FCC Test Report

Product Name ： Wireless-AC2600 Dual WAN VPN Wireless Router

Trade Name ： ASUS

Model No. ： BRT-AC828/M2

FCC ID. ： MSQ-RT0V00

Applicant ： ASUSTeK COMPUTER INC.

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

Date of Receipt ： Nov. 02, 2015

Issued Date ： Nov. 23, 2015

Report No. ： 15B0233R-RFUSP28V00

Report Version ： V1.0

Testing Laboratory
3024

Test Report Certification

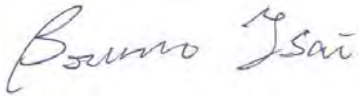
Issued Date : Nov. 23, 2015
Report No. : 15B0233R-RFUSP28V00

Product Name	:	Wireless-AC2600 Dual WAN VPN Wireless Router
Applicant	:	ASUSTeK COMPUTER INC.
Address	:	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	:	ASUSTeK COMPUTER INC.
Model No.	:	BRT-AC828/M2
FCC ID.	:	MSQ-RT0V00
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: 2013
Test Lab	:	QuieTek Hsin Chu Laboratory
Test Result	:	Complied

The test results relate only to the samples tested.
The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

Documented By : 

(Carol Tsai / Senior Engineering Adm. Specialist)

Tested By : 

(Bruno Tsai / Engineer)

Approved By : 

(Roy Wang / Director)

Revision History

Report No.	Version	Description	Issued Date
15B0233R-RFUSP28V00	V1.0	Initial issue of report	Nov. 23, 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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TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : service@quietek.com

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1. General Information

1.1. EUT Description

Product Name	Wireless-AC2600 Dual WAN VPN Wireless Router
Trade Name	ASUS
Model No.	BRT-AC828/M2

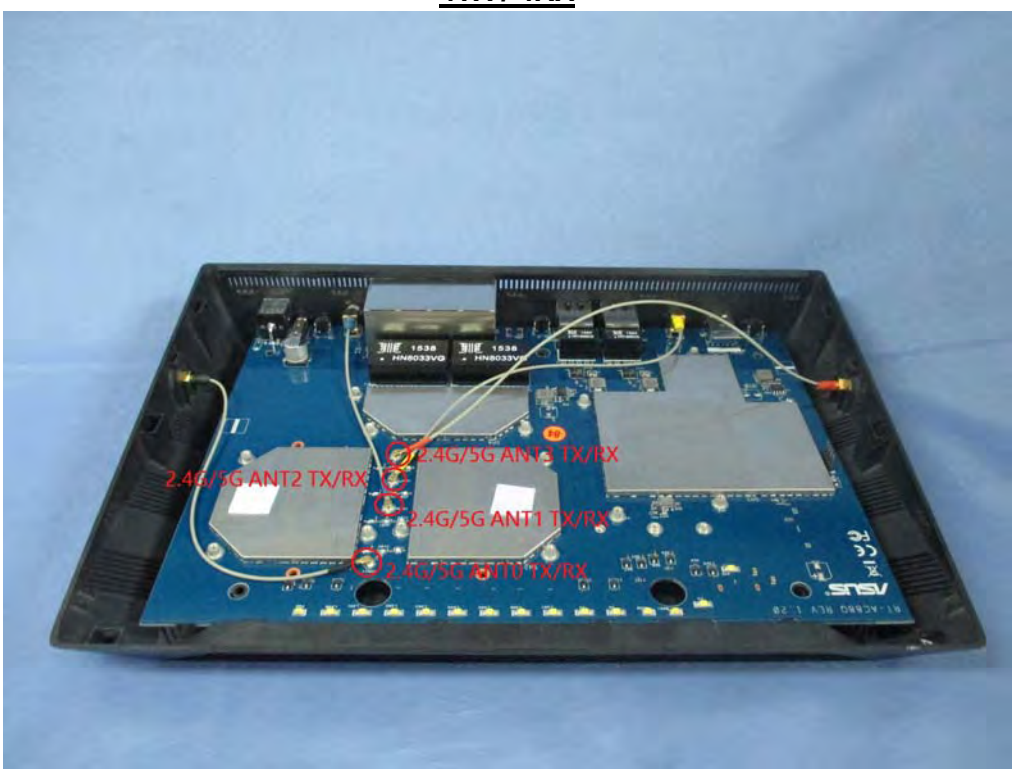
Product Type	WLAN (4TX, 4RX)	
Frequency Range/ Channel Number	IEEE 802.11b/g/ IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz / 11 Channels
	IEEE 802.11n (40MHz)_2.4GHz	2422~2452MHz / 7 Channels
	IEEE 802.11a_5.8GHz / IEEE 802.11n (20MHz)_5.8GHz / IEEE 802.11ac (20MHz) _5.8GHz	5745~5825MHz / 5 Channels
	IEEE 802.11n (40MHz)_5.8GHz / IEEE 802.11ac (40MHz) _5.8GHz	5755~5795MHz / 2 Channels
	IEEE 802.11ac (80MHz) _5.8GHz	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 7 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	
Antenna Gain	2.4G:2.18dBi / 5G:3.19dBi	

Accessories Information	
LAN Cable	Shielded, 1.5m
Power Adatper 1	ASUS., ADP-45BW B I/P: 100-240V~ 50-60Hz 1.2A O/P : 19V⎓2.37A Cable Out: Non-Shielded, 2.2m
Power Adatper 2	ASUS., ADP-65DW B I/P: 100-240V~ 50-60Hz 1.5A O/P : 19V⎓3.42A Cable Out: Non-Shielded, 2.2m
Power Adatper 3	ASUS., AD883J20 I/P: 100-240V~ 50/60Hz 1.0A O/P : 19V⎓2.37A Cable Out: Non-Shielded, 2.0m
Power Adatper 4	ASUS., AD887320 I/P: 100-240V~ 50/60Hz 1.5A O/P : 19V⎓3.42A Cable Out: Non-Shielded, 2.0m

ANT-TX / RX & Bandwidth

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

4TX / 4RX



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

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
24	BPSK	1/2	1	208	432	104	216	26.00	54.00	28.80	60.00
25	QPSK	1/2	2	416	864	208	432	52.00	108.00	57.60	120.00
26	QPSK	3/4	2	416	864	312	648	78.00	162.00	86.80	180.00
27	16-QAM	1/2	4	832	1728	416	864	104.00	216.00	115.60	240.00
28	16-QAM	3/4	4	832	1728	624	1296	156.00	324.00	172.20	360.00
29	64-QAM	2/3	6	1248	2592	832	1728	208.00	432.00	231.20	480.00
30	64-QAM	3/4	6	1248	2592	936	1944	234.00	486.00	260.00	540.00
31	64-QAM	5/6	6	1248	2592	1040	2040	260.00	540.00	288.80	600.00
Note 1: Support of 400ns GI is optional on transmit and receive.											

Table 4 – MCS parameters for TX Antenna number = 4

Symbol	Explanation
R	Code rate
N_{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

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

IEEE 802.11b/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 a Wireless-AC2600 Dual WAN VPN Wireless Router including 2.4GHz b/g/n (4x4) and 5GHz a/n/ac (4x4) 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. The function of the 5.2GHz transmitting is measured and makes a test report of the report number: 15B0233R-RFUSP56V00.
6. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 15B0233R-RFUSP01V00.

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: Transmit_CDD Mode_Adapter 1 Mode 2: Transmit_Beamforming Mode_Adapter 1 Mode 3: Transmit_Adapter 2 Mode 4: Transmit_Adapter 3 Mode 5: Transmit_Adapter 4

Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6	0+1+2+3	Complies
	11ac(80MHz)	155	0+1+2+3	Complies
Peak Power Output	11a	149/157/165	0+1+2+3	Complies
	11b/g	1/2/6/10/ 11	0+1+2+3	Complies
	11n(20MHz)	1/2/6/10/ 11/149/157/165	0+1+2+3	Complies
	11n(40MHz)	3/4/6/8/ 9/151/159	0+1+2+3	Complies
	11ac(80MHz)	155	0+1+2+3	Complies
Radiated Emission	11a	149/ 157/ 165	0+1+2+3	Complies
	11b/g	1/ 6/ 11	0+1+2+3	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2+3	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2+3	Complies
	11ac(80MHz)	155	0+1+2+3	Complies
RF antenna conducted test	11a	149/ 165	0/1/2/3	Complies
	11b/g	1/ 11	0/1/2/3	Complies
	11n(20MHz)	1/ 11/ 149/ 165	0/1/2/3	Complies
	11n(40MHz)	3/ 9/ 151/ 159	0/1/2/3	Complies
	11ac(80MHz)	155	0/1/2/3	Complies
Radiated Emission Band Edge	11a	149/157/165	0+1+2+3	Complies
	11b/g	1/2/6/10/ 11	0+1+2+3	Complies
	11n(20MHz)	1/2/6/10/ 11/149/157/165	0+1+2+3	Complies
	11n(40MHz)	3/4/6/8/ 9/151/159	0+1+2+3	Complies
	11ac(80MHz)	155	0+1+2+3	Complies
Occupied Bandwidth	11a	149/ 157/ 165	0/1/2/3	Complies
	11b/g	1/ 6/ 11	0/1/2/3	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0/1/2/3	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0/1/2/3	Complies
	11ac(80MHz)	155	0/1/2/3	Complies
Power Density	11a	149/ 157/ 165	0+1+2+3	Complies
	11b/g	1/ 6/ 11	0+1+2+3	Complies
	11n(20MHz)	1/ 6/ 11/ 149/ 157/ 165	0+1+2+3	Complies
	11n(40MHz)	3/ 6/ 9/ 151/ 159	0+1+2+3	Complies
	11ac(80MHz)	155	0+1+2+3	Complies

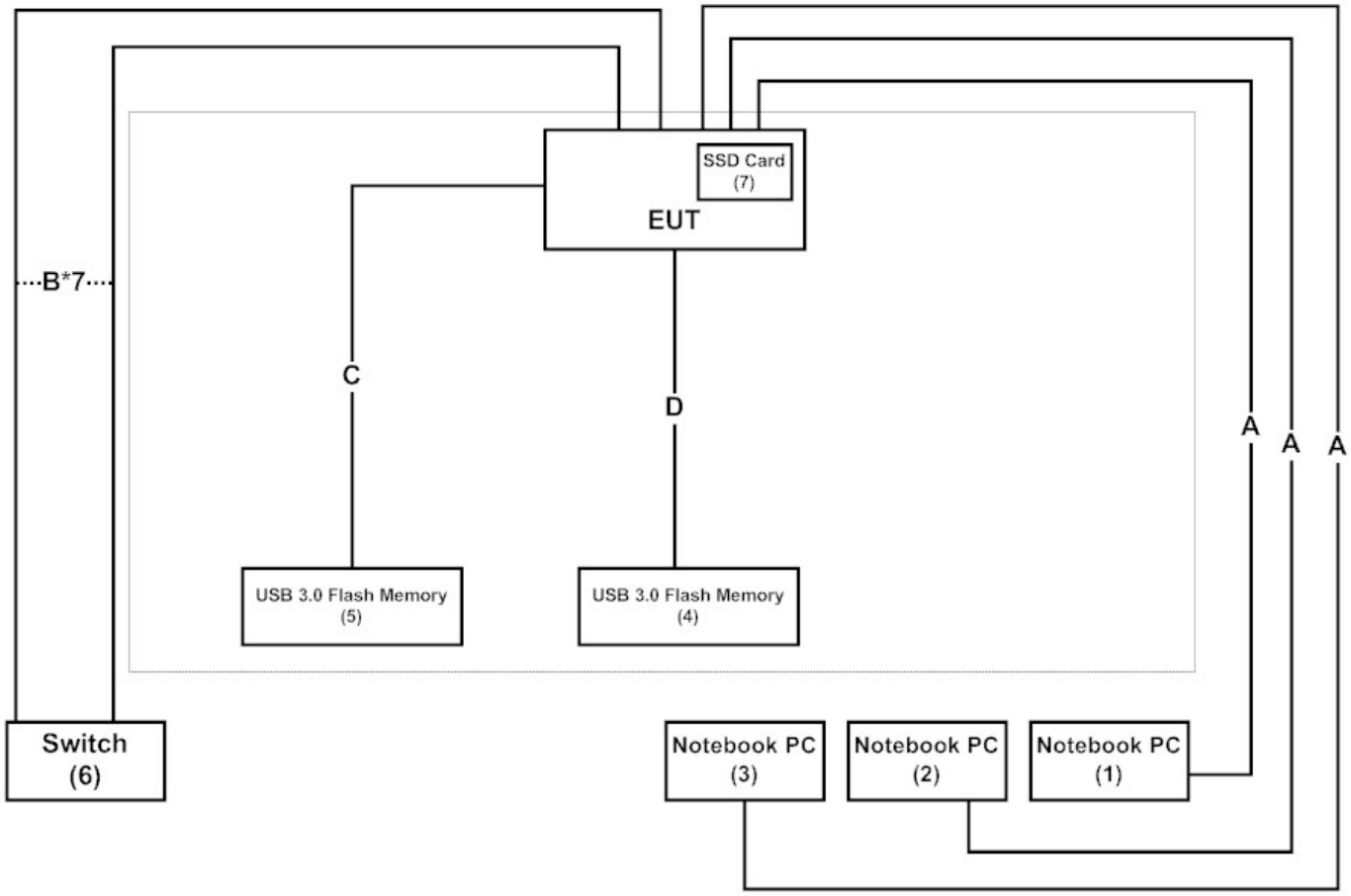
1.3. Tested System Details

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	Lenovo	B590	WB1529782	DoC	Non-Shielded, 1.8m, one ferrite core bonded
2	Notebook PC	ASUS	K45VD	K45VD-0343G3110M	DoC	Non-Shielded, 1.8m
3	Notebook PC	ACER	MS2296	LUSCV021391150332C2000	DoC	Non-Shielded, 2.5m one ferrite core bonded
4	USB 3.0 Flash Memory	Verbatim	16GB	N/A	DoC	--
5	USB 3.0 Flash Memory	Verbatim	16GB	N/A	DoC	--
6	Switch	D-Link	DGS1216T	F360298000042	DoC	--
7	SSD Card	Transcend	TS512GM TS800	C18573-0461	DoC	--

1.4. Configuration of tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	LAN Cable	Non-Shielded, 10m, 3 Pcs
B	LAN Cable	Non-Shielded, 10m, 7 Pcs
C	USB 3.0 Flash Memory Cable	Non-Shielded, 1.5m
D	USB 3.0 Flash Memory Cable	Non-Shielded, 1.5m

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

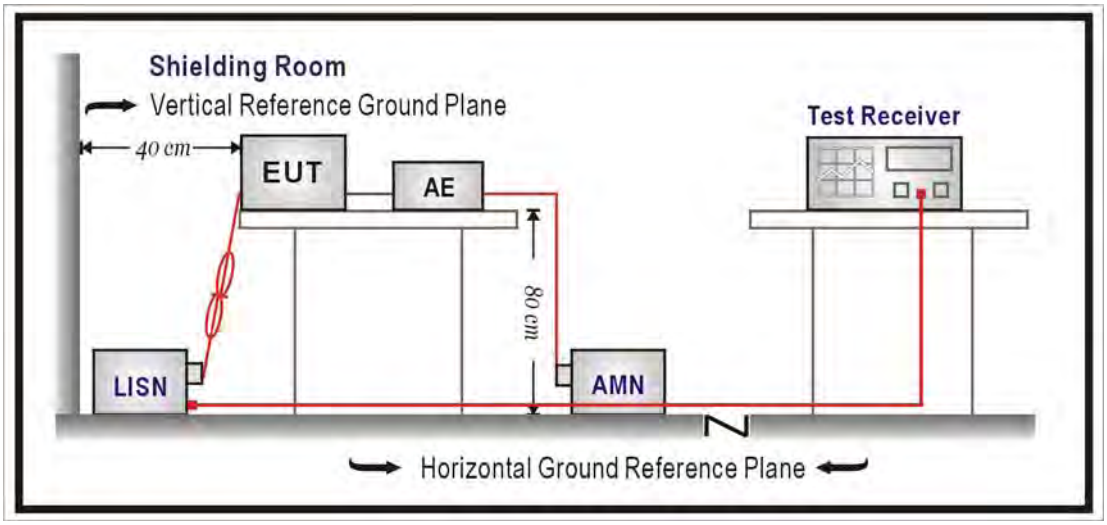
The following test equipments are used during the test:

Conducted Emission / SR2

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	2016/08/17
Test Receiver	R&S	ESCS 30	825442/014	2016/07/16

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: 2013 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

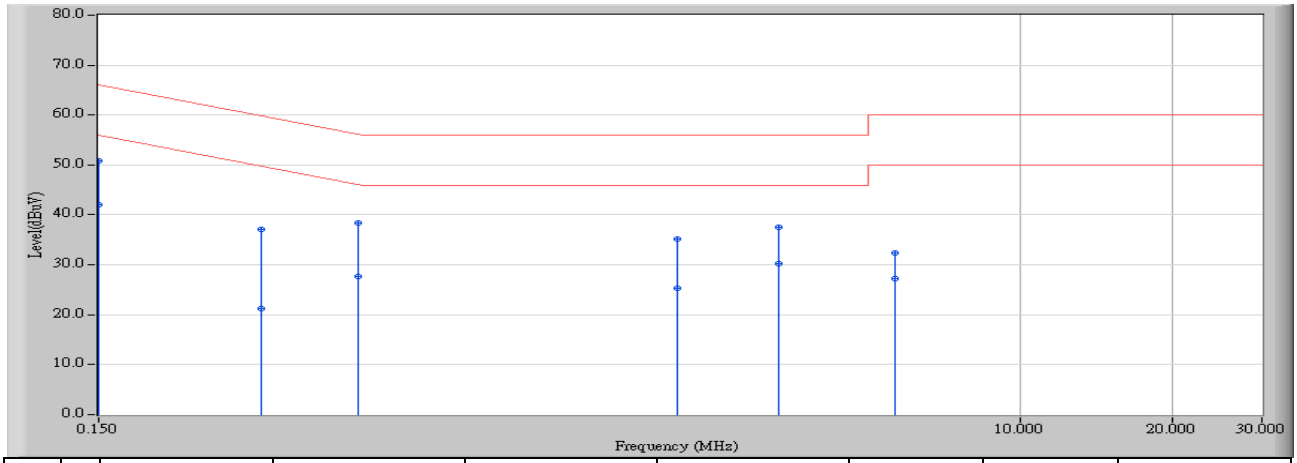
According to FCC Part 15 Subpart C Paragraph 15.207: 2014

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2	**Time : 2015/11/17 - 20:25**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line1	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 1: Transmit_CDD Mode_Adapter 1 802.11n(40M)_2437MHz**

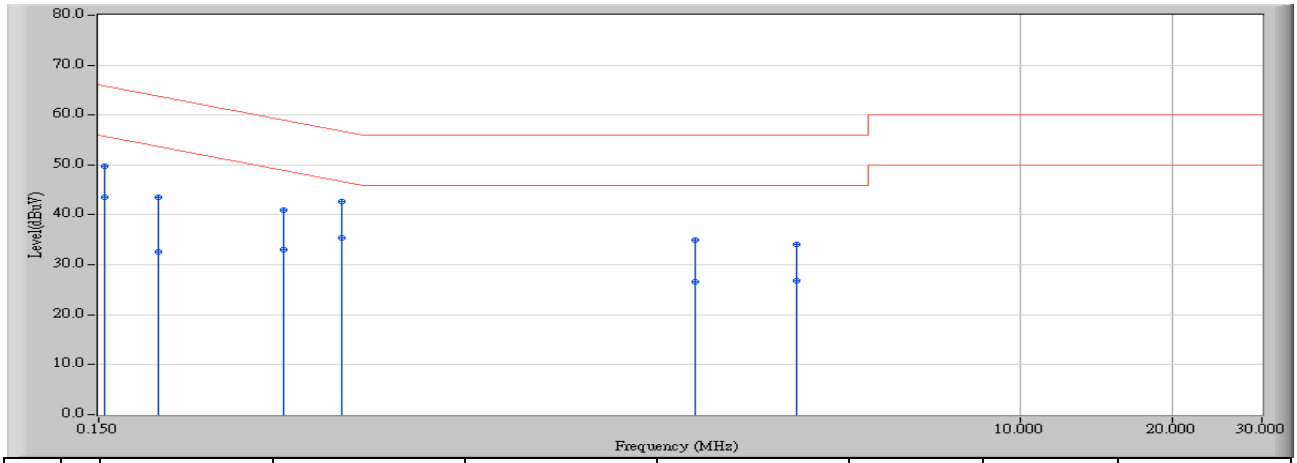


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.692	41.190	50.882	-15.118	66.000	QUASIPEAK
2	*	0.150	9.692	32.370	42.062	-13.938	56.000	AVERAGE
3		0.314	9.697	27.500	37.198	-22.665	59.862	QUASIPEAK
4		0.314	9.697	11.530	21.228	-28.635	49.862	AVERAGE
5		0.490	9.718	28.620	38.338	-17.832	56.170	QUASIPEAK
6		0.490	9.718	18.020	27.738	-18.432	46.170	AVERAGE
7		2.099	9.784	25.490	35.274	-20.726	56.000	QUASIPEAK
8		2.099	9.784	15.620	25.404	-20.596	46.000	AVERAGE
9		3.314	9.837	27.610	37.447	-18.553	56.000	QUASIPEAK
10		3.314	9.837	20.510	30.347	-15.653	46.000	AVERAGE
11		5.642	9.939	22.460	32.399	-27.601	60.000	QUASIPEAK
12		5.642	9.939	17.360	27.299	-22.701	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 : 2015/11/17 - 20:29**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line2	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 1: Transmit_CDD Mode_Adapter 1 802.11n(40M)_2437MHz**

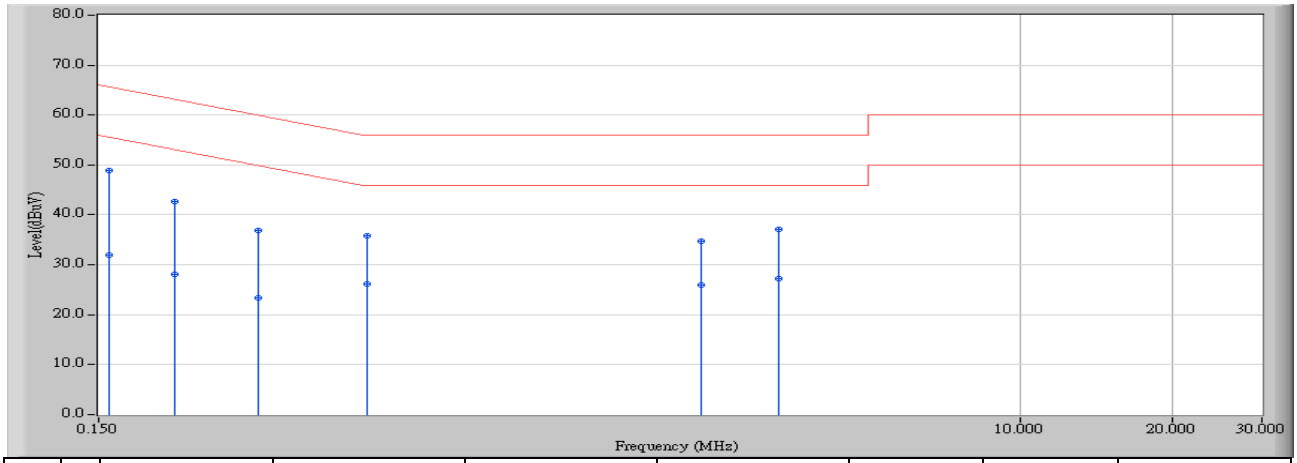


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.762	39.910	49.672	-16.115	65.786	QUASIPEAK
2		0.154	9.762	33.850	43.612	-12.175	55.786	AVERAGE
3		0.197	9.767	33.820	43.586	-20.155	63.741	QUASIPEAK
4		0.197	9.767	22.850	32.616	-21.125	53.741	AVERAGE
5		0.349	9.781	31.180	40.961	-18.020	58.981	QUASIPEAK
6		0.349	9.781	23.270	33.051	-15.930	48.981	AVERAGE
7		0.455	9.794	32.930	42.724	-14.065	56.789	QUASIPEAK
8	*	0.455	9.794	25.700	35.494	-11.295	46.789	AVERAGE
9		2.275	9.880	24.980	34.860	-21.140	56.000	QUASIPEAK
10		2.275	9.880	16.680	26.560	-19.440	46.000	AVERAGE
11		3.599	9.931	24.100	34.031	-21.969	56.000	QUASIPEAK
12		3.599	9.931	16.950	26.881	-19.119	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 : 2015/11/17 - 19:29**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line1	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 1: Transmit_CDD Mode_Adapter 1 802.11ac(80M)_5775MHz**

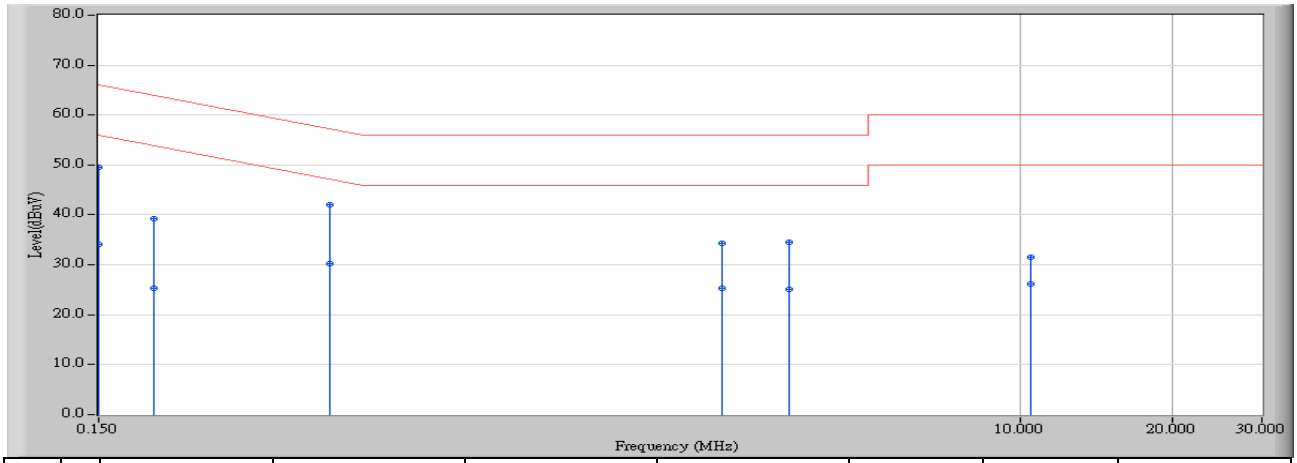


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.158	9.690	39.120	48.810	-16.768	65.578	QUASIPEAK
2		0.158	9.690	22.240	31.930	-23.648	55.578	AVERAGE
3		0.212	9.689	33.000	42.689	-20.418	63.107	QUASIPEAK
4		0.212	9.689	18.360	28.049	-25.058	53.107	AVERAGE
5		0.310	9.698	27.170	36.867	-23.099	59.966	QUASIPEAK
6		0.310	9.698	13.660	23.357	-26.609	49.966	AVERAGE
7		0.509	9.719	26.060	35.779	-20.221	56.000	QUASIPEAK
8		0.509	9.719	16.500	26.219	-19.781	46.000	AVERAGE
9		2.334	9.794	25.040	34.834	-21.166	56.000	QUASIPEAK
10		2.334	9.794	16.170	25.964	-20.036	46.000	AVERAGE
11		3.330	9.837	27.280	37.118	-18.882	56.000	QUASIPEAK
12		3.330	9.837	17.310	27.148	-18.852	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 : 2015/11/17 - 19:32**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line2	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 1: Transmit_CDD Mode_Adapter 1 802.11ac(80M)_5775MHz**

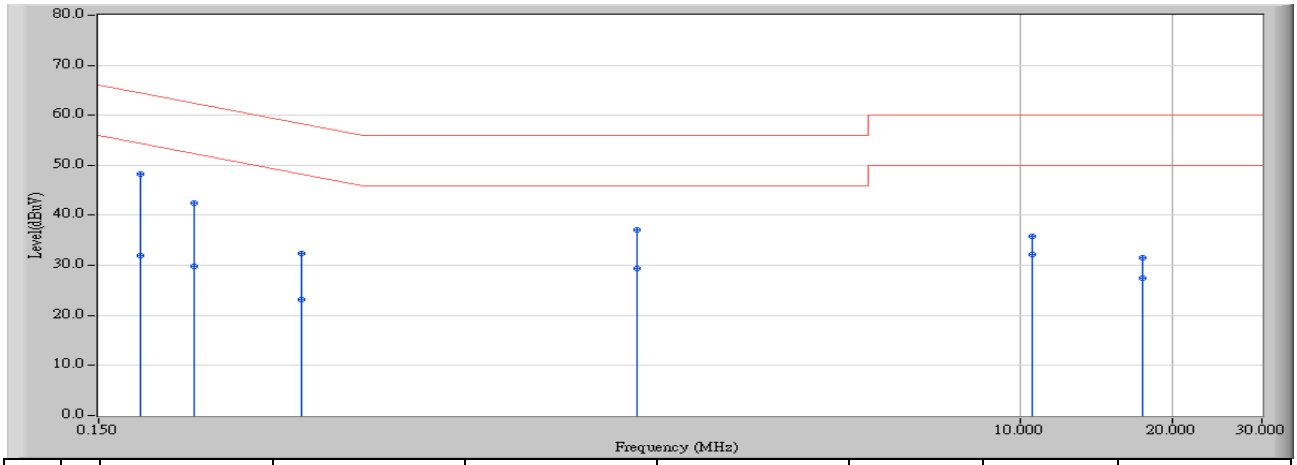


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.762	39.790	49.552	-16.448	66.000	QUASIPEAK
2		0.150	9.762	24.410	34.172	-21.828	56.000	AVERAGE
3		0.193	9.766	29.440	39.206	-24.702	63.908	QUASIPEAK
4		0.193	9.766	15.570	25.336	-28.572	53.908	AVERAGE
5	*	0.431	9.791	32.250	42.041	-15.188	57.229	QUASIPEAK
6		0.431	9.791	20.500	30.291	-16.938	47.229	AVERAGE
7		2.572	9.892	24.470	34.362	-21.638	56.000	QUASIPEAK
8		2.572	9.892	15.500	25.392	-20.608	46.000	AVERAGE
9		3.478	9.926	24.580	34.507	-21.493	56.000	QUASIPEAK
10		3.478	9.926	15.240	25.167	-20.833	46.000	AVERAGE
11		10.478	10.143	21.350	31.492	-28.508	60.000	QUASIPEAK
12		10.478	10.143	16.110	26.252	-23.748	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 : 2015/11/17 - 16:28**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line1	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 3: Transmit_Adapter 2 802.11n(40M)_2437MHz**

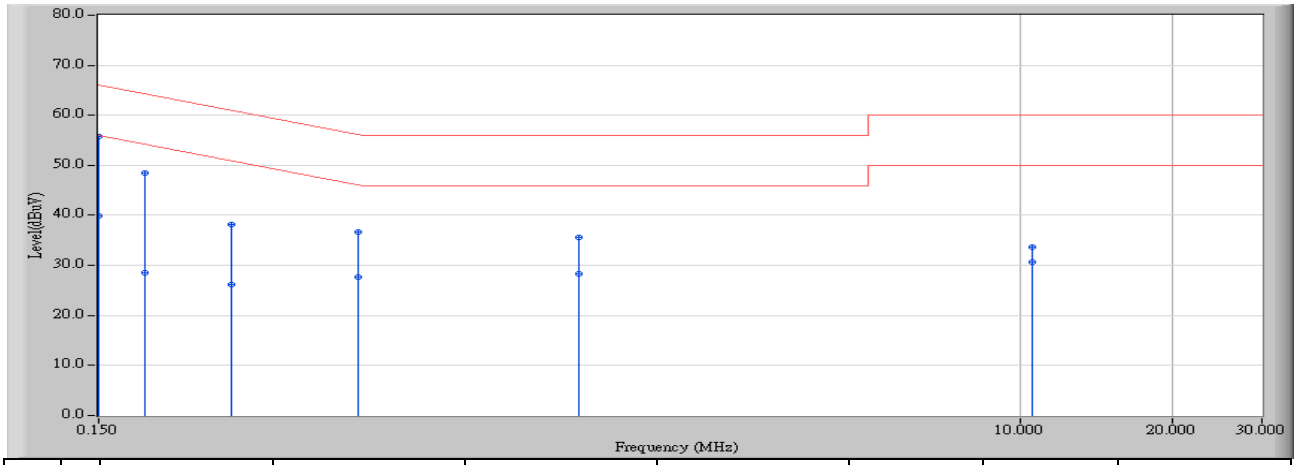


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.181	9.688	38.490	48.178	-16.250	64.428	QUASIPEAK
2		0.181	9.688	22.230	31.918	-22.510	54.428	AVERAGE
3		0.232	9.690	32.770	42.460	-19.917	62.377	QUASIPEAK
4		0.232	9.690	20.190	29.880	-22.497	52.377	AVERAGE
5		0.377	9.703	22.710	32.414	-25.941	58.355	QUASIPEAK
6		0.377	9.703	13.550	23.254	-25.101	48.355	AVERAGE
7		1.740	9.764	27.360	37.124	-18.876	56.000	QUASIPEAK
8		1.740	9.764	19.690	29.454	-16.546	46.000	AVERAGE
9		10.560	10.121	25.590	35.712	-24.288	60.000	QUASIPEAK
10		10.560	10.121	21.960	32.082	-17.918	50.000	AVERAGE
11		17.416	10.285	21.300	31.585	-28.415	60.000	QUASIPEAK
12		17.416	10.285	17.090	27.375	-22.625	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 : 2015/11/17 - 16:30**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line2	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 3: Transmit_Adapter 2 802.11n(40M)_2437MHz**

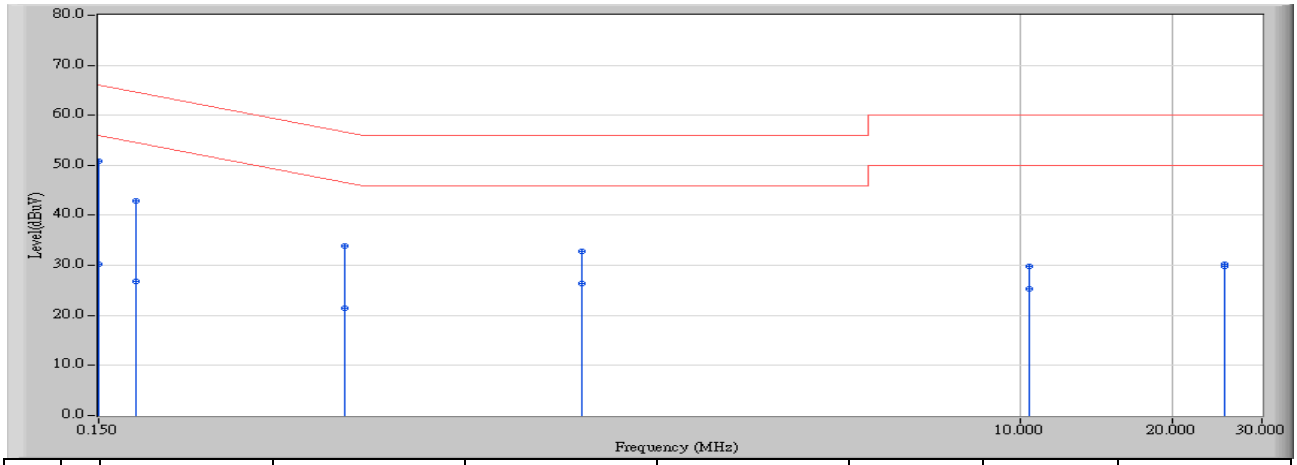


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.150	9.762	45.980	55.742	-10.258	66.000	QUASIPEAK
2		0.150	9.762	30.100	39.862	-16.138	56.000	AVERAGE
3		0.185	9.765	38.610	48.375	-15.876	64.251	QUASIPEAK
4		0.185	9.765	18.730	28.495	-25.756	54.251	AVERAGE
5		0.275	9.774	28.300	38.074	-22.891	60.966	QUASIPEAK
6		0.275	9.774	16.460	26.234	-24.731	50.966	AVERAGE
7		0.490	9.800	26.860	36.660	-19.511	56.170	QUASIPEAK
8		0.490	9.800	17.870	27.670	-18.501	46.170	AVERAGE
9		1.337	9.830	25.710	35.540	-20.460	56.000	QUASIPEAK
10		1.337	9.830	18.380	28.210	-17.790	46.000	AVERAGE
11		10.525	10.142	23.540	33.683	-26.317	60.000	QUASIPEAK
12		10.525	10.142	20.560	30.703	-19.297	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 : 2015/11/17 - 14:04**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line1	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 3: Transmit_Adapter 2 802.11ac(80M)_5775MHz**

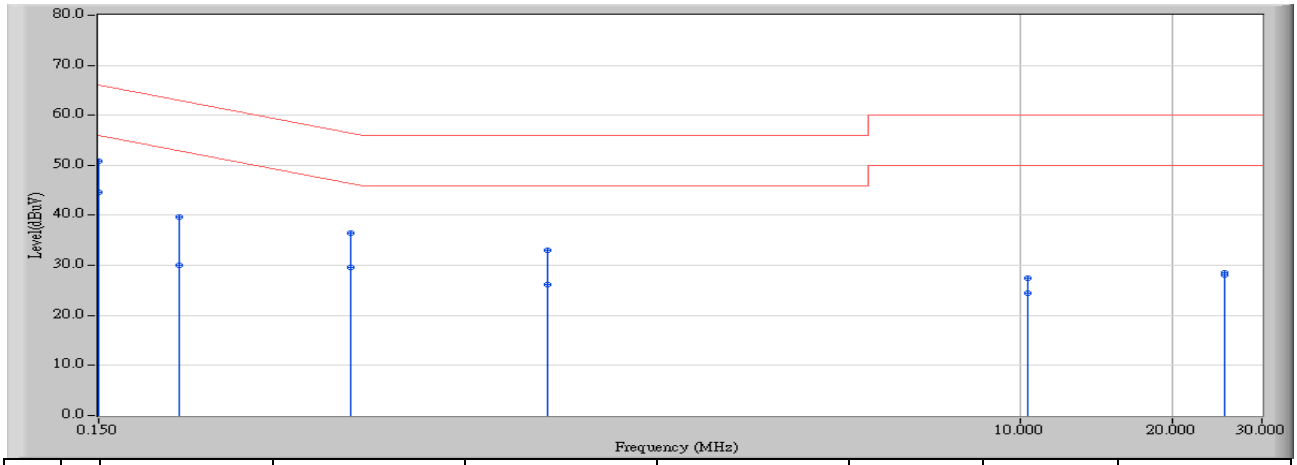


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.150	9.692	41.110	50.802	-15.198	66.000	QUASIPEAK
2		0.150	9.692	20.530	30.222	-25.778	56.000	AVERAGE
3		0.177	9.689	33.220	42.909	-21.701	64.609	QUASIPEAK
4		0.177	9.689	17.110	26.799	-27.811	54.609	AVERAGE
5		0.459	9.714	24.080	33.794	-22.924	56.718	QUASIPEAK
6		0.459	9.714	11.760	21.474	-25.244	46.718	AVERAGE
7		1.357	9.742	23.110	32.851	-23.149	56.000	QUASIPEAK
8		1.357	9.742	16.720	26.461	-19.539	46.000	AVERAGE
9		10.388	10.118	19.730	29.848	-30.152	60.000	QUASIPEAK
10		10.388	10.118	15.120	25.238	-24.762	50.000	AVERAGE
11		25.232	10.470	19.820	30.289	-29.711	60.000	QUASIPEAK
12		25.232	10.470	19.300	29.769	-20.231	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 : 2015/11/17 - 14:09**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line2	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 3: Transmit_Adapter 2 802.11ac(80M)_5775MHz**

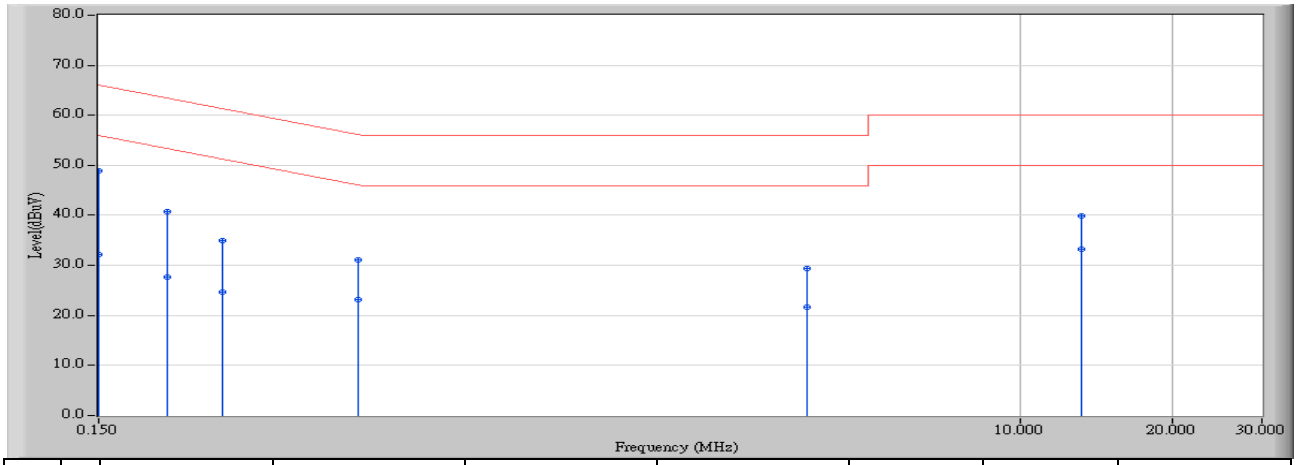


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.762	41.070	50.832	-15.168	66.000	QUASIPEAK
2	*	0.150	9.762	34.900	44.662	-11.338	56.000	AVERAGE
3		0.216	9.768	29.980	39.749	-23.207	62.956	QUASIPEAK
4		0.216	9.768	20.280	30.049	-22.907	52.956	AVERAGE
5		0.474	9.797	26.770	36.567	-19.872	56.440	QUASIPEAK
6		0.474	9.797	19.720	29.517	-16.922	46.440	AVERAGE
7		1.158	9.820	23.230	33.049	-22.951	56.000	QUASIPEAK
8		1.158	9.820	16.370	26.189	-19.811	46.000	AVERAGE
9		10.330	10.142	17.390	27.532	-32.468	60.000	QUASIPEAK
10		10.330	10.142	14.340	24.482	-25.518	50.000	AVERAGE
11		25.232	10.256	18.200	28.456	-31.544	60.000	QUASIPEAK
12		25.232	10.256	17.880	28.136	-21.864	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 : 2015/11/19 - 10:56**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line1	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 4: Transmit_Adapter 3 802.11n(40M)_2437MHz**

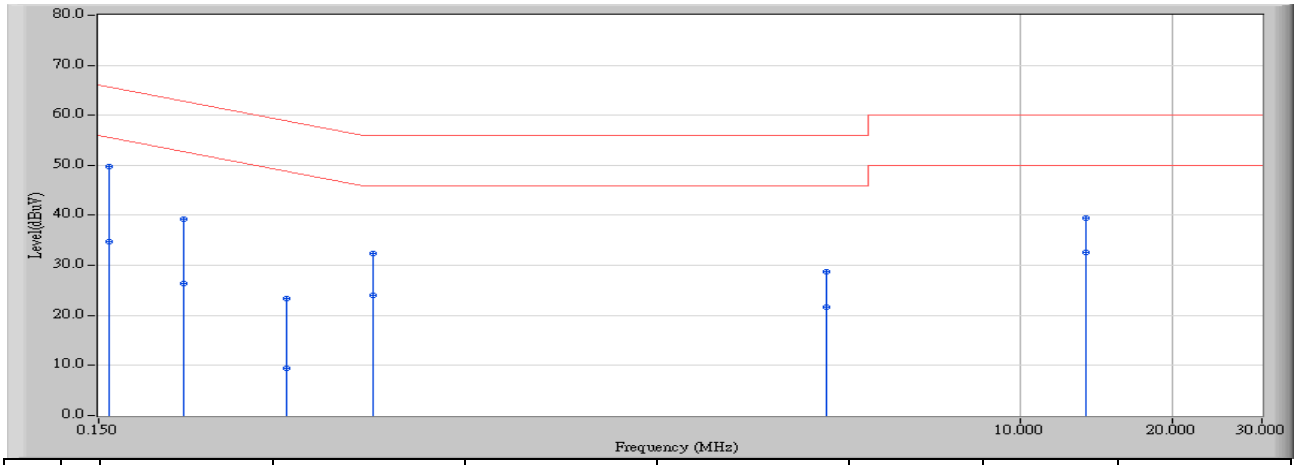


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.692	39.180	48.872	-17.127	65.999	QUASIPEAK
2		0.150	9.692	22.410	32.102	-23.897	55.999	AVERAGE
3		0.205	9.689	31.160	40.848	-22.570	63.418	QUASIPEAK
4		0.205	9.689	18.040	27.728	-25.690	53.418	AVERAGE
5		0.263	9.693	25.210	34.903	-26.424	61.327	QUASIPEAK
6		0.263	9.693	14.920	24.613	-26.714	51.327	AVERAGE
7		0.490	9.718	21.410	31.128	-25.042	56.170	QUASIPEAK
8		0.490	9.718	13.410	23.128	-23.042	46.170	AVERAGE
9		3.779	9.857	19.520	29.377	-26.623	56.000	QUASIPEAK
10		3.779	9.857	11.810	21.667	-24.333	46.000	AVERAGE
11		13.216	10.178	29.760	39.938	-20.062	60.000	QUASIPEAK
12	*	13.216	10.178	22.990	33.168	-16.832	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 : 2015/11/19 - 10:59**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line2	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 4: Transmit_Adapter 3 802.11n(40M)_2437MHz**

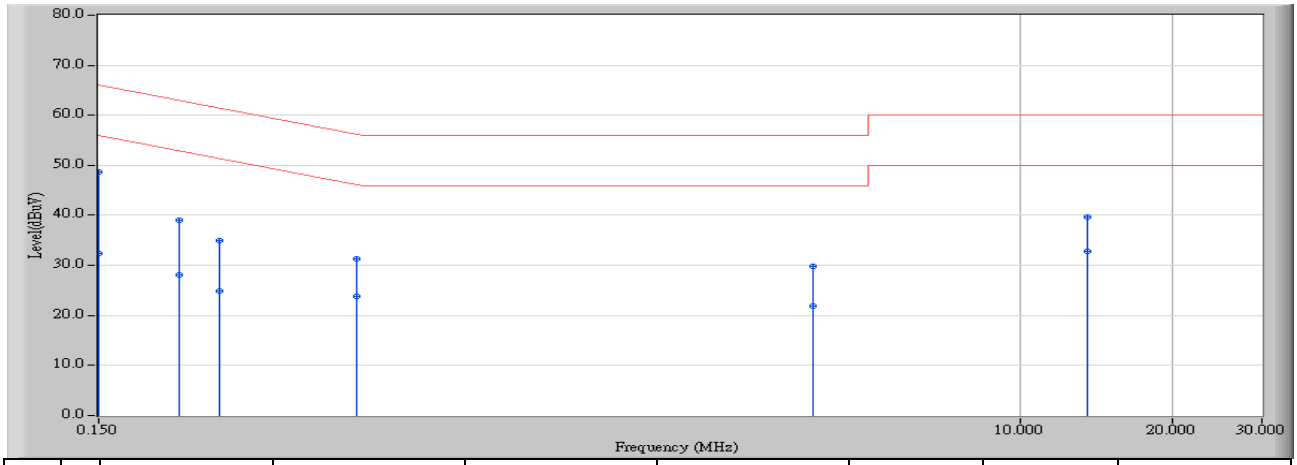


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.158	9.761	39.970	49.731	-15.847	65.578	QUASIPEAK
2		0.158	9.761	24.940	34.701	-20.877	55.578	AVERAGE
3		0.220	9.769	29.500	39.269	-23.538	62.807	QUASIPEAK
4		0.220	9.769	16.630	26.399	-26.408	52.807	AVERAGE
5		0.353	9.781	13.610	23.391	-35.497	58.889	QUASIPEAK
6		0.353	9.781	-0.310	9.471	-39.417	48.889	AVERAGE
7		0.525	9.802	22.490	32.292	-23.708	56.000	QUASIPEAK
8		0.525	9.802	14.300	24.102	-21.898	46.000	AVERAGE
9		4.119	9.952	18.860	28.811	-27.189	56.000	QUASIPEAK
10		4.119	9.952	11.640	21.591	-24.409	46.000	AVERAGE
11		13.474	10.158	29.350	39.507	-20.493	60.000	QUASIPEAK
12		13.474	10.158	22.500	32.657	-17.343	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 : 2015/11/19 - 10:38**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line1	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 4: Transmit_Adapter 3 802.11ac(80M)_5775MHz**

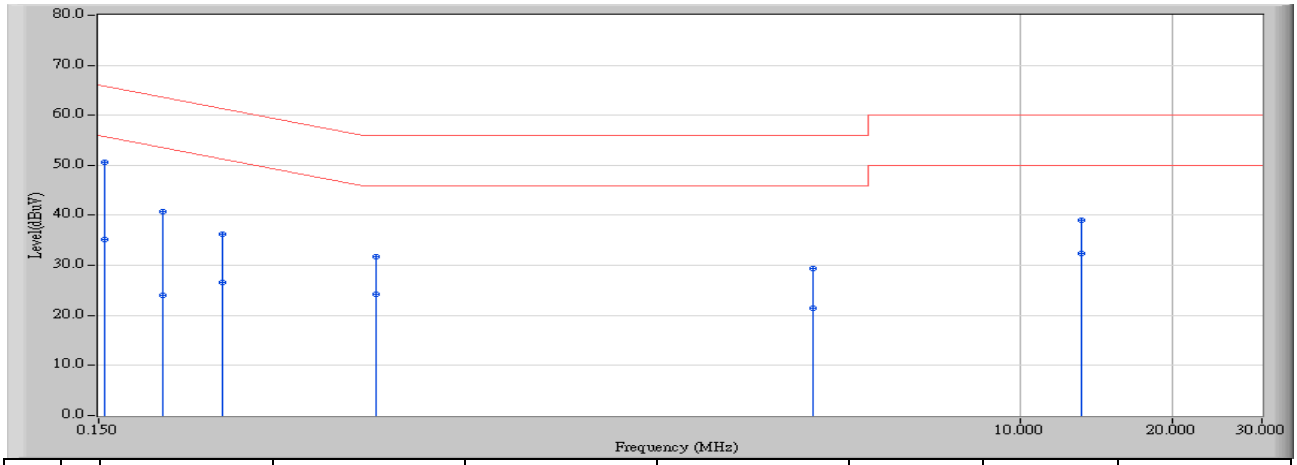


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.692	39.020	48.712	-17.288	66.000	QUASIPEAK
2		0.150	9.692	22.770	32.462	-23.538	56.000	AVERAGE
3		0.216	9.688	29.420	39.109	-23.847	62.956	QUASIPEAK
4		0.216	9.688	18.450	28.139	-24.817	52.956	AVERAGE
5		0.259	9.692	25.170	34.863	-26.589	61.451	QUASIPEAK
6		0.259	9.692	15.180	24.873	-26.579	51.451	AVERAGE
7		0.486	9.718	21.610	31.328	-24.909	56.237	QUASIPEAK
8		0.486	9.718	14.020	23.738	-22.499	46.237	AVERAGE
9		3.873	9.861	19.970	29.831	-26.169	56.000	QUASIPEAK
10		3.873	9.861	12.060	21.921	-24.079	46.000	AVERAGE
11		13.548	10.184	29.390	39.575	-20.425	60.000	QUASIPEAK
12	*	13.548	10.184	22.660	32.845	-17.155	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 : 2015/11/19 - 10:34**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line2	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 4: Transmit_Adapter 3 802.11ac(80M)_5775MHz**

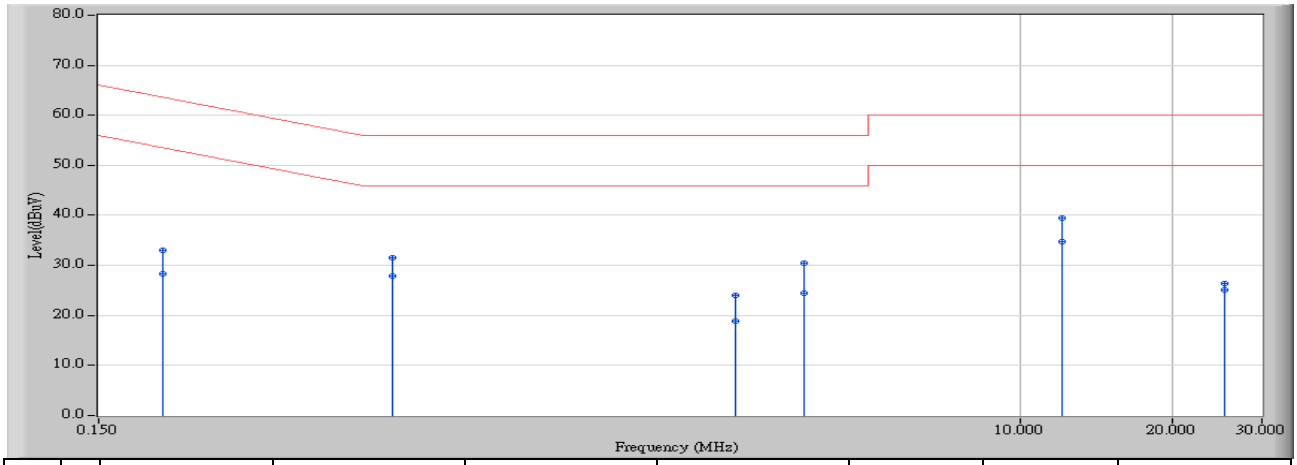


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.762	40.790	50.552	-15.234	65.785	QUASIPEAK
2		0.154	9.762	25.330	35.092	-20.694	55.785	AVERAGE
3		0.201	9.767	30.880	40.647	-22.931	63.578	QUASIPEAK
4		0.201	9.767	14.320	24.087	-29.491	53.578	AVERAGE
5		0.263	9.773	26.580	36.353	-24.974	61.327	QUASIPEAK
6		0.263	9.773	16.720	26.493	-24.834	51.327	AVERAGE
7		0.529	9.802	21.950	31.752	-24.248	56.000	QUASIPEAK
8		0.529	9.802	14.370	24.172	-21.828	46.000	AVERAGE
9		3.892	9.942	19.380	29.322	-26.678	56.000	QUASIPEAK
10		3.892	9.942	11.540	21.482	-24.518	46.000	AVERAGE
11		13.181	10.155	28.890	39.046	-20.954	60.000	QUASIPEAK
12		13.181	10.155	22.150	32.306	-17.694	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 : 2015/11/17 - 16:05**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line1	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 5: Transmit_Adapter 4 802.11n(40M)_2437MHz**

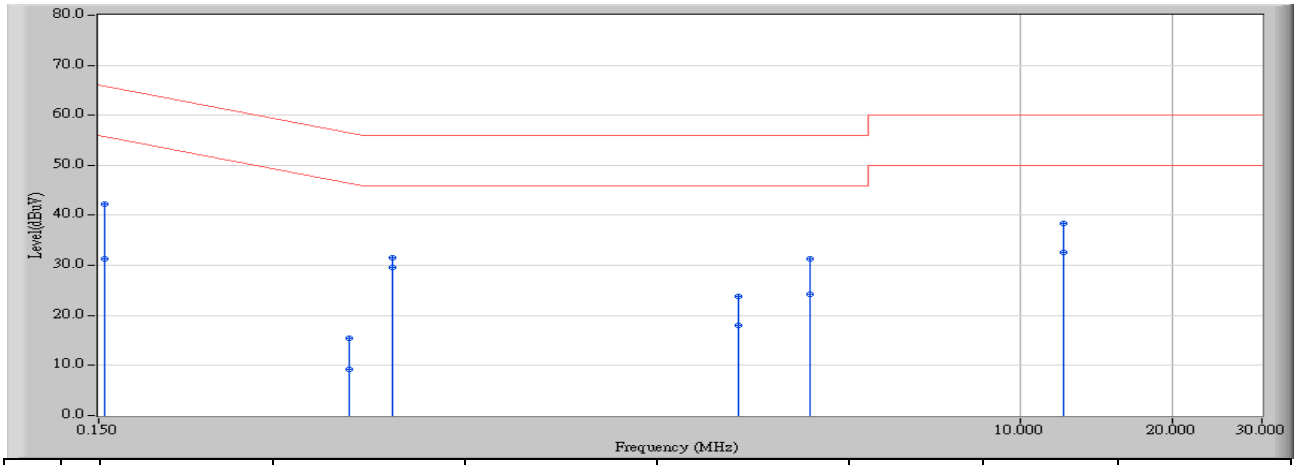


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.201	9.688	23.240	32.928	-30.650	63.578	QUASIPEAK
2		0.201	9.688	18.520	28.208	-25.370	53.578	AVERAGE
3		0.572	9.720	21.840	31.560	-24.440	56.000	QUASIPEAK
4		0.572	9.720	18.210	27.930	-18.070	46.000	AVERAGE
5		2.728	9.811	14.290	24.102	-31.898	56.000	QUASIPEAK
6		2.728	9.811	9.070	18.882	-27.118	46.000	AVERAGE
7		3.736	9.855	20.580	30.435	-25.565	56.000	QUASIPEAK
8		3.736	9.855	14.540	24.395	-21.605	46.000	AVERAGE
9		12.056	10.153	29.300	39.453	-20.547	60.000	QUASIPEAK
10	*	12.056	10.153	24.660	34.813	-15.187	50.000	AVERAGE
11		25.232	10.470	15.900	26.369	-33.631	60.000	QUASIPEAK
12		25.232	10.470	14.670	25.139	-24.861	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 : 2015/11/17 - 16:07**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line2	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 5: Transmit_Adapter 4 802.11n(40M)_2437MHz**

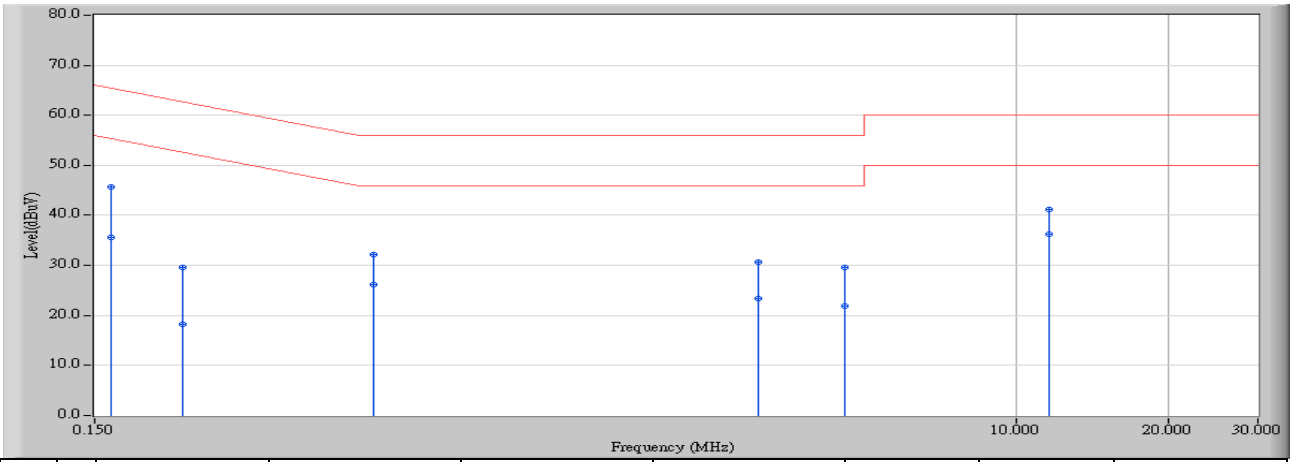


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.762	32.400	42.162	-23.625	65.786	QUASIPEAK
2		0.154	9.762	21.590	31.352	-24.435	55.786	AVERAGE
3		0.470	9.797	5.560	15.357	-41.152	56.508	QUASIPEAK
4		0.470	9.797	-0.530	9.267	-37.242	46.508	AVERAGE
5		0.572	9.803	21.780	31.583	-24.417	56.000	QUASIPEAK
6	*	0.572	9.803	19.760	29.563	-16.437	46.000	AVERAGE
7		2.755	9.899	13.980	23.879	-32.121	56.000	QUASIPEAK
8		2.755	9.899	8.200	18.099	-27.901	46.000	AVERAGE
9		3.830	9.940	21.420	31.360	-24.640	56.000	QUASIPEAK
10		3.830	9.940	14.350	24.290	-21.710	46.000	AVERAGE
11		12.134	10.151	28.170	38.321	-21.679	60.000	QUASIPEAK
12		12.134	10.151	22.500	32.651	-17.349	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 : 2015/11/17 - 15:10**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line1	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 5: Transmit_Adapter 4 802.11ac(80M)_5775MHz**

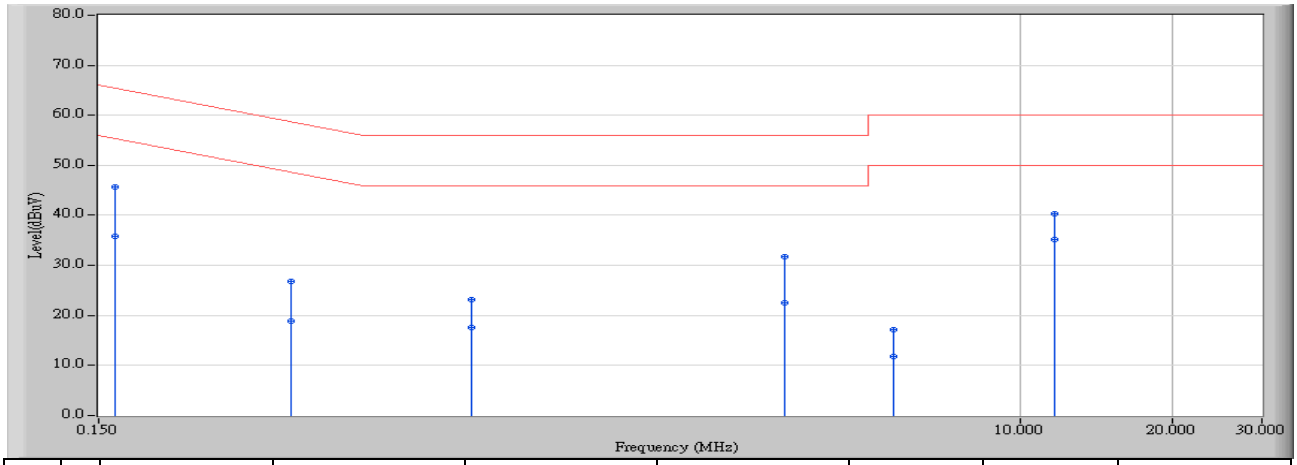


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.690	35.900	45.589	-19.785	65.375	QUASIPEAK
2		0.162	9.690	25.980	35.669	-19.705	55.375	AVERAGE
3		0.224	9.689	19.900	29.589	-33.071	62.660	QUASIPEAK
4		0.224	9.689	8.520	18.209	-34.451	52.660	AVERAGE
5		0.533	9.720	22.470	32.190	-23.810	56.000	QUASIPEAK
6		0.533	9.720	16.550	26.270	-19.730	46.000	AVERAGE
7		3.091	9.827	20.920	30.747	-25.253	56.000	QUASIPEAK
8		3.091	9.827	13.570	23.397	-22.603	46.000	AVERAGE
9		4.584	9.894	19.670	29.564	-26.436	56.000	QUASIPEAK
10		4.584	9.894	11.960	21.854	-24.146	46.000	AVERAGE
11		11.611	10.144	30.940	41.084	-18.916	60.000	QUASIPEAK
12	*	11.611	10.144	26.170	36.314	-13.686	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 : 2015/11/17 - 15:13**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-5_0818 - Line2	**Power : AC 120 V / 60Hz**
EUT : Wireless-AC2600 Dual WAN VPN Wireless Router	**Note : Mode 5: Transmit_Adapter 4 802.11ac(80M)_5775MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.762	36.000	45.762	-19.611	65.373	QUASIPEAK
2		0.162	9.762	25.980	35.742	-19.631	55.373	AVERAGE
3		0.361	9.782	17.020	26.802	-31.904	58.706	QUASIPEAK
4		0.361	9.782	9.100	18.882	-29.824	48.706	AVERAGE
5		0.818	9.807	13.290	23.097	-32.903	56.000	QUASIPEAK
6		0.818	9.807	7.780	17.587	-28.413	46.000	AVERAGE
7		3.412	9.924	21.720	31.644	-24.356	56.000	QUASIPEAK
8		3.412	9.924	12.560	22.484	-23.516	46.000	AVERAGE
9		5.588	10.003	7.250	17.253	-42.747	60.000	QUASIPEAK
10		5.588	10.003	1.730	11.733	-38.267	50.000	AVERAGE
11		11.693	10.149	30.080	40.228	-19.772	60.000	QUASIPEAK
12	*	11.693	10.149	25.080	35.228	-14.772	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

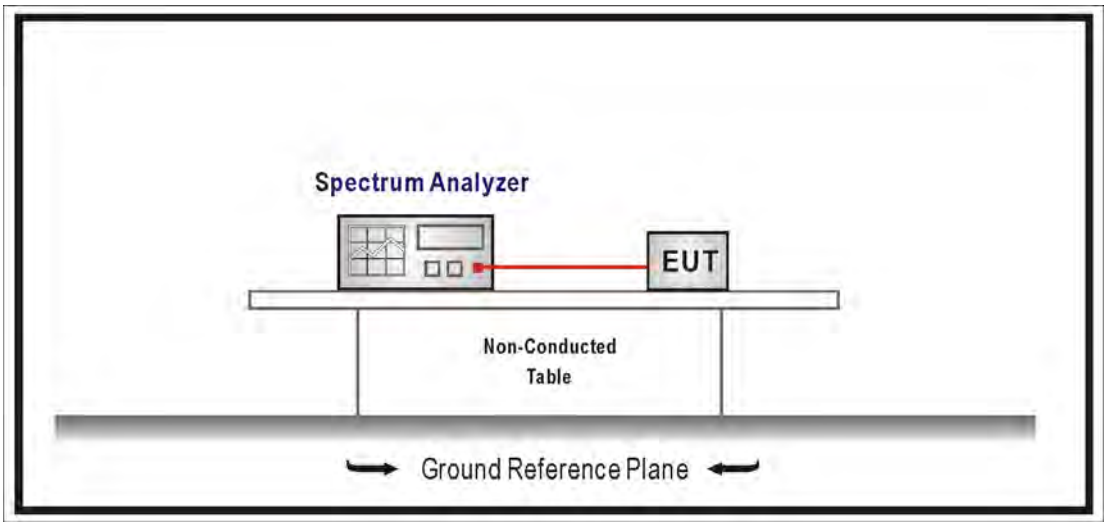
The following test equipments are used during the test:

Peak Power Output / SR7

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

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	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

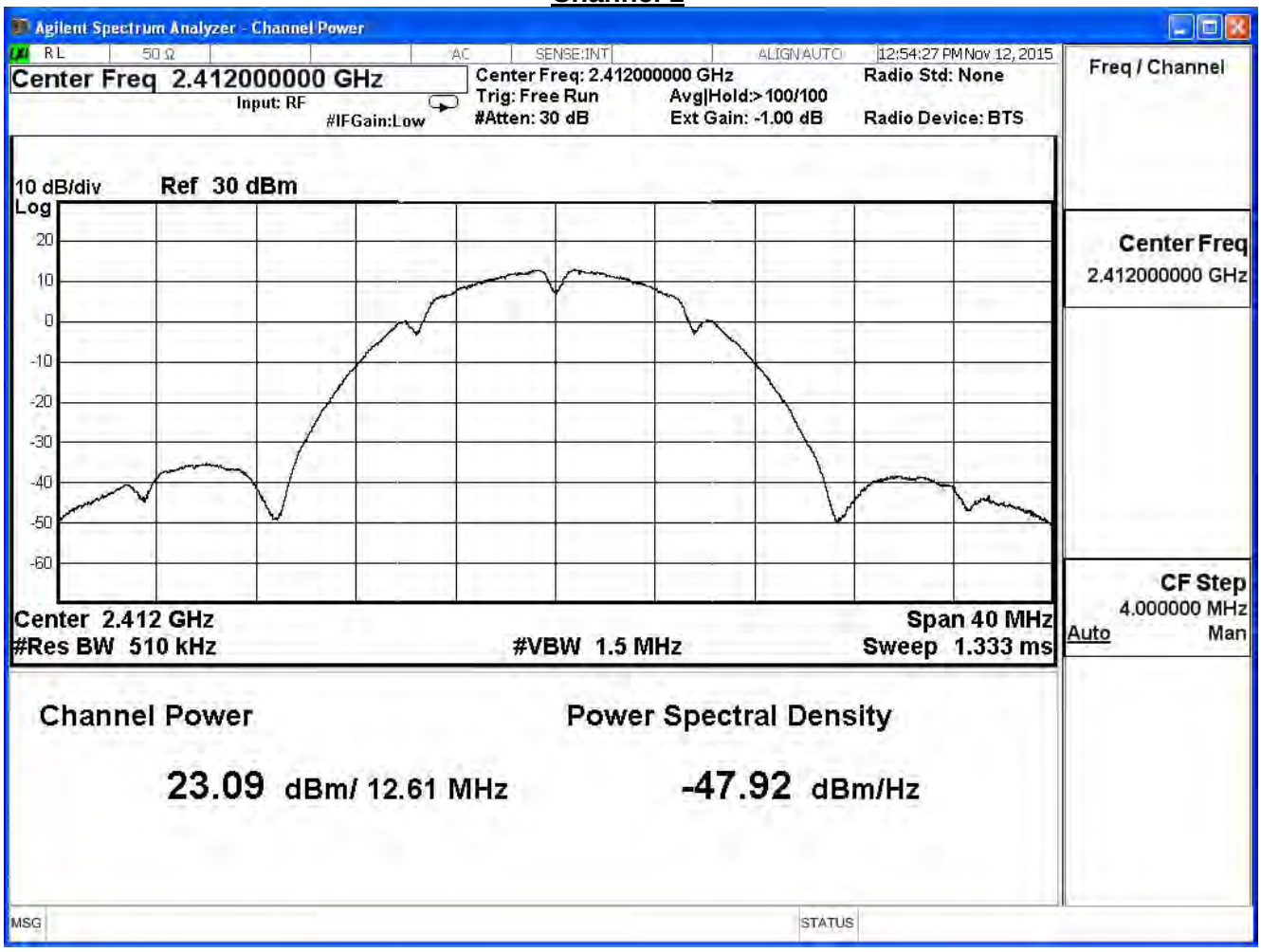
IEEE 802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	23.09	≦30
2	2417	23.05	≦30
6	2437	23.78	≦30
10	2457	22.42	≦30
11	2462	22.37	≦30

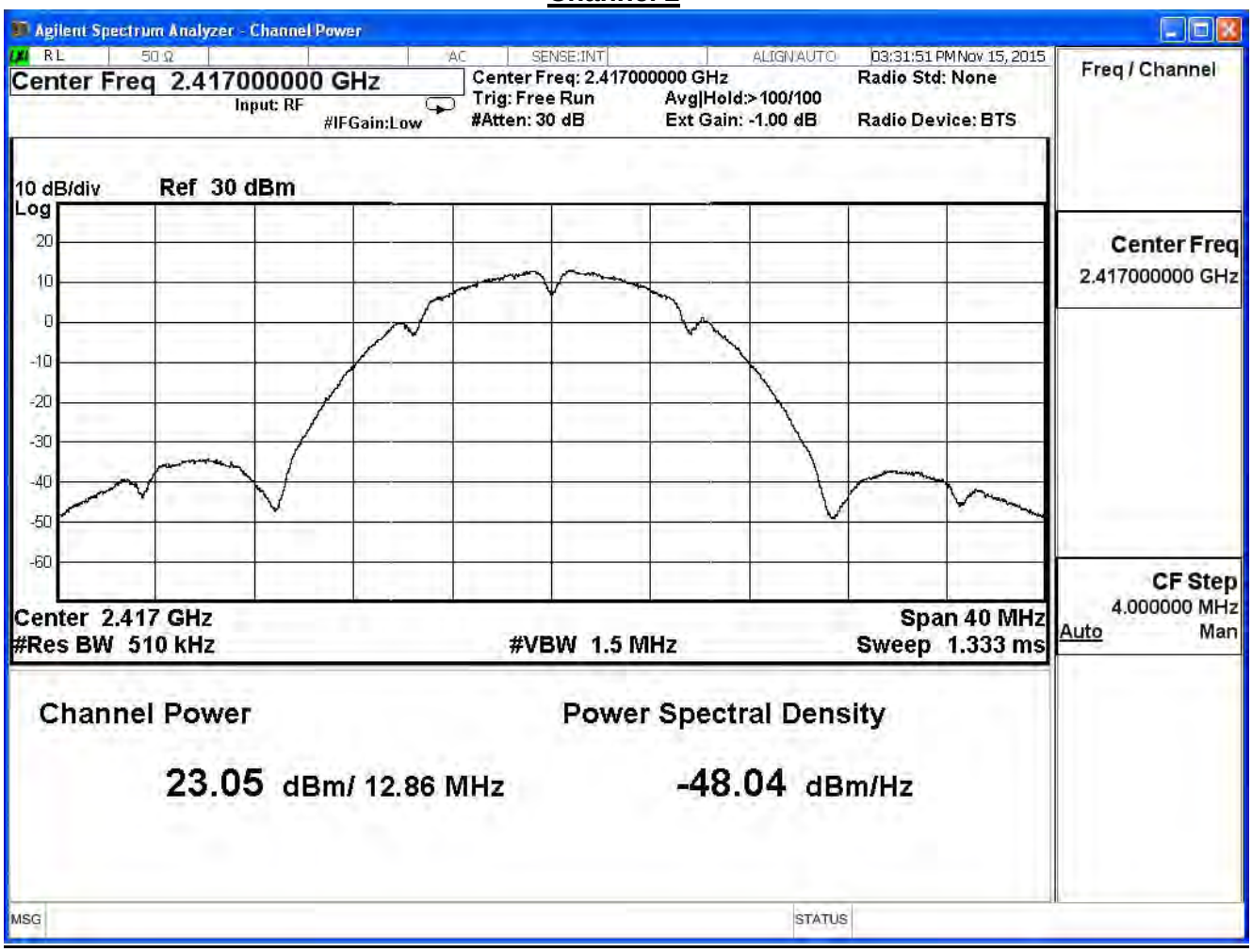
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	23.09	--	--	--	≦30
2	2417	23.05	--	--	--	≦30
6	2437	23.78	23.71	23.67	23.61	≦30
10	2457	22.42	--	--	--	≦30
11	2462	22.37	--	--	--	≦30

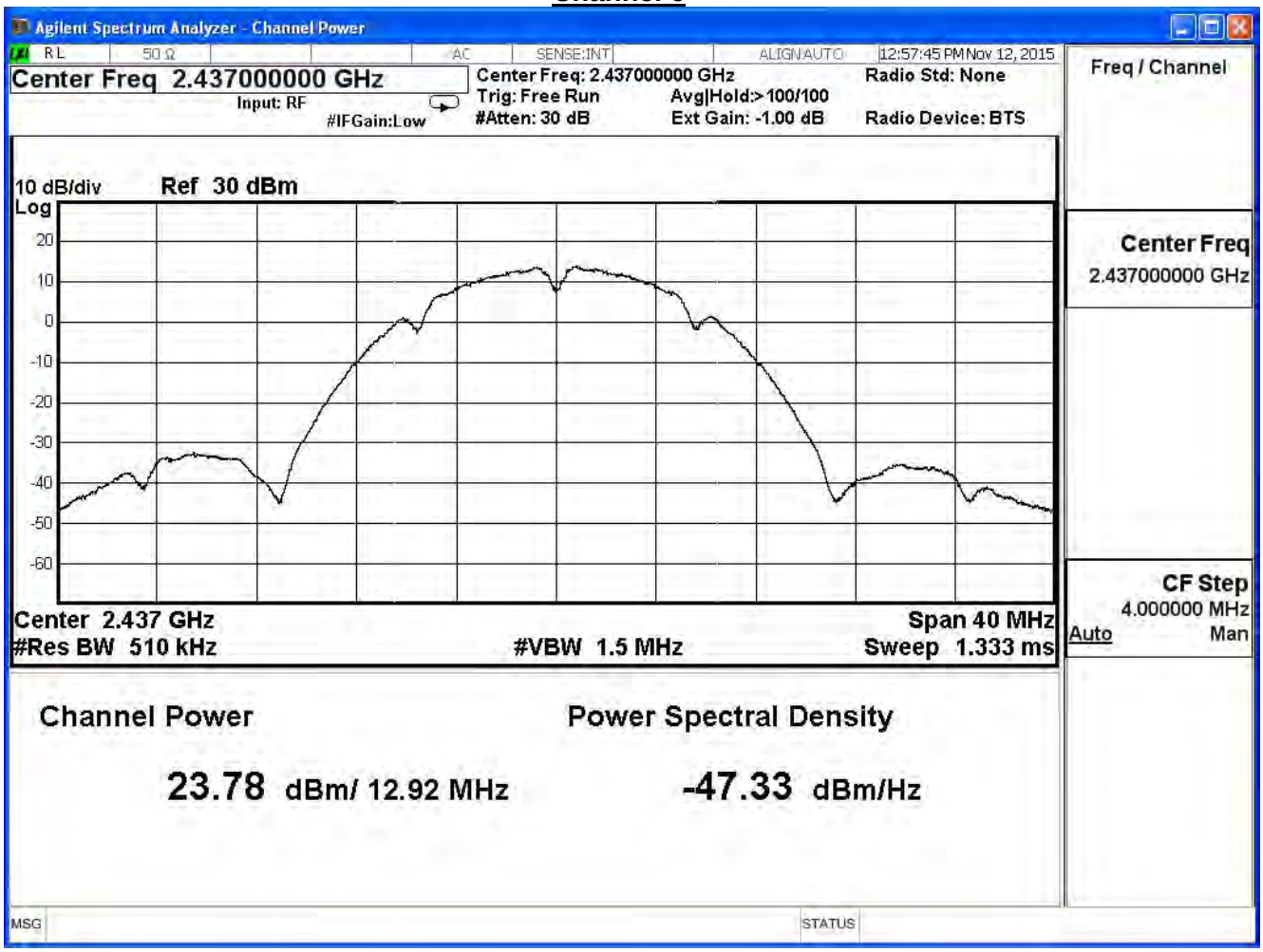
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:54:27 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.09 dBm/ 12.61 MHz
Power Spectral Density
-47.92 dBm/Hz
MSG
STATUS

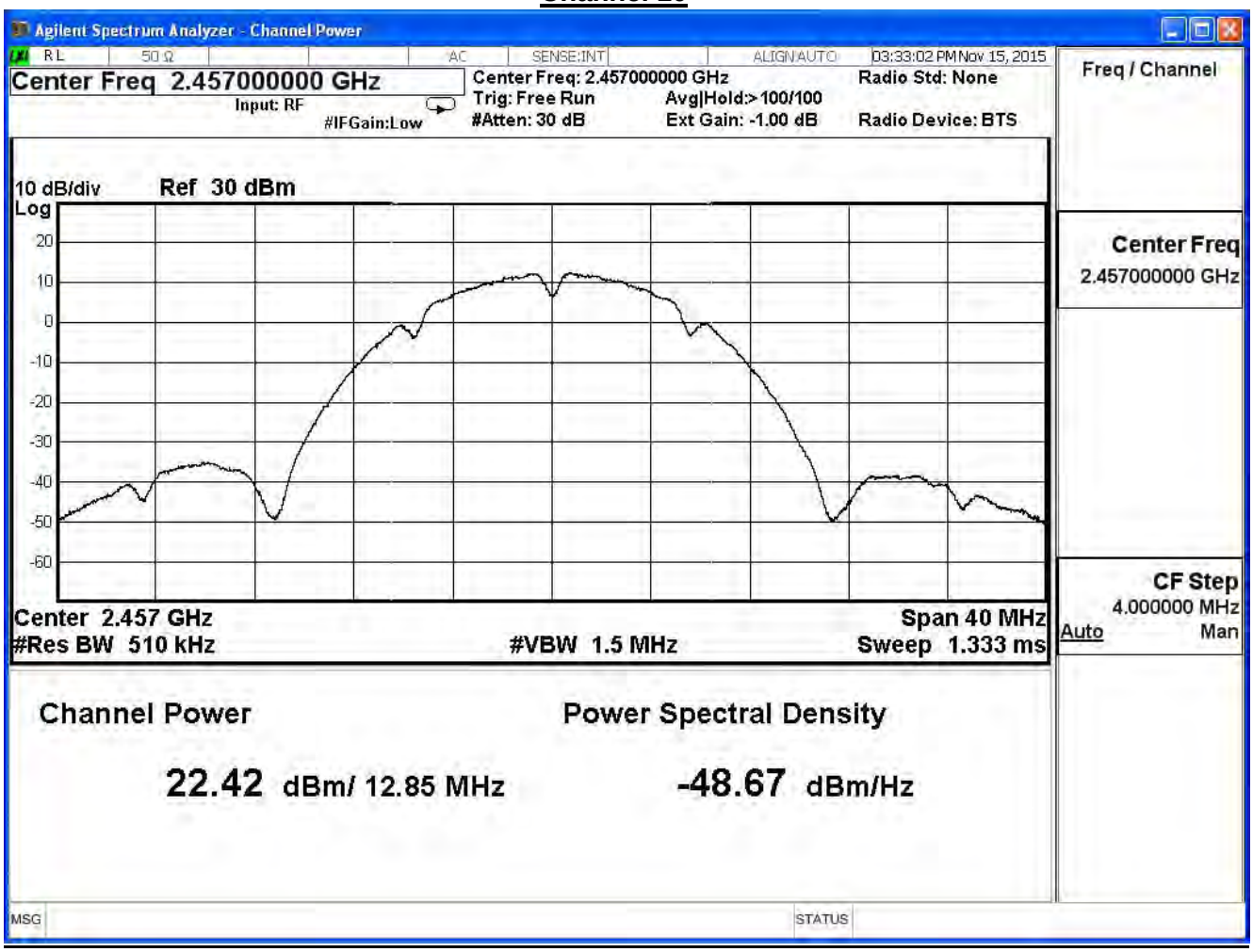
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:31:51 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.05 dBm/ 12.86 MHz
Power Spectral Density
-48.04 dBm/Hz
MSG
STATUS

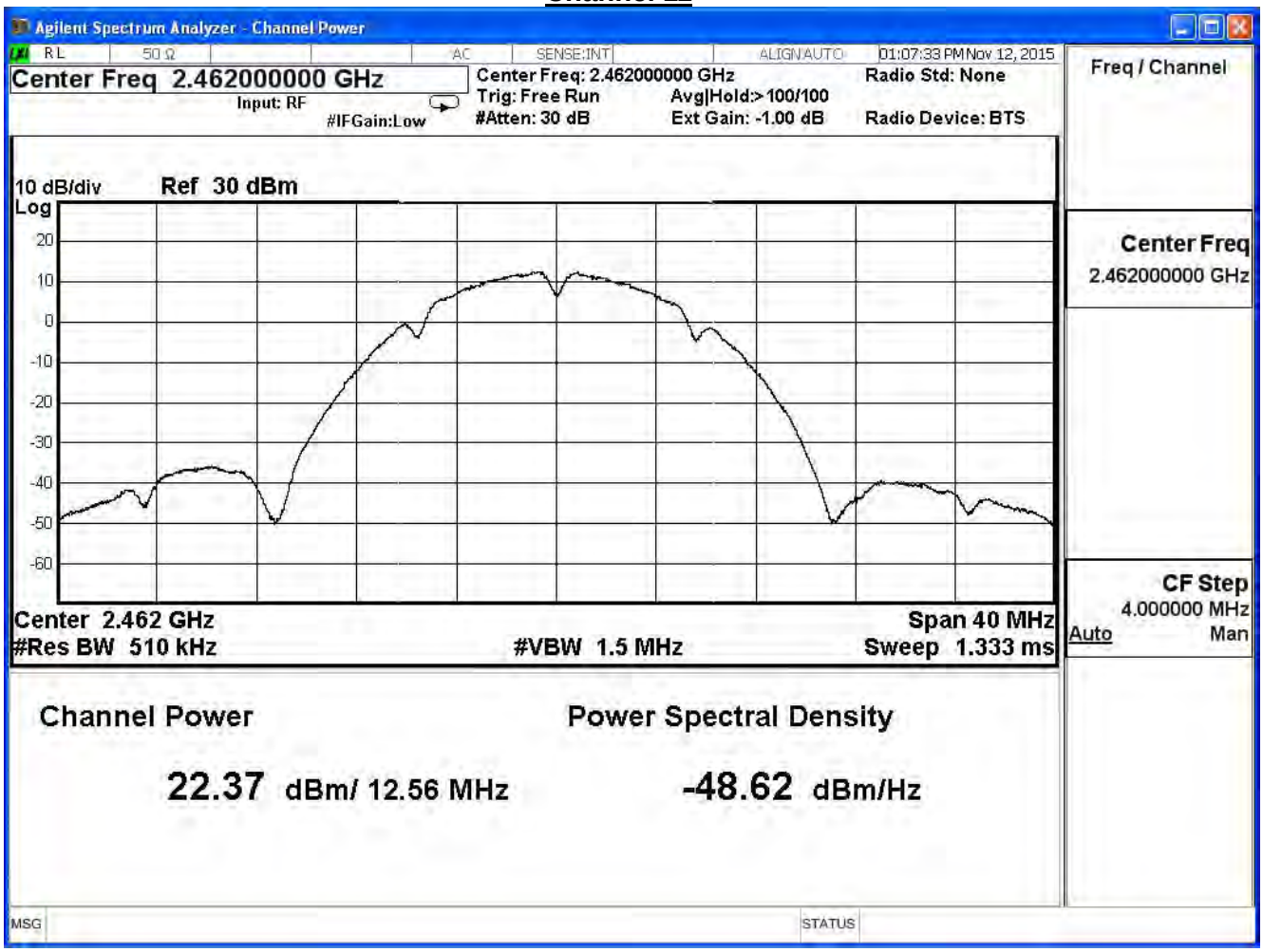
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:57:45 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.78 dBm/ 12.92 MHz
Power Spectral Density
-47.33 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:33:02 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
22.42 dBm/ 12.85 MHz
Power Spectral Density
-48.67 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:07:33 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.37 dBm/ 12.56 MHz
Power Spectral Density
-48.62 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

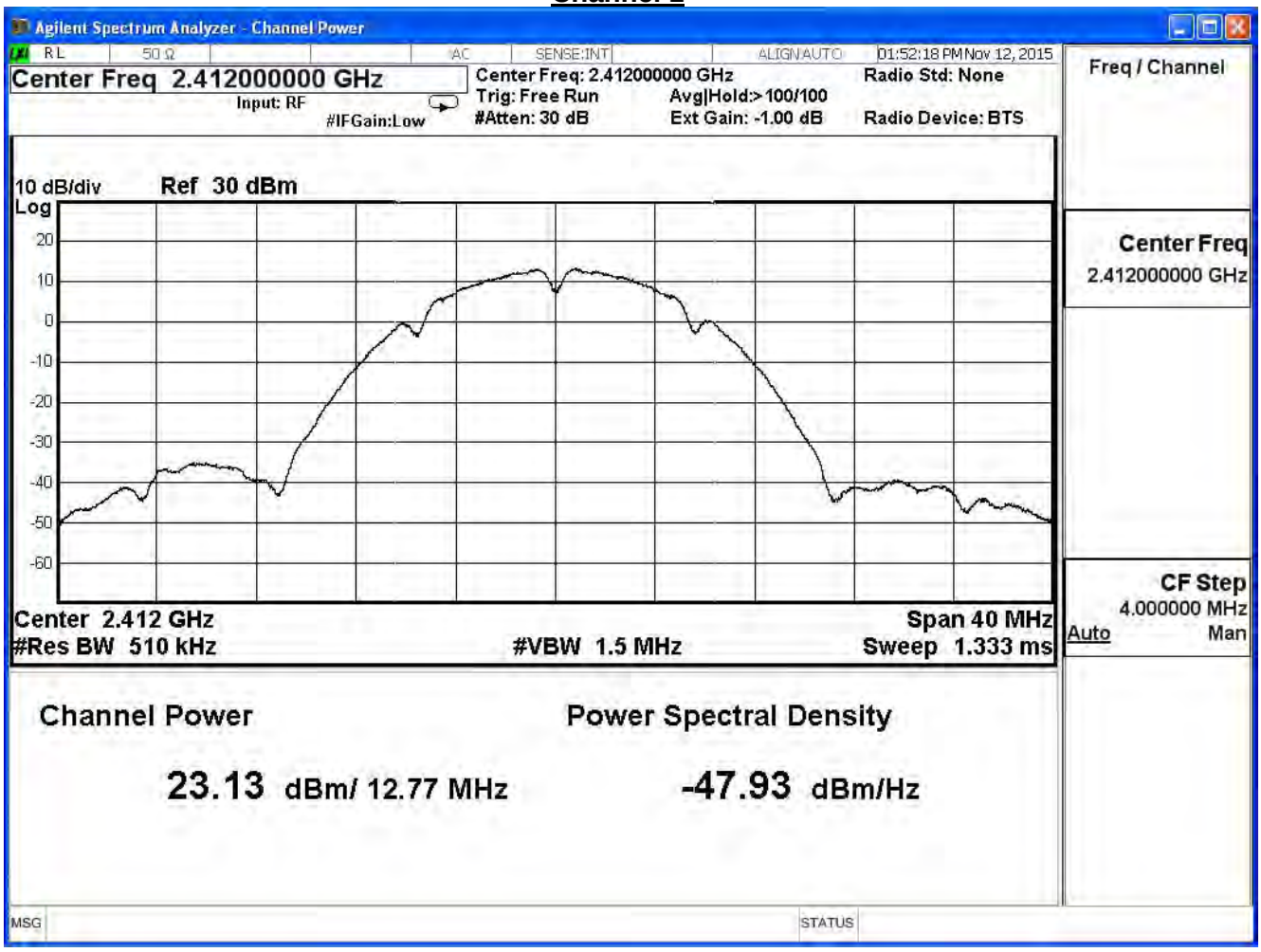
IEEE 802.11b (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	23.13	≦30
2	2417	23.25	≦30
6	2437	23.75	≦30
10	2457	22.91	≦30
11	2462	22.03	≦30

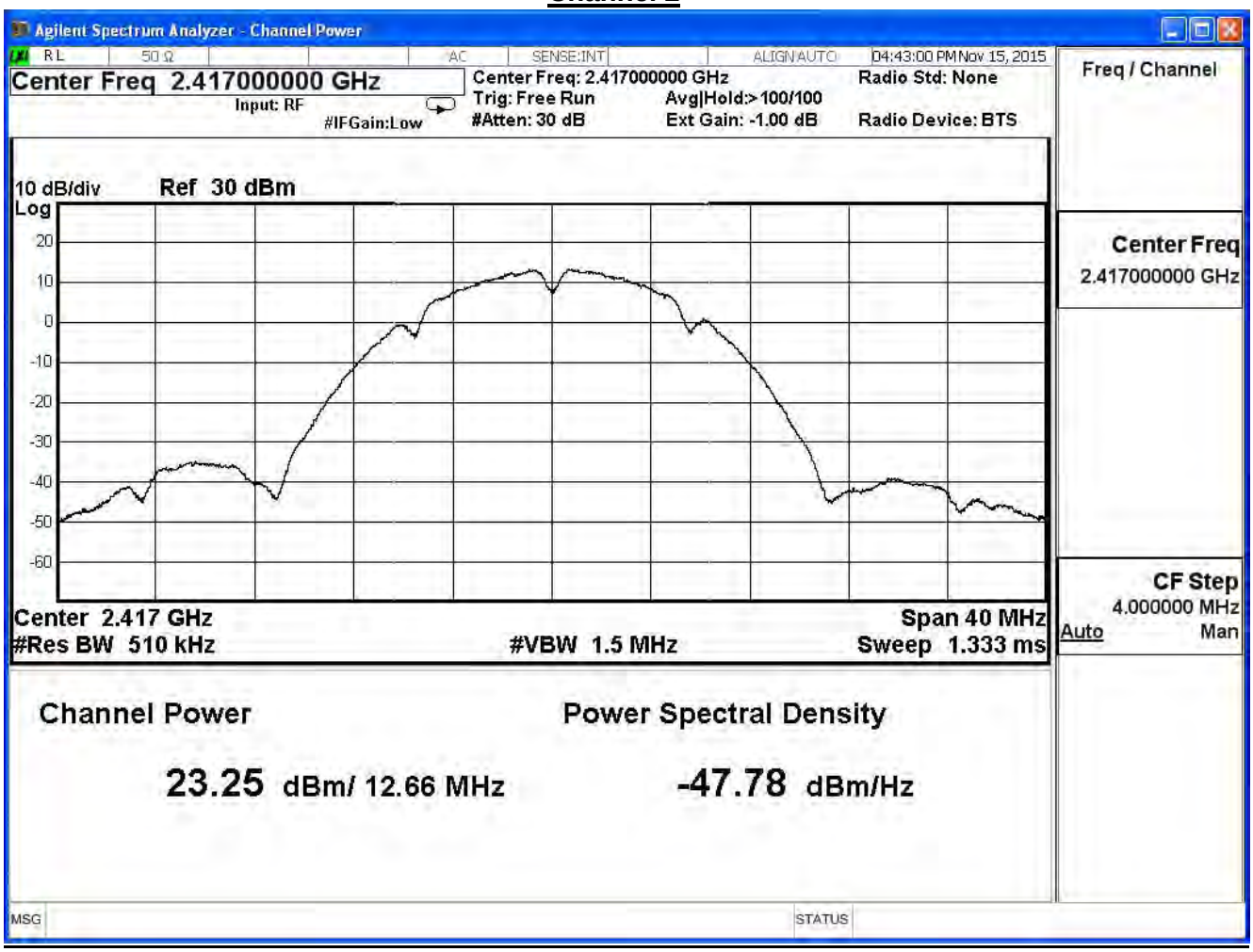
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	23.13	--	--	--	≦30
2	2417	23.25	--	--	--	≦30
6	2437	23.75	23.71	23.68	23.66	≦30
10	2457	22.91	--	--	--	≦30
11	2462	22.03	--	--	--	≦30

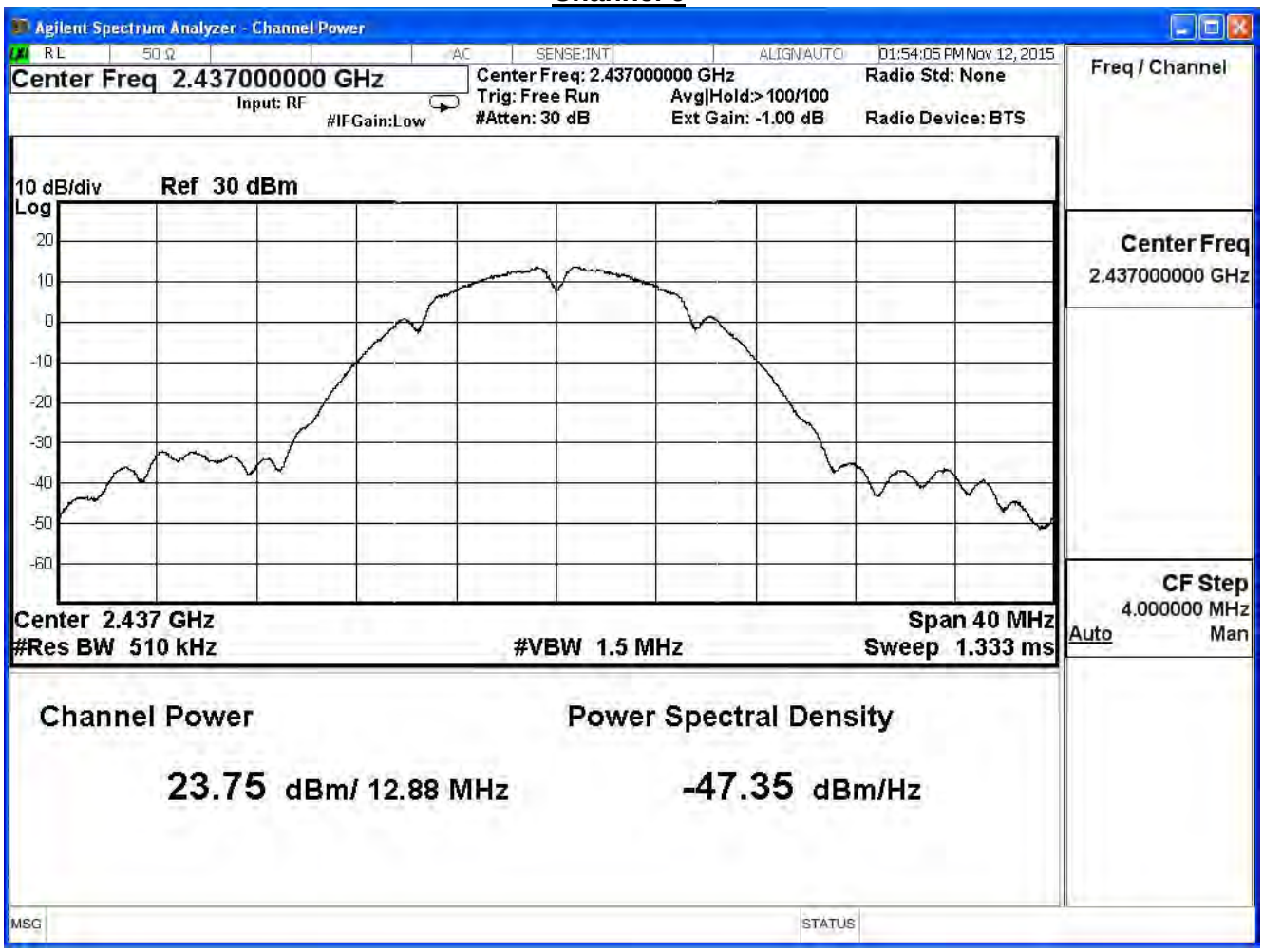
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:52:18 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.13 dBm/ 12.77 MHz
Power Spectral Density
-47.93 dBm/Hz
MSG
STATUS

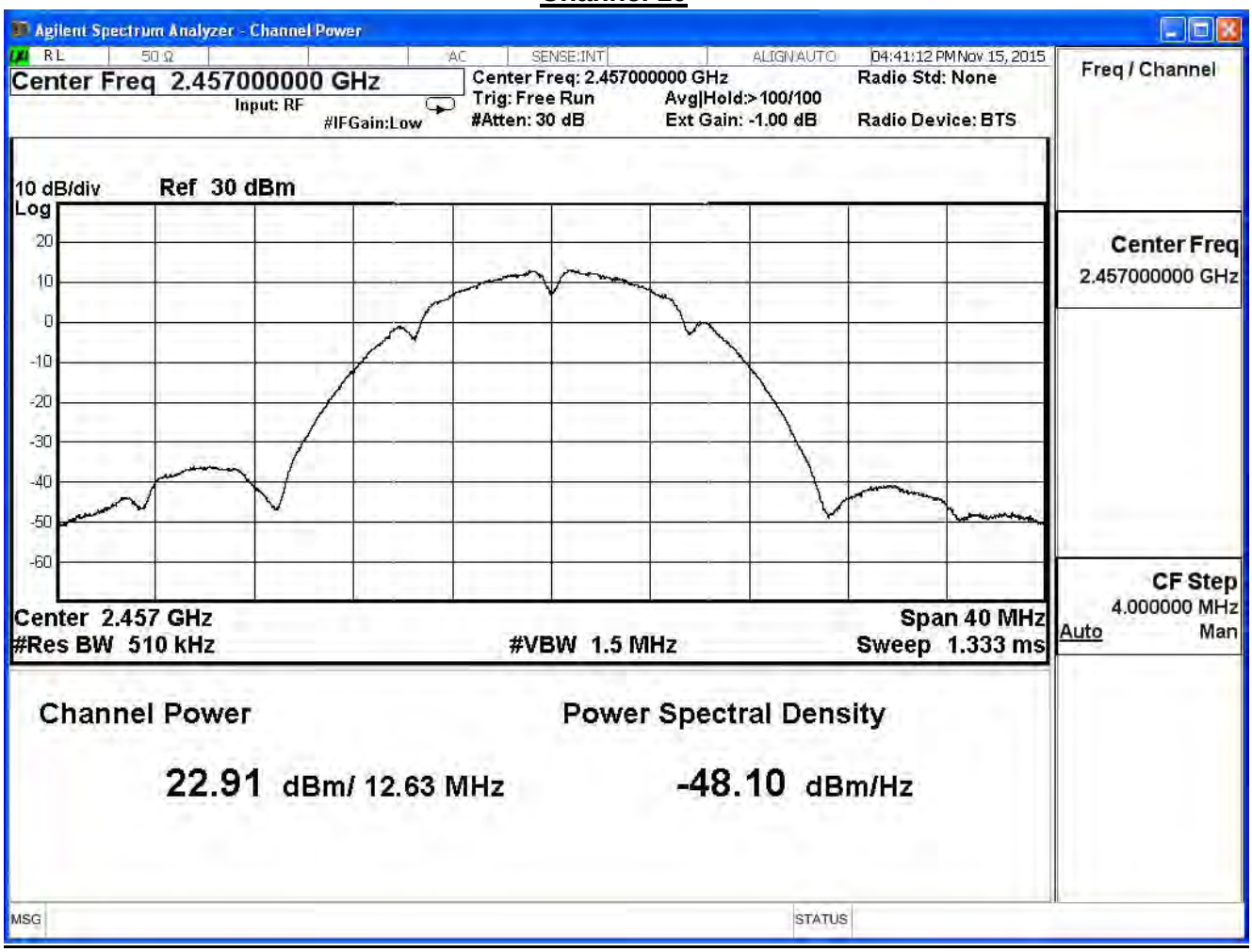
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:43:00 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.25 dBm/ 12.66 MHz
Power Spectral Density
-47.78 dBm/Hz
MSG
STATUS

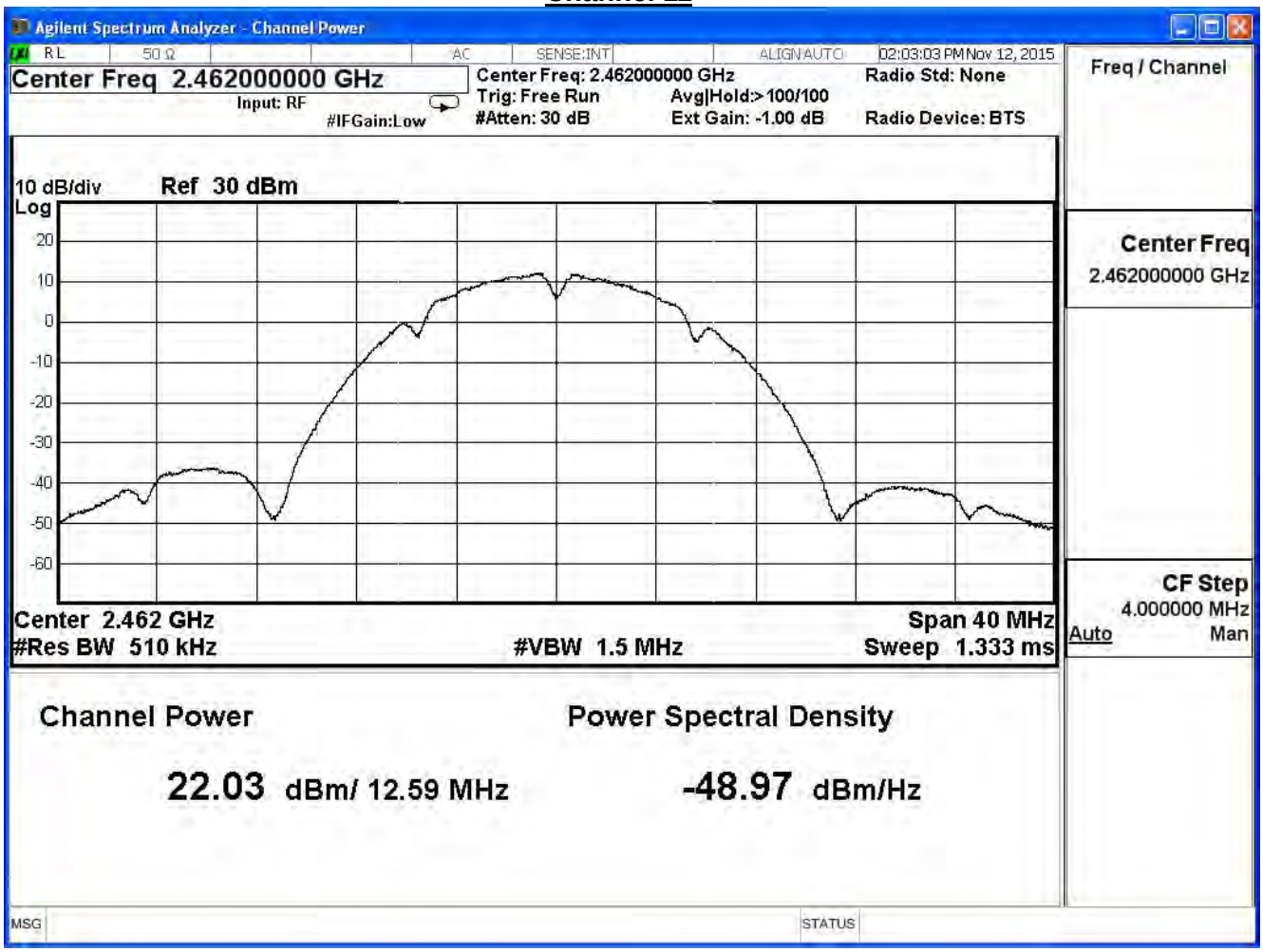
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:54:05 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.75 dBm/ 12.88 MHz
Power Spectral Density
-47.35 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:41:12 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.91 dBm/ 12.63 MHz
Power Spectral Density
-48.10 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:03:03 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.03 dBm/ 12.59 MHz
Power Spectral Density
-48.97 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

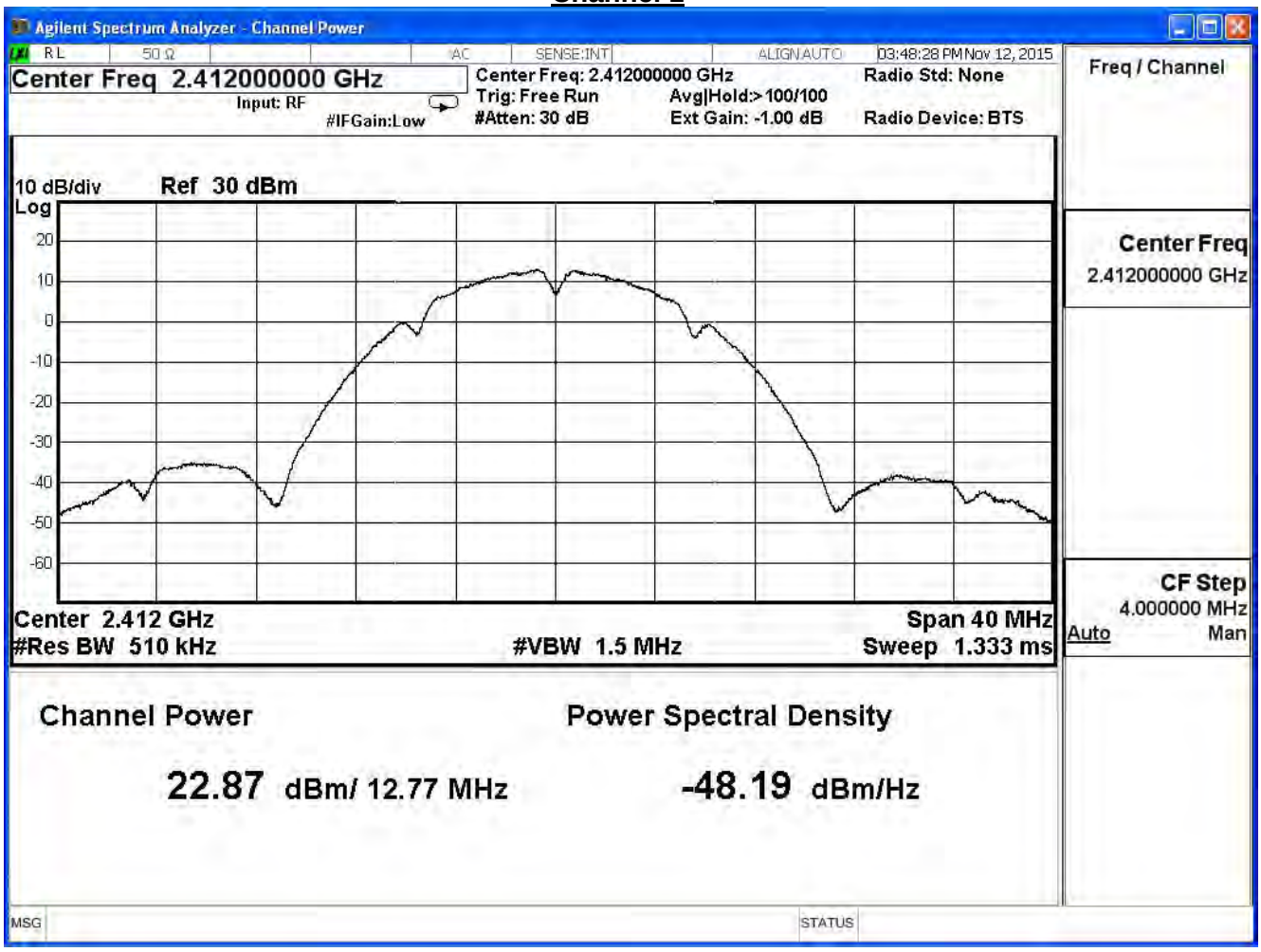
IEEE 802.11b (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.87	≦30
2	2417	22.86	≦30
6	2437	23.72	≦30
10	2457	22.18	≦30
11	2462	22.03	≦30

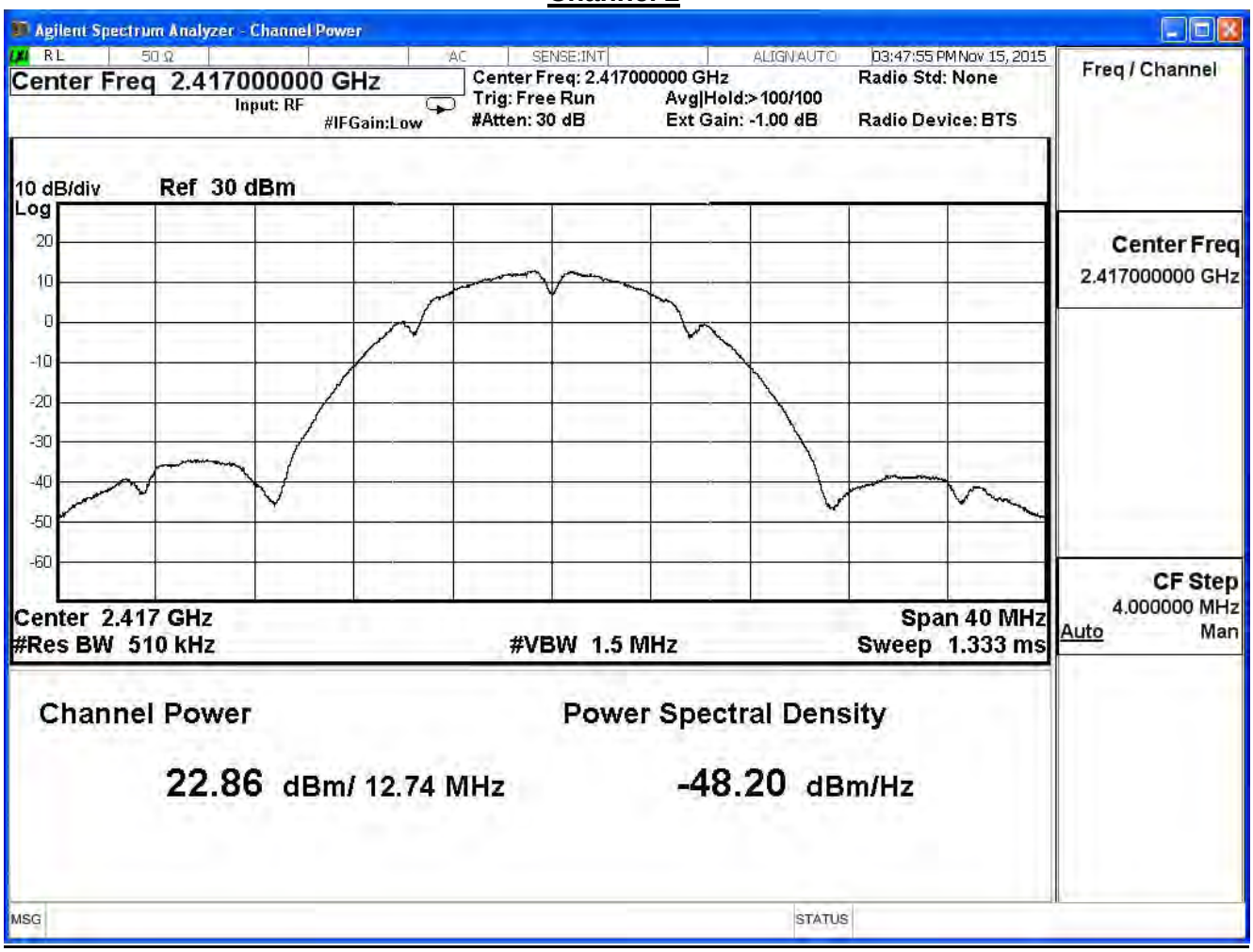
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	22.87	--	--	--	≦30
2	2417	22.86	--	--	--	≦30
6	2437	23.72	23.70	23.68	23.64	≦30
10	2457	22.18	--	--	--	≦30
11	2462	22.03	--	--	--	≦30

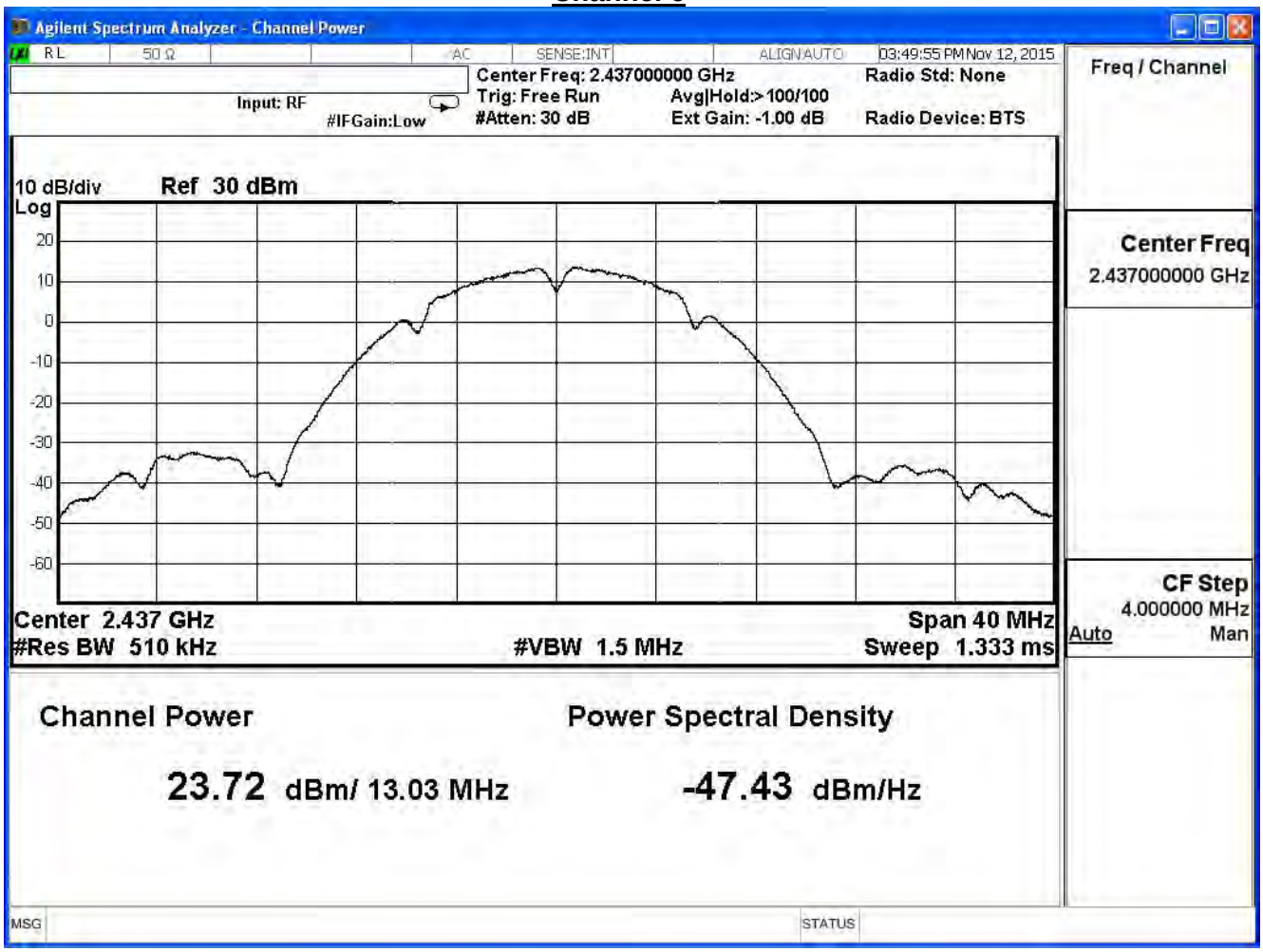
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:48:28 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.87 dBm/ 12.77 MHz
Power Spectral Density
-48.19 dBm/Hz
MSG
STATUS

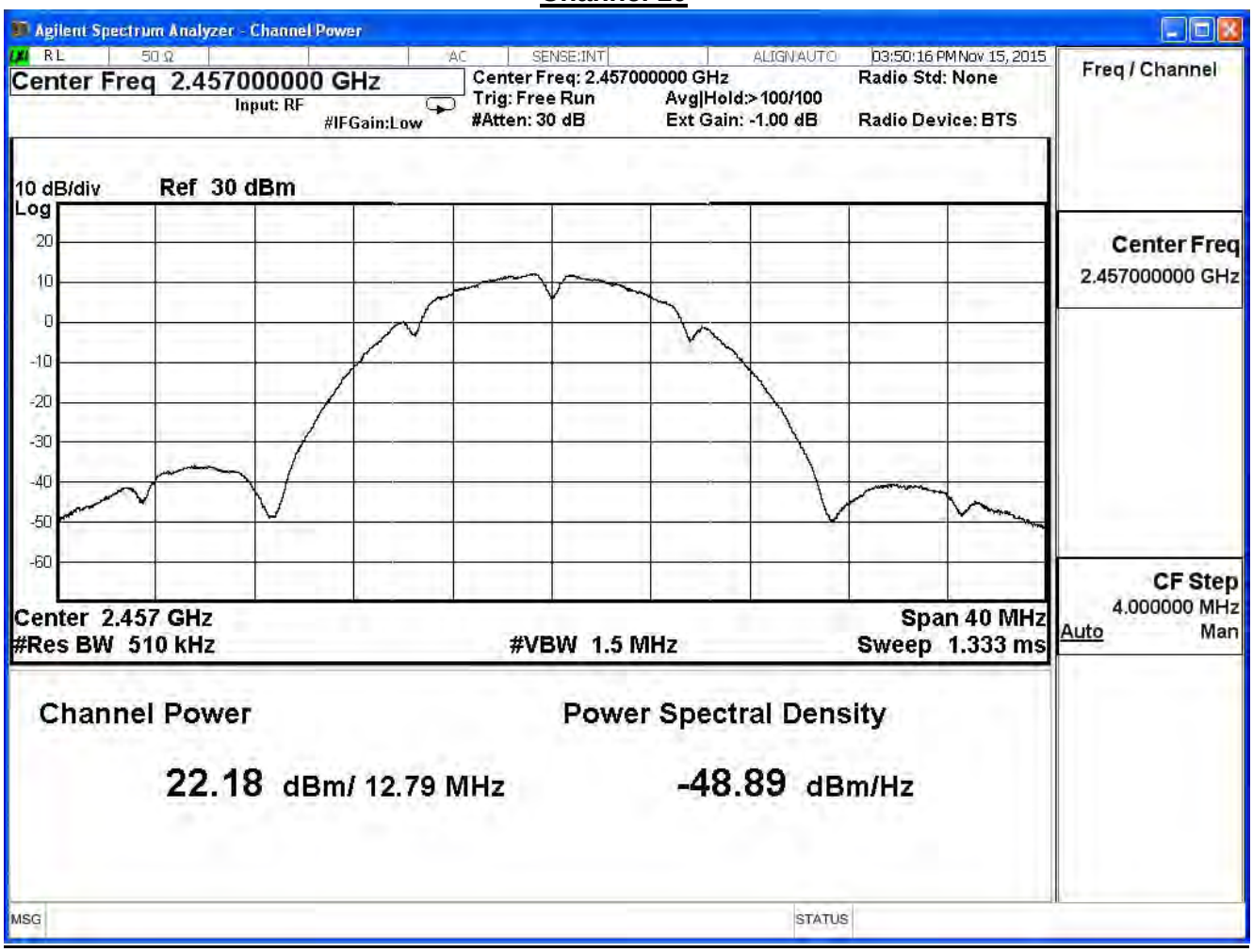
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:47:55 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.86 dBm/ 12.74 MHz
Power Spectral Density
-48.20 dBm/Hz
MSG
STATUS

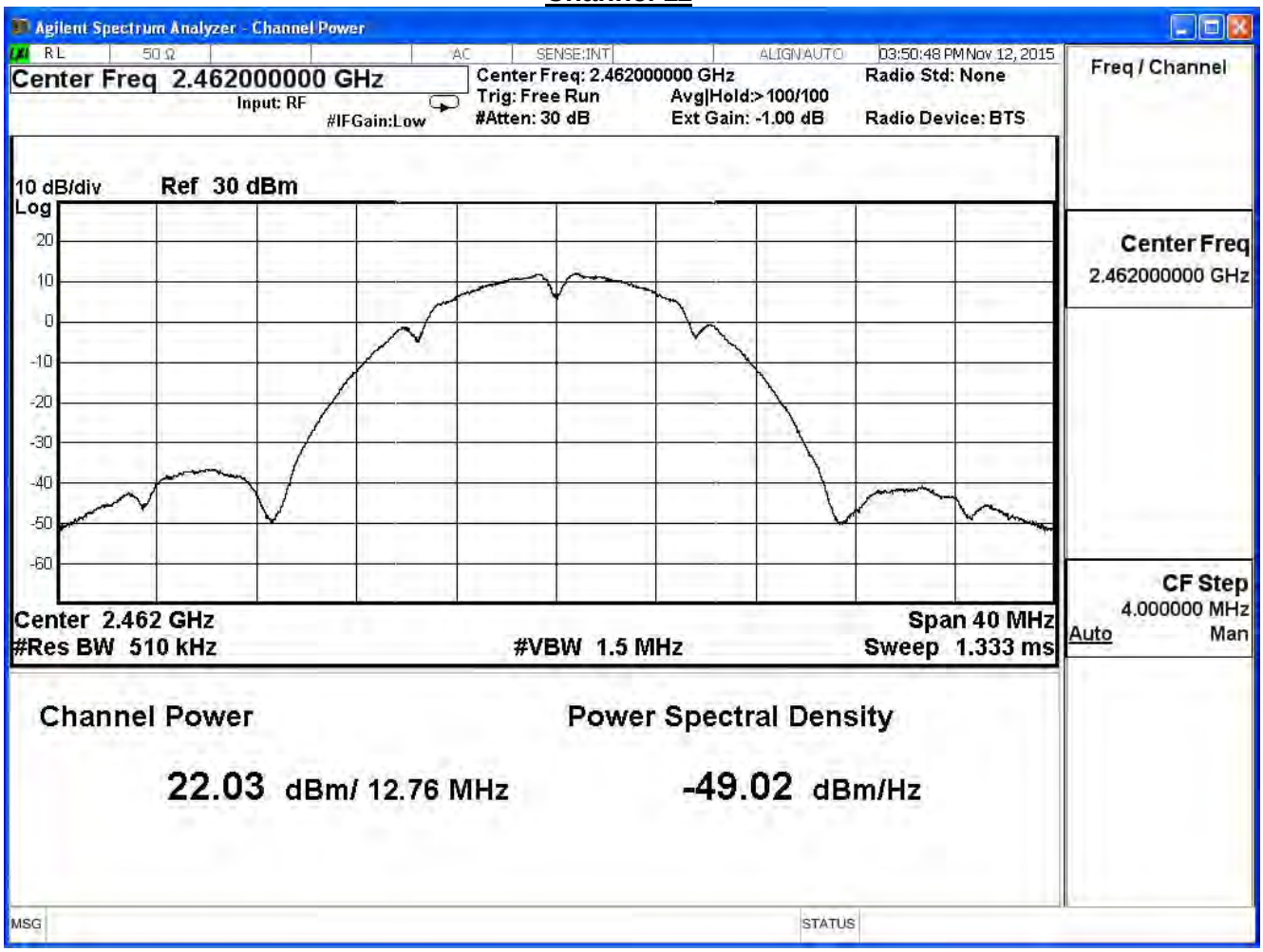
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:49:55 PM Nov 12, 2015
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Input: RF
#IFGain:Low
Freq / Channel
10 dB/div
Ref 30 dBm
Log
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.72 dBm/ 13.03 MHz
Power Spectral Density
-47.43 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:50:16 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.18 dBm/ 12.79 MHz
Power Spectral Density
-48.89 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:50:48 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.03 dBm/ 12.76 MHz
Power Spectral Density
-49.02 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

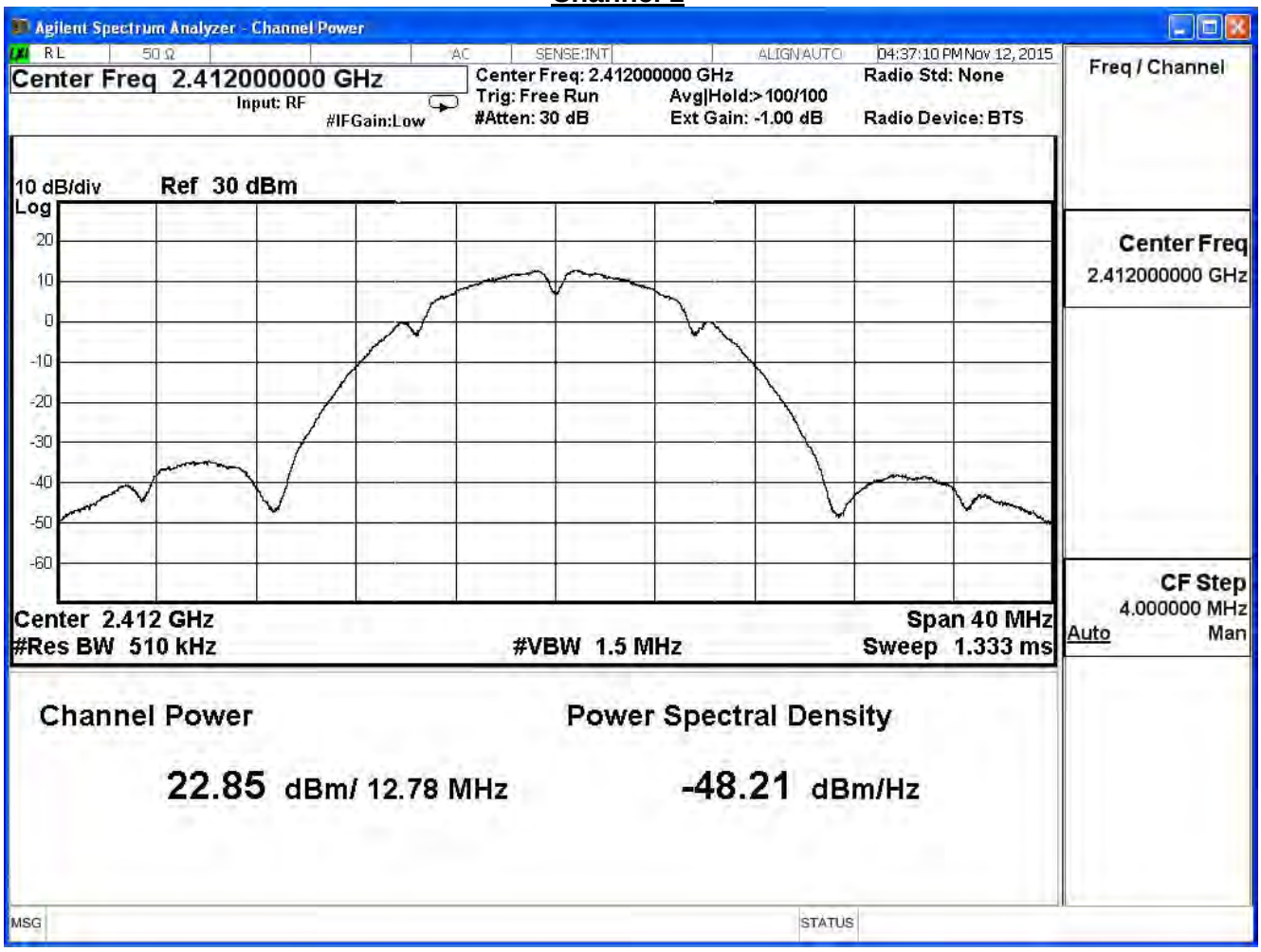
IEEE 802.11b (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	22.85	≦30
2	2417	22.84	≦30
6	2437	23.71	≦30
10	2457	22.37	≦30
11	2462	22.36	≦30

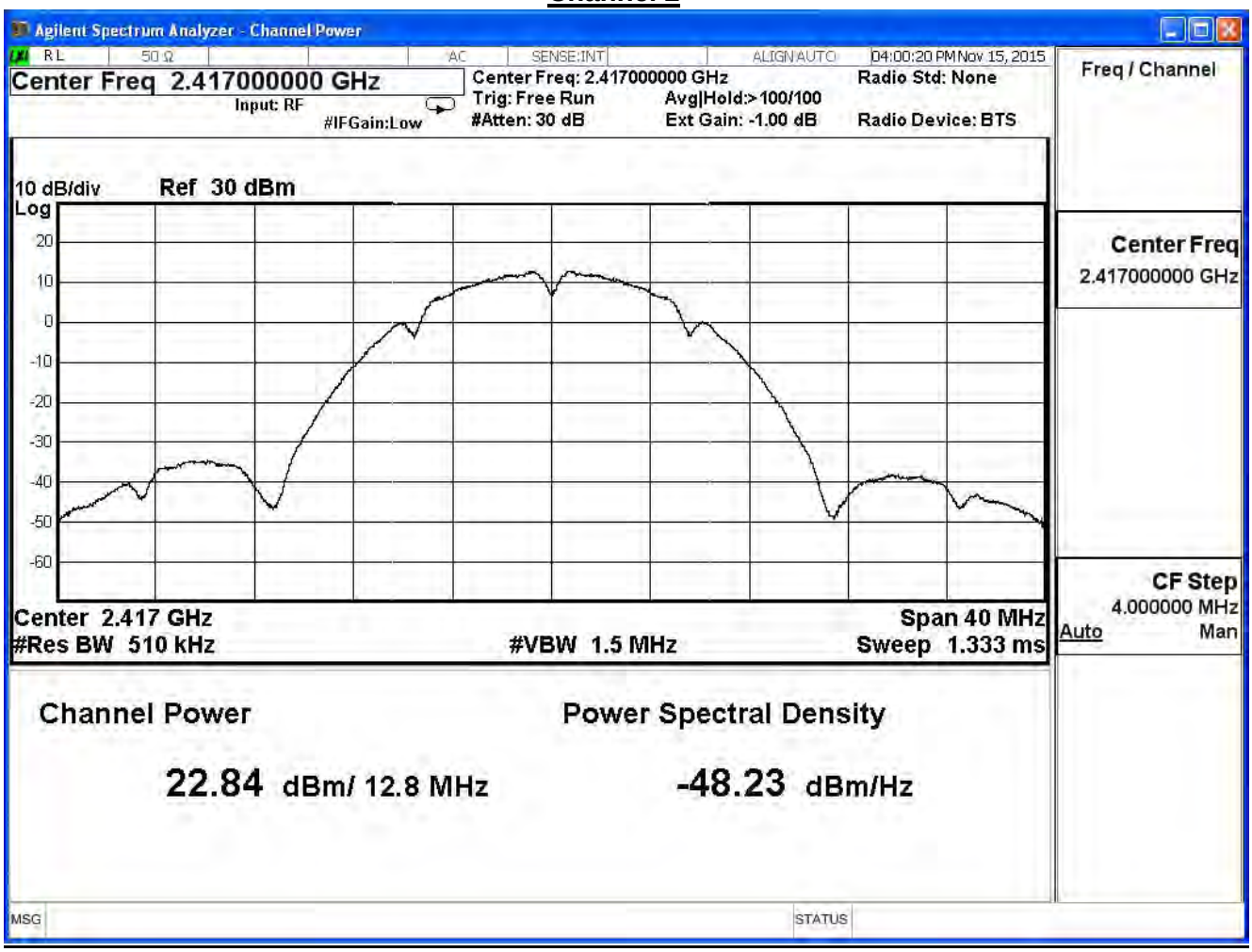
The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit (dBm)
		1	2	5.5	11	
1	2412	22.85	--	--	--	≦30
2	2417	22.84	--	--	--	≦30
6	2437	23.71	23.68	23.66	23.62	≦30
10	2457	22.37	--	--	--	≦30
11	2462	22.36	--	--	--	≦30

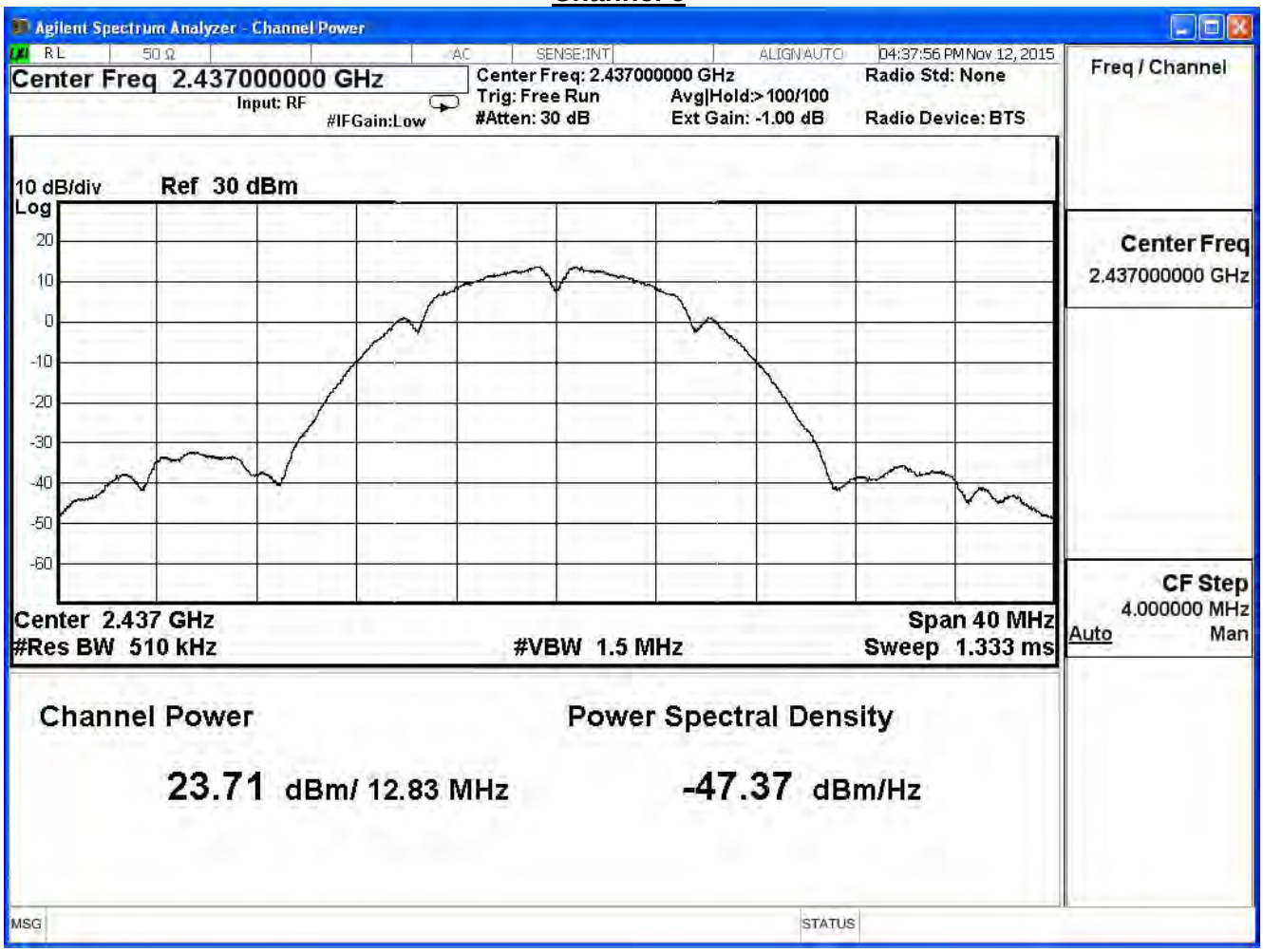
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:37:10 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.85 dBm/ 12.78 MHz
Power Spectral Density
-48.21 dBm/Hz
MSG
STATUS

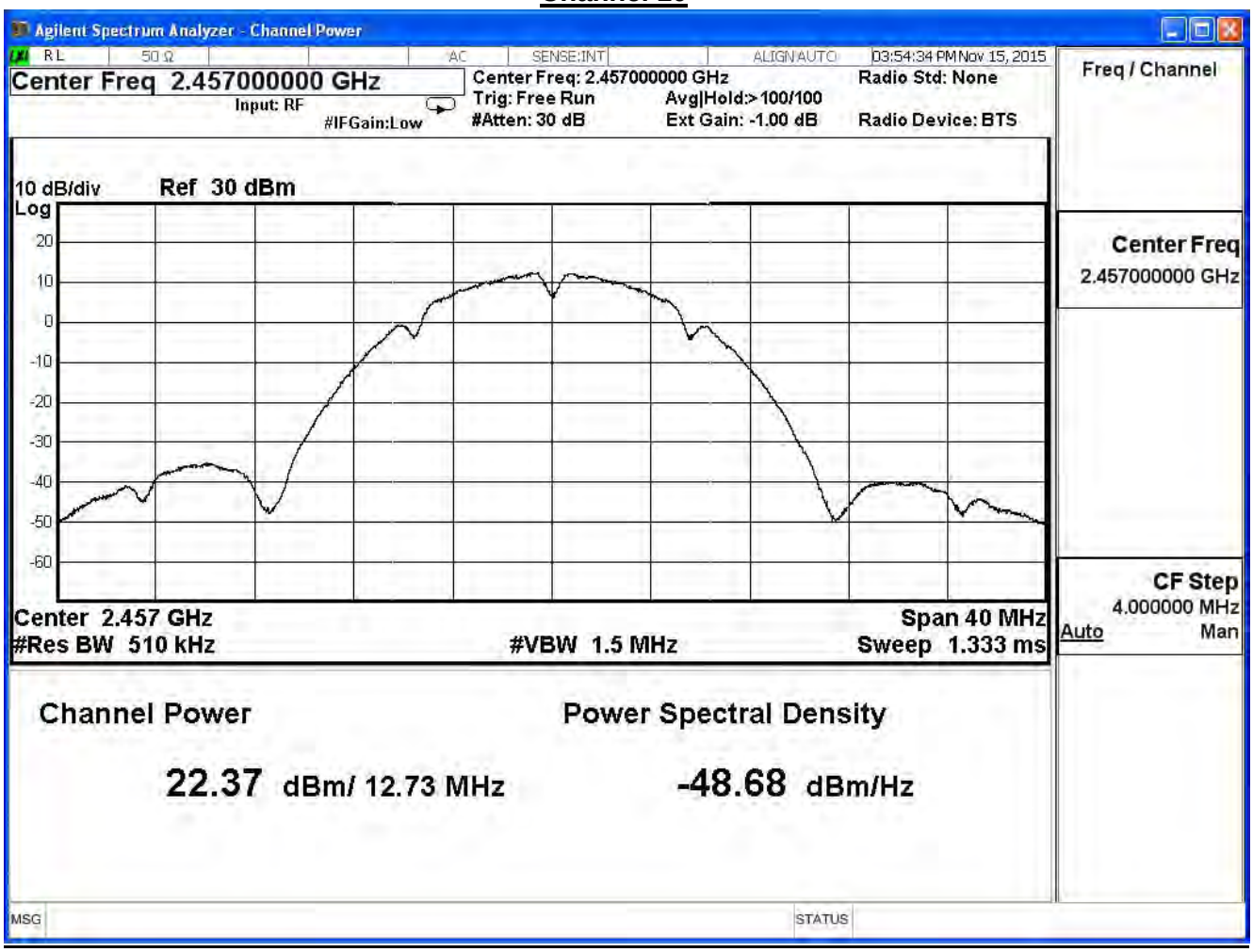
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:00:20 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.84 dBm/ 12.8 MHz
Power Spectral Density
-48.23 dBm/Hz
MSG
STATUS

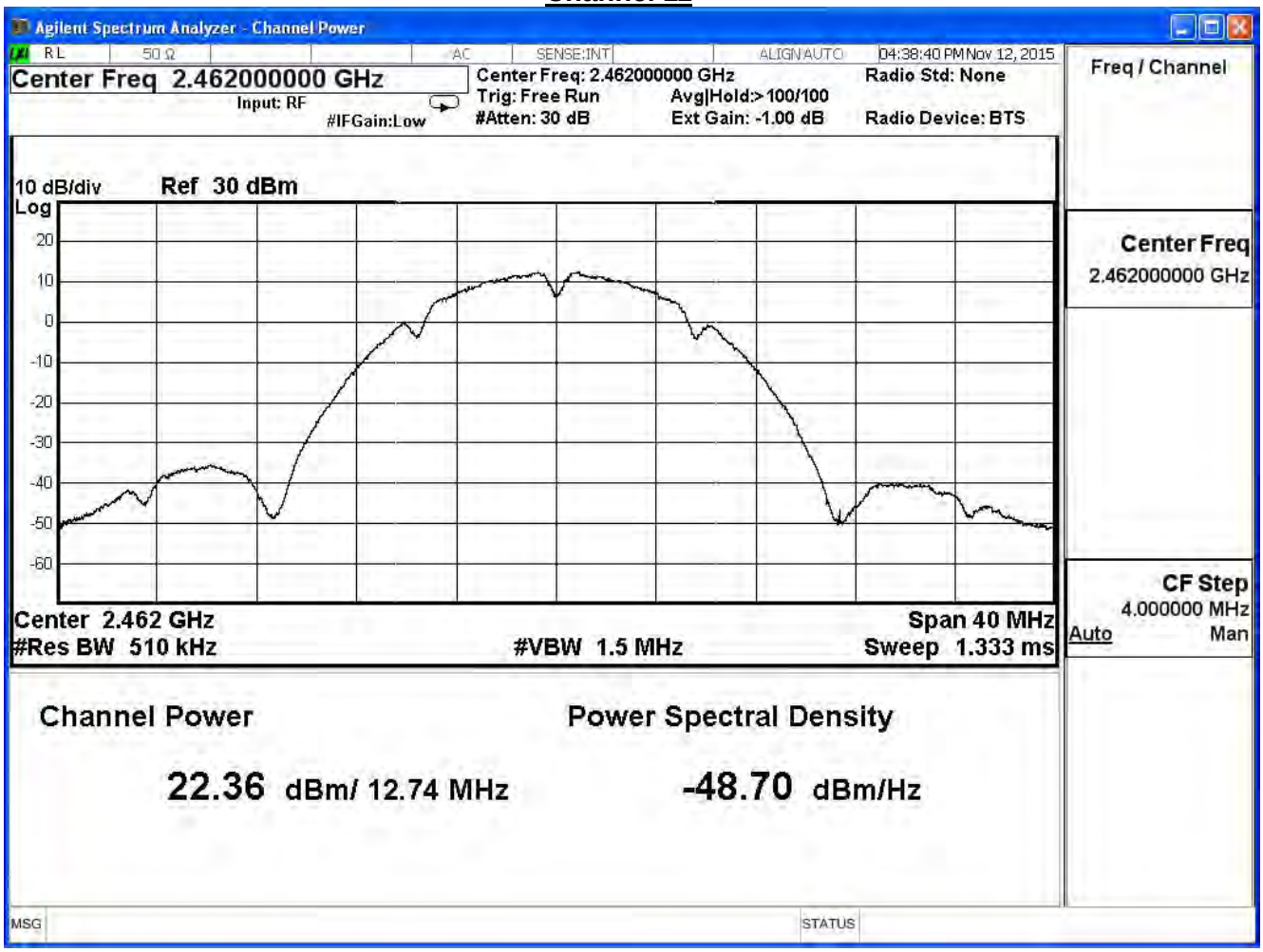
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:37:56 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.71 dBm/ 12.83 MHz
Power Spectral Density
-47.37 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:54:34 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.37 dBm/ 12.73 MHz
Power Spectral Density
-48.68 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:38:40 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.36 dBm/ 12.74 MHz
Power Spectral Density
-48.70 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

IEEE 802.11b (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	29.01	≦30
2	2417	29.02	≦30
6	2437	29.76	≦30
10	2457	28.50	≦30
11	2462	28.22	≦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	29.01	--	--	--	≦30
2	2417	29.02	--	--	--	≦30
6	2437	29.76	29.72	29.69	29.65	≦30
10	2457	28.50	--	--	--	≦30
11	2462	28.22	--	--	--	≦30

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

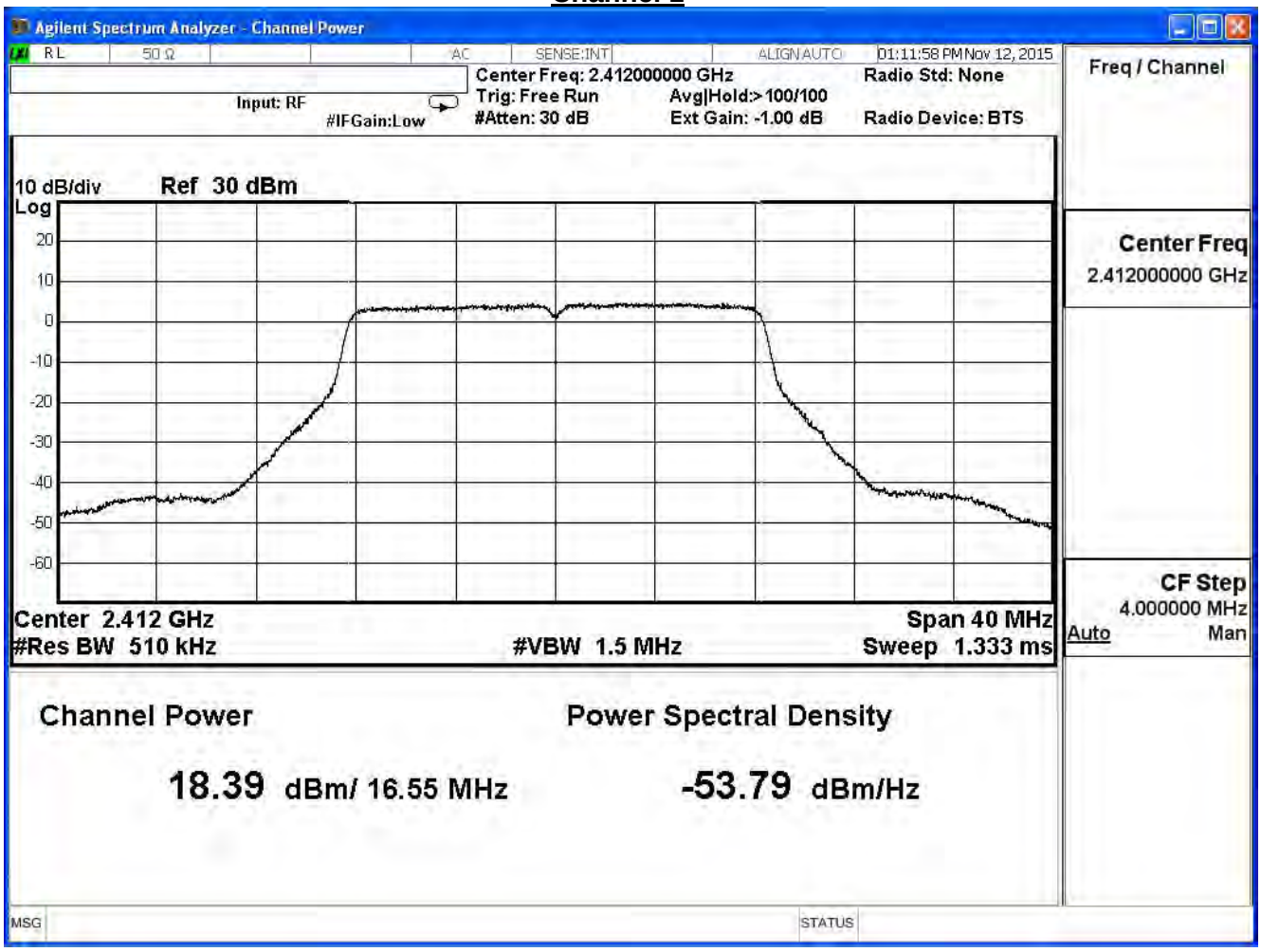
IEEE 802.11g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.39	≦30
2	2417	20.15	≦30
6	2437	22.90	≦30
10	2457	19.86	≦30
11	2462	18.19	≦30

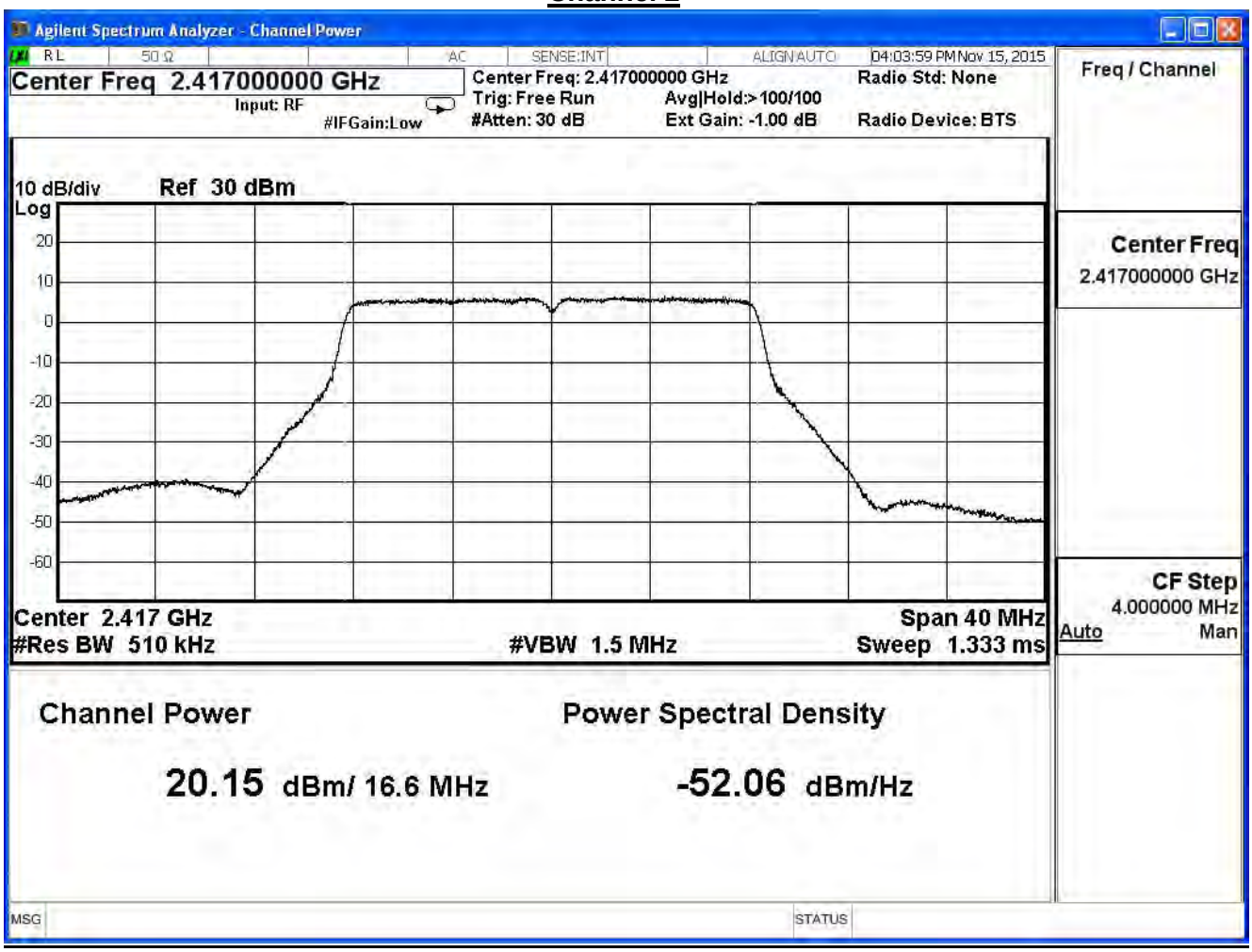
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	18.39	--	--	--	--	--	--	≦30
2	2417	20.15	--	--	--	--	--	--	≦30
6	2437	22.90	22.84	22.75	22.72	22.69	22.64	22.61	≦30
10	2457	19.86	--	--	--	--	--	--	≦30
11	2462	18.19	--	--	--	--	--	--	≦30

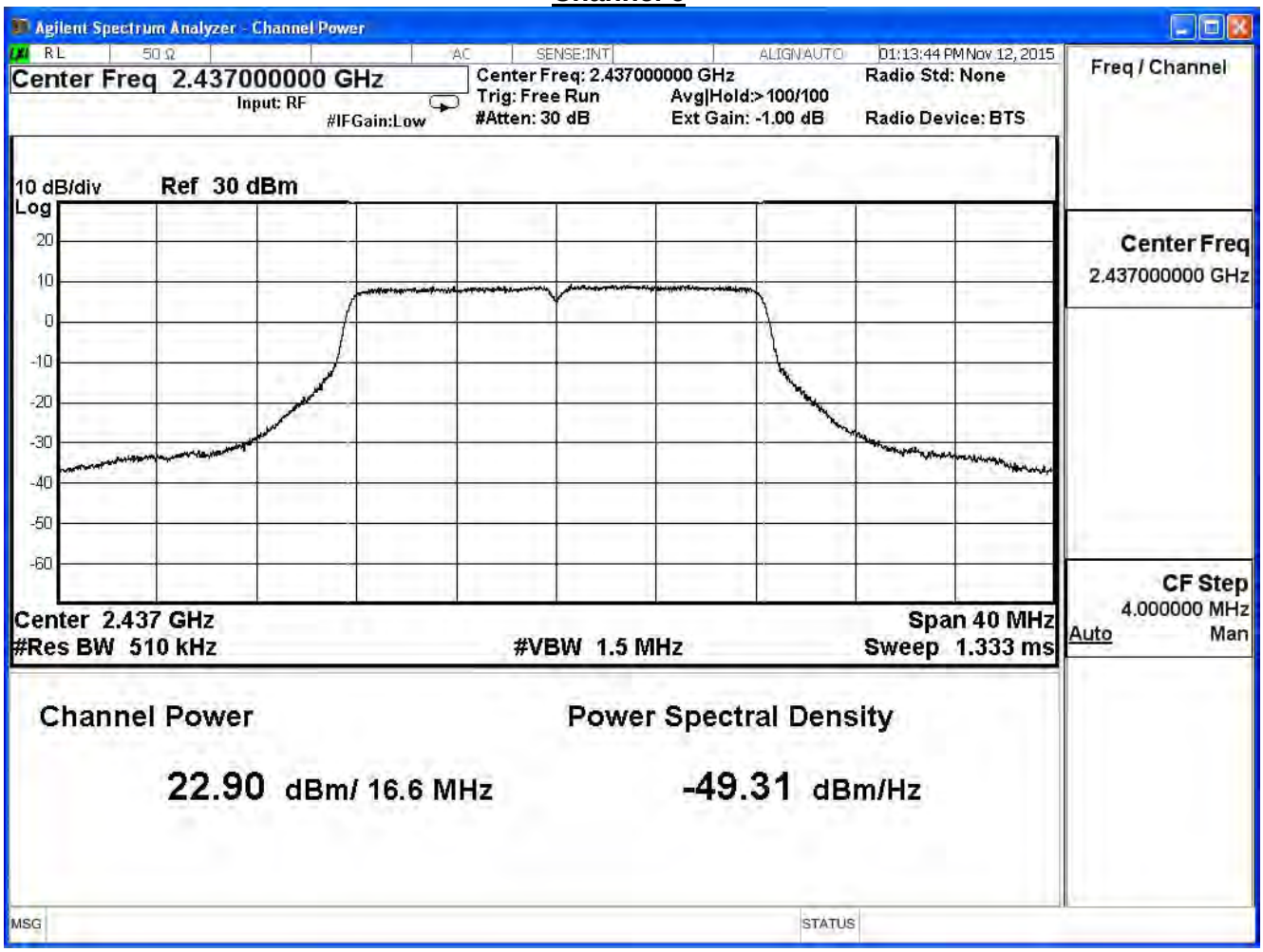
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:11:58 PM Nov 12, 2015
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Input: RF
#IFGain:Low
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
18.39 dBm/ 16.55 MHz
Power Spectral Density
-53.79 dBm/Hz
MSG
STATUS

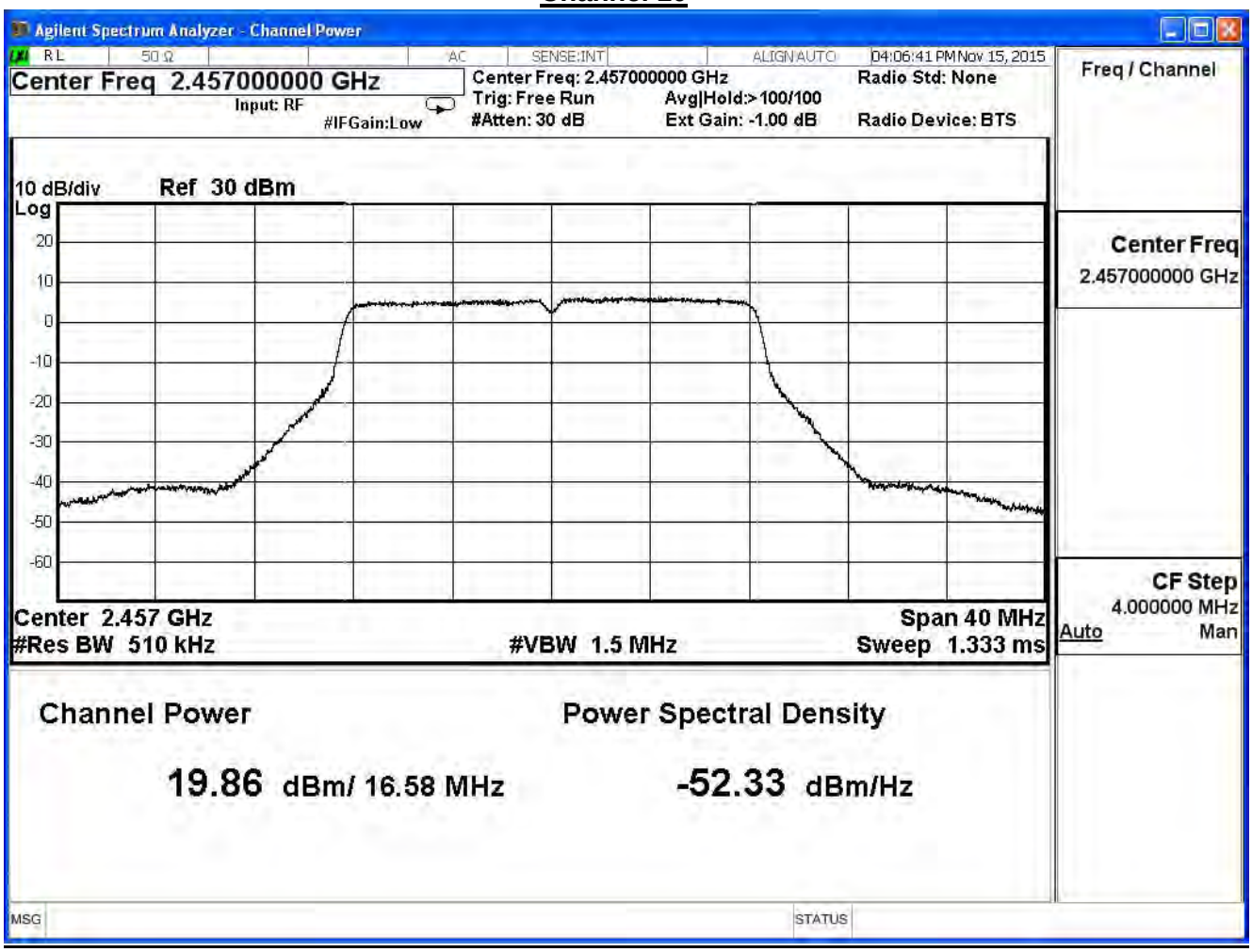
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:03:59 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
20.15 dBm/ 16.6 MHz
Power Spectral Density
-52.06 dBm/Hz
MSG
STATUS

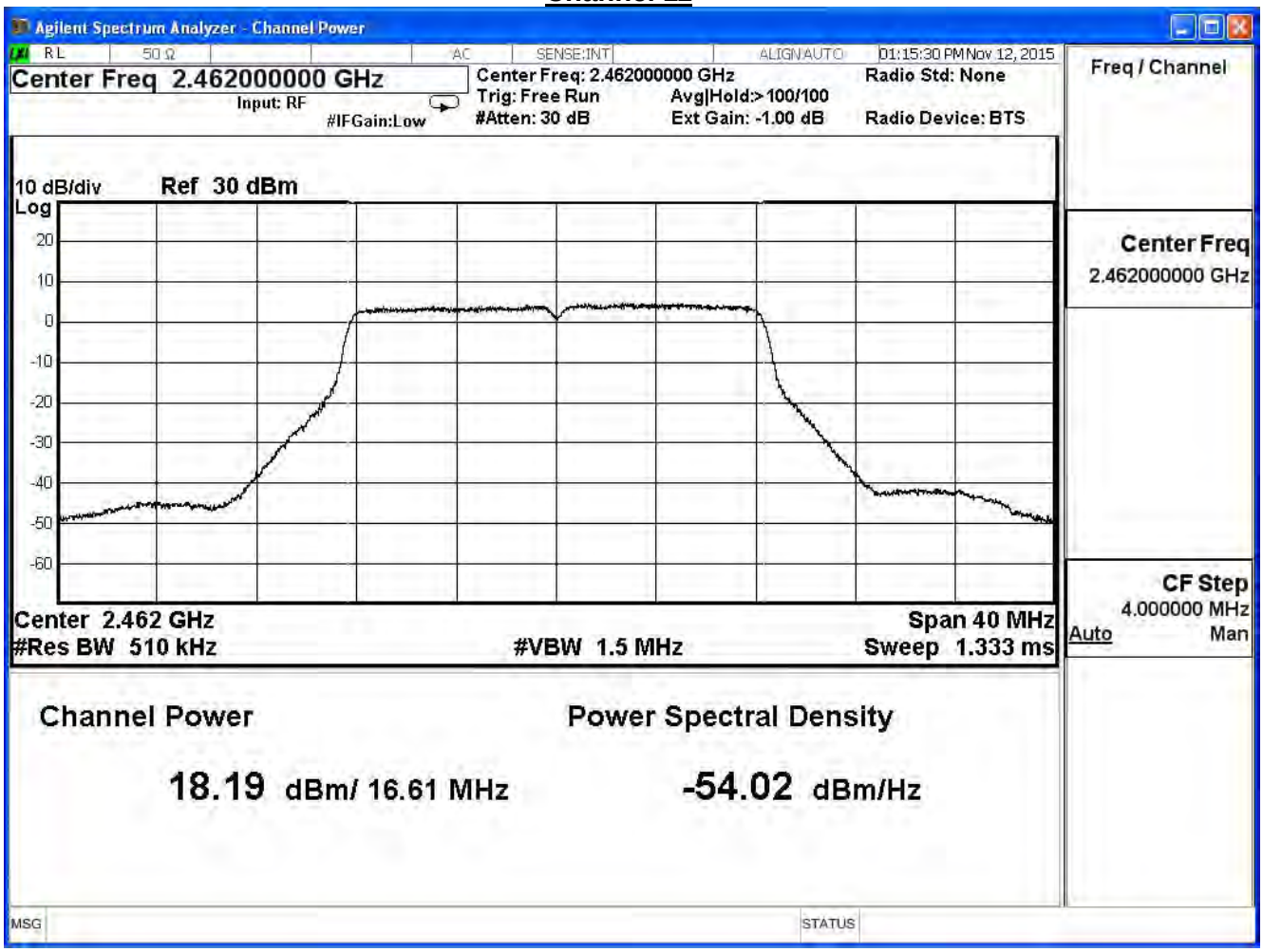
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:13:44 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.90 dBm/ 16.6 MHz
Power Spectral Density
-49.31 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:06:41 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.86 dBm/ 16.58 MHz
Power Spectral Density
-52.33 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:15:30 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.19 dBm/ 16.61 MHz
Power Spectral Density
-54.02 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

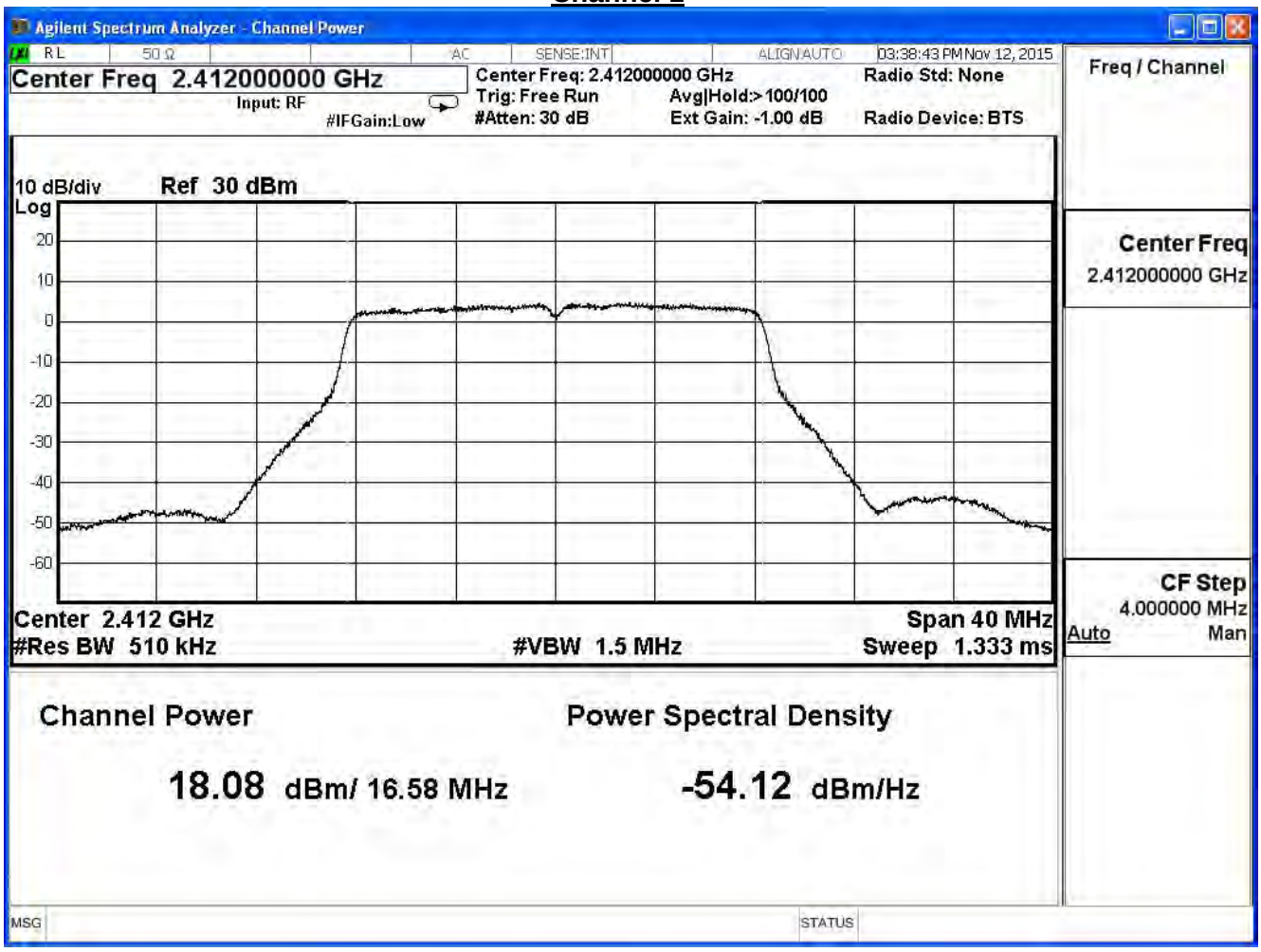
IEEE 802.11g (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.08	≦30
2	2417	19.97	≦30
6	2437	23.02	≦30
10	2457	20.33	≦30
11	2462	18.18	≦30

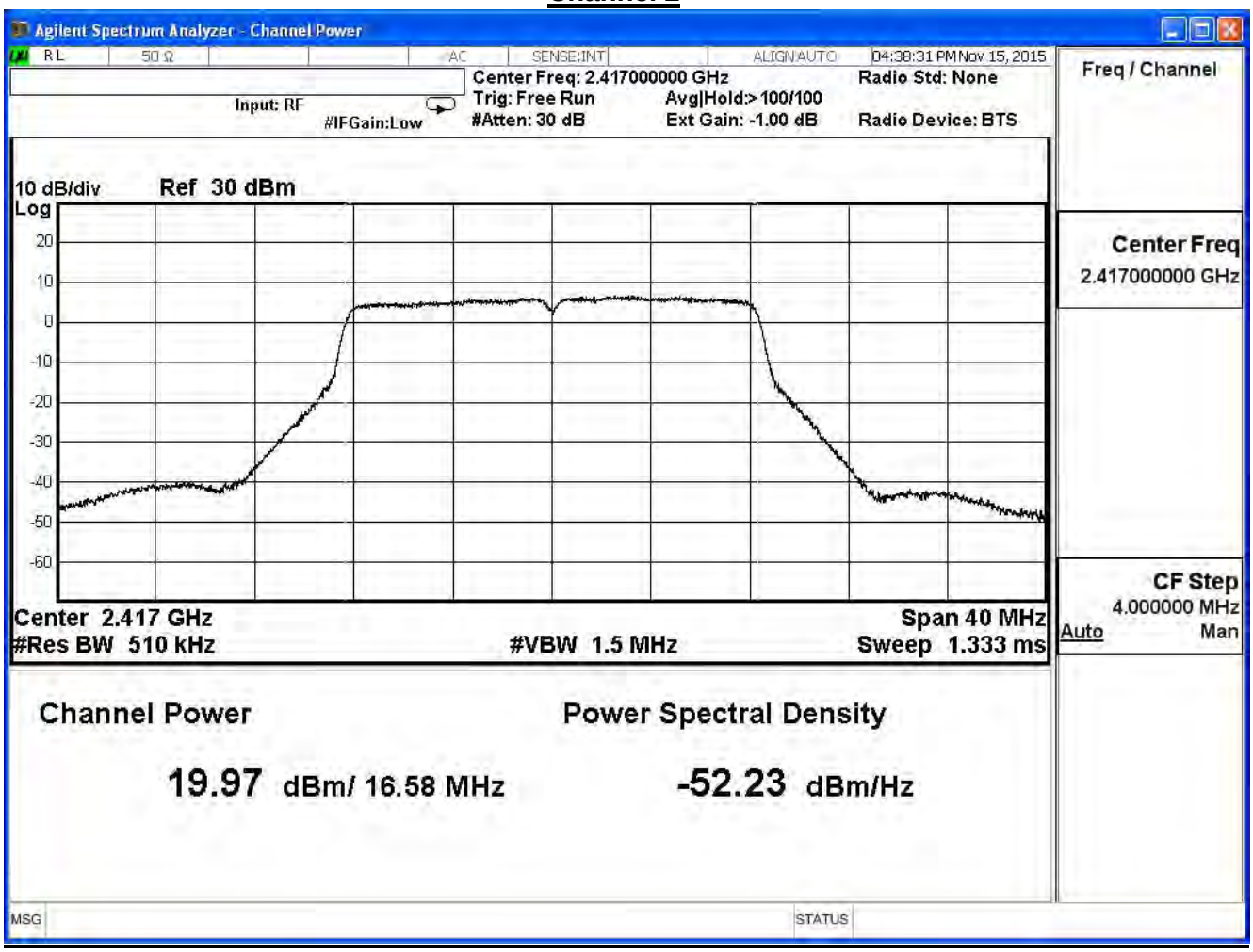
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	18.08	--	--	--	--	--	--	≦30
2	2417	19.97	--	--	--	--	--	--	≦30
6	2437	23.02	22.91	22.84	22.79	22.74	22.71	22.68	≦30
10	2457	20.33	--	--	--	--	--	--	≦30
11	2462	18.18	--	--	--	--	--	--	≦30

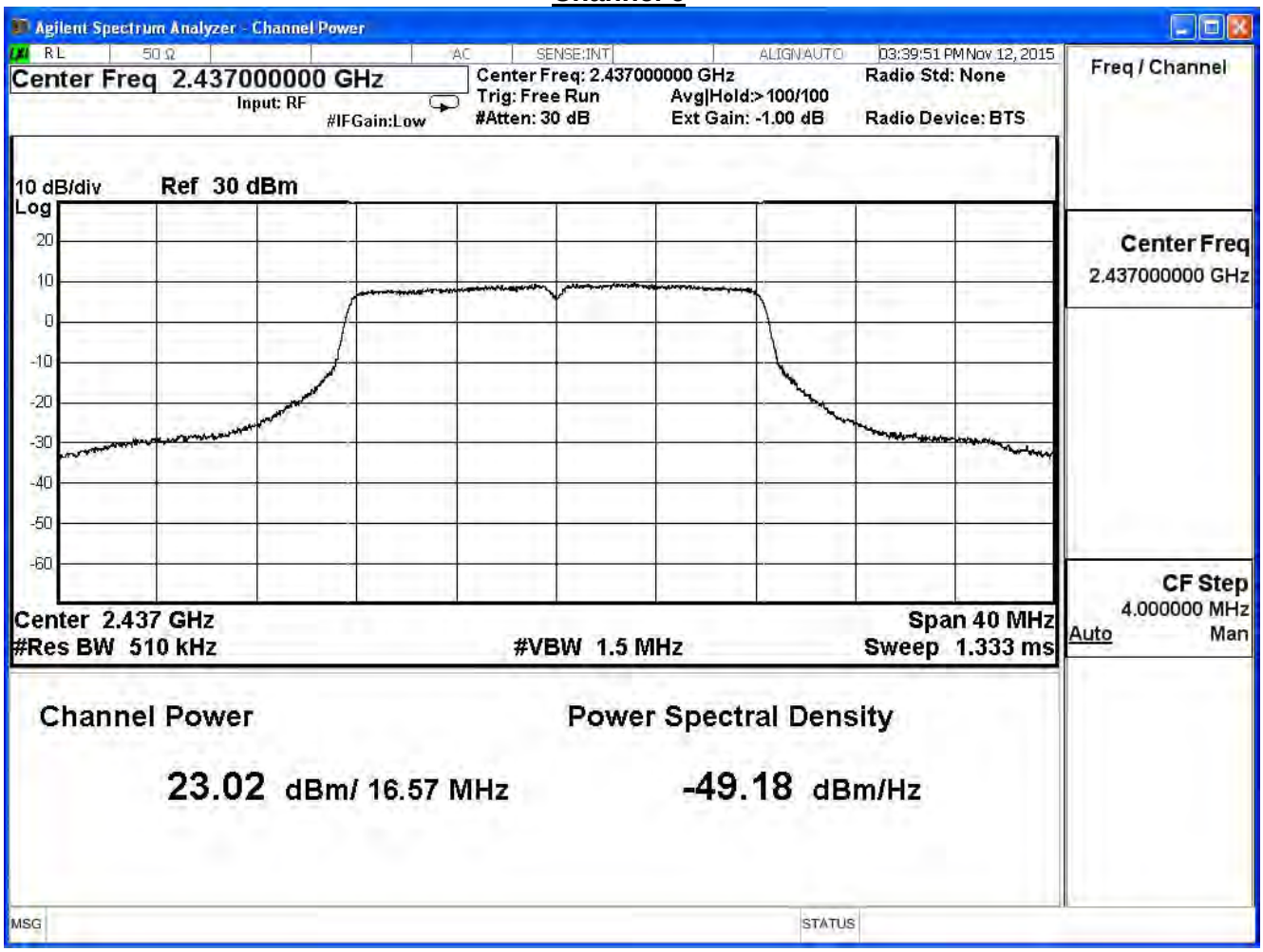
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:38:43 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.08 dBm/ 16.58 MHz
Power Spectral Density
-54.12 dBm/Hz
MSG
STATUS

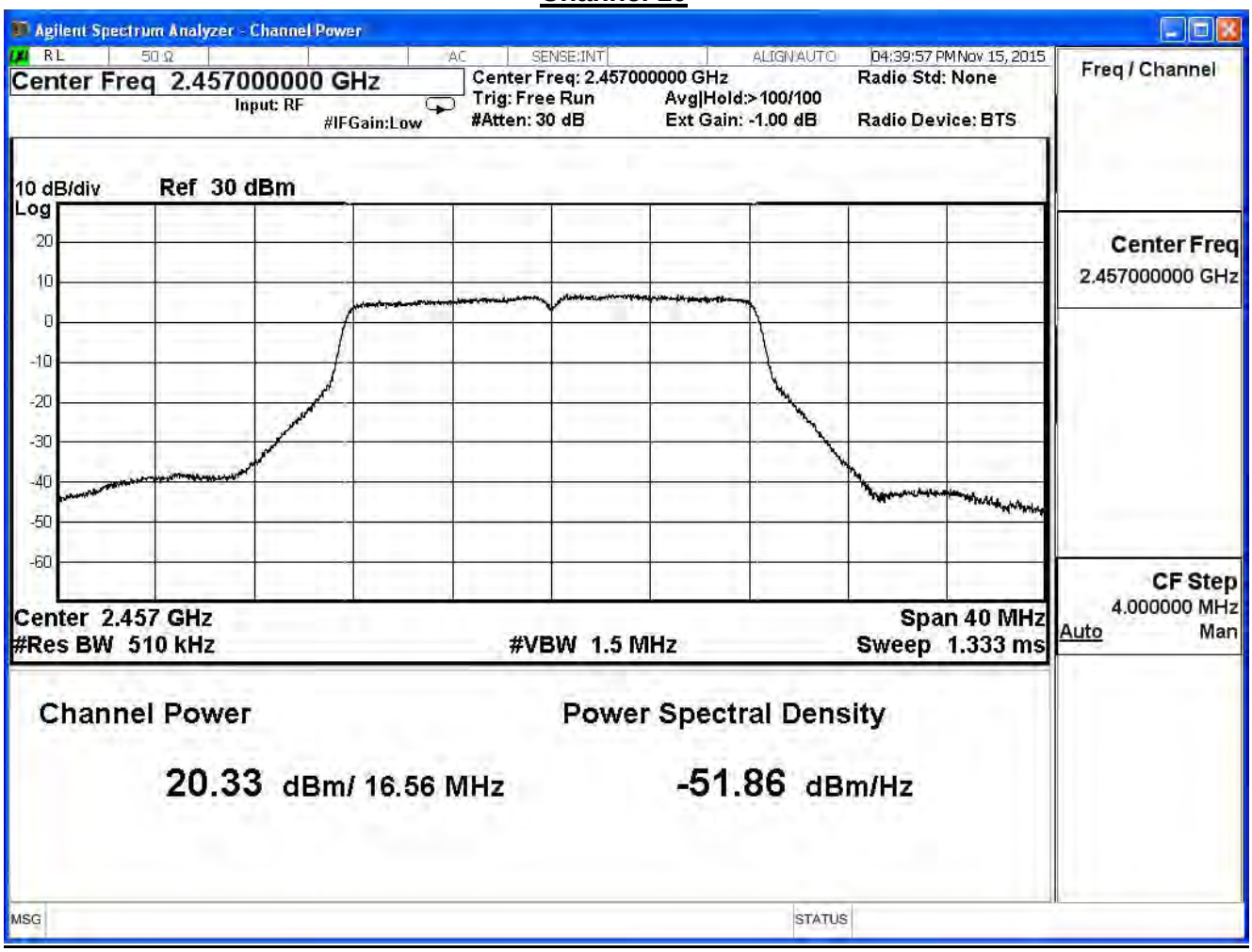
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:38:31 PM Nov 15, 2015
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Input: RF
#IFGain:Low
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
19.97 dBm/ 16.58 MHz
Power Spectral Density
-52.23 dBm/Hz
MSG
STATUS

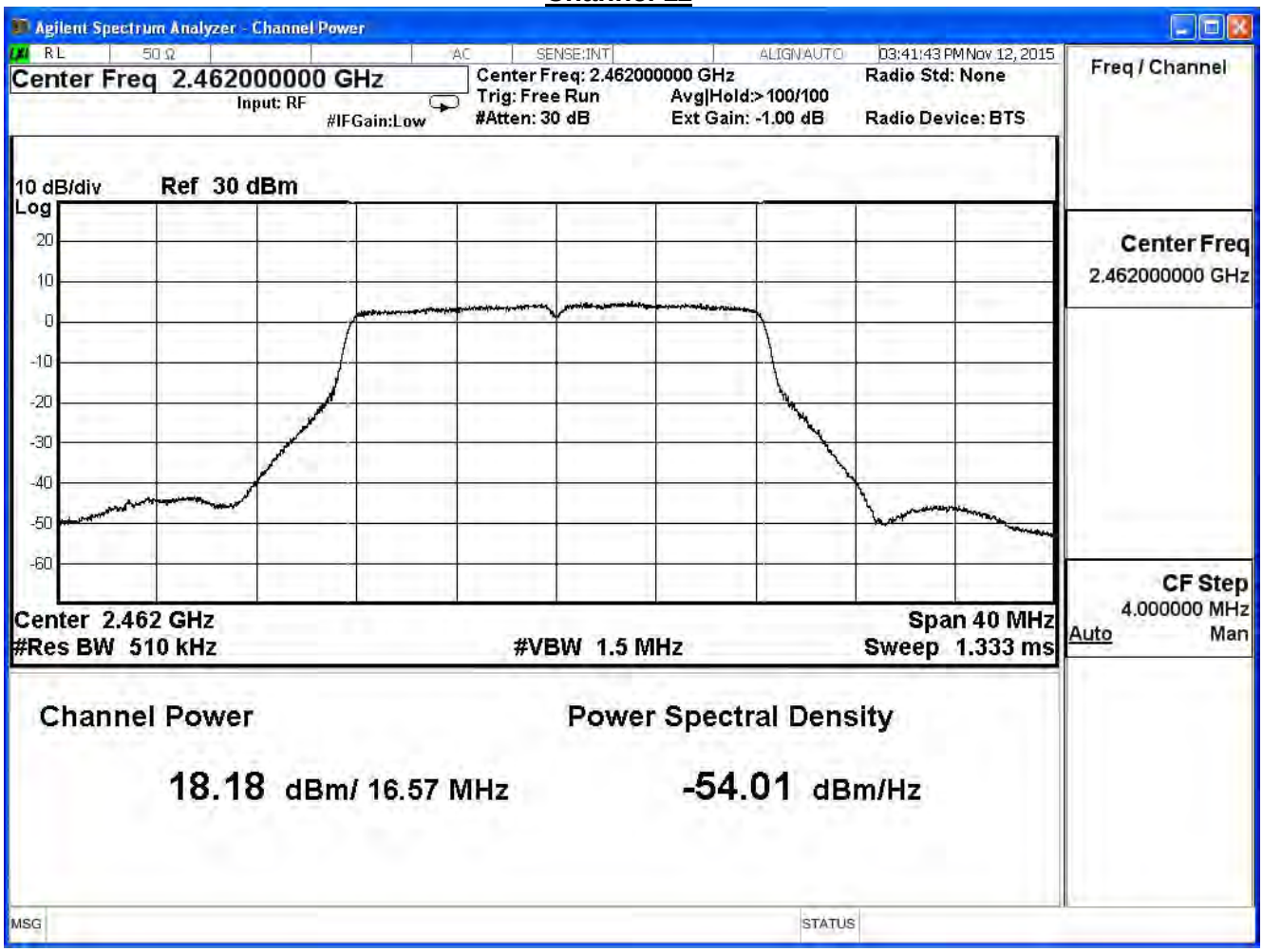
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:39:51 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.02 dBm/ 16.57 MHz
Power Spectral Density
-49.18 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:39:57 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
20.33 dBm/ 16.56 MHz
Power Spectral Density
-51.86 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:41:43 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.18 dBm/ 16.57 MHz
Power Spectral Density
-54.01 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

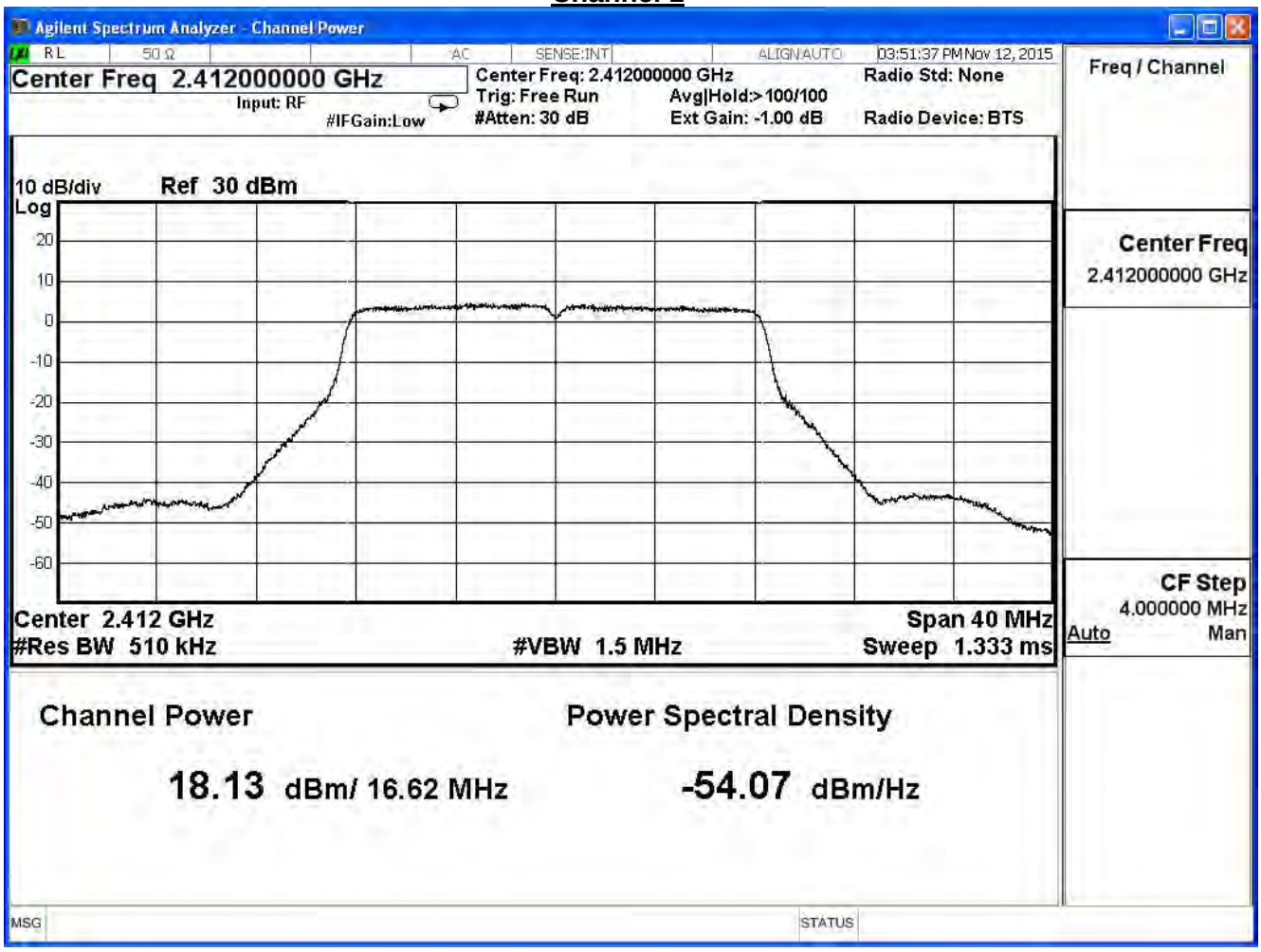
IEEE 802.11g (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.13	≦30
2	2417	19.76	≦30
6	2437	23.19	≦30
10	2457	19.53	≦30
11	2462	18.18	≦30

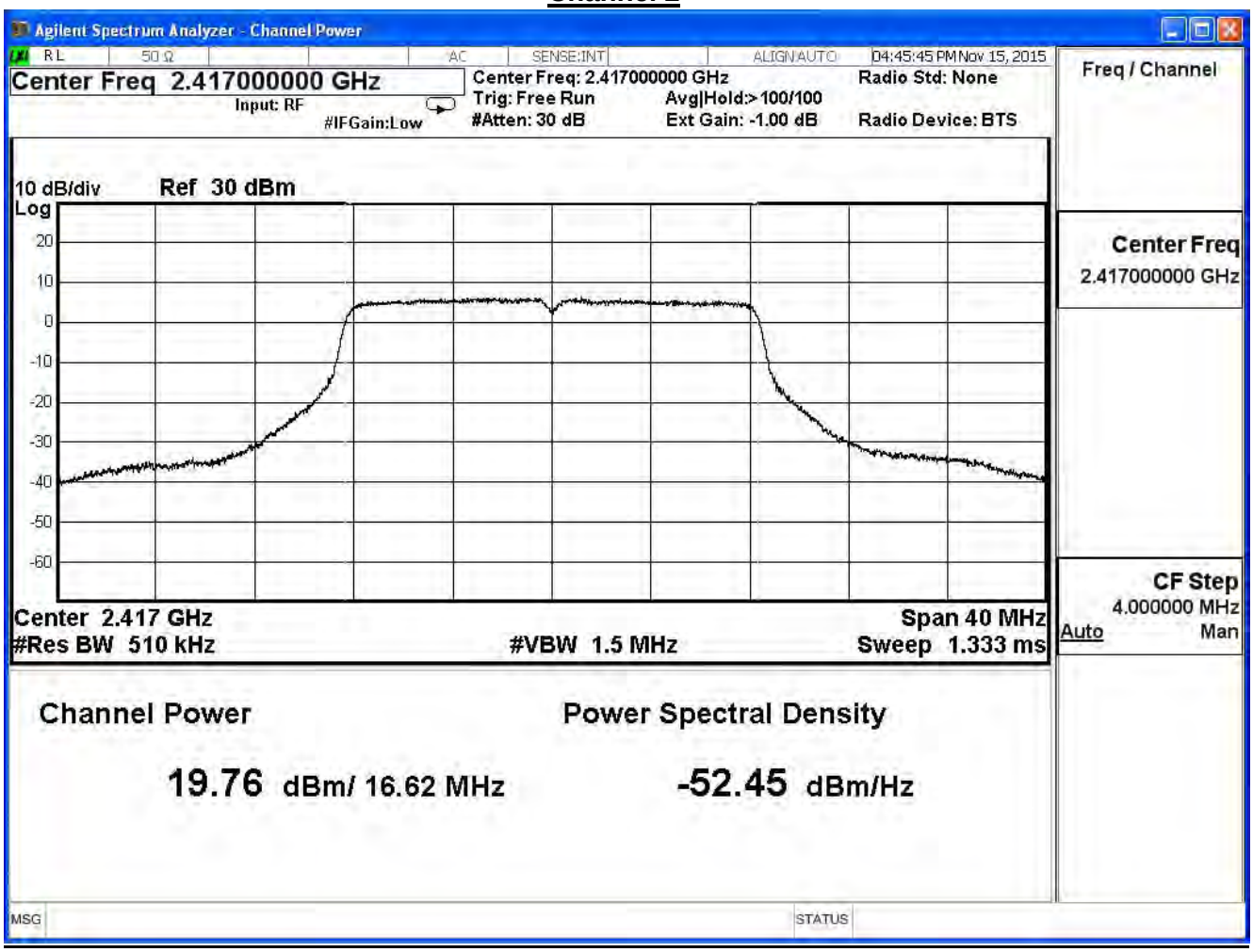
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	18.13	--	--	--	--	--	--	≦30
2	2417	19.76	--	--	--	--	--	--	≦30
6	2437	23.19	22.99	22.87	22.84	22.81	22.75	22.71	≦30
10	2457	19.53	--	--	--	--	--	--	≦30
11	2462	18.18	--	--	--	--	--	--	≦30

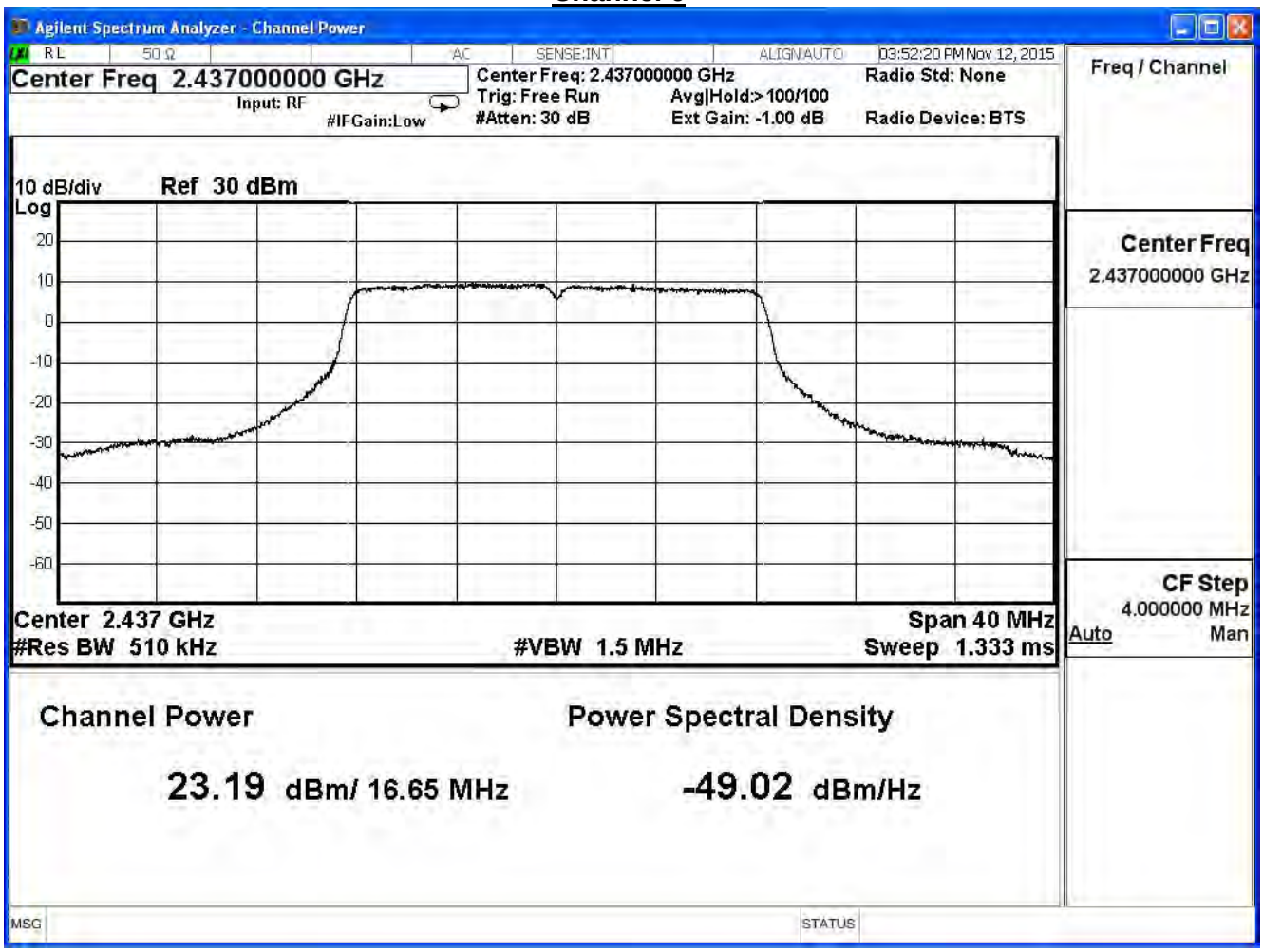
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:51:37 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
18.13 dBm/ 16.62 MHz
Power Spectral Density
-54.07 dBm/Hz
MSG
STATUS

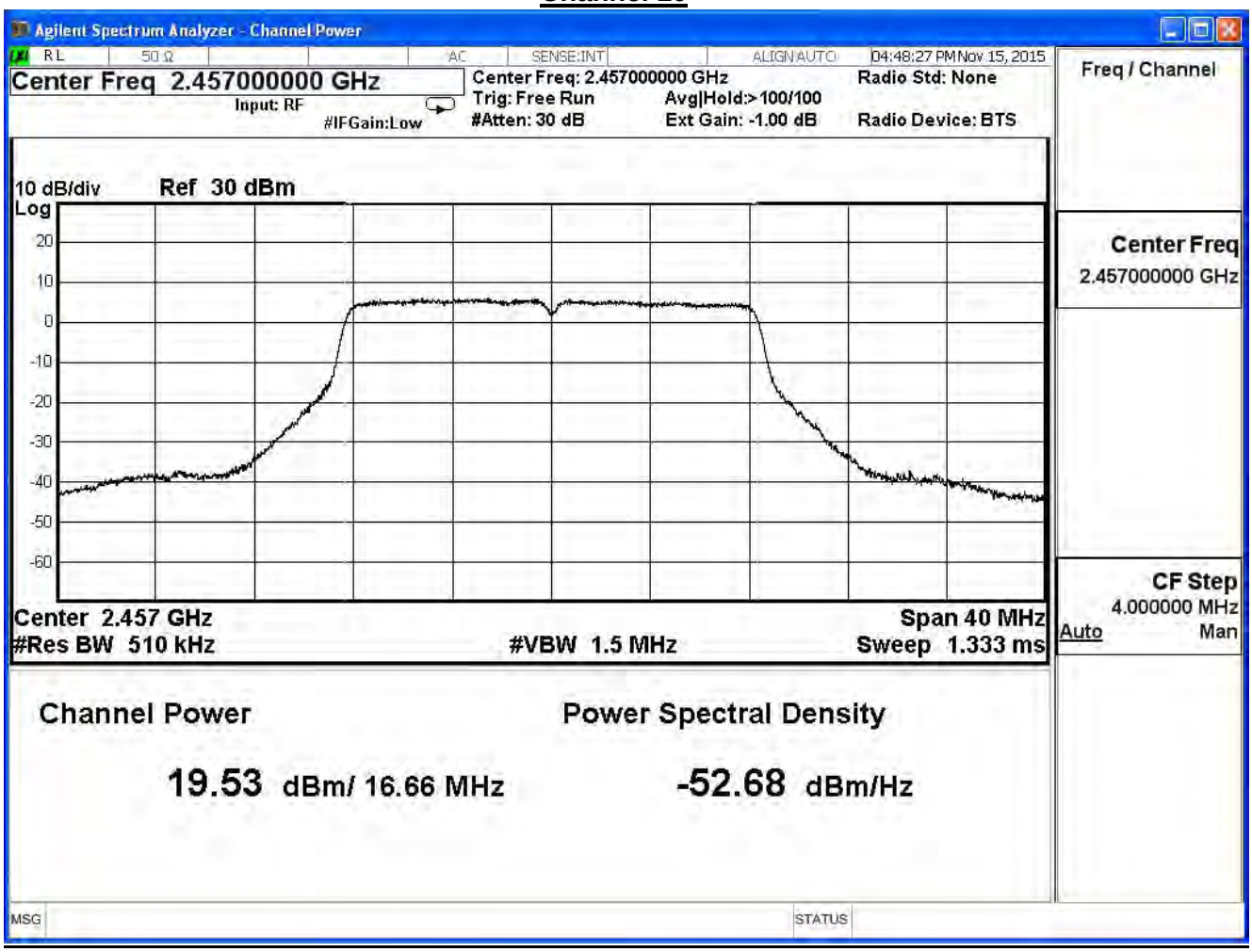
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:45:45 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.76 dBm/ 16.62 MHz
Power Spectral Density
-52.45 dBm/Hz
MSG
STATUS

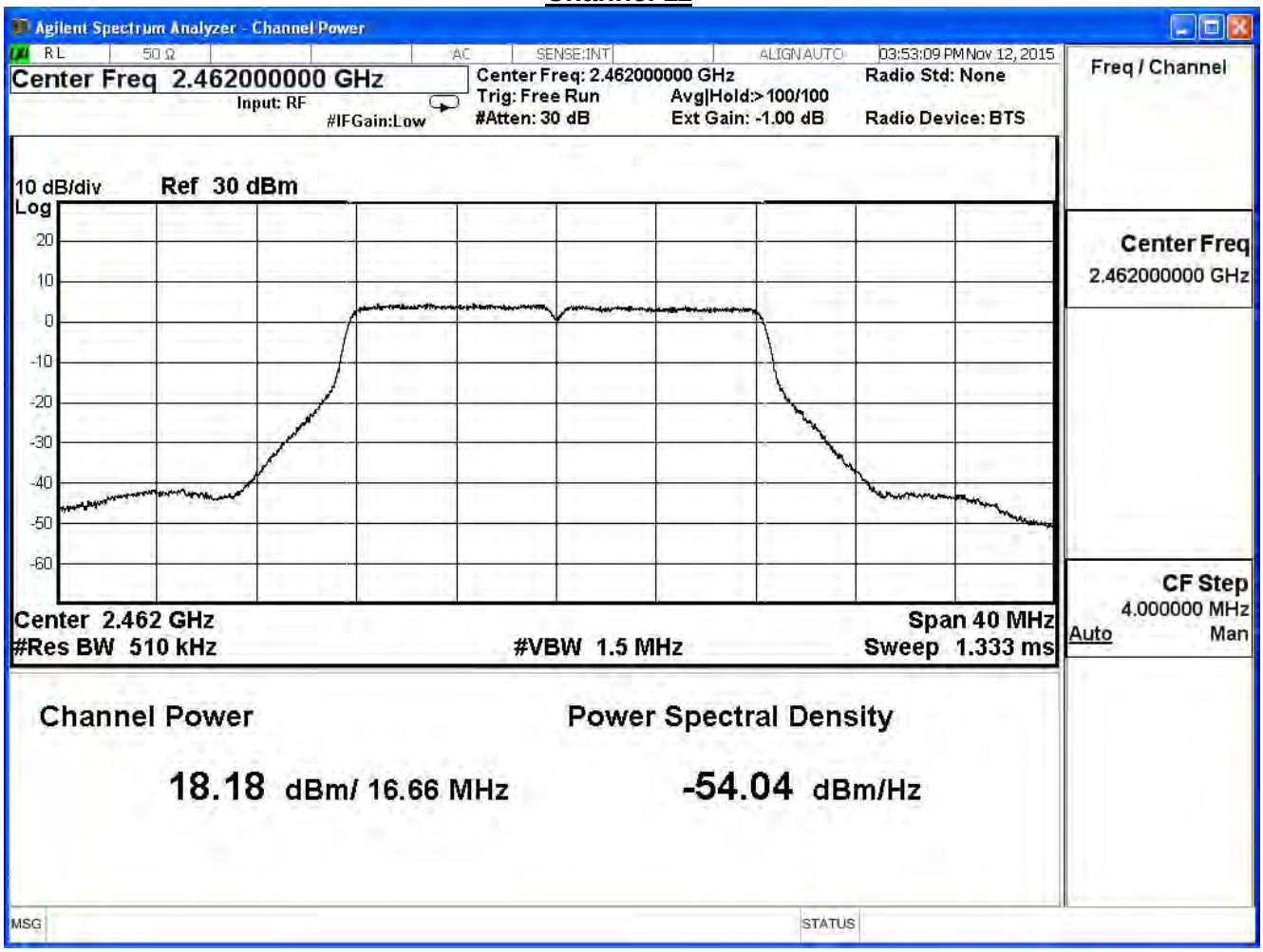
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:52:20 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.19 dBm/ 16.65 MHz
Power Spectral Density
-49.02 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:48:27 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.53 dBm/ 16.66 MHz
Power Spectral Density
-52.68 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:53:09 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.18 dBm/ 16.66 MHz
Power Spectral Density
-54.04 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

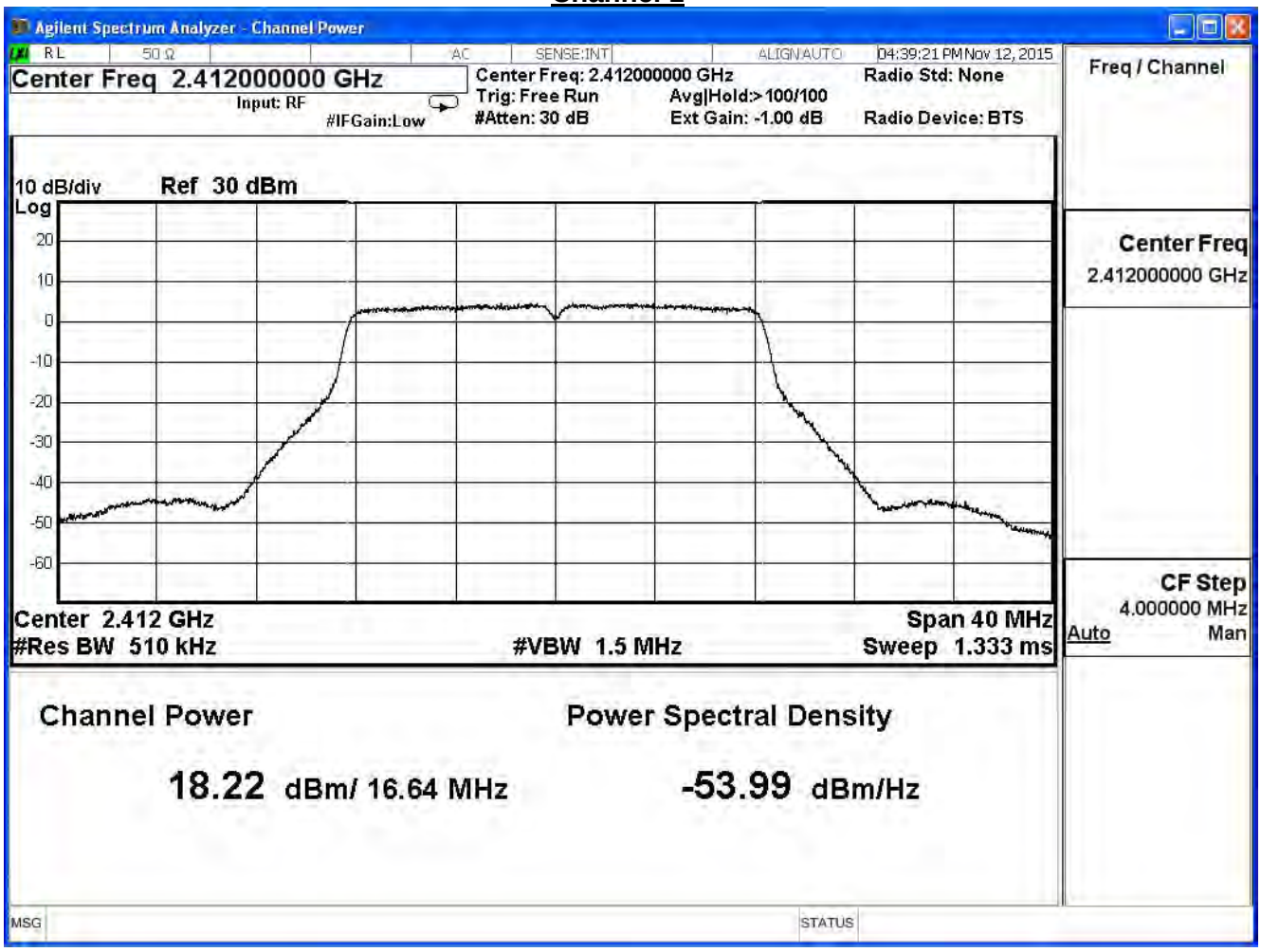
IEEE 802.11g (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.22	≦30
2	2417	19.69	≦30
6	2437	23.16	≦30
10	2457	19.62	≦30
11	2462	18.07	≦30

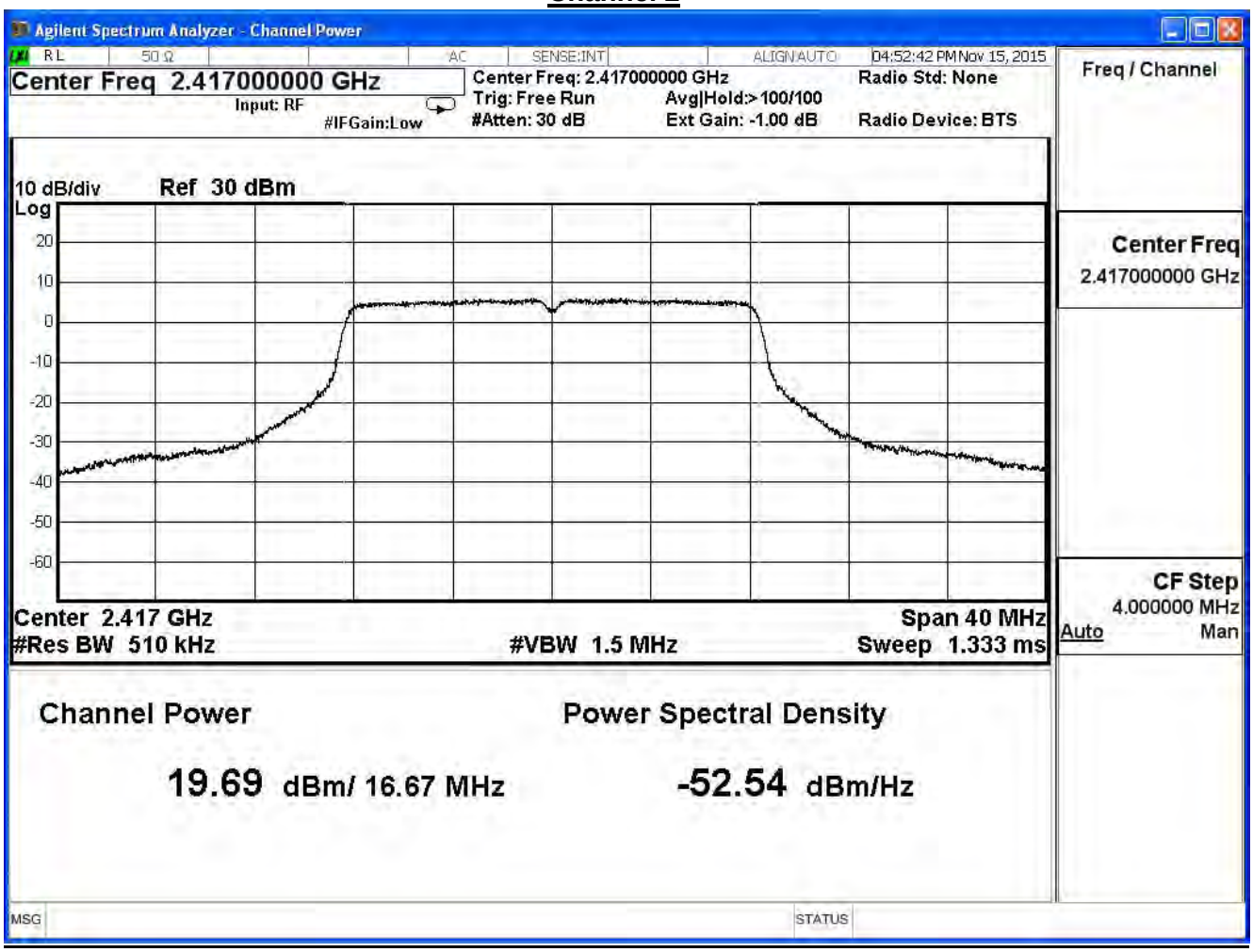
The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit (dBm)
		6	12	18	24	36	48	54	
1	2412	18.22	--	--	--	--	--	--	≦30
2	2417	19.69	--	--	--	--	--	--	≦30
6	2437	23.16	23.11	23.08	23.04	23.01	22.97	22.91	≦30
10	2457	19.62	--	--	--	--	--	--	≦30
11	2462	18.07	--	--	--	--	--	--	≦30

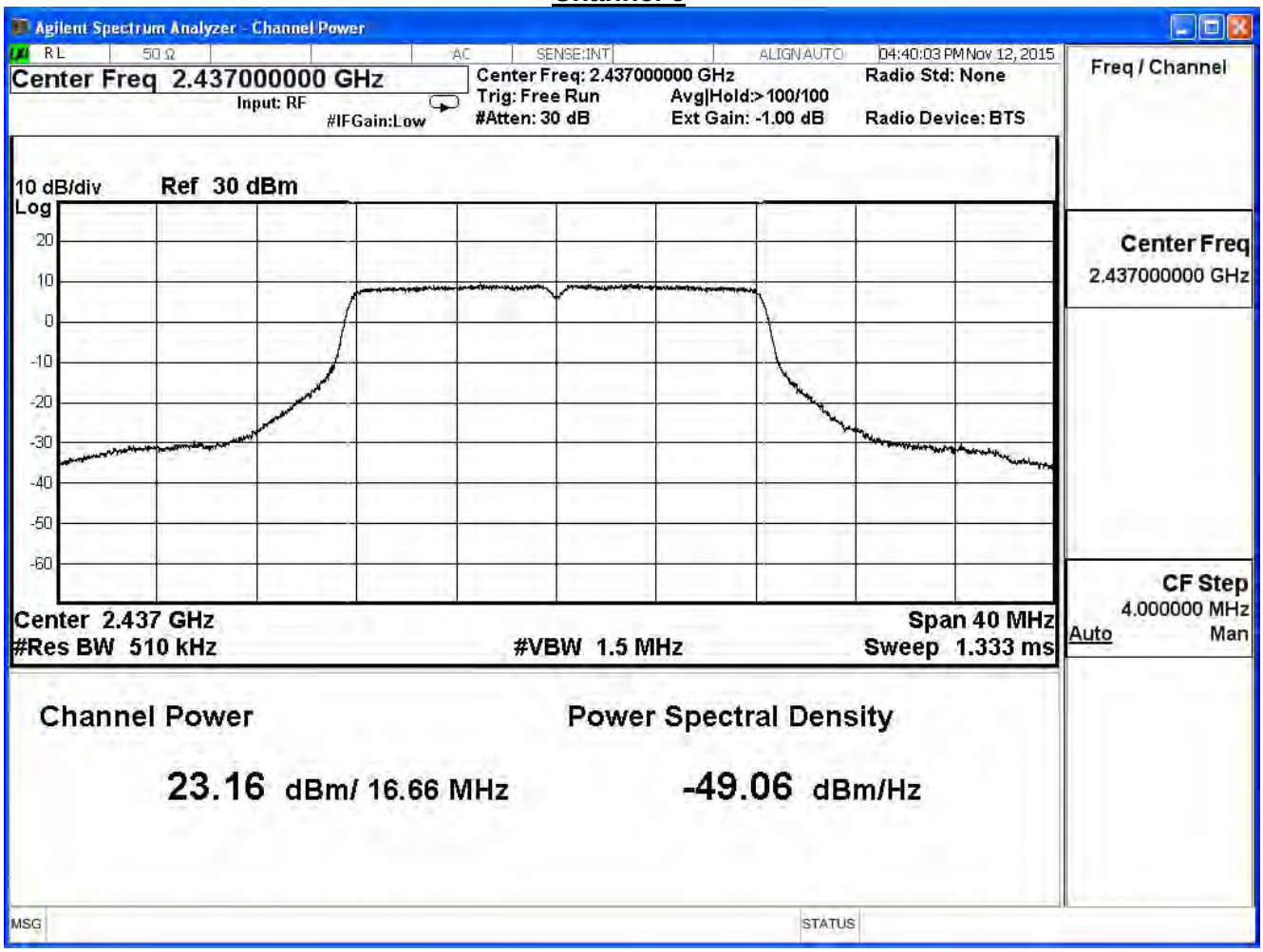
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:39:21 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
18.22 dBm/ 16.64 MHz
Power Spectral Density
-53.99 dBm/Hz
MSG
STATUS

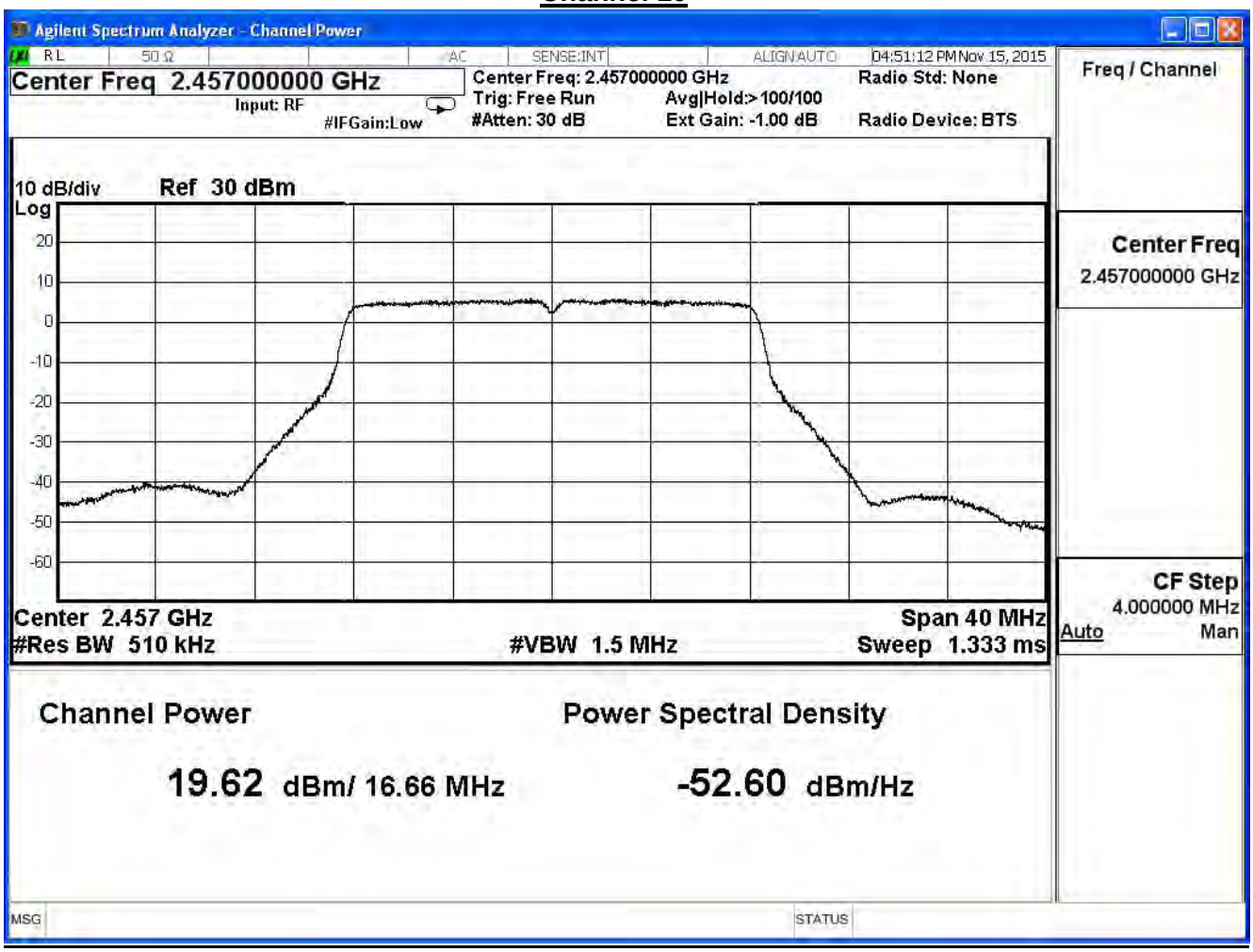
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:52:42 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.69 dBm/ 16.67 MHz
Power Spectral Density
-52.54 dBm/Hz
MSG
STATUS

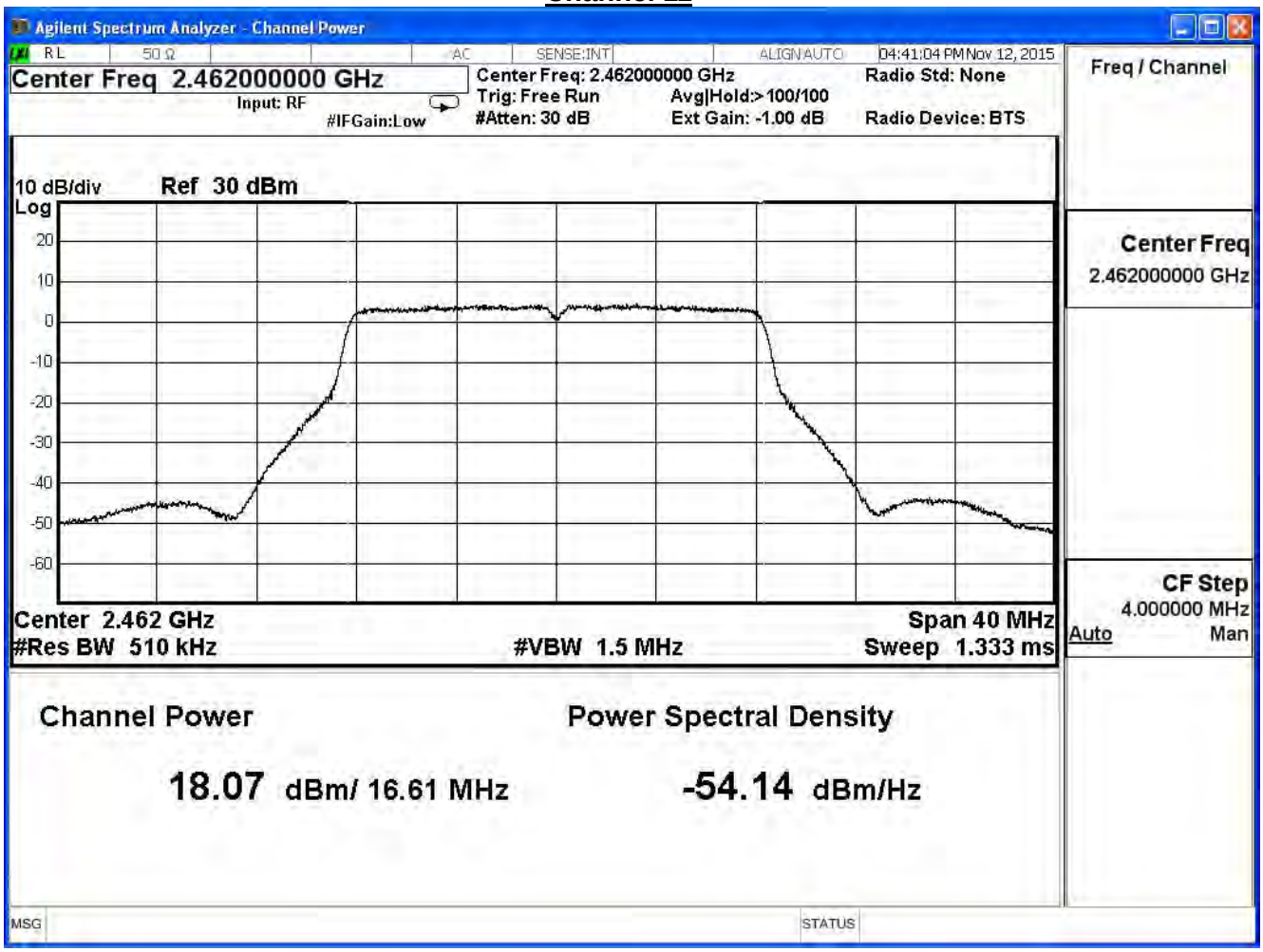
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:40:03 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.16 dBm/ 16.66 MHz
Power Spectral Density
-49.06 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:51:12 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.62 dBm/ 16.66 MHz
Power Spectral Density
-52.60 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:41:04 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.07 dBm/ 16.61 MHz
Power Spectral Density
-54.14 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

IEEE 802.11g (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	24.23	≦30
2	2417	25.92	≦30
6	2437	29.09	≦30
10	2457	25.87	≦30
11	2462	24.18	≦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	24.23	--	--	--	--	--	--	≦30
2	2417	25.92	--	--	--	--	--	--	≦30
6	2437	29.09	28.96	28.91	28.87	28.83	28.79	28.75	≦30
10	2457	25.87	--	--	--	--	--	--	≦30
11	2462	24.18	--	--	--	--	--	--	≦30

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

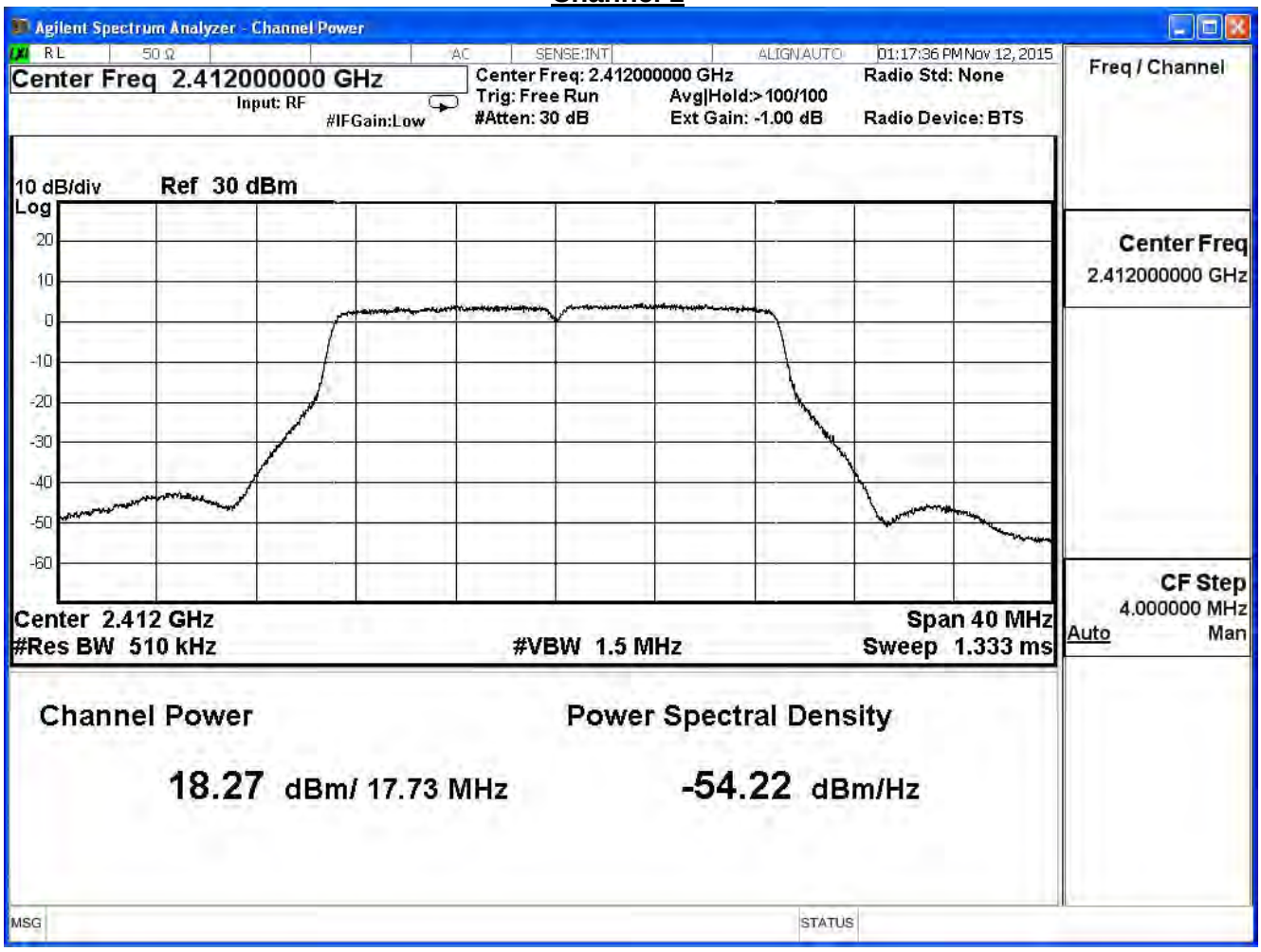
IEEE 802.11n_20M (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.27	≦30
2	2417	19.45	≦30
6	2437	23.01	≦30
10	2457	19.00	≦30
11	2462	18.67	≦30

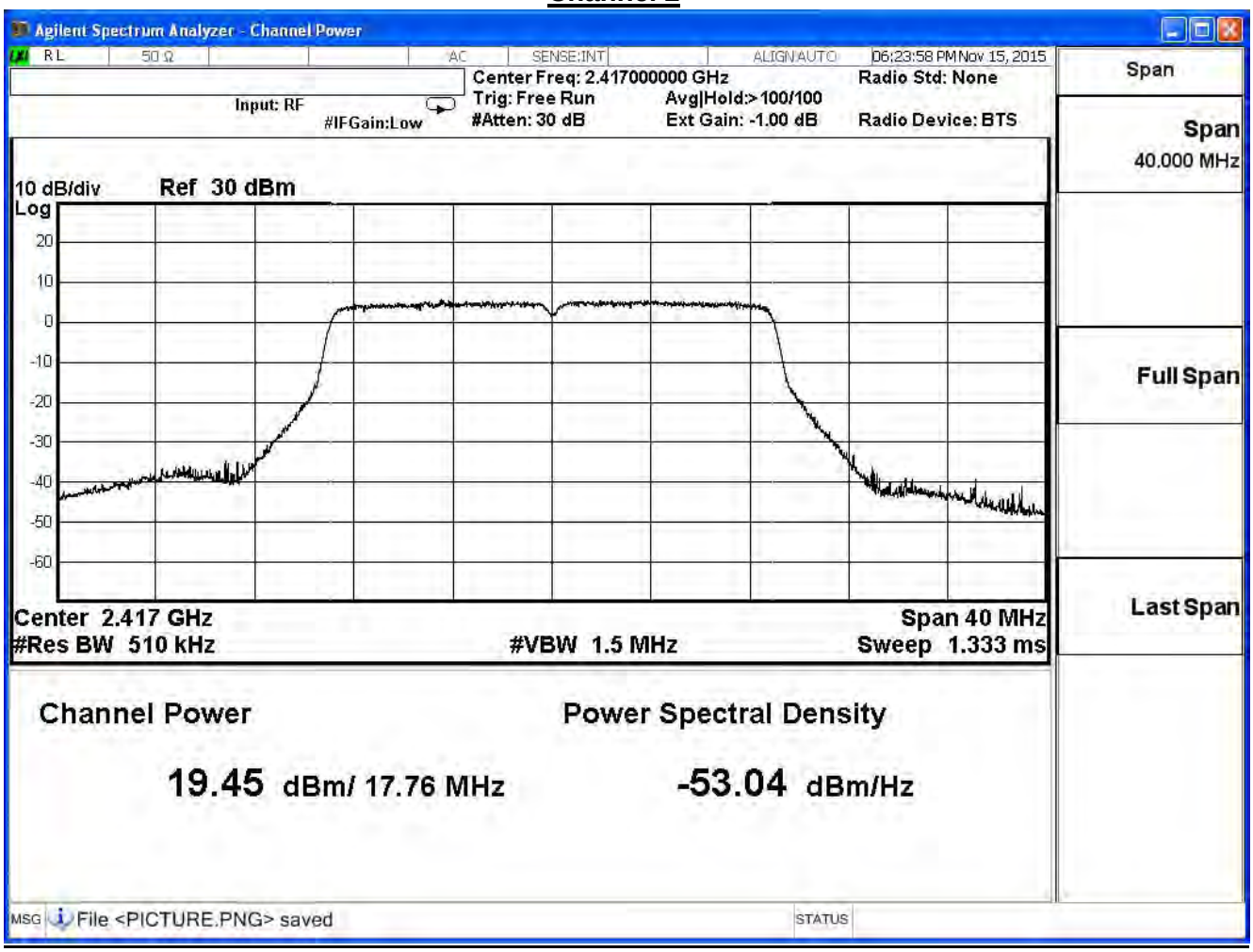
The worst emission of data rate is 6.5Mbps

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	18.27	--	--	--	--	--	--	--	≦30
2	2417	19.45	--	--	--	--	--	--	--	≦30
6	2437	23.01	22.97	22.92	22.84	22.78	22.74	22.62	22.55	≦30
10	2457	19.00	--	--	--	--	--	--	--	≦30
11	2462	18.67	--	--	--	--	--	--	--	≦30

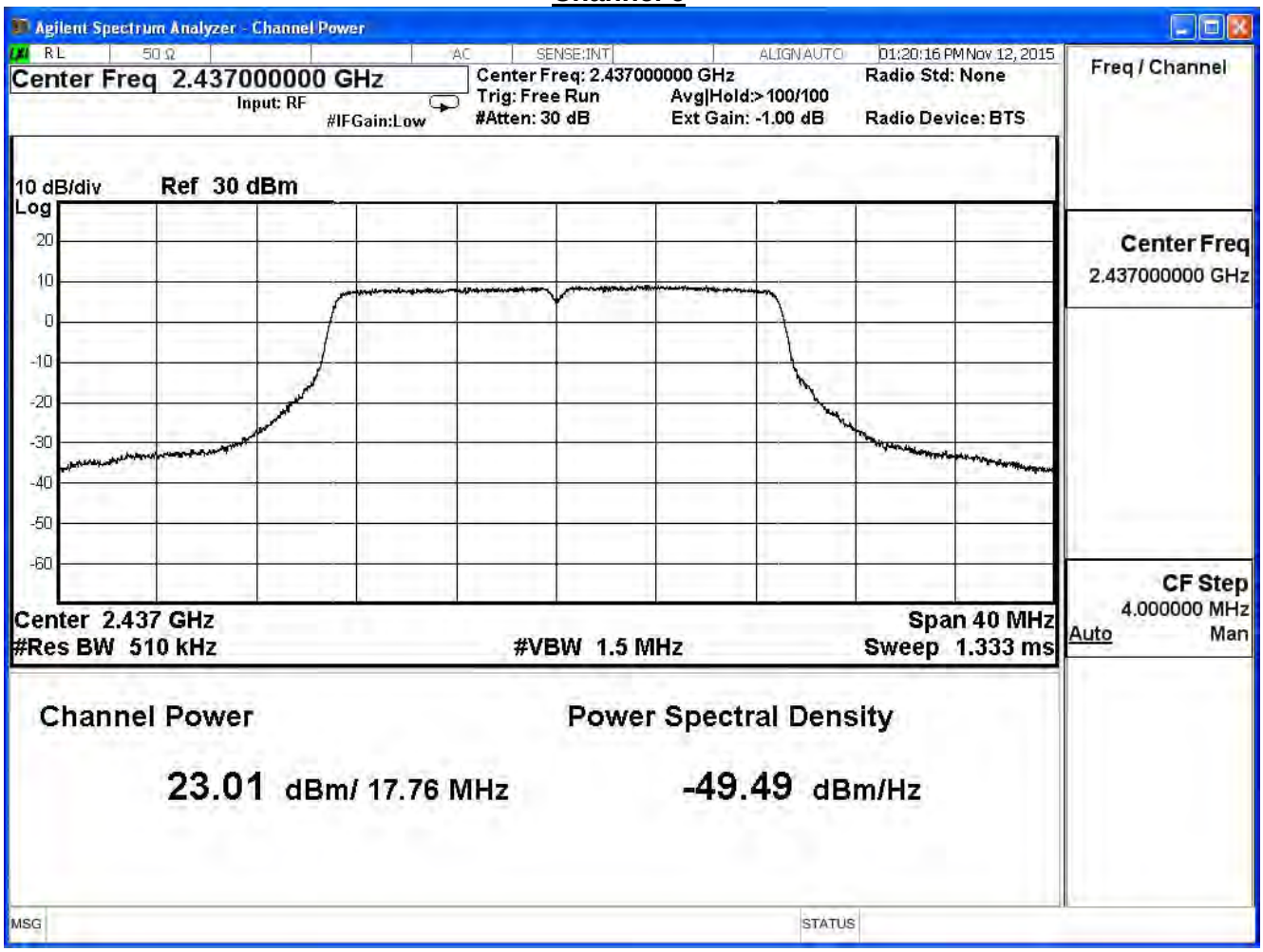
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:17:36 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
18.27 dBm/ 17.73 MHz
Power Spectral Density
-54.22 dBm/Hz
MSG
STATUS

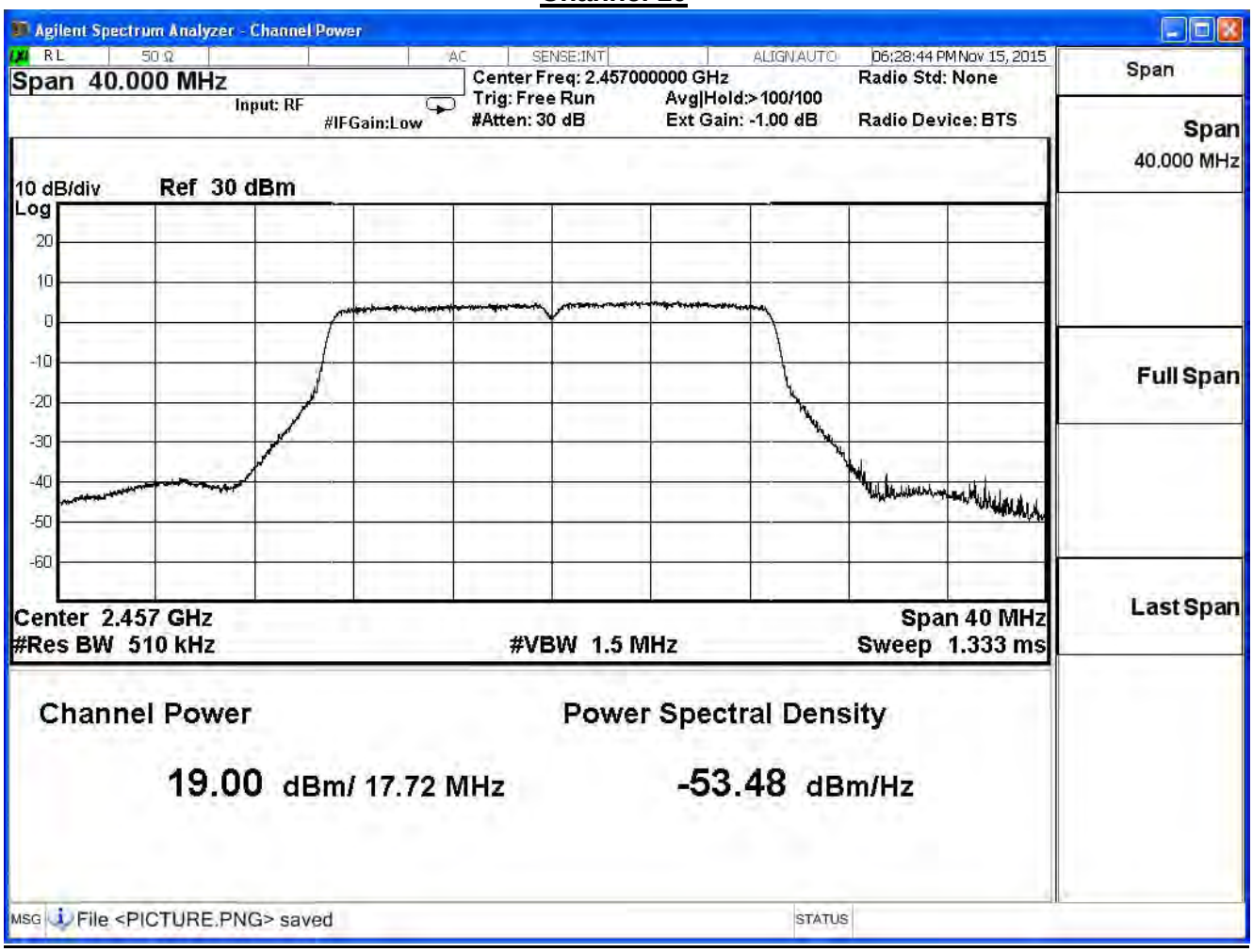
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:23:58 PM Nov 15, 2015
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Input: RF
#IFGain:Low
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.45 dBm/ 17.76 MHz
Power Spectral Density
-53.04 dBm/Hz
MSG
File <PICTURE.PNG> saved
STATUS
Span
Span
40.000 MHz
Full Span
Last Span

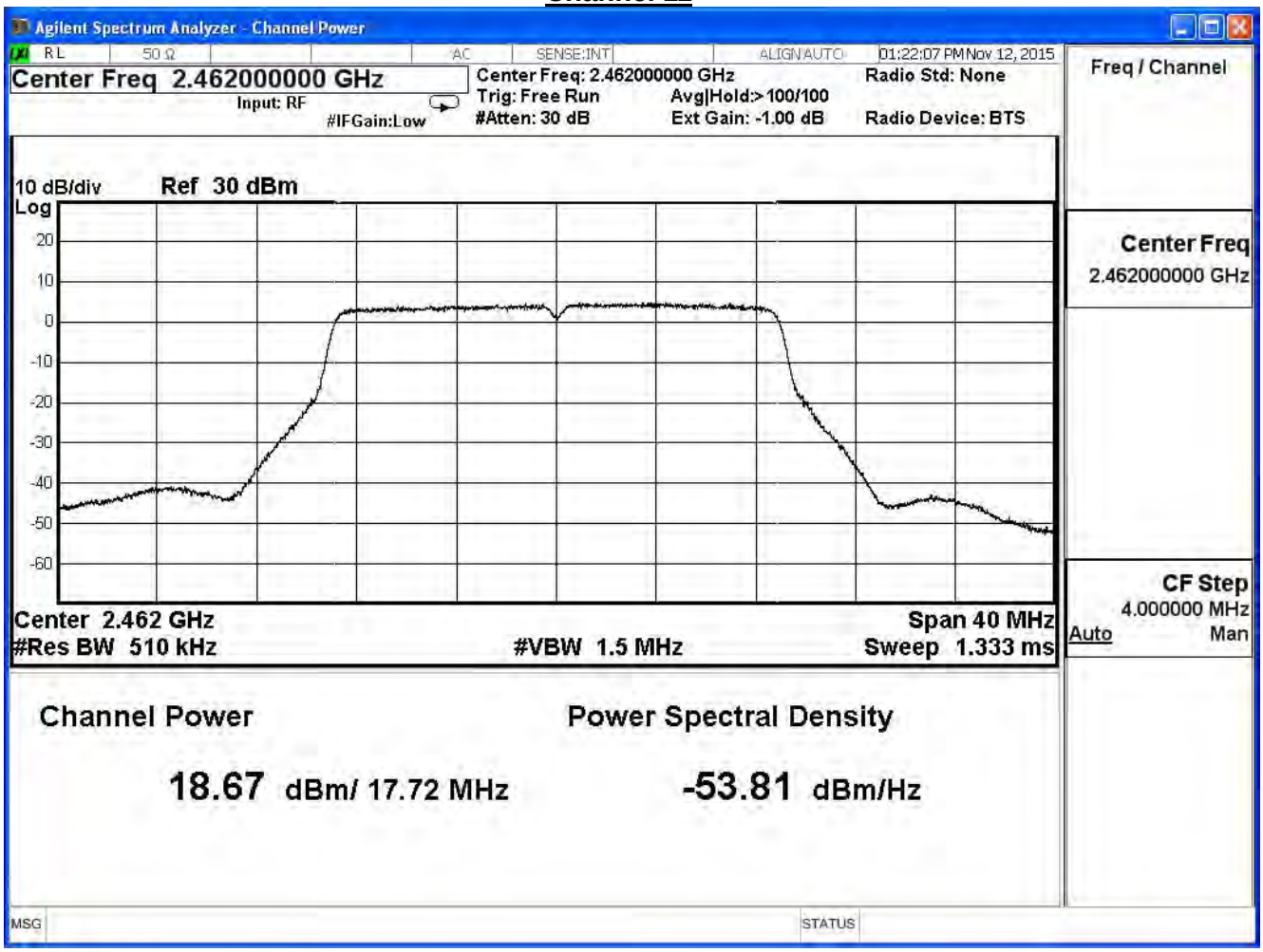
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:20:16 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.01 dBm/ 17.76 MHz
Power Spectral Density
-49.49 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:28:44 PM Nov 15, 2015
Span 40.000 MHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.00 dBm/ 17.72 MHz
Power Spectral Density
-53.48 dBm/Hz
MSG
File <PICTURE.PNG> saved
STATUS
Span
Span
40.000 MHz
Full Span
Last Span

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:22:07 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.67 dBm/ 17.72 MHz
Power Spectral Density
-53.81 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

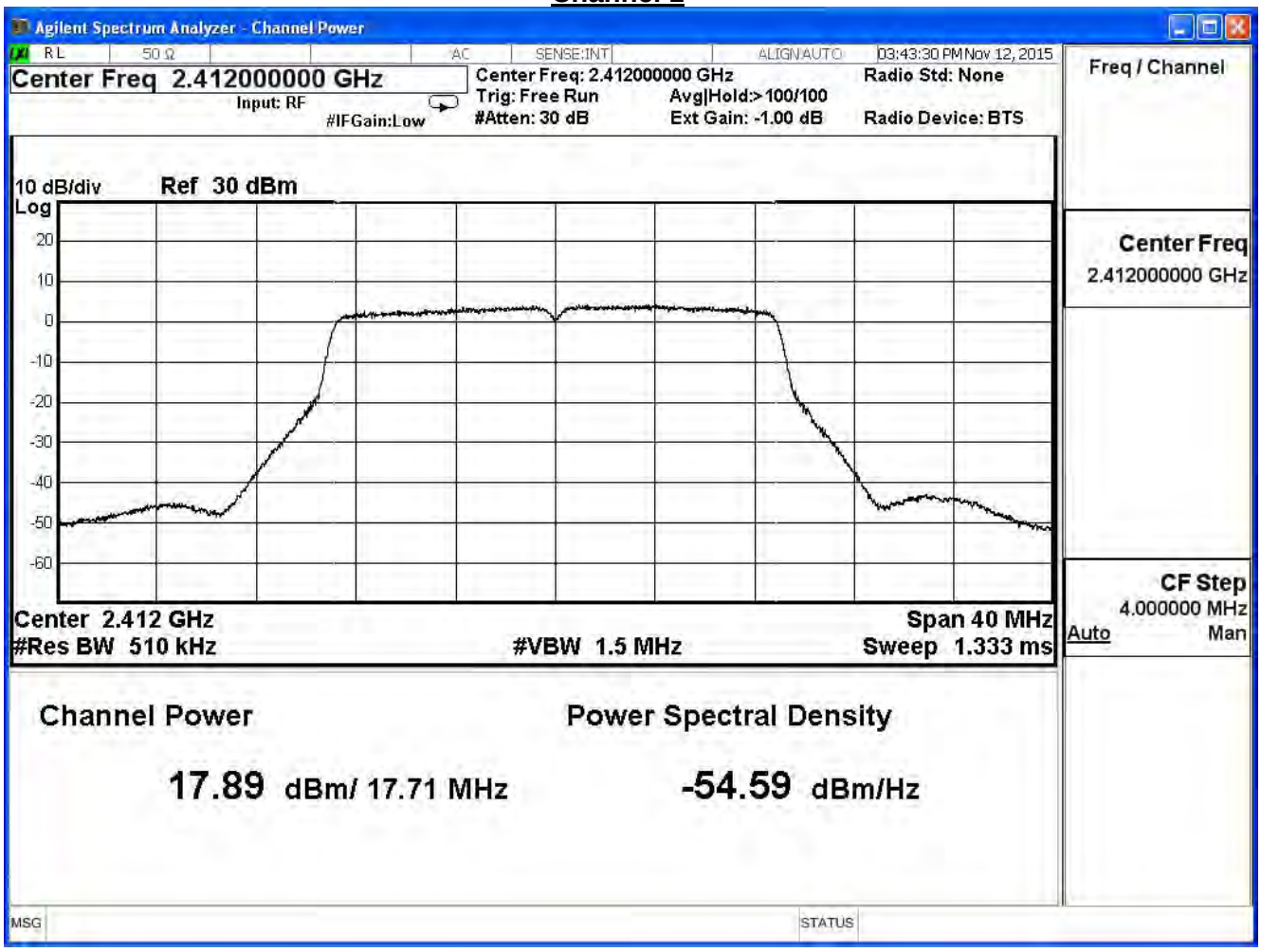
IEEE 802.11n_20M (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	17.89	≦30
2	2417	19.36	≦30
6	2437	22.89	≦30
10	2457	19.01	≦30
11	2462	18.30	≦30

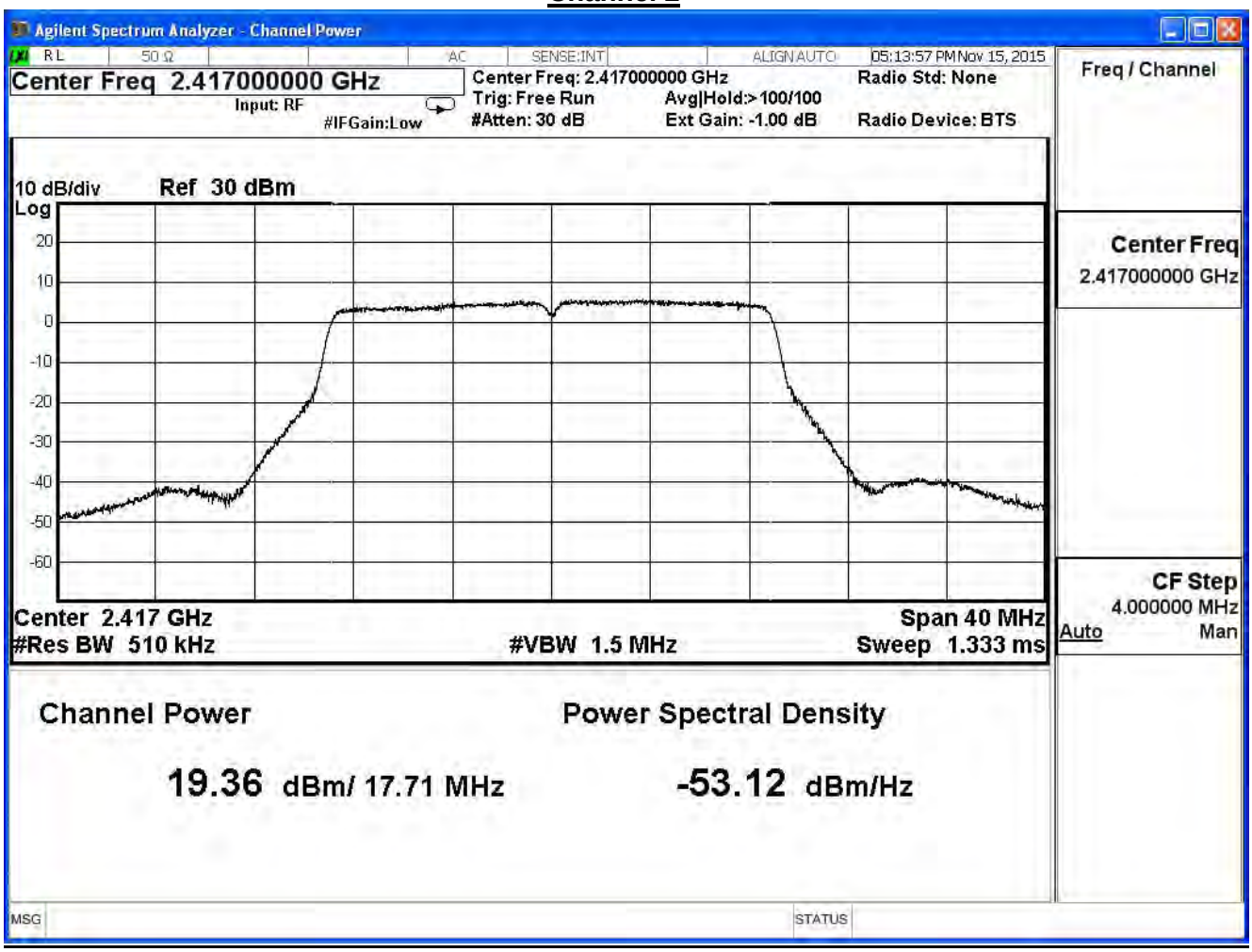
The worst emission of data rate is 6.5Mbps

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	17.89	--	--	--	--	--	--	--	≦30
2	2417	19.36	--	--	--	--	--	--	--	≦30
6	2437	22.89	22.80	22.75	22.71	22.68	22.61	22.54	22.50	≦30
10	2457	19.01	--	--	--	--	--	--	--	≦30
11	2462	18.30	--	--	--	--	--	--	--	≦30

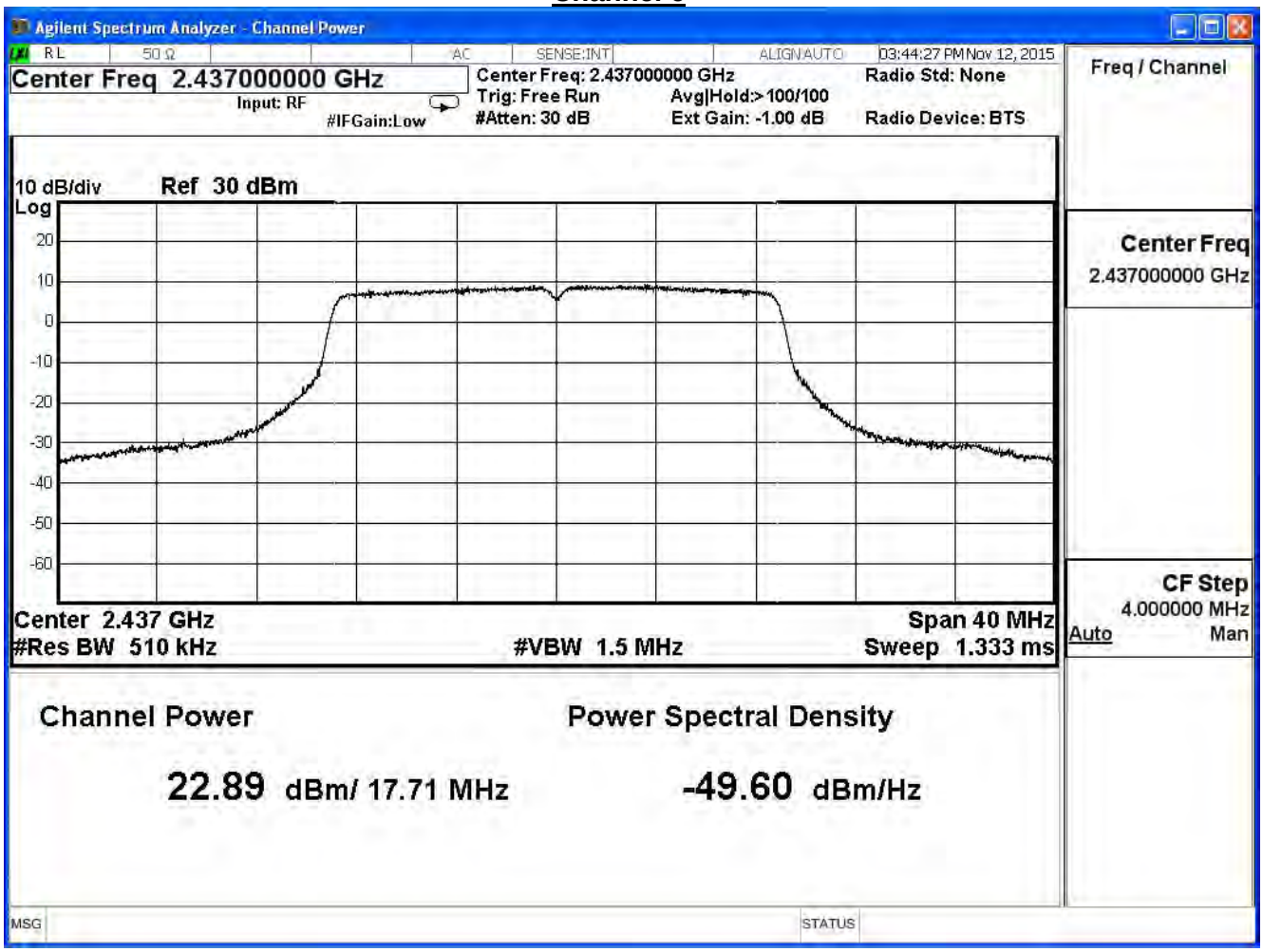
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:43:30 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
17.89 dBm/ 17.71 MHz
Power Spectral Density
-54.59 dBm/Hz
MSG
STATUS

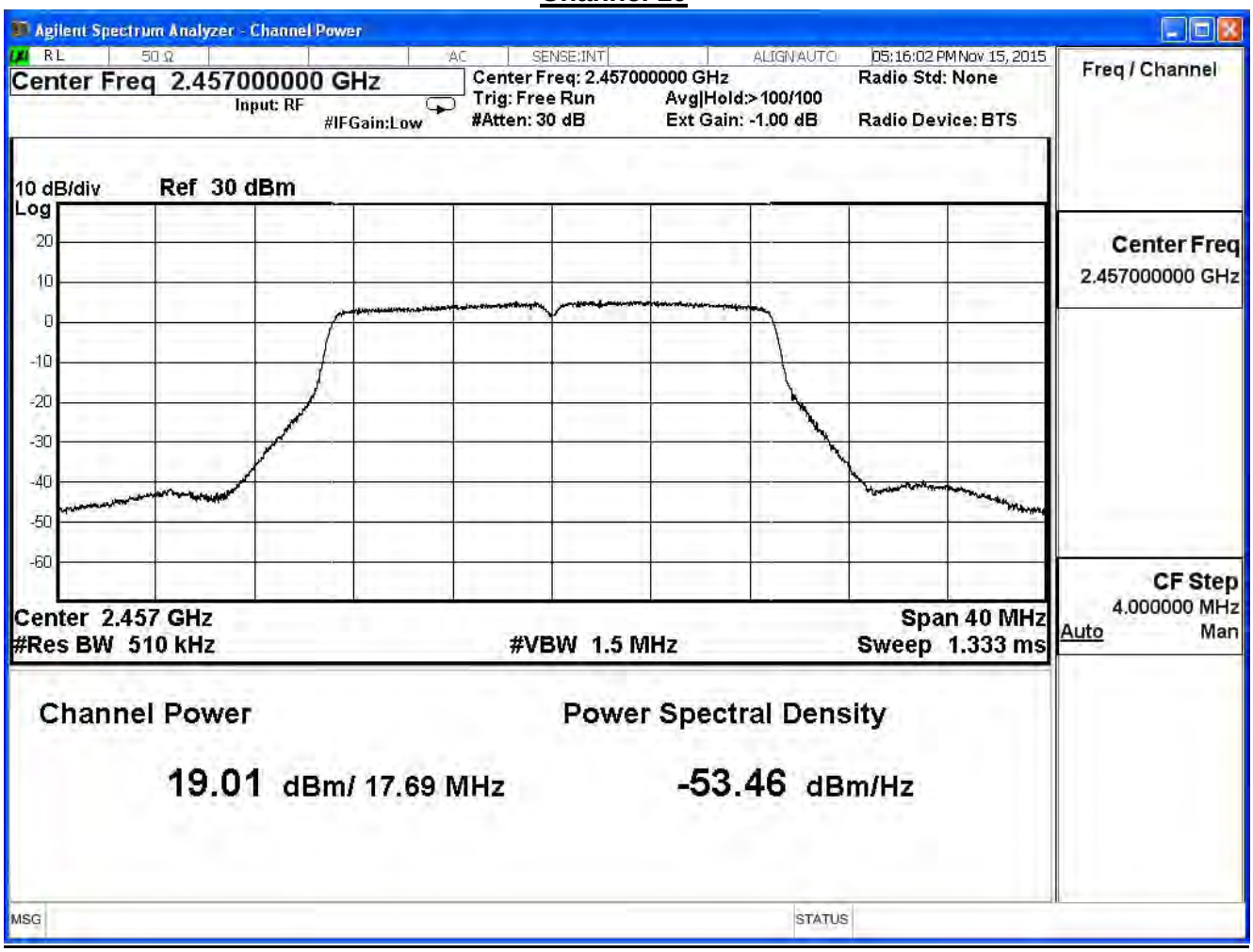
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:13:57 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
19.36 dBm/ 17.71 MHz
Power Spectral Density
-53.12 dBm/Hz
MSG
STATUS

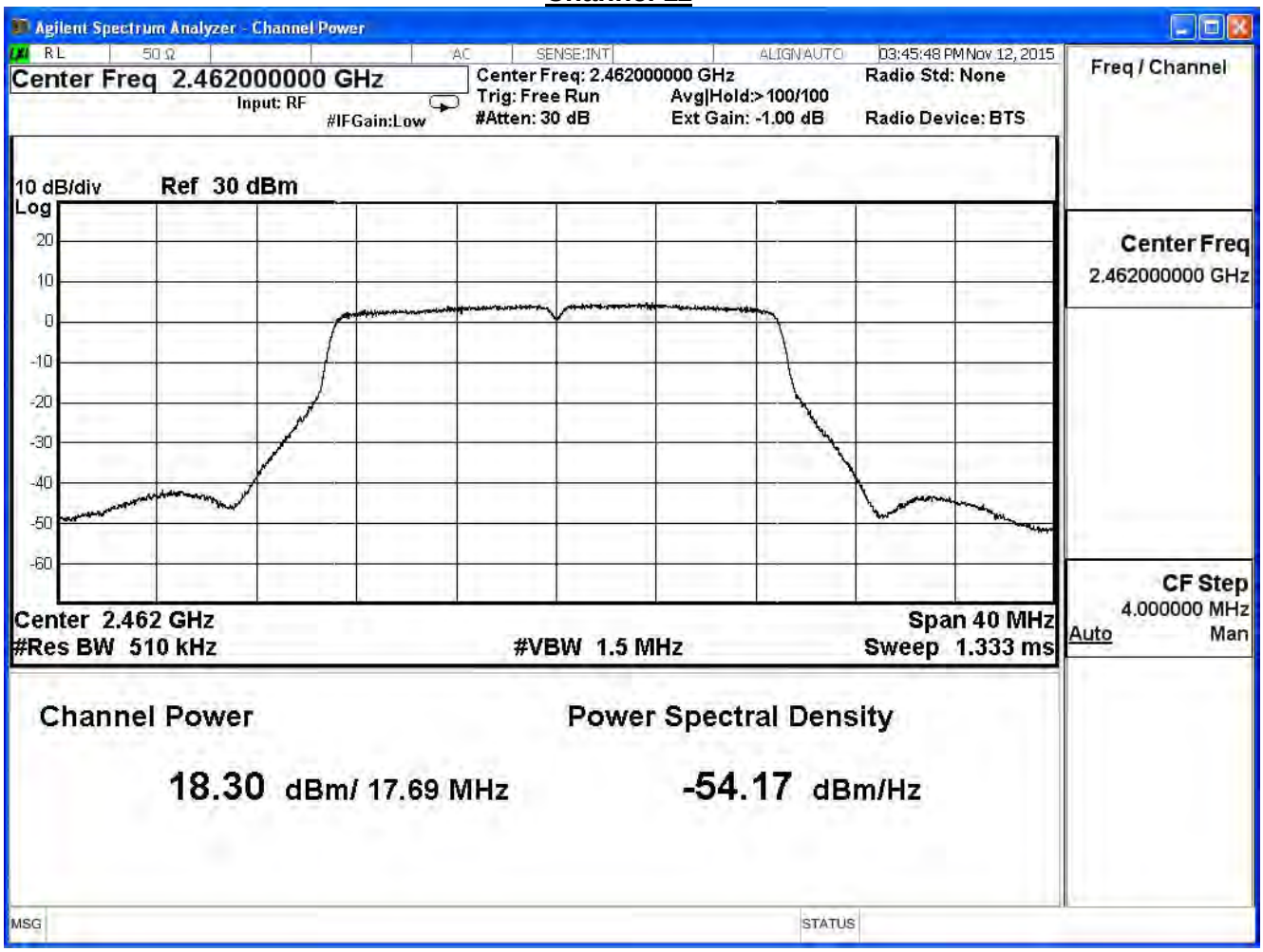
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:44:27 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.89 dBm/ 17.71 MHz
Power Spectral Density
-49.60 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:16:02 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.01 dBm/ 17.69 MHz
Power Spectral Density
-53.46 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:45:48 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.30 dBm/ 17.69 MHz
Power Spectral Density
-54.17 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

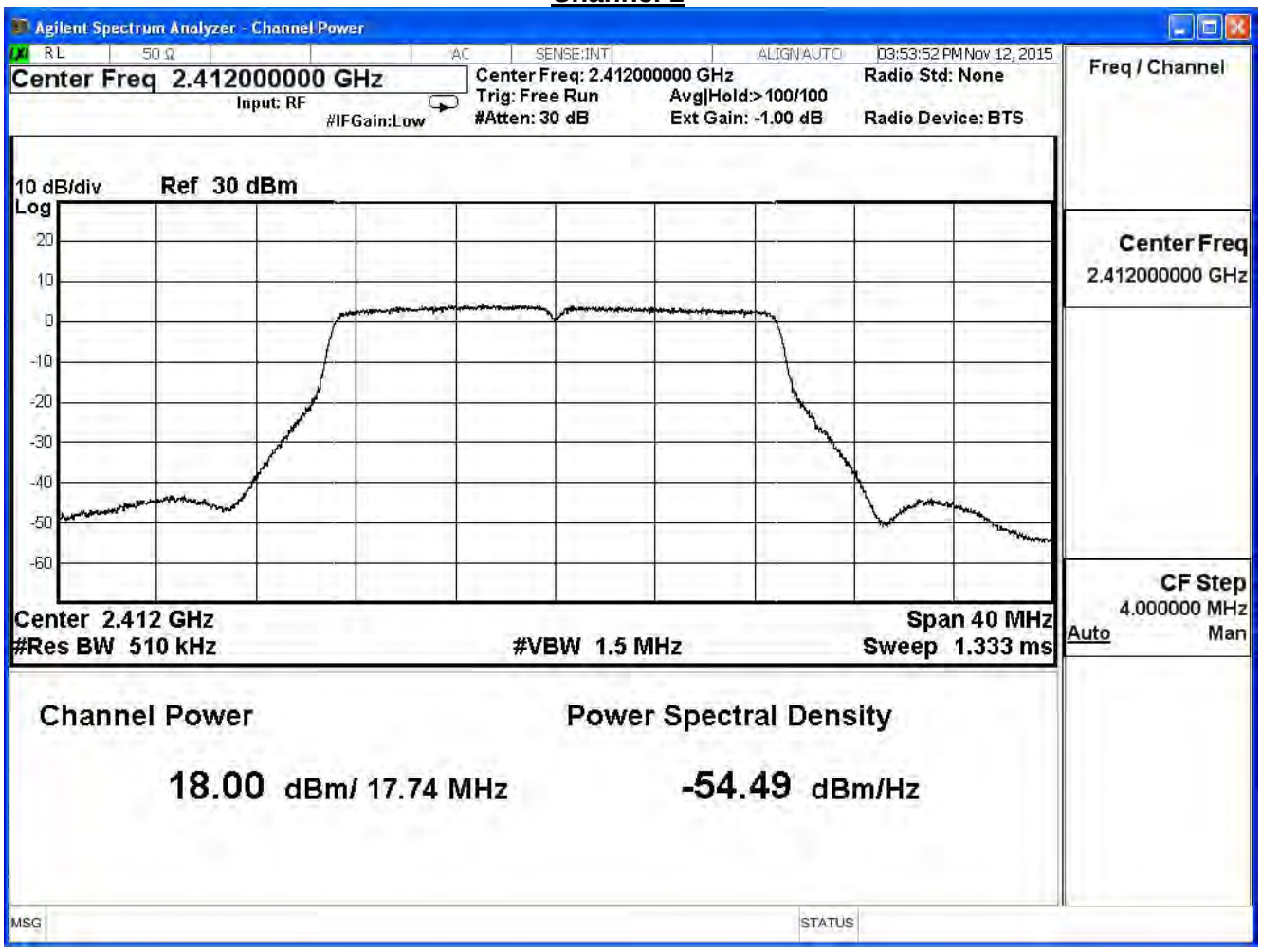
IEEE 802.11n_20M (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.00	≦30
2	2417	19.63	≦30
6	2437	23.04	≦30
10	2457	18.94	≦30
11	2462	18.35	≦30

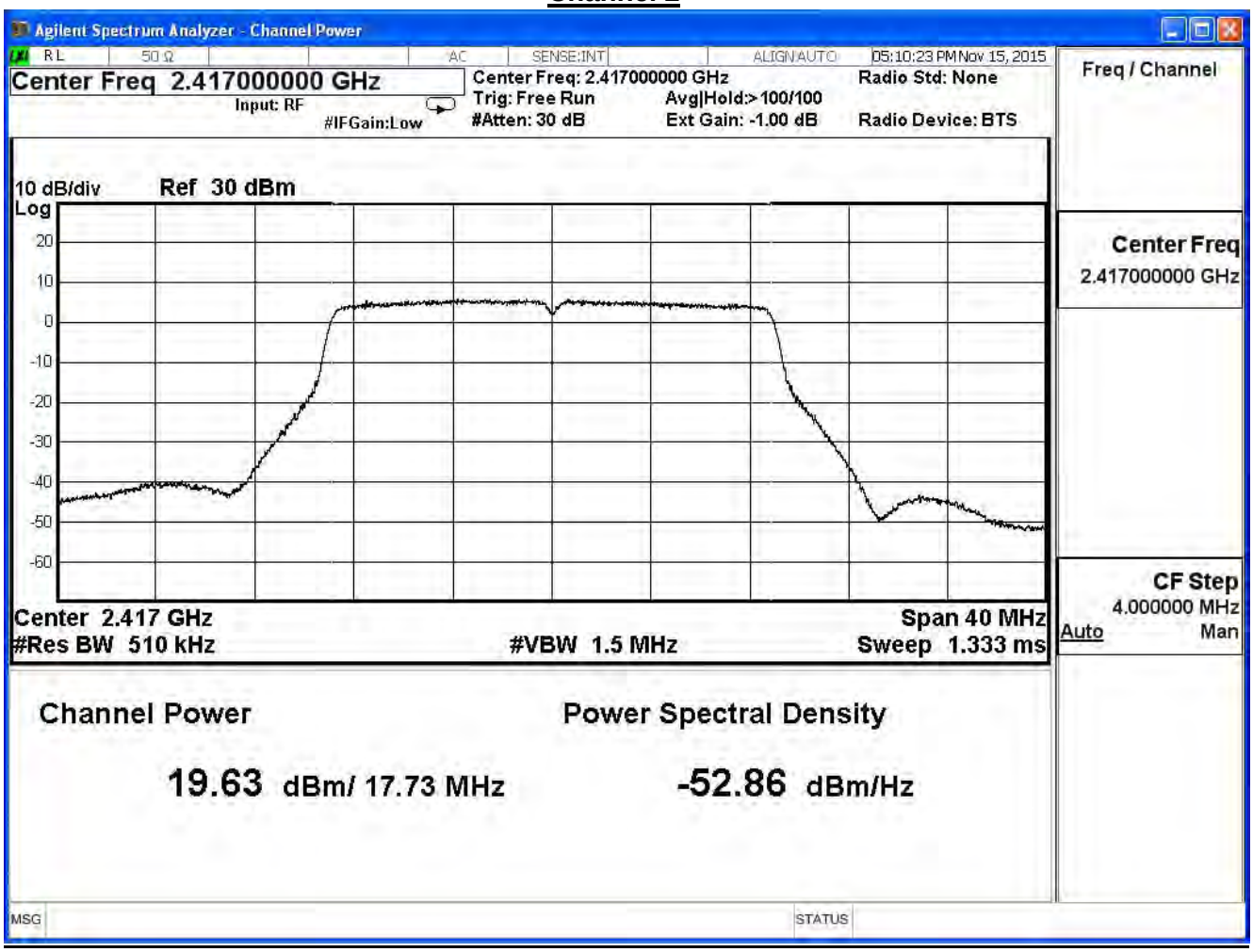
The worst emission of data rate is 6.5Mbps

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	18.00	--	--	--	--	--	--	--	≦30
2	2417	19.63	--	--	--	--	--	--	--	≦30
6	2437	23.04	22.94	22.86	22.79	22.71	22.64	22.58	22.51	≦30
10	2457	18.94	--	--	--	--	--	--	--	≦30
11	2462	18.35	--	--	--	--	--	--	--	≦30

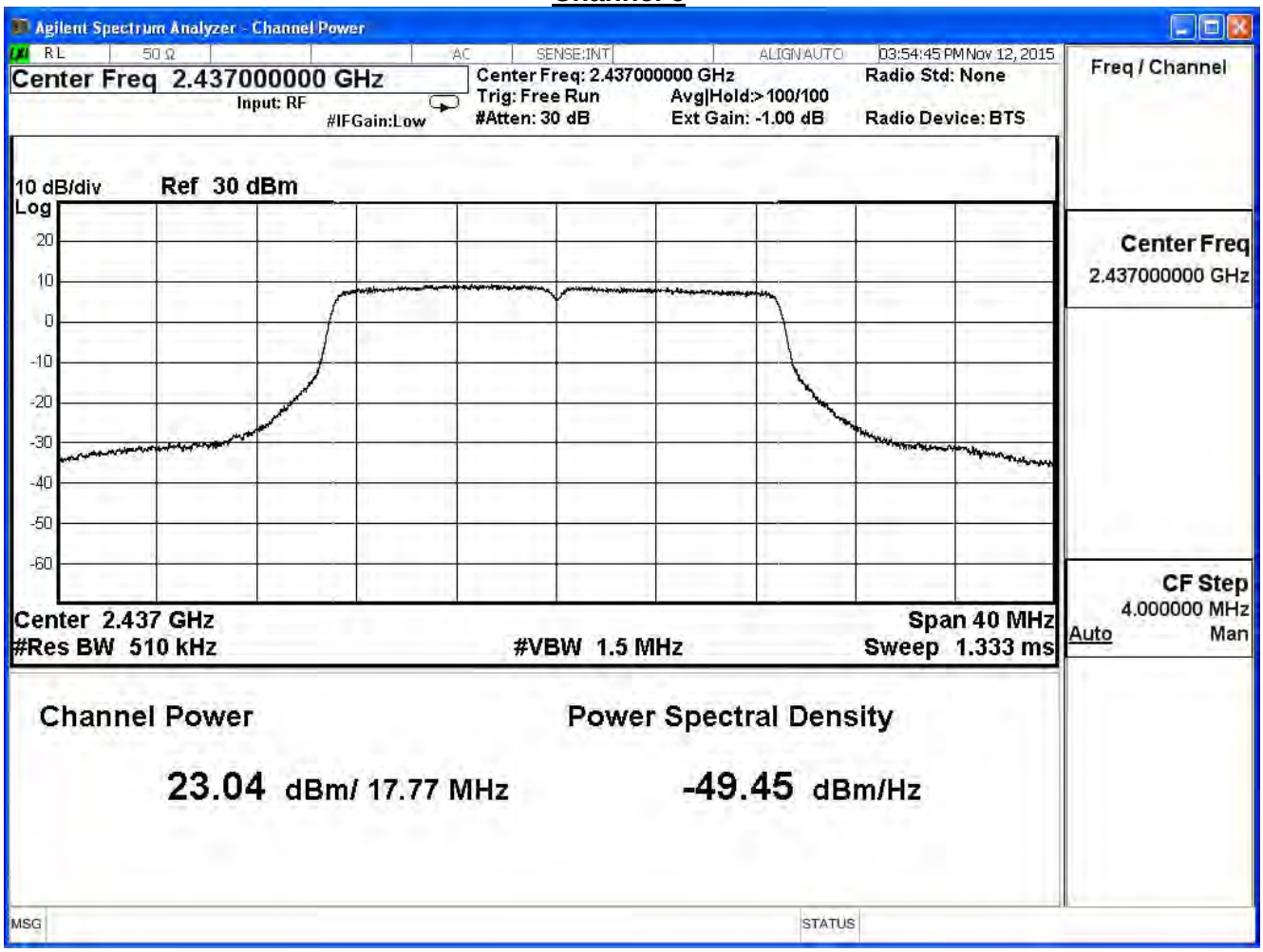
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:53:52 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
18.00 dBm/ 17.74 MHz
Power Spectral Density
-54.49 dBm/Hz
MSG
STATUS

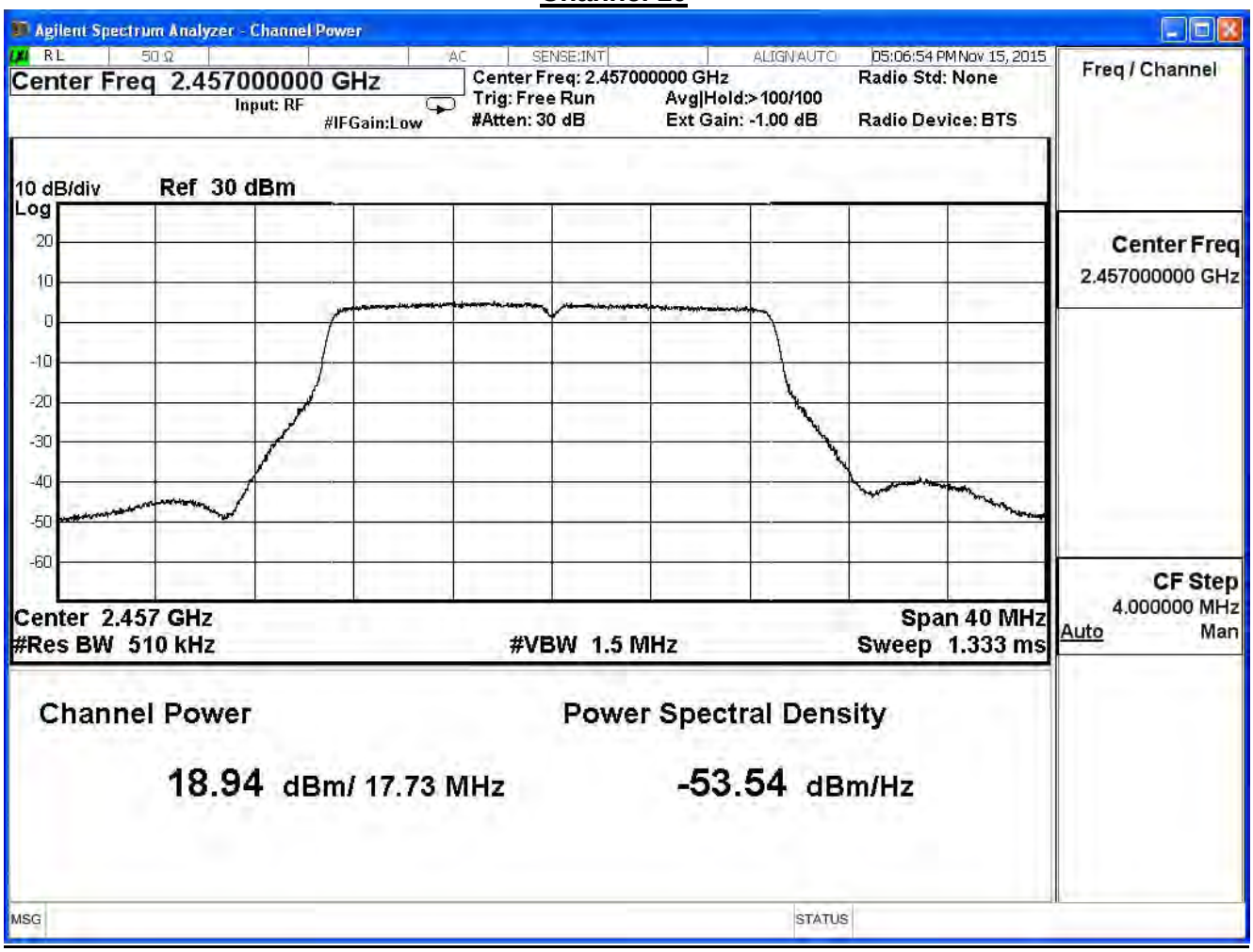
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:10:23 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
19.63 dBm/ 17.73 MHz
Power Spectral Density
-52.86 dBm/Hz
MSG
STATUS

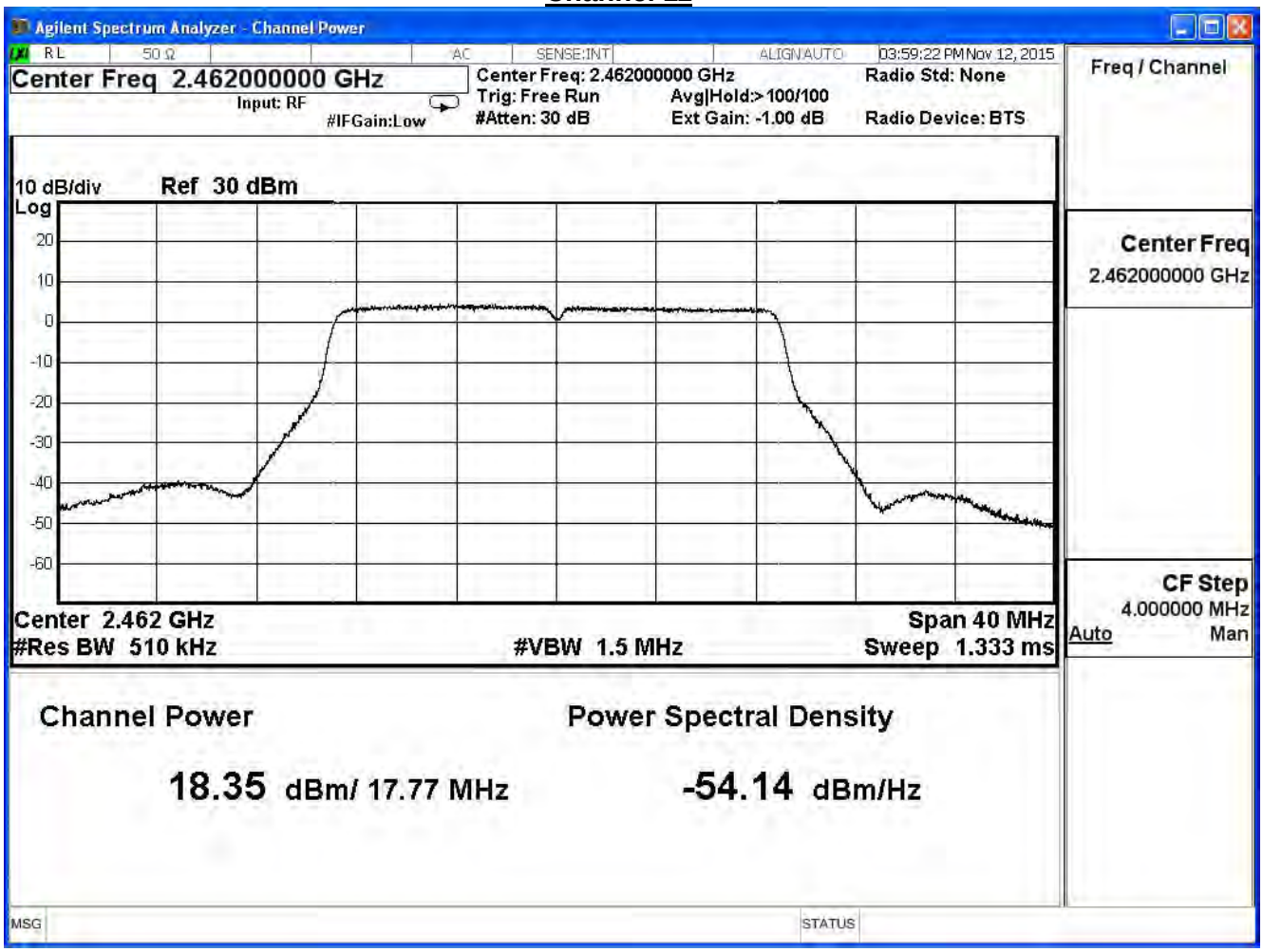
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:54:45 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.04 dBm/ 17.77 MHz
Power Spectral Density
-49.45 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:06:54 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.94 dBm/ 17.73 MHz
Power Spectral Density
-53.54 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:59:22 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.35 dBm/ 17.77 MHz
Power Spectral Density
-54.14 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

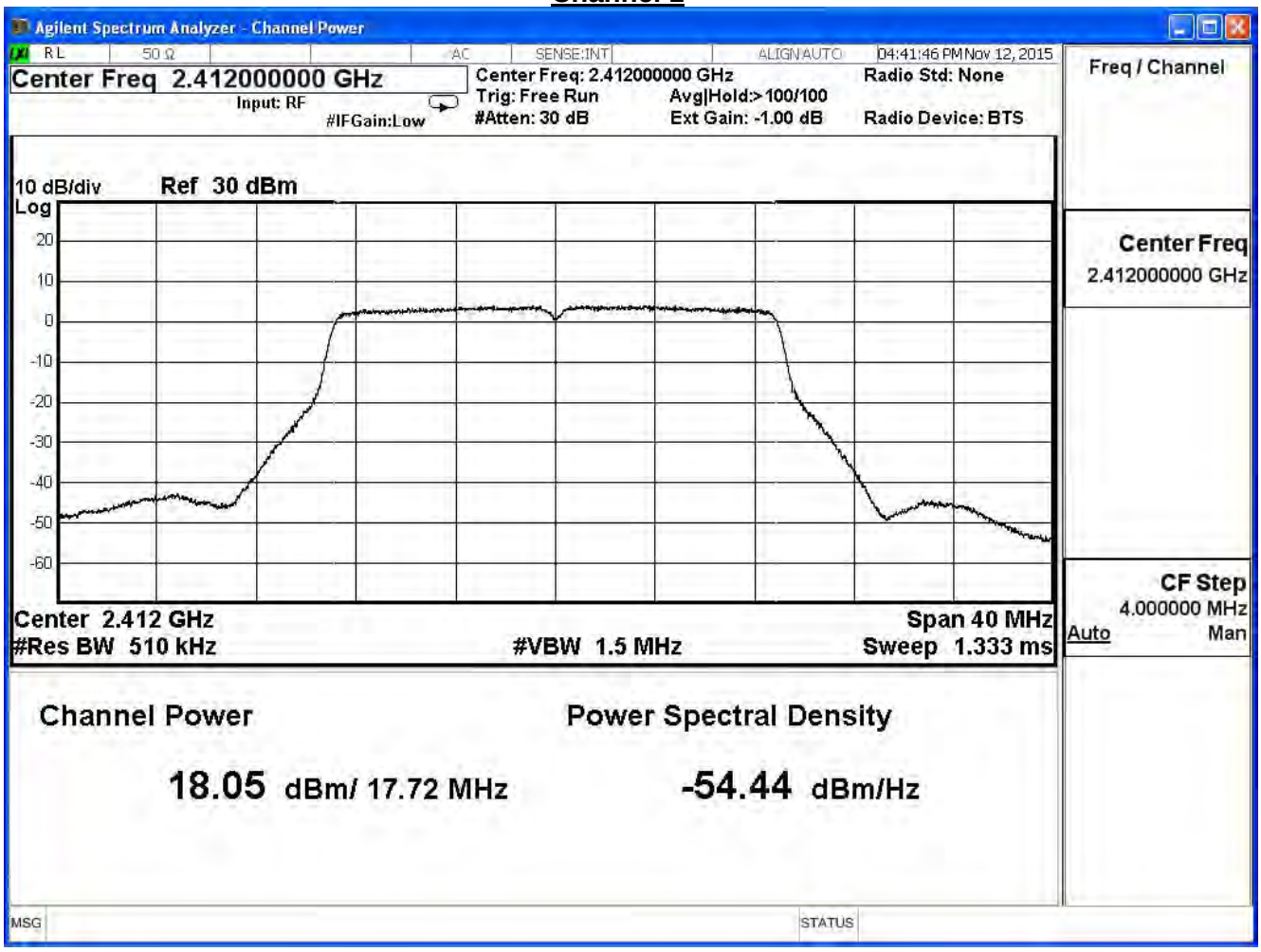
IEEE 802.11n_20M (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.05	≦30
2	2417	19.61	≦30
6	2437	22.99	≦30
10	2457	18.85	≦30
11	2462	18.36	≦30

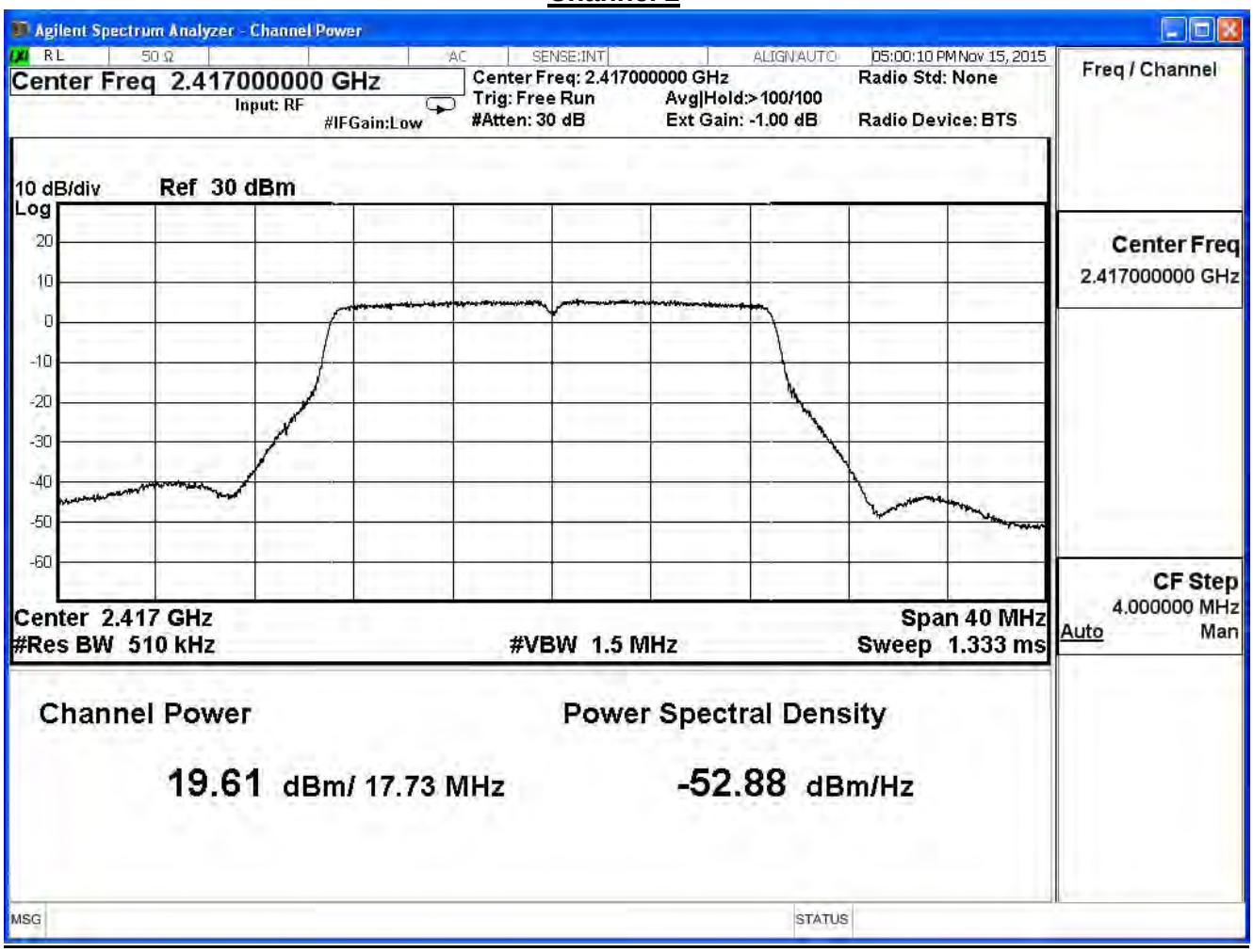
The worst emission of data rate is 6.5Mbps

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	18.05	--	--	--	--	--	--	--	≦30
2	2417	19.61	--	--	--	--	--	--	--	≦30
6	2437	22.99	22.92	22.84	22.79	22.74	22.68	22.61	22.54	≦30
10	2457	18.85	--	--	--	--	--	--	--	≦30
11	2462	18.36	--	--	--	--	--	--	--	≦30

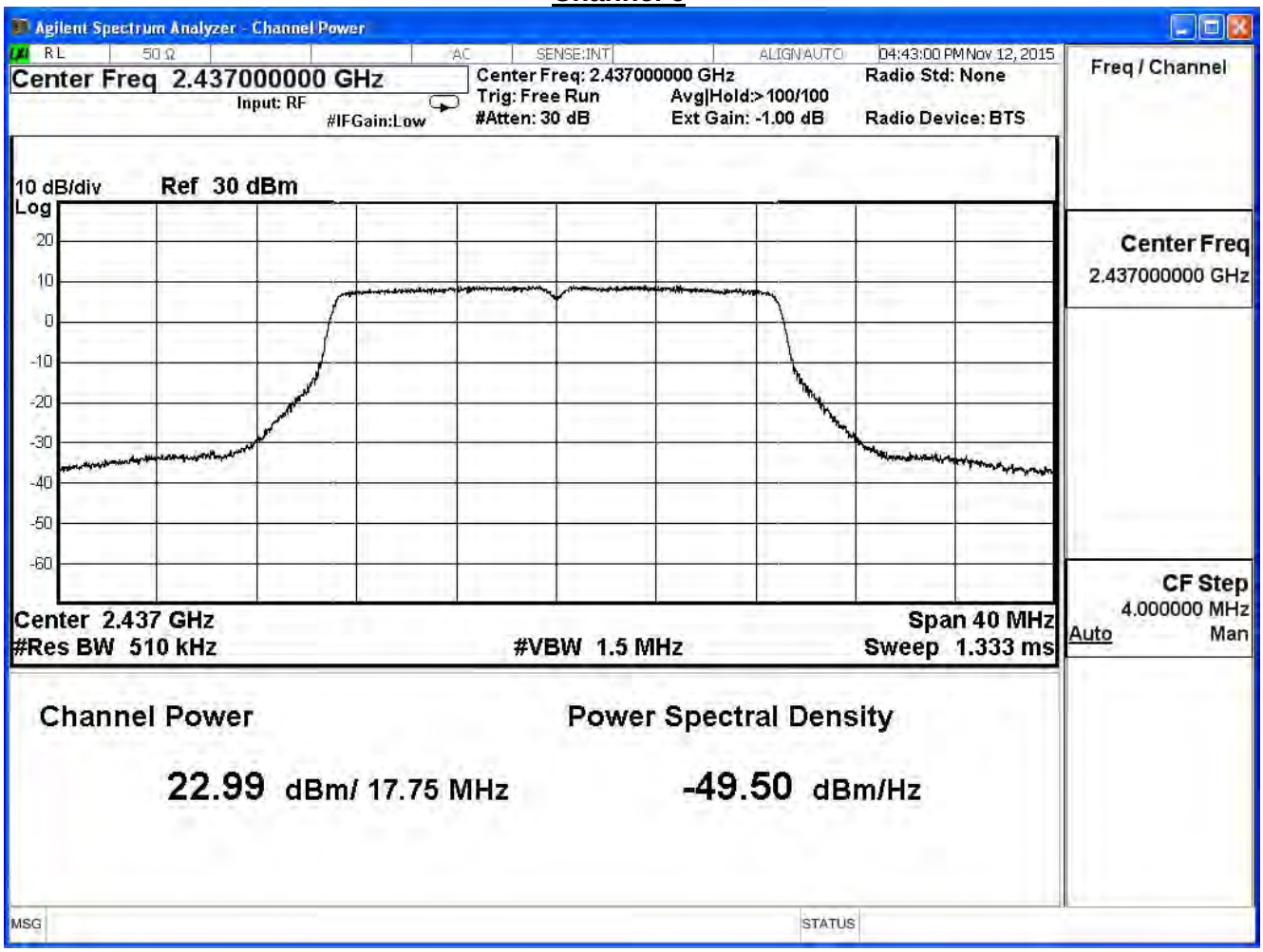
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:41:46 PM Nov 12, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.05 dBm/ 17.72 MHz
Power Spectral Density
-54.44 dBm/Hz
MSG
STATUS

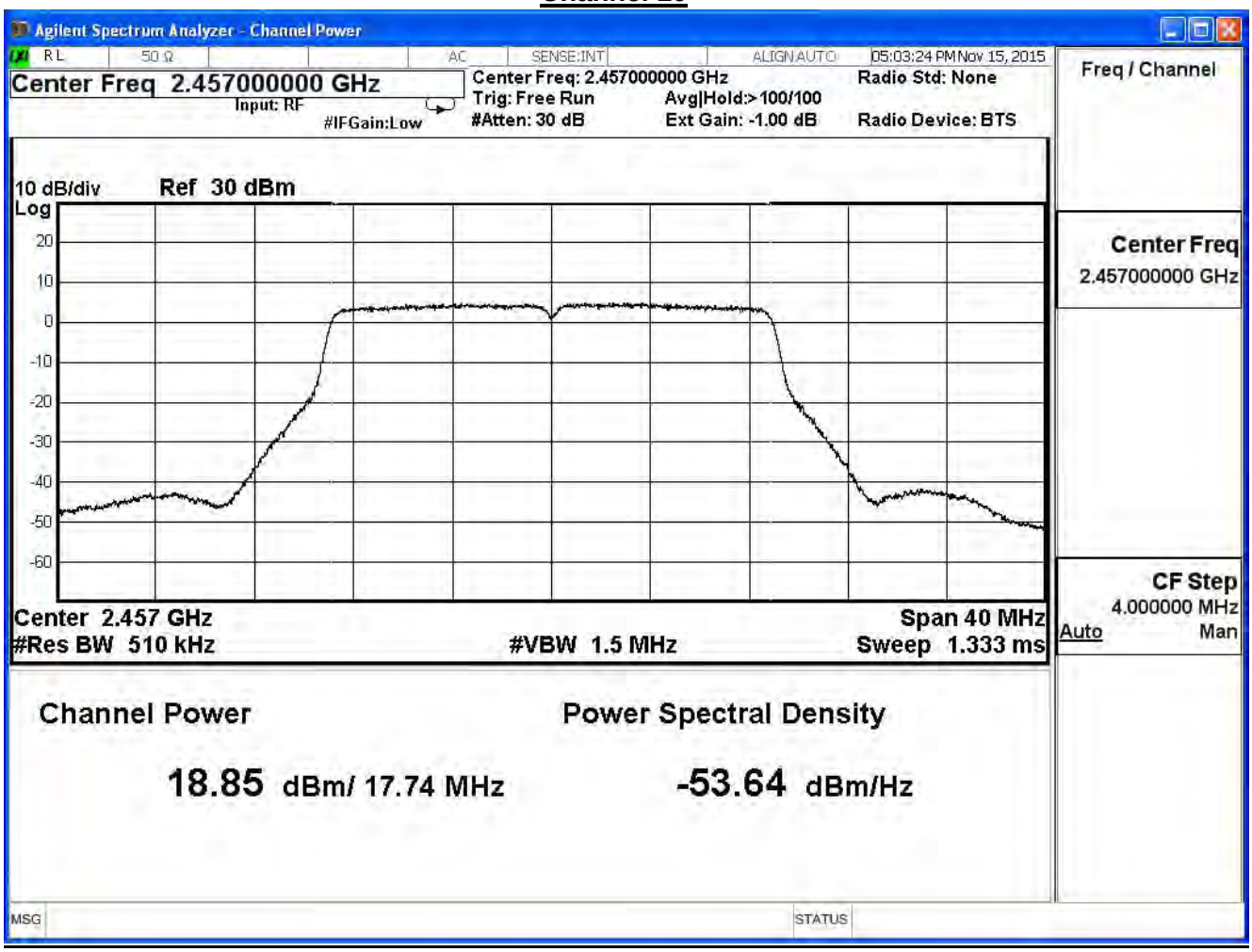
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:00:10 PM Nov 15, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
19.61 dBm/ 17.73 MHz
Power Spectral Density
-52.88 dBm/Hz
MSG
STATUS

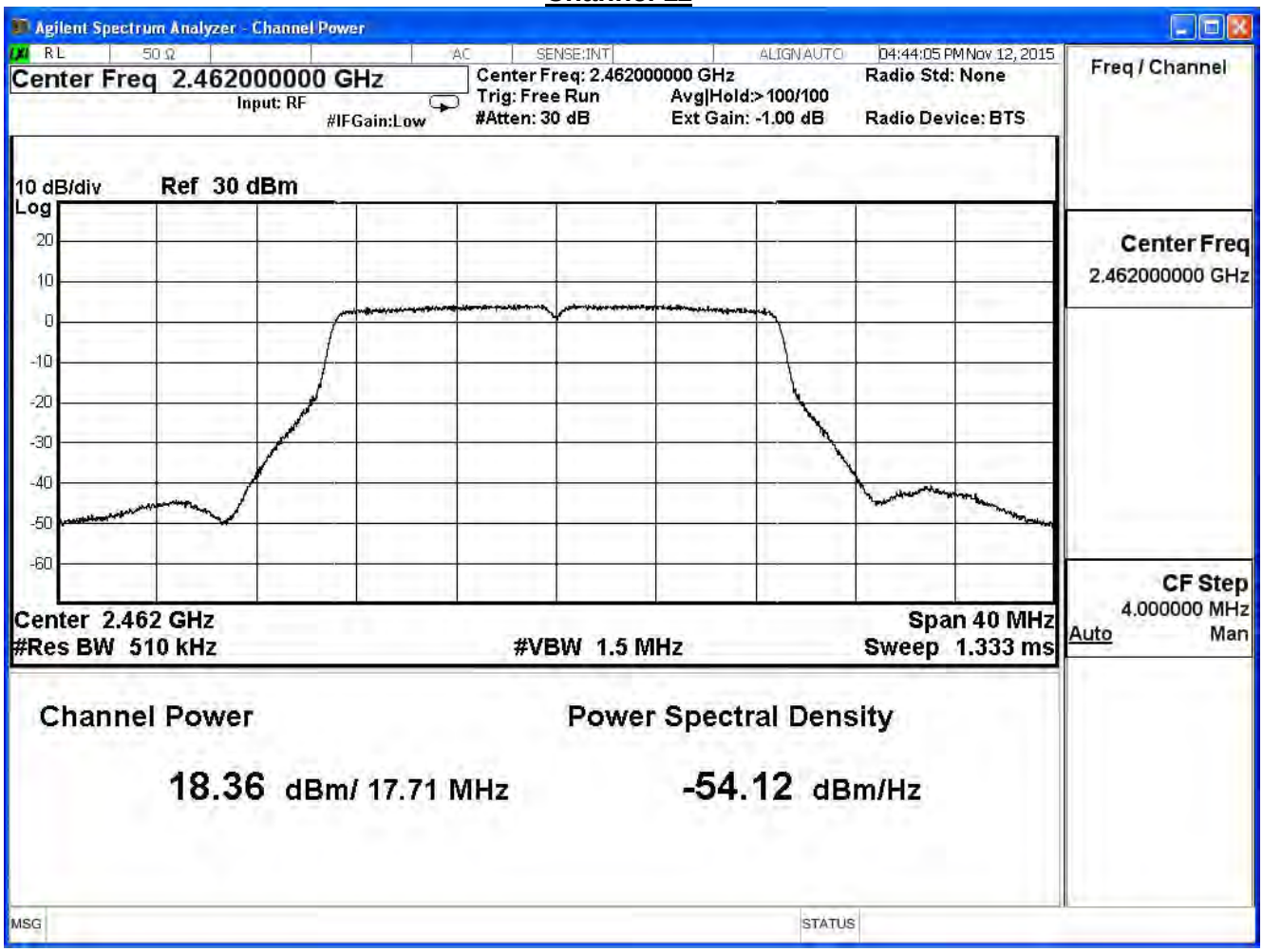
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:43:00 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
22.99 dBm/ 17.75 MHz
Power Spectral Density
-49.50 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:03:24 PM Nov 15, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.85 dBm/ 17.74 MHz
Power Spectral Density
-53.64 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:44:05 PM Nov 12, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.36 dBm/ 17.71 MHz
Power Spectral Density
-54.12 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

IEEE 802.11n_20M (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	24.08	≦30
2	2417	25.53	≦30
6	2437	29.00	≦30
10	2457	24.97	≦30
11	2462	24.44	≦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	24.08	--	--	--	--	--	--	--	≦30
2	2417	25.53	--	--	--	--	--	--	--	≦30
6	2437	29.00	28.93	28.87	28.80	28.75	28.69	28.61	28.55	≦30
10	2457	24.97	--	--	--	--	--	--	--	≦30
11	2462	24.44	--	--	--	--	--	--	--	≦30

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

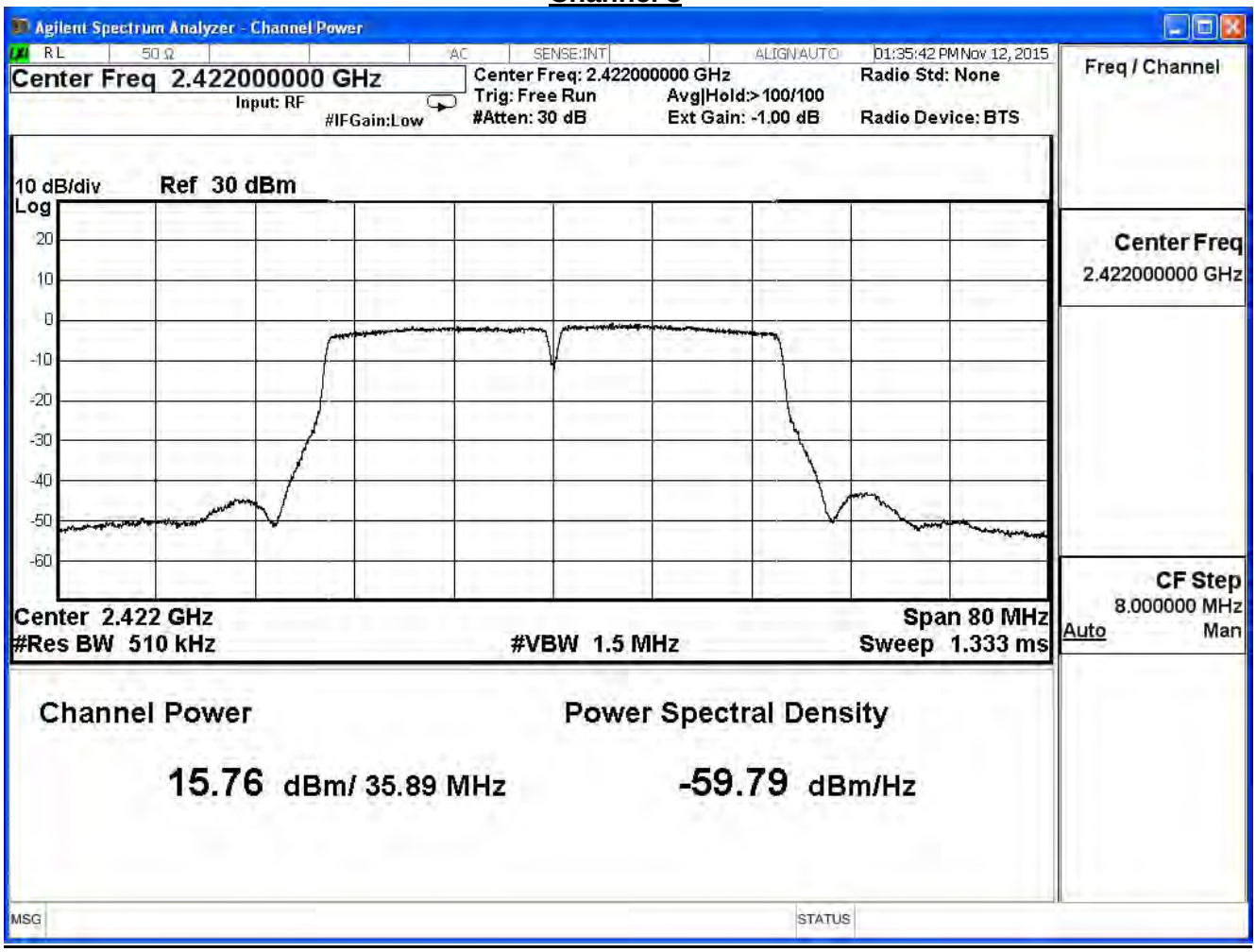
IEEE 802.11n_40M (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.76	≦30
4	2427	15.99	≦30
6	2437	18.40	≦30
8	2447	14.61	≦30
9	2452	14.47	≦30

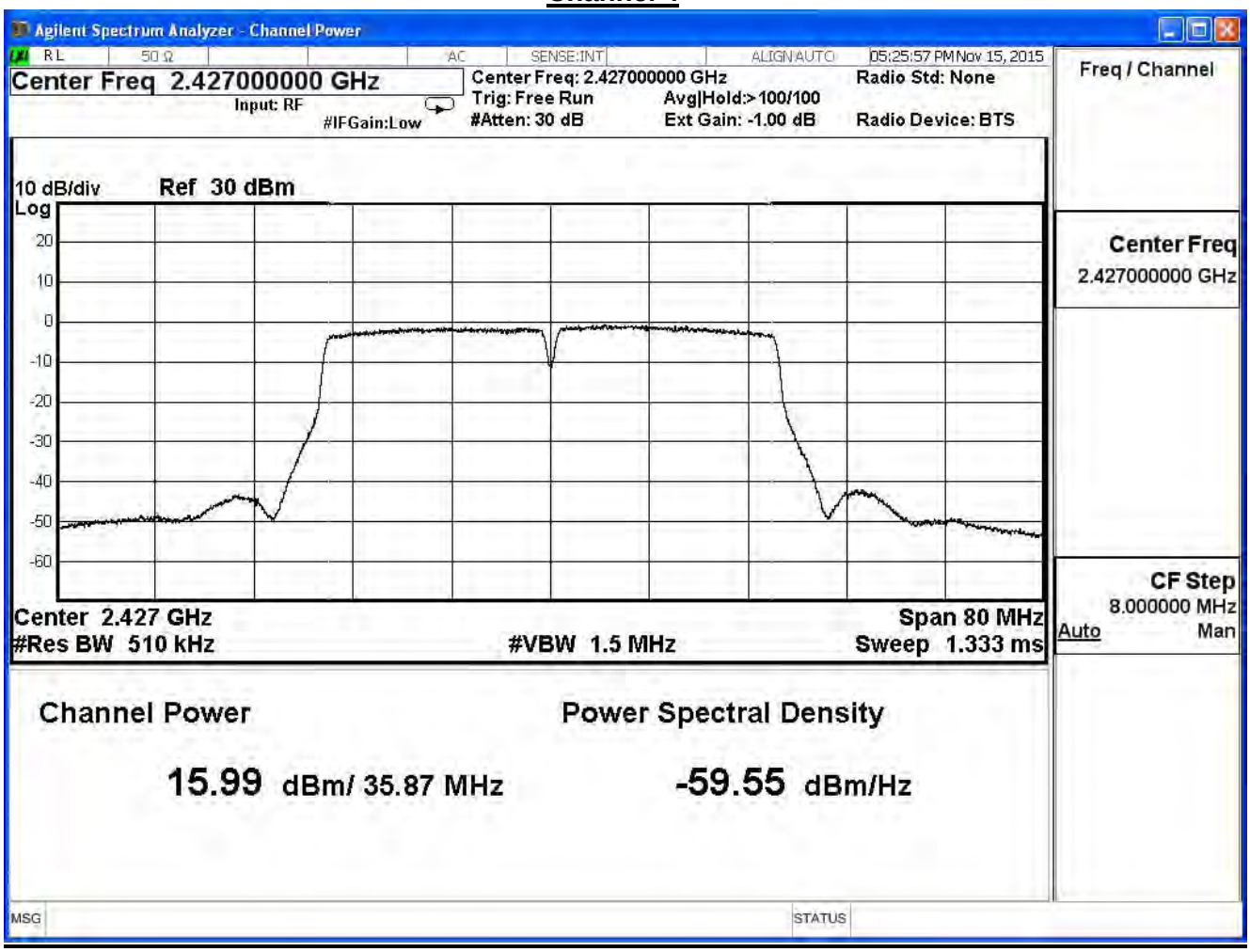
The worst emission of data rate is 13.5 Mbps.

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	15.76	--	--	--	--	--	--	--	≦30
4	2427	15.99	--	--	--	--	--	--	--	≦30
6	2437	18.40	18.18	18.08	17.98	17.74	17.50	17.35	17.23	≦30
8	2447	14.61	--	--	--	--	--	--	--	≦30
9	2452	14.47	--	--	--	--	--	--	--	≦30

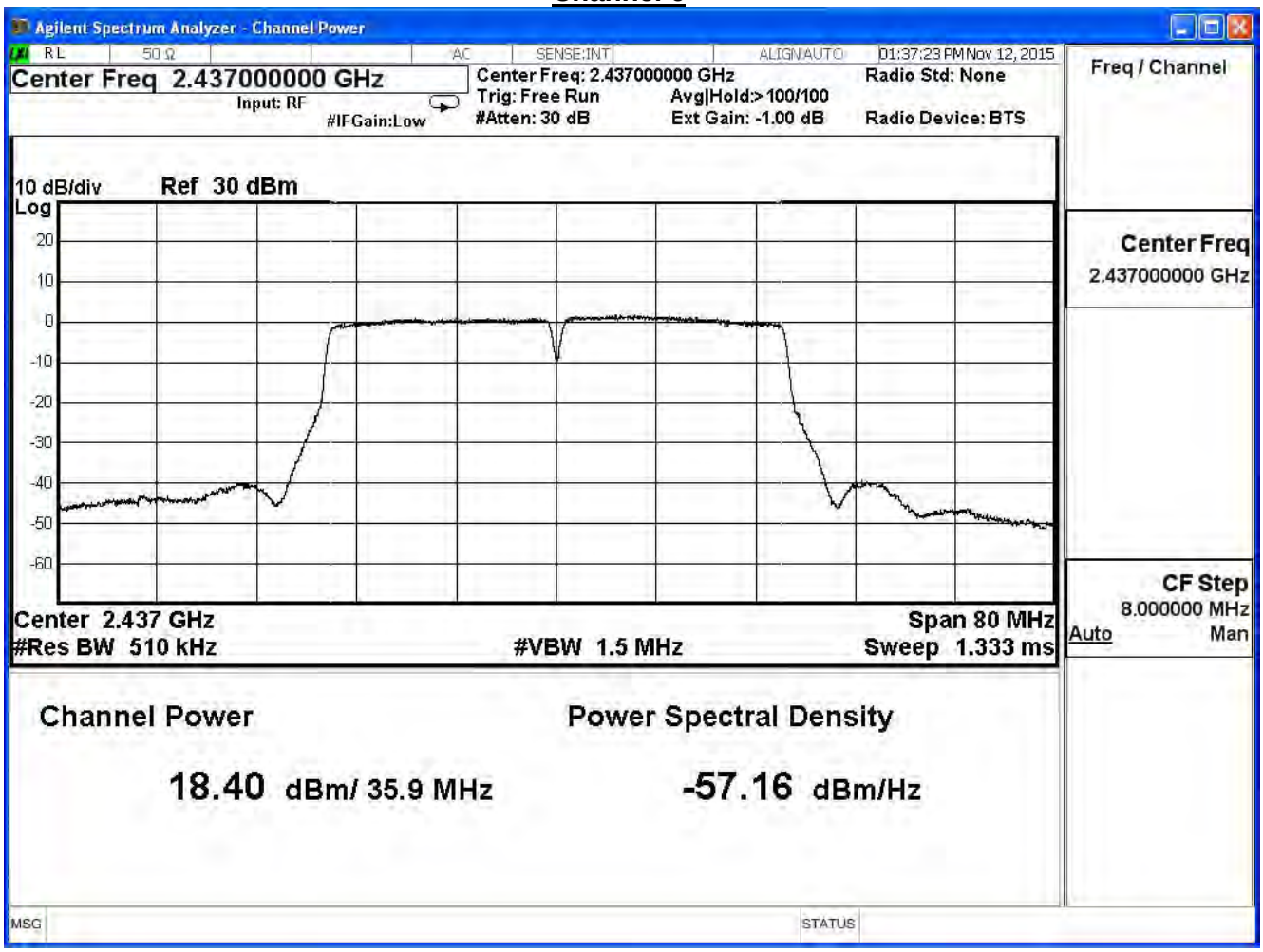
Channel 3


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:35:42 PM Nov 12, 2015
Center Freq 2.422000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.422000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.422000000 GHz
Center 2.422 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
15.76 dBm/ 35.89 MHz
Power Spectral Density
-59.79 dBm/Hz
MSG
STATUS

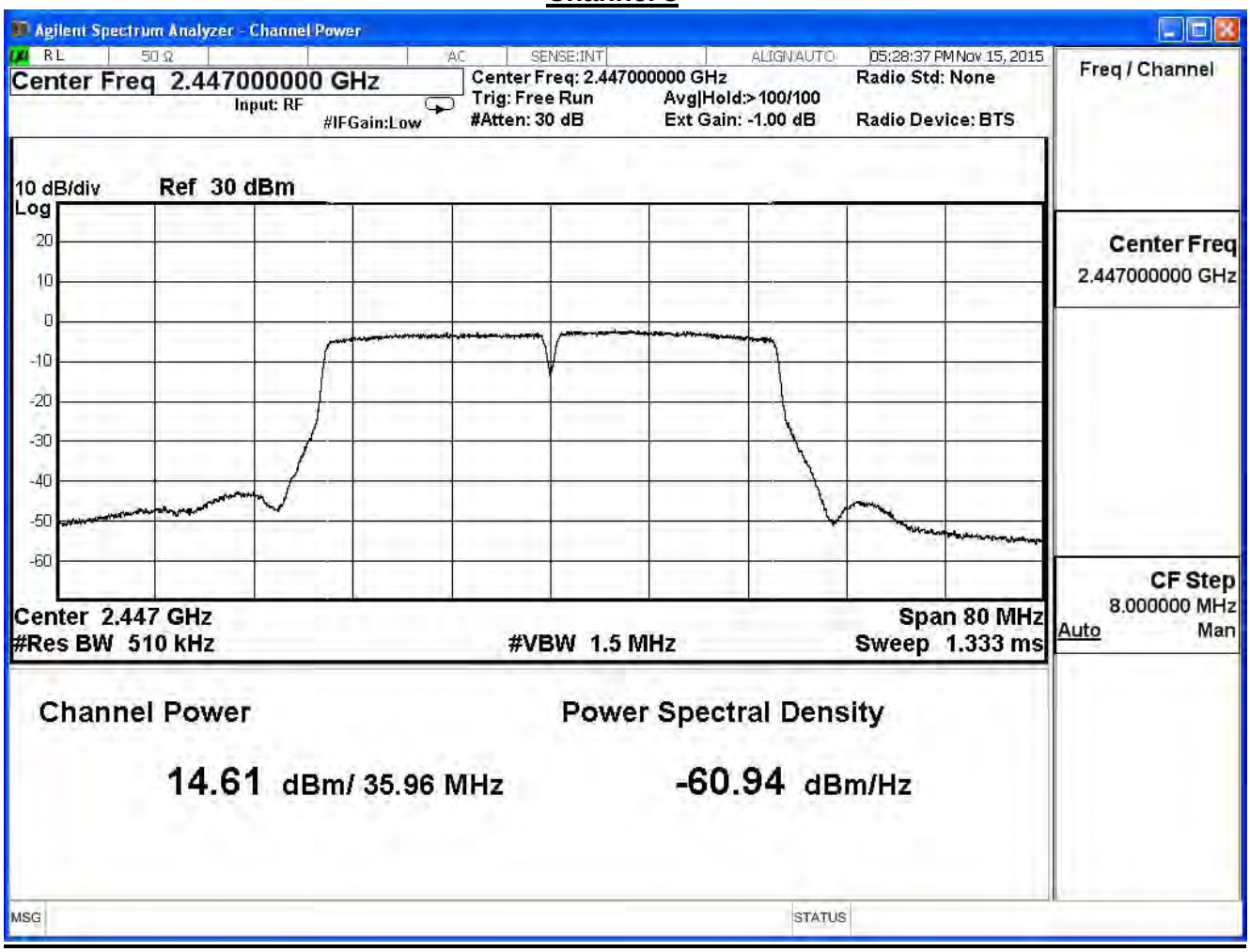
Channel 4


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:25:57 PM Nov 15, 2015
Center Freq 2.427000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.427000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.427000000 GHz
Center 2.427 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
15.99 dBm/ 35.87 MHz
Power Spectral Density
-59.55 dBm/Hz
MSG
STATUS

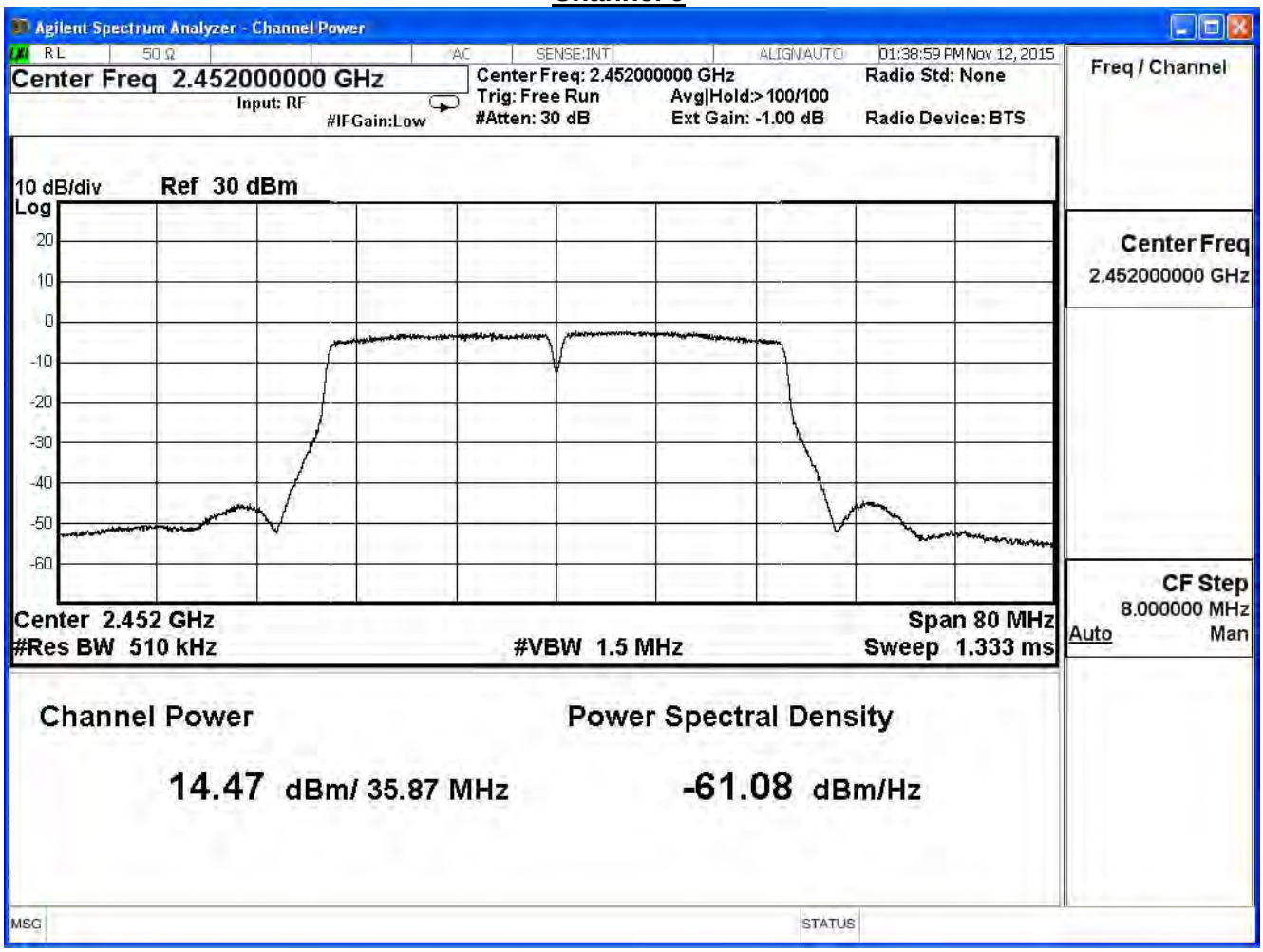
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:37:23 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
18.40 dBm/ 35.9 MHz
Power Spectral Density
-57.16 dBm/Hz
MSG
STATUS

Channel 8


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:28:37 PM Nov 15, 2015
Center Freq 2.447000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.447000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.447000000 GHz
Center 2.447 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
14.61 dBm/ 35.96 MHz
Power Spectral Density
-60.94 dBm/Hz
MSG
STATUS

Channel 9


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:38:59 PM Nov 12, 2015
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
14.47 dBm/ 35.87 MHz
Power Spectral Density
-61.08 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

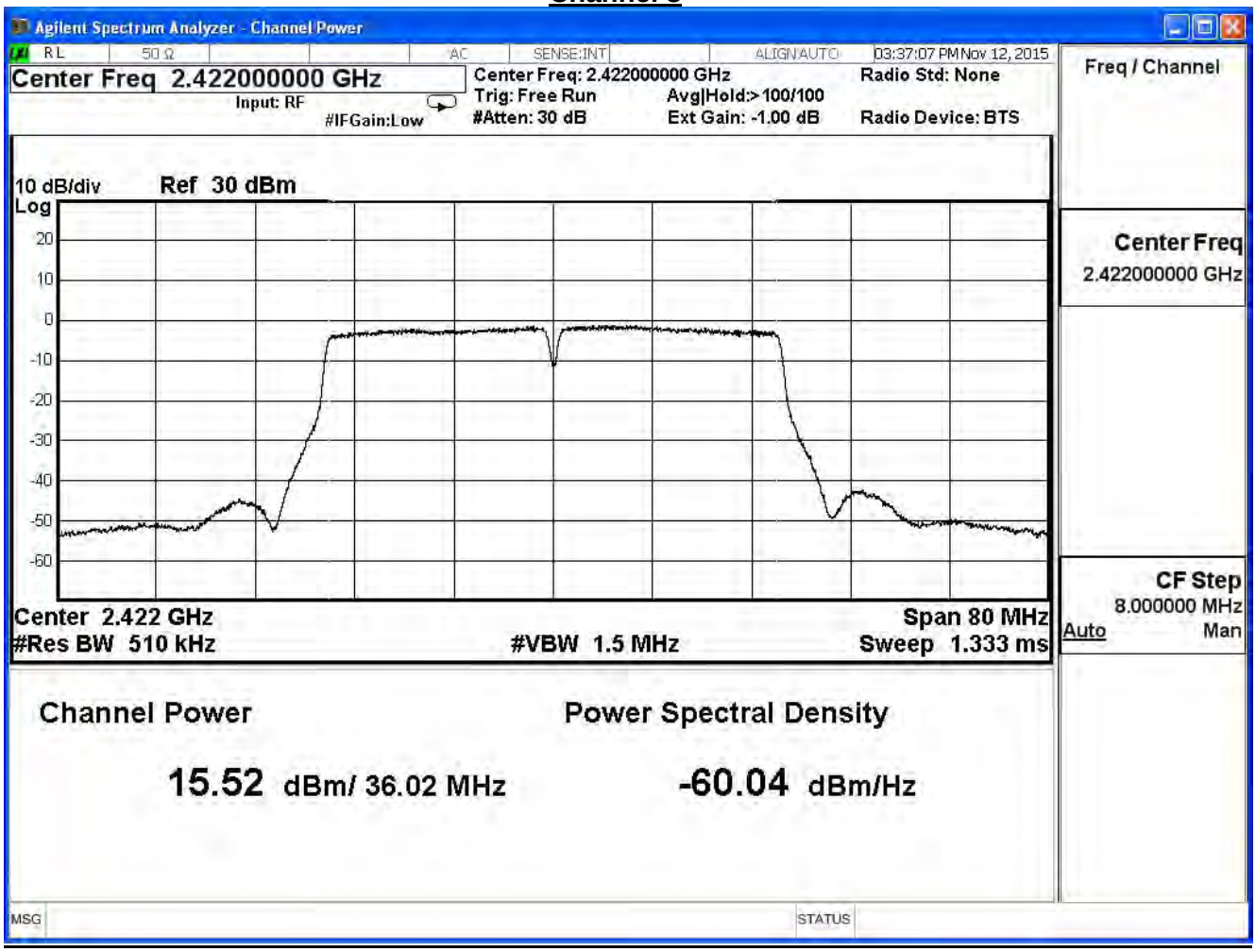
IEEE 802.11n_40M (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.52	≦30
4	2427	15.53	≦30
6	2437	18.17	≦30
8	2447	14.45	≦30
9	2452	14.41	≦30

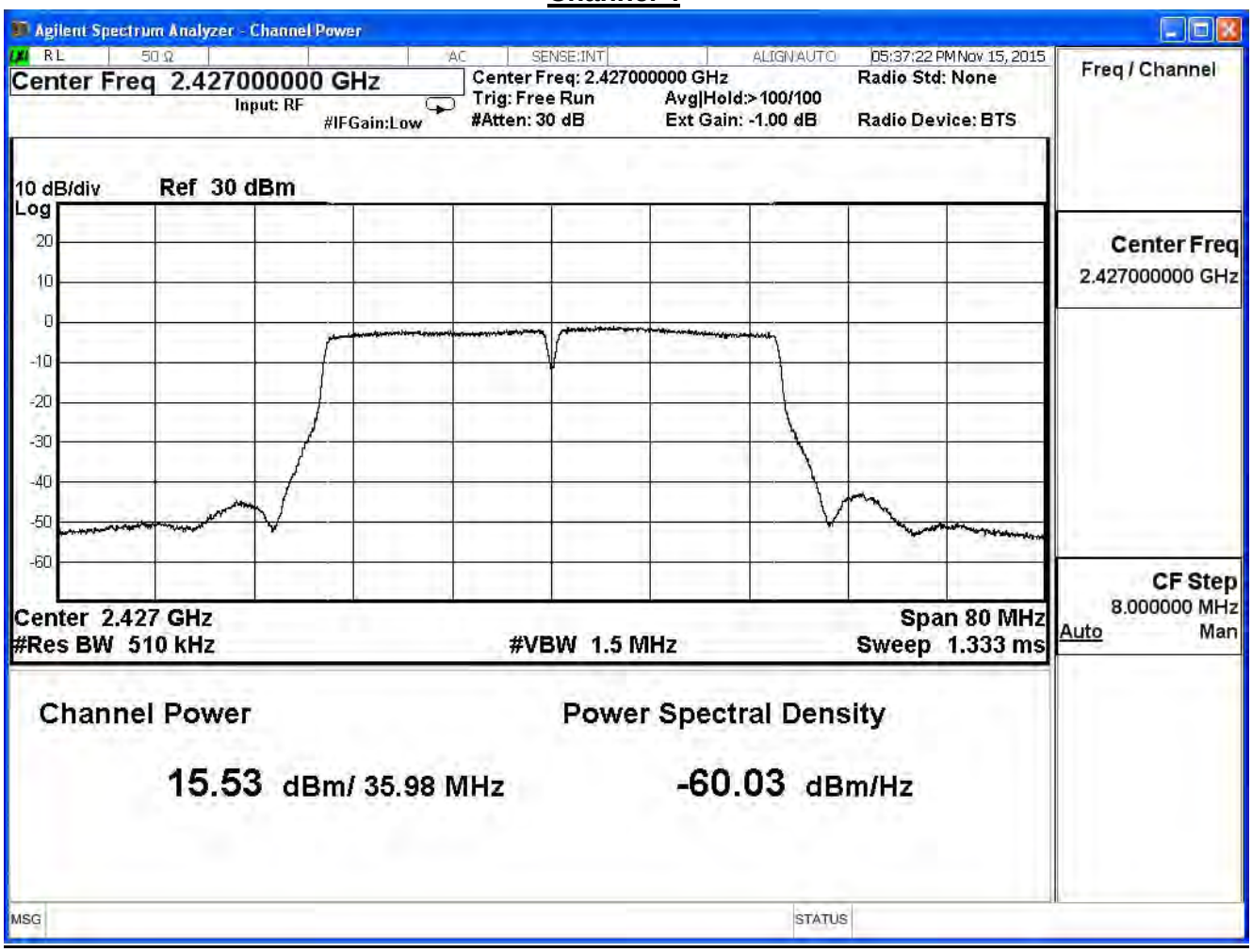
The worst emission of data rate is 13.5 Mbps.

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	15.52	--	--	--	--	--	--	--	≦30
4	2427	15.53	--	--	--	--	--	--	--	≦30
6	2437	18.17	18.07	17.94	17.88	17.81	17.72	17.65	17.59	≦30
8	2447	14.45	--	--	--	--	--	--	--	≦30
9	2452	14.41	--	--	--	--	--	--	--	≦30

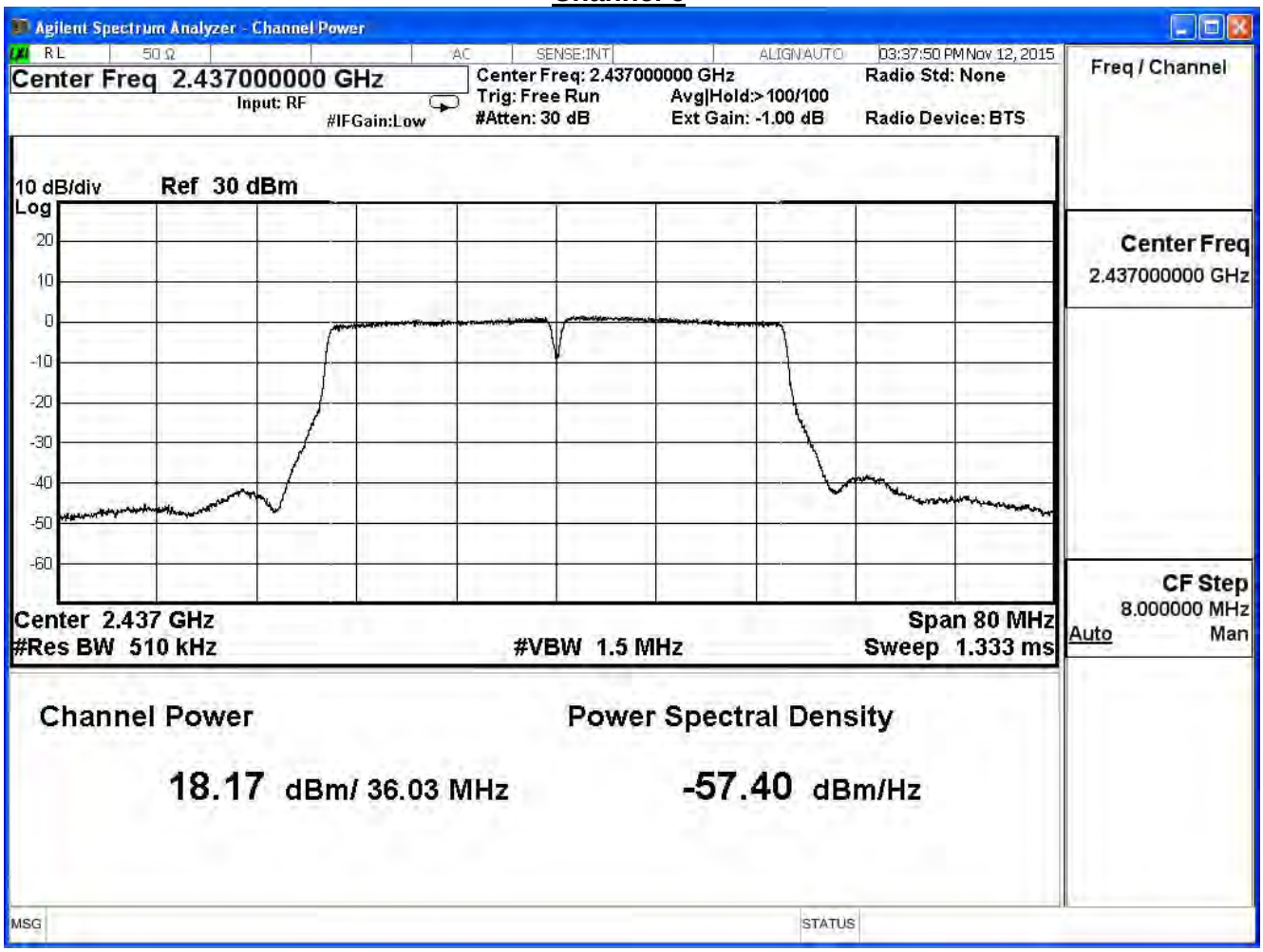
Channel 3


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:37:07 PM Nov 12, 2015
Center Freq 2.422000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.422000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.422000000 GHz
Center 2.422 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
15.52 dBm/ 36.02 MHz
Power Spectral Density
-60.04 dBm/Hz
MSG
STATUS

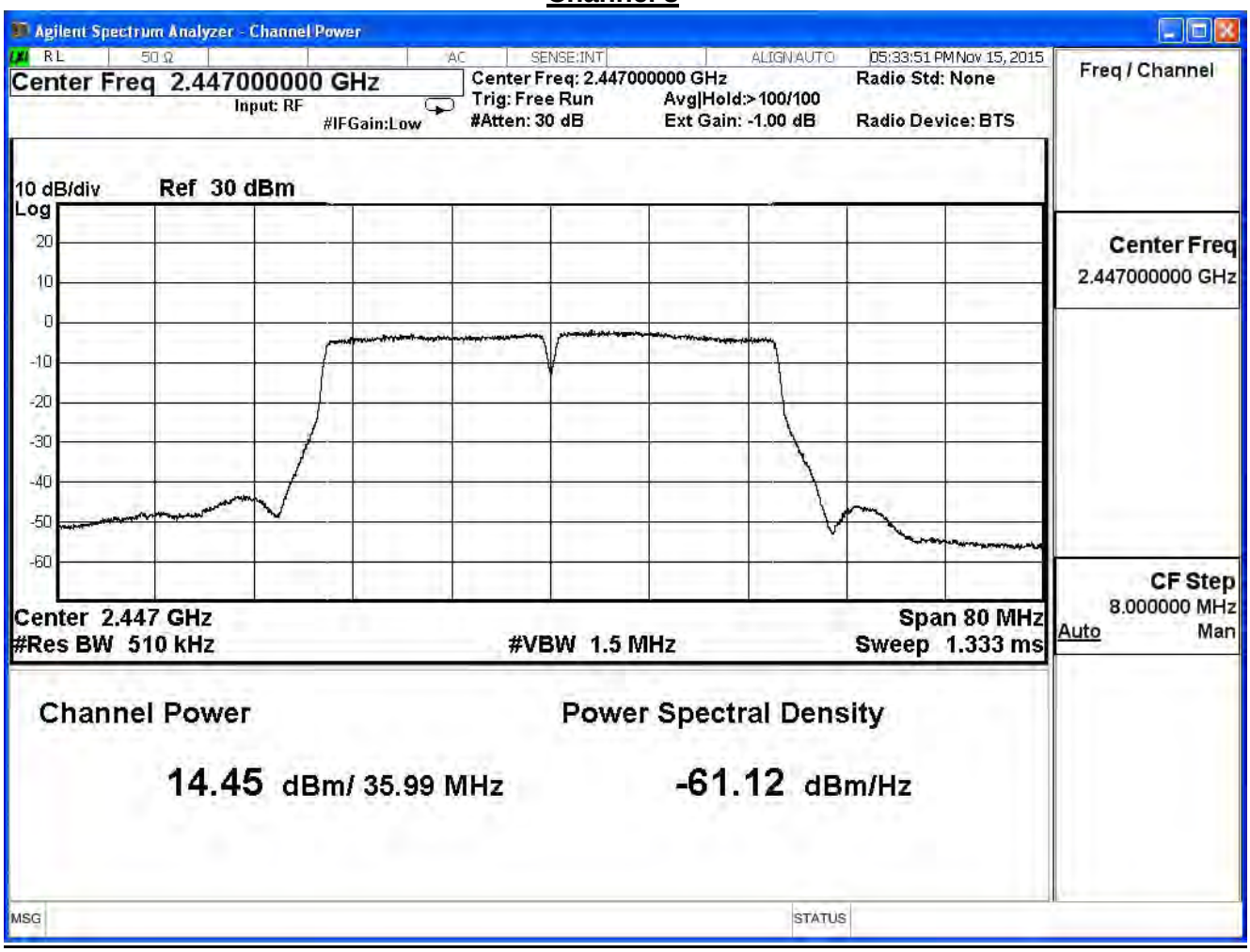
Channel 4


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:37:22 PM Nov 15, 2015
Center Freq 2.427000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.427000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.427000000 GHz
Center 2.427 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
15.53 dBm/ 35.98 MHz
Power Spectral Density
-60.03 dBm/Hz
MSG
STATUS

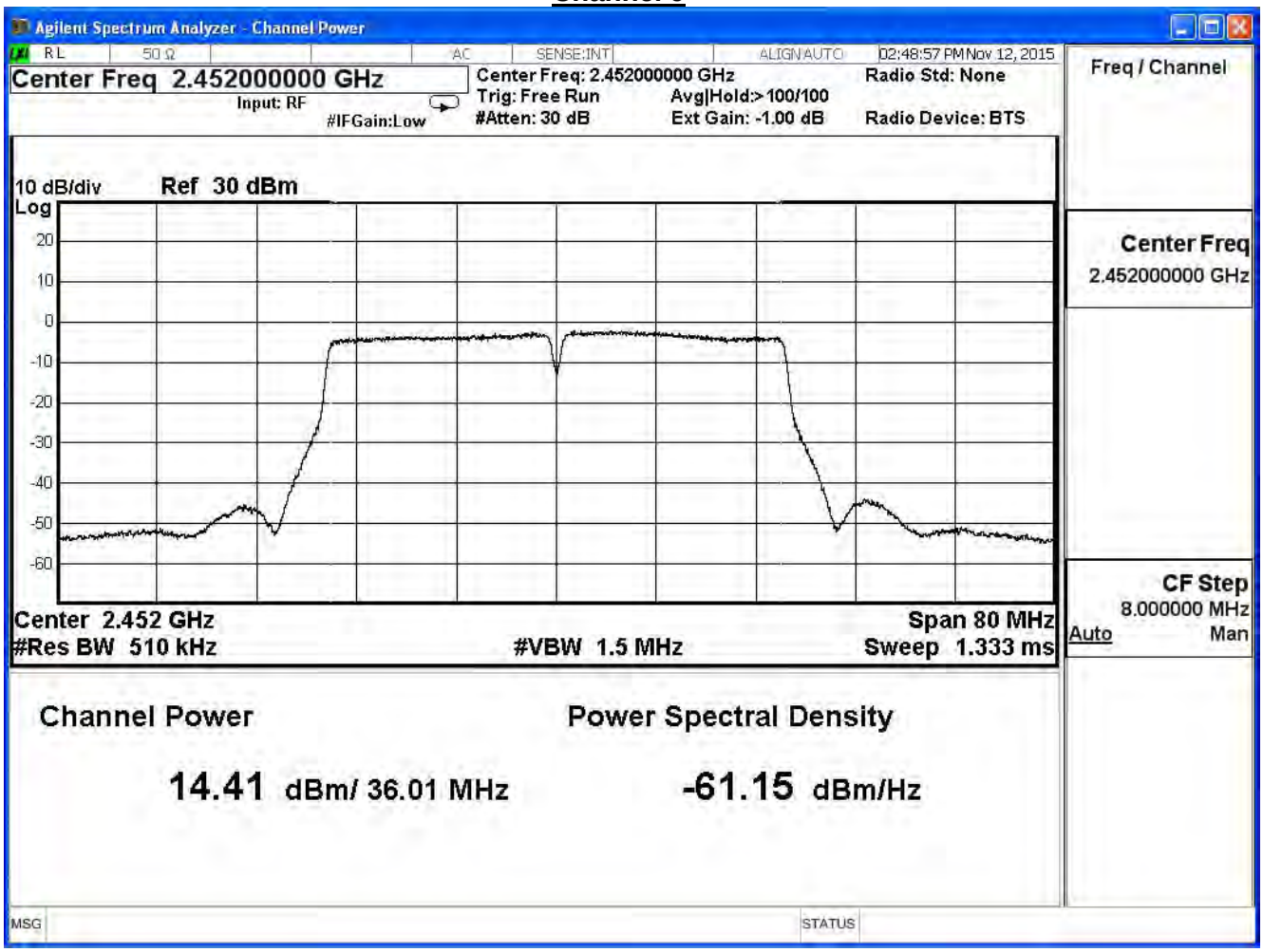
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:37:50 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
18.17 dBm/ 36.03 MHz
Power Spectral Density
-57.40 dBm/Hz
MSG
STATUS

Channel 8


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:33:51 PM Nov 15, 2015
Center Freq 2.447000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.447000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.447000000 GHz
Center 2.447 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
14.45 dBm/ 35.99 MHz
Power Spectral Density
-61.12 dBm/Hz
MSG
STATUS

Channel 9


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:48:57 PM Nov 12, 2015
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
14.41 dBm/ 36.01 MHz
Power Spectral Density
-61.15 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

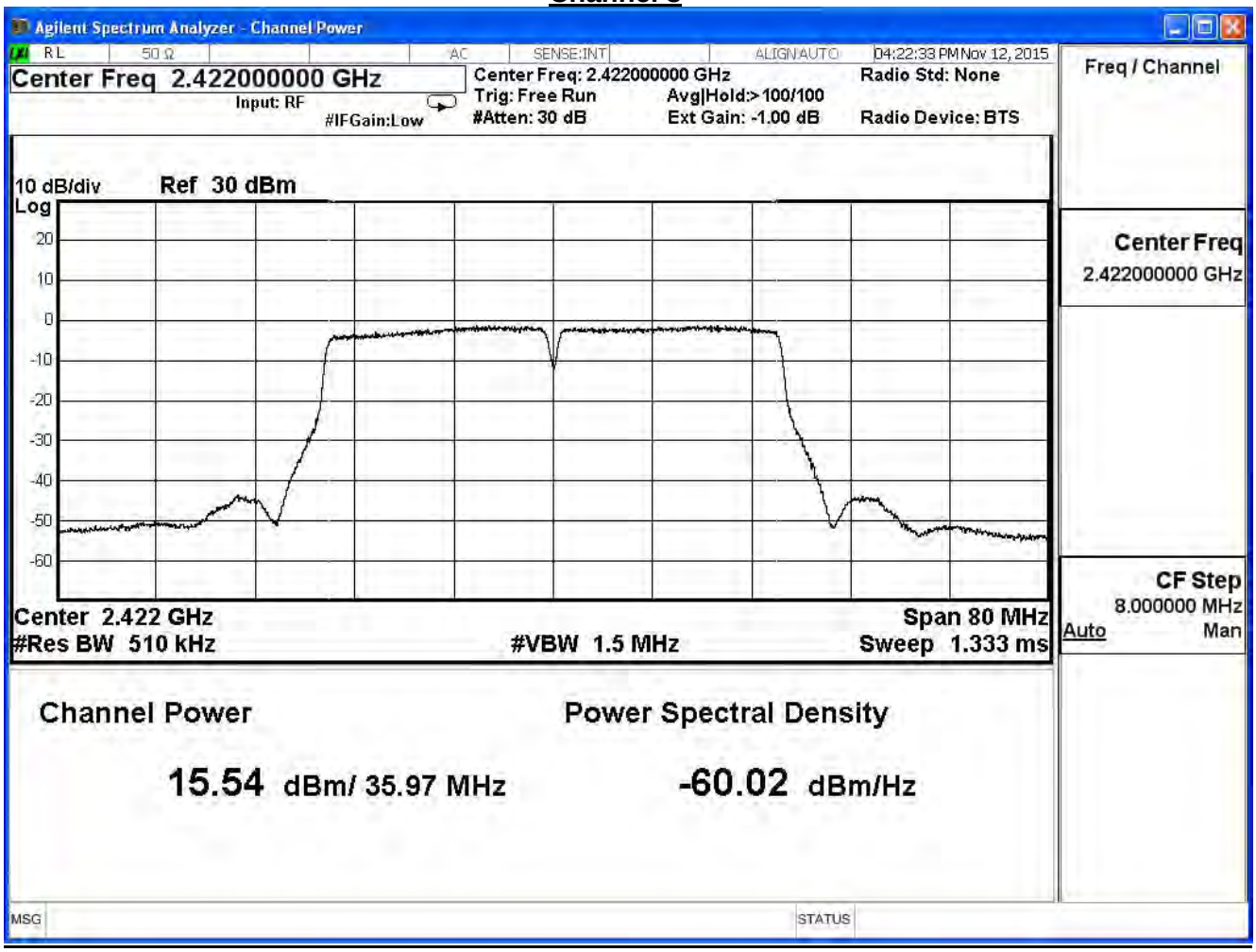
IEEE 802.11n_40M (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.54	≦30
4	2427	15.54	≦30
6	2437	18.46	≦30
8	2447	14.27	≦30
9	2452	14.23	≦30

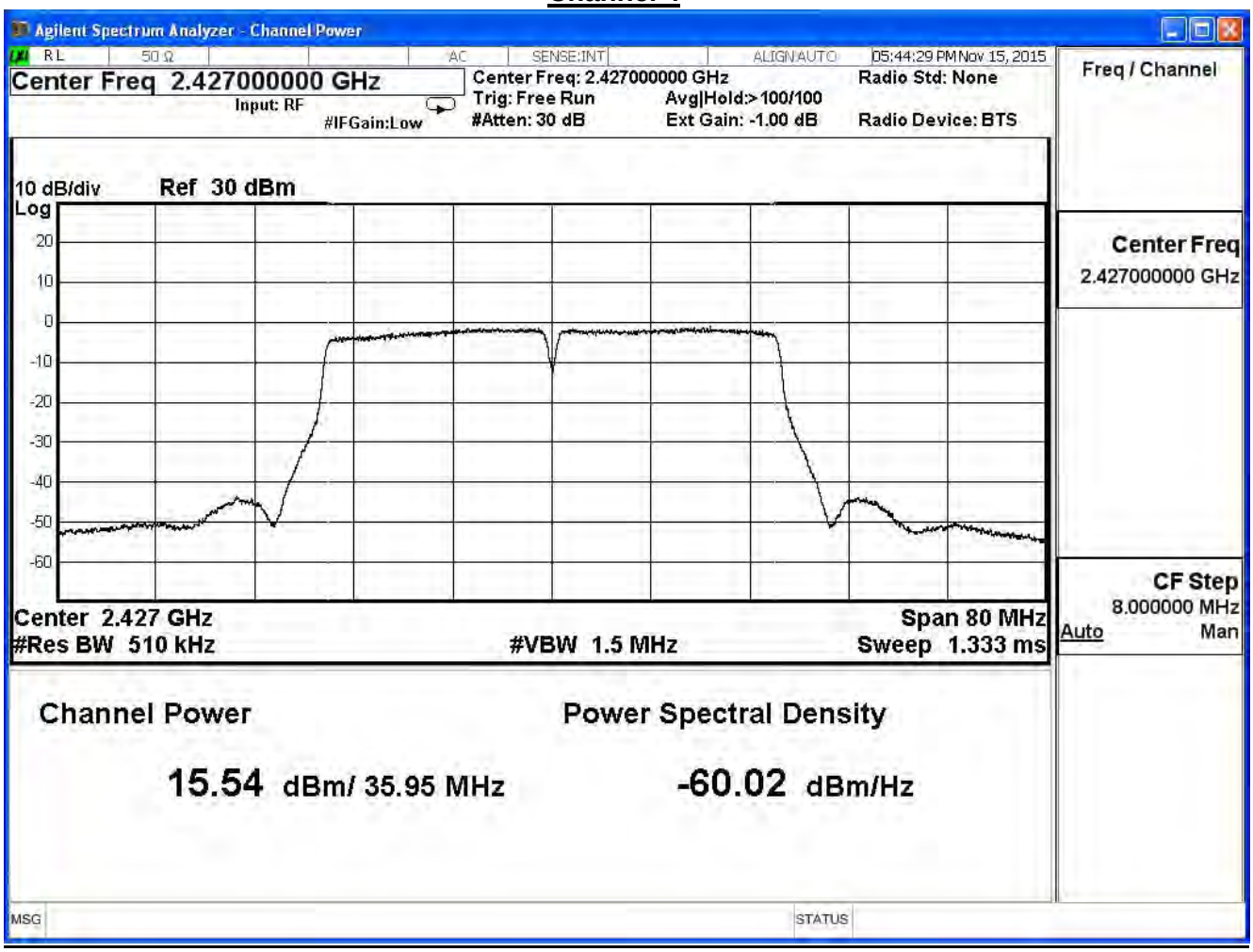
The worst emission of data rate is 13.5 Mbps.

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	15.54	--	--	--	--	--	--	--	≦30
4	2427	15.54	--	--	--	--	--	--	--	≦30
6	2437	18.46	18.38	18.30	18.22	18.14	18.06	17.98	17.91	≦30
8	2447	14.27	--	--	--	--	--	--	--	≦30
9	2452	14.23	--	--	--	--	--	--	--	≦30

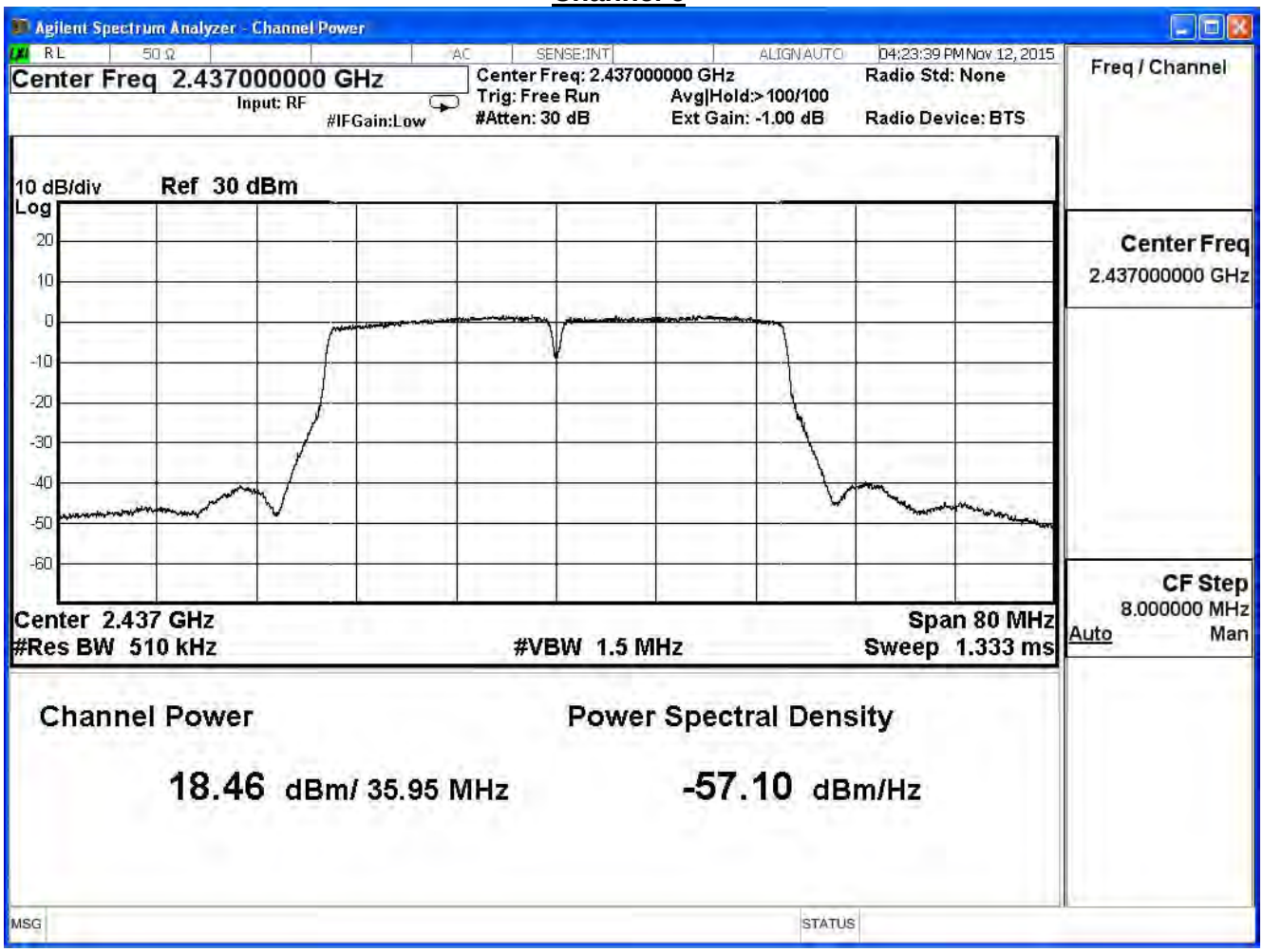
Channel 3


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:22:33 PM Nov 12, 2015
Center Freq 2.422000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.422000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.422000000 GHz
Center 2.422 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
15.54 dBm/ 35.97 MHz
Power Spectral Density
-60.02 dBm/Hz
MSG
STATUS

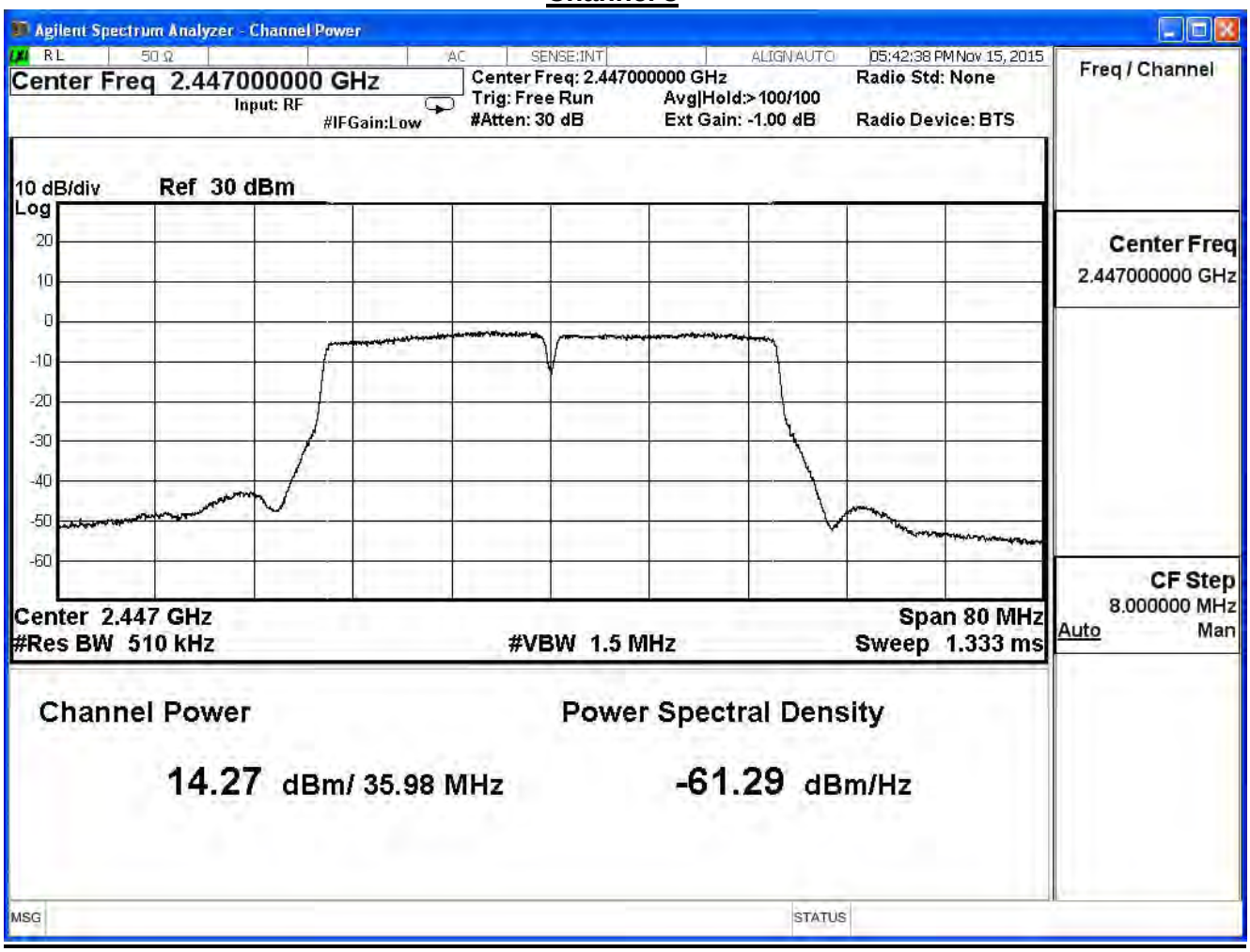
Channel 4


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:44:29 PM Nov 15, 2015
Center Freq 2.427000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.427000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.427000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.427 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
15.54 dBm/ 35.95 MHz
Power Spectral Density
-60.02 dBm/Hz
MSG
STATUS

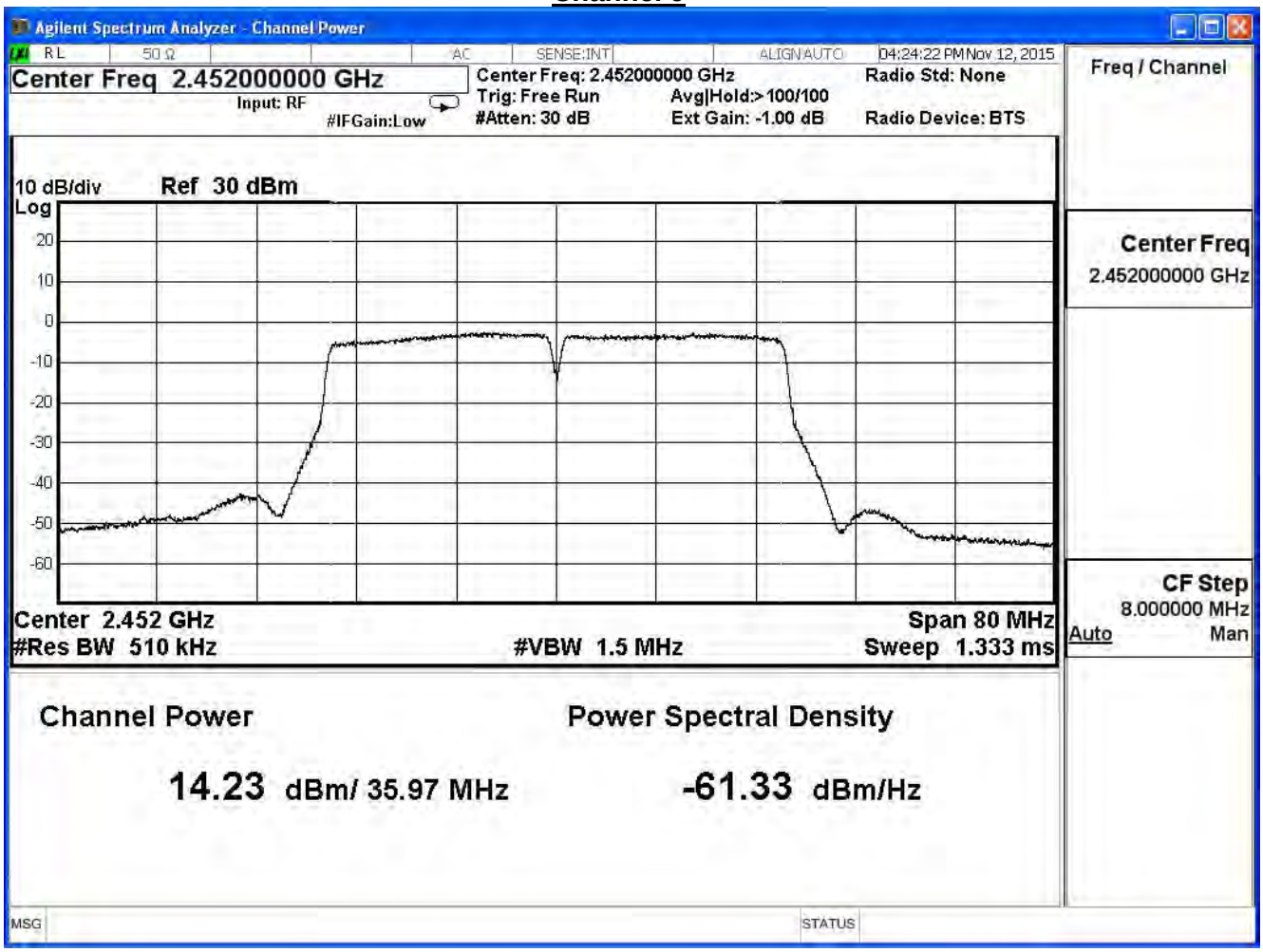
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:23:39 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
18.46 dBm/ 35.95 MHz
Power Spectral Density
-57.10 dBm/Hz
MSG
STATUS

Channel 8


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:42:38 PM Nov 15, 2015
Center Freq 2.447000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.447000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.447000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.447 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
14.27 dBm/ 35.98 MHz
Power Spectral Density
-61.29 dBm/Hz
MSG
STATUS

Channel 9


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:24:22 PM Nov 12, 2015
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
14.23 dBm/ 35.97 MHz
Power Spectral Density
-61.33 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

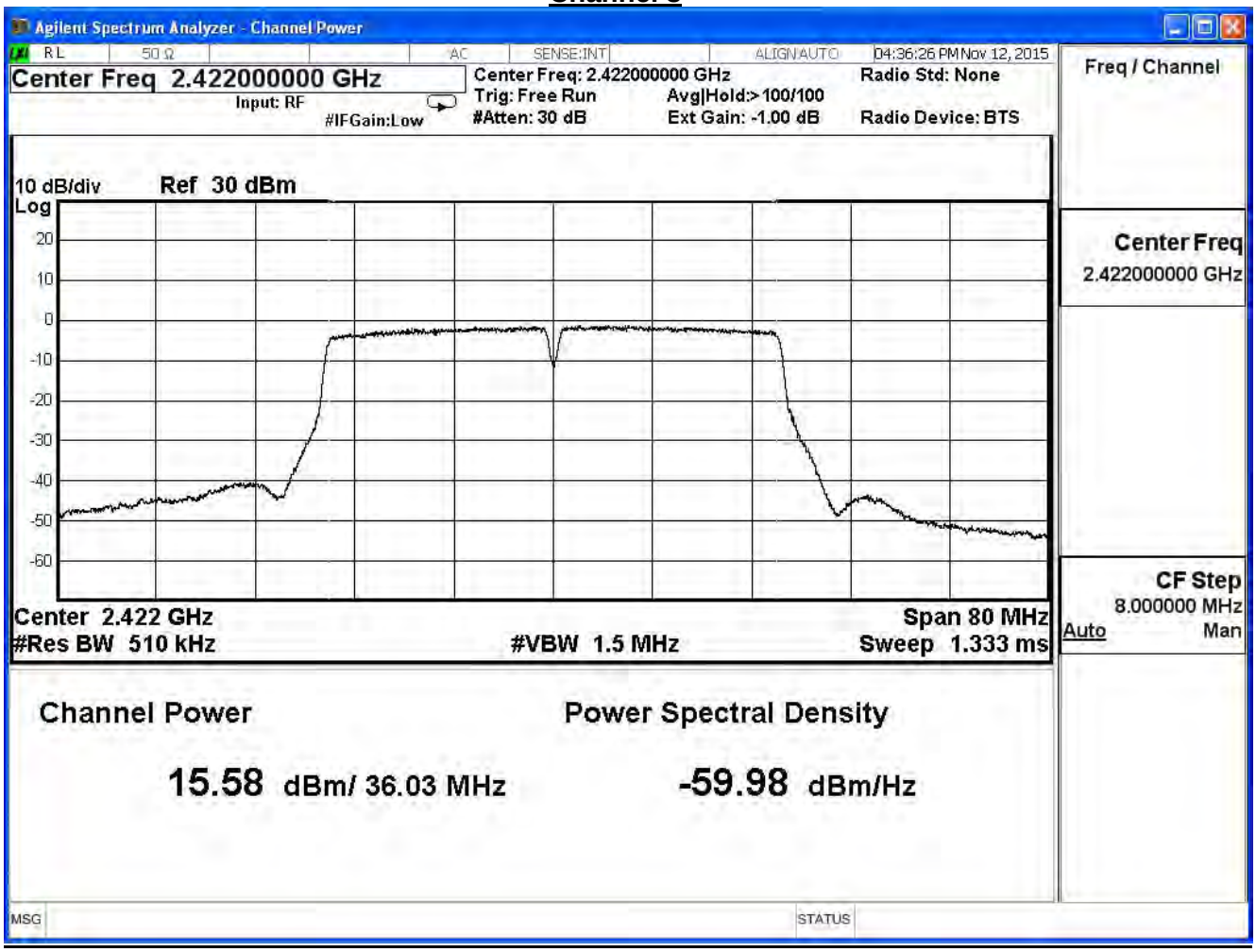
IEEE 802.11n_40M (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	15.58	≦30
4	2427	15.70	≦30
6	2437	18.37	≦30
8	2447	14.41	≦30
9	2452	14.40	≦30

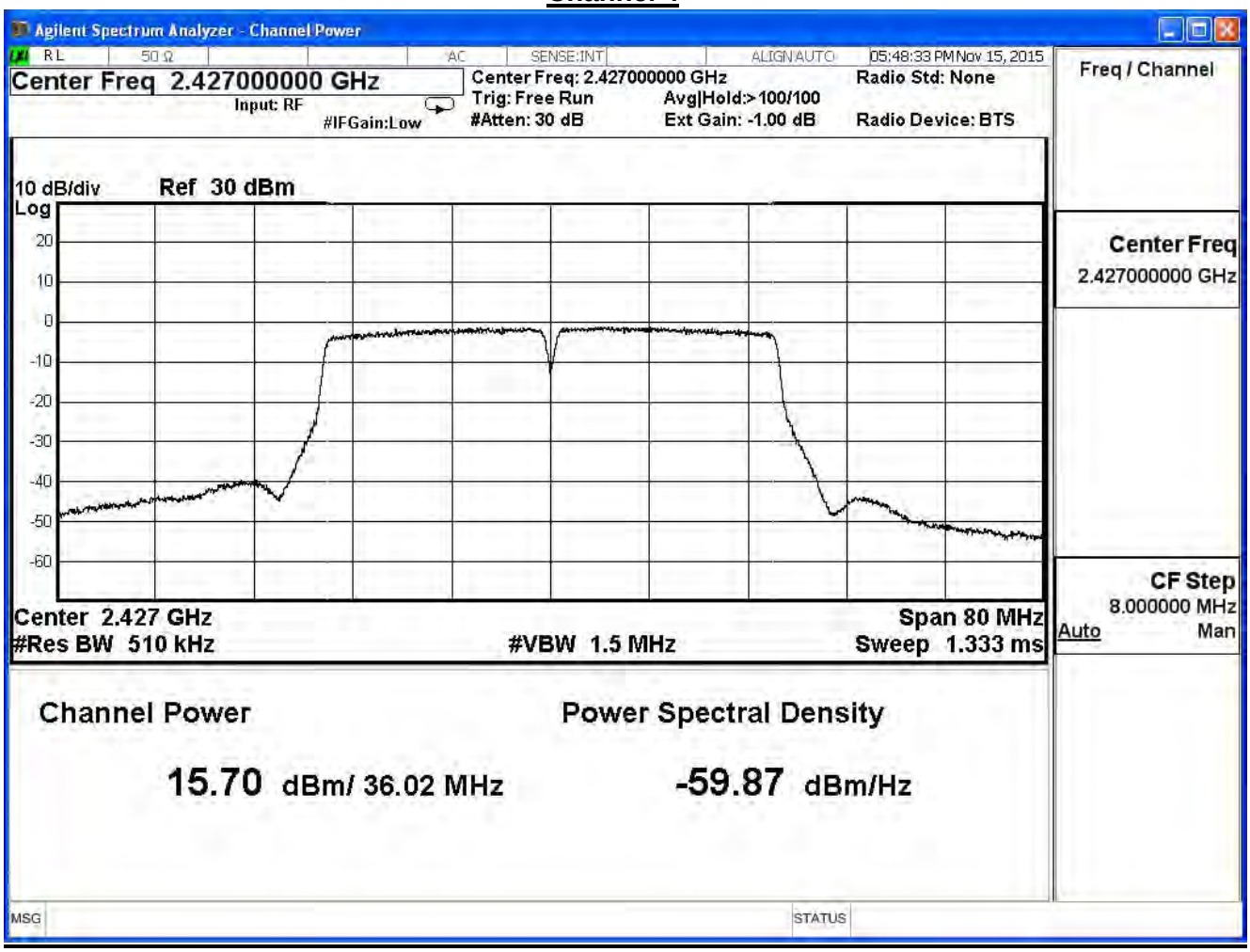
The worst emission of data rate is 13.5 Mbps.

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	15.58	--	--	--	--	--	--	--	≦30
4	2427	15.70	--	--	--	--	--	--	--	≦30
6	2437	18.37	18.27	18.21	18.15	18.09	18.02	17.94	17.89	≦30
8	2447	14.41	--	--	--	--	--	--	--	≦30
9	2452	14.40	--	--	--	--	--	--	--	≦30

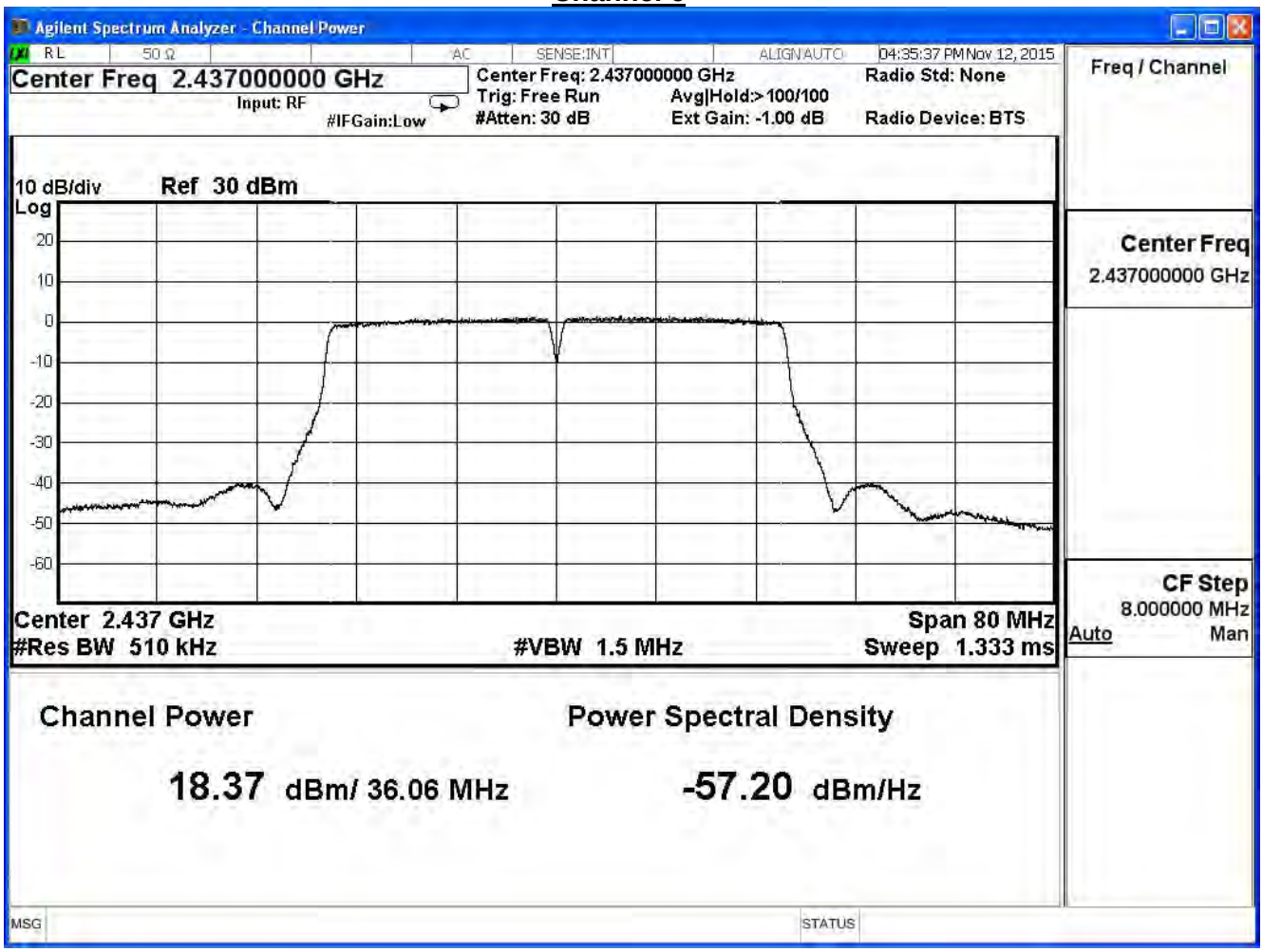
Channel 3


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:36:26 PM Nov 12, 2015
Center Freq 2.422000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.422000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.422000000 GHz
Center 2.422 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
15.58 dBm/ 36.03 MHz
Power Spectral Density
-59.98 dBm/Hz
MSG
STATUS

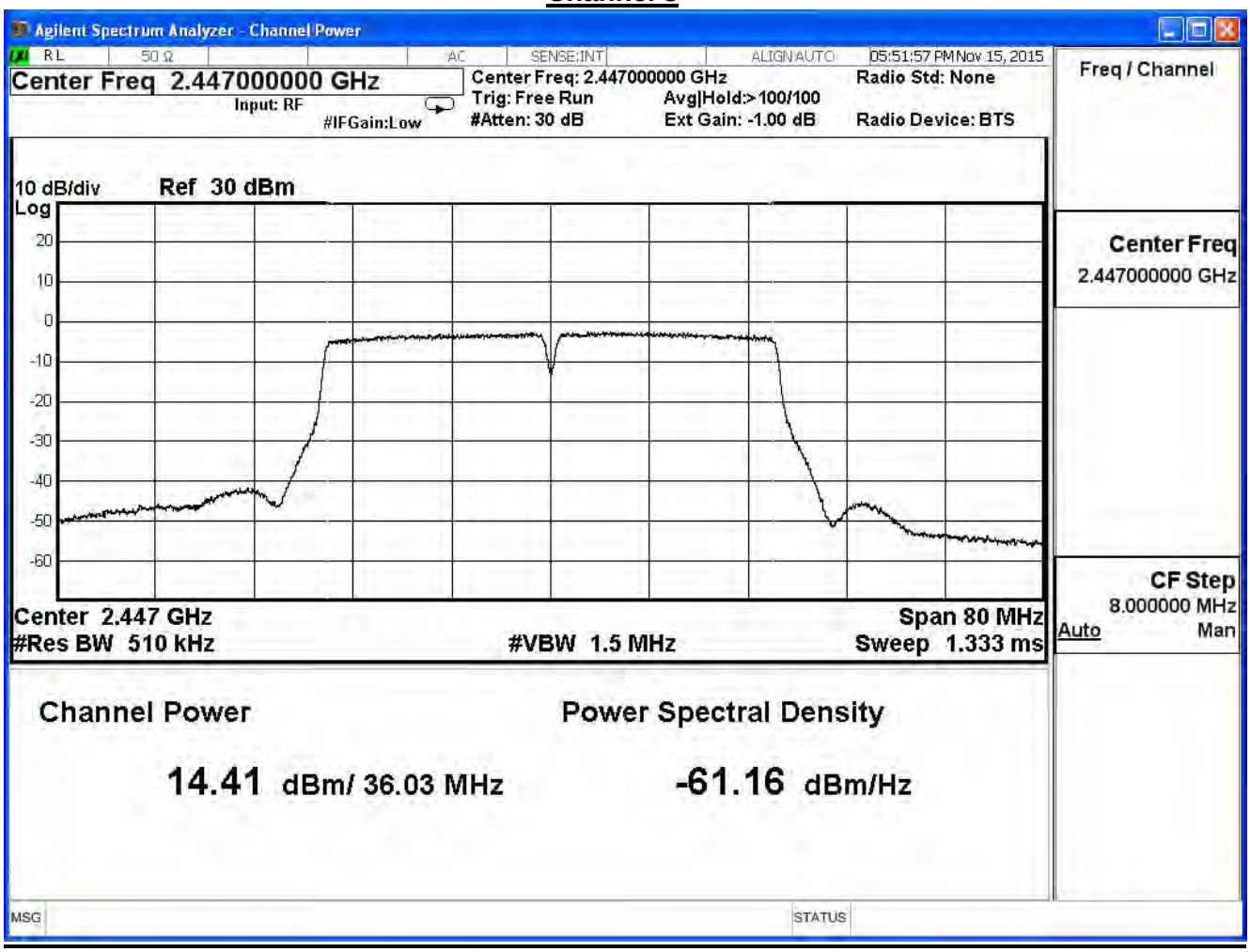
Channel 4


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:48:33 PM Nov 15, 2015
Center Freq 2.427000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.427000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.427000000 GHz
Center 2.427 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
15.70 dBm/ 36.02 MHz
Power Spectral Density
-59.87 dBm/Hz
MSG
STATUS

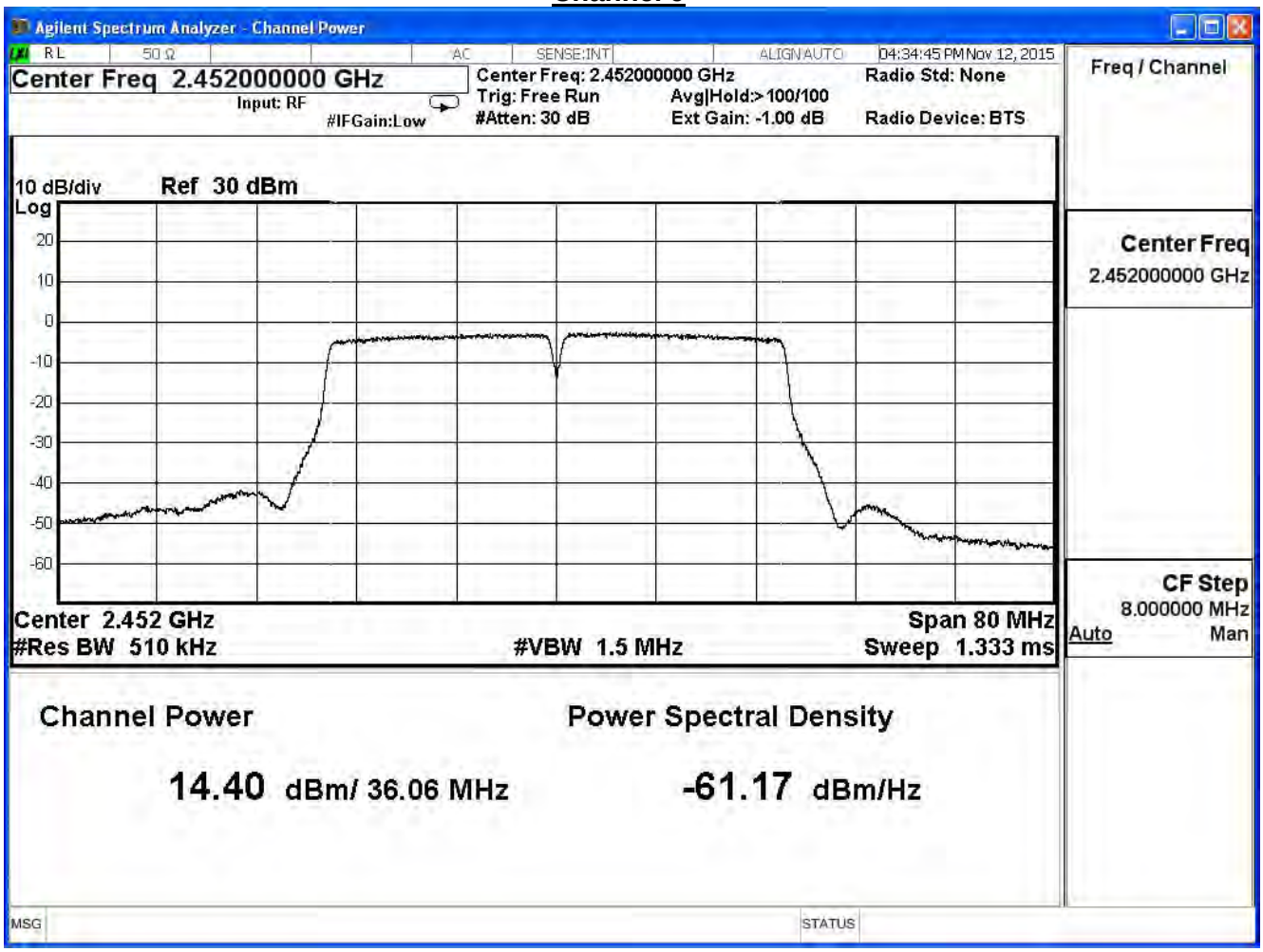
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:35:37 PM Nov 12, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
18.37 dBm/ 36.06 MHz
Power Spectral Density
-57.20 dBm/Hz
MSG
STATUS

Channel 8


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:51:57 PM Nov 15, 2015
Center Freq 2.447000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.447000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.447000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.447 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
14.41 dBm/ 36.03 MHz
Power Spectral Density
-61.16 dBm/Hz
MSG
STATUS

Channel 9


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:34:45 PM Nov 12, 2015
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.452000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
14.40 dBm/ 36.06 MHz
Power Spectral Density
-61.17 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/15	Test Site	SR7

IEEE 802.11n_40M (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.62	≦30
4	2427	21.71	≦30
6	2437	24.37	≦30
8	2447	20.46	≦30
9	2452	20.40	≦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	21.62	--	--	--	--	--	--	--	≦30
4	2427	21.71	--	--	--	--	--	--	--	≦30
6	2437	24.37	24.25	24.16	24.08	23.97	23.85	23.76	23.68	≦30
8	2447	20.46	--	--	--	--	--	--	--	≦30
9	2452	20.40	--	--	--	--	--	--	--	≦30

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

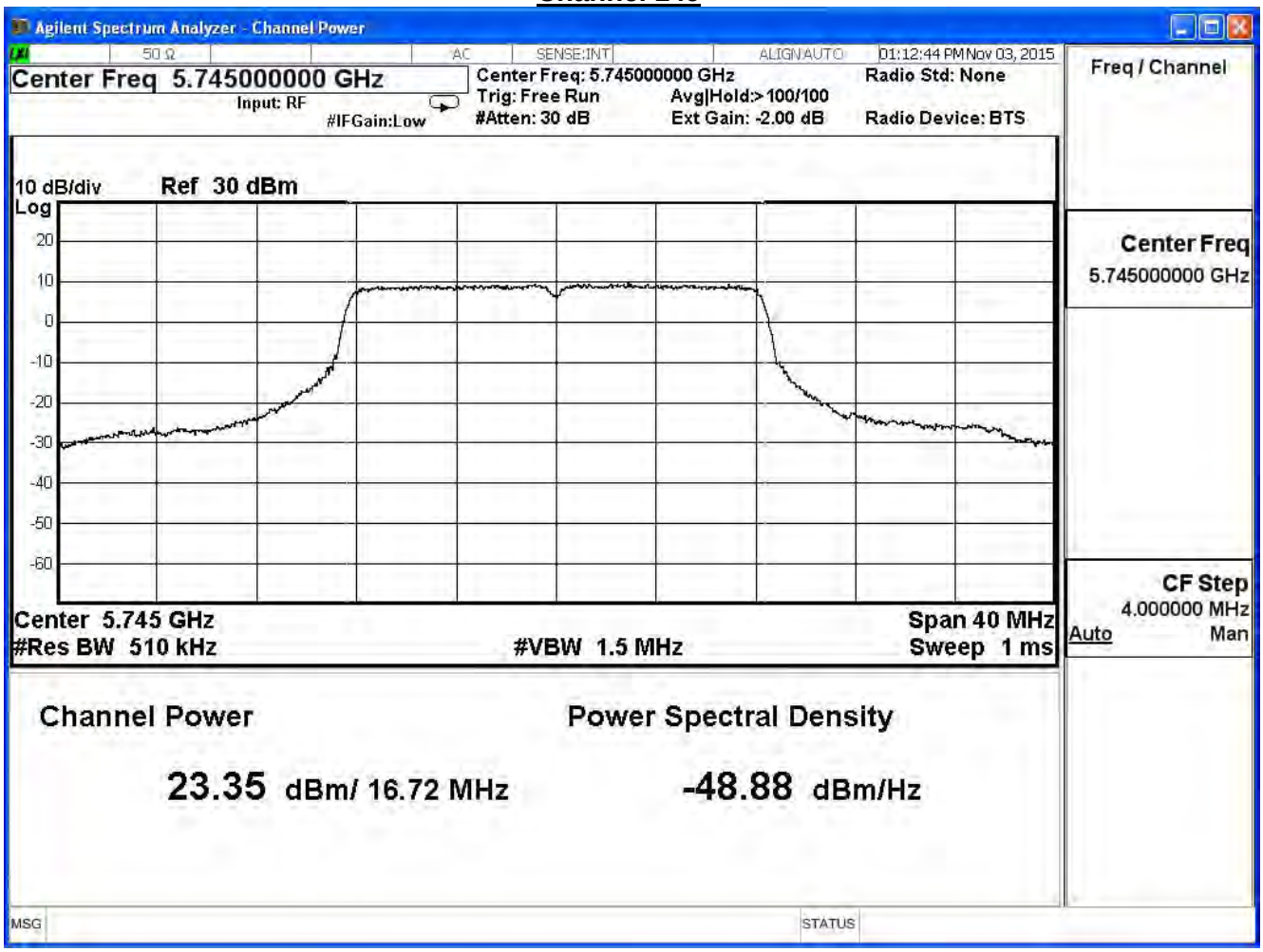
IEEE 802.11a (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	23.35	≤30
157	5785	23.38	≤30
165	5825	23.65	≤30

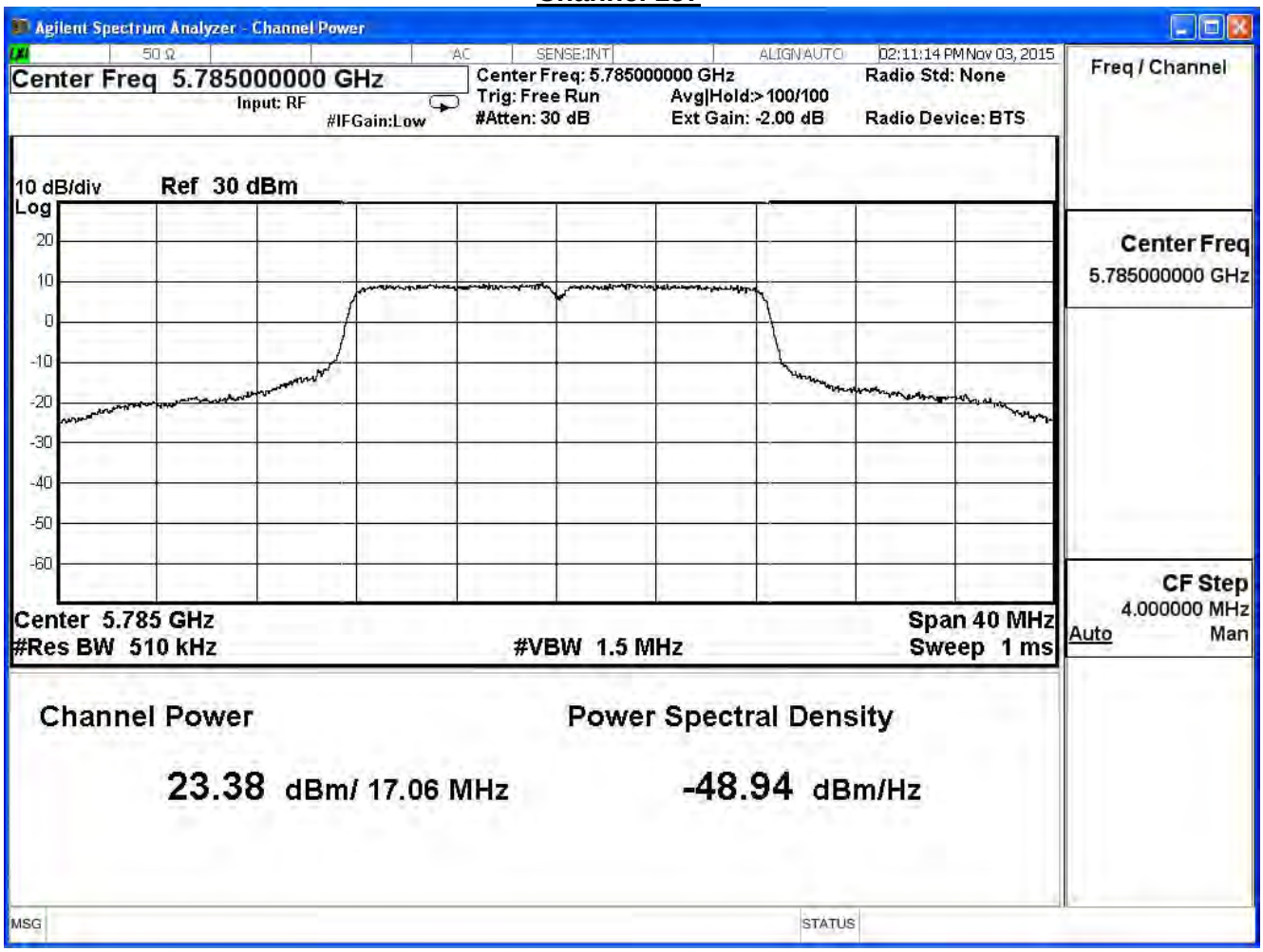
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.35	--	--	--	--	--	--	≤30dBm
157	5785	23.38	23.16	22.96	22.86	22.74	22.50	22.20	
165	5825	23.65	--	--	--	--	--	--	

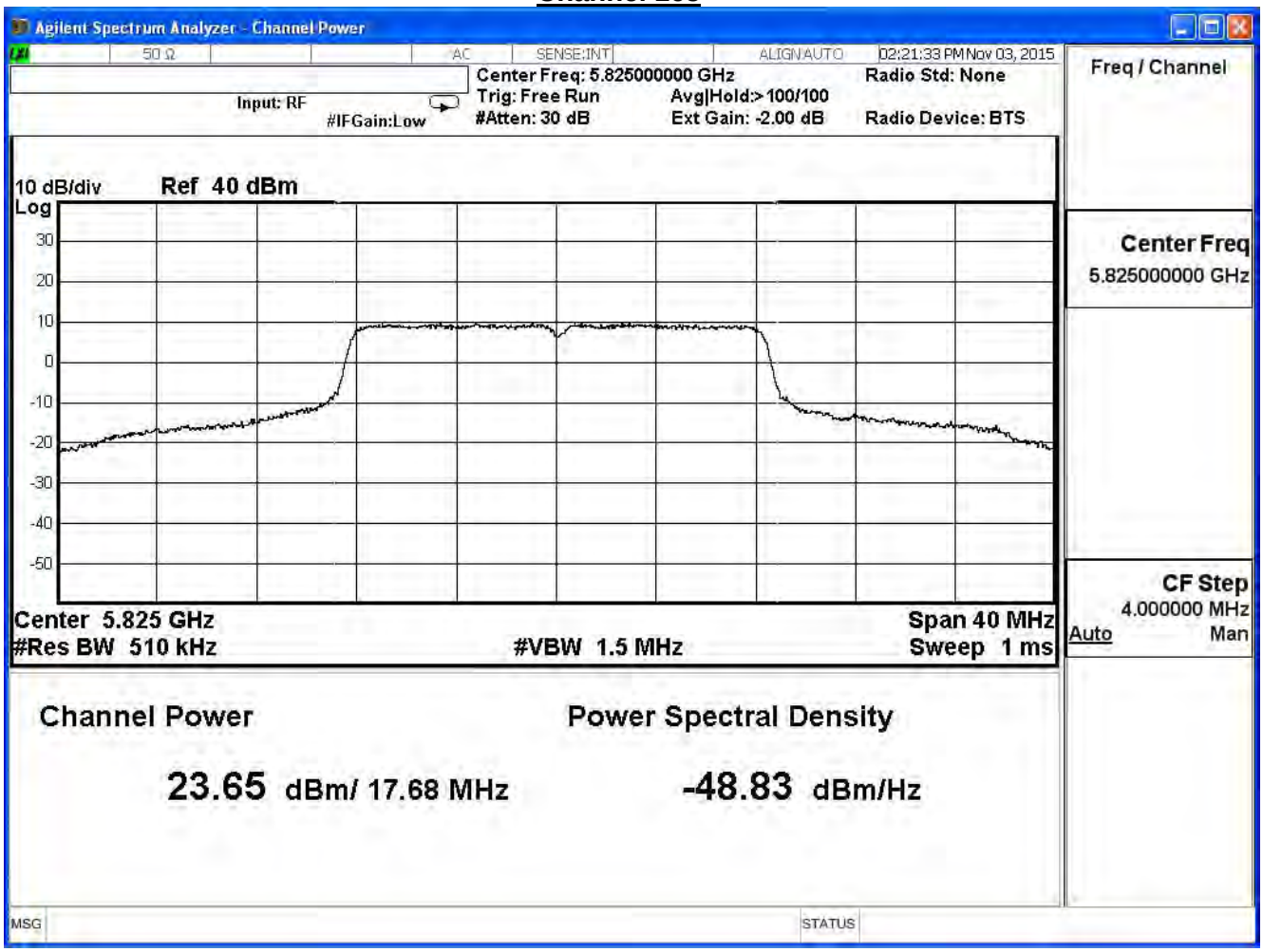
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:12:44 PM Nov 03, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.745000000 GHz
Center 5.745 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.35 dBm/ 16.72 MHz
Power Spectral Density
-48.88 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:11:14 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.38 dBm/ 17.06 MHz
Power Spectral Density
-48.94 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:21:33 PM Nov 03, 2015
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Input: RF
#IFGain:Low
Freq / Channel
Center Freq
5.825000000 GHz
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.65 dBm/ 17.68 MHz
Power Spectral Density
-48.83 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

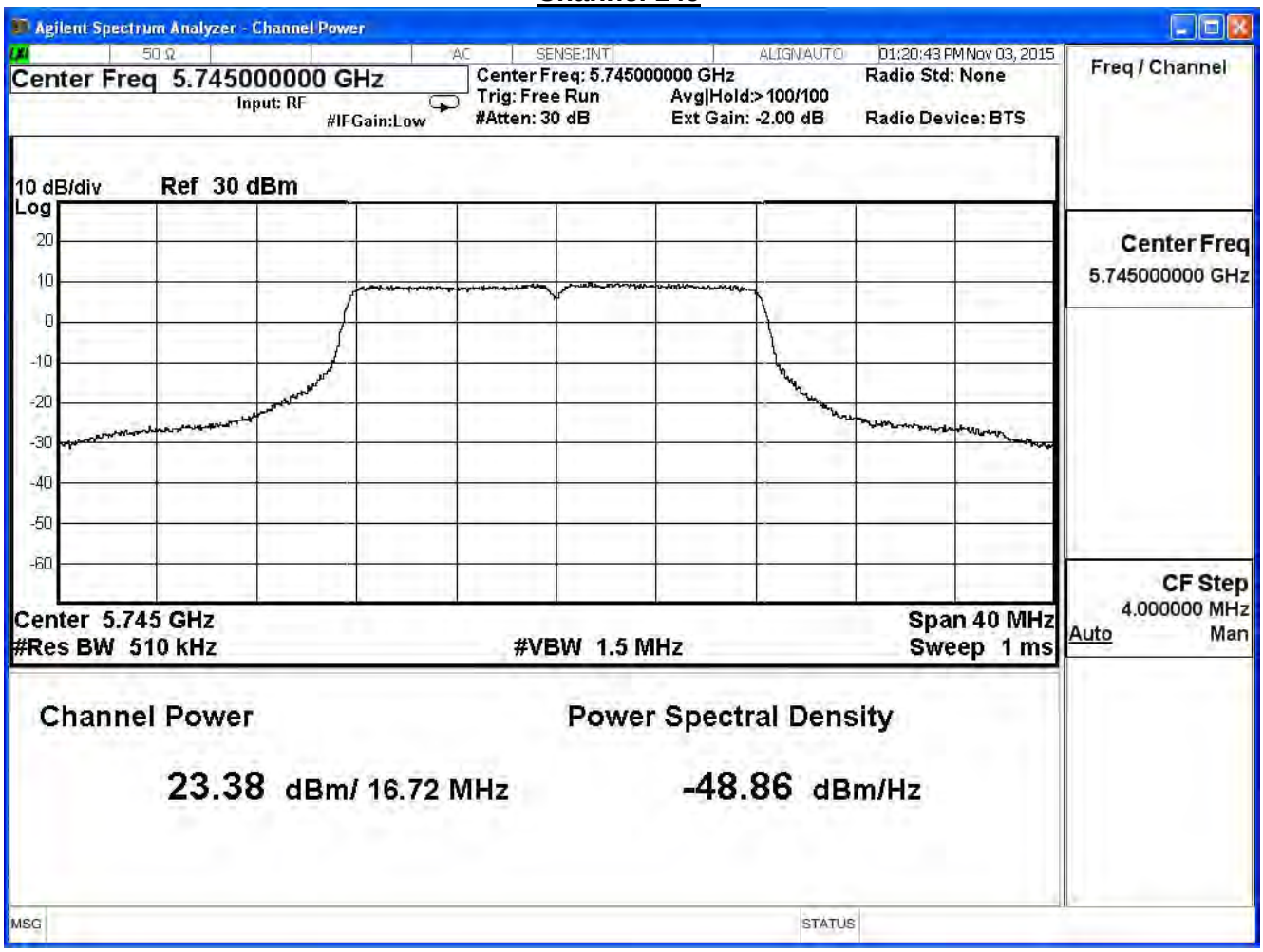
IEEE 802.11a (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	23.38	≤30
157	5785	23.53	≤30
165	5825	23.60	≤30

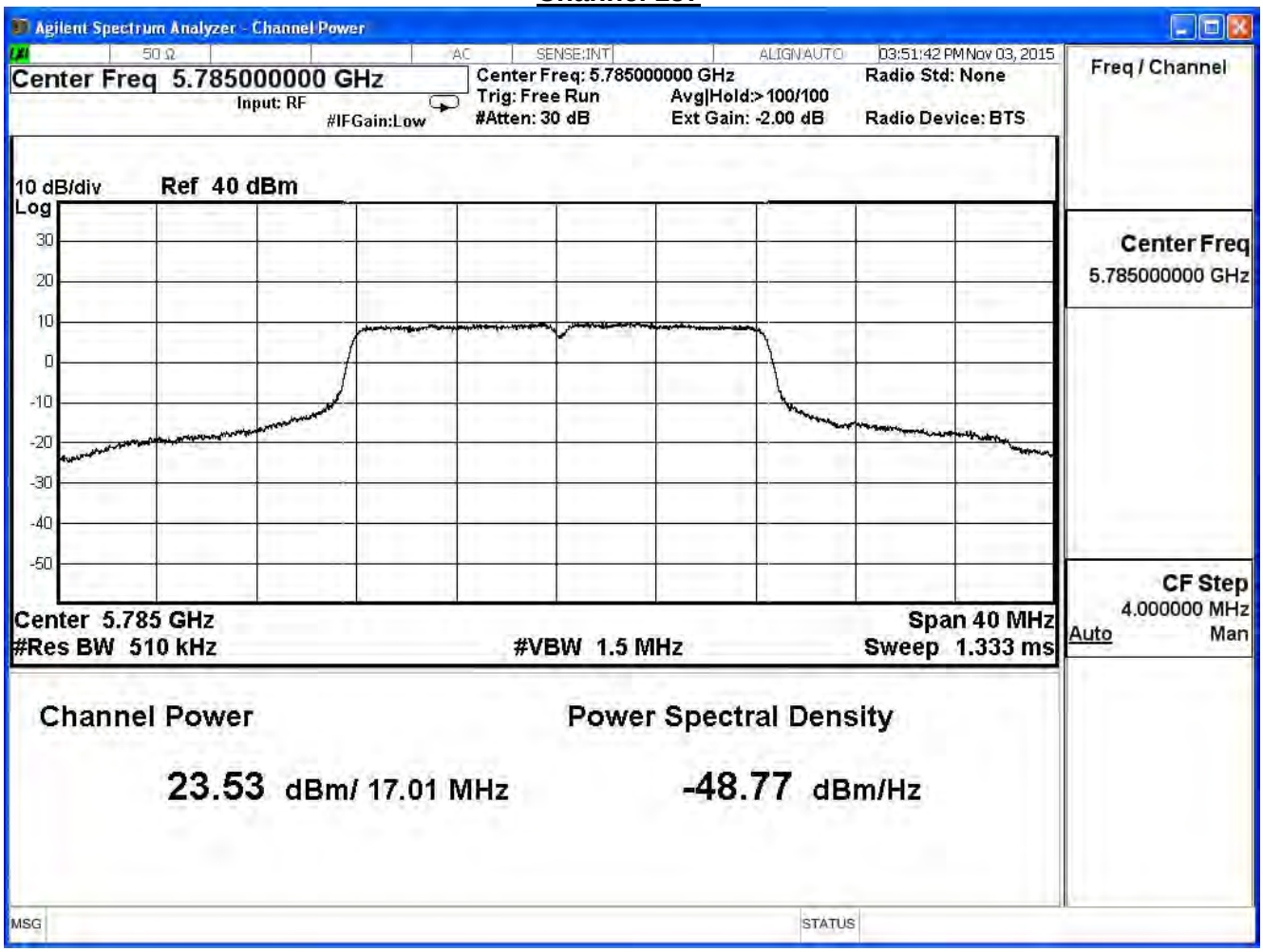
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.38	--	--	--	--	--	--	≤30dBm
157	5785	23.53	23.33	23.21	23.11	23.01	22.88	22.76	
165	5825	23.60	--	--	--	--	--	--	

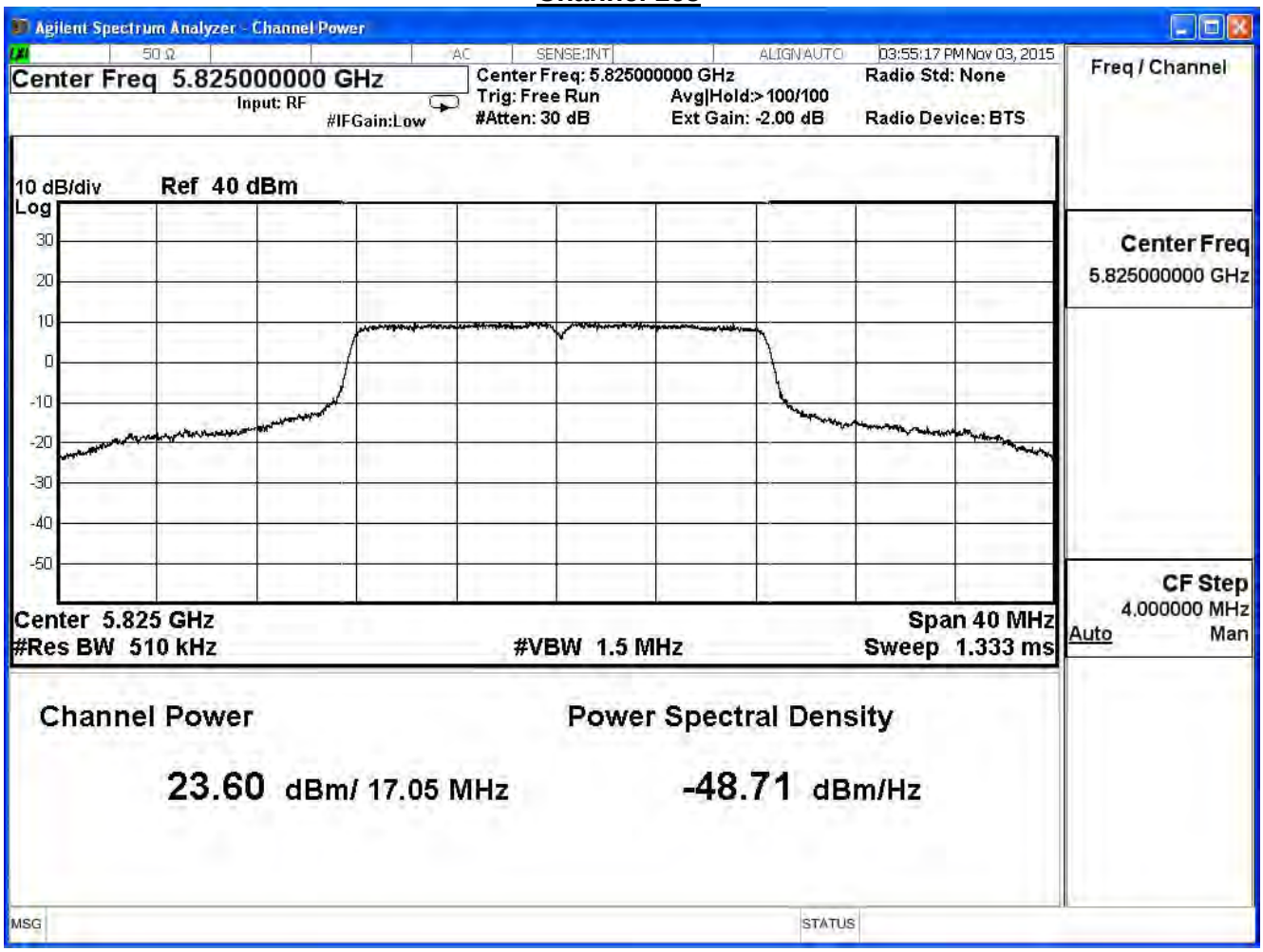
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:20:43 PM Nov 03, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.745000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.745 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
23.38 dBm/ 16.72 MHz
Power Spectral Density
-48.86 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:51:42 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.53 dBm/ 17.01 MHz
Power Spectral Density
-48.77 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:55:17 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.825000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.60 dBm/ 17.05 MHz
Power Spectral Density
-48.71 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

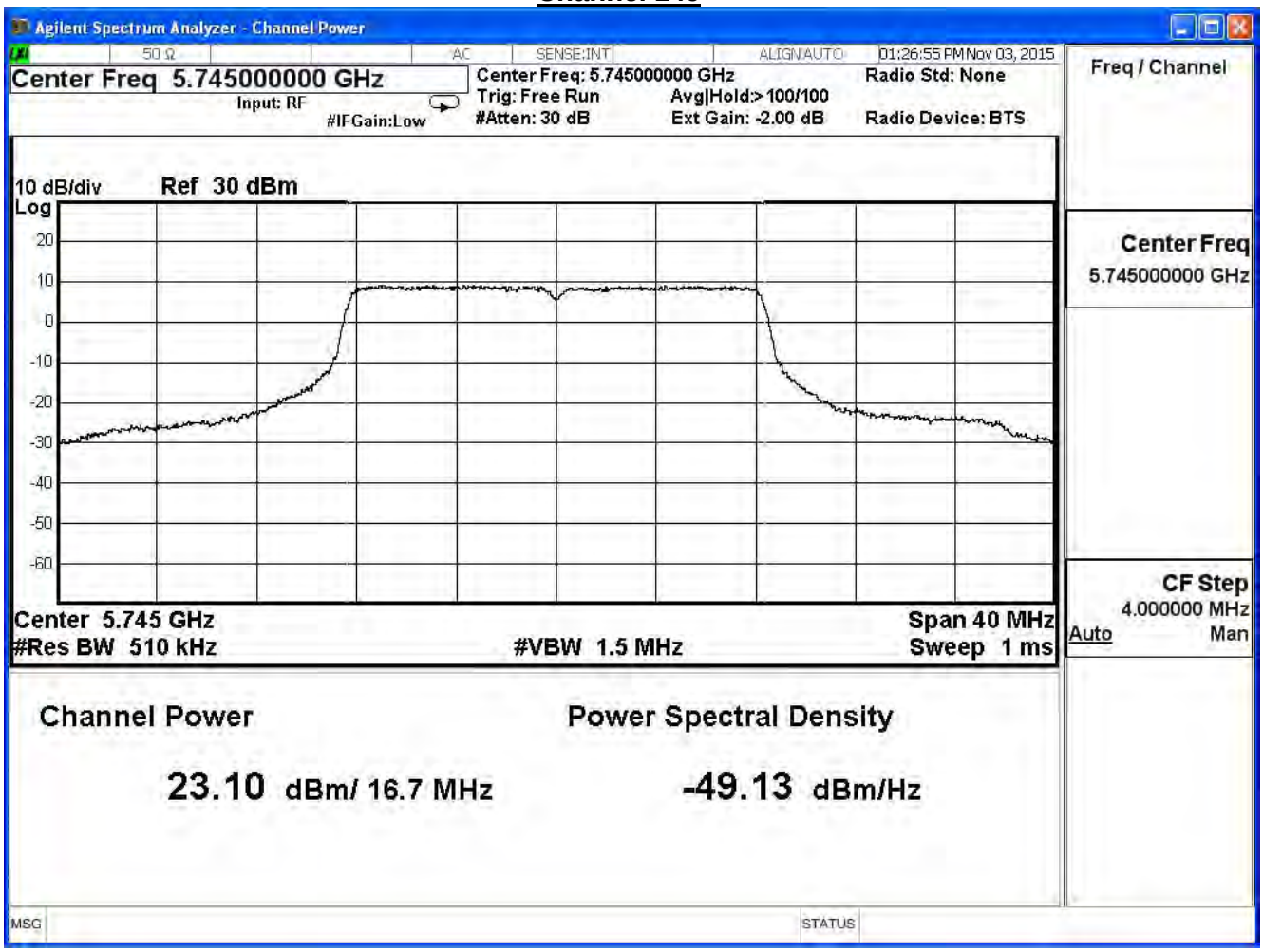
IEEE 802.11a (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	23.10	≤30
157	5785	23.15	≤30
165	5825	23.12	≤30

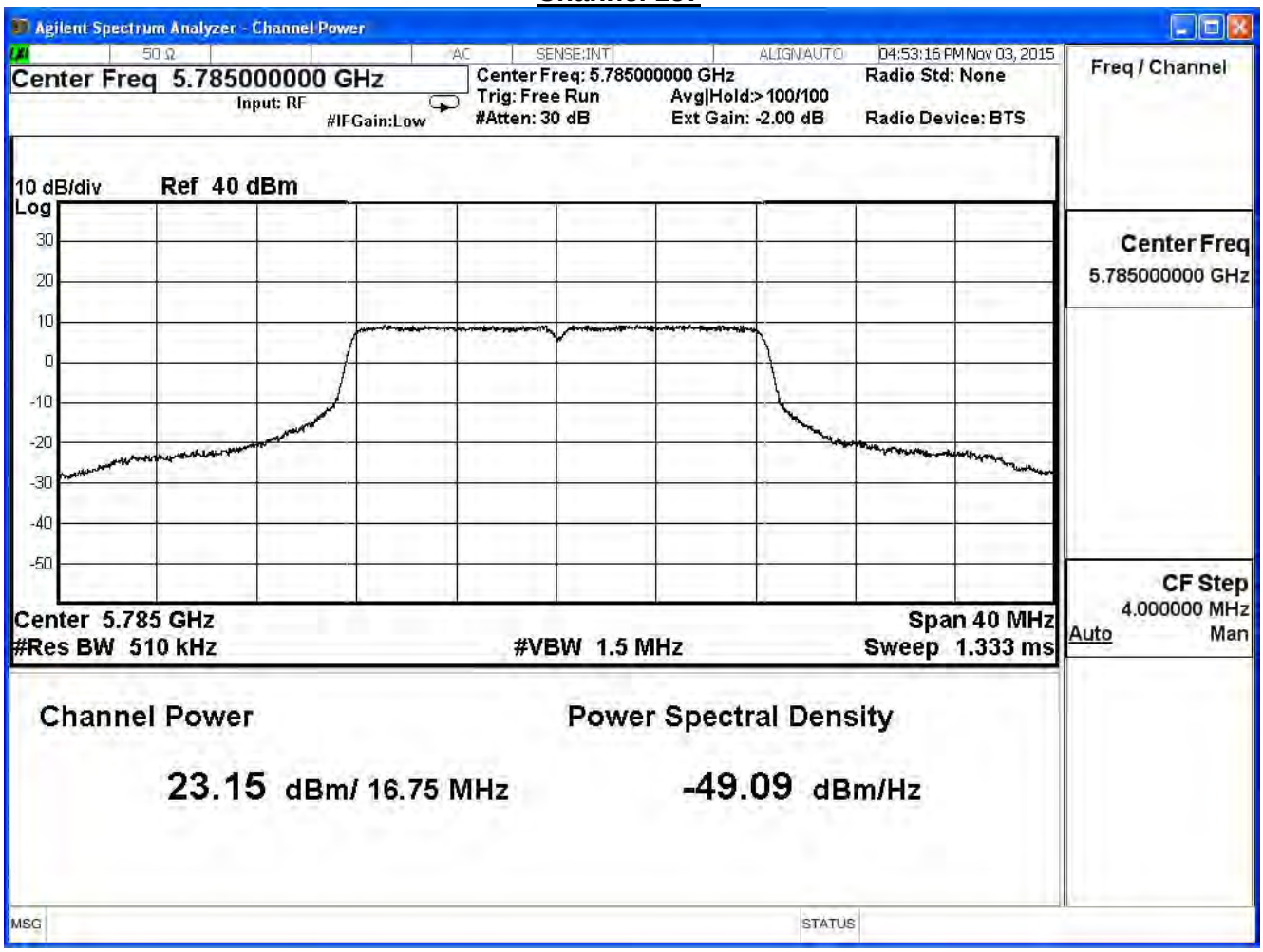
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.10	--	--	--	--	--	--	≤30dBm
157	5785	23.15	23.05	22.95	22.71	22.51	22.39	22.27	
165	5825	23.12	--	--	--	--	--	--	

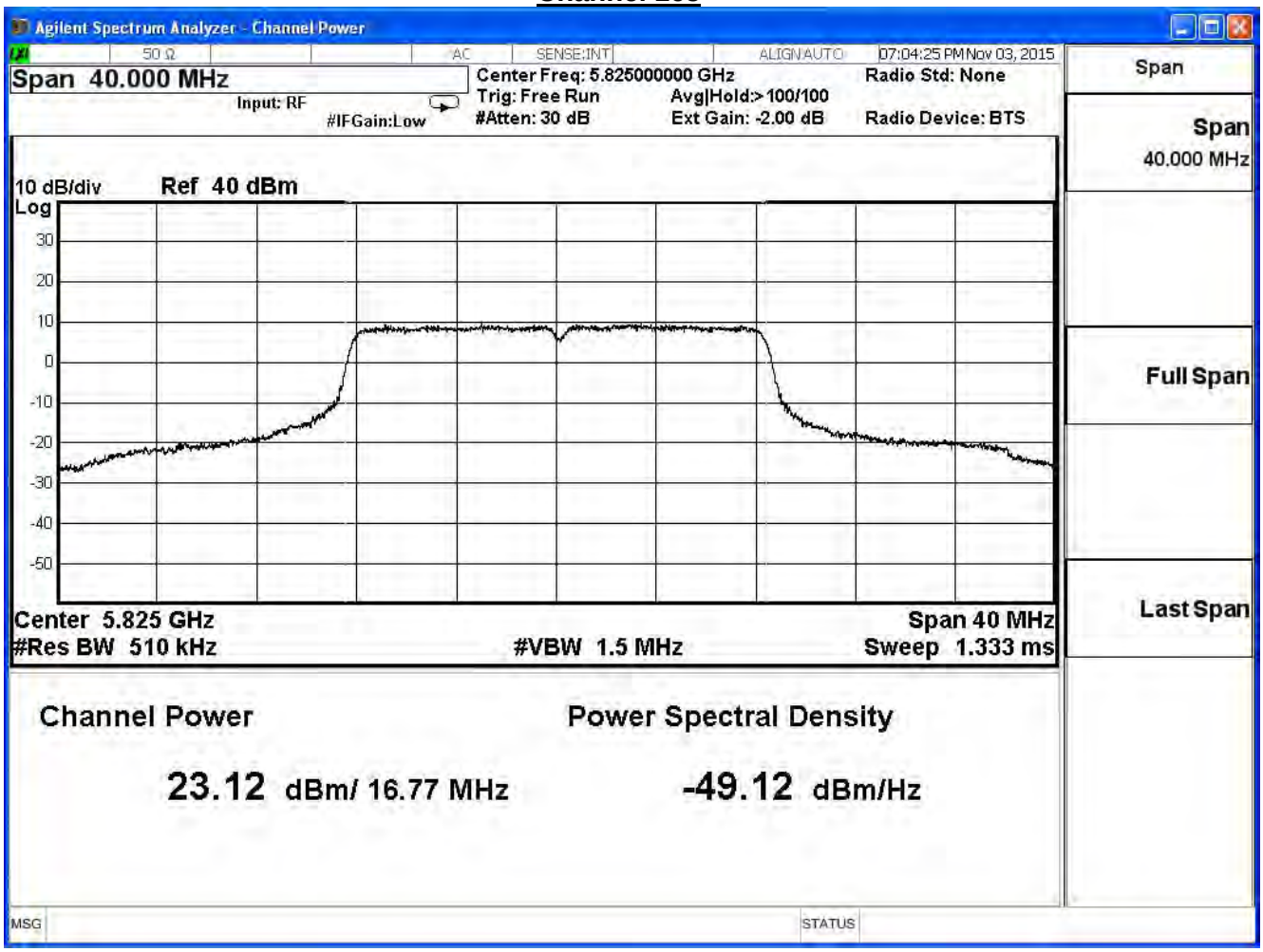
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:26:55 PM Nov 03, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.745000000 GHz
Center 5.745 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.10 dBm/ 16.7 MHz
Power Spectral Density
-49.13 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:53:16 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.15 dBm/ 16.75 MHz
Power Spectral Density
-49.09 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:04:25 PM Nov 03, 2015
Span 40.000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.12 dBm/ 16.77 MHz
Power Spectral Density
-49.12 dBm/Hz
MSG
STATUS
Span
Span
40.000 MHz
Full Span
Last Span

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

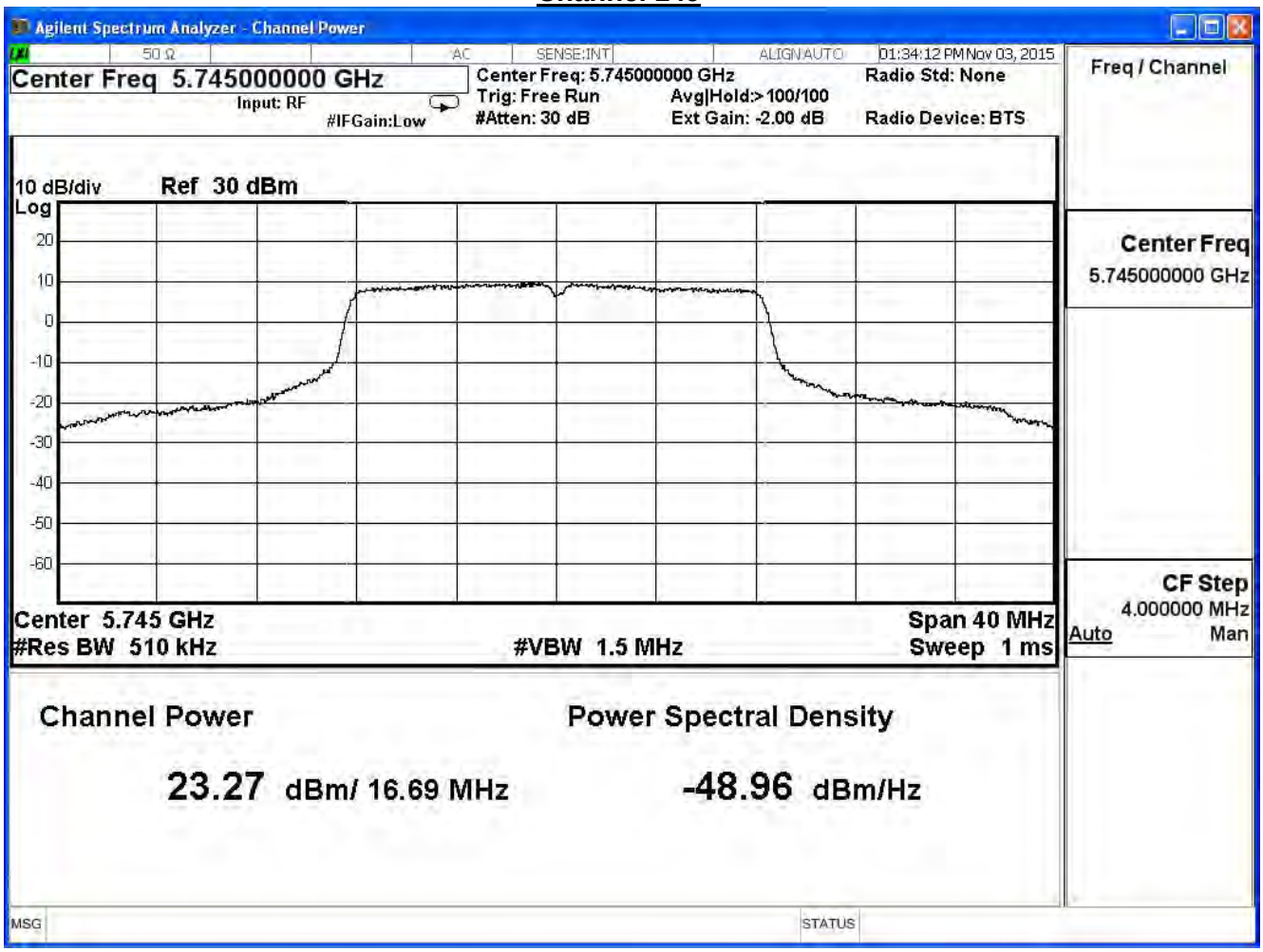
IEEE 802.11a (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	23.27	≤30
157	5785	23.20	≤30
165	5825	23.12	≤30

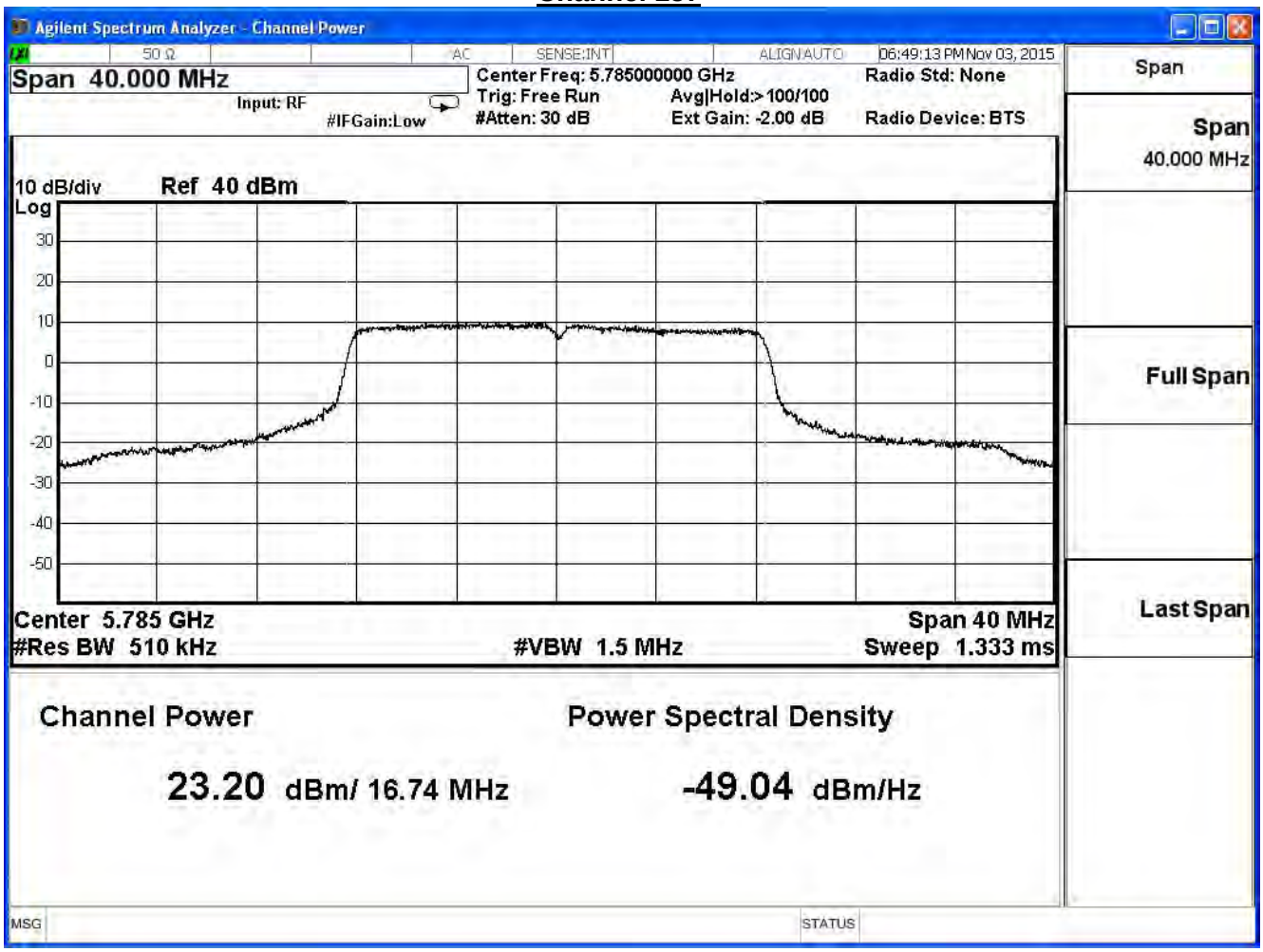
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.27	--	--	--	--	--	--	≤30dBm
157	5785	23.20	23.10	22.90	22.78	22.68	22.44	22.20	
165	5825	23.12	--	--	--	--	--	--	

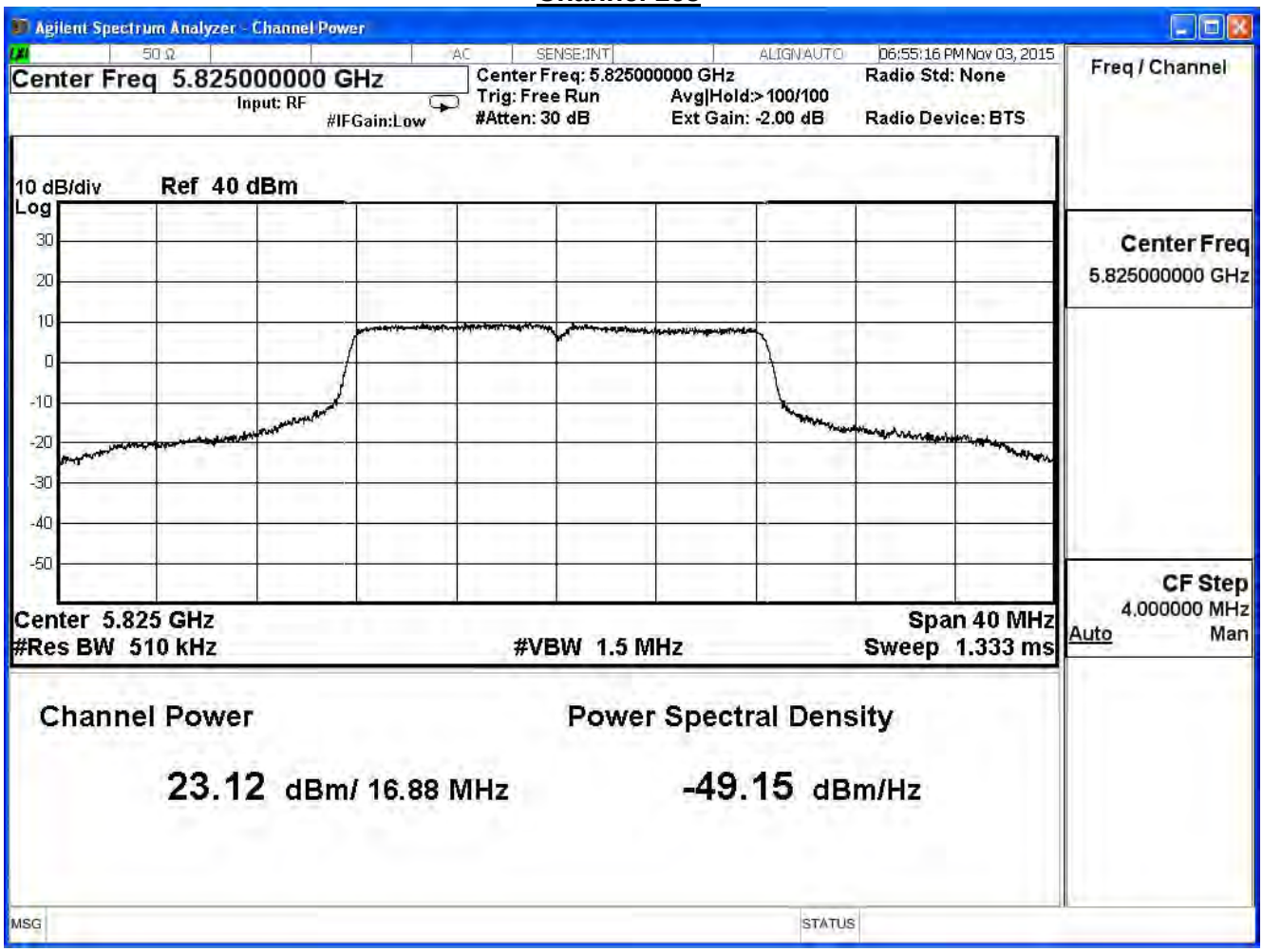
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:34:12 PM Nov 03, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.745000000 GHz
Center 5.745 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.27 dBm/ 16.69 MHz
Power Spectral Density
-48.96 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:49:13 PM Nov 03, 2015
Span 40.000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.20 dBm/ 16.74 MHz
Power Spectral Density
-49.04 dBm/Hz
MSG
STATUS
Span
Span
40.000 MHz
Full Span
Last Span

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:55:16 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.825000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.12 dBm/ 16.88 MHz
Power Spectral Density
-49.15 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE 802.11a (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	29.30	≤30
157	5785	29.34	≤30
165	5825	29.40	≤30

The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	29.30	--	--	--	--	--	--	≤30dBm
157	5785	29.34	29.16	29.03	28.83	28.65	28.43	28.25	
165	5825	29.40	--	--	--	--	--	--	

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

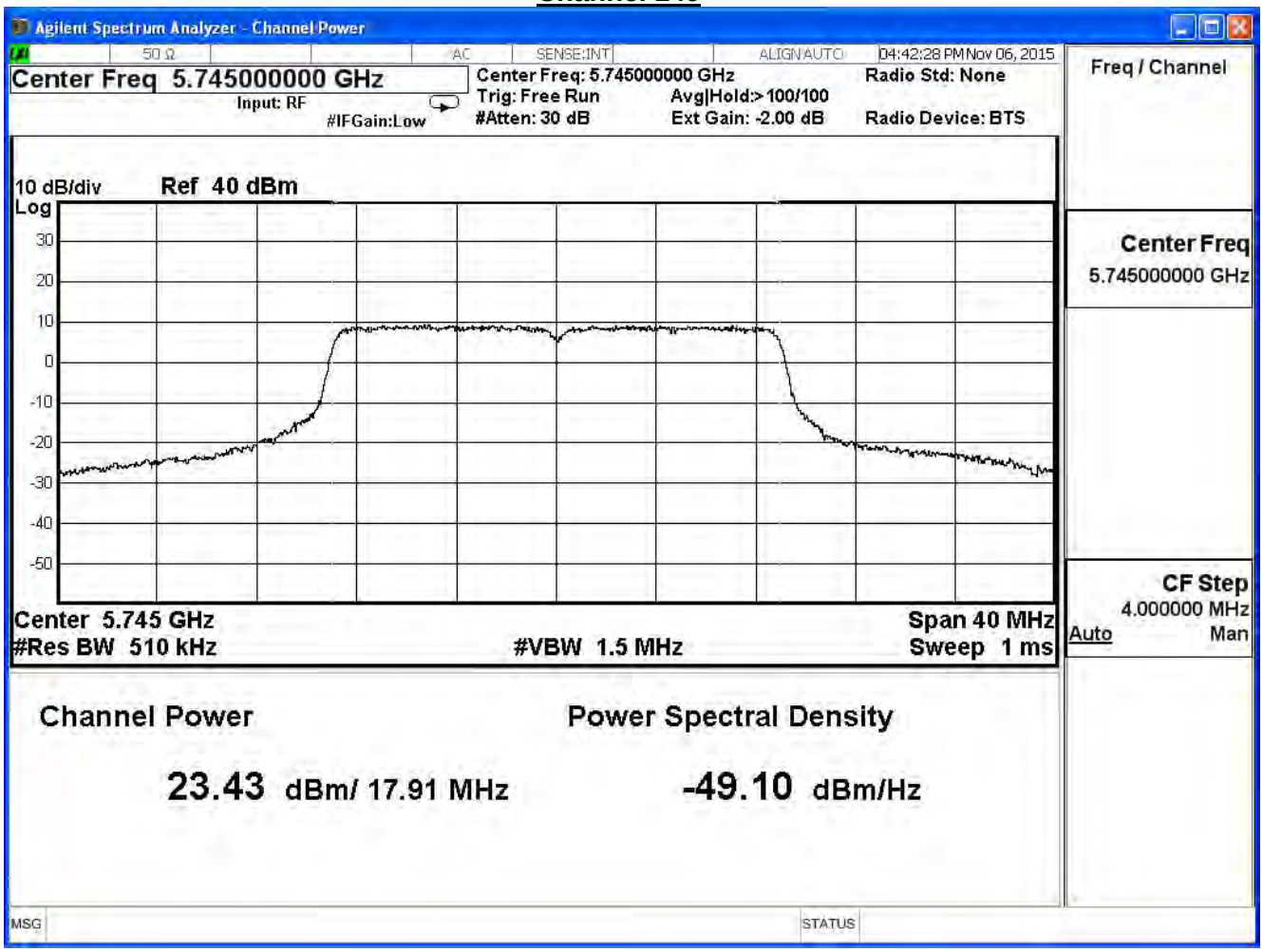
IEEE 802.11n_20M (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	23.43	≤30
157	5785	23.35	≤30
165	5825	23.60	≤30

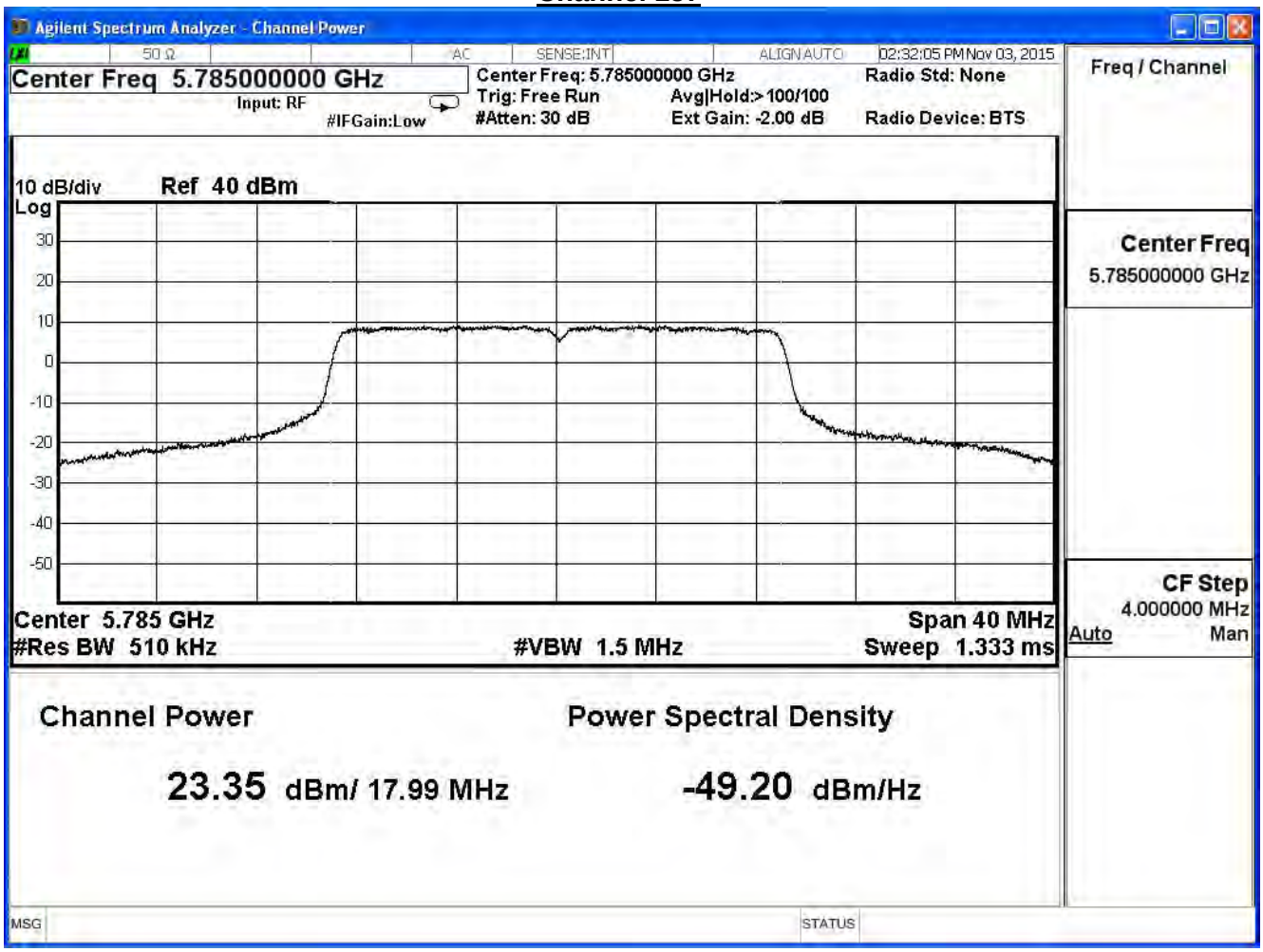
The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	23.43	--	--	--	--	--	--	--	≤30dBm
157	5785	23.35	23.24	23.04	22.94	22.70	22.46	22.31	22.07	
165	5825	23.60	--	--	--	--	--	--	--	

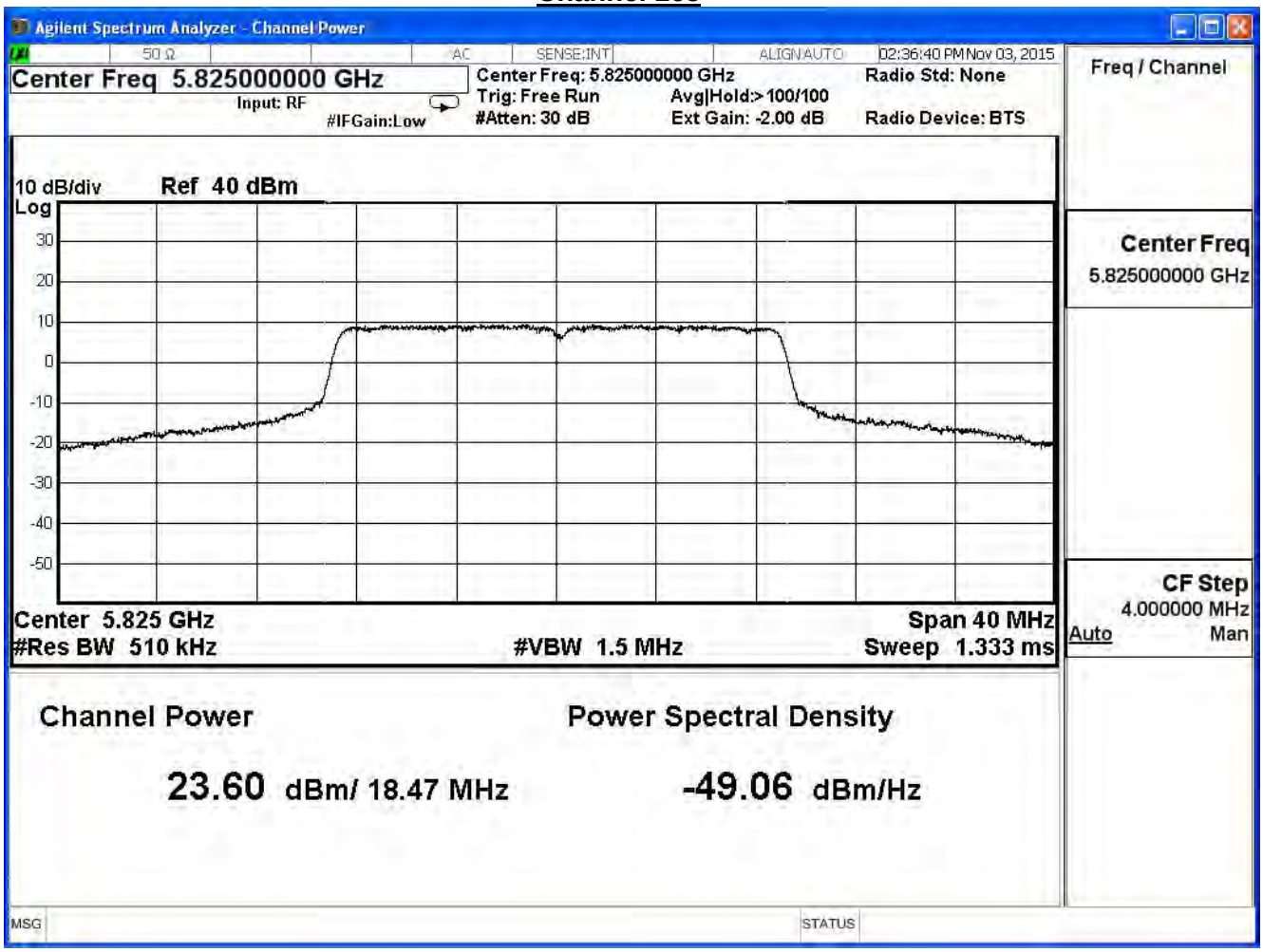
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:42:28 PM Nov 06, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.745000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.745 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
23.43 dBm/ 17.91 MHz
Power Spectral Density
-49.10 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:32:05 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.35 dBm/ 17.99 MHz
Power Spectral Density
-49.20 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:36:40 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.825000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.60 dBm/ 18.47 MHz
Power Spectral Density
-49.06 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

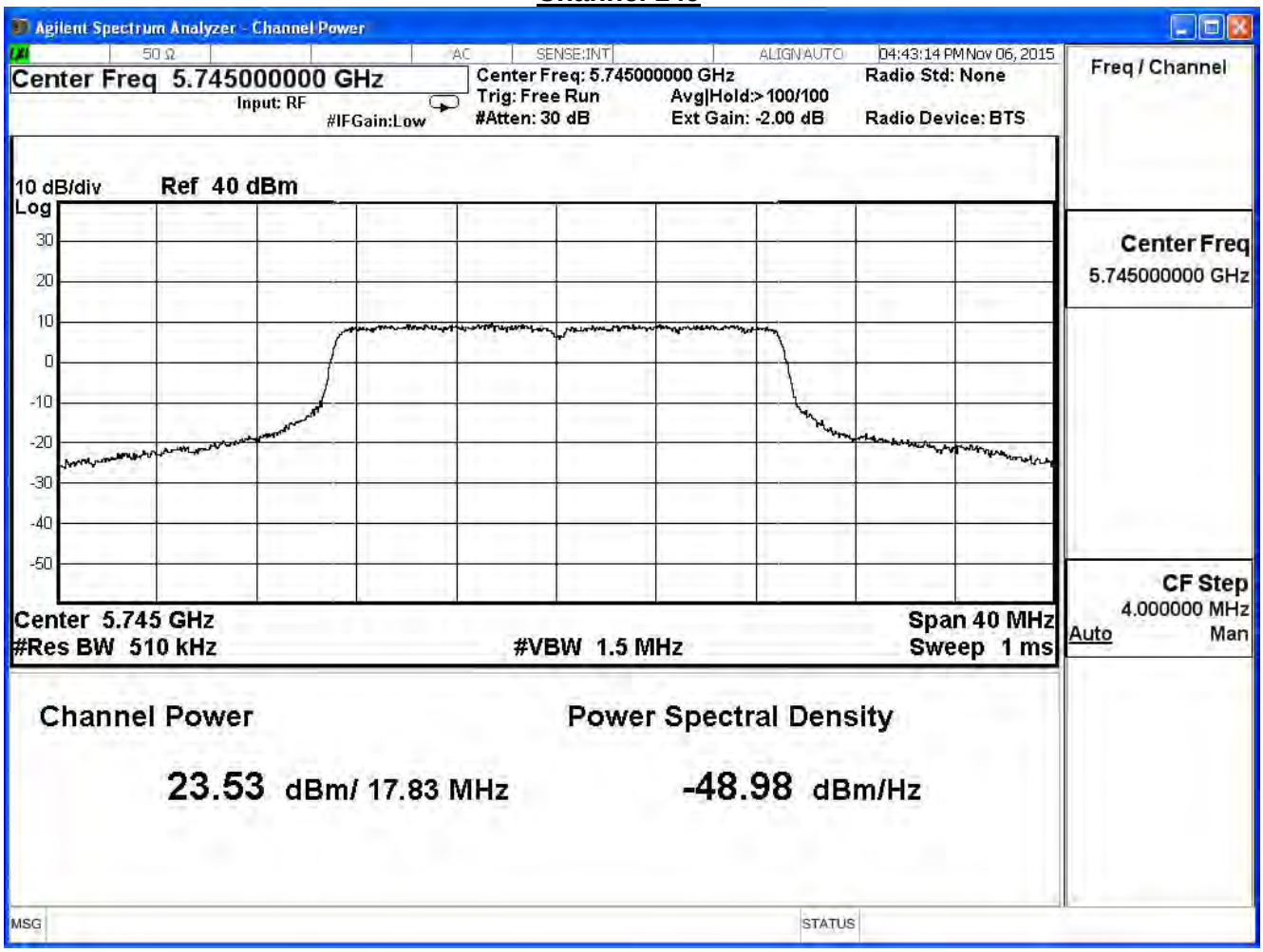
IEEE 802.11n_20M (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	23.53	≤30
157	5785	23.47	≤30
165	5825	23.53	≤30

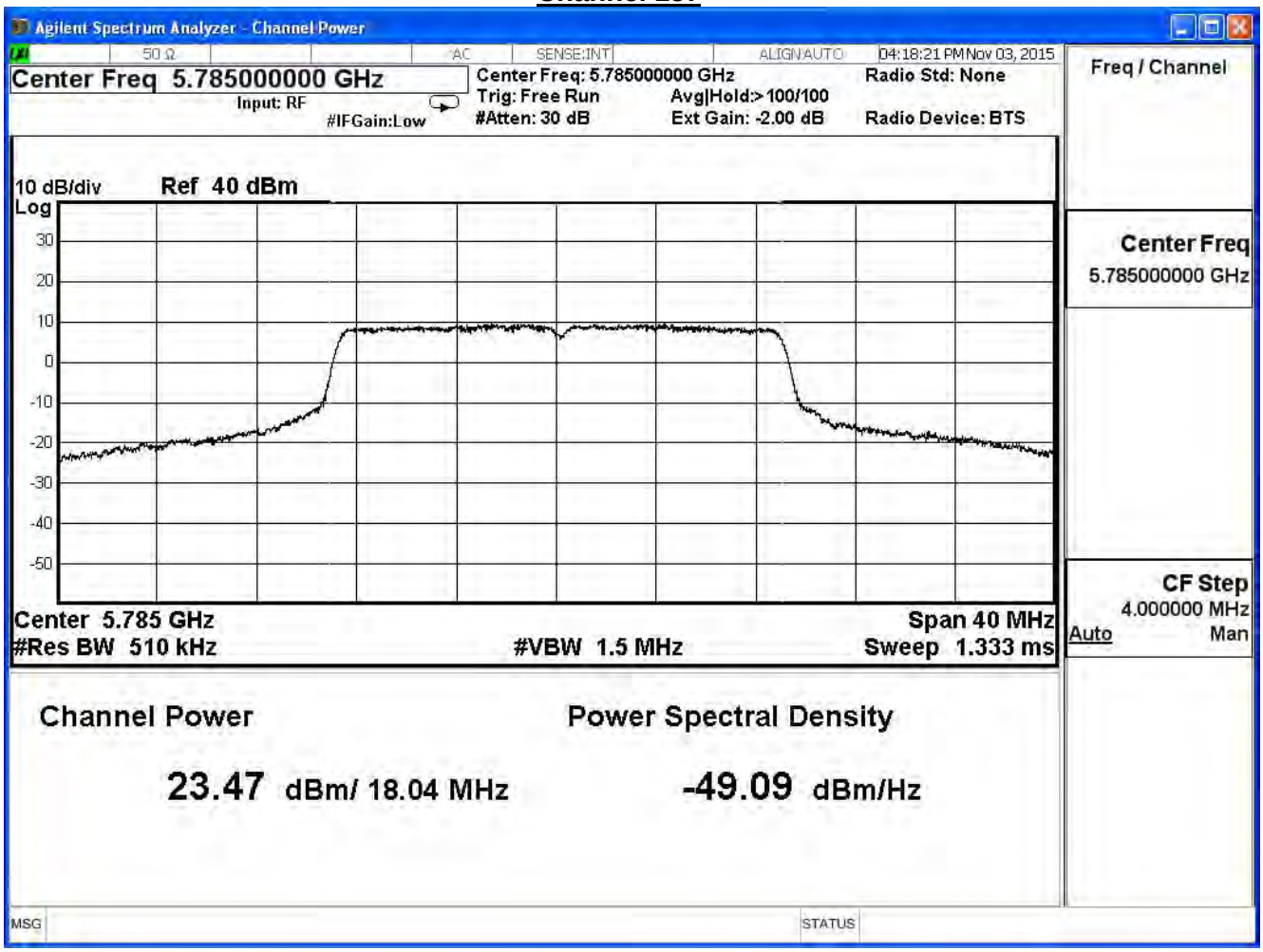
The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	23.53	--	--	--	--	--	--	--	≤30dBm
157	5785	23.47	23.37	23.25	23.05	22.95	22.69	22.45	22.33	
165	5825	23.53	--	--	--	--	--	--	--	

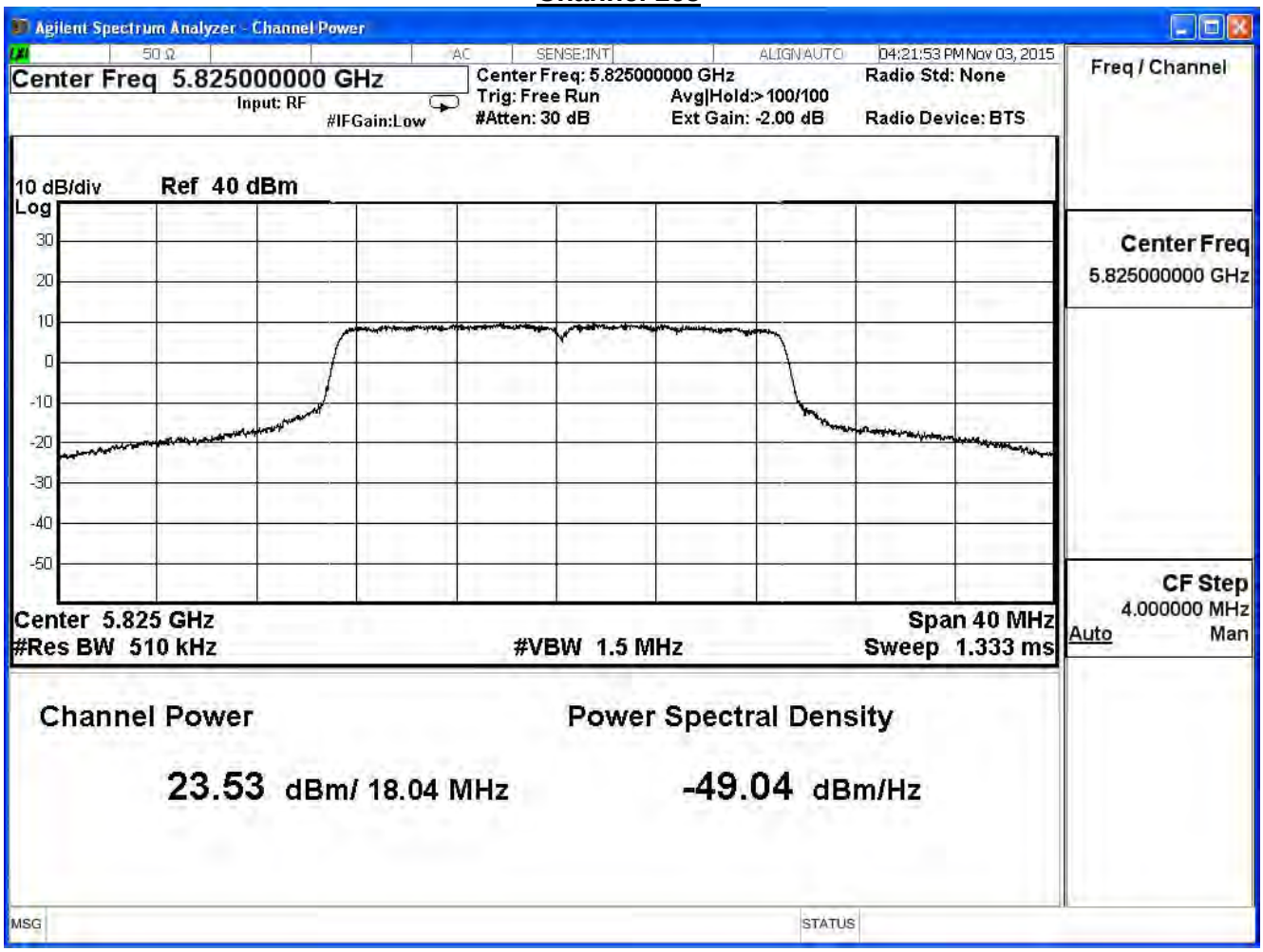
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:43:14 PM Nov 06, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.745000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.745 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
23.53 dBm/ 17.83 MHz
Power Spectral Density
-48.98 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:18:21 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.785000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.47 dBm/ 18.04 MHz
Power Spectral Density
-49.09 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:21:53 PM Nov 03, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.53 dBm/ 18.04 MHz
Power Spectral Density
-49.04 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

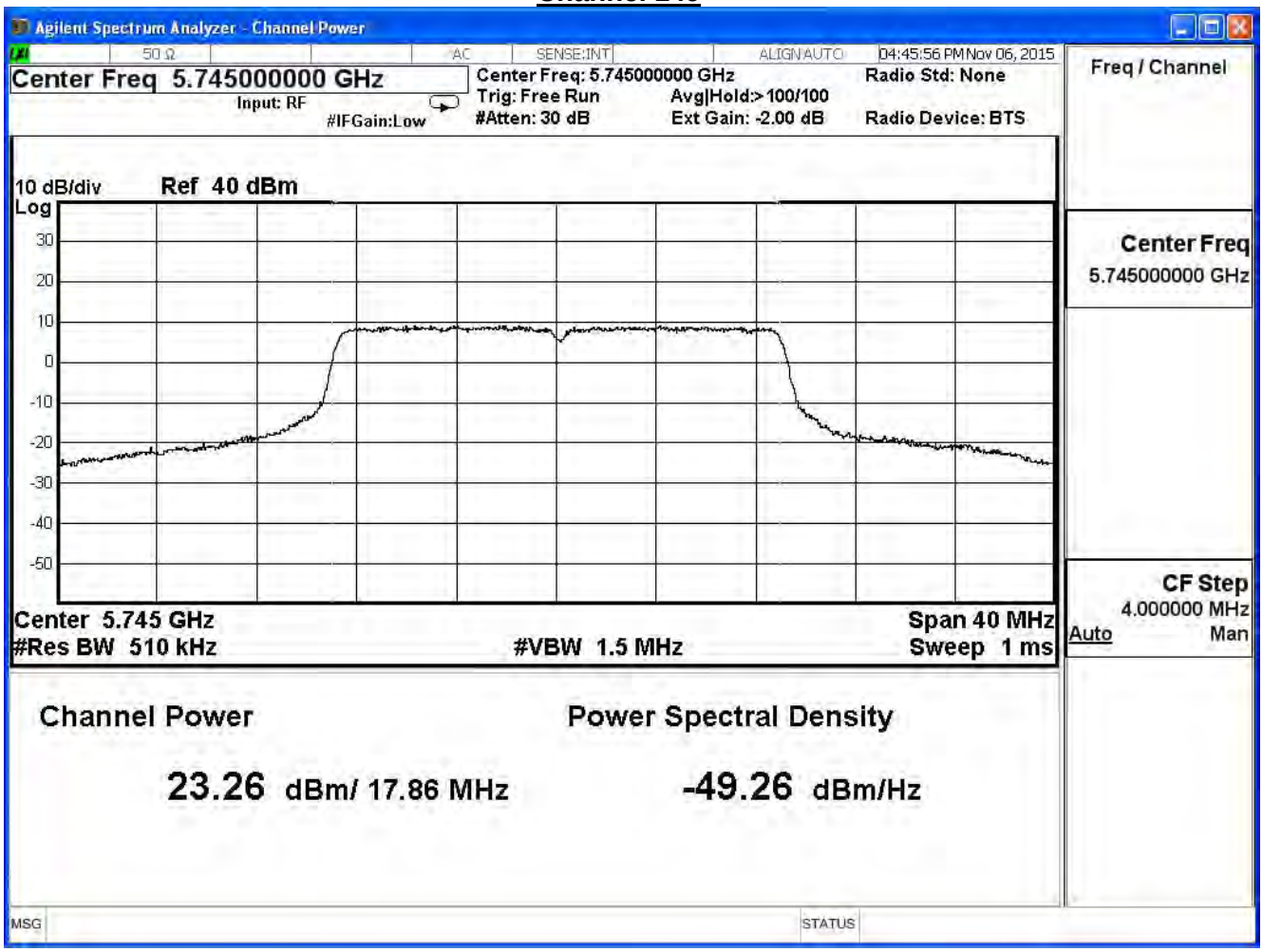
IEEE 802.11n_20M (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	23.26	≤30
157	5785	23.14	≤30
165	5825	23.08	≤30

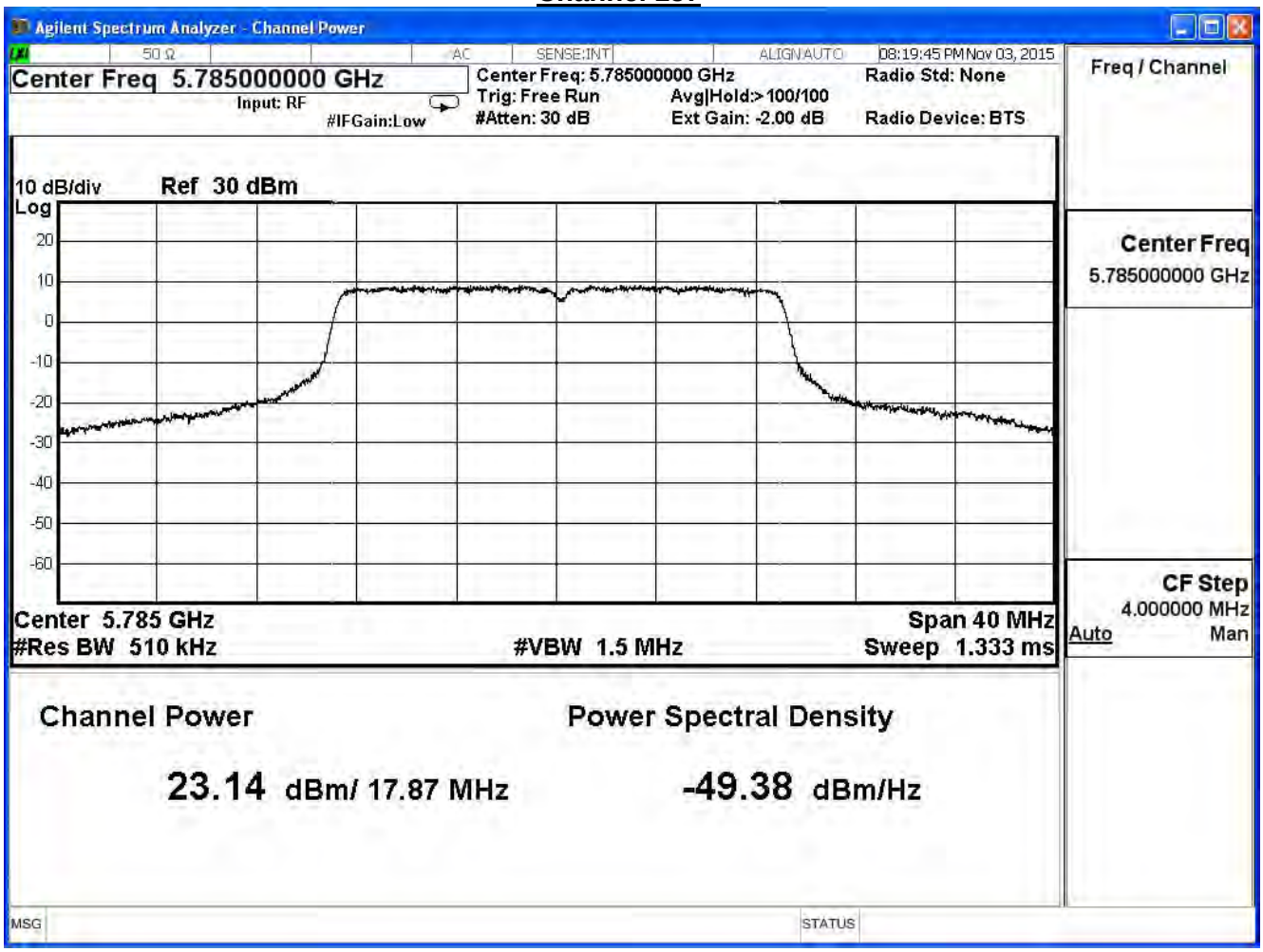
The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	23.26	--	--	--	--	--	--	--	≤30dBm
157	5785	23.14	23.04	22.84	22.72	22.62	22.50	22.26	22.14	
165	5825	23.08	--	--	--	--	--	--	--	

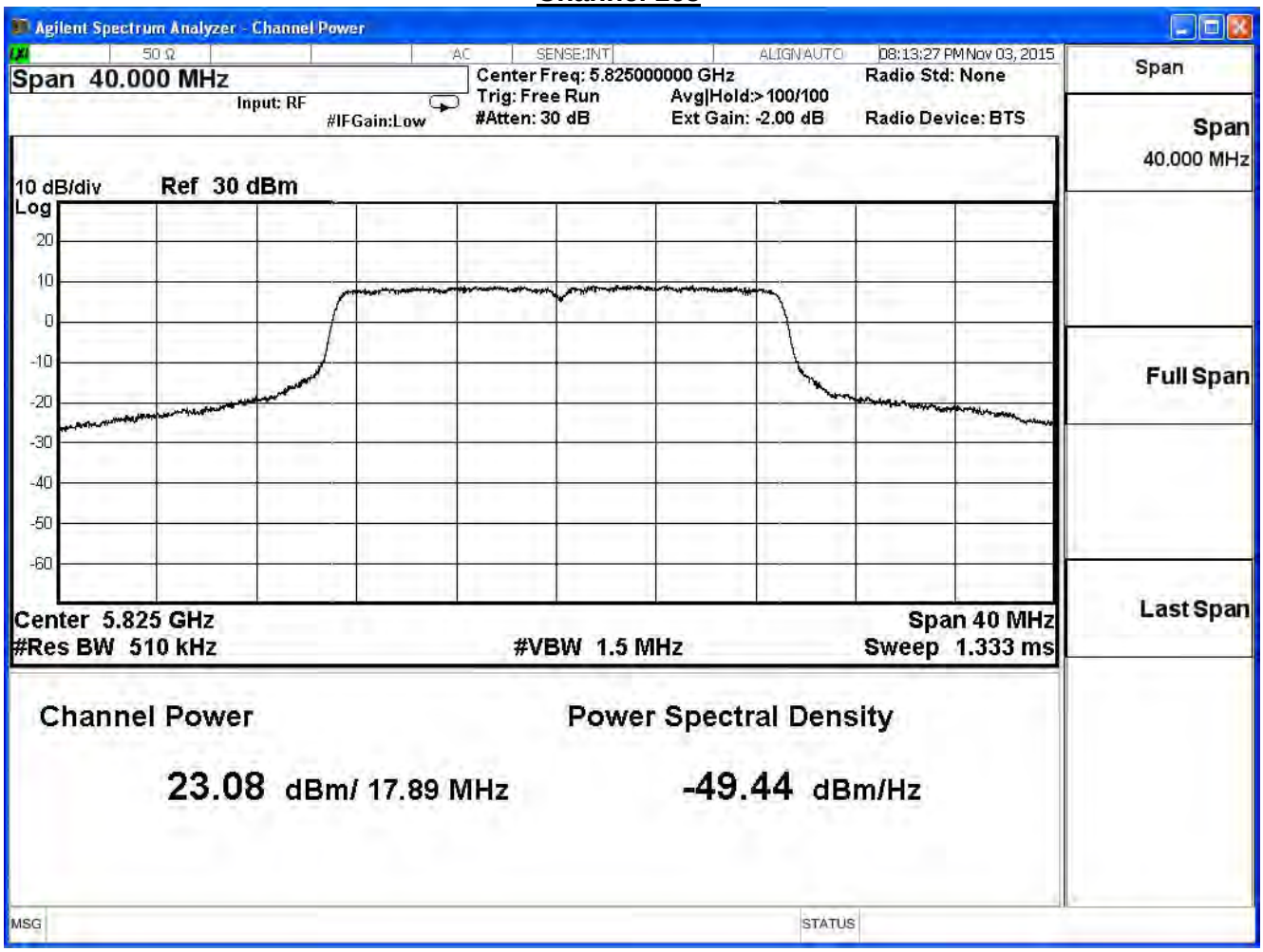
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:45:56 PM Nov 06, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.745000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.745 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
23.26 dBm/ 17.86 MHz
Power Spectral Density
-49.26 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:19:45 PM Nov 03, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
23.14 dBm/ 17.87 MHz
Power Spectral Density
-49.38 dBm/Hz
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:13:27 PM Nov 03, 2015
Span 40.000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
23.08 dBm/ 17.89 MHz
Power Spectral Density
-49.44 dBm/Hz
MSG
STATUS
Span
Span
40.000 MHz
Full Span
Last Span

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

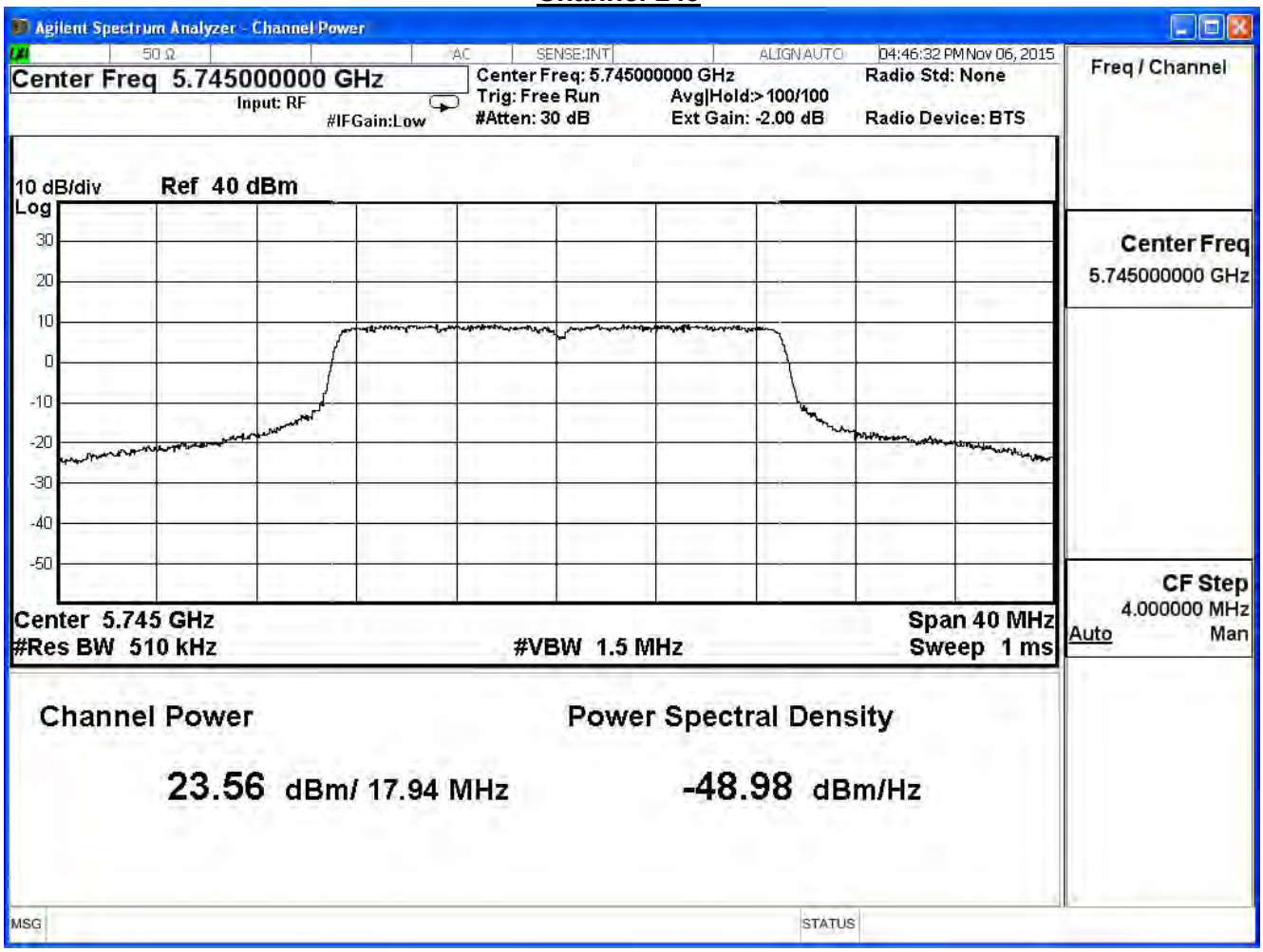
IEEE 802.11n_20M (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	23.56	≤30
157	5785	23.19	≤30
165	5825	22.97	≤30

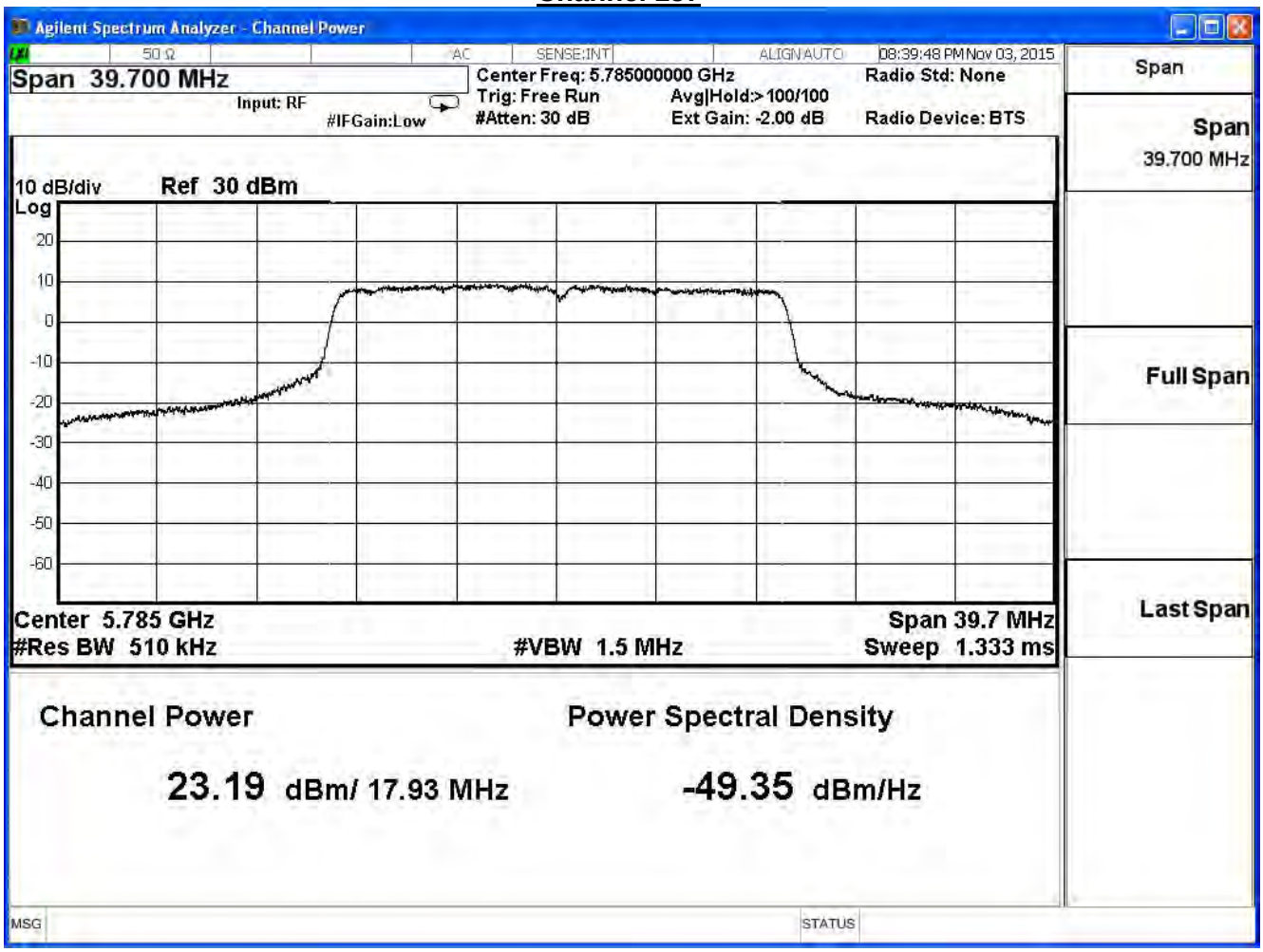
The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	23.56	--	--	--	--	--	--	--	≤30dBm
157	5785	23.19	23.09	22.89	22.77	22.67	22.43	22.19	21.95	
165	5825	22.97	--	--	--	--	--	--	--	

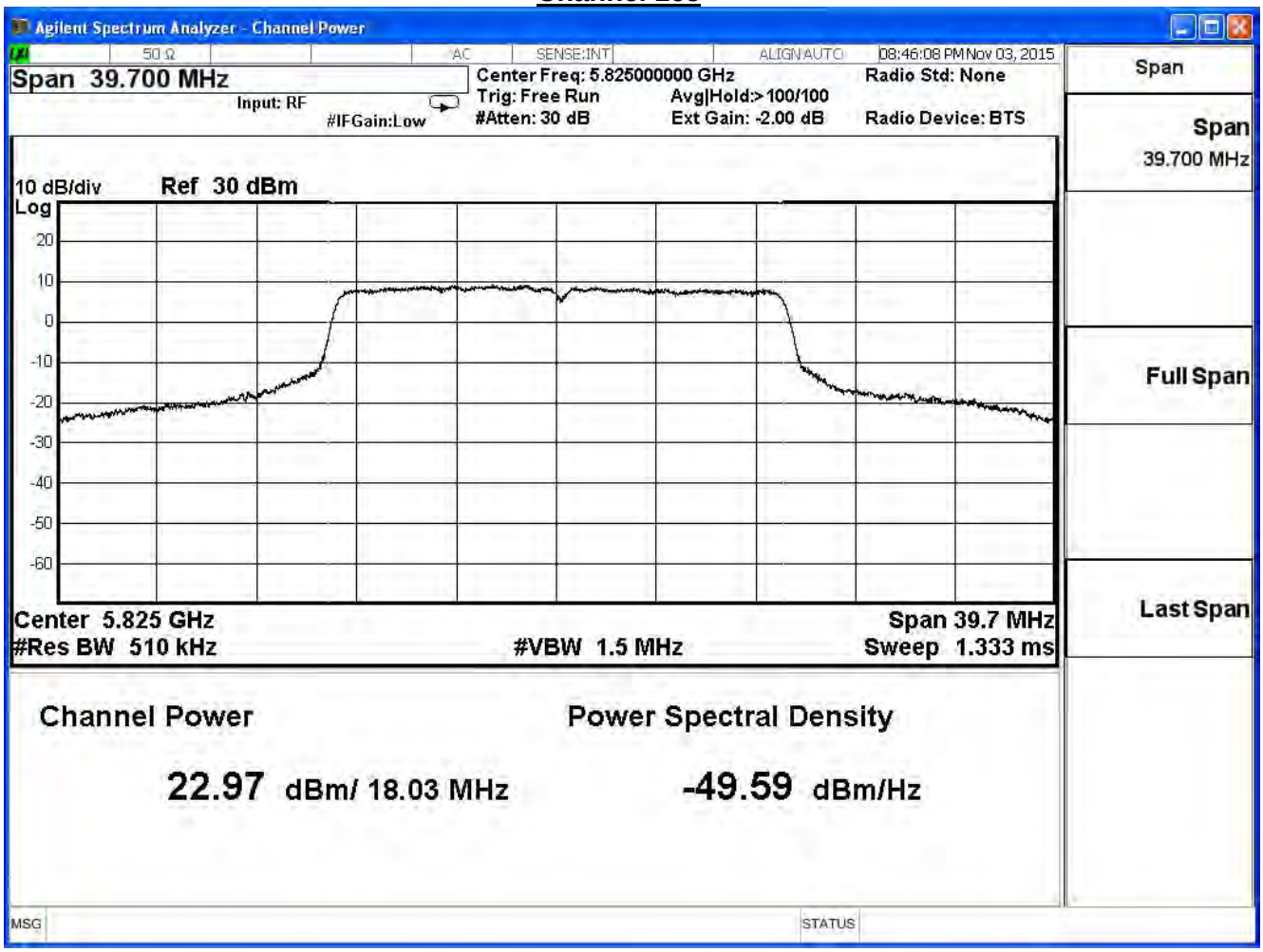
Channel 149


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:46:32 PM Nov 06, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.745000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 5.745 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
23.56 dBm/ 17.94 MHz
Power Spectral Density
-48.98 dBm/Hz
MSG
STATUS

Channel 157


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:39:48 PM Nov 03, 2015
Span 39.700 MHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 39.7 MHz
Sweep 1.333 ms
Channel Power
23.19 dBm/ 17.93 MHz
Power Spectral Density
-49.35 dBm/Hz
MSG
STATUS
Span
Span
39.700 MHz
Full Span
Last Span

Channel 165


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:46:08 PM Nov 03, 2015
Span 39.700 MHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 39.7 MHz
Sweep 1.333 ms
Channel Power
22.97 dBm/ 18.03 MHz
Power Spectral Density
-49.59 dBm/Hz
MSG
STATUS
Span
Span
39.700 MHz
Full Span
Last Span

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

IEEE 802.11n_20M (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
149	5745	29.47	≤30
157	5785	29.31	≤30
165	5825	29.32	≤30

The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)									
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	29.47	--	--	--	--	--	--	--	≤30dBm
157	5785	29.31	29.13	28.98	28.84	28.71	28.53	28.34	28.16	
165	5825	29.32	--	--	--	--	--	--	--	

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

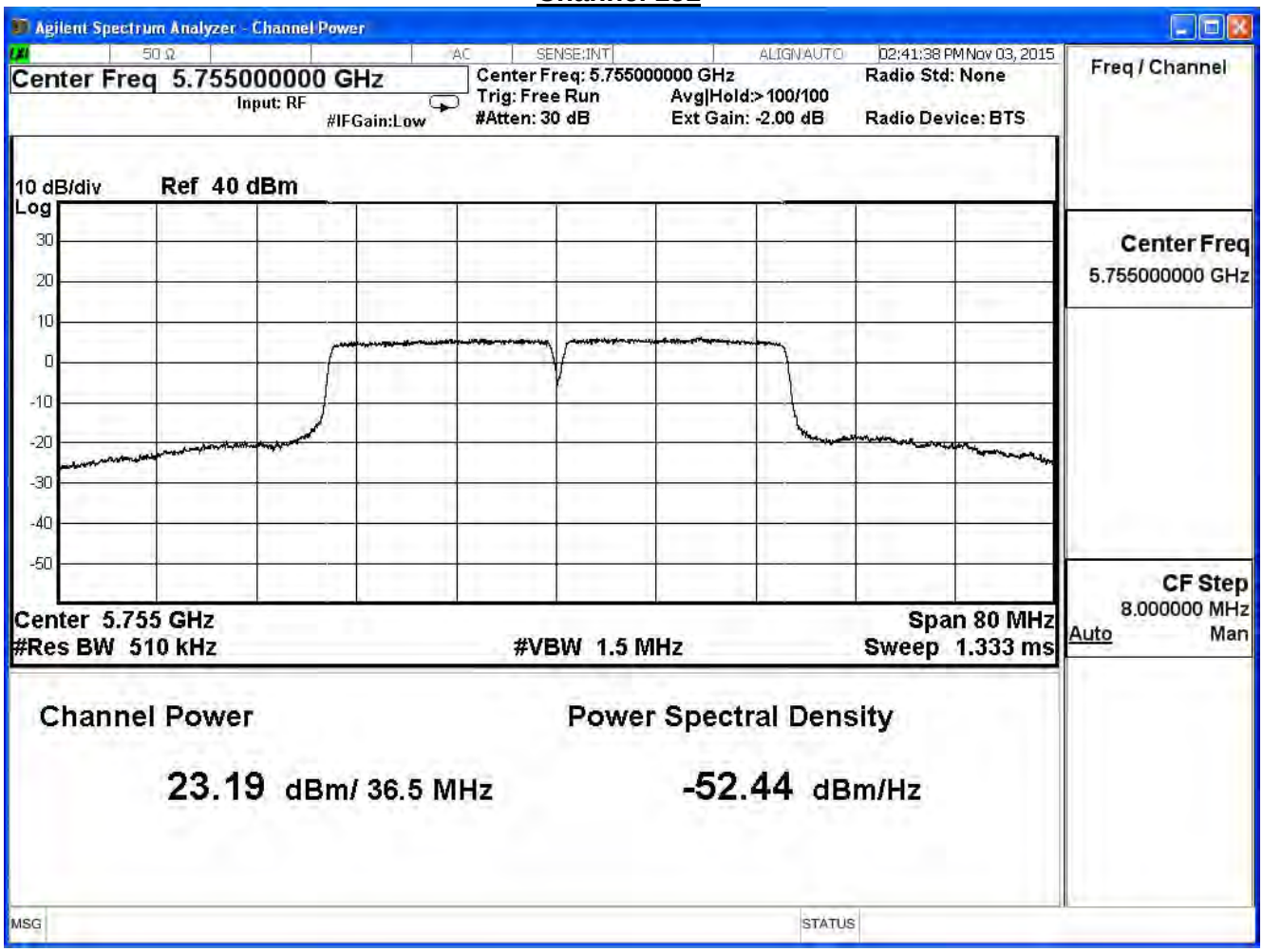
IEEE802.11n 40MHz(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
151	5755	23.19	≤30
159	5795	23.52	≤30

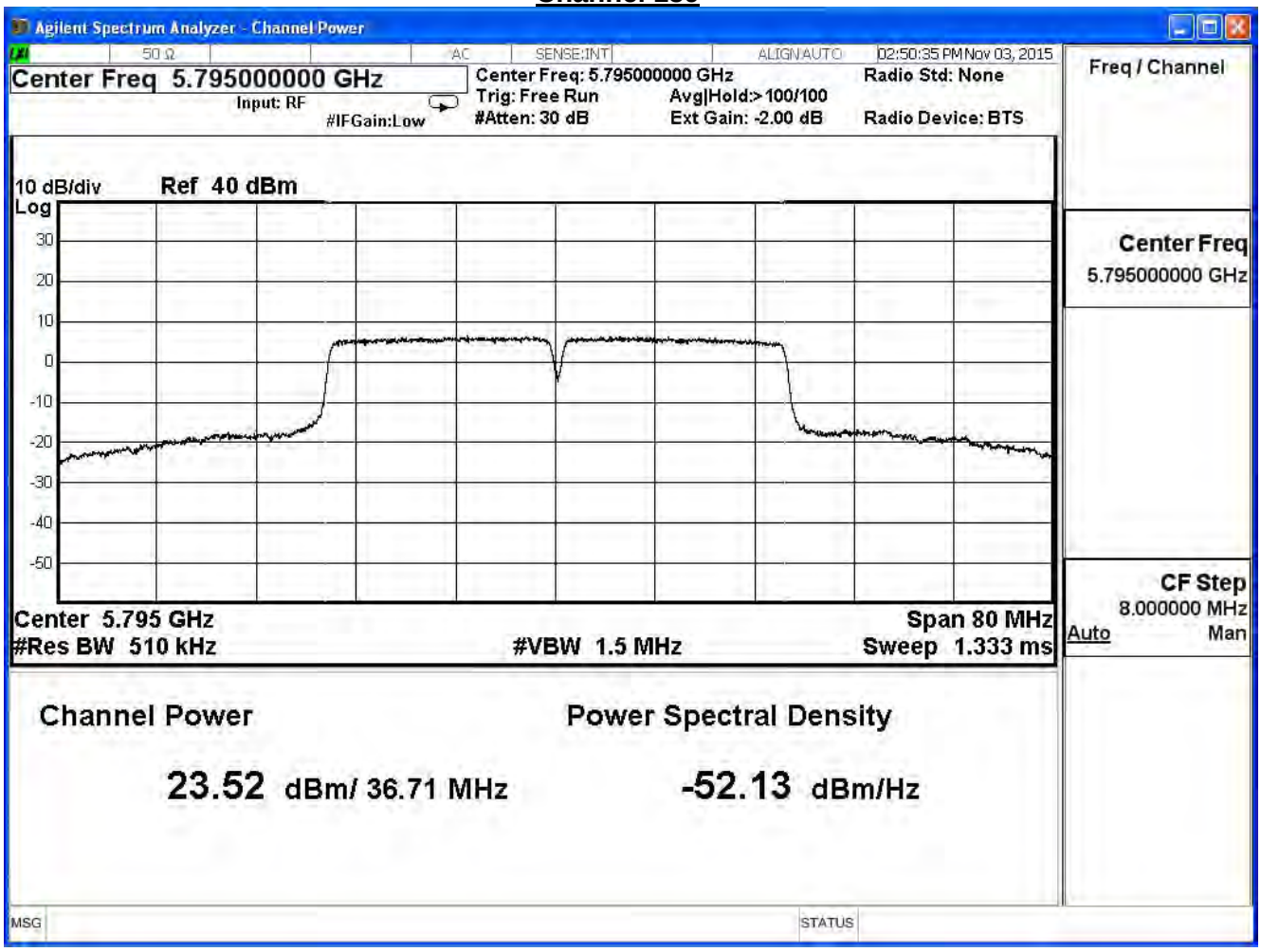
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	23.19	--	--	--	--	--	--	--	≤30dBm
159	5795	23.52	23.32	23.12	22.92	22.82	22.70	22.46	22.34	

Channel 151


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:41:38 PM Nov 03, 2015
Center Freq 5.755000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.755000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.755000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 5.755 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
23.19 dBm/ 36.5 MHz
Power Spectral Density
-52.44 dBm/Hz
MSG
STATUS

Channel 159


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
02:50:35 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.795000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 5.795 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
23.52 dBm/ 36.71 MHz
Power Spectral Density
-52.13 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

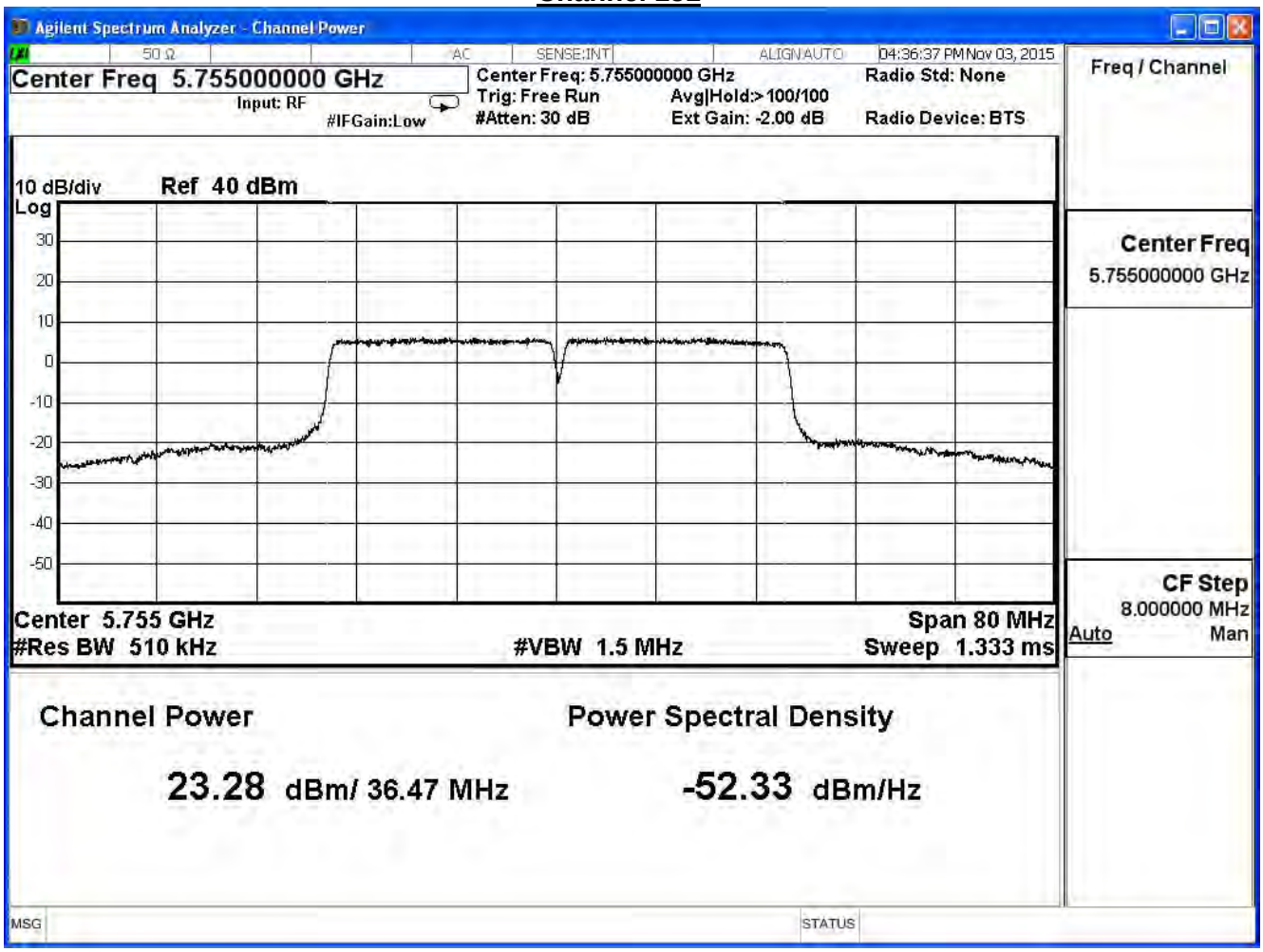
IEEE802.11n 40MHz(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
151	5755	23.28	≤30
159	5795	23.53	≤30

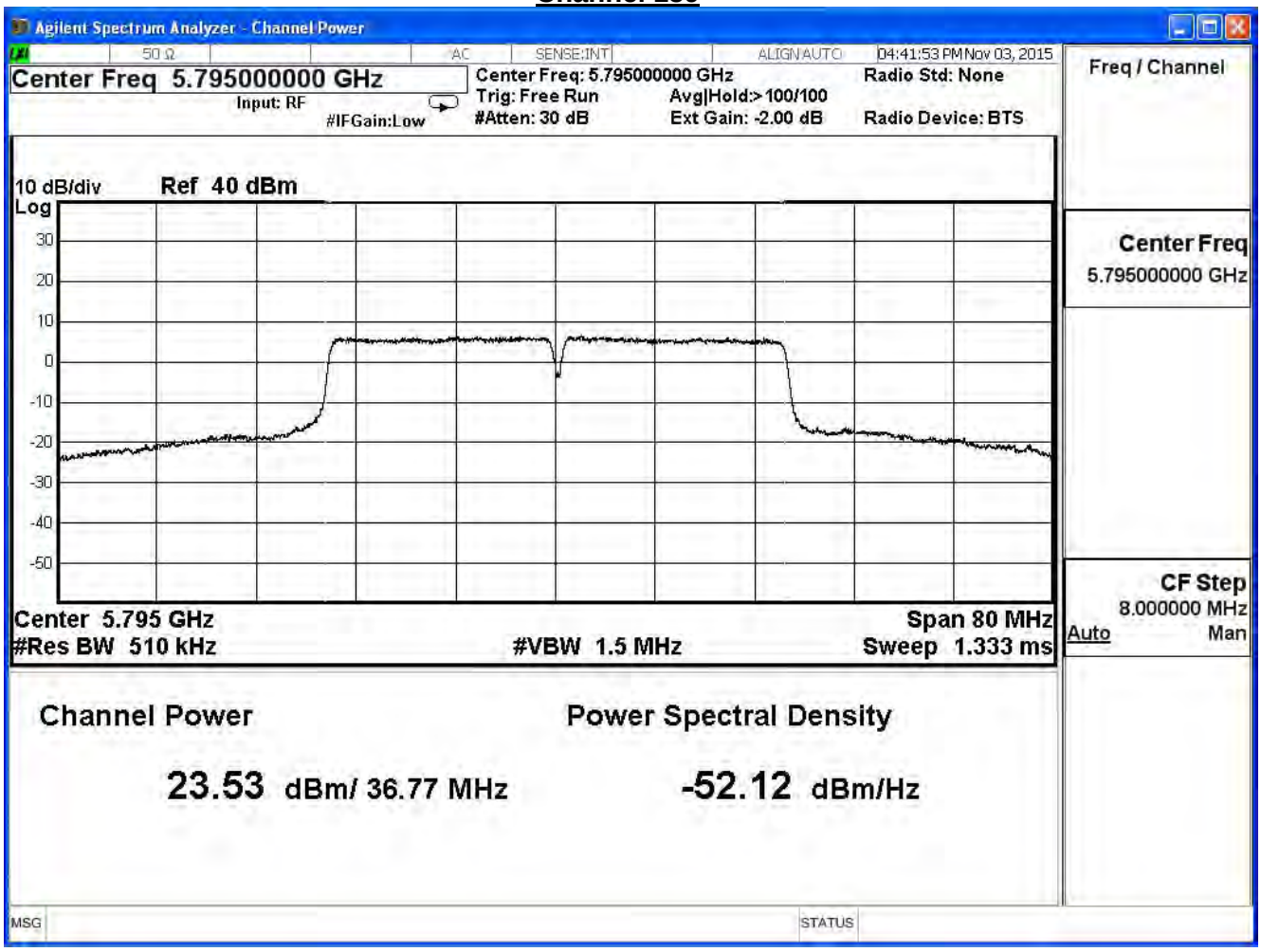
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	23.28	--	--	--	--	--	--	--	≤30dBm
.159	5794	23.53	23.33	23.13	23.03	22.93	22.69	22.57	22.33	

Channel 151


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:36:37 PM Nov 03, 2015
Center Freq 5.755000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.755000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.755000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 5.755 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
23.28 dBm/ 36.47 MHz
Power Spectral Density
-52.33 dBm/Hz
MSG
STATUS

Channel 159


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:41:53 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 40 dBm
30
20
10
0
-10
-20
-30
-40
-50
Center Freq
5.795000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 5.795 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
23.53 dBm/ 36.77 MHz
Power Spectral Density
-52.12 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

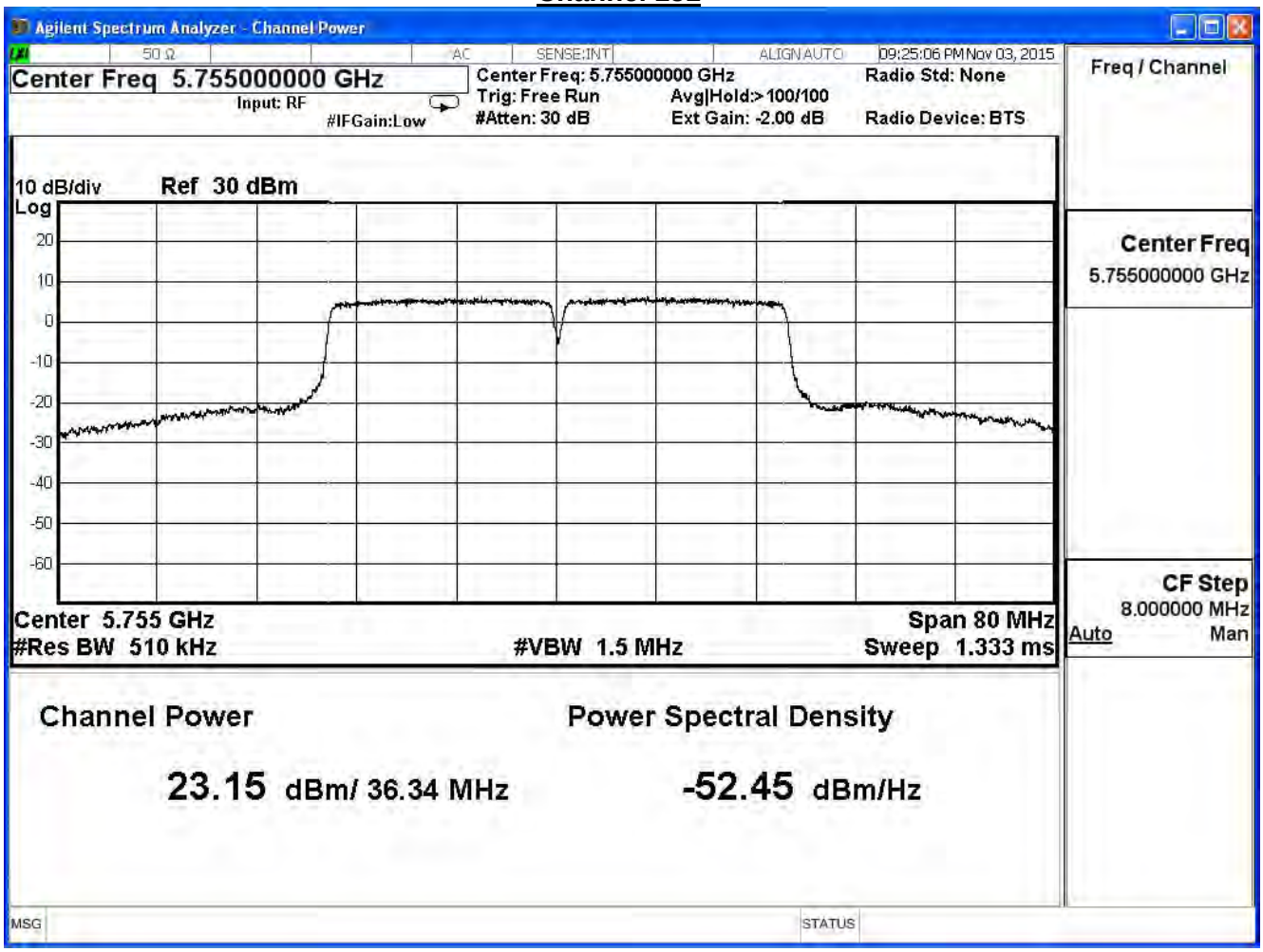
IEEE802.11n 40MHz(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
151	5755	23.15	≤30
159	5795	23.36	≤30

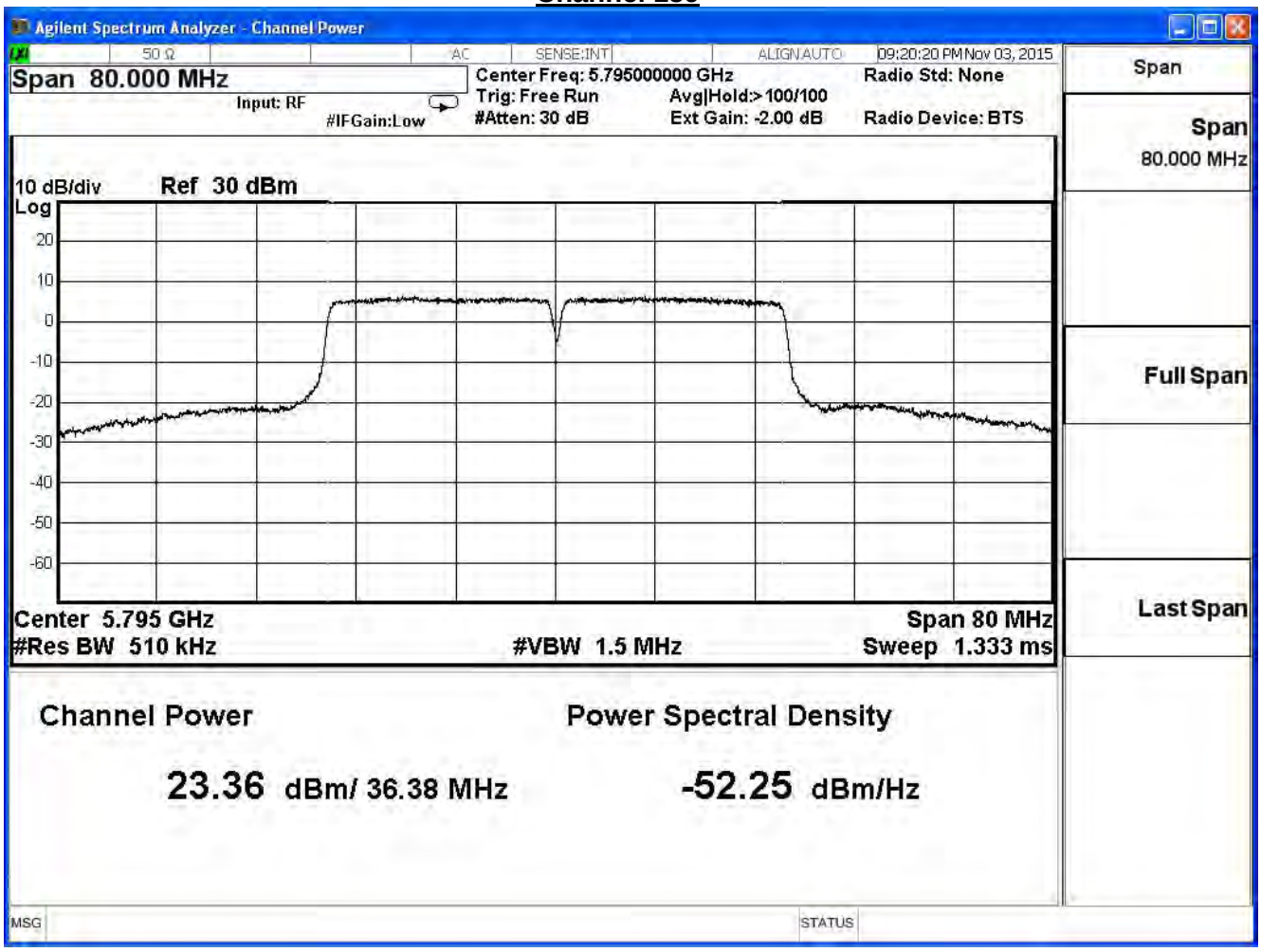
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	23.15	--	--	--	--	--	--	--	≤30dBm
159	5795	23.36	23.26	23.06	22.86	22.66	22.54	22.42	22.18	

Channel 151


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:25:06 PM Nov 03, 2015
Center Freq 5.755000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.755000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.755000000 GHz
Center 5.755 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
23.15 dBm/ 36.34 MHz
Power Spectral Density
-52.45 dBm/Hz
MSG
STATUS

Channel 159


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:20:20 PM Nov 03, 2015
Span 80.000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 5.795 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
23.36 dBm/ 36.38 MHz
Power Spectral Density
-52.25 dBm/Hz
MSG
STATUS
Span
Span
80.000 MHz
Full Span
Last Span

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

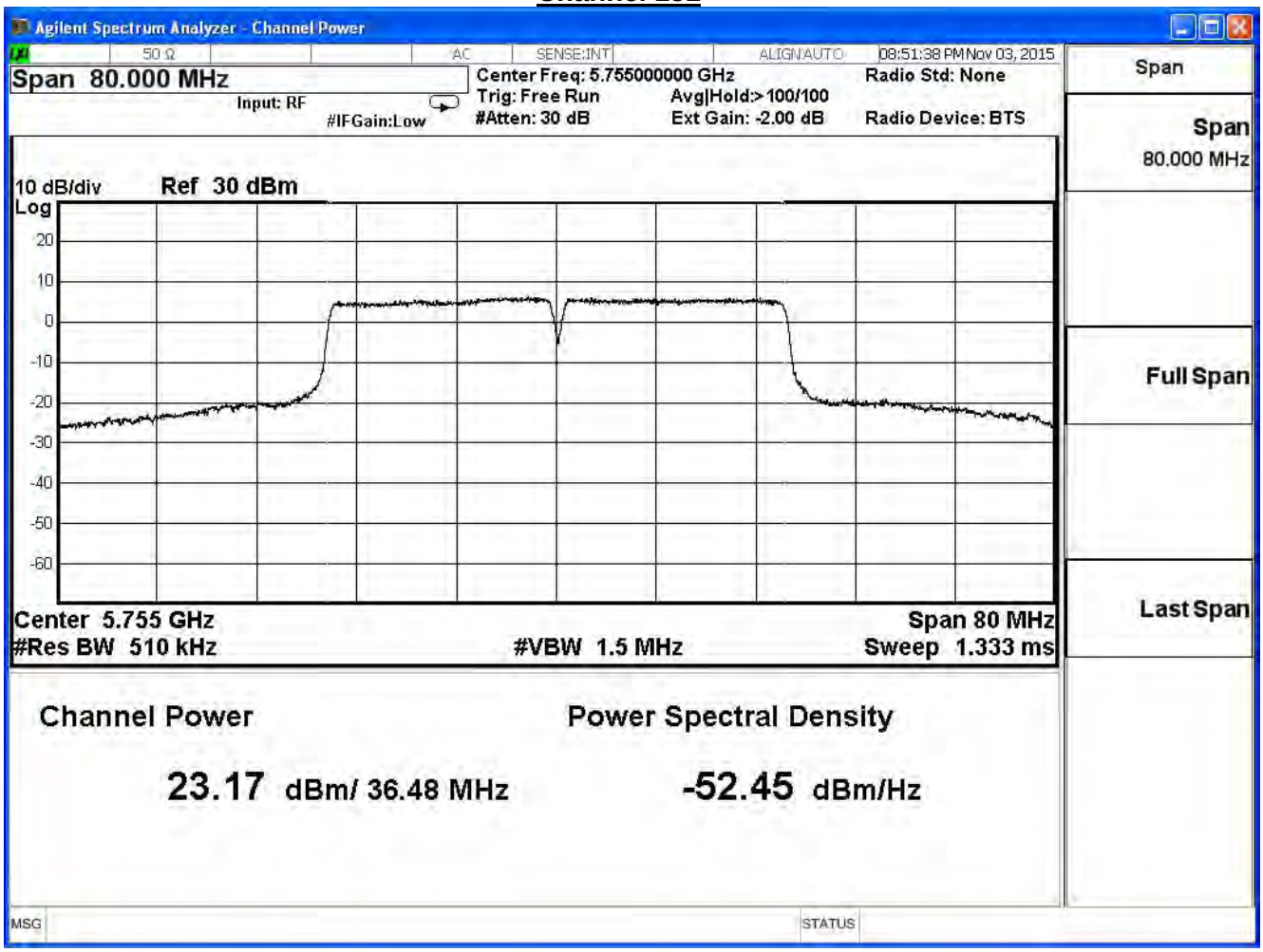
IEEE802.11n 40MHz(ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
151	5755	23.17	≤30
159	5795	23.44	≤30

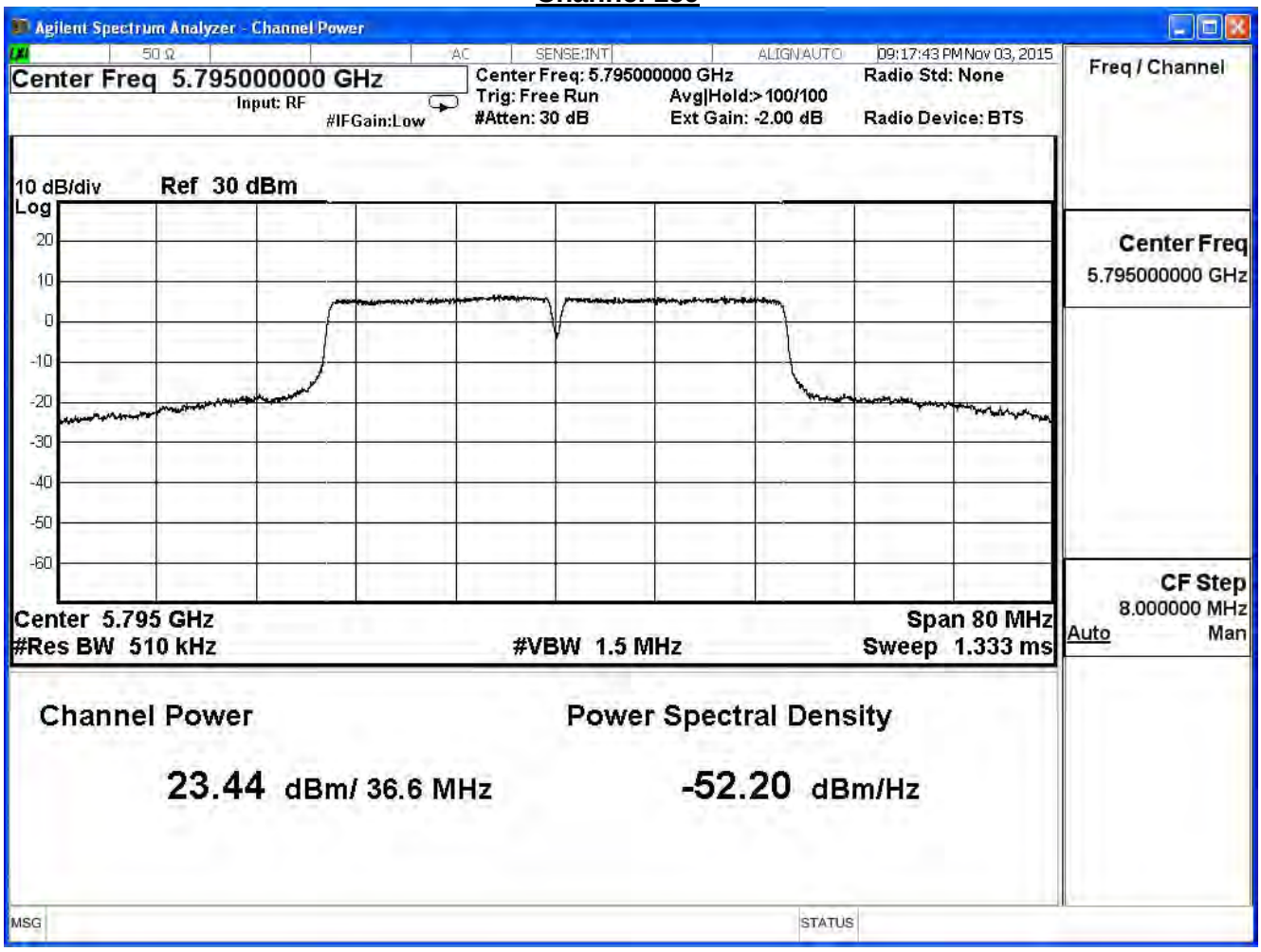
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	23.17	--	--	--	--	--	--	--	≤30dBm
159	5795	23.44	23.34	23.24	23.14	22.94	22.82	22.70	22.58	

Channel 151


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:51:38 PM Nov 03, 2015
Span 80.000 MHz
Input: RF
#IFGain:Low
Center Freq: 5.755000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center 5.755 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
23.17 dBm/ 36.48 MHz
Power Spectral Density
-52.45 dBm/Hz
MSG
STATUS
Span
Span
80.000 MHz
Full Span
Last Span

Channel 159


Agilent Spectrum Analyzer - Channel Power
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:17:43 PM Nov 03, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -2.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 5.795 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
23.44 dBm/ 36.6 MHz
Power Spectral Density
-52.20 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
151	5755	29.22	≤30
159	5795	29.48	≤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
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
151	5755	29.22	--	--	--	--	--	--	--	≤30dBm
159	5795	29.48	29.33	29.16	29.01	28.86	28.71	28.56	28.38	

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

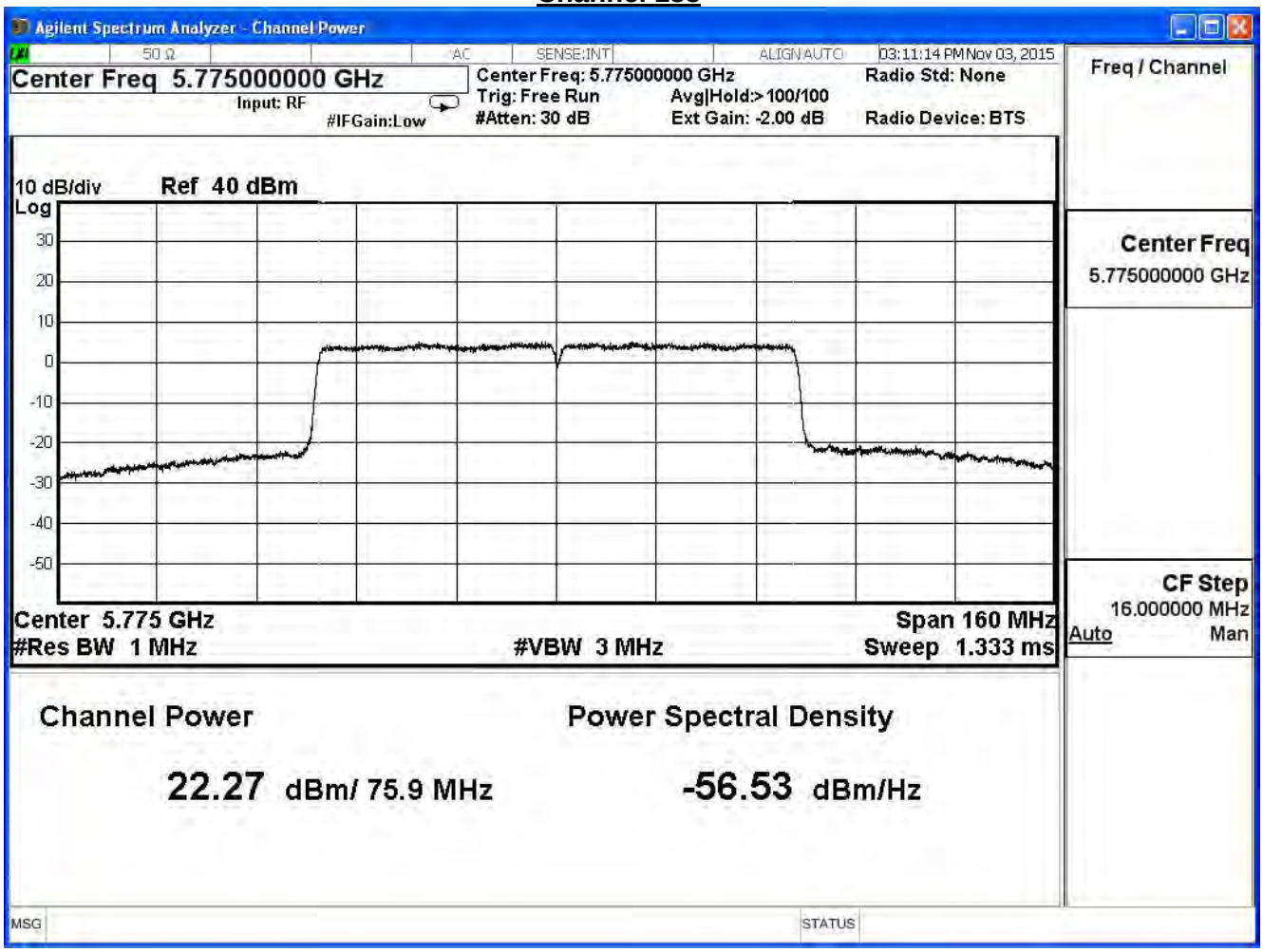
IEEE 802.11ac 80MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
155	5775	22.27	≤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	Required Limit
Channel No	Frequency (MHz)	Data Rate										
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390	
155	5775	22.27	22.07	21.97	21.87	21.67	21.47	21.23	20.99	20.87	20.63	≤30dBm

Channel 155



Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/03	Test Site	SR7

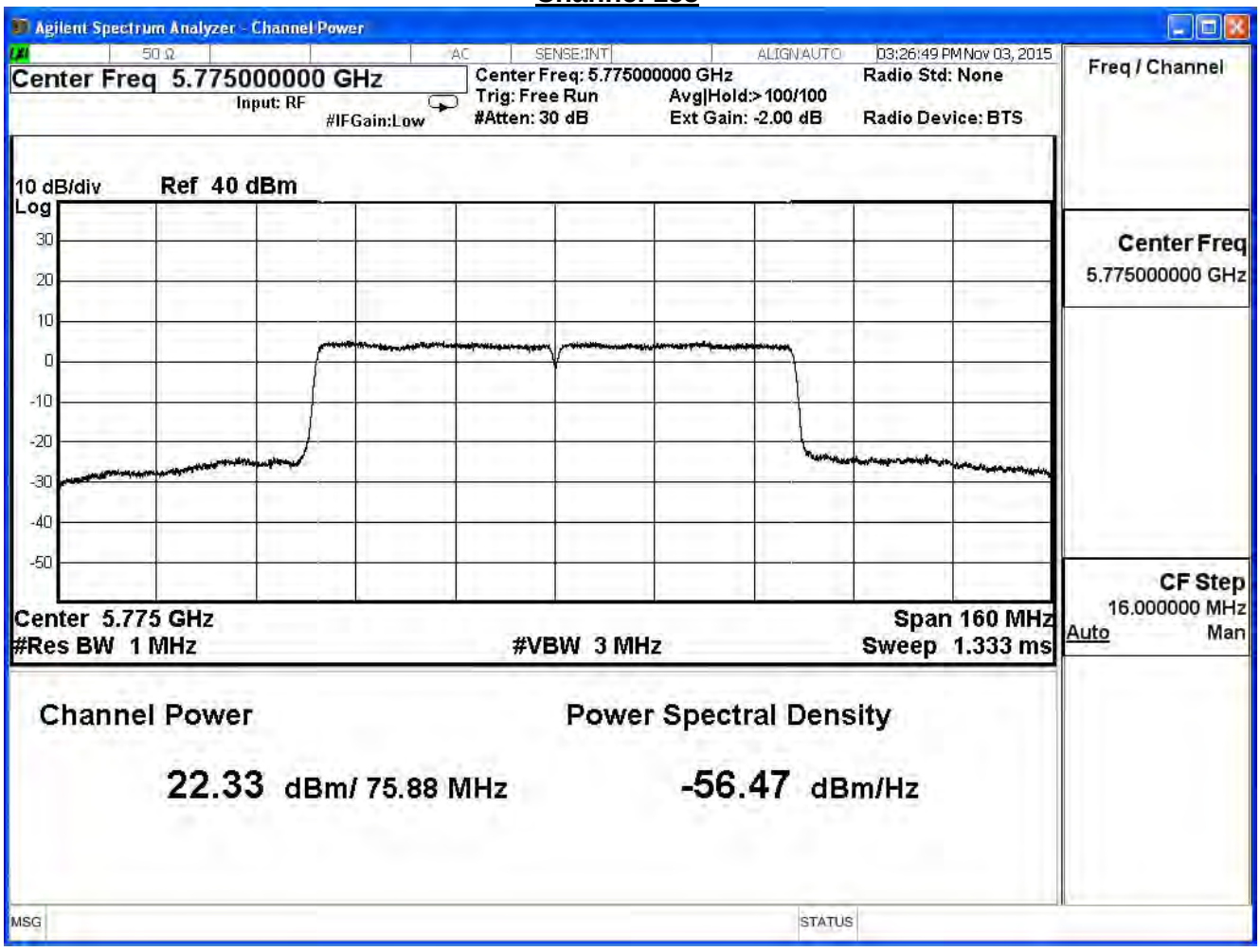
IEEE 802.11ac 80MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
155	5775	22.33	≤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	Required Limit
Channel No	Frequency (MHz)	Data Rate										
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390	
155	5775	22.33	22.13	21.93	21.83	21.73	21.63	21.51	21.27	21.15	21.03	≤30dBm

Channel 155



Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

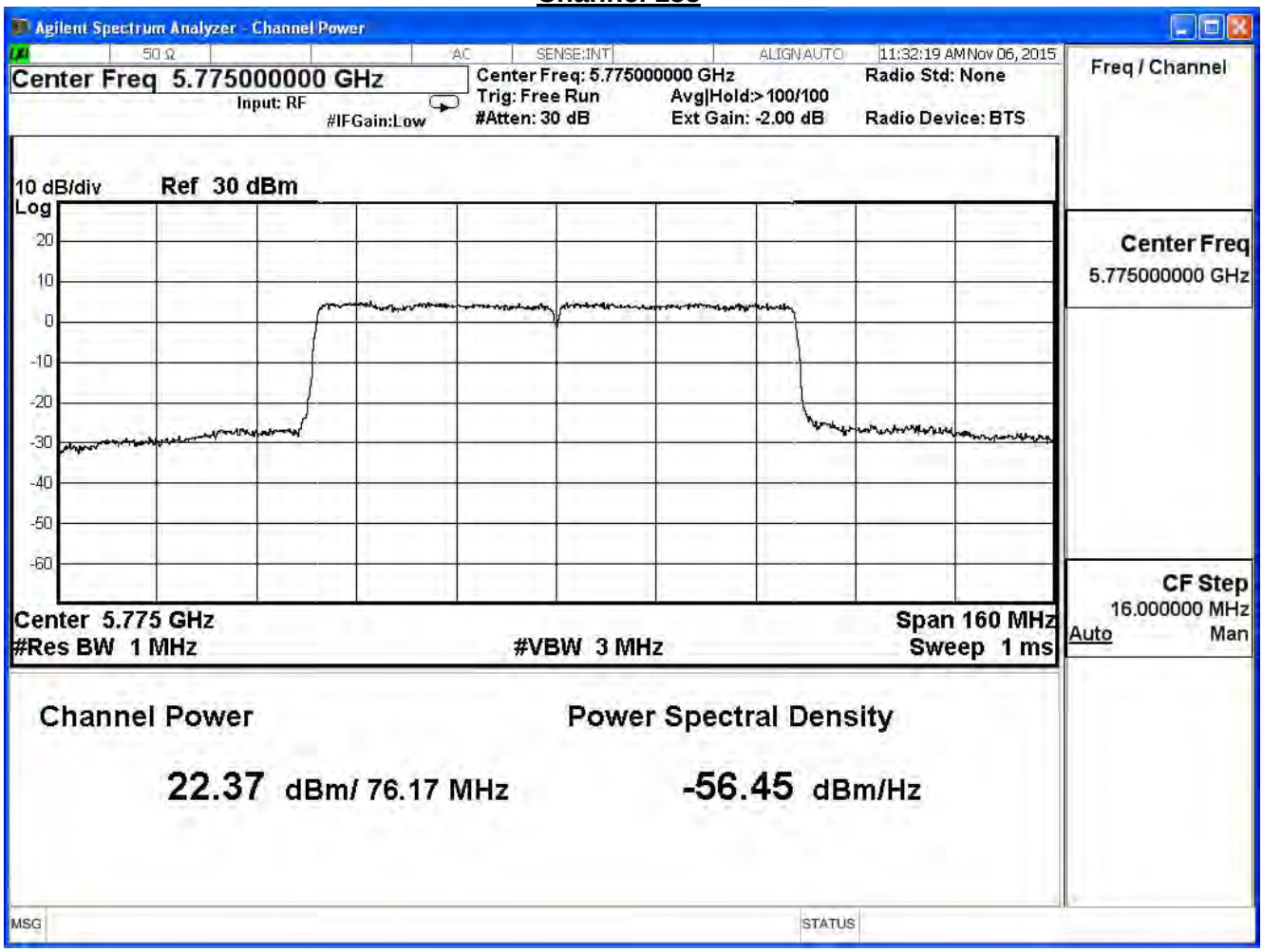
IEEE 802.11ac 80MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
155	5775	22.37	≤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	Required Limit
Channel No	Frequency (MHz)	Data Rate										
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390	
155	5775	22.37	22.28	22.07	21.97	21.85	21.67	21.43	21.31	21.19	21.07	≤30dBm

Channel 155



Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

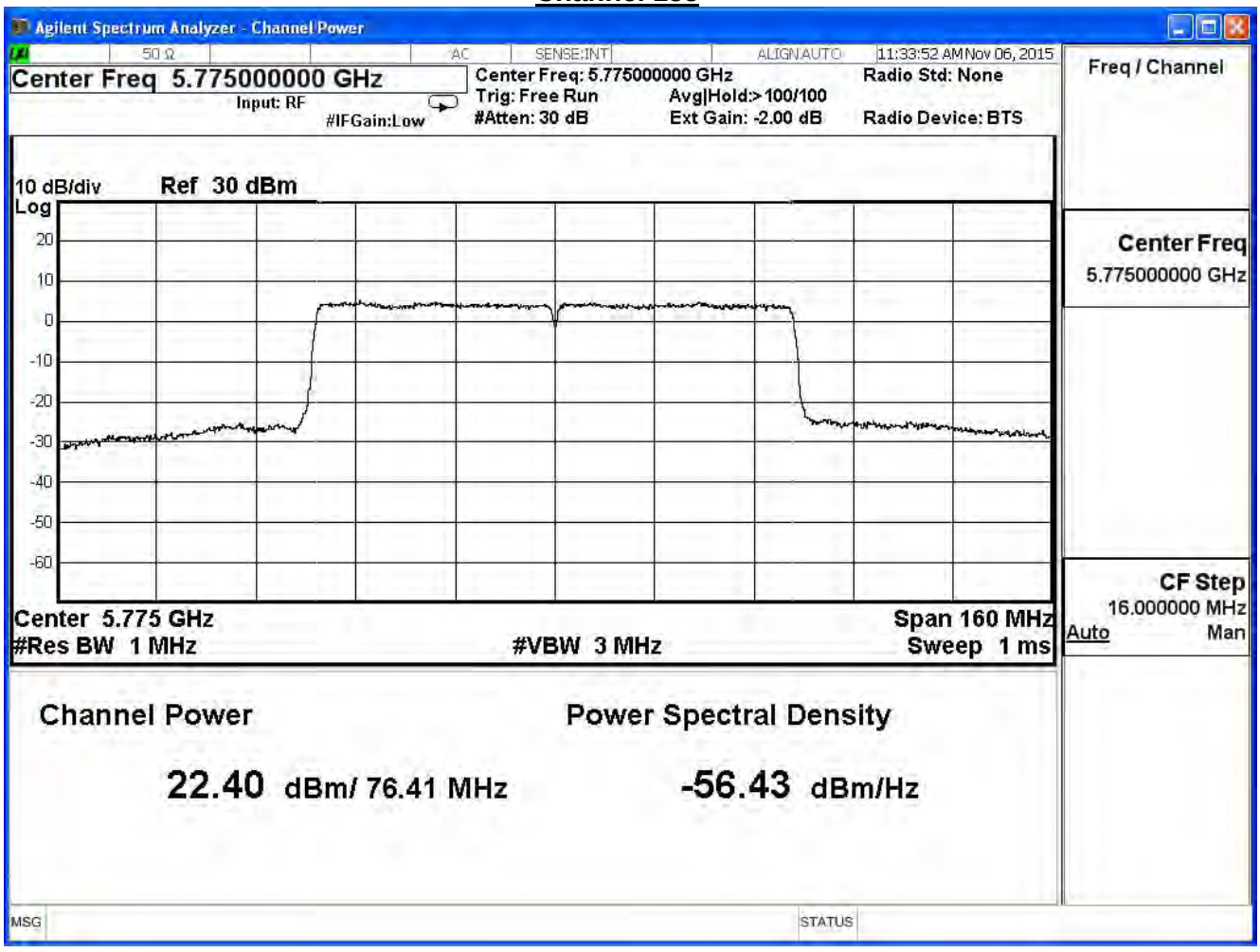
IEEE 802.11ac 80MHz (ANT 3)

Channel No.	Frequency (MHz)	**Output Power (dBm)**	Required Limit (dBm)
155	5775	22.40	≤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	Required Limit
Channel No	Frequency (MHz)	Data Rate										
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390	≤30dBm
155	5775	22.40	22.20	22.10	22.00	21.90	21.80	21.68	21.44	21.20	20.96	

Channel 155



Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_CDD Mode_Adapter 1		
Date of Test	2015/11/06	Test Site	SR7

IEEE 802.11ac 80MHz (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Required Limit (dBm)
155	5775	28.36	≤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	Required Limit
Channel No	Frequency (MHz)	Data Rate										
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390	
155	5775	28.36	28.19	28.04	27.94	27.81	27.66	24.49	27.28	27.13	26.95	≤30dBm

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_Beamforming Mode_Adapter 1		
Date of Test	2015/11/17	Test Site	SR7

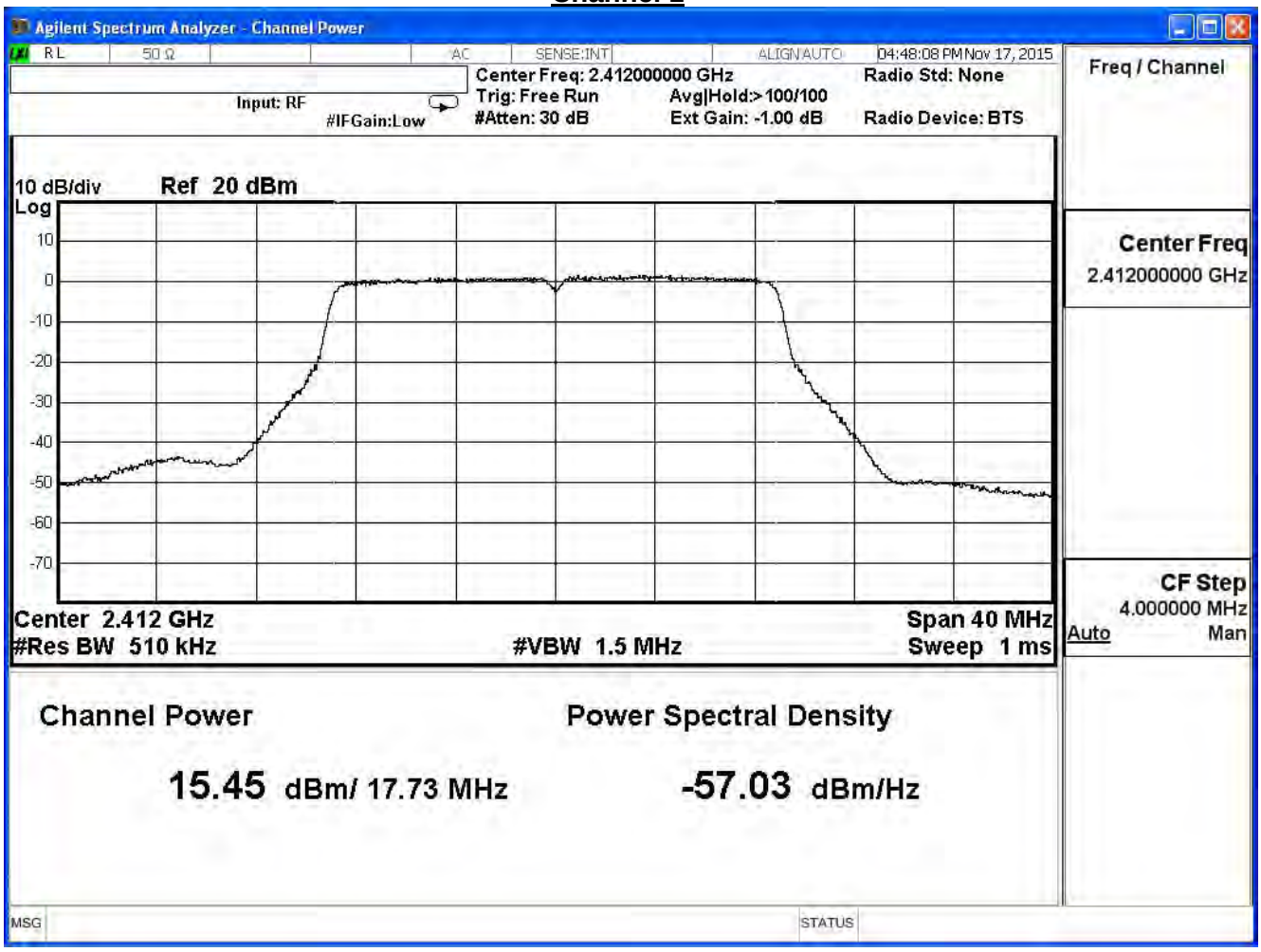
IEEE 802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.45	≦27.80
2	2417	17.98	≦27.80
6	2437	21.32	≦27.80
10	2457	18.87	≦27.80
11	2462	14.19	≦27.80

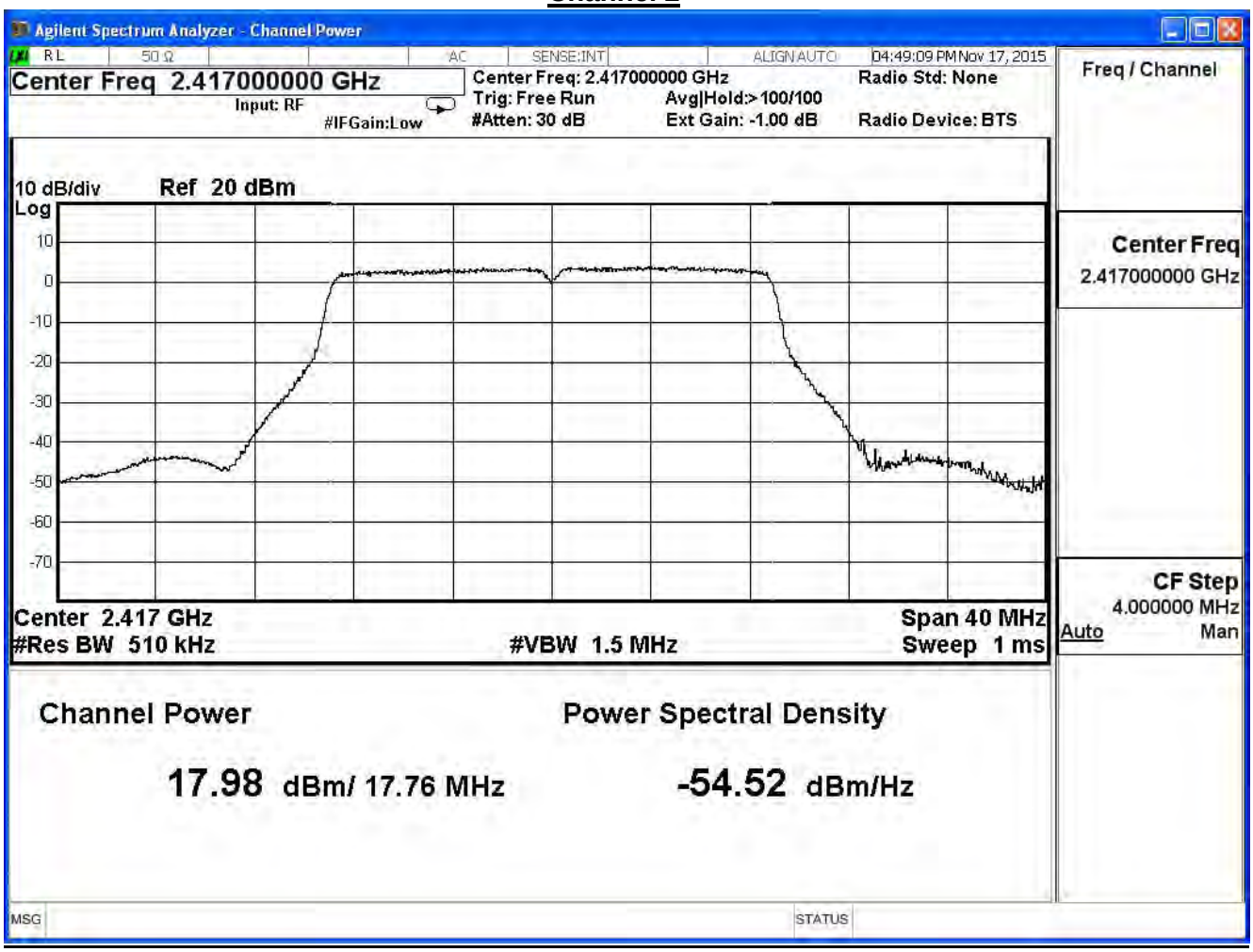
The worst emission of data rate is 6.5Mbps

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	15.45	--	--	--	--	--	--	--	≦27.80
2	2417	17.98	--	--	--	--	--	--	--	≦27.80
6	2437	21.32	21.27	21.24	21.18	21.11	21.05	21.01	20.92	≦27.80
10	2457	18.87	--	--	--	--	--	--	--	≦27.80
11	2462	14.19	--	--	--	--	--	--	--	≦27.80

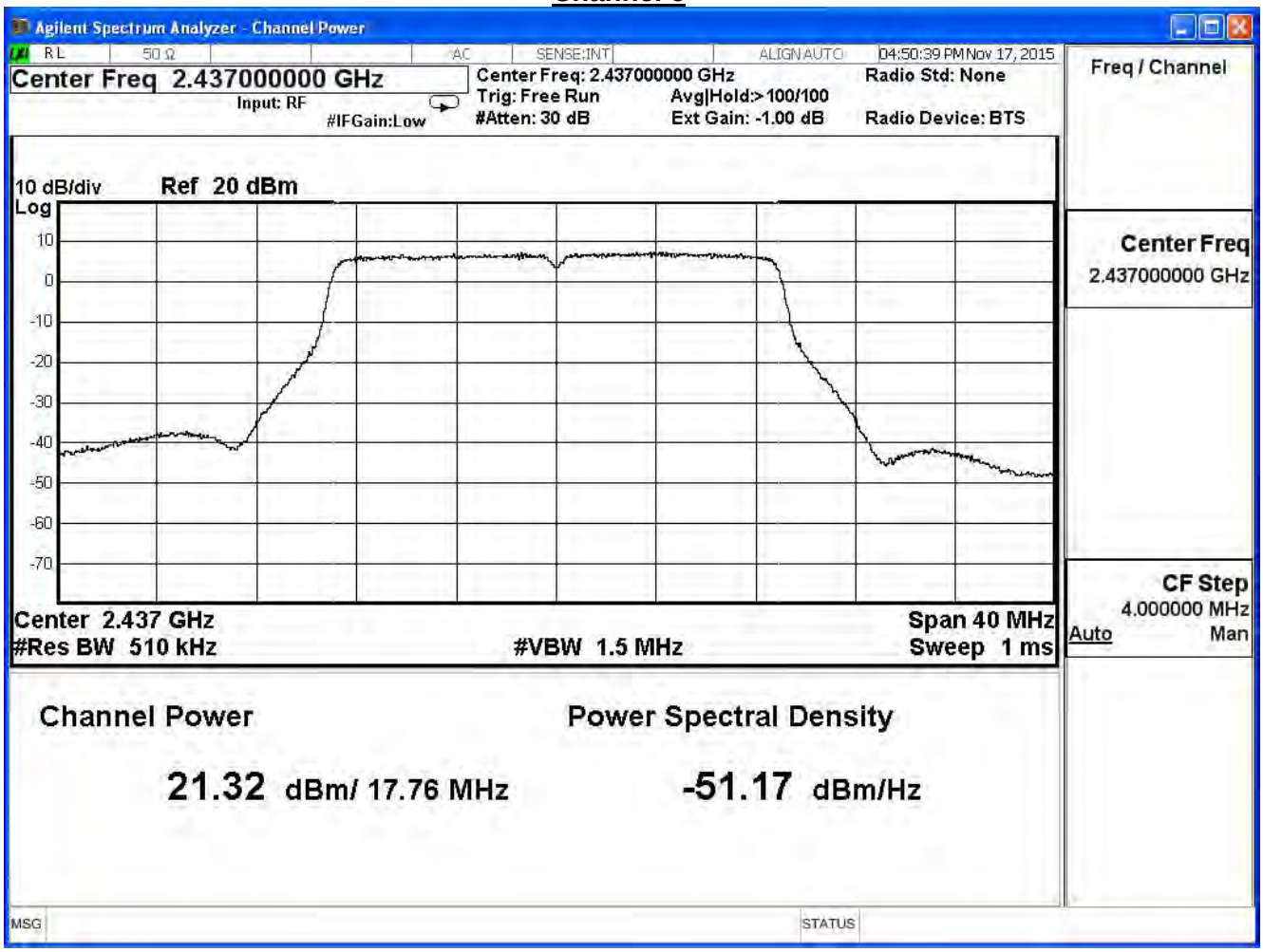
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:48:08 PM Nov 17, 2015
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Input: RF
#IFGain:Low
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
15.45 dBm/ 17.73 MHz
Power Spectral Density
-57.03 dBm/Hz
MSG
STATUS

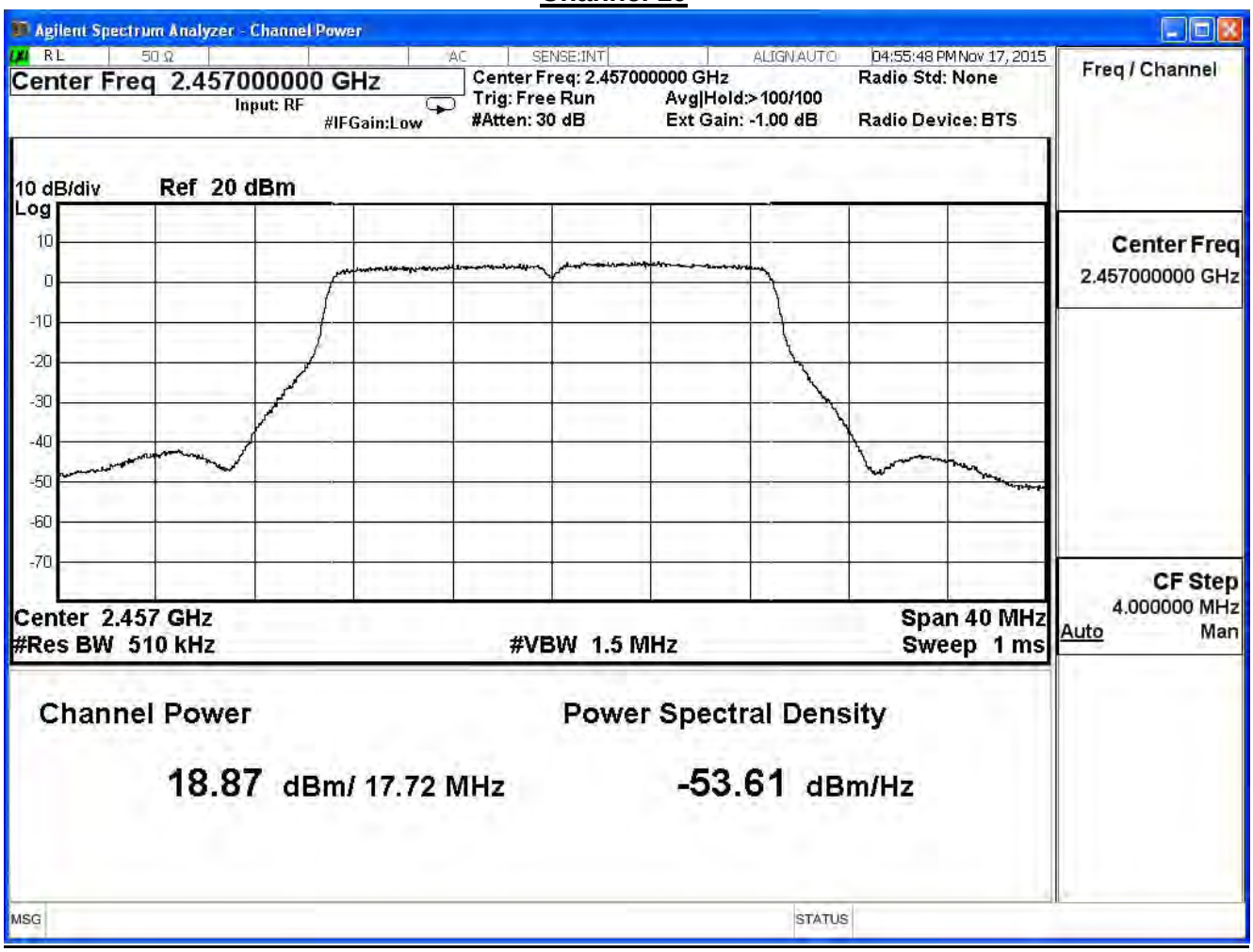
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:49:09 PM Nov 17, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.417000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
17.98 dBm/ 17.76 MHz
Power Spectral Density
-54.52 dBm/Hz
MSG
STATUS

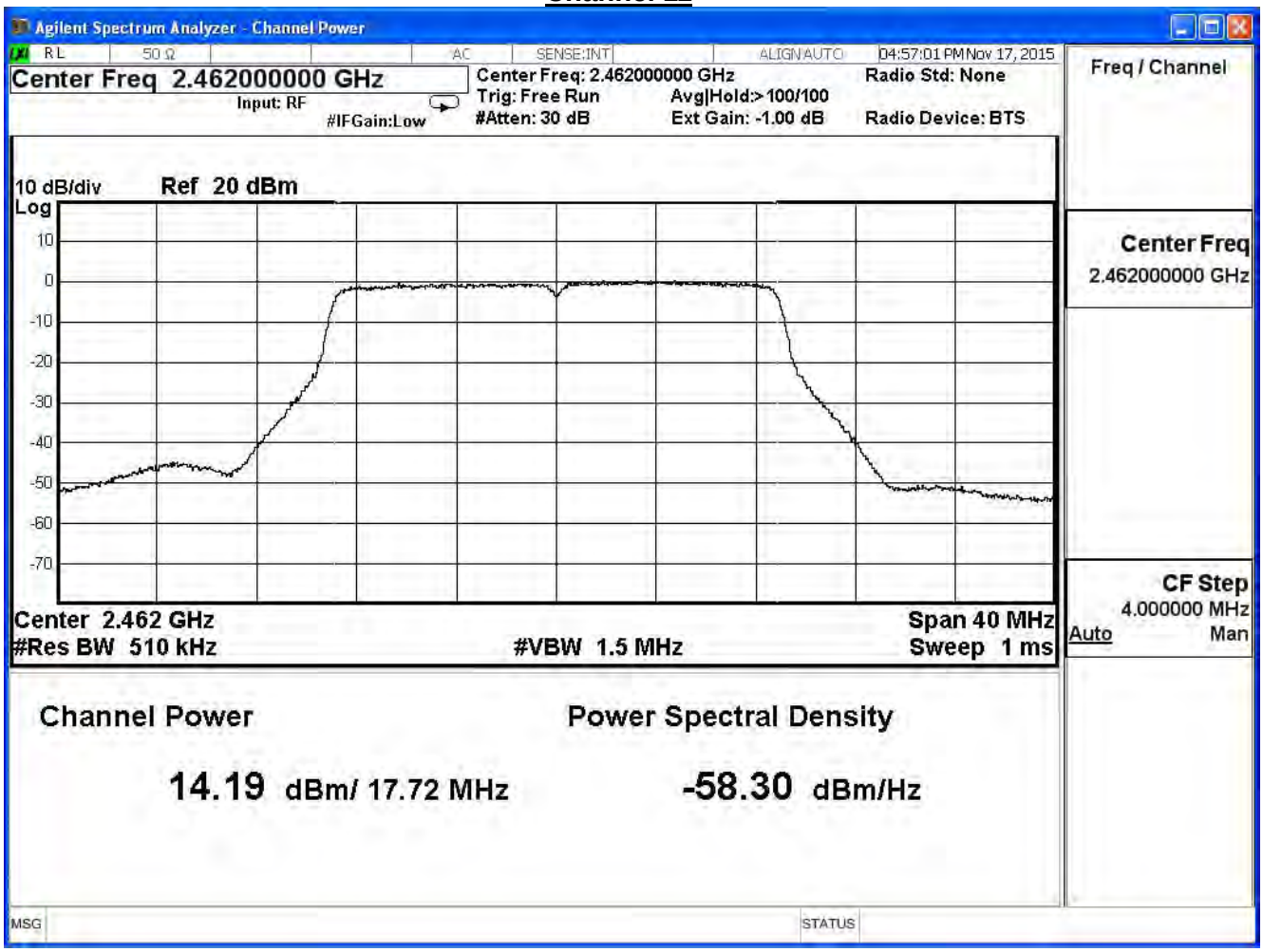
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:50:39 PM Nov 17, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
21.32 dBm/ 17.76 MHz
Power Spectral Density
-51.17 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:55:48 PM Nov 17, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
18.87 dBm/ 17.72 MHz
Power Spectral Density
-53.61 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:57:01 PM Nov 17, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
14.19 dBm/ 17.72 MHz
Power Spectral Density
-58.30 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_Beamforming Mode_Adapter 1		
Date of Test	2015/11/17	Test Site	SR7

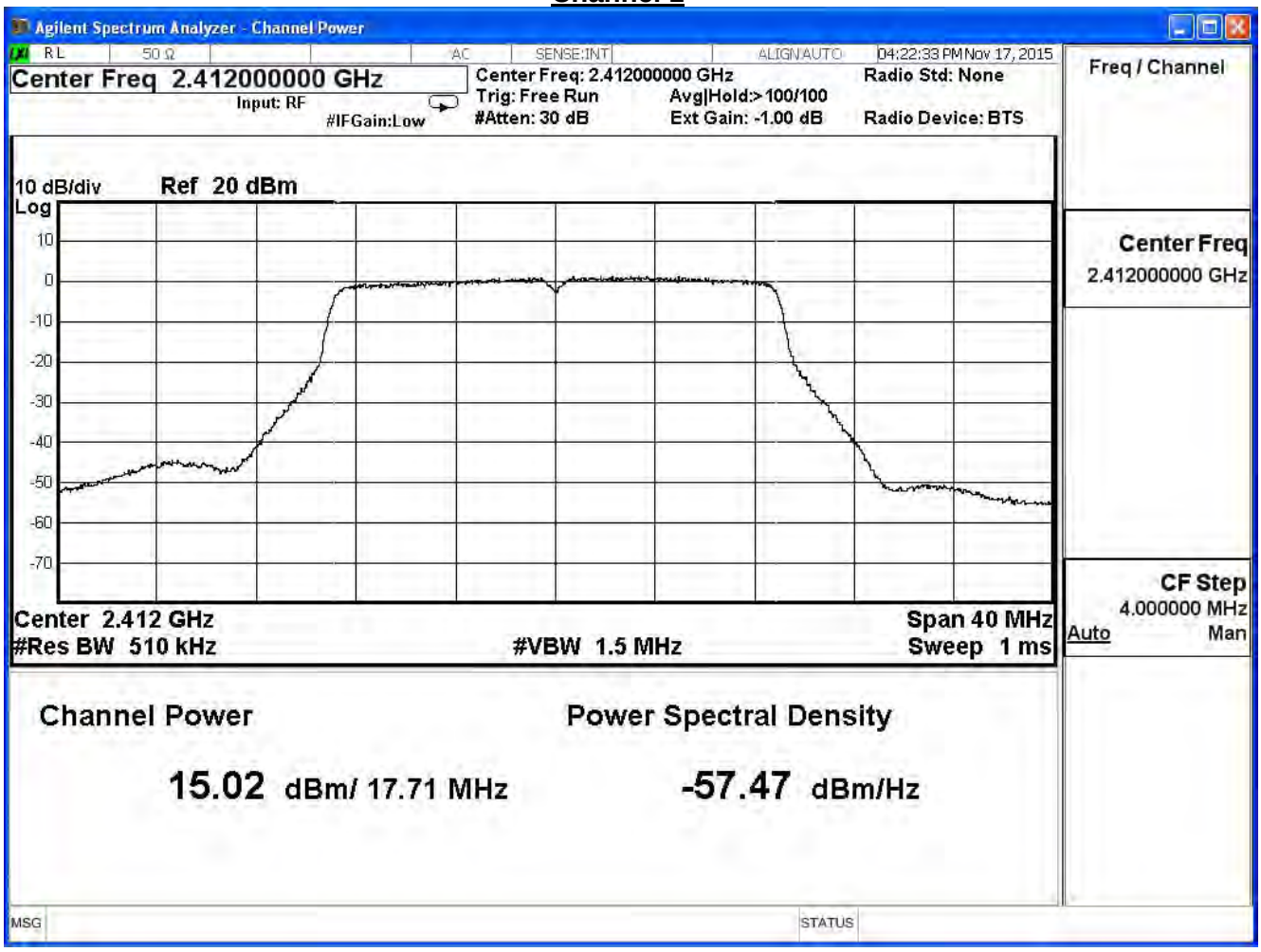
IEEE 802.11n_20M (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.02	≦27.80
2	2417	17.53	≦27.80
6	2437	21.14	≦27.80
10	2457	18.38	≦27.80
11	2462	14.21	≦27.80

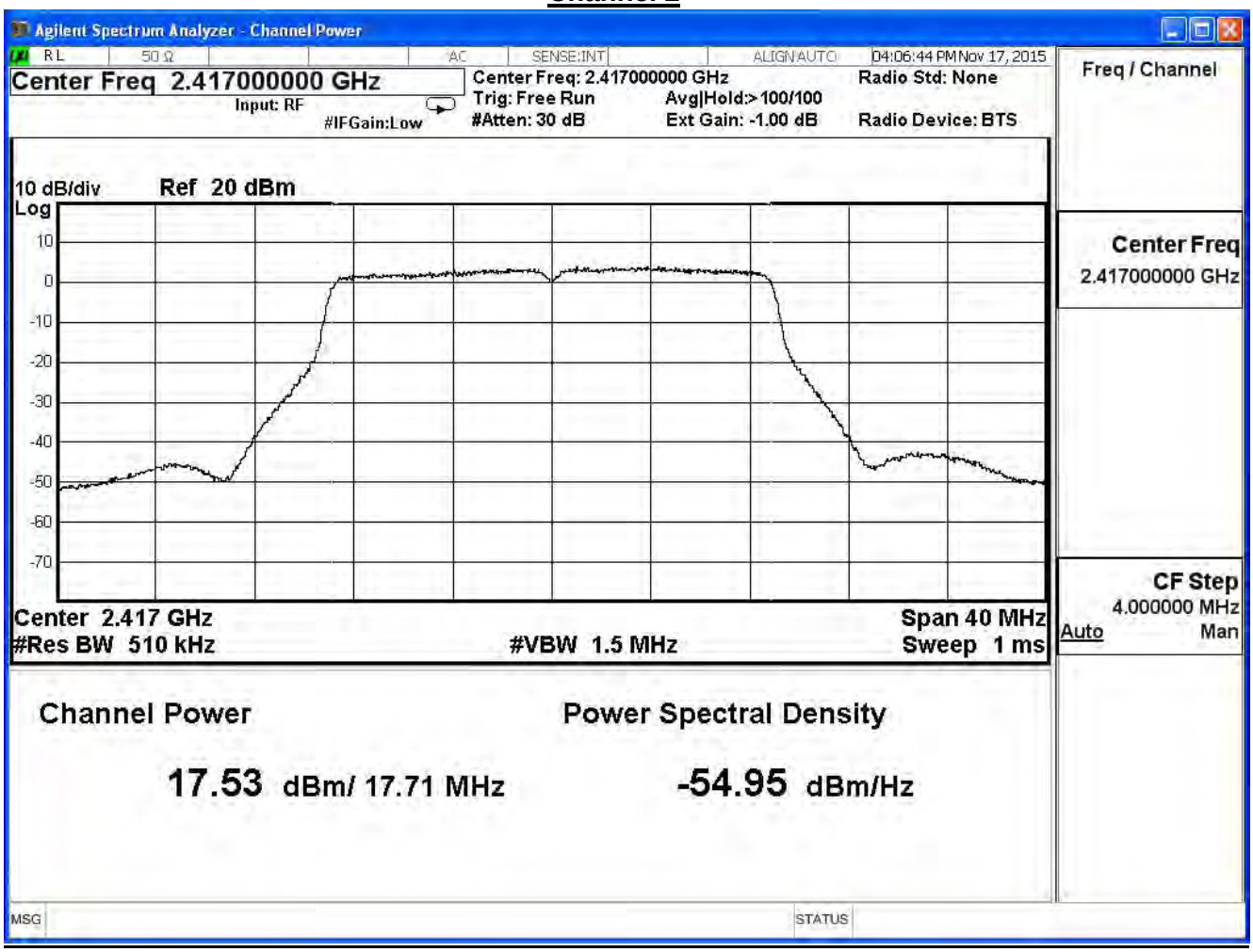
The worst emission of data rate is 6.5Mbps

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	15.02	--	--	--	--	--	--	--	≦27.80
2	2417	17.53	--	--	--	--	--	--	--	≦27.80
6	2437	21.14	21.07	21.01	20.95	20.90	20.84	20.78	20.70	≦27.80
10	2457	18.38	--	--	--	--	--	--	--	≦27.80
11	2462	14.21	--	--	--	--	--	--	--	≦27.80

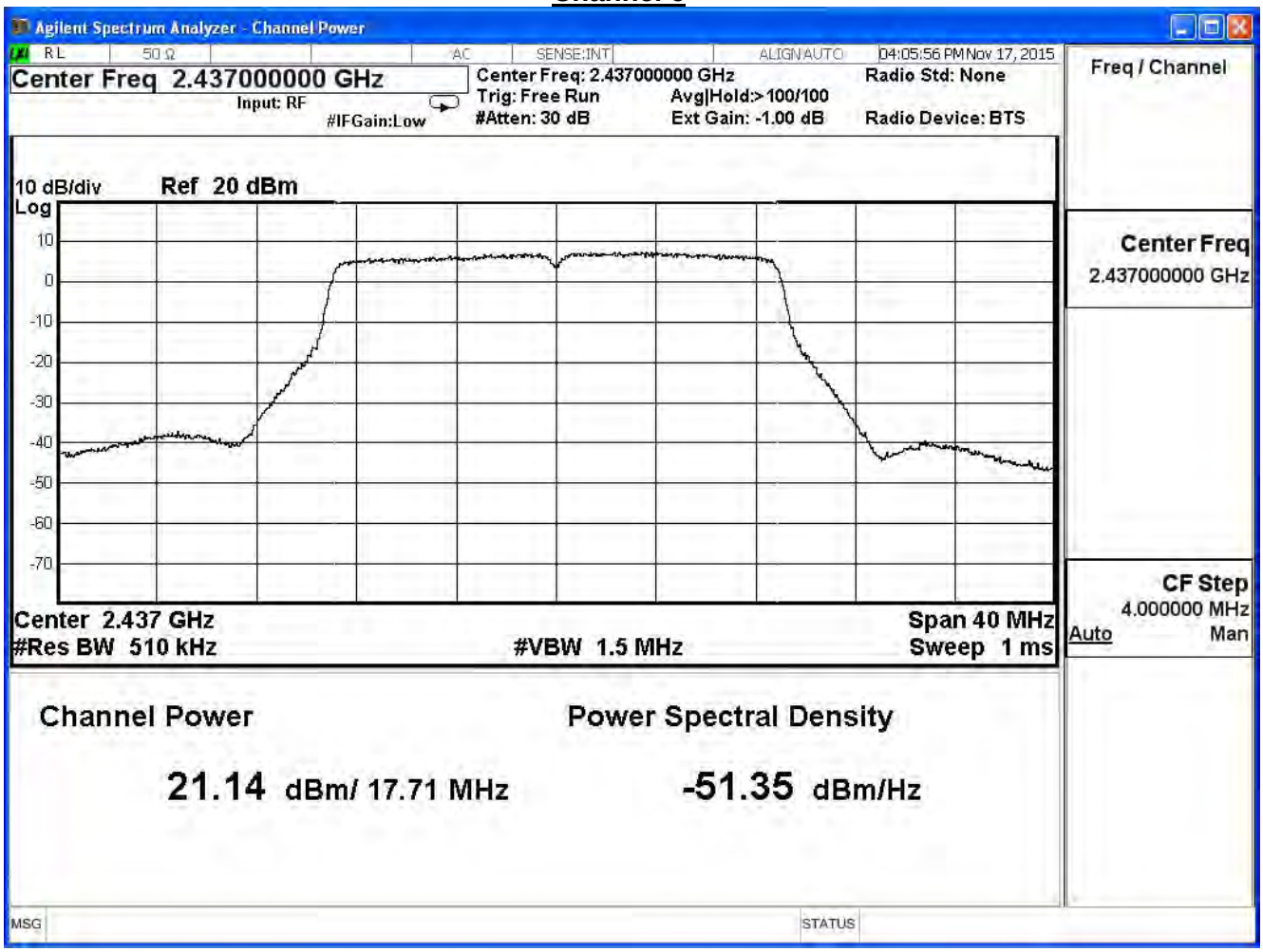
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:22:33 PM Nov 17, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
15.02 dBm/ 17.71 MHz
Power Spectral Density
-57.47 dBm/Hz
MSG
STATUS

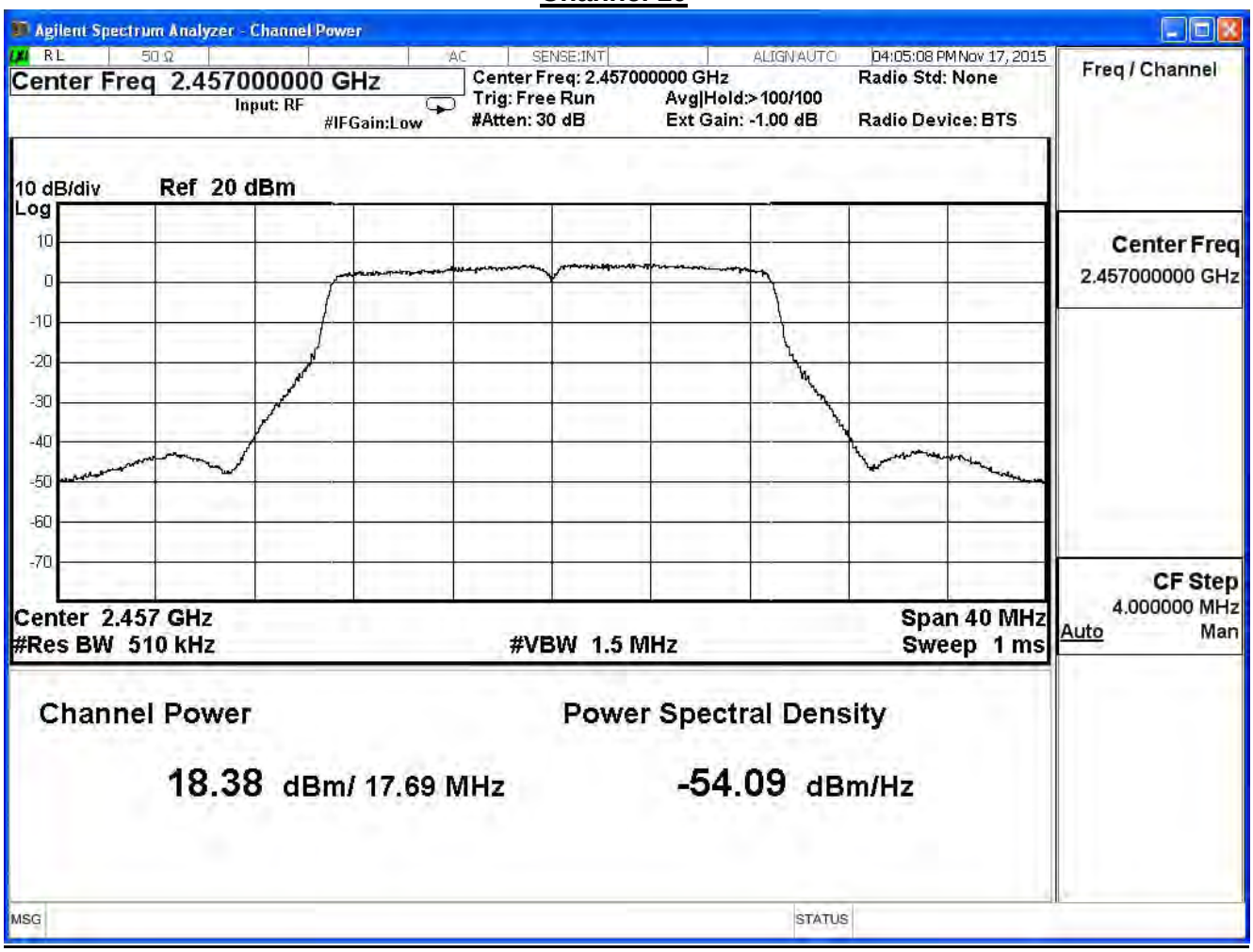
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:06:44 PM Nov 17, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.417000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
17.53 dBm/ 17.71 MHz
Power Spectral Density
-54.95 dBm/Hz
MSG
STATUS

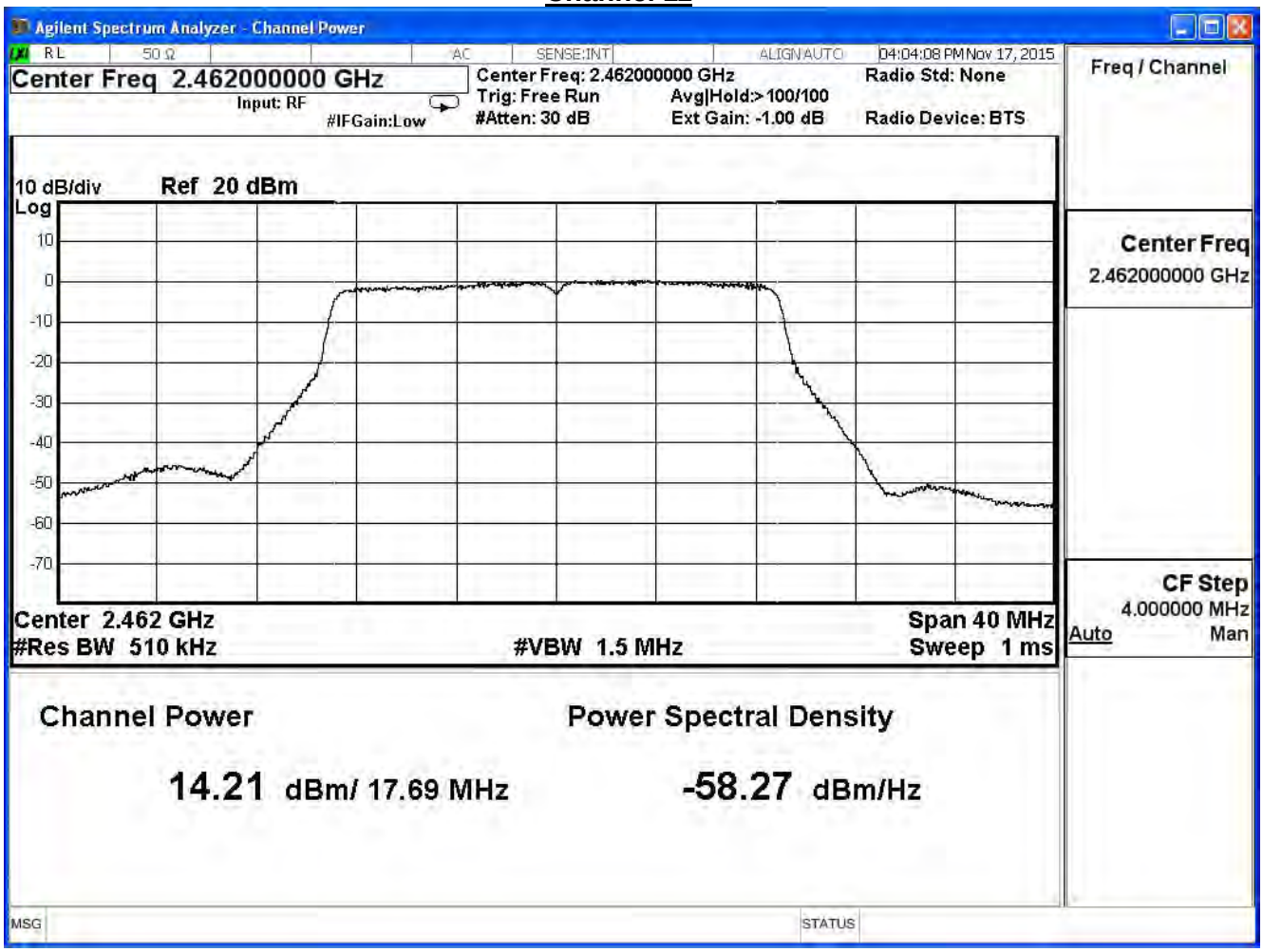
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:05:56 PM Nov 17, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
21.14 dBm/ 17.71 MHz
Power Spectral Density
-51.35 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:05:08 PM Nov 17, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.457000000 GHz
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
18.38 dBm/ 17.69 MHz
Power Spectral Density
-54.09 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:04:08 PM Nov 17, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
14.21 dBm/ 17.69 MHz
Power Spectral Density
-58.27 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_Beamforming Mode_Adapter 1		
Date of Test	2015/11/17	Test Site	SR7

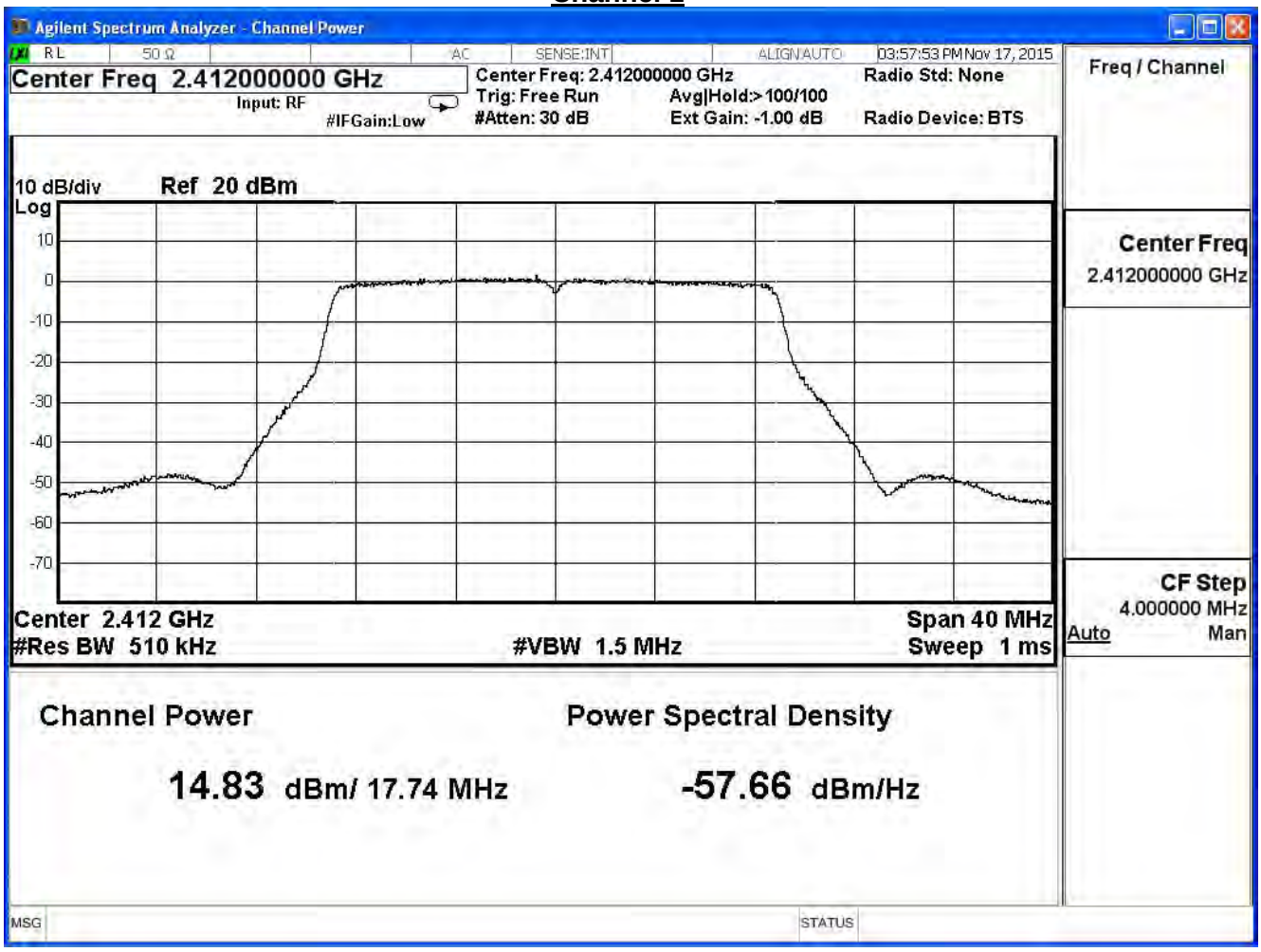
IEEE 802.11n_20M (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	14.83	≦27.80
2	2417	17.59	≦27.80
6	2437	21.17	≦27.80
10	2457	18.30	≦27.80
11	2462	13.87	≦27.80

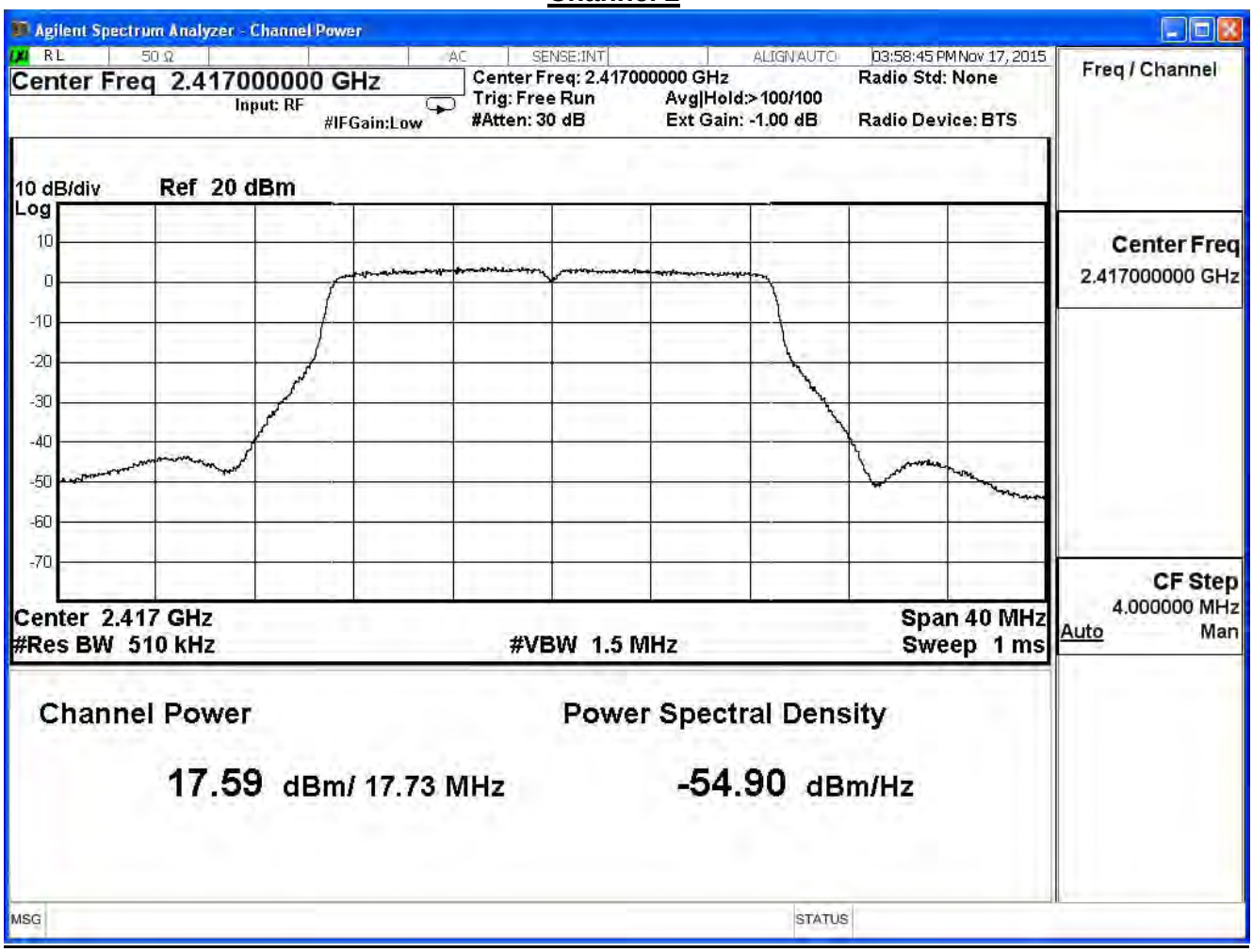
The worst emission of data rate is 6.5Mbps

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	14.83	--	--	--	--	--	--	--	≦27.80
2	2417	17.59	--	--	--	--	--	--	--	≦27.80
6	2437	21.17	21.09	21.01	20.94	20.90	20.84	20.75	20.67	≦27.80
10	2457	18.30	--	--	--	--	--	--	--	≦27.80
11	2462	13.87	--	--	--	--	--	--	--	≦27.80

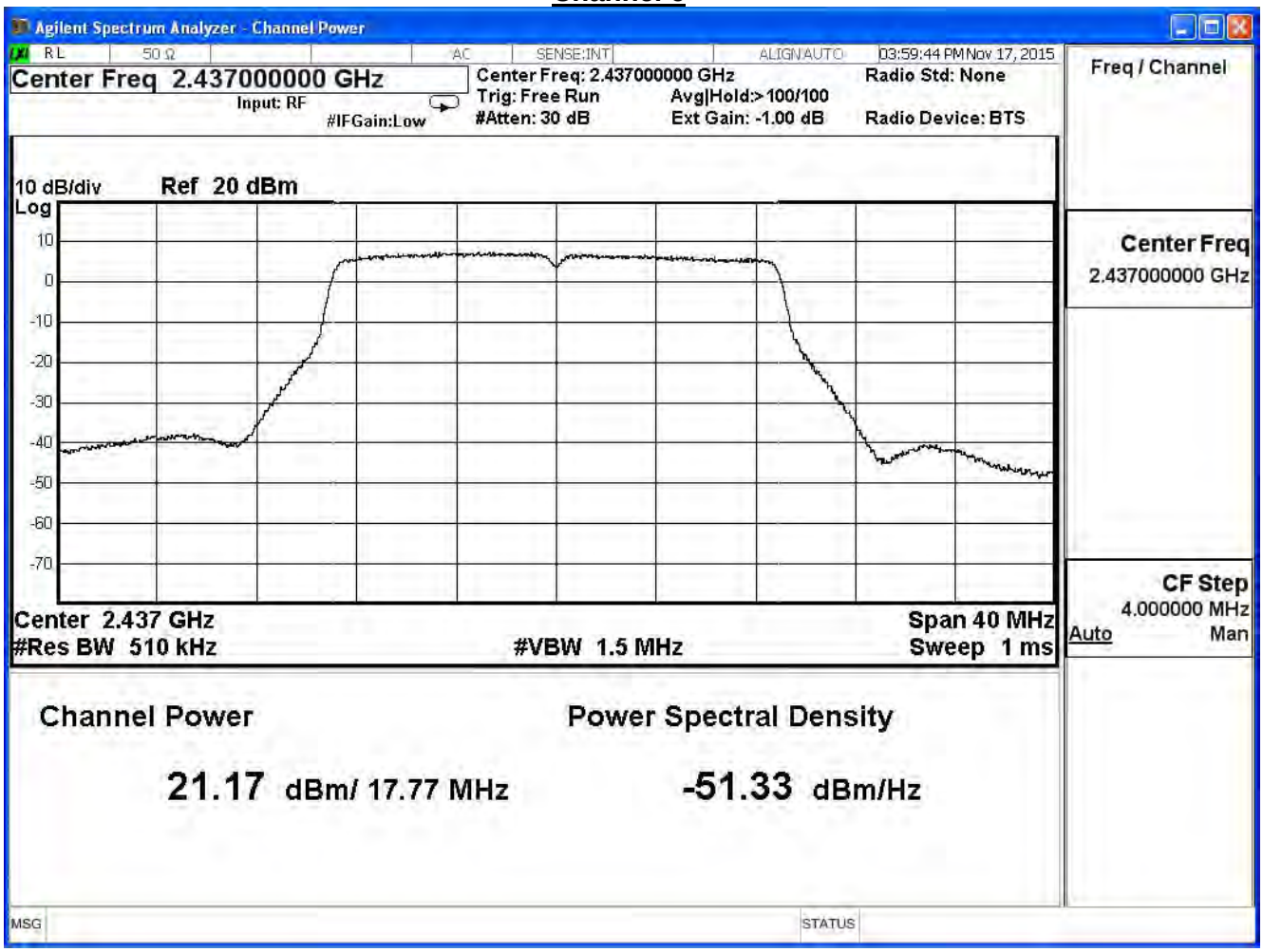
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:57:53 PM Nov 17, 2015
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
14.83 dBm/ 17.74 MHz
Power Spectral Density
-57.66 dBm/Hz
MSG
STATUS

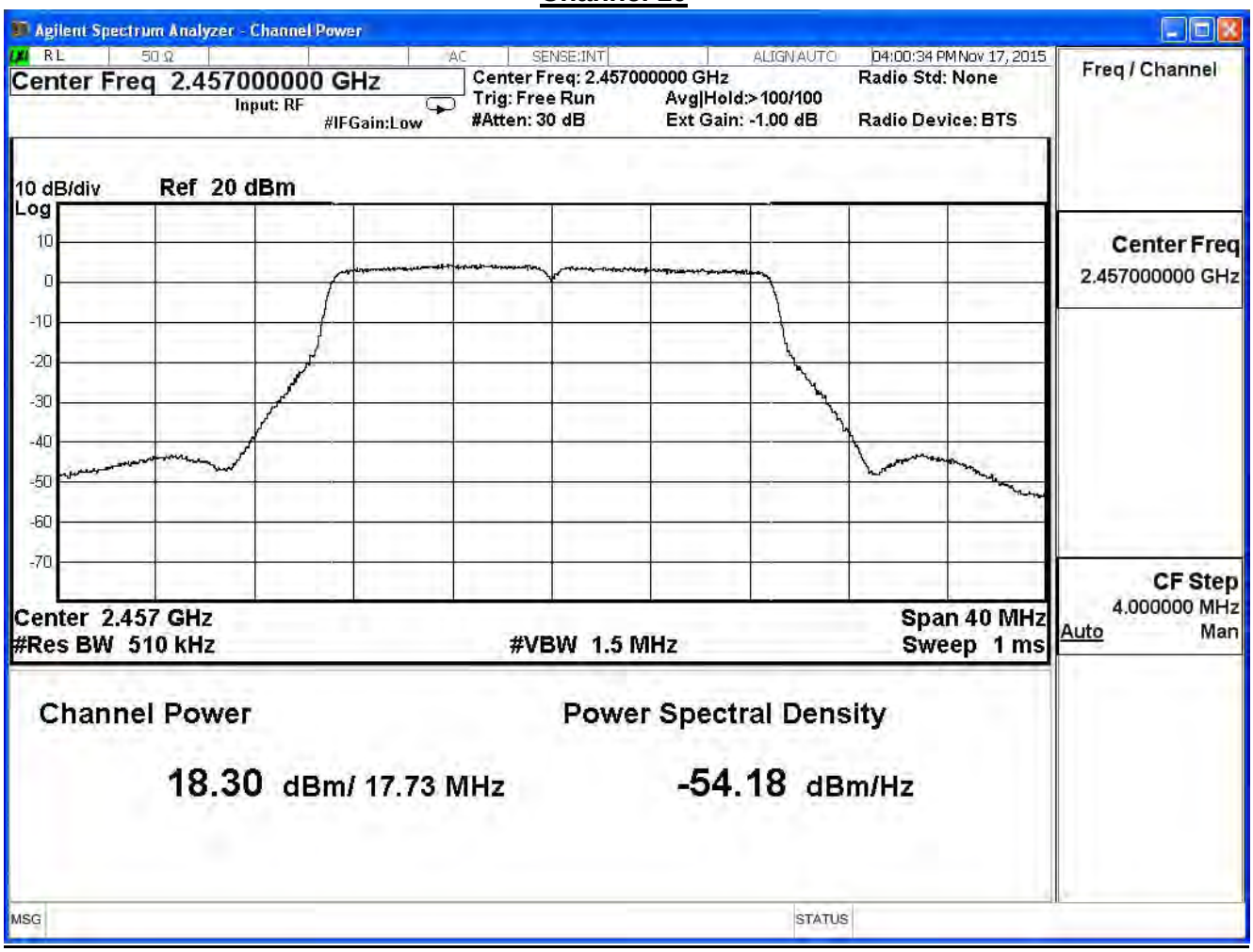
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:58:45 PM Nov 17, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
17.59 dBm/ 17.73 MHz
Power Spectral Density
-54.90 dBm/Hz
MSG
STATUS

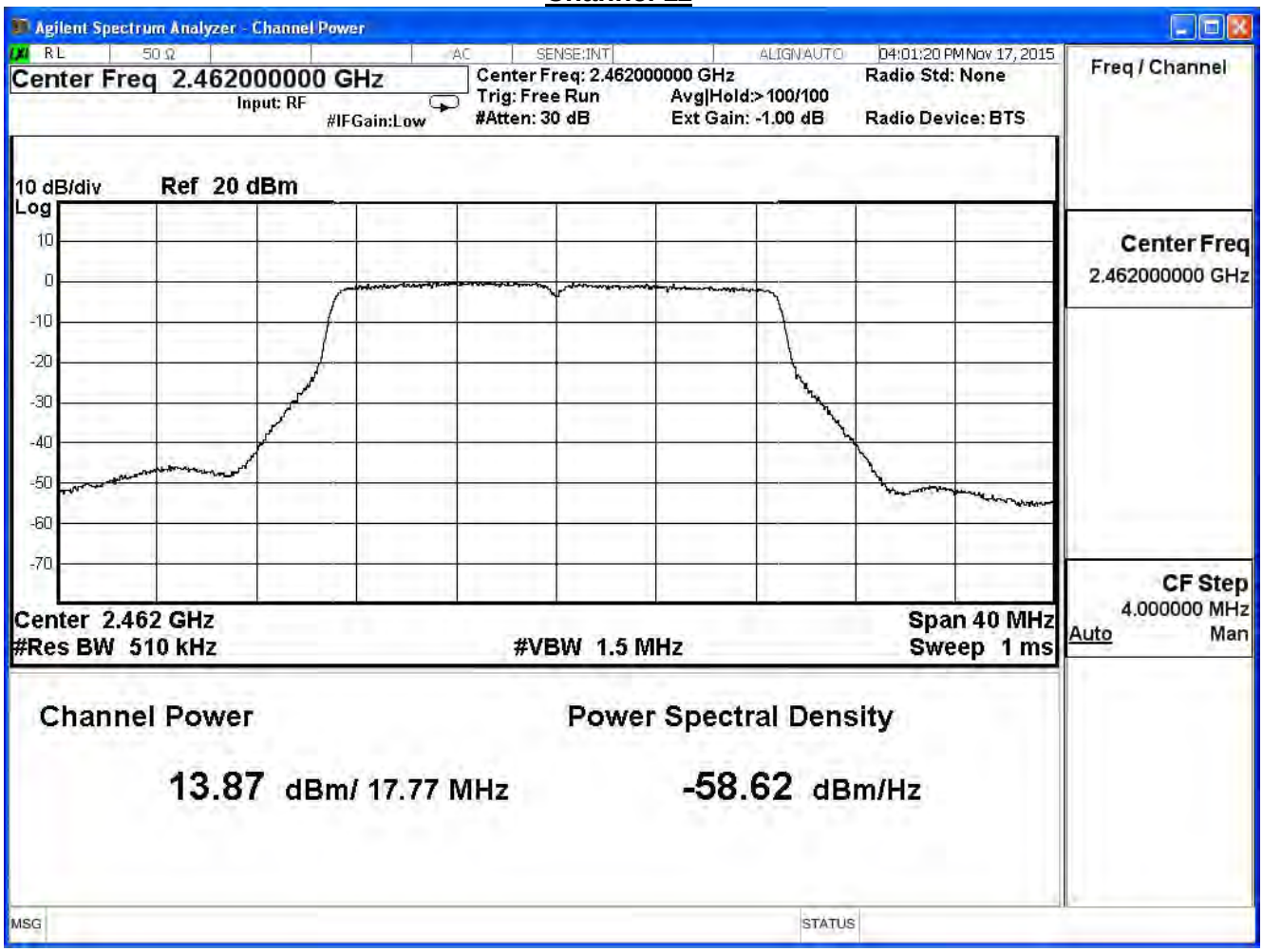
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:59:44 PM Nov 17, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
21.17 dBm/ 17.77 MHz
Power Spectral Density
-51.33 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:00:34 PM Nov 17, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
18.30 dBm/ 17.73 MHz
Power Spectral Density
-54.18 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:01:20 PM Nov 17, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
13.87 dBm/ 17.77 MHz
Power Spectral Density
-58.62 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_Beamforming Mode_Adapter 1		
Date of Test	2015/11/17	Test Site	SR7

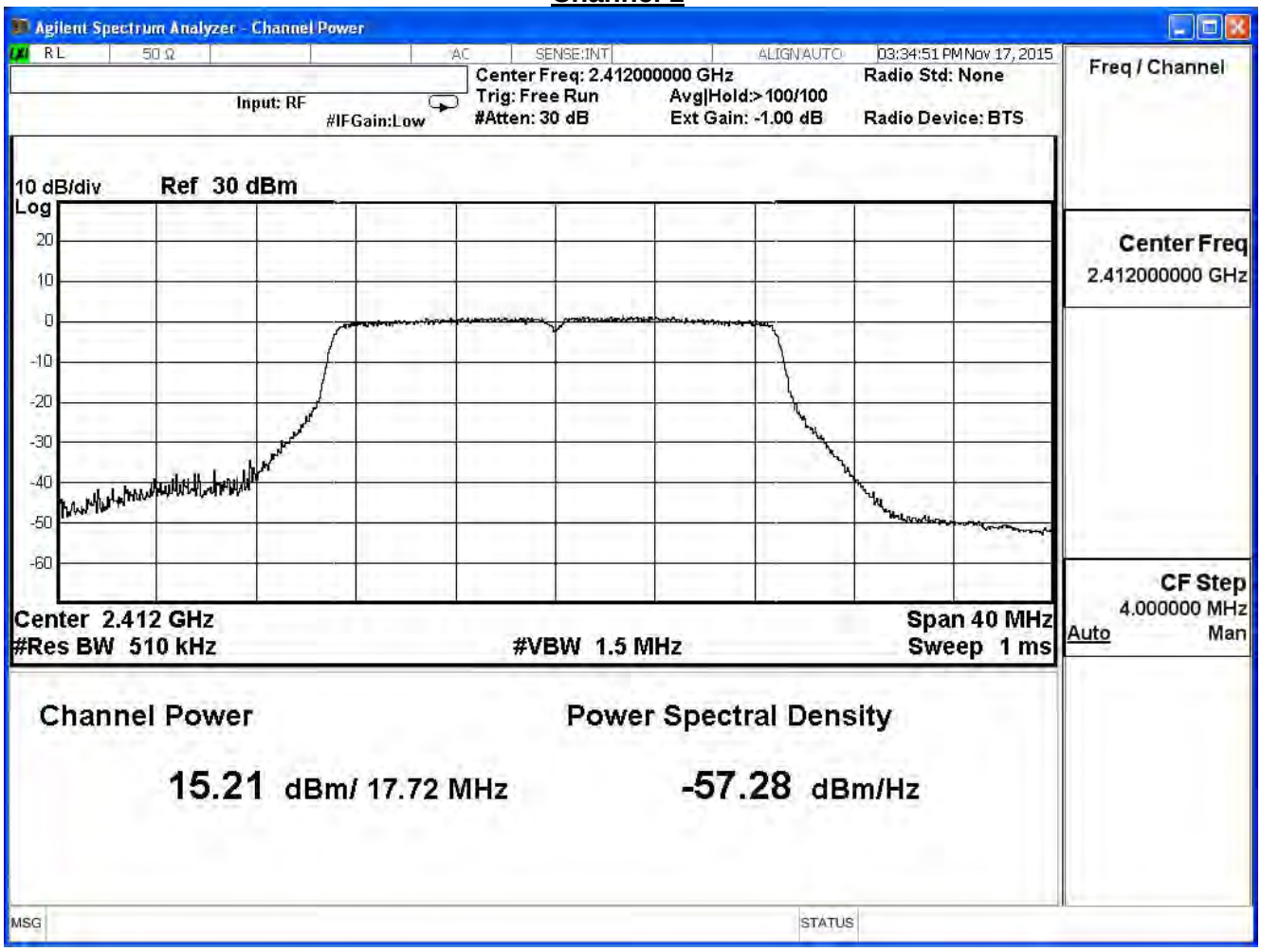
IEEE 802.11n_20M (ANT 3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.21	≦27.80
2	2417	17.51	≦27.80
6	2437	21.11	≦27.80
10	2457	18.37	≦27.80
11	2462	13.83	≦27.80

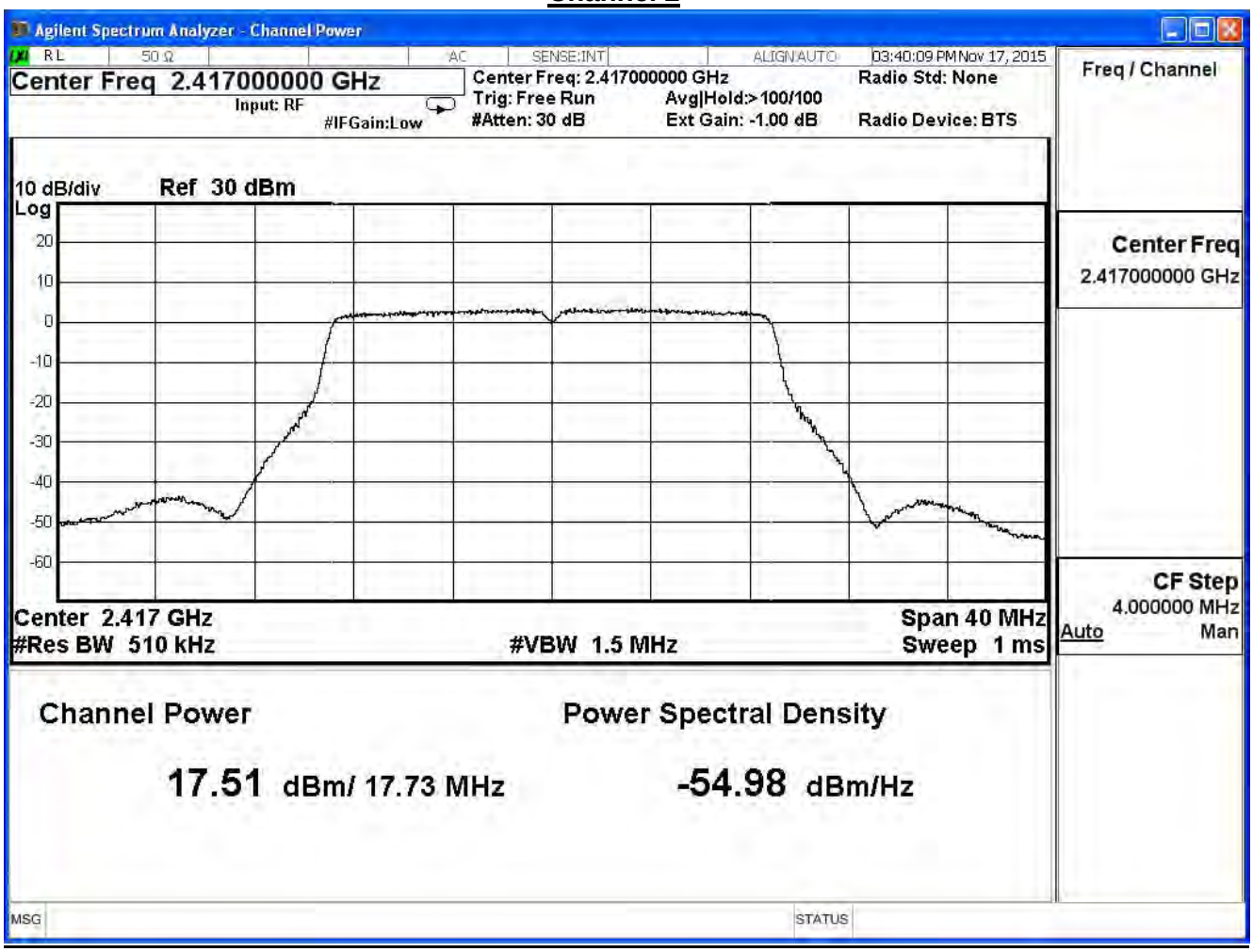
The worst emission of data rate is 6.5Mbps

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	15.21	--	--	--	--	--	--	--	≦27.80
2	2417	17.51	--	--	--	--	--	--	--	≦27.80
6	2437	21.11	21.05	20.97	20.91	20.84	20.74	20.66	20.57	≦27.80
10	2457	18.37	--	--	--	--	--	--	--	≦27.80
11	2462	13.83	--	--	--	--	--	--	--	≦27.80

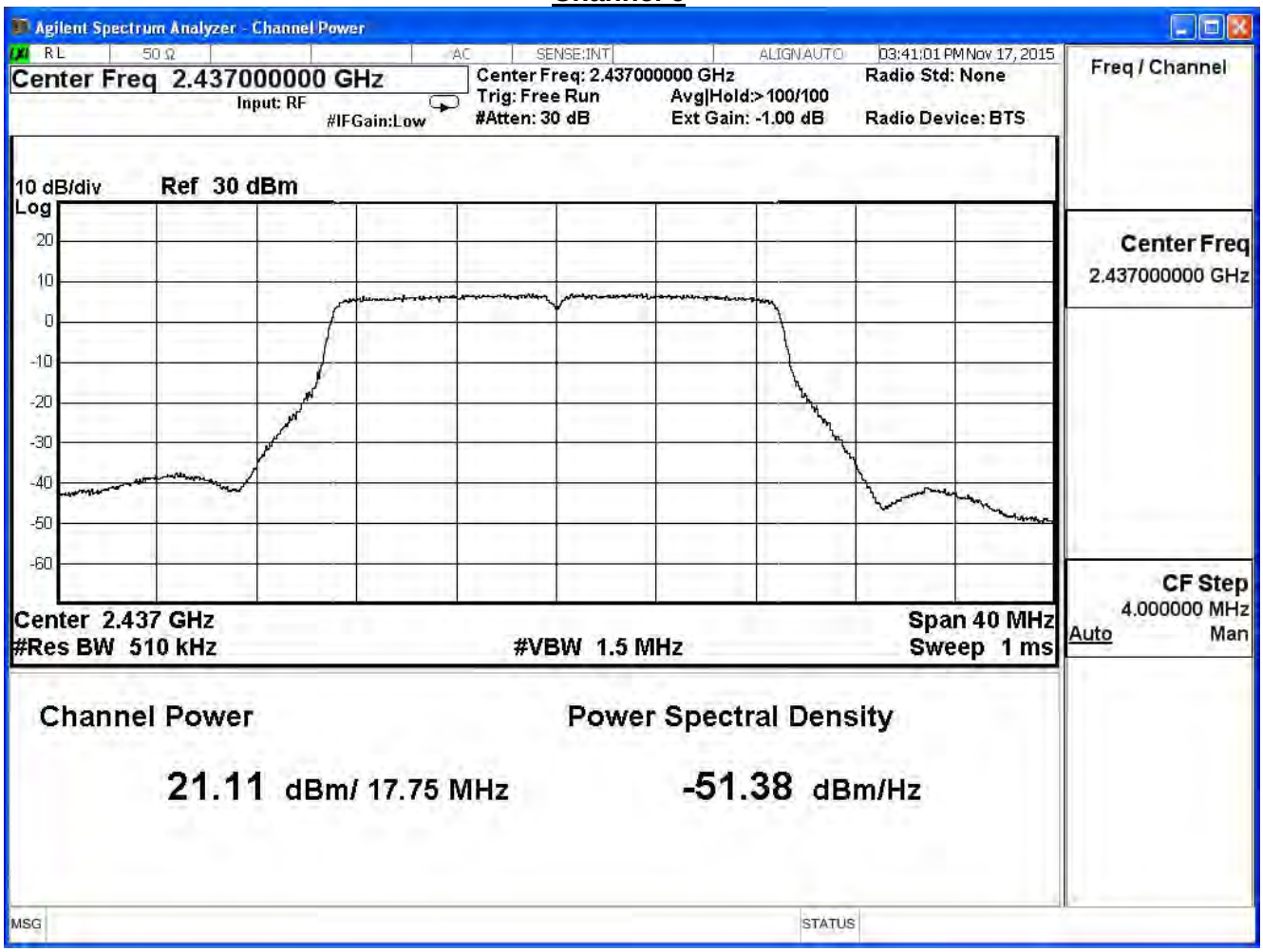
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:34:51 PM Nov 17, 2015
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Input: RF
#IFGain:Low
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
15.21 dBm/ 17.72 MHz
Power Spectral Density
-57.28 dBm/Hz
MSG
STATUS

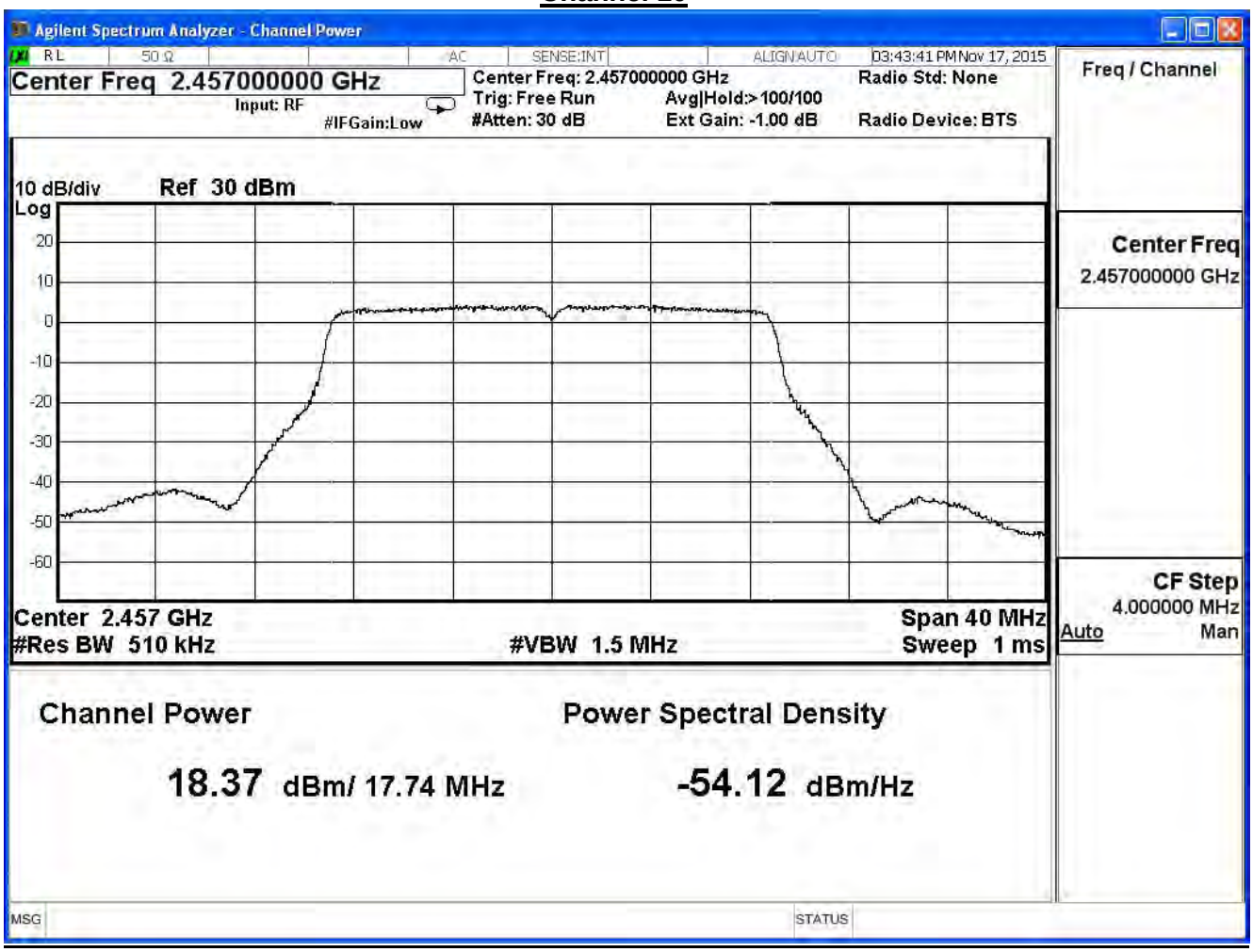
Channel 2


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:40:09 PM Nov 17, 2015
Center Freq 2.417000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.417000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.417000000 GHz
Center 2.417 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
17.51 dBm/ 17.73 MHz
Power Spectral Density
-54.98 dBm/Hz
MSG
STATUS

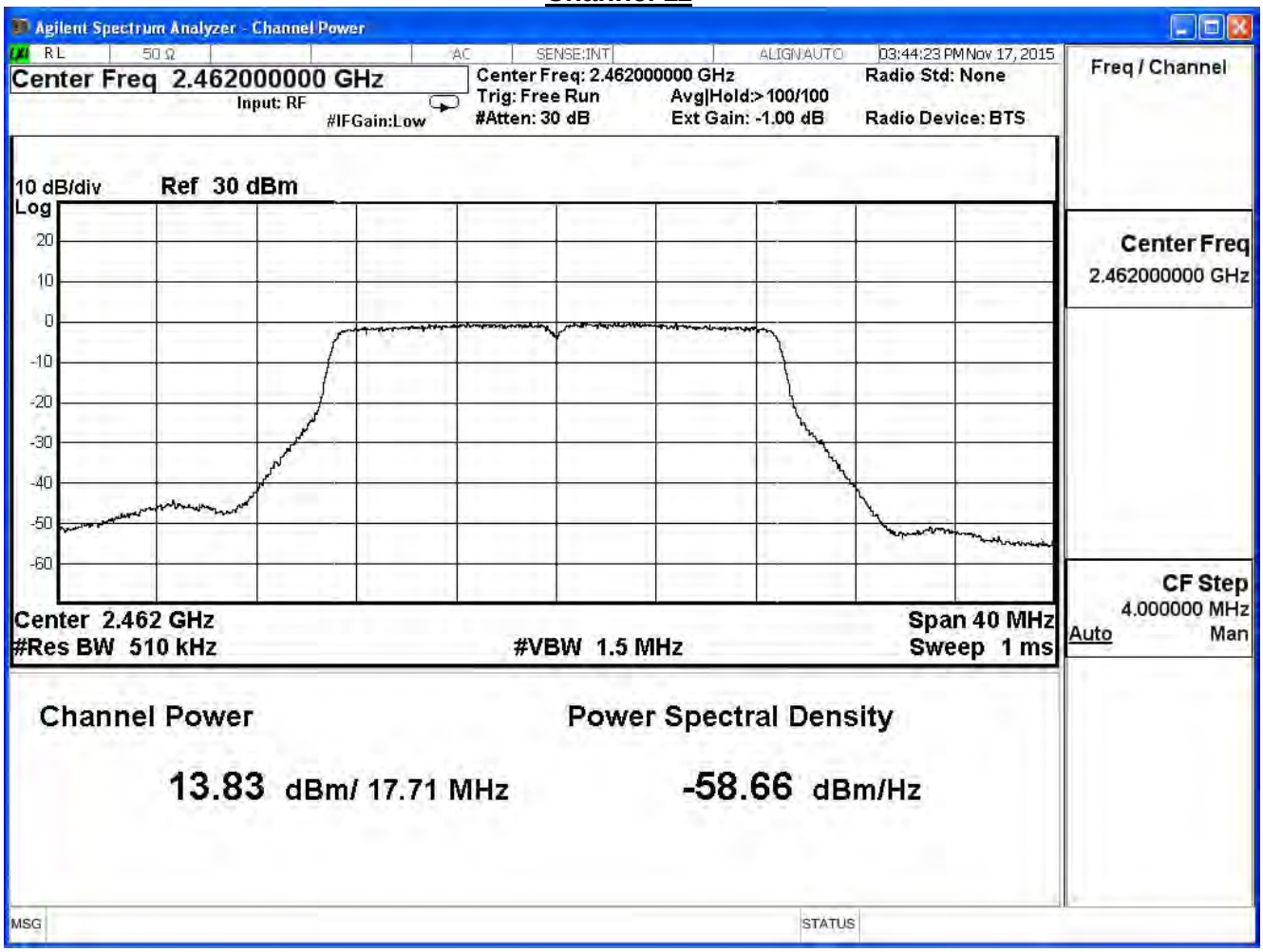
Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:41:01 PM Nov 17, 2015
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
21.11 dBm/ 17.75 MHz
Power Spectral Density
-51.38 dBm/Hz
MSG
STATUS

Channel 10


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:43:41 PM Nov 17, 2015
Center Freq 2.457000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.457000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.457 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
Channel Power
18.37 dBm/ 17.74 MHz
Power Spectral Density
-54.12 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
03:44:23 PM Nov 17, 2015
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
13.83 dBm/ 17.71 MHz
Power Spectral Density
-58.66 dBm/Hz
MSG
STATUS

Product	Wireless-AC2600 Dual WAN VPN Wireless Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_Beamforming Mode_Adapter 1		
Date of Test	2015/11/17	Test Site	SR7

IEEE 802.11n_20M (ANT 0+1+2+3)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.15	≦27.80
2	2417	23.68	≦27.80
6	2437	27.21	≦27.80
10	2457	24.51	≦27.80
11	2462	20.05	≦27.80

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	21.15	--	--	--	--	--	--	--	≦27.80
2	2417	23.68	--	--	--	--	--	--	--	≦27.80
6	2437	27.21	27.14	27.08	27.02	26.96	26.89	26.82	26.74	≦27.80
10	2457	24.51	--	--	--	--	--	--	--	≦27.80
11	2462	20.05	--	--	--	--	--	--	--	≦27.80