FCC Test Report

Product Name ： Dual-band Wireless-AC1200 USB Adapter

Trade Name ： ASUS

Model No. ： USB-AC53 Nano

FCC ID. ： MSQ-USBACRN00

Applicant ： ASUSTeK COMPUTER INC.

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

Date of Receipt ： Sep. 05, 2016

Issued Date ： Oct. 07, 2016

Report No. ： 1690125R-RFUSP27V00

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 : Oct. 07, 2016
Report No. : 1690125R-RFUSP27V00

Product Name	:	Dual-band Wireless-AC1200 USB Adapter
Applicant	:	ASUSTeK COMPUTER INC.
Address	:	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	:	ASUSTeK COMPUTER INC.
Model No.	:	USB-AC53 Nano
FCC ID.	:	MSQ-USBACRN00
EUT Voltage	:	DC 5V (Power by Notebook PC)
Testing Voltage	:	DC 5V (Power by Notebook PC)
Trade Name	:	ASUS
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2015 ANSI C63.10: 2013
Test Lab	:	Hsin Chu Laboratory
Test Result	:	Complied

The testresults relate only to the samples tested.
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Documented By : (Carol Tsai / Senior Engineering Adm. Specialist)

Tested By : (Ricky Lee / Engineer)

Approved By : (Roy Wang / Director)

Revision History

Report No.	Version	Description	Issued Date
1690125R-RFUSP27V00	V1.0	Initial issue of report	Oct. 07, 2016

Laboratory Information

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

Taiwan R.O.C.	**:**	**TAF, Accreditation Number: 3024**
USA	**:**	**FCC, Registration Number: 834100**
Canada	**:**	**IC, Submission No: 181665 / IC Registration Number: 4075C-4**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site:http://www.quietek.com/english/about/certificates.aspx?bval=5
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/index_en.aspx
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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TABLE OF CONTENTS

1. General Information

1.1. EUT Description

Product Name	Dual-band Wireless-AC1200 USB Adapter	
Trade Name	ASUS	
Model No.	USB-AC53 Nano	
Frequency Range/ Channel Number	IEEE 802.11b/g IEEE 802.11n (20MHz)	2412~2462MHz / 11 Channels
	IEEE 802.11n (40MHz)	2422~2452MHz / 7 Channels
Type of Modulation	IEEE 802.11b	Direct Sequence Spread Spectrum
	IEEE 802.11g/n	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11b	1, 2, 5.5, 11Mbps
	IEEE 802.11g	6, 9, 18, 24, 36, 48,54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n

Antenna Information	
Antenna Type	Monopole
Antenna Gain	1.81dBi

ANT-TX / RX & Bandwidth

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

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)

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)

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 Dual-band Wireless-AC1200 USB Adapter including 2.4GHz b/g/n (2x2) and 5GHz a/n/ac (2x2) transmitting and receiving function.
2. Regards to the frequency band operation; the lowest、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
3. The function of the 5G transmitting is measured and makes a test report of the number: 1690125R-RFUSP45V00.
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 1690125R-RFUSP01V00.

1.2. Test Mode

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

TX	Mode 1: Transmit_SISO Mode Mode 2: Transmit_CDD Mode

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

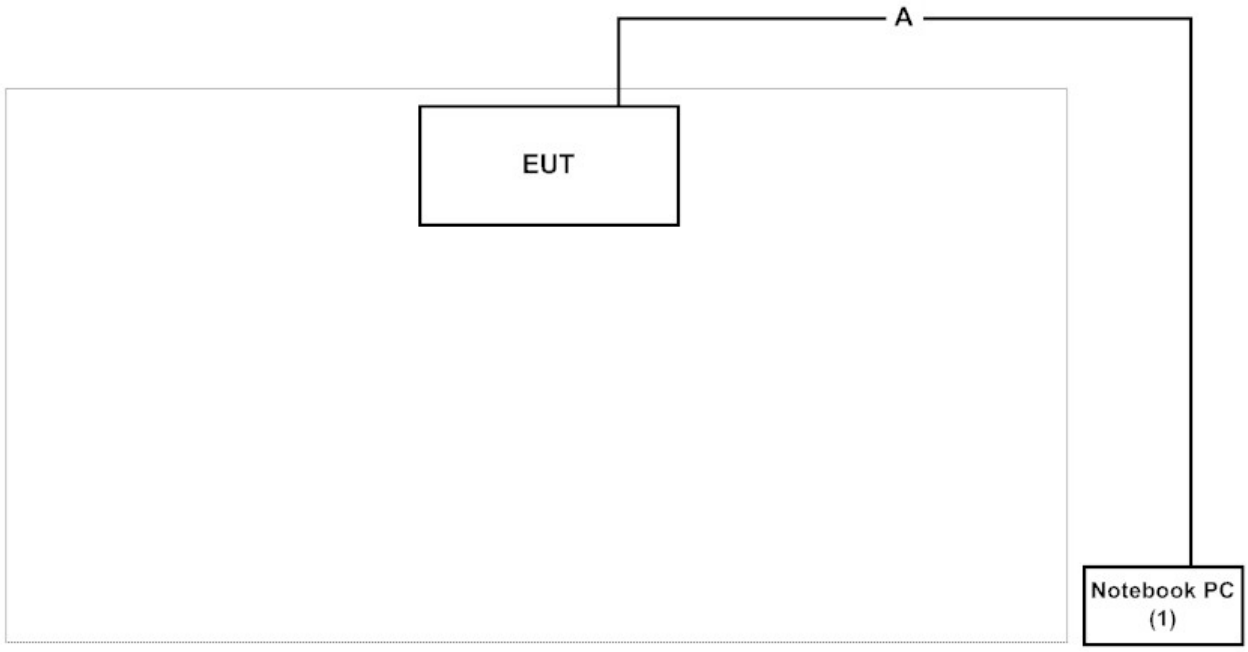
1.3. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Notebook PC	ASUS	X522EP	E5N0CV04 3264197	DoC	Non-Shielded, 1.8m, one ferrite core bonded

1.4. Configuration of tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	USB Cable	Non-Shielded, 2m

1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the test software 8822 BU.
3	Configure the test mode, the test channel, and the data rate.
4	Press “Start TX” to start the continuous transmitting.
5	Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20°C
Humidity (%RH)		25 - 75	50%RH
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output	15 - 35	25°C
Humidity (%RH)		25 - 75	45%RH
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission	15 - 35	25°C
Humidity (%RH)		25 - 75	65%RH
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test	15 - 35	25°C
Humidity (%RH)		25 - 75	45%RH
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge	15 - 35	25°C
Humidity (%RH)		25 - 75	48%RH
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 DTS Bandwidth	15 - 35	25°C
Humidity (%RH)		25 - 75	45%RH
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth	15 - 35	25°C
Humidity (%RH)		25 - 75	45%RH
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density	15 - 35	25°C
Humidity (%RH)		25 - 75	45%RH
Barometric pressure (mbar)		860 - 1060	950-1000

2. Conducted Emission

2.1. Test Equipment

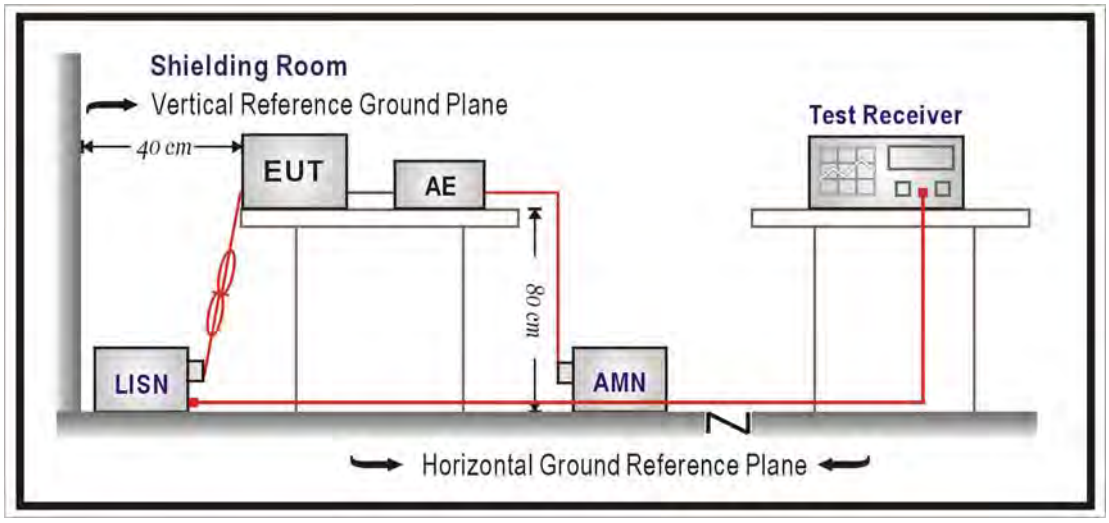
The following test equipments are used during the test:

Conducted Emission / SR2

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	2017/01/20
LISN	R&S	ENV216	100092	2017/08/16
Test Receiver	R&S	ESCS 30	825442/014	2017/06/29

Note: 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

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

2.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 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

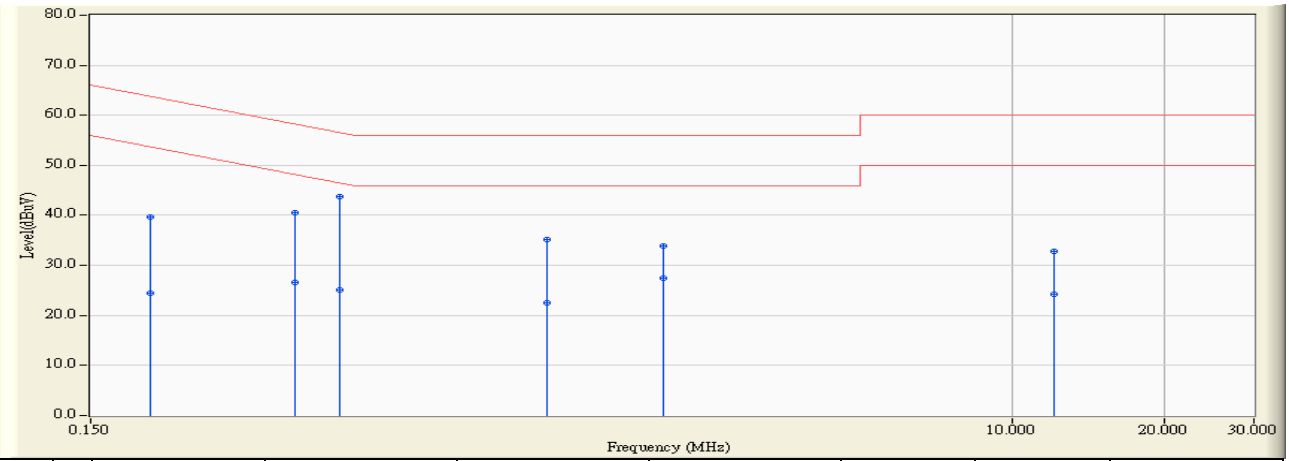
According to FCC Part 15 Subpart C Paragraph 15.207: 2015

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2	**Time : 2016/12/02 - 14:45**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-6_0817 - Line1	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode**

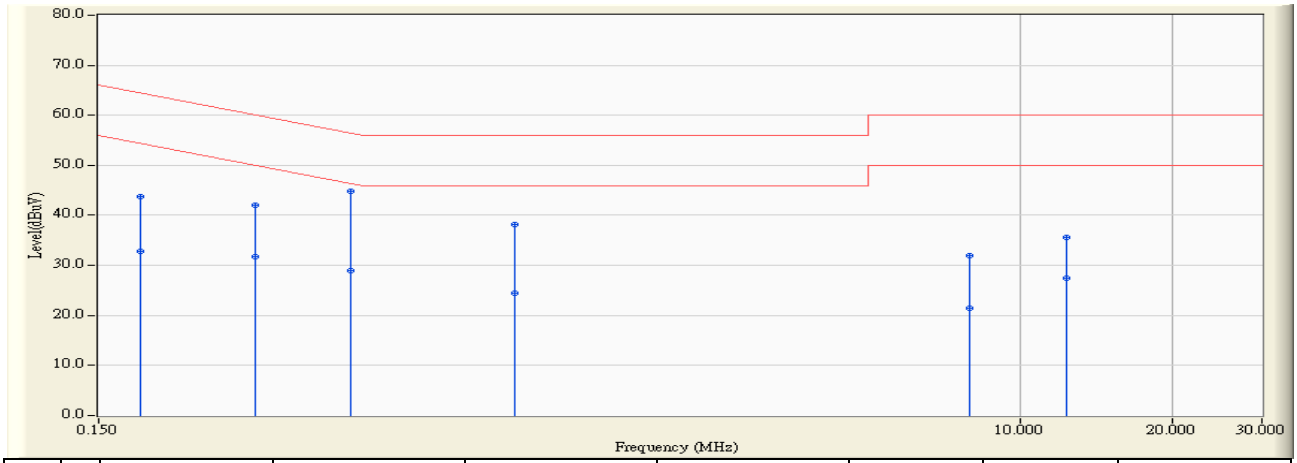


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.197	9.572	30.060	39.632	-24.109	63.741	QUASIPEAK
2		0.197	9.572	14.850	24.422	-29.319	53.741	AVERAGE
3		0.380	9.579	30.900	40.479	-17.790	58.269	QUASIPEAK
4		0.380	9.579	16.950	26.529	-21.740	48.269	AVERAGE
5	*	0.466	9.581	34.240	43.821	-12.757	56.578	QUASIPEAK
6		0.466	9.581	15.530	25.111	-21.467	46.578	AVERAGE
7		1.197	9.592	25.620	35.212	-20.788	56.000	QUASIPEAK
8		1.197	9.592	12.910	22.502	-23.498	46.000	AVERAGE
9		2.033	9.600	24.320	33.920	-22.080	56.000	QUASIPEAK
10		2.033	9.600	17.820	27.420	-18.580	46.000	AVERAGE
11		12.064	9.925	22.820	32.746	-27.254	60.000	QUASIPEAK
12		12.064	9.925	14.380	24.306	-25.694	50.000	AVERAGE

Note:

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

Site : SR2	**Time : 2016/12/02 - 14:50**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-6_0817 - Line2	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.181	9.570	34.180	43.750	-20.678	64.428	QUASIPEAK
2		0.181	9.570	23.320	32.890	-21.538	54.428	AVERAGE
3		0.306	9.570	32.540	42.110	-17.962	60.072	QUASIPEAK
4		0.306	9.570	22.180	31.750	-18.322	50.072	AVERAGE
5	*	0.474	9.572	35.340	44.912	-11.527	56.440	QUASIPEAK
6		0.474	9.572	19.470	29.042	-17.397	46.440	AVERAGE
7		0.998	9.590	28.600	38.190	-17.810	56.000	QUASIPEAK
8		0.998	9.590	14.850	24.440	-21.560	46.000	AVERAGE
9		7.939	9.781	22.200	31.980	-28.020	60.000	QUASIPEAK
10		7.939	9.781	11.660	21.440	-28.560	50.000	AVERAGE
11		12.353	9.982	25.680	35.662	-24.338	60.000	QUASIPEAK
12		12.353	9.982	17.540	27.522	-22.478	50.000	AVERAGE

Note:

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

3. Peak Power Output

3.1. Test Equipment

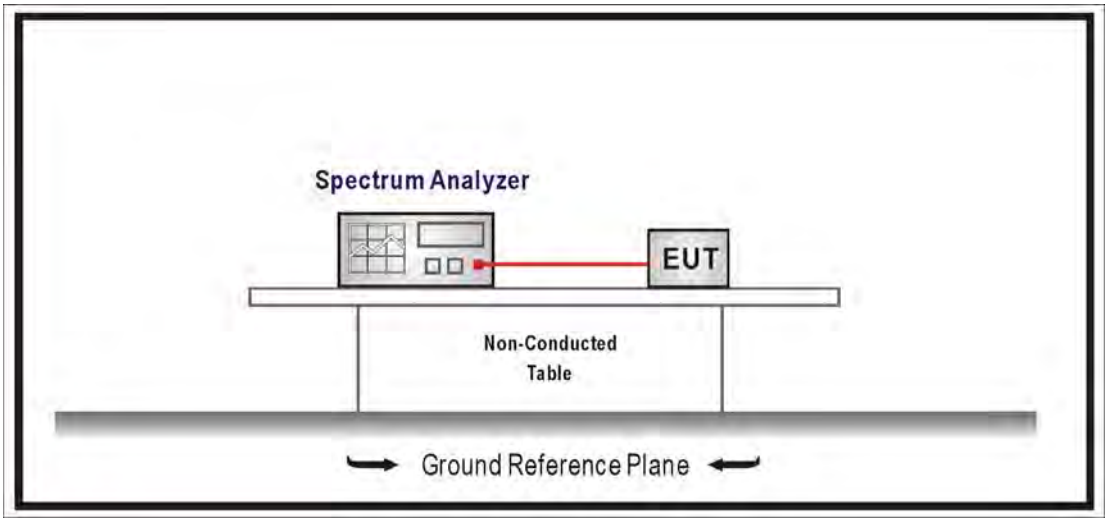
The following test equipments are used during the test:

Peak Power Output / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08
Signal & Spectrum Analyzer	R&S	FSV40	101049	2017/01/05
Signal Analyzer	R&S	FSV7	101650	2017/11/15

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

3.2. Test Setup



3.3. Test procedures

The EUT was tested according to DTS test procedure section 9.1.2 of KDB558074 v03r05 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: 2015

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/21	Test Site	SR7

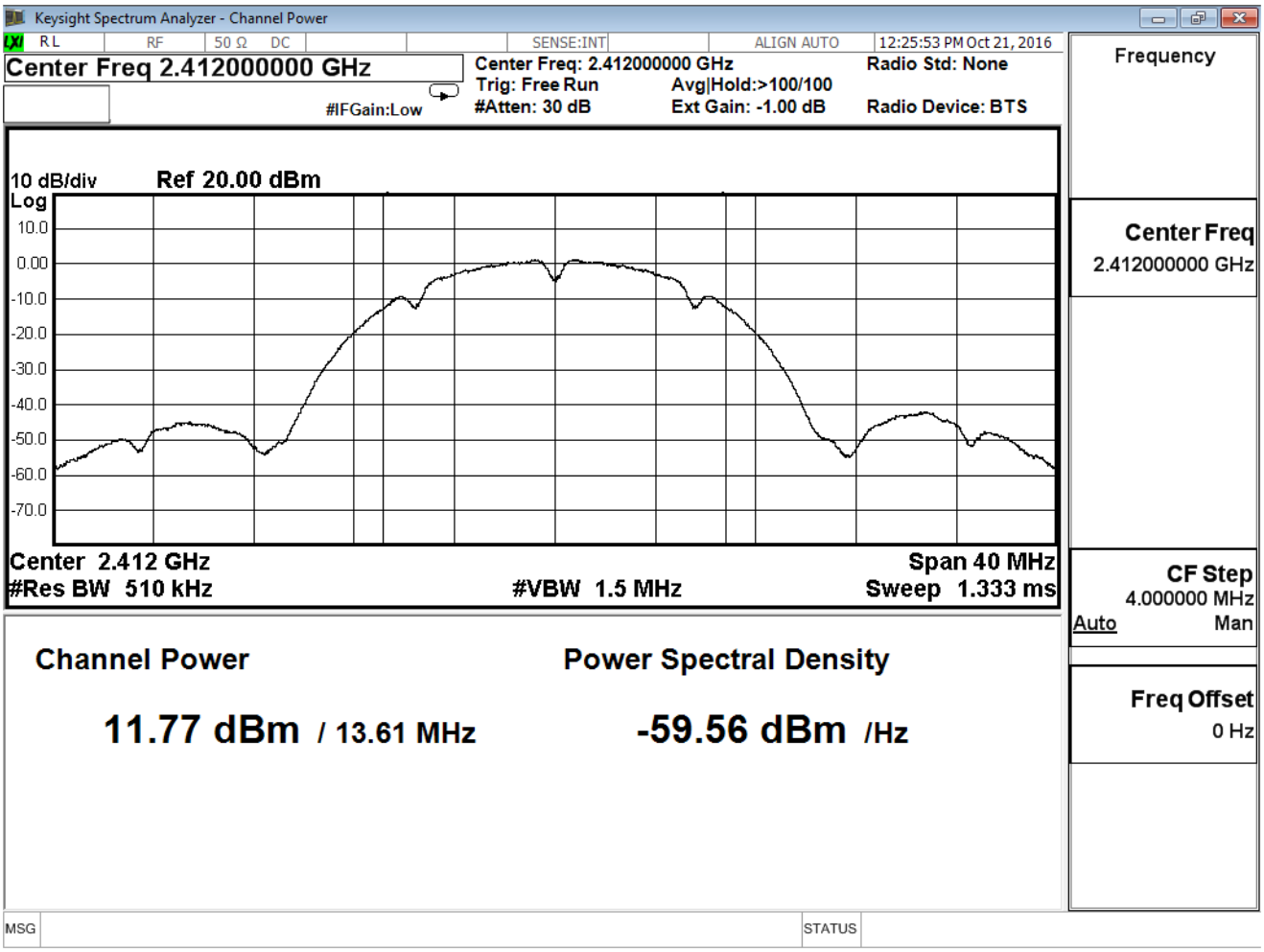
IEEE 802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	11.77	≦30
6	2437	11.86	≦30
11	2462	11.63	≦30

The worst emission of data rate is 1 Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	11.77	--	--	--	≦30dB
6	2437	11.86	11.74	11.67	11.62	
11	2462	11.63	--	--	--	

Channel 1


Keysight Spectrum Analyzer - Channel Power
RL
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
12:25:53 PM Oct 21, 2016
Center Freq 2.412000000 GHz
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#IFGain:Low
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 20.00 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center Freq
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Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
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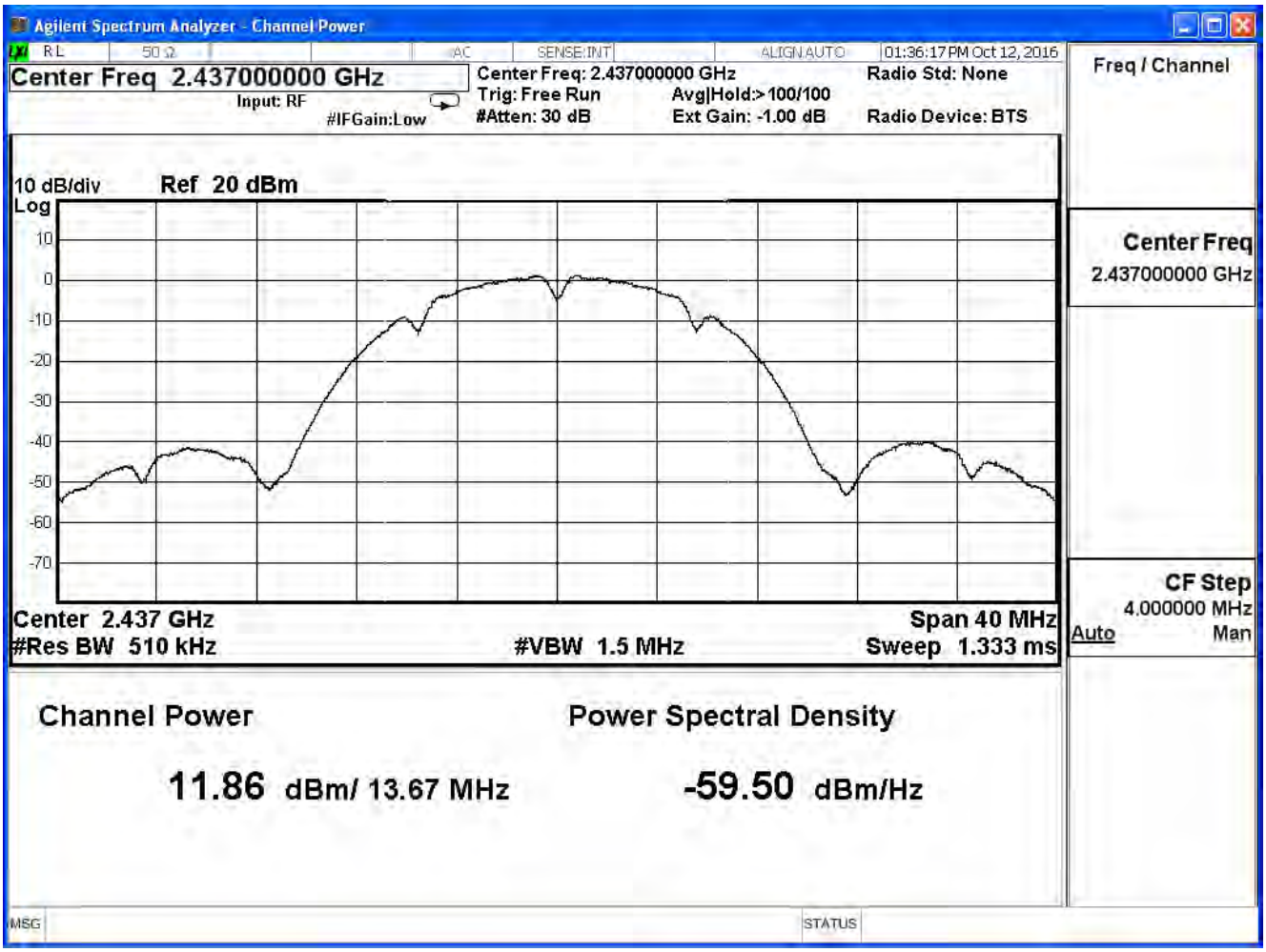
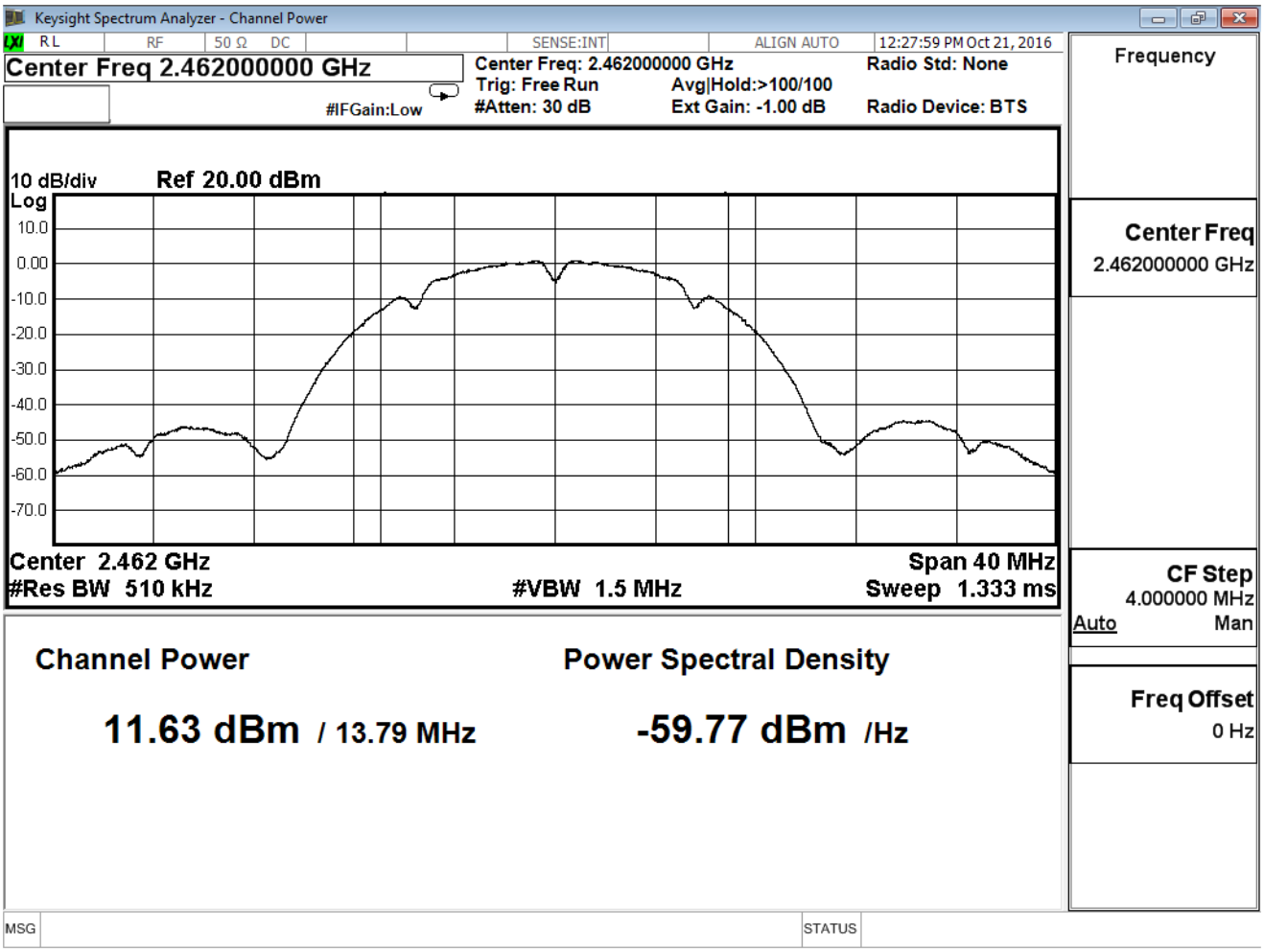
Freq Offset
0 Hz
MSG
STATUS

Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:36:17 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
11.86 dBm/ 13.67 MHz
Power Spectral Density
-59.50 dBm/Hz
MSG
STATUS

Channel 11


Keysight Spectrum Analyzer - Channel Power
RL
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
12:27:59 PM Oct 21, 2016
Center Freq 2.462000000 GHz
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#IFGain:Low
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 20.00 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
11.63 dBm / 13.79 MHz
Power Spectral Density
-59.77 dBm /Hz
Freq Offset
0 Hz
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/11/15	Test Site	SR7

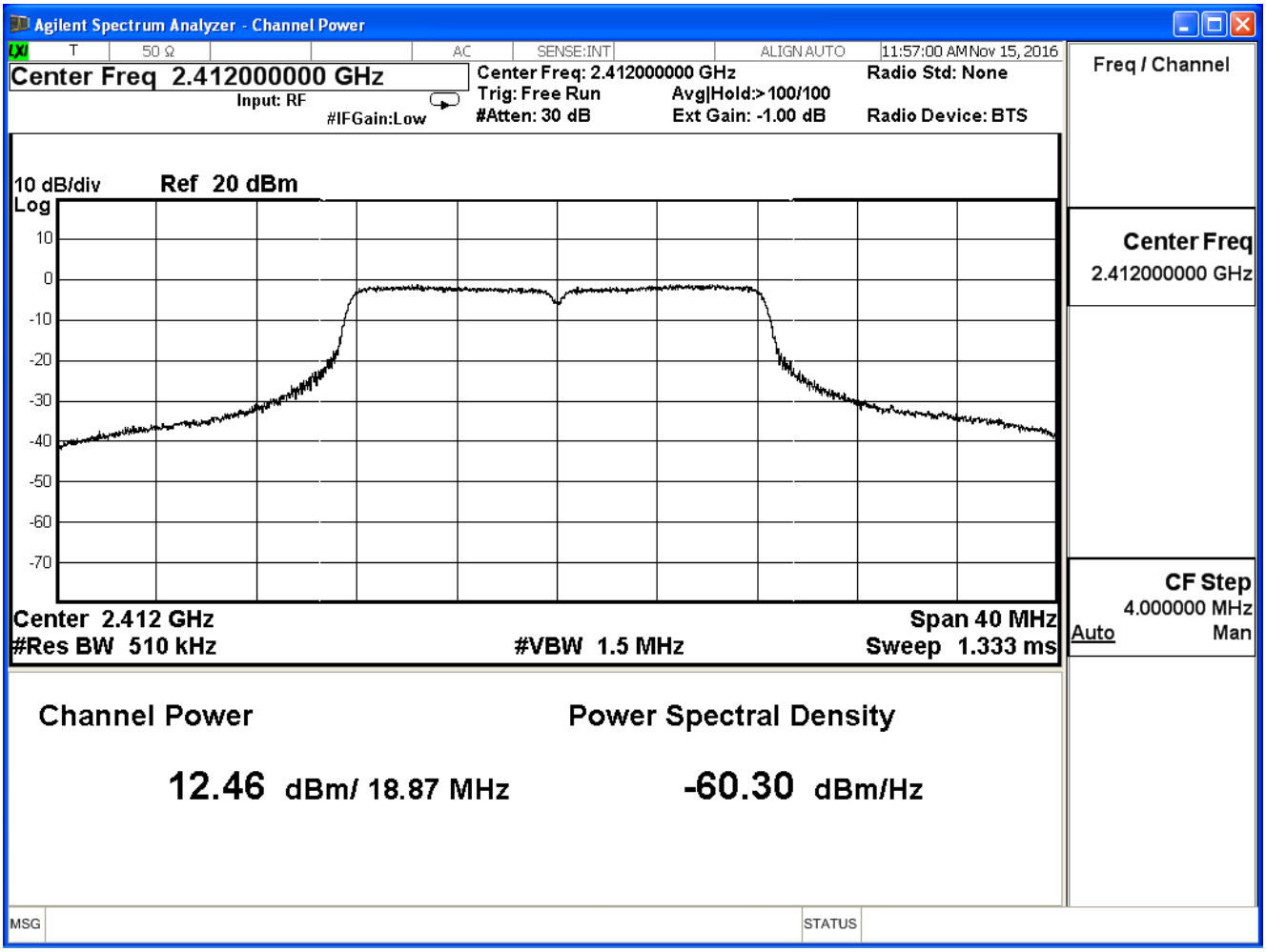
IEEE 802.11g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	12.46	≦30
6	2437	12.55	≦30
11	2462	12.44	≦30

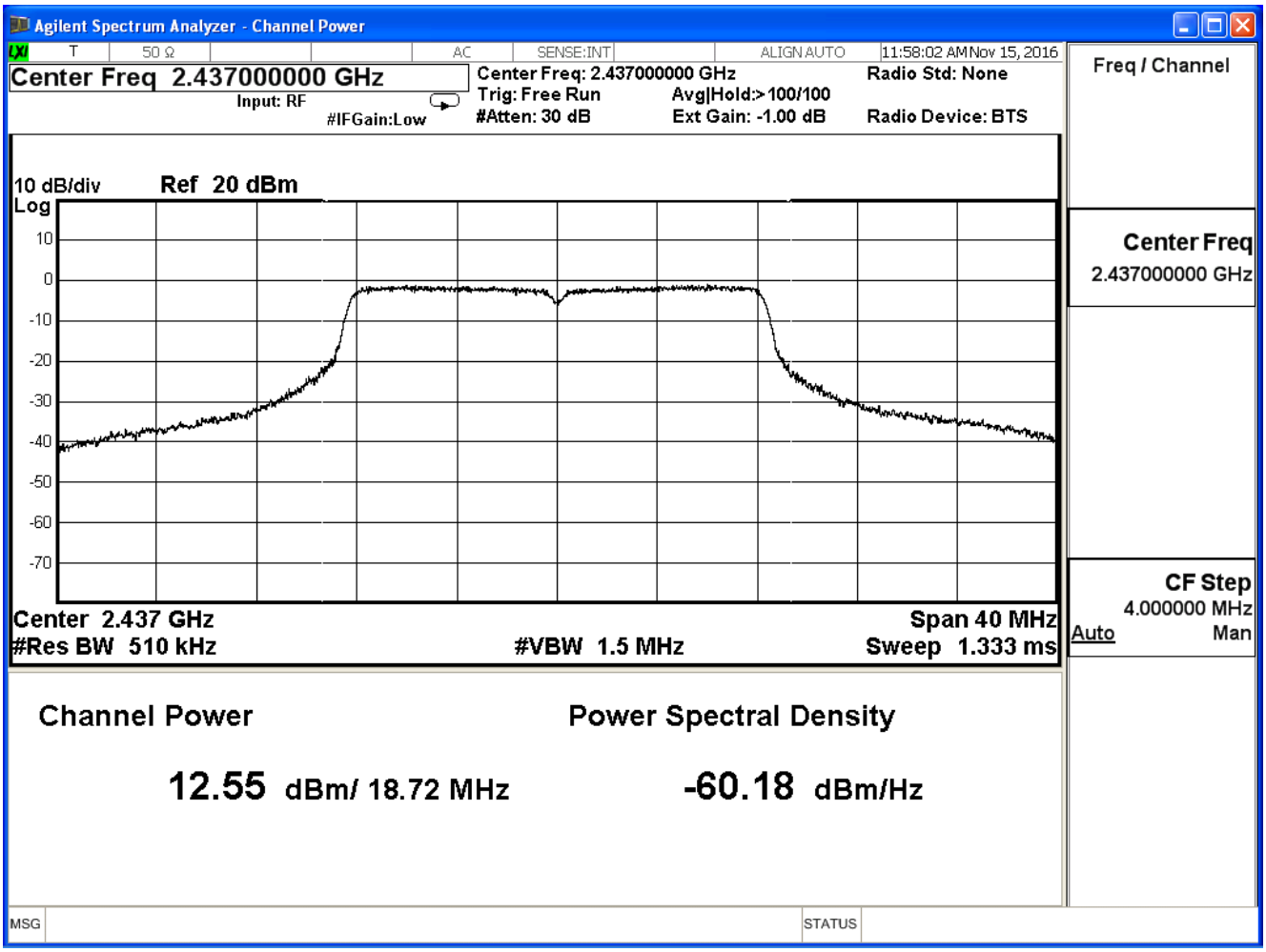
The worst emission of data rate is 6 Mbps

Peak Power Output (dBm)										
Channel No	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
1	2412	12.46	--	--	--	--	--	--	--	≦30dB
6	2437	12.55	12.51	12.46	12.40	12.37	12.33	12.28	12.22	
11	2462	12.44	--	--	--	--	--	--	--	

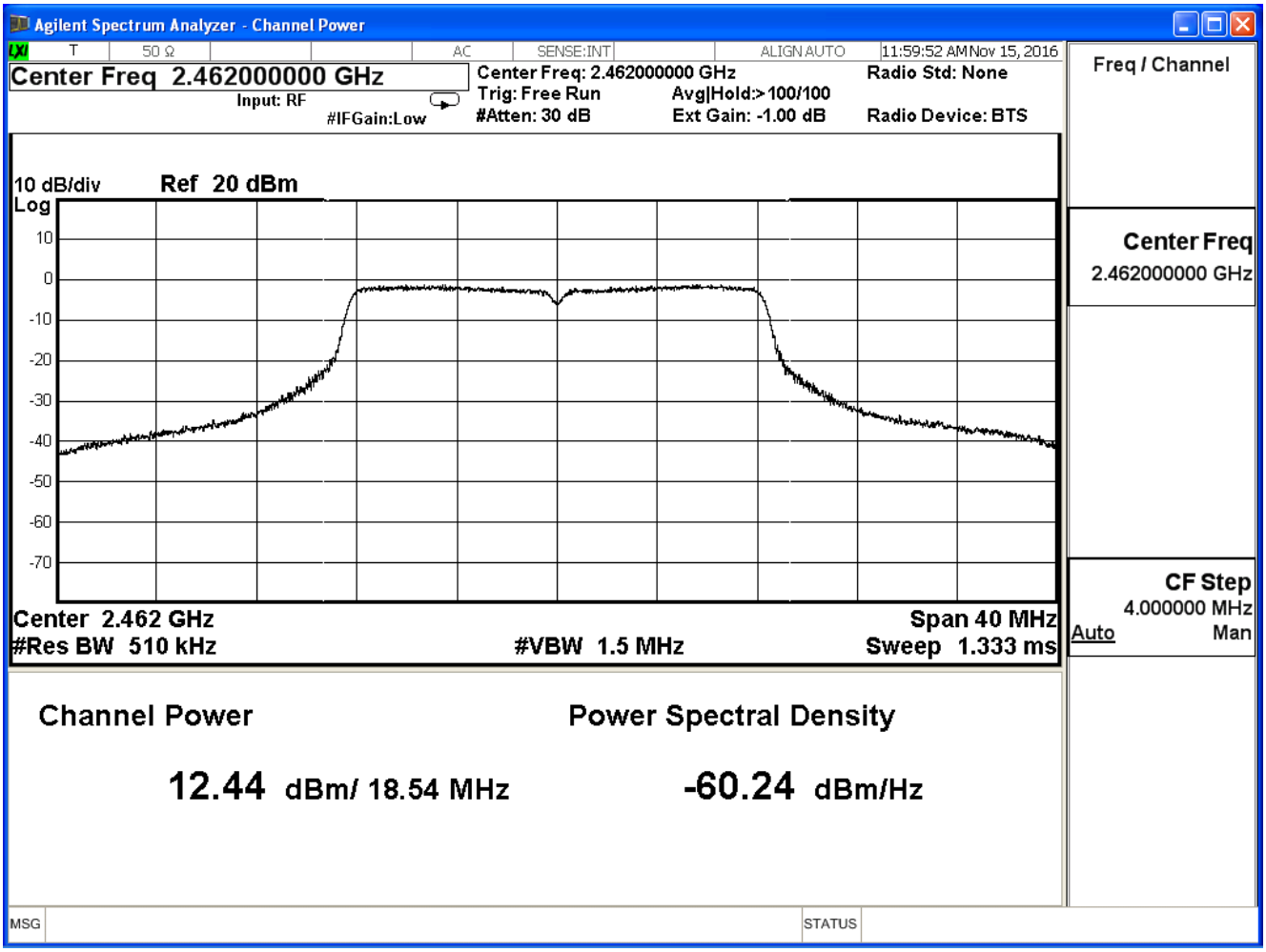
Channel 1


Agilent Spectrum Analyzer - Channel Power
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
11:57:00 AM Nov 15, 2016
Freq / Channel
Center Freq
2.412000000 GHz
CF Step
4.000000 MHz
Auto
Man
10 dB/div
Log
Ref 20 dBm
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
12.46 dBm/ 18.87 MHz
Power Spectral Density
-60.30 dBm/Hz
MSG
STATUS

Channel 6


Agilent Spectrum Analyzer - Channel Power
T
50 Ω
AC
SENSE:INT
ALIGN AUTO
11:58:02 AM Nov 15, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
12.55 dBm/ 18.72 MHz
Power Spectral Density
-60.18 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
11:59:52 AM Nov 15, 2016
Freq / Channel
Center Freq
2.462000000 GHz
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
12.44 dBm/ 18.54 MHz
Power Spectral Density
-60.24 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

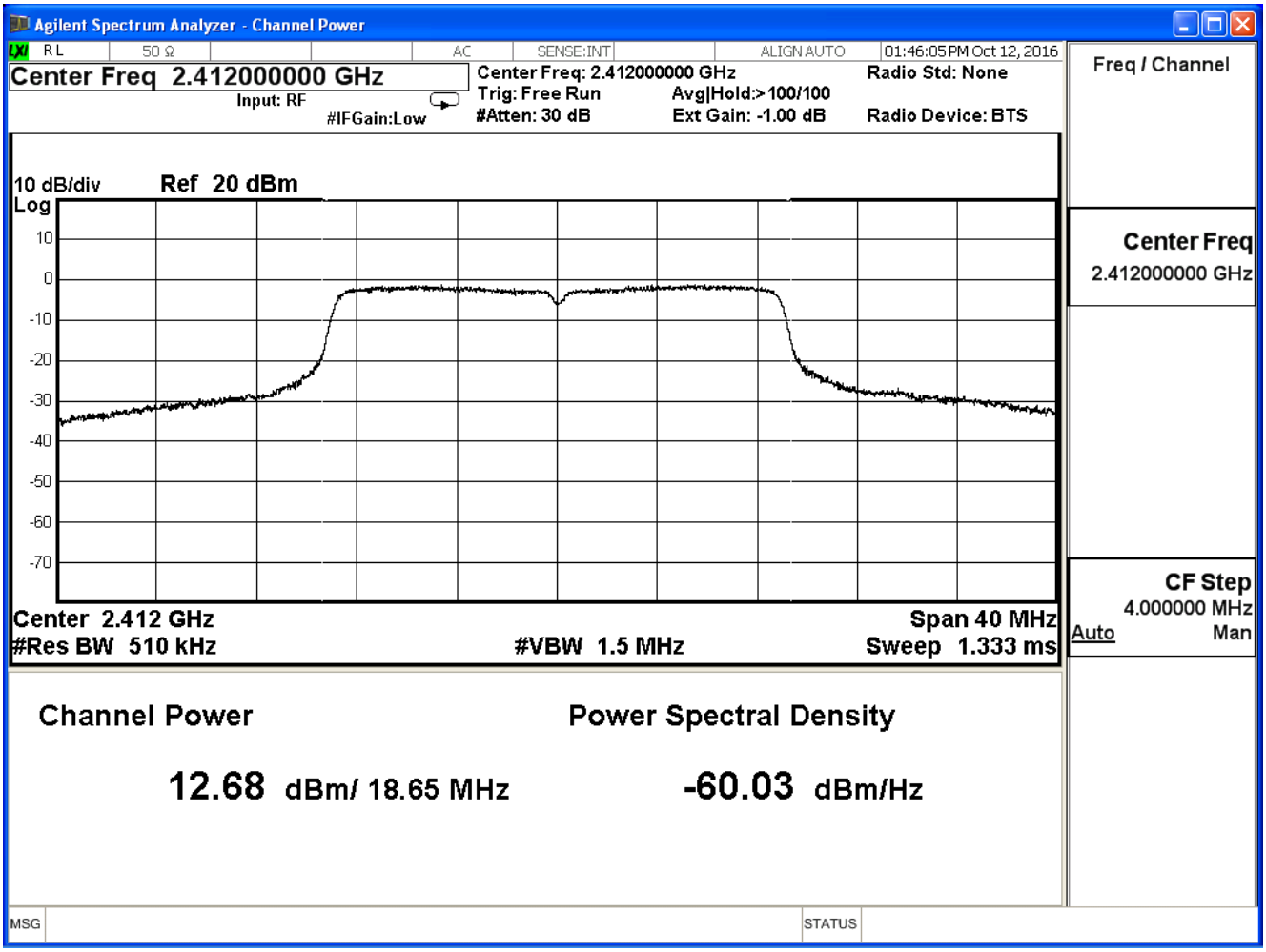
EEE 802.11n_20M (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	12.68	≦30
6	2437	12.71	≦30
11	2462	12.82	≦30

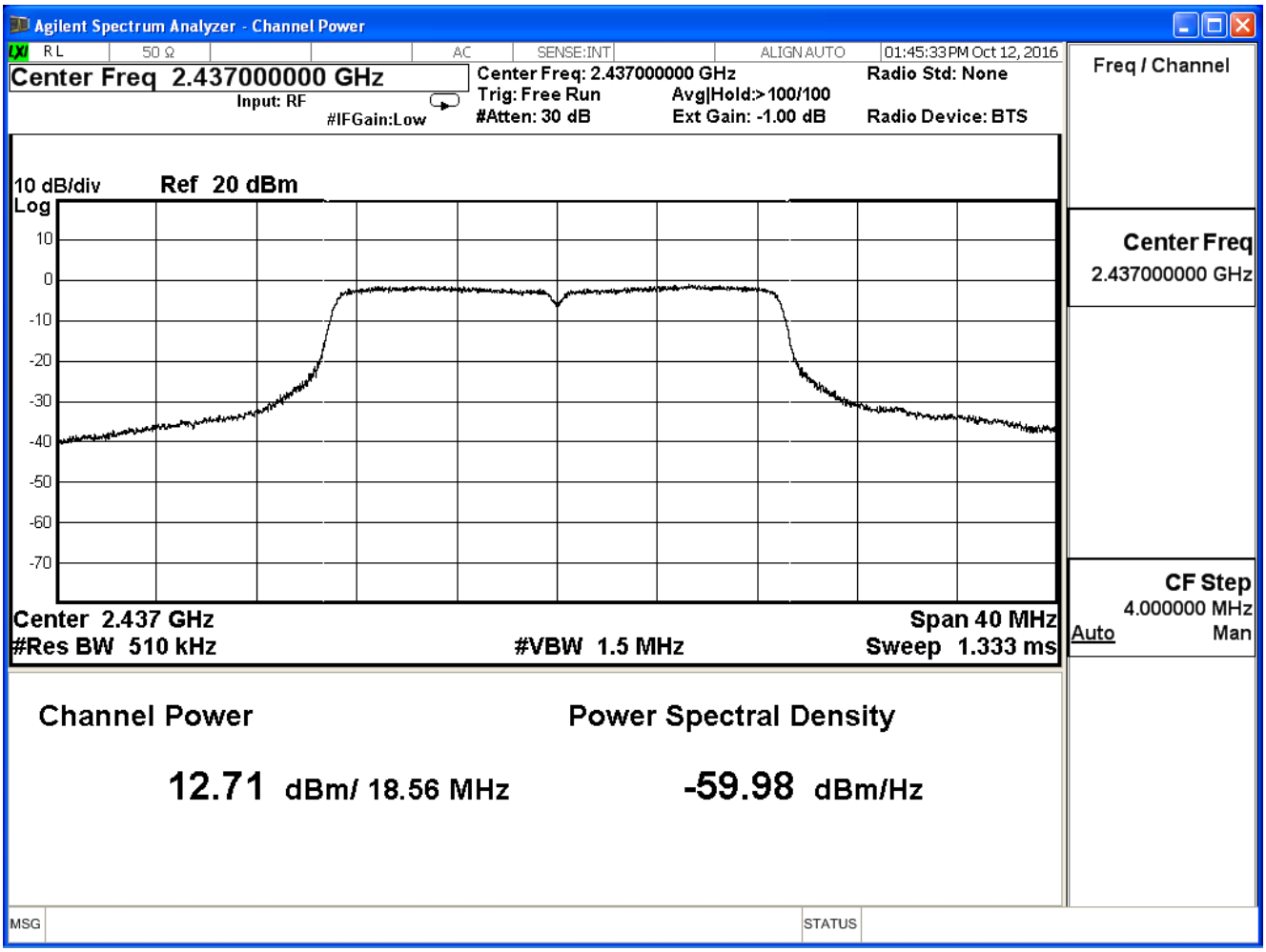
The worst emission of data rate is 6.5 Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	12.68	--	--	--	--	--	--	--	≦30dB
6	2437	12.71	12.67	12.62	12.55	12.5	12.46	12.43	12.38	
11	2462	12.82	--	--	--	--	--	--	--	

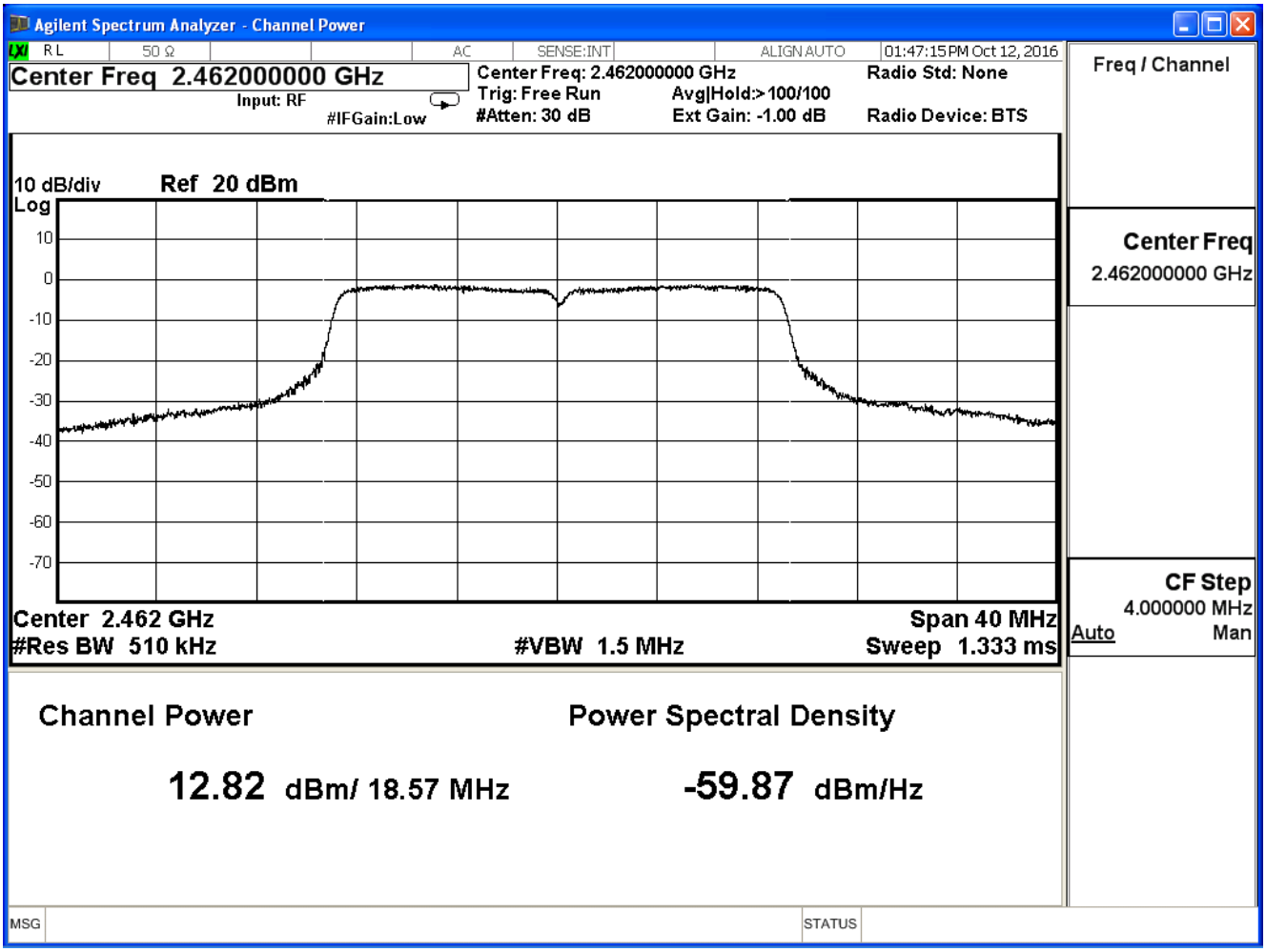
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:46:05 PM Oct 12, 2016
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
12.68 dBm/ 18.65 MHz
Power Spectral Density
-60.03 dBm/Hz
MSG
STATUS

Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:45:33 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
12.71 dBm/ 18.56 MHz
Power Spectral Density
-59.98 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:47:15 PM Oct 12, 2016
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
12.82 dBm/ 18.57 MHz
Power Spectral Density
-59.87 dBm/Hz
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

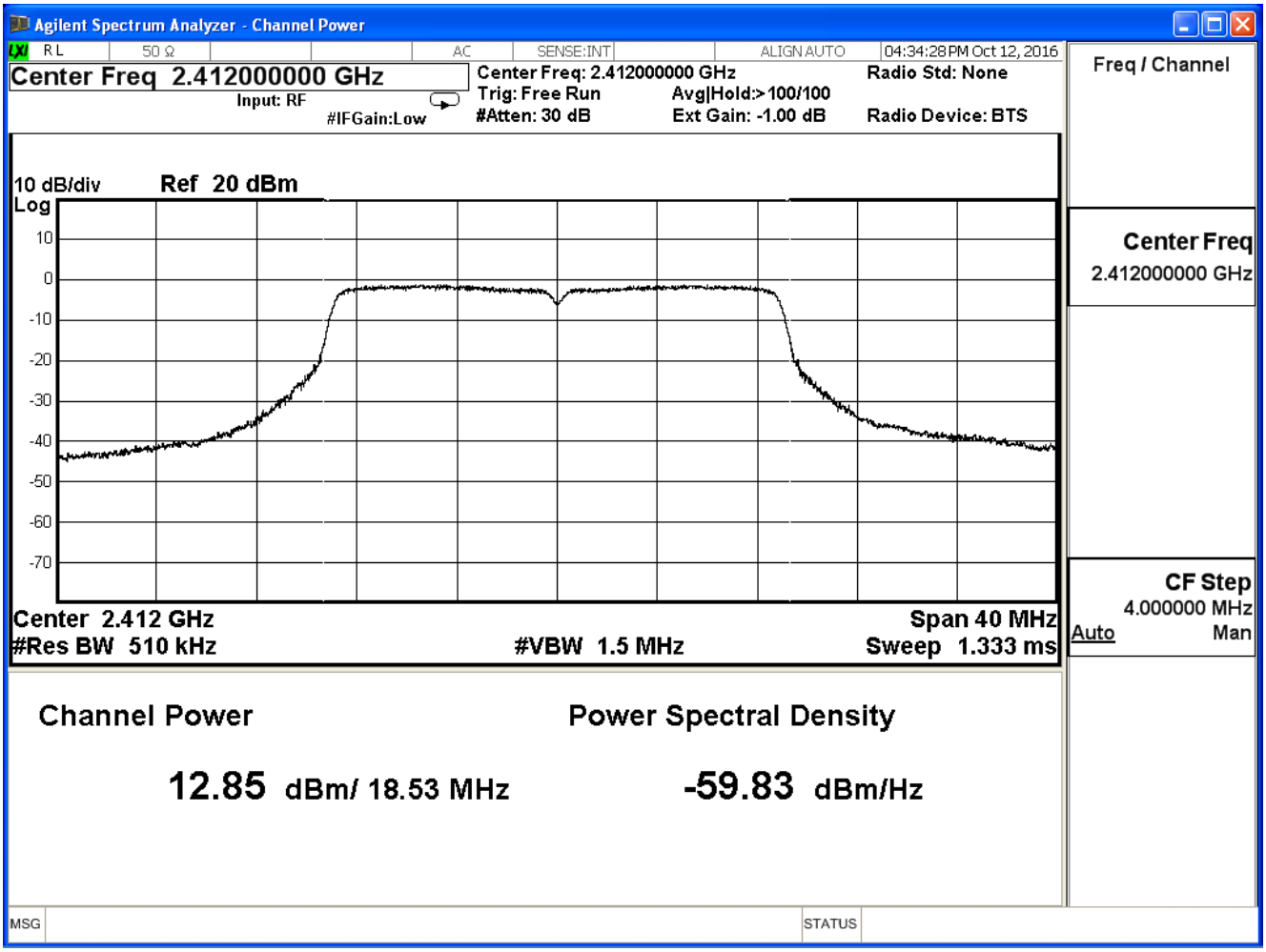
IEEE 802.11n_20M (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	12.85	≦30
6	2437	12.93	≦30
11	2462	12.87	≦30

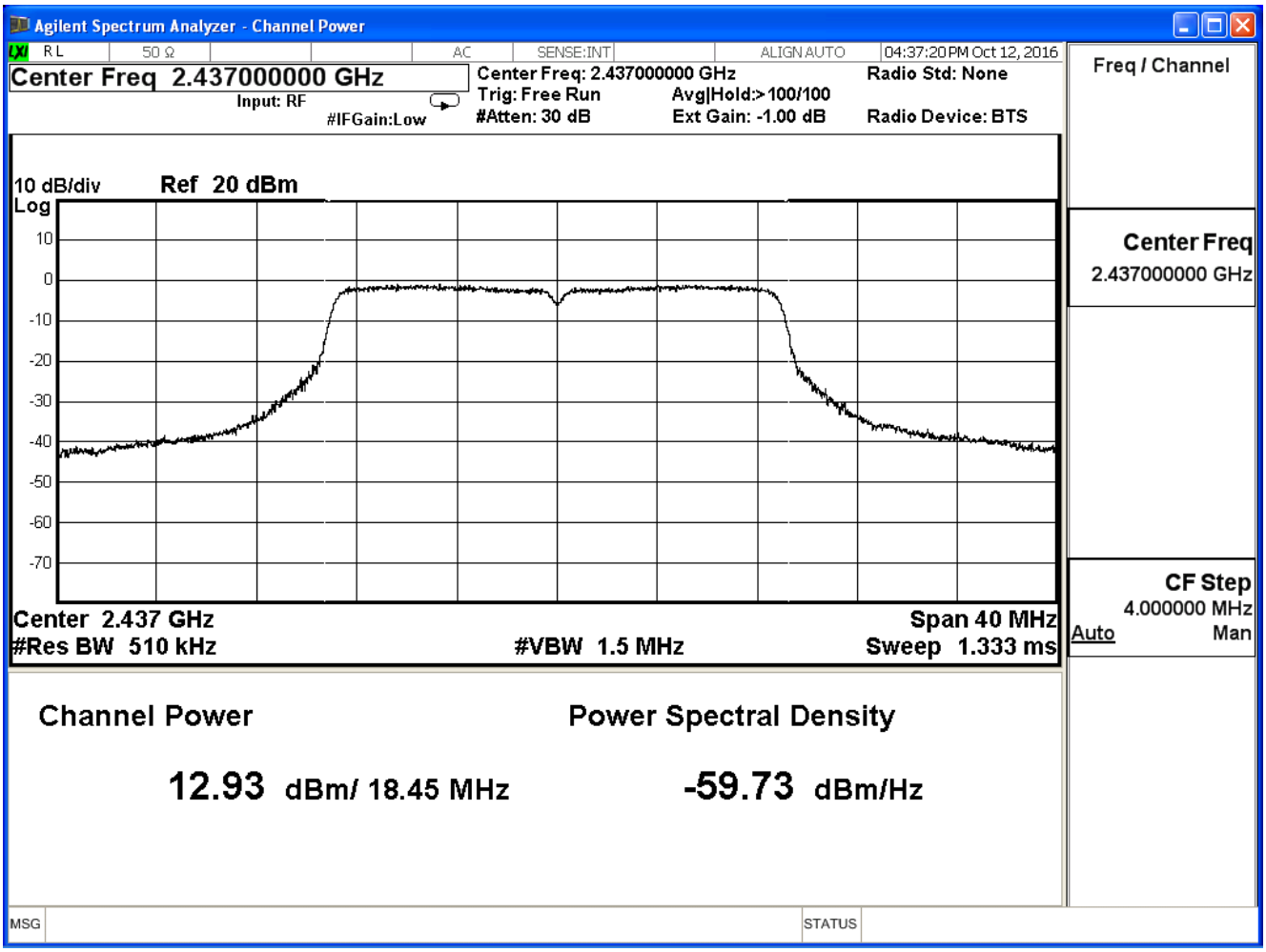
The worst emission of data rate is 6.5 Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	12.85	--	--	--	--	--	--	--	≦30dB
6	2437	12.93	12.87	12.84	12.78	12.73	12.69	12.64	12.57	
11	2462	12.87	--	--	--	--	--	--	--	

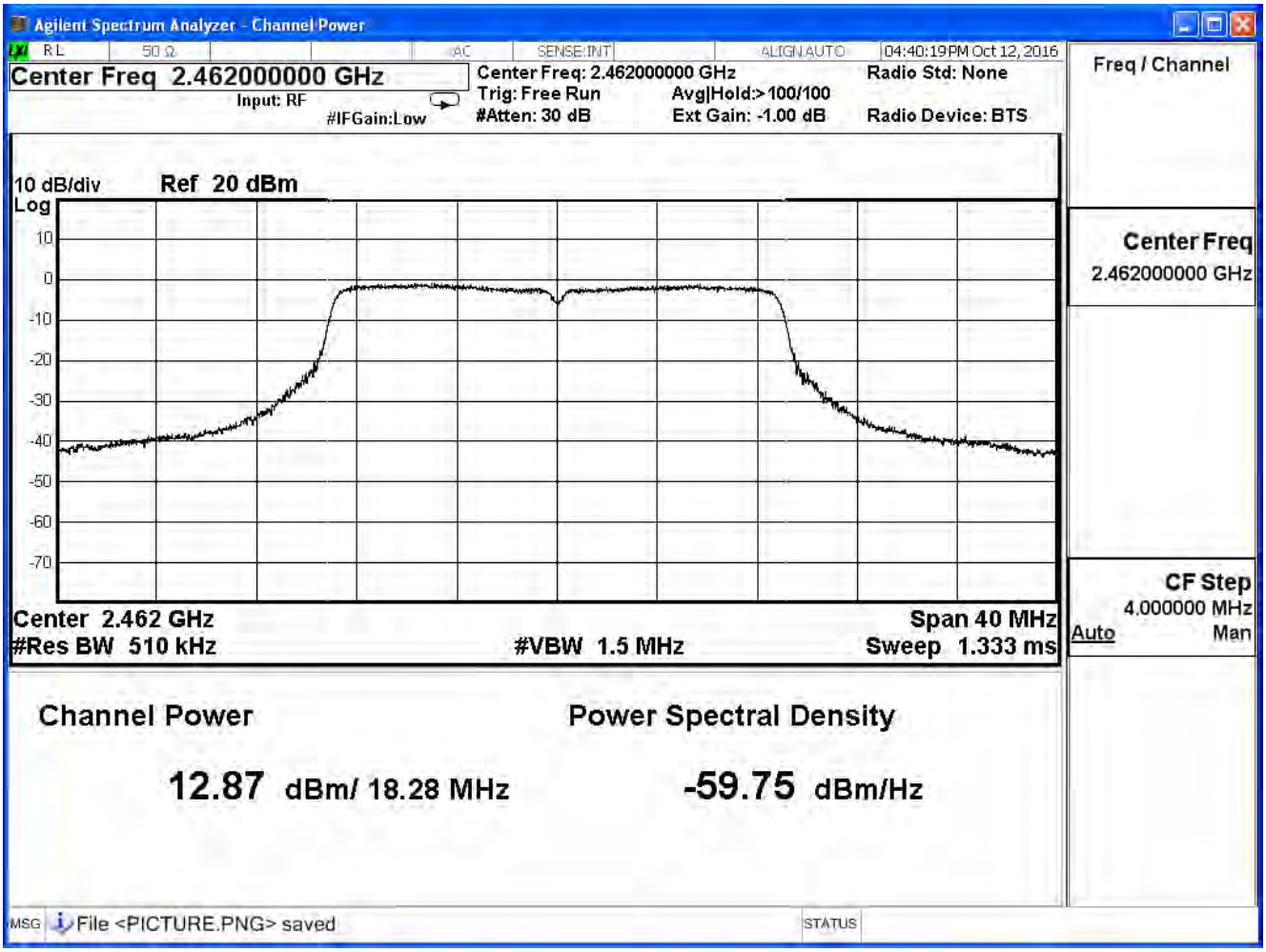
Channel 1


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:34:28 PM Oct 12, 2016
Center Freq 2.412000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.412000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.412000000 GHz
Center 2.412 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
12.85 dBm/ 18.53 MHz
Power Spectral Density
-59.83 dBm/Hz
MSG
STATUS

Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:37:20 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Channel Power
12.93 dBm/ 18.45 MHz
Power Spectral Density
-59.73 dBm/Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:40:19 PM Oct 12, 2016
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
CF Step
4.000000 MHz
Auto
Man
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
Channel Power
12.87 dBm/ 18.28 MHz
Power Spectral Density
-59.75 dBm/Hz
MSG
File <PICTURE.PNG> saved
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11n_20M (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.78	≦30
6	2437	15.83	≦30
11	2462	15.86	≦30

The worst emission of data rate is 6.5 Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	15.78	--	--	--	--	--	--	--	≦30dB
6	2437	15.83	15.76	15.71	15.65	15.61	15.57	15.53	15.48	
11	2462	15.86	--	--	--	--	--	--	--	

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/21	Test Site	SR7

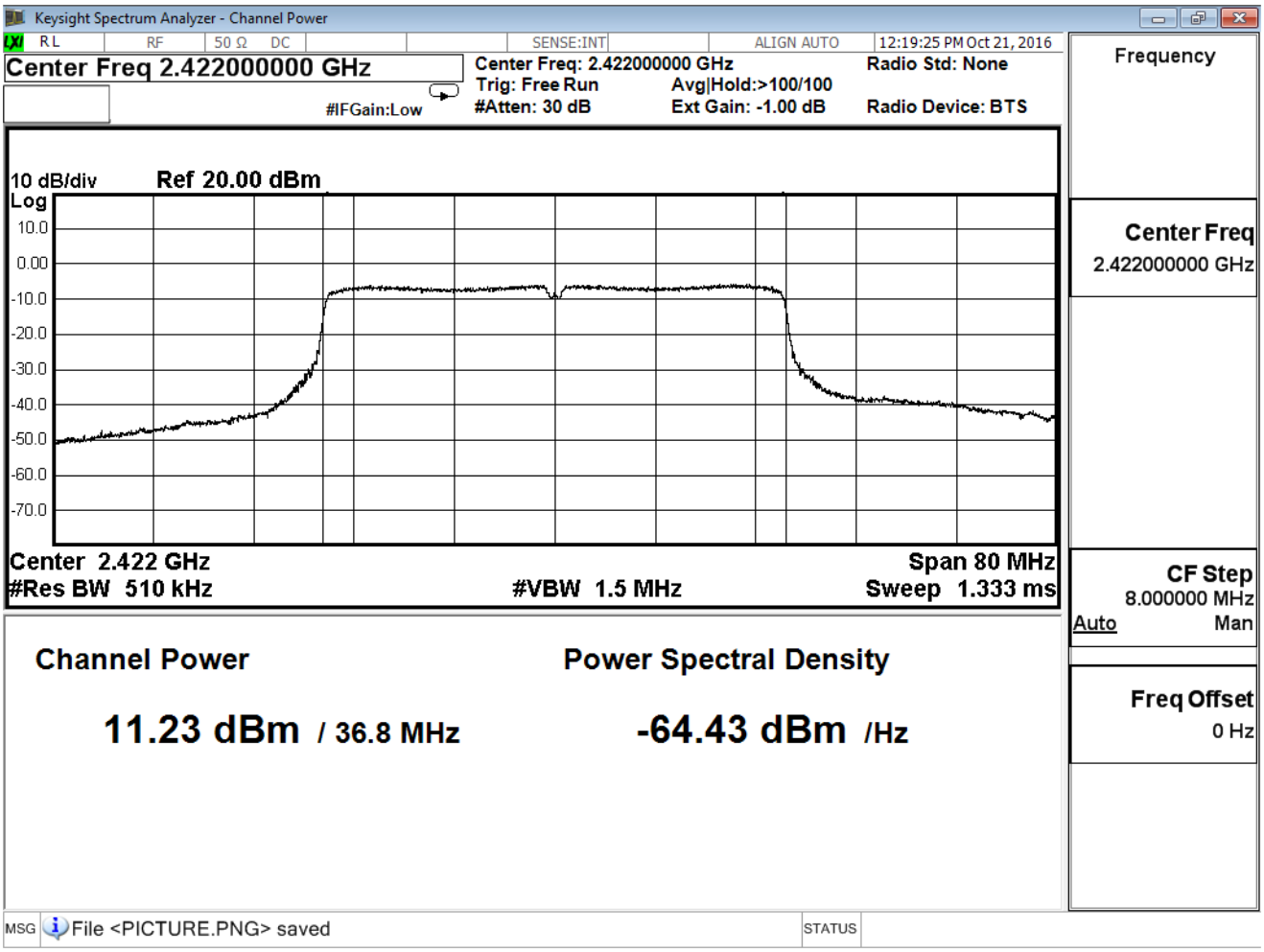
IEEE 802.11n_40M(ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	11.23	≦30
6	2437	12.36	≦30
9	2452	10.26	≦30

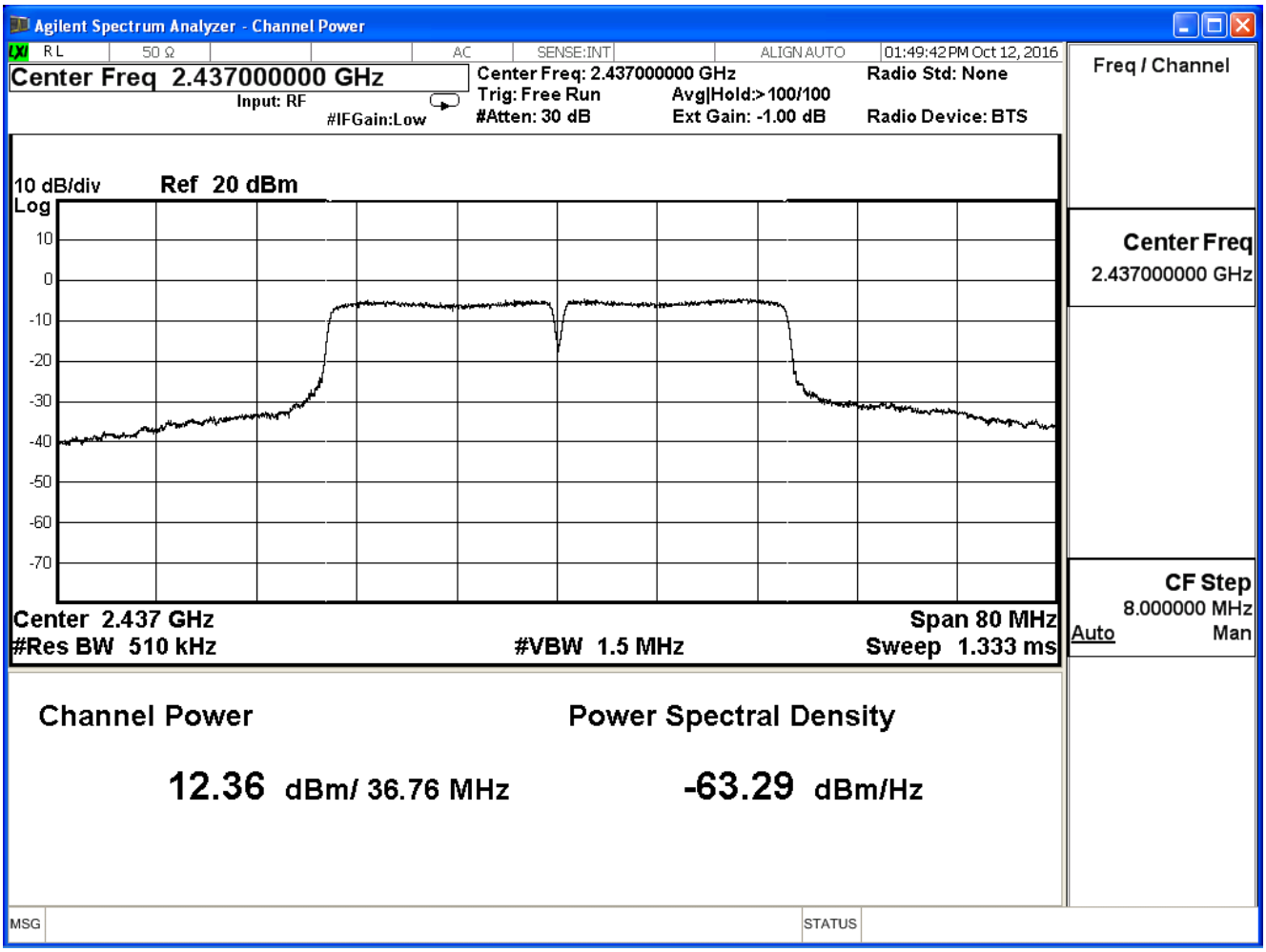
The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.50	27.00	40.50	54.00	81.00	108.00	121.50	135.00	
3	2422	11.23	--	--	--	--	--	--	--	≦30dB
6	2437	12.36	12.28	12.24	12.17	12.12	12.06	12.03	11.95	
9	2452	10.26	--	--	--	--	--	--	--	

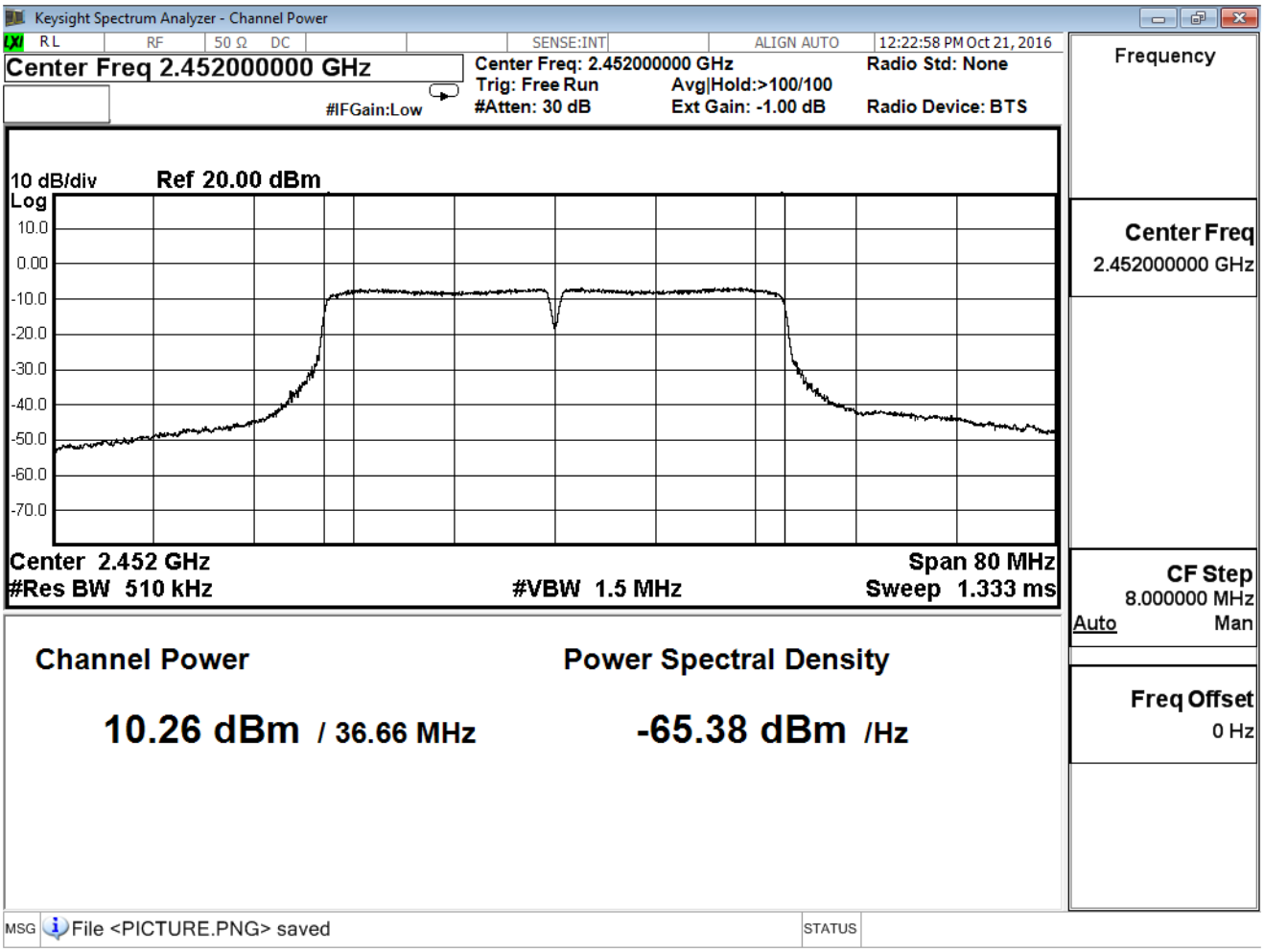
Channel 3


Keysight Spectrum Analyzer - Channel Power
RL
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
12:19:25 PM Oct 21, 2016
Center Freq 2.422000000 GHz
#IFGain:Low
Center Freq: 2.422000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 20.00 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center Freq
2.422000000 GHz
Center 2.422 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
11.23 dBm / 36.8 MHz
Power Spectral Density
-64.43 dBm /Hz
Freq Offset
0 Hz
MSG
File <PICTURE.PNG> saved
STATUS

Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:49:42 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
12.36 dBm/ 36.76 MHz
Power Spectral Density
-63.29 dBm/Hz
MSG
STATUS

Channel 9


Keysight Spectrum Analyzer - Channel Power
RL
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
12:22:58 PM Oct 21, 2016
Center Freq 2.452000000 GHz
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#IFGain:Low
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 20.00 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
10.26 dBm / 36.66 MHz
Power Spectral Density
-65.38 dBm /Hz
Freq Offset
0 Hz
MSG
File <PICTURE.PNG> saved
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/21	Test Site	SR7

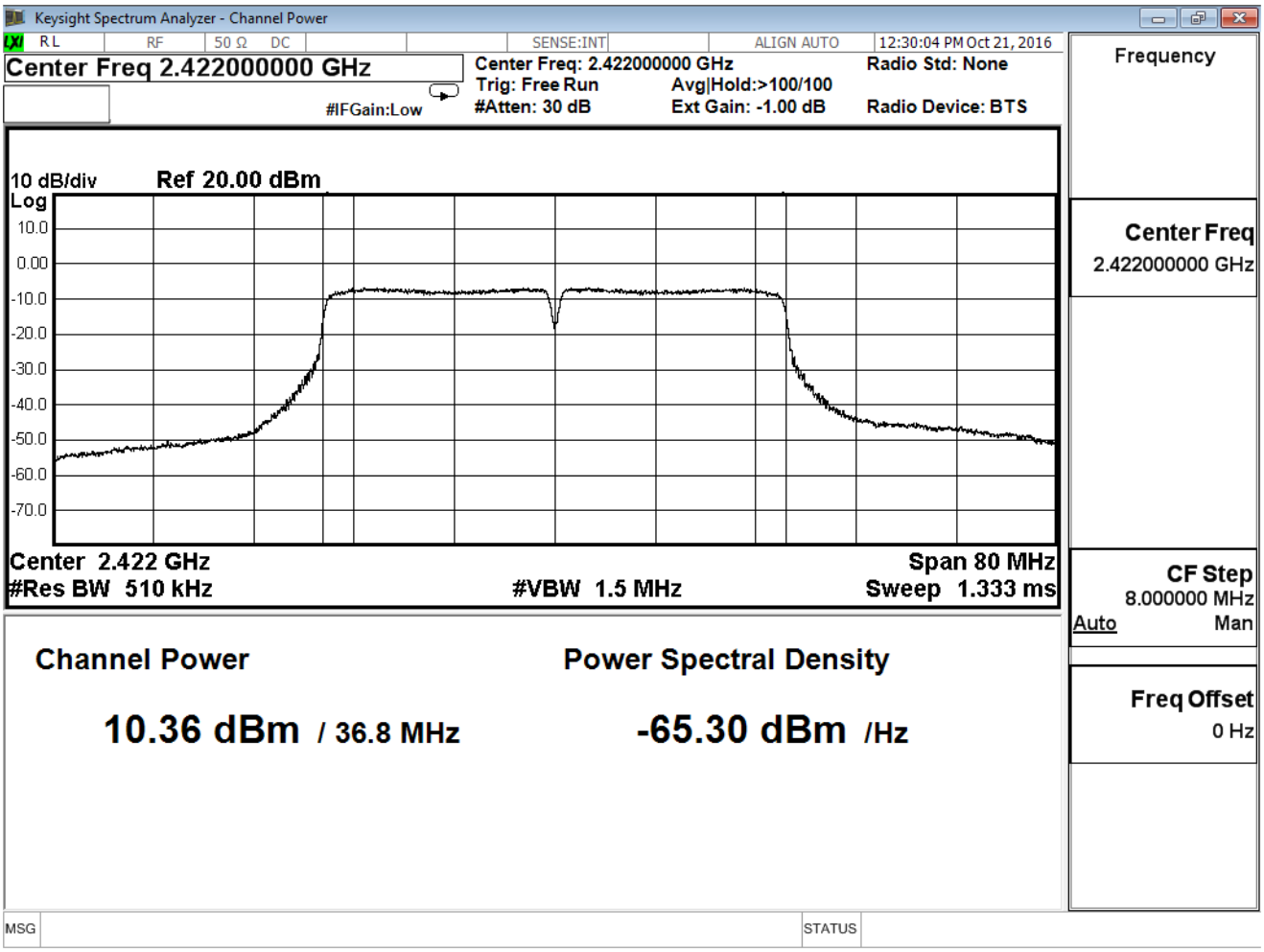
IEEE 802.11n_40M (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	10.36	≦30
6	2437	12.72	≦30
9	2452	10.58	≦30

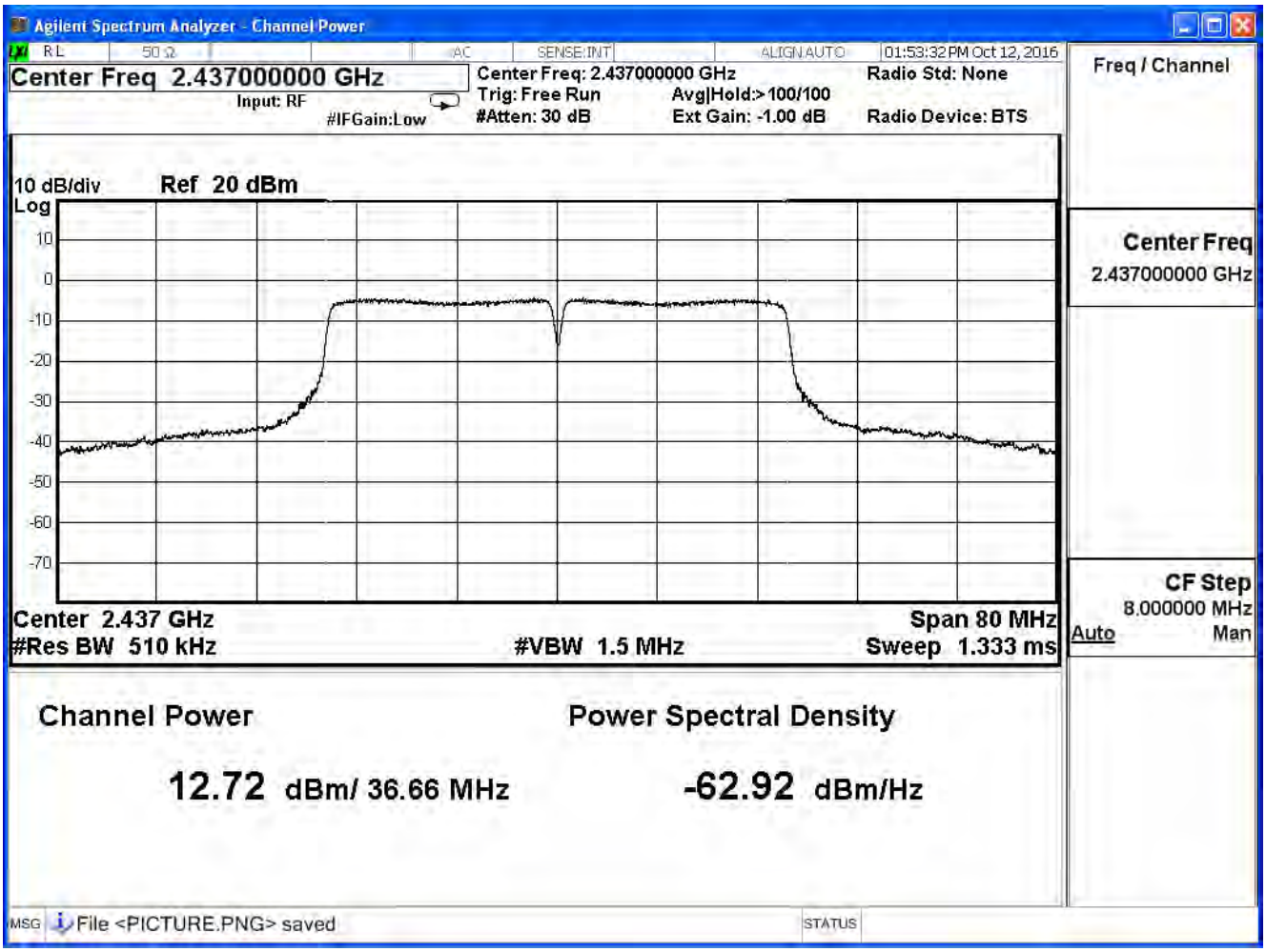
The worst emission of data rate is 13.5Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.50	27.00	40.50	54.00	81.00	108.00	121.50	135.00	
3	2422	10.36	--	--	--	--	--	--	--	≦30dB
6	2437	12.72	12.65	12.62	12.57	12.51	12.46	12.4	12.33	
9	2452	10.58	--	--	--	--	--	--	--	

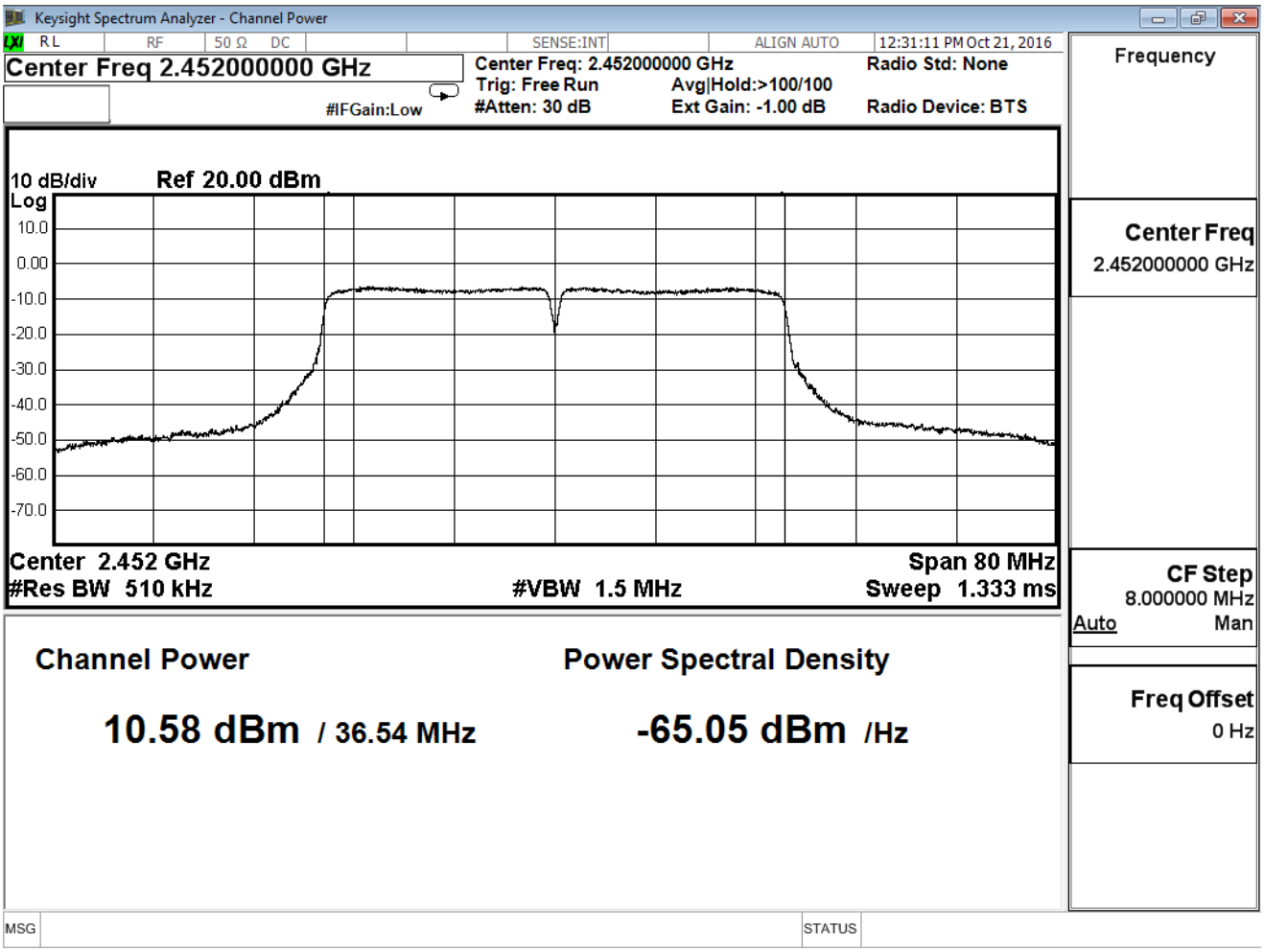
Channel 3


Keysight Spectrum Analyzer - Channel Power
RL
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
12:30:04 PM Oct 21, 2016
Center Freq 2.422000000 GHz
Center Freq: 2.422000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#IFGain:Low
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 20.00 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center Freq
2.422000000 GHz
Center 2.422 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
10.36 dBm / 36.8 MHz
Power Spectral Density
-65.30 dBm /Hz
Freq Offset
0 Hz
MSG
STATUS

Channel 6


Agilent Spectrum Analyzer - Channel Power
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:53:32 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
CF Step
8.000000 MHz
Auto
Man
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
Channel Power
12.72 dBm/ 36.66 MHz
Power Spectral Density
-62.92 dBm/Hz
MSG
File <PICTURE.PNG> saved
STATUS

Channel 9


Keysight Spectrum Analyzer - Channel Power
RL
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
12:31:11 PM Oct 21, 2016
Center Freq 2.452000000 GHz
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#IFGain:Low
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 20.00 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Channel Power
10.58 dBm / 36.54 MHz
Power Spectral Density
-65.05 dBm /Hz
Freq Offset
0 Hz
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/21	Test Site	SR7

IEEE 802.11n_40M (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	13.83	≦30
6	2437	15.55	≦30
9	2452	13.43	≦30

The worst emission of data rate is 13.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.50	27.00	40.50	54.00	81.00	108.00	121.50	135.00	
3	2422	13.83	--	--	--	--	--	--	--	≦30dB
6	2437	15.55	15.52	15.47	15.43	15.39	15.32	15.28	15.24	
9	2452	13.43	--	--	--	--	--	--	--	

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

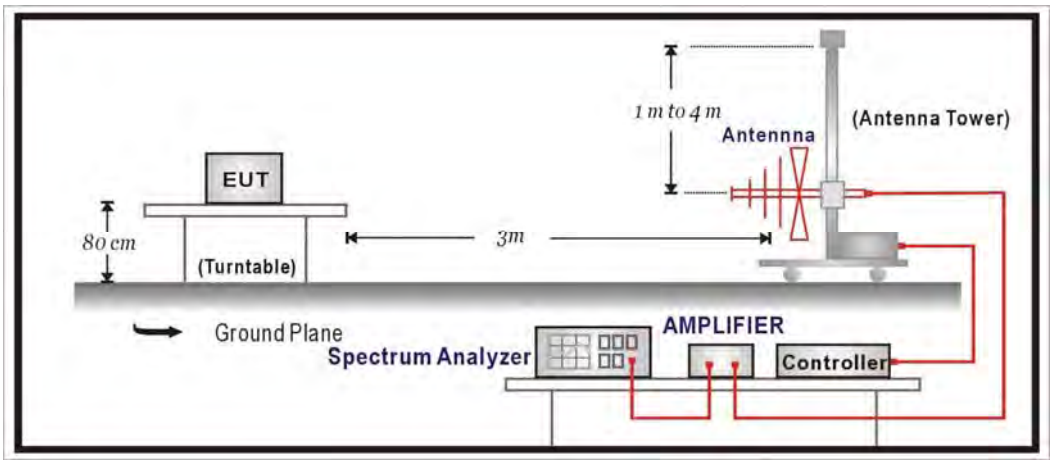
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	Schaffner	CBL6112B	2895	2017/08/14
Double Ridged Guide Horn Antenna	Schwarzbeck	BBHA 9120	D743	2017/01/14
Pre-Amplifier	EMCI	EMC0031835	4583/10/13	2017/01/26
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2017/01/03
Spectrum Analyzer	Agilent	E4440A	MY46187335	2016/12/24
k Type Cable	Huber+Suhner	SF 102	25623/2	2017/01/11
Horn Antenna	Schwarzbeck	BBHA 9170	203	2017/08/28
Signal & Spectrum Analyzer	R&S	FSV40	101049	2017/01/05

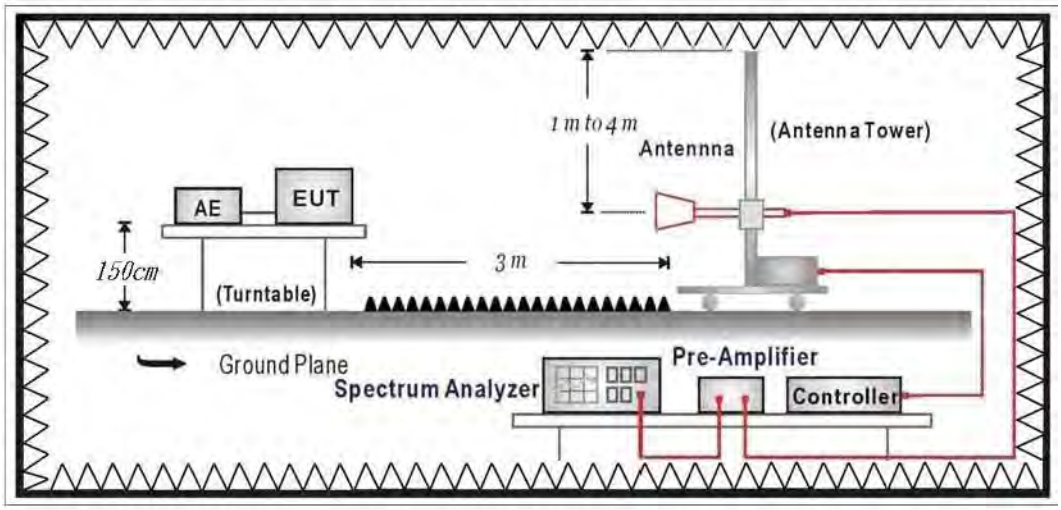
Note: All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

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

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

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

4.4. Test Procedure

The EUT was setup according to ANSI C63.10:2013 and tested according to DTS test procedure of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 1.5 meter above ground(under 1GHz) or 1.5 meter above ground (above 1GHz). The turn table can rotate 360 degrees to determine the position of the maximum emission level.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10 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: 2015

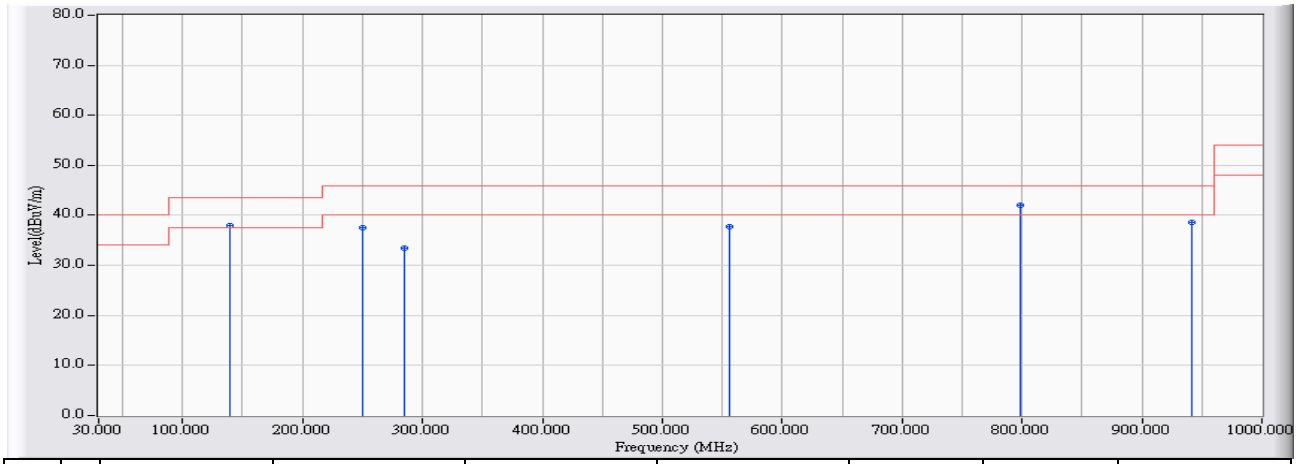
4.6. Uncertainty

The measurement uncertainty
30MHz～1GHz as ±3.43dB
1GHz～26.5Ghz as ±3.65dB

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	**Time : 2016/10/20 - 11:51**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

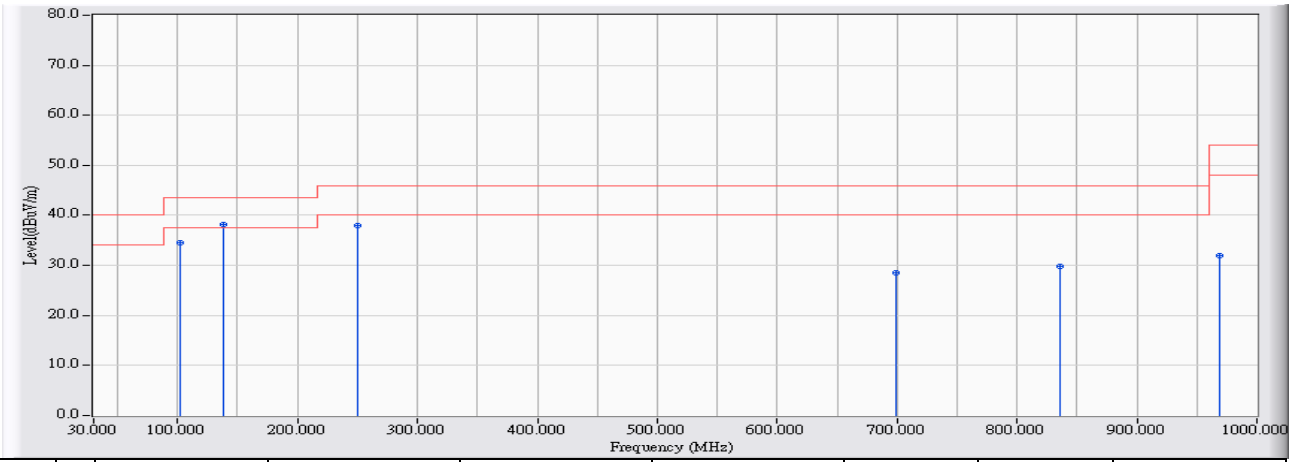


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		139.211	15.917	22.062	37.979	-5.521	43.500	QUASIPEAK
2		249.974	12.322	25.166	37.489	-8.511	46.000	QUASIPEAK
3		285.181	13.348	20.163	33.511	-12.489	46.000	QUASIPEAK
4		556.172	18.848	18.806	37.654	-8.346	46.000	QUASIPEAK
5	*	798.842	22.310	19.320	41.630	-4.370	46.000	QUASIPEAK
6		941.612	23.851	14.829	38.679	-7.321	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 : 2016/10/20 - 11:56**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

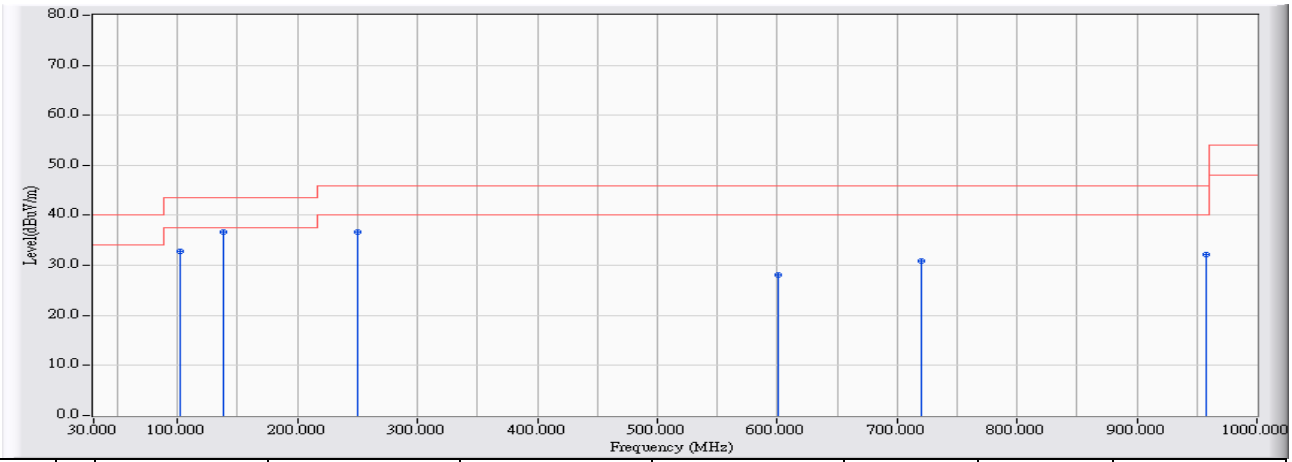


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.870	12.540	21.998	34.538	-8.962	43.500	QUASIPEAK
2	*	138.338	15.757	22.450	38.207	-5.293	43.500	QUASIPEAK
3		249.974	12.322	25.554	37.877	-8.123	46.000	QUASIPEAK
4		698.651	21.045	7.489	28.533	-17.467	46.000	QUASIPEAK
5		835.795	22.728	7.126	29.854	-16.146	46.000	QUASIPEAK
6		968.963	24.112	7.944	32.056	-21.944	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 : 2016/10/20 - 13:43**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

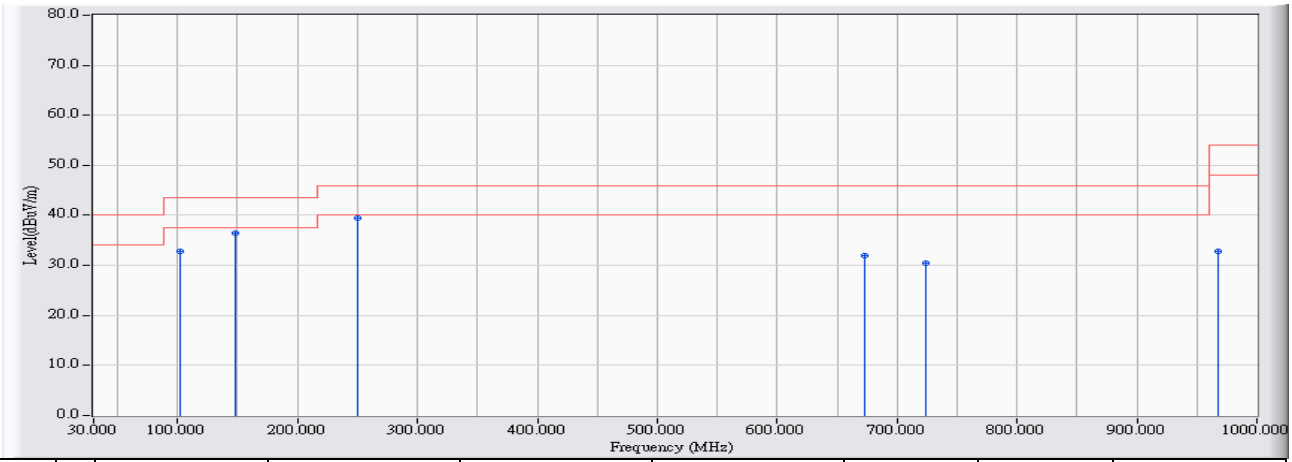


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.870	12.540	20.350	32.890	-10.610	43.500	QUASIPEAK
2	*	138.338	15.757	20.864	36.621	-6.879	43.500	QUASIPEAK
3		249.974	12.322	24.361	36.684	-9.316	46.000	QUASIPEAK
4		600.885	19.715	8.419	28.134	-17.866	46.000	QUASIPEAK
5		719.795	21.313	9.555	30.867	-15.133	46.000	QUASIPEAK
6		958.294	24.010	8.124	32.134	-13.866	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 : 2016/10/20 - 13:50**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

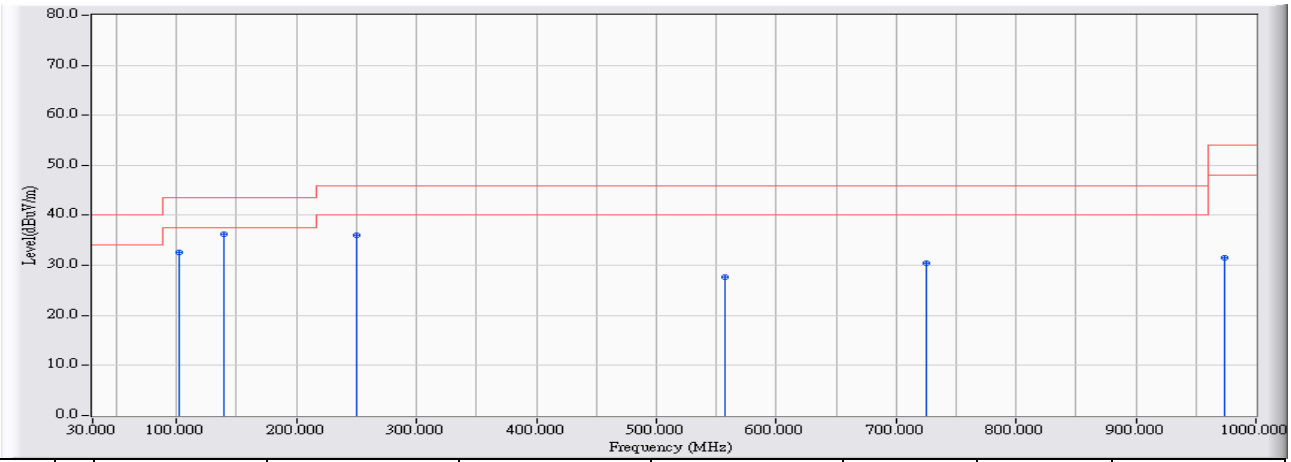


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.870	12.540	20.214	32.754	-10.746	43.500	QUASIPEAK
2		148.037	17.442	19.075	36.517	-6.983	43.500	QUASIPEAK
3	*	249.974	12.322	27.209	39.532	-6.468	46.000	QUASIPEAK
4		673.337	20.700	11.166	31.866	-14.134	46.000	QUASIPEAK
5		723.675	21.361	9.181	30.542	-15.458	46.000	QUASIPEAK
6		967.411	24.098	8.662	32.759	-21.241	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 : 2016/10/20 - 14:16**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)_2437MHz**

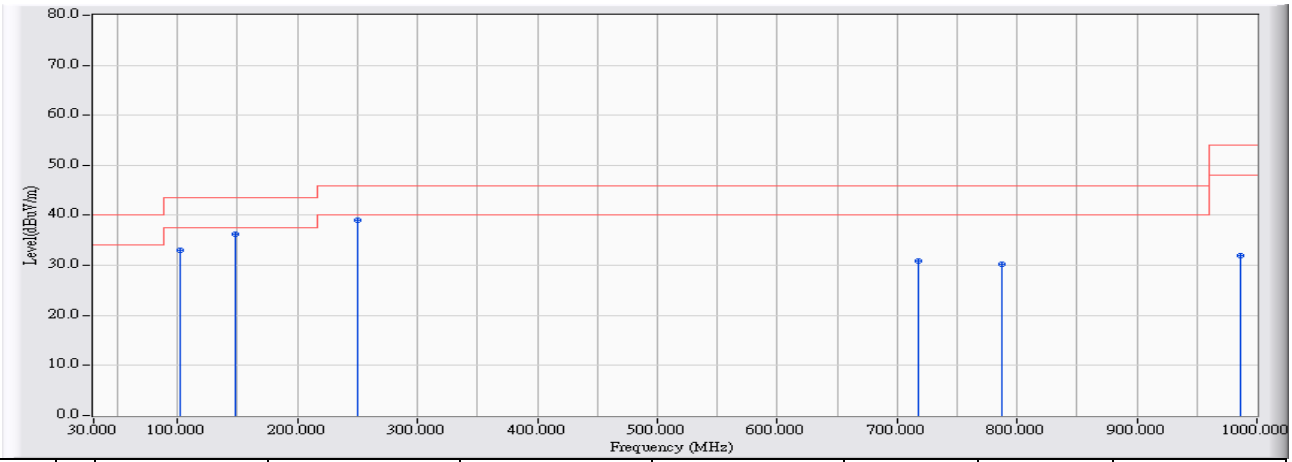


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.773	12.540	19.960	32.500	-11.000	43.500	QUASIPEAK
2	*	139.211	15.917	20.284	36.201	-7.299	43.500	QUASIPEAK
3		249.974	12.322	23.816	36.139	-9.861	46.000	QUASIPEAK
4		557.821	18.881	8.878	27.759	-18.241	46.000	QUASIPEAK
5		725.129	21.379	9.025	30.404	-15.596	46.000	QUASIPEAK
6		973.522	24.156	7.456	31.612	-22.388	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 : 2016/10/20 - 14:23**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)_2437MHz**

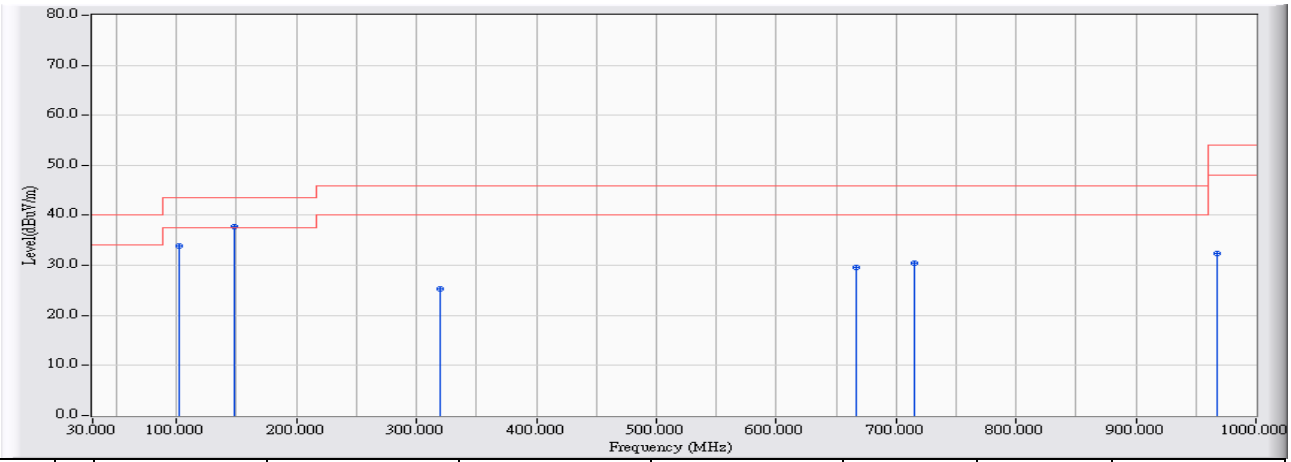


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.870	12.540	20.395	32.935	-10.565	43.500	QUASIPEAK
2		148.037	17.442	18.853	36.295	-7.205	43.500	QUASIPEAK
3	*	249.974	12.322	26.687	39.010	-6.990	46.000	QUASIPEAK
4		718.049	21.290	9.645	30.935	-15.065	46.000	QUASIPEAK
5		787.300	22.164	8.108	30.272	-15.728	46.000	QUASIPEAK
6		986.615	24.281	7.661	31.942	-22.058	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 : 2016/10/20 - 14:32**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)_2437MHz**

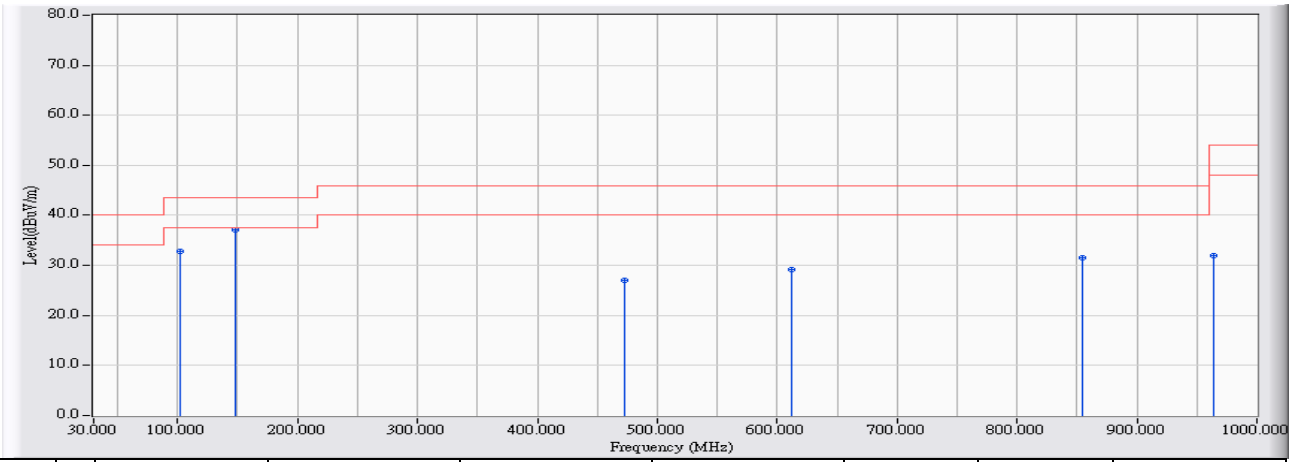


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.870	12.540	21.387	33.927	-9.573	43.500	QUASIPEAK
2	*	148.037	17.442	20.311	37.753	-5.747	43.500	QUASIPEAK
3		320.292	14.143	11.203	25.346	-20.654	46.000	QUASIPEAK
4		666.644	20.609	8.967	29.576	-16.424	46.000	QUASIPEAK
5		715.624	21.259	9.294	30.553	-15.447	46.000	QUASIPEAK
6		967.411	24.098	8.185	32.282	-21.718	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 : 2016/10/20 - 14:40**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)_2437MHz**



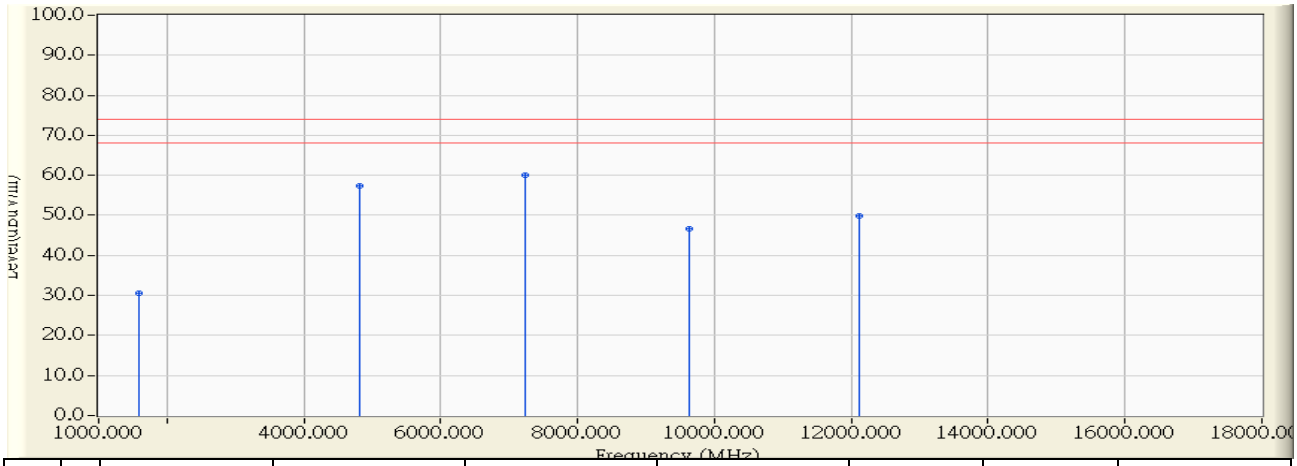
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.870	12.540	20.299	32.839	-10.661	43.500	QUASIPEAK
2	*	148.231	17.475	19.562	37.037	-6.463	43.500	QUASIPEAK
3		472.664	17.425	9.547	26.972	-19.028	46.000	QUASIPEAK
4		612.039	19.867	9.304	29.171	-16.829	46.000	QUASIPEAK
5		854.321	22.937	8.532	31.469	-14.531	46.000	QUASIPEAK
6		964.308	24.068	7.796	31.863	-22.137	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.

Above 1GHz Spurious

Site : CB1	**Time : 2016/10/22 - 15:13**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2412MHz**

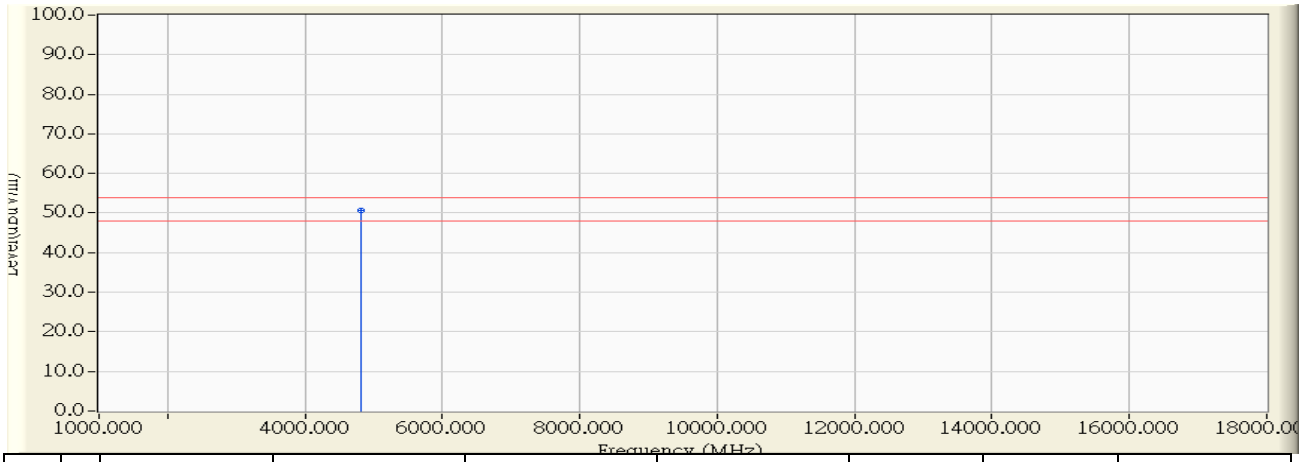


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.653	40.230	30.577	-43.423	74.000	PEAK
2		4823.000	-2.562	59.820	57.258	-16.742	74.000	PEAK
3	*	7236.000	5.926	54.180	60.106	-13.894	74.000	PEAK
4		9636.000	7.593	39.080	46.674	-27.326	74.000	PEAK
5		12108.000	10.279	39.520	49.800	-24.200	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 : 2016/10/22 - 15:16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2412MHz**

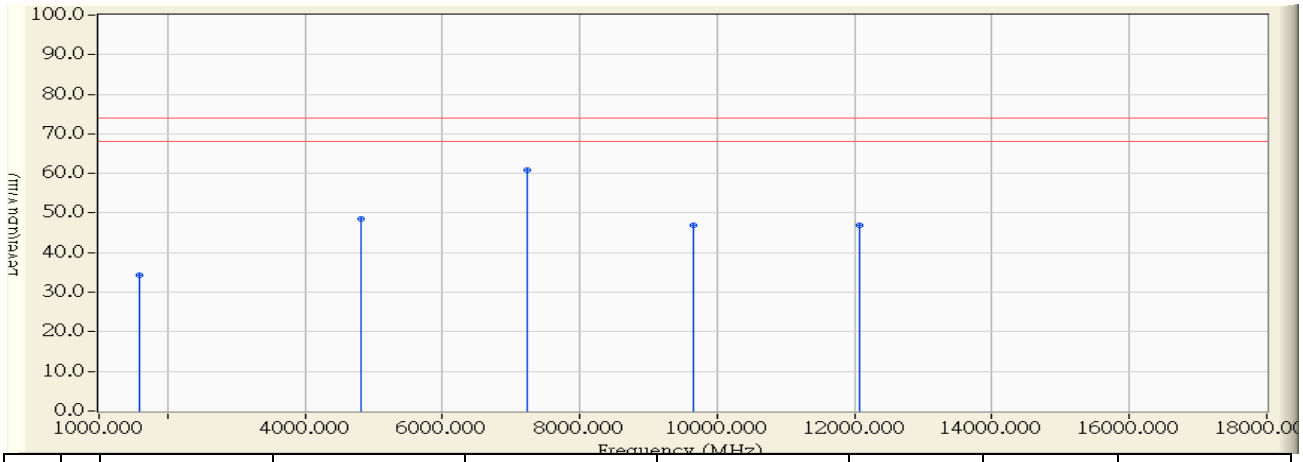


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-2.559	53.230	50.671	-3.329	54.000	AVERAGE

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 : 2016/10/22 - 16:07**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2412MHz**

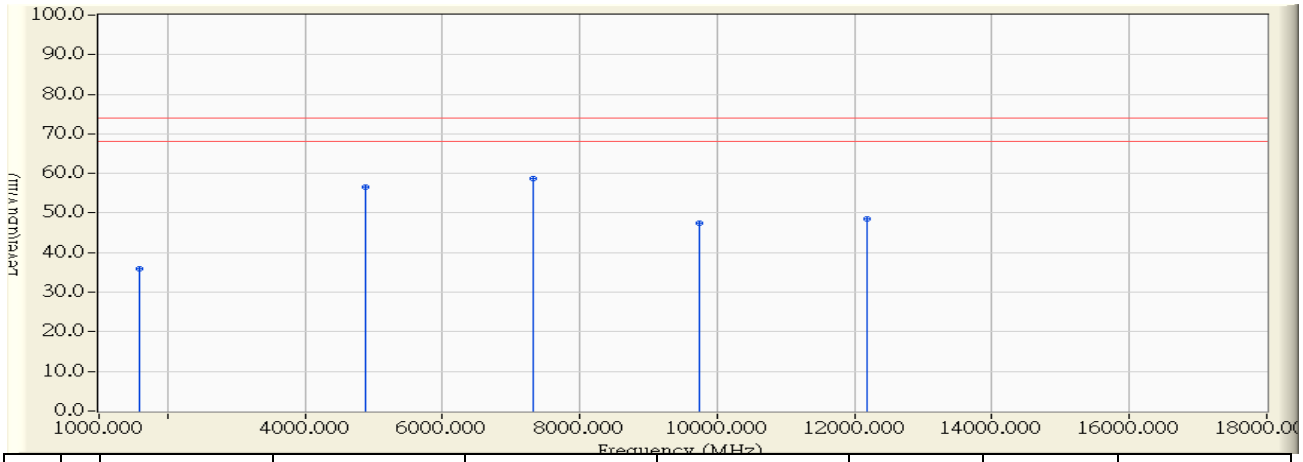


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.265	43.560	34.295	-39.705	74.000	PEAK
2		4824.000	-1.662	50.180	48.518	-25.482	74.000	PEAK
3	*	7235.000	5.424	55.320	60.744	-13.256	74.000	PEAK
4		9647.000	7.158	39.760	46.917	-27.083	74.000	PEAK
5		12075.000	9.912	37.070	46.981	-27.019	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 : 2016/10/22 - 16:32**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

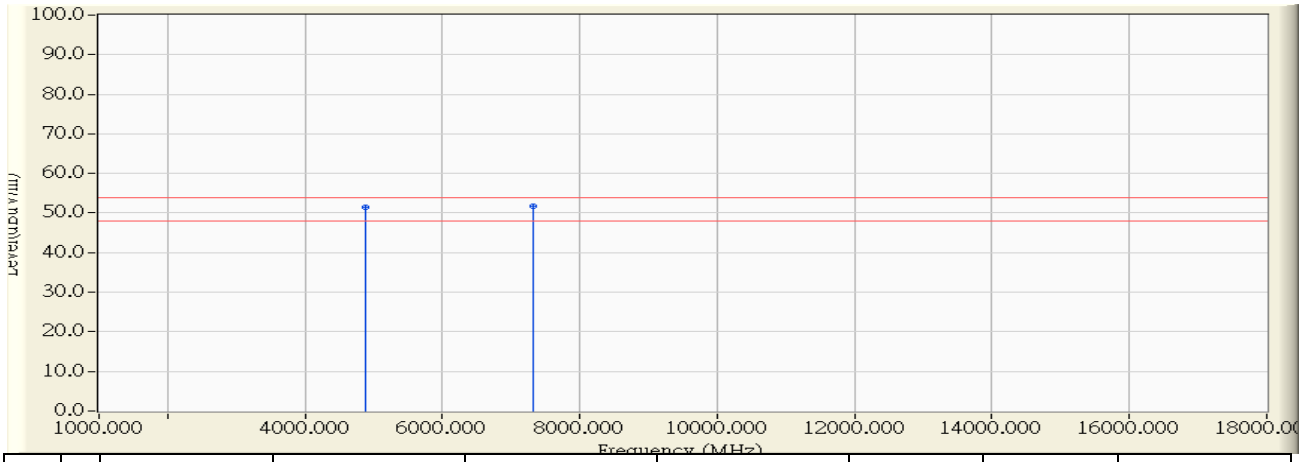


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.653	45.680	36.027	-37.973	74.000	PEAK
2		4874.000	-2.425	58.890	56.465	-17.535	74.000	PEAK
3	*	7310.000	6.072	52.610	58.682	-15.318	74.000	PEAK
4		9748.000	8.200	39.140	47.340	-26.660	74.000	PEAK
5		12185.000	10.188	38.420	48.608	-25.392	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 : 2016/10/22 - 16:25**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

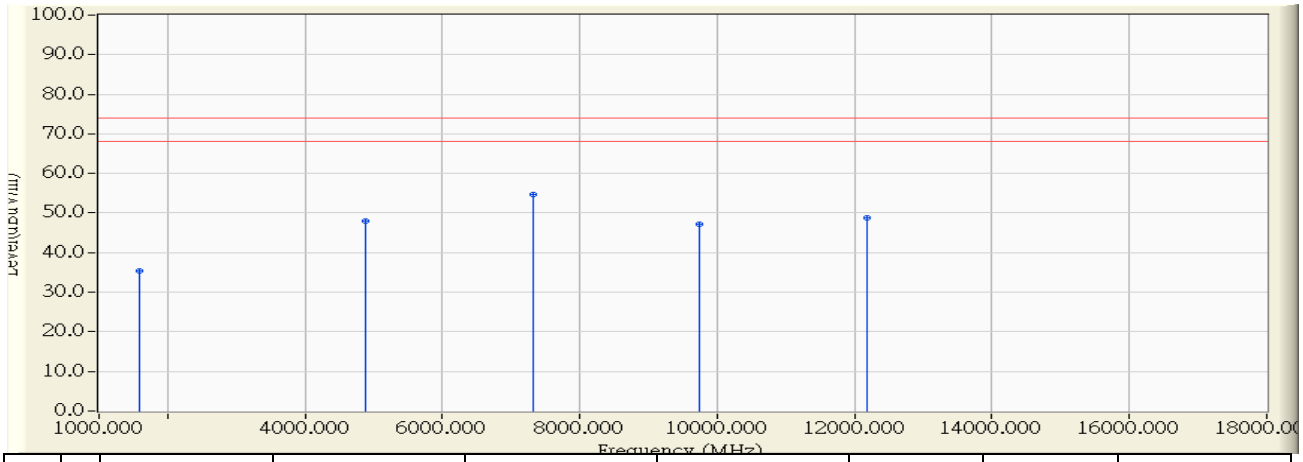


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-2.425	53.950	51.525	-2.475	54.000	AVERAGE
2	*	7310.000	6.072	45.750	51.822	-2.178	54.000	AVERAGE

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 : 2016/10/22 - 16:44**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

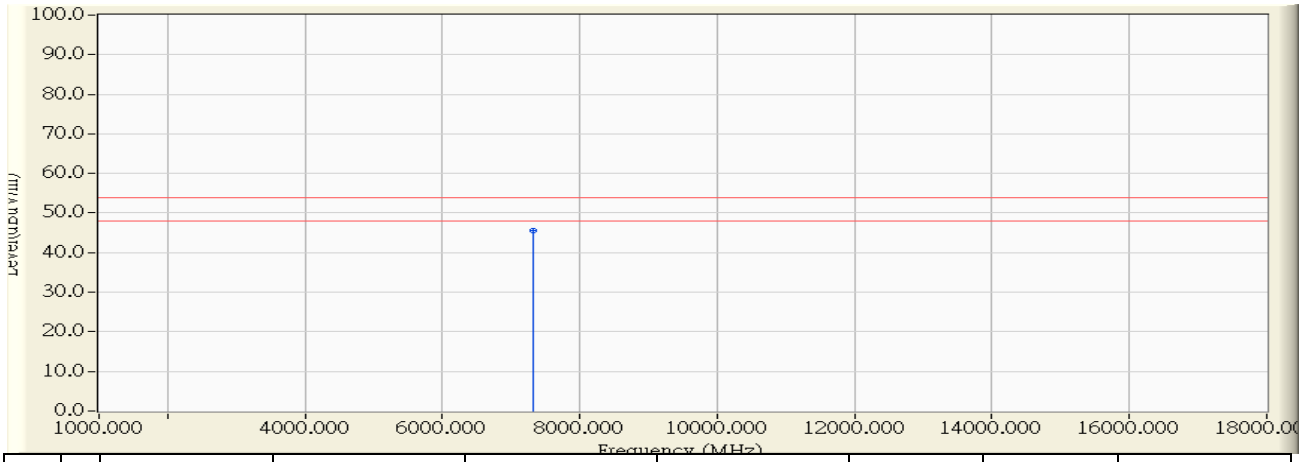


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.265	44.560	35.295	-38.705	74.000	PEAK
2		4873.000	-1.653	49.750	48.097	-25.903	74.000	PEAK
3	*	7310.000	5.572	49.070	54.642	-19.358	74.000	PEAK
4		9736.000	7.506	39.560	47.066	-26.934	74.000	PEAK
5		12185.000	9.890	38.830	48.720	-25.280	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 : 2016/10/22 - 16:43**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

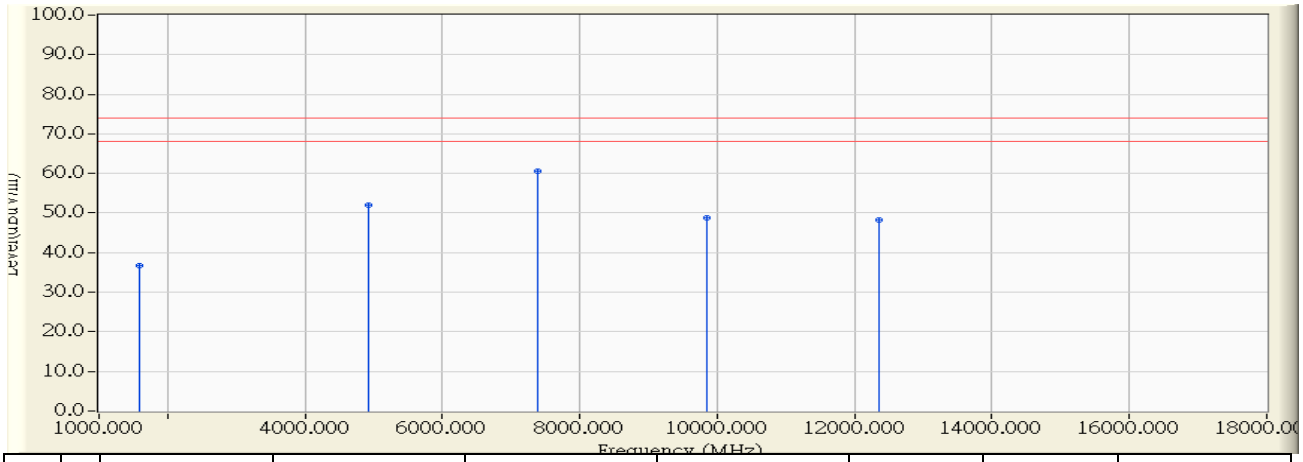


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7311.000	5.573	40.030	45.603	-8.397	54.000	AVERAGE

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 : 2016/10/22 - 17:27**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2462MHz**

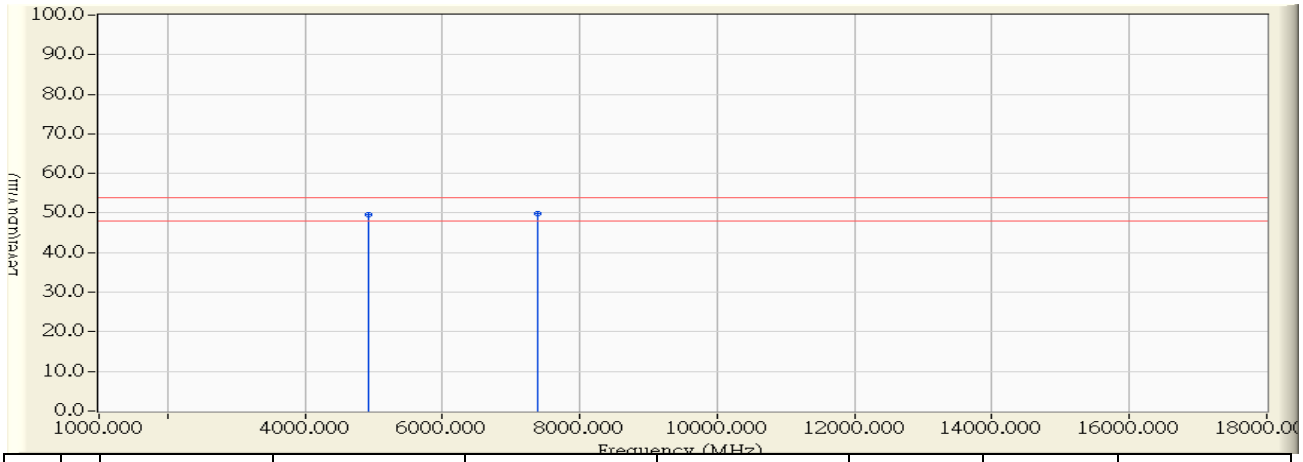


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.653	46.310	36.657	-37.343	74.000	PEAK
2		4924.000	-2.291	54.380	52.089	-21.911	74.000	PEAK
3	*	7386.000	6.221	54.340	60.561	-13.439	74.000	PEAK
4		9847.000	8.737	40.090	48.826	-25.174	74.000	PEAK
5		12349.000	9.993	38.180	48.173	-25.827	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 : 2016/10/22 - 17:20**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2462MHz**

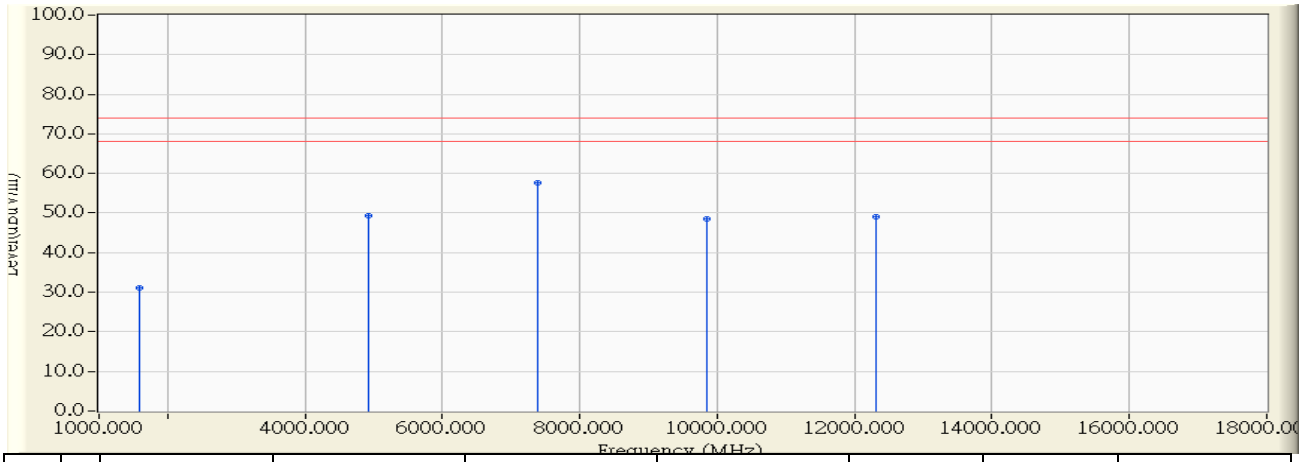


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-2.291	51.760	49.469	-4.531	54.000	AVERAGE
2	*	7387.000	6.223	43.600	49.823	-4.177	54.000	AVERAGE

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 : 2016/10/22 - 17:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2462MHz**

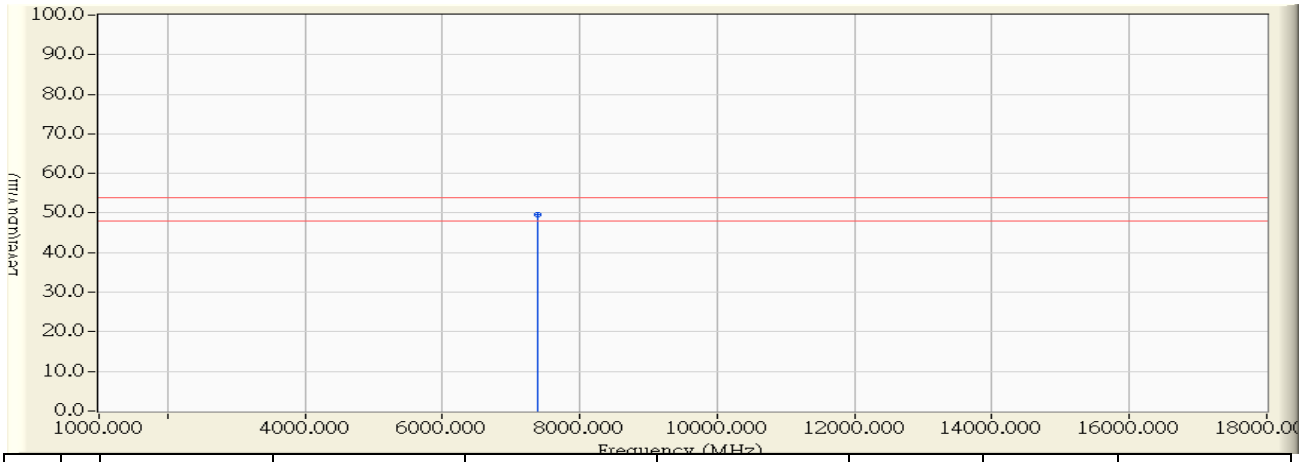


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.265	40.360	31.095	-42.905	74.000	PEAK
2		4924.000	-1.644	50.900	49.256	-24.744	74.000	PEAK
3	*	7386.000	5.721	51.870	57.591	-16.409	74.000	PEAK
4		9848.000	7.944	40.610	48.554	-25.446	74.000	PEAK
5		12314.000	9.866	39.150	49.015	-24.985	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 : 2016/10/22 - 17:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11b_2462MHz**

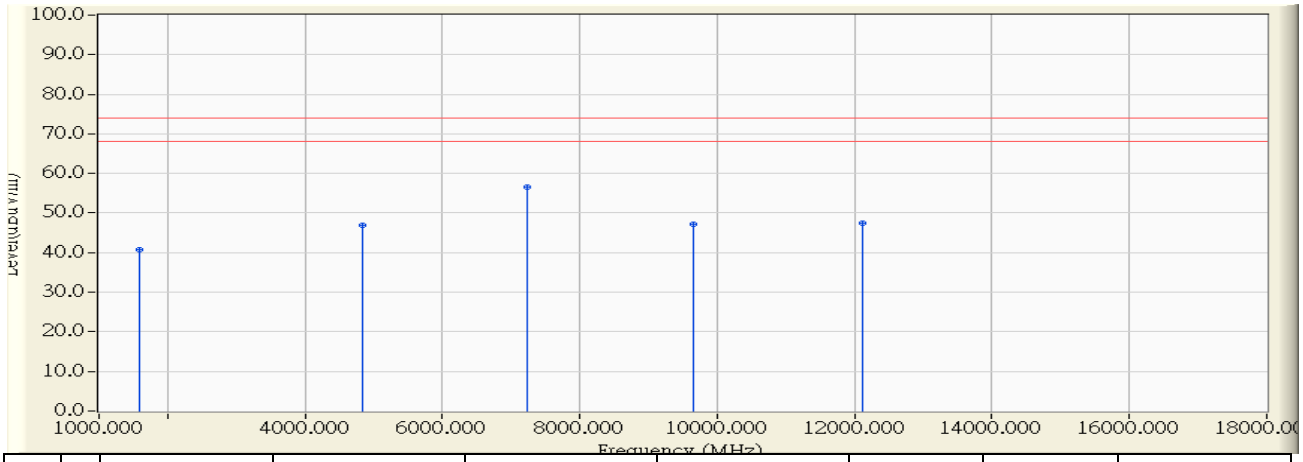


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7385.000	5.720	43.770	49.489	-4.511	54.000	AVERAGE

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 : 2016/10/22 - 18:02**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2412MHz**

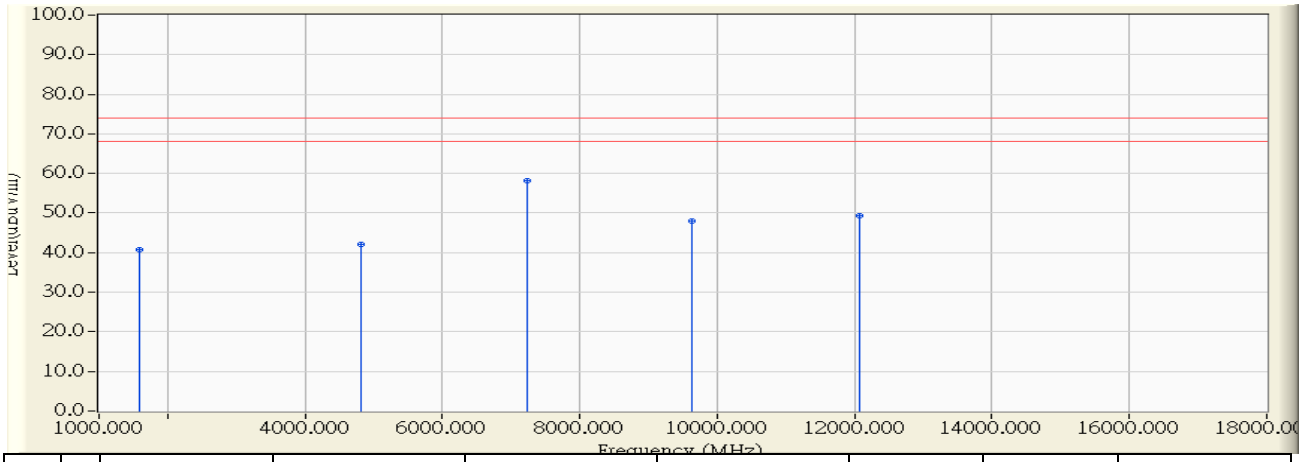


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.653	50.333	40.680	-33.320	74.000	PEAK
2		4826.000	-2.554	49.340	46.786	-27.214	74.000	PEAK
3	*	7230.000	5.915	50.750	56.664	-17.336	74.000	PEAK
4		9644.000	7.637	39.520	47.157	-26.843	74.000	PEAK
5		12106.000	10.282	37.150	47.432	-26.568	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 : 2016/10/22 - 18:09**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2412MHz**

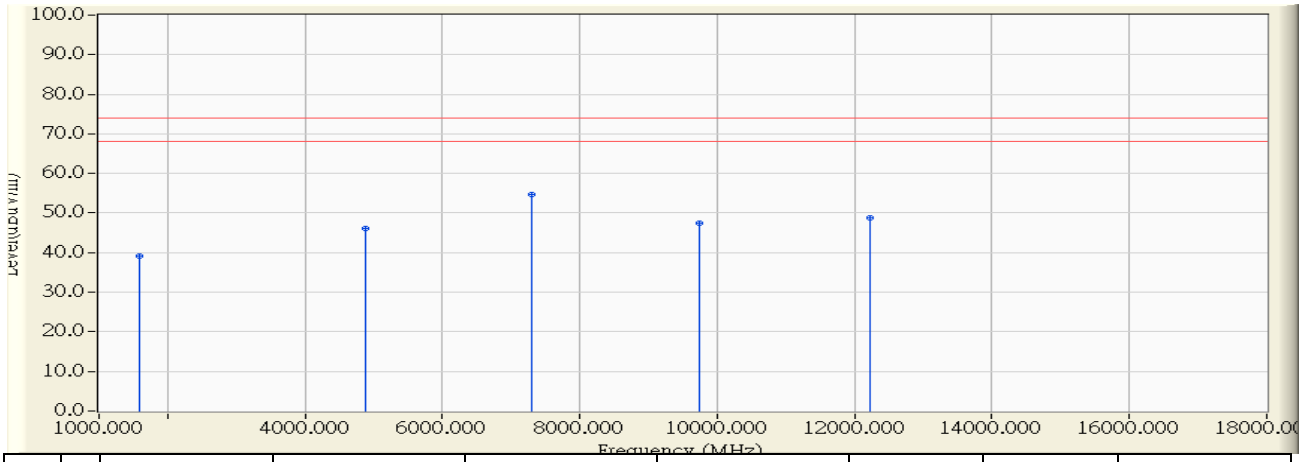


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.265	50.110	40.845	-33.155	74.000	PEAK
2		4822.000	-1.662	43.820	42.158	-31.842	74.000	PEAK
3	*	7231.000	5.416	52.740	58.156	-15.844	74.000	PEAK
4		9639.000	7.125	40.800	47.926	-26.074	74.000	PEAK
5		12062.000	9.914	39.450	49.364	-24.636	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 : 2016/10/22 - 18:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

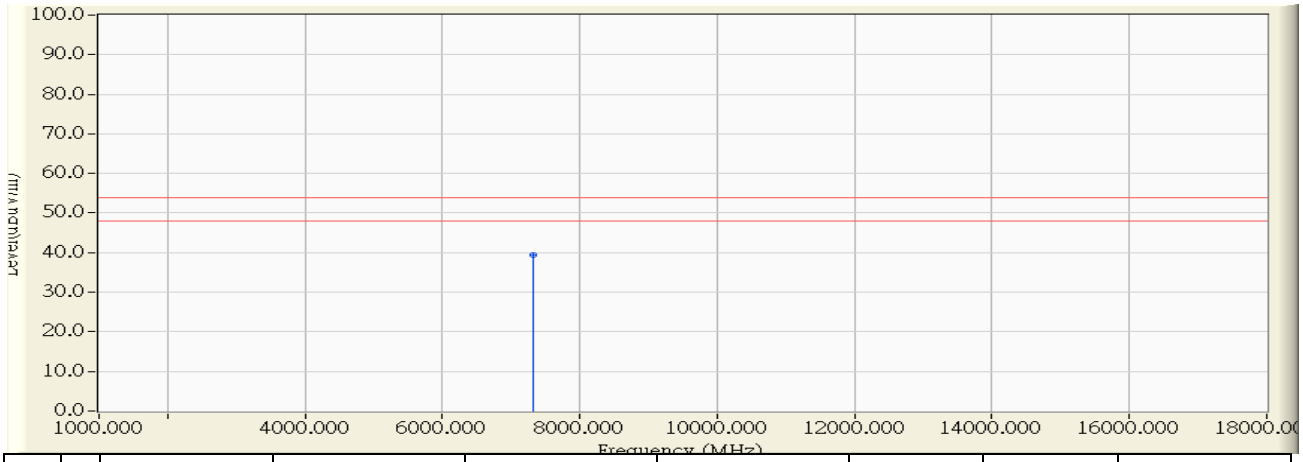


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.653	48.690	39.037	-34.963	74.000	PEAK
2		4871.000	-2.433	48.470	46.037	-27.963	74.000	PEAK
3	*	7297.000	6.046	48.740	54.786	-19.214	74.000	PEAK
4		9748.000	8.200	39.290	47.490	-26.510	74.000	PEAK
5		12224.000	10.142	38.570	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 : 2016/10/22 - 18:21**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

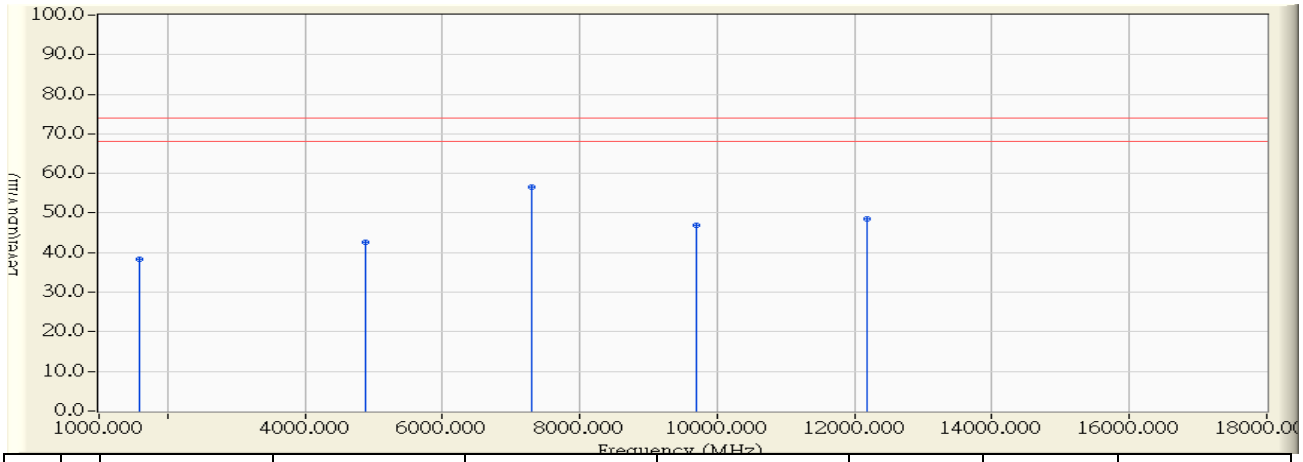


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7314.000	6.080	33.420	39.499	-14.501	54.000	AVERAGE

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 : 2016/10/22 - 18:30**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

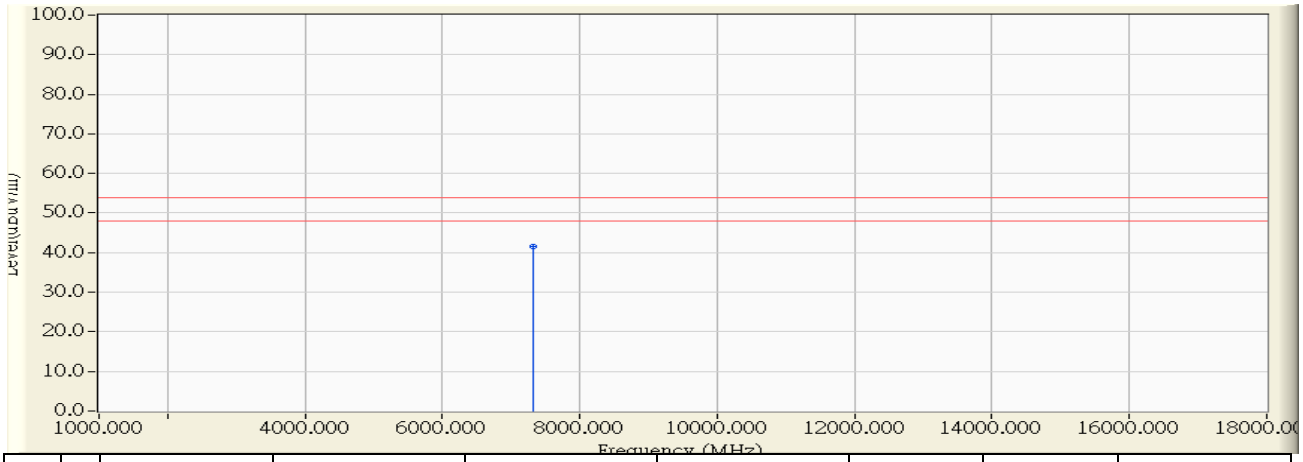


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.265	47.480	38.215	-35.785	74.000	PEAK
2		4873.000	-1.653	44.200	42.547	-31.453	74.000	PEAK
3	*	7305.000	5.562	50.890	56.452	-17.548	74.000	PEAK
4		9699.000	7.360	39.630	46.991	-27.009	74.000	PEAK
5		12176.000	9.891	38.560	48.452	-25.548	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 : 2016/10/22 - 18:31**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

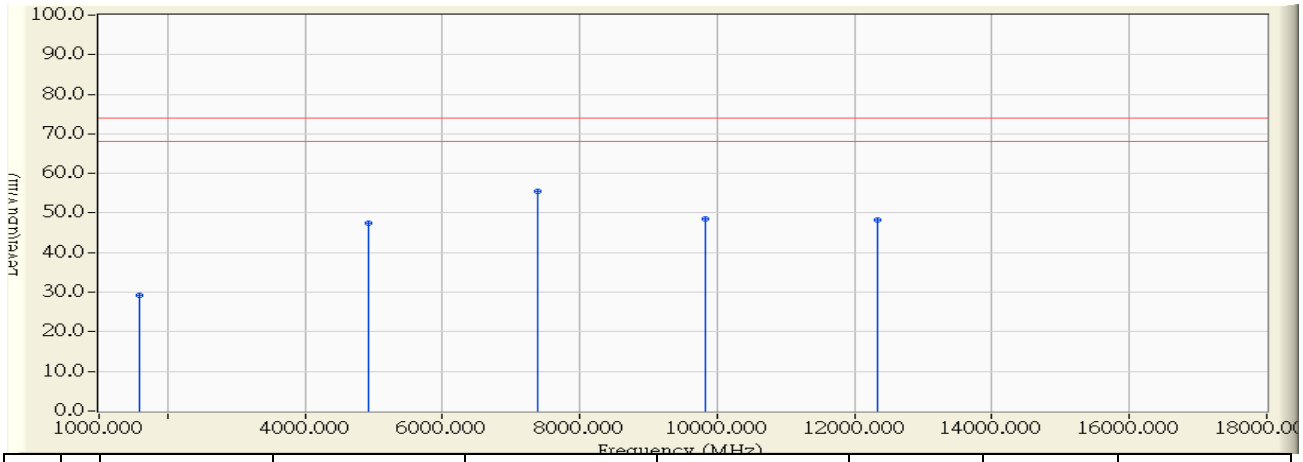


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7312.000	5.575	36.020	41.595	-12.405	54.000	AVERAGE

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 : 2016/10/22 - 18:55**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2462MHz**

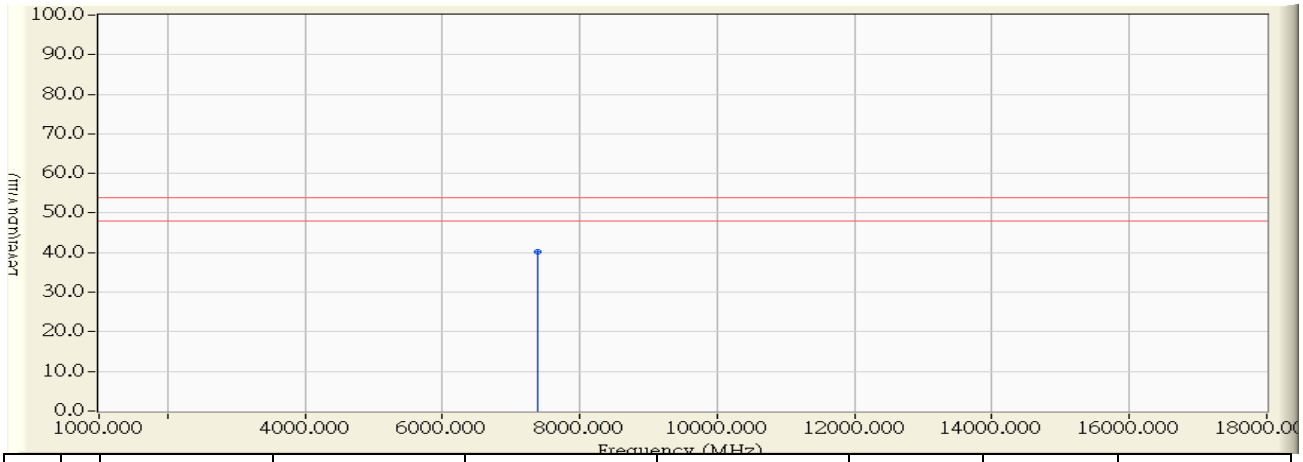


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.653	38.960	29.307	-24.693	54.000	PEAK
2		4922.000	-2.297	49.690	47.393	-26.607	74.000	PEAK
3	*	7393.000	6.235	49.140	55.375	-18.625	74.000	PEAK
4		9832.000	8.656	39.880	48.535	-25.465	74.000	PEAK
5		12326.000	10.019	38.160	48.180	-25.820	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 : 2016/10/22 - 18:54**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2462MHz**

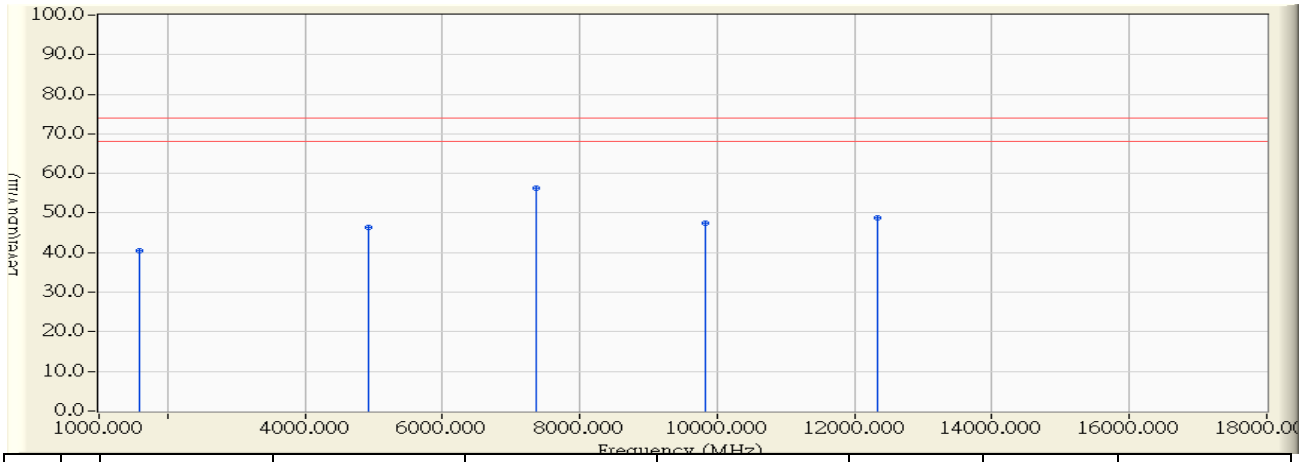


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7389.000	6.227	33.910	40.137	-13.863	54.000	AVERAGE

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 : 2016/10/22 - 18:44**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2462MHz**

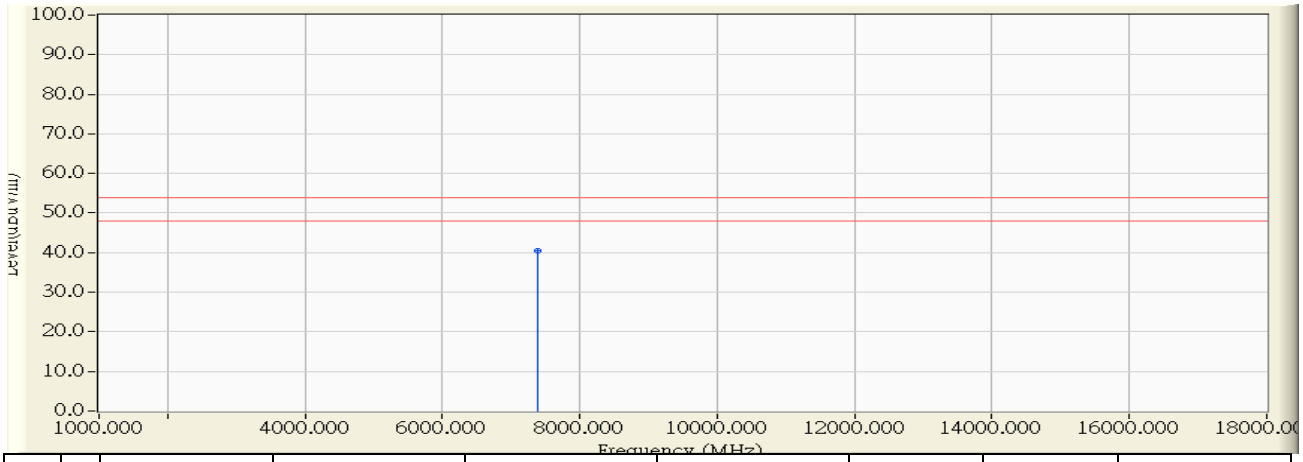


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1595.000	-9.265	49.720	40.455	-33.545	74.000	PEAK
2		4924.000	-1.644	48.120	46.476	-27.524	74.000	PEAK
3	*	7372.000	5.693	50.500	56.194	-17.806	74.000	PEAK
4		9821.000	7.838	39.550	47.389	-26.611	74.000	PEAK
5		12341.000	9.860	38.900	48.760	-25.240	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 : 2016/10/22 - 18:44**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 1: Transmit_SISO Mode 802.11g_2462MHz**

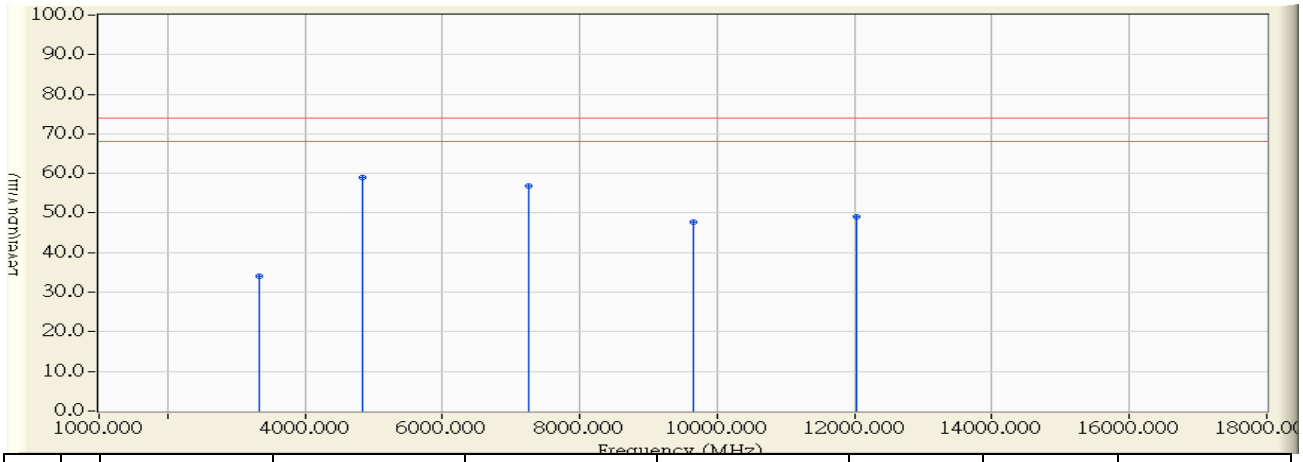


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7382.000	5.713	34.680	40.393	-13.607	54.000	AVERAGE

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 : 2016/10/22 - 20:57**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2412MHz**

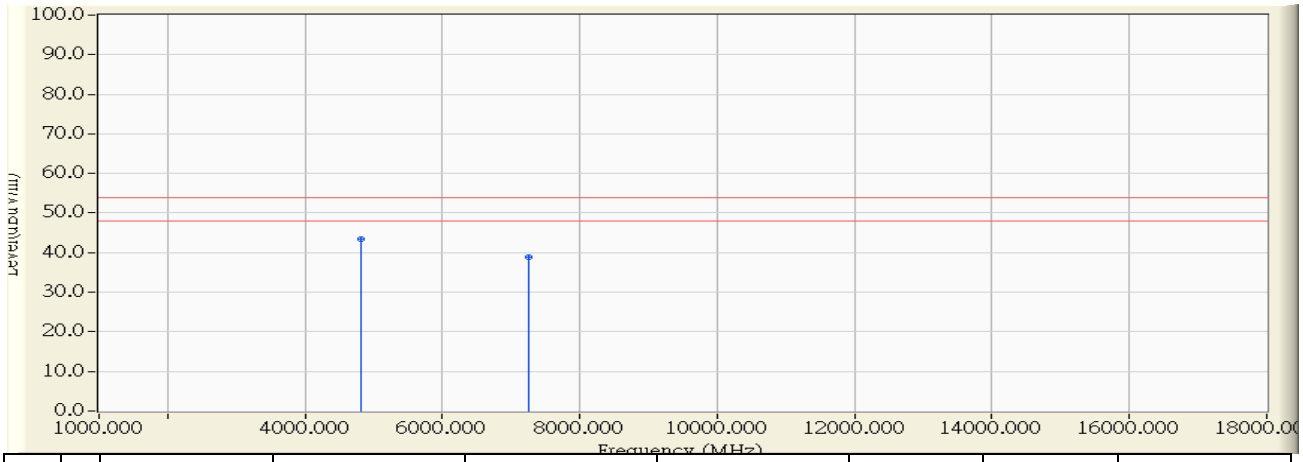


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3337.000	-6.029	40.110	34.081	-39.919	74.000	PEAK
2	*	4843.000	-2.509	61.520	59.011	-14.989	74.000	PEAK
3		7257.000	5.967	50.980	56.947	-17.053	74.000	PEAK
4		9662.000	7.735	40.120	47.854	-26.146	74.000	PEAK
5		12039.000	10.363	38.710	49.072	-24.928	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 : 2016/10/22 - 20:58**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2412MHz**

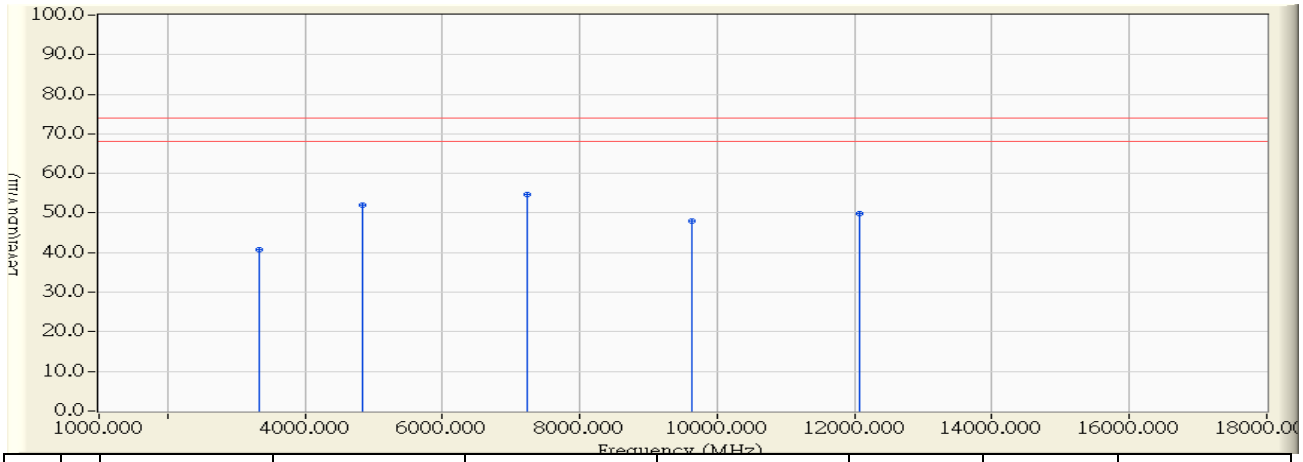


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-2.559	46.060	43.501	-10.499	54.000	AVERAGE
2		7261.000	5.975	32.810	38.785	-15.215	54.000	AVERAGE

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 : 2016/10/22 - 20:42**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2412MHz**

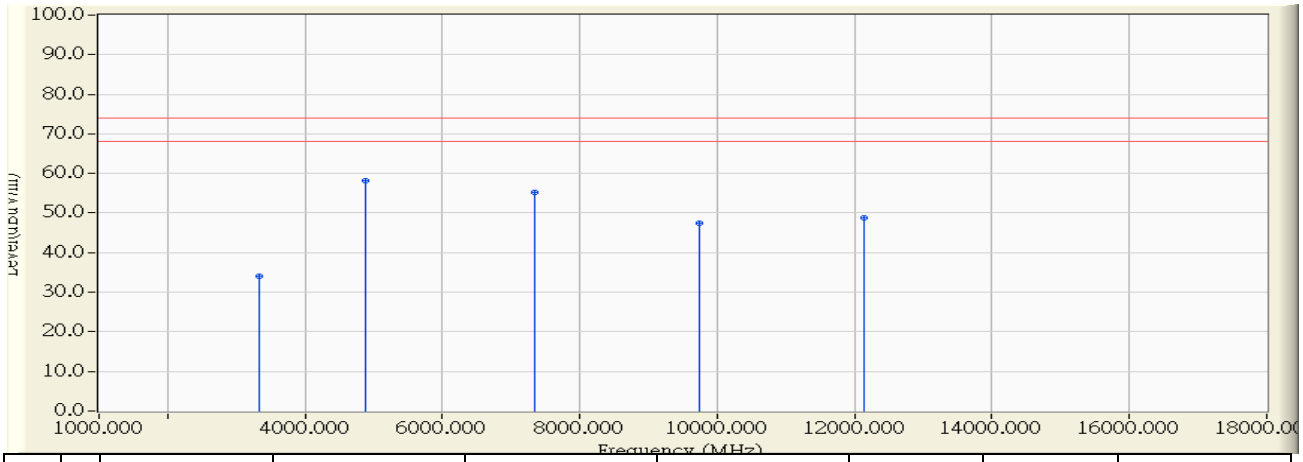


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3337.000	-3.675	44.360	40.685	-33.315	74.000	PEAK
2		4839.000	-1.659	53.620	51.961	-22.039	74.000	PEAK
3	*	7241.000	5.435	49.150	54.586	-19.414	74.000	PEAK
4		9640.000	7.130	40.790	47.920	-26.080	74.000	PEAK
5		12067.000	9.912	39.840	49.753	-24.247	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 : 2016/10/22 - 21:26**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2437MHz**

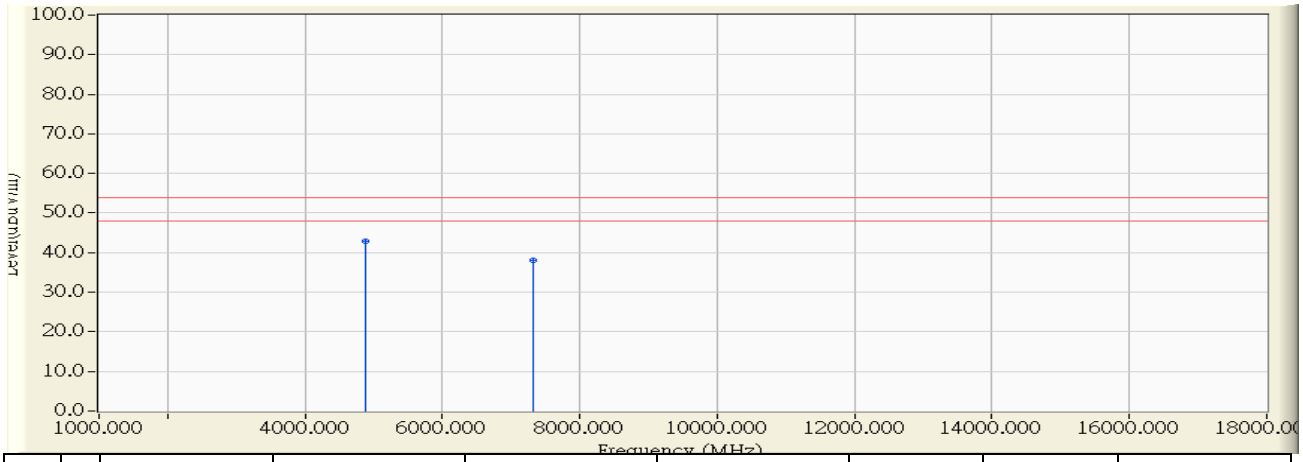


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3337.000	-6.029	40.110	34.081	-39.919	74.000	PEAK
2	*	4872.000	-2.431	60.650	58.219	-15.781	74.000	PEAK
3		7343.000	6.136	49.220	55.356	-18.644	74.000	PEAK
4		9731.000	8.108	39.460	47.568	-26.432	74.000	PEAK
5		12141.000	10.240	38.570	48.811	-25.189	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 : 2016/10/23 - 19:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2437MHz**

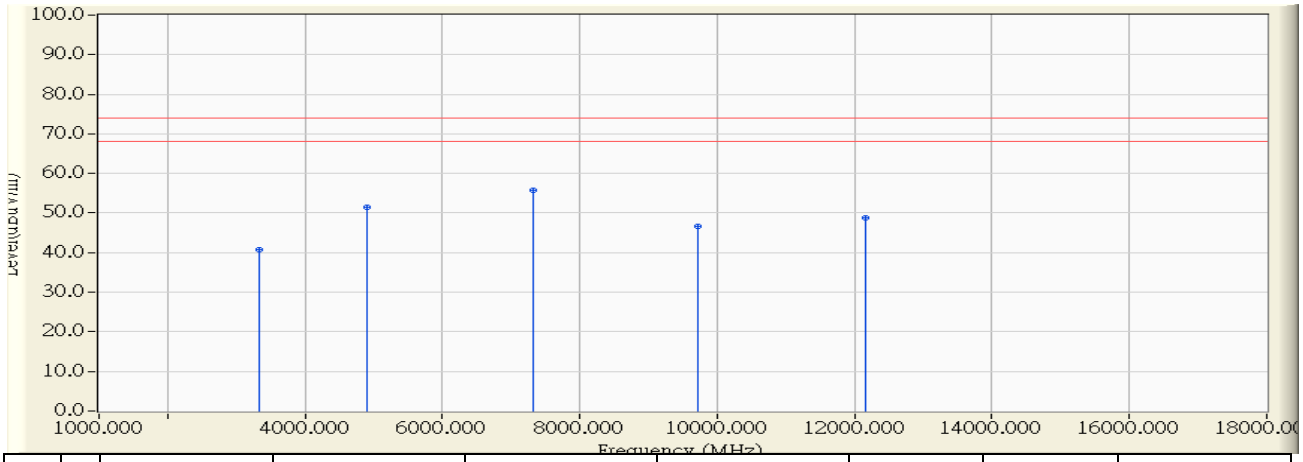


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4873.000	-2.428	45.410	42.982	-11.018	54.000	AVERAGE
2		7314.000	6.080	31.990	38.069	-15.931	54.000	AVERAGE

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 : 2016/10/22 - 21:11**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2437MHz**

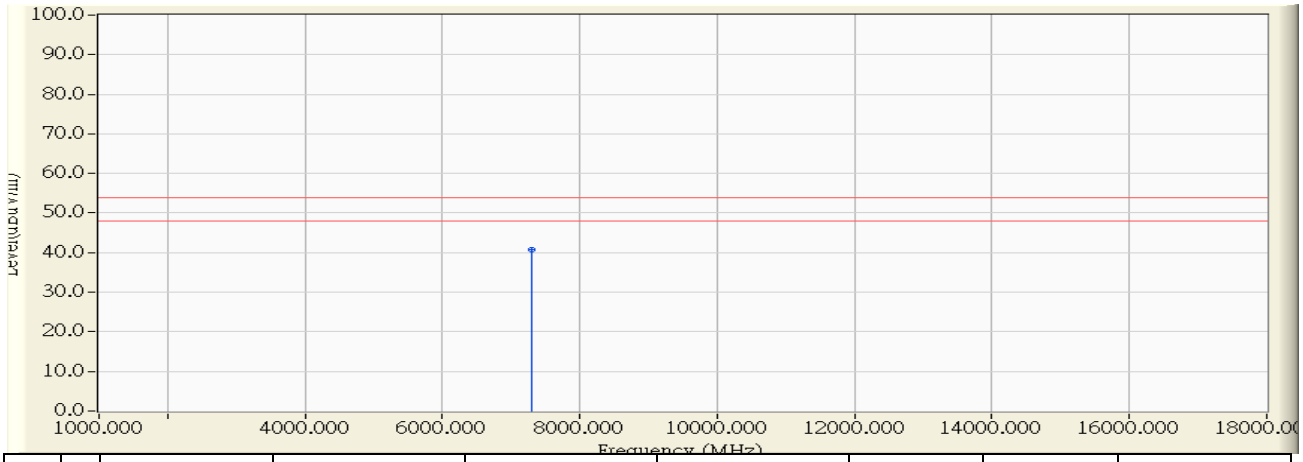


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3337.000	-3.675	44.380	40.705	-33.295	74.000	PEAK
2		4893.000	-1.649	53.160	51.511	-22.489	74.000	PEAK
3	*	7312.000	5.575	50.100	55.675	-18.325	74.000	PEAK
4		9721.000	7.447	39.150	46.597	-27.403	74.000	PEAK
5		12156.000	9.895	38.860	48.756	-25.244	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 : 2016/10/22 - 21:13**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2437MHz**

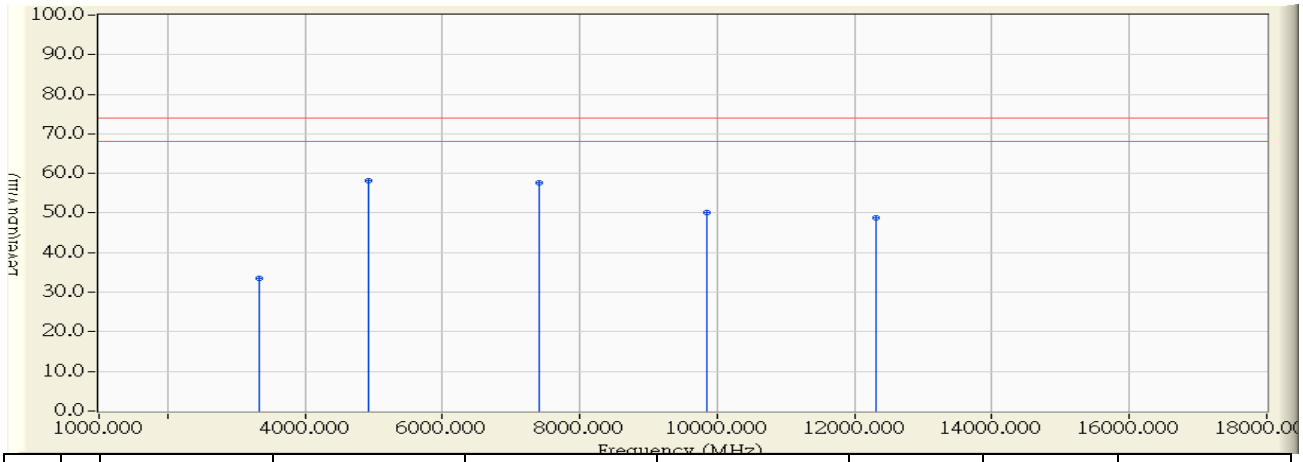


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7308.000	5.568	35.130	40.698	-13.302	54.000	AVERAGE

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 : 2016/10/22 - 21:40**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2462MHz**

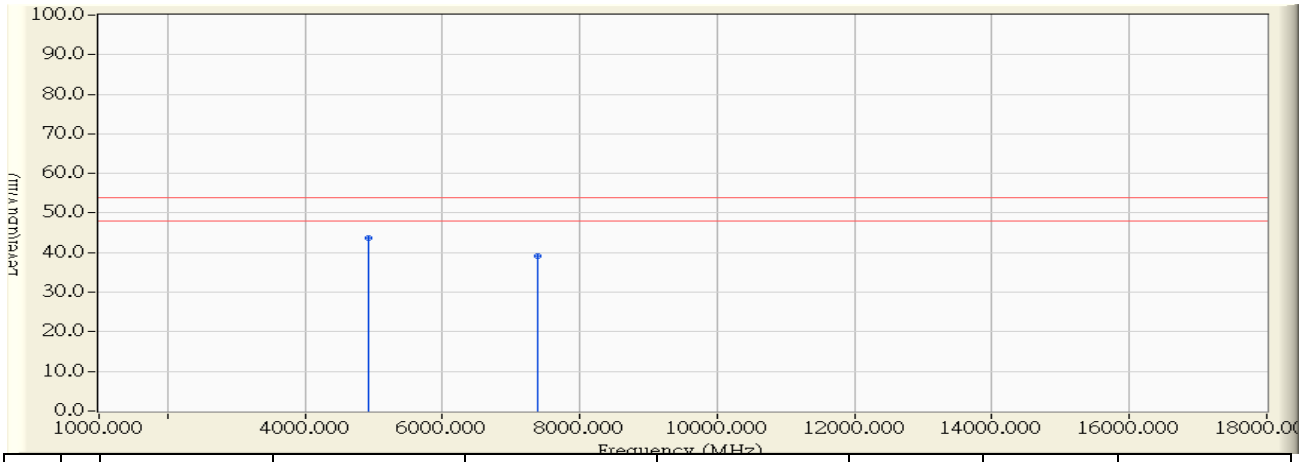


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3337.000	-6.029	39.560	33.531	-40.469	74.000	PEAK
2	*	4923.000	-2.294	60.600	58.306	-15.694	74.000	PEAK
3		7413.000	6.274	51.460	57.734	-16.266	74.000	PEAK
4		9841.000	8.704	41.560	50.264	-23.736	74.000	PEAK
5		12320.000	10.028	38.770	48.797	-25.203	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 : 2016/10/22 - 21:42**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2462MHz**

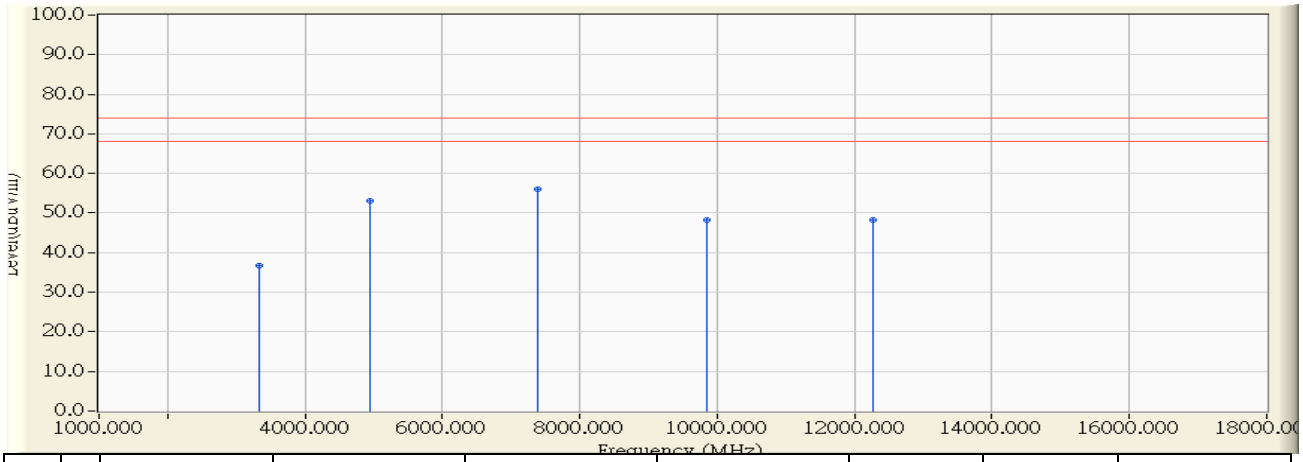


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4923.000	-2.294	45.910	43.616	-10.384	54.000	AVERAGE
2		7390.000	6.229	33.020	39.249	-14.751	54.000	AVERAGE

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 : 2016/10/22 - 21:33**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2462MHz**

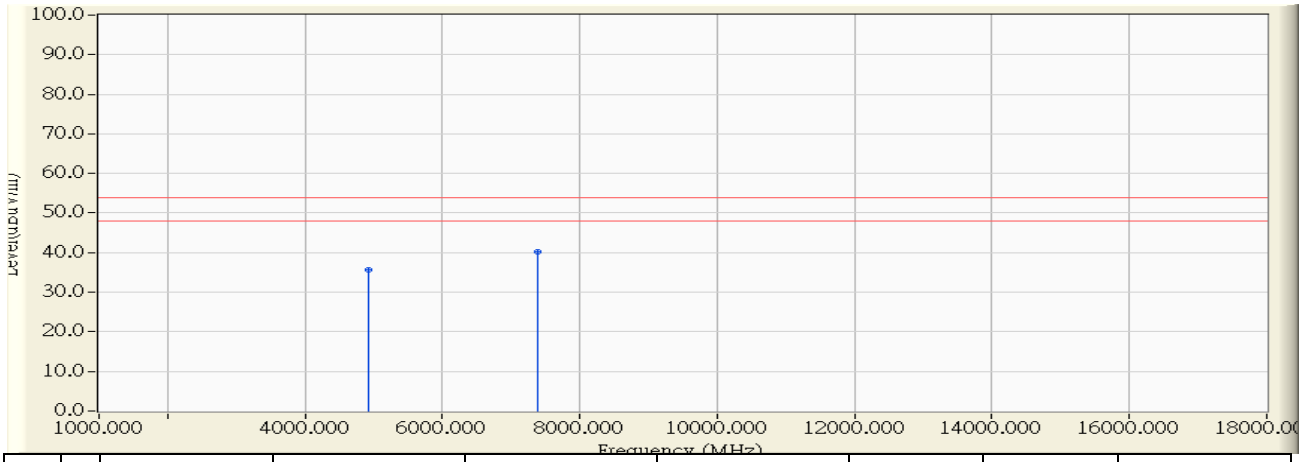


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3337.000	-3.675	40.330	36.655	-37.345	74.000	PEAK
2		4940.000	-1.641	54.650	53.009	-20.991	74.000	PEAK
3	*	7391.000	5.731	50.250	55.981	-18.019	74.000	PEAK
4		9850.000	7.952	40.230	48.182	-25.818	74.000	PEAK
5		12264.000	9.875	38.330	48.205	-25.795	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 : 2016/10/22 - 21:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n20_2462MHz**

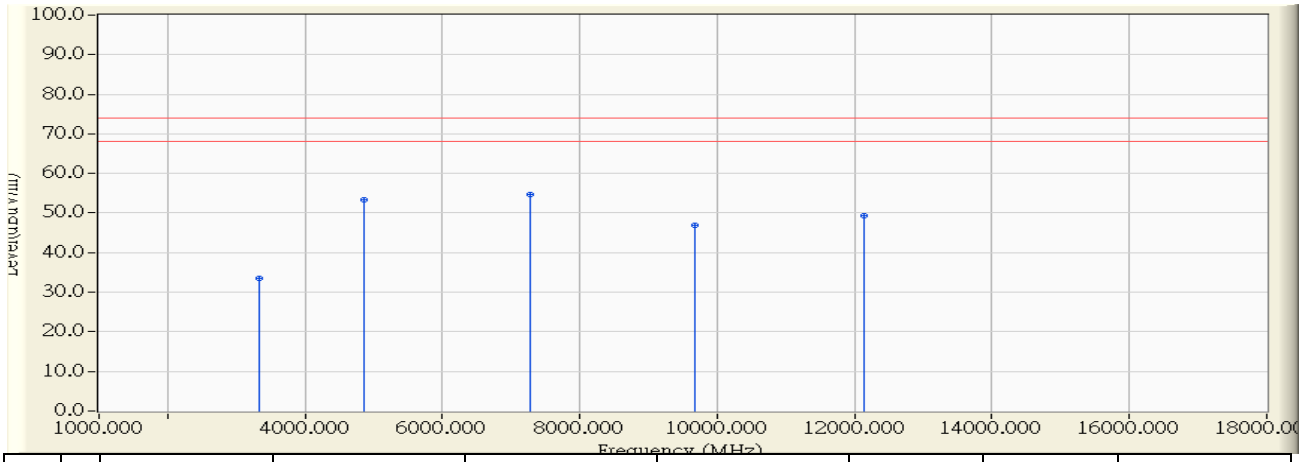


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4925.000	-1.644	37.210	35.566	-18.434	54.000	AVERAGE
2	*	7382.000	5.713	34.540	40.253	-13.747	54.000	AVERAGE

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 : 2016/10/22 - 22:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2422MHz**

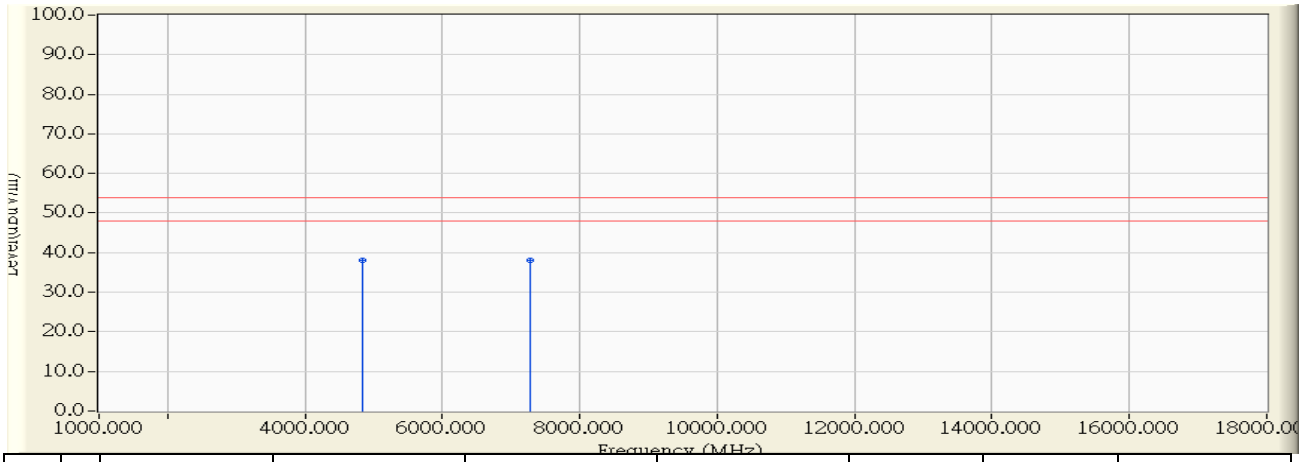


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3336.000	-6.029	39.420	33.391	-40.609	74.000	PEAK
2		4847.000	-2.498	55.960	53.462	-20.538	74.000	PEAK
3	*	7272.000	5.997	48.770	54.767	-19.233	74.000	PEAK
4		9683.000	7.848	39.180	47.028	-26.972	74.000	PEAK
5		12138.000	10.245	38.970	49.214	-24.786	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 : 2016/10/22 - 22:13**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2422MHz**

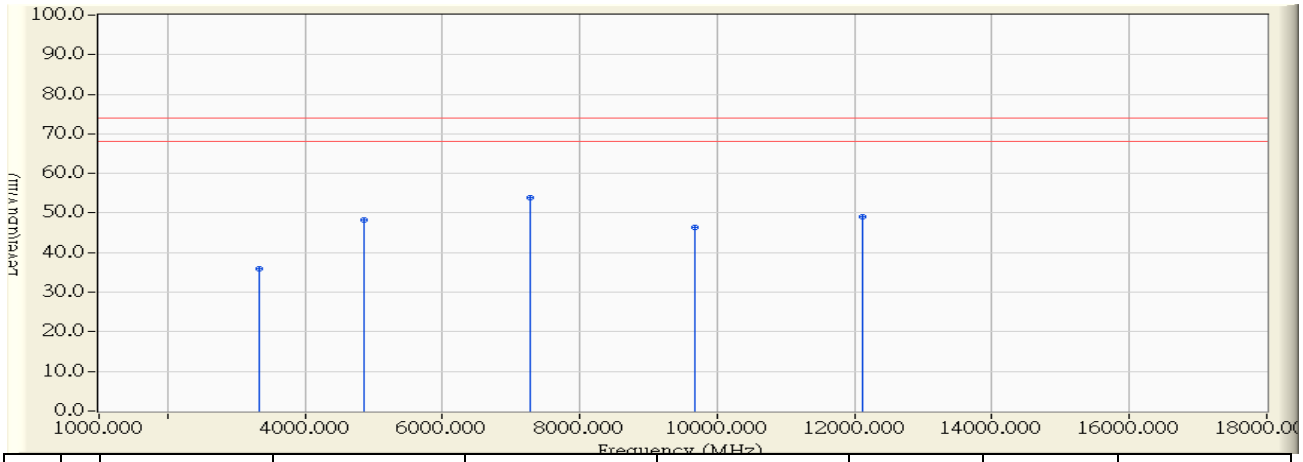


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4843.000	-2.509	40.540	38.031	-15.969	54.000	AVERAGE
2		7281.000	6.014	32.010	38.024	-15.976	54.000	AVERAGE

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 : 2016/10/22 - 21:52**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2422MHz**

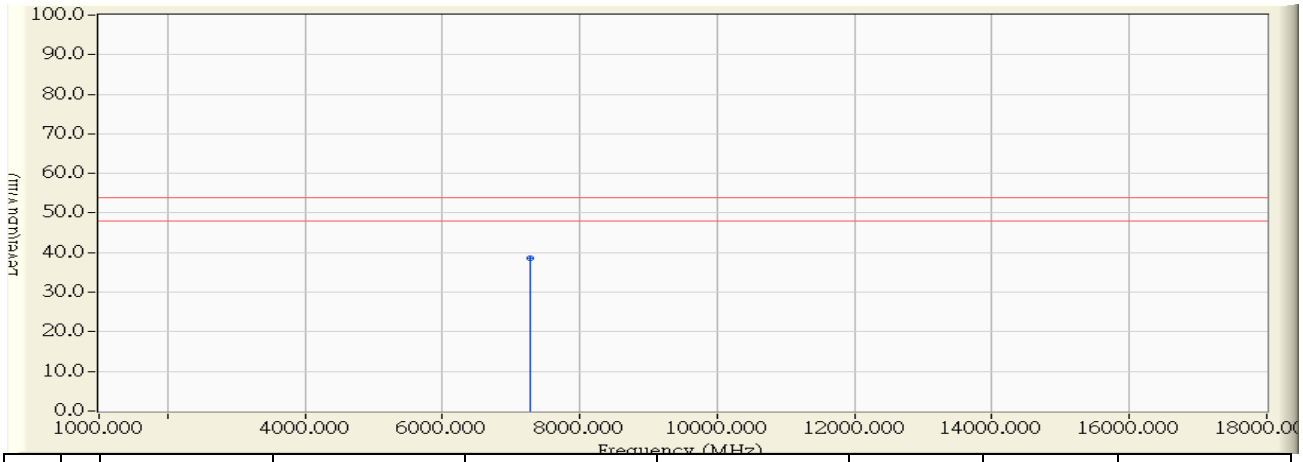


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3337.000	-3.675	39.710	36.035	-37.965	74.000	PEAK
2		4851.000	-1.657	49.960	48.303	-25.697	74.000	PEAK
3	*	7279.000	5.511	48.270	53.781	-20.219	74.000	PEAK
4		9673.000	7.259	39.140	46.399	-27.601	74.000	PEAK
5		12119.000	9.904	39.110	49.013	-24.987	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 : 2016/10/22 - 21:52**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2422MHz**

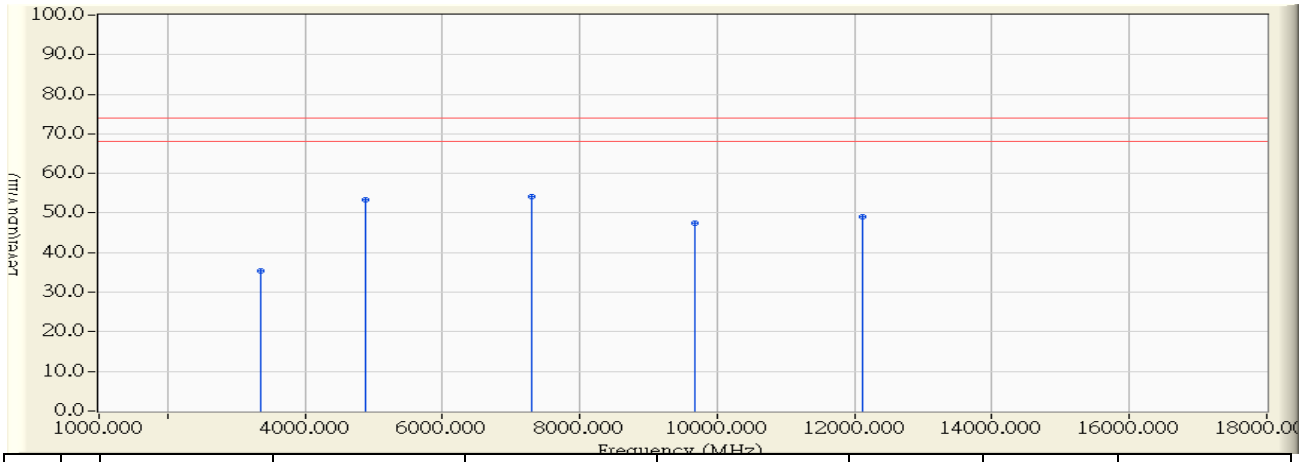


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7267.000	5.487	33.230	38.717	-15.283	54.000	AVERAGE

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 : 2016/10/22 - 21:57**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2437MHz**

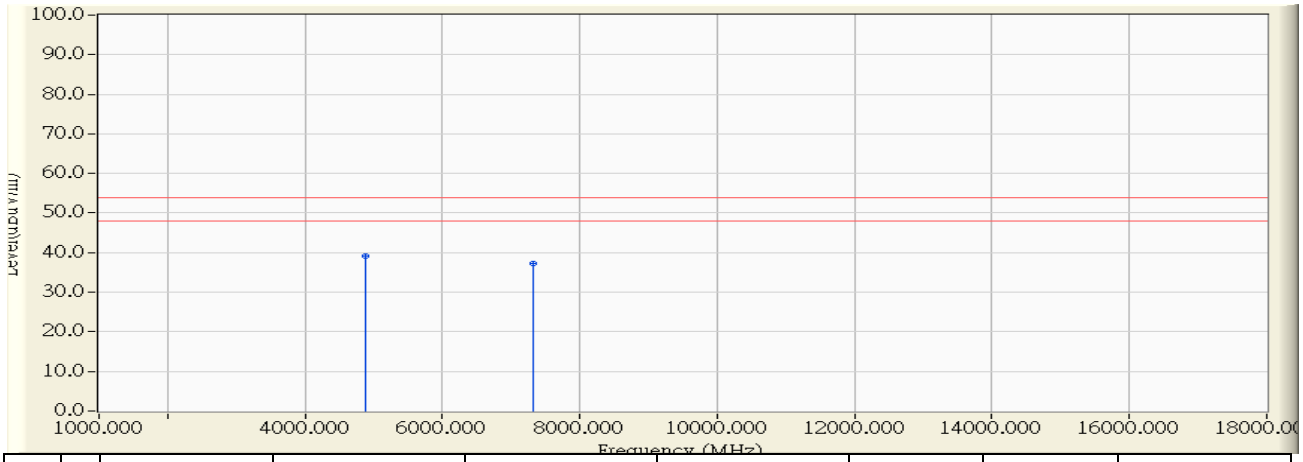


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3363.000	-6.027	41.480	35.453	-38.547	74.000	PEAK
2		4870.000	-2.436	55.880	53.444	-20.556	74.000	PEAK
3	*	7293.000	6.038	48.050	54.088	-19.912	74.000	PEAK
4		9666.000	7.756	39.650	47.406	-26.594	74.000	PEAK
5		12112.000	10.275	38.850	49.125	-24.875	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 : 2016/10/22 - 21:58**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2437MHz**

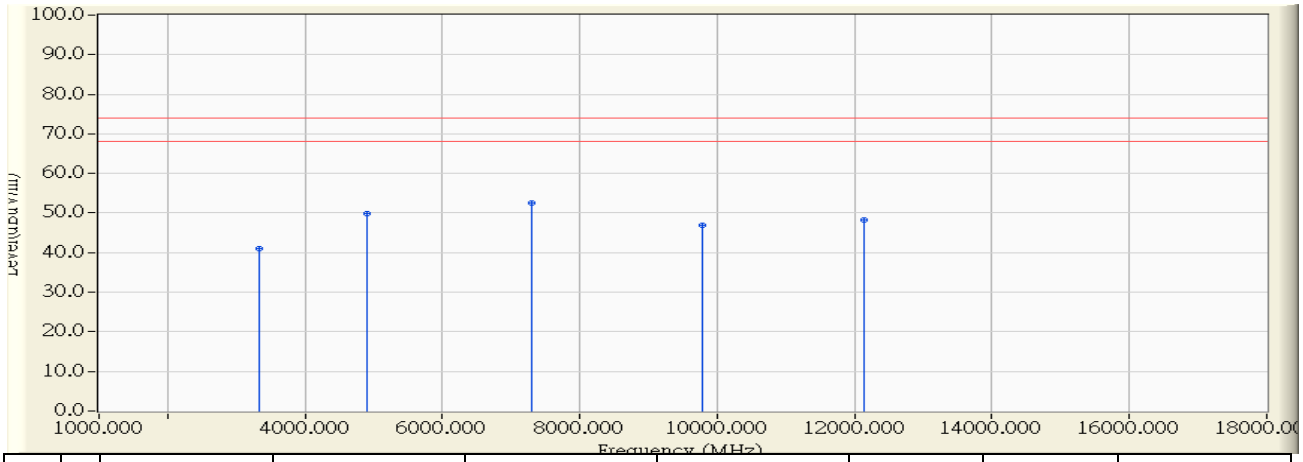


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4872.000	-2.431	41.500	39.069	-14.931	54.000	AVERAGE
2		7316.000	6.083	31.210	37.293	-16.707	54.000	AVERAGE

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 : 2016/10/22 - 22:22**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2437MHz**

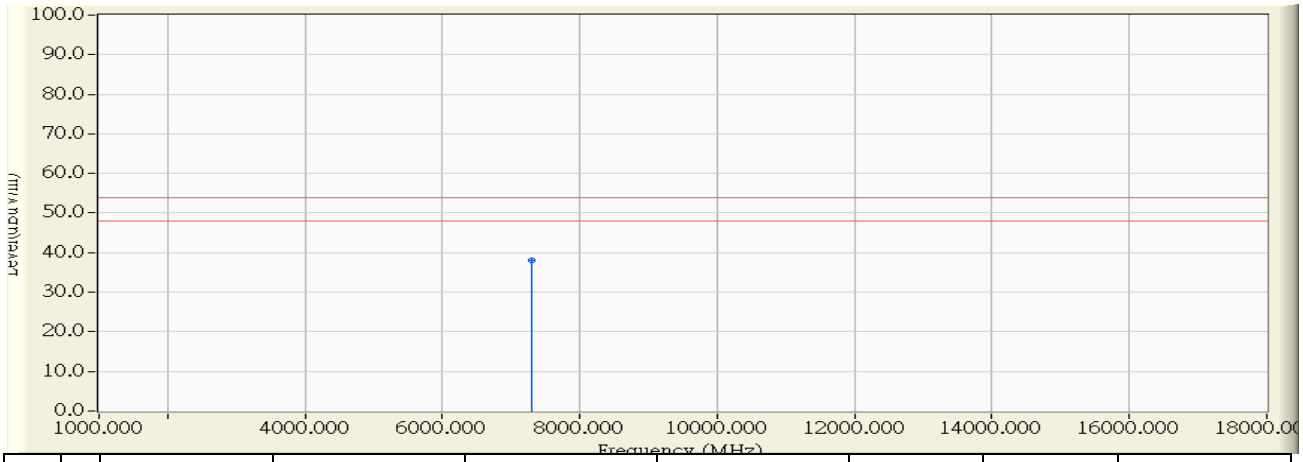


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3337.000	-3.675	44.610	40.935	-33.065	74.000	PEAK
2		4902.000	-1.647	51.500	49.852	-24.148	74.000	PEAK
3	*	7307.000	5.565	46.960	52.526	-21.474	74.000	PEAK
4		9775.000	7.659	39.350	47.008	-26.992	74.000	PEAK
5		12148.000	9.898	38.370	48.267	-25.733	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 : 2016/10/22 - 22:25**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2437MHz**

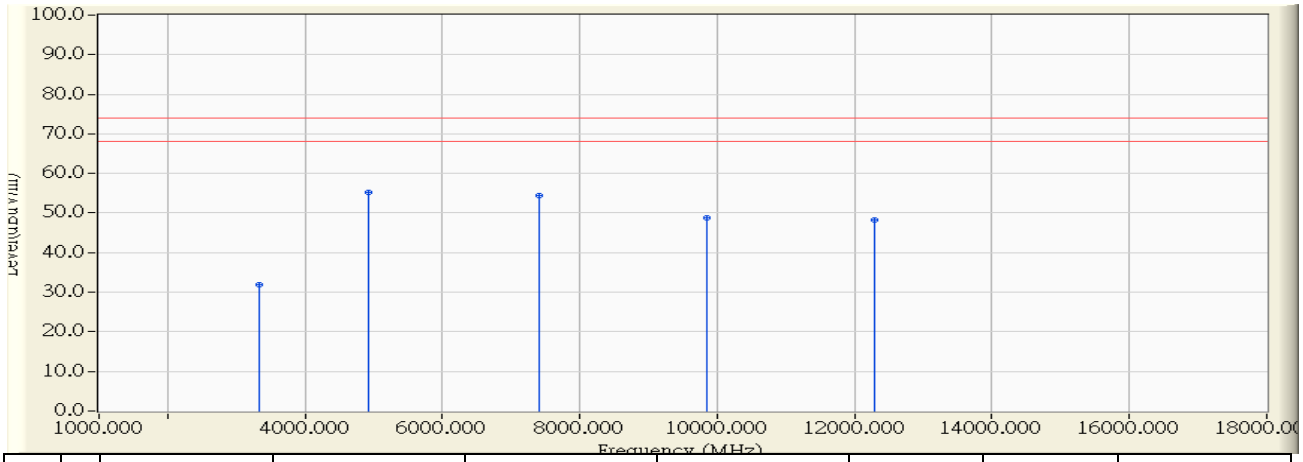


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7307.000	5.565	32.380	37.946	-16.054	54.000	AVERAGE

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 : 2016/10/22 - 22:41**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2452MHz**

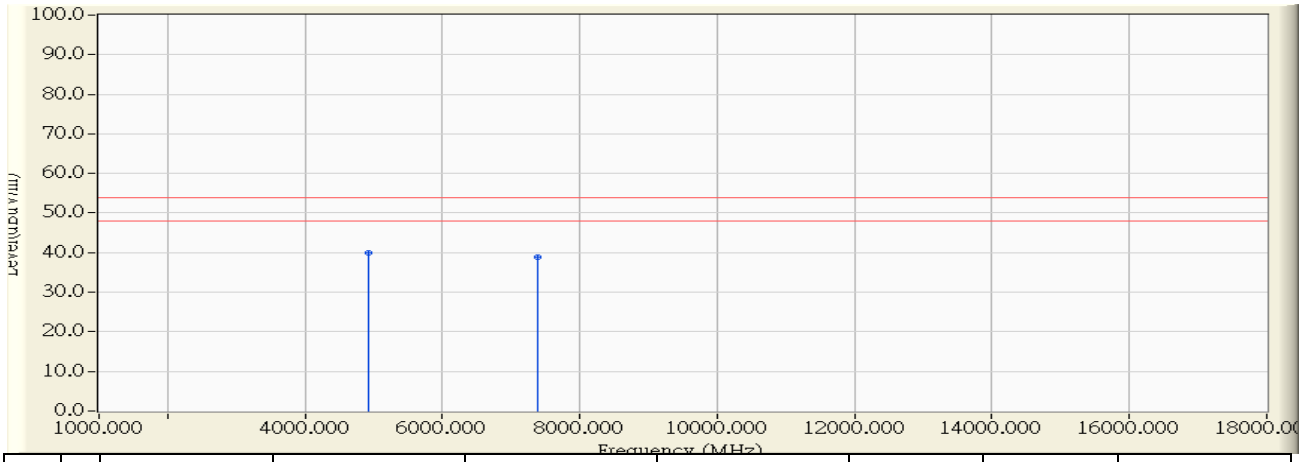


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3341.000	-6.029	37.890	31.861	-42.139	74.000	PEAK
2	*	4926.000	-2.286	57.390	55.104	-18.896	74.000	PEAK
3		7416.000	6.280	48.130	54.410	-19.590	74.000	PEAK
4		9840.000	8.699	40.150	48.848	-25.152	74.000	PEAK
5		12280.000	10.076	38.210	48.285	-25.715	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 : 2016/10/22 - 22:42**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2452MHz**

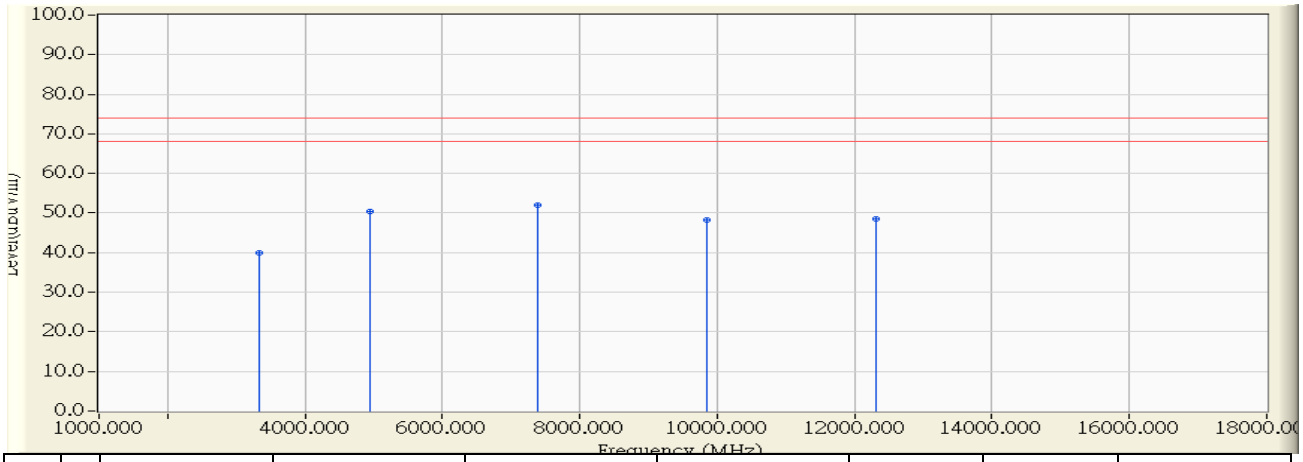


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4922.000	-2.297	42.240	39.943	-14.057	54.000	AVERAGE
2		7395.000	6.239	32.720	38.959	-15.041	54.000	AVERAGE

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 : 2016/10/22 - 22:33**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2452MHz**

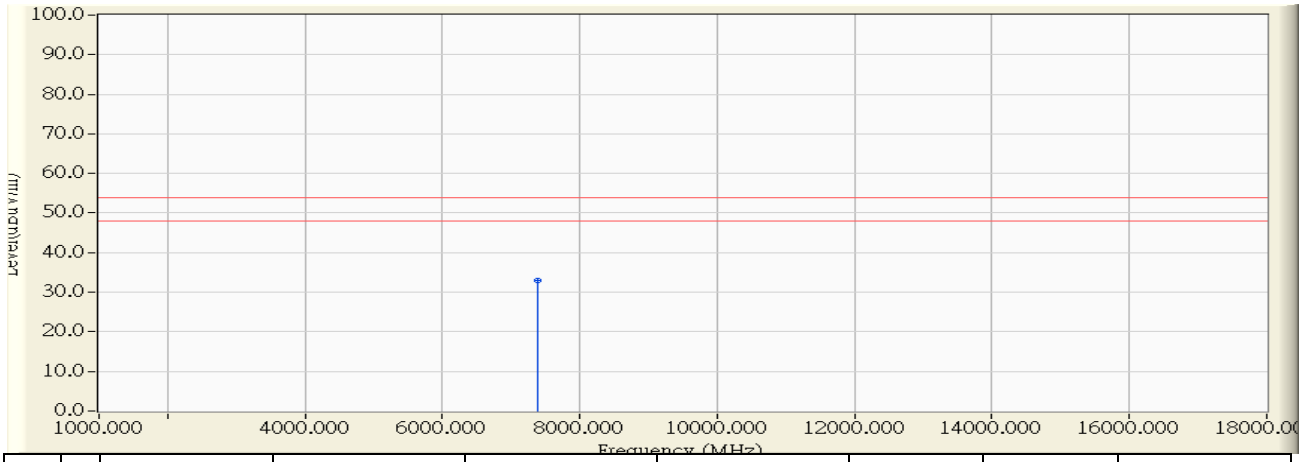


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3329.000	-3.683	43.510	39.826	-34.174	74.000	PEAK
2		4944.000	-1.641	52.050	50.410	-23.590	74.000	PEAK
3	*	7395.000	5.739	46.340	52.079	-21.921	74.000	PEAK
4		9846.000	7.936	40.250	48.187	-25.813	74.000	PEAK
5		12305.000	9.867	38.580	48.447	-25.553	74.000	PEAK

Note:

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

Site : CB1	**Time : 2016/10/22 - 22:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : DC 5V (Power by Notebook PC)**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Note : Mode 2: Transmit_CDD Mode 802.11n40_2452MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7394.000	5.737	27.193	32.930	-21.070	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.

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

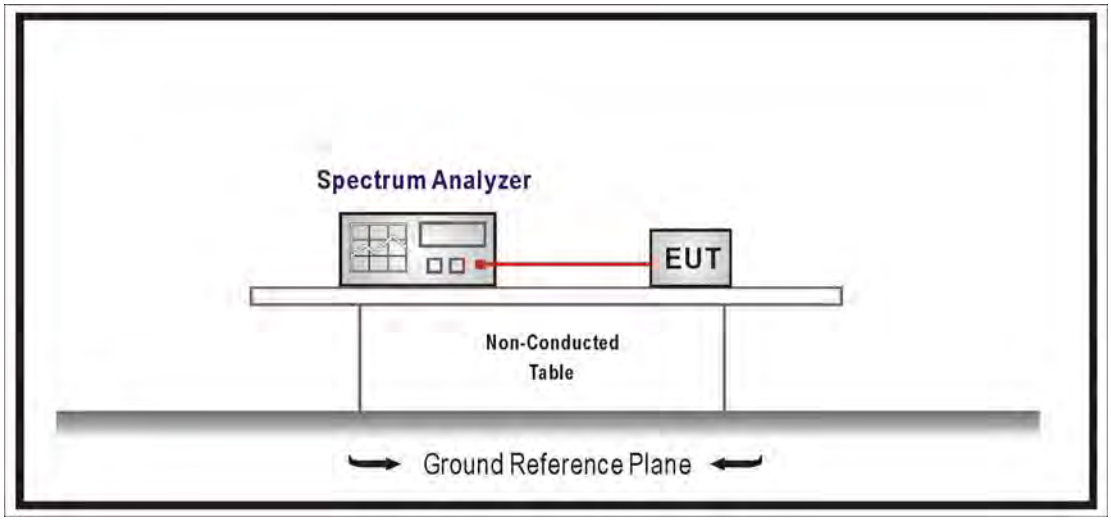
RF antenna conducted test / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08
Signal & Spectrum Analyzer	R&S	FSV40	101049	2017/01/05
Signal Analyzer	R&S	FSV7	101650	2017/11/15

Note: 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 C63.10: 2013 and tested according to DTS test procedure section 11.2 of KDB558074 v03r05 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: 2015

5.6. Uncertainty

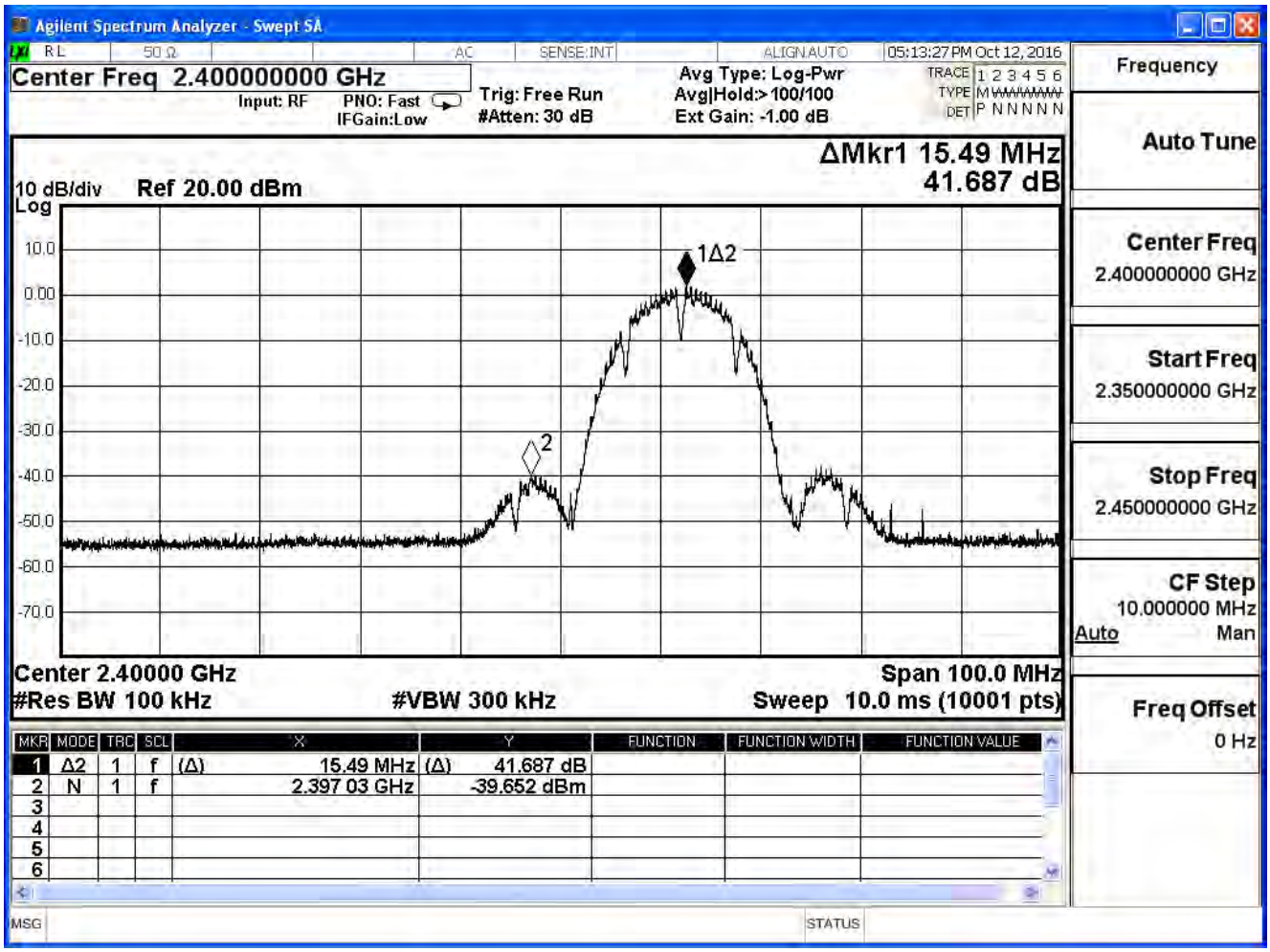
Conducted is defined as ± 1.27dB

5.7. Test Result

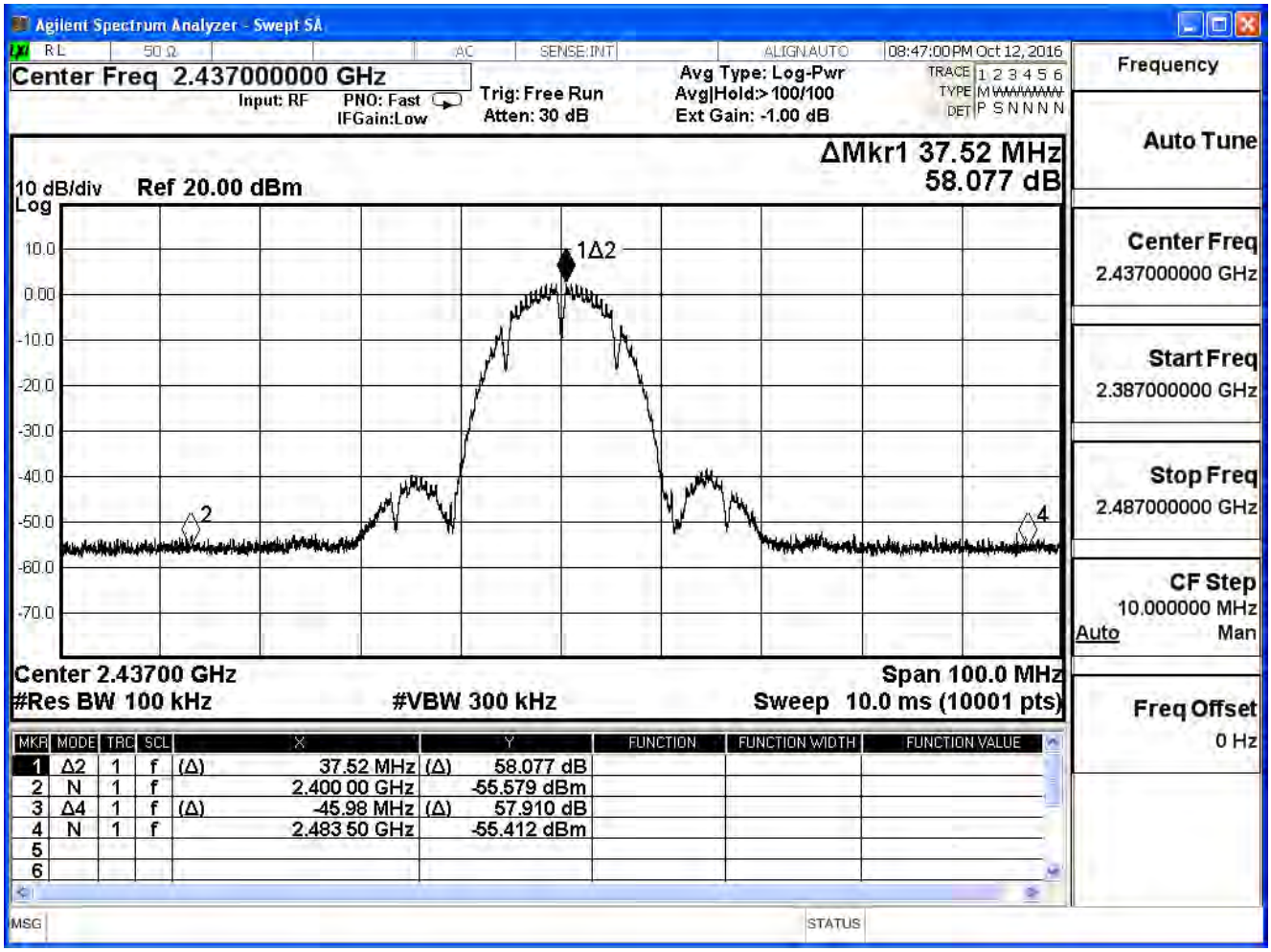
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11b (ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	41.687	≧30	Pass
6	2437	58.077	≧30	Pass
11	2462	55.903	≧30	Pass

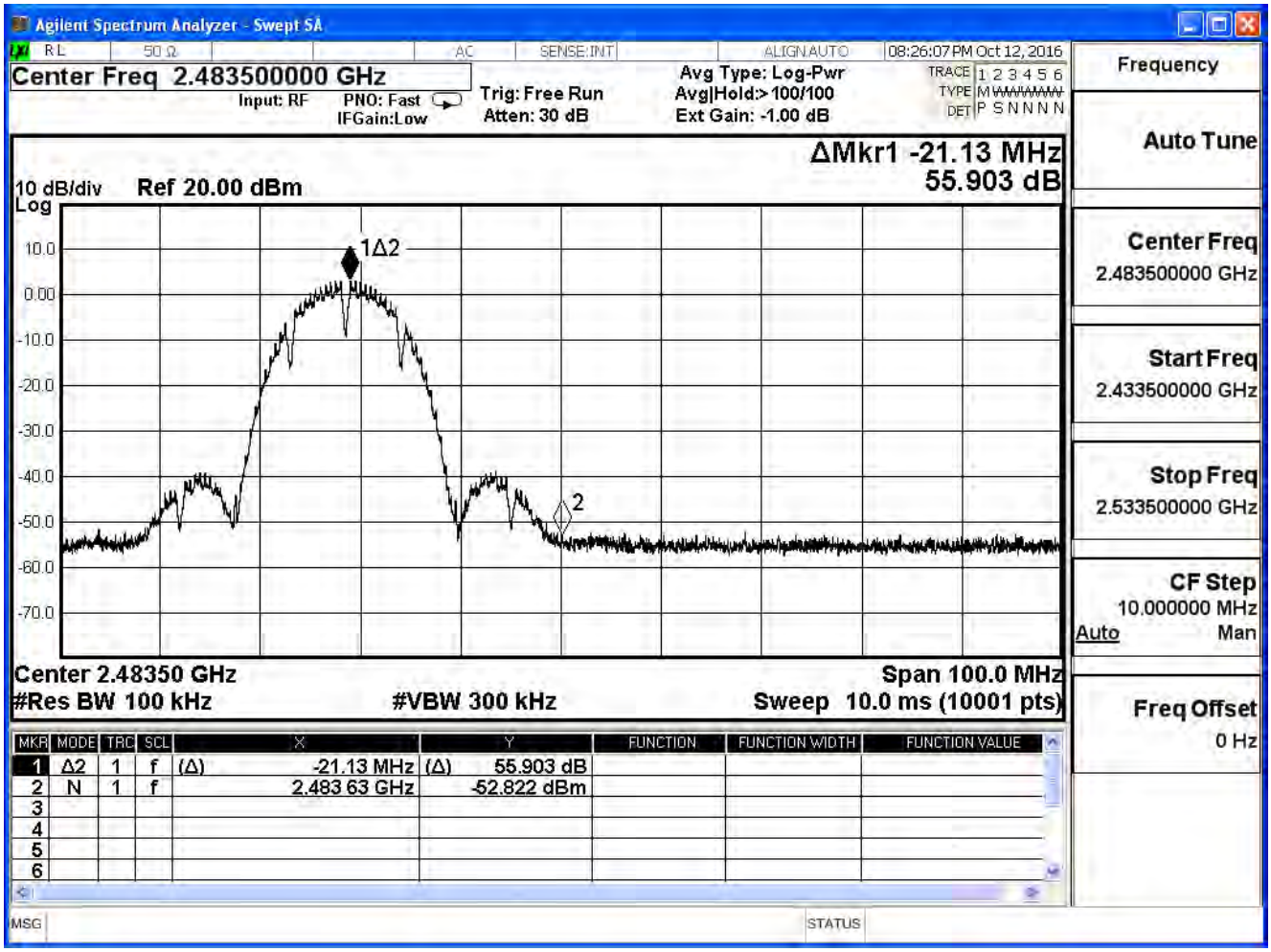
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:47:00 PM Oct 12, 2016
ΔMkr1 37.52 MHz
58.077 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.43700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 37.52 MHz 58.077 dB
2 N 1 f 2.400 00 GHz -55.579 dBm
3 Δ4 1 f -45.98 MHz 57.910 dB
4 N 1 f 2.483 50 GHz -55.412 dBm
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.387000000 GHz
Stop Freq
2.487000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

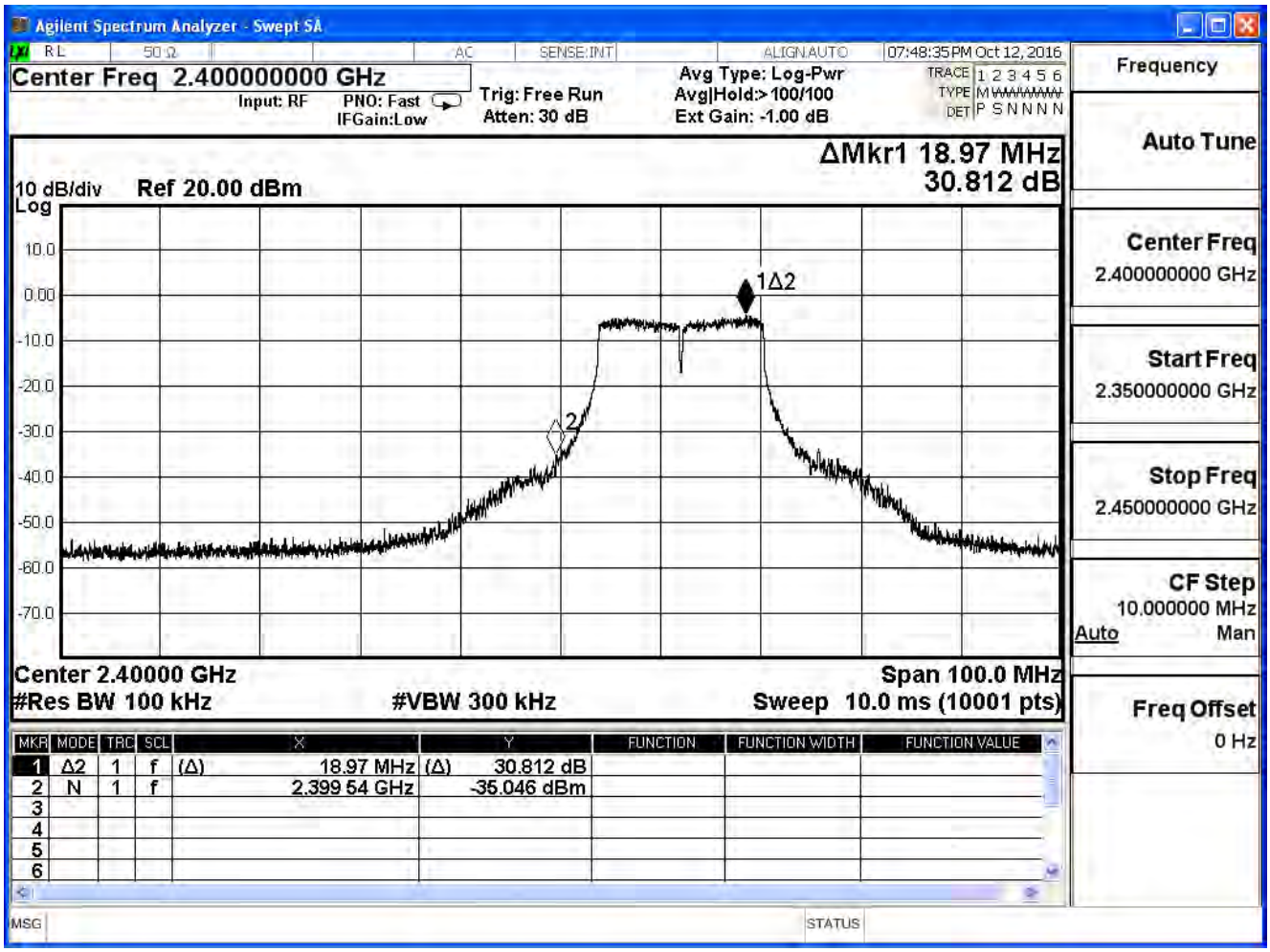
Channel 11


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:26:07 PM Oct 12, 2016
Center Freq 2.483500000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P S N N N N
ΔMkr1 -21.13 MHz
55.903 dB
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1Δ2
2
Center 2.48350 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 Δ2 1 f (Δ) -21.13 MHz (Δ) 55.903 dB
2 N 1 f 2.483 63 GHz -52.822 dBm
3
4
5
6
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.483500000 GHz
Start Freq
2.433500000 GHz
Stop Freq
2.533500000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

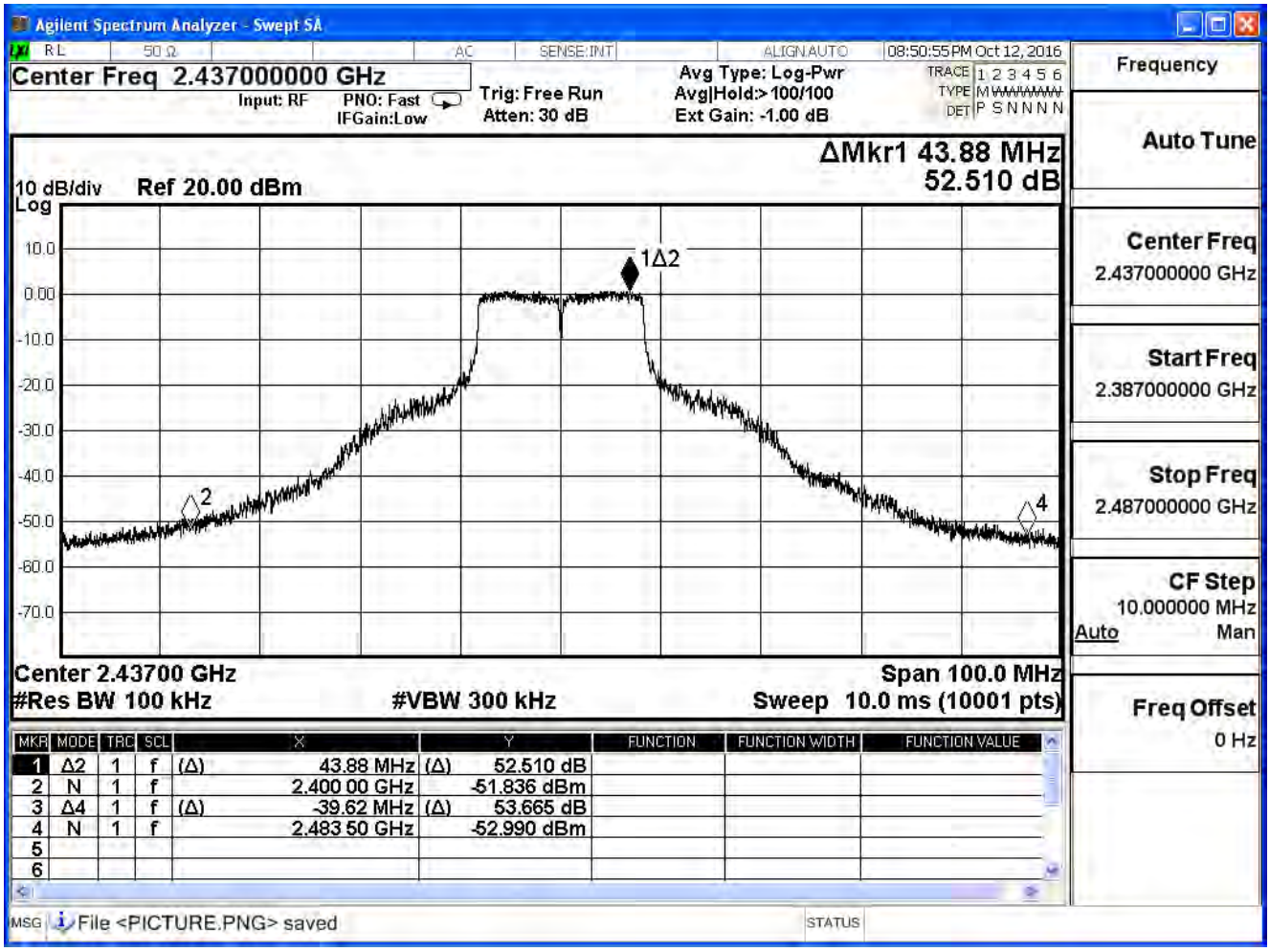
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	30.812	≧30	Pass
6	2437	52.510	≧30	Pass
11	2462	35.928	≧30	Pass

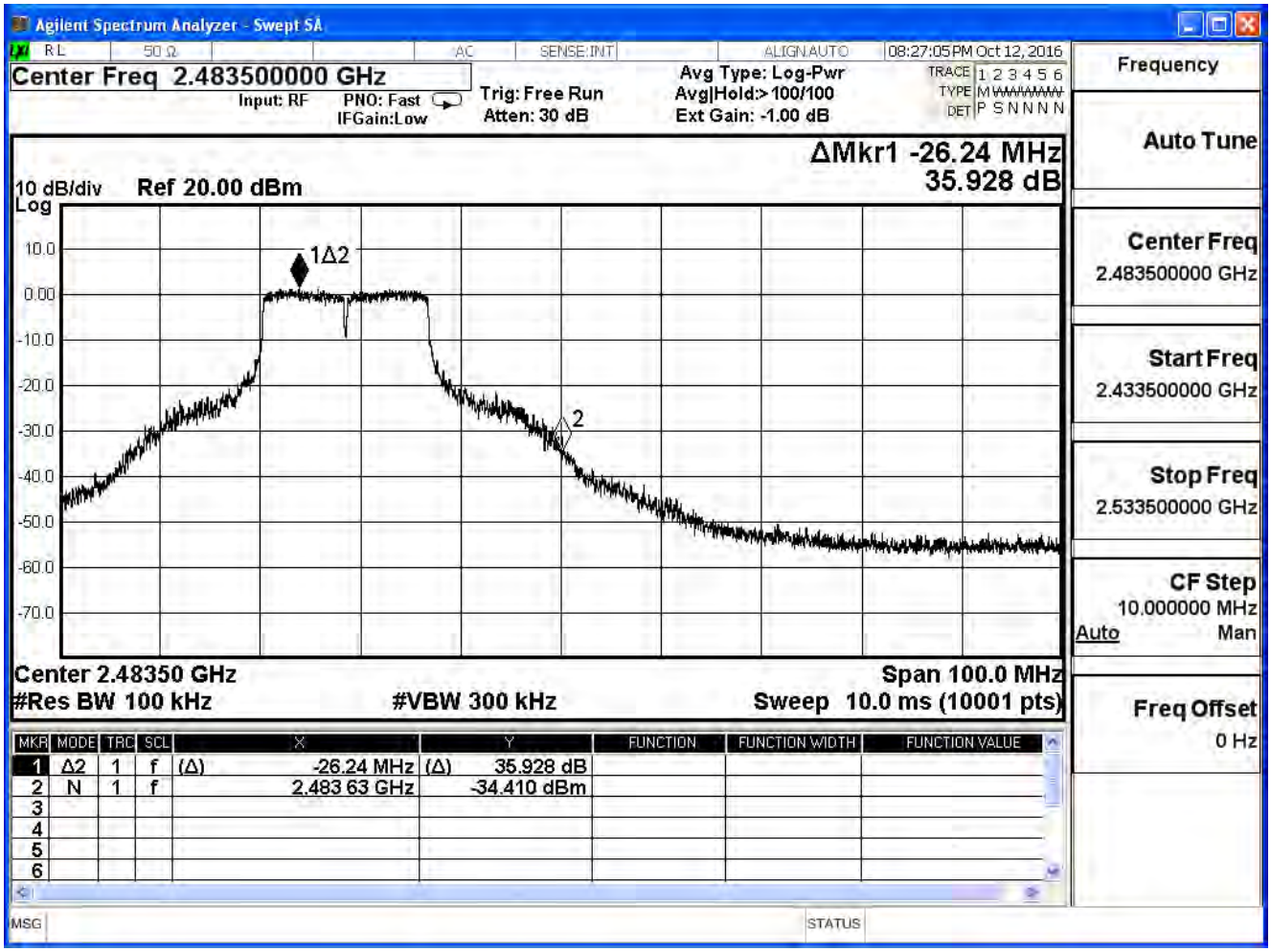
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:50:55 PM Oct 12, 2016
ΔMkr1 43.88 MHz
52.510 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.43700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 43.88 MHz 52.510 dB
2 N 1 f 2.400 00 GHz -51.836 dBm
3 Δ4 1 f -39.62 MHz 53.665 dB
4 N 1 f 2.483 50 GHz -52.990 dBm
File <PICTURE.PNG> saved
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.387000000 GHz
Stop Freq
2.487000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

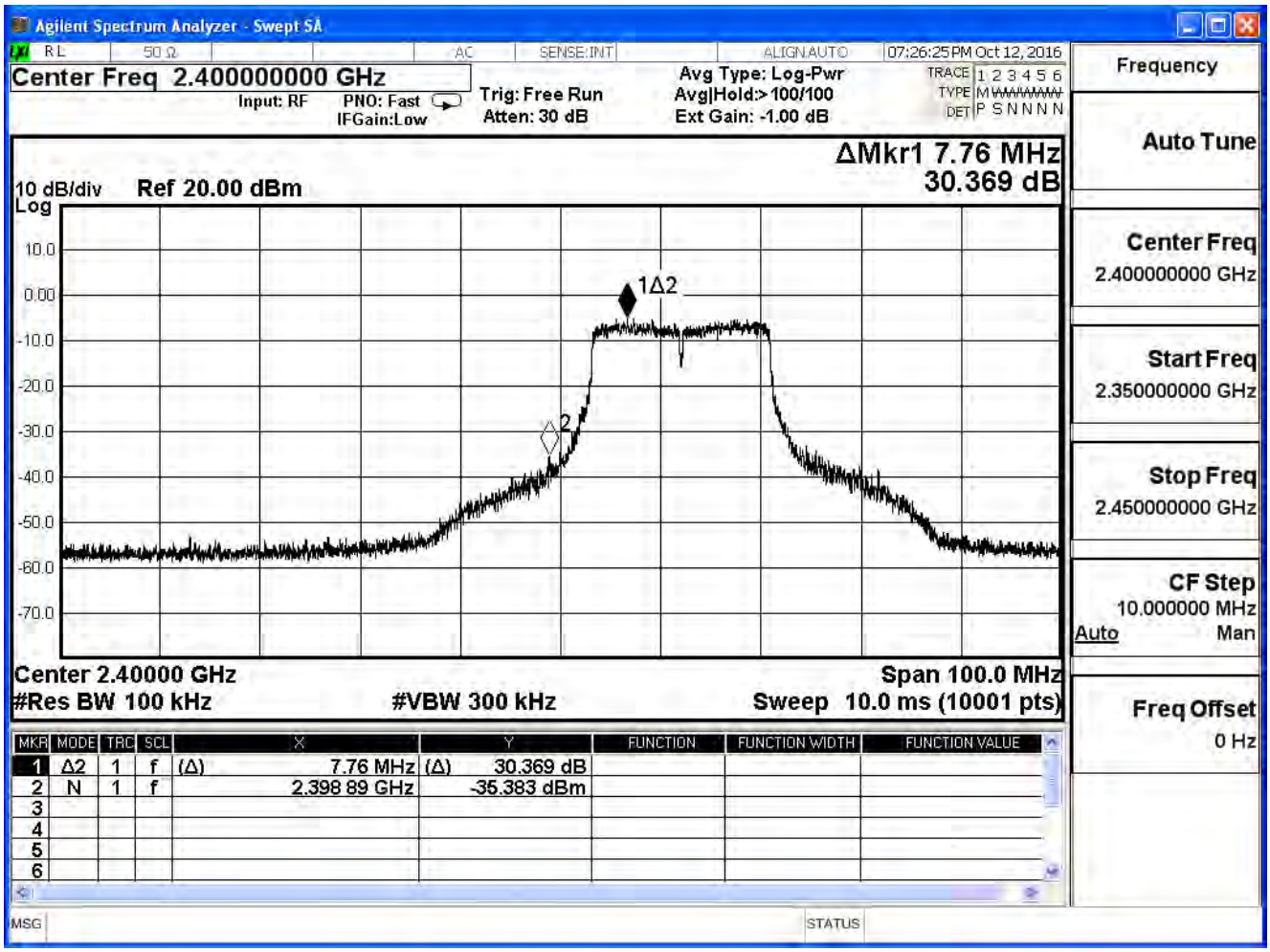
Channel 11


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.483500000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:27:05 PM Oct 12, 2016
ΔMkr1 -26.24 MHz
35.928 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.48350 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 -26.24 MHz 35.928 dB
2 N 1 f 2.483 63 GHz -34.410 dBm
Frequency
Auto Tune
Center Freq
2.483500000 GHz
Start Freq
2.433500000 GHz
Stop Freq
2.533500000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

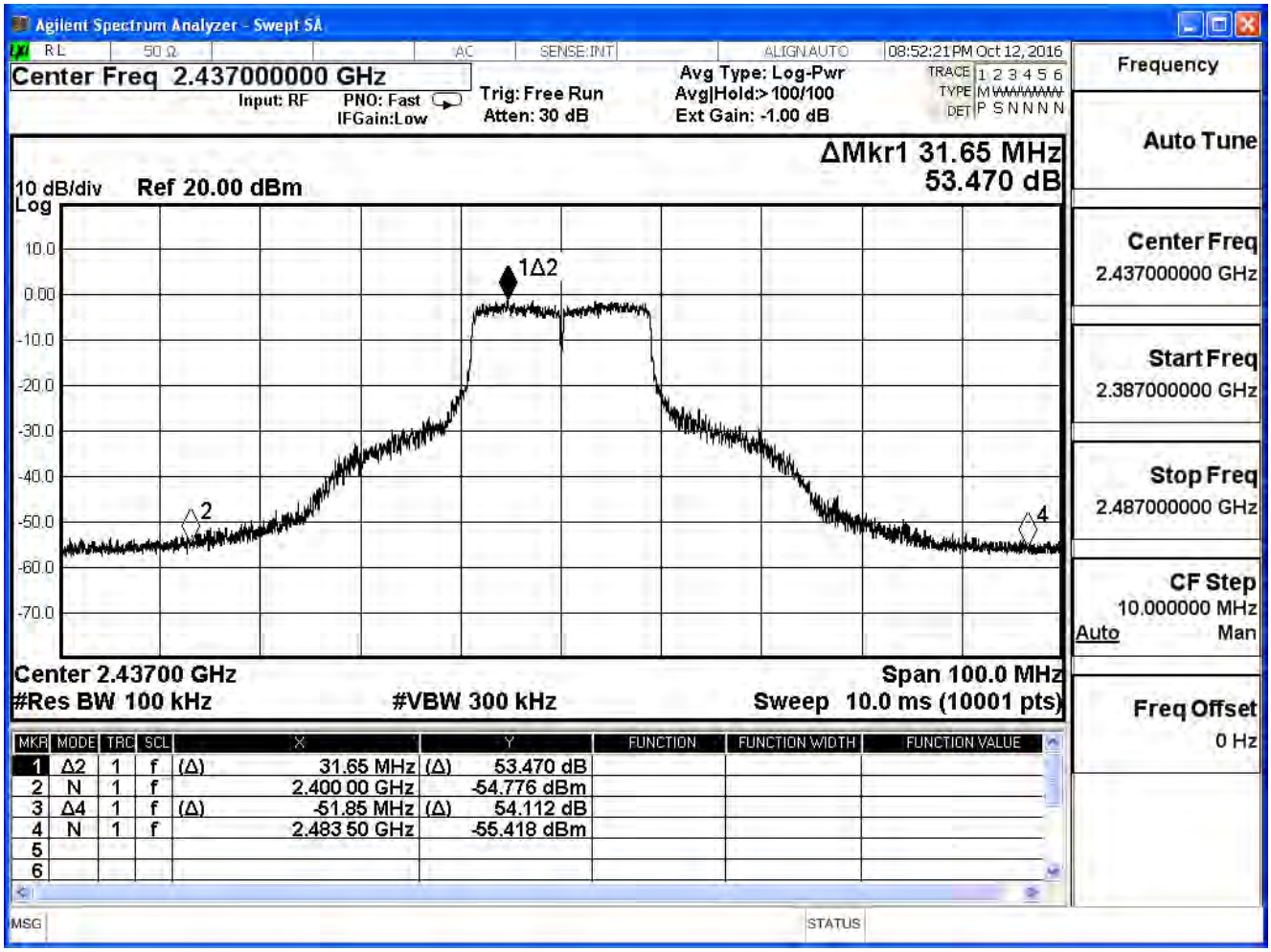
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11n_20M (ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	30.369	≧30	Pass
6	2437	53.470	≧30	Pass
11	2462	31.630	≧30	Pass

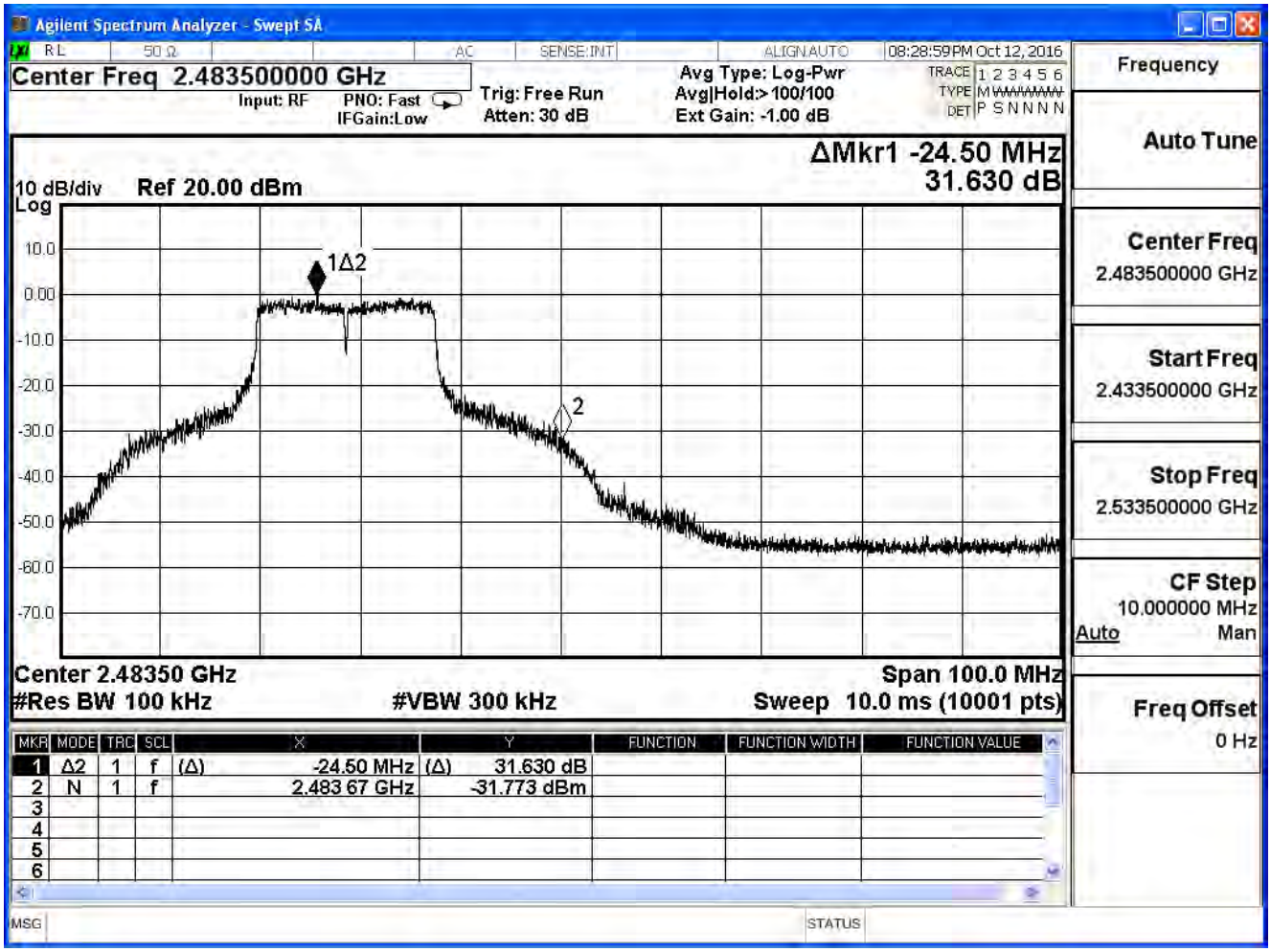
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:52:21 PM Oct 12, 2016
ΔMkr1 31.65 MHz
53.470 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.43700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 1 f (Δ) 31.65 MHz (Δ) 53.470 dB
2 N 1 f 2.400 00 GHz -54.776 dBm
3 Δ4 1 f (Δ) -51.85 MHz (Δ) 54.112 dB
4 N 1 f 2.483 50 GHz -55.418 dBm
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.387000000 GHz
Stop Freq
2.487000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 11

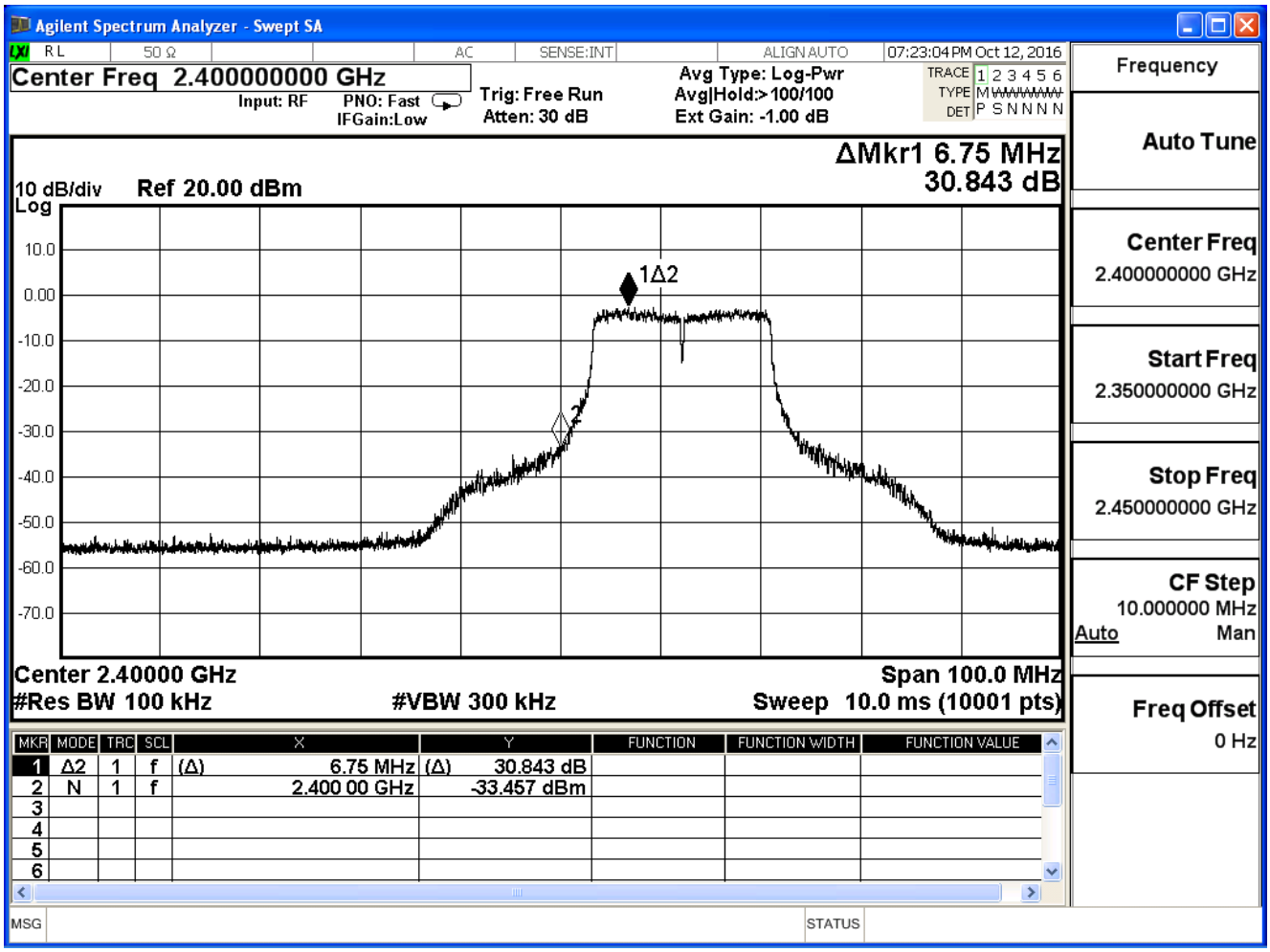

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.483500000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:28:59 PM Oct 12, 2016
ΔMkr1 -24.50 MHz
31.630 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.48350 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 -24.50 MHz 31.630 dB
2 N 1 f 2.483 67 GHz -31.773 dBm
Frequency
Auto Tune
Center Freq
2.483500000 GHz
Start Freq
2.433500000 GHz
Stop Freq
2.533500000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

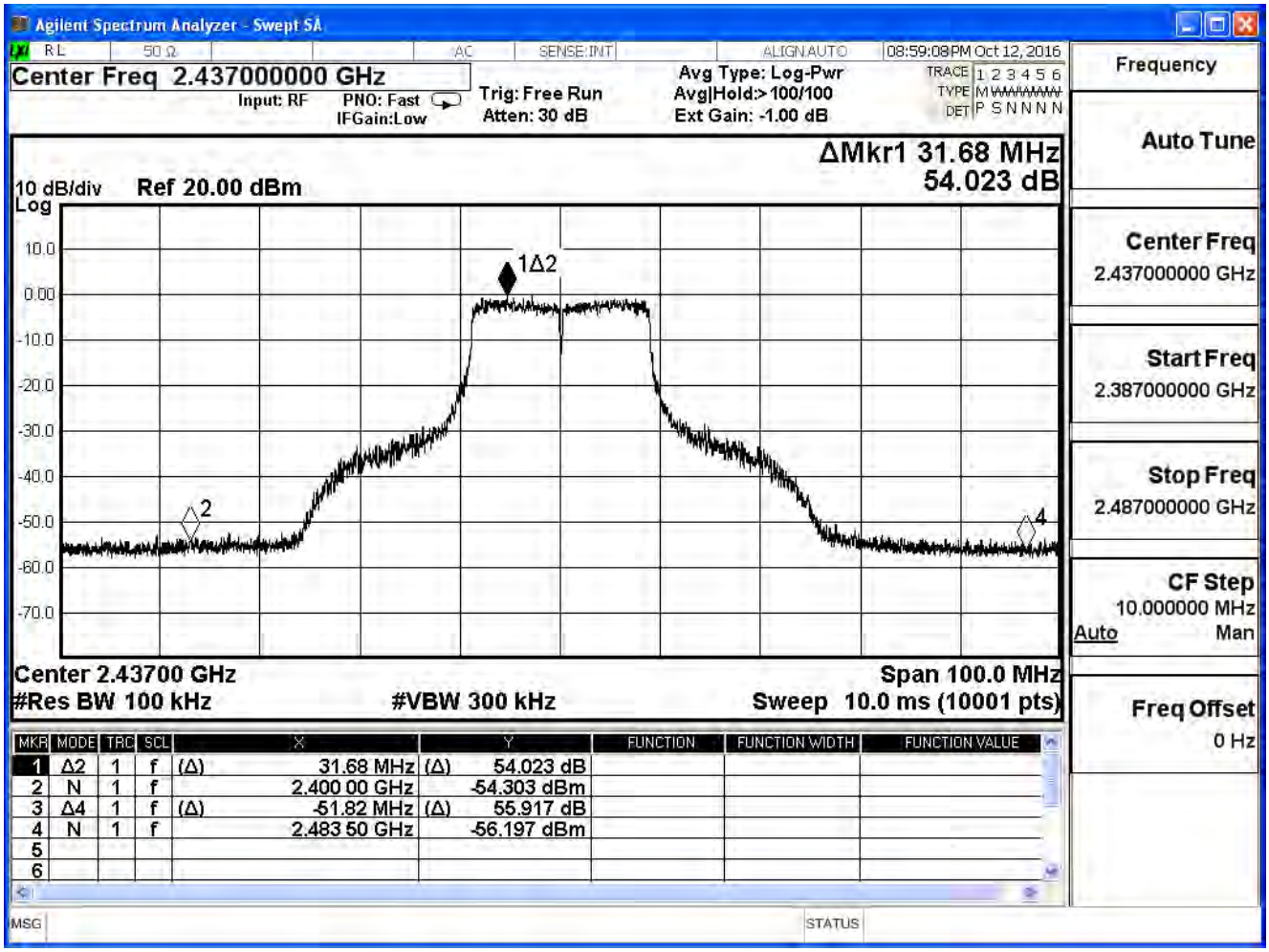
IEEE 802.11n_20M (ANT 1)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	30.843	≧30	Pass
6	2437	54.023	≧30	Pass
11	2462	39.214	≧30	Pass

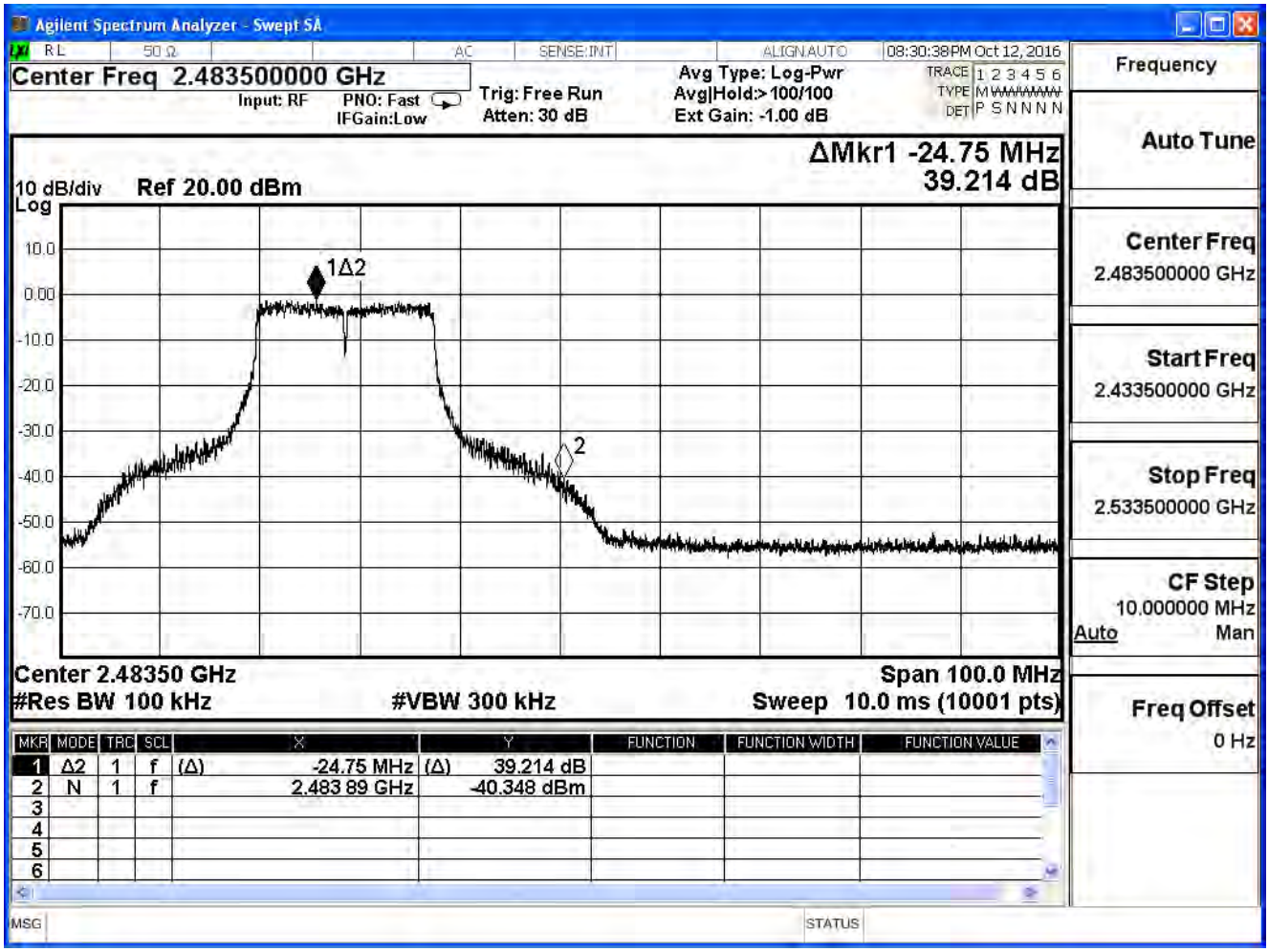
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:59:08 PM Oct 12, 2016
ΔMkr1 31.68 MHz
54.023 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.43700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 1 f (Δ) 31.68 MHz (Δ) 54.023 dB
2 N 1 f 2.400 00 GHz -54.303 dBm
3 Δ4 1 f (Δ) -51.82 MHz (Δ) 55.917 dB
4 N 1 f 2.483 50 GHz -56.197 dBm
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.387000000 GHz
Stop Freq
2.487000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

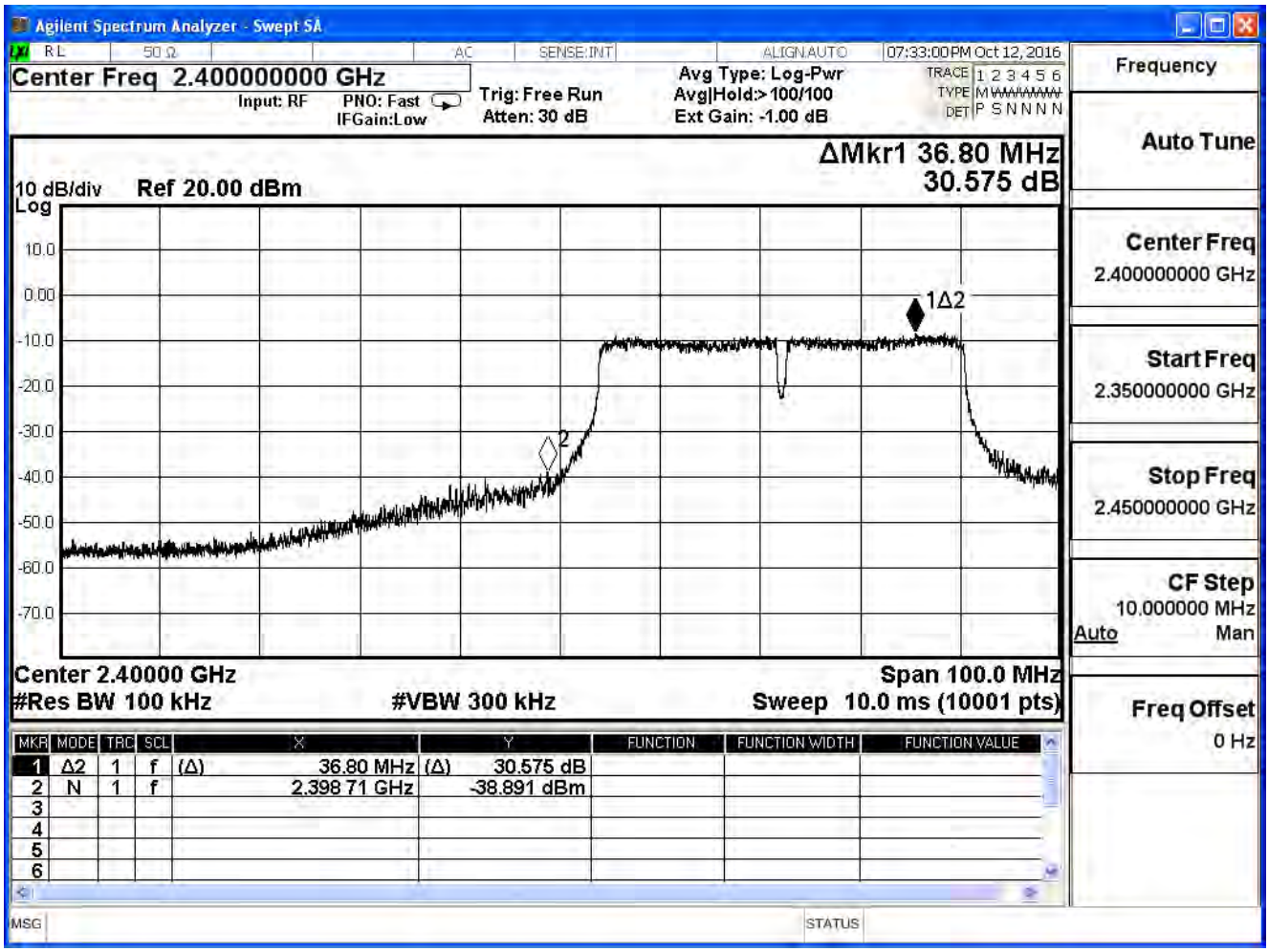
Channel 11


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.483500000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:30:38 PM Oct 12, 2016
ΔMkr1 -24.75 MHz
39.214 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.48350 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 -24.75 MHz 39.214 dB
2 N 1 f 2.483 89 GHz -40.348 dBm
Frequency
Auto Tune
Center Freq
2.483500000 GHz
Start Freq
2.433500000 GHz
Stop Freq
2.533500000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

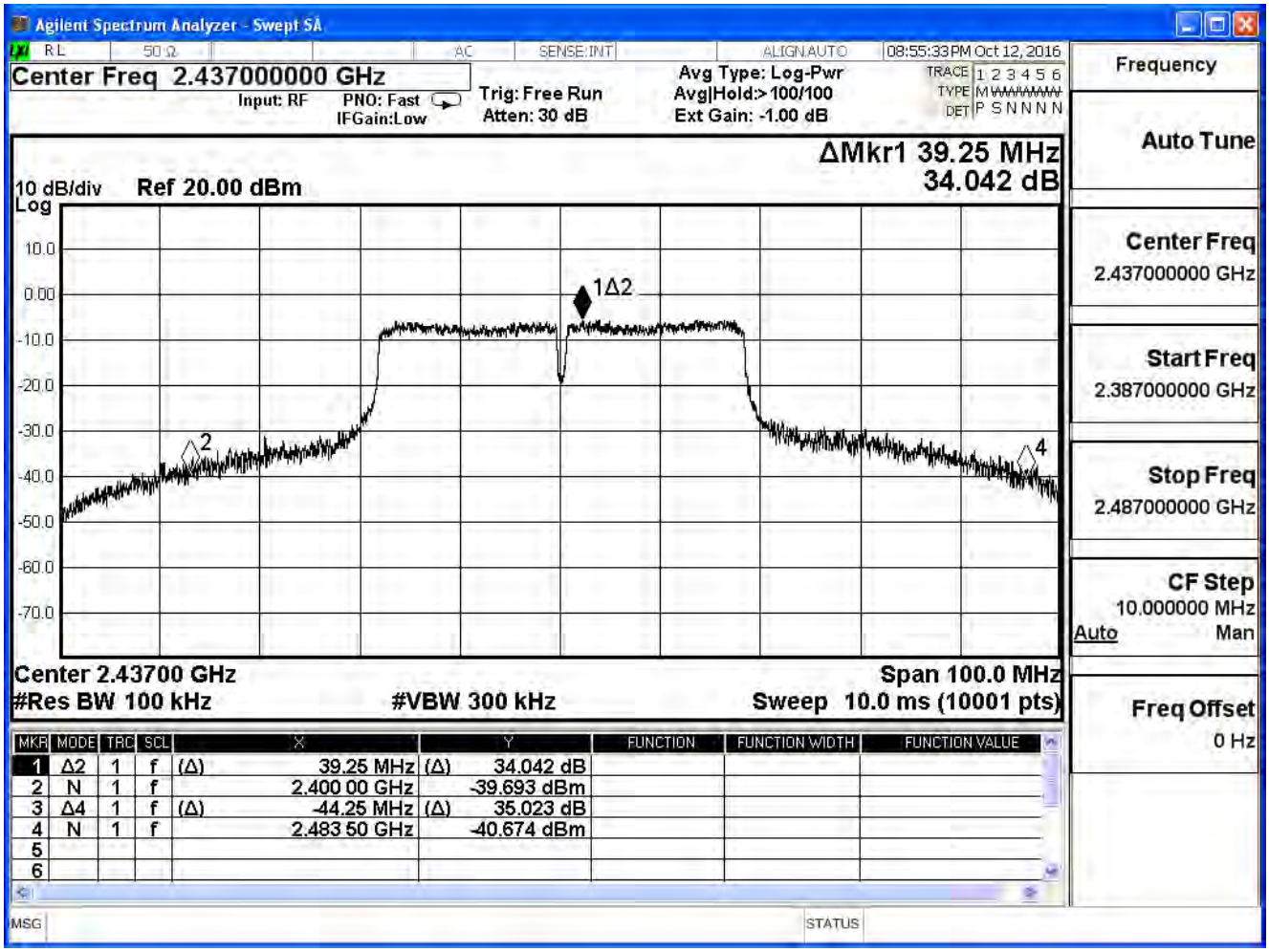
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11n_40M (ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	30.575	≧30	Pass
6	2437	34.042	≧30	Pass
9	2452	31.229	≧30	Pass

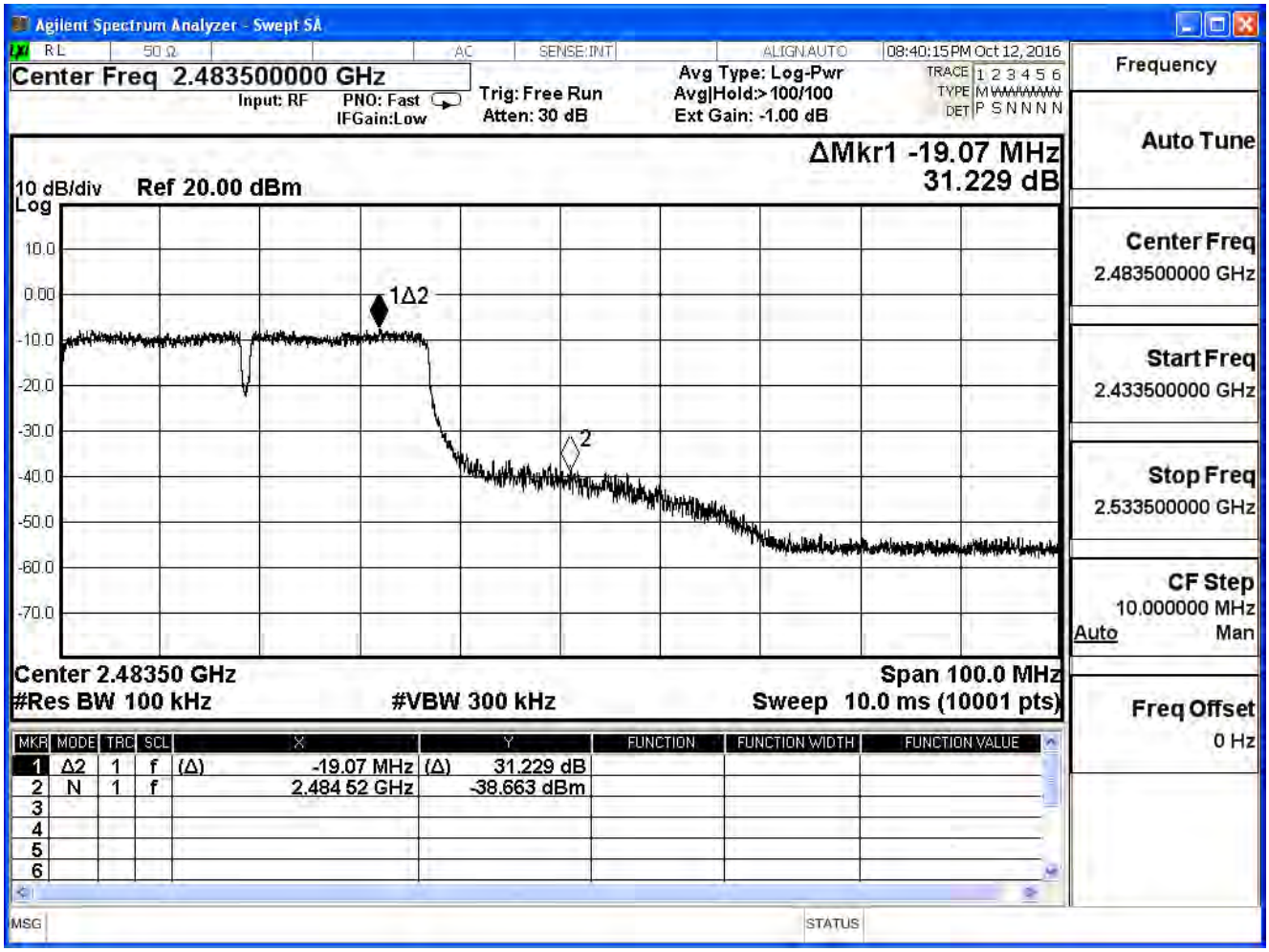
Channel 3



Channel 6


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:55:33 PM Oct 12, 2016
ΔMkr1 39.25 MHz
34.042 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.43700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 39.25 MHz 34.042 dB
2 N 1 f 2.400 00 GHz -39.693 dBm
3 Δ4 1 f -44.25 MHz 35.023 dB
4 N 1 f 2.483 50 GHz -40.674 dBm
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.387000000 GHz
Stop Freq
2.487000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

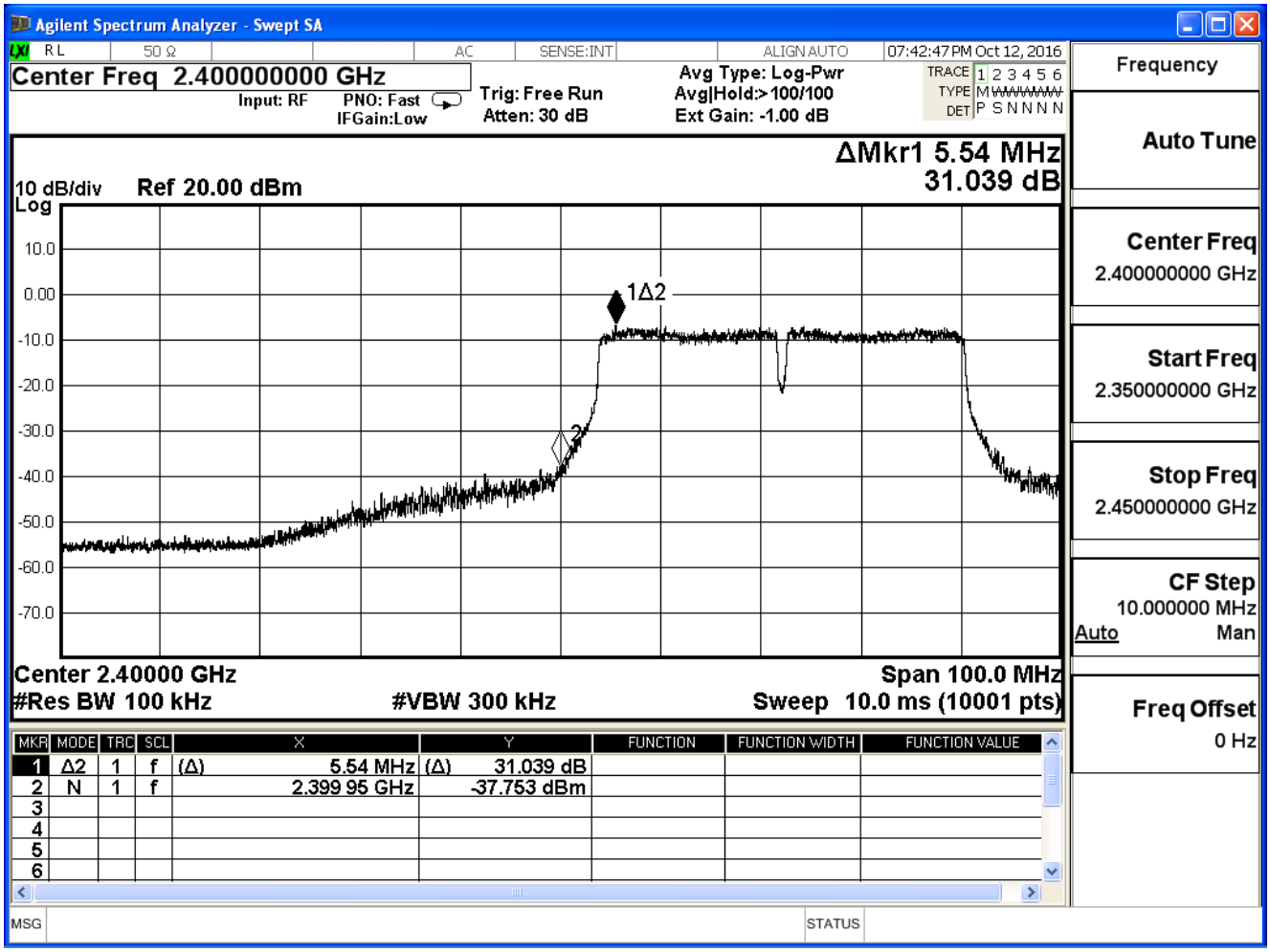
Channel 9


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.483500000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:40:15 PM Oct 12, 2016
ΔMkr1 -19.07 MHz
31.229 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.48350 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 -19.07 MHz 31.229 dB
2 N 1 f 2.484 52 GHz -38.663 dBm
Frequency
Auto Tune
Center Freq
2.483500000 GHz
Start Freq
2.433500000 GHz
Stop Freq
2.533500000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

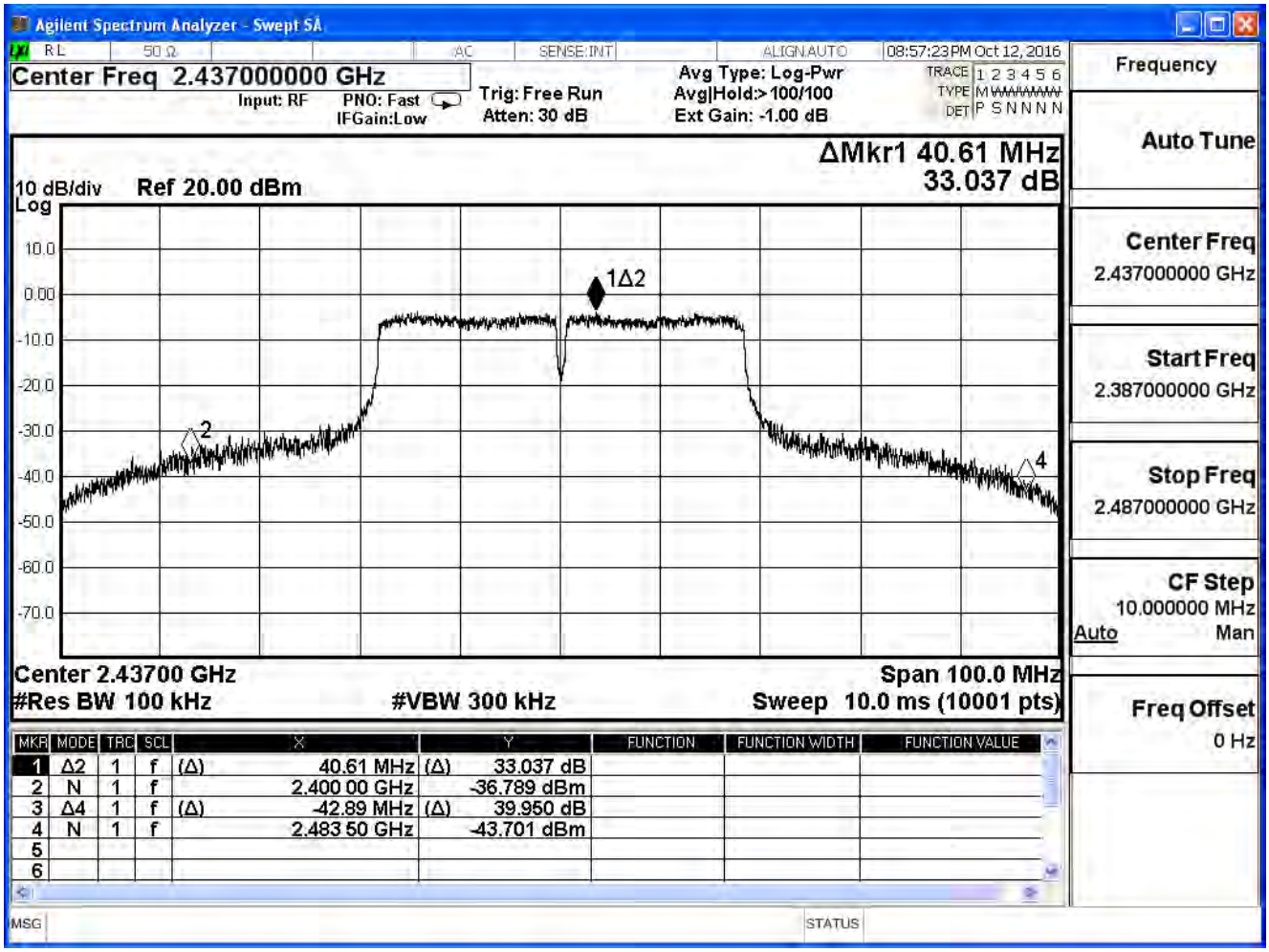
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11n_40M (ANT 1)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	31.039	≧30	Pass
6	2437	33.037	≧30	Pass
9	2452	30.940	≧30	Pass

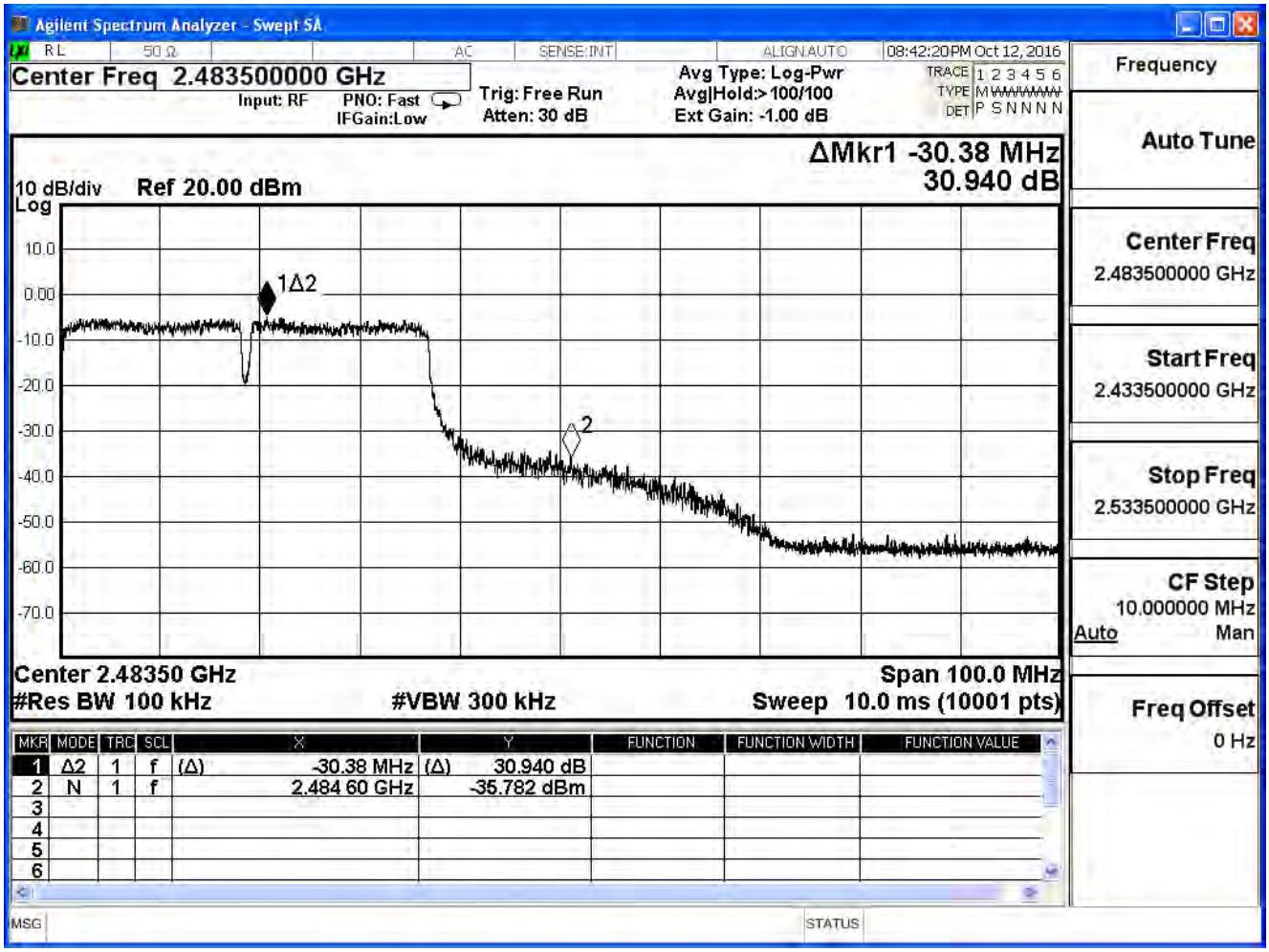
Channel 3



Channel 6

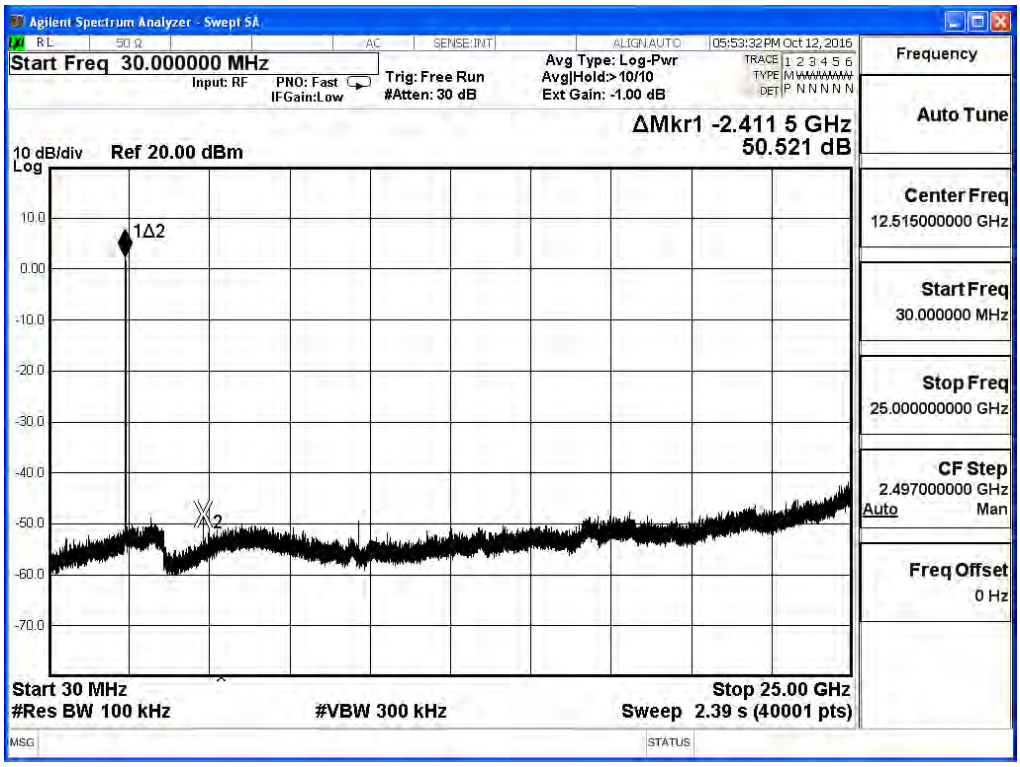

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:57:23 PM Oct 12, 2016
ΔMkr1 40.61 MHz
33.037 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.43700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 40.61 MHz 33.037 dB
2 N 1 f 2.400 00 GHz -36.789 dBm
3 Δ4 1 f -42.89 MHz 39.950 dB
4 N 1 f 2.483 50 GHz -43.701 dBm
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.387000000 GHz
Stop Freq
2.487000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 9

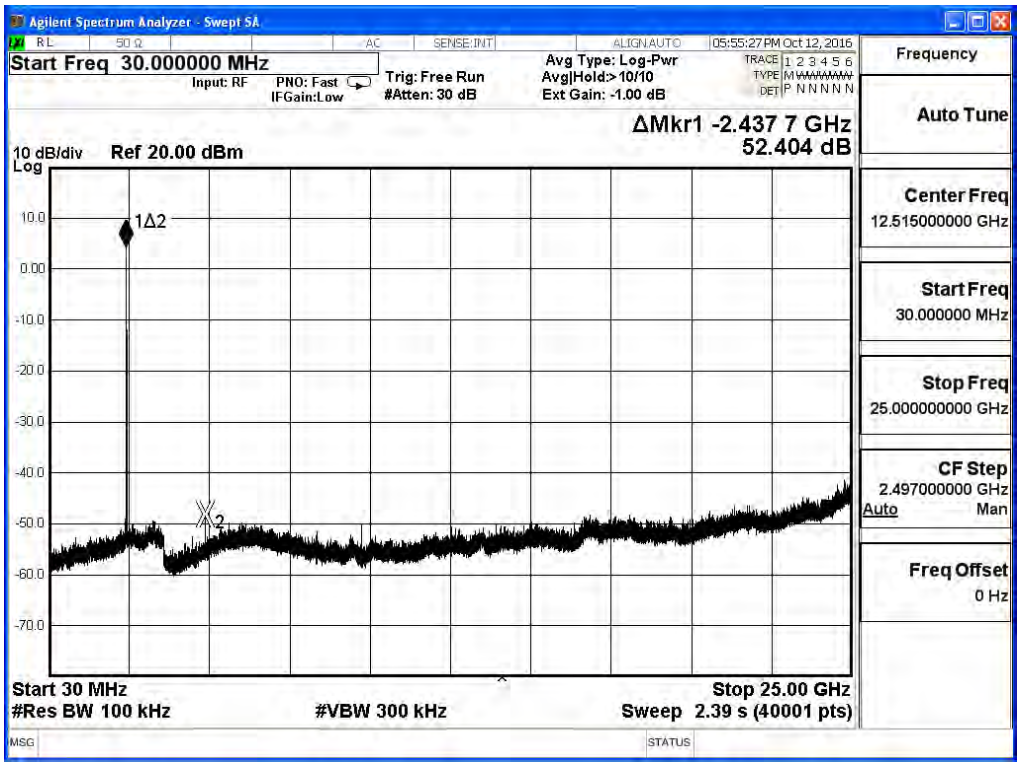

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.483500000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
08:42:20 PM Oct 12, 2016
ΔMkr1 -30.38 MHz
30.940 dB
10 dB/div
Log
Ref 20.00 dBm
Center 2.48350 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 10.0 ms (10001 pts)
1 Δ2 -30.38 MHz 30.940 dB
2 N 1 f 2.484 60 GHz -35.782 dBm
Frequency
Auto Tune
Center Freq
2.483500000 GHz
Start Freq
2.433500000 GHz
Stop Freq
2.533500000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit_SISO Mode Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

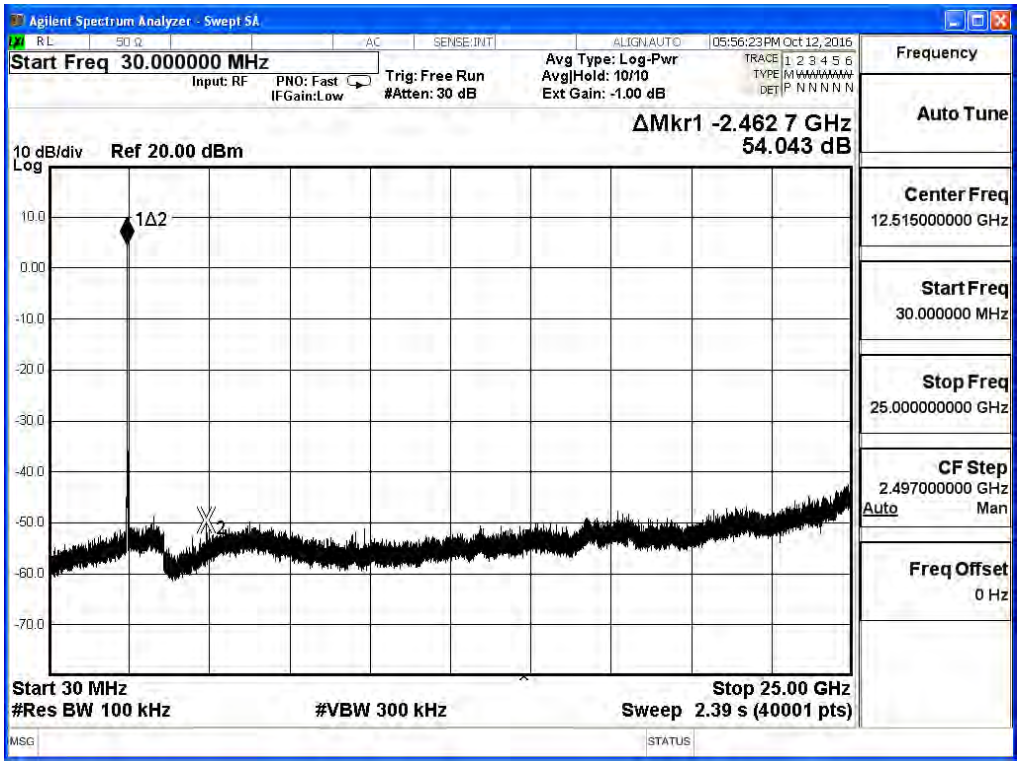
2412MHz (30MHz-25GHz)-802.11b (ANT 0)



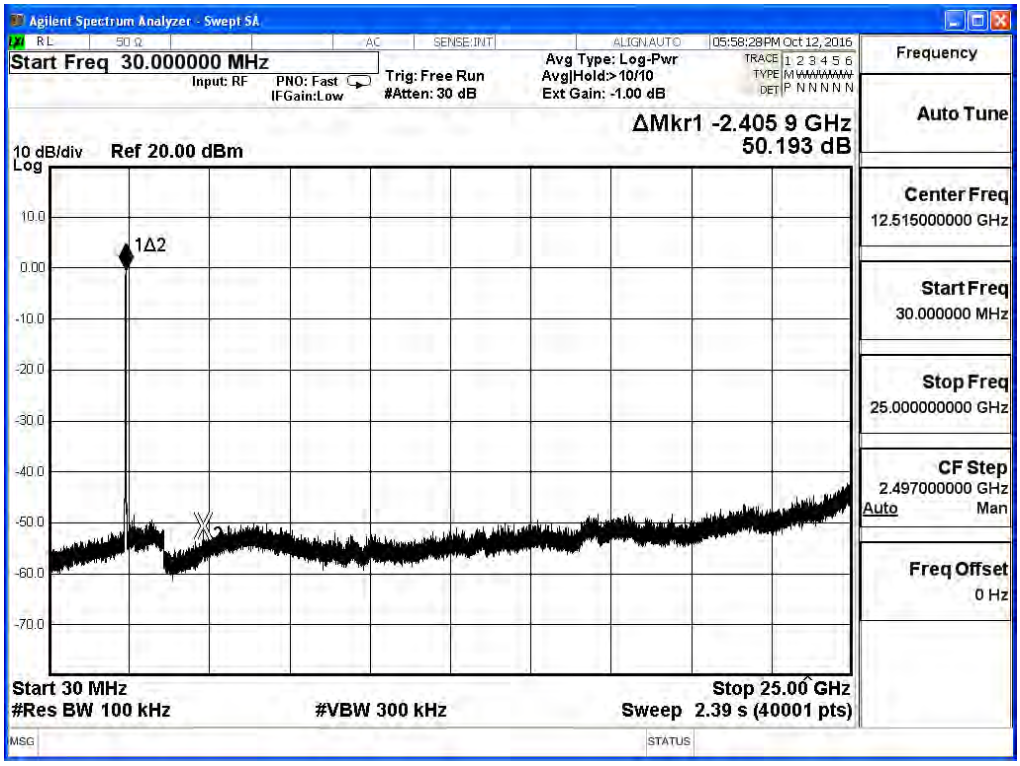
2437MHz (30MHz-25GHz)-802.11b (ANT 0)



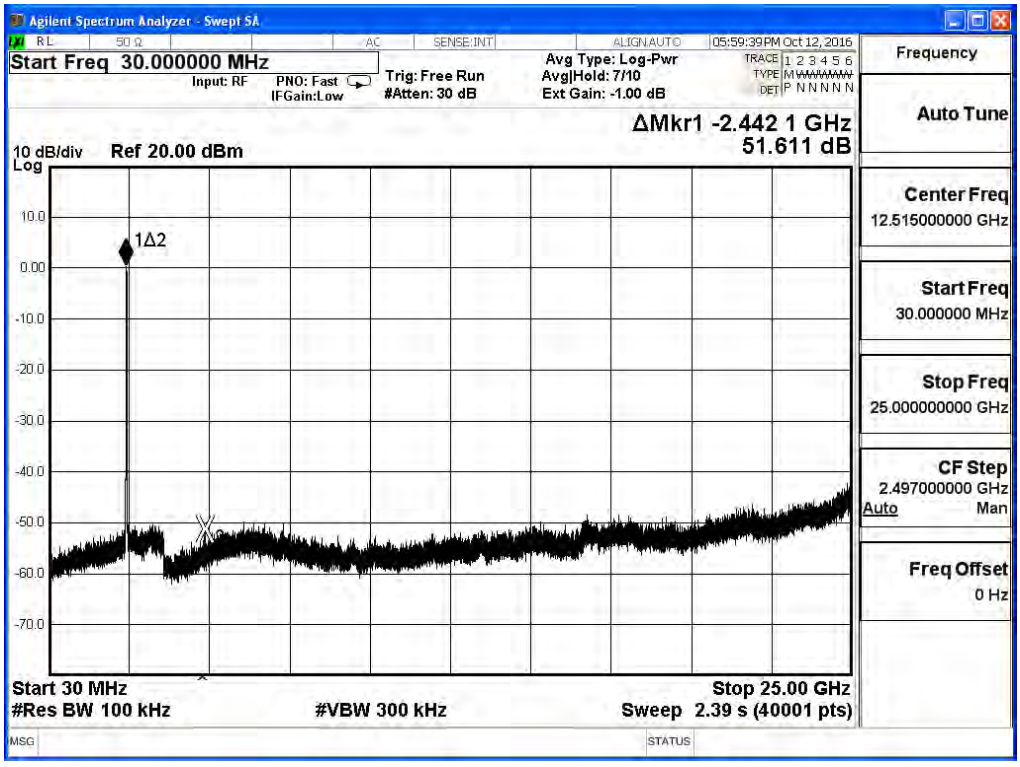
2462MHz (30MHz-25GHz)-802.11b (ANT 0)



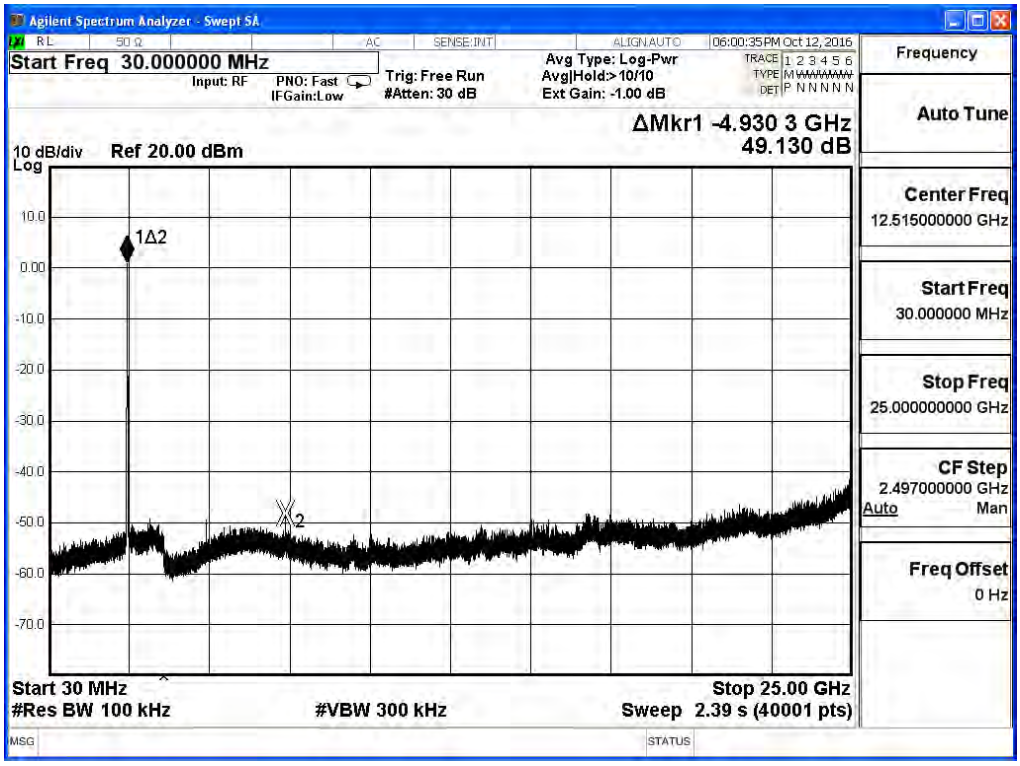
2412MHz (30MHz-25GHz)-802.11g (ANT 0)



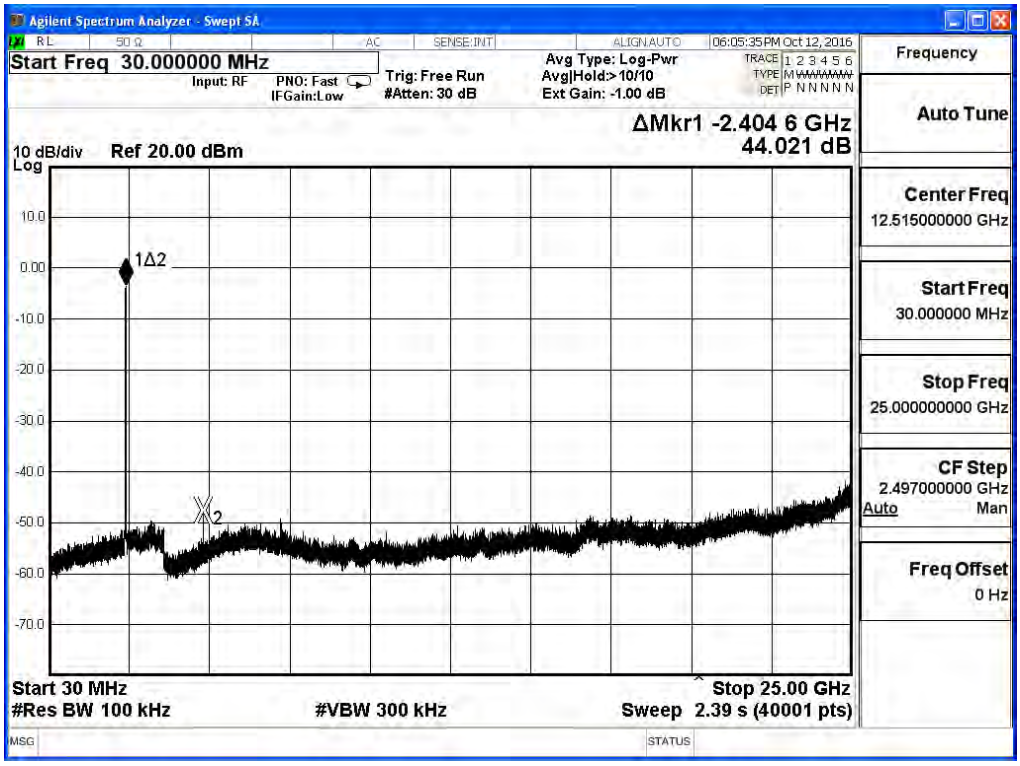
2437MHz (30MHz-25GHz)-802.11 g (ANT 0)



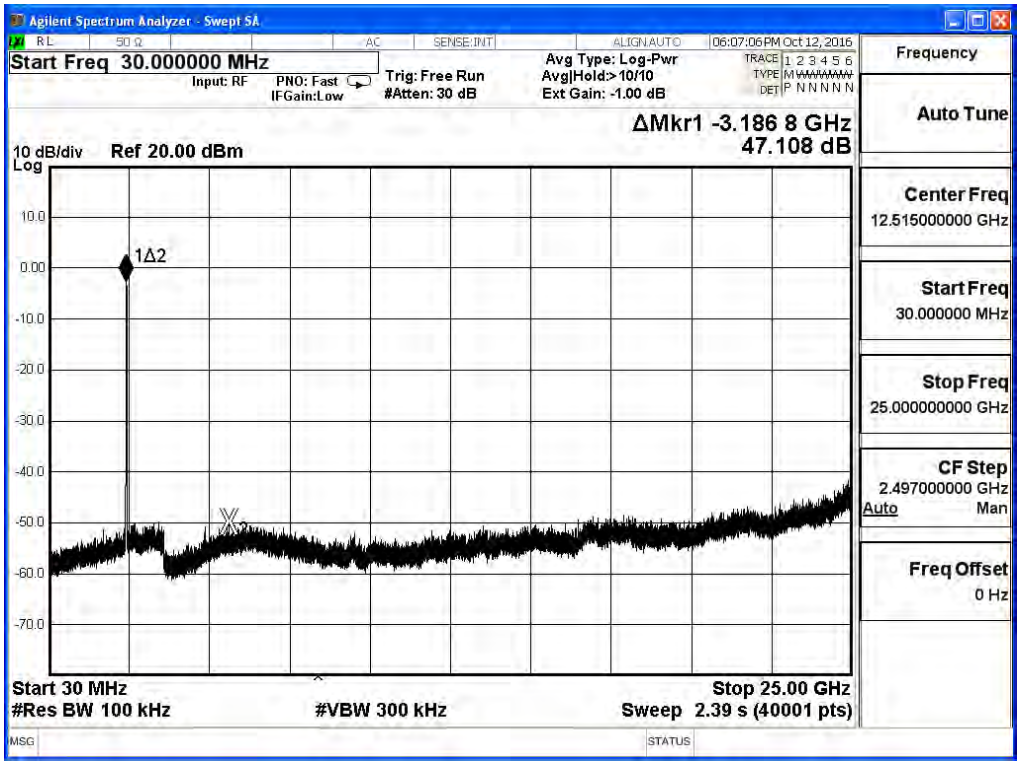
2462MHz (30MHz-25GHz)-802.11g (ANT 0)



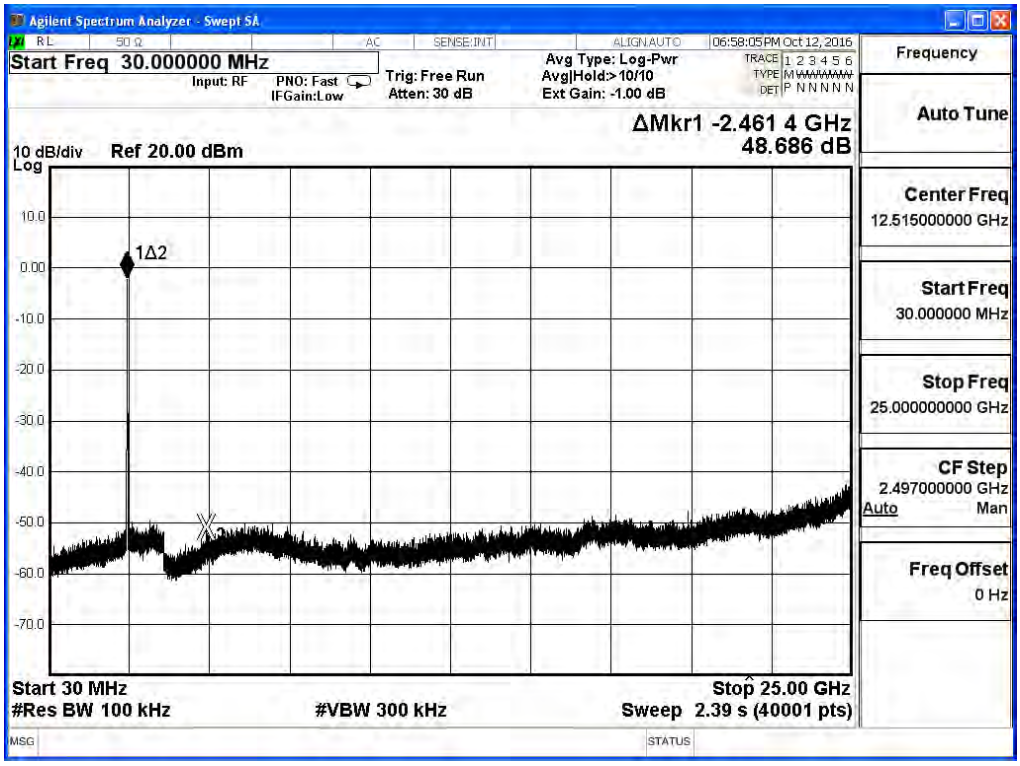
2412MHz (30MHz-25GHz)- IEEE802.11n 20MHz (ANT 0)



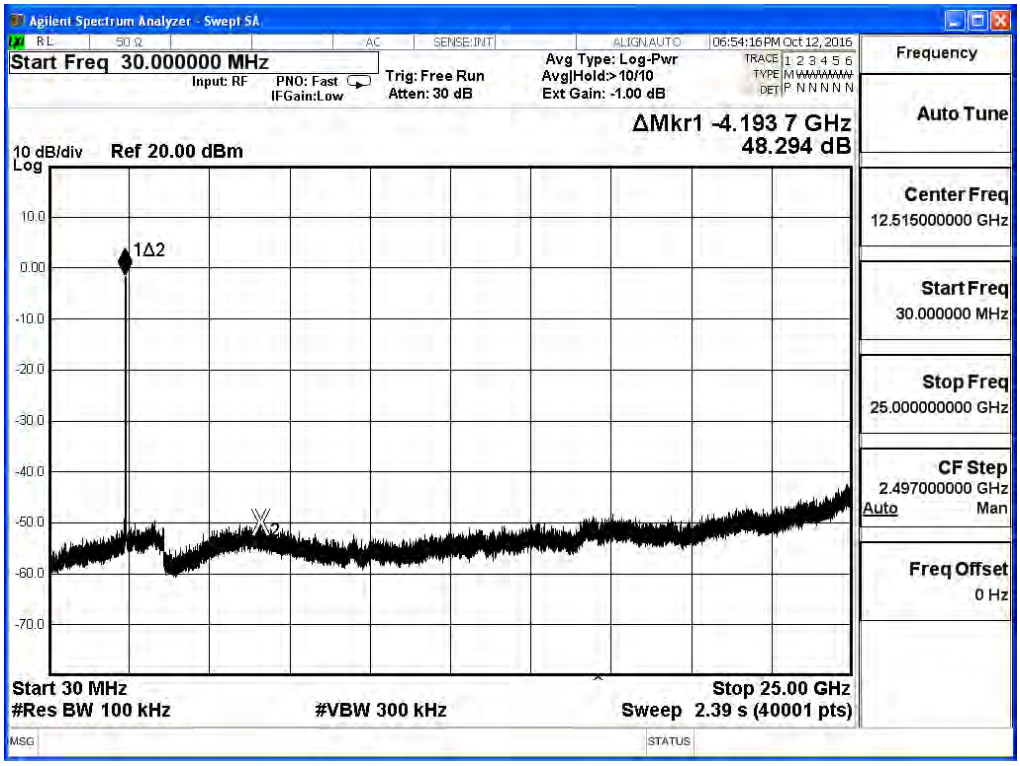
2437MHz (30MHz-25GHz)- IEEE802.11n 20MHz (ANT 0)



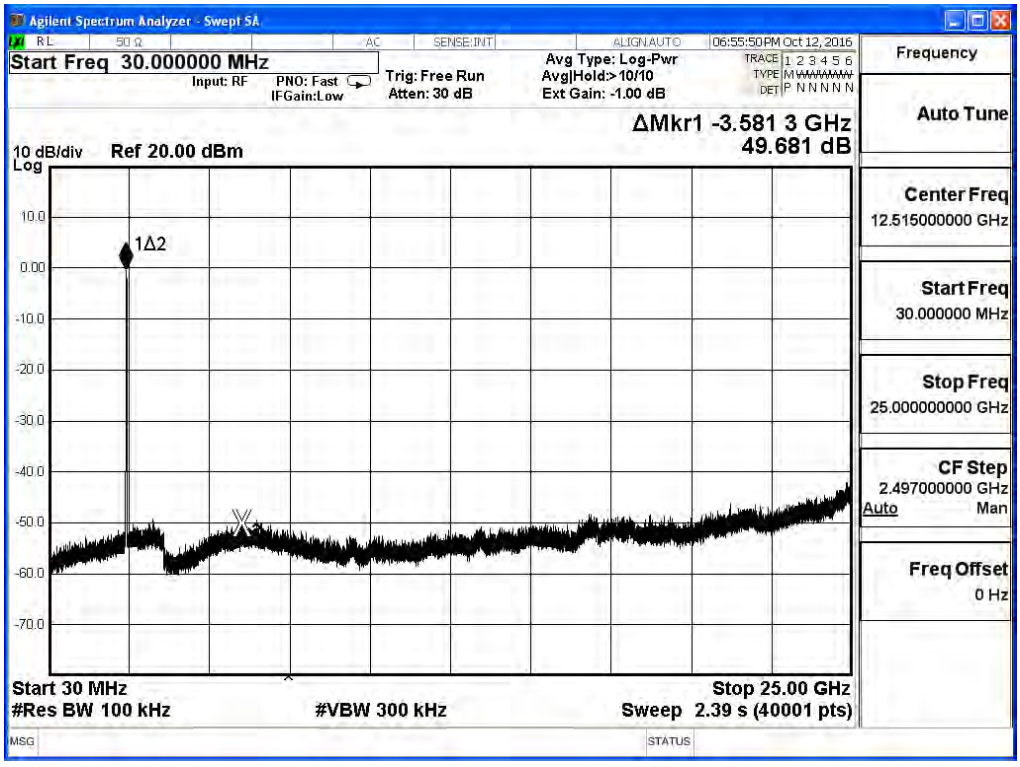
2462MHz (30MHz-25GHz)- IEEE802.11n 20MHz (ANT 0)



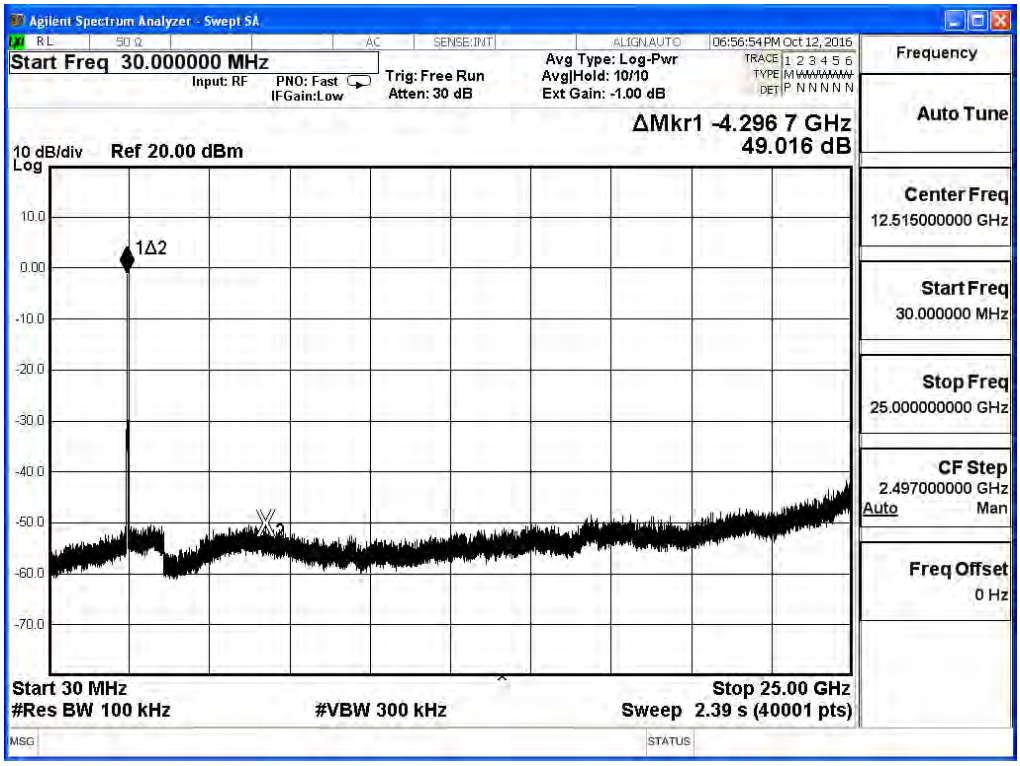
2412MHz (30MHz-25GHz)- IEEE802.11n 20MHz (ANT 1)



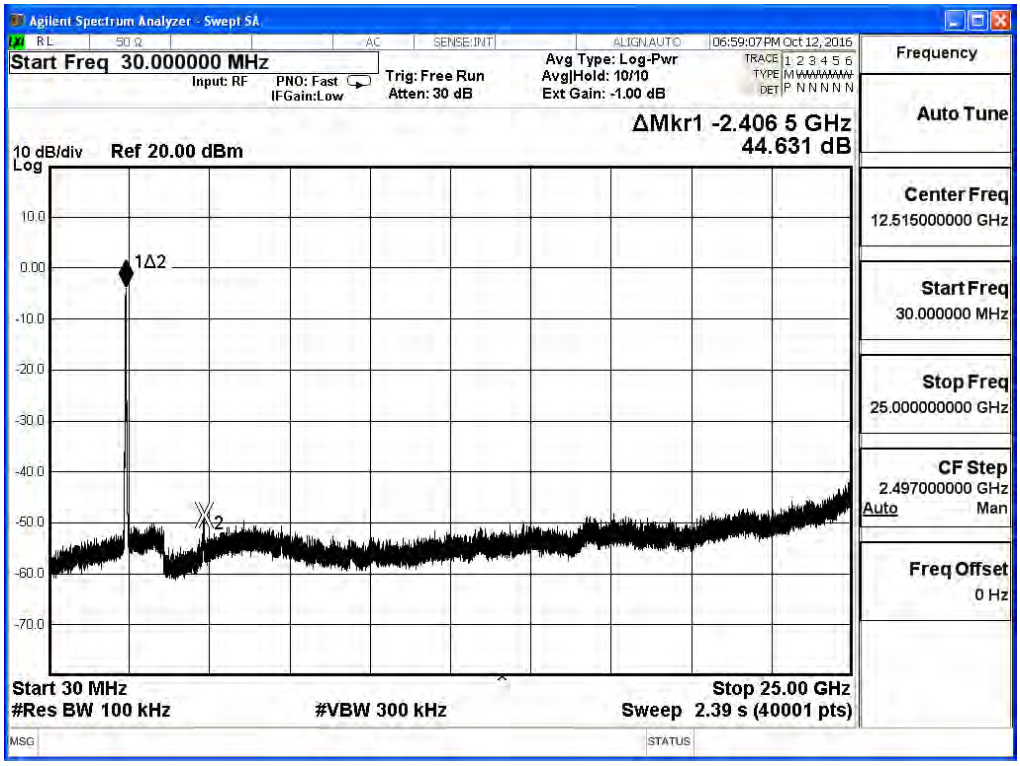
2437MHz (30MHz-25GHz)- IEEE802.11n 20MHz (ANT 1)



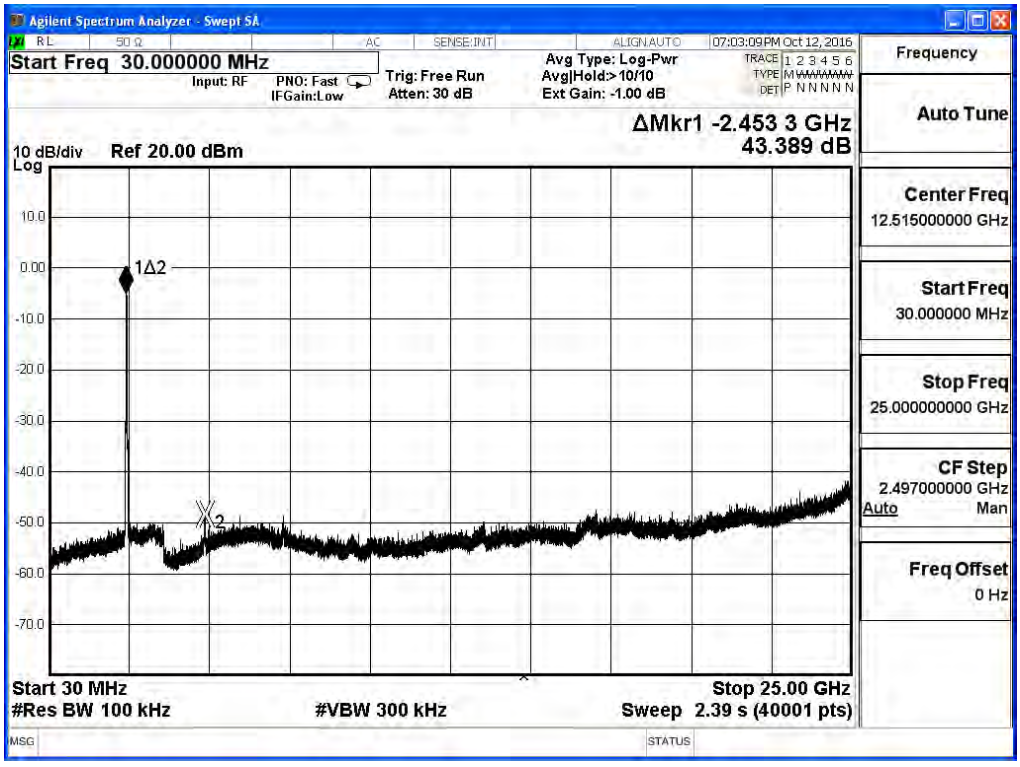
2462MHz (30MHz-25GHz)- IEEE802.11n 20MHz (ANT 1)



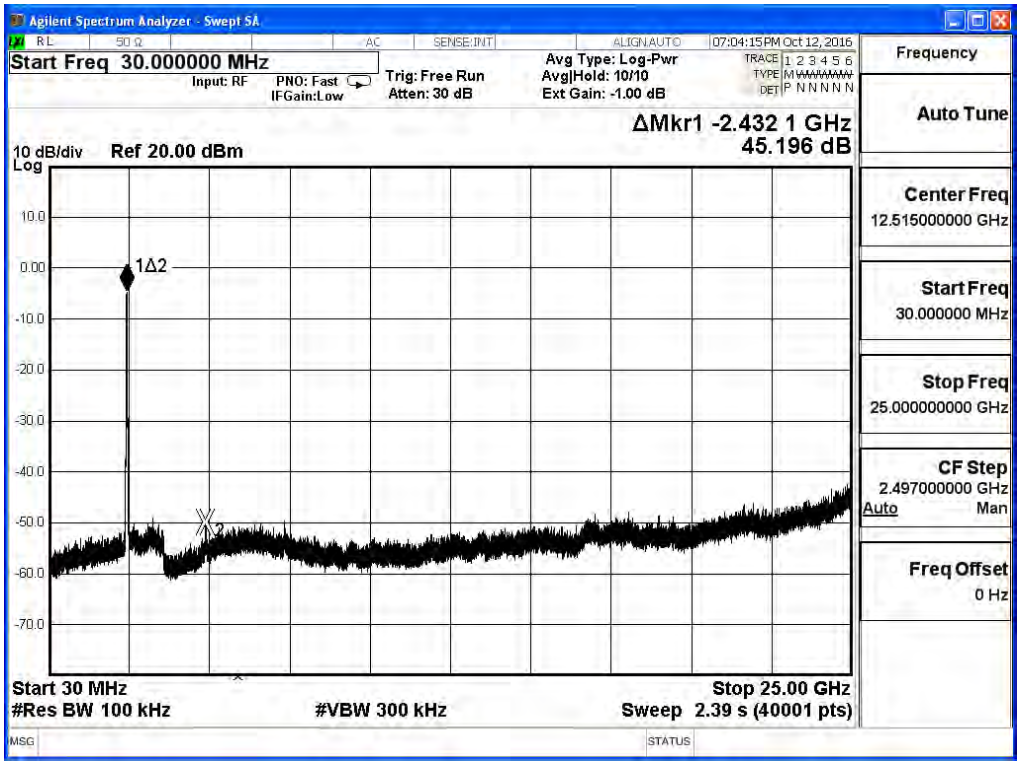
2422MHz (30MHz-25GHz)- IEEE802.11n 40MHz (ANT 0)



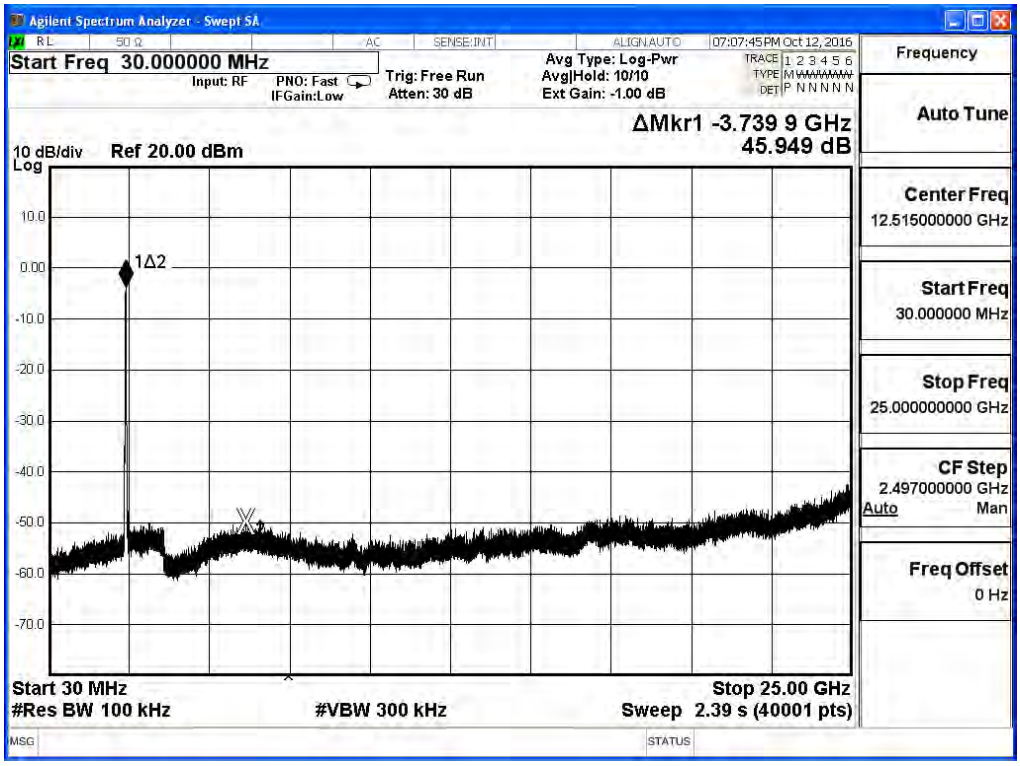
2437MHz (30MHz-25GHz)- IEEE802.11n 40MHz (ANT 0)



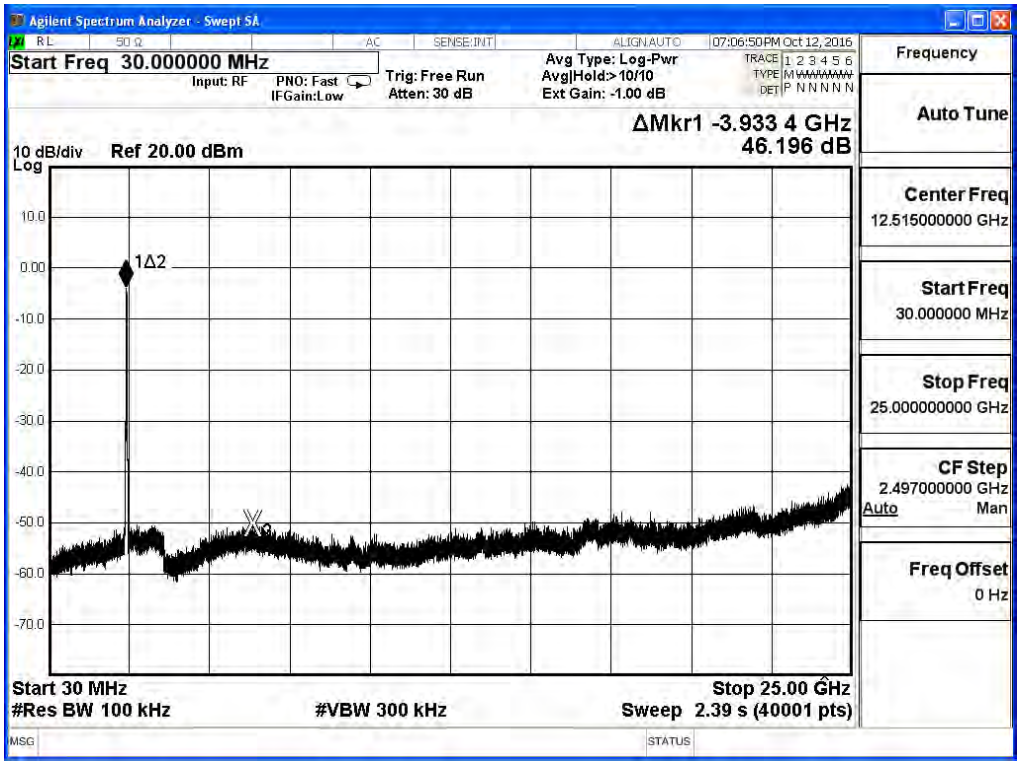
2452MHz (30MHz-25GHz)- IEEE802.11n 40MHz (ANT 0)



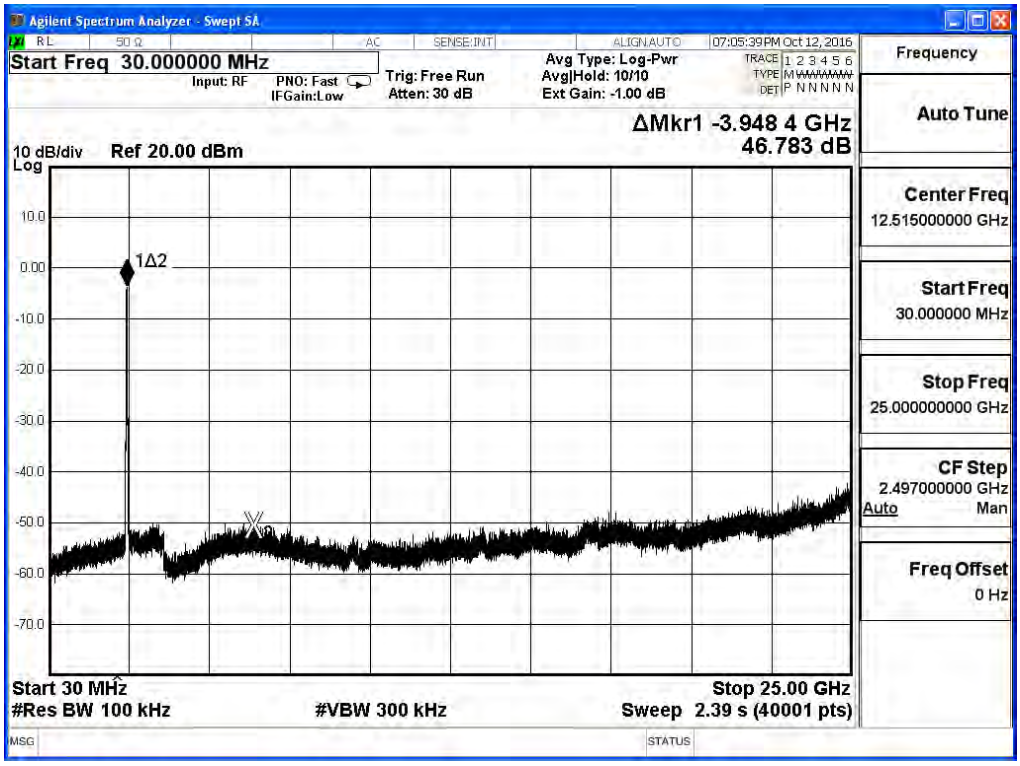
2422MHz (30MHz-25GHz)- IEEE802.11n 40MHz (ANT 1)



2437MHz (30MHz-25GHz)- IEEE802.11n 40MHz (ANT 1)



2452MHz (30MHz-25GHz)- IEEE802.11n 40MHz (ANT 1)



6. Radiated Emission Band Edge

6.1. Test Equipment

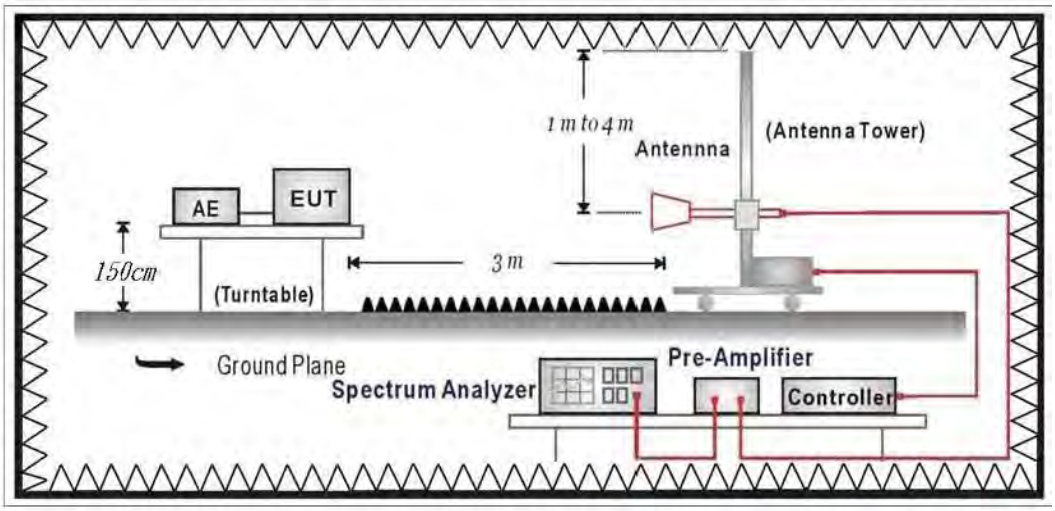
The following test equipments are used during the test:

Radiated Emission Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzbeck	BBHA 9120	D743	2017/01/14
Spectrum Analyzer	Agilent	E4440A	MY46187335	2016/12/24
k Type Cable	Huber+Suhner	SF 102	25623/2	2017/01/11
Signal & Spectrum Analyzer	R&S	FSV40	101049	2017/01/05

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

6.2. Test Setup



6.3. 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.

6.4. Test Procedure

The EUT was setup according to ANSI C63.10:2013 and tested according to DTS test procedure of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 1.5 meter above ground.
The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.

6.5. Test Specification

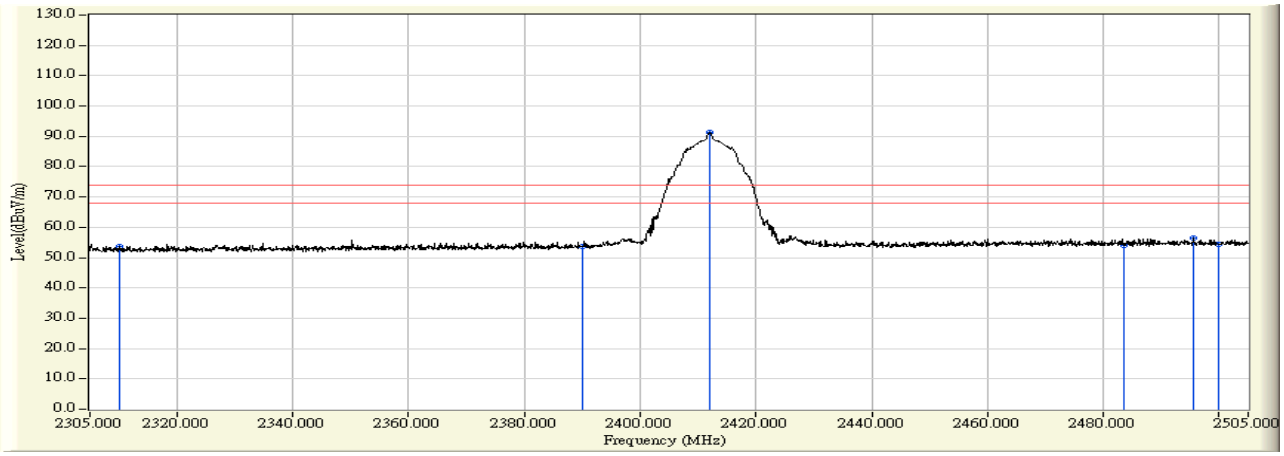
According to FCC Part 15 Subpart C Paragraph 15.247: 2015

6.6. Uncertainty

The measurement uncertainty
± 3.9 dB above 1GHz

6.7. Test Result

Site : CB1	**Time : 2016/11/16 - 11:27**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2412MHz**

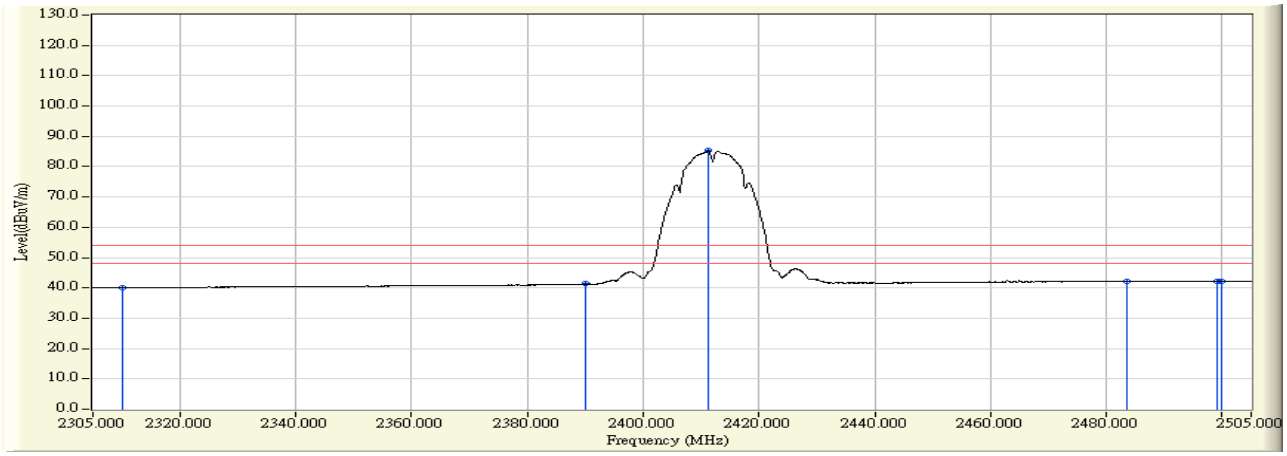


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	25.387	53.517	-20.483	74.000	PEAK
2		2390.000	28.933	24.730	53.663	-20.337	74.000	PEAK
3	*	2412.000	29.154	62.045	91.199	17.199	74.000	PEAK
4		2483.500	29.829	24.215	54.044	-19.956	74.000	PEAK
5		2495.500	29.835	26.564	56.399	-17.601	74.000	PEAK
6		2500.000	29.826	24.583	54.408	-19.592	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.

Site : CB1	**Time : 2016/11/16 - 11:29**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2412MHz**

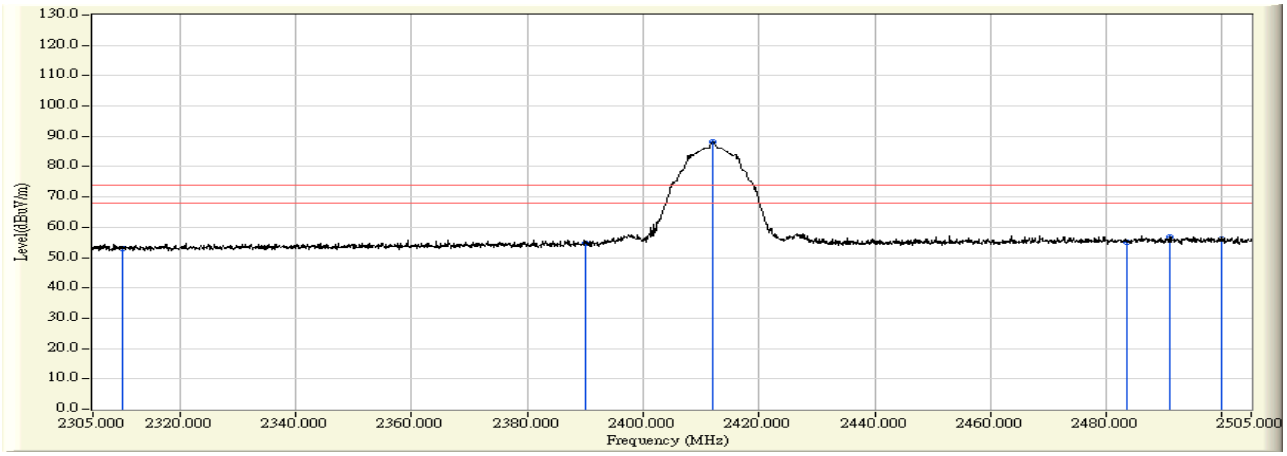


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.009	40.139	-13.861	54.000	AVERAGE
2		2390.000	28.933	12.375	41.308	-12.692	54.000	AVERAGE
3	*	2411.200	29.146	56.080	85.226	31.226	54.000	AVERAGE
4		2483.500	29.829	12.365	42.194	-11.806	54.000	AVERAGE
5		2499.000	29.828	12.357	42.185	-11.815	54.000	AVERAGE
6		2500.000	29.826	12.303	42.128	-11.872	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.

Site : CB1	**Time : 2016/11/16 - 14:56**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2412MHz**

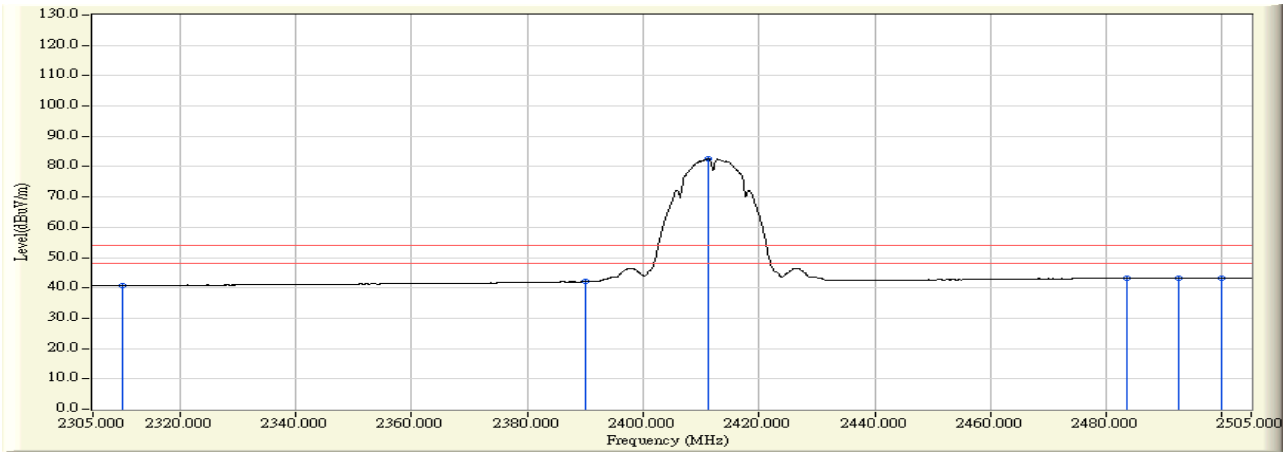


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.343	53.127	-20.873	74.000	PEAK
2		2390.000	29.747	25.100	54.847	-19.153	74.000	PEAK
3	*	2412.100	30.013	58.327	88.340	14.340	74.000	PEAK
4		2483.500	30.830	24.220	55.050	-18.950	74.000	PEAK
5		2490.900	30.849	26.061	56.909	-17.091	74.000	PEAK
6		2500.000	30.860	25.206	56.065	-17.935	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.

Site : CB1	**Time : 2016/11/16 - 14:57**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2412MHz**

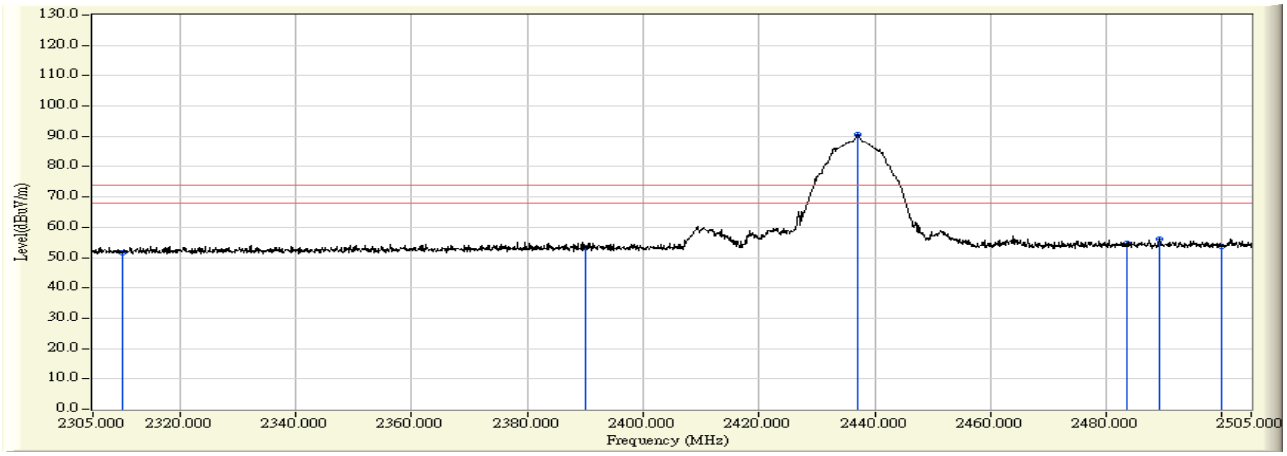


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	11.993	40.777	-13.223	54.000	AVERAGE
2		2390.000	29.747	12.388	42.135	-11.865	54.000	AVERAGE
3	*	2411.300	30.004	52.725	82.729	28.729	54.000	AVERAGE
4		2483.500	30.830	12.380	43.210	-10.790	54.000	AVERAGE
5		2492.500	30.852	12.415	43.267	-10.733	54.000	AVERAGE
6		2500.000	30.860	12.334	43.193	-10.807	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.

Site : CB1	**Time : 2016/11/16 - 11:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

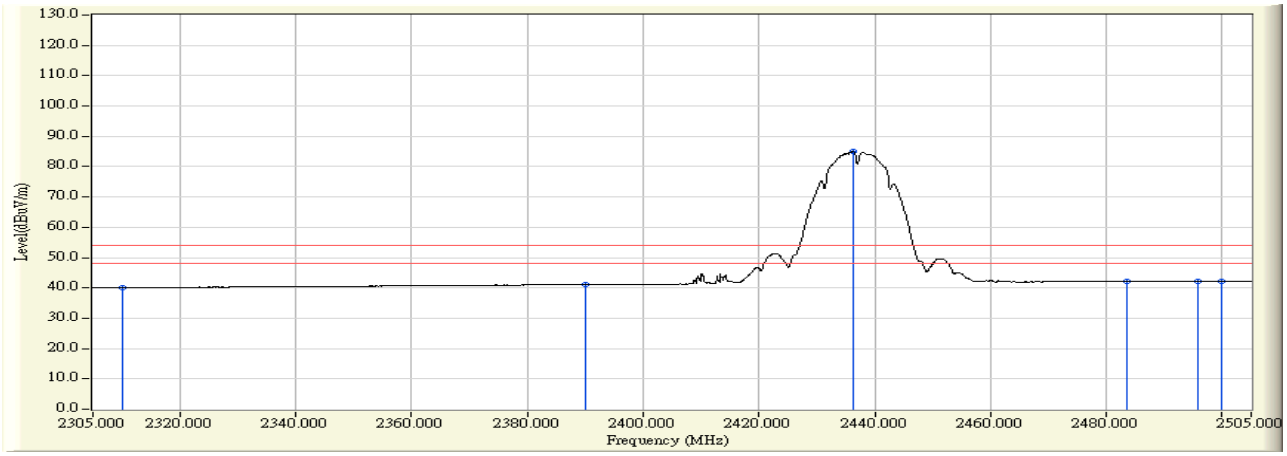


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	23.341	51.471	-22.529	74.000	PEAK
2		2390.000	28.933	24.373	53.306	-20.694	74.000	PEAK
3	*	2437.100	29.406	61.073	90.479	16.479	74.000	PEAK
4		2483.500	29.829	24.925	54.754	-19.246	74.000	PEAK
5		2489.100	29.832	26.220	56.052	-17.948	74.000	PEAK
6		2500.000	29.826	23.792	53.617	-20.383	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.

Site : CB1	**Time : 2016/11/16 - 11:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

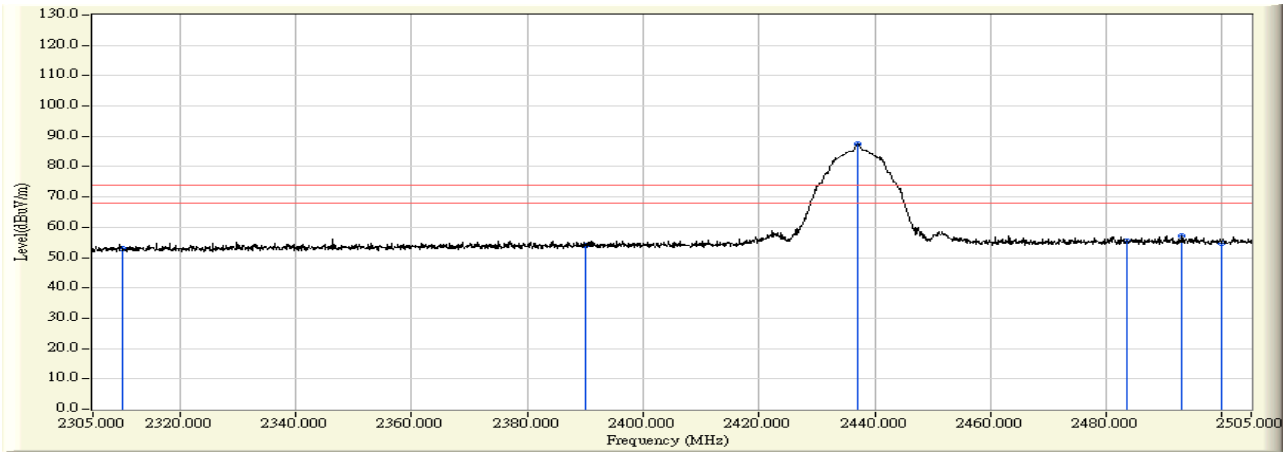


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.932	40.062	-13.938	54.000	AVERAGE
2		2390.000	28.933	12.160	41.093	-12.907	54.000	AVERAGE
3	*	2436.300	29.398	55.668	85.066	31.066	54.000	AVERAGE
4		2483.500	29.829	12.411	42.240	-11.760	54.000	AVERAGE
5		2495.900	29.835	12.421	42.256	-11.744	54.000	AVERAGE
6		2500.000	29.826	12.403	42.228	-11.772	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.

Site : CB1	**Time : 2016/11/16 - 15:02**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

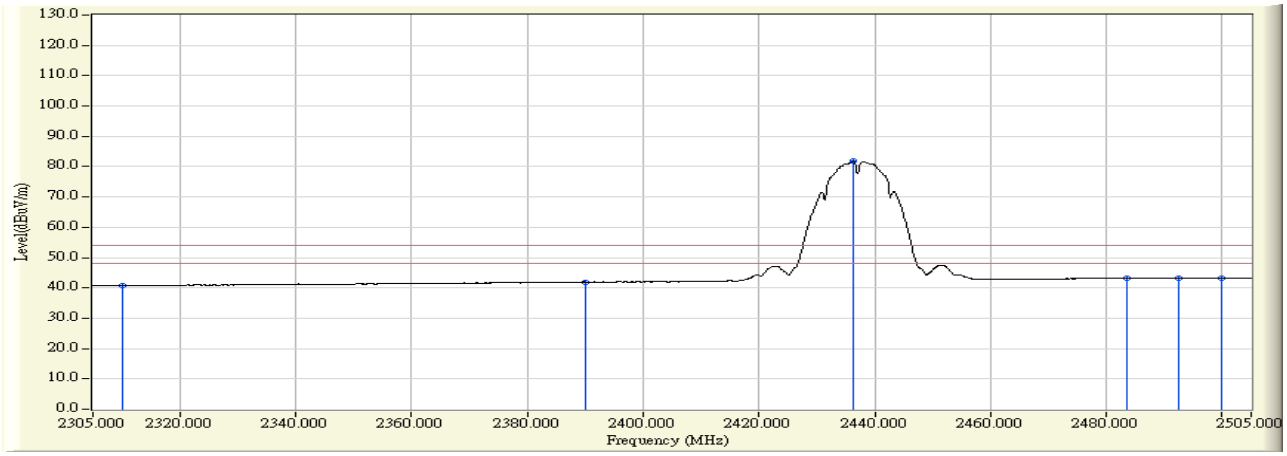


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.335	53.119	-20.881	74.000	PEAK
2		2390.000	29.747	24.296	54.043	-19.957	74.000	PEAK
3	*	2437.100	30.314	57.222	87.536	13.536	74.000	PEAK
4		2483.500	30.830	24.550	55.380	-18.620	74.000	PEAK
5		2493.100	30.854	26.151	57.005	-16.995	74.000	PEAK
6		2500.000	30.860	23.780	54.639	-19.361	74.000	PEAK

Note:

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

Site : CB1	**Time : 2016/11/16 - 15:03**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2437MHz**

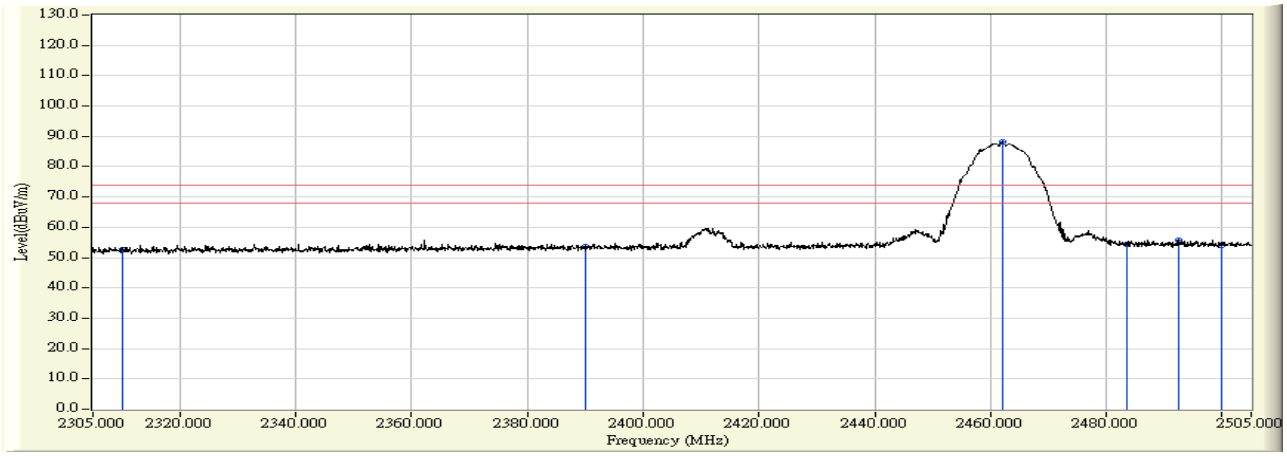


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	11.942	40.726	-13.274	54.000	AVERAGE
2		2390.000	29.747	12.172	41.919	-12.081	54.000	AVERAGE
3	*	2436.300	30.305	51.470	81.775	27.775	54.000	AVERAGE
4		2483.500	30.830	12.372	43.202	-10.798	54.000	AVERAGE
5		2492.400	30.852	12.386	43.238	-10.762	54.000	AVERAGE
6		2500.000	30.860	12.341	43.200	-10.800	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.

Site : CB1	**Time : 2016/11/16 - 11:38**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2462MHz**

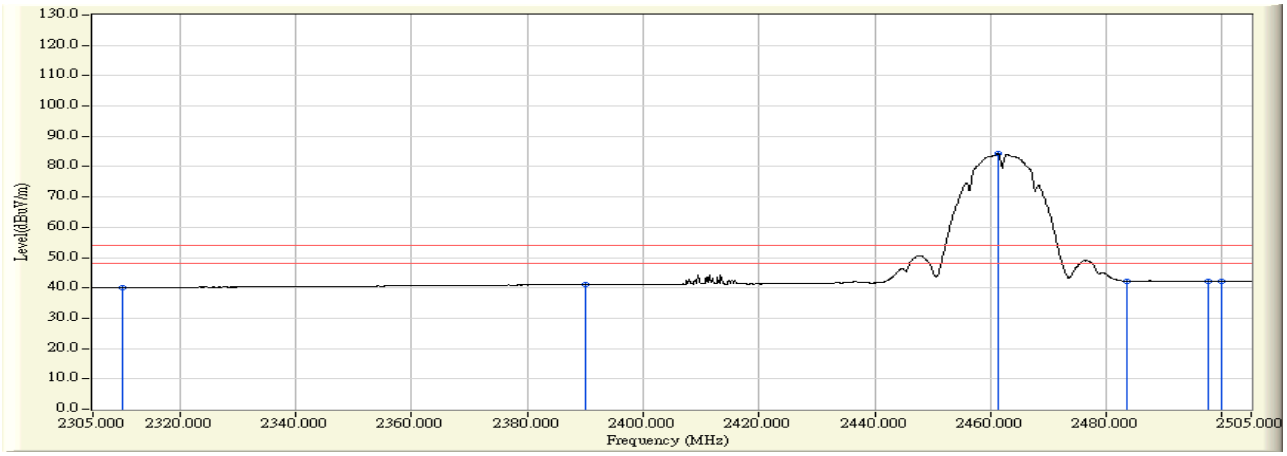


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.664	52.794	-21.206	74.000	PEAK
2		2390.000	28.933	24.678	53.611	-20.389	74.000	PEAK
3	*	2462.000	29.656	58.468	88.124	14.124	74.000	PEAK
4		2483.500	29.829	24.568	54.397	-19.603	74.000	PEAK
5		2492.400	29.833	26.025	55.858	-18.142	74.000	PEAK
6		2500.000	29.826	24.242	54.067	-19.933	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.

Site : CB1	**Time : 2016/11/16 - 11:39**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2462MHz**

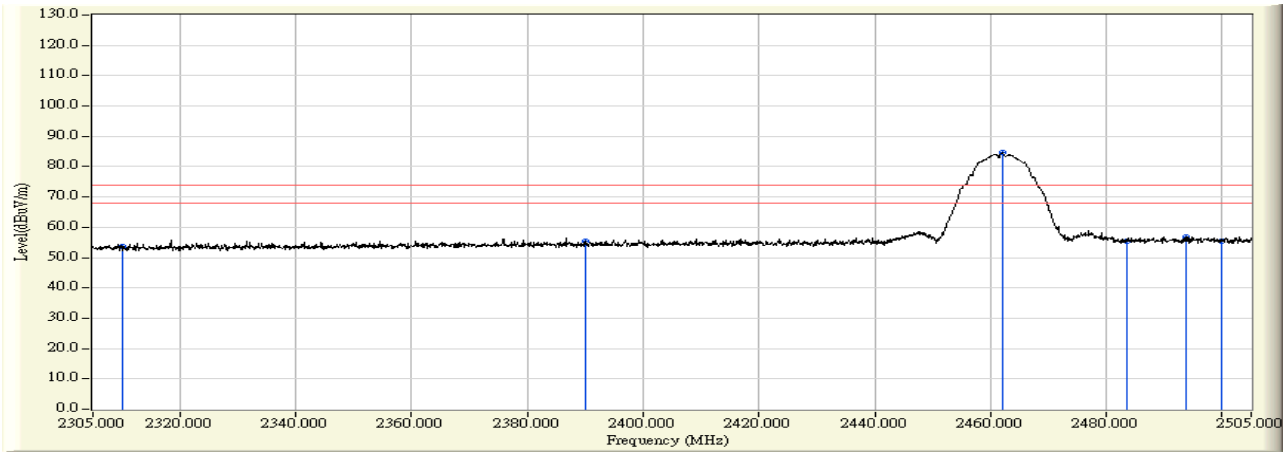


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.923	40.053	-13.947	54.000	AVERAGE
2		2390.000	28.933	12.198	41.131	-12.869	54.000	AVERAGE
3	*	2461.300	29.650	54.653	84.302	30.302	54.000	AVERAGE
4		2483.500	29.829	12.444	42.273	-11.727	54.000	AVERAGE
5		2497.500	29.832	12.351	42.183	-11.817	54.000	AVERAGE
6		2500.000	29.826	12.378	42.203	-11.797	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.

Site : CB1	**Time : 2016/11/16 - 15:13**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2462MHz**

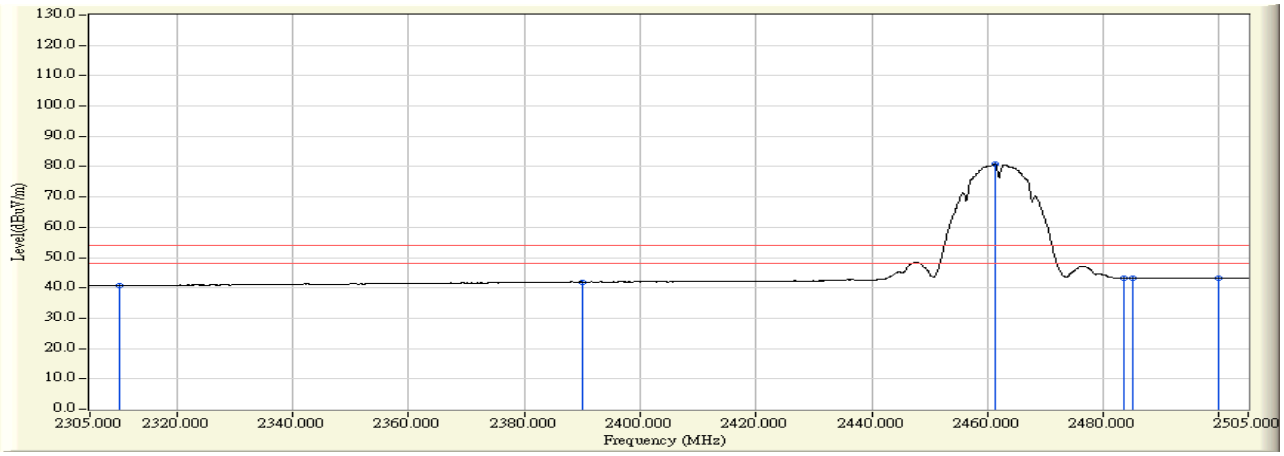


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.993	53.777	-20.223	74.000	PEAK
2		2390.000	29.747	25.831	55.578	-18.422	74.000	PEAK
3	*	2462.200	30.617	53.991	84.608	10.608	74.000	PEAK
4		2483.500	30.830	24.615	55.445	-18.555	74.000	PEAK
5		2493.800	30.856	25.923	56.779	-17.221	74.000	PEAK
6		2500.000	30.860	24.452	55.311	-18.689	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.

Site : CB1	**Time : 2016/11/16 - 15:14**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11b_2462MHz**

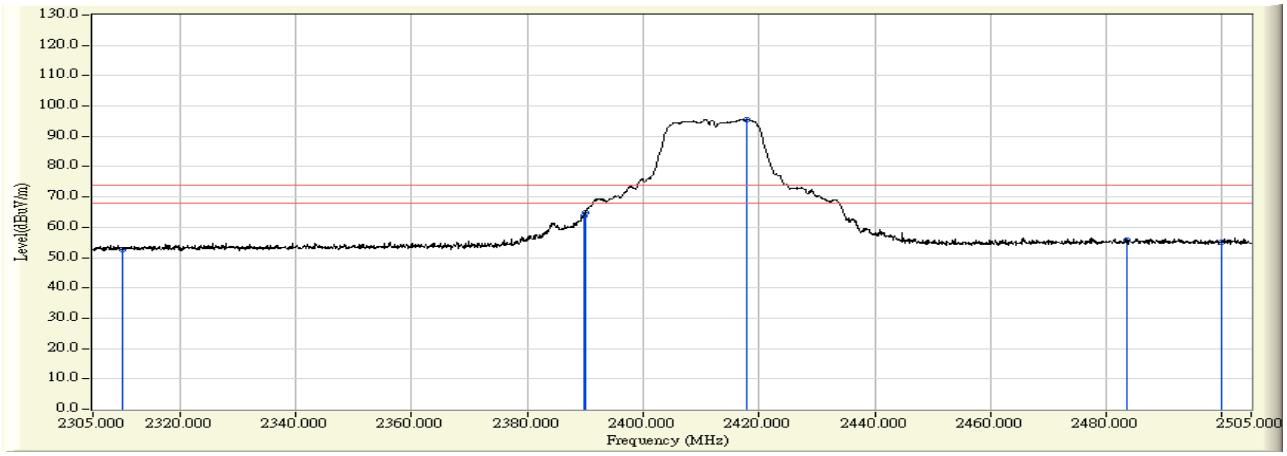


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	11.944	40.728	-13.272	54.000	AVERAGE
2		2390.000	29.747	12.186	41.933	-12.067	54.000	AVERAGE
3	*	2461.200	30.605	50.265	80.869	26.869	54.000	AVERAGE
4		2483.500	30.830	12.410	43.240	-10.760	54.000	AVERAGE
5		2485.100	30.834	12.440	43.274	-10.726	54.000	AVERAGE
6		2500.000	30.860	12.286	43.145	-10.855	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.

Site : CB1	**Time : 2016/11/16 - 11:48**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2412MHz**

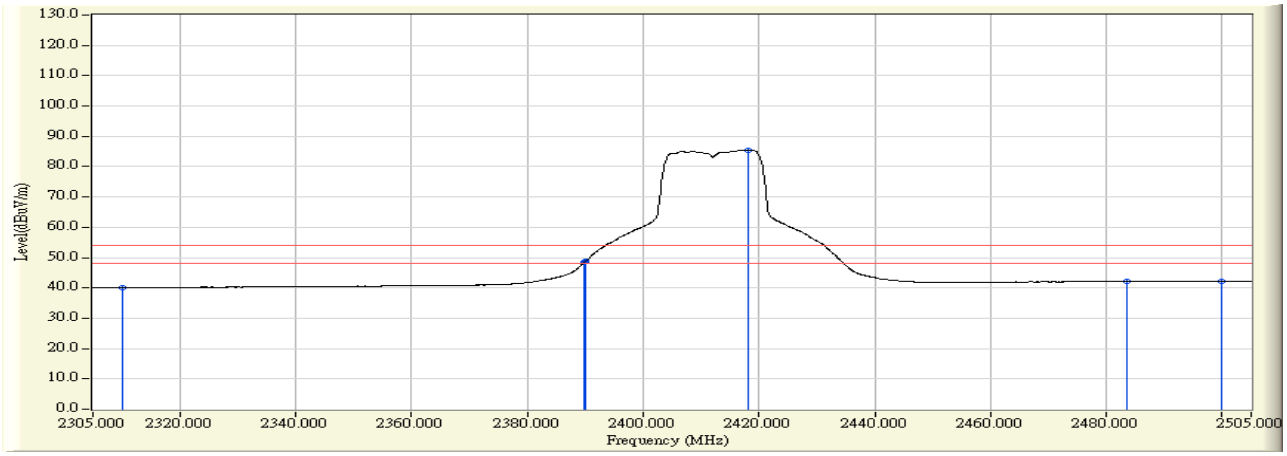


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.590	52.720	-21.280	74.000	PEAK
2		2389.900	28.932	34.983	63.915	-10.085	74.000	PEAK
3		2390.000	28.933	35.945	64.878	-9.122	74.000	PEAK
4	*	2417.900	29.214	66.442	95.655	21.655	74.000	PEAK
5		2483.500	29.829	25.941	55.770	-18.230	74.000	PEAK
6		2500.000	29.826	25.171	54.996	-19.004	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.

Site : CB1	**Time : 2016/11/16 - 11:48**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2412MHz**

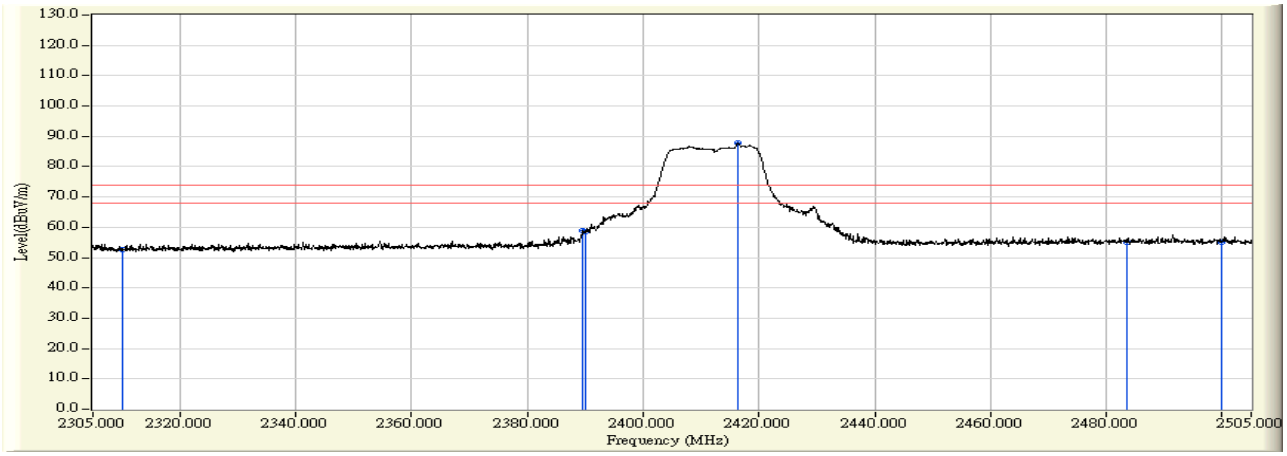


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.908	40.038	-13.962	54.000	AVERAGE
2		2389.900	28.932	19.549	48.481	-5.519	54.000	AVERAGE
3		2390.000	28.933	19.713	48.646	-5.354	54.000	AVERAGE
4	*	2418.200	29.216	56.216	85.432	31.432	54.000	AVERAGE
5		2483.500	29.829	12.344	42.173	-11.827	54.000	AVERAGE
6		2500.000	29.826	12.305	42.130	-11.870	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.

Site : CB1	**Time : 2016/11/16 - 15:18**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2412MHz**

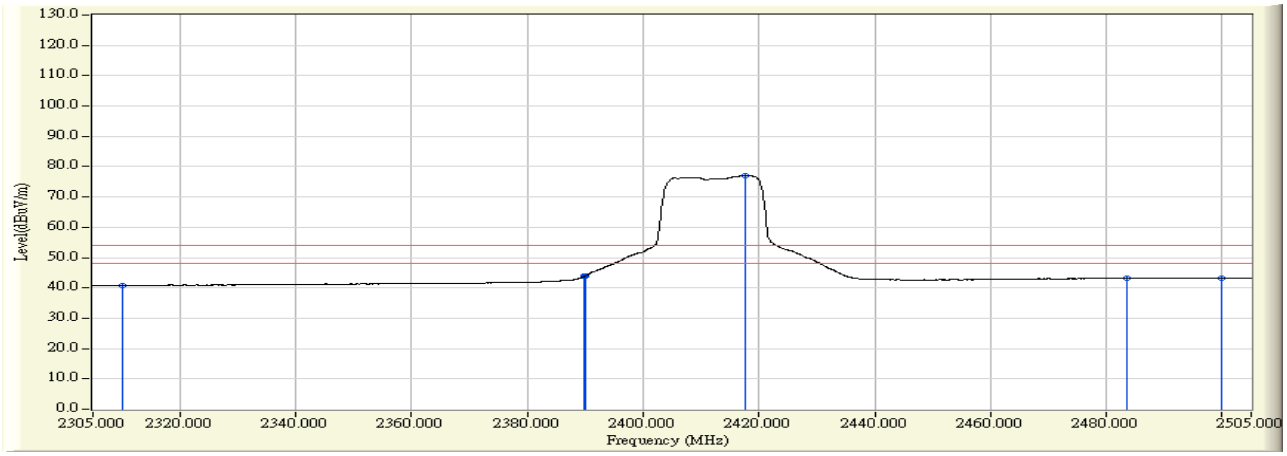


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	23.862	52.646	-21.354	74.000	PEAK
2		2389.600	29.742	29.148	58.890	-15.110	74.000	PEAK
3		2390.000	29.747	28.710	58.457	-15.543	74.000	PEAK
4	*	2416.400	30.065	57.596	87.661	13.661	74.000	PEAK
5		2483.500	30.830	24.094	54.924	-19.076	74.000	PEAK
6		2500.000	30.860	24.085	54.944	-19.056	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.

Site : CB1	**Time : 2016/11/16 - 15:18**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2412MHz**

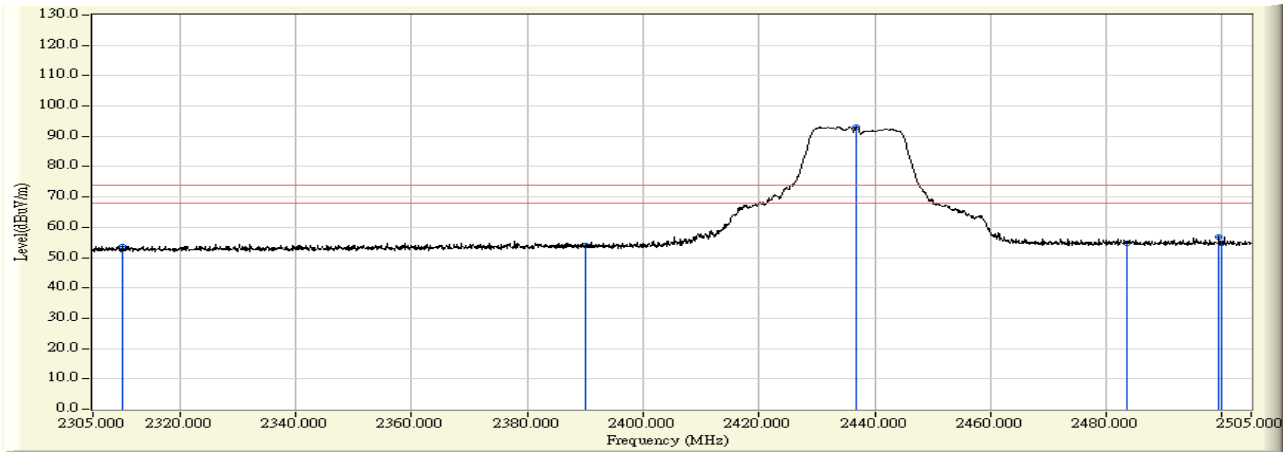


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	11.949	40.733	-13.267	54.000	AVERAGE
2		2389.900	29.746	14.143	43.889	-10.111	54.000	AVERAGE
3		2390.000	29.747	14.197	43.944	-10.056	54.000	AVERAGE
4	*	2417.600	30.080	46.998	77.077	23.077	54.000	AVERAGE
5		2483.500	30.830	12.362	43.192	-10.808	54.000	AVERAGE
6		2500.000	30.860	12.382	43.241	-10.759	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.

Site : CB1	**Time : 2016/11/16 - 11:51**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

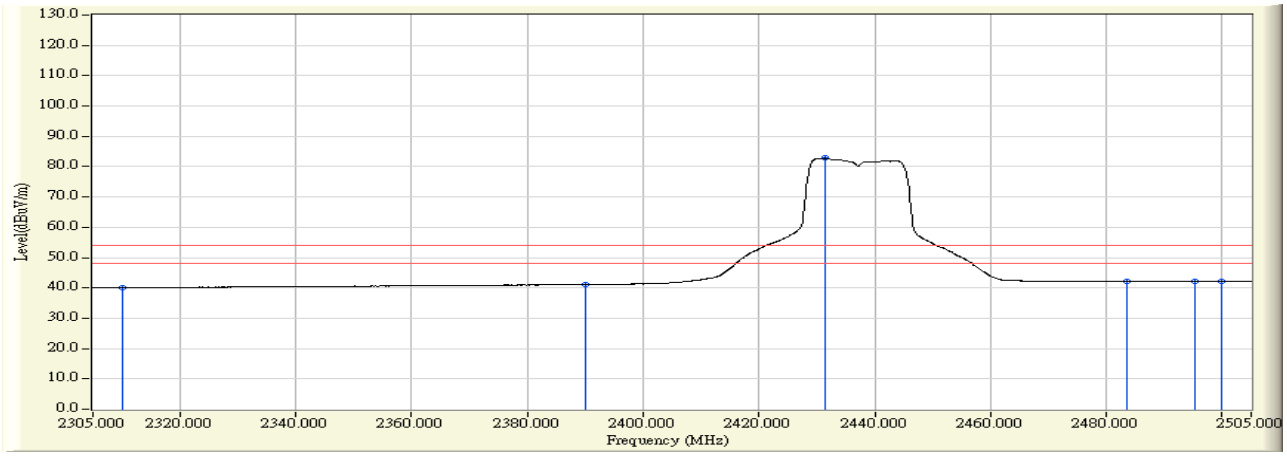


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	25.499	53.629	-20.371	74.000	PEAK
2		2390.000	28.933	25.047	53.980	-20.020	74.000	PEAK
3	*	2436.900	29.404	63.733	93.137	19.137	74.000	PEAK
4		2483.500	29.829	25.024	54.853	-19.147	74.000	PEAK
5		2499.500	29.826	27.134	56.961	-17.039	74.000	PEAK
6		2500.000	29.826	25.018	54.843	-19.157	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.

Site : CB1	**Time : 2016/11/16 - 11:51**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

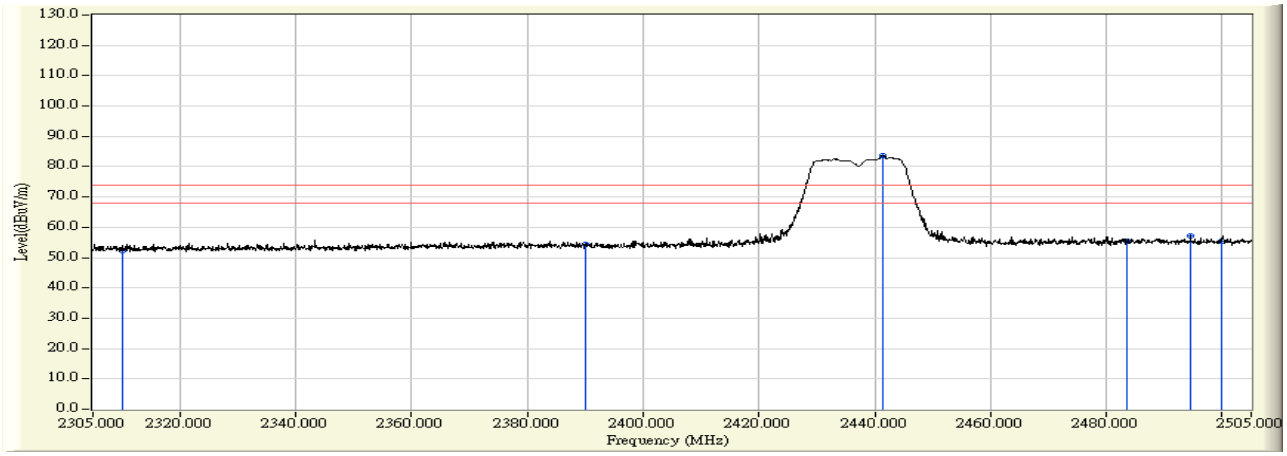


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.978	40.108	-13.892	54.000	AVERAGE
2		2390.000	28.933	12.202	41.135	-12.865	54.000	AVERAGE
3	*	2431.500	29.349	53.431	82.781	28.781	54.000	AVERAGE
4		2483.500	29.829	12.393	42.222	-11.778	54.000	AVERAGE
5		2495.200	29.835	12.348	42.183	-11.817	54.000	AVERAGE
6		2500.000	29.826	12.420	42.245	-11.755	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.

Site : CB1	**Time : 2016/11/16 - 15:22**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

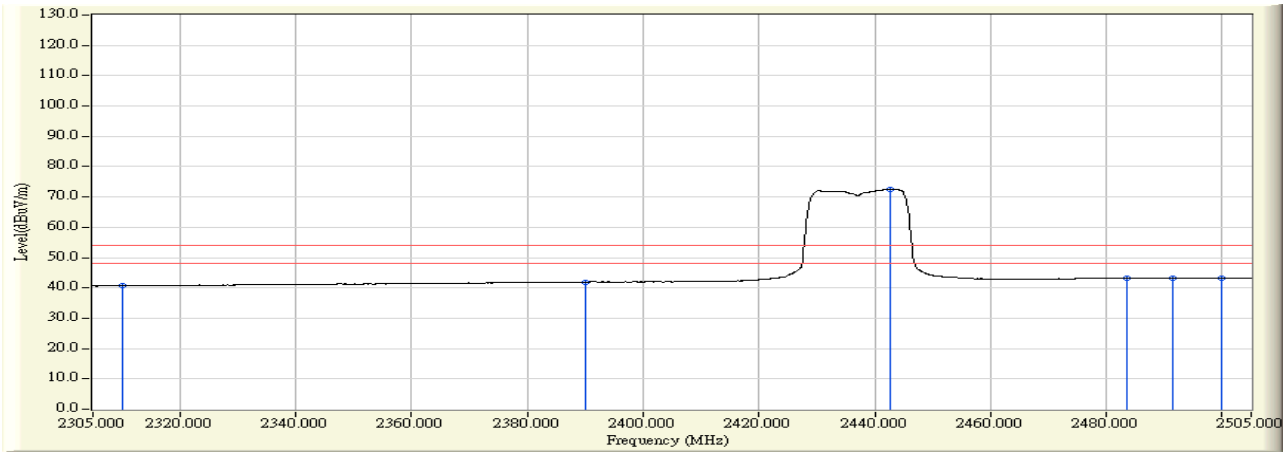


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	23.654	52.438	-21.562	74.000	PEAK
2		2390.000	29.747	24.556	54.303	-19.697	74.000	PEAK
3	*	2441.400	30.366	53.419	83.785	9.785	74.000	PEAK
4		2483.500	30.830	24.472	55.302	-18.698	74.000	PEAK
5		2494.500	30.857	26.471	57.328	-16.672	74.000	PEAK
6		2500.000	30.860	24.513	55.372	-18.628	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.

Site : CB1	**Time : 2016/11/16 - 15:23**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2437MHz**

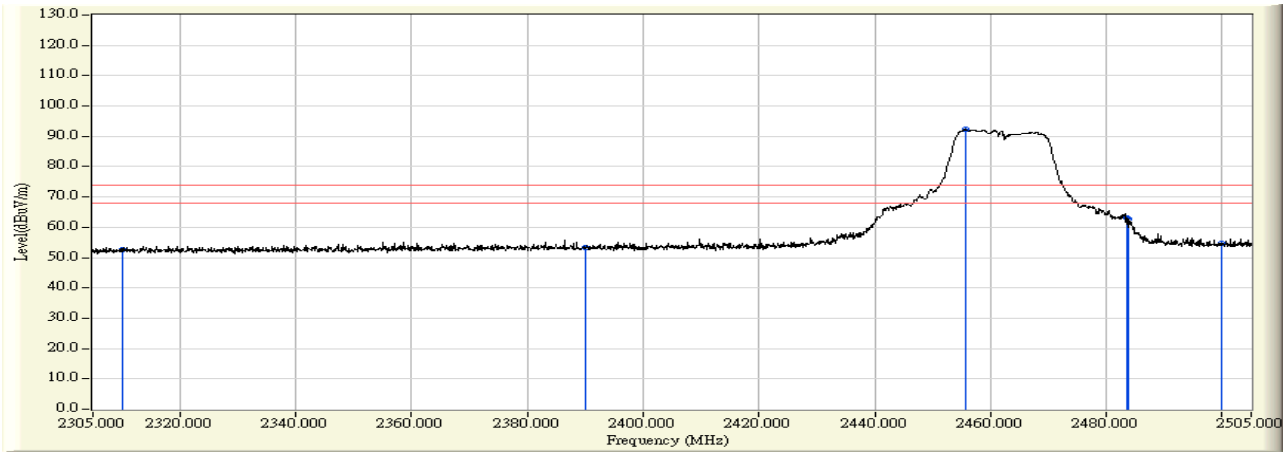


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	11.961	40.745	-13.255	54.000	AVERAGE
2		2390.000	29.747	12.104	41.851	-12.149	54.000	AVERAGE
3	*	2442.600	30.380	42.242	72.623	18.623	54.000	AVERAGE
4		2483.500	30.830	12.362	43.192	-10.808	54.000	AVERAGE
5		2491.400	30.850	12.404	43.254	-10.746	54.000	AVERAGE
6		2500.000	30.860	12.302	43.161	-10.839	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.

Site : CB1	**Time : 2016/11/16 - 11:56**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2462MHz**

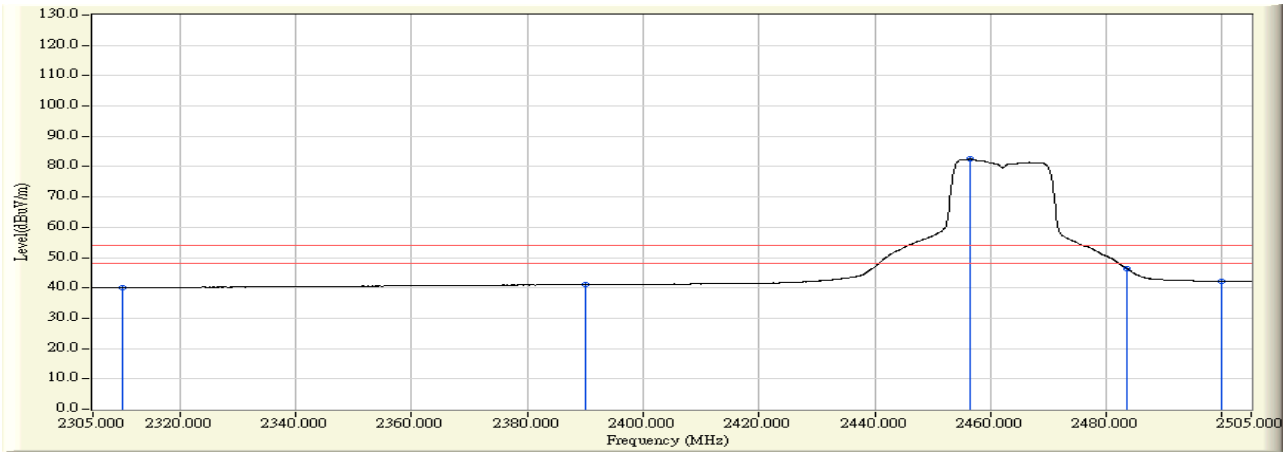


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.367	52.497	-21.503	74.000	PEAK
2		2390.000	28.933	24.429	53.362	-20.638	74.000	PEAK
3	*	2455.600	29.592	62.610	92.202	18.202	74.000	PEAK
4		2483.500	29.829	33.300	63.129	-10.871	74.000	PEAK
5		2483.800	29.830	32.852	62.681	-11.319	74.000	PEAK
6		2500.000	29.826	24.851	54.676	-19.324	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.

Site : CB1	**Time : 2016/11/16 - 11:57**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2462MHz**

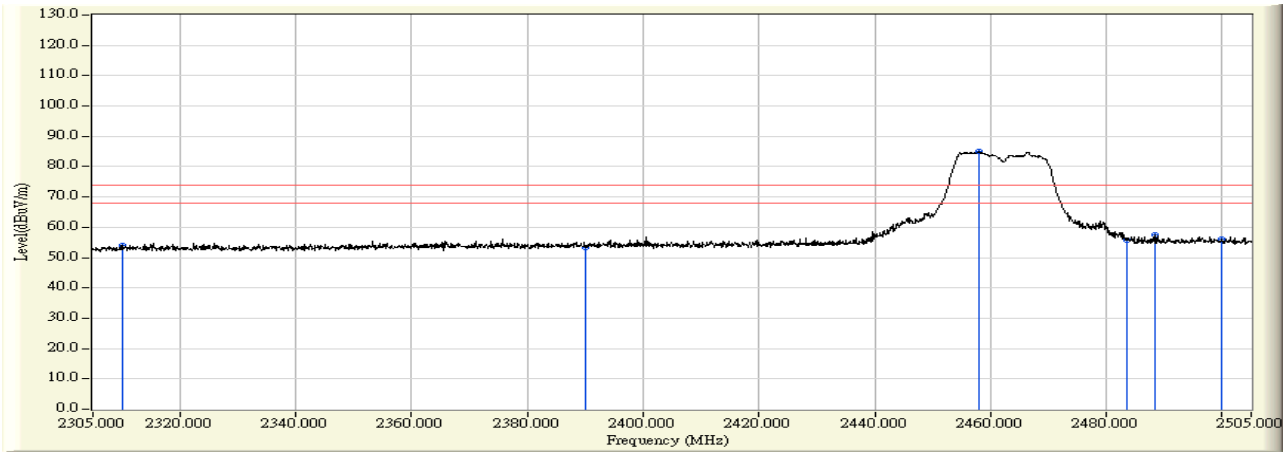


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.995	40.125	-13.875	54.000	AVERAGE
2		2390.000	28.933	12.144	41.077	-12.923	54.000	AVERAGE
3	*	2456.500	29.601	52.894	82.495	28.495	54.000	AVERAGE
4		2483.500	29.829	16.671	46.500	-7.500	54.000	AVERAGE
5		2483.600	29.829	16.516	46.345	-7.655	54.000	AVERAGE
6		2500.000	29.826	12.423	42.248	-11.752	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.

Site : CB1	**Time : 2016/11/16 - 15:25**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2462MHz**

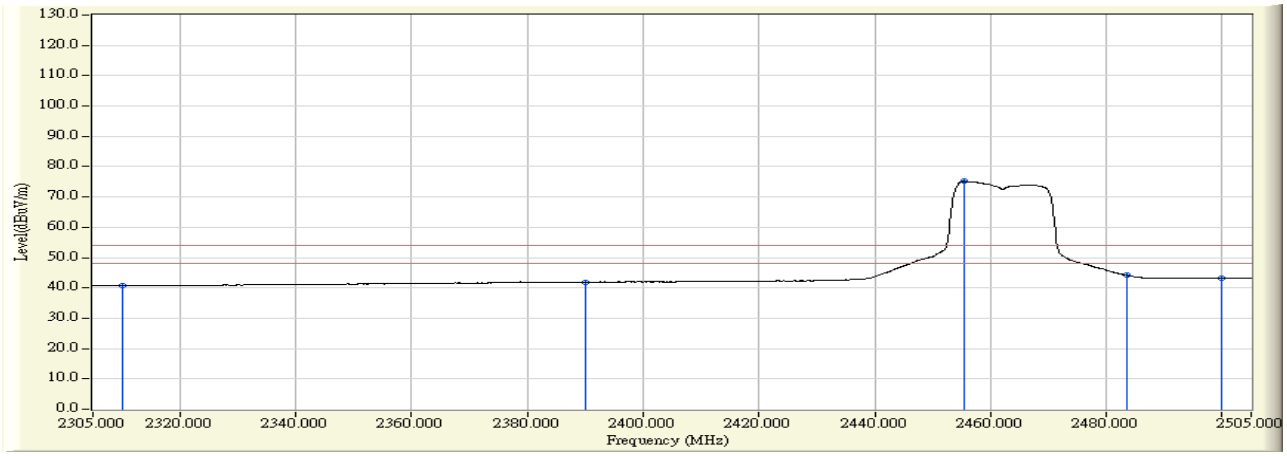


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	25.226	54.010	-19.990	74.000	PEAK
2		2390.000	29.747	23.659	53.406	-20.594	74.000	PEAK
3	*	2457.900	30.564	54.394	84.959	10.959	74.000	PEAK
4		2483.500	30.830	25.068	55.898	-18.102	74.000	PEAK
5		2488.300	30.842	26.633	57.475	-16.525	74.000	PEAK
6		2500.000	30.860	25.129	55.988	-18.012	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.

Site : CB1	**Time : 2016/11/16 - 15:25**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 1: Transmit_SISO Mode 802.11g_2462MHz**

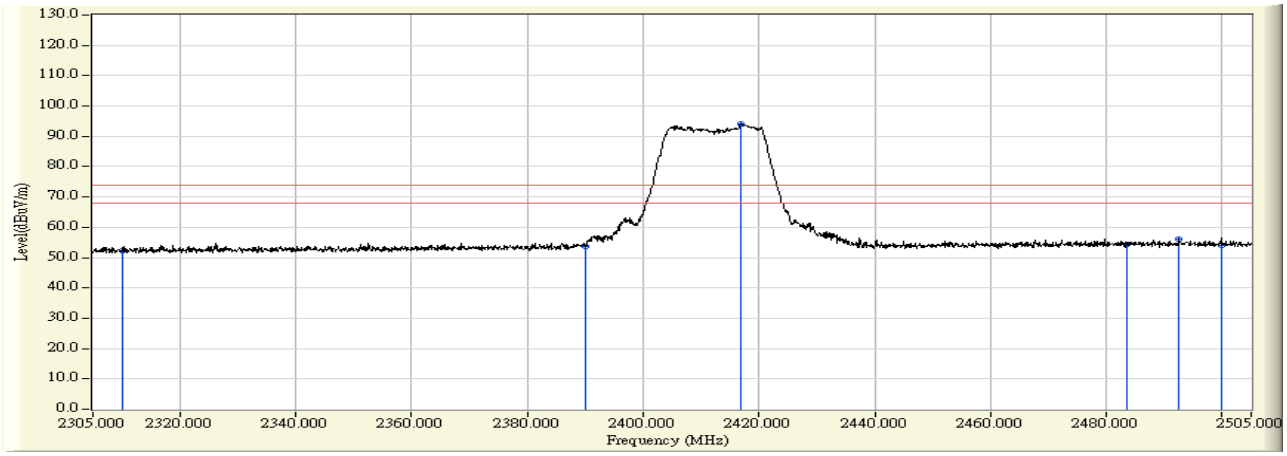


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.033	40.817	-13.183	54.000	AVERAGE
2		2390.000	29.747	12.189	41.936	-12.064	54.000	AVERAGE
3	*	2455.400	30.535	44.632	75.167	21.167	54.000	AVERAGE
4		2483.500	30.830	13.351	44.181	-9.819	54.000	AVERAGE
5		2483.600	30.831	13.302	44.132	-9.868	54.000	AVERAGE
6		2500.000	30.860	12.362	43.221	-10.779	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.

Site : CB1	**Time : 2016/11/16 - 13:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2412MHz**

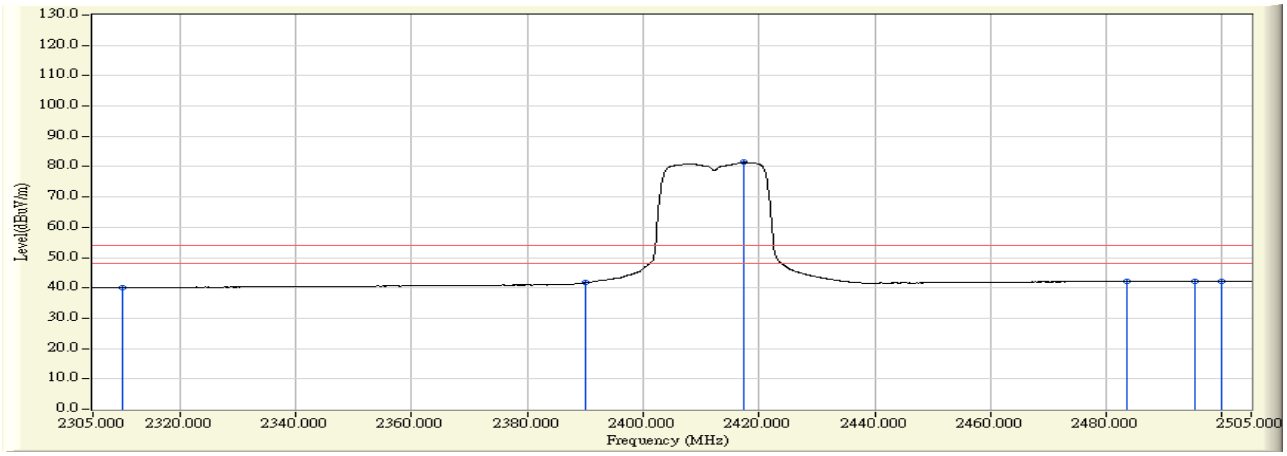


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.085	52.215	-21.785	74.000	PEAK
2		2390.000	28.933	24.850	53.783	-20.217	74.000	PEAK
3	*	2417.000	29.204	64.902	94.106	20.106	74.000	PEAK
4		2483.500	29.829	24.429	54.258	-19.742	74.000	PEAK
5		2492.600	29.833	26.452	56.286	-17.714	74.000	PEAK
6		2500.000	29.826	24.343	54.168	-19.832	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.

Site : CB1	**Time : 2016/11/16 - 13:18**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2412MHz**

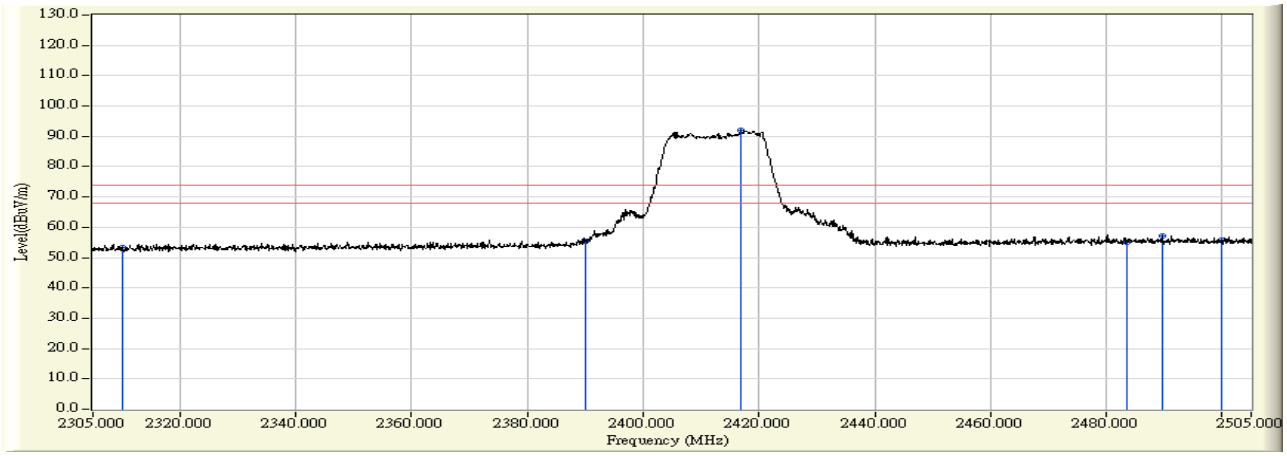


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.955	40.085	-13.915	54.000	AVERAGE
2		2390.000	28.933	12.739	41.672	-12.328	54.000	AVERAGE
3	*	2417.400	29.209	52.190	81.398	27.398	54.000	AVERAGE
4		2483.500	29.829	12.345	42.174	-11.826	54.000	AVERAGE
5		2495.200	29.835	12.390	42.225	-11.775	54.000	AVERAGE
6		2500.000	29.826	12.285	42.110	-11.890	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.

Site : CB1	**Time : 2016/11/16 - 15:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2412MHz**

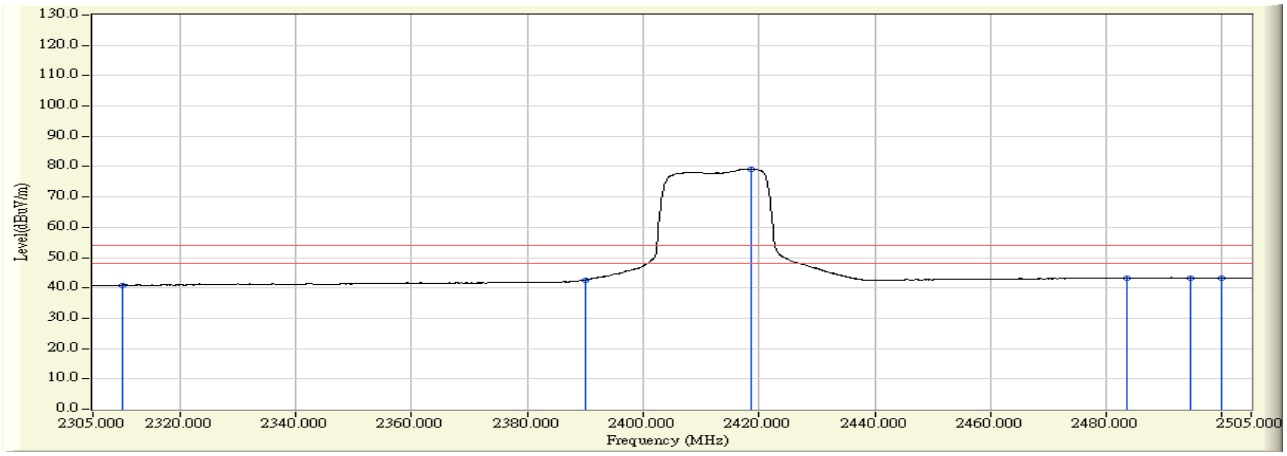


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.384	53.168	-20.832	74.000	PEAK
2		2390.000	29.747	25.642	55.389	-18.611	74.000	PEAK
3	*	2417.000	30.072	62.023	92.095	18.095	74.000	PEAK
4		2483.500	30.830	24.388	55.218	-18.782	74.000	PEAK
5		2489.800	30.845	26.159	57.005	-16.995	74.000	PEAK
6		2500.000	30.860	24.969	55.828	-18.172	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.

Site : CB1	**Time : 2016/11/16 - 15:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2412MHz**

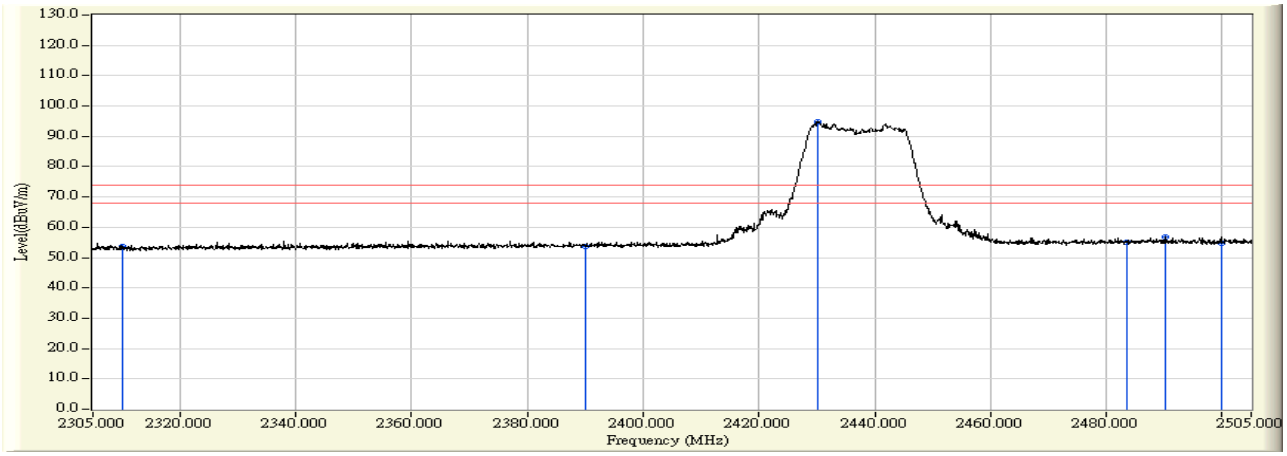


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.163	40.947	-13.053	54.000	AVERAGE
2		2390.000	29.747	12.855	42.602	-11.398	54.000	AVERAGE
3	*	2418.600	30.092	49.196	79.288	25.288	54.000	AVERAGE
4		2483.500	30.830	12.437	43.267	-10.733	54.000	AVERAGE
5		2494.400	30.857	12.465	43.322	-10.678	54.000	AVERAGE
6		2500.000	30.860	12.393	43.252	-10.748	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.

Site : CB1	**Time : 2016/11/16 - 13:23**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2437MHz**

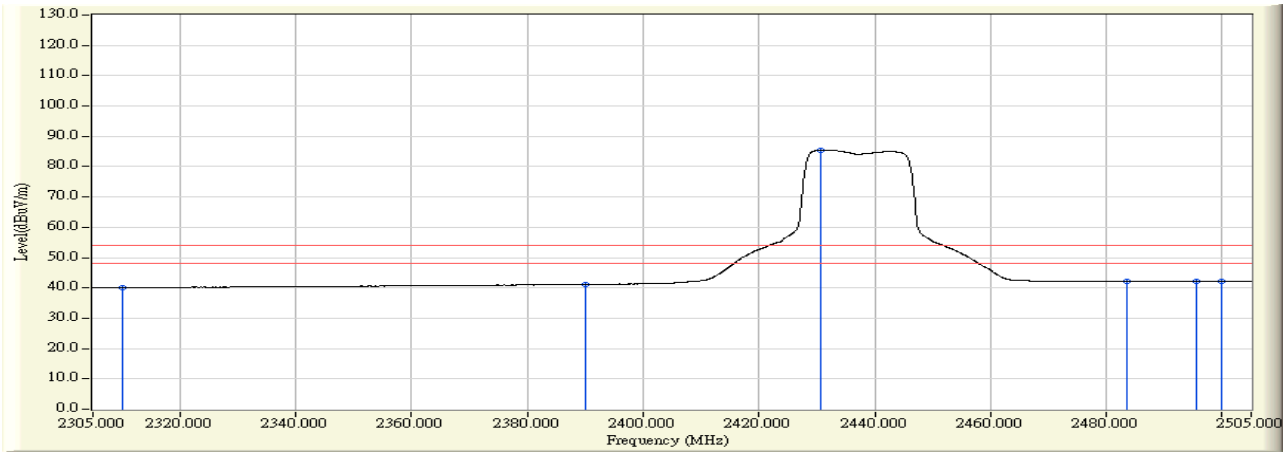


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	25.403	53.533	-20.467	74.000	PEAK
2		2390.000	28.933	24.731	53.664	-20.336	74.000	PEAK
3	*	2430.200	29.337	65.381	94.718	20.718	74.000	PEAK
4		2483.500	29.829	25.248	55.077	-18.923	74.000	PEAK
5		2490.100	29.832	26.830	56.662	-17.338	74.000	PEAK
6		2500.000	29.826	24.767	54.592	-19.408	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.

Site : CB1	**Time : 2016/11/16 - 14:28**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2437MHz**

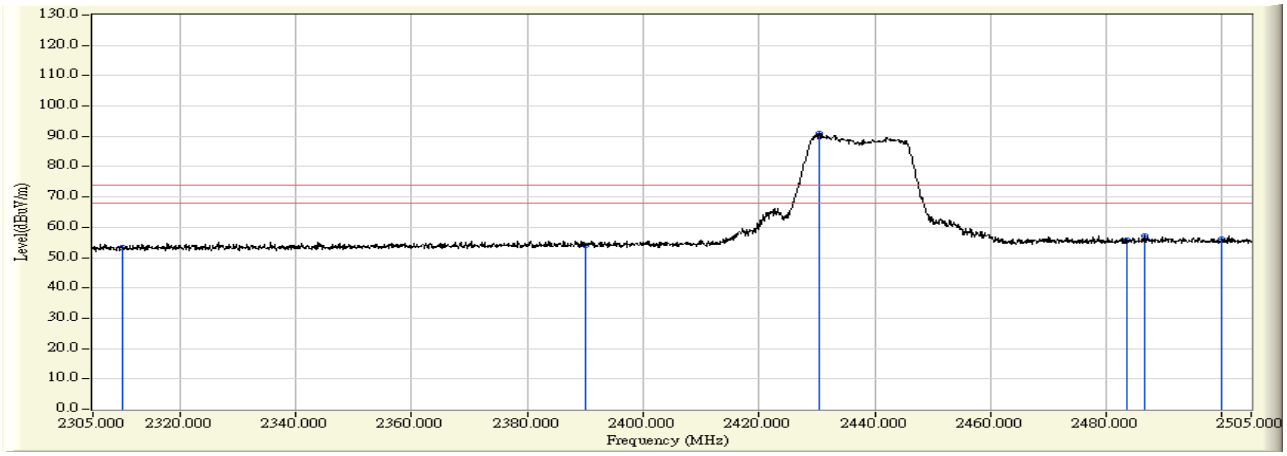


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.952	40.082	-13.918	54.000	AVERAGE
2		2390.000	28.933	12.245	41.178	-12.822	54.000	AVERAGE
3	*	2430.600	29.341	56.155	85.496	31.496	54.000	AVERAGE
4		2483.500	29.829	12.360	42.189	-11.811	54.000	AVERAGE
5		2495.600	29.835	12.413	42.248	-11.752	54.000	AVERAGE
6		2500.000	29.826	12.384	42.209	-11.791	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.

Site : CB1	**Time : 2016/11/16 - 15:38**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2437MHz**

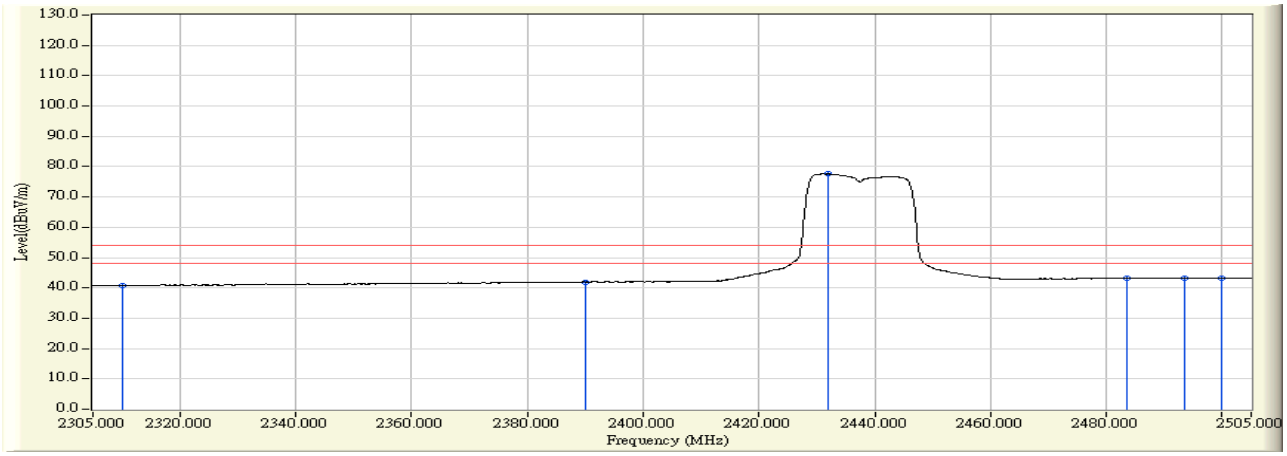


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.548	53.332	-20.668	74.000	PEAK
2		2390.000	29.747	24.326	54.073	-19.927	74.000	PEAK
3	*	2430.300	30.232	60.896	91.128	17.128	74.000	PEAK
4		2483.500	30.830	25.061	55.891	-18.109	74.000	PEAK
5		2486.500	30.838	26.350	57.188	-16.812	74.000	PEAK
6		2500.000	30.860	25.324	56.183	-17.817	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.

Site : CB1	**Time : 2016/11/16 - 15:38**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2437MHz**

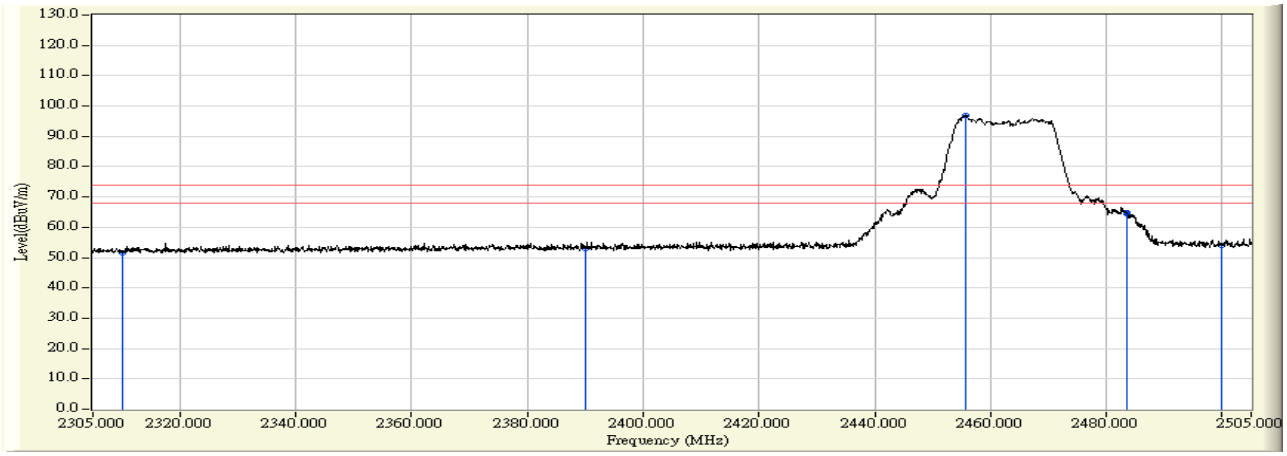


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	11.900	40.684	-13.316	54.000	AVERAGE
2		2390.000	29.747	12.245	41.992	-12.008	54.000	AVERAGE
3	*	2432.000	30.253	47.388	77.641	23.641	54.000	AVERAGE
4		2483.500	30.830	12.321	43.151	-10.849	54.000	AVERAGE
5		2493.400	30.788	12.534	43.321	-10.679	54.000	AVERAGE
6		2500.000	30.860	12.375	43.234	-10.766	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.

Site : CB1	**Time : 2016/11/16 - 14:33**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2462MHz**

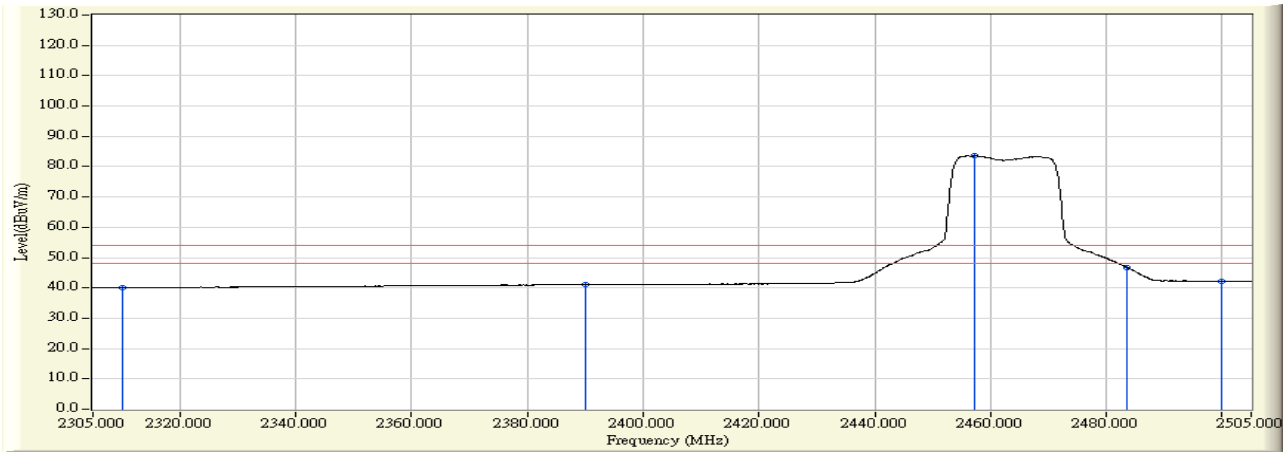


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	23.592	51.722	-22.278	74.000	PEAK
2		2390.000	28.933	23.994	52.927	-21.073	74.000	PEAK
3	*	2455.700	29.593	67.426	97.019	23.019	74.000	PEAK
4		2483.500	29.829	34.634	64.463	-9.537	74.000	PEAK
5		2483.600	29.829	35.069	64.898	-9.102	74.000	PEAK
6		2500.000	29.826	24.192	54.017	-19.983	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.

Site : CB1	**Time : 2016/11/16 - 14:33**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2462MHz**

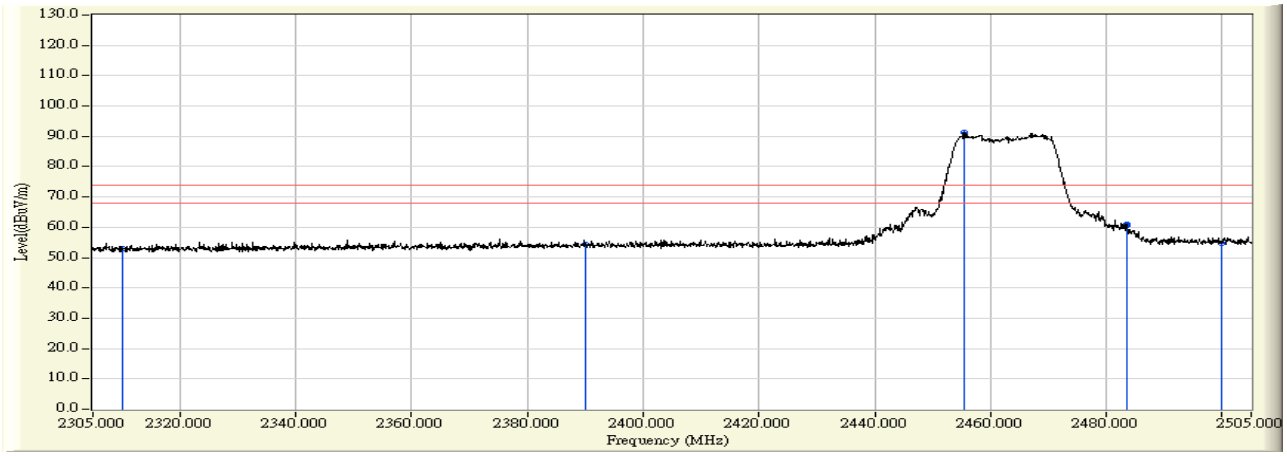


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.952	40.082	-13.918	54.000	AVERAGE
2		2390.000	28.933	12.189	41.122	-12.878	54.000	AVERAGE
3	*	2457.300	29.609	53.954	83.563	29.563	54.000	AVERAGE
4		2483.500	29.829	16.958	46.787	-7.213	54.000	AVERAGE
5		2483.600	29.829	16.828	46.657	-7.343	54.000	AVERAGE
6		2500.000	29.826	12.343	42.168	-11.832	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.

Site : CB1	**Time : 2016/11/16 - 15:43**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2462MHz**

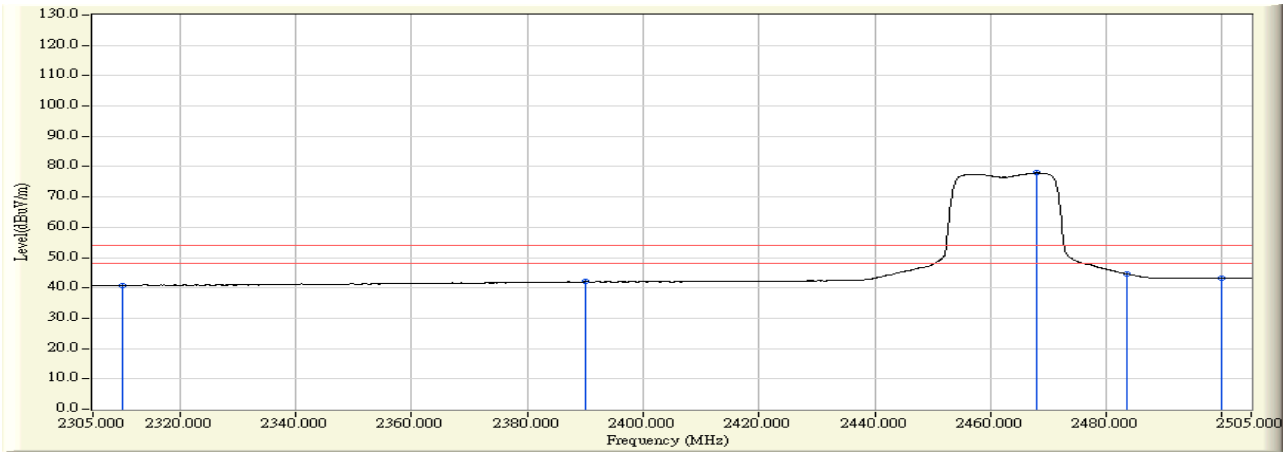


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.181	52.965	-21.035	74.000	PEAK
2		2390.000	29.747	24.628	54.375	-19.625	74.000	PEAK
3	*	2455.400	30.535	60.717	91.252	17.252	74.000	PEAK
4		2483.500	30.830	30.041	60.871	-13.129	74.000	PEAK
5		2483.600	30.831	29.788	60.618	-13.382	74.000	PEAK
6		2500.000	30.860	23.936	54.795	-19.205	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.

Site : CB1	**Time : 2016/11/16 - 15:43**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(20M)2462MHz**

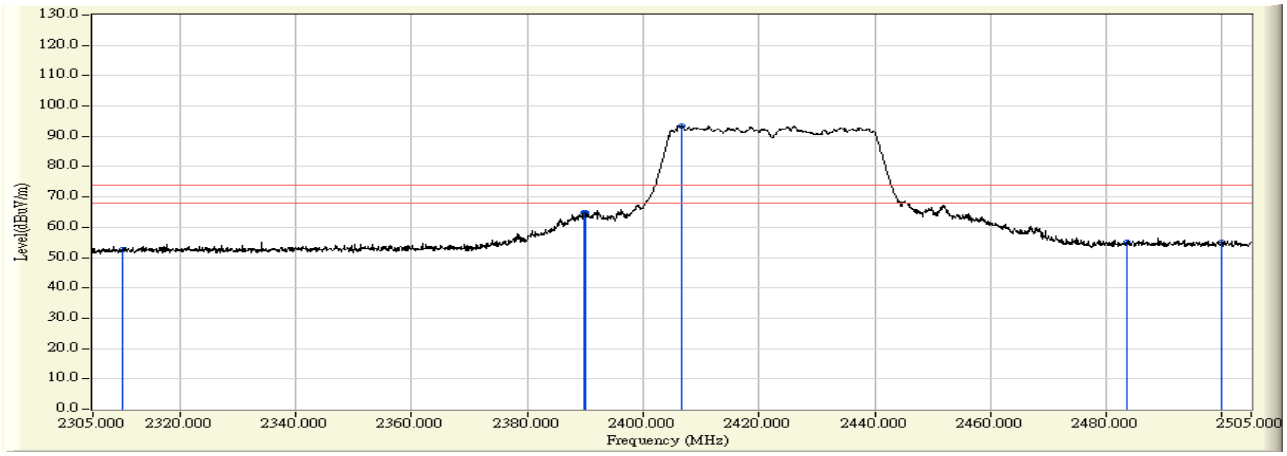


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	11.946	40.730	-13.270	54.000	AVERAGE
2		2390.000	29.747	12.324	42.071	-11.929	54.000	AVERAGE
3	*	2468.000	30.687	47.237	77.923	23.923	54.000	AVERAGE
4		2483.500	30.830	13.701	44.531	-9.469	54.000	AVERAGE
5		2483.600	30.831	13.719	44.549	-9.451	54.000	AVERAGE
6		2500.000	30.860	12.359	43.218	-10.782	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.

Site : CB1	**Time : 2016/11/16 - 14:40**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2422MHz**

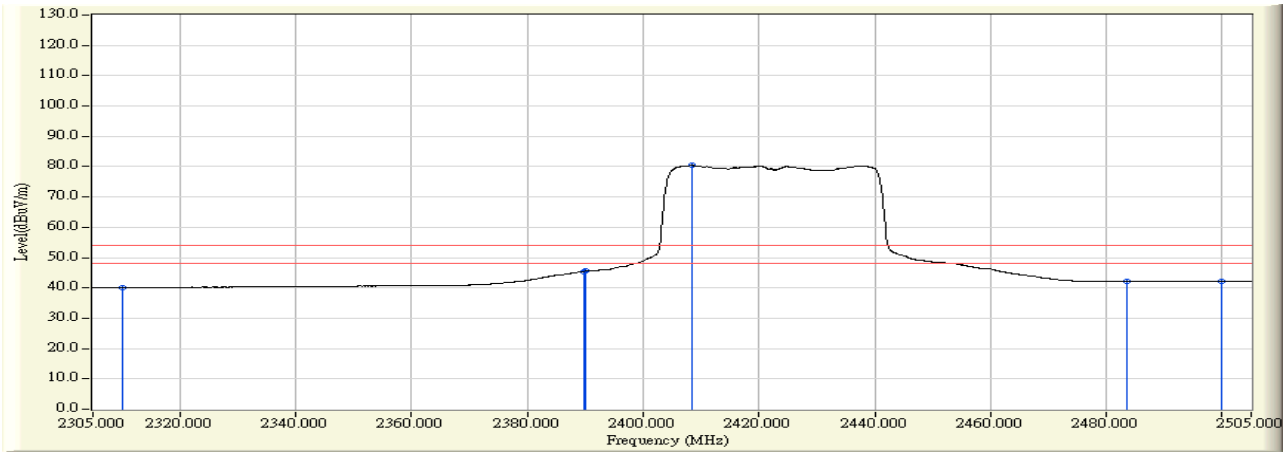


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.518	52.648	-21.352	74.000	PEAK
2		2389.700	28.930	35.950	64.880	-9.120	74.000	PEAK
3		2390.000	28.933	36.046	64.979	-9.021	74.000	PEAK
4	*	2406.600	29.100	64.453	93.553	19.553	74.000	PEAK
5		2483.500	29.829	25.306	55.135	-18.865	74.000	PEAK
6		2500.000	29.826	25.200	55.025	-18.975	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.

Site : CB1	**Time : 2016/11/16 - 14:40**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2422MHz**

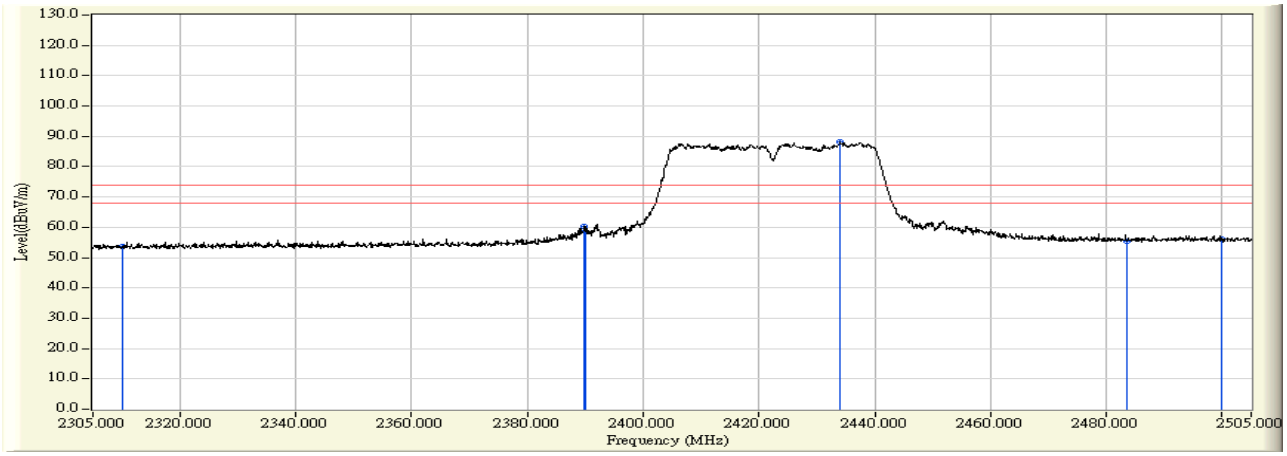


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.929	40.059	-13.941	54.000	AVERAGE
2		2389.900	28.932	16.463	45.395	-8.605	54.000	AVERAGE
3		2390.000	28.933	16.558	45.491	-8.509	54.000	AVERAGE
4	*	2408.500	29.119	51.321	80.440	26.440	54.000	AVERAGE
5		2483.500	29.829	12.408	42.237	-11.763	54.000	AVERAGE
6		2500.000	29.826	12.327	42.152	-11.848	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.

Site : CB1	**Time : 2016/11/16 - 15:49**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2422MHz**

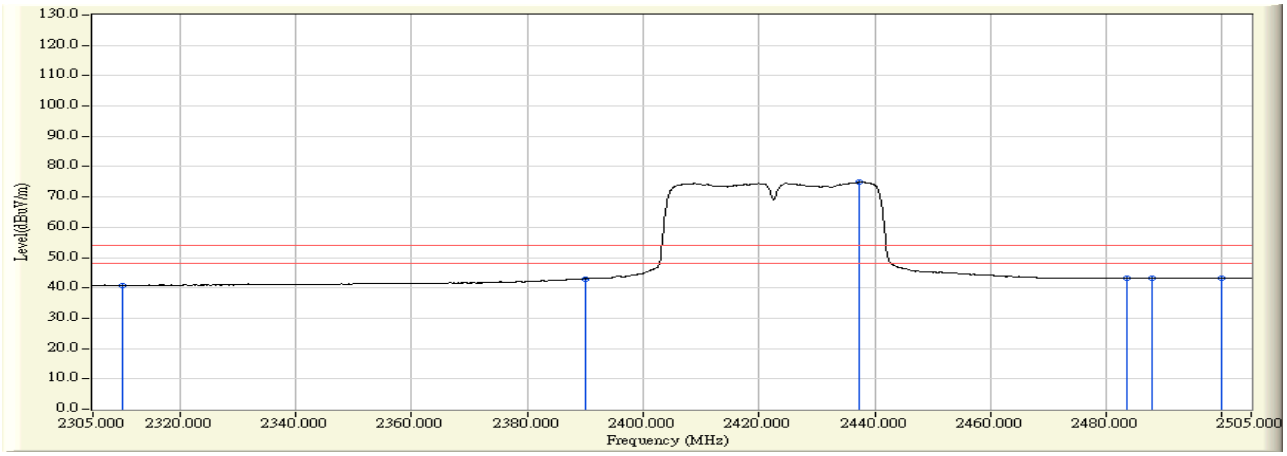


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.855	53.639	-20.361	74.000	PEAK
2		2389.800	29.745	30.559	60.304	-13.696	74.000	PEAK
3		2390.000	29.747	28.855	58.602	-15.398	74.000	PEAK
4	*	2434.000	30.277	57.840	88.117	14.117	74.000	PEAK
5		2483.500	30.830	24.491	55.321	-18.679	74.000	PEAK
6		2500.000	30.860	25.412	56.271	-17.729	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.

Site : CB1	**Time : 2016/11/16 - 15:50**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2422MHz**

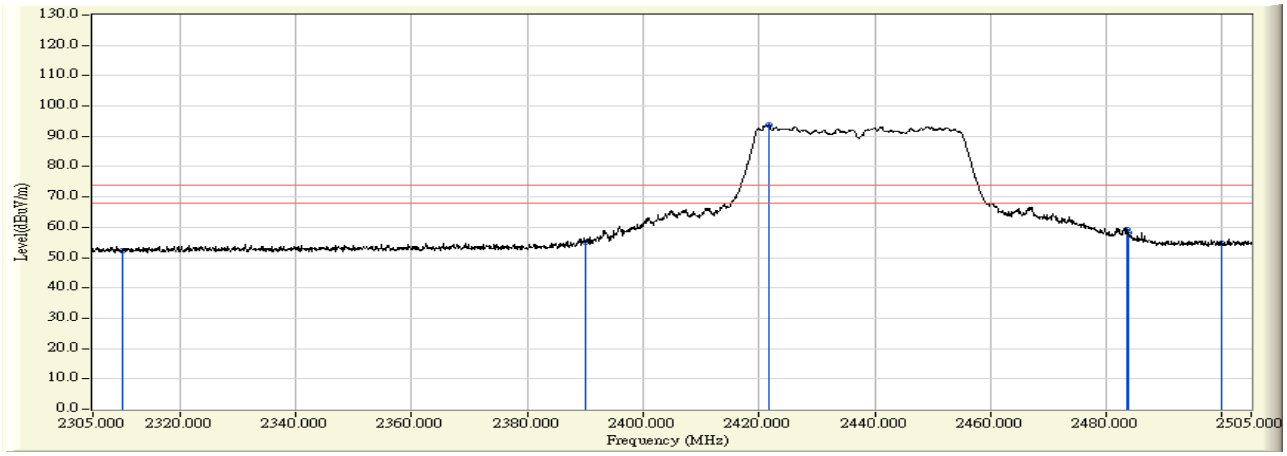


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	11.980	40.764	-13.236	54.000	AVERAGE
2		2390.000	29.747	13.274	43.021	-10.979	54.000	AVERAGE
3	*	2437.300	30.316	44.547	74.864	20.864	54.000	AVERAGE
4		2483.500	30.830	12.379	43.209	-10.791	54.000	AVERAGE
5		2487.800	30.840	12.436	43.277	-10.723	54.000	AVERAGE
6		2500.000	30.860	12.307	43.166	-10.834	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.

Site : CB1	**Time : 2016/11/16 - 14:43**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2437MHz**

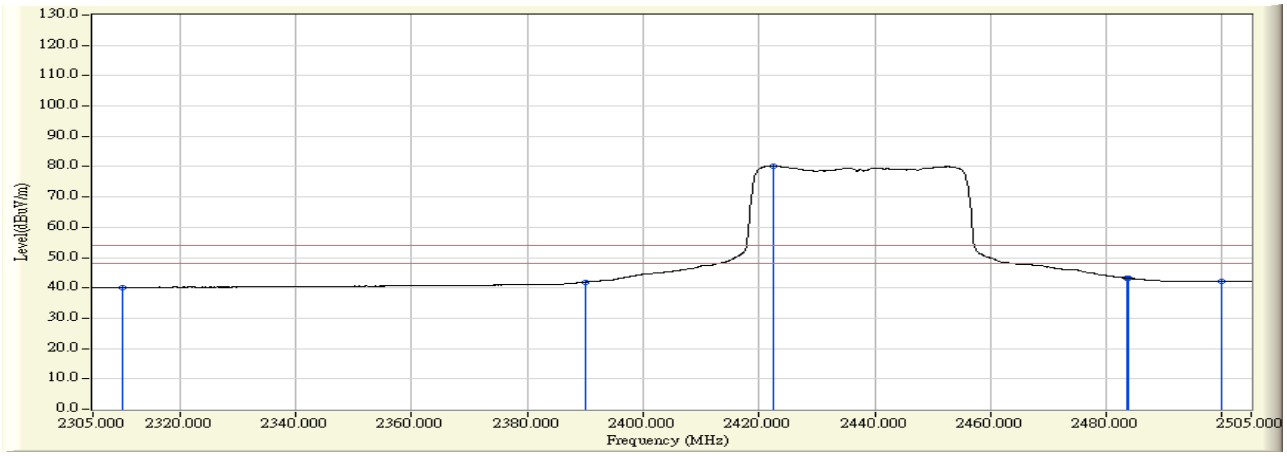


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.169	52.299	-21.701	74.000	PEAK
2		2390.000	28.933	26.244	55.177	-18.823	74.000	PEAK
3	*	2421.700	29.251	64.493	93.744	19.744	74.000	PEAK
4		2483.500	29.829	29.364	59.193	-14.807	74.000	PEAK
5		2483.900	29.830	28.541	58.370	-15.630	74.000	PEAK
6		2500.000	29.826	24.853	54.678	-19.322	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.

Site : CB1	**Time : 2016/11/16 - 14:44**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2437MHz**

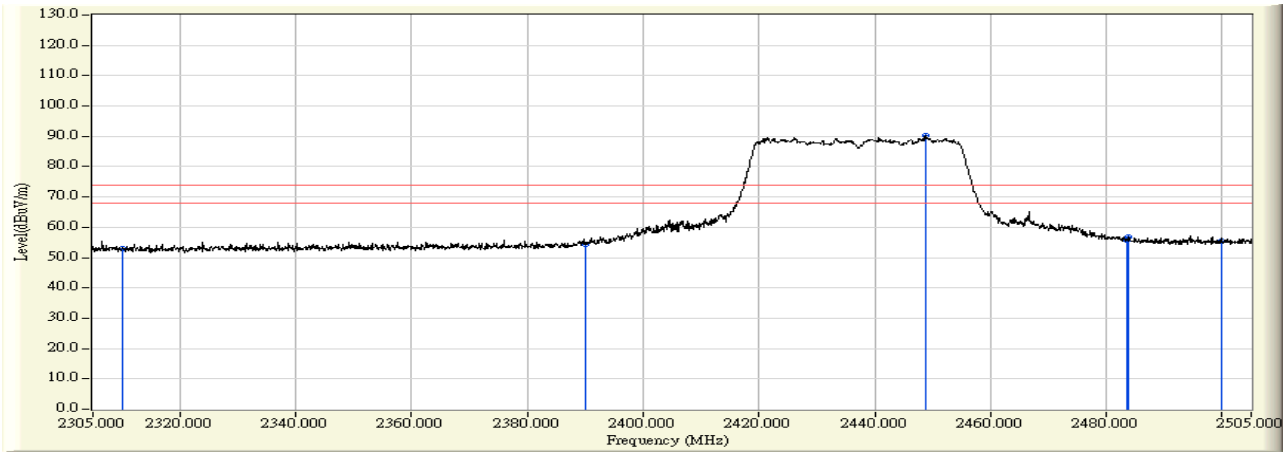


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.949	40.079	-13.921	54.000	AVERAGE
2		2390.000	28.933	12.987	41.920	-12.080	54.000	AVERAGE
3	*	2422.600	29.260	50.878	80.138	26.138	54.000	AVERAGE
4		2483.500	29.829	13.433	43.262	-10.738	54.000	AVERAGE
5		2483.800	29.830	13.400	43.229	-10.771	54.000	AVERAGE
6		2500.000	29.826	12.328	42.153	-11.847	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.

Site : CB1	**Time : 2016/11/16 - 15:53**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2437MHz**

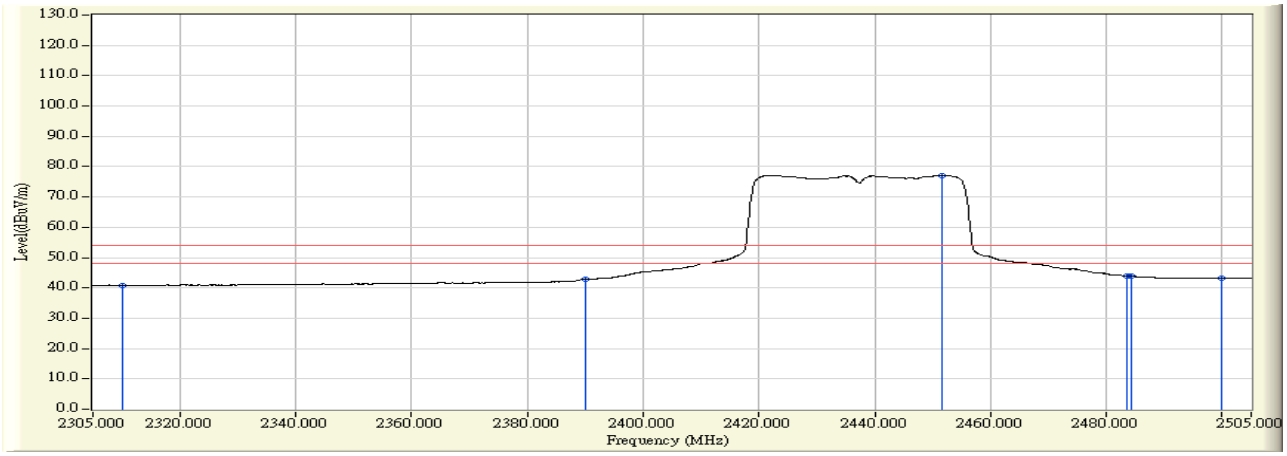


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.114	52.898	-21.102	74.000	PEAK
2		2390.000	29.747	24.718	54.465	-19.535	74.000	PEAK
3	*	2448.700	30.454	59.741	90.195	16.195	74.000	PEAK
4		2483.500	30.830	24.851	55.681	-18.319	74.000	PEAK
5		2483.800	30.831	25.997	56.828	-17.172	74.000	PEAK
6		2500.000	30.860	24.557	55.416	-18.584	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.

Site : CB1	**Time : 2016/11/16 - 15:53**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2437MHz**

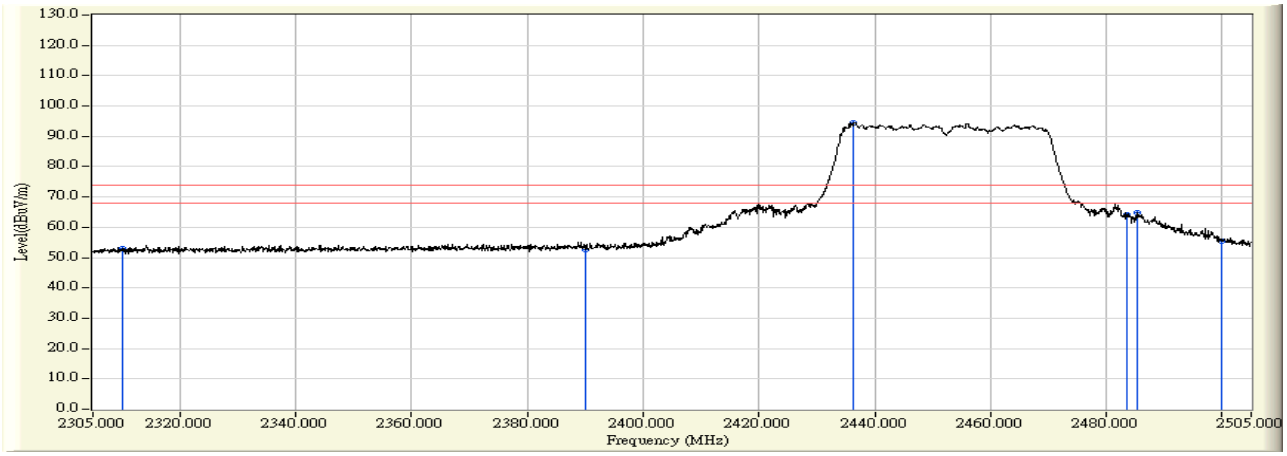


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.038	40.822	-13.178	54.000	AVERAGE
2		2390.000	29.747	13.249	42.996	-11.004	54.000	AVERAGE
3	*	2451.600	30.489	46.672	77.161	23.161	54.000	AVERAGE
4		2483.500	30.830	13.095	43.925	-10.075	54.000	AVERAGE
5		2484.300	30.832	13.021	43.853	-10.147	54.000	AVERAGE
6		2500.000	30.860	12.401	43.260	-10.740	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.

Site : CB1	**Time : 2016/11/16 - 14:47**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2452MHz**

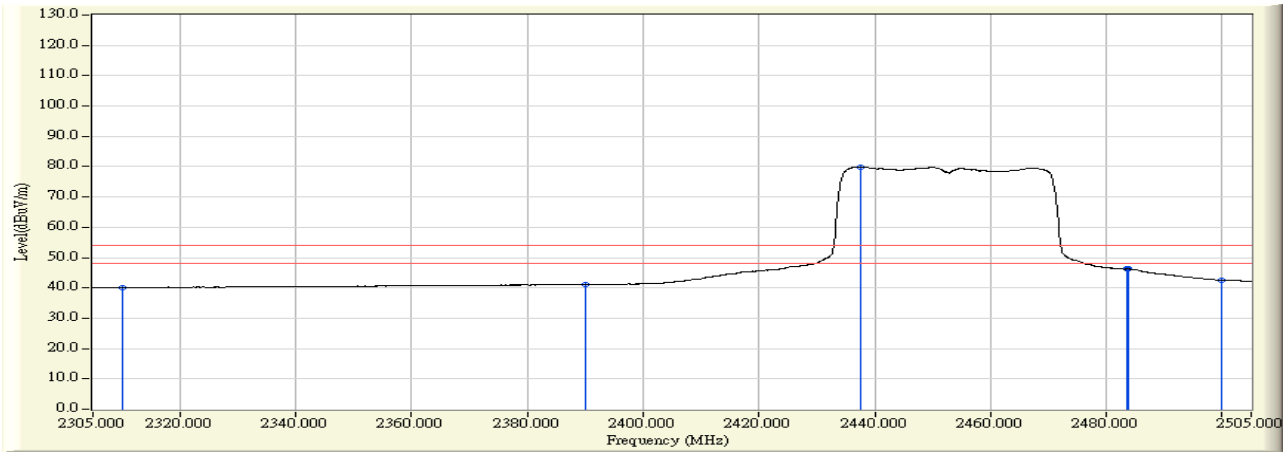


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.675	52.805	-21.195	74.000	PEAK
2		2390.000	28.933	23.547	52.480	-21.520	74.000	PEAK
3	*	2436.400	29.399	65.189	94.588	20.588	74.000	PEAK
4		2483.500	29.829	34.150	63.979	-10.021	74.000	PEAK
5		2485.300	29.830	34.881	64.711	-9.289	74.000	PEAK
6		2500.000	29.826	25.645	55.470	-18.530	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.

Site : CB1	**Time : 2016/11/16 - 14:48**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2452MHz**

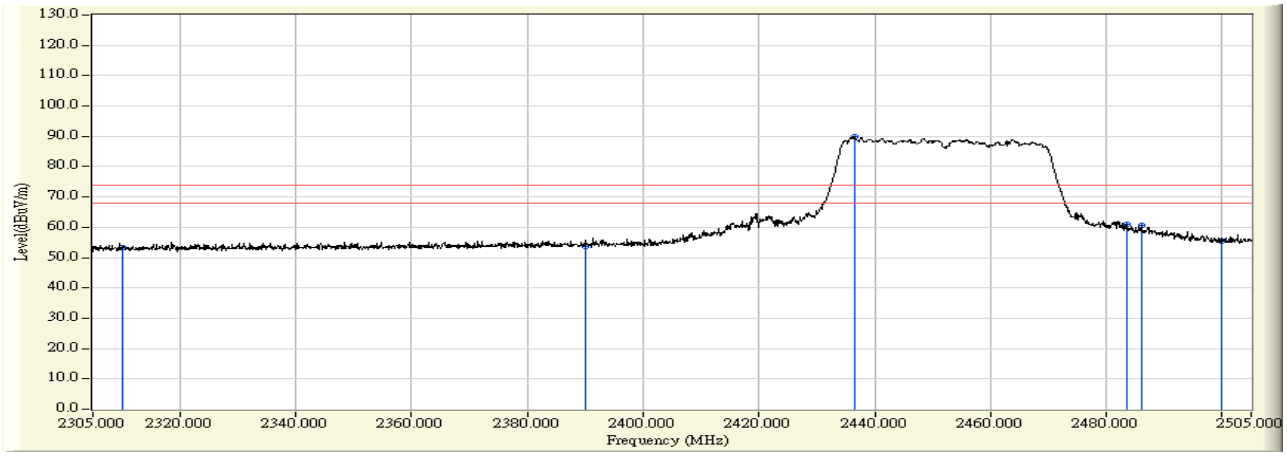


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	11.921	40.051	-13.949	54.000	AVERAGE
2		2390.000	28.933	12.226	41.159	-12.841	54.000	AVERAGE
3	*	2437.600	29.411	50.542	79.953	25.953	54.000	AVERAGE
4		2483.500	29.829	16.351	46.180	-7.820	54.000	AVERAGE
5		2483.800	29.830	16.429	46.258	-7.742	54.000	AVERAGE
6		2500.000	29.826	12.783	42.608	-11.392	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.

Site : CB1	**Time : 2016/11/16 - 15:55**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2452MHz**

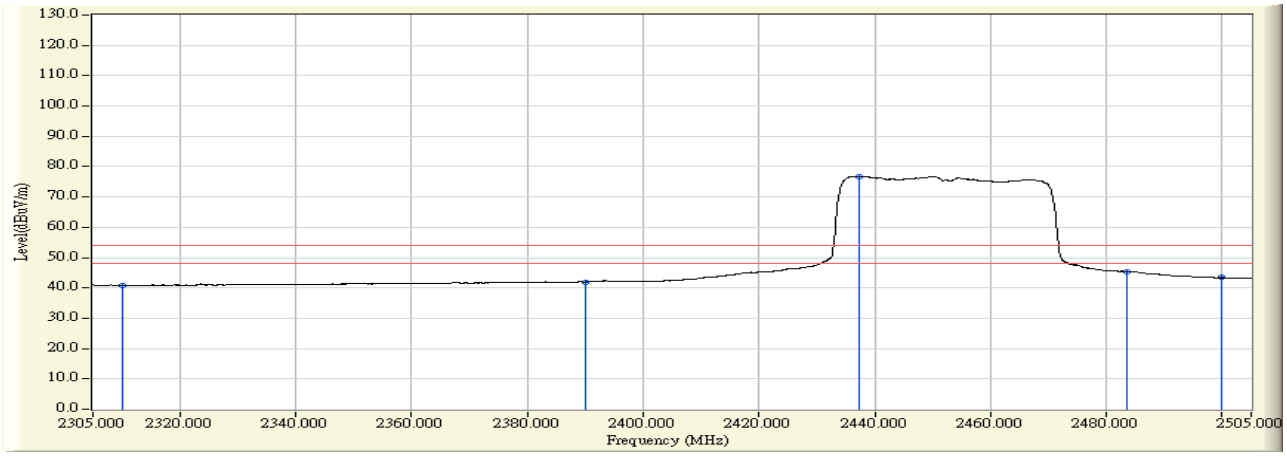


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.646	53.430	-20.570	74.000	PEAK
2		2390.000	29.747	23.778	53.525	-20.475	74.000	PEAK
3	*	2436.600	30.308	59.542	89.850	15.850	74.000	PEAK
4		2483.500	30.830	30.314	61.144	-12.856	74.000	PEAK
5		2486.100	30.837	29.831	60.668	-13.332	74.000	PEAK
6		2500.000	30.860	24.475	55.334	-18.666	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.

Site : CB1	**Time : 2016/11/16 - 15:56**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
EUT : Dual-band Wireless-AC1200 USB Adapter	**Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL**
Power : DC 5V (Power by Notebook PC)	**Note : Mode 2: Transmit_CDD Mode 802.11n(40M)2452MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.079	40.863	-13.137	54.000	AVERAGE
2		2390.000	29.747	12.200	41.947	-12.053	54.000	AVERAGE
3	*	2437.400	30.317	46.528	76.846	22.846	54.000	AVERAGE
4		2483.500	30.830	14.585	45.415	-8.585	54.000	AVERAGE
5		2483.600	30.831	14.575	45.405	-8.595	54.000	AVERAGE
6		2500.000	30.860	12.533	43.392	-10.608	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. DTS Bandwidth

7.1. Test Equipment

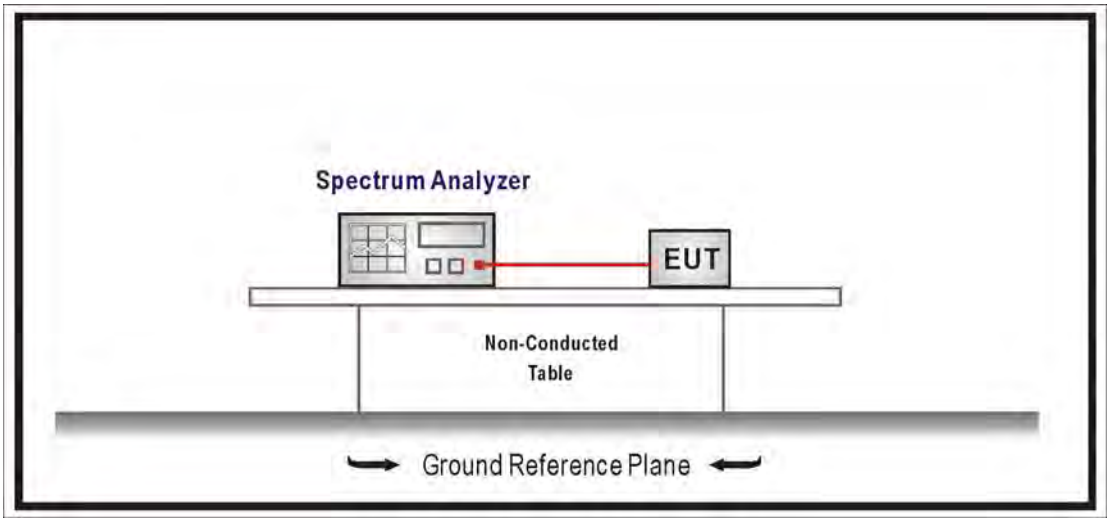
The following test equipments are used during the test:

DTS Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08
Signal & Spectrum Analyzer	R&S	FSV40	101049	2017/01/05
Signal Analyzer	R&S	FSV7	101650	2017/11/15

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

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.10:2013; tested procedure section 8.1 of KDB558074 v03r05for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW≧3xRBW, Sweep Time=Auto, Set Peak Detector.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

7.6. Uncertainty

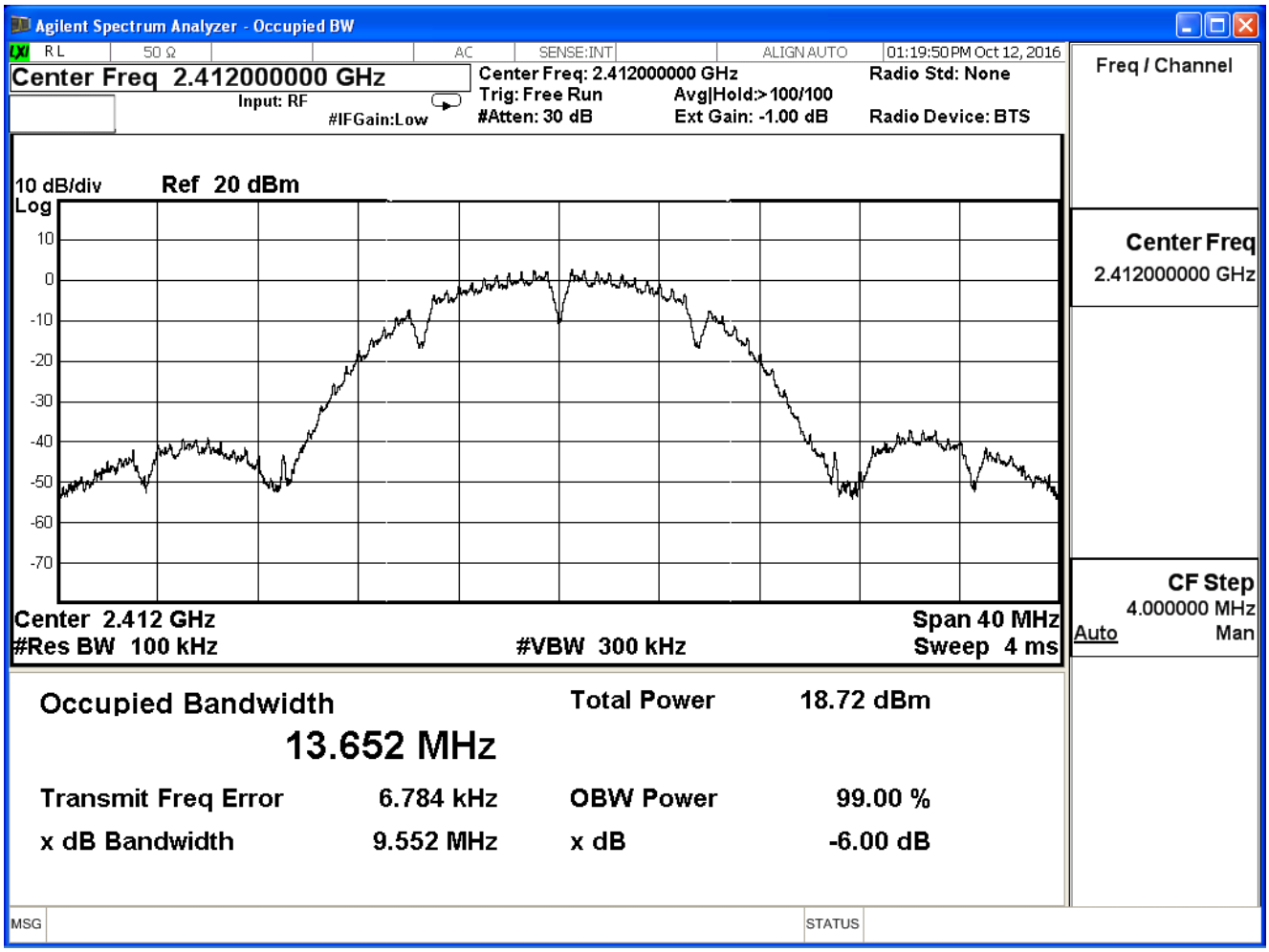
The measurement uncertainty is defined as ±150Hz

7.7. Test Result

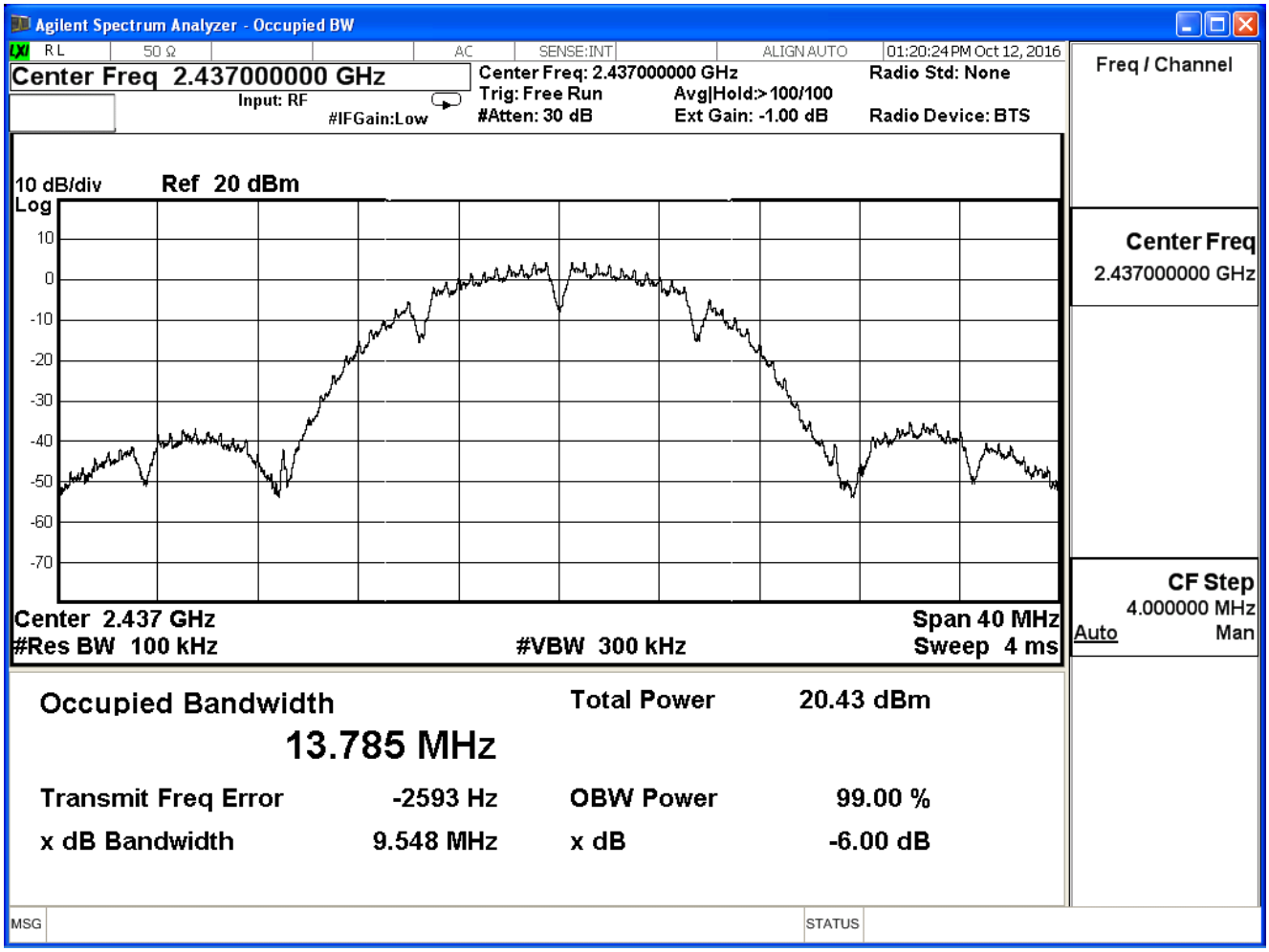
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/12	Test Site	SR7

802.11 b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	9.55	≧0.5	Pass
6	2437	9.55	≧0.5	Pass
11	2462	9.52	≧0.5	Pass

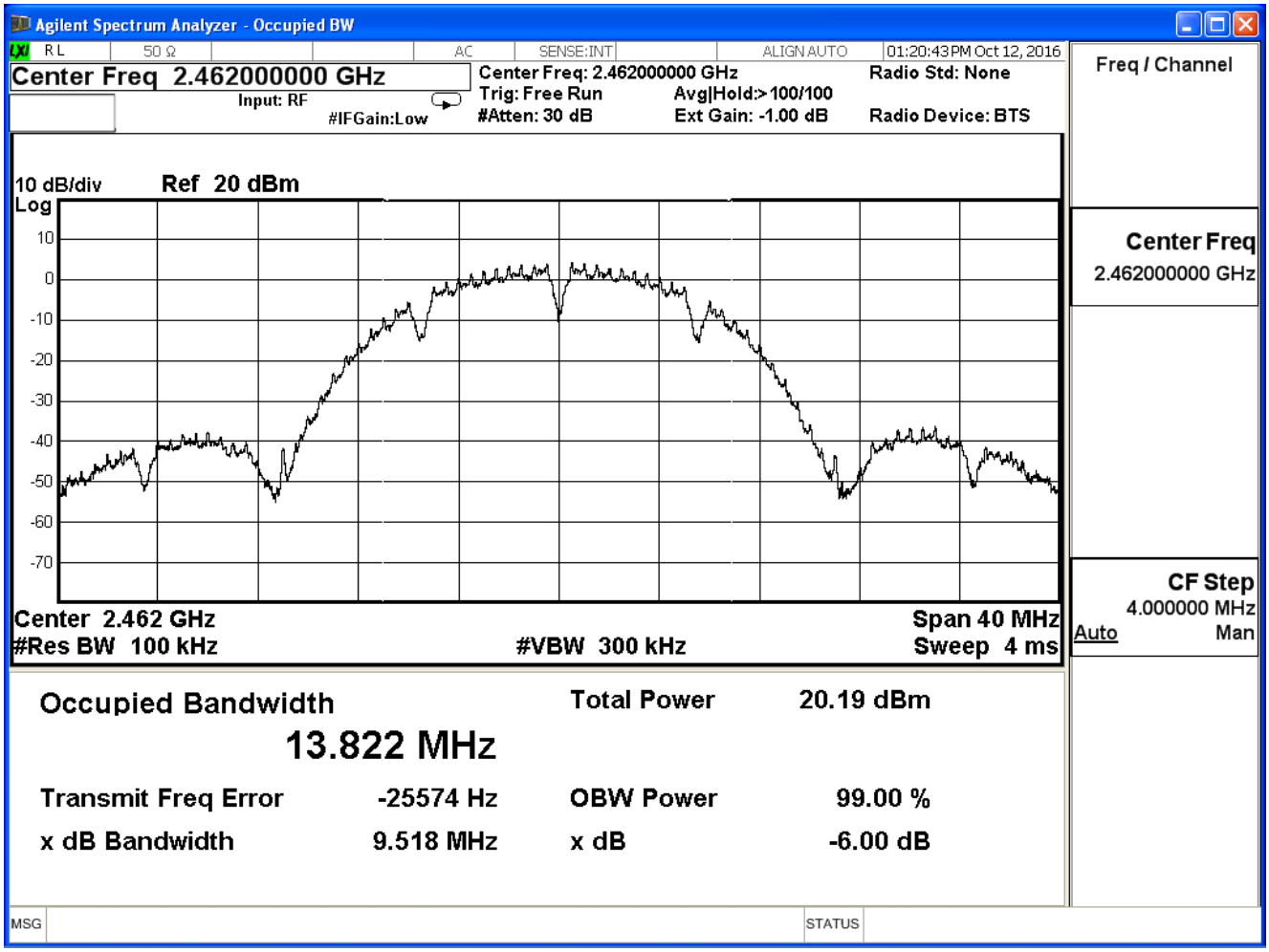
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:20:24 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 4 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
13.785 MHz
Total Power
20.43 dBm
Transmit Freq Error
-2593 Hz
OBW Power
99.00 %
x dB Bandwidth
9.548 MHz
x dB
-6.00 dB
MSG
STATUS

Channel 11

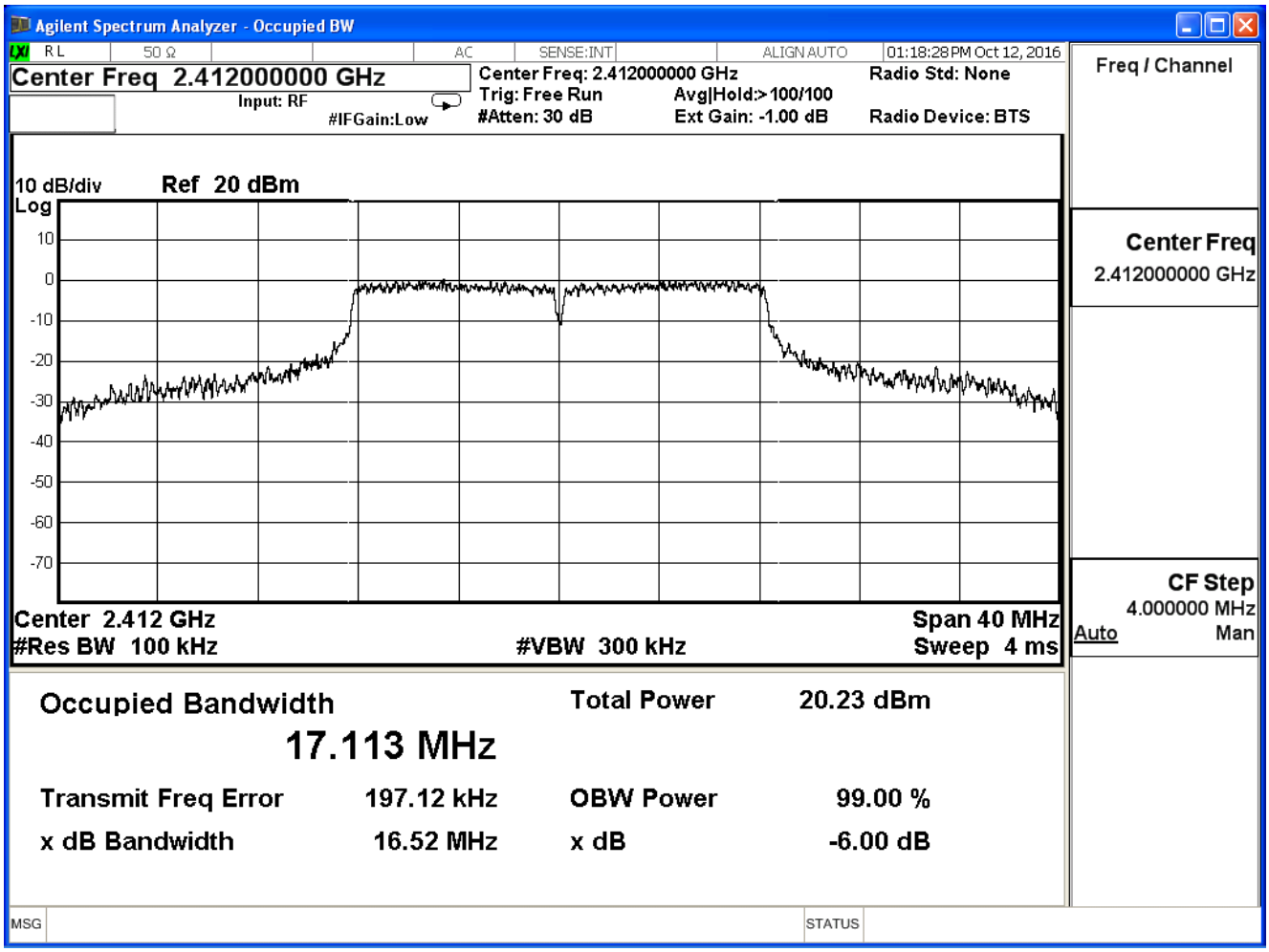

Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:20:43 PM Oct 12, 2016
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 4 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
13.822 MHz
Total Power
20.19 dBm
Transmit Freq Error
-25574 Hz
OBW Power
99.00 %
x dB Bandwidth
9.518 MHz
x dB
-6.00 dB
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/12	Test Site	SR7

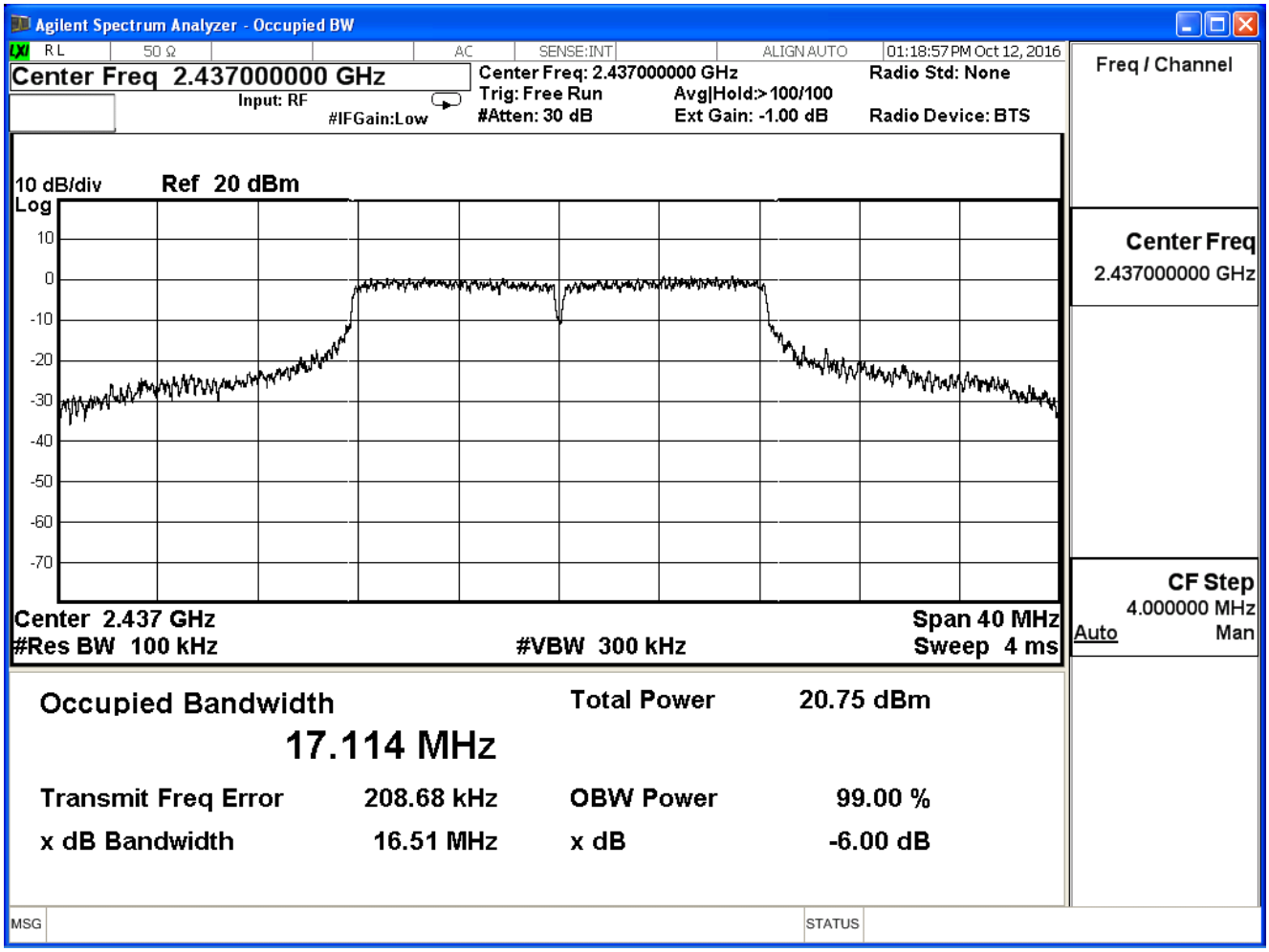
802.11 g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.52	≧0.5	Pass
6	2437	16.51	≧0.5	Pass
11	2462	16.54	≧0.5	Pass

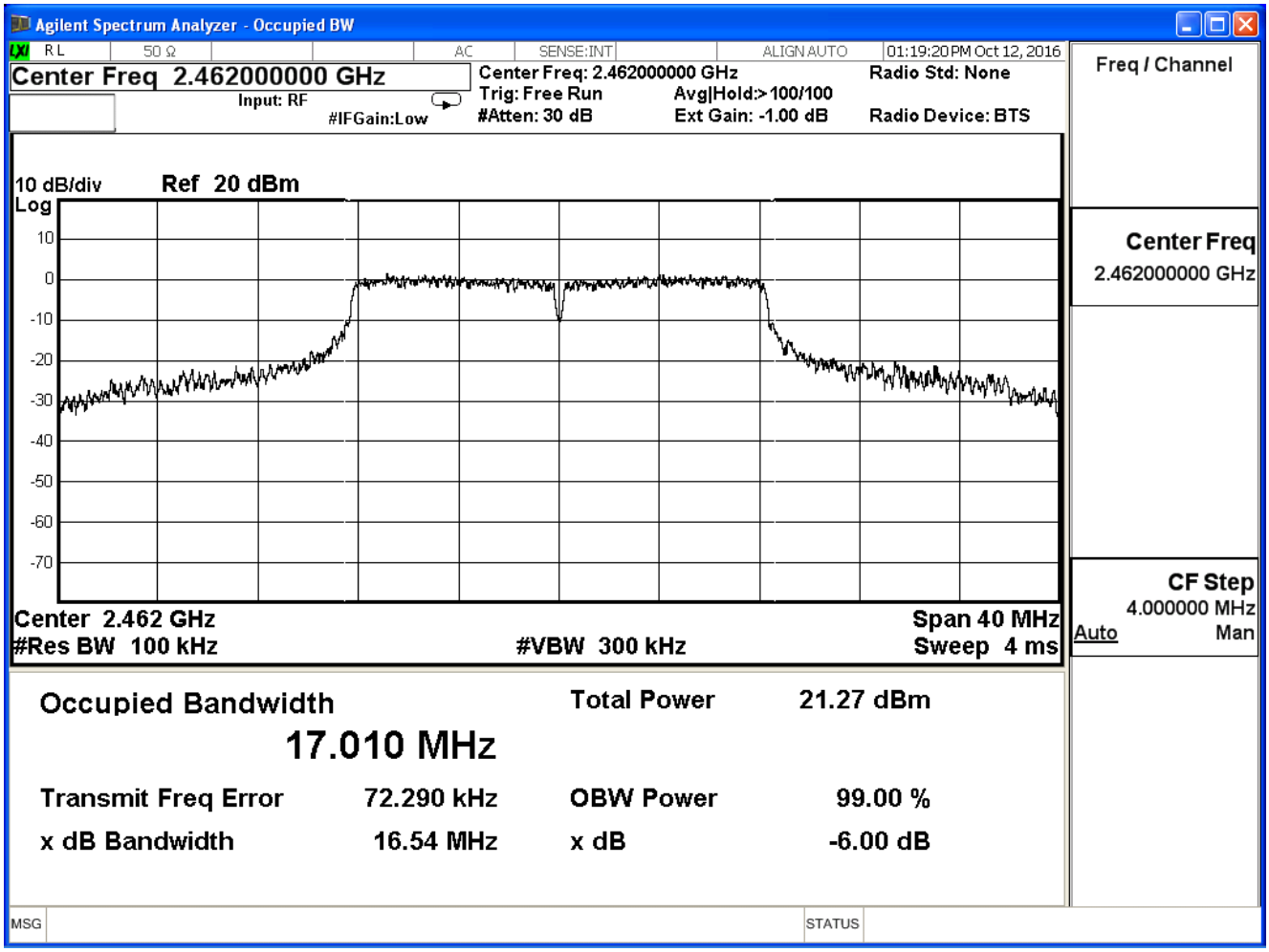
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:18:57 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 4 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.114 MHz
Total Power
20.75 dBm
Transmit Freq Error
208.68 kHz
OBW Power
99.00 %
x dB Bandwidth
16.51 MHz
x dB
-6.00 dB
MSG
STATUS

Channel 11

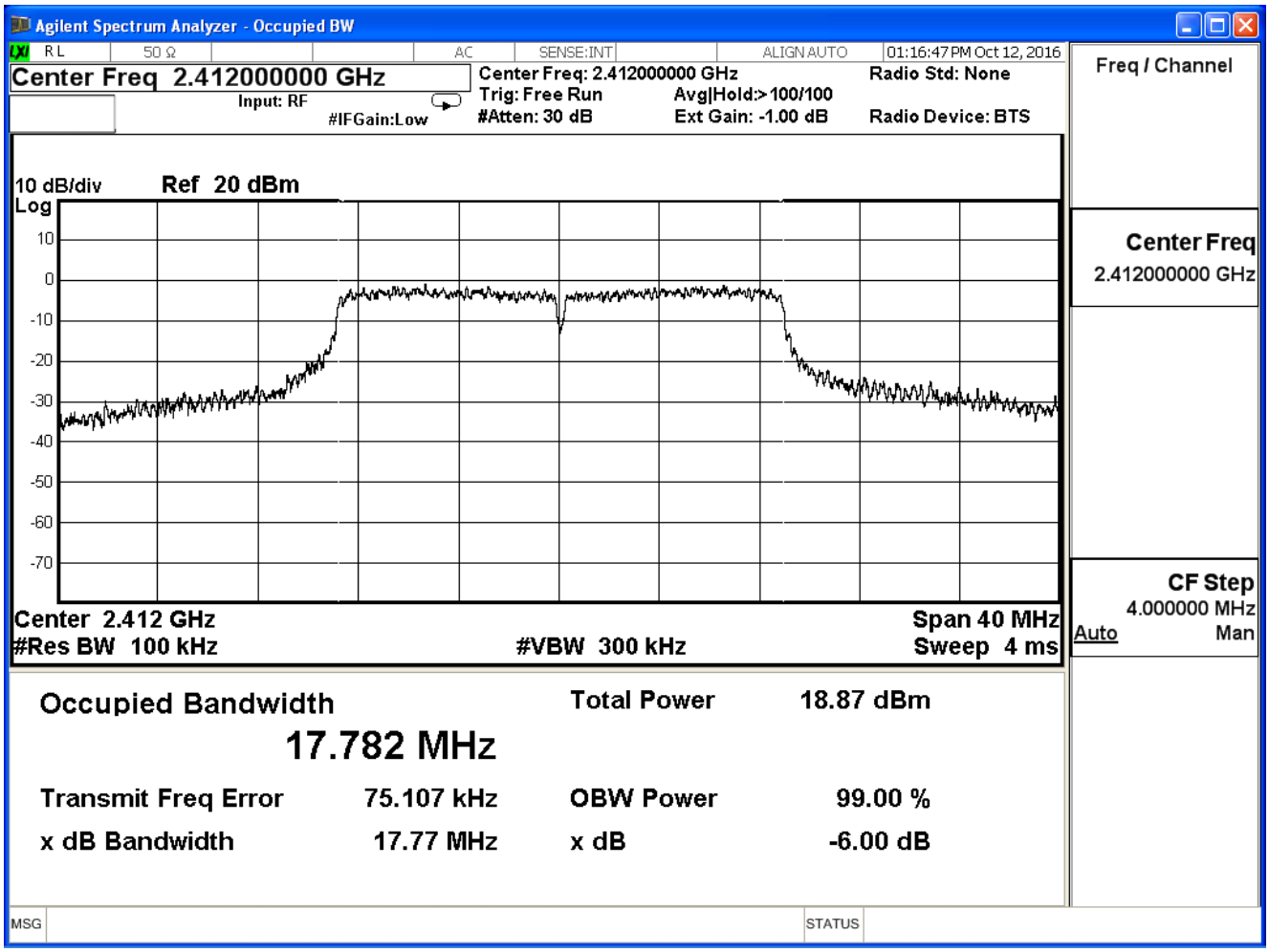

Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:19:20 PM Oct 12, 2016
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 4 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.010 MHz
Total Power
21.27 dBm
Transmit Freq Error
72.290 kHz
OBW Power
99.00 %
x dB Bandwidth
16.54 MHz
x dB
-6.00 dB
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

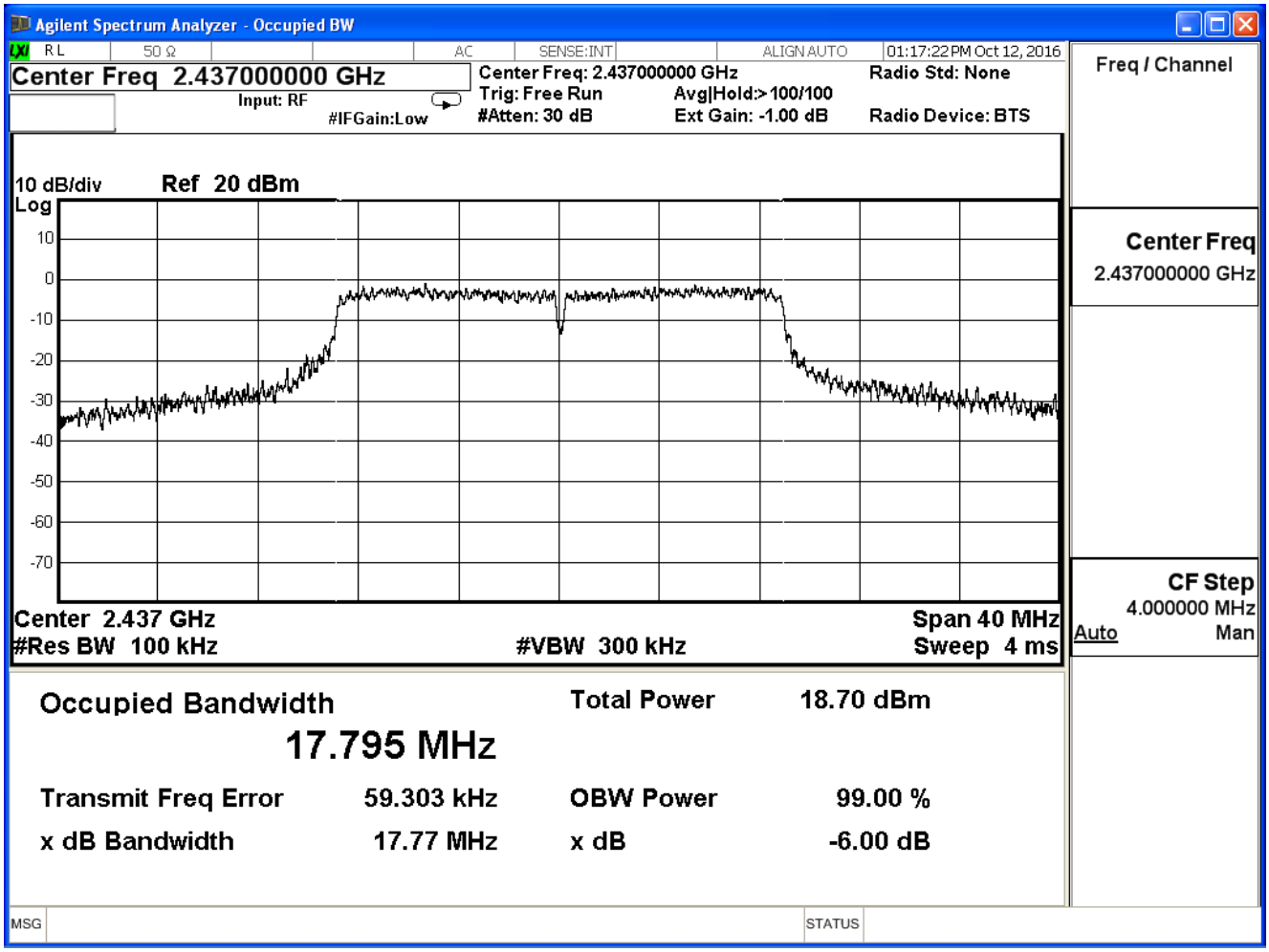
IEEE 802.11n_20M (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.77	≧0.5	Pass
6	2437	17.77	≧0.5	Pass
11	2462	17.72	≧0.5	Pass

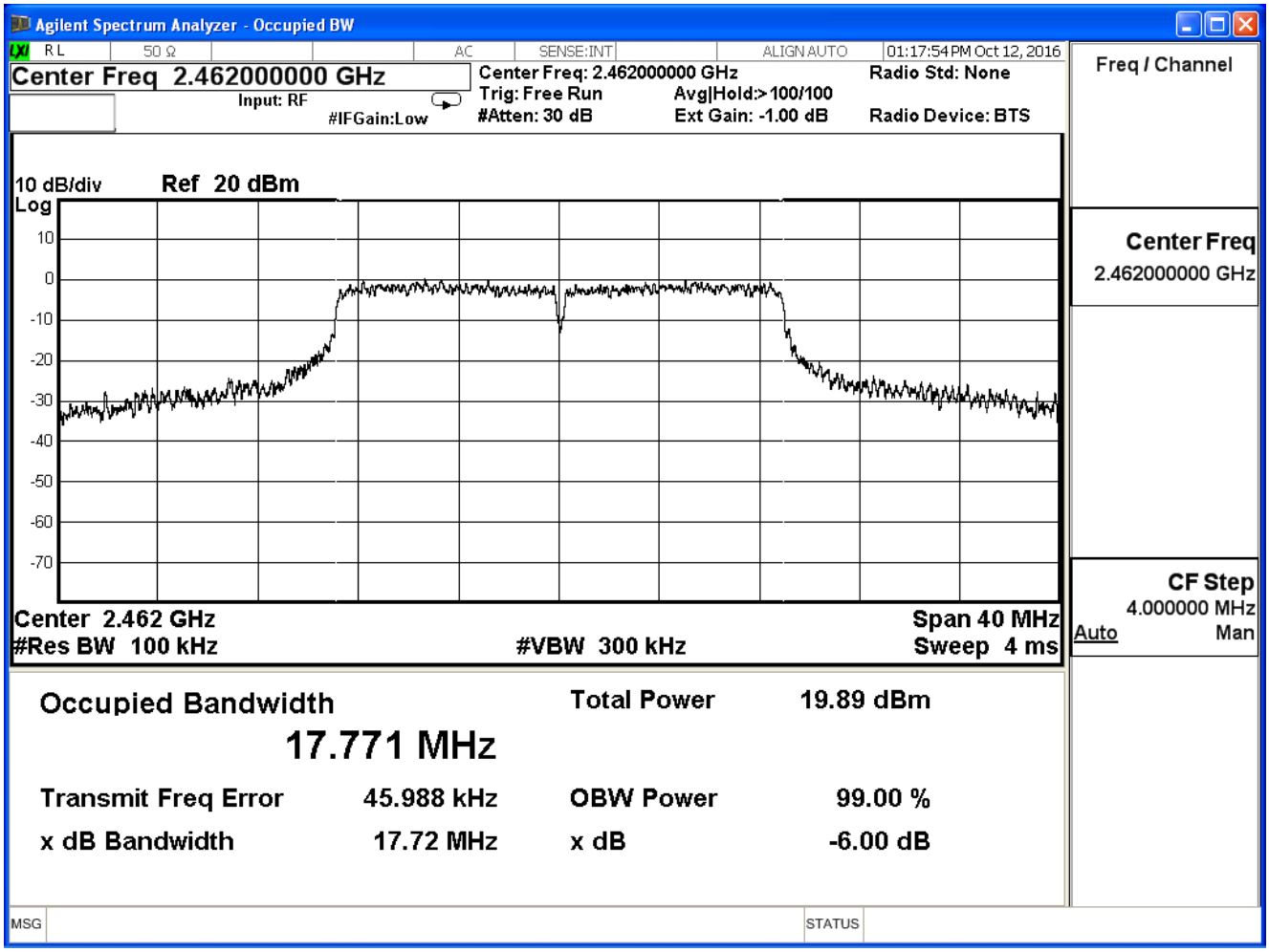
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:17:22 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 4 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.795 MHz
Total Power
18.70 dBm
Transmit Freq Error
59.303 kHz
OBW Power
99.00 %
x dB Bandwidth
17.77 MHz
x dB
-6.00 dB
MSG
STATUS

Channel 11

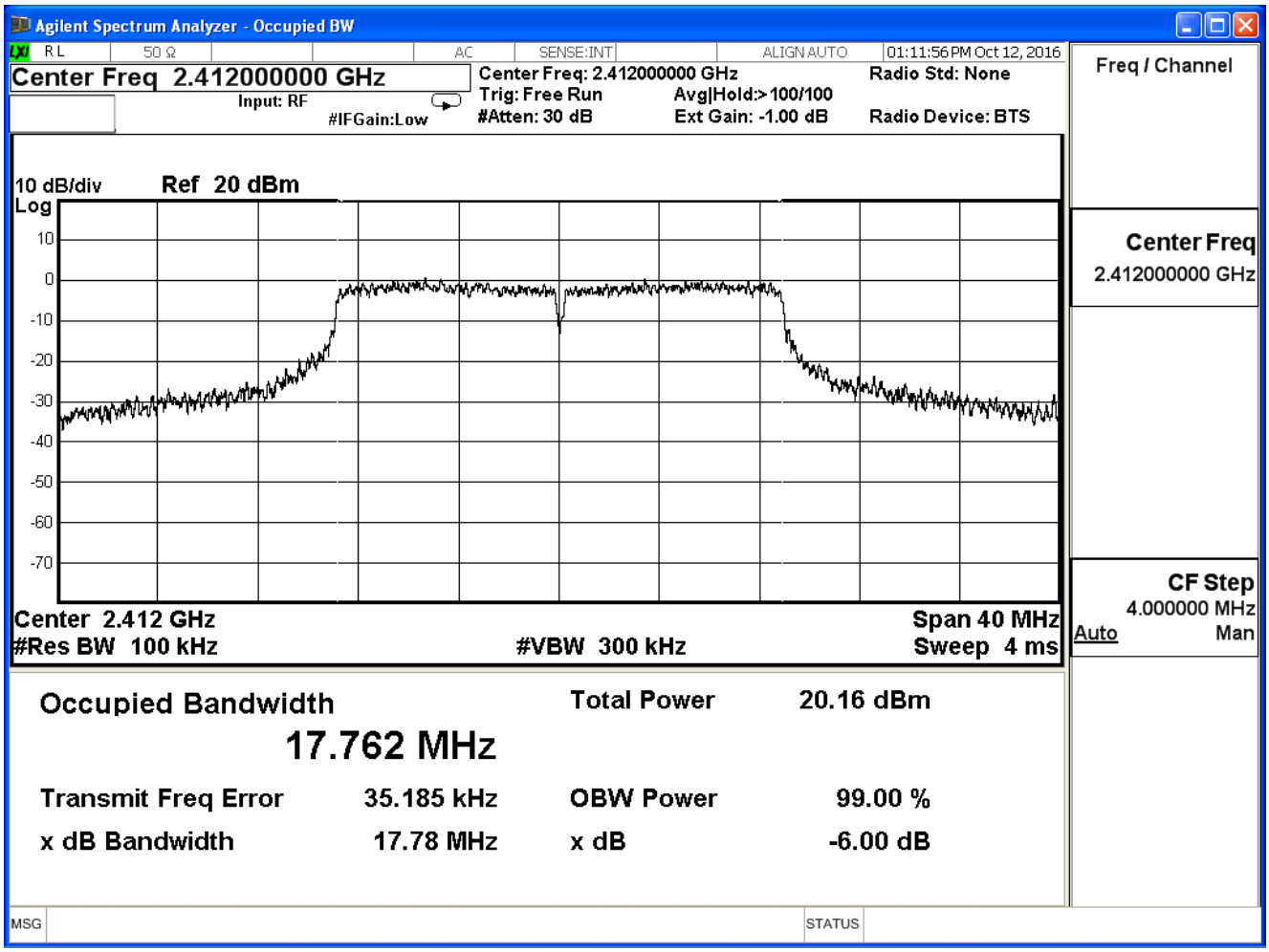

Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:17:54 PM Oct 12, 2016
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 4 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.771 MHz
Total Power
19.89 dBm
Transmit Freq Error
45.988 kHz
OBW Power
99.00 %
x dB Bandwidth
17.72 MHz
x dB
-6.00 dB
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

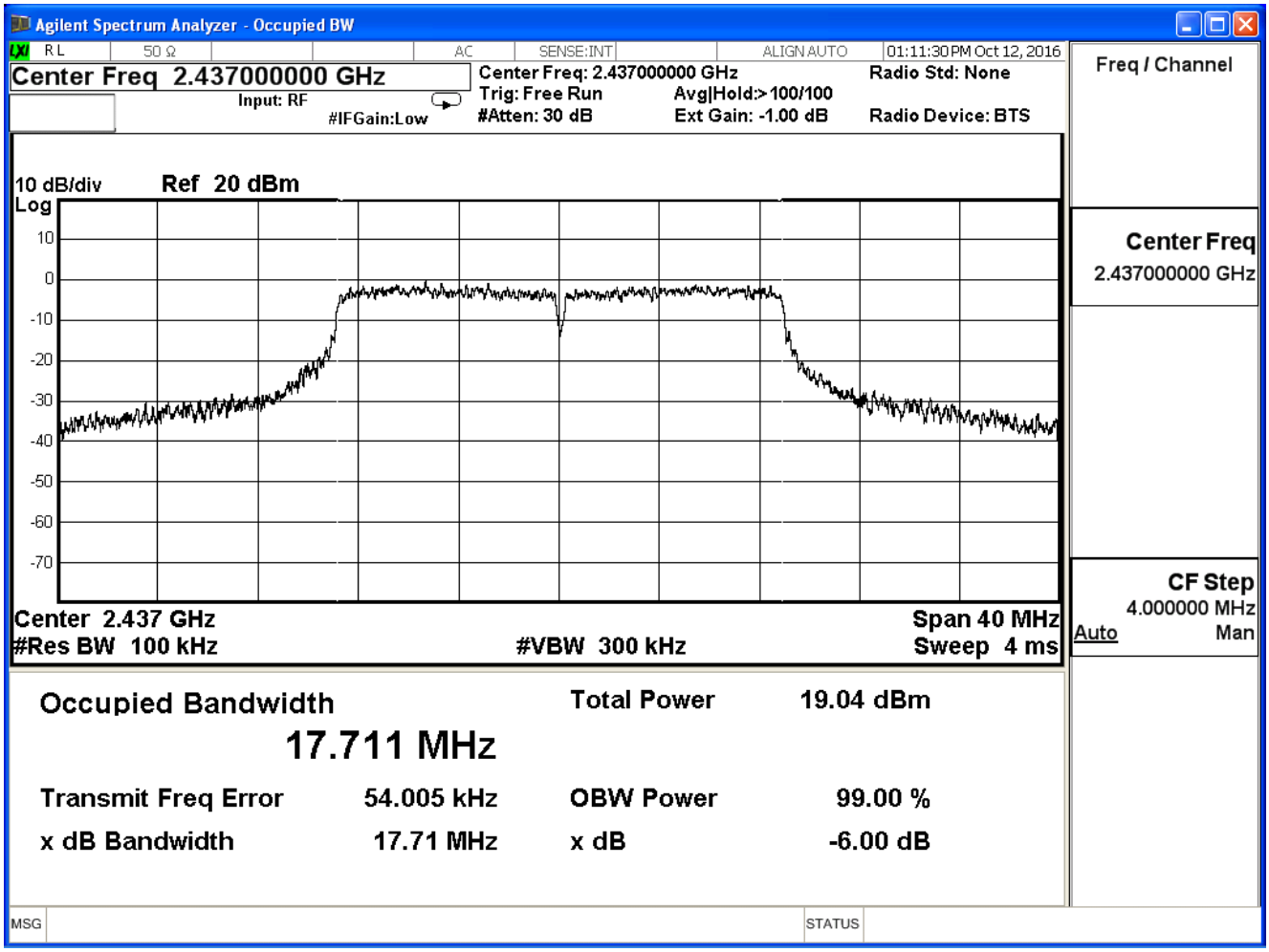
IEEE 802.11n_20M (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.78	≧0.5	Pass
6	2437	17.71	≧0.5	Pass
11	2462	17.70	≧0.5	Pass

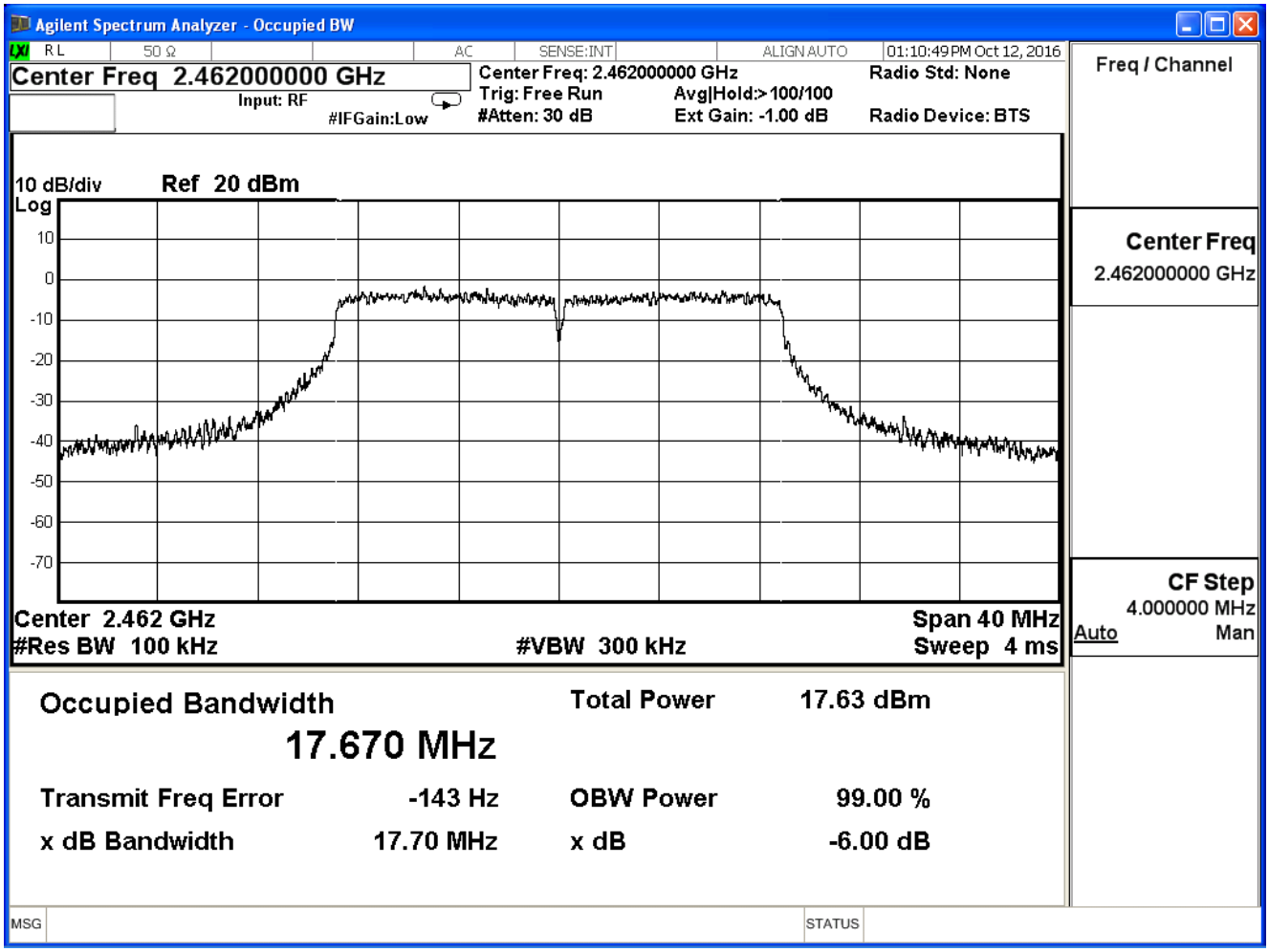
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:11:30 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 4 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.711 MHz
Total Power
19.04 dBm
Transmit Freq Error
54.005 kHz
OBW Power
99.00 %
x dB Bandwidth
17.71 MHz
x dB
-6.00 dB
MSG
STATUS

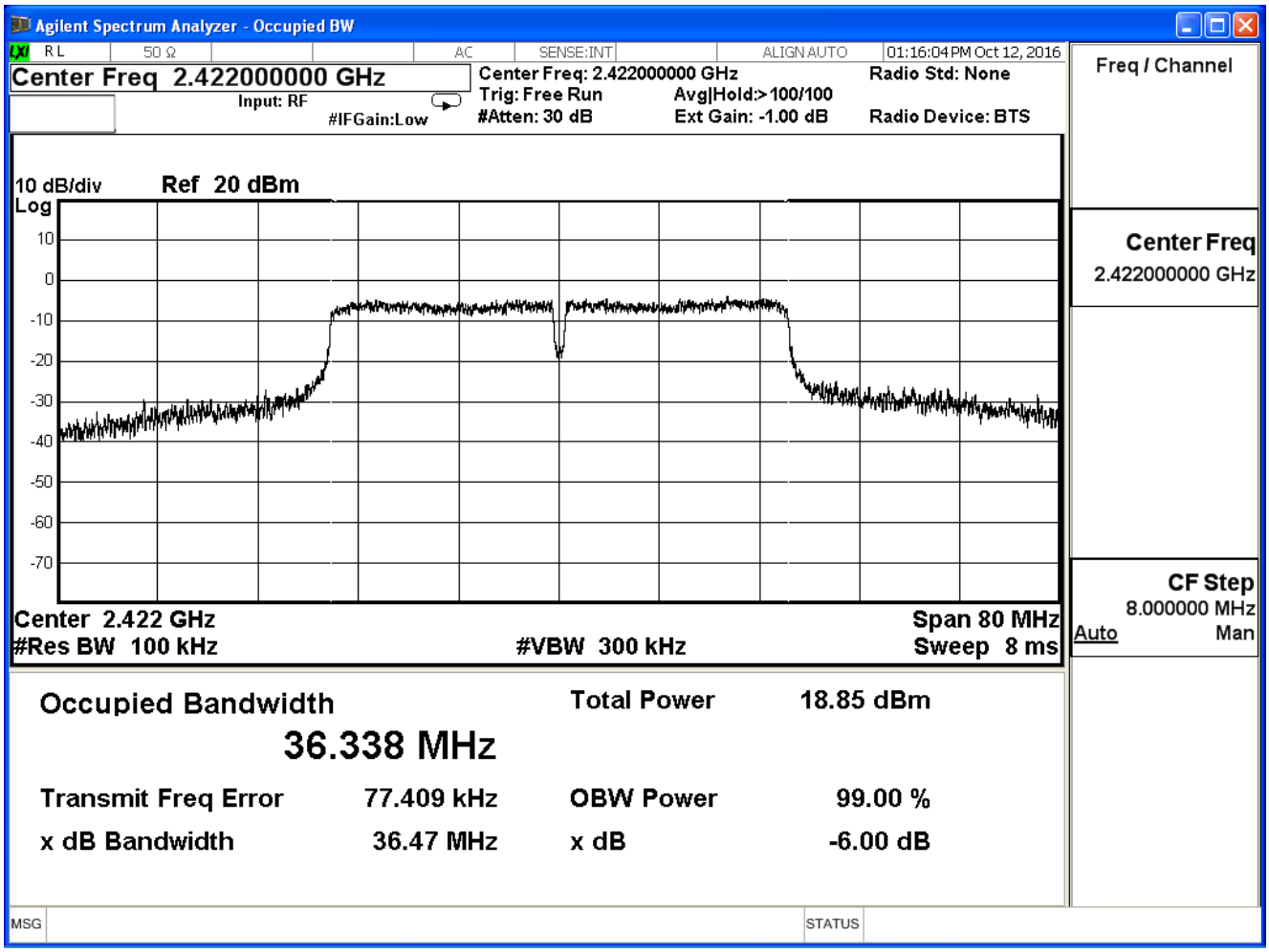
Channel 11


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:10:49 PM Oct 12, 2016
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 4 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.670 MHz
Total Power 17.63 dBm
Transmit Freq Error -143 Hz
OBW Power 99.00 %
x dB Bandwidth 17.70 MHz
x dB -6.00 dB
MSG
STATUS

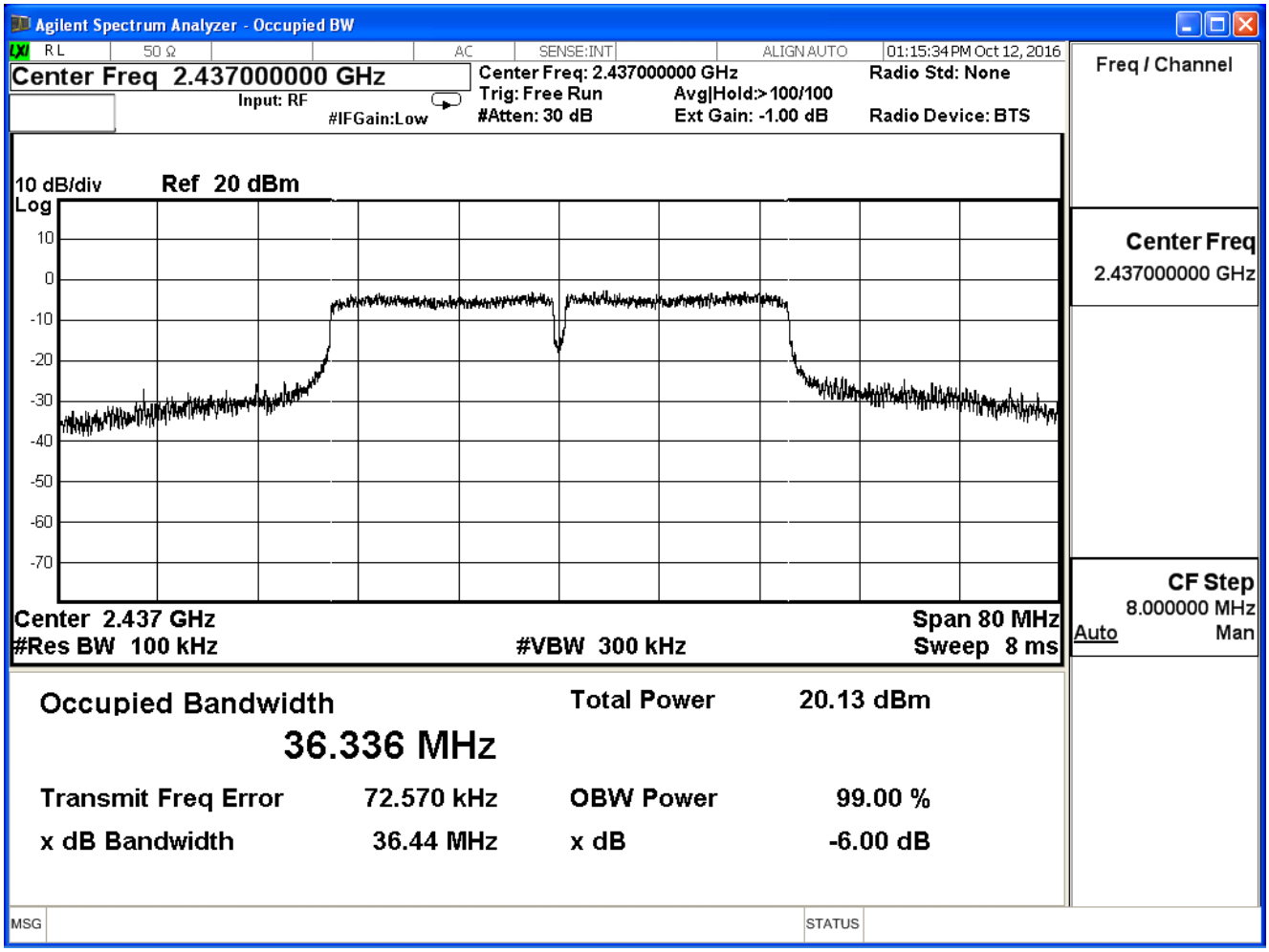
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11n_40M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	36.47	≧0.5	Pass
6	2437	36.44	≧0.5	Pass
9	2452	36.42	≧0.5	Pass

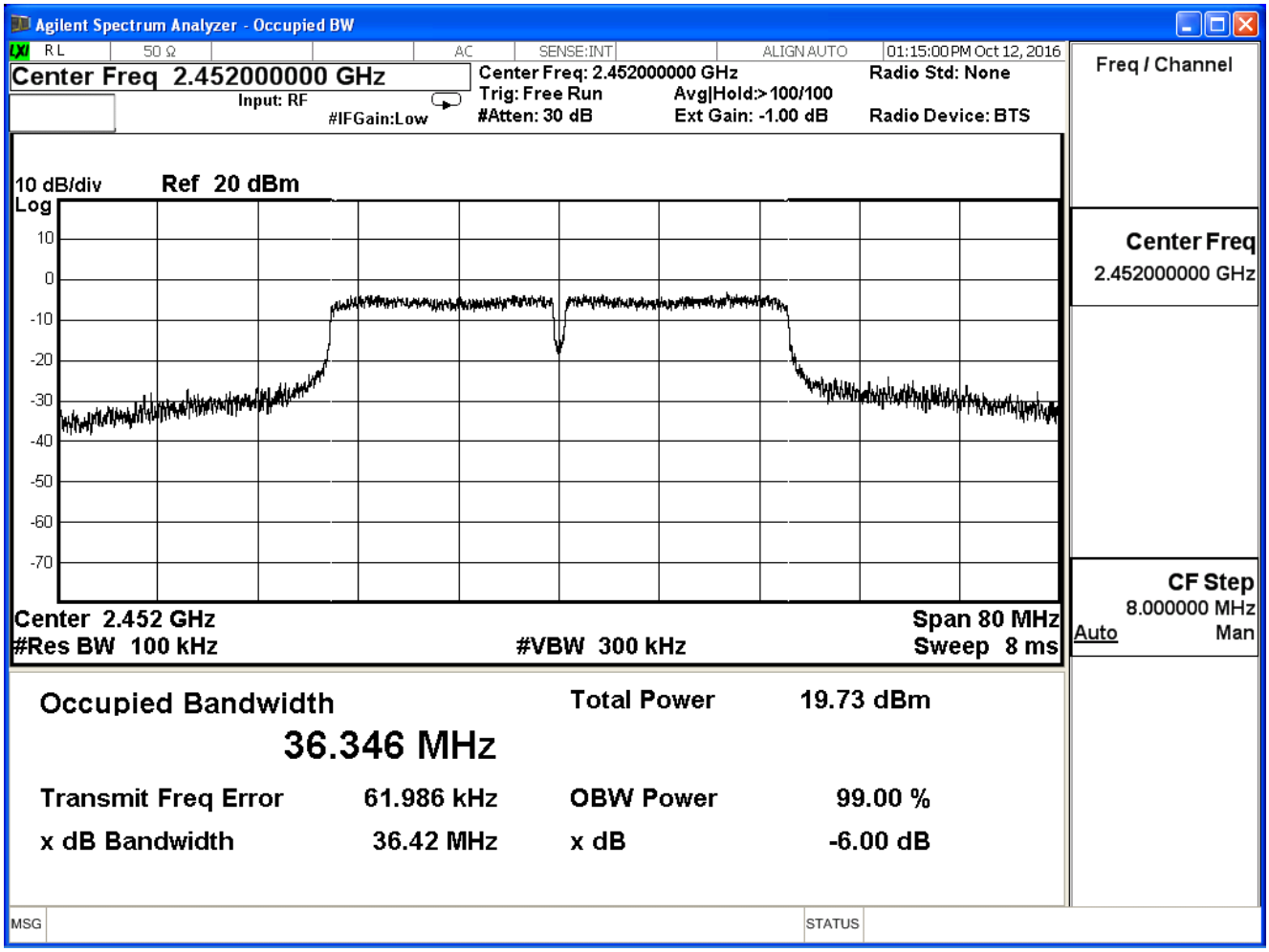
Channel 3



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:15:34 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 80 MHz
Sweep 8 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.336 MHz
Total Power
20.13 dBm
Transmit Freq Error
72.570 kHz
OBW Power
99.00 %
x dB Bandwidth
36.44 MHz
x dB
-6.00 dB
MSG
STATUS

Channel 9

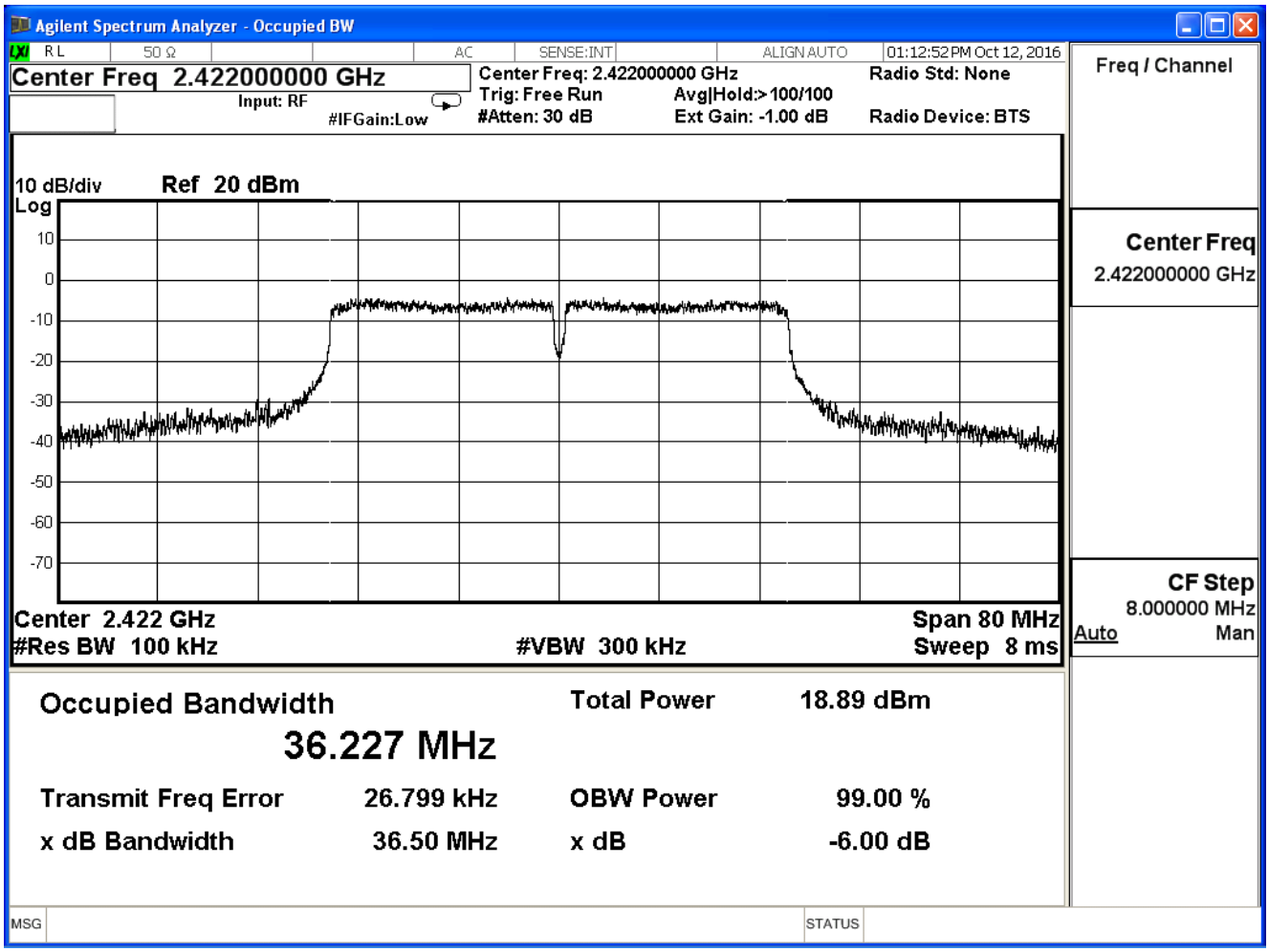

Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:15:00 PM Oct 12, 2016
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 80 MHz
Sweep 8 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.346 MHz
Total Power
19.73 dBm
Transmit Freq Error
61.986 kHz
OBW Power
99.00 %
x dB Bandwidth
36.42 MHz
x dB
-6.00 dB
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

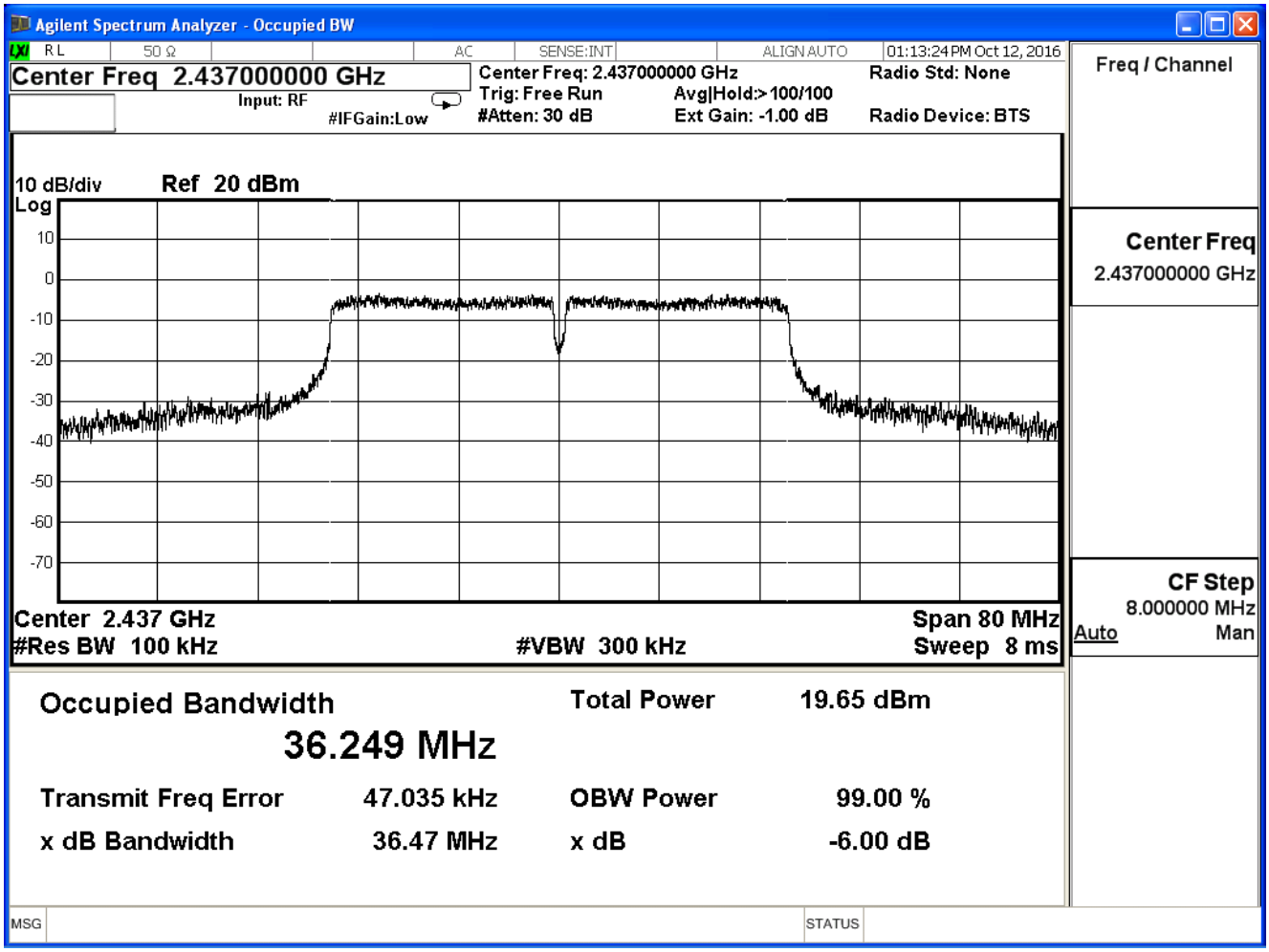
IEEE 802.11n_40M (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	36.50	≧0.5	Pass
6	2437	36.47	≧0.5	Pass
9	2452	36.47	≧0.5	Pass

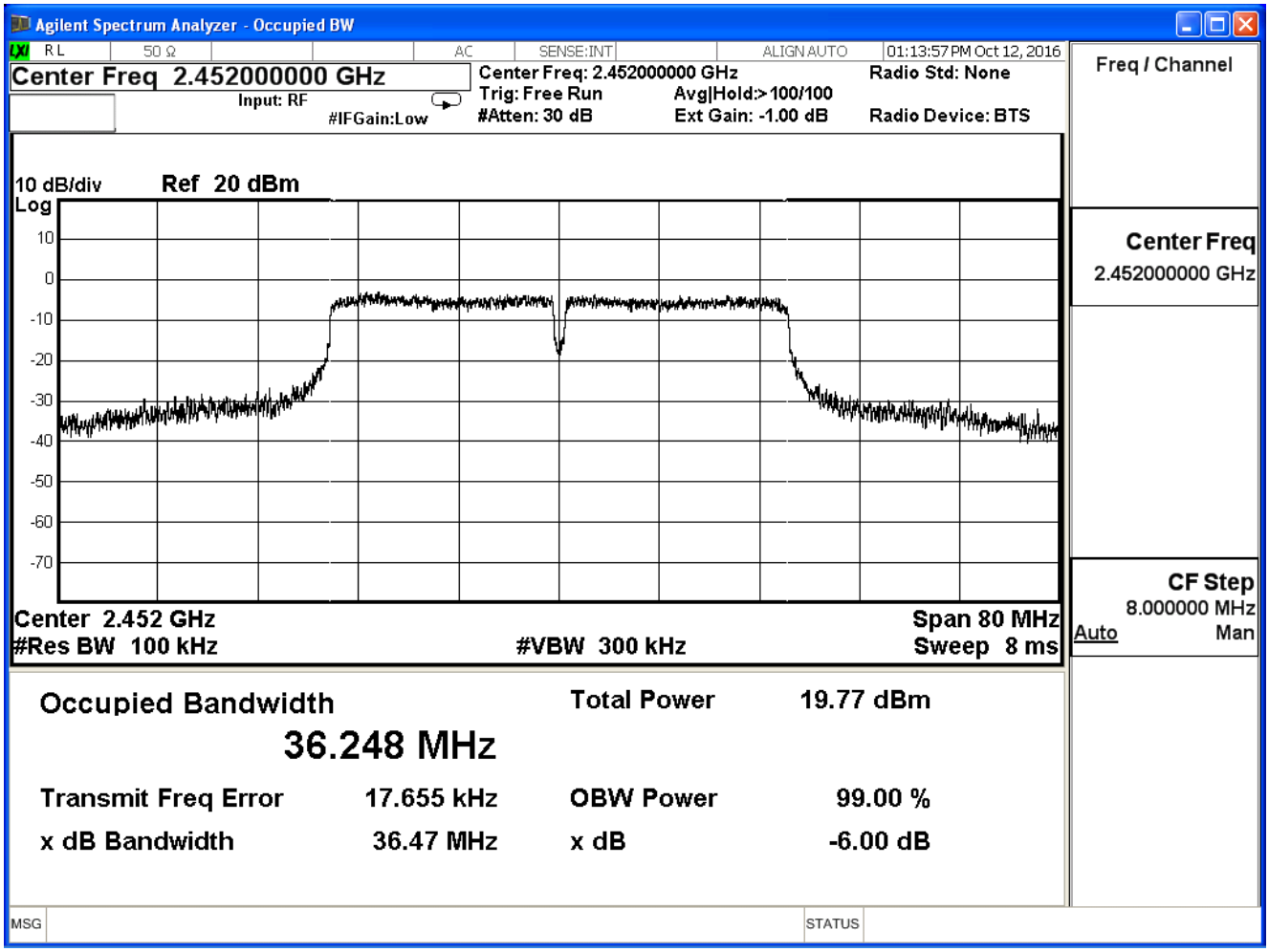
Channel 3



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:13:24 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 80 MHz
Sweep 8 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.249 MHz
Total Power
19.65 dBm
Transmit Freq Error
47.035 kHz
OBW Power
99.00 %
x dB Bandwidth
36.47 MHz
x dB
-6.00 dB
MSG
STATUS

Channel 9


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
01:13:57 PM Oct 12, 2016
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 80 MHz
Sweep 8 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.248 MHz
Total Power 19.77 dBm
Transmit Freq Error 17.655 kHz
OBW Power 99.00 %
x dB Bandwidth 36.47 MHz
x dB -6.00 dB
MSG
STATUS

8. Occupied Bandwidth

8.1. Test Equipment

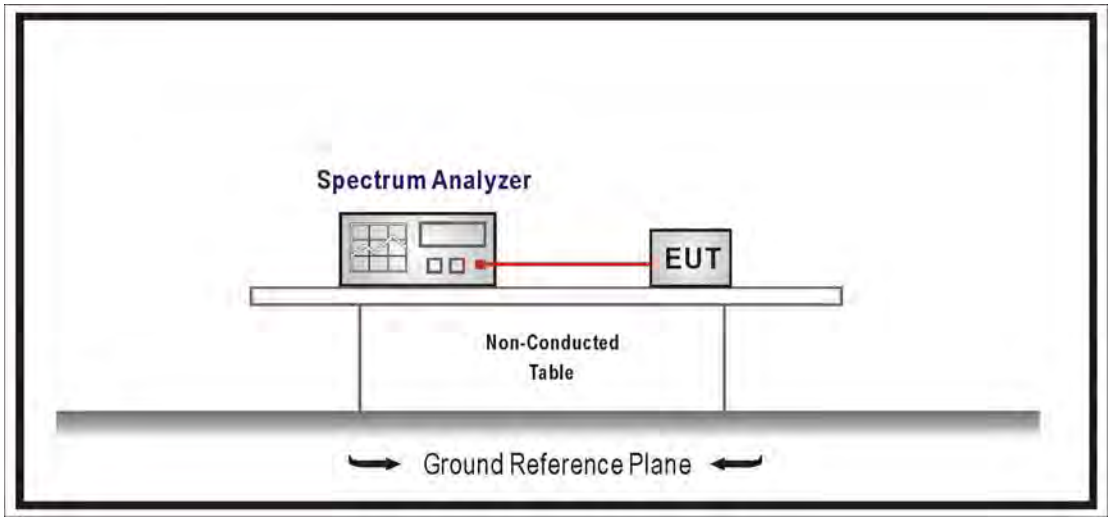
The following test equipments are used during the test:

Occupied Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08
Signal & Spectrum Analyzer	R&S	FSV40	101049	2017/01/05
Signal Analyzer	R&S	FSV7	101650	2017/11/15

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

8.2. Test Setup



8.3. Test Procedures

The EUT was setup according to ANSI C63.10:2013; tested according to DTS test procedure of KDB558074 v03r05for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 1-5% of the OBW, Set the VBW≧3xRBW, Sweep Time=Auto.

8.4. Limits

NA

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

8.6. Uncertainty

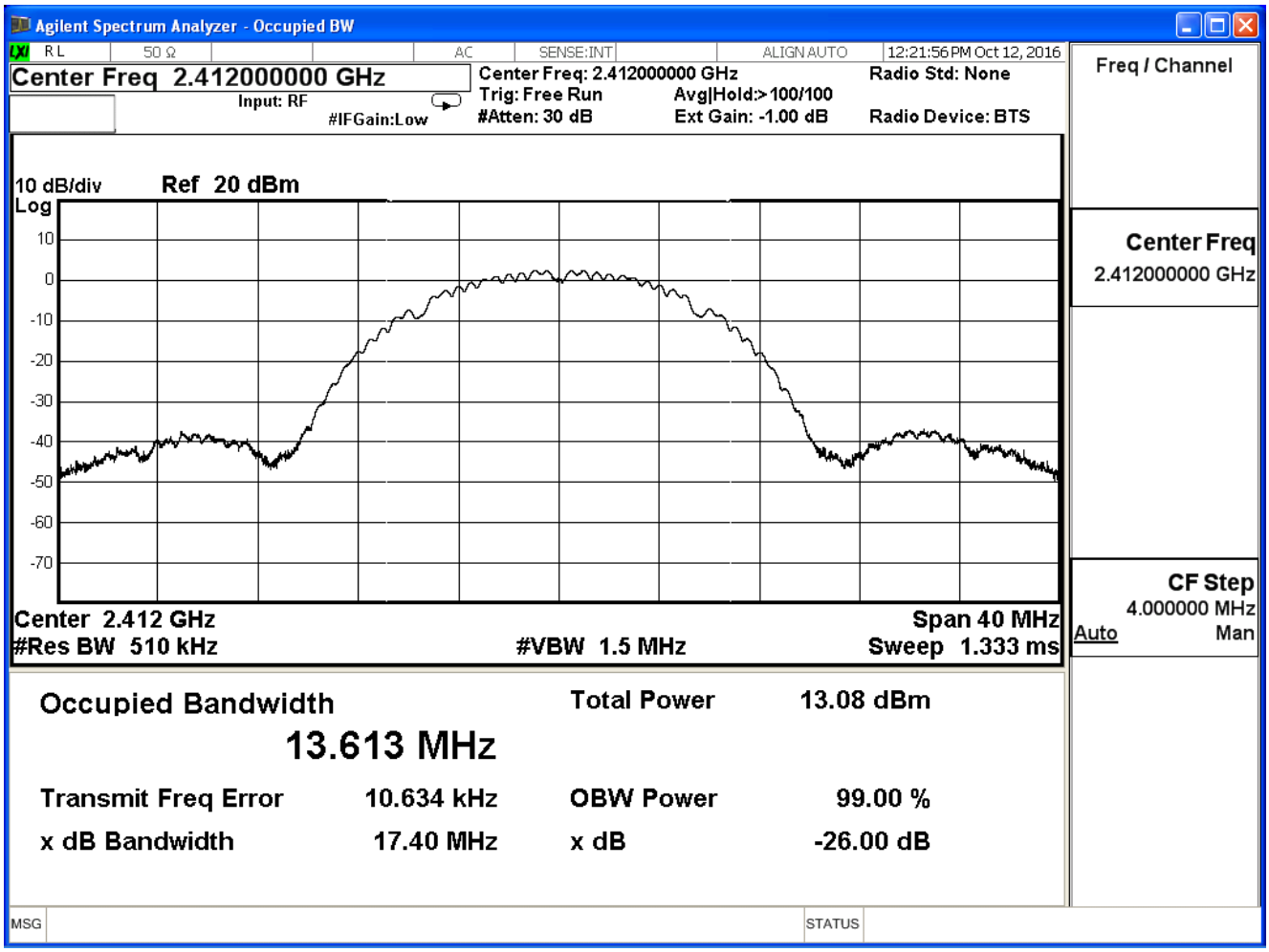
The measurement uncertainty is defined as ±150Hz

8.7. Test Result

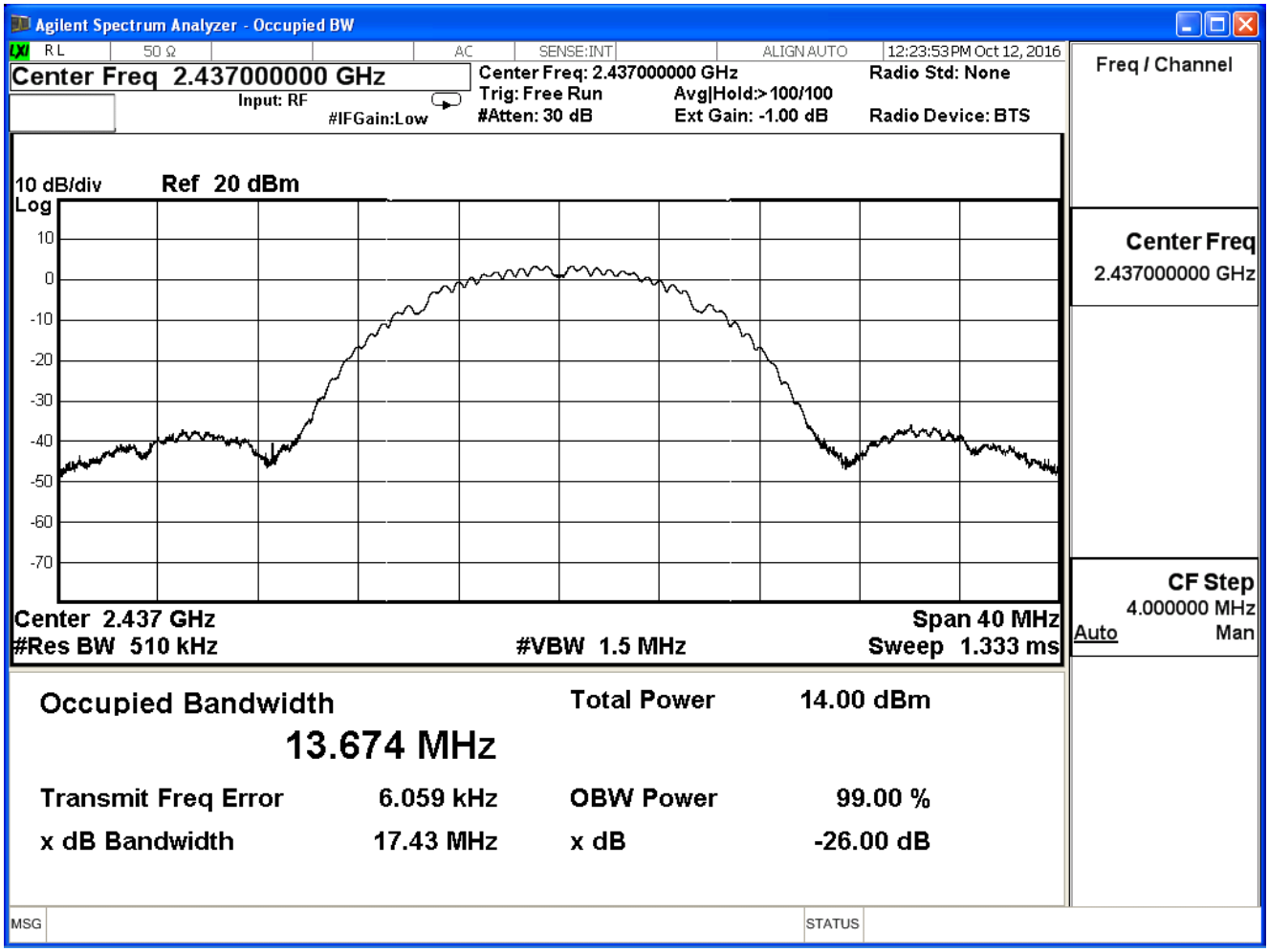
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/12	Test Site	SR7

802.11 b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	13.613	--	Pass
6	2437	13.674	--	Pass
11	2462	13.788	--	Pass

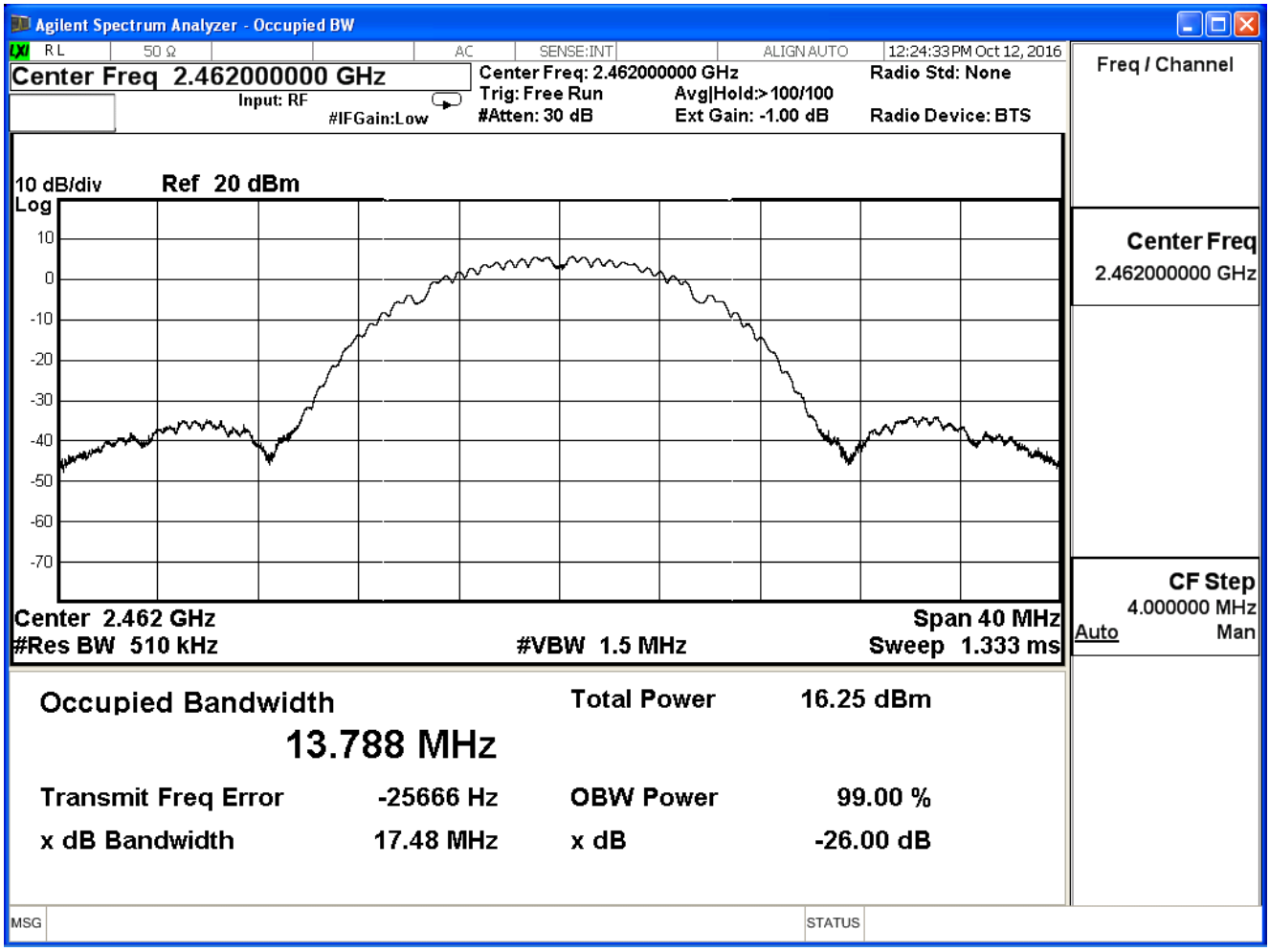
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:23:53 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
13.674 MHz
Total Power
14.00 dBm
Transmit Freq Error
6.059 kHz
OBW Power
99.00 %
x dB Bandwidth
17.43 MHz
x dB
-26.00 dB
MSG
STATUS

Channel 11

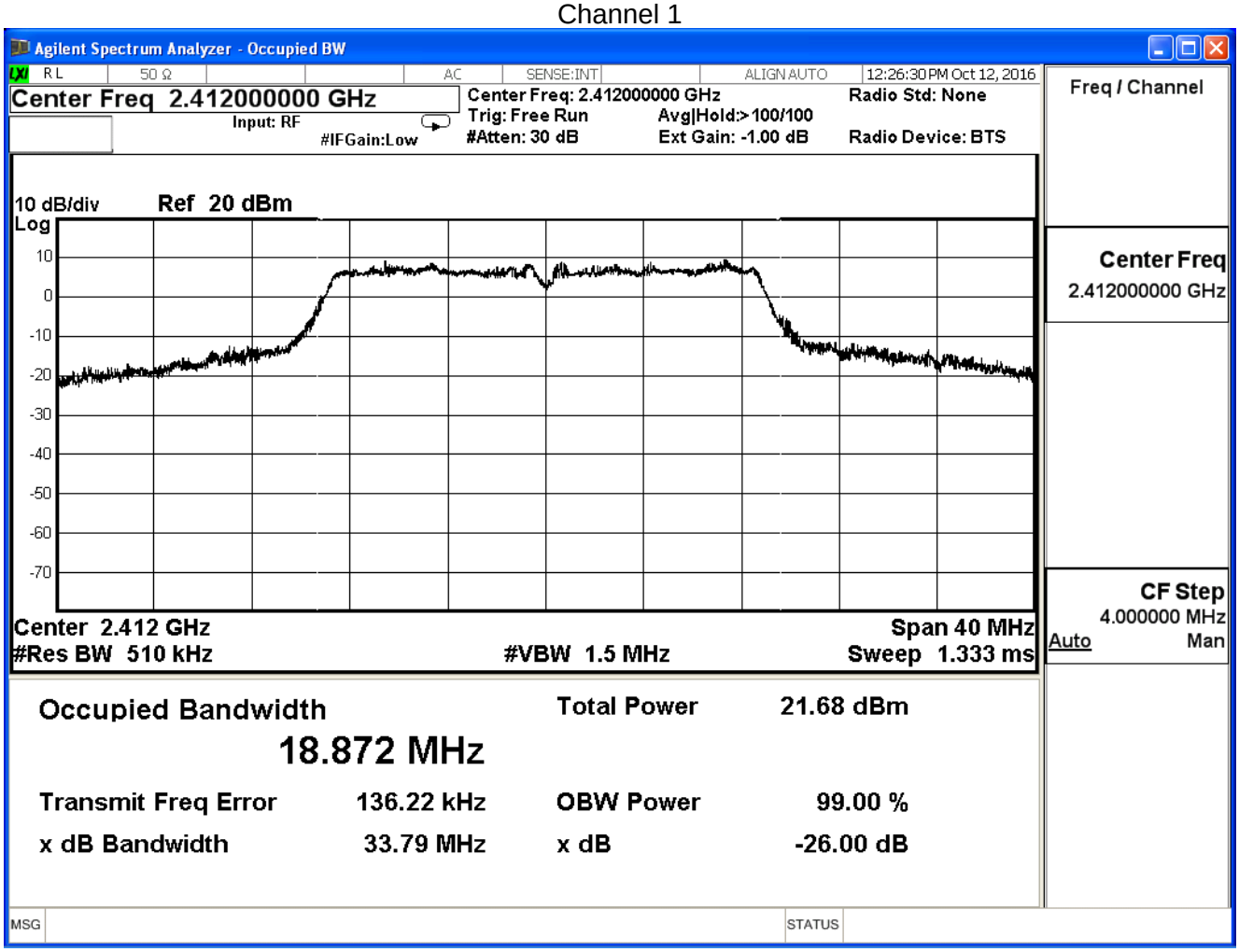

Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:24:33 PM Oct 12, 2016
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
13.788 MHz
Total Power
16.25 dBm
Transmit Freq Error
-25666 Hz
OBW Power
99.00 %
x dB Bandwidth
17.48 MHz
x dB
-26.00 dB
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/12	Test Site	SR7

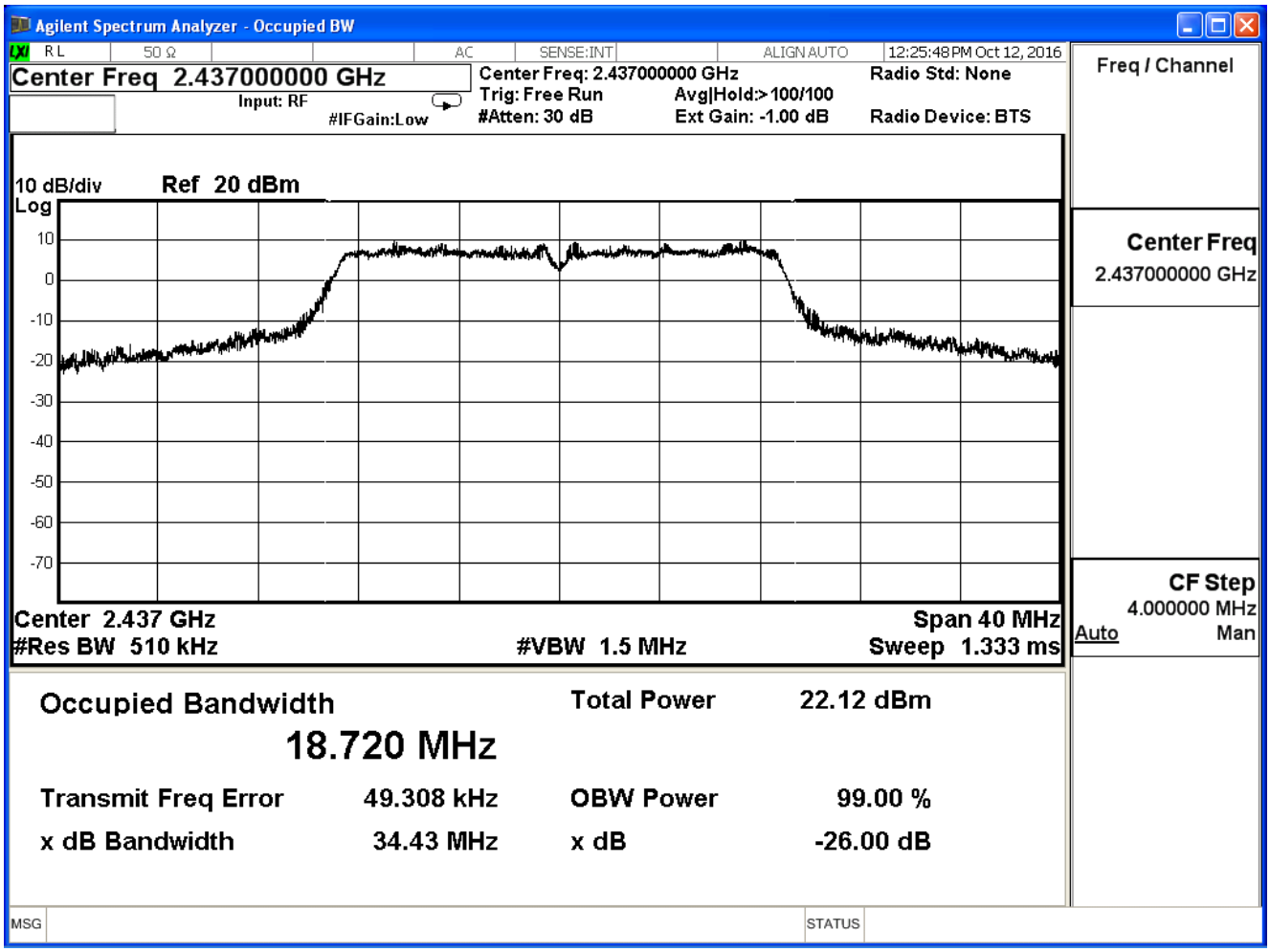
802.11 g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	18.872	--	Pass
6	2437	18.720	--	Pass
11	2462	18.535	--	Pass

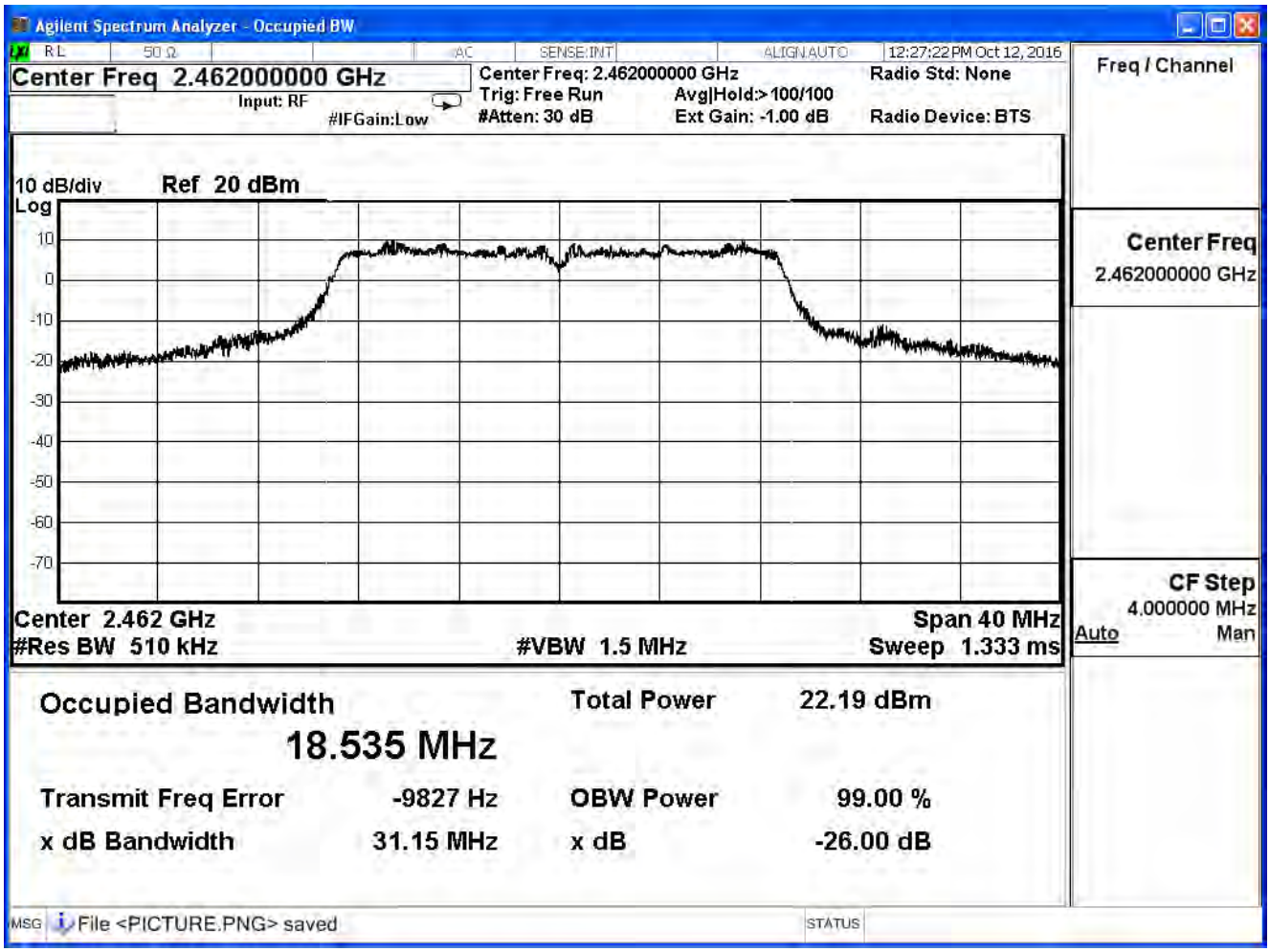
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:25:48 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.720 MHz
Total Power
22.12 dBm
Transmit Freq Error
49.308 kHz
OBW Power
99.00 %
x dB Bandwidth
34.43 MHz
x dB
-26.00 dB
MSG
STATUS

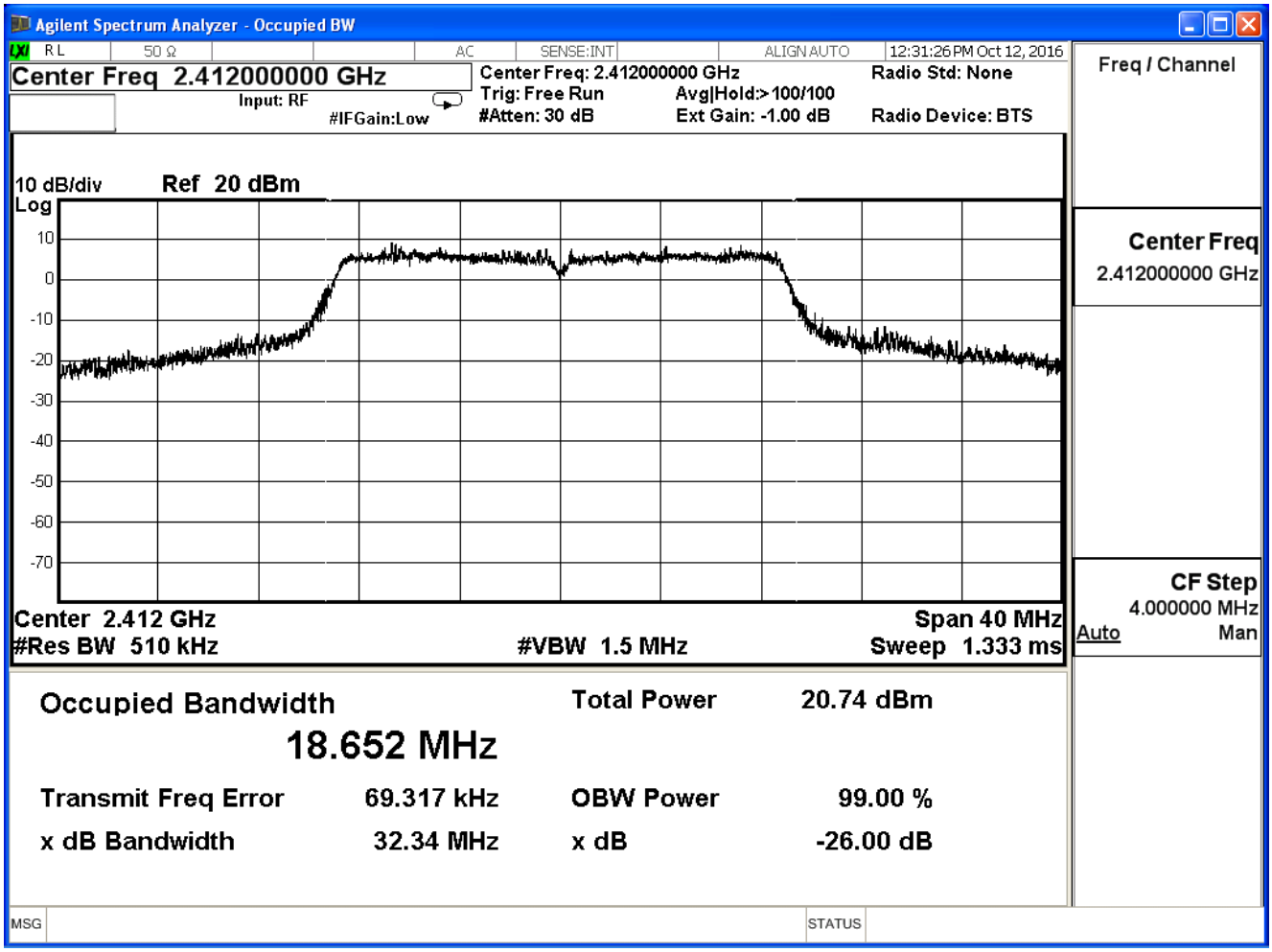
Channel 11


Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
12:27:22 PM Oct 12, 2016
Freq / Channel
10 dB/div
Log
Ref 20 dBm
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.535 MHz
Total Power 22.19 dBm
Transmit Freq Error -9827 Hz
OBW Power 99.00 %
x dB Bandwidth 31.15 MHz
x dB -26.00 dB
File <PICTURE.PNG> saved

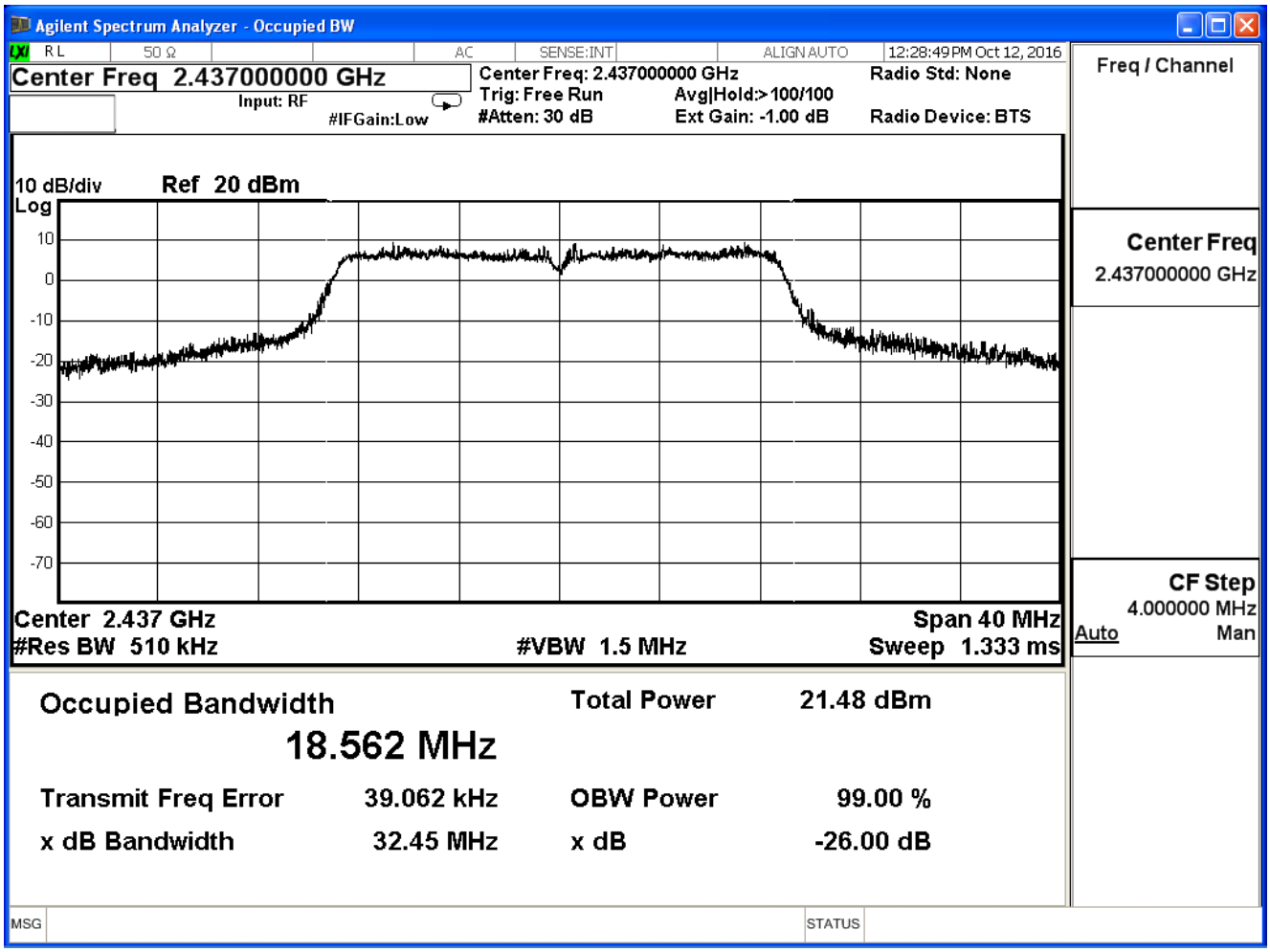
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 20MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	18.652	--	Pass
6	2437	18.562	--	Pass
11	2462	18.572	--	Pass

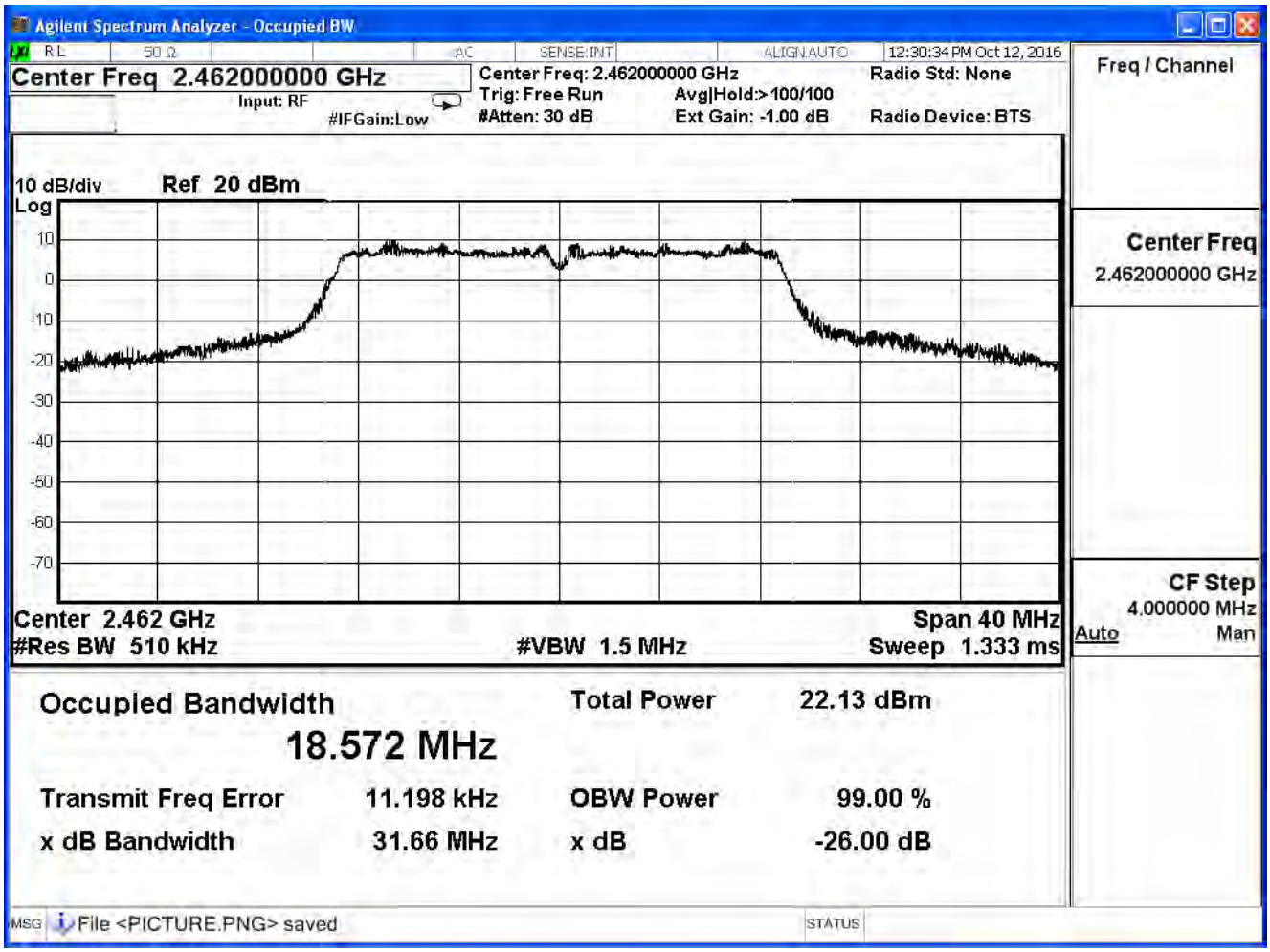
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:28:49 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.562 MHz
Total Power
21.48 dBm
Transmit Freq Error
39.062 kHz
OBW Power
99.00 %
x dB Bandwidth
32.45 MHz
x dB
-26.00 dB
MSG
STATUS

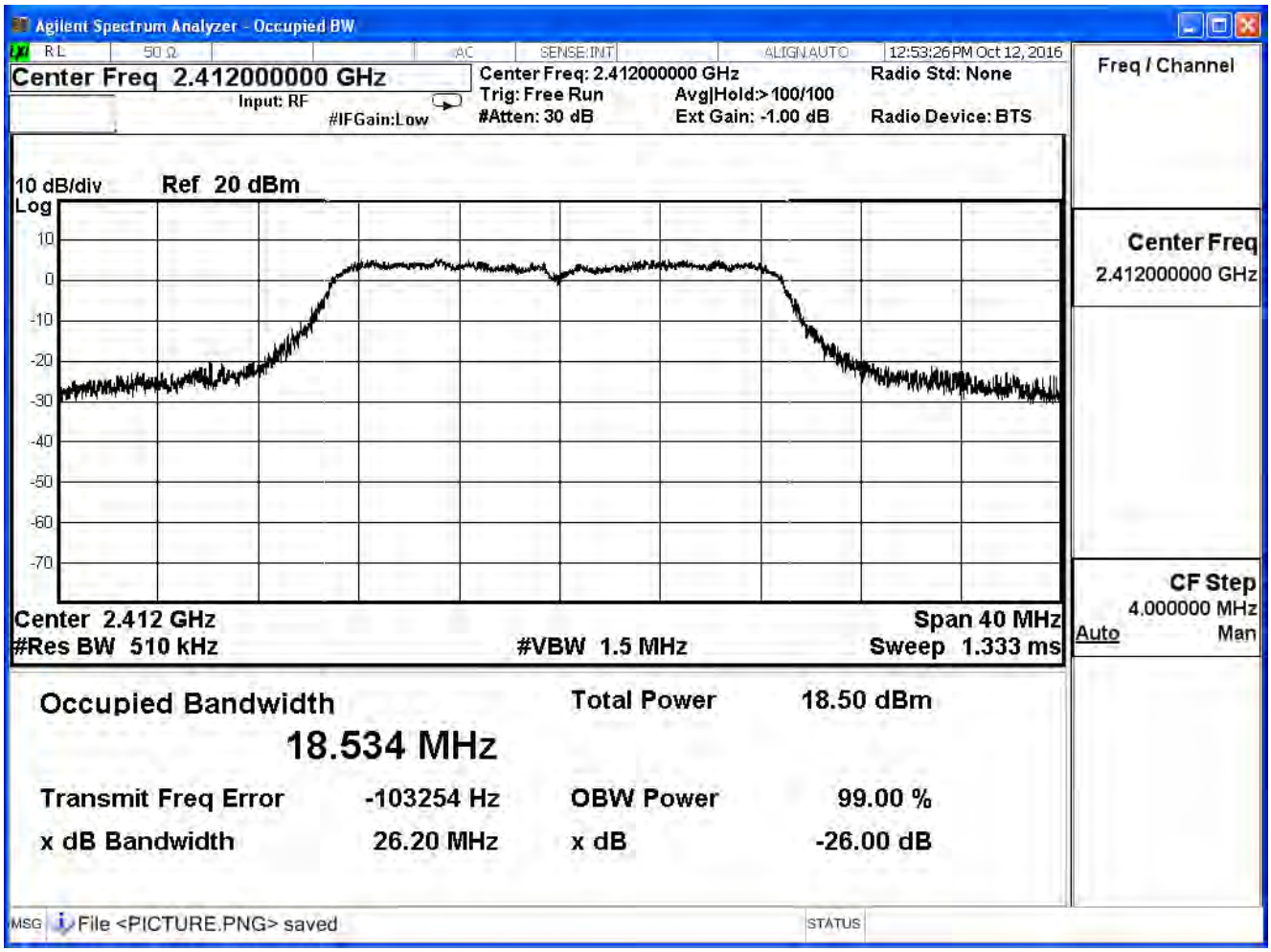
Channel 11


Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
12:30:34 PM Oct 12, 2016
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.572 MHz
Total Power
22.13 dBm
Transmit Freq Error
11.198 kHz
OBW Power
99.00 %
x dB Bandwidth
31.66 MHz
x dB
-26.00 dB
MSG
File <PICTURE.PNG> saved
STATUS

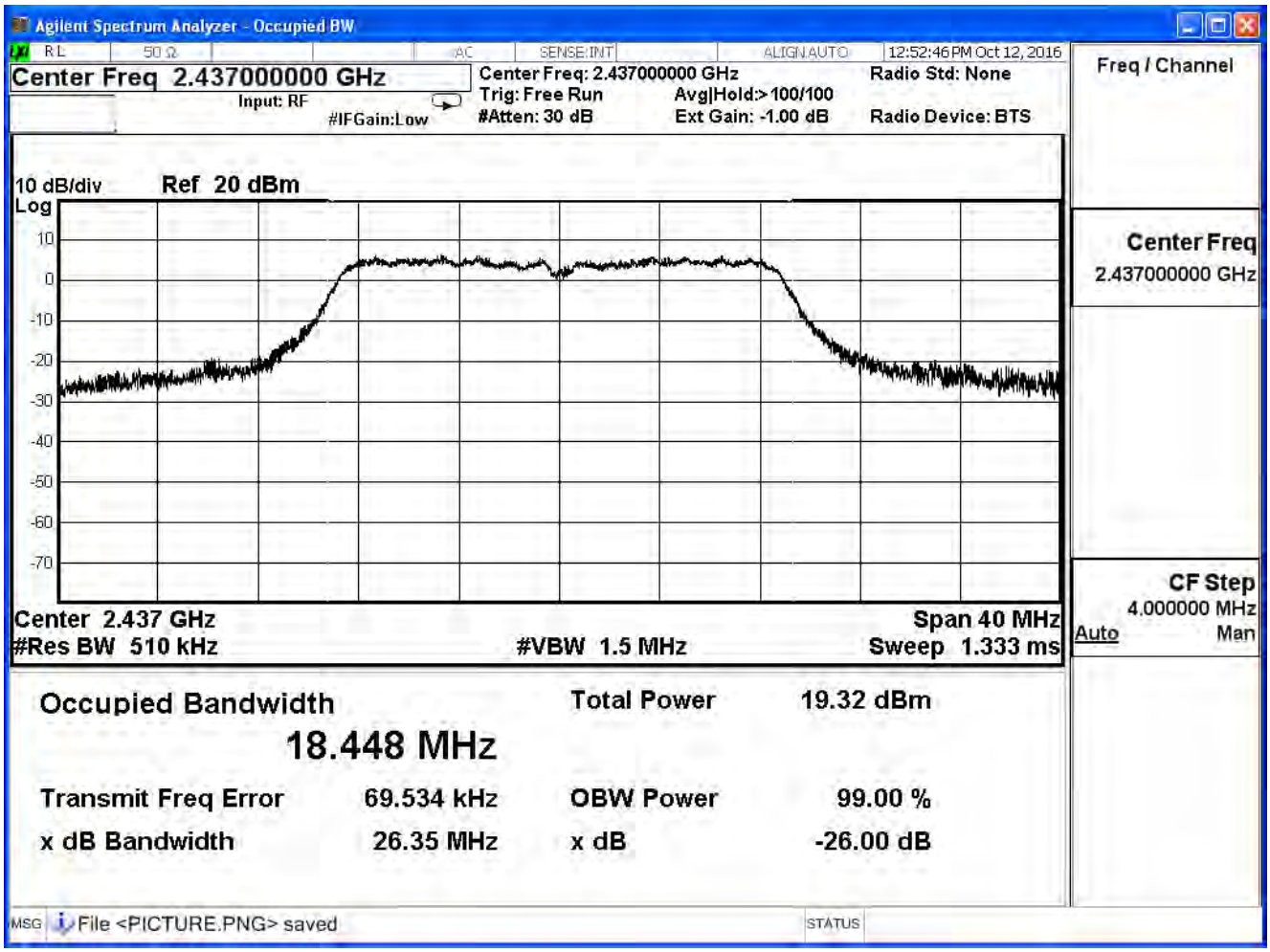
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 20MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	18.534	--	Pass
6	2437	18.448	--	Pass
11	2462	18.284	--	Pass

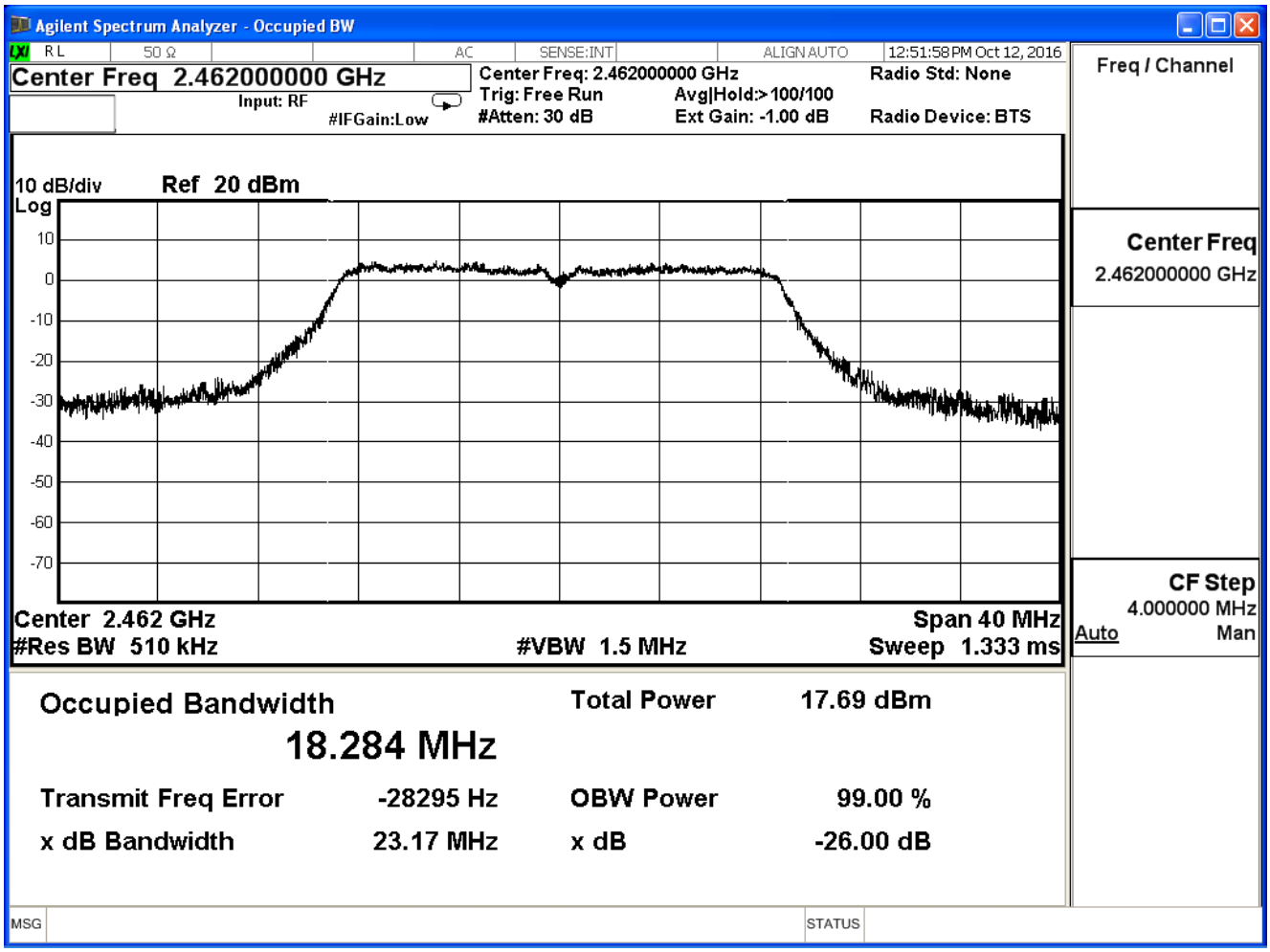
Channel 1



Channel 6


Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
12:52:46 PM Oct 12, 2016
Freq / Channel
10 dB/div
Log
Ref 20 dBm
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.448 MHz
Total Power
19.32 dBm
Transmit Freq Error
69.534 kHz
OBW Power
99.00 %
x dB Bandwidth
26.35 MHz
x dB
-26.00 dB
File <PICTURE.PNG> saved

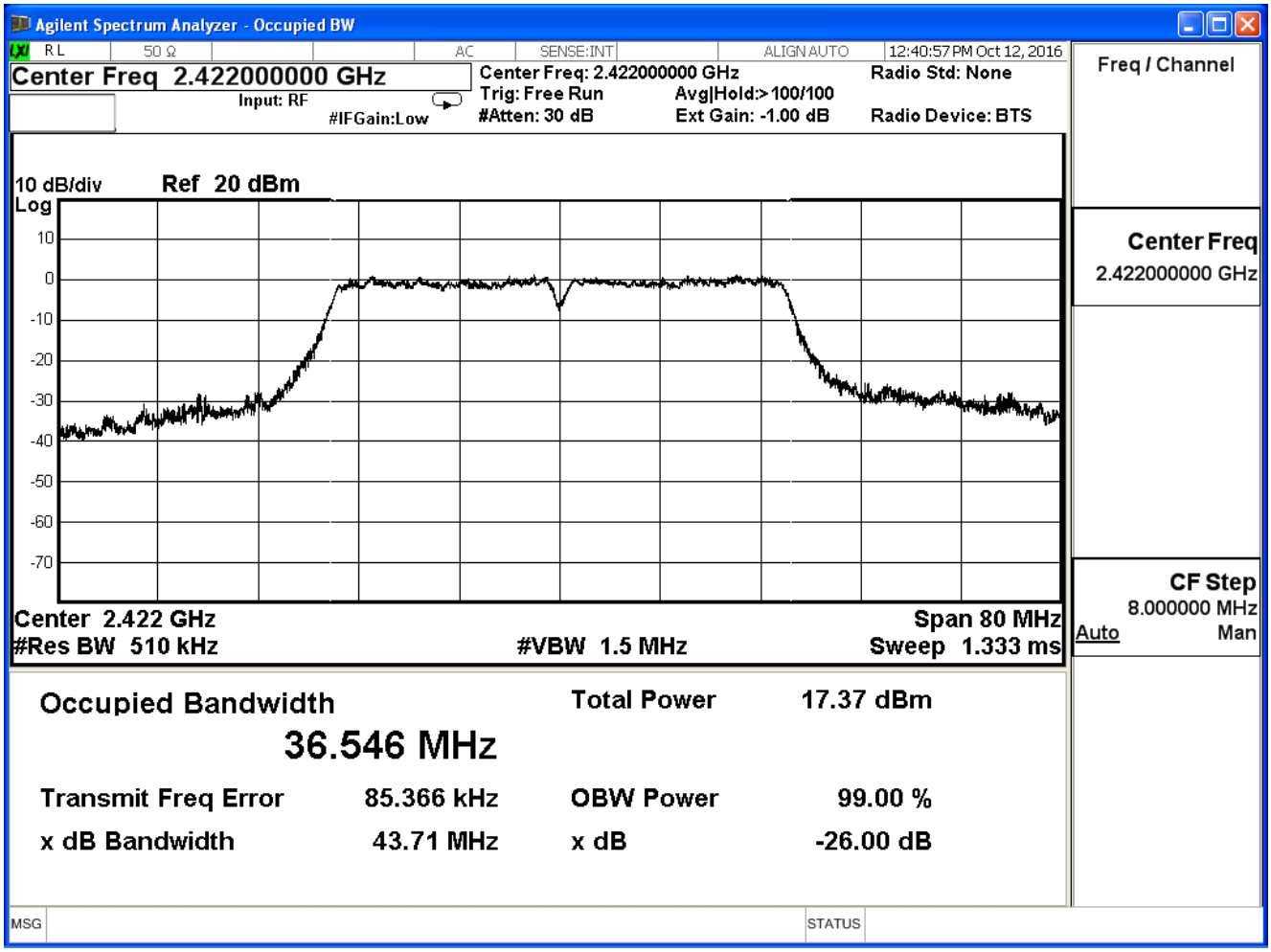
Channel 11


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:51:58 PM Oct 12, 2016
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 40 MHz
Sweep 1.333 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.284 MHz
Total Power
17.69 dBm
Transmit Freq Error
-28295 Hz
OBW Power
99.00 %
x dB Bandwidth
23.17 MHz
x dB
-26.00 dB
MSG
STATUS

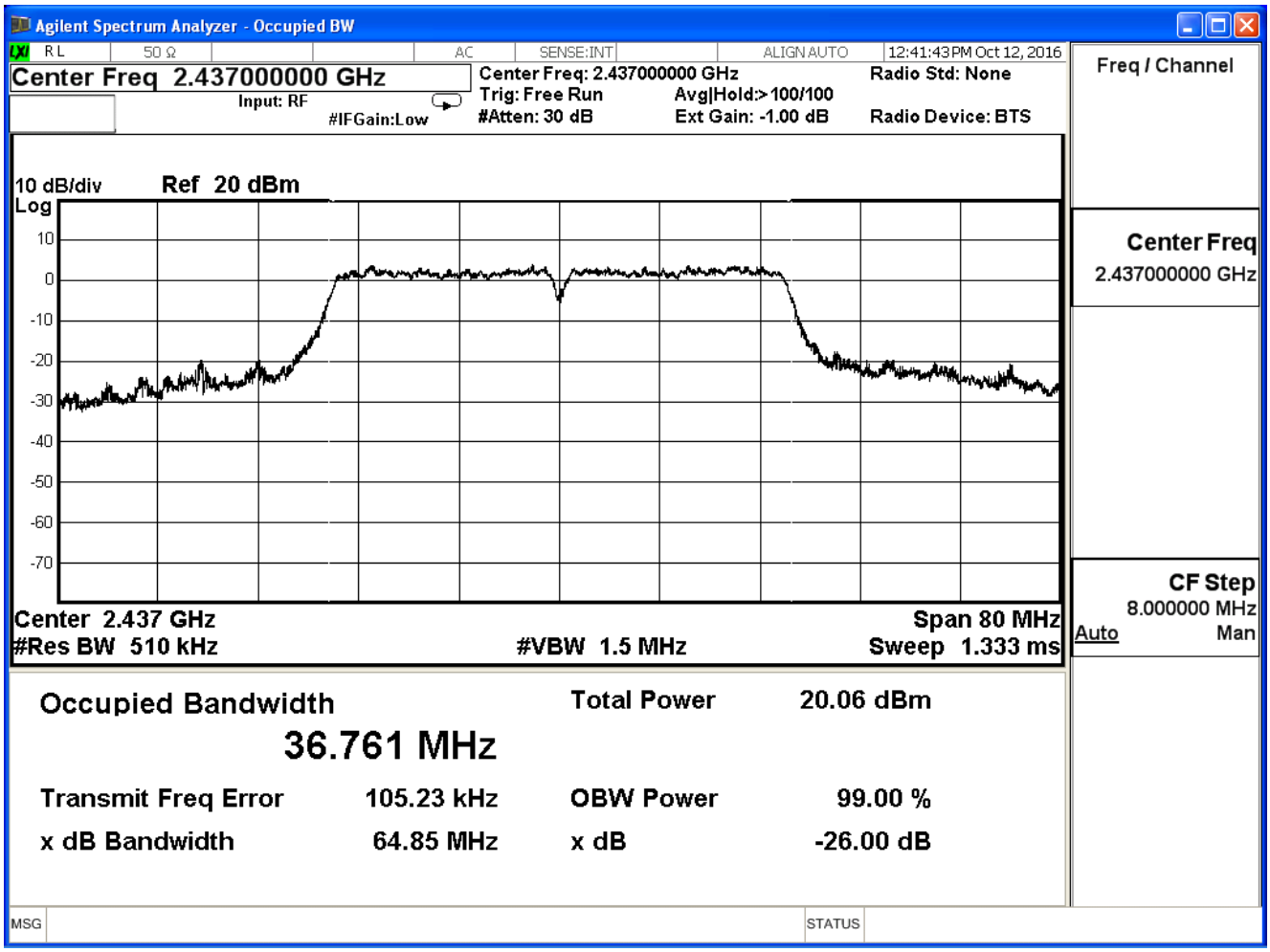
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	36.546	--	Pass
6	2437	36.761	--	Pass
9	2452	36.662	--	Pass

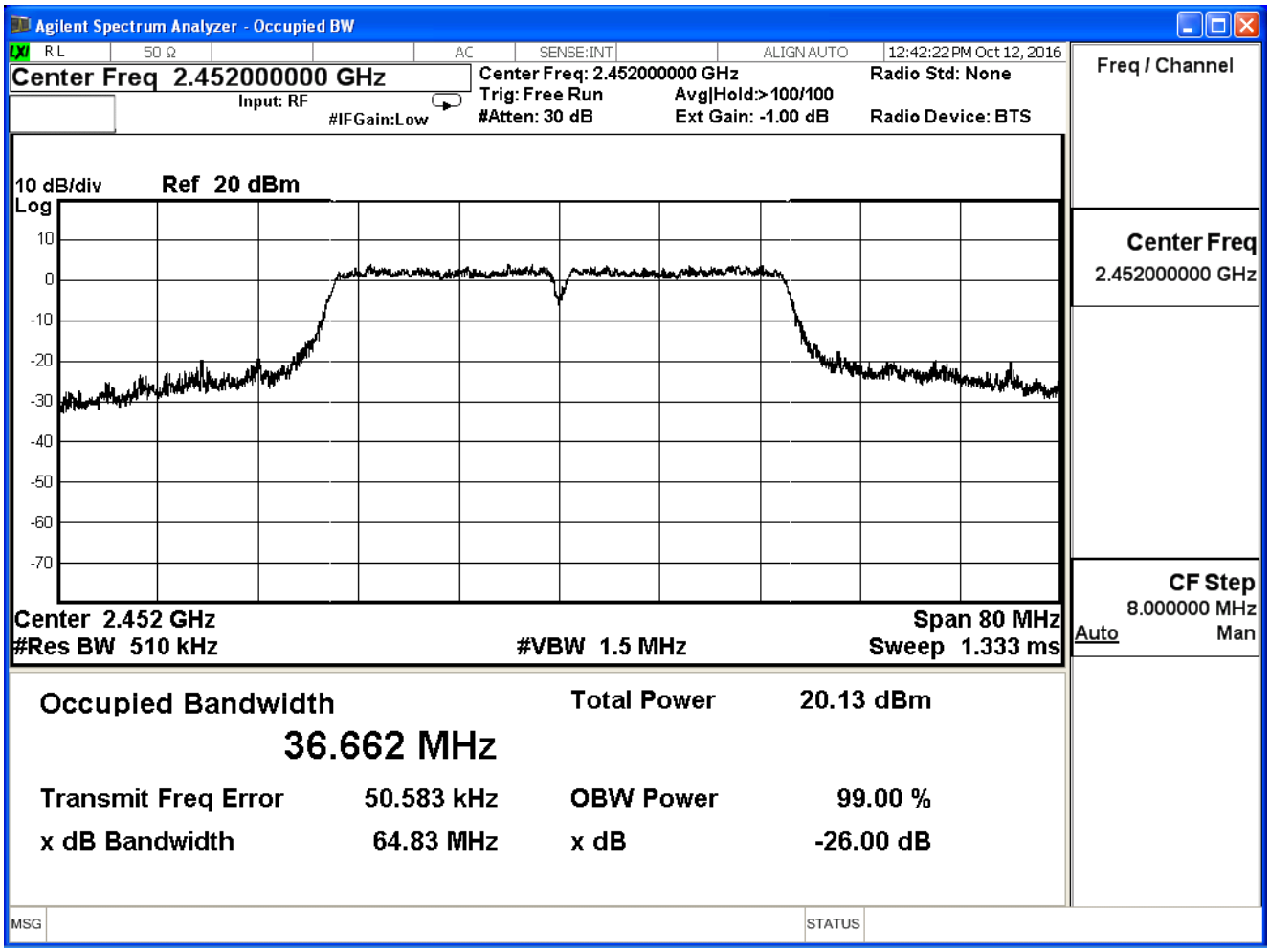
Channel 3



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:41:43 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.761 MHz
Total Power
20.06 dBm
Transmit Freq Error
105.23 kHz
OBW Power
99.00 %
x dB Bandwidth
64.85 MHz
x dB
-26.00 dB
MSG
STATUS

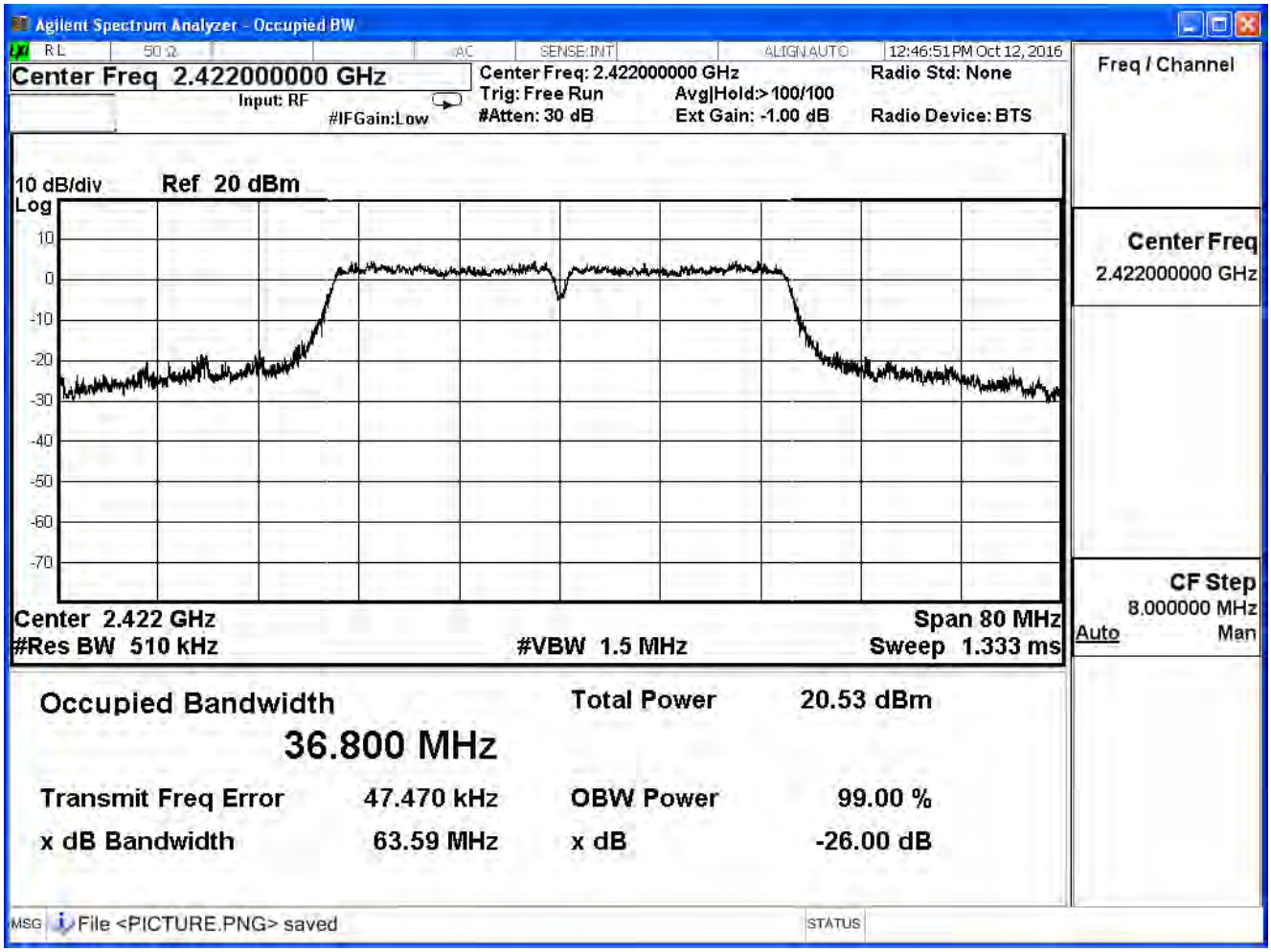
Channel 9


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:42:22 PM Oct 12, 2016
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.662 MHz
Total Power
20.13 dBm
Transmit Freq Error
50.583 kHz
OBW Power
99.00 %
x dB Bandwidth
64.83 MHz
x dB
-26.00 dB
MSG
STATUS

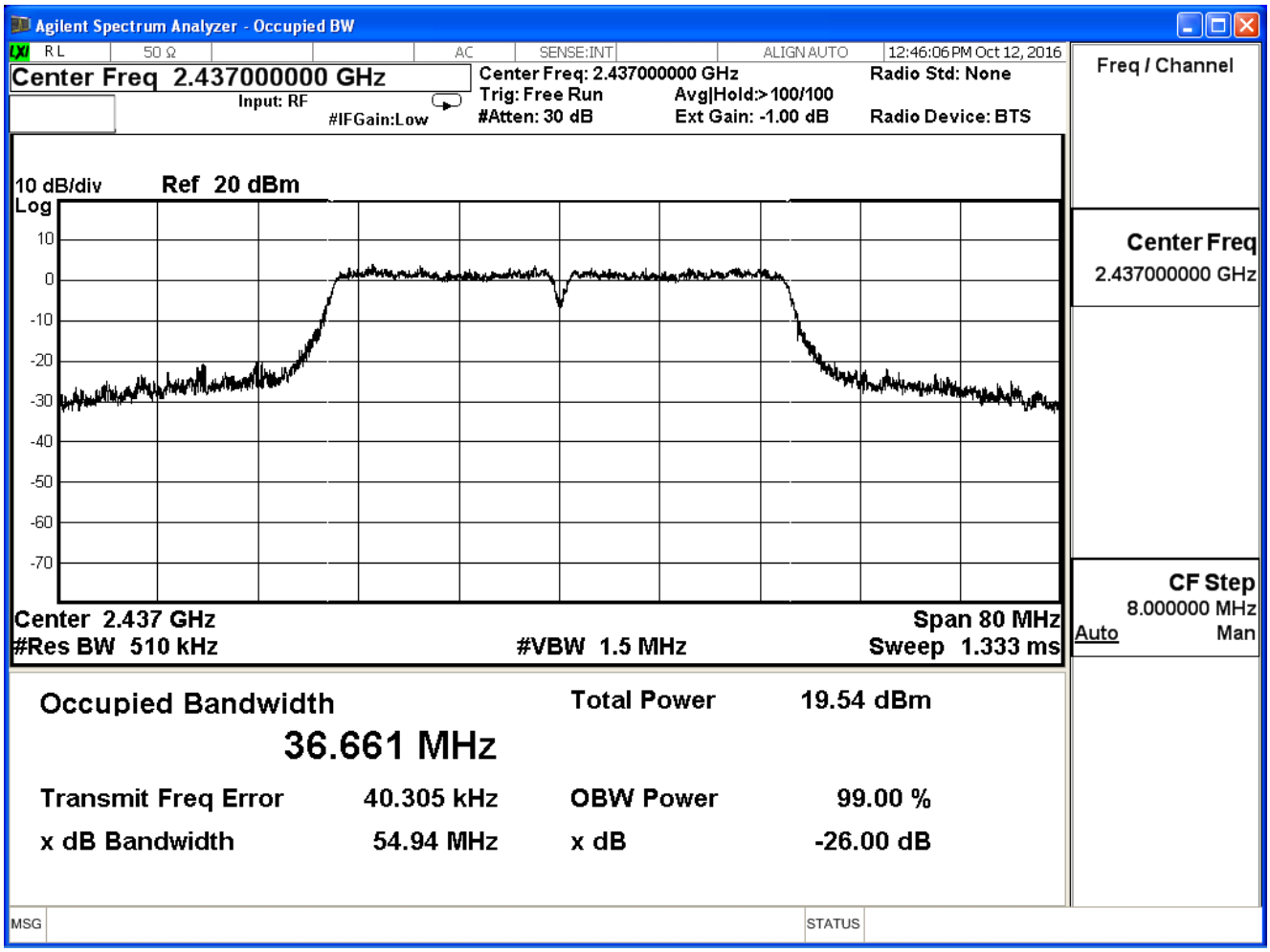
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	36.800	--	Pass
6	2437	36.661	--	Pass
9	2452	36.540	--	Pass

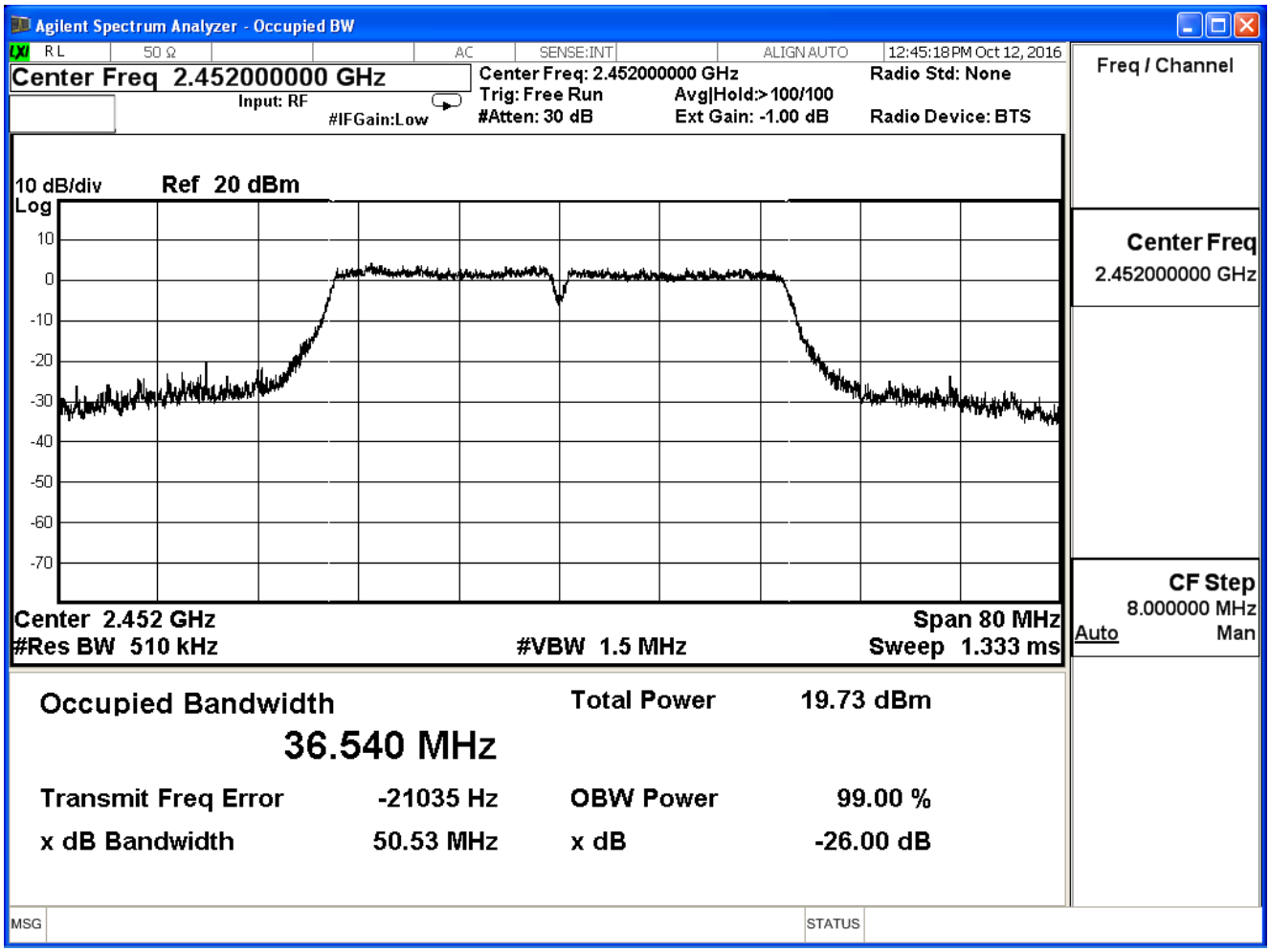
Channel 3



Channel 6


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:46:06 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.661 MHz
Total Power
19.54 dBm
Transmit Freq Error
40.305 kHz
OBW Power
99.00 %
x dB Bandwidth
54.94 MHz
x dB
-26.00 dB
MSG
STATUS

Channel 9


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
12:45:18 PM Oct 12, 2016
Center Freq 2.452000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -1.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Ref 20 dBm
Log
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.452000000 GHz
Center 2.452 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 80 MHz
Sweep 1.333 ms
CF Step
8.000000 MHz
Auto
Man
Occupied Bandwidth
36.540 MHz
Total Power
19.73 dBm
Transmit Freq Error
-21035 Hz
OBW Power
99.00 %
x dB Bandwidth
50.53 MHz
x dB
-26.00 dB
MSG
STATUS

9. Power Density

9.1. Test Equipment

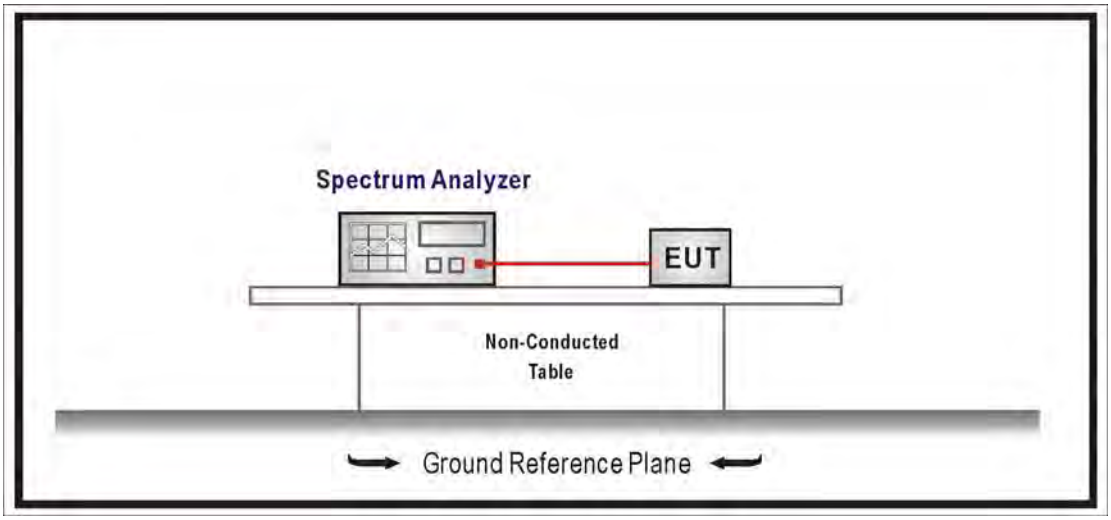
The following test equipment is used during the test:

Power Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08
Signal & Spectrum Analyzer	R&S	FSV40	101049	2017/01/05
Signal Analyzer	R&S	FSV7	101650	2017/11/15

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

9.2. Test Setup



9.3. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

9.4. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure section 10.2 of KDB558074v03r05for compliance to FCC 47CFR 15.247 requirements.
Set 3KHz ≦RBW≦100 kHz, Set VBW≧3xRBW, Sweep time=Auto, Set Peak detector.

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

9.6. Uncertainty

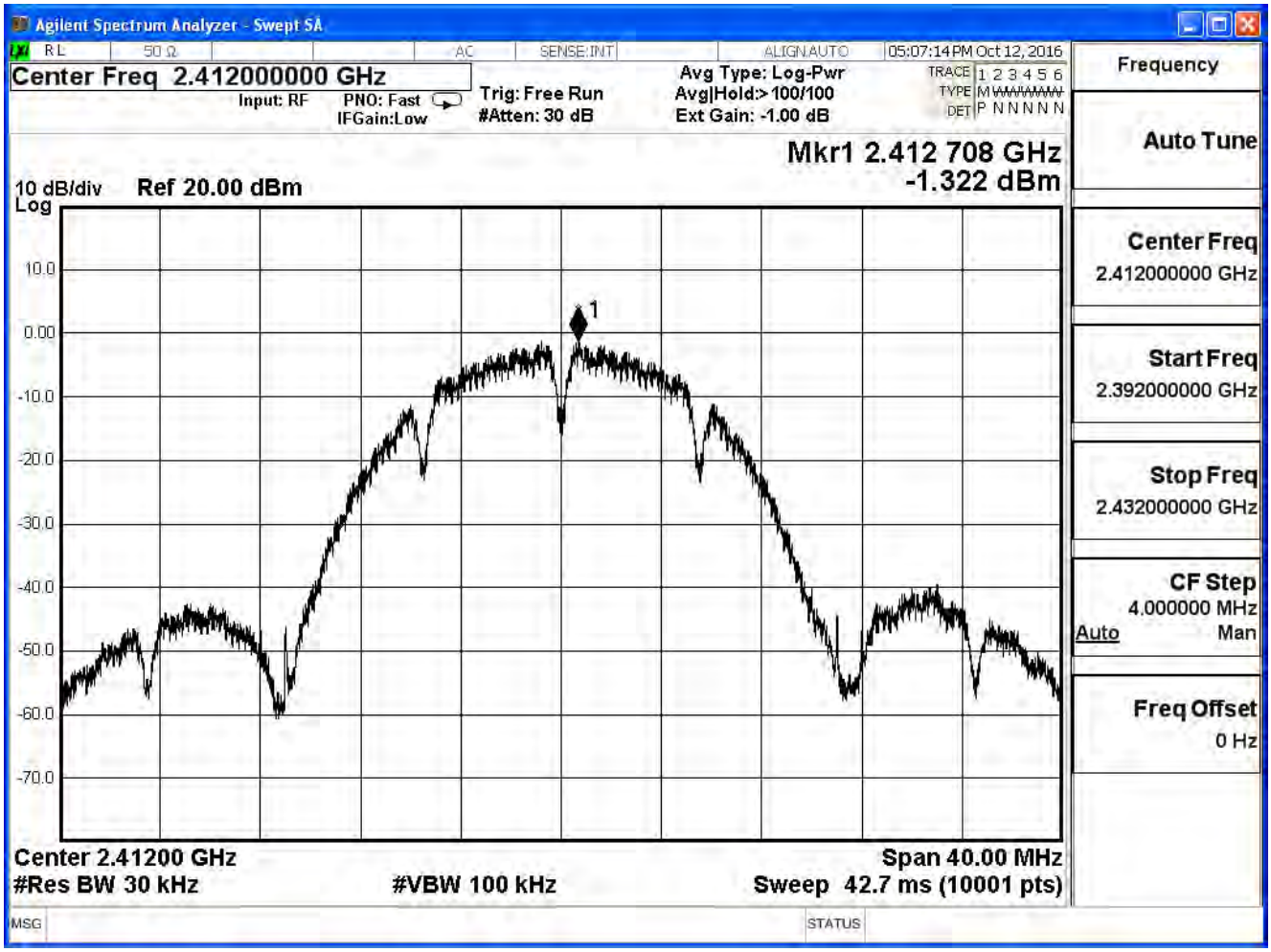
The measurement uncertainty is defined as ±1.27dB.

9.7. Test Result

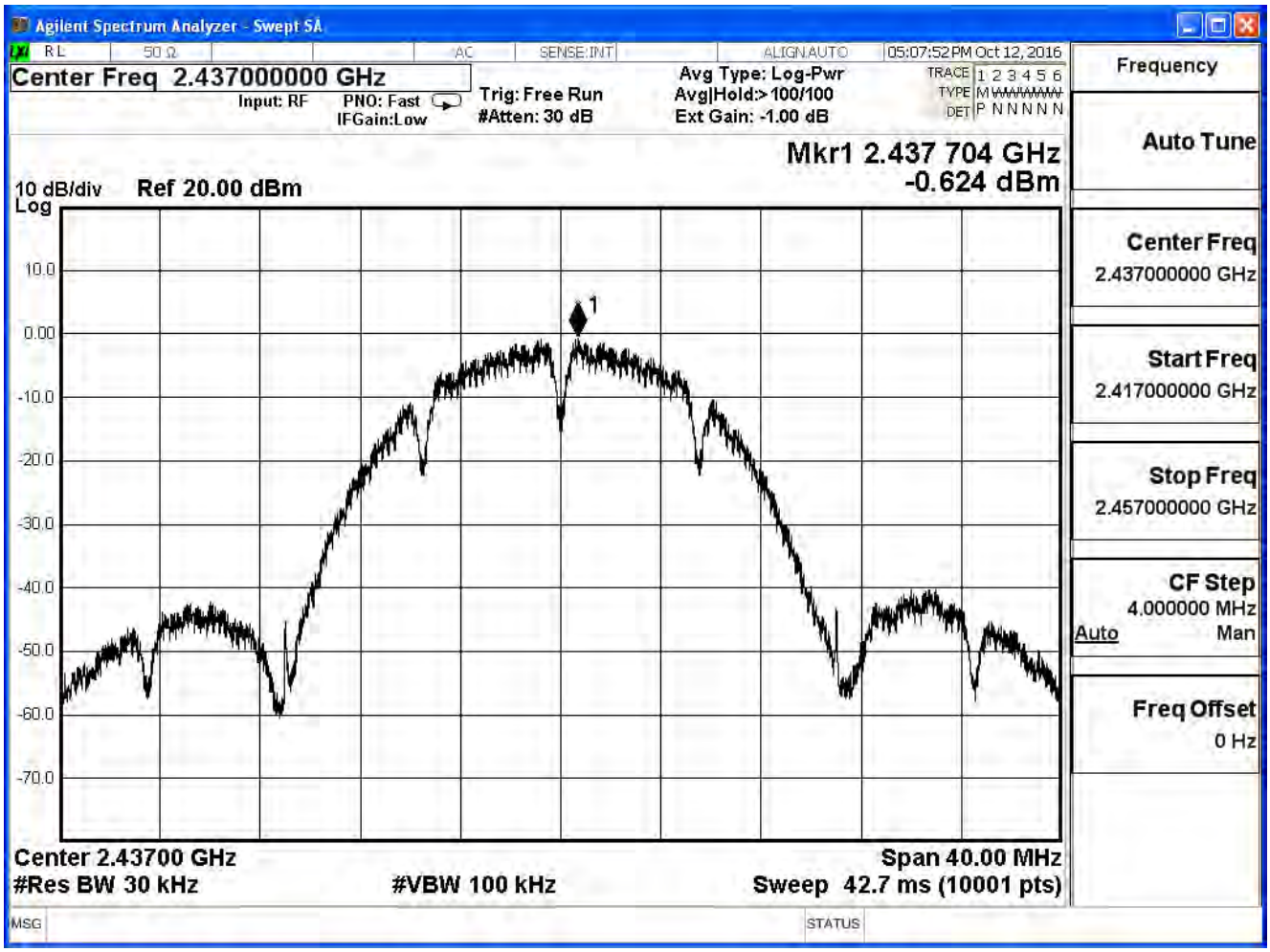
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-1.322	≦8	Pass
6	2437	-0.624	≦8	Pass
11	2462	-0.812	≦8	Pass

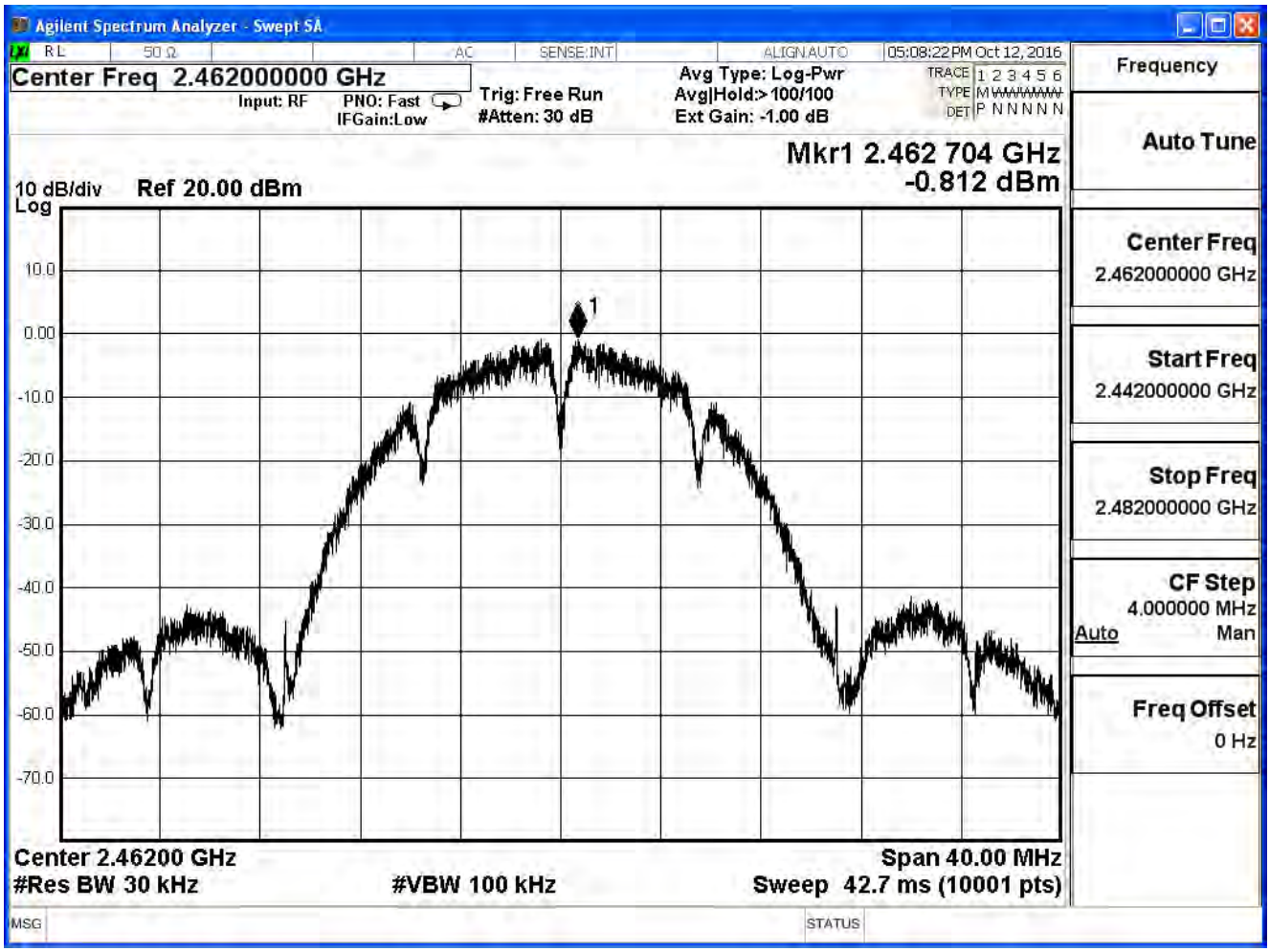
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
05:07:52 PM Oct 12, 2016
Mkr1 2.437 704 GHz
-0.624 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.43700 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 40.00 MHz
Sweep 42.7 ms (10001 pts)
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

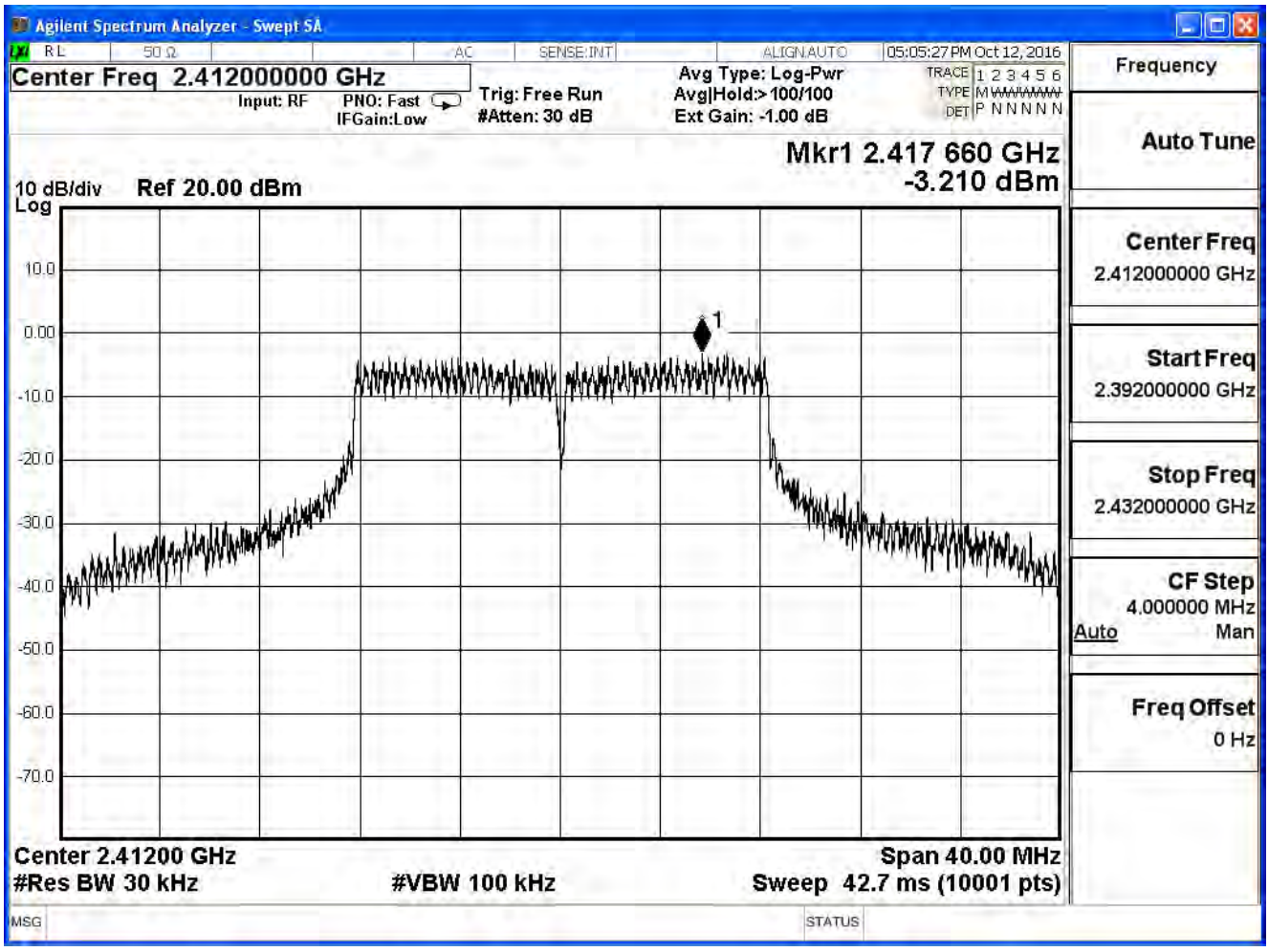
Channel 11


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.462000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
05:08:22 PM Oct 12, 2016
Mkr1 2.462 704 GHz
-0.812 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.46200 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 40.00 MHz
Sweep 42.7 ms (10001 pts)
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

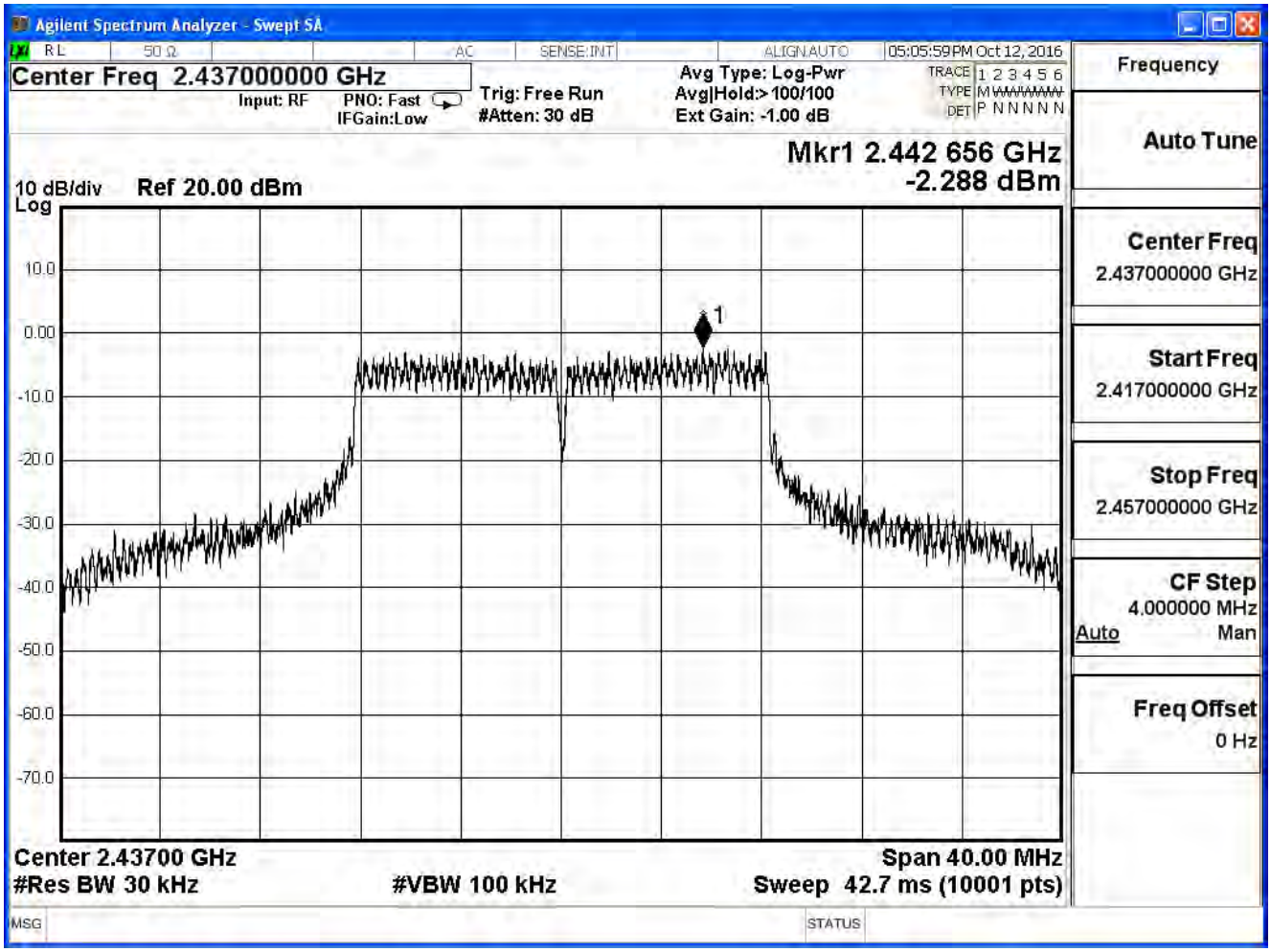
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_SISO Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-3.210	≦8	Pass
6	2437	-2.288	≦8	Pass
11	2462	-2.038	≦8	Pass

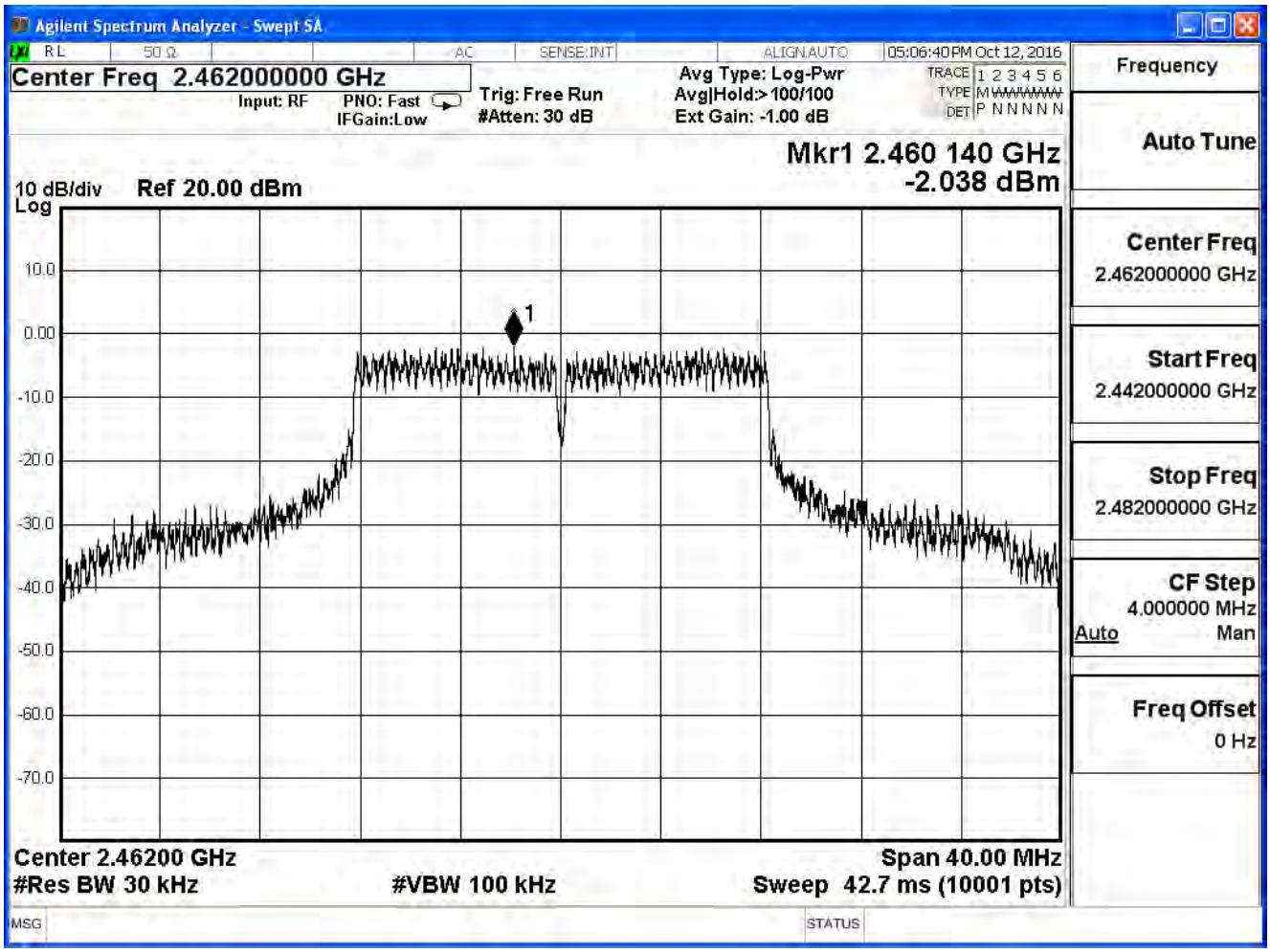
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:05:59 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 2.442 656 GHz
-2.288 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 40.00 MHz
Sweep 42.7 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

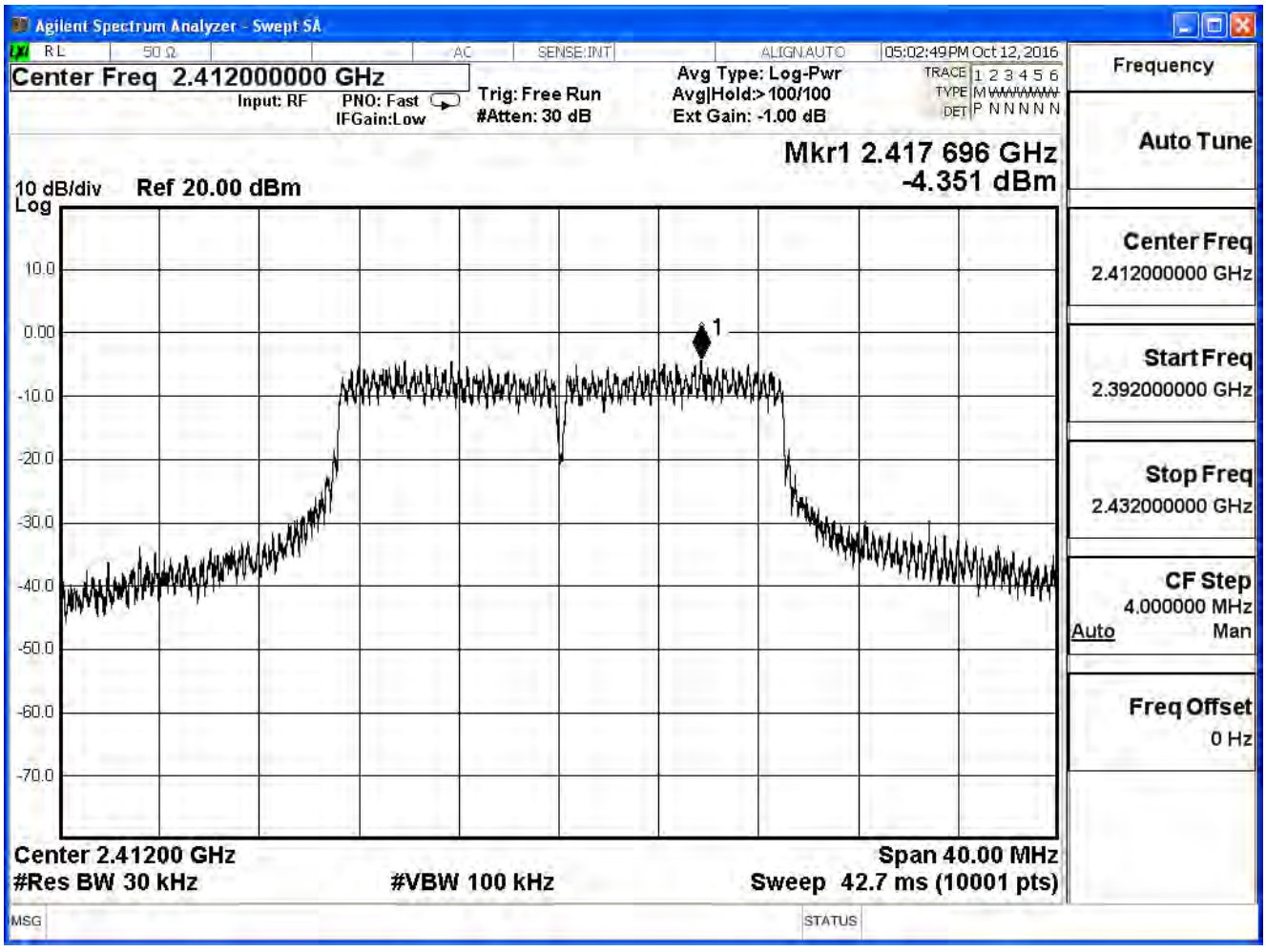
Channel 11


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.462000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
05:06:40 PM Oct 12, 2016
Mkr1 2.460 140 GHz
-2.038 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.46200 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 40.00 MHz
Sweep 42.7 ms (10001 pts)
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

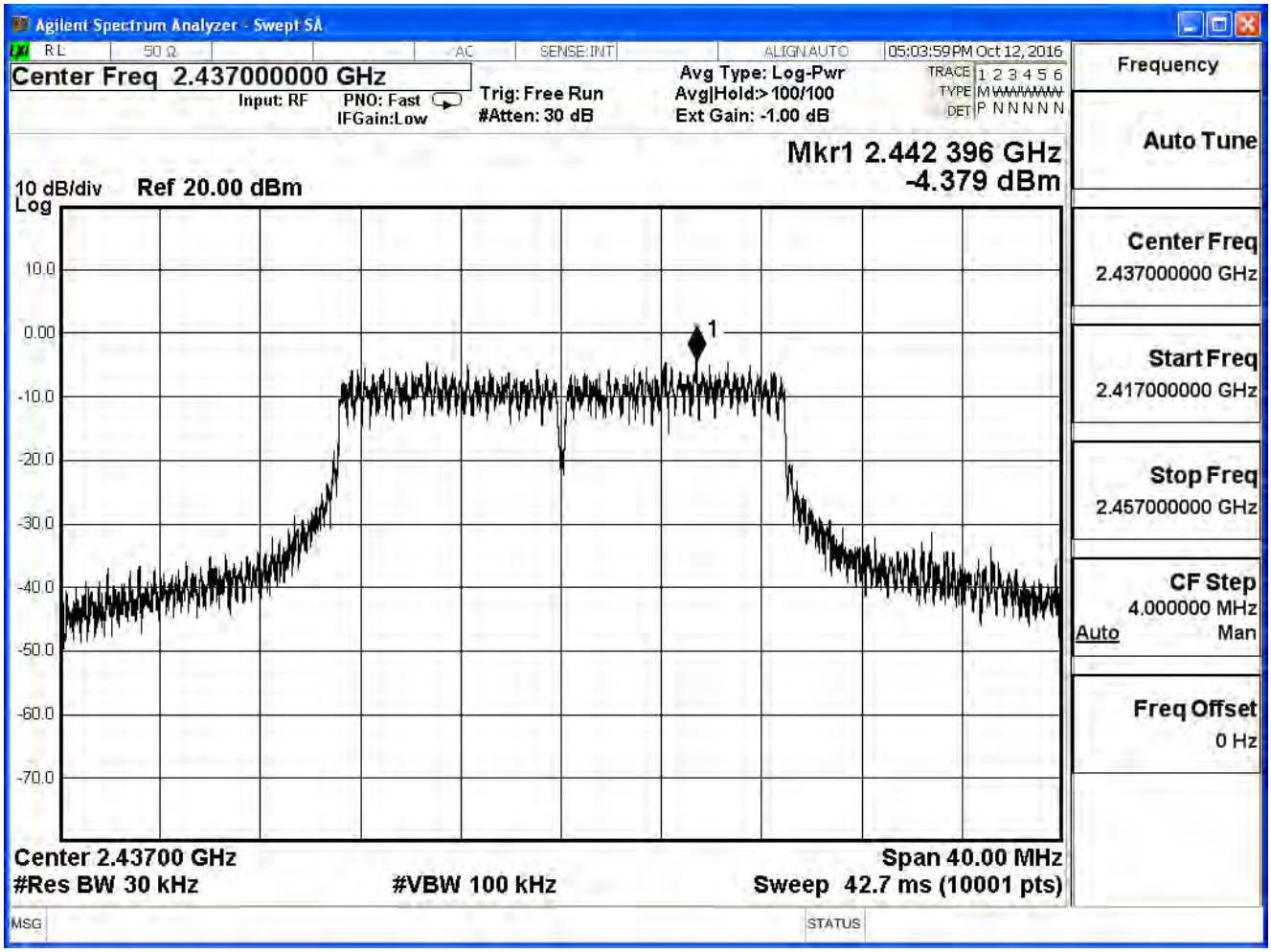
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 20MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-4.351	≦8	Pass
6	2437	-4.379	≦8	Pass
11	2462	-4.903	≦8	Pass

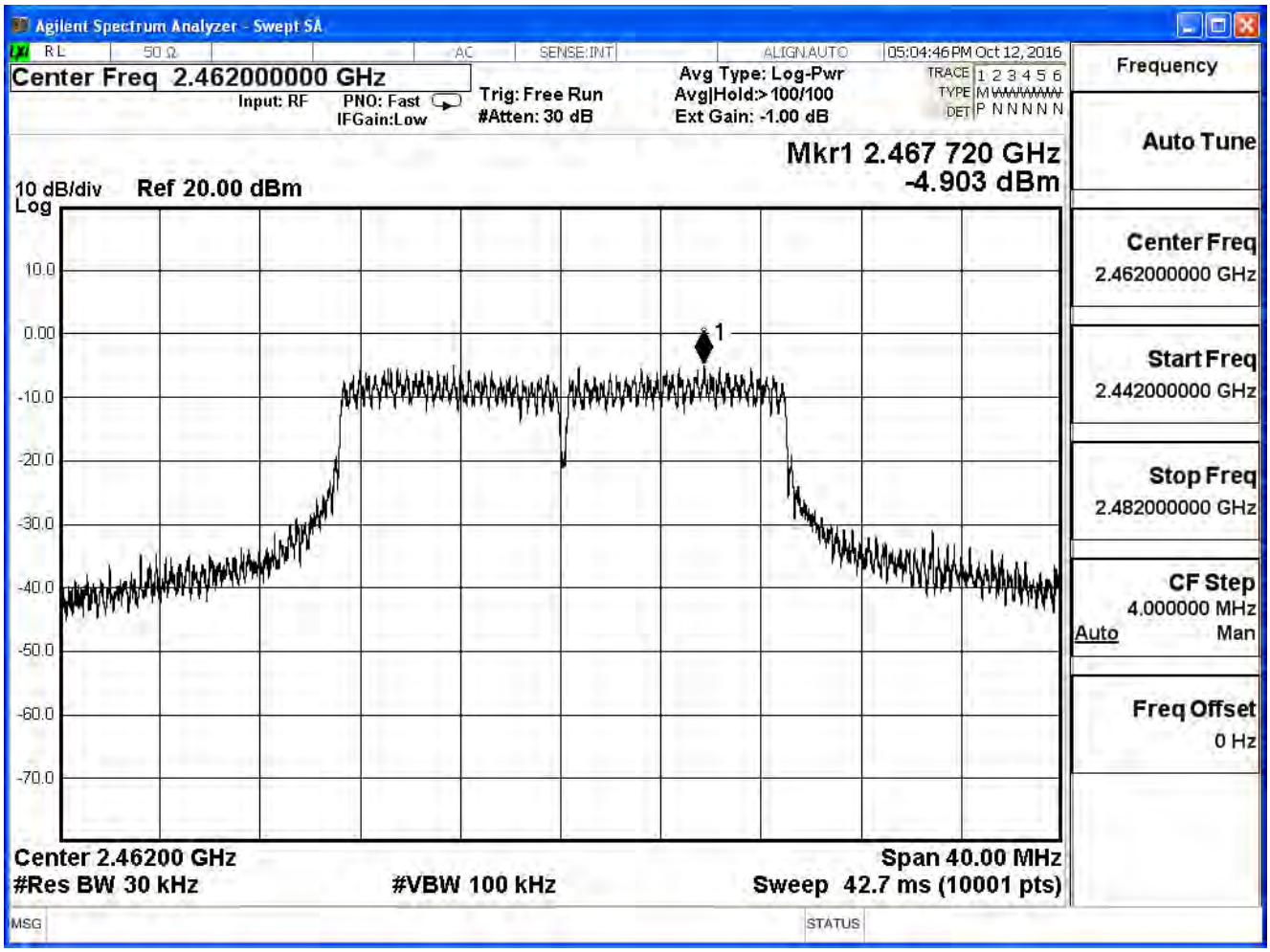
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:03:59 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 2.442 396 GHz
-4.379 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 40.00 MHz
Sweep 42.7 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

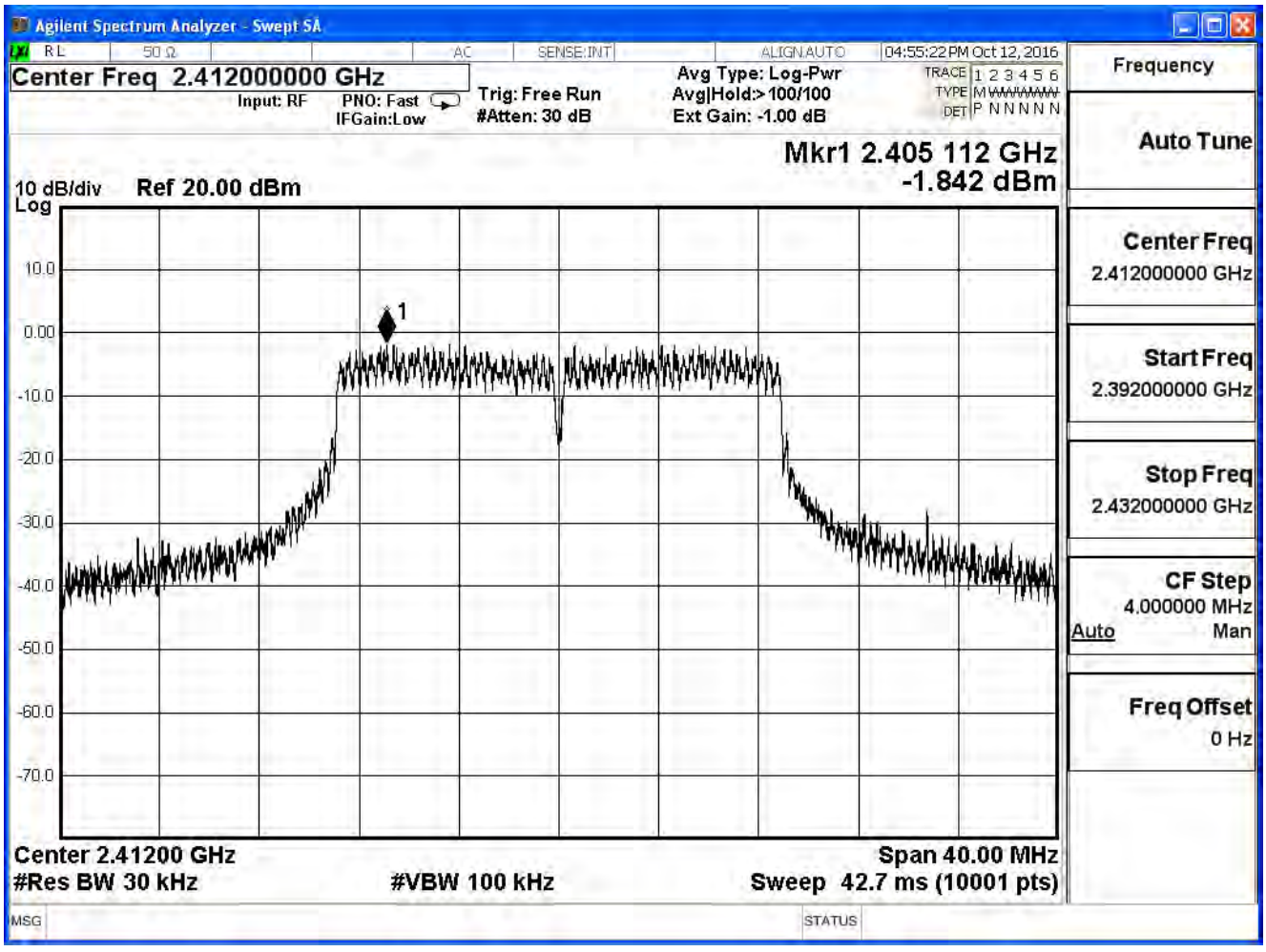
Channel 11


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.462000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
05:04:46 PM Oct 12, 2016
Mkr1 2.467 720 GHz
-4.903 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.46200 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 40.00 MHz
Sweep 42.7 ms (10001 pts)
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

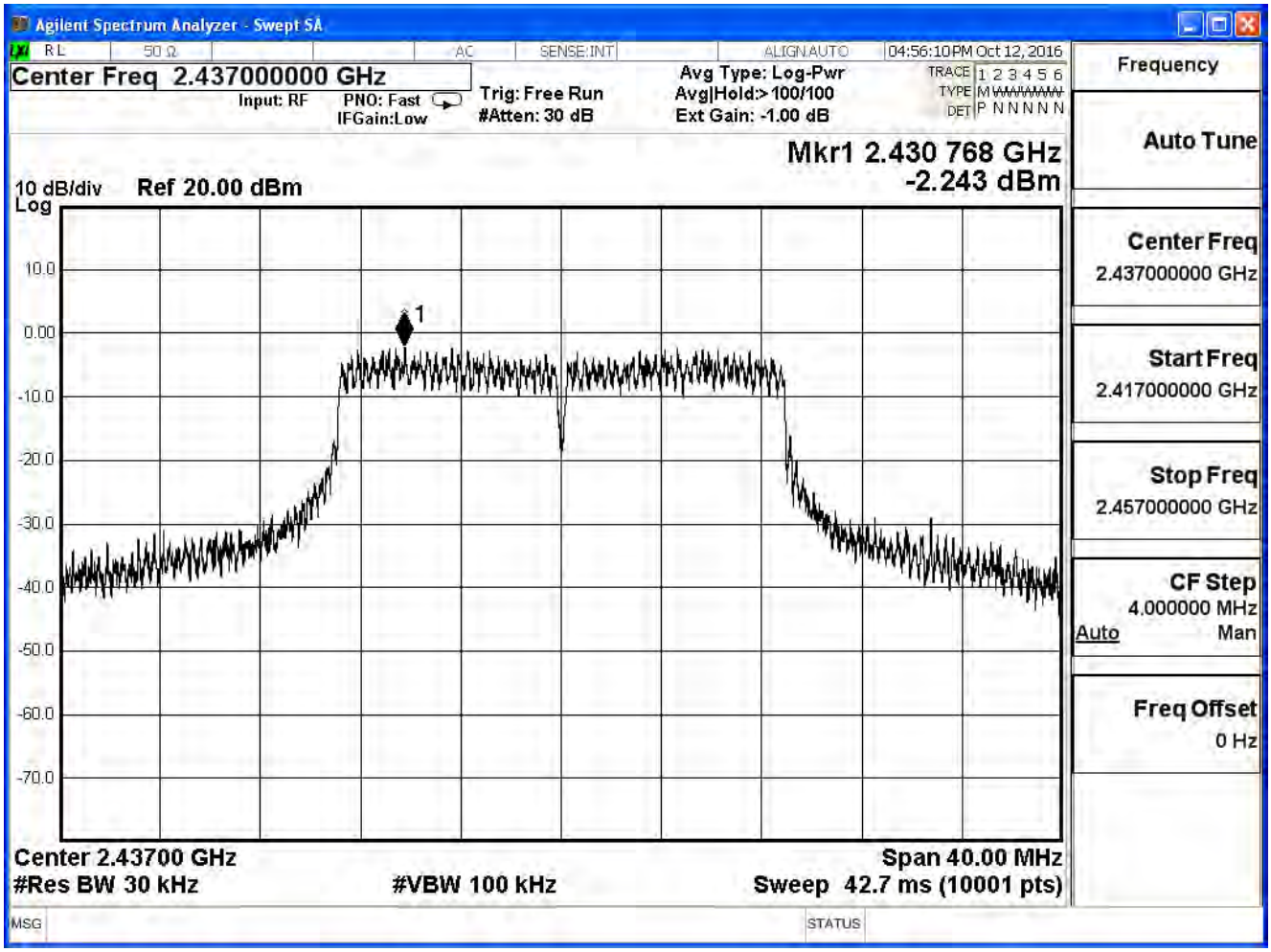
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 20MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-1.842	≦8	Pass
6	2437	-2.243	≦8	Pass
11	2462	-2.404	≦8	Pass

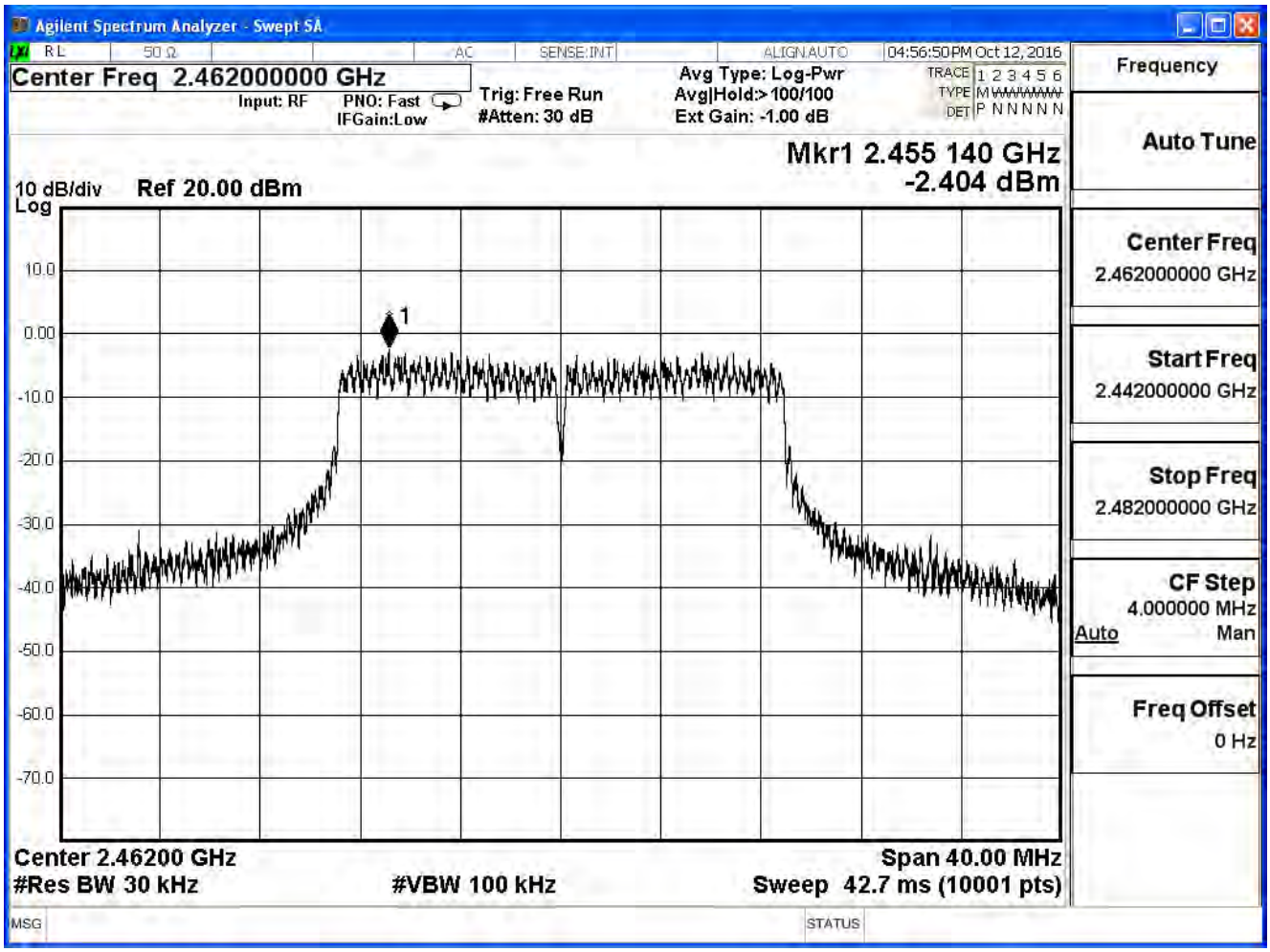
Channel 1



Channel 6


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
04:56:10 PM Oct 12, 2016
Mkr1 2.430 768 GHz
-2.243 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.43700 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 40.00 MHz
Sweep 42.7 ms (10001 pts)
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.417000000 GHz
Stop Freq
2.457000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Channel 11


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.462000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
04:56:50 PM Oct 12, 2016
Mkr1 2.455 140 GHz
-2.404 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.46200 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 40.00 MHz
Sweep 42.7 ms (10001 pts)
Frequency
Auto Tune
Center Freq
2.462000000 GHz
Start Freq
2.442000000 GHz
Stop Freq
2.482000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

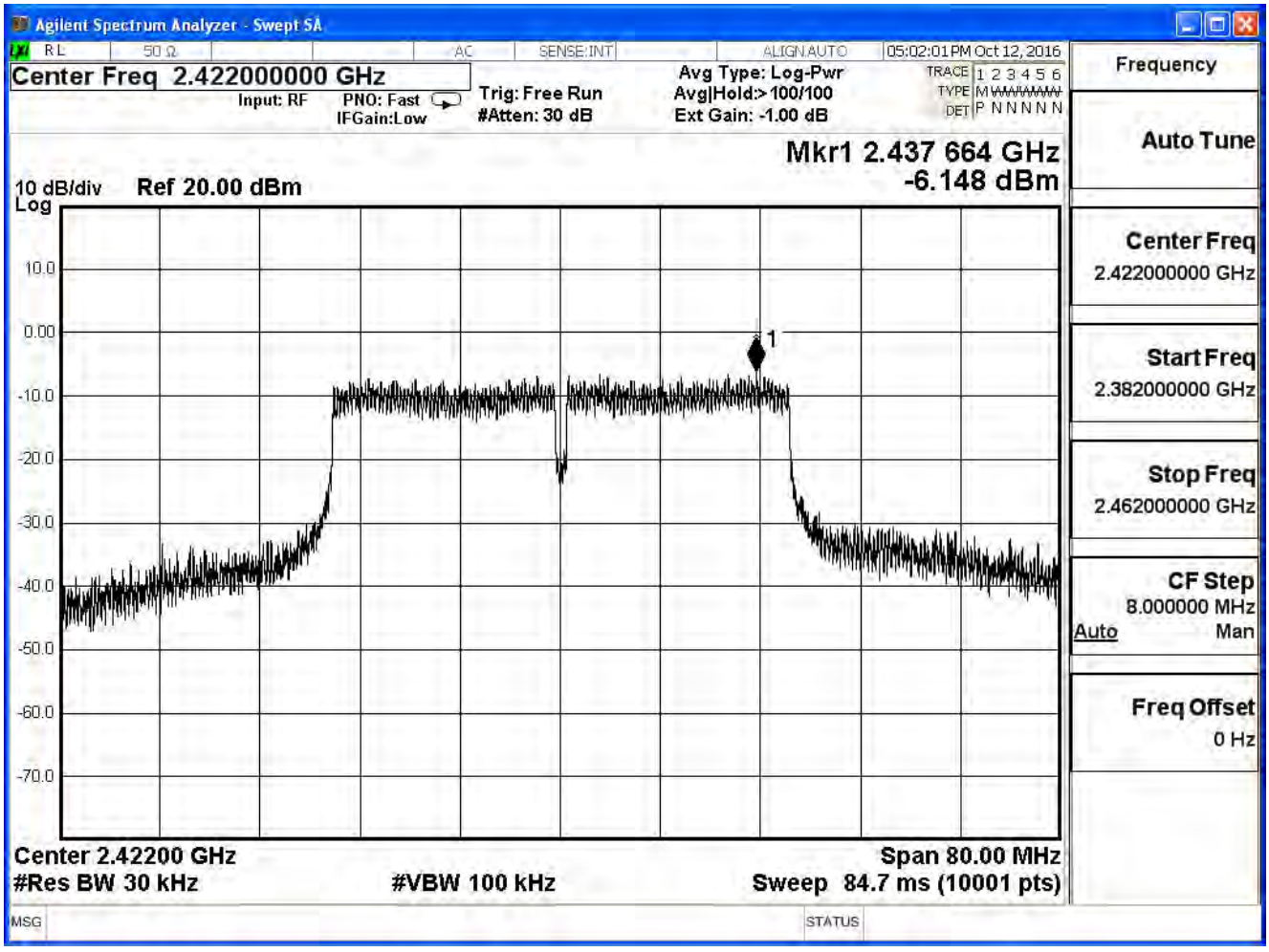
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 20MHz (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	0.093	≦8	Pass
6	2437	-0.171	≦8	Pass
11	2462	-0.466	≦8	Pass

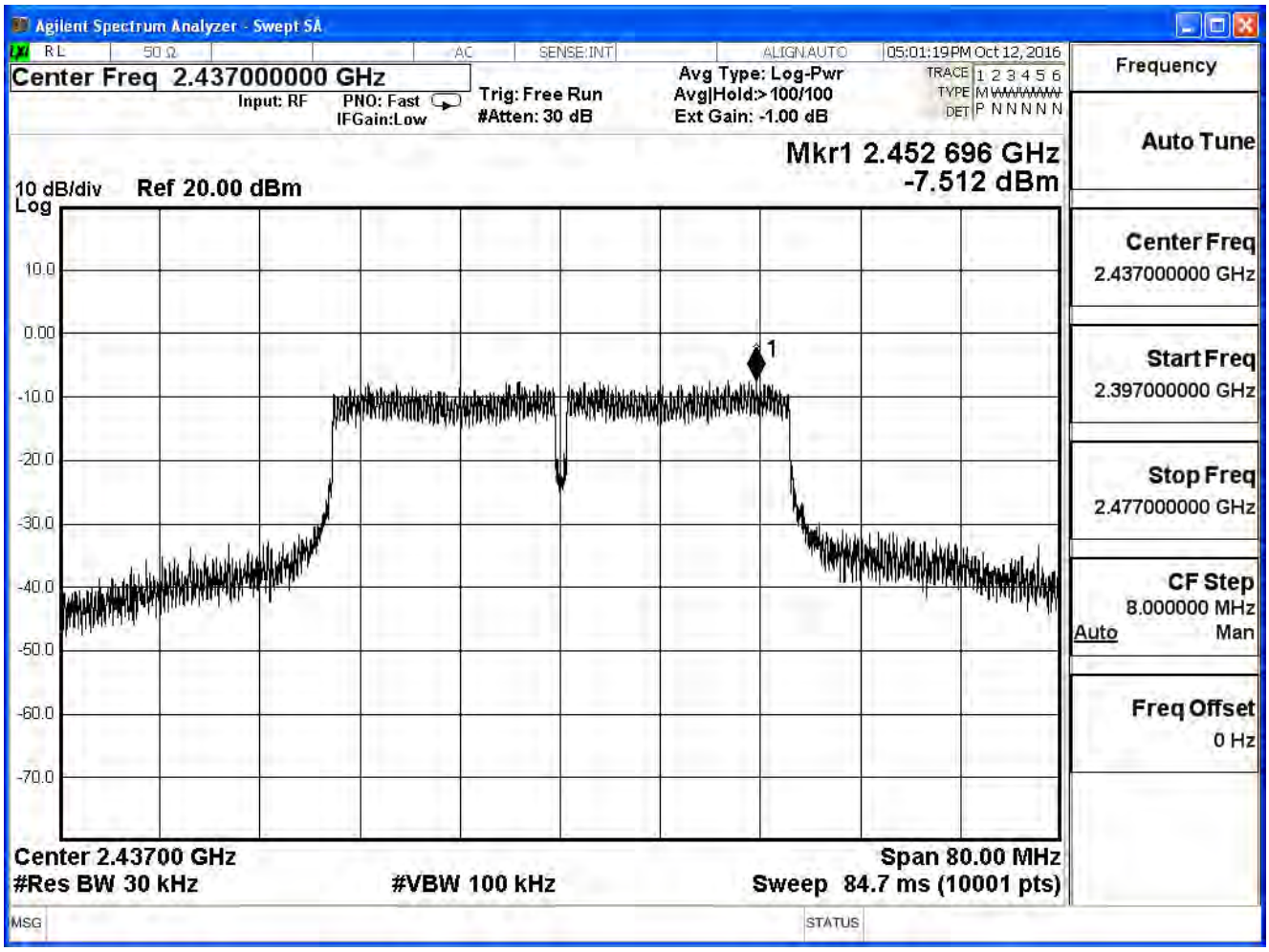
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-6.148	≦8	Pass
6	2437	-7.512	≦8	Pass
9	2452	-7.066	≦8	Pass

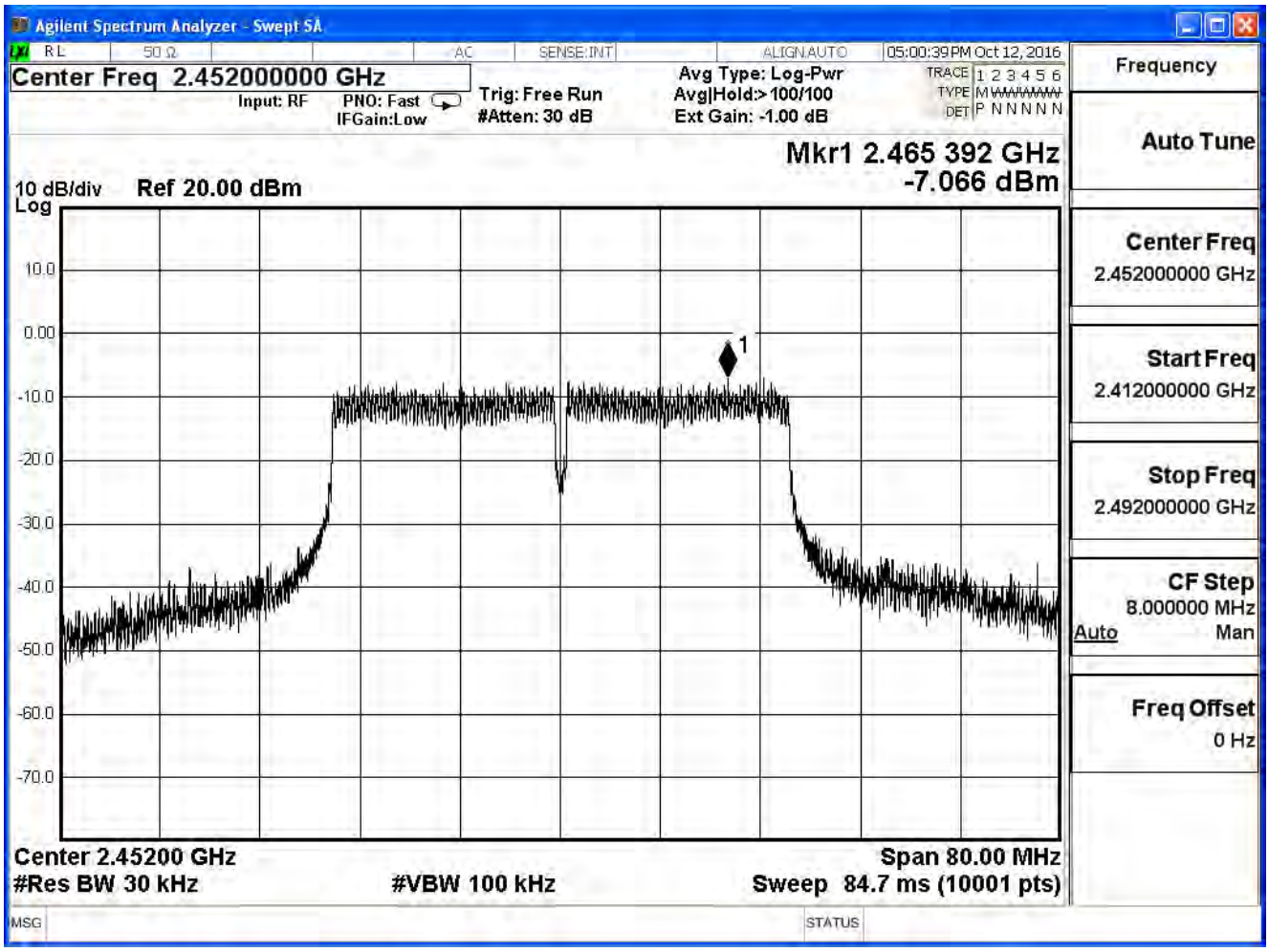
Channel 3



Channel 6


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:01:19 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 2.452 696 GHz
-7.512 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 80.00 MHz
Sweep 84.7 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.397000000 GHz
Stop Freq
2.477000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

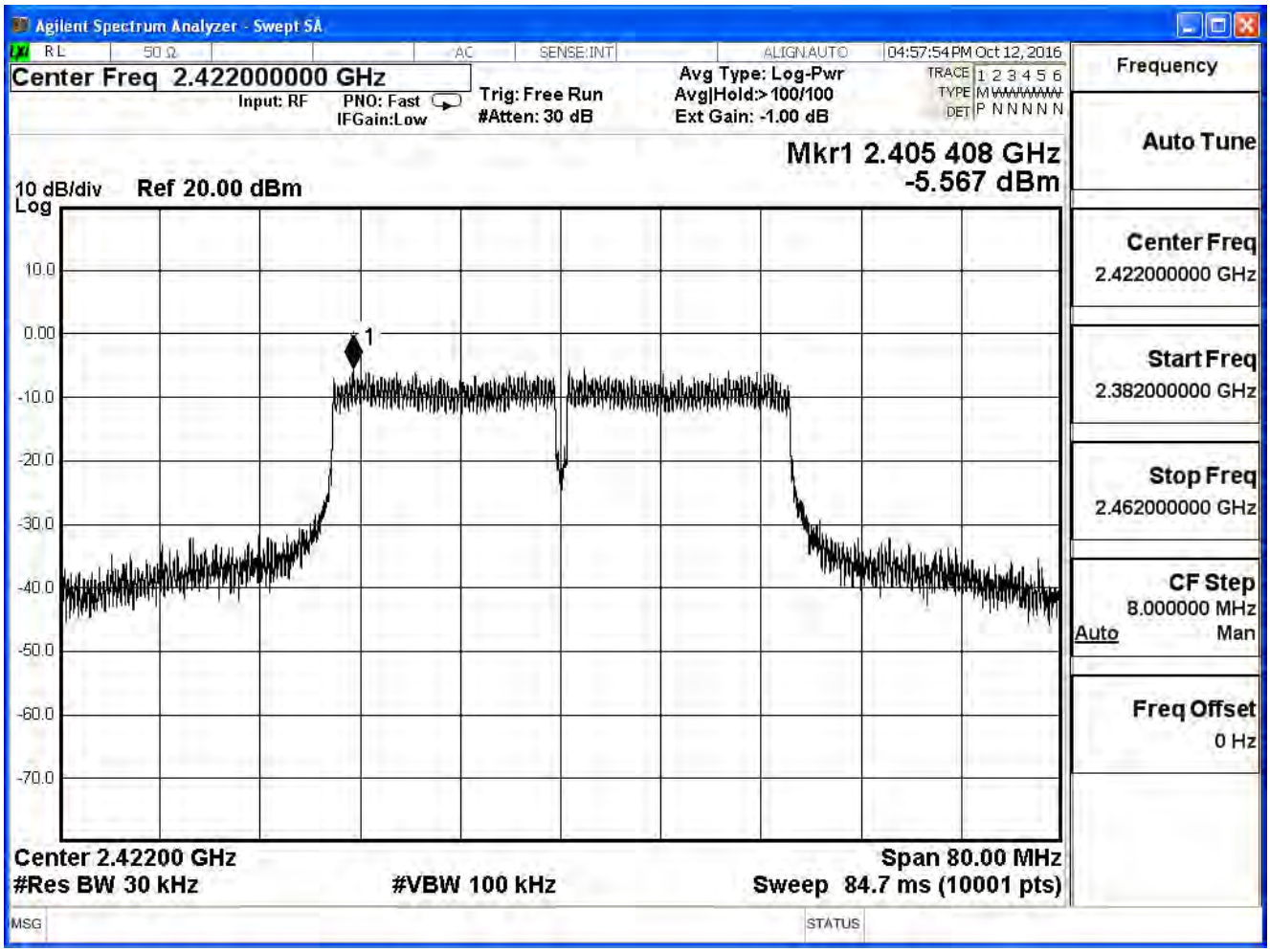
Channel 9


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
05:00:39 PM Oct 12, 2016
Center Freq 2.452000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 2.465 392 GHz
-7.066 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.45200 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 80.00 MHz
Sweep 84.7 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.412000000 GHz
Stop Freq
2.492000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

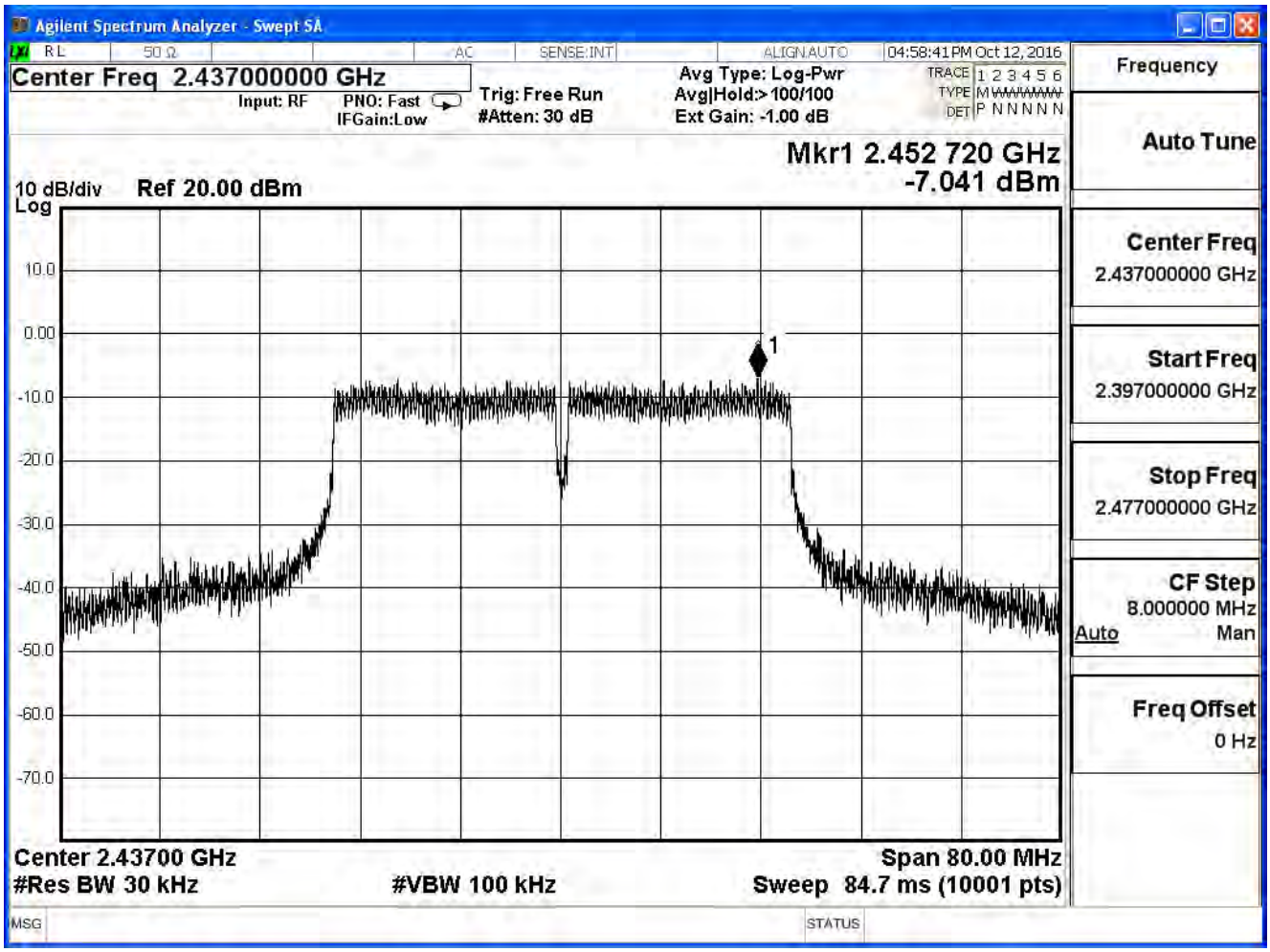
Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-5.567	≦8	Pass
6	2437	-7.041	≦8	Pass
9	2452	-6.896	≦8	Pass

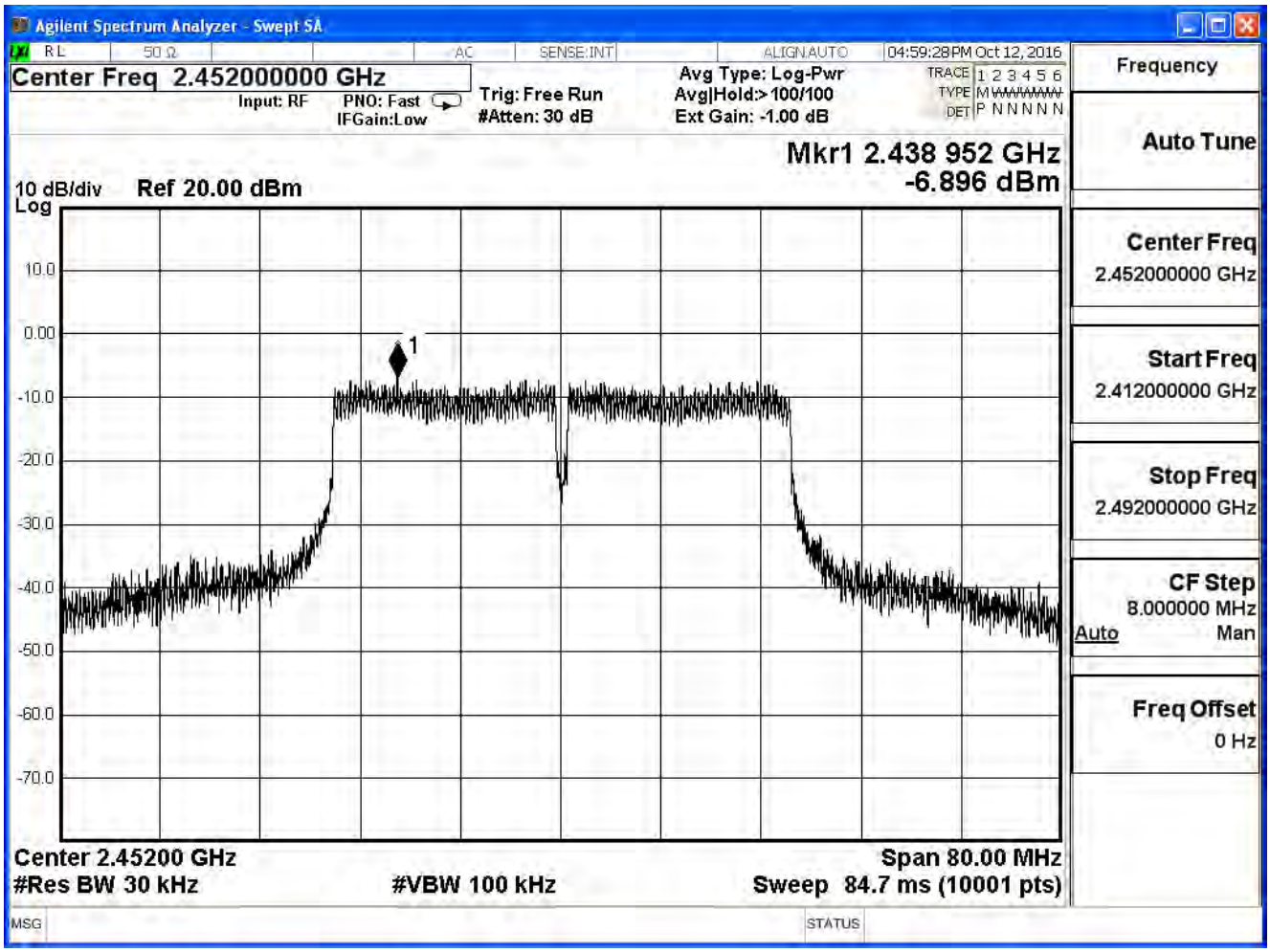
Channel 3



Channel 6


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:58:41 PM Oct 12, 2016
Center Freq 2.437000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 2.452 720 GHz
-7.041 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.43700 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 80.00 MHz
Sweep 84.7 ms (10001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.437000000 GHz
Start Freq
2.397000000 GHz
Stop Freq
2.477000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz

Channel 9


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.452000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -1.00 dB
04:59:28 PM Oct 12, 2016
Mkr1 2.438 952 GHz
-6.896 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.45200 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 80.00 MHz
Sweep 84.7 ms (10001 pts)
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.412000000 GHz
Stop Freq
2.492000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Product	Dual-band Wireless-AC1200 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit_CDD Mode		
Date of Test	2016/10/12	Test Site	SR7

IEEE802.11n 40MHz (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-2.557	≦8	Pass
6	2437	-4.260	≦8	Pass
9	2452	-3.970	≦8	Pass