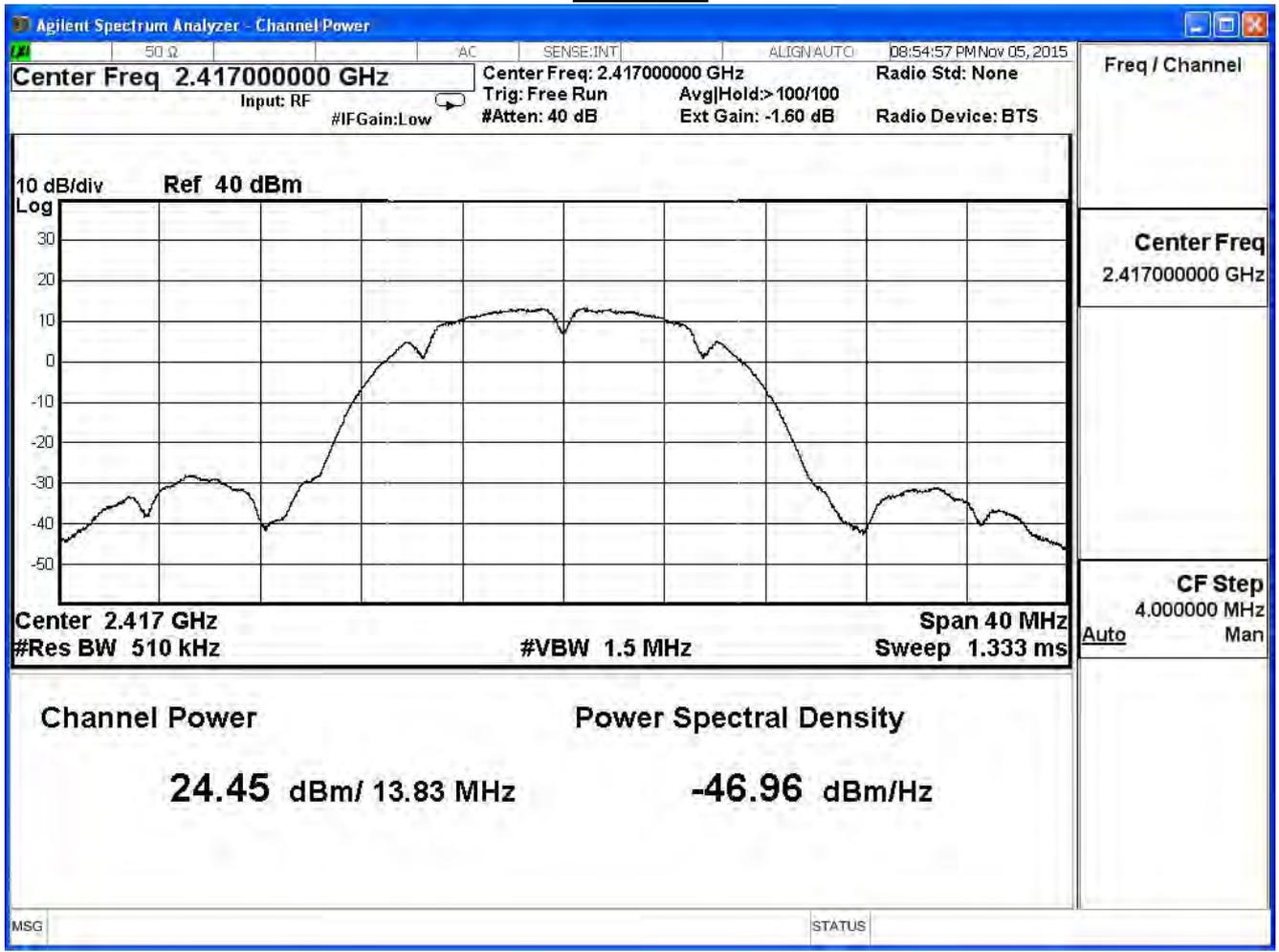
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	21.76	--	--	--	≤ 30
2	2417	24.45	--	--	--	≤ 30
6	2437	24.84	24.81	24.78	24.75	≤ 30
10	2457	24.32	--	--	--	≤ 30
11	2462	19.79	--	--	--	≤ 30

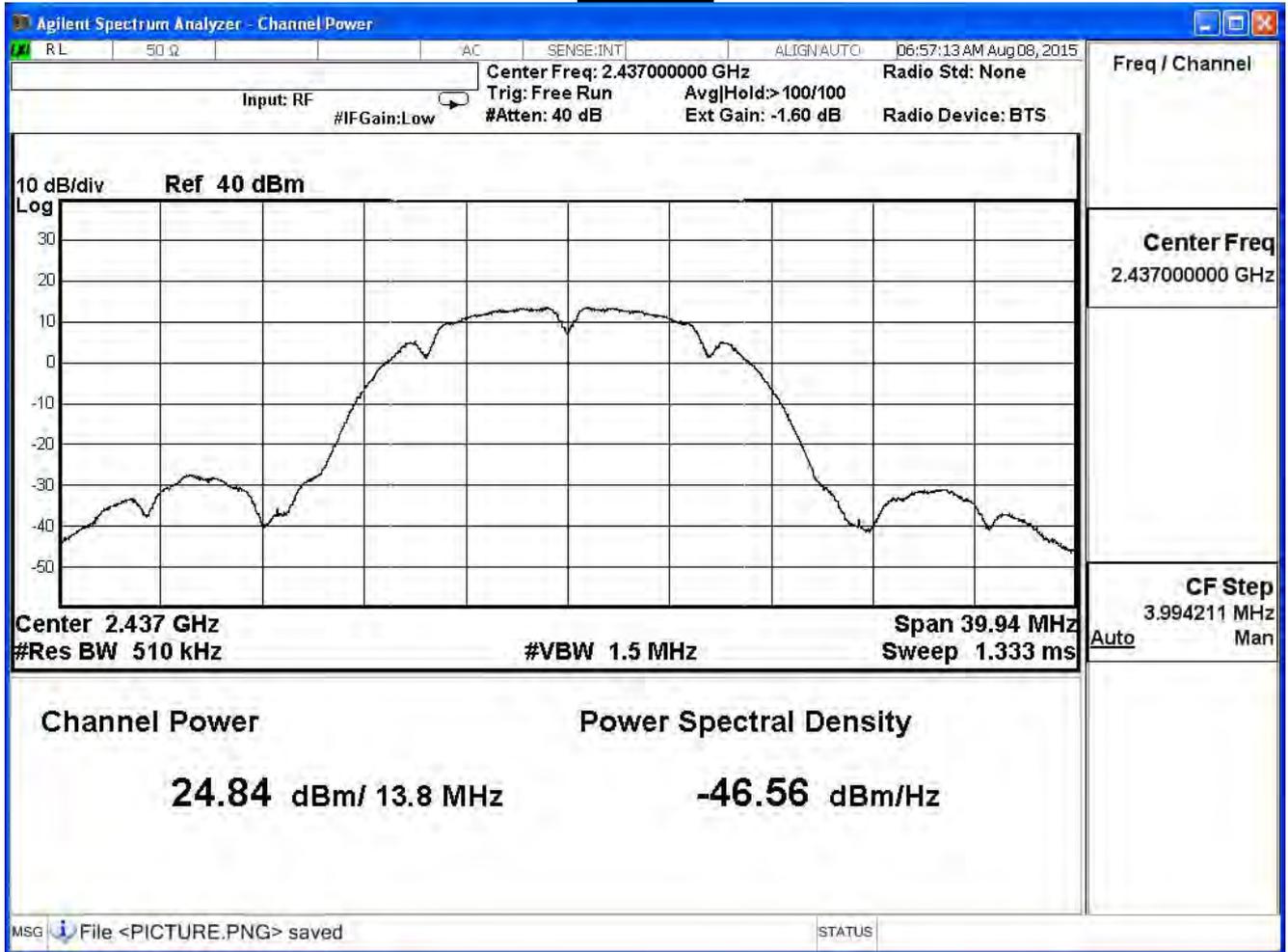
Channel 1



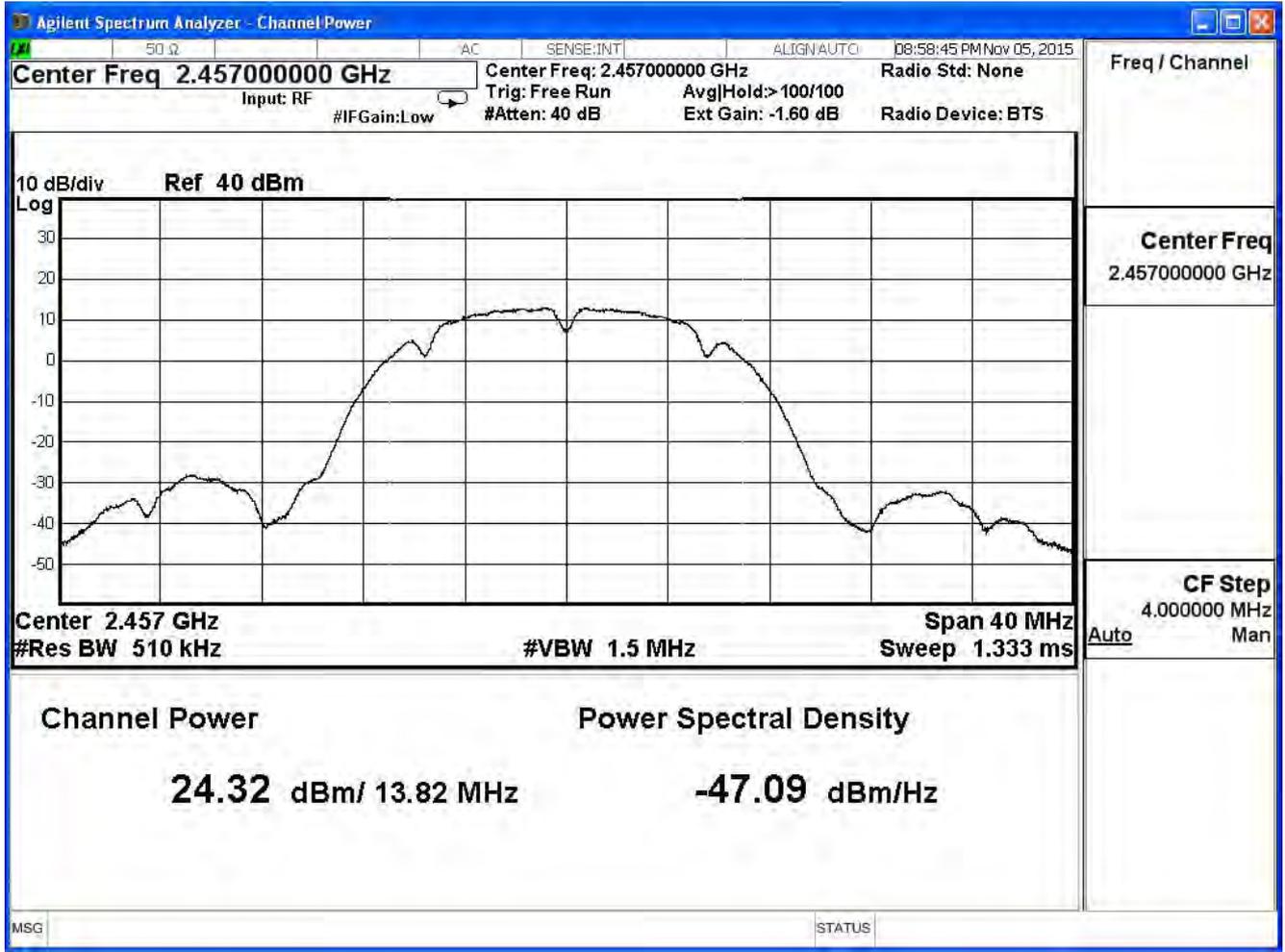
Channel 2



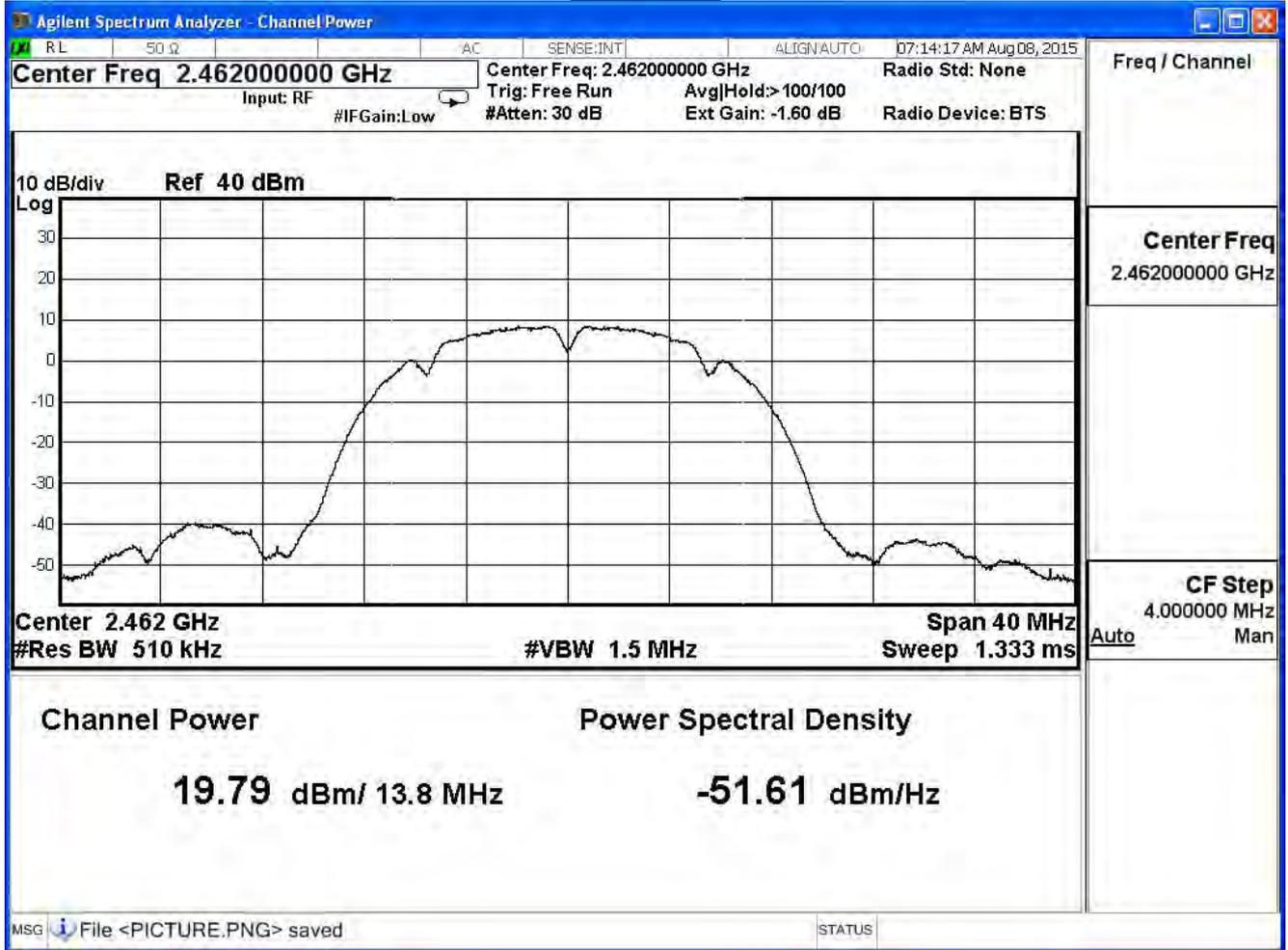
Channel 6



Channel 10



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11b (ANT 0+1+2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	26.53	≤ 30
2	2417	29.45	≤ 30
6	2437	29.67	≤ 30
10	2457	29.19	≤ 30
11	2462	24.56	≤ 30

The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	26.53	--	--	--	≤ 30
2	2417	29.45	--	--	--	≤ 30
6	2437	29.67	29.62	29.52	29.52	≤ 30
10	2457	29.19	--	--	--	≤ 30
11	2462	24.56	--	--	--	≤ 30

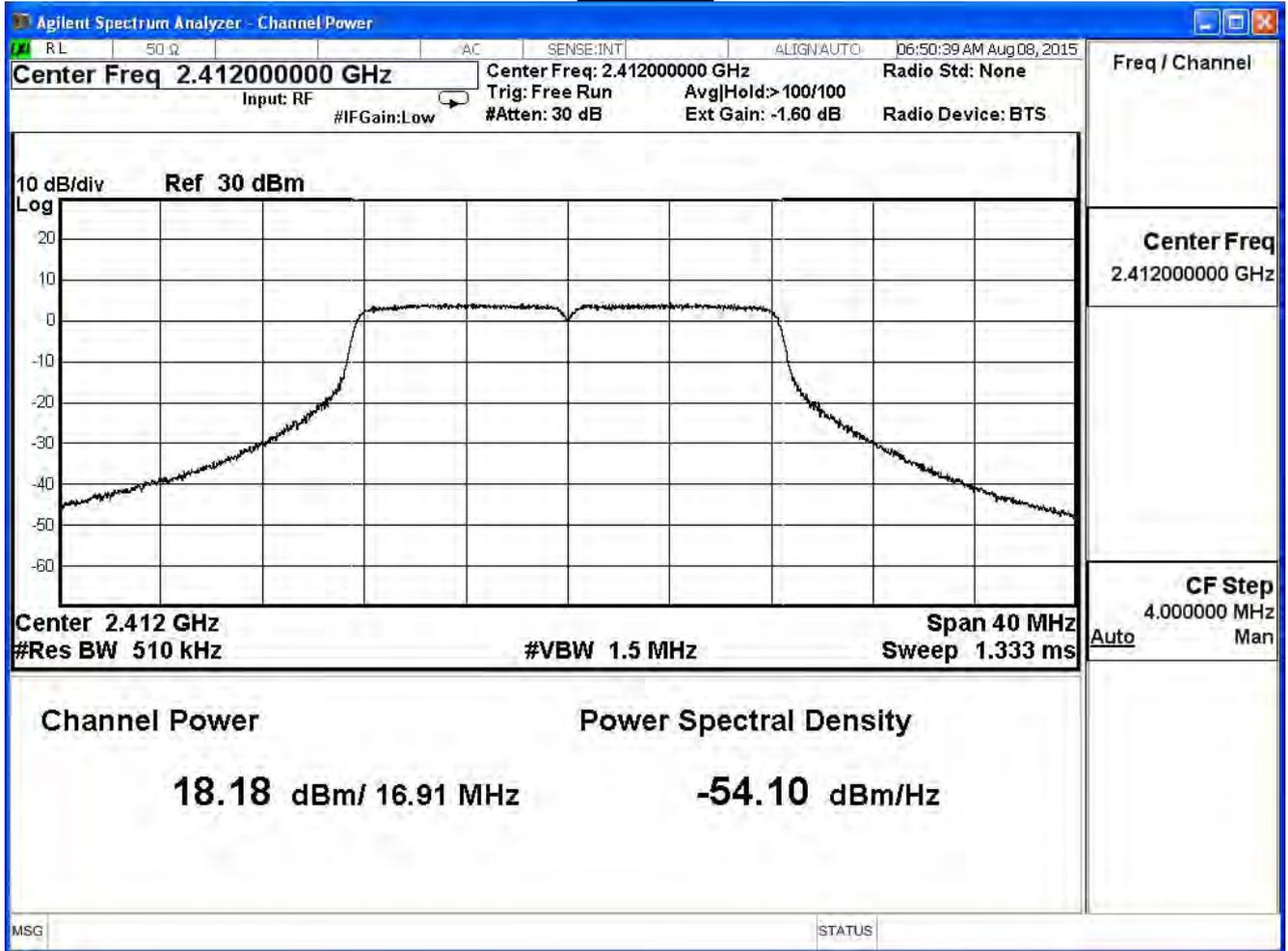
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.18	≤ 30
2	2417	22.35	≤ 30
6	2437	24.88	≤ 30
10	2457	23.95	≤ 30
11	2462	18.30	≤ 30

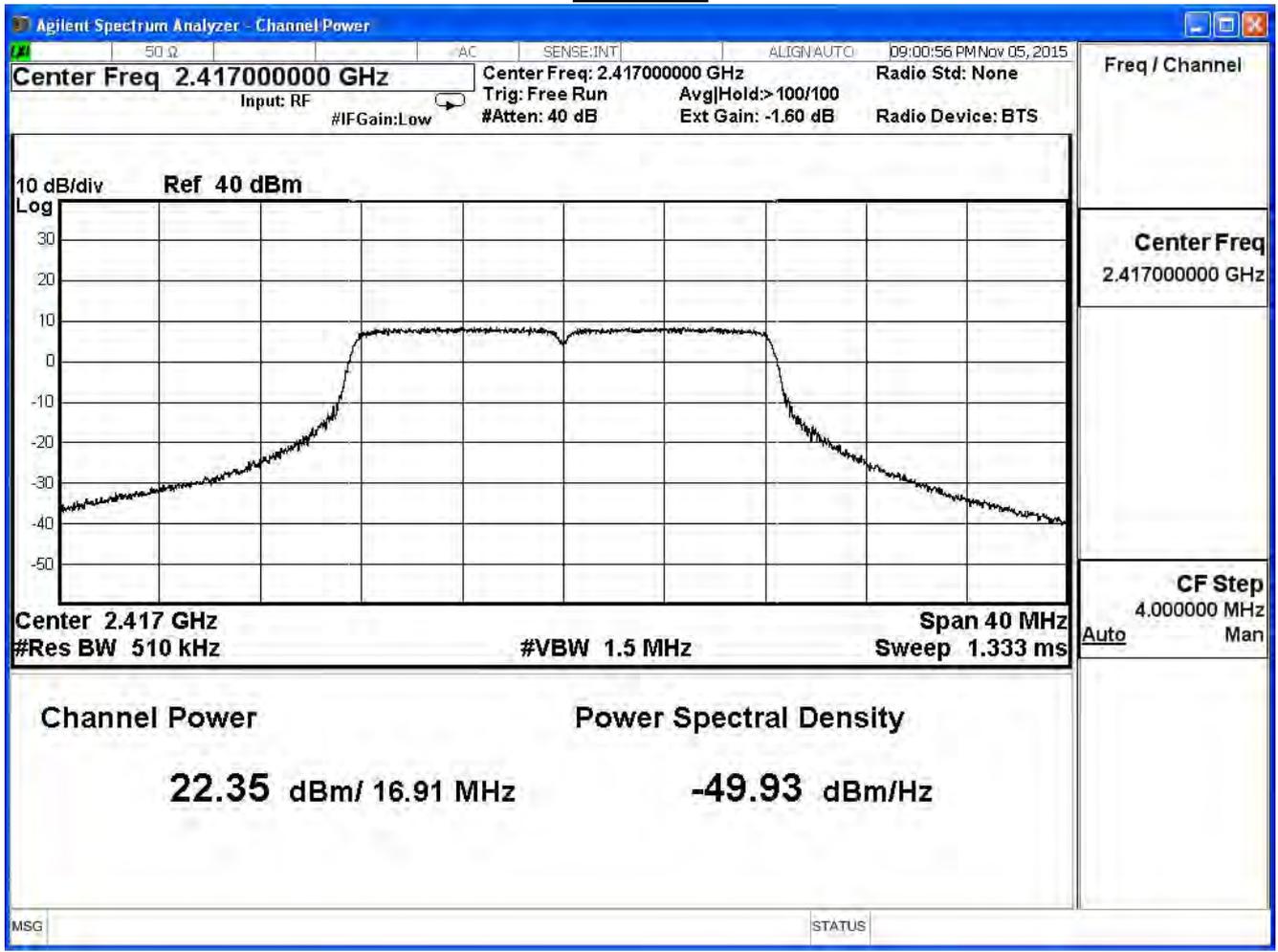
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit. (dBm)
		6	12	18	24	36	48	54	
1	2412	18.18	--	--	--	--	--	--	≤ 30
2	2417	22.35	--	--	--	--	--	--	≤ 30
6	2437	24.88	24.78	24.72	24.68	24.61	24.57	24.51	≤ 30
10	2457	23.95	--	--	--	--	--	--	≤ 30
11	2462	18.30	--	--	--	--	--	--	≤ 30

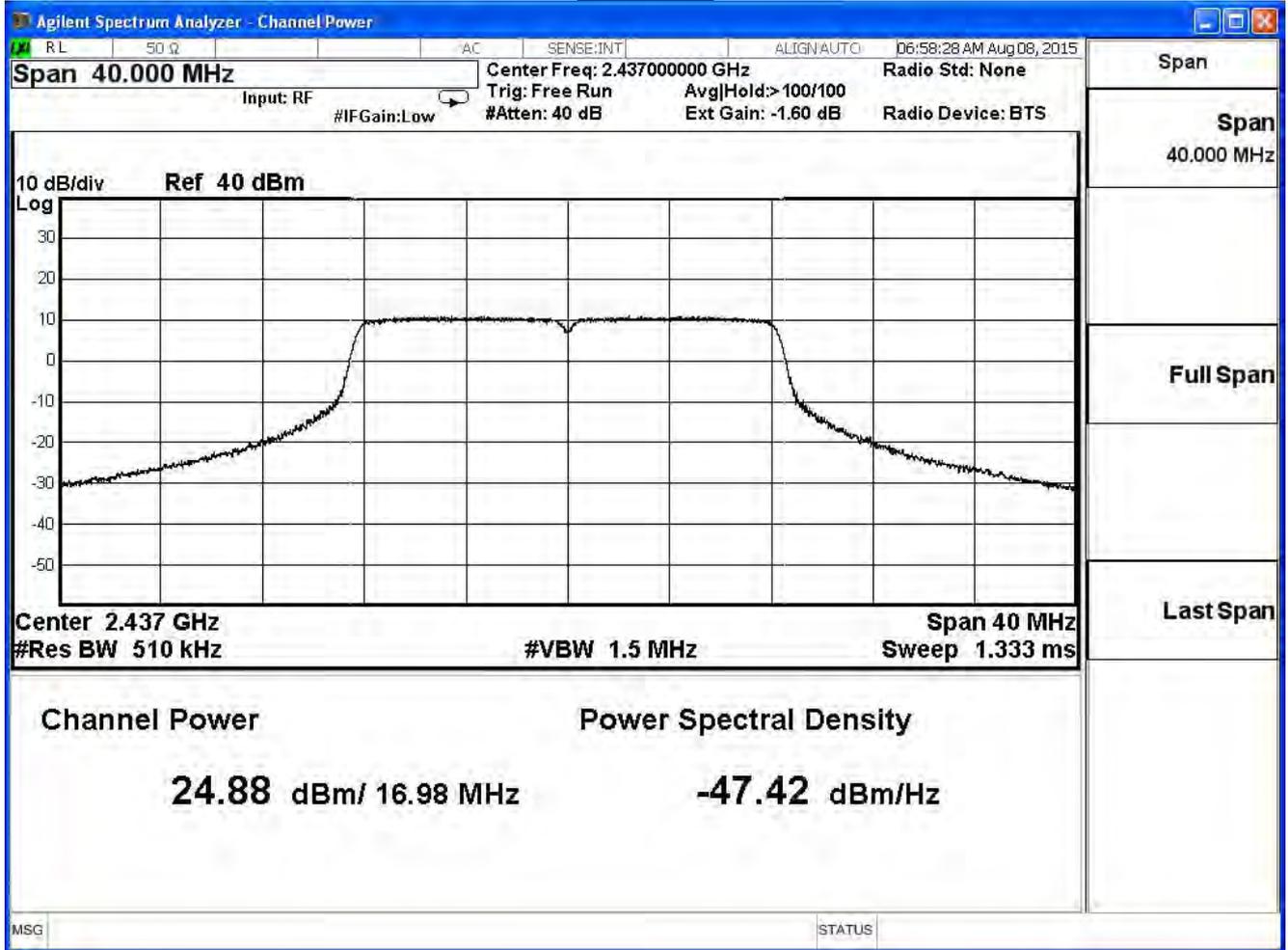
Channel 1



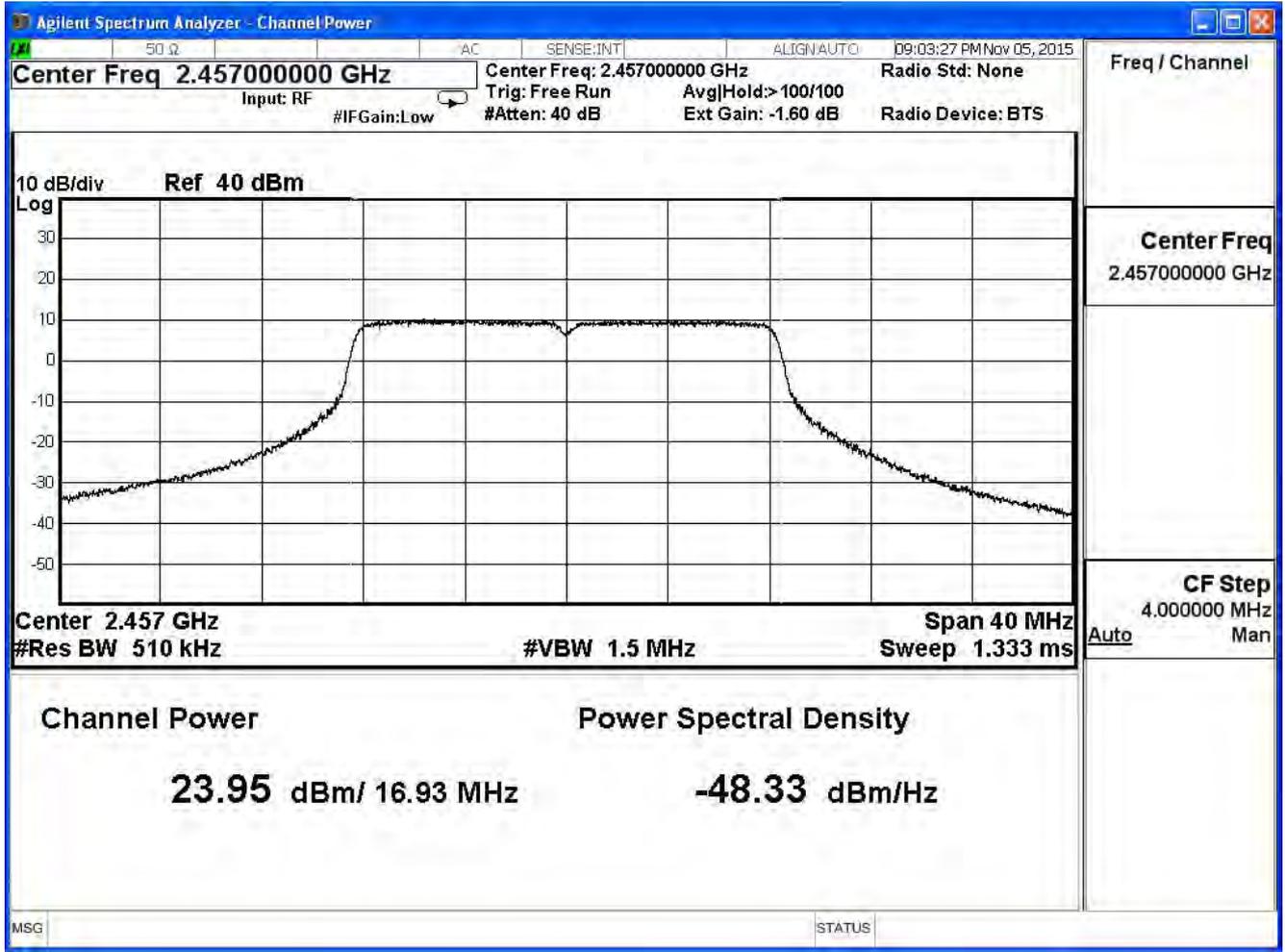
Channel 2



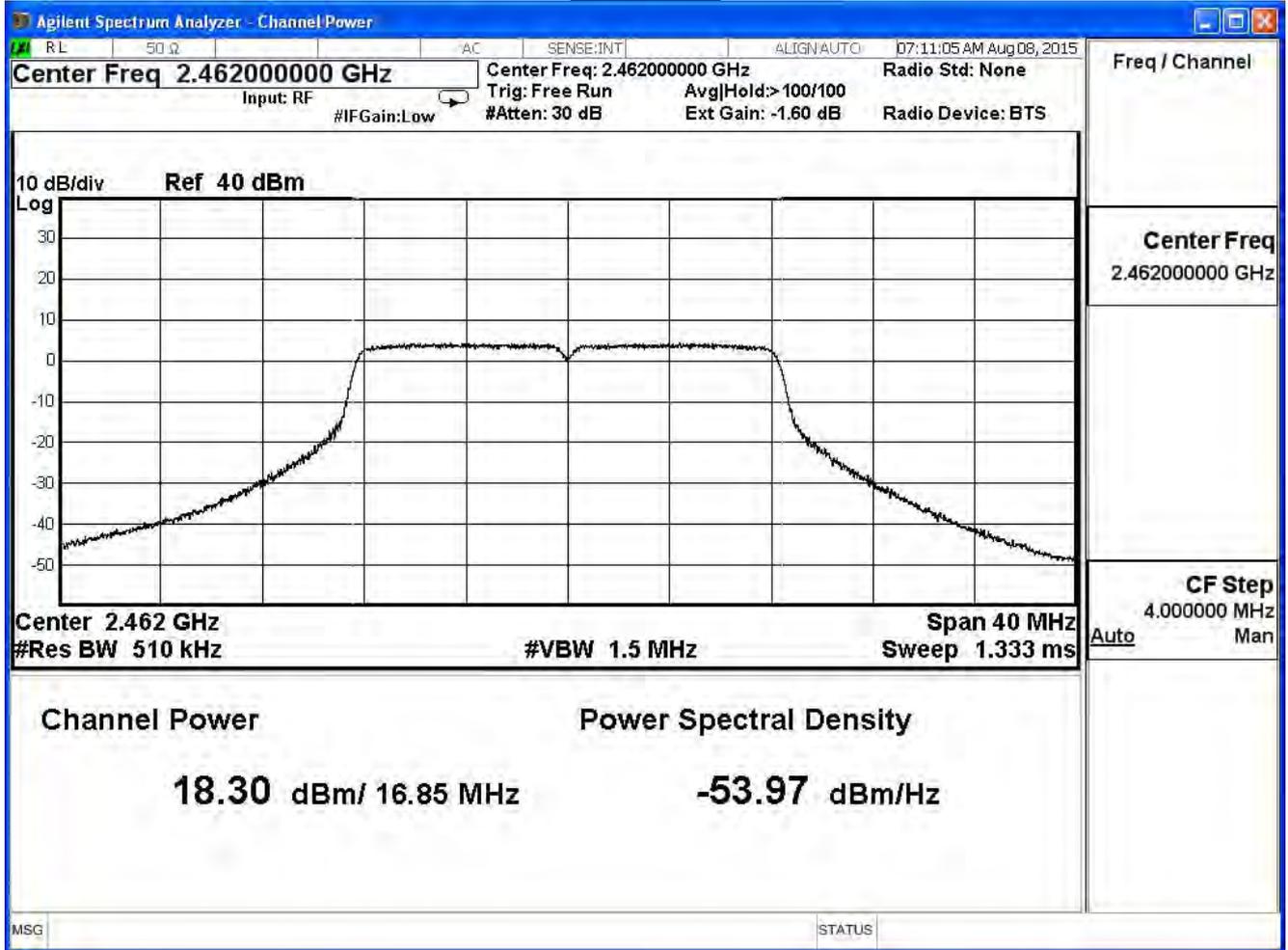
Channel 6



Channel 10



Channel 11



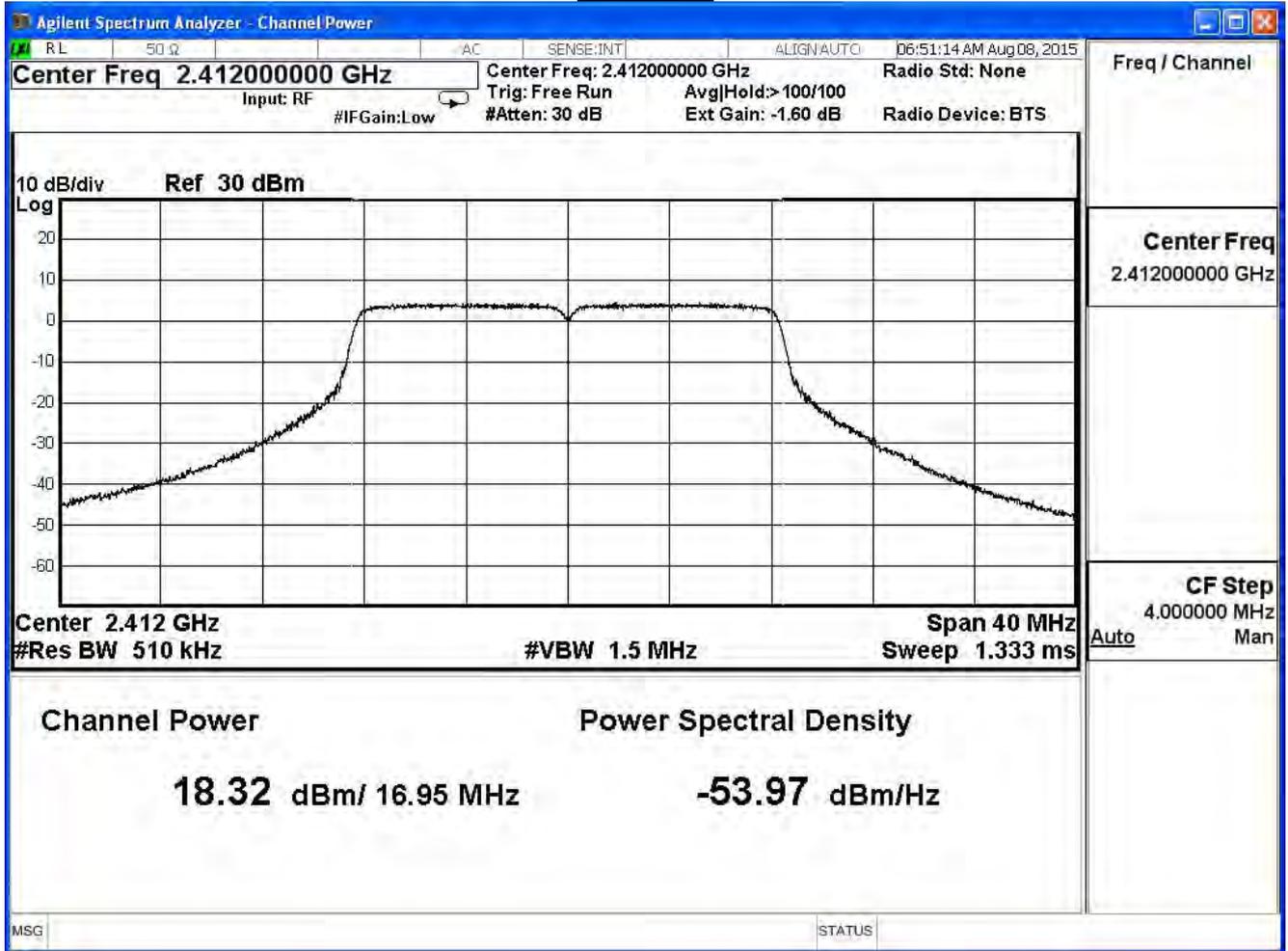
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11g (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.32	≤ 30
2	2417	22.19	≤ 30
6	2437	24.68	≤ 30
10	2457	23.94	≤ 30
11	2462	18.25	≤ 30

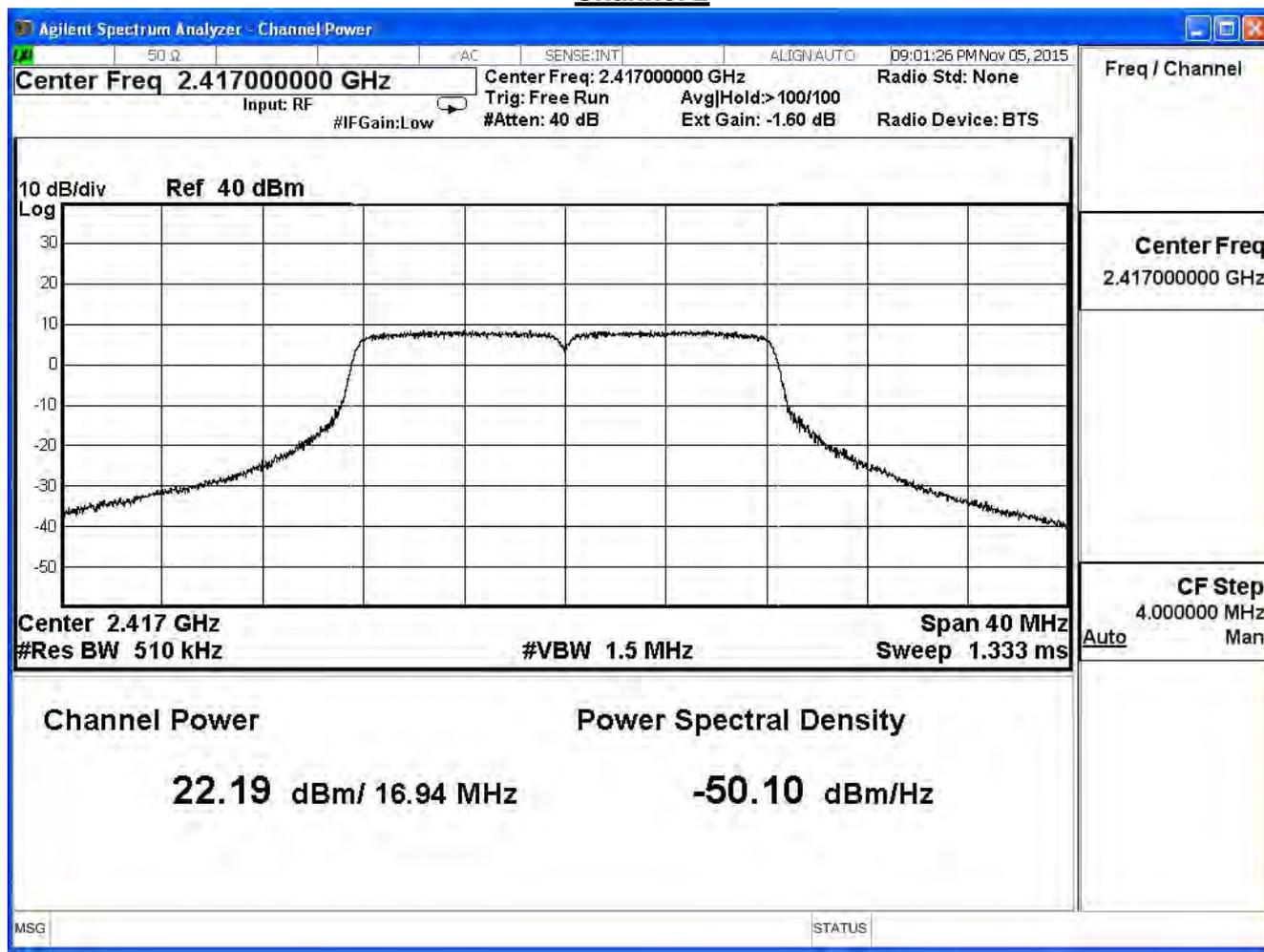
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	18.32	--	--	--	--	--	--	≤ 30
2	2417	22.19	--	--	--	--	--	--	≤ 30
6	2437	24.68	24.62	24.57	24.51	24.48	24.44	24.31	≤ 30
10	2457	23.94	--	--	--	--	--	--	≤ 30
11	2462	18.25	--	--	--	--	--	--	≤ 30

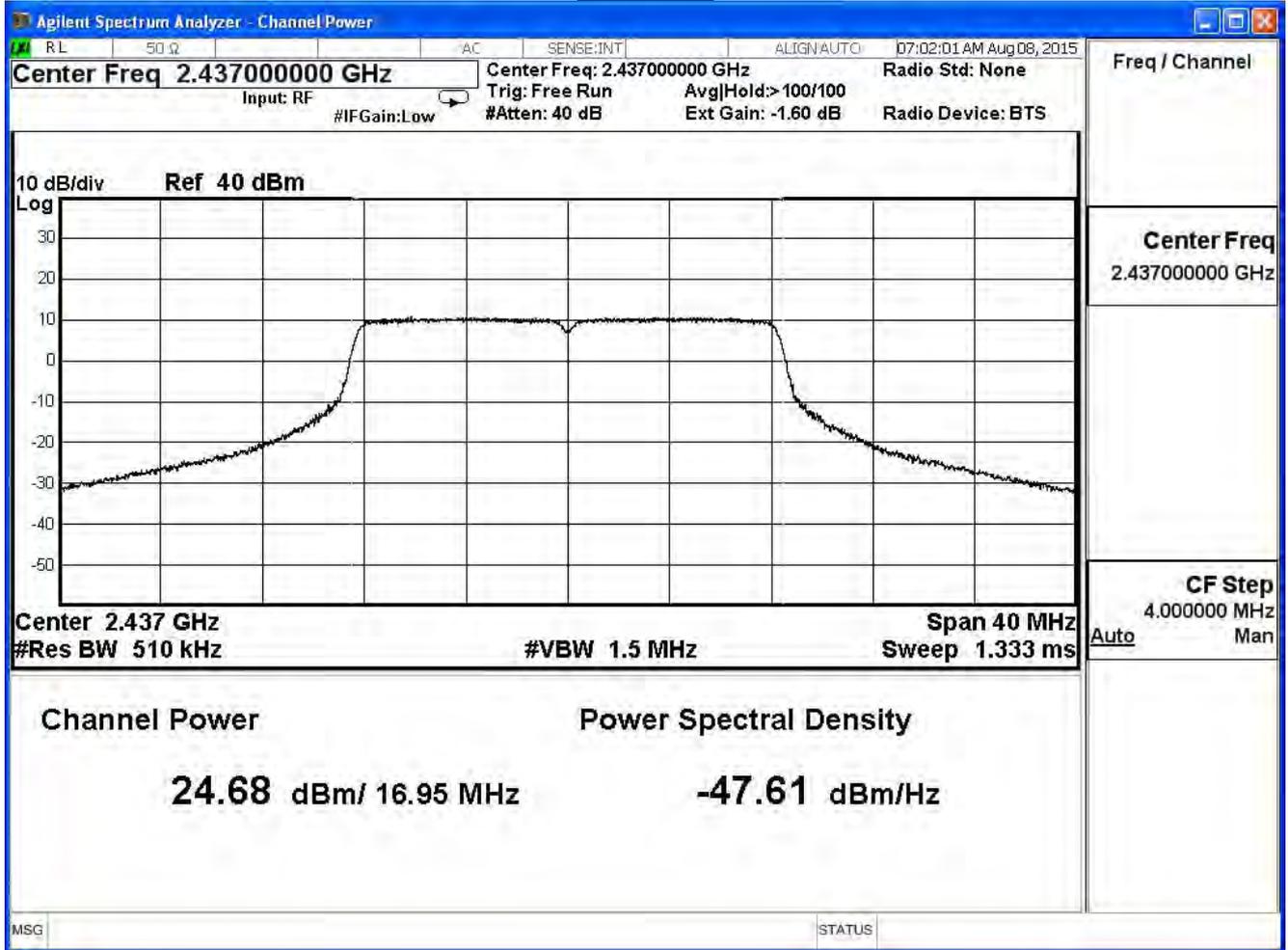
Channel 1



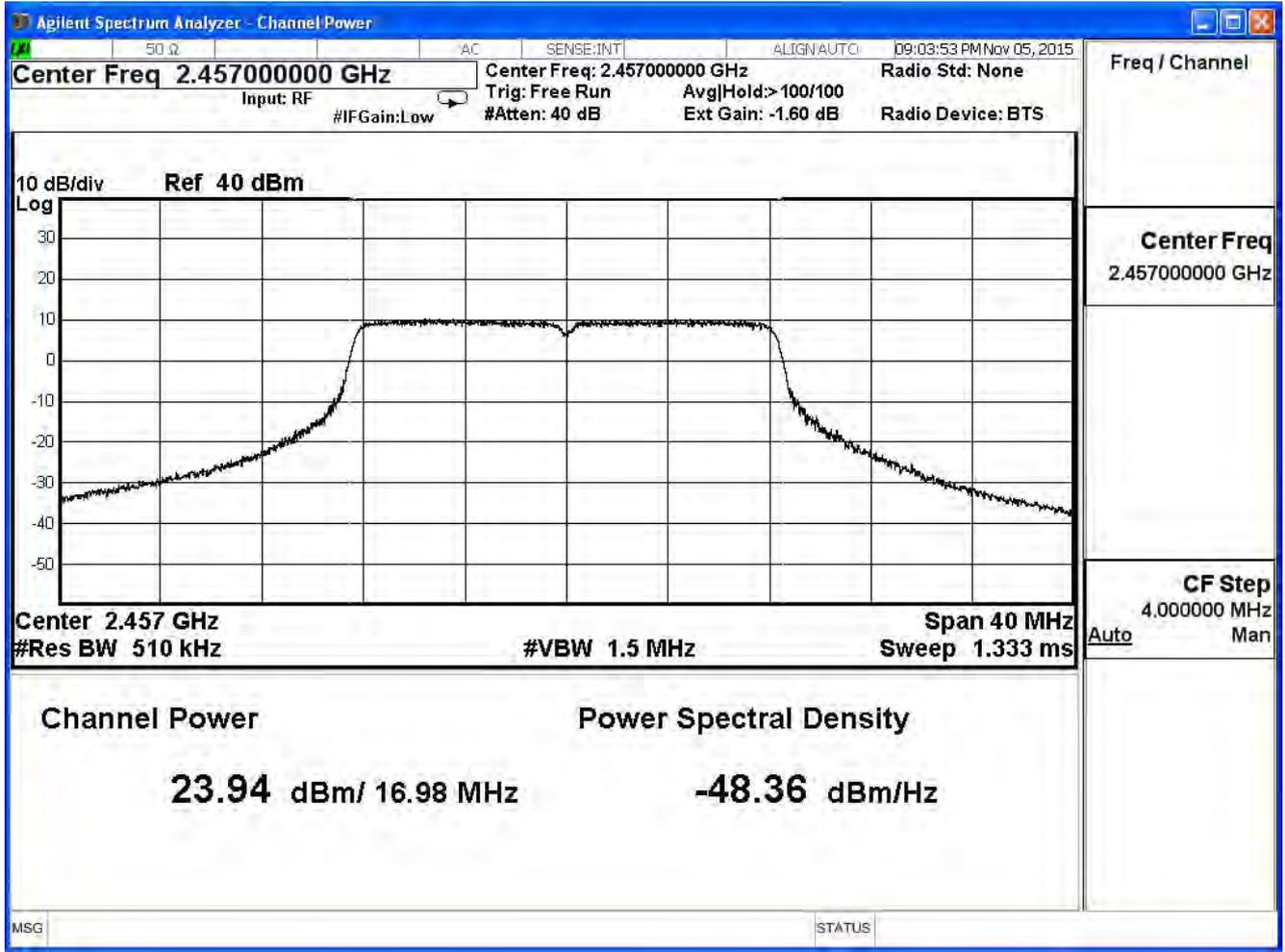
Channel 2



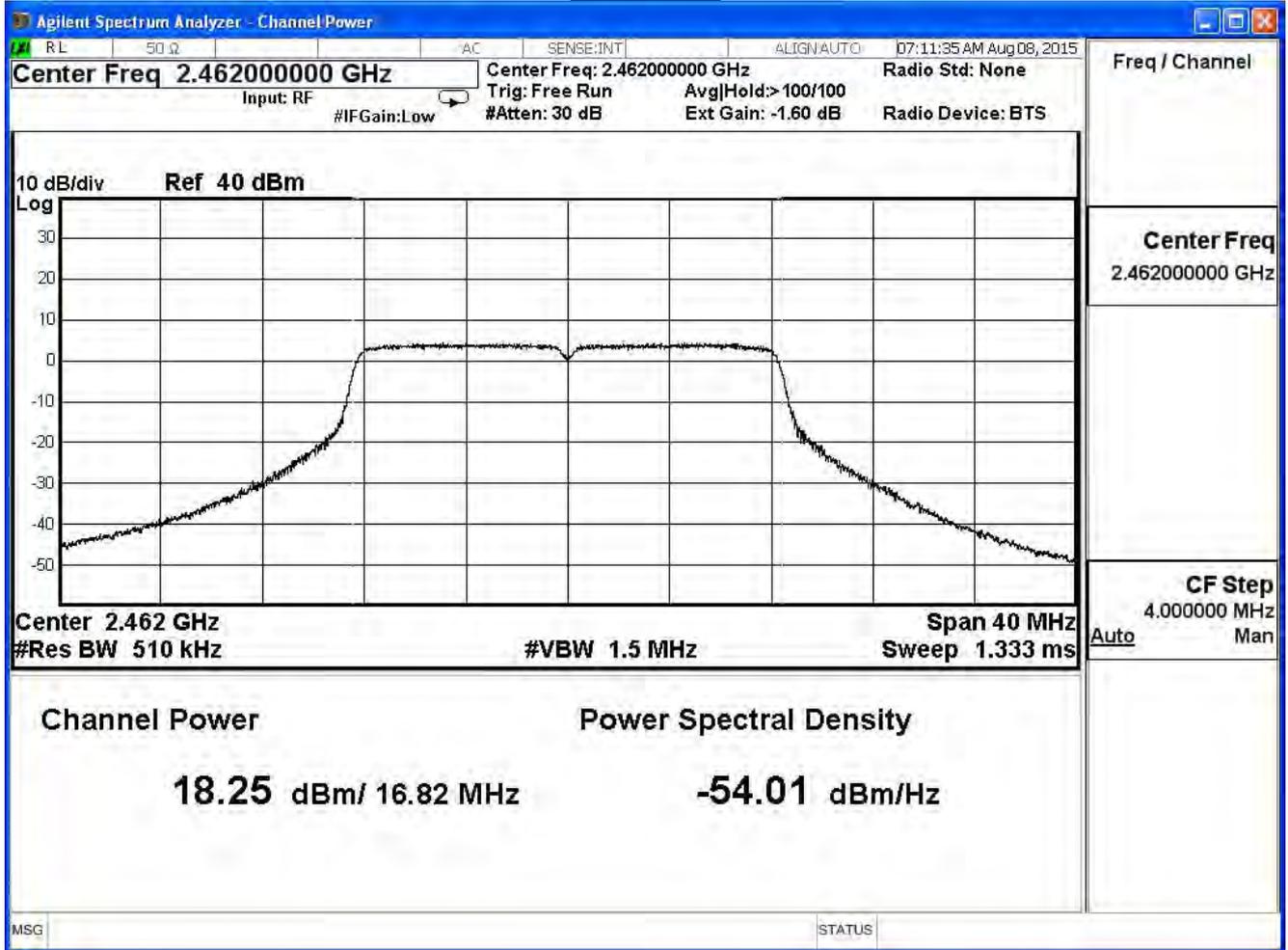
Channel 6



Channel 10



Channel 11



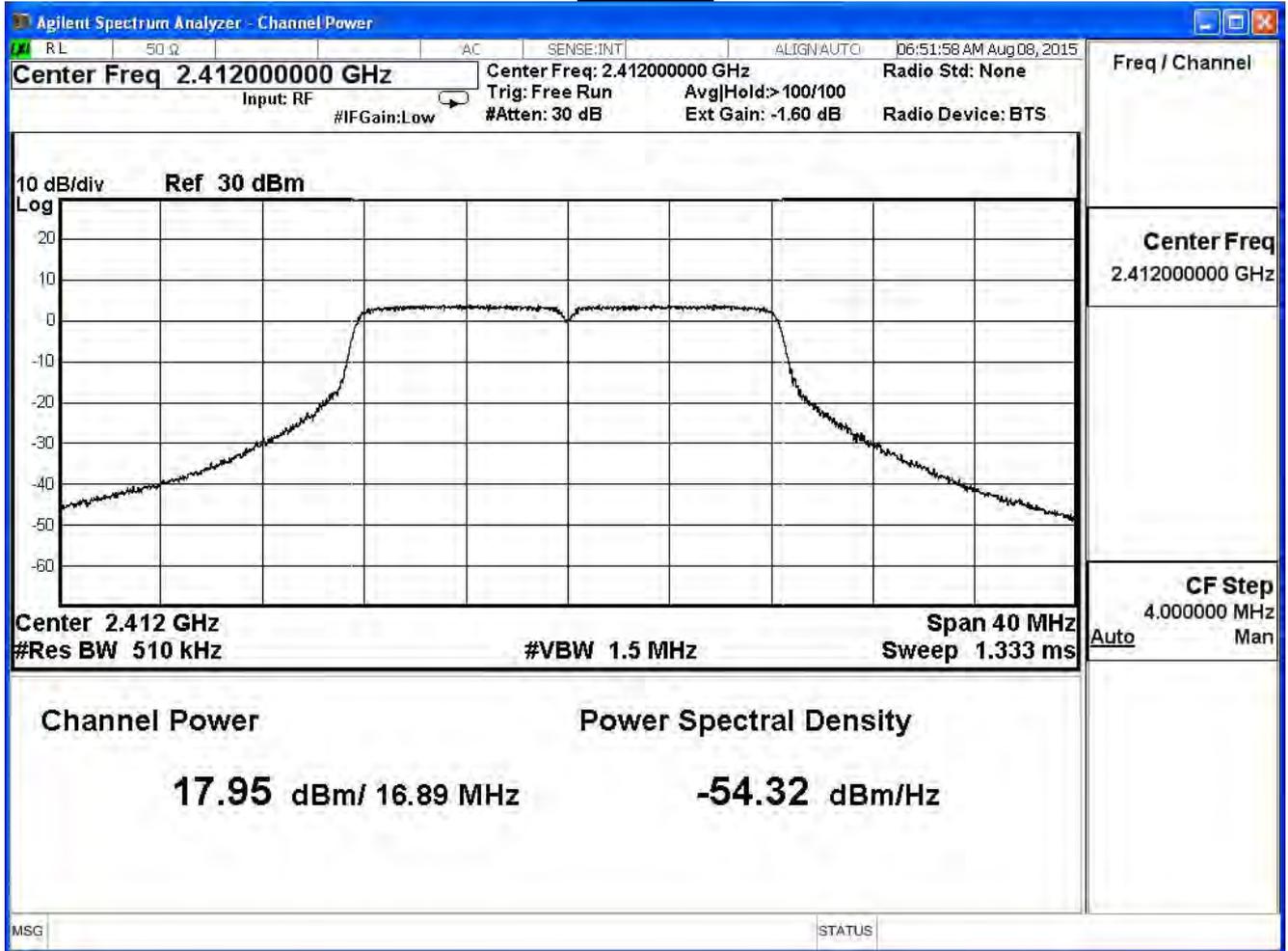
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11g (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	17.95	≤ 30
2	2417	22.29	≤ 30
6	2437	24.98	≤ 30
10	2457	23.58	≤ 30
11	2462	17.94	≤ 30

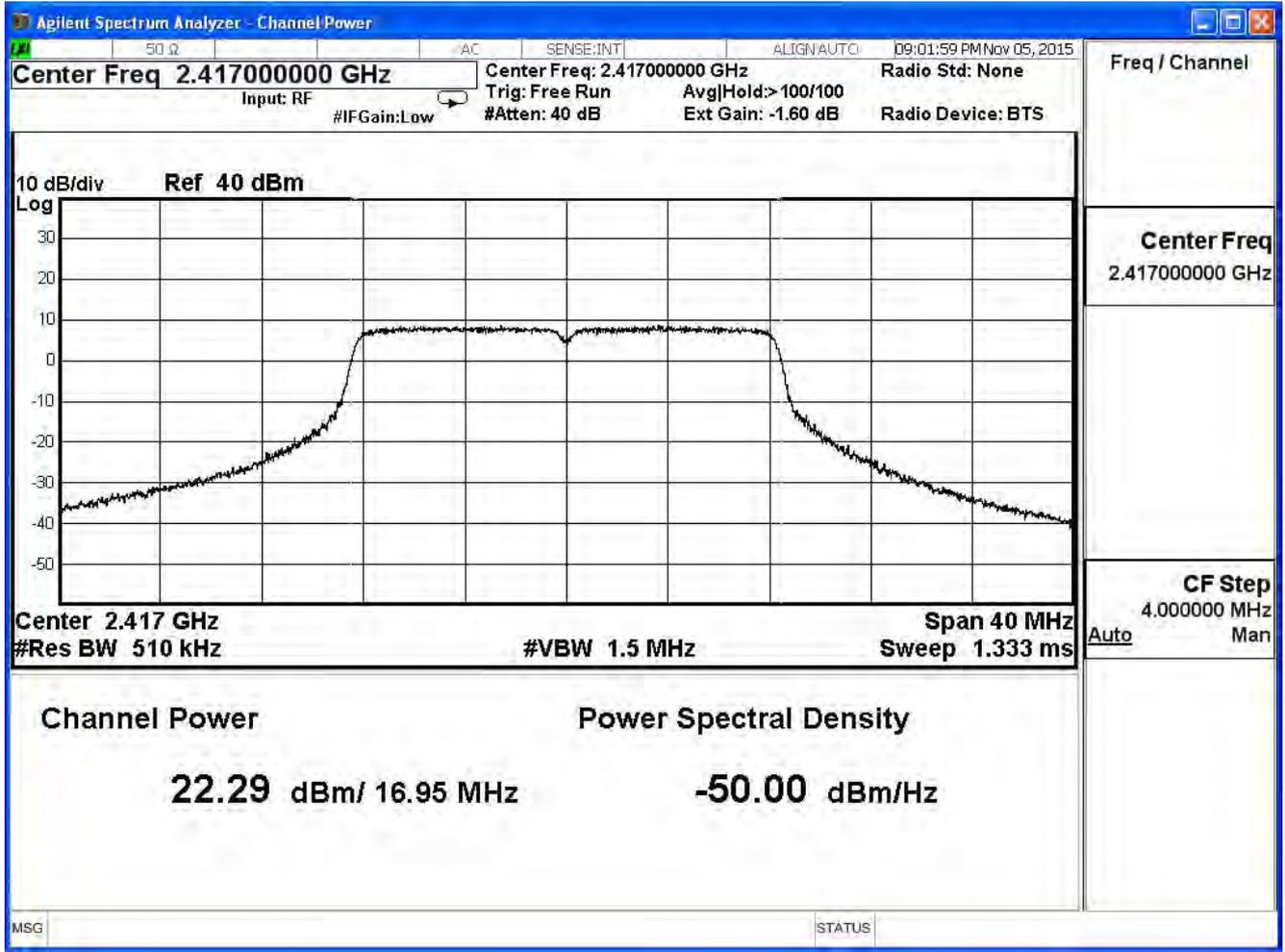
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	17.95	--	--	--	--	--	--	≤ 30
2	2417	22.29	--	--	--	--	--	--	≤ 30
6	2437	24.98	24.90	24.84	24.81	24.74	24.69	24.57	≤ 30
10	2457	23.58	--	--	--	--	--	--	≤ 30
11	2462	17.94	--	--	--	--	--	--	≤ 30

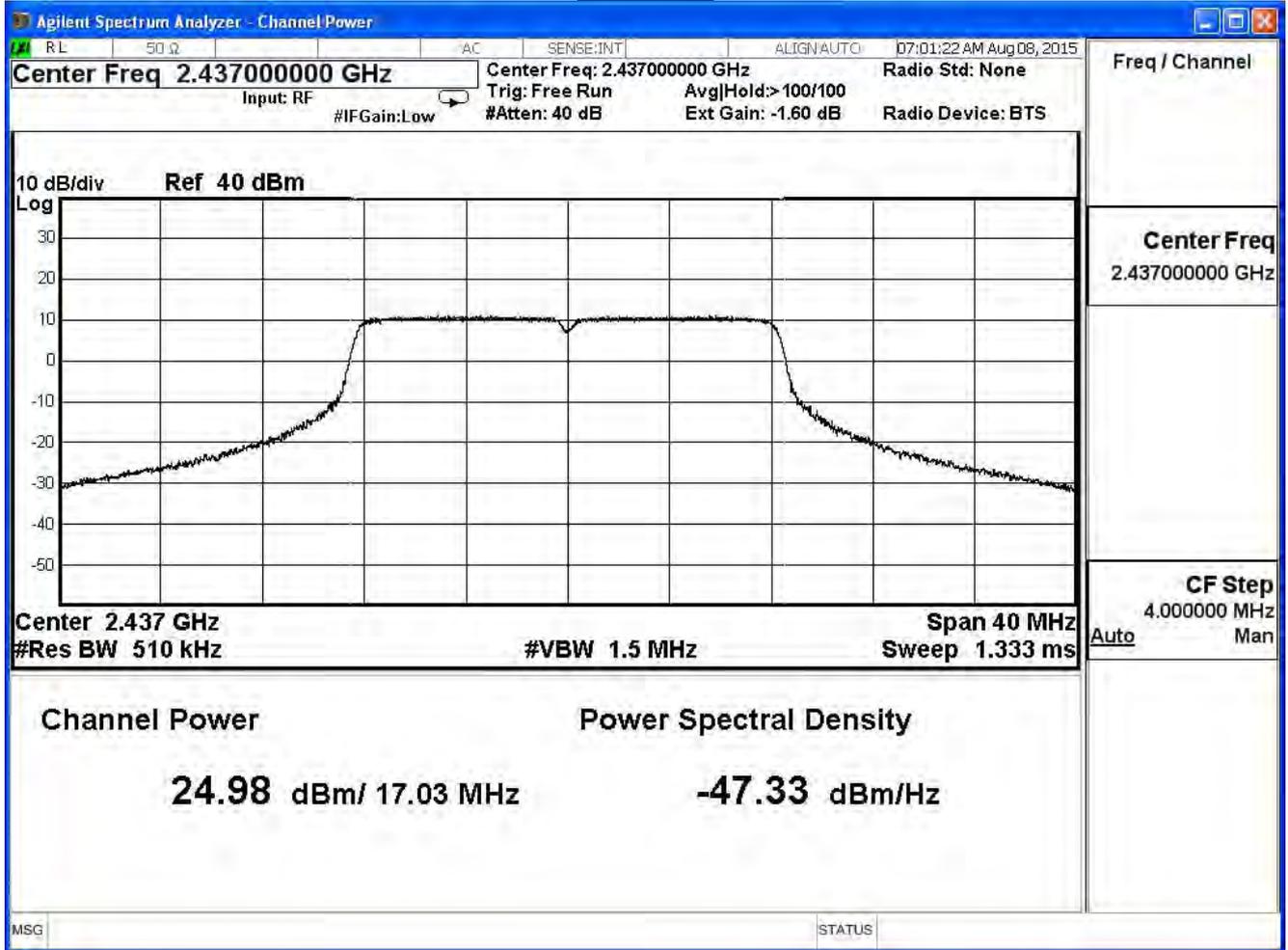
Channel 1



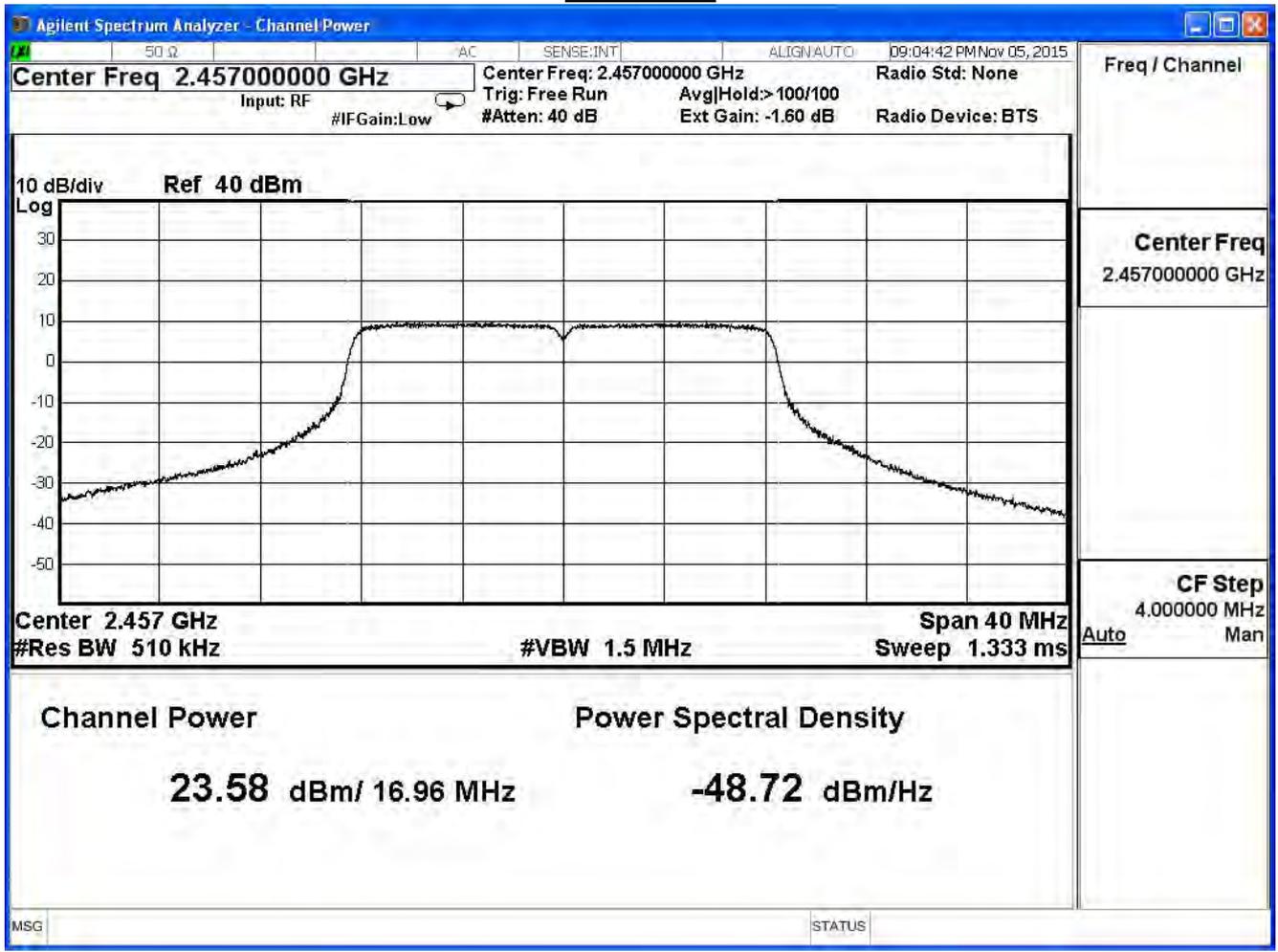
Channel 2



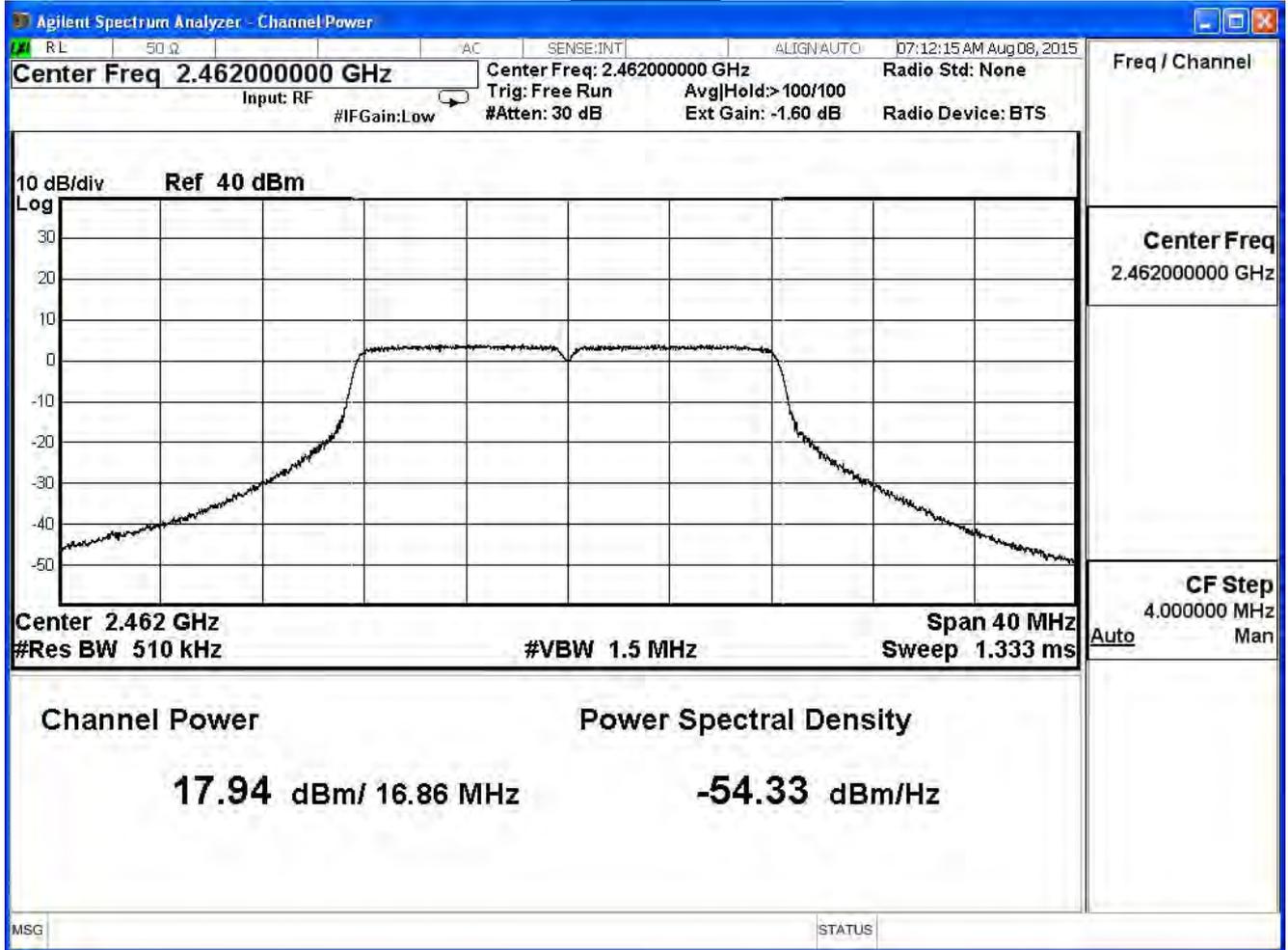
Channel 6



Channel 10



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11g (ANT 0+1+2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.92	≤ 30
2	2417	27.05	≤ 30
6	2437	29.62	≤ 30
10	2457	28.60	≤ 30
11	2462	22.94	≤ 30

The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	22.92	--	--	--	--	--	--	≤ 30
2	2417	27.05	--	--	--	--	--	--	≤ 30
6	2437	29.62	29.54	29.48	29.44	29.38	29.34	29.24	≤ 30
10	2457	28.60	--	--	--	--	--	--	≤ 30
11	2462	22.94	--	--	--	--	--	--	≤ 30

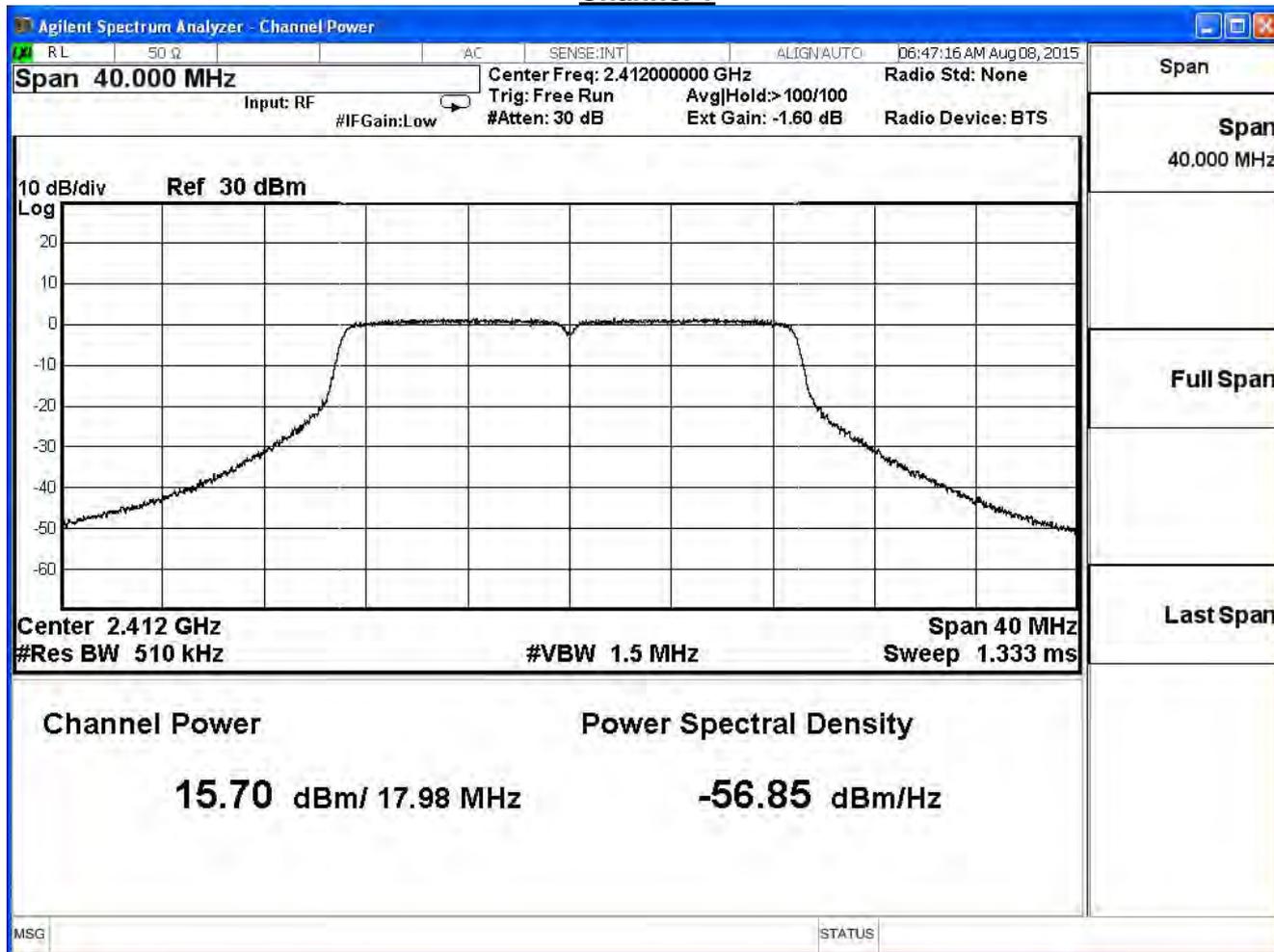
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_20M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.70	≤ 30
2	2417	21.29	≤ 30
6	2437	24.86	≤ 30
10	2457	23.94	≤ 30
11	2462	16.24	≤ 30

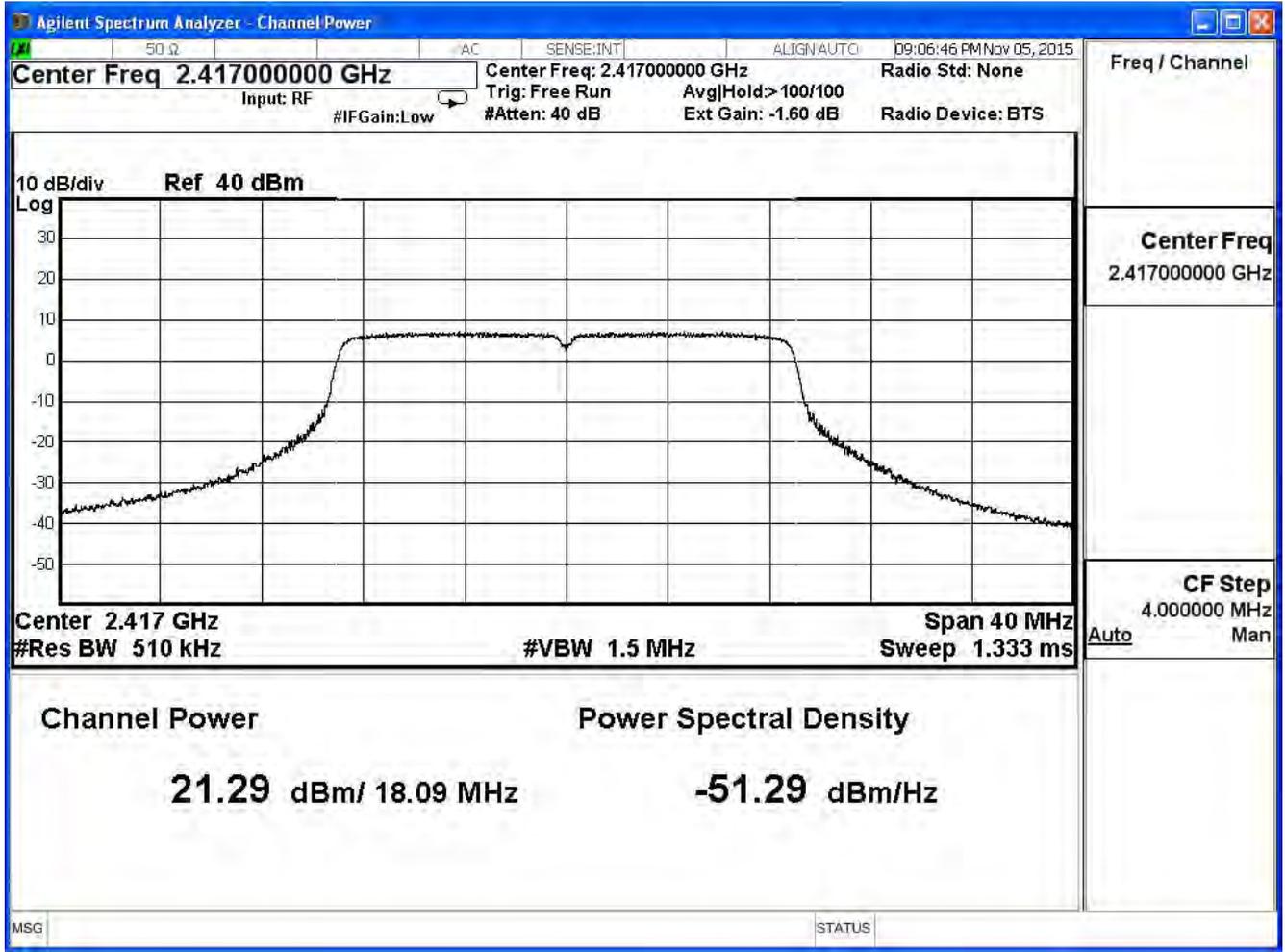
The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	15.70	--	--	--	--	--	--	--	≤ 30
2	2417	21.29	--	--	--	--	--	--	--	≤ 30
6	2437	24.86	24.80	24.77	24.74	24.68	24.61	24.55	24.48	≤ 30
10	2457	23.94	--	--	--	--	--	--	--	≤ 30
11	2462	16.24	--	--	--	--	--	--	--	≤ 30

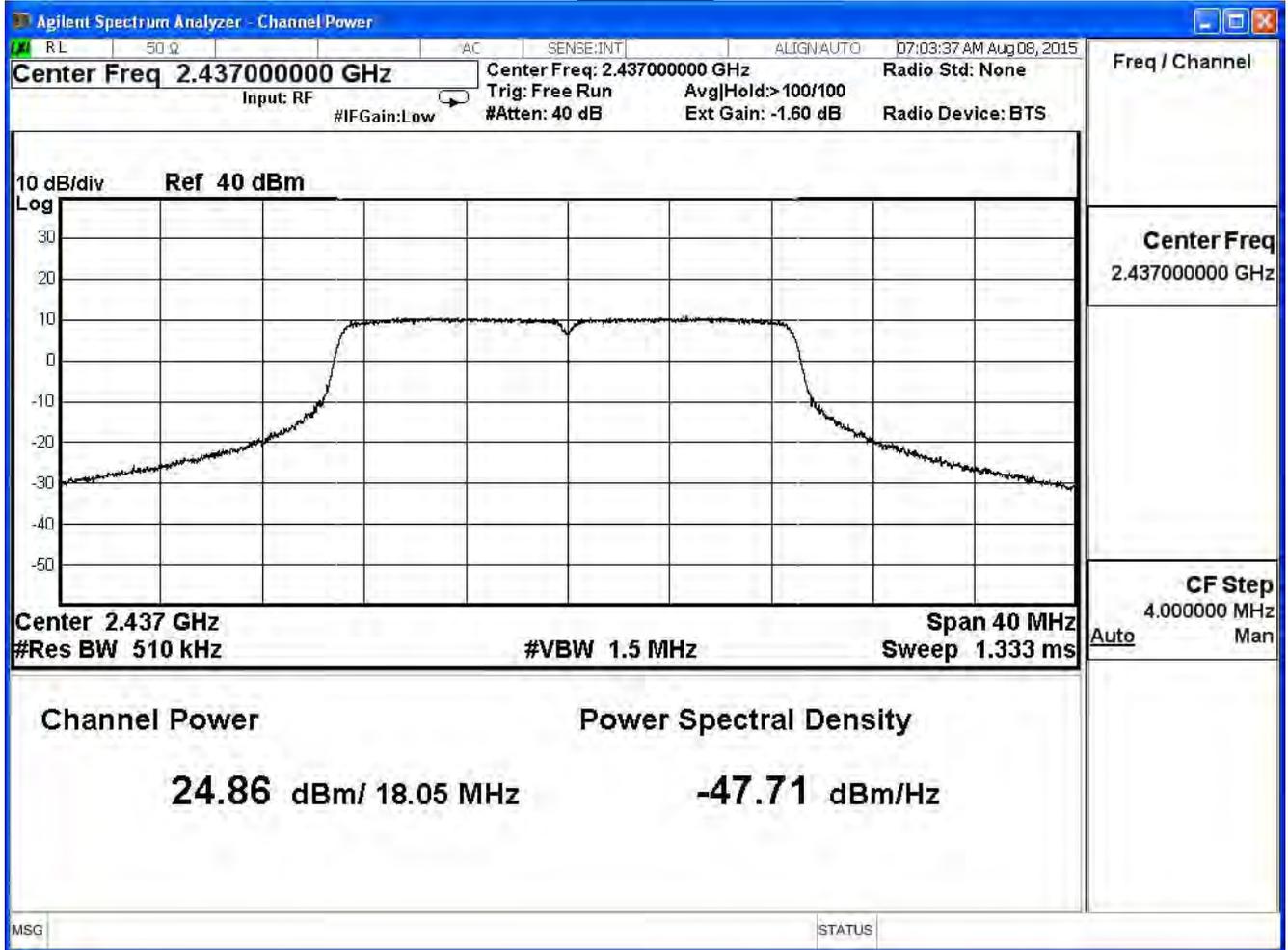
Channel 1



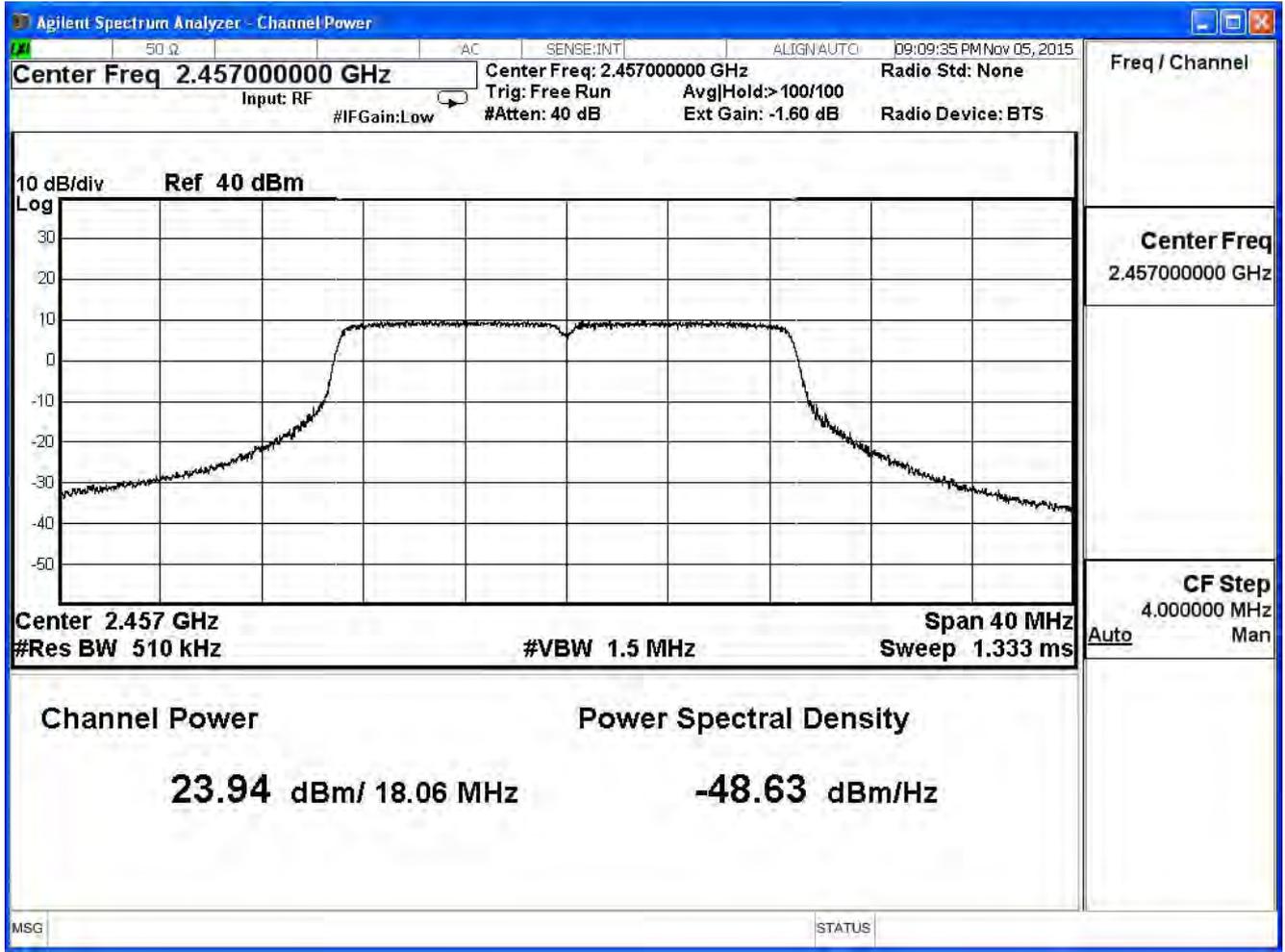
Channel 2



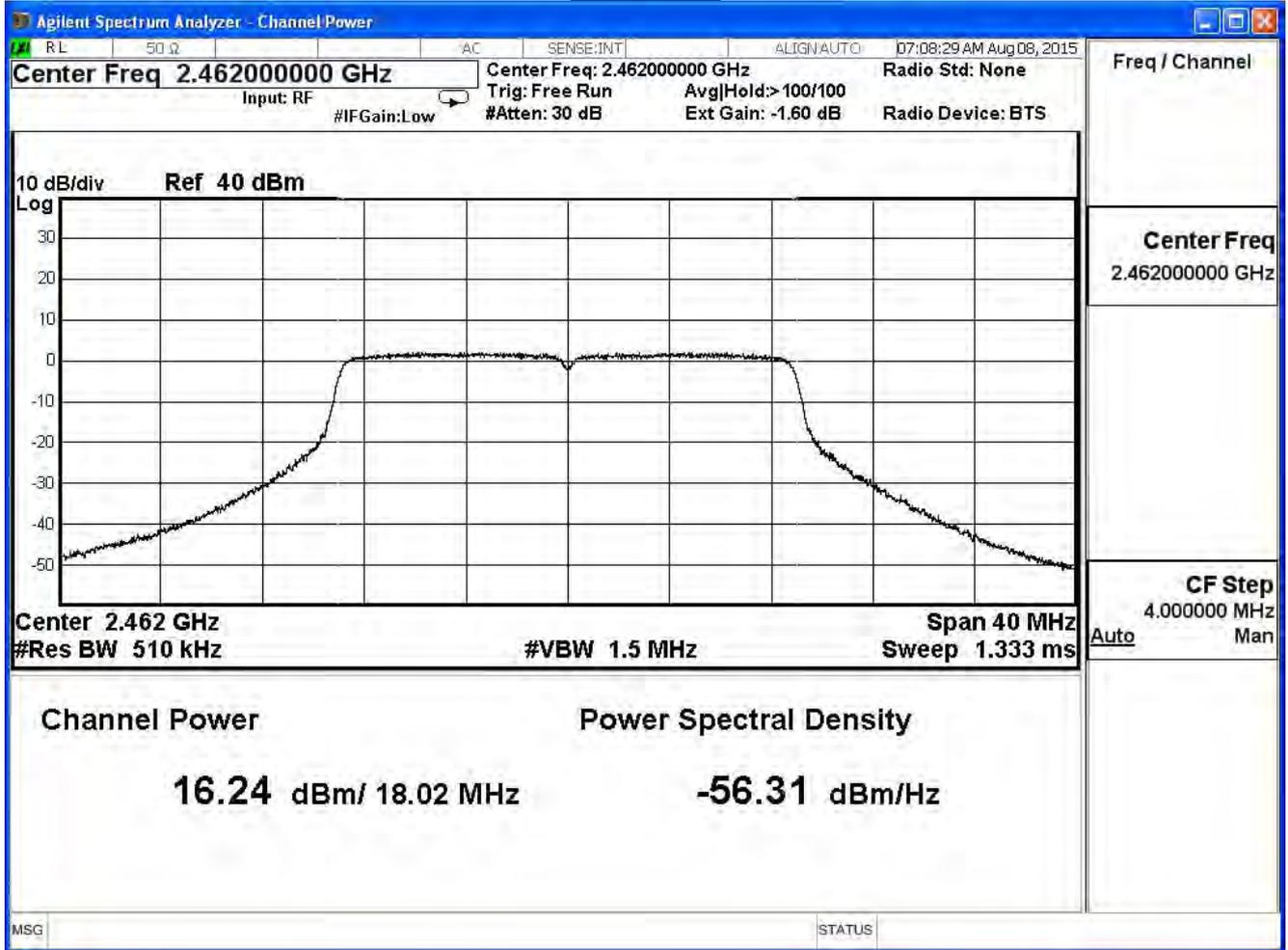
Channel 6



Channel 10



Channel 11



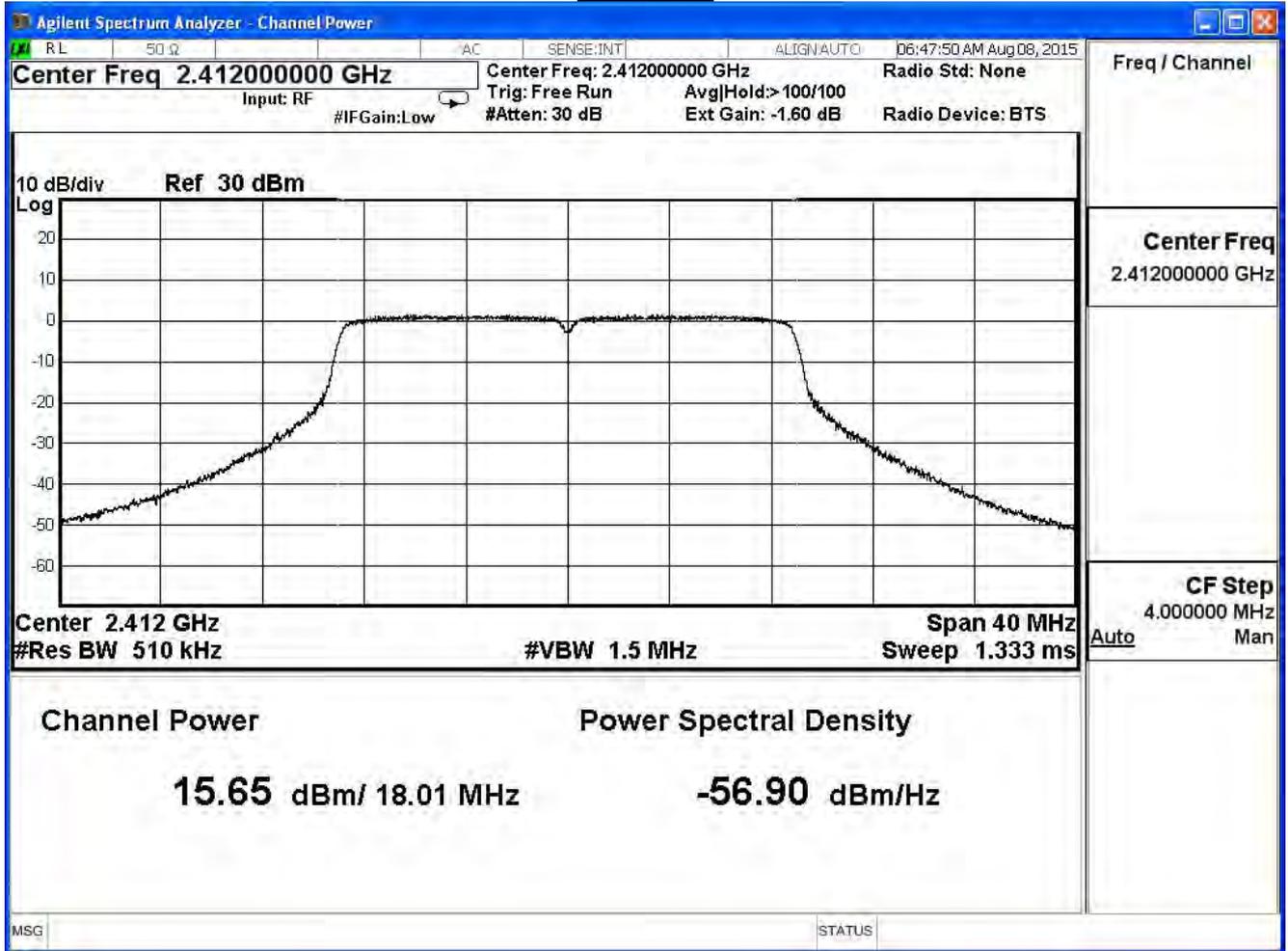
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_20M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.65	≤ 30
2	2417	21.33	≤ 30
6	2437	24.59	≤ 30
10	2457	23.83	≤ 30
11	2462	15.95	≤ 30

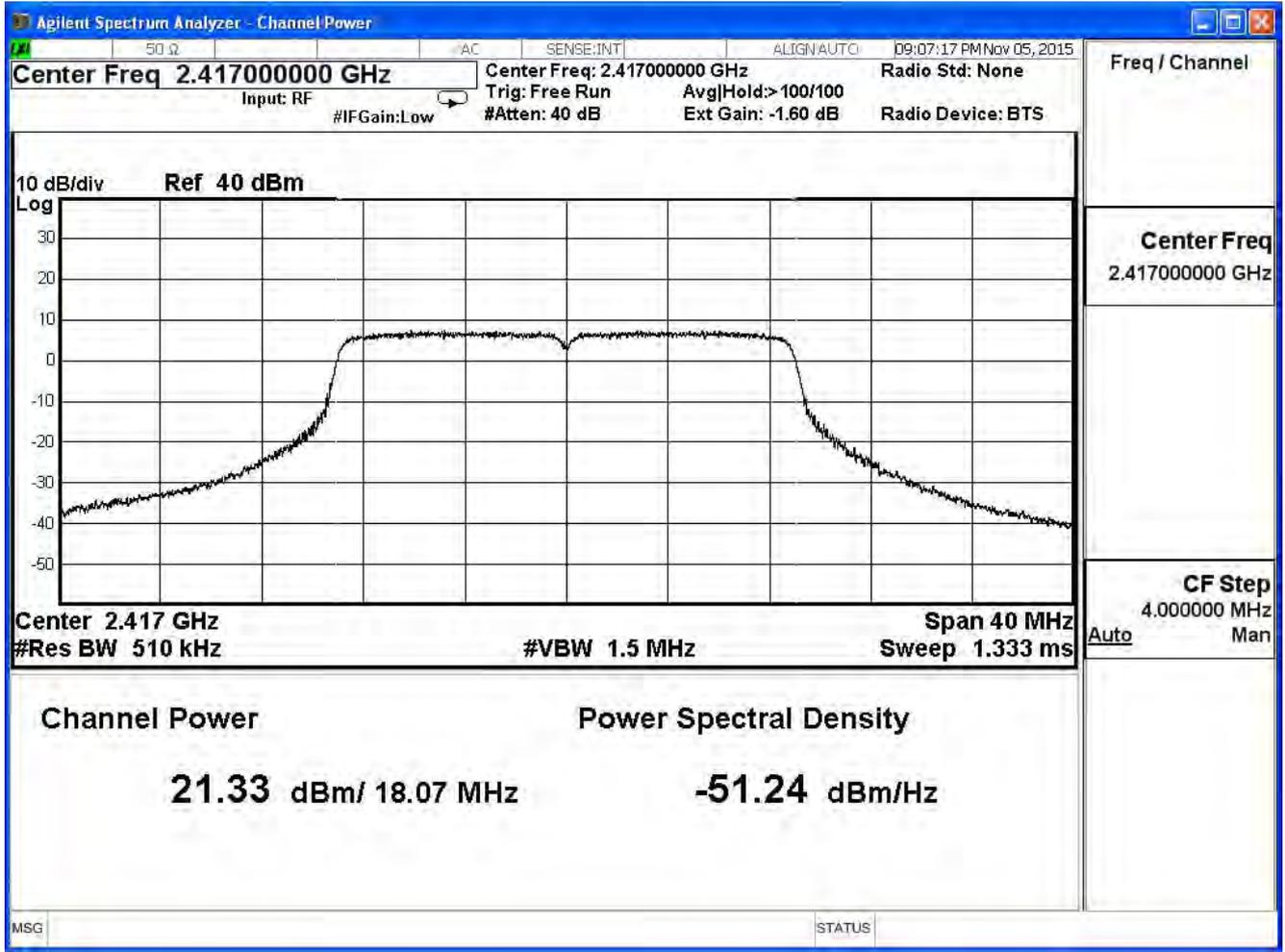
The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	15.65	--	--	--	--	--	--	--	≤ 30
2	2417	21.33	--	--	--	--	--	--	--	≤ 30
6	2437	24.59	24.50	24.45	24.38	24.33	24.21	24.01	23.88	≤ 30
10	2457	23.83	--	--	--	--	--	--	--	≤ 30
11	2462	15.95	--	--	--	--	--	--	--	≤ 30

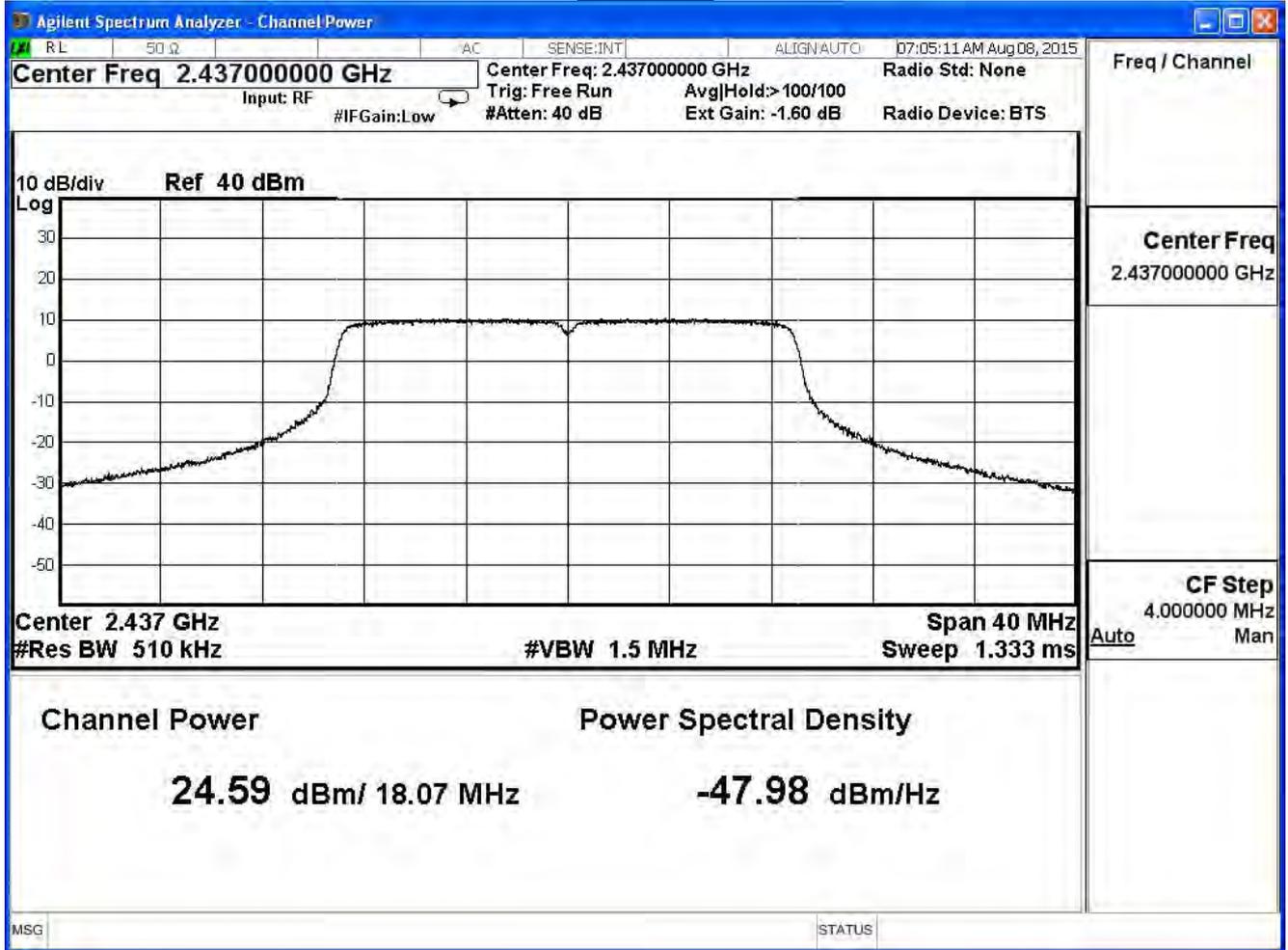
Channel 1



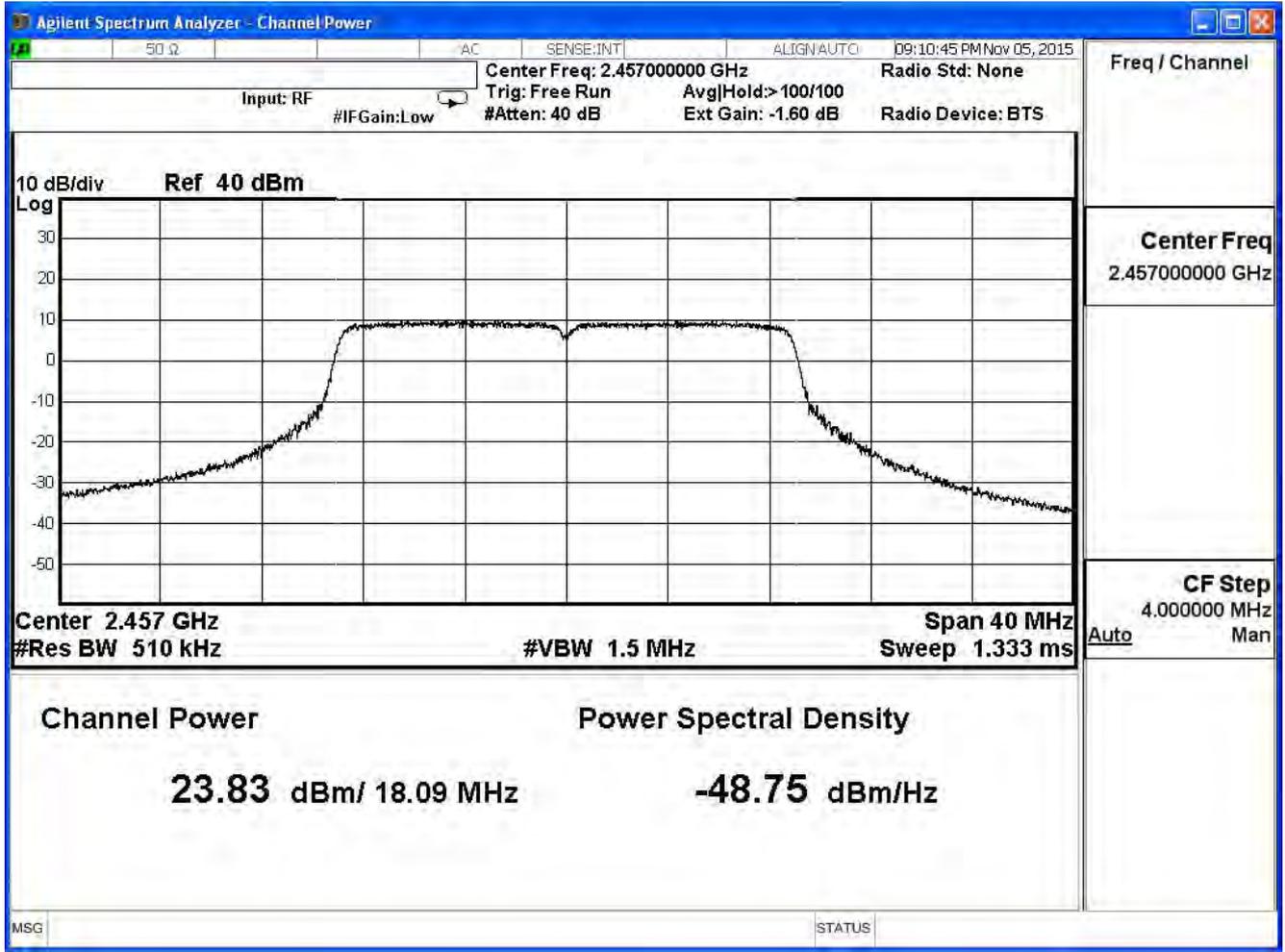
Channel 2



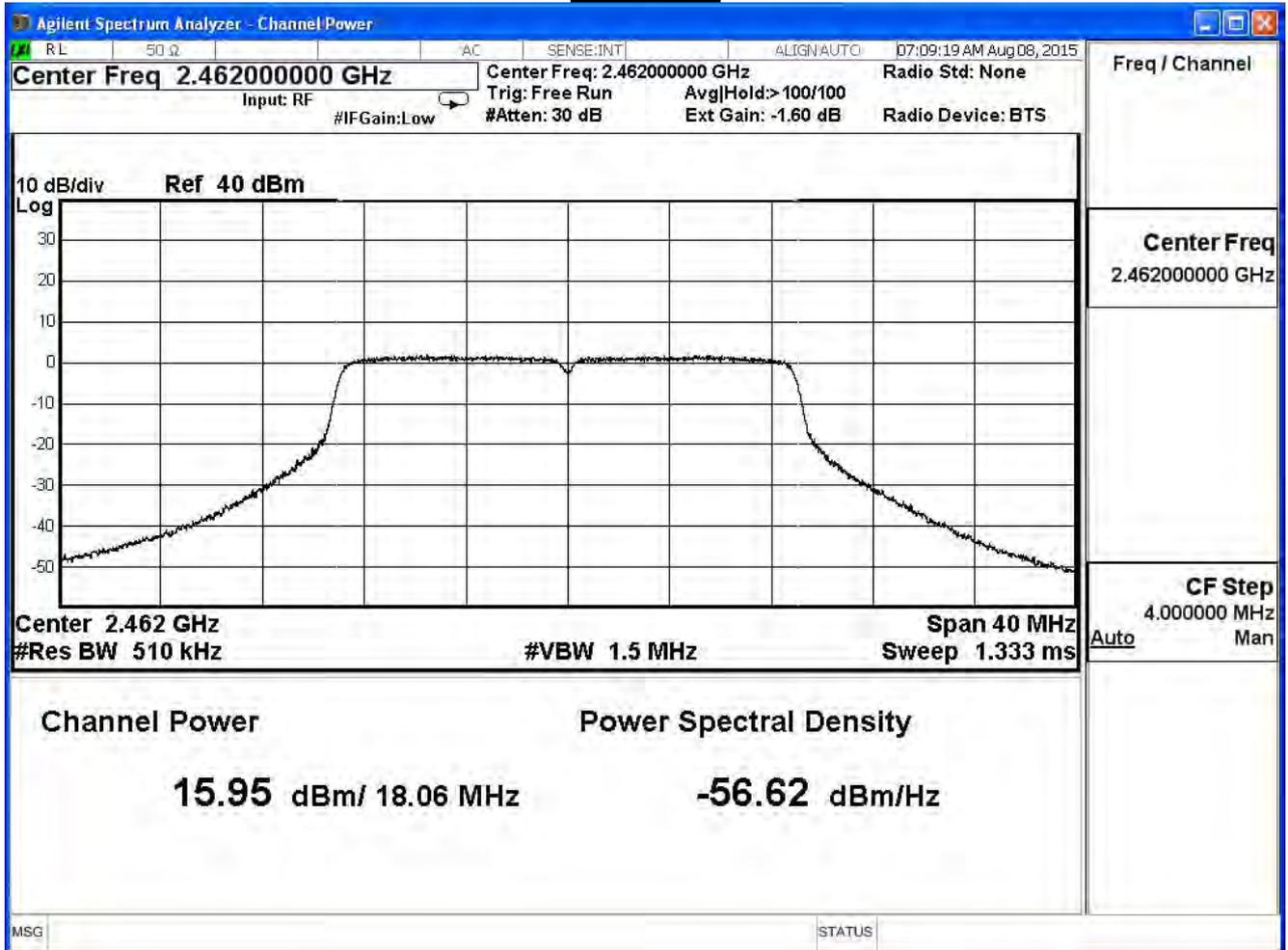
Channel 6



Channel 10



Channel 11



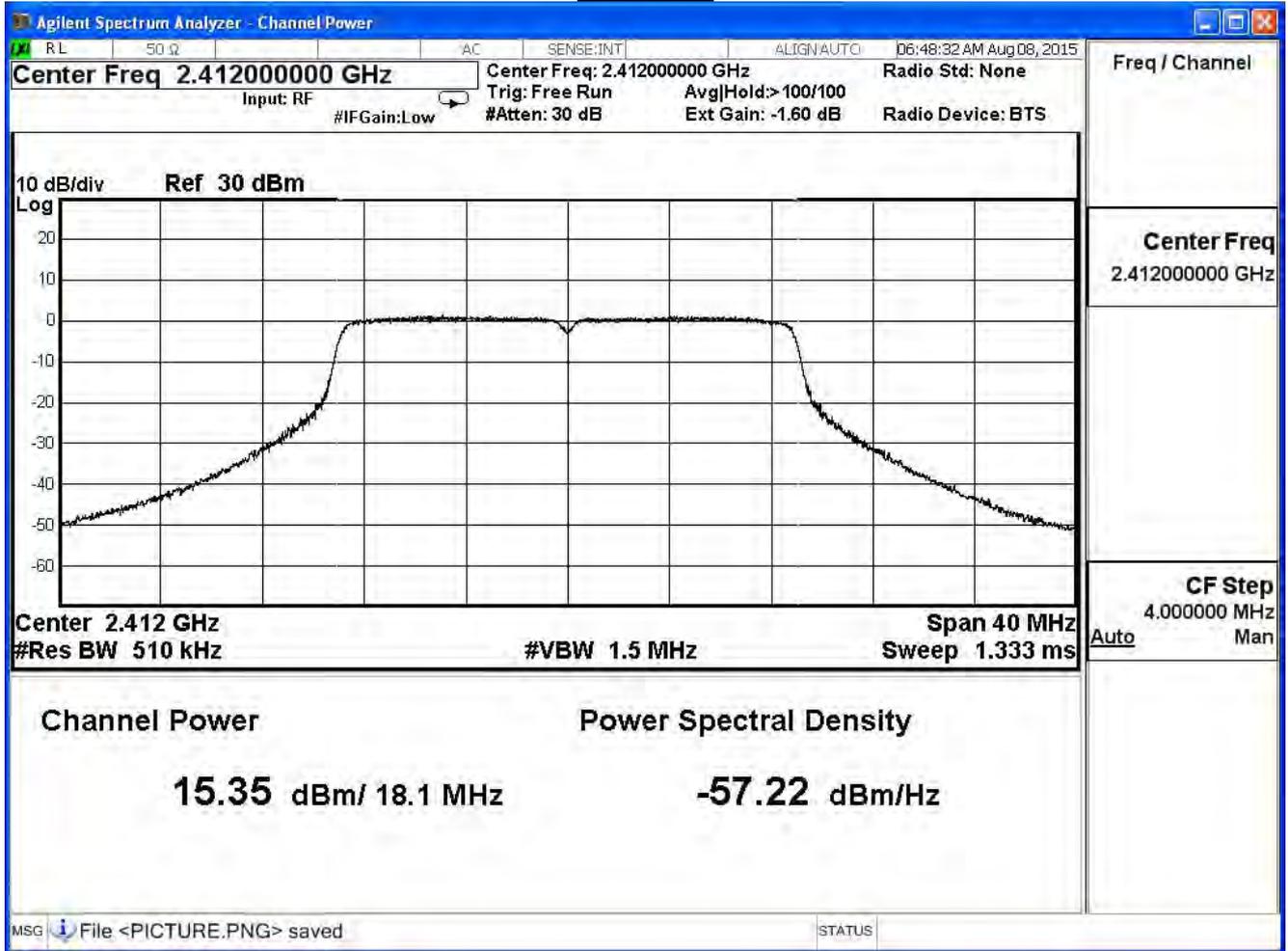
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_20M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.35	≤ 30
2	2417	20.95	≤ 30
6	2437	24.61	≤ 30
10	2457	23.47	≤ 30
11	2462	15.74	≤ 30

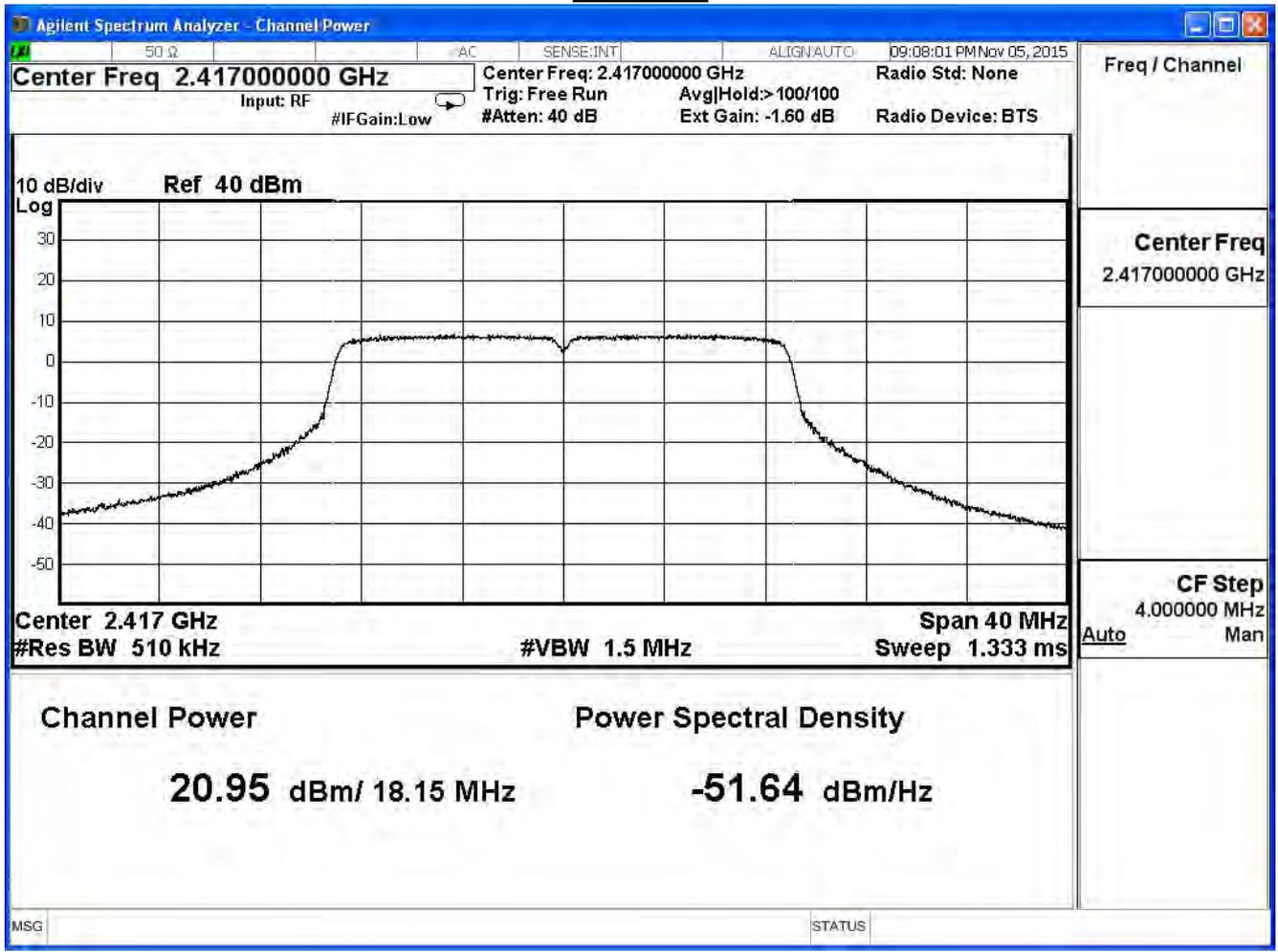
The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	15.35	--	--	--	--	--	--	--	≤ 30
2	2417	20.95	--	--	--	--	--	--	--	≤ 30
6	2437	24.61	24.41	24.44	24.31	24.26	24.13	24.07	23.94	≤ 30
10	2457	23.47	--	--	--	--	--	--	--	≤ 30
11	2462	15.74	--	--	--	--	--	--	--	≤ 30

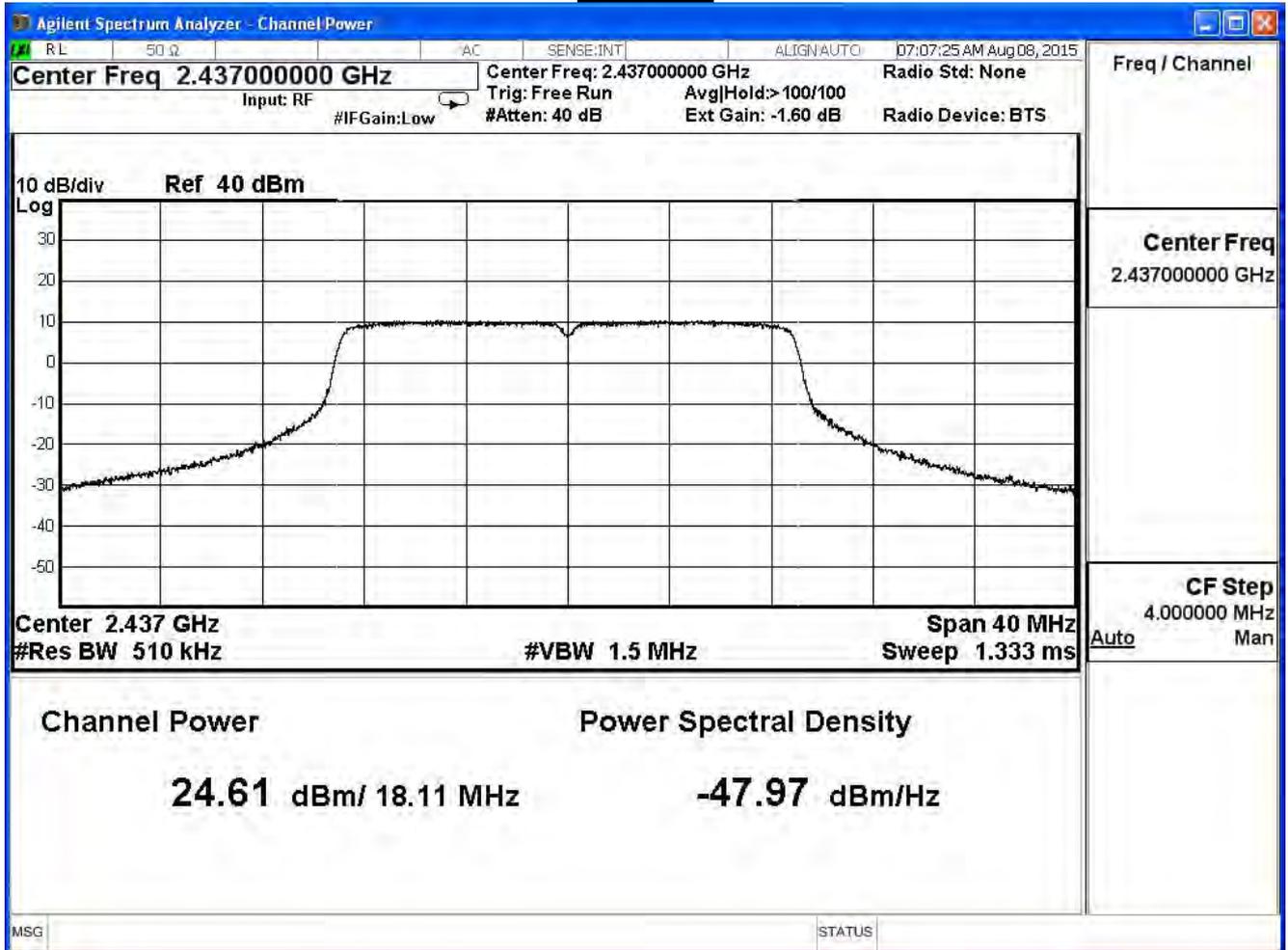
Channel 1



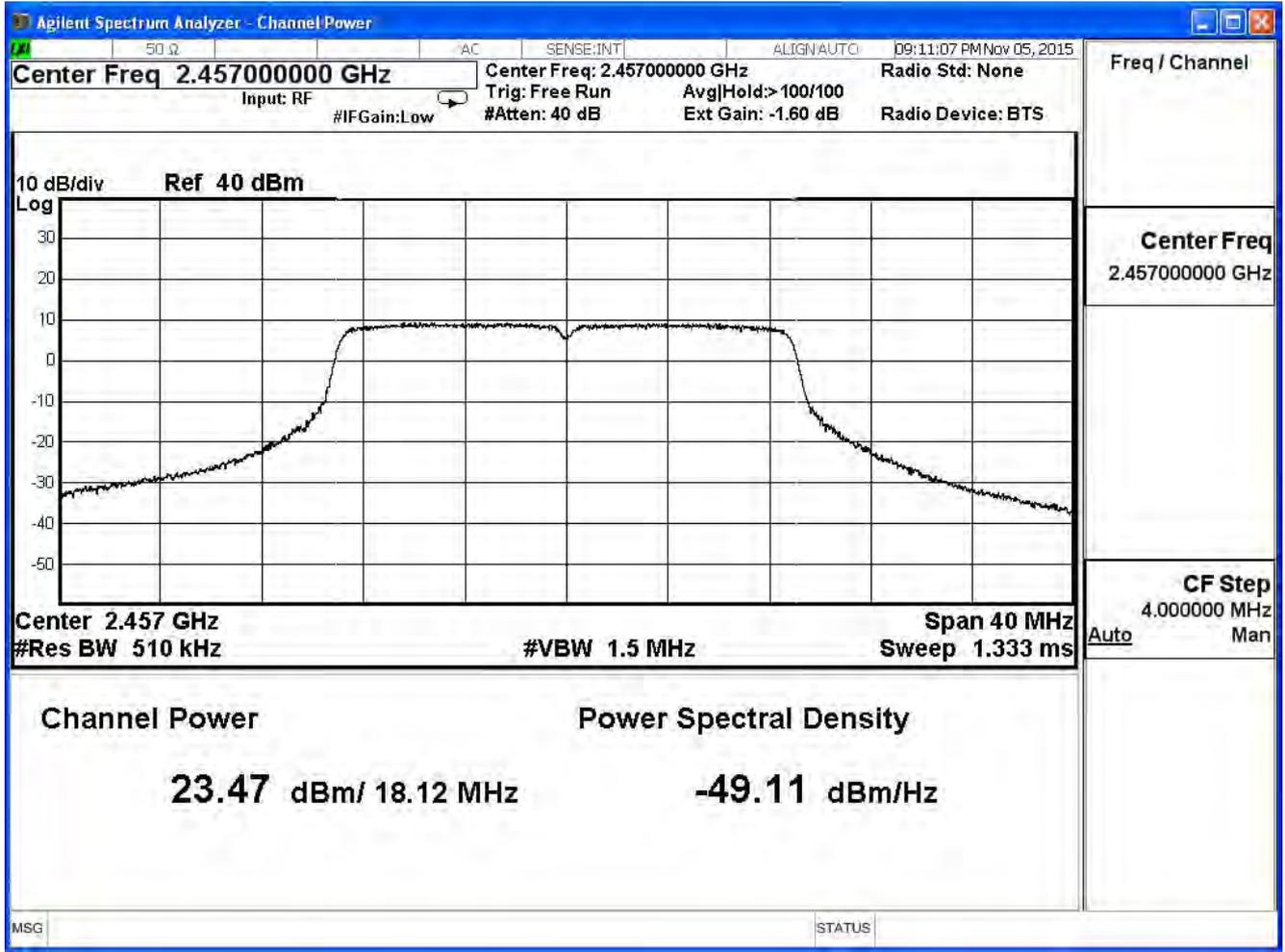
Channel 2



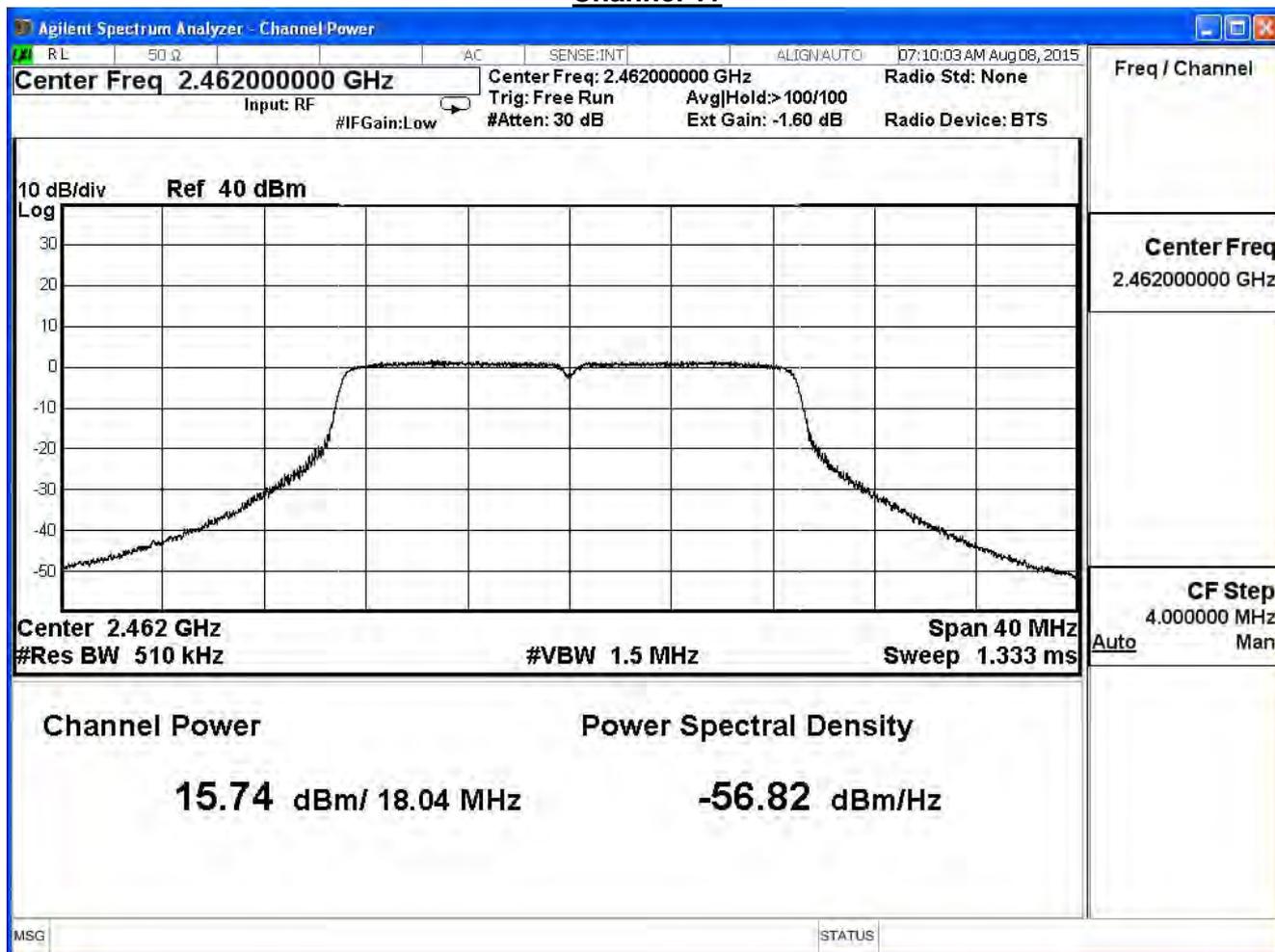
Channel 6



Channel 10



Channel 11



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_20M (ANT 0+1+2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.34	≤ 30
2	2417	25.96	≤ 30
6	2437	29.46	≤ 30
10	2457	28.52	≤ 30
11	2462	20.75	≤ 30

The worst emission of data rate is 6.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	20.34	--	--	--	--	--	--	--	≤ 30
2	2417	25.96	--	--	--	--	--	--	--	≤ 30
6	2437	29.46	29.34	29.33	29.25	29.20	29.09	28.99	28.88	≤ 30
10	2457	28.52	--	--	--	--	--	--	--	≤ 30
11	2462	20.75	--	--	--	--	--	--	--	≤ 30

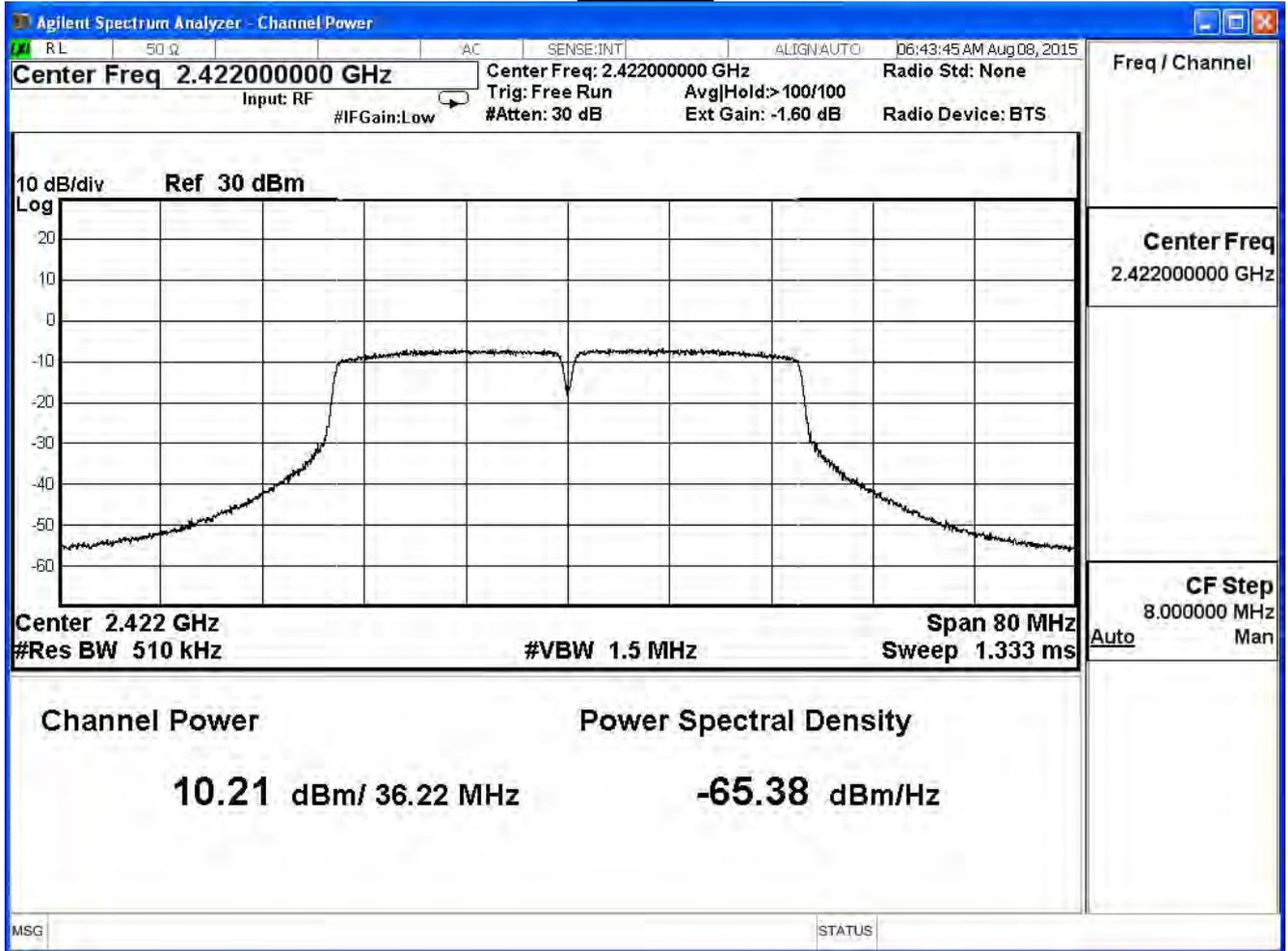
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_40M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	10.21	≤ 30
4	2427	14.34	≤ 30
6	2437	18.56	≤ 30
8	2447	14.45	≤ 30
9	2452	10.32	≤ 30

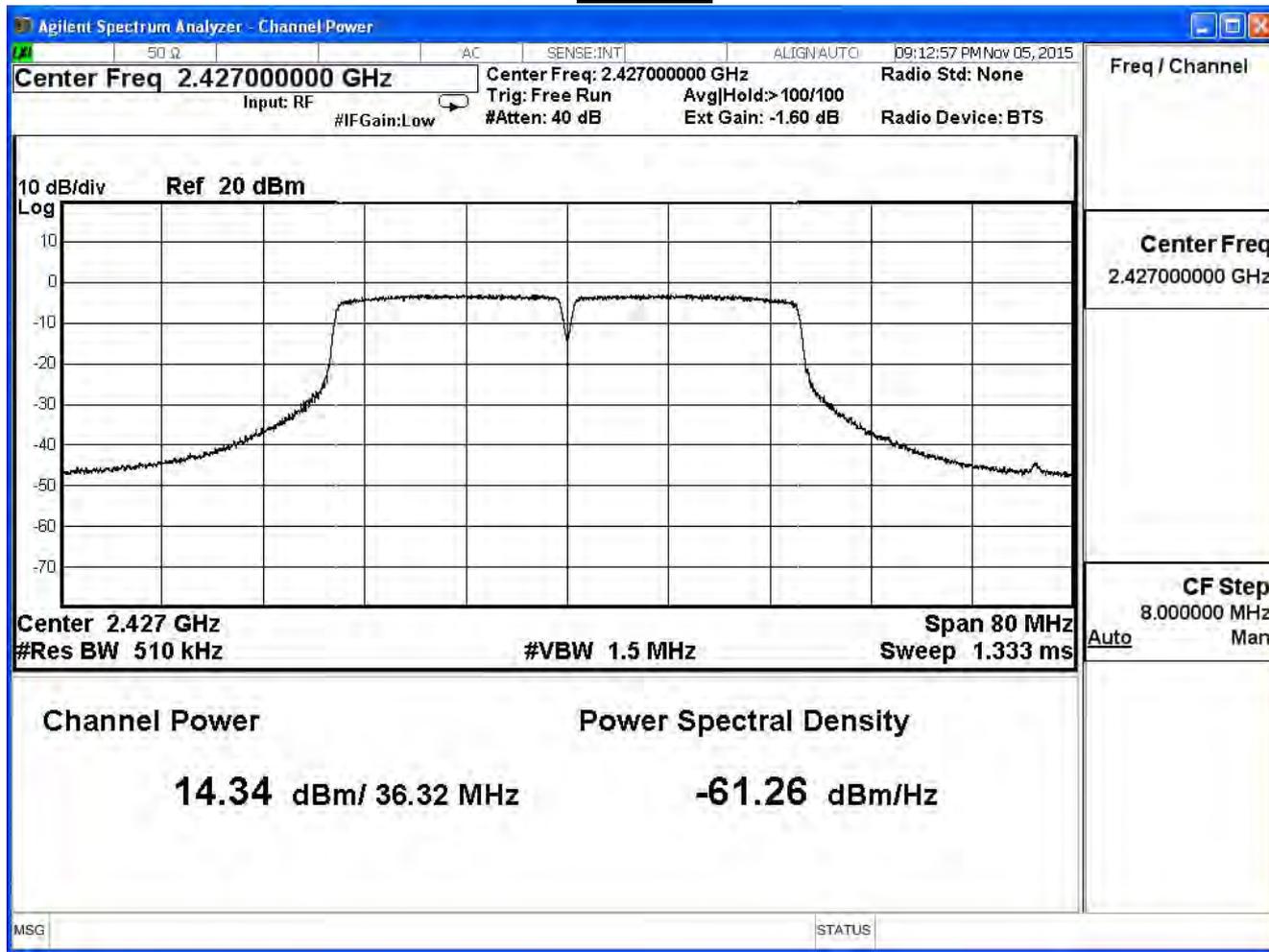
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	10.21	--	--	--	--	--	--	--	≤ 30
4	2427	14.34	--	--	--	--	--	--	--	≤ 30
6	2437	18.56	18.42	18.31	18.22	18.02	17.90	17.88	17.76	≤ 30
8	2447	14.45	--	--	--	--	--	--	--	≤ 30
9	2452	10.32	--	--	--	--	--	--	--	≤ 30

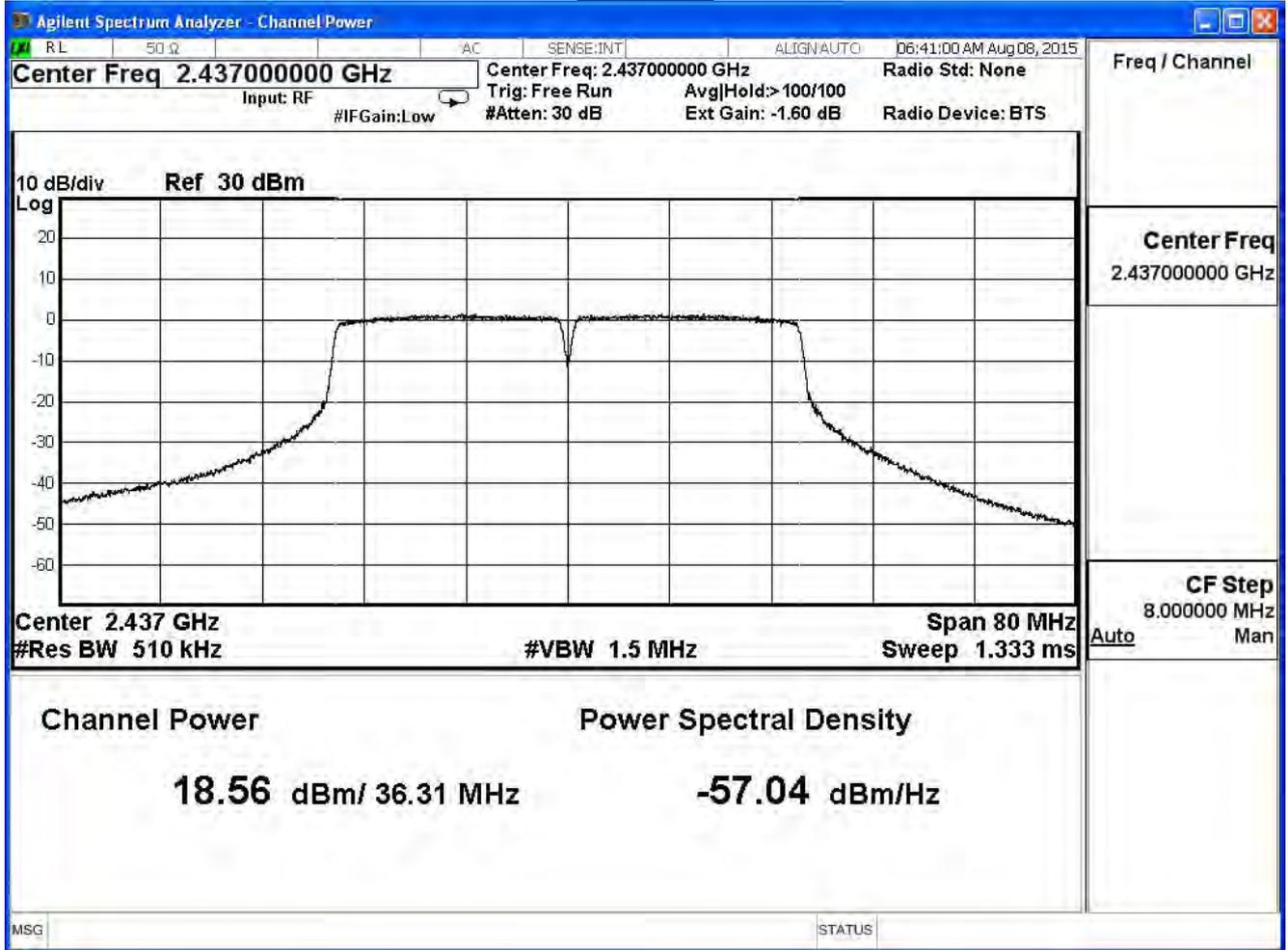
Channel 3



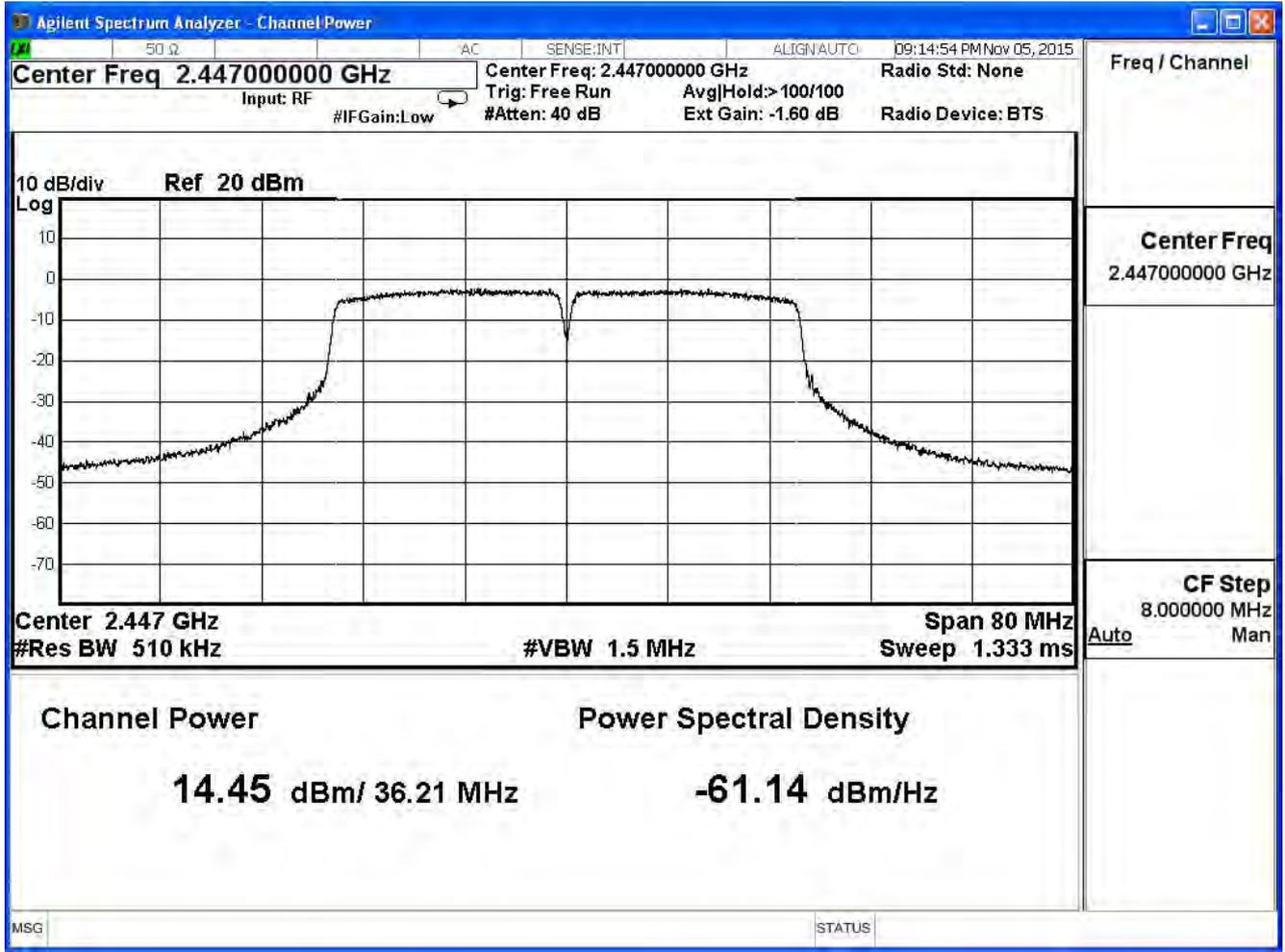
Channel 4



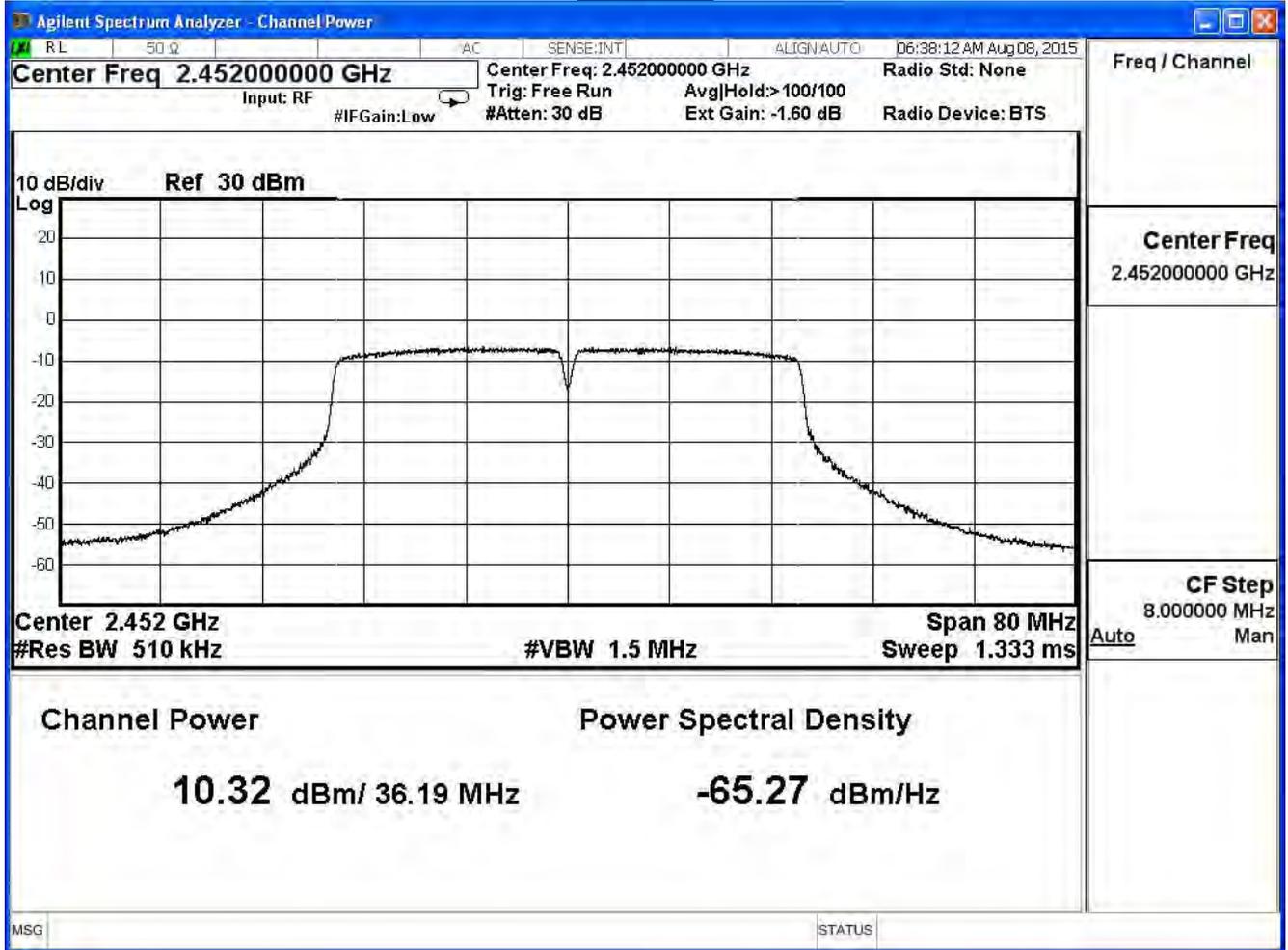
Channel 6



Channel 8



Channel 9



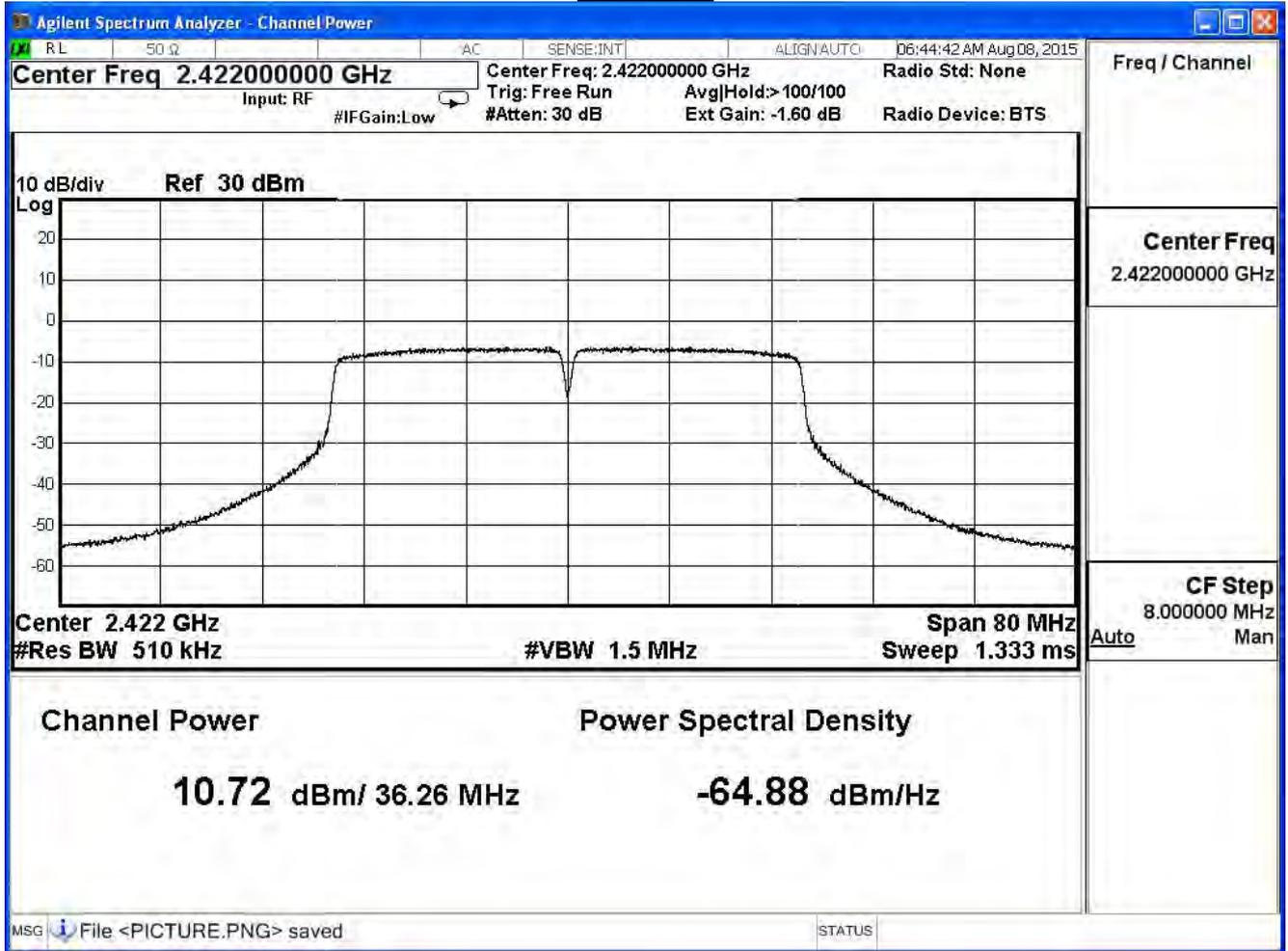
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_40M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	10.72	≤ 30
4	2427	14.42	≤ 30
6	2437	18.88	≤ 30
8	2447	14.36	≤ 30
9	2452	10.26	≤ 30

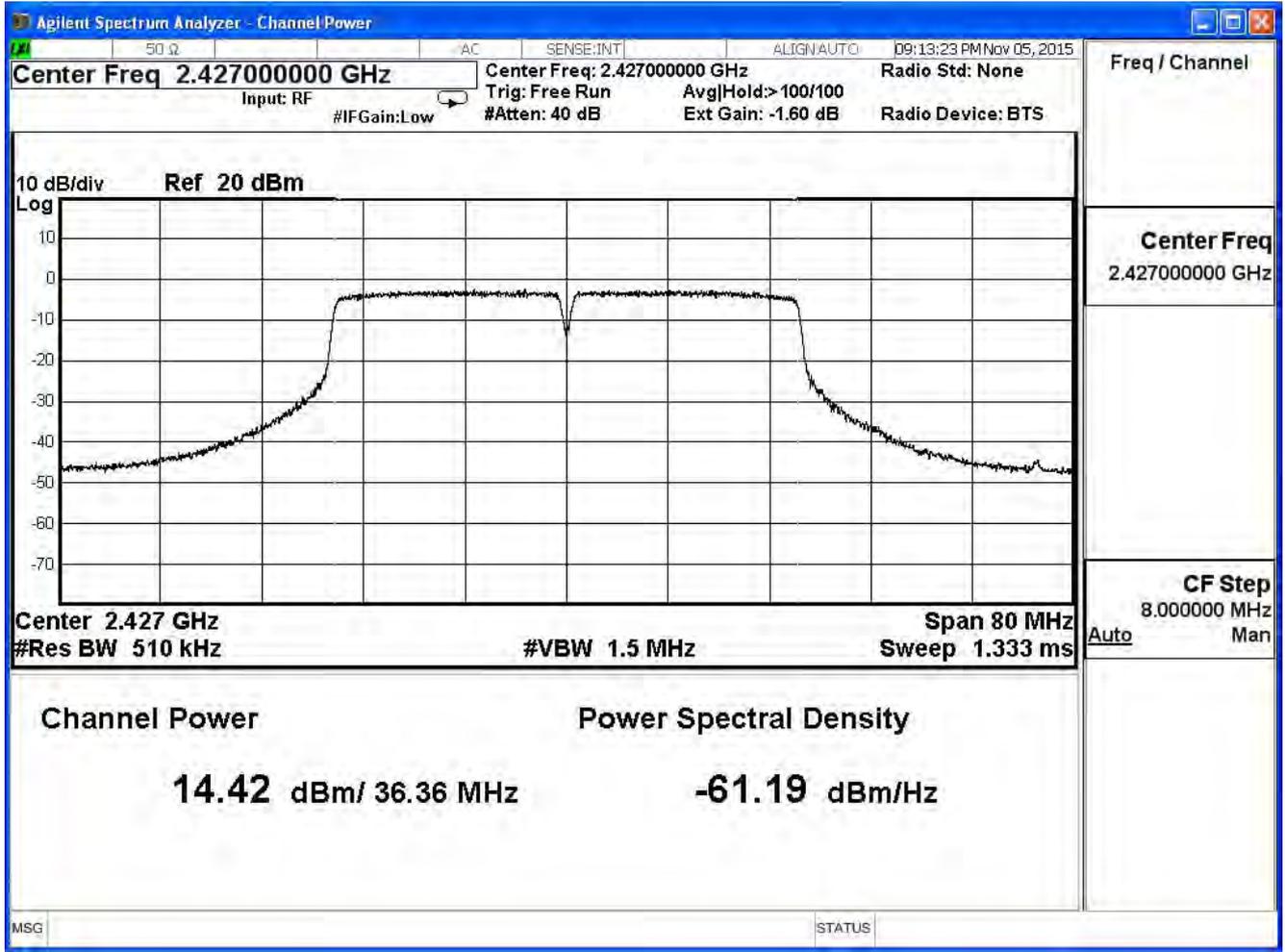
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	10.72	--	--	--	--	--	--	--	≤ 30
4	2427	14.42	--	--	--	--	--	--	--	≤ 30
6	2437	18.88	18.78	18.68	18.55	18.35	18.23	18.11	17.87	≤ 30
8	2447	14.36	--	--	--	--	--	--	--	≤ 30
9	2452	10.26	--	--	--	--	--	--	--	≤ 30

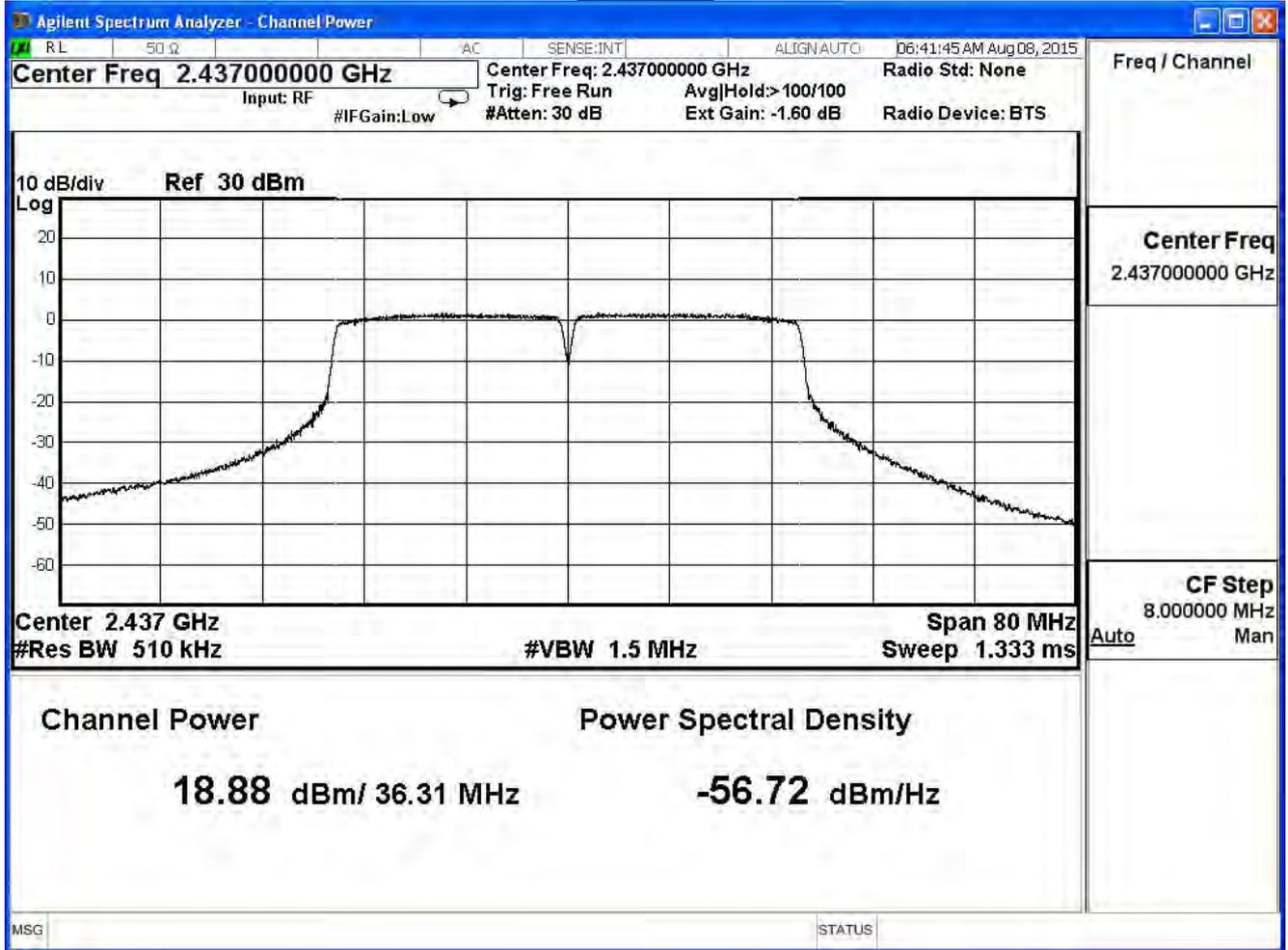
Channel 3



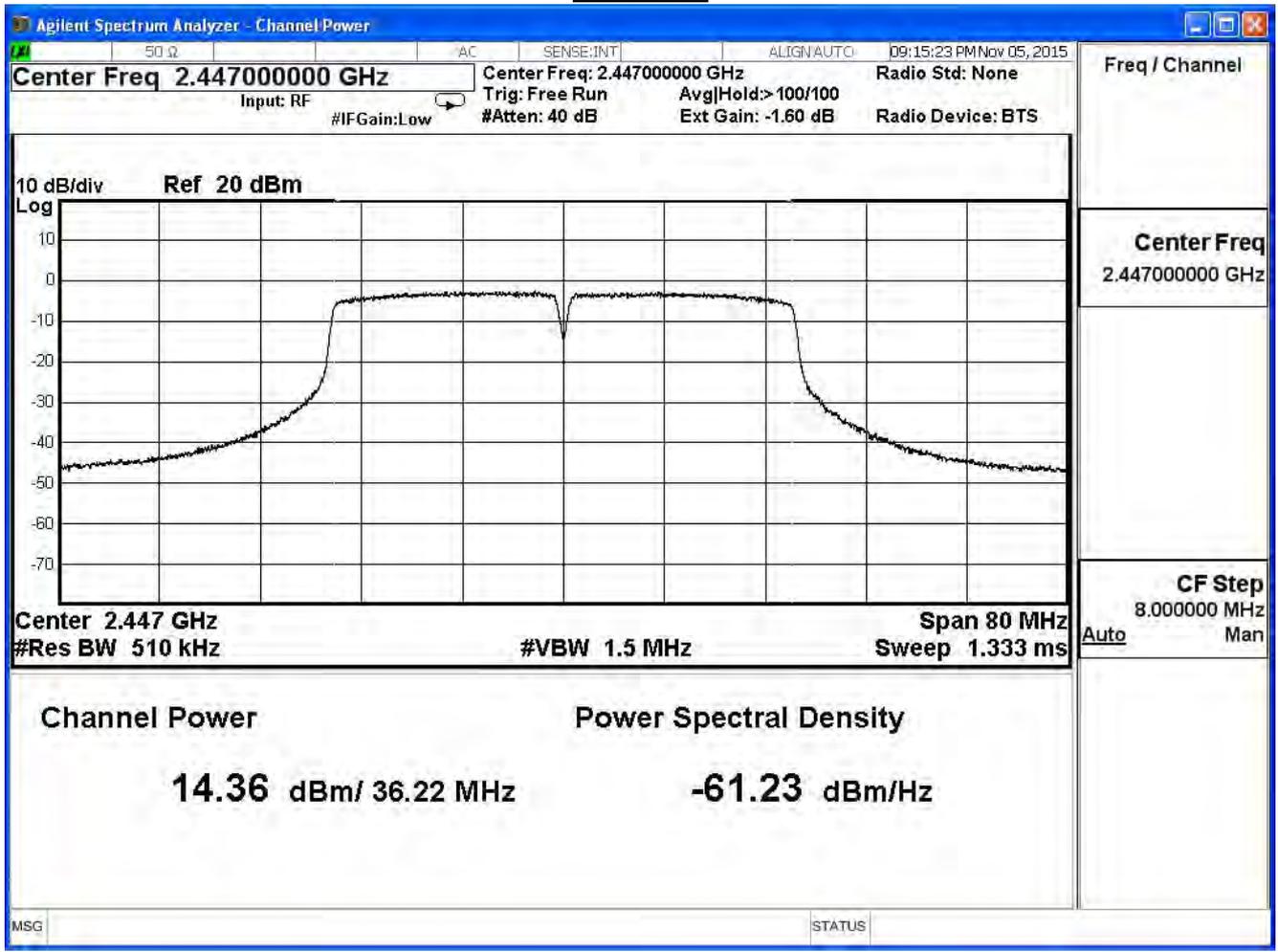
Channel 4



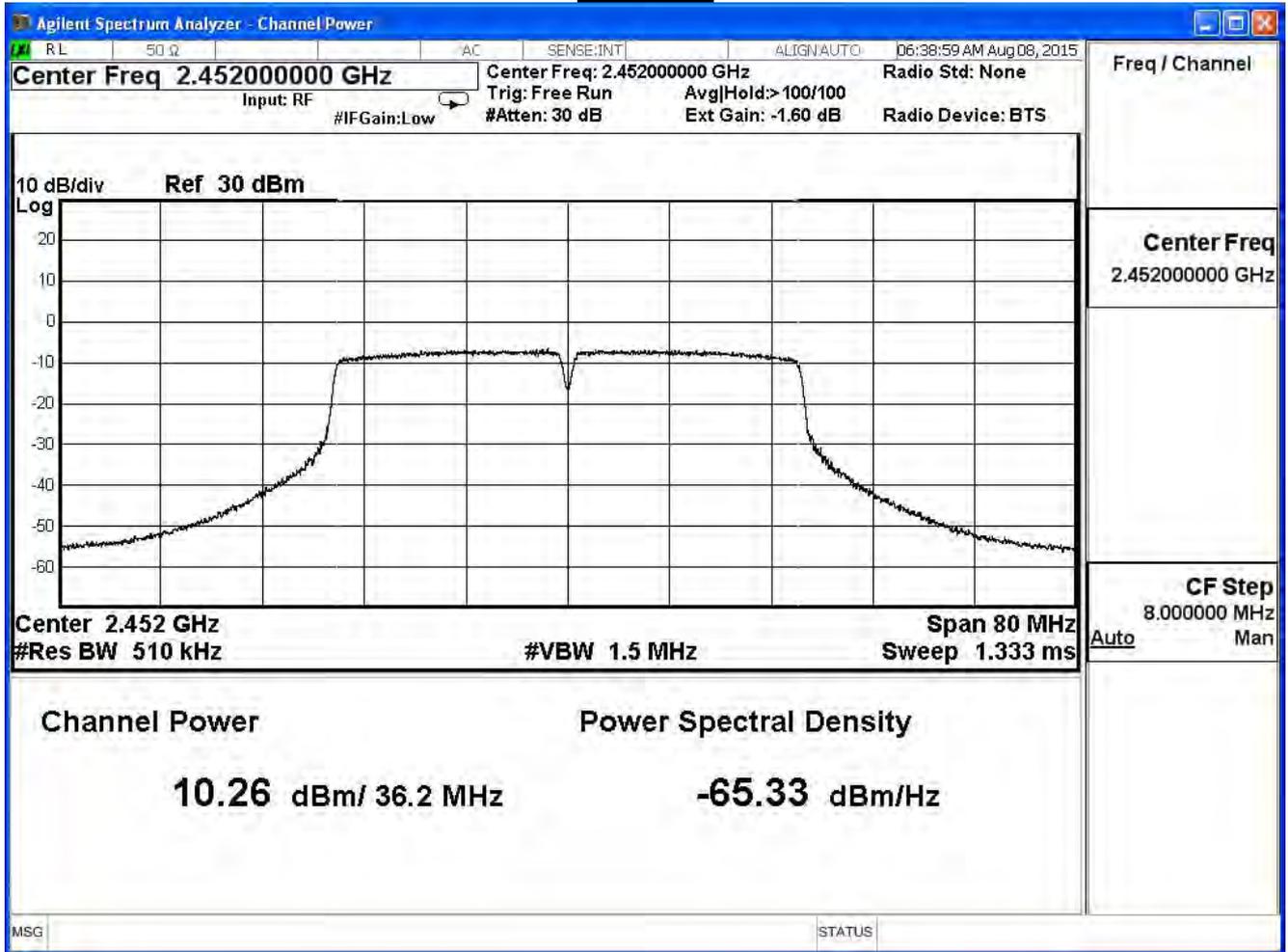
Channel 6



Channel 8



Channel 9



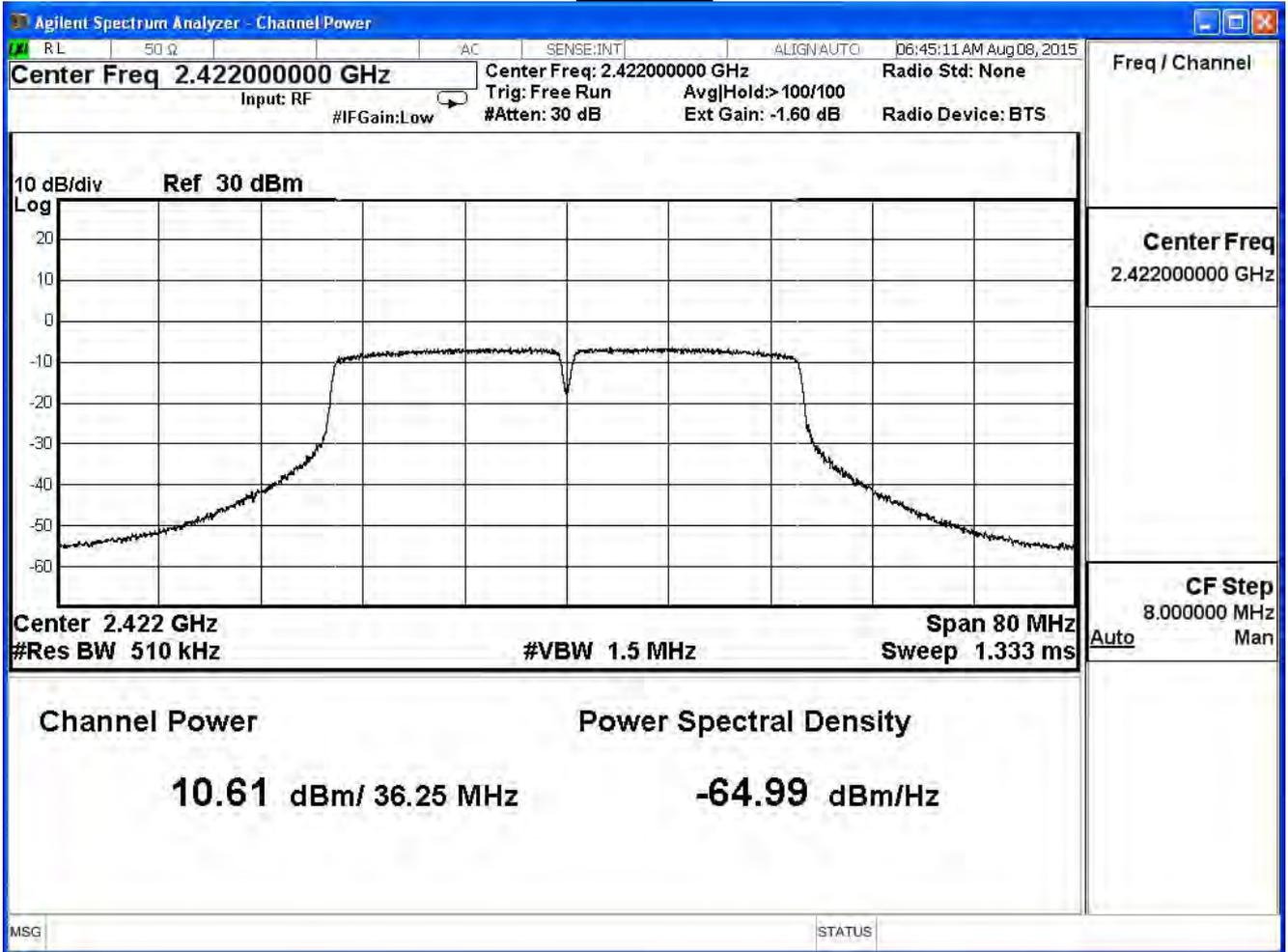
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_40M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	10.61	≤ 30
4	2427	13.99	≤ 30
6	2437	18.34	≤ 30
8	2447	13.97	≤ 30
9	2452	10.12	≤ 30

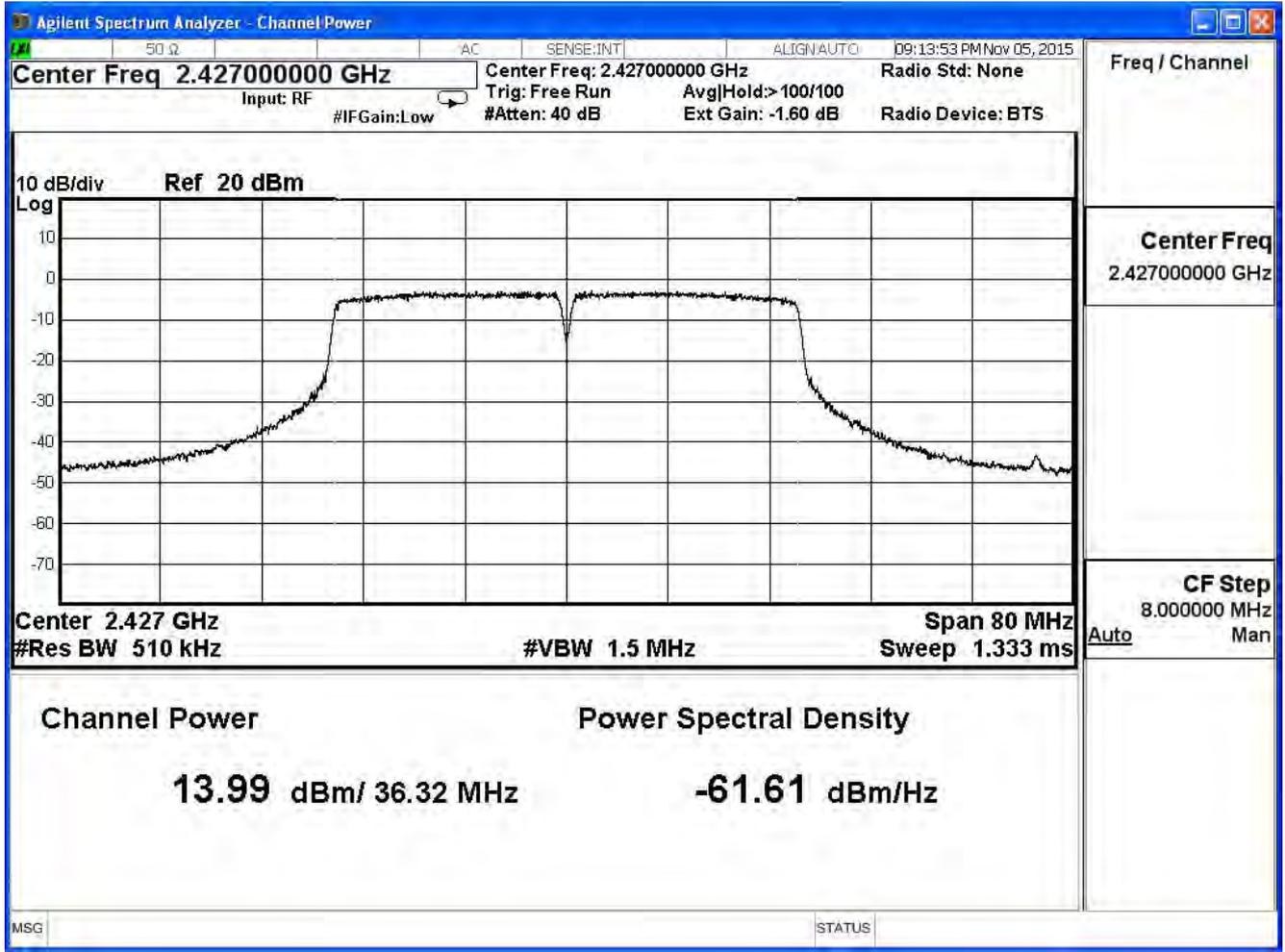
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	10.61	--	--	--	--	--	--	--	≤ 30
4	2427	13.99	--	--	--	--	--	--	--	≤ 30
6	2437	18.34	18.25	18.11	18.01	17.77	17.63	17.51	15.42	≤ 30
8	2447	13.97	--	--	--	--	--	--	--	≤ 30
9	2452	10.12	--	--	--	--	--	--	--	≤ 30

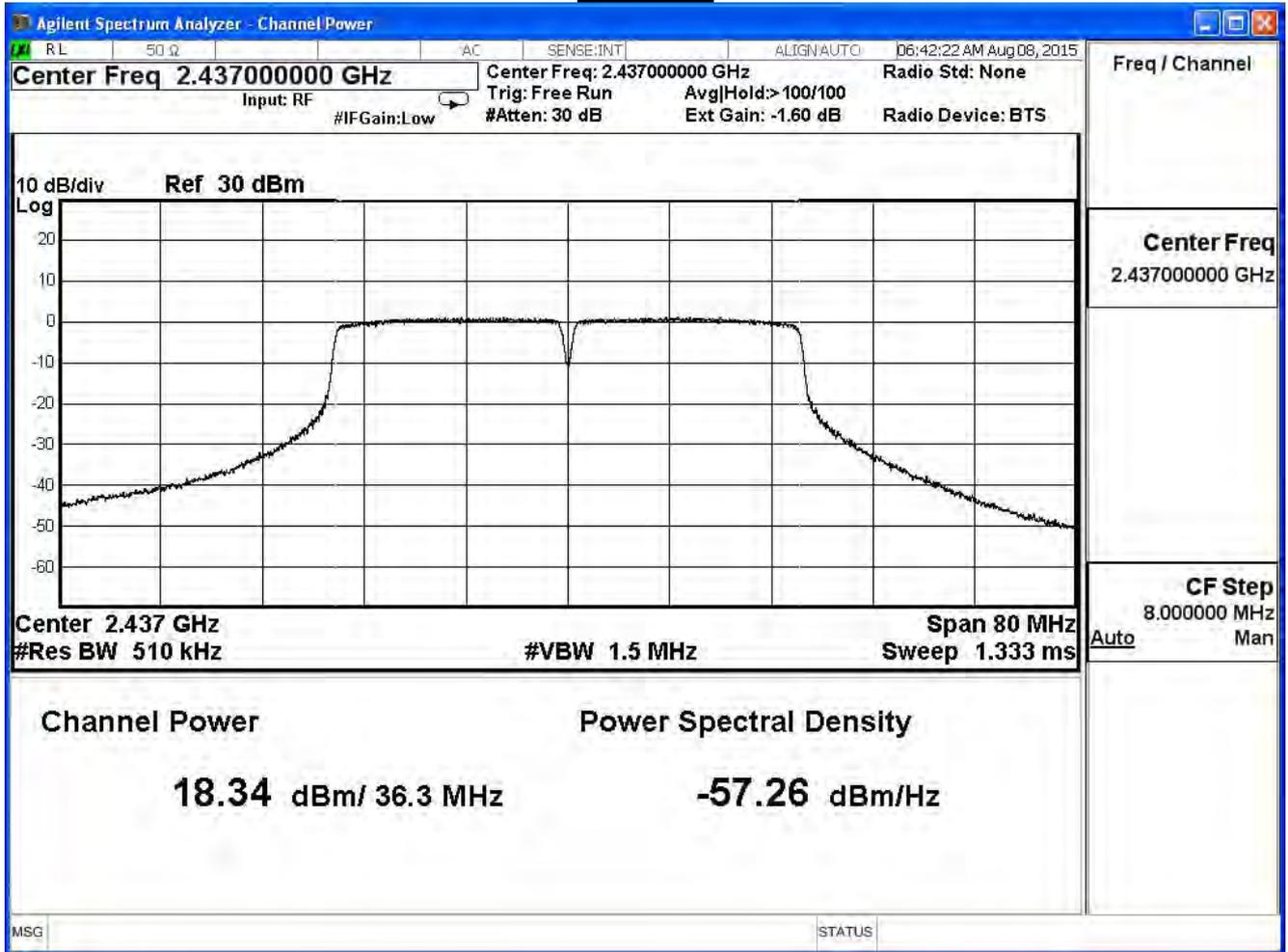
Channel 3



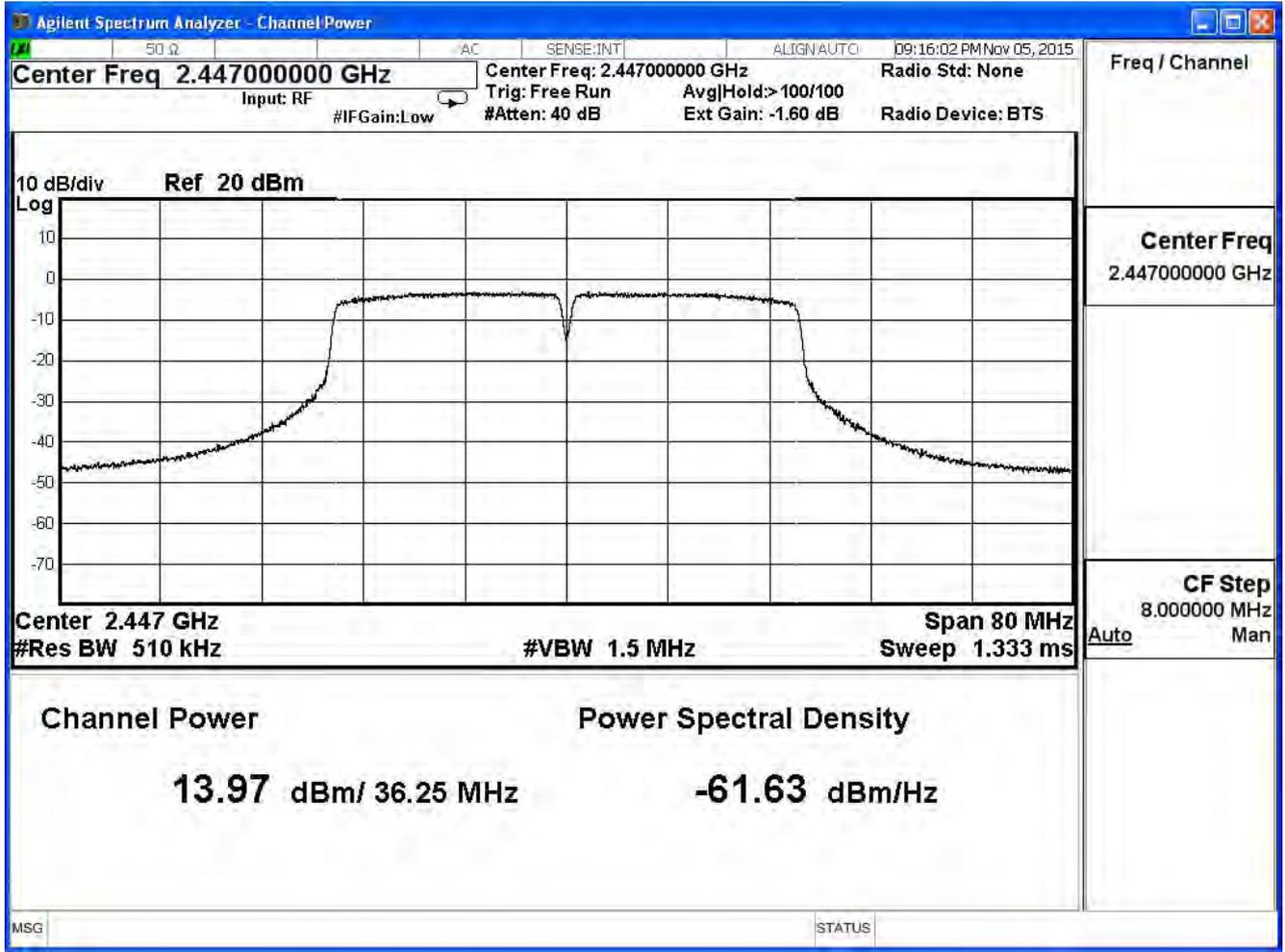
Channel 4



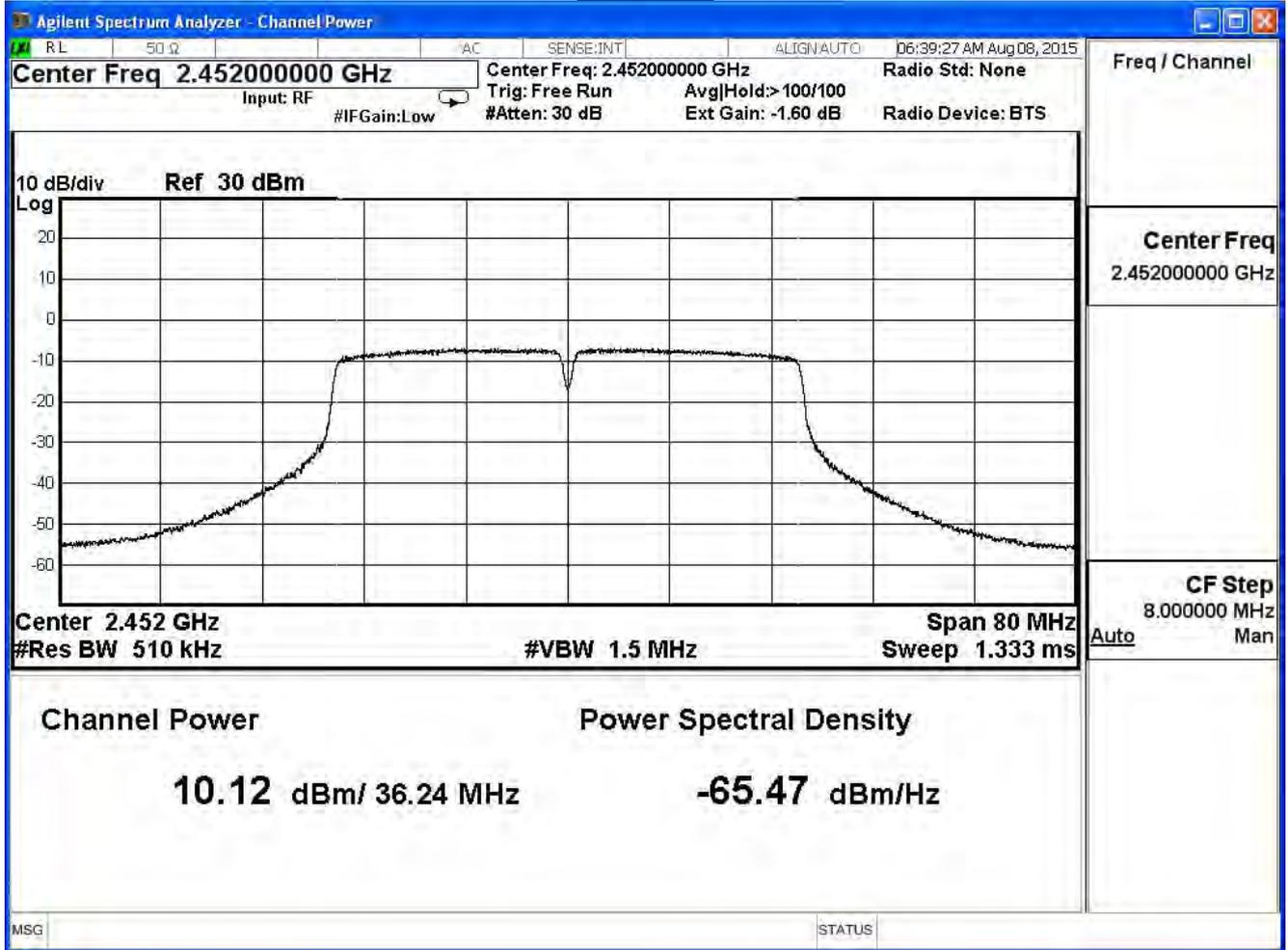
Channel 6



Channel 8



Channel 9



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/11/05	Test Site	SR7

IEEE 802.11n_40M (ANT 0+1+2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.29	≤ 30
4	2427	19.03	≤ 30
6	2437	23.37	≤ 30
8	2447	19.04	≤ 30
9	2452	15.01	≤ 30

The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit (dBm)
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	15.29	--	--	--	--	--	--	--	≤ 30
4	2427	19.03	--	--	--	--	--	--	--	≤ 30
6	2437	23.37	23.22	23.07	22.97	22.79	22.62	22.58	21.89	≤ 30
8	2447	19.04	--	--	--	--	--	--	--	≤ 30
9	2452	15.01	--	--	--	--	--	--	--	≤ 30