

FCC Test Report

Product Name : RT-N14UHP High Power Router/AP/Range Extender
Model No. : RT-N14UHP
FCC ID. : MSQ-RTN14UHP

Applicant : ASUSTeK COMPUTER INC.

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

Date of Receipt : 2013/07/17

Issued Date : 2013/11/22

Report No. : 137366R-RFUSP42V01

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 : 2013/11/22

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 Applicant : ASUSTeK COMPUTER INC.
 Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C.
 Manufacturer : ASUSTeK COMPUTER INC.
 Model No. : RT-N14UHP
 FCC ID. : MSQ-RTN14UHP
 EUT Voltage : AC 100-240V, 50-60Hz
 Trade Name : ASUS
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2012
 ANSI C63.4: 2009
 Test Result : Complied

The test results relate only to the samples tested.

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Documented By :

(Demi Chang / Engineering Adm. Specialist)

Reviewed By :

(JuBo Shen / Engineer)

Approved By :

(Roy Wang / Manager)

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: 1313
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/tw/ctg/cts/accreditations.htm>

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

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

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1. General Information

1.1. EUT Description

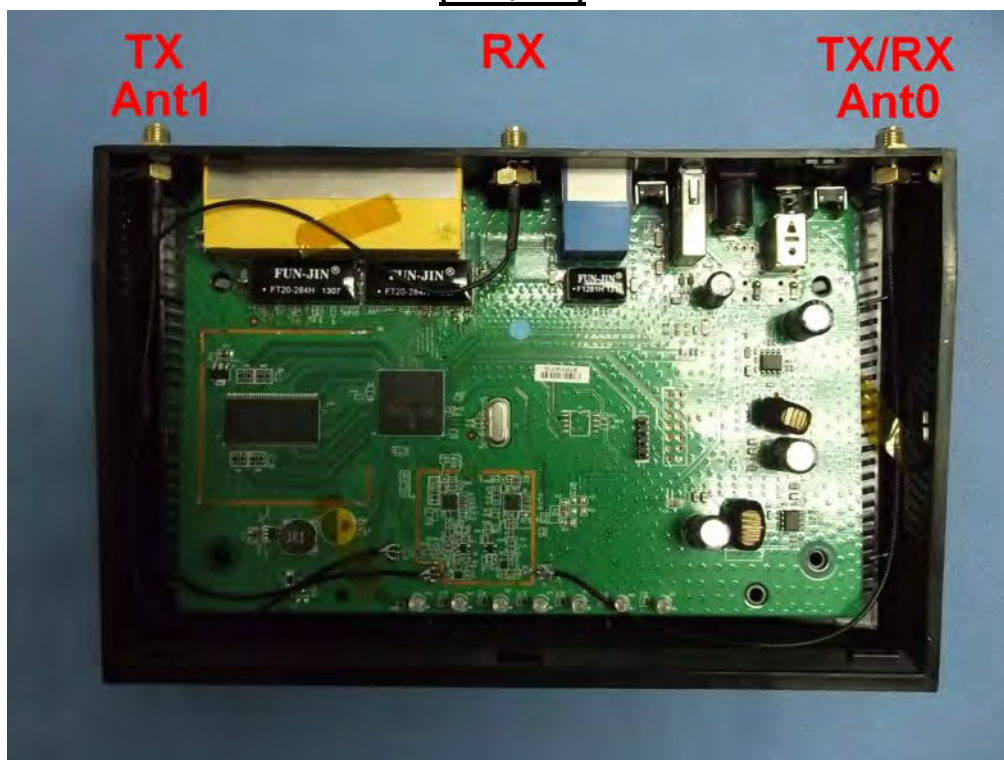
Product Name	RT-N14UHP High Power Router/AP/Range Extender
Product Type	WLAN (2TX, 2RX)
Trade Name	ASUS
Model No.	RT-N14UHP
Frequency Range/Channel Number -IEEE 802.11b/g & IEEE 802.11n (20MHz)_2.4GHz	2412~2462MHz / 11 Channels
Frequency Range/Channel Number -IEEE 802.11n(40MHz) _2.4GHz	2422~2452MHz / 7 Channels
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11g/n)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n
Antenna Gain	MAG. LAYERS , EDA-3913-2G4R2-A1 , 6.81 dBi
Antenna Gain	Invax System , AN2400-5924RS , 7 dBi
Antenna Type	Dipole

Component	
Antenna	MAG. LAYERS , EDA-3913-2G4R2-A1 , 3pcs
Antenna	Invax System , AN2400-5924RS , 3pcs
LAN Cable	Non-Shielded, 1m
Power Adatper	DVE, DSA-12PFA-09 FUS 120100 I/P : 100-240V~50/60Hz 0.5A O/P : +12V  1A Cable Out: Non-Shielded, 1.5m

ANT-TX / RX & Bandwidth

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

(2TX /2RX)



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

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

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

IEEE 802.11n (40MHz) - 2.4GHz

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

Note:

1. This device is a RT-N14UHP High Power Router/AP/Range Extender including 2.4GHz b/g/n (2x2) 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. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 137366R-RFUSP37V02 under Declaration of Conformity.

1.3. Test Mode

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

TX	Mode 1: Transmit(CDD Mode)
	Mode 2: Transmit

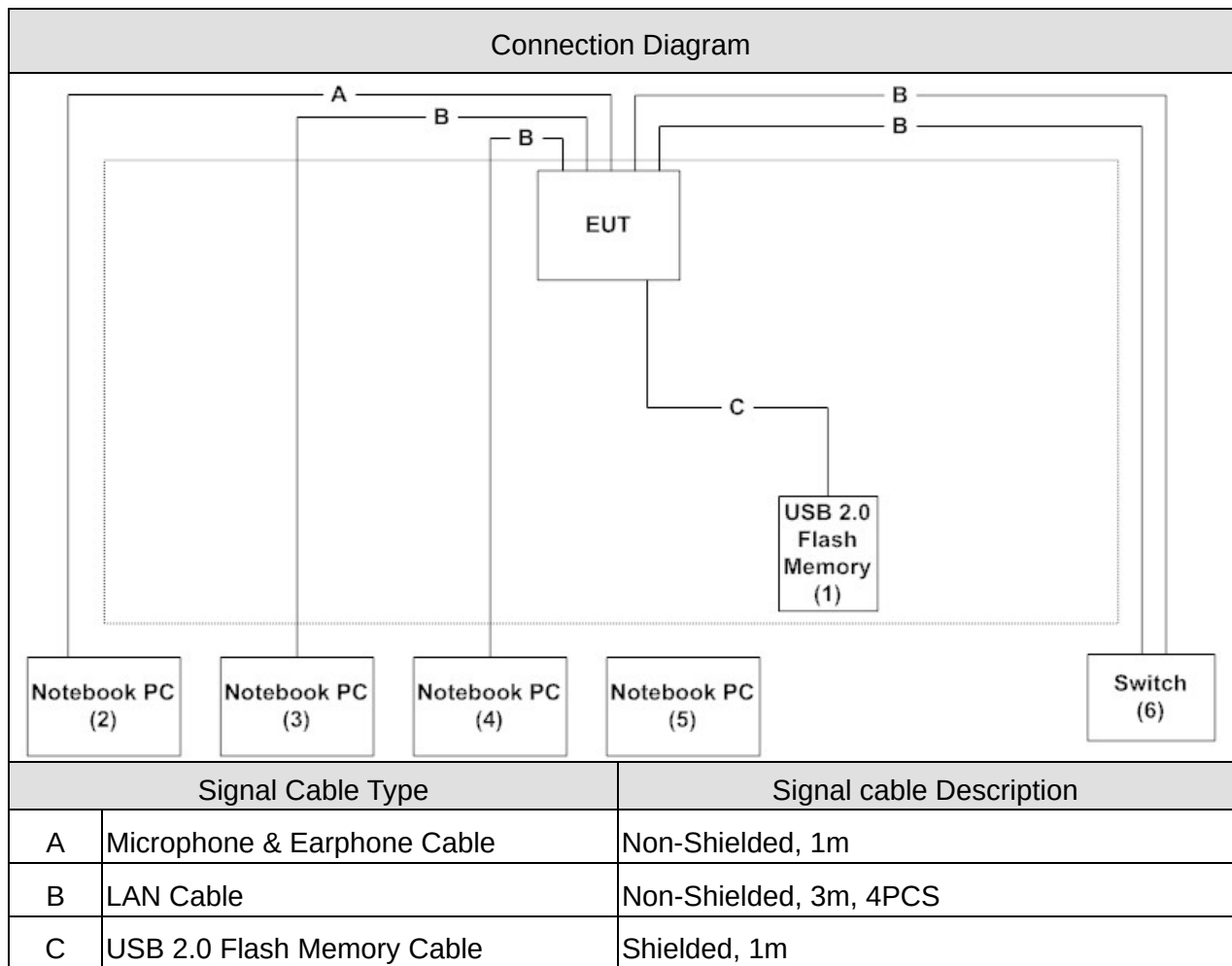
Test Items	Mode	Modulation	Channel	Antenna	Result
Conducted Emission	1	11n(40MHz)	6	0+1	Complies
Peak Power Output	1/2	b/g	1/ 6/ 11	0	Complies
	1/2	11n(20MHz)	1/ 6/ 11	0+1	Complies
	1/2	11n(40MHz)	3/ 6/ 9	0+1	Complies
Radiated Emission	1/2	b/g	1/ 6/ 11	0	Complies
	1/2	11n(20MHz)	1/ 6/ 11	0+1	Complies
	1/2	11n(40MHz)	3/ 6/ 9	0+1	Complies
RF antenna conducted test	1/2	b/g	1/ 11	0	Complies
	1/2	11n(20MHz)	1/ 11	0/1	Complies
	1/2	11n(40MHz)	3/ 9	0/1	Complies
Radiated Emission Band Edge	1/2	b/g	1/ 11	0	Complies
	1/2	11n(20MHz)	1/ 11	0+1	Complies
	1/2	11n(40MHz)	3/ 9	0+1	Complies
Occupied Bandwidth	1/2	b/g	1/ 6/ 11	0	Complies
	1/2	11n(20MHz)	1/ 6/ 11	0/1	Complies
	1/2	11n(40MHz)	3/ 6/ 9	0/1	Complies
Power Density	1/2	b/g	1/ 6/ 11	0	Complies
	1/2	11n(20MHz)	1/ 6/ 11	0+1	Complies
	1/2	11n(40MHz)	3/ 6/ 9	0+1	Complies

1.4. 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 USB 2.0 Flash Memory	Apacer	AH223	N/A	DoC	--
2 Notebook PC	HP	HSTNN-146C	CNU8253S1X	DoC	Non-Shielded, 1.8m
3 Notebook PC	ACER	PAV70	LUSEW0D037110 5FE221601	DoC	Non-Shielded, 2.5m one ferrite core bonded
4 Notebook PC	ACER	MS2296	LUSCV021391150 332C2000	DoC	Non-Shielded, 2.5m one ferrite core bonded
5 Notebook PC	DELL	Vostro3400	7F808N1	DoC	Non-Shielded, 1.8m
6 Switch	D-Link	DGS1216T	F360298000076	DoC	Non-Shielded, 1.8m

1.5. Configuration of tested System



1.6. EUT Exercise Software

1	Setup the EUT as shown in Section 1.5.
2	Execute the test program "MTool V1.0.0.10" on the Notebook.
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.

1.7. 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	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000

2. Conducted Emission

2.1. Test Equipment

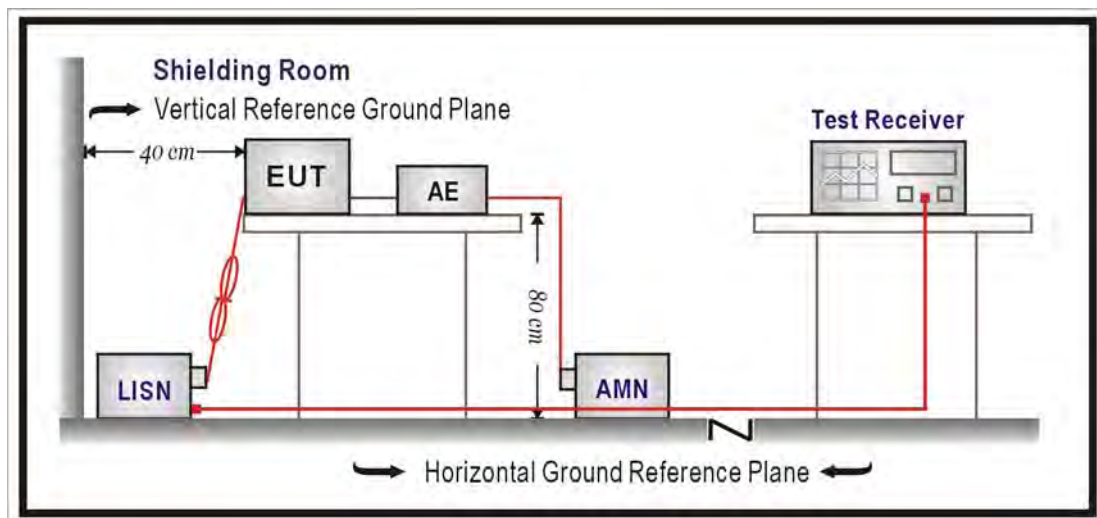
The following test equipments are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
LISN	R&S	ENV216	100096	2014/08/01
LISN	R&S	ESH3-Z5	836679/022	2014/01/20
Test Receiver	R&S	ESCS 30	825442/017	2014/01/01

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 C63.4: 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

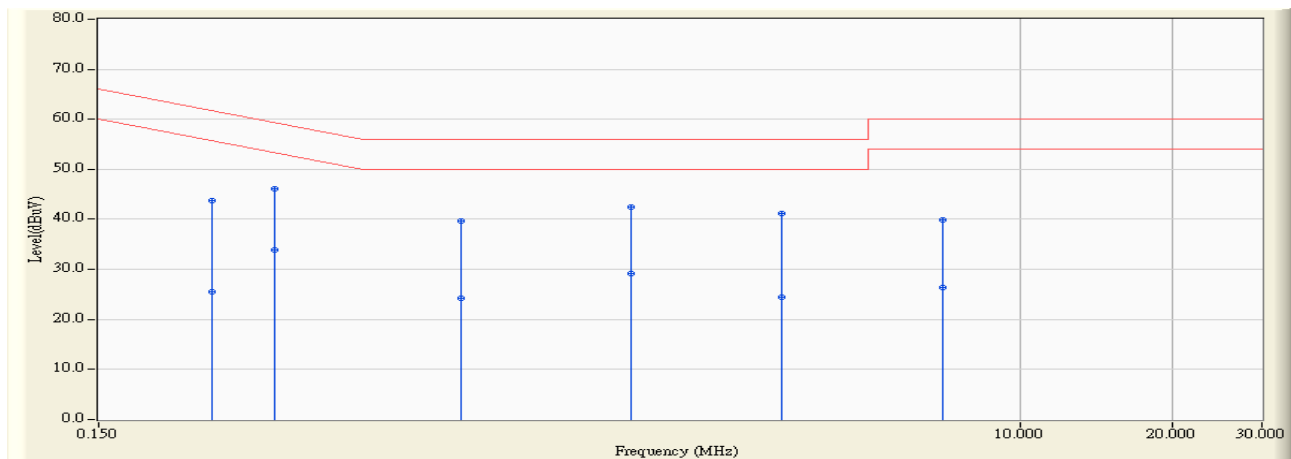
According to FCC Part 15 Subpart C Paragraph 15.207: 2012

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR3	Time : 2013/10/25 - 20:15
Limit : CISPR_B_00M_QP	Margin : 6
Probe : SR3_LISN(16A)-3_0813 - Line1	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_80211n 40MHz_2437MHz

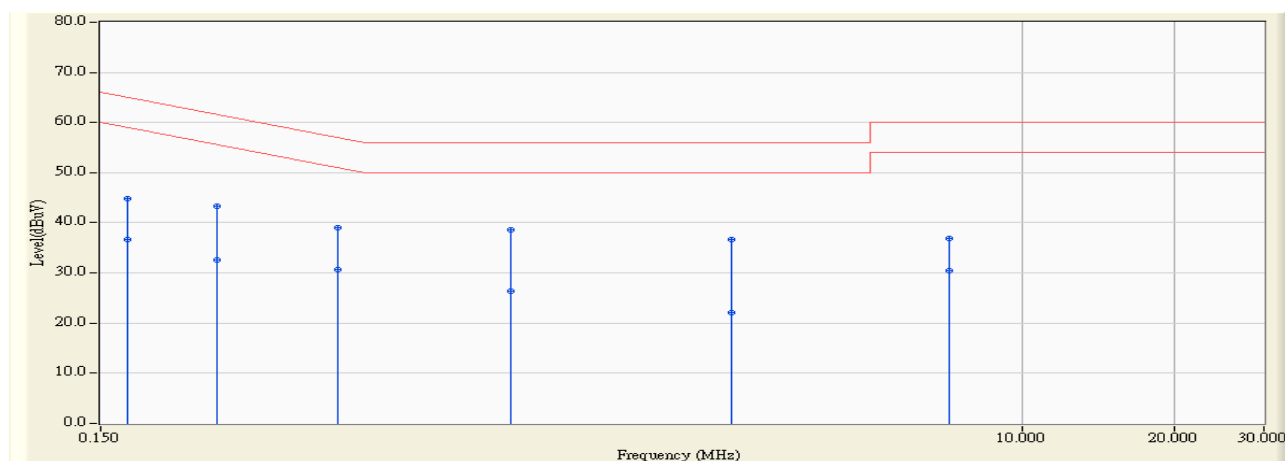


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.252	9.691	34.050	43.741	-17.965	61.705	QUASIPeAK
2		0.252	9.691	15.760	25.451	-26.255	51.705	AVERAGE
3	*	0.334	9.736	36.420	46.156	-13.205	59.361	QUASIPeAK
4		0.334	9.736	24.200	33.936	-15.425	49.361	AVERAGE
5		0.783	9.898	29.820	39.718	-16.282	56.000	QUASIPeAK
6		0.783	9.898	14.310	24.208	-21.792	46.000	AVERAGE
7		1.697	9.950	32.550	42.500	-13.500	56.000	QUASIPeAK
8		1.697	9.950	19.150	29.100	-16.900	46.000	AVERAGE
9		3.377	10.040	31.220	41.260	-14.740	56.000	QUASIPeAK
10		3.377	10.040	14.390	24.430	-21.570	46.000	AVERAGE
11		6.998	10.110	29.860	39.970	-20.030	60.000	QUASIPeAK
12		6.998	10.110	16.240	26.350	-23.650	50.000	AVERAGE

Note:

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

Site : SR3	Time : 2013/10/25 - 20:17
Limit : CISPR_B_00M_QP	Margin : 6
Probe : SR3_LISN(16A)-3_0813 - Line2	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_80211n 40MHz_2437MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.170	9.644	35.140	44.784	-20.200	64.983	QUASIPeAK
2		0.170	9.644	26.980	36.624	-18.360	54.983	AVERAGE
3		0.255	9.692	33.610	43.302	-18.275	61.577	QUASIPeAK
4		0.255	9.692	22.920	32.612	-18.965	51.577	AVERAGE
5		0.443	9.789	29.290	39.079	-17.927	57.006	QUASIPeAK
6	*	0.443	9.789	20.960	30.749	-16.257	47.006	AVERAGE
7		0.974	9.922	28.660	38.582	-17.418	56.000	QUASIPeAK
8		0.974	9.922	16.530	26.452	-19.548	46.000	AVERAGE
9		2.662	9.970	26.790	36.760	-19.240	56.000	QUASIPeAK
10		2.662	9.970	12.040	22.010	-23.990	46.000	AVERAGE
11		7.146	10.110	26.810	36.920	-23.080	60.000	QUASIPeAK
12		7.146	10.110	20.360	30.470	-19.530	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

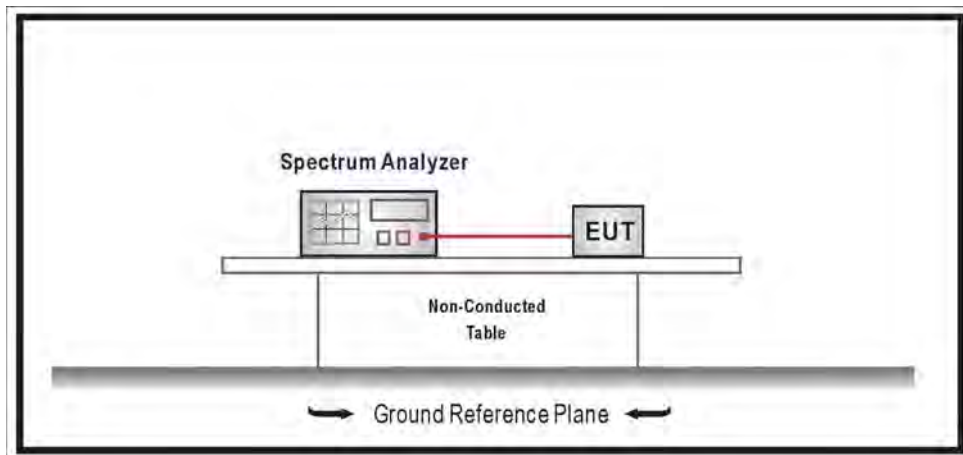
The following test equipments are used during the test:

Peak Power / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2014/08/05

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 of KDB558074 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: 2012

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

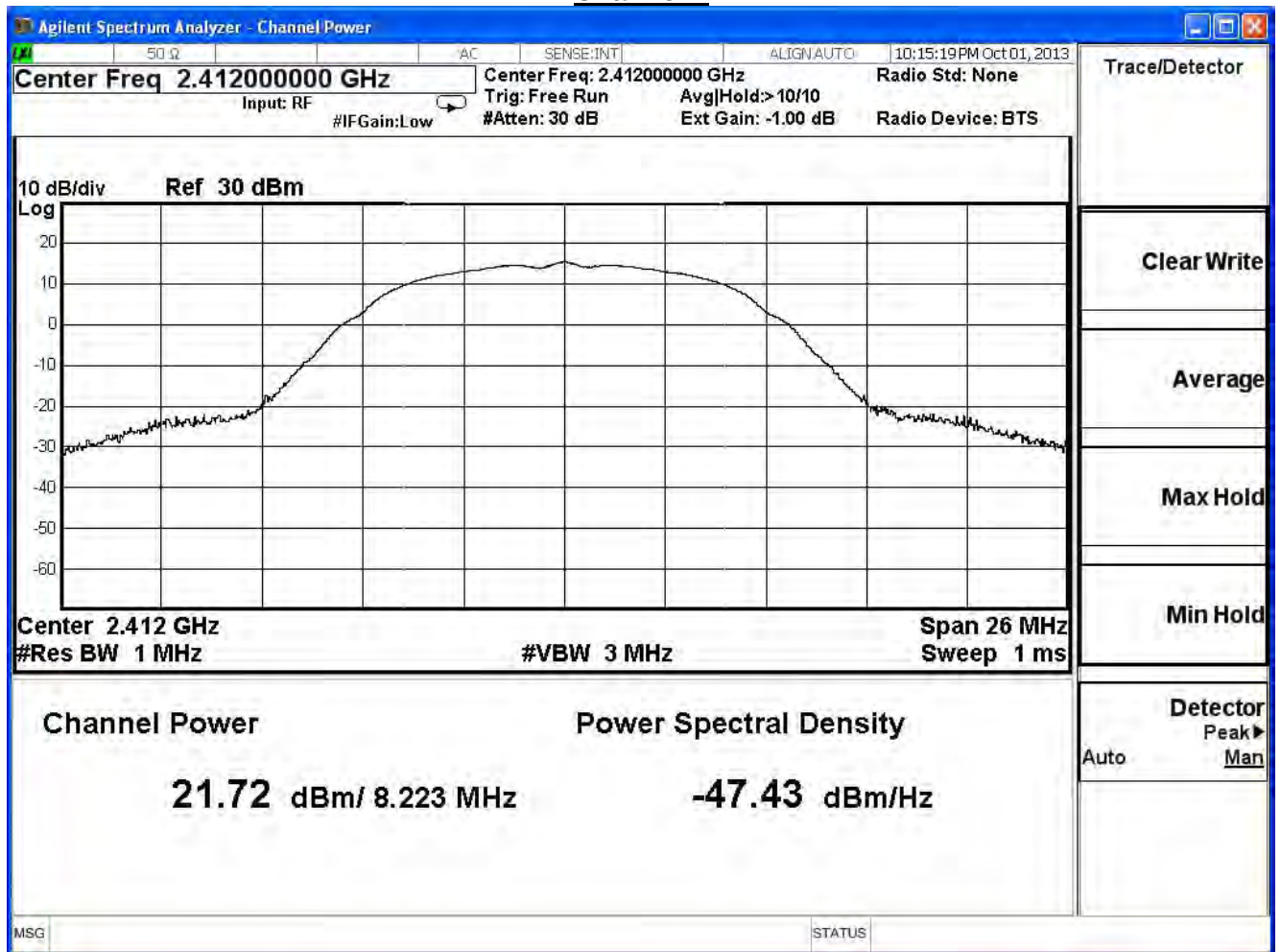
IEEE 802.11b (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.72	≤ 30	Pass
6	2437	16.62	≤ 30	Pass
11	2462	18.01	≤ 30	Pass

The worst emission of data rate is 1Mbps.

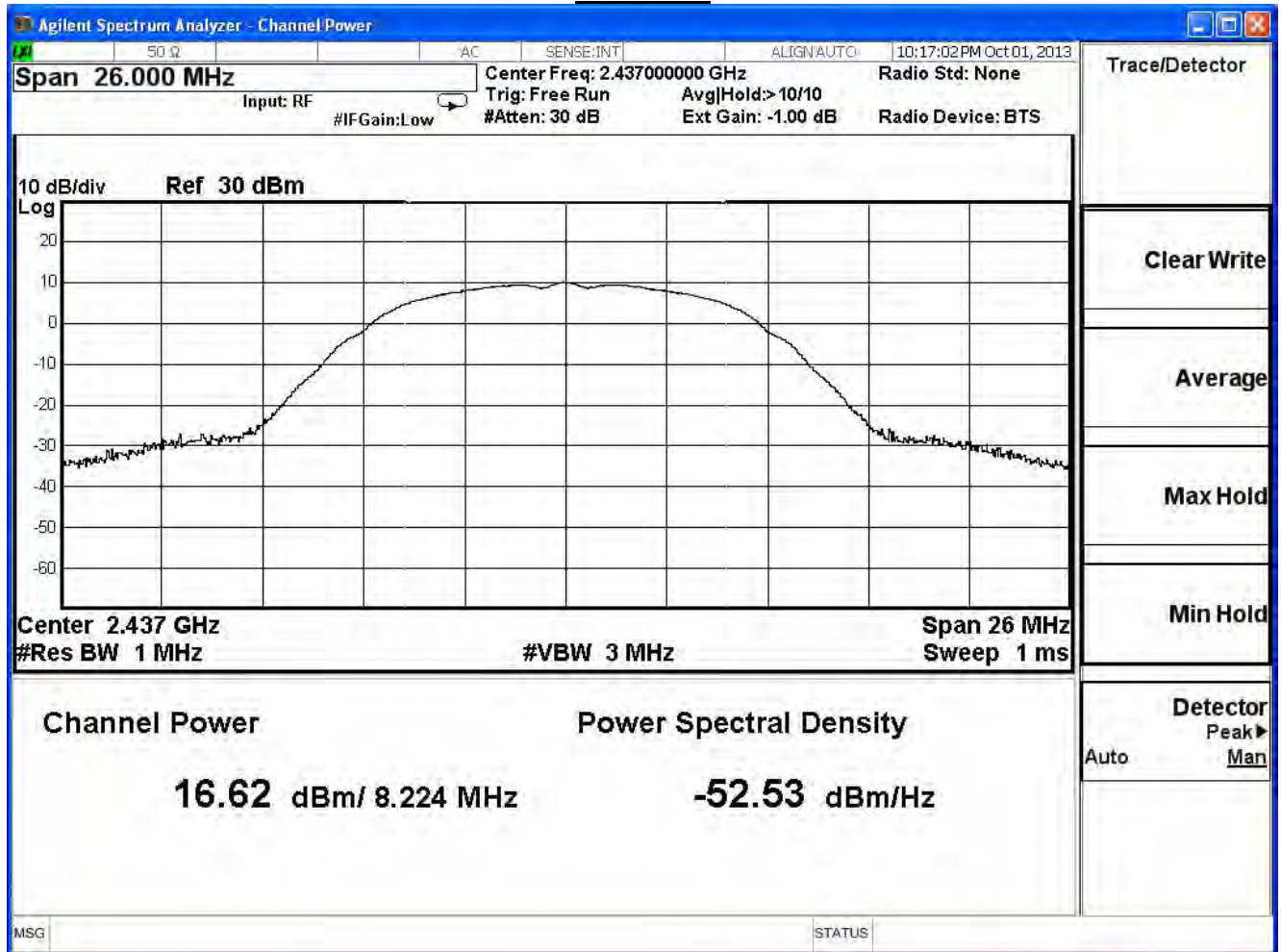
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	21.72	--	--	--	1 Watt=30dBm
6	2437	16.62	16.52	16.28	16.17	1 Watt=30dBm
11	2462	18.01	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

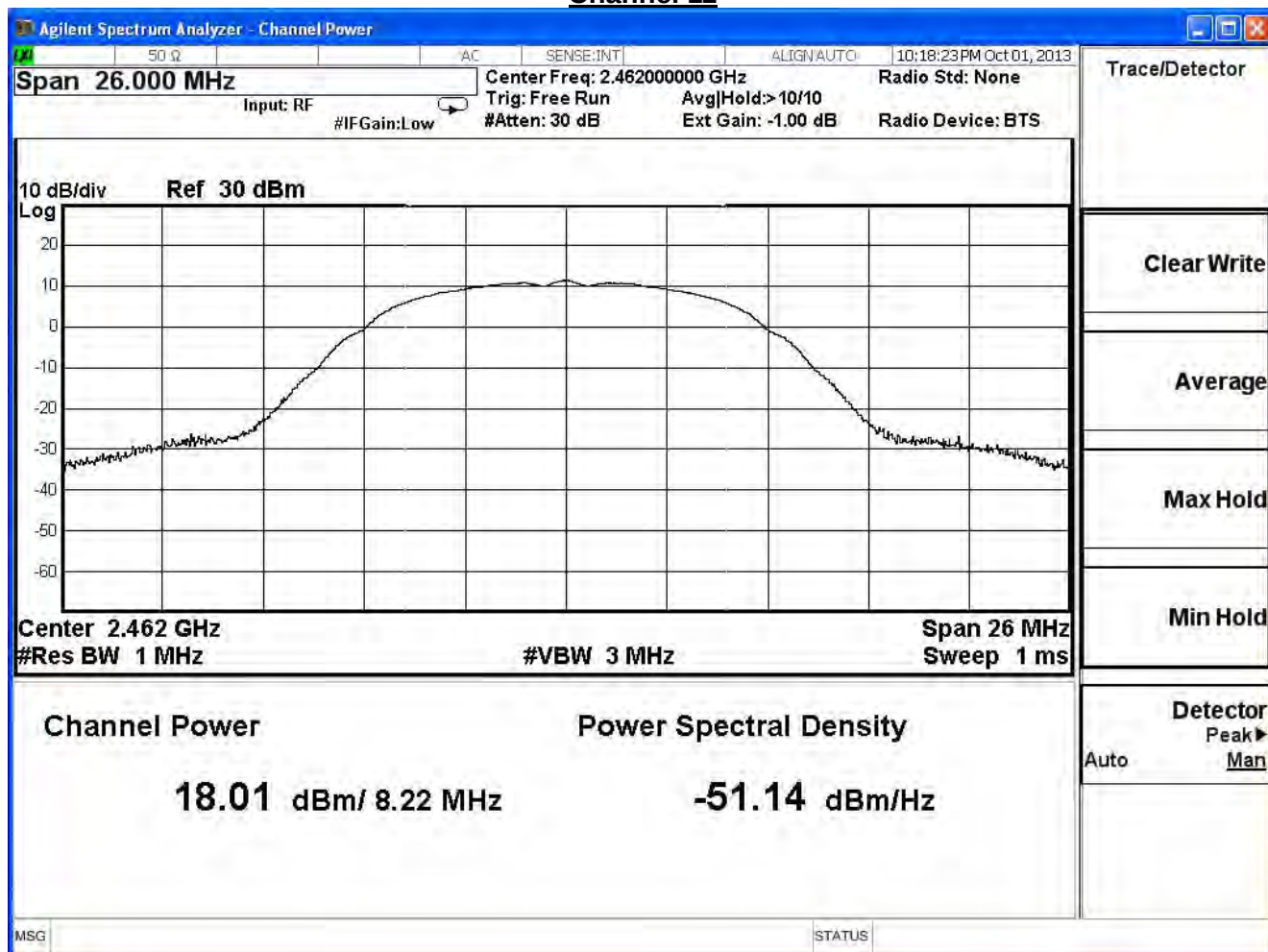
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

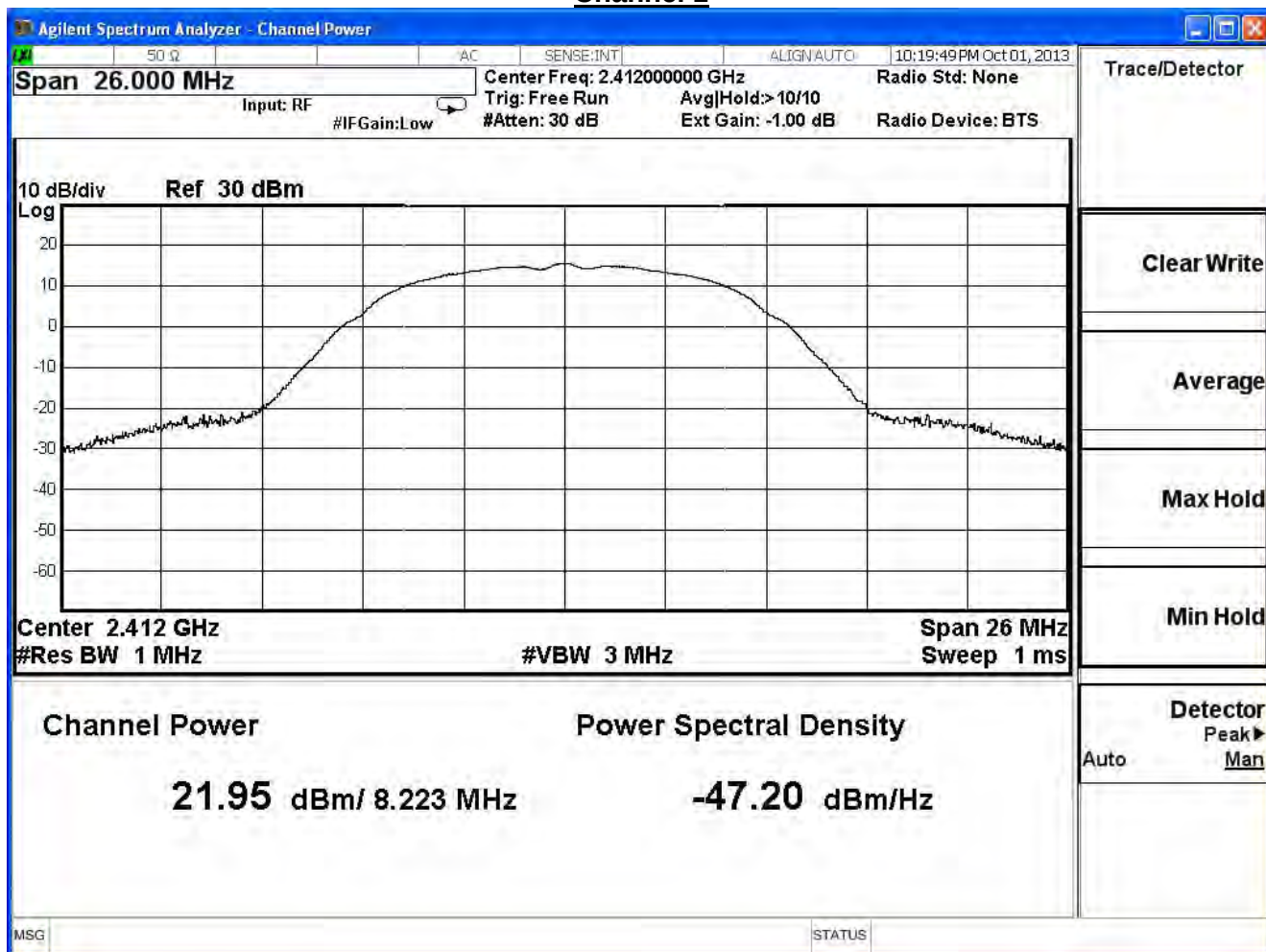
IEEE 802.11b (ANT1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.95	≤ 30	Pass
6	2437	16.50	≤ 30	Pass
11	2462	17.74	≤ 30	Pass

The worst emission of data rate is 1Mbps.

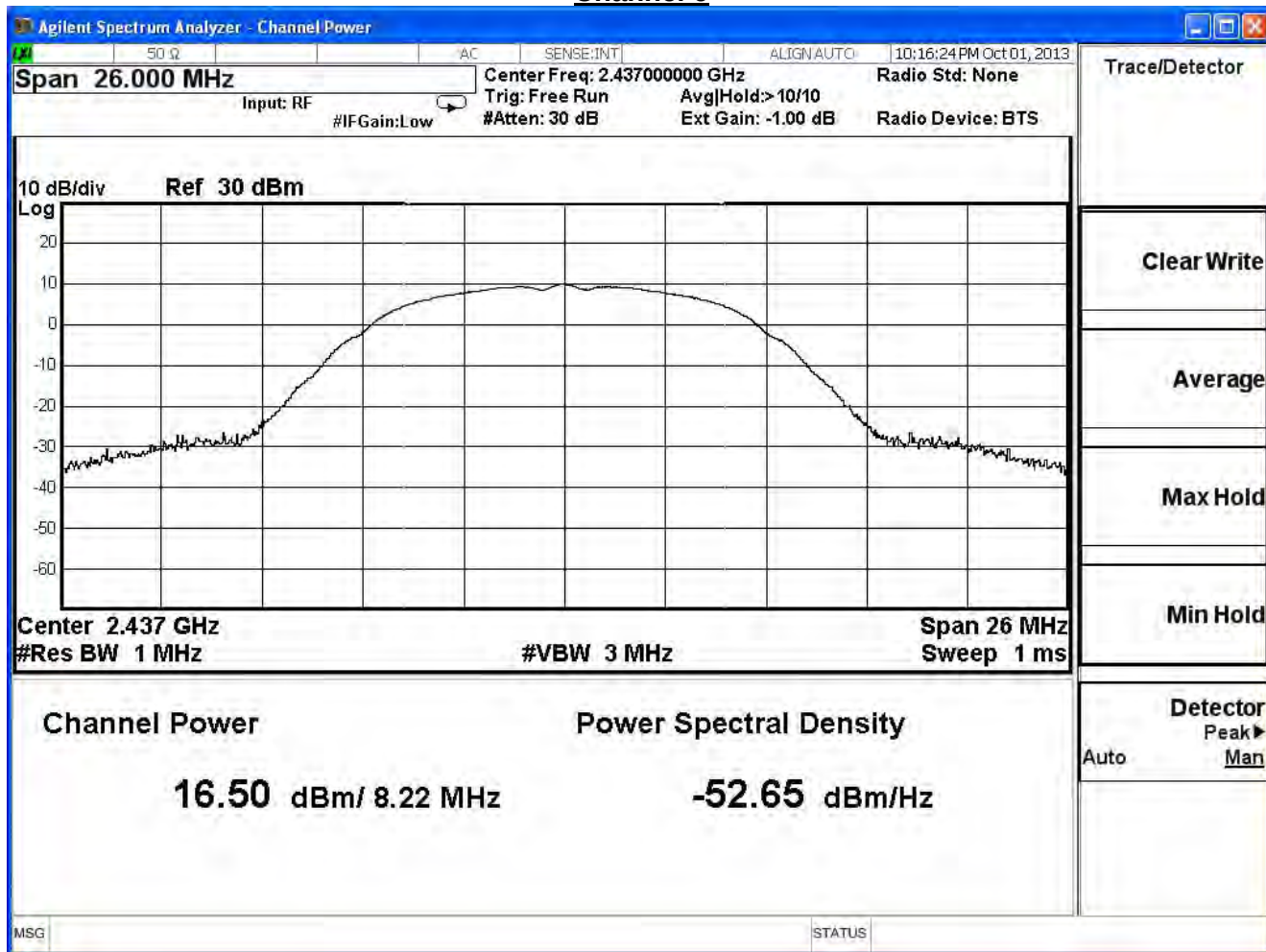
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	21.95	--	--	--	1 Watt=30dBm
6	2437	16.50	16.30	16.18	16.07	1 Watt=30dBm
11	2462	17.74	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

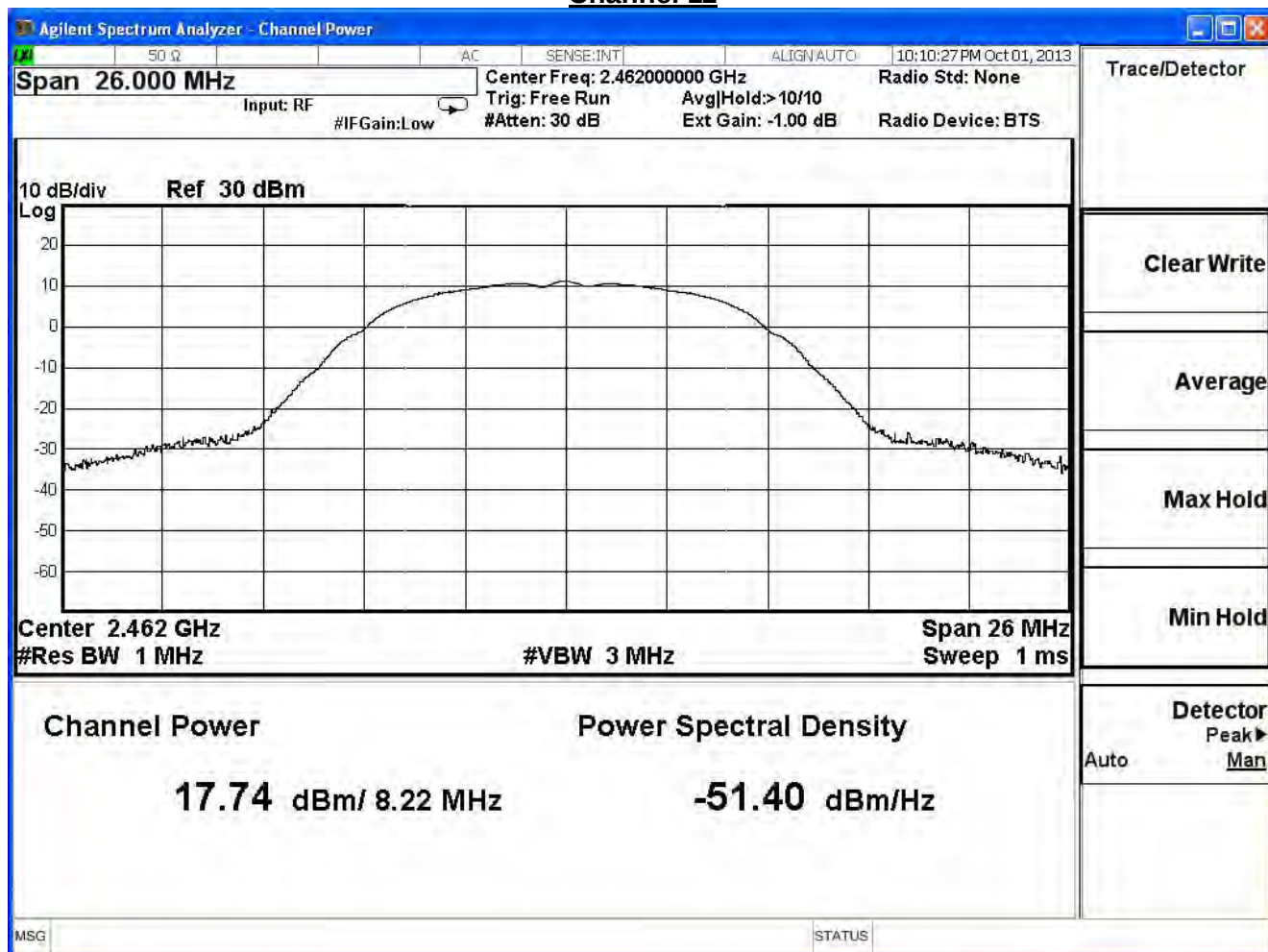
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

IEEE 802.11b (ANT0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	24.85	≤ 30	Pass
6	2437	19.57	≤ 30	Pass
11	2462	20.89	≤ 30	Pass

The worst emission of data rate is 1Mbps.

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	24.85	--	--	--	1 Watt=30dBm
6	2437	19.57	19.42	19.24	19.13	1 Watt=30dBm
11	2462	20.89	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

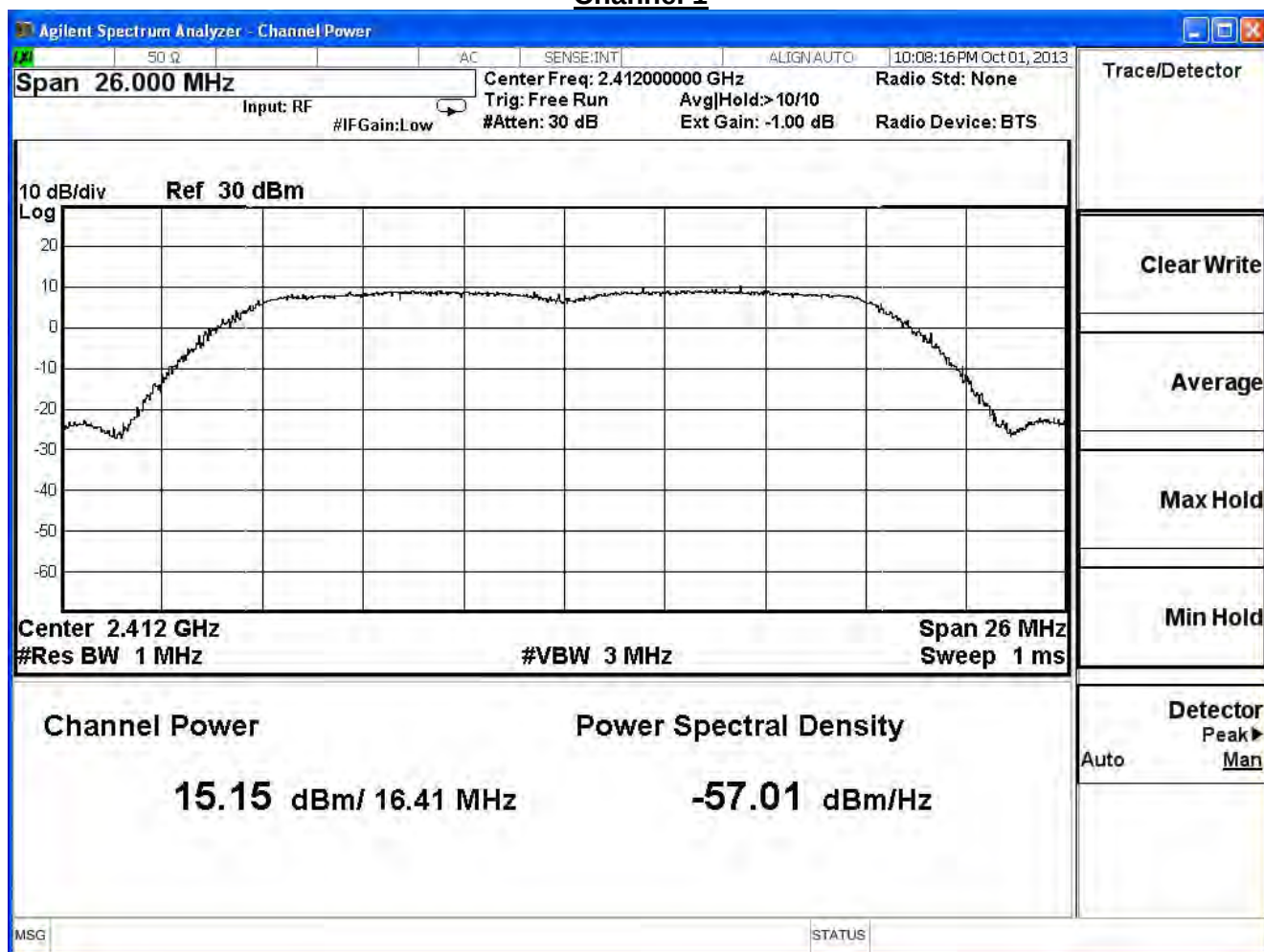
IEEE 802.11g (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	15.15	≤ 30	Pass
6	2437	15.72	≤ 30	Pass
11	2462	12.10	≤ 30	Pass

The worst emission of data rate is 6Mbps.

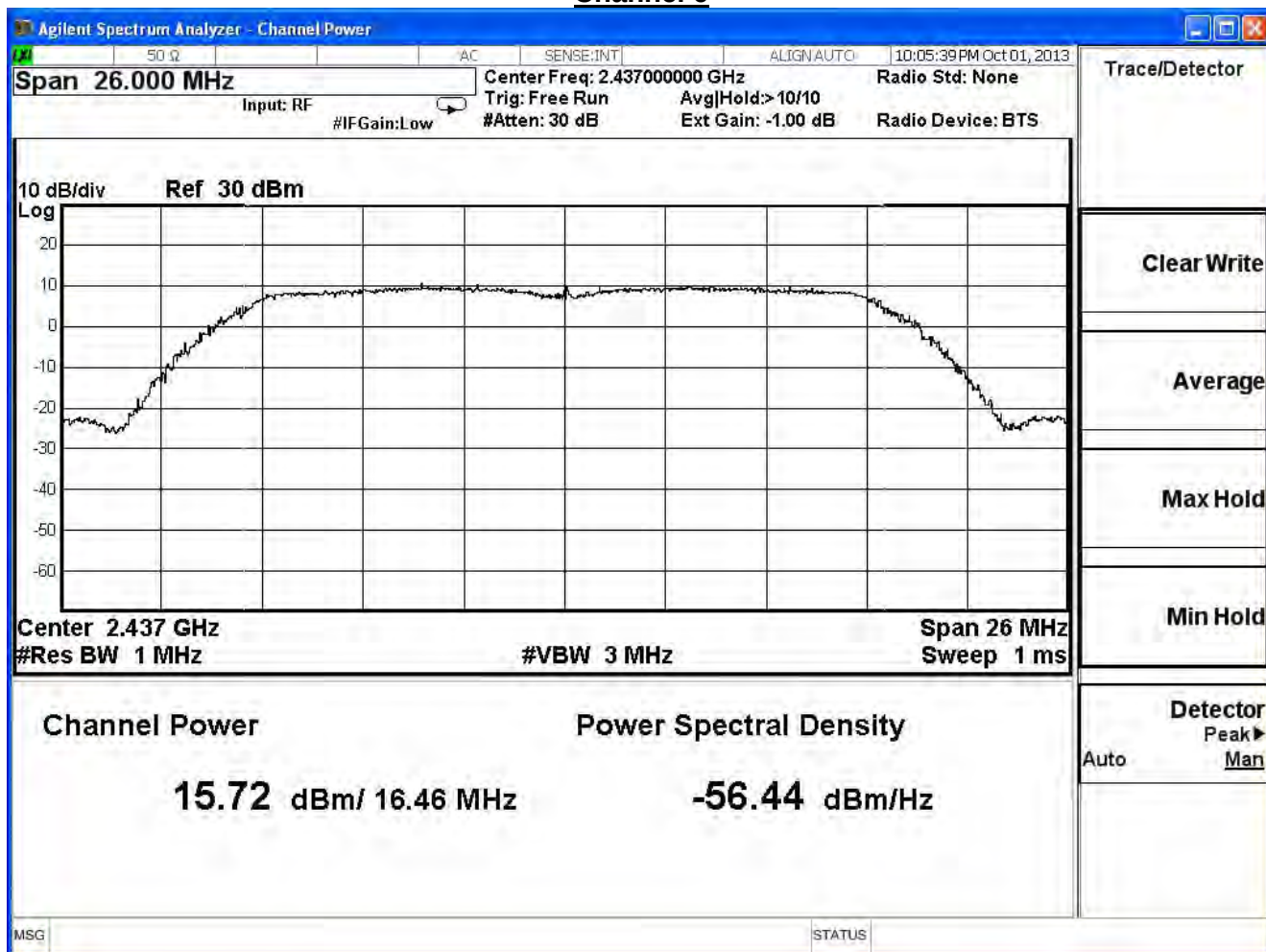
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	15.15	--	--	--	--	--	--	1 Watt=30dBm
6	2437	15.72	15.52	15.30	15.04	14.80	14.58	14.34	1 Watt=30dBm
11	2462	12.10	--	--	--	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

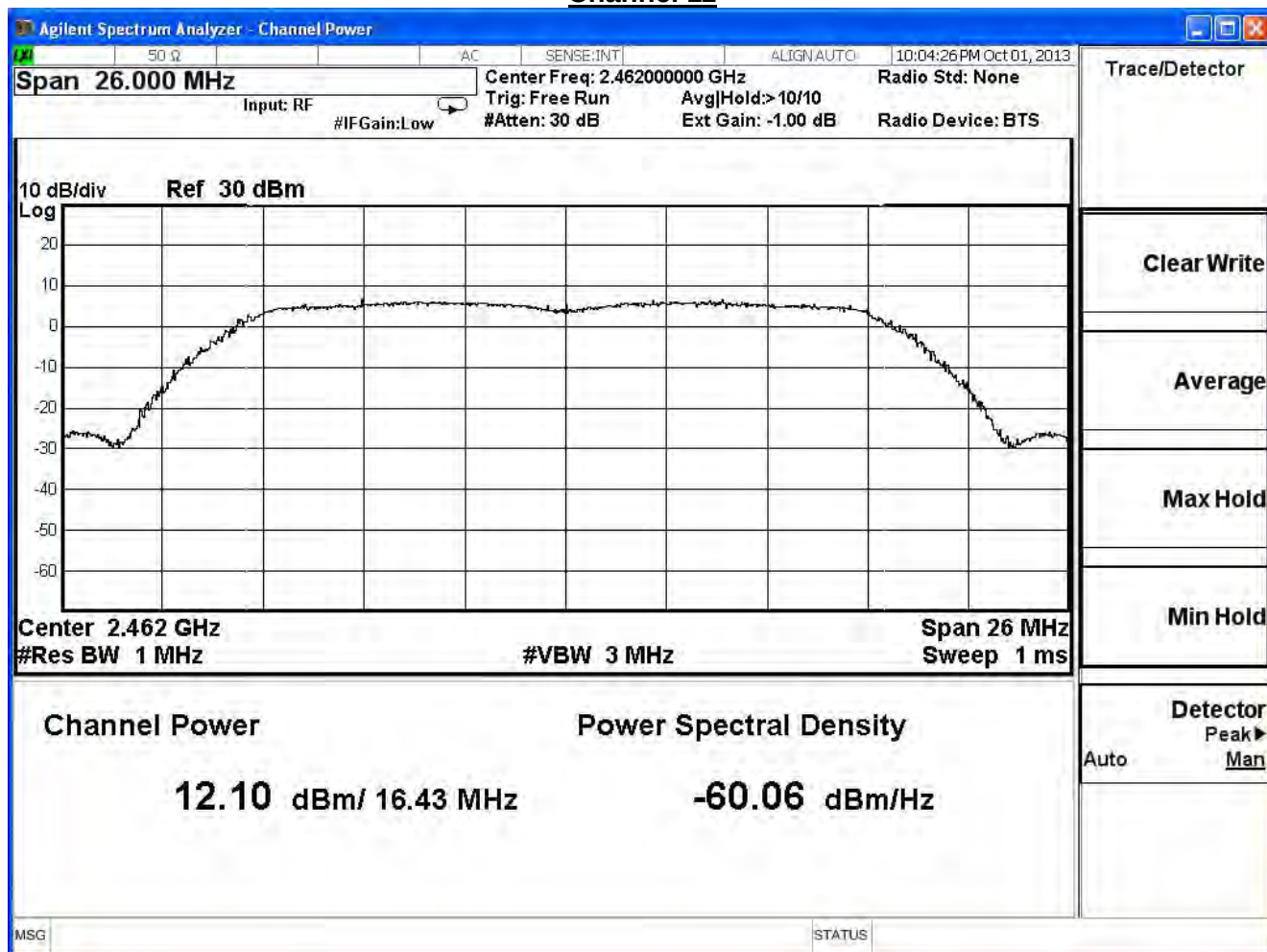
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

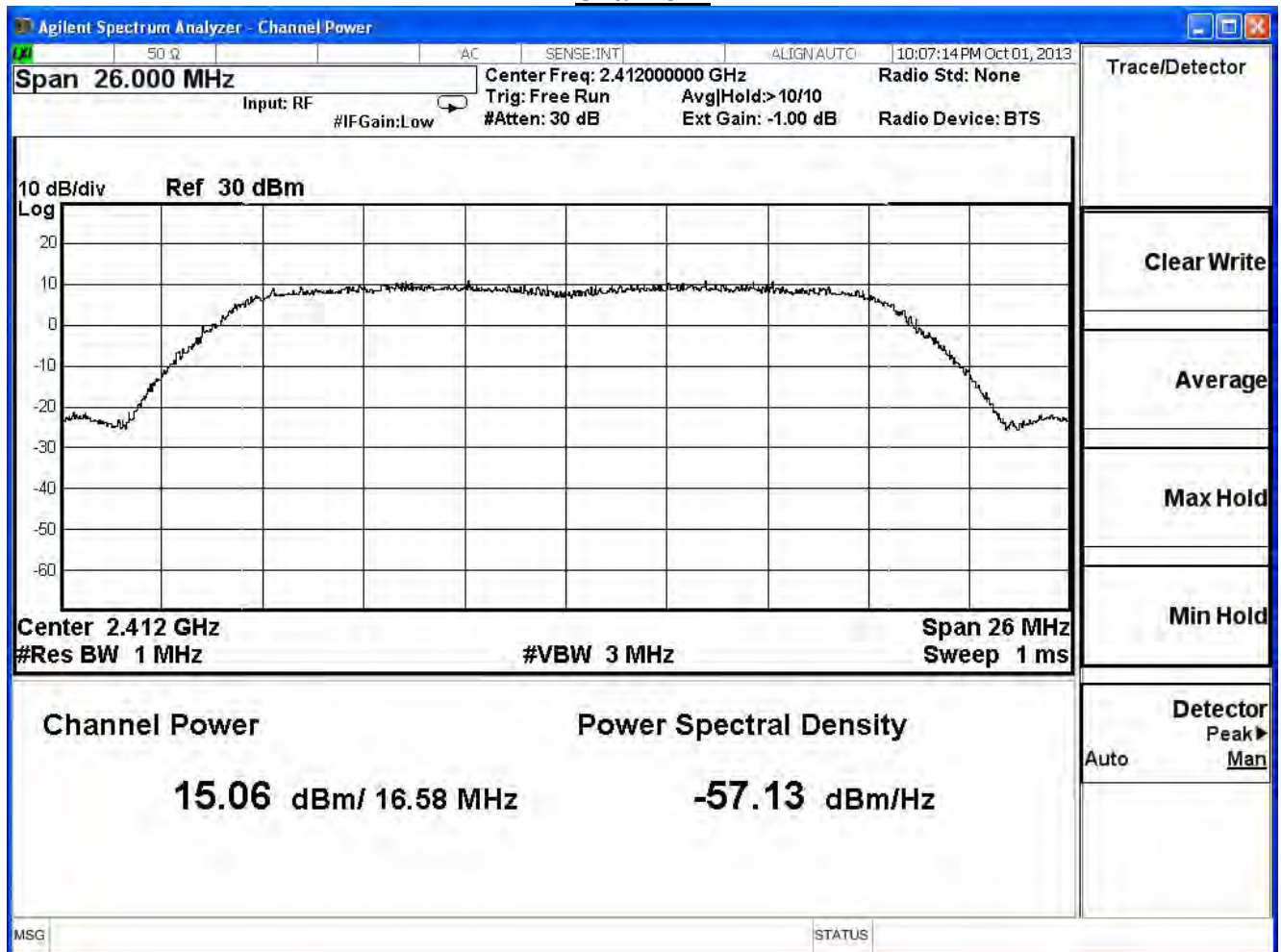
IEEE 802.11g (ANT1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	15.06	≤ 30	Pass
6	2437	14.70	≤ 30	Pass
11	2462	11.38	≤ 30	Pass

The worst emission of data rate is 6Mbps.

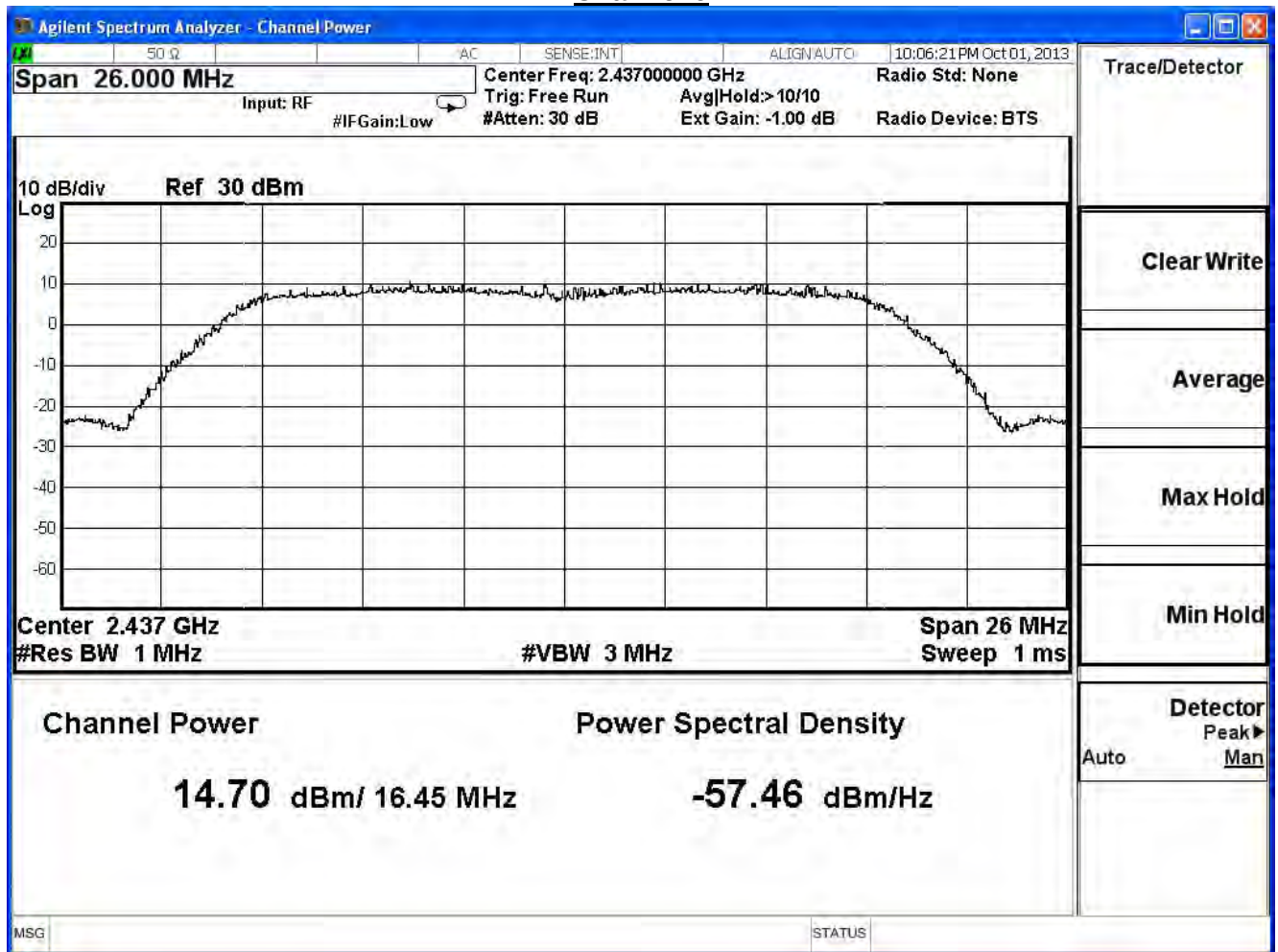
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	15.06	--	--	--	--	--	--	1 Watt=30dBm
6	2437	14.70	14.60	14.38	14.12	14.00	13.89	13.65	1 Watt=30dBm
11	2462	11.38	--	--	--	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

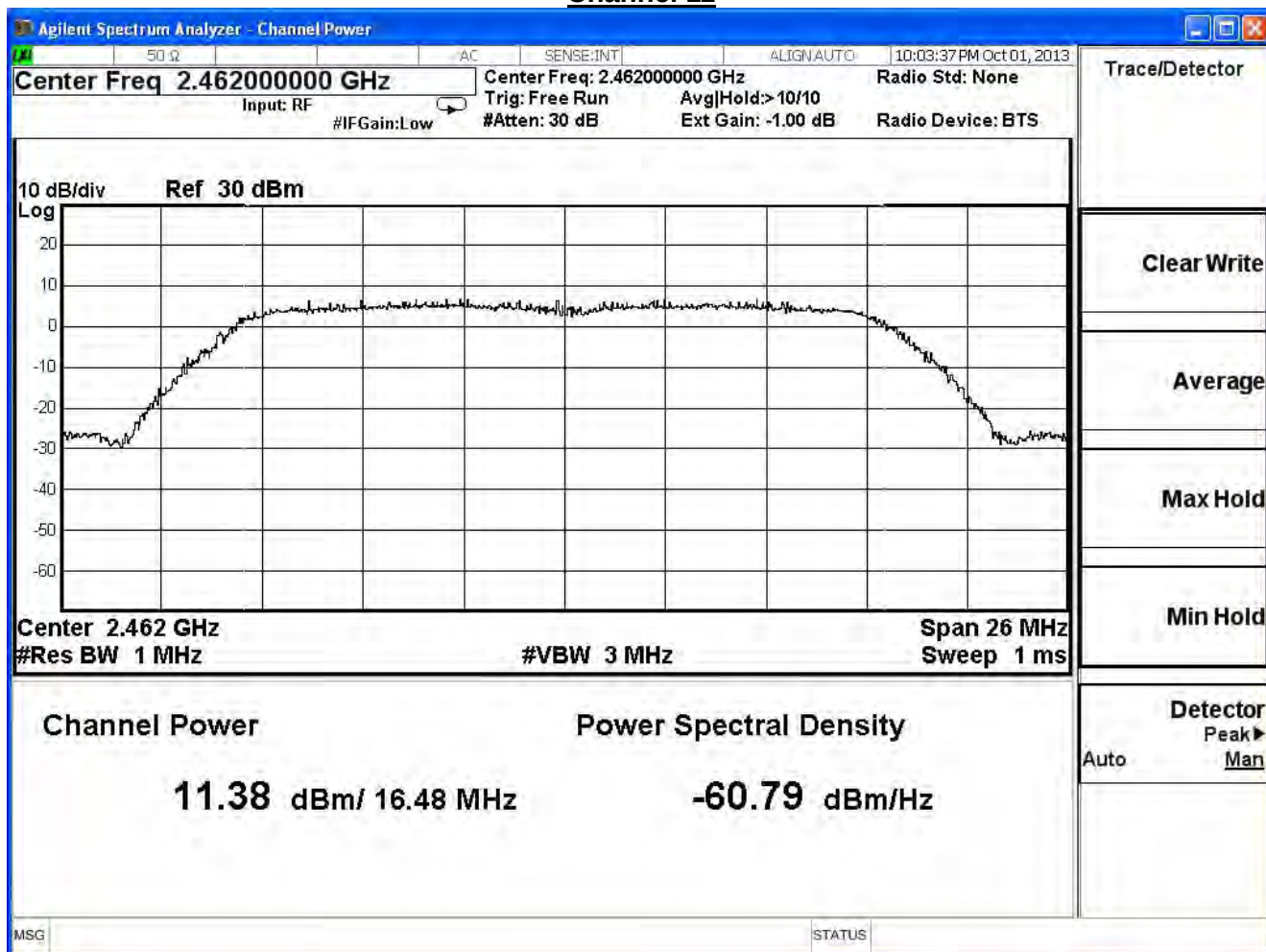
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

IEEE 802.11g (ANT0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.12	≤ 30	Pass
6	2437	18.25	≤ 30	Pass
11	2462	14.77	≤ 30	Pass

The worst emission of data rate is 6Mbps.

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.12	--	--	--	--	--	--	1 Watt=30dBm
6	2437	18.25	18.09	17.87	17.61	17.43	17.26	17.02	1 Watt=30dBm
11	2462	14.77	--	--	--	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

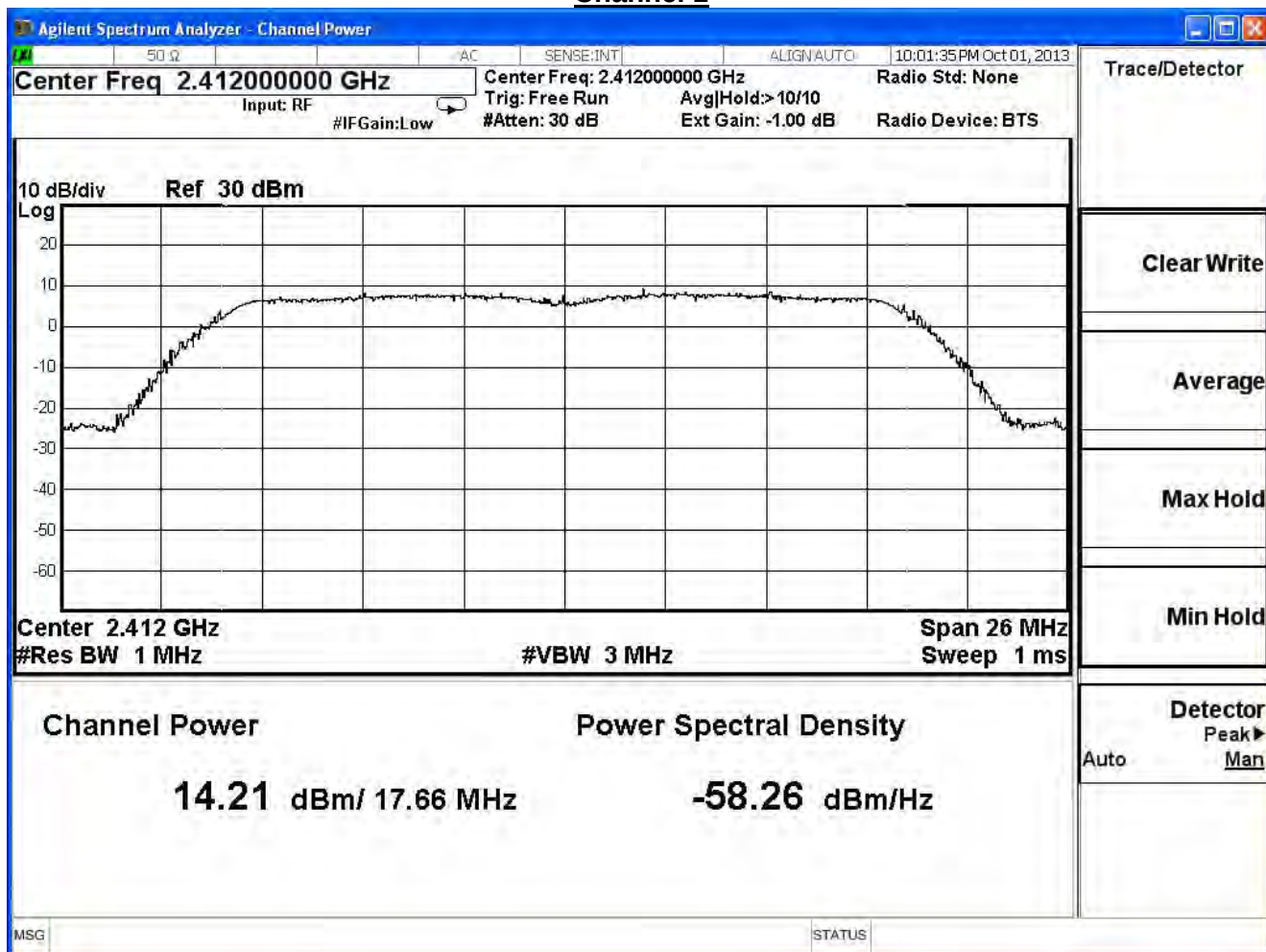
IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	14.21	≤ 30	Pass
6	2437	13.37	≤ 30	Pass
11	2462	13.80	≤ 30	Pass

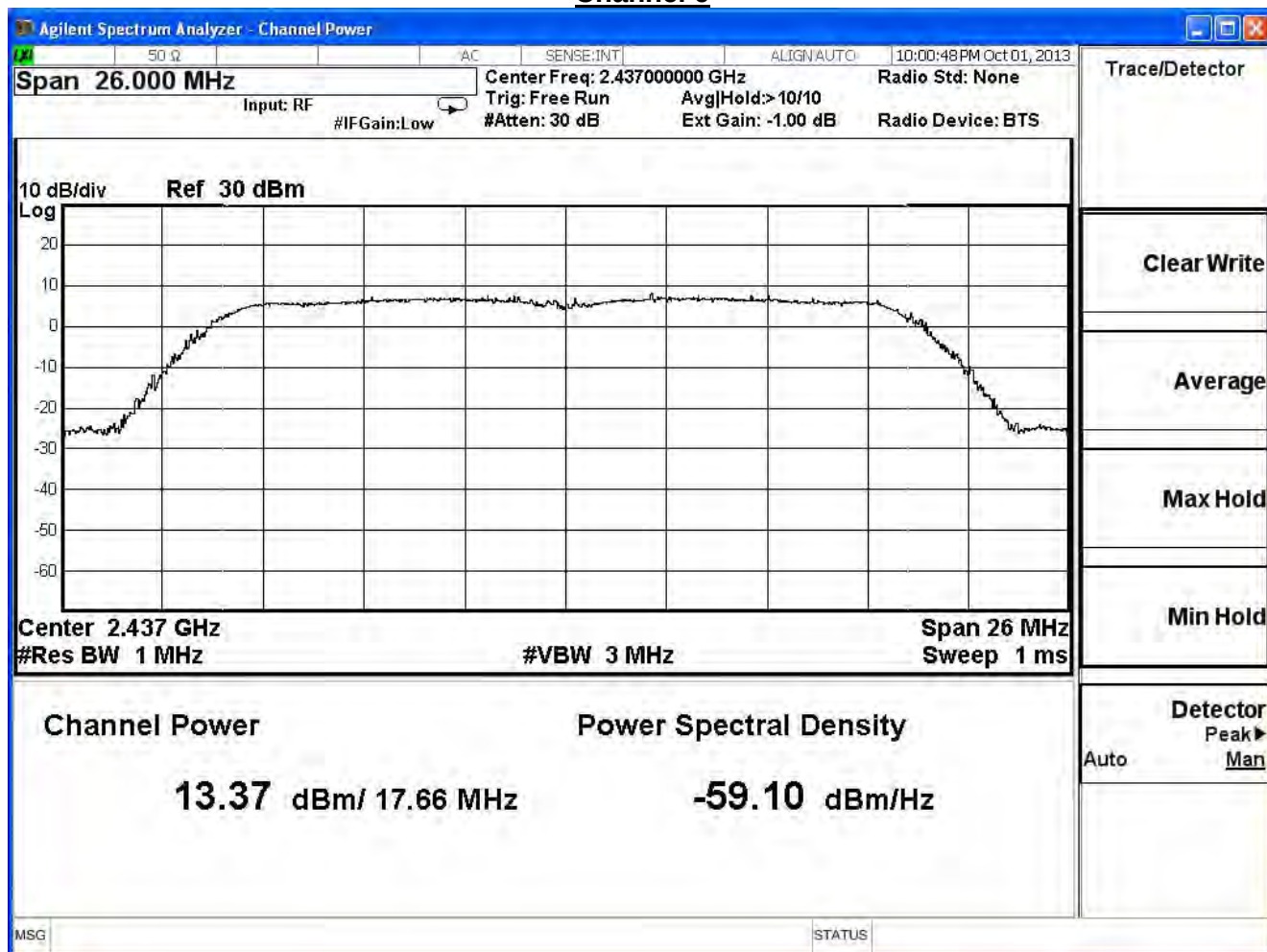
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	14.21	--	--	--	--	--	--	--	30dBm
6	2437	13.37	13.13	13.03	12.81	12.68	12.56	12.44	12.22	30dBm
11	2462	13.8	--	--	--	--	--	--	--	30dBm

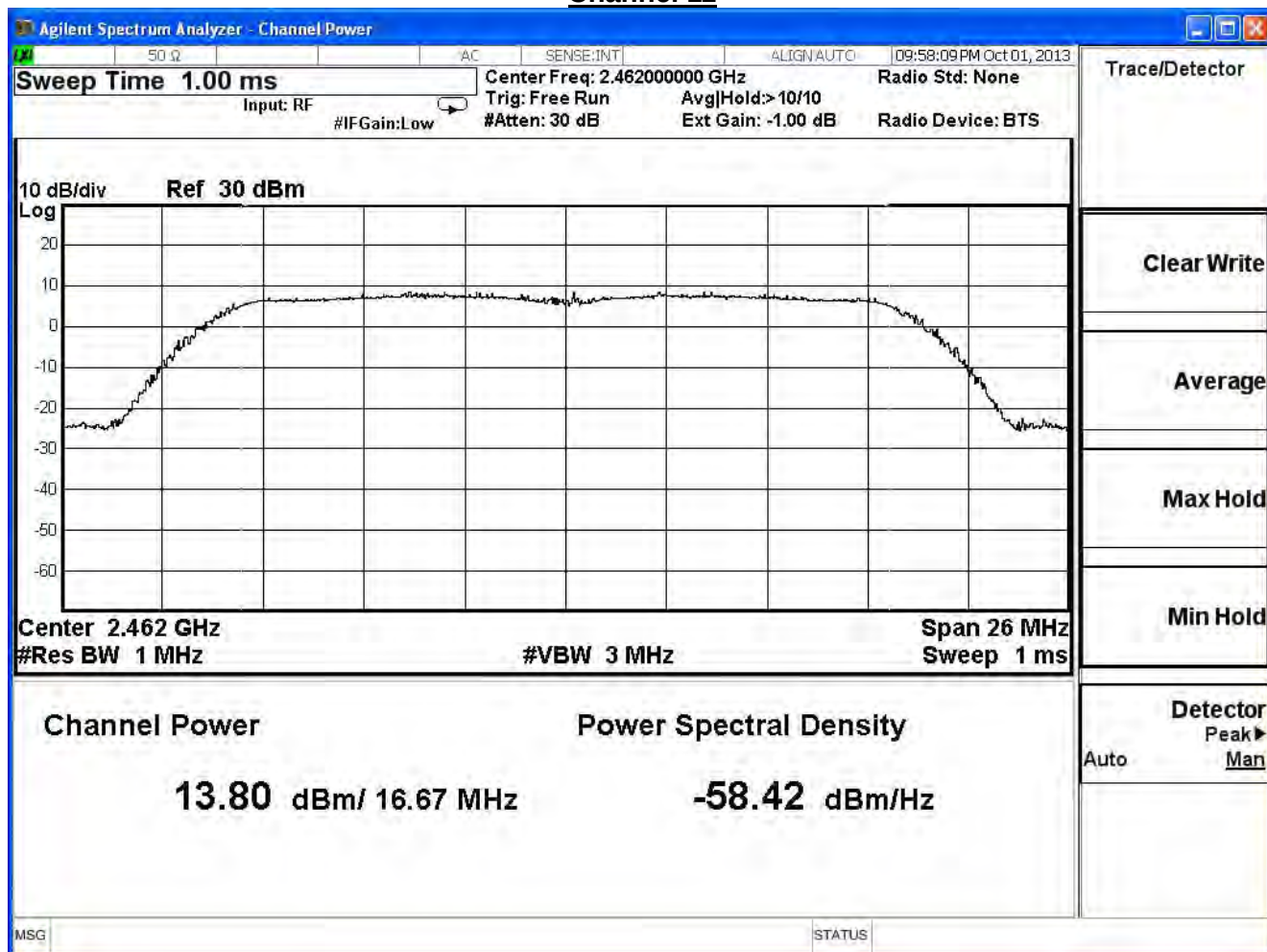
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

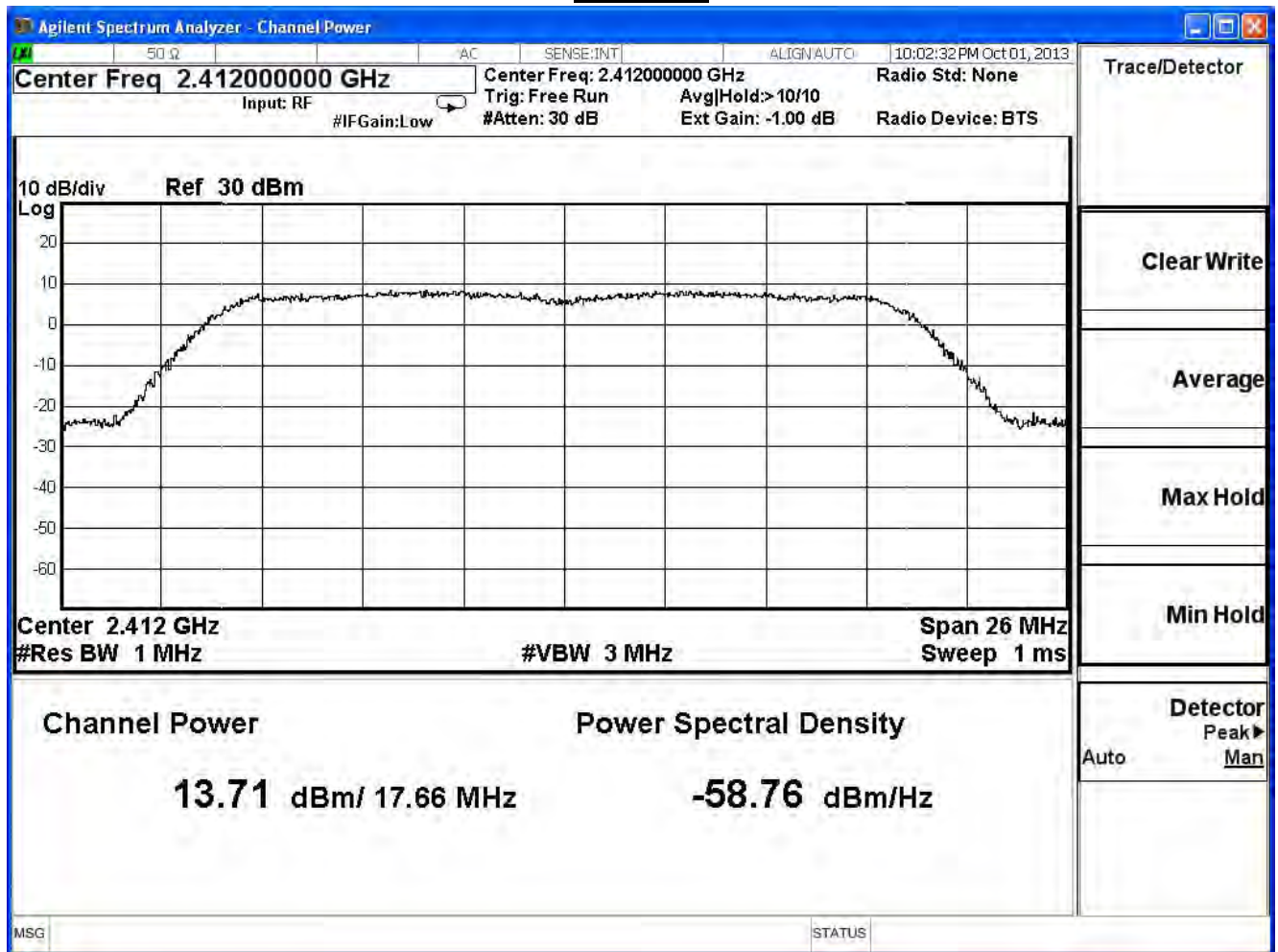
IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	13.71	≤ 30	Pass
6	2437	13.19	≤ 30	Pass
11	2462	12.63	≤ 30	Pass

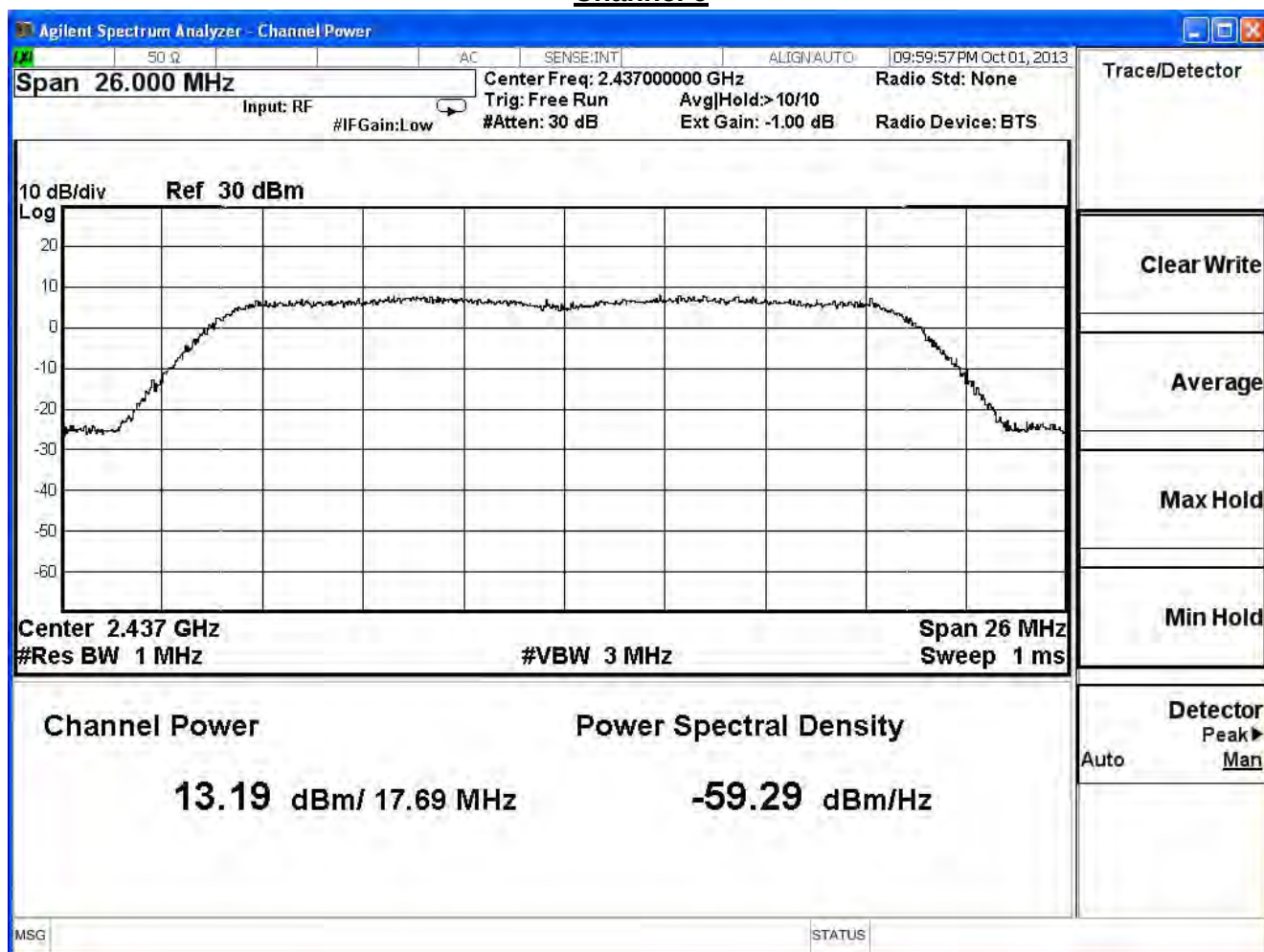
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	13.71	--	--	--	--	--	--	--	30dBm
6	2437	13.19	13.09	12.97	12.87	12.75	12.63	12.51	12.38	30dBm
11	2462	12.63	--	--	--	--	--	--	--	30dBm

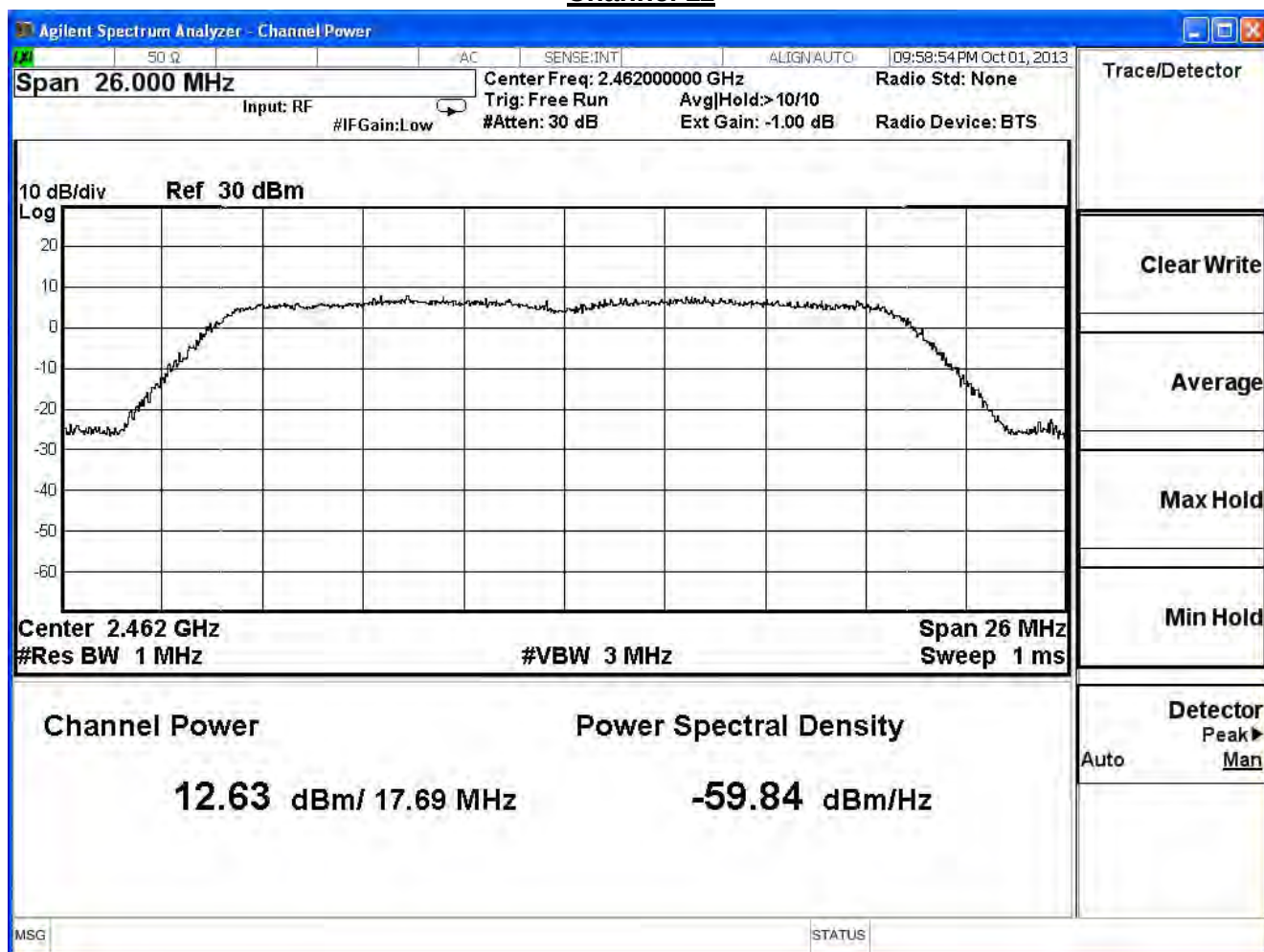
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.98	≤ 30	Pass
6	2437	16.29	≤ 30	Pass
11	2462	16.26	≤ 30	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	16.98	--	--	--	--	--	--	--	30dBm
6	2437	16.29	16.12	16.01	15.85	15.73	15.61	15.49	15.31	30dBm
11	2462	16.26	--	--	--	--	--	--	--	30dBm

Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

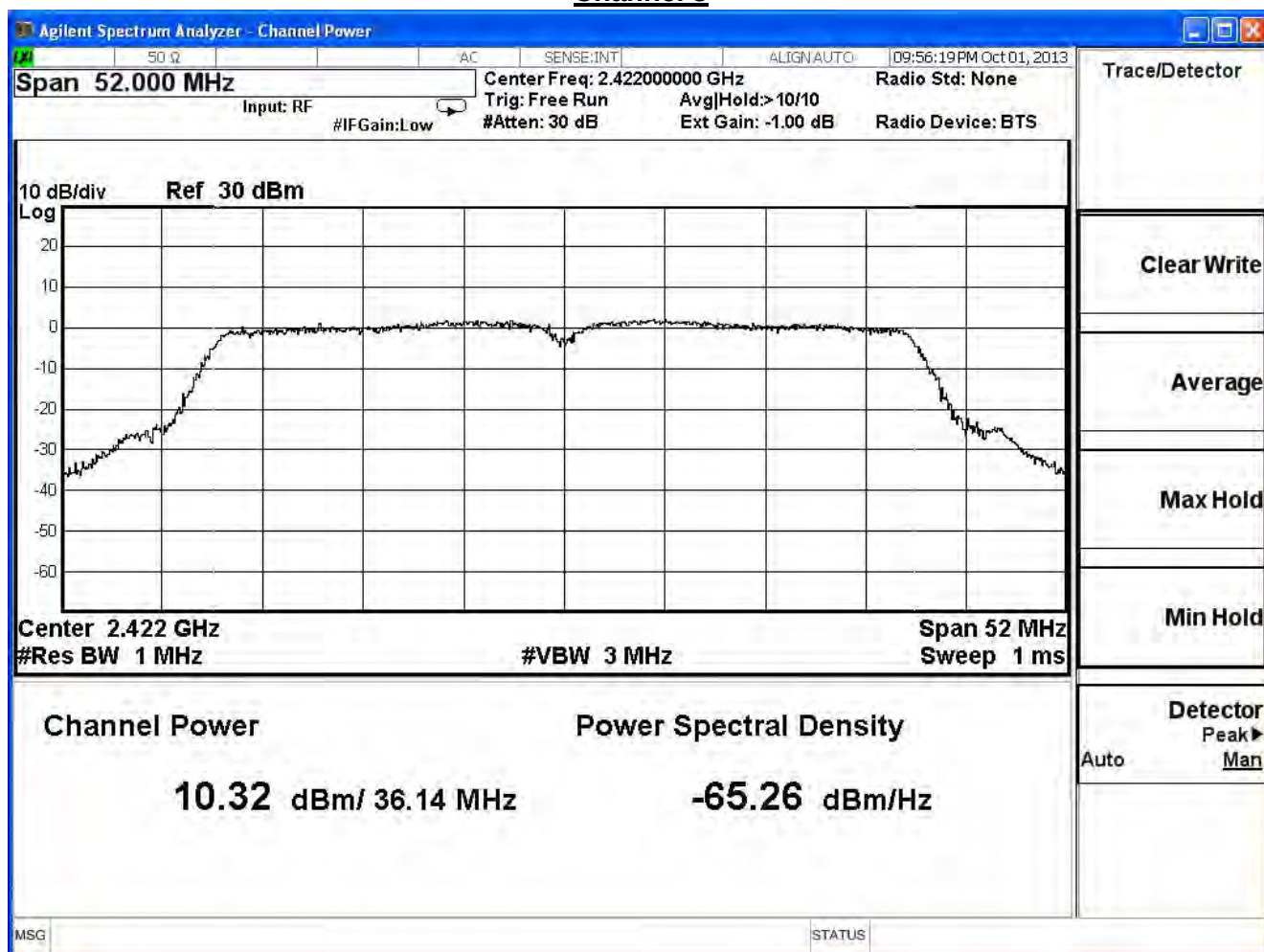
IEEE802.11n 40MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	10.32	≤ 30	Pass
6	2437	14.54	≤ 30	Pass
9	2452	8.79	≤ 30	Pass

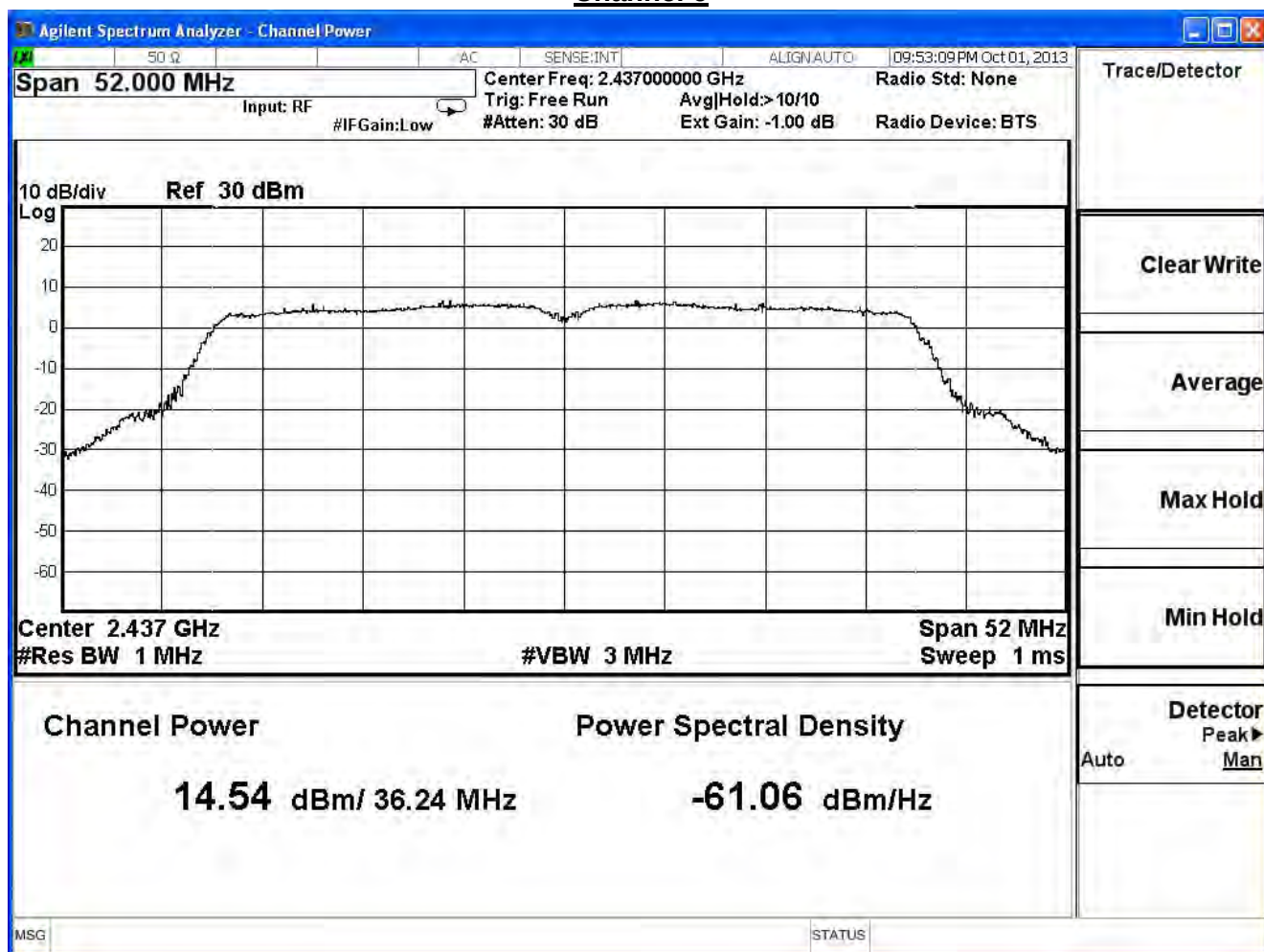
The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	10.32	--	--	--	--	--	--	--	30dBm
6	2437	14.54	14.34	14.23	14.03	13.83	13.59	13.33	13.09	30dBm
9	2452	8.79	--	--	--	--	--	--	--	30dBm

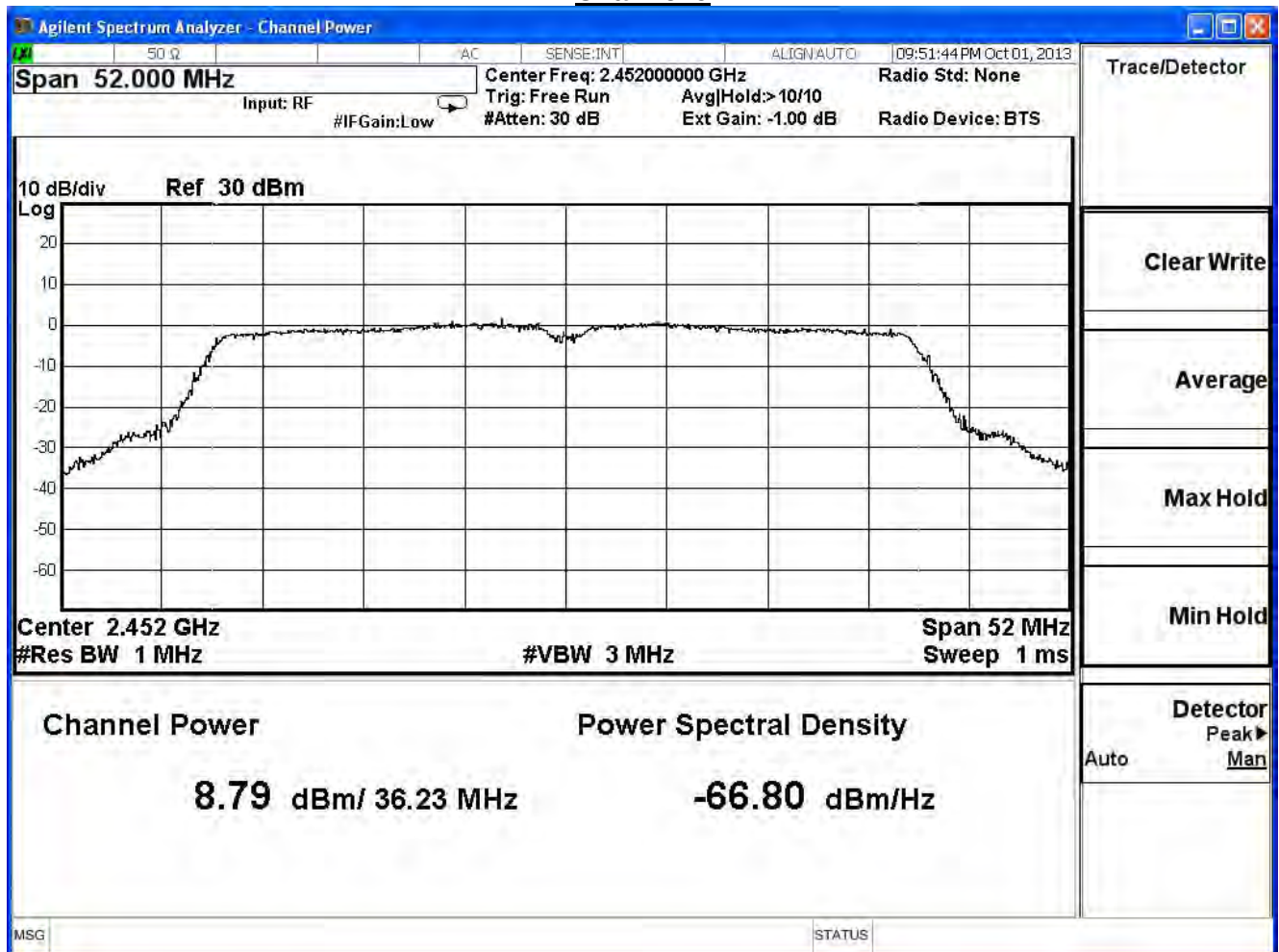
Channel 3



Channel 6



Channel 9



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

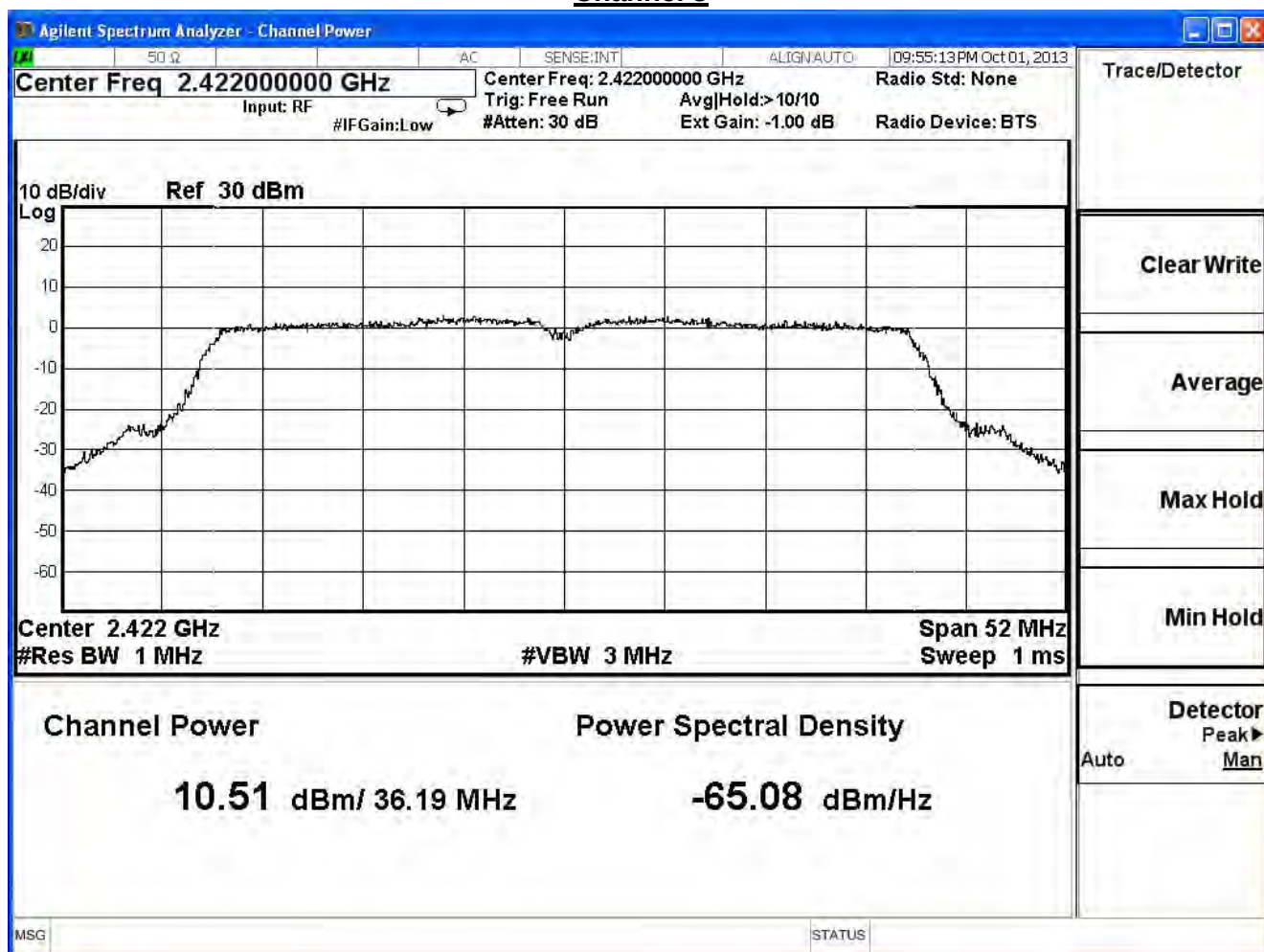
IEEE802.11n 40MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	10.51	≤ 30	Pass
6	2437	14.57	≤ 30	Pass
9	2452	9.37	≤ 30	Pass

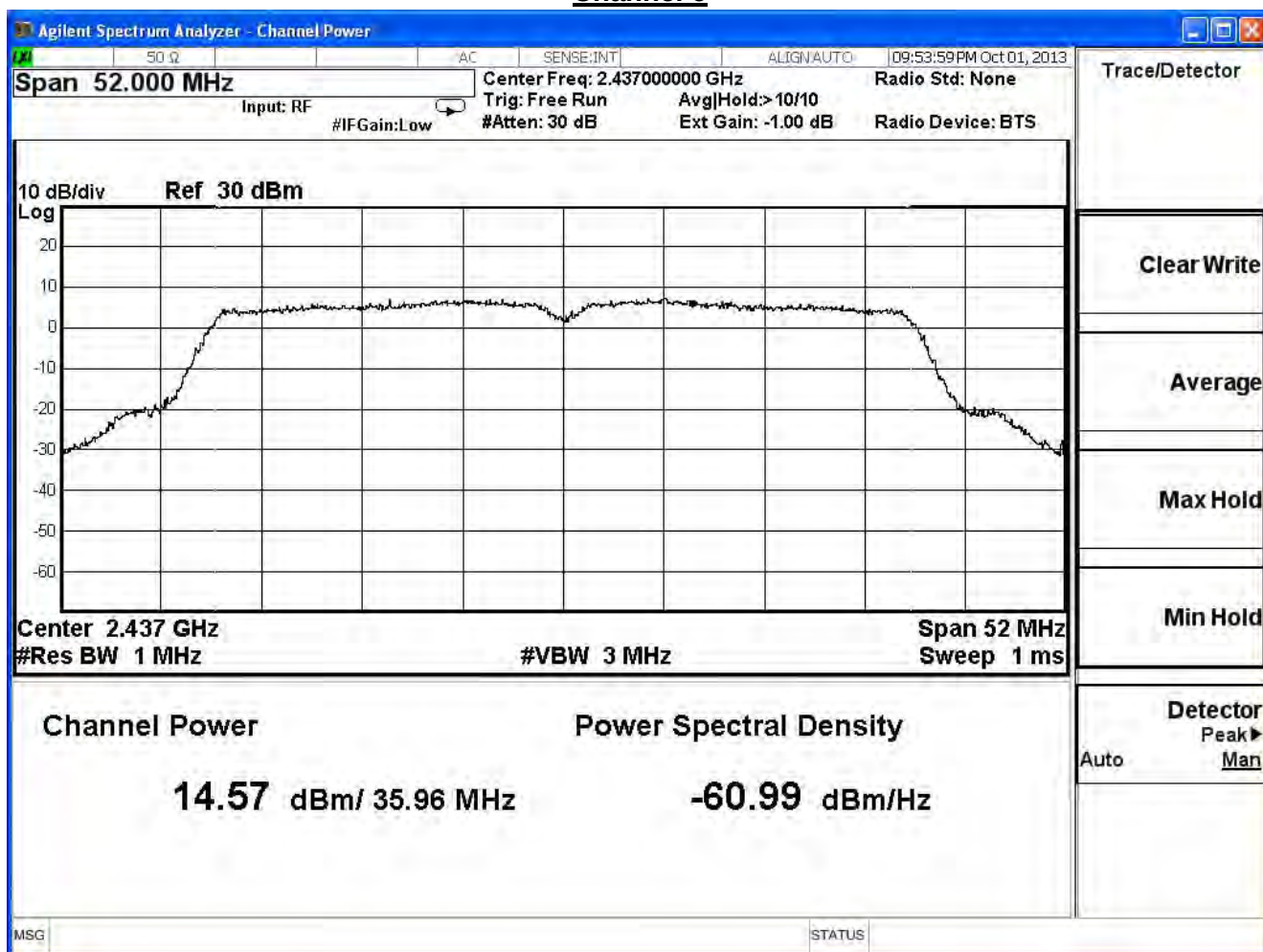
The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	10.51	--	--	--	--	--	--	--	30dBm
6	2437	14.57	14.37	14.17	14.04	13.84	13.72	13.48	13.36	30dBm
9	2452	9.37	--	--	--	--	--	--	--	30dBm

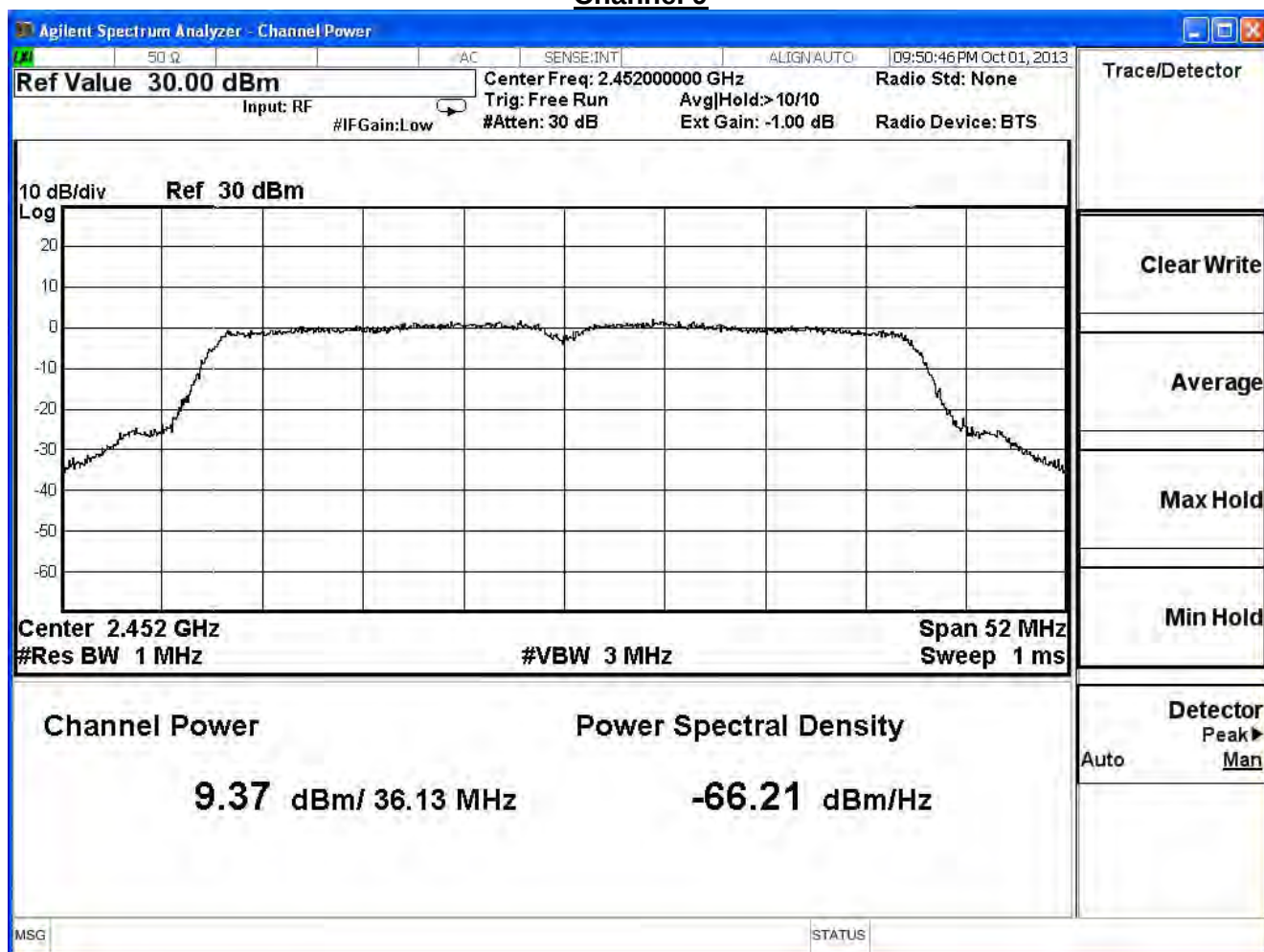
Channel 3



Channel 6



Channel 9



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/02	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	13.43	≤ 30	Pass
6	2437	17.57	≤ 30	Pass
9	2452	12.10	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	13.43	--	--	--	--	--	--	--	30dBm
6	2437	17.57	17.37	17.21	17.05	16.85	16.67	16.42	16.24	30dBm
9	2452	12.10	--	--	--	--	--	--	--	30dBm

Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/13	Test Site	SR7

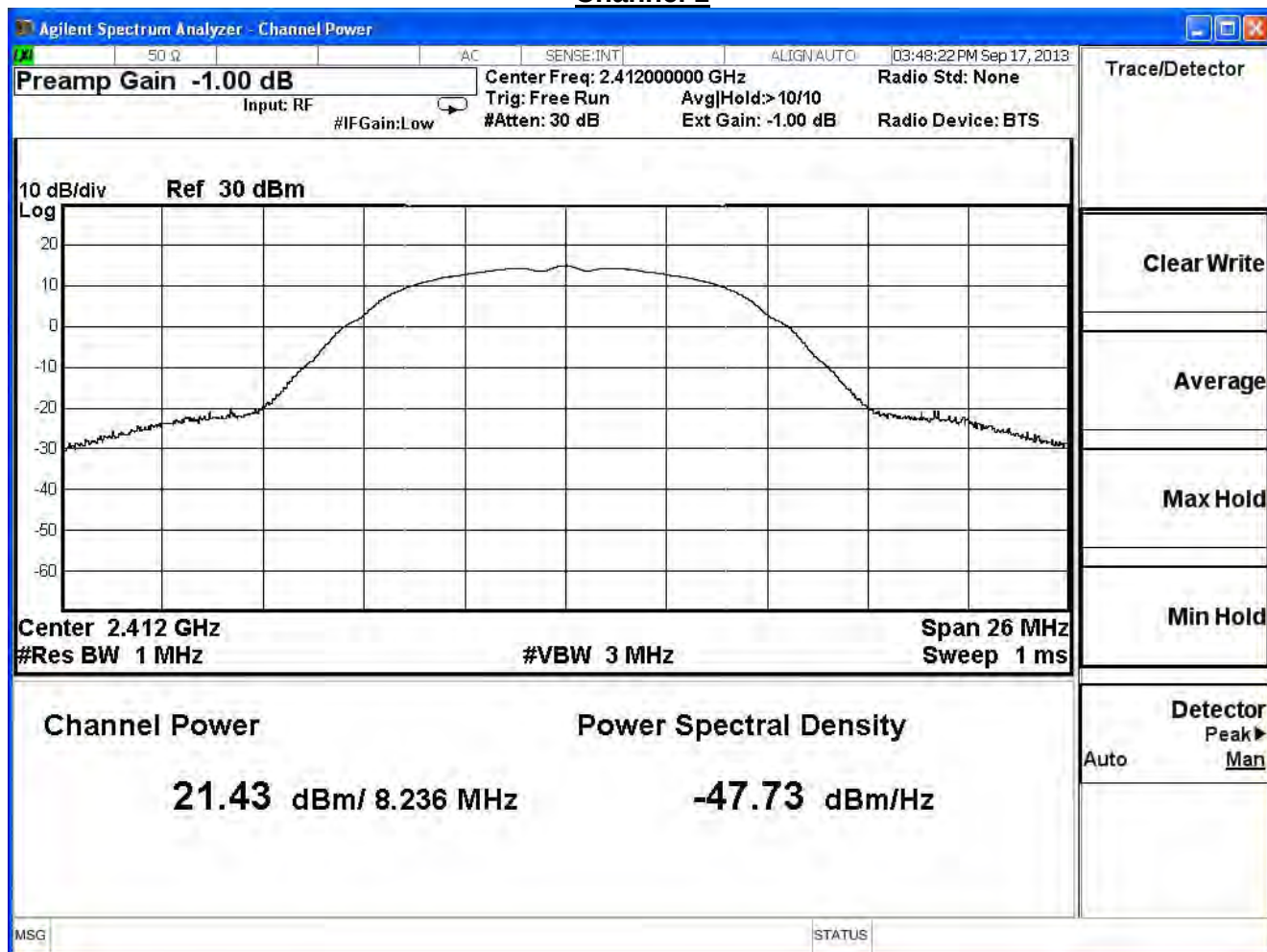
IEEE 802.11b (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.43	≤ 30	Pass
6	2437	20.36	≤ 30	Pass
11	2462	17.58	≤ 30	Pass

The worst emission of data rate is 1Mbps.

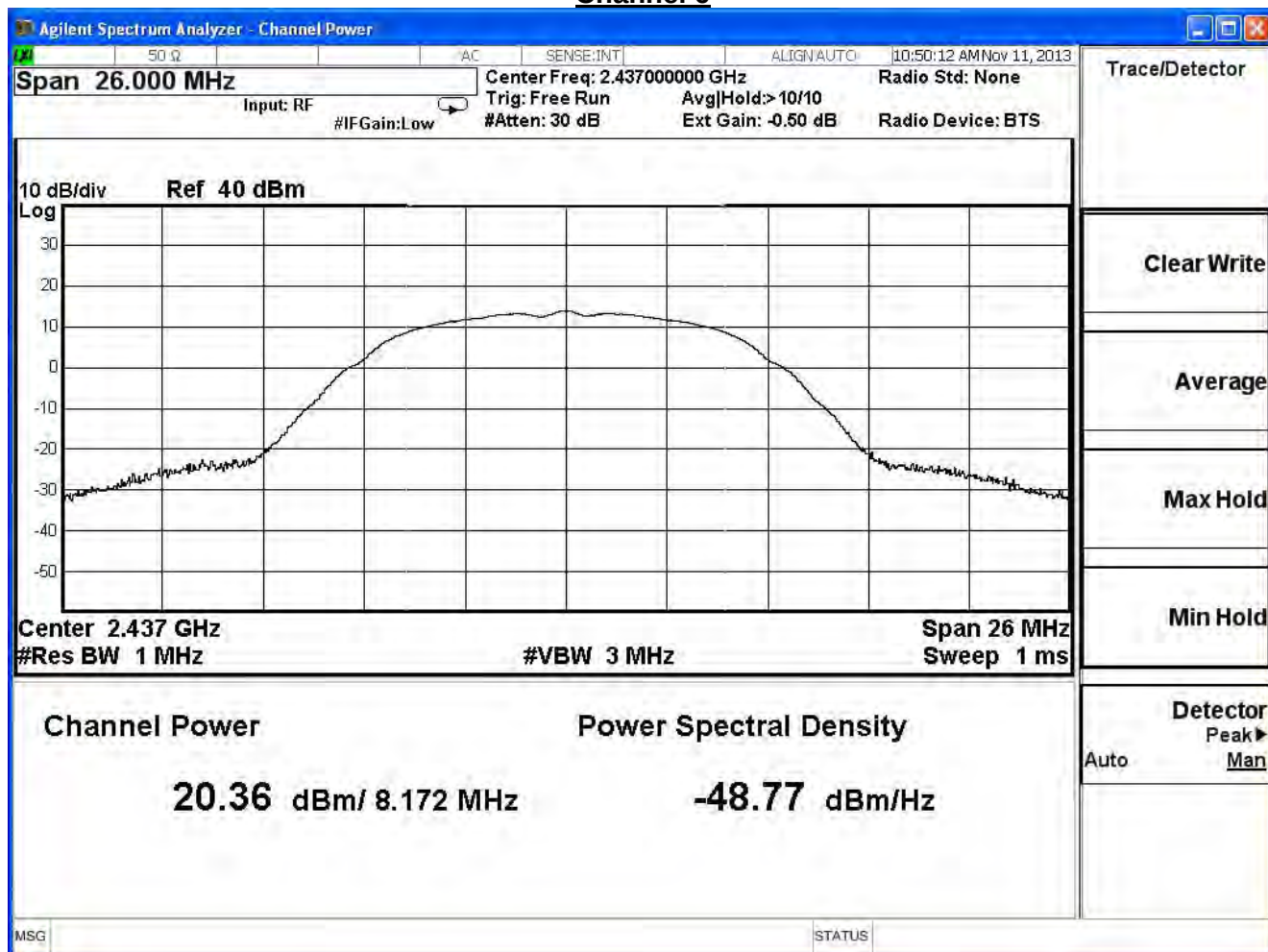
Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412	21.43	--	--	--	1 Watt=30dBm
6	2437	20.36	20.33	20.31	20.28	1 Watt=30dBm
11	2462	17.58	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

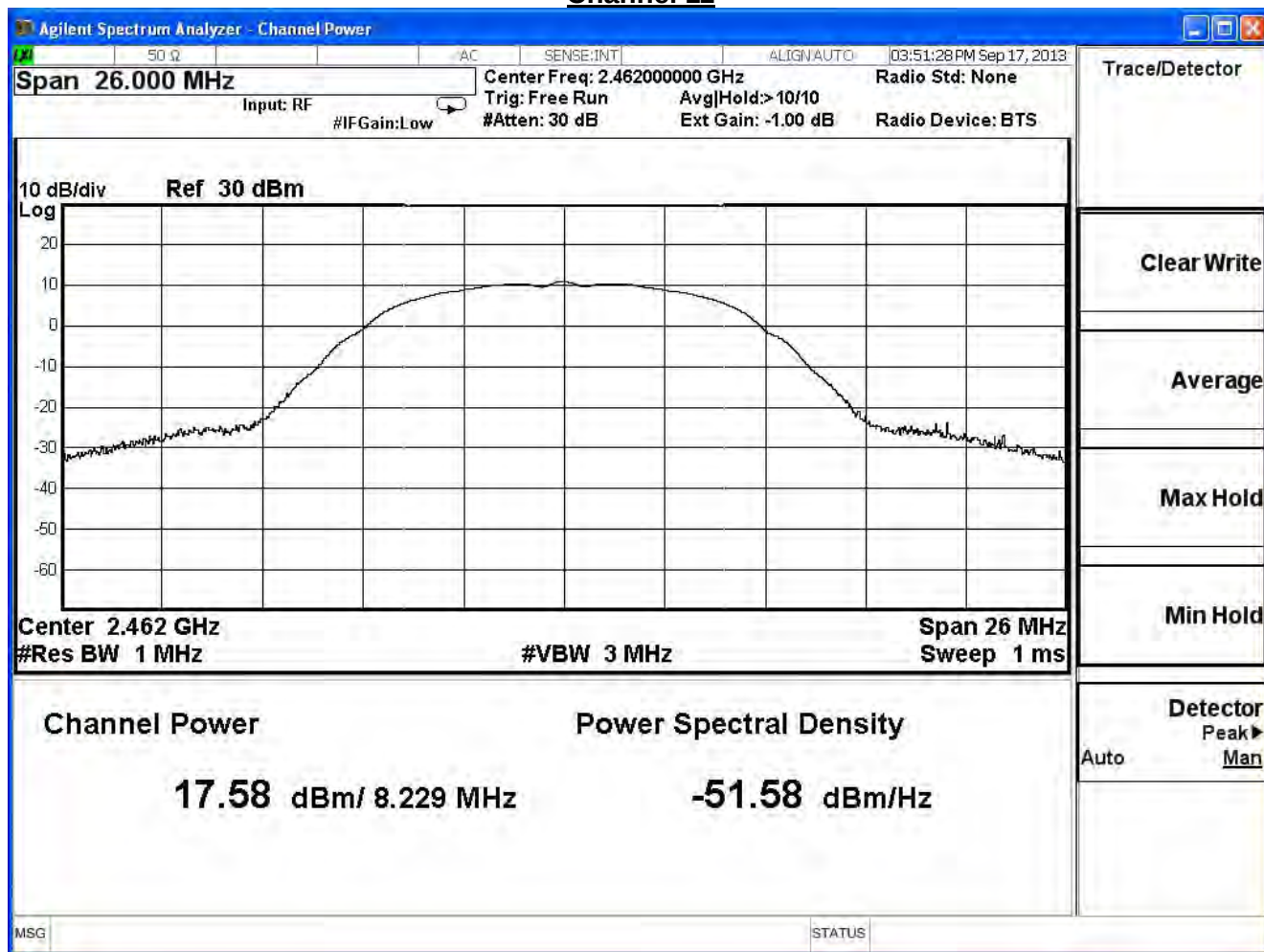
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/11	Test Site	SR7

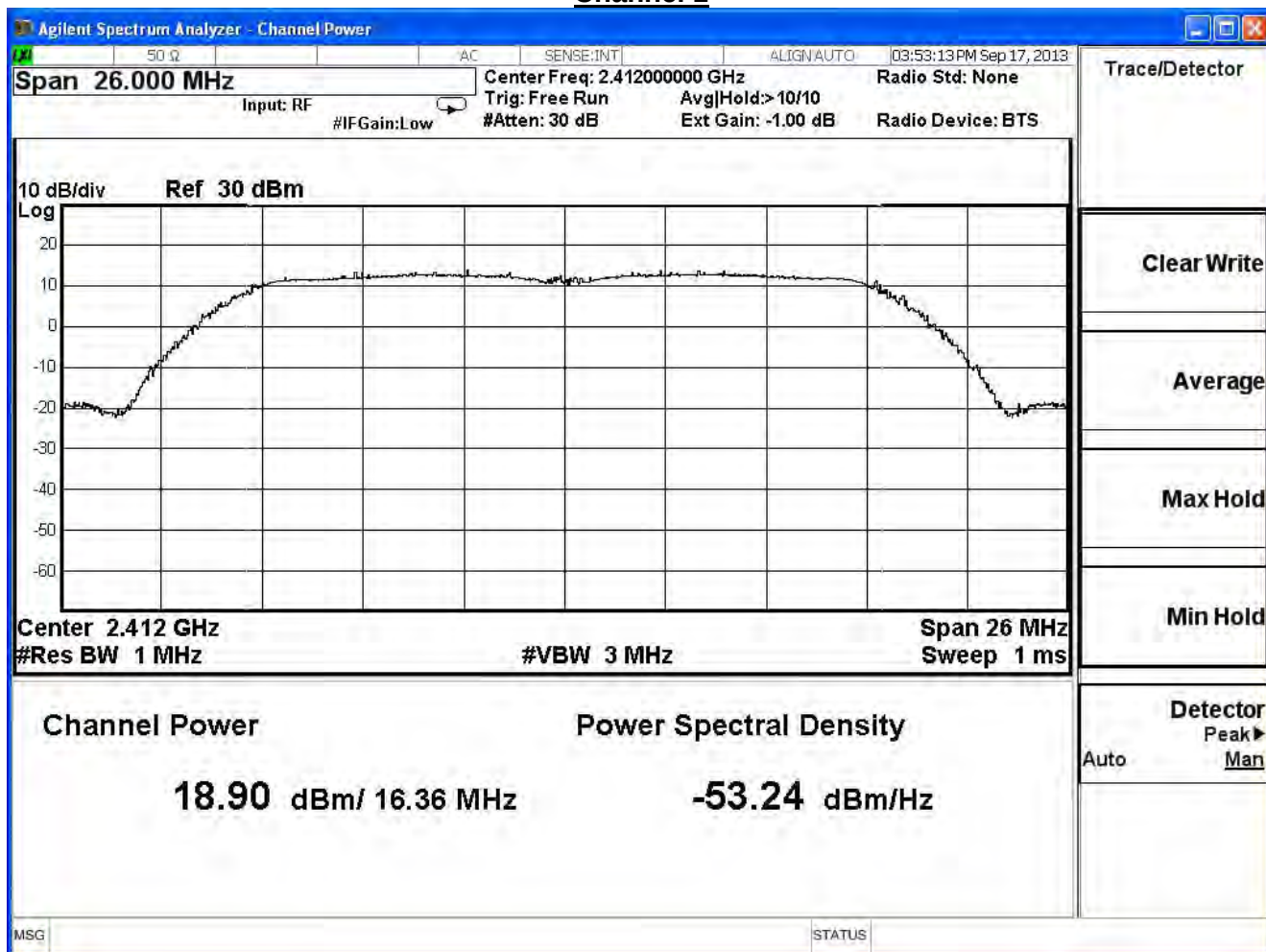
IEEE 802.11g (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.90	≤ 30	Pass
6	2437	21.39	≤ 30	Pass
11	2462	18.00	≤ 30	Pass

The worst emission of data rate is 6Mbps.

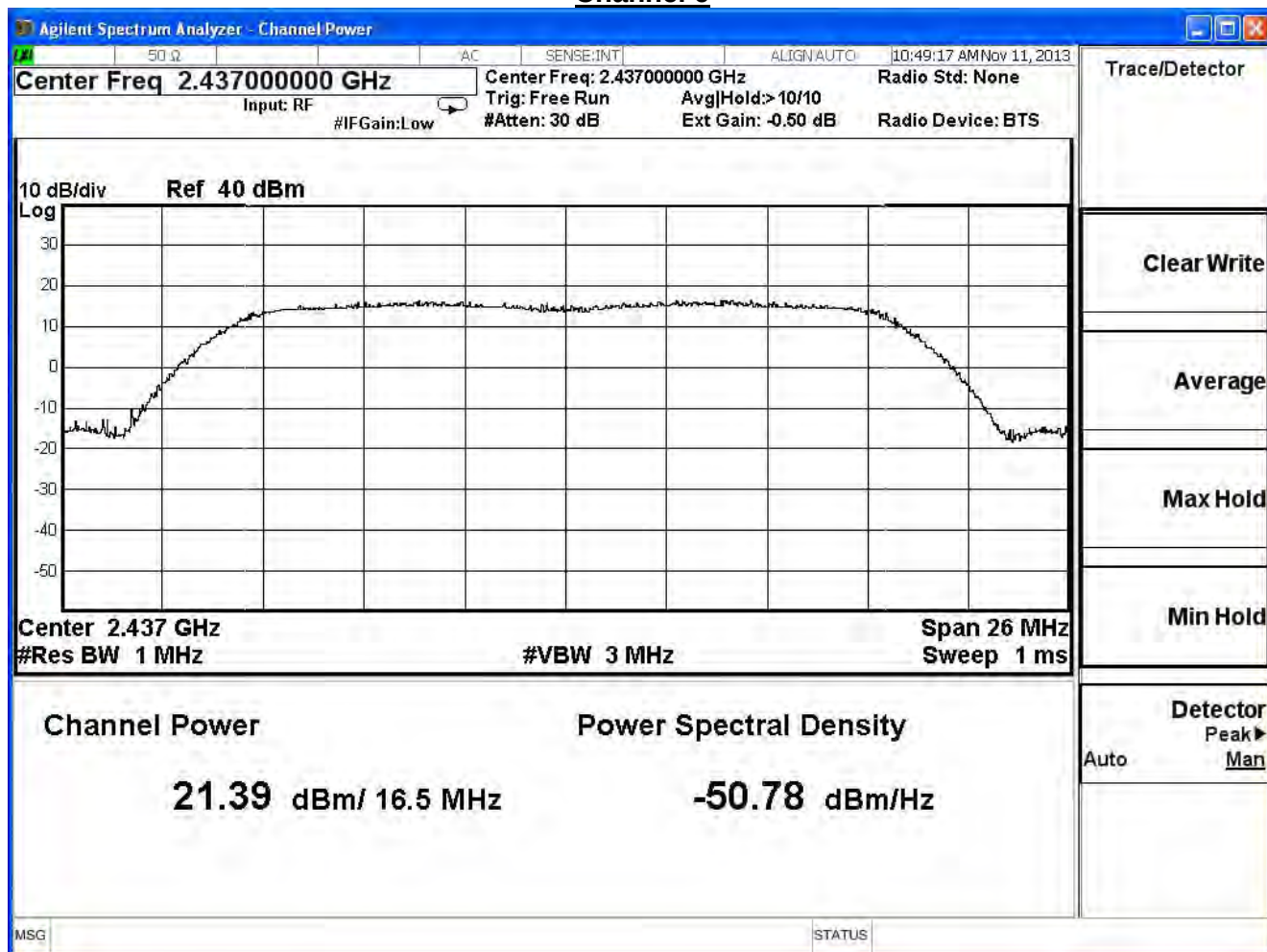
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	18.90	--	--	--	--	--	--	1 Watt=30dBm
6	2437	21.39	21.37	21.36	21.34	21.33	21.31	21.27	1 Watt=30dBm
11	2462	18.00	--	--	--	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

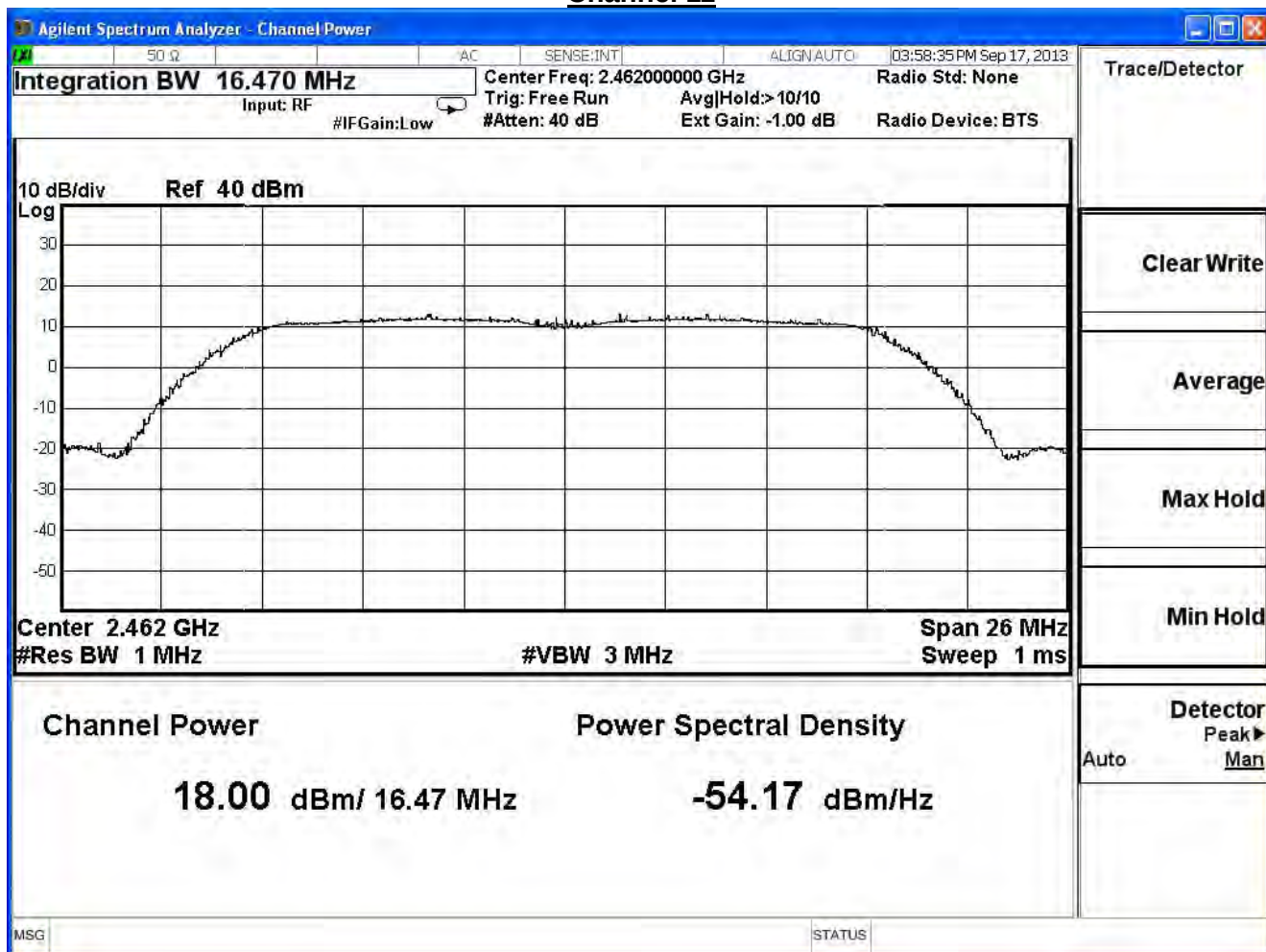
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/11	Test Site	SR7

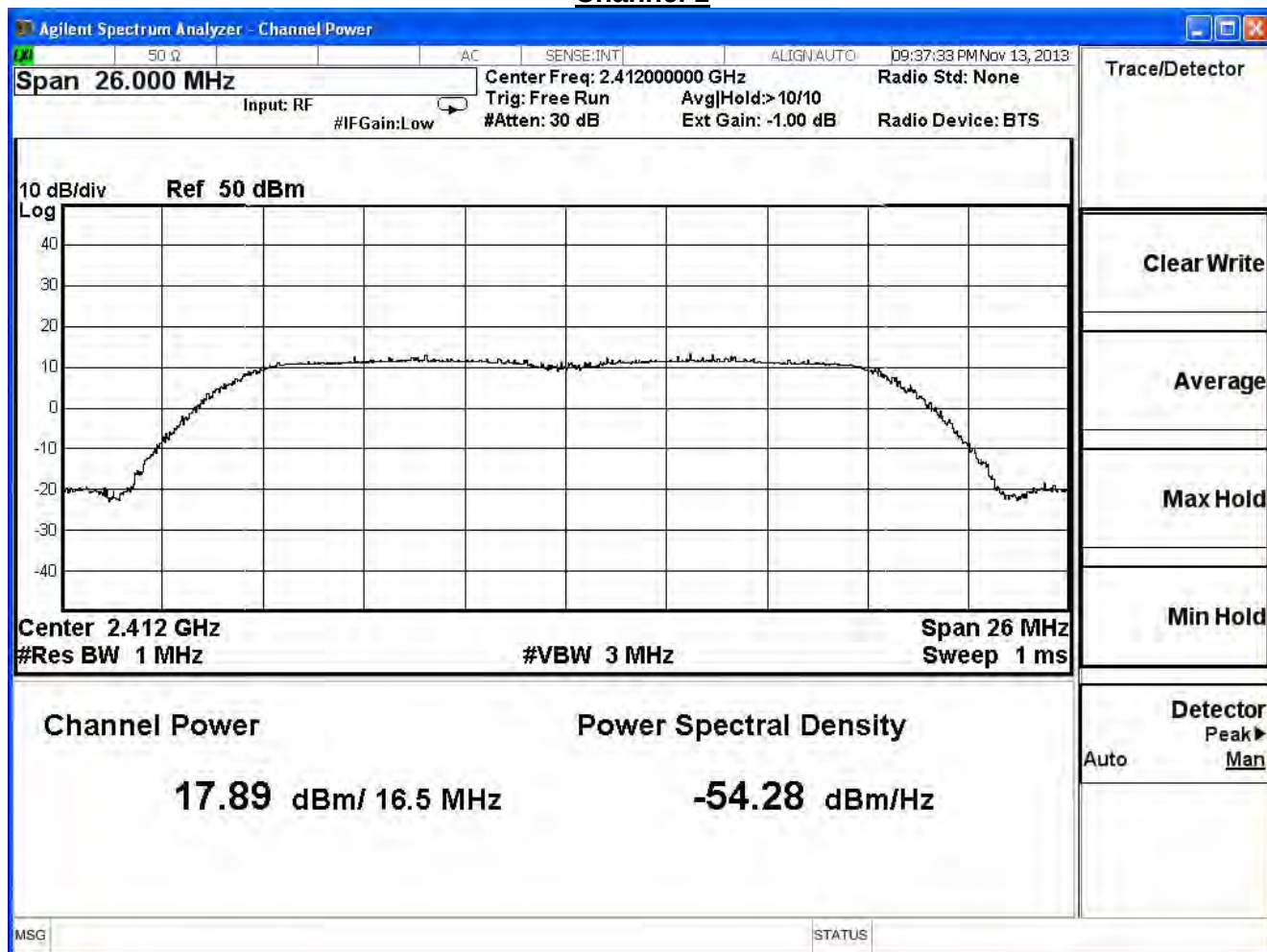
IEEE 802.11g (ANT1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	17.89	≤ 30	Pass
6	2437	22.07	≤ 30	Pass
11	2462	16.83	≤ 30	Pass

The worst emission of data rate is 6Mbps.

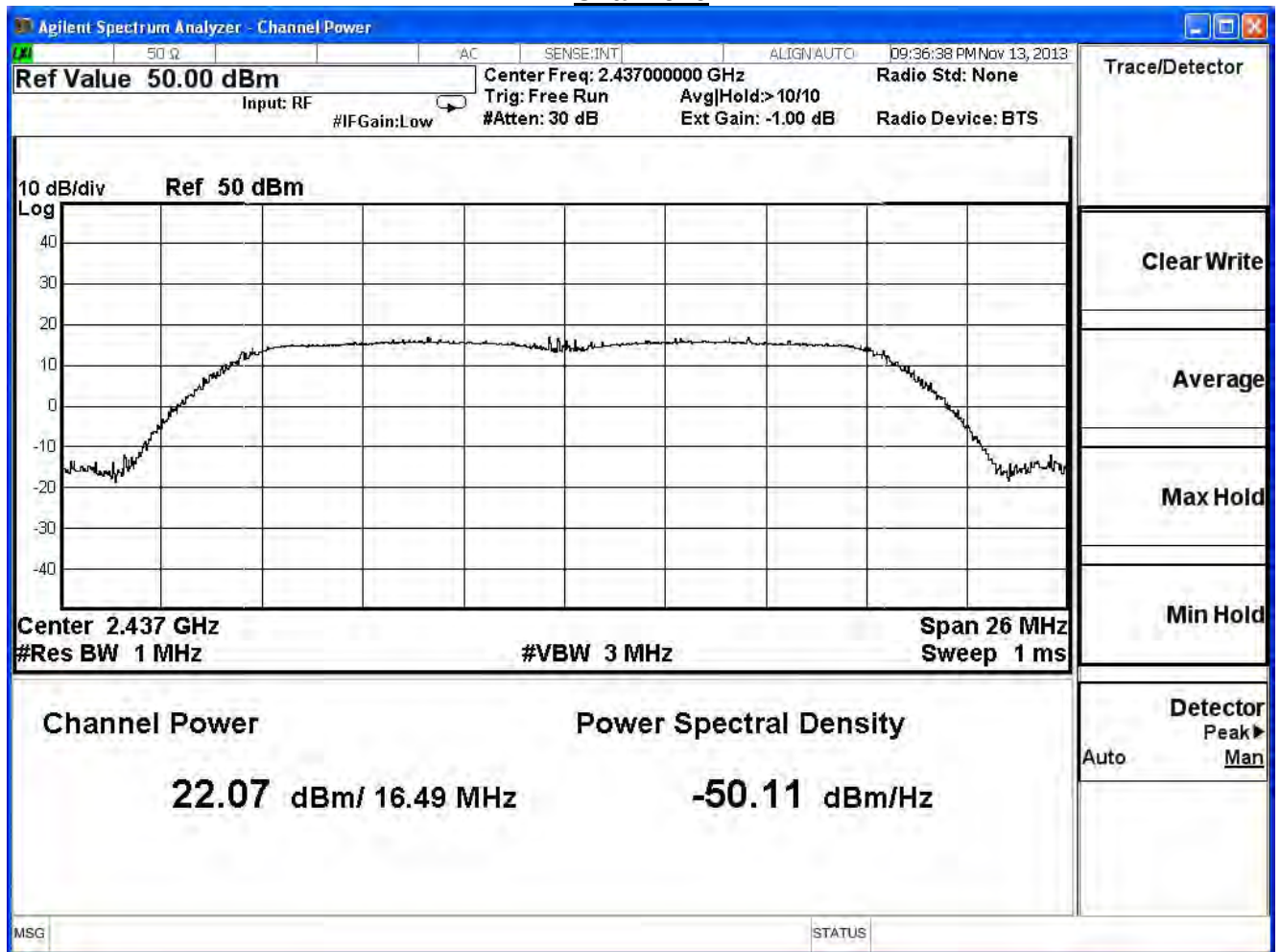
Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	17.89	--	--	--	--	--	--	1 Watt=30dBm
6	2437	22.07	22.05	22.04	22.01	21.98	21.95	21.92	1 Watt=30dBm
11	2462	16.83	--	--	--	--	--	--	1 Watt=30dBm

Note: Measure Level =Reading value + cable loss

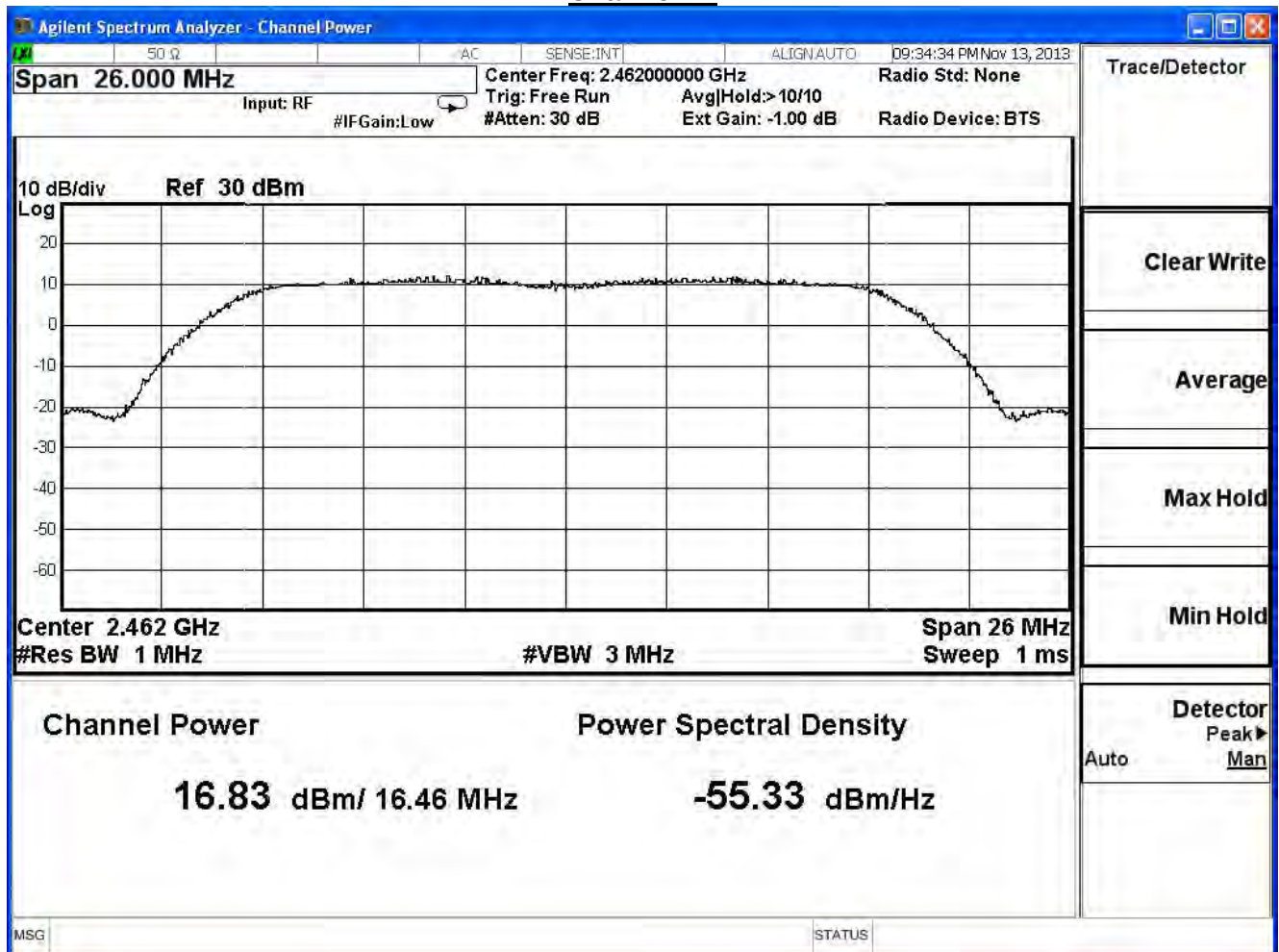
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/09/18	Test Site	SR7

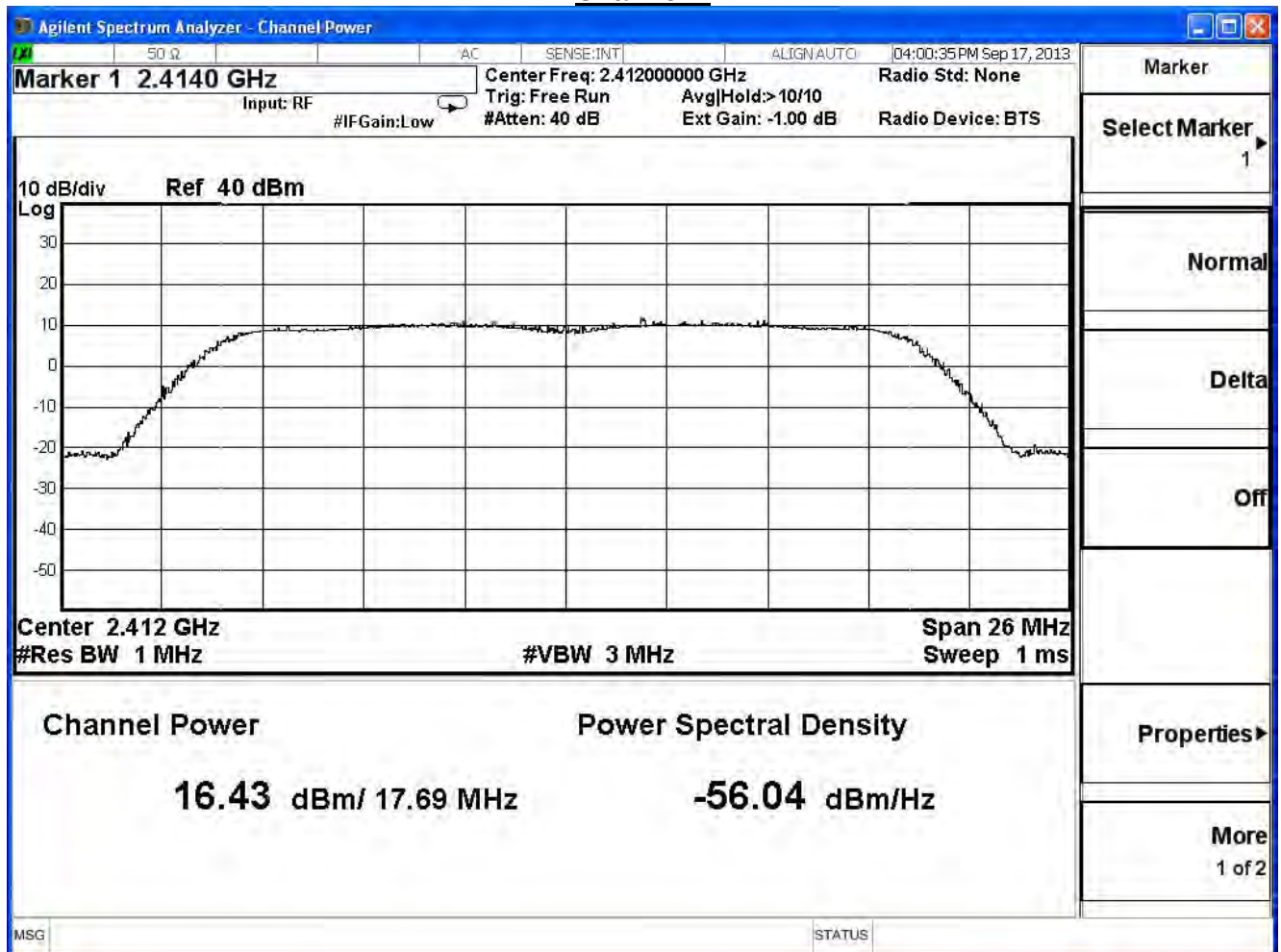
IEEE 802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.43	≤ 30	Pass
6	2437	23.07	≤ 30	Pass
11	2462	16.29	≤ 30	Pass

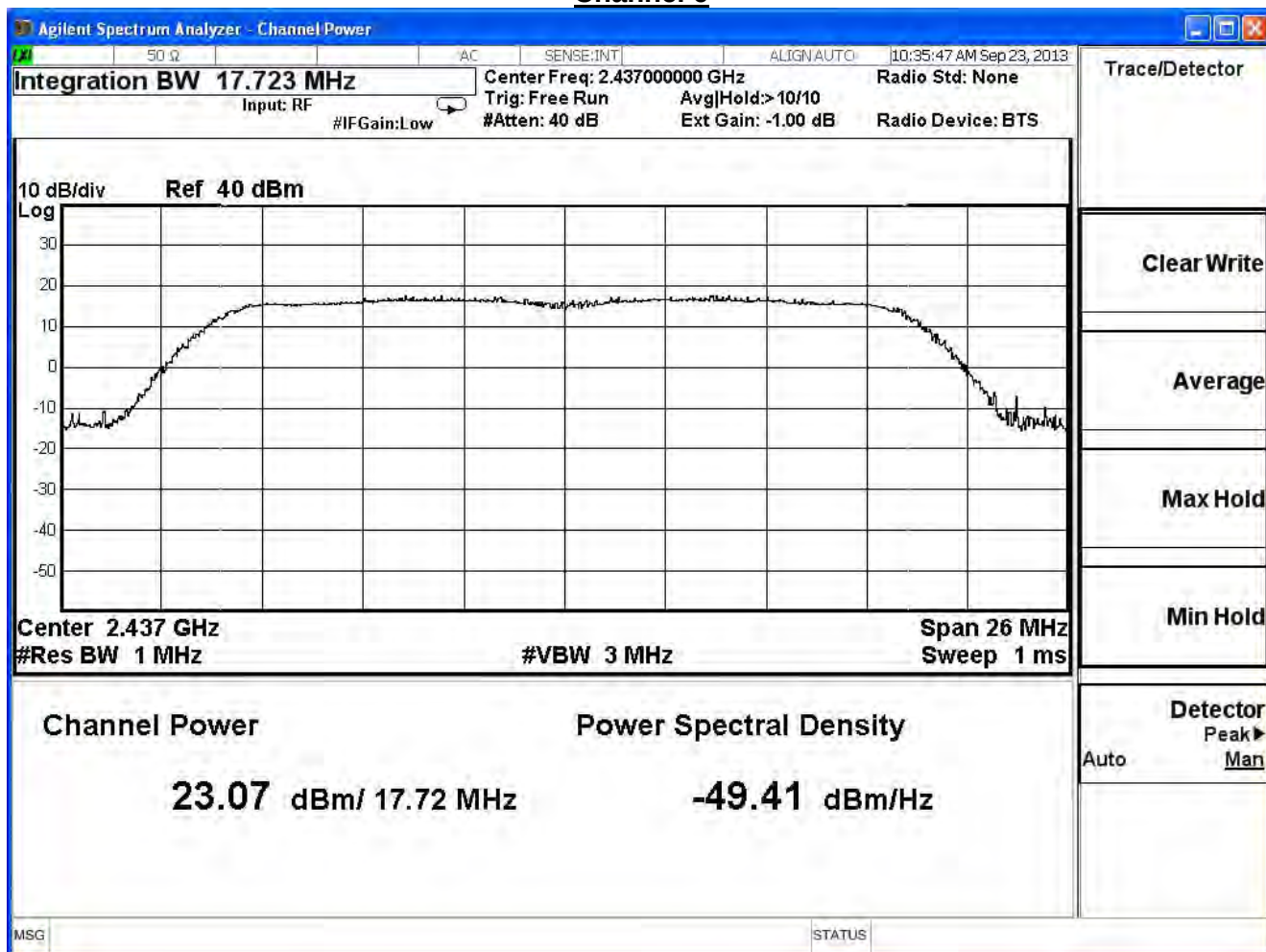
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	16.43	--	--	--	--	--	--	--	30dBm
6	2437	23.07	23.05	23.02	23.01	22.98	22.96	22.94	22.92	30dBm
11	2462	16.29	--	--	--	--	--	--	--	30dBm

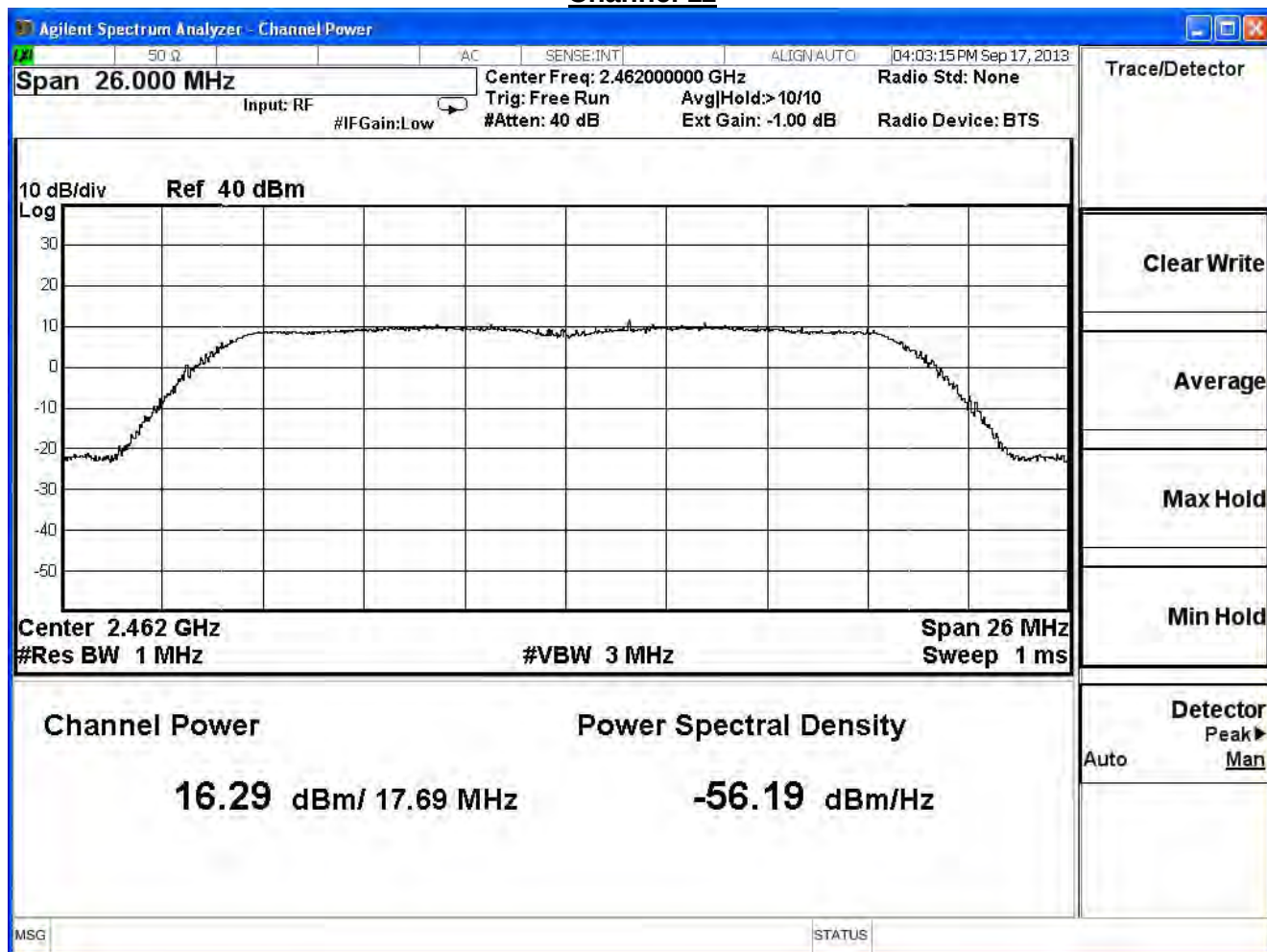
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/09/18	Test Site	SR7

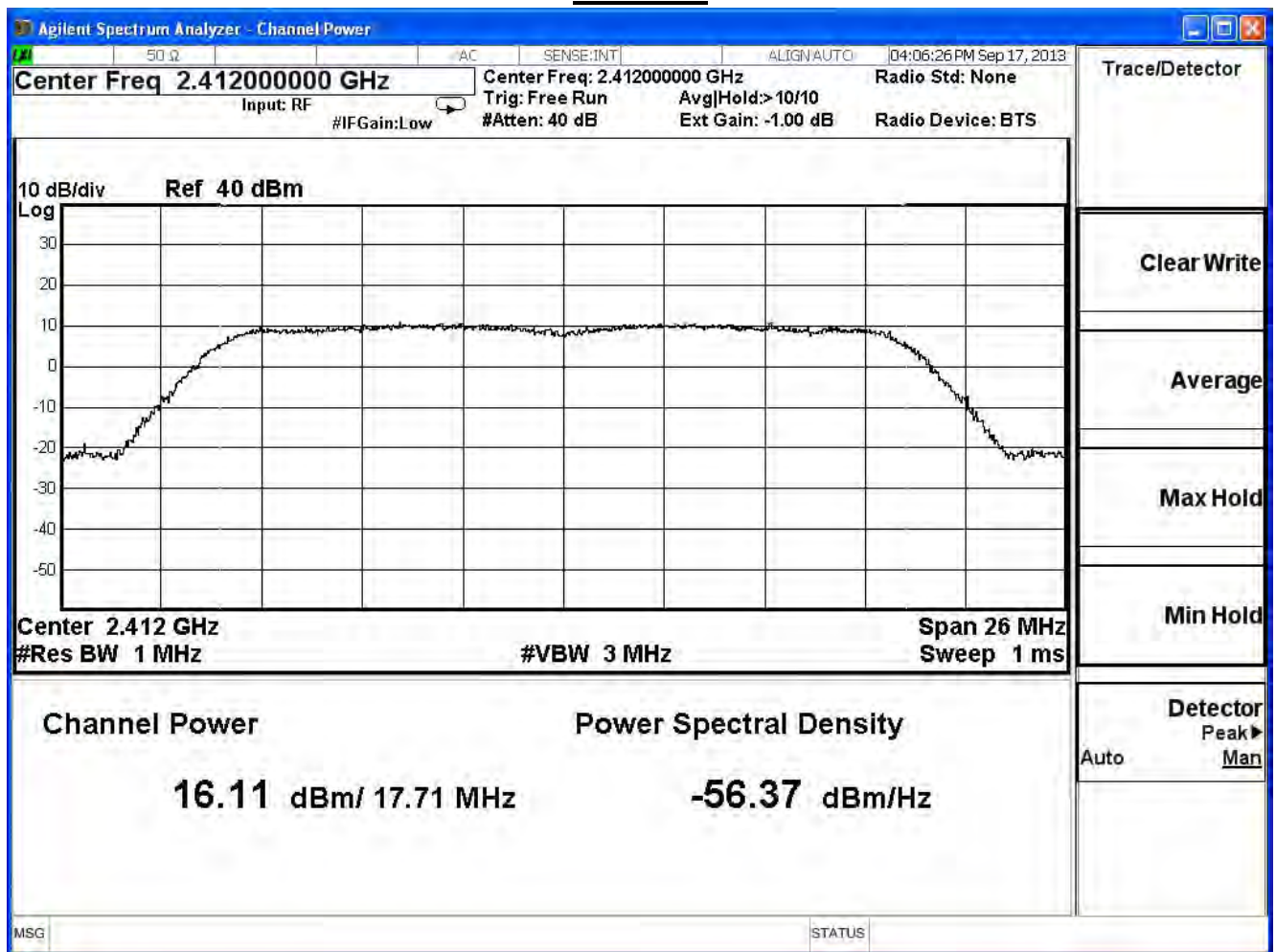
IEEE 802.11n 20MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	16.11	≤ 30	Pass
6	2437	22.72	≤ 30	Pass
11	2462	15.20	≤ 30	Pass

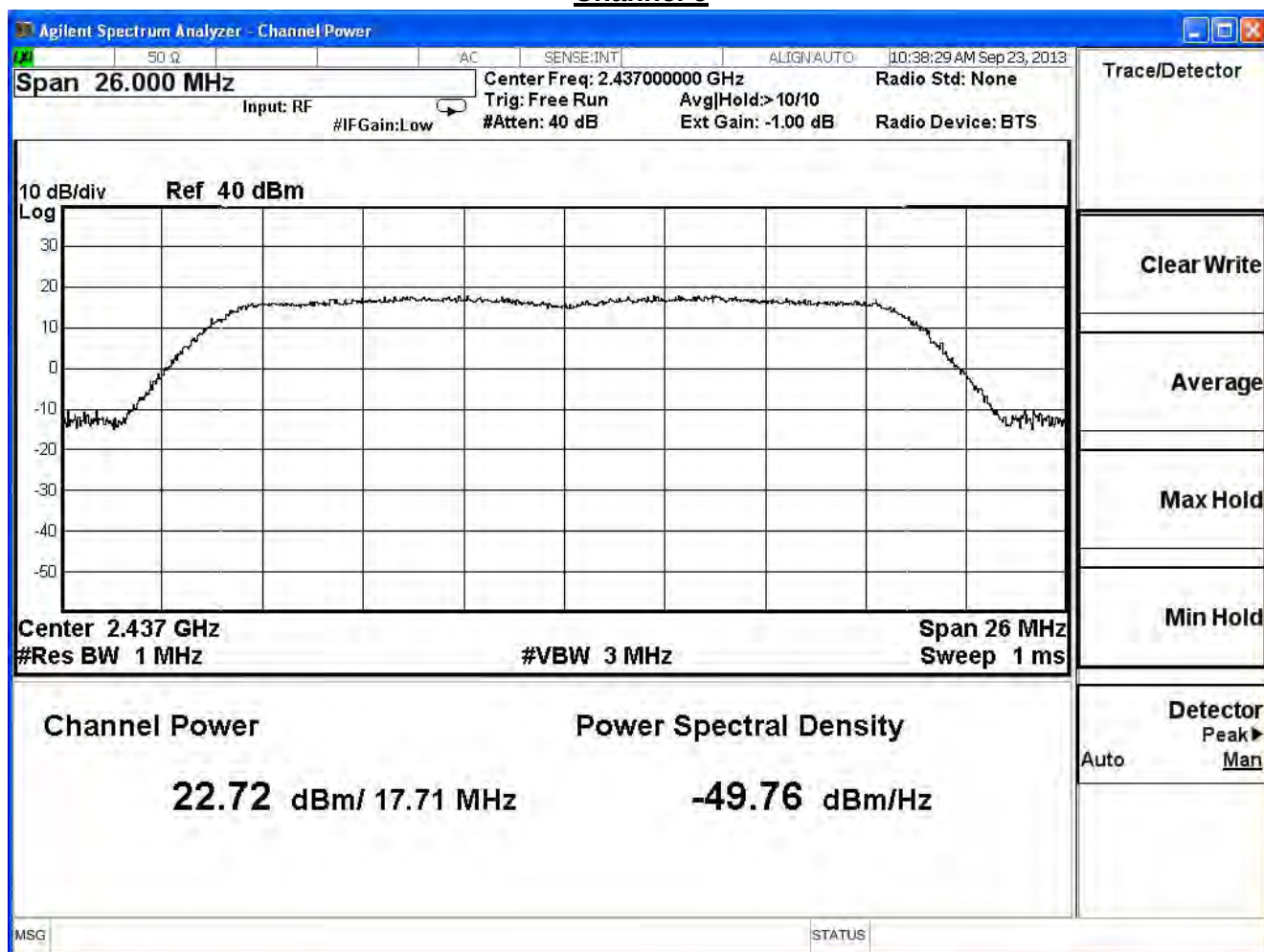
The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	16.11	--	--	--	--	--	--	--	30dBm
6	2437	22.72	22.70	22.68	22.67	22.65	22.63	22.62	22.58	30dBm
11	2462	15.20	--	--	--	--	--	--	--	30dBm

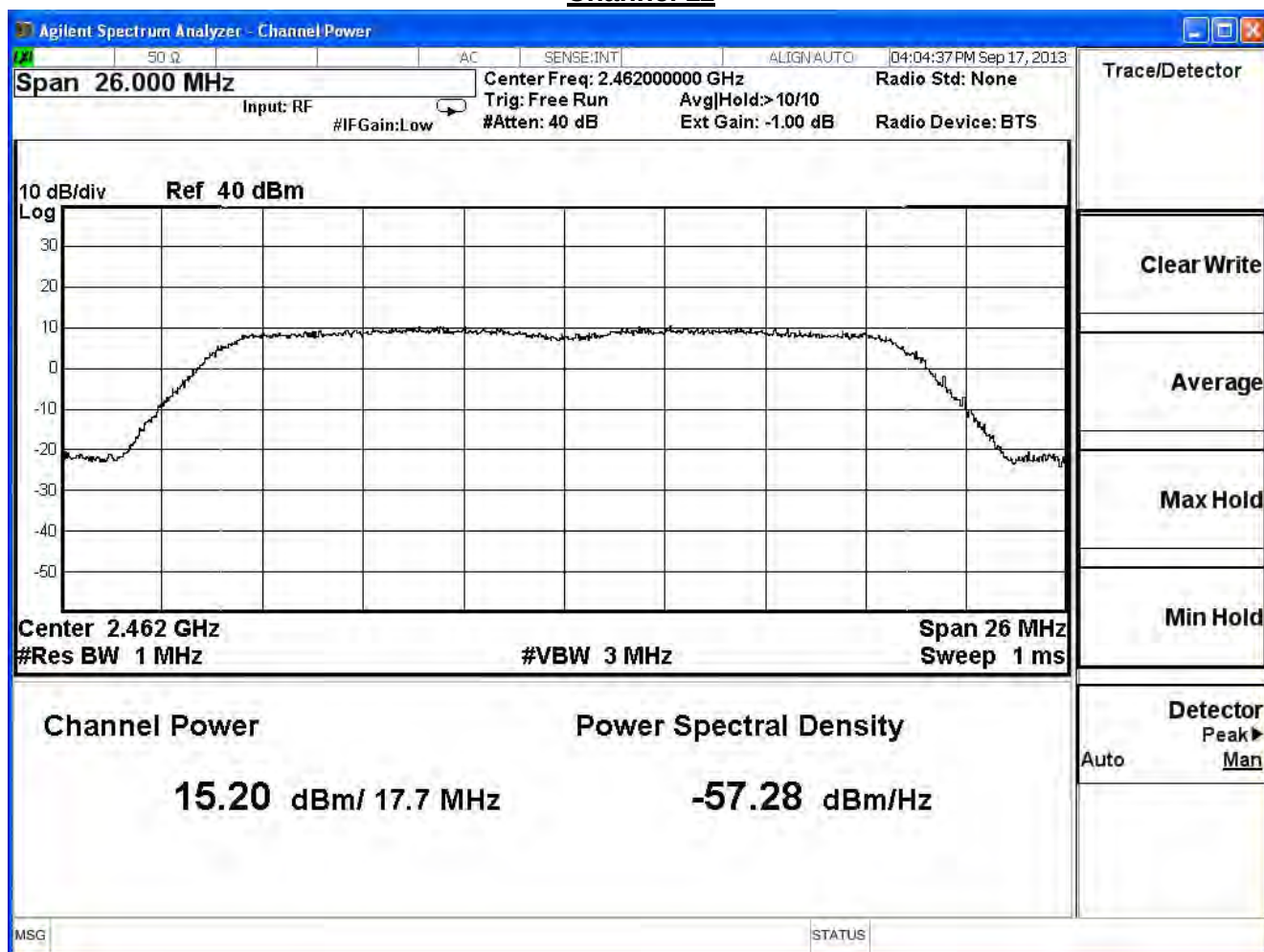
Channel 1



Channel 6



Channel 11



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/09/18	Test Site	SR7

IEEE 802.11n 20MHz (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.28	≤ 30	Pass
6	2437	25.91	≤ 30	Pass
11	2462	18.79	≤ 30	Pass

The worst emission of data rate is 19.5 Mbps.

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		19.5	39	58.5	78	117	156	175.5	195	
1	2412	19.28	--	--	--	--	--	--	--	30dBm
6	2437	25.91	25.89	25.87	25.85	25.83	25.81	25.79	25.77	30dBm
11	2462	18.79	--	--	--	--	--	--	--	30dBm

Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/09/18	Test Site	SR7

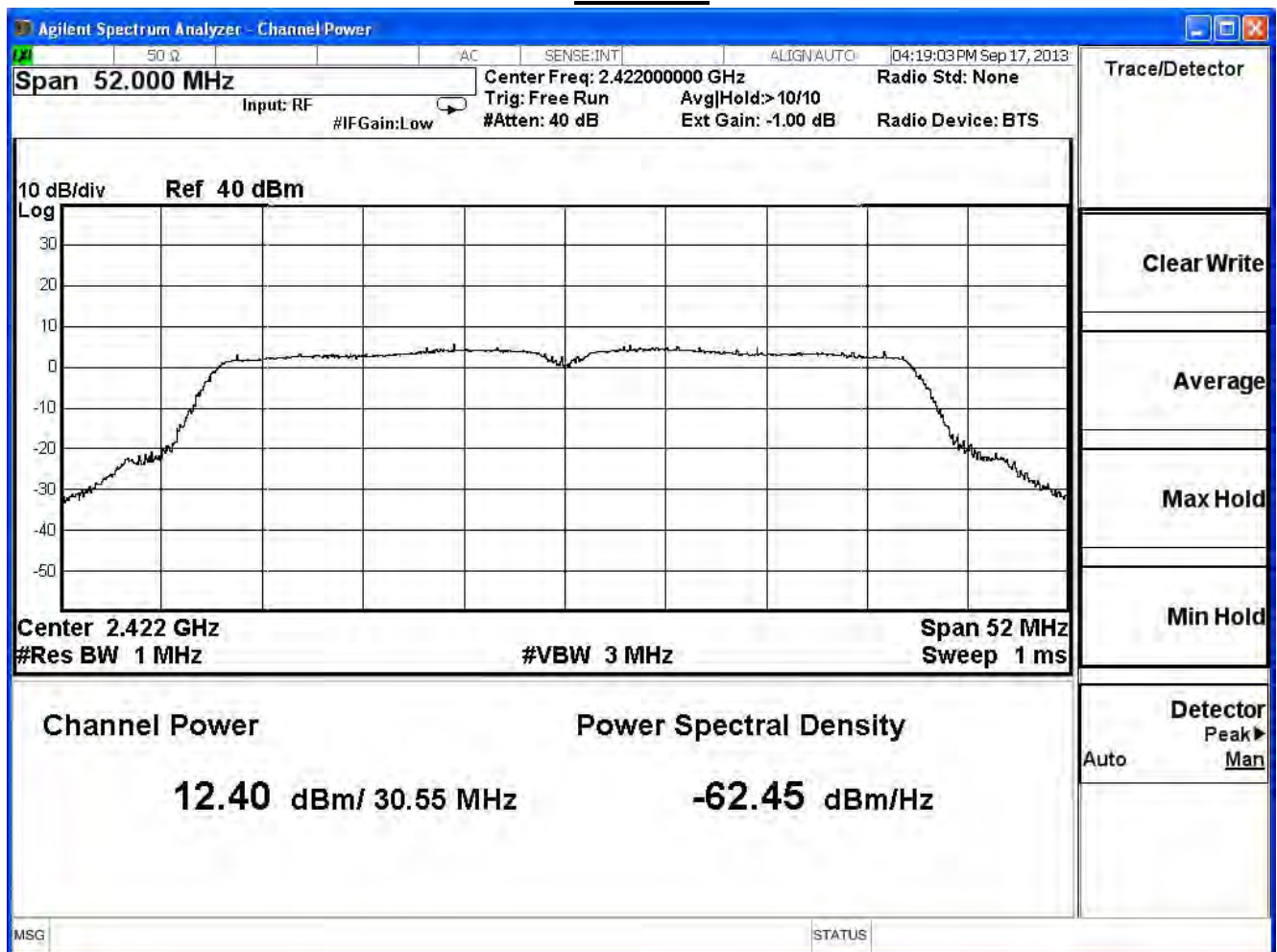
IEEE802.11n 40MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	12.40	≤ 30	Pass
6	2437	23.26	≤ 30	Pass
9	2452	9.90	≤ 30	Pass

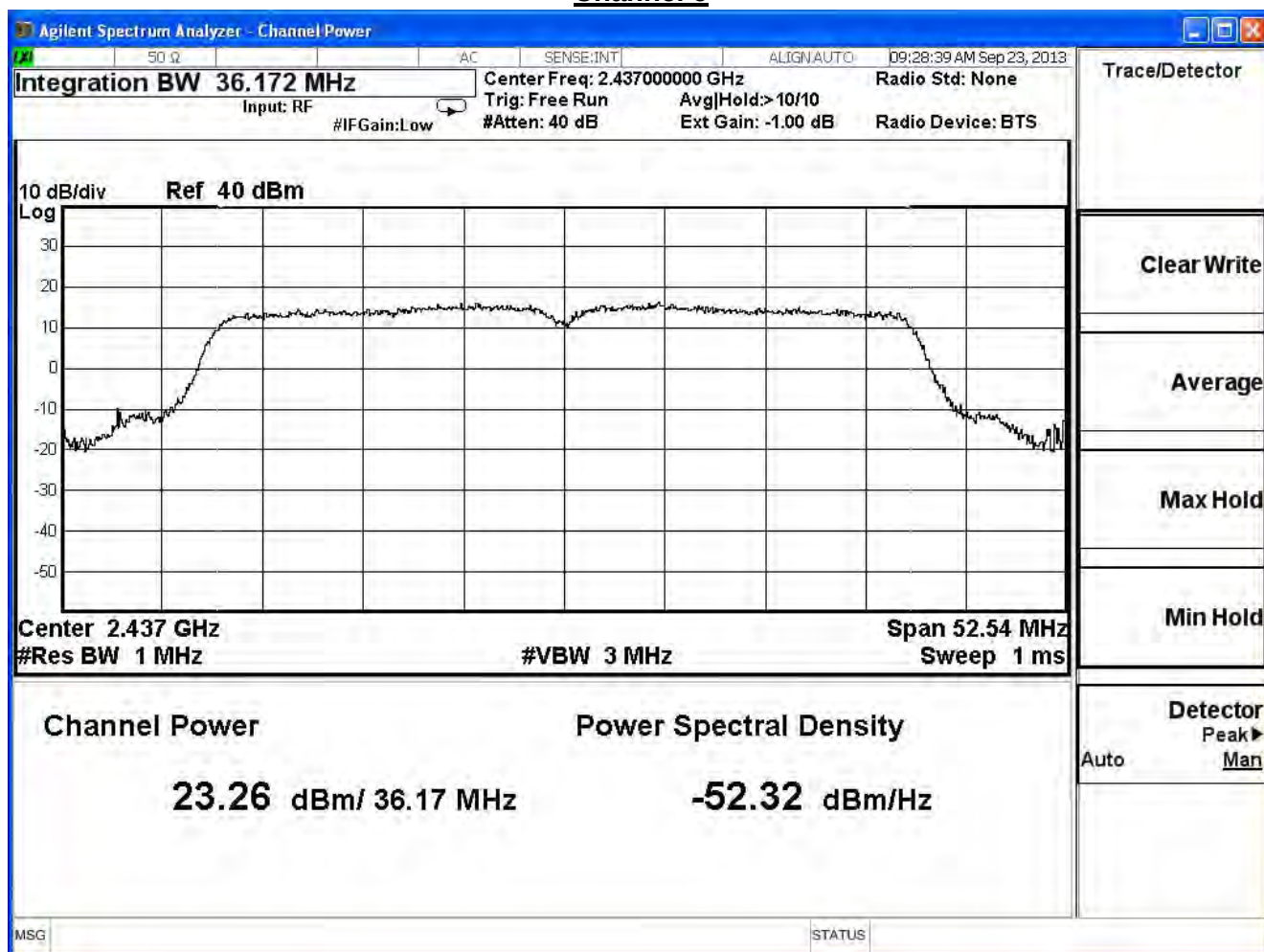
The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	12.40	--	--	--	--	--	--	--	30dBm
6	2437	23.26	23.24	23.22	23.20	23.18	23.16	23.15	23.14	30dBm
9	2452	9.90	--	--	--	--	--	--	--	30dBm

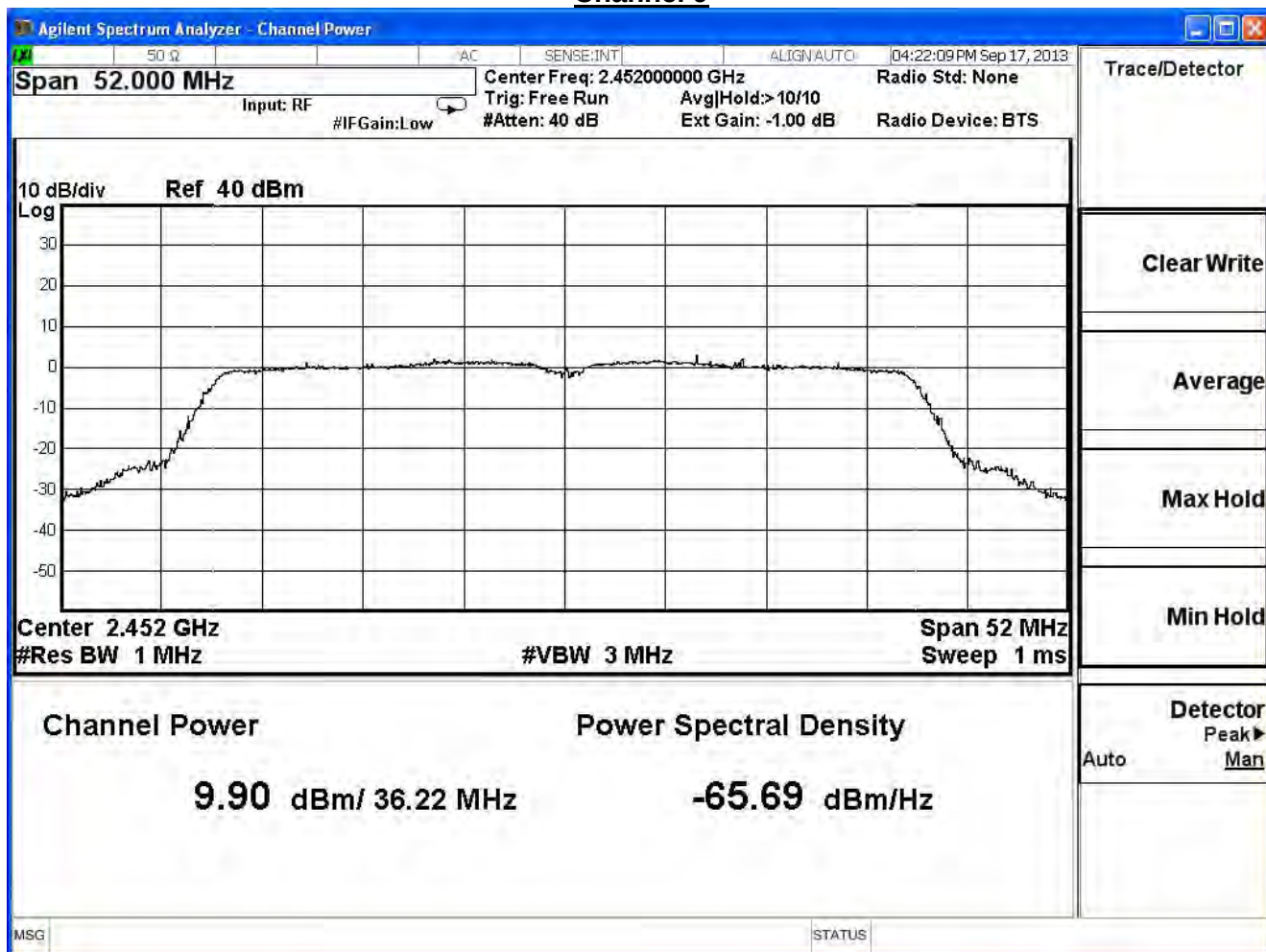
Channel 3



Channel 6



Channel 9



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/09/18	Test Site	SR7

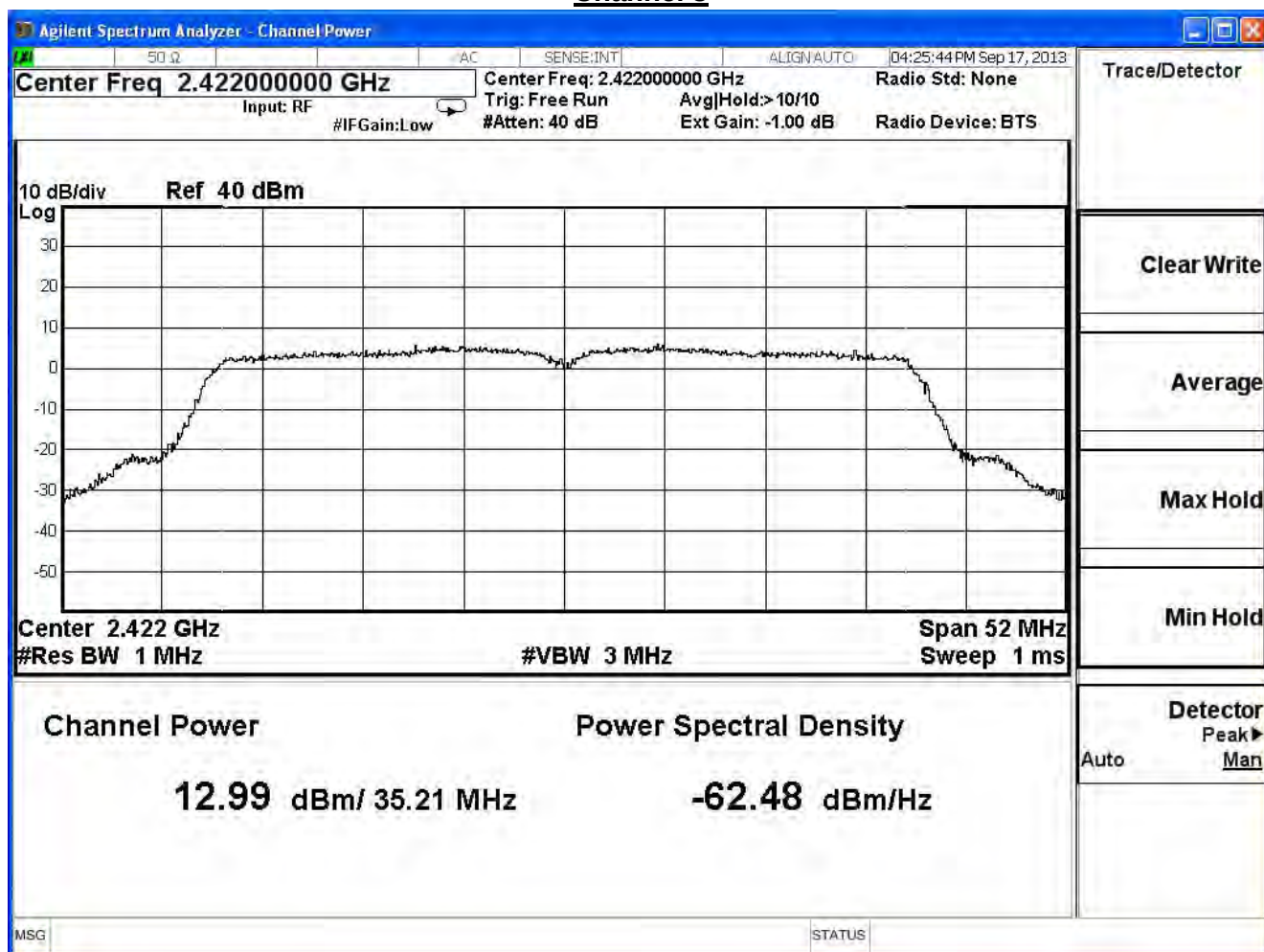
IEEE802.11n 40MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	12.99	≤ 30	Pass
6	2437	22.90	≤ 30	Pass
9	2452	8.99	≤ 30	Pass

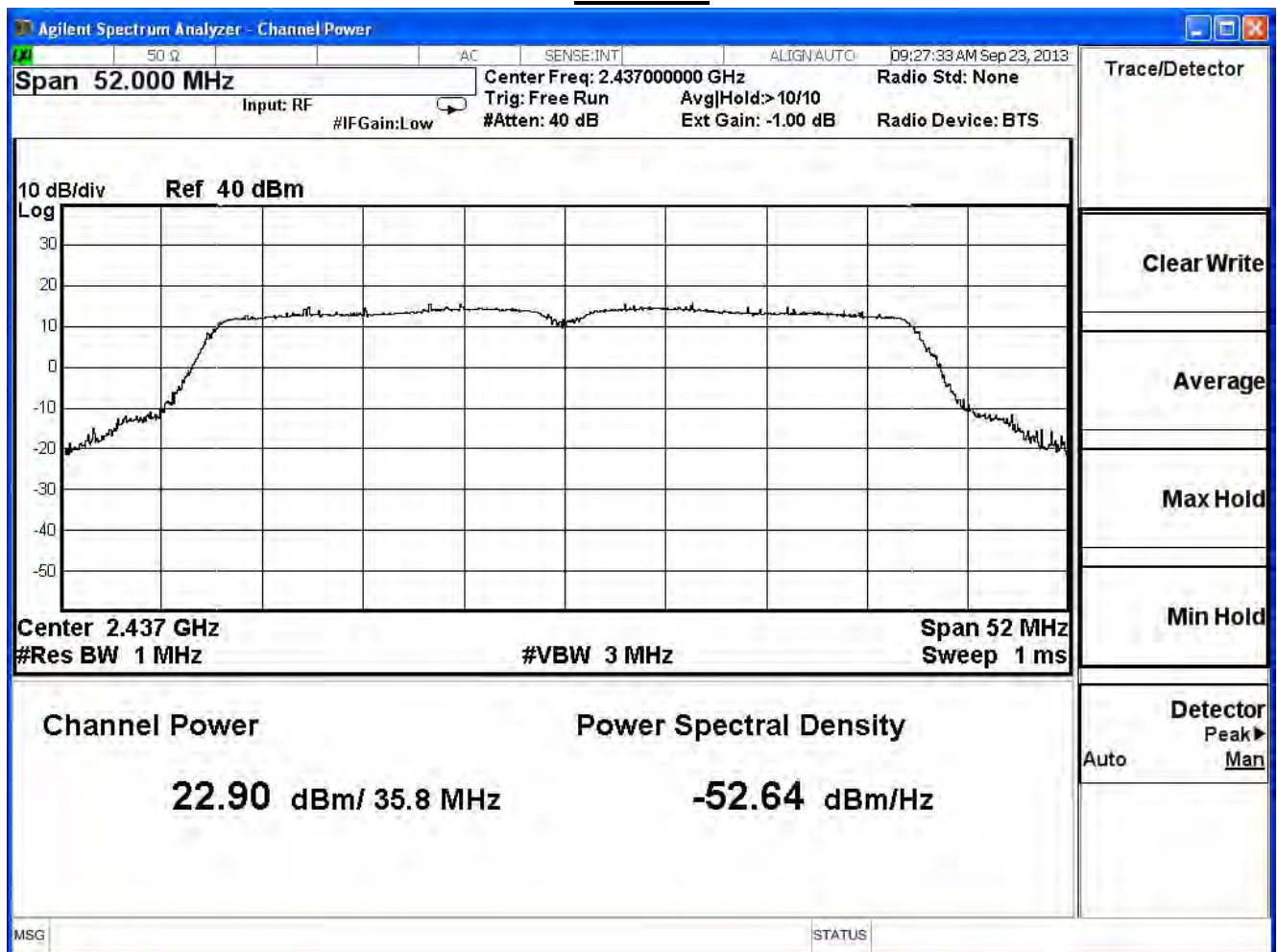
The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	12.99	--	--	--	--	--	--	--	30dBm
6	2437	22.90	22.88	22.86	22.85	22.84	22.82	22.78	22.76	30dBm
9	2452	8.99	--	--	--	--	--	--	--	30dBm

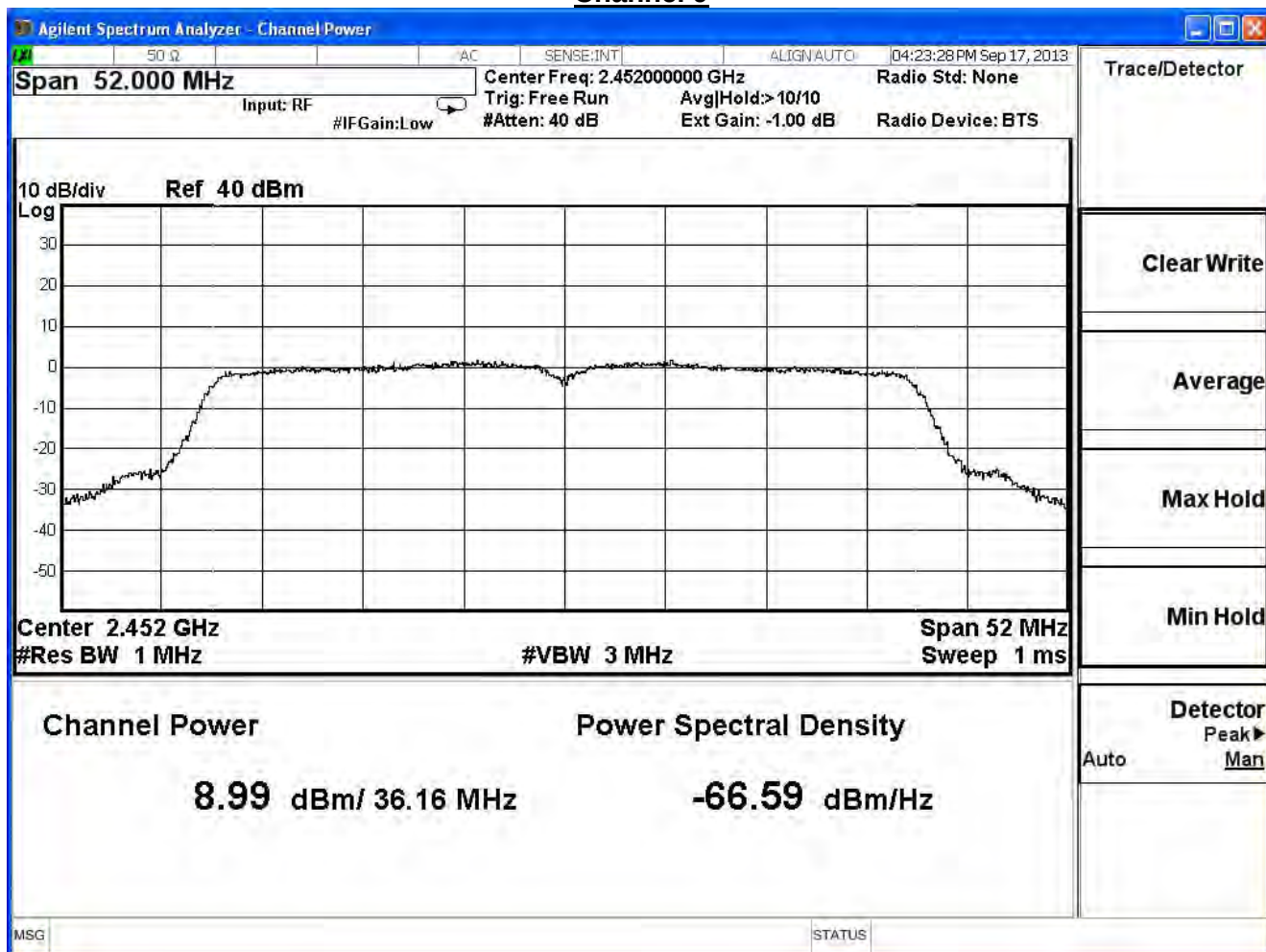
Channel 3



Channel 6



Channel 9



Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit		
Date of Test	2013/09/18	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	15.72	≤ 30	Pass
6	2437	26.08	≤ 30	Pass
9	2452	12.48	≤ 30	Pass

The worst emission of data rate is 40.5Mbps

Peak Power Output (dBm)										
MCS Index		16	17	18	19	20	21	22	23	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		40.5	81.0	121.5	162.0	243.0	324.0	364.5	405.0	
3	2422	15.72	--	--	--	--	--	--	--	30dBm
6	2437	26.08	26.05	26.01	25.98	25.97	25.95	25.94	25.92	30dBm
9	2452	12.48	--	--	--	--	--	--	--	30dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

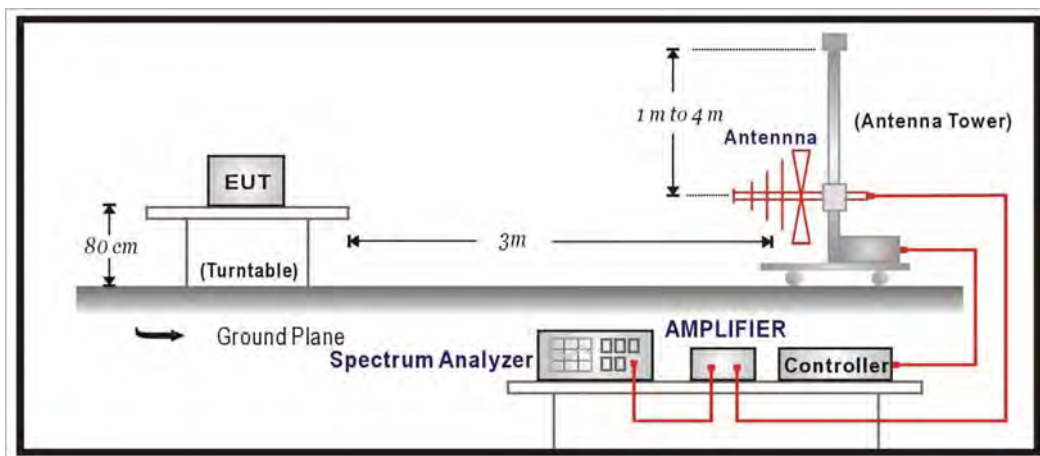
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895(CB1)	2014/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2014/02/17
Pre-Amplifier	MITEQ	AMF-4D	888003	2014/06/09
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2014/02/19
Spectrum Analyzer	Agilent	E4440A	MY46187335	2014/01/27
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2014/02/21

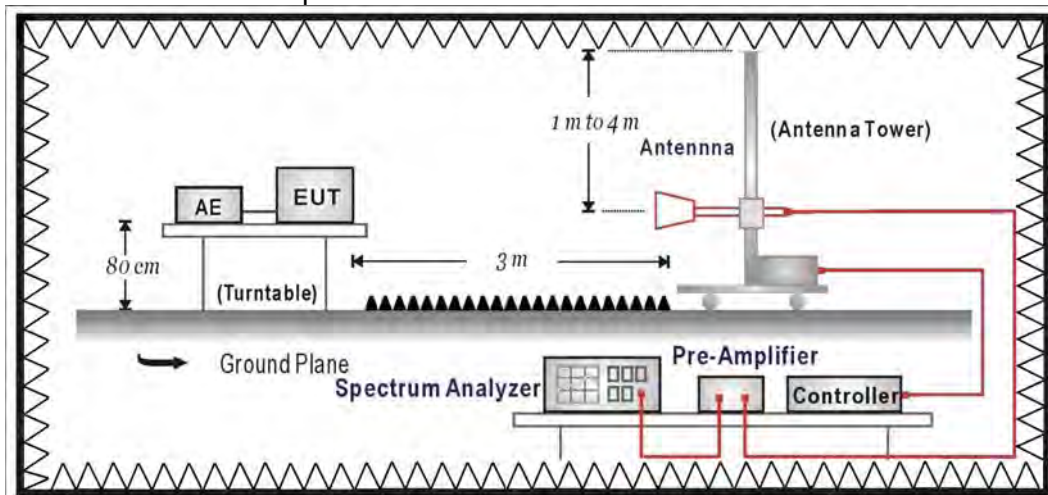
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

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 C63.4: 2009 and tested according to DTS test procedure of KDB558074 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 C63.4: 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: 2012

4.6. Uncertainty

The measurement uncertainty

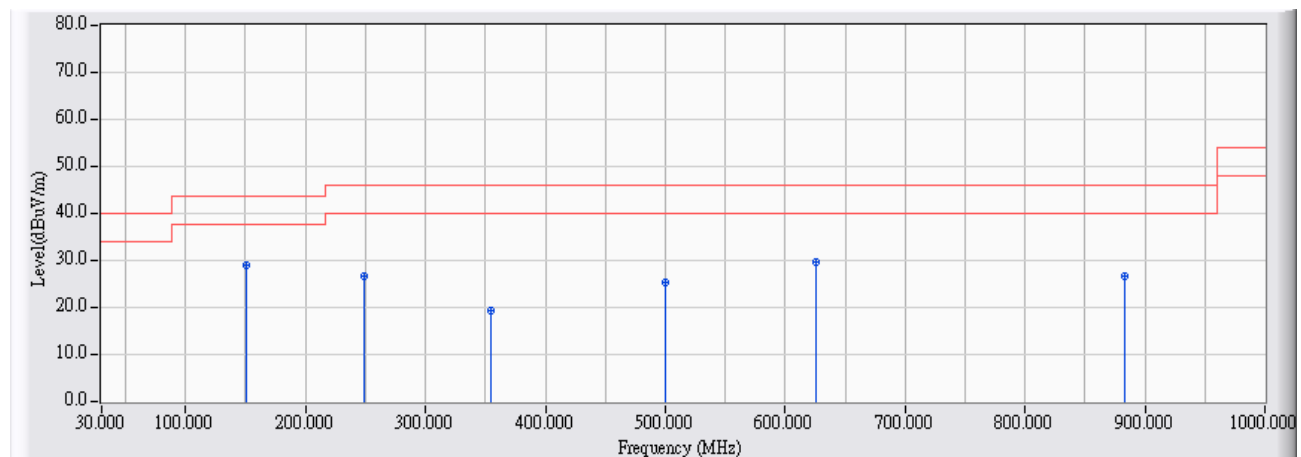
30MHz~1GHz as $\pm 3.43\text{dB}$

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

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	Time : 2013/10/25 - 11:28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2437MHz

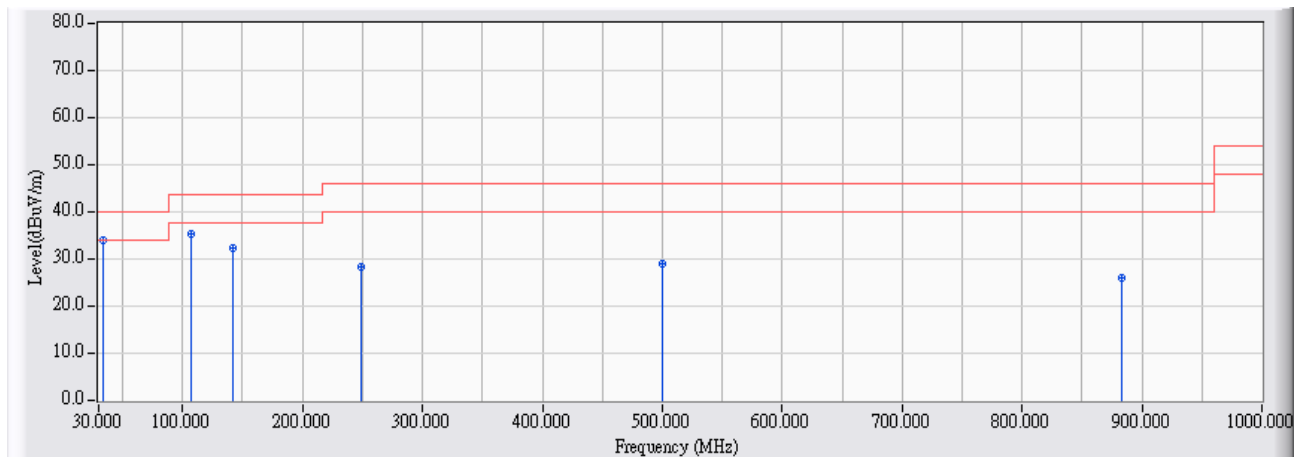


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	150.280	-23.379	52.346	28.966	-14.534	43.500	QUASIPeAK
2		249.220	-21.077	47.624	26.548	-19.452	46.000	QUASIPeAK
3		353.980	-18.697	37.883	19.186	-26.814	46.000	QUASIPeAK
4		499.480	-15.628	40.930	25.302	-20.698	46.000	QUASIPeAK
5		625.580	-15.386	44.928	29.542	-16.458	46.000	QUASIPeAK
6		883.600	-13.370	39.924	26.554	-19.446	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 : 2013/10/25 - 11:28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2437MHz

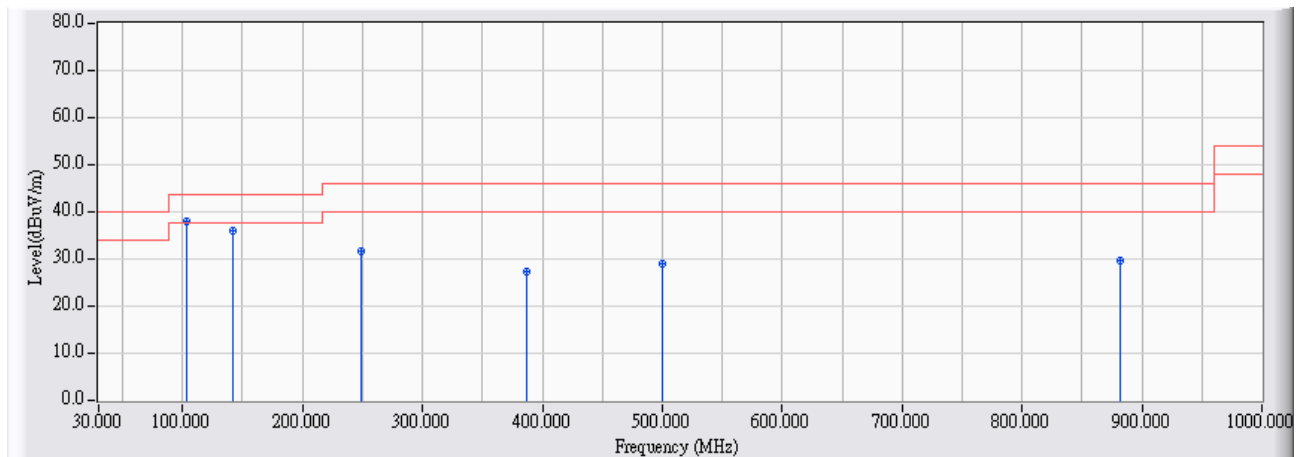


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	33.880	-19.869	53.912	34.043	-5.957	40.000	QUASIPeAK
2		107.600	-22.787	58.016	35.229	-8.271	43.500	QUASIPeAK
3		142.520	-22.994	55.310	32.316	-11.184	43.500	QUASIPeAK
4		249.220	-21.077	49.395	28.319	-17.681	46.000	QUASIPeAK
5		499.480	-15.628	44.780	29.152	-16.848	46.000	QUASIPeAK
6		883.600	-13.370	39.333	25.963	-20.037	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 : 2013/10/25 - 11:29
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11g_2437MHz

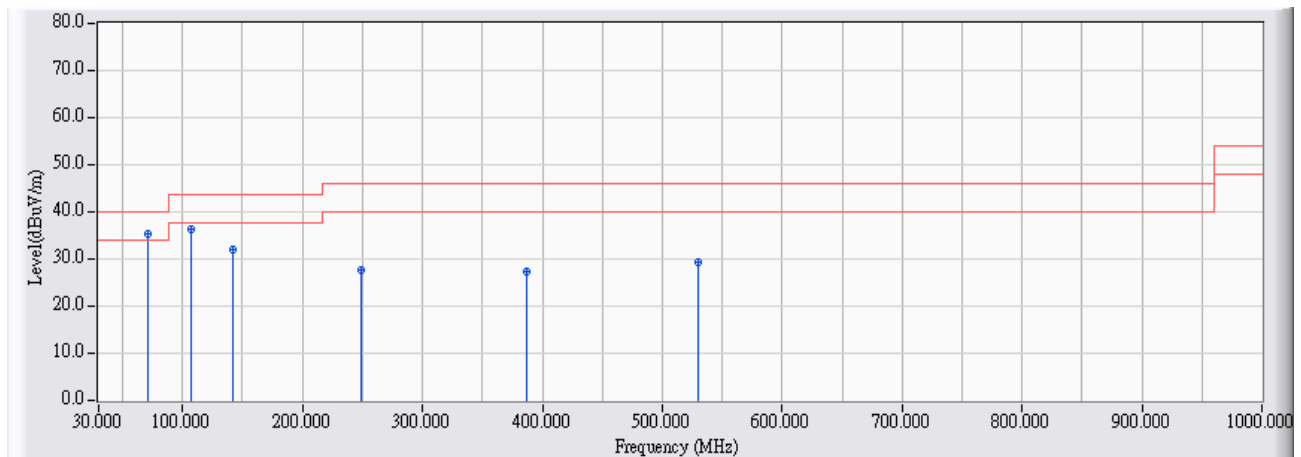


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	103.720	-22.975	60.841	37.865	-5.635	43.500	QUASIPeAK
2		142.520	-22.994	58.943	35.949	-7.551	43.500	QUASIPeAK
3		249.220	-21.077	52.801	31.725	-14.275	46.000	QUASIPeAK
4		386.960	-17.872	45.341	27.469	-18.531	46.000	QUASIPeAK
5		499.480	-15.628	44.780	29.152	-16.848	46.000	QUASIPeAK
6		881.660	-13.375	42.977	29.602	-16.398	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 : 2013/10/25 - 11:29
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11g_2437MHz

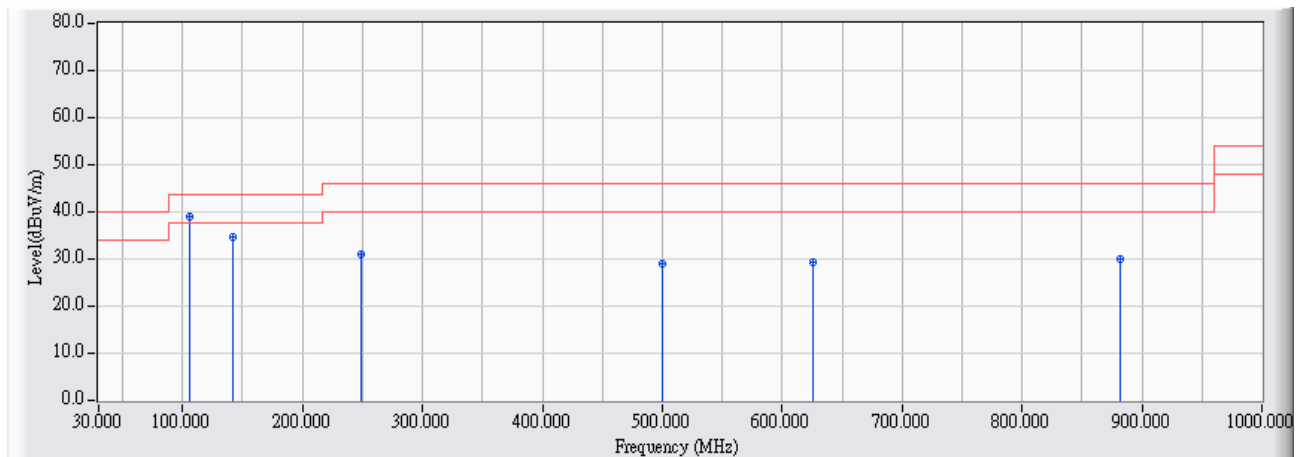


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	70.740	-27.413	62.588	35.176	-4.824	40.000	QUASIPeAK
2		107.600	-22.787	58.967	36.180	-7.320	43.500	QUASIPeAK
3		142.520	-22.994	55.071	32.077	-11.423	43.500	QUASIPeAK
4		249.220	-21.077	48.828	27.752	-18.248	46.000	QUASIPeAK
5		386.960	-17.872	45.221	27.349	-18.651	46.000	QUASIPeAK
6		530.520	-15.587	45.070	29.483	-16.517	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 : 2013/10/25 - 11:29
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 20MHz_2437MHz

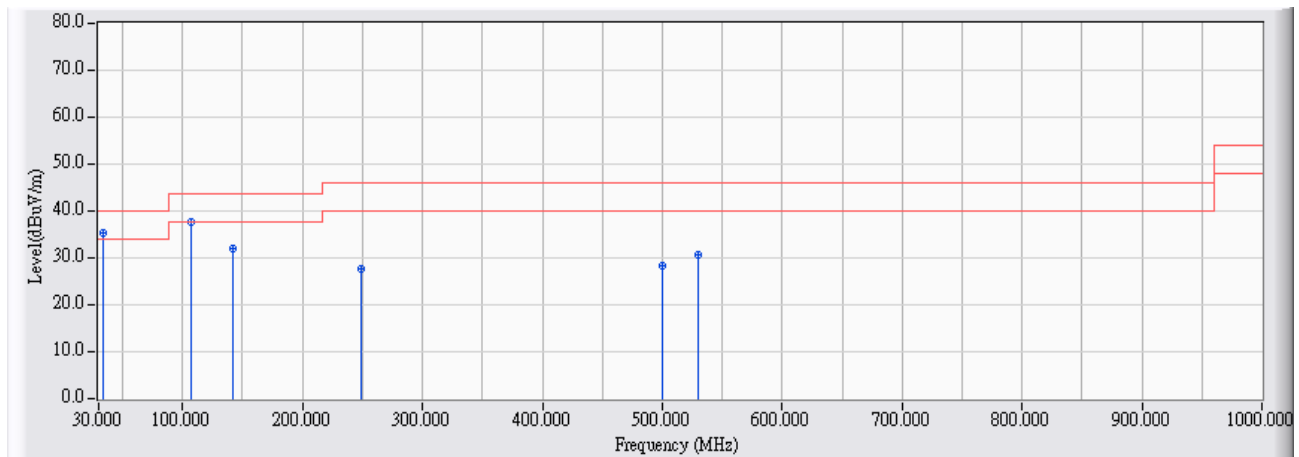


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.660	-22.881	61.730	38.849	-4.651	43.500	QUASIPeAK
2		142.520	-22.994	57.593	34.599	-8.901	43.500	QUASIPeAK
3		249.220	-21.077	51.955	30.879	-15.121	46.000	QUASIPeAK
4		499.480	-15.628	44.610	28.982	-17.018	46.000	QUASIPeAK
5		625.580	-15.386	44.821	29.435	-16.565	46.000	QUASIPeAK
6		881.660	-13.375	43.373	29.998	-16.002	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 : 2013/10/25 - 11:30
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 20MHz_2437MHz

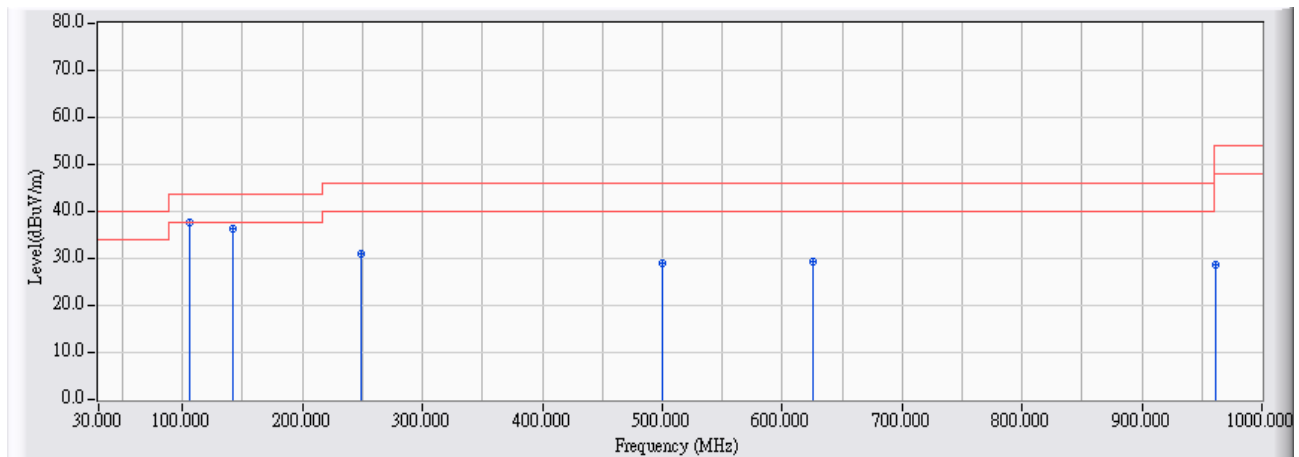


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	33.880	-19.869	55.147	35.278	-4.722	40.000	QUASIPeAK
2		107.600	-22.787	60.496	37.709	-5.791	43.500	QUASIPeAK
3		142.520	-22.994	54.995	32.001	-11.499	43.500	QUASIPeAK
4		249.220	-21.077	48.653	27.577	-18.423	46.000	QUASIPeAK
5		499.480	-15.628	43.800	28.172	-17.828	46.000	QUASIPeAK
6		530.520	-15.587	46.087	30.500	-15.500	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 : 2013/10/25 - 11:30
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 40MHz_2437MHz

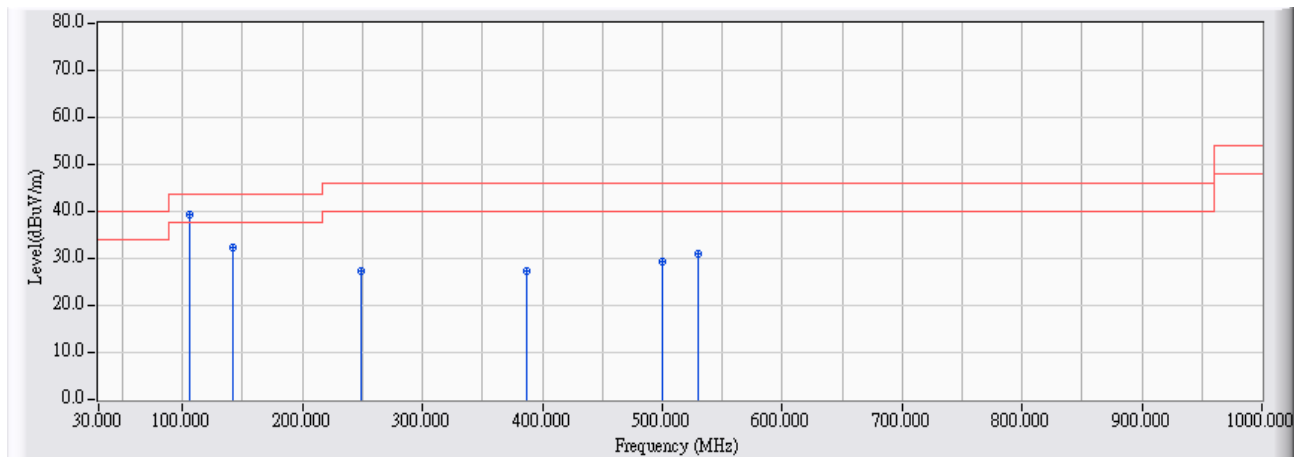


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.660	-22.881	60.647	37.766	-5.734	43.500	QUASIPeAK
2		142.520	-22.994	59.467	36.473	-7.027	43.500	QUASIPeAK
3		249.220	-21.077	52.176	31.100	-14.900	46.000	QUASIPeAK
4		499.480	-15.628	44.648	29.020	-16.980	46.000	QUASIPeAK
5		625.580	-15.386	44.880	29.494	-16.506	46.000	QUASIPeAK
6		961.200	-12.889	41.693	28.804	-25.196	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 : 2013/10/25 - 11:31
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 40MHz_2437MHz

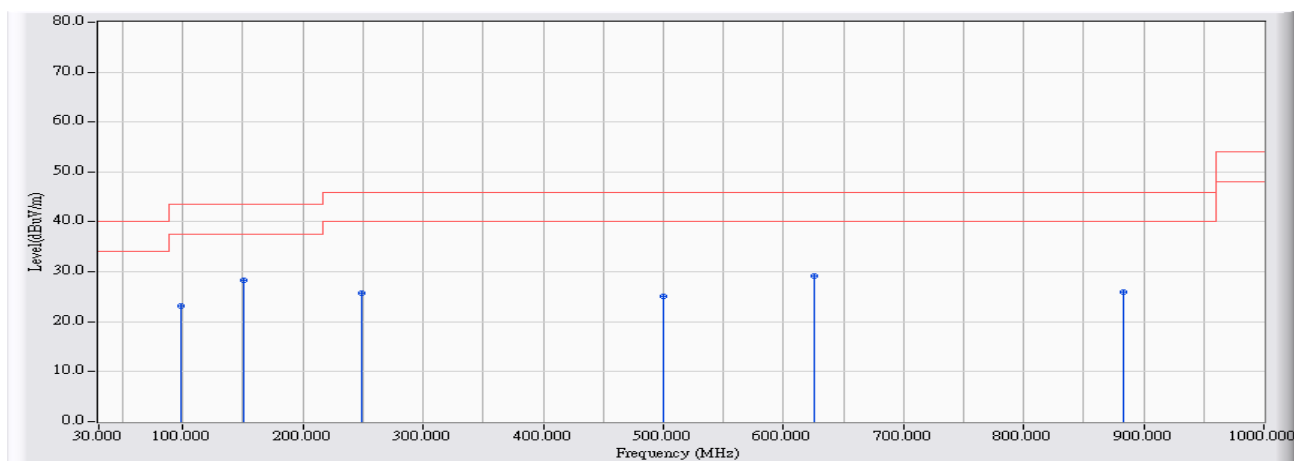


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.660	-22.881	62.304	39.423	-4.077	43.500	QUASIPeAK
2		142.520	-22.994	55.232	32.238	-11.262	43.500	QUASIPeAK
3		249.220	-21.077	48.285	27.209	-18.791	46.000	QUASIPeAK
4		386.960	-17.872	45.304	27.432	-18.568	46.000	QUASIPeAK
5		499.480	-15.628	44.935	29.307	-16.693	46.000	QUASIPeAK
6		530.520	-15.587	46.468	30.881	-15.119	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 : 2013/11/21 - 18:53
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 2: Transmit _802.11b_2437MHz

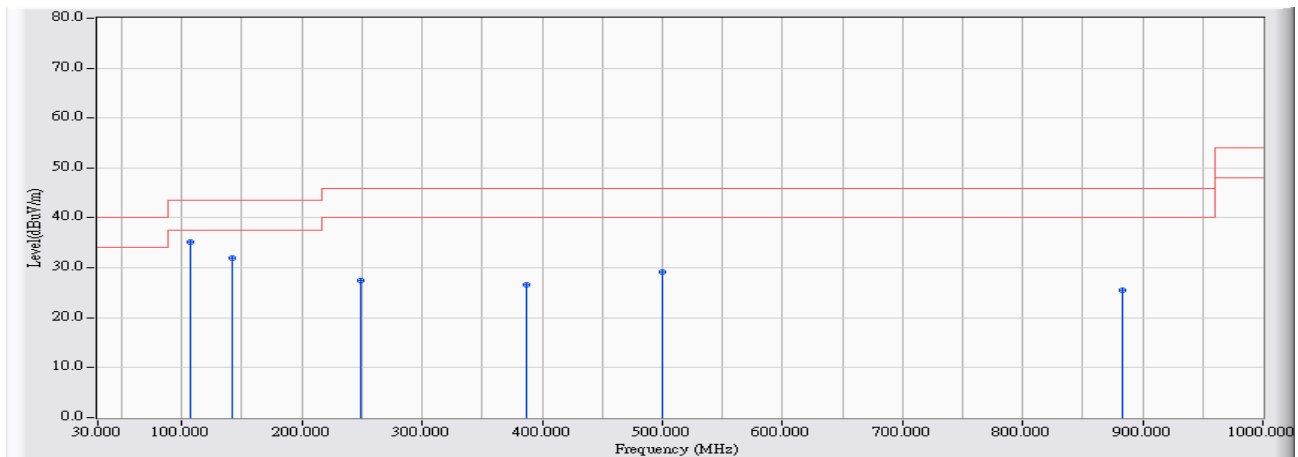


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		97.900	-23.649	46.834	23.185	-20.315	43.500	QUASIPeAK
2	*	150.280	-23.379	51.636	28.256	-15.244	43.500	QUASIPeAK
3		249.220	-21.077	46.879	25.803	-20.197	46.000	QUASIPeAK
4		499.480	-15.628	40.753	25.125	-20.875	46.000	QUASIPeAK
5		625.580	-15.386	44.557	29.171	-16.829	46.000	QUASIPeAK
6		883.600	-13.370	39.354	25.984	-20.016	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 : 2013/11/21 - 18:53
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 2: Transmit_802.11b_2437MHz

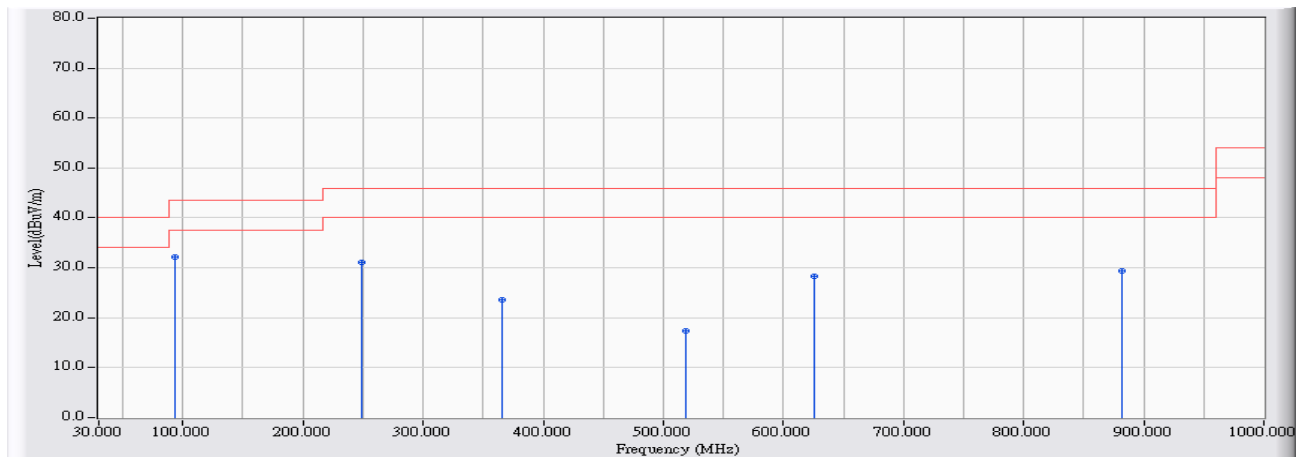


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	107.600	-22.787	57.924	35.137	-8.363	43.500	QUASIPeAK
2		142.520	-22.994	54.922	31.928	-11.572	43.500	QUASIPeAK
3		249.220	-21.077	48.537	27.461	-18.539	46.000	QUASIPeAK
4		386.960	-17.872	44.401	26.529	-19.471	46.000	QUASIPeAK
5		499.480	-15.628	44.766	29.138	-16.862	46.000	QUASIPeAK
6		883.600	-13.370	38.939	25.569	-20.431	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 : 2013/11/21 - 18:53
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 2: Transmit_802.11g_2437MHz

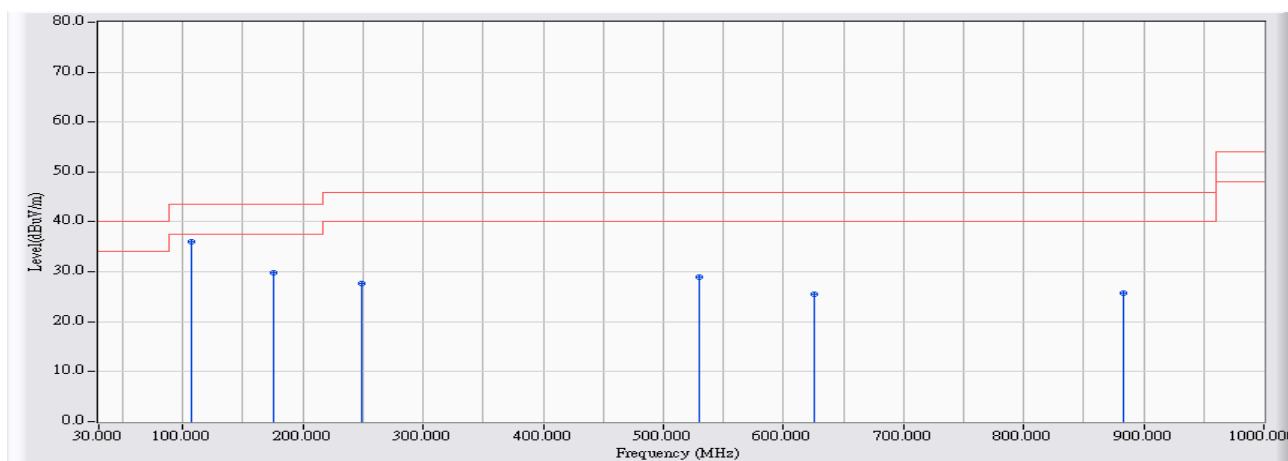


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	94.020	-24.559	56.780	32.221	-11.279	43.500	QUASIPeAK
2		249.220	-21.077	52.228	31.152	-14.848	46.000	QUASIPeAK
3		365.620	-18.405	41.934	23.528	-22.472	46.000	QUASIPeAK
4		518.880	-15.598	32.885	17.287	-28.713	46.000	QUASIPeAK
5		625.580	-15.386	43.687	28.301	-17.699	46.000	QUASIPeAK
6		881.660	-13.375	42.751	29.376	-16.624	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 : 2013/11/21 - 18:54
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 2: Transmit_802.11g_2437MHz

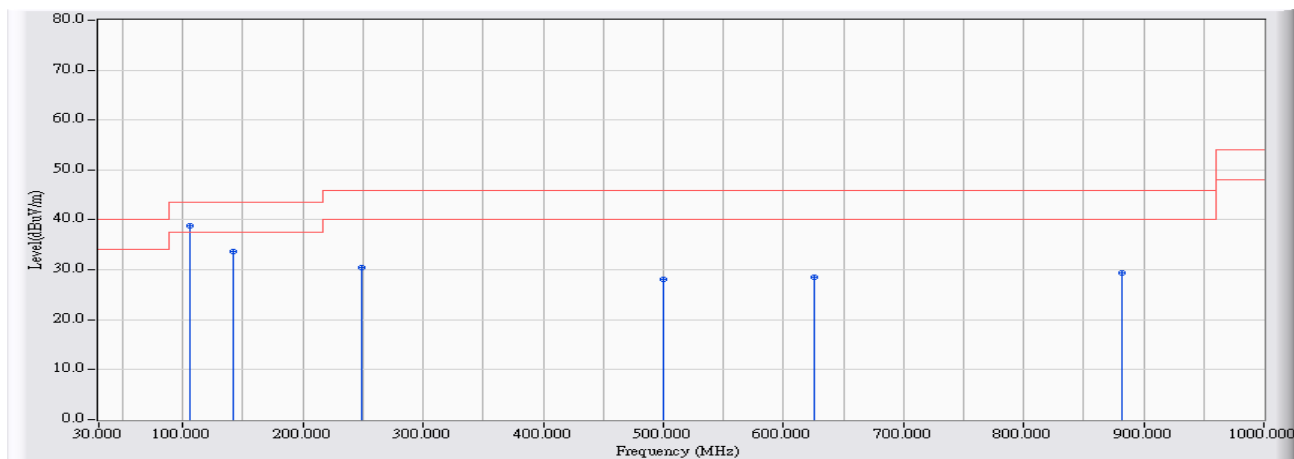


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	107.600	-22.787	58.830	36.043	-7.457	43.500	QUASIPeAK
2		175.500	-24.542	54.329	29.787	-13.713	43.500	QUASIPeAK
3		249.220	-21.077	48.640	27.564	-18.436	46.000	QUASIPeAK
4		530.520	-15.587	44.579	28.992	-17.008	46.000	QUASIPeAK
5		625.580	-15.386	40.973	25.587	-20.413	46.000	QUASIPeAK
6		883.600	-13.370	39.010	25.640	-20.360	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 : 2013/11/21 - 18:54
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 2: Transmit_802.11n 20MHz_2437MHz

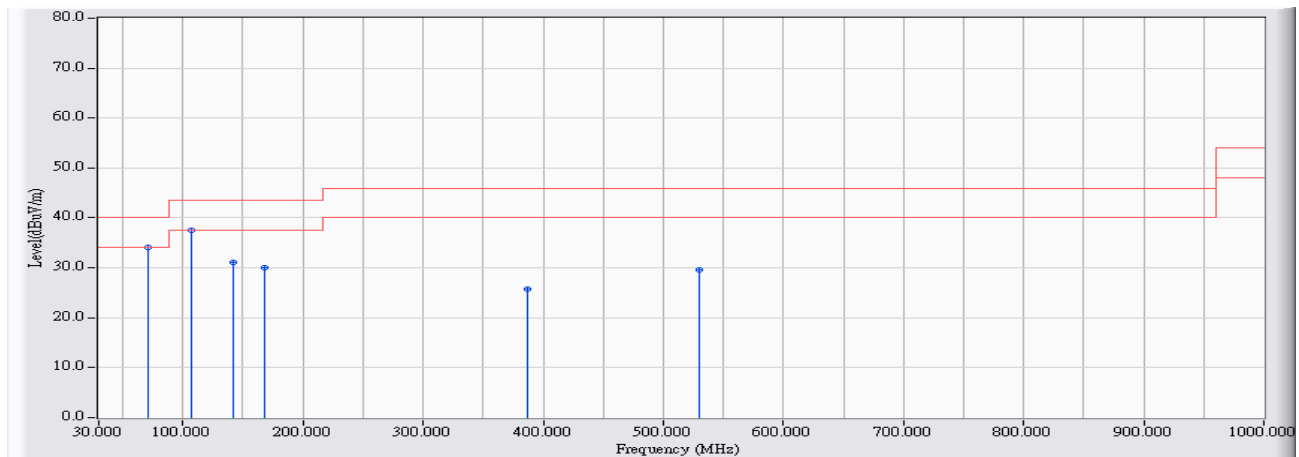


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.660	-22.881	61.723	38.842	-4.658	43.500	QUASIPeAK
2		142.520	-22.994	56.621	33.627	-9.873	43.500	QUASIPeAK
3		249.220	-21.077	51.521	30.445	-15.555	46.000	QUASIPeAK
4		499.480	-15.628	43.668	28.040	-17.960	46.000	QUASIPeAK
5		625.580	-15.386	43.895	28.509	-17.491	46.000	QUASIPeAK
6		881.660	-13.375	42.809	29.434	-16.566	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 : 2013/11/21 - 18:54
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 2: Transmit_802.11n 20MHz_2437MHz

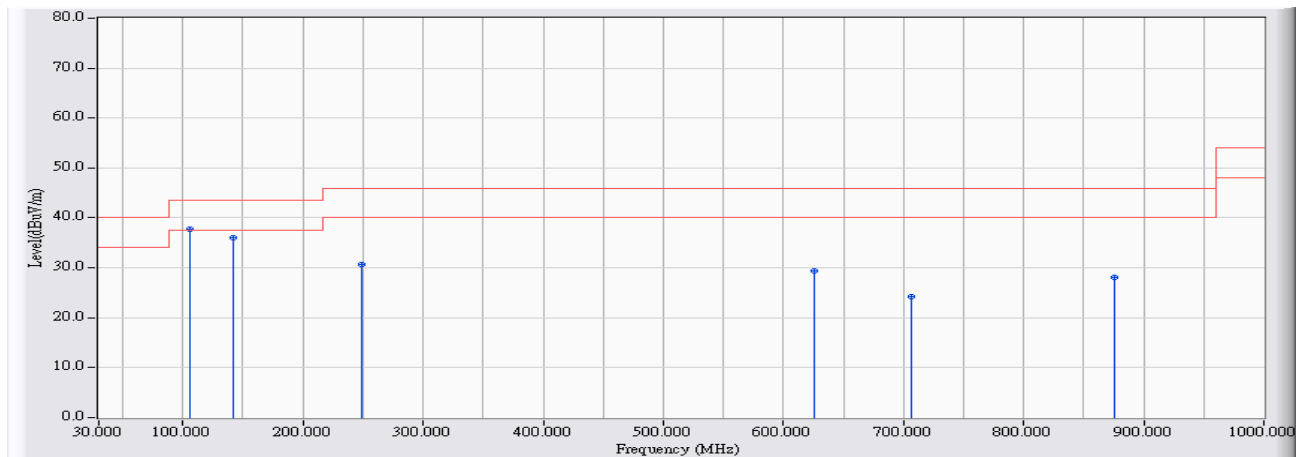


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.740	-27.413	61.425	34.013	-5.987	40.000	QUASIPeAK
2	*	107.600	-22.787	60.305	37.518	-5.982	43.500	QUASIPeAK
3		142.520	-22.994	54.183	31.189	-12.311	43.500	QUASIPeAK
4		167.740	-24.202	54.309	30.106	-13.394	43.500	QUASIPeAK
5		386.960	-17.872	43.687	25.815	-20.185	46.000	QUASIPeAK
6		530.520	-15.587	45.288	29.701	-16.299	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 : 2013/11/21 - 18:55
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 2: Transmit_802.11n 40MHz_2437MHz

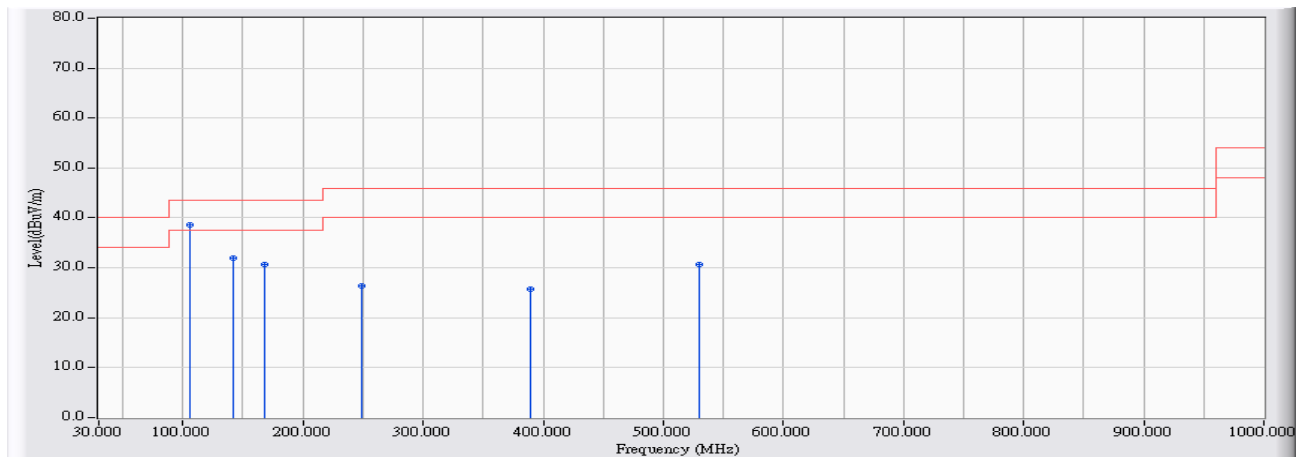


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.660	-22.881	60.634	37.753	-5.747	43.500	QUASIPeAK
2		142.520	-22.994	59.077	36.083	-7.417	43.500	QUASIPeAK
3		249.220	-21.077	51.812	30.736	-15.264	46.000	QUASIPeAK
4		625.580	-15.386	44.719	29.333	-16.667	46.000	QUASIPeAK
5		707.060	-14.907	39.150	24.243	-21.757	46.000	QUASIPeAK
6		875.840	-13.390	41.516	28.126	-17.874	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 : 2013/11/21 - 18:55
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 2: Transmit _802.11n 40MHz_2437MHz



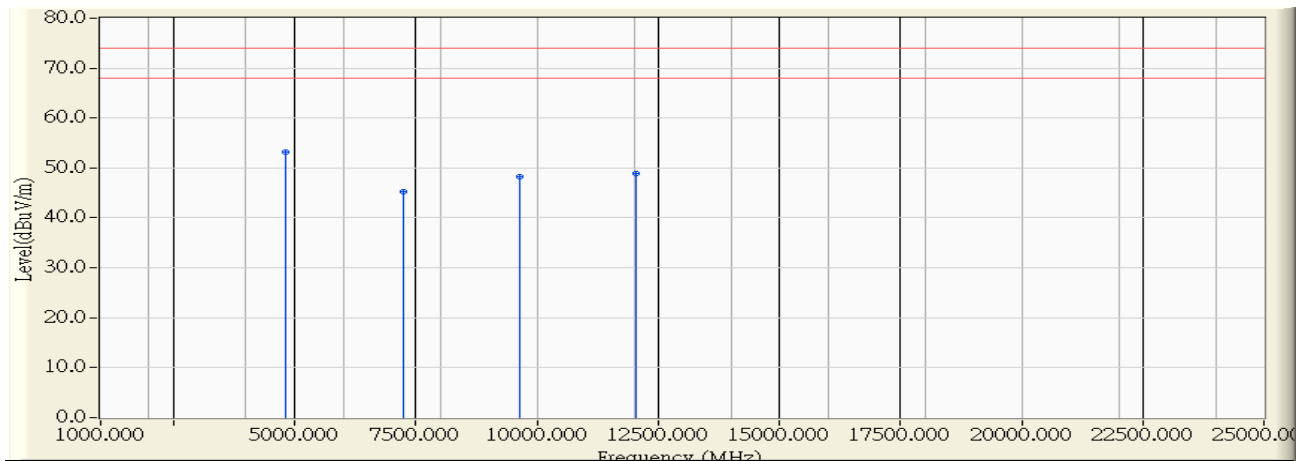
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	105.660	-22.881	61.529	38.648	-4.852	43.500	QUASIPeAK
2		142.520	-22.994	55.032	32.038	-11.462	43.500	QUASIPeAK
3		167.740	-24.202	54.892	30.689	-12.811	43.500	QUASIPeAK
4		249.220	-21.077	47.422	26.346	-19.654	46.000	QUASIPeAK
5		388.900	-17.823	43.654	25.831	-20.169	46.000	QUASIPeAK
6		530.520	-15.587	46.191	30.604	-15.396	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 : 2013/10/27 - 21:32
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2412MHz

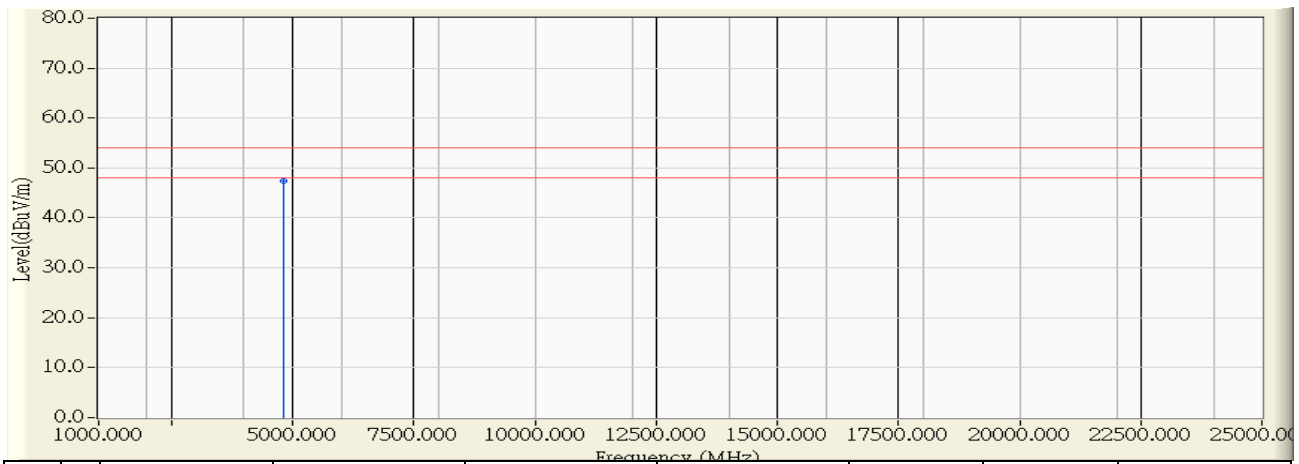


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4823.808	-0.617	53.810	53.193	-20.807	74.000	PEAK
2		7235.870	5.445	39.730	45.175	-28.825	74.000	PEAK
3		9640.930	9.180	39.060	48.240	-25.760	74.000	PEAK
4		12059.030	11.115	37.890	49.006	-24.994	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 : 2013/10/27 - 21:33
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2412MHz

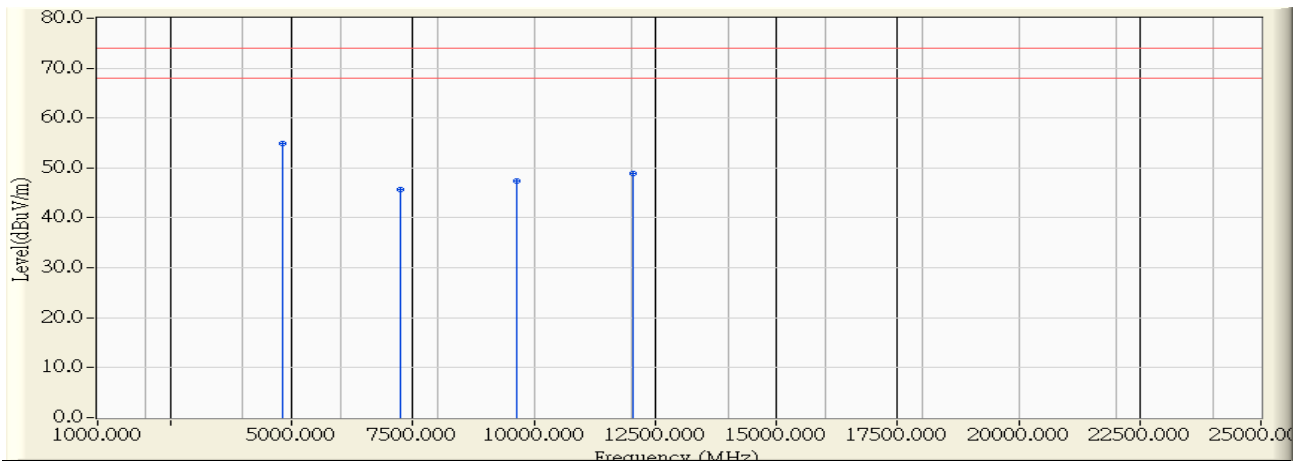


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.008	-0.617	47.950	47.333	-6.667	54.000	AVERAGE

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 : 2013/10/27 - 21:37
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2412MHz

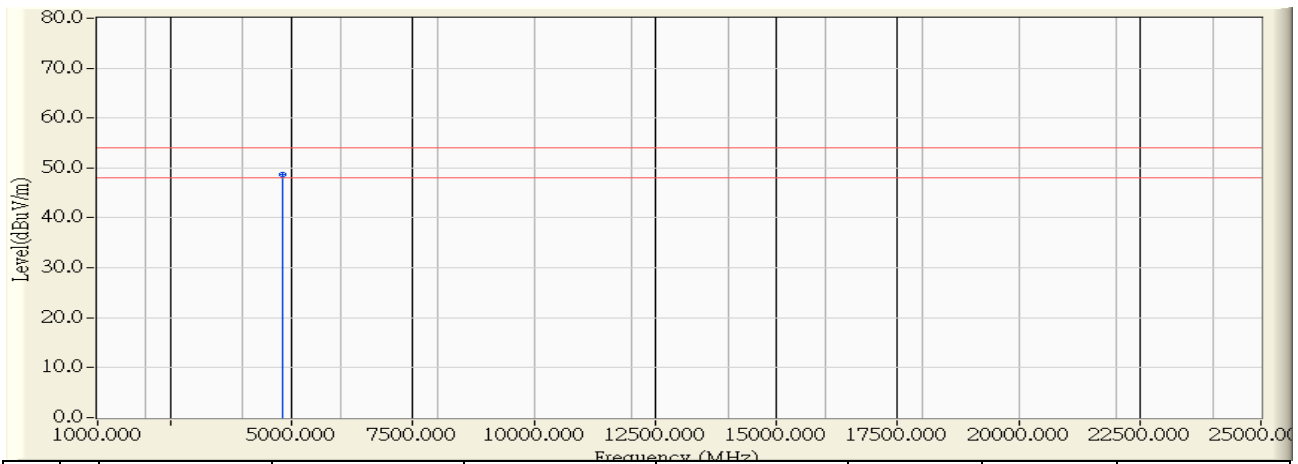


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.017	-0.617	55.540	54.924	-19.076	74.000	PEAK
2		7234.670	5.442	40.270	45.712	-28.288	74.000	PEAK
3		9652.970	9.258	38.080	47.338	-26.662	74.000	PEAK
4		12051.930	11.119	37.690	48.809	-25.191	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 : 2013/10/27 - 21:38
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2412MHz

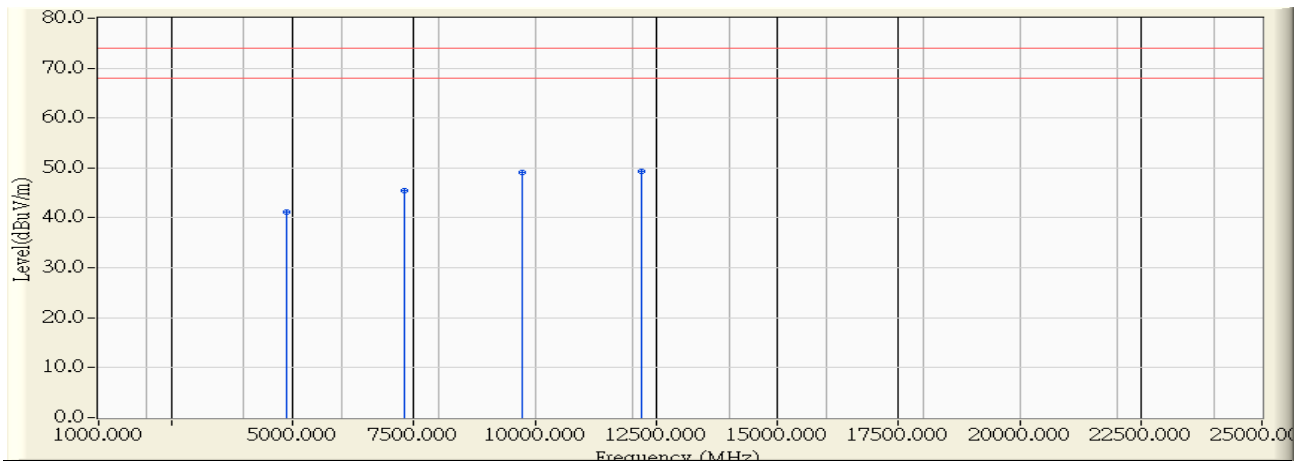


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4823.967	-0.617	49.210	48.593	-5.407	54.000	AVERAGE

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 : 2013/10/27 - 21:44
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2437MHz

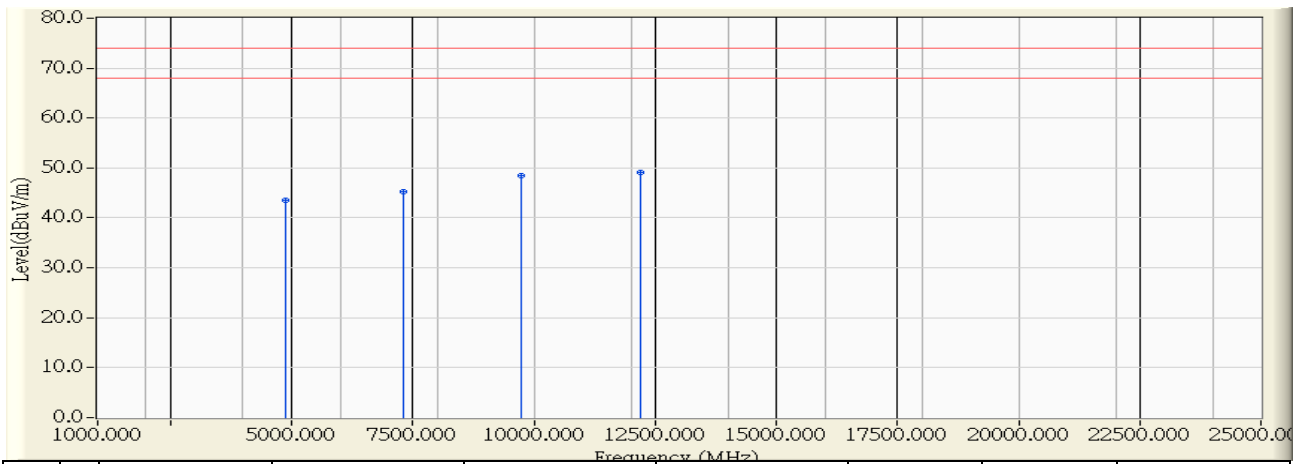


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.742	-0.495	41.740	41.245	-32.755	74.000	PEAK
2		7312.783	5.611	39.910	45.521	-28.479	74.000	PEAK
3		9750.175	9.887	39.270	49.157	-24.843	74.000	PEAK
4	*	12184.733	11.058	38.280	49.338	-24.662	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 : 2013/10/27 - 21:46
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2437MHz

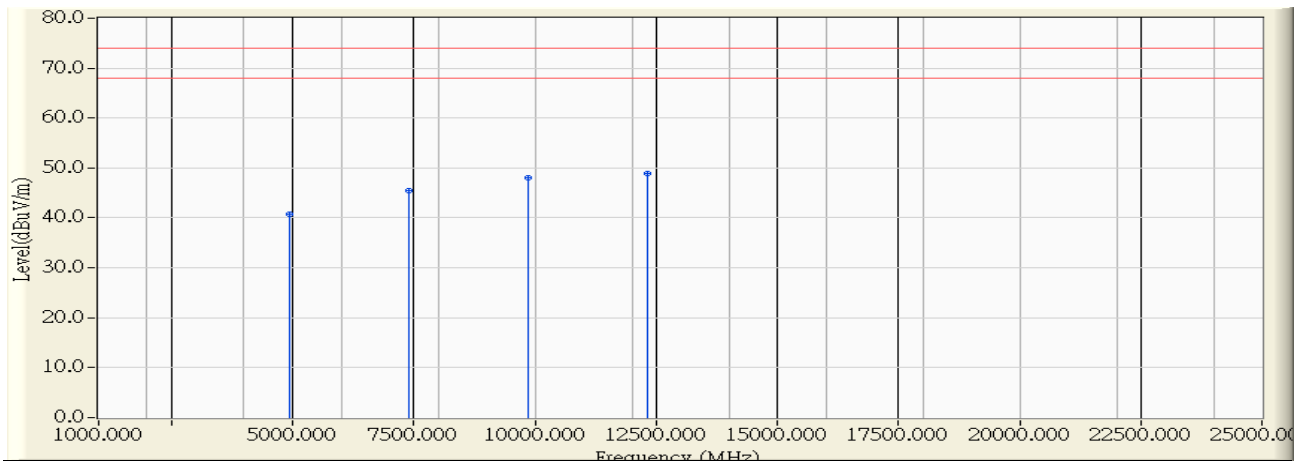


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.117	-0.495	44.090	43.596	-30.404	74.000	PEAK
2		7309.525	5.604	39.720	45.324	-28.676	74.000	PEAK
3		9746.992	9.867	38.650	48.517	-25.483	74.000	PEAK
4	*	12185.008	11.058	37.960	49.018	-24.982	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 : 2013/10/27 - 21:49
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2462MHz

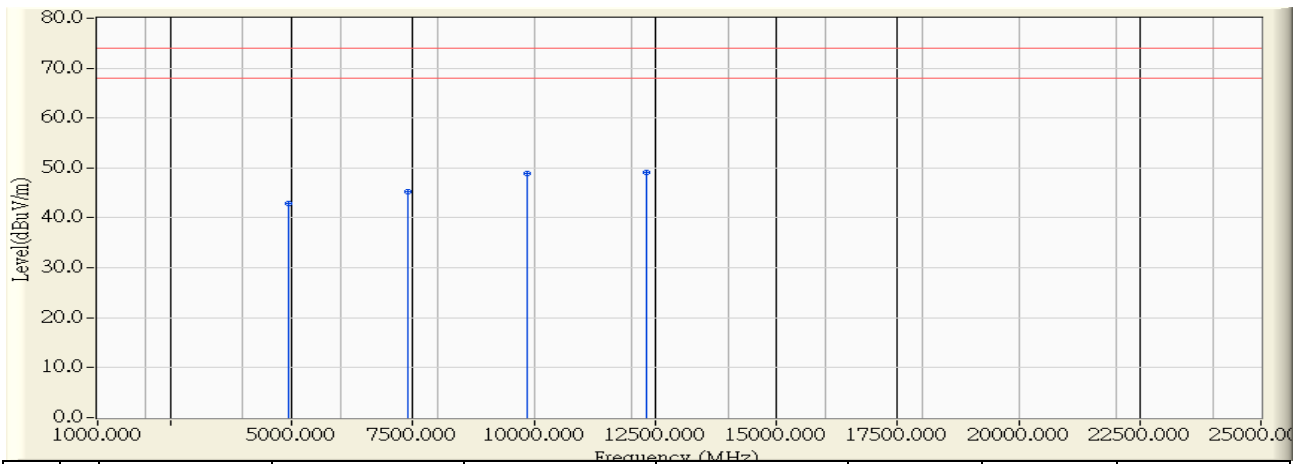


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.950	-0.373	41.230	40.857	-33.143	74.000	PEAK
2		7387.642	5.773	39.670	45.443	-28.557	74.000	PEAK
3		9849.425	10.531	37.580	48.110	-25.890	74.000	PEAK
4	*	12312.167	11.001	37.950	48.950	-25.050	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 : 2013/10/27 - 21:51
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11b_2462MHz

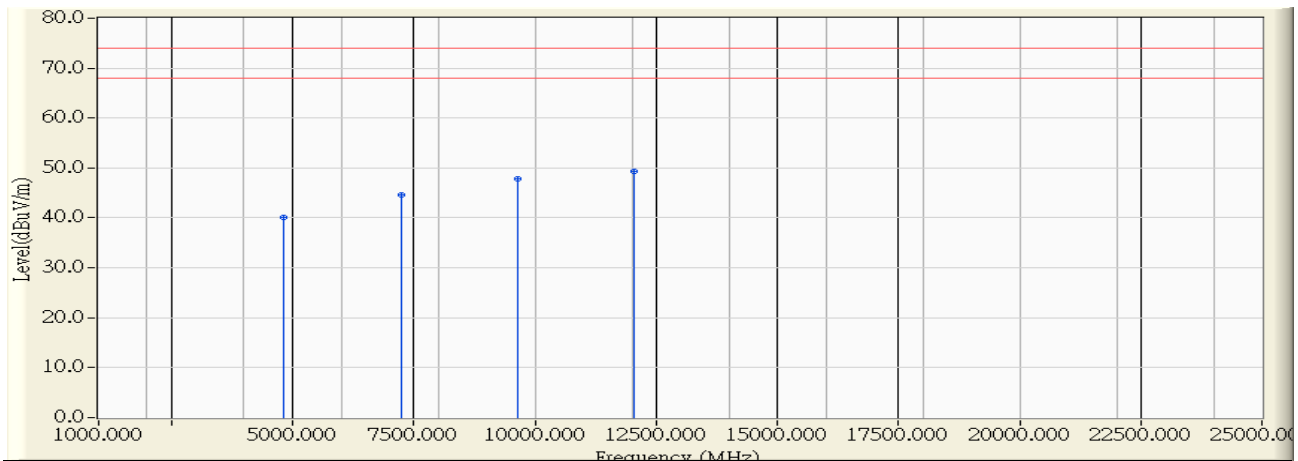


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.083	-0.373	43.240	42.867	-31.133	74.000	PEAK
2		7386.650	5.771	39.390	45.161	-28.839	74.000	PEAK
3		9846.225	10.508	38.350	48.859	-25.141	74.000	PEAK
4	*	12309.425	11.002	38.190	49.192	-24.808	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 : 2013/10/27 - 21:55
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11g_2412MHz

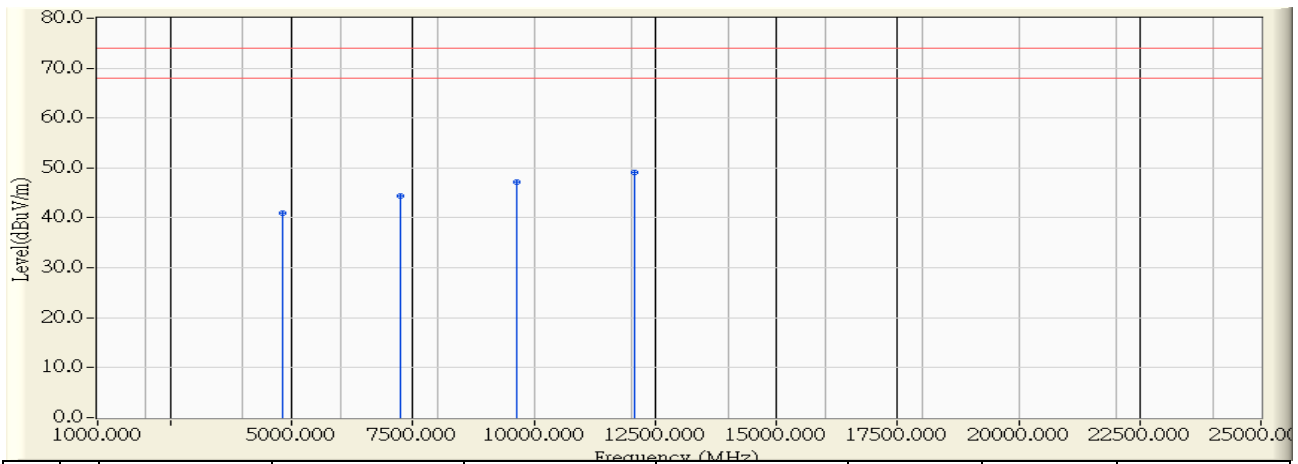


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.358	-0.615	40.830	40.214	-33.786	74.000	PEAK
2		7233.833	5.441	39.090	44.531	-29.469	74.000	PEAK
3		9647.917	9.226	38.540	47.765	-26.235	74.000	PEAK
4	*	12059.567	11.116	38.140	49.256	-24.744	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 : 2013/10/27 - 21:57
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11g_2412MHz

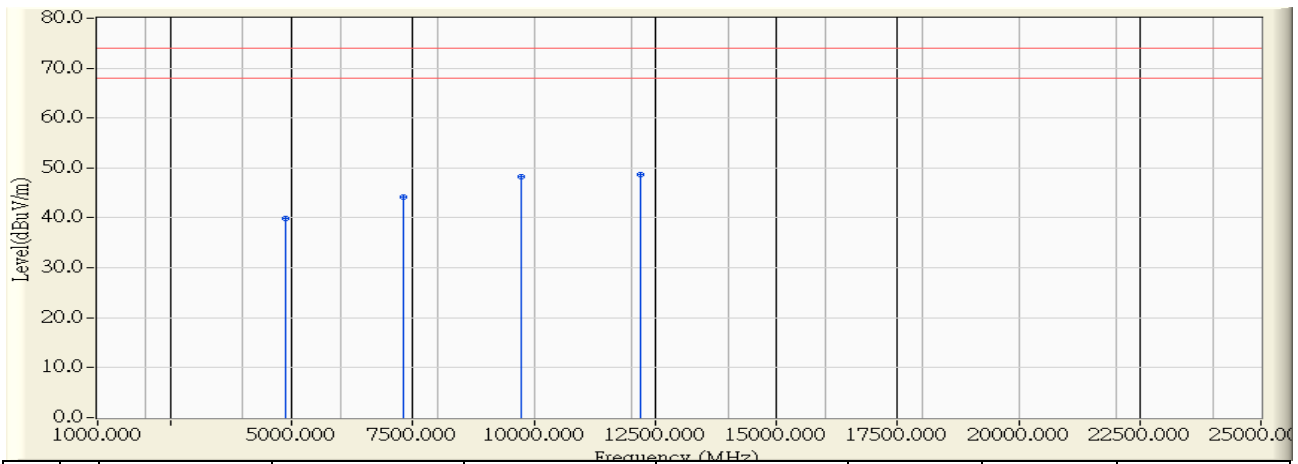


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.108	-0.616	41.670	41.054	-32.946	74.000	PEAK
2		7238.400	5.450	38.890	44.340	-29.660	74.000	PEAK
3		9650.158	9.240	37.930	47.170	-26.830	74.000	PEAK
4	*	12062.000	11.115	38.060	49.174	-24.826	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 : 2013/10/27 - 22:00
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11g_2437MHz

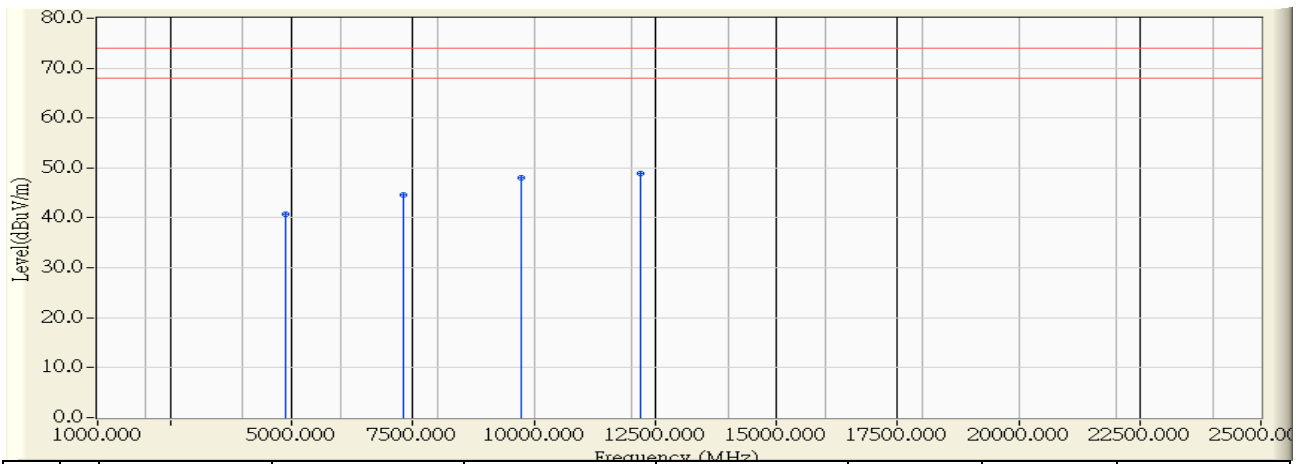


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.042	-0.495	40.460	39.966	-34.034	74.000	PEAK
2		7310.017	5.605	38.670	44.275	-29.725	74.000	PEAK
3		9746.092	9.861	38.500	48.361	-25.639	74.000	PEAK
4	*	12186.442	11.058	37.640	48.698	-25.302	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 : 2013/10/27 - 22:04
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11g_2437MHz

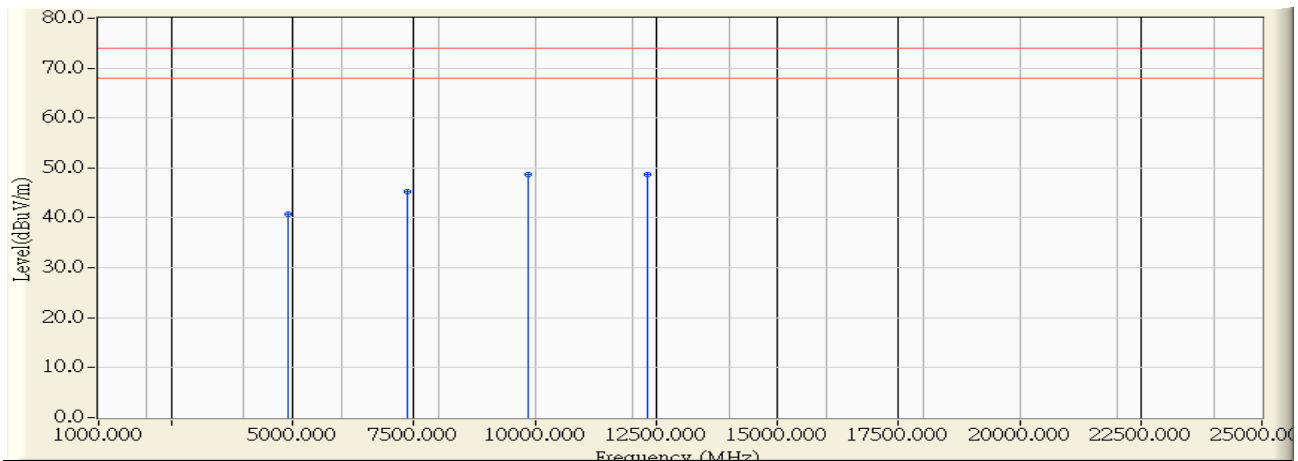


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.008	-0.495	41.220	40.725	-33.275	74.000	PEAK
2		7311.200	5.608	39.080	44.688	-29.312	74.000	PEAK
3		9749.267	9.882	38.090	47.971	-26.029	74.000	PEAK
4	*	12185.983	11.058	37.930	48.988	-25.012	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 : 2013/10/27 - 22:06
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11g_2462MHz

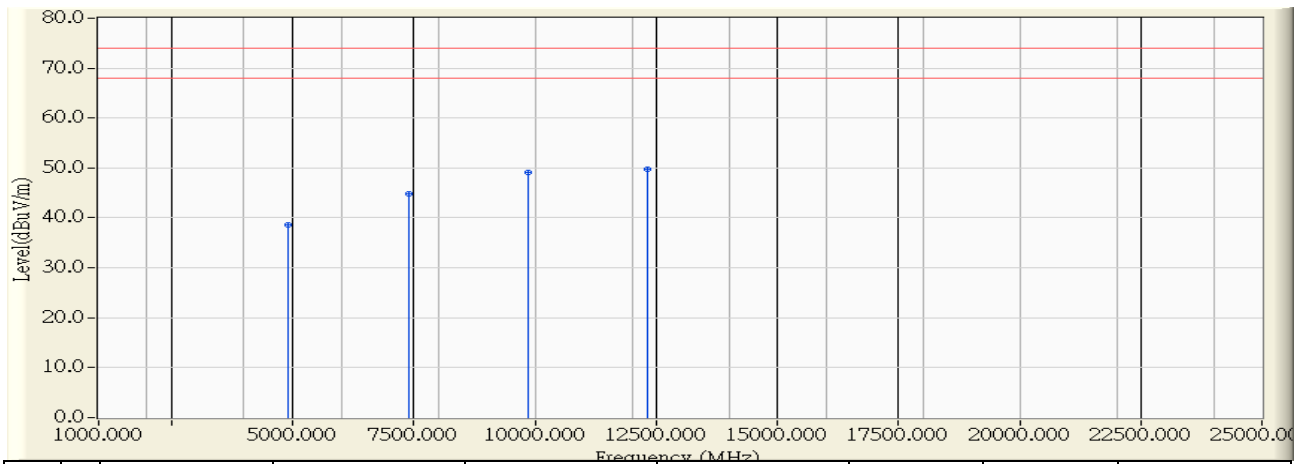


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4922.550	-0.375	41.080	40.704	-33.296	74.000	PEAK
2		7383.683	5.764	39.430	45.195	-28.805	74.000	PEAK
3		9848.417	10.524	38.090	48.613	-25.387	74.000	PEAK
4	*	12310.600	11.000	37.680	48.681	-25.319	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 : 2013/10/27 - 22:07
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11g_2462MHz

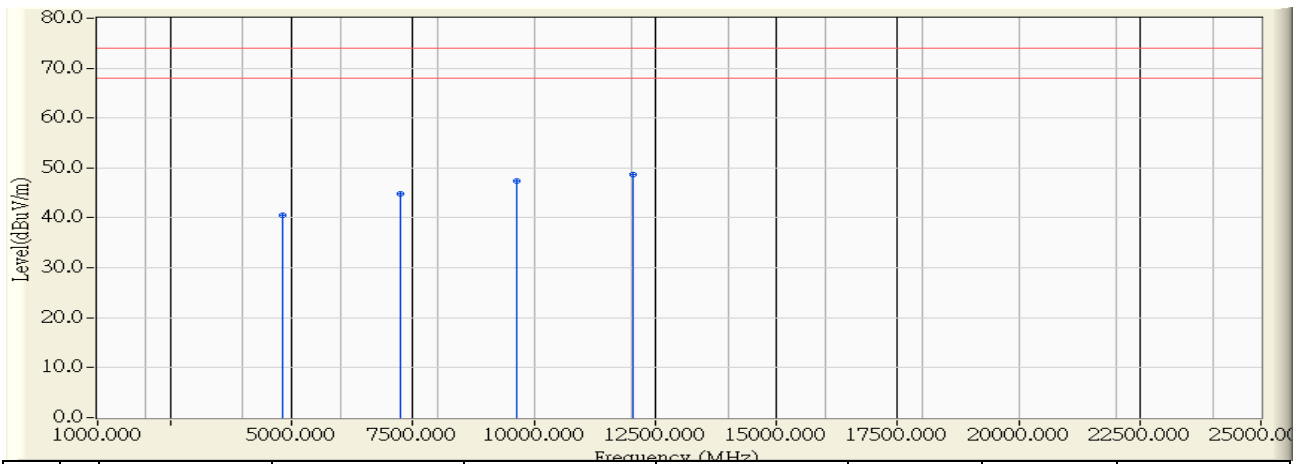


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4921.583	-0.379	39.090	38.711	-35.289	74.000	PEAK
2		7386.333	5.771	39.090	44.860	-29.140	74.000	PEAK
3		9846.442	10.511	38.520	49.031	-24.969	74.000	PEAK
4	*	12308.142	11.003	38.830	49.832	-24.168	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 : 2013/10/27 - 22:11
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 20MHz_2412MHz

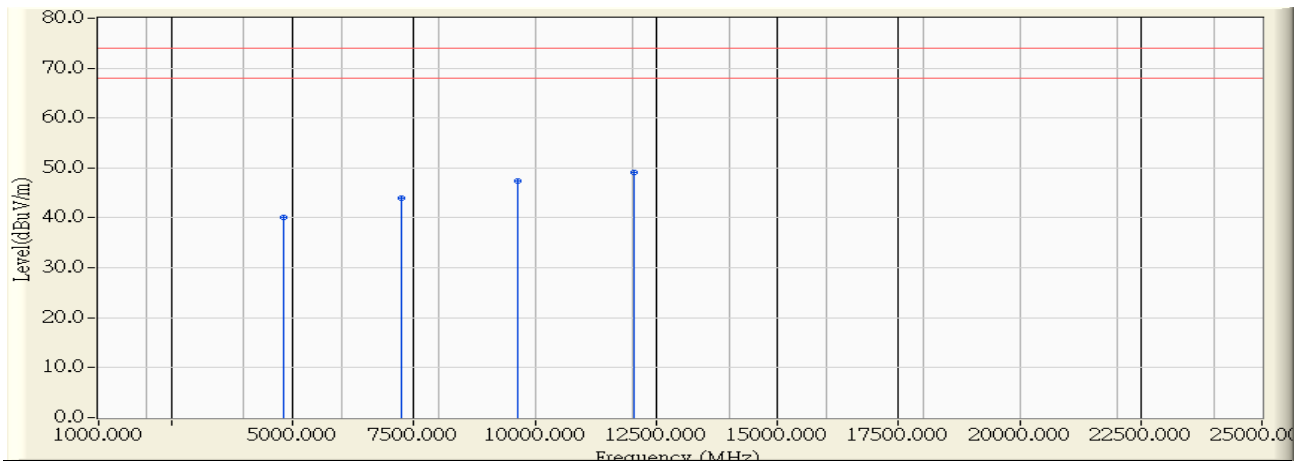


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.308	-0.613	41.070	40.457	-33.543	74.000	PEAK
2		7234.042	5.441	39.400	44.841	-29.159	74.000	PEAK
3		9649.683	9.237	38.150	47.387	-26.613	74.000	PEAK
4	*	12061.167	11.115	37.590	48.705	-25.295	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 : 2013/10/27 - 22:13
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_02.11n 20MHz_2412MHz

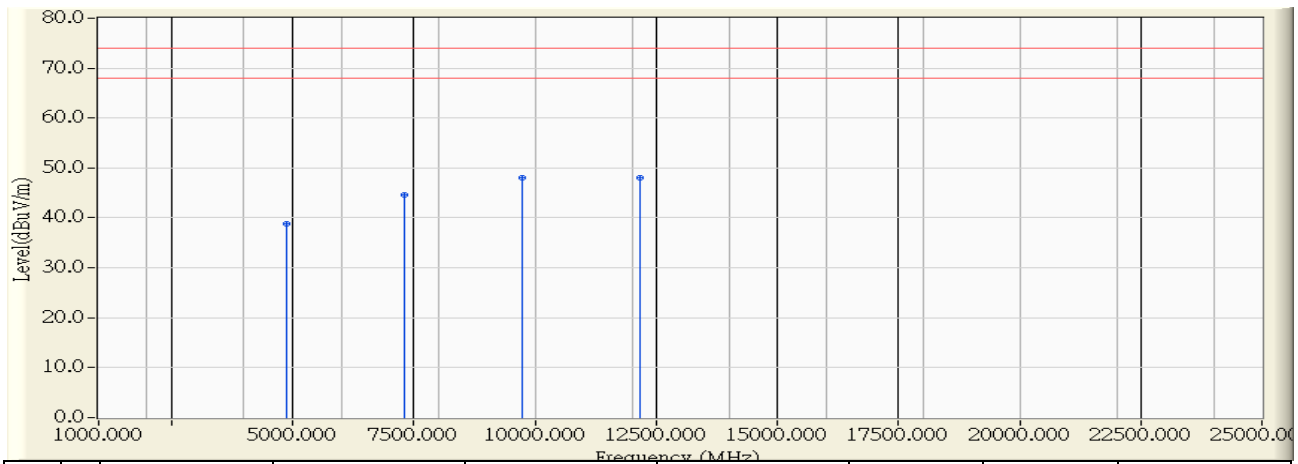


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.600	-0.613	40.720	40.107	-33.893	74.000	PEAK
2		7234.342	5.442	38.450	43.892	-30.108	74.000	PEAK
3		9649.825	9.238	38.160	47.398	-26.602	74.000	PEAK
4	*	12061.375	11.115	38.050	49.165	-24.835	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 : 2013/10/27 - 22:14
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 20MHz_2437MHz

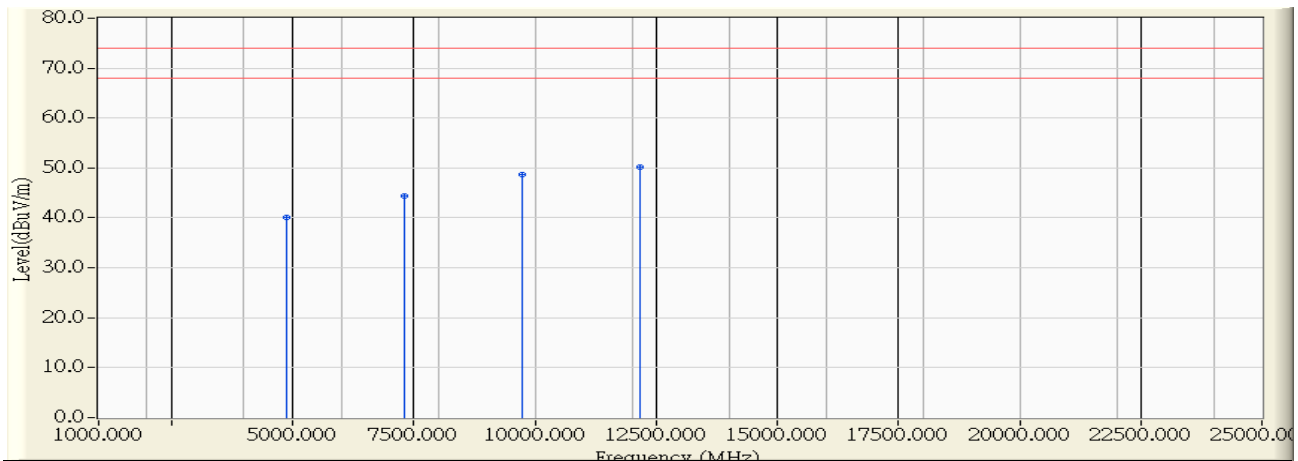


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4875.358	-0.491	39.320	38.829	-35.171	74.000	PEAK
2		7312.908	5.611	38.910	44.522	-29.478	74.000	PEAK
3		9749.800	9.885	38.150	48.035	-25.965	74.000	PEAK
4	*	12183.800	11.059	37.030	48.089	-25.911	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 : 2013/10/27 - 22:16
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 20MHz_2437MHz

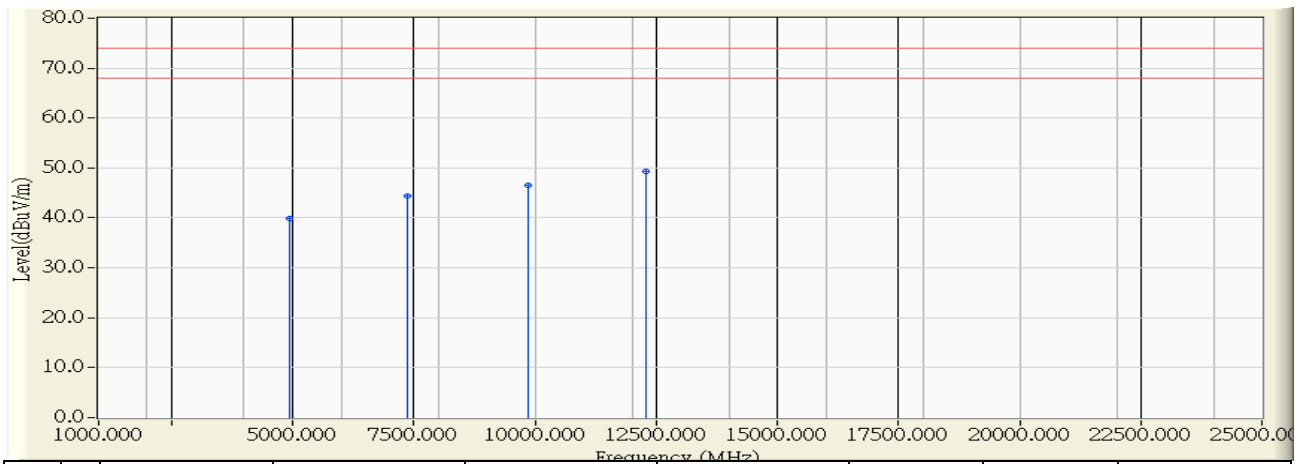


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.108	-0.496	40.640	40.143	-33.857	74.000	PEAK
2		7308.658	5.602	38.900	44.502	-29.498	74.000	PEAK
3		9749.975	9.886	38.740	48.626	-25.374	74.000	PEAK
4	*	12183.775	11.059	39.170	50.229	-23.771	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 : 2013/10/27 - 22:18
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 20MHz_2462MHz

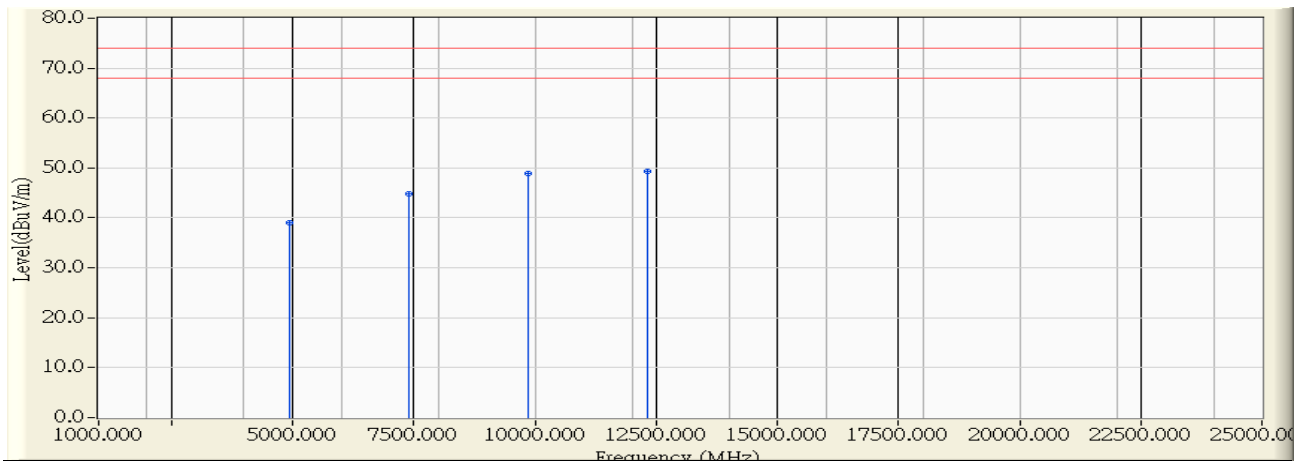


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4925.433	-0.369	40.320	39.951	-34.049	74.000	PEAK
2		7384.392	5.766	38.660	44.426	-29.574	74.000	PEAK
3		9846.392	10.510	36.070	46.580	-27.420	74.000	PEAK
4	*	12307.658	11.002	38.240	49.242	-24.758	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 : 2013/10/27 - 22:18
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 20MHz_2462MHz

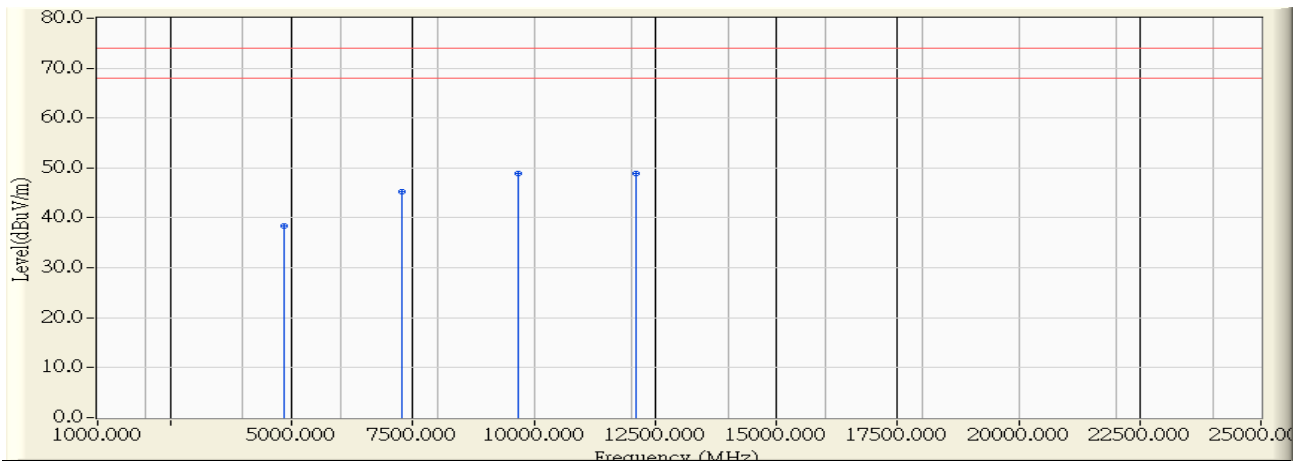


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.258	-0.374	39.430	39.055	-34.945	74.000	PEAK
2		7387.467	5.773	39.160	44.933	-29.067	74.000	PEAK
3		9848.183	10.522	38.430	48.952	-25.048	74.000	PEAK
4	*	12310.383	11.000	38.280	49.281	-24.719	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 : 2013/10/27 - 22:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 40MHz_2422MHz

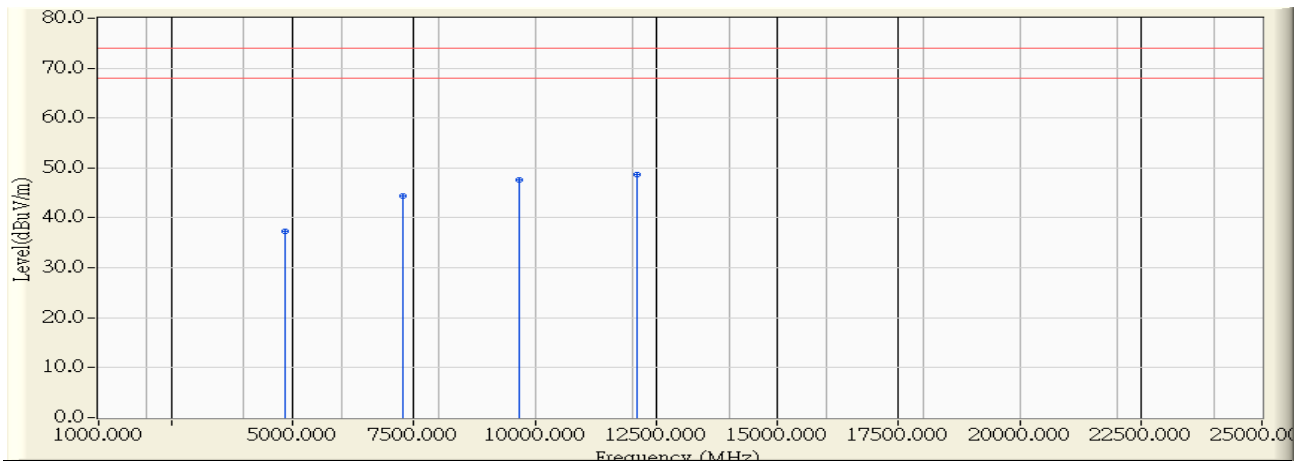


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4842.500	-0.571	39.060	38.489	-35.511	74.000	PEAK
2	7264.833	5.508	39.770	45.278	-28.722	74.000	PEAK
3	* 9688.608	9.489	39.500	48.989	-25.011	74.000	PEAK
4	12109.100	11.092	37.740	48.833	-25.167	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 : 2013/10/27 - 22:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 40MHz_2422MHz

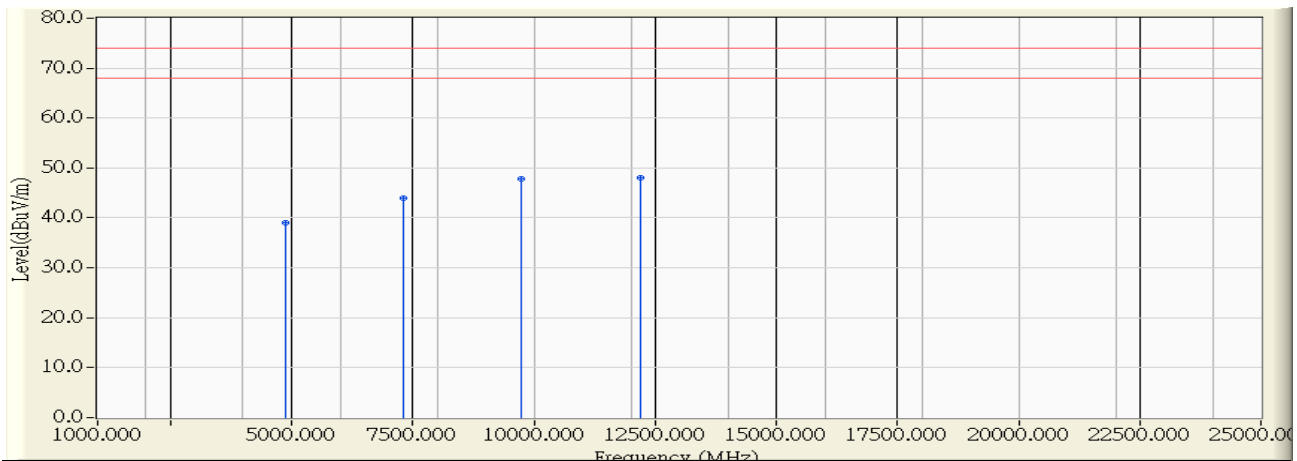


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4843.692	-0.568	37.870	37.302	-36.698	74.000	PEAK
2		7265.075	5.508	38.880	44.388	-29.612	74.000	PEAK
3		9686.450	9.475	38.210	47.685	-26.315	74.000	PEAK
4	*	12111.492	11.092	37.600	48.692	-25.308	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 : 2013/10/27 - 22:23
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 40MHz_2437MHz

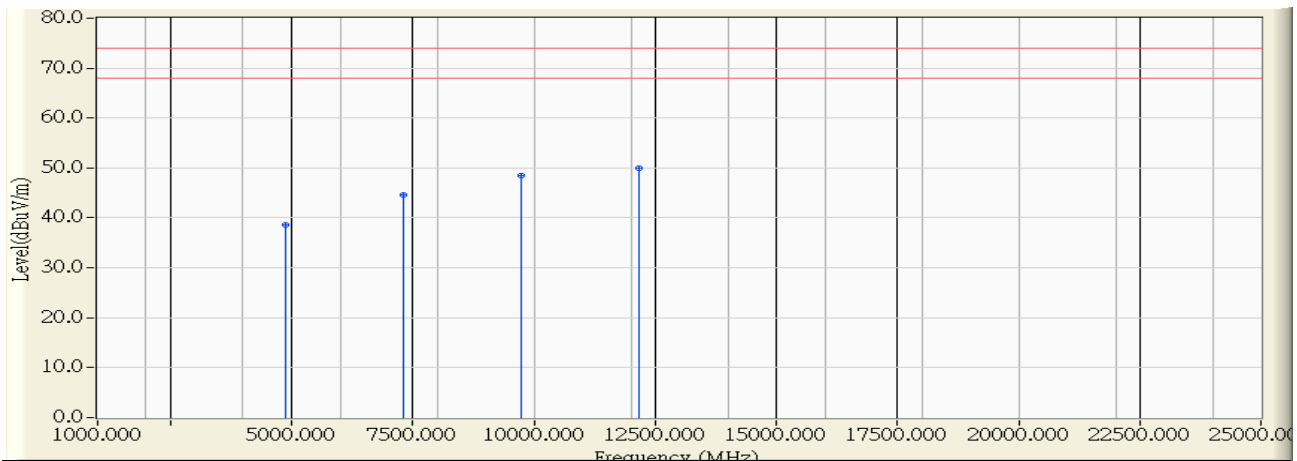


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4872.008	-0.499	39.470	38.971	-35.029	74.000	PEAK
2		7309.858	5.605	38.290	43.895	-30.105	74.000	PEAK
3		9750.142	9.887	37.890	47.777	-26.223	74.000	PEAK
4	*	12185.708	11.058	37.090	48.148	-25.852	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 : 2013/10/27 - 22:24
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 40MHz_2437MHz

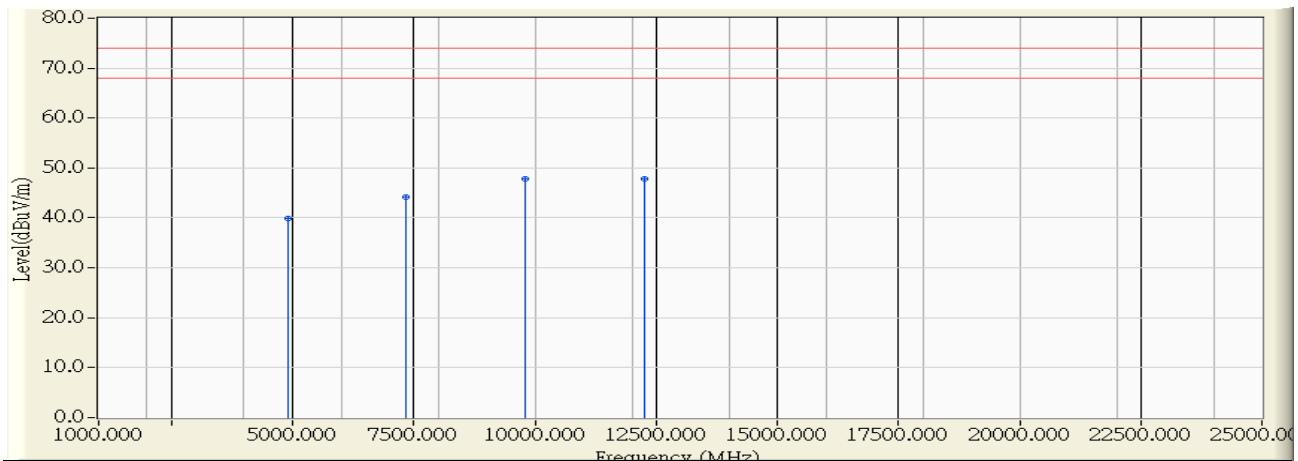


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4871.850	-0.501	39.140	38.640	-35.360	74.000	PEAK
2		7309.708	5.604	39.000	44.605	-29.395	74.000	PEAK
3		9747.558	9.870	38.540	48.410	-25.590	74.000	PEAK
4	*	12182.808	11.059	38.840	49.899	-24.101	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 : 2013/10/27 - 22:26
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 40MHz_CH09

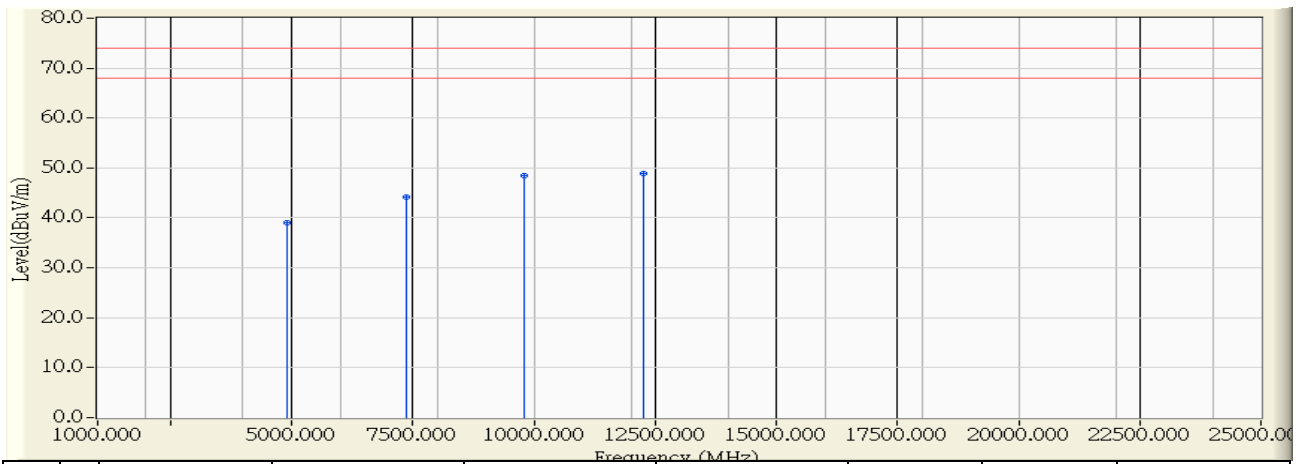


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4902.217	-0.426	40.270	39.844	-34.156	74.000	PEAK
2	7353.733	5.699	38.540	44.240	-29.760	74.000	PEAK
3	* 9809.833	10.274	37.600	47.874	-26.126	74.000	PEAK
4	12261.675	11.023	36.730	47.753	-26.247	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 : 2013/10/27 - 22:28
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V /60Hz
EUT : RT-N14UHP High Power Router/AP/Range Extender	Note : Mode 1: Transmit(CDD Mode)_802.11n 40MHz_CH09

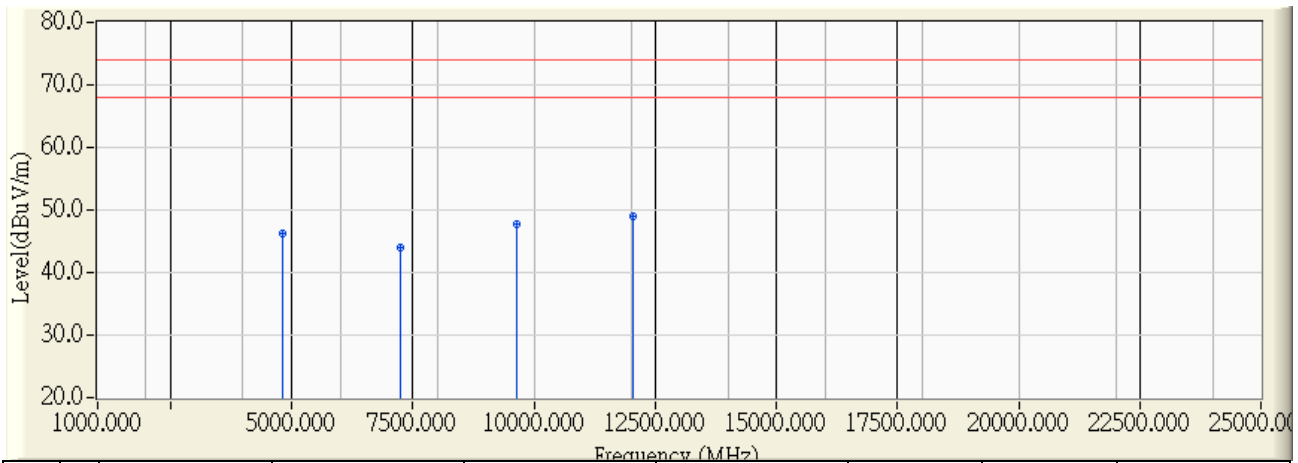


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4903.192	-0.423	39.550	39.127	-34.873	74.000	PEAK
2		7355.167	5.703	38.390	44.093	-29.907	74.000	PEAK
3		9808.817	10.268	38.180	48.447	-25.553	74.000	PEAK
4	*	12258.342	11.025	37.840	48.865	-25.135	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 : 2013/11/21 - 15:01
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11b_2412MHz

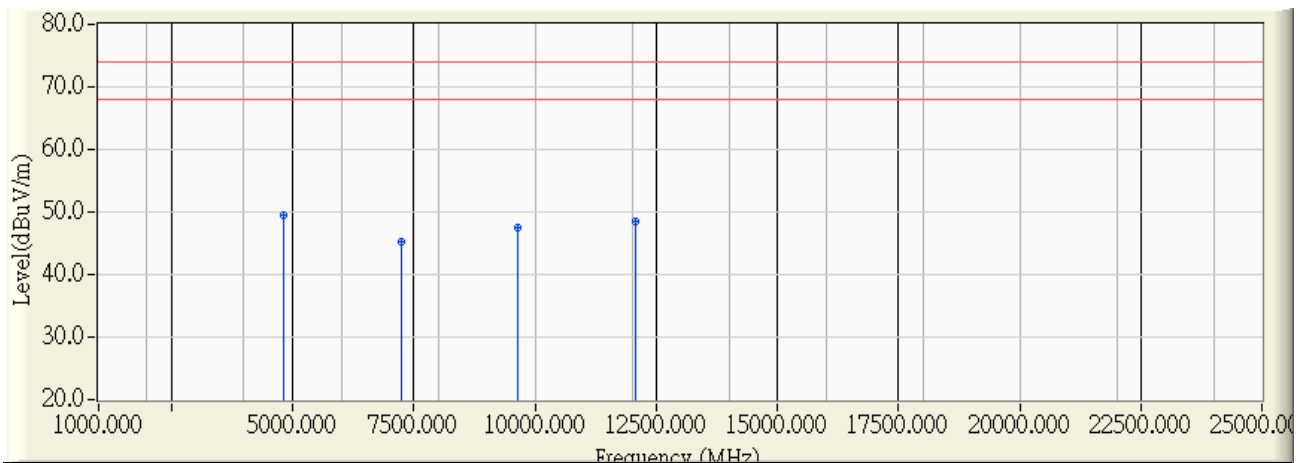


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4823.910	-0.617	46.793	46.176	-27.824	74.000	PEAK
2		7240.000	5.454	38.641	44.095	-29.905	74.000	PEAK
3		9647.870	9.225	38.572	47.797	-26.203	74.000	PEAK
4	*	12058.000	11.116	37.876	48.992	-25.008	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 : 2013/11/21 - 15:14
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11b_2412MHz

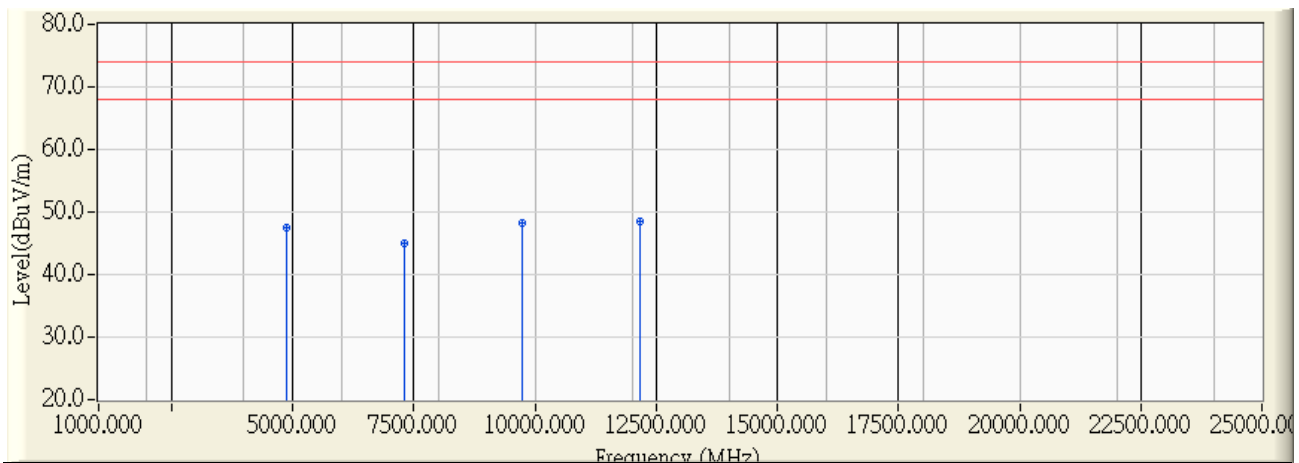


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.130	-0.616	50.103	49.487	-24.513	74.000	PEAK
2		7234.670	5.442	39.768	45.210	-28.790	74.000	PEAK
3		9652.730	9.256	38.225	47.481	-26.519	74.000	PEAK
4		12063.240	11.114	37.470	48.584	-25.416	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 : 2013/11/21 - 15:19
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11b_2437MHz

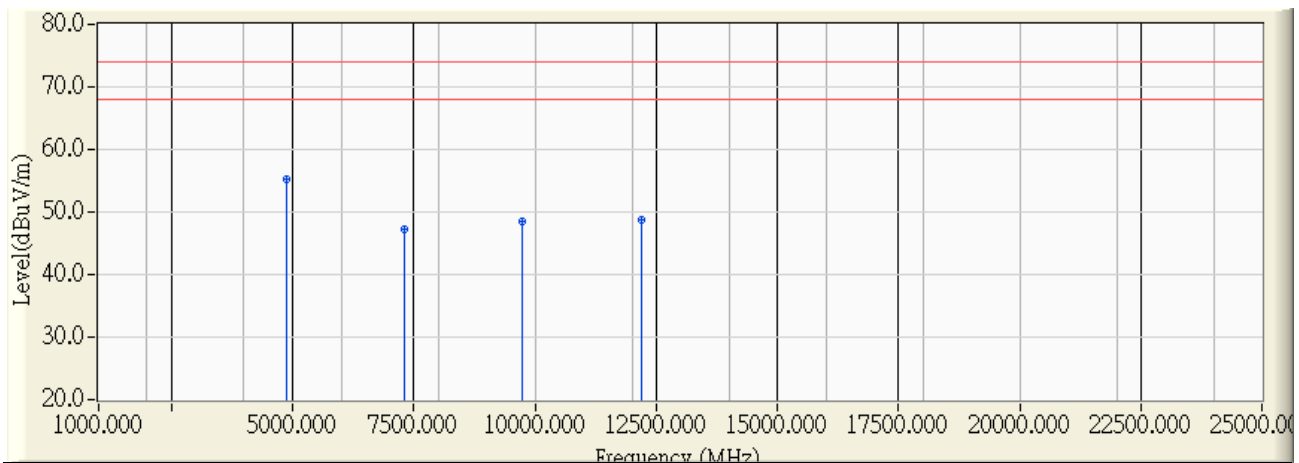


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.980	-0.495	48.051	47.556	-26.444	74.000	PEAK
2		7309.690	5.604	39.335	44.940	-29.060	74.000	PEAK
3		9752.470	9.902	38.426	48.328	-25.672	74.000	PEAK
4	*	12182.600	11.059	37.465	48.524	-25.476	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 : 2013/11/21 - 15:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11b_2437MHz

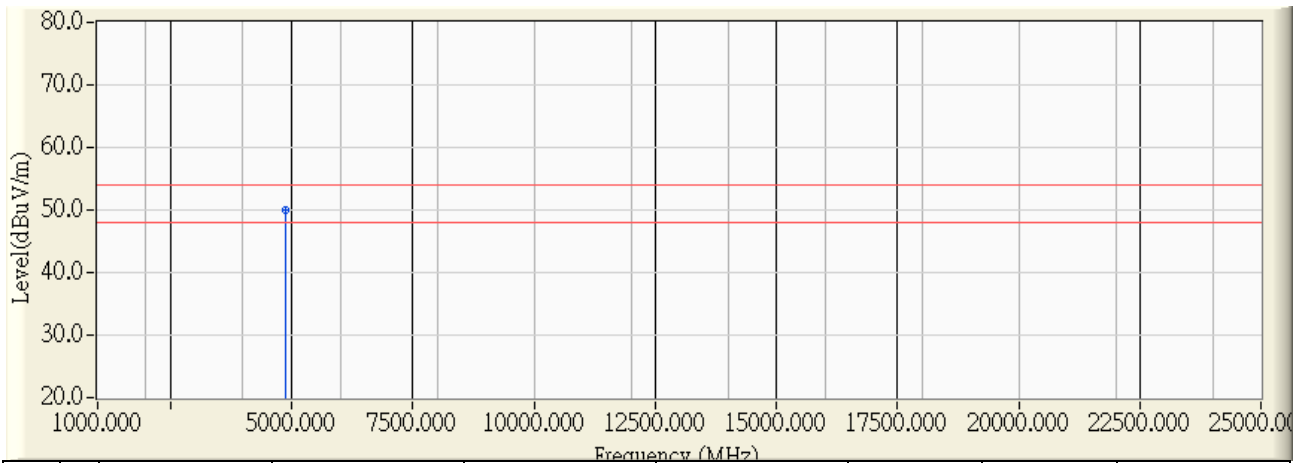


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4873.740	-0.495	55.713	55.218	-18.782	74.000	PEAK
2		7311.590	5.609	41.686	47.295	-26.705	74.000	PEAK
3		9748.100	9.874	38.592	48.466	-25.534	74.000	PEAK
4		12185.810	11.058	37.674	48.732	-25.268	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 : 2013/11/21 - 15:23
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11b_2437MHz

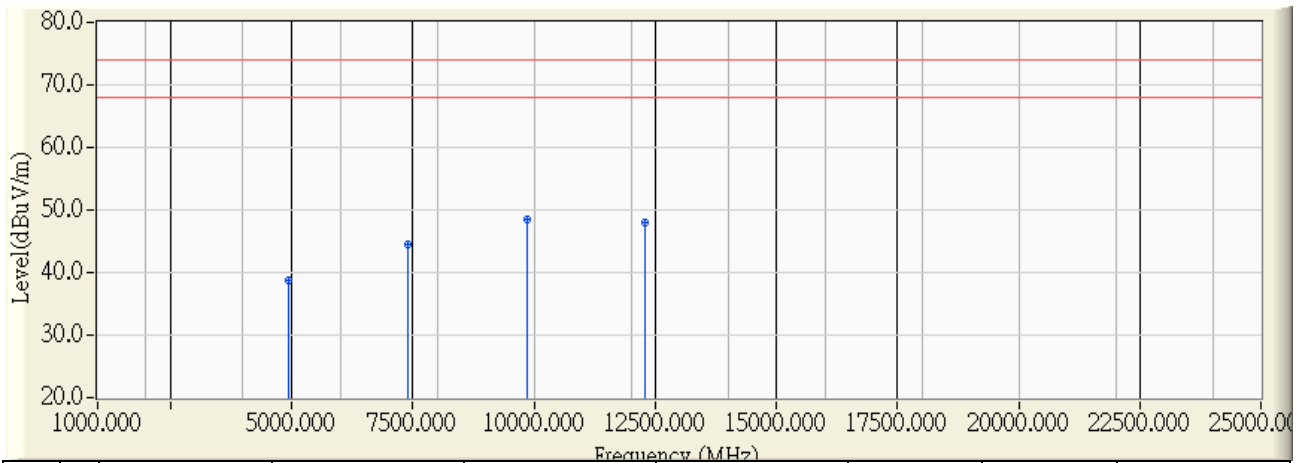


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-0.495	50.562	50.067	-3.933	54.000	AVERAGE

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 : 2013/11/21 - 15:27
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11b_2462MHz

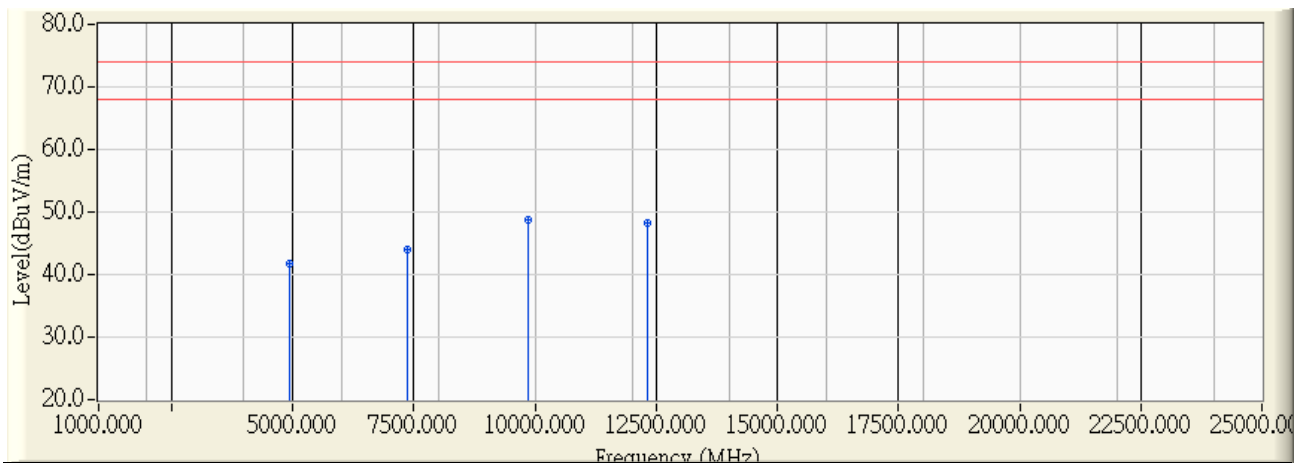


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.860	-0.373	39.225	38.852	-35.148	74.000	PEAK
2		7389.440	5.777	38.671	44.448	-29.552	74.000	PEAK
3	*	9847.330	10.516	37.976	48.492	-25.508	74.000	PEAK
4		12305.510	11.003	36.915	47.918	-26.082	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 : 2013/11/21 - 15:31
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11b_2462MHz

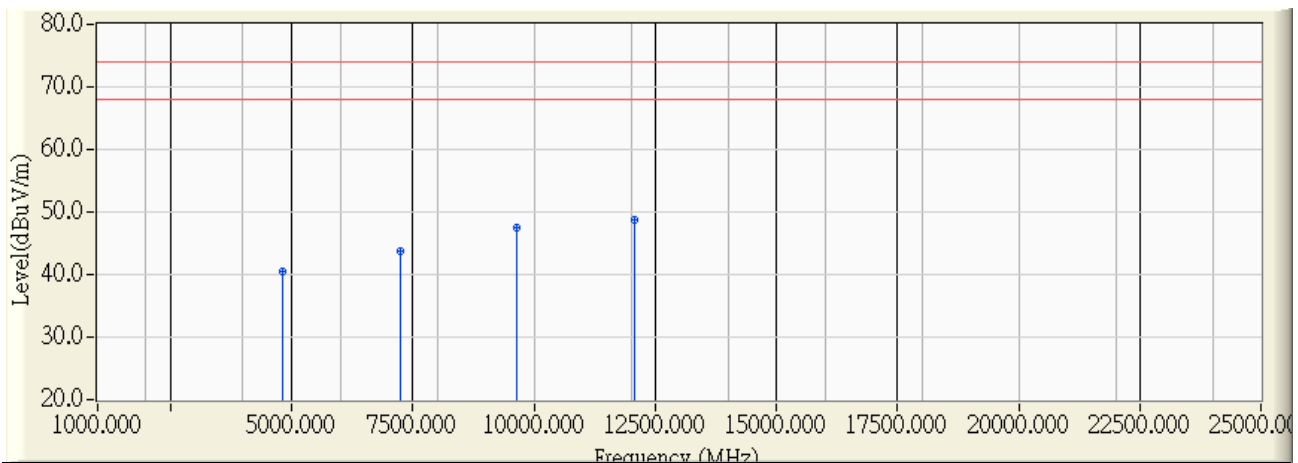


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.990	-0.373	42.143	41.770	-32.230	74.000	PEAK
2		7384.010	5.765	38.249	44.014	-29.986	74.000	PEAK
3	*	9852.430	10.550	38.105	48.654	-25.346	74.000	PEAK
4		12309.000	11.001	37.201	48.203	-25.797	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 : 2013/11/21 - 15:37
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11g_2412MHz

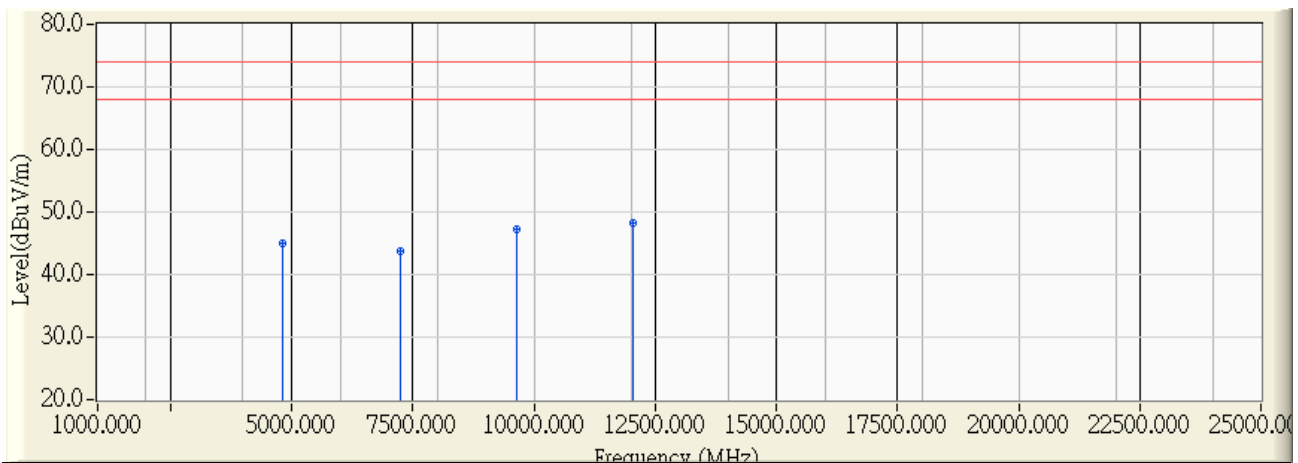


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.510	-0.615	40.997	40.382	-33.618	74.000	PEAK
2		7233.380	5.439	38.369	43.809	-30.191	74.000	PEAK
3		9651.240	9.246	38.215	47.462	-26.538	74.000	PEAK
4	*	12064.000	11.113	37.610	48.724	-25.276	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 : 2013/11/21 - 15:41
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11g_2412MHz

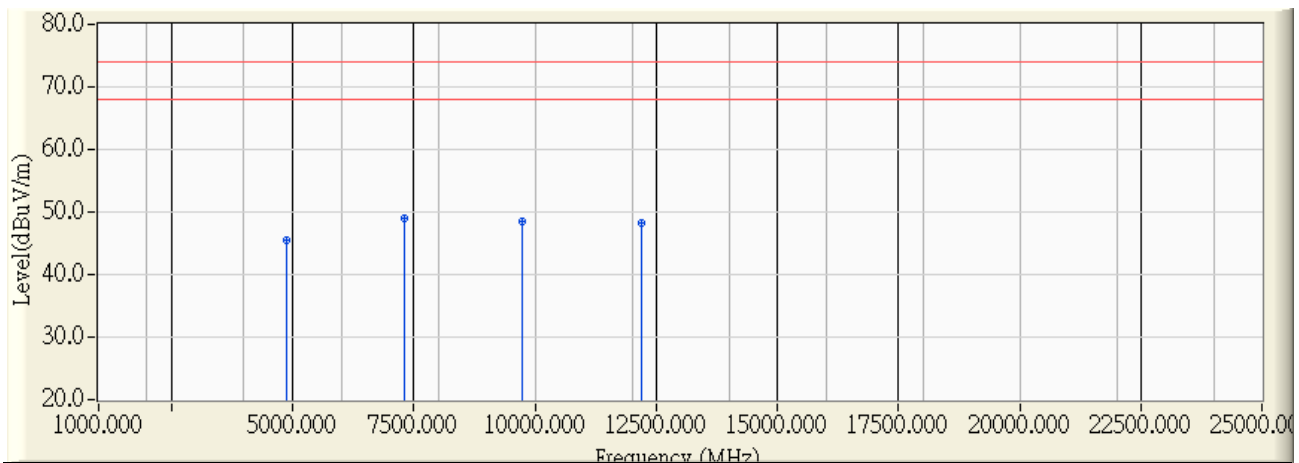


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4827.930	-0.607	45.496	44.889	-29.111	74.000	PEAK
2		7232.630	5.437	38.374	43.812	-30.188	74.000	PEAK
3		9648.360	9.228	38.119	47.347	-26.653	74.000	PEAK
4	*	12059.570	11.116	37.146	48.262	-25.738	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 : 2013/11/21 - 15:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11g_2437MHz

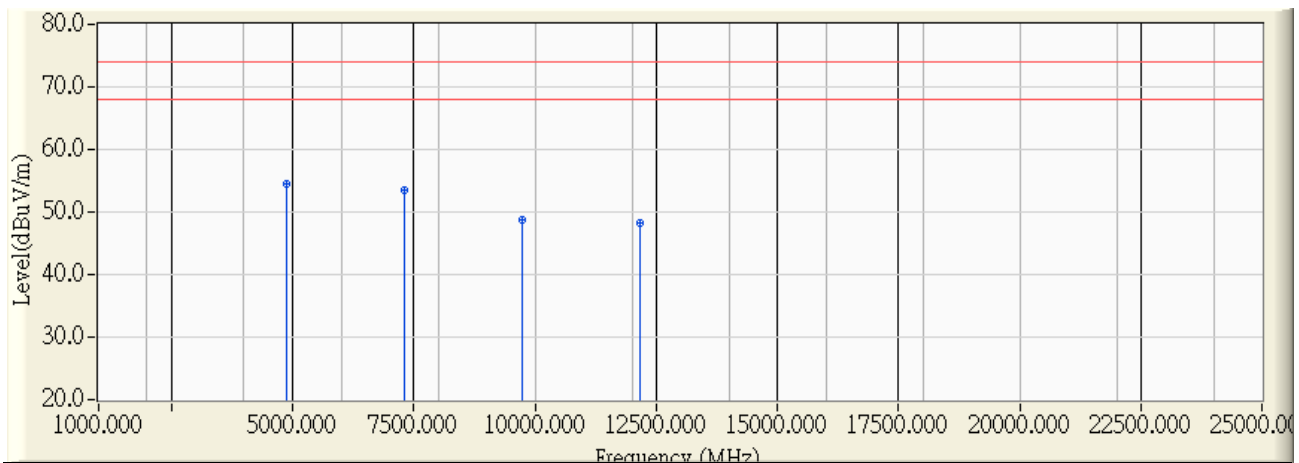


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4875.100	-0.492	46.109	45.617	-28.383	74.000	PEAK
2	*	7306.800	5.599	43.335	48.933	-25.067	74.000	PEAK
3		9751.990	9.899	38.543	48.442	-25.558	74.000	PEAK
4		12188.110	11.057	37.069	48.126	-25.874	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 : 2013/11/21 - 15:55
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11g_2437MHz

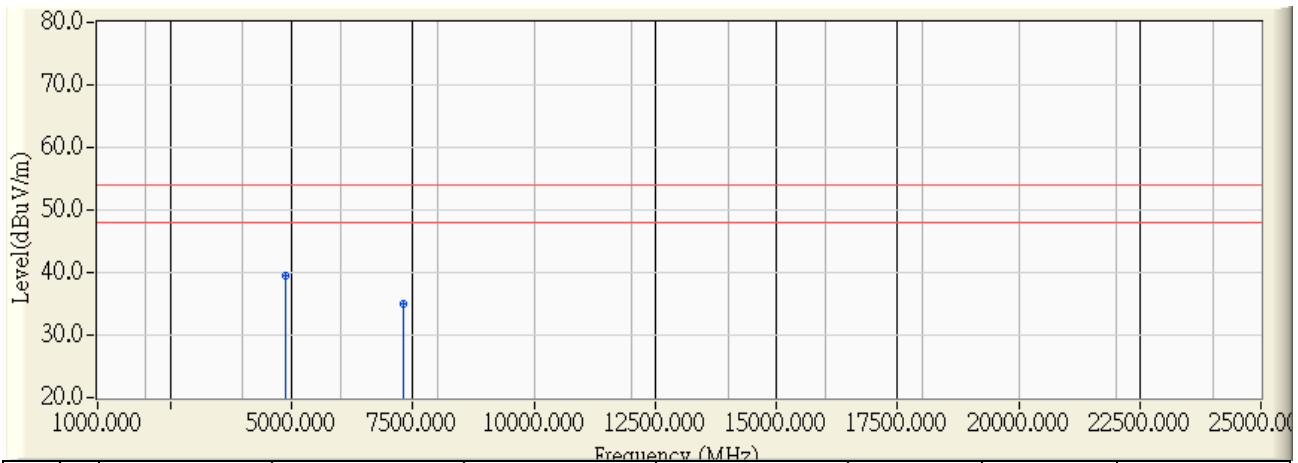


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4875.400	-0.491	54.958	54.467	-19.533	74.000	PEAK
2		7308.800	5.603	47.871	53.474	-20.526	74.000	PEAK
3		9749.490	9.883	38.792	48.675	-25.325	74.000	PEAK
4		12183.210	11.060	37.246	48.305	-25.695	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 : 2013/11/21 - 15:56
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11g_2437MHz

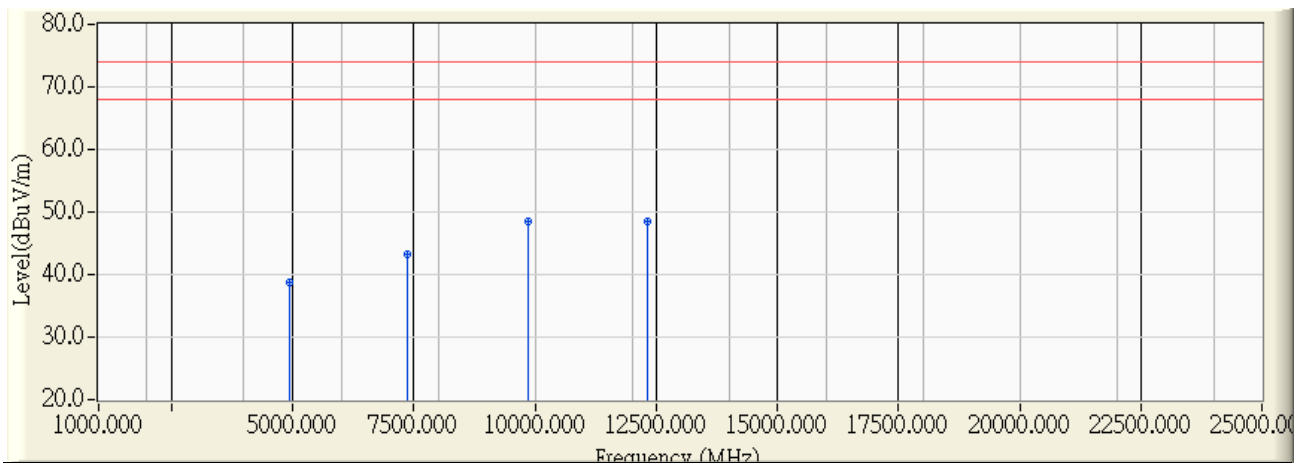


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.500	-0.493	39.938	39.445	-14.555	54.000	AVERAGE
2		7311.600	5.609	29.413	35.022	-18.978	54.000	AVERAGE

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 : 2013/11/21 - 16:02
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11g_2462MHz

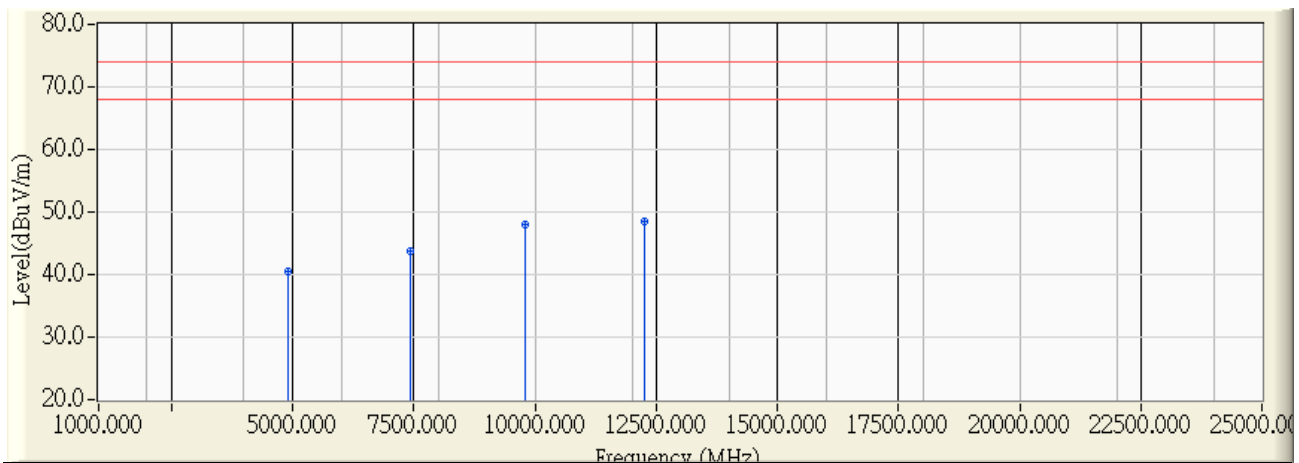


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4931.600	-0.354	39.145	38.791	-35.209	74.000	PEAK
2		7360.400	5.715	37.651	43.365	-30.635	74.000	PEAK
3	*	9875.700	10.700	37.794	48.494	-25.506	74.000	PEAK
4		12310.000	11.001	37.454	48.455	-25.545	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 : 2013/11/21 - 16:08
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11g_2462MHz

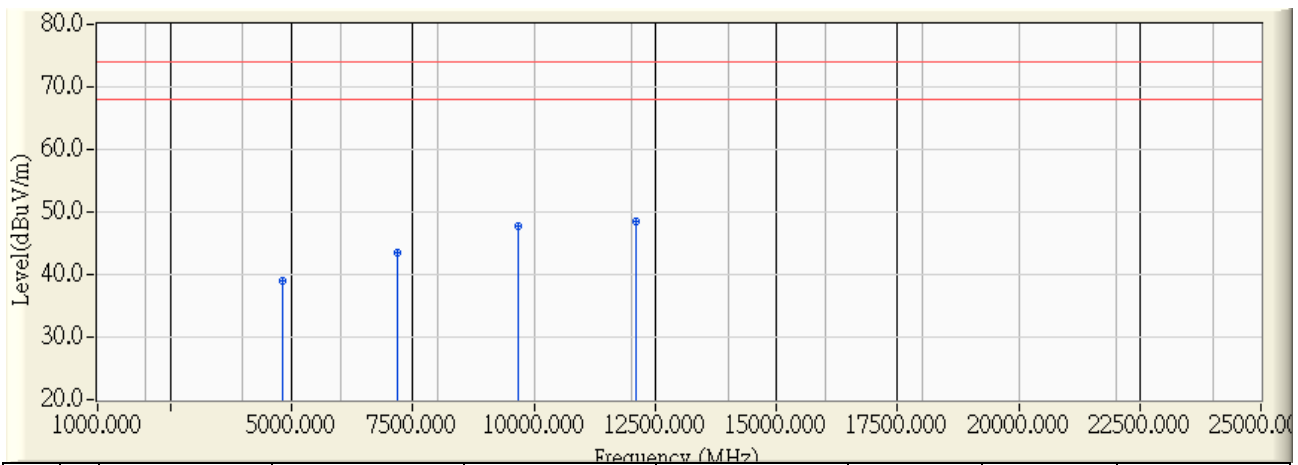


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4919.800	-0.383	40.775	40.392	-33.608	74.000	PEAK
2		7425.800	5.856	37.851	43.707	-30.293	74.000	PEAK
3		9800.600	10.214	37.698	47.912	-26.088	74.000	PEAK
4	*	12264.300	11.022	37.354	48.376	-25.624	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 : 2013/11/21 - 16:20
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11n 20MHz_2412MHz

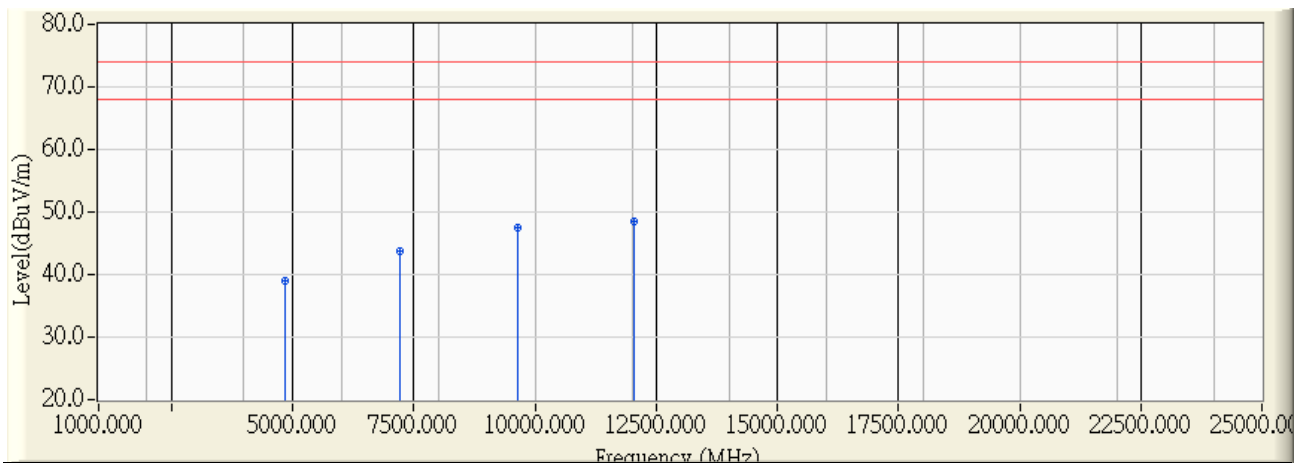


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4814.900	-0.638	39.572	38.933	-35.067	74.000	PEAK
2		7188.200	5.341	38.236	43.578	-30.422	74.000	PEAK
3		9678.200	9.421	38.428	47.849	-26.151	74.000	PEAK
4	*	12092.600	11.100	37.342	48.443	-25.557	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 : 2013/11/21 - 16:24
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit _802.11n 20MHz_2412MHz

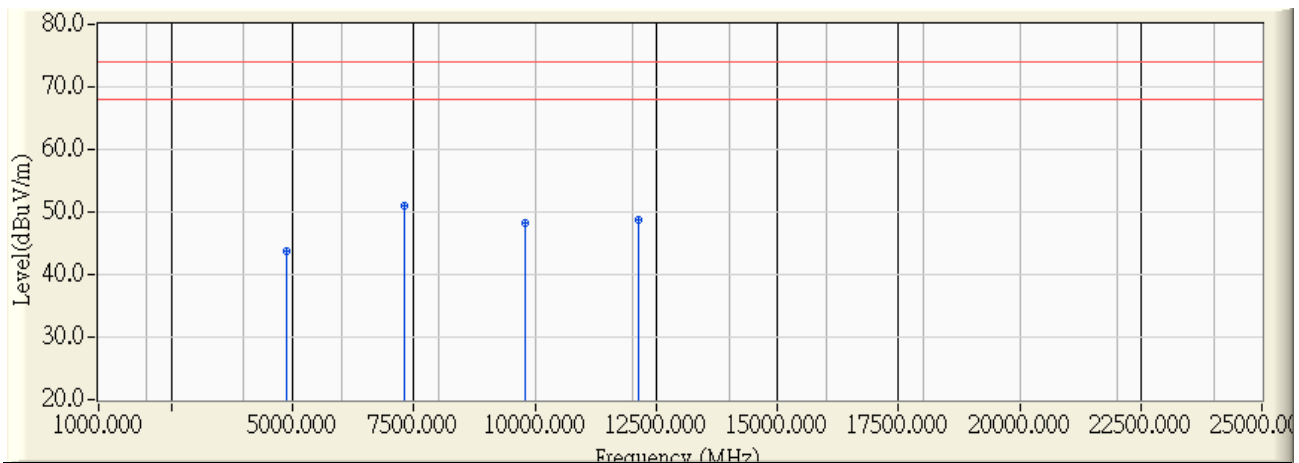


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4832.400	-0.597	39.700	39.104	-34.896	74.000	PEAK
2		7226.500	5.425	38.267	43.692	-30.308	74.000	PEAK
3		9649.400	9.235	38.240	47.475	-26.525	74.000	PEAK
4	*	12032.600	11.127	37.345	48.473	-25.527	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 : 2013/11/21 - 16:35
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit _802.11n 20MHz_2437MHz

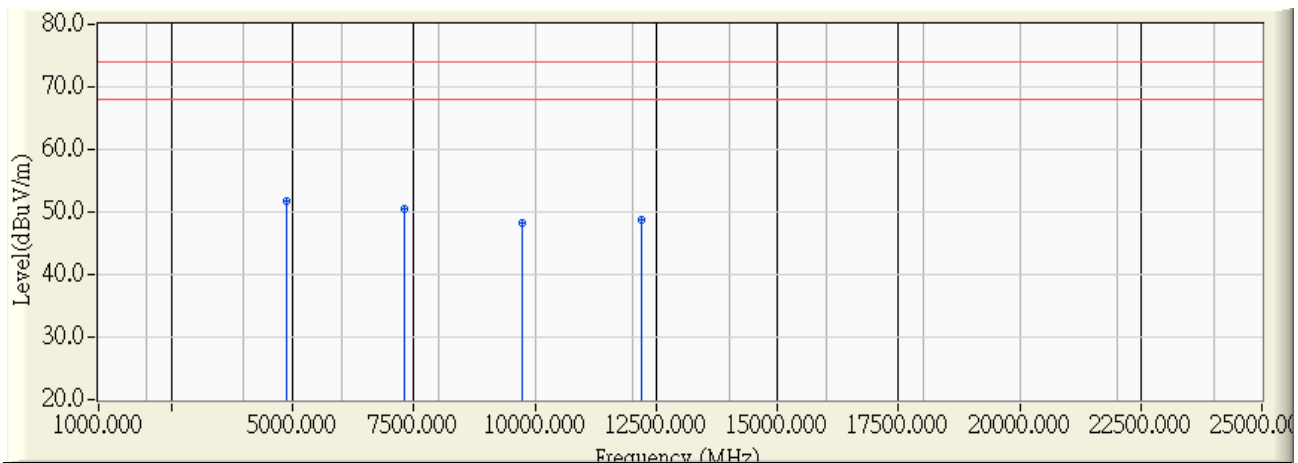


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4881.800	-0.476	44.326	43.850	-30.150	74.000	PEAK
2	*	7305.800	5.597	45.473	51.069	-22.931	74.000	PEAK
3		9788.200	10.133	38.024	48.158	-25.842	74.000	PEAK
4		12136.700	11.080	37.610	48.690	-25.310	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 : 2013/11/21 - 16:40
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit _802.11n 20MHz_2437MHz

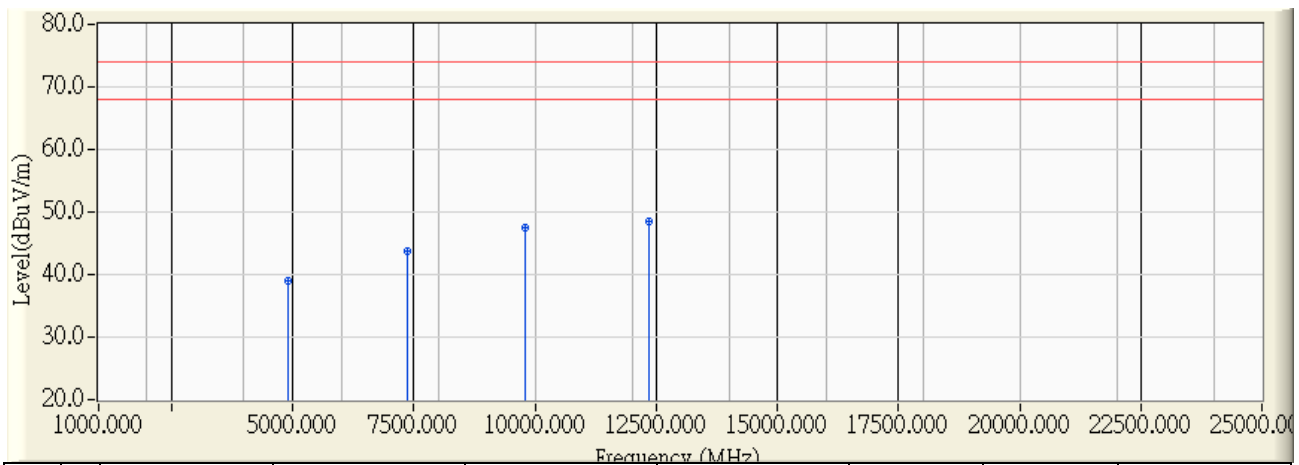


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4881.600	-0.476	52.296	51.820	-22.180	74.000	PEAK
2		7305.600	5.596	44.861	50.457	-23.543	74.000	PEAK
3		9750.400	9.888	38.480	48.369	-25.631	74.000	PEAK
4		12185.900	11.058	37.654	48.712	-25.288	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 : 2013/11/21 - 16:44
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit802.11n 20MHz_2462MHz

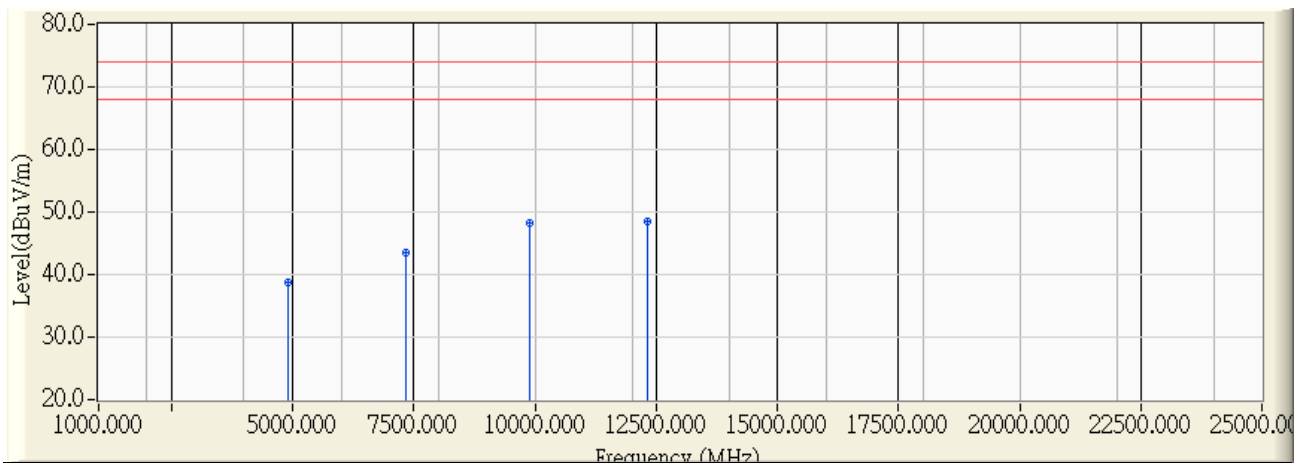


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4899.400	-0.432	39.504	39.071	-34.929	74.000	PEAK
2		7375.000	5.746	38.092	43.838	-30.162	74.000	PEAK
3		9803.000	10.229	37.376	47.605	-26.395	74.000	PEAK
4	*	12353.200	10.983	37.479	48.461	-25.539	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 : 2013/11/21 - 16:47
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit802.11n 20MHz_2462MHz

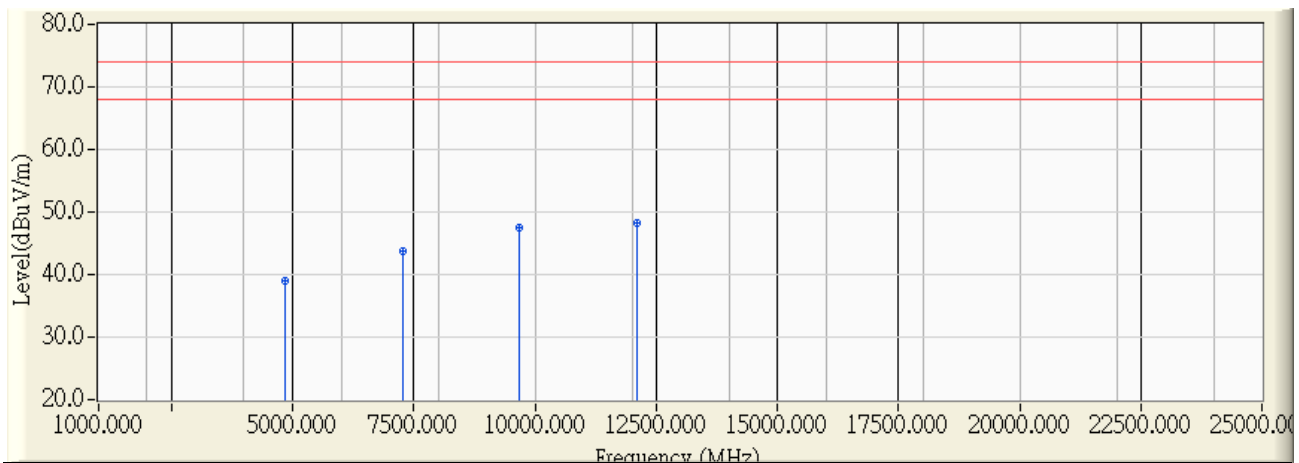


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4909.100	-0.409	39.180	38.771	-35.229	74.000	PEAK
2		7338.600	5.667	37.916	43.583	-30.417	74.000	PEAK
3		9885.800	10.765	37.461	48.226	-25.774	74.000	PEAK
4	*	12308.900	11.002	37.465	48.467	-25.533	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 : 2013/11/21 - 16:51
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit_802.11n 40MHz _2422MHz

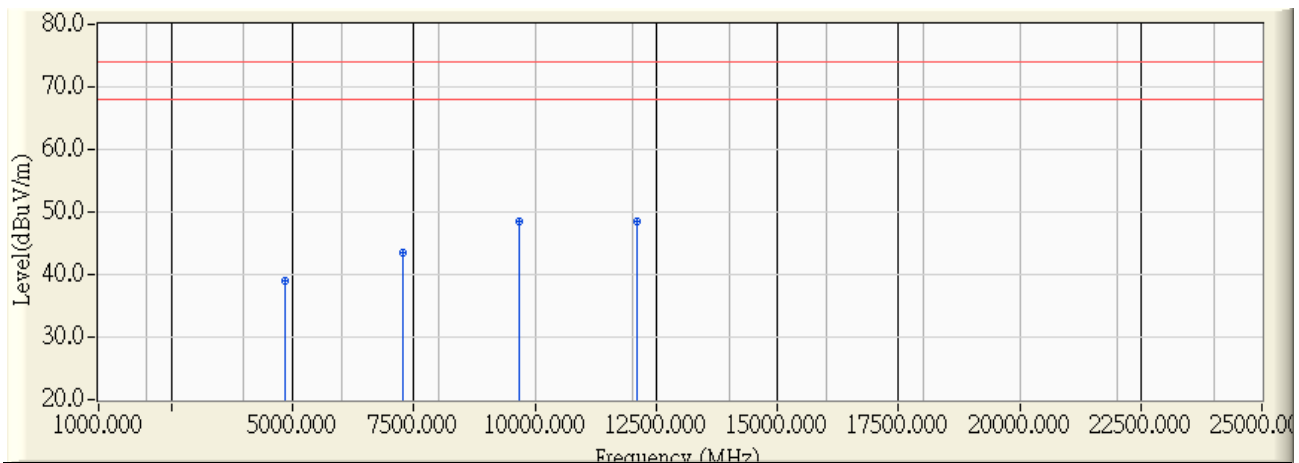


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4847.040	-0.560	39.455	38.895	-35.105	74.000	PEAK
2		7266.560	5.512	38.343	43.854	-30.146	74.000	PEAK
3		9680.120	9.434	37.959	47.393	-26.607	74.000	PEAK
4	*	12117.240	11.090	37.112	48.201	-25.799	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 : 2013/11/21 - 16:54
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit _802.11n 40MHz _2422MHz

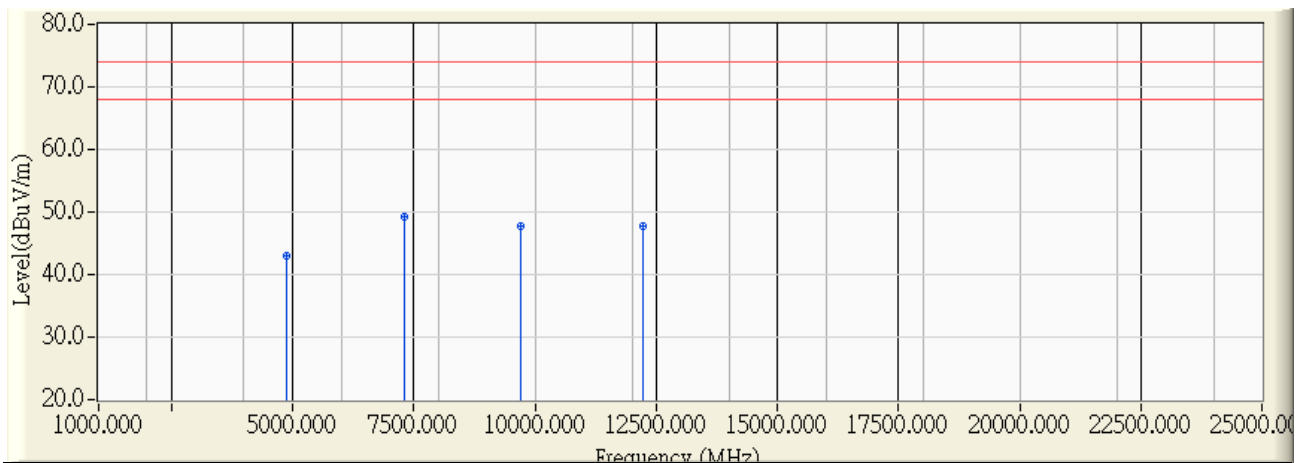


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4852.920	-0.546	39.501	38.955	-35.045	74.000	PEAK
2		7272.580	5.524	37.985	43.509	-30.491	74.000	PEAK
3	*	9690.680	9.502	38.942	48.444	-25.556	74.000	PEAK
4		12103.880	11.096	37.281	48.376	-25.624	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 : 2013/11/21 - 16:57
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit _802.11n 40MHz _2437MHz

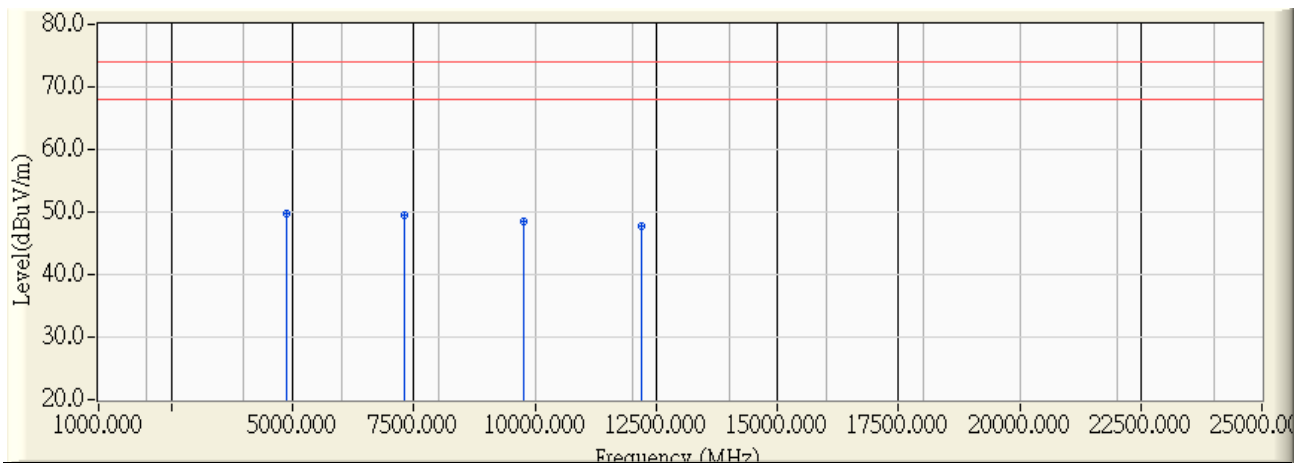


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4870.600	-0.503	43.565	43.062	-30.938	74.000	PEAK
2	*	7320.500	5.628	43.718	49.346	-24.654	74.000	PEAK
3		9701.100	9.570	38.100	47.670	-26.330	74.000	PEAK
4		12228.500	11.039	36.788	47.827	-26.173	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 : 2013/11/21 - 16:58
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit _802.11n 40MHz _2437MHz

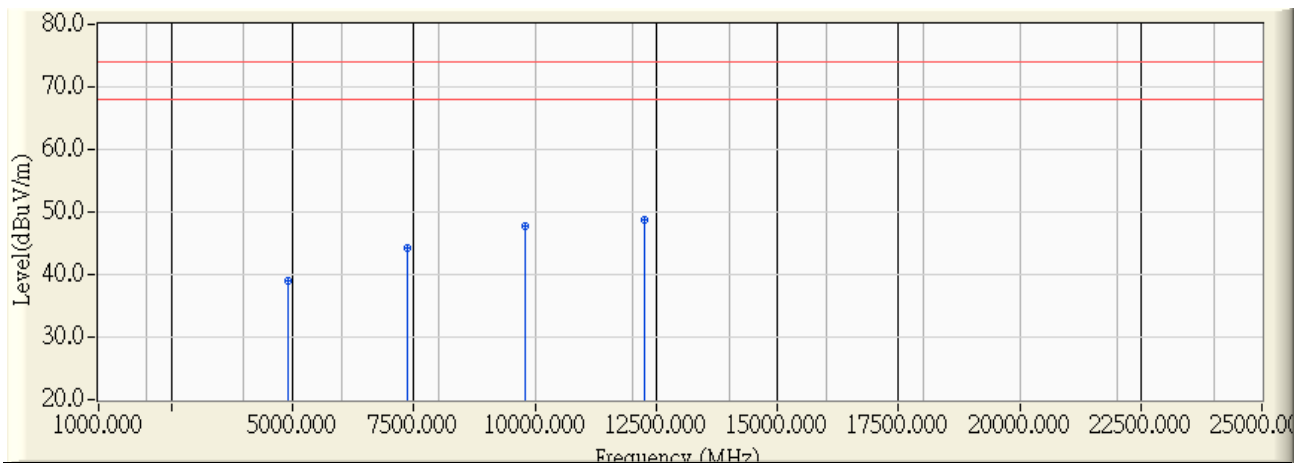


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4868.000	-0.509	50.294	49.785	-24.215	74.000	PEAK
2		7306.900	5.599	43.986	49.585	-24.415	74.000	PEAK
3		9762.000	9.964	38.499	48.463	-25.537	74.000	PEAK
4		12195.200	11.054	36.751	47.805	-26.195	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 : 2013/11/21 - 17:10
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit _802.11n 40MHz _2452MHz

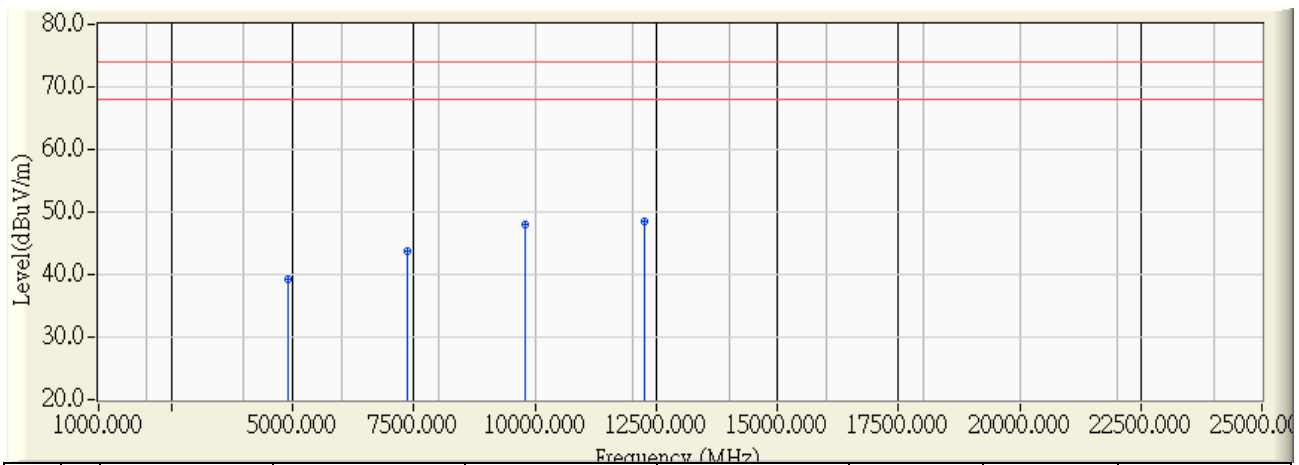


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4906.980	-0.414	39.463	39.049	-34.951	74.000	PEAK
2		7354.080	5.700	38.550	44.251	-29.749	74.000	PEAK
3		9806.380	10.251	37.537	47.788	-26.212	74.000	PEAK
4	*	12266.680	11.021	37.825	48.846	-25.154	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 : 2013/11/21 - 17:12
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : RT-N14UHP High Power Router/API/Range Extender	Note : Mode 2: Transmit _802.11n 40MHz _2452MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4901.100	-0.429	39.611	39.182	-34.818	74.000	PEAK
2		7363.580	5.721	37.922	43.643	-30.357	74.000	PEAK
3		9814.980	10.307	37.573	47.880	-26.120	74.000	PEAK
4	*	12251.160	11.028	37.392	48.420	-25.580	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:

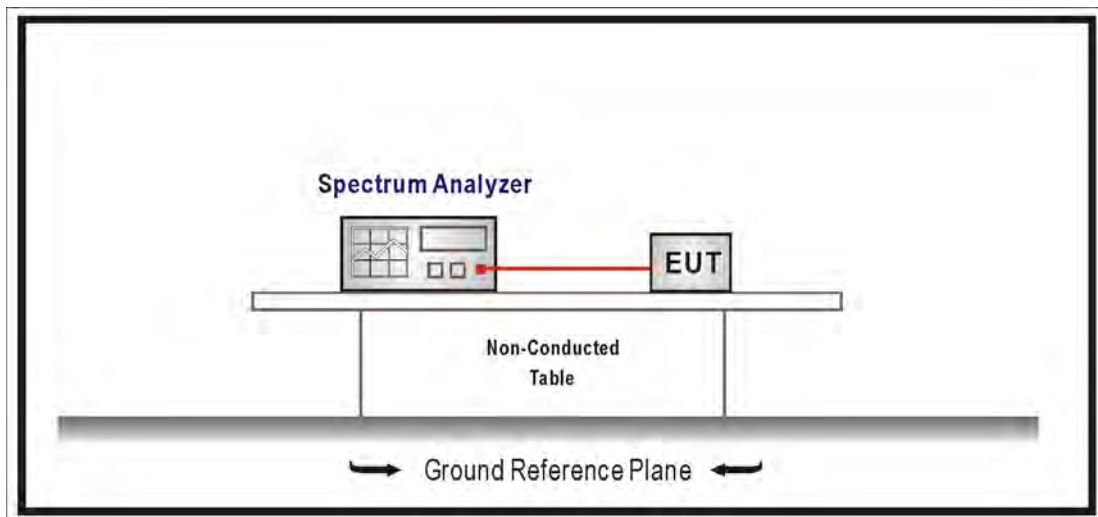
RF antenna conducted test / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2014/08/05

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

5.2. Test Setup

RF Antenna Conducted 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 C63.4: 2009 and tested according to DTS test procedure of KDB558074 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: 2012

5.6. Uncertainty

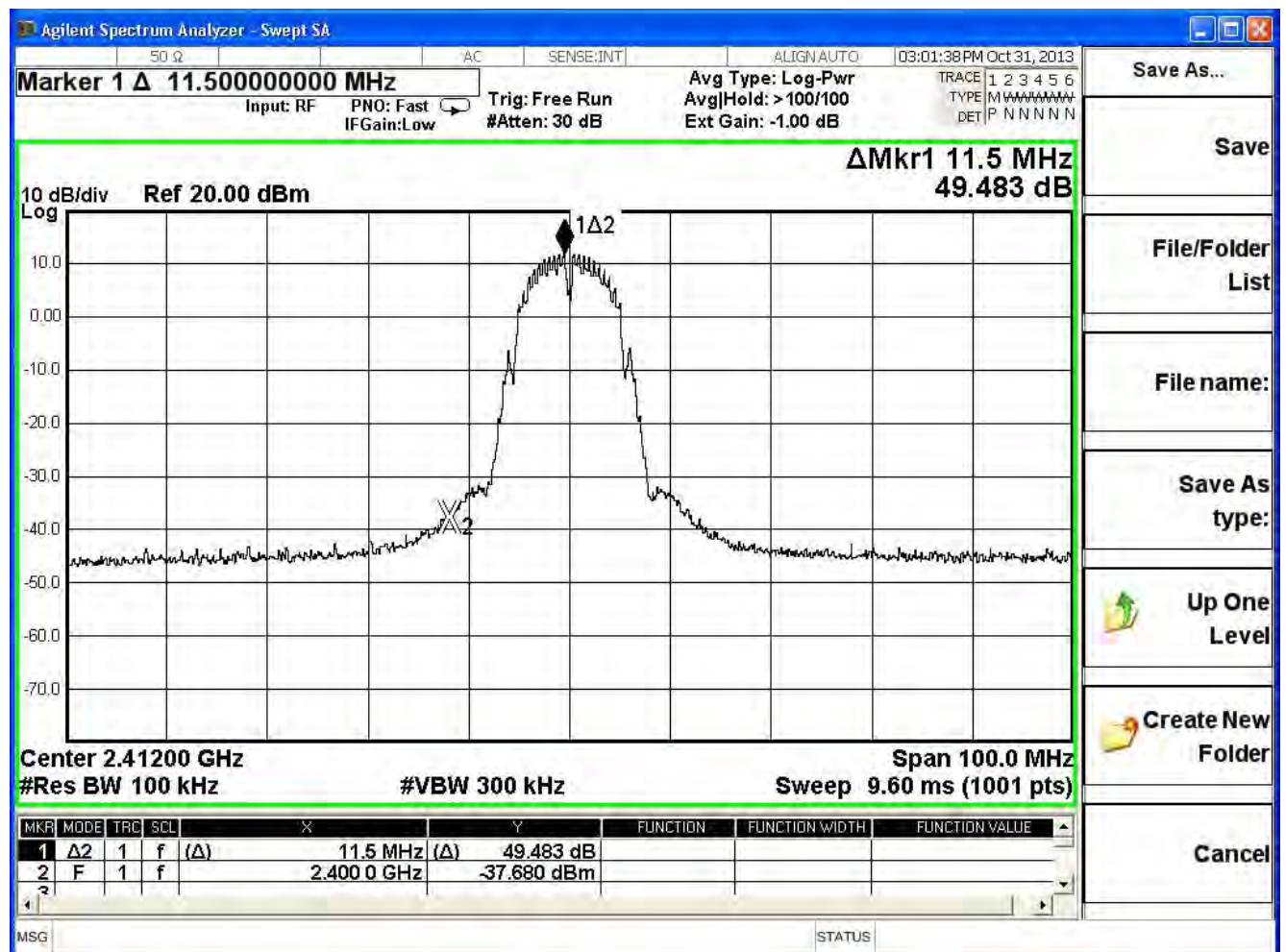
Conducted is defined as $\pm 1.27\text{dB}$

5.7. Test Result

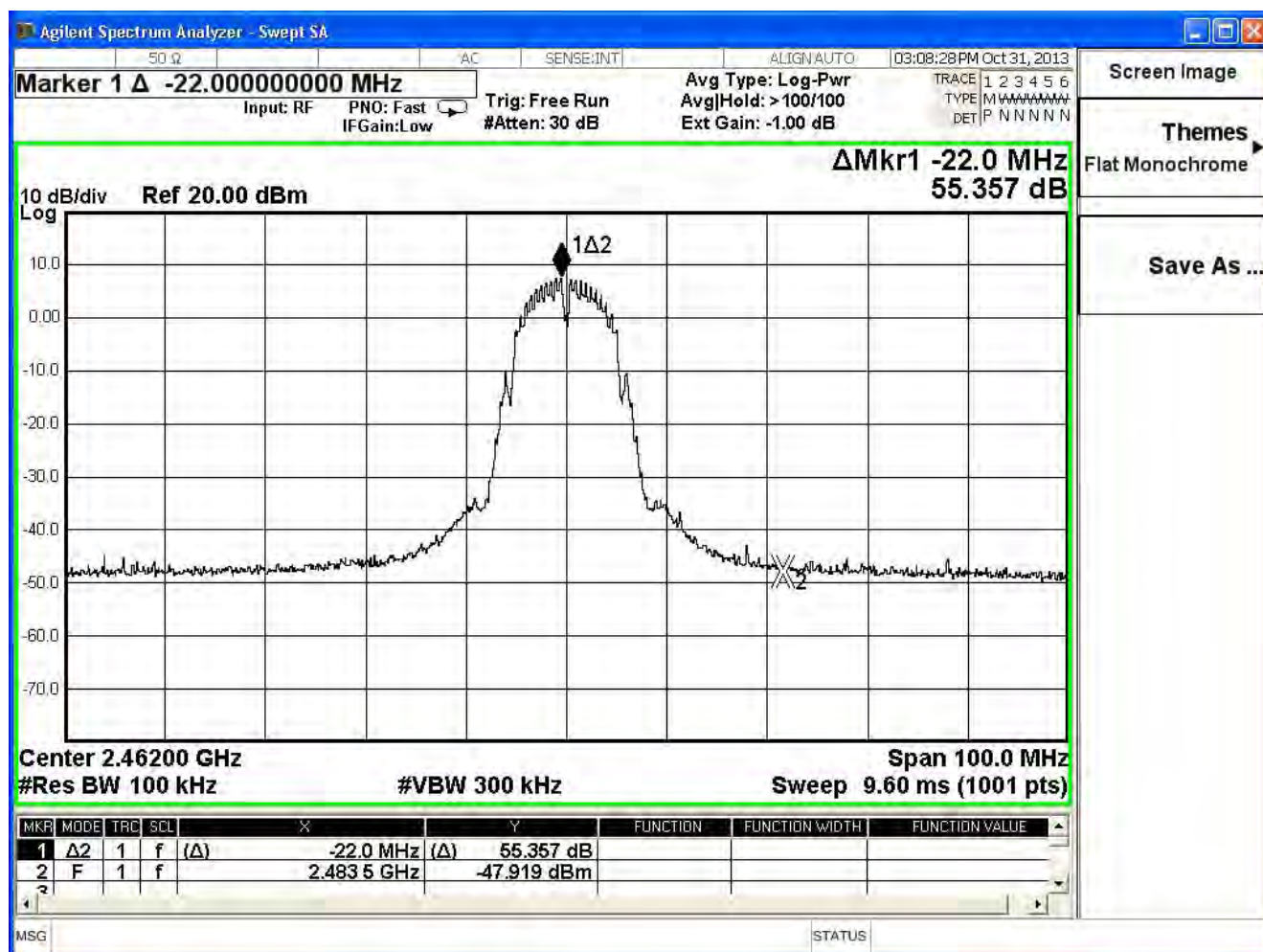
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

IEEE 802.11b, Duty Cycle: 1 (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	49.48	≥ 20	Pass
11	2462	55.36	≥ 20	Pass

Channel 01 (2412MHz)



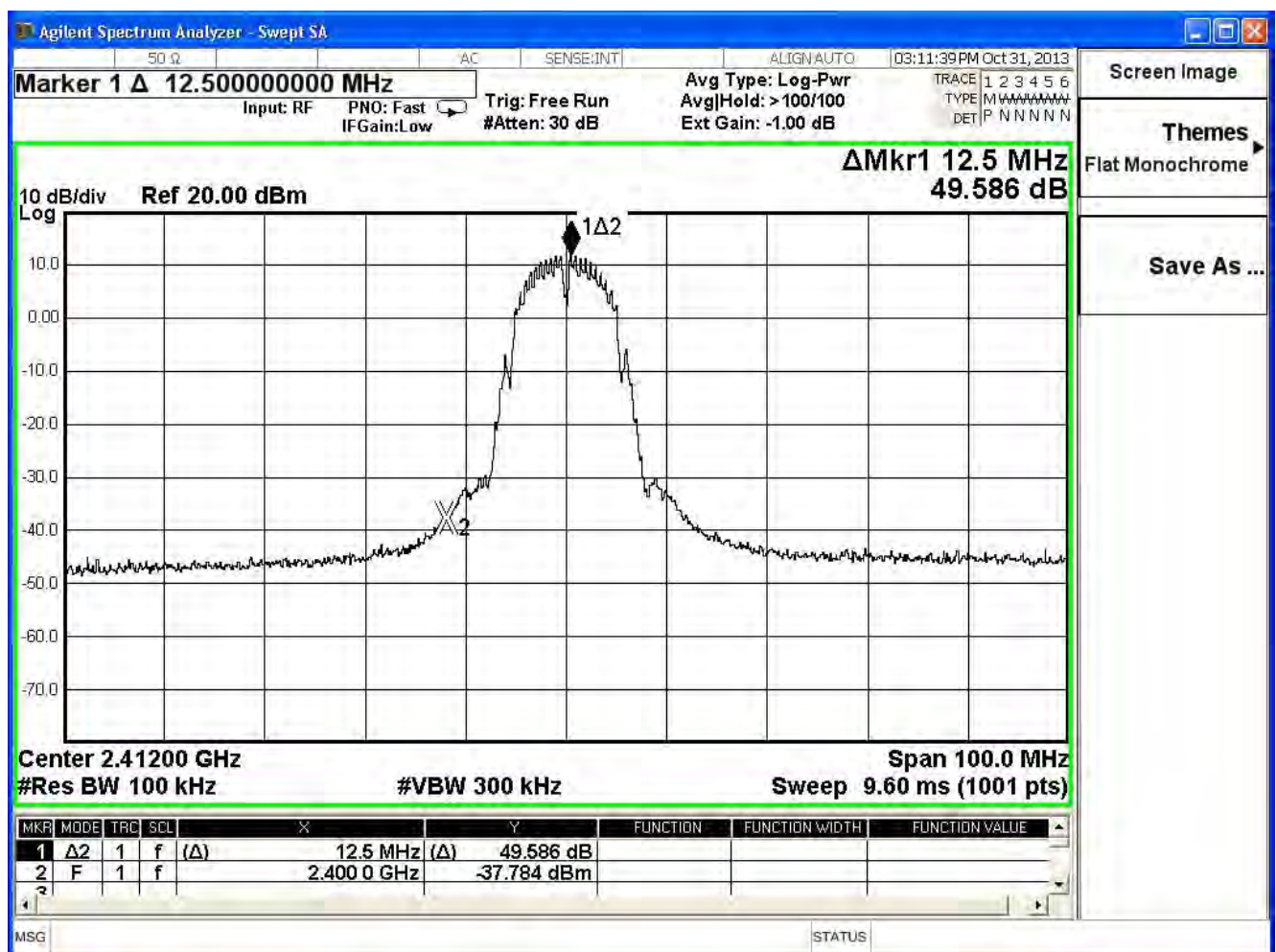
Channel 11 (2462MHz)



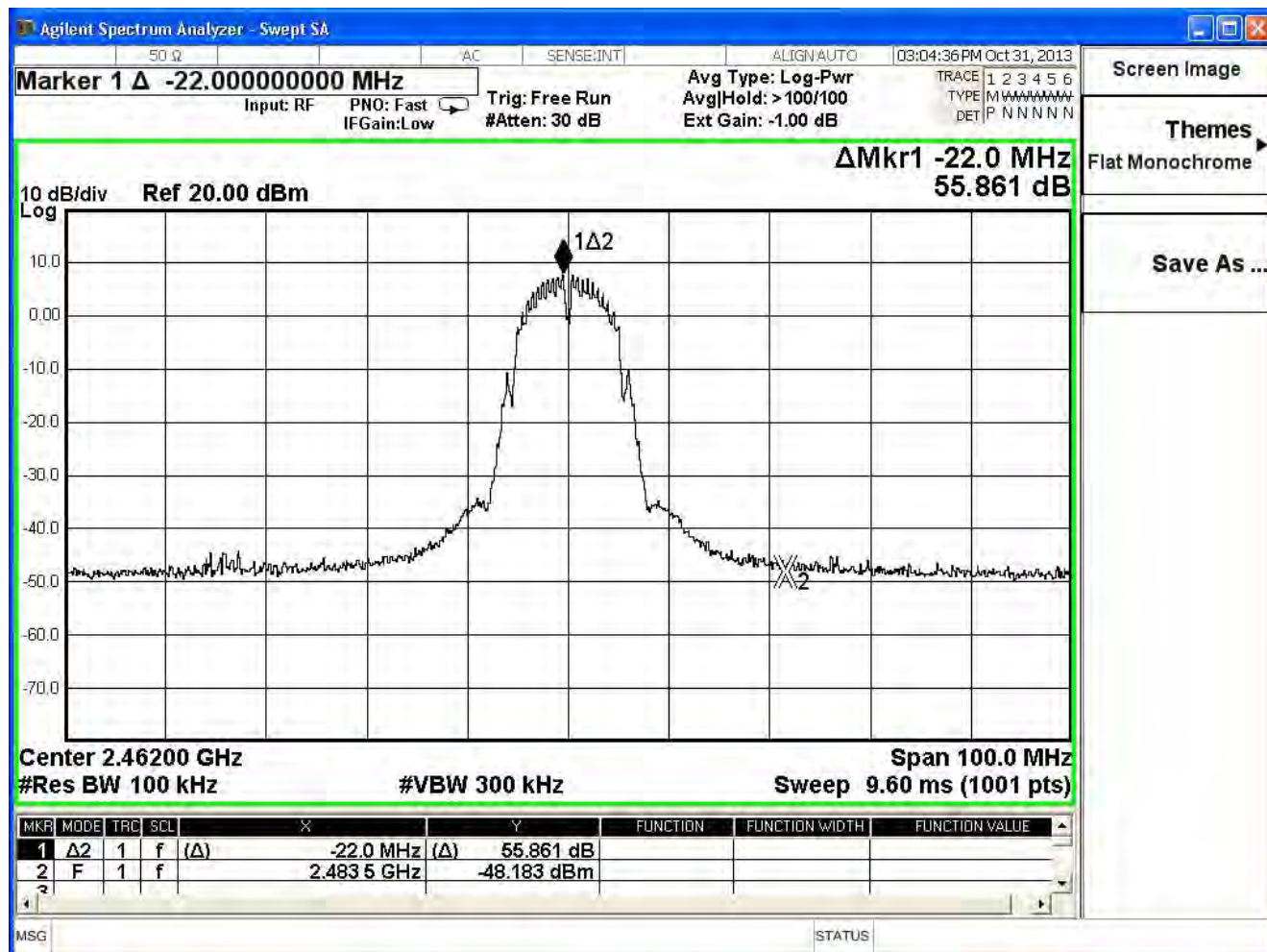
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

IEEE 802.11b, Duty Cycle: 1 (ANT1)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	49.59	≥ 20	Pass
11	2462	55.86	≥ 20	Pass

Channel 01 (2412MHz)



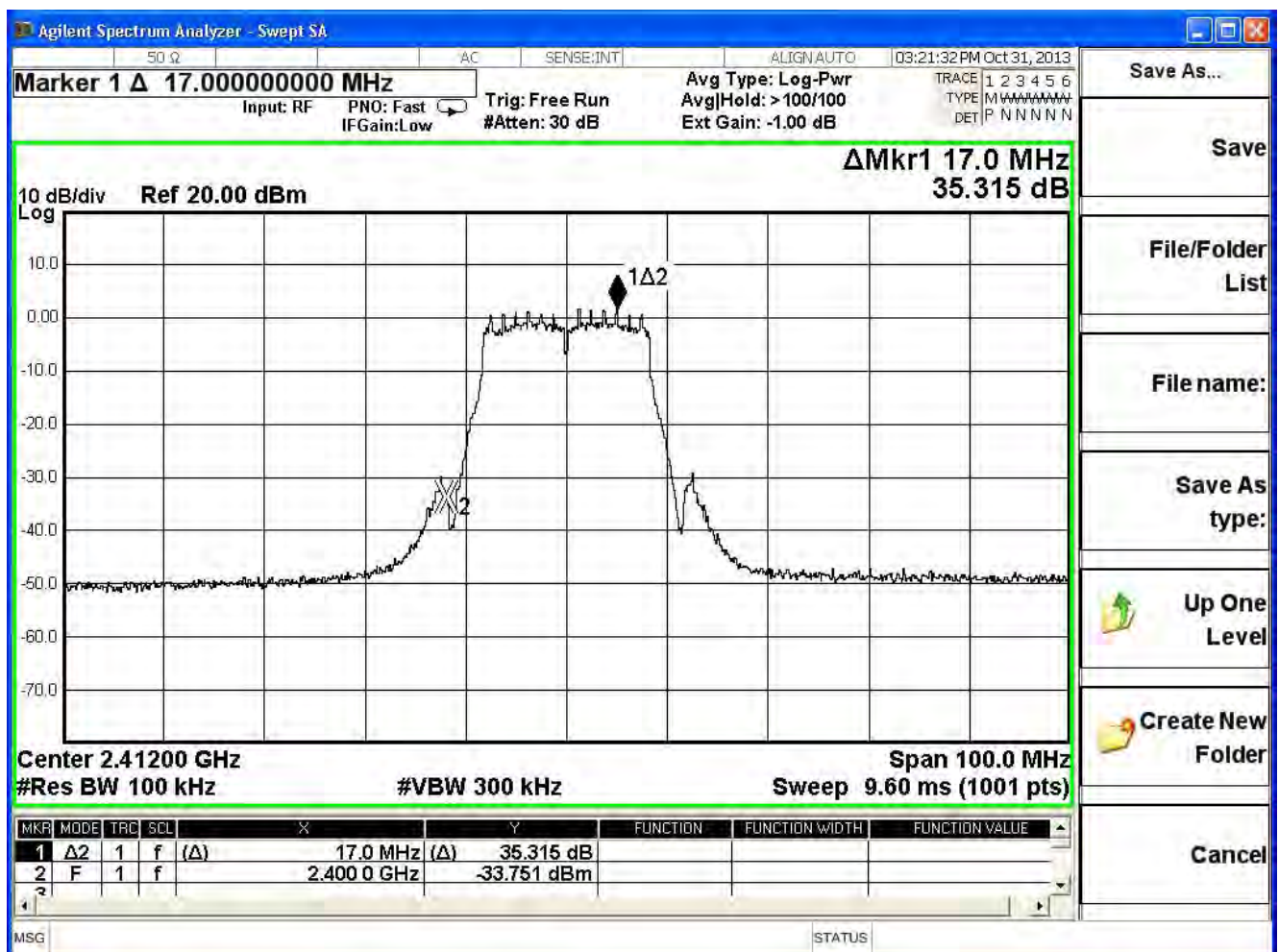
Channel 11 (2462MHz)



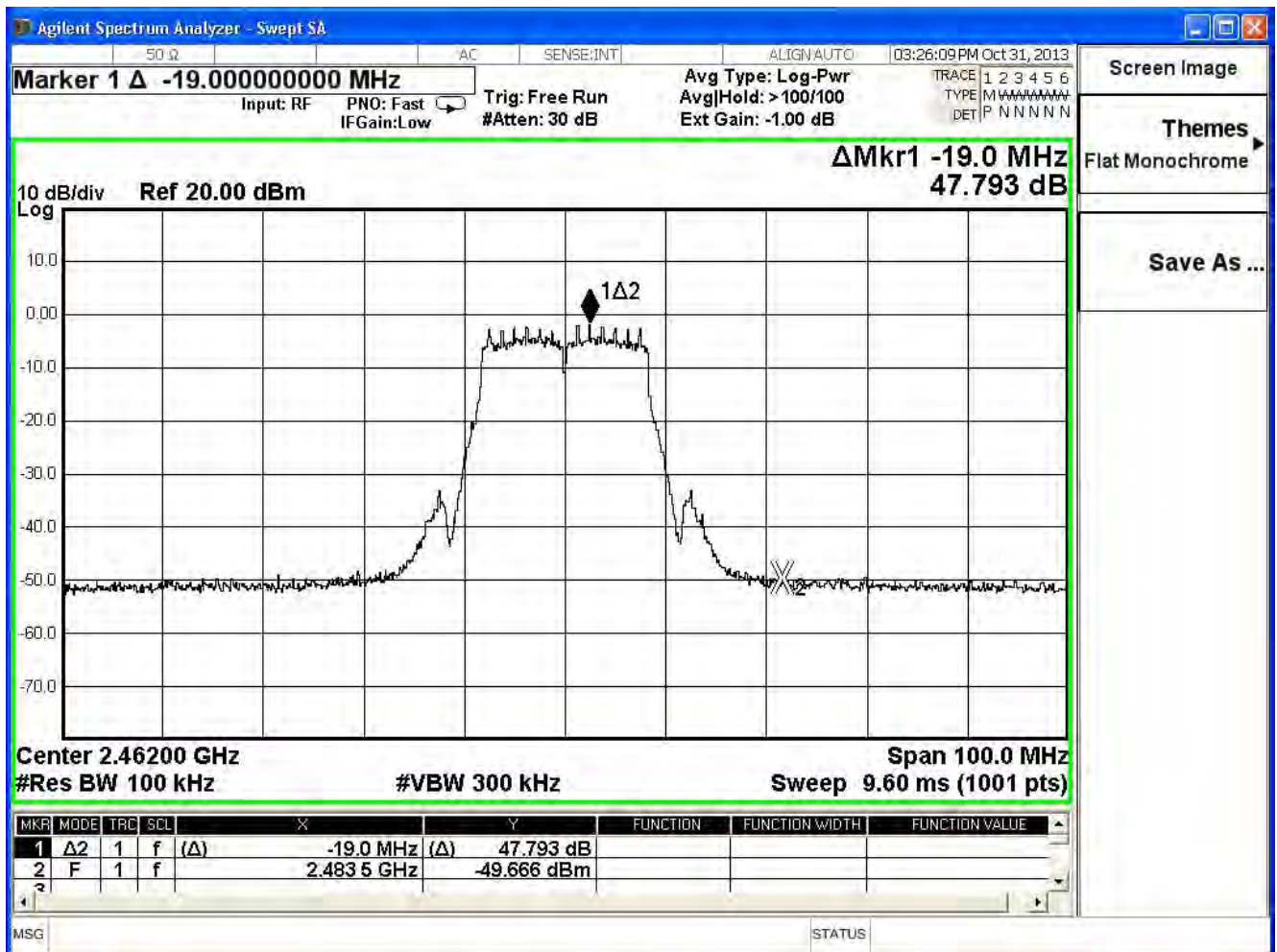
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

IEEE 802.11g, Duty Cycle: 1 (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	35.32	≥ 20	Pass
11	2462	47.79	≥ 20	Pass

Channel 01 (2412MHz)



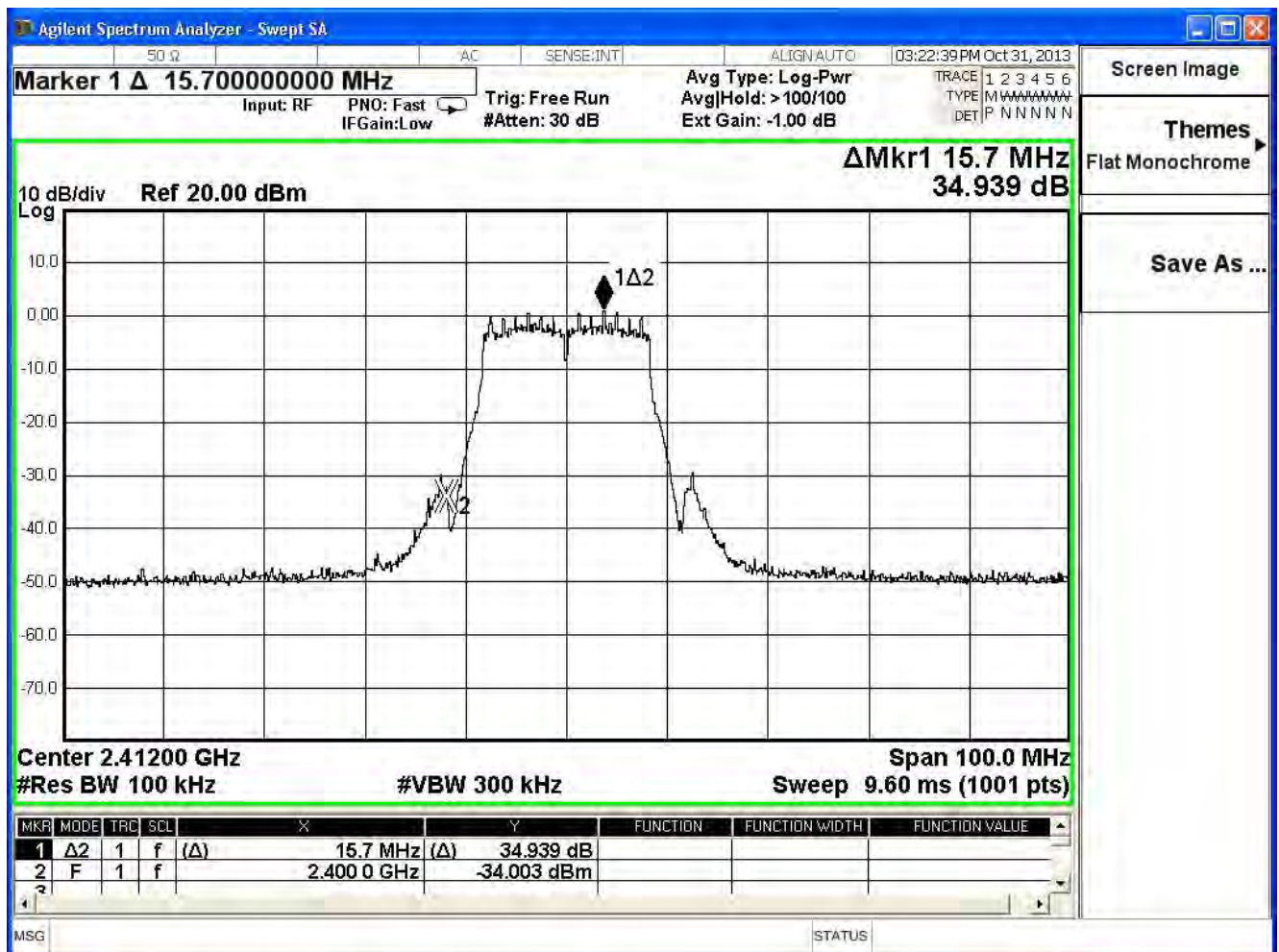
Channel 11 (2462MHz)



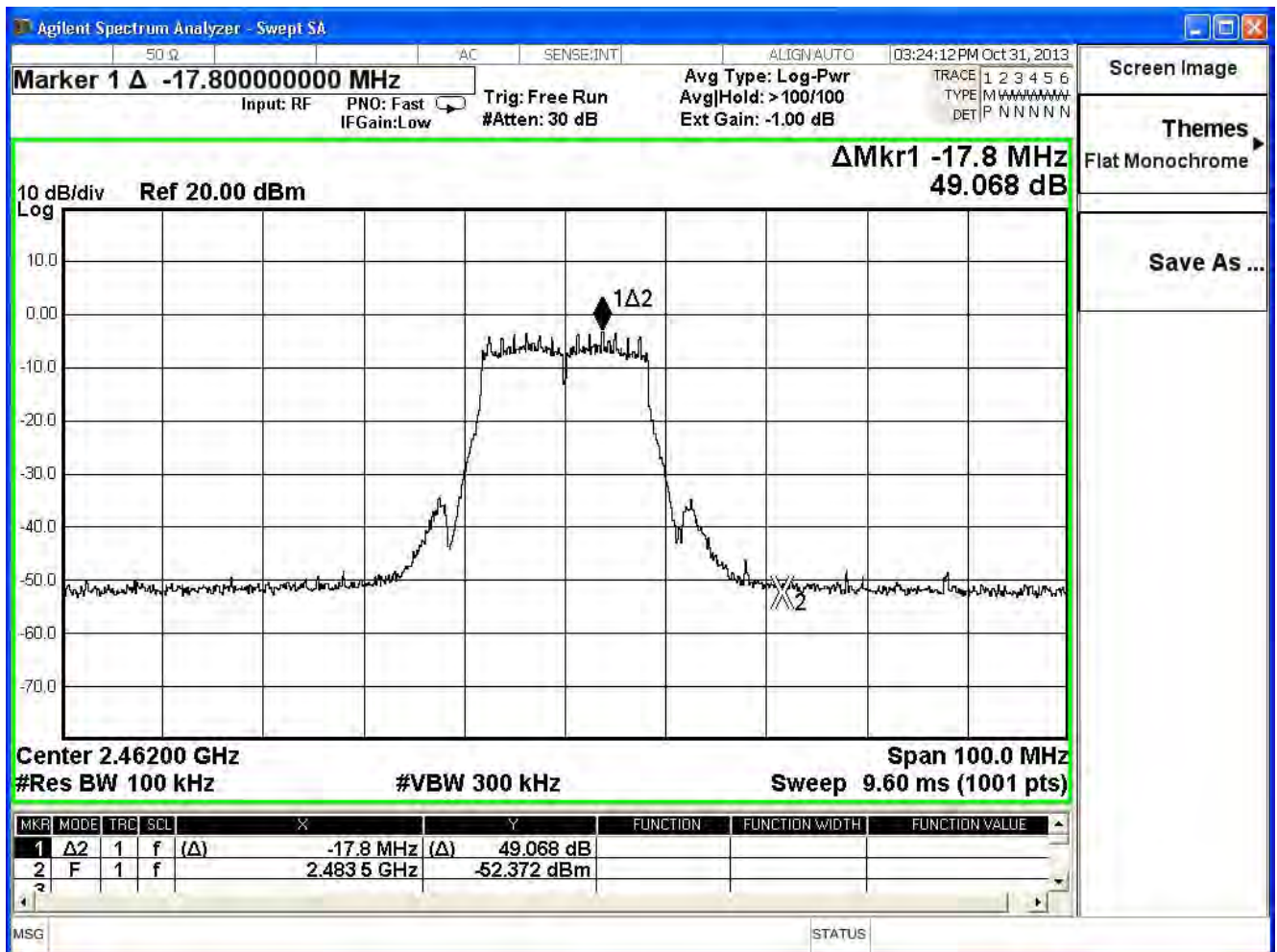
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

IEEE 802.11g, Duty Cycle: 1 (ANT1)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	34.94	≥ 20	Pass
11	2462	49.07	≥ 20	Pass

Channel 01 (2412MHz)



Channel 11 (2462MHz)

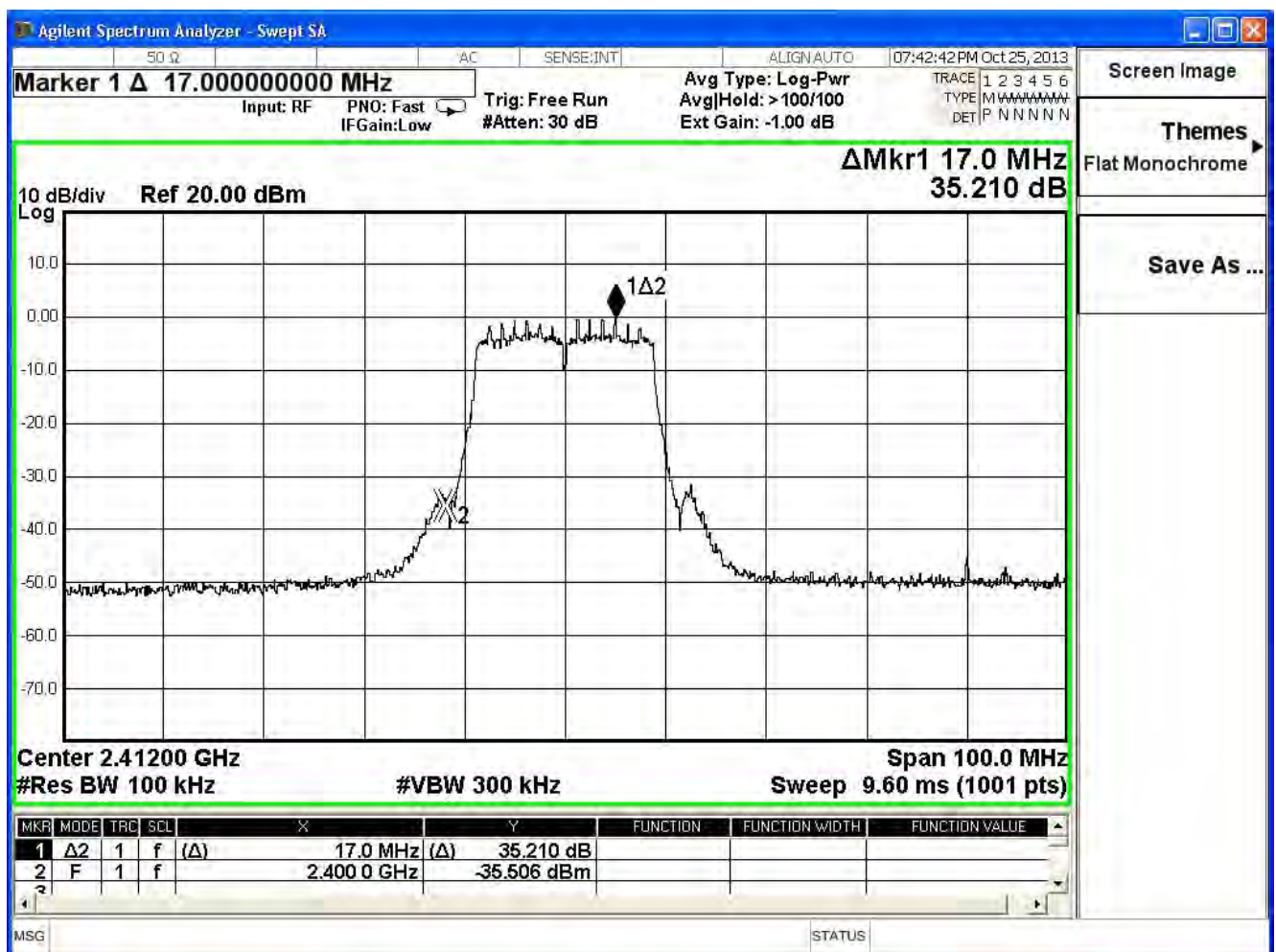


Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

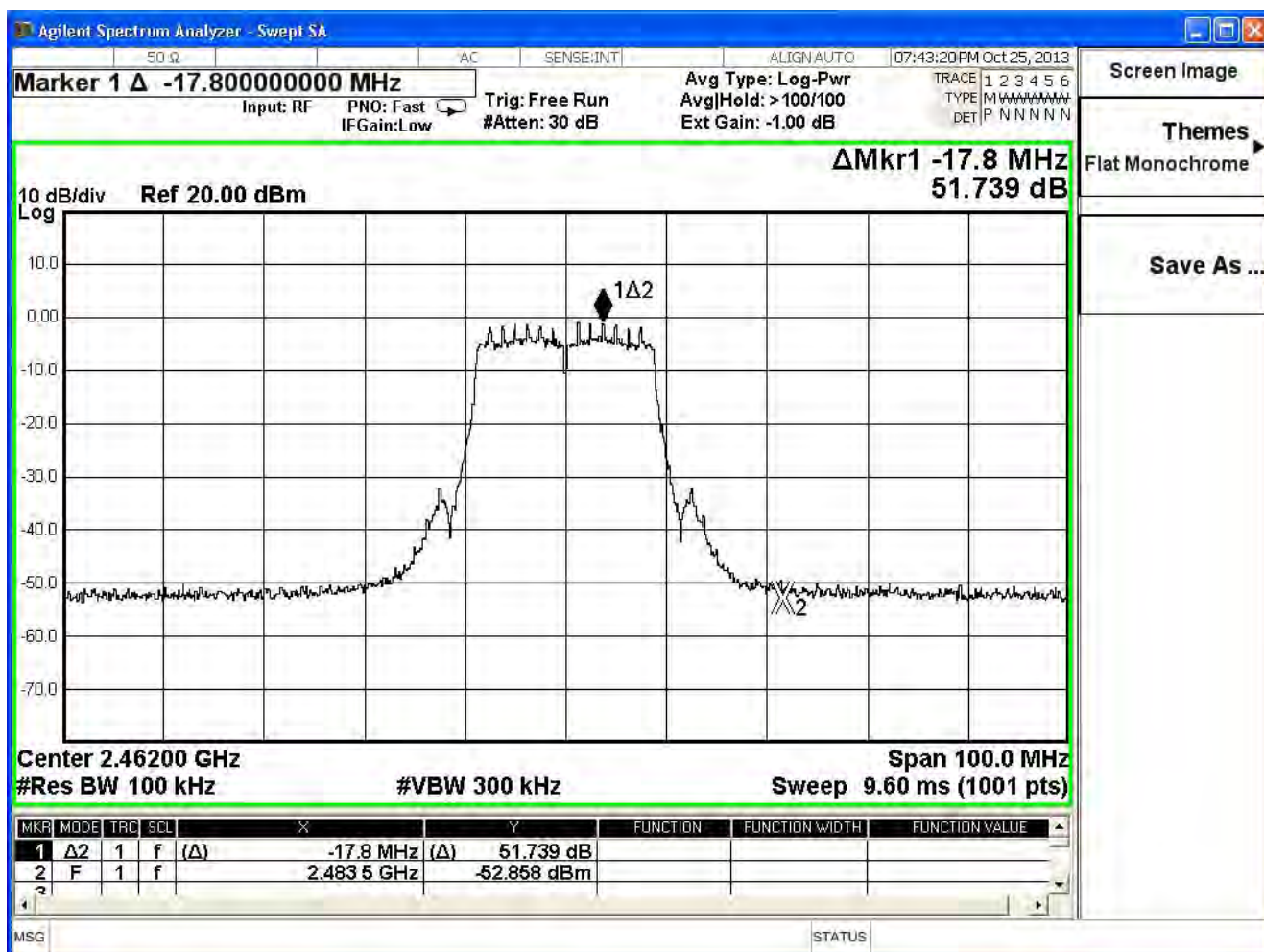
IEEE 802.11n (20MHz), (ANT 0) Duty Cycle: 1

Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	35.21	≥ 20	Pass
11	2462	51.73	≥ 20	Pass

Channel 1 (2412MHz)



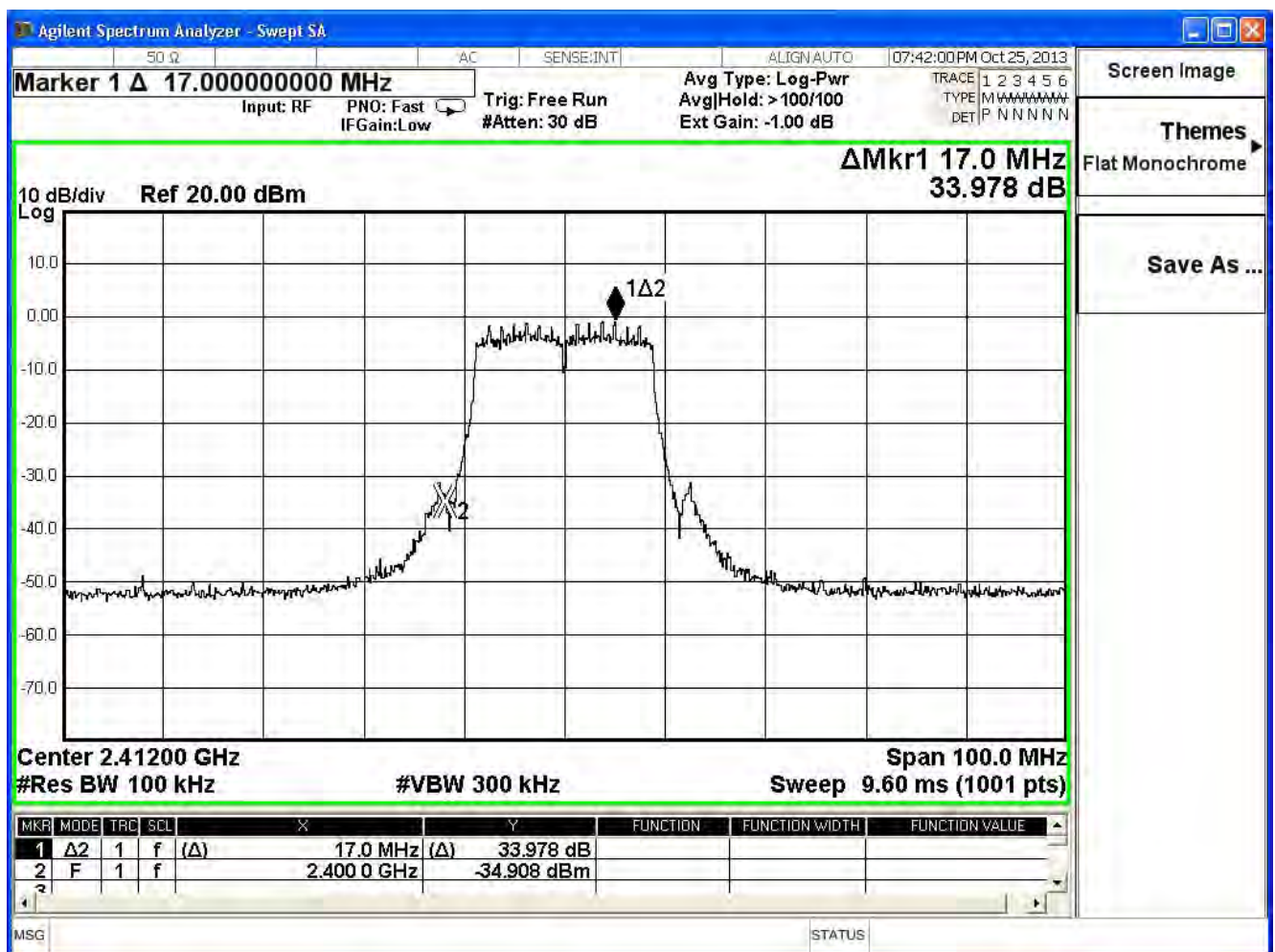
Channel 11 (2462MHz)



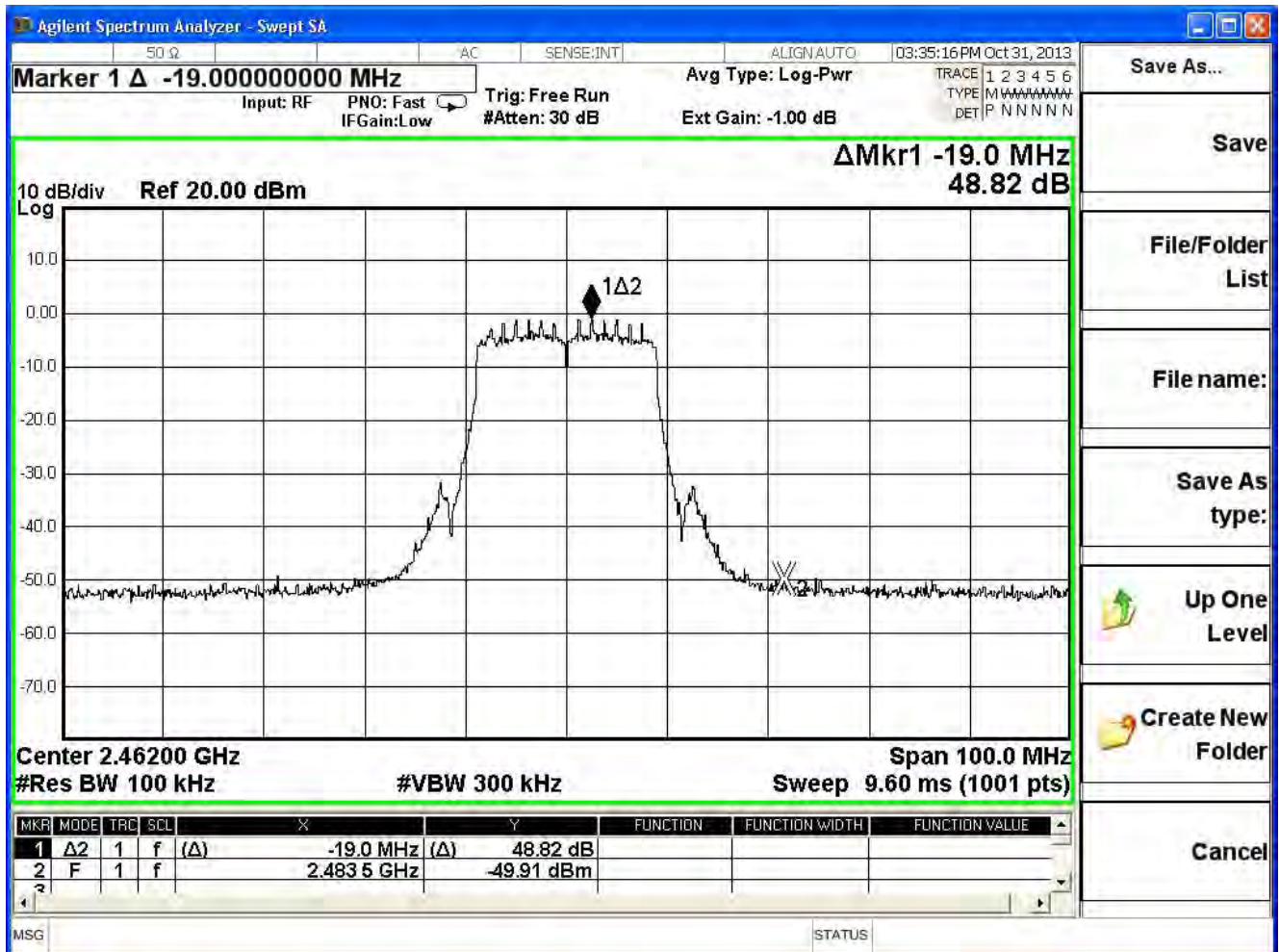
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 1) Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	33.97	≥ 20	Pass
11	2462	48.82	≥ 20	Pass

Channel 1 (2412MHz)



Channel 11 (2462MHz)

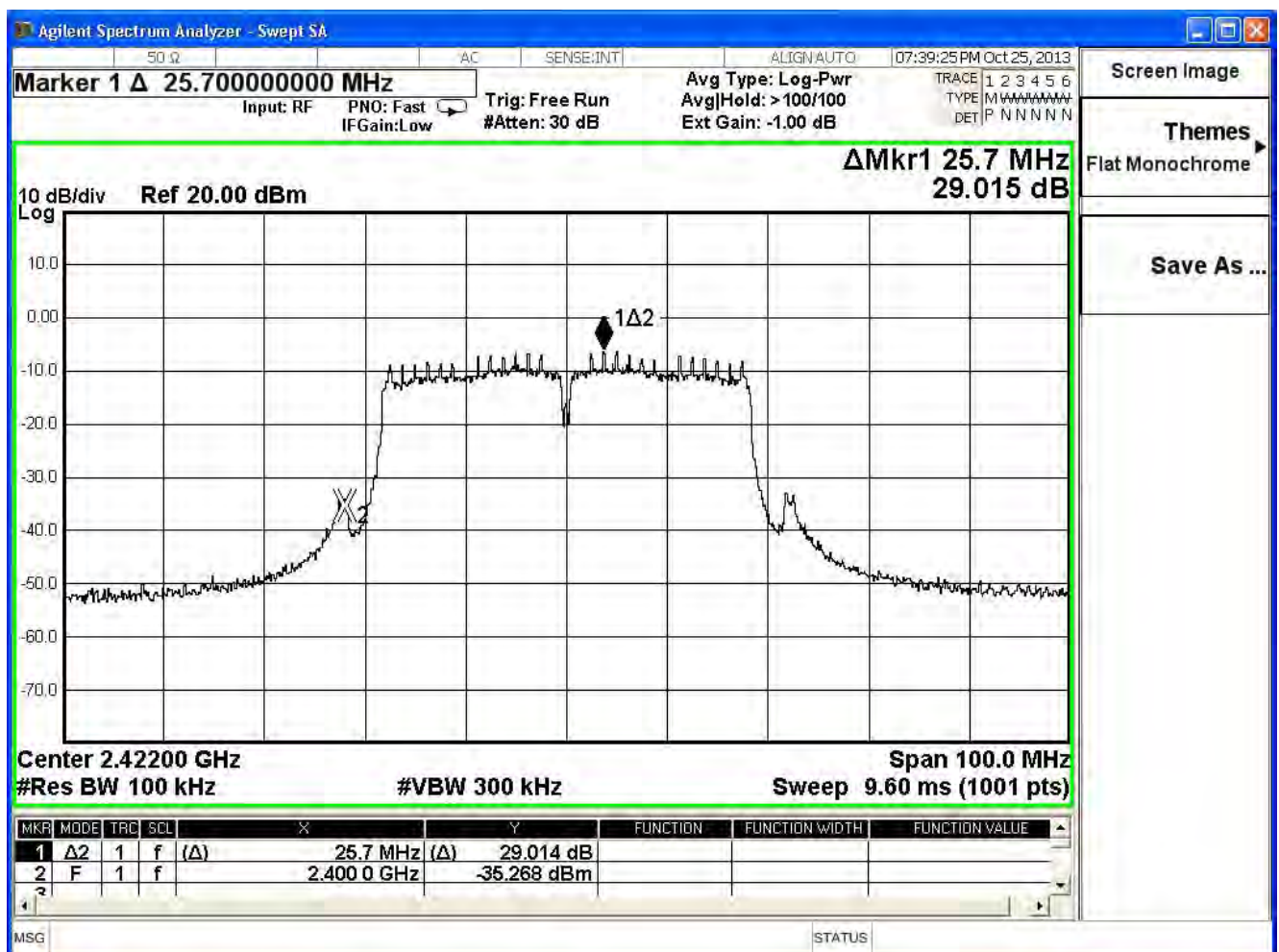


Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

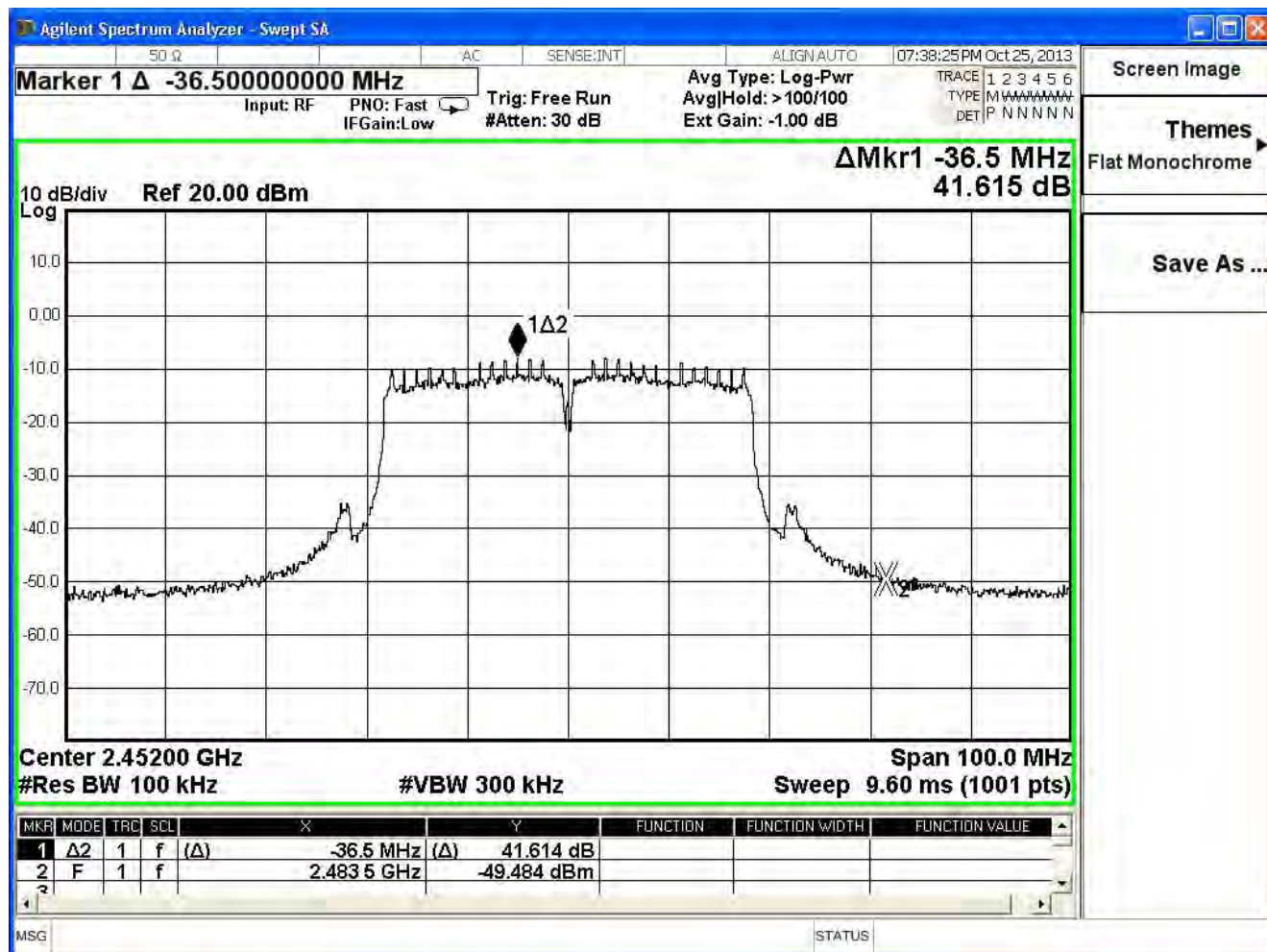
IEEE 802.11n (40MHz), (ANT 0) Duty Cycle: 1

Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	29.01	≥ 20	Pass
9	2452	41.62	≥ 20	Pass

Channel 3 (2422MHz)



Channel 9 (2452MHz)

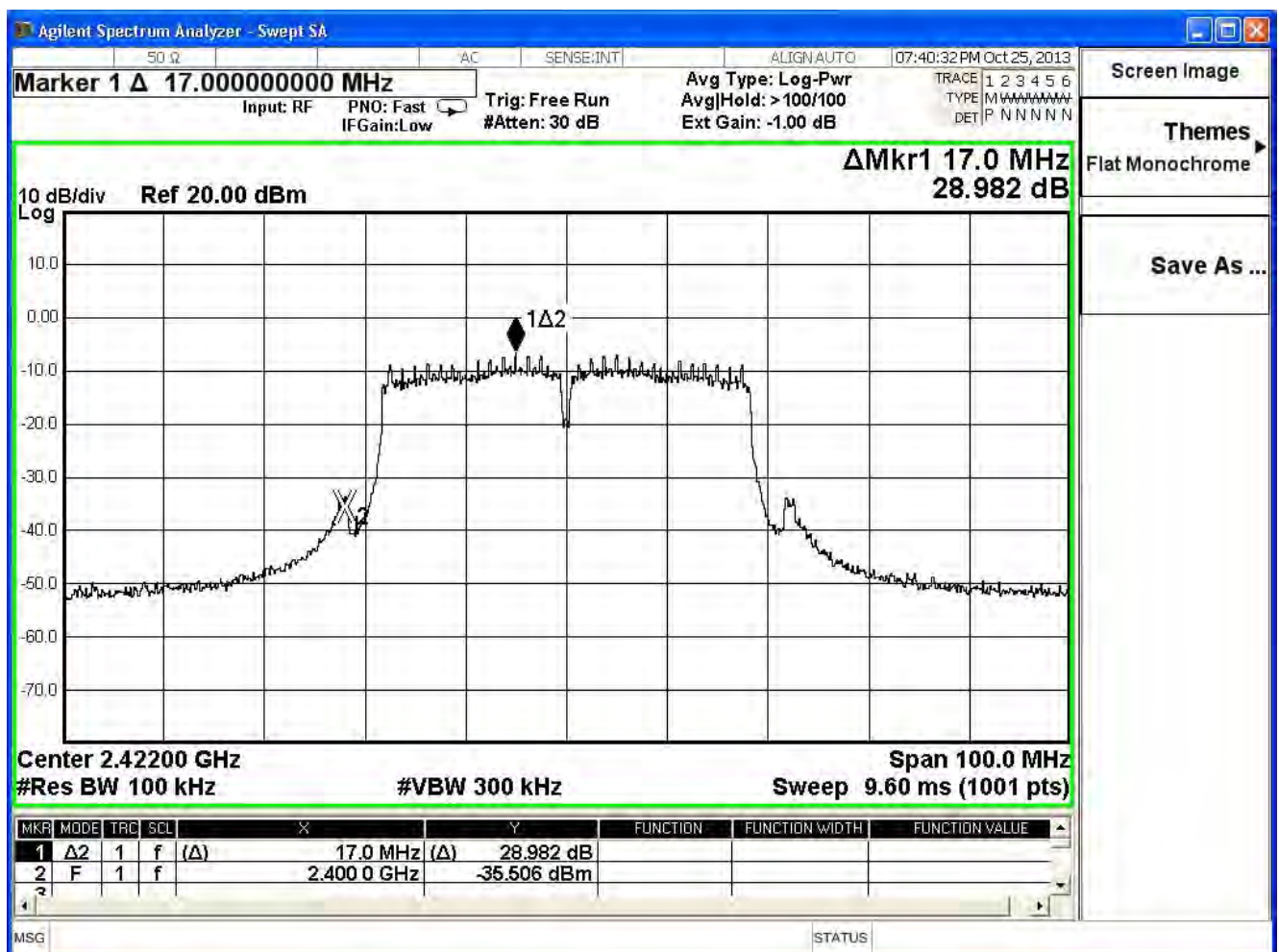


Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

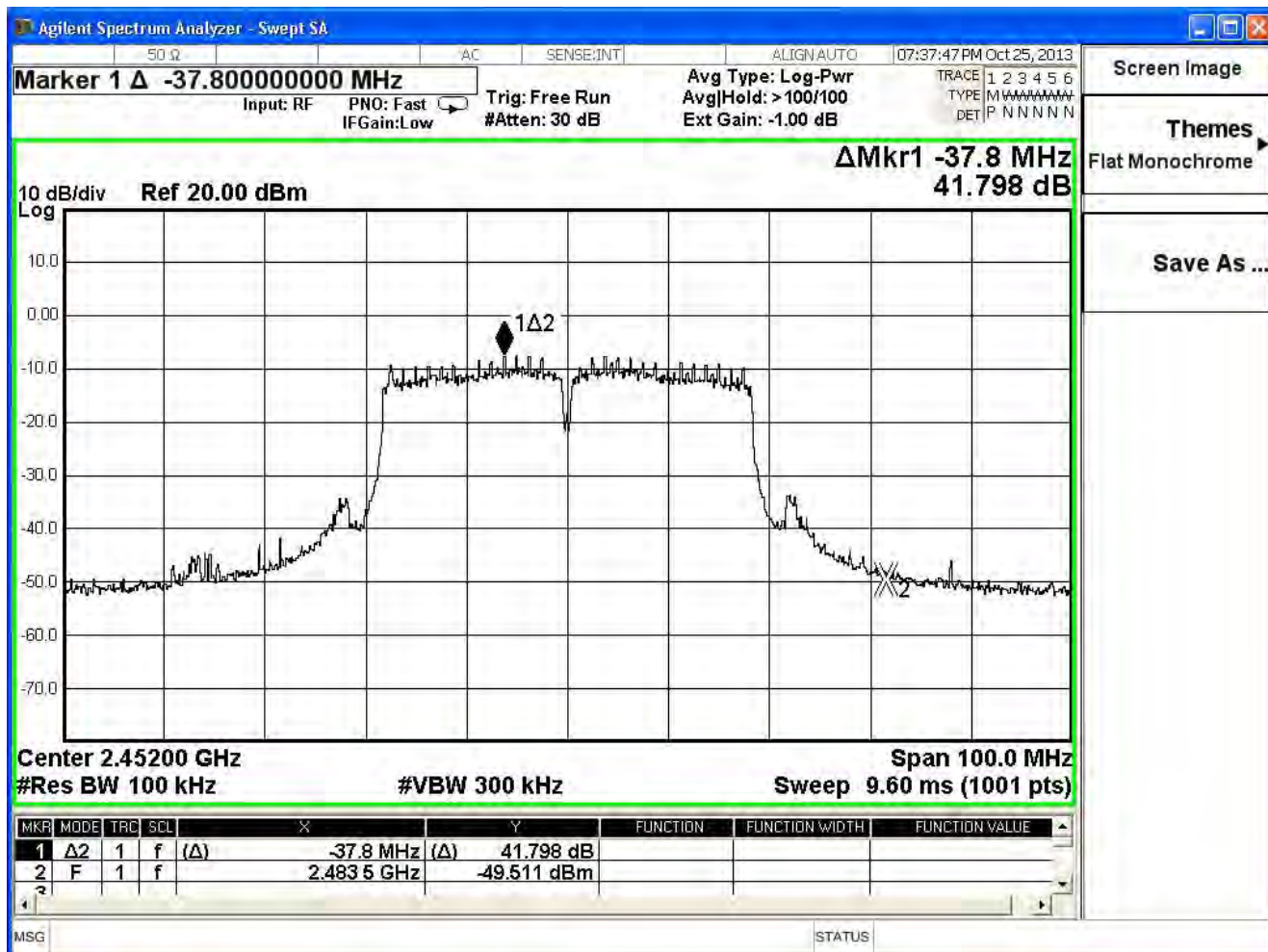
IEEE 802.11n (40MHz), (ANT 1) Duty Cycle: 1

Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	28.98	≥ 20	Pass
9	2452	41.80	≥ 20	Pass

Channel 3 (2422MHz)

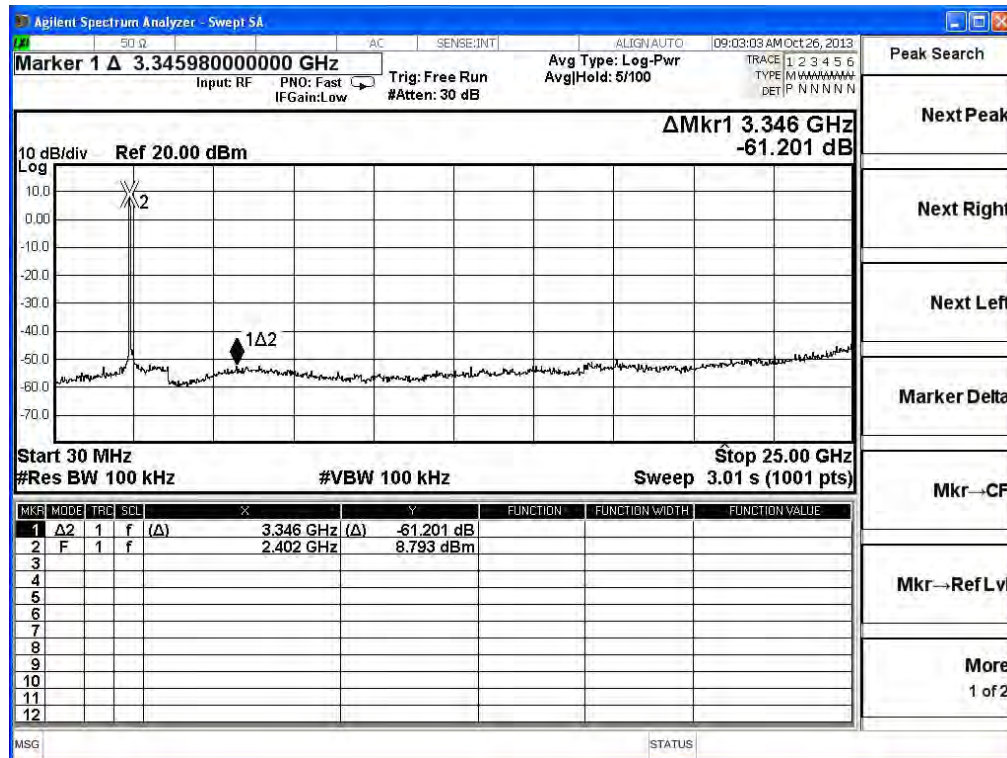


Channel 9 (2452MHz)

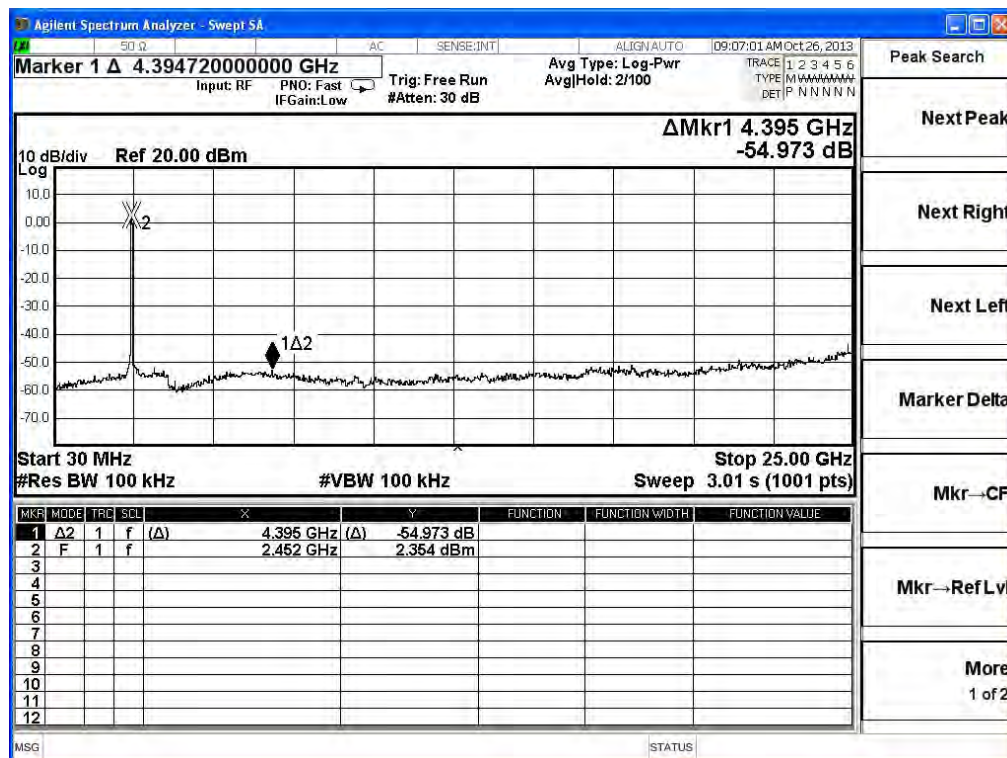


Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit(CDD Mode)		
Date of Test	2013/10/25	Test Site	SR7

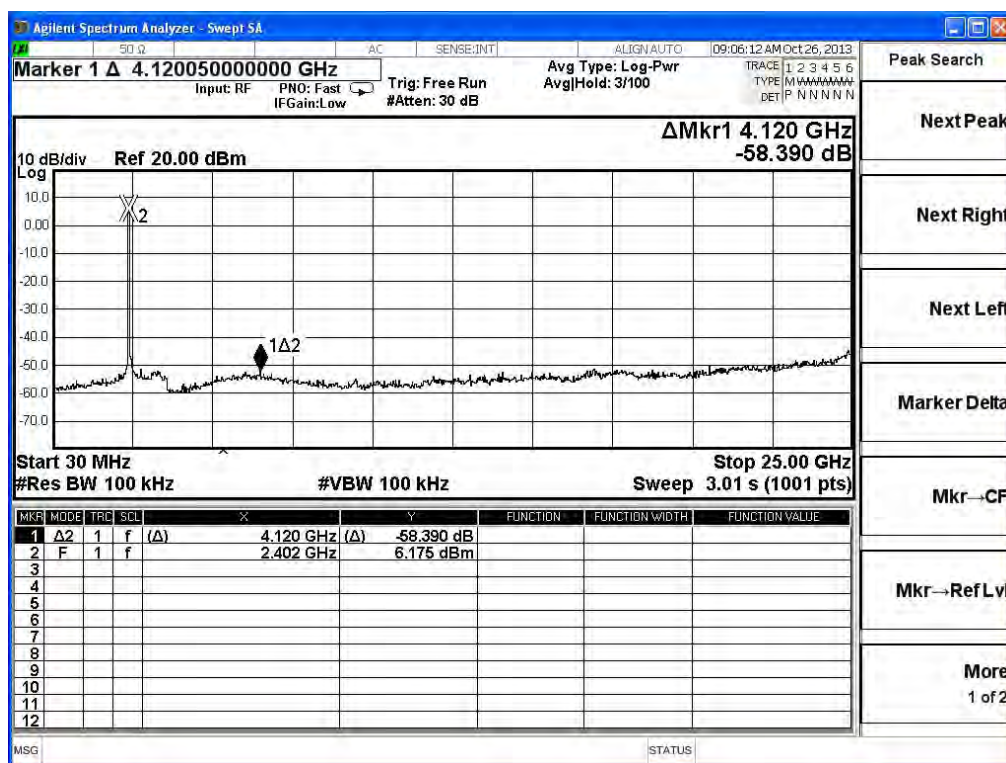
2412MHz (30MHz-25GHz)-802.11b (ANT0)



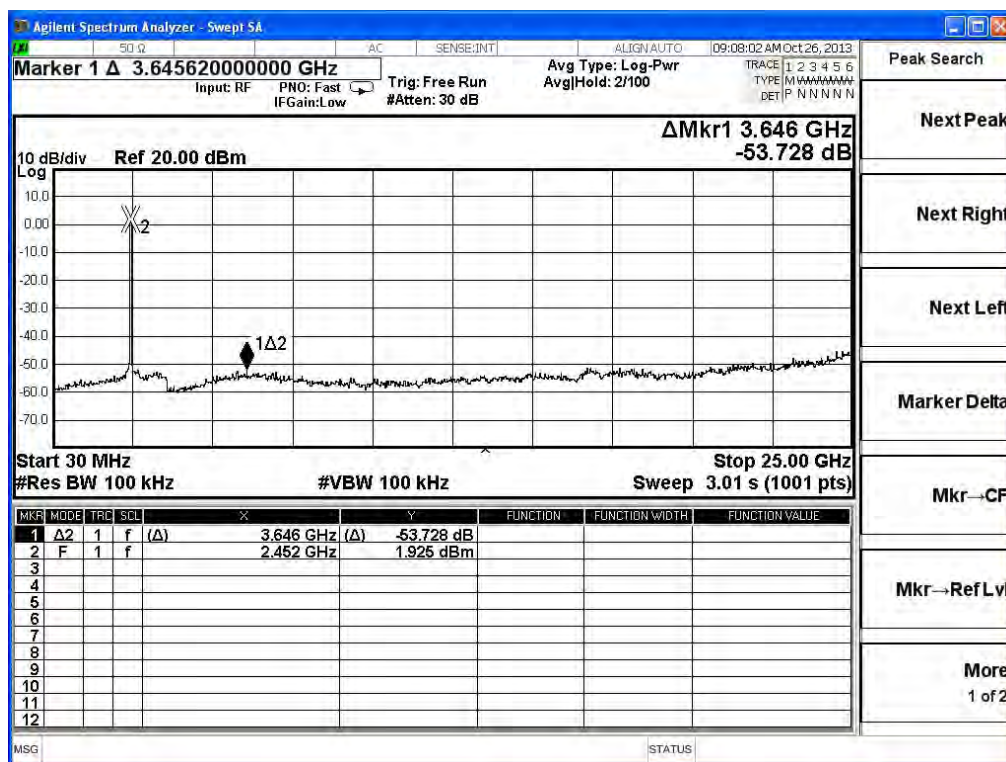
2462MHz (30MHz-25GHz) -802.11b (ANT0)



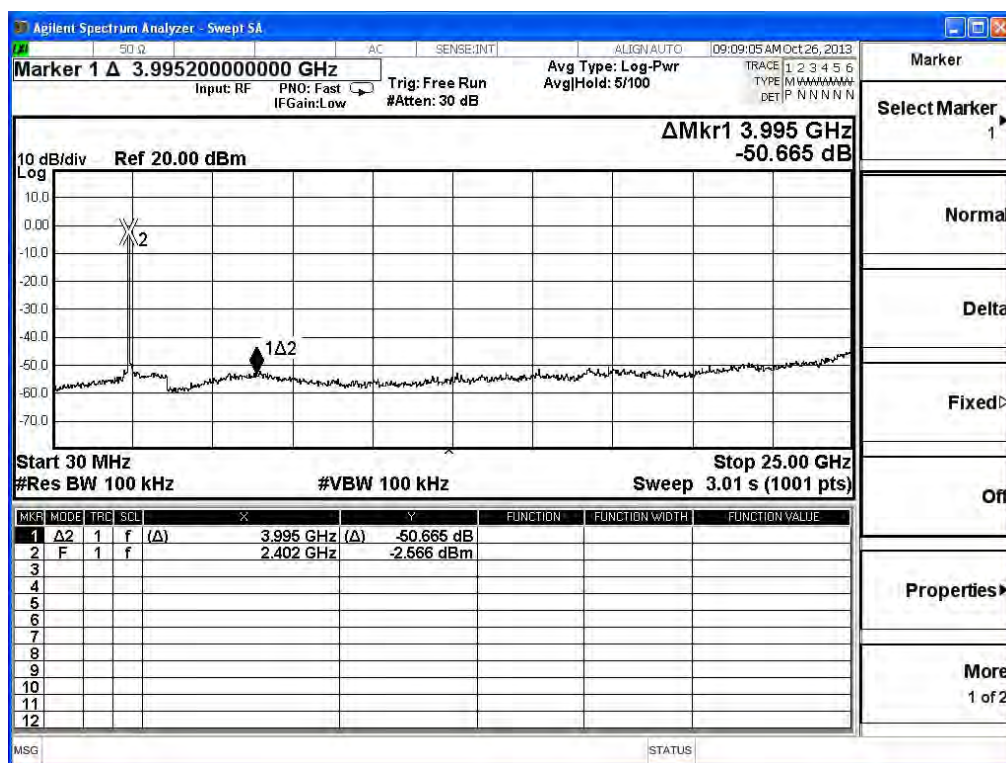
2412MHz (30MHz-25GHz)-802.11b (ANT1)



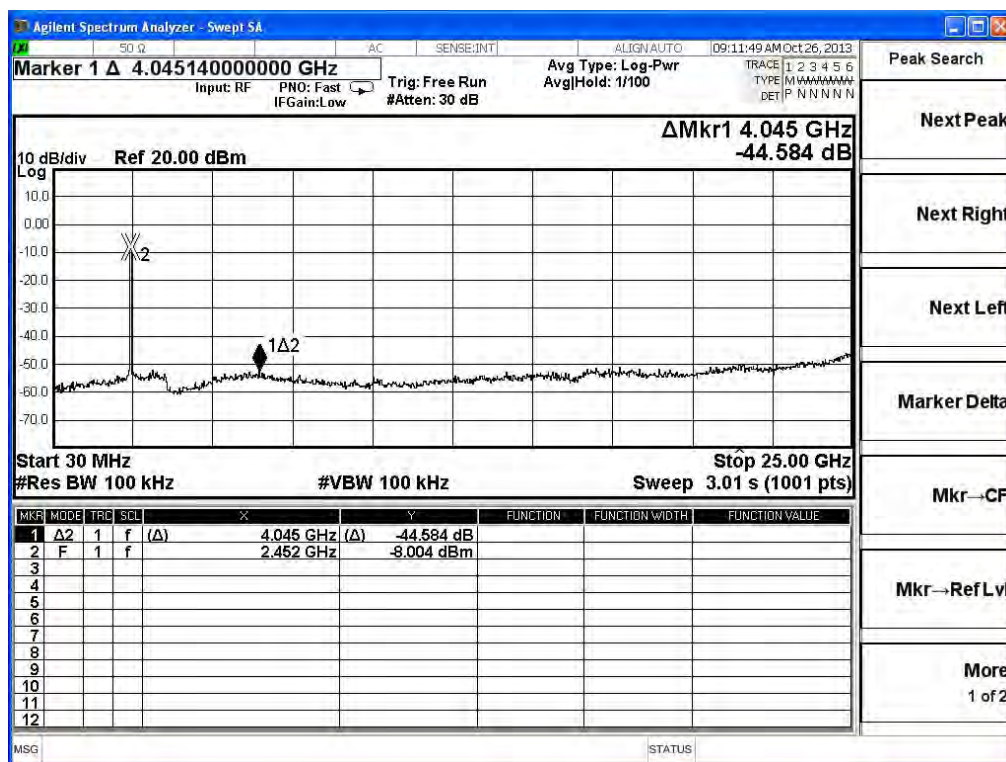
2462MHz (30MHz-25GHz) -802.11b (ANT1)



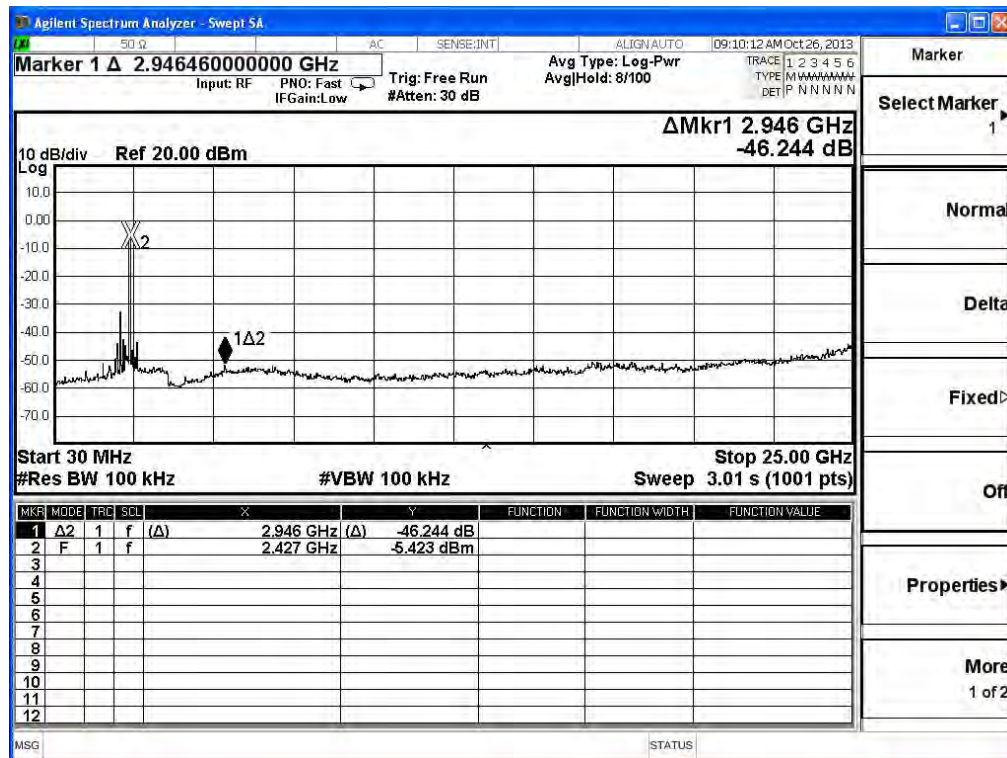
2412MHz (30MHz-25GHz)-802.11g-ANT 0



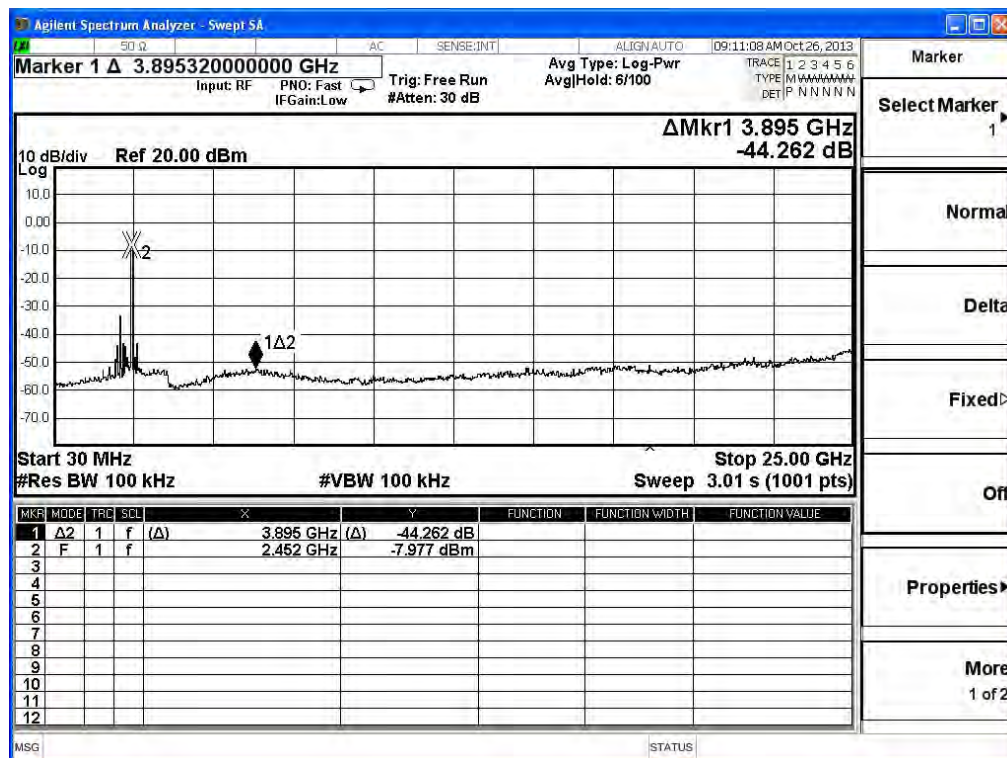
2462MHz (30MHz-25GHz) -802.11g-ANT 0



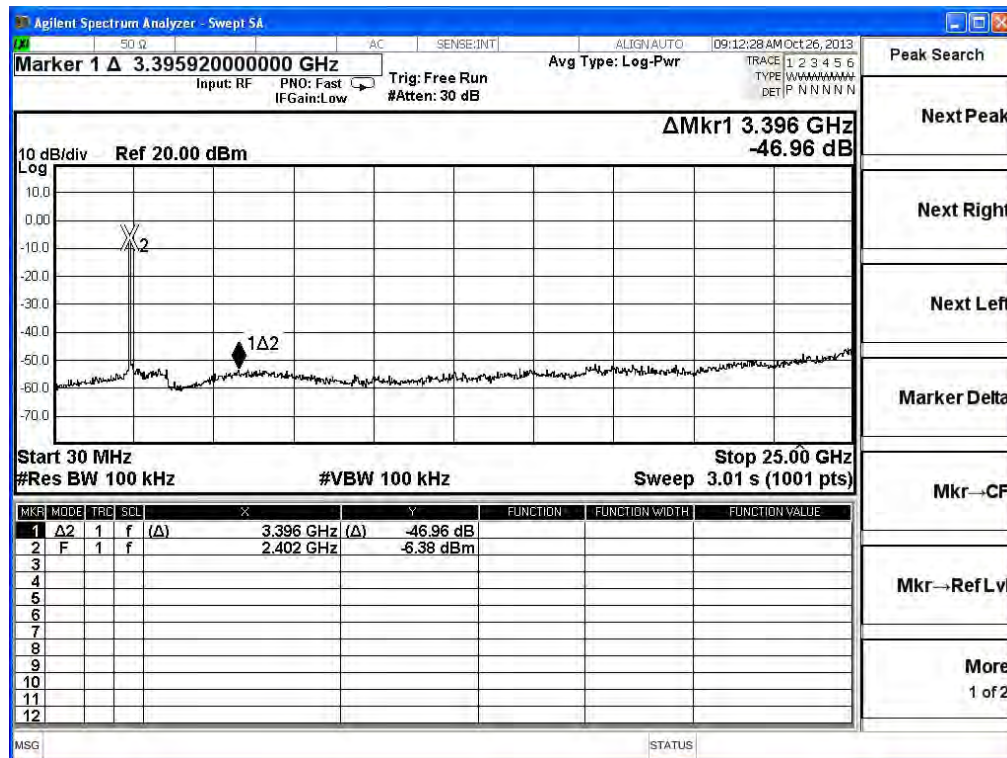
2412MHz (30MHz-25GHz)-802.11g-ANT 1



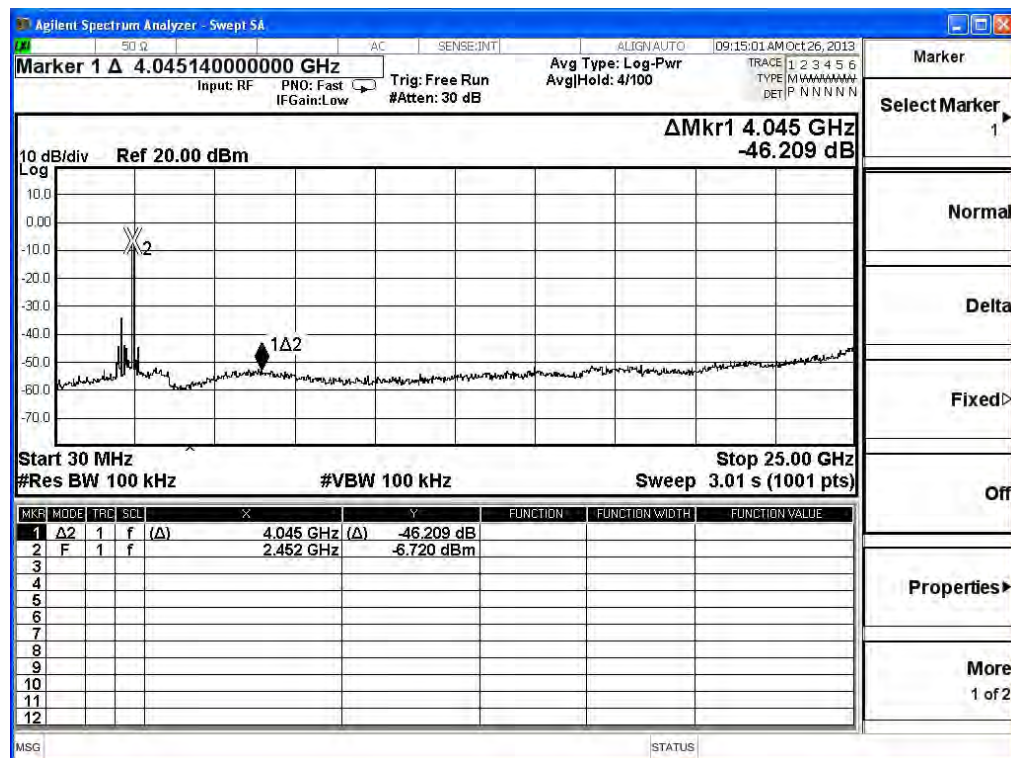
2462MHz (30MHz-25GHz) -802.11g-ANT 1



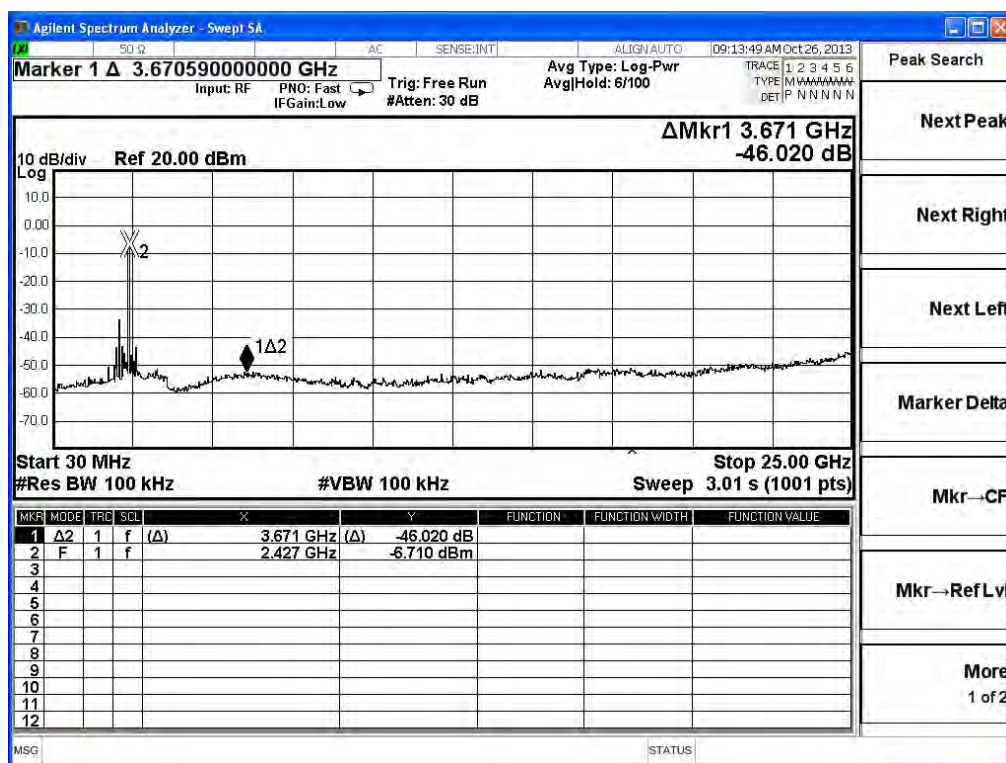
2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0



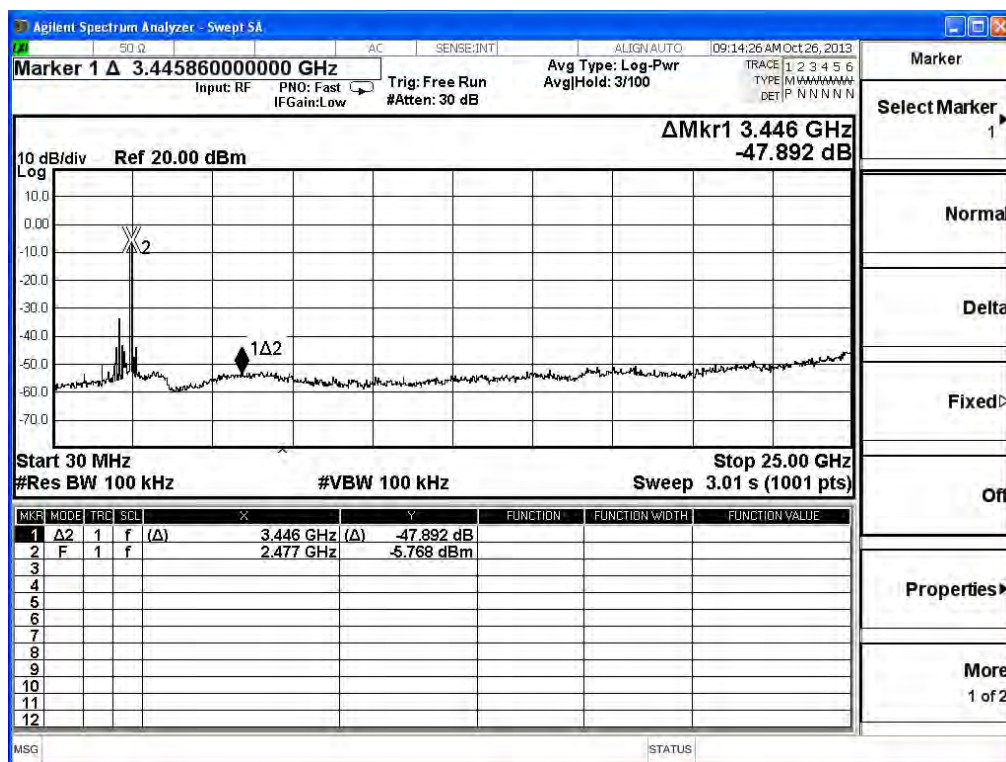
2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 0



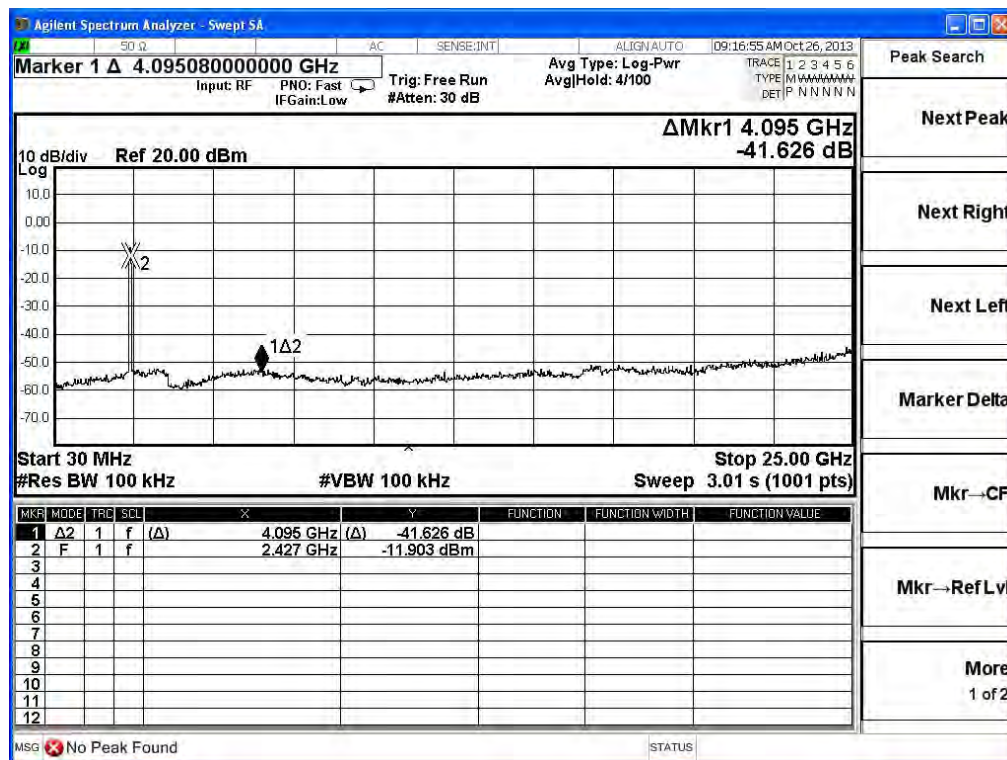
2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 1



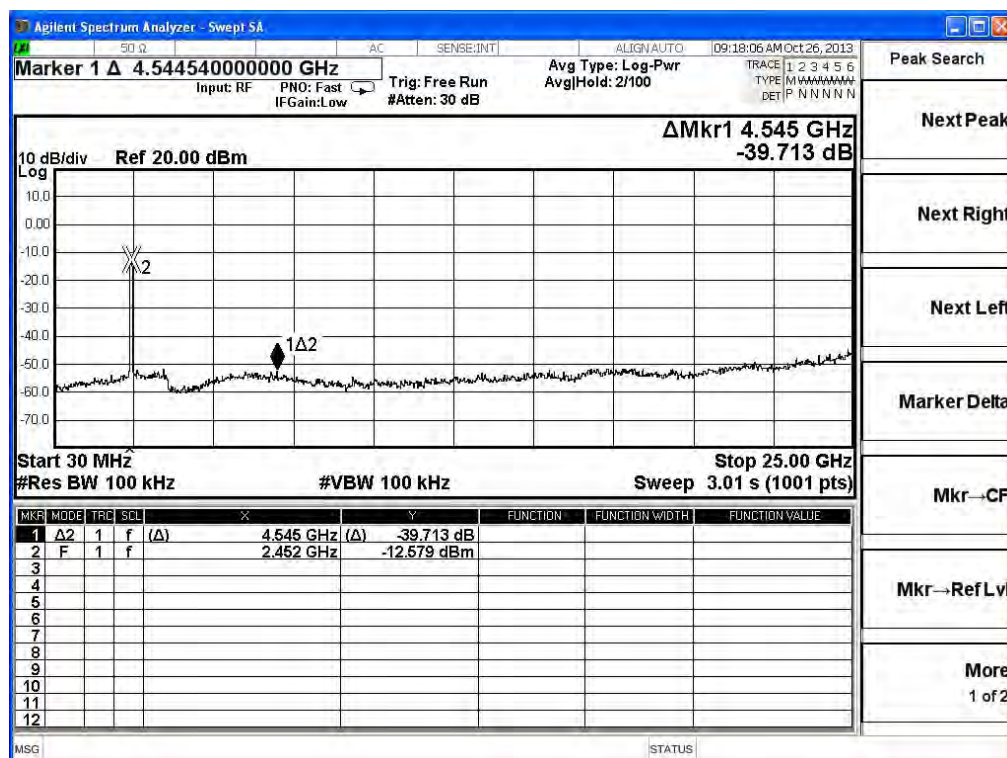
2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 1



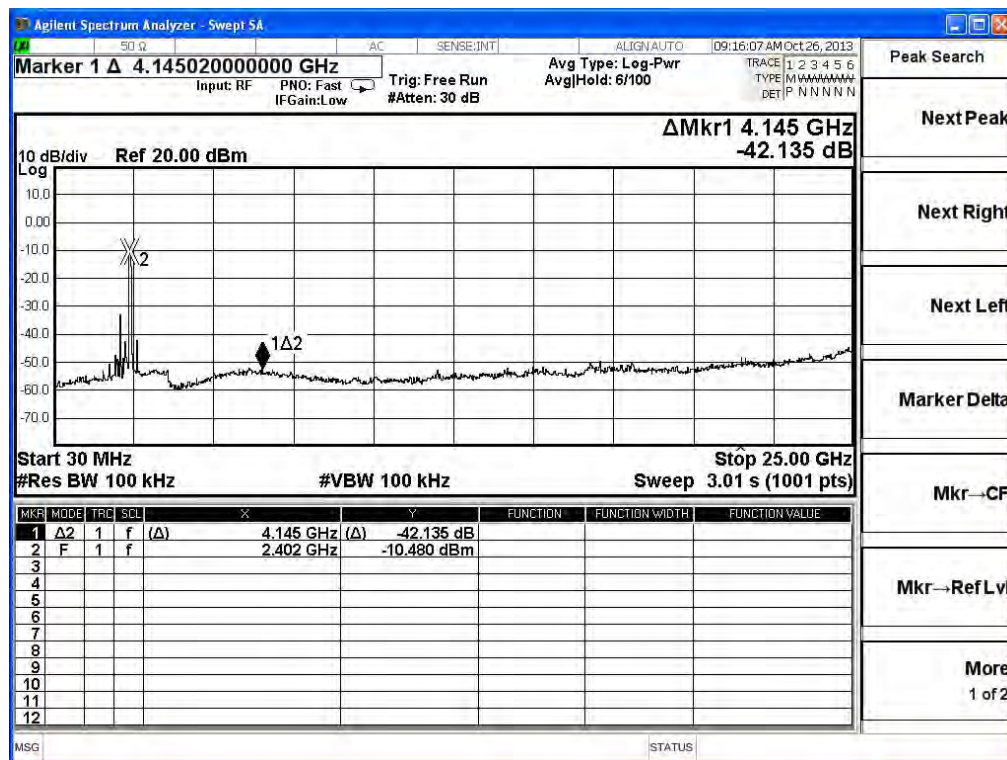
2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



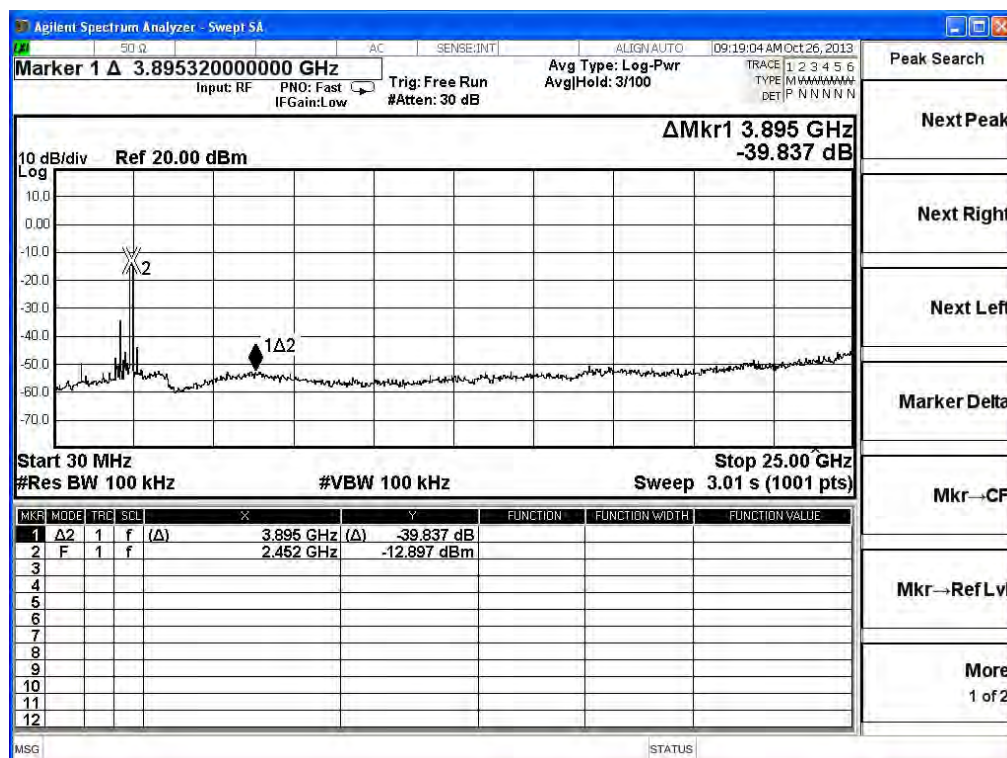
2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 0



2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 1



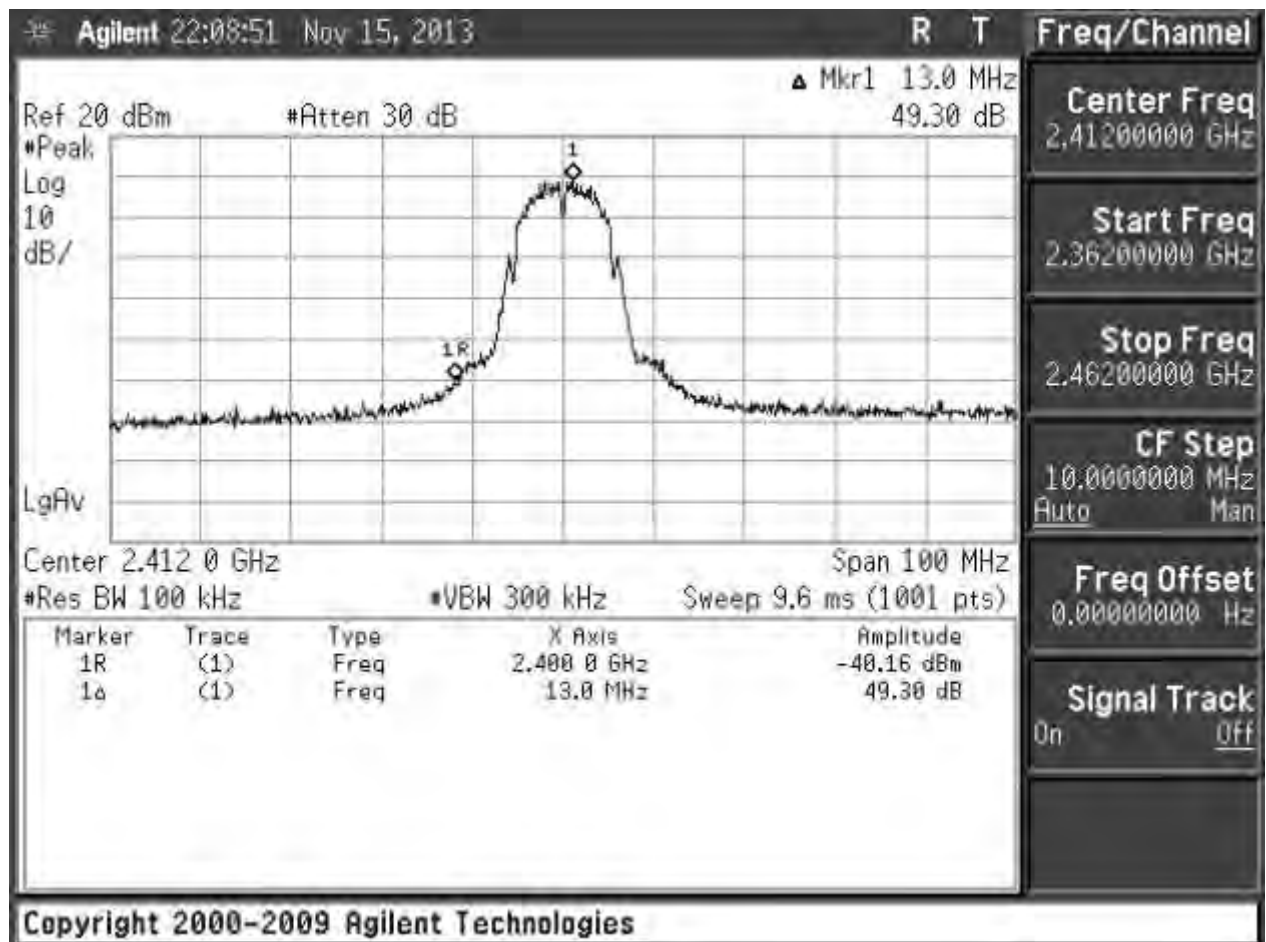
2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 1



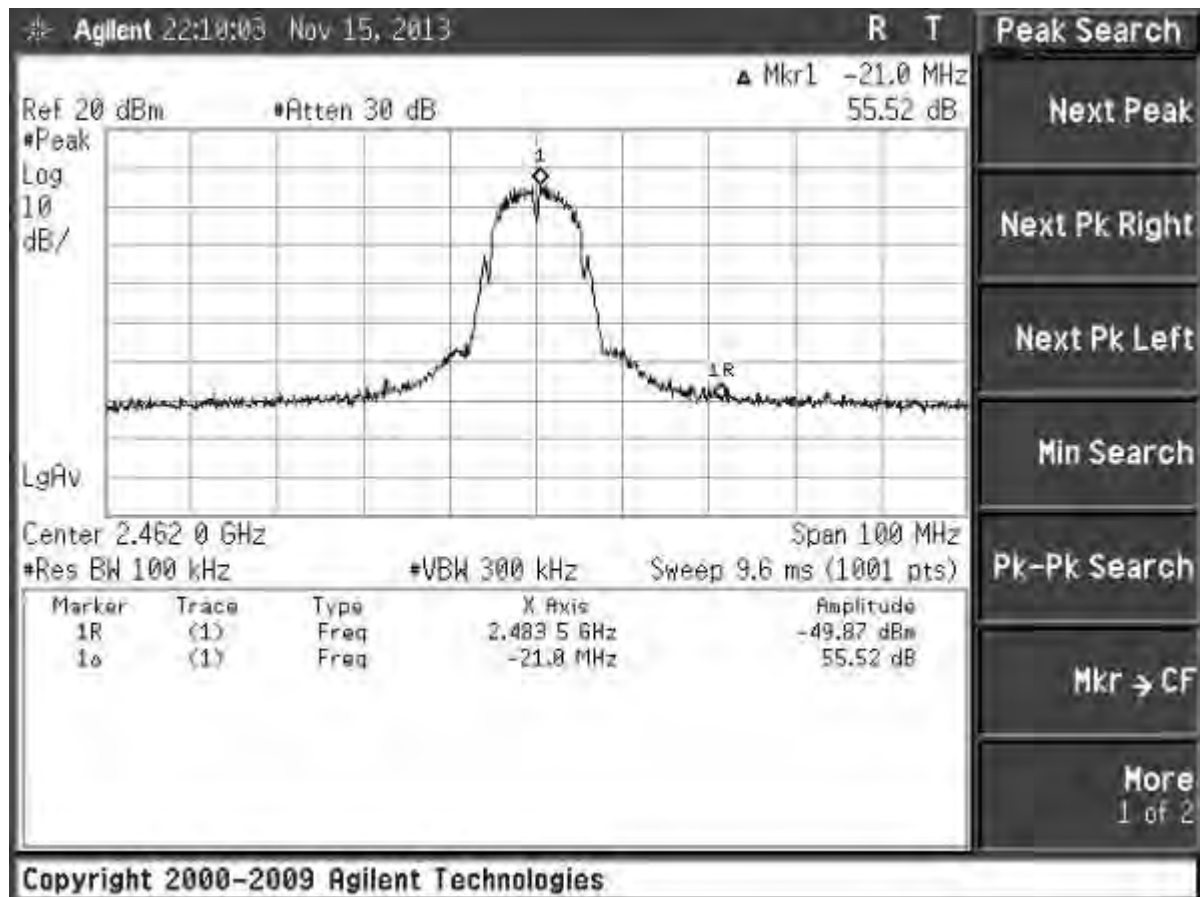
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/15	Test Site	SR7

IEEE 802.11b, Duty Cycle: 1 (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	49.30	≥ 20	Pass
11	2462	55.52	≥ 20	Pass

Channel 01 (2412MHz)



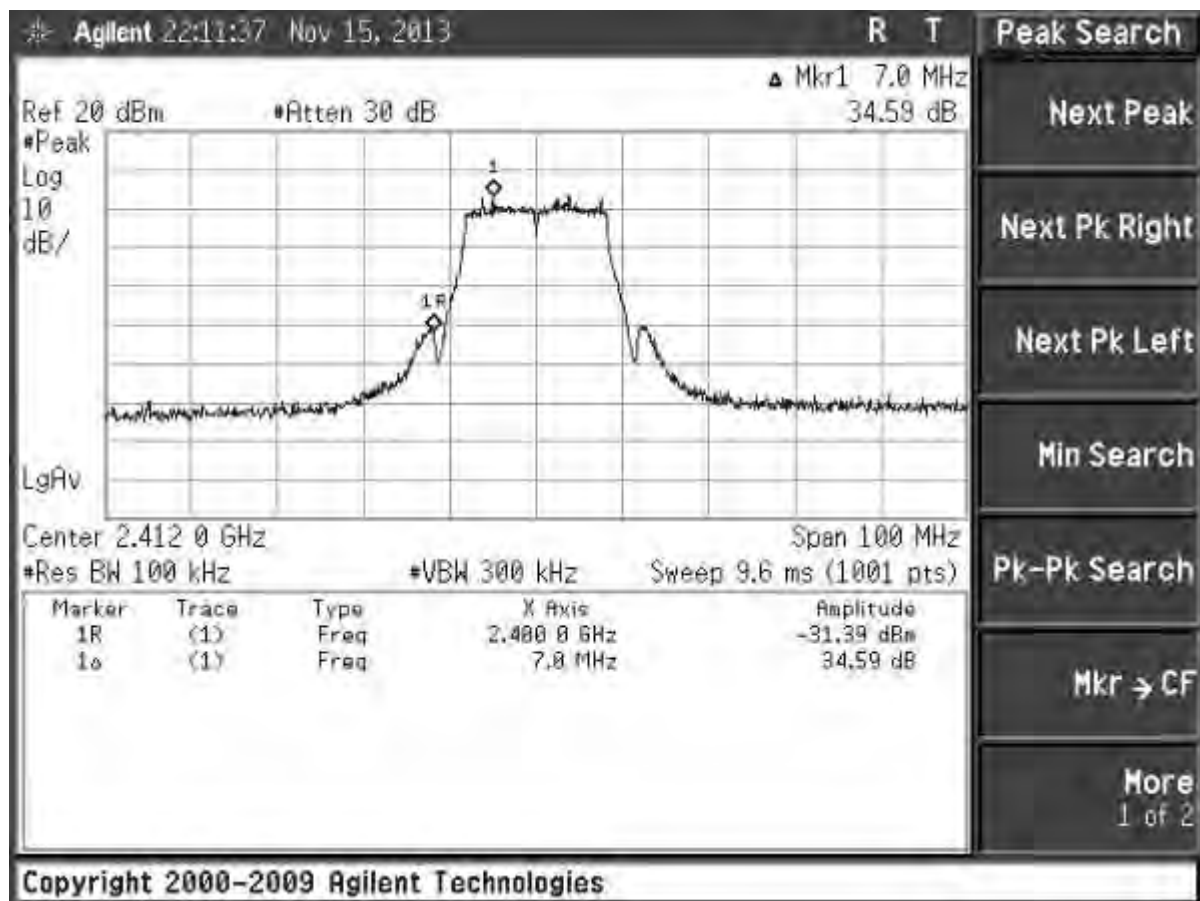
Channel 11 (2462MHz)



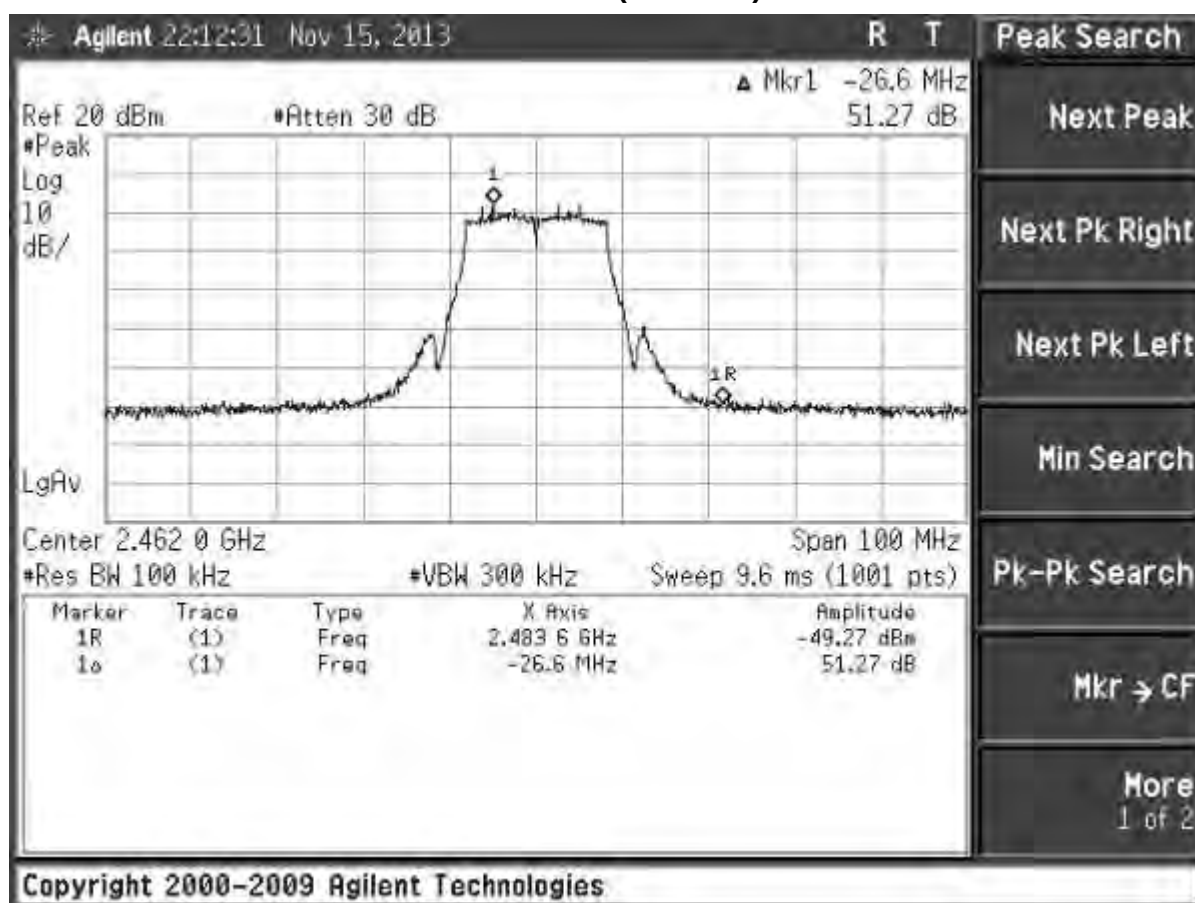
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/15	Test Site	SR7

IEEE 802.11g, Duty Cycle: 1 (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	34.59	≥ 20	Pass
11	2462	51.27	≥ 20	Pass

Channel 01 (2412MHz)



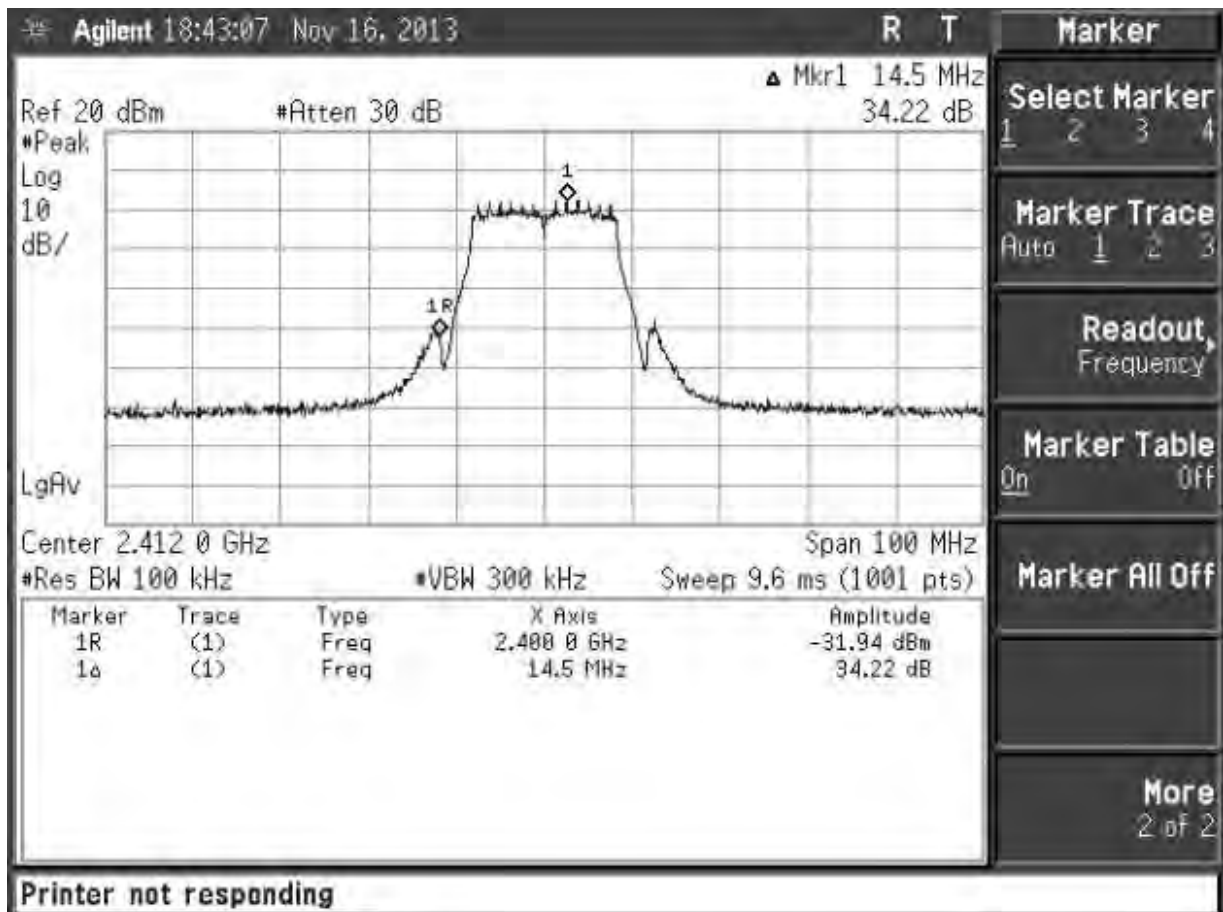
Channel 11 (2462MHz)



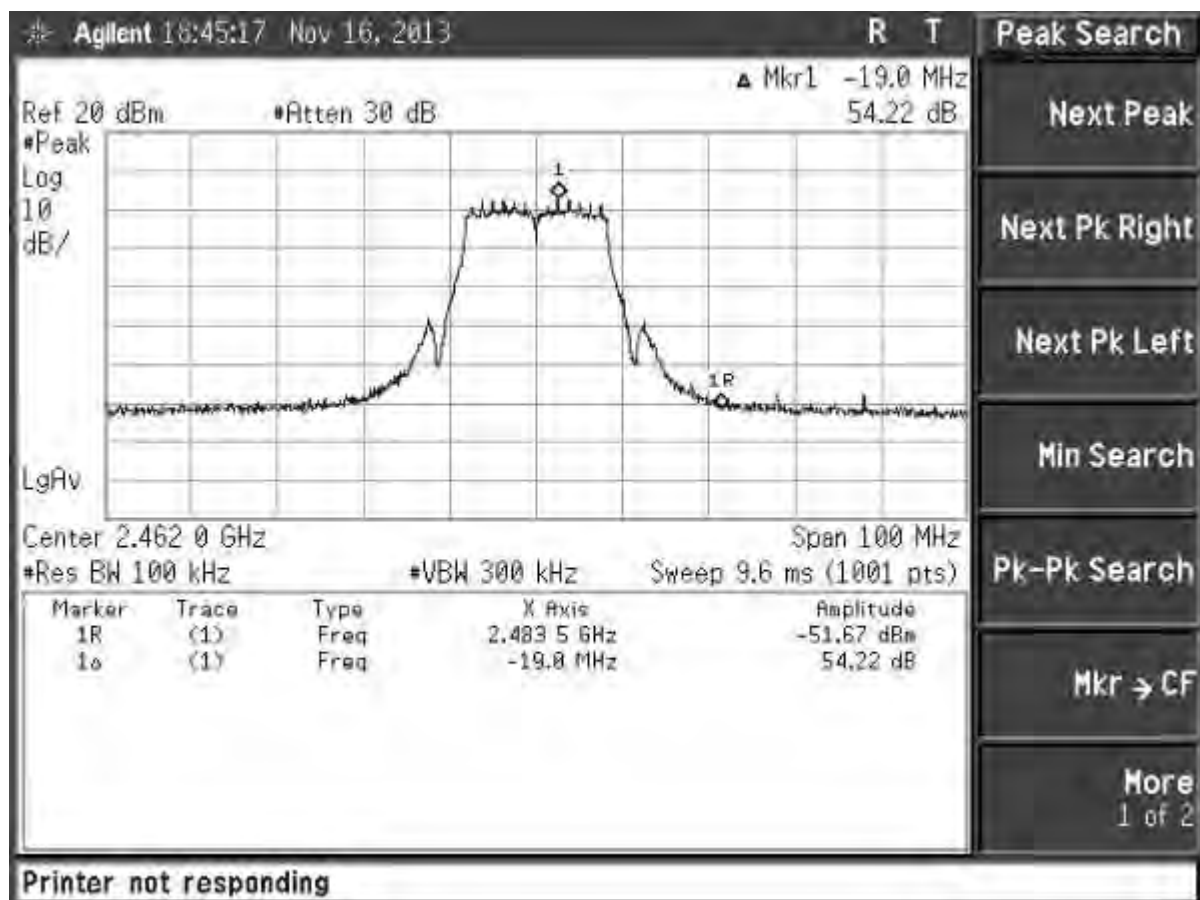
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/16	Test Site	SR7

IEEE 802.11g, Duty Cycle: 1 (ANT1)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	34.22	≥ 20	Pass
11	2462	54.22	≥ 20	Pass

Channel 01 (2412MHz)



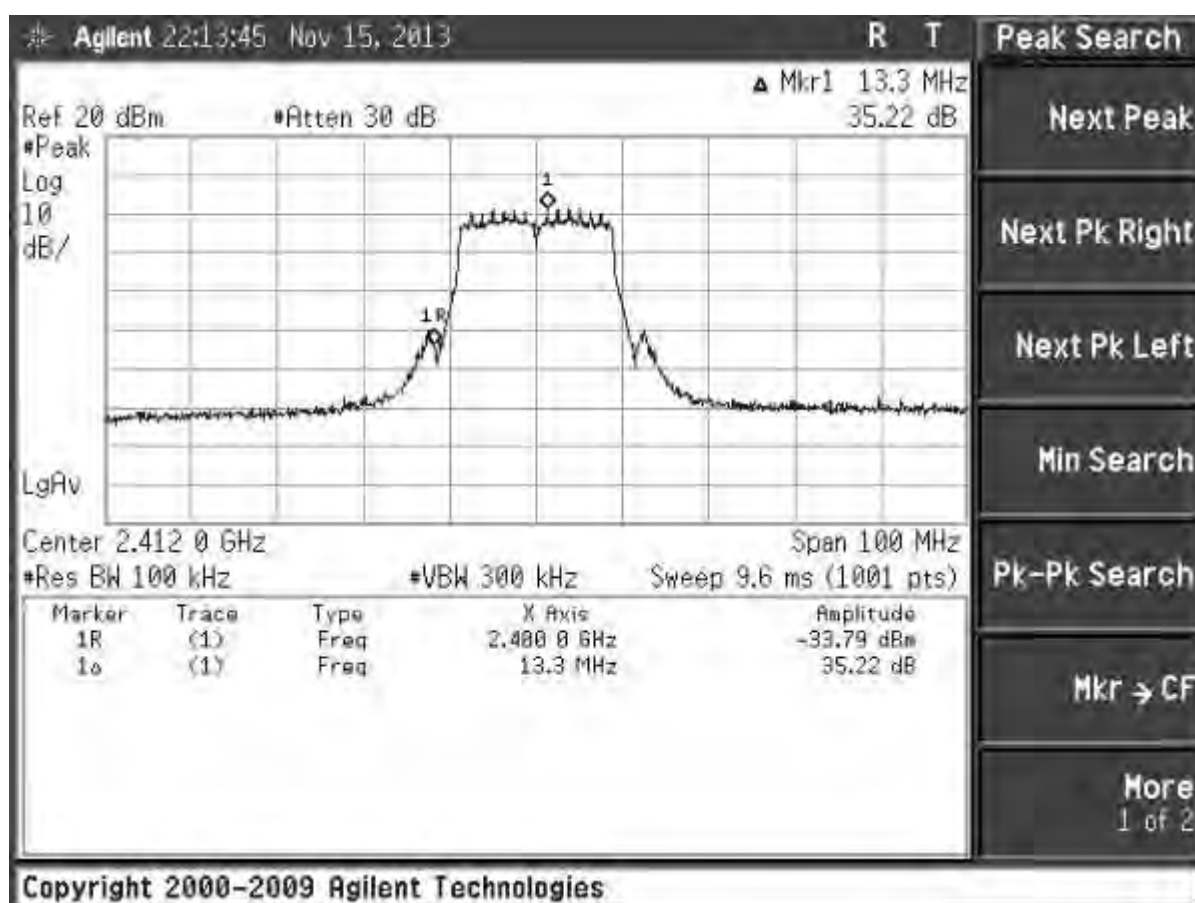
Channel 11 (2462MHz)



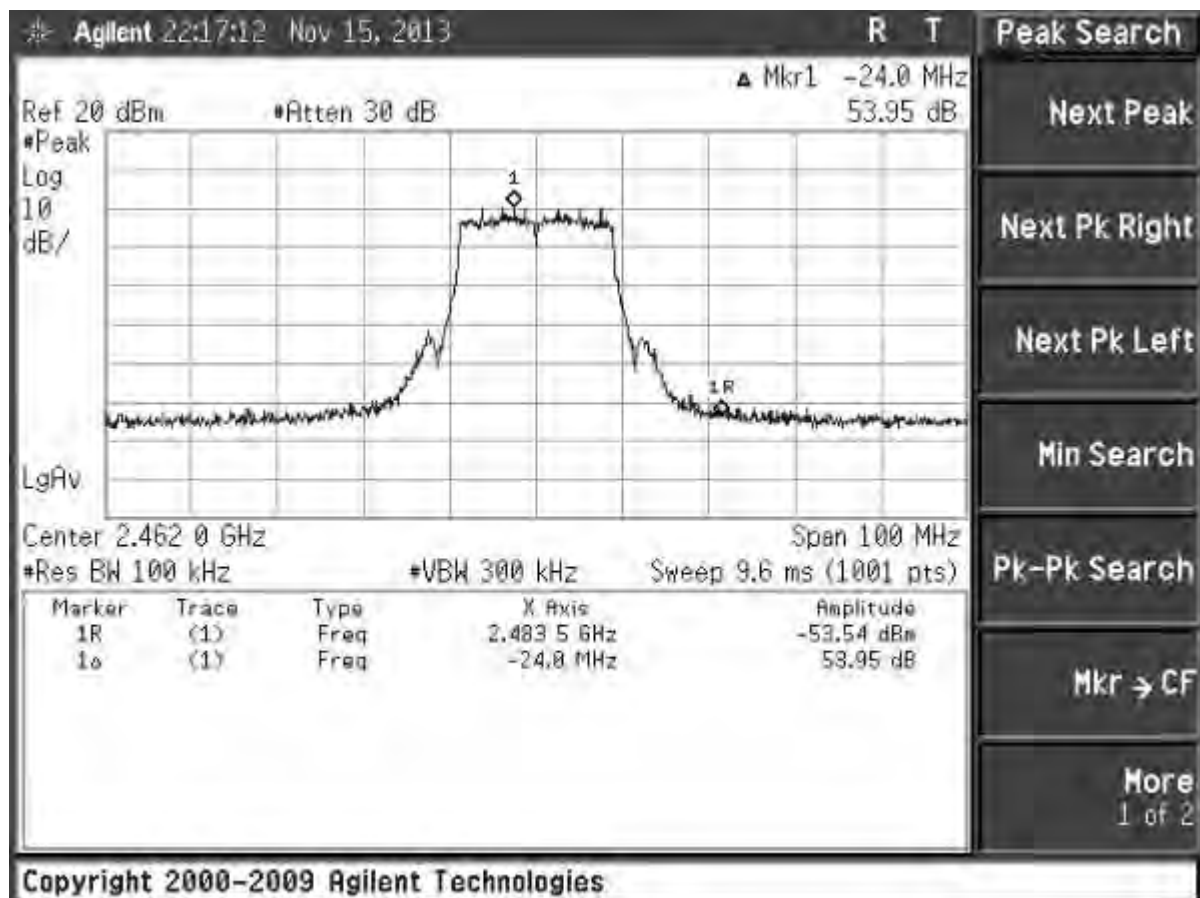
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/15	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 0) Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	35.22	≥ 20	Pass
11	2462	53.95	≥ 20	Pass

Channel 1 (2412MHz)



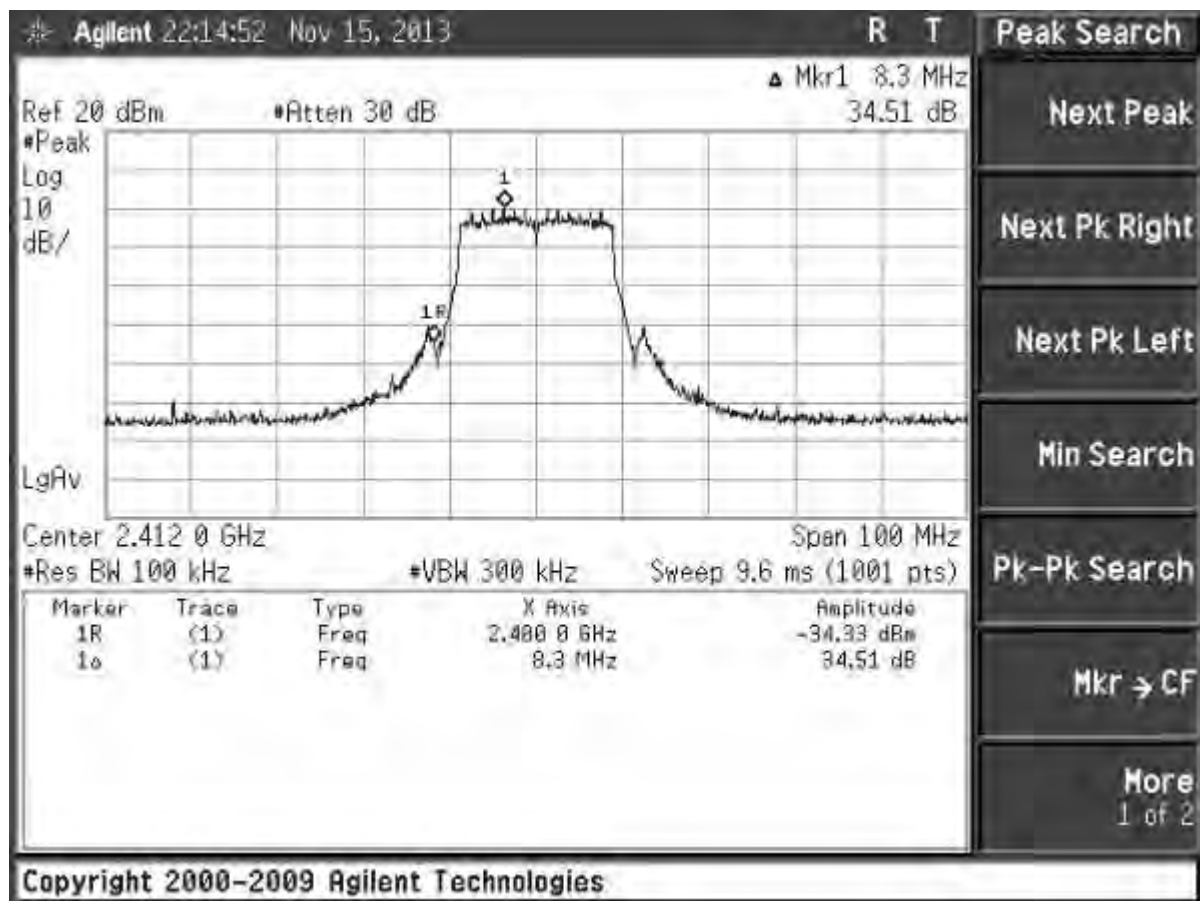
Channel 11 (2462MHz)



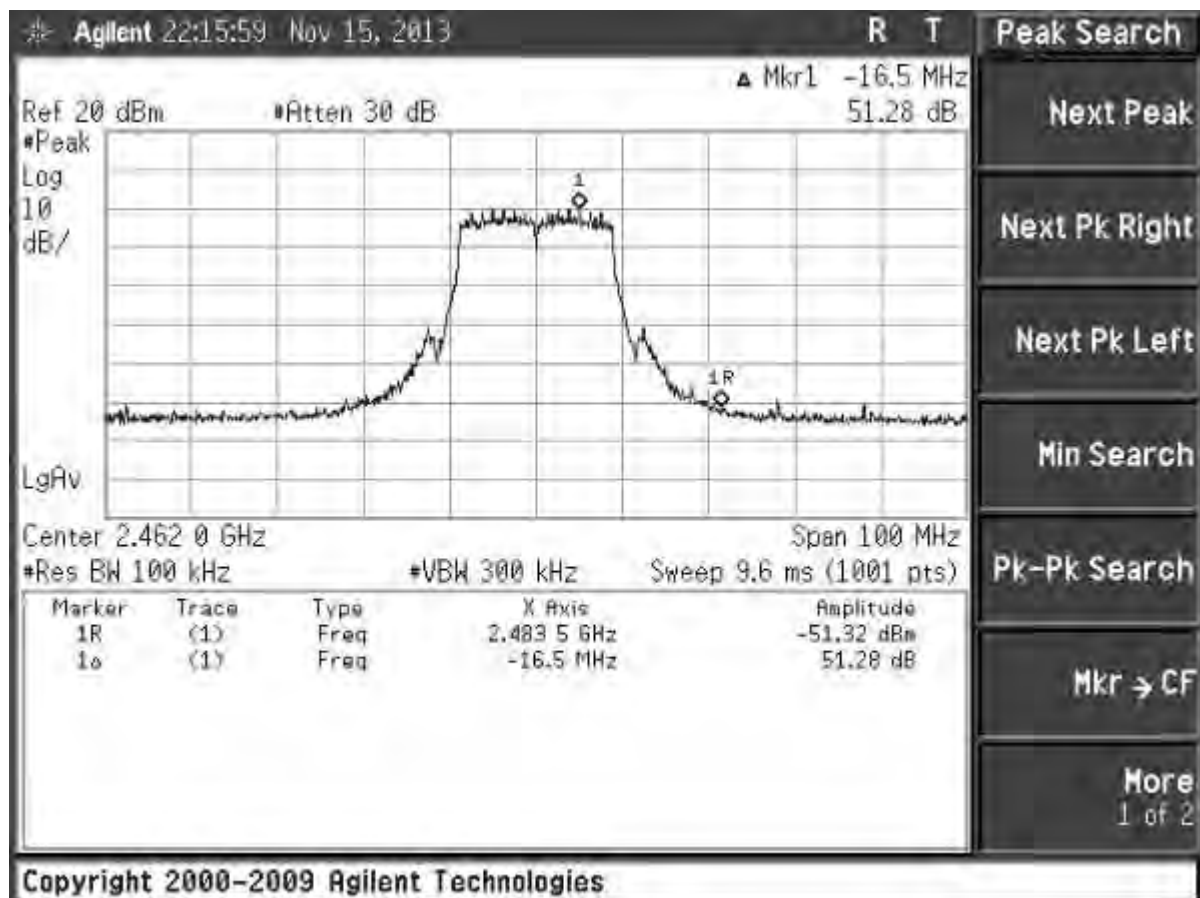
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/15	Test Site	SR7

IEEE 802.11n (20MHz), (ANT 1) Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	34.51	≥ 20	Pass
11	2462	51.28	≥ 20	Pass

Channel 1 (2412MHz)



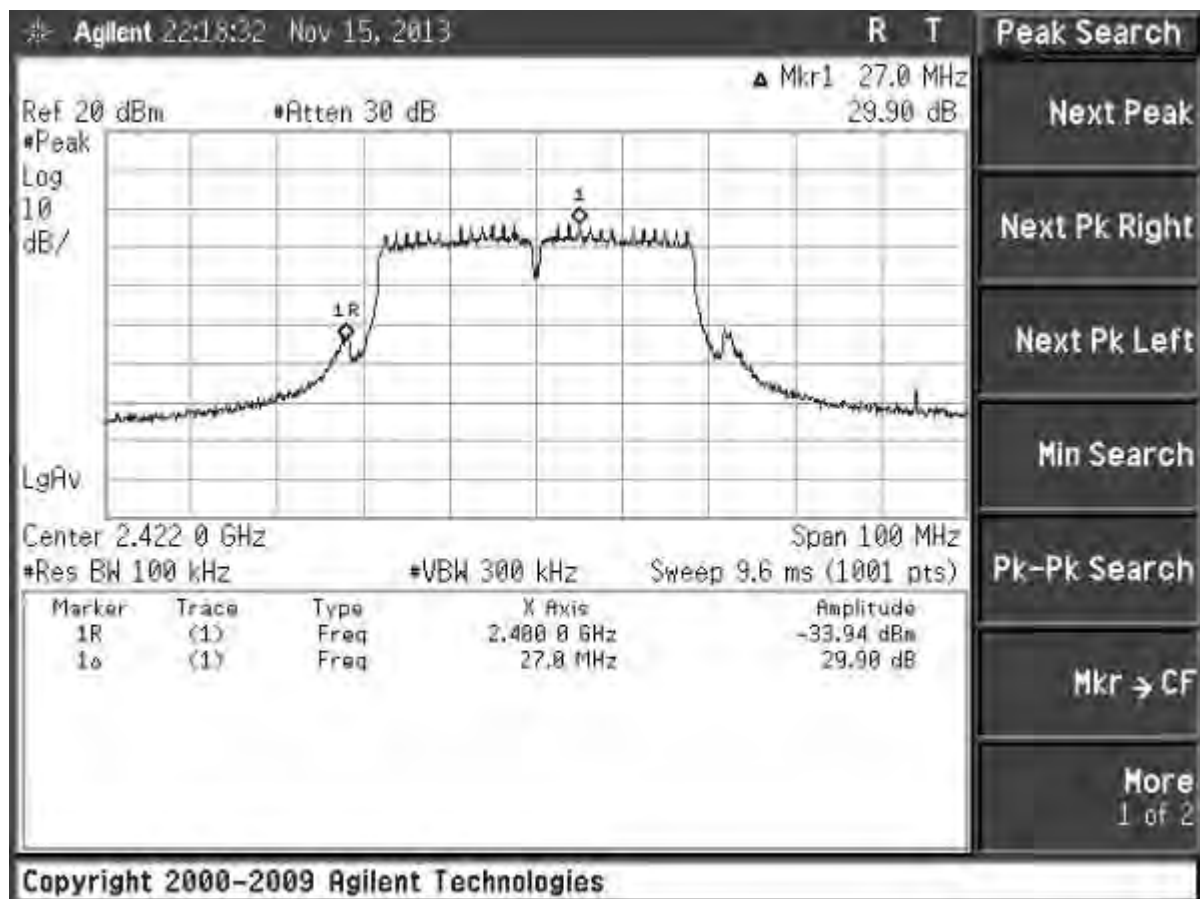
Channel 11 (2462MHz)



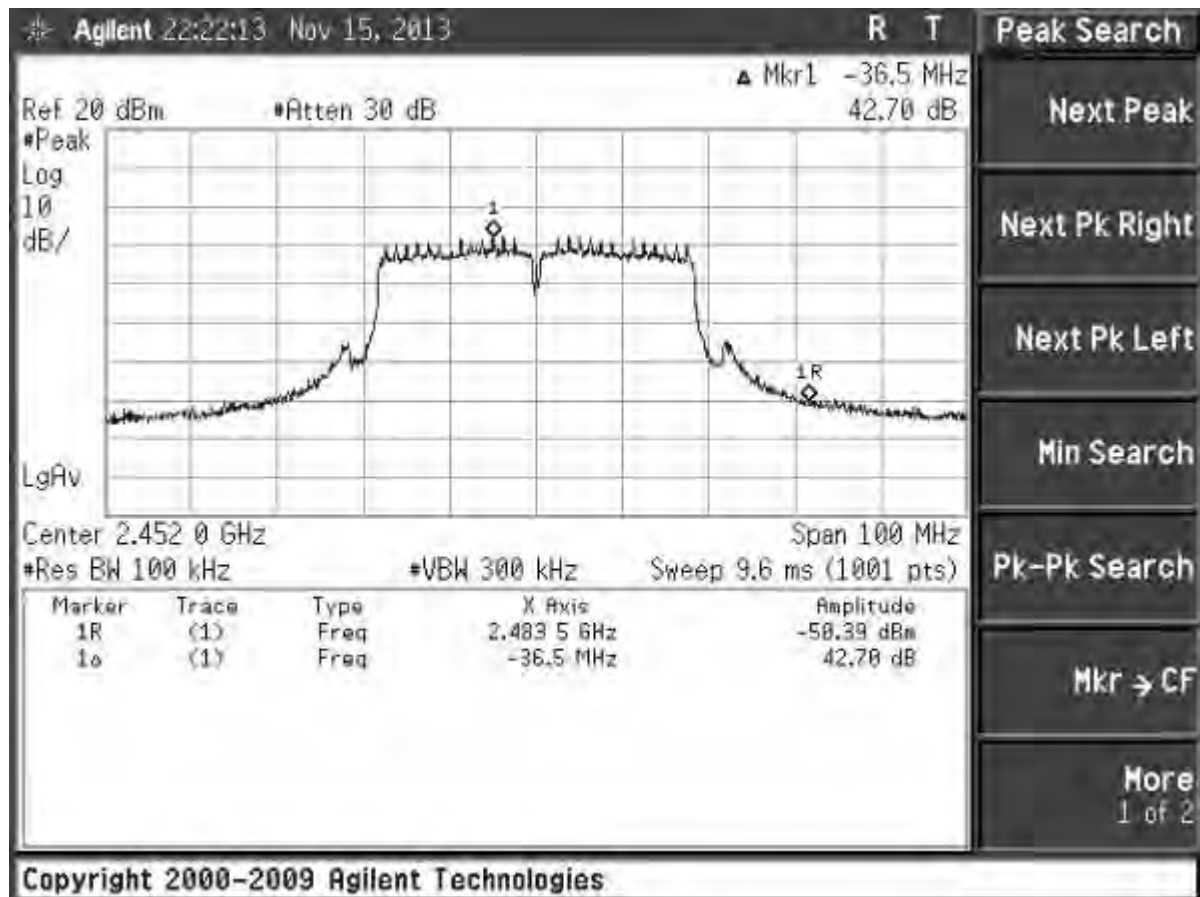
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/15	Test Site	SR7

IEEE 802.11n (40MHz), (ANT 0) Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	29.90	≥ 20	Pass
9	2452	42.70	≥ 20	Pass

Channel 3 (2422MHz)



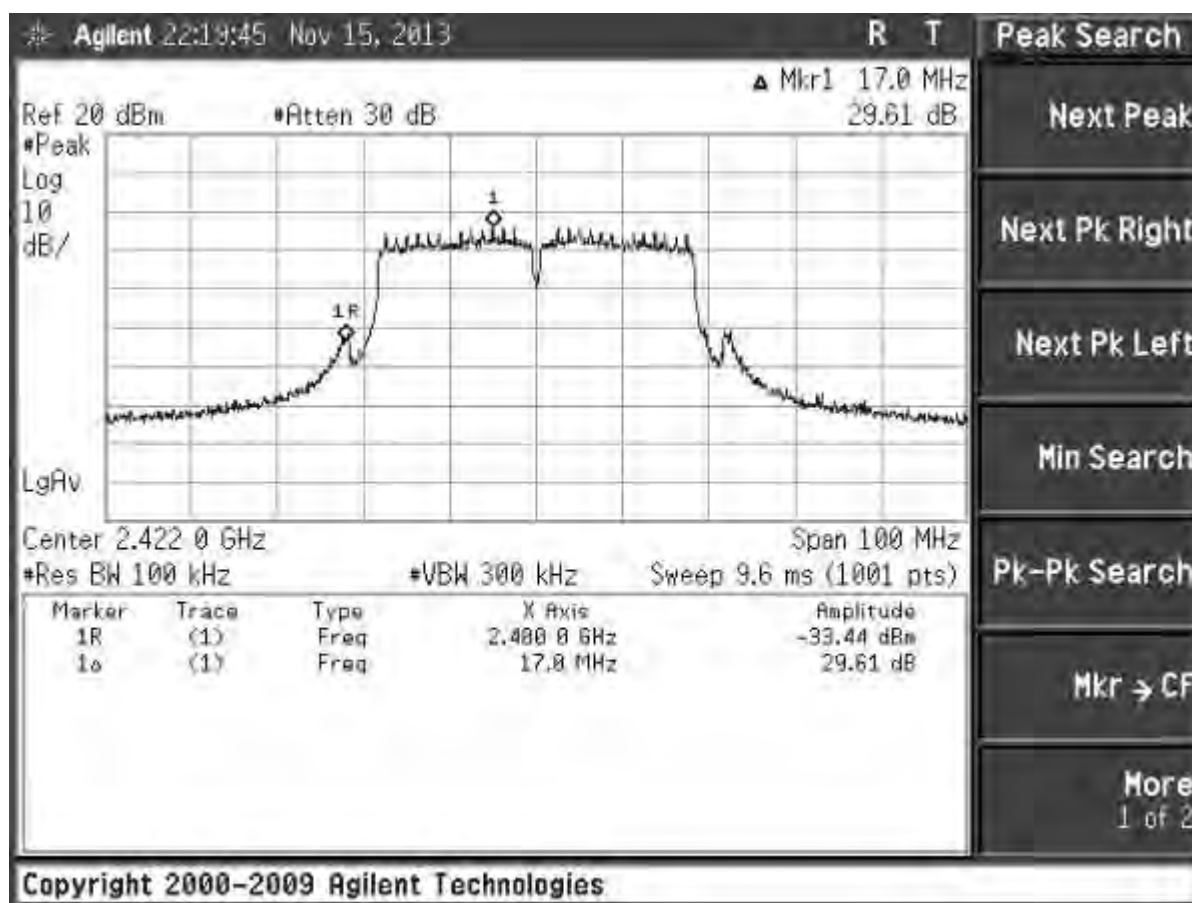
Channel 9 (2452MHz)



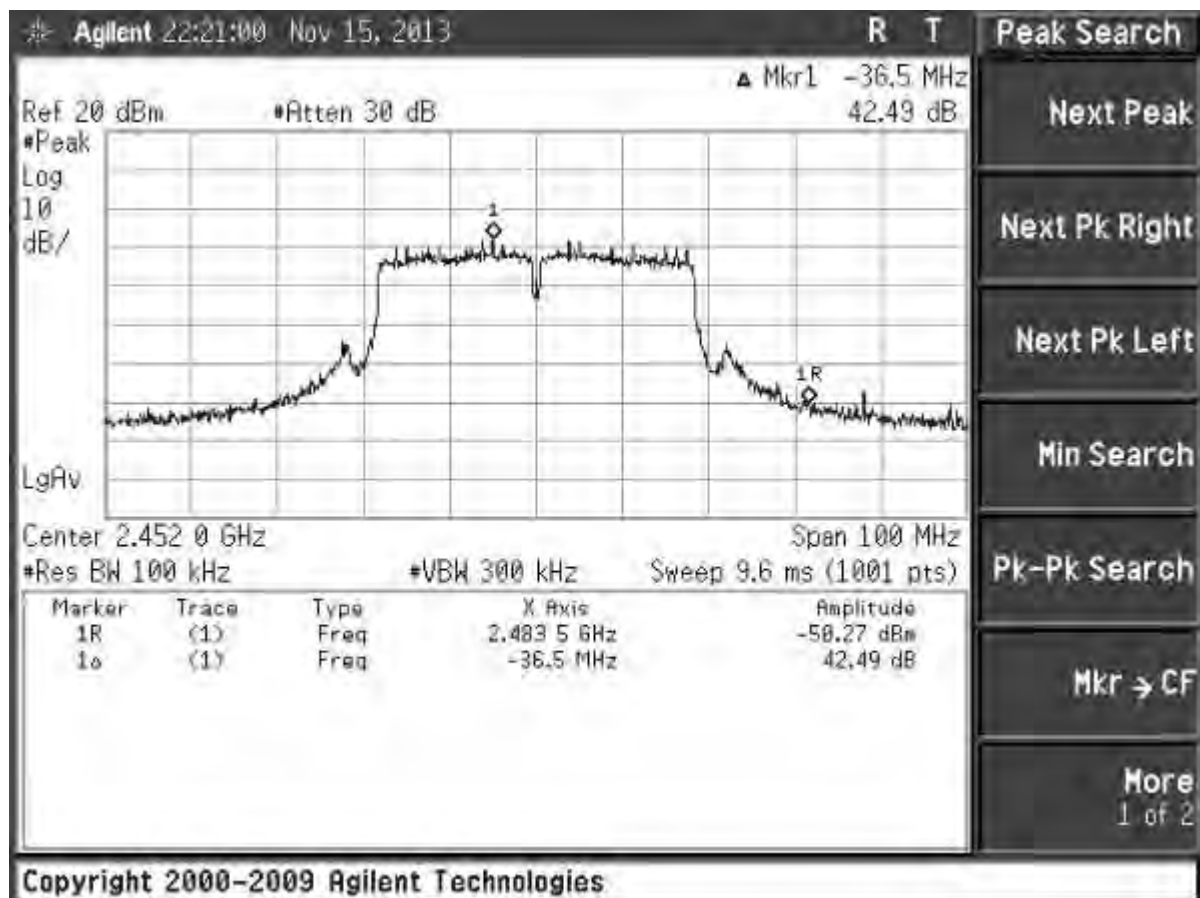
Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/15	Test Site	SR7

IEEE 802.11n (40MHz), (ANT 1) Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	29.61	≥ 20	Pass
9	2452	42.49	≥ 20	Pass

Channel 3 (2422MHz)

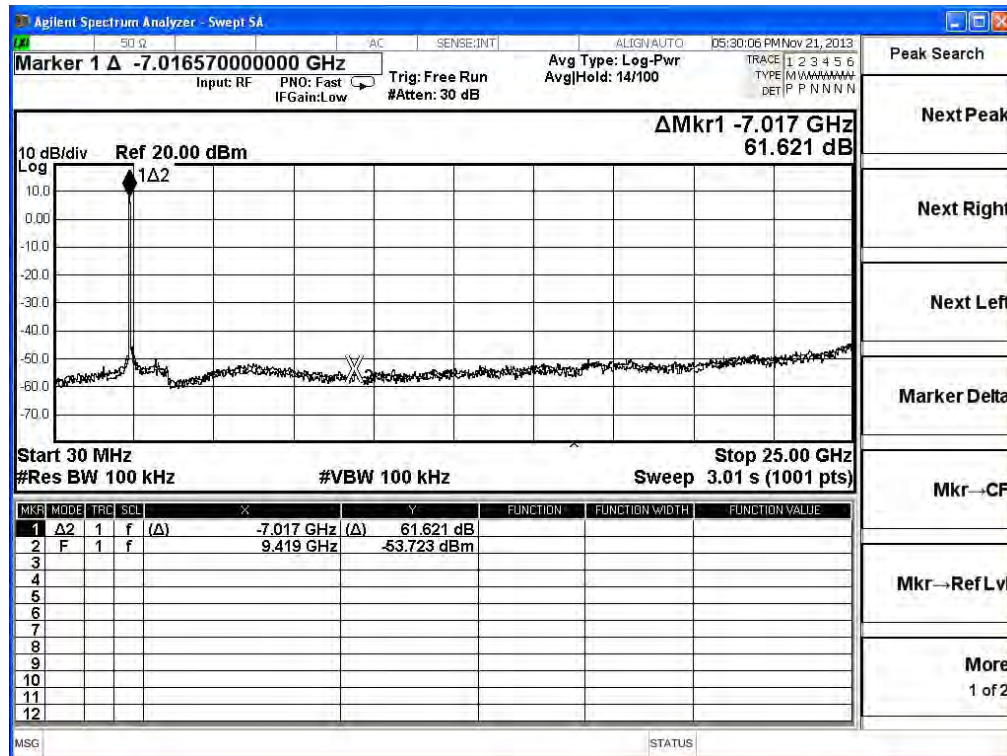


Channel 9 (2452MHz)

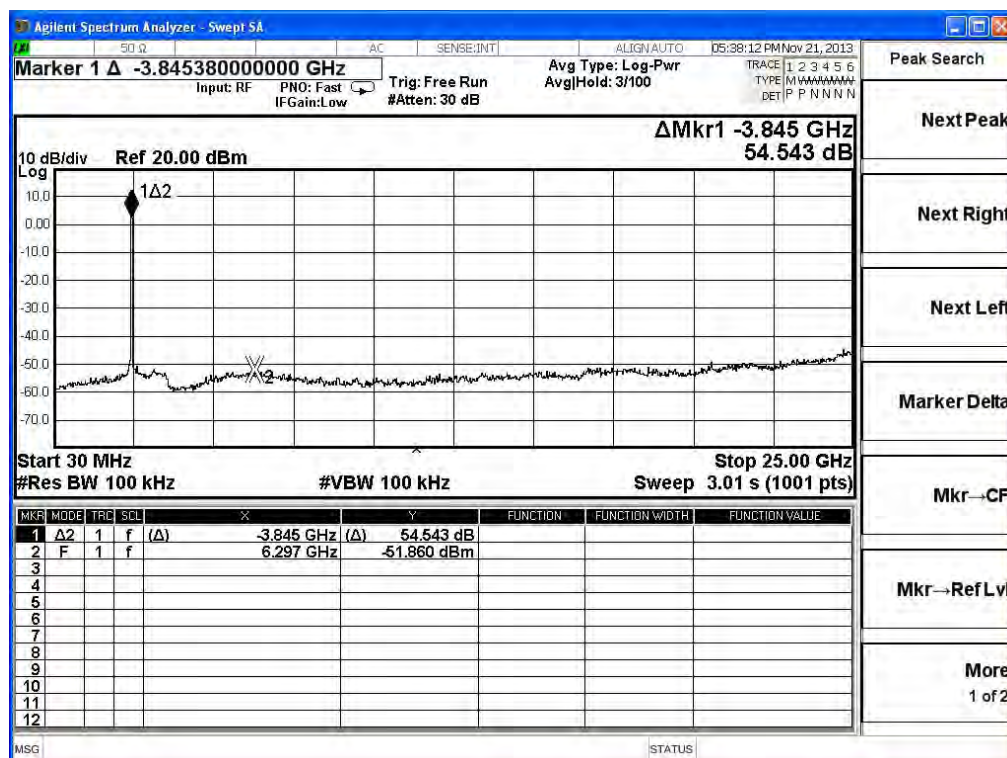


Product	RT-N14UHP High Power Router/AP/Range Extender		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit		
Date of Test	2013/11/15	Test Site	SR7

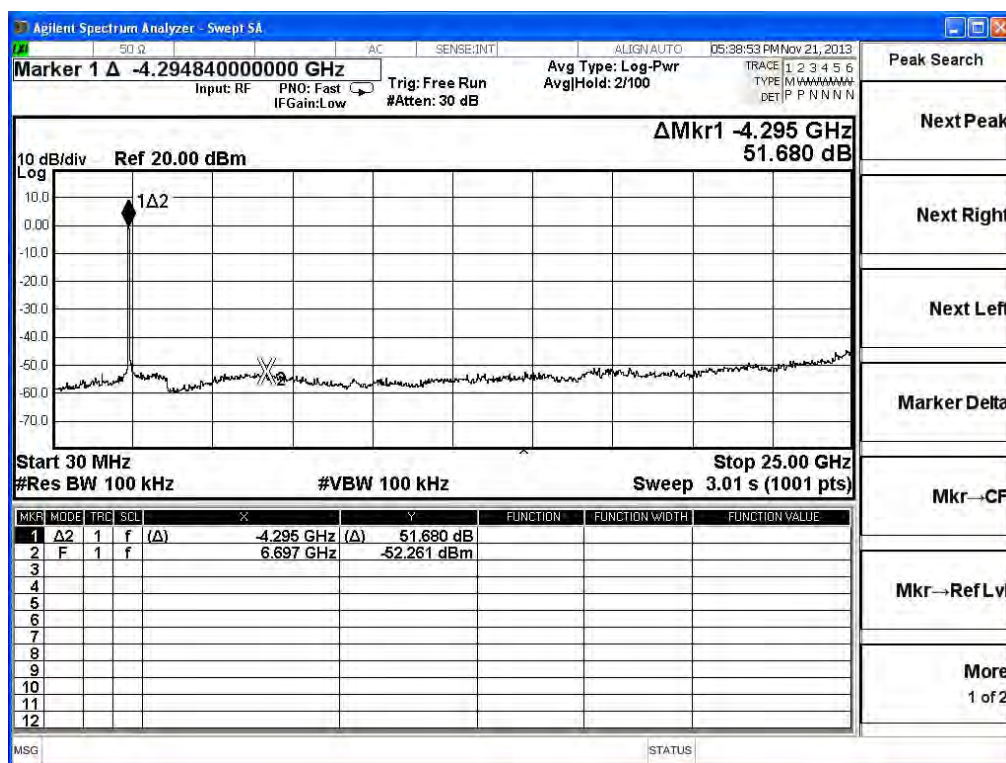
2412MHz (30MHz-25GHz)-802.11b (ANT0)



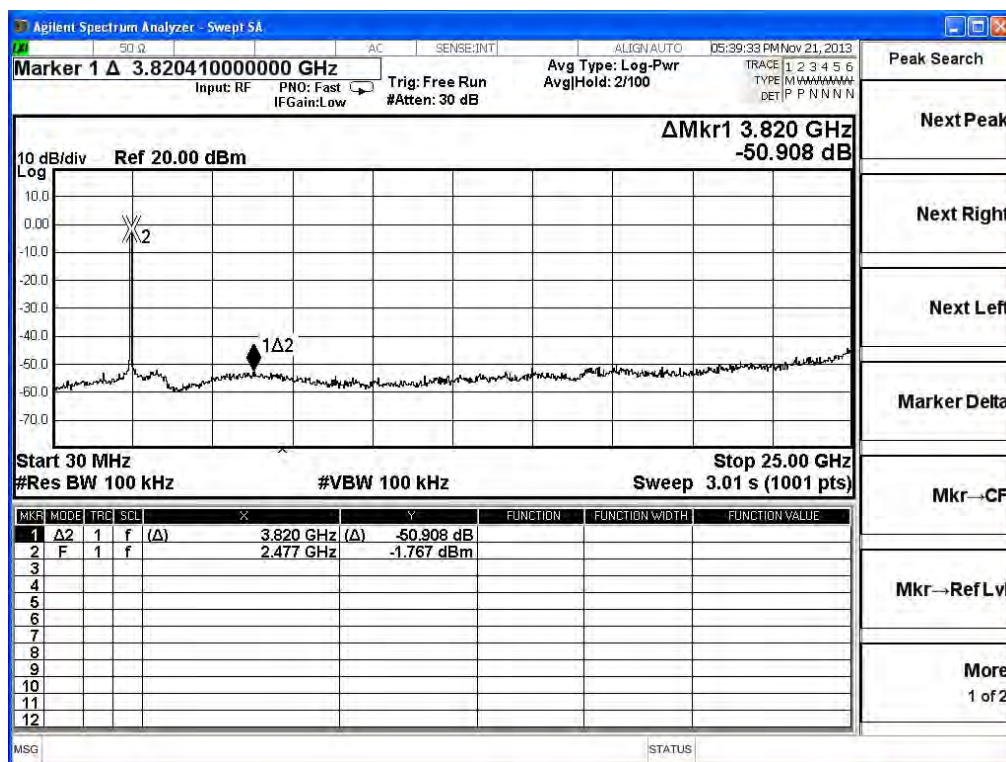
2462MHz (30MHz-25GHz) -802.11b (ANT0)



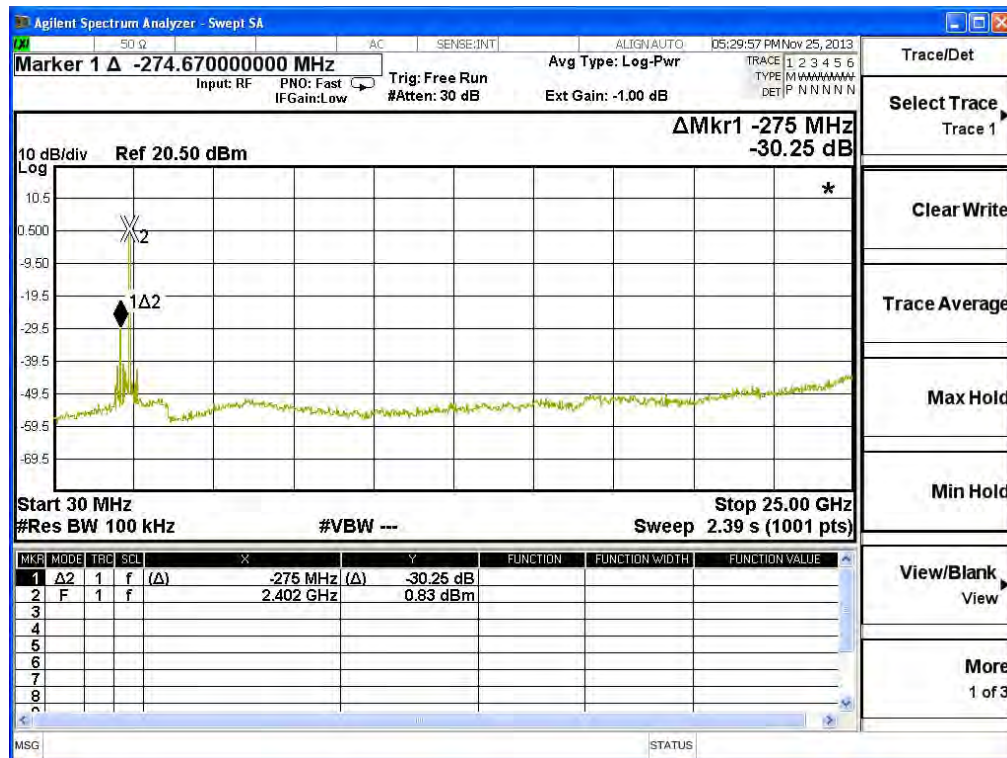
2412MHz (30MHz-25GHz)-802.11g-ANT 0



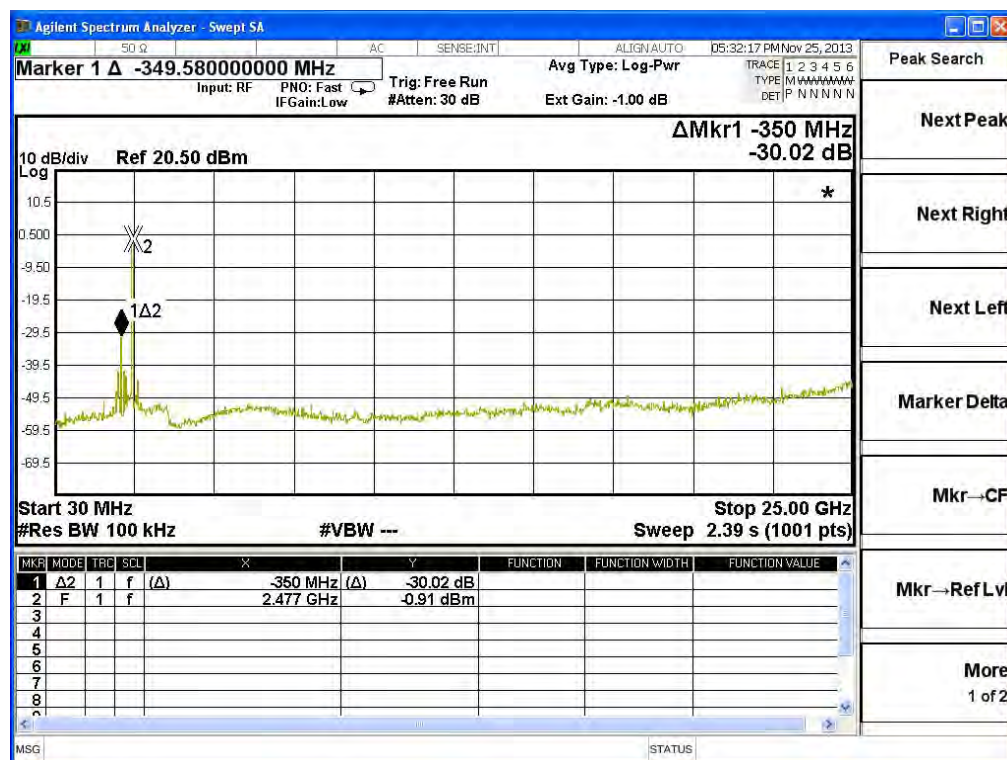
2462MHz (30MHz-25GHz) -802.11g-ANT 0



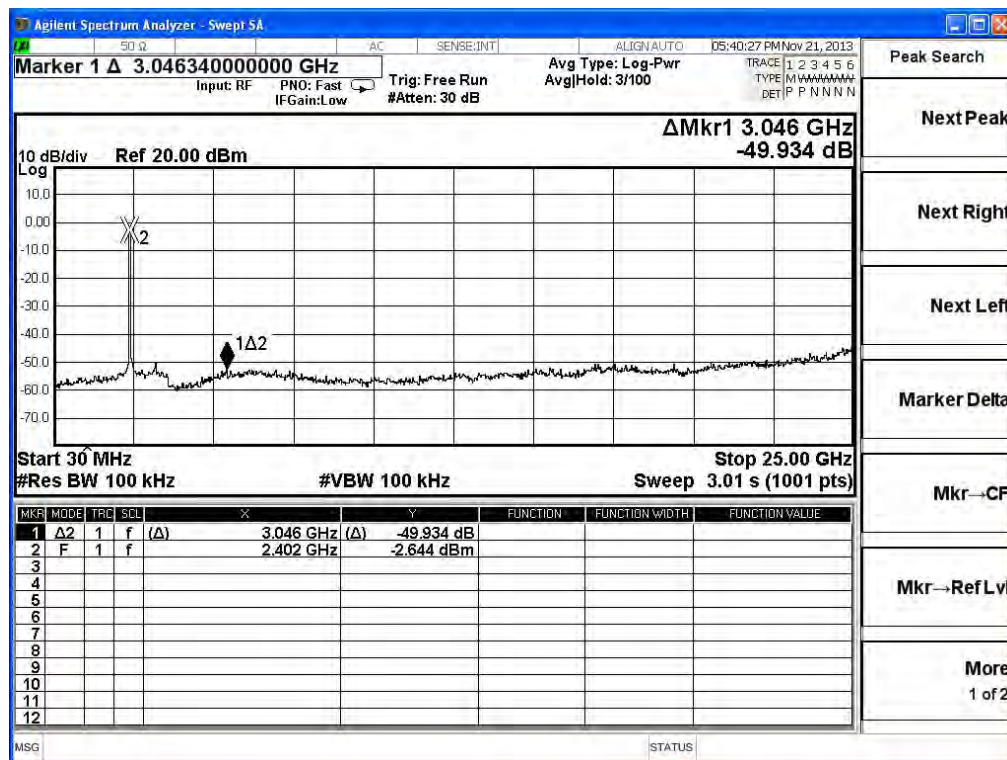
2412MHz (30MHz-25GHz)-802.11g-ANT 1



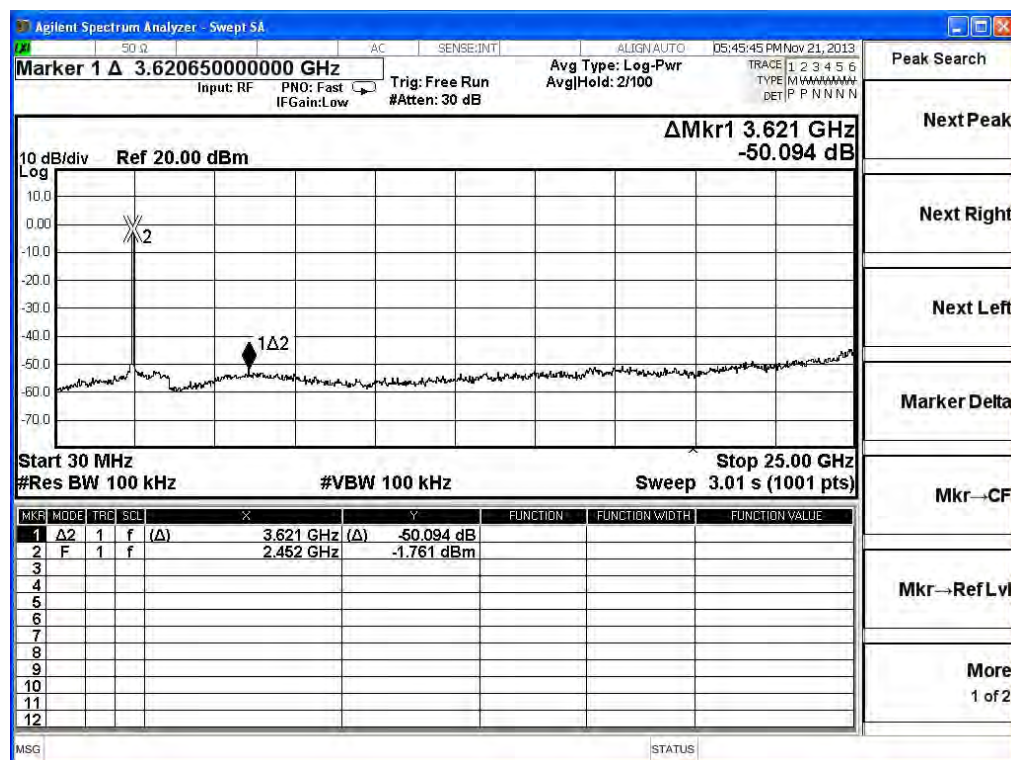
2462MHz (30MHz-25GHz) -802.11g-ANT 1



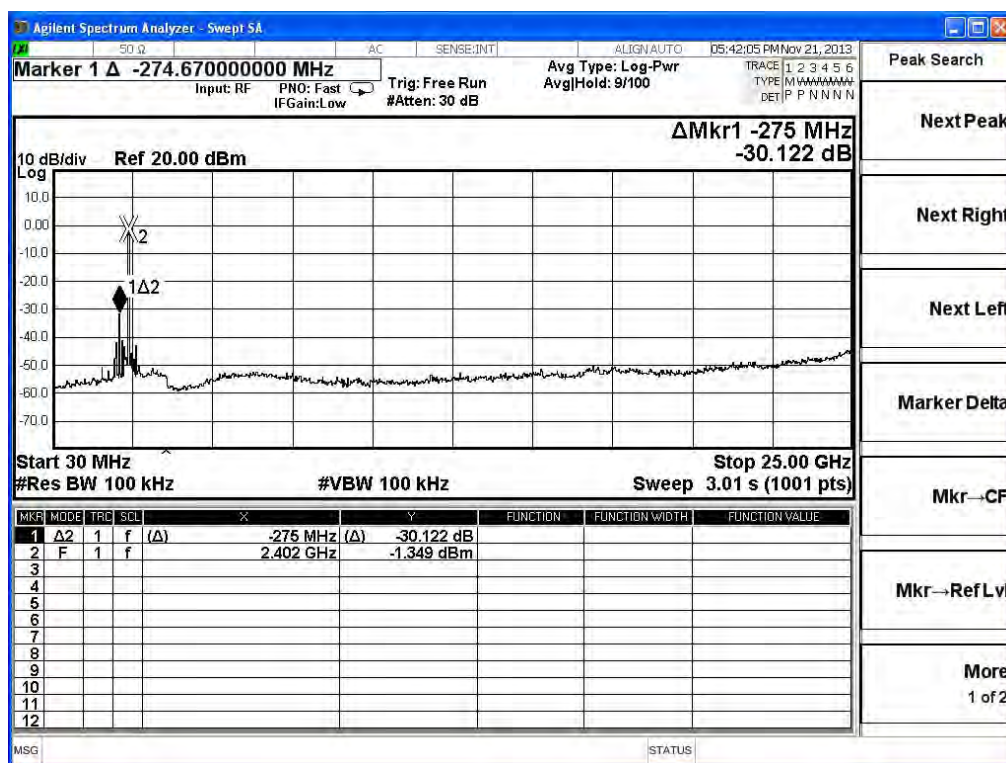
2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0



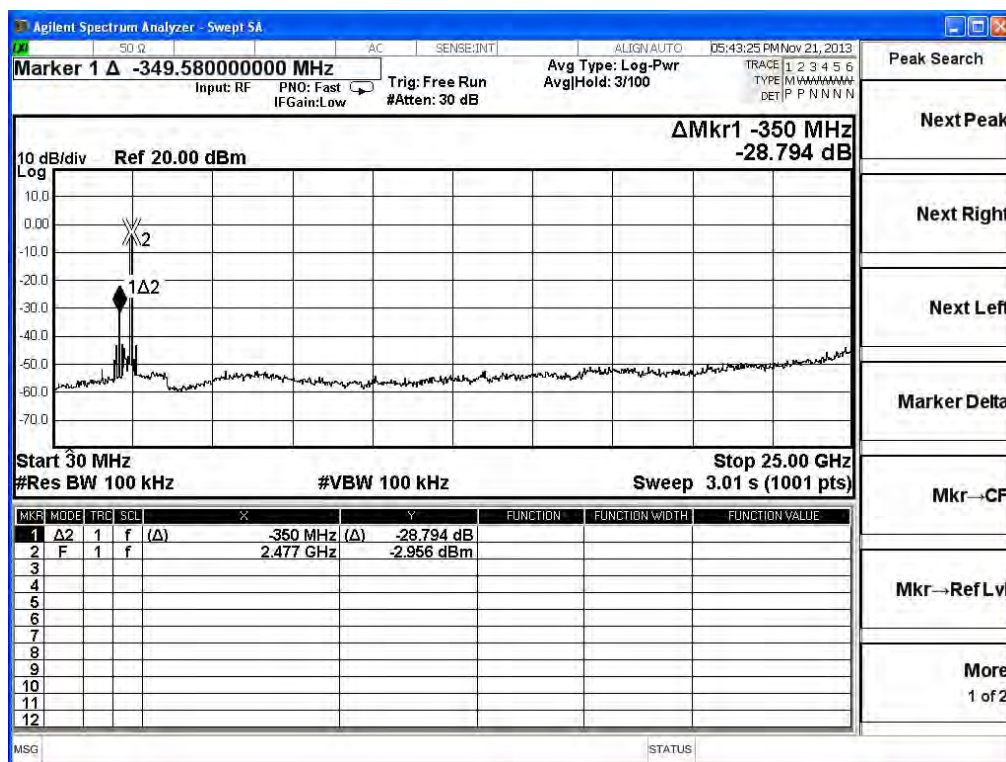
2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 0



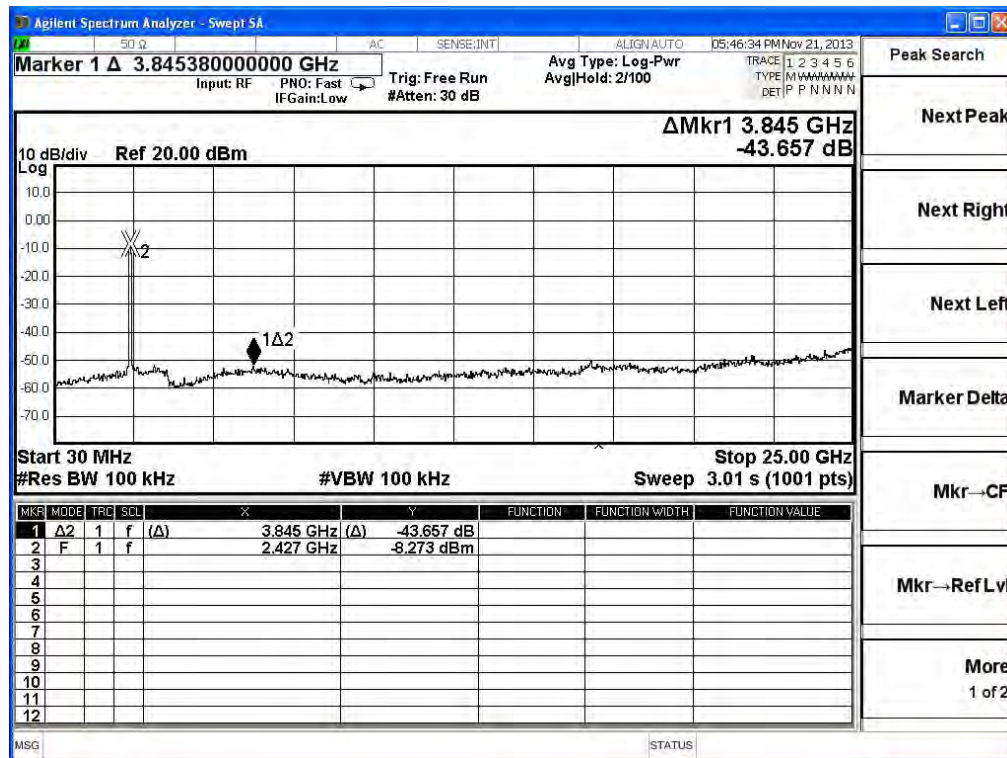
2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 1



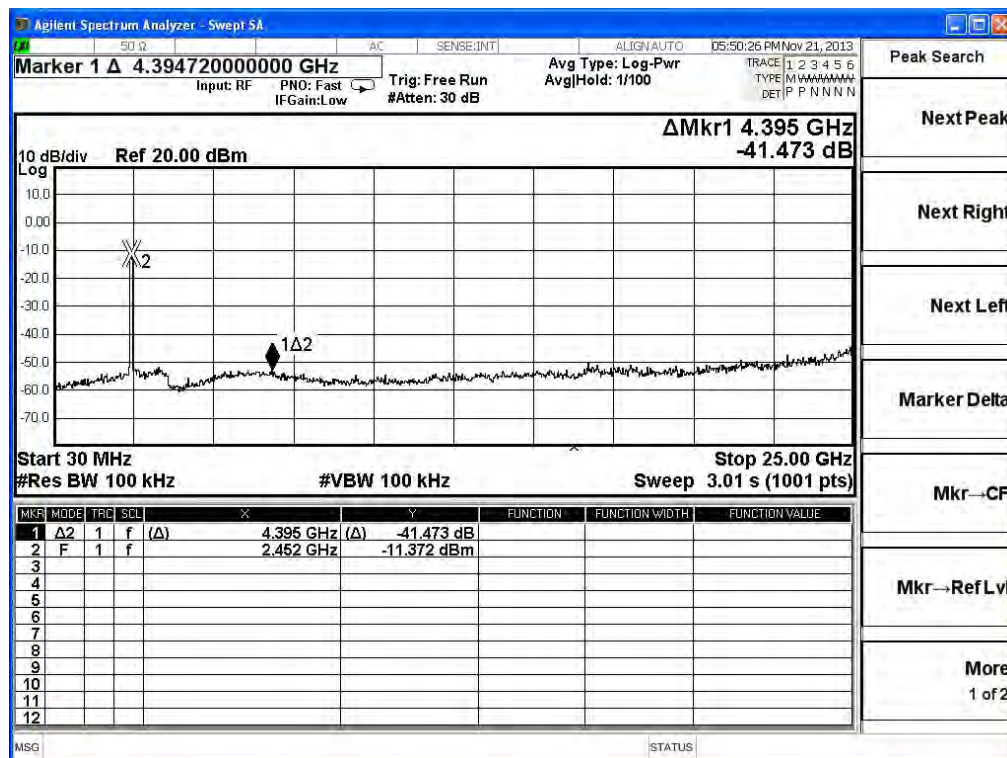
2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 1



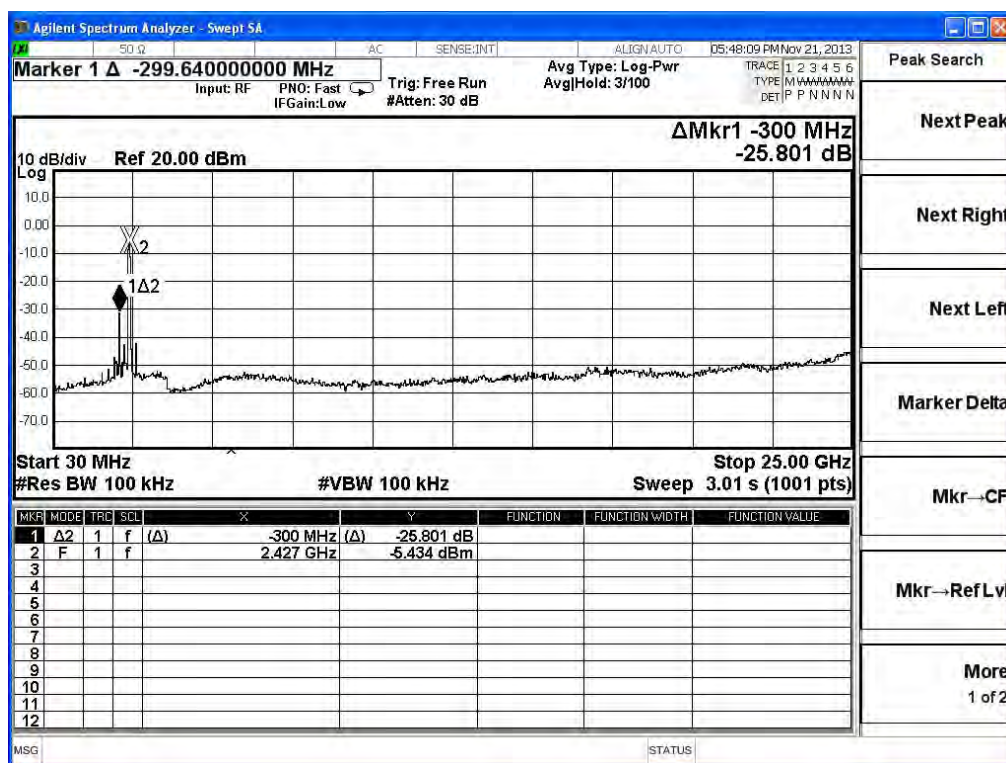
2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 0



2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 1



2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 1

