

FCC Test Report

Product Name : H.264/MJPEG 11n Wireless Network Camera
Model No. : CS-5062
FCC ID. : RRK-CS5062

Applicant : Alpha Networks Inc.
Address : No.8 Li-shing 7th Rd., Science-based Industrial Park,
Hsinchu, Taiwan, R.O.C.

Date of Receipt : 2015/05/29
Issued Date : 2015/06/17
Report No. : 1560086R-RFUSP27V00
Report Version : V1.0



The test results relate only to the samples tested.
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Test Report Certification

Issued Date : 2015/06/17

Report No. : 1560086R-RFUSP27V00



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Applicant : Alpha Networks Inc.

Address : No.8 Li-shing 7th Rd., Science-based Industrial Park,
Hsinchu, Taiwan, R.O.C.

Model No. : CS-5062

FCC ID. : RRK-CS5062

EUT Test Voltage : AC 100-240V, 50/60Hz

Trade Name : ALPHA

Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2014
ANSI C63.10

Test Result : Complied

The test results relate only to the samples tested.

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Approved By :

(Roy Wang / Director)

Laboratory Information

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

Taiwan R.O.C.	:	TAF, Accreditation Number: 3204
USA	:	FCC, Registration Number: 365520
Canada	:	IC, Submission No: 150981

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

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

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1. General Information

1.1. EUT Description

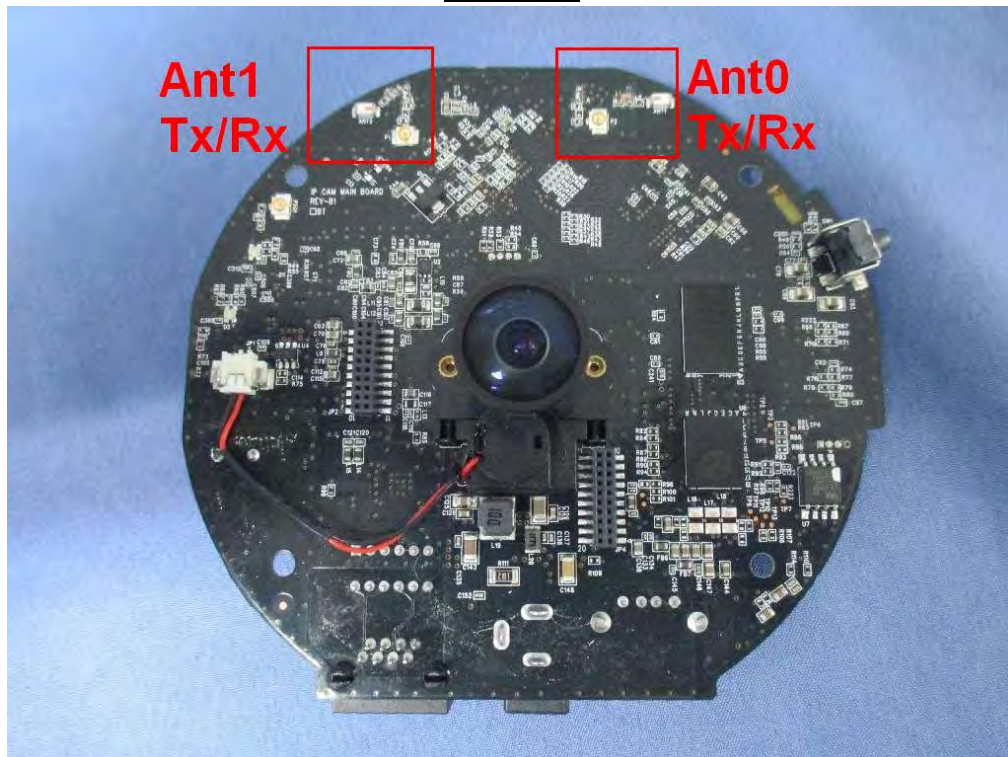
Product Name	H.264/MJPEG 11n Wireless Network Camera
Trade Name	ALPHA
Model No.	CS-5062
Frequency Range/Channel Number -IEEE 802.11b/g & IEEE 802.11n (20MHz)	2412~2462MHz / 11 Channels
Frequency Range/Channel Number IEEE 802.11n (40MHz)	2422~2452MHz / 7 Channels
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11g/n)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n
Antenna Gain	Ant0: 0.5dBi, Ant1: 0.5dBi (2TX, 2RX)
Antenna Type	On board SMD type

Component	
LAN Cable	Non-Shielded, 1.8m
Power Adapter	AMIGO, AMS115-0502500FU I/P: 100~240V, 50/60Hz, 0.8A O/P: 5V $\overline{=}$ 2.5A Cable Out: Non-Shielded, 1.2m

ANT-TX / RX & Bandwidth

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

2TX / 2RX



IEEE 802.11n

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

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

Table 1 – MCS parameters for TX Antenna number = 1

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

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

Table 2 – MCS parameters for TX Antenna number = 2

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

IEEE 802.11b/g & IEEE 802.11n (20MHz)

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 the H.264/MJPEG 11n Wireless Network Camera including 2.4GHz b/g/n (2X2) transmitting and receiving function.
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
3. This device is a wifi device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 1560086R-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
----	------------------

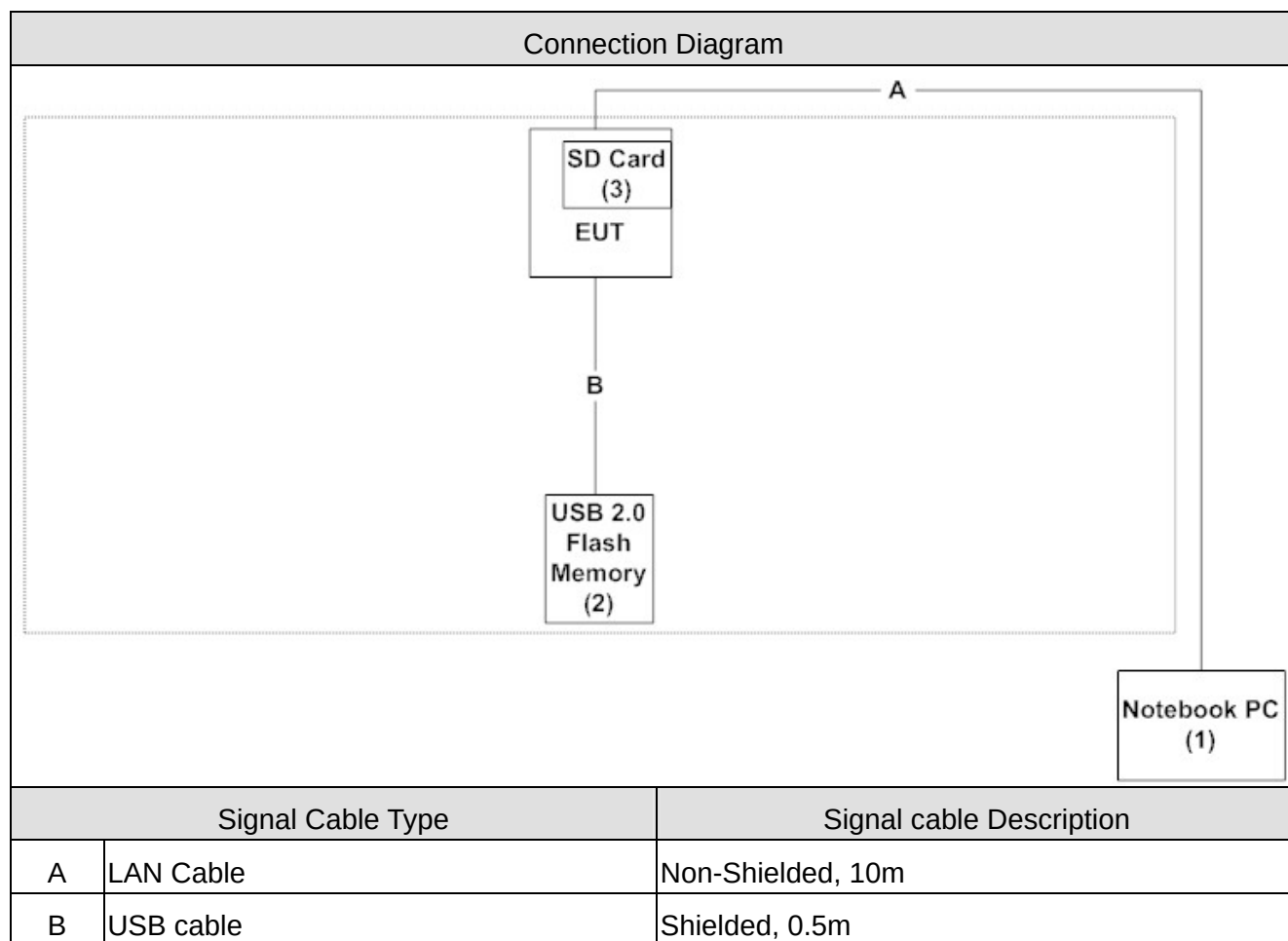
Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6	0+1	Complies
Peak Power Output	11b/g	1/ 6/ 11	0	Complies
	11n(20MHz)	1/ 6/ 11	0+1	Complies
	11n(40MHz)	3/ 6/ 9	0+1	Complies
Radiated Emission	11b/g	1/ 6/ 11	0	Complies
	11n(20MHz)	1/ 6/ 11	0+1	Complies
	11n(40MHz)	3/ 6/ 9	0+1	Complies
RF antenna conducted test	11b/g	1/ 6/ 11	0	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
Occupied Bandwidth	11b/g	1/ 6/ 11	0	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	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	ACER	MS2296	LUSCV021391 150332C2000	DoC	Non-Shielded, 2.5m one ferrite core bonded
2 USB 2.0 Flash Memory	Apacer	AH223	N/A	DoC	--
3 SD Card	Transcend	TS512MSD80	160073-4668	DoC	--

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Test system is in accord with EUT user manual (refer to 1.4 configuration of tested system)
2	Execute the “MT7620QA” on the Notebook.
3	Configure the test mode, the test channel, and the data rate.
4	Make the EUT to start the transmitting.
5	Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

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

2. Conducted Emission

2.1. Test Equipment

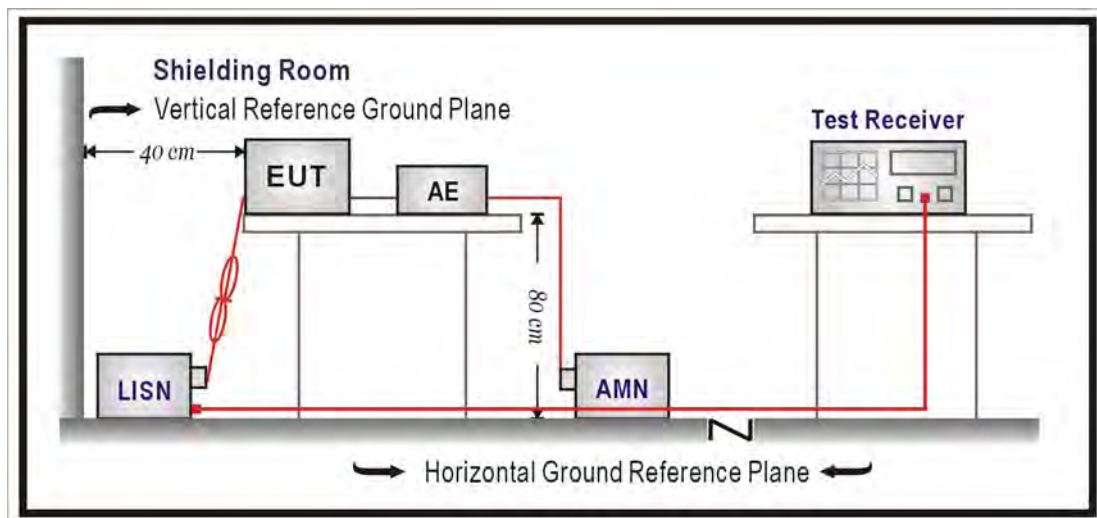
The following test equipments are used during the test:

Conducted Emission / SR2

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

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

2.2. Test Setup



2.3. Limits

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

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

2.4. Test Procedure

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

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

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

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

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

2.5. Test Specification

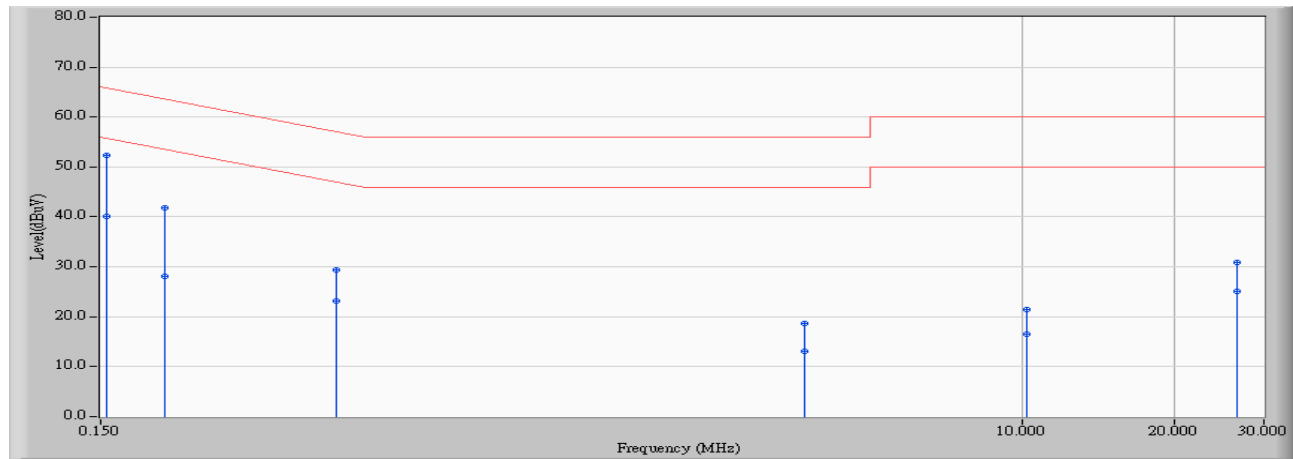
According to FCC Part 15 Subpart C Paragraph 15.207: 2014

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2	Time : 2015/06/16 - 11:33
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line1	Power : AC 120V 60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

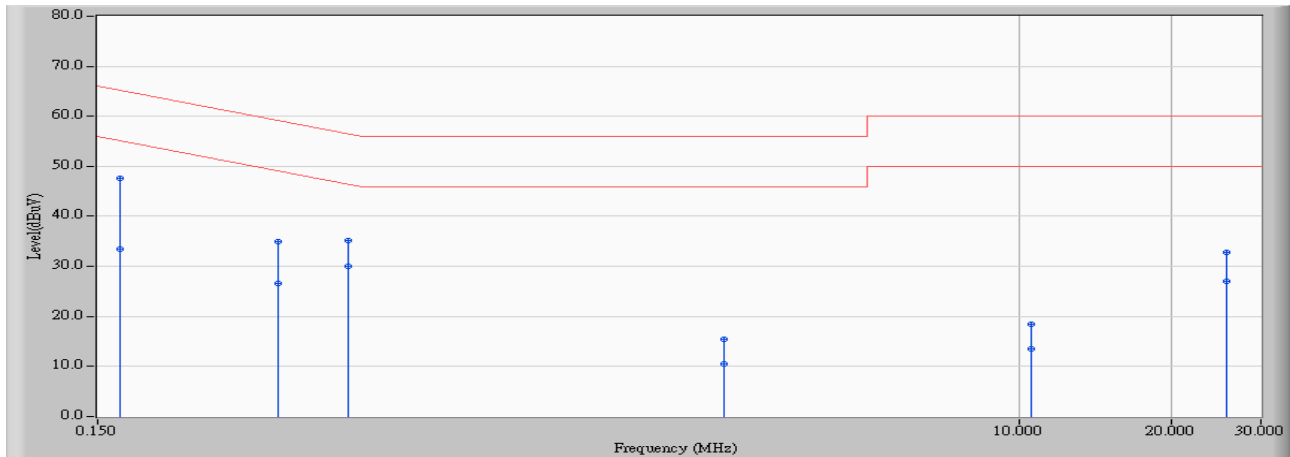


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.761	42.510	52.271	-13.515	65.786	QUASIPeAK
2		0.154	9.761	30.350	40.111	-15.675	55.786	AVERAGE
3		0.201	9.760	32.010	41.770	-21.809	63.578	QUASIPeAK
4		0.201	9.760	18.230	27.990	-25.589	53.578	AVERAGE
5		0.439	9.751	19.690	29.441	-27.639	57.079	QUASIPeAK
6		0.439	9.751	13.490	23.241	-23.839	47.079	AVERAGE
7		3.693	9.901	8.660	18.562	-37.438	56.000	QUASIPeAK
8		3.693	9.901	3.110	13.012	-32.988	46.000	AVERAGE
9		10.158	10.102	11.310	21.413	-38.587	60.000	QUASIPeAK
10		10.158	10.102	6.330	16.433	-33.567	50.000	AVERAGE
11		26.552	10.340	20.600	30.940	-29.060	60.000	QUASIPeAK
12		26.552	10.340	14.720	25.060	-24.940	50.000	AVERAGE

Note:

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

Site : SR2	Time : 2015/06/16 - 11:42
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-4_0825 - Line2	Power : AC 120V 60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.810	37.770	47.580	-17.597	65.177	QUASIPeAK
2		0.166	9.810	23.610	33.420	-21.757	55.177	AVERAGE
3		0.341	9.817	25.080	34.897	-24.272	59.169	QUASIPeAK
4		0.341	9.817	16.690	26.507	-22.662	49.169	AVERAGE
5		0.470	9.820	25.360	35.180	-21.328	56.508	QUASIPeAK
6	*	0.470	9.820	20.190	30.010	-16.498	46.508	AVERAGE
7		2.599	9.912	5.470	15.382	-40.618	56.000	QUASIPeAK
8		2.599	9.912	0.640	10.552	-35.448	46.000	AVERAGE
9		10.529	10.204	8.220	18.424	-41.576	60.000	QUASIPeAK
10		10.529	10.204	3.390	13.594	-36.406	50.000	AVERAGE
11		25.693	10.590	22.270	32.860	-27.140	60.000	QUASIPeAK
12		25.693	10.590	16.530	27.120	-22.880	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

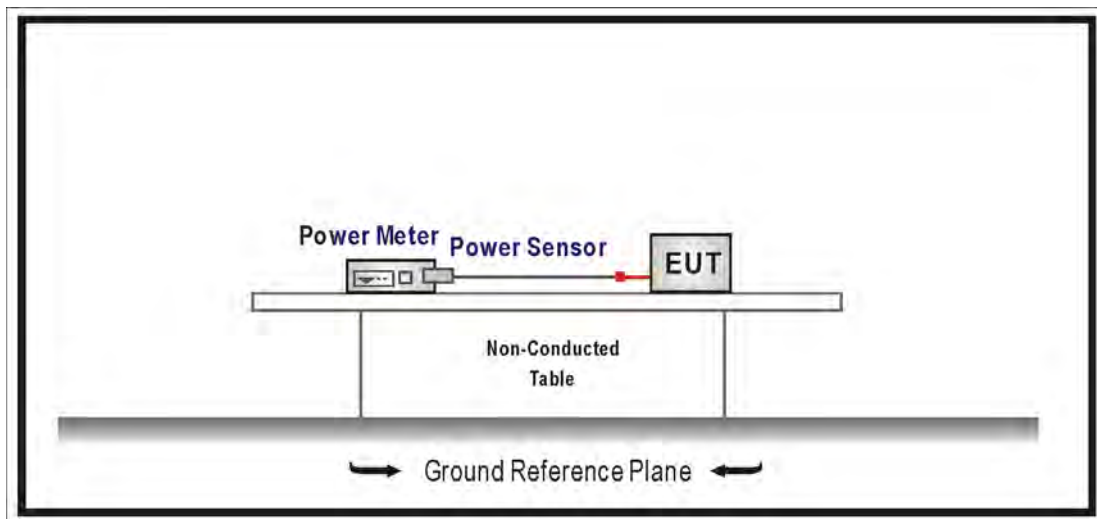
The following test equipments are used during the test:

Peak Power Output / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Power Meter	Agilent	N1911A	MY45101353	2015/10/31

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

3.2. Test Setup



3.3. Test procedures

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

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/11	Test Site	SR7

IEEE 802.11b, ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	20.30	30	Pass
6	2437	21.76	30	Pass
11	2462	21.14	30	Pass

The worst emission of data rate is 1Mbps.

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	20.30	--	--	--	30dBm
6	2437	21.76	21.68	21.55	21.50	30dBm
11	2462	21.14	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/11	Test Site	SR7

IEEE 802.11g, ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.94	30	Pass
6	2437	23.78	30	Pass
11	2462	22.08	30	Pass

The worst emission of data rate is 6 Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
1	2412	23.94	--	--	--	--	--	--	30dBm
6	2437	23.78	23.70	23.65	23.58	23.55	23.49	23.44	30dBm
11	2462	22.08	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/11	Test Site	SR7

IEEE 802.11n (20MHz), ANT 0

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.56	30	Pass
6	2437	23.50	30	Pass
11	2462	21.61	30	Pass

The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	23.56	--	--	--	--	--	--	--	30dBm
6	2437	23.50	23.38	23.28	23.17	22.91	22.79	22.67	22.45	30dBm
11	2462	21.61	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/11	Test Site	SR7

IEEE 802.11n (20MHz), ANT 1

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.50	30	Pass
6	2437	24.18	30	Pass
11	2462	20.58	30	Pass

The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	23.50	--	--	--	--	--	--	--	30dBm
6	2437	24.18	24.08	23.96	23.76	23.52	23.40	23.28	23.02	30dBm
11	2462	20.58	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/11	Test Site	SR7

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

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	26.54	30	Pass
6	2437	26.86	30	Pass
11	2462	24.14	30	Pass

The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
1	2412	26.54	--	--	--	--	--	--	--	30dBm
6	2437	26.86	26.75	26.64	26.49	26.24	26.12	26.00	25.75	30dBm
11	2462	24.14	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/11	Test Site	SR7

IEEE 802.11n (40MHz), ANT 0

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	23.20	30	Pass
6	2437	22.94	30	Pass
9	2452	21.35	30	Pass

The worst emission of data rate is 27 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel	Frequency	Data Rate								
No	(MHz)	27	54	81	108	162	216	243	270	
3	2422	23.20	--	--	--	--	--	--	--	30dBm
6	2437	22.94	22.74	22.52	22.32	22.12	22.00	21.74	21.50	30dBm
9	2452	21.35	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/11	Test Site	SR7

IEEE 802.11n (40MHz), ANT 1

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	23.06	30	Pass
6	2437	23.10	30	Pass
9	2452	19.87	30	Pass

The worst emission of data rate is 27 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
3	2422	23.06	--	--	--	--	--	--	--	30dBm
6	2437	23.10	22.90	22.70	22.57	22.37	22.13	22.01	21.77	30dBm
9	2452	19.87	--	--	--	--	--	--	--	30dBm

Note: Measure Level =Reading value + cable loss

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/11	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	26.14	30	Pass
6	2437	26.03	30	Pass
9	2452	23.68	30	Pass

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
3	2422	26.14	--	--	--	--	--	--	--	30dBm
6	2437	26.03	25.83	25.62	25.46	25.26	25.08	24.89	24.65	30dBm
9	2452	23.68	--	--	--	--	--	--	--	30dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

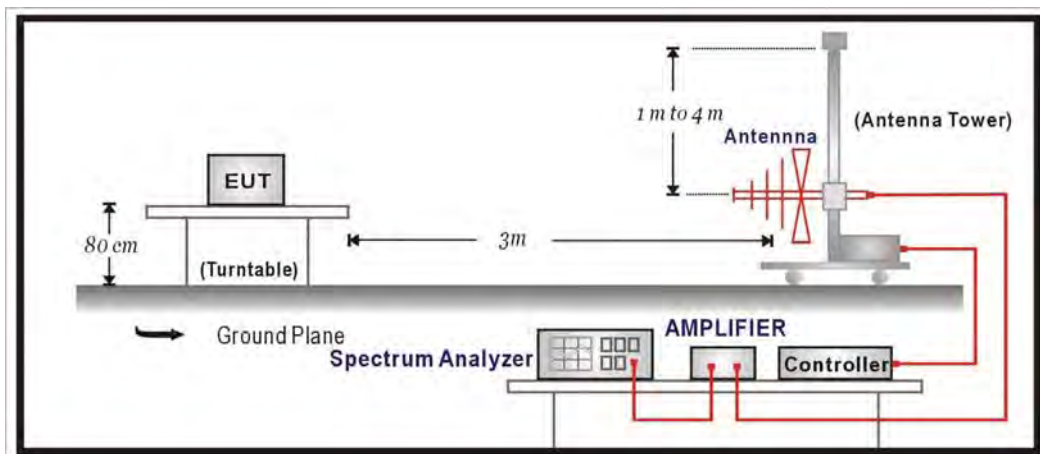
Radiated Emission / CB1

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

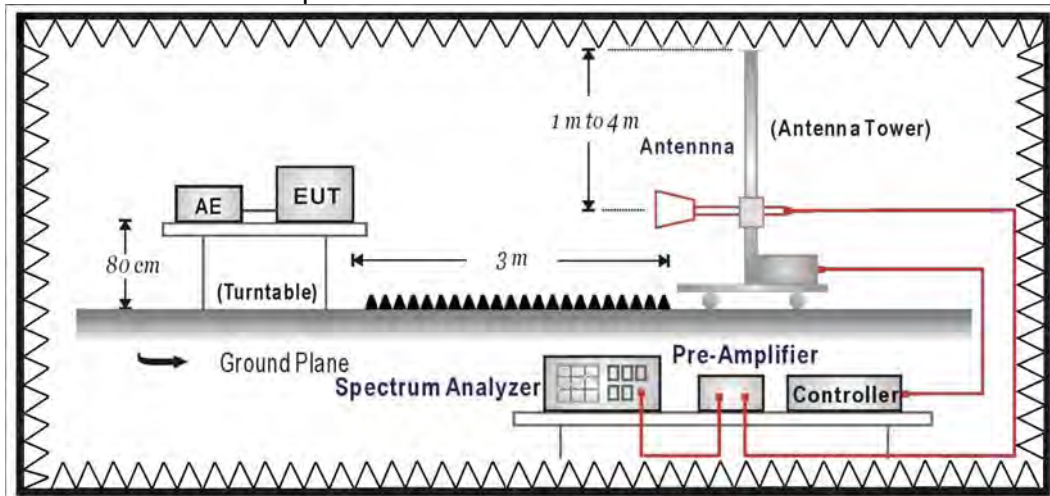
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

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

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

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

4.4. Test Procedure

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

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

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

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

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

4.6. Uncertainty

The measurement uncertainty

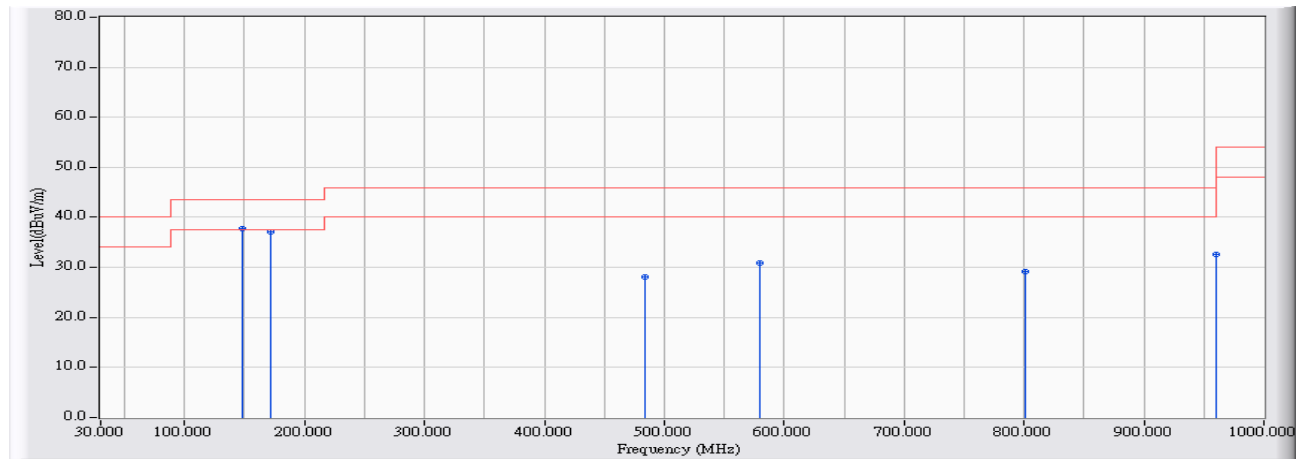
30MHz~1GHz as $\pm 3.43\text{dB}$

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

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	Time : 2015/06/11 - 19:10
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

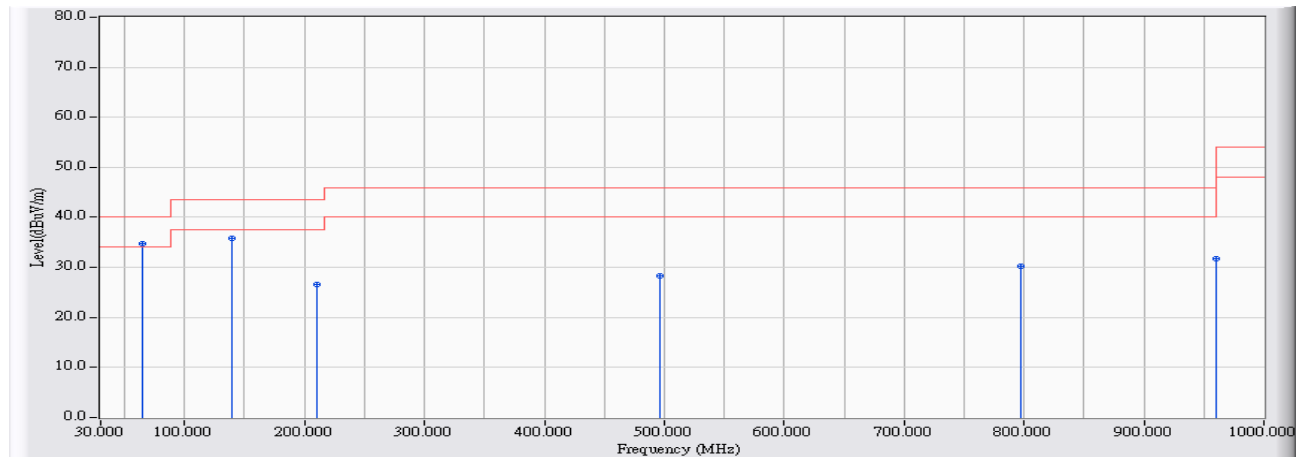


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	147.796	17.400	20.318	37.719	-5.781	43.500	QUASIPeAK
2		172.034	15.725	21.426	37.151	-6.349	43.500	QUASIPeAK
3		483.733	17.558	10.639	28.197	-17.803	46.000	QUASIPeAK
4		579.715	19.308	11.672	30.980	-15.020	46.000	QUASIPeAK
5		800.765	22.333	6.899	29.232	-16.768	46.000	QUASIPeAK
6		959.765	24.024	8.658	32.682	-13.318	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/06/11 - 19:24
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

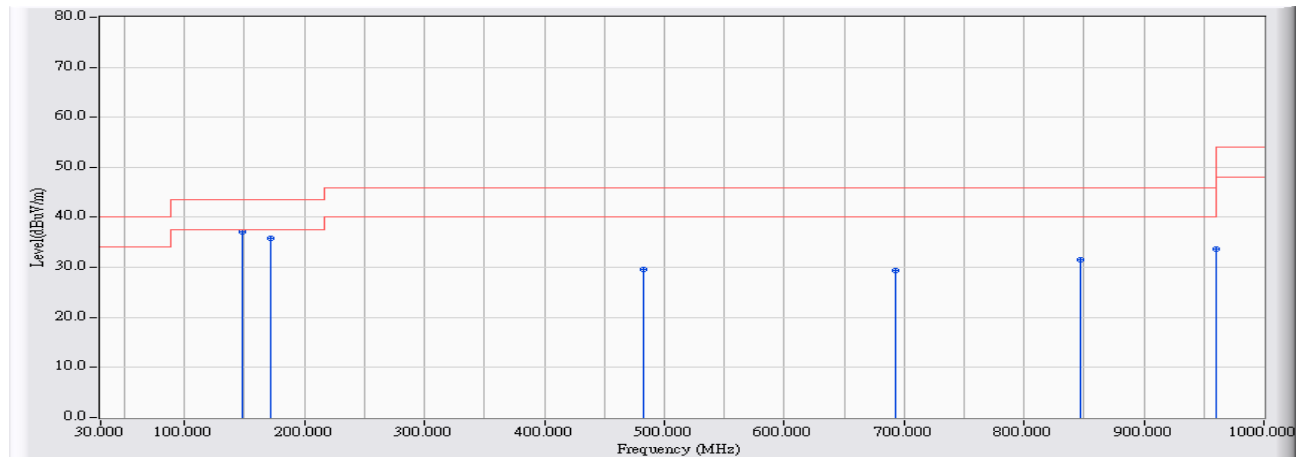


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	64.418	9.805	24.919	34.725	-5.275	40.000	QUASIPeAK
2		139.070	15.891	19.970	35.861	-7.639	43.500	QUASIPeAK
3		210.815	12.370	14.165	26.535	-16.965	43.500	QUASIPeAK
4		496.822	17.715	10.541	28.256	-17.744	46.000	QUASIPeAK
5		797.371	22.290	7.946	30.237	-15.763	46.000	QUASIPeAK
6		959.765	24.024	7.779	31.803	-14.197	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/06/11 - 19:12
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

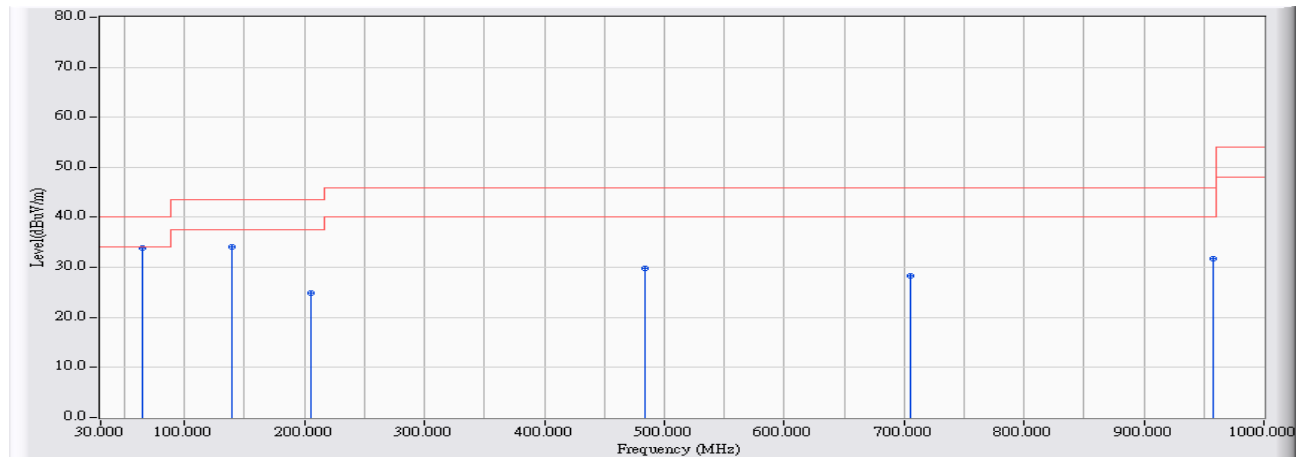


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	147.796	17.400	19.705	37.106	-6.394	43.500	QUASIPeAK
2		172.034	15.725	20.119	35.844	-7.656	43.500	QUASIPeAK
3		482.764	17.546	11.951	29.497	-16.503	46.000	QUASIPeAK
4		692.664	20.962	8.458	29.421	-16.579	46.000	QUASIPeAK
5		847.301	22.858	8.602	31.460	-14.540	46.000	QUASIPeAK
6		959.765	24.024	9.707	33.731	-12.269	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/06/11 - 19:23
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

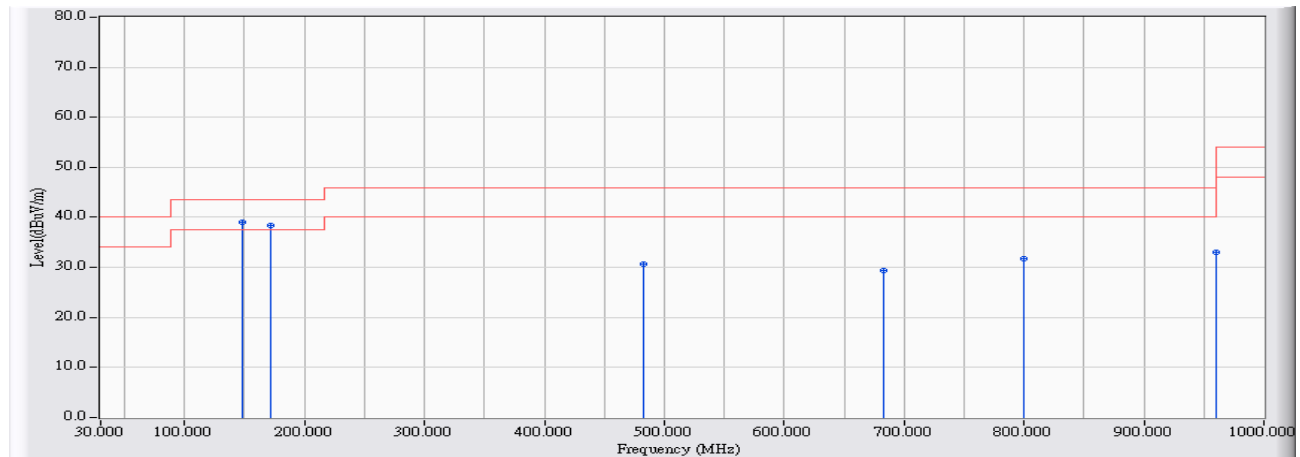


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	64.418	9.805	24.029	33.835	-6.165	40.000	QUASIPeAK
2		139.070	15.891	18.253	34.144	-9.356	43.500	QUASIPeAK
3		205.967	12.435	12.476	24.911	-18.589	43.500	QUASIPeAK
4		483.733	17.558	12.335	29.893	-16.107	46.000	QUASIPeAK
5		705.752	21.135	7.186	28.321	-17.679	46.000	QUASIPeAK
6		957.826	24.005	7.844	31.849	-14.151	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/06/11 - 19:14
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

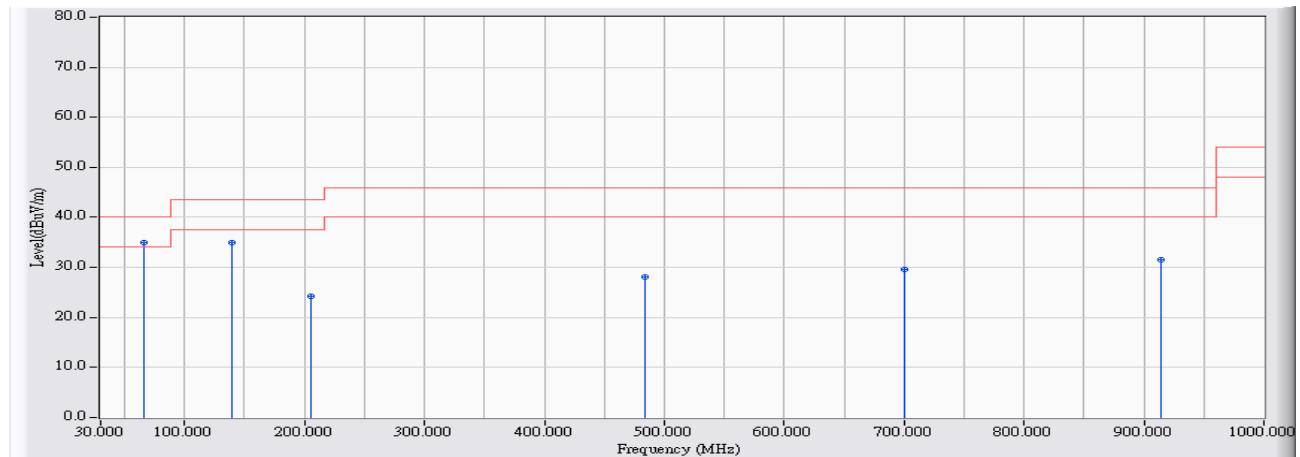


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	147.796	17.400	21.542	38.943	-4.557	43.500	QUASIPeAK
2		172.034	15.725	22.704	38.429	-5.071	43.500	QUASIPeAK
3		483.248	17.552	13.092	30.644	-15.356	46.000	QUASIPeAK
4		682.969	20.831	8.644	29.475	-16.525	46.000	QUASIPeAK
5		799.795	22.321	9.518	31.839	-14.161	46.000	QUASIPeAK
6		959.765	24.024	9.010	33.034	-12.966	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/06/11 - 19:21
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

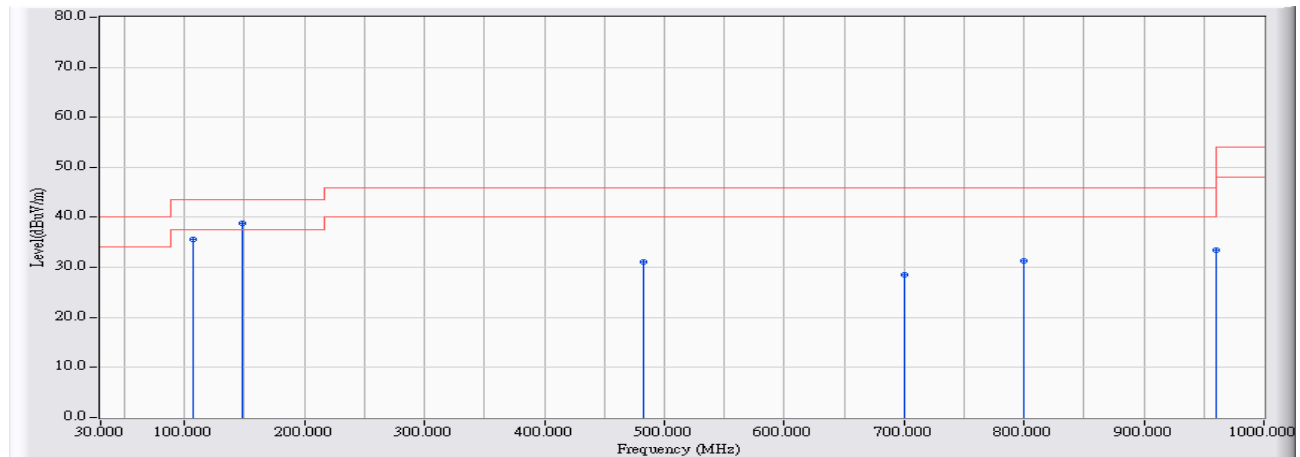


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.872	9.365	25.545	34.909	-5.091	40.000	QUASIPeAK
2		139.070	15.891	18.989	34.880	-8.620	43.500	QUASIPeAK
3		205.967	12.435	11.838	24.273	-19.227	43.500	QUASIPeAK
4		483.733	17.558	10.451	28.009	-17.991	46.000	QUASIPeAK
5		699.935	21.061	8.583	29.644	-16.356	46.000	QUASIPeAK
6		914.683	23.593	7.919	31.512	-14.488	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/06/11 - 19:16
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

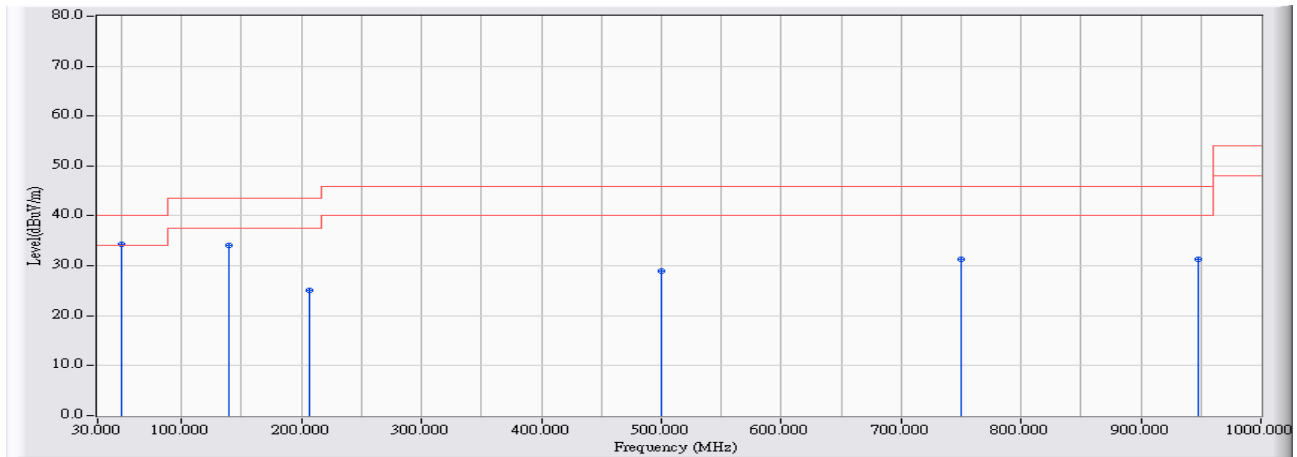


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		106.592	12.558	23.131	35.689	-7.811	43.500	QUASIPeAK
2	*	147.796	17.400	21.375	38.776	-4.724	43.500	QUASIPeAK
3		483.248	17.552	13.569	31.121	-14.879	46.000	QUASIPeAK
4		700.420	21.068	7.457	28.525	-17.475	46.000	QUASIPeAK
5		799.795	22.321	9.094	31.415	-14.585	46.000	QUASIPeAK
6		959.765	24.024	9.471	33.495	-12.505	46.000	QUASIPeAK

Note:

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

Site : CB1	Time : 2015/06/11 - 19:19
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz



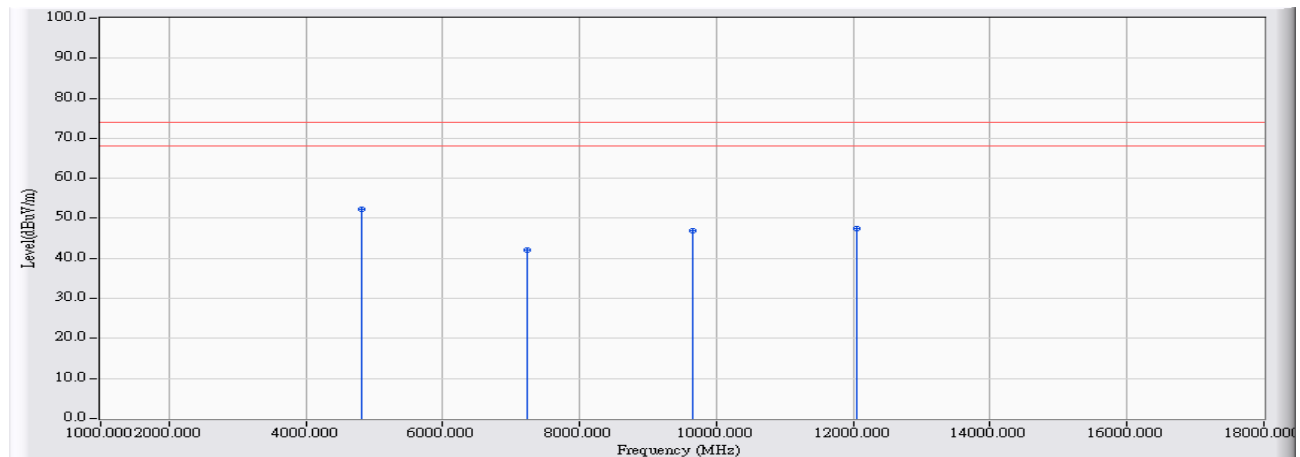
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	50.360	11.674	22.664	34.337	-5.663	40.000	QUASIPeAK
2		139.070	15.891	18.253	34.144	-9.356	43.500	QUASIPeAK
3		206.452	12.428	12.734	25.162	-18.338	43.500	QUASIPeAK
4		499.730	17.750	11.273	29.023	-16.977	46.000	QUASIPeAK
5		749.865	21.691	9.718	31.409	-14.591	46.000	QUASIPeAK
6		947.161	23.903	7.315	31.218	-14.782	46.000	QUASIPeAK

Note:

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

Above 1GHz Spurious

Site : CB1	Time : 2015/06/04 - 16:55
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2412MHz

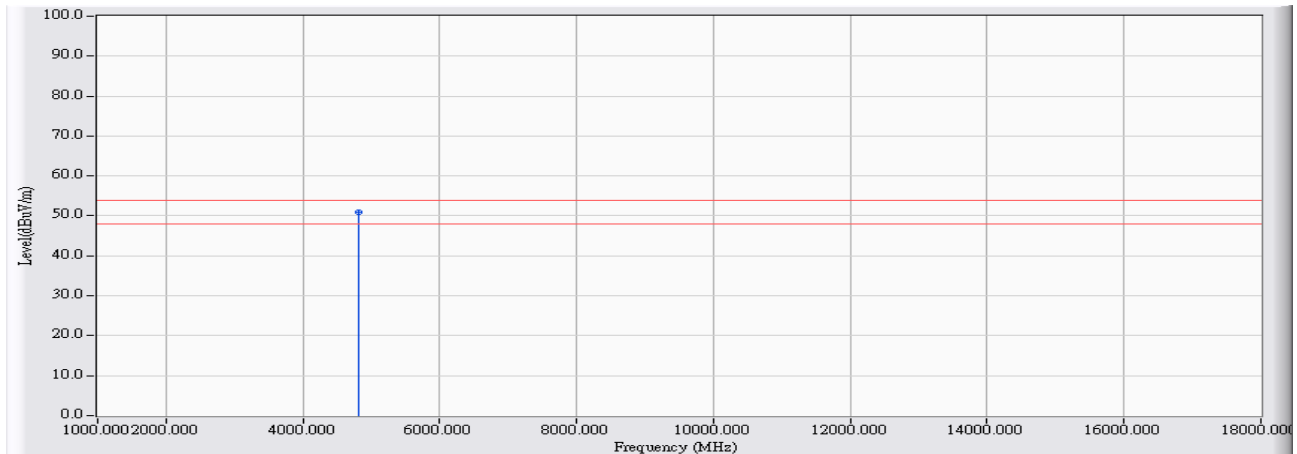


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-7.036	59.196	52.160	-21.840	74.000	PEAK
2		7236.000	-0.773	42.833	42.060	-31.940	74.000	PEAK
3		9648.000	5.030	41.793	46.823	-27.177	74.000	PEAK
4		12060.000	8.356	39.141	47.498	-26.502	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 16:53
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2412MHz

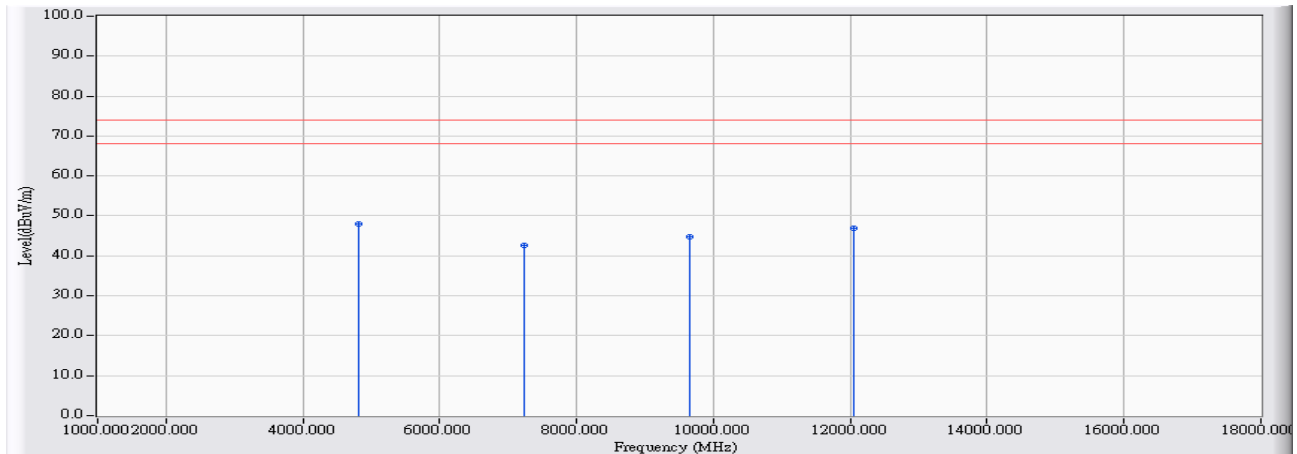


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-7.036	57.890	50.854	-3.146	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/04 - 17:06
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2412MHz

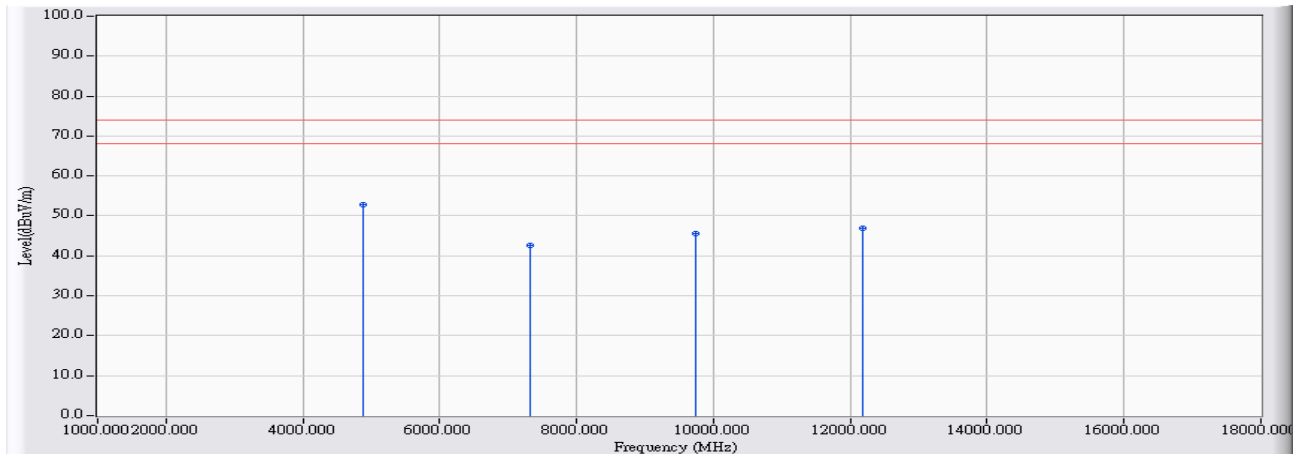


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-9.336	57.248	47.912	-26.088	74.000	PEAK
2		7236.000	0.177	42.501	42.678	-31.322	74.000	PEAK
3		9648.000	4.197	40.699	44.896	-29.104	74.000	PEAK
4		12060.000	8.101	38.890	46.992	-27.008	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 15:59
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

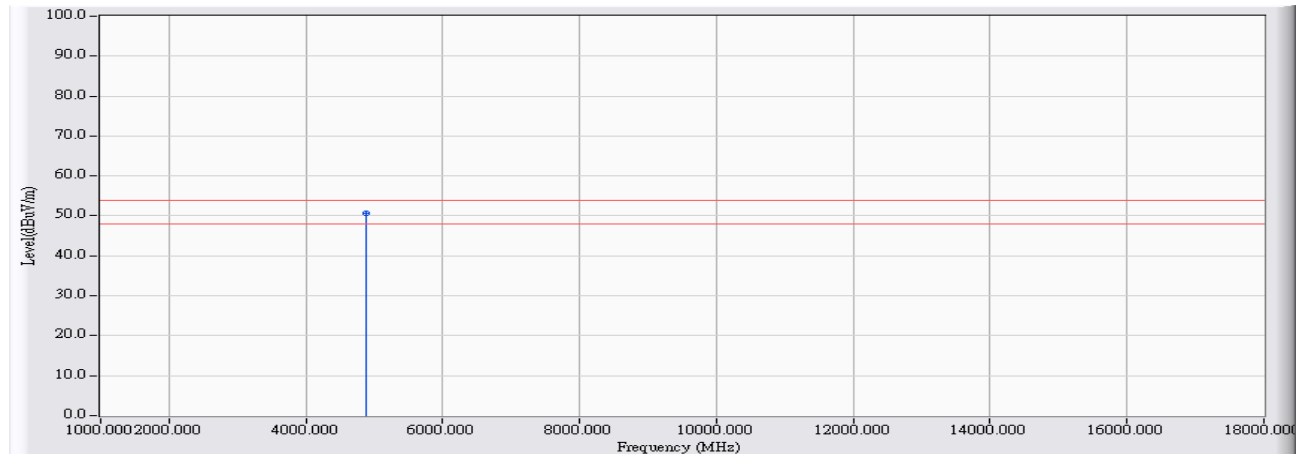


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-6.975	59.715	52.740	-21.260	74.000	PEAK
2		7311.000	-0.604	43.352	42.748	-31.252	74.000	PEAK
3		9748.000	5.440	40.147	45.587	-28.413	74.000	PEAK
4		12185.000	8.363	38.644	47.008	-26.992	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 16:02
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

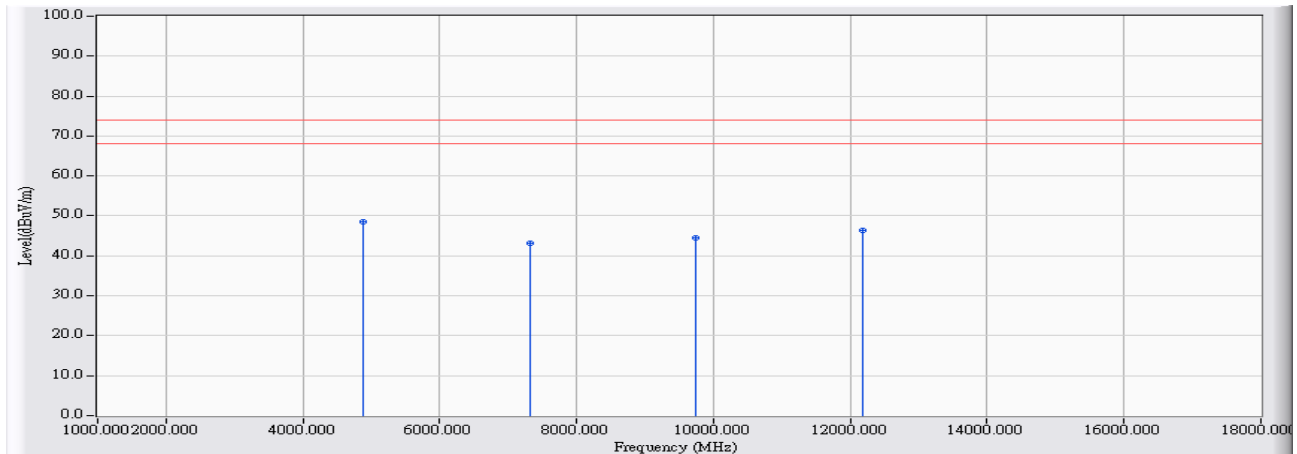


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-6.975	57.644	50.669	-3.331	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/04 - 16:10
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

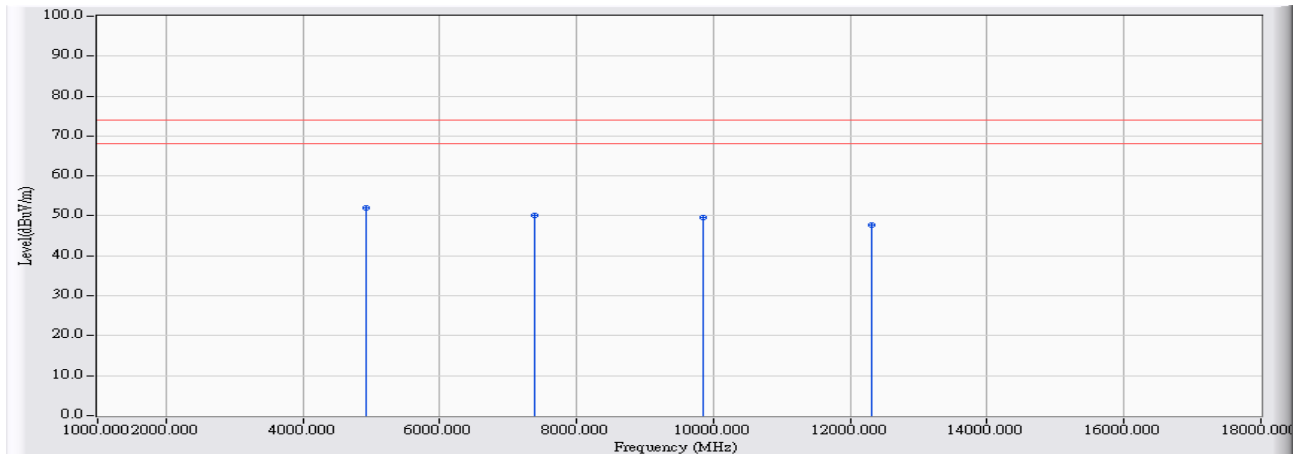


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-9.070	57.616	48.545	-25.455	74.000	PEAK
2		7311.000	0.373	42.837	43.210	-30.790	74.000	PEAK
3		9748.000	4.652	39.818	44.470	-29.530	74.000	PEAK
4		12185.000	8.017	38.366	46.384	-27.616	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 17:24
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2462MHz

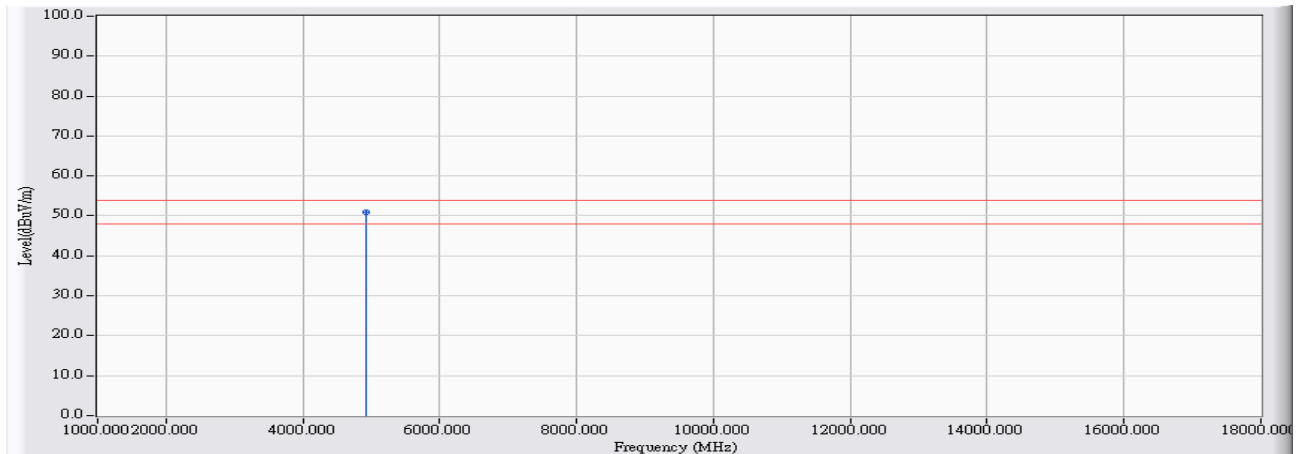


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-6.913	58.883	51.970	-22.030	74.000	PEAK
2		7386.000	-0.433	50.458	50.025	-23.975	74.000	PEAK
3		9848.000	5.834	43.715	49.548	-24.452	74.000	PEAK
4		12310.000	8.344	39.337	47.681	-26.319	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 17:26
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2462MHz

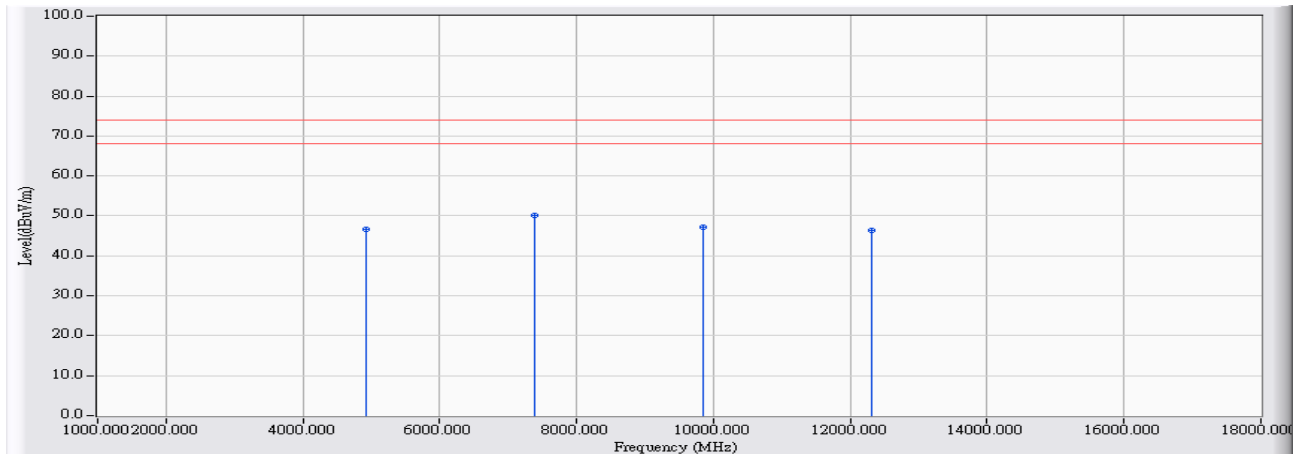


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	-6.913	57.860	50.947	-3.053	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/04 - 17:33
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2462MHz

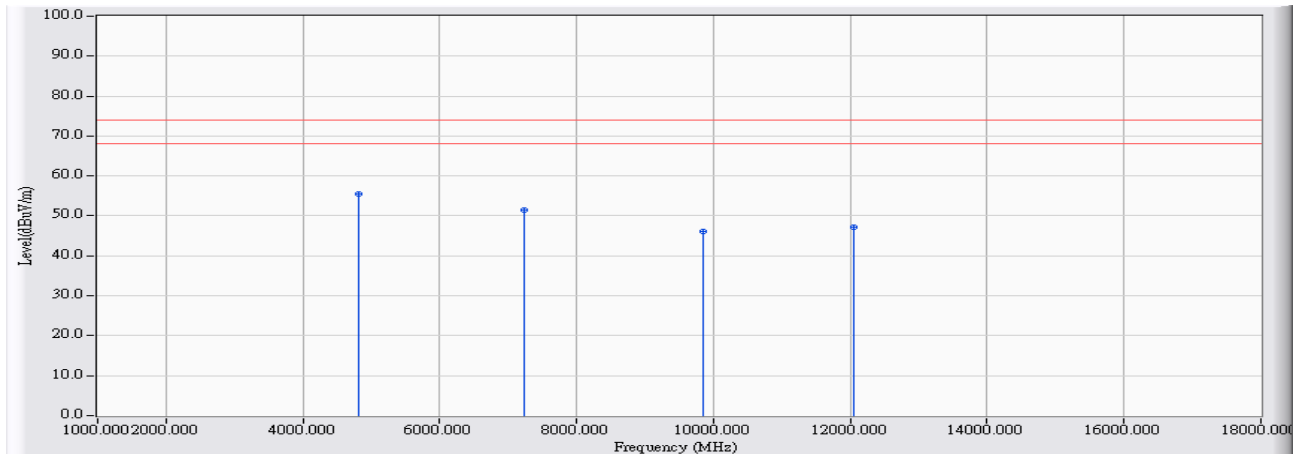


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-8.805	55.555	46.750	-27.250	74.000	PEAK
2	*	7386.000	0.574	49.541	50.116	-23.884	74.000	PEAK
3		9848.000	5.091	42.153	47.243	-26.757	74.000	PEAK
4		12310.000	7.907	38.393	46.300	-27.700	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 17:47
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2412MHz

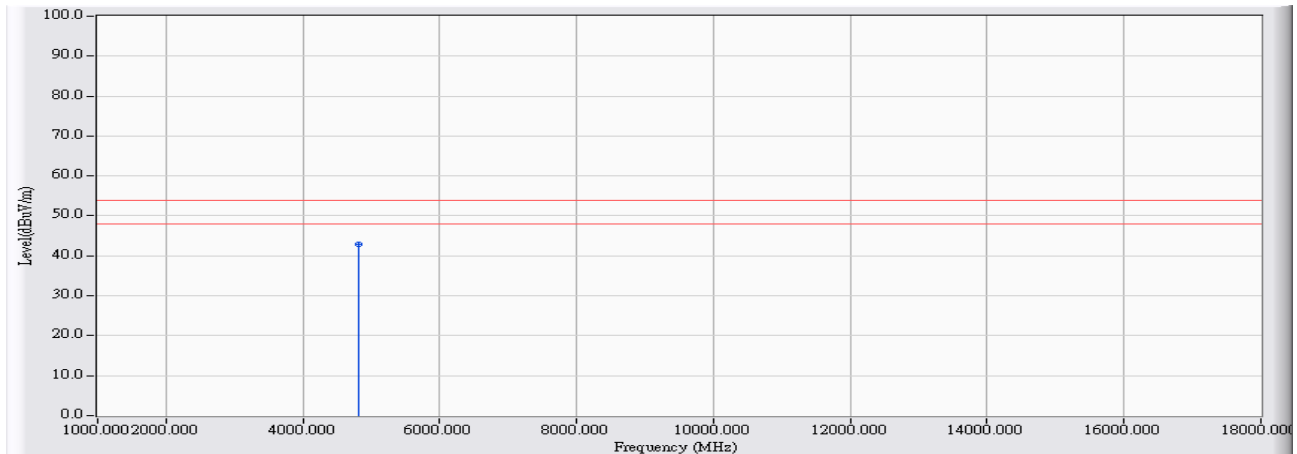


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-7.036	62.540	55.504	-18.496	74.000	PEAK
2		7236.000	-0.773	52.202	51.429	-22.571	74.000	PEAK
3		9848.000	5.834	40.290	46.123	-27.877	74.000	PEAK
4		12060.000	8.356	38.880	47.237	-26.763	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 11:24
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2412MHz

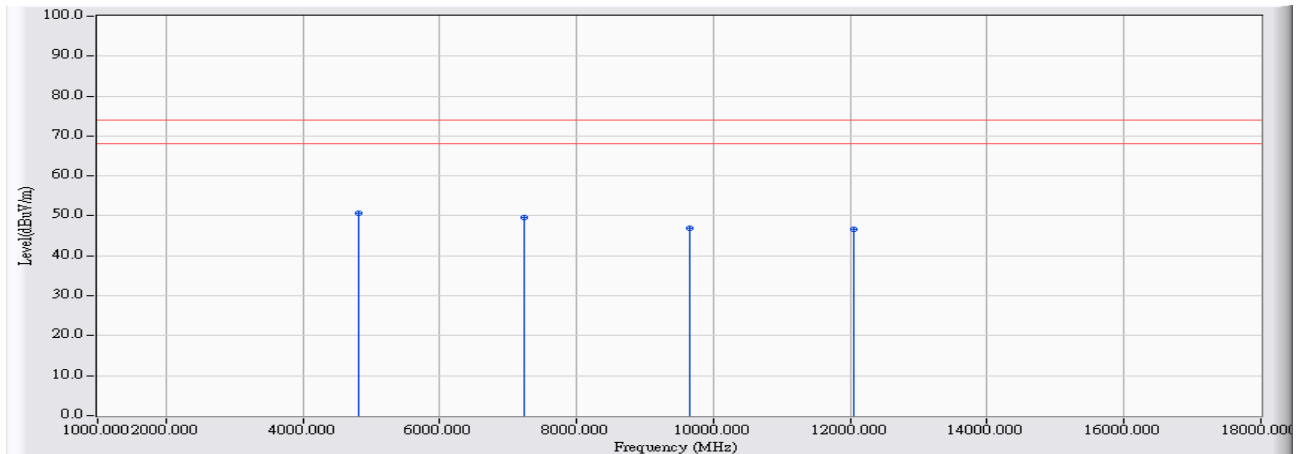


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-7.036	49.900	42.864	-11.136	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/04 - 17:41
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2412MHz

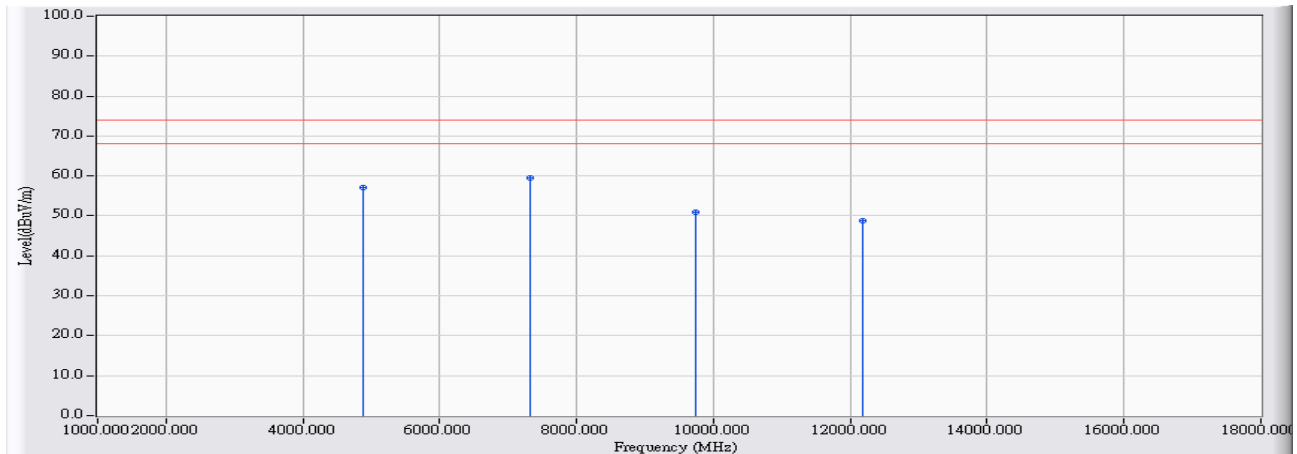


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-9.336	59.879	50.543	-23.457	74.000	PEAK
2		7236.000	0.177	49.326	49.503	-24.497	74.000	PEAK
3		9648.000	4.197	42.731	46.928	-27.072	74.000	PEAK
4		12060.000	8.101	38.543	46.645	-27.355	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 16:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

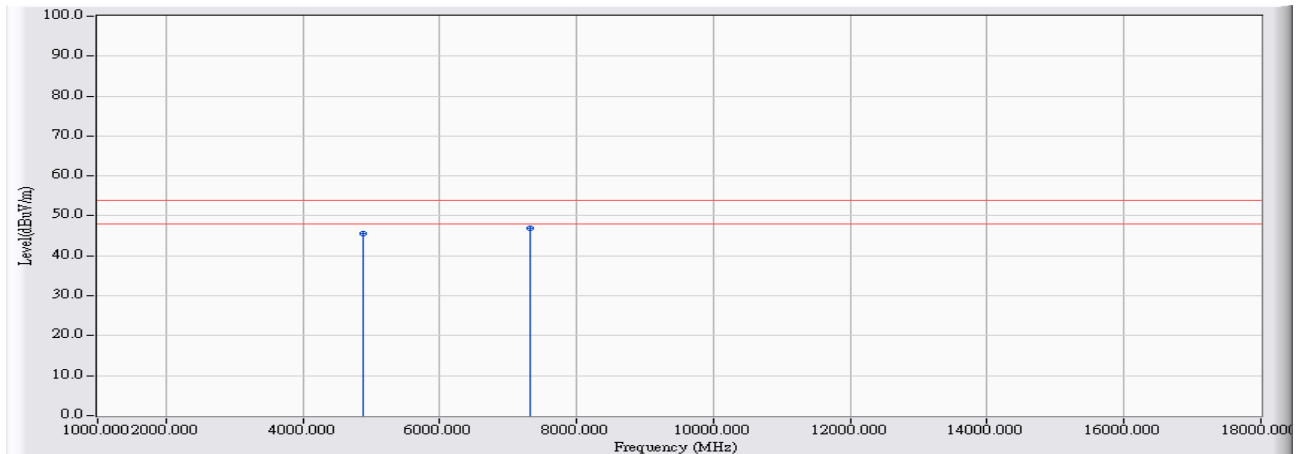


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-6.975	63.967	56.992	-17.008	74.000	PEAK
2	*	7311.000	-0.604	60.175	59.571	-14.429	74.000	PEAK
3		9748.000	5.440	45.532	50.972	-23.028	74.000	PEAK
4		12185.000	8.363	40.296	48.660	-25.340	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 16:22
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

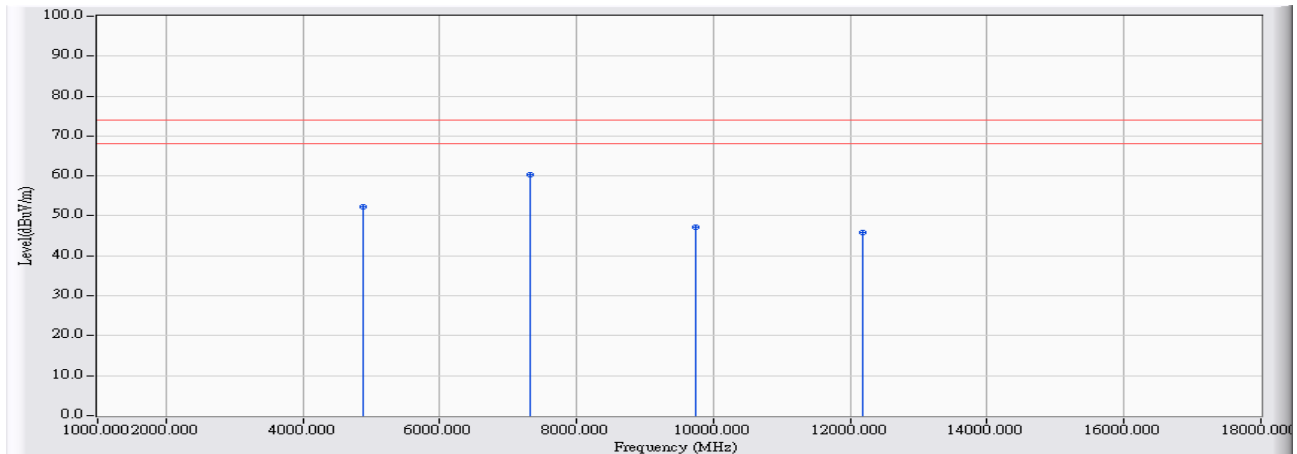


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-6.975	52.520	45.545	-8.455	54.000	AVERAGE
2	*	7311.000	-0.604	47.624	47.020	-6.980	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/04 - 16:31
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

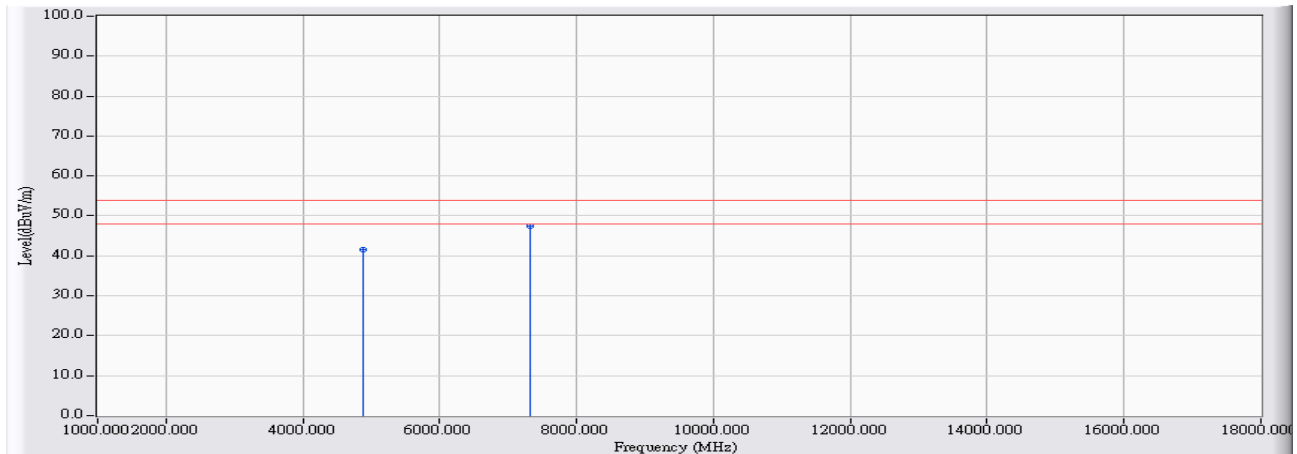


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-9.070	61.432	52.361	-21.639	74.000	PEAK
2	*	7311.000	0.373	59.866	60.239	-13.761	74.000	PEAK
3		9748.000	4.652	42.547	47.199	-26.801	74.000	PEAK
4		12185.000	8.017	37.941	45.959	-28.041	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 16:32
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

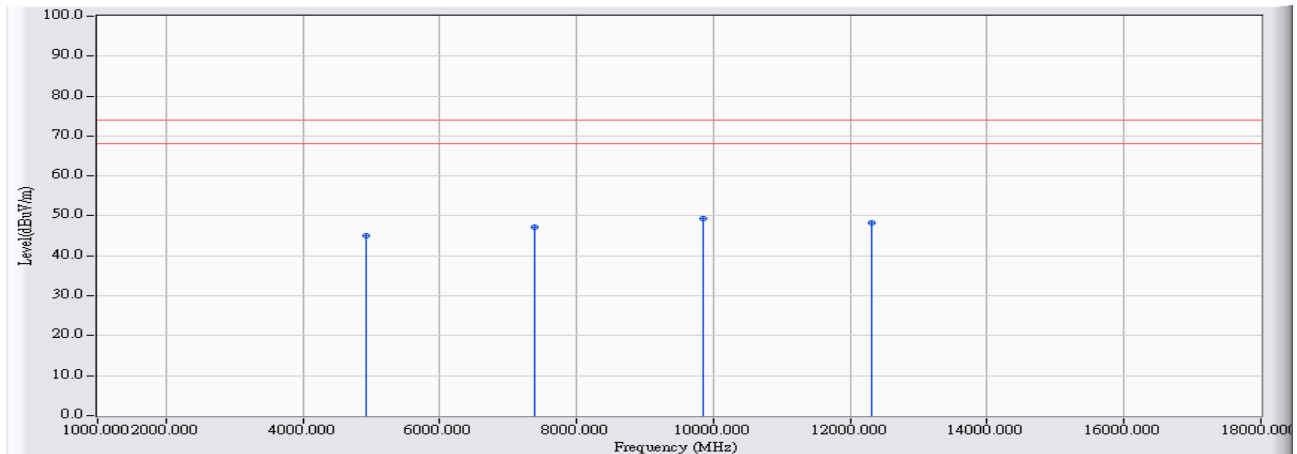


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-9.070	50.513	41.442	-12.558	54.000	AVERAGE
2	*	7311.000	0.373	47.010	47.383	-6.617	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/09 - 19:55
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2462MHz

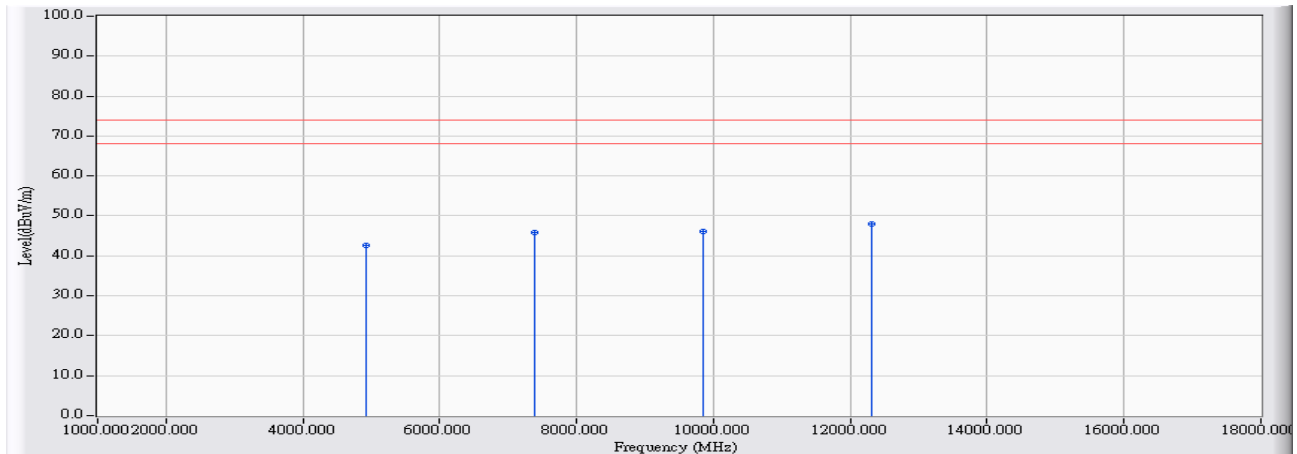


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-6.913	51.888	44.975	-29.025	74.000	PEAK
2	7386.000	-0.433	47.706	47.273	-26.727	74.000	PEAK
3	* 9848.000	5.834	43.434	49.267	-24.733	74.000	PEAK
4	12310.000	8.344	39.888	48.232	-25.768	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/09 - 19:40
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2462MHz

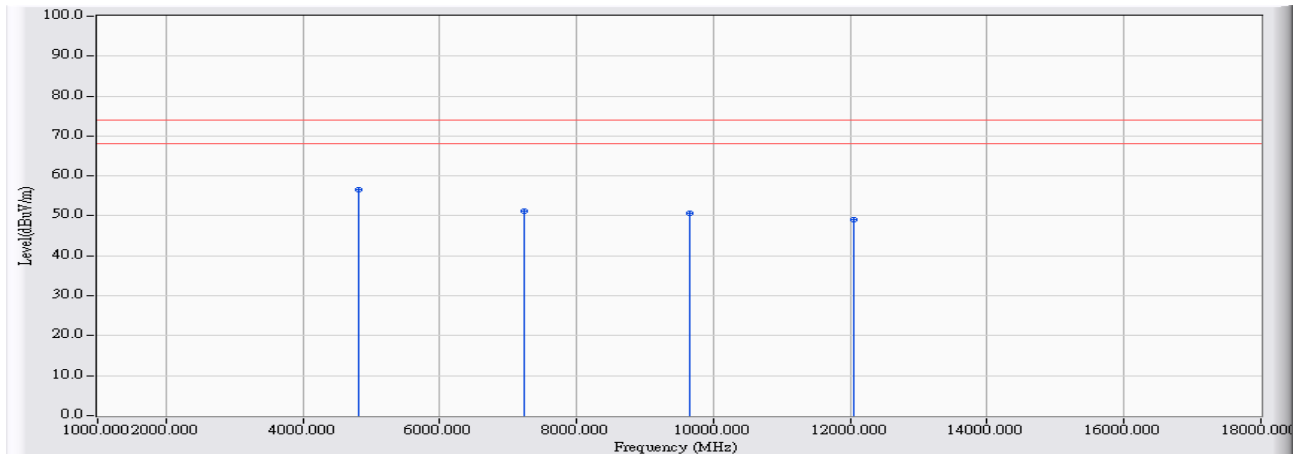


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-8.805	51.450	42.645	-31.355	74.000	PEAK
2		7386.000	0.574	45.363	45.938	-28.062	74.000	PEAK
3		9848.000	5.091	41.116	46.206	-27.794	74.000	PEAK
4	*	12310.000	7.907	40.064	47.971	-26.029	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 13:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2412MHz

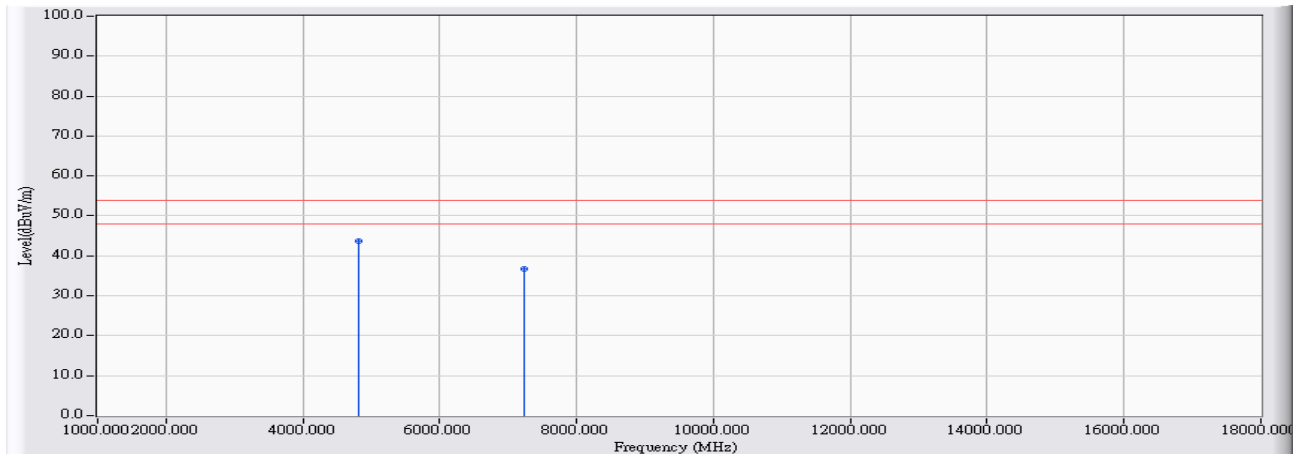


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4824.000	-7.036	63.550	56.514	-17.486	74.000	PEAK
2	7236.000	-0.773	52.030	51.257	-22.743	74.000	PEAK
3	* 9648.000	5.030	45.590	50.620	-23.380	74.000	PEAK
4	12060.000	8.356	40.830	49.187	-24.813	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 13:20
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2412MHz

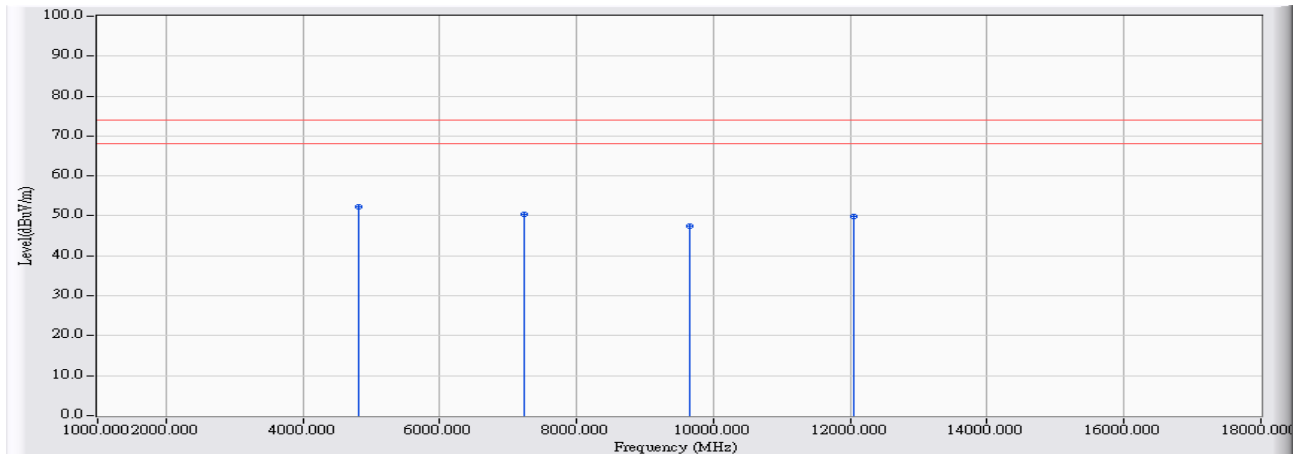


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-7.036	50.740	43.704	-10.296	54.000	AVERAGE
2		7236.000	-0.773	37.480	36.707	-17.293	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/08 - 13:15
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2412MHz

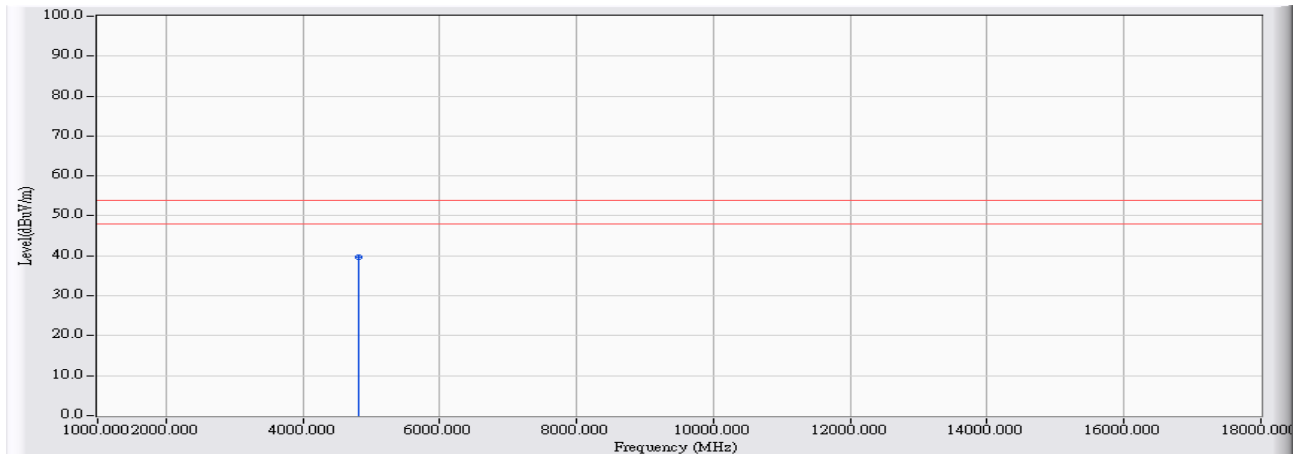


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-9.336	61.530	52.194	-21.806	74.000	PEAK
2		7236.000	0.177	50.350	50.527	-23.473	74.000	PEAK
3		9648.000	4.197	43.380	47.577	-26.423	74.000	PEAK
4		12060.000	8.101	41.790	49.892	-24.108	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 13:16
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2412MHz

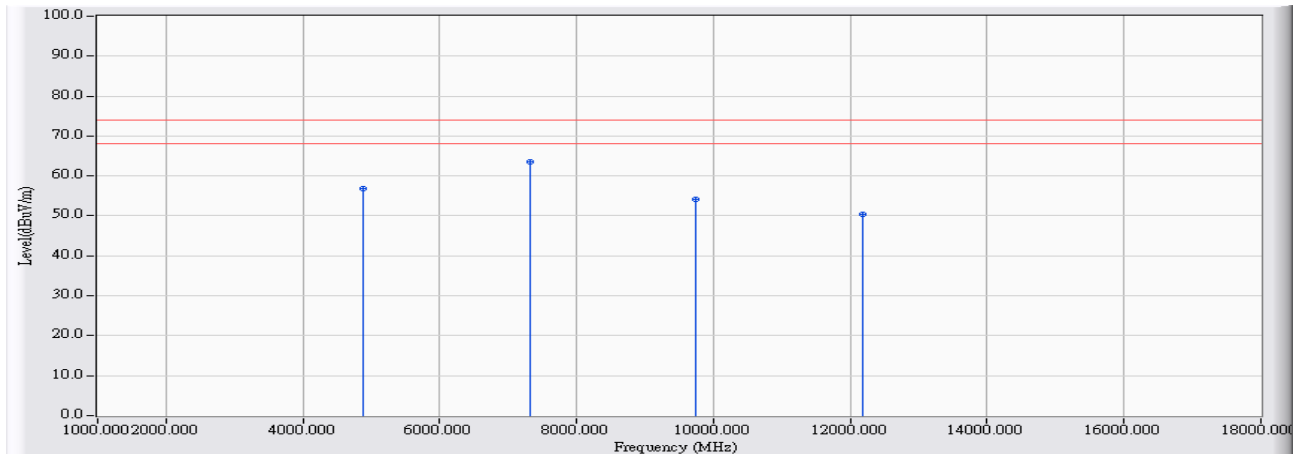


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	-9.336	48.970	39.634	-14.366	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/08 - 11:54
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

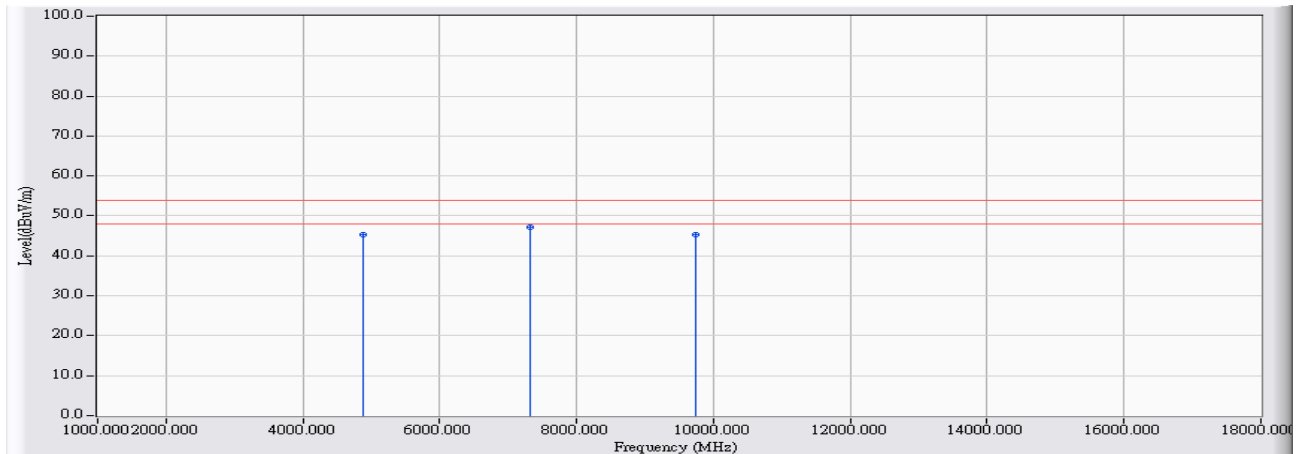


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-6.975	63.720	56.745	-17.255	74.000	PEAK
2	*	7311.000	-0.604	64.180	63.576	-10.424	74.000	PEAK
3		9748.000	5.440	48.740	54.180	-19.820	74.000	PEAK
4		12185.000	8.363	42.140	50.504	-23.496	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 11:33
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

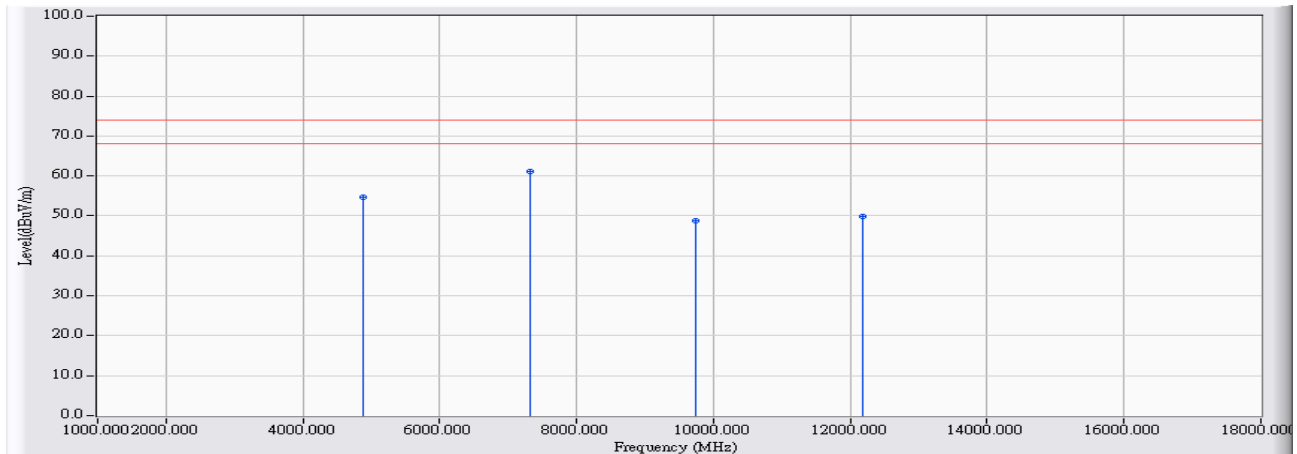


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-6.975	52.230	45.255	-8.745	54.000	AVERAGE
2	*	7311.000	-0.604	47.870	47.266	-6.734	54.000	AVERAGE
3		9748.000	5.440	39.940	45.380	-8.620	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/08 - 12:27
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

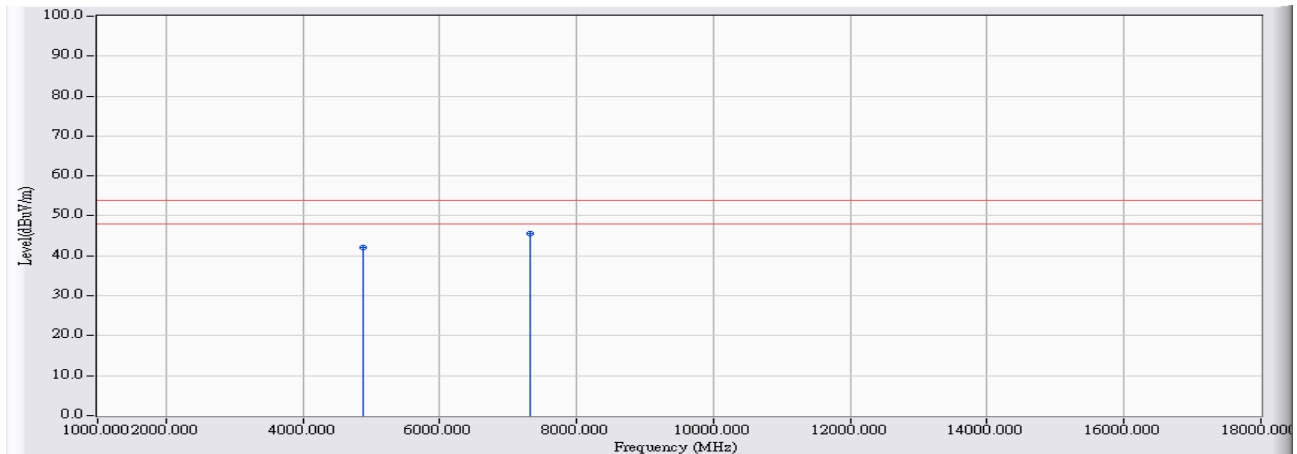


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-9.070	63.870	54.799	-19.201	74.000	PEAK
2	*	7311.000	0.373	60.710	61.083	-12.917	74.000	PEAK
3		9748.000	4.652	44.230	48.882	-25.118	74.000	PEAK
4		12185.000	8.017	41.790	49.808	-24.192	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 13:07
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

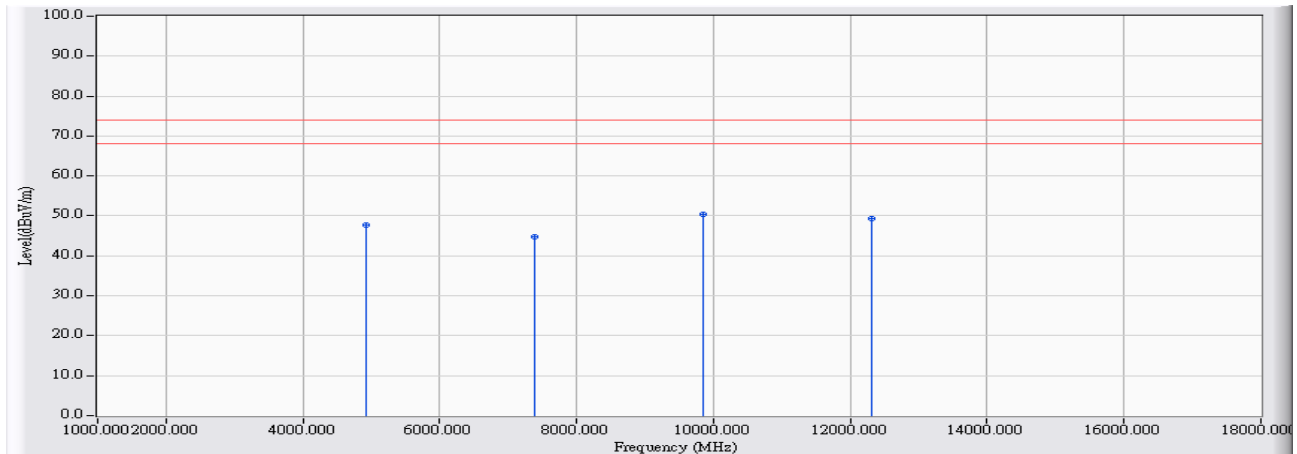


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-9.070	51.080	42.009	-11.991	54.000	AVERAGE
2	*	7311.000	0.373	45.090	45.463	-8.537	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/08 - 13:28
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2462MHz

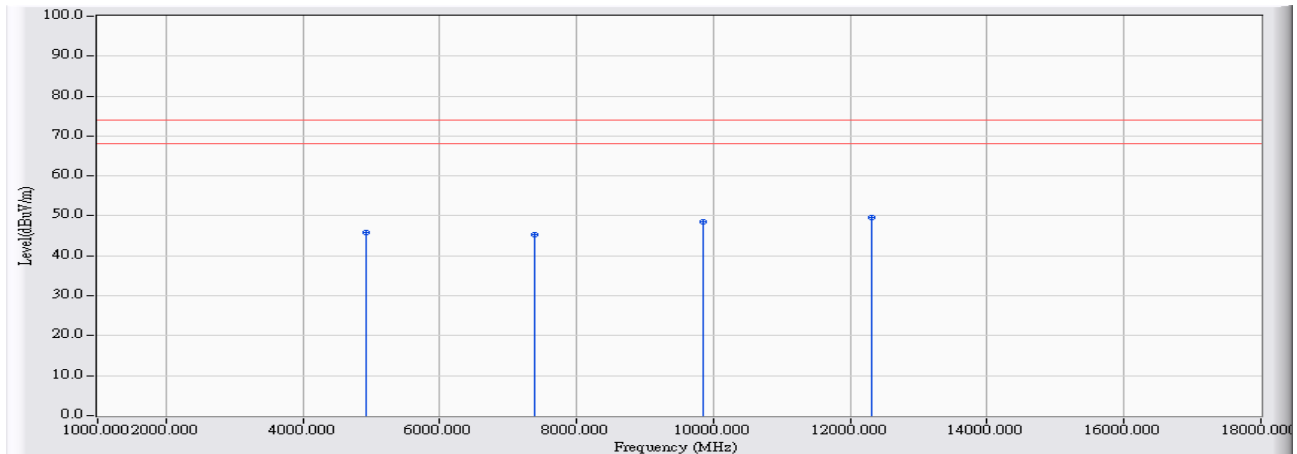


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4924.000	-6.913	54.580	47.667	-26.333	74.000	PEAK
2	7386.000	-0.433	45.260	44.827	-29.173	74.000	PEAK
3	* 9848.000	5.834	44.540	50.373	-23.627	74.000	PEAK
4	12310.000	8.344	41.030	49.374	-24.626	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 13:37
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2462MHz

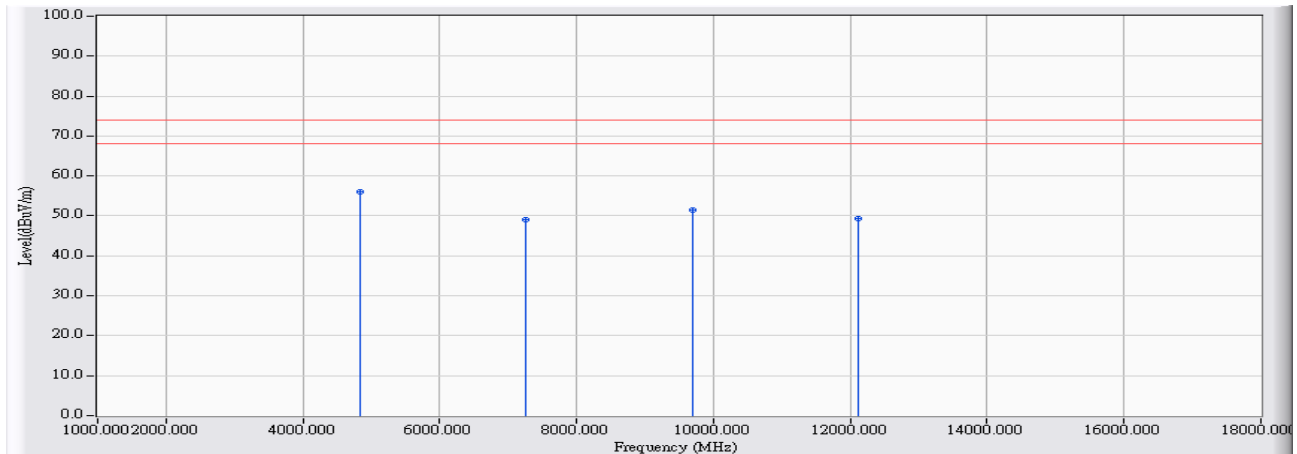


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-8.805	54.730	45.925	-28.075	74.000	PEAK
2		7386.000	0.574	44.800	45.375	-28.625	74.000	PEAK
3		9848.000	5.091	43.560	48.650	-25.350	74.000	PEAK
4	*	12310.000	7.907	41.730	49.637	-24.363	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 14:47
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2422MHz

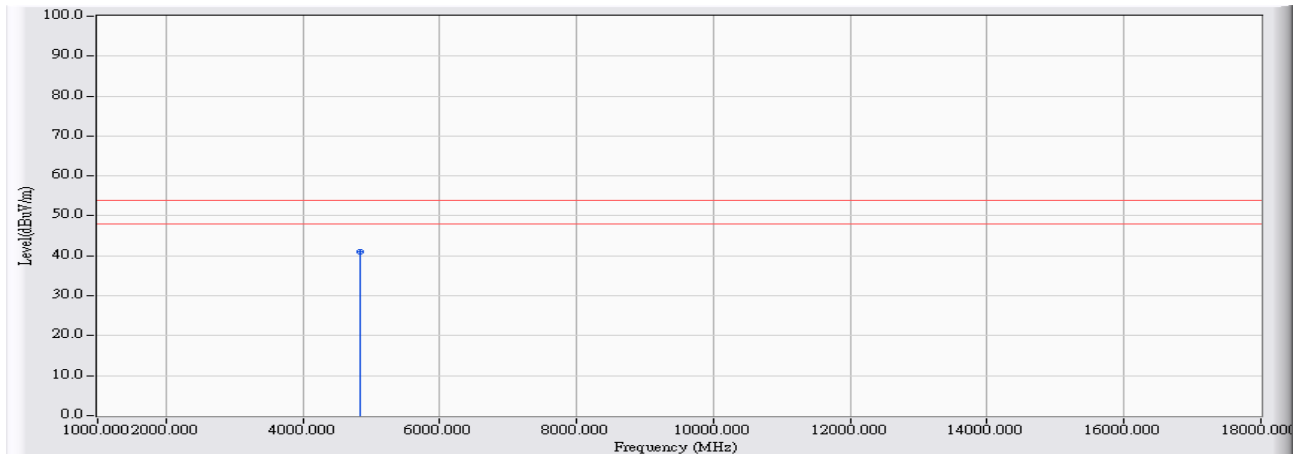


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4844.000	-7.011	63.150	56.138	-17.862	74.000	PEAK
2		7266.000	-0.706	49.850	49.145	-24.855	74.000	PEAK
3		9688.000	5.200	46.270	51.470	-22.530	74.000	PEAK
4		12110.000	8.362	41.030	49.392	-24.608	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 14:48
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2422MHz

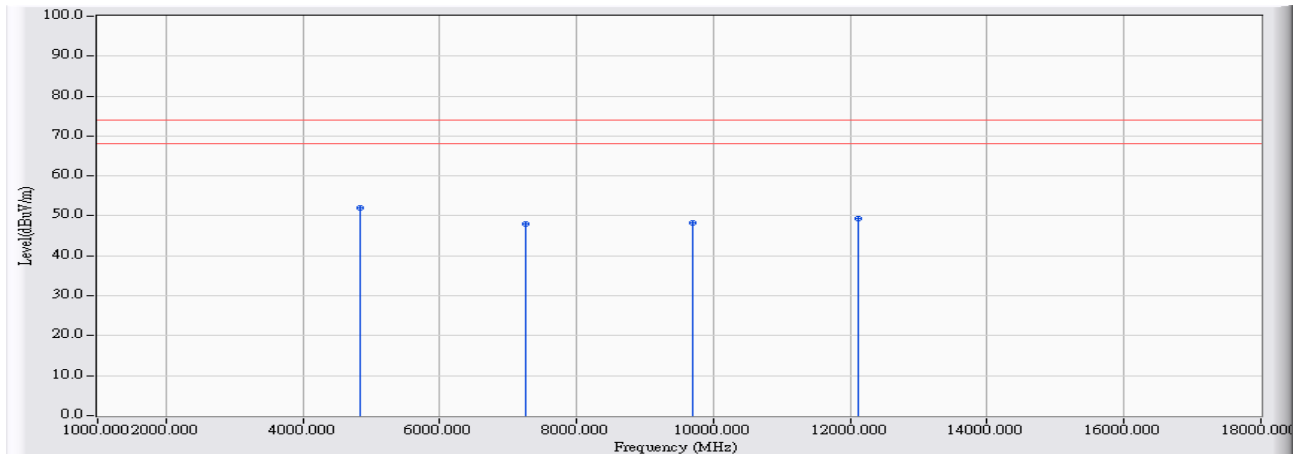


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4844.000	-7.011	47.990	40.978	-13.022	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/08 - 14:55
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2422MHz

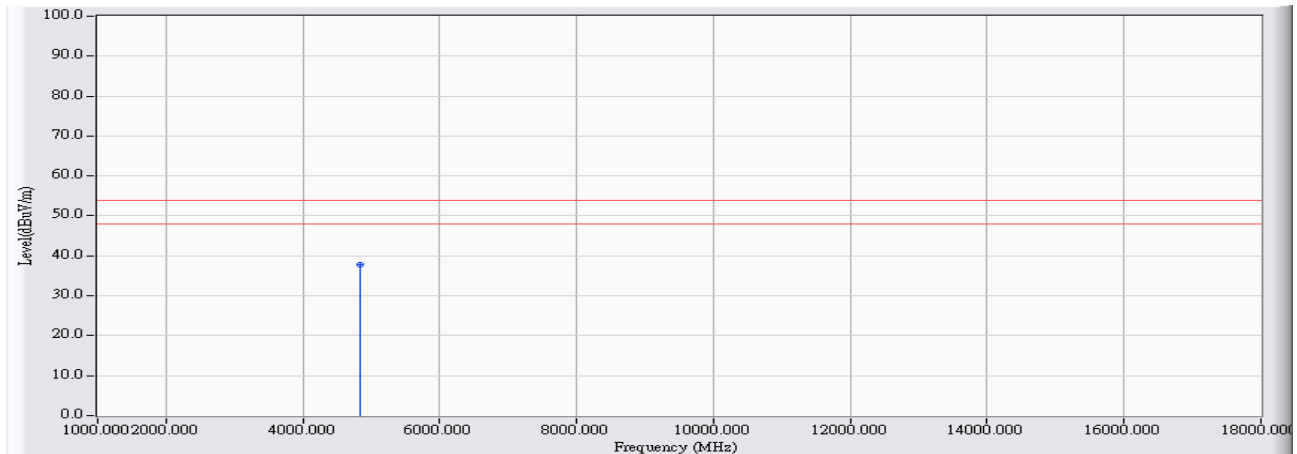


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4844.000	-9.230	61.180	51.950	-22.050	74.000	PEAK
2		7266.000	0.255	47.860	48.116	-25.884	74.000	PEAK
3		9688.000	4.385	43.810	48.195	-25.805	74.000	PEAK
4		12110.000	8.070	41.240	49.311	-24.689	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	Time : 2015/06/08 - 14:56
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2422MHz

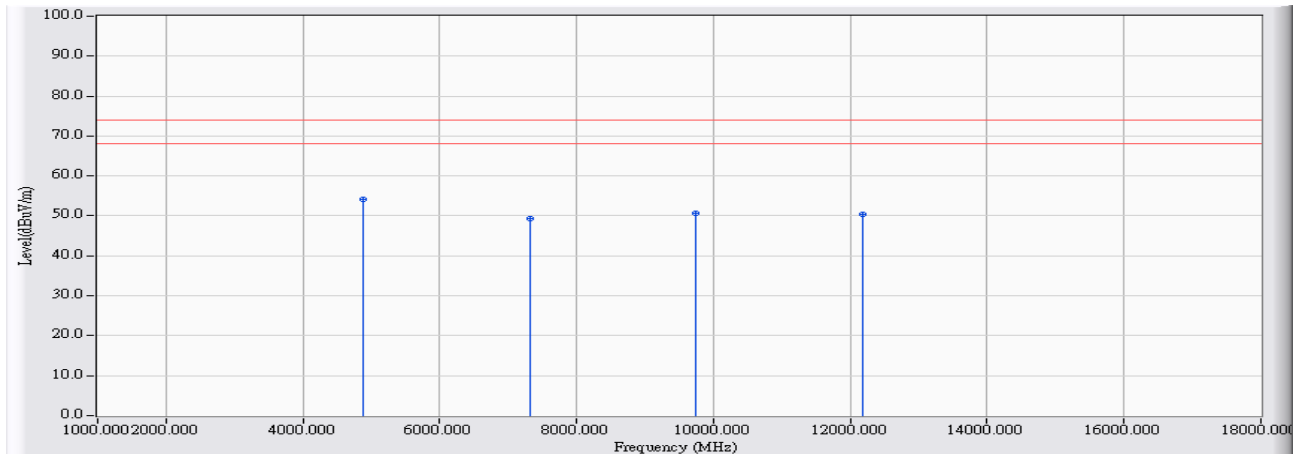


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4844.000	-9.230	47.110	37.880	-16.120	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/08 - 15:11
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

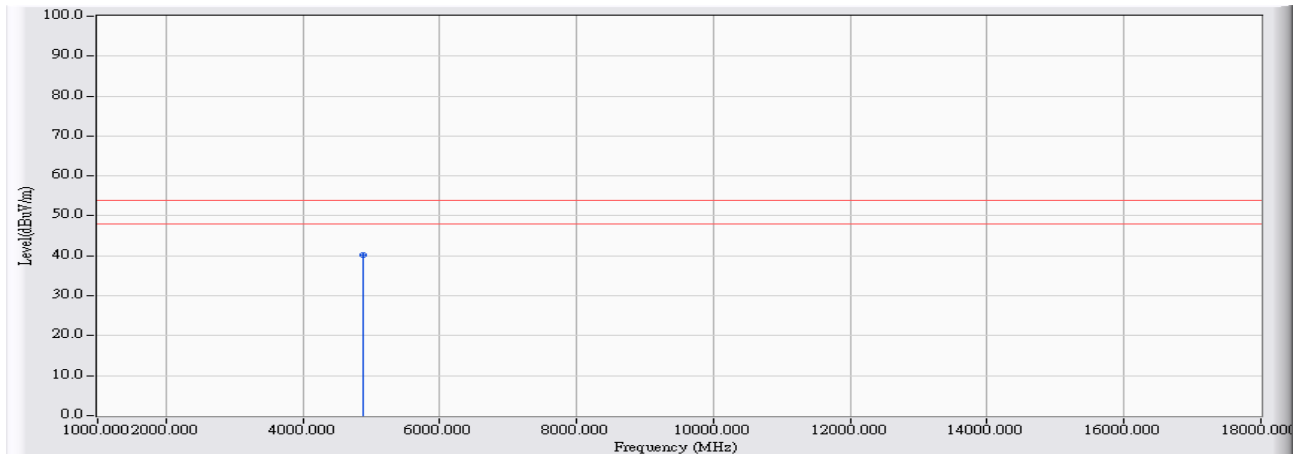


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-6.975	61.130	54.155	-19.845	74.000	PEAK
2		7311.000	-0.604	49.840	49.236	-24.764	74.000	PEAK
3		9748.000	5.440	45.180	50.620	-23.380	74.000	PEAK
4		12185.000	8.363	41.950	50.314	-23.686	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 15:13
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

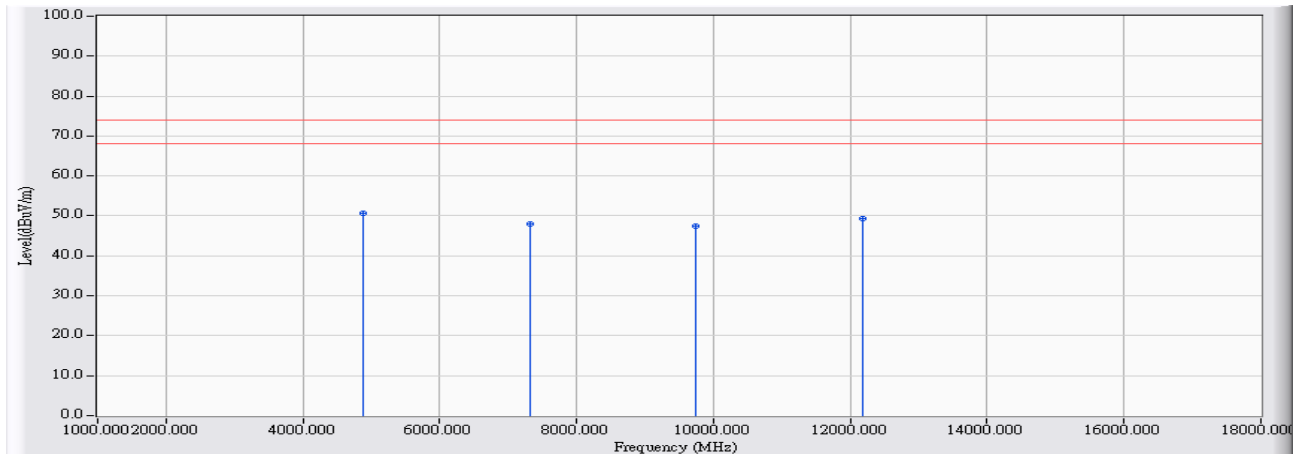


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-6.975	47.240	40.265	-13.735	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/08 - 15:04
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

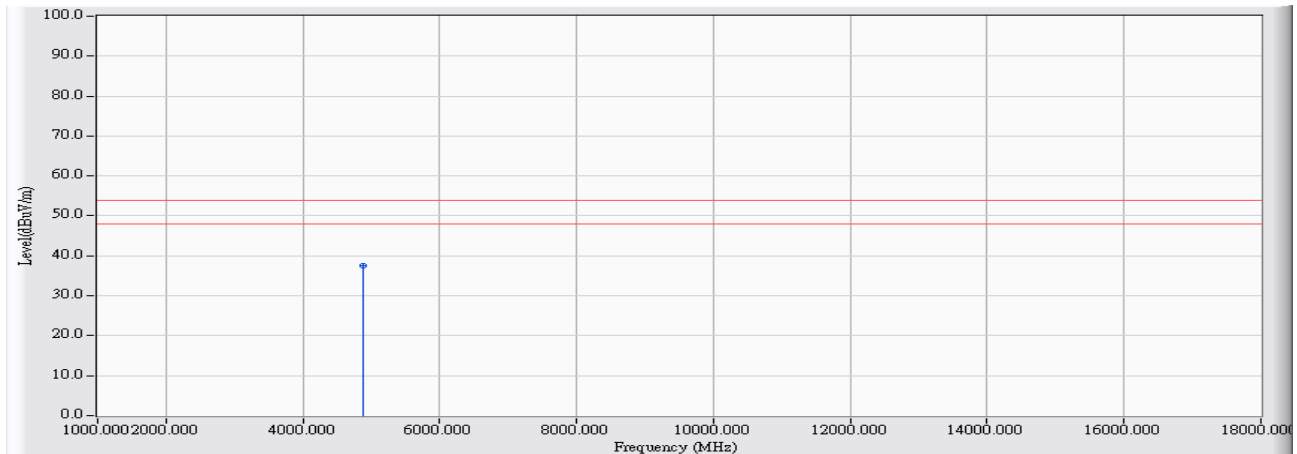


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-9.070	59.780	50.709	-23.291	74.000	PEAK
2		7311.000	0.373	47.580	47.953	-26.047	74.000	PEAK
3		9748.000	4.652	42.750	47.402	-26.598	74.000	PEAK
4		12185.000	8.017	41.250	49.268	-24.732	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 14:59
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

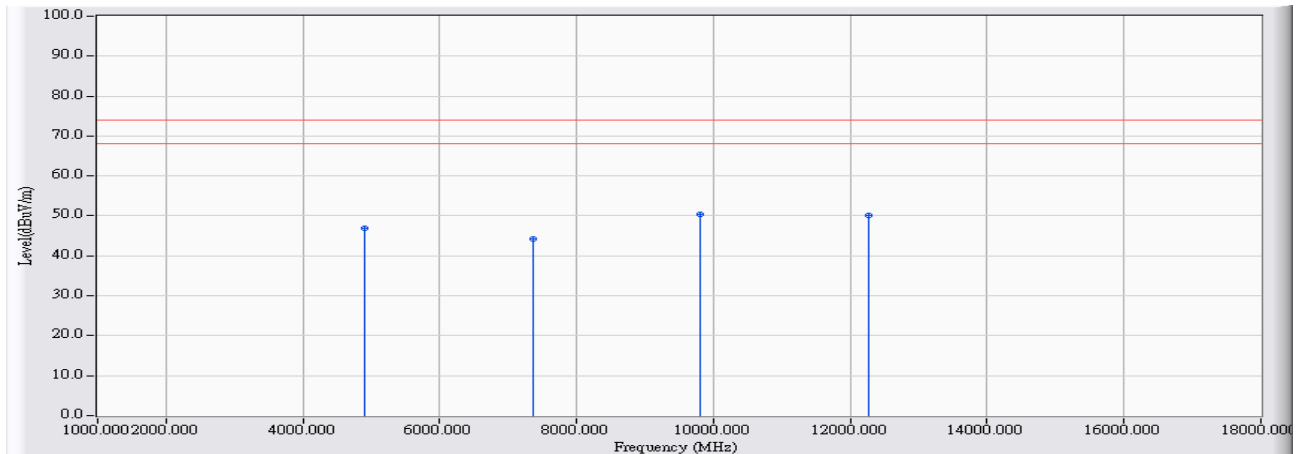


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	-9.070	46.640	37.569	-16.431	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/08 - 15:36
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2452MHz

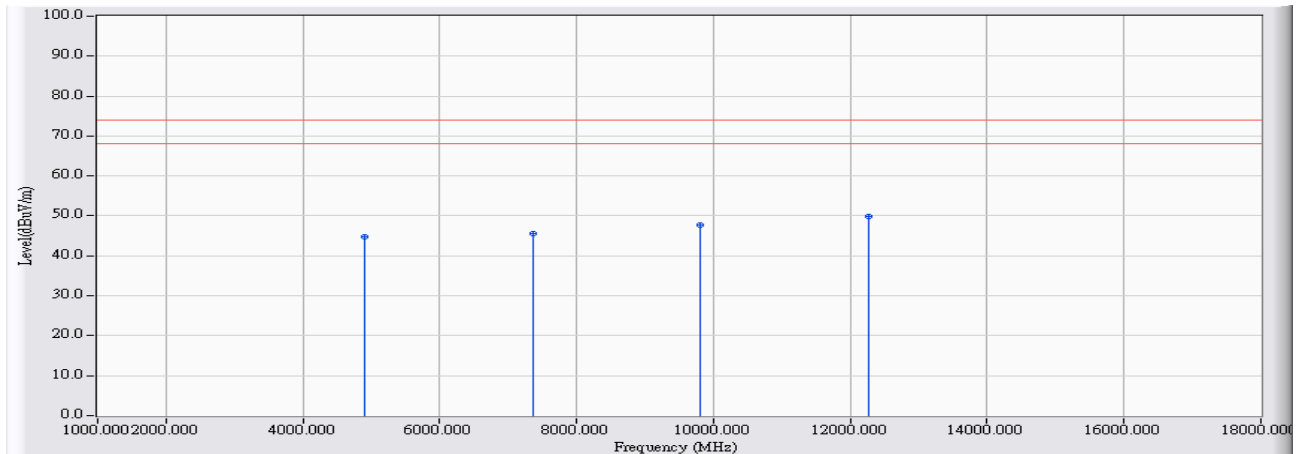


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4904.000	-6.938	53.810	46.872	-27.128	74.000	PEAK
2	7356.000	-0.502	44.850	44.348	-29.652	74.000	PEAK
3	* 9808.000	5.677	44.750	50.426	-23.574	74.000	PEAK
4	12260.000	8.353	41.850	50.204	-23.796	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/08 - 15:17
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2452MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	-8.911	53.560	44.649	-29.351	74.000	PEAK
2		7356.000	0.491	45.160	45.651	-28.349	74.000	PEAK
3		9808.000	4.916	42.730	47.645	-26.355	74.000	PEAK
4	*	12260.000	7.953	42.030	49.983	-24.017	74.000	PEAK

Note:

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

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

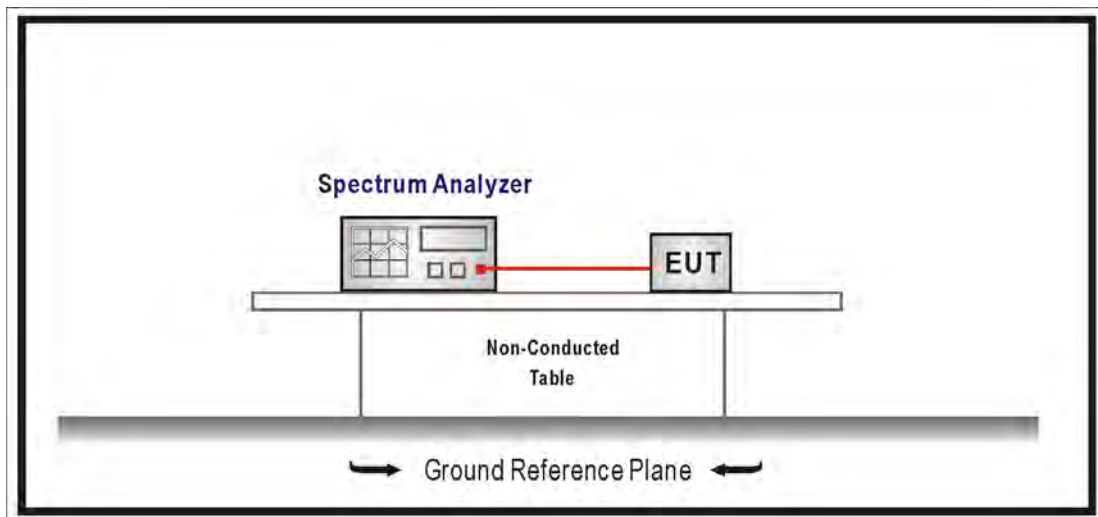
RF antenna conducted test / SR7

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

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

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

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

5.4. Test Procedure

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

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

5.6. Uncertainty

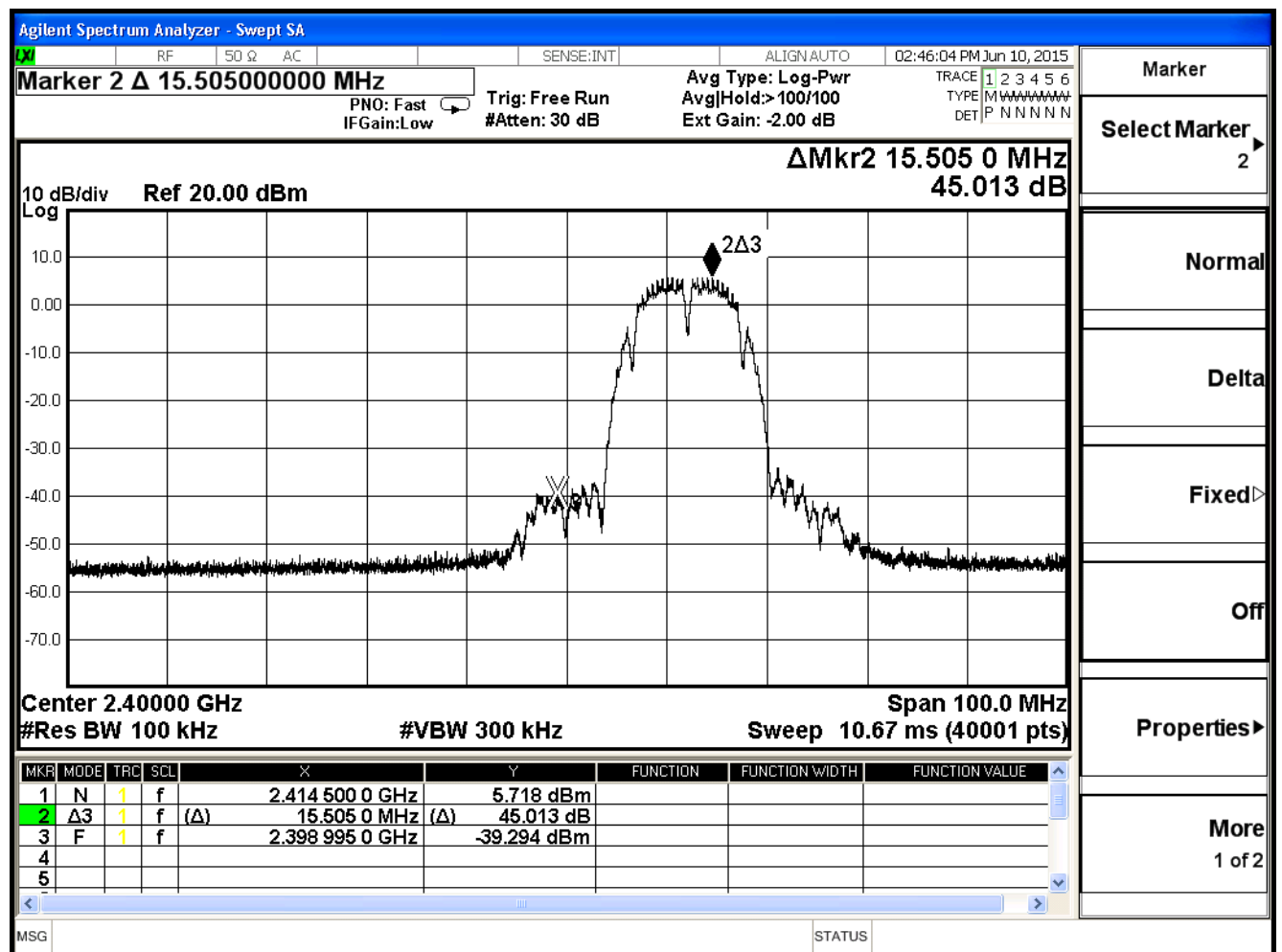
Conducted is defined as $\pm 1.27\text{dB}$

5.7. Test Result

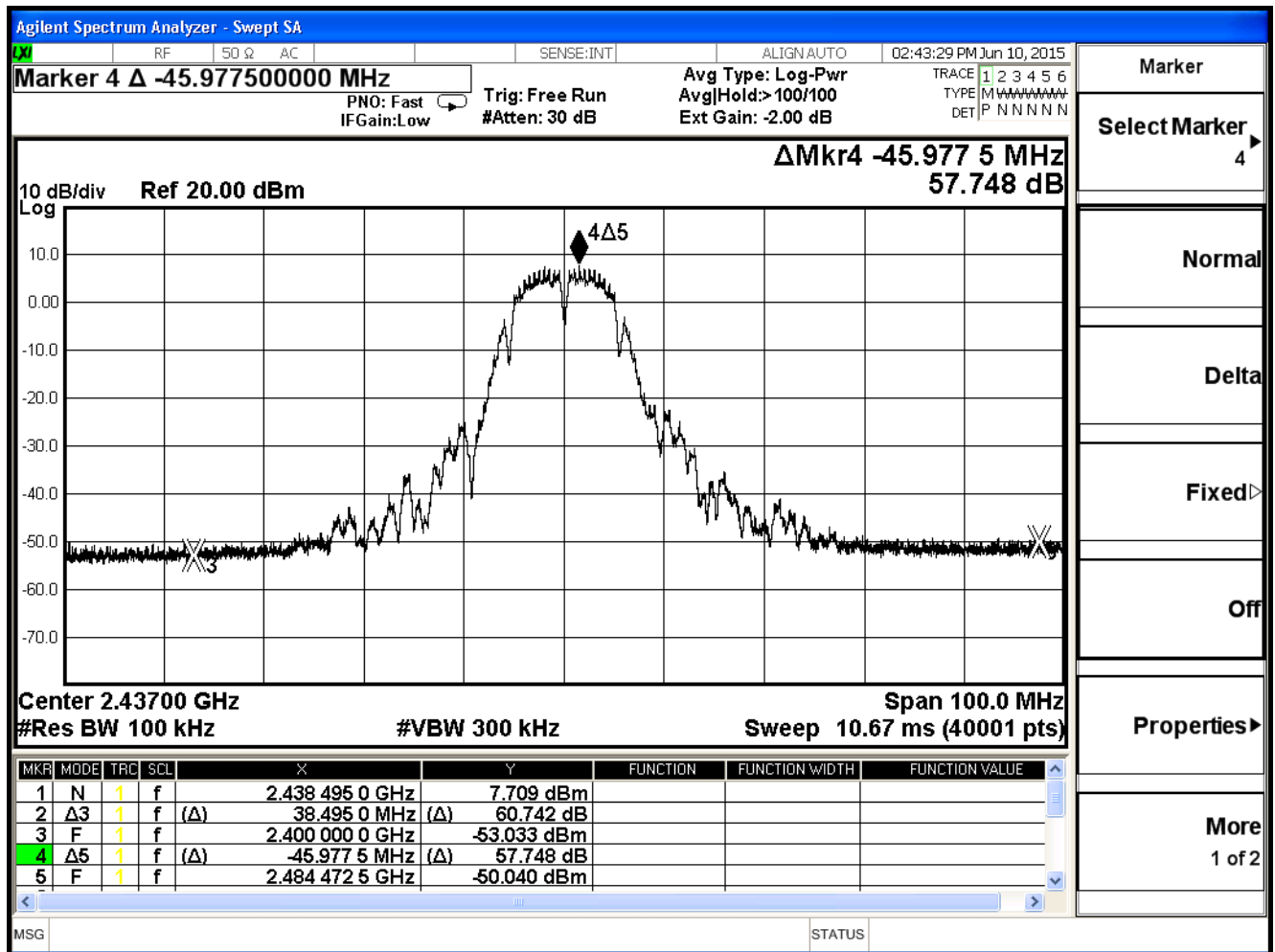
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11b, ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	45.013	≥ 20	Pass
6	2437	57.748	≥ 20	Pass
11	2462	39.229	≥ 20	Pass

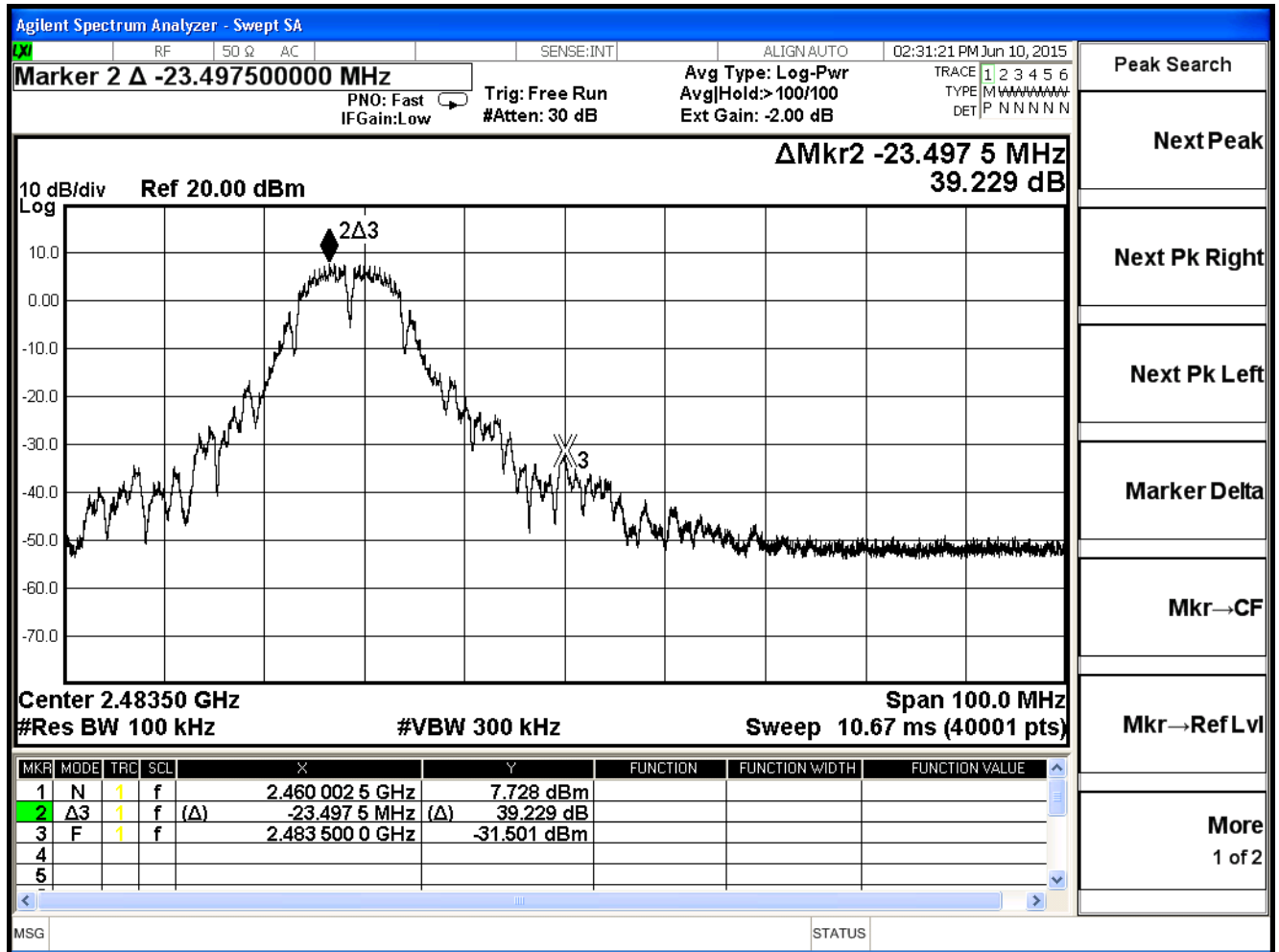
Channel 1 (2412MHz)



Channel 6 (2437MHz)



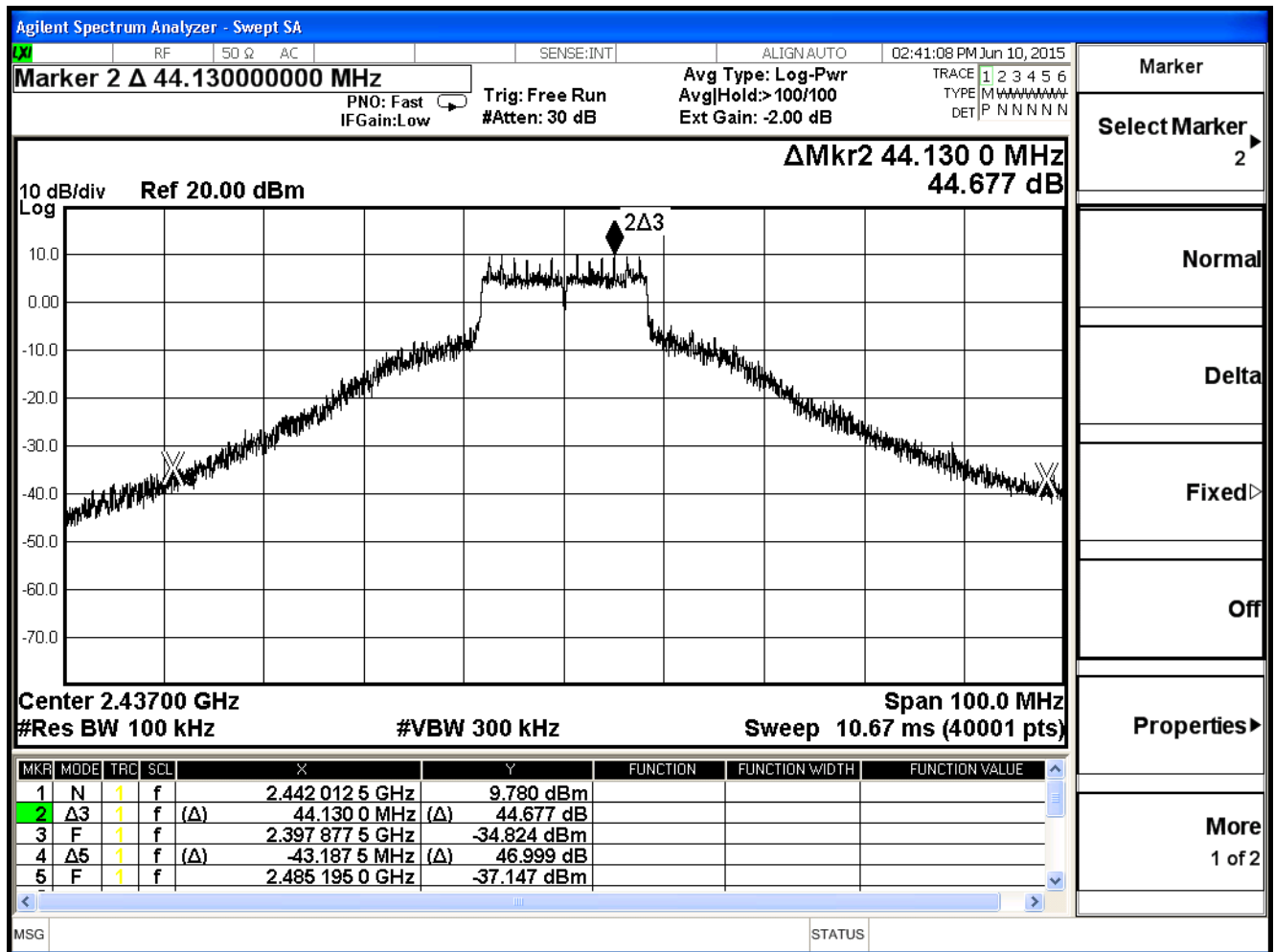
Channel 11 (2462MHz)

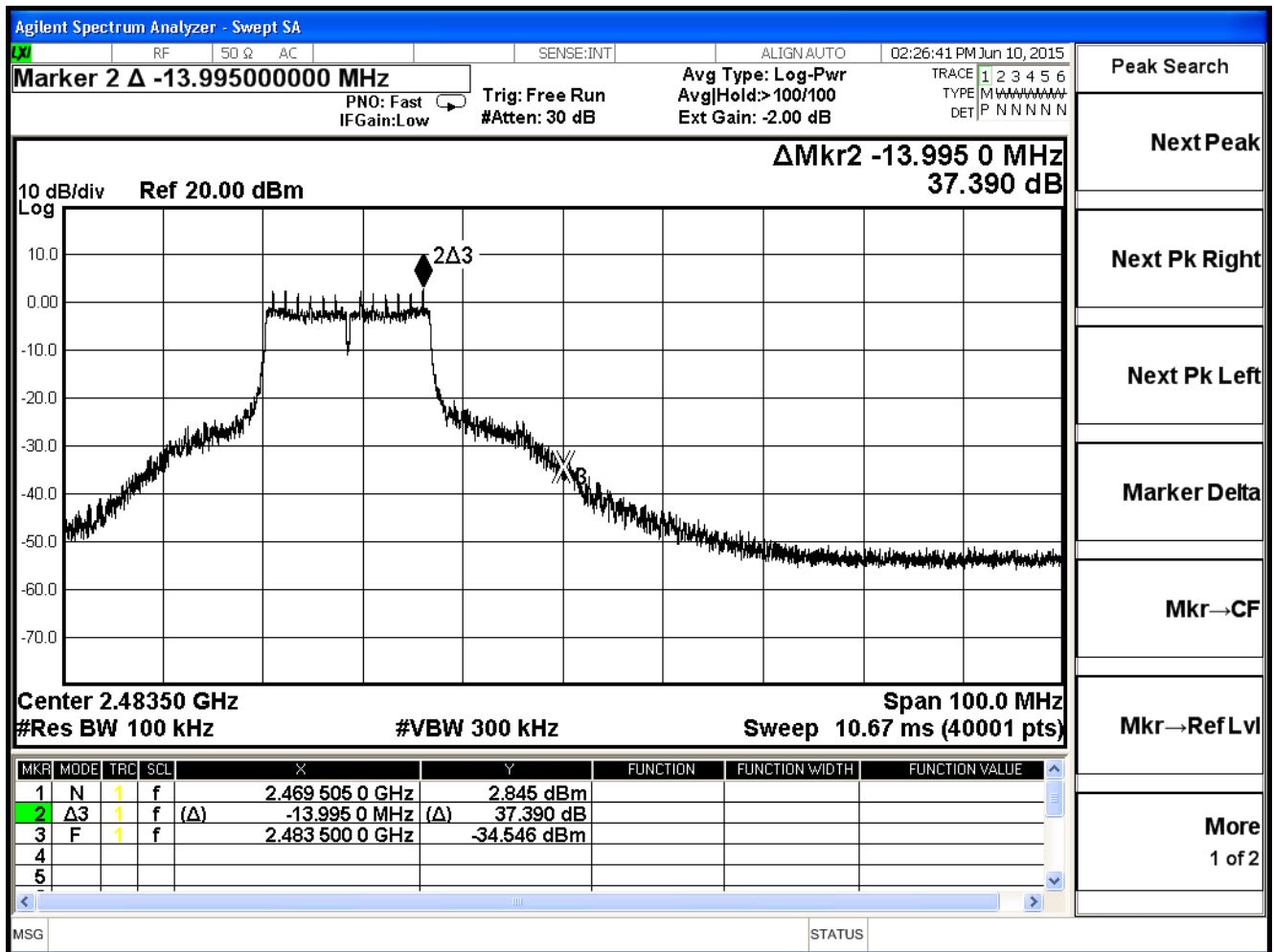


IEEE 802.11g, ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	25.804	≥ 20	Pass
6	2437	44.677	≥ 20	Pass
11	2462	37.390	≥ 20	Pass

[illegible]

Channel 6 (2437MHz)

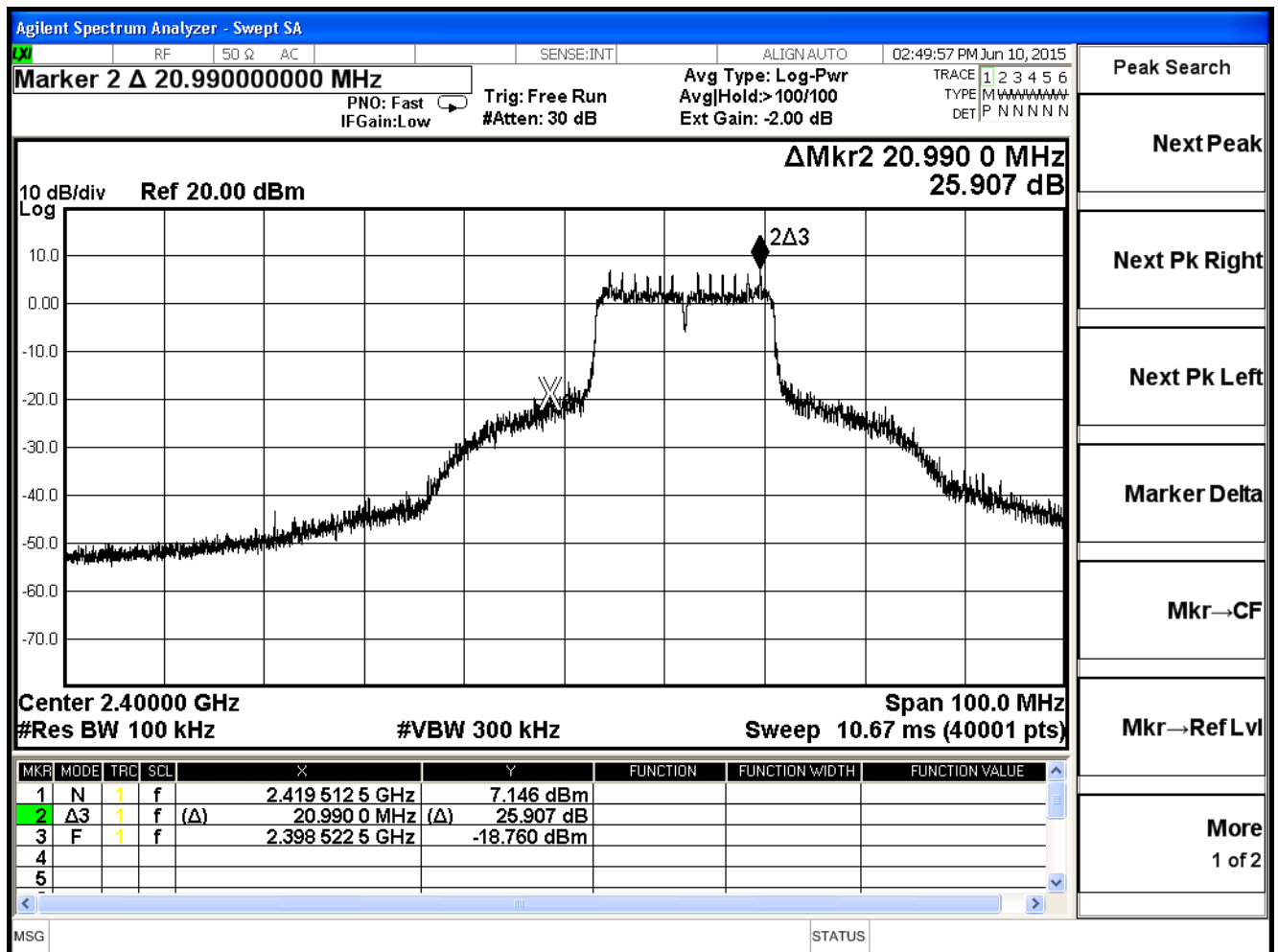




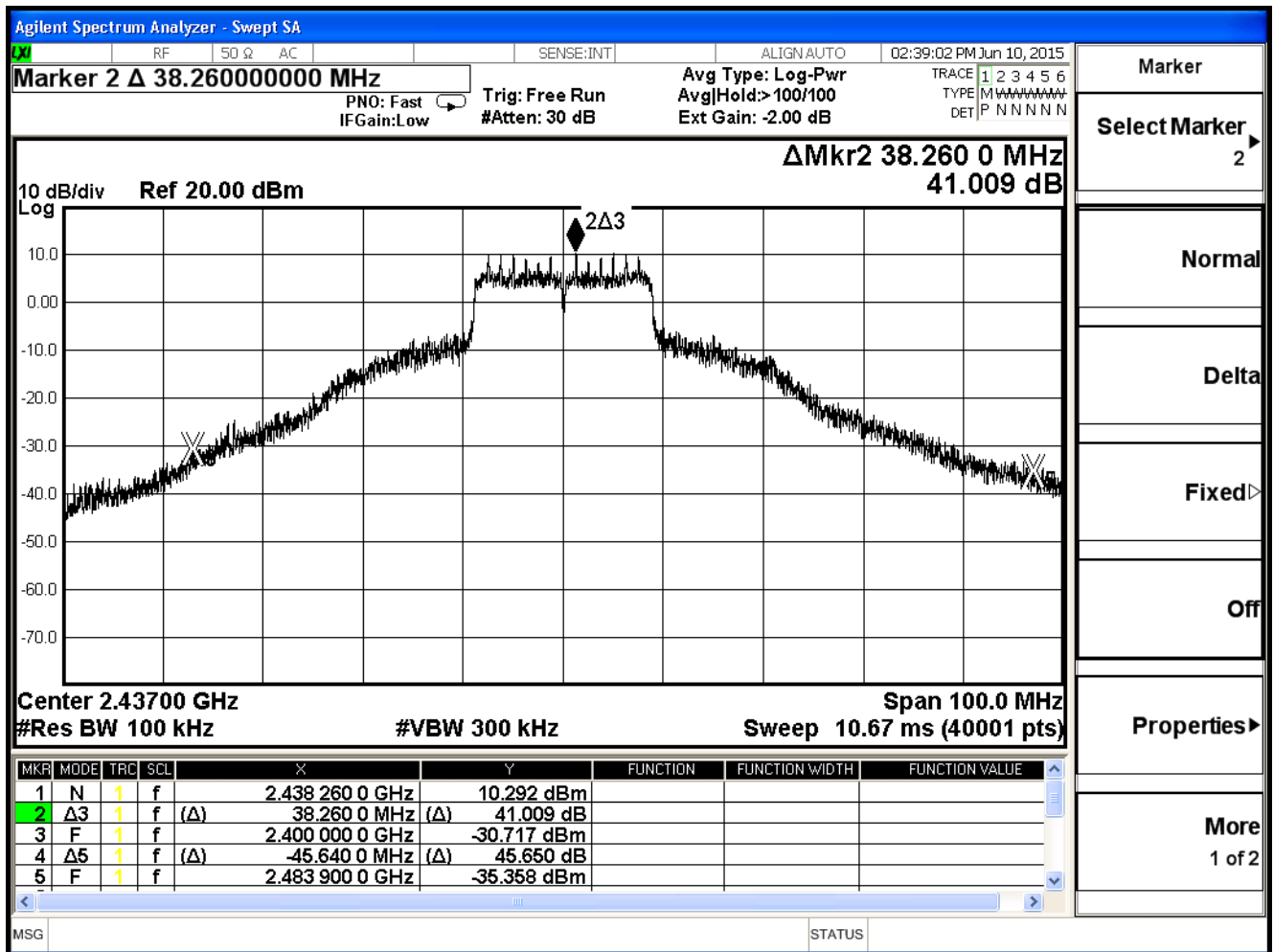
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	25.907	≤ 20	Pass
6	2437	41.009	≤ 20	Pass
11	2462	34.951	≤ 20	Pass

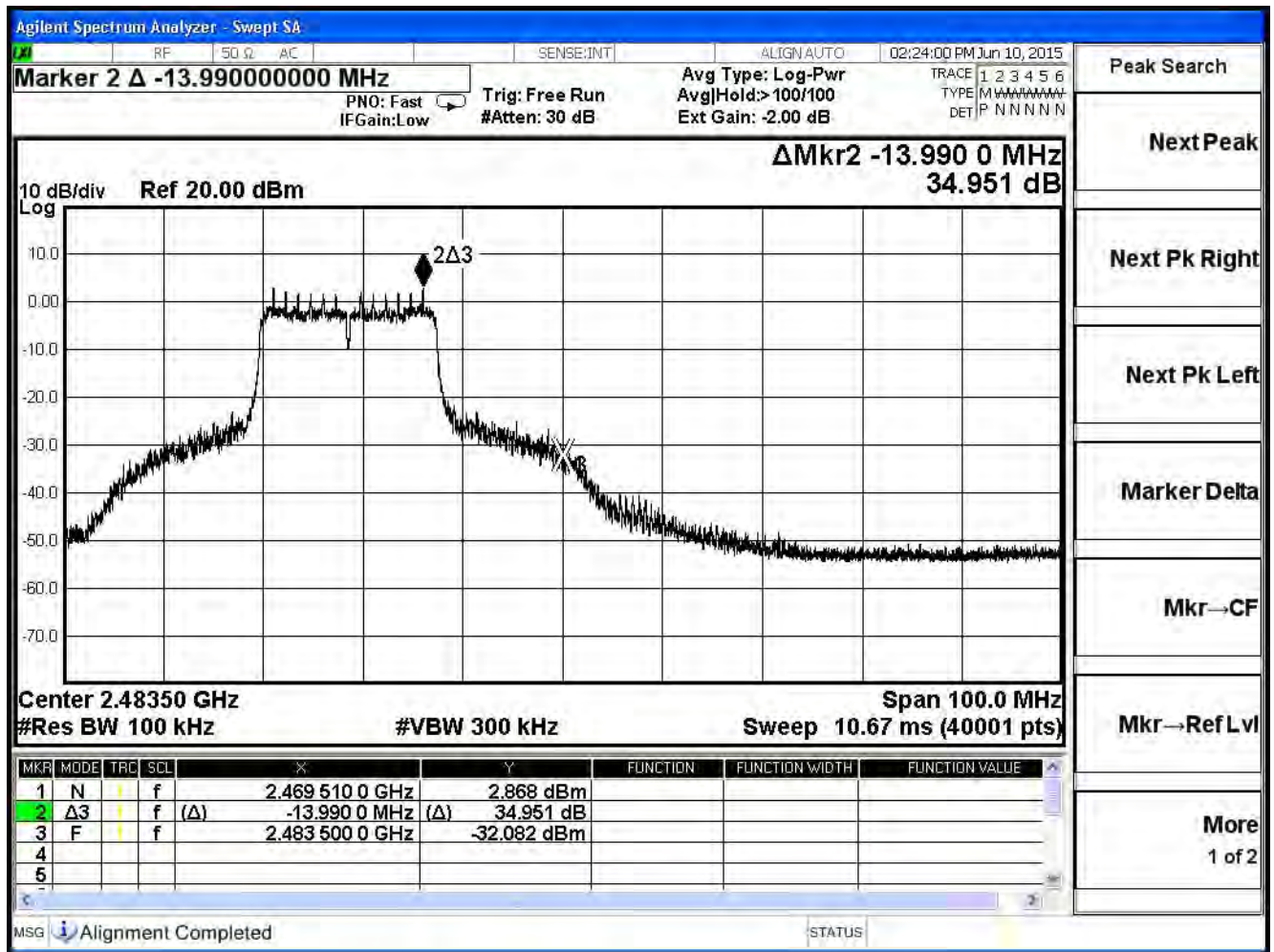
Channel 1 (2412MHz)



Channel 6 (2437MHz)



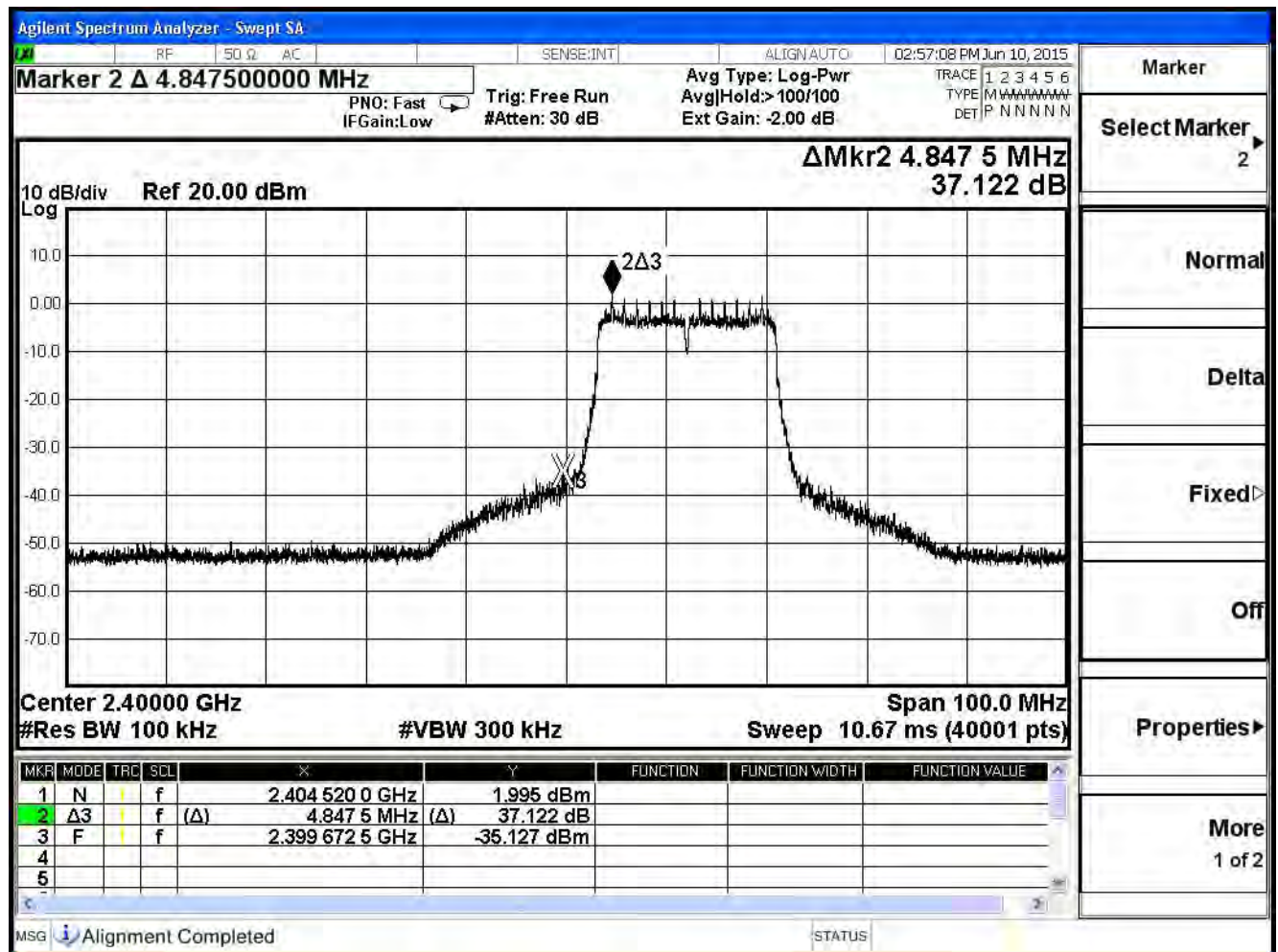
Channel 11 (2462MHz)



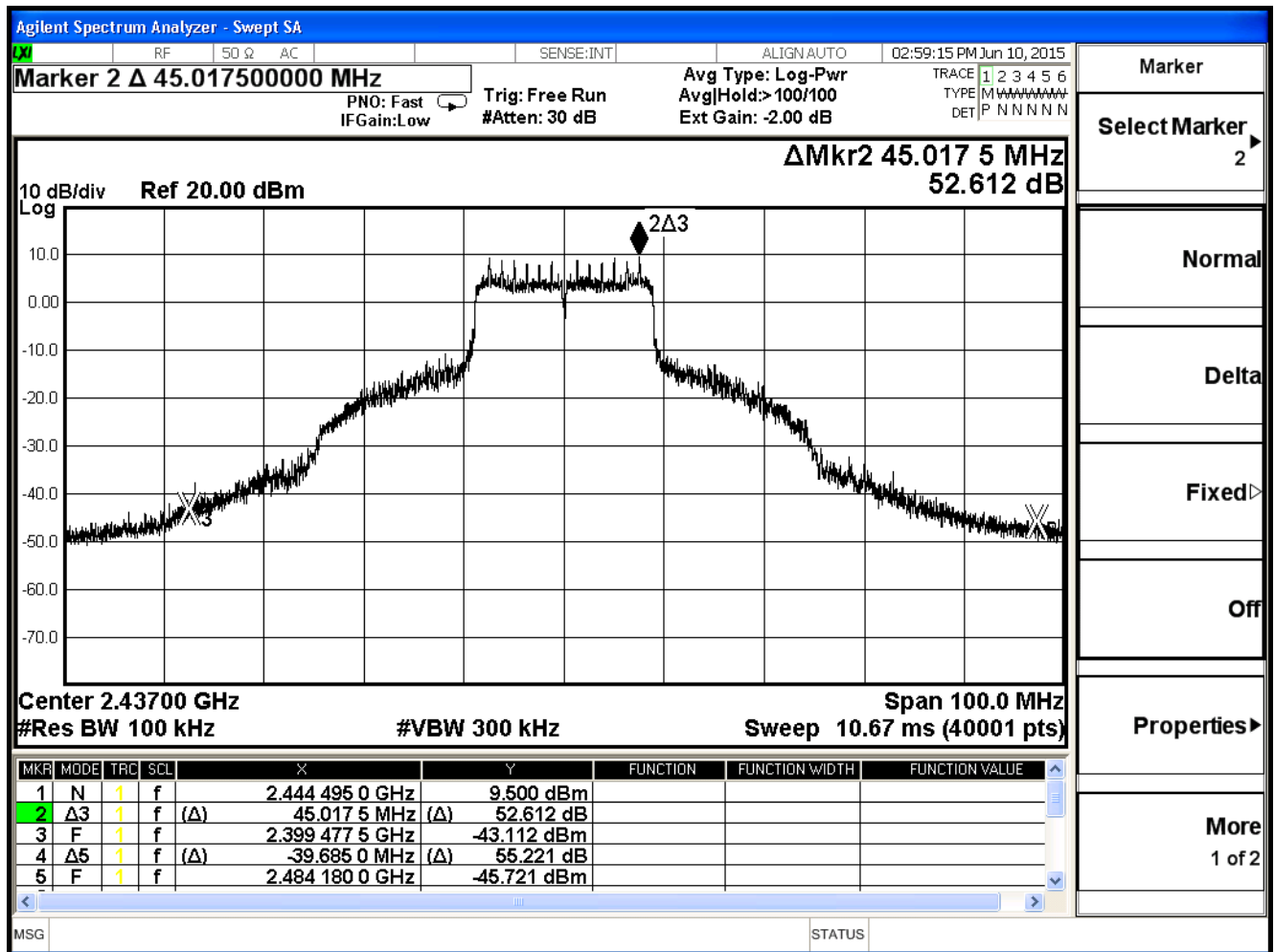
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), ANT 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	37.122	≥ 20	Pass
6	2437	52.612	≥ 20	Pass
11	2462	49.204	≥ 20	Pass

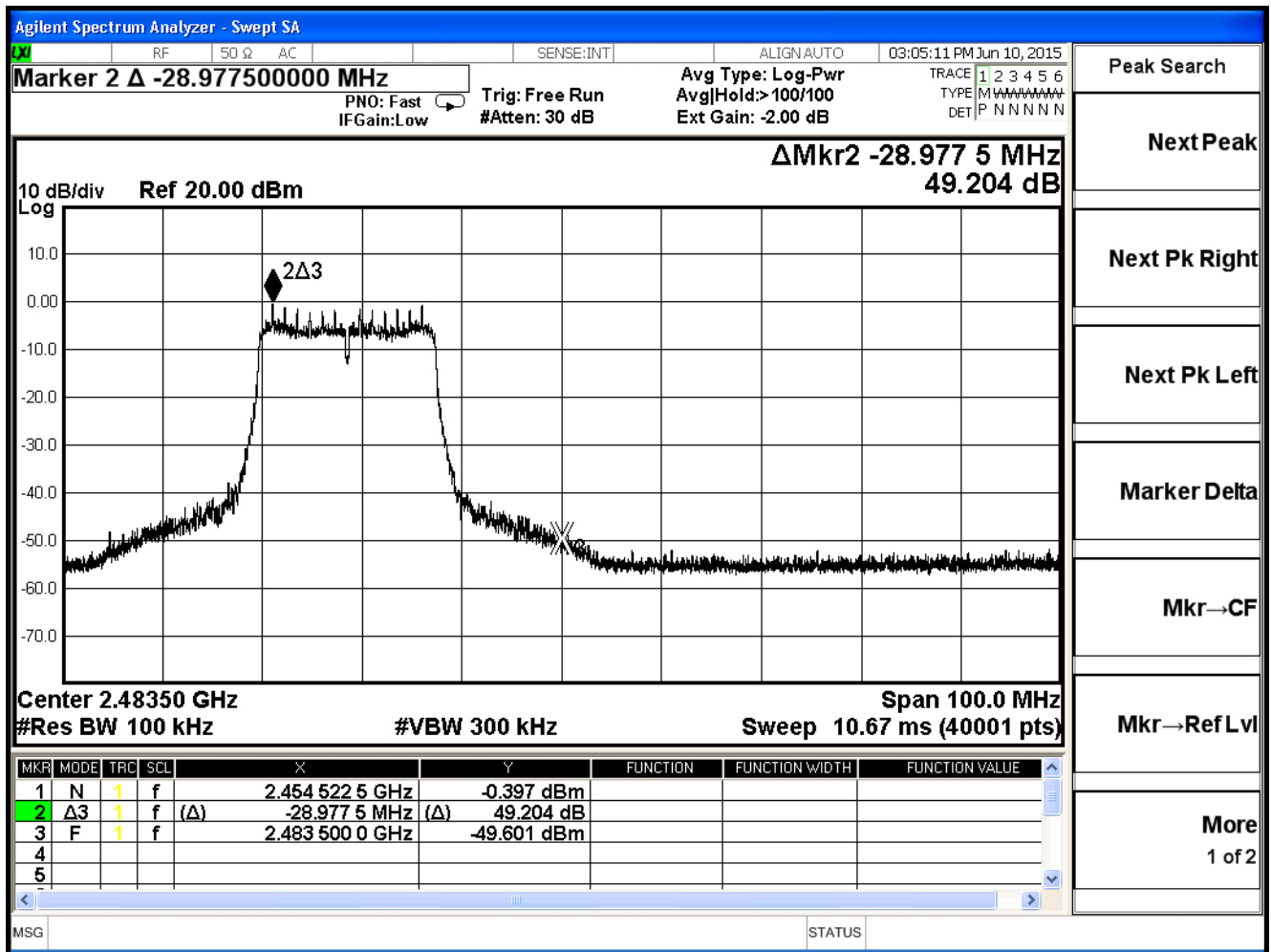
Channel 1 (2412MHz)



Channel 6 (2437MHz)



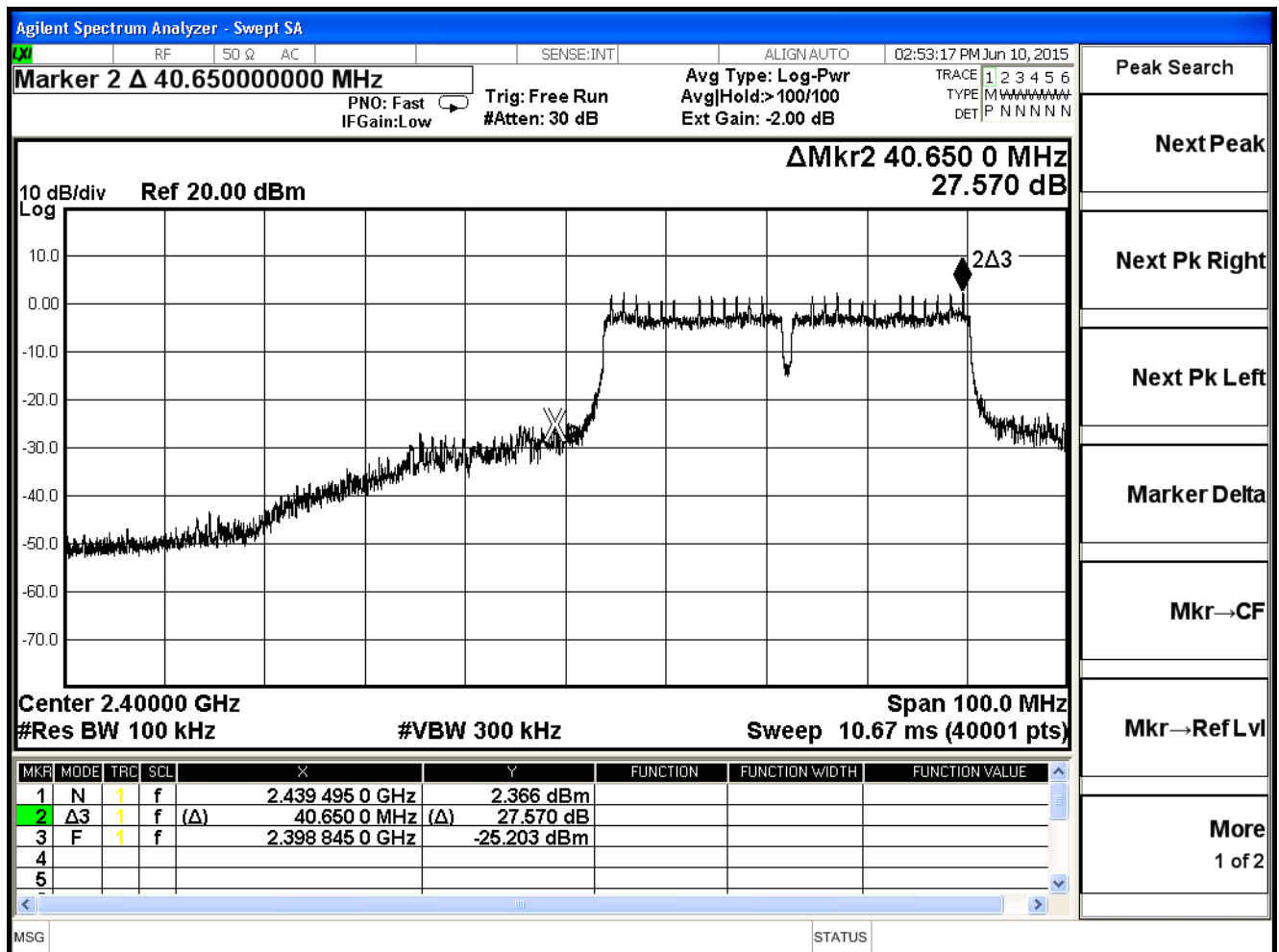
Channel 11 (2462MHz)



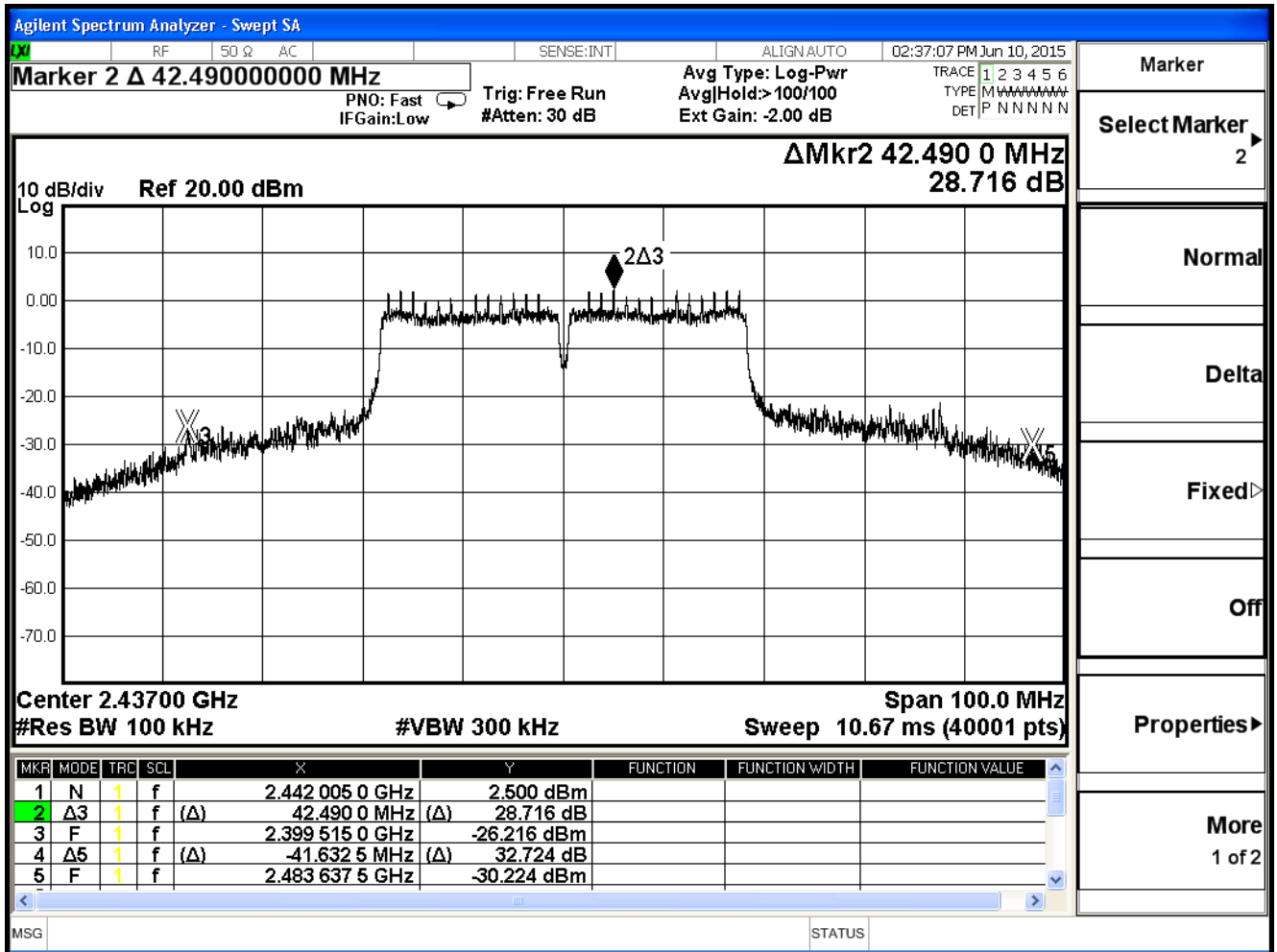
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	27.570	≥ 20	Pass
6	2437	28.716	≥ 20	Pass
9	2452	27.249	≥ 20	Pass

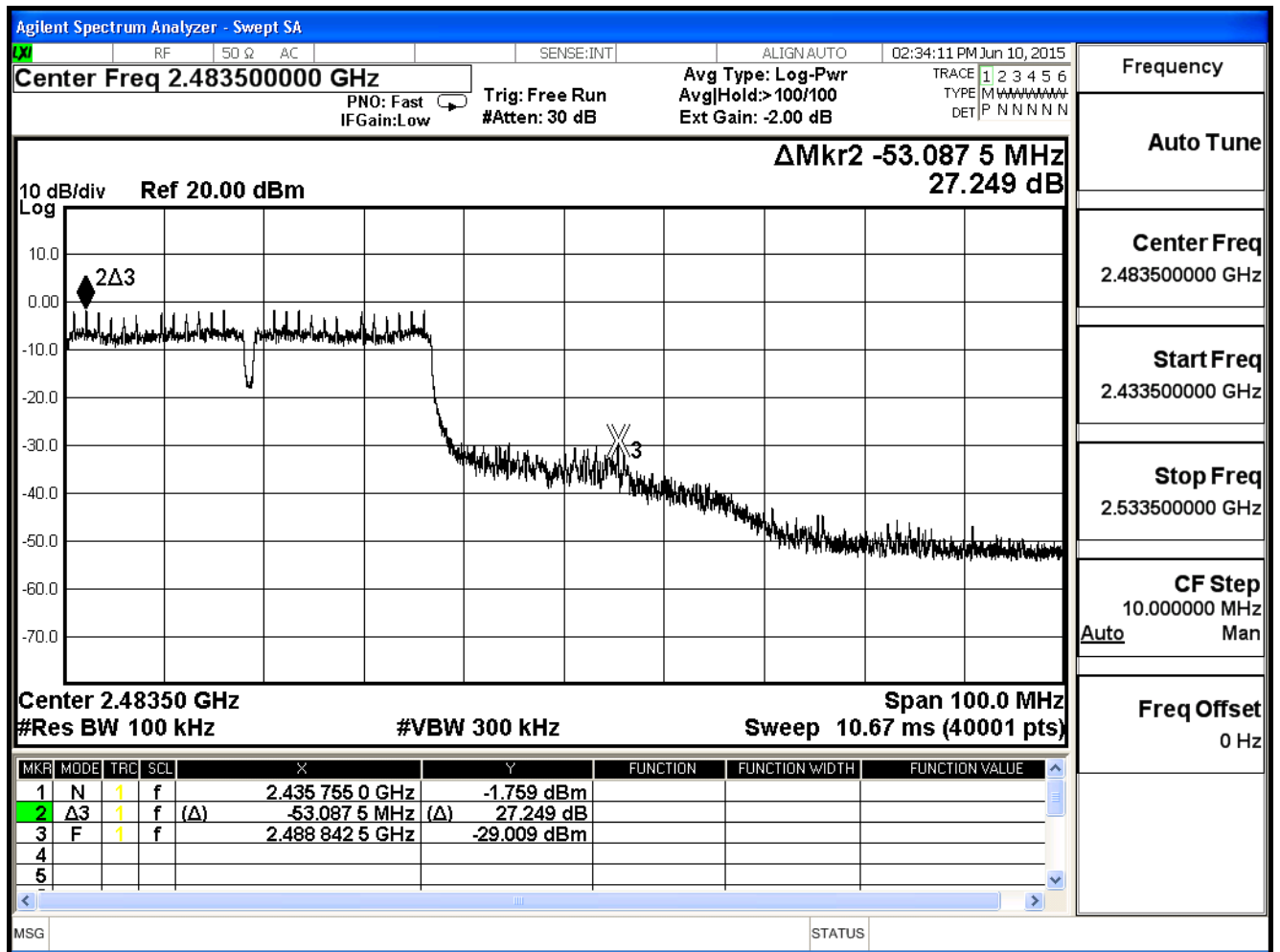
Channel 3 (2422MHz)



Channel 6 (2437MHz)



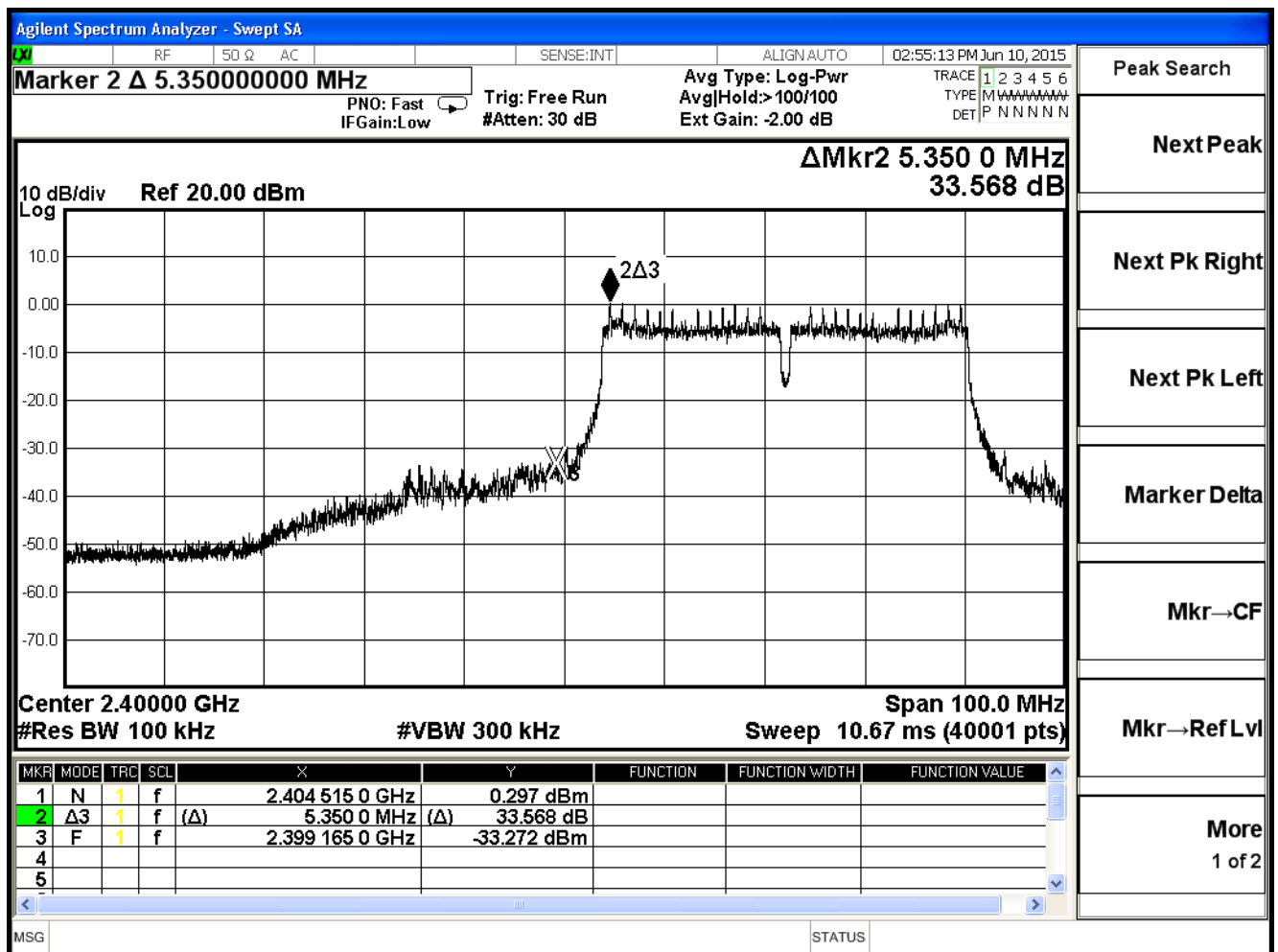
Channel 9 (2452MHz)



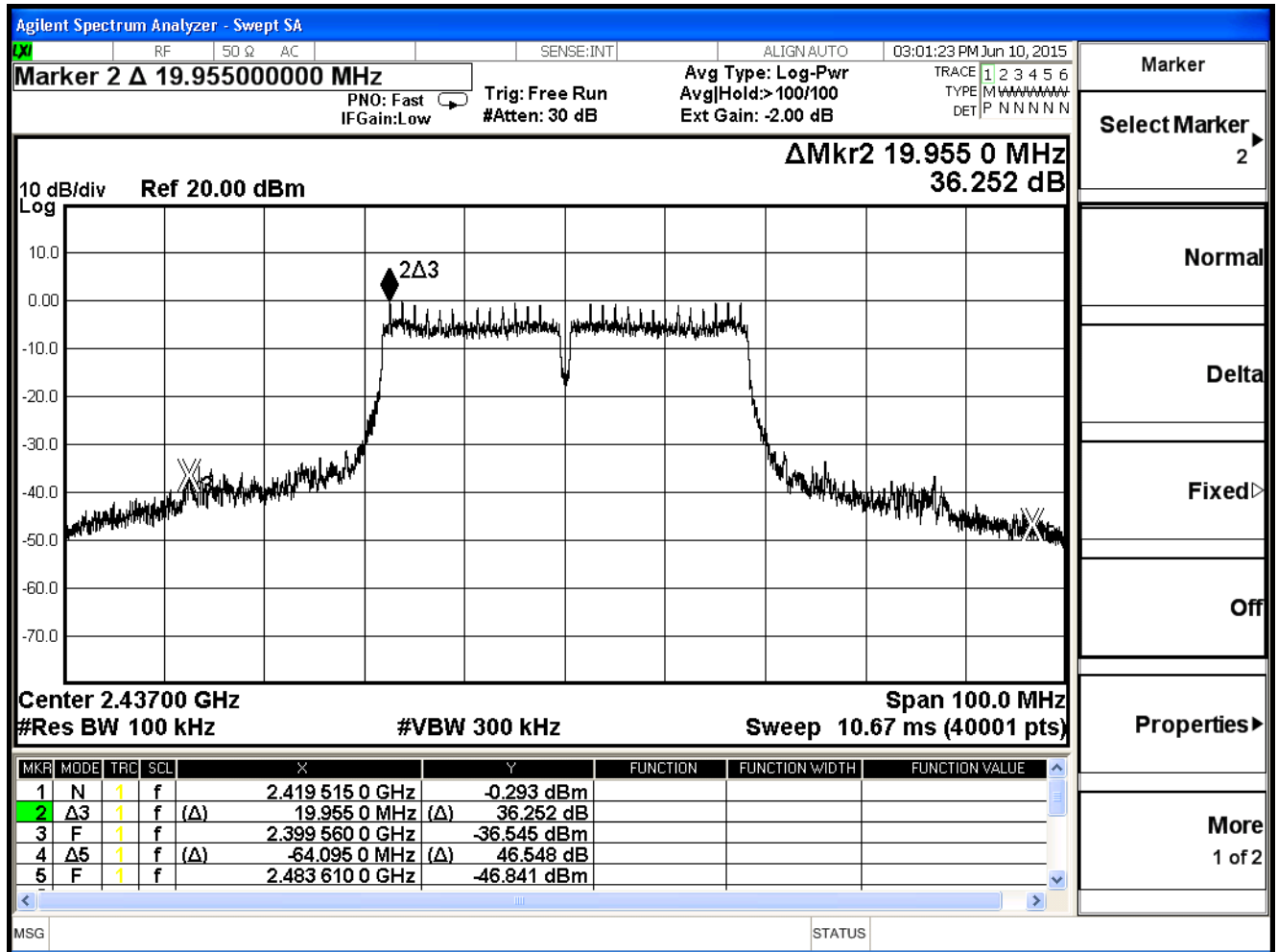
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), ANT 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	33.568	≥ 20	Pass
6	2437	36.252	≥ 20	Pass
9	2452	41.334	≥ 20	Pass

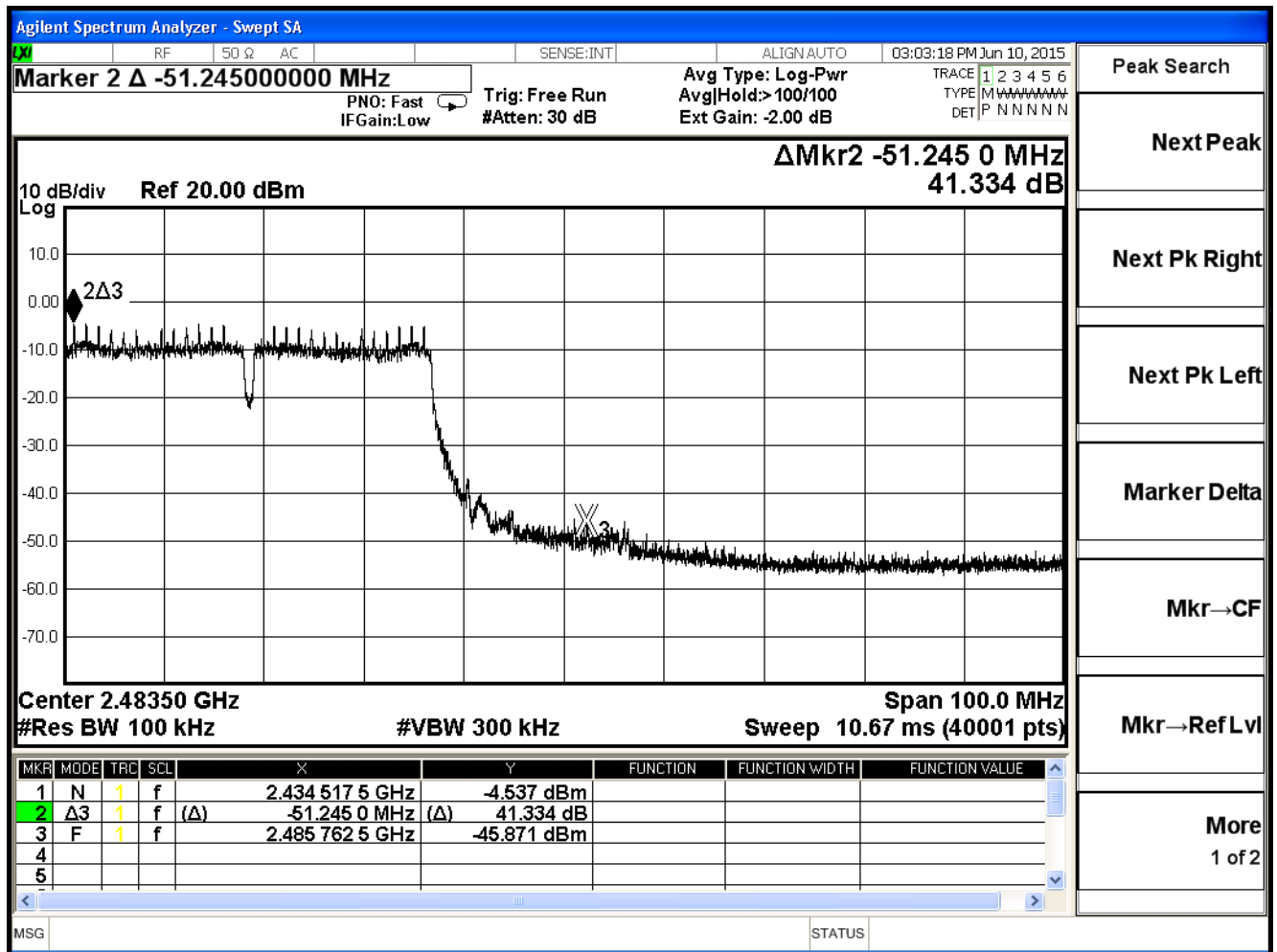
Channel 3 (2422MHz)



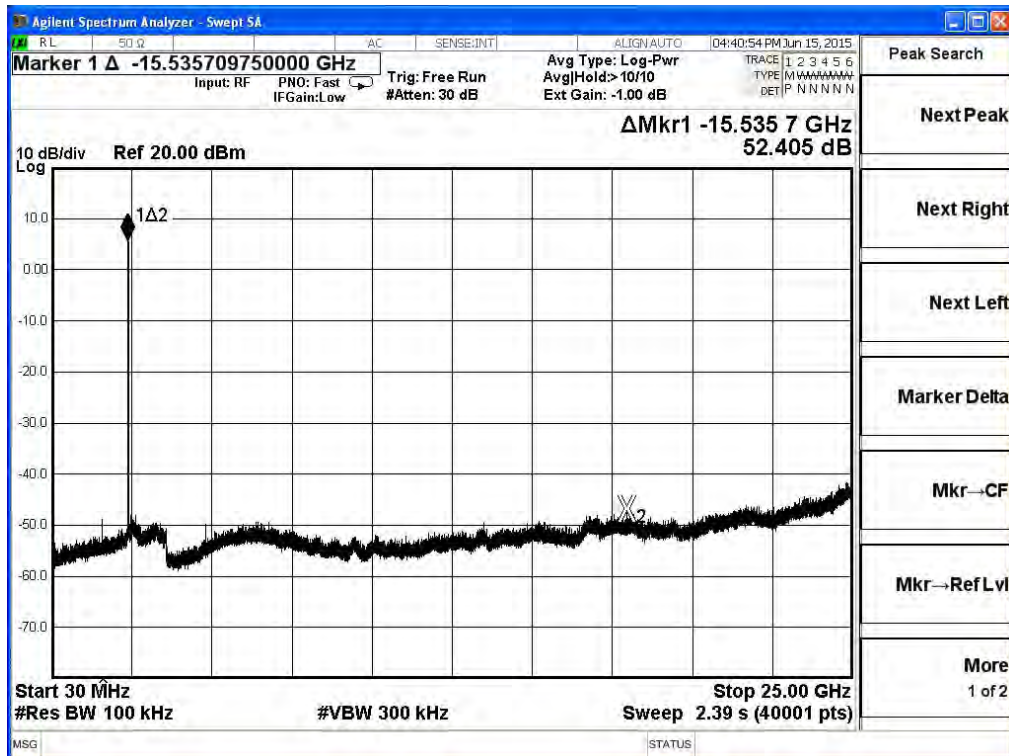
Channel 6 (2437MHz)



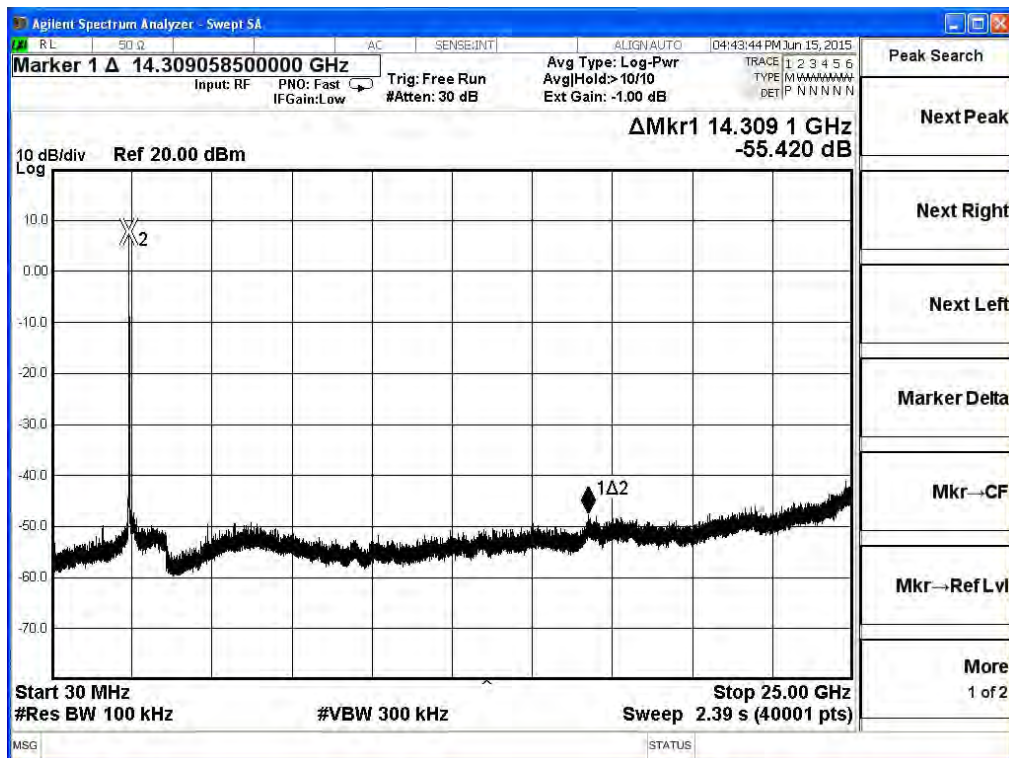
Channel 9 (2452MHz)



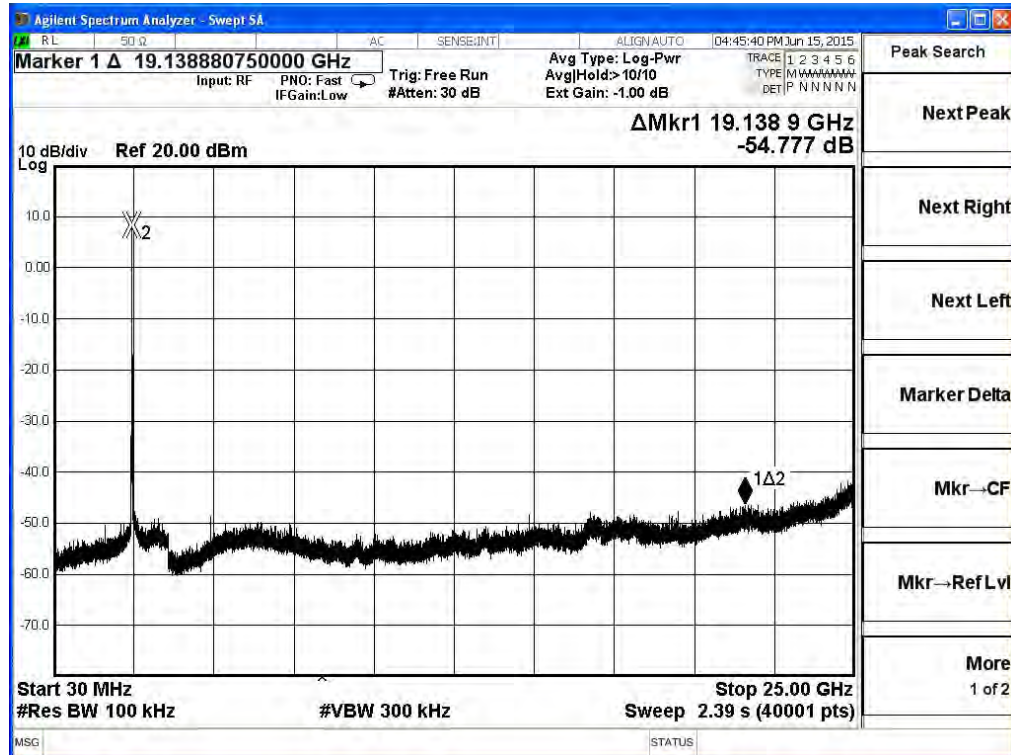
2412MHz-802.11b



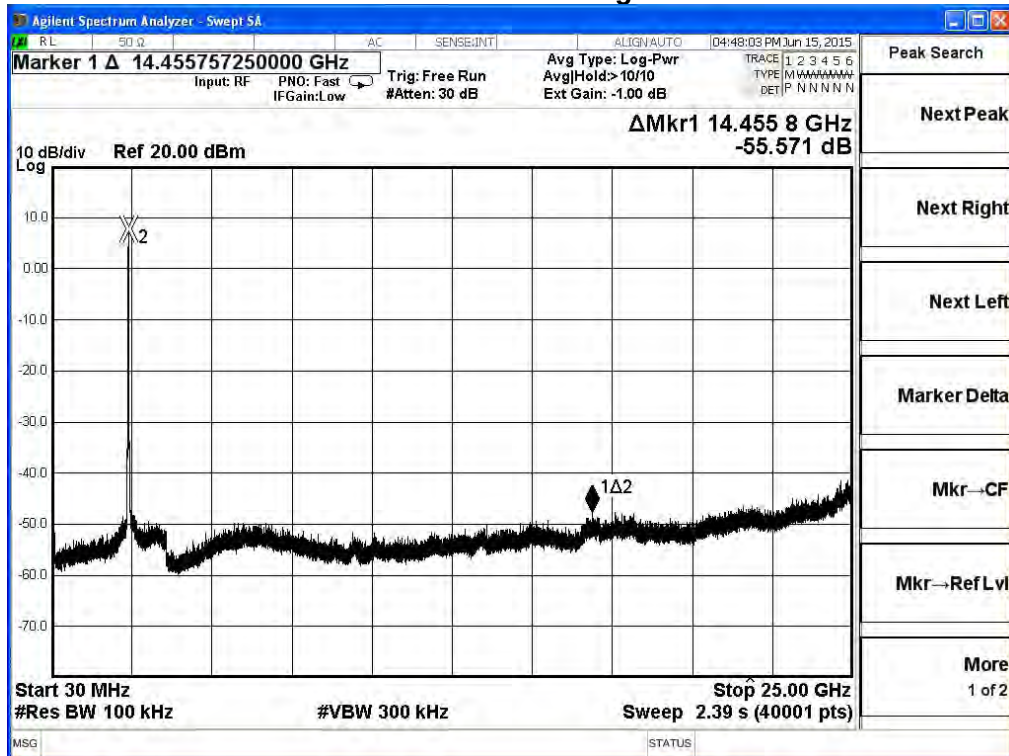
2437MHz-802.11b



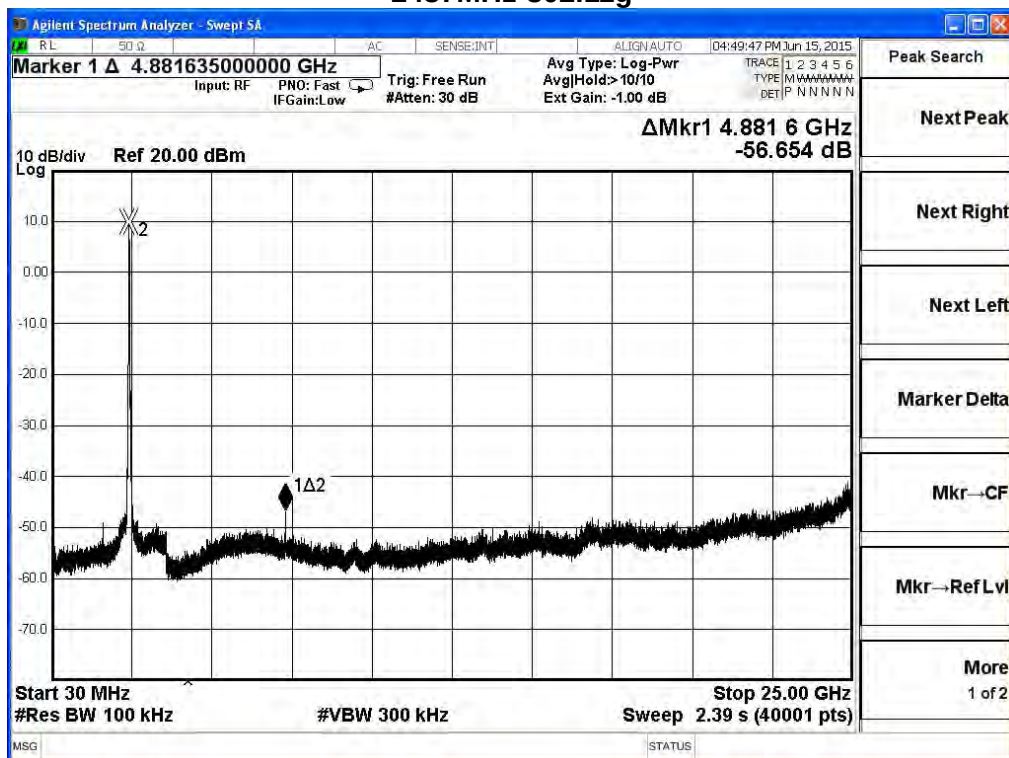
2462MHz-802.11b



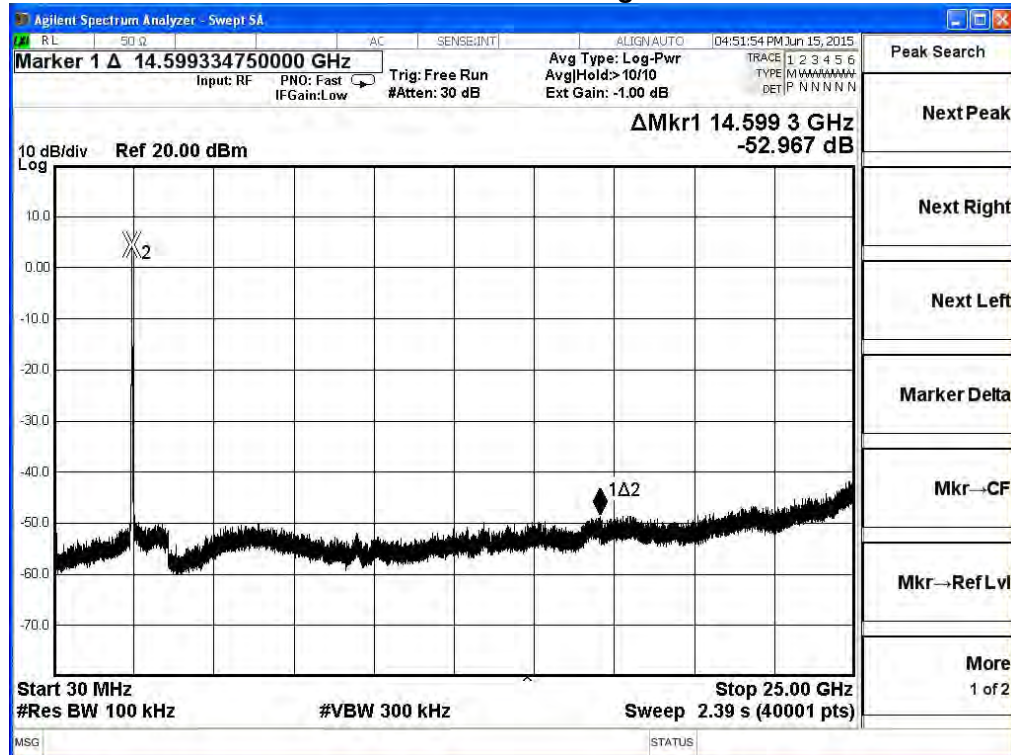
2412MHz-802.11g



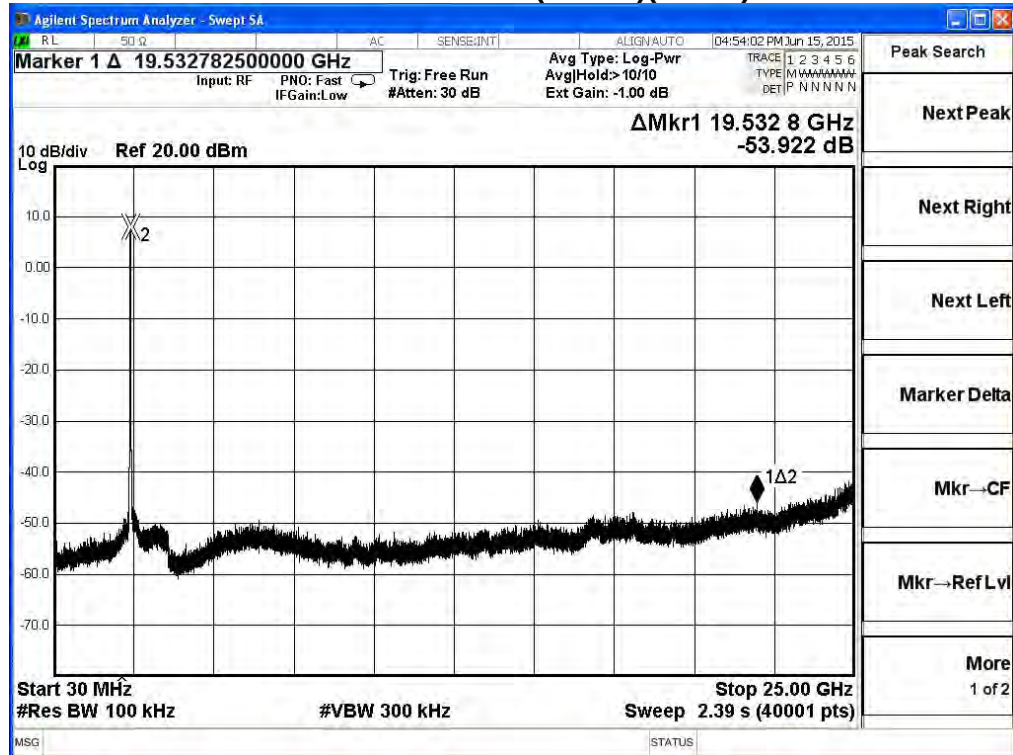
2437MHz-802.11g



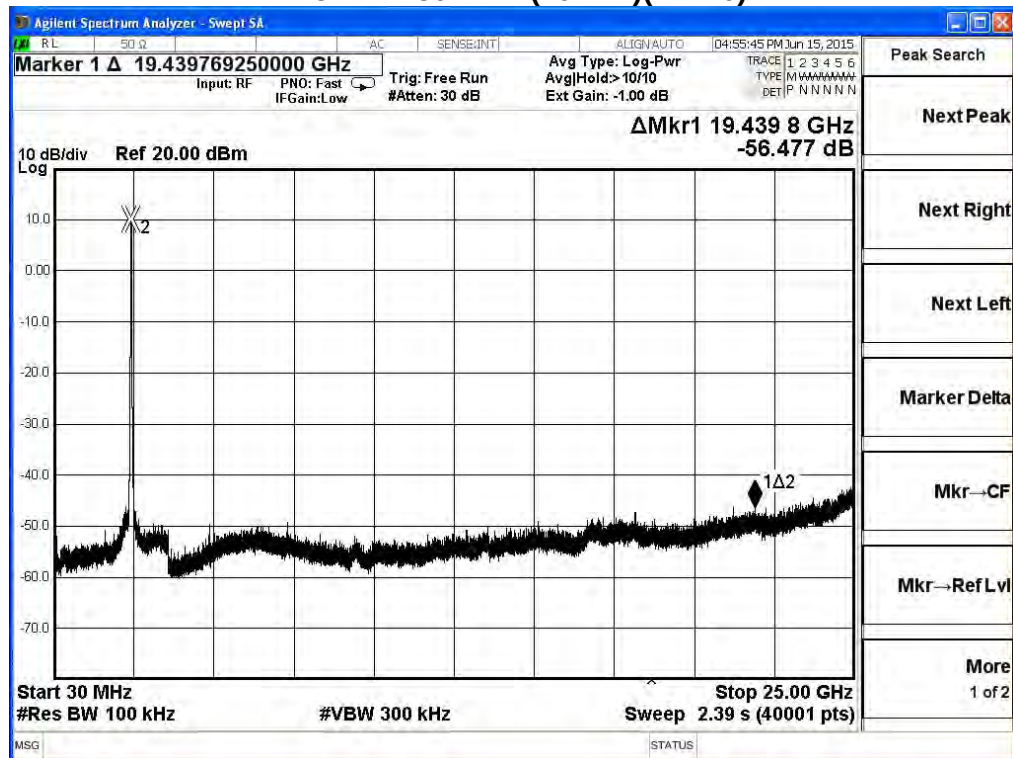
2462MHz-802.11g



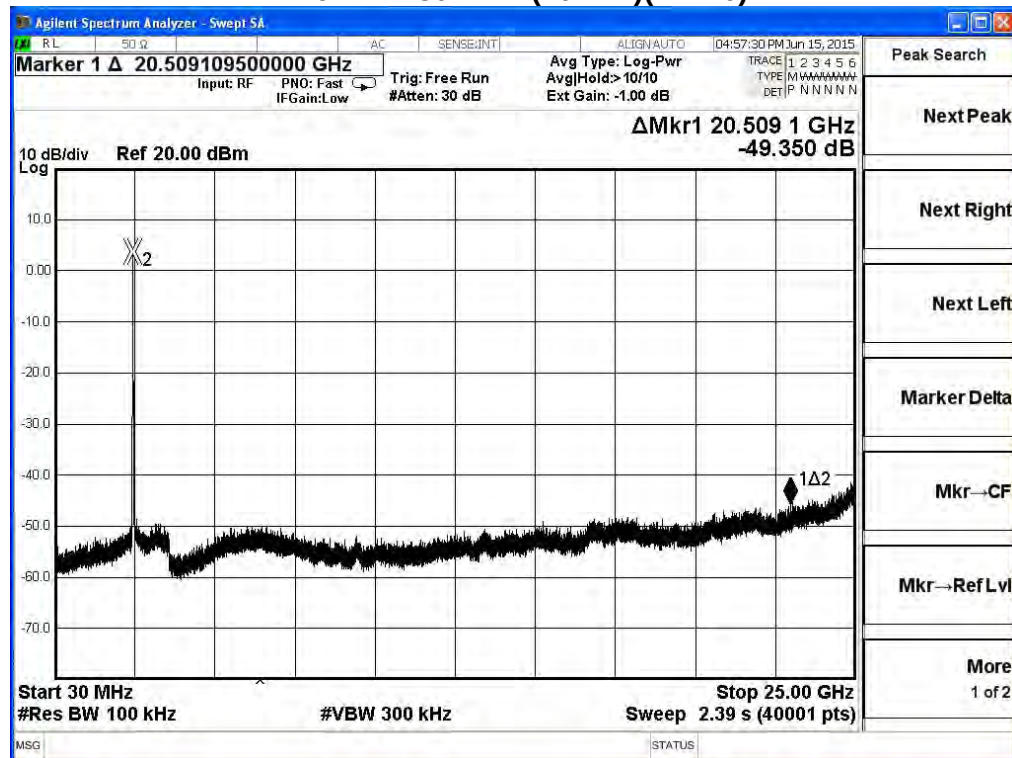
2412MHz- 802.11n (20MHz)(ANT 0)



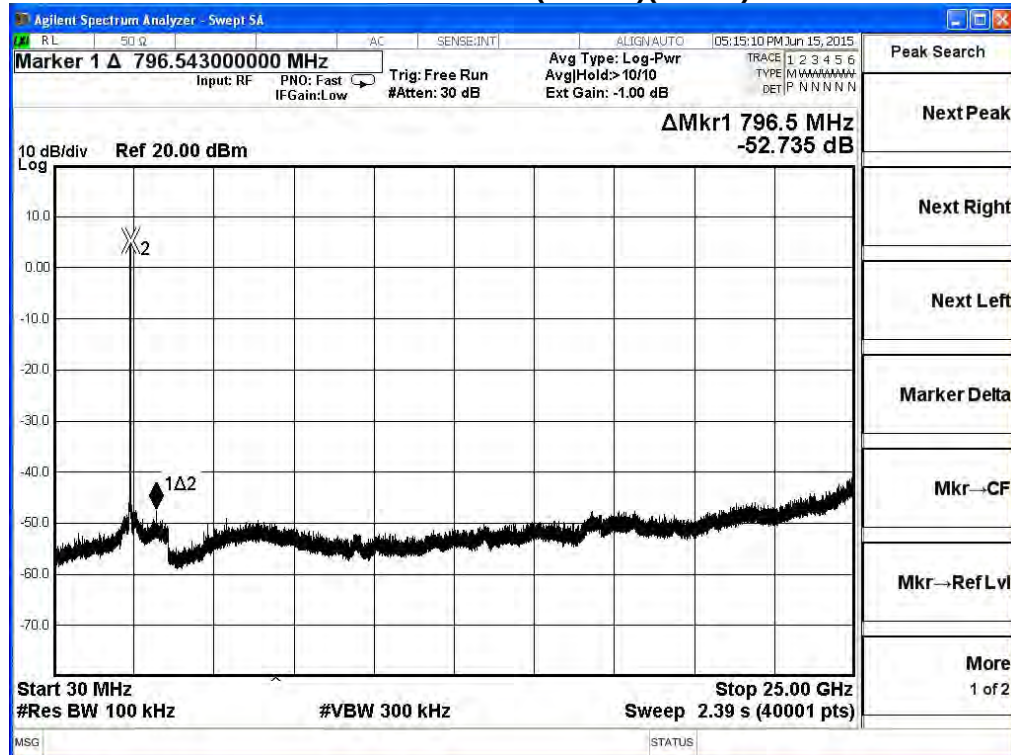
2437MHz-802.11n (20MHz)(ANT 0)



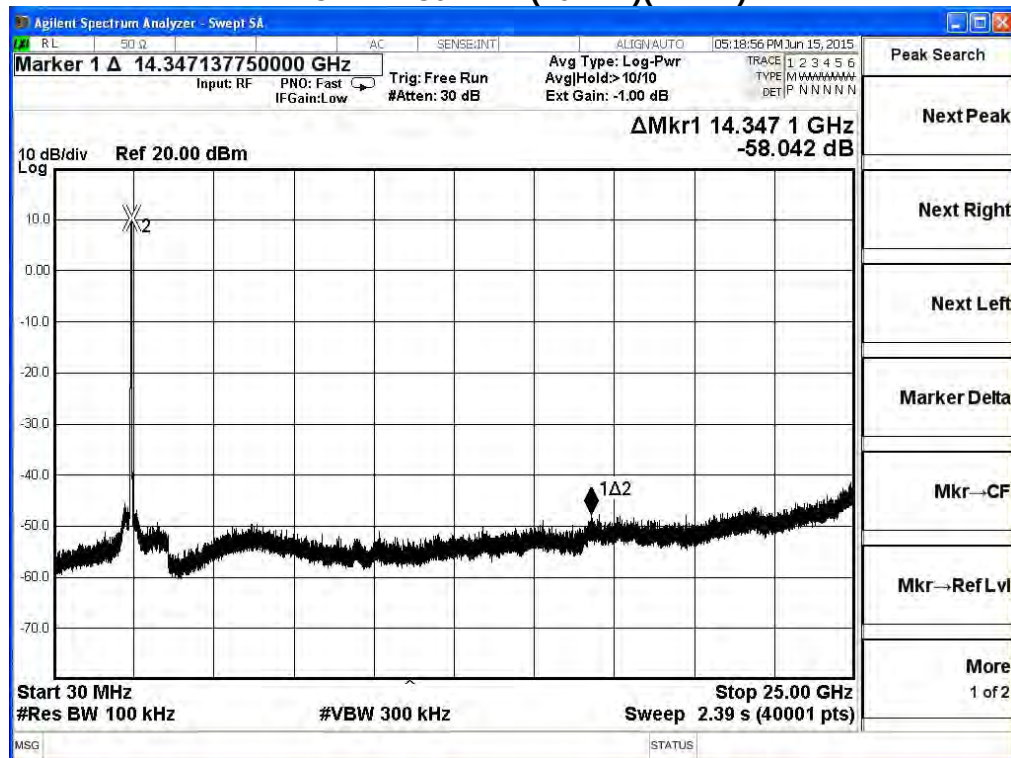
2462MHz-802.11n (20MHz)(ANT 0)



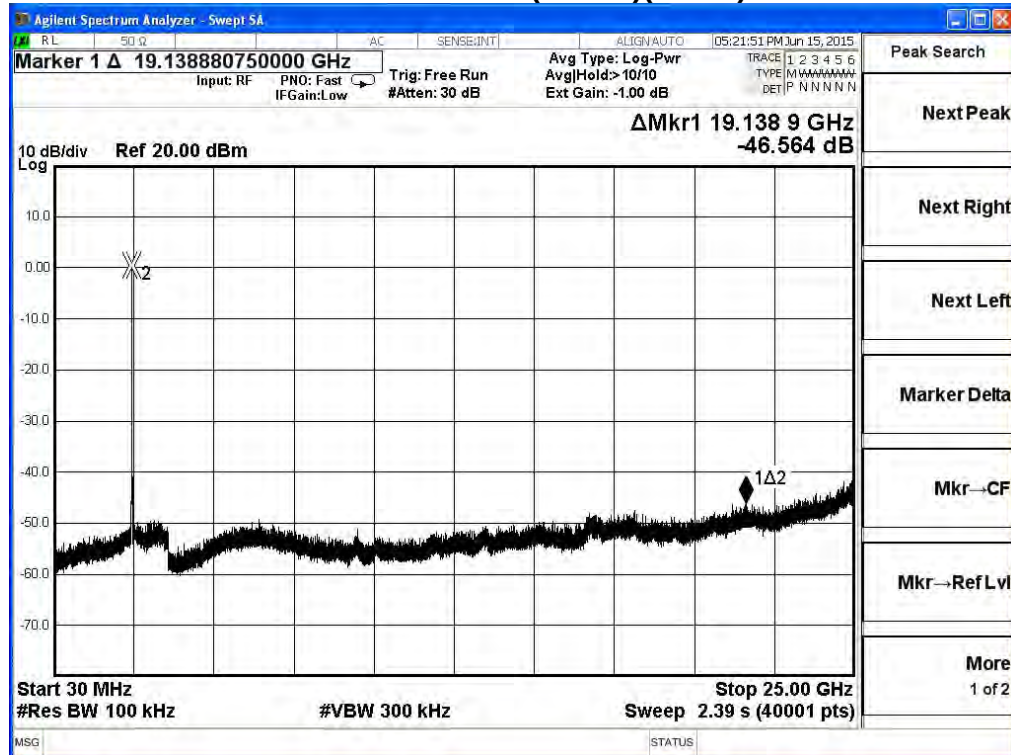
2412MHz- 802.11n (20MHz)(ANT 1)



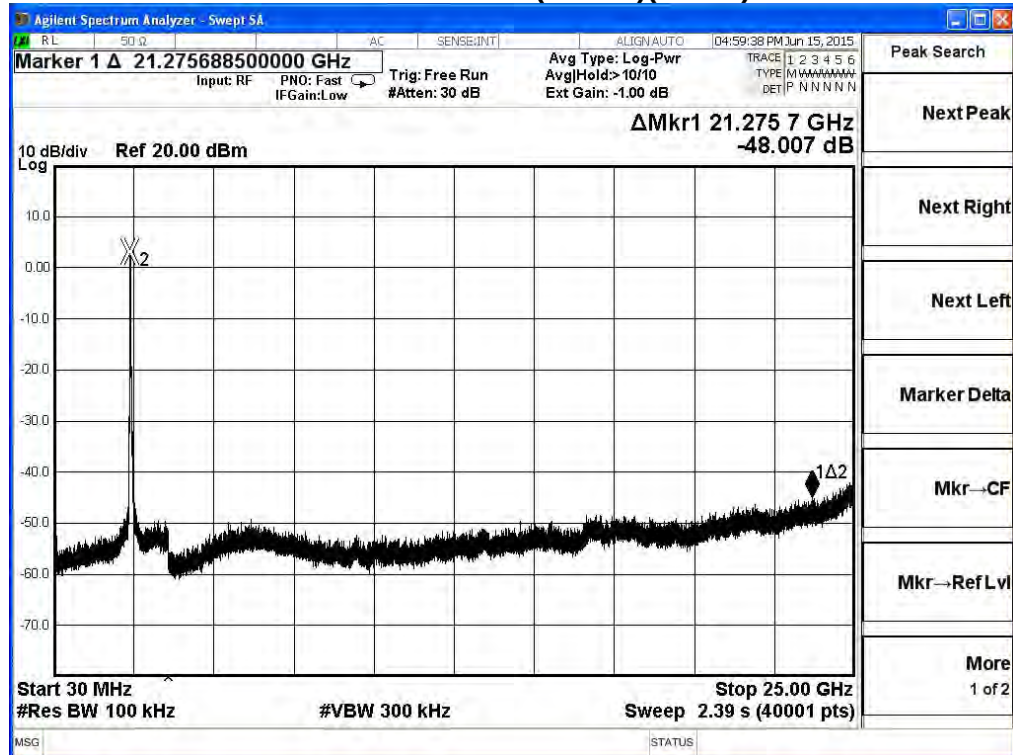
2437MHz-802.11n (20MHz)(ANT 1)



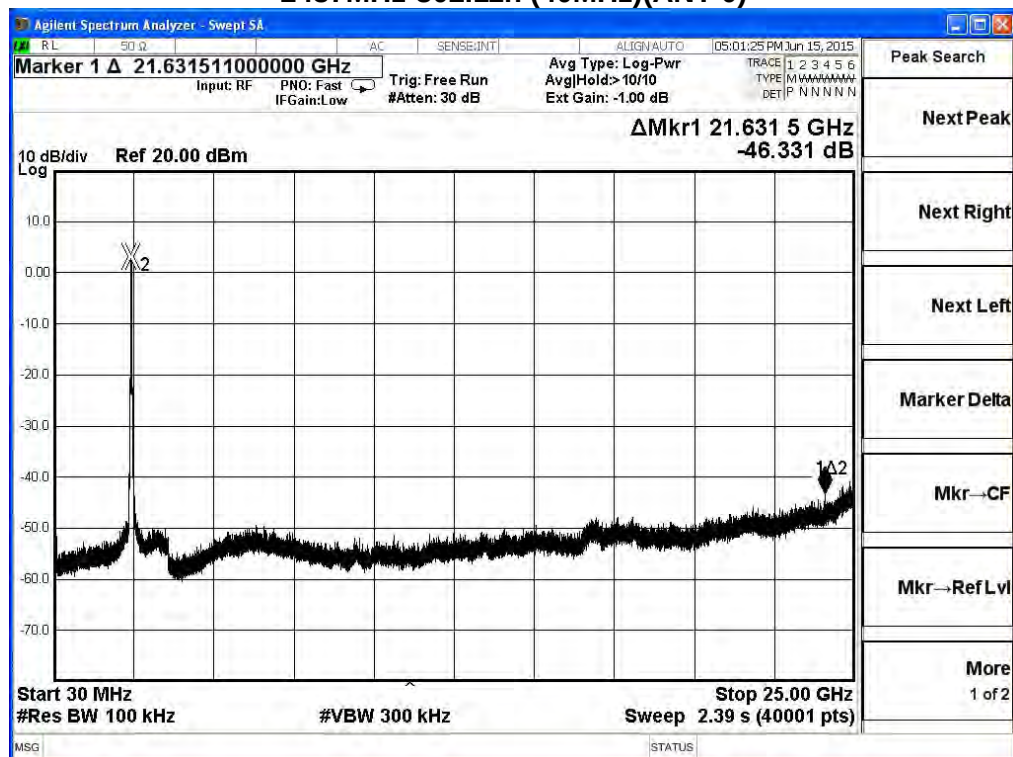
2462MHz-802.11n (20MHz)(ANT 1)



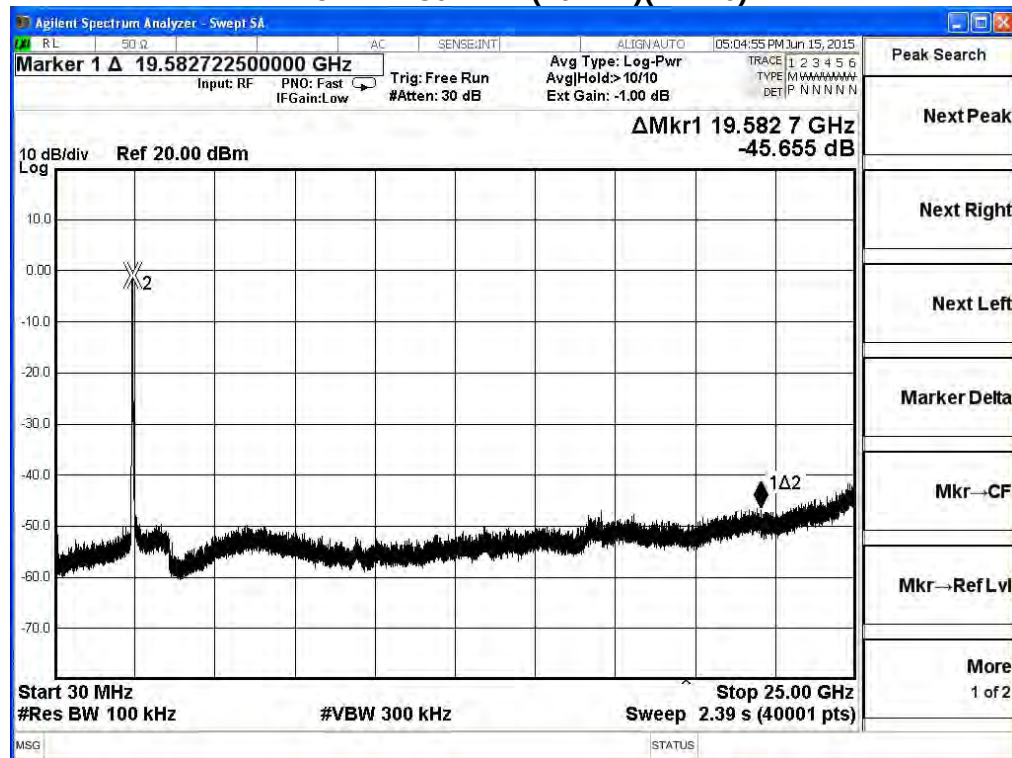
2422MHz- 802.11n (40MHz)(ANT 0)



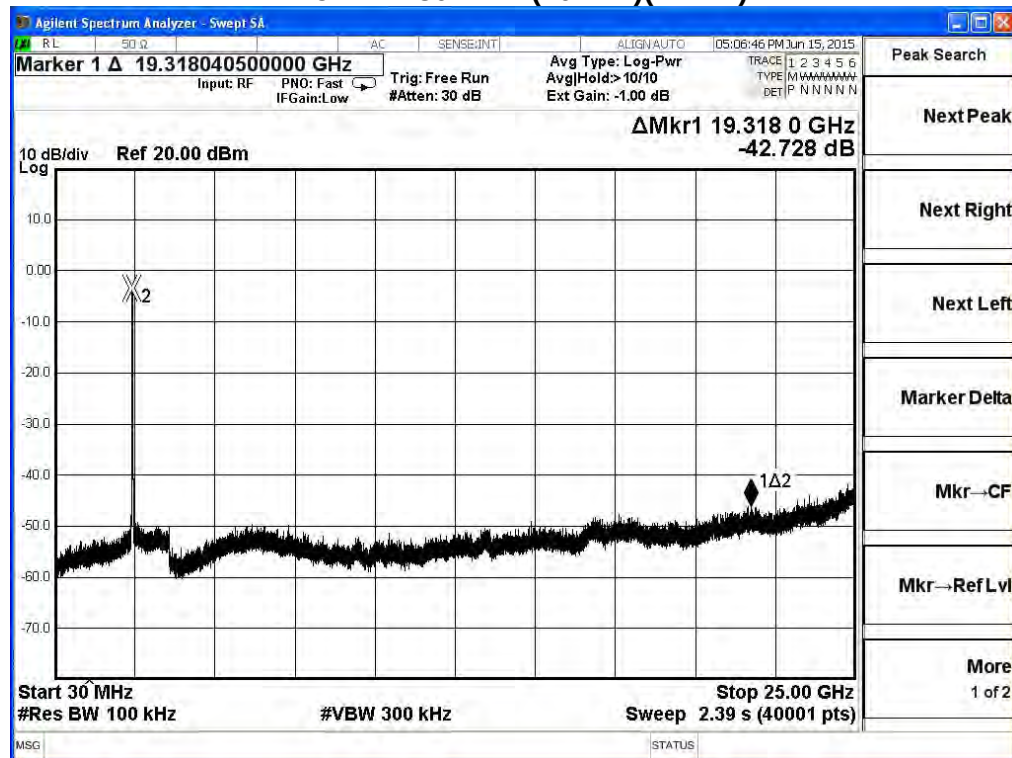
2437MHz-802.11n (40MHz)(ANT 0)



2452MHz-802.11n (40MHz)(ANT 0)



2452MHz-802.11n (40MHz)(ANT 1)



6. Radiated Emission Band Edge

6.1. Test Equipment

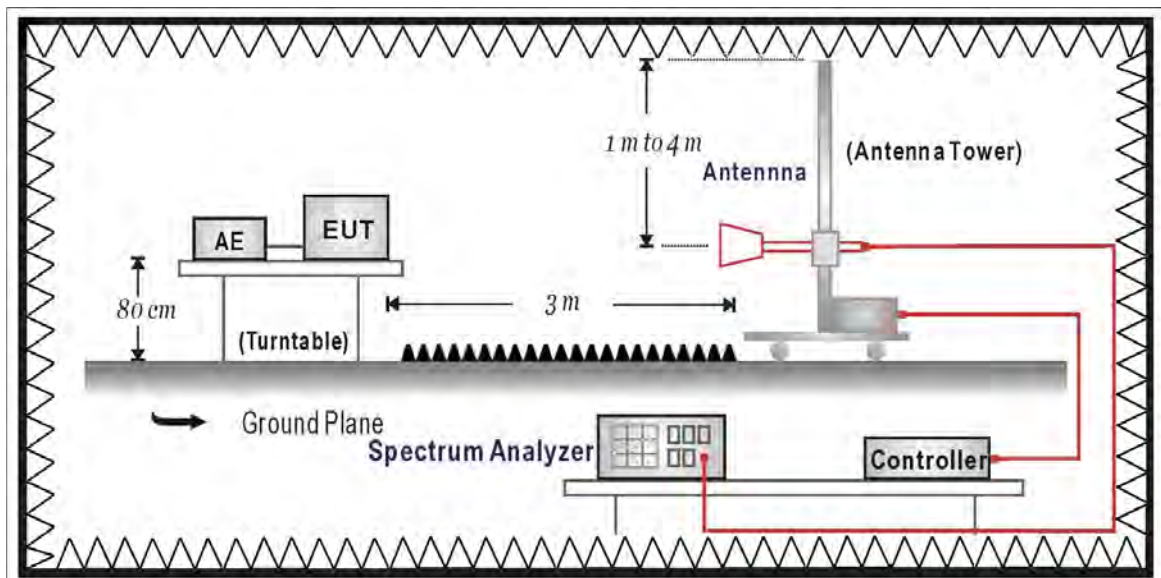
The following test equipments are used during the test:

Radiated Emission Band Edge / CB1

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

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

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 and tested according to DTS test procedure of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements.

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The 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 on radiated measurement.

6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

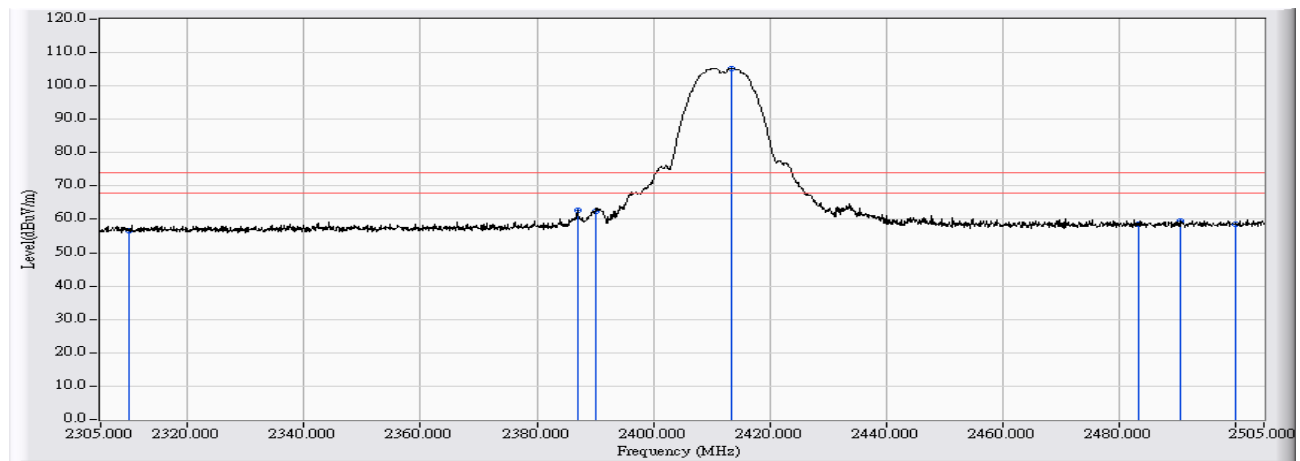
6.6. Uncertainty

The measurement uncertainty
 ± 3.9 dB above 1GHz

6.7. Test Result

Radiated is defined as

Site : CB1	Time : 2015/06/04 - 10:01
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2412MHz

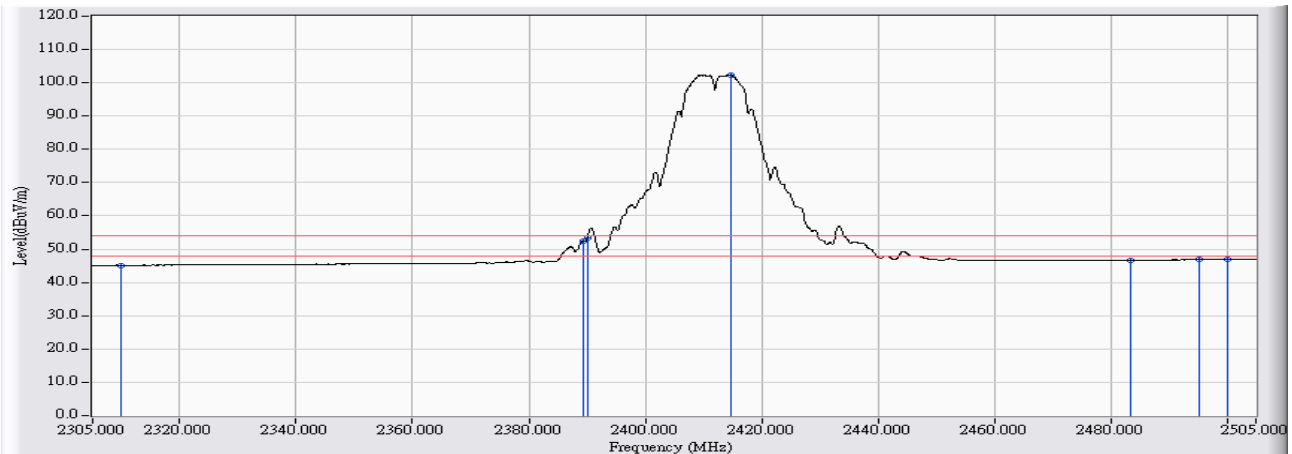


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.366	28.138	56.504	-17.496	74.000	PEAK
2		2387.000	28.697	33.883	62.579	-11.421	74.000	PEAK
3		2390.000	28.709	33.833	62.542	-11.458	74.000	PEAK
4	*	2413.500	28.810	76.490	105.300	31.300	74.000	PEAK
5		2483.500	29.110	29.321	58.431	-15.569	74.000	PEAK
6		2490.700	29.141	30.404	59.545	-14.455	74.000	PEAK
7		2500.000	29.183	29.395	58.577	-15.423	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 : 2015/06/04 - 10:00
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2412MHz

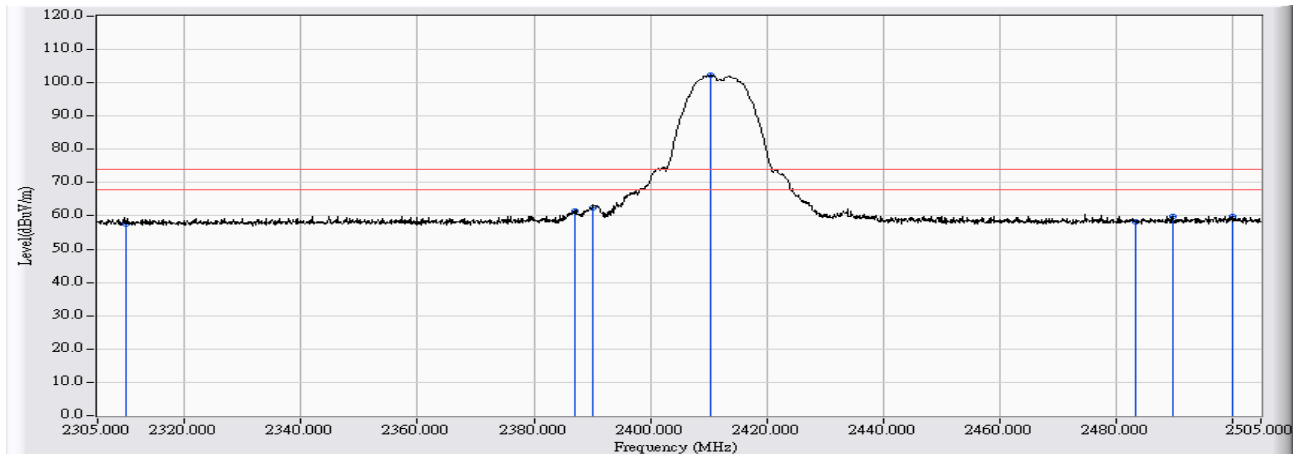


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.777	45.143	-8.857	54.000	AVERAGE
2	2389.400	28.707	23.681	52.388	-1.612	54.000	AVERAGE
3	2390.000	28.709	24.629	53.338	-0.662	54.000	AVERAGE
4	* 2414.700	28.816	73.573	102.388	48.388	54.000	AVERAGE
5	2483.500	29.110	17.614	46.724	-7.276	54.000	AVERAGE
6	2495.200	29.160	17.674	46.834	-7.166	54.000	AVERAGE
7	2500.000	29.183	17.705	46.887	-7.113	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 : 2015/06/04 - 09:34
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2412MHz

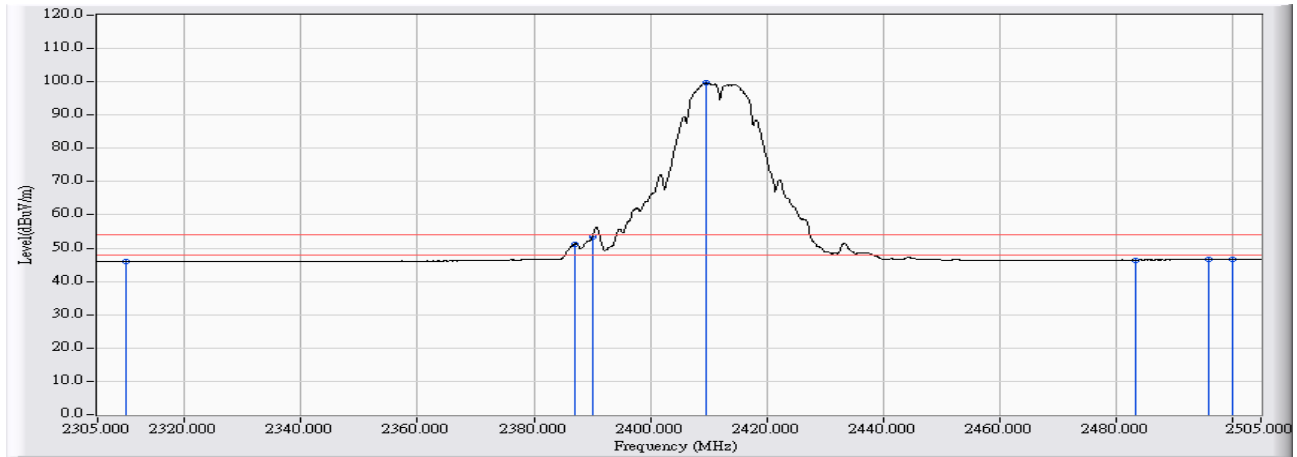


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	29.201	28.365	57.567	-16.433	74.000	PEAK
2		2387.100	29.158	32.334	61.491	-12.509	74.000	PEAK
3		2390.000	29.155	33.317	62.473	-11.527	74.000	PEAK
4	*	2410.500	29.144	73.035	102.179	28.179	74.000	PEAK
5		2483.500	29.102	29.136	58.238	-15.762	74.000	PEAK
6		2489.900	29.097	30.827	59.925	-14.075	74.000	PEAK
7		2500.000	29.094	30.709	59.803	-14.197	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 : 2015/06/04 - 09:43
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2412MHz

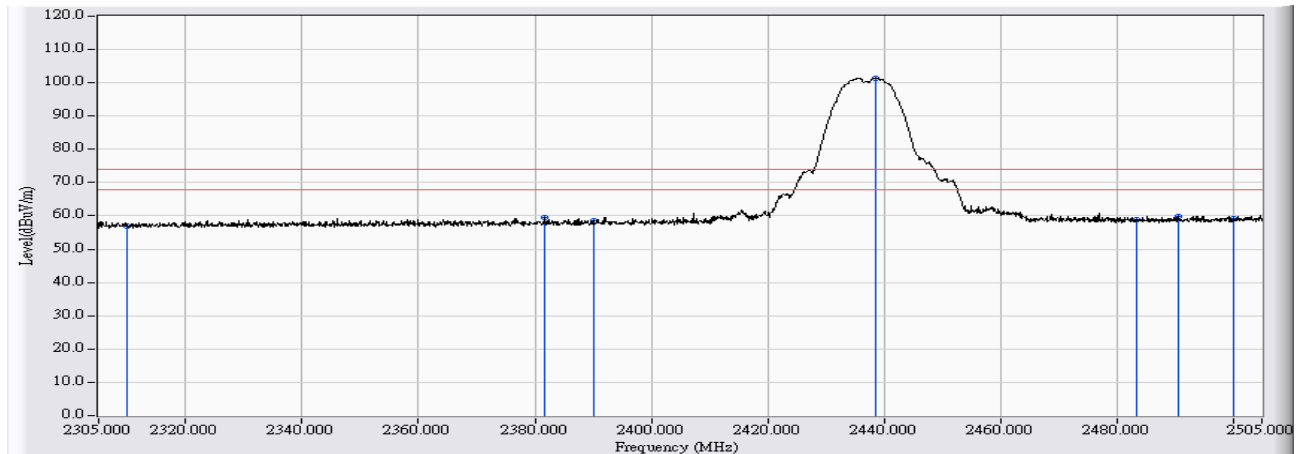


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	16.710	45.912	-8.088	54.000	AVERAGE
2	2387.000	29.158	22.128	51.285	-2.715	54.000	AVERAGE
3	2390.000	29.155	24.128	53.284	-0.716	54.000	AVERAGE
4	* 2409.600	29.144	70.454	99.598	45.598	54.000	AVERAGE
5	2483.500	29.102	17.361	46.463	-7.537	54.000	AVERAGE
6	2495.900	29.094	17.496	46.590	-7.410	54.000	AVERAGE
7	2500.000	29.094	17.512	46.606	-7.394	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 : 2015/06/09 - 19:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

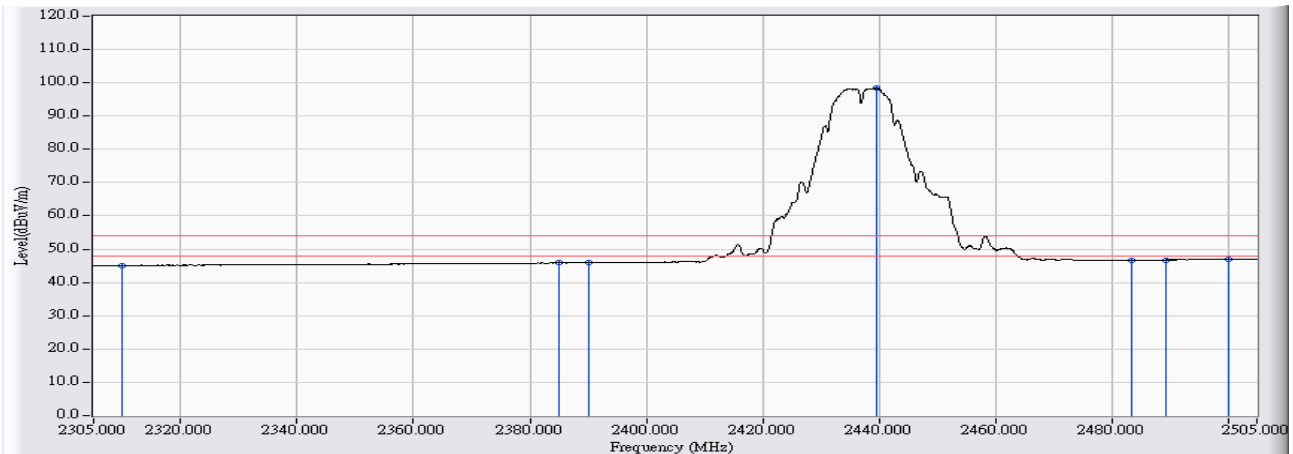


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	28.730	57.096	-16.904	74.000	PEAK
2	2381.700	28.673	30.876	59.550	-14.450	74.000	PEAK
3	2390.000	28.709	29.762	58.471	-15.529	74.000	PEAK
4	* 2438.500	28.917	72.486	101.403	27.403	74.000	PEAK
5	2483.500	29.110	29.868	58.978	-15.022	74.000	PEAK
6	2490.700	29.141	30.725	59.866	-14.134	74.000	PEAK
7	2500.000	29.183	29.917	59.099	-14.901	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 : 2015/06/09 - 19:23
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

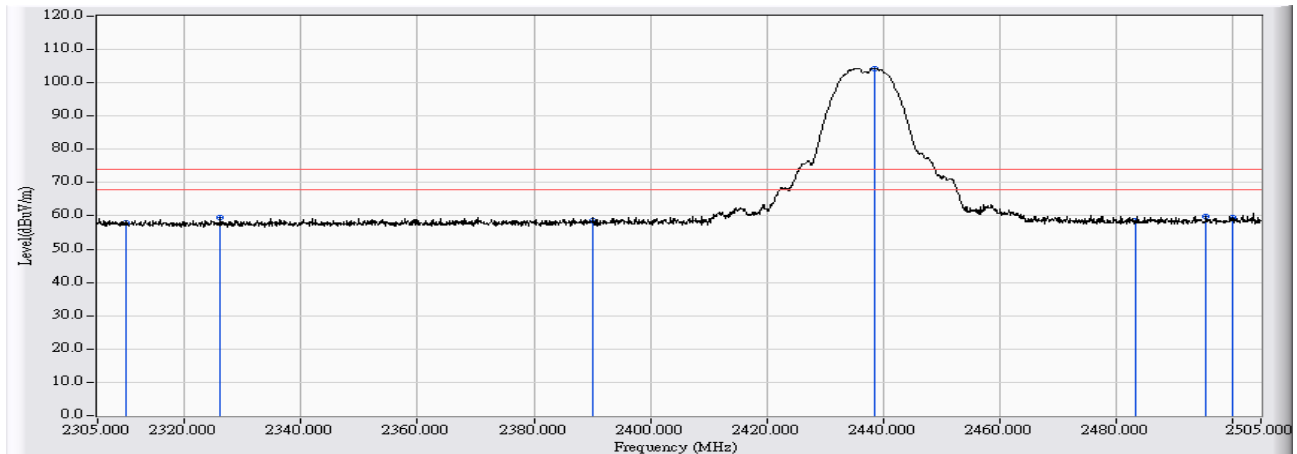


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.738	45.104	-8.896	54.000	AVERAGE
2	2384.900	28.687	17.175	45.862	-8.138	54.000	AVERAGE
3	2390.000	28.709	17.192	45.901	-8.099	54.000	AVERAGE
4	* 2439.700	28.923	69.548	98.470	44.470	54.000	AVERAGE
5	2483.500	29.110	17.613	46.723	-7.277	54.000	AVERAGE
6	2489.300	29.135	17.668	46.803	-7.197	54.000	AVERAGE
7	2500.000	29.183	17.661	46.843	-7.157	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 : 2015/06/09 - 19:28
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

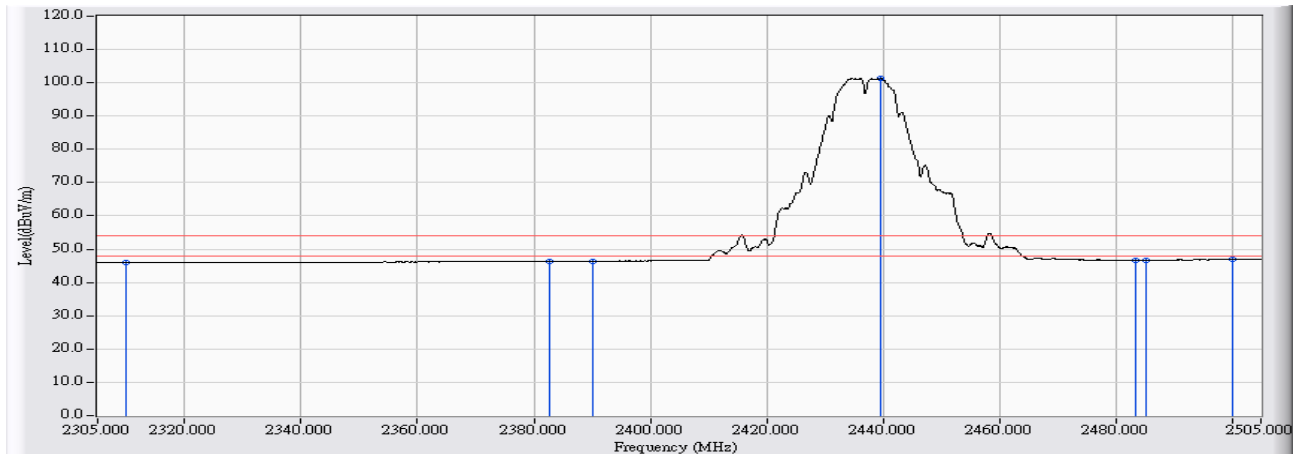


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	28.620	57.822	-16.178	74.000	PEAK
2	2326.100	29.192	30.268	59.460	-14.540	74.000	PEAK
3	2390.000	29.155	29.441	58.597	-15.403	74.000	PEAK
4	* 2438.500	29.128	75.216	104.344	30.344	74.000	PEAK
5	2483.500	29.102	29.361	58.463	-15.537	74.000	PEAK
6	2495.600	29.094	30.683	59.778	-14.222	74.000	PEAK
7	2500.000	29.094	30.348	59.442	-14.558	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 : 2015/06/09 - 19:29
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2437MHz

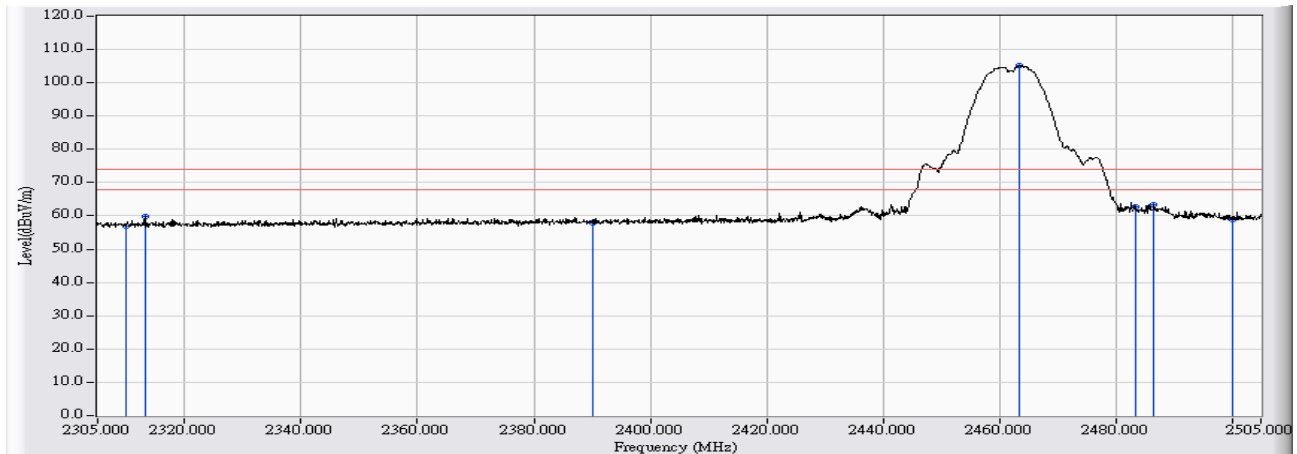


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	29.201	16.739	45.941	-8.059	54.000	AVERAGE
2		2382.600	29.160	17.175	46.335	-7.665	54.000	AVERAGE
3		2390.000	29.155	17.190	46.346	-7.654	54.000	AVERAGE
4	*	2439.700	29.127	72.219	101.346	47.346	54.000	AVERAGE
5		2483.500	29.102	17.671	46.773	-7.227	54.000	AVERAGE
6		2485.200	29.100	17.690	46.791	-7.209	54.000	AVERAGE
7		2500.000	29.094	17.766	46.860	-7.140	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 : 2015/06/04 - 10:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2462MHz

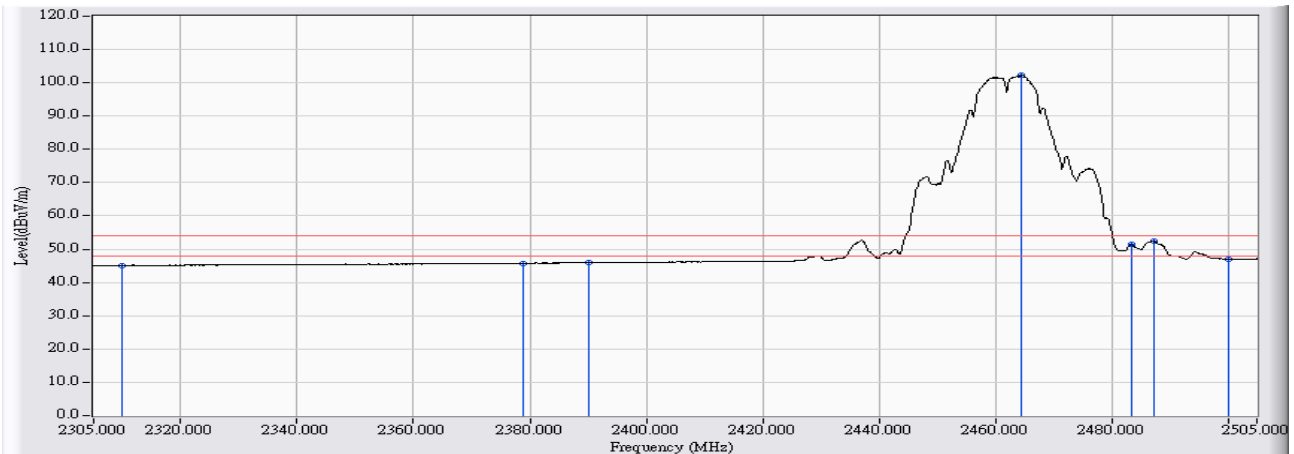


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	28.714	57.080	-16.920	74.000	PEAK
2	2313.100	28.379	31.529	59.908	-14.092	74.000	PEAK
3	2390.000	28.709	29.107	57.816	-16.184	74.000	PEAK
4	* 2463.500	29.024	76.085	105.109	31.109	74.000	PEAK
5	2483.500	29.110	33.487	62.597	-11.403	74.000	PEAK
6	2486.600	29.124	34.360	63.483	-10.517	74.000	PEAK
7	2500.000	29.183	29.785	58.967	-15.033	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 : 2015/06/04 - 10:18
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2462MHz

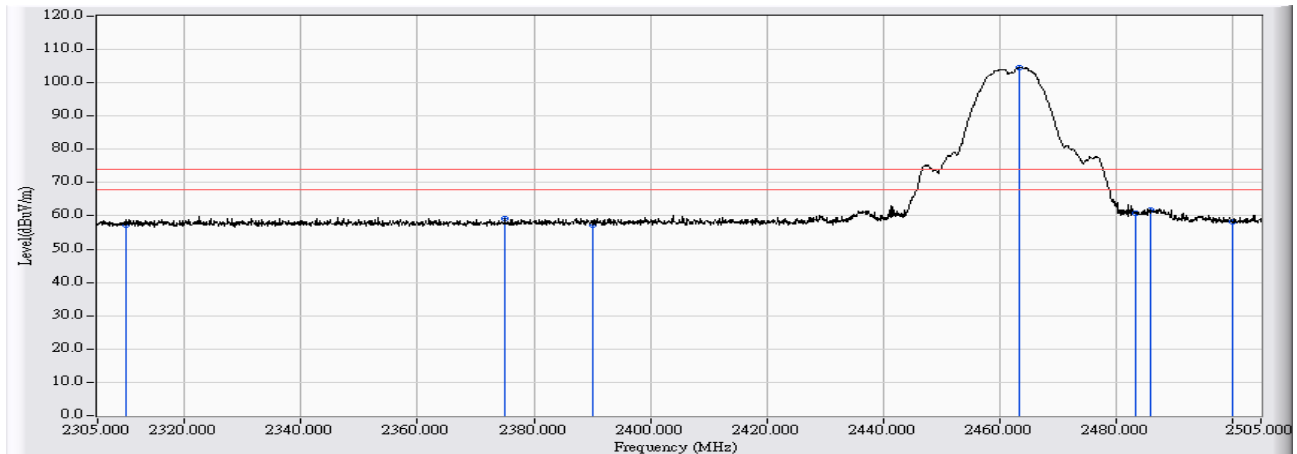


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.796	45.162	-8.838	54.000	AVERAGE
2	2378.800	28.662	17.133	45.794	-8.206	54.000	AVERAGE
3	2390.000	28.709	17.210	45.919	-8.081	54.000	AVERAGE
4	* 2464.600	29.029	73.150	102.179	48.179	54.000	AVERAGE
5	2483.500	29.110	22.250	51.360	-2.640	54.000	AVERAGE
6	2487.200	29.126	23.202	52.328	-1.672	54.000	AVERAGE
7	2500.000	29.183	17.834	47.016	-6.984	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 : 2015/06/04 - 10:29
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2462MHz

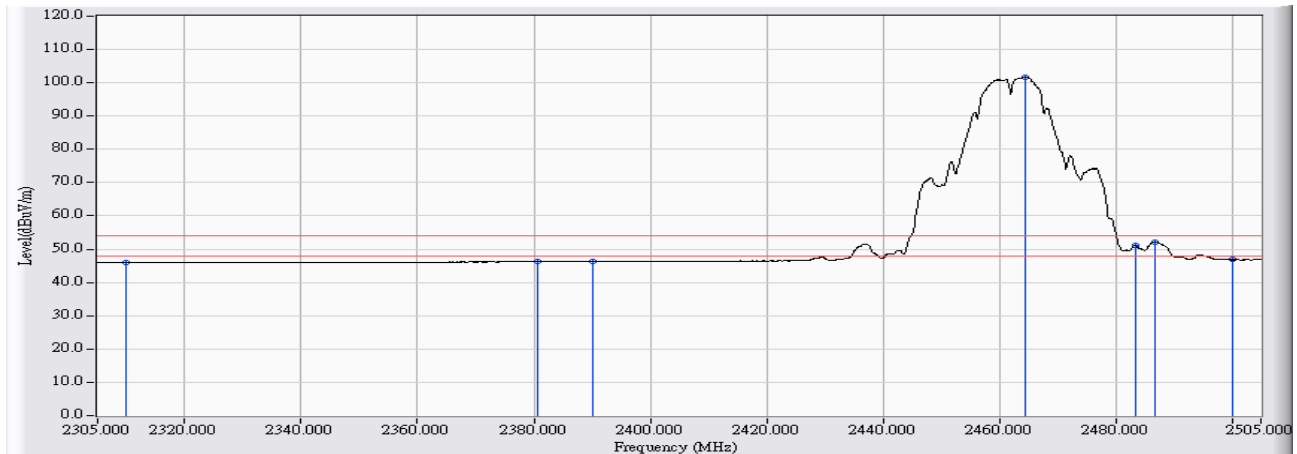


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	28.152	57.354	-16.646	74.000	PEAK
2	2375.000	29.164	30.094	59.258	-14.742	74.000	PEAK
3	2390.000	29.155	28.111	57.267	-16.733	74.000	PEAK
4	* 2463.500	29.113	75.537	104.650	30.650	74.000	PEAK
5	2483.500	29.102	31.700	60.802	-13.198	74.000	PEAK
6	2486.100	29.100	32.803	61.903	-12.097	74.000	PEAK
7	2500.000	29.094	28.977	58.071	-15.929	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 : 2015/06/04 - 10:27
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11b 2462MHz

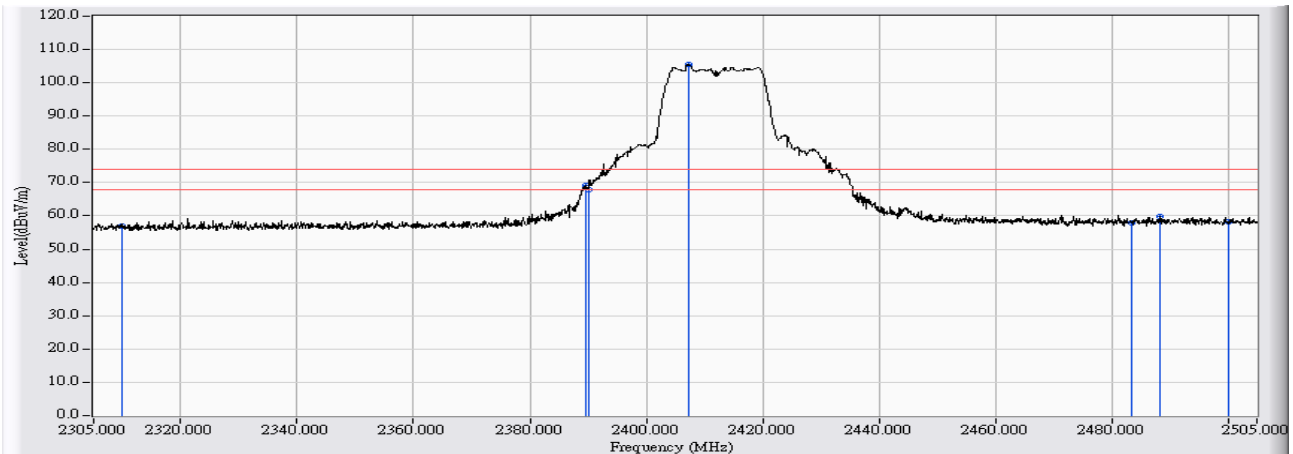


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	16.747	45.949	-8.051	54.000	AVERAGE
2	2380.600	29.161	17.091	46.252	-7.748	54.000	AVERAGE
3	2390.000	29.155	17.152	46.308	-7.692	54.000	AVERAGE
4	* 2464.600	29.113	72.697	101.810	47.810	54.000	AVERAGE
5	2483.500	29.102	21.998	51.100	-2.900	54.000	AVERAGE
6	2486.900	29.100	23.074	52.174	-1.826	54.000	AVERAGE
7	2500.000	29.094	17.724	46.818	-7.182	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 : 2015/06/04 - 11:13
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2412MHz

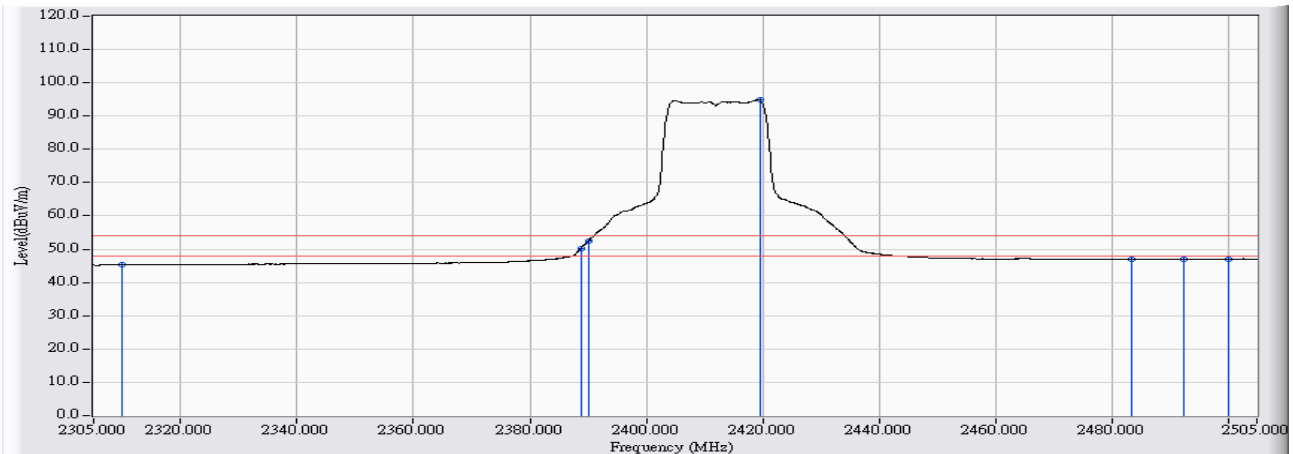


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.366	28.677	57.043	-16.957	74.000	PEAK
2		2389.600	28.708	40.434	69.141	-4.859	74.000	PEAK
3		2390.000	28.709	39.127	67.836	-6.164	74.000	PEAK
4	*	2407.200	28.783	76.761	105.544	31.544	74.000	PEAK
5		2483.500	29.110	28.852	57.962	-16.038	74.000	PEAK
6		2488.400	29.131	30.671	59.802	-14.198	74.000	PEAK
7		2500.000	29.183	28.986	58.168	-15.832	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 : 2015/06/04 - 11:12
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2412MHz

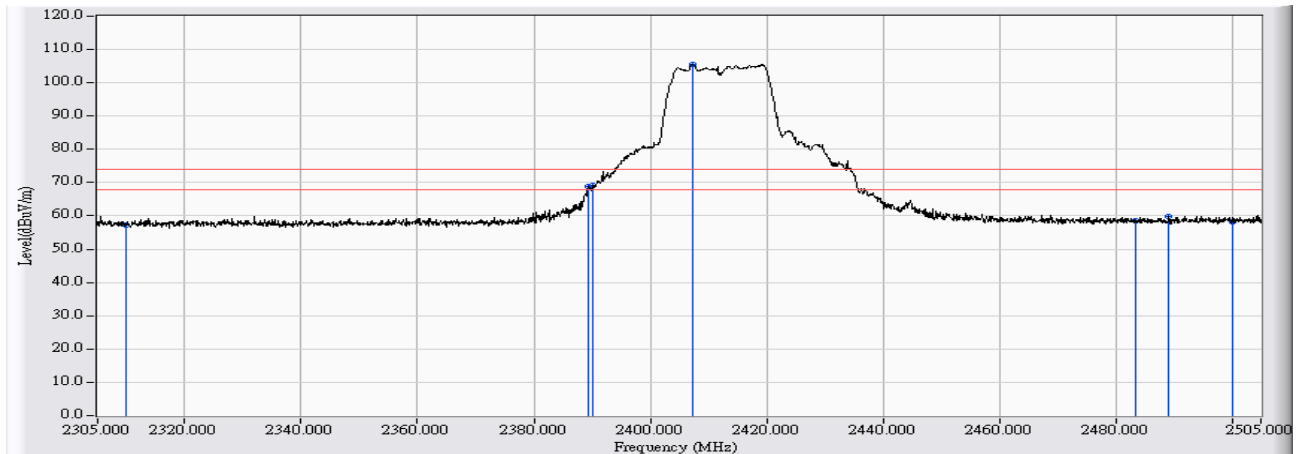


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.366	16.908	45.274	-8.726	54.000	AVERAGE
2		2388.800	28.704	21.614	50.318	-3.682	54.000	AVERAGE
3		2390.000	28.709	23.687	52.396	-1.604	54.000	AVERAGE
4	*	2419.500	28.836	65.927	94.763	40.763	54.000	AVERAGE
5		2483.500	29.110	17.870	46.980	-7.020	54.000	AVERAGE
6		2492.400	29.149	17.848	46.996	-7.004	54.000	AVERAGE
7		2500.000	29.183	17.811	46.993	-7.007	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 : 2015/06/04 - 11:26
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2412MHz

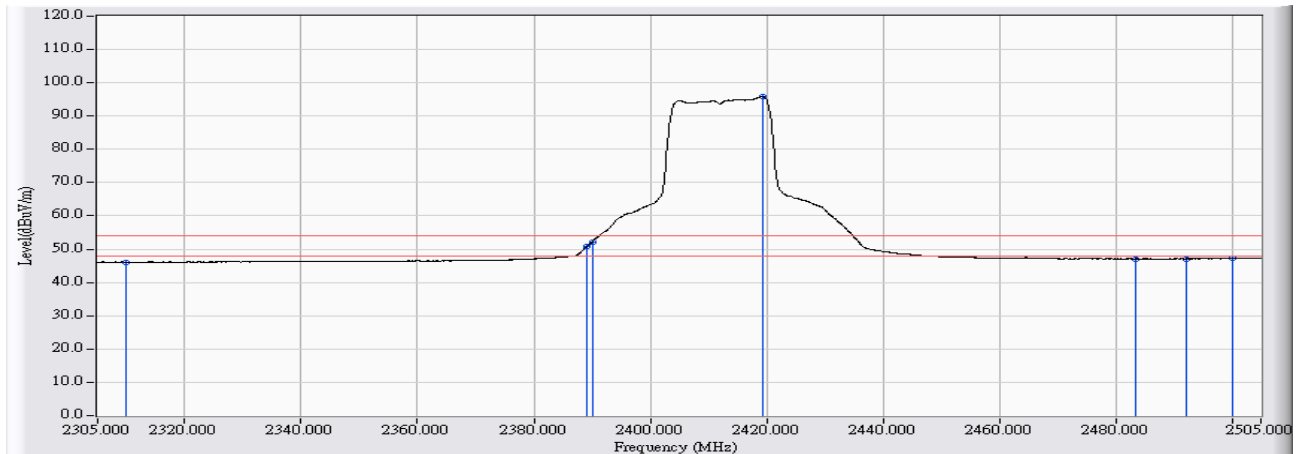


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	28.194	57.396	-16.604	74.000	PEAK
2	2389.300	29.156	39.607	68.763	-5.237	74.000	PEAK
3	2390.000	29.155	40.167	69.323	-4.677	74.000	PEAK
4	* 2407.300	29.145	76.434	105.580	31.580	74.000	PEAK
5	2483.500	29.102	29.464	58.566	-15.434	74.000	PEAK
6	2489.200	29.099	30.804	59.902	-14.098	74.000	PEAK
7	2500.000	29.094	29.192	58.286	-15.714	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 : 2015/06/04 - 11:24
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2412MHz

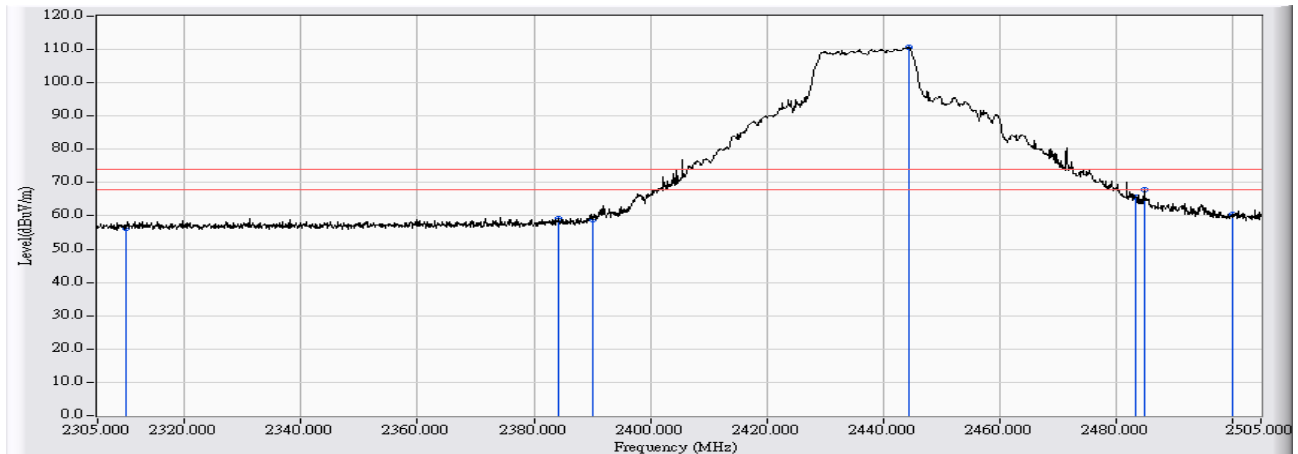


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	29.201	16.910	46.112	-7.888	54.000	AVERAGE
2		2389.100	29.156	21.630	50.786	-3.214	54.000	AVERAGE
3		2390.000	29.155	23.029	52.185	-1.815	54.000	AVERAGE
4	*	2419.300	29.139	66.723	95.862	41.862	54.000	AVERAGE
5		2483.500	29.102	18.026	47.128	-6.872	54.000	AVERAGE
6		2492.100	29.097	17.999	47.096	-6.904	54.000	AVERAGE
7		2500.000	29.094	18.063	47.157	-6.843	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 : 2015/06/04 - 11:46
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

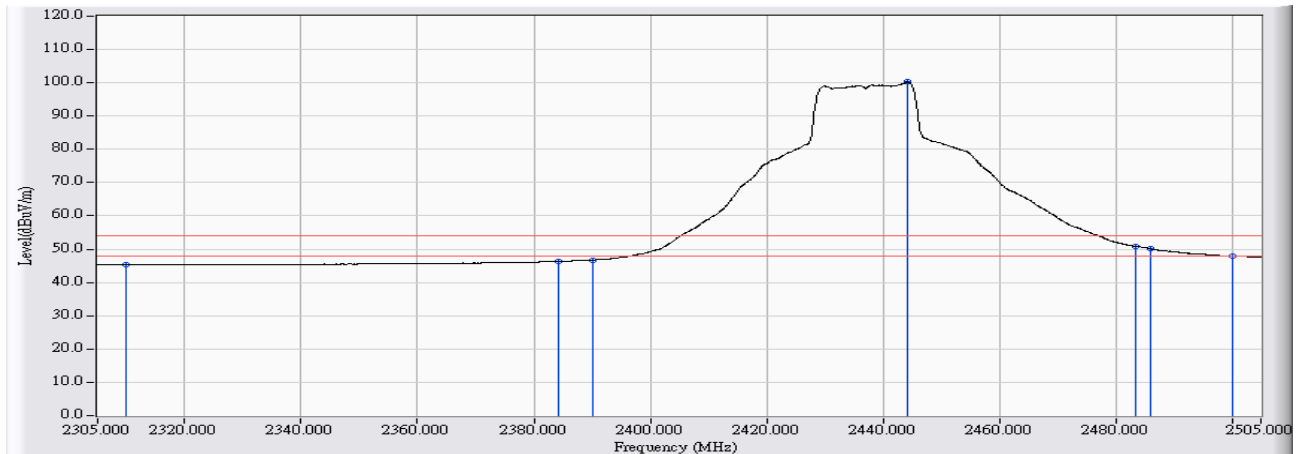


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	28.085	56.451	-17.549	74.000	PEAK
2	2384.200	28.685	30.609	59.293	-14.707	74.000	PEAK
3	2390.000	28.709	30.258	58.967	-15.033	74.000	PEAK
4	* 2444.400	28.943	81.816	110.758	36.758	74.000	PEAK
5	2483.500	29.110	36.508	65.618	-8.382	74.000	PEAK
6	2484.900	29.116	38.670	67.786	-6.214	74.000	PEAK
7	2500.000	29.183	31.403	60.585	-13.415	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 : 2015/06/04 - 11:45
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

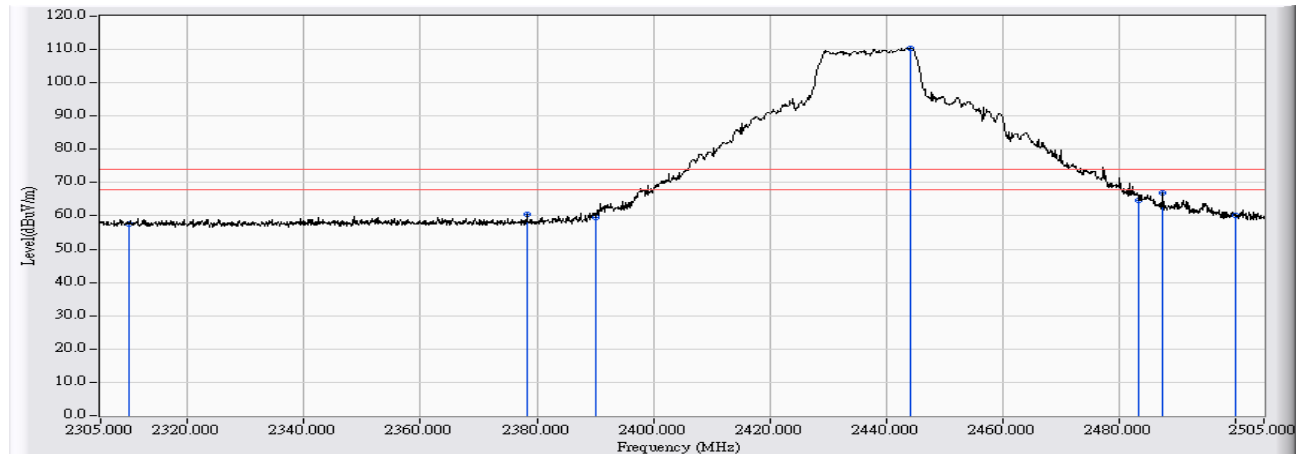


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.366	16.939	45.305	-8.695	54.000	AVERAGE
2		2384.200	28.685	17.702	46.386	-7.614	54.000	AVERAGE
3		2390.000	28.709	18.042	46.751	-7.249	54.000	AVERAGE
4	*	2444.200	28.942	71.298	100.240	46.240	54.000	AVERAGE
5		2483.500	29.110	21.705	50.815	-3.185	54.000	AVERAGE
6		2485.900	29.121	20.979	50.099	-3.901	54.000	AVERAGE
7		2500.000	29.183	18.792	47.974	-6.026	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 : 2015/06/04 - 11:38
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

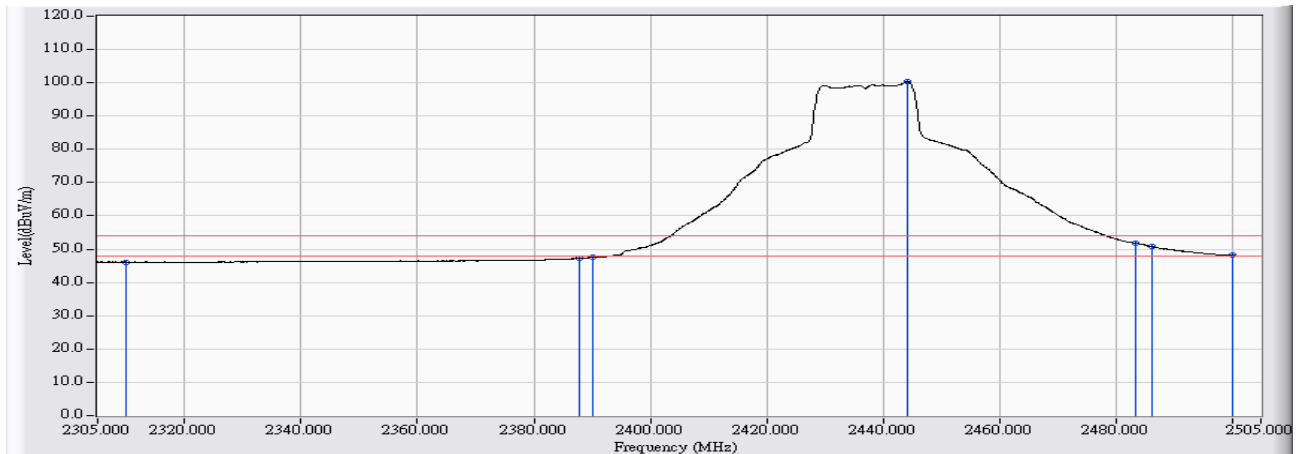


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	28.499	57.701	-16.299	74.000	PEAK
2	2378.300	29.163	31.418	60.580	-13.420	74.000	PEAK
3	2390.000	29.155	30.406	59.562	-14.438	74.000	PEAK
4	* 2444.300	29.124	81.323	110.447	36.447	74.000	PEAK
5	2483.500	29.102	35.634	64.736	-9.264	74.000	PEAK
6	2487.600	29.099	37.684	66.783	-7.217	74.000	PEAK
7	2500.000	29.094	31.062	60.156	-13.844	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 : 2015/06/04 - 11:35
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2437MHz

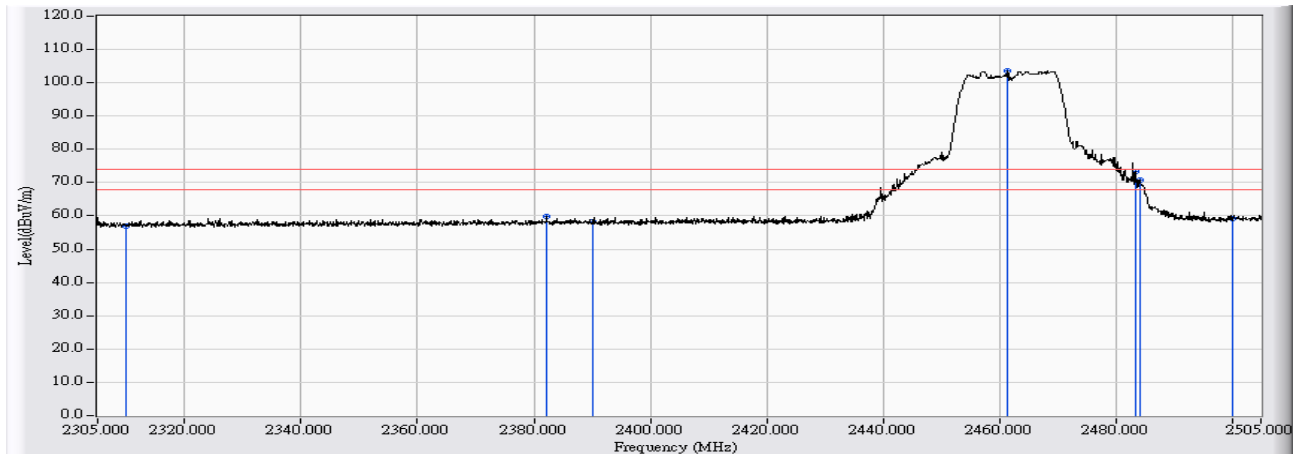


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	16.944	46.146	-7.854	54.000	AVERAGE
2	2387.800	29.157	18.096	47.253	-6.747	54.000	AVERAGE
3	2390.000	29.155	18.340	47.496	-6.504	54.000	AVERAGE
4	* 2444.200	29.124	71.164	100.288	46.288	54.000	AVERAGE
5	2483.500	29.102	22.673	51.775	-2.225	54.000	AVERAGE
6	2486.200	29.100	21.741	50.841	-3.159	54.000	AVERAGE
7	2500.000	29.094	19.036	48.130	-5.870	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 : 2015/06/04 - 11:01
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2462MHz

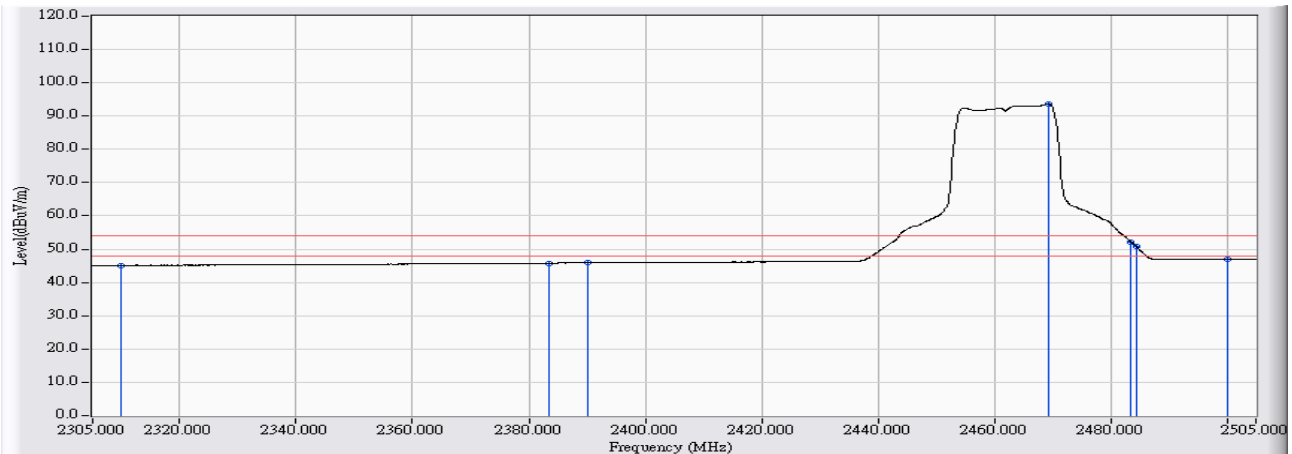


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	28.440	56.806	-17.194	74.000	PEAK
2	2382.200	28.675	31.312	59.988	-14.012	74.000	PEAK
3	2390.000	28.709	29.545	58.254	-15.746	74.000	PEAK
4	* 2461.300	29.015	74.600	103.615	29.615	74.000	PEAK
5	2483.500	29.110	44.124	73.234	-0.766	74.000	PEAK
6	2484.200	29.114	41.628	70.741	-3.259	74.000	PEAK
7	2500.000	29.183	29.998	59.180	-14.820	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.

Site : CB1	Time : 2015/06/04 - 10:57
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2462MHz

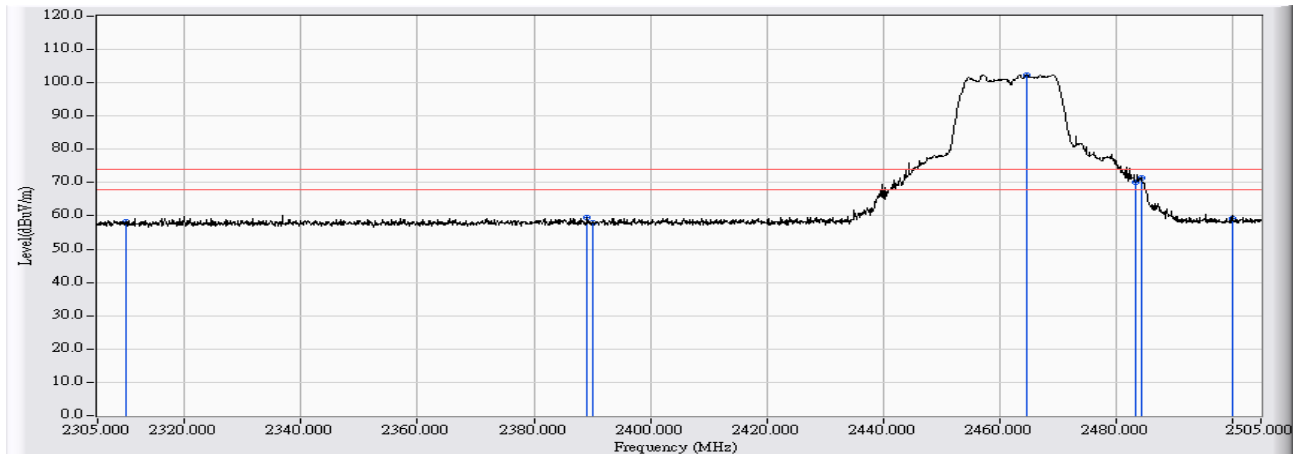


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.785	45.151	-8.849	54.000	AVERAGE
2	2383.400	28.681	17.113	45.794	-8.206	54.000	AVERAGE
3	2390.000	28.709	17.228	45.937	-8.063	54.000	AVERAGE
4	* 2469.300	29.049	64.643	93.692	39.692	54.000	AVERAGE
5	2483.500	29.110	23.146	52.256	-1.744	54.000	AVERAGE
6	2484.400	29.114	21.726	50.840	-3.160	54.000	AVERAGE
7	2500.000	29.183	17.746	46.928	-7.072	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 : 2015/06/04 - 10:46
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2462MHz

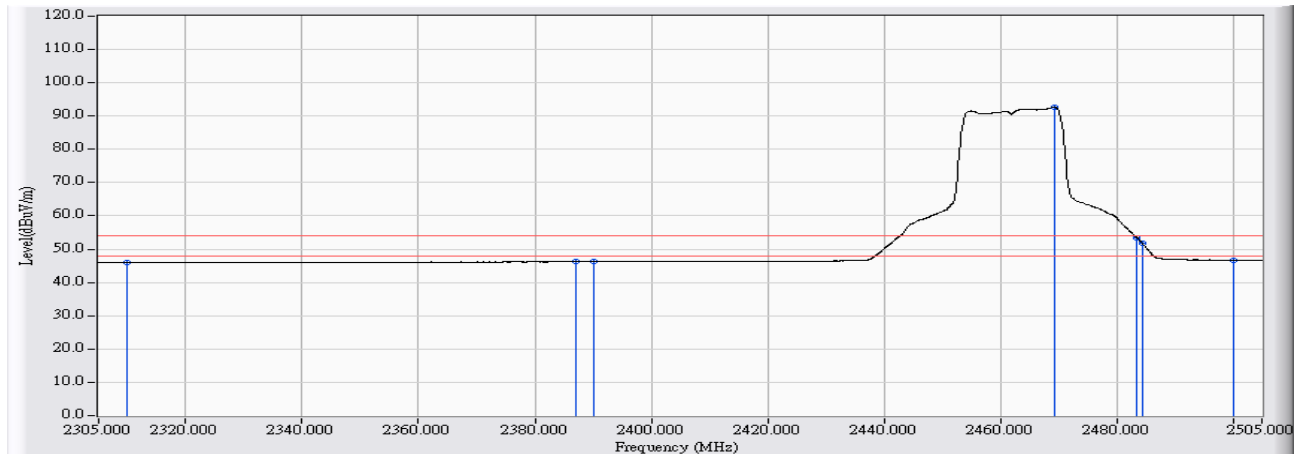


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	29.015	58.217	-15.783	74.000	PEAK
2	2389.200	29.156	30.259	59.415	-14.585	74.000	PEAK
3	2390.000	29.155	28.891	58.047	-15.953	74.000	PEAK
4	* 2464.700	29.113	73.305	102.417	28.417	74.000	PEAK
5	2483.500	29.102	41.045	70.147	-3.853	74.000	PEAK
6	2484.400	29.101	42.203	71.304	-2.696	74.000	PEAK
7	2500.000	29.094	30.117	59.211	-14.789	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 10:44
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11g 2462MHz

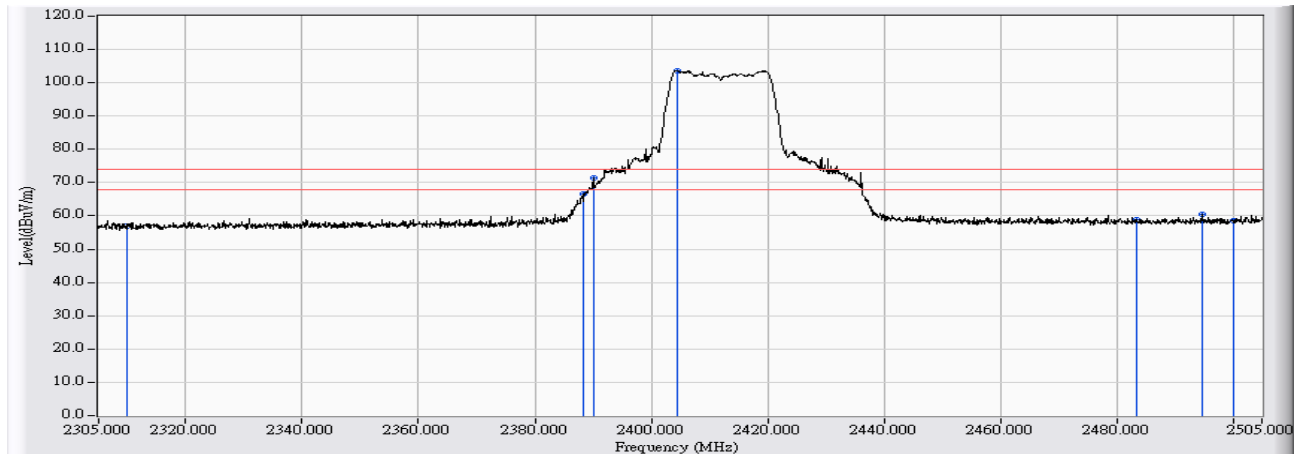


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	16.726	45.928	-8.072	54.000	AVERAGE
2	2387.100	29.158	17.093	46.250	-7.750	54.000	AVERAGE
3	2390.000	29.155	17.069	46.225	-7.775	54.000	AVERAGE
4	* 2469.400	29.110	63.559	92.669	38.669	54.000	AVERAGE
5	2483.500	29.102	24.393	53.495	-0.505	54.000	AVERAGE
6	2484.400	29.101	22.728	51.829	-2.171	54.000	AVERAGE
7	2500.000	29.094	17.605	46.699	-7.301	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 : 2015/06/04 - 11:58
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2412MHz

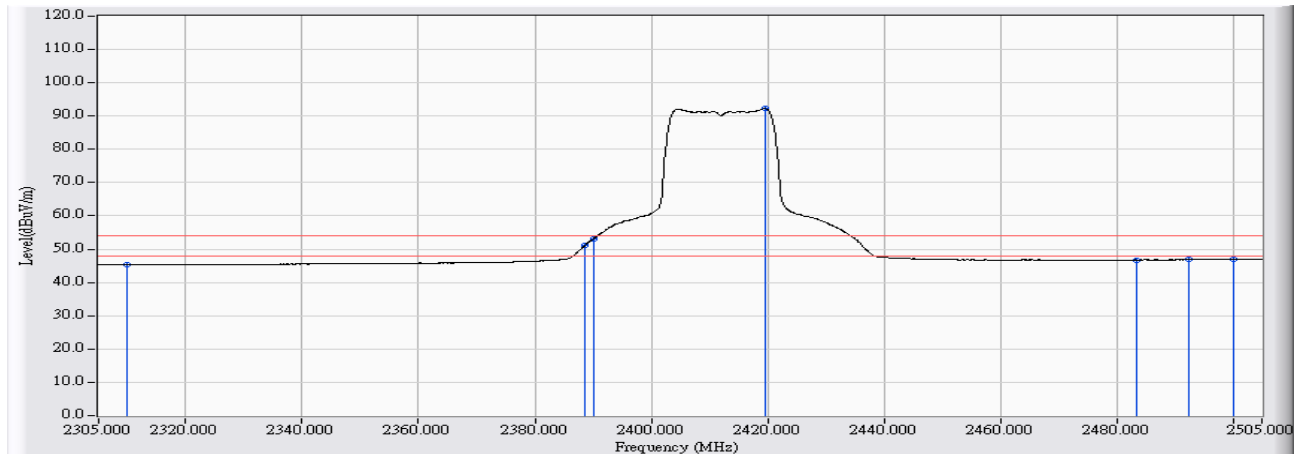


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	28.728	57.094	-16.906	74.000	PEAK
2	2388.400	28.702	38.004	66.706	-7.294	74.000	PEAK
3	2390.000	28.709	42.623	71.332	-2.668	74.000	PEAK
4	* 2404.600	28.772	74.970	103.742	29.742	74.000	PEAK
5	2483.500	29.110	29.815	58.925	-15.075	74.000	PEAK
6	2494.800	29.159	31.472	60.631	-13.369	74.000	PEAK
7	2500.000	29.183	29.265	58.447	-15.553	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.

Site : CB1	Time : 2015/06/04 - 11:56
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2412MHz

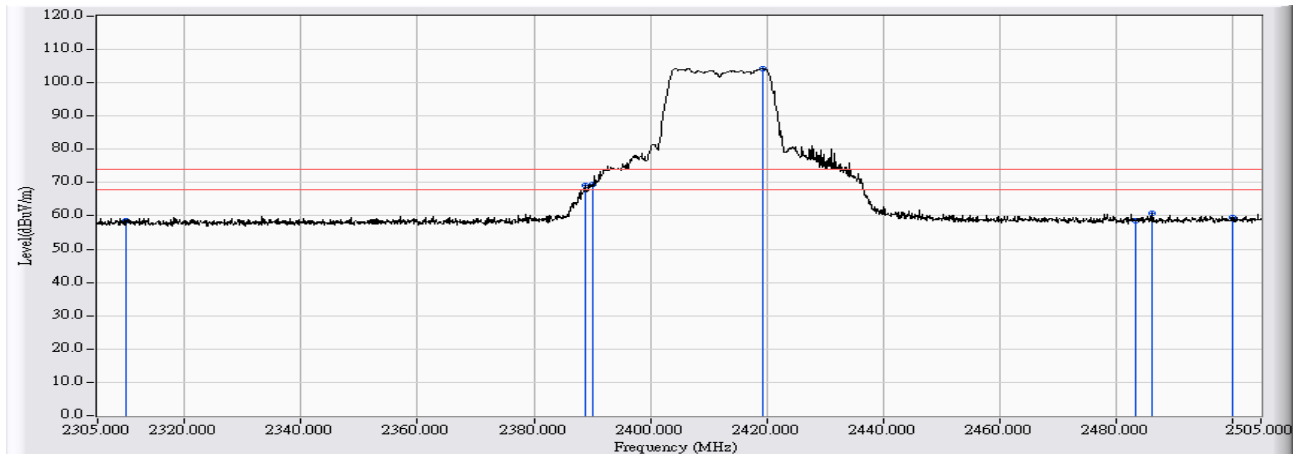


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.921	45.287	-8.713	54.000	AVERAGE
2	2388.700	28.704	22.587	51.291	-2.709	54.000	AVERAGE
3	2390.000	28.709	24.236	52.945	-1.055	54.000	AVERAGE
4	* 2419.700	28.837	63.364	92.201	38.201	54.000	AVERAGE
5	2483.500	29.110	17.657	46.767	-7.233	54.000	AVERAGE
6	2492.400	29.149	17.688	46.836	-7.164	54.000	AVERAGE
7	2500.000	29.183	17.738	46.920	-7.080	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 : 2015/06/11 - 17:20
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2412MHz

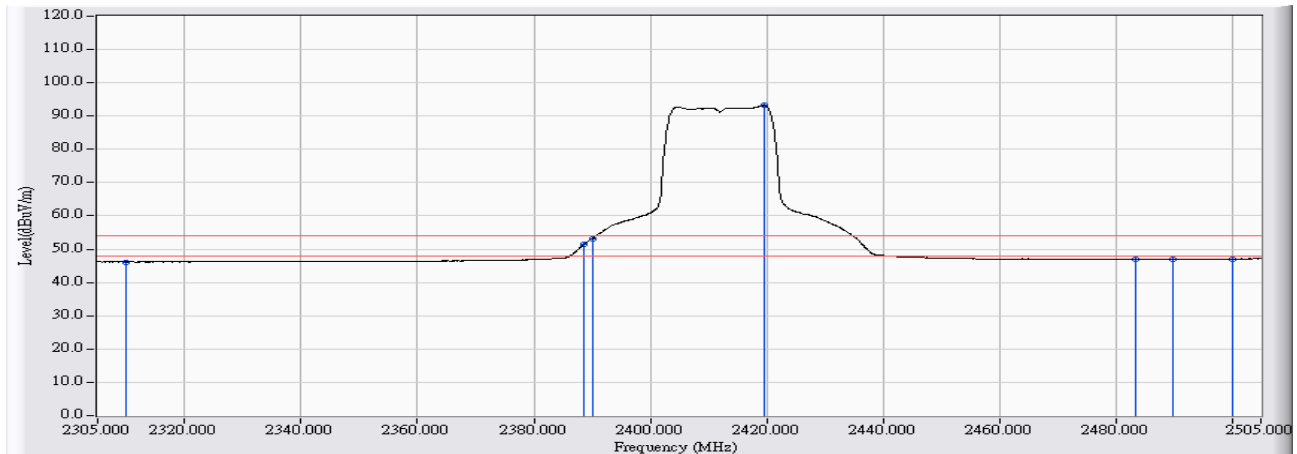


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	29.268	58.470	-15.530	74.000	PEAK
2	2388.800	29.156	39.869	69.025	-4.975	74.000	PEAK
3	2390.000	29.155	40.469	69.625	-4.375	74.000	PEAK
4	* 2419.300	29.139	75.222	104.361	30.361	74.000	PEAK
5	2483.500	29.102	29.359	58.461	-15.539	74.000	PEAK
6	2486.200	29.100	31.781	60.881	-13.119	74.000	PEAK
7	2500.000	29.094	30.340	59.434	-14.566	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 : 2015/06/04 - 13:07
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2412MHz

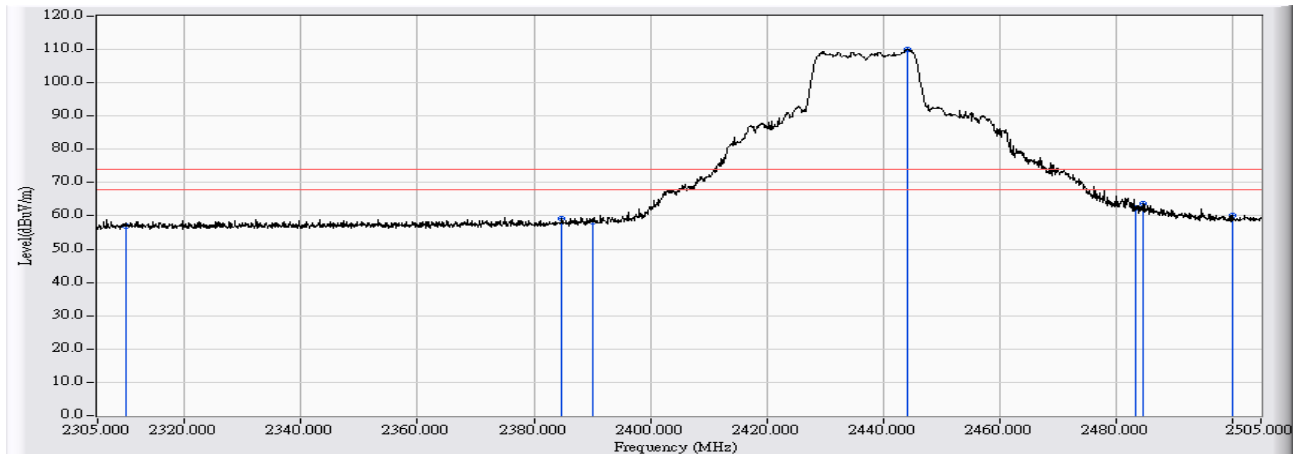


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	29.201	16.955	46.157	-7.843	54.000	AVERAGE
2		2388.500	29.156	22.178	51.334	-2.666	54.000	AVERAGE
3		2390.000	29.155	24.001	53.157	-0.843	54.000	AVERAGE
4	*	2419.500	29.139	64.064	93.203	39.203	54.000	AVERAGE
5		2483.500	29.102	17.836	46.938	-7.062	54.000	AVERAGE
6		2489.800	29.098	17.839	46.937	-7.063	54.000	AVERAGE
7		2500.000	29.094	18.004	47.098	-6.902	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 : 2015/06/04 - 13:42
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

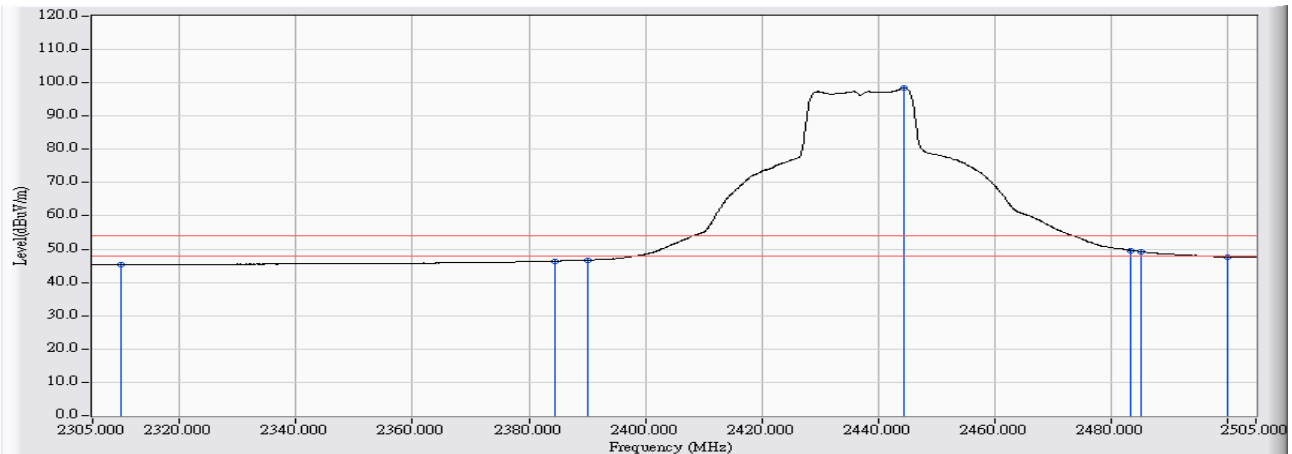


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	28.465	56.831	-17.169	74.000	PEAK
2	2384.800	28.686	30.579	59.266	-14.734	74.000	PEAK
3	2390.000	28.709	29.659	58.368	-15.632	74.000	PEAK
4	* 2444.300	28.942	81.003	109.945	35.945	74.000	PEAK
5	2483.500	29.110	33.378	62.488	-11.512	74.000	PEAK
6	2484.700	29.115	34.560	63.675	-10.325	74.000	PEAK
7	2500.000	29.183	30.886	60.068	-13.932	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 : 2015/06/04 - 13:34
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

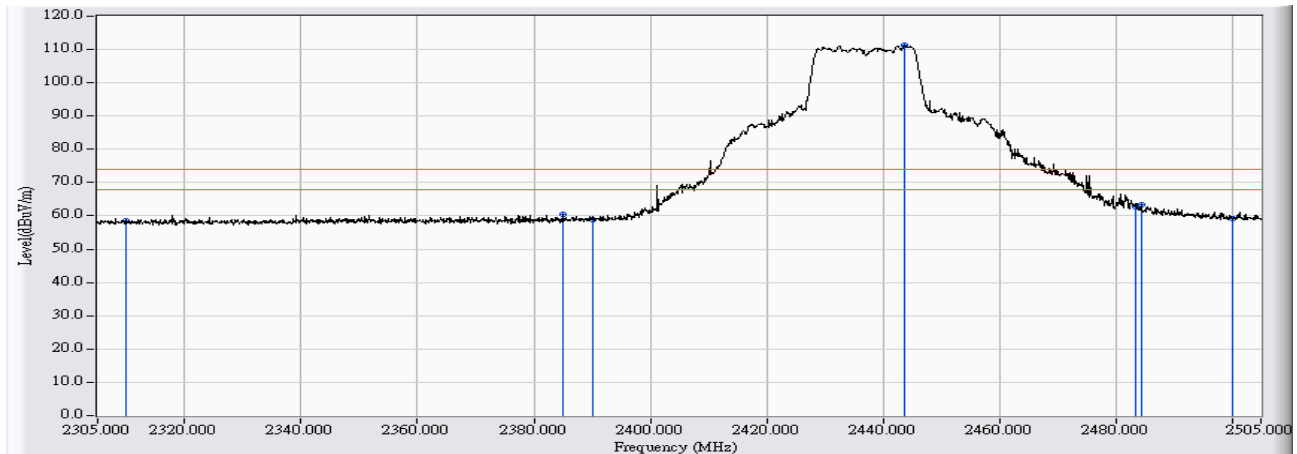


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.366	16.986	45.352	-8.648	54.000	AVERAGE
2		2384.400	28.686	17.730	46.415	-7.585	54.000	AVERAGE
3		2390.000	28.709	17.967	46.676	-7.324	54.000	AVERAGE
4	*	2444.500	28.943	69.522	98.465	44.465	54.000	AVERAGE
5		2483.500	29.110	20.473	49.583	-4.417	54.000	AVERAGE
6		2485.300	29.118	20.108	49.226	-4.774	54.000	AVERAGE
7		2500.000	29.183	18.448	47.630	-6.370	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 : 2015/06/04 - 13:46
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

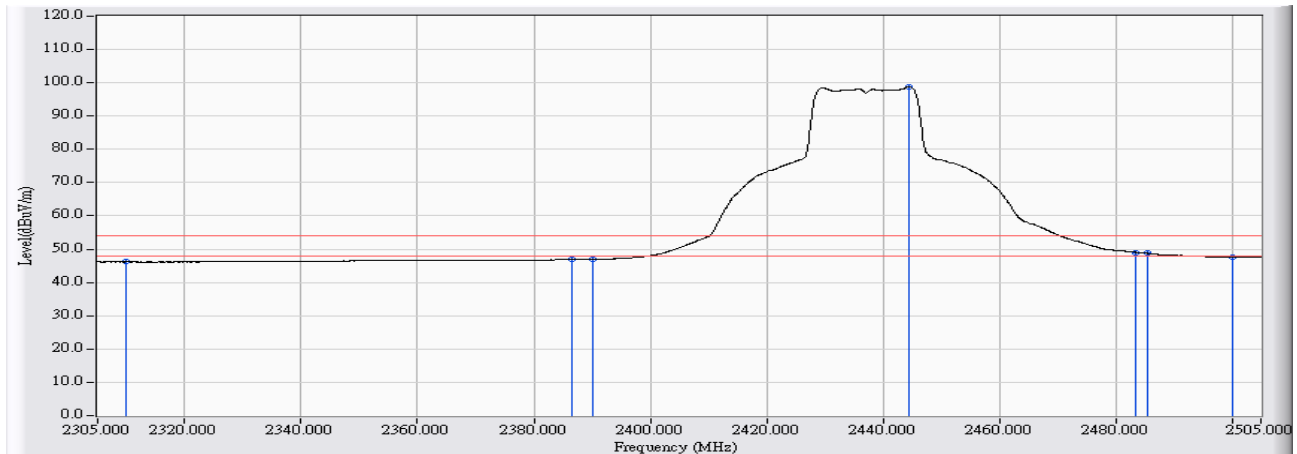


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	29.292	58.494	-15.506	74.000	PEAK
2	2385.100	29.158	31.243	60.401	-13.599	74.000	PEAK
3	2390.000	29.155	29.762	58.918	-15.082	74.000	PEAK
4	* 2443.700	29.124	82.029	111.154	37.154	74.000	PEAK
5	2483.500	29.102	33.580	62.682	-11.318	74.000	PEAK
6	2484.500	29.101	34.183	63.284	-10.716	74.000	PEAK
7	2500.000	29.094	30.030	59.124	-14.876	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 : 2015/06/04 - 13:43
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2437MHz

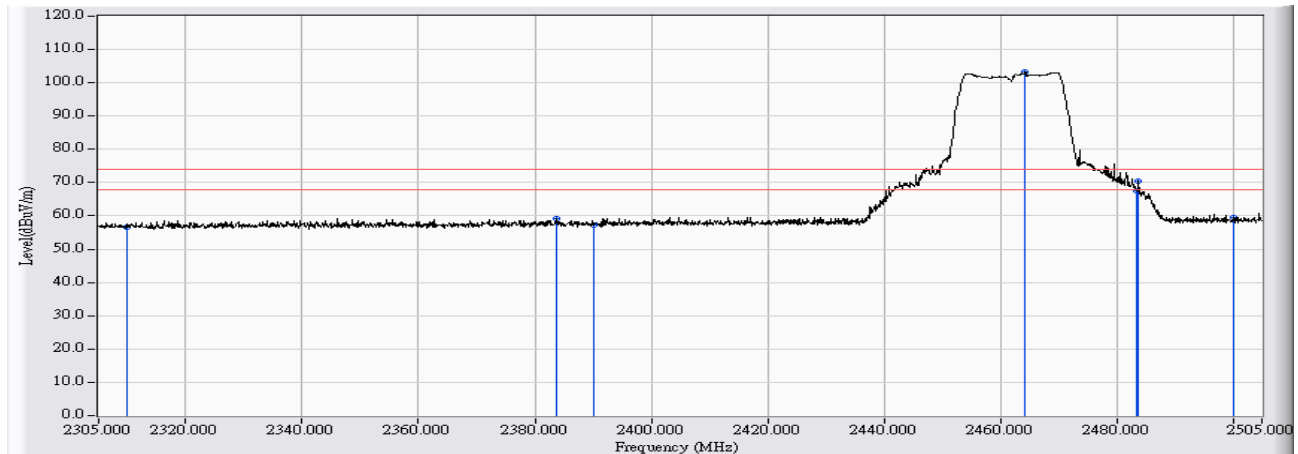


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	17.033	46.235	-7.765	54.000	AVERAGE
2	2386.500	29.158	17.660	46.818	-7.182	54.000	AVERAGE
3	2390.000	29.155	17.757	46.913	-7.087	54.000	AVERAGE
4	* 2444.500	29.124	69.651	98.775	44.775	54.000	AVERAGE
5	2483.500	29.102	19.937	49.039	-4.961	54.000	AVERAGE
6	2485.400	29.100	19.653	48.754	-5.246	54.000	AVERAGE
7	2500.000	29.094	18.437	47.531	-6.469	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 : 2015/06/04 - 13:31
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2462MHz

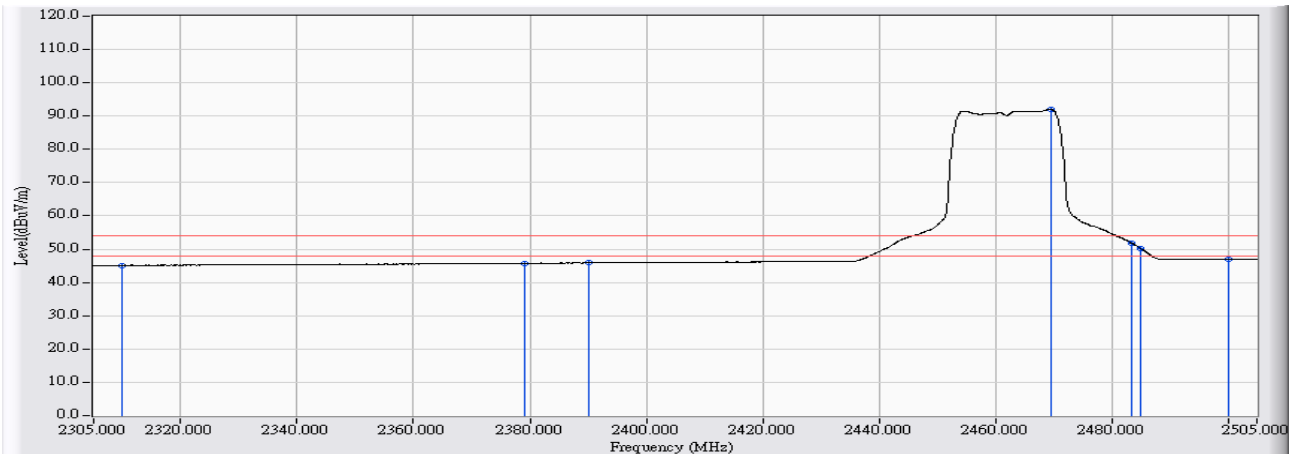


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	28.371	56.737	-17.263	74.000	PEAK
2	2383.700	28.682	30.453	59.135	-14.865	74.000	PEAK
3	2390.000	28.709	28.664	57.373	-16.627	74.000	PEAK
4	* 2464.300	29.028	74.185	103.213	29.213	74.000	PEAK
5	2483.500	29.110	38.581	67.691	-6.309	74.000	PEAK
6	2483.800	29.112	41.490	70.601	-3.399	74.000	PEAK
7	2500.000	29.183	30.318	59.500	-14.500	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 : 2015/06/04 - 13:30
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2462MHz

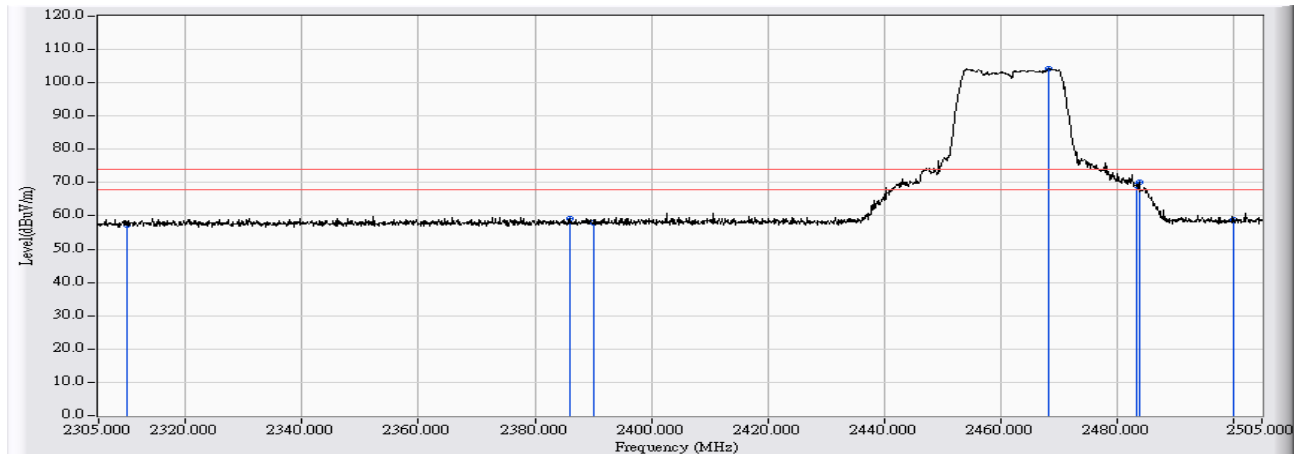


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.758	45.124	-8.876	54.000	AVERAGE
2	2379.000	28.662	17.139	45.801	-8.199	54.000	AVERAGE
3	2390.000	28.709	17.212	45.921	-8.079	54.000	AVERAGE
4	* 2469.500	29.050	62.987	92.037	38.037	54.000	AVERAGE
5	2483.500	29.110	22.638	51.748	-2.252	54.000	AVERAGE
6	2484.900	29.116	21.163	50.279	-3.721	54.000	AVERAGE
7	2500.000	29.183	17.722	46.904	-7.096	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 : 2015/06/04 - 13:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2462MHz

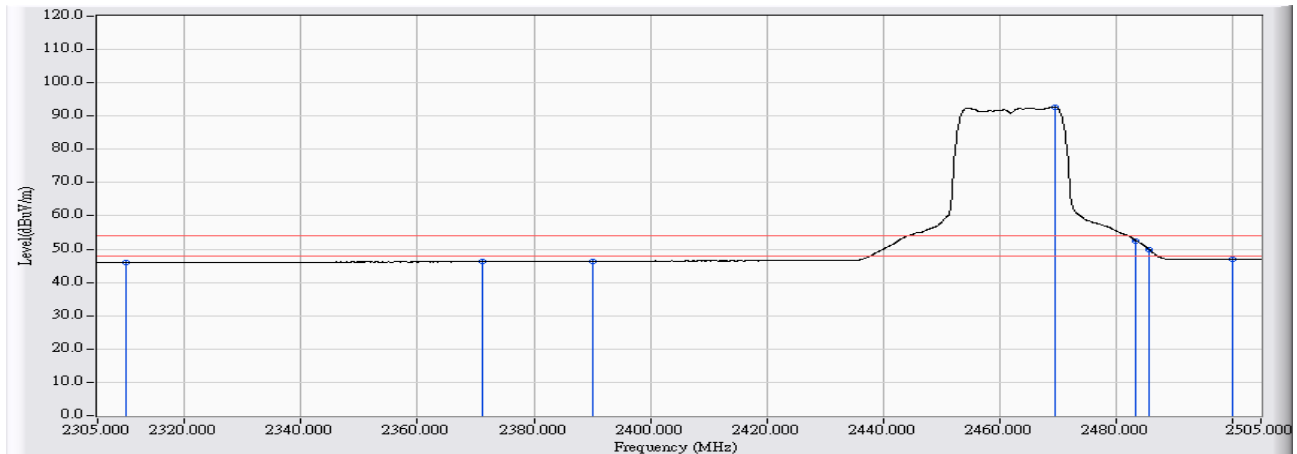


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	28.148	57.350	-16.650	74.000	PEAK
2	2386.000	29.158	30.113	59.271	-14.729	74.000	PEAK
3	2390.000	29.155	28.825	57.981	-16.019	74.000	PEAK
4	* 2468.400	29.110	75.098	104.208	30.208	74.000	PEAK
5	2483.500	29.102	40.119	69.221	-4.779	74.000	PEAK
6	2484.000	29.102	41.185	70.286	-3.714	74.000	PEAK
7	2500.000	29.094	29.865	58.959	-15.041	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 : 2015/06/04 - 13:23
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n20 2462MHz

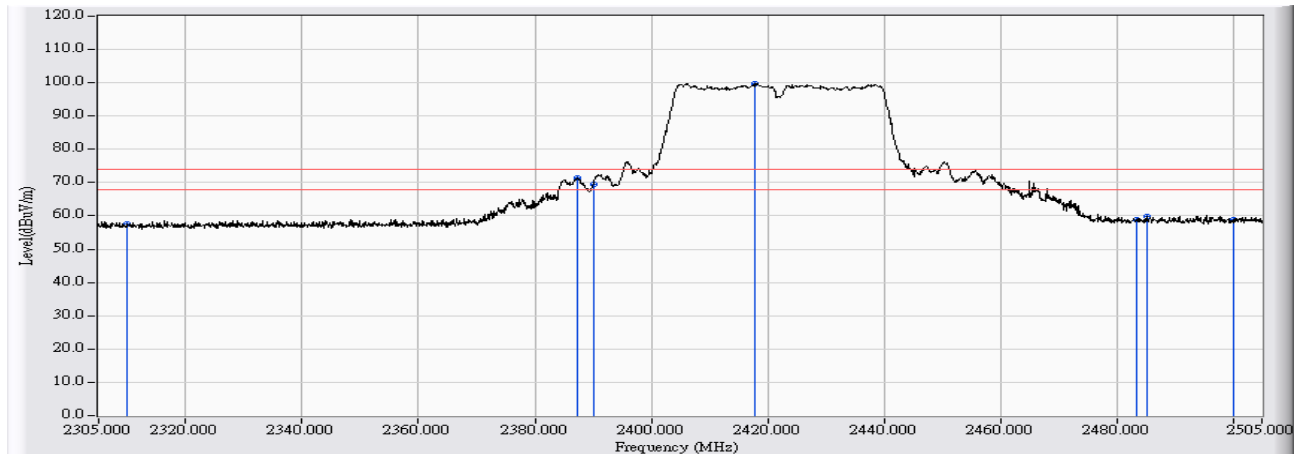


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	16.793	45.995	-8.005	54.000	AVERAGE
2	2371.100	29.166	17.177	46.344	-7.656	54.000	AVERAGE
3	2390.000	29.155	17.234	46.390	-7.610	54.000	AVERAGE
4	* 2469.500	29.110	63.644	92.754	38.754	54.000	AVERAGE
5	2483.500	29.102	23.486	52.588	-1.412	54.000	AVERAGE
6	2485.700	29.100	20.869	49.969	-4.031	54.000	AVERAGE
7	2500.000	29.094	17.810	46.904	-7.096	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 : 2015/06/04 - 14:13
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2422MHz

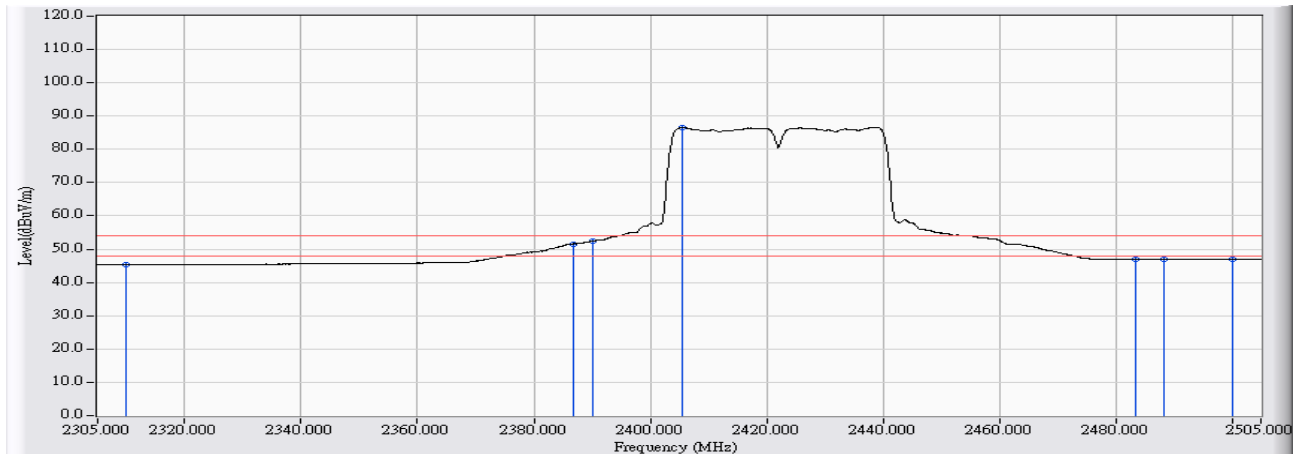


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	29.359	57.725	-16.275	74.000	PEAK
2	2387.200	28.697	42.706	71.403	-2.597	74.000	PEAK
3	2390.000	28.709	40.838	69.547	-4.453	74.000	PEAK
4	* 2417.700	28.827	71.019	99.847	25.847	74.000	PEAK
5	2483.500	29.110	29.845	58.955	-15.045	74.000	PEAK
6	2485.200	29.117	30.703	59.820	-14.180	74.000	PEAK
7	2500.000	29.183	29.603	58.785	-15.215	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 : 2015/06/04 - 14:12
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2422MHz

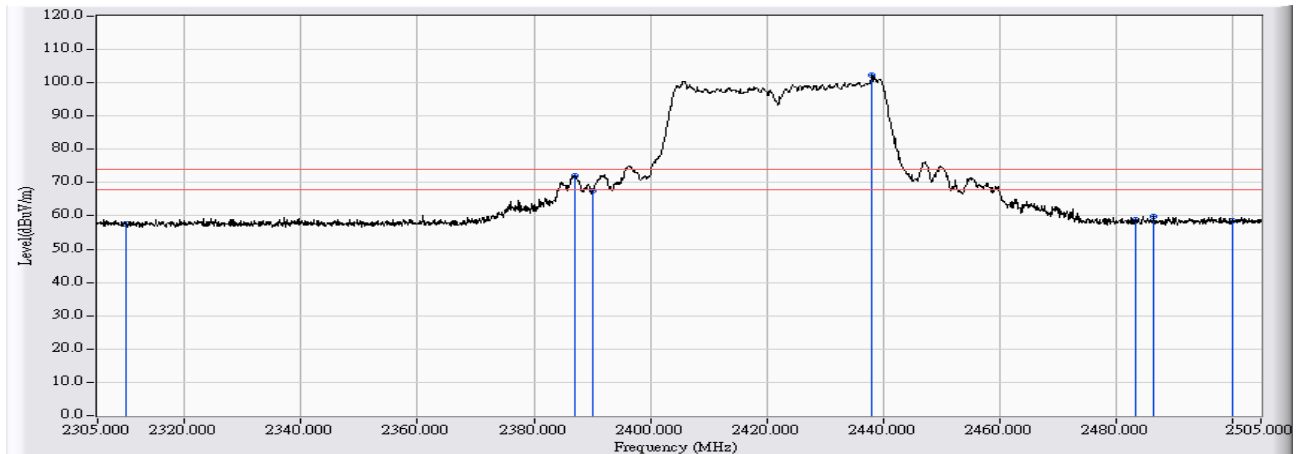


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.919	45.285	-8.715	54.000	AVERAGE
2	2386.700	28.695	22.928	51.623	-2.377	54.000	AVERAGE
3	2390.000	28.709	23.664	52.373	-1.627	54.000	AVERAGE
4	* 2405.600	28.776	57.884	86.660	32.660	54.000	AVERAGE
5	2483.500	29.110	17.801	46.911	-7.089	54.000	AVERAGE
6	2488.300	29.131	17.766	46.897	-7.103	54.000	AVERAGE
7	2500.000	29.183	17.793	46.975	-7.025	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 : 2015/06/04 - 14:17
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2422MHz

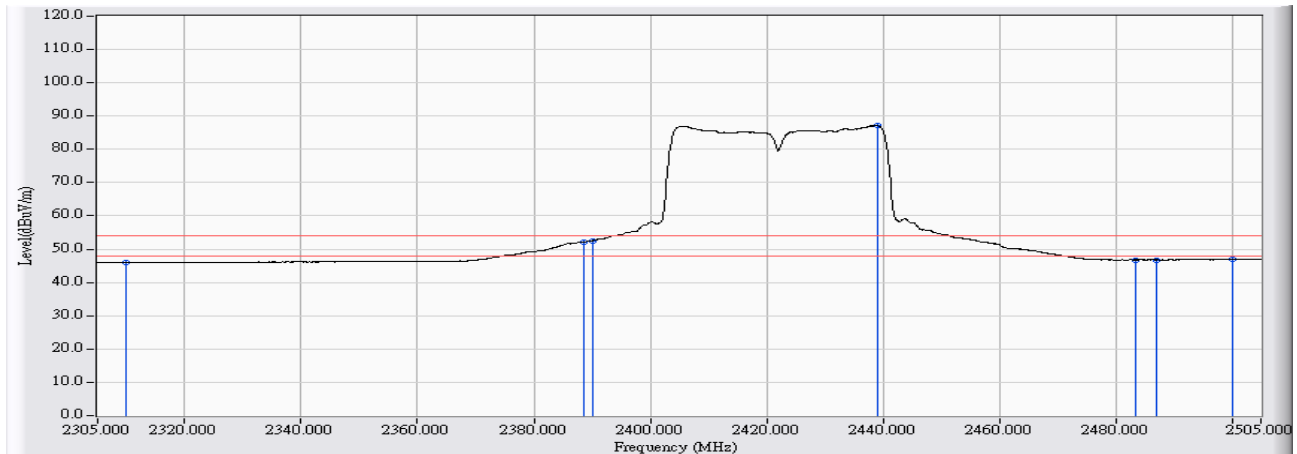


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	29.201	28.496	57.698	-16.302	74.000	PEAK
2		2387.000	29.158	42.974	72.131	-1.869	74.000	PEAK
3		2390.000	29.155	38.247	67.403	-6.597	74.000	PEAK
4	*	2438.200	29.128	73.220	102.348	28.348	74.000	PEAK
5		2483.500	29.102	29.692	58.794	-15.206	74.000	PEAK
6		2486.600	29.100	30.680	59.780	-14.220	74.000	PEAK
7		2500.000	29.094	29.319	58.413	-15.587	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 14:23
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2422MHz

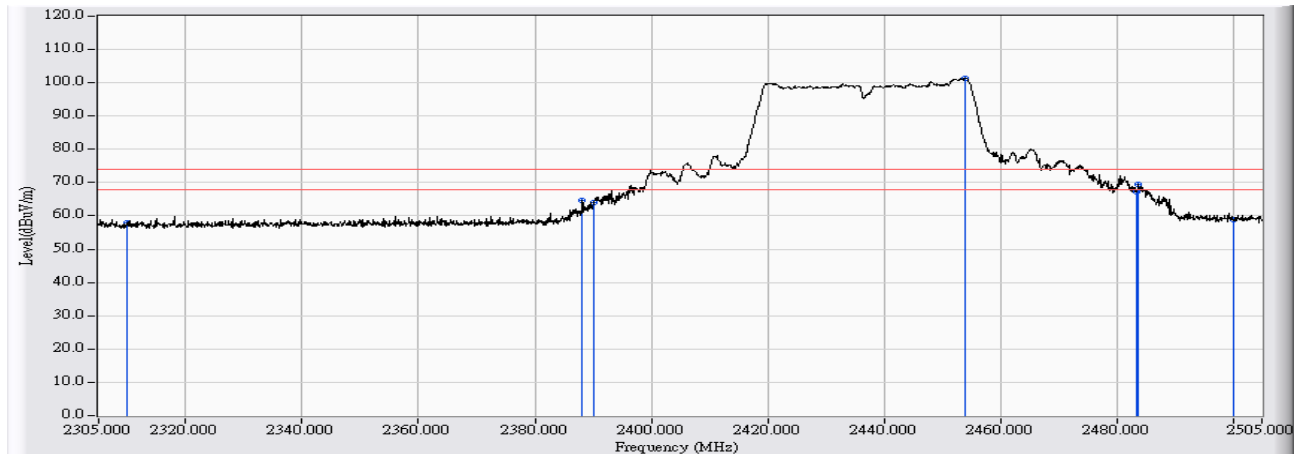


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	16.864	46.066	-7.934	54.000	AVERAGE
2	2388.700	29.156	23.102	52.258	-1.742	54.000	AVERAGE
3	2390.000	29.155	23.300	52.456	-1.544	54.000	AVERAGE
4	* 2439.000	29.128	58.082	87.209	33.209	54.000	AVERAGE
5	2483.500	29.102	17.702	46.804	-7.196	54.000	AVERAGE
6	2487.000	29.099	17.701	46.801	-7.199	54.000	AVERAGE
7	2500.000	29.094	17.786	46.880	-7.120	54.000	AVERAGE

Note:

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

Site : CB1	Time : 2015/06/04 - 14:00
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

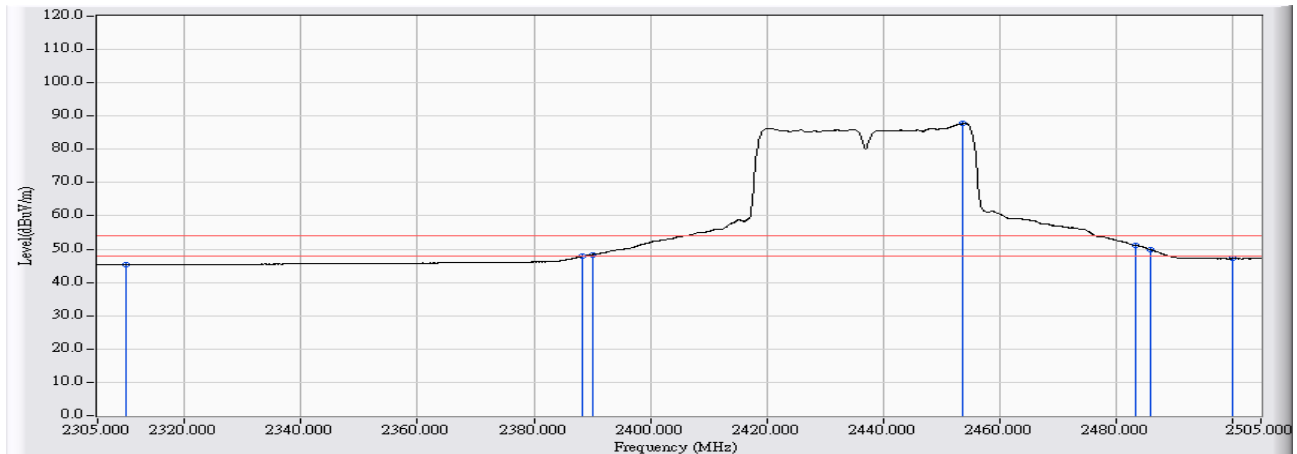


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	29.514	57.880	-16.120	74.000	PEAK
2	2388.200	28.701	36.116	64.817	-9.183	74.000	PEAK
3	2390.000	28.709	35.352	64.061	-9.939	74.000	PEAK
4	* 2454.000	28.983	72.417	101.401	27.401	74.000	PEAK
5	2483.500	29.110	38.164	67.274	-6.726	74.000	PEAK
6	2483.800	29.112	40.246	69.357	-4.643	74.000	PEAK
7	2500.000	29.183	29.763	58.945	-15.055	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 : 2015/06/04 - 14:01
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

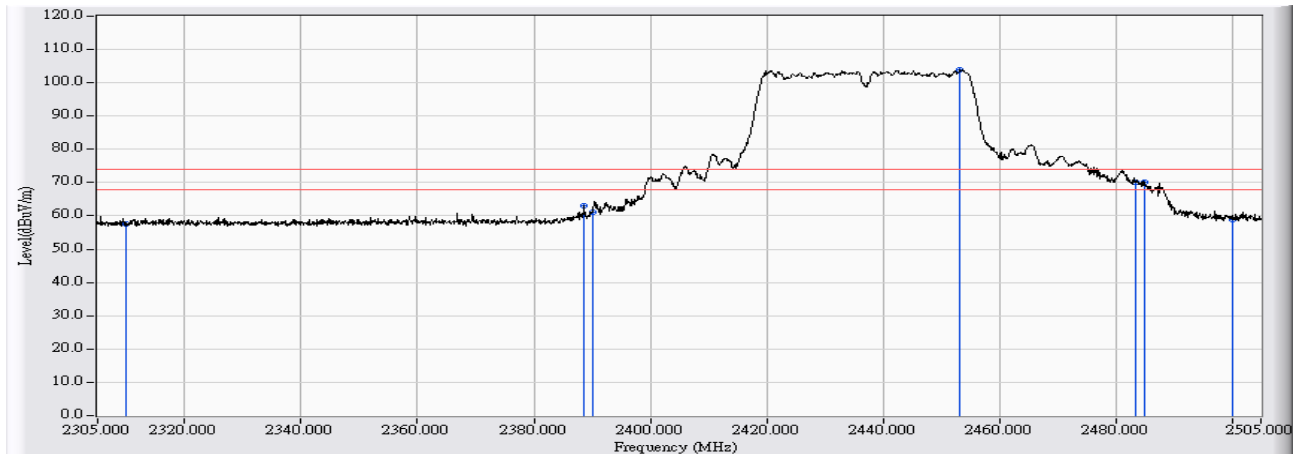


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.937	45.303	-8.697	54.000	AVERAGE
2	2388.300	28.702	19.102	47.804	-6.196	54.000	AVERAGE
3	2390.000	28.709	19.671	48.380	-5.620	54.000	AVERAGE
4	* 2453.800	28.982	58.797	87.780	33.780	54.000	AVERAGE
5	2483.500	29.110	21.988	51.098	-2.902	54.000	AVERAGE
6	2485.900	29.121	20.734	49.854	-4.146	54.000	AVERAGE
7	2500.000	29.183	17.958	47.140	-6.860	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 : 2015/06/04 - 13:55
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

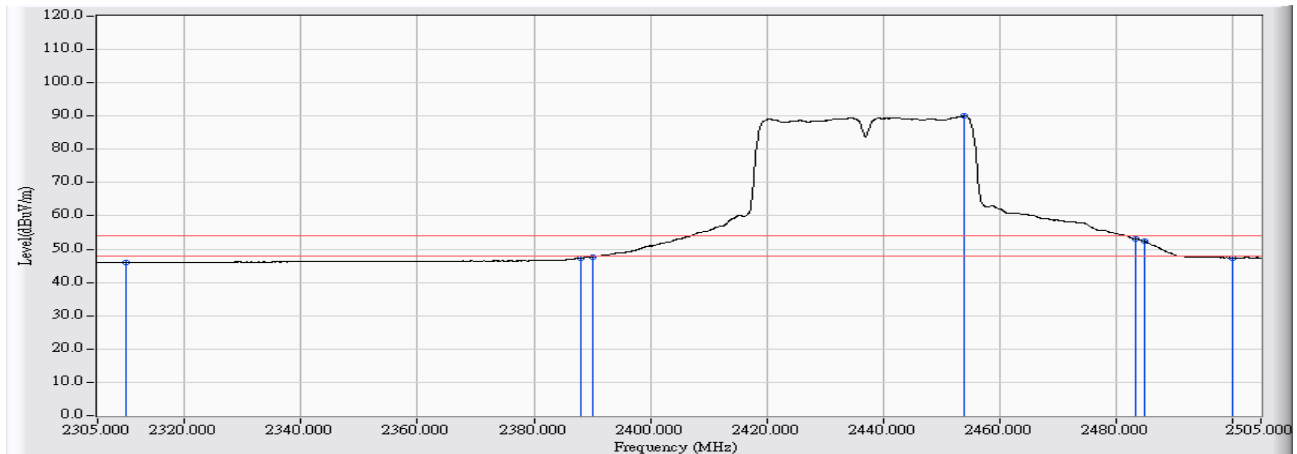


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	28.461	57.663	-16.337	74.000	PEAK
2	2388.700	29.156	33.782	62.938	-11.062	74.000	PEAK
3	2390.000	29.155	32.071	61.227	-12.773	74.000	PEAK
4	* 2453.300	29.119	74.760	103.879	29.879	74.000	PEAK
5	2483.500	29.102	40.987	70.089	-3.911	74.000	PEAK
6	2484.900	29.101	41.165	70.266	-3.734	74.000	PEAK
7	2500.000	29.094	29.797	58.891	-15.109	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 : 2015/06/04 - 13:54
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2437MHz

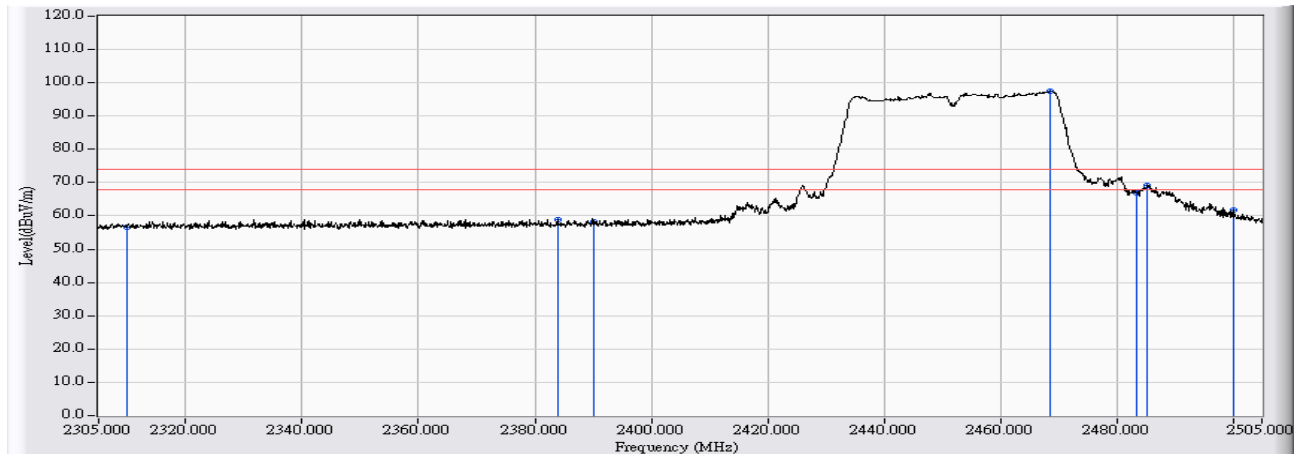


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	16.818	46.020	-7.980	54.000	AVERAGE
2	2388.000	29.157	18.117	47.274	-6.726	54.000	AVERAGE
3	2390.000	29.155	18.599	47.755	-6.245	54.000	AVERAGE
4	* 2454.100	29.118	60.902	90.021	36.021	54.000	AVERAGE
5	2483.500	29.102	23.941	53.043	-0.957	54.000	AVERAGE
6	2484.900	29.101	23.310	52.411	-1.589	54.000	AVERAGE
7	2500.000	29.094	18.316	47.410	-6.590	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 : 2015/06/04 - 14:41
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2452MHz

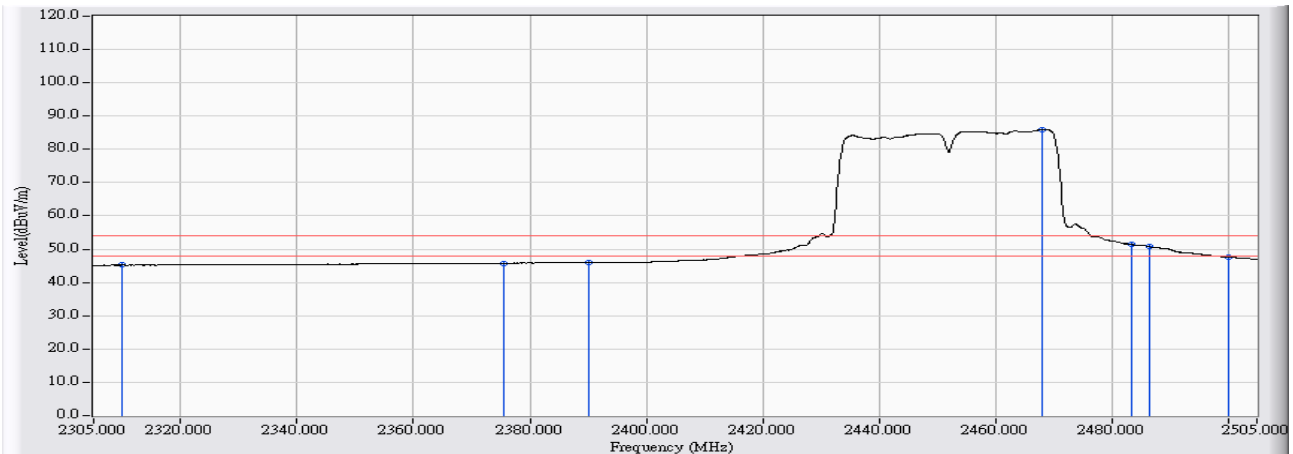


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	28.144	56.510	-17.490	74.000	PEAK
2	2383.900	28.683	30.267	58.950	-15.050	74.000	PEAK
3	2390.000	28.709	29.382	58.091	-15.909	74.000	PEAK
4	* 2468.700	29.047	68.449	97.496	23.496	74.000	PEAK
5	2483.500	29.110	37.817	66.927	-7.073	74.000	PEAK
6	2485.300	29.118	40.176	69.294	-4.706	74.000	PEAK
7	2500.000	29.183	32.665	61.847	-12.153	74.000	PEAK

Note:

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

Site : CB1	Time : 2015/06/04 - 14:39
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2452MHz

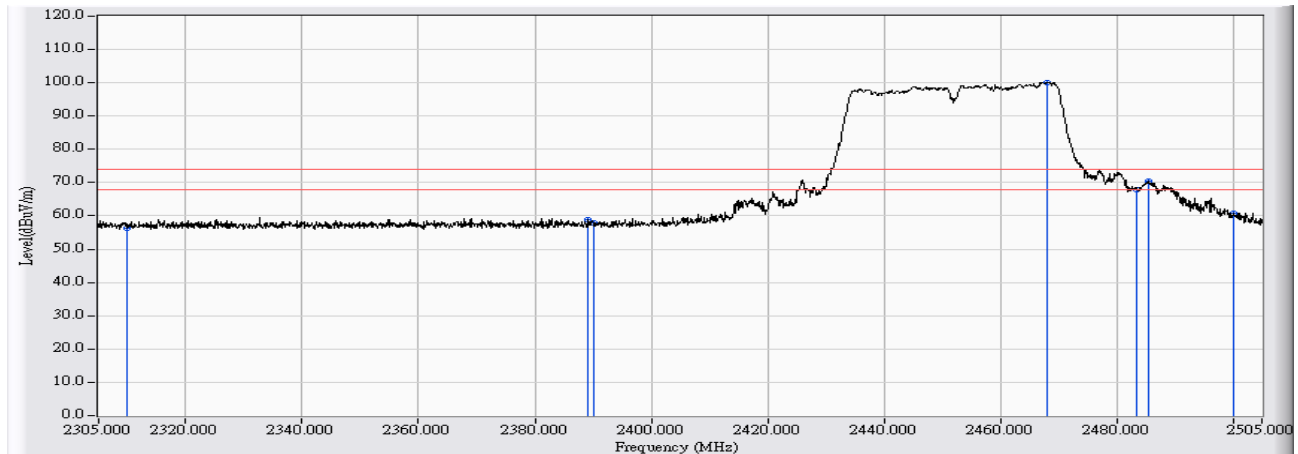


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.366	16.848	45.214	-8.786	54.000	AVERAGE
2	2375.400	28.647	17.133	45.780	-8.220	54.000	AVERAGE
3	2390.000	28.709	17.262	45.971	-8.029	54.000	AVERAGE
4	* 2468.000	29.043	56.919	85.963	31.963	54.000	AVERAGE
5	2483.500	29.110	22.364	51.474	-2.526	54.000	AVERAGE
6	2486.500	29.123	21.631	50.754	-3.246	54.000	AVERAGE
7	2500.000	29.183	18.457	47.639	-6.361	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 : 2015/06/04 - 14:34
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2452MHz

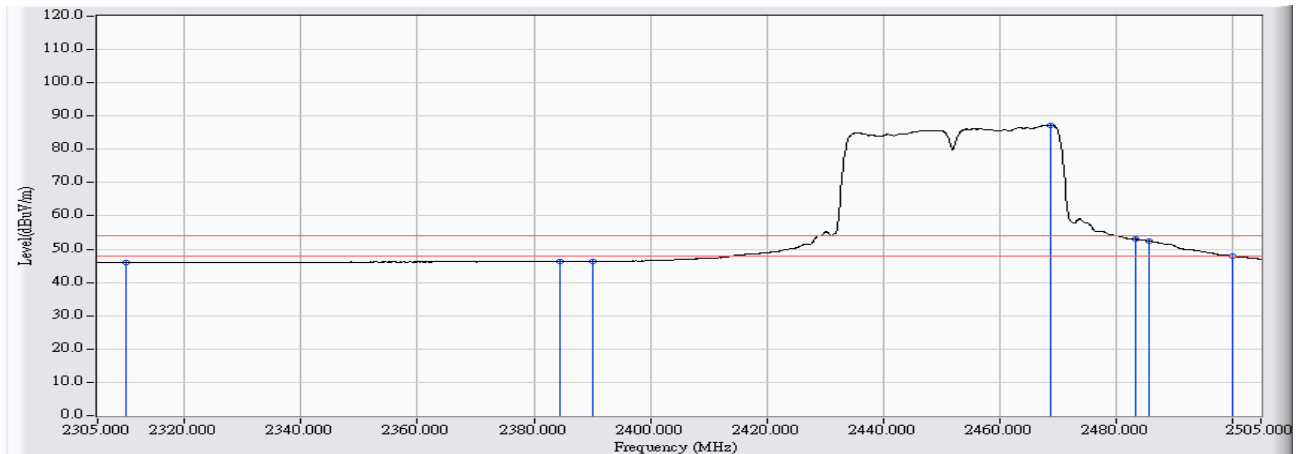


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	27.214	56.416	-17.584	74.000	PEAK
2	2389.000	29.156	29.601	58.757	-15.243	74.000	PEAK
3	2390.000	29.155	28.651	57.807	-16.193	74.000	PEAK
4	* 2468.100	29.110	71.103	100.213	26.213	74.000	PEAK
5	2483.500	29.102	38.692	67.794	-6.206	74.000	PEAK
6	2485.600	29.100	41.387	70.487	-3.513	74.000	PEAK
7	2500.000	29.094	31.789	60.883	-13.117	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 : 2015/06/04 - 14:33
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	Power : AC 120V/60Hz
EUT : H.264/MJPEG 11n Wireless Network Camera	Note : 802.11n40 2452MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	29.201	16.823	46.025	-7.975	54.000	AVERAGE
2	2384.400	29.159	17.151	46.310	-7.690	54.000	AVERAGE
3	2390.000	29.155	17.174	46.330	-7.670	54.000	AVERAGE
4	* 2468.800	29.110	58.213	87.323	33.323	54.000	AVERAGE
5	2483.500	29.102	23.983	53.085	-0.915	54.000	AVERAGE
6	2485.700	29.100	23.407	52.507	-1.493	54.000	AVERAGE
7	2500.000	29.094	18.898	47.992	-6.008	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

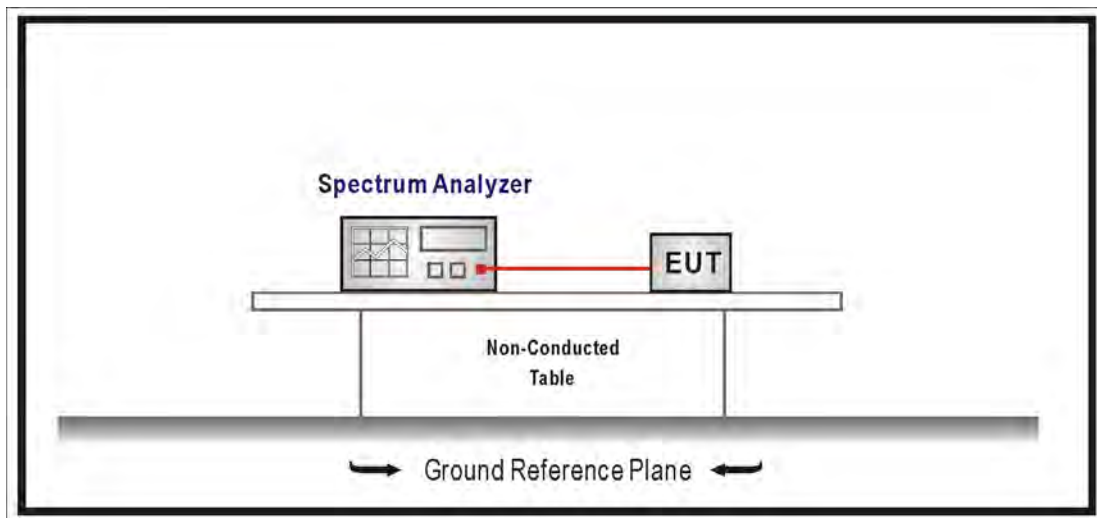
The following test equipments are used during the test:

DTS Bandwidth / SR7

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

Note: 1. 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; tested procedure section 8.1 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW $\geq 3 \times$ RBW, 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: 2014

7.6. Uncertainty

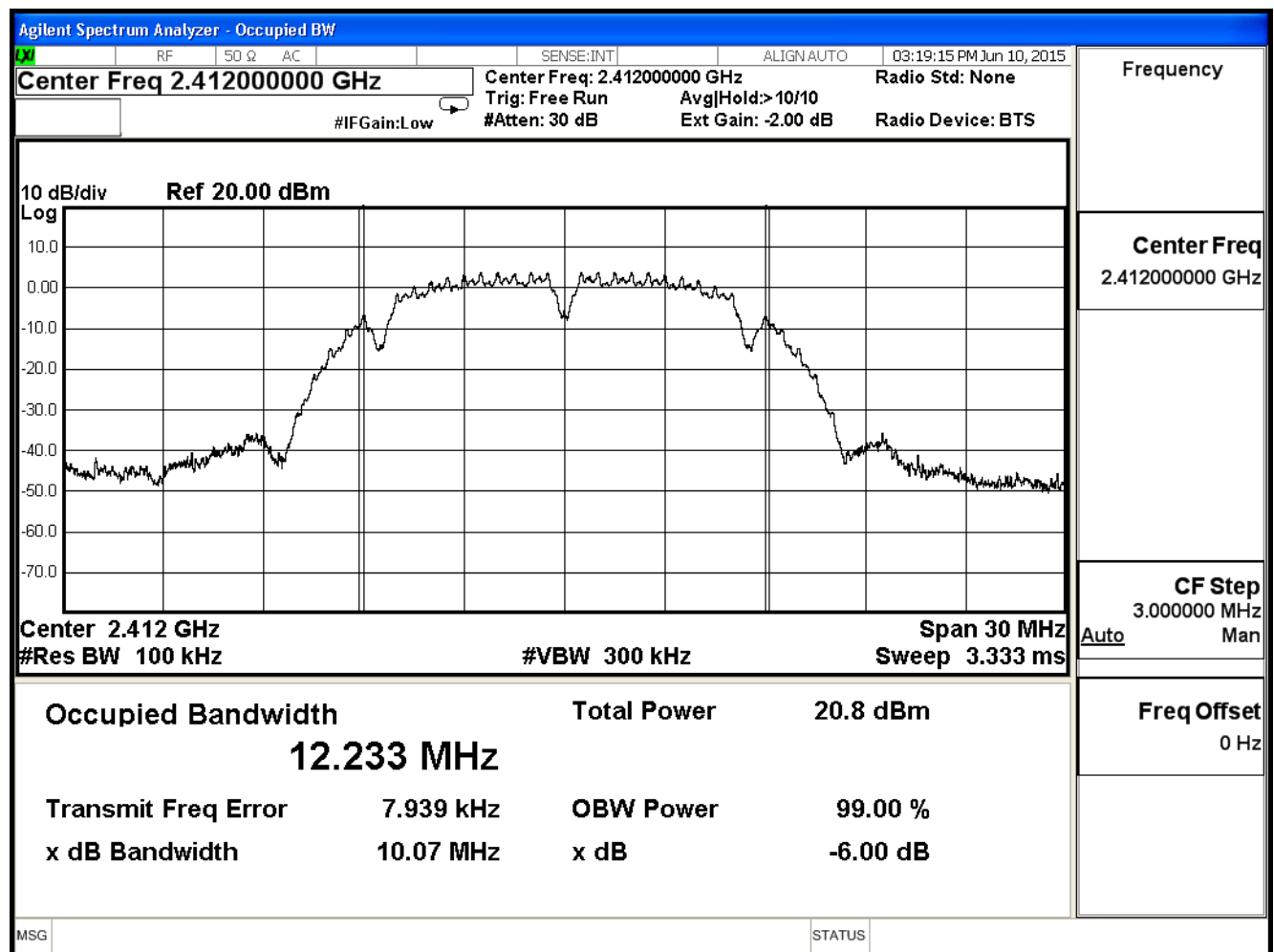
The measurement uncertainty is defined as $\pm 150\text{Hz}$

7.7. Test Result

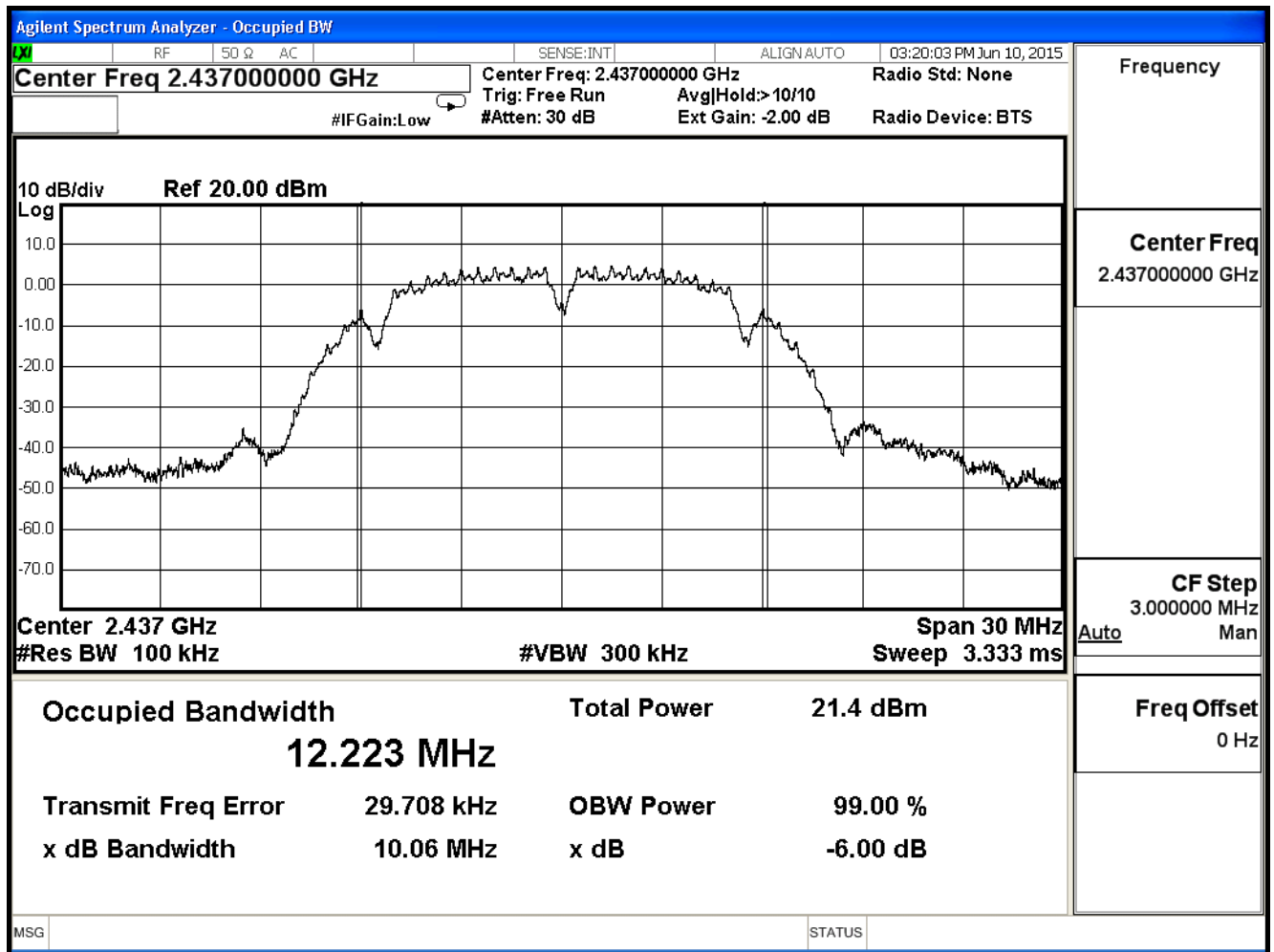
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

802.11 b, ANT 0				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	10.07	≥ 0.5	Pass
6	2437	10.06	≥ 0.5	Pass
11	2462	10.07	≥ 0.5	Pass

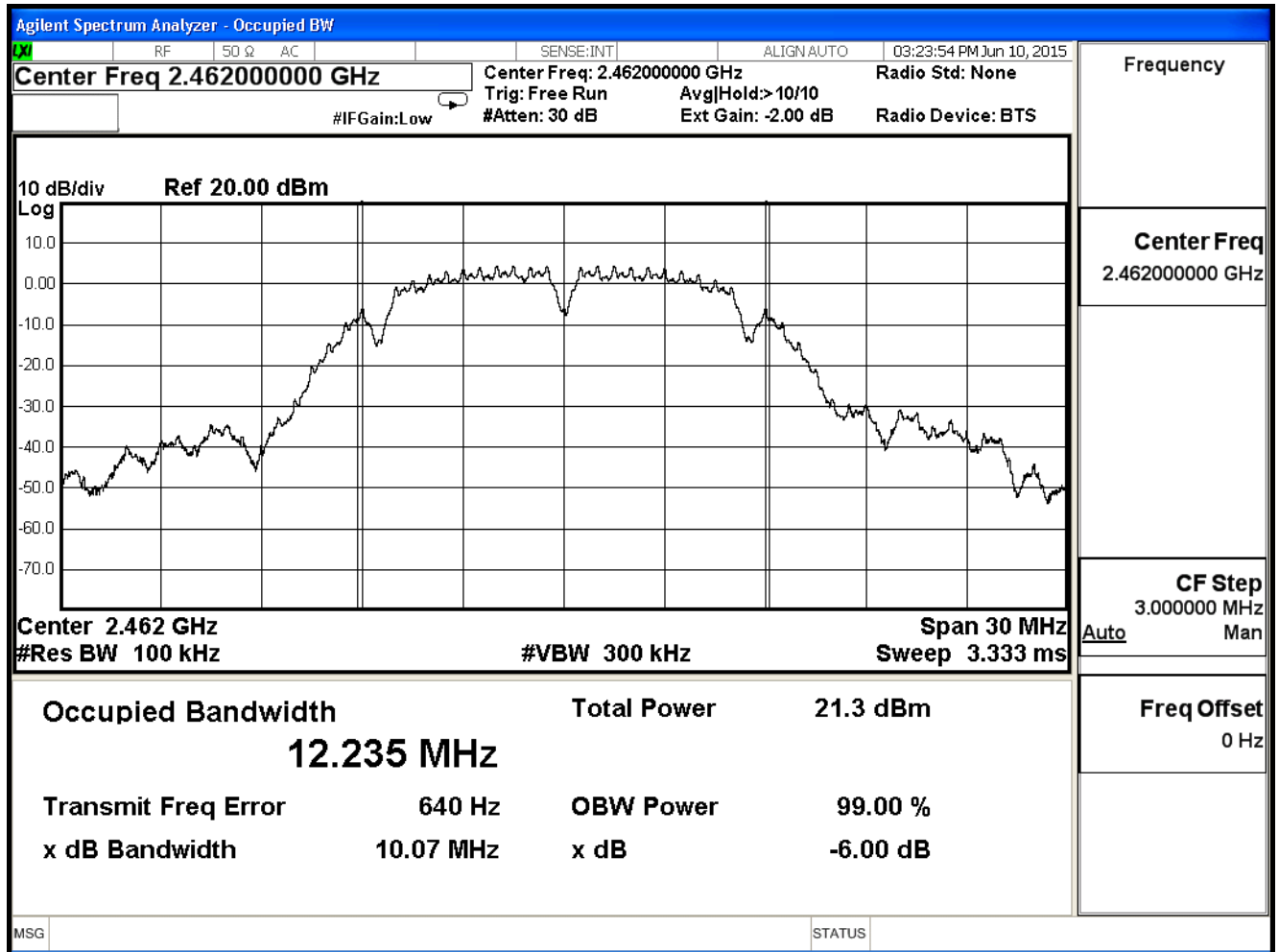
Channel 1 (2412MHz)



Channel 6 (2437MHz)



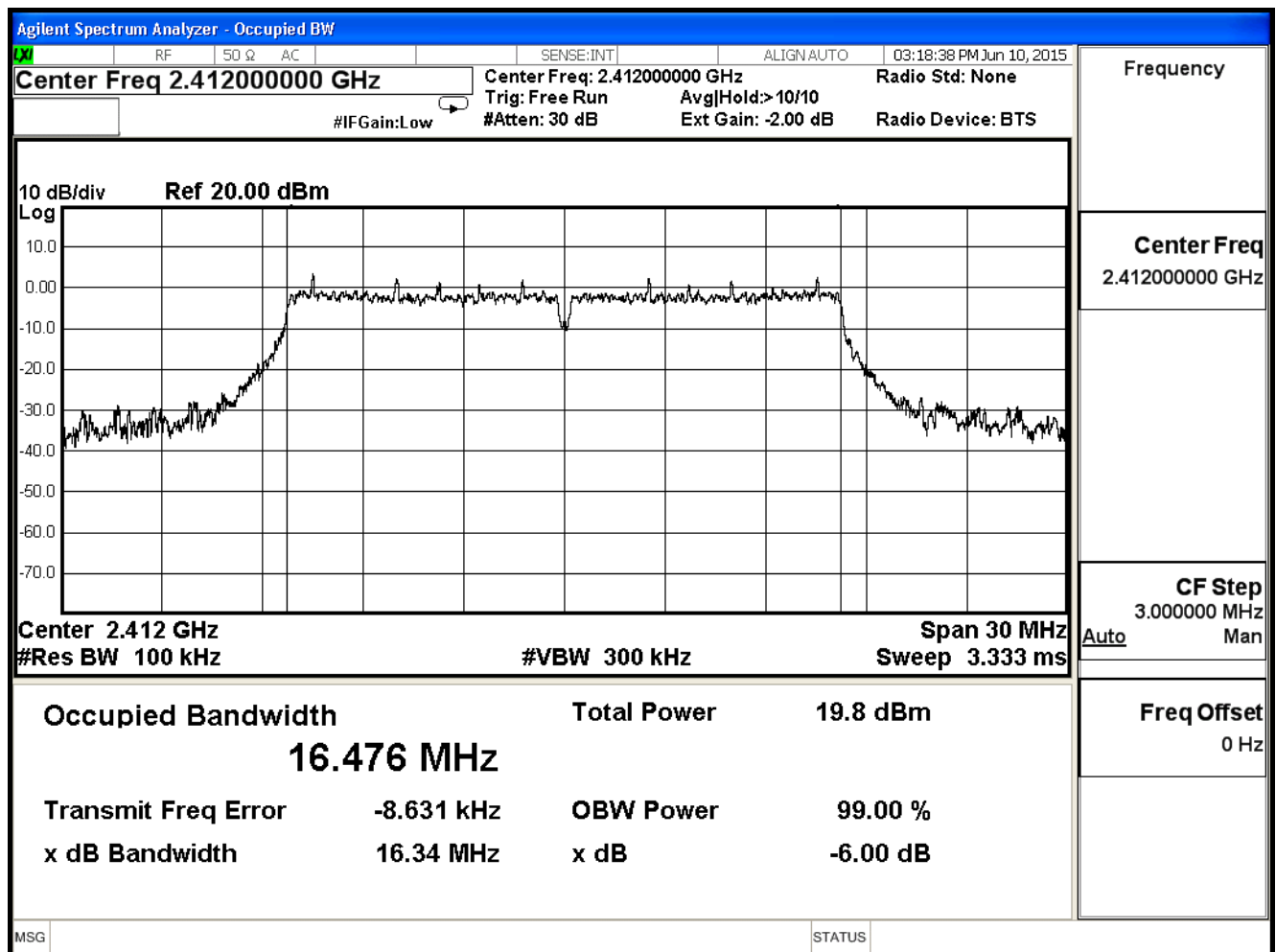
Channel 11 (2462MHz)



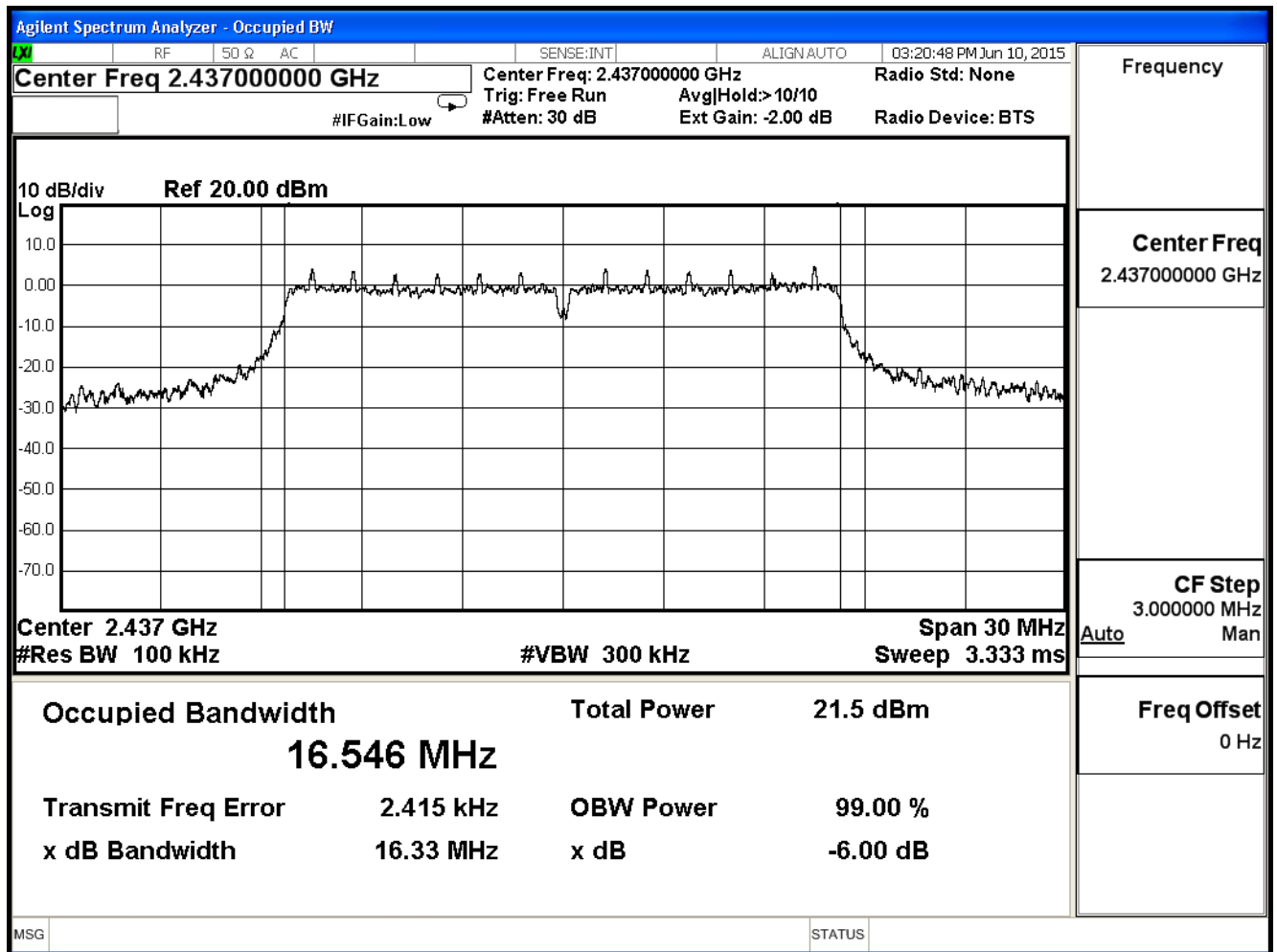
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11g, ANT 0				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	16.34	≥ 0.5	Pass
6	2437	16.33	≥ 0.5	Pass
11	2462	16.33	≥ 0.5	Pass

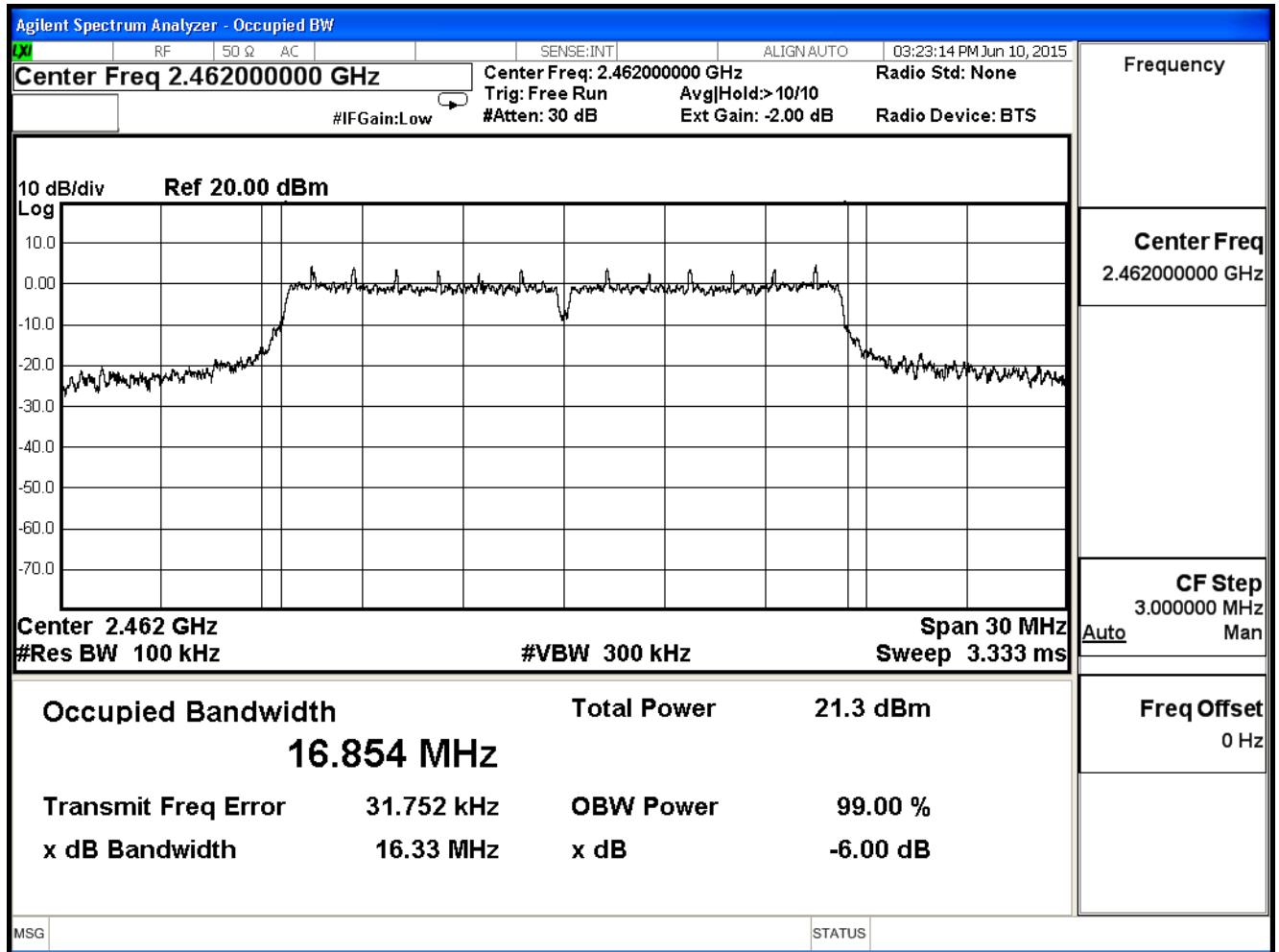
Channel 1 (2412MHz)



Channel 6 (2437MHz)



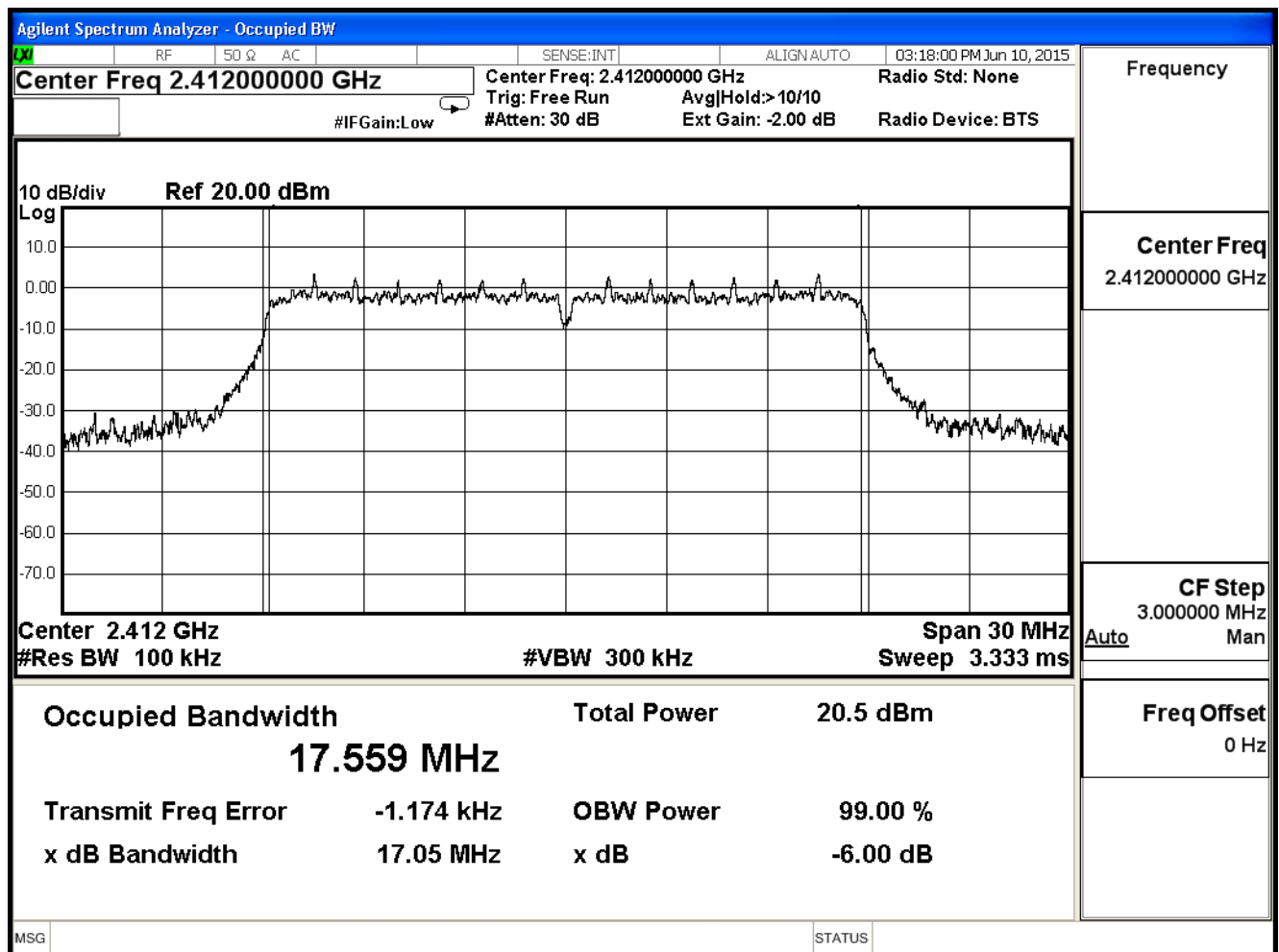
Channel 11 (2462MHz)



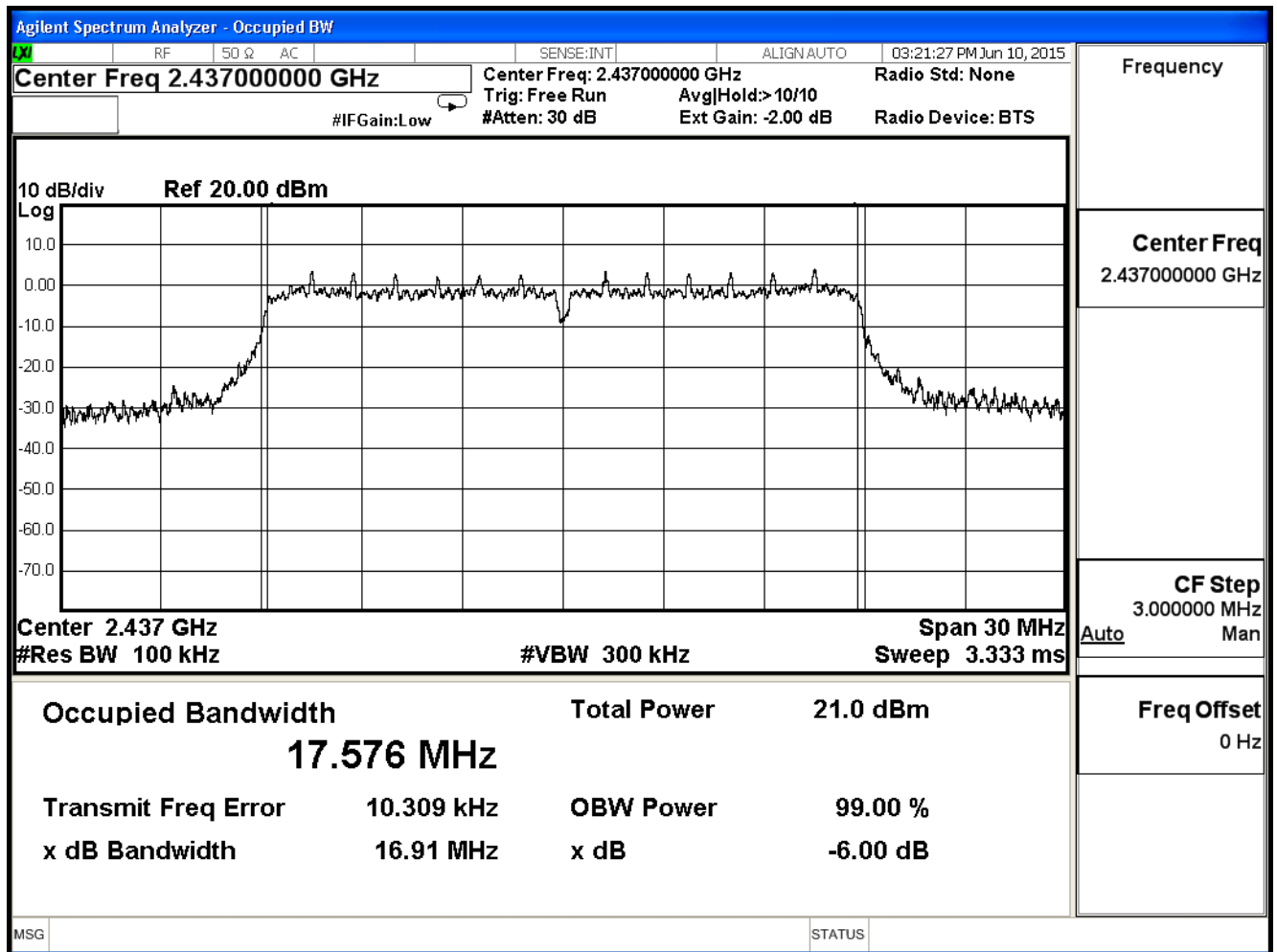
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), ANT 0				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.05	≥ 0.5	Pass
6	2437	16.91	≥ 0.5	Pass
11	2462	16.91	≥ 0.5	Pass

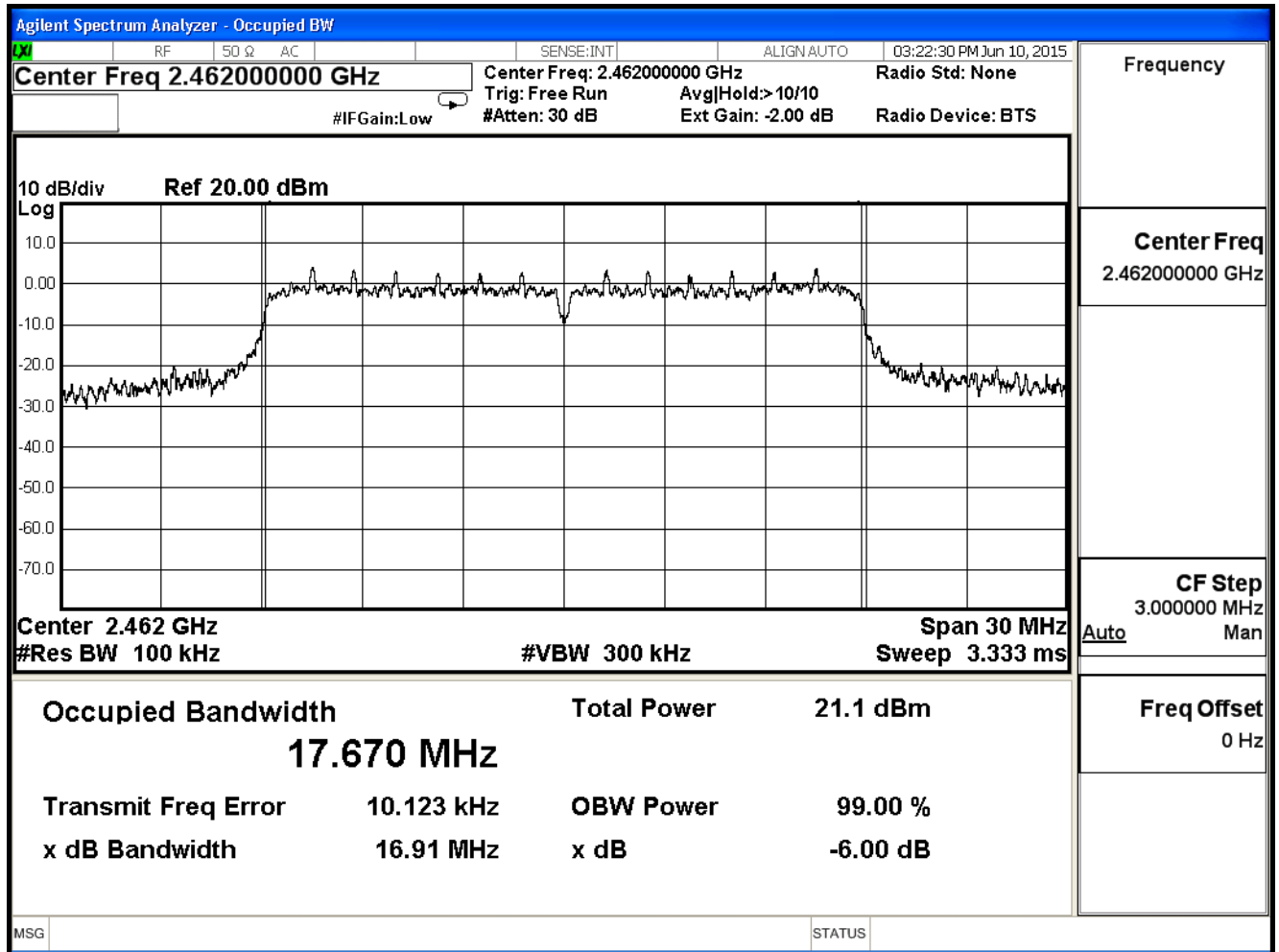
Channel 1 (2412MHz)



Channel 6 (2437MHz)



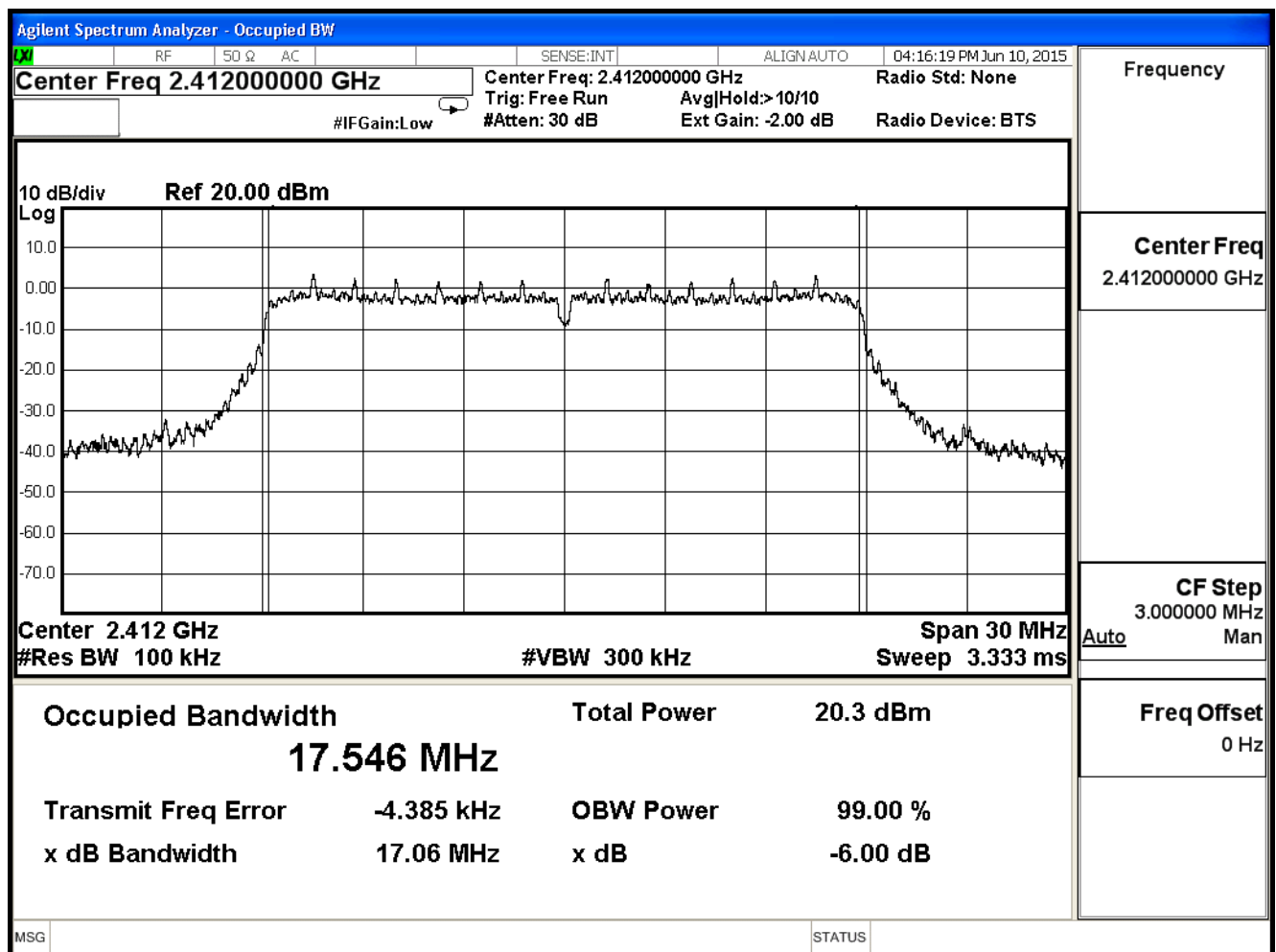
Channel 11 (2462MHz)



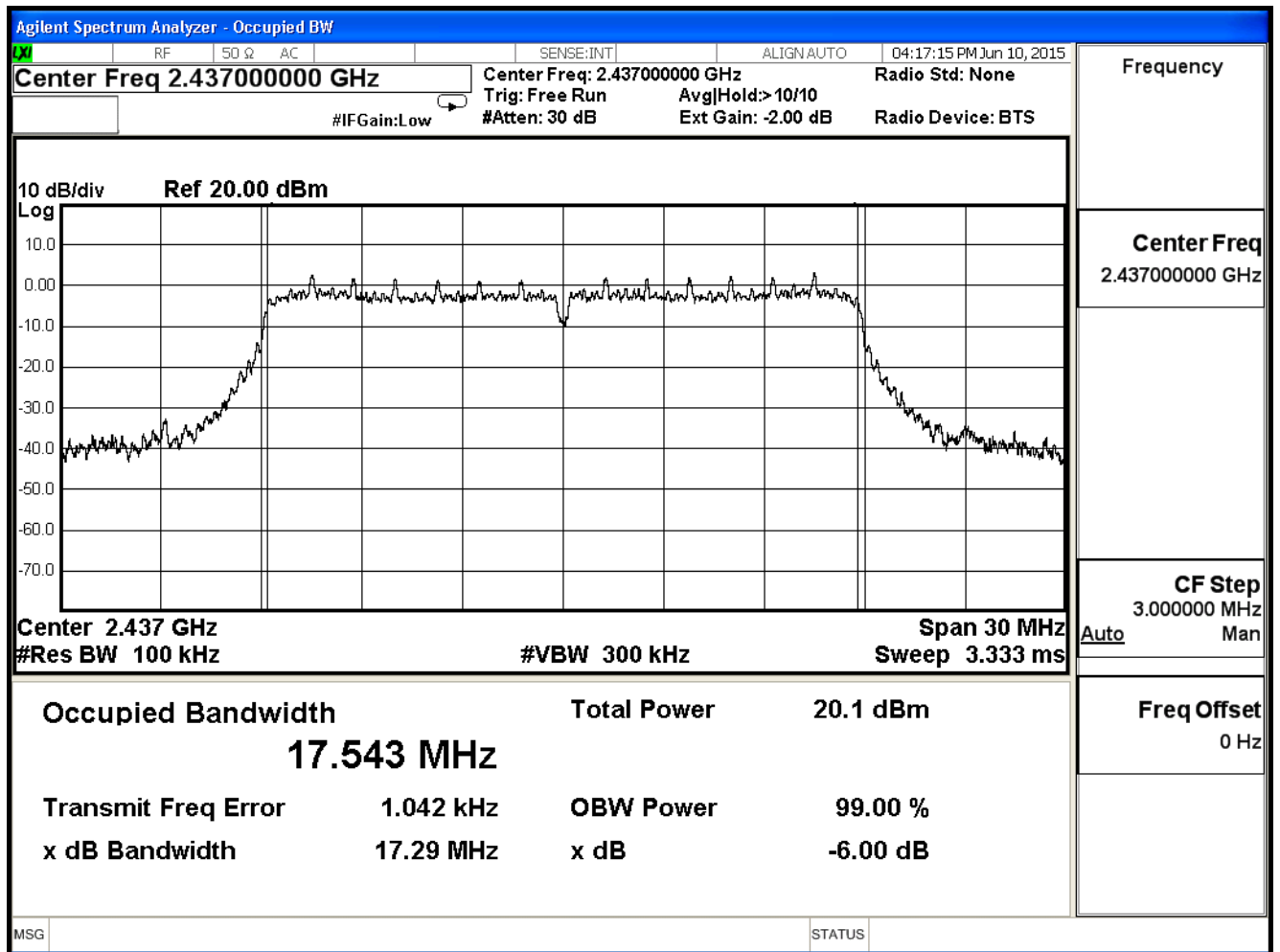
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), ANT 1				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.06	≥ 0.5	Pass
6	2437	17.29	≥ 0.5	Pass
11	2462	17.52	≥ 0.5	Pass

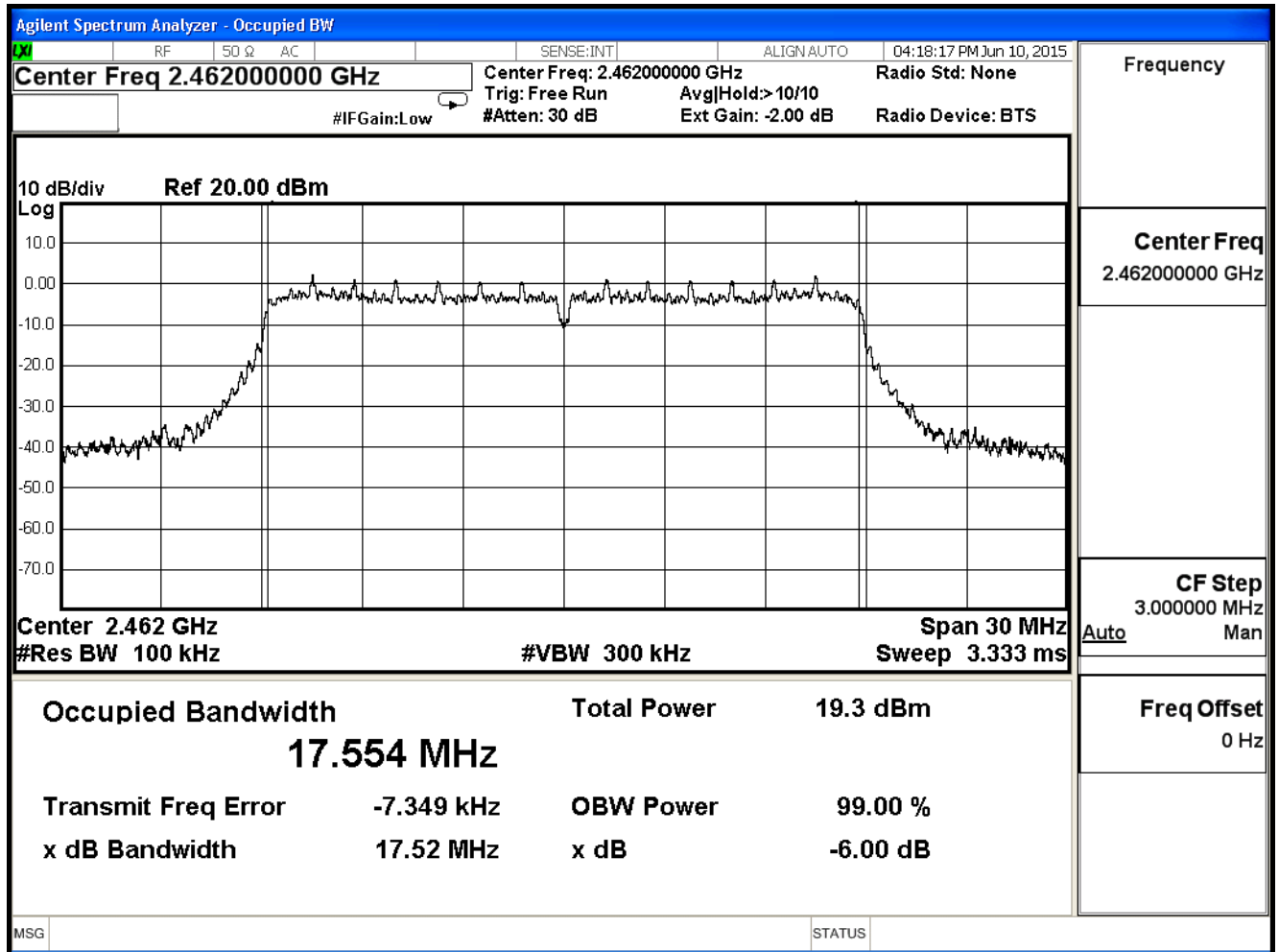
Channel 1 (2412MHz)



Channel 6 (2437MHz)



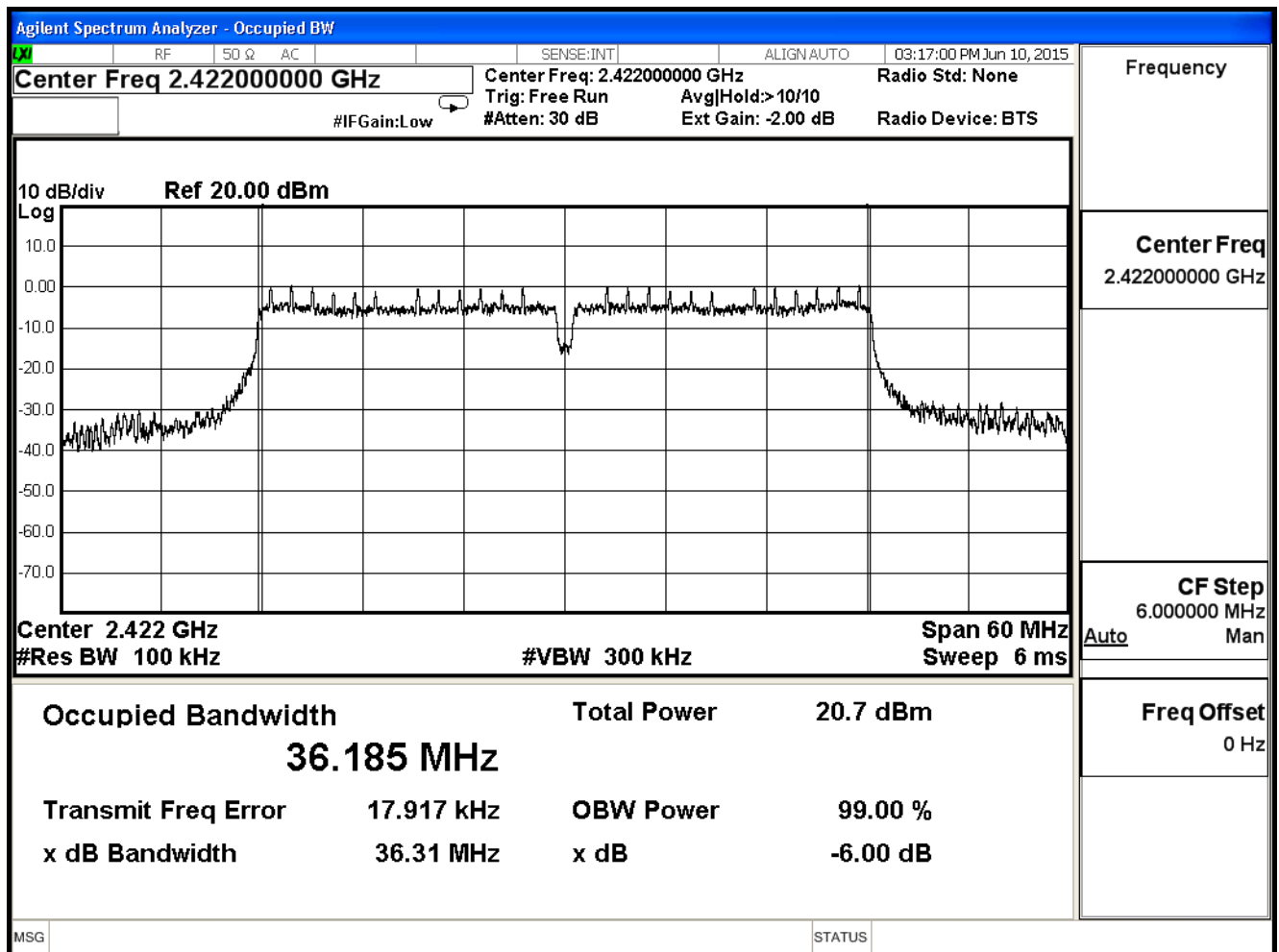
Channel 11 (2462MHz)



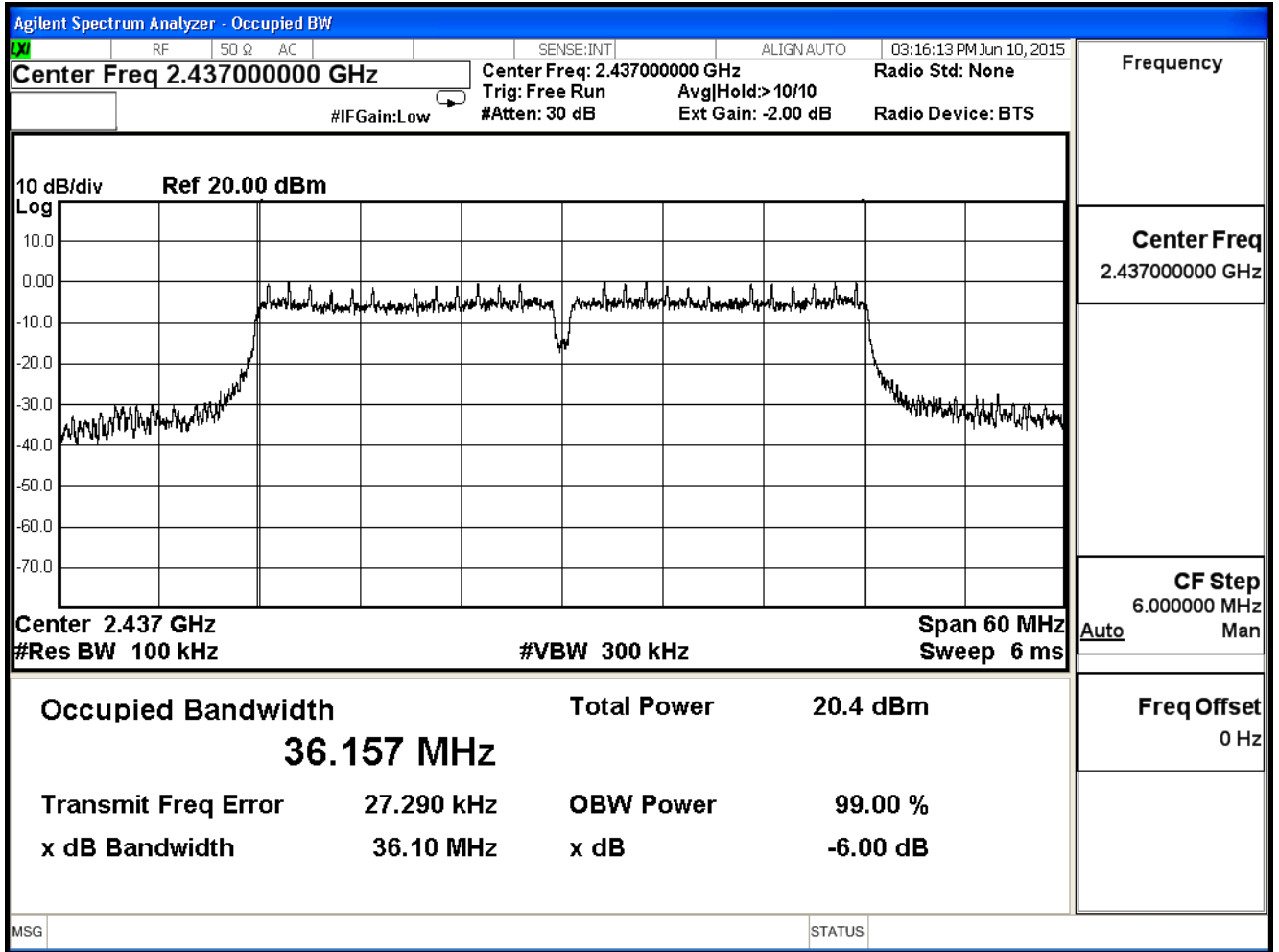
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), ANT 0				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.31	≥ 0.5	Pass
6	2437	36.10	≥ 0.5	Pass
9	2452	36.10	≥ 0.5	Pass

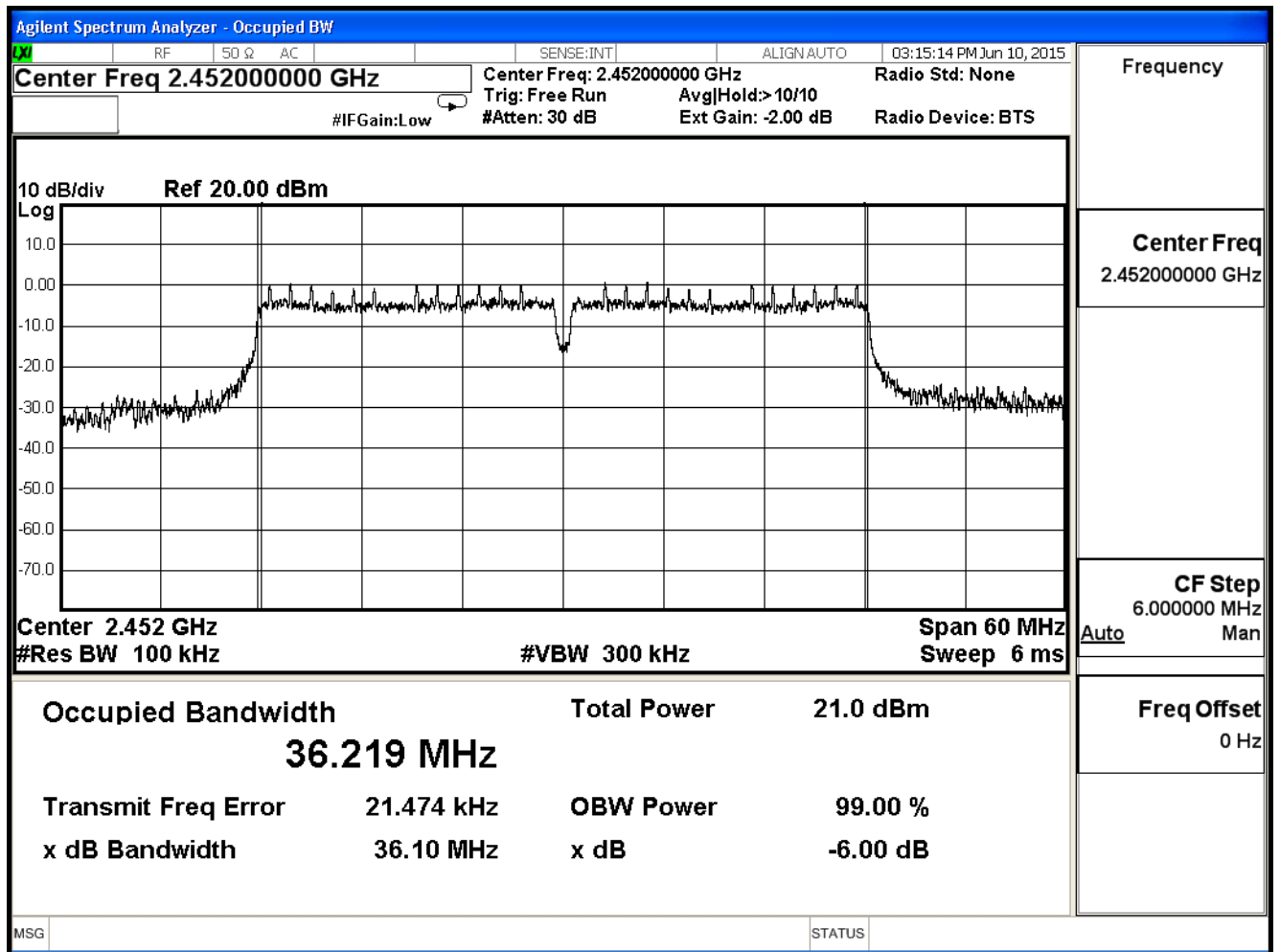
Channel 3 (2422MHz)



Channel 6 (2437MHz)



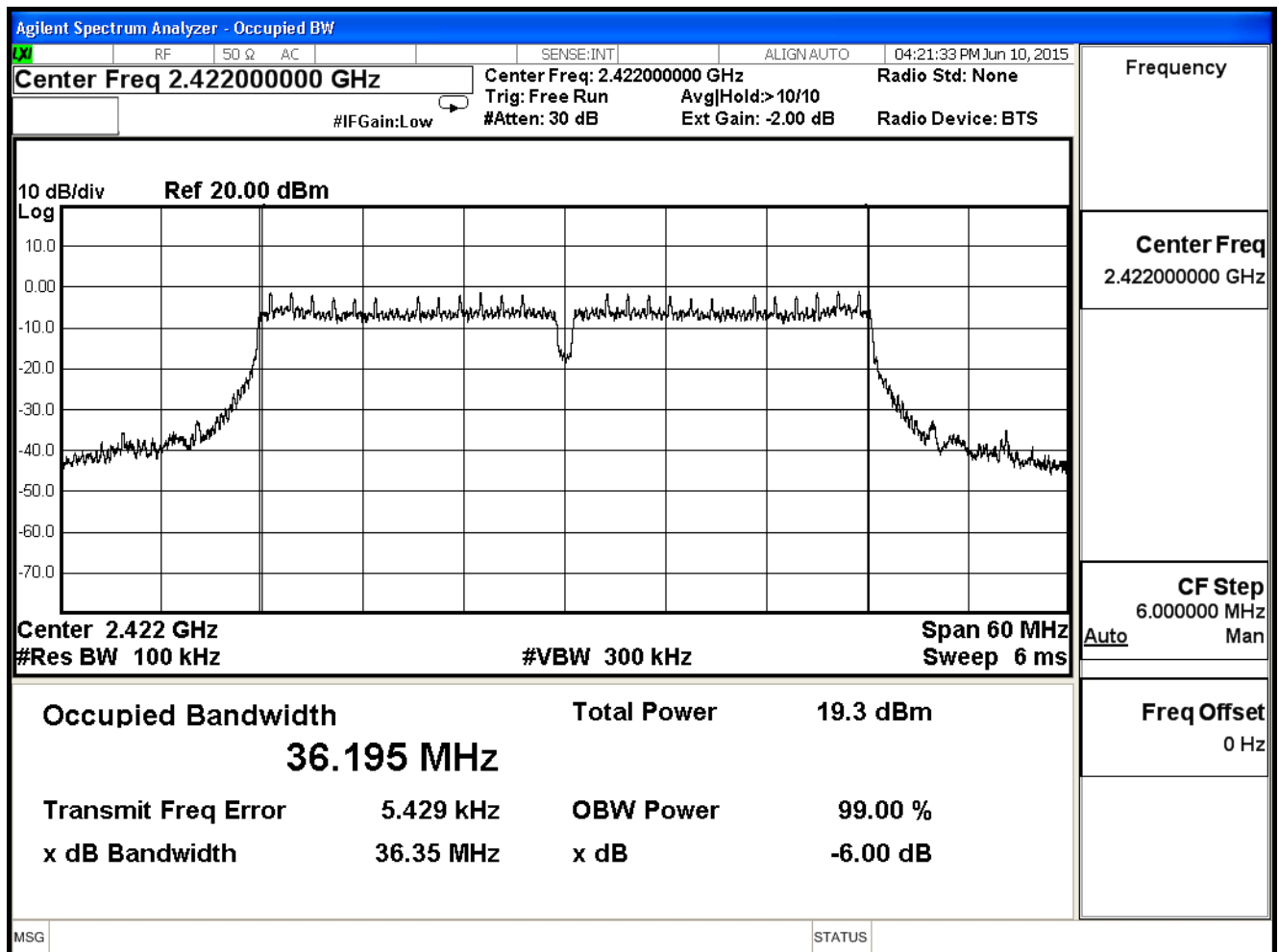
Channel 9 (2452MHz)



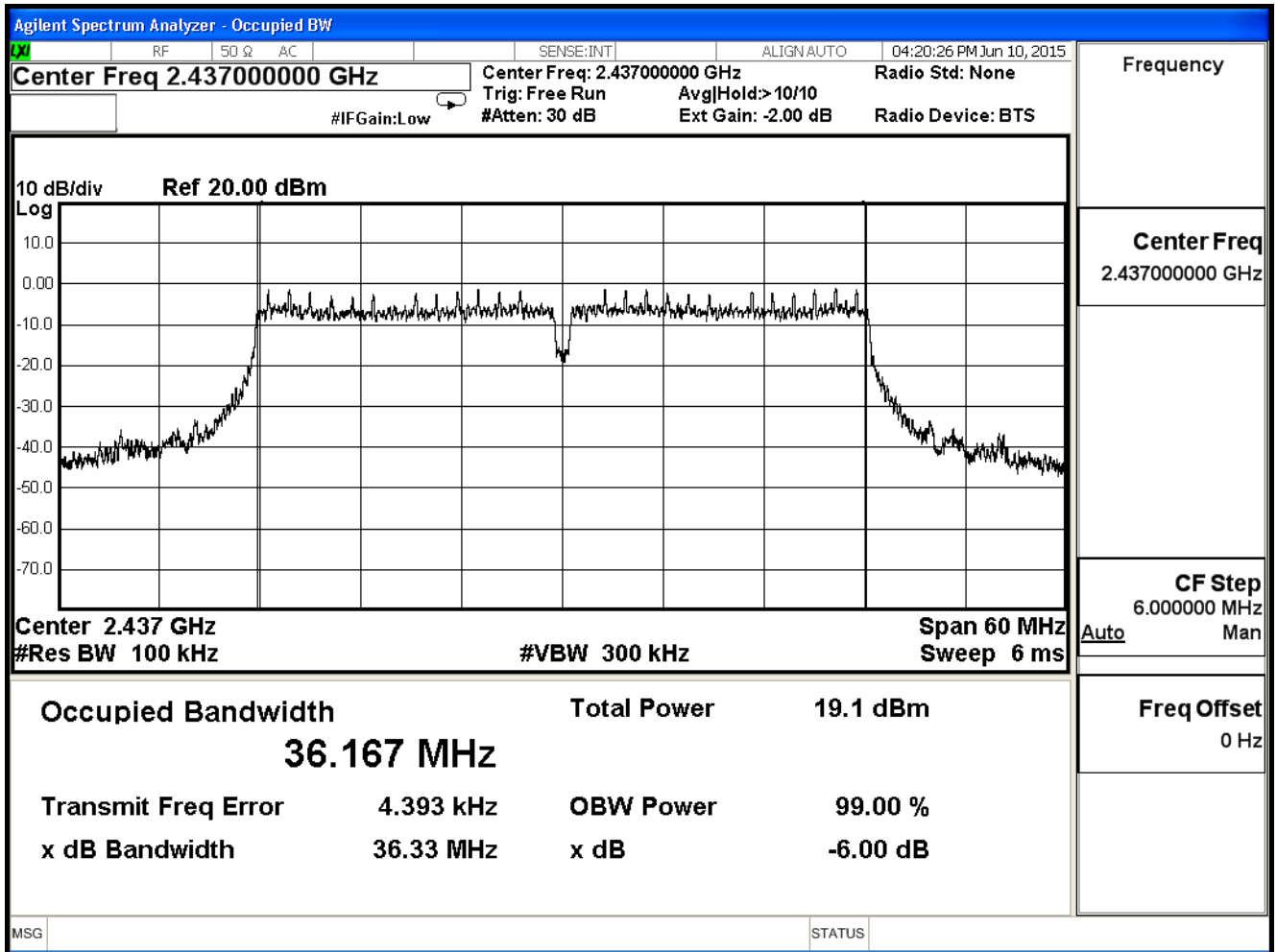
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), ANT 1				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.35	≥ 0.5	Pass
6	2437	36.33	≥ 0.5	Pass
9	2452	36.32	≥ 0.5	Pass

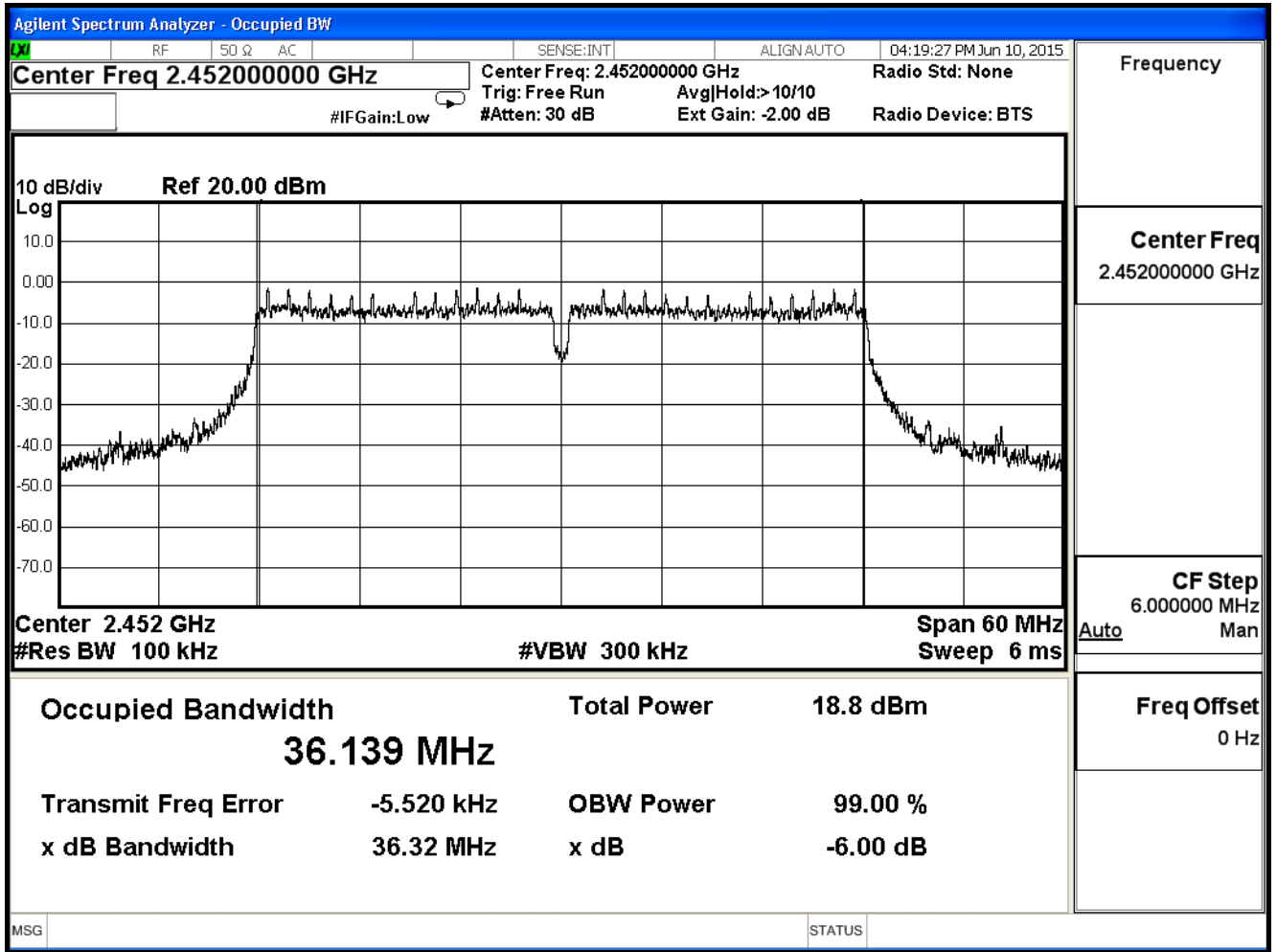
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



8. Occupied Bandwidth

8.1. Test Equipment

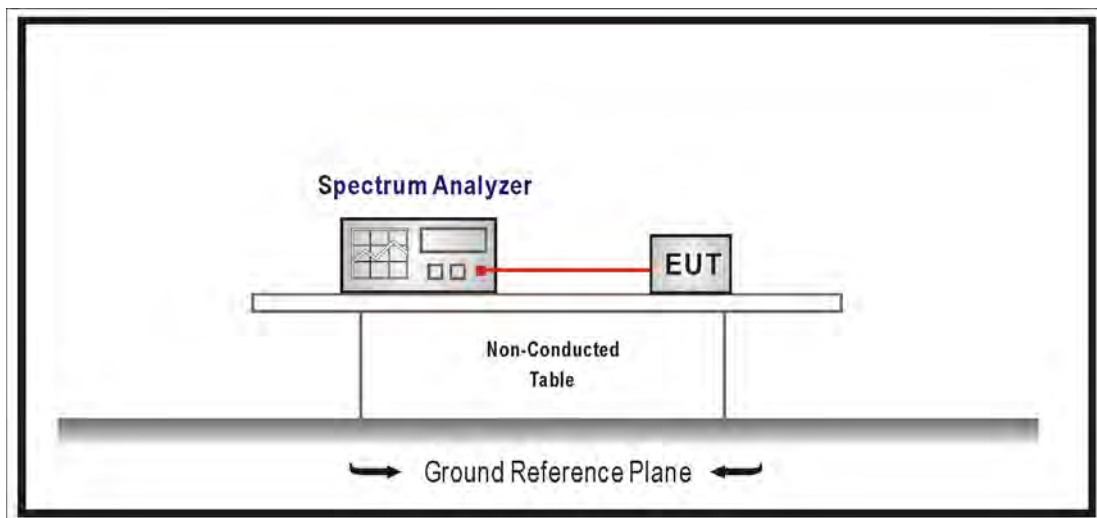
The following test equipments are used during the test:

Occupied Bandwidth / SR7

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

Note: 1. 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; tested according to DTS test procedure section 8.1 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, VBW $\geq 3 \times$ RBW, Sweep time=Auto, Set Peak detector.

8.4. Limits

NA

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

8.6. Uncertainty

The measurement uncertainty is defined as $\pm 150\text{Hz}$

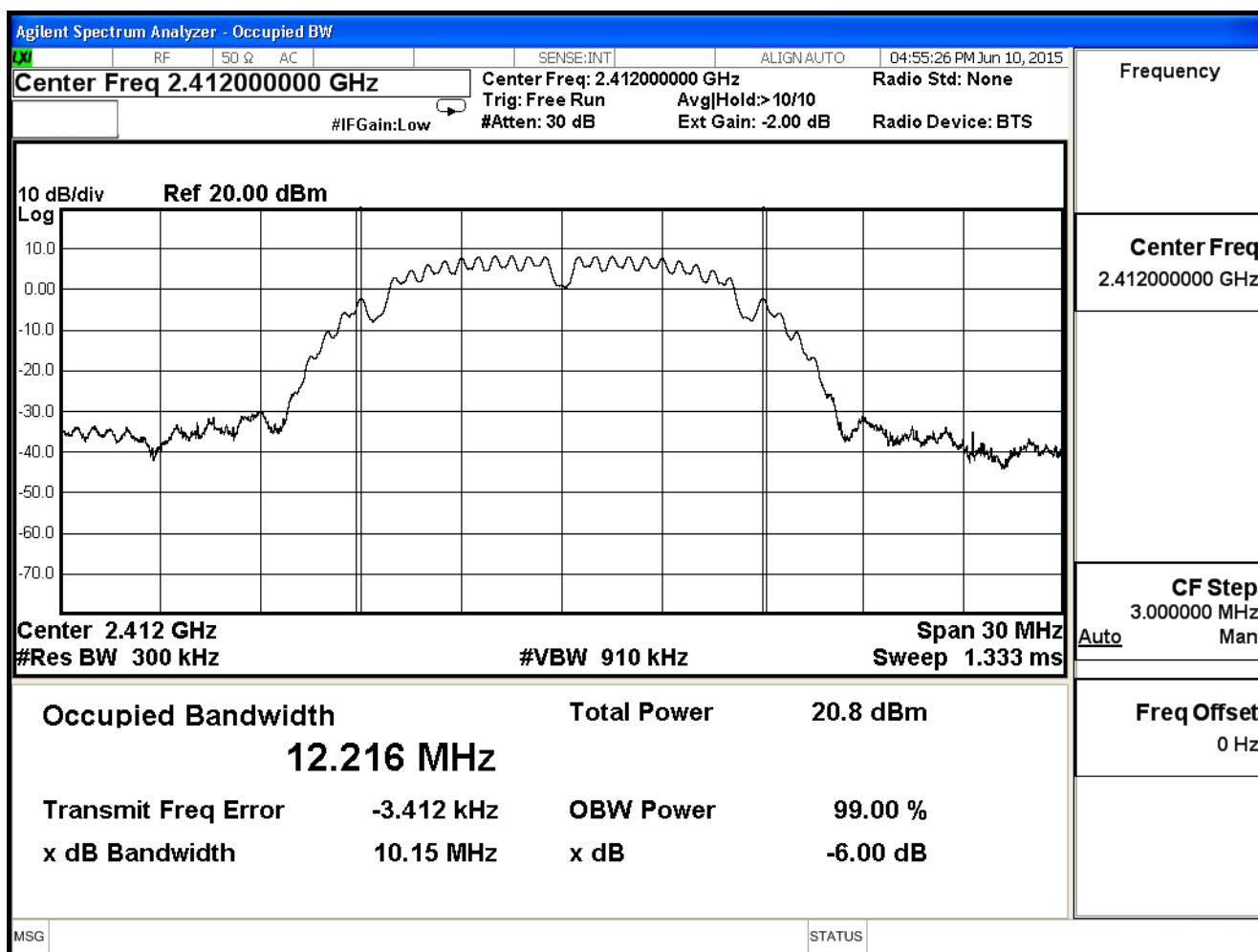
8.7. Test Result

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

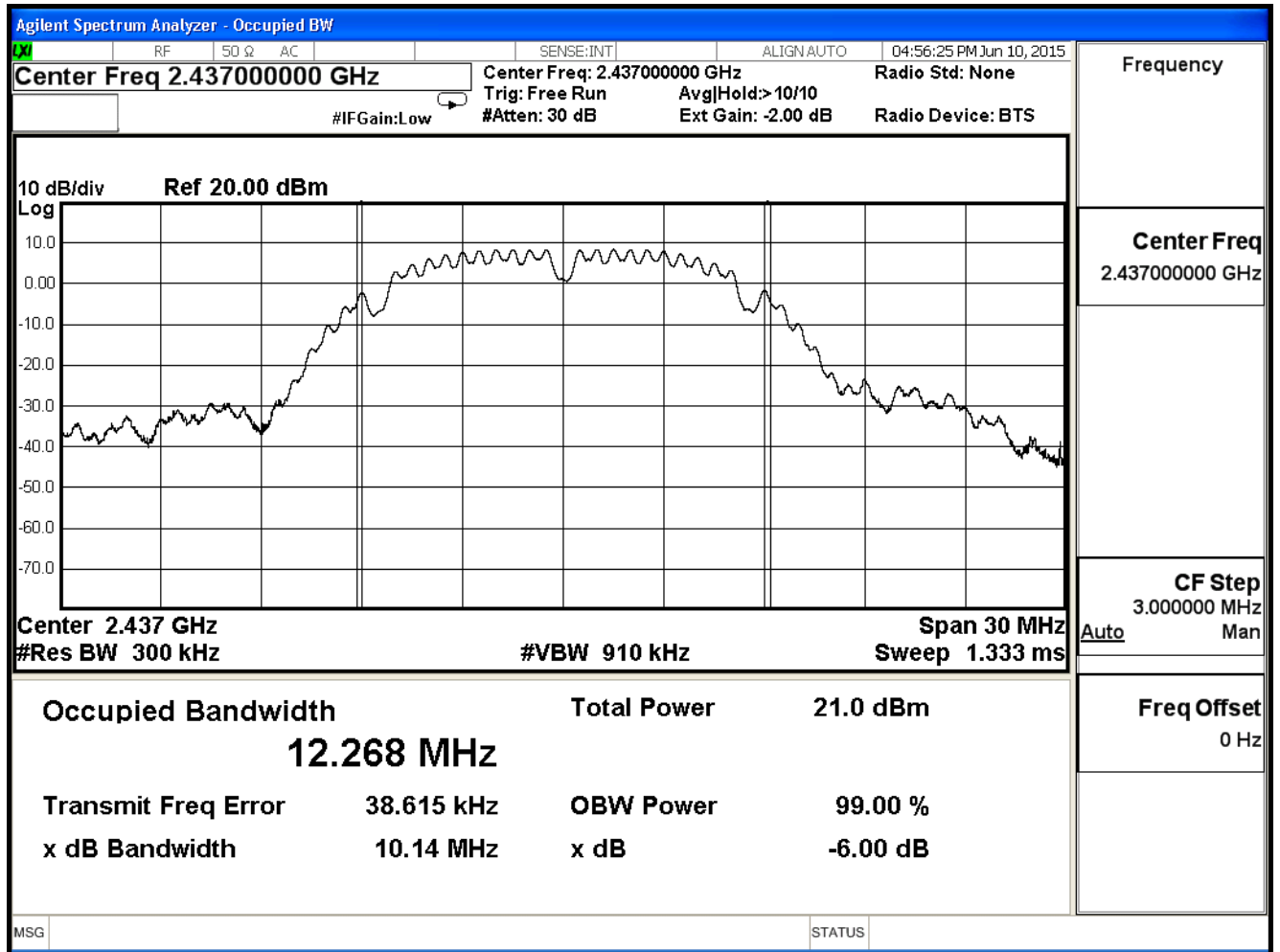
802.11 b, ANT 0

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	12.216	--	Pass
6	2437	12.268	--	Pass
11	2462	12.536	--	Pass

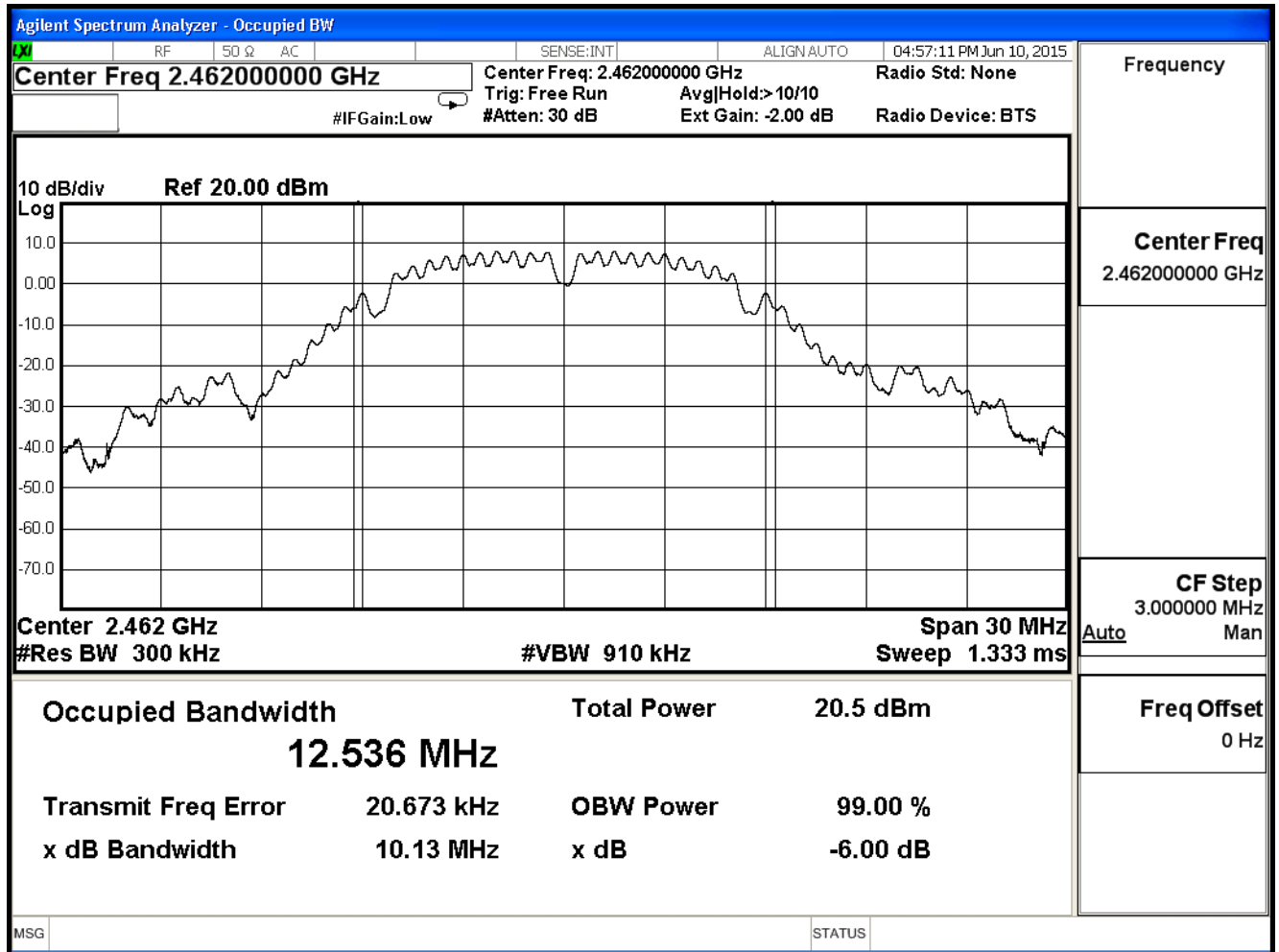
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

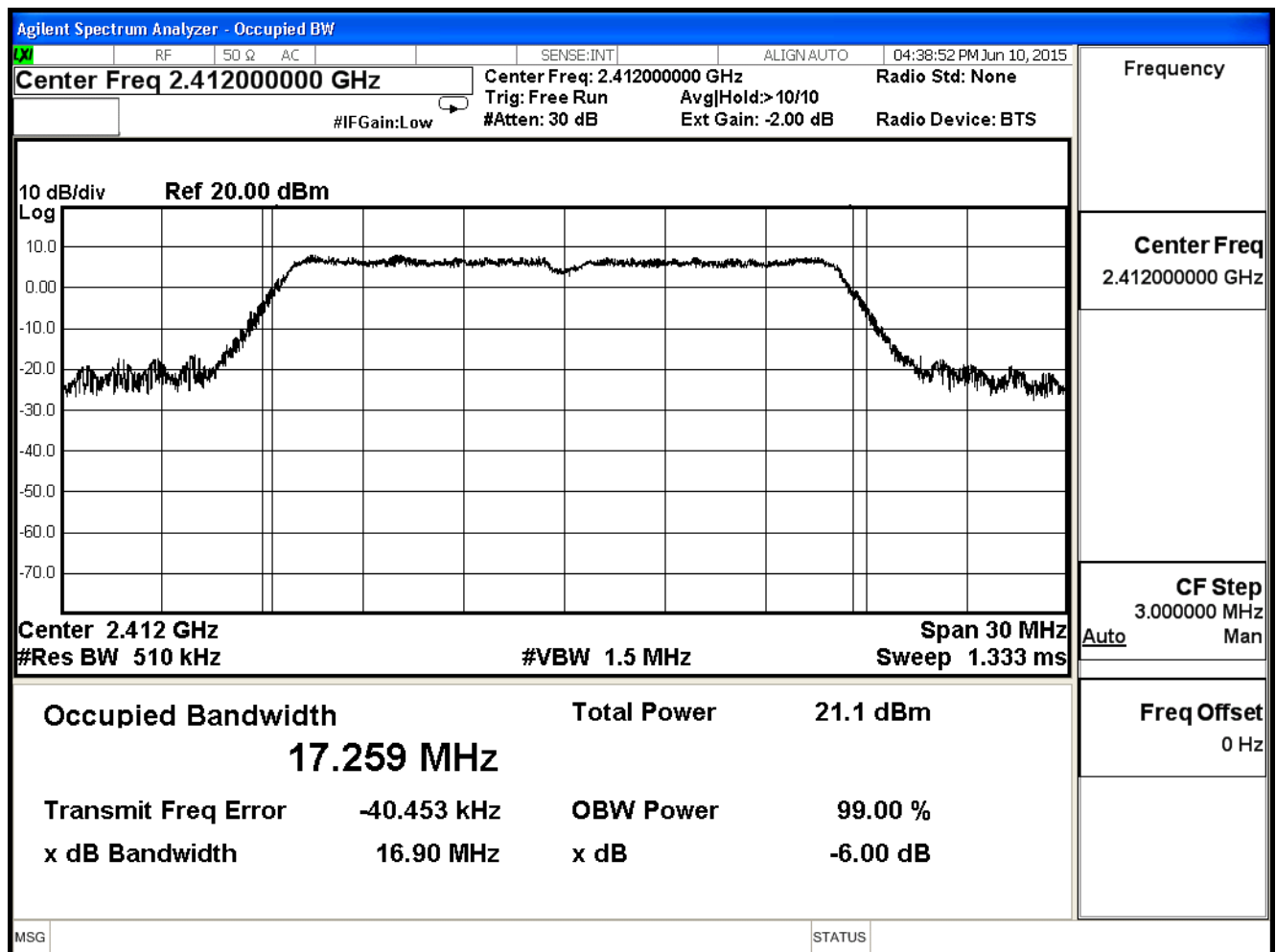


Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

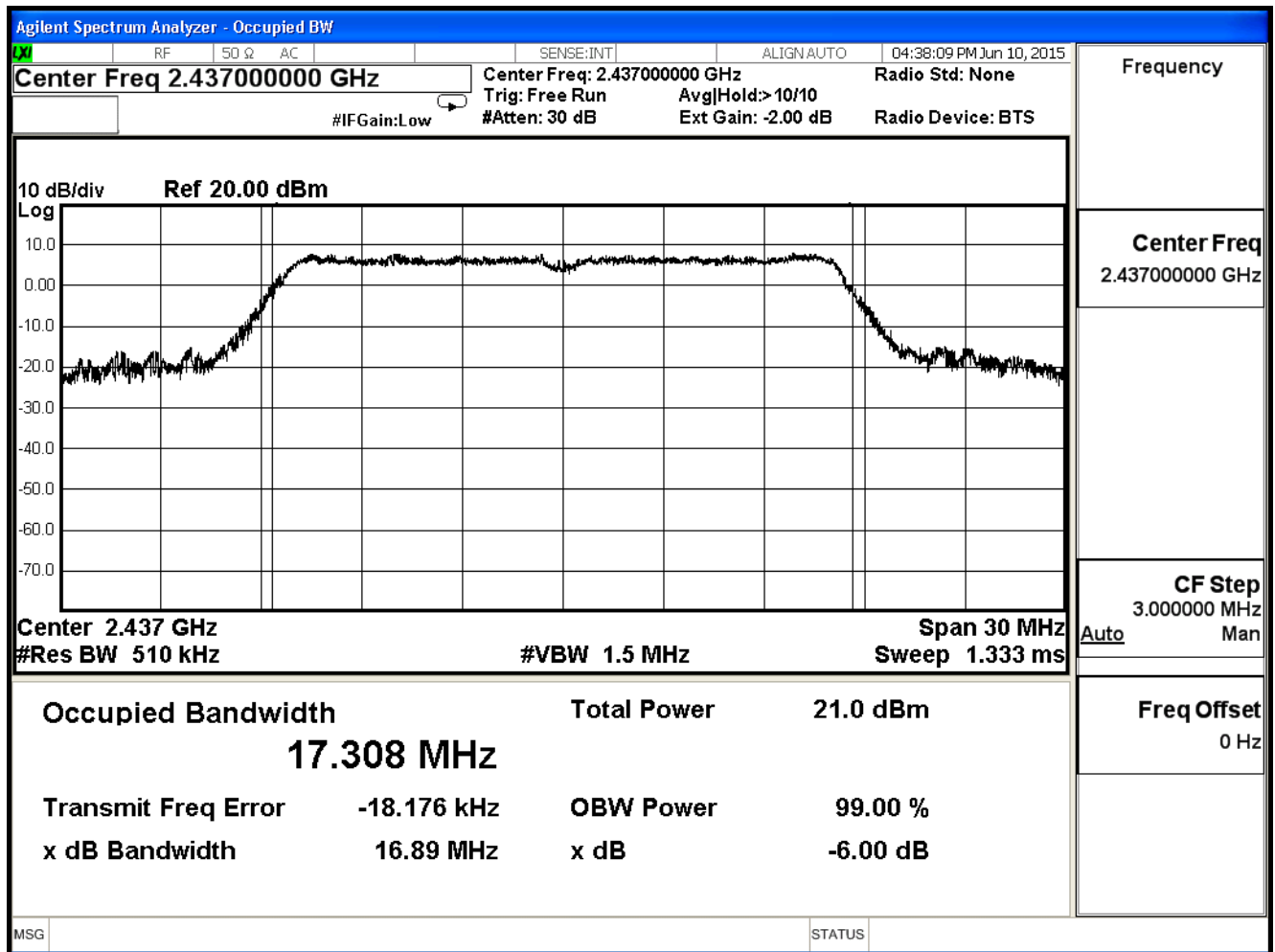
IEEE 802.11g, ANT 0

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.259	--	Pass
6	2437	17.308	--	Pass
11	2462	17.705	--	Pass

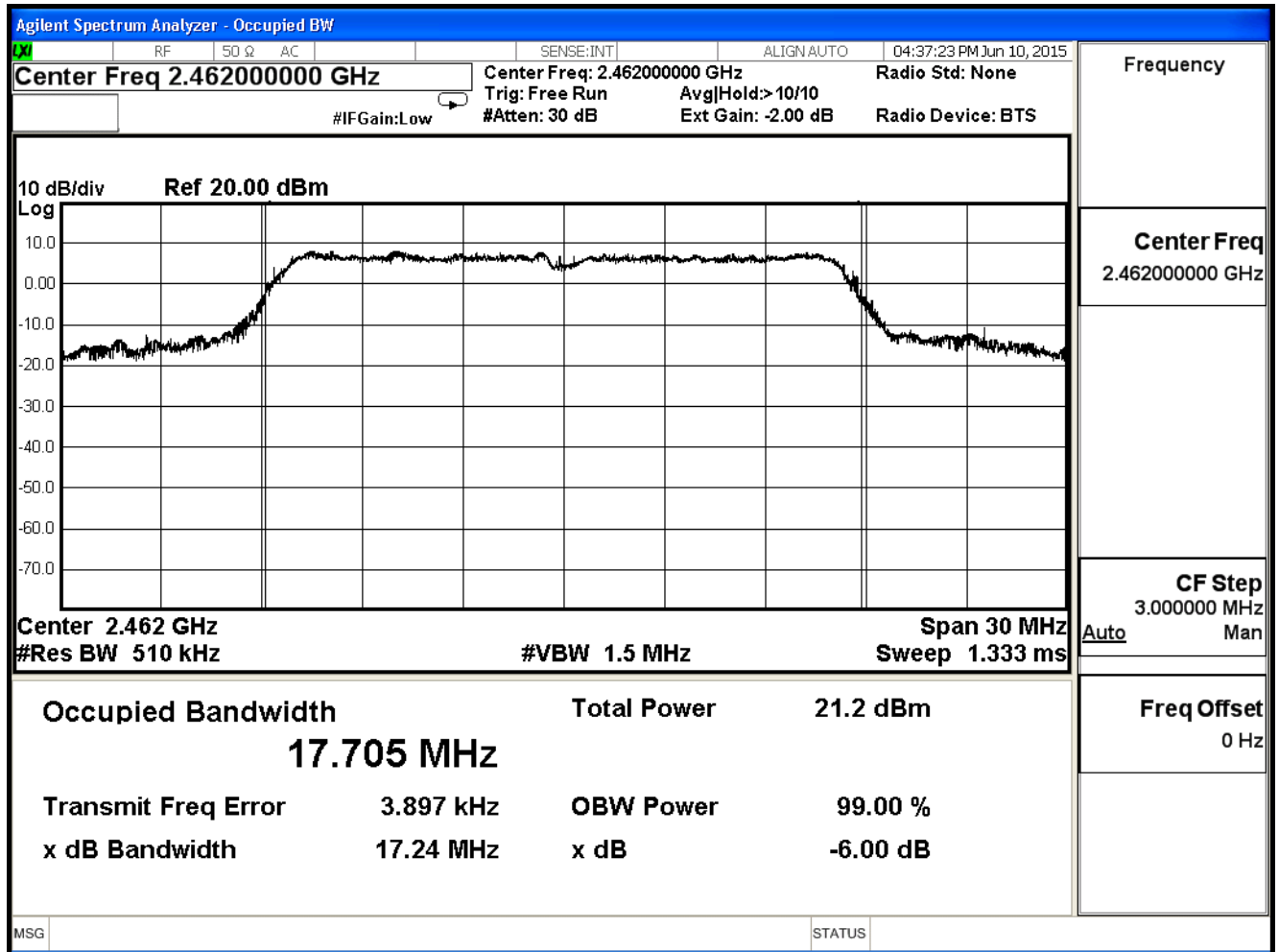
Channel 1 (2412MHz)



Channel 6 (2437MHz)



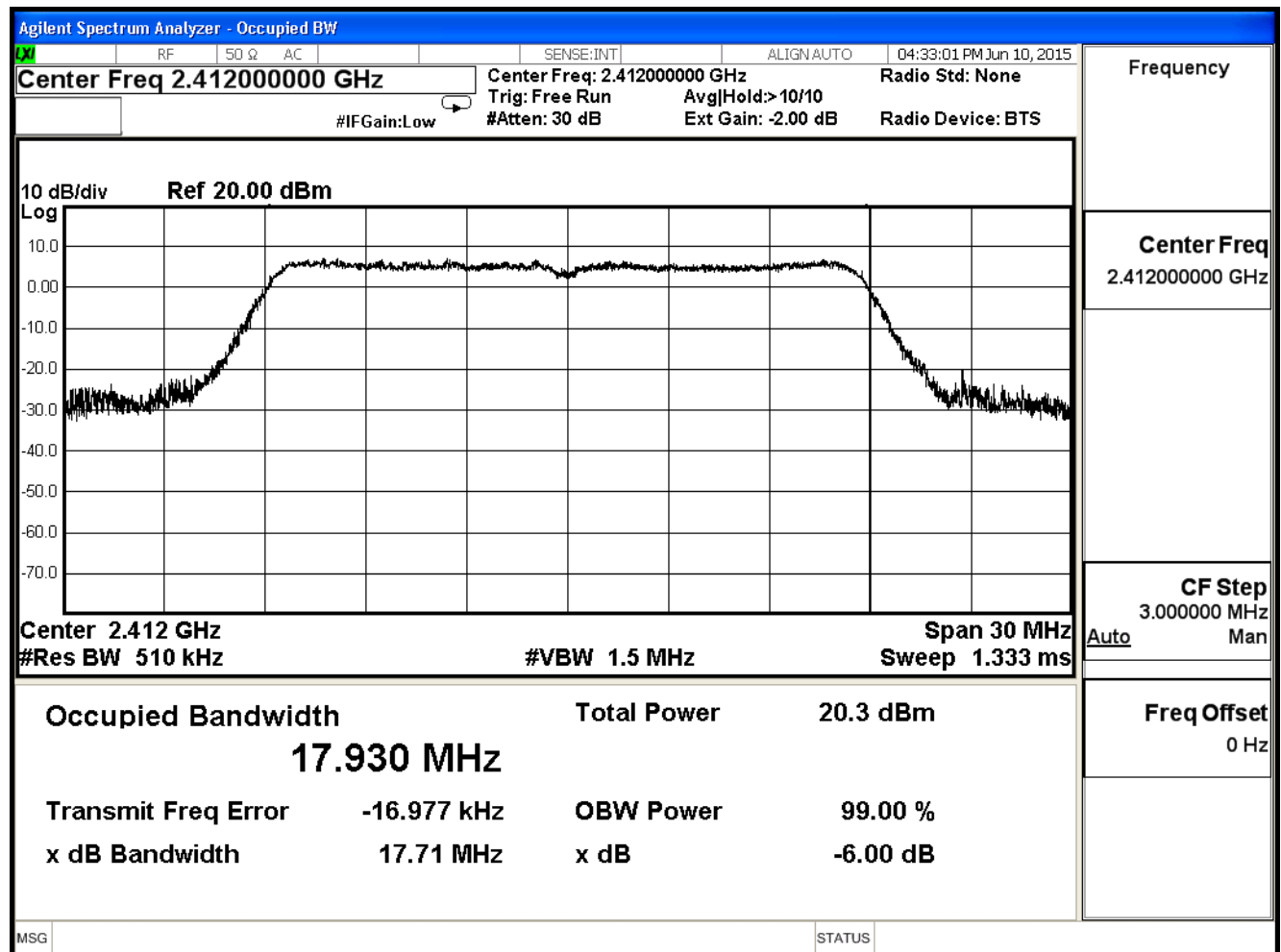
Channel 11 (2462MHz)



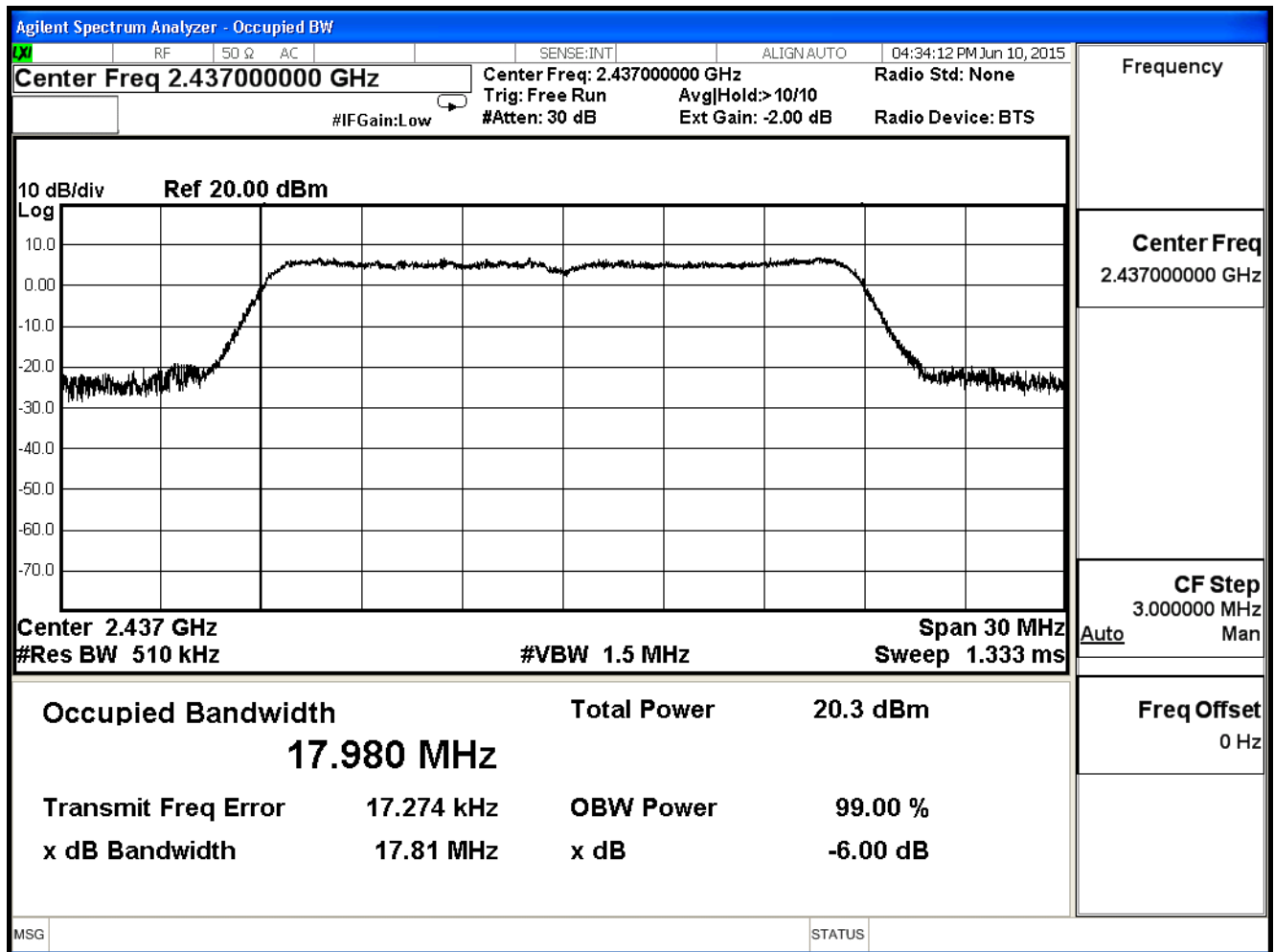
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), ANT 0				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.930	--	Pass
6	2437	17.980	--	Pass
11	2462	18.152	--	Pass

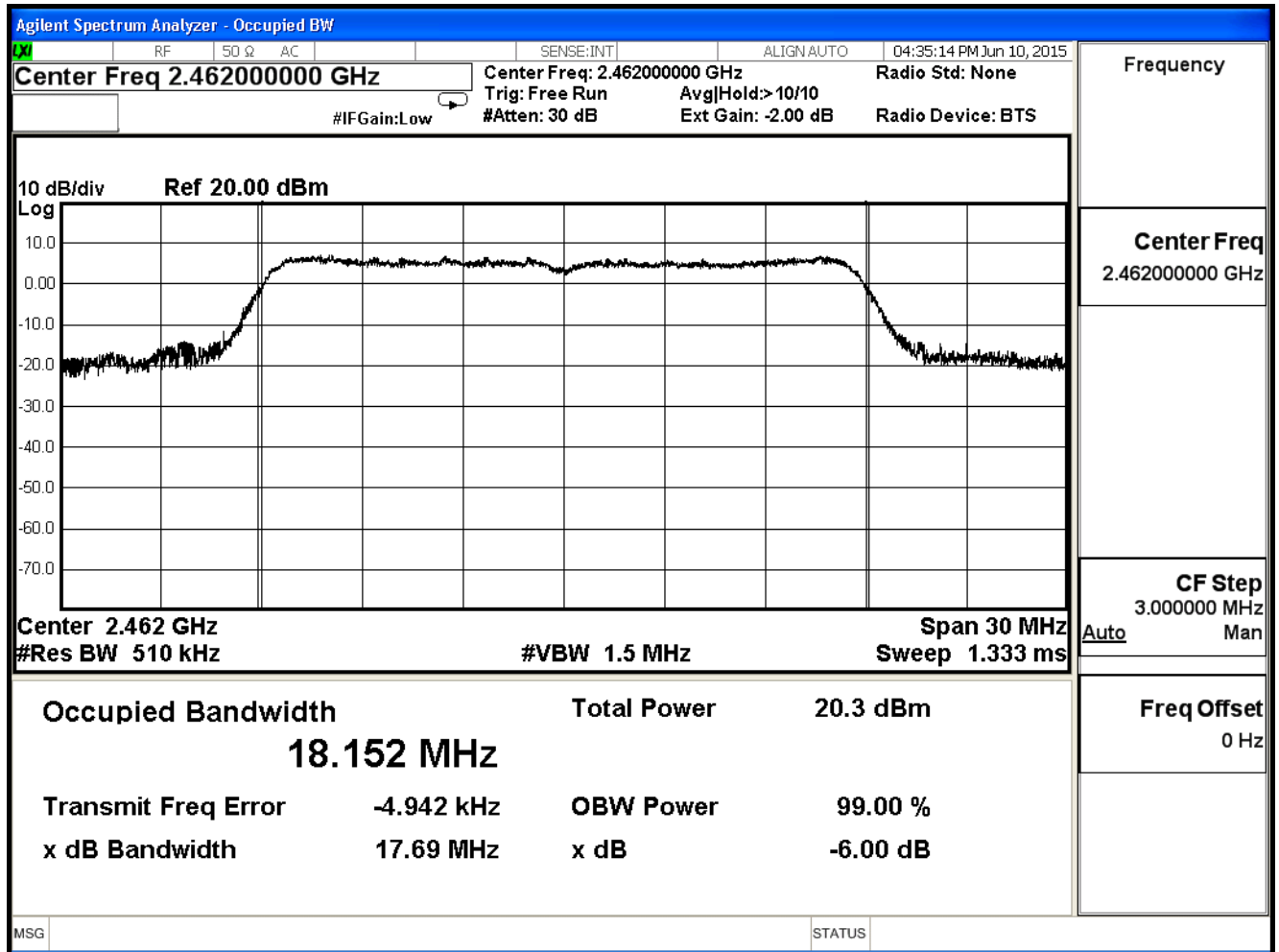
Channel 1 (2412MHz)



Channel 6 (2437MHz)



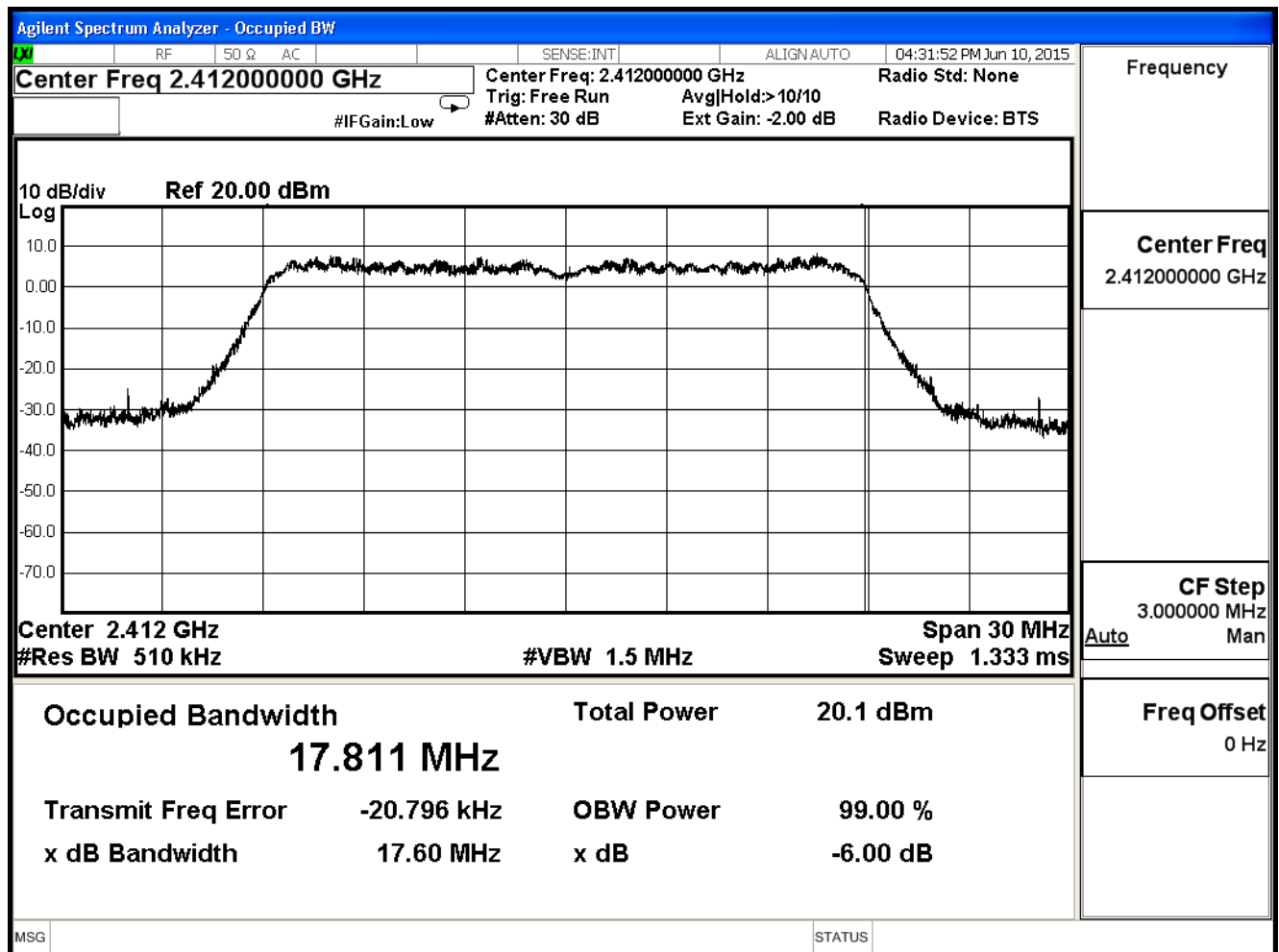
Channel 11 (2462MHz)



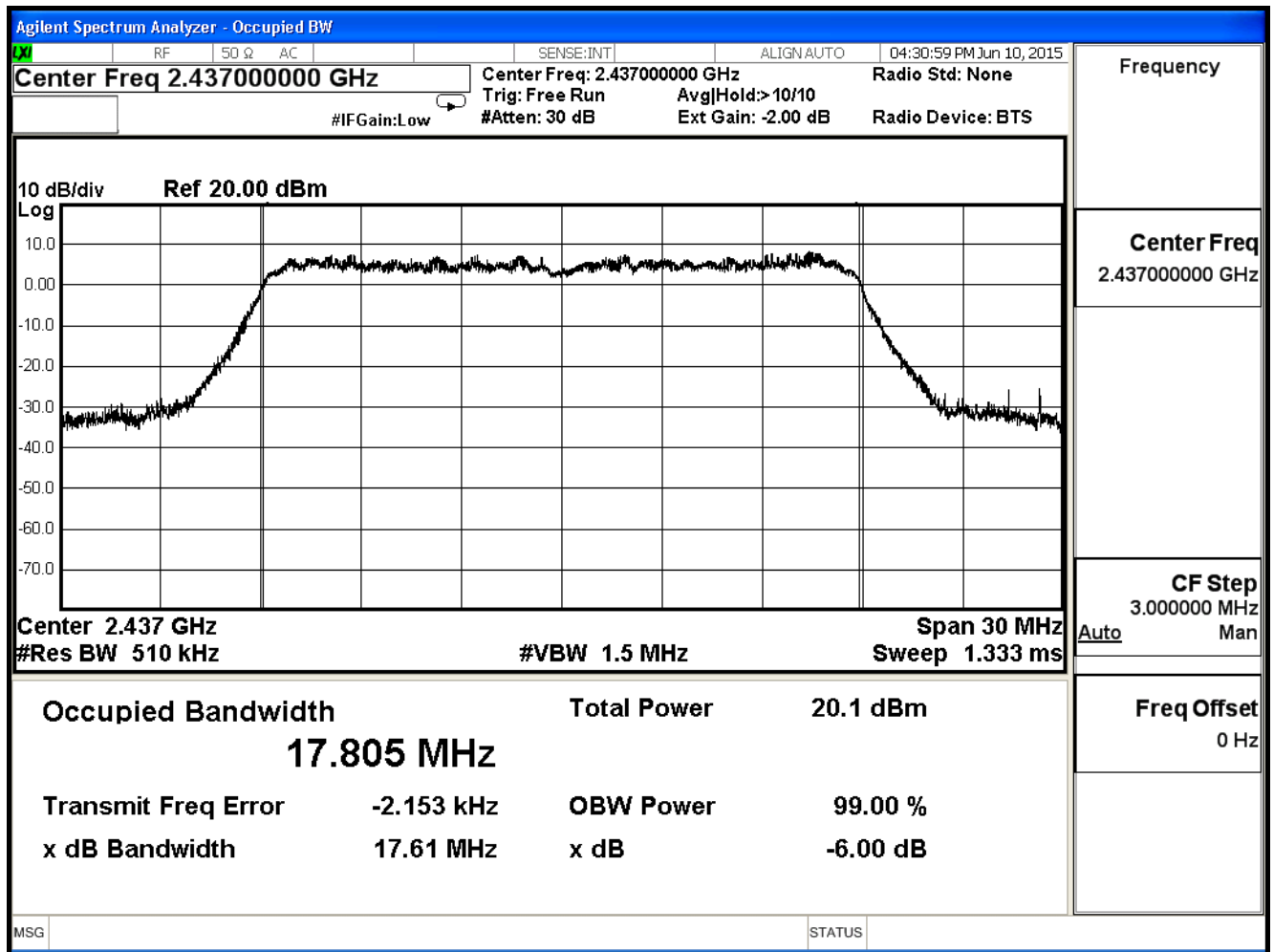
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), ANT 1				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.811	--	Pass
6	2437	17.805	--	Pass
11	2462	17.799	--	Pass

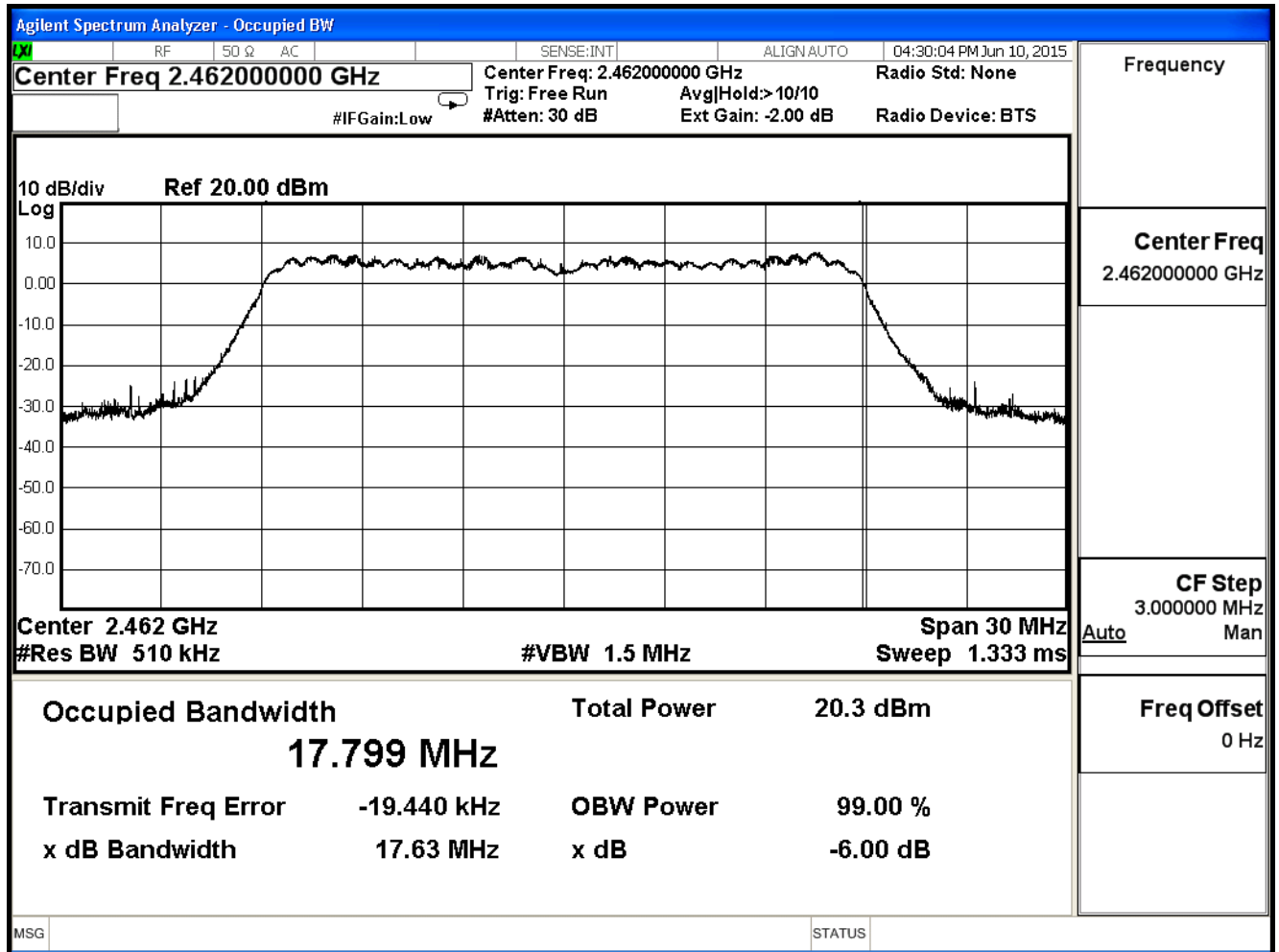
Channel 1 (2412MHz)



Channel 6 (2437MHz)



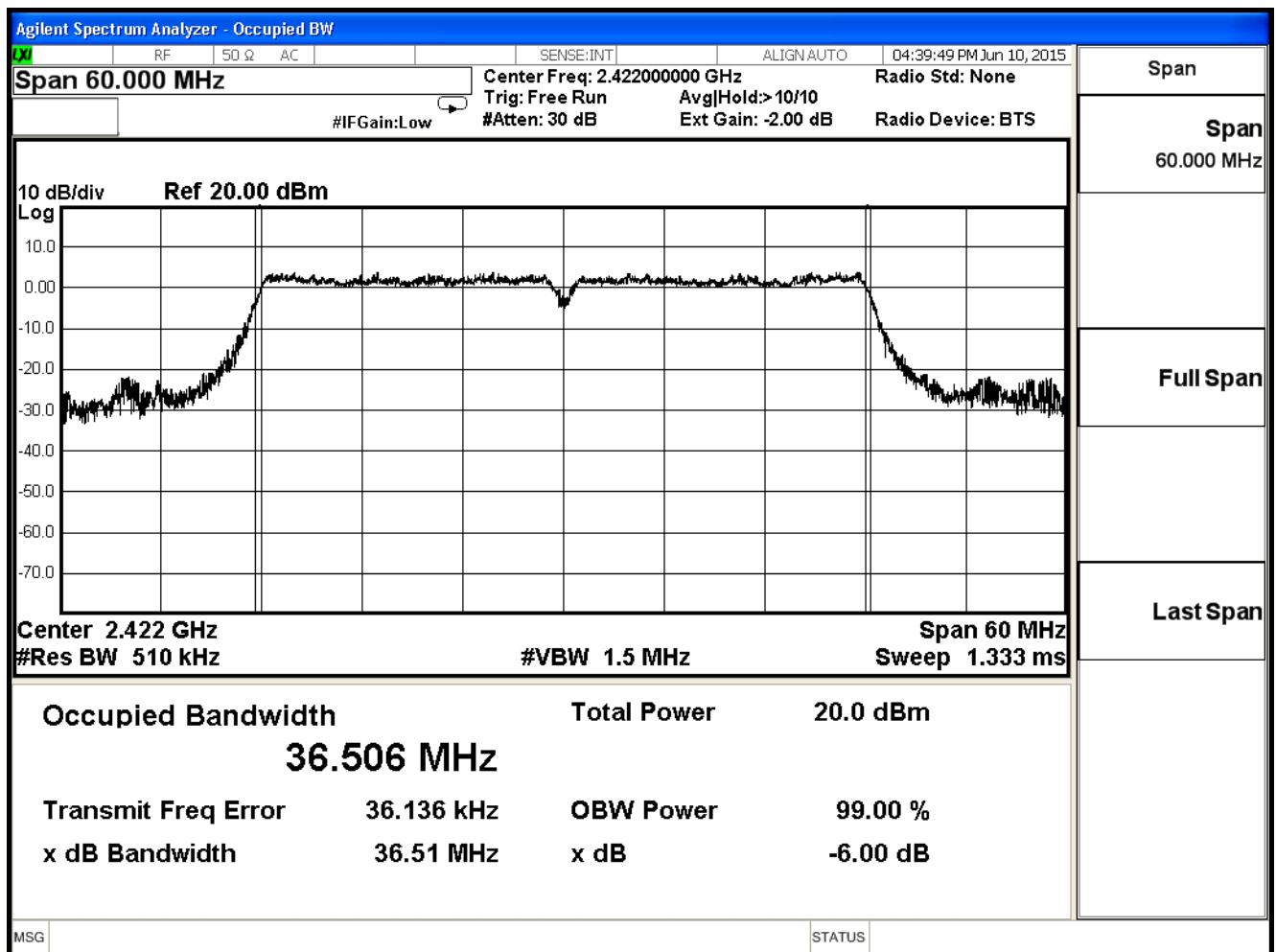
Channel 11 (2462MHz)



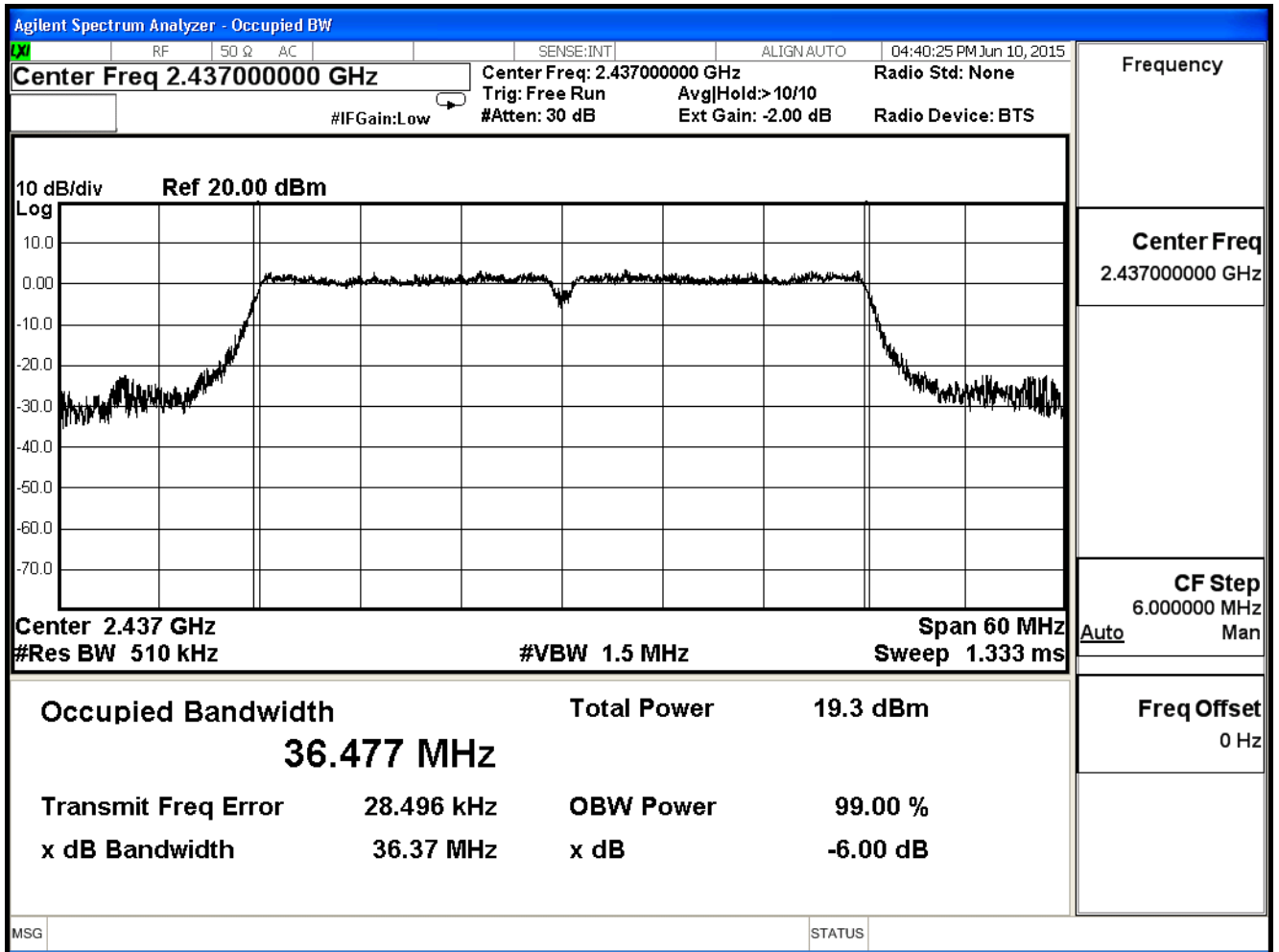
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), ANT 0				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.506	--	Pass
6	2437	36.477	--	Pass
9	2452	36.598	--	Pass

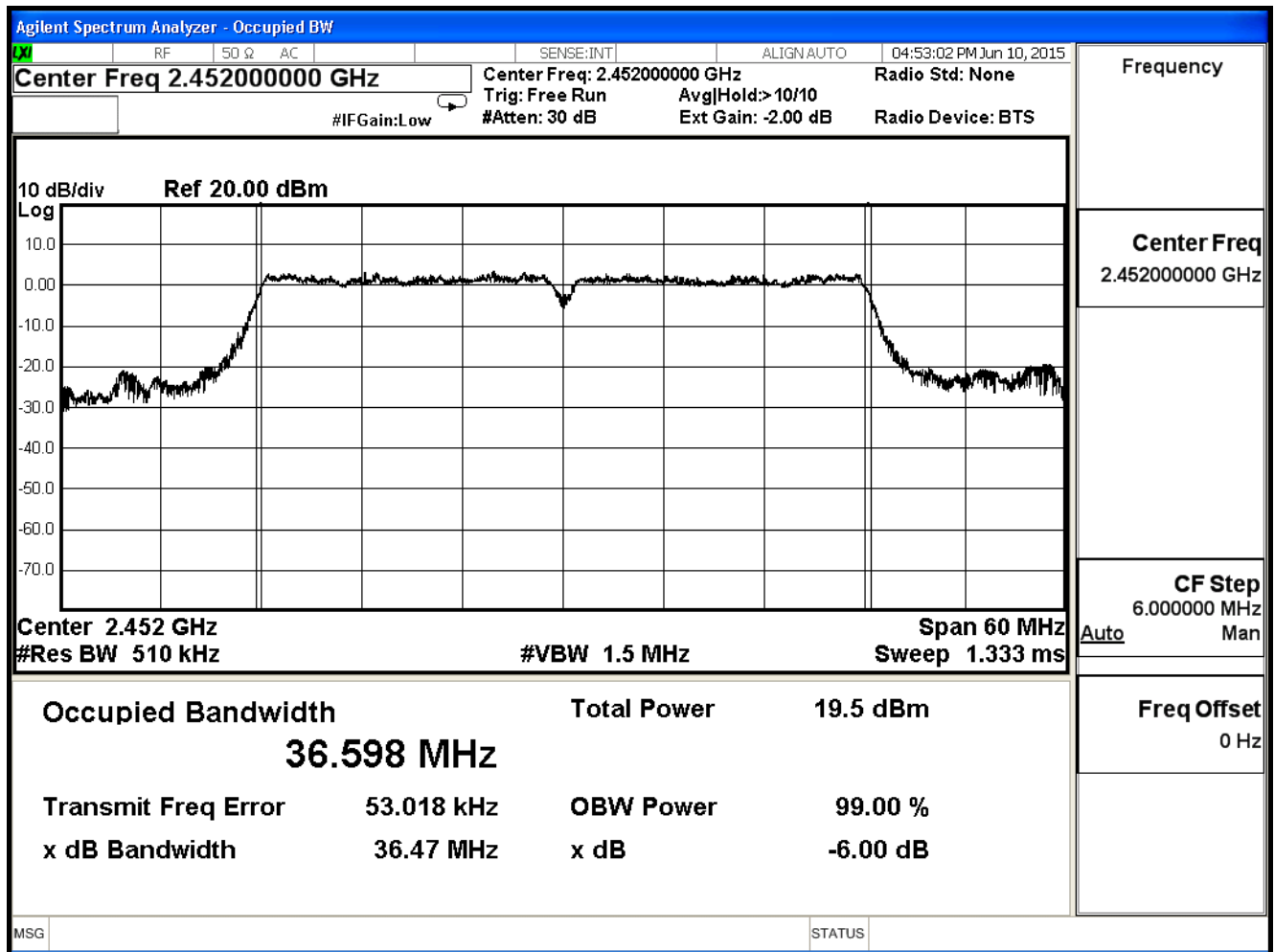
Channel 3 (2422MHz)



Channel 6 (2437MHz)



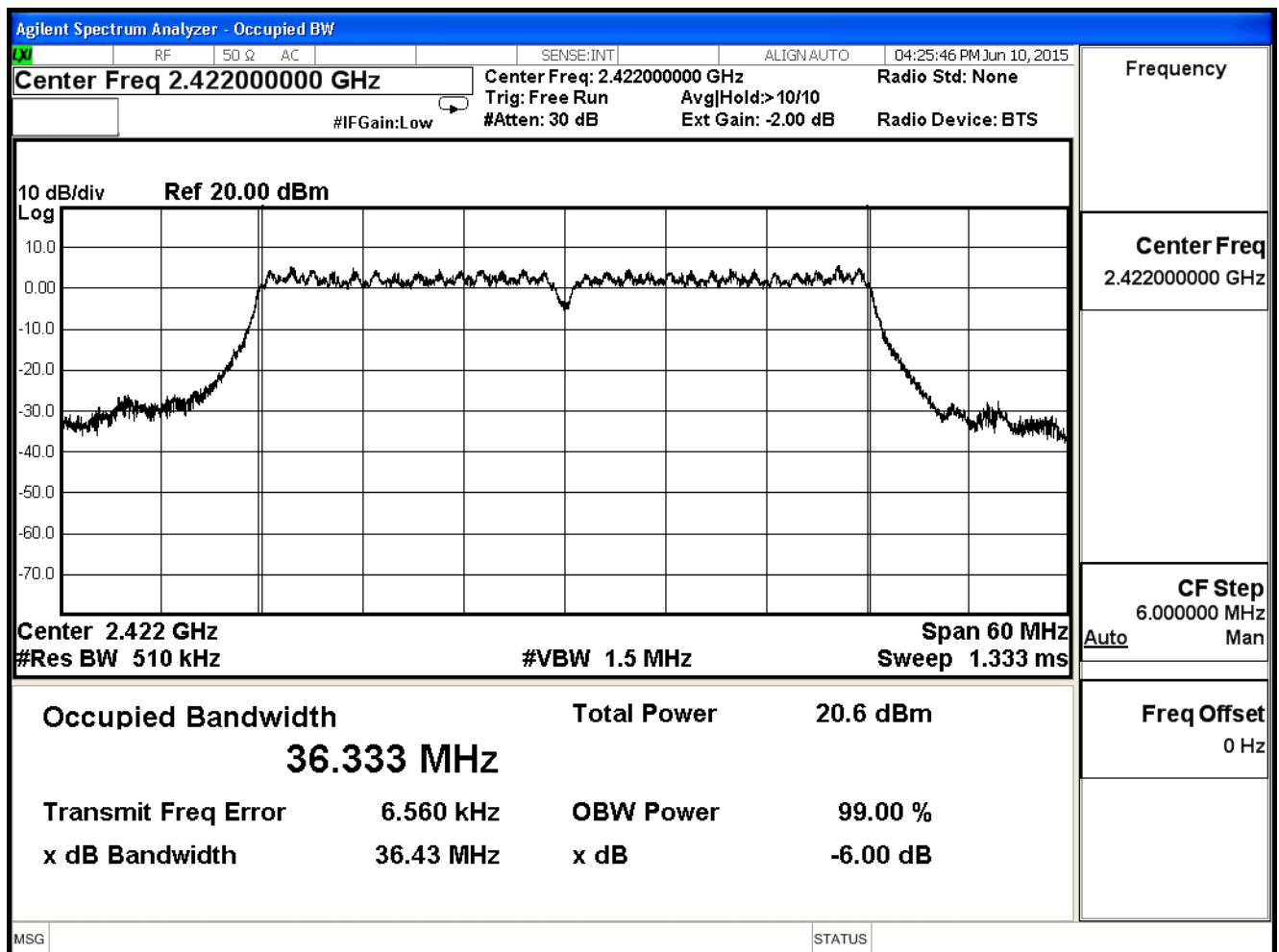
Channel 9 (2452MHz)



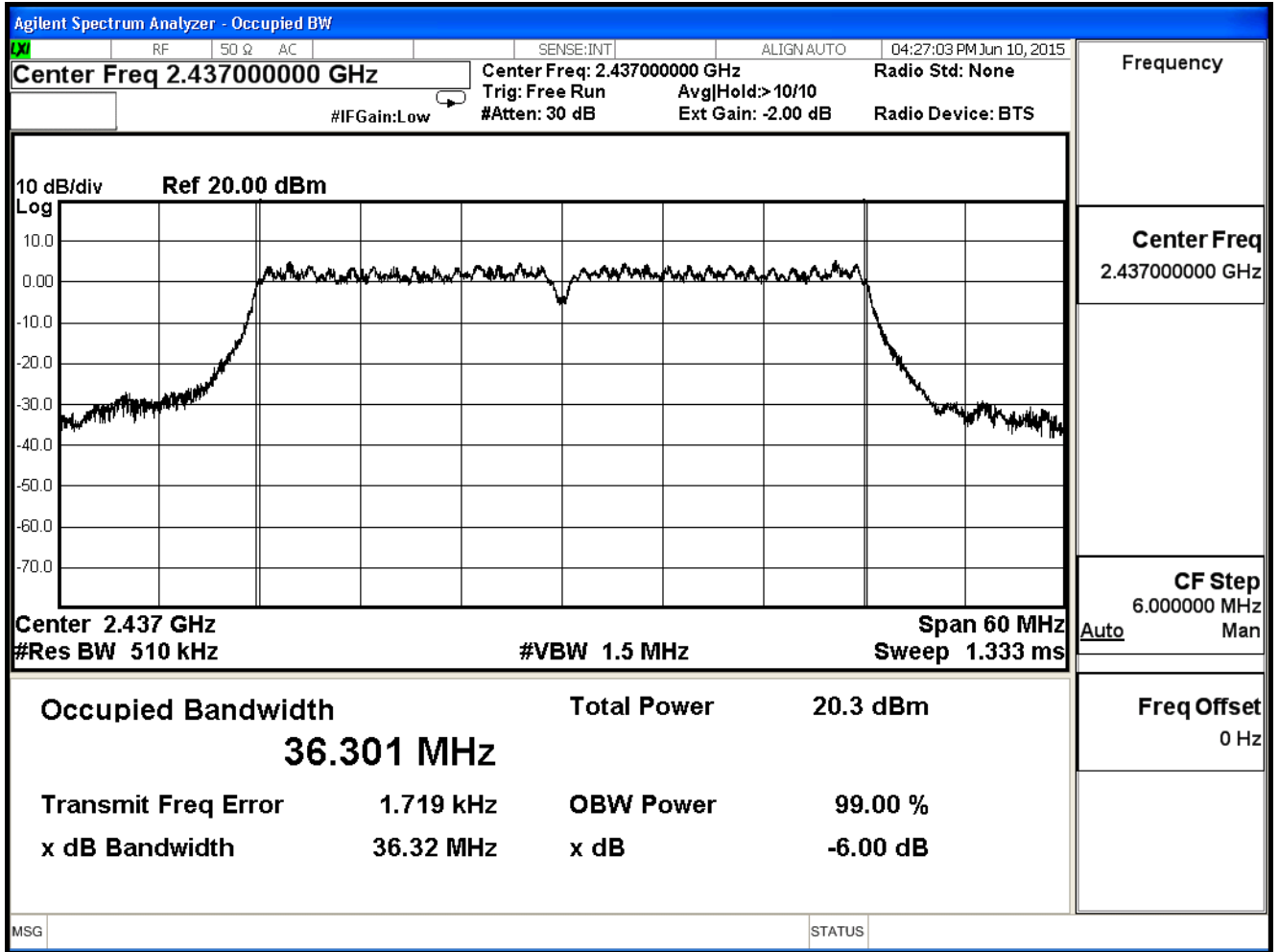
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), ANT 1				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.333	--	Pass
6	2437	36.301	--	Pass
9	2452	36.320	--	Pass

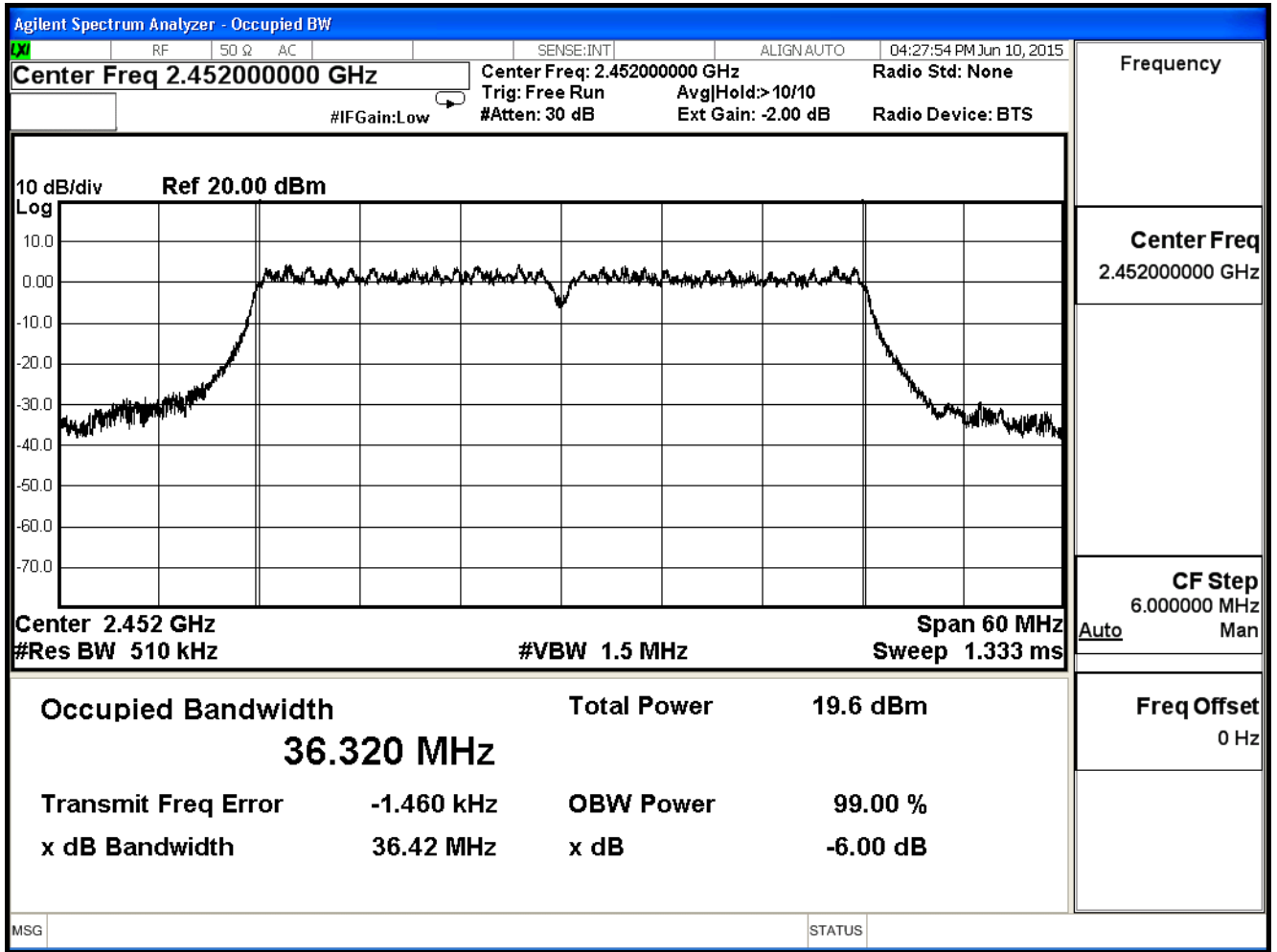
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



9. Power Density

9.1. Test Equipment

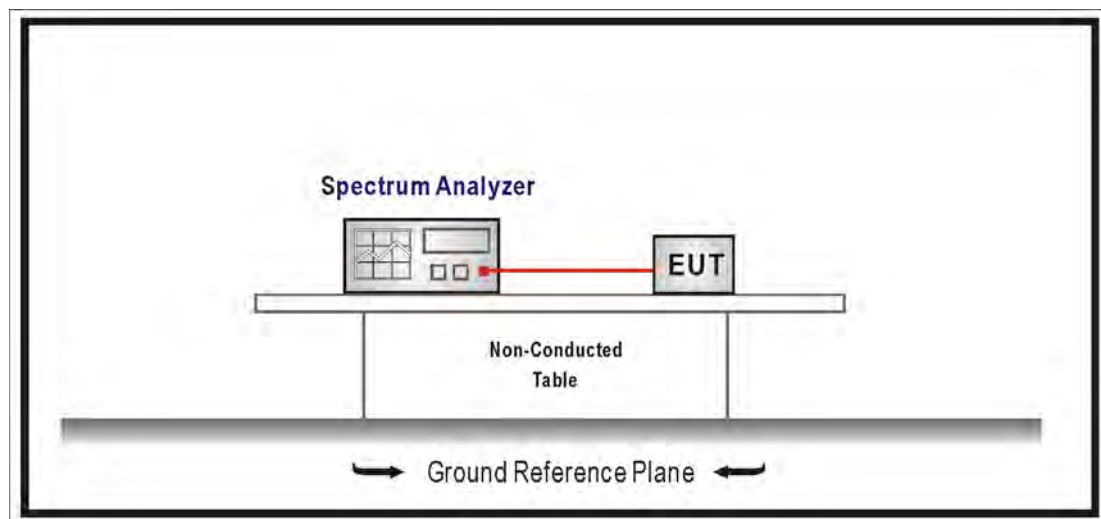
The following test equipment is used during the test:

Power Density / SR7

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

Note: 1. 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; tested according to DTS test procedure section 10.2 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set $3\text{KHz} \leq \text{RBW} \leq 100\text{ kHz}$, Set $\text{VBW} \geq 3 \times \text{RBW}$, Sweep time=Auto, Set Peak detector; The tested according to section E)c) of KDB662911 v02v01.

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

9.6. Uncertainty

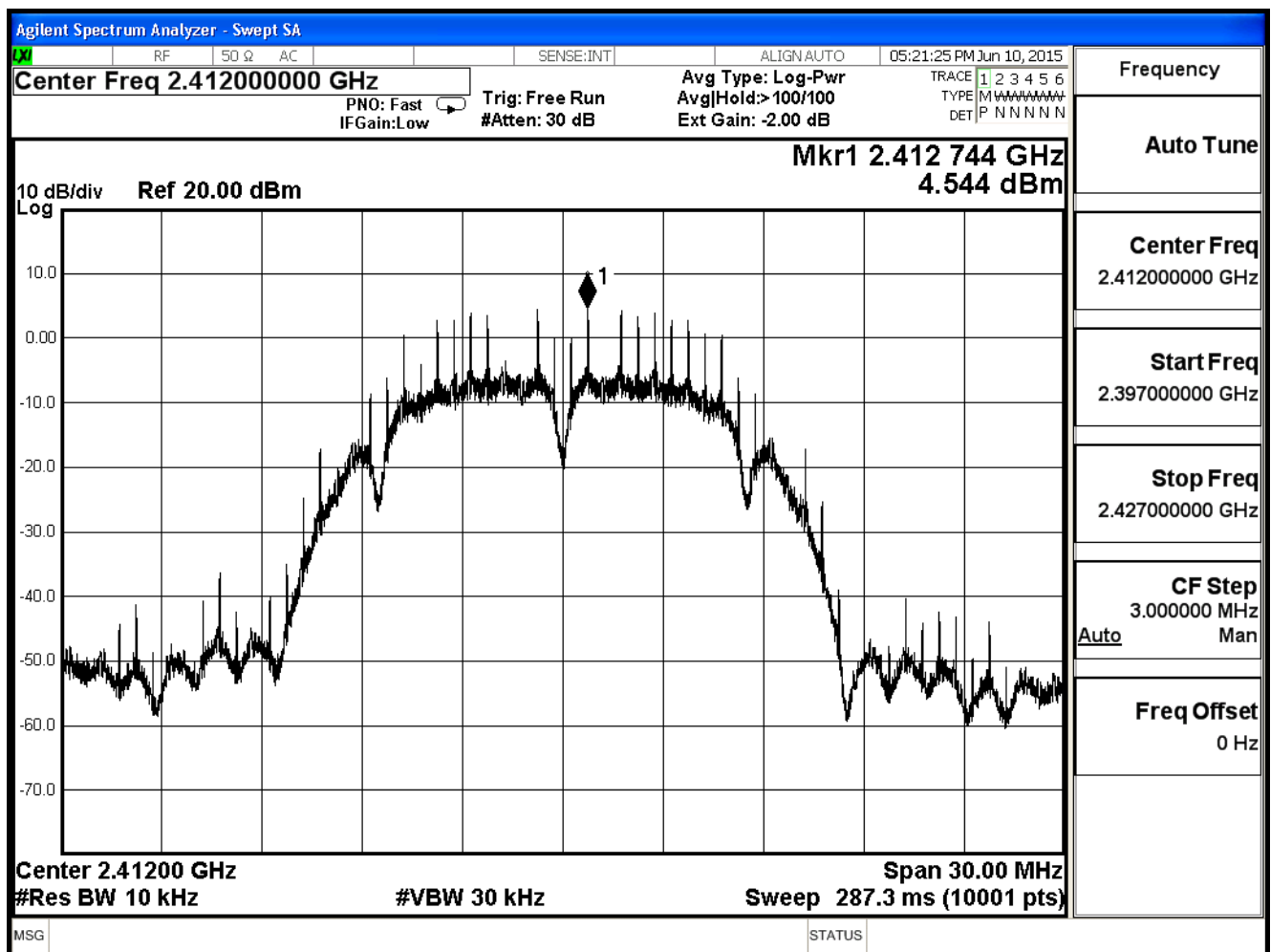
The measurement uncertainty is defined as $\pm 1.27\text{dB}$.

9.7. Test Result

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11b, ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	4.544	≤ 8	Pass
6	2437	5.886	≤ 8	Pass
11	2462	5.887	≤ 8	Pass

Channel 1 (2412MHz)



Agilent Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 05:19:48 PM Jun 10, 2015

Center Freq 2.43700000 GHz Avg Type: Log-Pwr PNO: Fast Trig: Free Run IF Gain: Low #Atten: 30 dB Avg|Hold:>100/100 Ext Gain:-2.00 dB

TRACE 1 2 3 4 5 6 TYPE M W W W W W W W W W DET P N N N N N

Frequency

Auto Tune

Center Freq 2.437000000 GHz

Start Freq 2.422000000 GHz

Stop Freq 2.452000000 GHz

CF Step 3.000000 MHz Man

Auto

Freq Offset 0 Hz

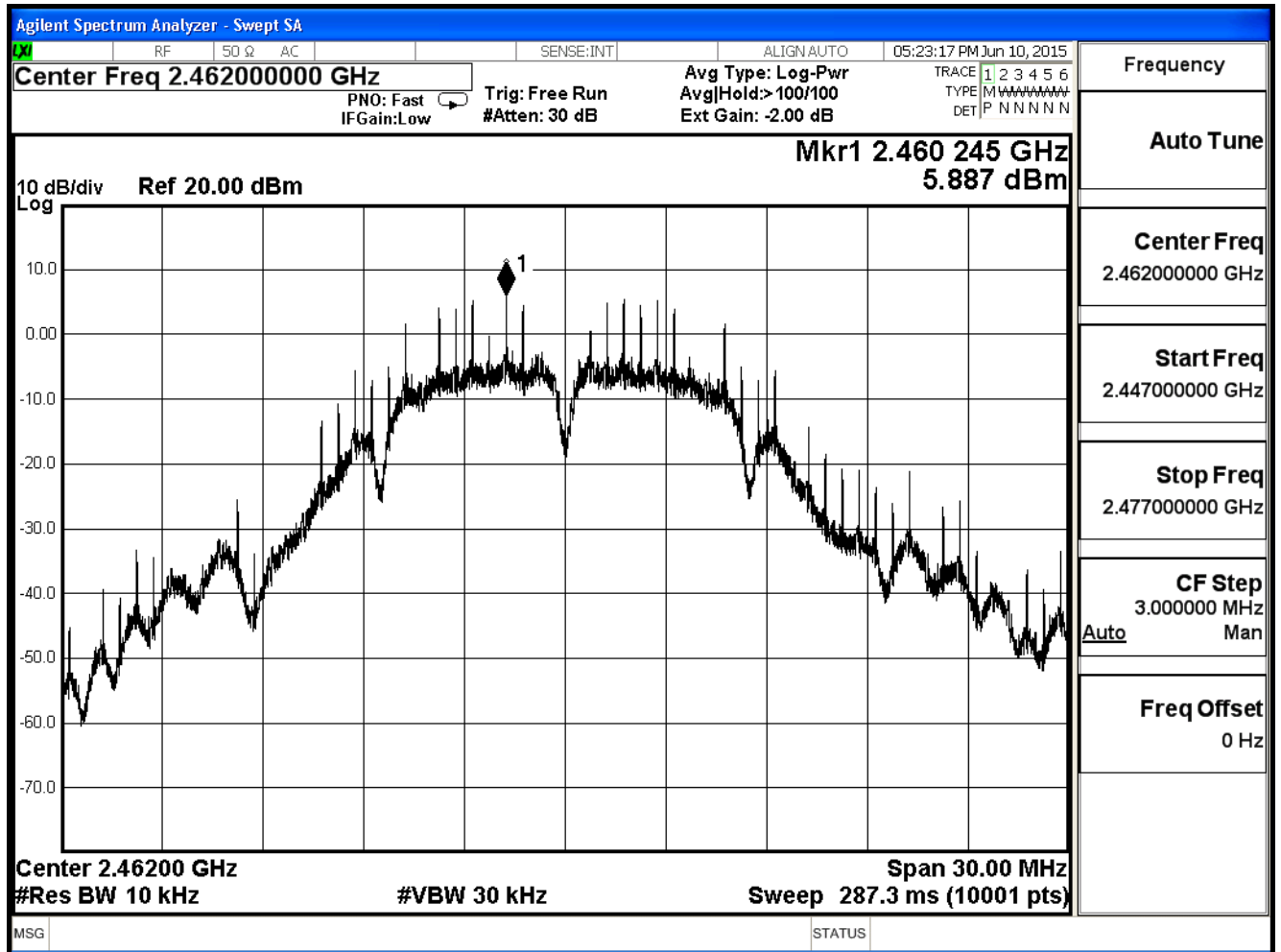
10 dB/div Ref 20.00 dBm

Mkr1 2.436 244 GHz 5.886 dBm

Center 2.43700 GHz #Res BW 10 kHz #VBW 30 kHz Span 30.00 MHz Sweep 287.3 ms (10001 pts)

MSG STATUS

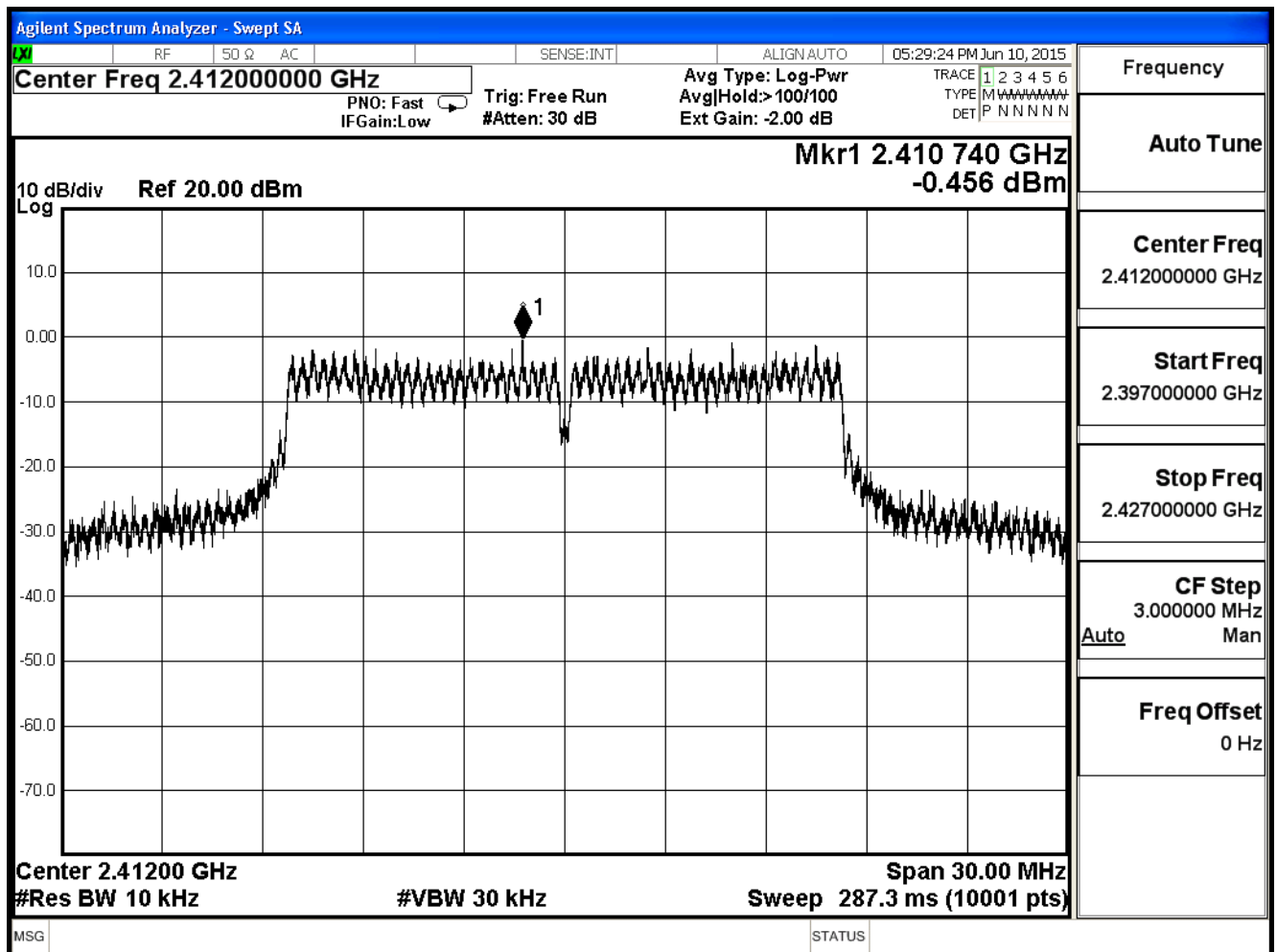
Channel 11 (2462MHz)



Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11g, ANT 0				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
1	2412	-0.456	≤ 8	Pass
6	2437	1.468	≤ 8	Pass
11	2462	-6.555	≤ 8	Pass

Channel 1 (2412MHz)



Agilent Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN:AUTO 05:26:32 PM Jun 10, 2015

Center Freq 2.43700000 GHz

PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB

Avg Type: Log-Pwr Avg|Hold:>100/100 Ext Gain: -2.00 dB

TRACE 1 2 3 4 5 6 TYPE M N N N N N N DET P N N N N N N

Frequency

Auto Tune

Center Freq 2.43700000 GHz

Start Freq 2.42200000 GHz

Stop Freq 2.45200000 GHz

CF Step 3.000000 MHz Man

Freq Offset 0 Hz

10 dB/div Log Ref 20.00 dBm

Mkr1 2.444 479 GHz 1.468 dBm

Center 2.43700 GHz Span 30.00 MHz

#Res BW 10 kHz #VBW 30 kHz Sweep 287.3 ms (10001 pts)

The image shows a screenshot of an Agilent Spectrum Analyzer. The main display is a frequency spectrum plot with a grid. The vertical axis is labeled '10 dB/div Log' and ranges from -70.0 to 10.0. The horizontal axis is labeled 'Center 2.43700 GHz' and 'Span 30.00 MHz'. The plot shows a noisy signal with a prominent peak at 2.444 479 GHz, marked with a diamond and the number '1'. The peak is labeled 'Mkr1 2.444 479 GHz 1.468 dBm'. The signal level is approximately -10 dBm. The plot is titled 'Center Freq 2.43700000 GHz' and 'Ref 20.00 dBm'. The plot is also labeled '10 dB/div Log' and 'Ref 20.00 dBm'. The plot is also labeled 'Mkr1 2.444 479 GHz 1.468 dBm'. The plot is also labeled 'Center 2.43700 GHz Span 30.00 MHz' and '#Res BW 10 kHz #VBW 30 kHz Sweep 287.3 ms (10001 pts)'. The plot is also labeled 'Frequency' and 'Auto Tune'.

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.46200000 GHz

PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB

Avg Type: Log-Pwr Avg|Hold:>100/100 Ext Gain: -2.00 dB

05:24:36 PM Jun 10, 2015

TRACE 1 2 3 4 5 6
TYPE M M M M M M M M
DET P N N N N N N

Frequency

Auto Tune

Center Freq 2.46200000 GHz

Start Freq 2.447000000 GHz

Stop Freq 2.477000000 GHz

CF Step 3.000000 MHz
Auto Man

Freq Offset 0 Hz

10 dB/div Ref 20.00 dBm

Mkr1 2.469 794 GHz -6.555 dBm

Center 2.46200 GHz

#Res BW 10 kHz

#VBW 30 kHz

Span 30.00 MHz

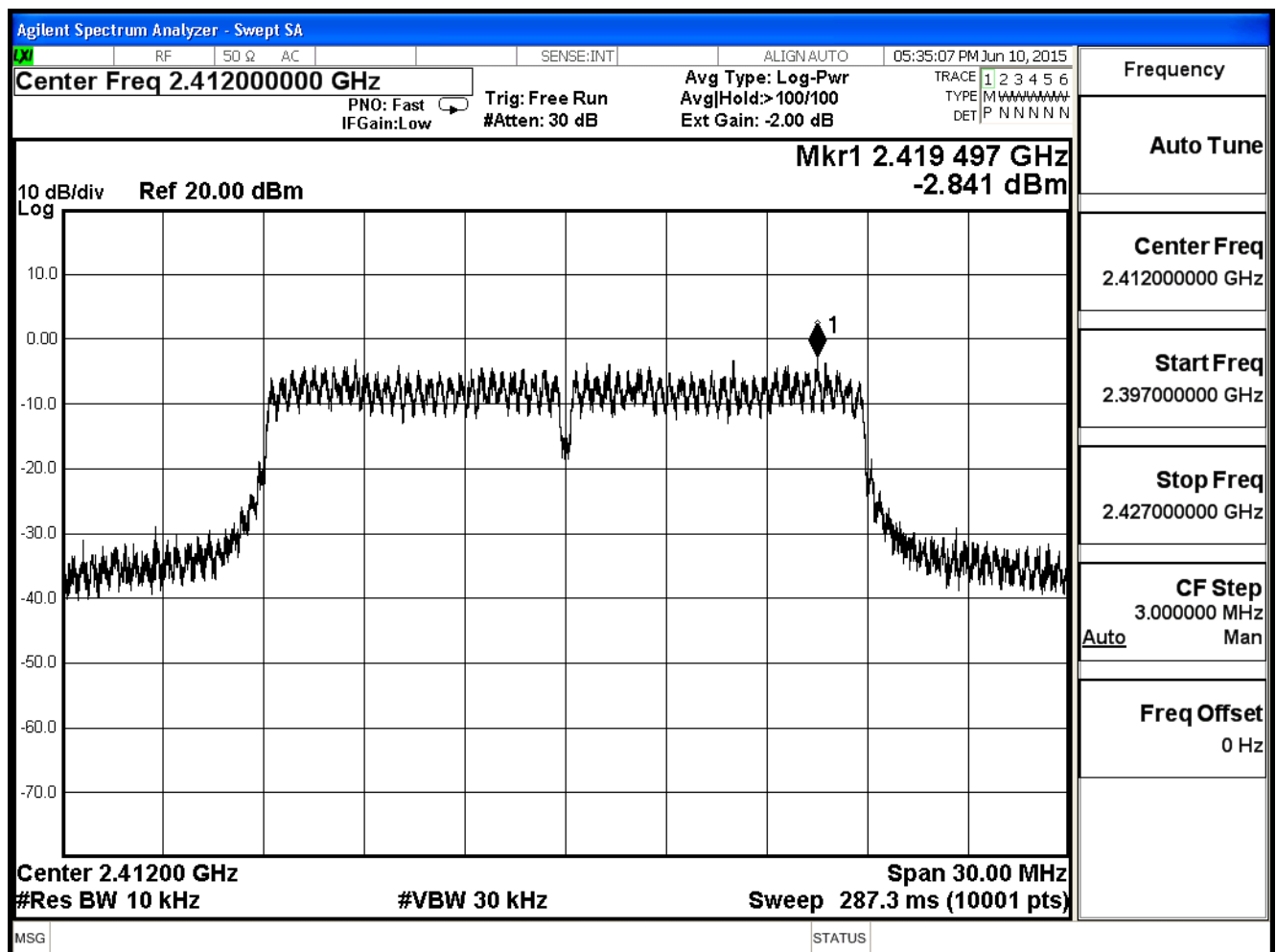
Sweep 287.3 ms (10001 pts)

MSG STATUS

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-2.841	≤ 8	Pass
6	2437	0.439	≤ 8	Pass
11	2462	-8.304	≤ 8	Pass

Channel 1 (2412MHz)



Agilent Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 05:36:49 PM Jun 10, 2015

Center Freq 2.437000000 GHz

PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB

Avg Type: Log-Pwr Avg|Hold:>100/100 Ext Gain: -2.00 dB

TRACE 1 2 3 4 5 6 TYPE M M M M M M M M DET P N N N N N N

Frequency

Auto Tune

Center Freq 2.437000000 GHz

Start Freq 2.422000000 GHz

Stop Freq 2.452000000 GHz

CF Step 3.000000 MHz Man

Auto

Freq Offset 0 Hz

10 dB/div Ref 20.00 dBm

Mkr1 2.441 995 GHz 0.439 dBm

1

Center 2.43700 GHz #Res BW 10 kHz #VBW 30 kHz Span 30.00 MHz Sweep 287.3 ms (10001 pts)

MSG STATUS

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.46200000 GHz

PNO: Fast
IFGain:Low

Trig: Free Run
#Atten: 30 dB

Avg Type: Log-Pwr
Avg|Hold:>100/100
Ext Gain: -2.00 dB

05:39:02 PM Jun 10, 2015

TRACE 1 2 3 4 5 6
TYPE M M M M M M M M
DET P N N N N N N

Frequency

Auto Tune

Center Freq
2.46200000 GHz

Start Freq
2.447000000 GHz

Stop Freq
2.477000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

10 dB/div
Log

Ref 20.00 dBm

Mkr1 2.455 751 GHz
-8.304 dBm

The spectrum analyzer display shows a swept signal. The vertical axis represents power in dBm, ranging from -70.0 to 10.0, with a 10 dB/div scale. The horizontal axis represents frequency in GHz, ranging from 2.447 to 2.477. A signal is visible, rising from a noise floor of approximately -50 dBm to a peak level of about -10 dBm. A marker is placed at the peak, labeled 'Mkr1 2.455 751 GHz -8.304 dBm'. The signal has a bandwidth of 30 MHz and a resolution bandwidth of 10 kHz. The sweep time is 287.3 ms.

Center 2.46200 GHz
#Res BW 10 kHz

#VBW 30 kHz

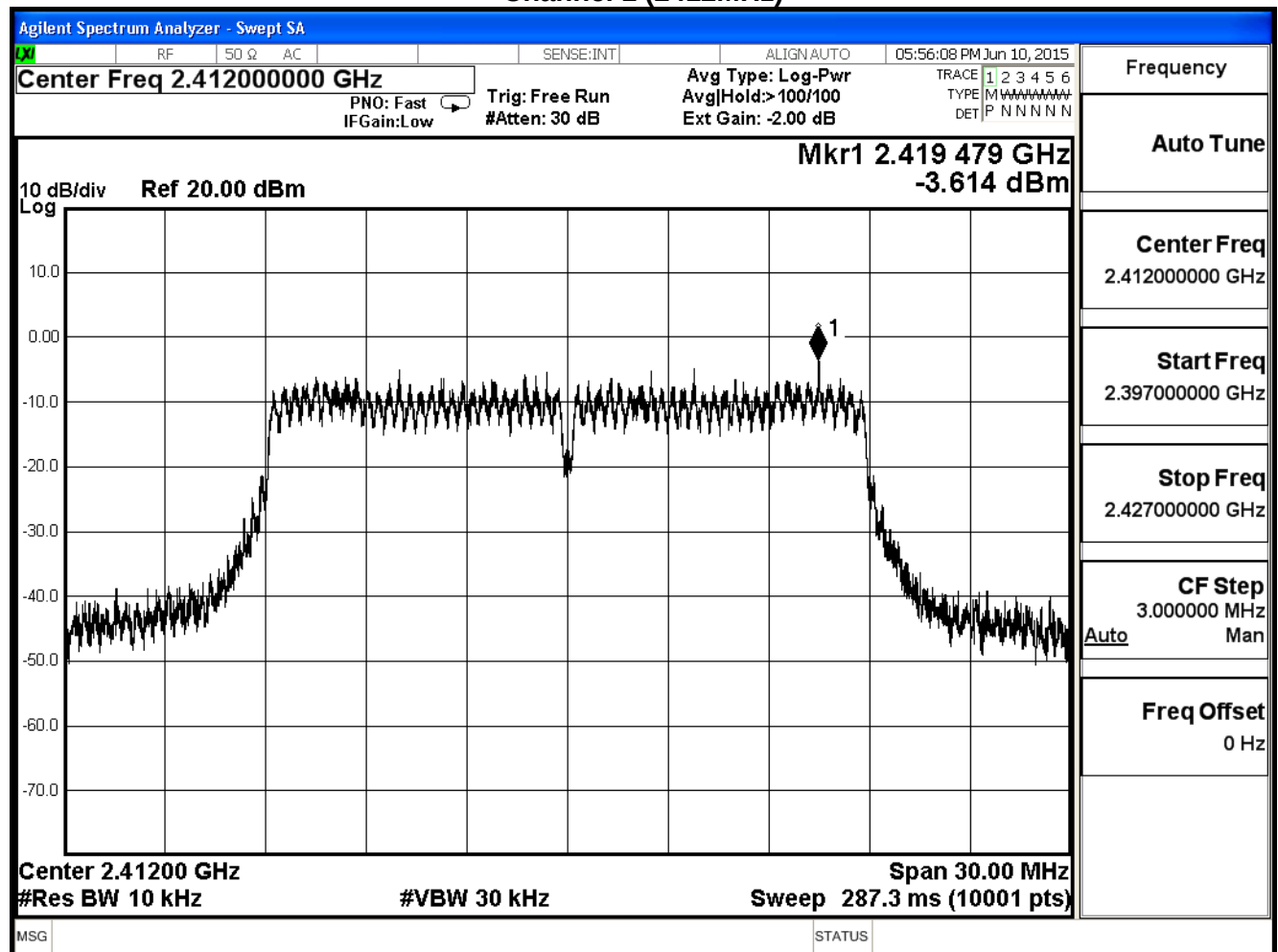
Span 30.00 MHz
Sweep 287.3 ms (10001 pts)

MSG STATUS

Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), ANT 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-3.614	≤ 8	Pass
6	2437	1.767	≤ 8	Pass
11	2462	-6.949	≤ 8	Pass

Channel 1 (2412MHz)



Agilent Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 05:54:43 PM Jun 10, 2015

Center Freq 2.437000000 GHz Avg Type: Log-Pwr PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB Avg|Hold:>100/100 Ext Gain: -2.00 dB TRACE 1 2 3 4 5 6 TYPE M N N N N N N DET P N N N N N N

10 dB/div Ref 20.00 dBm Mkr1 2.444 479 GHz 1.767 dBm

Log

Center 2.43700 GHz #Res BW 10 kHz #VBW 30 kHz Span 30.00 MHz Sweep 287.3 ms (10001 pts)

MSG STATUS

Frequency

Auto Tune

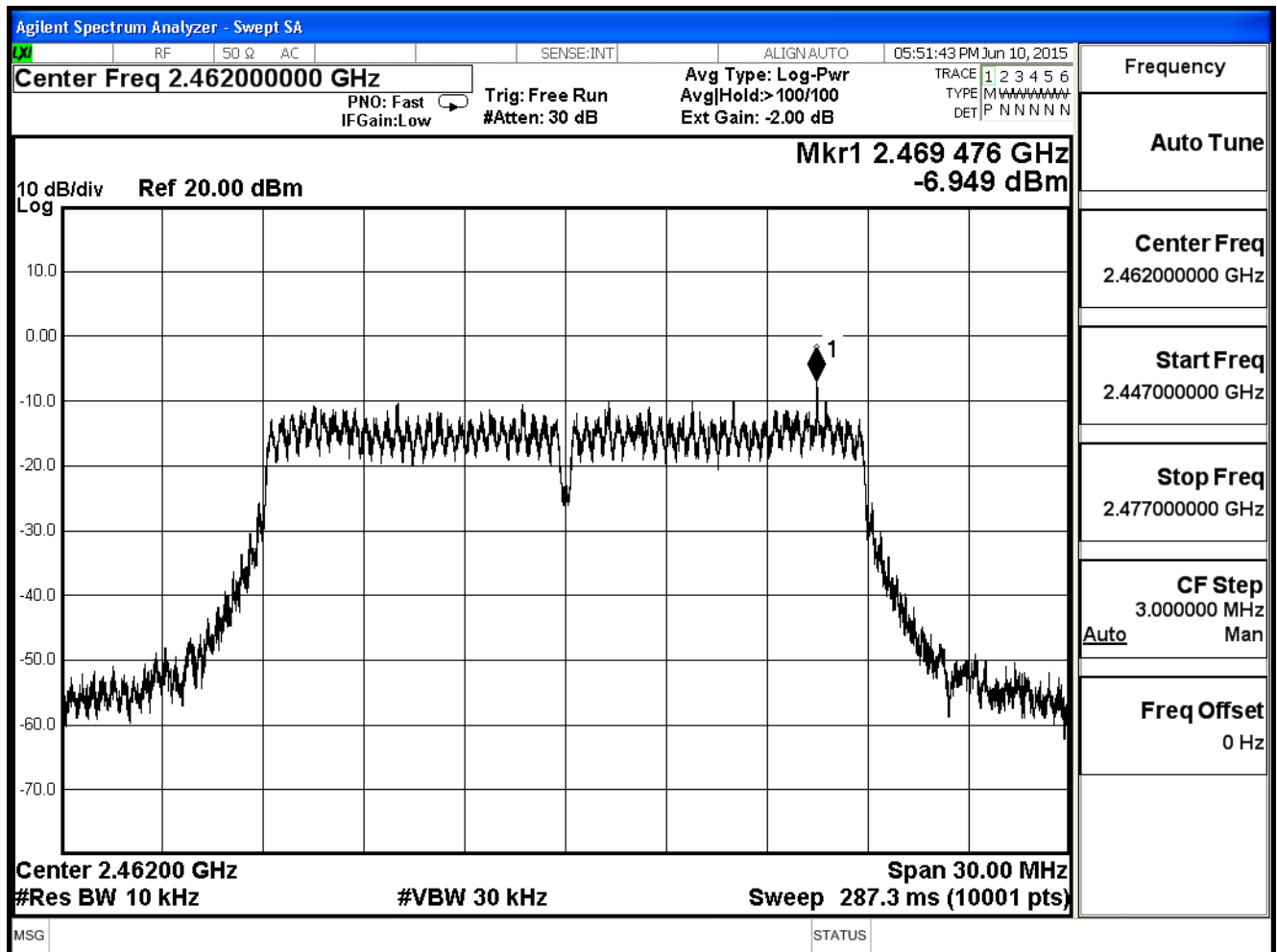
Center Freq 2.437000000 GHz

Start Freq 2.422000000 GHz

Stop Freq 2.452000000 GHz

CF Step 3.000000 MHz Man Auto

Freq Offset 0 Hz



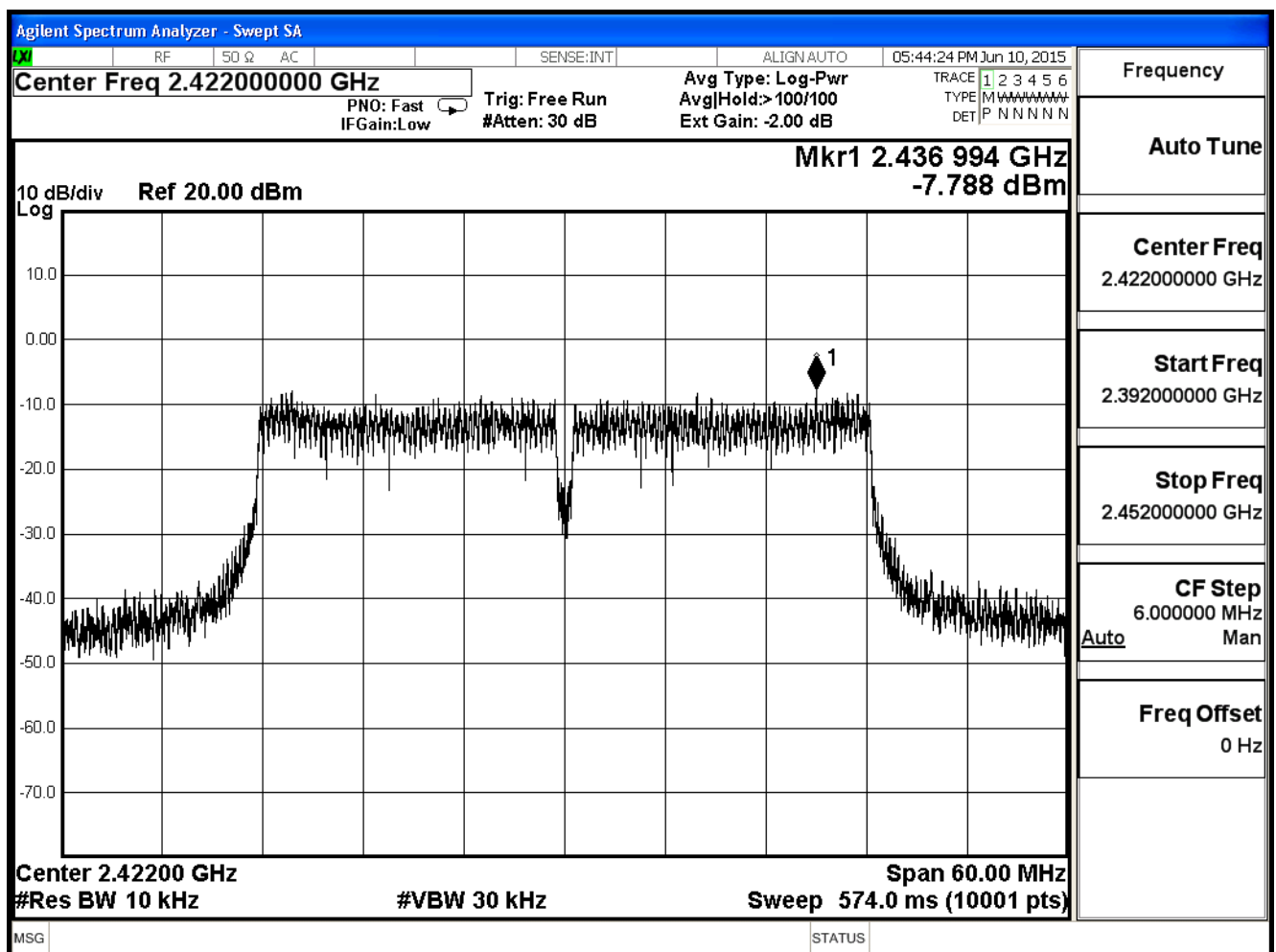
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (20MHz), Ant 0+1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-0.200	≤ 8	Pass
6	2437	4.164	≤ 8	Pass
11	2462	-4.564	≤ 8	Pass

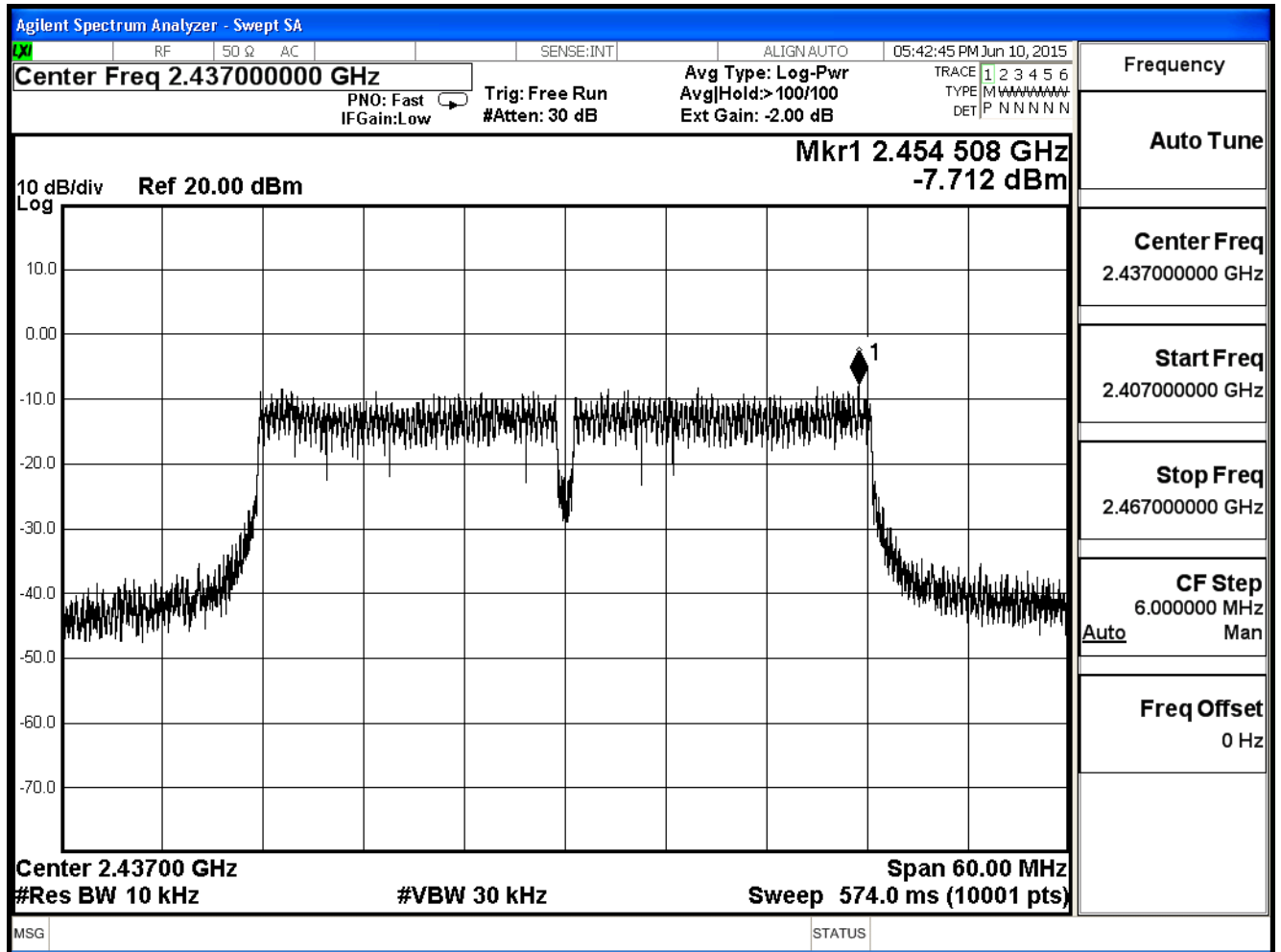
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-7.788	≤ 8	Pass
6	2437	-7.712	≤ 8	Pass
9	2452	-12.006	≤ 8	Pass

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Agilent Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 05:40:58 PM Jun 10, 2015

Span 60.000000 MHz

PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr Avg|Hold:>100/100 Ext Gain: -2.00 dB

TRACE 1 2 3 4 5 6 TYPE M N N N N N N DET P N N N N N

10 dB/div Log Ref 20.00 dBm

Mkr1 2.435 752 GHz -12.006 dBm

Center 2.45200 GHz #Res BW 10 kHz #VBW 30 kHz Span 60.00 MHz Sweep 574.0 ms (10001 pts)

MSG STATUS

Span

Span 60.000000 MHz

Full Span

Zero Span

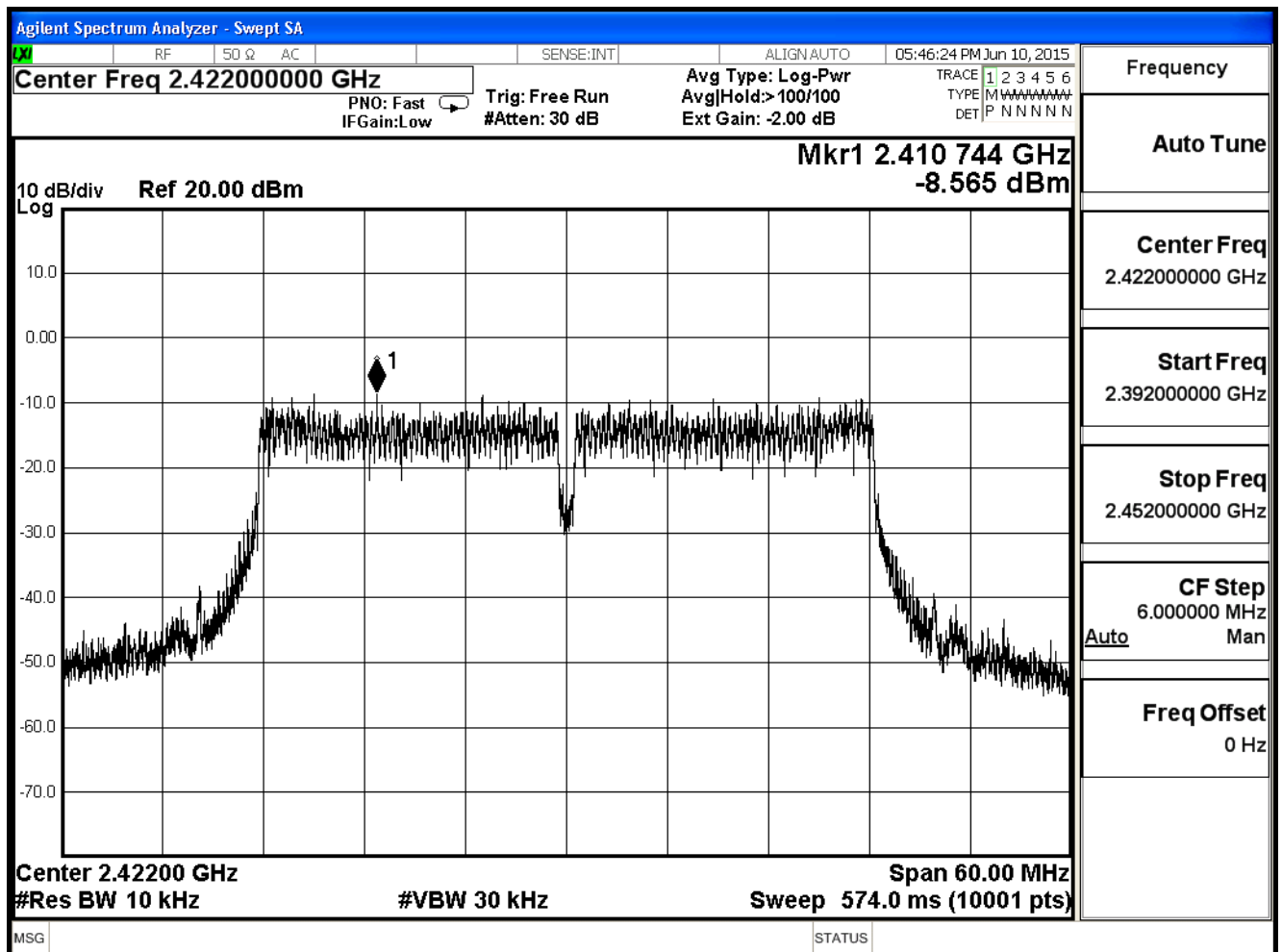
Last Span

Signal Track (Span Zoom) On Off

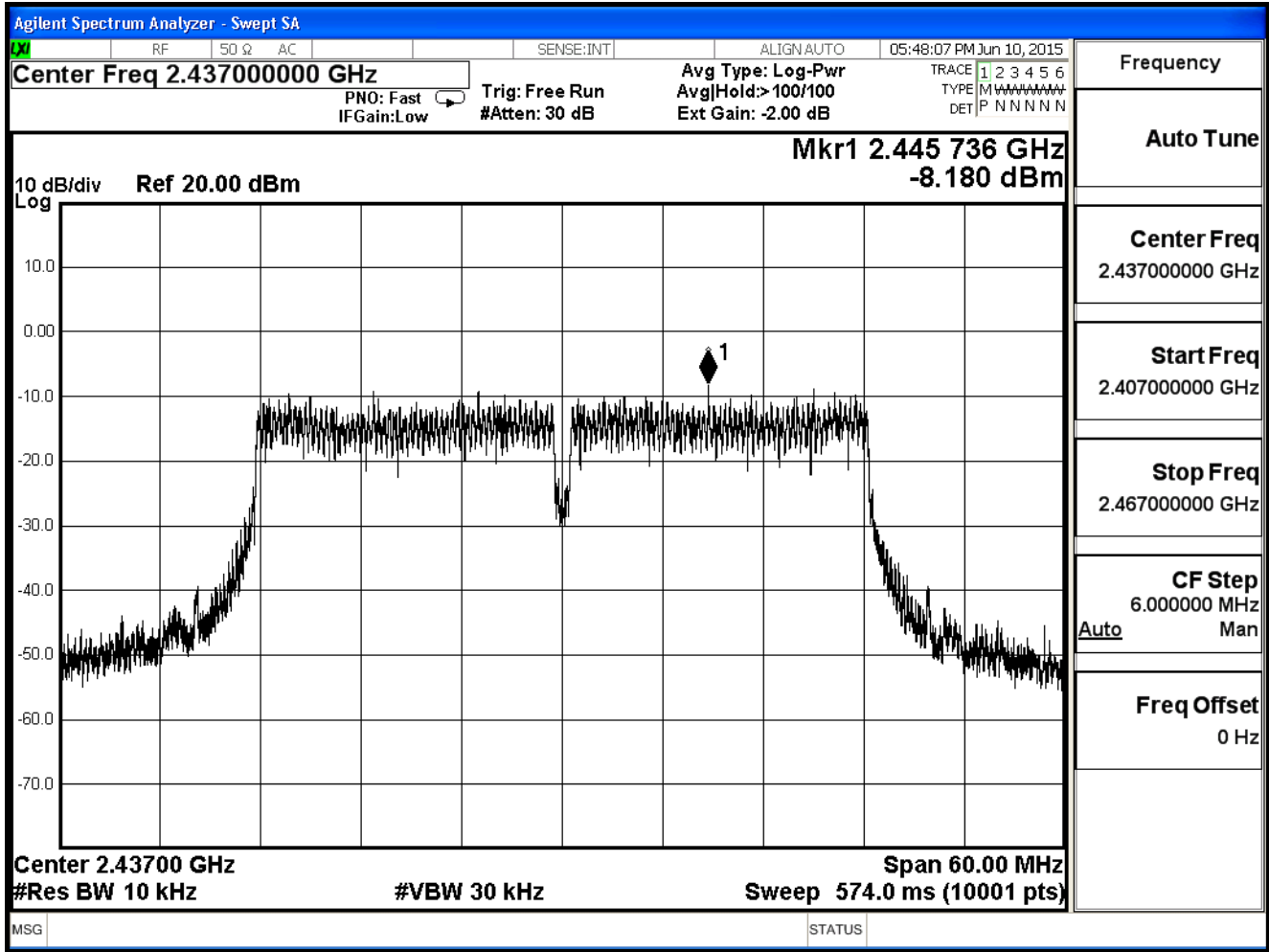
Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), ANT 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-8.565	≤ 8	Pass
6	2437	-8.180	≤ 8	Pass
9	2452	-12.511	≤ 8	Pass

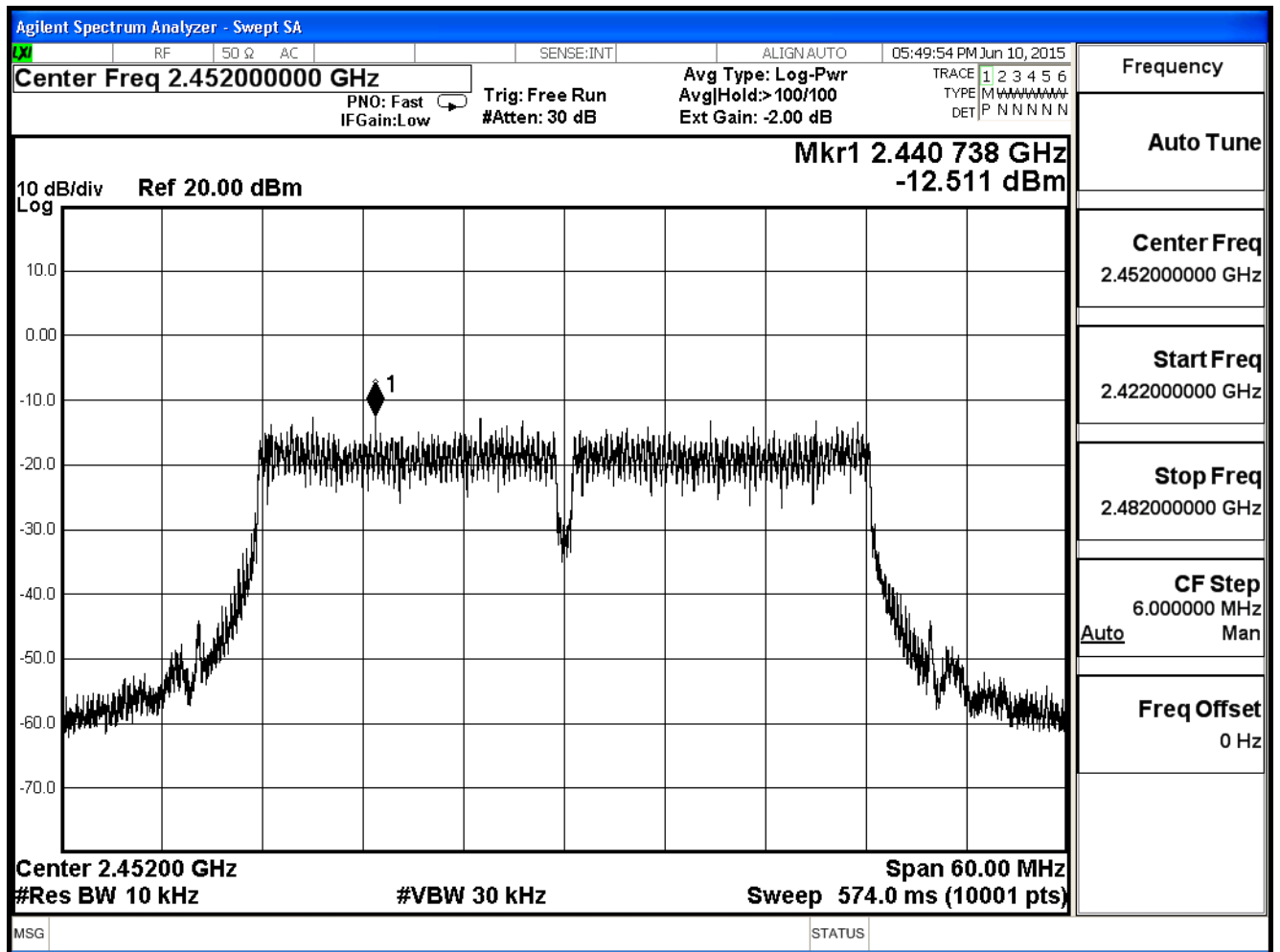
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



Product	H.264/MJPEG 11n Wireless Network Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/06/10	Test Site	SR7

IEEE 802.11n (40MHz), Ant 0+1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-5.149	≤ 8	Pass
6	2437	-4.929	≤ 8	Pass
9	2452	-9.241	≤ 8	Pass