

FCC Test Report

Product Name : ASUS SRT-AC1900 Wireless Smart Router

Model No. : SRT-AC1900

FCC ID. : MSQ-SRTAC1900

Applicant : ASUSTeK COMPUTER INC.

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

Date of Receipt : 2015/05/04

Issued Date : 2015/05/20

Report No. : 1550110R-RFUSP28V00

Report Version : V1.0



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.

Test Report Certification

Issued Date : 2015/05/20

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

The test results relate only to the samples tested.

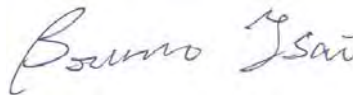
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Documented By :



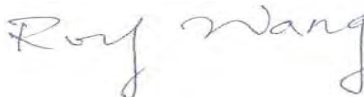
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(Bruno Tsai / Engineer)

Approved By :



(Roy Wang / Director)

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: 150981

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

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TABLE OF CONTENTS

Description	Page
1. General Information.....	7
1.1. EUT Description	7
1.2. Test Mode	14
1.3. Tested System Details	15
1.4. Configuration of tested System	15
1.5. EUT Exercise Software	16
1.6. Test Facility.....	17
2. Conducted Emission	18
2.1. Test Equipment.....	18
2.2. Test Setup	18
2.3. Limits	19
2.4. Test Procedure	19
2.5. Test Specification.....	19
2.6. Uncertainty	19
2.7. Test Result.....	20
2.8. Test Photo	26
3. Peak Power Output	29
3.1. Test Equipment.....	29
3.2. Test Setup	29
3.3. Test procedures	29
3.4. Limits	29
3.5. Test Specification.....	29
3.6. Uncertainty	29
3.7. Test Result.....	30
4. Radiated Emission	110
4.1. Test Equipment.....	110
4.2. Test Setup	110
4.3. Limits	111
4.4. Test Procedure	111
4.5. Test Specification.....	111
4.6. Uncertainty	111
4.7. Test Result.....	112
4.8. Test Photo	229
5. RF antenna conducted test	237

5.1.	Test Equipment.....	237
5.2.	Test Setup	237
5.3.	Limits	238
5.4.	Test Procedure	238
5.5.	Test Specification.....	238
5.6.	Uncertainty	238
5.7.	Test Result.....	239
6.	Radiated Emission Band Edge.....	269
6.1.	Test Equipment.....	269
6.2.	Test Setup	269
6.3.	Limits	270
6.4.	Test Procedure	270
6.5.	Test Specification.....	270
6.6.	Uncertainty	270
6.7.	Test Result.....	271
7.	DTS Bandwidth	343
7.1.	Test Equipment.....	343
7.2.	Test Setup	343
7.3.	Test Procedures	343
7.4.	Limits	343
7.5.	Test Specification.....	343
7.6.	Uncertainty	343
7.7.	Test Result.....	344
8.	Occupied Bandwidth	398
8.1.	Test Equipment.....	398
8.2.	Test Setup	398
8.3.	Test Procedures	398
8.4.	Limits	398
8.5.	Test Specification.....	398
8.6.	Uncertainty	398
8.7.	Test Result.....	399
9.	Power Density	453
9.1.	Test Equipment.....	453
9.2.	Test Setup	453
9.3.	Limits	453
9.4.	Test Procedures	453

9.5.	Test Specification.....	453
9.6.	Uncertainty	453
9.7.	Test Result.....	454
Attachement.....		516
	EUT Photograph.....	516

1. General Information

1.1. EUT Description

Product Name	ASUS SRT-AC1900 Wireless Smart Router	
Product Type	WLAN (3TX, 3RX)	
Trade Name	ASUS	
Model No.	SRT-AC1900	
	IEEE 802.11a	5745~5825MHz / 5 Channels
	IEEE 802.11n (20MHz) / IEEE 802.11ac (20MHz)	
	IEEE 802.11n (40MHz) / IEEE 802.11ac (40MHz)	5755~5795MHz / 2 Channels
	IEEE 802.11ac (80MHz)	5775~5775MHz / 1 Channel
Type of Modulation	IEEE 802.11a/n/ac	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11a	6, 9, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 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 and PIFA	

Antenna array Gain:

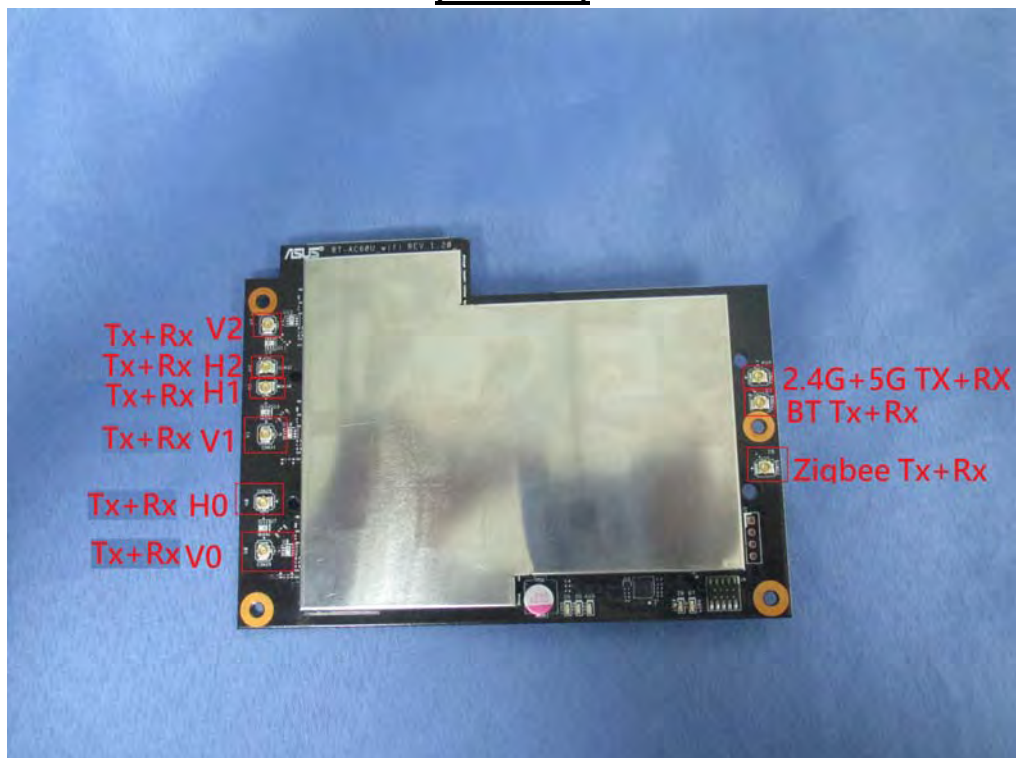
	V0 V1 V2	V0 V1 H2	V0 H1 V2	V0 H1 H2	H0 V1 V2	H0 V1 H2	H0 H1 V2	H0,H1,H2
2.4G	6.35	6.10	5.71	6.05	5.50	5.18	4.76	6.25
5G-band1	8.33	7.02	7.58	7.72	7.93	6.31	7.04	9.11
5G-band2	8.33	7.02	7.58	7.74	7.93	6.19	7.06	9.16
5G-band3	8.91	7.58	7.79	7.88	7.99	7.04	7.37	9.15
5G-band4	8.95	7.51	7.80	8.41	7.36	7.17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

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

ANT-TX / RX & Bandwidth

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

(3TX / 3RX)



IEEE 802.11n

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

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

Table 1 – MCS parameters for TX Antenna number = 1

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

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

Table 2 – MCS parameters for TX Antenna number = 2

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

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

Table 3– MCS parameters for TX Antenna number = 3

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

IEEE 802.11ac Data Rate

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

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
36	5180MHz	40	5200MHz	44	5220MHz	48	5240MHz
149	5745MHz	153	5765MHz	157	5785MHz	161	5805MHz
165	5825MHz						

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

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

IEEE 802.11ac (80MHz)- 5GHz

Working Frequency of Each Channel			
Channel	Frequency	Channel	Frequency
42	5210 MHz	151	5775 MHz

Note:

1. This device is an ASUS SRT-AC1900 Wireless Smart Router including 5GHz a/n/ac (3x3) / 2.4GHz (1x1) 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 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: 1550110R-RFUSP56V00.
6. The function of the BT2.0 and BT4.0 transmitting are measured and makes a test report of the report number: 1550110R-RFUSP01V00-A and 1550110R-RFUSP01V00-B.
7. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 1550110R-RFUSP01V00 under Declaration of Conformity.

1.2. Test Mode

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

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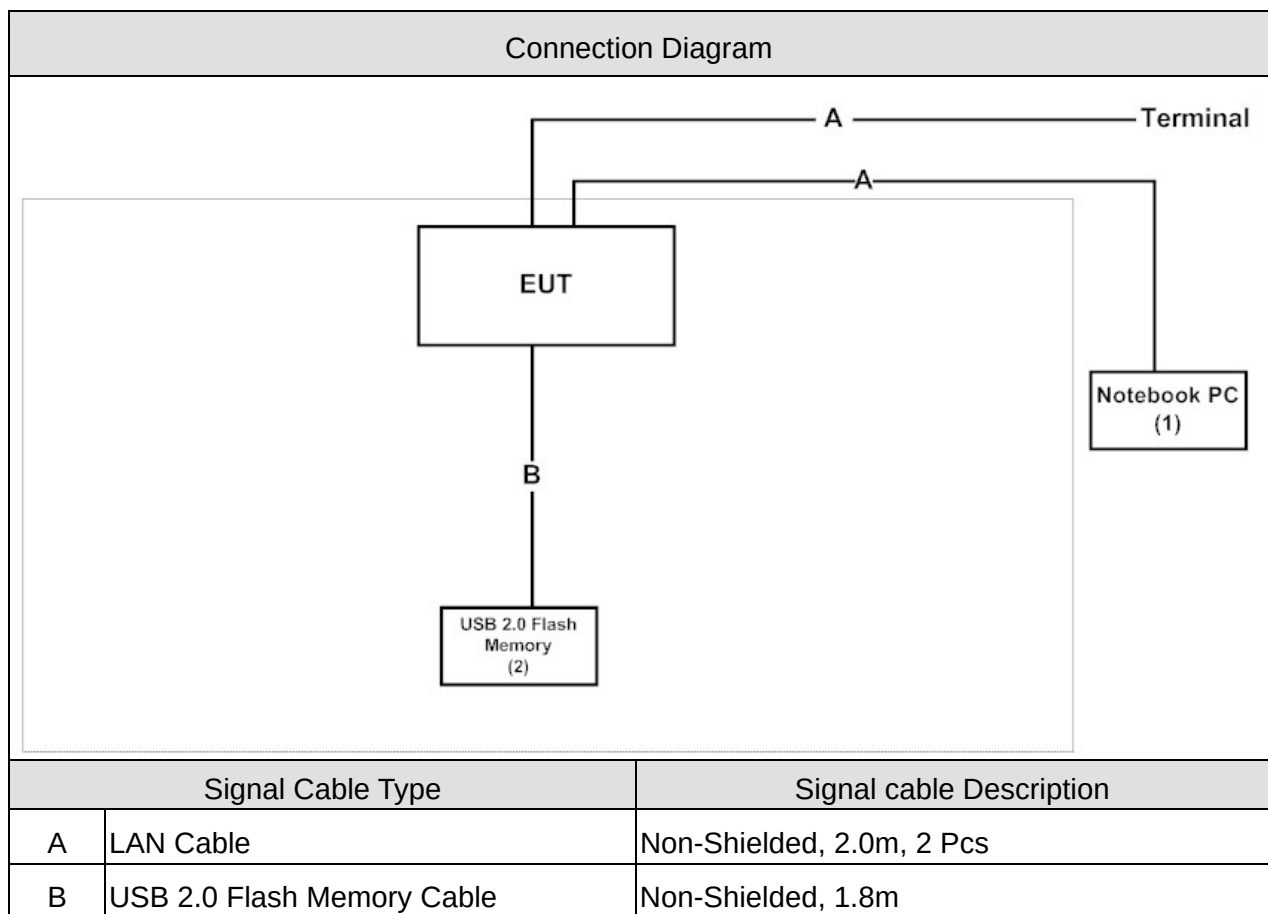
Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11ac(80MHz)	155	0+1+2	Complies
Peak Power Output	11a	149/ 157/ 165	0+1+2	Complies
	11n(20MHz)	149/ 157/ 165	0+1+2	Complies
	11n(40MHz)	151/ 159	0+1+2	Complies
	11ac(80MHz)	155	0+1+2	Complies
Radiated Emission	11a	149/ 157/ 165	0+1+2	Complies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

1.3. Tested System Details

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

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1 Notebook PC	DELL	Vostro3400	7F808N1	DoC	Non-Shielded, 1.8m
2 USB 2.0 Flash Memory	Apacer	AH223	N/A	DoC	--

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.5.
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

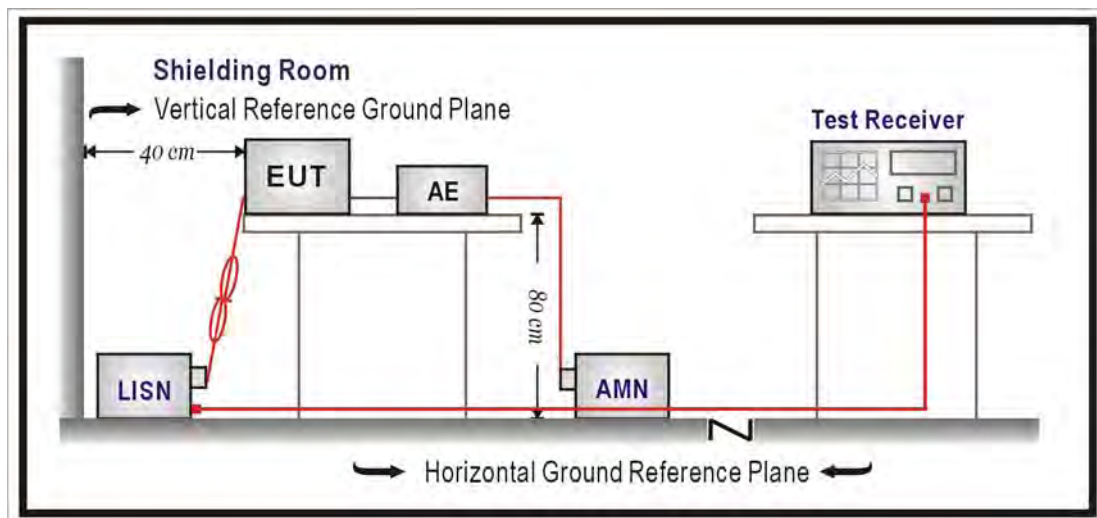
The following test equipments are used during the test:

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	2015/08/24
Test Receiver	R&S	ESCS 30	825442/014	2015/07/13

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

2.2. Test Setup



2.3. Limits

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

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

2.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2009 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

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

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

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

2.5. Test Specification

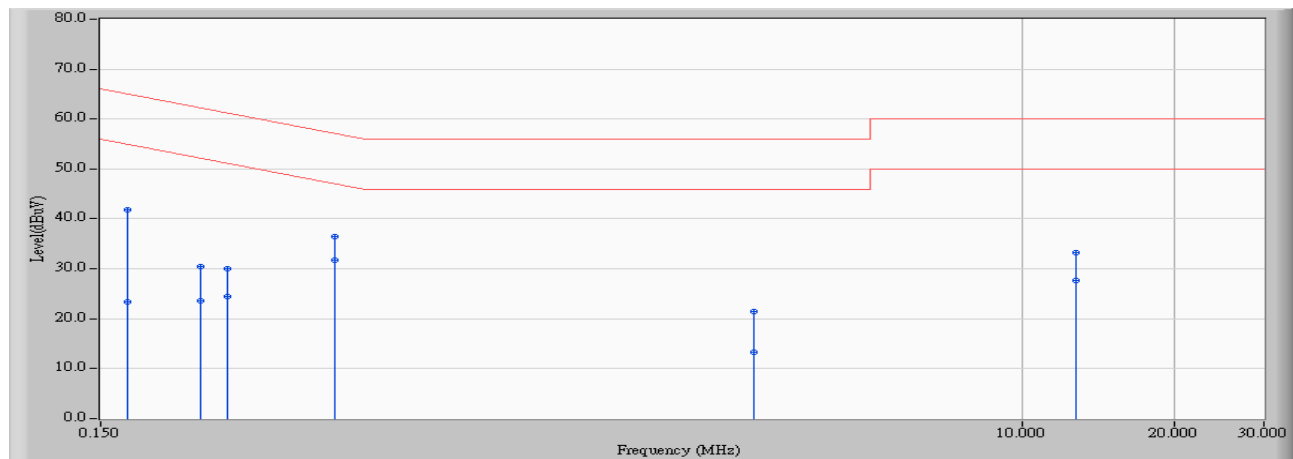
According to FCC Part 15 Subpart C Paragraph 15.207: 2014

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2	Time : 2015/05/19 - 14:34
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac 5775MHz

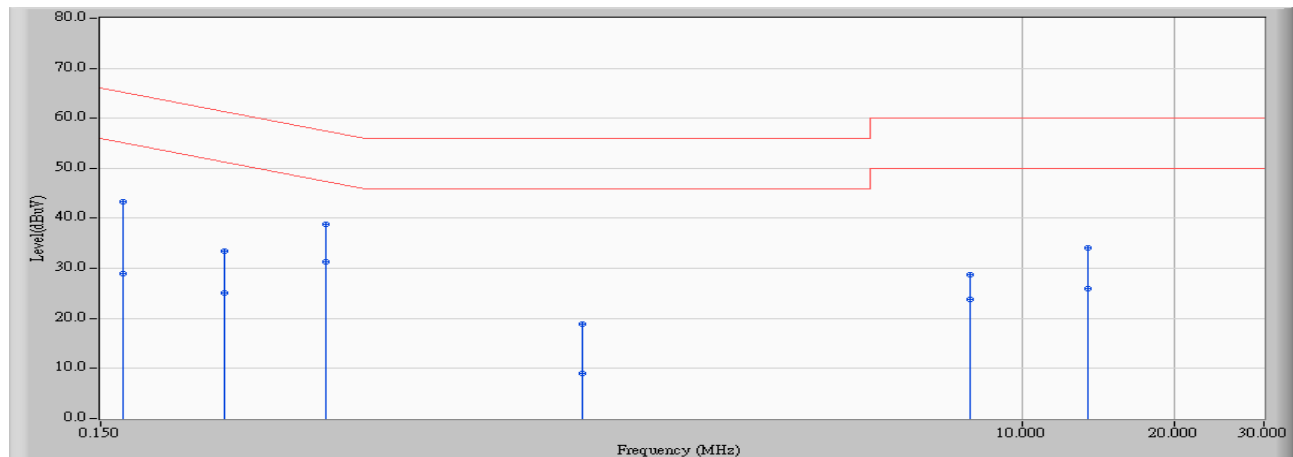


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.170	9.760	32.150	41.910	-23.073	64.983	QUASIPeAK
2		0.170	9.760	13.530	23.290	-31.693	54.983	AVERAGE
3		0.236	9.758	20.690	30.448	-31.790	62.238	QUASIPeAK
4		0.236	9.758	13.880	23.638	-28.600	52.238	AVERAGE
5		0.267	9.757	20.220	29.977	-31.228	61.205	QUASIPeAK
6		0.267	9.757	14.770	24.527	-26.678	51.205	AVERAGE
7		0.435	9.751	26.650	36.401	-20.753	57.154	QUASIPeAK
8	*	0.435	9.751	21.890	31.641	-15.513	47.154	AVERAGE
9		2.935	9.866	11.600	21.465	-34.535	56.000	QUASIPeAK
10		2.935	9.866	3.360	13.225	-32.775	46.000	AVERAGE
11		12.716	10.146	23.000	33.146	-26.854	60.000	QUASIPeAK
12		12.716	10.146	17.420	27.566	-22.434	50.000	AVERAGE

Note:

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

Site : SR2	Time : 2015/05/19 - 14:31
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac 5775MHz

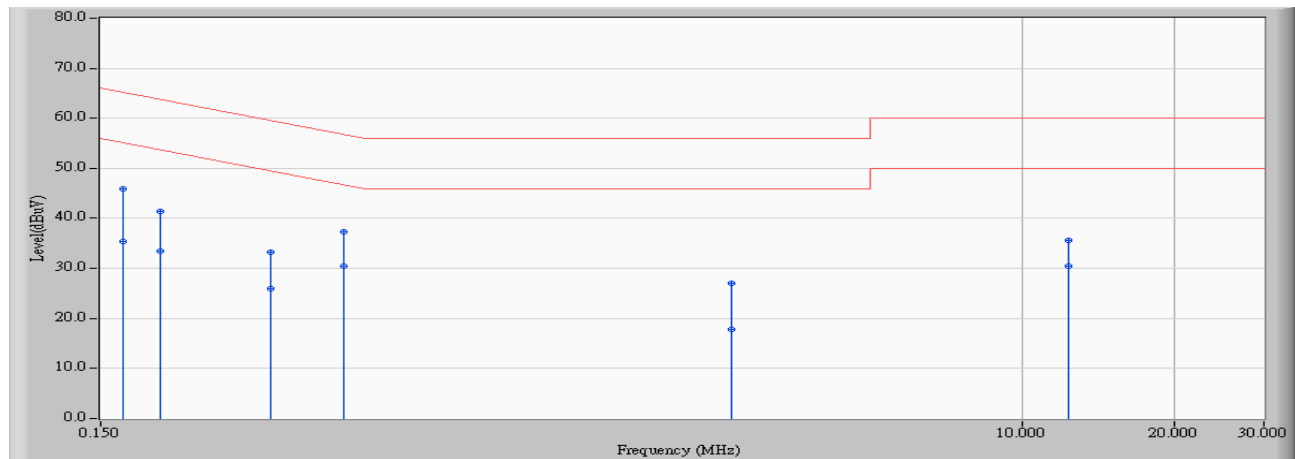


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.810	33.600	43.410	-21.767	65.177	QUASIPeAK
2		0.166	9.810	19.170	28.980	-26.197	55.177	AVERAGE
3		0.263	9.813	23.750	33.563	-27.764	61.327	QUASIPeAK
4		0.263	9.813	15.270	25.083	-26.244	51.327	AVERAGE
5		0.420	9.820	28.930	38.750	-18.707	57.457	QUASIPeAK
6	*	0.420	9.820	21.450	31.270	-16.187	47.457	AVERAGE
7		1.349	9.873	9.010	18.883	-37.117	56.000	QUASIPeAK
8		1.349	9.873	-0.960	8.913	-37.087	46.000	AVERAGE
9		7.888	10.127	18.680	28.807	-31.193	60.000	QUASIPeAK
10		7.888	10.127	13.630	23.757	-26.243	50.000	AVERAGE
11		13.474	10.284	23.760	34.044	-25.956	60.000	QUASIPeAK
12		13.474	10.284	15.570	25.854	-24.146	50.000	AVERAGE

Note:

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

Site : SR2	Time : 2015/05/19 - 16:23
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11ac 5775MHz

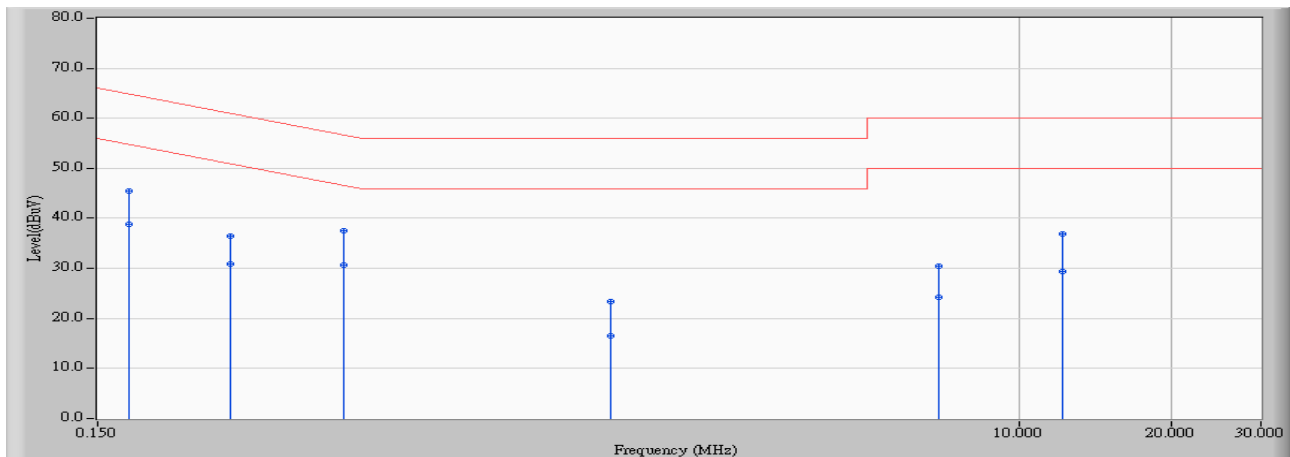


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.760	36.190	45.950	-19.227	65.177	QUASIPeAK
2		0.166	9.760	25.630	35.390	-19.787	55.177	AVERAGE
3		0.197	9.760	31.650	41.410	-22.332	63.741	QUASIPeAK
4		0.197	9.760	23.750	33.510	-20.232	53.741	AVERAGE
5		0.326	9.754	23.390	33.144	-26.414	59.558	QUASIPeAK
6		0.326	9.754	16.120	25.874	-23.684	49.558	AVERAGE
7		0.455	9.751	27.490	37.241	-19.548	56.789	QUASIPeAK
8	*	0.455	9.751	20.730	30.481	-16.308	46.789	AVERAGE
9		2.654	9.851	17.120	26.972	-29.028	56.000	QUASIPeAK
10		2.654	9.851	7.930	17.782	-28.218	46.000	AVERAGE
11		12.302	10.139	25.550	35.689	-24.311	60.000	QUASIPeAK
12		12.302	10.139	20.360	30.499	-19.501	50.000	AVERAGE

Note:

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

Site : SR2	Time : 2015/05/19 - 16:17
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11ac 5775MHz

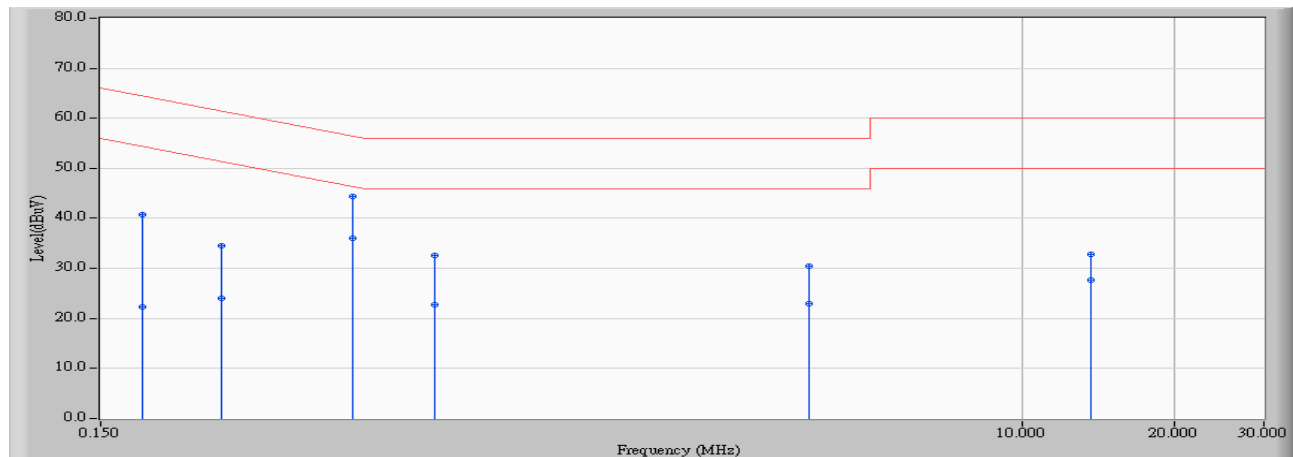


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.173	9.810	35.630	45.440	-19.354	64.794	QUASIPeAK
2	*	0.173	9.810	29.030	38.840	-15.954	54.794	AVERAGE
3		0.275	9.814	26.670	36.484	-24.482	60.966	QUASIPeAK
4		0.275	9.814	21.090	30.904	-20.062	50.966	AVERAGE
5		0.459	9.820	27.640	37.460	-19.258	56.718	QUASIPeAK
6		0.459	9.820	20.800	30.620	-16.098	46.718	AVERAGE
7		1.552	9.876	13.590	23.466	-32.534	56.000	QUASIPeAK
8		1.552	9.876	6.700	16.576	-29.424	46.000	AVERAGE
9		6.931	10.099	20.450	30.549	-29.451	60.000	QUASIPeAK
10		6.931	10.099	14.120	24.219	-25.781	50.000	AVERAGE
11		12.115	10.247	26.680	36.927	-23.073	60.000	QUASIPeAK
12		12.115	10.247	19.220	29.467	-20.533	50.000	AVERAGE

Note:

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

Site : SR2	Time : 2015/05/19 - 15:56
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line1	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11ac 5775MHz

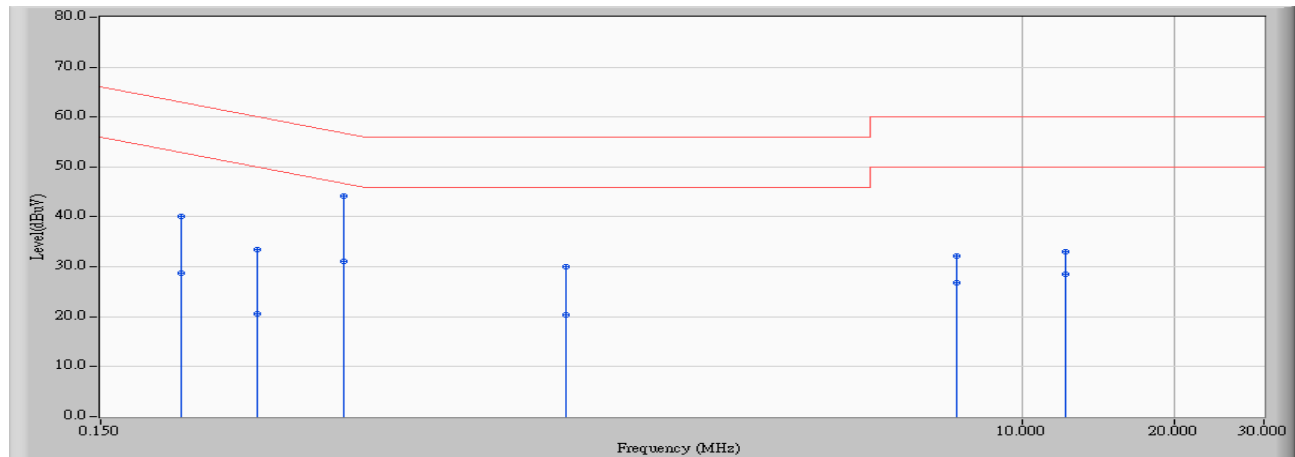


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.181	9.760	31.070	40.830	-23.598	64.428	QUASPEAK
2		0.181	9.760	12.480	22.240	-32.188	54.428	AVERAGE
3		0.259	9.757	24.690	34.447	-27.004	61.451	QUASPEAK
4		0.259	9.757	14.160	23.917	-27.534	51.451	AVERAGE
5		0.474	9.751	34.570	44.321	-12.118	56.440	QUASPEAK
6	*	0.474	9.751	26.330	36.081	-10.358	46.440	AVERAGE
7		0.685	9.774	22.770	32.543	-23.457	56.000	QUASPEAK
8		0.685	9.774	12.950	22.723	-23.277	46.000	AVERAGE
9		3.767	9.906	20.510	30.415	-25.585	56.000	QUASPEAK
10		3.767	9.906	12.970	22.875	-23.125	46.000	AVERAGE
11		13.630	10.162	22.650	32.812	-27.188	60.000	QUASPEAK
12		13.630	10.162	17.580	27.742	-22.258	50.000	AVERAGE

Note:

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

Site : SR2	Time : 2015/05/19 - 15:57
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line2	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11ac 5775MHz



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

Note:

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

3. Peak Power Output

3.1. Test Equipment

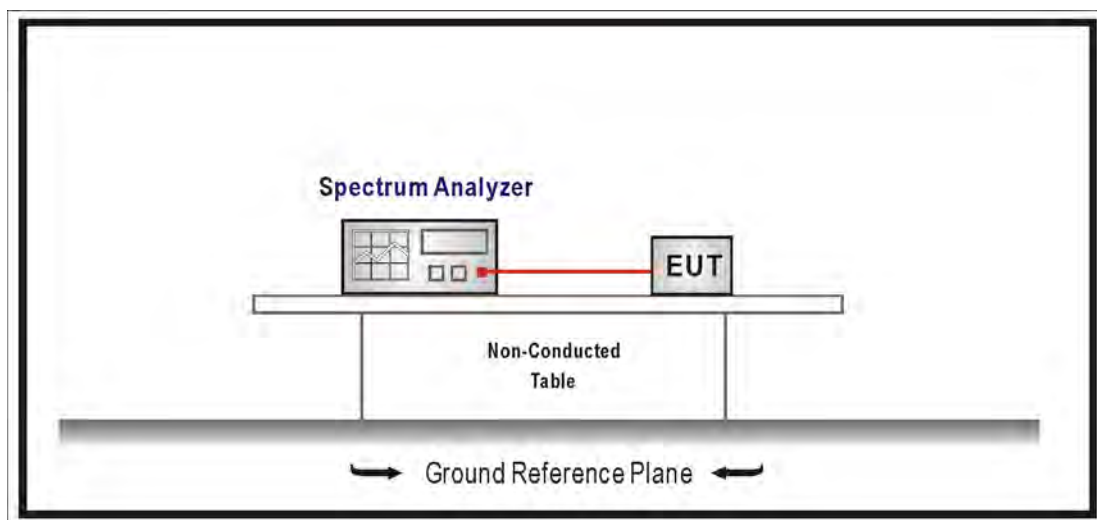
The following test equipments are used during the test:

Peak Power Output / SR7

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

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

3.2. Test Setup



3.3. Test procedures

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

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

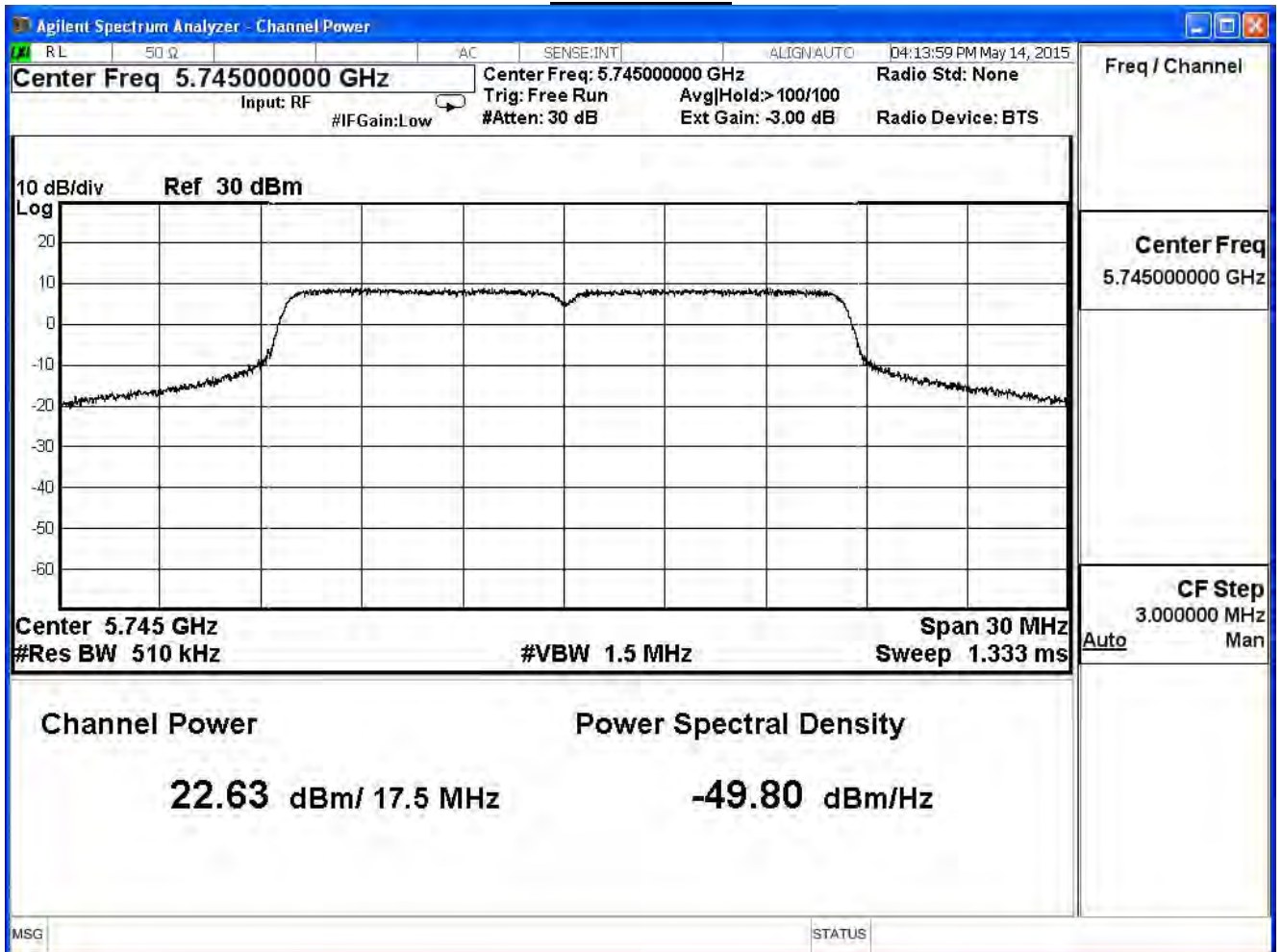
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

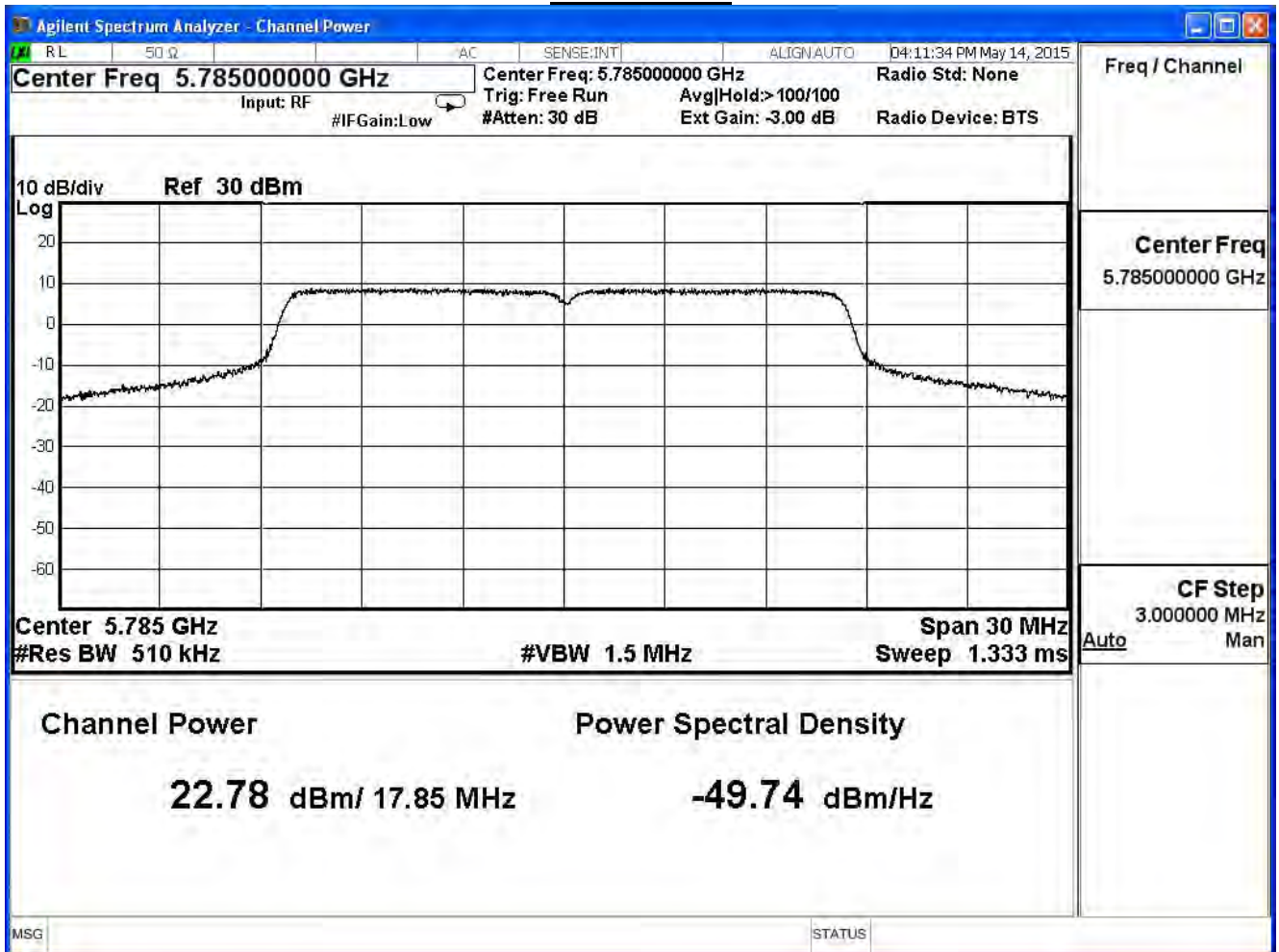
The worst emission of data rate is 6Mbps.

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

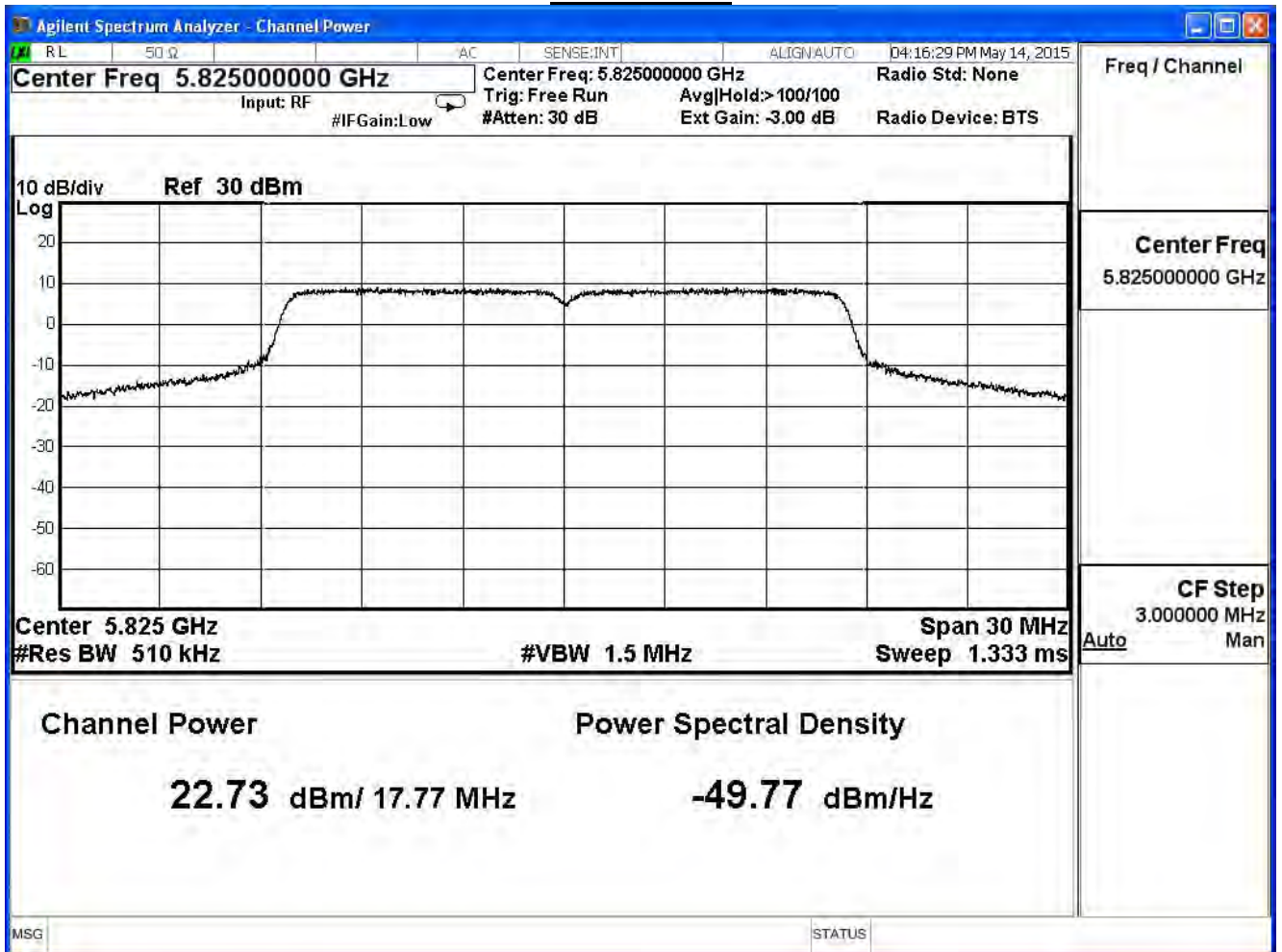
Channel 149



Channel 157



Channel 165



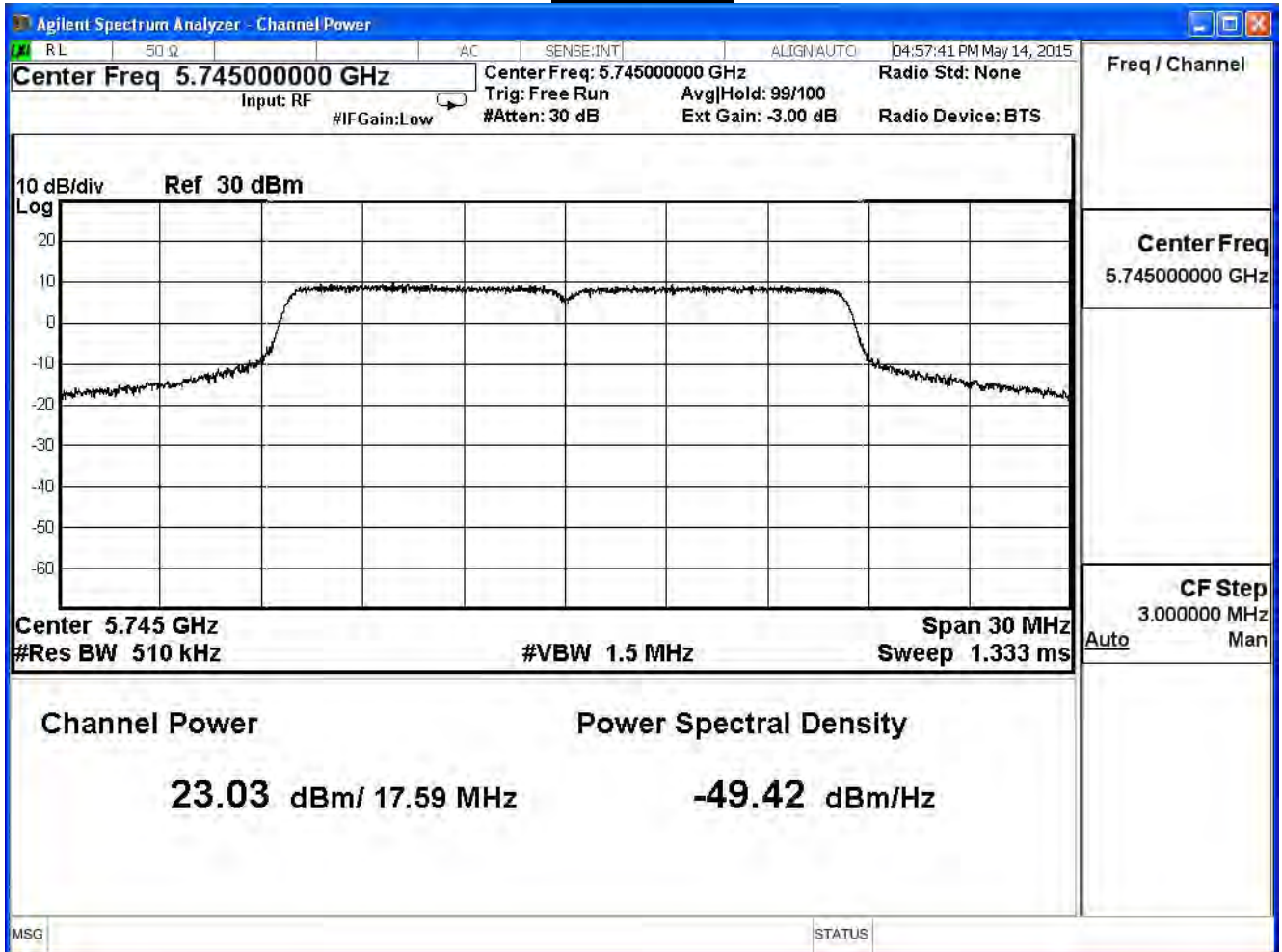
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

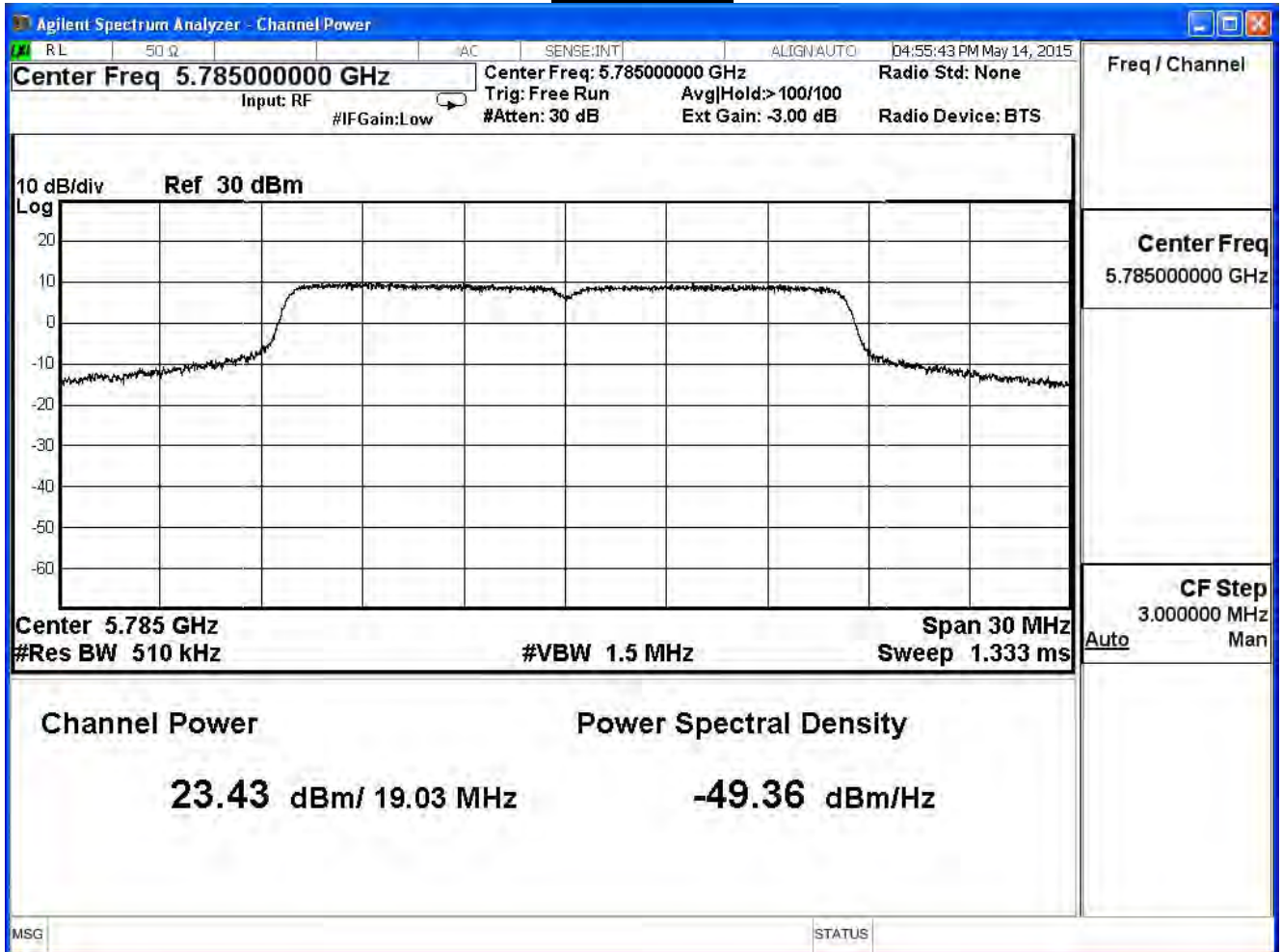
The worst emission of data rate is 6Mbps.

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

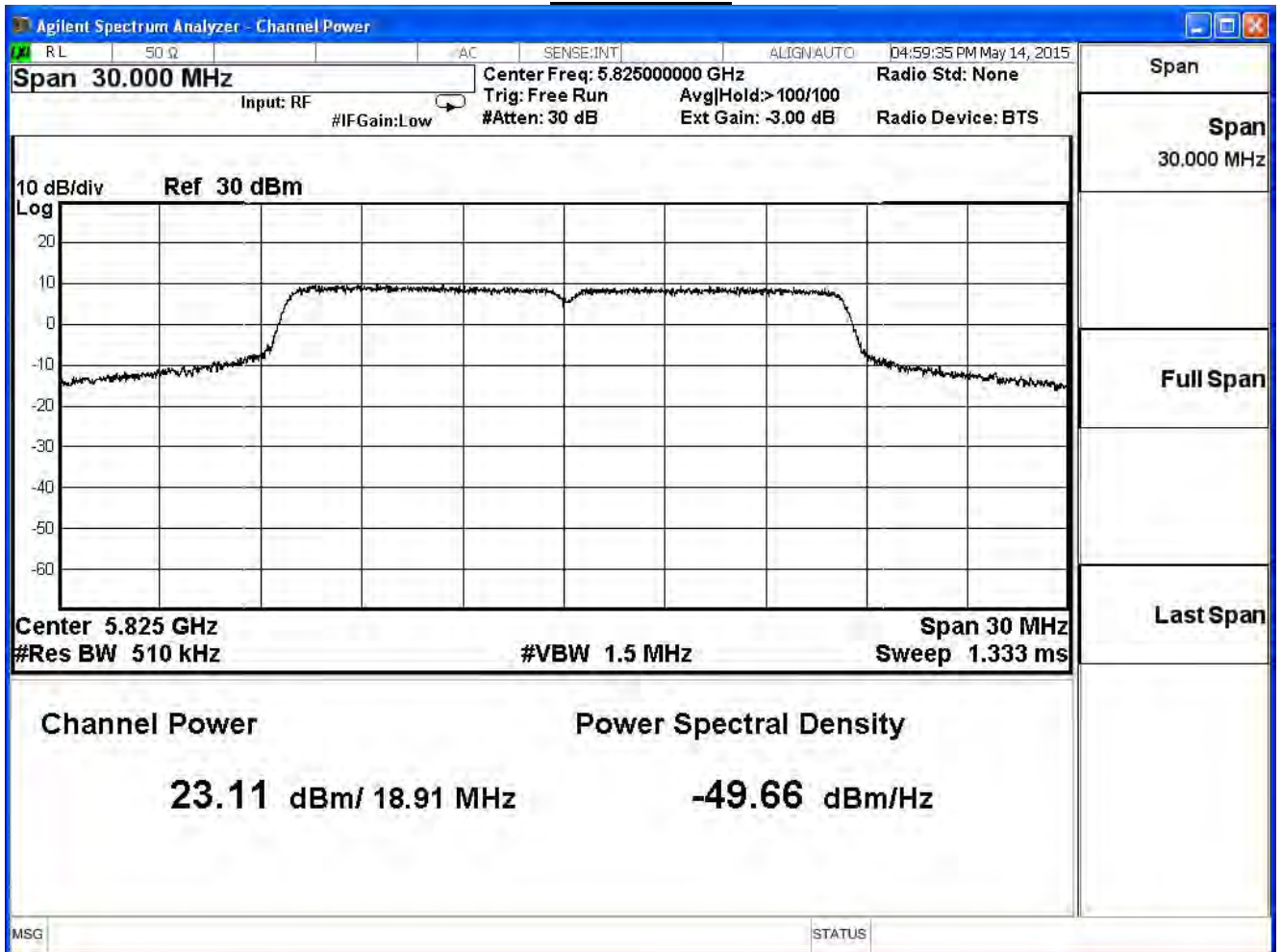
Channel 149



Channel 157



Channel 165



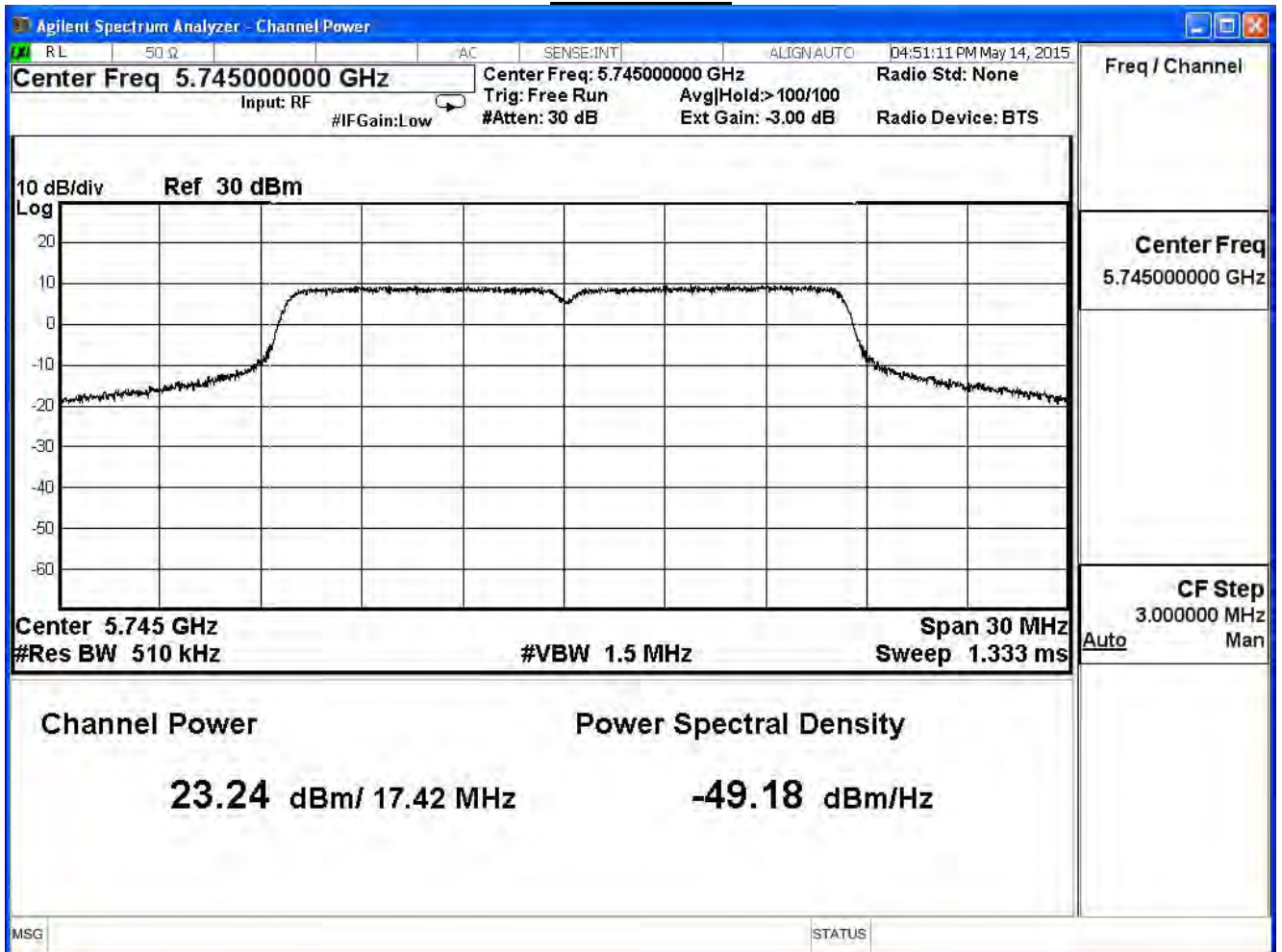
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

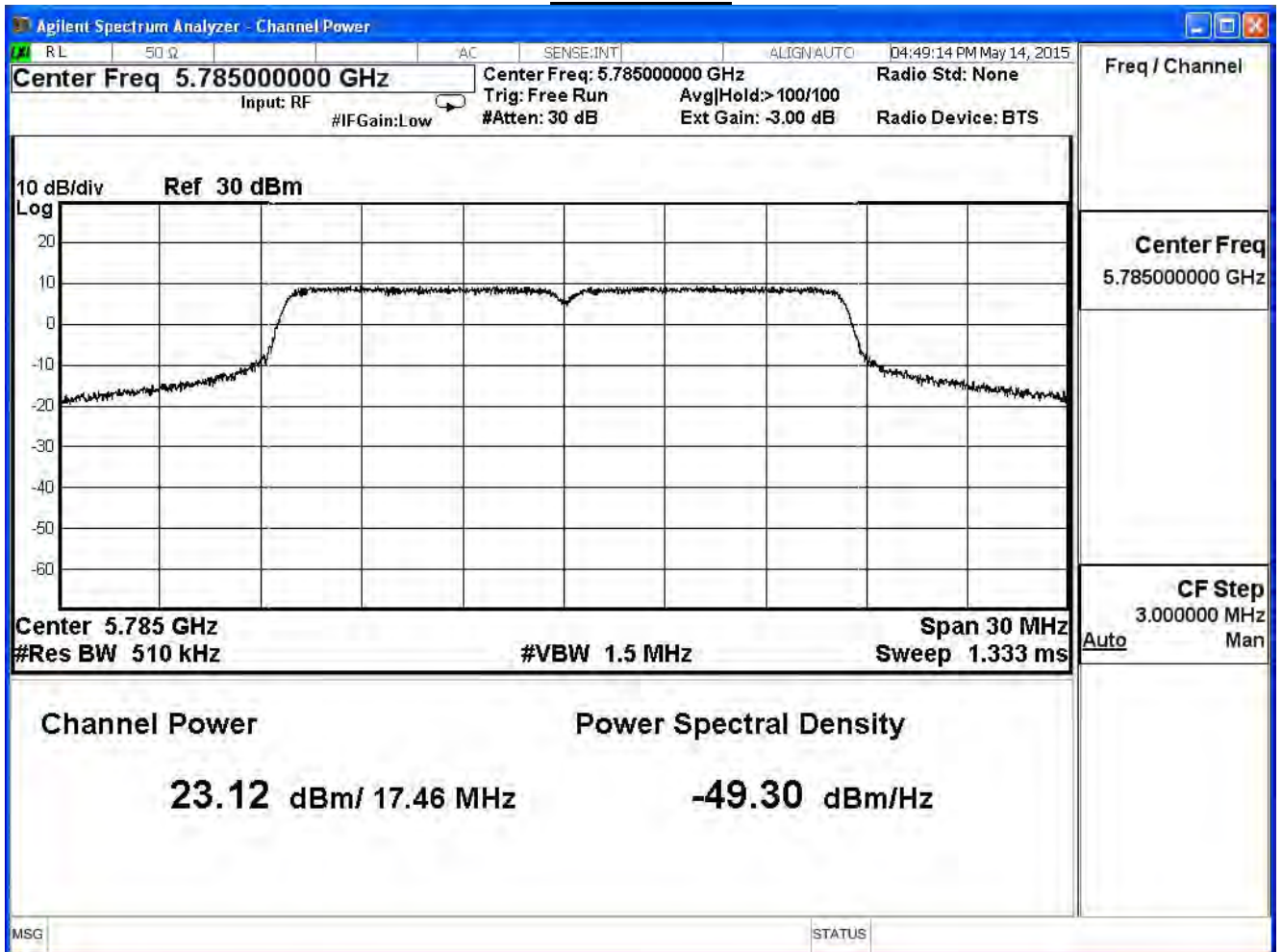
The worst emission of data rate is 6Mbps.

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

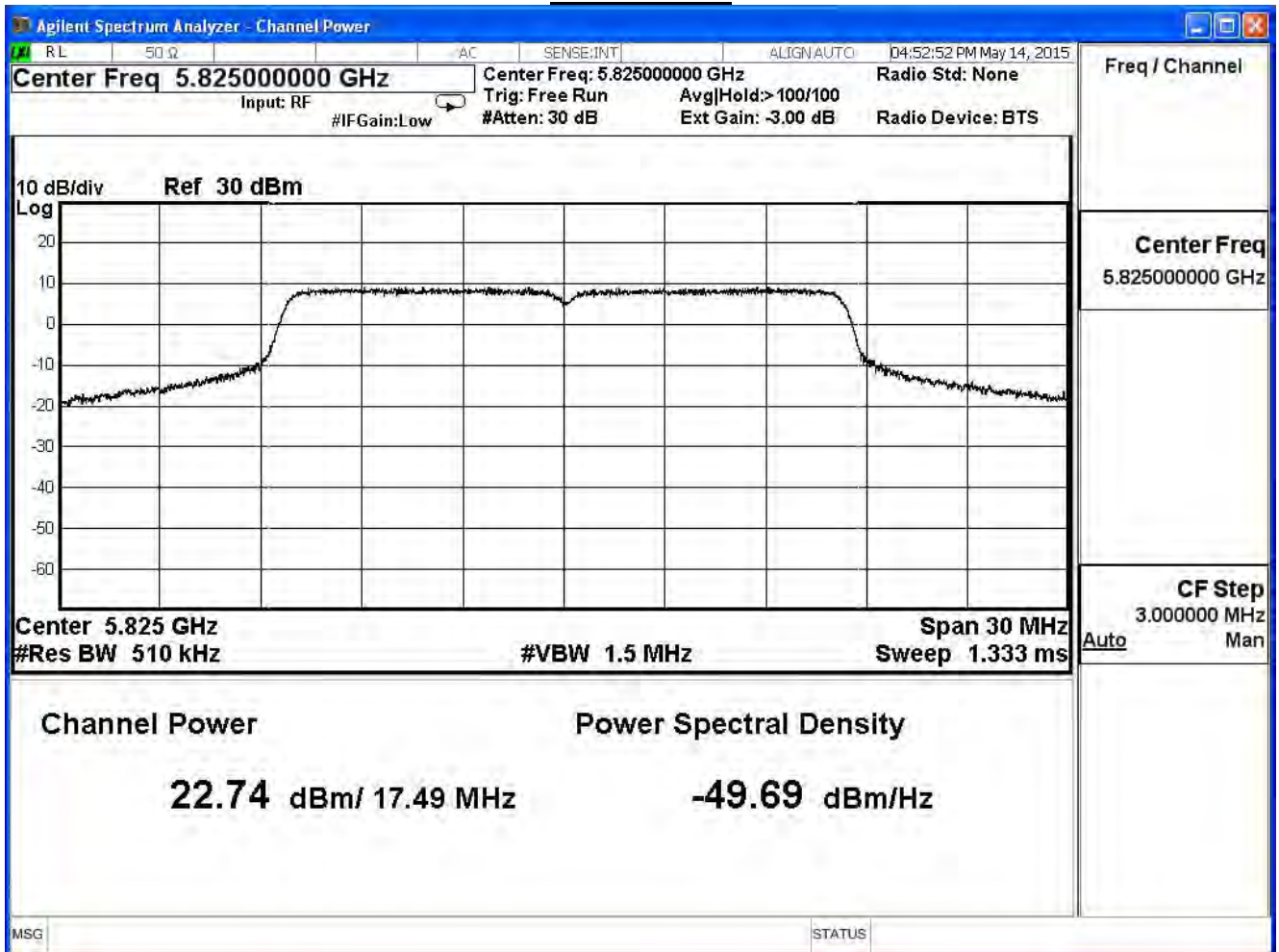
Channel 149



Channel 157



Channel 165



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

IEEE 802.11a (ANT 0+1+2)

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

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

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

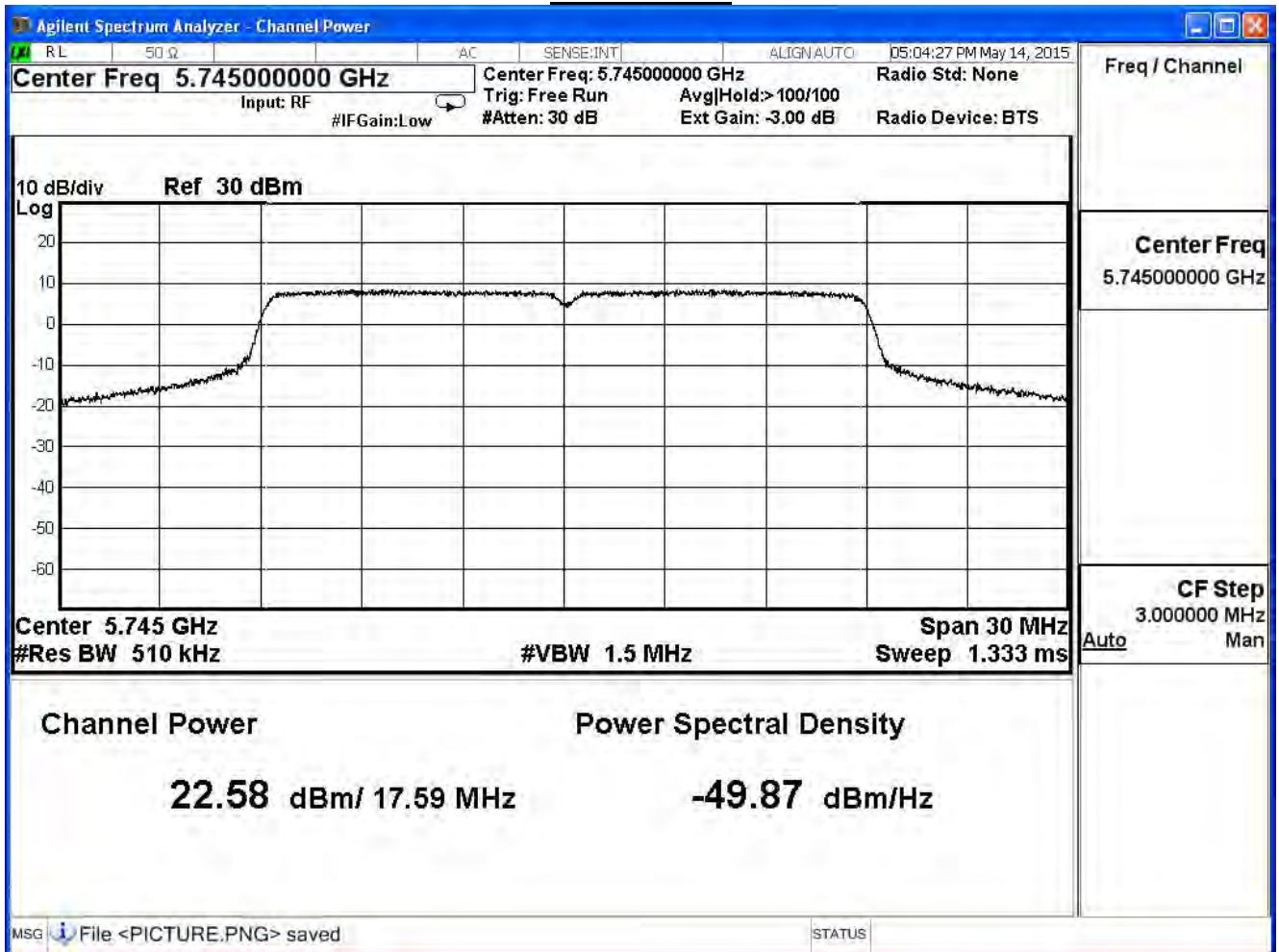
IEEE 802.11n 20MHz (ANT 0)

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

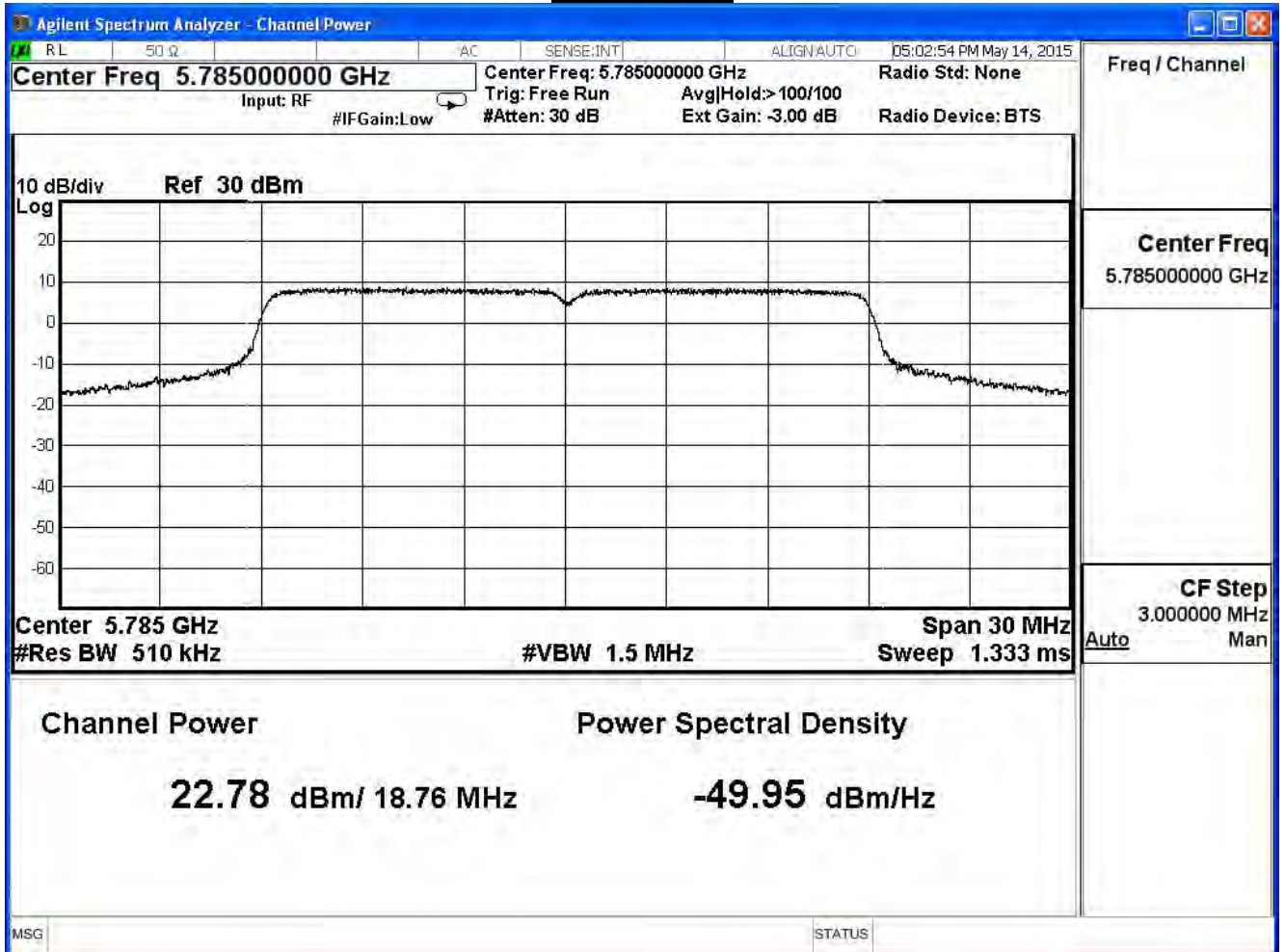
The worst emission of data rate is 6.5 Mbps.

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	22.58	--	--	--	--	--	--	--	30dBm
157	5785	22.78	22.56	22.48	22.38	22.14	21.92	21.77	21.65	30dBm
165	5825	22.70	--	--	--	--	--	--	--	30dBm

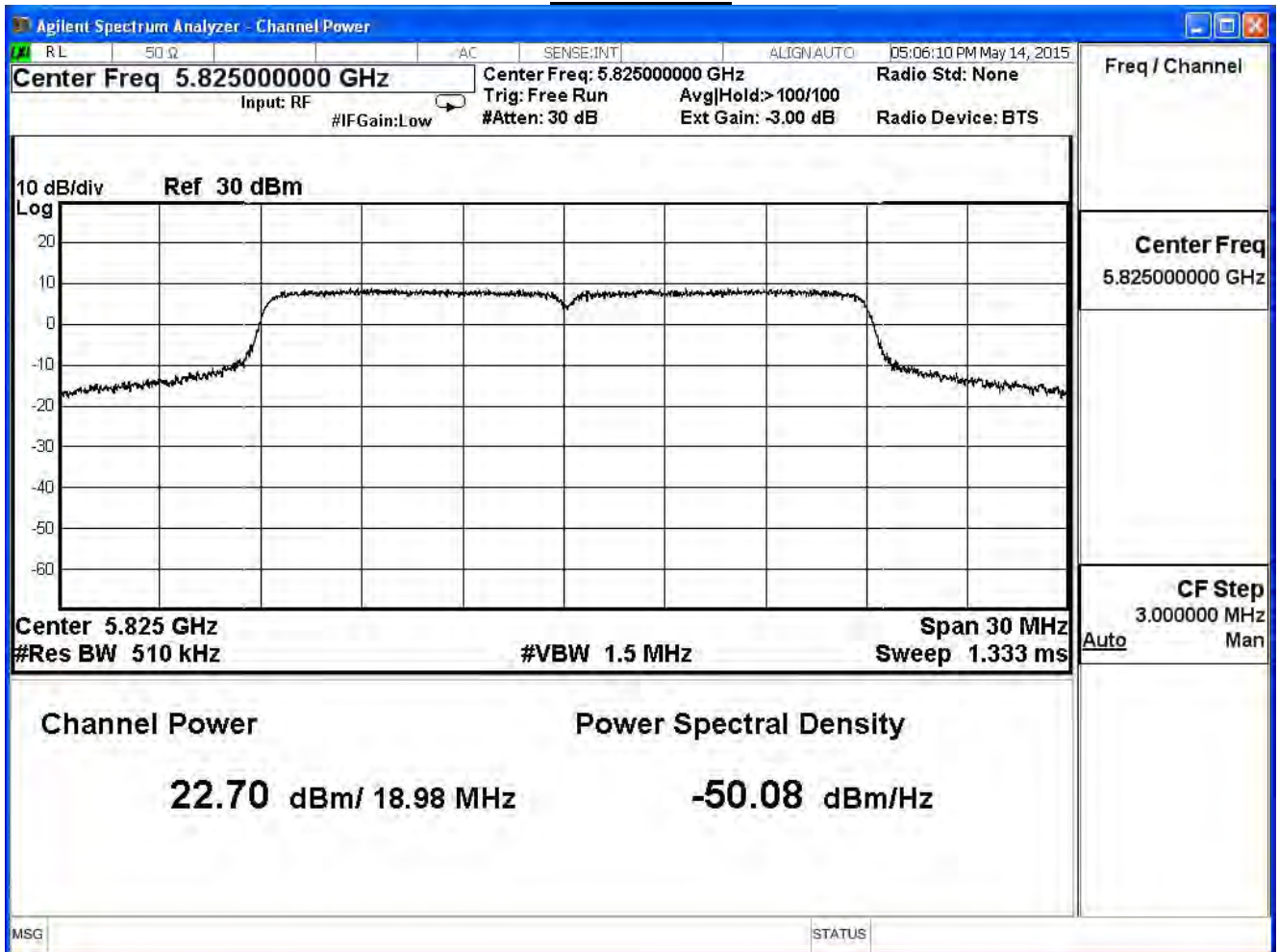
Channel 149



Channel 157



Channel 165



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

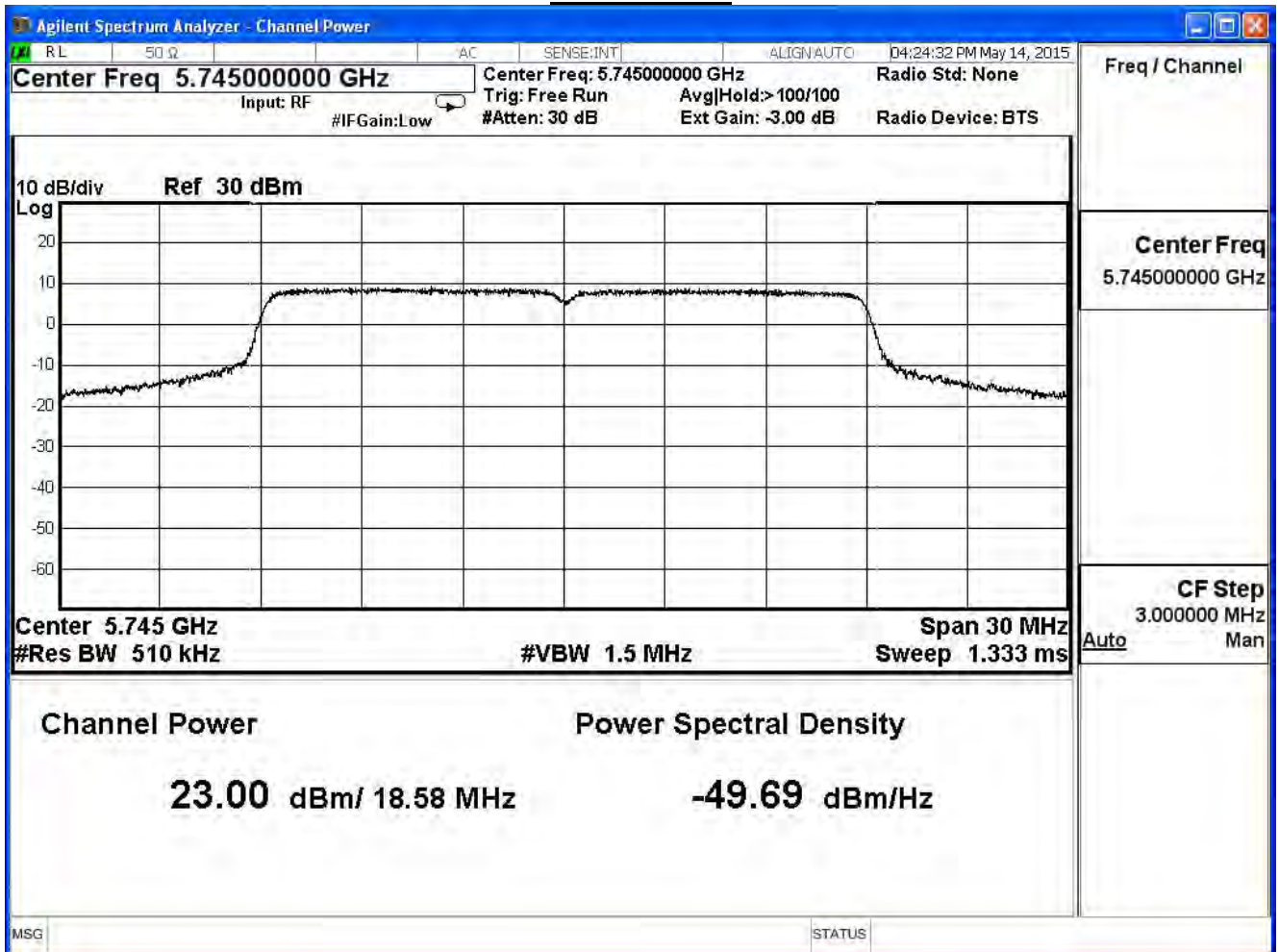
IEEE 802.11n 20MHz (ANT 1)

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

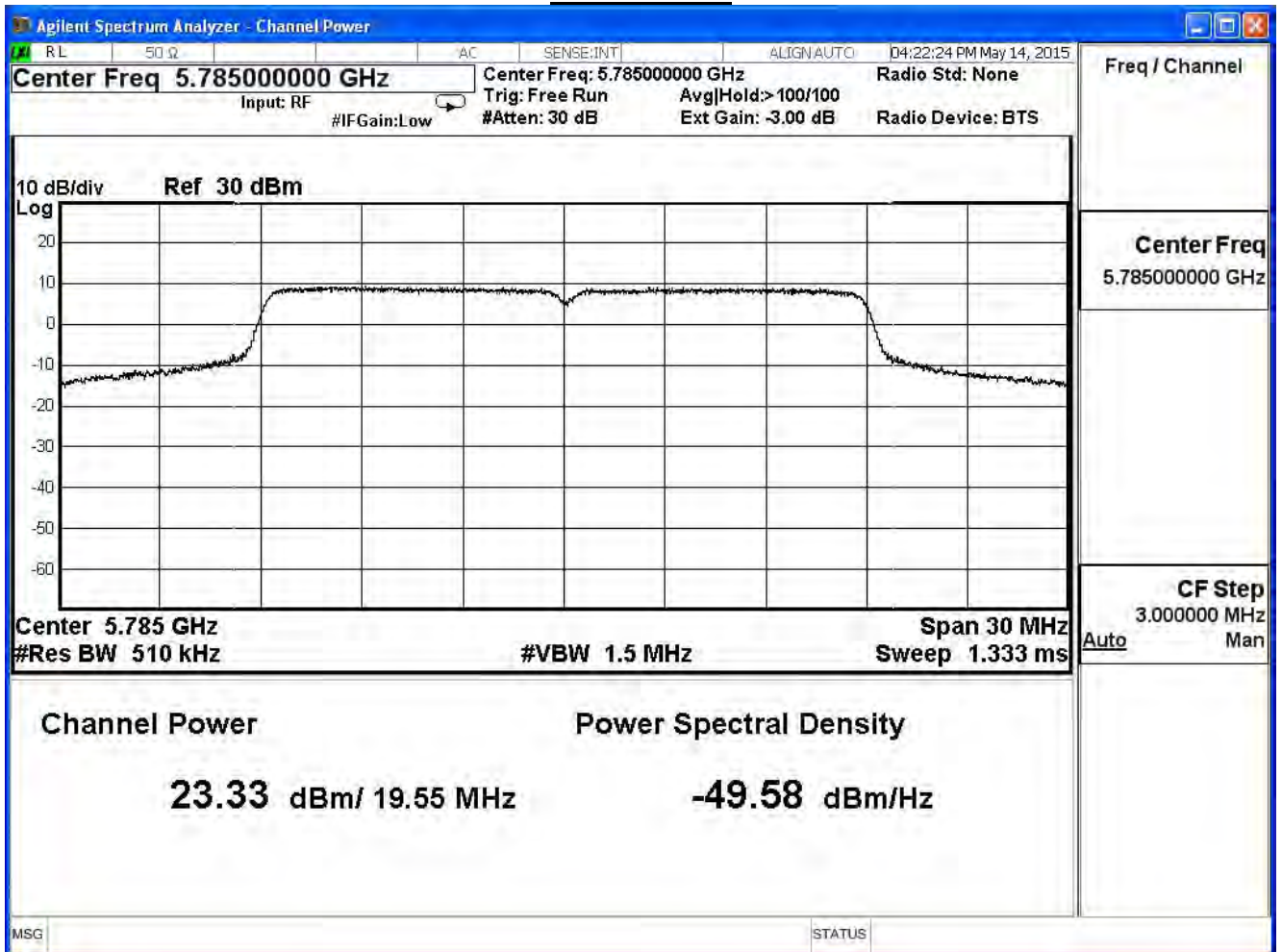
The worst emission of data rate is 6.5Mbps.

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

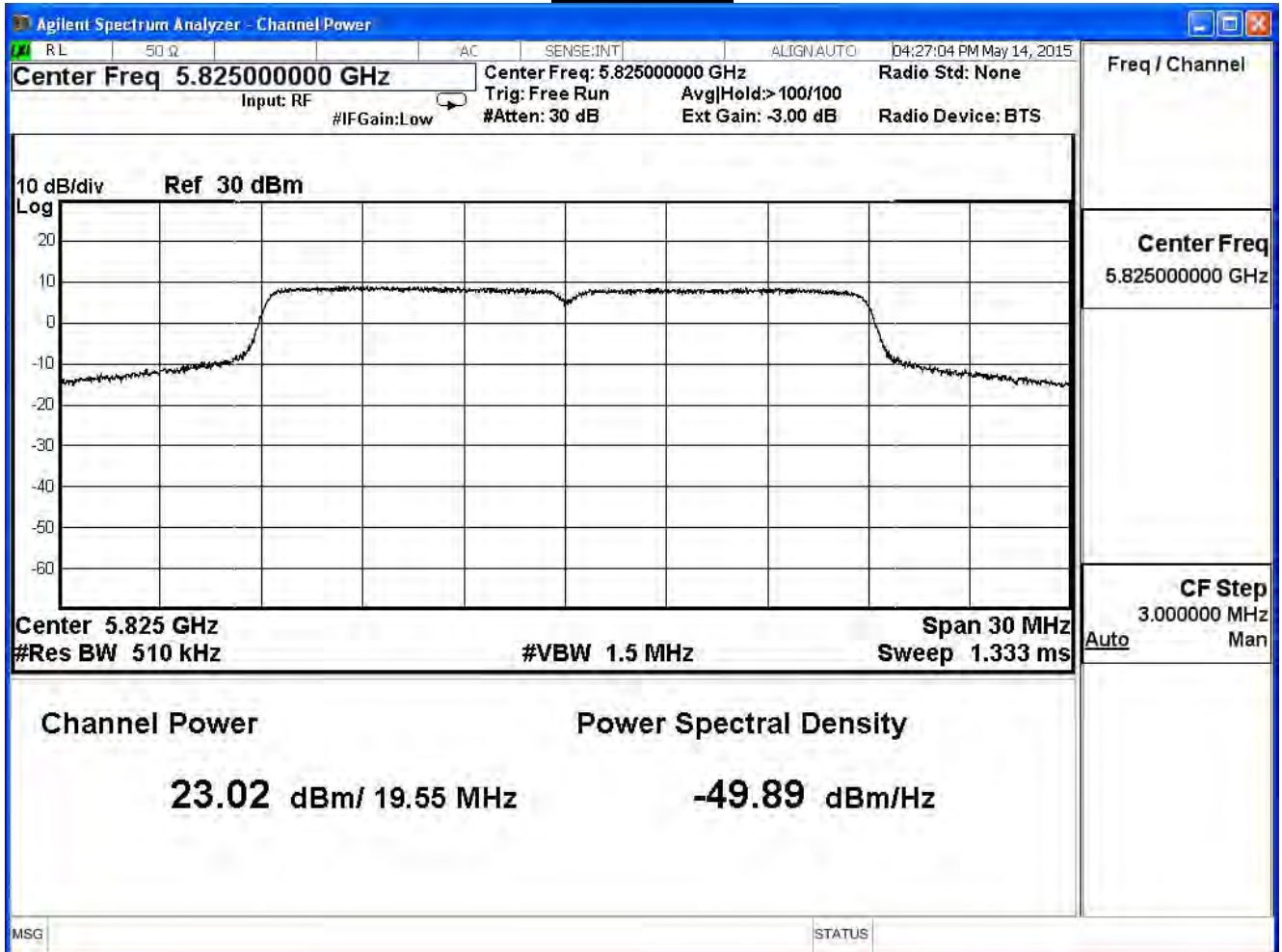
Channel 149



Channel 157



Channel 165



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

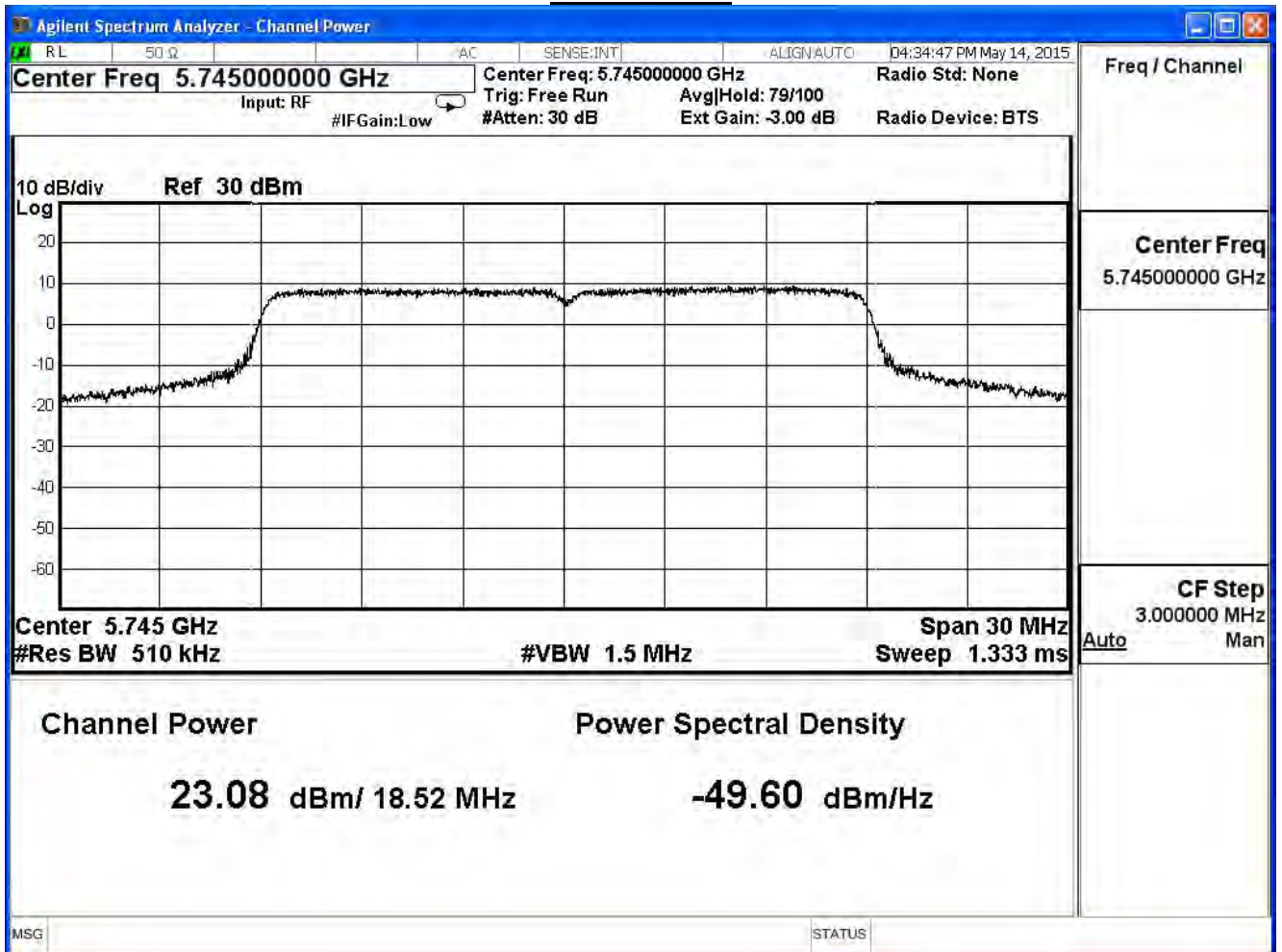
IEEE 802.11n 20MHz (ANT 2)

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

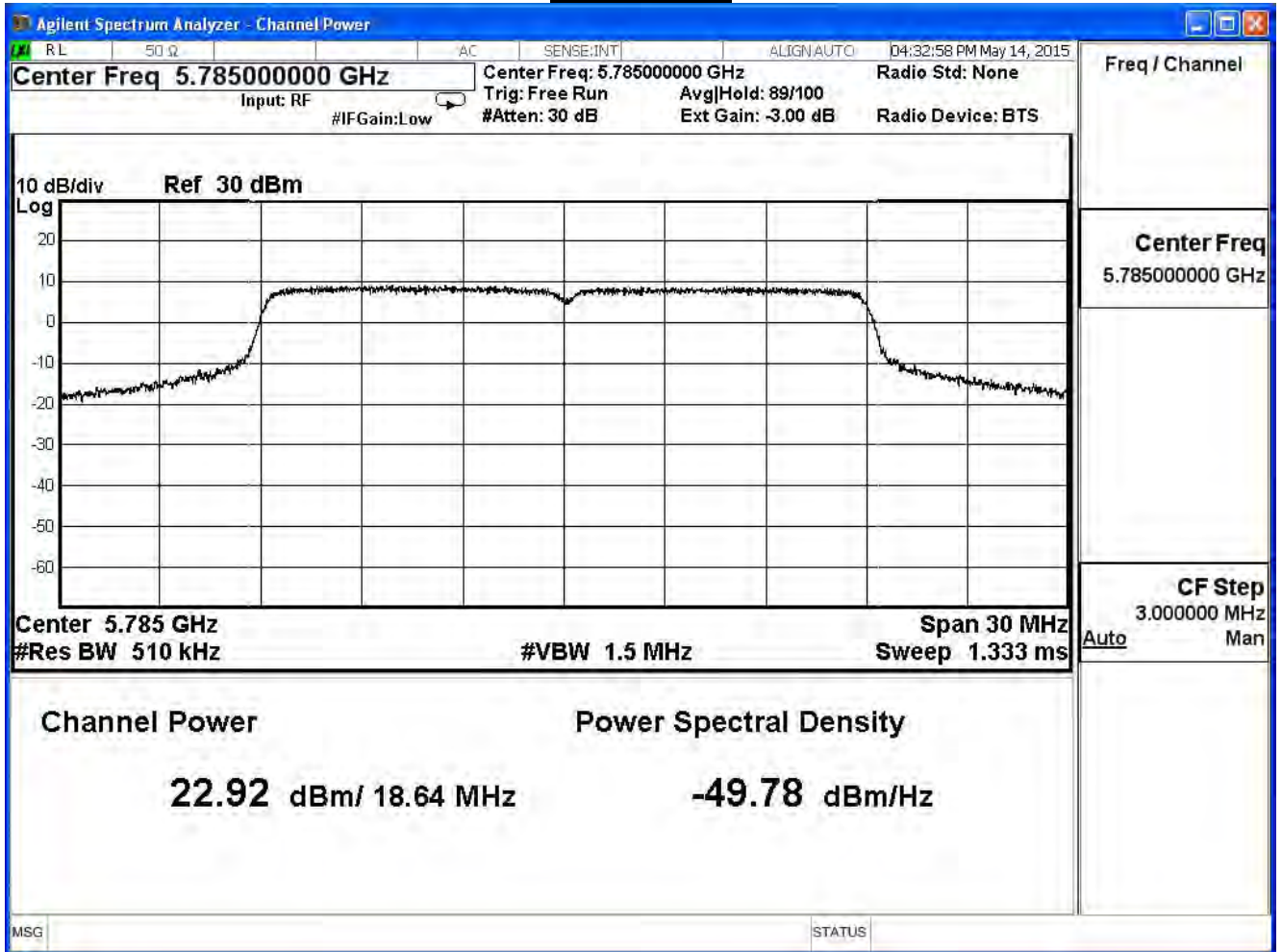
The worst emission of data rate is 6.5Mbps.

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

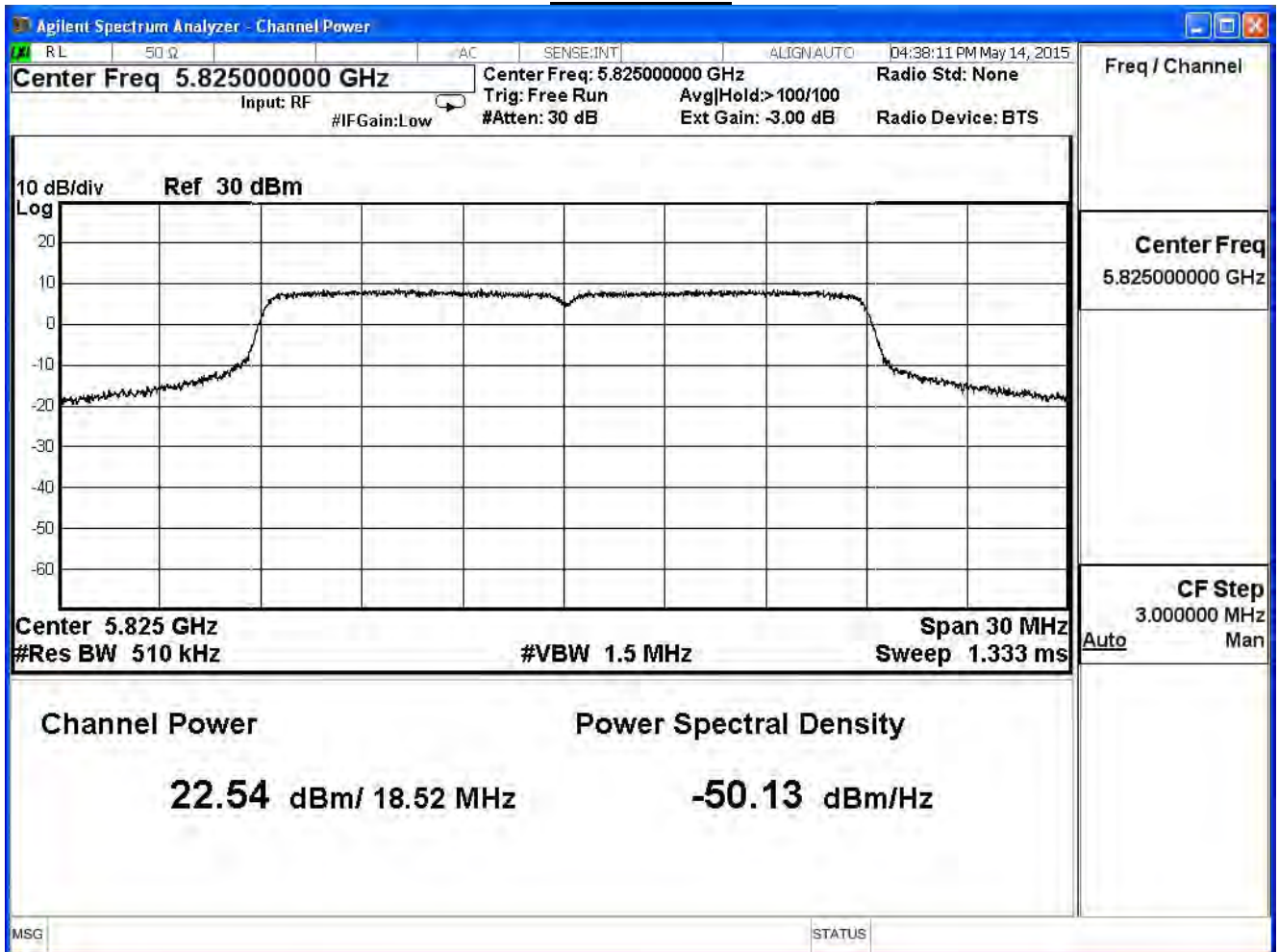
Channel 149



Channel 157



Channel 165



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

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

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

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	27.66	--	--	--	--	--	--	--	30dBm
157	5785	27.79	27.65	27.47	27.30	27.16	27.01	26.80	26.59	30dBm
165	5825	27.53	--	--	--	--	--	--	--	30dBm

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

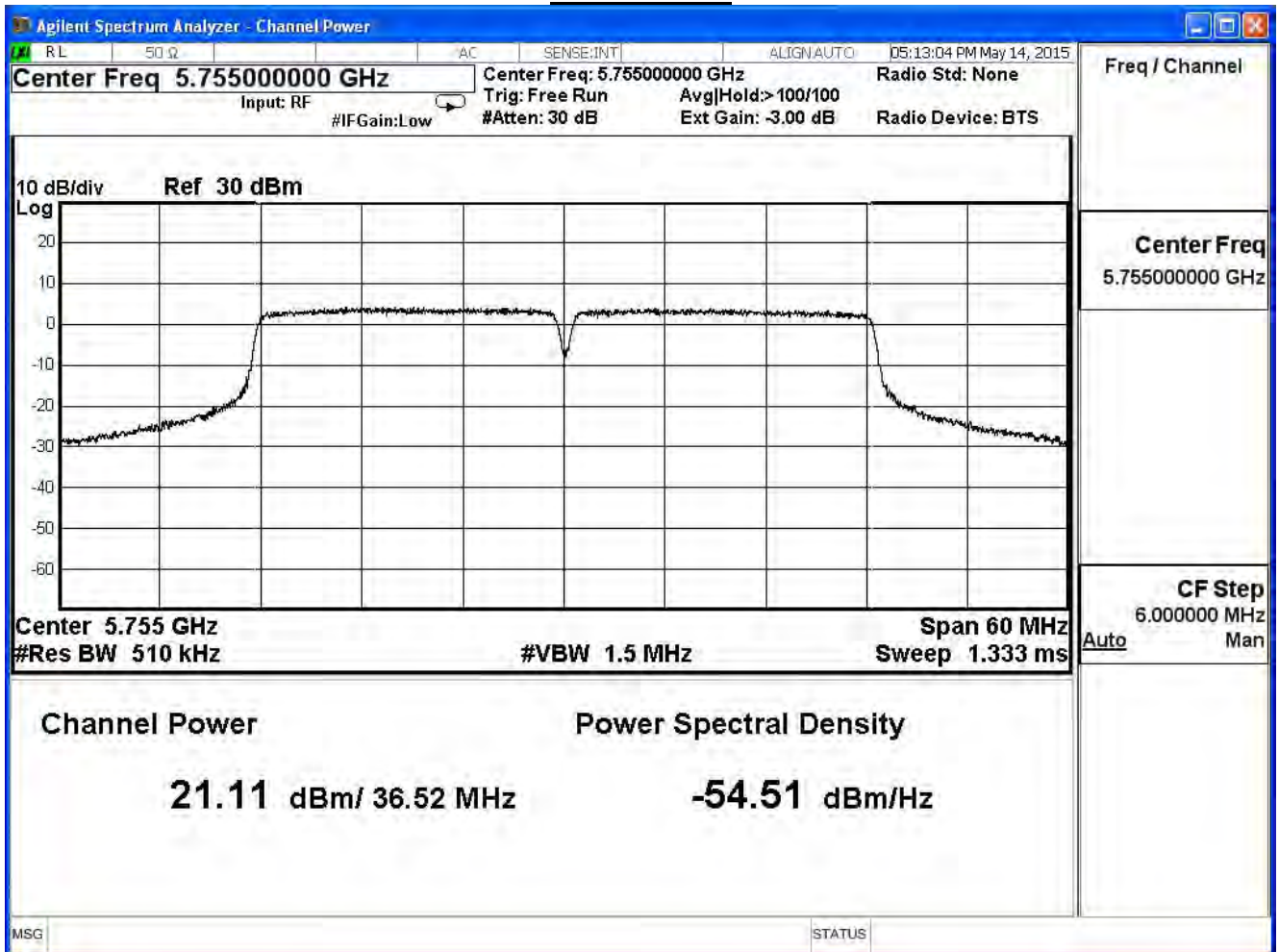
IEEE802.11n 40MHz(ANT 0)

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

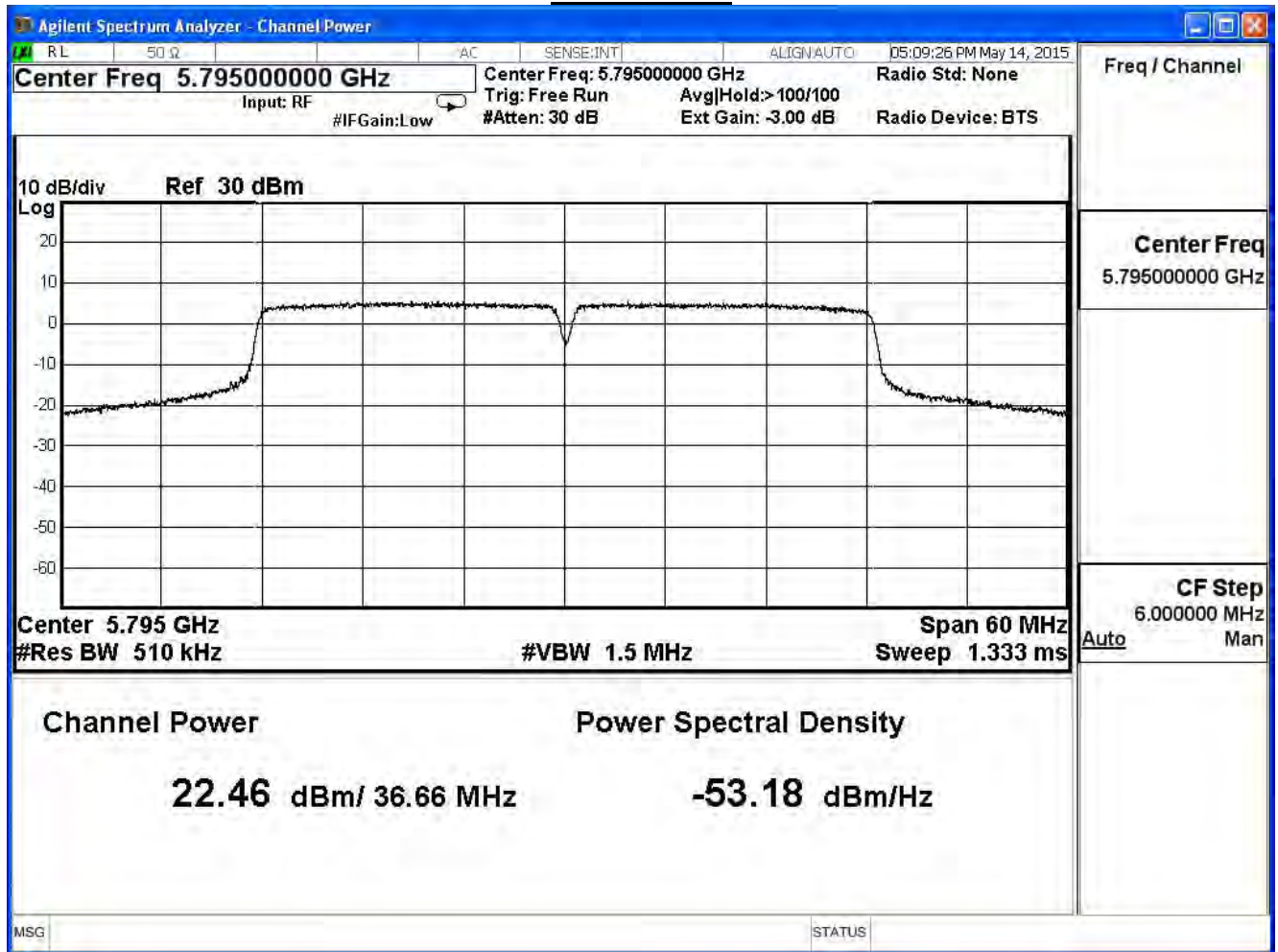
The worst emission of data rate is 13.5 Mbps.

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	21.11	--	--	--	--	--	--	--	30dBm
159	5795	22.46	22.38	22.18	22.08	21.88	21.76	21.52	21.42	30dBm

Channel 151



Channel 159



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

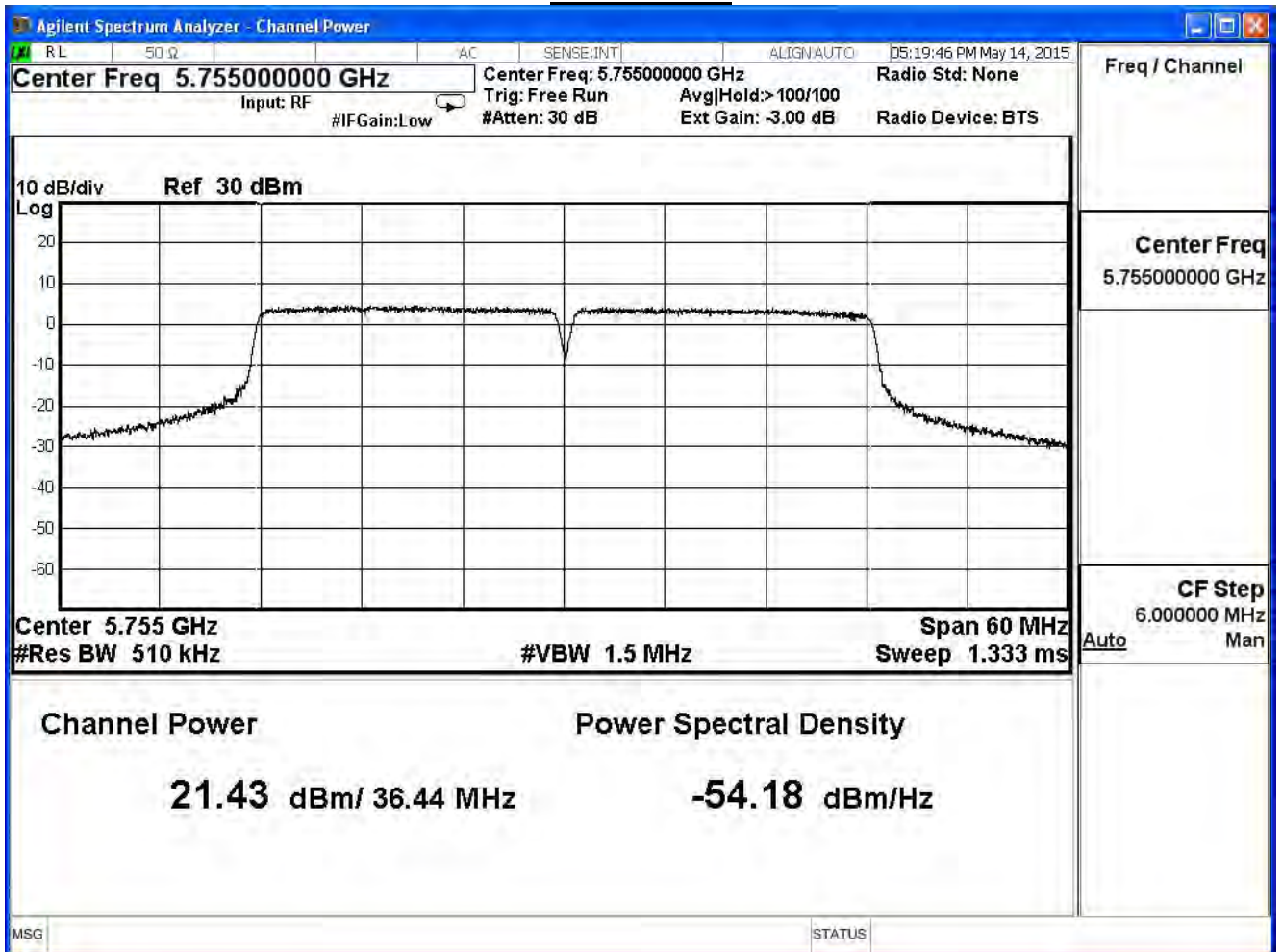
IEEE802.11n 40MHz(ANT 1)

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

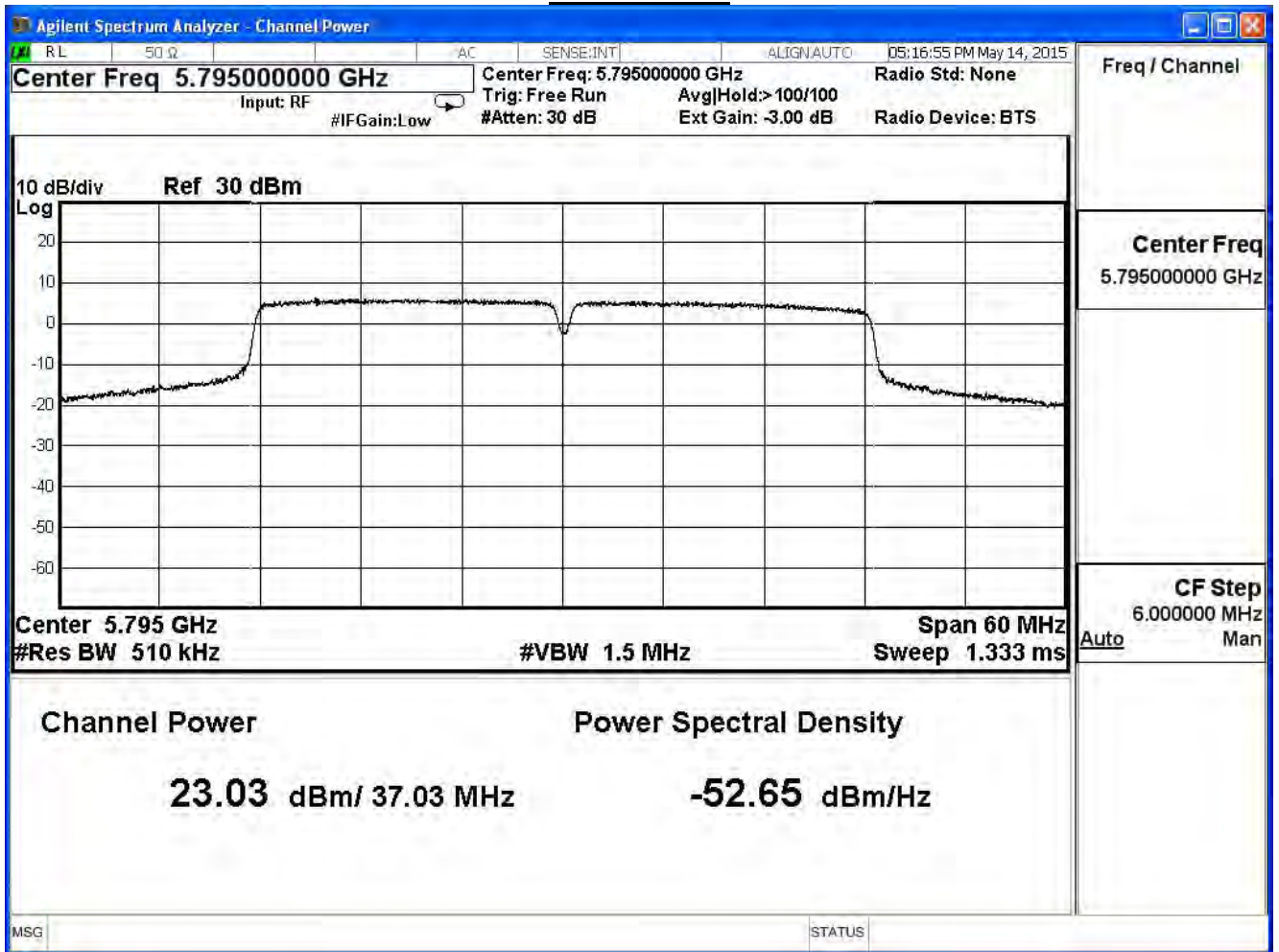
The worst emission of data rate is 13.5 Mbps.

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	21.43	--	--	--	--	--	--	--	30dBm
159	5795	23.03	22.93	22.75	22.65	22.57	22.45	22.33	22.09	30dBm

Channel 151



Channel 159



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

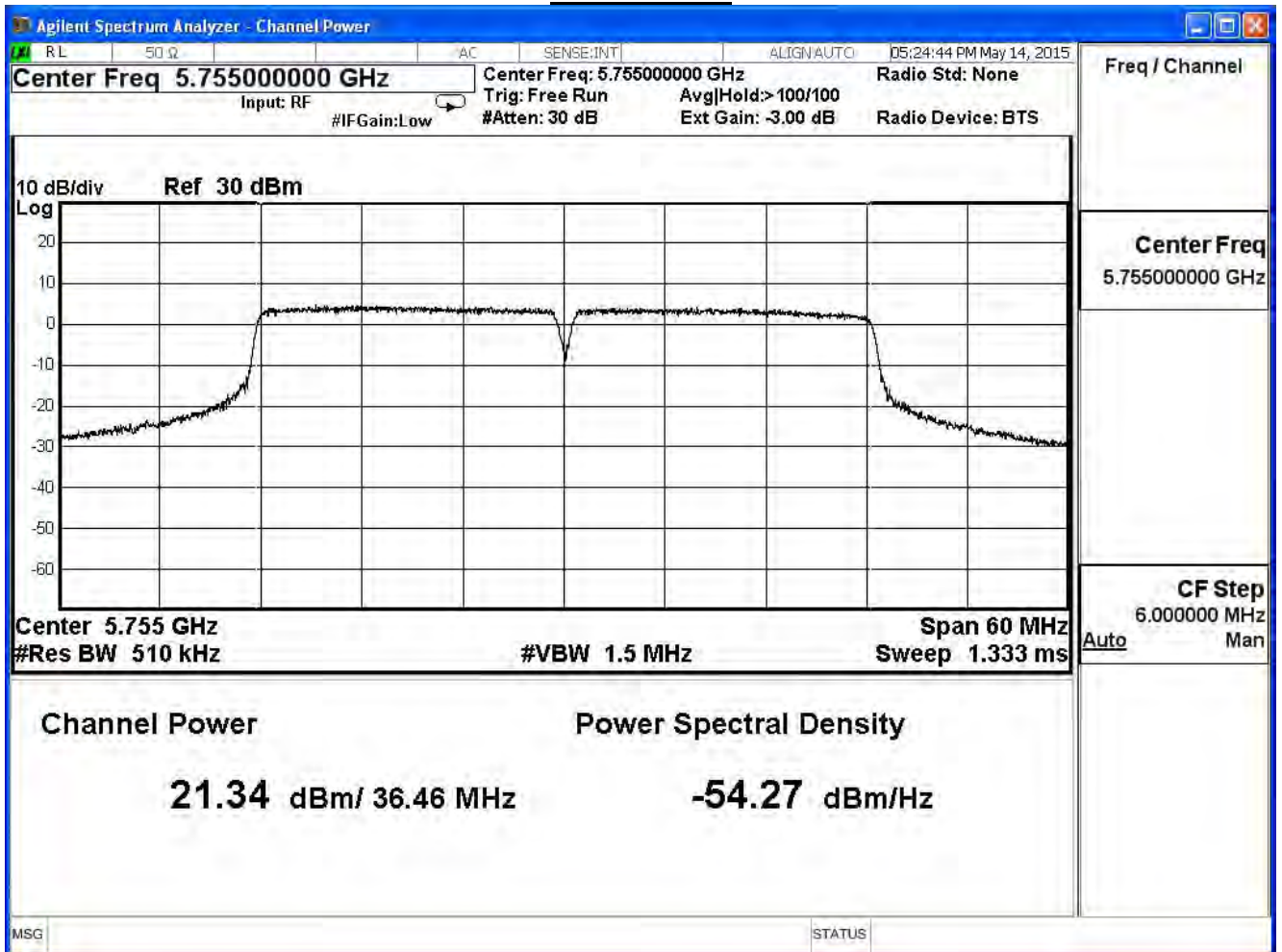
IEEE802.11n 40MHz(ANT 2)

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

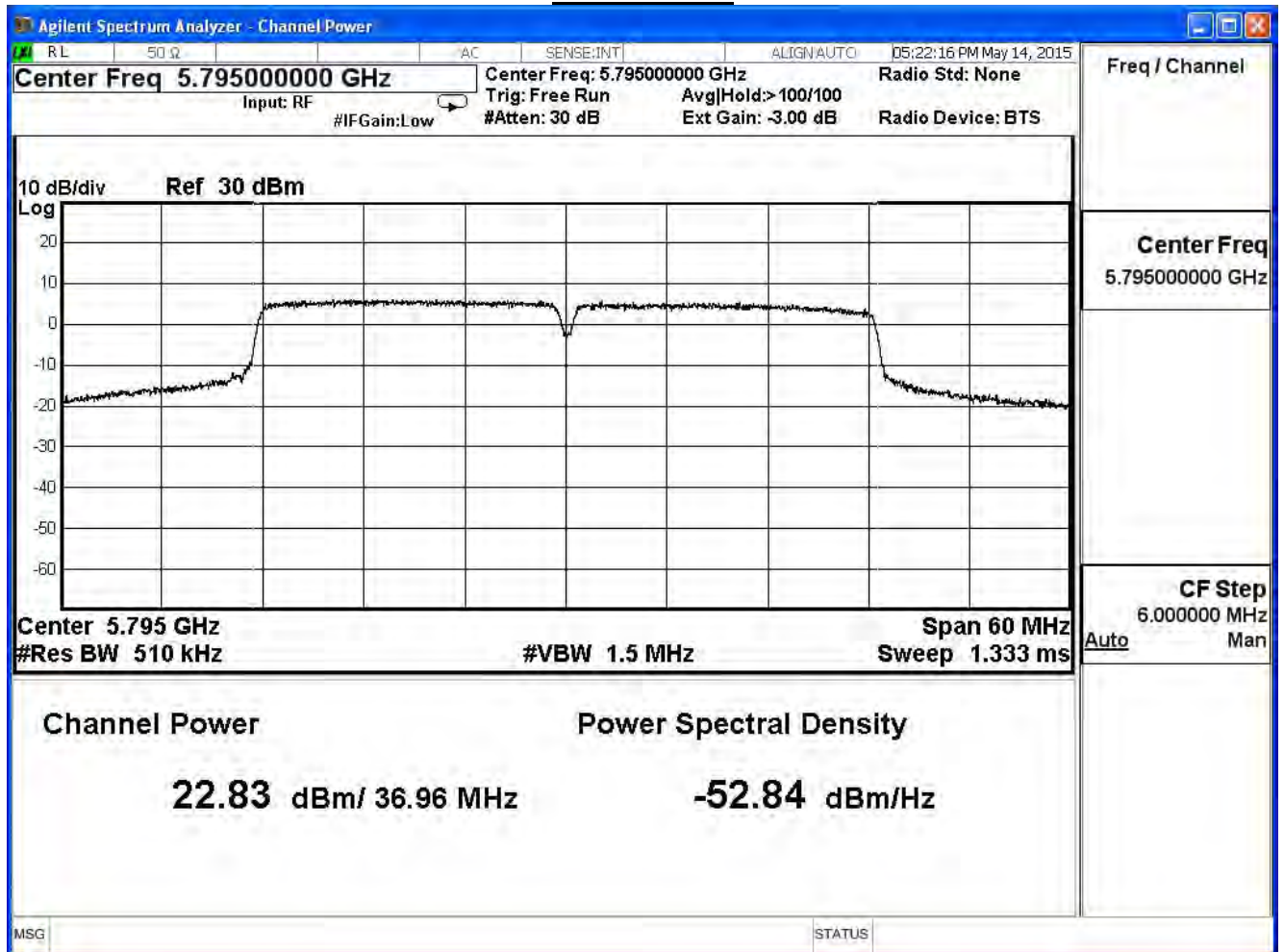
The worst emission of data rate is 13.5 Mbps.

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	21.34	--	--	--	--	--	--	--	30dBm
159	5795	22.83	22.72	22.62	22.42	22.22	21.98	21.85	21.73	30dBm

Channel 151



Channel 159



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

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

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

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	26.07	--	--	--	--	--	--	--	30dBm
159	5795	27.55	27.43	27.30	27.14	26.98	26.82	26.70	26.51	30dBm

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

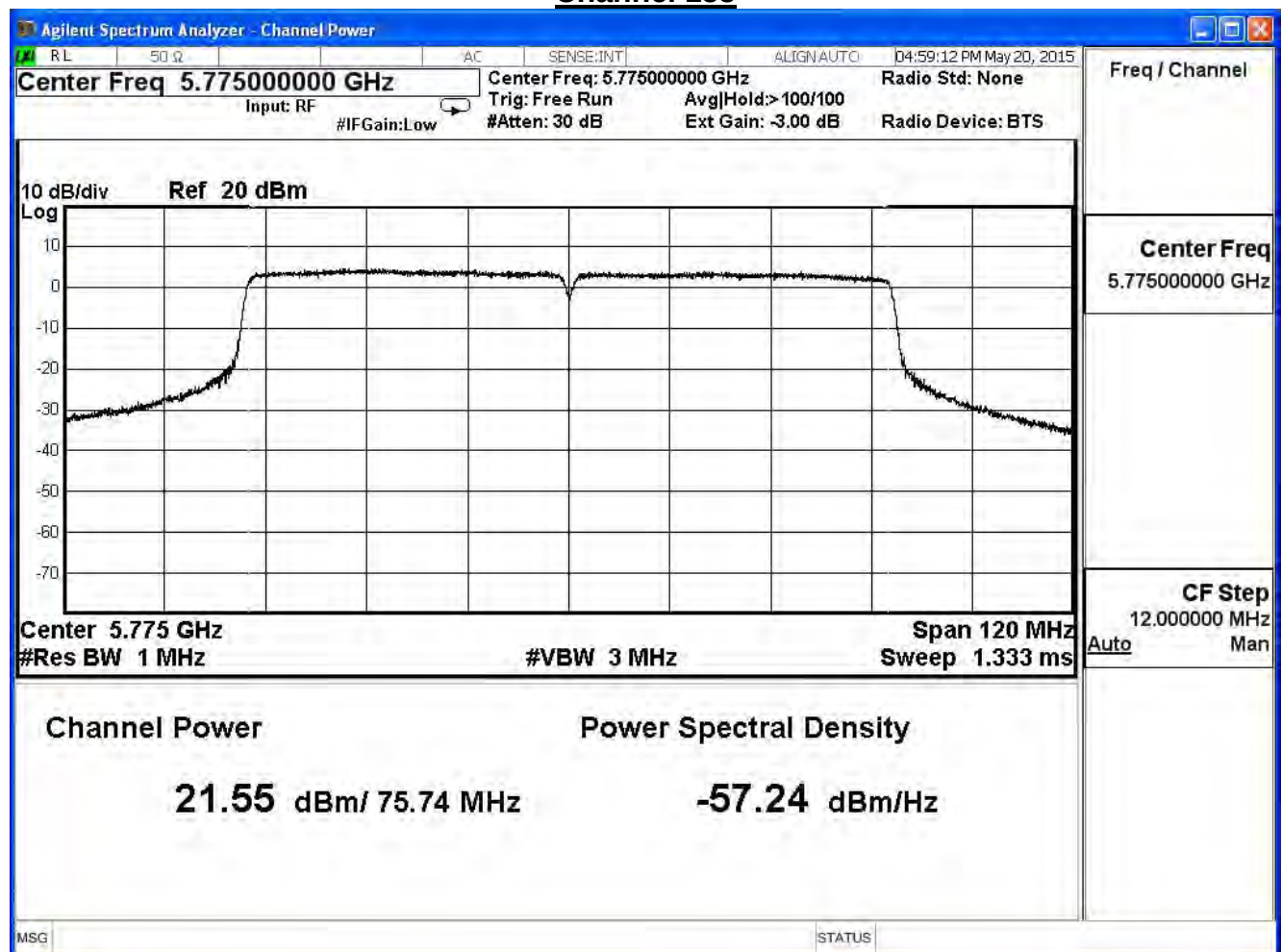
IEEE 802.11ac 80MHz (ANT 0)

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

The worst emission of data rate is 29.3 Mbps.

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

Channel 155



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

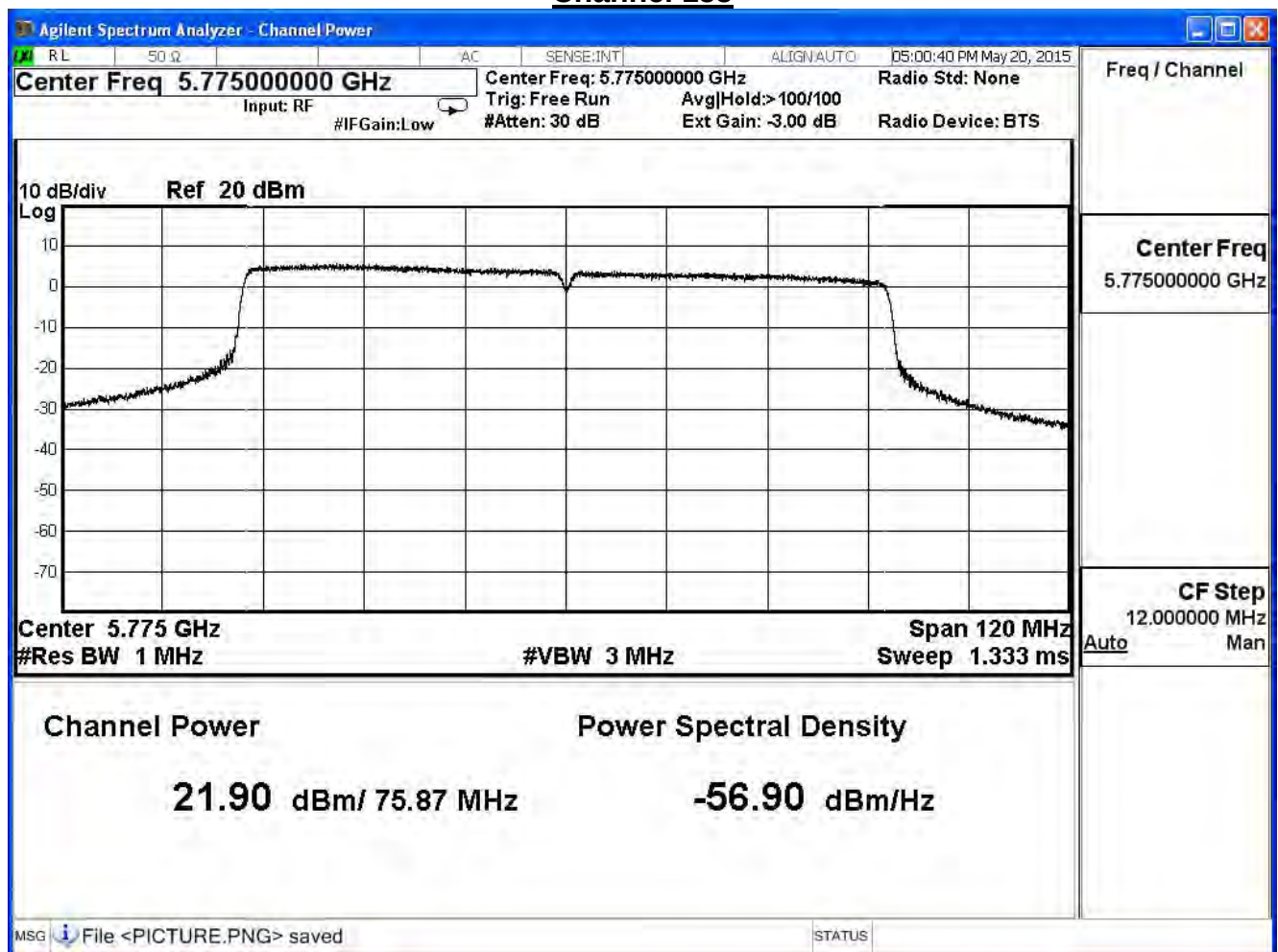
IEEE 802.11ac 80MHz (ANT 1)

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

The worst emission of data rate is 29.3 Mbps.

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

Channel 155



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

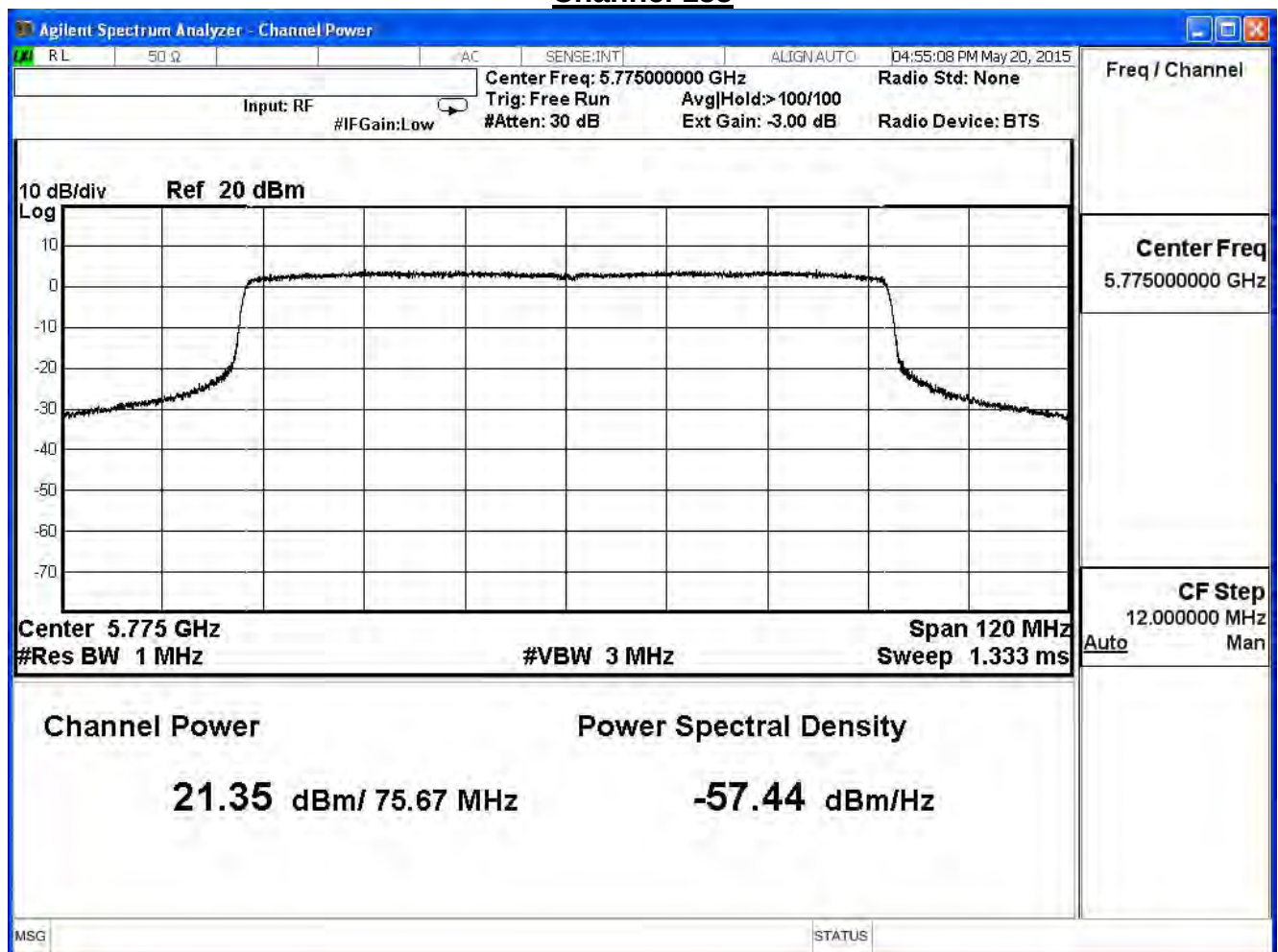
IEEE 802.11ac 80MHz (ANT 2)

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

The worst emission of data rate is 29.3 Mbps.

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

Channel 155



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

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

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

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

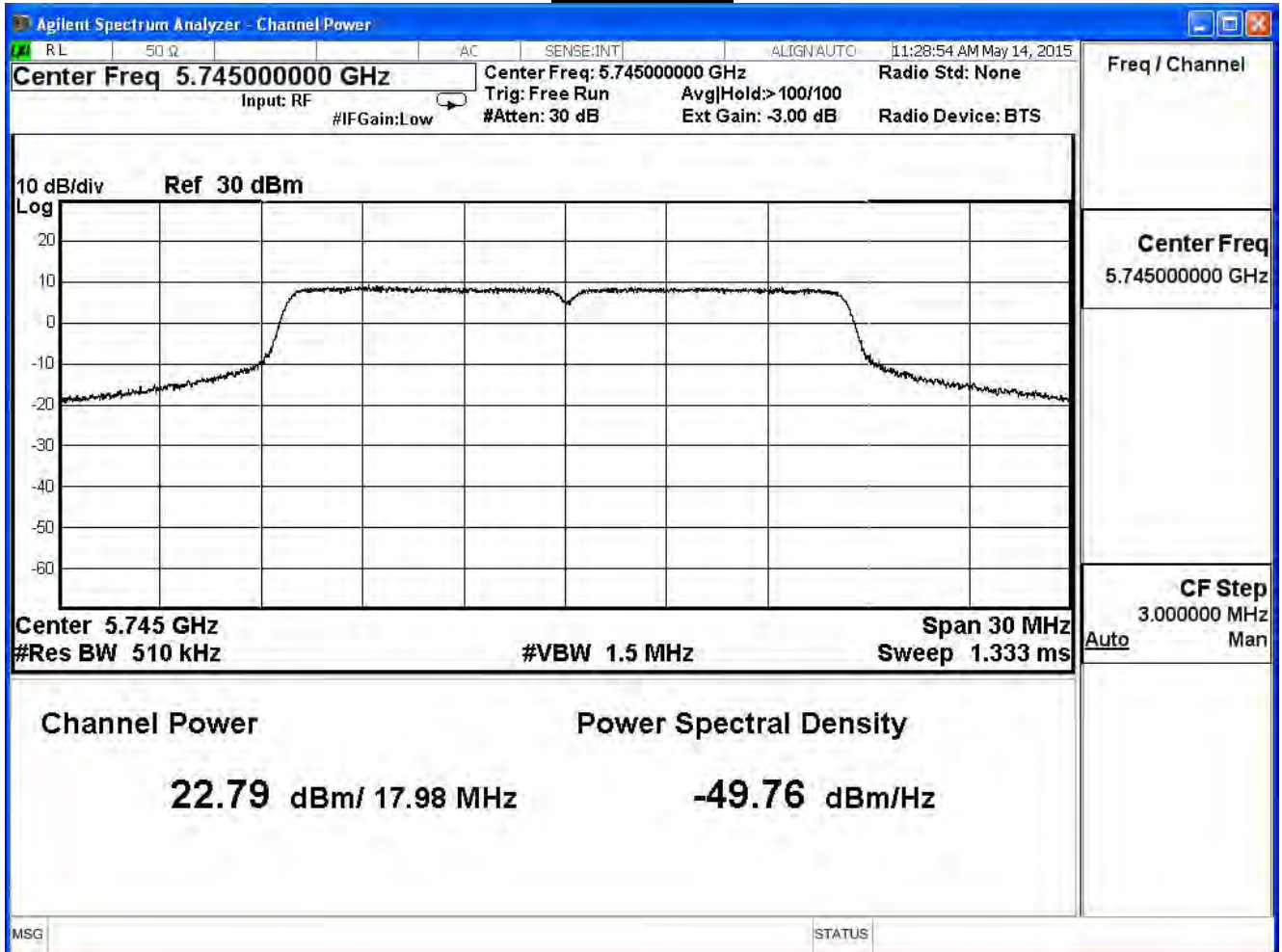
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.79	≤ 30	Pass
157	5785	22.82	≤ 30	Pass
165	5825	22.82	≤ 30	Pass

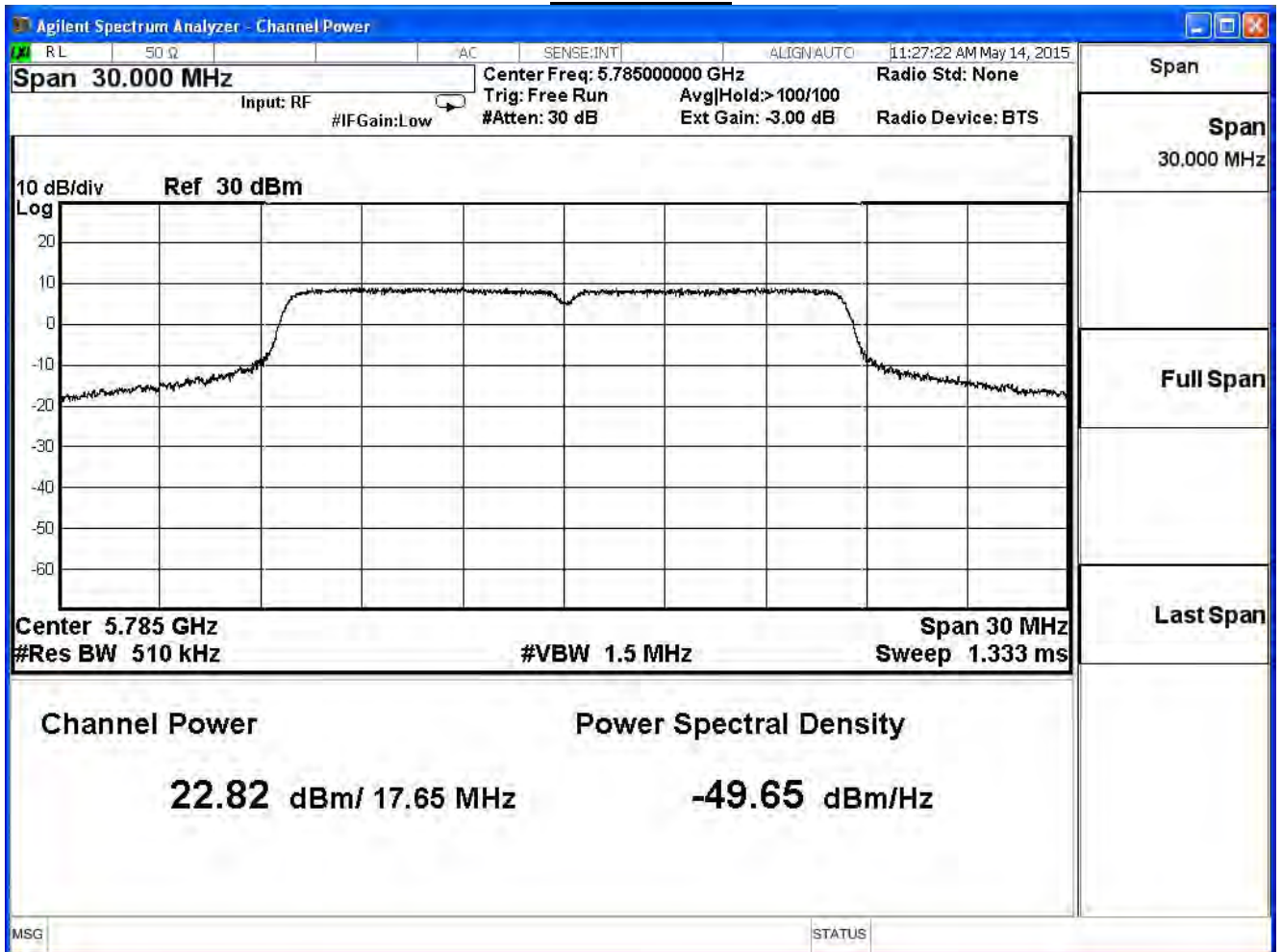
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	22.79	--	--	--	--	--	--	30dBm
157	5785	22.82	22.60	22.50	22.40	22.16	21.92	21.62	30dBm
165	5825	22.82	--	--	--	--	--	--	30dBm

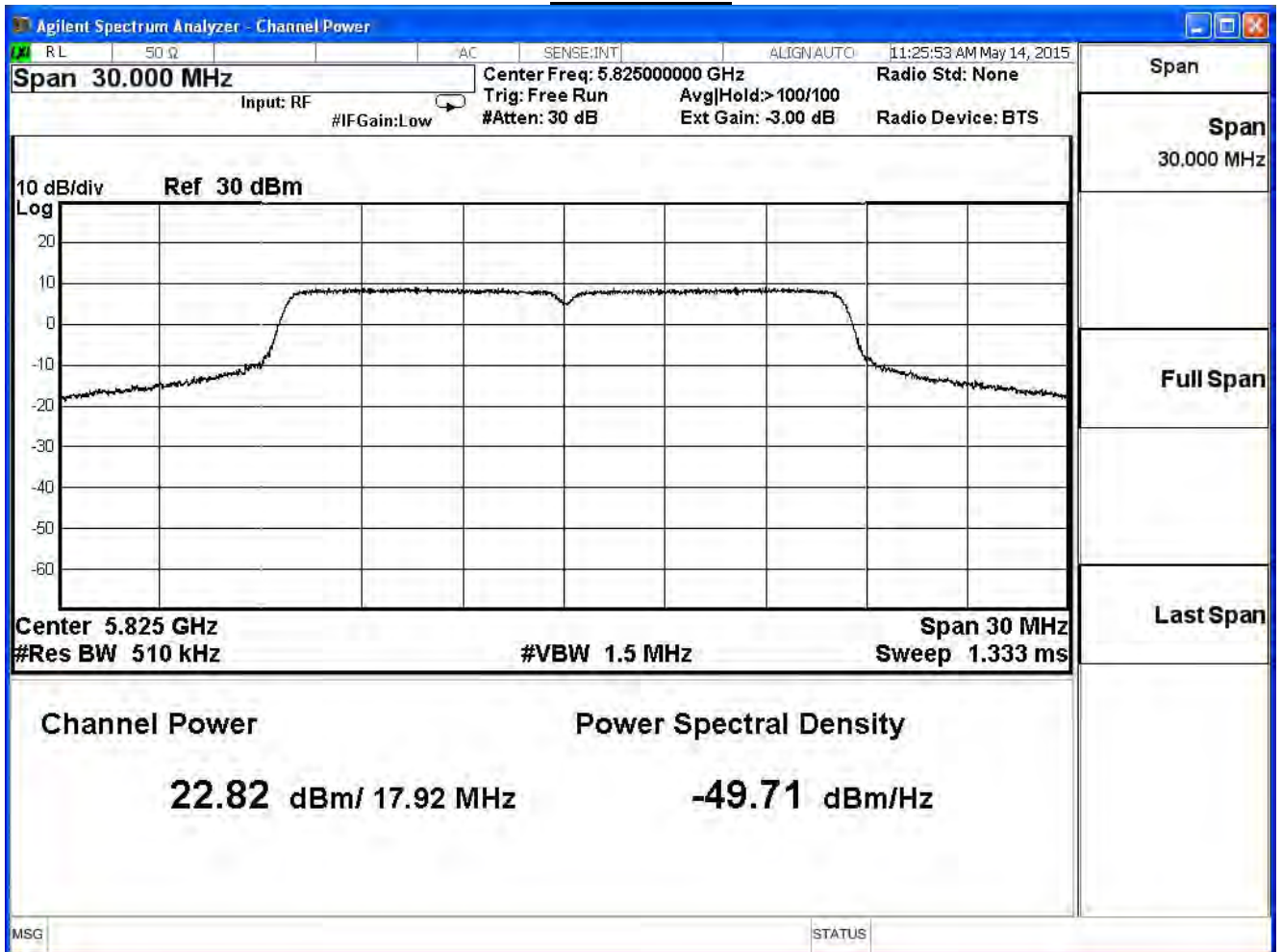
Channel 149



Channel 157



Channel 165



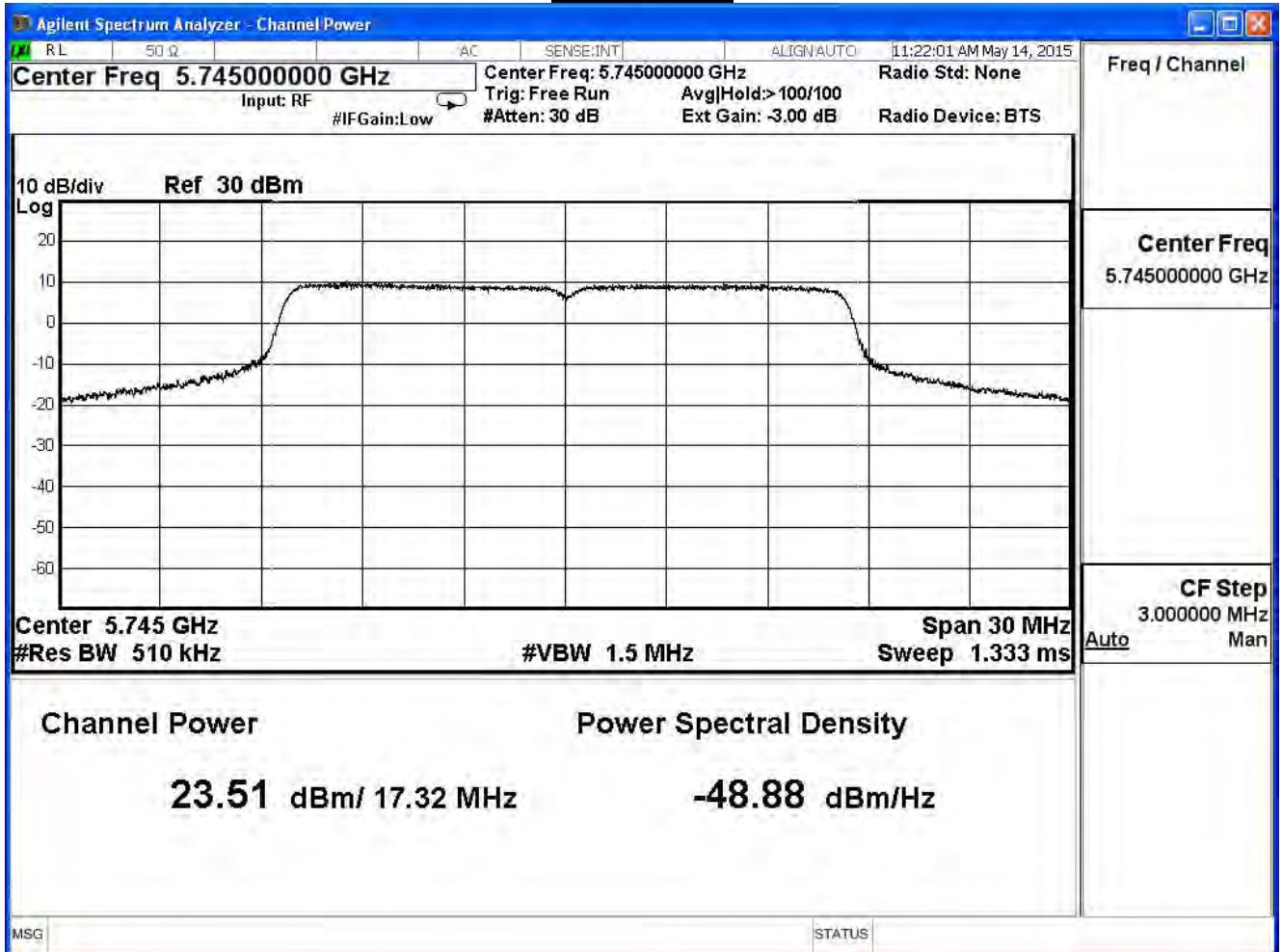
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.51	≤ 30	Pass
157	5785	23.79	≤ 30	Pass
165	5825	23.60	≤ 30	Pass

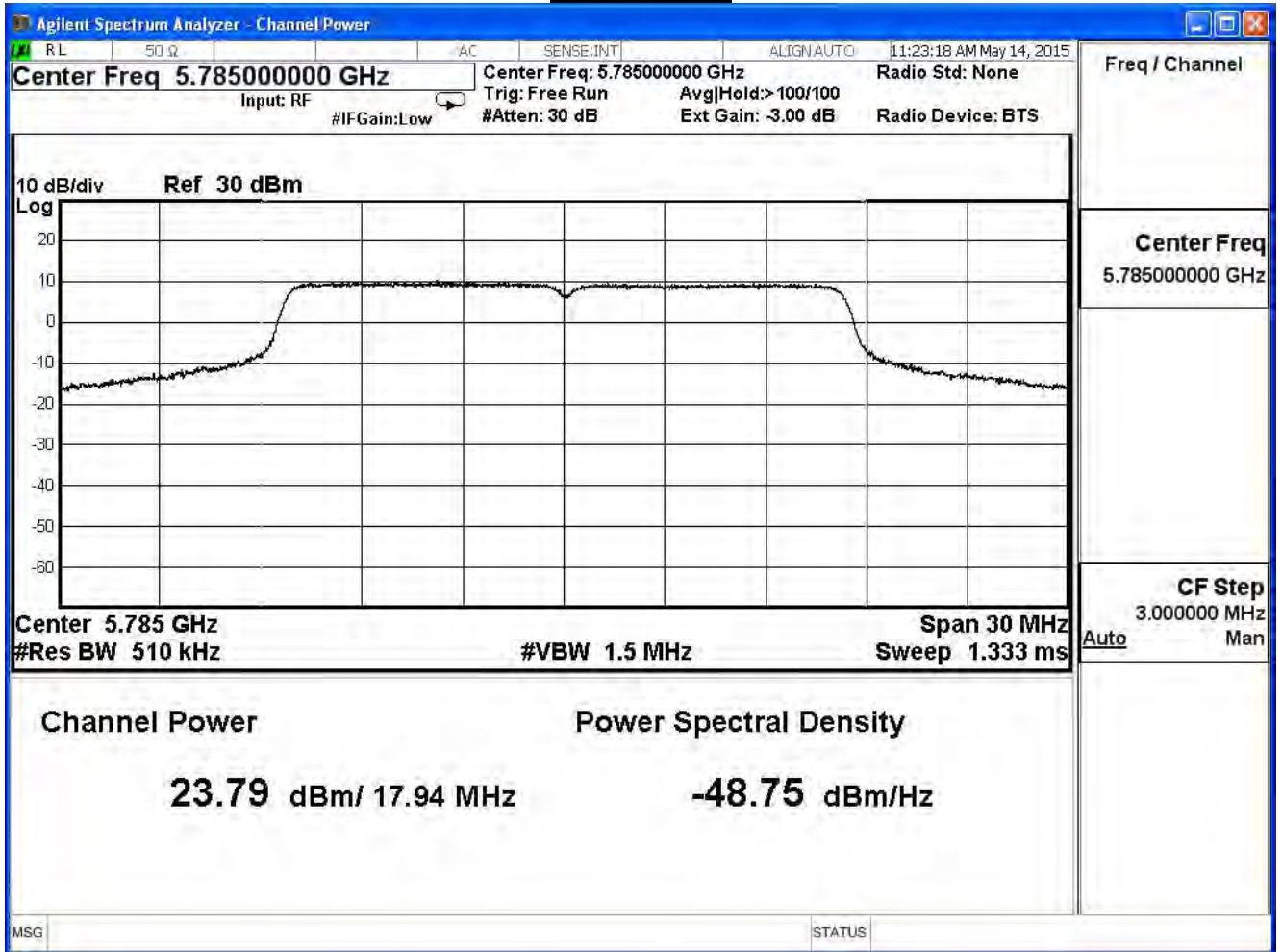
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.51	--	--	--	--	--	--	30dBm
157	5785	23.79	23.59	23.35	23.15	22.95	22.69	22.45	30dBm
165	5825	23.60	--	--	--	--	--	--	30dBm

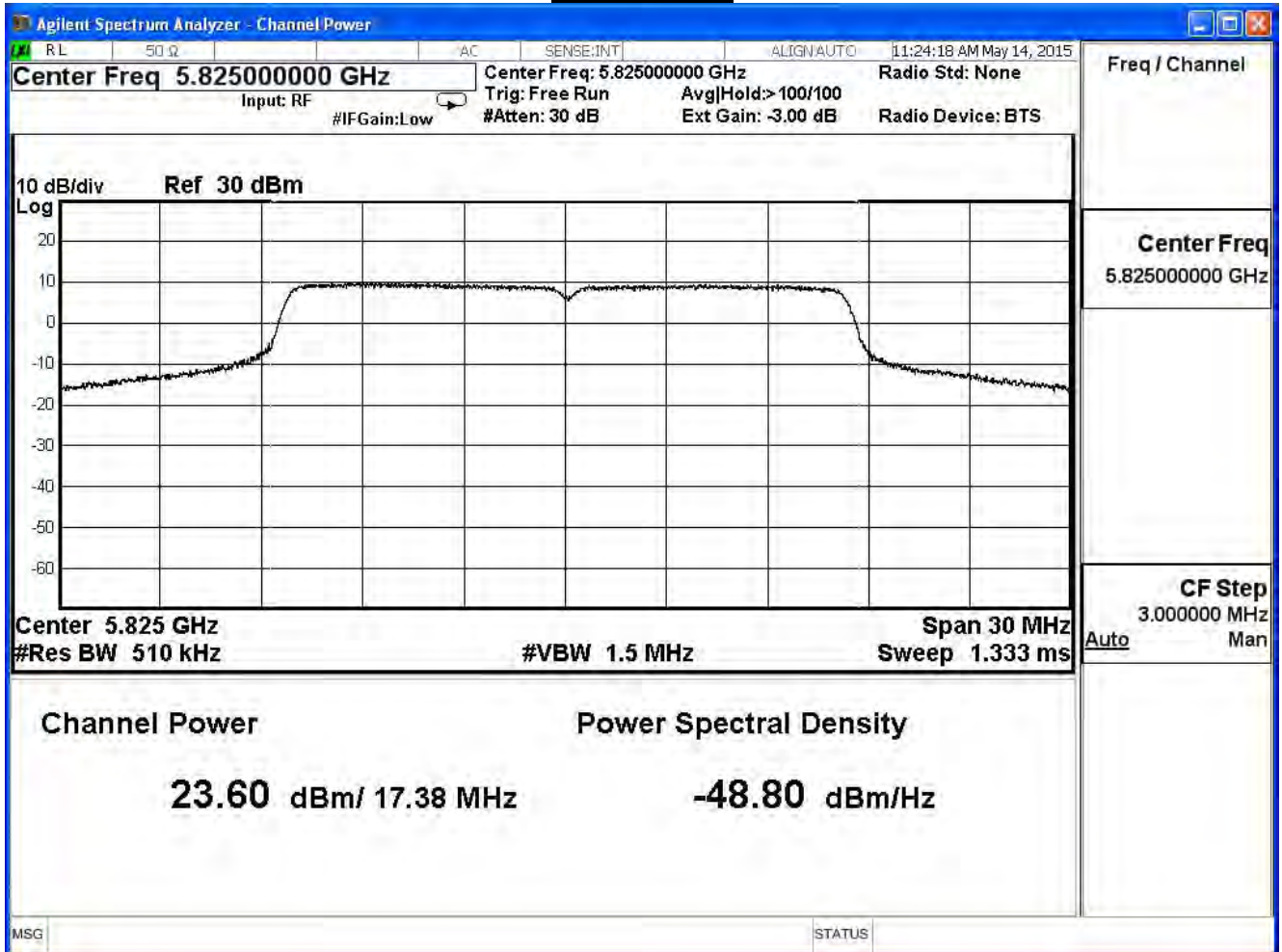
Channel 149



Channel 157



Channel 165



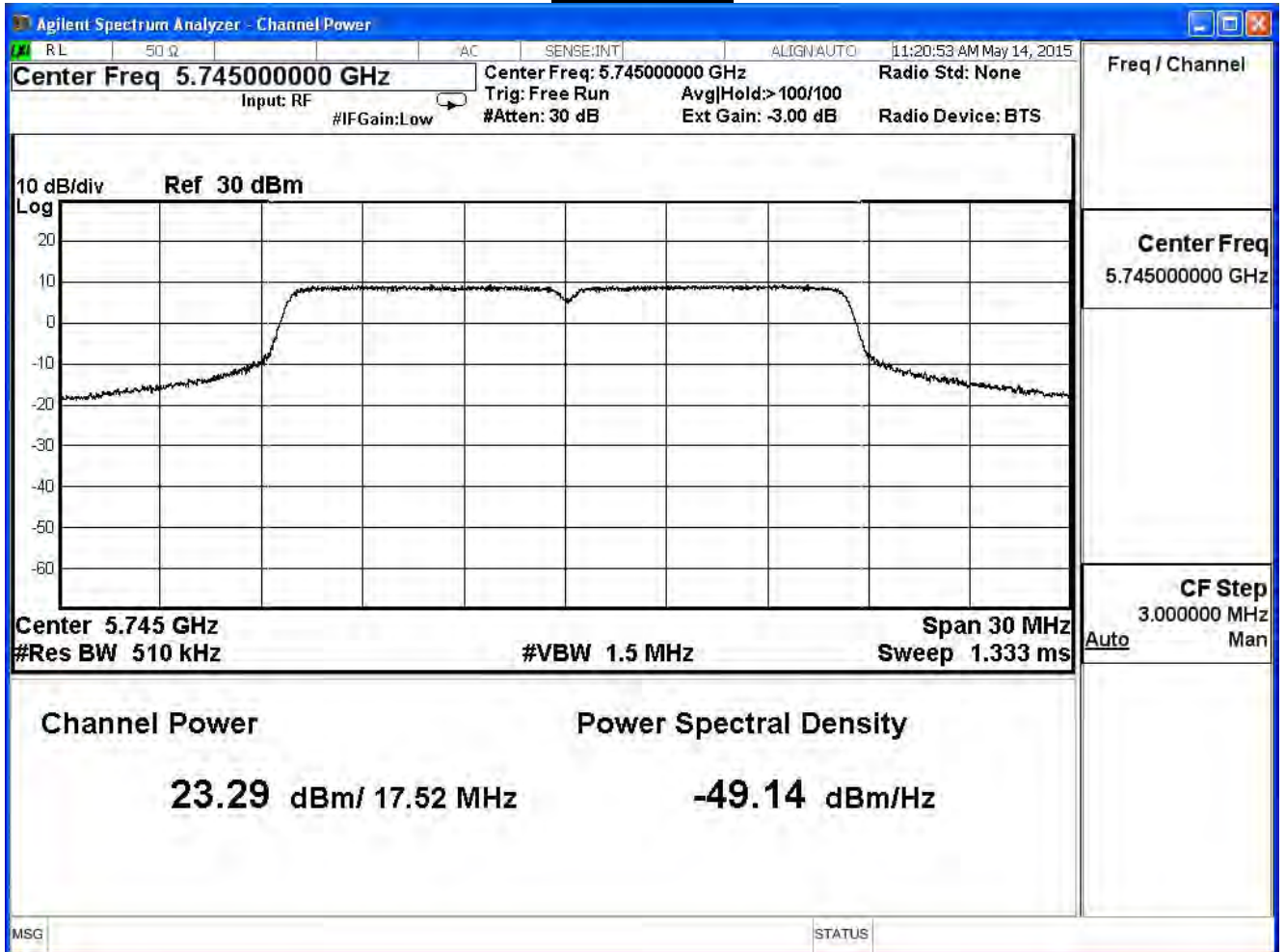
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	23.29	≤ 30	Pass
157	5785	23.26	≤ 30	Pass
165	5825	23.16	≤ 30	Pass

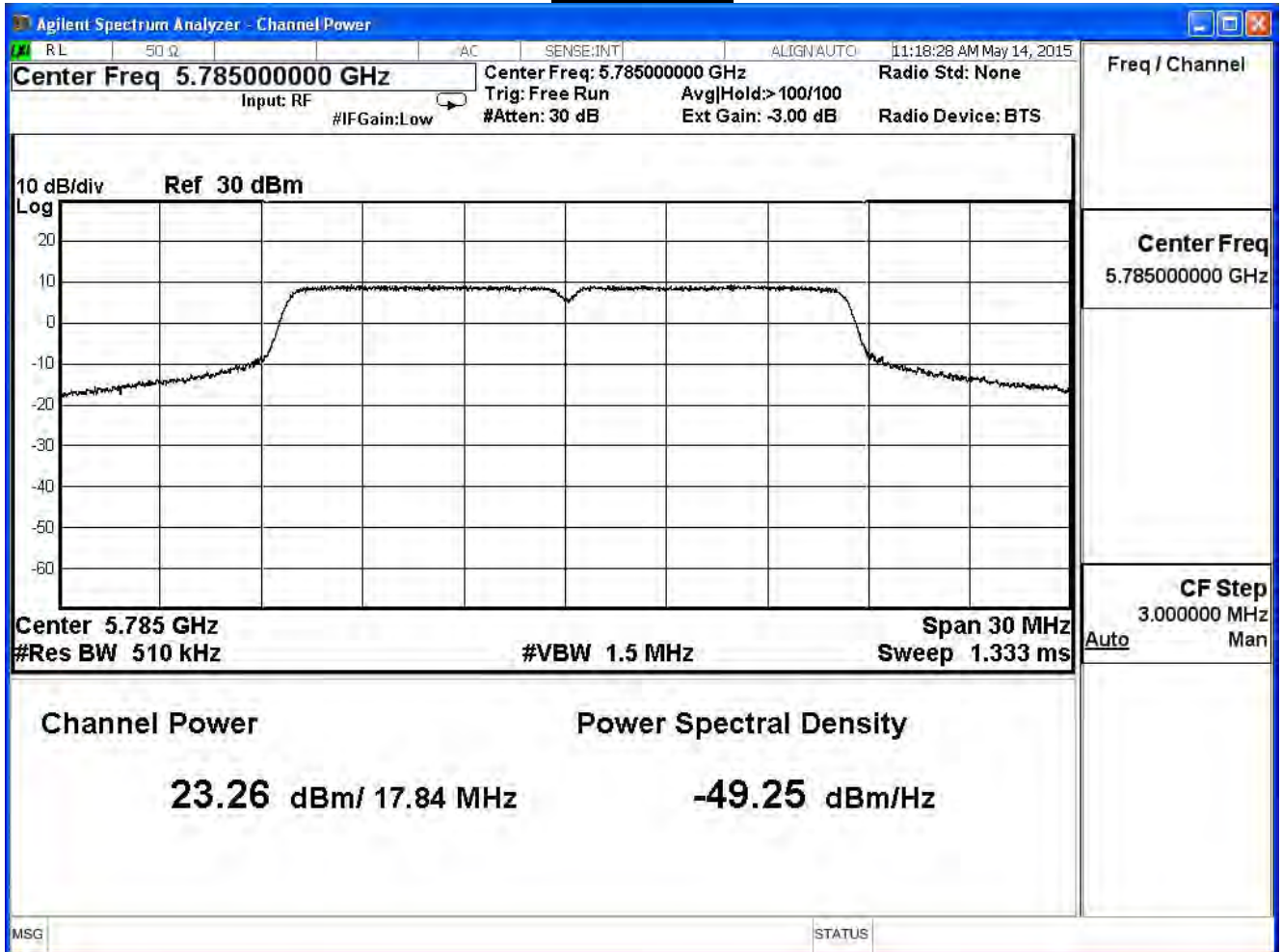
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	23.29	--	--	--	--	--	--	30dBm
157	5785	23.26	23.06	22.96	22.84	22.74	22.50	22.38	30dBm
165	5825	23.16	--	--	--	--	--	--	30dBm

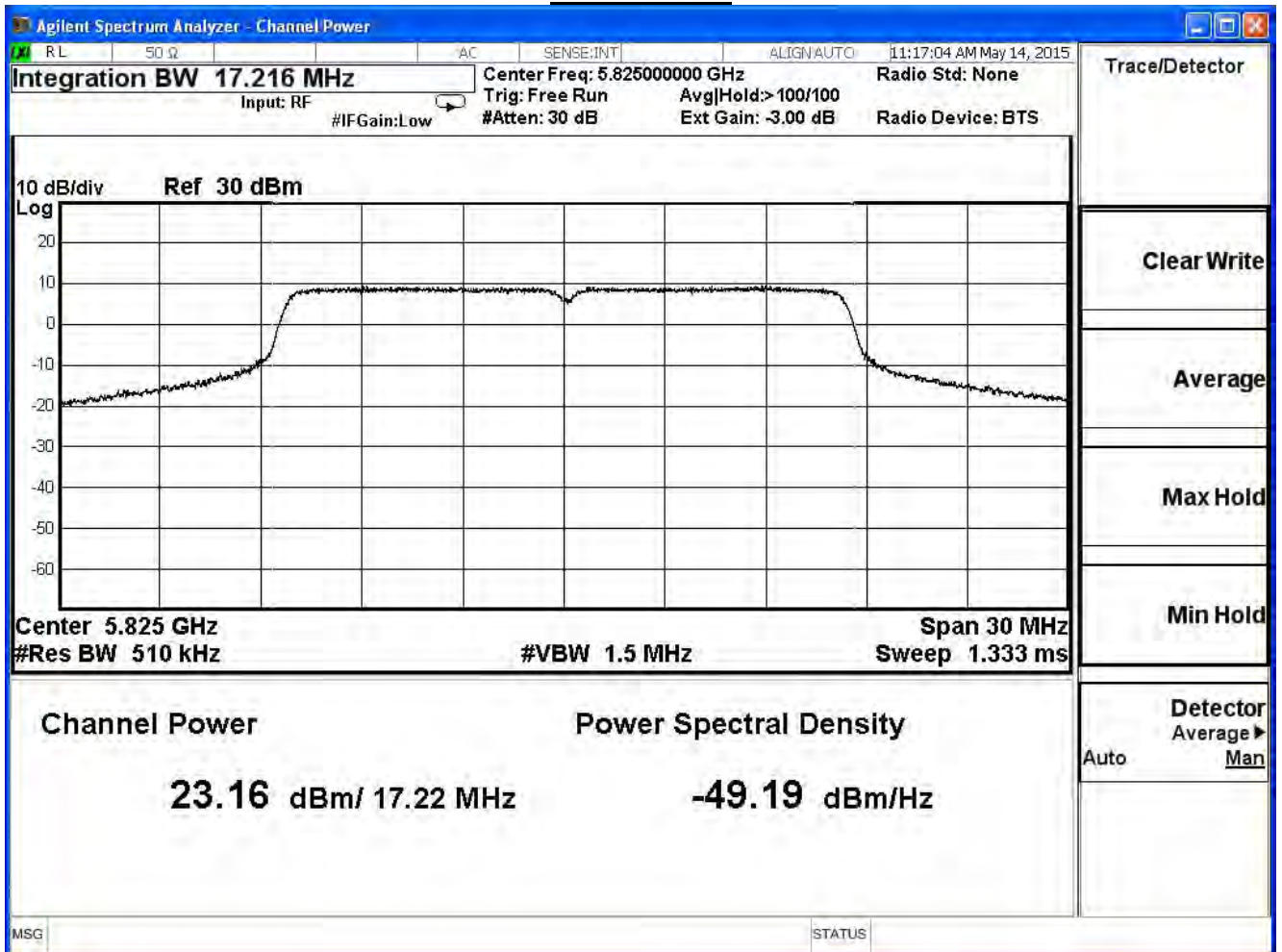
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	27.98	≤ 30	Pass
157	5785	28.08	≤ 30	Pass
165	5825	27.98	≤ 30	Pass

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	27.98	--	--	--	--	--	--	30dBm
157	5785	28.08	27.87	27.72	27.58	27.40	27.15	26.94	30dBm
165	5825	27.98	--	--	--	--	--	--	30dBm

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

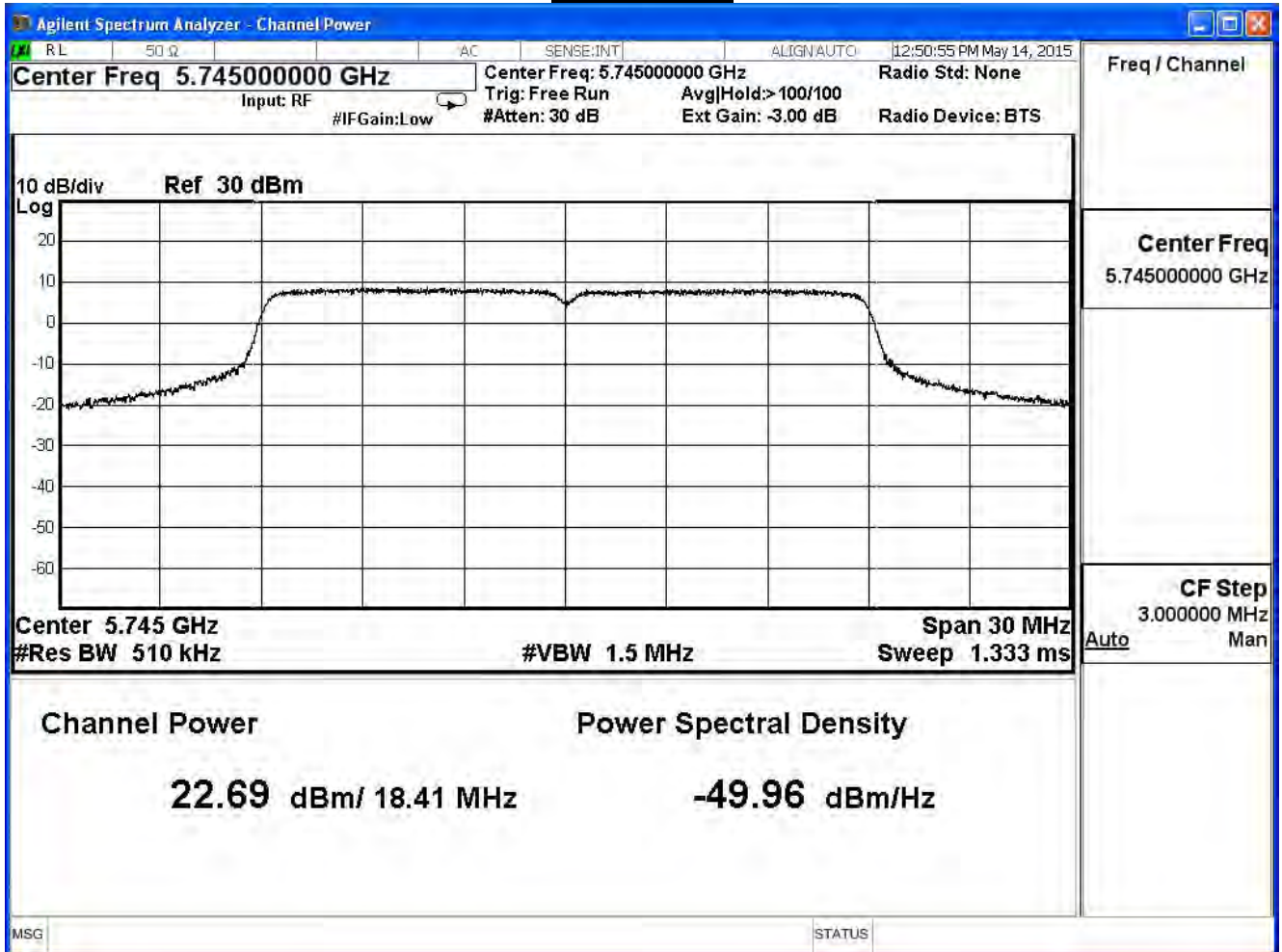
IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.69	≤ 30	Pass
157	5785	22.65	≤ 30	Pass
165	5825	22.59	≤ 30	Pass

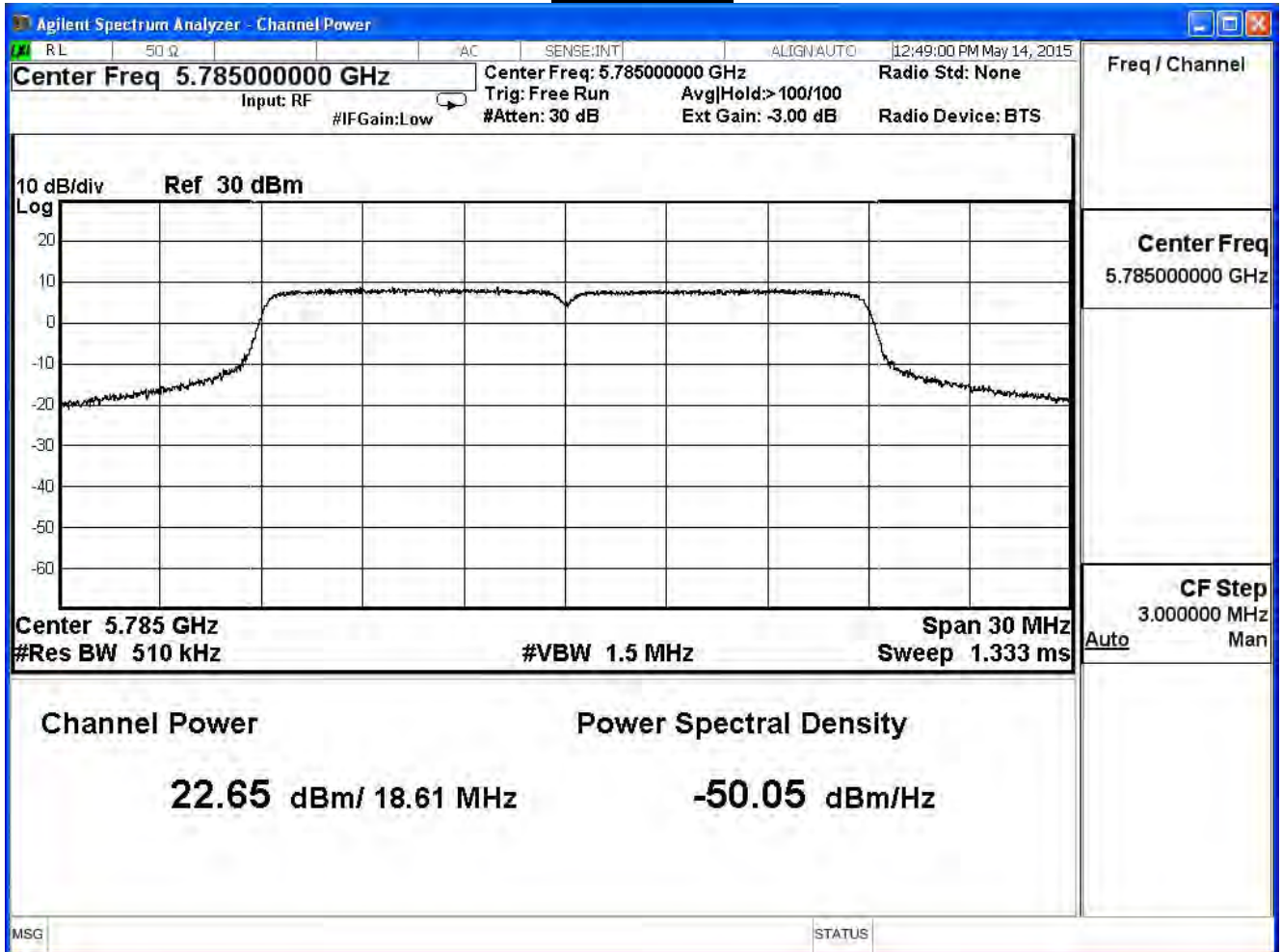
The worst emission of data rate is 6.5 Mbps.

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	22.69	--	--	--	--	--	--	--	30dBm
157	5785	22.65	22.43	22.33	22.13	21.89	21.65	21.35	21.23	30dBm
165	5825	22.59	--	--	--	--	--	--	--	30dBm

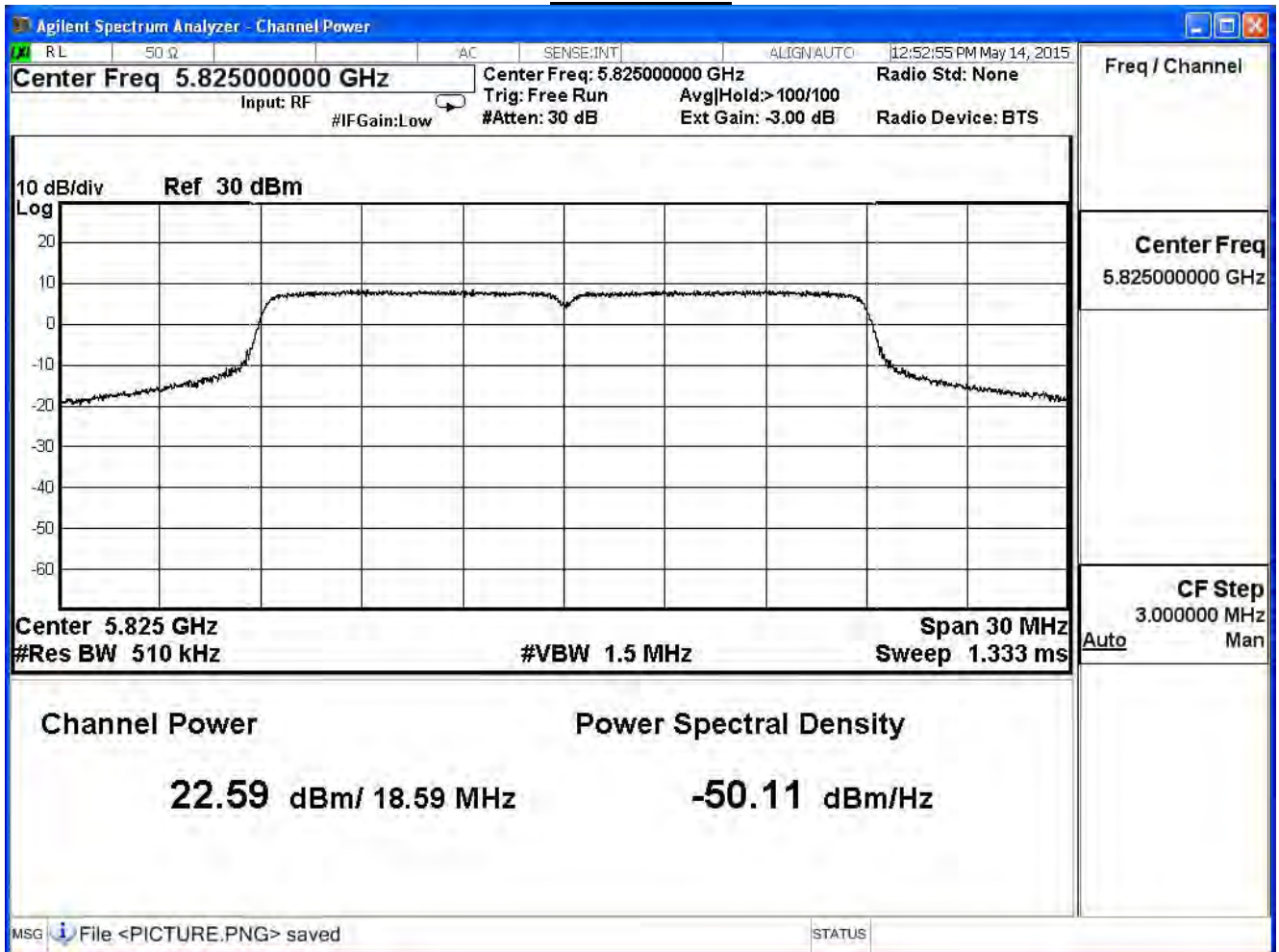
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

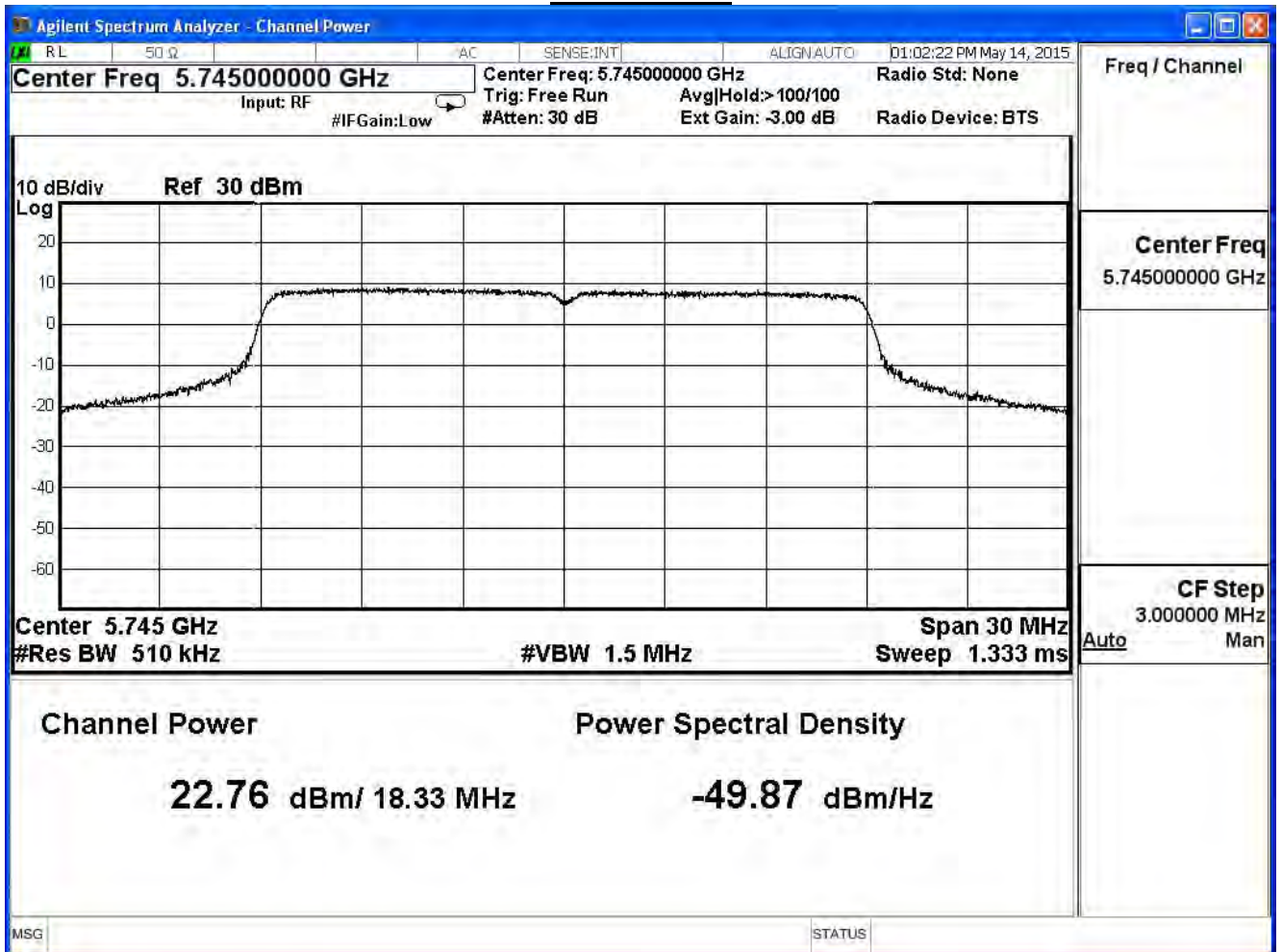
IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.76	≤ 30	Pass
157	5785	23.53	≤ 30	Pass
165	5825	22.75	≤ 30	Pass

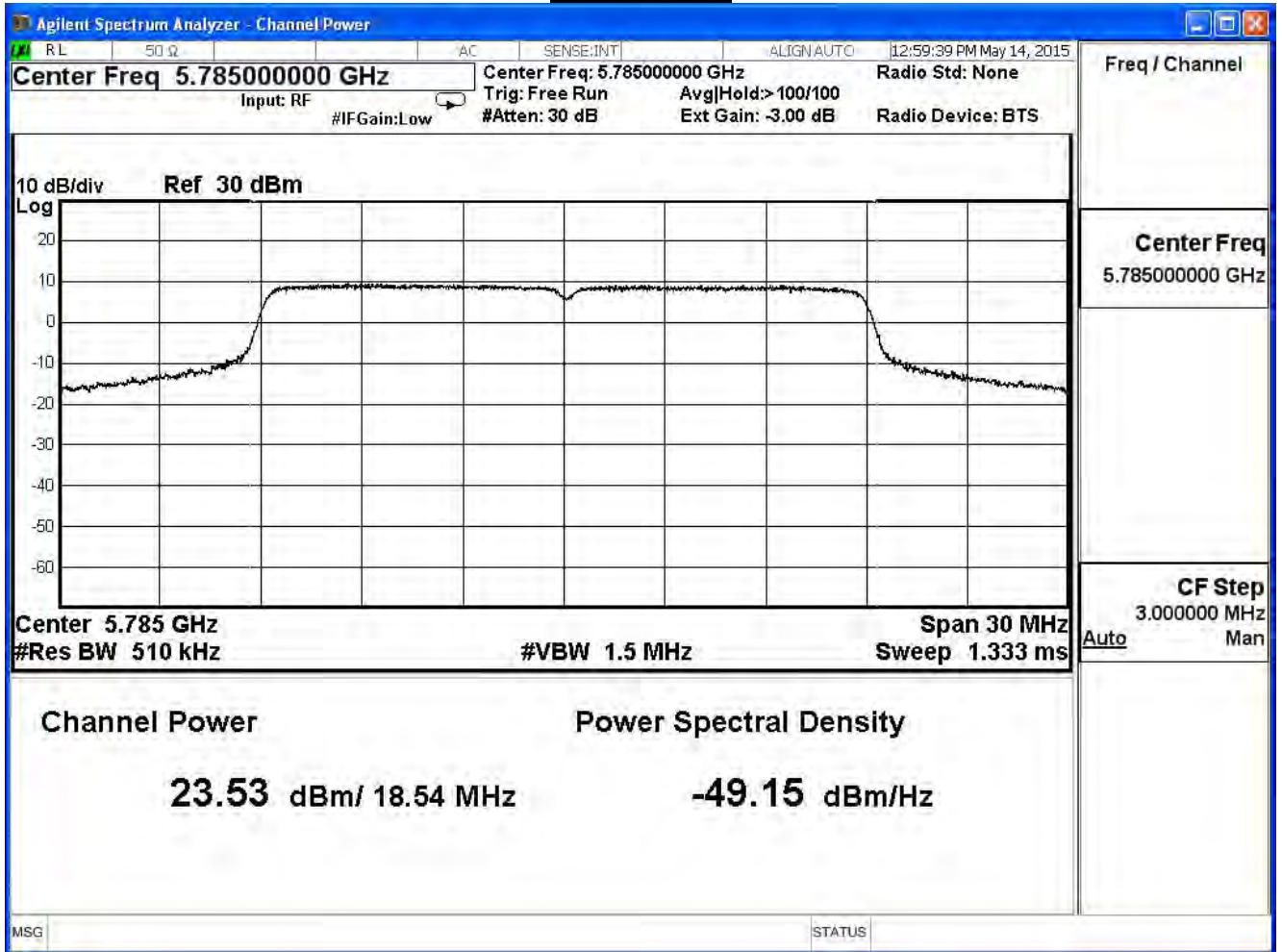
The worst emission of data rate is 6.5Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	22.76	--	--	--	--	--	--	--	30dBm
157	5785	23.53	23.33	23.21	23.01	22.91	22.78	22.66	22.54	30dBm
165	5825	22.75	--	--	--	--	--	--	--	30dBm

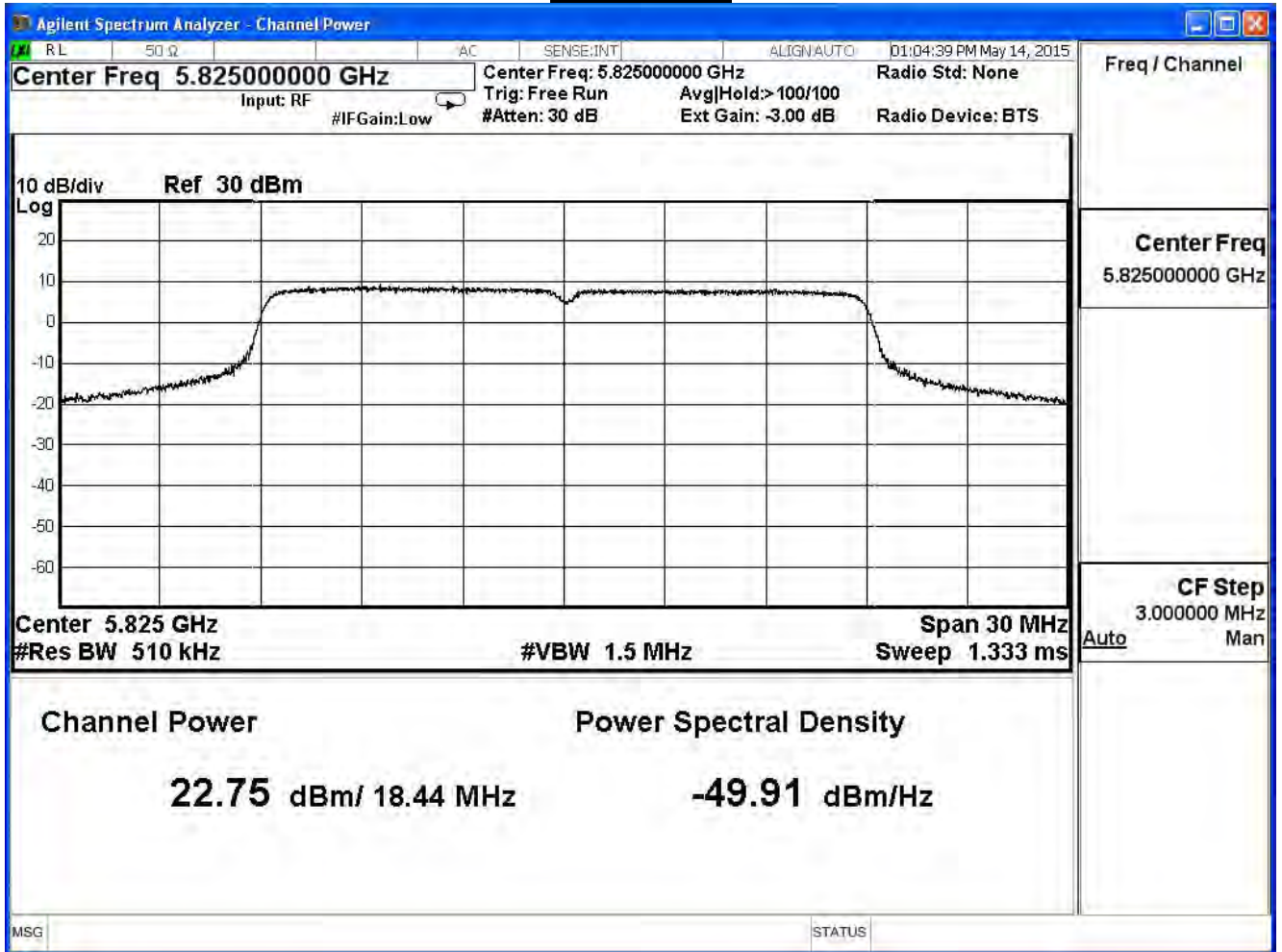
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

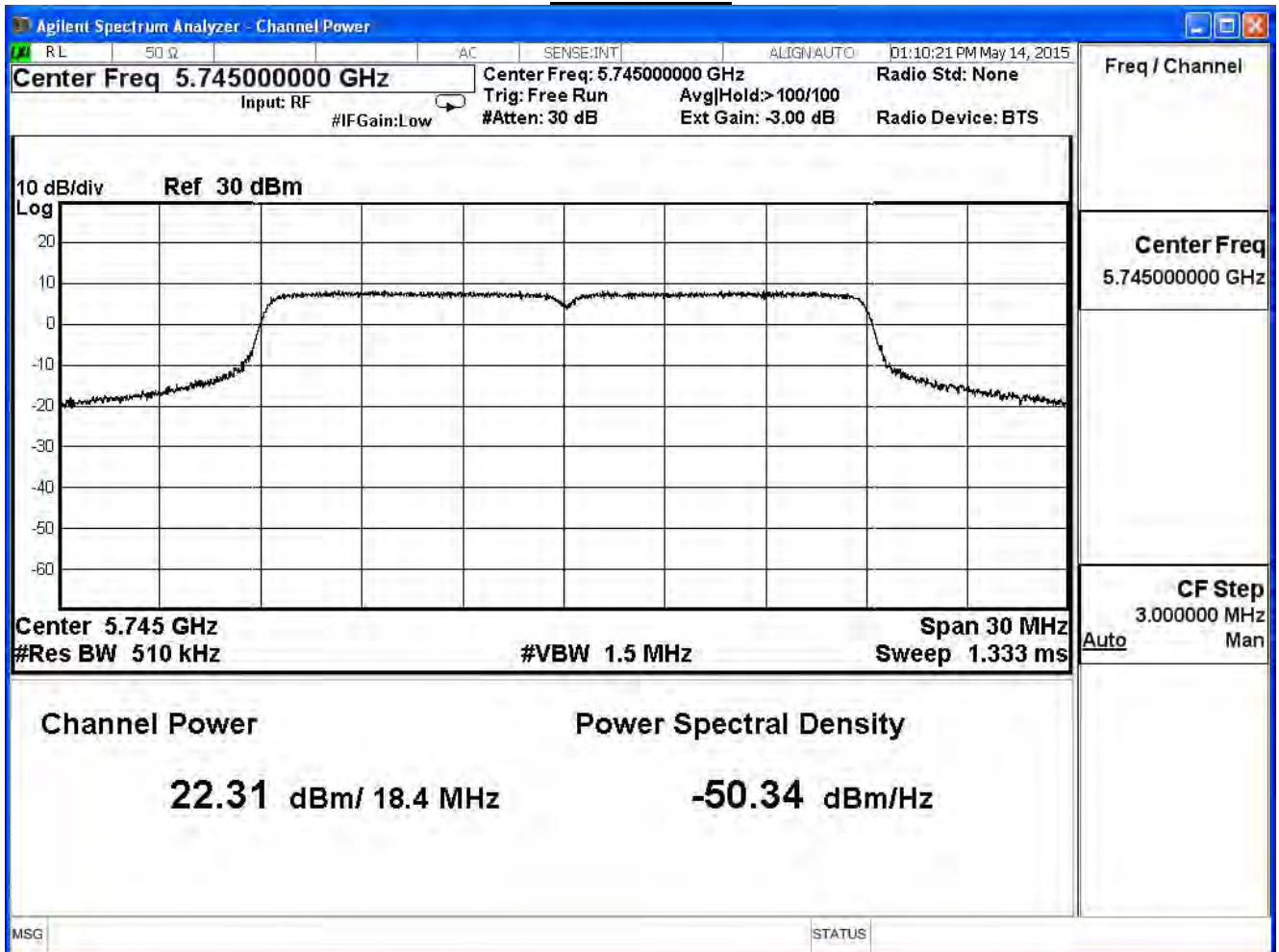
IEEE 802.11n 20MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	22.31	≤ 30	Pass
157	5785	22.19	≤ 30	Pass
165	5825	21.87	≤ 30	Pass

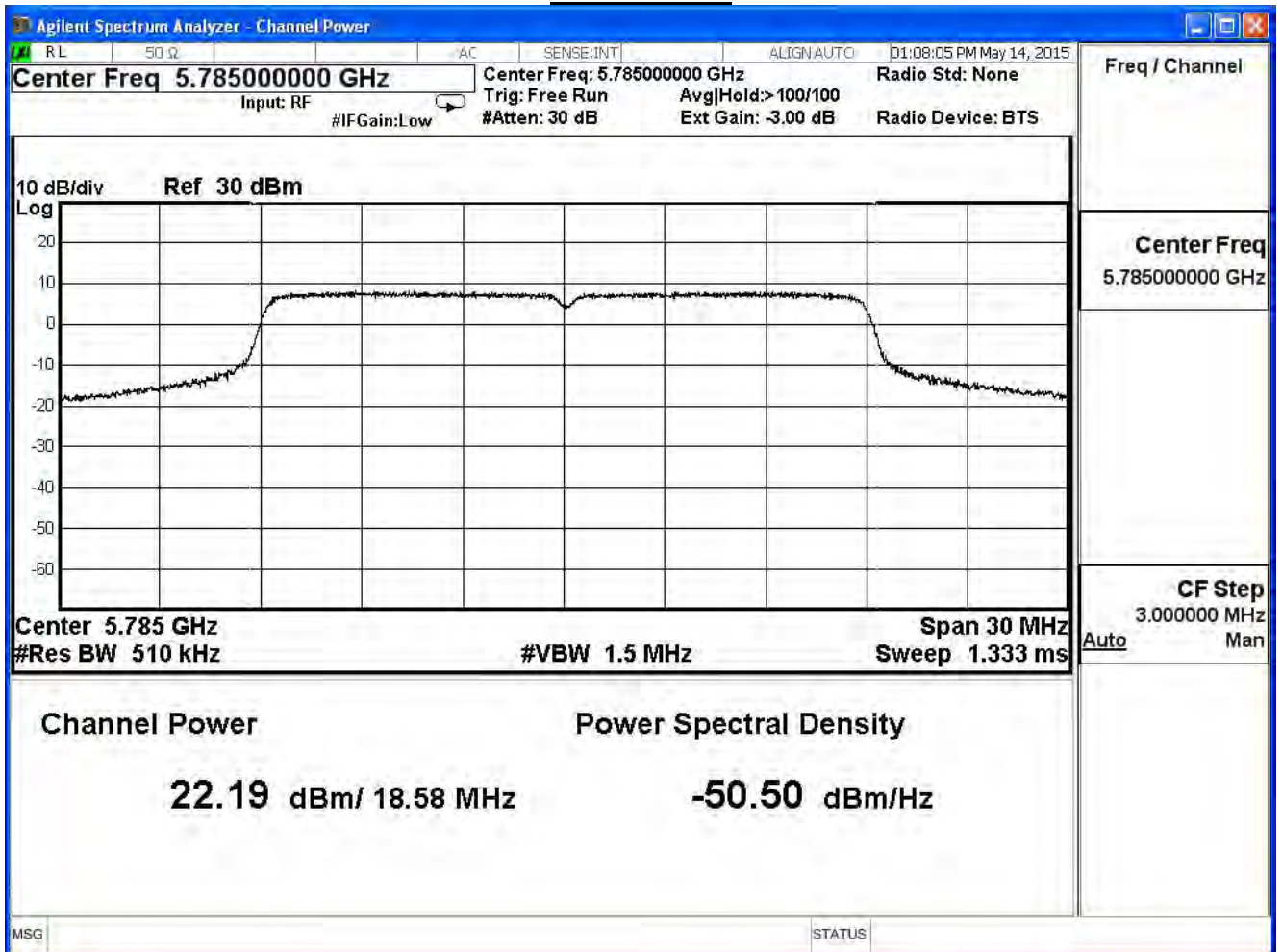
The worst emission of data rate is 6.5Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
149	5745	22.31	--	--	--	--	--	--	--	30dBm
157	5785	22.19	21.99	21.89	21.77	21.57	21.33	21.21	20.97	30dBm
165	5825	21.87	--	--	--	--	--	--	--	30dBm

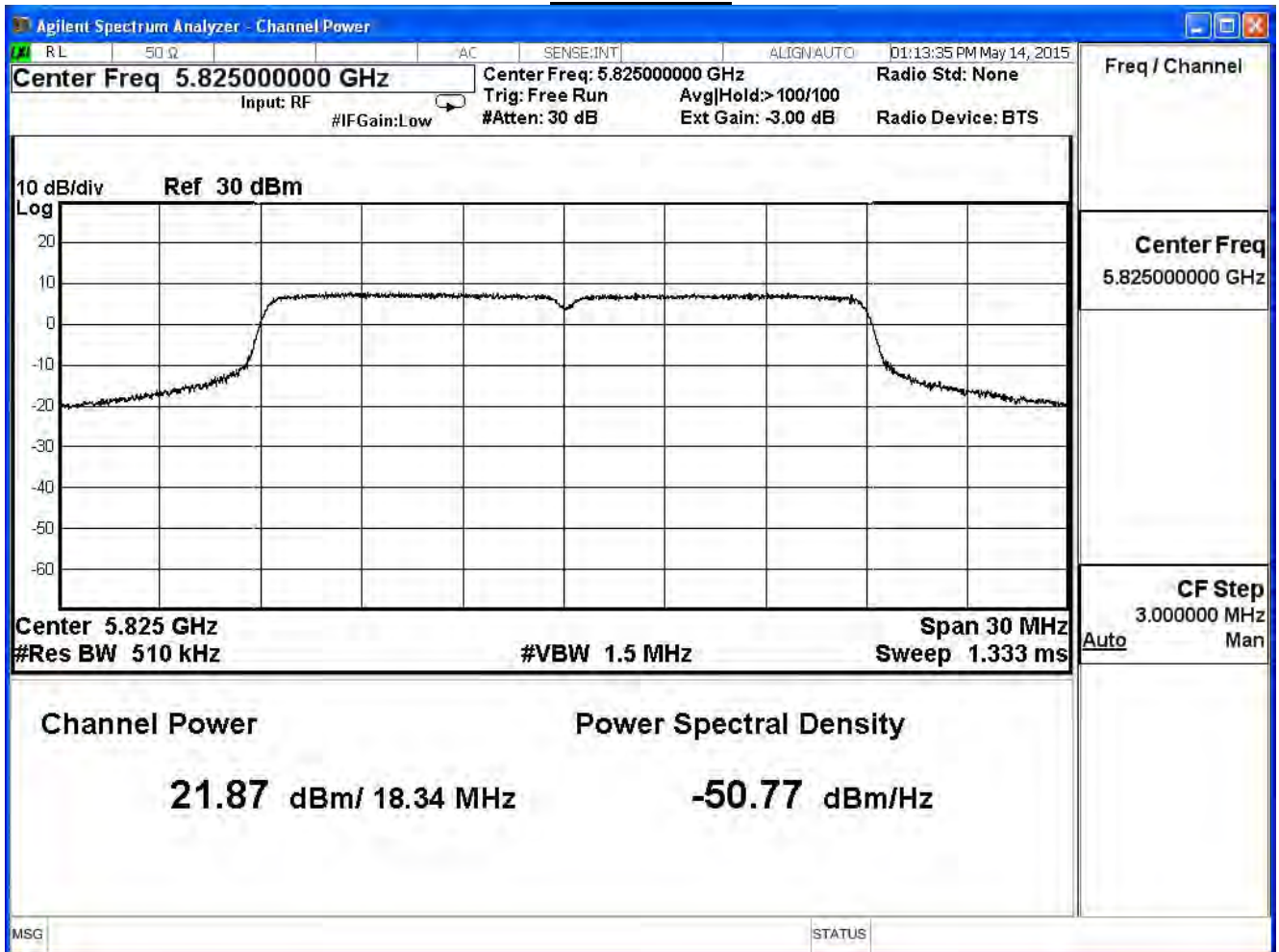
Channel 149



Channel 157



Channel 165



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	27.36	≤ 30	Pass
157	5785	27.60	≤ 30	Pass
165	5825	27.19	≤ 30	Pass

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	27.36	--	--	--	--	--	--	--	30dBm
157	5785	27.60	27.39	27.28	27.11	26.93	26.74	26.56	26.41	30dBm
165	5825	27.19	--	--	--	--	--	--	--	30dBm

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

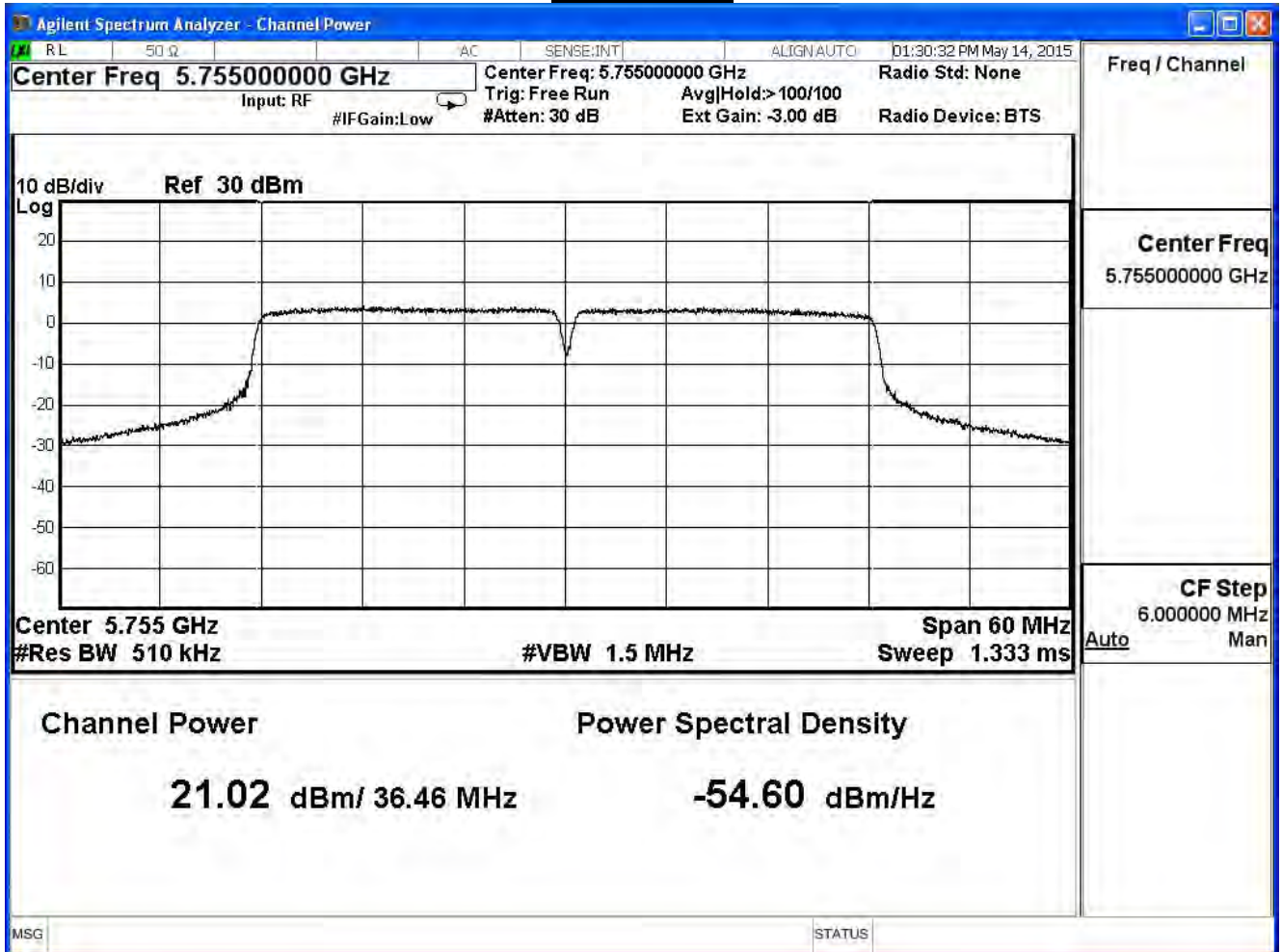
IEEE802.11n 40MHz(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.02	≤ 30	Pass
159	5795	22.37	≤ 30	Pass

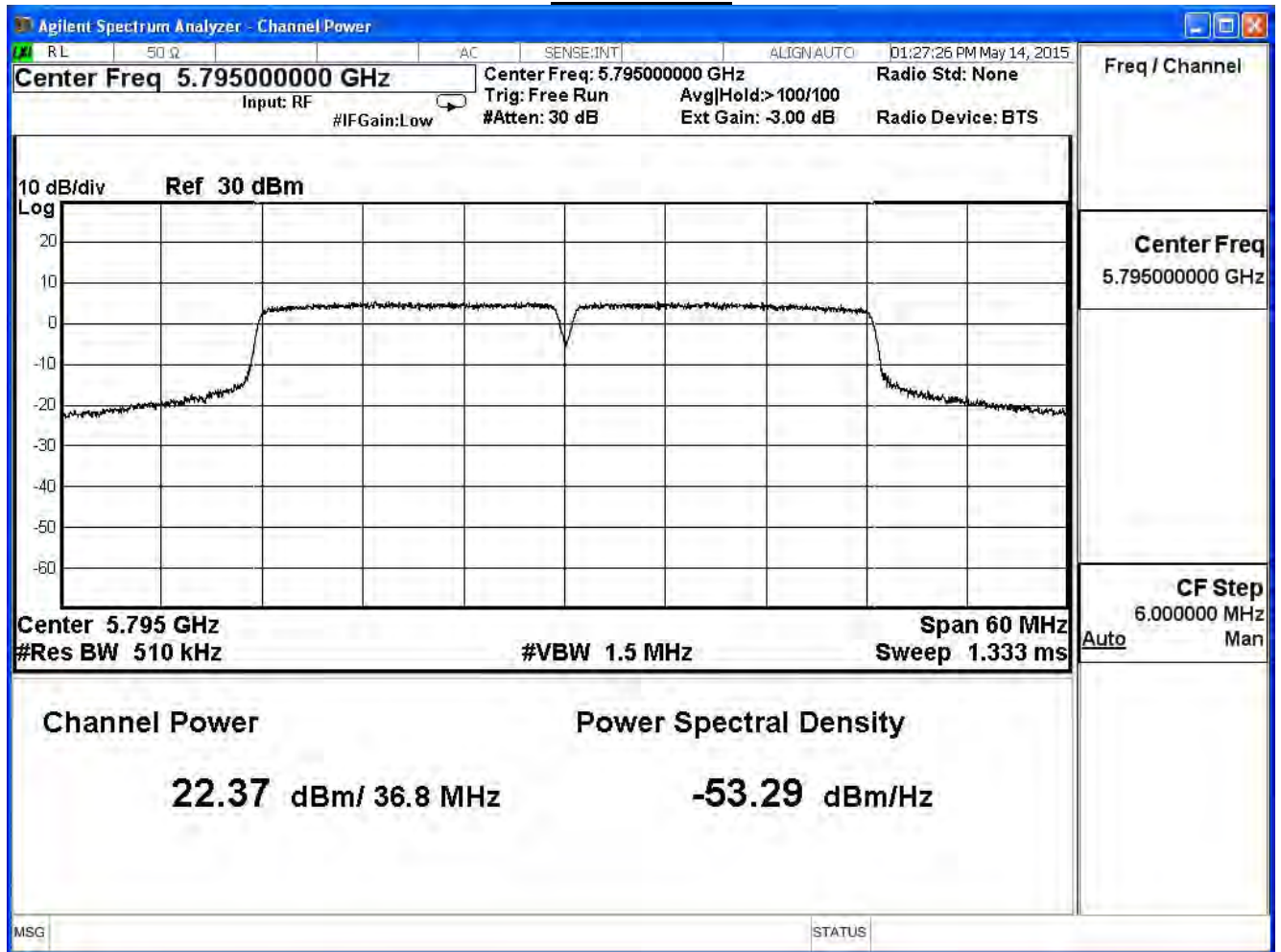
The worst emission of data rate is 13.5 Mbps.

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	21.02	--	--	--	--	--	--	--	30dBm
159	5795	22.37	22.17	21.97	21.77	21.57	21.33	21.09	20.85	30dBm

Channel 151



Channel 159



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

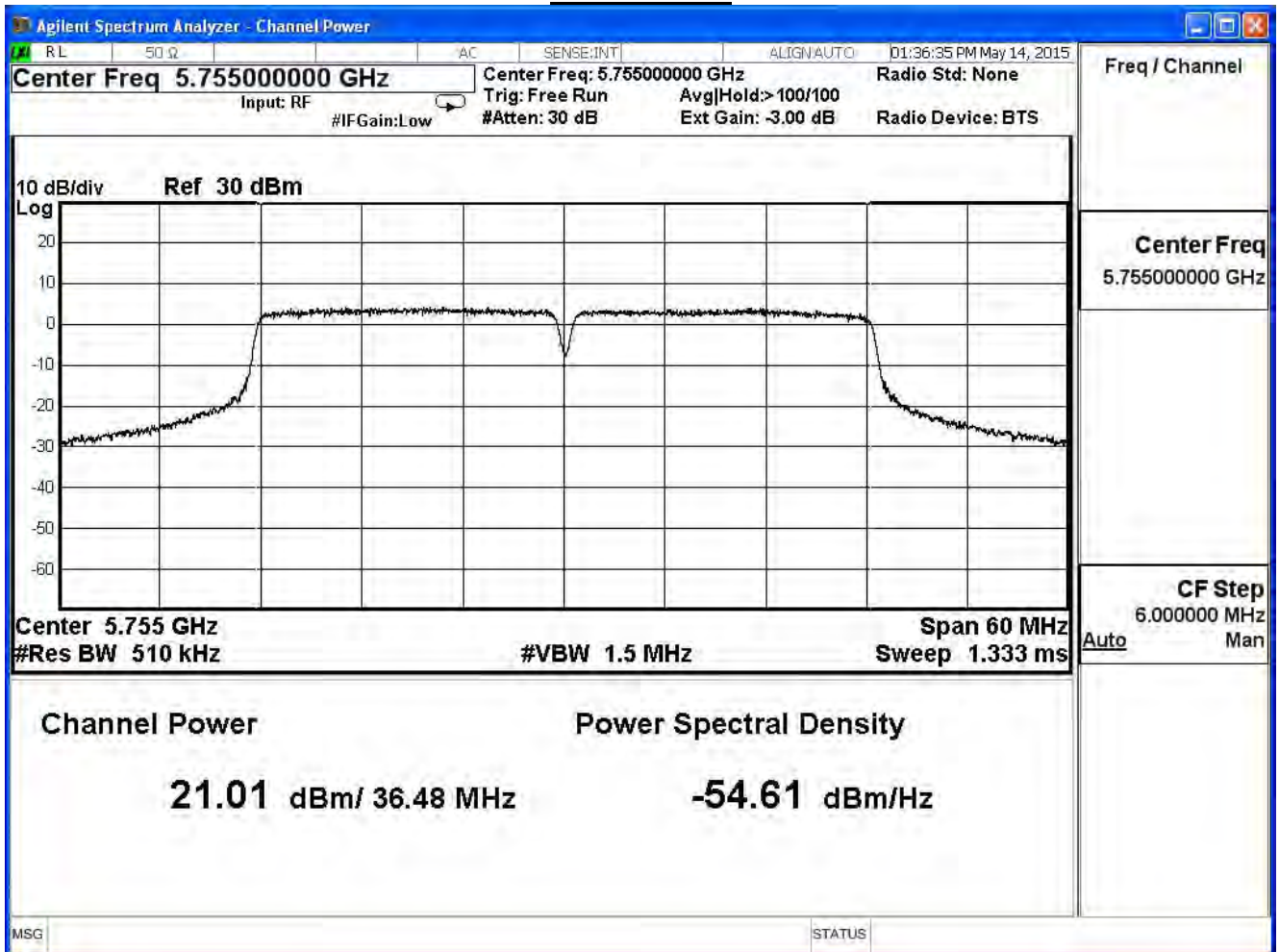
IEEE802.11n 40MHz(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.01	≤ 30	Pass
159	5795	22.42	≤ 30	Pass

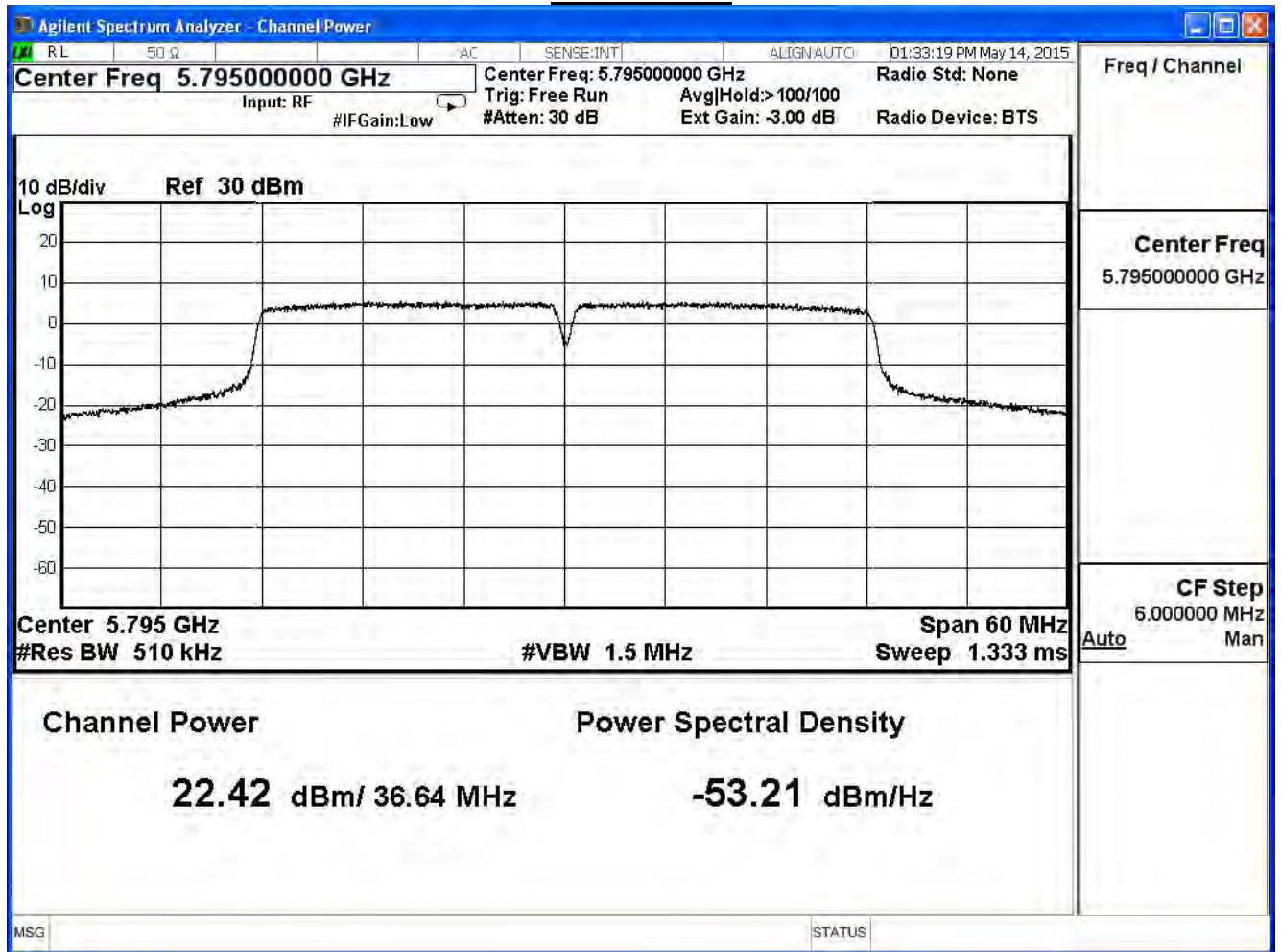
The worst emission of data rate is 13.5 Mbps.

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	21.01	--	--	--	--	--	--	--	30dBm
159	5795	22.42	22.32	22.12	21.92	21.72	21.48	21.24	21.00	30dBm

Channel 151



Channel 159



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

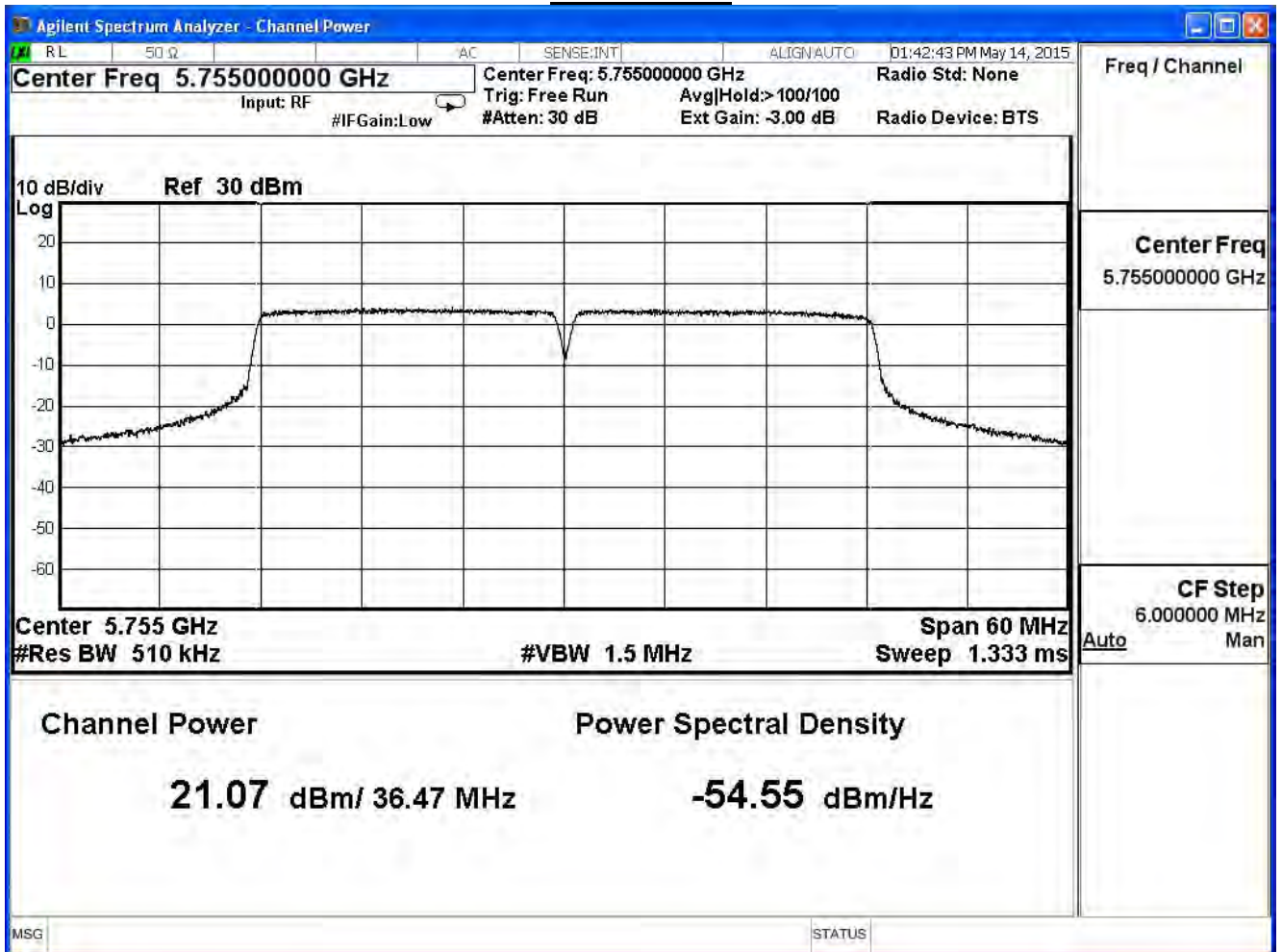
IEEE802.11n 40MHz(ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	21.07	≤ 30	Pass
159	5795	22.45	≤ 30	Pass

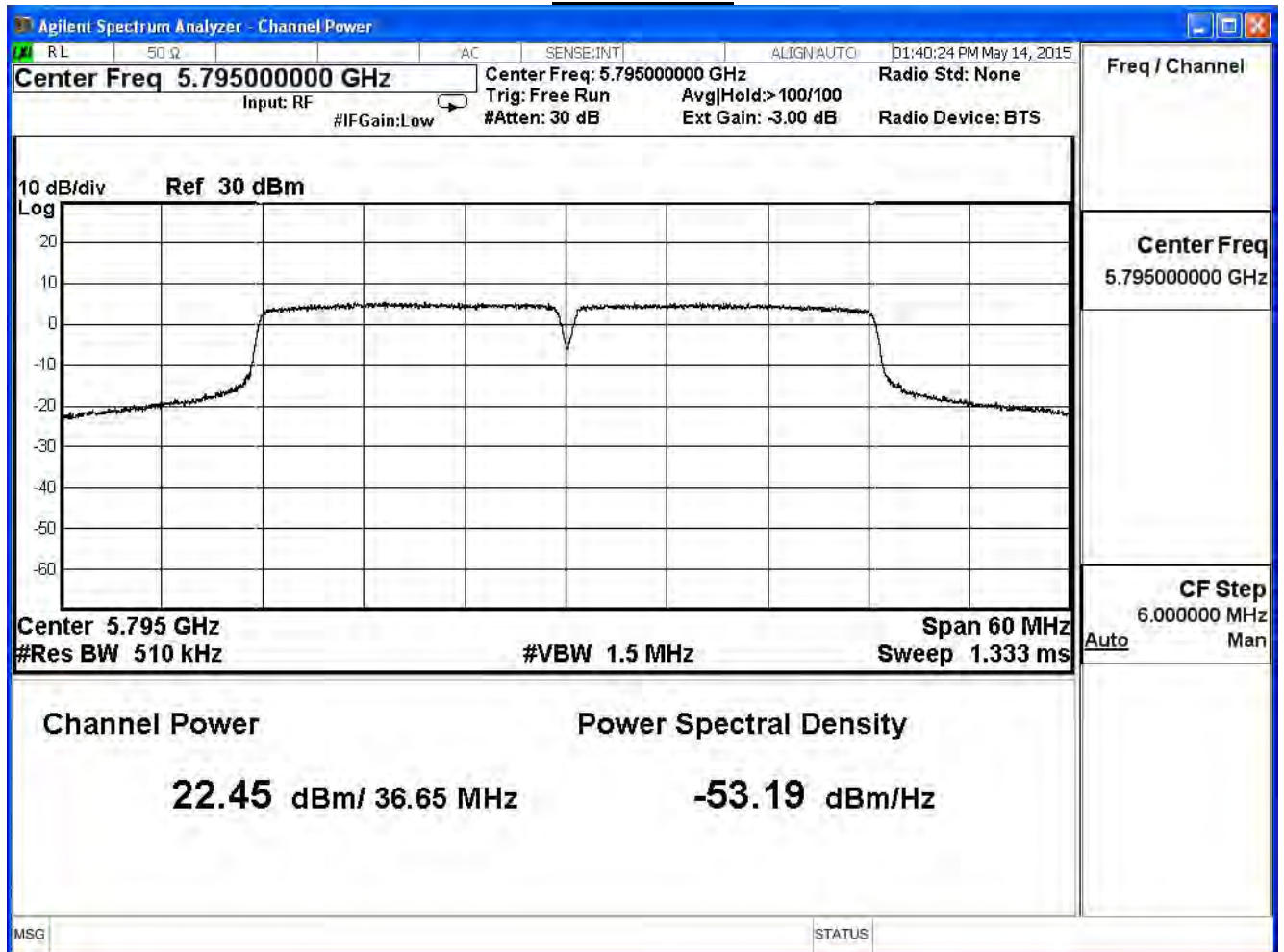
The worst emission of data rate is 13.5 Mbps.

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	21.07	--	--	--	--	--	--	--	30dBm
159	5795	22.45	22.35	22.15	21.95	21.75	21.51	21.39	21.15	30dBm

Channel 151



Channel 159



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	25.80	≤ 30	Pass
159	5795	27.18	≤ 30	Pass

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	25.80	--	--	--	--	--	--	--	30dBm
159	5795	27.18	27.05	26.85	26.65	26.45	26.21	26.01	25.77	30dBm

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

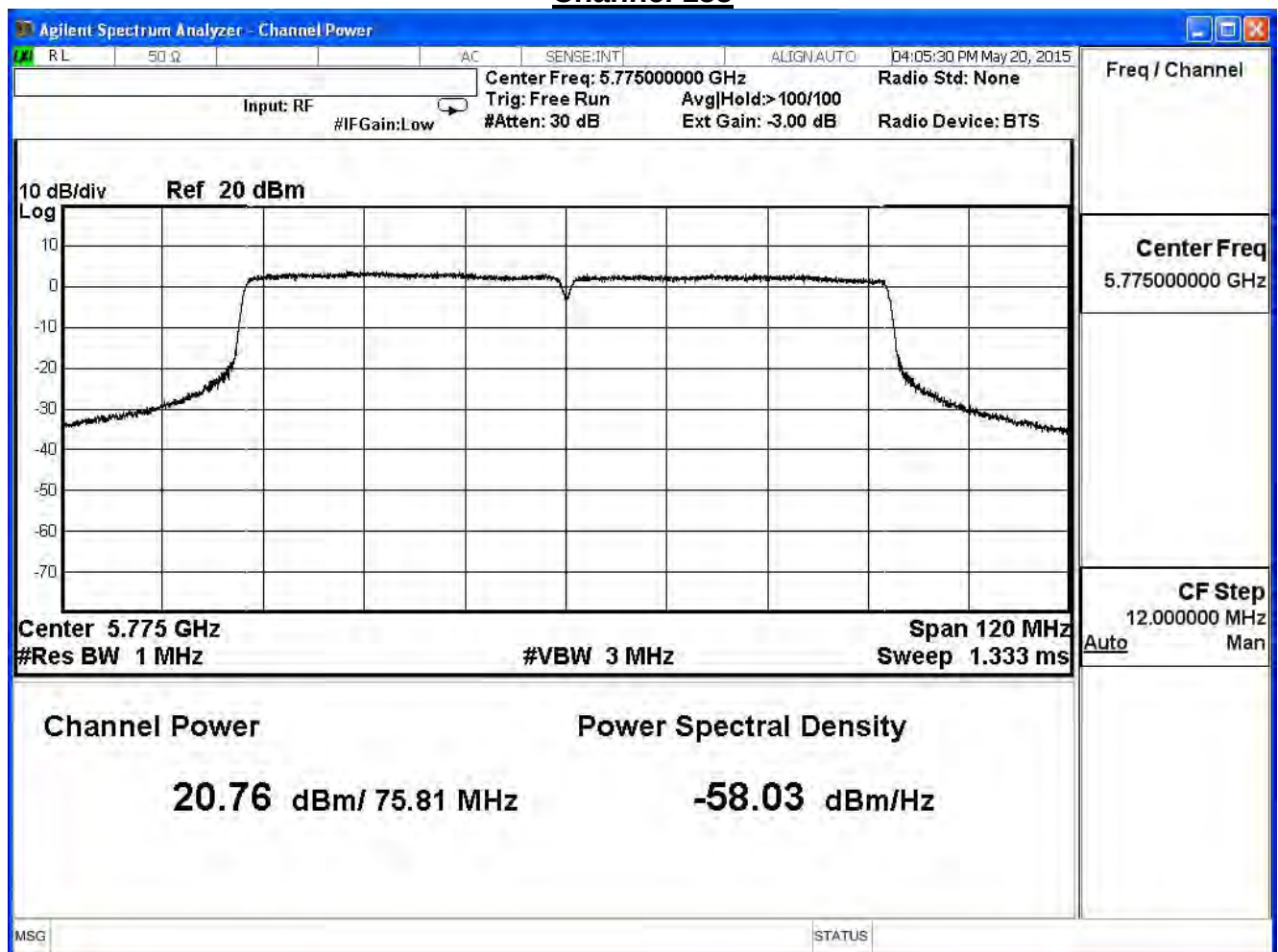
IEEE 802.11ac 80MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	20.76	≤ 30	Pass

The worst emission of data rate is 29.3 Mbps.

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
155	5775	20.76	20.66	20.46	20.36	20.16	20.06	19.82	19.70	19.58	19.46

Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

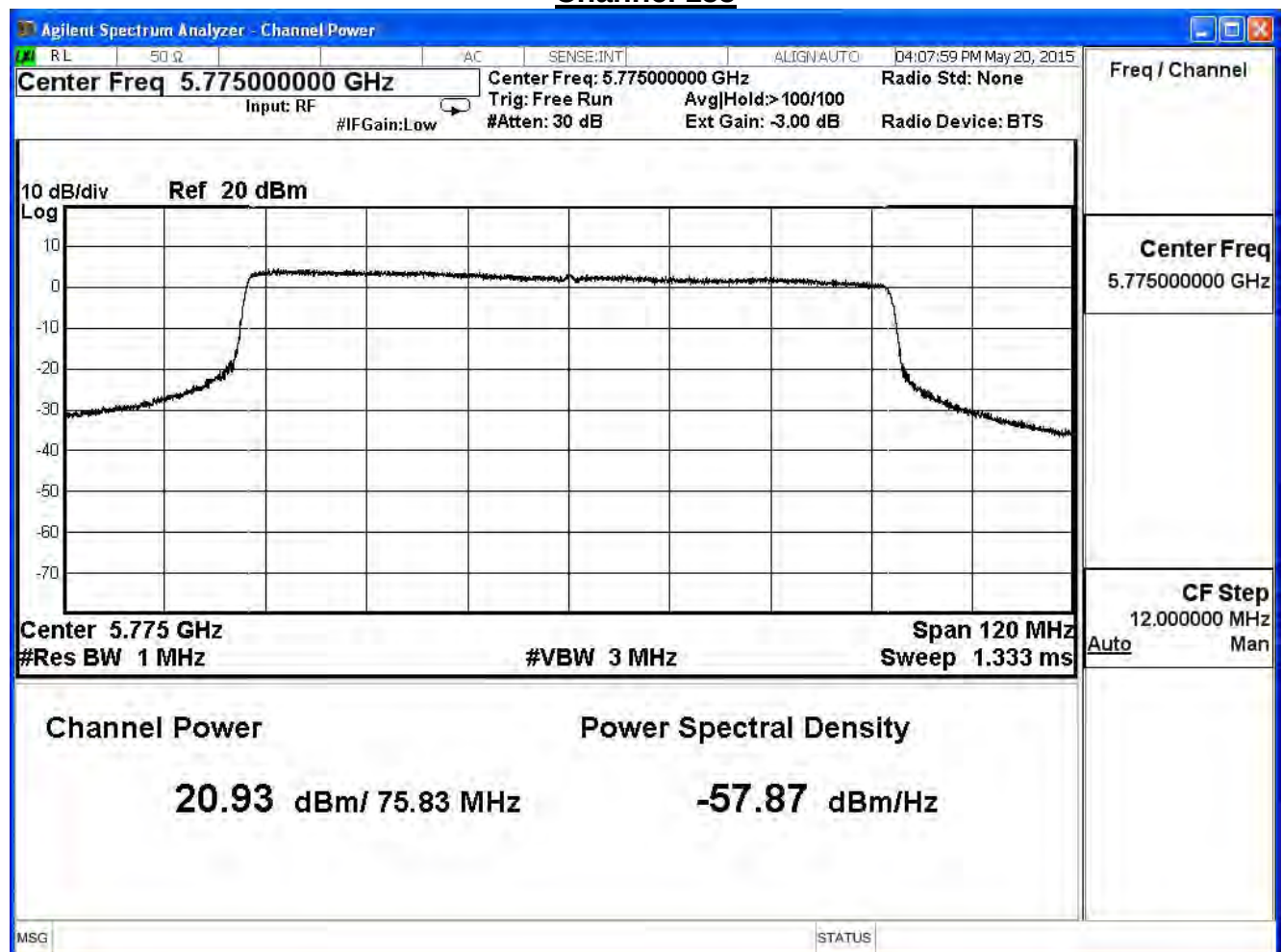
IEEE 802.11ac 80MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	20.93	≤ 30	Pass

The worst emission of data rate is 29.3 Mbps.

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
155	5775	20.93	20.83	20.63	20.53	20.43	20.23	19.99	19.75	19.63	19.51

Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

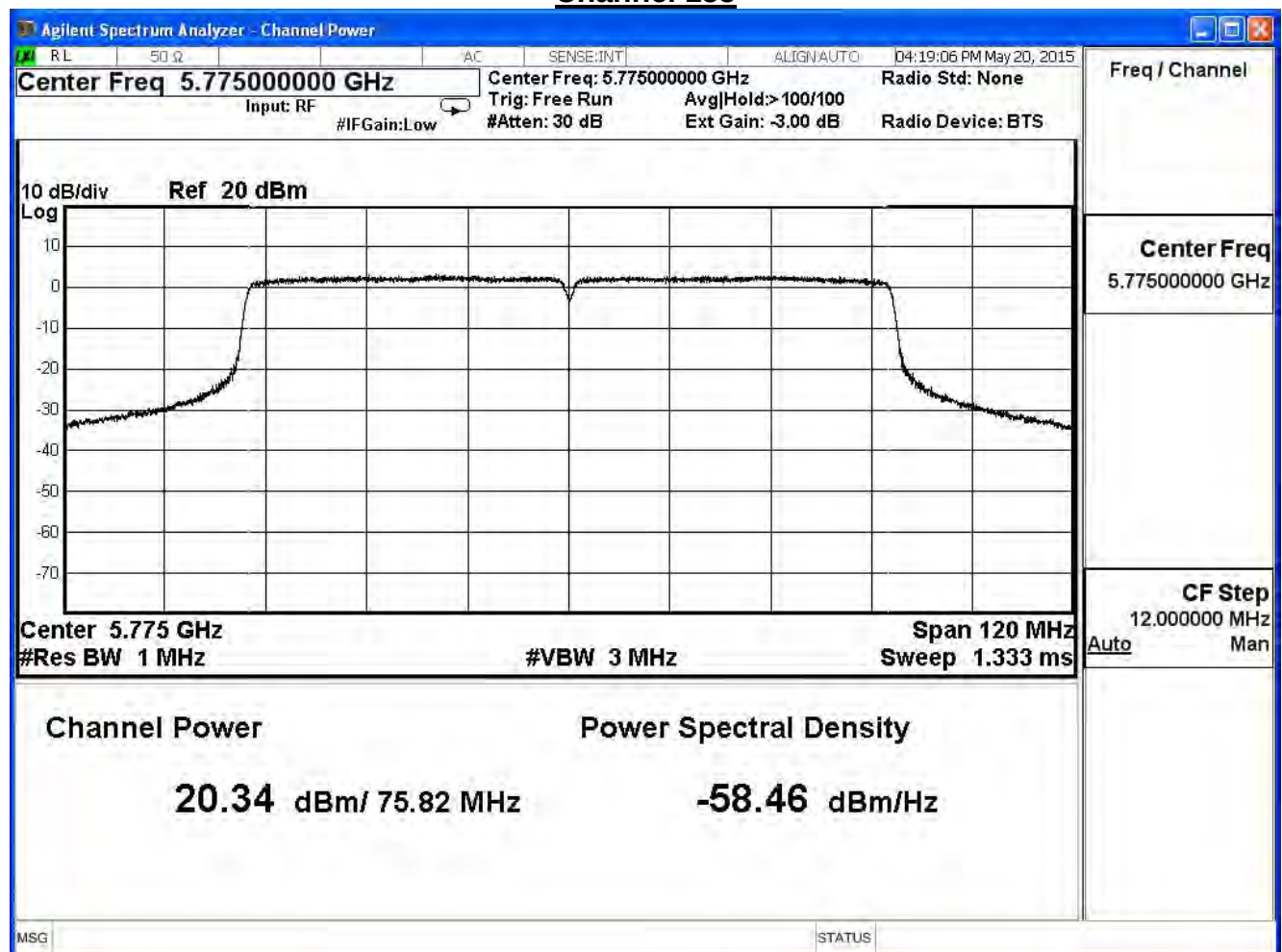
IEEE 802.11ac 80MHz (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	20.34	≤ 30	Pass

The worst emission of data rate is 29.3 Mbps.

Peak Power Output (dBm)											
MCS Index	0	1	2	3	4	5	6	7	8	9	
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
155	5775	20.34	20.24	20.14	20.04	19.94	19.74	19.50	19.26	19.02	18.78

Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	25.45	≤ 30	Pass

Peak Power Output (dBm)											
MCS Index		0	1	2	3	4	5	6	7	8	9
Channel No	Frequency (MHz)	Data Rate									
		29.3	58.5	87.8	117	175.5	234	263.3	292.5	351	390
155	5775	25.45	25.35	25.19	25.09	24.95	24.79	24.55	24.35	24.19	24.03

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

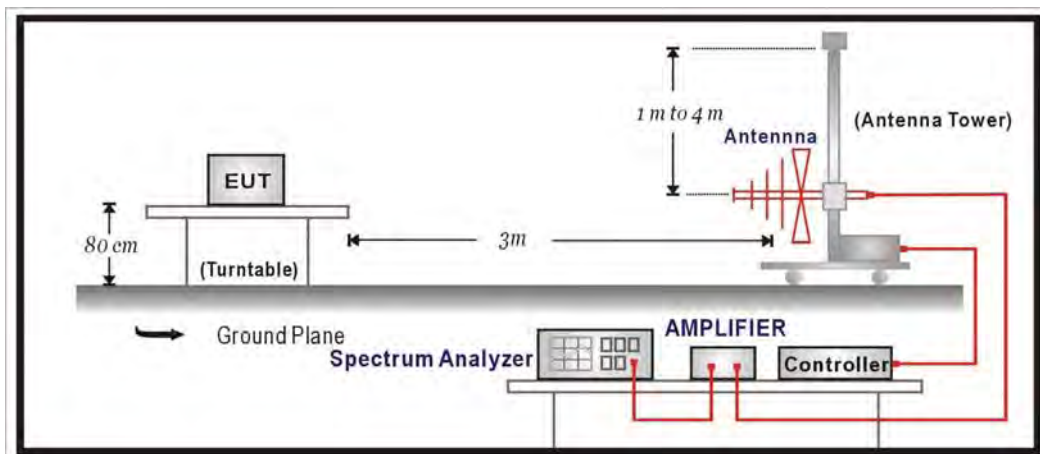
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895(CB1)	2015/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2016/01/26
Pre-Amplifier	EMCI	EMC0031835	980233	2016/01/18
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2016/01/18
Spectrum Analyzer	Agilent	E4440A	MY46187335	2016/01/07
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2016/01/26

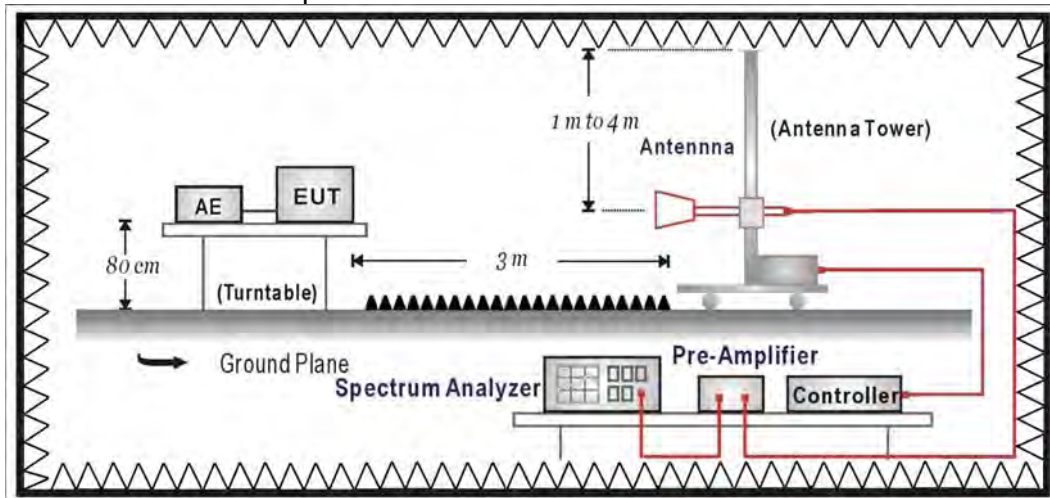
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	dBuV/m	dBuV/m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2009 and tested according to DTS test procedure of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements.

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2009 on radiated measurement.

On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit. The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

4.6. Uncertainty

The measurement uncertainty

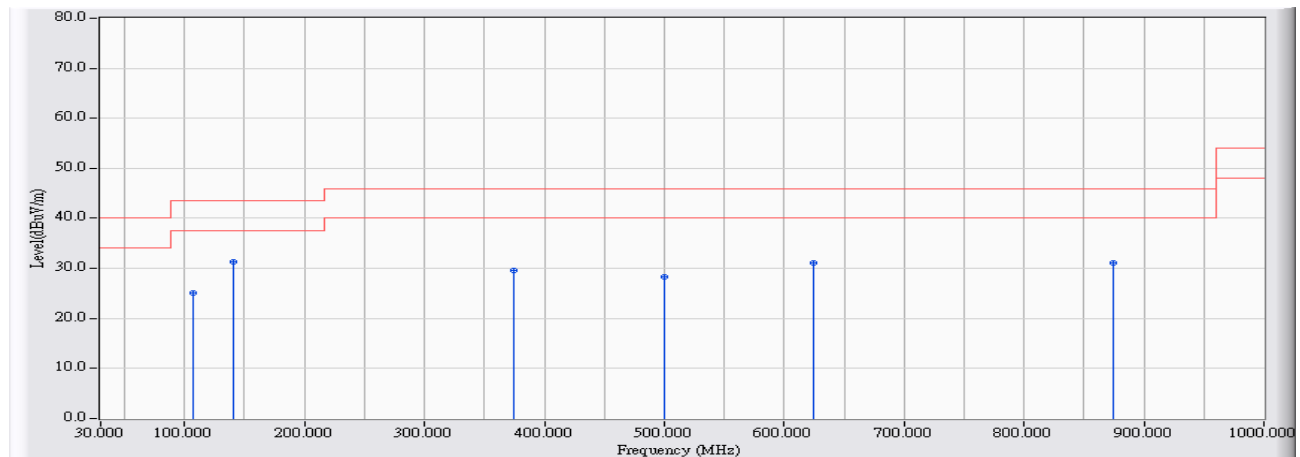
30MHz~1GHz as $\pm 3.43\text{dB}$

1GHz~26.5Ghz as $\pm 3.65\text{dB}$

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	Time : 2015/05/10 - 12:57
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz

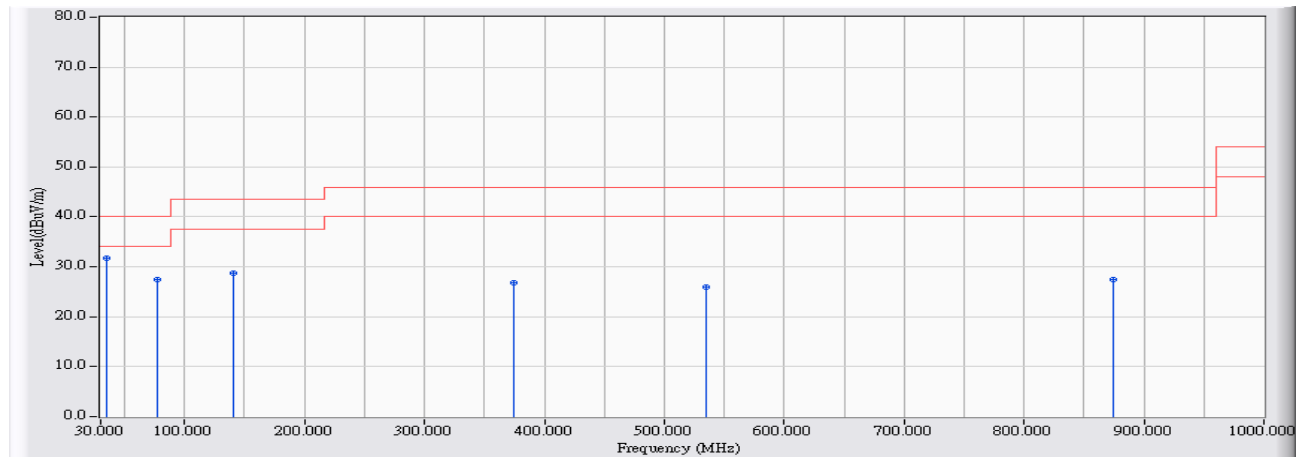


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	106.592	10.165	14.858	25.022	-18.478	43.500	QUASIPeAK
2	* 141.009	10.082	21.171	31.253	-12.247	43.500	QUASIPeAK
3	374.663	14.546	15.074	29.620	-16.380	46.000	QUASIPeAK
4	499.730	17.175	11.239	28.414	-17.586	46.000	QUASIPeAK
5	624.798	17.610	13.518	31.128	-14.872	46.000	QUASIPeAK
6	874.933	19.407	11.774	31.181	-14.819	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 14:51
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz

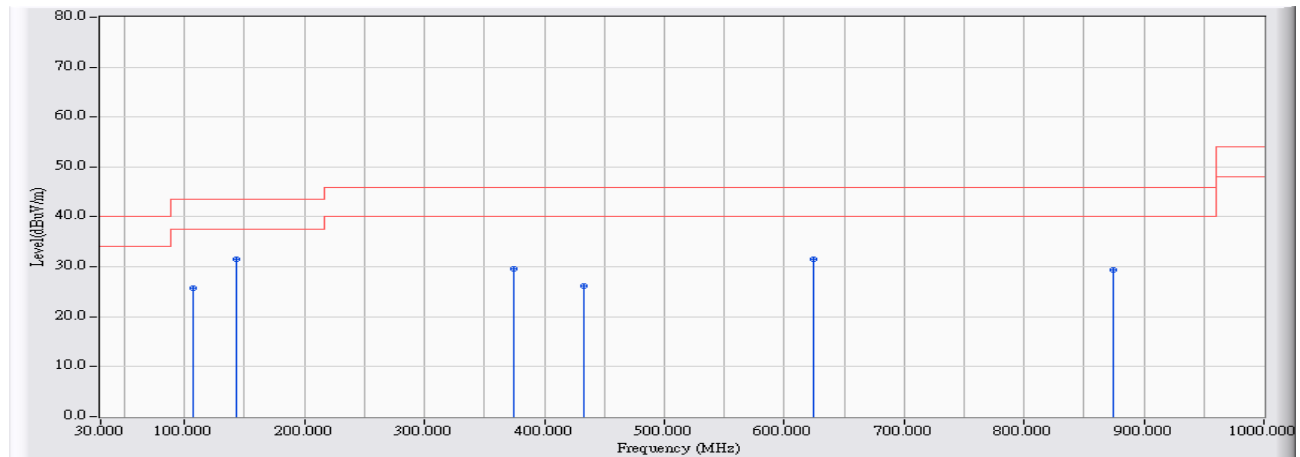


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	18.913	31.654	-8.346	40.000	QUASIPeAK
2		77.021	6.050	21.303	27.352	-12.648	40.000	QUASIPeAK
3		141.009	10.082	18.726	28.808	-14.692	43.500	QUASIPeAK
4		374.663	14.546	12.186	26.732	-19.268	46.000	QUASIPeAK
5		534.633	17.287	8.736	26.023	-19.977	46.000	QUASIPeAK
6		874.933	19.407	8.003	27.410	-18.590	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 12:58
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

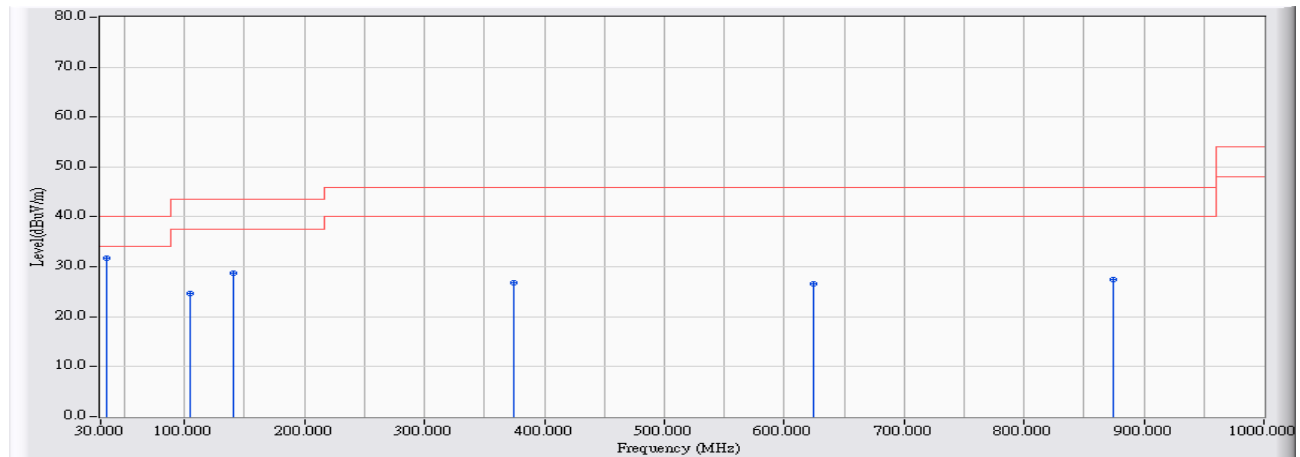


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		106.592	10.165	15.627	25.791	-17.709	43.500	QUASIPeAK
2	*	142.949	9.985	21.591	31.576	-11.924	43.500	QUASIPeAK
3		374.663	14.546	15.111	29.657	-16.343	46.000	QUASIPeAK
4		432.834	15.820	10.309	26.129	-19.871	46.000	QUASIPeAK
5		624.798	17.610	13.979	31.589	-14.411	46.000	QUASIPeAK
6		874.933	19.407	10.066	29.473	-16.527	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 14:53
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

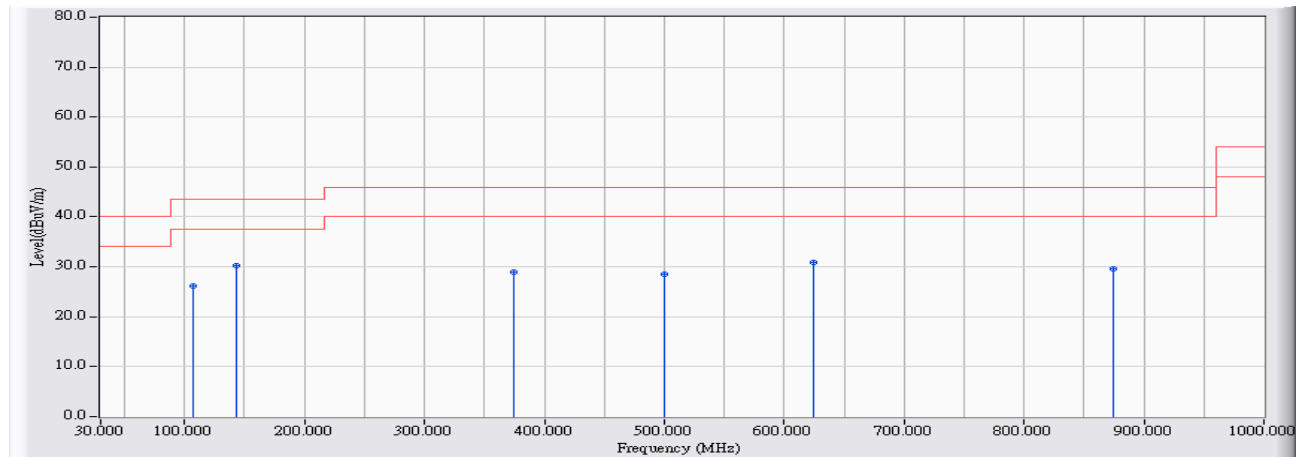


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	19.019	31.760	-8.240	40.000	QUASIPeAK
2		104.653	10.070	14.548	24.618	-18.882	43.500	QUASIPeAK
3		141.009	10.082	18.726	28.808	-14.692	43.500	QUASIPeAK
4		374.663	14.546	12.186	26.732	-19.268	46.000	QUASIPeAK
5		624.798	17.610	9.033	26.643	-19.357	46.000	QUASIPeAK
6		874.933	19.407	8.003	27.410	-18.590	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 12:59
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz

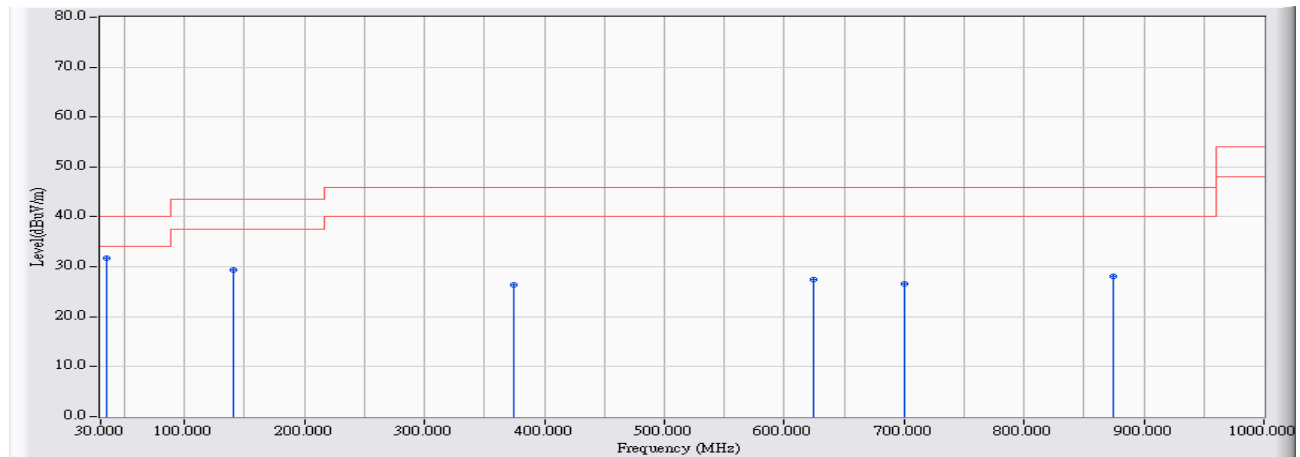


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		106.592	10.165	16.004	26.168	-17.332	43.500	QUASIPeAK
2	*	142.949	9.985	20.290	30.275	-13.225	43.500	QUASIPeAK
3		374.663	14.546	14.477	29.023	-16.977	46.000	QUASIPeAK
4		499.730	17.175	11.270	28.445	-17.555	46.000	QUASIPeAK
5		624.798	17.610	13.263	30.873	-15.127	46.000	QUASIPeAK
6		874.933	19.407	10.267	29.674	-16.326	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 14:55
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz

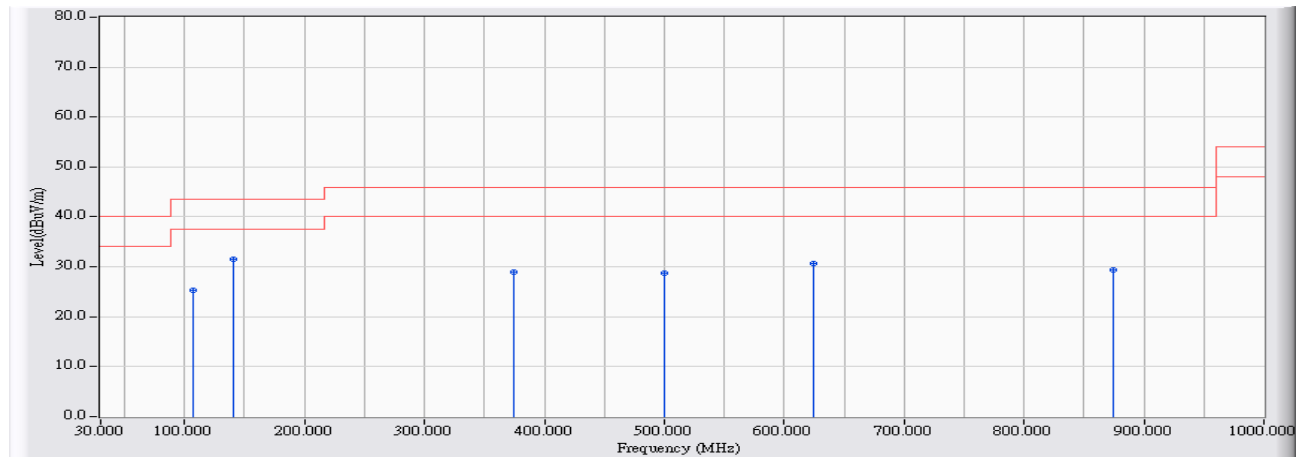


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	18.902	31.643	-8.357	40.000	QUASIPeAK
2		141.009	10.082	19.294	29.376	-14.124	43.500	QUASIPeAK
3		374.663	14.546	11.735	26.281	-19.719	46.000	QUASIPeAK
4		624.798	17.610	9.877	27.487	-18.513	46.000	QUASIPeAK
5		700.420	17.998	8.563	26.561	-19.439	46.000	QUASIPeAK
6		874.933	19.407	8.768	28.175	-17.825	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 13:00
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

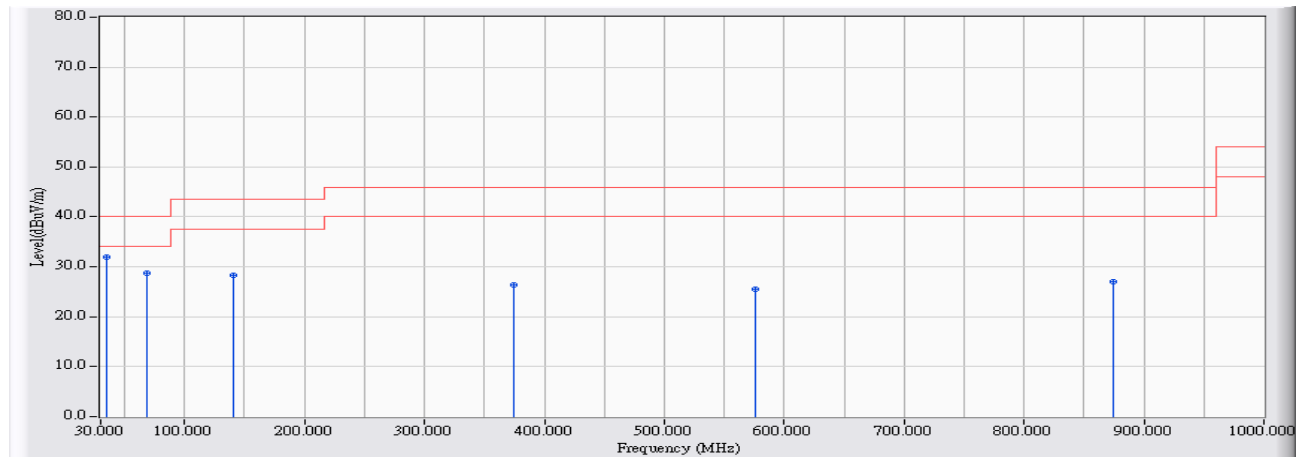


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		106.592	10.165	15.148	25.312	-18.188	43.500	QUASIPeAK
2	*	141.009	10.082	21.388	31.470	-12.030	43.500	QUASIPeAK
3		374.663	14.546	14.331	28.877	-17.123	46.000	QUASIPeAK
4		499.730	17.175	11.529	28.704	-17.296	46.000	QUASIPeAK
5		624.798	17.610	13.057	30.667	-15.333	46.000	QUASIPeAK
6		874.933	19.407	10.026	29.433	-16.567	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 14:56
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

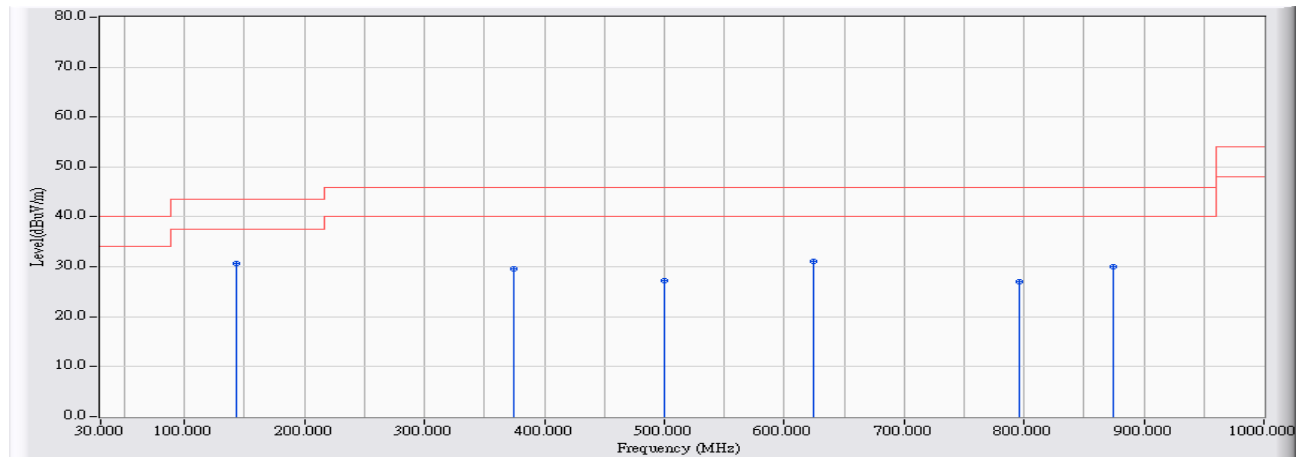


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	19.177	31.918	-8.082	40.000	QUASIPeAK
2		68.781	5.555	23.214	28.769	-11.231	40.000	QUASIPeAK
3		141.009	10.082	18.289	28.371	-15.129	43.500	QUASIPeAK
4		374.663	14.546	11.933	26.479	-19.521	46.000	QUASIPeAK
5		575.837	17.411	8.079	25.490	-20.510	46.000	QUASIPeAK
6		874.933	19.407	7.625	27.032	-18.968	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 12:31
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz

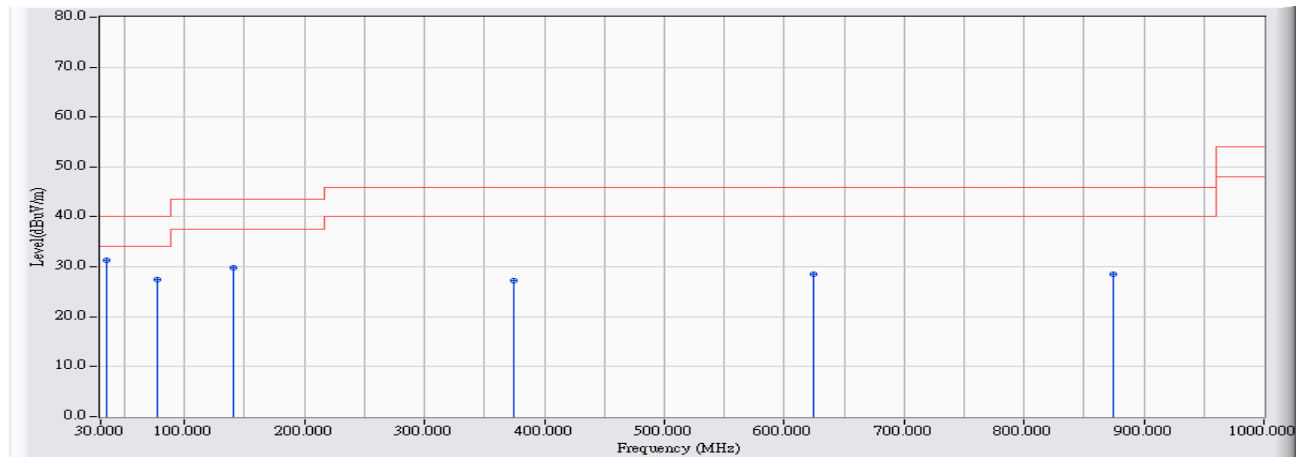


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	142.949	9.985	20.654	30.639	-12.861	43.500	QUASIPeAK
2		374.663	14.546	14.960	29.506	-16.494	46.000	QUASIPeAK
3		499.730	17.175	9.998	27.173	-18.827	46.000	QUASIPeAK
4		624.798	17.610	13.528	31.138	-14.862	46.000	QUASIPeAK
5		796.402	19.170	7.859	27.029	-18.971	46.000	QUASIPeAK
6		874.933	19.407	10.604	30.011	-15.989	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 13:54
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz

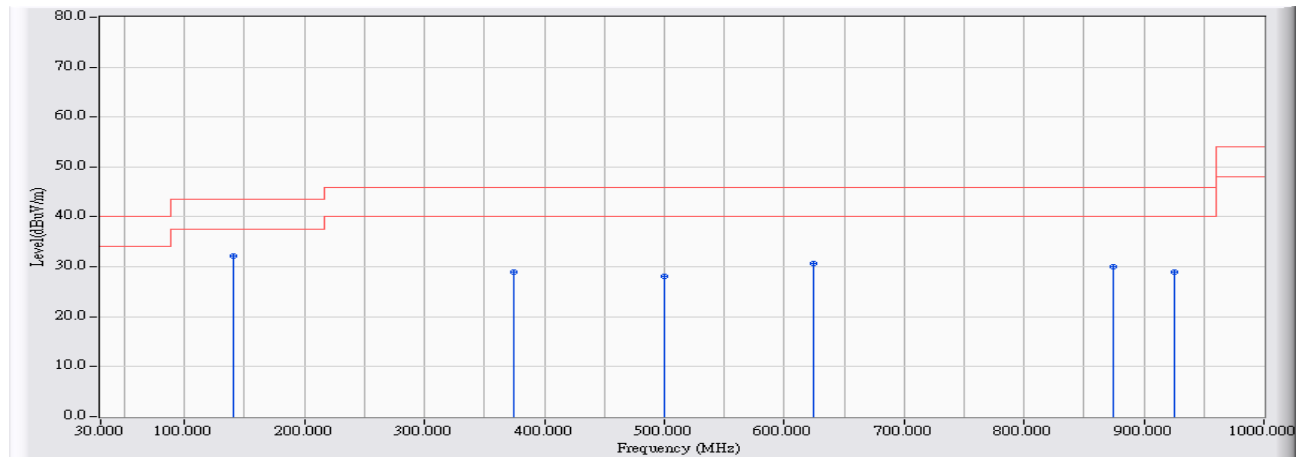


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	18.644	31.385	-8.615	40.000	QUASIPeAK
2		77.021	6.050	21.402	27.451	-12.549	40.000	QUASIPeAK
3		141.009	10.082	19.705	29.787	-13.713	43.500	QUASIPeAK
4		374.663	14.546	12.671	27.217	-18.783	46.000	QUASIPeAK
5		624.798	17.610	10.984	28.594	-17.406	46.000	QUASIPeAK
6		874.933	19.407	9.106	28.513	-17.487	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 12:33
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5785MHz

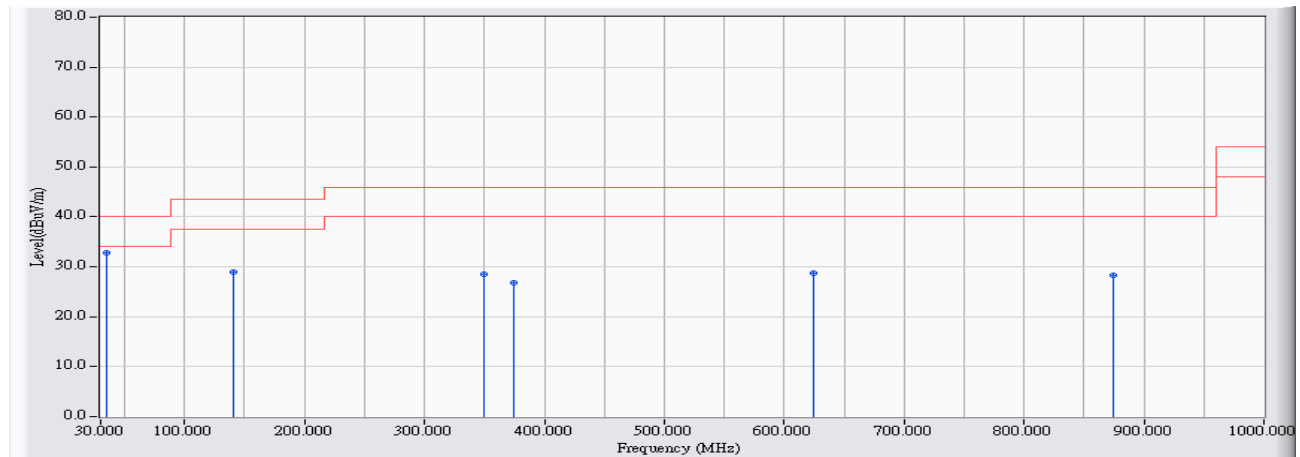


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	141.009	10.082	22.117	32.199	-11.301	43.500	QUASIPeAK
2		374.663	14.546	14.304	28.850	-17.150	46.000	QUASIPeAK
3		499.730	17.175	10.964	28.139	-17.861	46.000	QUASIPeAK
4		624.798	17.610	13.014	30.624	-15.376	46.000	QUASIPeAK
5		874.933	19.407	10.633	30.040	-15.960	46.000	QUASIPeAK
6		924.863	19.675	9.339	29.014	-16.986	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 13:55
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5785MHz

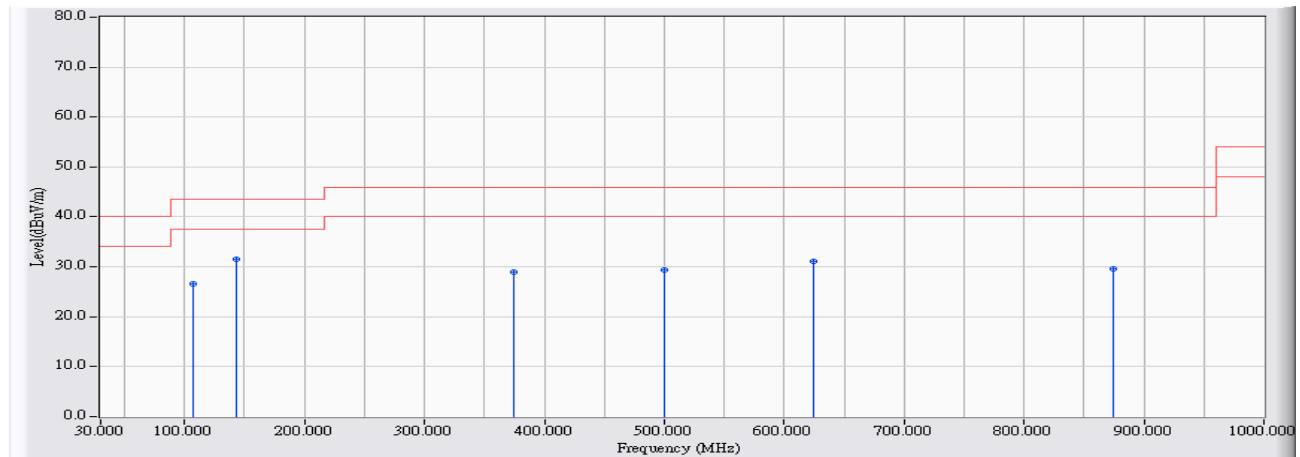


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	19.967	32.708	-7.292	40.000	QUASIPeAK
2		141.009	10.082	18.940	29.022	-14.478	43.500	QUASIPeAK
3		349.940	13.952	14.507	28.459	-17.541	46.000	QUASIPeAK
4		374.663	14.546	12.272	26.818	-19.182	46.000	QUASIPeAK
5		624.798	17.610	11.117	28.727	-17.273	46.000	QUASIPeAK
6		874.933	19.407	8.813	28.220	-17.780	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 12:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5795MHz

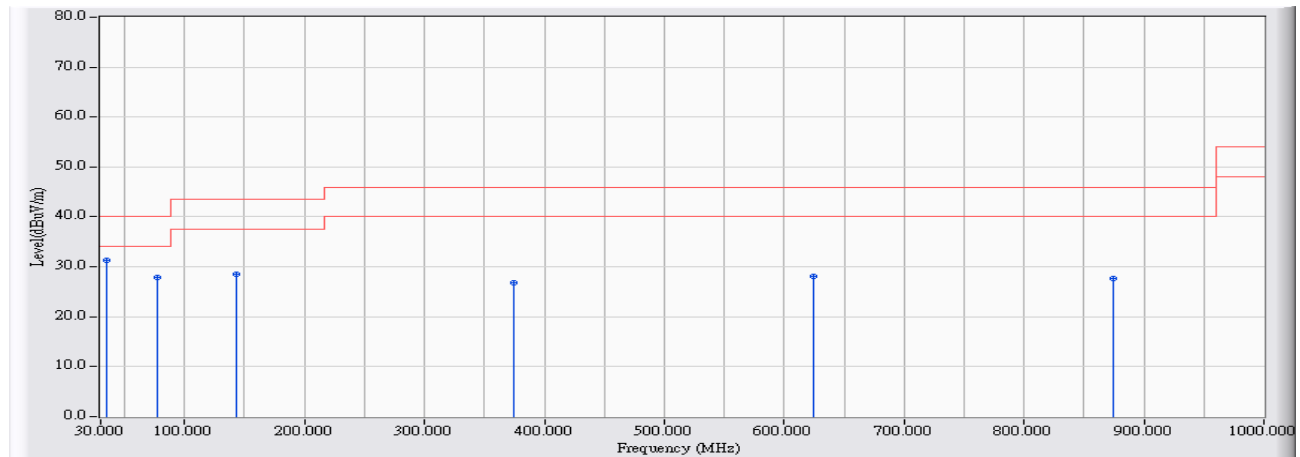


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	106.592	10.165	16.398	26.562	-16.938	43.500	QUASIPeAK
2	* 142.949	9.985	21.465	31.450	-12.050	43.500	QUASIPeAK
3	374.663	14.546	14.502	29.048	-16.952	46.000	QUASIPeAK
4	499.730	17.175	12.259	29.434	-16.566	46.000	QUASIPeAK
5	624.798	17.610	13.576	31.186	-14.814	46.000	QUASIPeAK
6	874.933	19.407	10.212	29.619	-16.381	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 13:56
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5795MHz

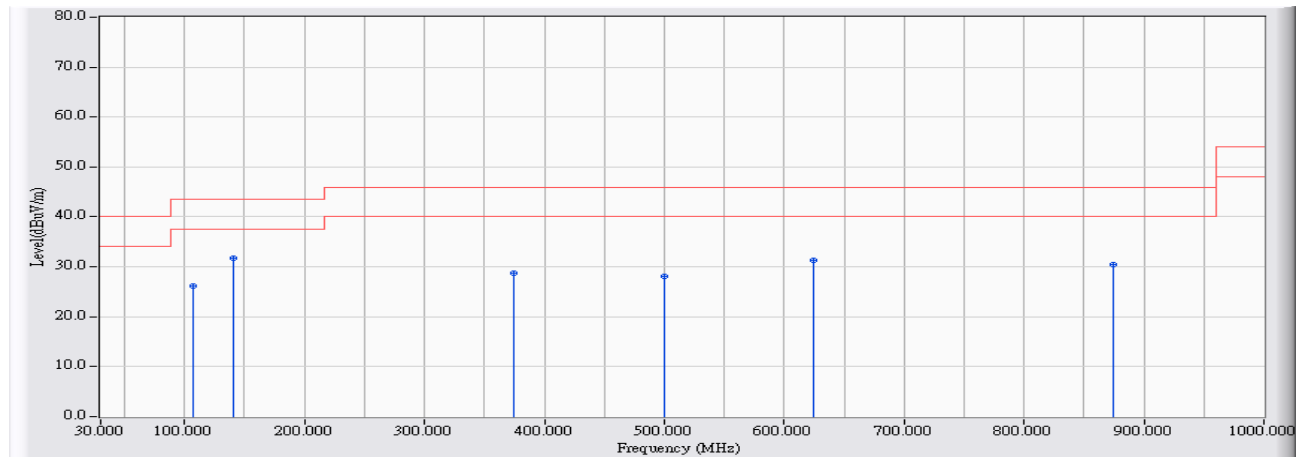


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	18.576	31.317	-8.683	40.000	QUASIPeAK
2		77.021	6.050	21.734	27.783	-12.217	40.000	QUASIPeAK
3		142.949	9.985	18.541	28.526	-14.974	43.500	QUASIPeAK
4		374.663	14.546	12.349	26.895	-19.105	46.000	QUASIPeAK
5		624.798	17.610	10.503	28.113	-17.887	46.000	QUASIPeAK
6		874.933	19.407	8.299	27.706	-18.294	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 12:36
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

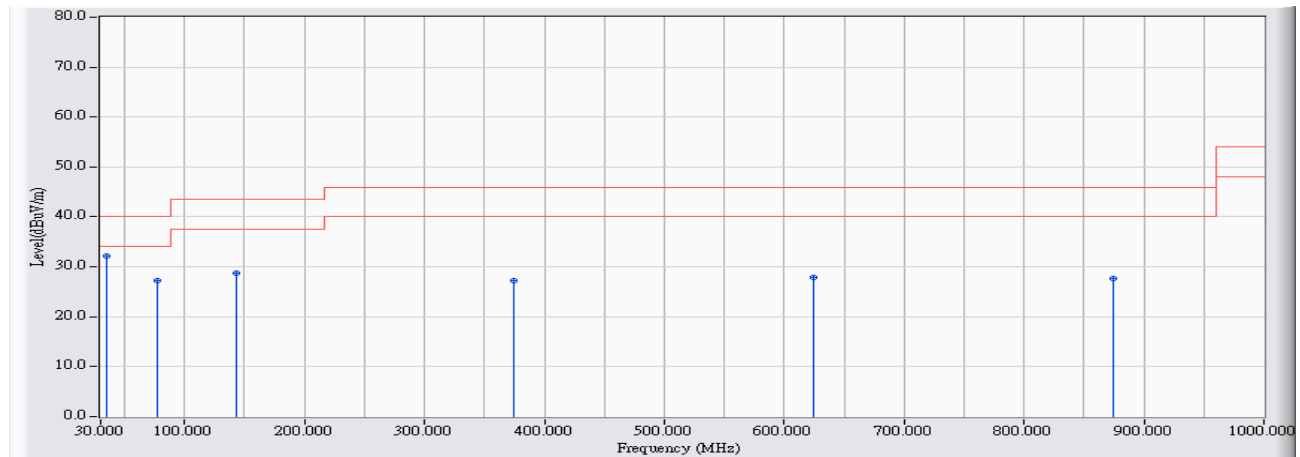


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		106.592	10.165	15.932	26.096	-17.404	43.500	QUASIPeAK
2	*	141.009	10.082	21.560	31.642	-11.858	43.500	QUASIPeAK
3		374.663	14.546	14.169	28.715	-17.285	46.000	QUASIPeAK
4		499.730	17.175	10.945	28.120	-17.880	46.000	QUASIPeAK
5		624.798	17.610	13.663	31.273	-14.727	46.000	QUASIPeAK
6		874.933	19.407	11.107	30.514	-15.486	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 13:57
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

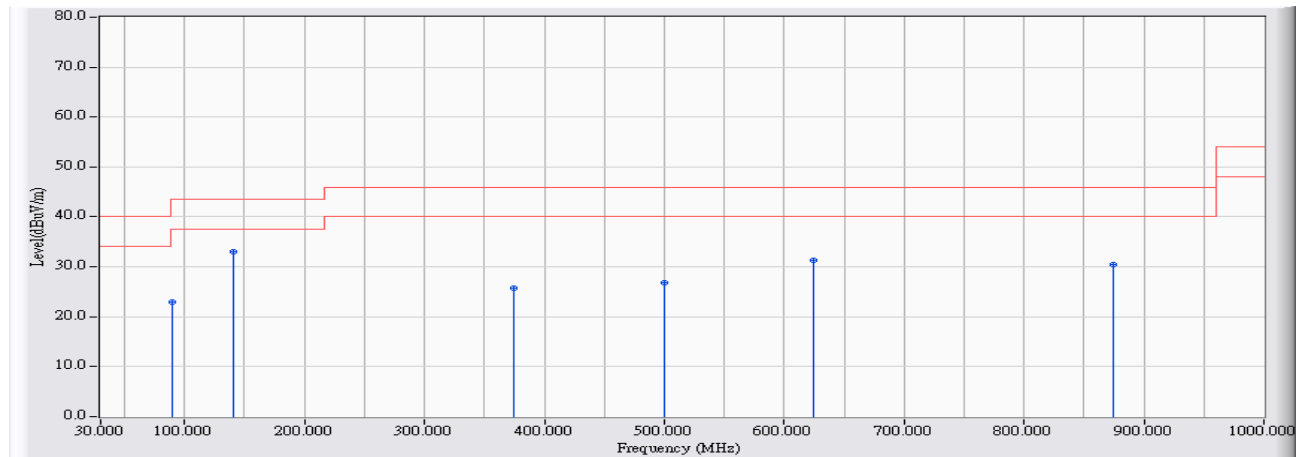


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	19.349	32.090	-7.910	40.000	QUASIPeAK
2		77.021	6.050	21.090	27.139	-12.861	40.000	QUASIPeAK
3		142.949	9.985	18.720	28.705	-14.795	43.500	QUASIPeAK
4		374.663	14.546	12.681	27.227	-18.773	46.000	QUASIPeAK
5		624.798	17.610	10.323	27.933	-18.067	46.000	QUASIPeAK
6		874.933	19.407	8.278	27.685	-18.315	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/10 - 11:20
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11a_5785MHz

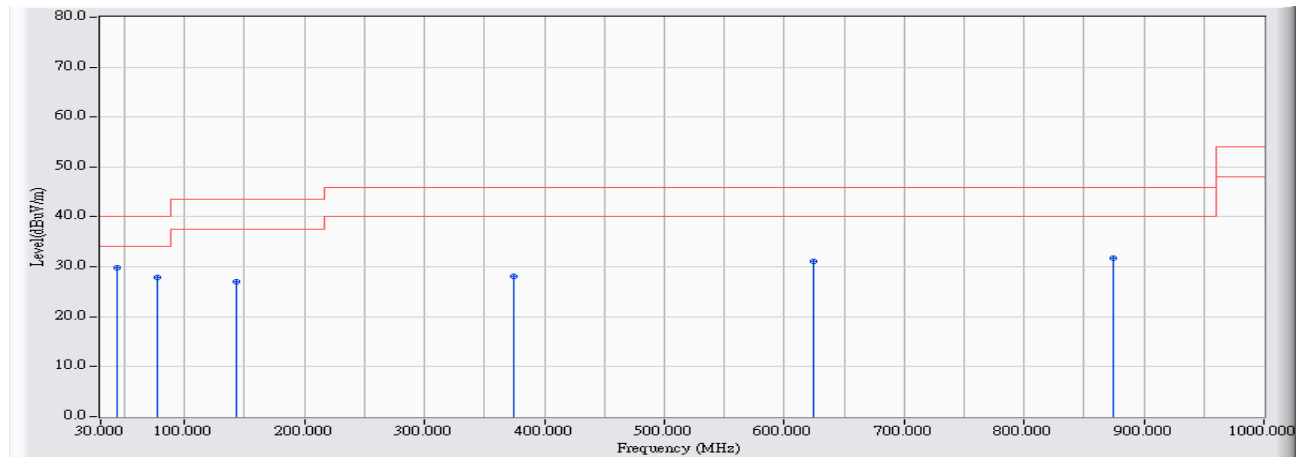


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	90.110	7.527	15.369	22.896	-20.604	43.500	PEAK
2	* 141.009	10.082	22.874	32.956	-10.544	43.500	PEAK
3	374.663	14.546	11.104	25.650	-20.350	46.000	PEAK
4	499.730	17.175	9.684	26.859	-19.141	46.000	PEAK
5	624.798	17.610	13.747	31.357	-14.643	46.000	PEAK
6	874.933	19.407	11.141	30.548	-15.452	46.000	PEAK

Note:

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

Site : CB1	Time : 2015/05/10 - 10:47
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11a_ 5785MHz

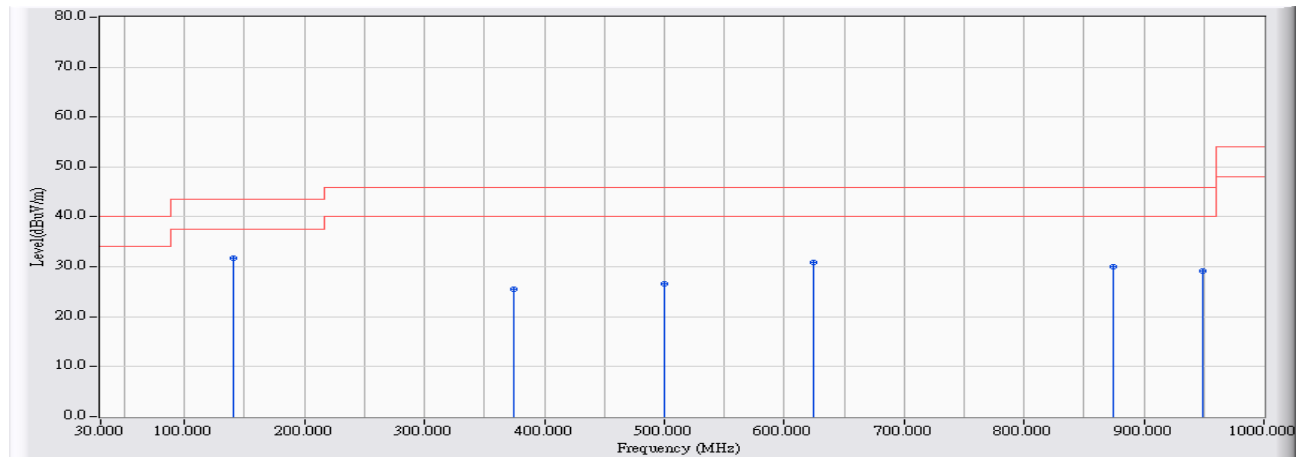


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	43.573	8.588	21.238	29.826	-10.174	40.000	PEAK
2		77.021	6.050	21.908	27.957	-12.043	40.000	PEAK
3		142.949	9.985	17.095	27.080	-16.420	43.500	PEAK
4		374.663	14.546	13.523	28.069	-17.931	46.000	PEAK
5		624.798	17.610	13.398	31.008	-14.992	46.000	PEAK
6		874.933	19.407	12.296	31.703	-14.297	46.000	PEAK

Note:

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

Site : CB1	Time : 2015/05/10 - 11:22
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11n(20MHz)_5785MHz

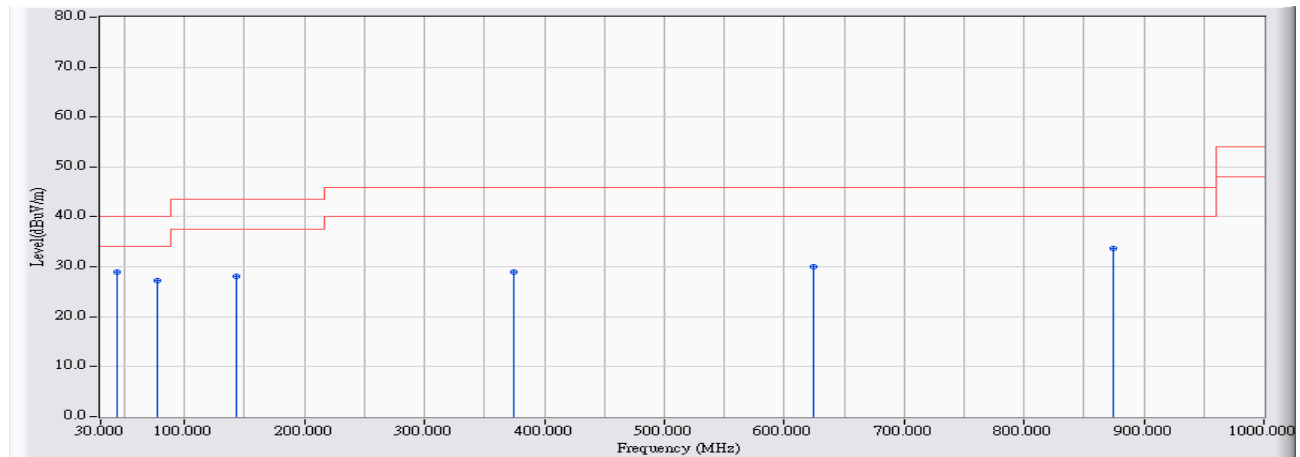


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	141.009	10.082	21.684	31.766	-11.734	43.500	PEAK
2		374.663	14.546	11.026	25.572	-20.428	46.000	PEAK
3		499.730	17.175	9.421	26.596	-19.404	46.000	PEAK
4		624.798	17.610	13.299	30.909	-15.091	46.000	PEAK
5		874.933	19.407	10.558	29.965	-16.035	46.000	PEAK
6		949.585	19.877	9.297	29.174	-16.826	46.000	PEAK

Note:

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

Site : CB1	Time : 2015/05/10 - 10:50
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11n(20MHz)_5785MHz

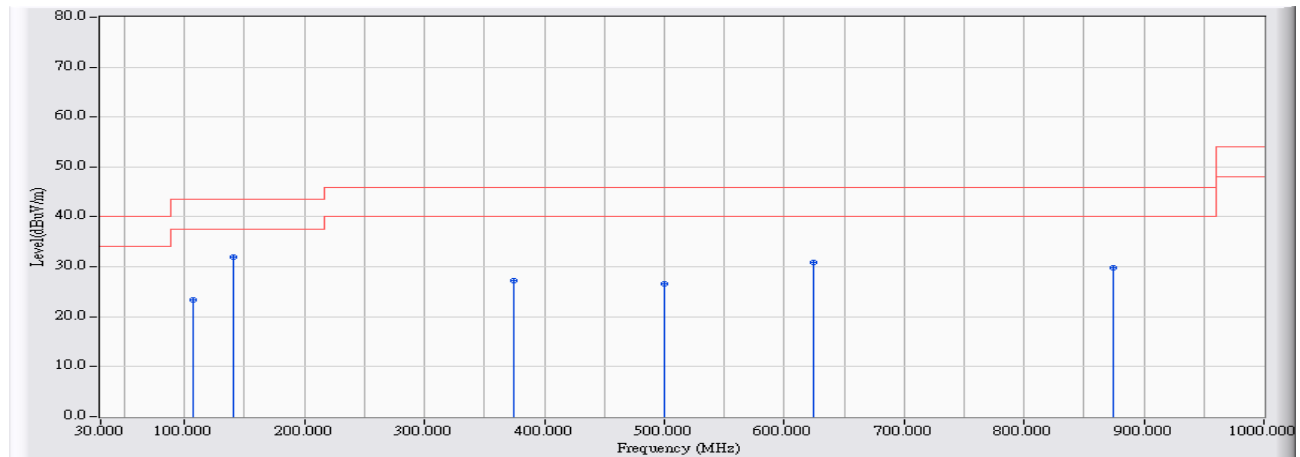


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	43.573	8.588	20.462	29.050	-10.950	40.000	PEAK
2		77.021	6.050	21.101	27.150	-12.850	40.000	PEAK
3		142.949	9.985	18.032	28.017	-15.483	43.500	PEAK
4		374.663	14.546	14.490	29.036	-16.964	46.000	PEAK
5		624.798	17.610	12.425	30.035	-15.965	46.000	PEAK
6		874.933	19.407	14.227	33.634	-12.366	46.000	PEAK

Note:

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

Site : CB1	Time : 2015/05/10 - 11:24
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11n(40MHz)_5795MHz

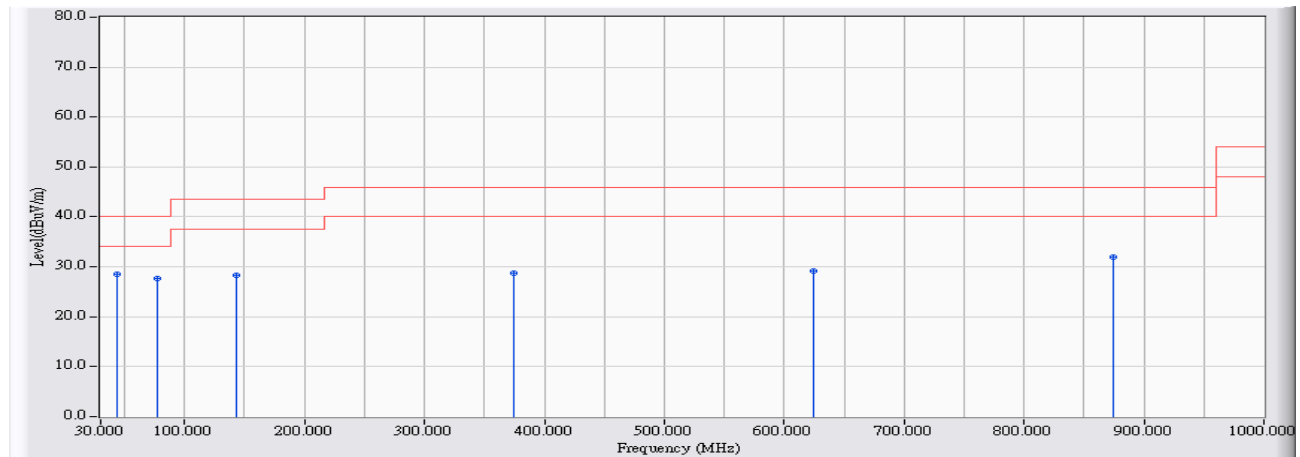


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		106.592	10.165	13.147	23.311	-20.189	43.500	PEAK
2	*	141.009	10.082	21.927	32.009	-11.491	43.500	PEAK
3		374.663	14.546	12.590	27.136	-18.864	46.000	PEAK
4		499.730	17.175	9.384	26.559	-19.441	46.000	PEAK
5		624.798	17.610	13.216	30.826	-15.174	46.000	PEAK
6		874.933	19.407	10.505	29.912	-16.088	46.000	PEAK

Note:

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

Site : CB1	Time : 2015/05/10 - 10:52
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11n(40MHz)_5795MHz

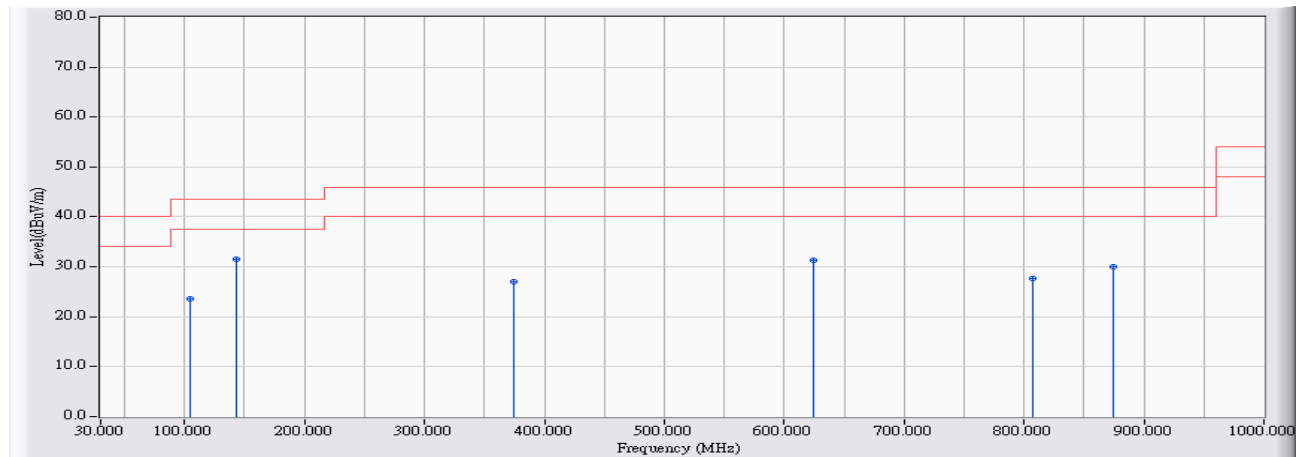


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	43.088	8.864	19.749	28.613	-11.387	40.000	PEAK
2		77.021	6.050	21.586	27.635	-12.365	40.000	PEAK
3		142.949	9.985	18.260	28.245	-15.255	43.500	PEAK
4		374.663	14.546	14.217	28.763	-17.237	46.000	PEAK
5		624.798	17.610	11.604	29.214	-16.786	46.000	PEAK
6		874.933	19.407	12.538	31.945	-14.055	46.000	PEAK

Note:

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

Site : CB1	Time : 2015/05/10 - 11:26
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11ac(80MHz)_5775MHz

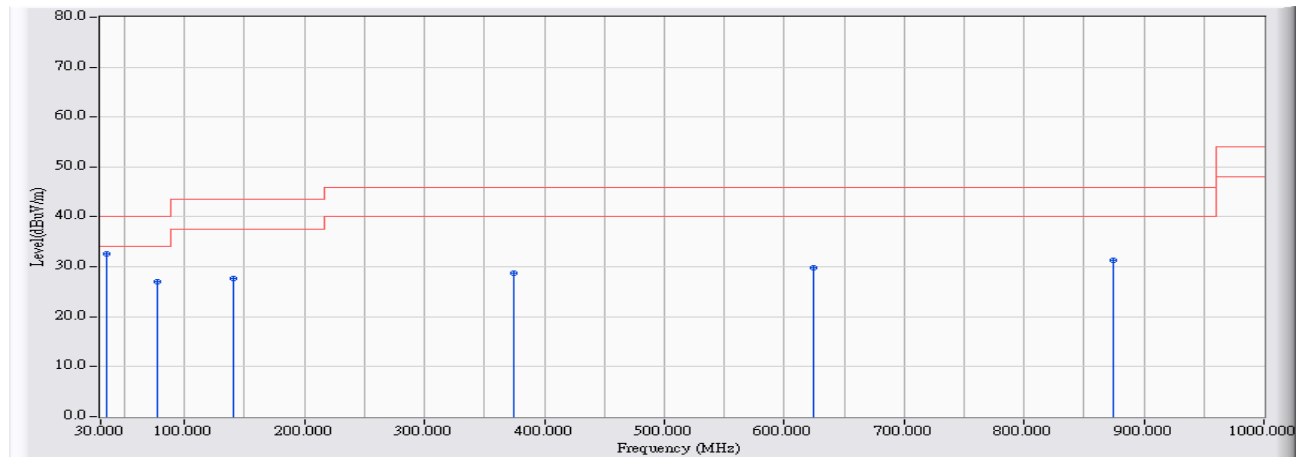


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	104.653	10.070	13.487	23.557	-19.943	43.500	PEAK
2	* 142.949	9.985	21.623	31.608	-11.892	43.500	PEAK
3	374.663	14.546	12.526	27.072	-18.928	46.000	PEAK
4	624.798	17.610	13.689	31.299	-14.701	46.000	PEAK
5	807.551	19.234	8.376	27.609	-18.391	46.000	PEAK
6	874.933	19.407	10.572	29.979	-16.021	46.000	PEAK

Note:

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

Site : CB1	Time : 2015/05/10 - 10:54
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 3: Tx- Horizontal Antenna (AD890326) 802.11ac(80MHz)_5775MHz

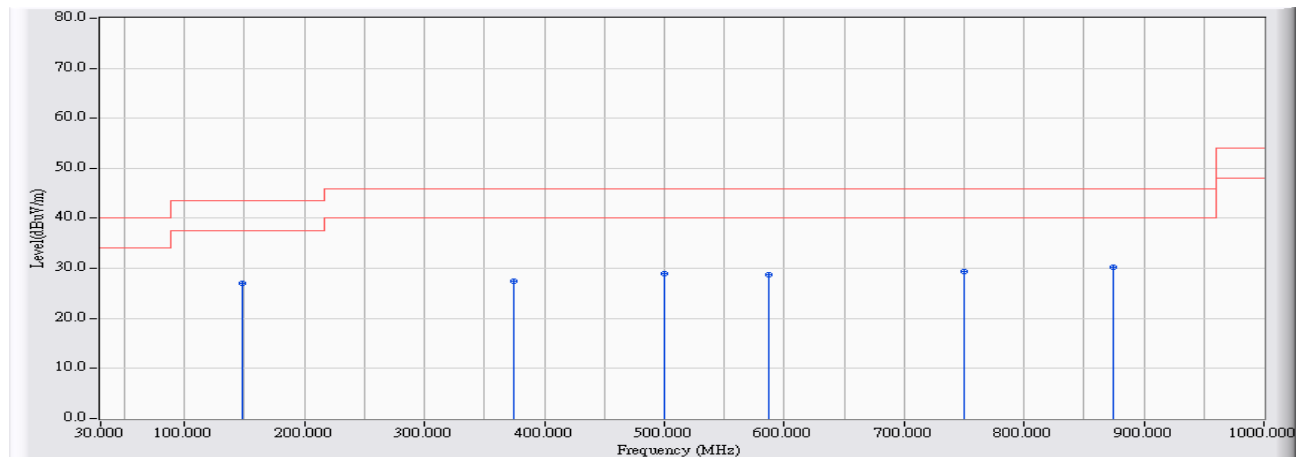


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	34.363	12.740	19.817	32.558	-7.442	40.000	PEAK
2		77.021	6.050	21.071	27.120	-12.880	40.000	PEAK
3		141.009	10.082	17.572	27.654	-15.846	43.500	PEAK
4		374.663	14.546	14.261	28.807	-17.193	46.000	PEAK
5		624.798	17.610	12.099	29.709	-16.291	46.000	PEAK
6		874.933	19.407	11.915	31.322	-14.678	46.000	PEAK

Note:

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

Site : CB1	Time : 2015/05/09 - 19:16
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 4: Tx- Vertical Antenna (AD890326) 802.11a 5785MHz

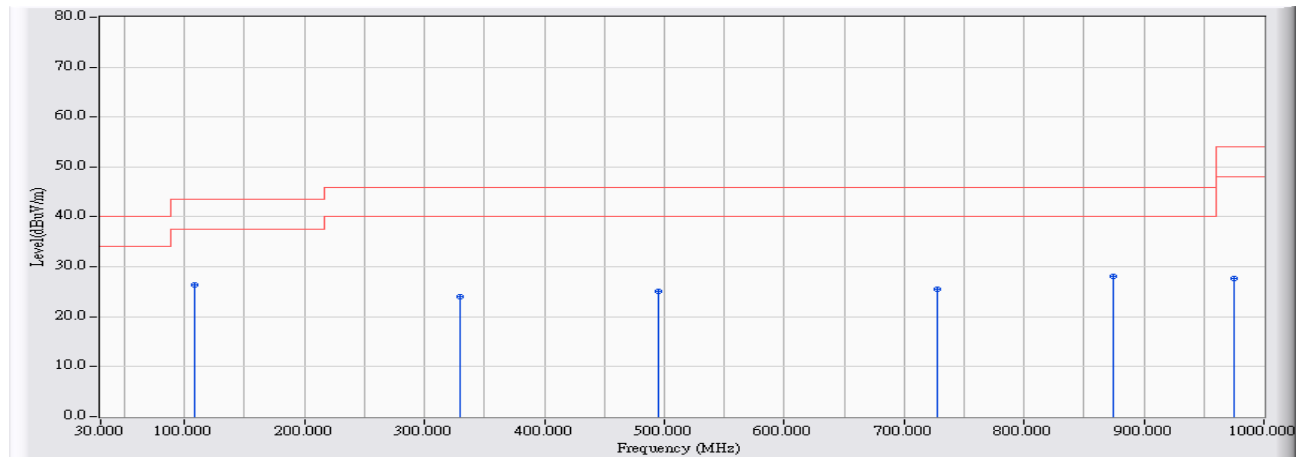


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		147.796	9.743	17.283	27.027	-16.473	43.500	QUASIPeAK
2		374.663	14.546	12.980	27.526	-18.474	46.000	QUASIPeAK
3		499.730	17.175	11.849	29.024	-16.976	46.000	QUASIPeAK
4		586.987	17.444	11.192	28.636	-17.364	46.000	QUASIPeAK
5		749.865	18.602	10.831	29.433	-16.567	46.000	QUASIPeAK
6	*	874.933	19.407	10.841	30.248	-15.752	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 20:26
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 4: Tx- Vertical Antenna (AD890326) 802.11a 5745MHz

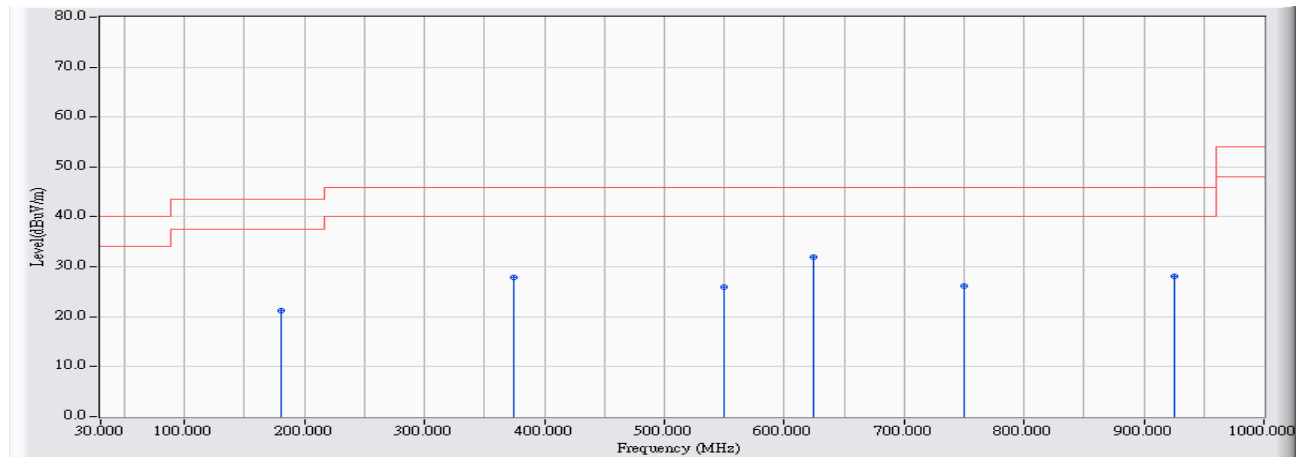


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.531	10.259	16.143	26.402	-17.098	43.500	QUASIPeAK
2		329.580	13.462	10.493	23.956	-22.044	46.000	QUASIPeAK
3		494.883	17.079	8.093	25.172	-20.828	46.000	QUASIPeAK
4		728.051	18.335	7.224	25.559	-20.441	46.000	QUASIPeAK
5		874.933	19.407	8.593	28.000	-18.000	46.000	QUASIPeAK
6		974.793	20.083	7.582	27.665	-26.335	54.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 19:18
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 4: Tx- Vertical Antenna (AD890326) 802.11n20 5785MHz

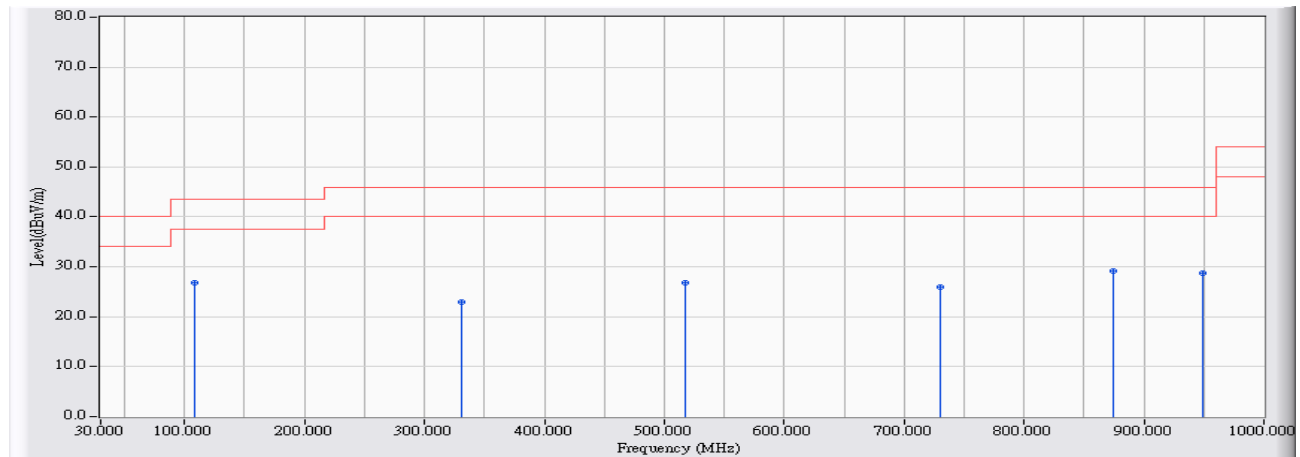


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	180.275	8.261	12.980	21.241	-22.259	43.500	QUASIPeAK
2	374.663	14.546	13.255	27.801	-18.199	46.000	QUASIPeAK
3	550.145	17.333	8.585	25.918	-20.082	46.000	QUASIPeAK
4	* 624.798	17.610	14.296	31.906	-14.094	46.000	QUASIPeAK
5	749.865	18.602	7.656	26.258	-19.742	46.000	QUASIPeAK
6	924.863	19.675	8.398	28.073	-17.927	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 20:28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 4: Tx- Vertical Antenna (AD890326) 802.11n20 5785MHz

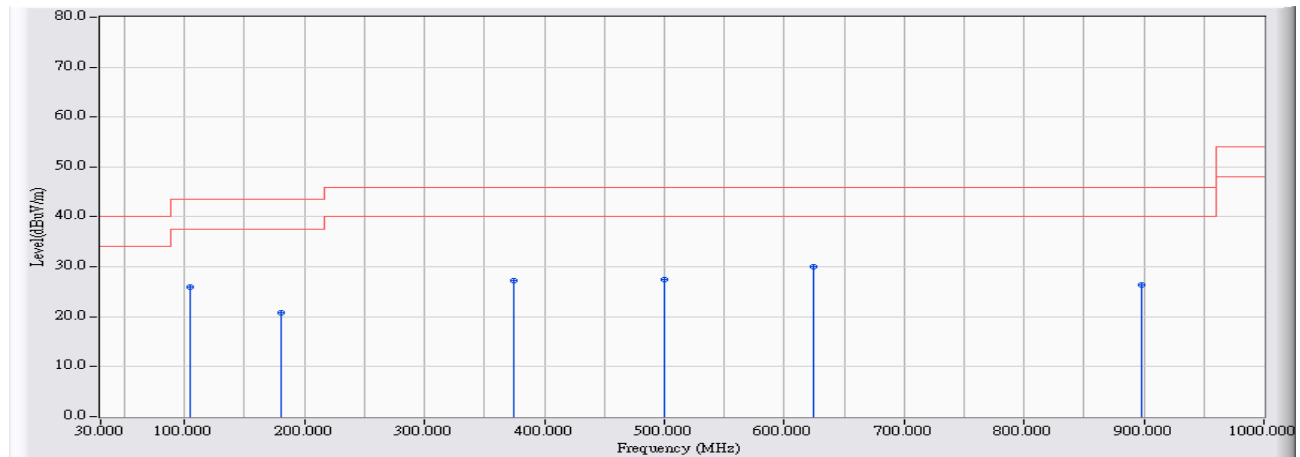


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.531	10.259	16.525	26.784	-16.716	43.500	QUASIPeAK
2		331.519	13.509	9.392	22.901	-23.099	46.000	QUASIPeAK
3		517.666	17.236	9.646	26.882	-19.118	46.000	QUASIPeAK
4		730.475	18.364	7.618	25.983	-20.017	46.000	QUASIPeAK
5		874.933	19.407	9.793	29.200	-16.800	46.000	QUASIPeAK
6		949.585	19.877	8.963	28.840	-17.160	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 19:20
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 4: Tx- Vertical Antenna (AD890326) 802.11n40 5795MHz

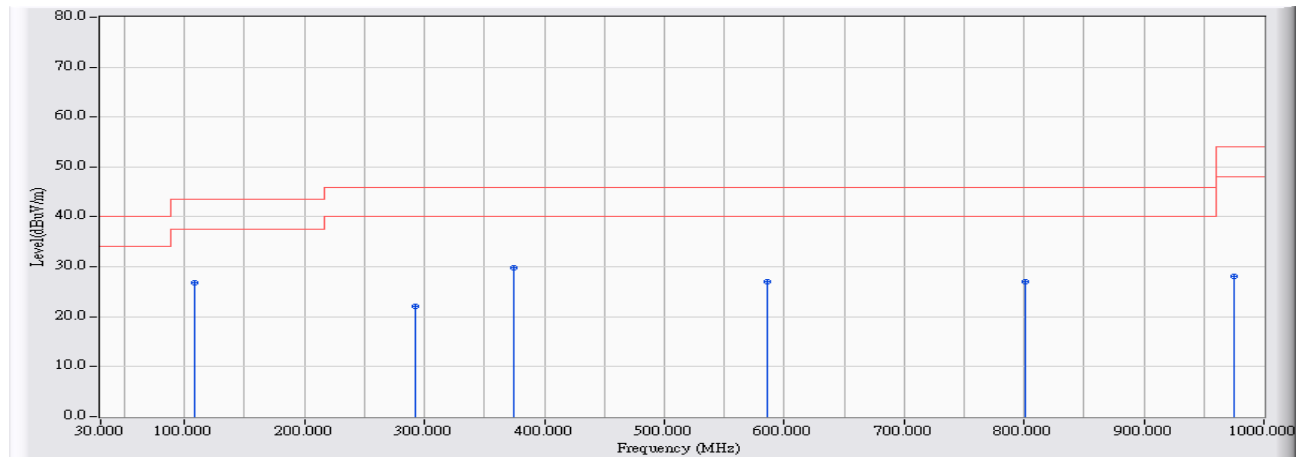


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		104.653	10.070	15.822	25.892	-17.608	43.500	QUASIPeAK
2		180.275	8.261	12.586	20.847	-22.653	43.500	QUASIPeAK
3		374.663	14.546	12.613	27.159	-18.841	46.000	QUASIPeAK
4		499.730	17.175	10.297	27.472	-18.528	46.000	QUASIPeAK
5	*	624.798	17.610	12.327	29.937	-16.063	46.000	QUASIPeAK
6		898.201	19.468	6.819	26.287	-19.713	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 20:31
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 4: Tx- Vertical Antenna (AD890326) 802.11n40 5795MHz

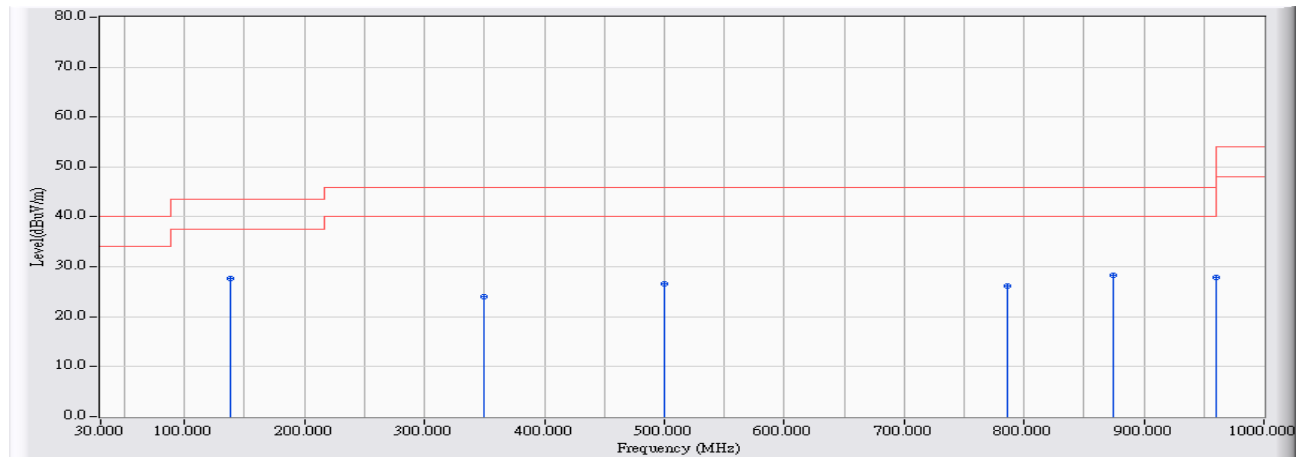


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	108.531	10.259	16.455	26.714	-16.786	43.500	QUASIPeAK
2	292.739	12.626	9.390	22.016	-23.984	46.000	QUASIPeAK
3	* 374.663	14.546	15.315	29.861	-16.139	46.000	QUASIPeAK
4	586.017	17.441	9.528	26.969	-19.031	46.000	QUASIPeAK
5	801.249	19.217	7.835	27.052	-18.948	46.000	QUASIPeAK
6	974.793	20.083	8.088	28.171	-25.829	54.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 19:23
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 4: Tx- Vertical Antenna (AD890326) 802.11ac80 5775MHz

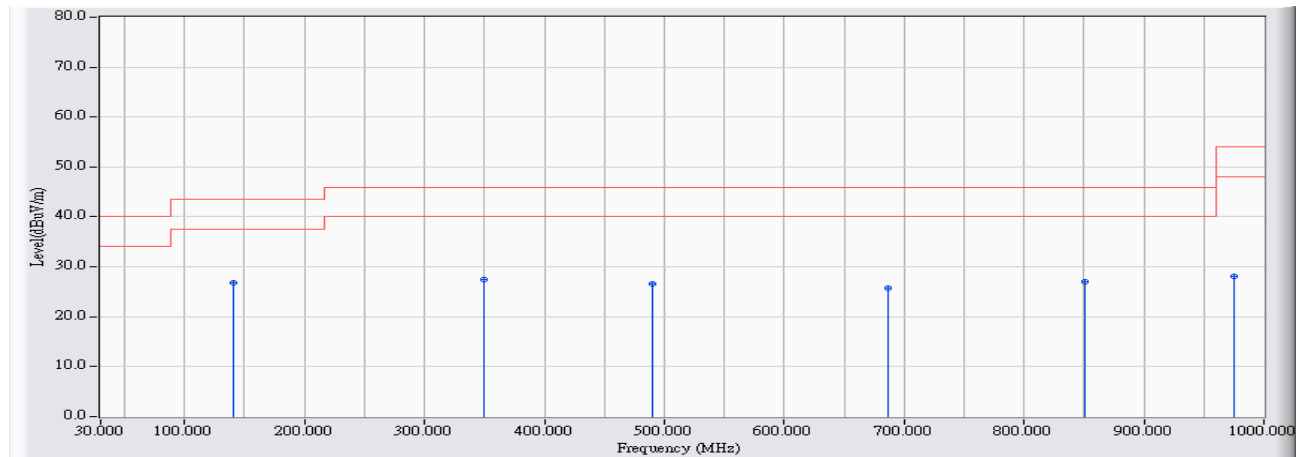


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	138.101	10.197	17.522	27.719	-15.781	43.500	QUASIPeAK
2		349.455	13.941	9.996	23.936	-22.064	46.000	QUASIPeAK
3		499.730	17.175	9.381	26.556	-19.444	46.000	QUASIPeAK
4		786.222	19.046	7.201	26.247	-19.753	46.000	QUASIPeAK
5		874.933	19.407	9.000	28.407	-17.593	46.000	QUASIPeAK
6		960.735	19.969	7.920	27.888	-26.112	54.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 20:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 4: Tx- Vertical Antenna (AD890326) 802.11ac80 5775MHz

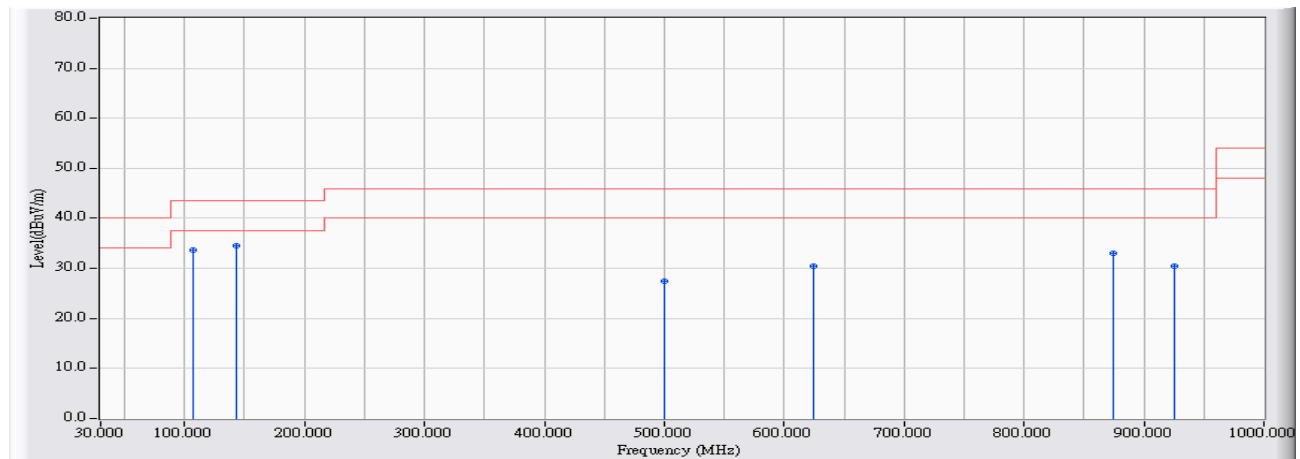


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	141.009	10.082	16.719	26.801	-16.699	43.500	QUASIPeAK
2		349.940	13.952	13.553	27.505	-18.495	46.000	QUASIPeAK
3		490.520	16.991	9.666	26.656	-19.344	46.000	QUASIPeAK
4		686.362	17.923	7.895	25.818	-20.182	46.000	QUASIPeAK
5		851.179	19.346	7.659	27.005	-18.995	46.000	QUASIPeAK
6		974.793	20.083	8.118	28.201	-25.799	54.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 09:53
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11a_5785MHz

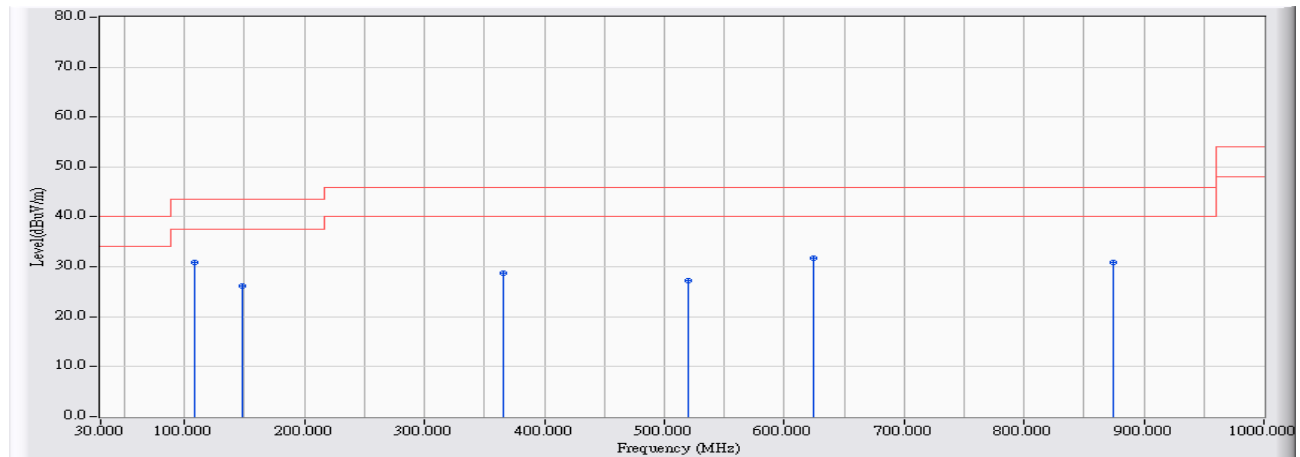


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		106.592	10.165	23.578	33.742	-9.758	43.500	QUASIPeAK
2	*	142.949	9.985	24.597	34.582	-8.918	43.500	QUASIPeAK
3		499.730	17.175	10.213	27.388	-18.612	46.000	QUASIPeAK
4		624.798	17.610	12.801	30.411	-15.589	46.000	QUASIPeAK
5		874.933	19.407	13.531	32.938	-13.062	46.000	QUASIPeAK
6		924.863	19.675	10.752	30.427	-15.573	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 11:11
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11a_5785MHz

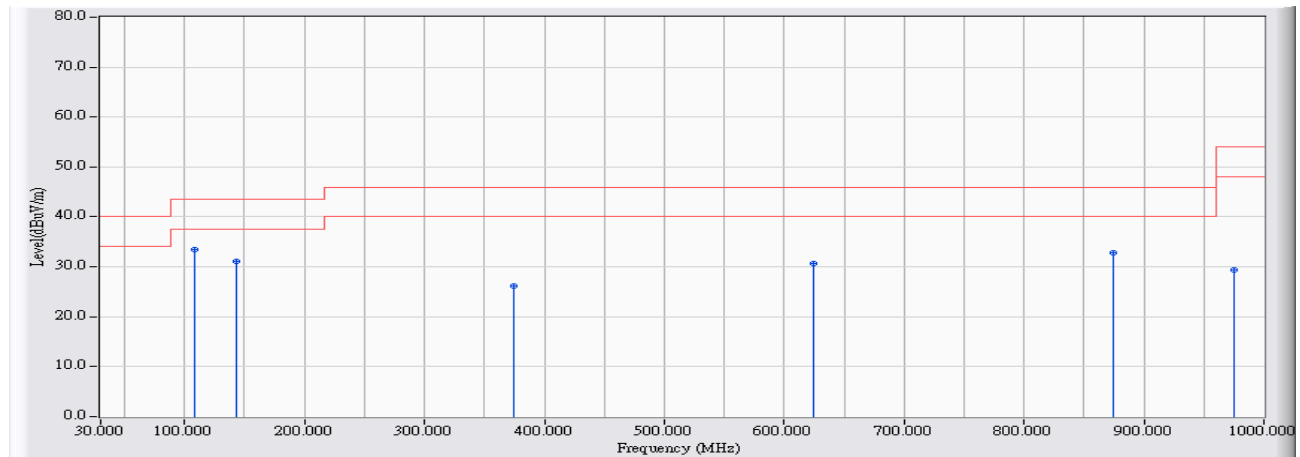


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.531	10.259	20.597	30.856	-12.644	43.500	QUASIPeAK
2		147.796	9.743	16.528	26.272	-17.228	43.500	QUASIPeAK
3		365.937	14.336	14.494	28.830	-17.170	46.000	QUASIPeAK
4		519.605	17.242	10.097	27.339	-18.661	46.000	QUASIPeAK
5		624.798	17.610	14.121	31.731	-14.269	46.000	QUASIPeAK
6		874.933	19.407	11.491	30.898	-15.102	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 09:58
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11n(20MHz)_5785MHz

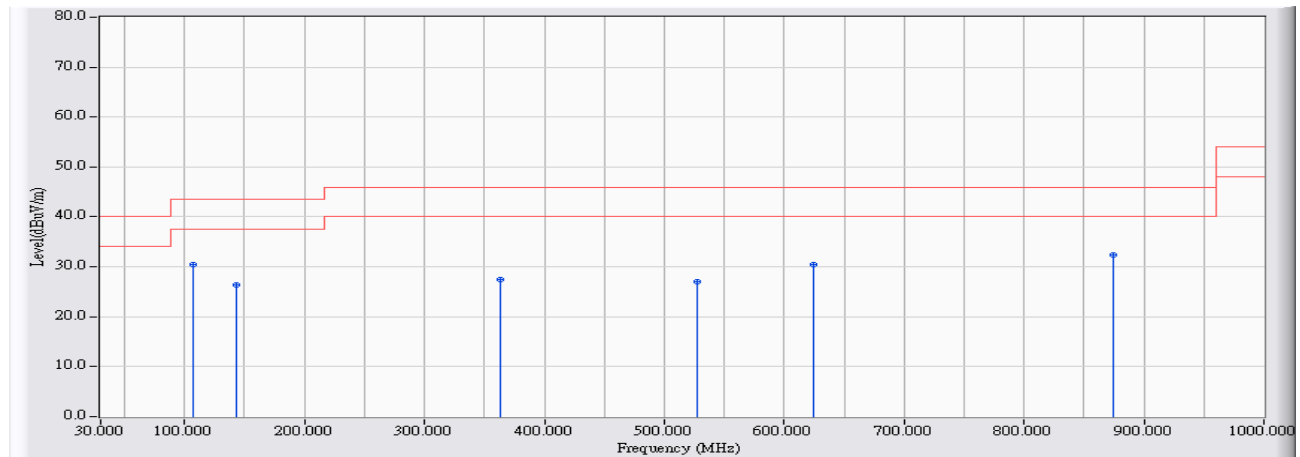


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.531	10.259	23.185	33.444	-10.056	43.500	QUASIPeAK
2		142.949	9.985	21.210	31.195	-12.305	43.500	QUASIPeAK
3		374.663	14.546	11.632	26.178	-19.822	46.000	QUASIPeAK
4		624.798	17.610	13.097	30.707	-15.293	46.000	QUASIPeAK
5		874.933	19.407	13.433	32.840	-13.160	46.000	QUASIPeAK
6		974.793	20.083	9.250	29.333	-24.667	54.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 11:14
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11n(20MHz)_5785MHz

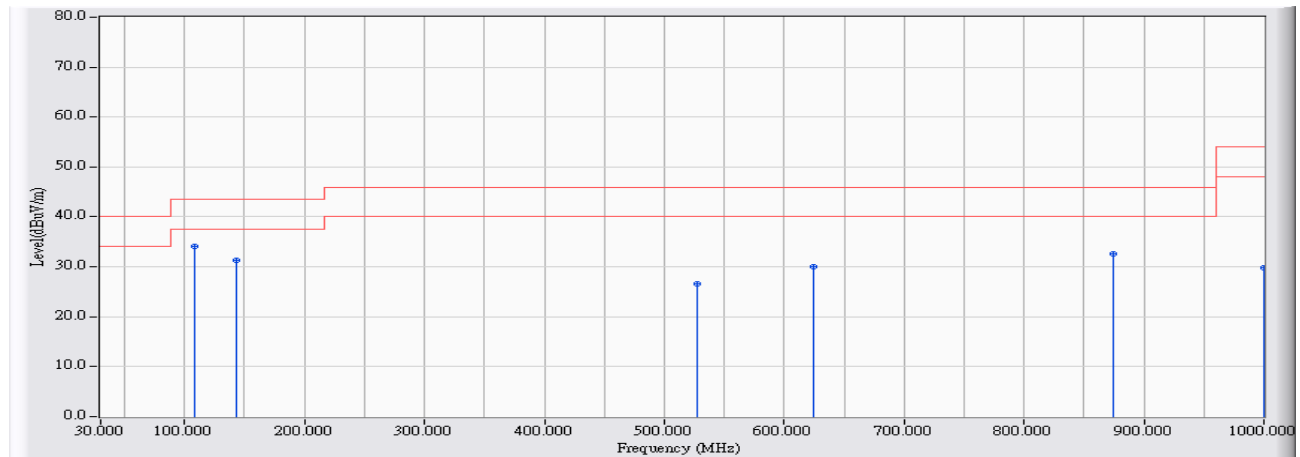


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.592	10.165	20.212	30.376	-13.124	43.500	QUASIPeAK
2		142.949	9.985	16.475	26.460	-17.040	43.500	QUASIPeAK
3		363.513	14.278	13.222	27.500	-18.500	46.000	QUASIPeAK
4		527.846	17.267	9.712	26.979	-19.021	46.000	QUASIPeAK
5		624.798	17.610	12.772	30.382	-15.618	46.000	QUASIPeAK
6		874.933	19.407	13.029	32.436	-13.564	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 10:02
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11n(40MHz)_5795MHz

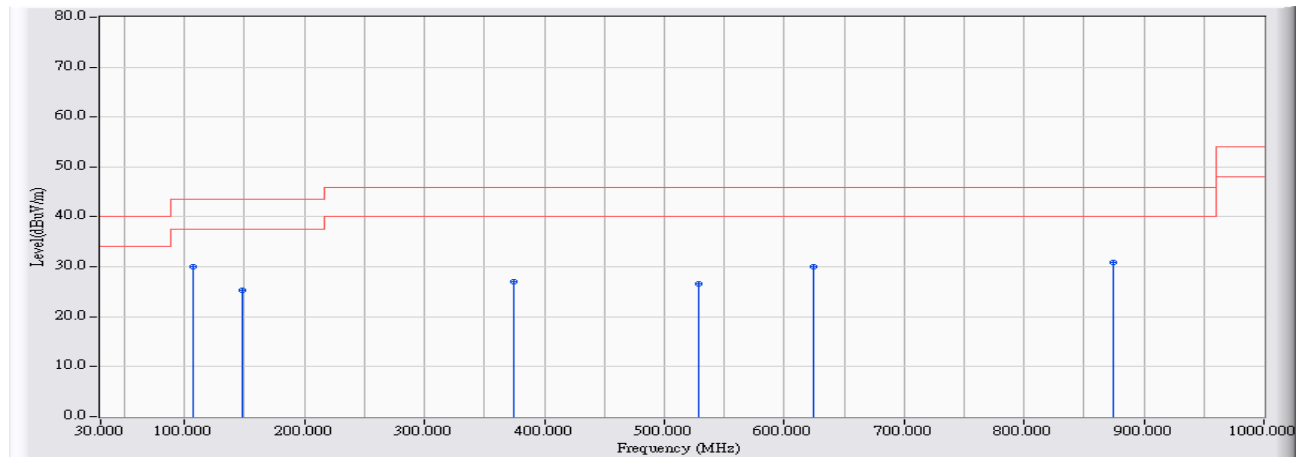


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.531	10.259	23.912	34.171	-9.329	43.500	QUASIPeAK
2		142.949	9.985	21.392	31.377	-12.123	43.500	QUASIPeAK
3		527.846	17.267	9.429	26.696	-19.304	46.000	QUASIPeAK
4		624.798	17.610	12.340	29.950	-16.050	46.000	QUASIPeAK
5		874.933	19.407	13.264	32.671	-13.329	46.000	QUASIPeAK
6		999.515	20.285	9.435	29.720	-24.280	54.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 11:17
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11n(40MHz)_5795MHz

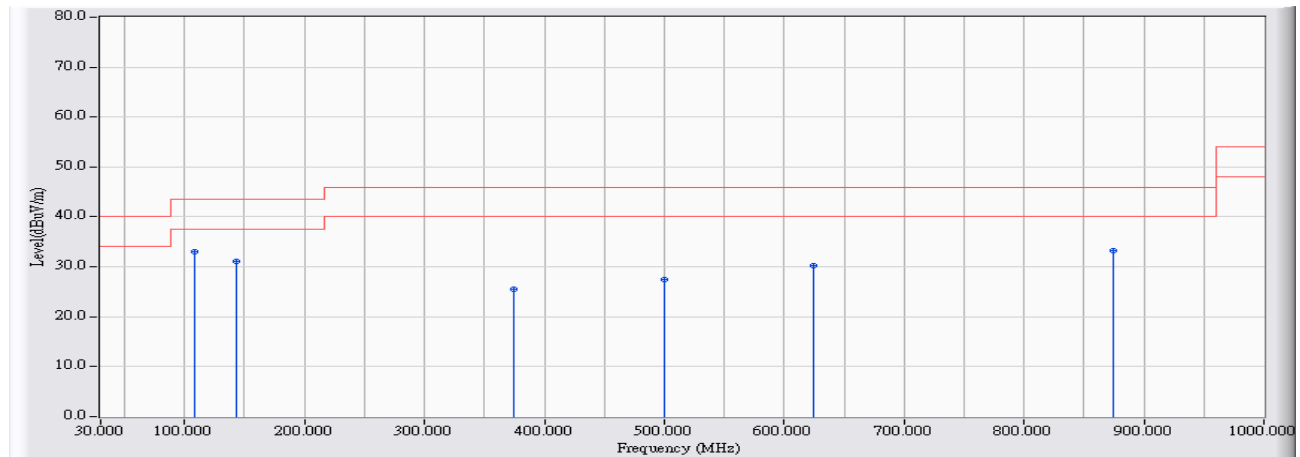


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.592	10.165	19.856	30.020	-13.480	43.500	QUASIPeAK
2		147.796	9.743	15.525	25.269	-18.231	43.500	QUASIPeAK
3		374.663	14.546	12.455	27.001	-18.999	46.000	QUASIPeAK
4		528.331	17.268	9.259	26.527	-19.473	46.000	QUASIPeAK
5		624.798	17.610	12.335	29.945	-16.055	46.000	QUASIPeAK
6		874.933	19.407	11.432	30.839	-15.161	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 10:08
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11ac(80MHz)_5775MHz

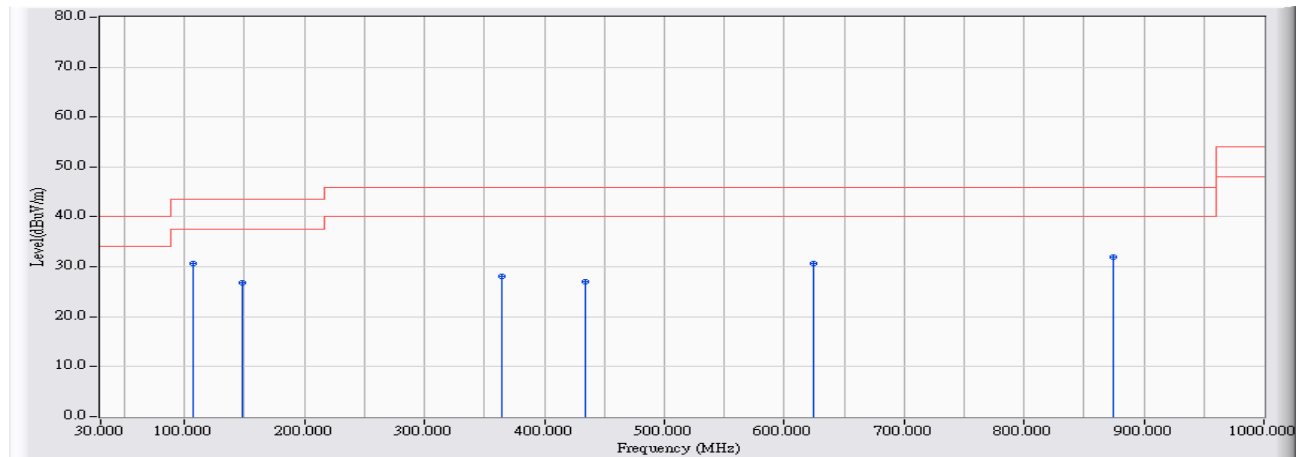


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.531	10.259	22.806	33.065	-10.435	43.500	QUASIPeAK
2		142.949	9.985	21.042	31.027	-12.473	43.500	QUASIPeAK
3		374.663	14.546	11.012	25.558	-20.442	46.000	QUASIPeAK
4		499.730	17.175	10.376	27.551	-18.449	46.000	QUASIPeAK
5		624.798	17.610	12.542	30.152	-15.848	46.000	QUASIPeAK
6		874.933	19.407	13.887	33.294	-12.706	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 11:21
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 5: Tx- Horizontal Antenna (ADP-33AW) 802.11ac(80MHz)_5775MHz

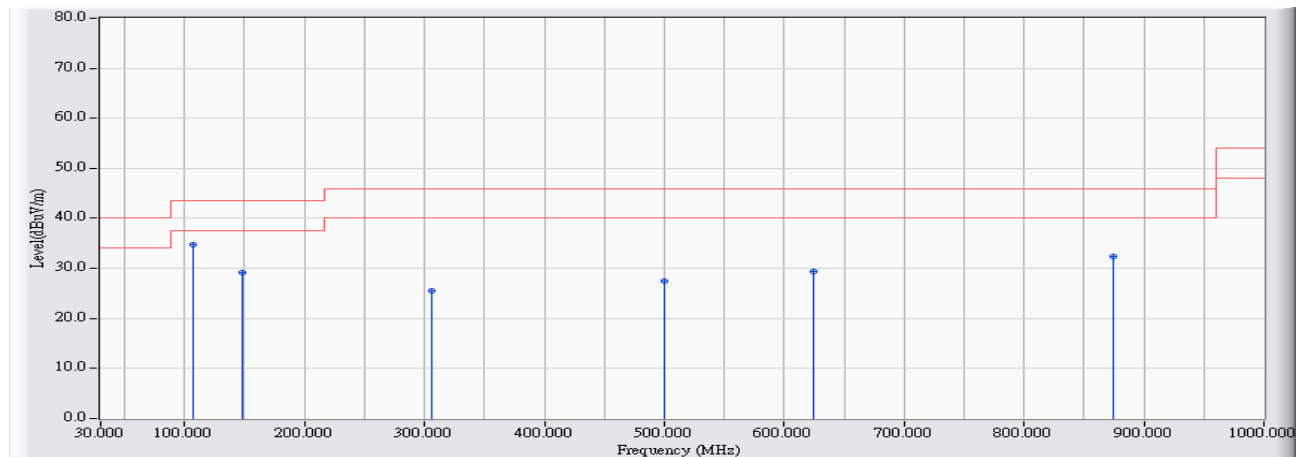


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.592	10.165	20.460	30.624	-12.876	43.500	QUASIPeAK
2		147.796	9.743	16.977	26.721	-16.779	43.500	QUASIPeAK
3		364.968	14.313	13.826	28.139	-17.861	46.000	QUASIPeAK
4		433.803	15.840	11.158	26.998	-19.002	46.000	QUASIPeAK
5		624.798	17.610	13.101	30.711	-15.289	46.000	QUASIPeAK
6		874.933	19.407	12.522	31.929	-14.071	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 08:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 6: Tx- Vertical Antenna (ADP-33AW) 802.11a_5785MHz

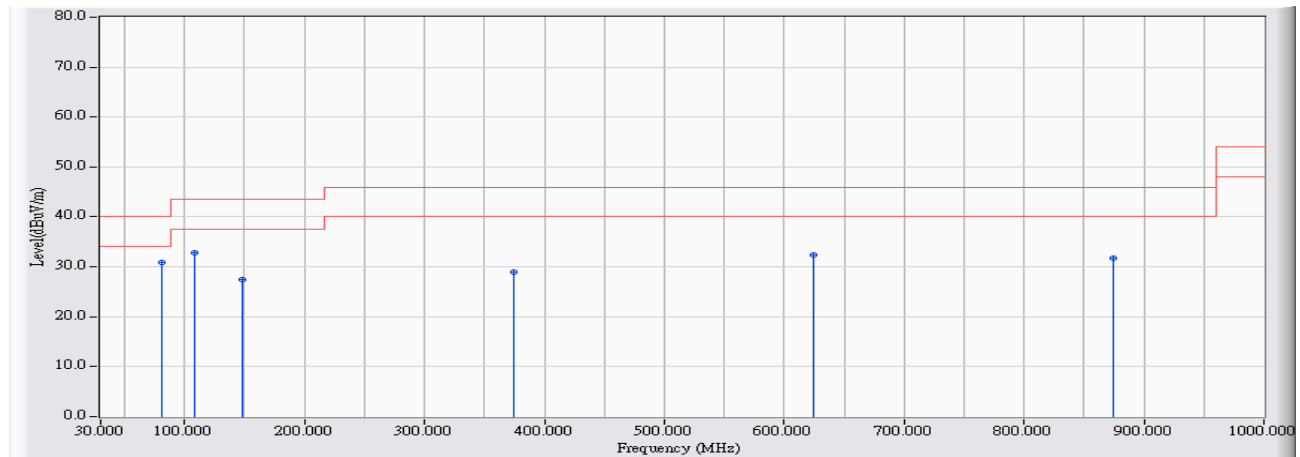


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.592	10.165	24.582	34.746	-8.754	43.500	QUASIPeAK
2		147.796	9.743	19.339	29.083	-14.417	43.500	QUASIPeAK
3		306.312	12.903	12.671	25.575	-20.425	46.000	QUASIPeAK
4		499.730	17.175	10.362	27.537	-18.463	46.000	QUASIPeAK
5		624.798	17.610	11.761	29.371	-16.629	46.000	QUASIPeAK
6		874.933	19.407	13.012	32.419	-13.581	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 06:14
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 6: Tx- Vertical Antenna (ADP-33AW) 802.11a_5785MHz

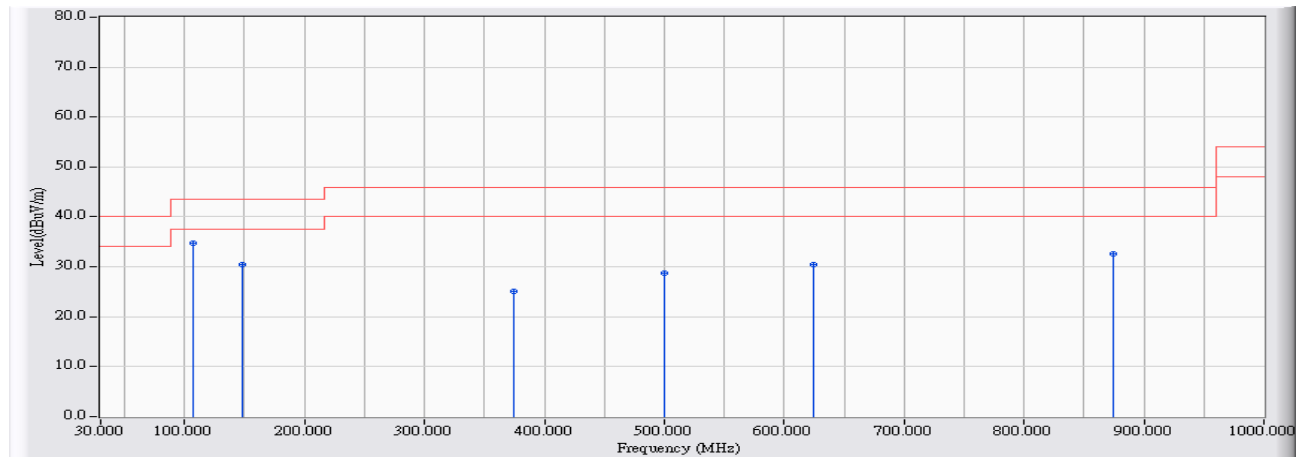


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	80.900	6.377	24.484	30.861	-9.139	40.000	QUASIPeAK
2		108.531	10.259	22.627	32.886	-10.614	43.500	QUASIPeAK
3		147.796	9.743	17.627	27.371	-16.129	43.500	QUASIPeAK
4		374.663	14.546	14.419	28.965	-17.035	46.000	QUASIPeAK
5		624.798	17.610	14.732	32.342	-13.658	46.000	QUASIPeAK
6		874.933	19.407	12.271	31.678	-14.322	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 08:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 6: Tx- Vertical Antenna (ADP-33AW) 802.11n(20M)_5785MHz

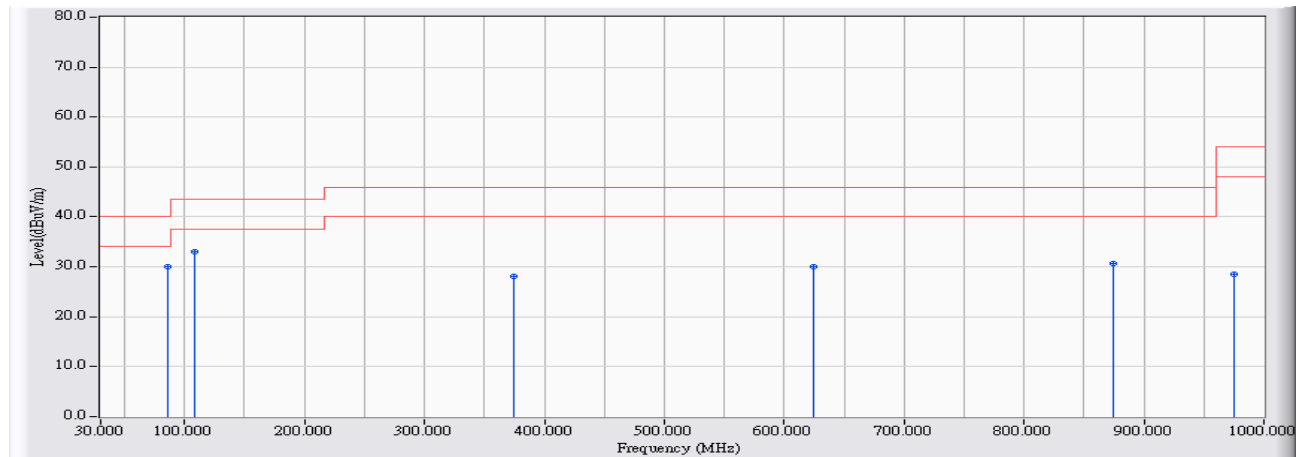


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.592	10.165	24.582	34.746	-8.754	43.500	QUASIPeAK
2		147.796	9.743	20.631	30.375	-13.125	43.500	QUASIPeAK
3		374.663	14.546	10.576	25.122	-20.878	46.000	QUASIPeAK
4		499.730	17.175	11.491	28.666	-17.334	46.000	QUASIPeAK
5		624.798	17.610	12.764	30.374	-15.626	46.000	QUASIPeAK
6		874.933	19.407	13.231	32.638	-13.362	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 06:18
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 6: Tx- Vertical Antenna (ADP-33AW) 802.11n(20M)_5785MHz

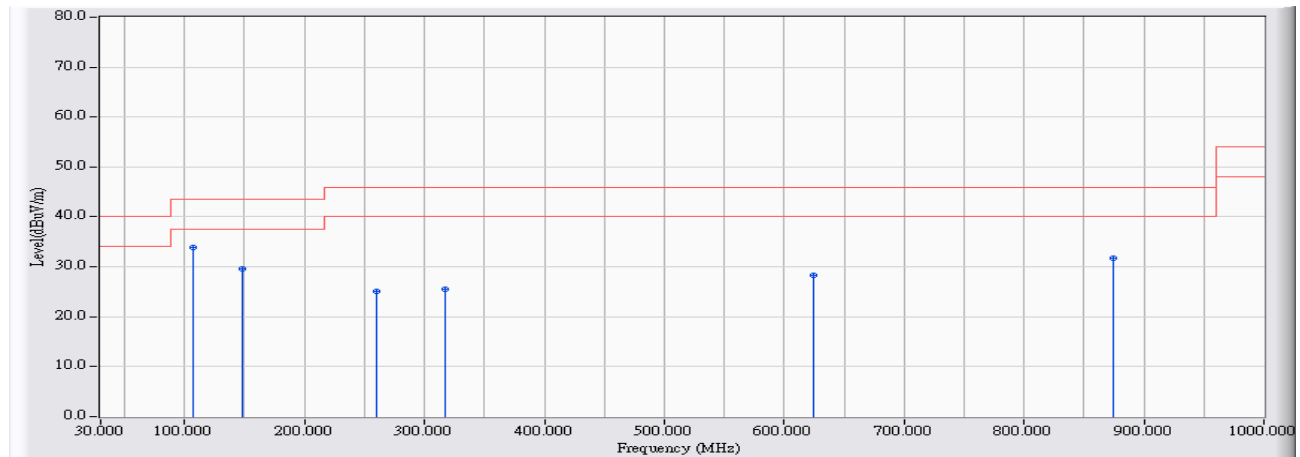


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	85.747	6.974	23.094	30.068	-9.932	40.000	QUASIPeAK
2		108.531	10.259	22.829	33.088	-10.412	43.500	QUASIPeAK
3		374.663	14.546	13.557	28.103	-17.897	46.000	QUASIPeAK
4		624.798	17.610	12.345	29.955	-16.045	46.000	QUASIPeAK
5		874.933	19.407	11.257	30.664	-15.336	46.000	QUASIPeAK
6		974.793	20.083	8.441	28.524	-25.476	54.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 08:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 6: Tx- Vertical Antenna (ADP-33AW) 802.11n(40M)_5795MHz

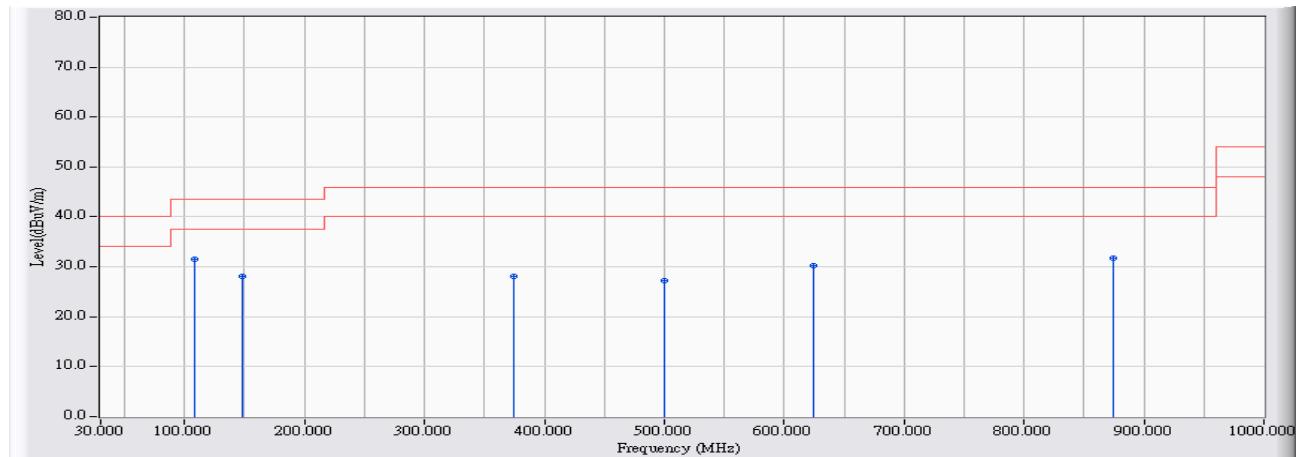


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.592	10.165	23.801	33.965	-9.535	43.500	QUASIPeAK
2		147.796	9.743	19.893	29.637	-13.863	43.500	QUASIPeAK
3		259.775	12.053	13.070	25.123	-20.877	46.000	QUASIPeAK
4		316.977	13.160	12.403	25.563	-20.437	46.000	QUASIPeAK
5		624.798	17.610	10.775	28.385	-17.615	46.000	QUASIPeAK
6		874.933	19.407	12.328	31.735	-14.265	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 06:21
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 6: Tx- Vertical Antenna (ADP-33AW) 802.11n(40M)_5795MHz

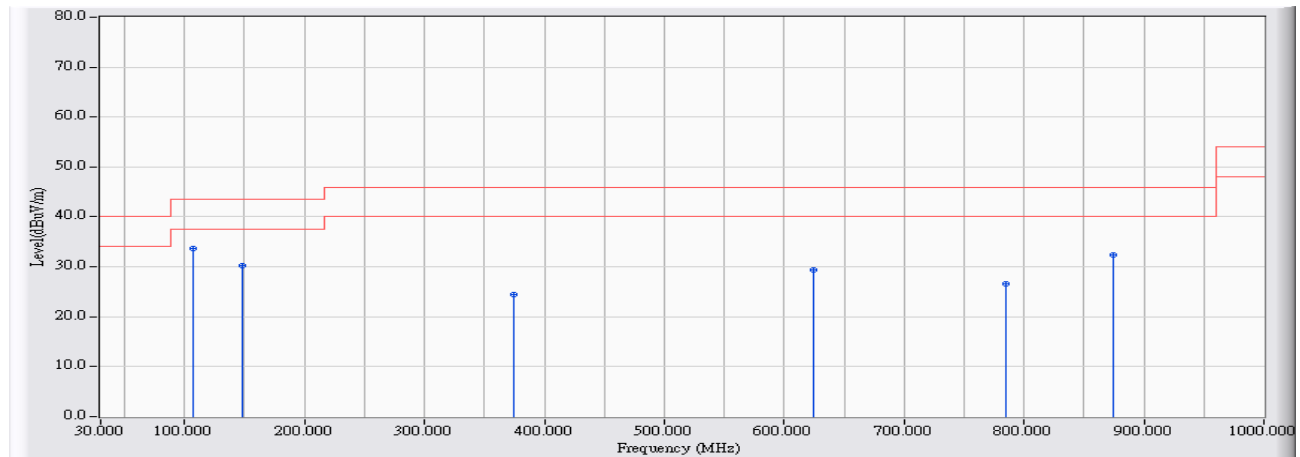


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.531	10.259	21.207	31.466	-12.034	43.500	QUASIPeAK
2		147.796	9.743	18.261	28.005	-15.495	43.500	QUASIPeAK
3		374.663	14.546	13.606	28.152	-17.848	46.000	QUASIPeAK
4		499.730	17.175	10.127	27.302	-18.698	46.000	QUASIPeAK
5		624.798	17.610	12.686	30.296	-15.704	46.000	QUASIPeAK
6		874.933	19.407	12.399	31.806	-14.194	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 08:45
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 6: Tx- Vertical Antenna (ADP-33AW) 802.11ac(80M)_5775MHz

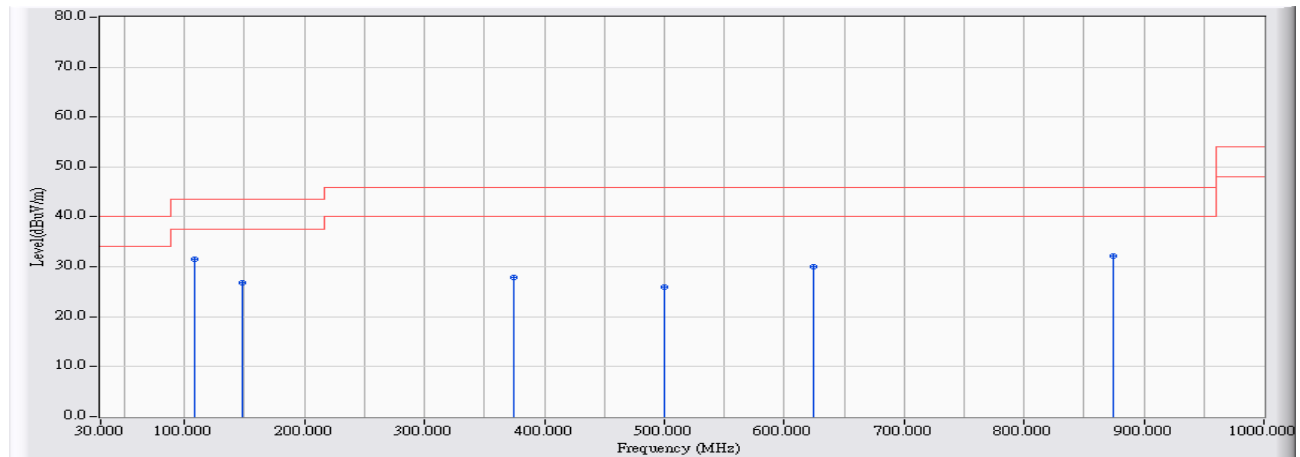


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	106.592	10.165	23.538	33.702	-9.798	43.500	QUASIPeAK
2		147.796	9.743	20.598	30.342	-13.158	43.500	QUASIPeAK
3		374.663	14.546	9.992	24.538	-21.462	46.000	QUASIPeAK
4		624.798	17.610	11.716	29.326	-16.674	46.000	QUASIPeAK
5		785.252	19.034	7.587	26.621	-19.379	46.000	QUASIPeAK
6		874.933	19.407	12.917	32.324	-13.676	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/05/09 - 06:31
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 6: Tx- Vertical Antenna (ADP-33AW) 802.11ac(80M)_5775MHz



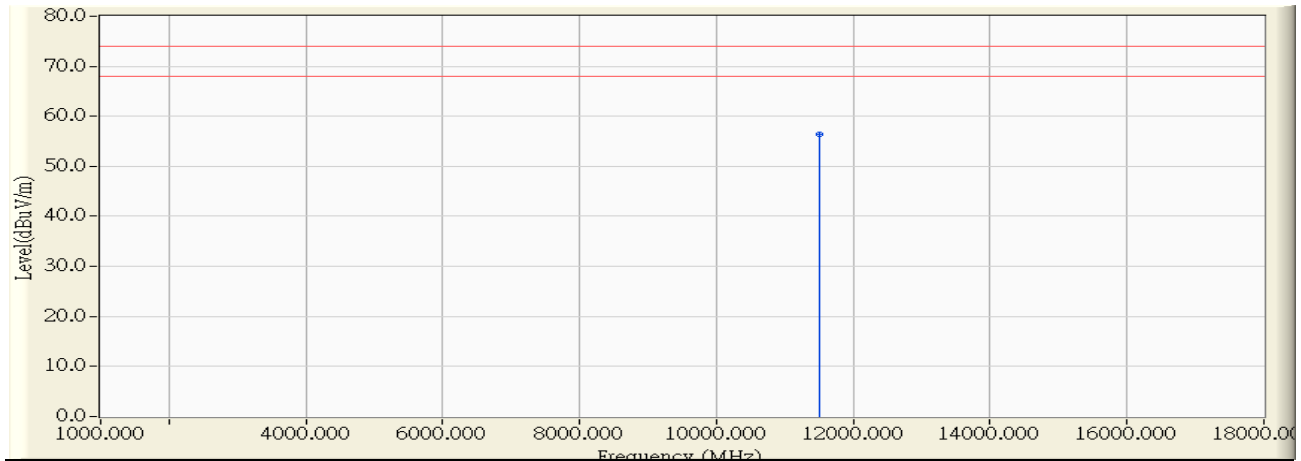
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	108.531	10.259	21.365	31.624	-11.876	43.500	QUASIPeAK
2		147.796	9.743	17.018	26.762	-16.738	43.500	QUASIPeAK
3		374.663	14.546	13.272	27.818	-18.182	46.000	QUASIPeAK
4		499.730	17.175	8.865	26.040	-19.960	46.000	QUASIPeAK
5		624.798	17.610	12.330	29.940	-16.060	46.000	QUASIPeAK
6		874.933	19.407	12.684	32.091	-13.909	46.000	QUASIPeAK

Note:

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

Above 1GHz Spurious

Site : CB1	Time : 2015/05/06 - 19:59
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5745MHz

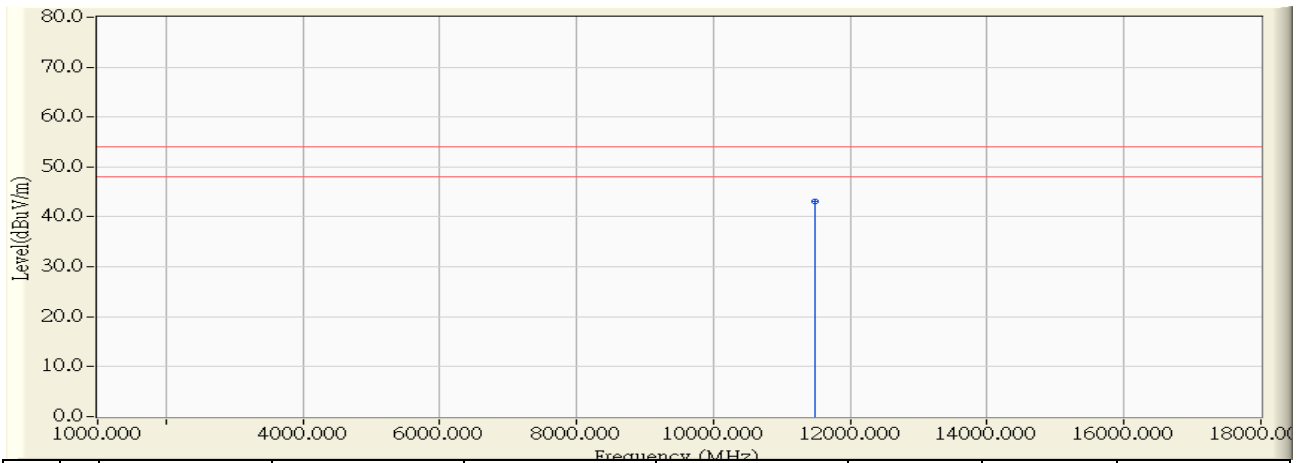


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11495.540	12.265	44.110	56.375	-17.625	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:00
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5745MHz

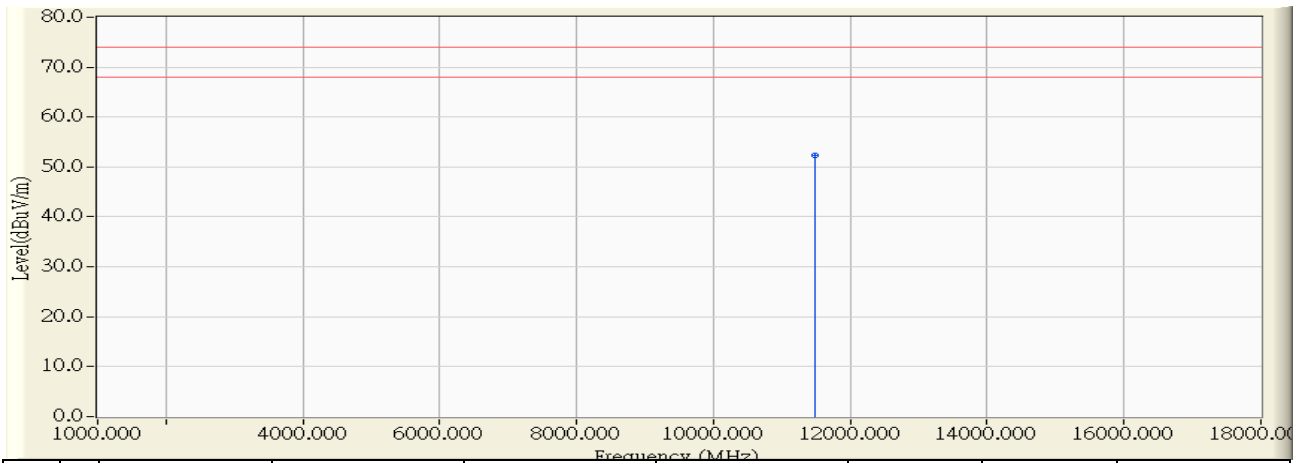


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11489.850	12.273	30.890	43.163	-10.837	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:12
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5745MHz

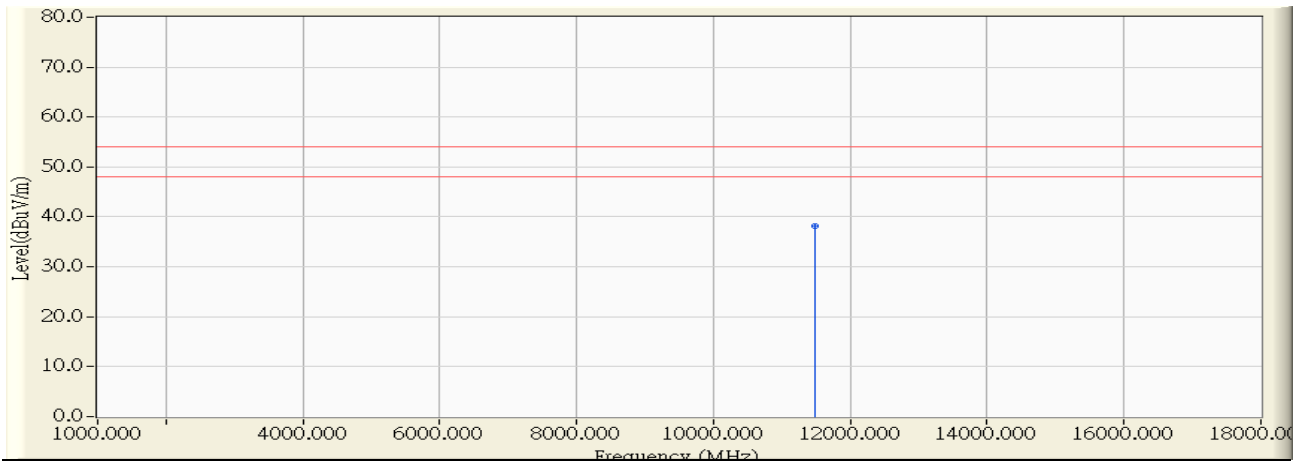


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.350	12.018	40.420	52.438	-21.562	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:12
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5745MHz

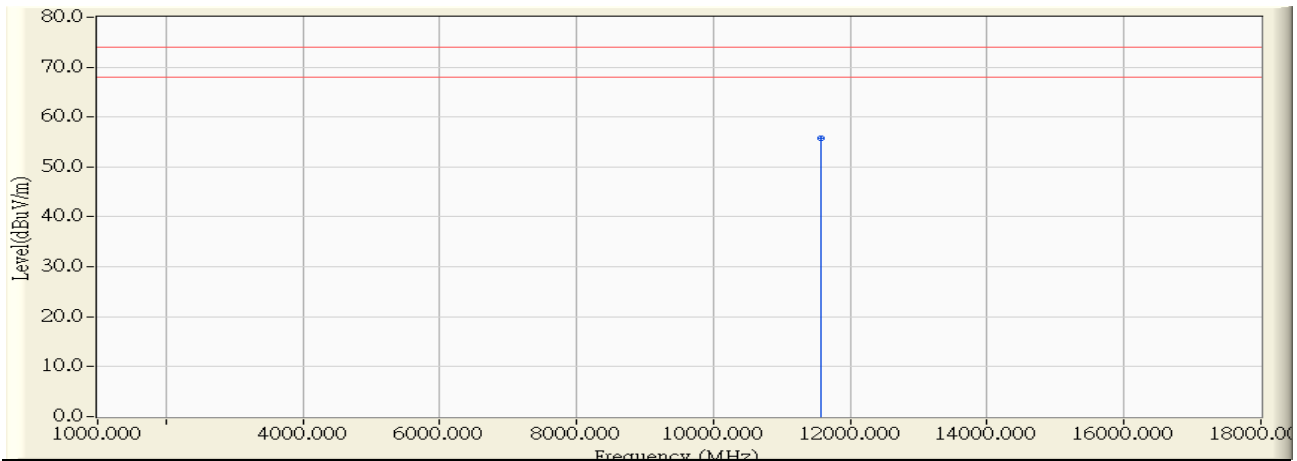


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11485.902	12.025	26.200	38.225	-15.775	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:17
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz

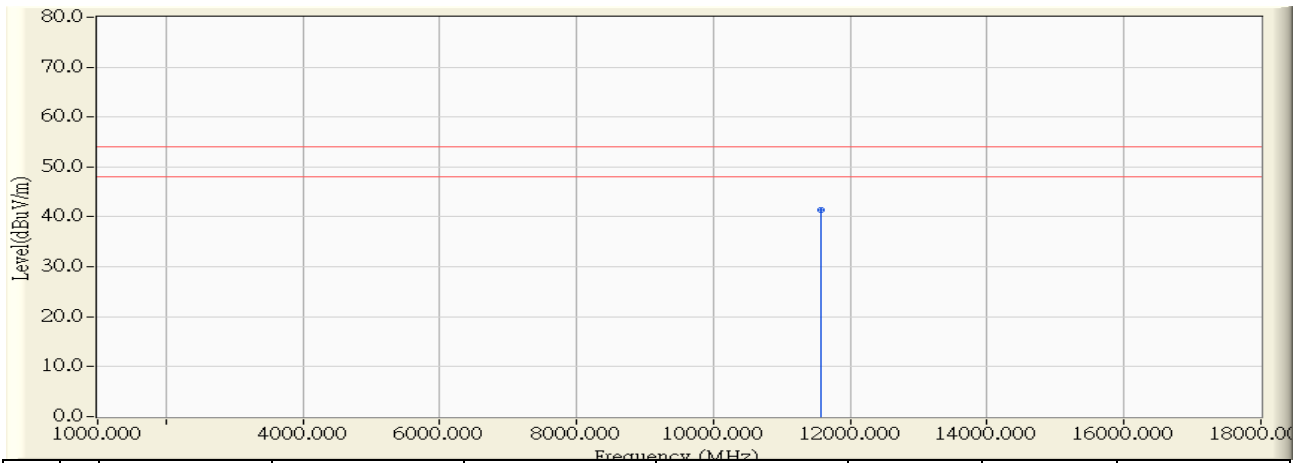


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.748	12.168	43.640	55.809	-18.191	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:18
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz

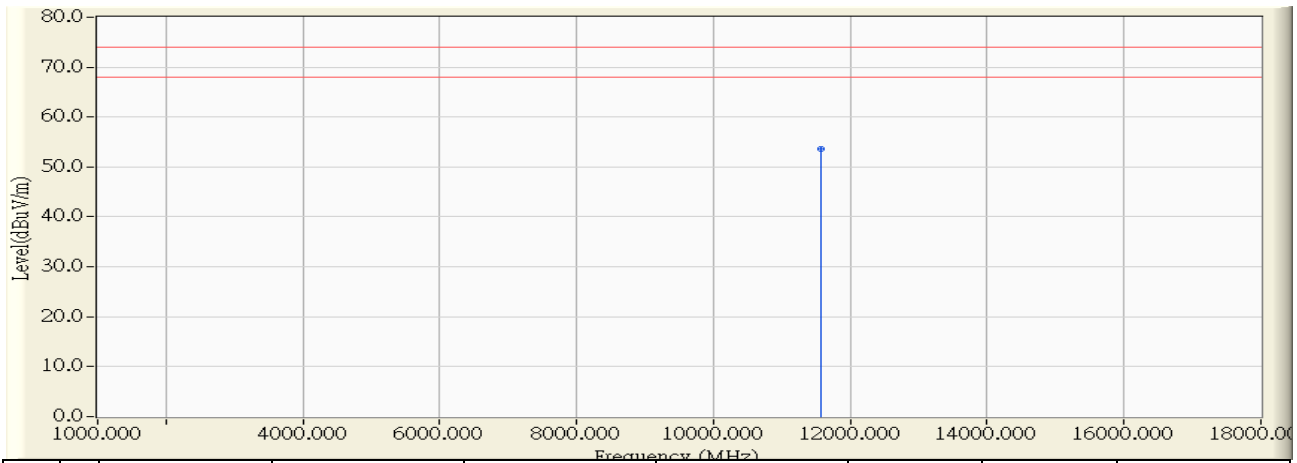


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.150	12.170	29.300	41.470	-12.530	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:25
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz

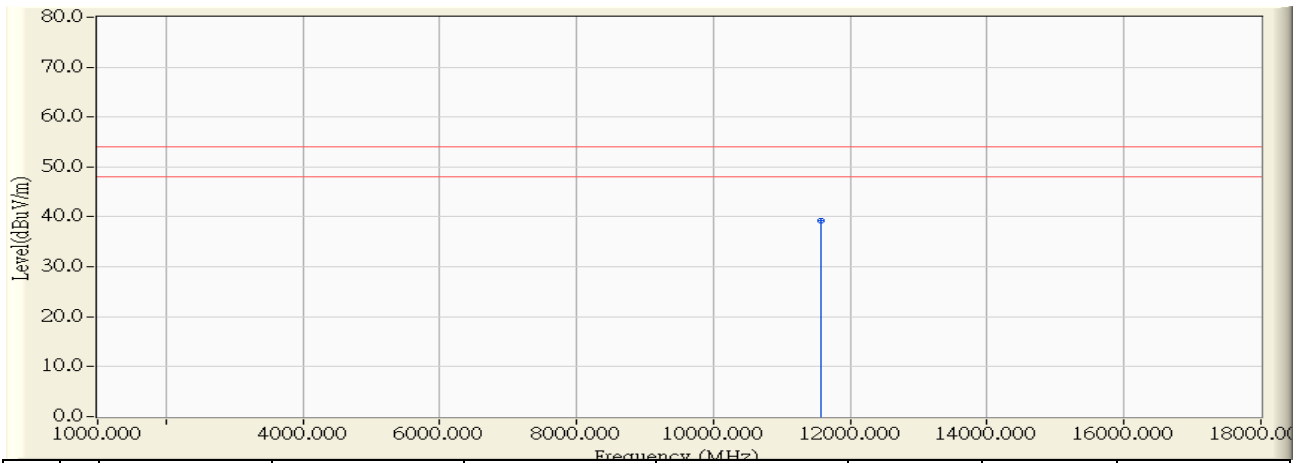


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11565.902	11.883	41.710	53.594	-20.406	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:26
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz

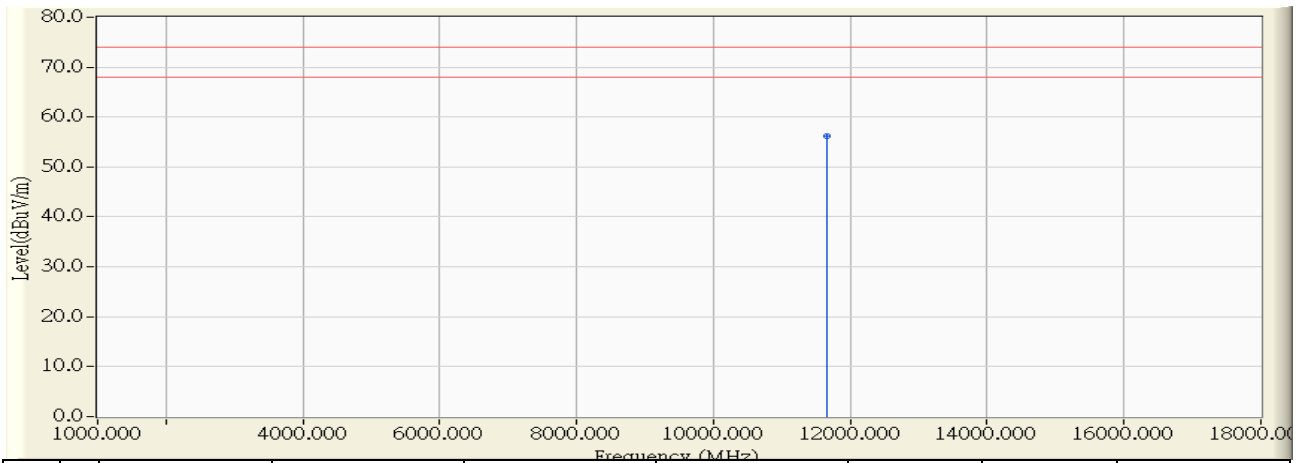


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11575.397	11.867	27.280	39.147	-14.853	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:31
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5825MHz

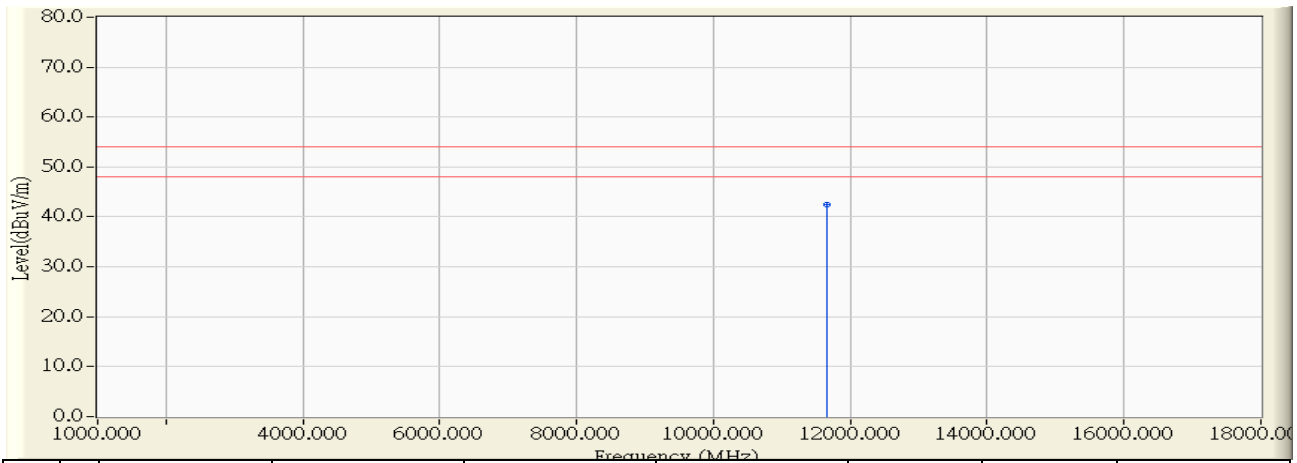


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11654.748	12.062	44.120	56.182	-17.818	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:32
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5825MHz

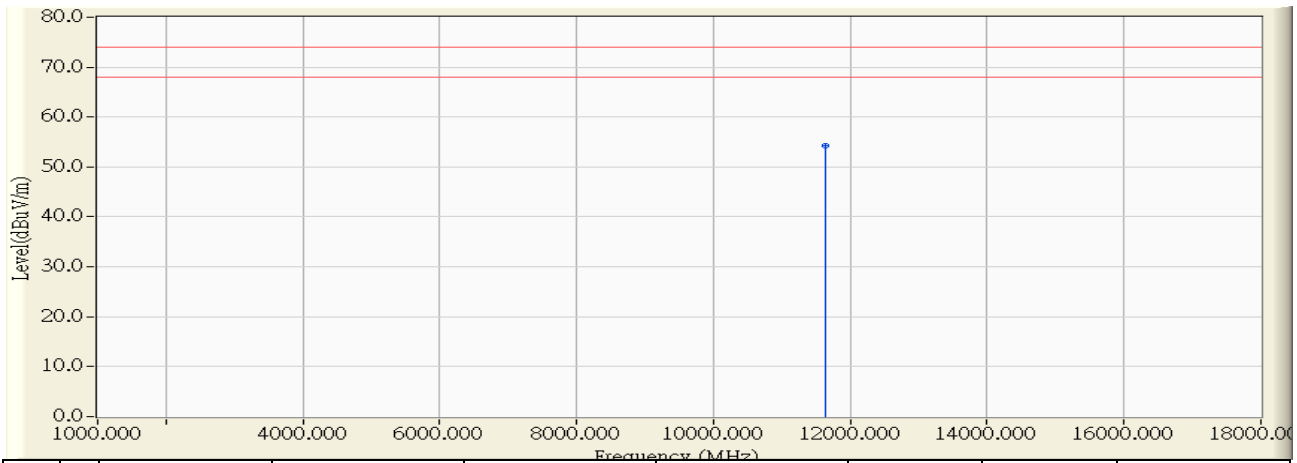


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11649.450	12.069	30.390	42.459	-11.541	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:47
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5825MHz

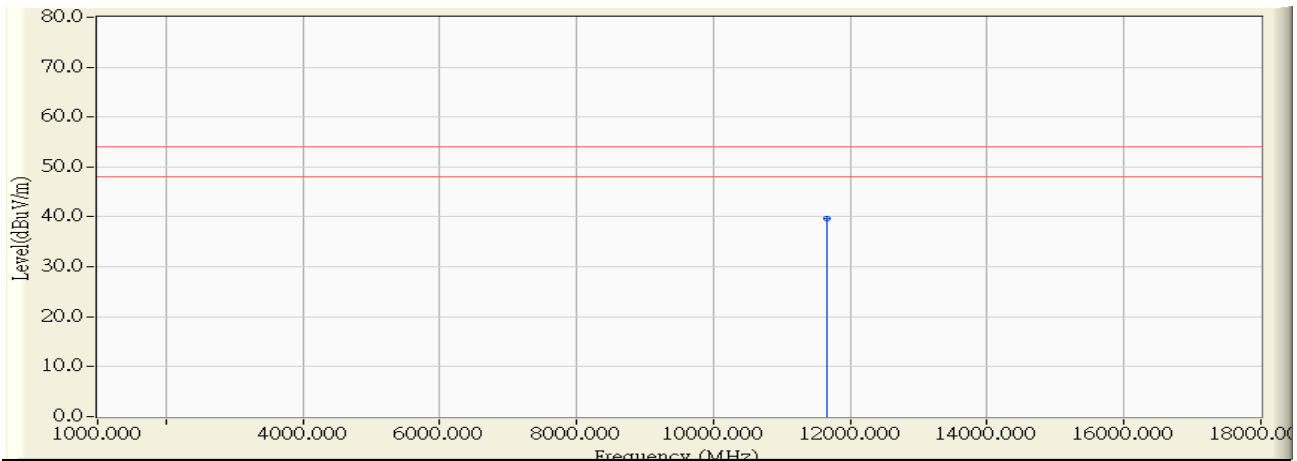


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11646.452	11.740	42.610	54.351	-19.649	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:47
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5825MHz

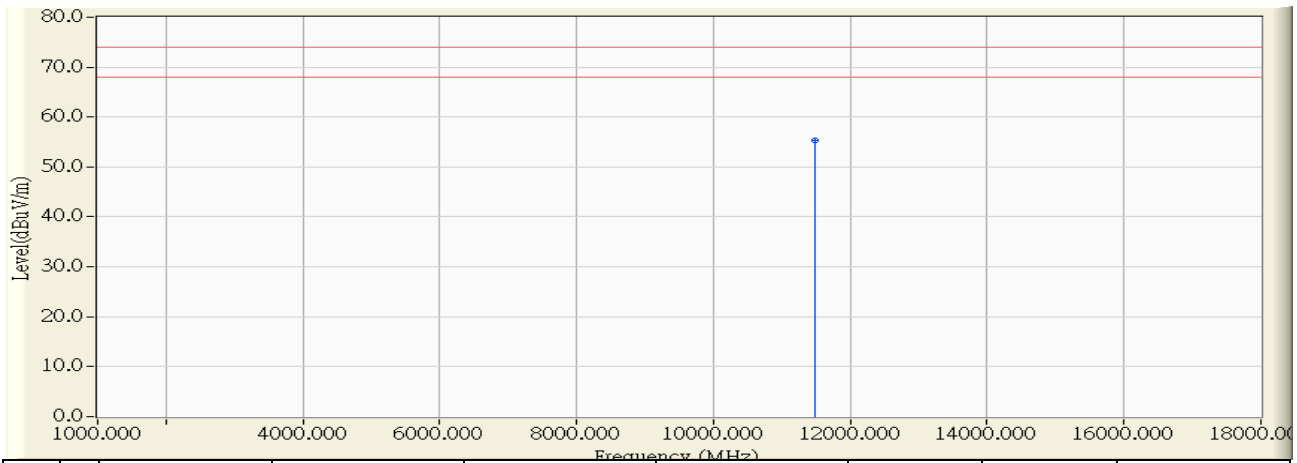


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11651.299	11.732	27.880	39.612	-14.388	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:55
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5745MHz

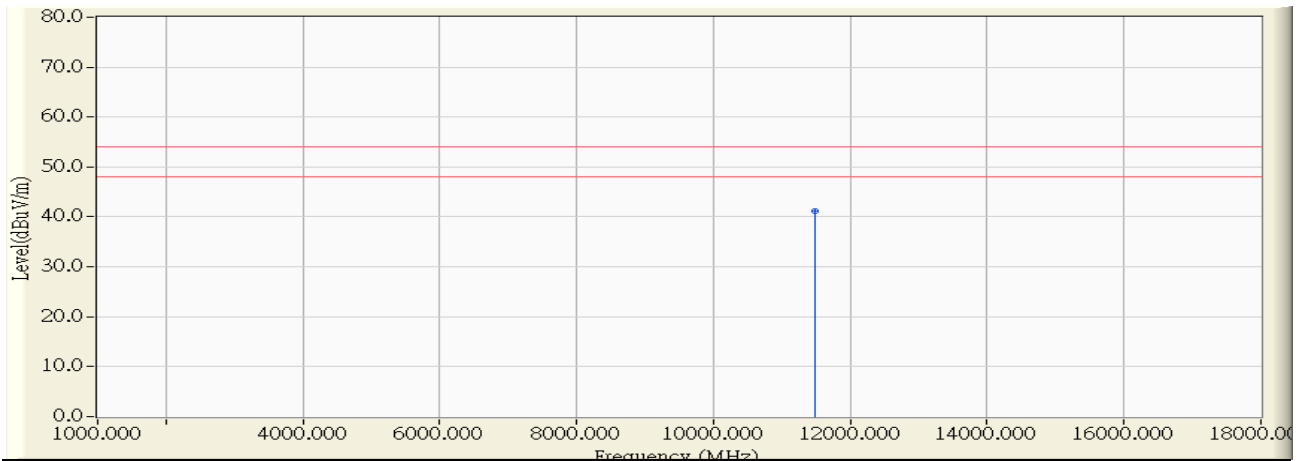


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11489.750	12.273	43.140	55.413	-18.587	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 20:56
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5745MHz

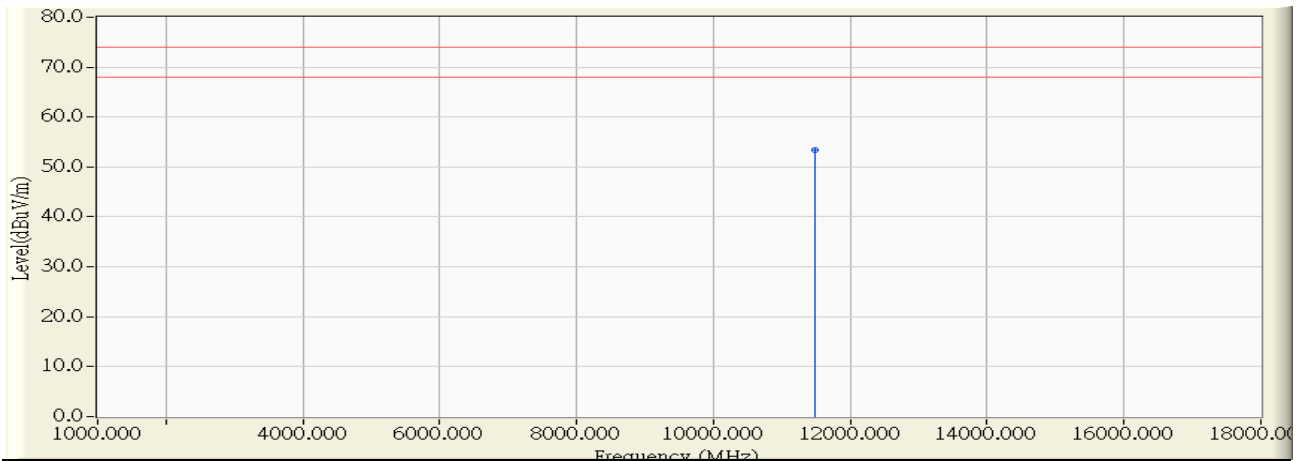


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11490.850	12.271	28.980	41.251	-12.749	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:26
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5745MHz

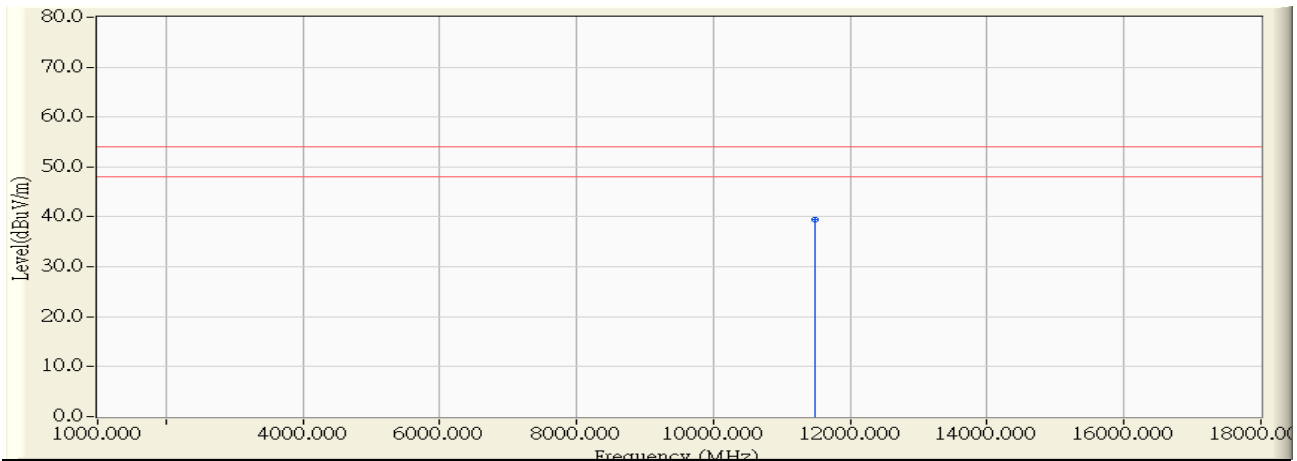


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11487.800	12.022	41.300	53.322	-20.678	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:27
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5745MHz

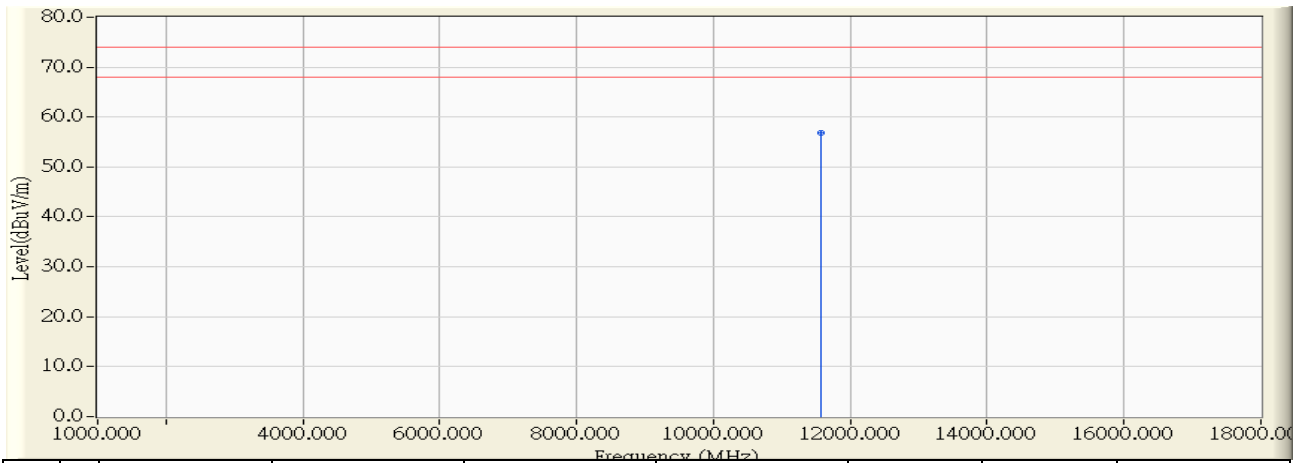


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11489.100	12.021	27.360	39.380	-14.620	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:30
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

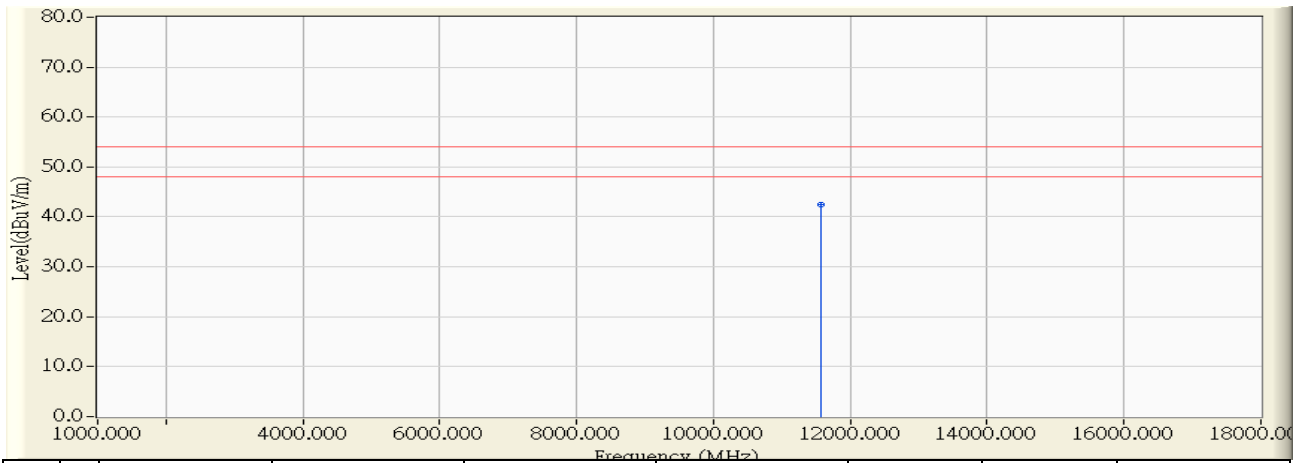


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11568.101	12.172	44.730	56.903	-17.097	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:31
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

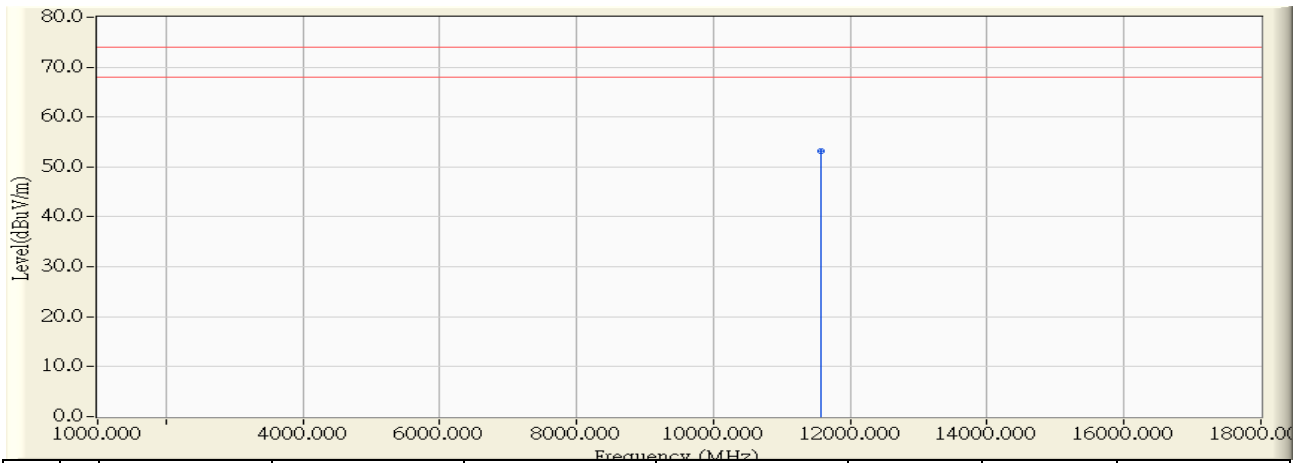


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11569.350	12.171	30.320	42.491	-11.509	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:36
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

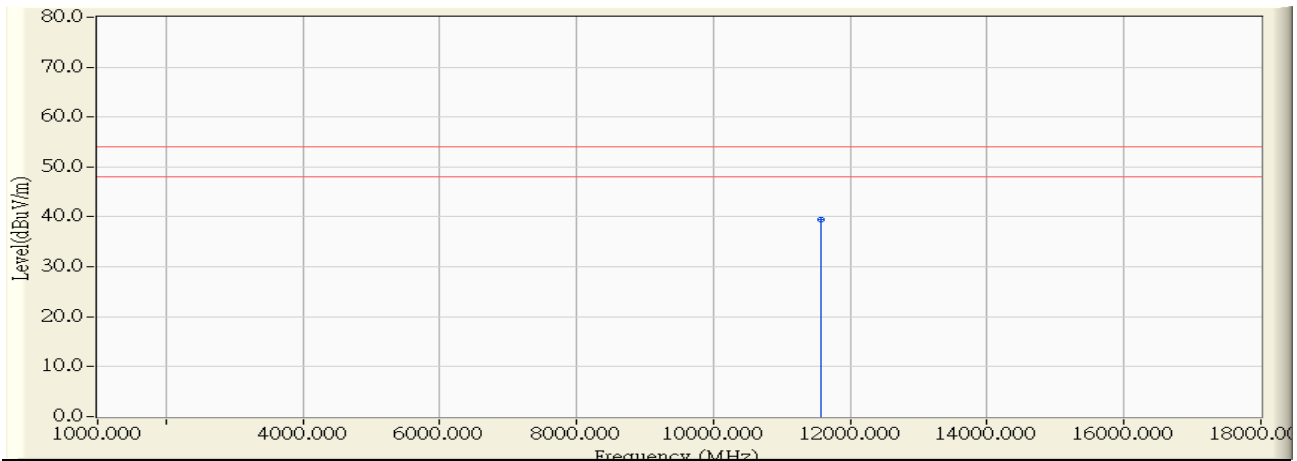


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11571.099	11.875	41.300	53.175	-20.825	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:37
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

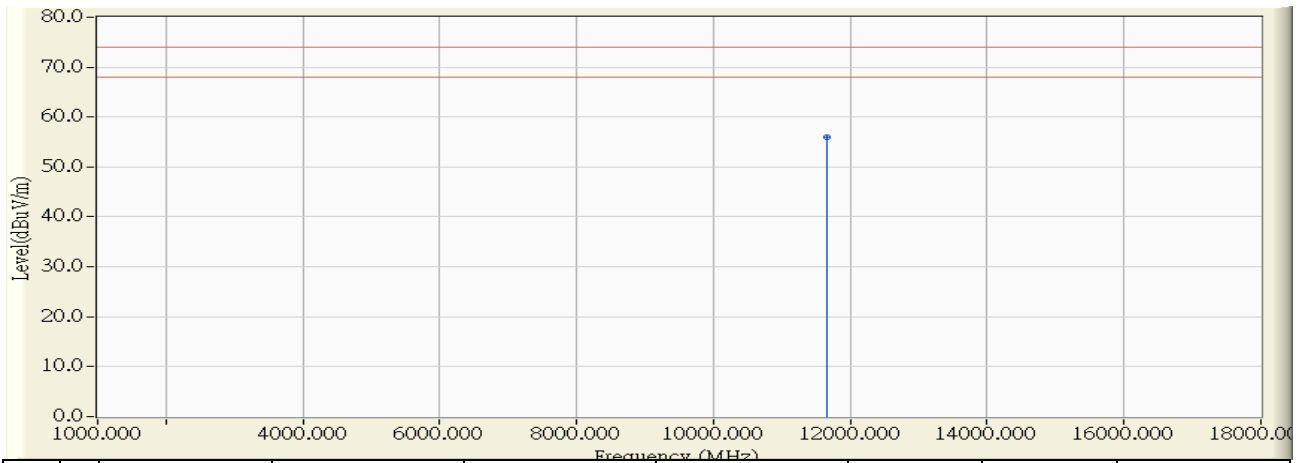


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.750	11.875	27.500	39.375	-14.625	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:41
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

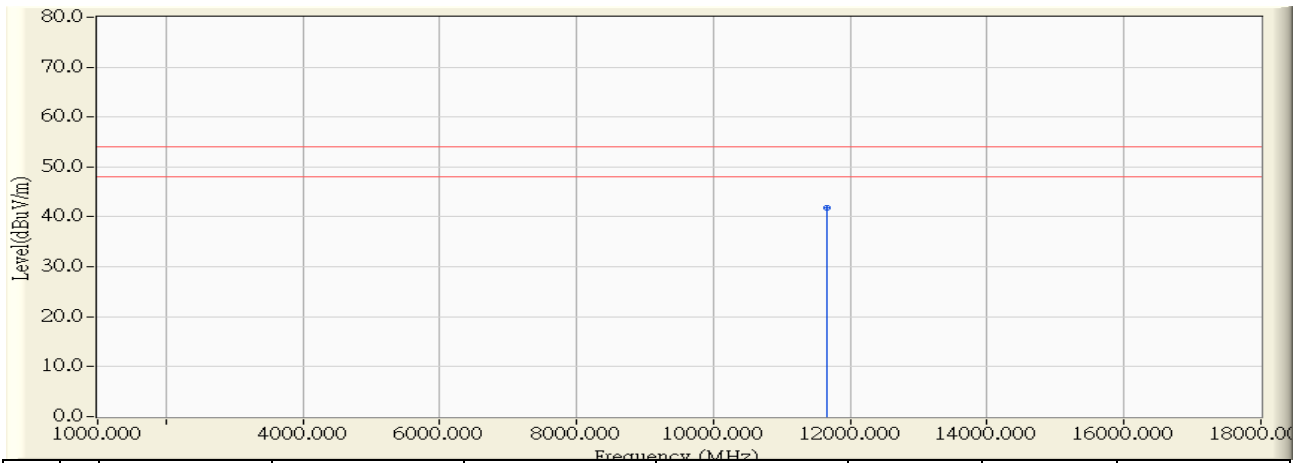


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11648.101	12.070	43.830	55.901	-18.099	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:41
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

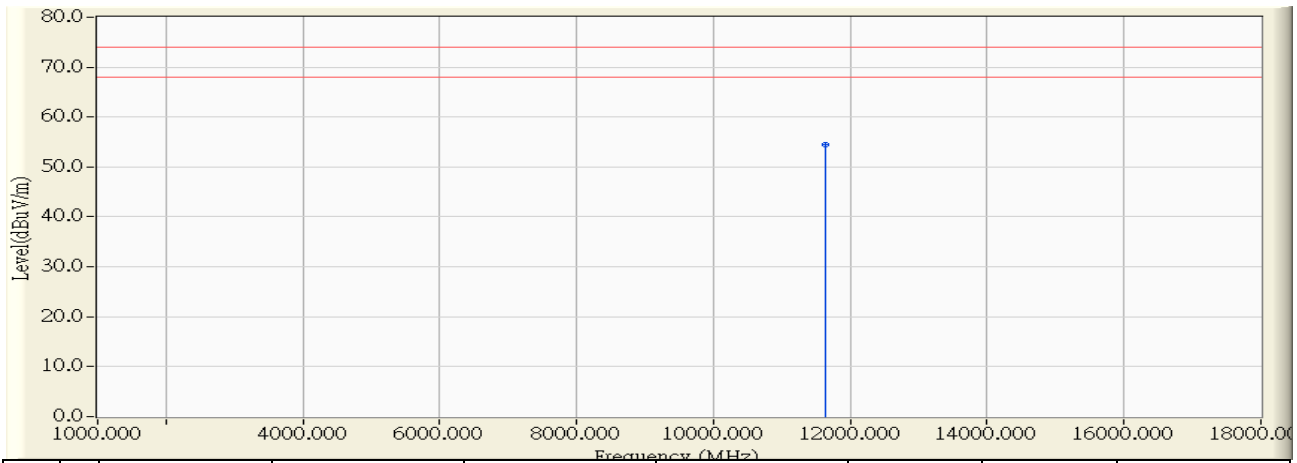


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11648.900	12.070	29.830	41.899	-12.101	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:47
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

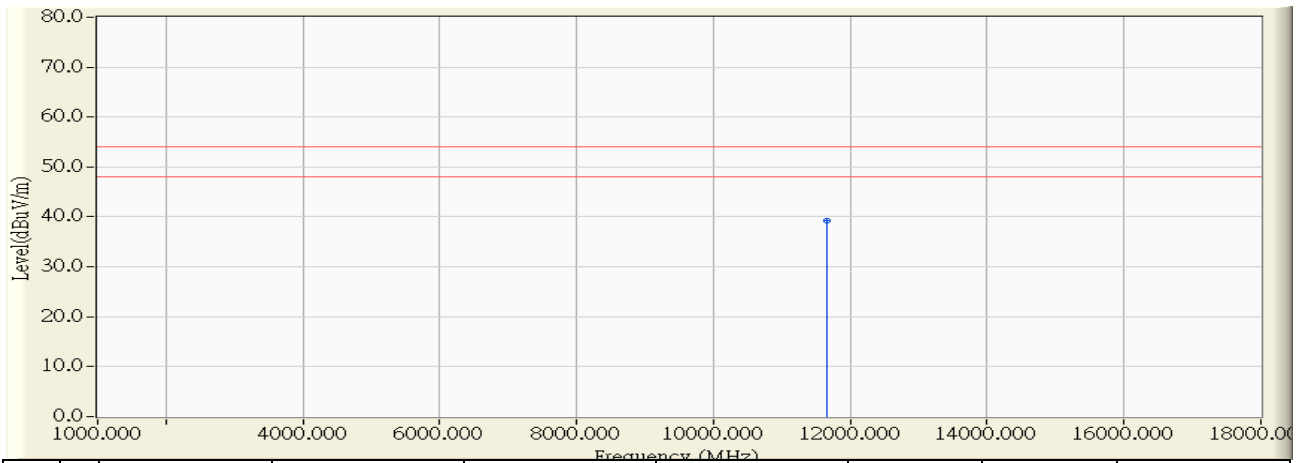


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11643.903	11.745	42.750	54.495	-19.505	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:48
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz

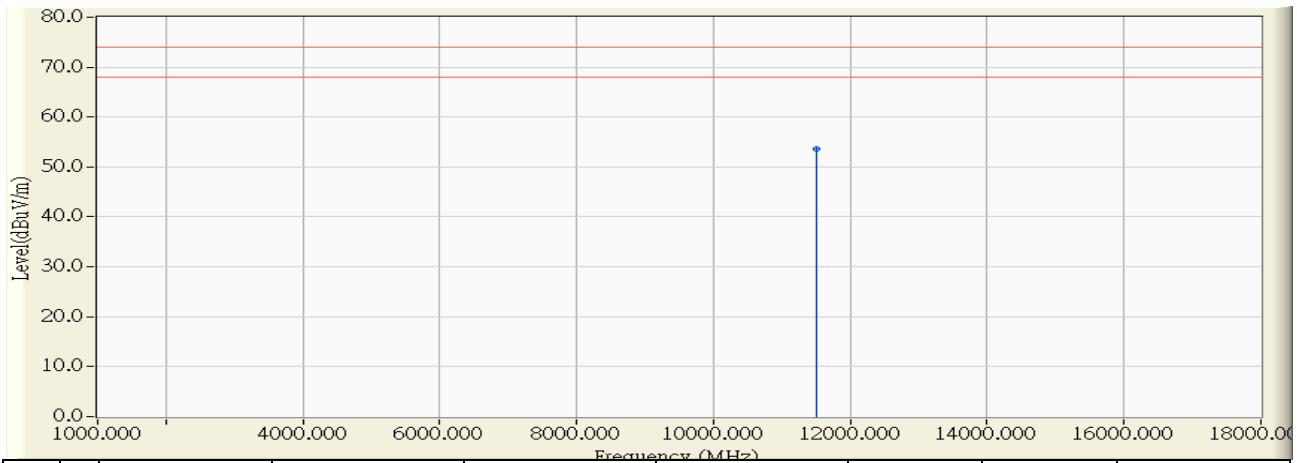


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11651.449	11.732	27.430	39.162	-14.838	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:52
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5755MHz

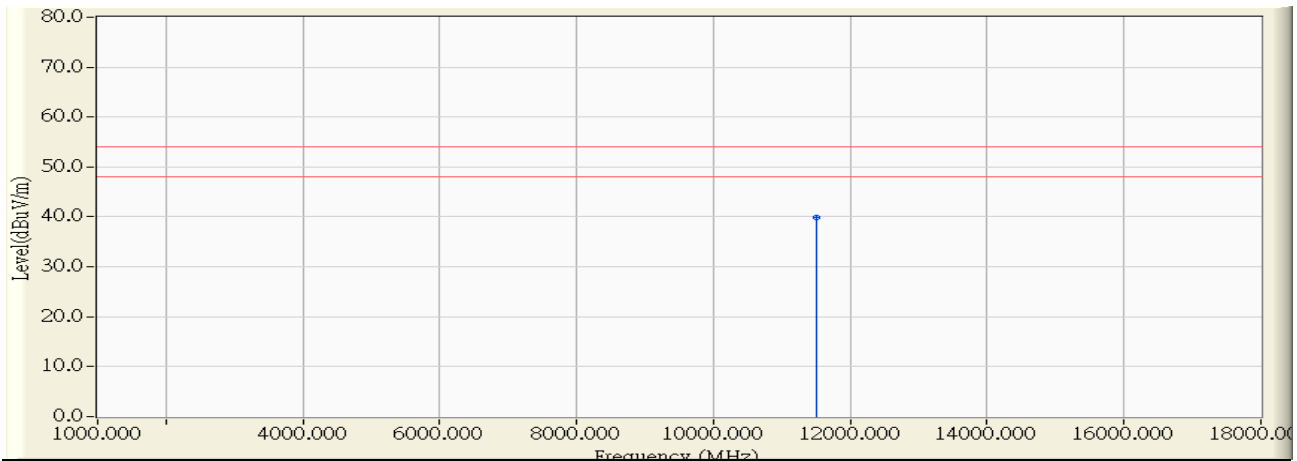


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11500.605	12.259	41.380	53.639	-20.361	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:53
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5755MHz

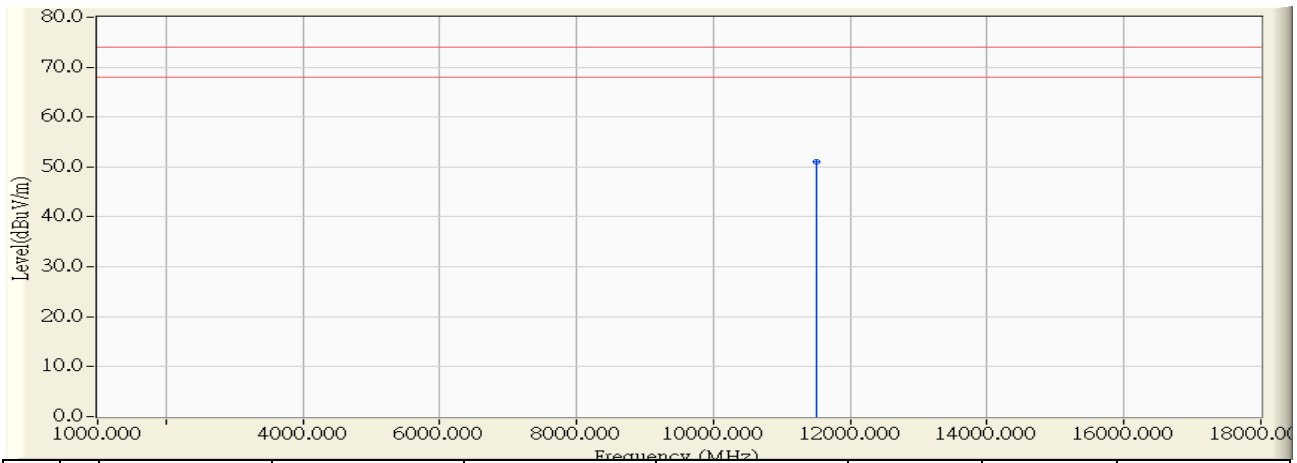


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11501.304	12.258	27.610	39.868	-14.132	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 21:58
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5755MHz

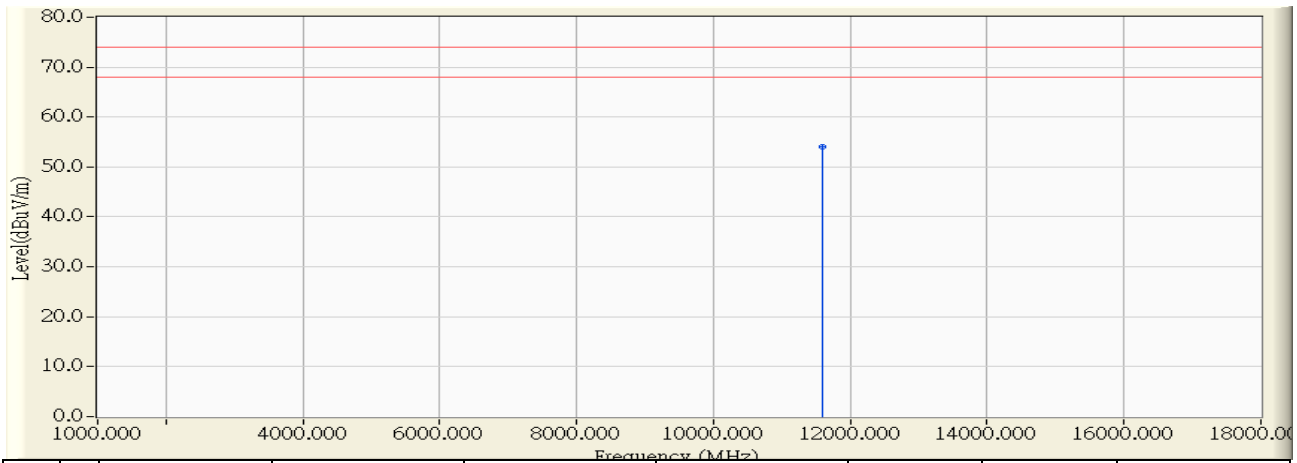


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11503.553	11.995	39.110	51.105	-22.895	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 22:01
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz

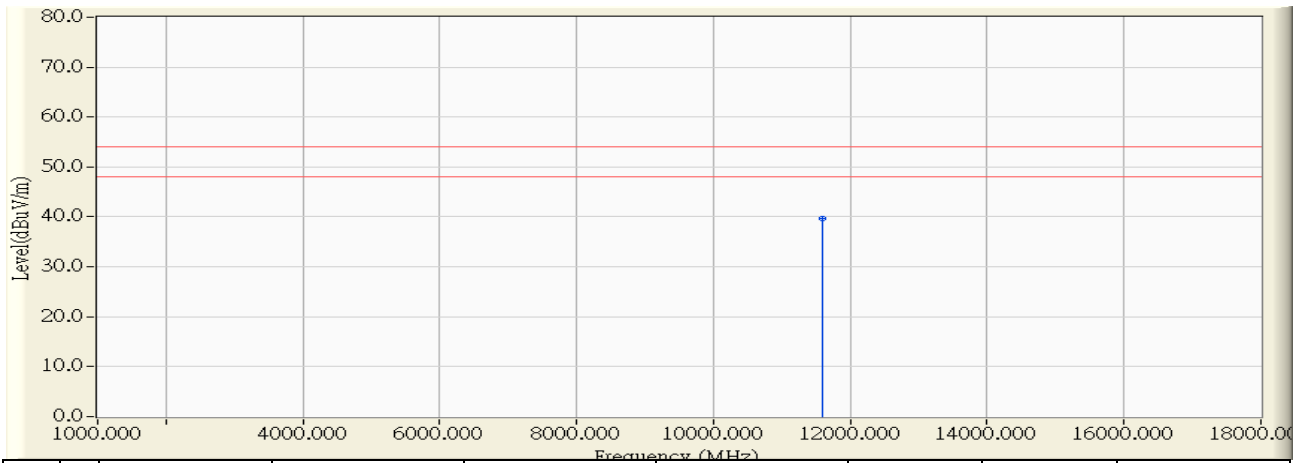


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11590.350	12.145	41.840	53.984	-20.016	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 22:02
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz

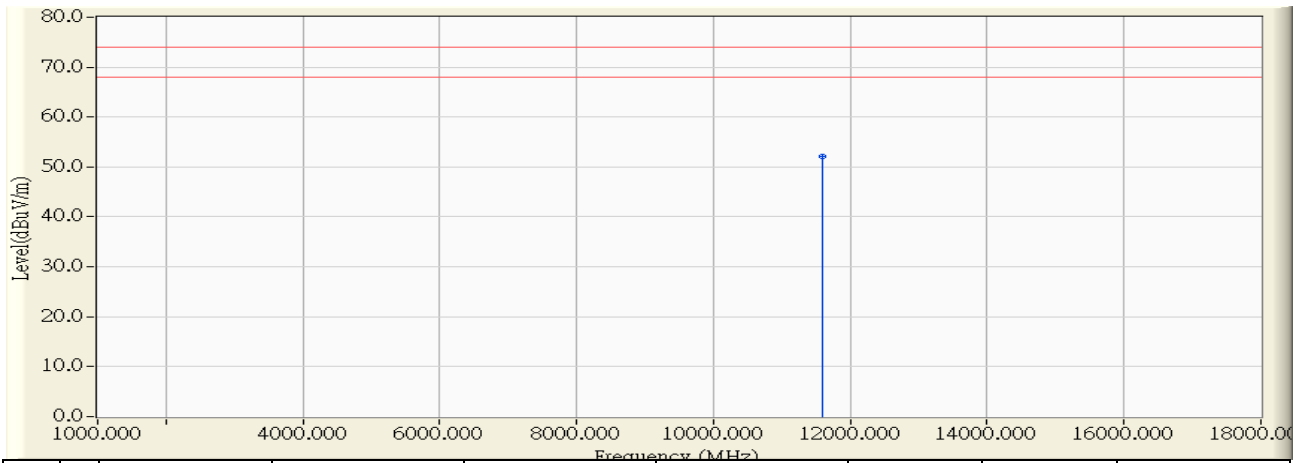


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11590.250	12.145	27.620	39.764	-14.236	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 22:09
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz

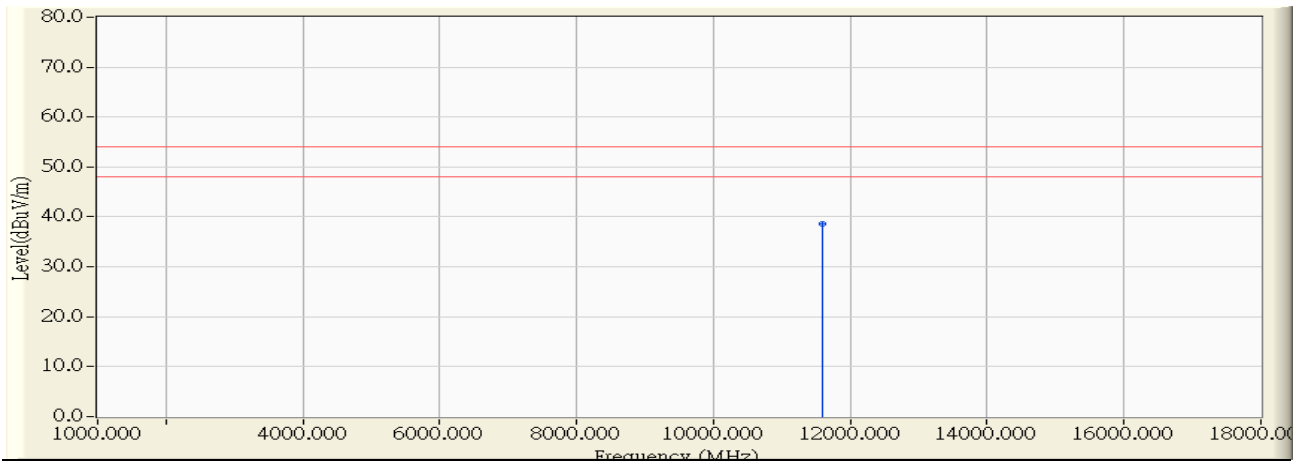


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11590.110	11.842	40.370	52.211	-21.789	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 22:09
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz

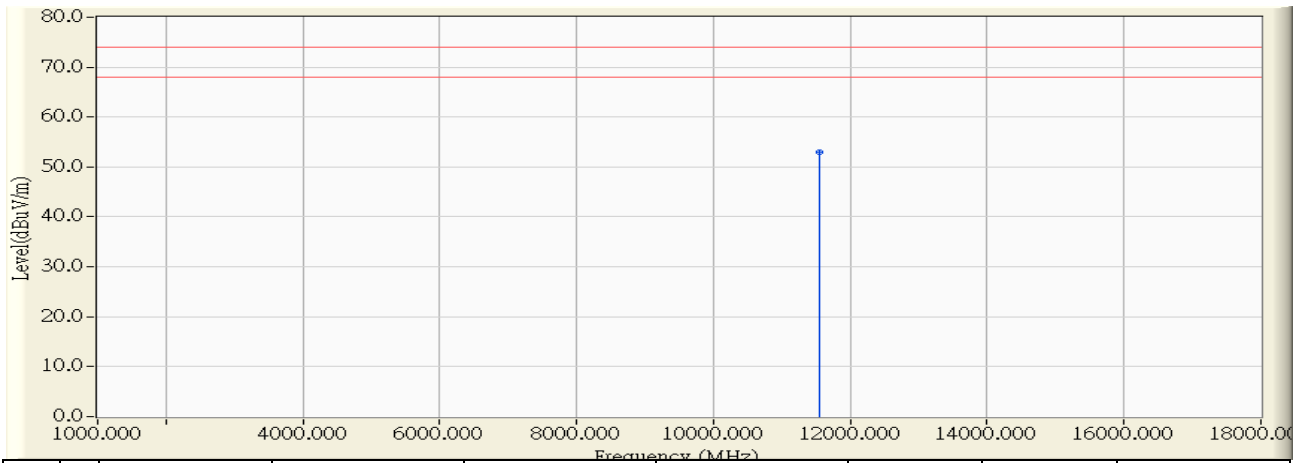


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11589.150	11.843	26.830	38.673	-15.327	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 22:12
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

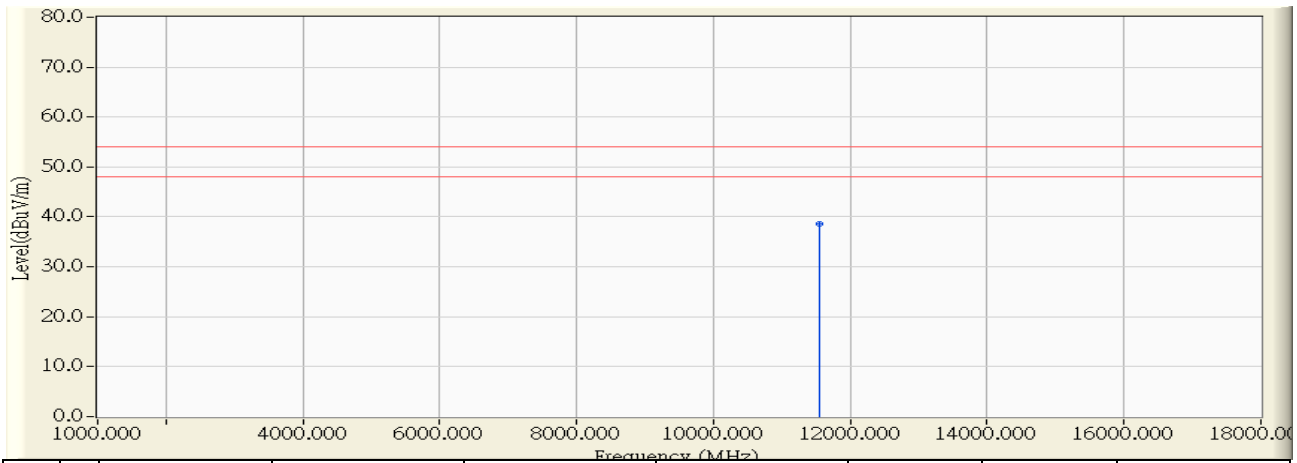


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11542.154	12.205	40.860	53.066	-20.934	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 22:13
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

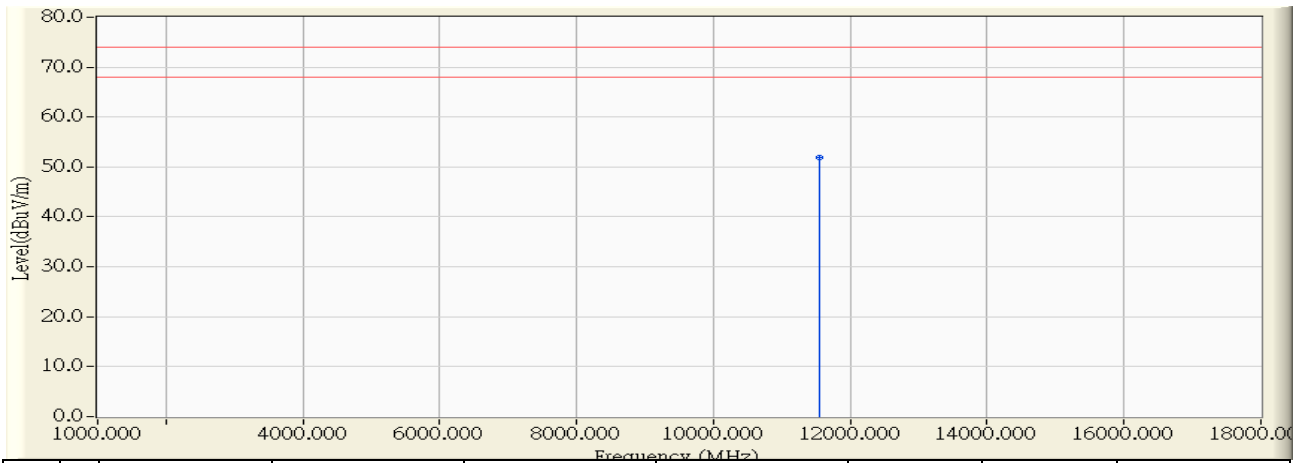


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11541.104	12.207	26.300	38.507	-15.493	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 22:19
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

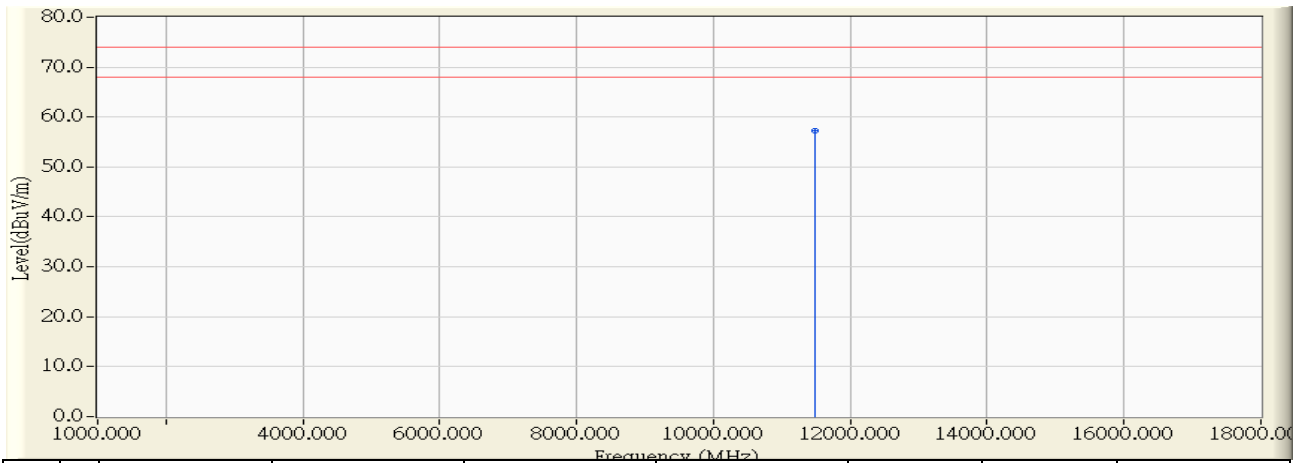


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11547.450	11.917	39.930	51.847	-22.153	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:08
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5745MHz

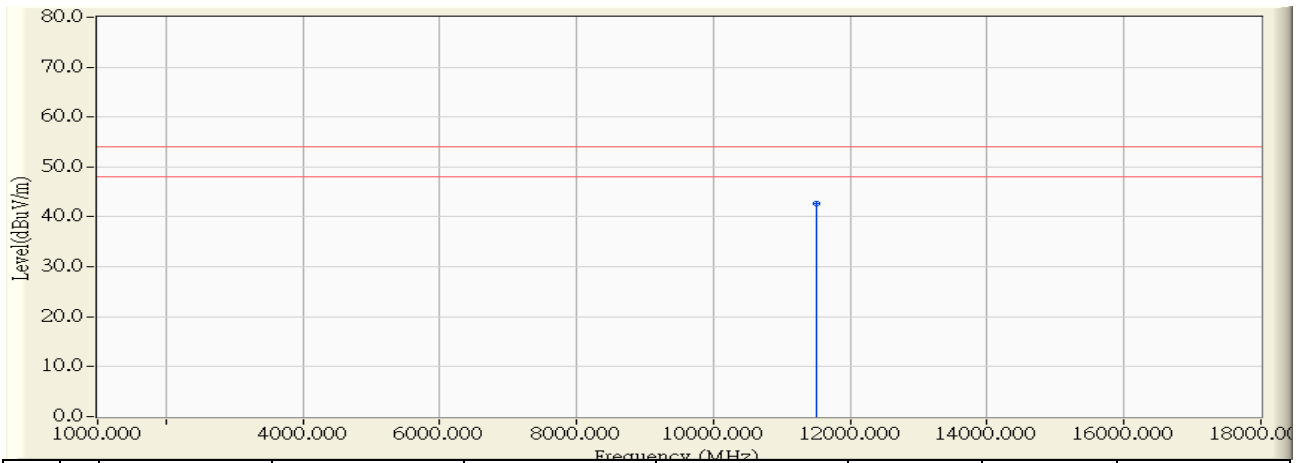


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11484.653	12.278	45.000	57.278	-16.722	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:08
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5745MHz

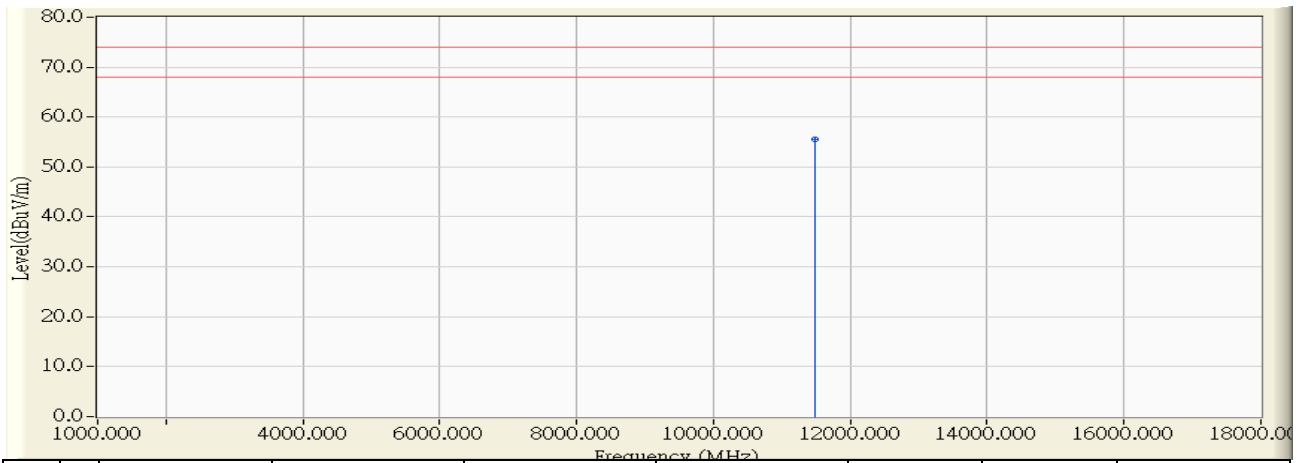


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11494.848	12.266	30.480	42.746	-11.254	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:18
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5745MHz

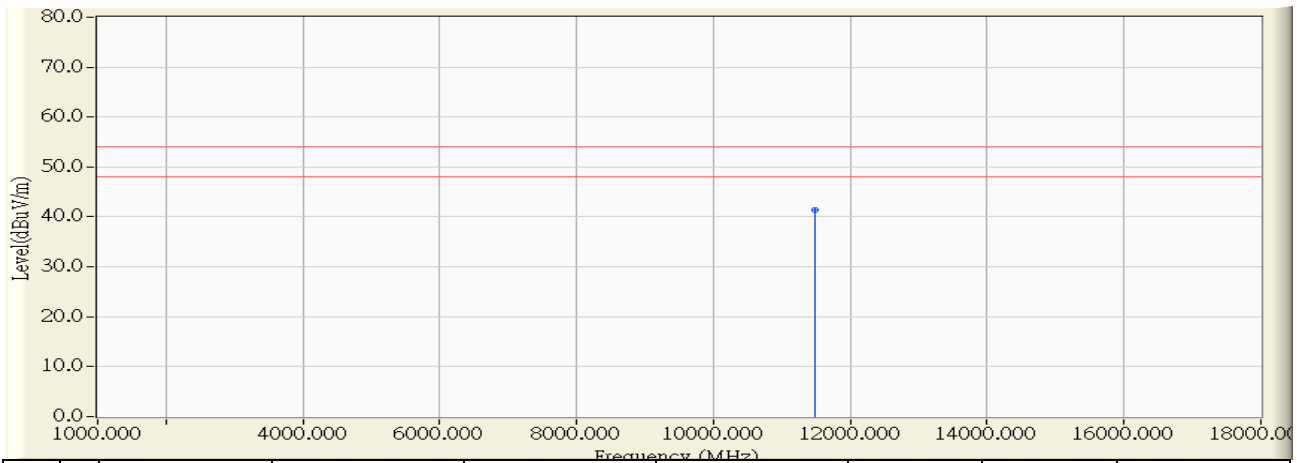


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11485.770	12.025	43.630	55.655	-18.345	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:18
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5745MHz

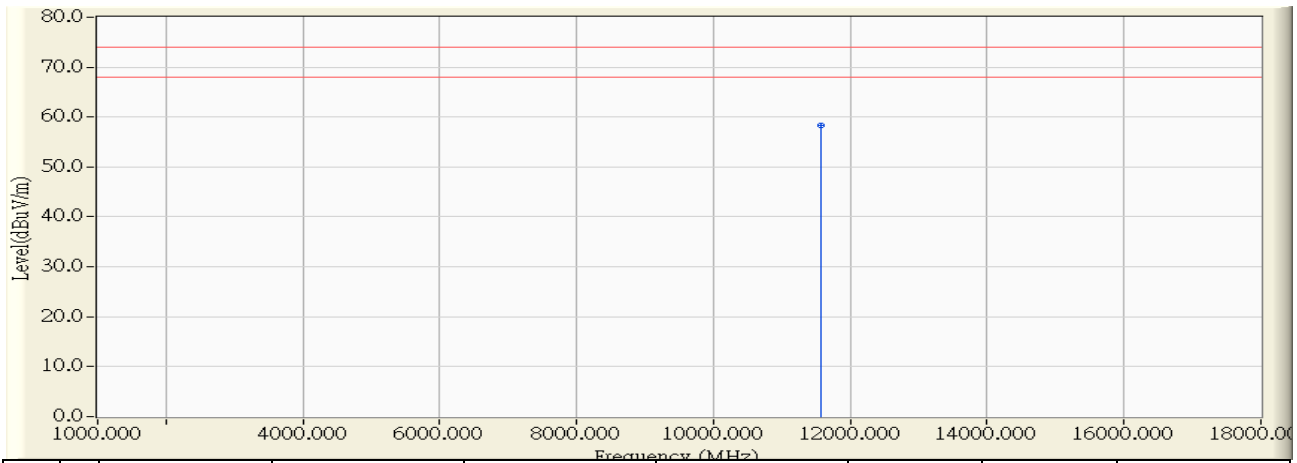


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11486.012	12.025	29.390	41.415	-12.585	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:27
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz

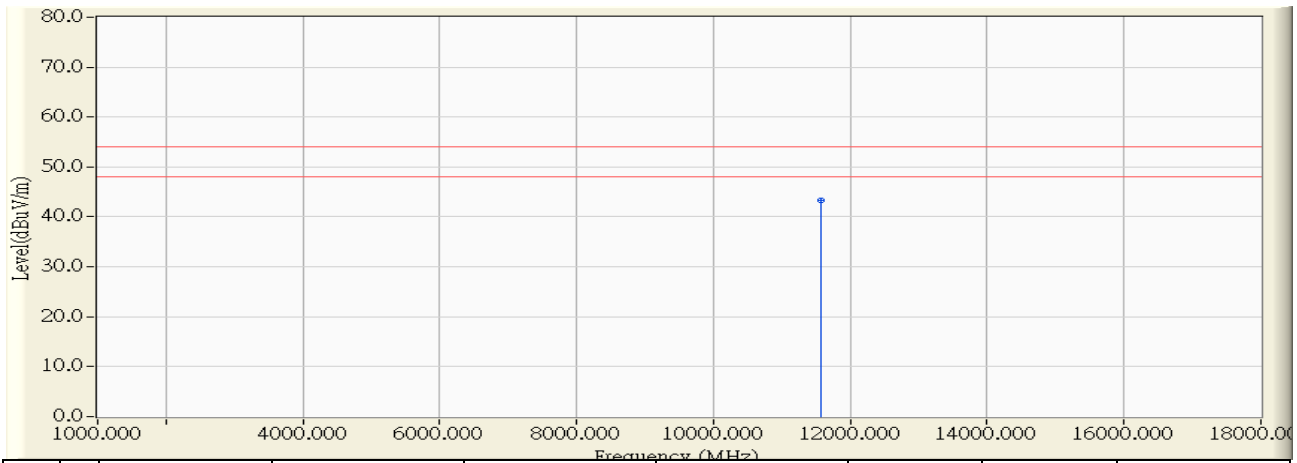


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11565.022	12.177	46.120	58.297	-15.703	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:27
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz

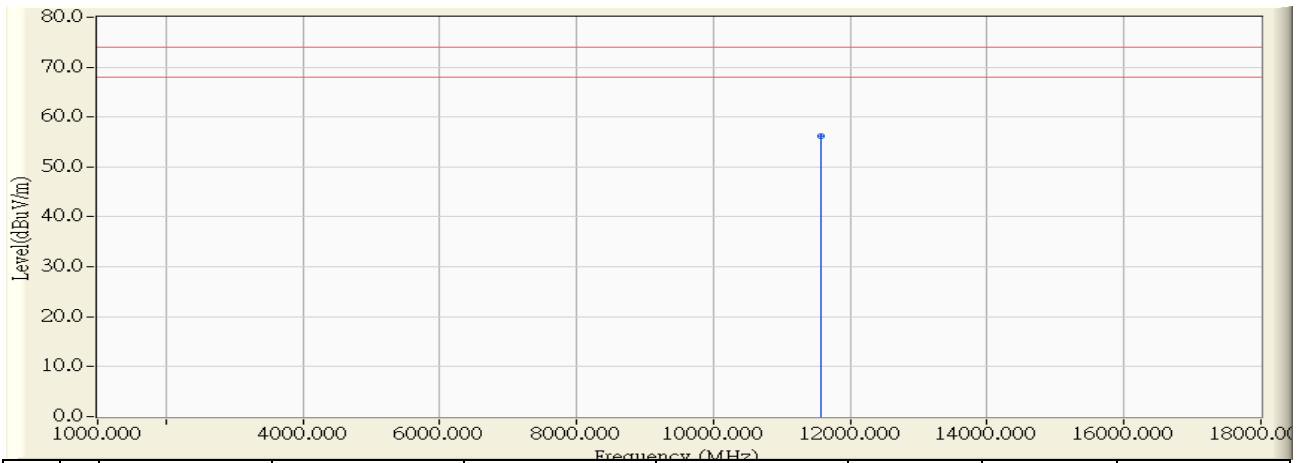


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11575.007	12.164	31.260	43.424	-10.576	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:37
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz

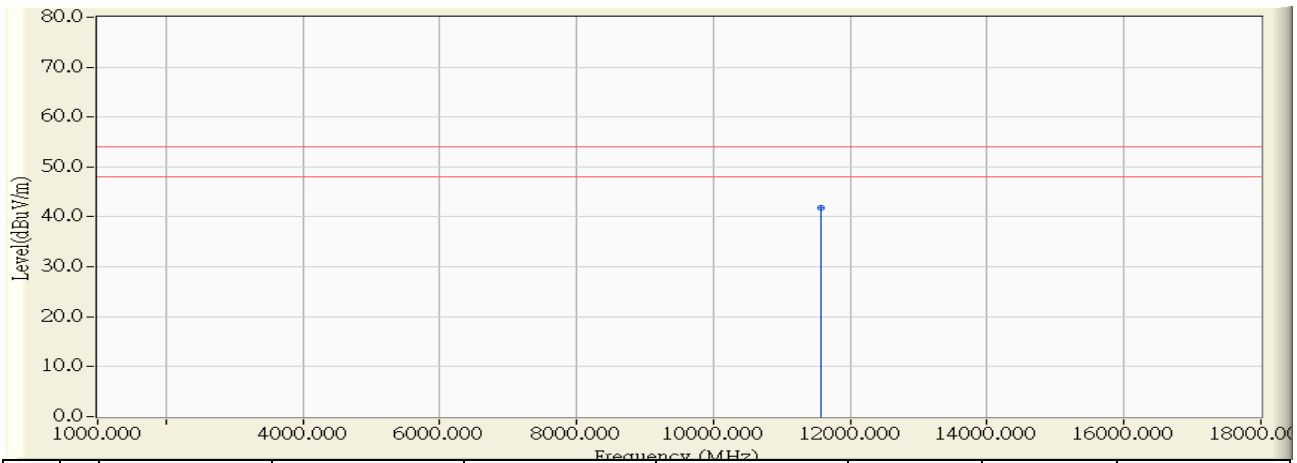


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.630	11.875	44.420	56.296	-17.704	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:37
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz

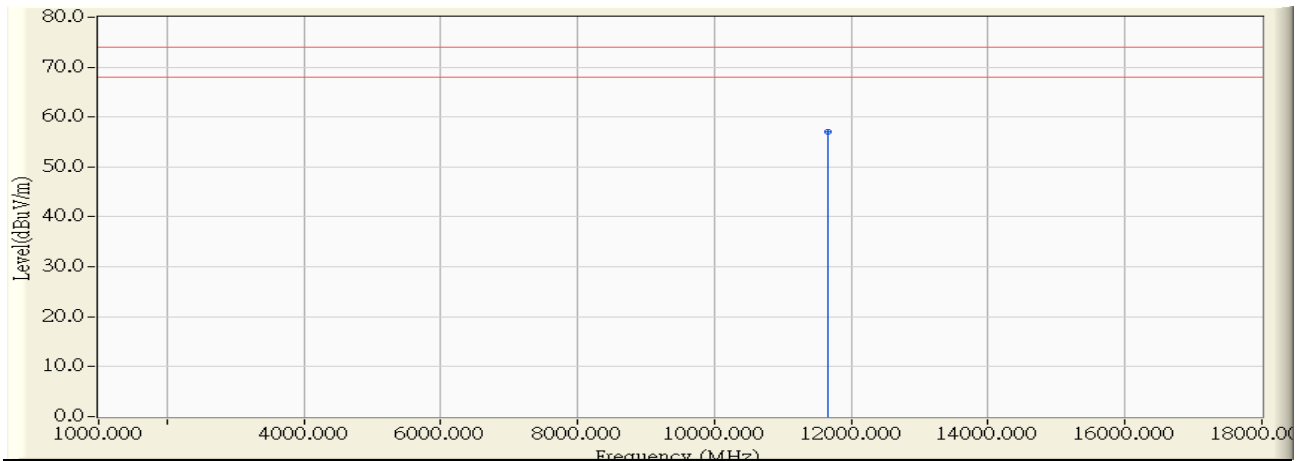


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11566.850	11.882	29.990	41.872	-12.128	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:44
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5825MHz

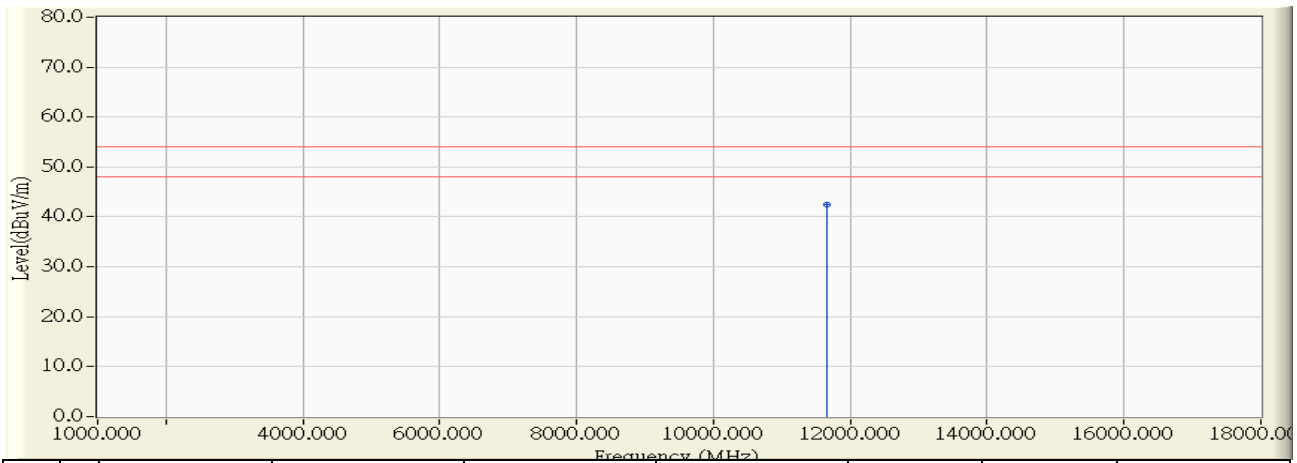


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11651.229	12.067	45.050	57.117	-16.883	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:44
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5825MHz

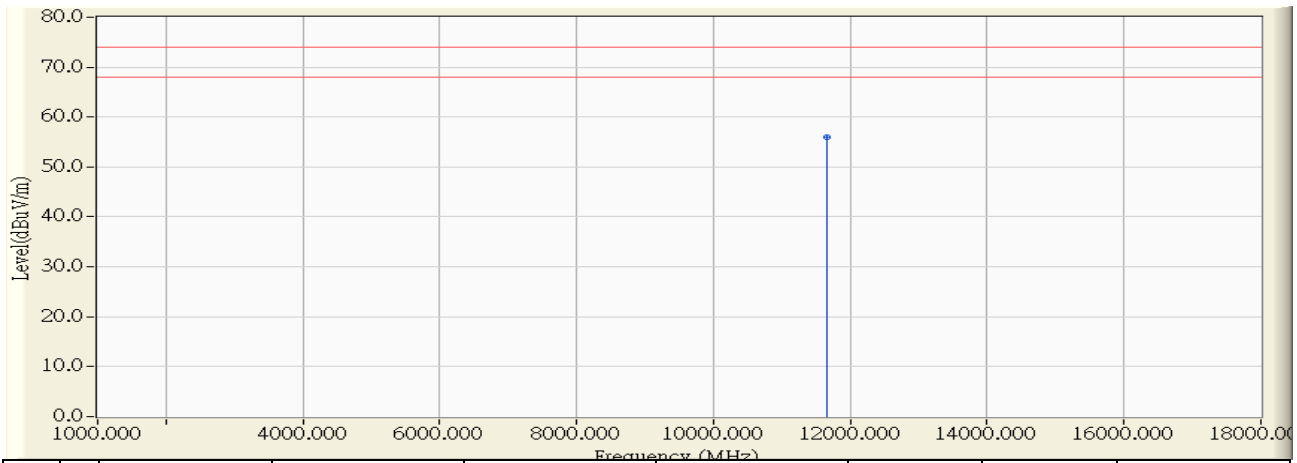


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.990	12.066	30.470	42.537	-11.463	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:56
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5825MHz

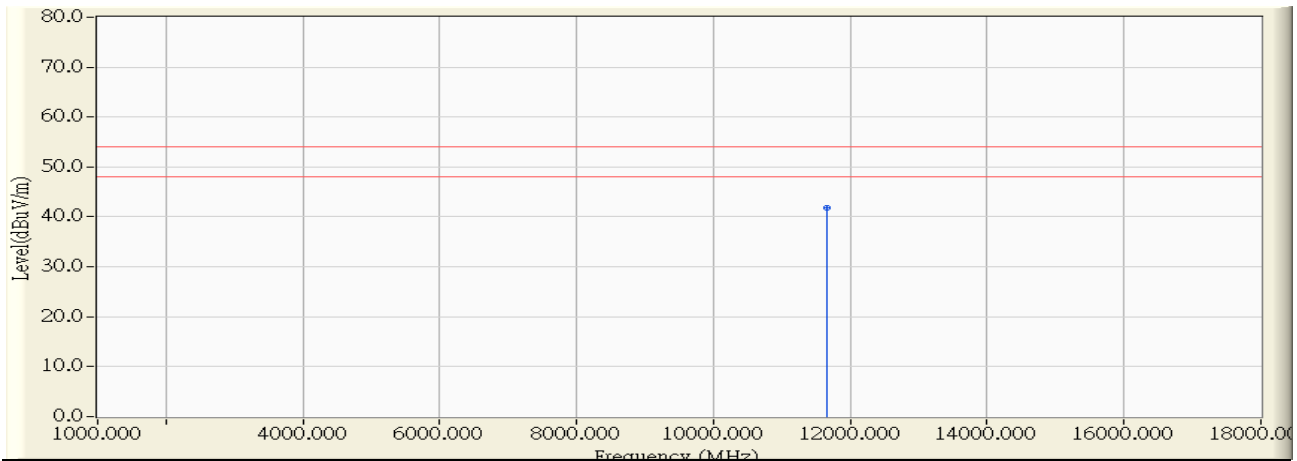


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11657.856	11.720	44.200	55.921	-18.079	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 16:57
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5825MHz

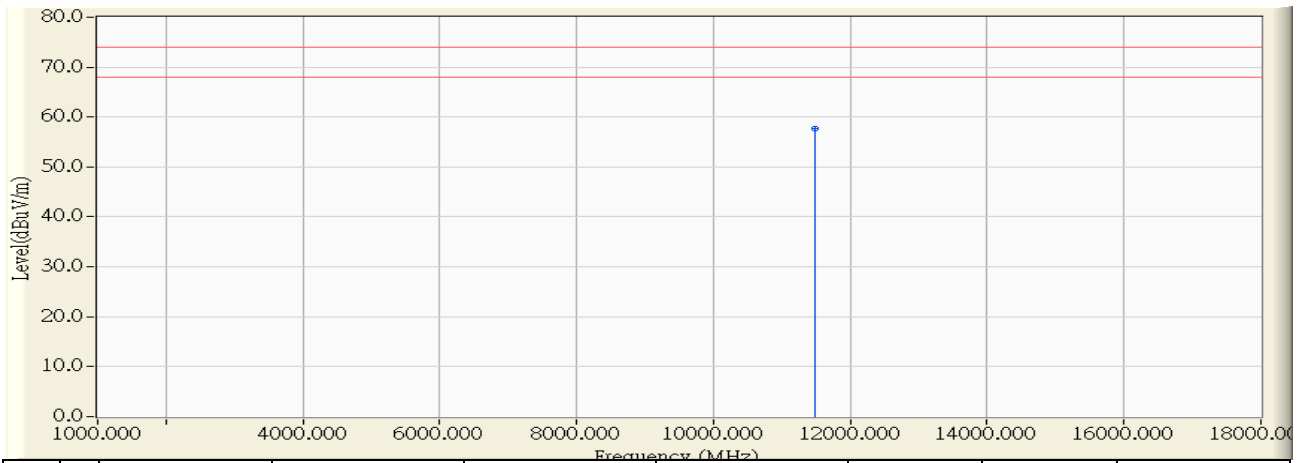


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11648.601	11.737	30.130	41.867	-12.133	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:05
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5745MHz

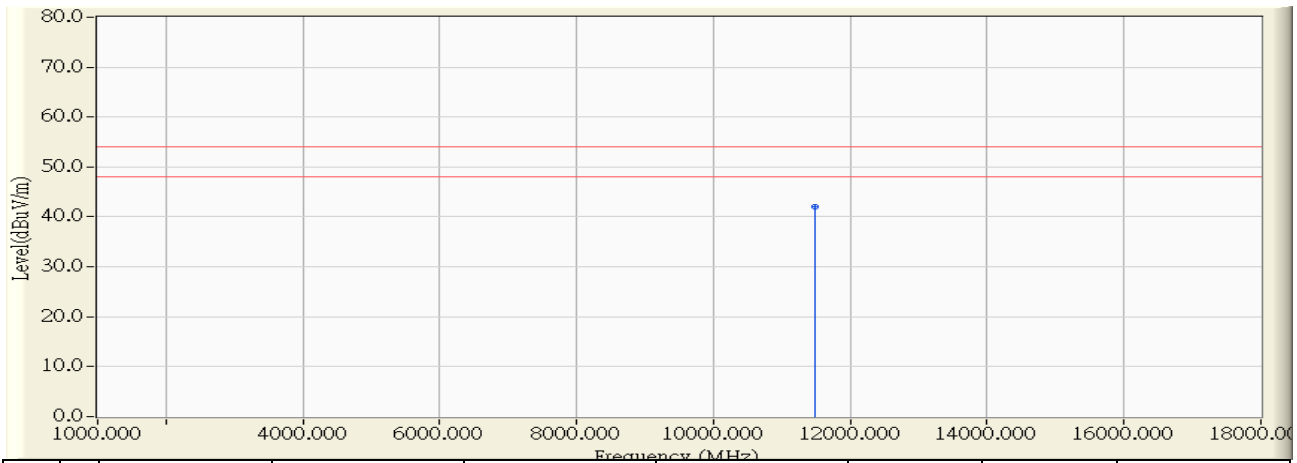


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11482.744	12.280	45.430	57.709	-16.291	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:08
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5745MHz

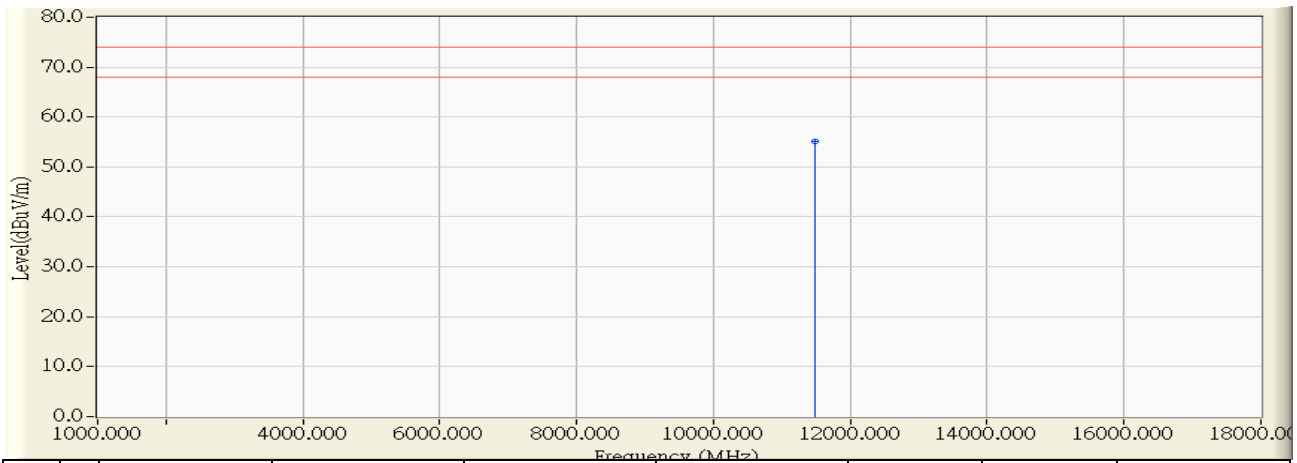


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11483.103	12.279	29.760	42.039	-11.961	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:14
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_ 5745MHz

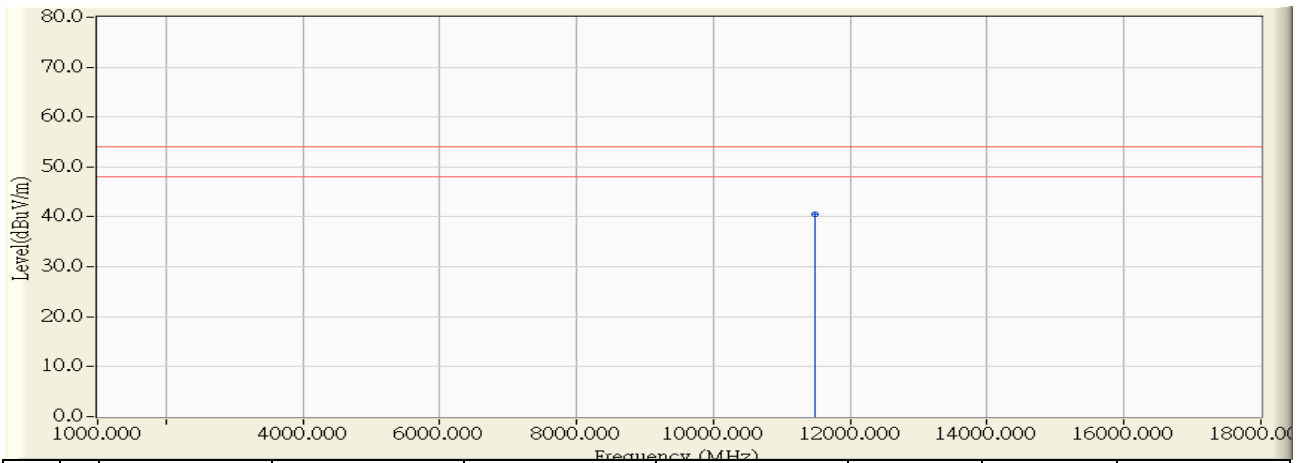


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11484.483	12.027	43.070	55.097	-18.903	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:15
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5745MHz

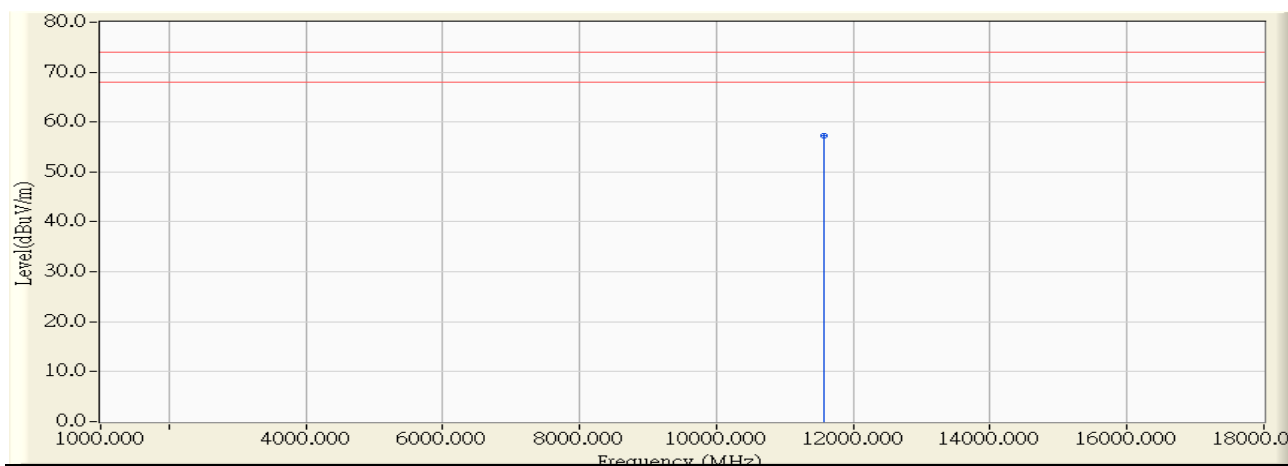


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11485.232	12.026	28.560	40.586	-13.414	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:20
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5785MHz

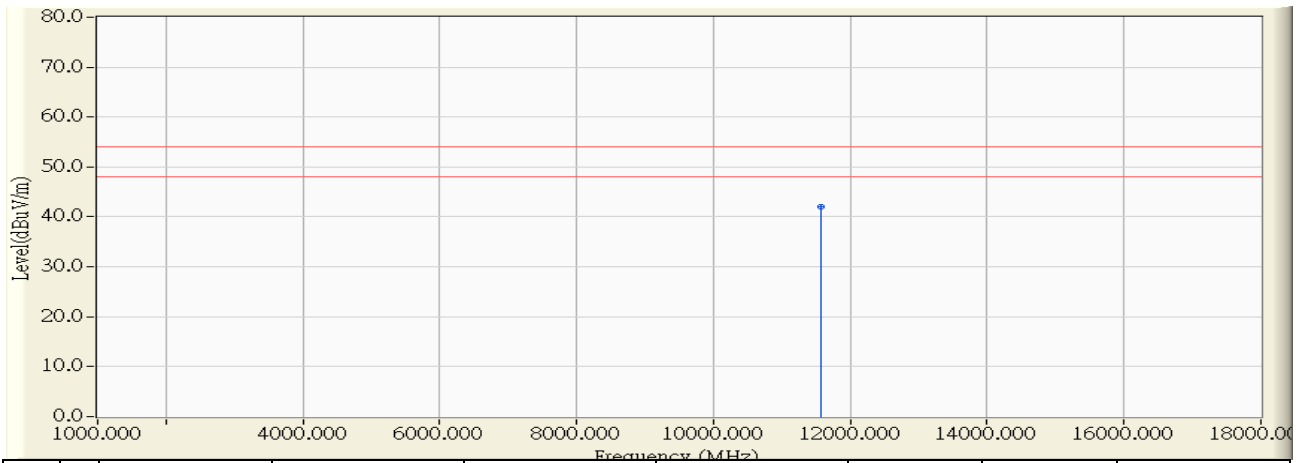


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11559.865	12.184	45.030	57.213	-16.787	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:20
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5785MHz

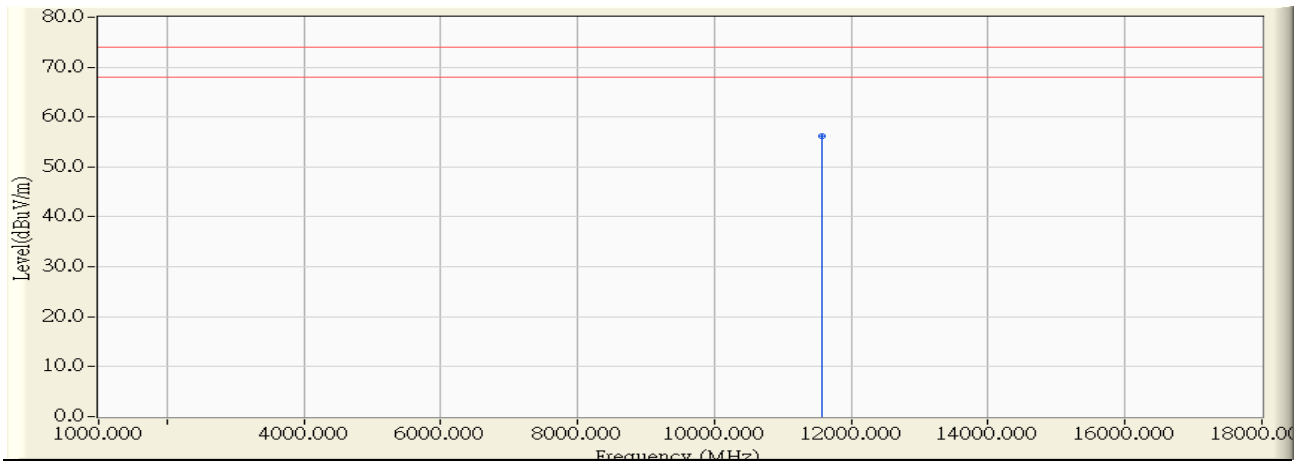


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11570.150	12.170	29.840	42.010	-11.990	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:27
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5785MHz

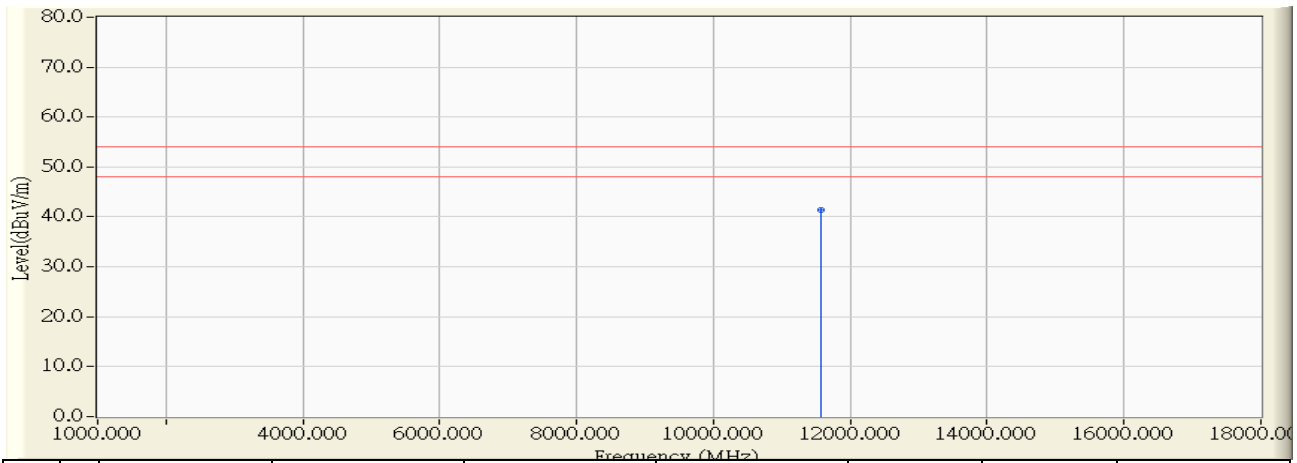


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11565.742	11.884	44.320	56.204	-17.796	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:28
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5785MHz

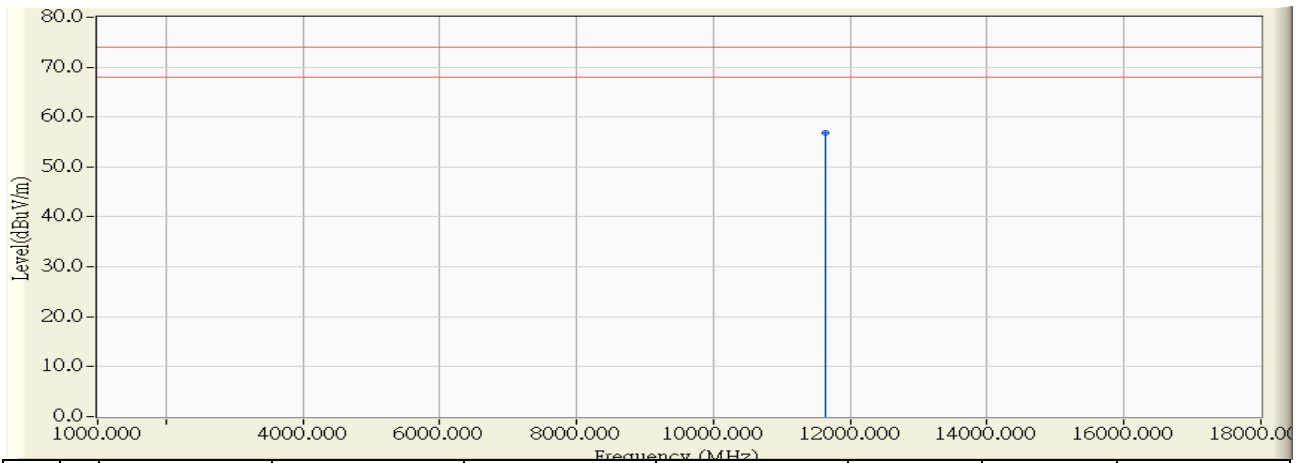


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11565.412	11.885	29.530	41.415	-12.585	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:36
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5825MHz

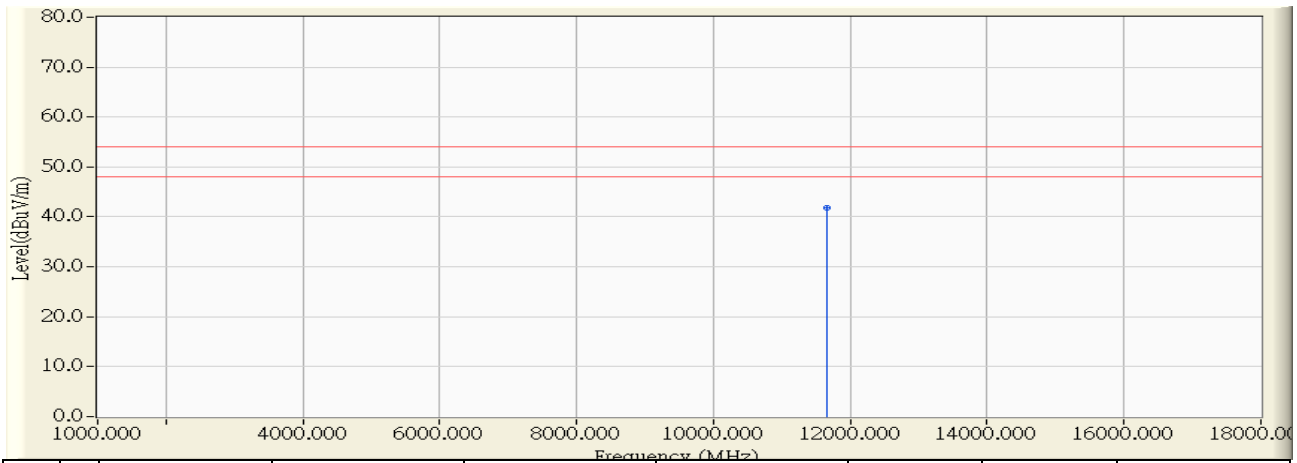


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11641.154	12.079	44.710	56.789	-17.211	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:37
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5825MHz

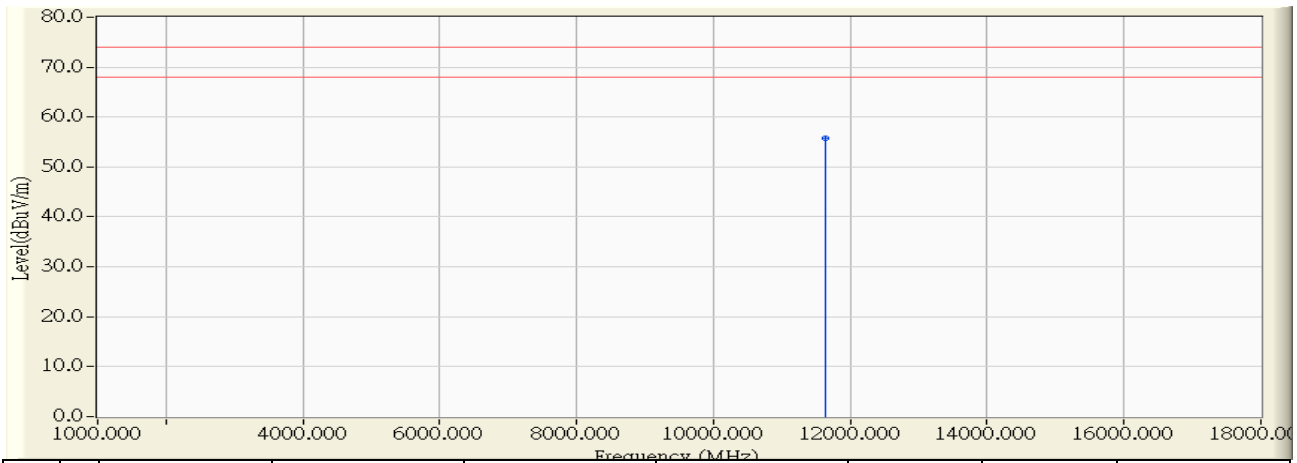


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11650.690	12.066	29.840	41.907	-12.093	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:41
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5825MHz

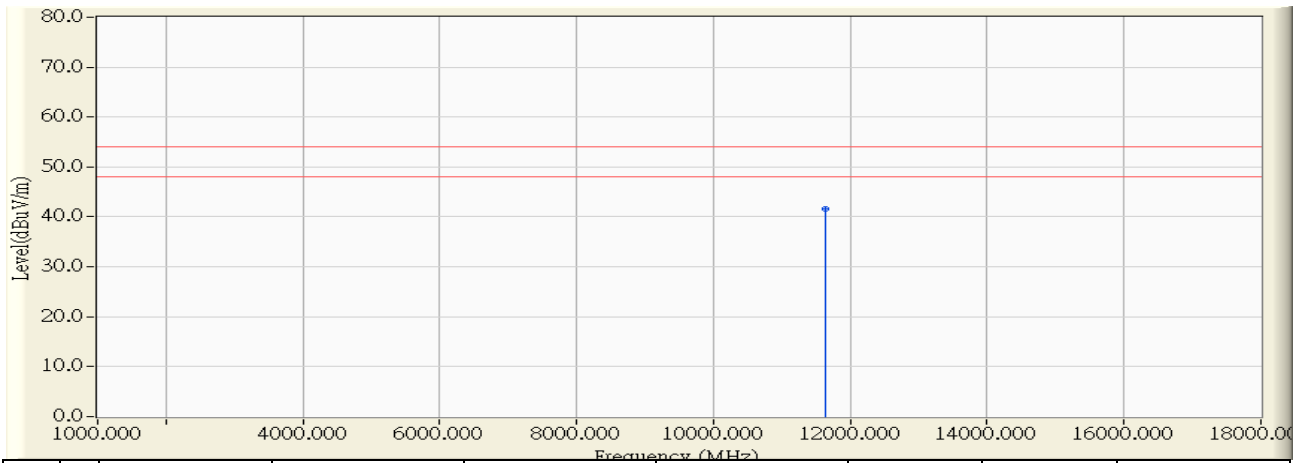


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11644.360	11.745	43.950	55.695	-18.305	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 17:42
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5825MHz

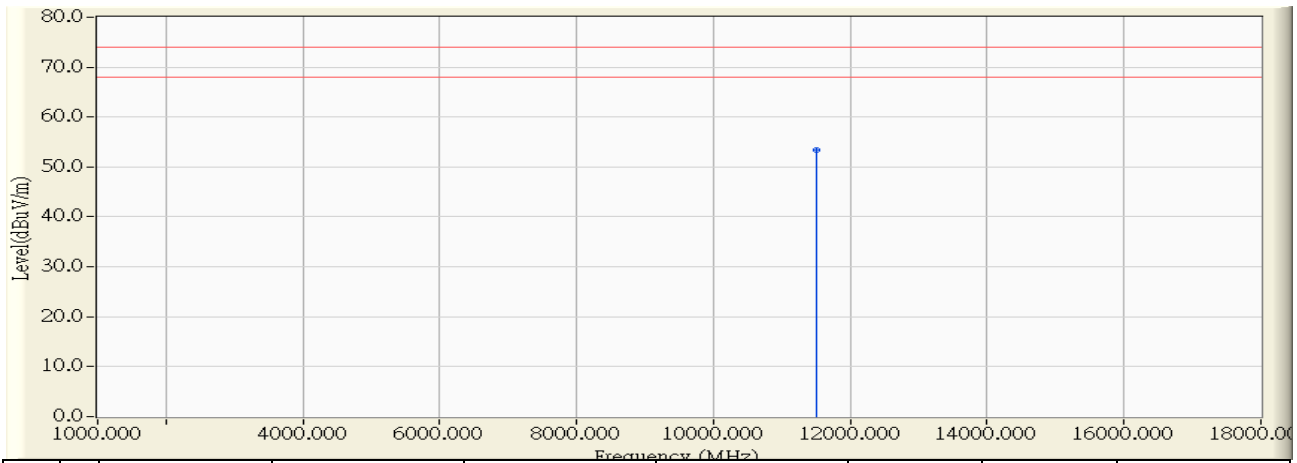


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11645.382	11.743	29.940	41.683	-12.317	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 18:39
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5755MHz

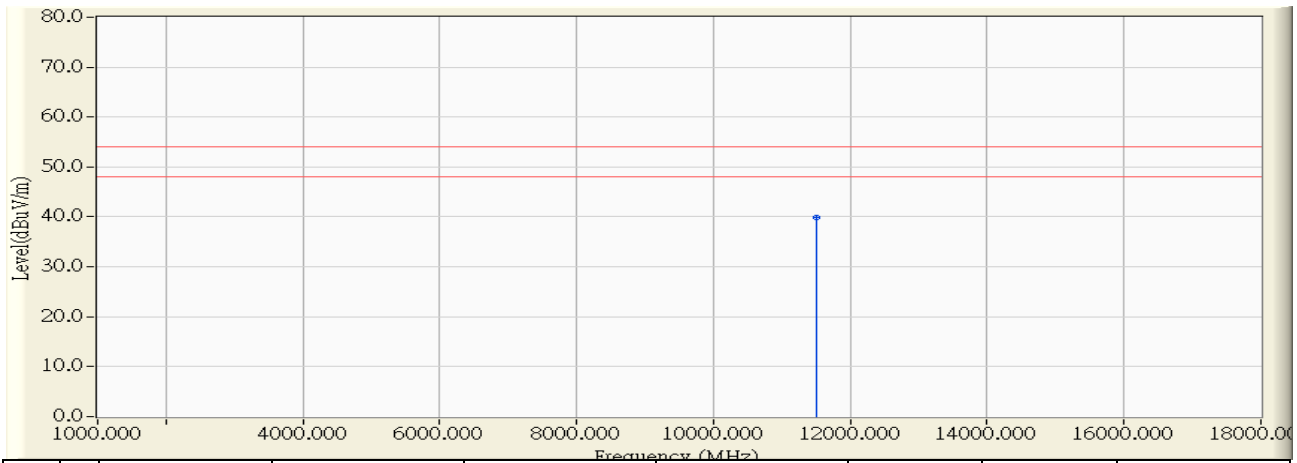


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11500.855	12.258	41.130	53.388	-20.612	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 18:39
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5755MHz

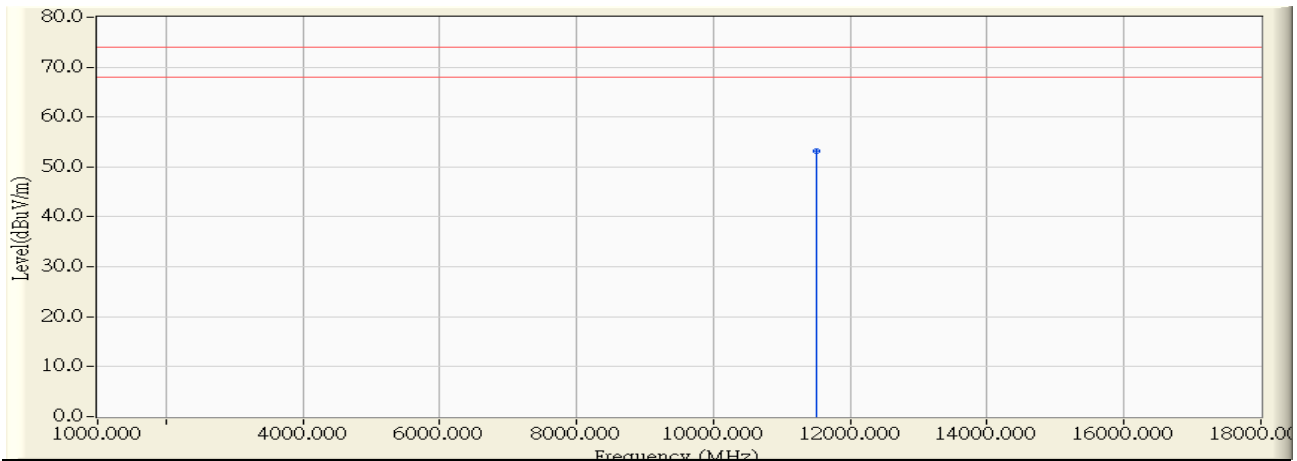


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11499.755	12.260	27.620	39.880	-14.120	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 18:47
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_ 5755MHz

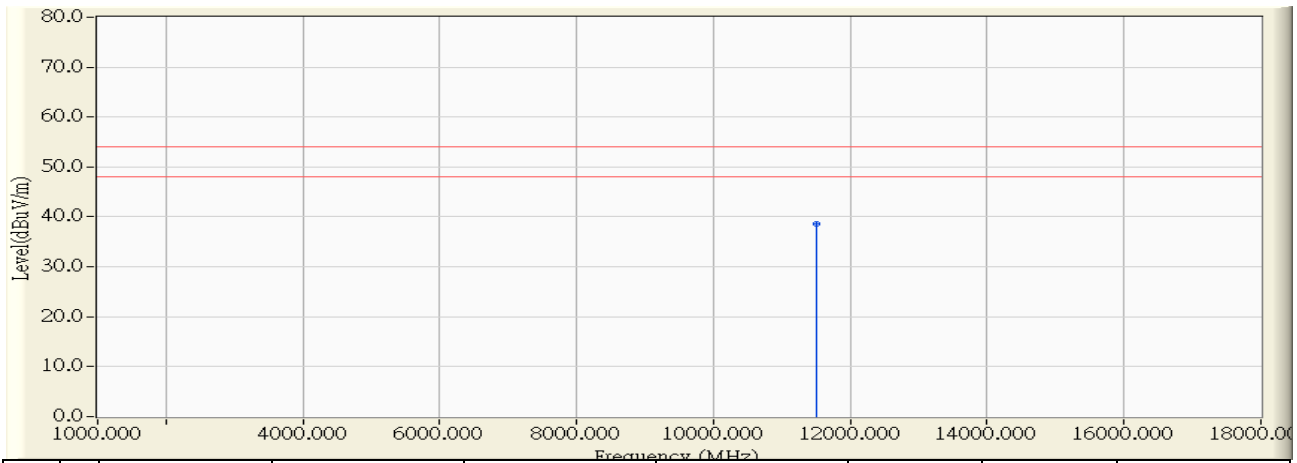


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11506.302	11.989	41.210	53.200	-20.800	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 18:48
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5755MHz

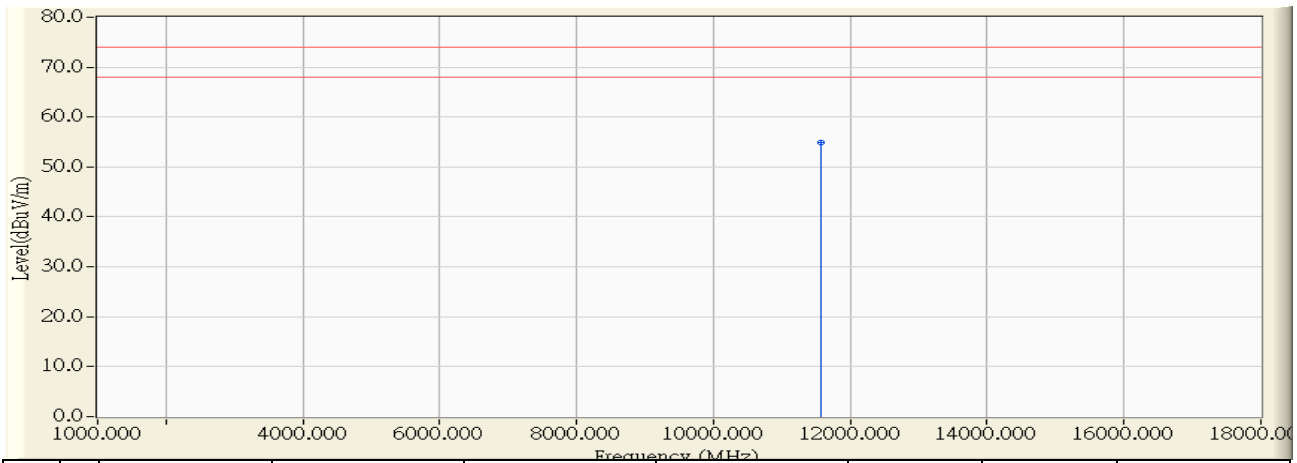


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11501.604	11.998	26.630	38.628	-15.372	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 18:53
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_ 5795MHz

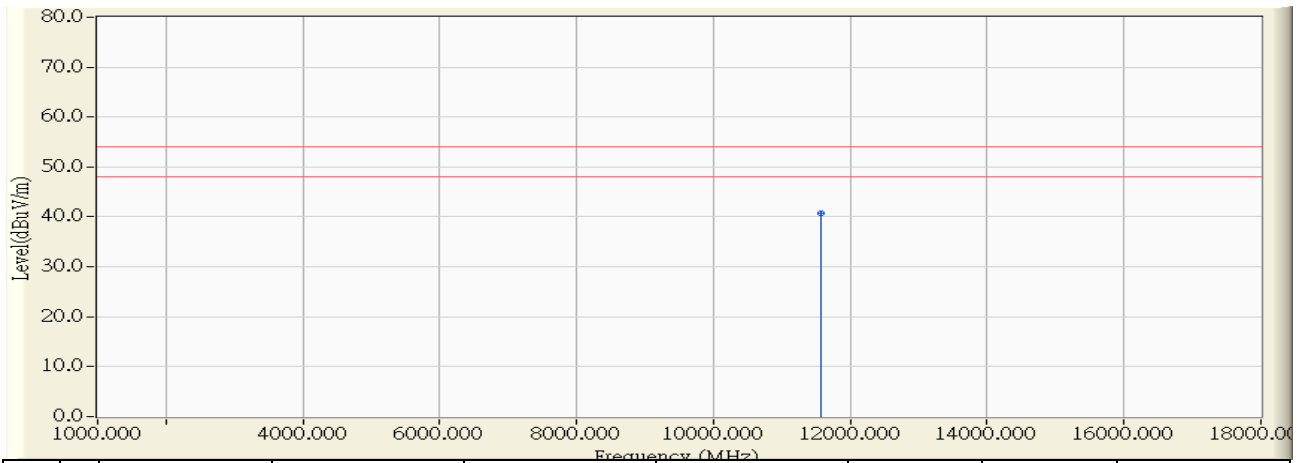


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11580.755	12.156	42.660	54.816	-19.184	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 18:54
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_ 5795MHz

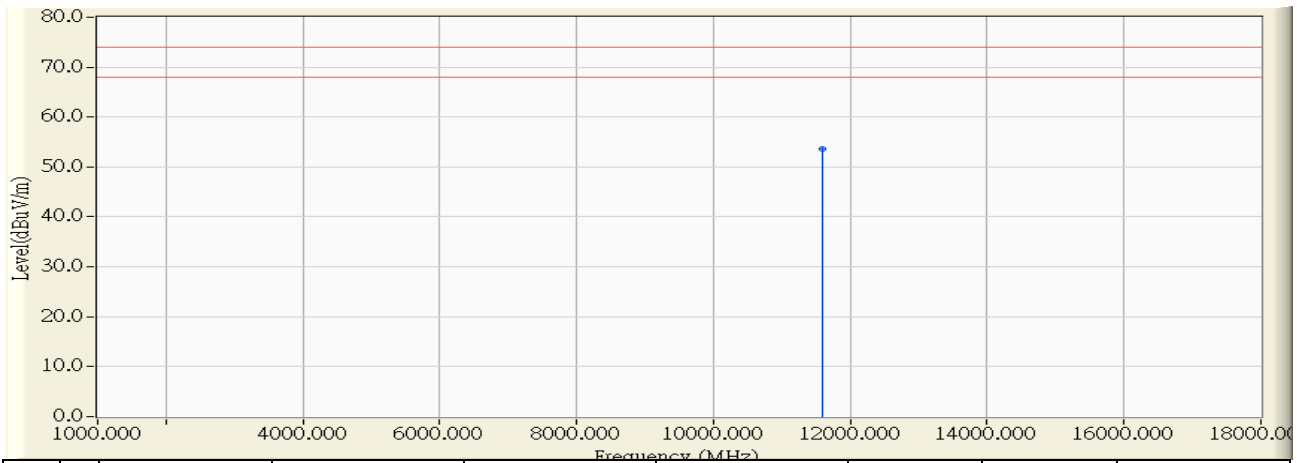


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11581.054	12.156	28.530	40.686	-13.314	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 19:00
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5795MHz

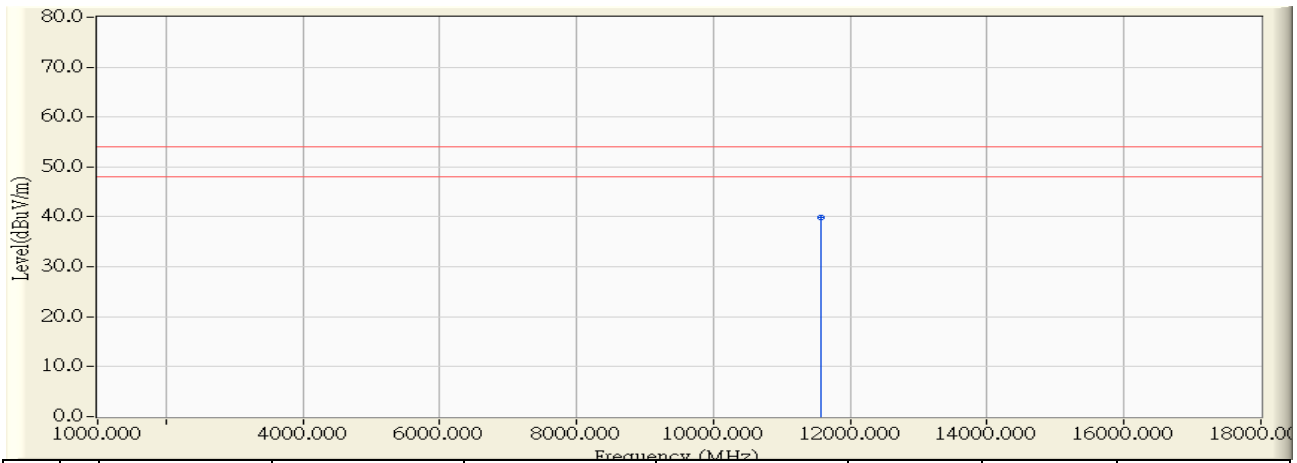


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11590.200	11.842	41.870	53.711	-20.289	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 19:02
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_ 5795MHz

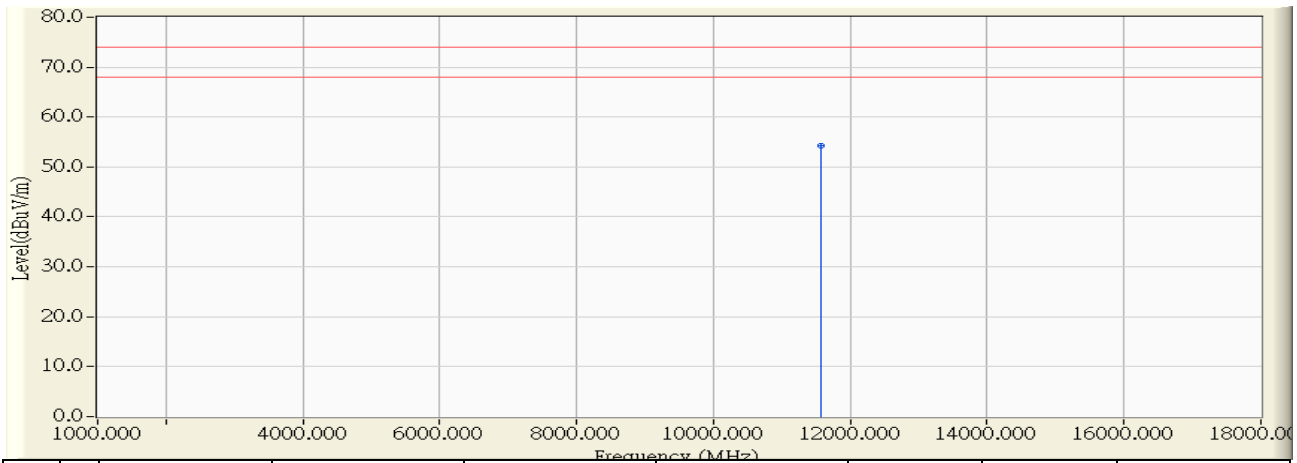


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11581.150	11.857	27.940	39.797	-14.203	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 19:14
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

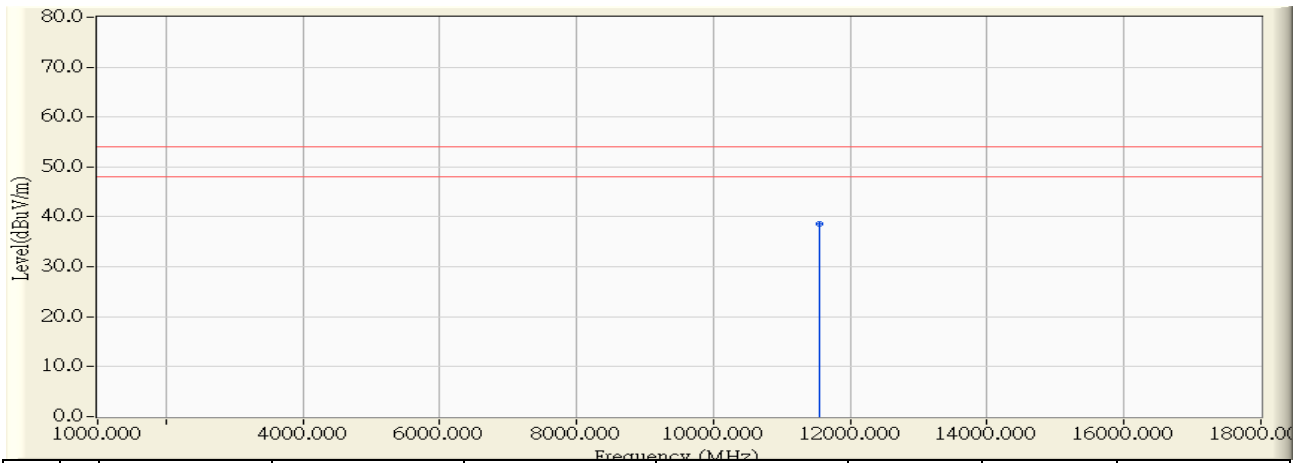


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11560.190	12.183	42.040	54.223	-19.777	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 19:14
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz

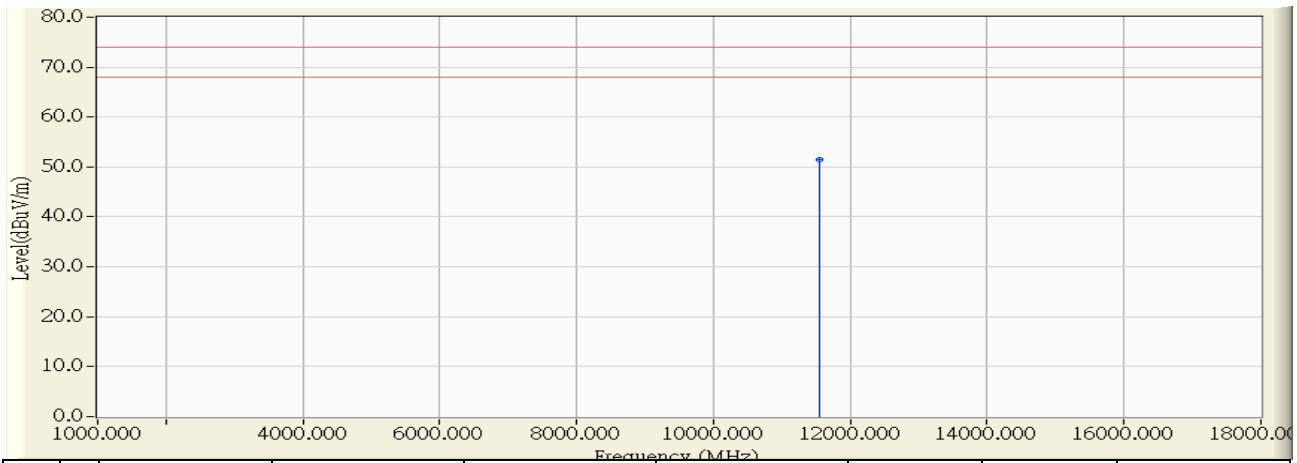


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11541.200	12.207	26.420	38.627	-15.373	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/05/06 - 19:19
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : ASUS SRT-AC1900 Wireless Smart Router	Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	11541.900	11.926	39.520	51.447	-22.553	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are too low.

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

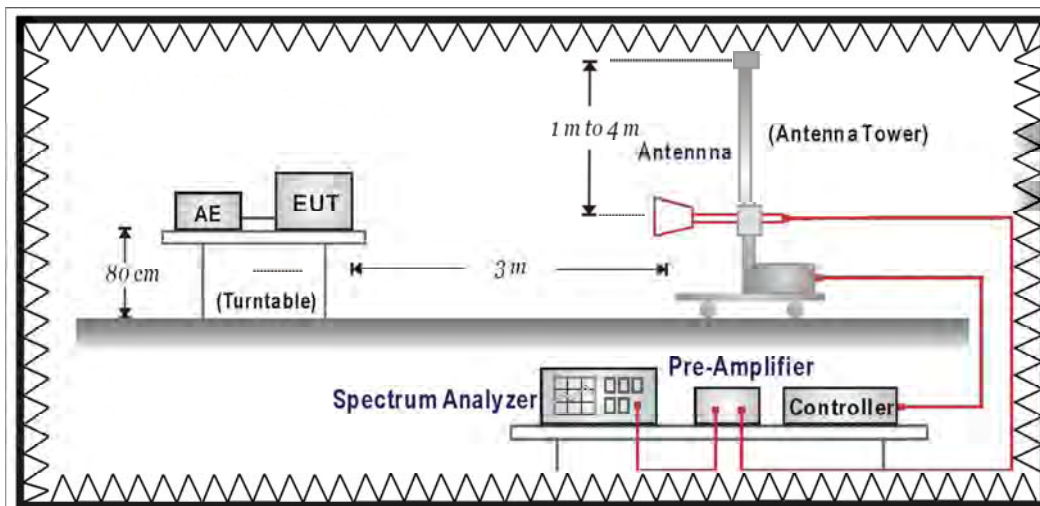
Radiated Emission RF antenna conducted / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2016/01/26
Spectrum Analyzer	Agilent	E4440A	MY46187335	2016/01/07
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2016/01/26

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

5.2. Test Setup

RF Radiated Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted or radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2009 and tested according to DTS test procedure section 11.2 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

5.6. Uncertainty

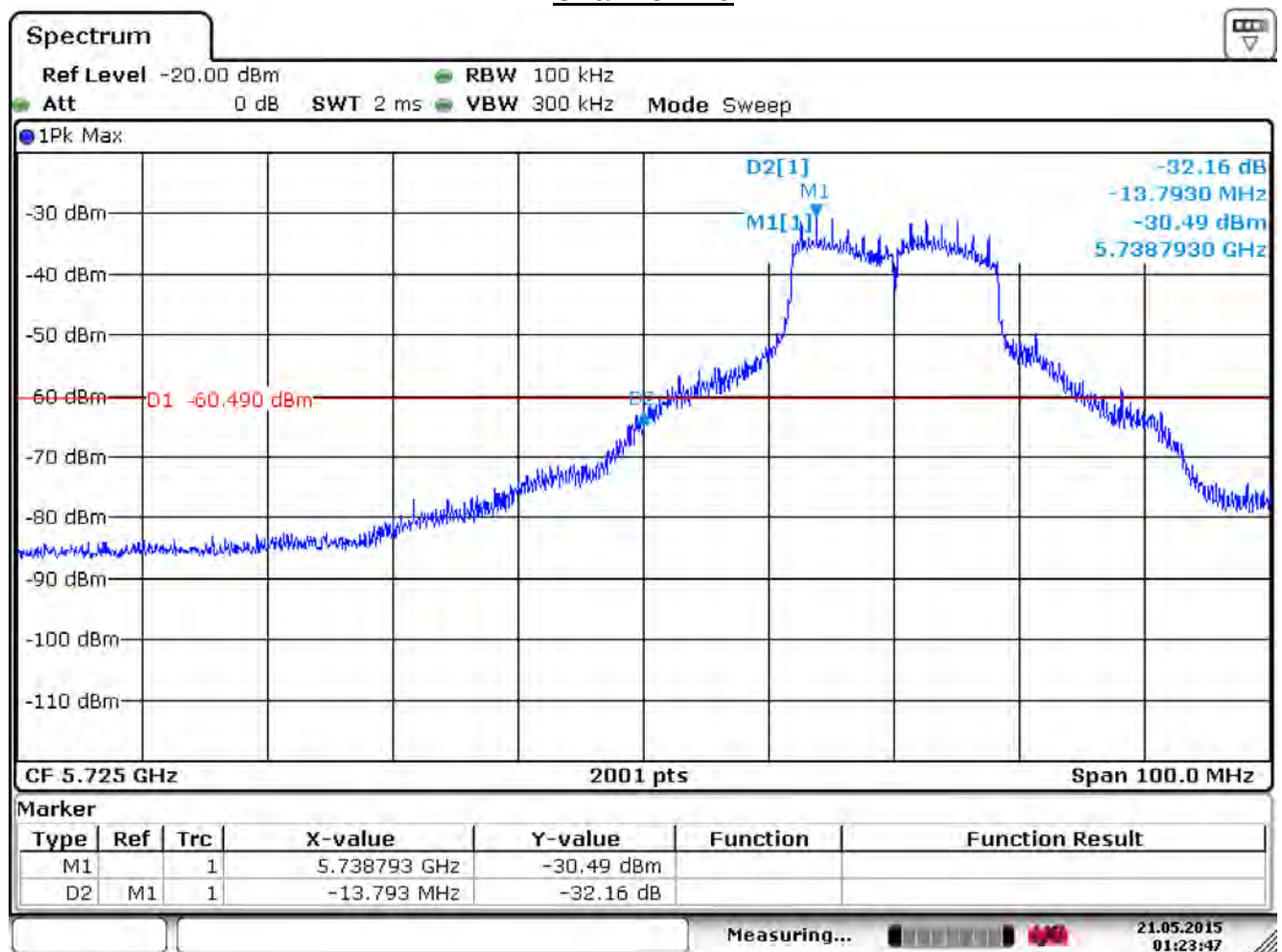
Conducted is defined as $\pm 1.27\text{dB}$

5.7. Test Result

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

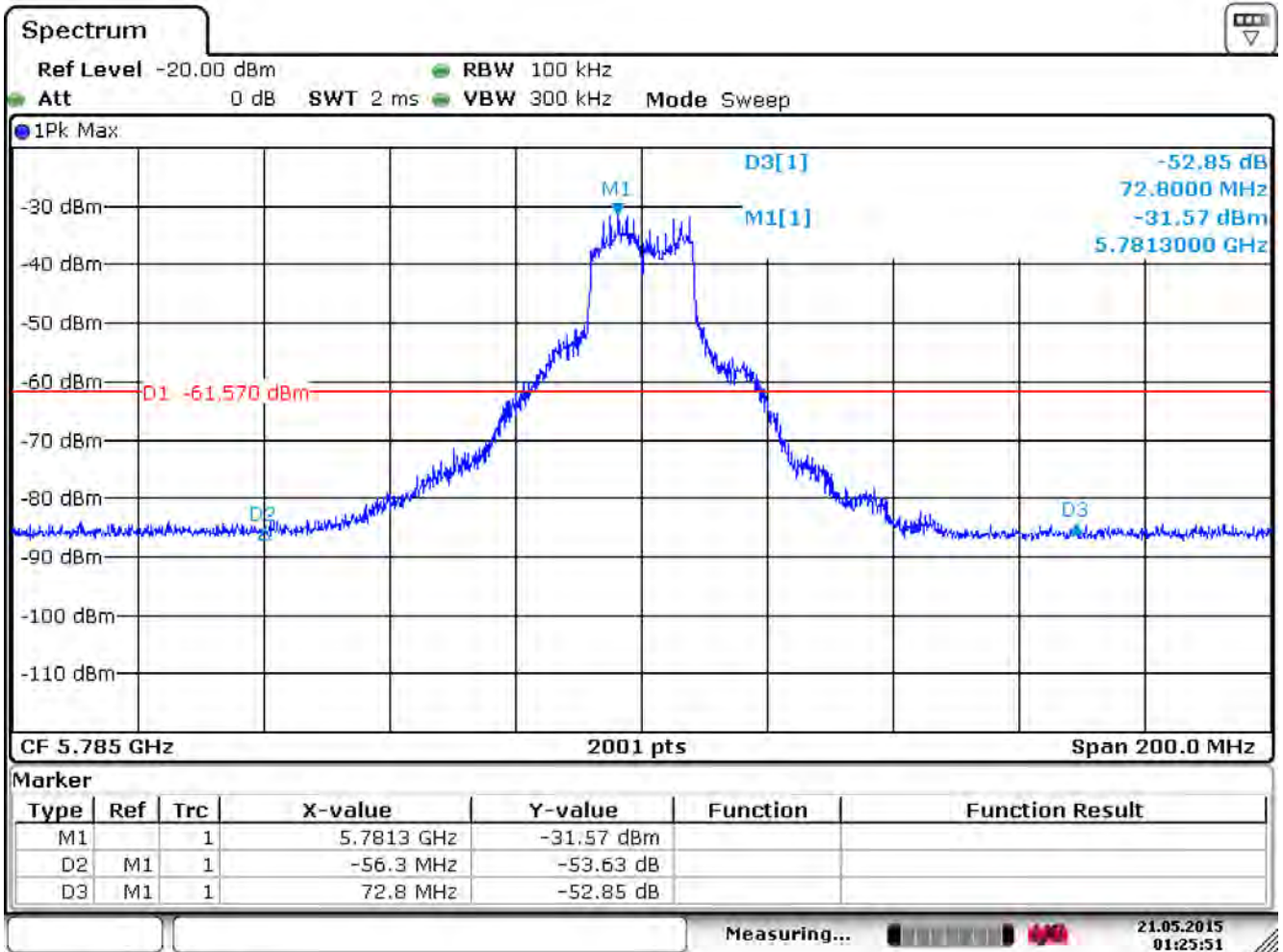
IEEE 802.11a (ANT 0+1+2)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	32.16	≥ 30	Pass
157	5785	52.85	≥ 30	Pass
165	5825	43.63	≥ 30	Pass

Channel 149



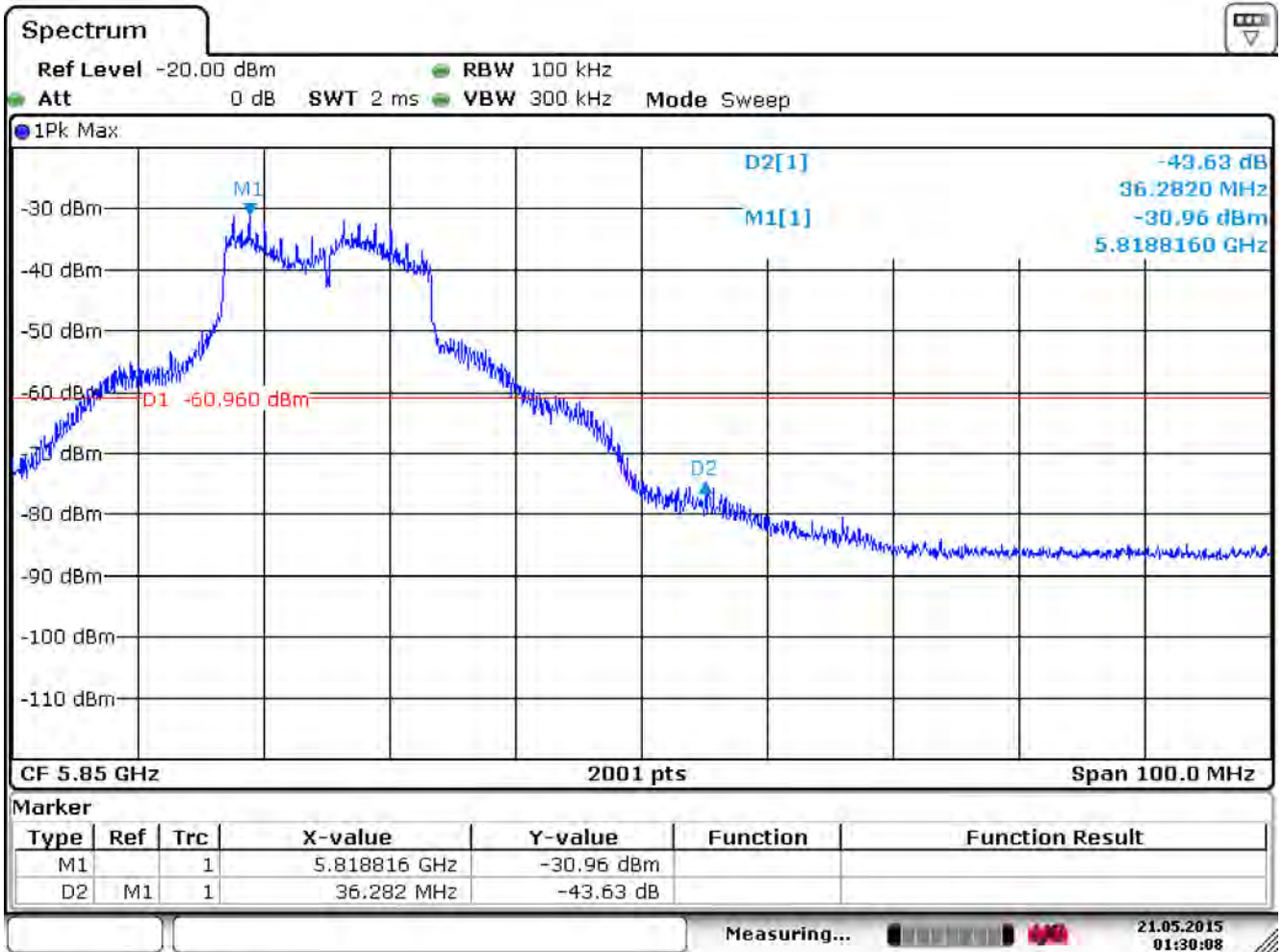
Date: 21.MAY.2015 01:23:47

Channel 157



Date: 21.MAY.2015 01:25:52

Channel 165

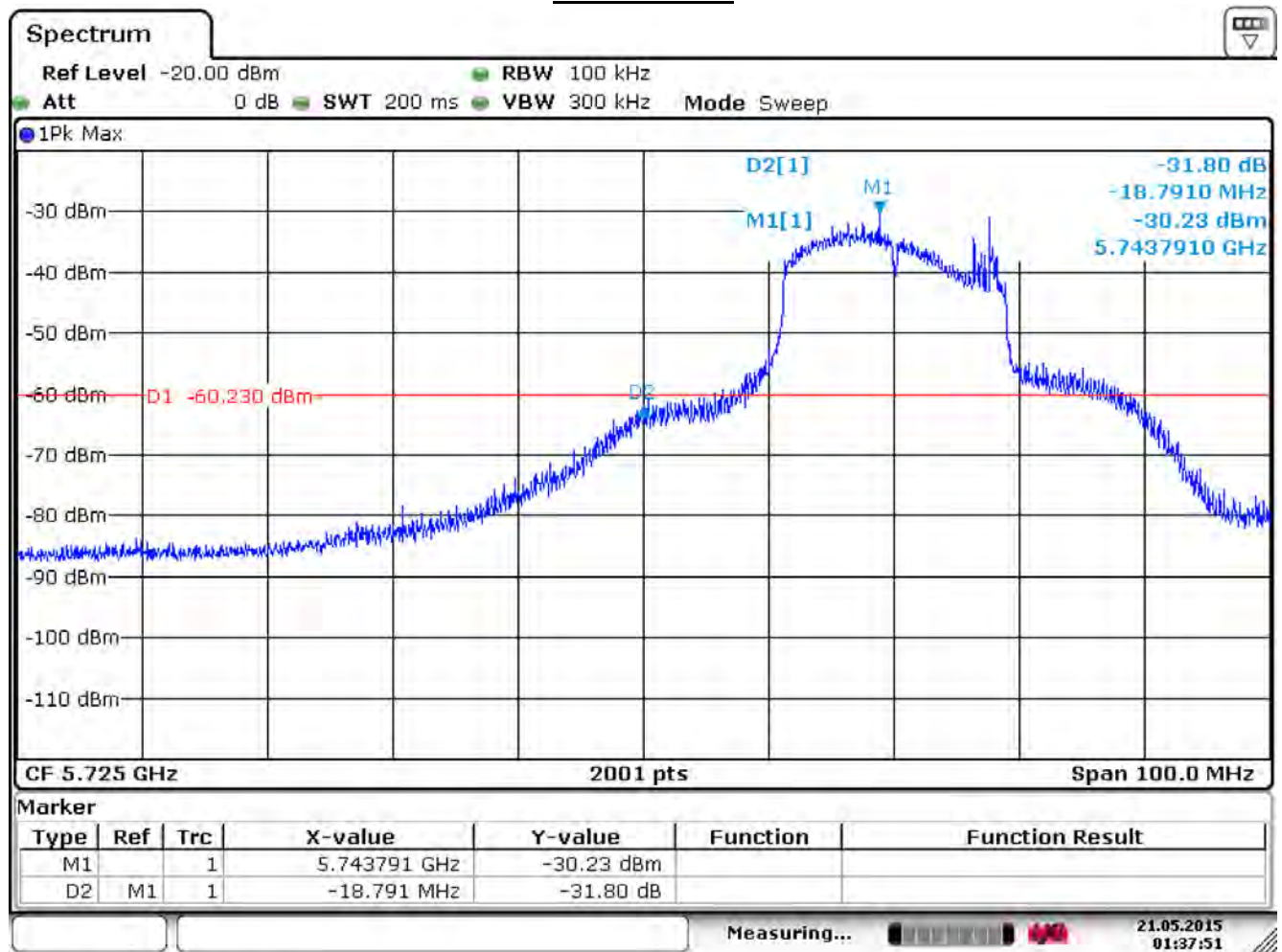


Date: 21.MAY.2015 01:30:08

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

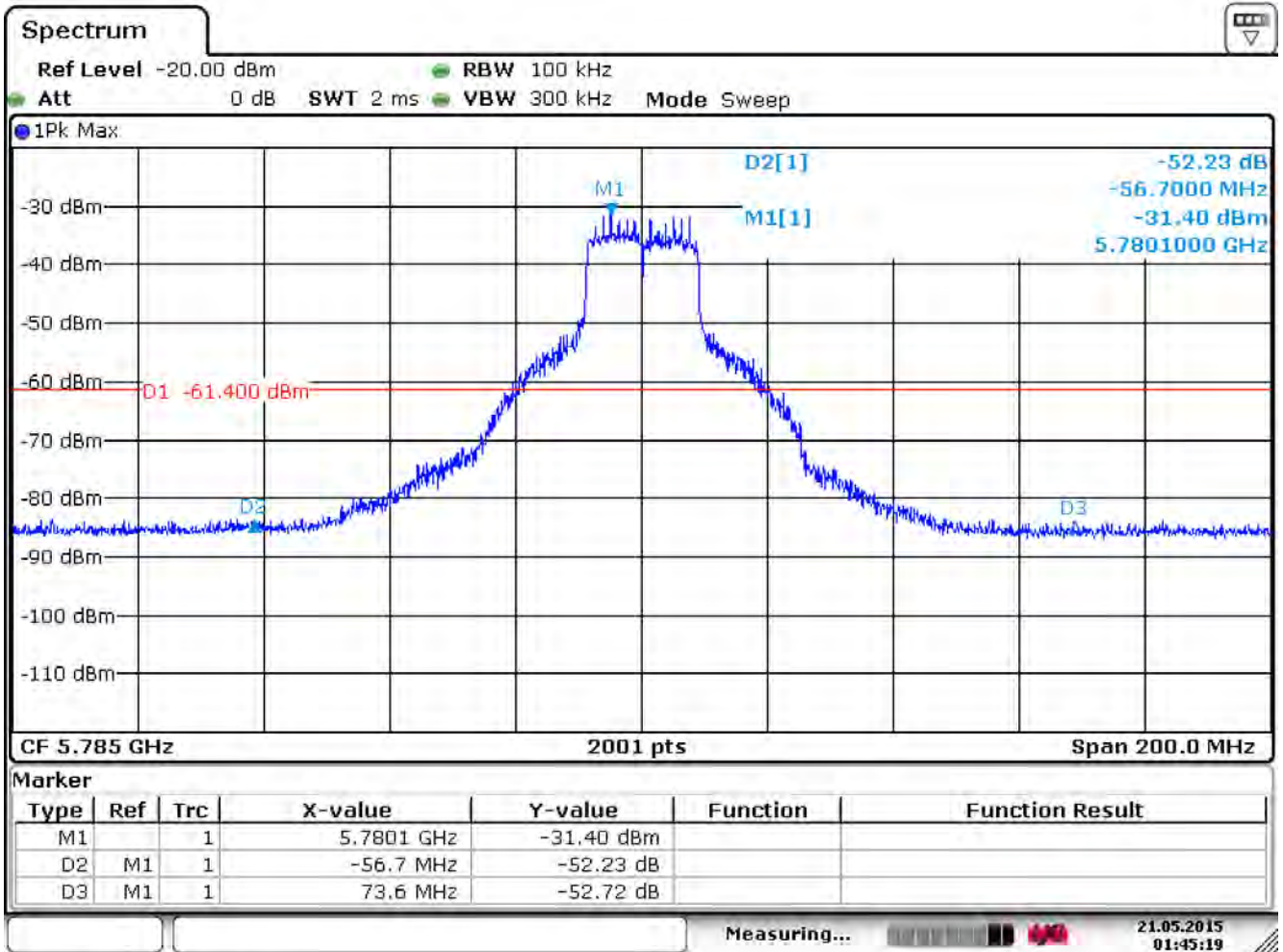
IEEE 802.11n (20MHz)(ANT 0+1+2)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	31.80	≥ 30	Pass
157	5785	31.40	≥ 30	Pass
165	5825	30.56	≥ 30	Pass

Channel 149



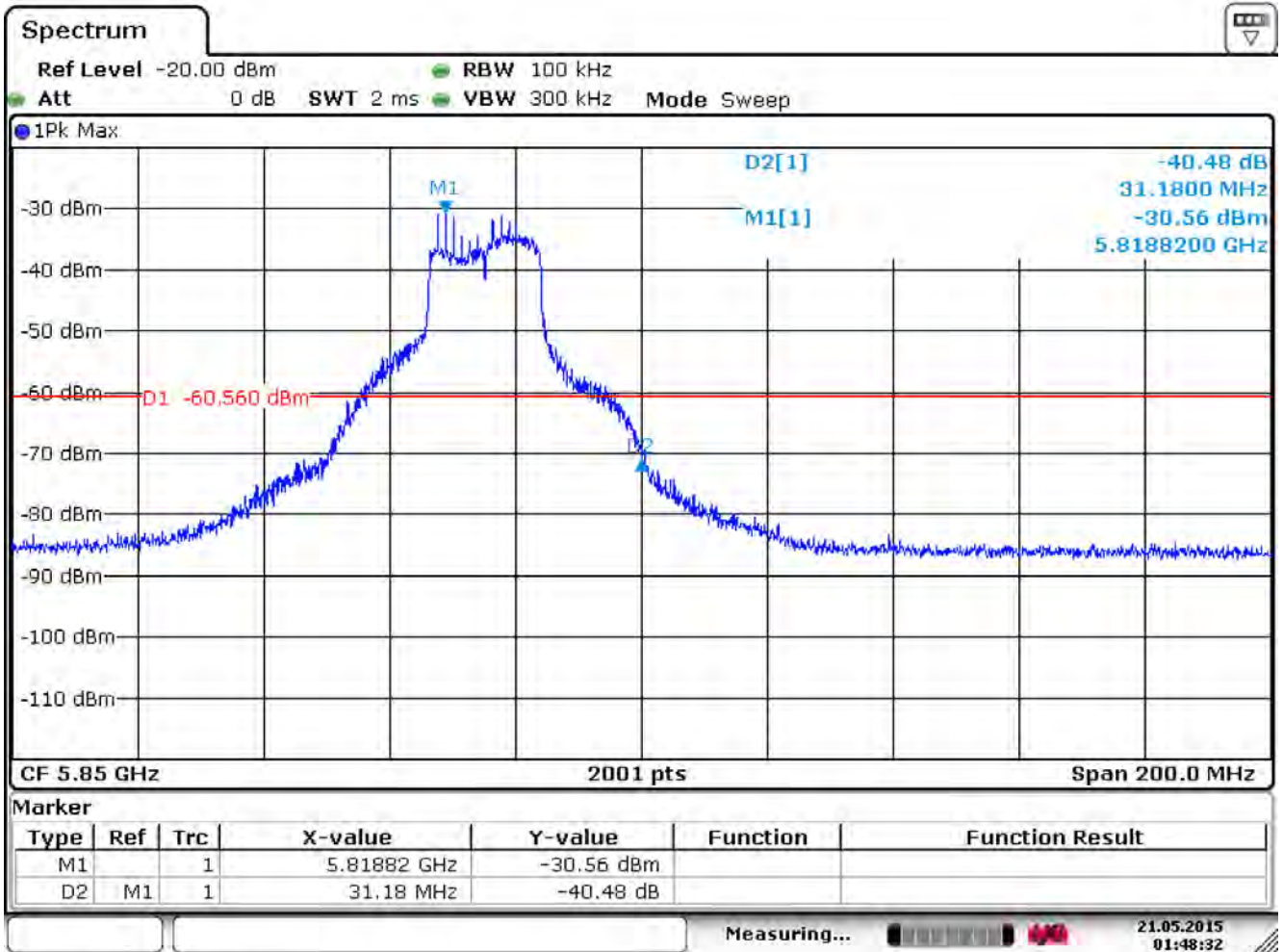
Date: 21.MAY.2015 01:37:51

Channel 157



Date: 21.MAY.2015 01:45:19

Channel 165

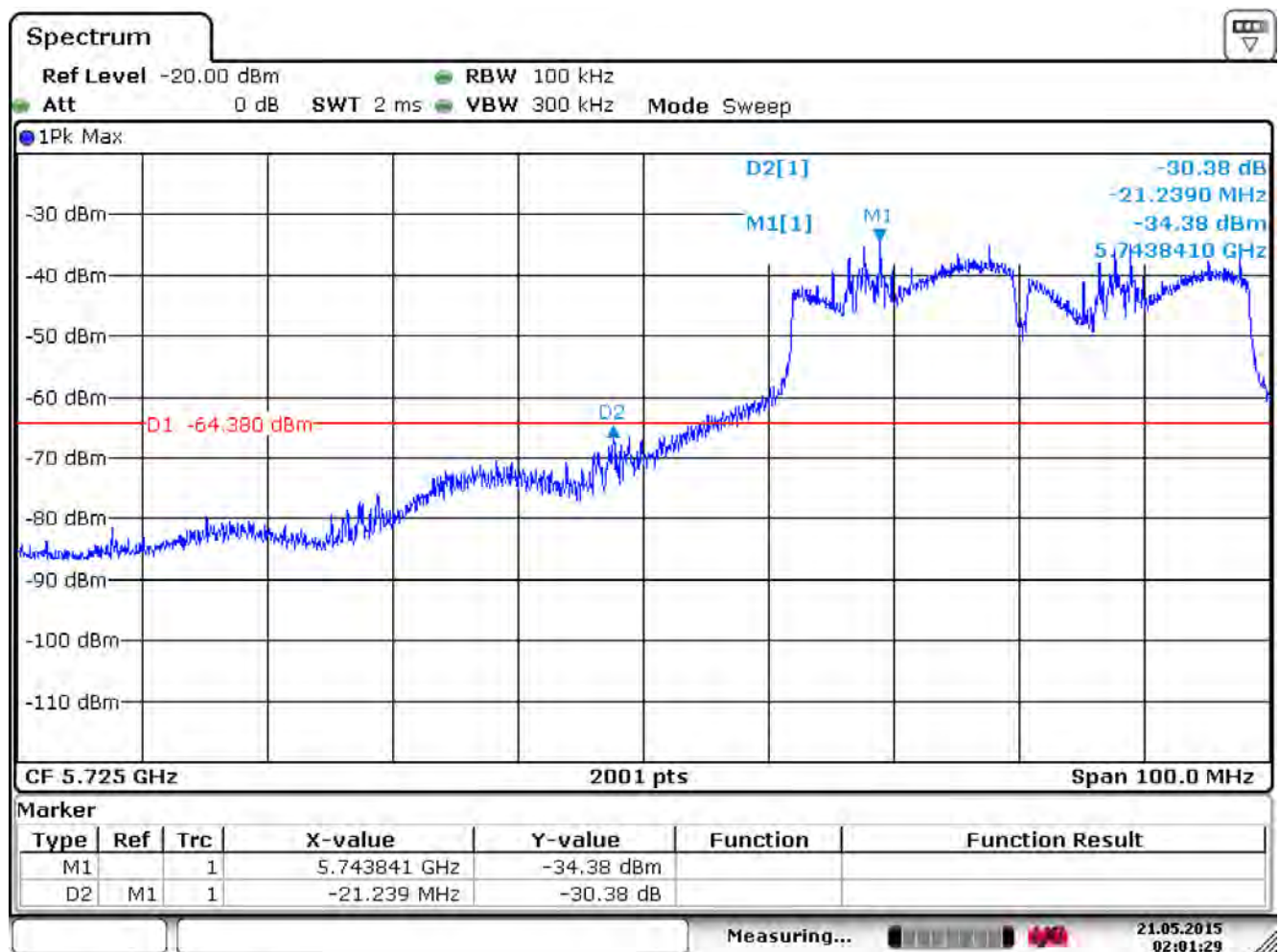


Date: 21.MAY.2015 01:48:32

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0+1+2)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
151	5755	34.38	≥ 30	Pass
159	5795	43.44	≥ 30	Pass

Channel 151 (5755MHz)



Date: 21.MAY.2015 02:01:28

Channel 159 (5795MHz)

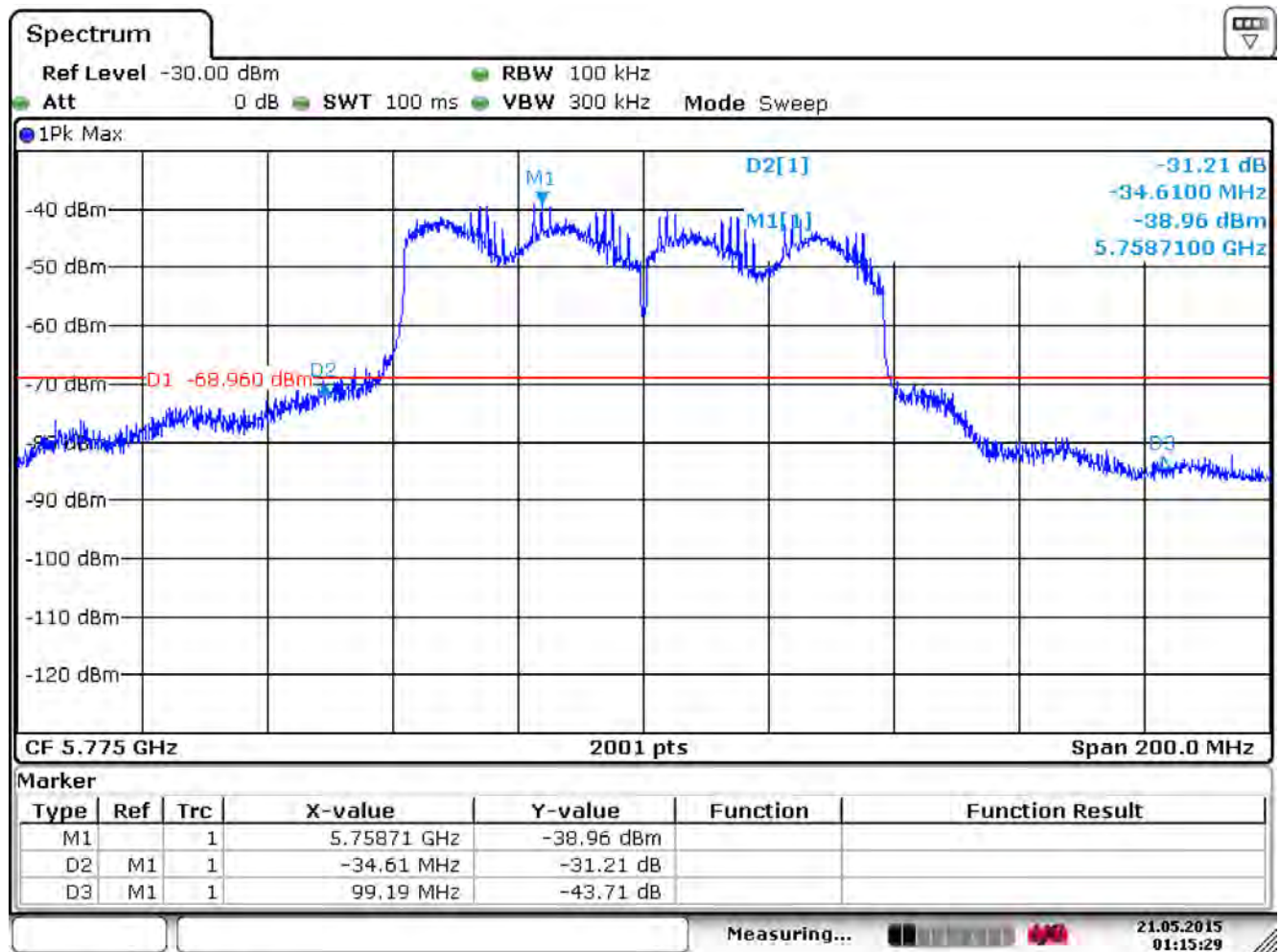


Date: 21.MAY.2015 02:07:26

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac (80MHz), (ANT 0+1+2)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
155	5775	31.21	≥ 30	Pass

Channel 155 (5775MHz)



Date: 21.MAY.2015 01:15:29