

FCC Test Report

Product Name : HD 180 Degree Wi-Fi Camera

Trade Name : D-Link

Model No. : DCS-8100LH

FCC ID. : KA2CS8100LHA1

Applicant : D-Link Corporation

Address : No.289, Sinhu 3rd Rd., Neihu District, Taipei

City 114, Taiwan, R.O.C.

Tested : Feb. 07, 2017 ~ May 19, 2017

Issued Date : May 22, 2017

Report No. : 1740183R-RFUSP26V00

Report Version : V1.0



The test results relate only to the samples tested.

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Test Report Certification

Issued Date : May 22, 2017

Report No. : 1740183R-RFUSP26V00



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Applicant : D-Link Corporation

Address : No.289, Sinhu 3rd Rd., Neihu District, Taipei City 114,
Taiwan, R.O.C.

Model No. : DCS-8100LH

FCC ID. : KA2CS8100LHA1

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

Testing Voltage : AC 120V/ 60Hz

Trade Name : D-Link

Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2015
ANSI C63.10: 2013

Test Lab : Hsin Chu Laboratory

Test Result : Complied

The test results relate only to the samples tested.

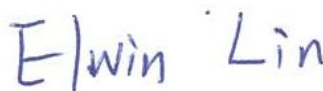
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Revision History

Report No.	Version	Description	Issued Date
1740183R-RFUSP26V00	V1.0	Initial issue of report	May 22, 2017

Laboratory Information

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

Taiwan R.O.C.	:	TAF, Accreditation Number: 3024
USA	:	FCC, Registration Number: 834100
Canada	:	IC, Submission No: 181665
		IC Registration Number: 22397-1 / 22397-2 / 22397-3

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:

<http://www.dekra.com.tw/english/about/certificates.aspx?bval=5>

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site : http://www.dekra.com.tw/index_en.aspx

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1. General Information

1.1. EUT Description

Product Name	HD 180 Degree Wi-Fi Camera	
Product Type	WLAN (1TX, 1RX)	
Trade Name	D-Link	
Model No.	DCS-8100LH	
Frequency Range/ Channel Number	IEEE 802.11b/g IEEE 802.11n (20MHz)	2412~2462MHz / 11 Channels
Type of Modulation	IEEE 802.11b	Direct Sequence Spread Spectrum
	IEEE 802.11g/n	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11b	1, 2, 5.5, 11Mbps
	IEEE 802.11g	6, 9, 12, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 7 and bandwidth defined in 802.11n

Antenna Information	
Antenna MFR./ Model	Advanced Ceramic X Corporation, AT3216-A2R4PAA
Antenna Type	Chip Antenna
Antenna Gain	1.5dBi

Accessories Information	
Power Adapter	D-Link, WB-10E05R I/P: 100-240V~, 50-60Hz, 0.4A Max. O/P: 5V $\pm$ 2A Cable Out: Non-Shielded, 1.5m

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

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		

Note:

1. This device is a HD 180 Degree Wi-Fi Camera including 2.4GHz b/g/n (1X1) and BT4.0 transmitting and receiving function.
2. Regards to the frequency band operation; the lowest 、 middle and highest frequency of channel were selected to perform the test, and then shown on this report.
3. The function of the BT transmitting is measured and makes a test report of the number: 1740183R-RFUSP01V00-A.
4. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 1740183R-RFUSP01V00.
5. The Wall mount Mode,only show the worst case on the report .

1.2. Test Mode

DEKRA 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 (Stand) Mode 2: Transmit (Wall mount)
----	---

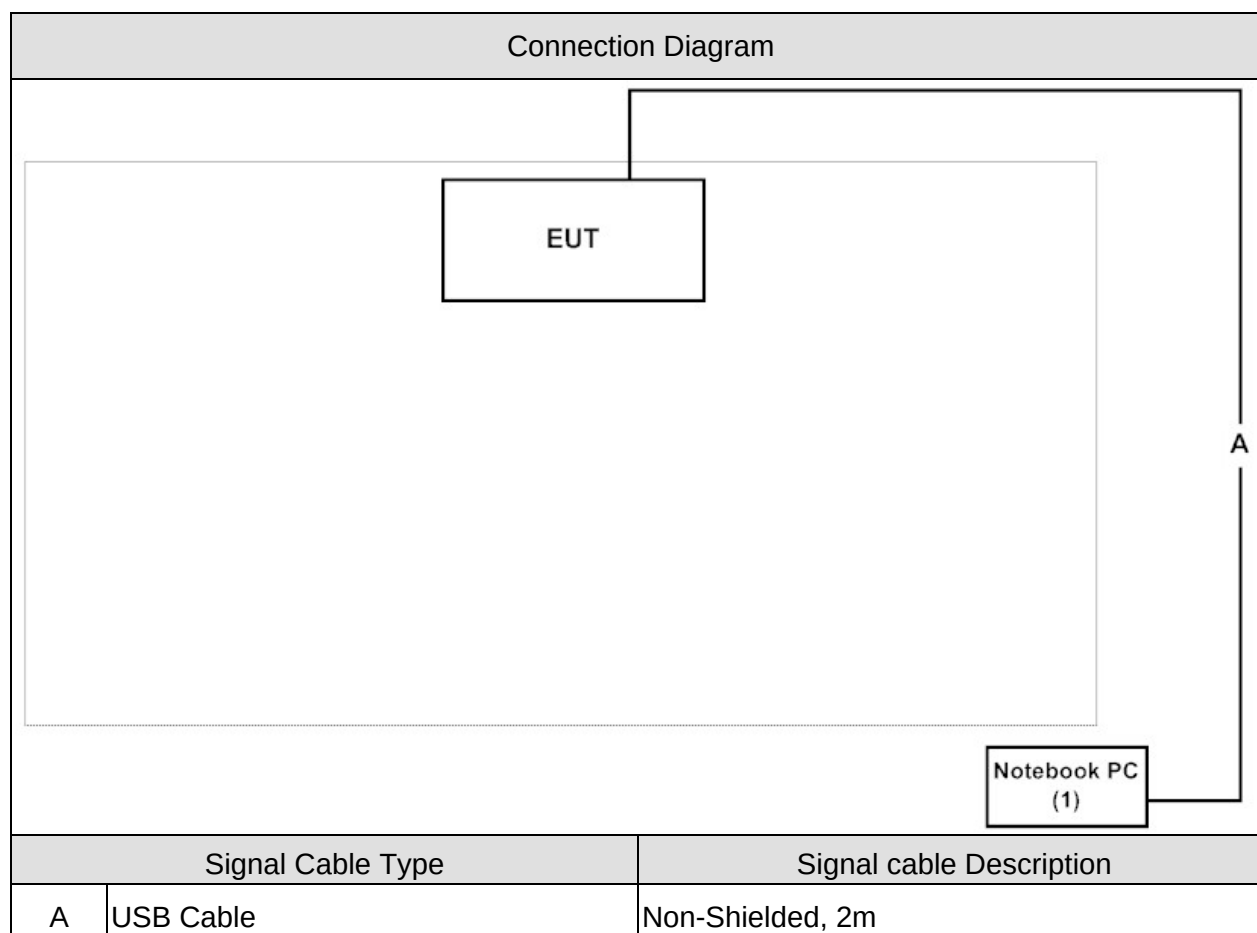
Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11n(20MHz)	6	0	Complies
Peak Power Output	11b/g	1/ 6/ 11	0	Complies
	11n(20MHz)	1/ 6/ 11	0	Complies
Radiated Emission	11b/g	1/ 6/ 11	0	Complies
	11n(20MHz)	1/ 6/ 11	0	Complies
RF antenna conducted test	11b/g	1/ 6/ 11	0	Complies
	11n(20MHz)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

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the test command on the Tera Term
3	Configure the test mode, the test channel, and the data rate.
4	Press "Start TX" to start the continuous transmitting.
5	Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

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

2. Conducted Emission

2.1. Test Equipment

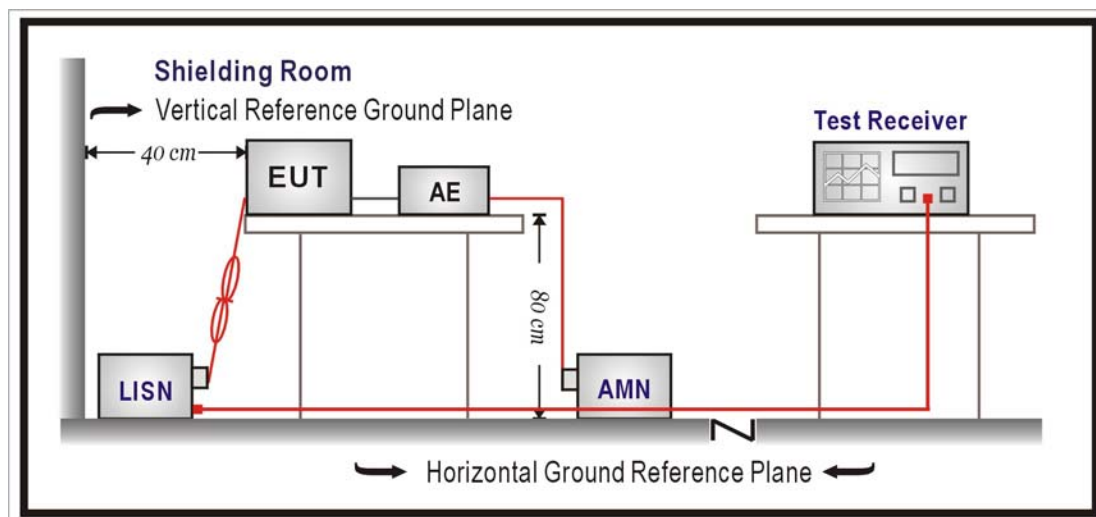
The following test equipments are used during the test:

Conducted Emission / SR2-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	2018/02/05
LISN	R&S	ENV216	100092	2017/08/16
Test Receiver	R&S	ESCS 30	836858/022	2018/01/14

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

2.2. Test Setup



2.3. Limits

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

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

2.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

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

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

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

2.5. Test Specification

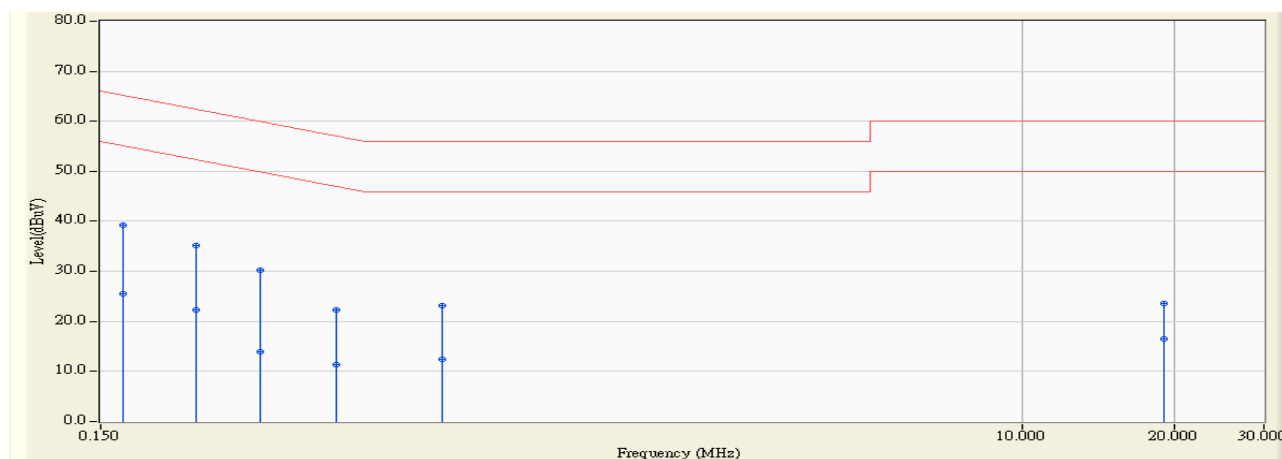
According to FCC Part 15 Subpart C Paragraph 15.207: 2015

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2-H	Time : 2017/04/26
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-H_LISN(16A)-6_0712 - Line1	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

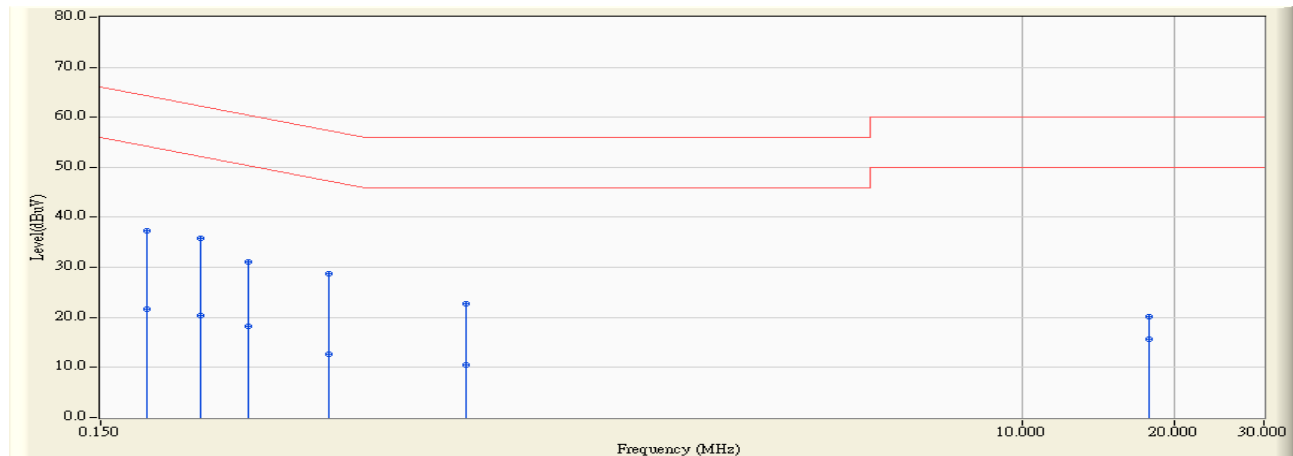


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.753	29.424	39.177	-26.373	65.550	QUASIPeAK
2		0.166	9.753	15.650	25.403	-30.147	55.550	AVERAGE
3		0.232	9.747	25.453	35.200	-28.461	63.661	QUASIPeAK
4		0.232	9.747	12.461	22.208	-31.453	53.661	AVERAGE
5		0.310	9.739	20.419	30.158	-31.271	61.429	QUASIPeAK
6		0.310	9.739	4.272	14.011	-37.418	51.429	AVERAGE
7		0.439	9.729	12.649	22.378	-35.368	57.746	QUASIPeAK
8		0.439	9.729	1.350	11.079	-36.667	47.746	AVERAGE
9		0.709	9.767	13.303	23.070	-32.930	56.000	QUASIPeAK
10		0.709	9.767	2.560	12.327	-33.673	46.000	AVERAGE
11		19.072	10.317	13.357	23.674	-36.326	60.000	QUASIPeAK
12		19.072	10.317	6.292	16.609	-33.391	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-H	Time : 2017/04/26
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-H_LISN(16A)-6_0712 - Line2	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.185	9.751	27.506	37.257	-27.745	65.002	QUASIPeAK
2		0.185	9.751	11.943	21.694	-33.308	55.002	AVERAGE
3	*	0.236	9.750	26.048	35.798	-27.745	63.543	QUASIPeAK
4		0.236	9.750	10.711	20.461	-33.082	53.543	AVERAGE
5		0.294	9.750	21.250	31.000	-30.875	61.875	QUASIPeAK
6		0.294	9.750	8.546	18.296	-33.579	51.875	AVERAGE
7		0.423	9.749	18.891	28.640	-29.553	58.193	QUASIPeAK
8		0.423	9.749	2.828	12.577	-35.616	48.193	AVERAGE
9		0.795	9.789	13.015	22.804	-33.196	56.000	QUASIPeAK
10		0.794	9.789	0.691	10.480	-35.520	46.000	AVERAGE
11		17.767	10.415	9.810	20.225	-39.775	60.000	QUASIPeAK
12		17.767	10.415	5.151	15.566	-34.434	50.000	AVERAGE

Note:

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

3. Peak Power Output

3.1. Test Equipment

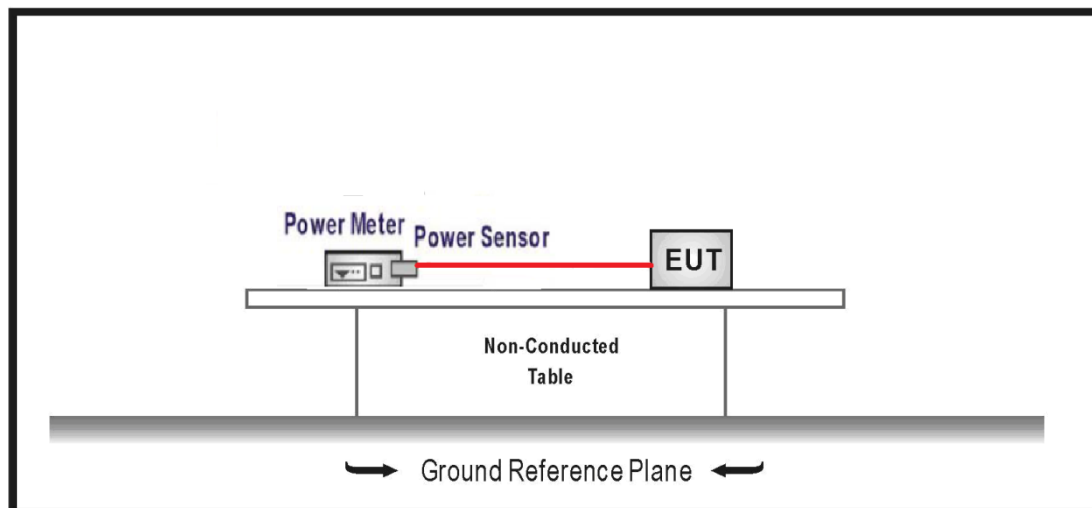
The following test equipments are used during the test:

Peak Power Output / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2018/01/19
Pulse Power Sensor	Anritsu	MA2411B	1531043	2018/01/19
Pulse Power Sensor	Anritsu	MA2411B	1531044	2018/01/19

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

3.2. Test Setup



3.3. Test procedures

The EUT was tested according to DTS test procedure section 9.1.2 of KDB558074 v03r05 measurement to FCC 47CFR 15.247 requirements.

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	HD 180 Degree Wi-Fi Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

IEEE 802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	18.95	≤ 30
6	2437	17.55	≤ 30
11	2462	17.38	≤ 30

The worst emission of data rate is 1 Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	18.95	--	--	--	$\leq 30\text{dB}$
6	2437	17.55	17.53	17.50	17.48	
11	2462	17.38	--	--	--	

Product	HD 180 Degree Wi-Fi Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

IEEE 802.11g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	15.85	≤ 30
6	2437	15.96	≤ 30
11	2462	15.82	≤ 30

The worst emission of data rate is 6 Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		6	12	18	24	
1	2412	15.85	--	--	--	$\leq 30\text{dB}$
6	2437	15.96	15.92	15.88	15.84	
11	2462	15.82	--	--	--	

Product	HD 180 Degree Wi-Fi Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

IEEE 802.11n20 (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	14.72	≤ 30
6	2437	14.89	≤ 30
11	2462	14.76	≤ 30

The worst emission of data rate is 6.5 Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	14.72	--	--	--	--	--	--		≤ 30dB
6	2437	14.89	14.80	14.74	14.68	14.60	14.55	14.51	14.44	
11	2462	14.76	--	--	--	--	--	--		

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

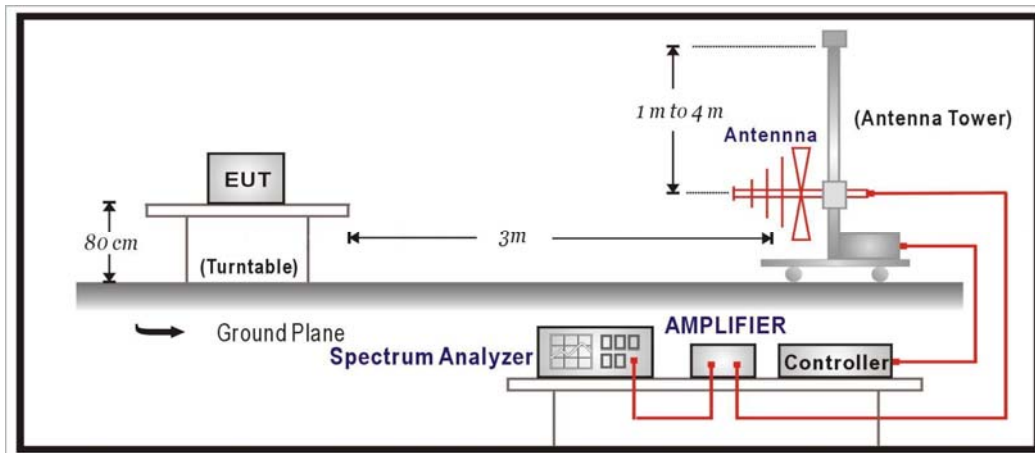
Radiated Emission / CB4-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	Schaffner	CBL6112B	2891	2017/08/14
Horn Antenna	Schwarzbeck	BBHA 9120	D312	2017/10/25
Pre-Amplifier	EMCI	EMC0031835	980233	2018/02/02
Pre-Amplifier	Schwarzbeck	DBL-1840N506	013	2017/09/29
Pre-Amplifier	Miteq	JS41-001040000-58-5P	1573954	2017/10/04
Horn Antenna	Schwarzbeck	BBHA 9170	203	2017/08/28
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/22
Spectrum Analyzer	Agilent	E4440A	MY46187335	2017/12/21

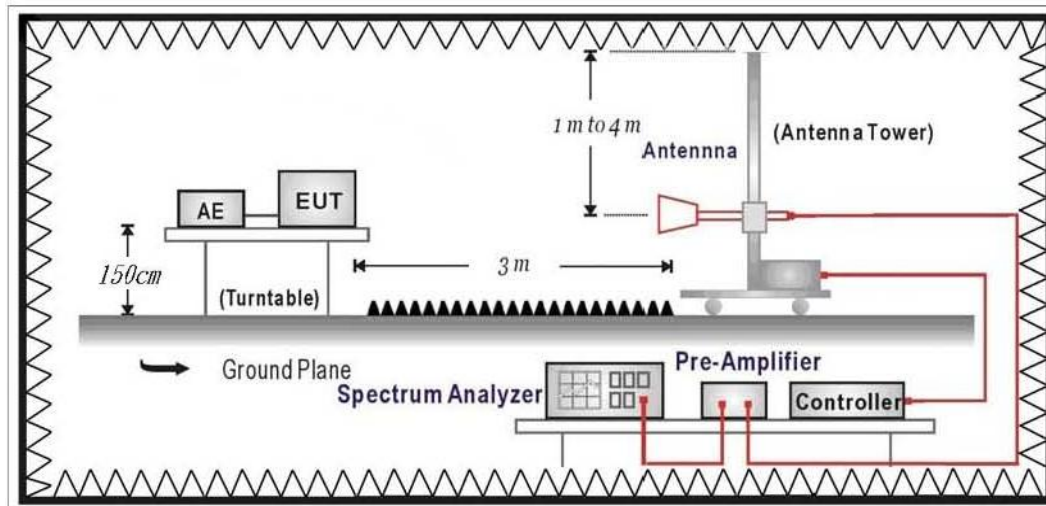
Note: All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

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

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

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

4.4. Test Procedure

The EUT was setup according to ANSI C63.10:2013 and tested according to DTS test procedure of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements. The EUT and its simulators are placed on a turn table which is 0.8 meter above ground (under 1GHz) or 1.5 meter above ground (above 1GHz). The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

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

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

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

4.6. Uncertainty

The measurement uncertainty

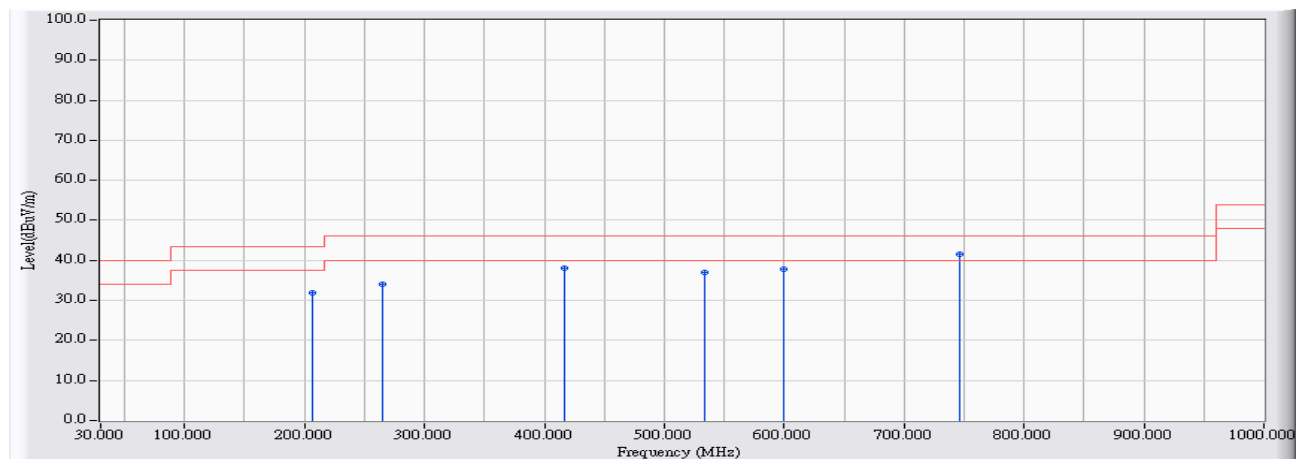
30MHz~1GHz as $\pm 3.43\text{dB}$

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

4.7. Test Result

30MHz-1GHz Spurious

Site : CB4-H	Time : 2017/03/01
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

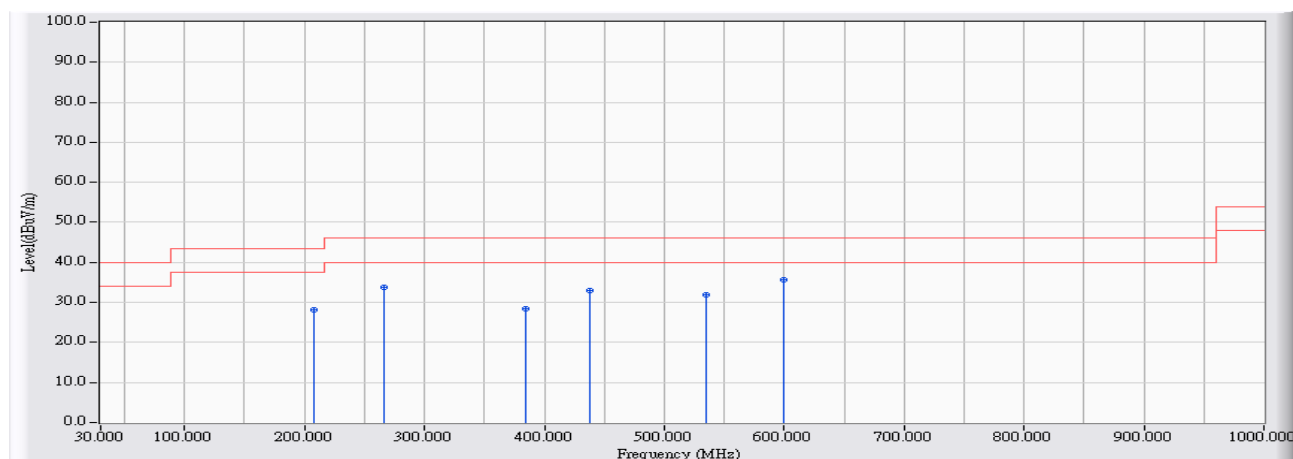


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		206.950	-22.814	54.641	31.827	-11.673	43.500	QUASIPeAK
2		264.800	-20.292	54.232	33.940	-12.060	46.000	QUASIPeAK
3		416.550	-16.044	54.215	38.170	-7.830	46.000	QUASIPeAK
4		533.300	-14.162	51.029	36.867	-9.133	46.000	QUASIPeAK
5		600.050	-13.129	51.025	37.896	-8.104	46.000	QUASIPeAK
6	*	746.900	-11.673	53.207	41.534	-4.466	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 : CB4-H	Time : 2017/03/01
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

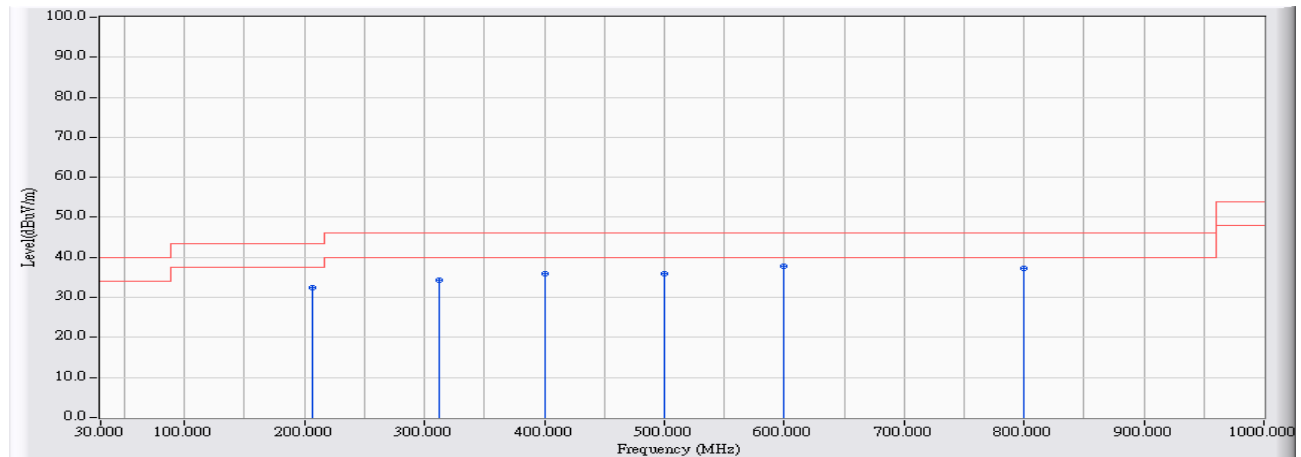


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		207.800	-22.749	50.939	28.190	-15.310	43.500	QUASIPeAK
2		266.600	-20.250	53.920	33.670	-12.330	46.000	QUASIPeAK
3		384.350	-16.744	45.233	28.488	-17.512	46.000	QUASIPeAK
4		438.250	-15.573	48.511	32.938	-13.062	46.000	QUASIPeAK
5		534.900	-14.080	46.102	32.022	-13.978	46.000	QUASIPeAK
6	*	599.900	-13.137	48.887	35.750	-10.250	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 : CB4-H	Time : 2017/03/01
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

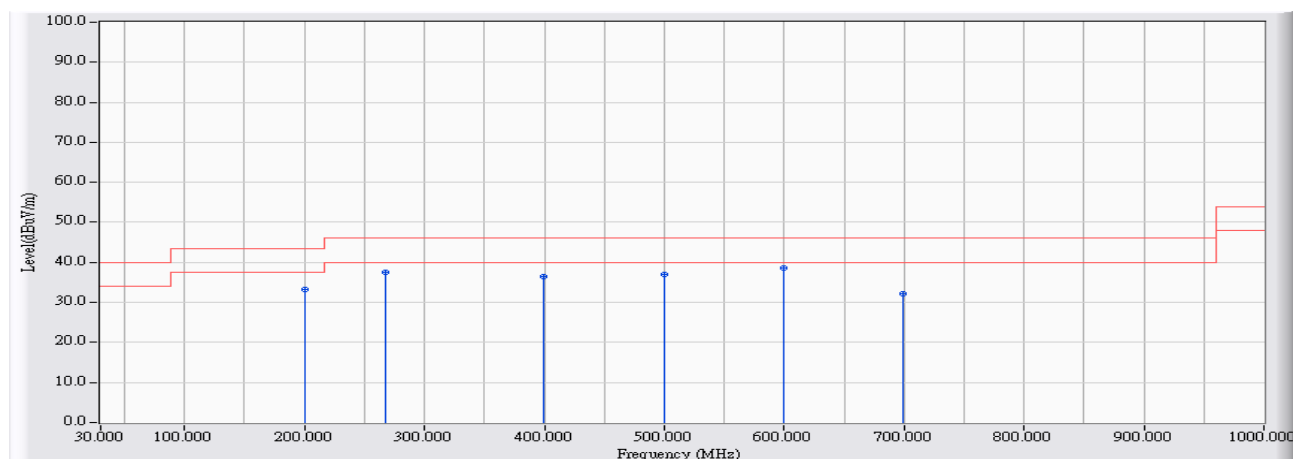


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		207.000	-22.810	55.192	32.382	-11.118	43.500	QUASIPeAK
2		312.300	-19.375	53.648	34.273	-11.727	46.000	QUASIPeAK
3		400.000	-16.015	51.840	35.825	-10.175	46.000	QUASIPeAK
4		499.900	-14.422	50.329	35.907	-10.093	46.000	QUASIPeAK
5	*	600.000	-13.132	50.999	37.867	-8.133	46.000	QUASIPeAK
6		799.750	-10.960	48.093	37.133	-8.867	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 : CB4-H	Time : 2017/03/01
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

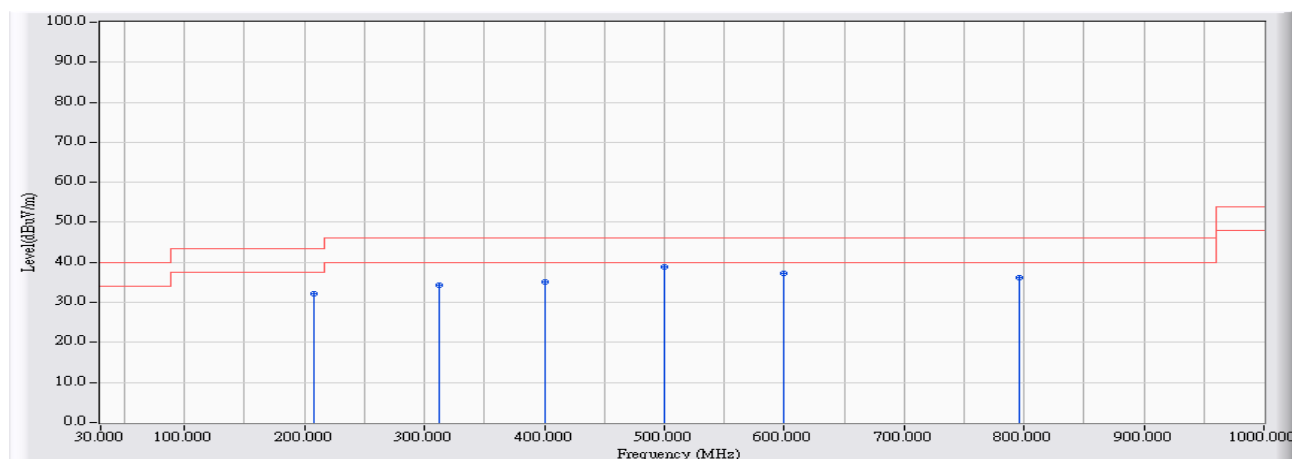


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		200.000	-23.332	56.687	33.355	-10.145	43.500	QUASIPeAK
2		267.700	-20.224	57.836	37.612	-8.388	46.000	QUASIPeAK
3		399.950	-16.017	52.492	36.475	-9.525	46.000	QUASIPeAK
4		500.000	-14.420	51.396	36.977	-9.023	46.000	QUASIPeAK
5	*	600.000	-13.132	51.853	38.721	-7.279	46.000	QUASIPeAK
6		699.350	-12.582	44.640	32.058	-13.942	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 : CB4-H	Time : 2017/03/01
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

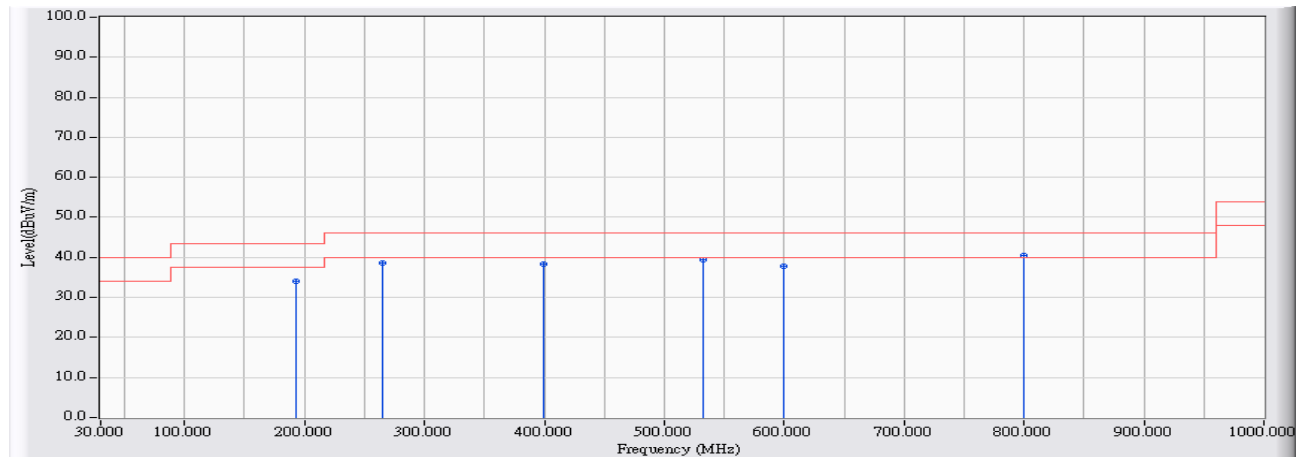


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		207.250	-22.791	54.929	32.138	-11.362	43.500	QUASIPeAK
2		312.350	-19.373	53.778	34.405	-11.595	46.000	QUASIPeAK
3		400.000	-16.015	51.050	35.035	-10.965	46.000	QUASIPeAK
4	*	500.450	-14.407	53.195	38.789	-7.211	46.000	QUASIPeAK
5		599.950	-13.134	50.333	37.198	-8.802	46.000	QUASIPeAK
6		796.550	-10.772	46.881	36.108	-9.892	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 : CB4-H	Time : 2017/03/01
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

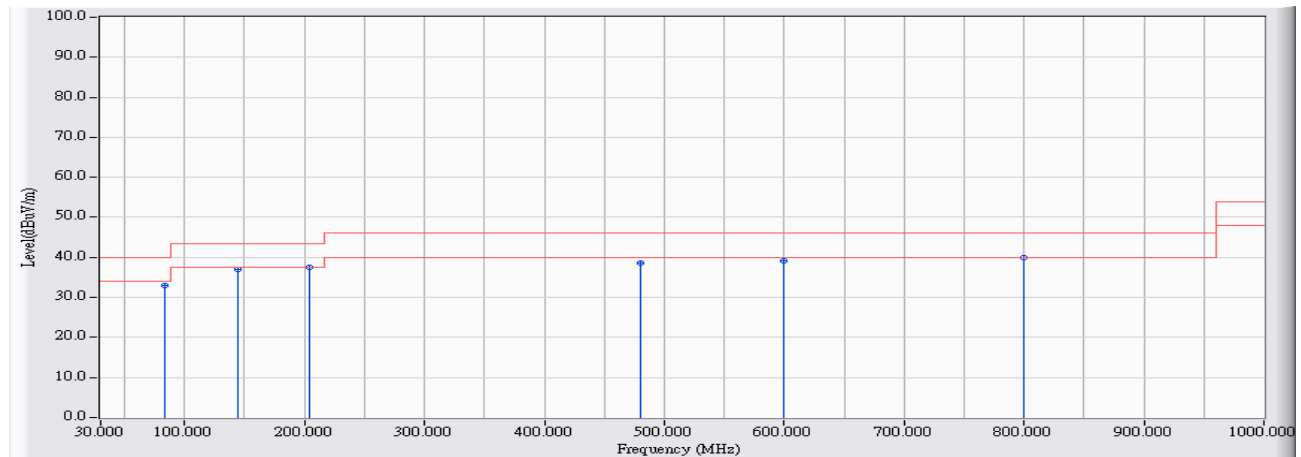


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		192.550	-23.592	57.639	34.046	-9.454	43.500	QUASIPeAK
2		264.700	-20.294	58.805	38.511	-7.489	46.000	QUASIPeAK
3		399.900	-16.019	54.396	38.377	-7.623	46.000	QUASIPeAK
4		532.400	-14.208	53.591	39.383	-6.617	46.000	QUASIPeAK
5		599.750	-13.146	50.826	37.680	-8.320	46.000	QUASIPeAK
6	*	800.150	-10.983	51.390	40.408	-5.592	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 : CB4-H	Time : 2017/05/19
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 2: Transmit (Wall mount) 802.11b_2437MHz

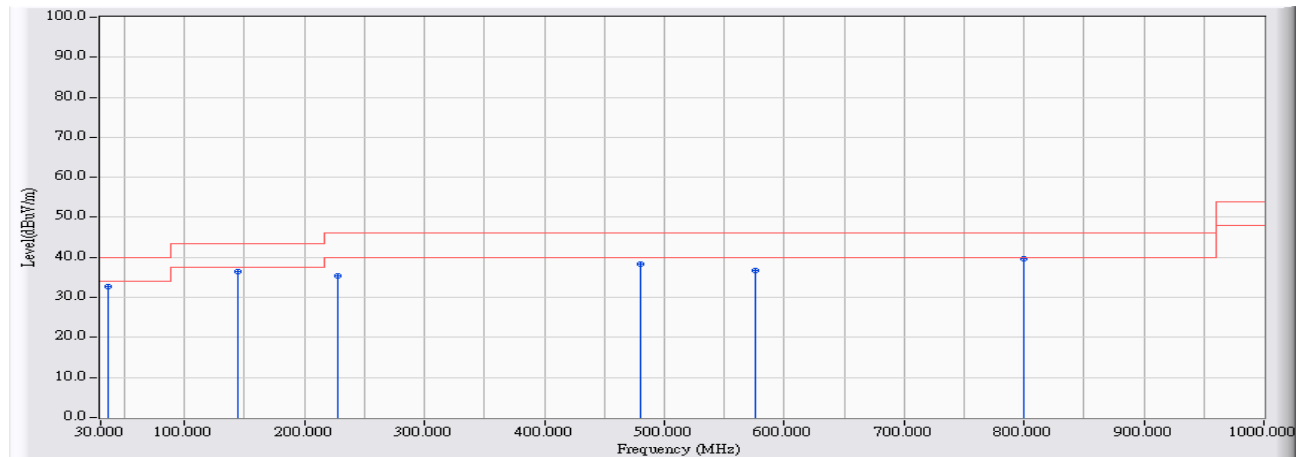


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	83.835	-26.449	59.520	33.071	-6.929	40.000	QUASIPeAK
2	143.975	-21.836	58.827	36.991	-6.509	43.500	QUASIPeAK
3	* 203.630	-22.958	60.372	37.413	-6.087	43.500	QUASIPeAK
4	480.080	-14.513	53.205	38.692	-7.308	46.000	QUASIPeAK
5	599.875	-12.694	51.895	39.201	-6.799	46.000	QUASIPeAK
6	799.695	-10.451	50.269	39.818	-6.182	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 : CB4-H	Time : 2017/05/19
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 2: Transmit (Wall mount) 802.11b_2437MHz



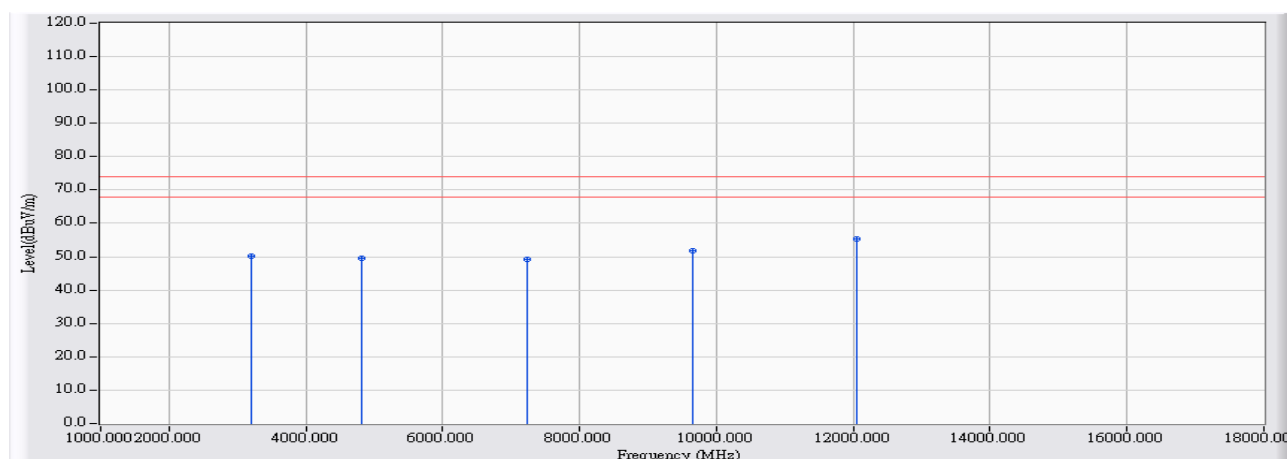
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		35.820	-16.715	49.520	32.804	-7.196	40.000	QUASIPeAK
2		143.975	-21.836	58.228	36.392	-7.108	43.500	QUASIPeAK
3		227.880	-21.541	56.813	35.271	-10.729	46.000	QUASIPeAK
4		480.080	-14.513	52.818	38.305	-7.695	46.000	QUASIPeAK
5		576.110	-13.197	49.860	36.663	-9.337	46.000	QUASIPeAK
6	*	799.695	-10.451	50.209	39.758	-6.242	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2412MHz

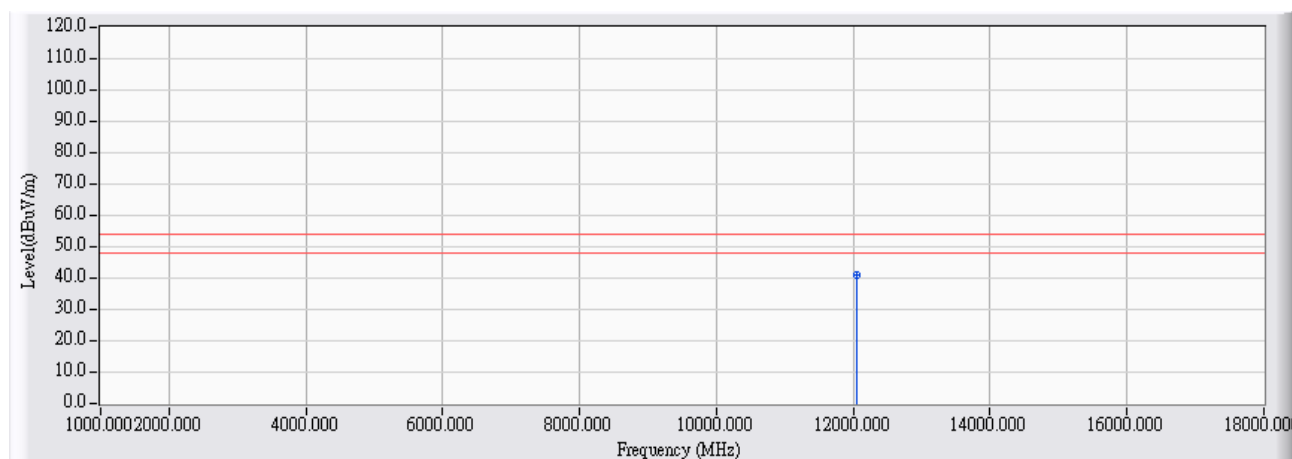


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3204.000	1.695	48.390	50.085	-23.915	74.000	PEAK
2		4824.000	7.060	42.390	49.450	-24.550	74.000	PEAK
3		7233.000	15.261	34.110	49.372	-24.628	74.000	PEAK
4		9648.000	21.231	30.510	51.742	-22.258	74.000	PEAK
5	*	12040.000	25.175	30.210	55.385	-18.615	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2412MHz

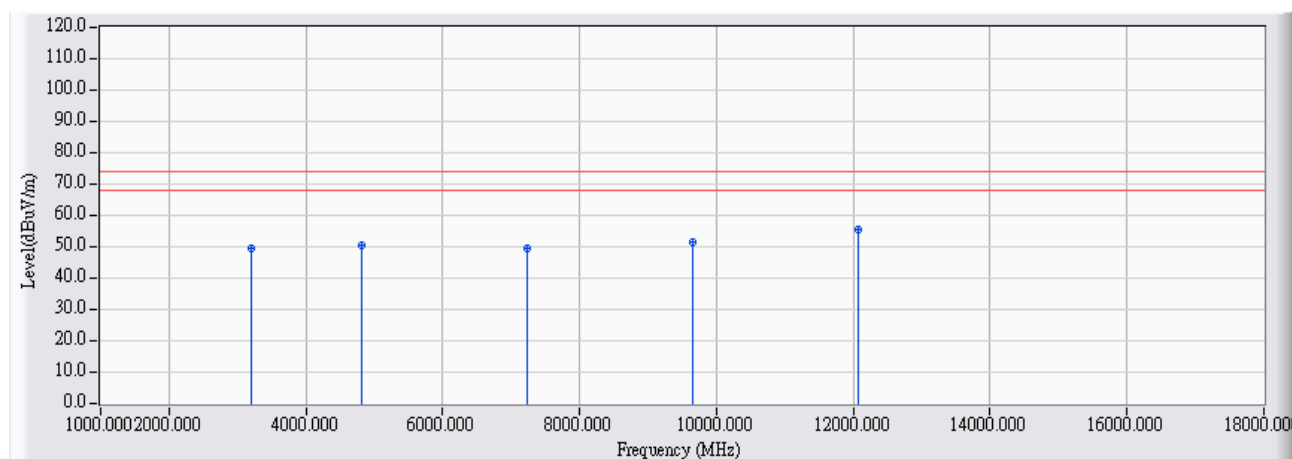


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12042.000	25.170	15.710	40.881	-13.119	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2412MHz

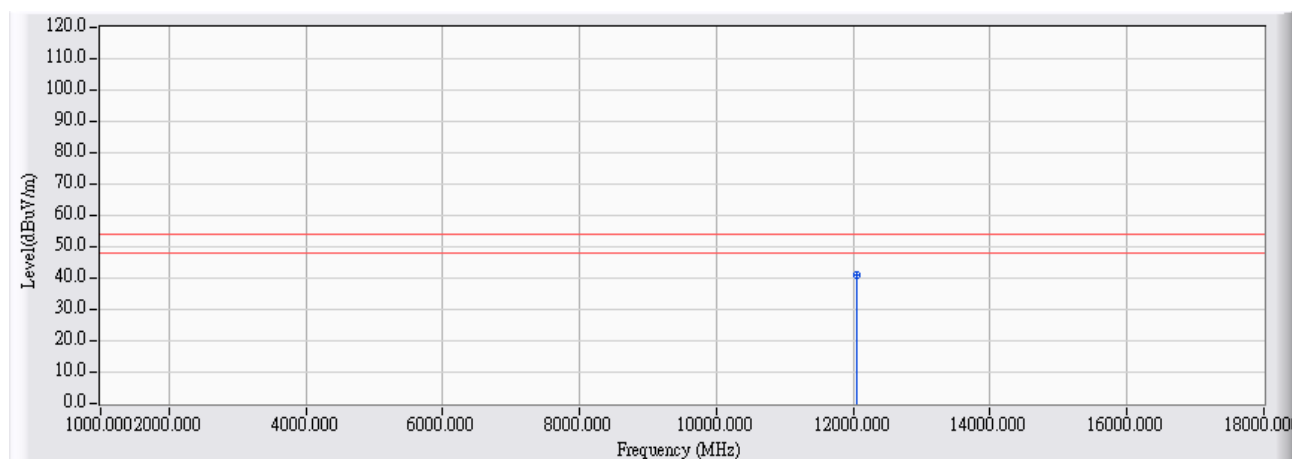


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3202.000	1.690	48.000	49.691	-24.309	74.000	PEAK
2		4824.000	7.060	43.210	50.270	-23.730	74.000	PEAK
3		7234.000	15.267	33.990	49.257	-24.743	74.000	PEAK
4		9643.000	21.224	30.510	51.734	-22.266	74.000	PEAK
5	*	12067.000	25.123	30.220	55.344	-18.656	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2412MHz

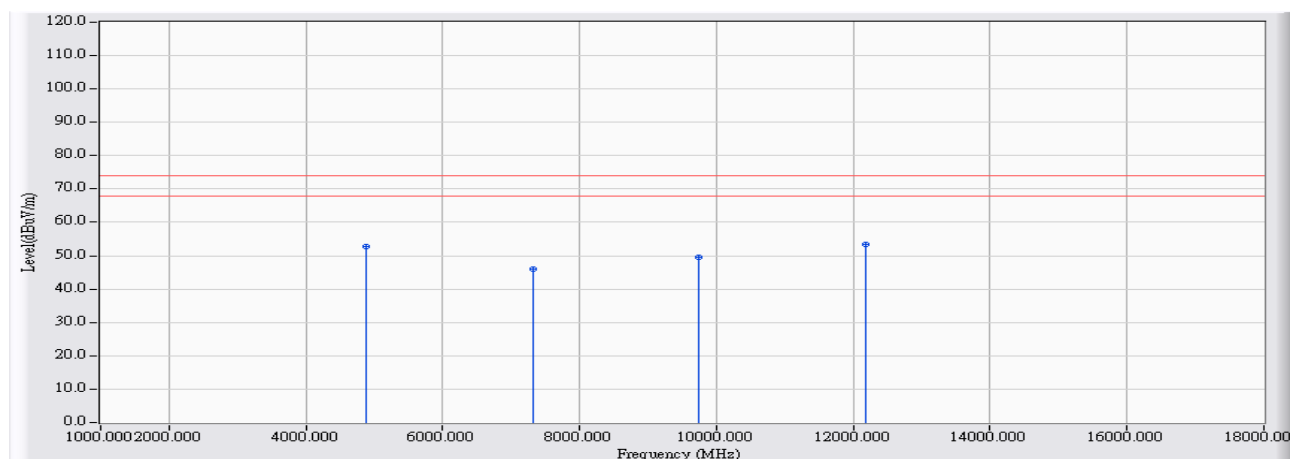


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12051.000	25.153	15.720	40.874	-13.126	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/25
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

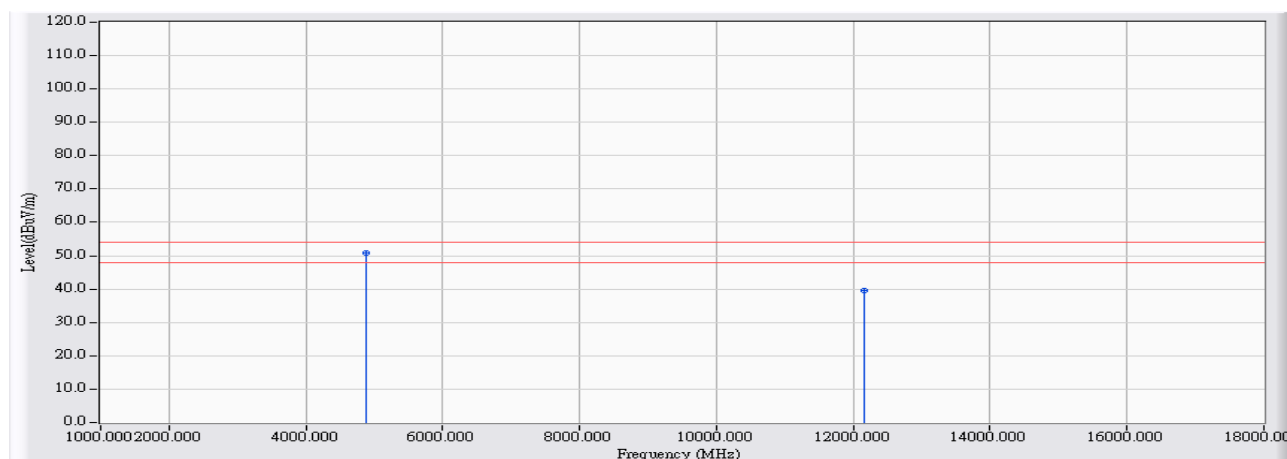


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	7.219	45.410	52.629	-21.371	74.000	PEAK
2		7311.000	15.667	30.250	45.917	-28.083	74.000	PEAK
3		9732.000	21.359	28.140	49.498	-24.502	74.000	PEAK
4	*	12186.000	24.900	28.410	53.310	-20.690	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 : CB4-H	Time : 2017/02/25
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

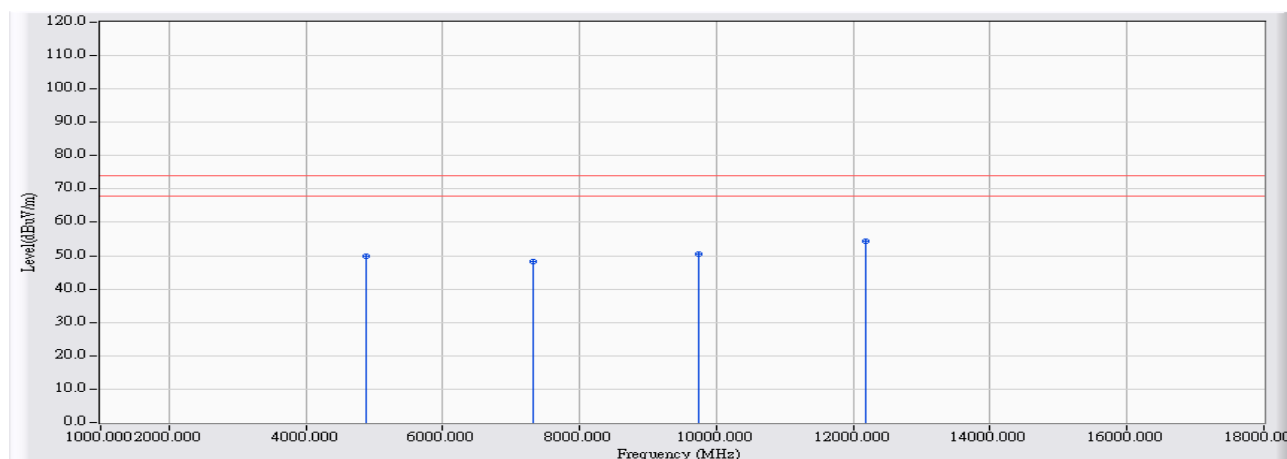


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	7.219	43.630	50.849	-3.151	54.000	AVERAGE
2		12165.000	24.940	14.790	39.730	-14.270	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/25
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

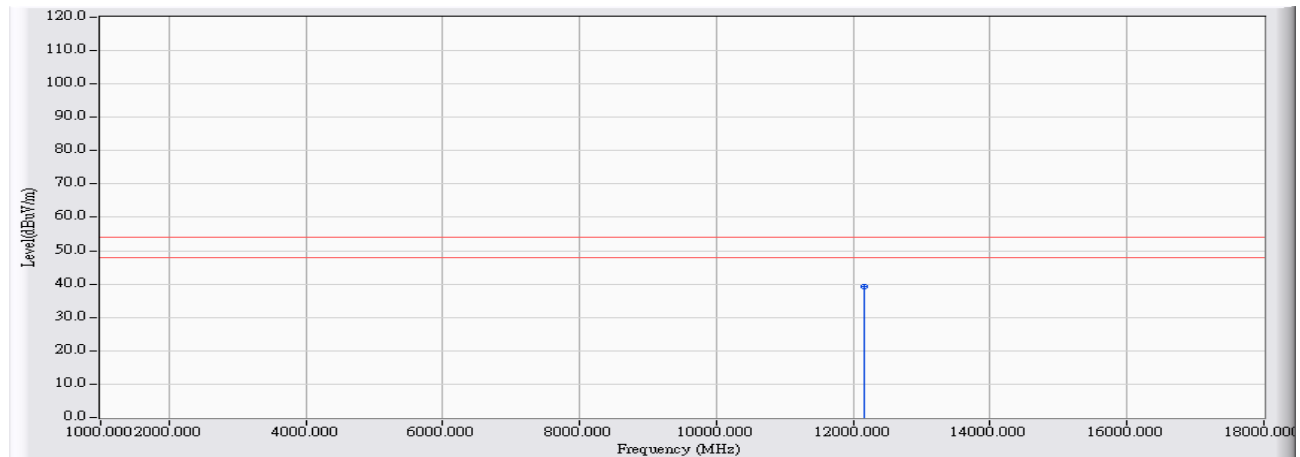


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	7.219	42.780	49.999	-24.001	74.000	PEAK
2		7316.000	15.693	32.410	48.103	-25.897	74.000	PEAK
3		9729.000	21.354	29.140	50.493	-23.507	74.000	PEAK
4	*	12174.000	24.924	29.440	54.363	-19.637	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 : CB4-H	Time : 2017/02/25
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

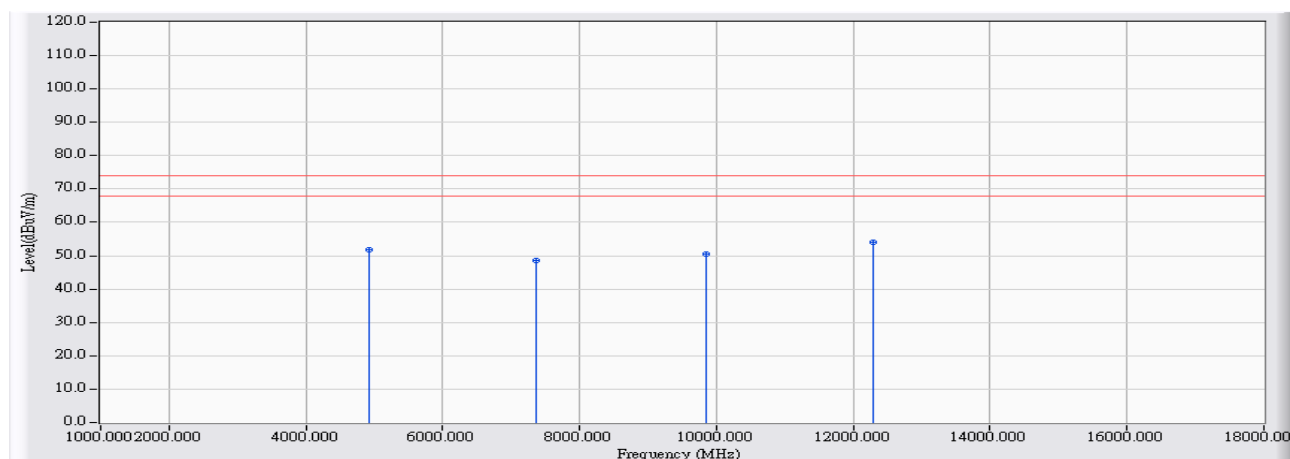


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12165.000	24.940	14.410	39.350	-14.650	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/25
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2462MHz

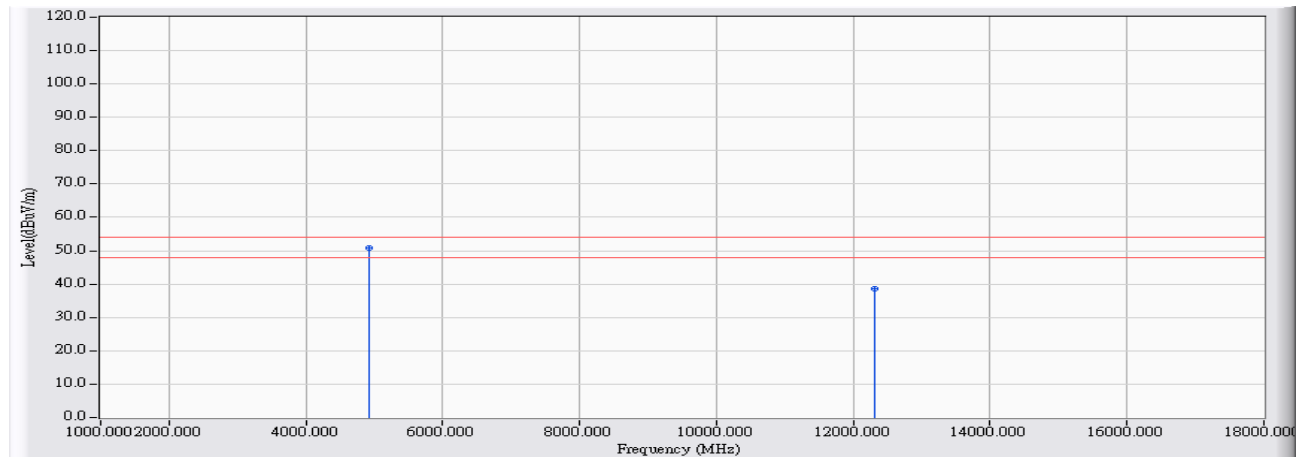


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	7.378	44.470	51.848	-22.152	74.000	PEAK
2		7368.000	15.963	32.470	48.434	-25.566	74.000	PEAK
3		9855.000	21.543	29.110	50.653	-23.347	74.000	PEAK
4	*	12285.000	24.714	29.410	54.124	-19.876	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB4-H	Time : 2017/02/25
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2462MHz

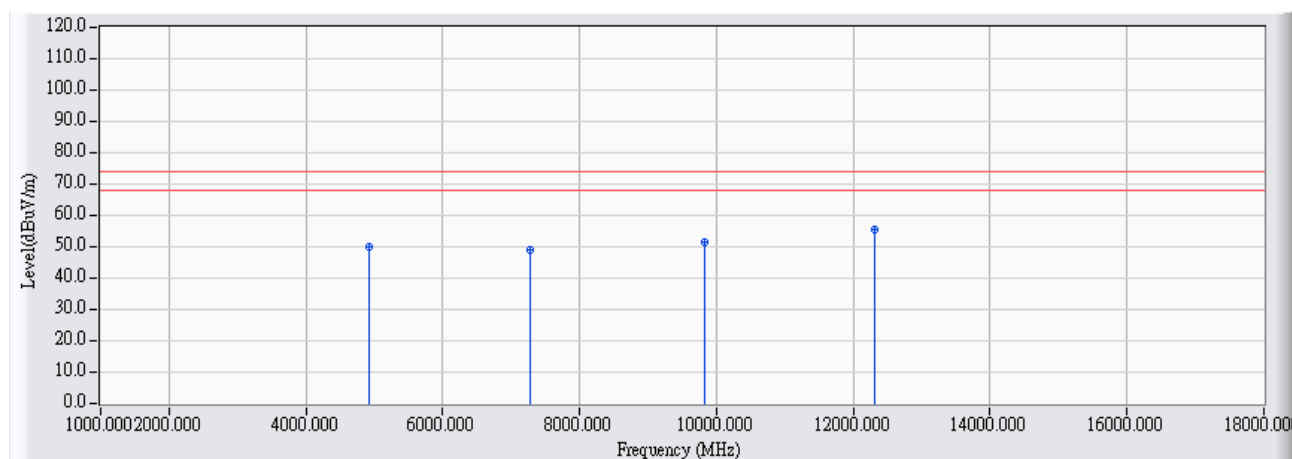


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	7.378	43.370	50.748	-3.252	54.000	AVERAGE
2		12320.000	24.649	13.810	38.458	-15.542	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2462MHz

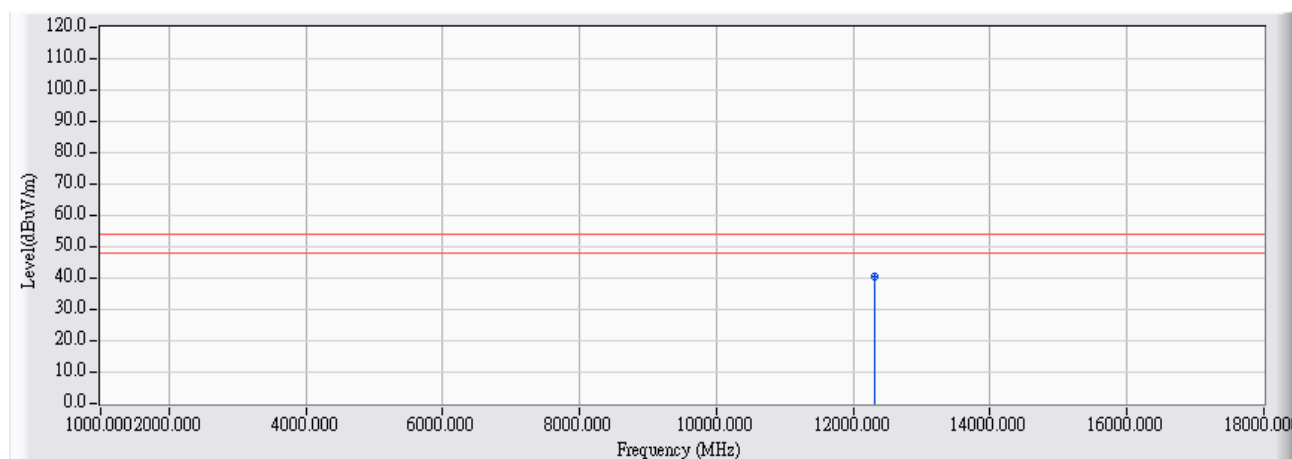


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.000	7.375	42.664	50.039	-23.961	74.000	PEAK
2		7274.000	15.475	33.590	49.065	-24.935	74.000	PEAK
3		9828.000	21.501	29.890	51.392	-22.608	74.000	PEAK
4	*	12308.000	24.672	30.710	55.381	-18.619	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2462MHz

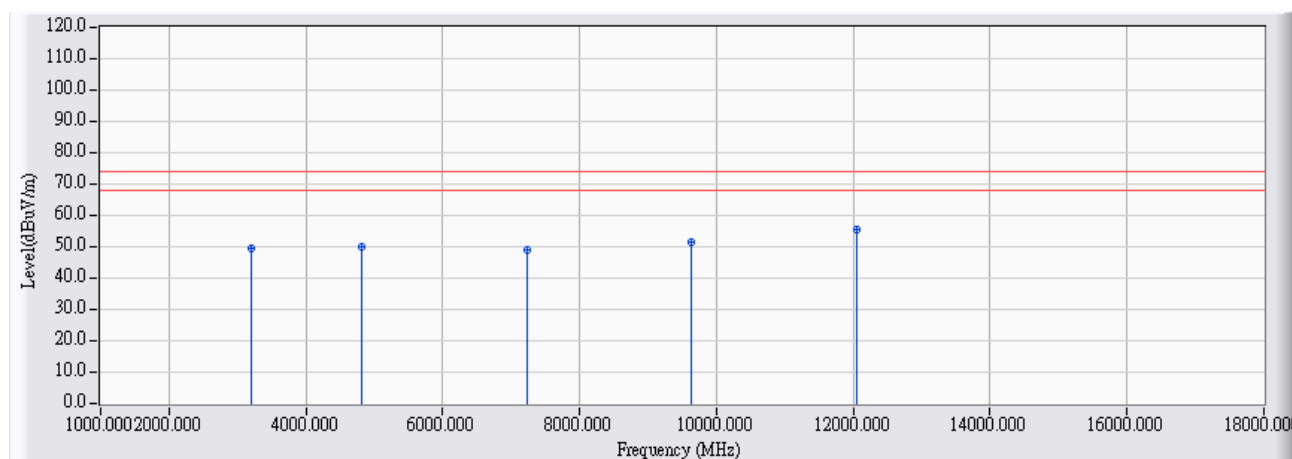


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12319.000	24.650	15.750	40.400	-13.600	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2412MHz

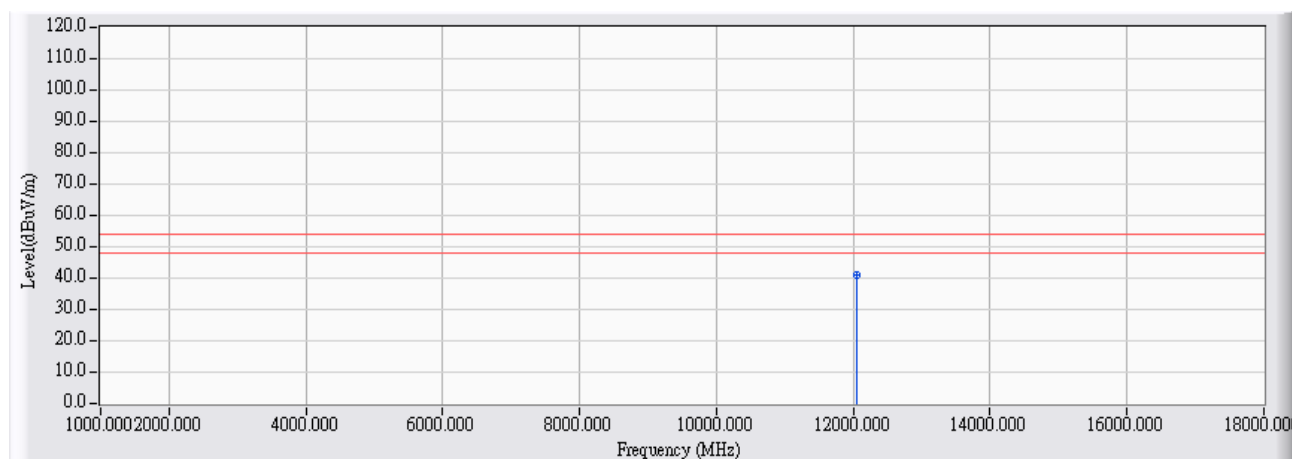


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3201.000	1.689	47.730	49.420	-24.580	74.000	PEAK
2		4824.000	7.060	43.010	50.070	-23.930	74.000	PEAK
3		7236.000	15.277	33.640	48.917	-25.083	74.000	PEAK
4		9638.000	21.216	30.170	51.387	-22.613	74.000	PEAK
5	*	12057.000	25.142	30.240	55.383	-18.617	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2412MHz

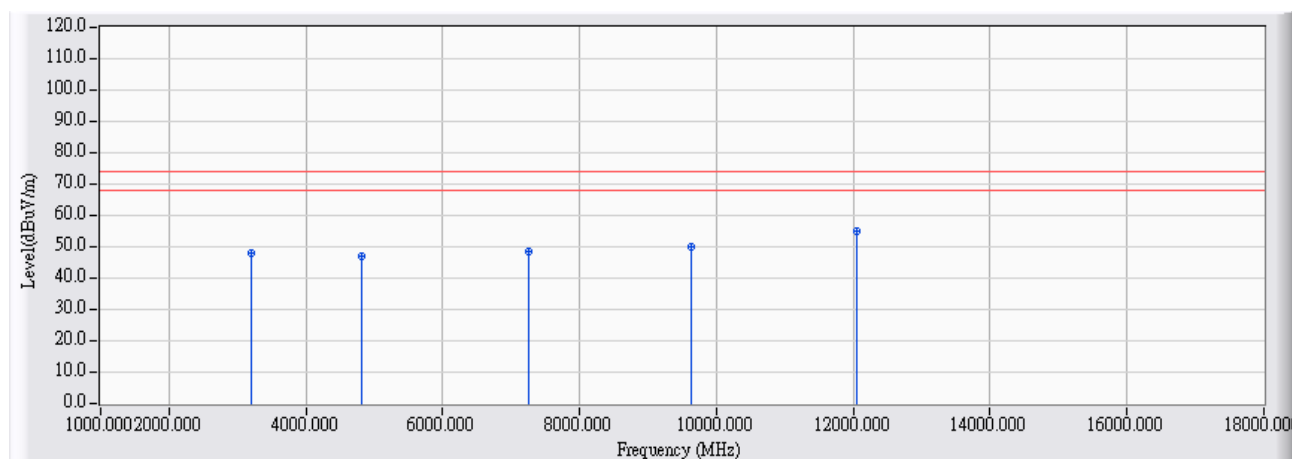


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12050.000	25.156	15.770	40.926	-13.074	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2412MHz

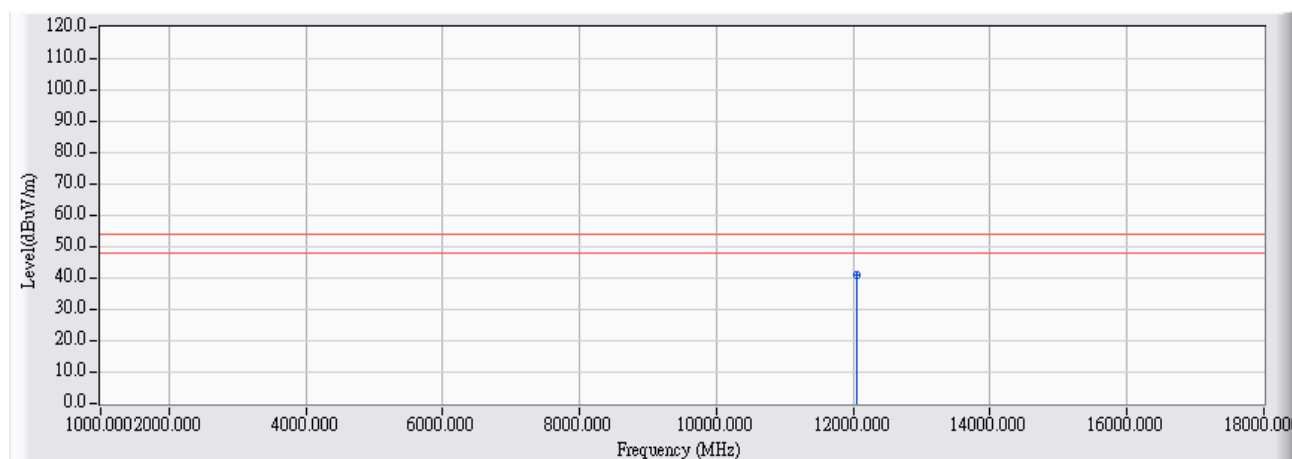


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3200.000	1.688	46.140	47.828	-26.172	74.000	PEAK
2		4824.000	7.060	40.150	47.210	-26.790	74.000	PEAK
3		7245.000	15.324	33.010	48.334	-25.666	74.000	PEAK
4		9641.000	21.221	29.020	50.241	-23.759	74.000	PEAK
5	*	12050.000	25.156	29.790	54.946	-19.054	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2412MHz

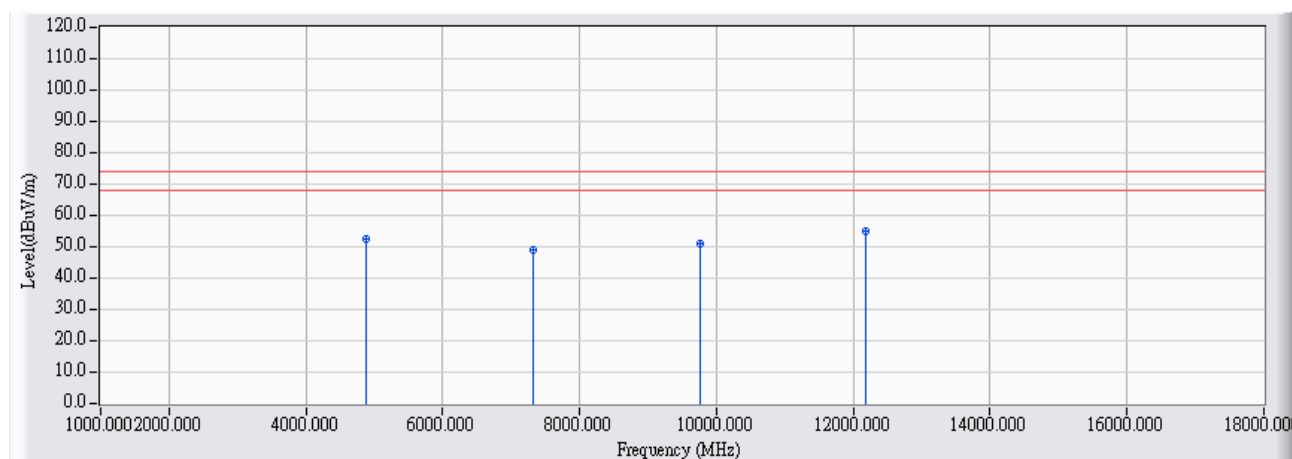


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12054.000	25.149	15.670	40.818	-13.182	54.000	AVERAGE

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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

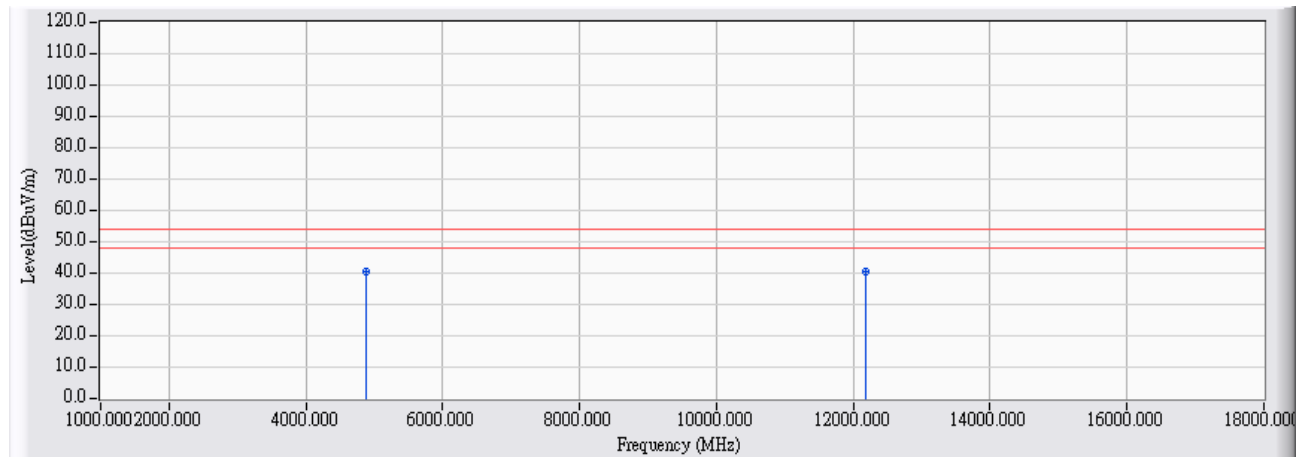


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	7.219	45.210	52.429	-21.571	74.000	PEAK
2		7314.000	15.683	33.290	48.973	-25.027	74.000	PEAK
3		9754.000	21.391	29.680	51.071	-22.929	74.000	PEAK
4	*	12186.000	24.900	30.080	54.980	-19.020	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

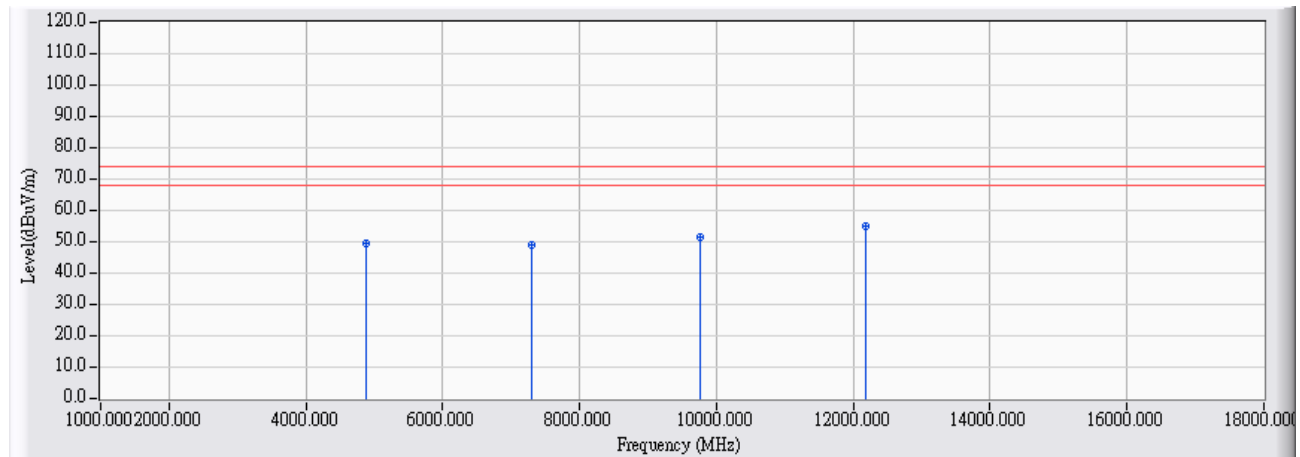


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4874.000	7.219	33.490	40.709	-13.291	54.000	AVERAGE
2		12187.000	24.898	15.760	40.658	-13.342	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

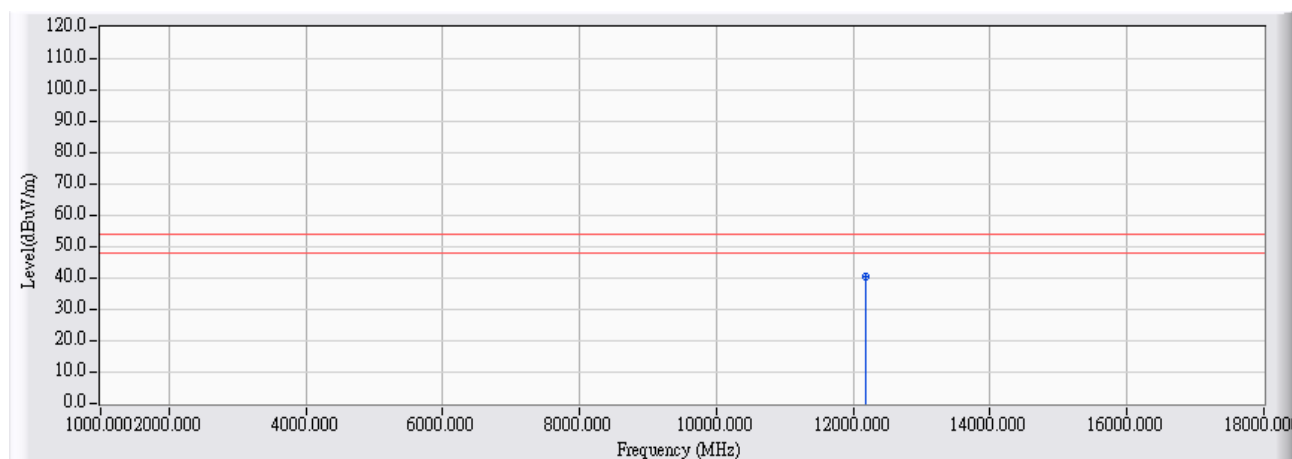


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	7.219	42.110	49.329	-24.671	74.000	PEAK
2		7308.000	15.651	33.500	49.152	-24.848	74.000	PEAK
3		9751.000	21.386	30.010	51.397	-22.603	74.000	PEAK
4	*	12176.000	24.918	30.230	54.149	-19.851	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

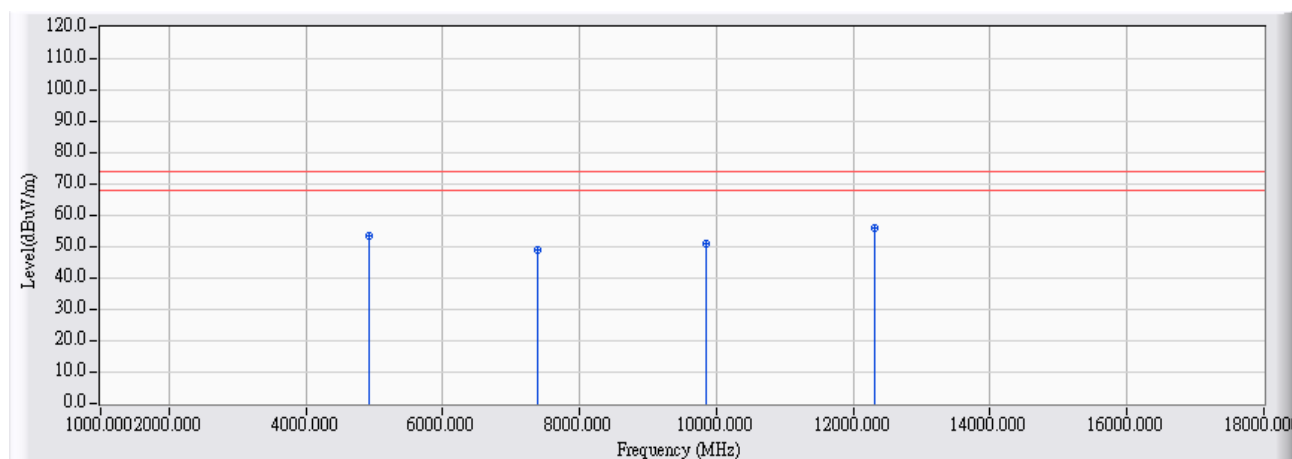


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12183.000	24.906	15.660	40.566	-13.434	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2462MHz

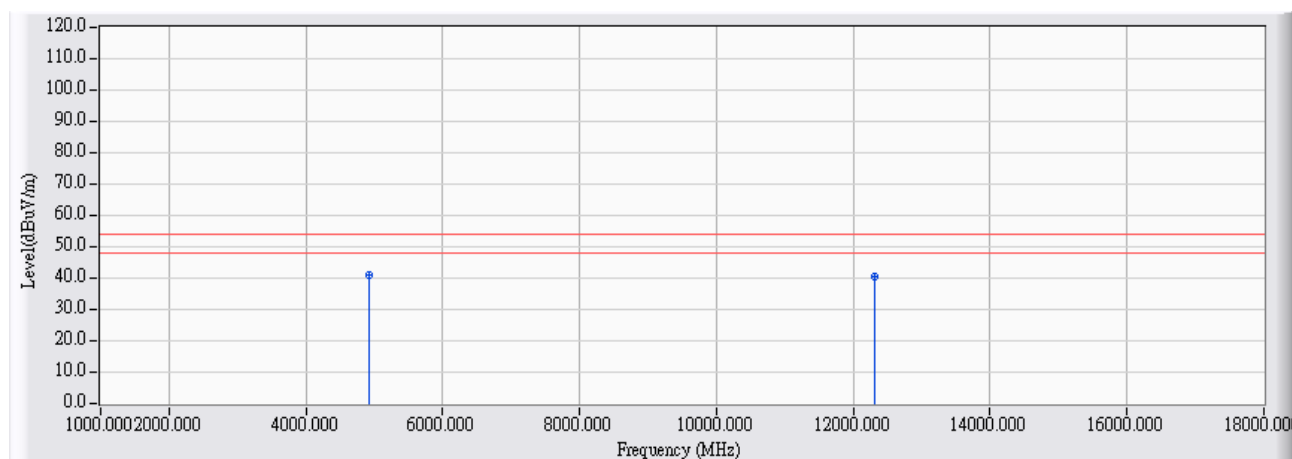


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4925.000	7.382	46.040	53.422	-20.578	74.000	PEAK
2		7395.000	16.104	33.050	49.154	-24.846	74.000	PEAK
3		9848.000	21.531	29.510	51.042	-22.958	74.000	PEAK
4	*	12309.000	24.669	31.180	55.849	-18.151	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2462MHz

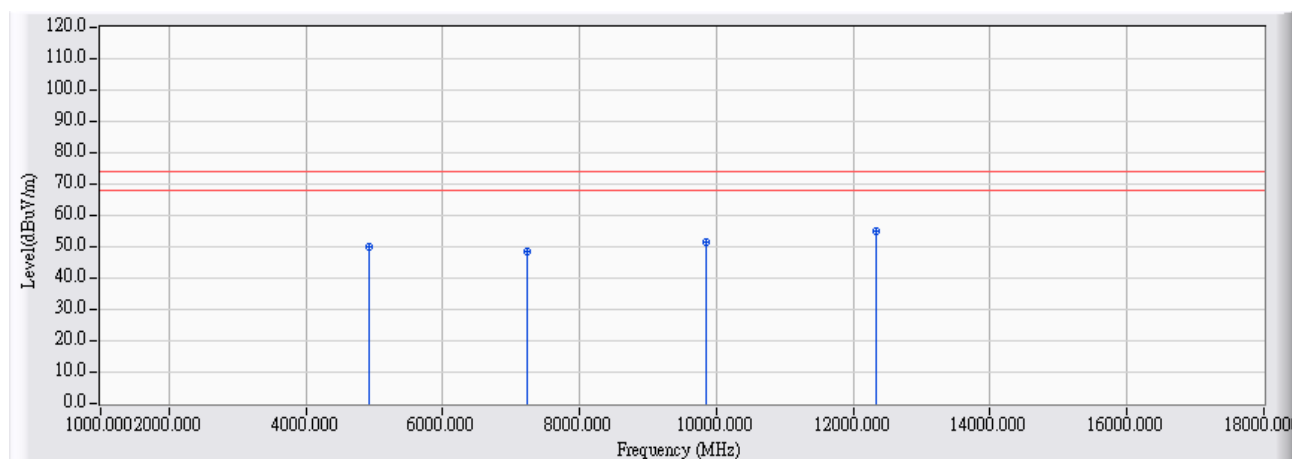


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	7.378	33.540	40.918	-13.082	54.000	AVERAGE
2		12304.000	24.679	15.890	40.568	-13.432	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2462MHz

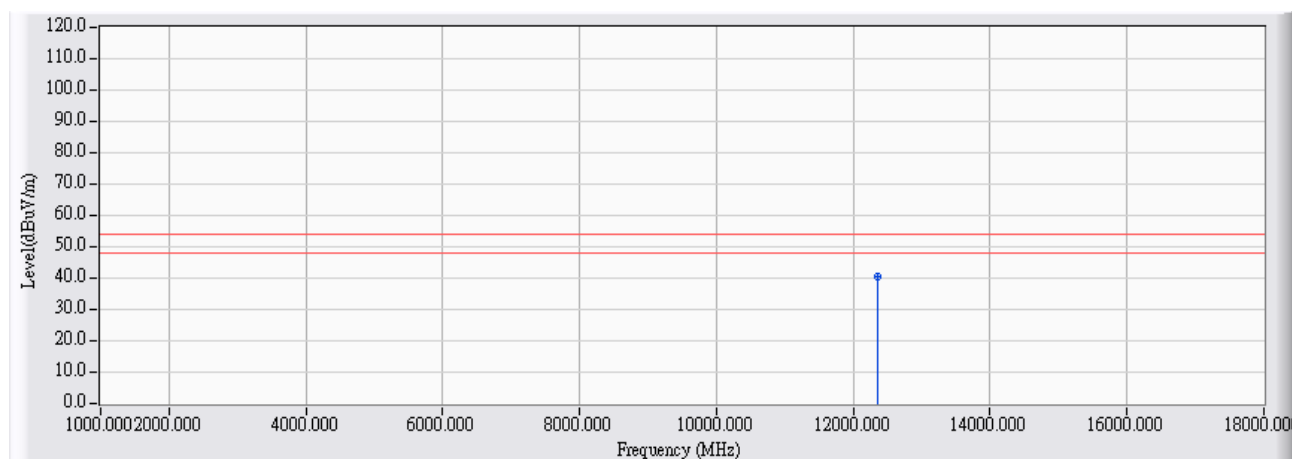


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	7.378	42.860	50.238	-23.762	74.000	PEAK
2		7236.000	15.277	33.090	48.367	-25.633	74.000	PEAK
3		9842.000	21.524	30.100	51.623	-22.377	74.000	PEAK
4	*	12336.000	24.618	30.480	55.098	-18.902	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2462MHz

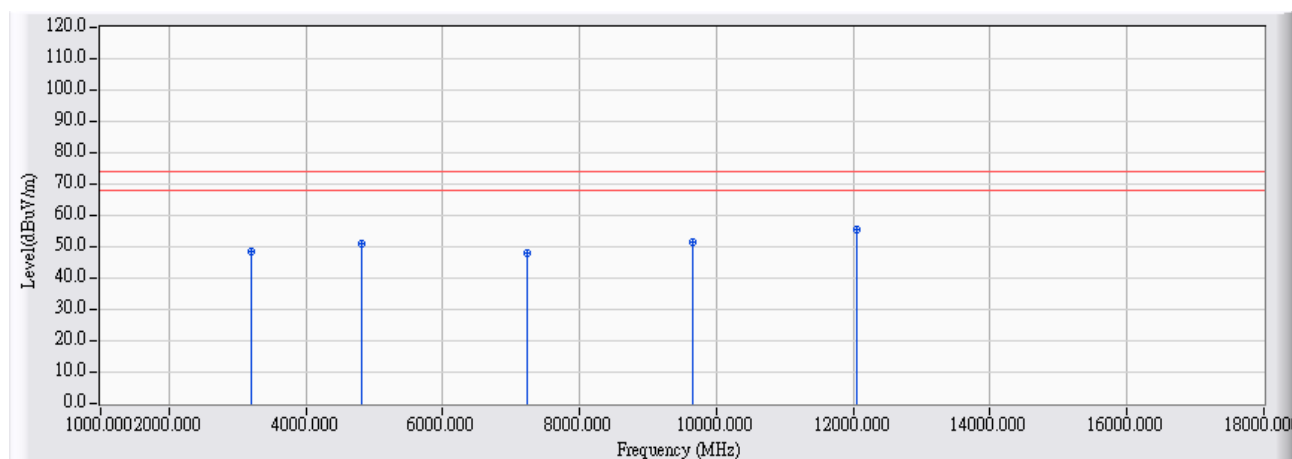


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12355.000	24.582	15.980	40.563	-13.437	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2412MHz

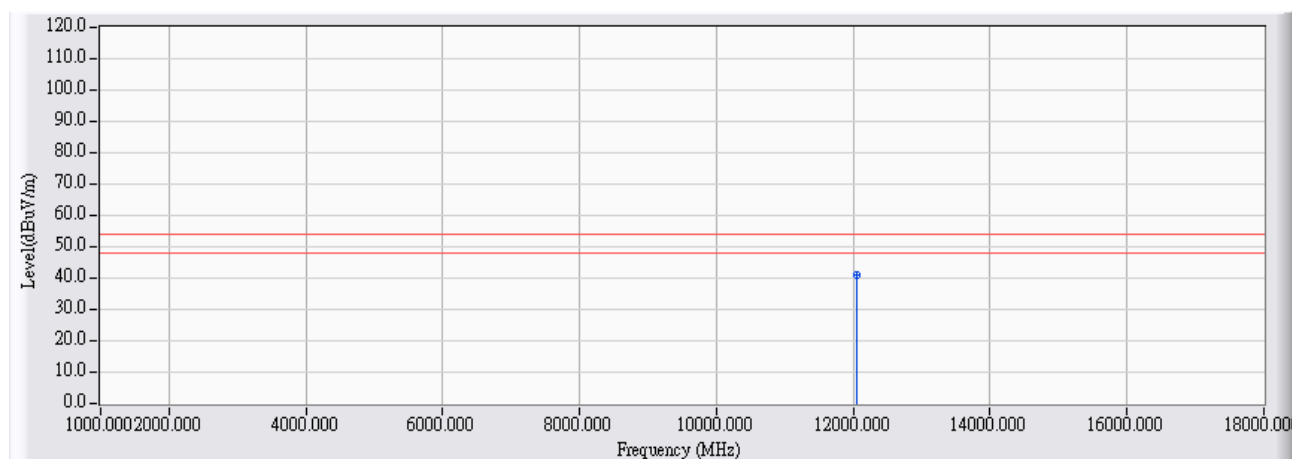


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3200.000	1.688	46.570	48.258	-25.742	74.000	PEAK
2		4824.000	7.060	43.890	50.950	-23.050	74.000	PEAK
3		7228.000	15.236	32.920	48.156	-25.844	74.000	PEAK
4		9654.000	21.241	30.010	51.251	-22.749	74.000	PEAK
5	*	12058.000	25.142	30.440	55.581	-18.419	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2412MHz

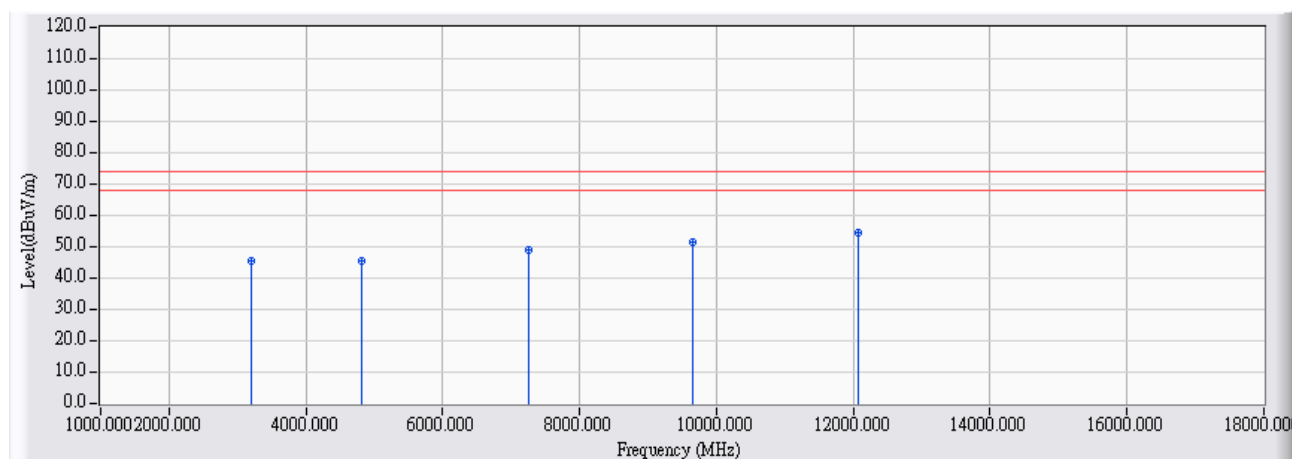


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12055.000	25.146	15.890	41.037	-12.963	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2412MHz

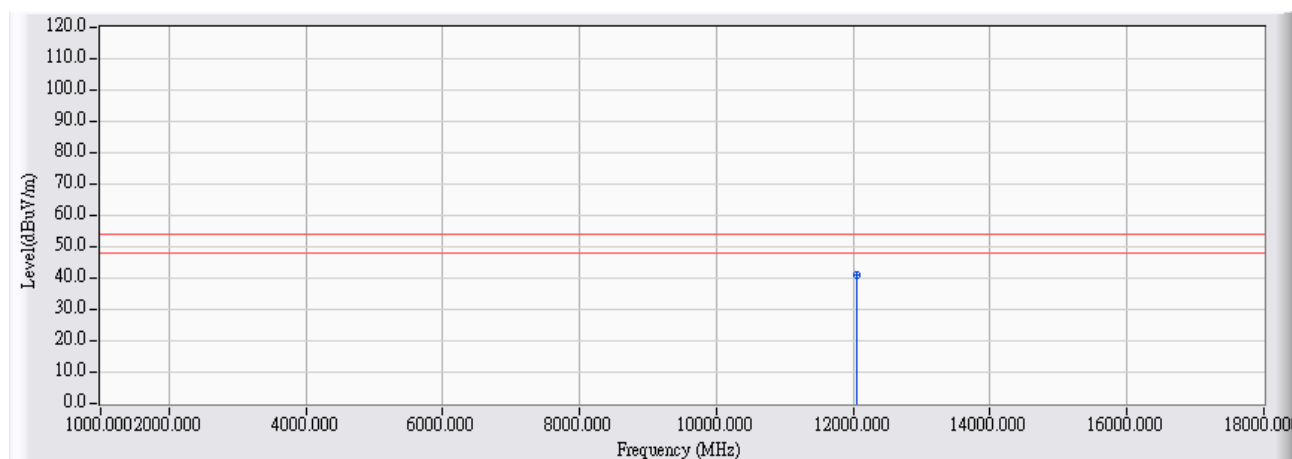


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3200.000	1.688	43.980	45.668	-28.332	74.000	PEAK
2		4824.000	7.060	38.520	45.580	-28.420	74.000	PEAK
3		7245.000	15.324	33.460	48.784	-25.216	74.000	PEAK
4		9655.000	21.242	30.470	51.713	-22.287	74.000	PEAK
5	*	12067.000	25.123	29.420	54.544	-19.456	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2412MHz

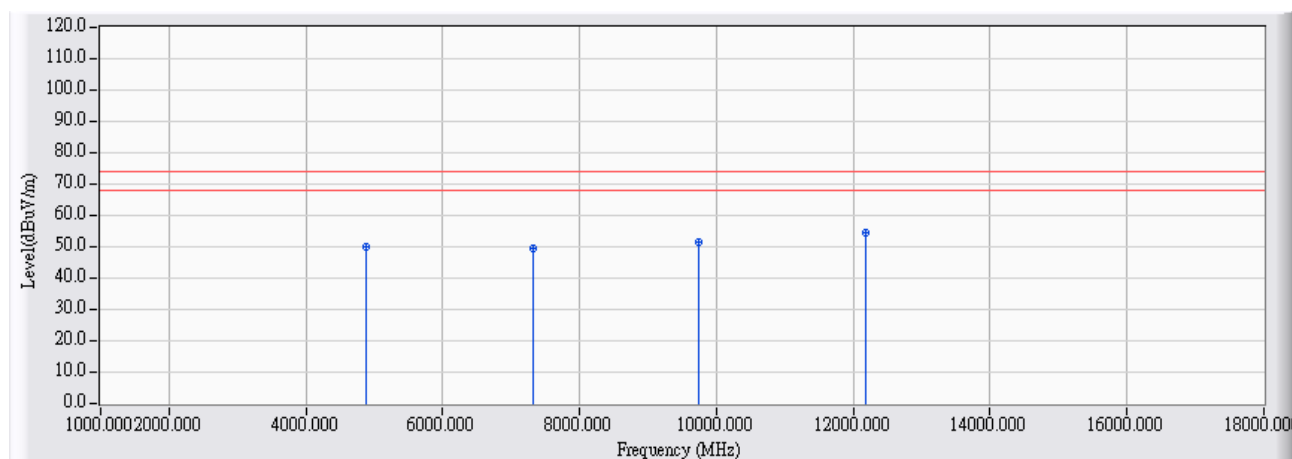


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12051.000	25.153	15.640	40.794	-13.206	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

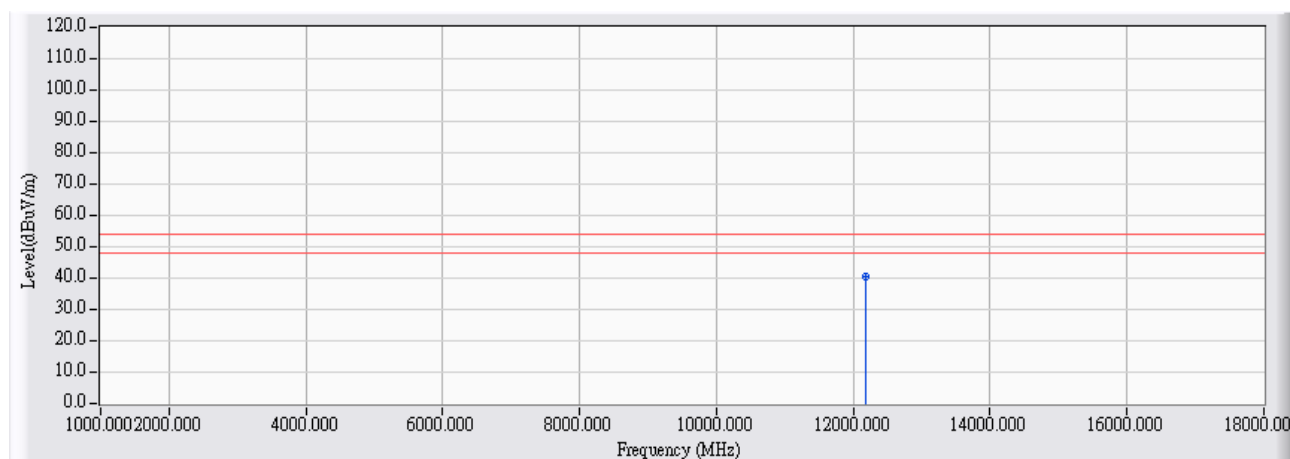


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	7.219	43.010	50.229	-23.771	74.000	PEAK
2		7326.000	15.745	33.840	49.585	-24.415	74.000	PEAK
3		9745.000	21.378	30.230	51.608	-22.392	74.000	PEAK
4	*	12191.000	24.891	29.650	54.541	-19.459	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

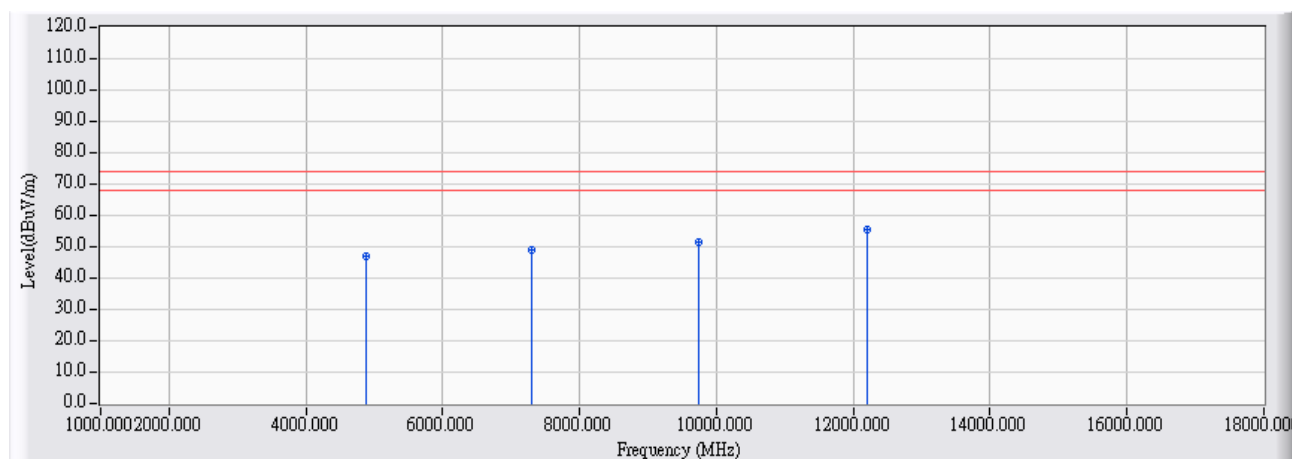


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12184.000	24.904	15.740	40.644	-13.356	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

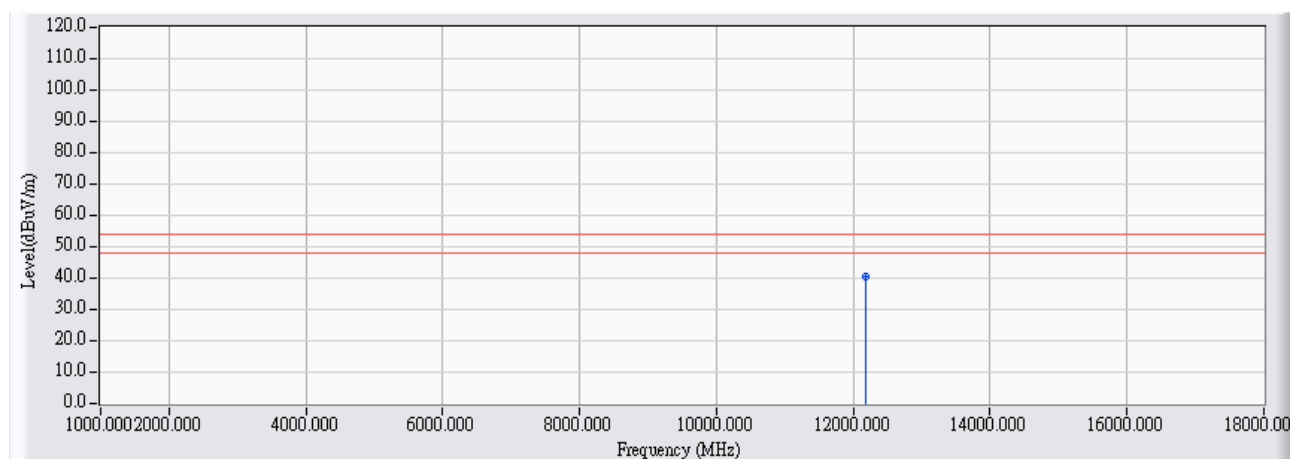


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.000	7.216	39.870	47.086	-26.914	74.000	PEAK
2		7302.000	15.620	33.200	48.820	-25.180	74.000	PEAK
3		9744.000	21.376	30.050	51.426	-22.574	74.000	PEAK
4	*	12192.000	24.888	30.450	55.339	-18.661	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

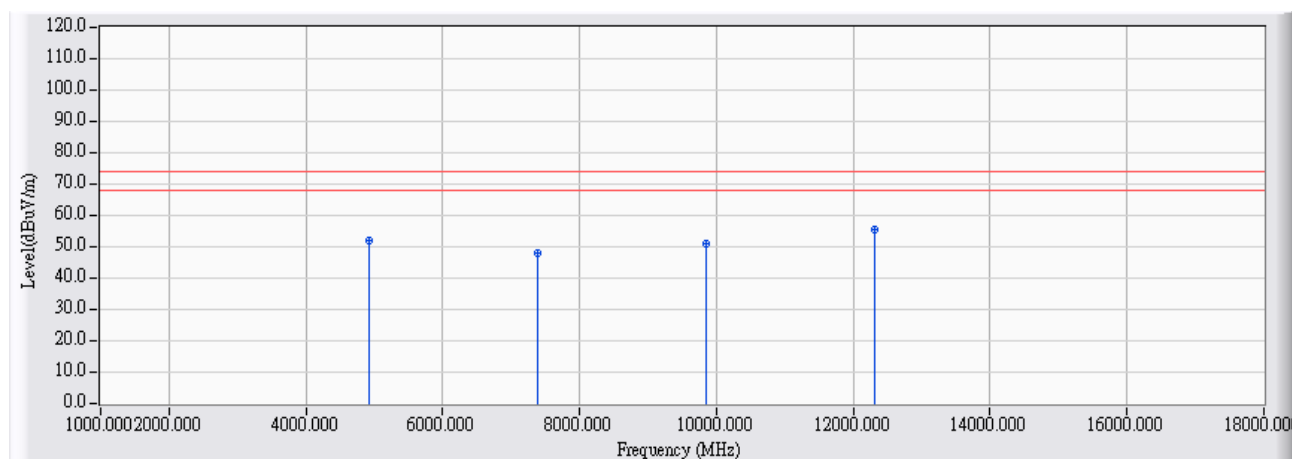


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12186.000	24.900	15.690	40.590	-13.410	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2462MHz

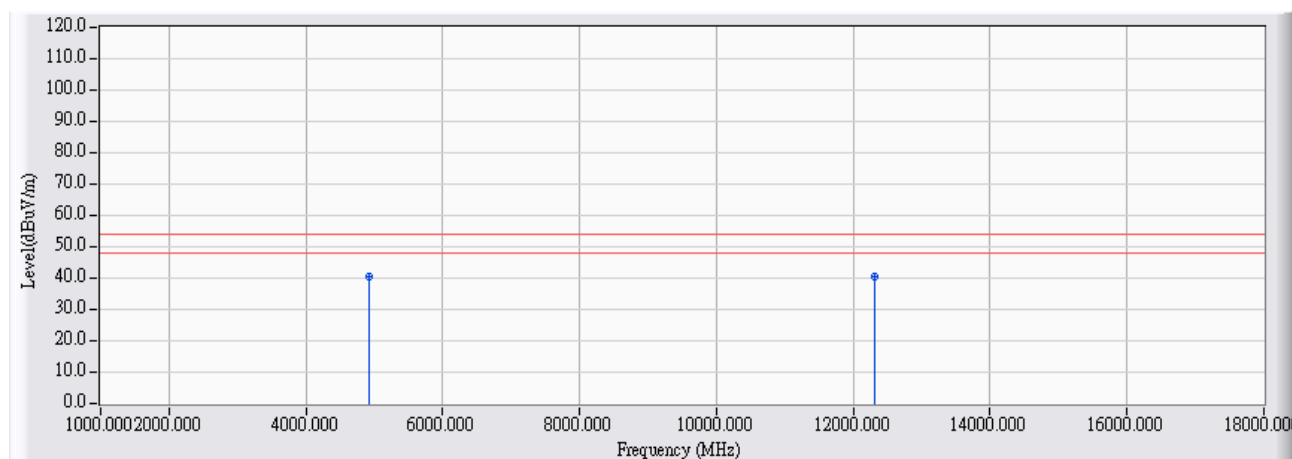


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4925.000	7.382	44.660	52.042	-21.958	74.000	PEAK
2		7380.000	16.026	32.220	48.246	-25.754	74.000	PEAK
3		9846.000	21.529	29.660	51.189	-22.811	74.000	PEAK
4	*	12307.000	24.672	30.880	55.553	-18.447	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2462MHz

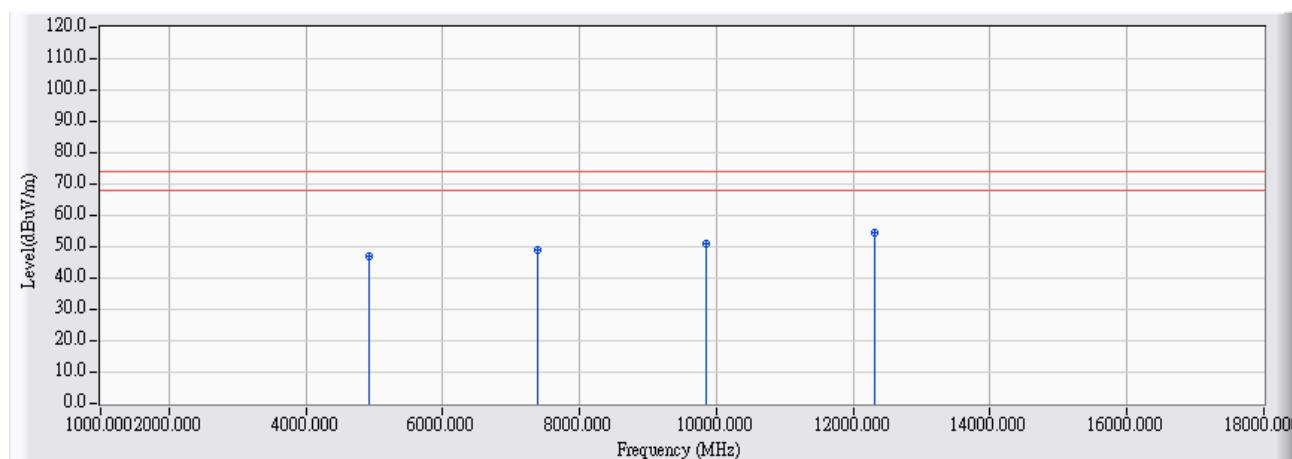


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4924.000	7.378	33.300	40.678	-13.322	54.000	AVERAGE
2		12307.000	24.672	15.950	40.623	-13.377	54.000	AVERAGE

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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2462MHz

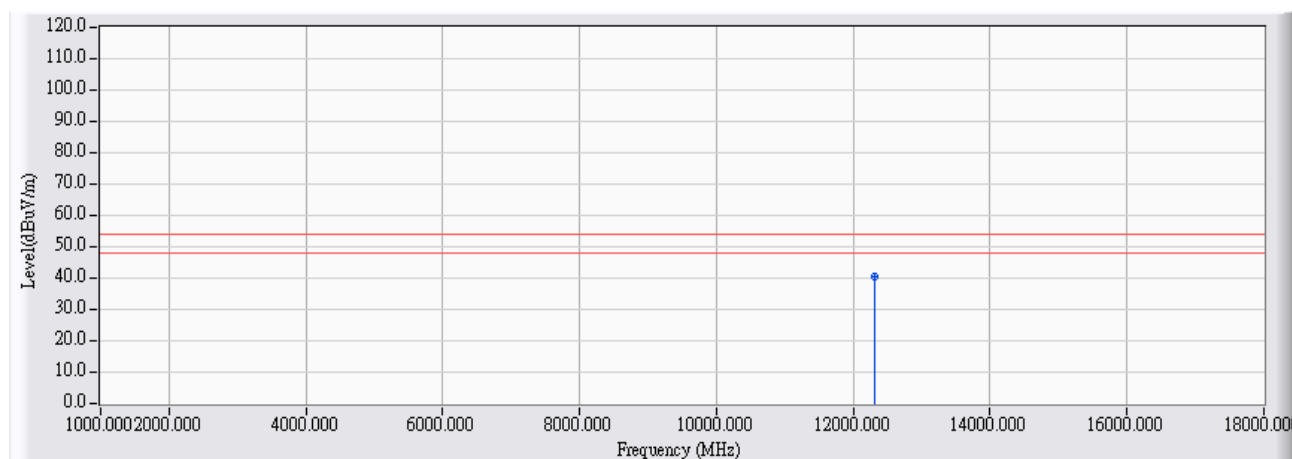


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	7.378	39.830	47.208	-26.792	74.000	PEAK
2		7383.000	16.041	33.200	49.242	-24.758	74.000	PEAK
3		9838.000	21.516	29.560	51.077	-22.923	74.000	PEAK
4	*	12313.000	24.662	29.830	54.492	-19.508	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2462MHz

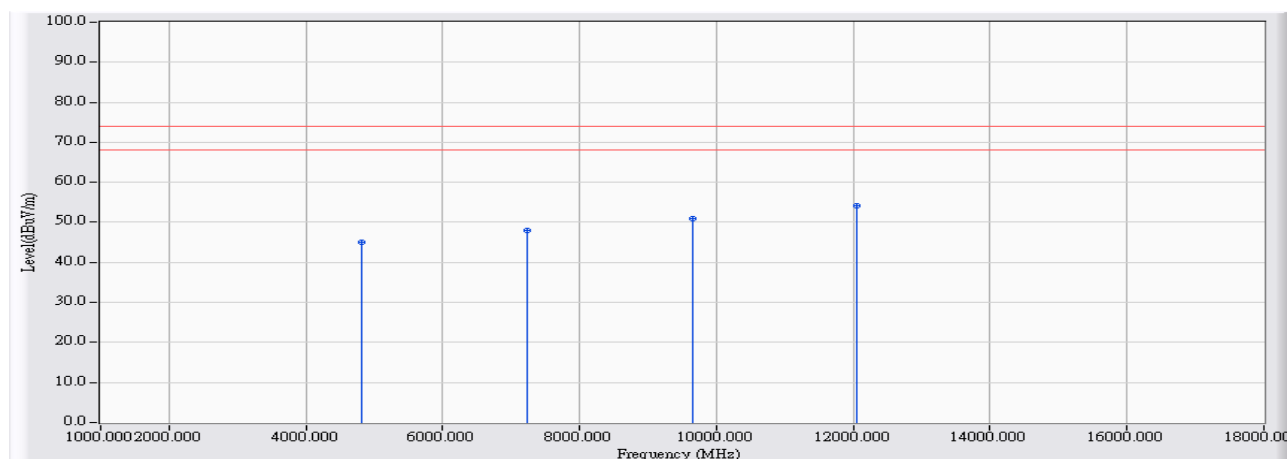


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12307.000	24.672	15.970	40.643	-13.357	54.000	AVERAGE

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 : CB4-H	Time : 2017/05/19
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 2: Transmit (Wall mount) 802.11b_2412MHz

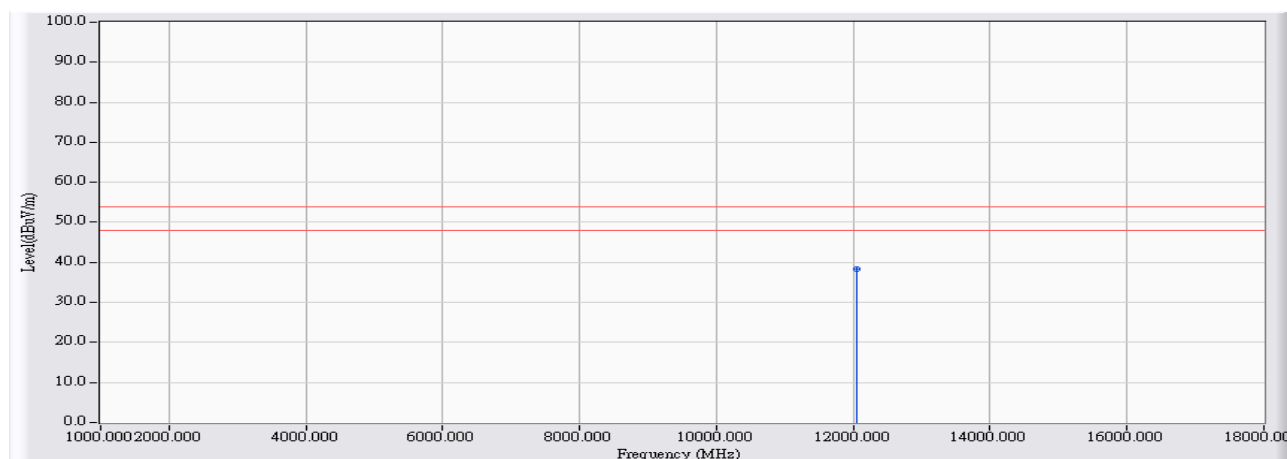


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	7.434	37.620	45.054	-28.946	74.000	PEAK
2		7236.000	16.055	31.930	47.986	-26.014	74.000	PEAK
3		9648.000	21.844	29.200	51.045	-22.955	74.000	PEAK
4	*	12060.000	26.039	28.130	54.169	-19.831	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 : CB4-H	Time : 2017/05/19
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 2: Transmit (Wall mount) 802.11b_2412MHz

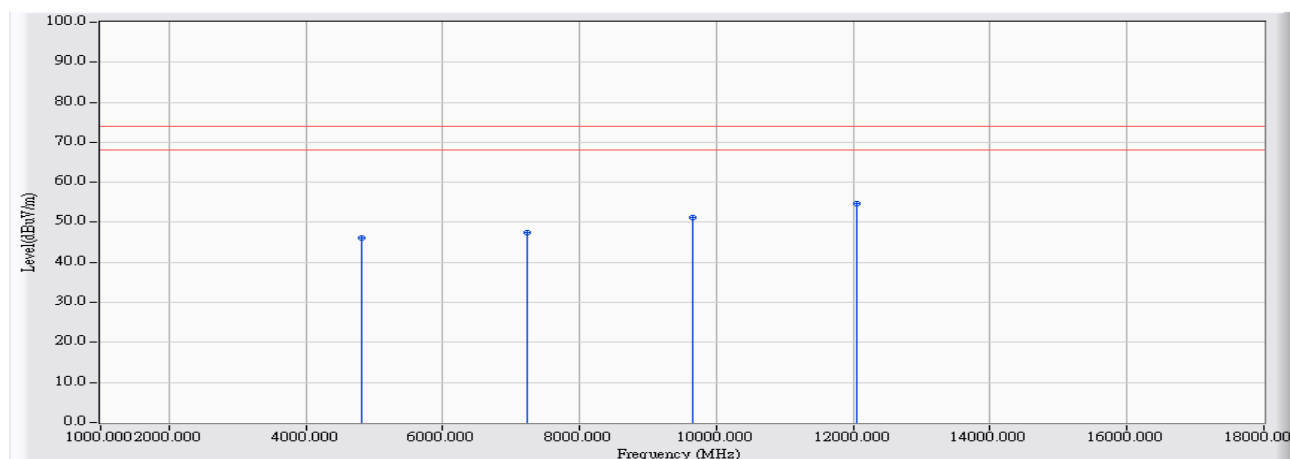


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12060.000	26.039	12.414	38.453	-15.547	54.000	AVERAGE

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 : CB4-H	Time : 2017/05/19
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 2: Transmit (Wall mount) 802.11b_2412MHz

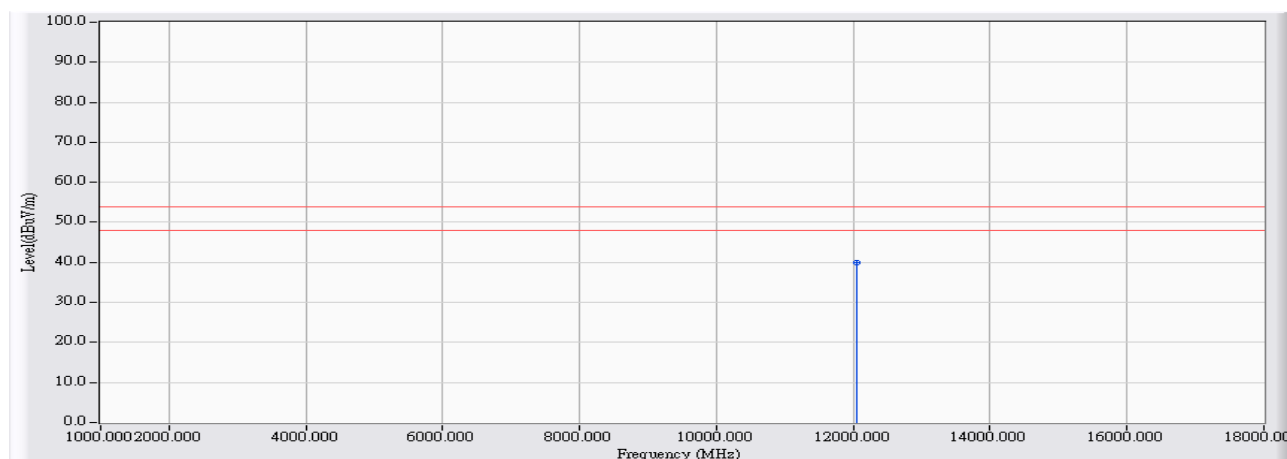


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	7.434	38.671	46.105	-27.895	74.000	PEAK
2		7236.000	16.055	31.482	47.538	-26.462	74.000	PEAK
3		9648.000	21.844	29.277	51.122	-22.878	74.000	PEAK
4	*	12060.000	26.039	28.547	54.586	-19.414	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 : CB4-H	Time : 2017/05/19
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 2: Transmit (Wall mount) 802.11b_2412MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	12060.000	26.039	13.948	39.987	-14.013	54.000	AVERAGE

Note:

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

5. RF antenna conducted test

5.1. Test Equipment

The following test equipment is used during the test:

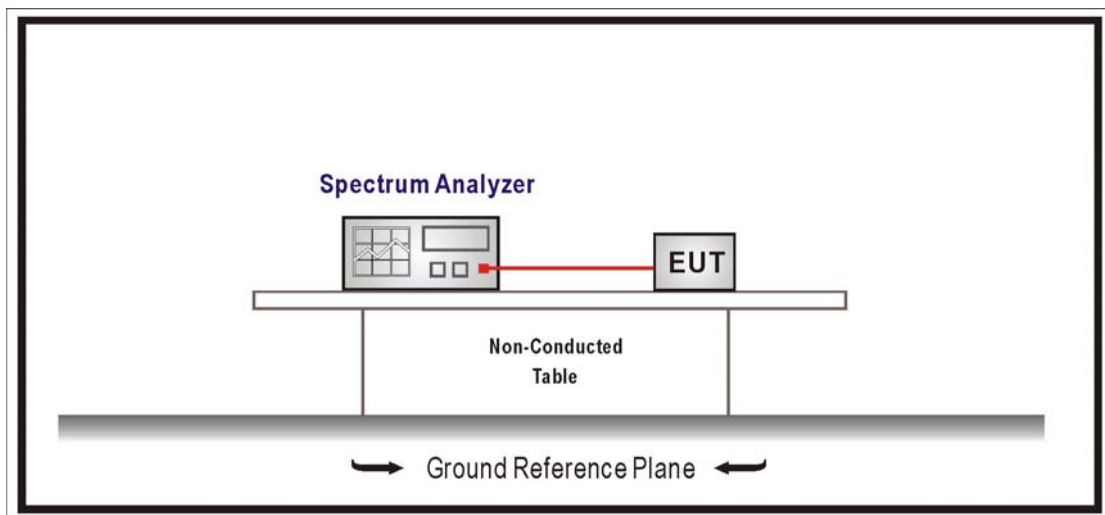
RF Antenna Conducted Test / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

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

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

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

5.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure section 11.2 of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

5.6. Uncertainty

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

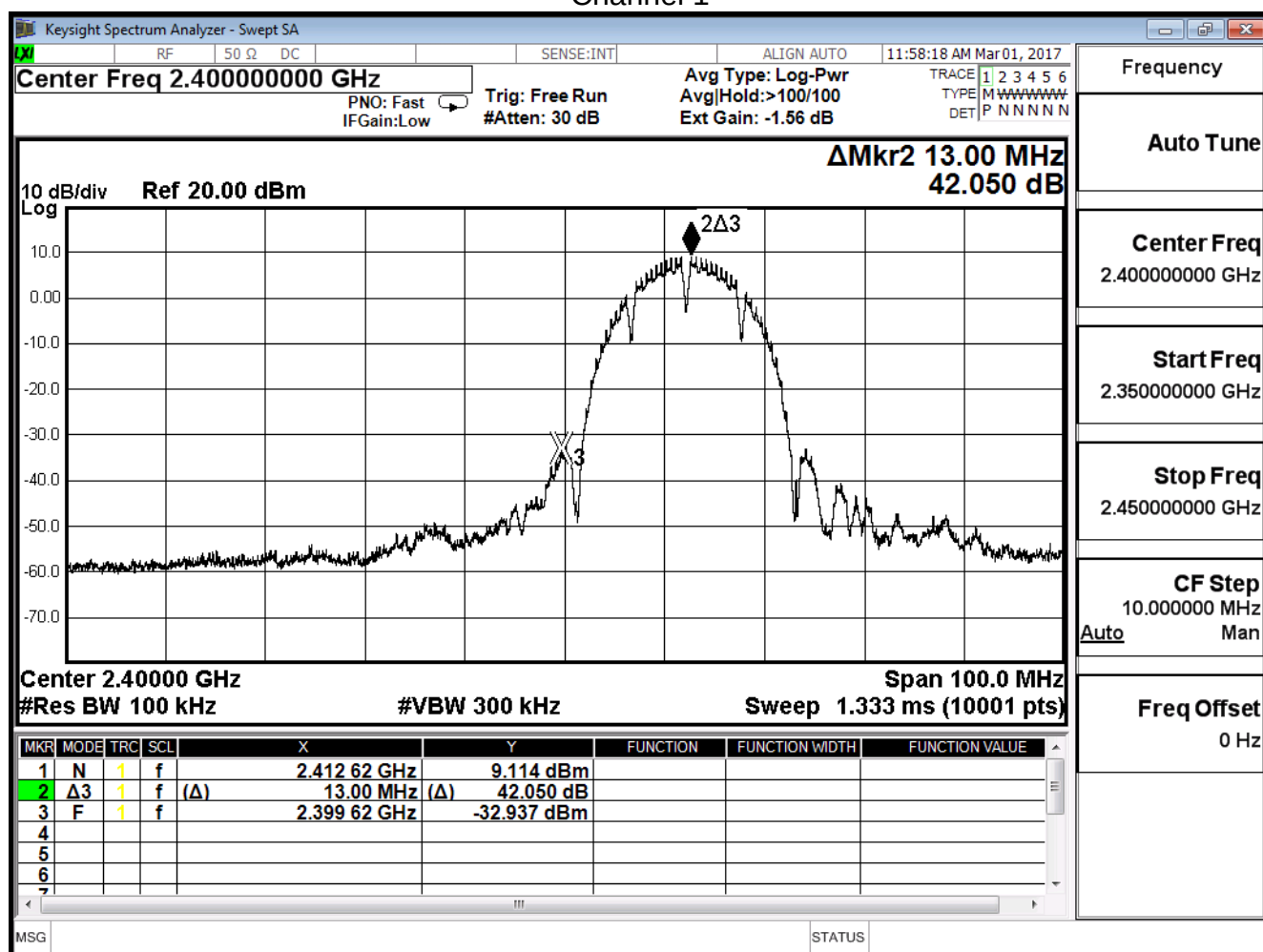
5.7. Test Result

Product	HD 180 Degree Wi-Fi Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

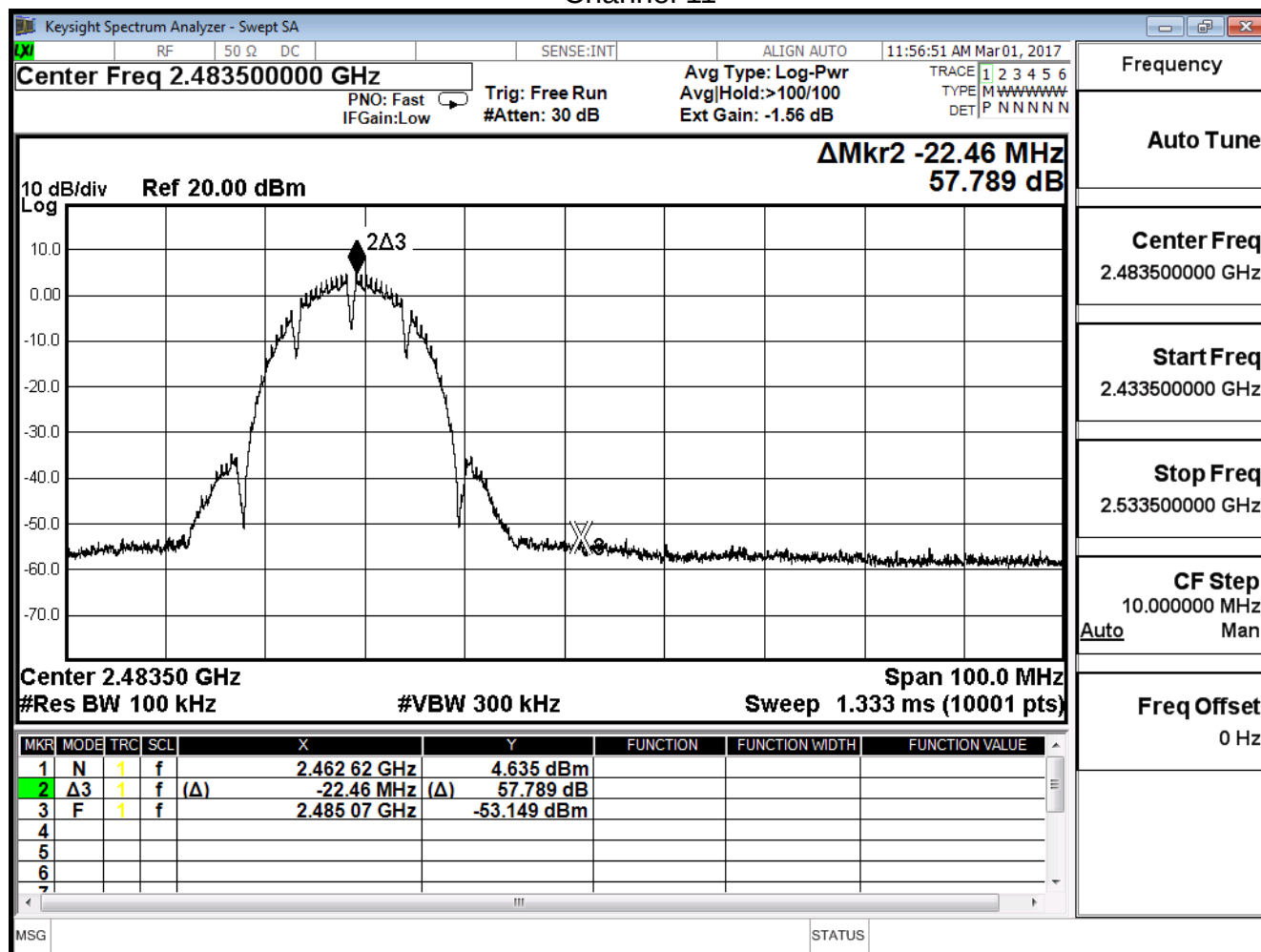
IEEE 802.11b (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	42.050	≤ 30	Pass
6	2437	62.676	≤ 30	Pass
11	2462	57.789	≤ 30	Pass

Channel 1



Channel 11

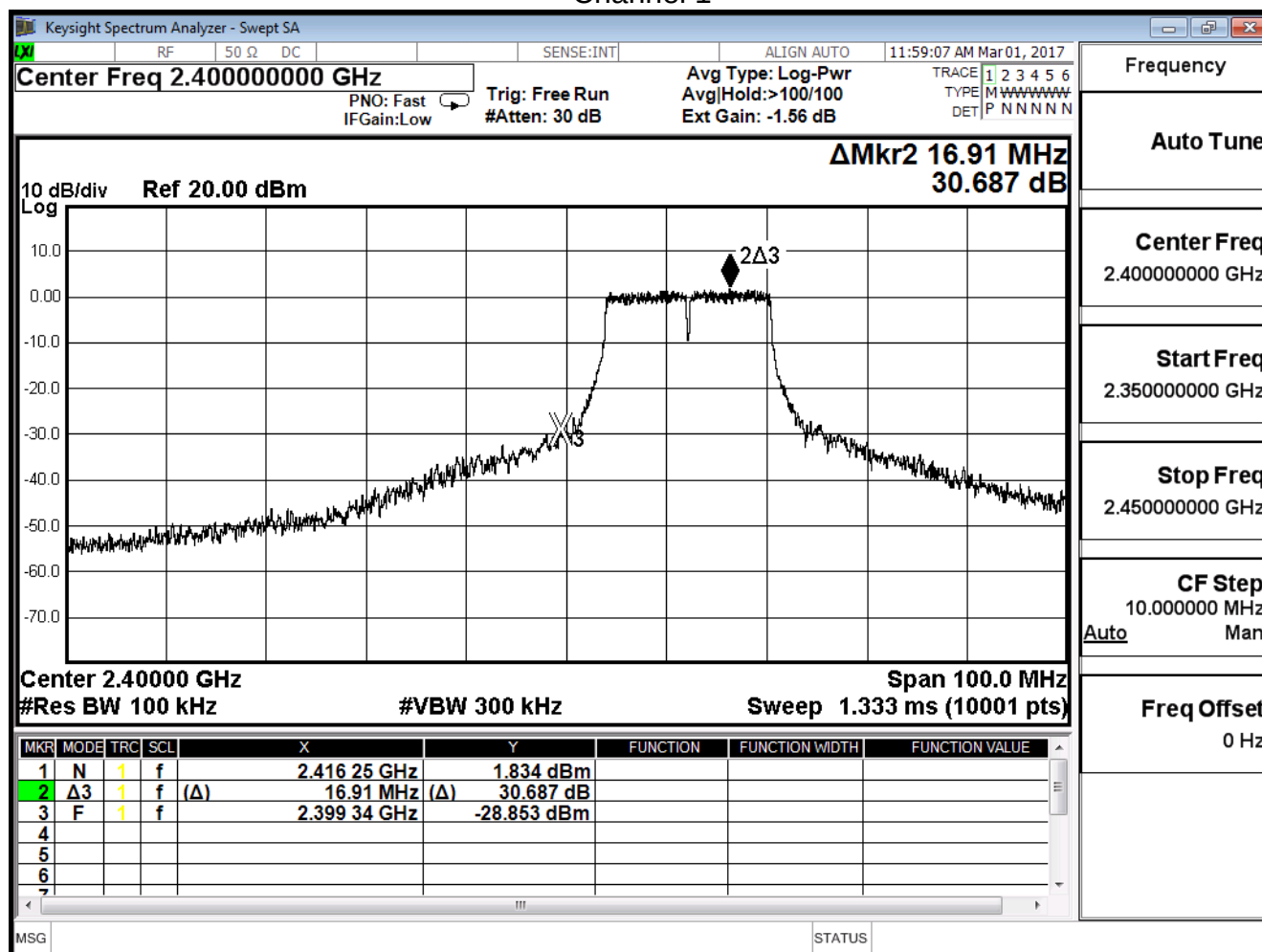


Product	HD 180 Degree Wi-Fi Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

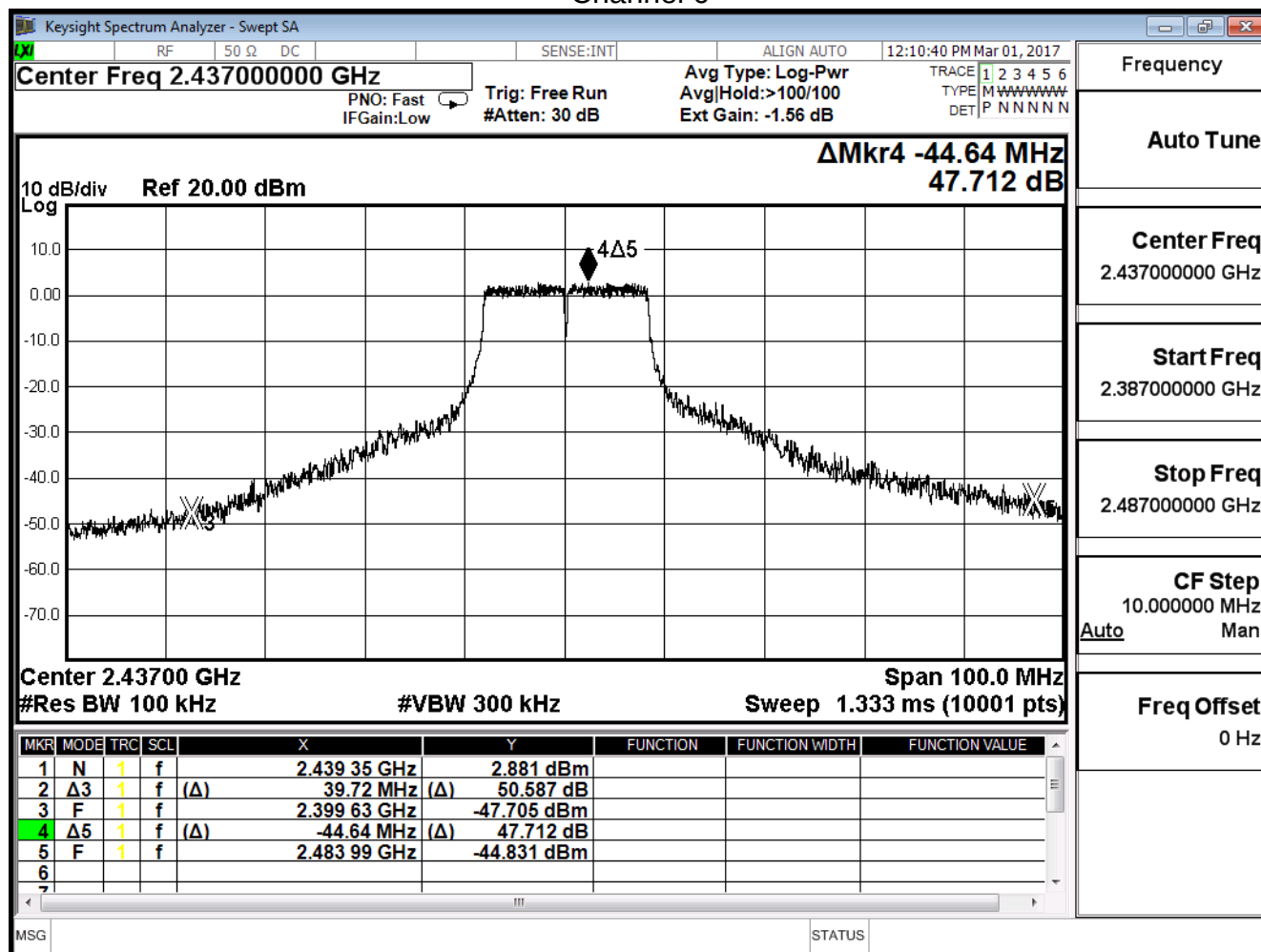
IEEE 802.11g (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	30.687	≥ 30	Pass
6	2437	47.712	≥ 30	Pass
11	2462	35.931	≥ 30	Pass

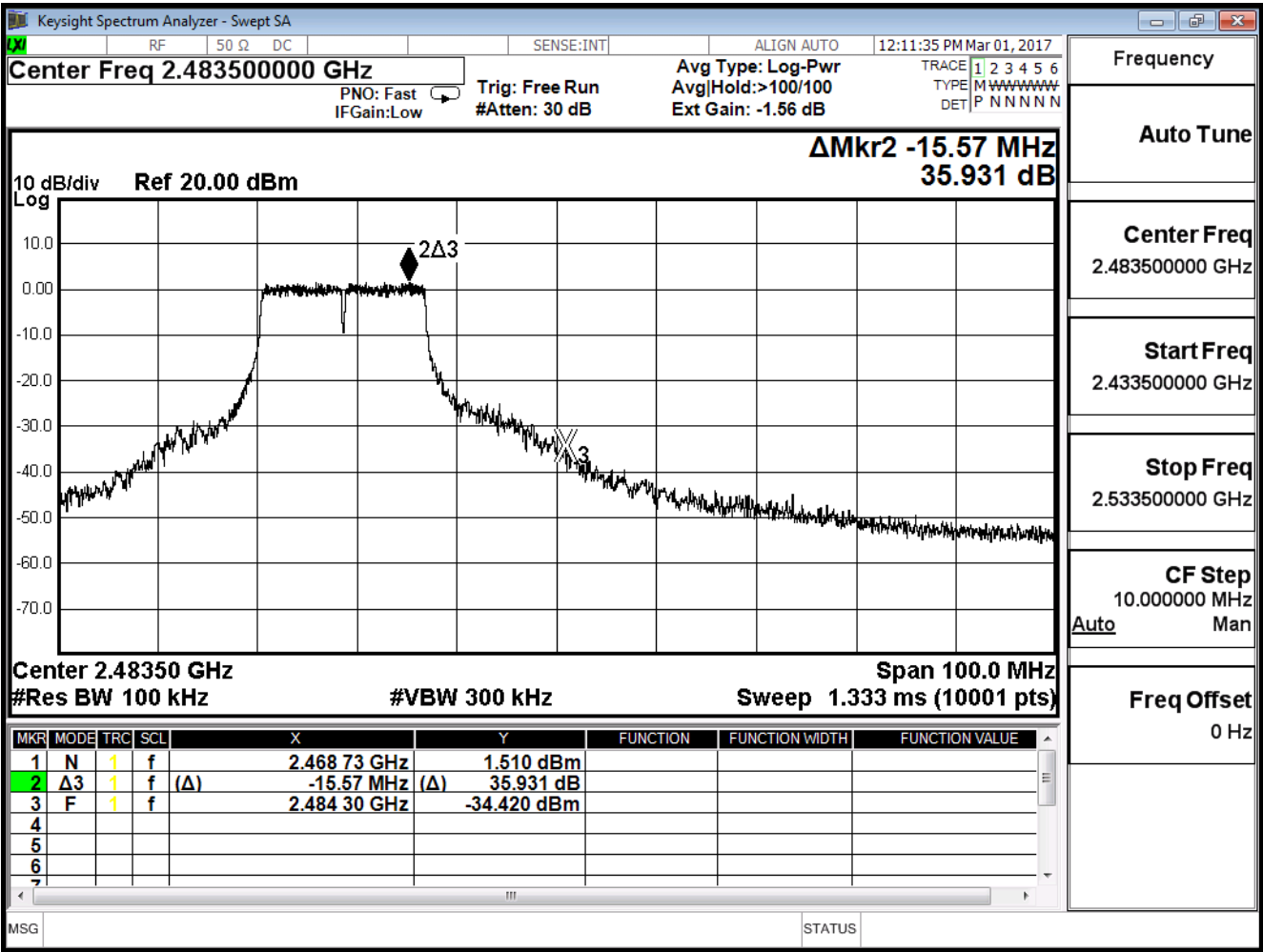
Channel 1



Channel 6



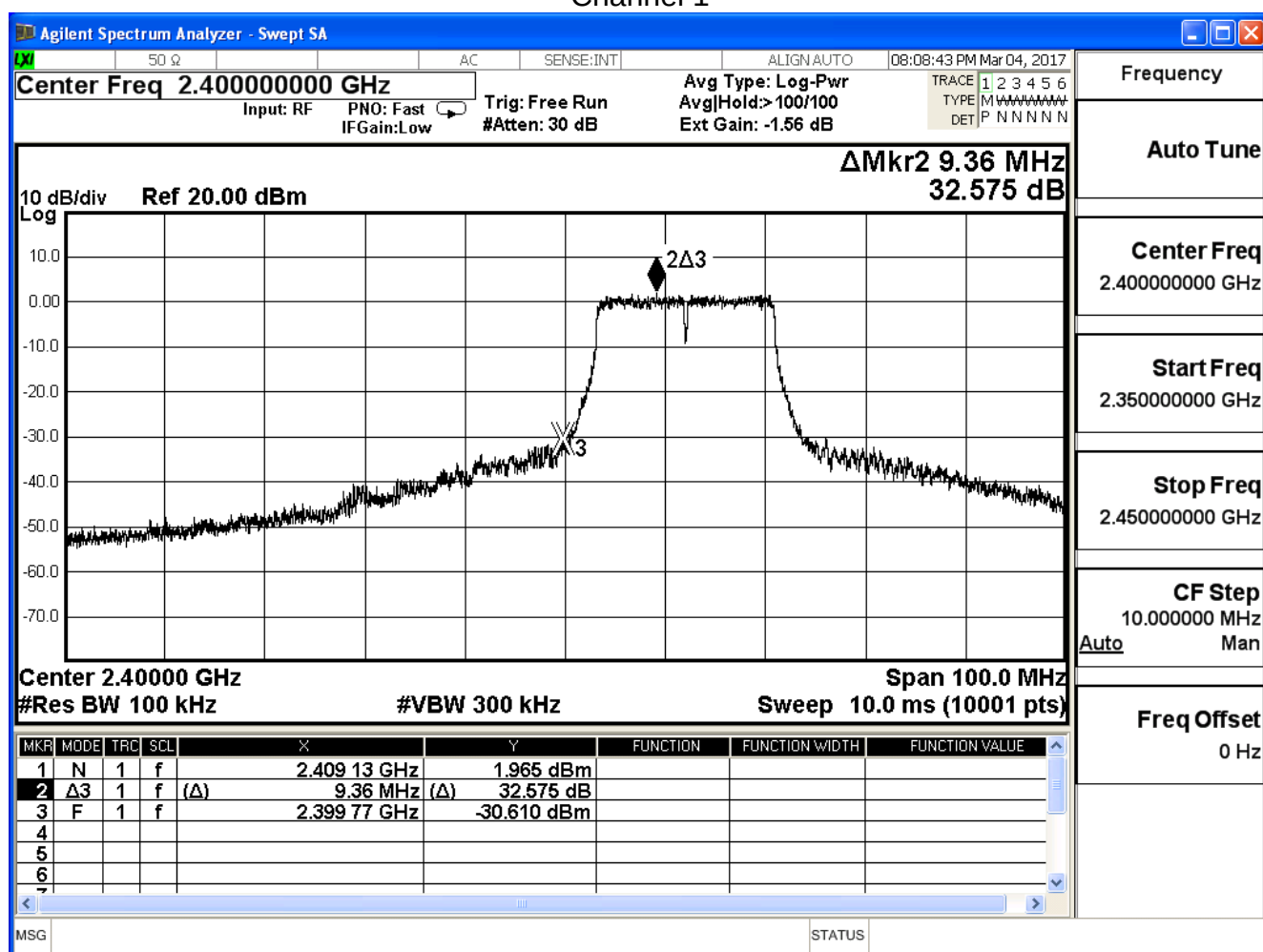
Channel 11



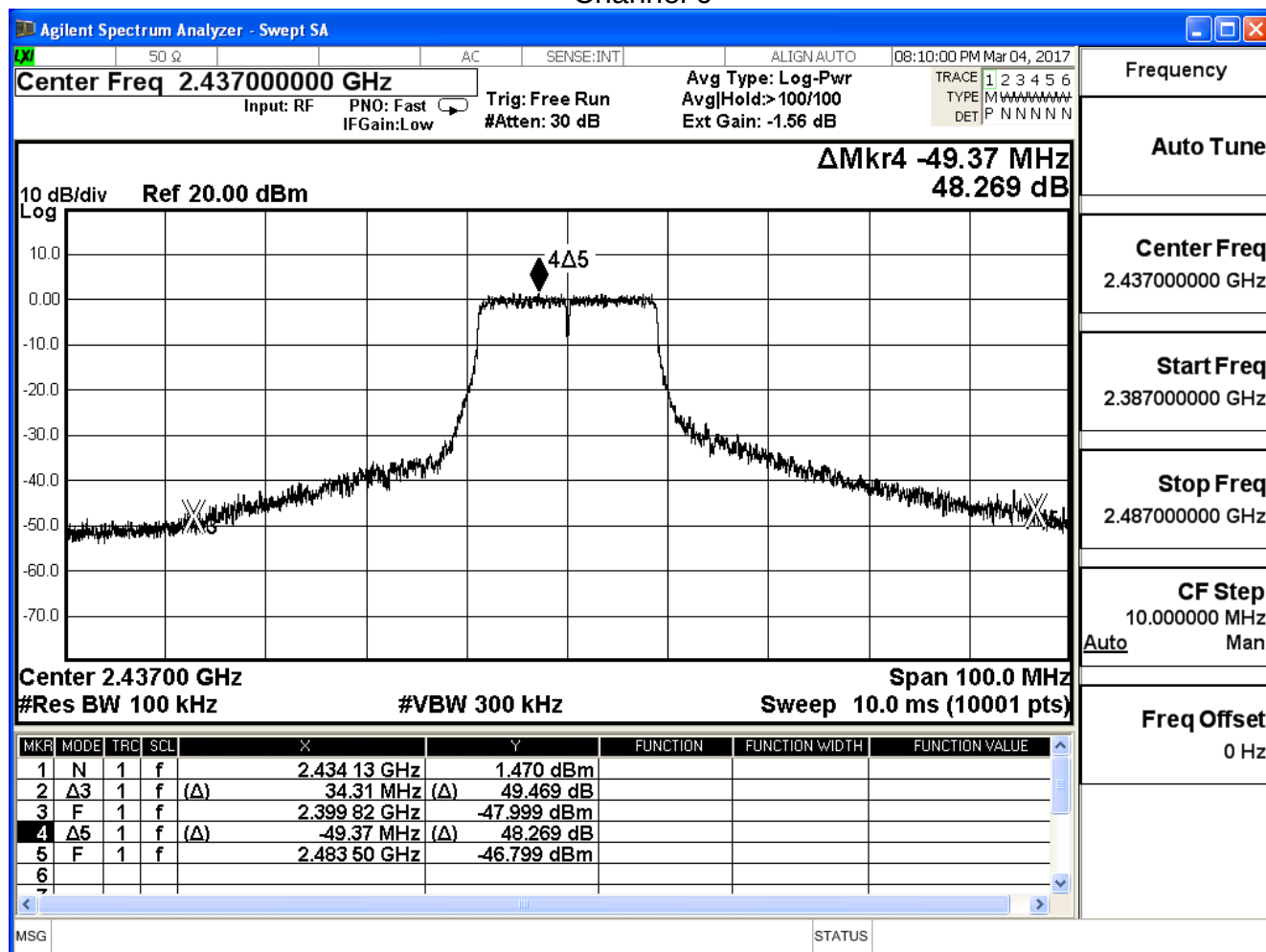
Product	HD 180 Degree Wi-Fi Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/04	Test Site	SR10-H

IEEE 802.11n_20M (ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	32.575	≥ 30	Pass
6	2437	48.269	≥ 30	Pass
11	2462	35.238	≥ 30	Pass

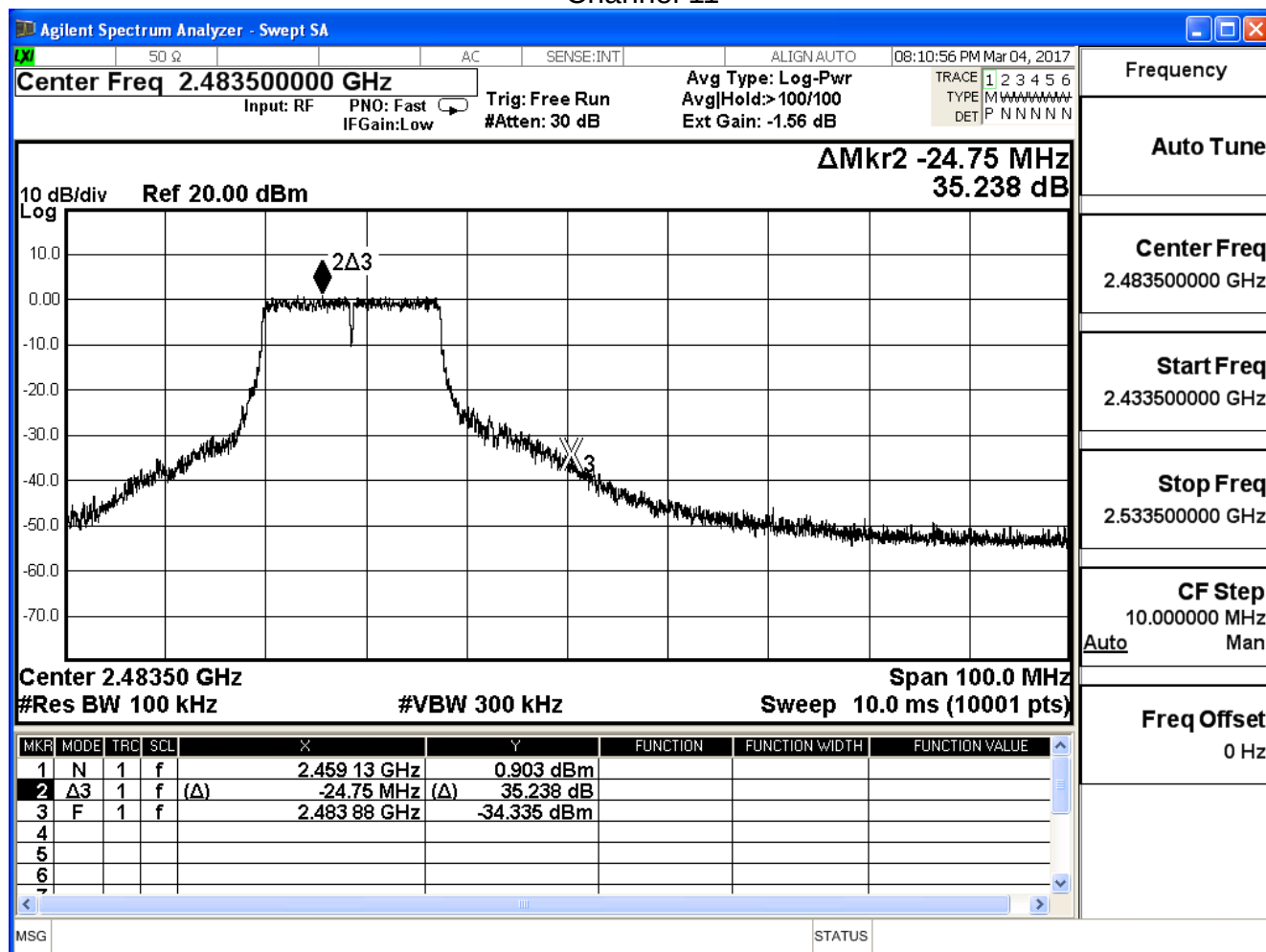
Channel 1



Channel 6

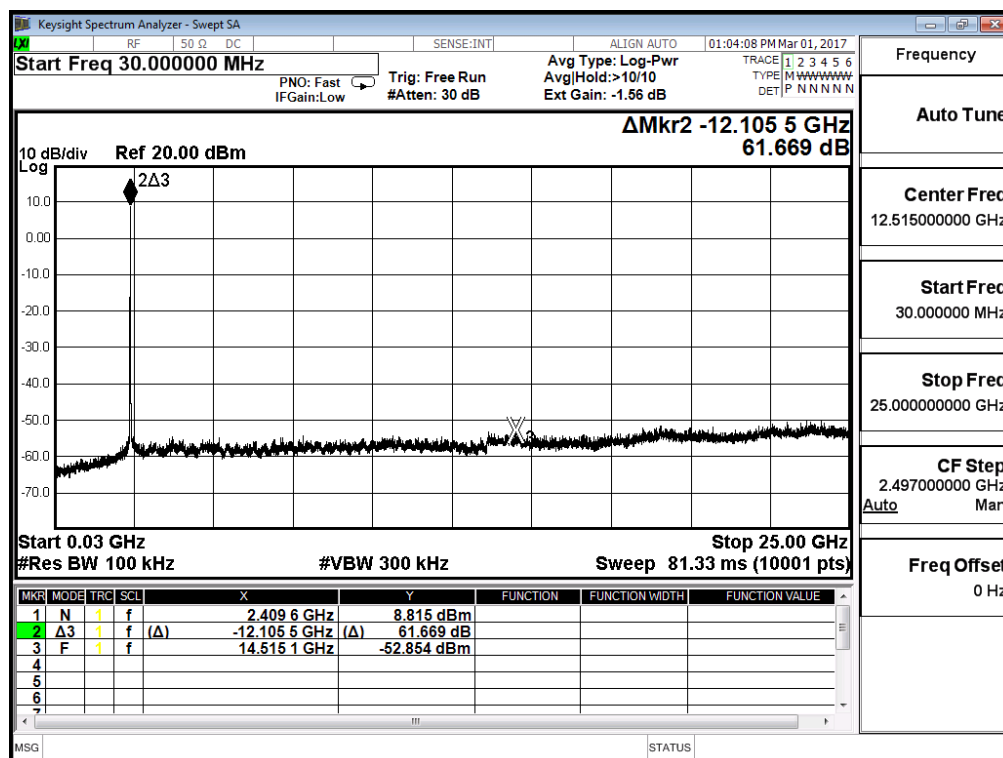


Channel 11

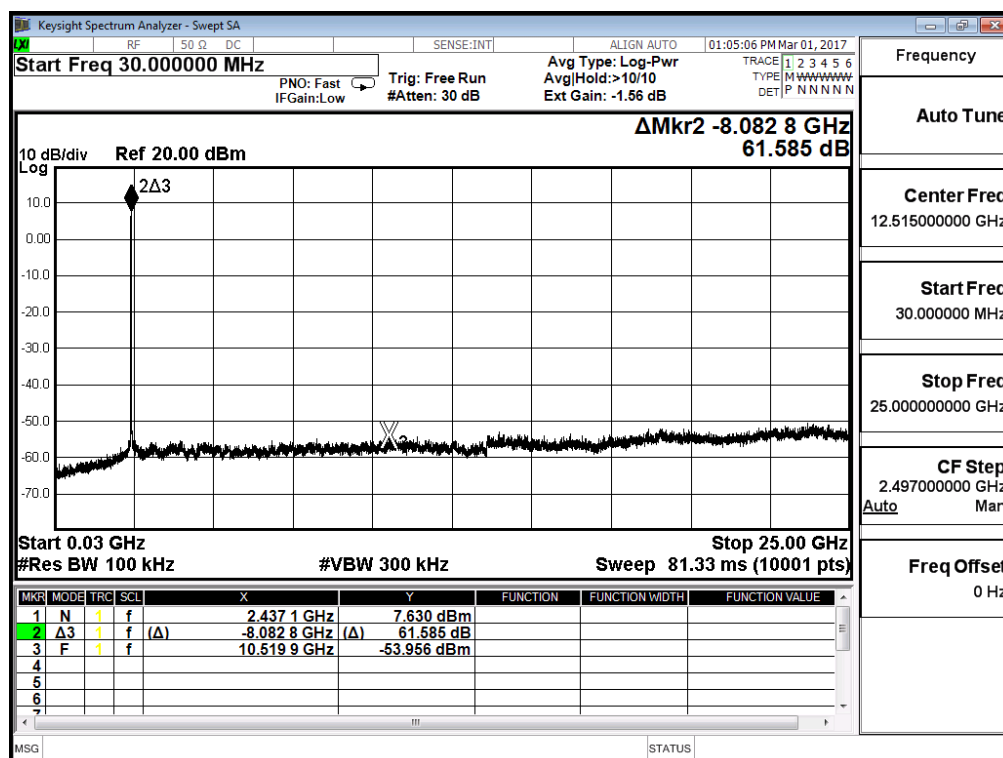


Product	HD 180 Degree Wi-Fi Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

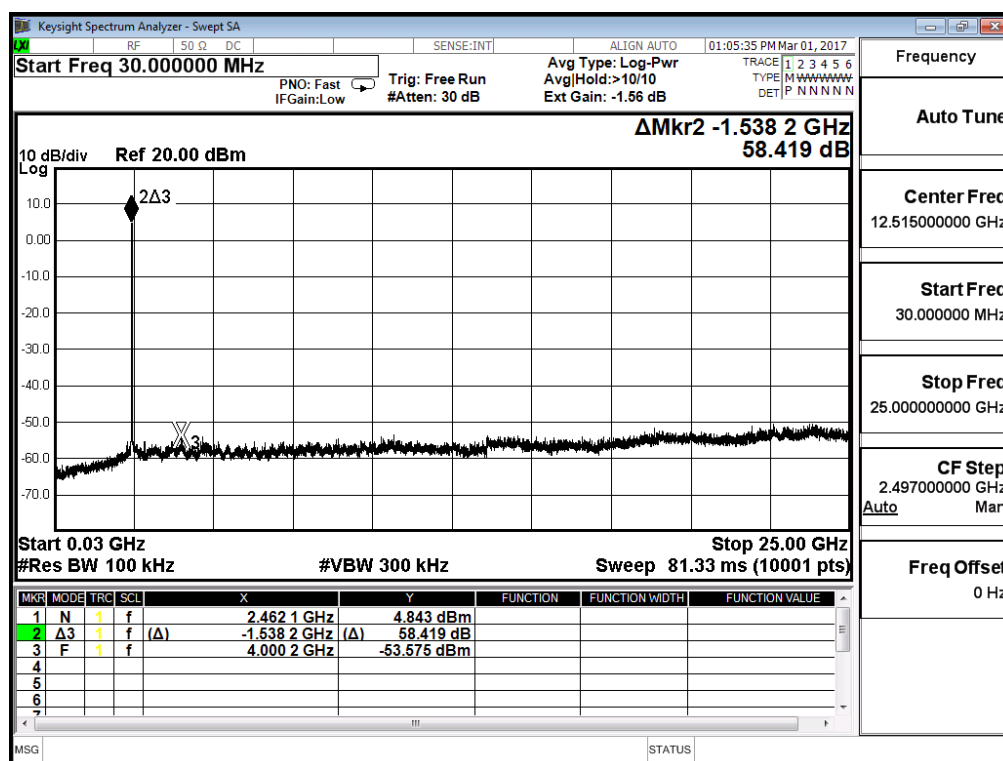
2412MHz (30MHz-25GHz)-802.11b (ANT 0)



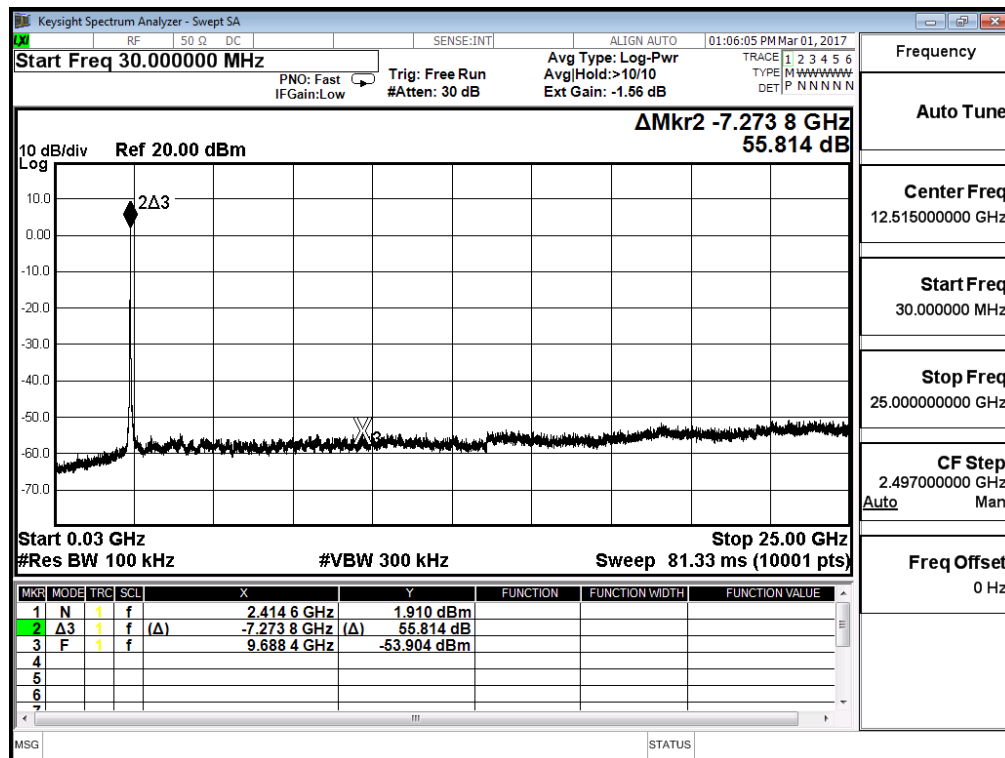
2437MHz (30MHz-25GHz)-802.11b (ANT 0)



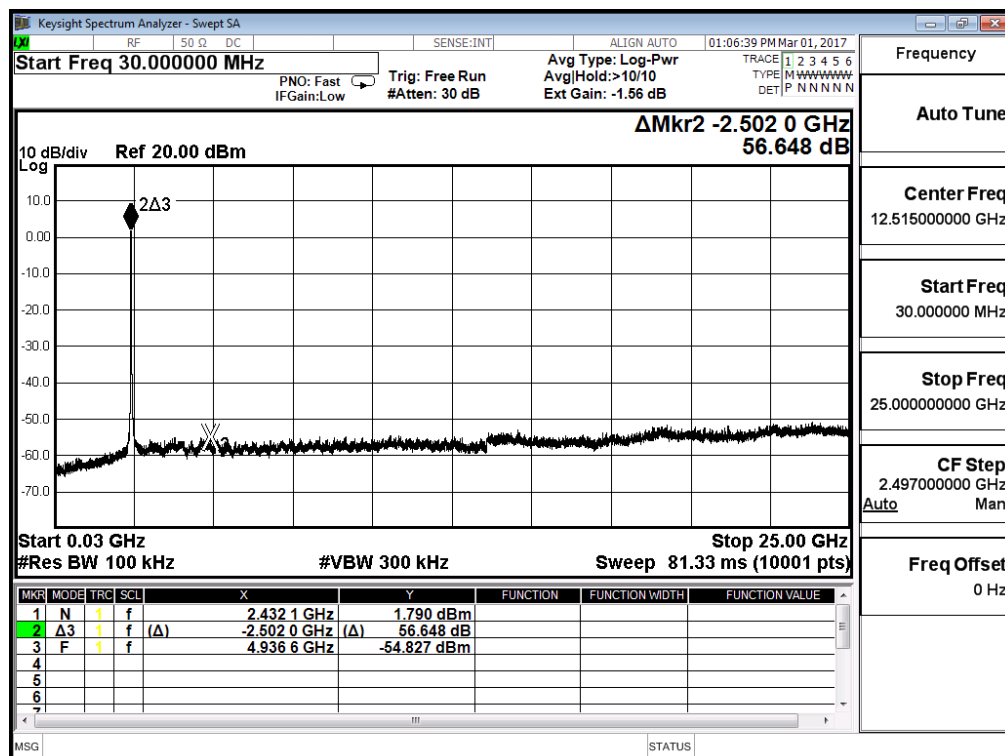
2462MHz (30MHz-25GHz)-802.11b (ANT 0)



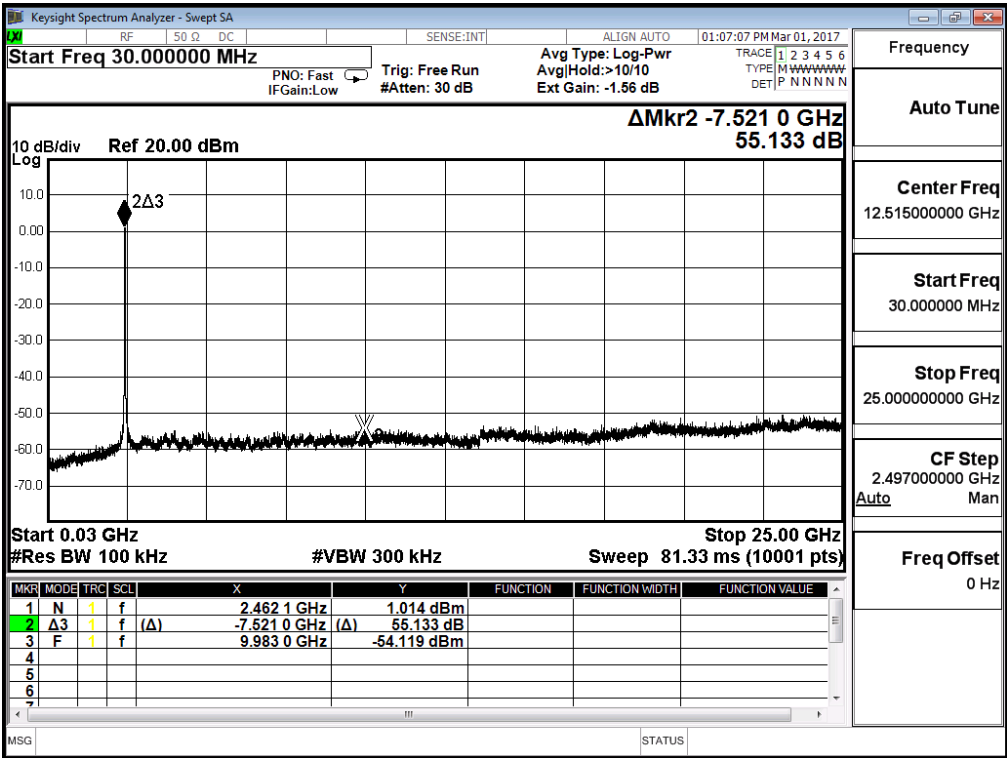
2412MHz (30MHz-25GHz)-802.11g (ANT 0)



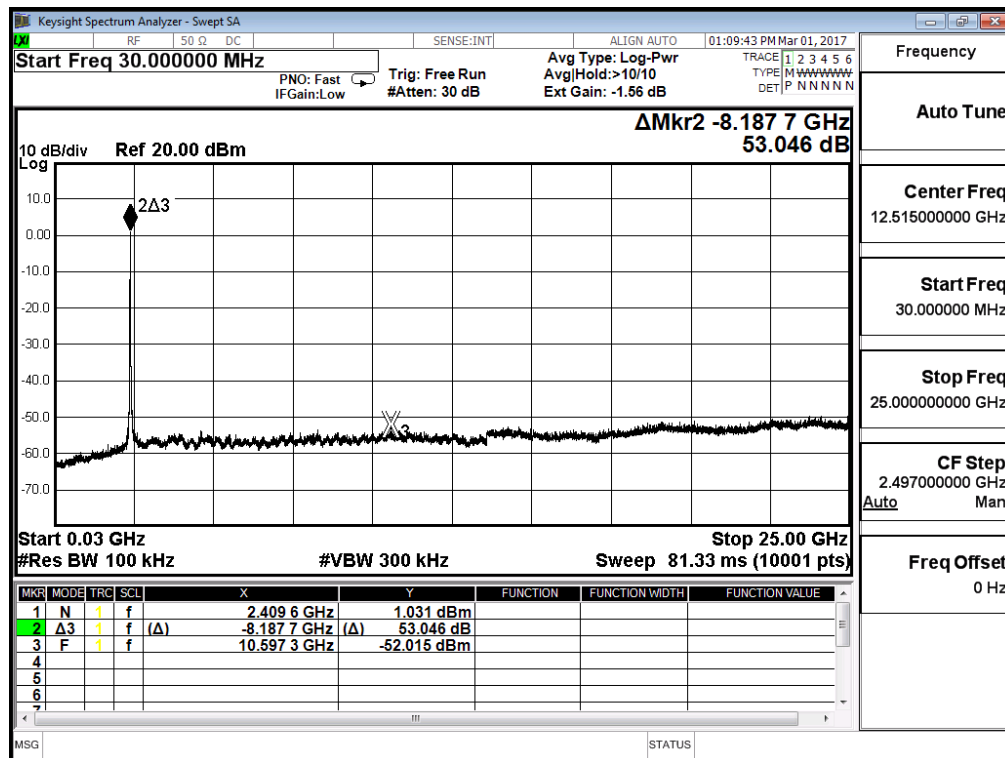
2437MHz (30MHz-25GHz)-802.11 g (ANT 0)



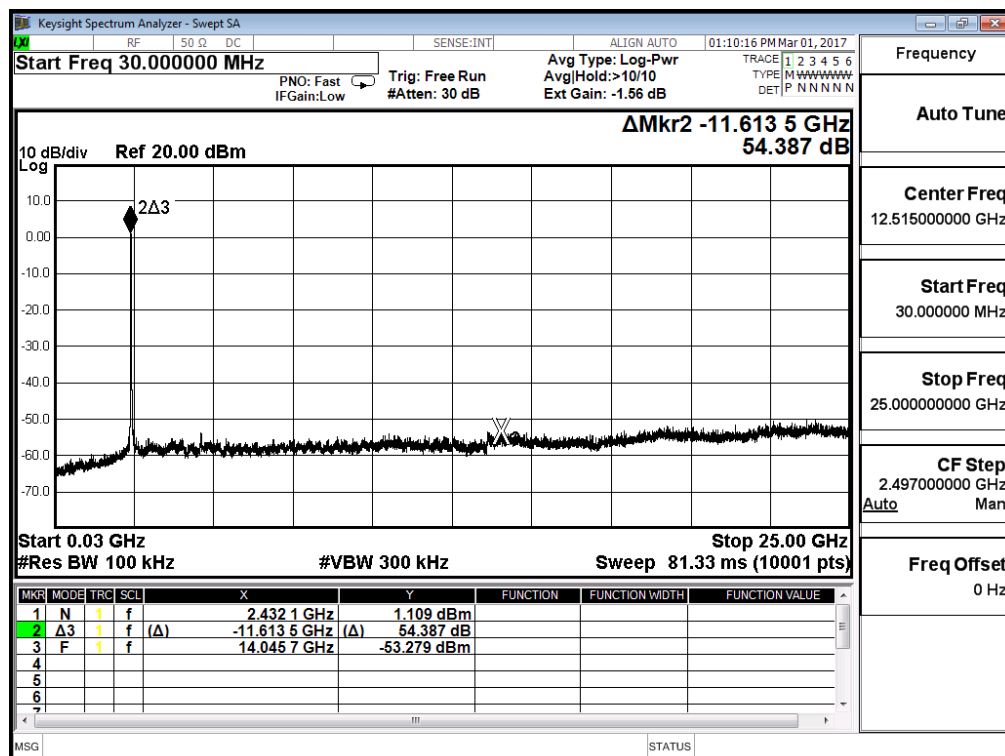
2462MHz (30MHz-25GHz)-802.11g (ANT 0)



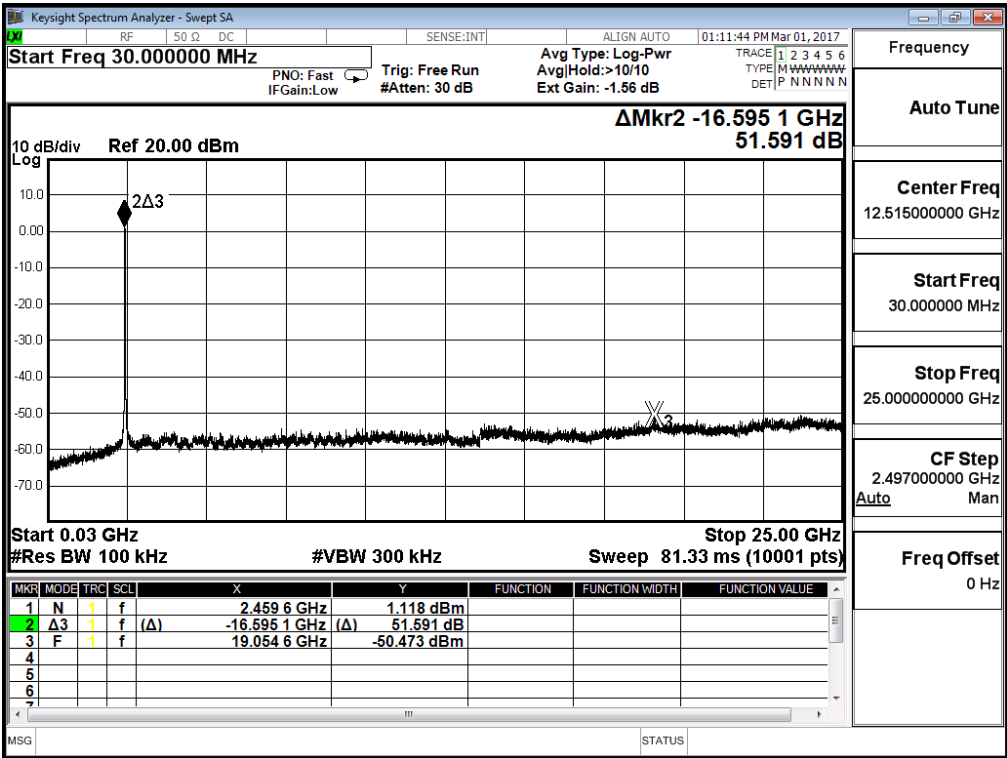
2412MHz (30MHz-25GHz)- IEEE802.11n 20MHz (ANT 0)



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



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



6. Band Edge

6.1. Test Equipment

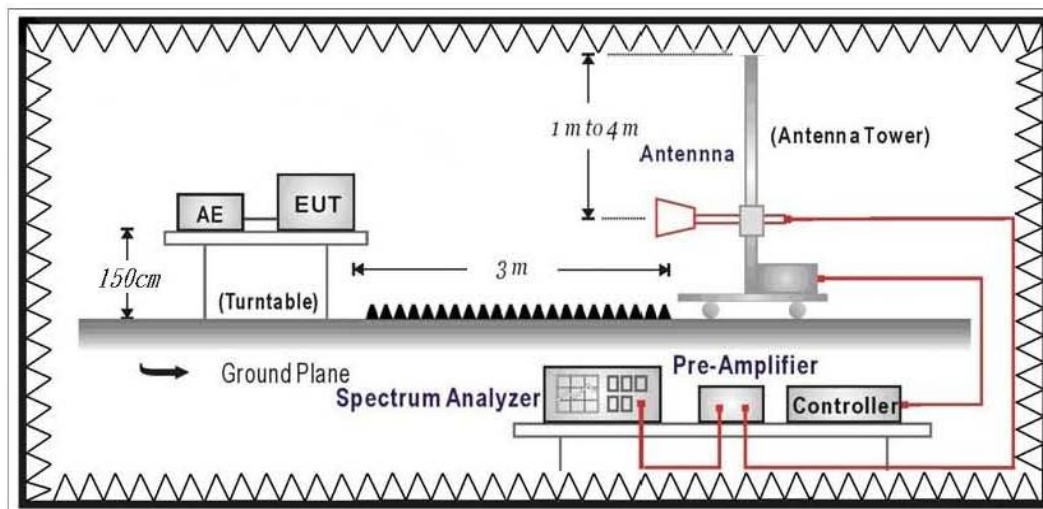
The following test equipments are used during the test:

Band Edge / CB4-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Horn Antenna	Schwarzbeck	BBHA 9120	D312	2017/10/25
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/22
Pre-Amplifier	EMCI	EMC01820I	980364	2018/03/28
Spectrum Analyzer	Agilent	E4440A	MY46187335	2017/12/21

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

6.2. Test Setup



6.3. Limits

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

6.4. Test Procedure

The EUT was setup according to ANSI C63.10:2013 and tested according to DTS test procedure of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements. The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.

6.5. Test Specification

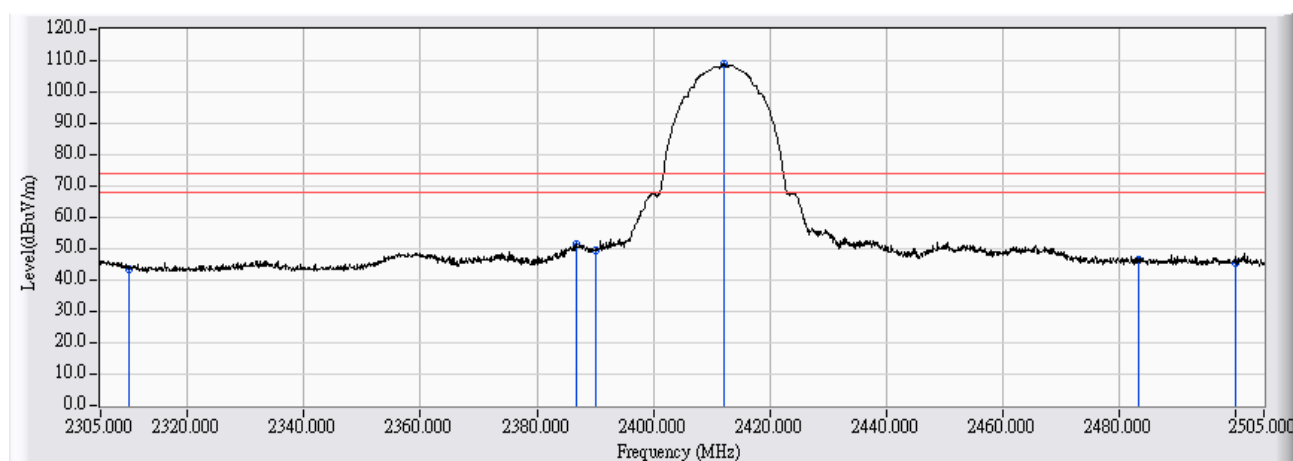
According to FCC Part 15 Subpart C Paragraph 15.247: 2015

6.6. Uncertainty

The measurement uncertainty
 ± 3.9 dB above 1GHz

6.7. Test Result

Site : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2412MHz

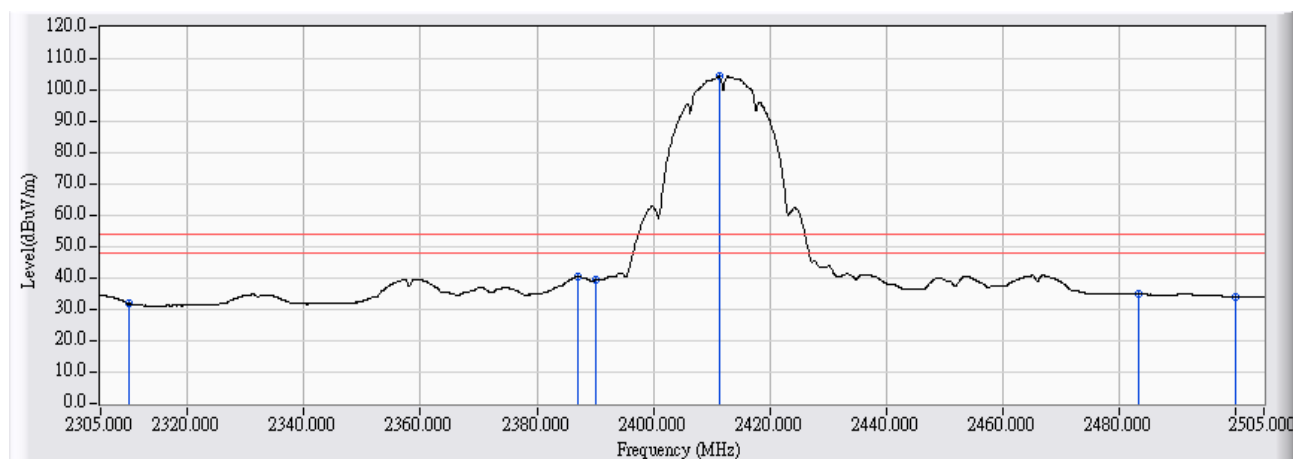


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	30.163	43.509	-30.491	74.000	PEAK
2		2386.800	13.820	37.451	51.271	-22.729	74.000	PEAK
3		2390.000	13.840	35.567	49.407	-24.593	74.000	PEAK
4	*	2412.100	13.976	94.997	108.974	34.974	74.000	PEAK
5		2483.500	14.417	32.310	46.728	-27.272	74.000	PEAK
6		2500.000	14.518	31.033	45.552	-28.448	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2412MHz

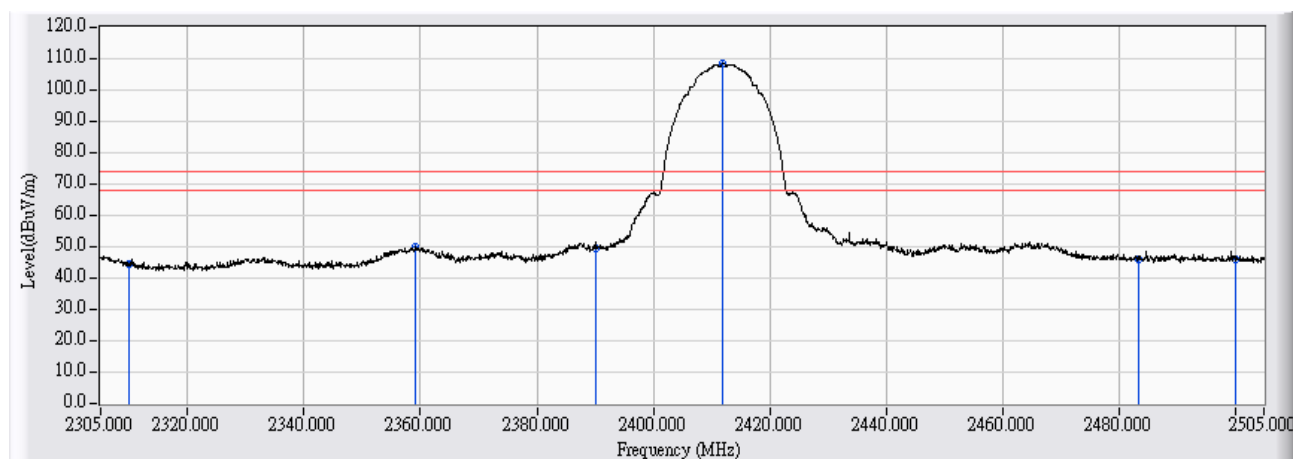


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	18.419	31.765	-22.235	54.000	AVERAGE
2		2387.100	13.822	26.686	40.508	-13.492	54.000	AVERAGE
3		2390.000	13.840	25.617	39.457	-14.543	54.000	AVERAGE
4	*	2411.300	13.972	90.415	104.387	50.387	54.000	AVERAGE
5		2483.500	14.417	20.481	34.899	-19.101	54.000	AVERAGE
6		2500.000	14.518	19.517	34.036	-19.964	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2412MHz

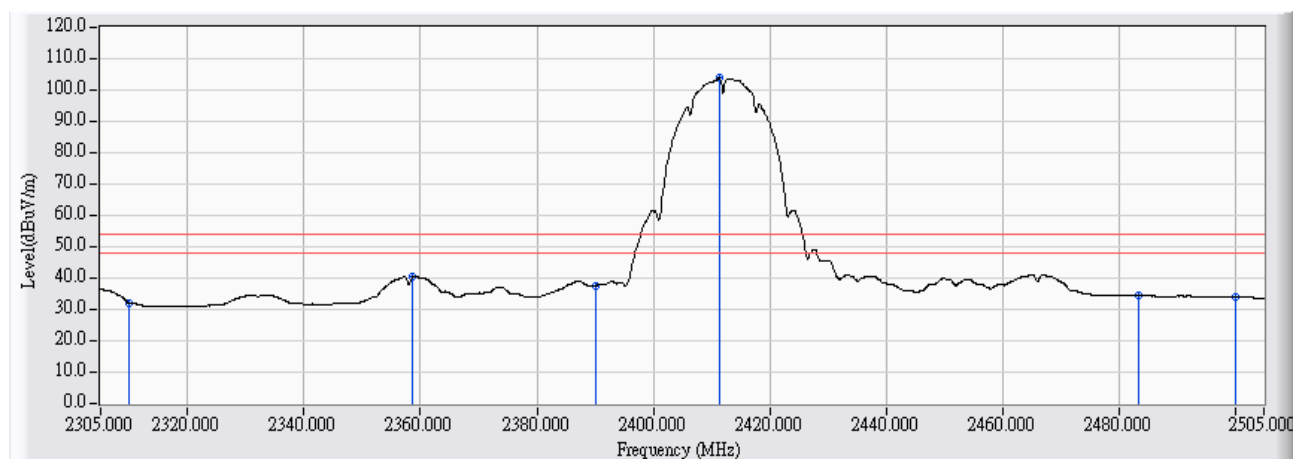


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	30.977	44.323	-29.677	74.000	PEAK
2	2359.200	13.649	36.207	49.857	-24.143	74.000	PEAK
3	2390.000	13.840	35.724	49.564	-24.436	74.000	PEAK
4	* 2412.000	13.976	94.715	108.691	34.691	74.000	PEAK
5	2483.500	14.417	31.350	45.768	-28.232	74.000	PEAK
6	2500.000	14.518	31.373	45.892	-28.108	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.

Site : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2412MHz

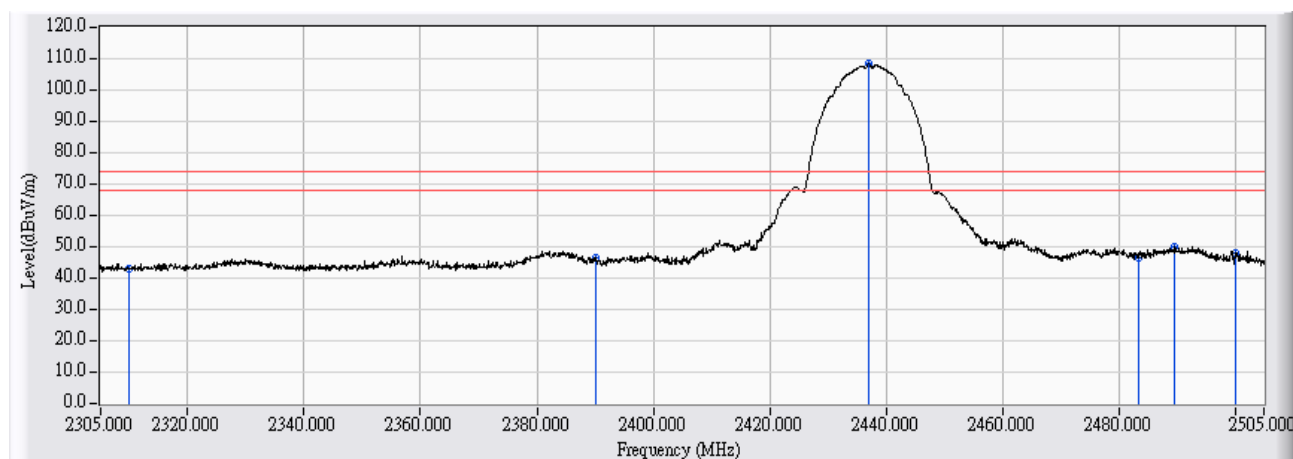


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	18.751	32.097	-21.903	54.000	AVERAGE
2		2358.700	13.647	26.687	40.334	-13.666	54.000	AVERAGE
3		2390.000	13.840	23.722	37.562	-16.438	54.000	AVERAGE
4	*	2411.300	13.972	89.802	103.774	49.774	54.000	AVERAGE
5		2483.500	14.417	19.947	34.365	-19.635	54.000	AVERAGE
6		2500.000	14.518	19.307	33.826	-20.174	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

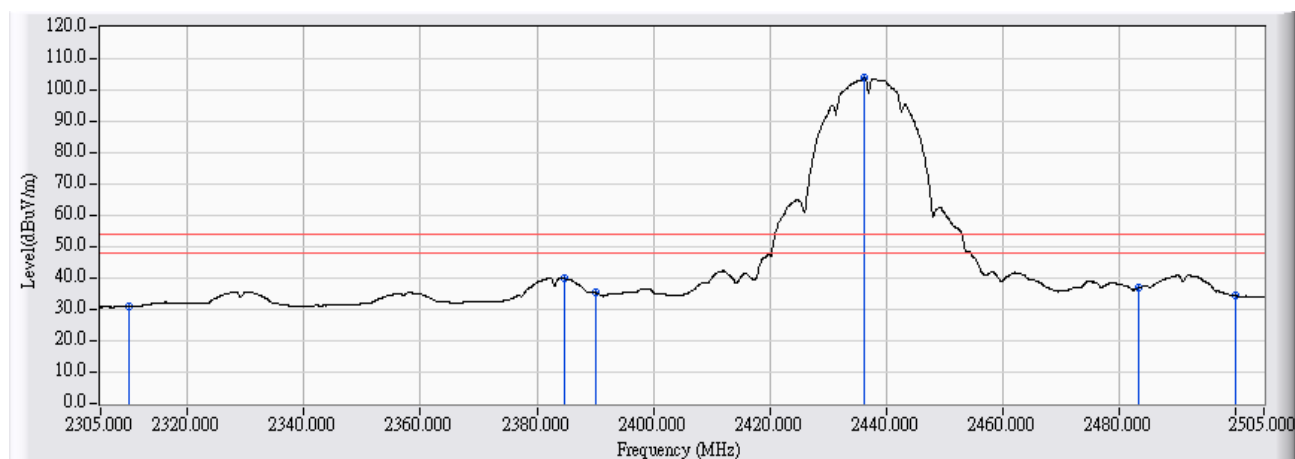


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	29.704	43.050	-30.950	74.000	PEAK
2	2390.000	13.840	32.502	46.342	-27.658	74.000	PEAK
3	* 2437.100	14.131	94.237	108.368	34.368	74.000	PEAK
4	2483.500	14.417	32.189	46.607	-27.393	74.000	PEAK
5	2489.700	14.456	35.312	49.768	-24.232	74.000	PEAK
6	2500.000	14.518	33.566	48.085	-25.915	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

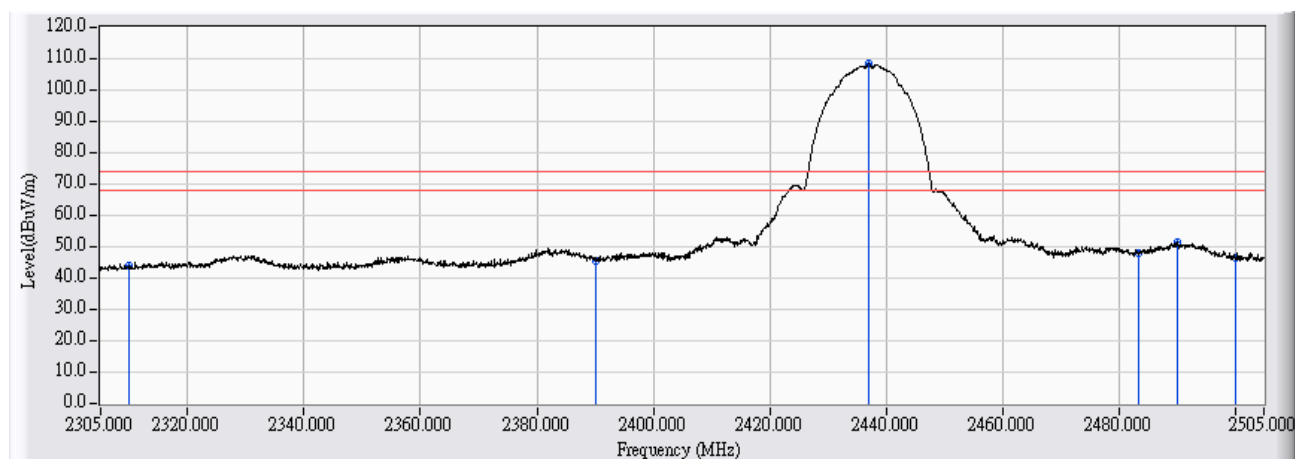


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	17.586	30.932	-23.068	54.000	AVERAGE
2		2384.700	13.807	25.988	39.795	-14.205	54.000	AVERAGE
3		2390.000	13.840	21.546	35.386	-18.614	54.000	AVERAGE
4	*	2436.300	14.126	89.713	103.839	49.839	54.000	AVERAGE
5		2483.500	14.417	22.436	36.854	-17.146	54.000	AVERAGE
6		2500.000	14.518	19.824	34.343	-19.657	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

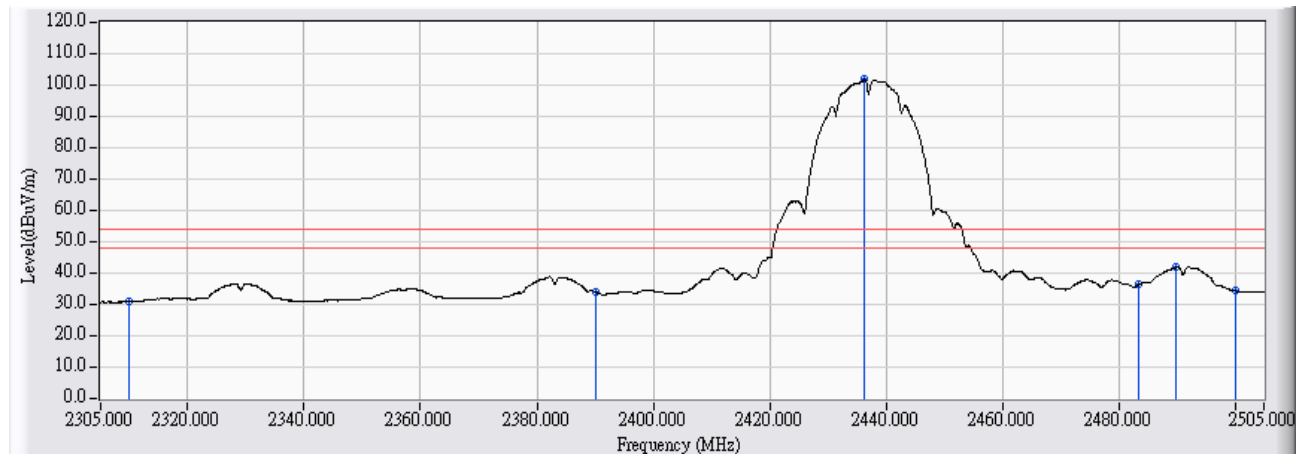


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	30.651	43.997	-30.003	74.000	PEAK
2	2390.000	13.840	31.898	45.738	-28.262	74.000	PEAK
3	* 2437.100	14.131	94.194	108.325	34.325	74.000	PEAK
4	2483.500	14.417	33.458	47.876	-26.124	74.000	PEAK
5	2490.100	14.458	37.000	51.459	-22.541	74.000	PEAK
6	2500.000	14.518	32.033	46.552	-27.448	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2437MHz

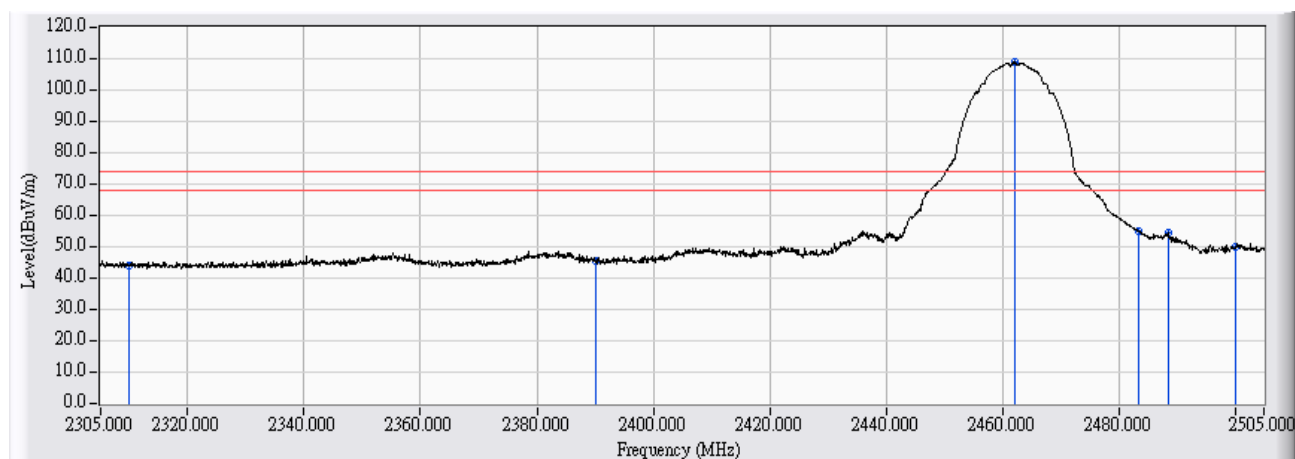


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	17.487	30.833	-23.167	54.000	AVERAGE
2	2390.000	13.840	20.308	34.148	-19.852	54.000	AVERAGE
3	* 2436.300	14.126	87.658	101.784	47.784	54.000	AVERAGE
4	2483.500	14.417	21.889	36.307	-17.693	54.000	AVERAGE
5	2489.900	14.458	27.338	41.796	-12.204	54.000	AVERAGE
6	2500.000	14.518	19.745	34.264	-19.736	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 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	13.346	30.447	43.793	-30.207	74.000	PEAK
2	2390.000	13.840	31.706	45.546	-28.454	74.000	PEAK
3	* 2462.100	14.285	94.749	109.035	35.035	74.000	PEAK
4	2483.500	14.417	40.465	54.883	-19.117	74.000	PEAK
5	2488.500	14.449	40.058	54.507	-19.493	74.000	PEAK
6	2500.000	14.518	35.412	49.931	-24.069	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2462MHz

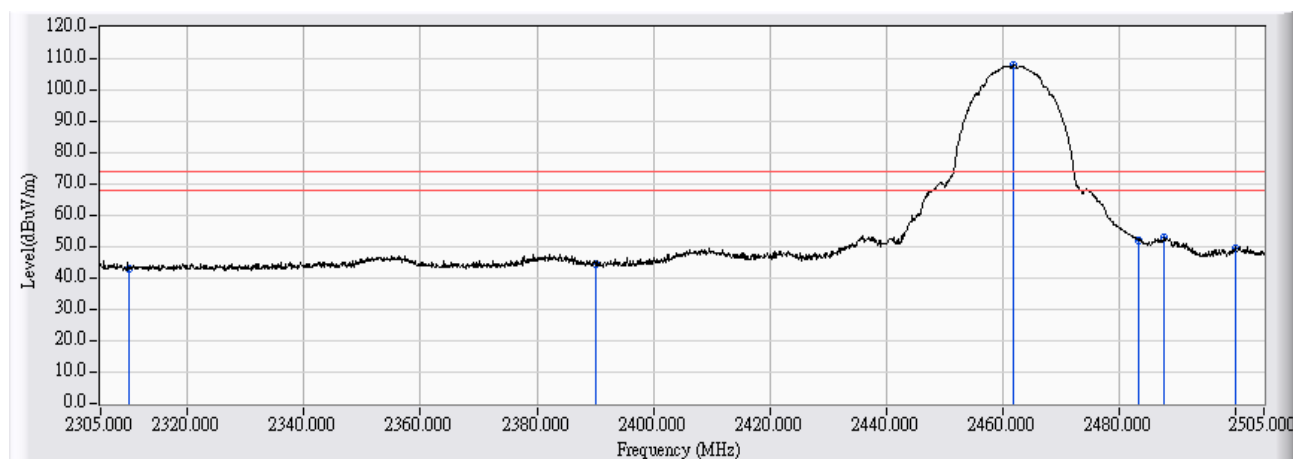


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	18.149	31.495	-22.505	54.000	AVERAGE
2	2390.000	13.840	19.570	33.410	-20.590	54.000	AVERAGE
3	* 2461.300	14.281	90.970	105.251	51.251	54.000	AVERAGE
4	2483.500	14.417	28.706	43.124	-10.876	54.000	AVERAGE
5	2487.700	14.443	29.310	43.754	-10.246	54.000	AVERAGE
6	2500.000	14.518	25.140	39.659	-14.341	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 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	13.346	29.890	43.236	-30.764	74.000	PEAK
2	2390.000	13.840	30.820	44.660	-29.340	74.000	PEAK
3	* 2462.000	14.285	93.925	108.210	34.210	74.000	PEAK
4	2483.500	14.417	37.730	52.148	-21.852	74.000	PEAK
5	2487.800	14.445	38.527	52.972	-21.028	74.000	PEAK
6	2500.000	14.518	34.922	49.441	-24.559	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11b_2462MHz

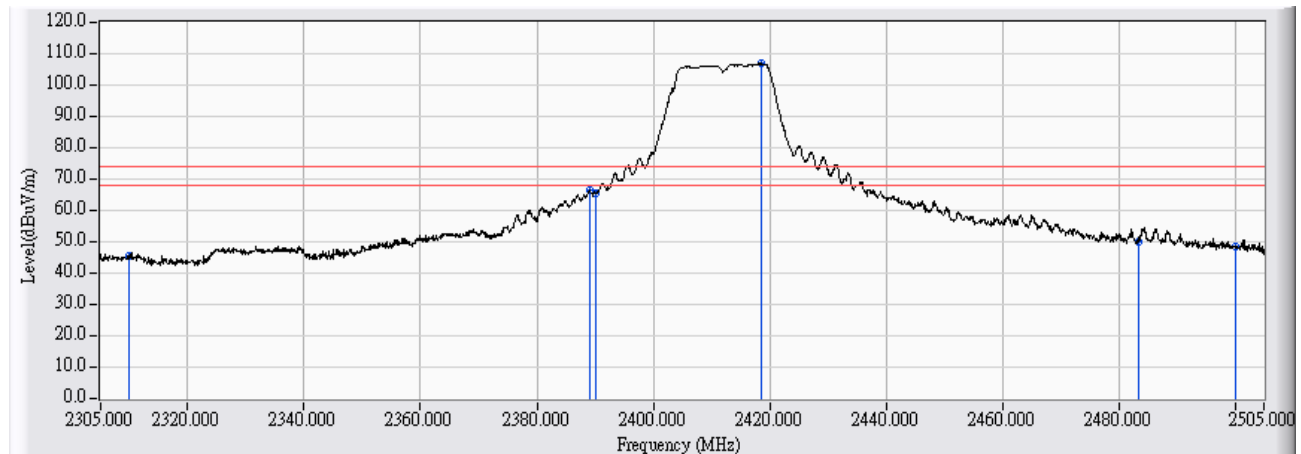


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	17.327	30.673	-23.327	54.000	AVERAGE
2	2390.000	13.840	18.119	31.959	-22.041	54.000	AVERAGE
3	* 2461.300	14.281	87.710	101.991	47.991	54.000	AVERAGE
4	2483.500	14.417	25.659	40.077	-13.923	54.000	AVERAGE
5	2487.200	14.440	26.703	41.144	-12.856	54.000	AVERAGE
6	2500.000	14.518	23.053	37.572	-16.428	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2412MHz

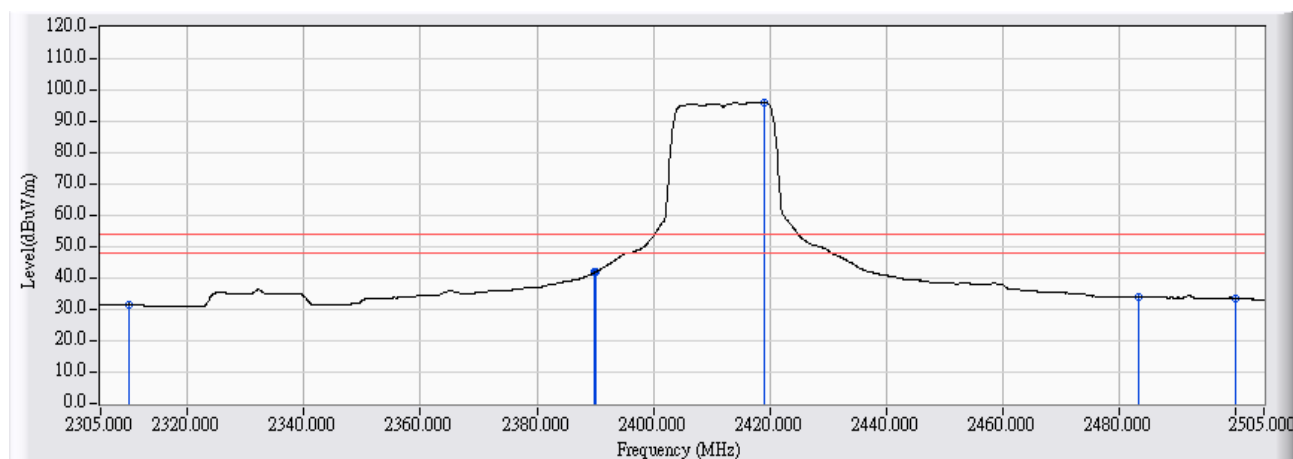


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	32.020	45.366	-28.634	74.000	PEAK
2		2389.000	13.835	52.458	66.292	-7.708	74.000	PEAK
3		2390.000	13.840	51.630	65.470	-8.530	74.000	PEAK
4	*	2418.700	14.017	92.787	106.805	32.805	74.000	PEAK
5		2483.500	14.417	35.414	49.832	-24.168	74.000	PEAK
6		2500.000	14.518	33.900	48.419	-25.581	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2412MHz

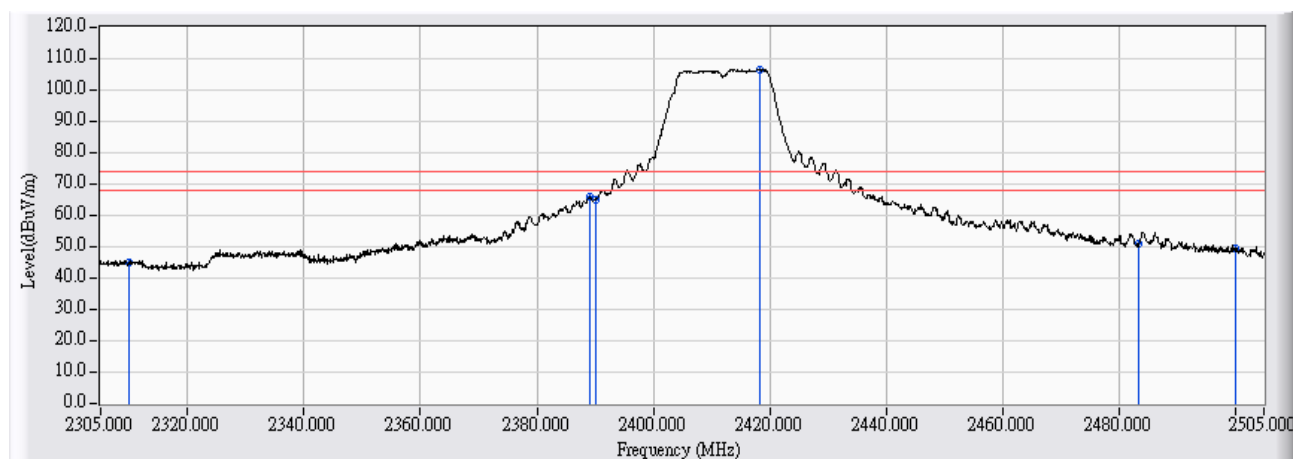


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	18.341	31.687	-22.313	54.000	AVERAGE
2		2389.900	13.840	27.921	41.761	-12.239	54.000	AVERAGE
3		2390.000	13.840	28.030	41.870	-12.130	54.000	AVERAGE
4	*	2419.100	14.020	82.126	96.146	42.146	54.000	AVERAGE
5		2483.500	14.417	19.423	33.841	-20.159	54.000	AVERAGE
6		2500.000	14.518	19.140	33.659	-20.341	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2412MHz

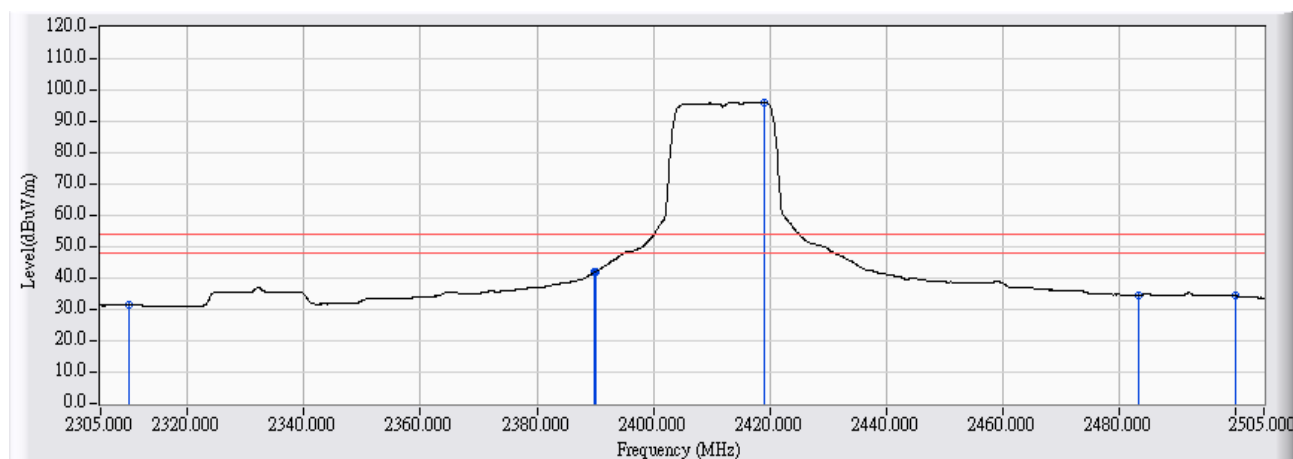


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	31.574	44.920	-29.080	74.000	PEAK
2		2389.000	13.835	52.153	65.987	-8.013	74.000	PEAK
3		2390.000	13.840	51.176	65.016	-8.984	74.000	PEAK
4	*	2418.300	14.015	92.557	106.572	32.572	74.000	PEAK
5		2483.500	14.417	36.586	51.004	-22.996	74.000	PEAK
6		2500.000	14.518	34.792	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.

Site : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2412MHz

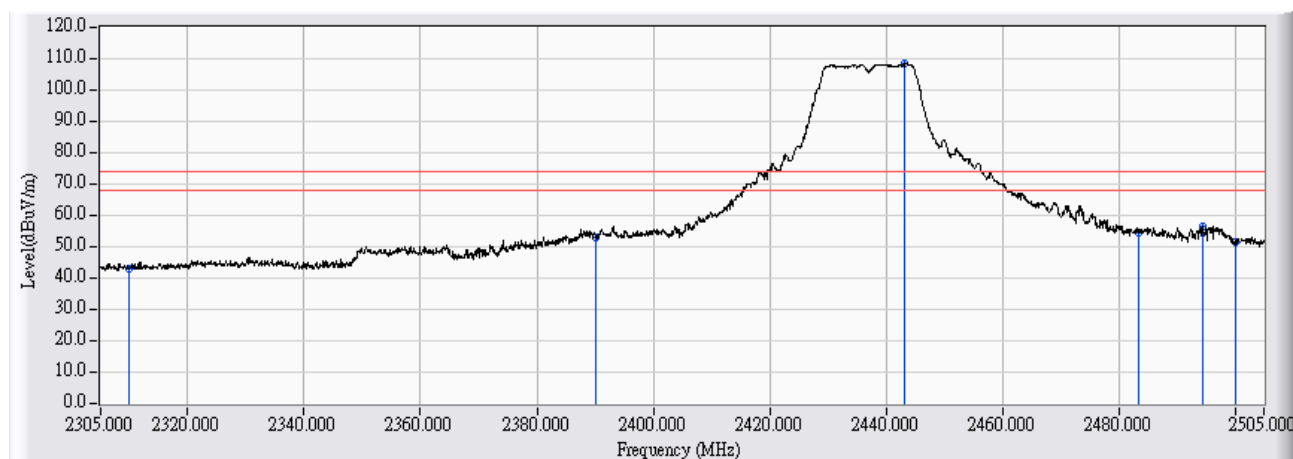


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	18.047	31.393	-22.607	54.000	AVERAGE
2		2389.900	13.840	28.018	41.858	-12.142	54.000	AVERAGE
3		2390.000	13.840	28.080	41.920	-12.080	54.000	AVERAGE
4	*	2419.000	14.020	82.104	96.123	42.123	54.000	AVERAGE
5		2483.500	14.417	20.148	34.566	-19.434	54.000	AVERAGE
6		2500.000	14.518	19.782	34.301	-19.699	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

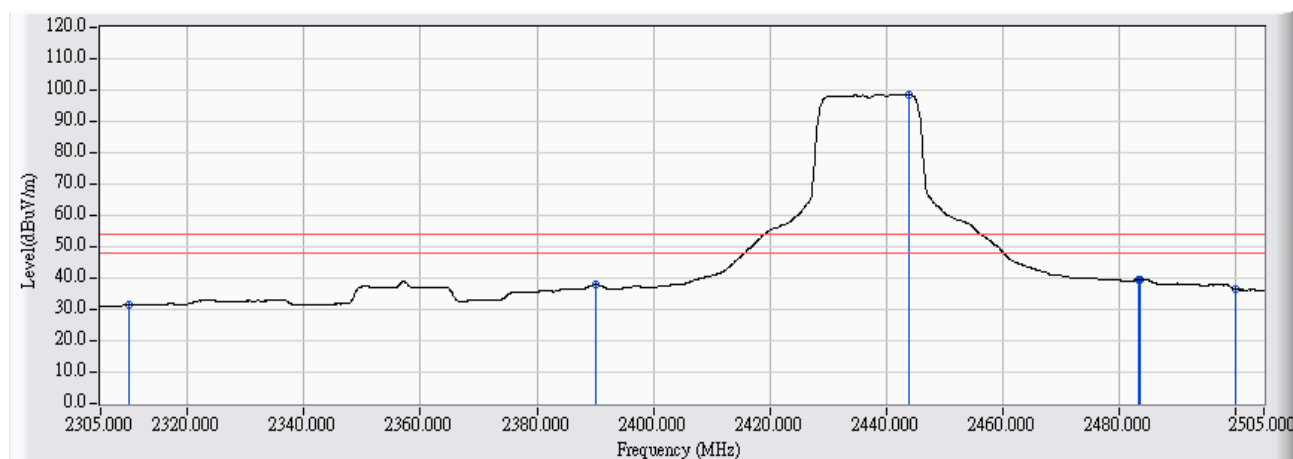


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	29.505	42.851	-31.149	74.000	PEAK
2	2390.000	13.840	39.365	53.205	-20.795	74.000	PEAK
3	* 2443.200	14.170	94.241	108.410	34.410	74.000	PEAK
4	2483.500	14.417	39.905	54.323	-19.677	74.000	PEAK
5	2494.400	14.486	41.933	56.418	-17.582	74.000	PEAK
6	2500.000	14.518	37.062	51.581	-22.419	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

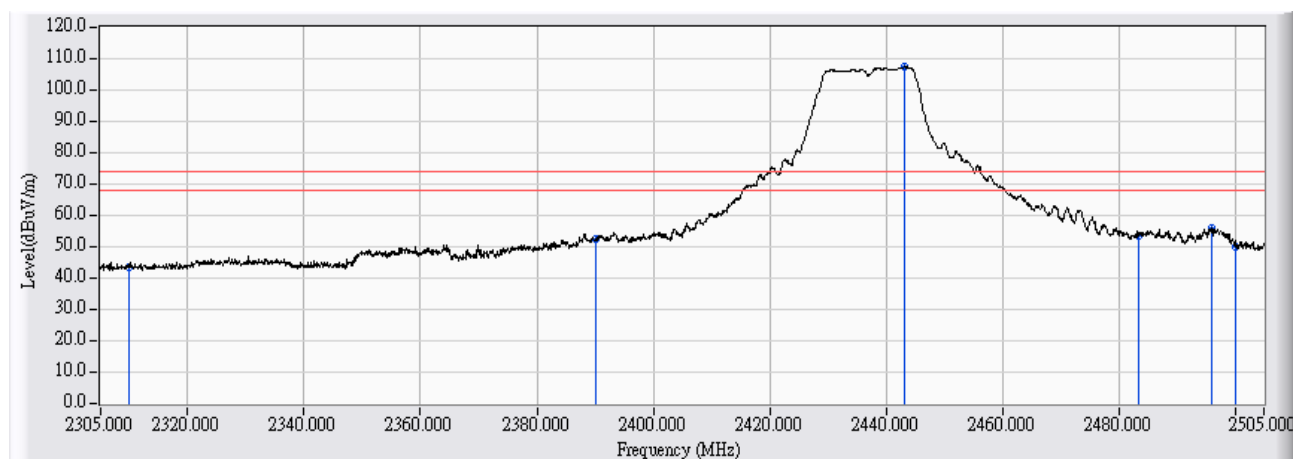


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	18.097	31.443	-22.557	54.000	AVERAGE
2	2390.000	13.840	23.932	37.772	-16.228	54.000	AVERAGE
3	* 2444.000	14.174	84.390	98.564	44.564	54.000	AVERAGE
4	2483.500	14.417	25.243	39.661	-14.339	54.000	AVERAGE
5	2483.600	14.419	25.258	39.677	-14.323	54.000	AVERAGE
6	2500.000	14.518	21.912	36.431	-17.569	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2437MHz

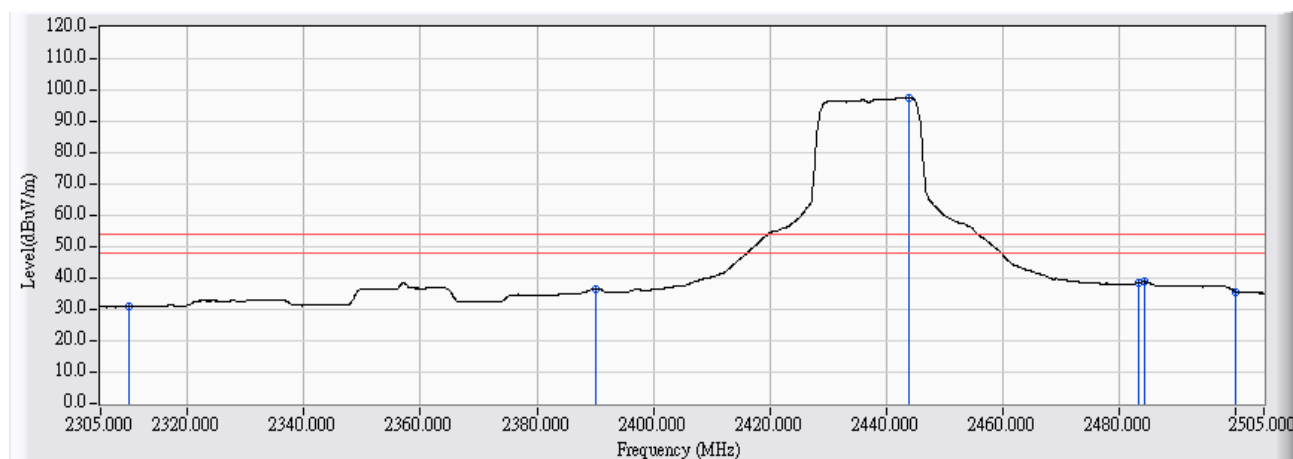


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	29.927	43.273	-30.727	74.000	PEAK
2	2390.000	13.840	38.625	52.465	-21.535	74.000	PEAK
3	* 2443.300	14.170	93.266	107.436	33.436	74.000	PEAK
4	2483.500	14.417	39.044	53.462	-20.538	74.000	PEAK
5	2496.000	14.495	41.712	56.207	-17.793	74.000	PEAK
6	2500.000	14.518	35.686	50.205	-23.795	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 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	13.346	17.692	31.038	-22.962	54.000	AVERAGE
2	2390.000	13.840	22.595	36.435	-17.565	54.000	AVERAGE
3	* 2444.000	14.174	83.393	97.567	43.567	54.000	AVERAGE
4	2483.500	14.417	24.203	38.621	-15.379	54.000	AVERAGE
5	2484.400	14.424	24.375	38.799	-15.201	54.000	AVERAGE
6	2500.000	14.518	21.194	35.713	-18.287	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 : CB4-H	Time : 2017/03/04
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 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	13.346	29.545	42.891	-31.109	74.000	PEAK
2	2390.000	13.840	36.741	50.581	-23.419	74.000	PEAK
3	* 2468.300	14.324	92.613	106.937	32.937	74.000	PEAK
4	2483.500	14.417	55.699	70.117	-3.883	74.000	PEAK
5	2483.600	14.419	55.354	69.773	-4.227	74.000	PEAK
6	2500.000	14.518	42.104	56.623	-17.377	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 : CB4-H	Time : 2017/03/04
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 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	13.346	17.438	30.784	-23.216	54.000	AVERAGE
2	2390.000	13.840	25.830	39.670	-14.330	54.000	AVERAGE
3	* 2455.100	14.243	81.766	96.009	42.009	54.000	AVERAGE
4	2483.500	14.417	33.269	47.687	-6.313	54.000	AVERAGE
5	2483.600	14.419	33.101	47.520	-6.480	54.000	AVERAGE
6	2500.000	14.518	22.404	36.923	-17.077	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 : CB4-H	Time : 2017/03/04
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 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	13.346	29.434	42.780	-31.220	74.000	PEAK
2	2390.000	13.840	34.272	48.112	-25.888	74.000	PEAK
3	* 2468.300	14.324	90.735	105.059	31.059	74.000	PEAK
4	2483.500	14.417	54.075	68.493	-5.507	74.000	PEAK
5	2483.600	14.419	53.584	68.003	-5.997	74.000	PEAK
6	2500.000	14.518	41.035	55.554	-18.446	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 : CB4-H	Time : 2017/03/04
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11g_2462MHz

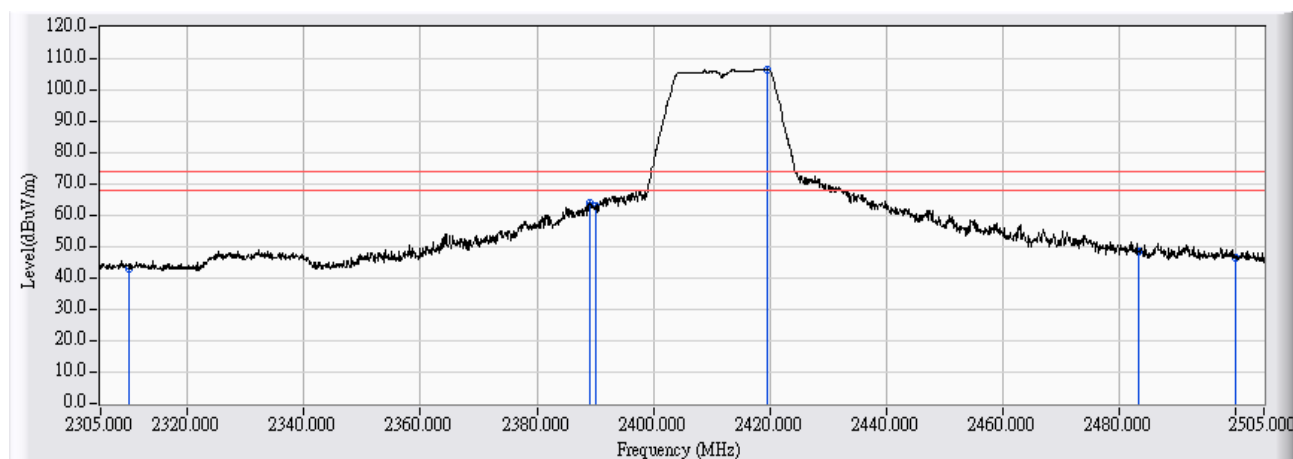


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	17.169	30.515	-23.485	54.000	AVERAGE
2	2390.000	13.840	21.927	35.767	-18.233	54.000	AVERAGE
3	* 2469.000	14.329	80.289	94.617	40.617	54.000	AVERAGE
4	2483.500	14.417	32.316	46.734	-7.266	54.000	AVERAGE
5	2483.600	14.419	32.159	46.578	-7.422	54.000	AVERAGE
6	2500.000	14.518	21.897	36.416	-17.584	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2412MHz

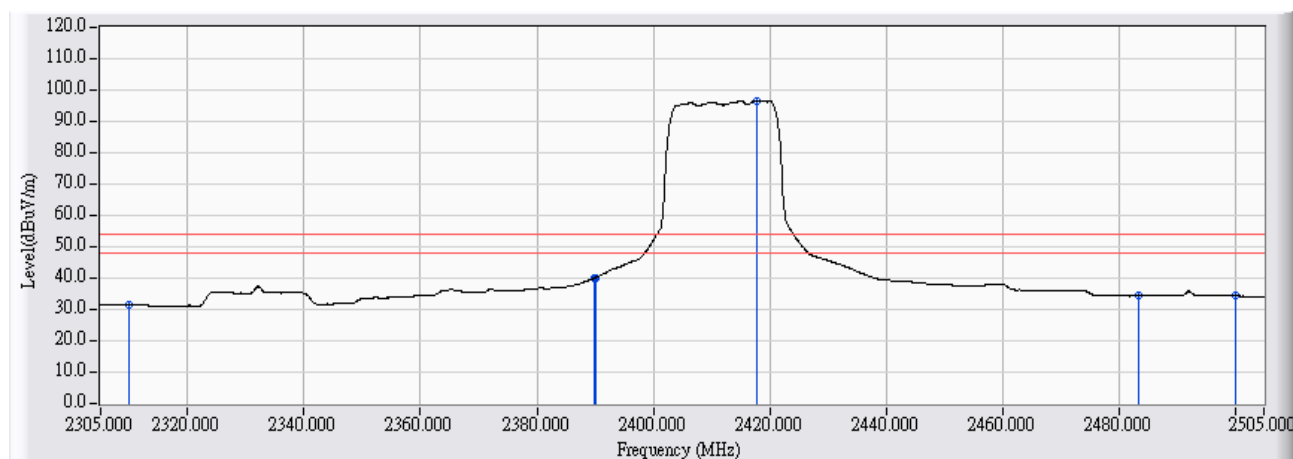


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	29.581	42.927	-31.073	74.000	PEAK
2		2389.000	13.835	50.105	63.939	-10.061	74.000	PEAK
3		2390.000	13.840	49.265	63.105	-10.895	74.000	PEAK
4	*	2419.500	14.023	92.574	106.597	32.597	74.000	PEAK
5		2483.500	14.417	34.102	48.520	-25.480	74.000	PEAK
6		2500.000	14.518	31.748	46.267	-27.733	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2412MHz

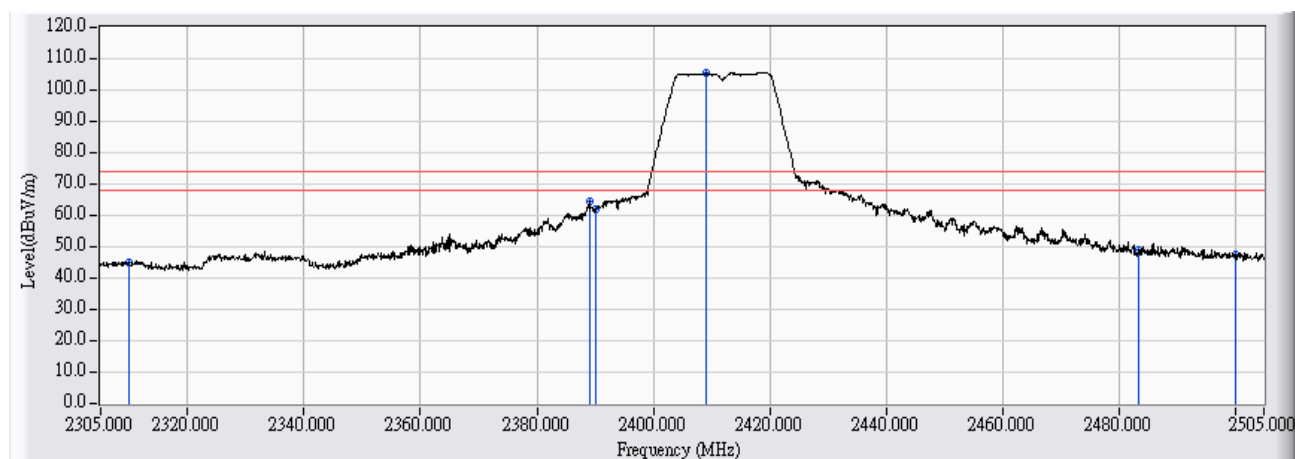


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	18.199	31.545	-22.455	54.000	AVERAGE
2	2389.900	13.840	26.225	40.065	-13.935	54.000	AVERAGE
3	2390.000	13.840	26.368	40.208	-13.792	54.000	AVERAGE
4	* 2417.900	14.013	82.645	96.658	42.658	54.000	AVERAGE
5	2483.500	14.417	20.060	34.478	-19.522	54.000	AVERAGE
6	2500.000	14.518	20.008	34.527	-19.473	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2412MHz

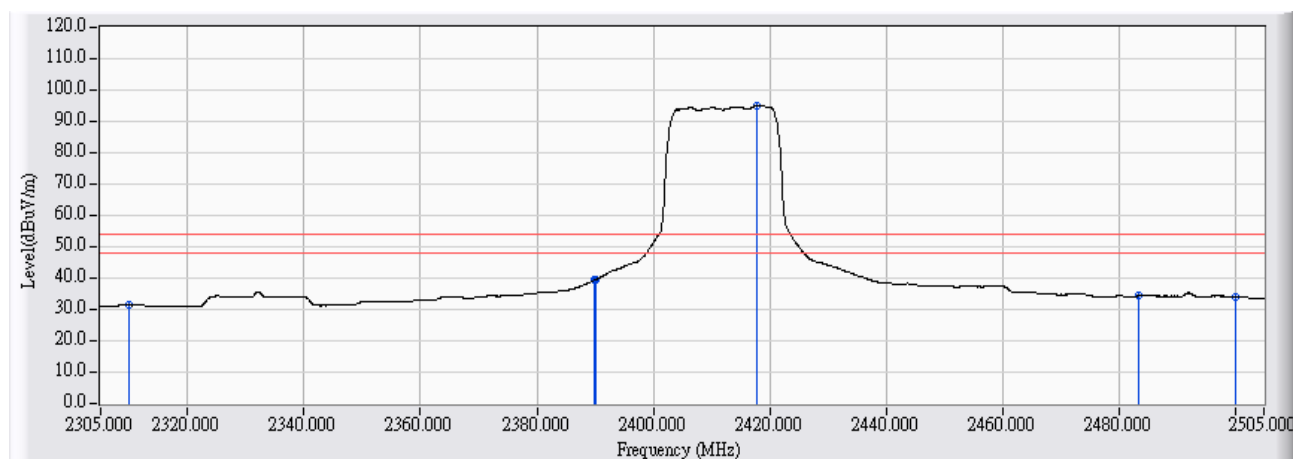


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	31.494	44.840	-29.160	74.000	PEAK
2	2389.000	13.835	50.755	64.589	-9.411	74.000	PEAK
3	2390.000	13.840	48.045	61.885	-12.115	74.000	PEAK
4	* 2409.000	13.958	91.619	105.577	31.577	74.000	PEAK
5	2483.500	14.417	34.537	48.955	-25.045	74.000	PEAK
6	2500.000	14.518	32.763	47.282	-26.718	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2412MHz

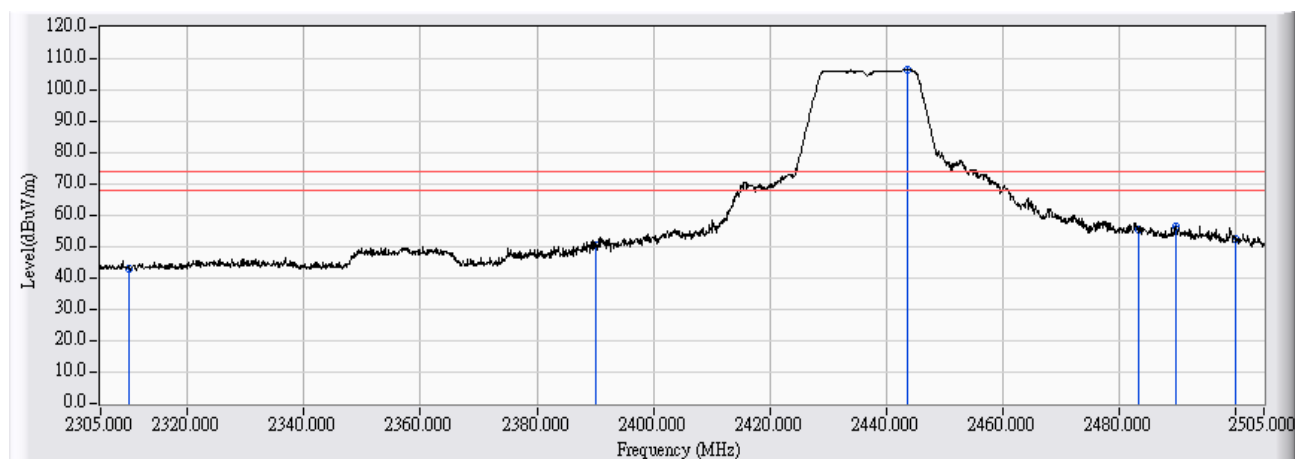


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	13.346	17.914	31.260	-22.740	54.000	AVERAGE
2		2389.900	13.840	25.503	39.343	-14.657	54.000	AVERAGE
3		2390.000	13.840	25.625	39.465	-14.535	54.000	AVERAGE
4	*	2417.900	14.013	80.888	94.901	40.901	54.000	AVERAGE
5		2483.500	14.417	19.911	34.329	-19.671	54.000	AVERAGE
6		2500.000	14.518	19.582	34.101	-19.899	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

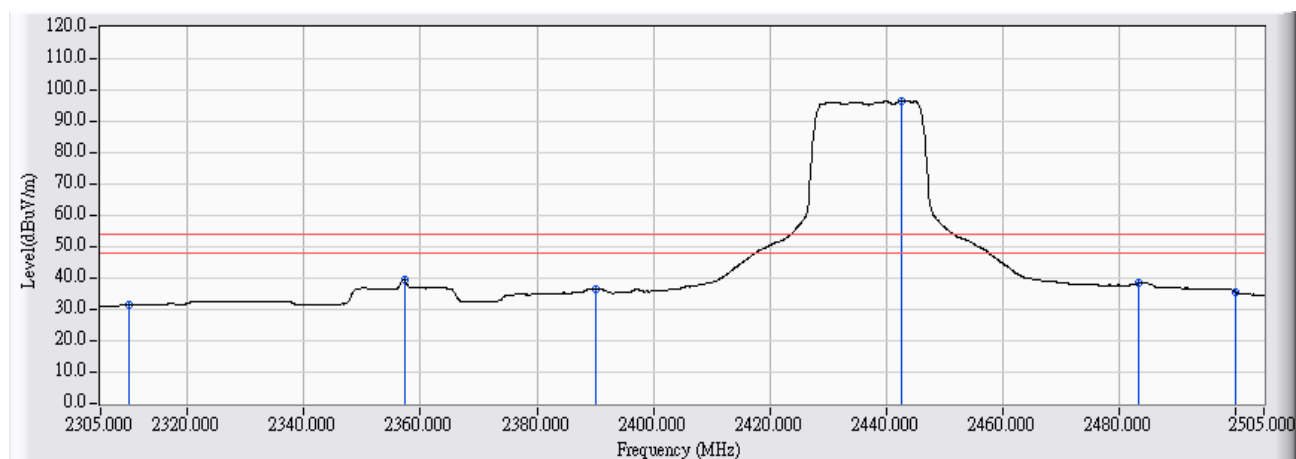


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	29.789	43.135	-30.865	74.000	PEAK
2	2390.000	13.840	36.536	50.376	-23.624	74.000	PEAK
3	* 2443.600	14.172	92.278	106.449	32.449	74.000	PEAK
4	2483.500	14.417	40.992	55.410	-18.590	74.000	PEAK
5	2489.900	14.458	42.202	56.660	-17.340	74.000	PEAK
6	2500.000	14.518	37.731	52.250	-21.750	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

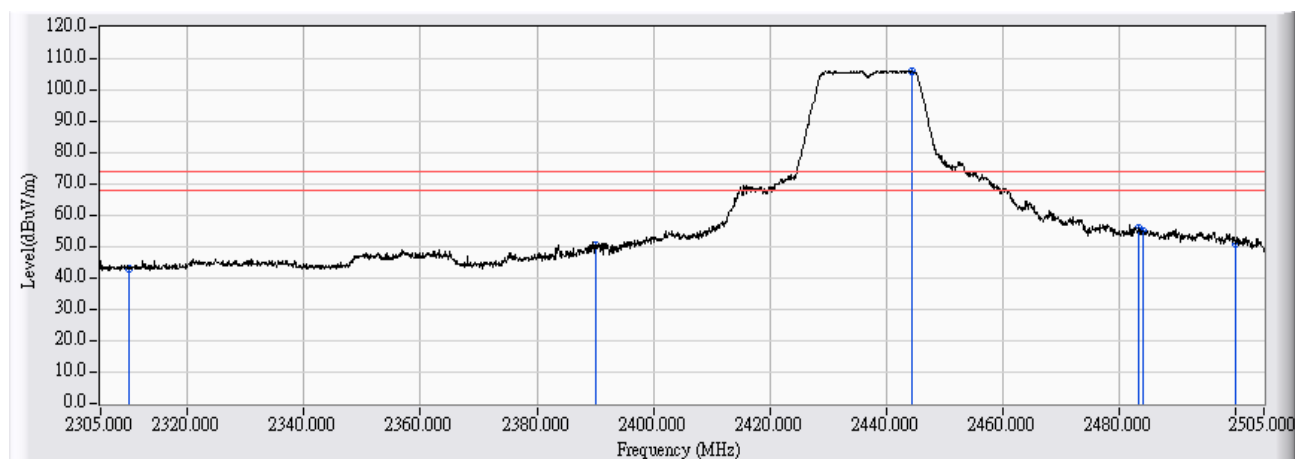


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	18.067	31.413	-22.587	54.000	AVERAGE
2	2357.200	13.637	25.639	39.276	-14.724	54.000	AVERAGE
3	2390.000	13.840	22.611	36.451	-17.549	54.000	AVERAGE
4	* 2442.800	14.167	82.394	96.560	42.560	54.000	AVERAGE
5	2483.500	14.417	23.868	38.286	-15.714	54.000	AVERAGE
6	2500.000	14.518	21.166	35.685	-18.315	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz

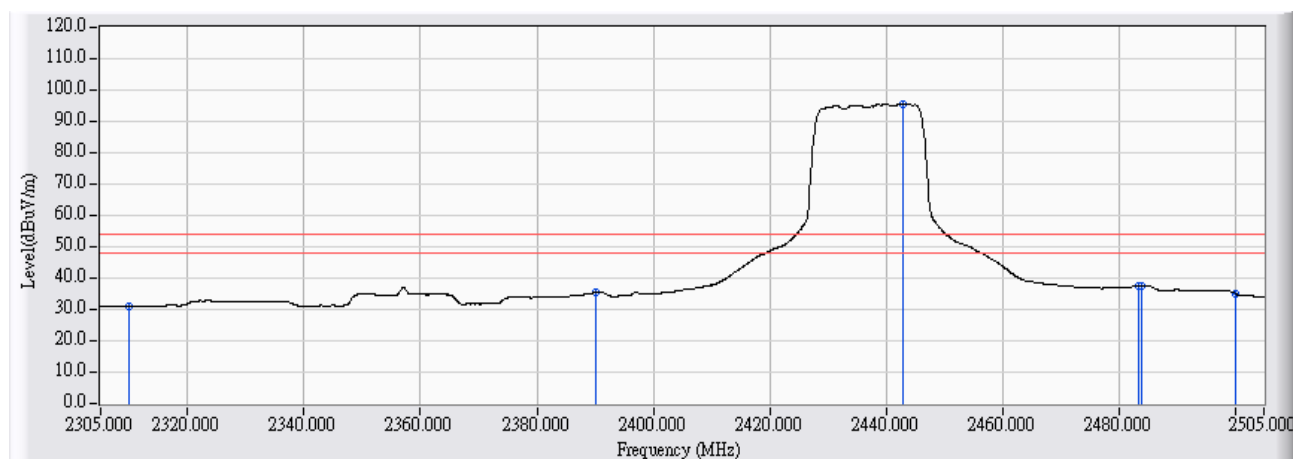


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	29.787	43.133	-30.867	74.000	PEAK
2	2390.000	13.840	36.661	50.501	-23.499	74.000	PEAK
3	* 2444.500	14.177	92.065	106.242	32.242	74.000	PEAK
4	2483.500	14.417	41.579	55.997	-18.003	74.000	PEAK
5	2484.300	14.423	40.396	54.819	-19.181	74.000	PEAK
6	2500.000	14.518	36.702	51.221	-22.779	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 : CB4-H	Time : 2017/02/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2437MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	17.869	31.215	-22.785	54.000	AVERAGE
2	2390.000	13.840	21.570	35.410	-18.590	54.000	AVERAGE
3	* 2442.900	14.167	81.510	95.677	41.677	54.000	AVERAGE
4	2483.500	14.417	23.065	37.483	-16.517	54.000	AVERAGE
5	2484.000	14.421	23.212	37.633	-16.367	54.000	AVERAGE
6	2500.000	14.518	20.615	35.134	-18.866	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 : CB4-H	Time : 2017/03/04
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2462MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	29.941	43.287	-30.713	74.000	PEAK
2	2390.000	13.840	35.349	49.189	-24.811	74.000	PEAK
3	* 2459.000	14.267	91.471	105.738	31.738	74.000	PEAK
4	2483.500	14.417	52.485	66.903	-7.097	74.000	PEAK
5	2484.200	14.422	52.380	66.802	-7.198	74.000	PEAK
6	2500.000	14.518	40.035	54.554	-19.446	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 : CB4-H	Time : 2017/03/04
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2462MHz

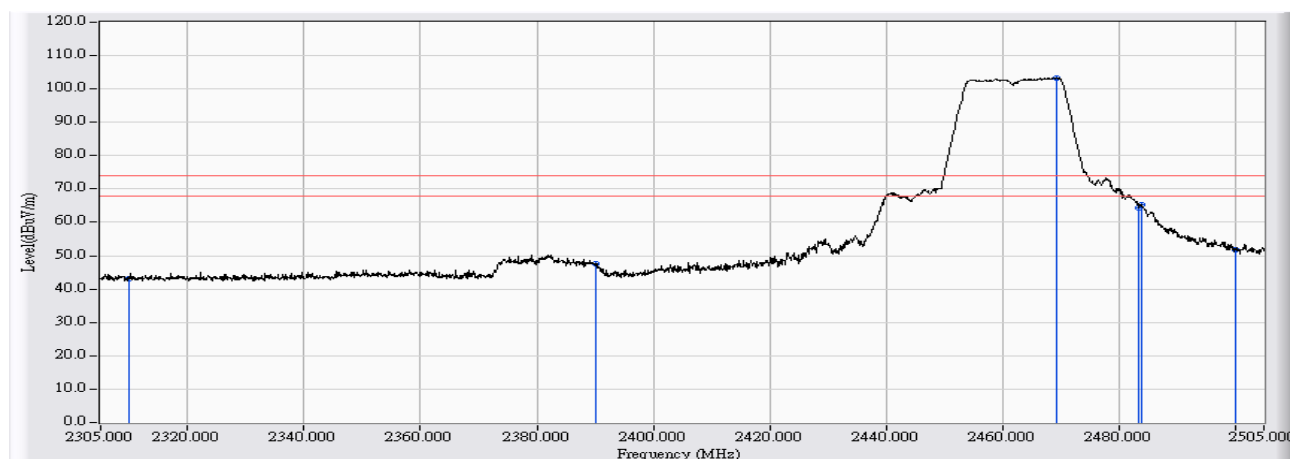


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	17.811	31.157	-22.843	54.000	AVERAGE
2	2390.000	13.840	22.876	36.716	-17.284	54.000	AVERAGE
3	* 2467.900	14.322	81.351	95.673	41.673	54.000	AVERAGE
4	2483.500	14.417	30.433	44.851	-9.149	54.000	AVERAGE
5	2483.600	14.419	30.357	44.776	-9.224	54.000	AVERAGE
6	2500.000	14.518	22.315	36.834	-17.166	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 : CB4-H	Time : 2017/03/04
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2462MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	29.656	43.002	-30.998	74.000	PEAK
2	2390.000	13.840	33.803	47.643	-26.357	74.000	PEAK
3	* 2469.300	14.330	89.095	103.425	29.425	74.000	PEAK
4	2483.500	14.417	49.911	64.329	-9.671	74.000	PEAK
5	2483.900	14.420	51.009	65.429	-8.571	74.000	PEAK
6	2500.000	14.518	37.363	51.882	-22.118	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 : CB4-H	Time : 2017/03/04
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4-H_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : HD 180 Degree Wi-Fi Camera	Note : Mode 1: Transmit (Stand) 802.11n(20M)_2462MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	13.346	17.163	30.509	-23.491	54.000	AVERAGE
2	2390.000	13.840	21.522	35.362	-18.638	54.000	AVERAGE
3	* 2467.900	14.322	78.787	93.109	39.109	54.000	AVERAGE
4	2483.500	14.417	28.767	43.185	-10.815	54.000	AVERAGE
5	2483.600	14.419	28.656	43.075	-10.925	54.000	AVERAGE
6	2500.000	14.518	21.033	35.552	-18.448	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

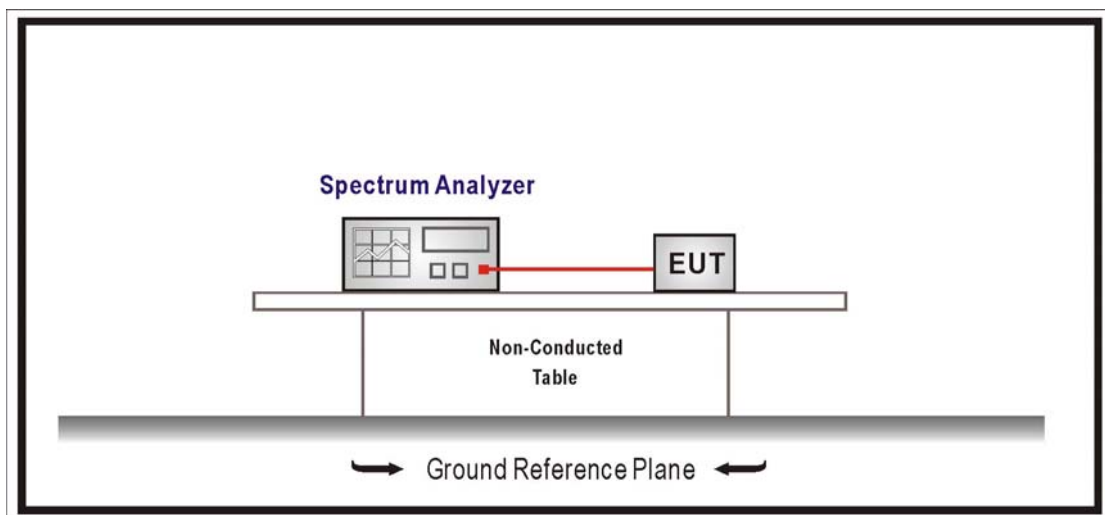
The following test equipment is used during the test:

DTS Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

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

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.10:2013; tested procedure section 8.1 of KDB558074 v03r05 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: 2015

7.6. Uncertainty

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

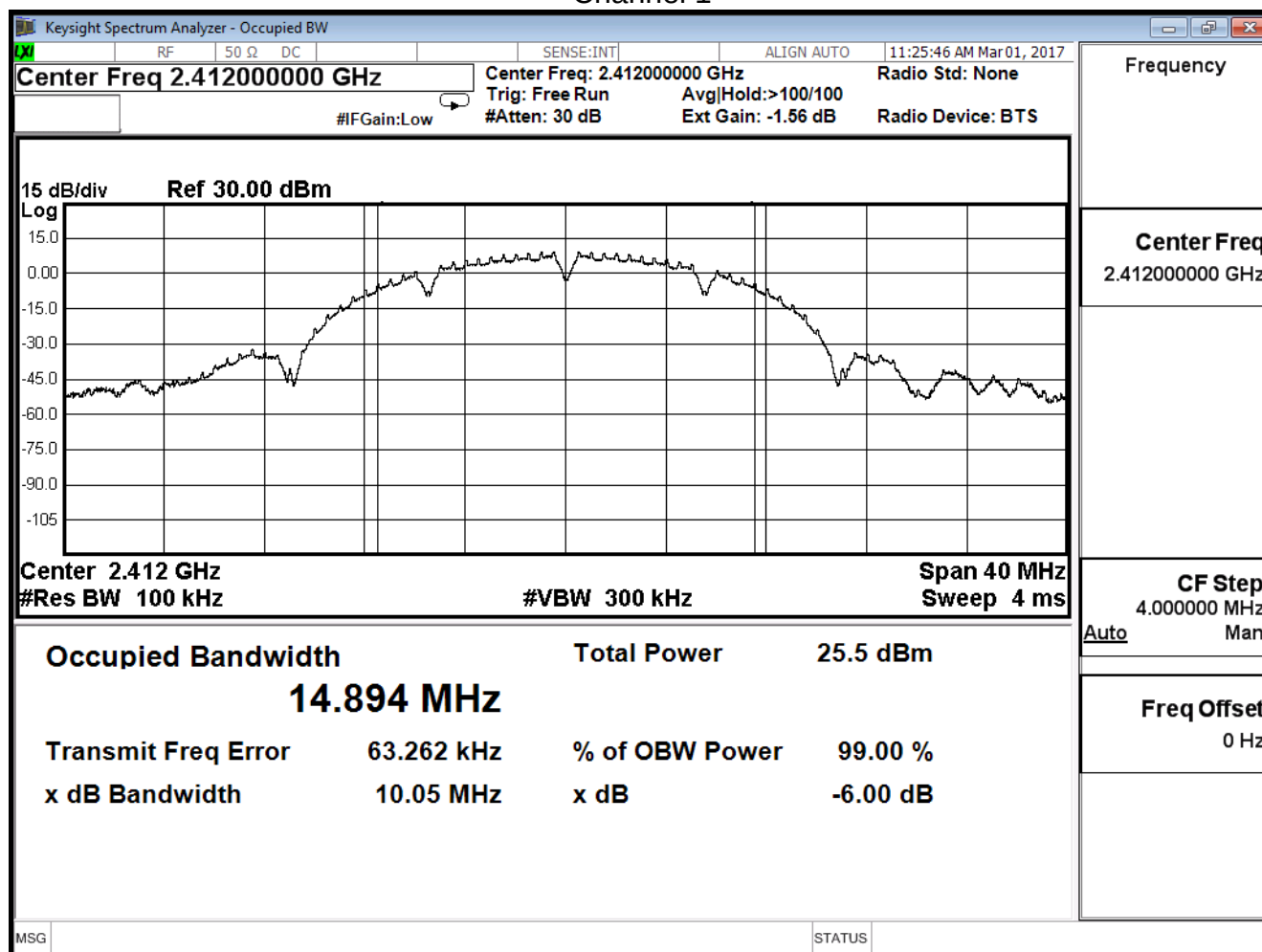
7.7. Test Result

Product	HD 180 Degree Wi-Fi Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

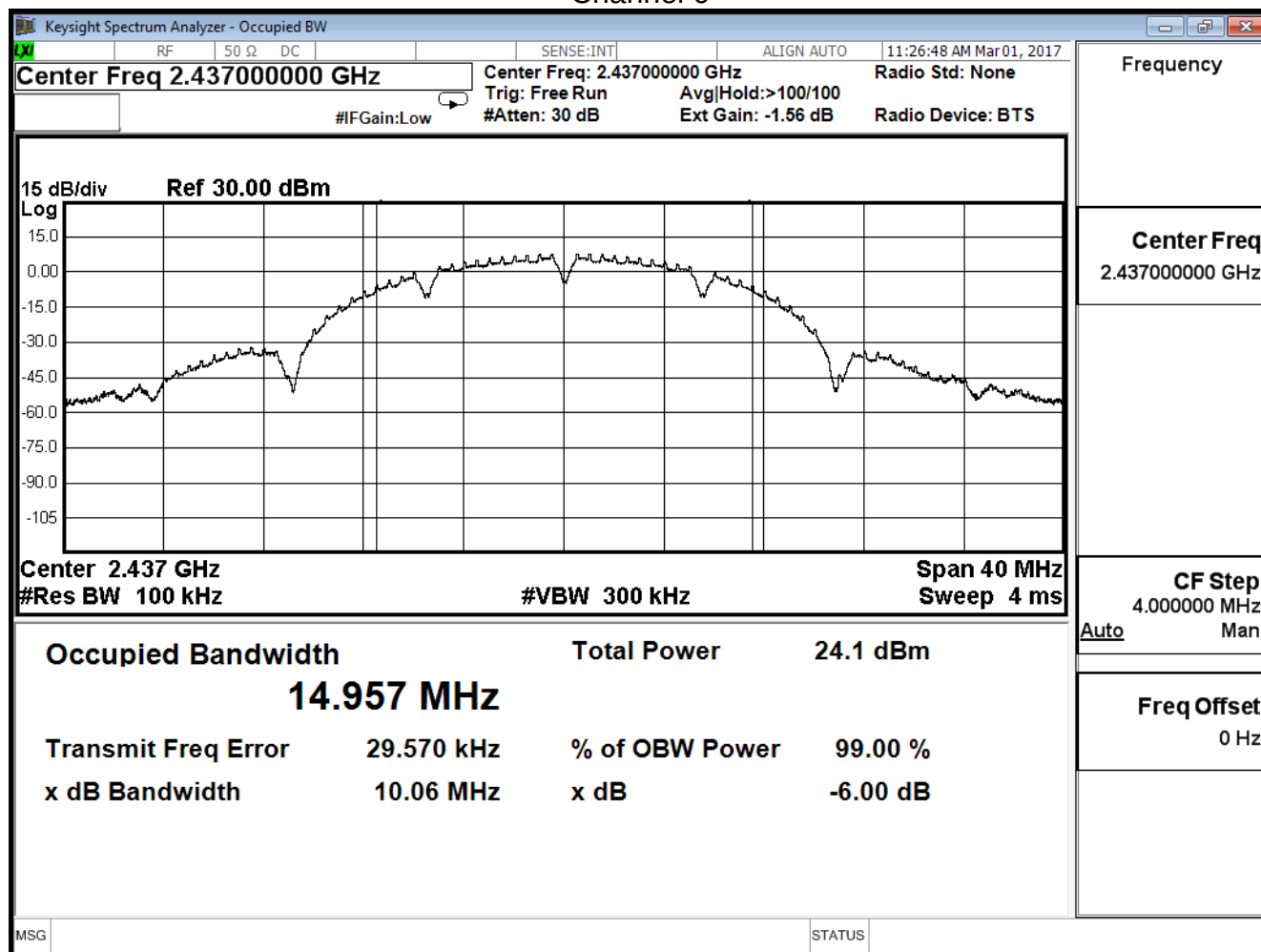
802.11 b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	10.050	≥ 0.5	Pass
6	2437	10.060	≥ 0.5	Pass
11	2462	10.060	≥ 0.5	Pass

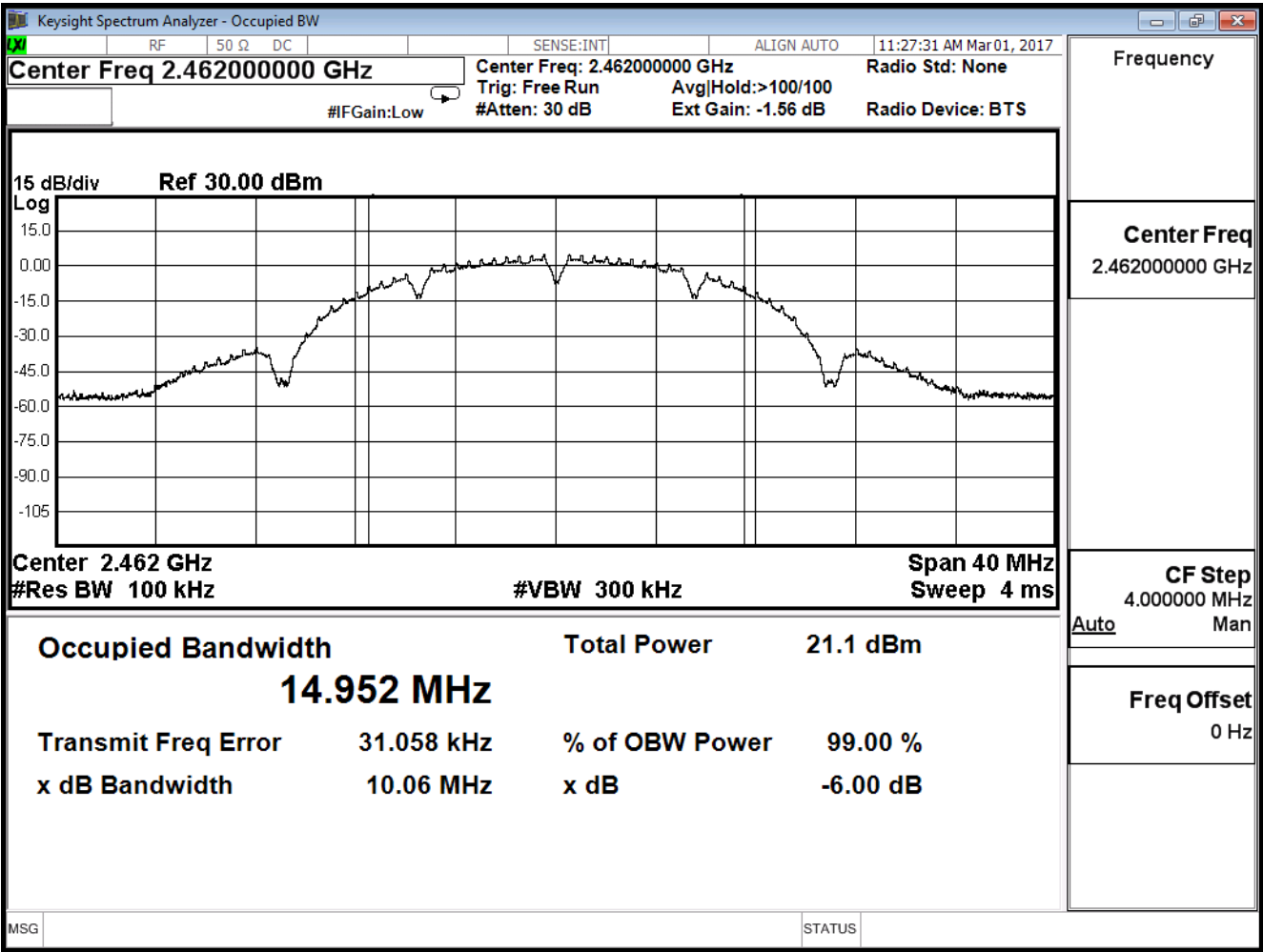
Channel 1



Channel 6



Channel 11

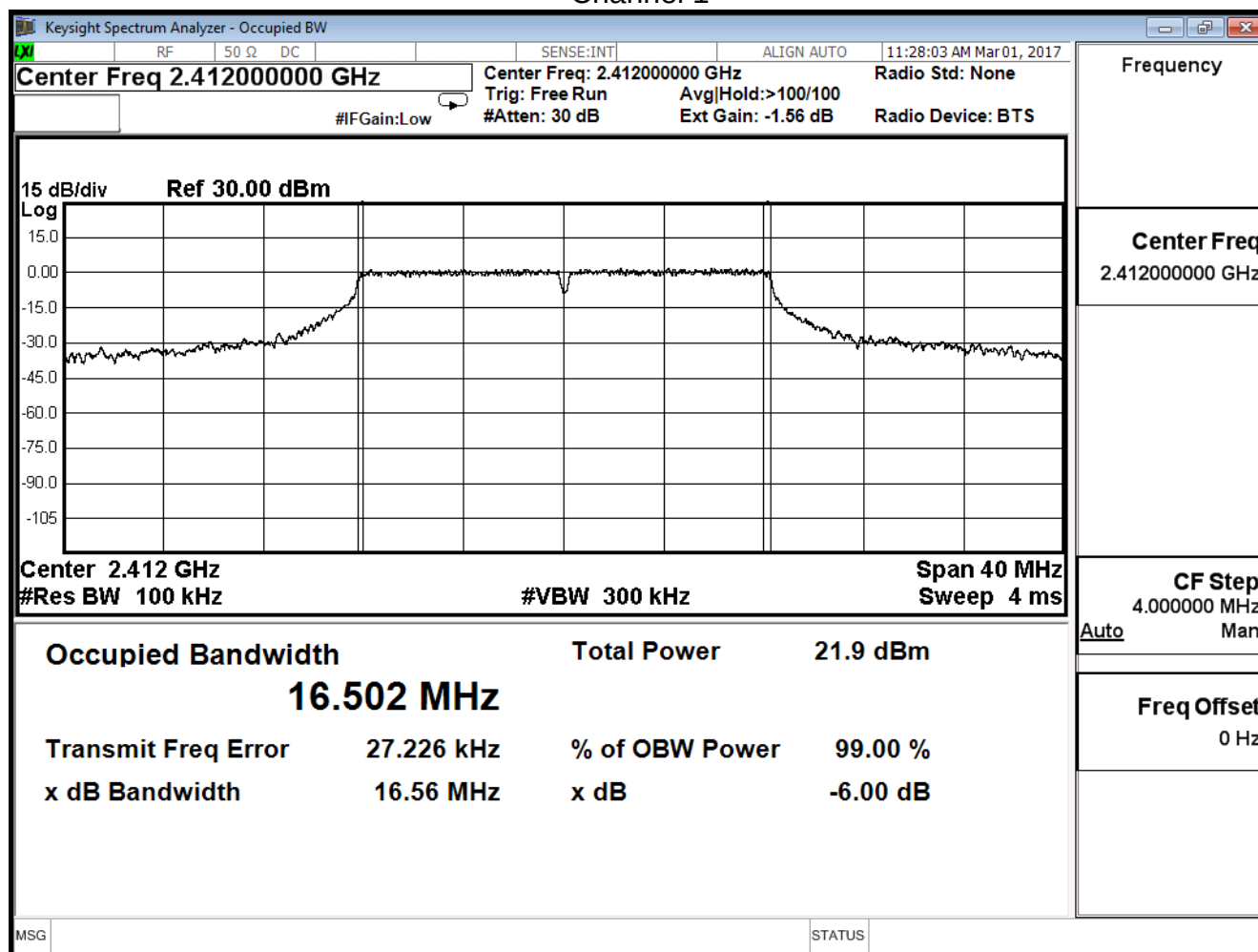


Product	HD 180 Degree Wi-Fi Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

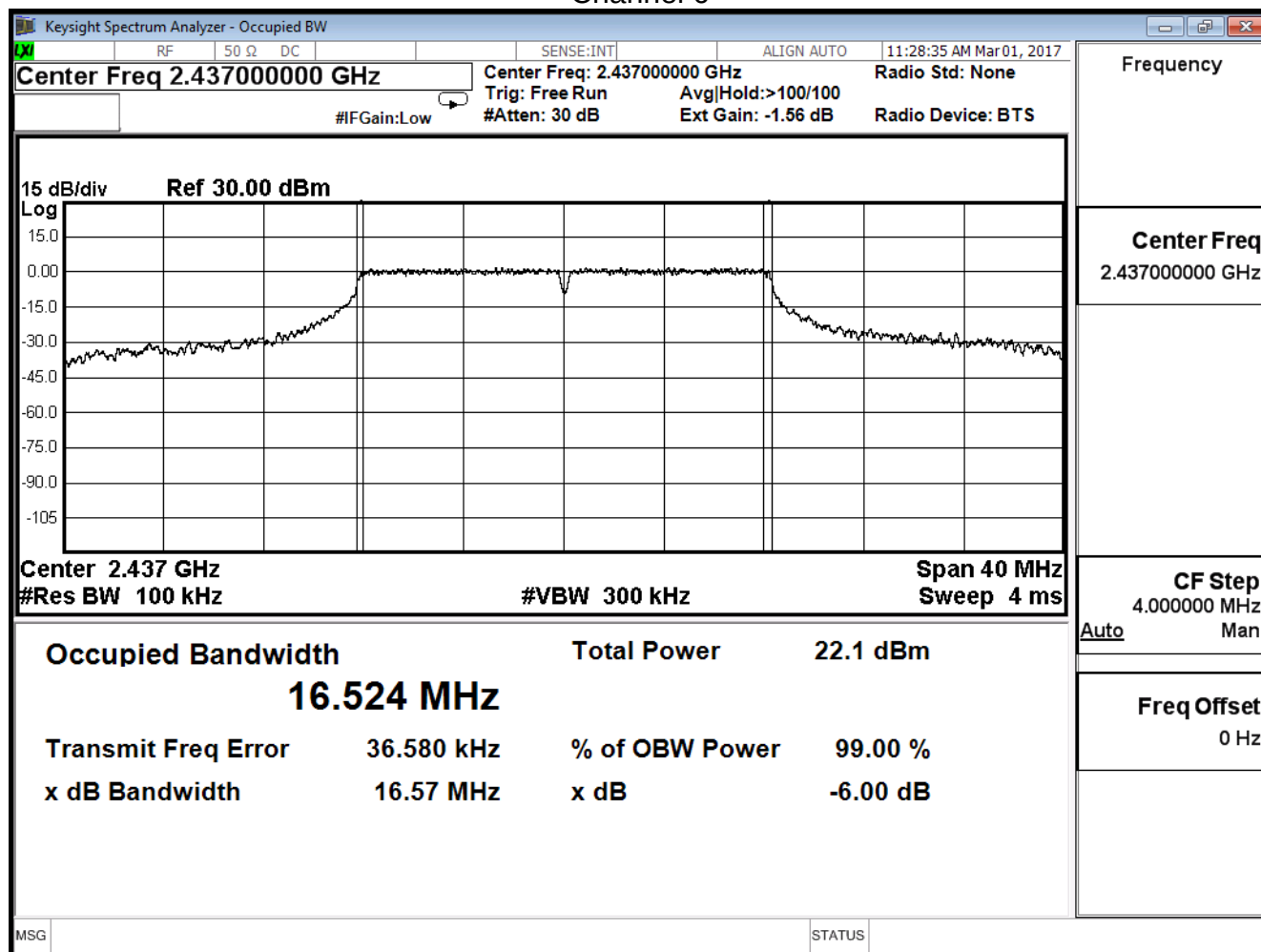
802.11 g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.560	≥ 0.5	Pass
6	2437	16.570	≥ 0.5	Pass
11	2462	16.570	≥ 0.5	Pass

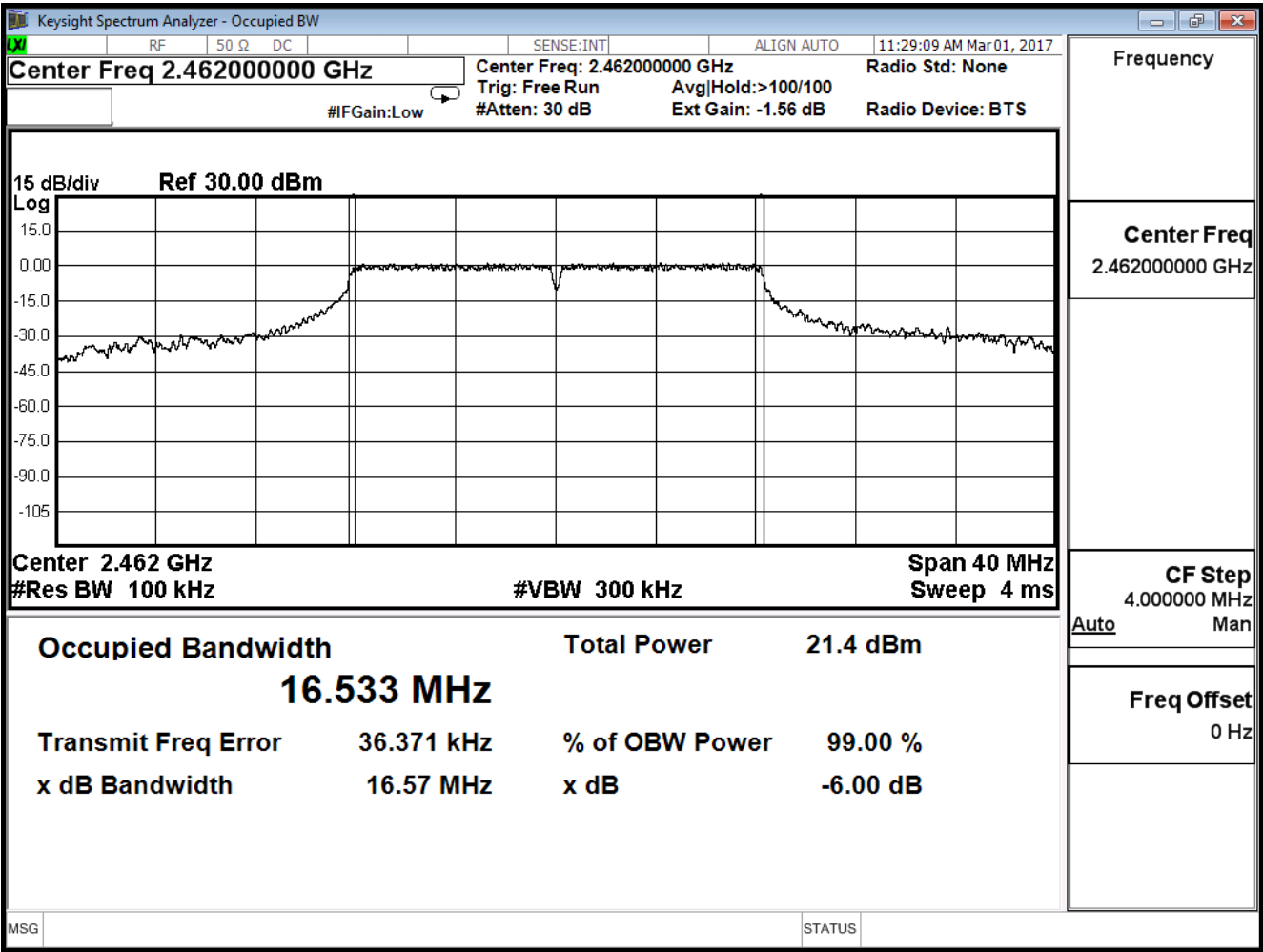
Channel 1



Channel 6



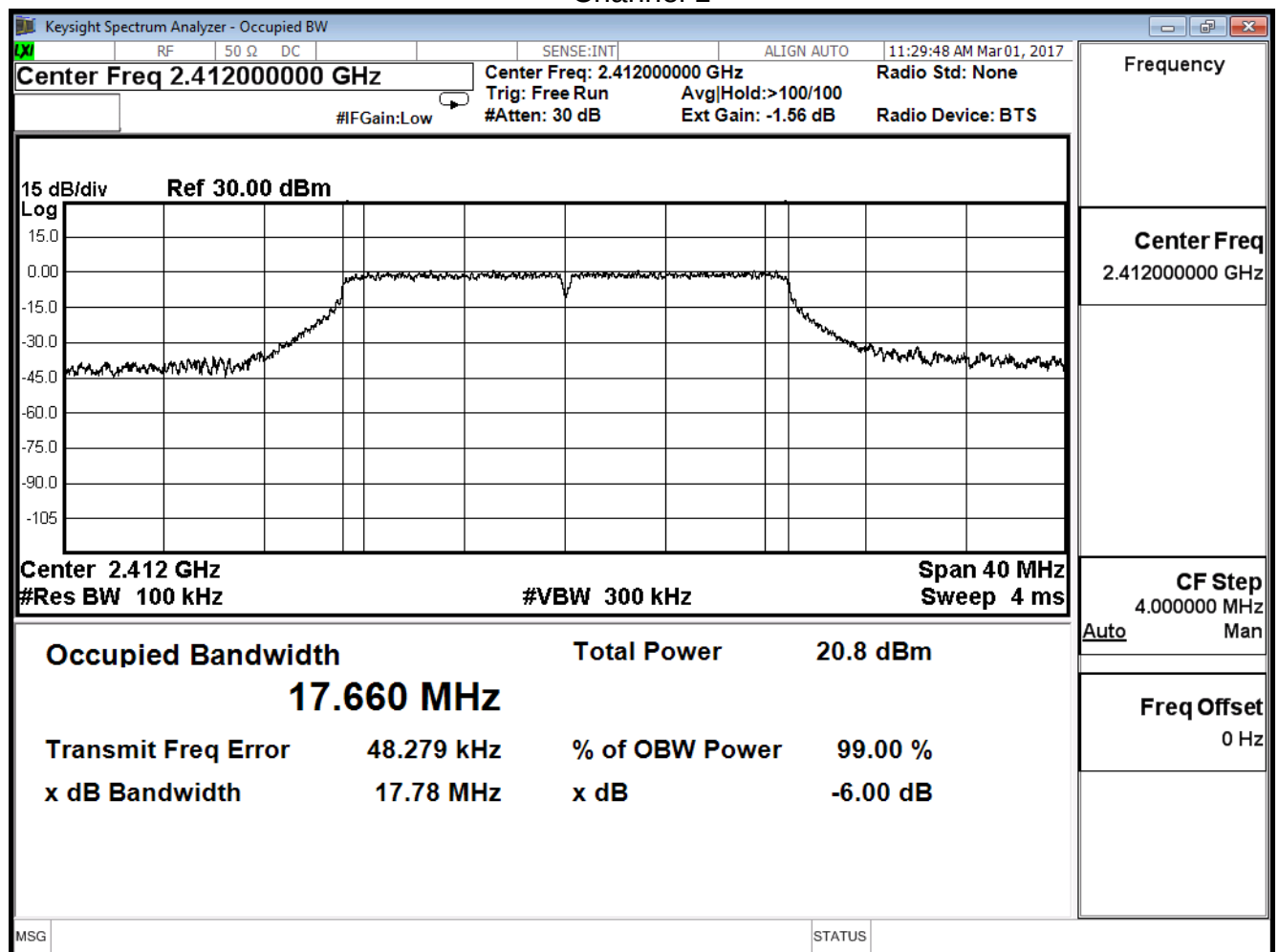
Channel 11



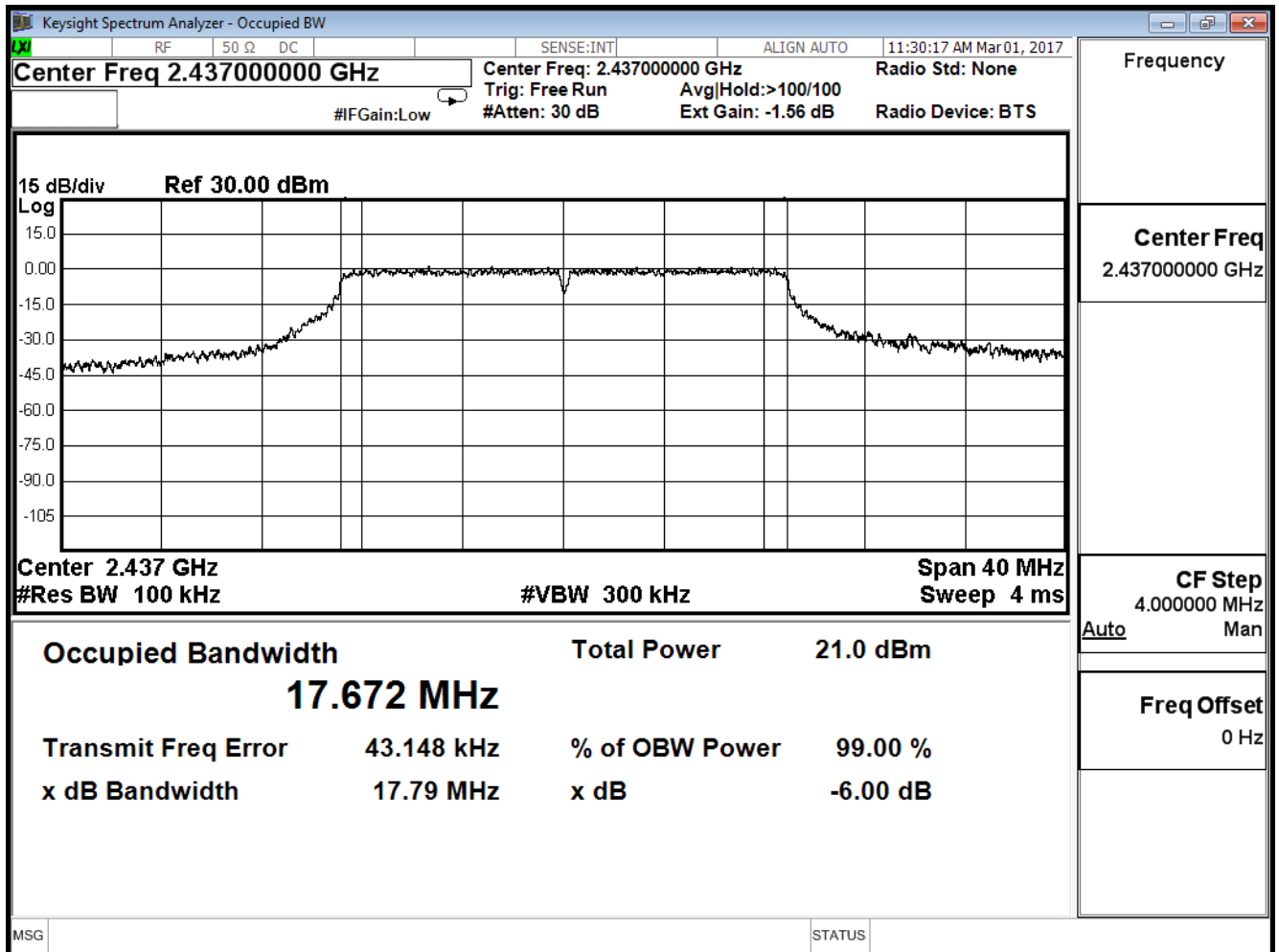
Product	HD 180 Degree Wi-Fi Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

IEEE 802.11n_20M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.780	≥ 0.5	Pass
6	2437	17.790	≥ 0.5	Pass
11	2462	17.800	≥ 0.5	Pass

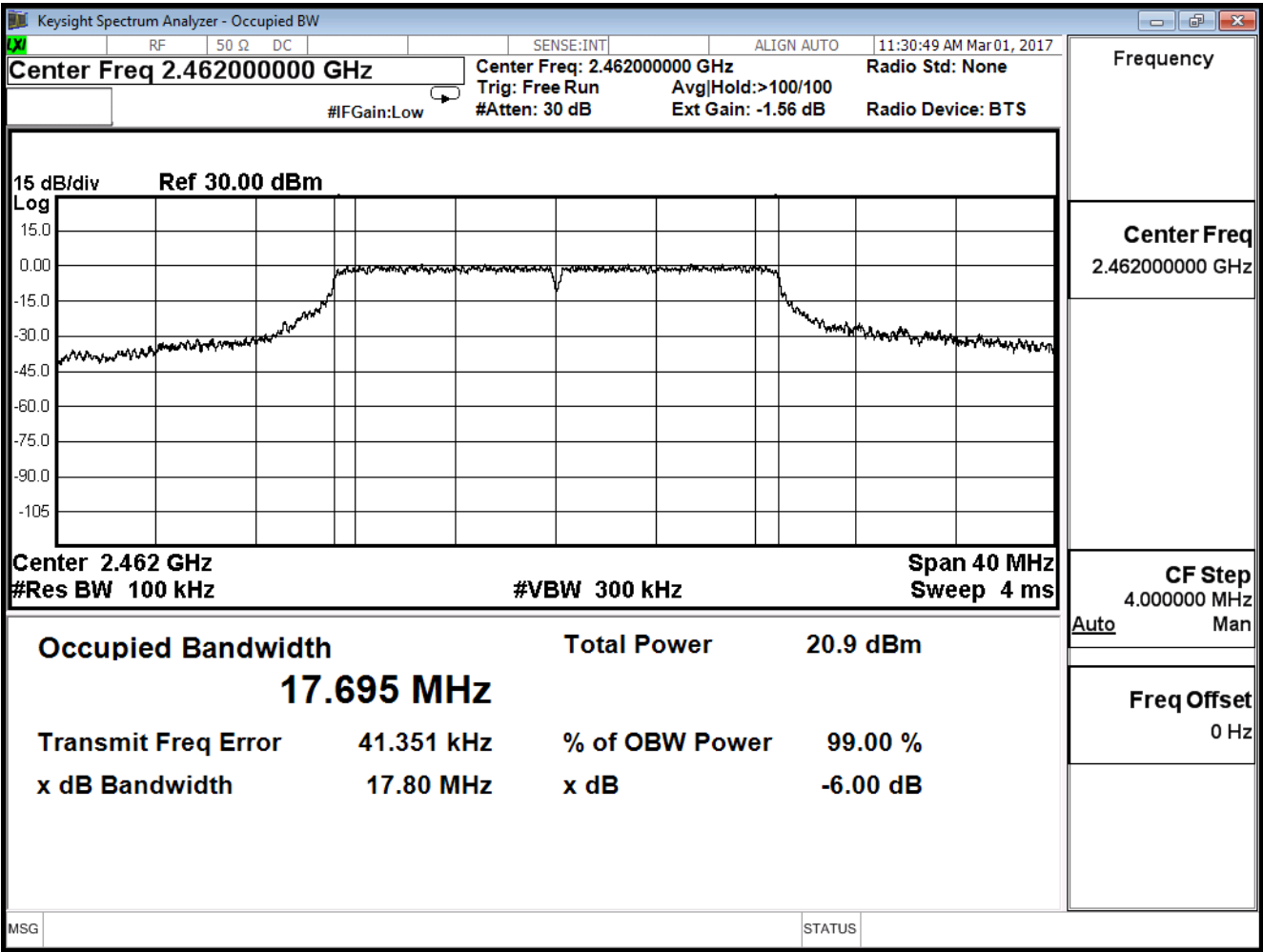
Channel 1



Channel 6



Channel 11



8. Occupied Bandwidth

8.1. Test Equipment

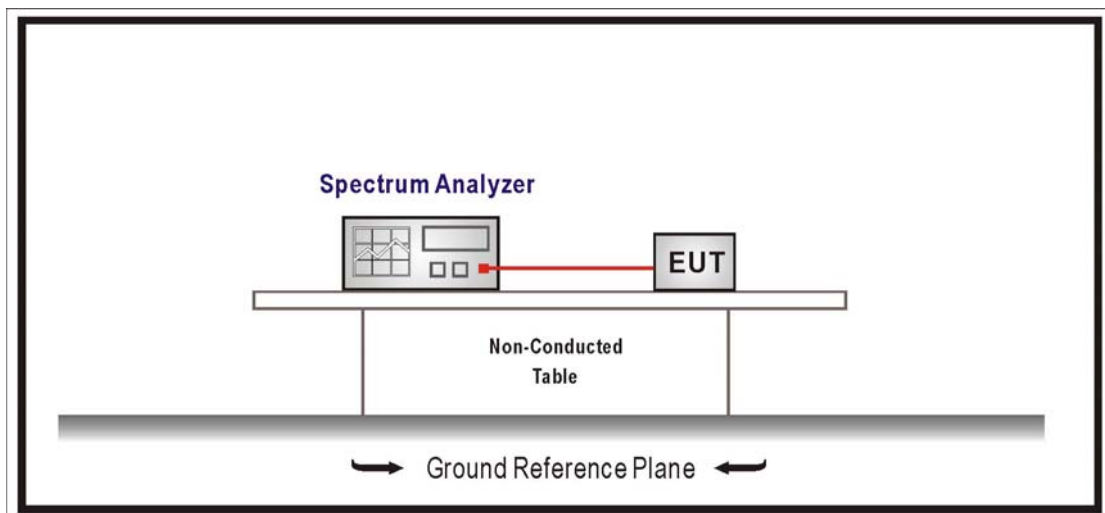
The following test equipment is used during the test:

Occupied Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

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

8.2. Test Setup



8.3. Test Procedures

The EUT was setup according to ANSI C63.10:2013; tested according to DTS test procedure of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 1-5% of the OBW, Set the VBW $\geq 3 \times$ RBW, Sweep Time=Auto.

8.4. Limits

NA

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

8.6. Uncertainty

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

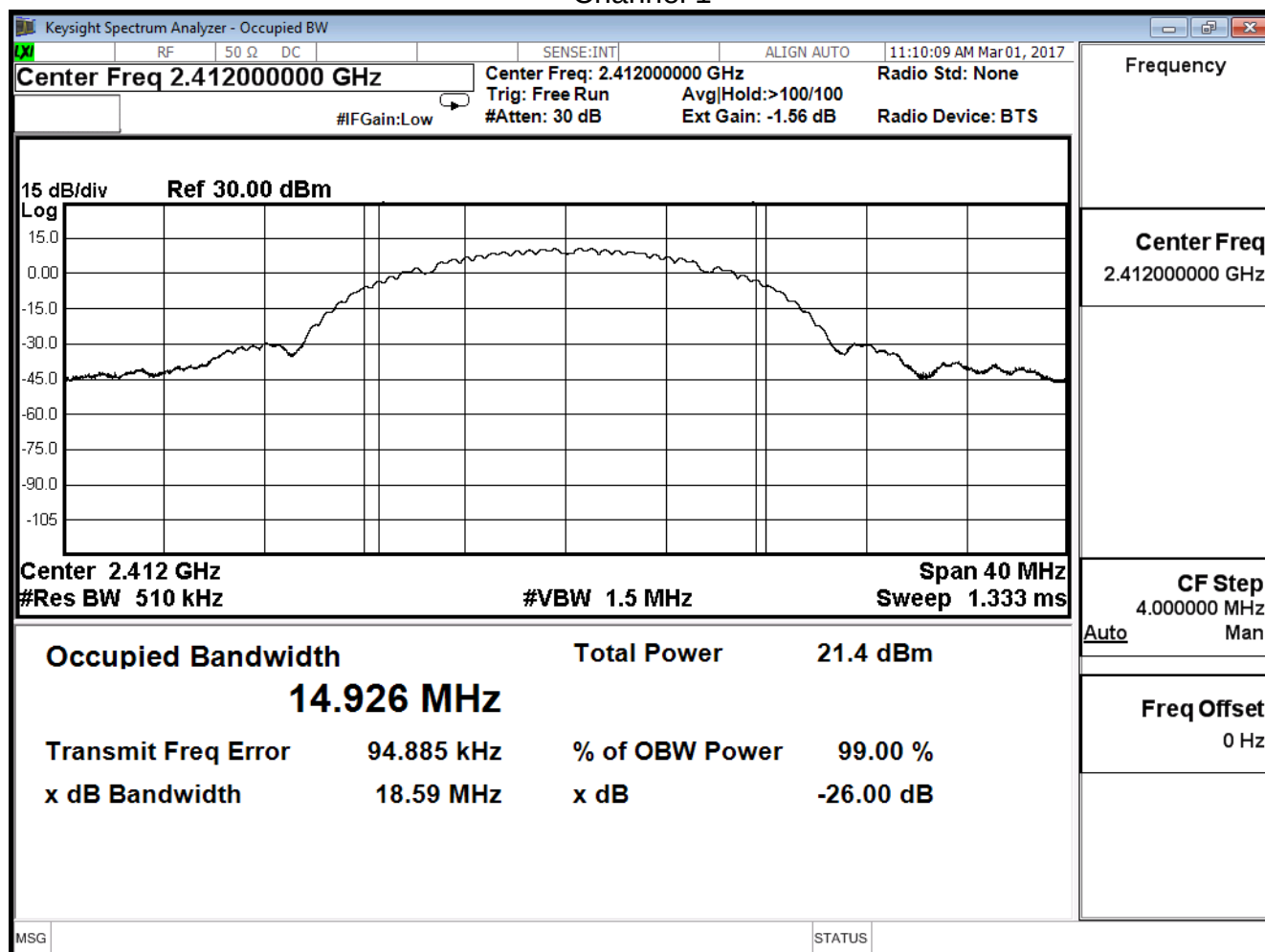
8.7. Test Result

Product	HD 180 Degree Wi-Fi Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

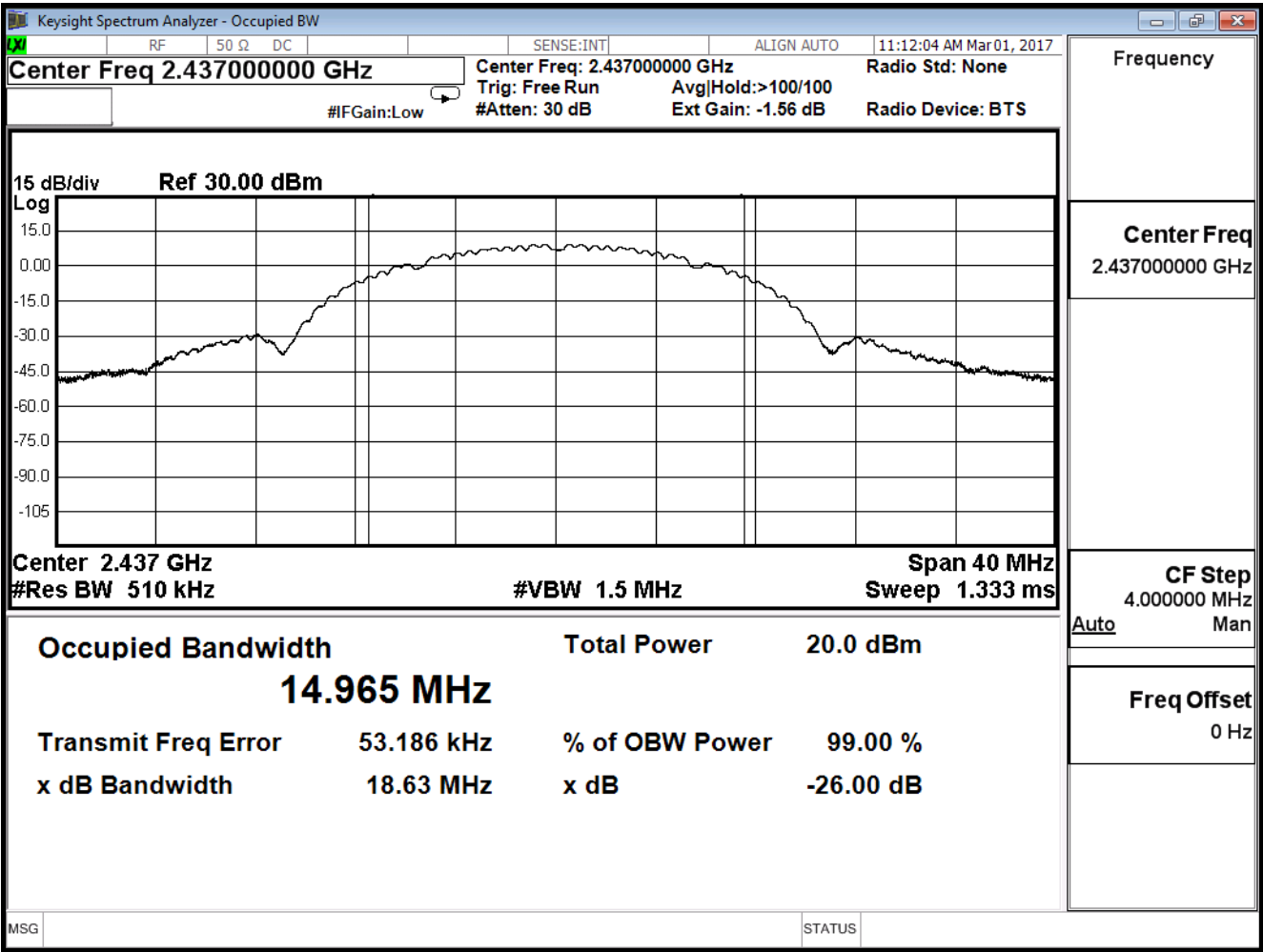
802.11 b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	14.926	--	Pass
6	2437	14.965	--	Pass
11	2462	14.967	--	Pass

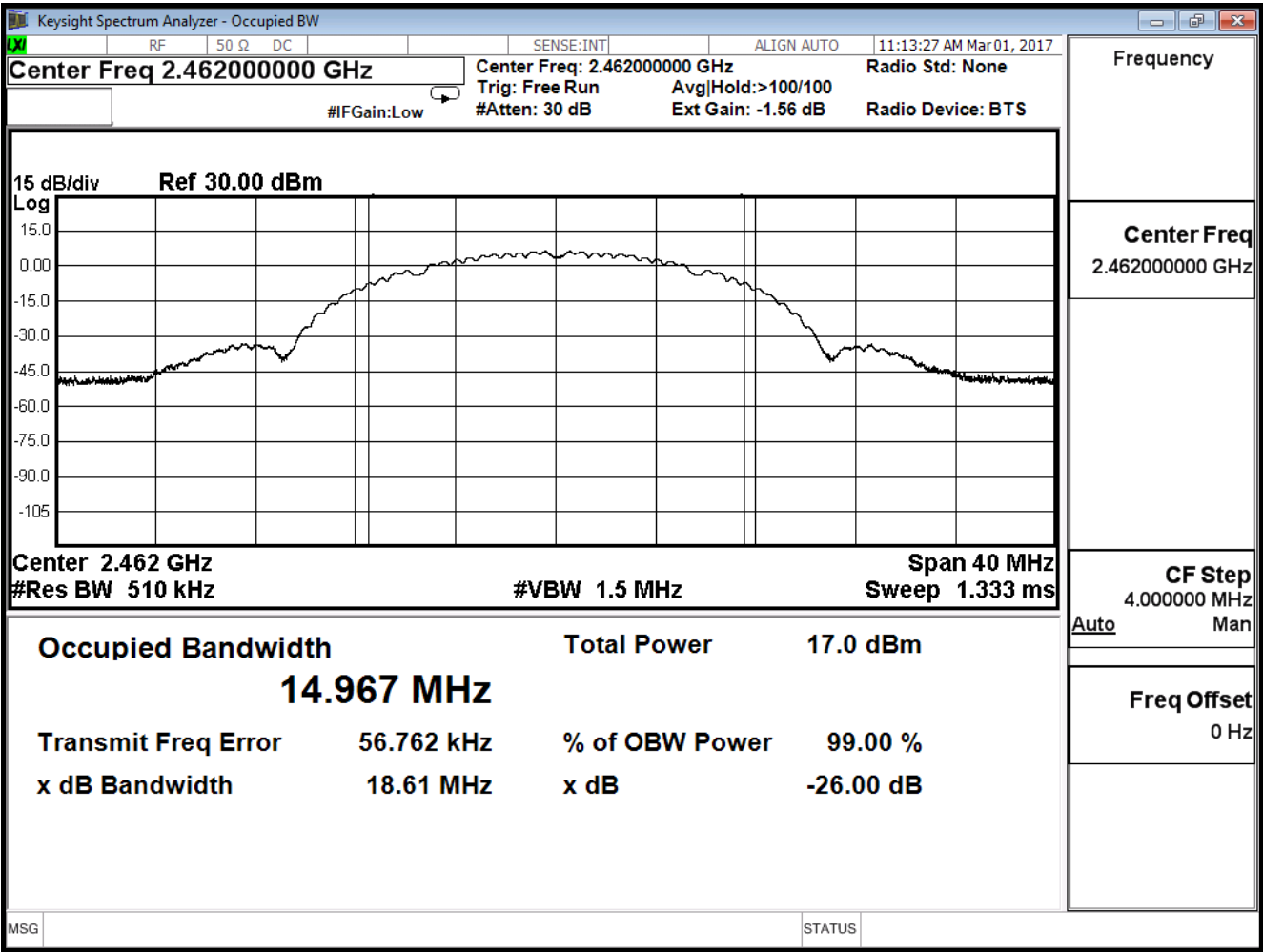
Channel 1



Channel 6



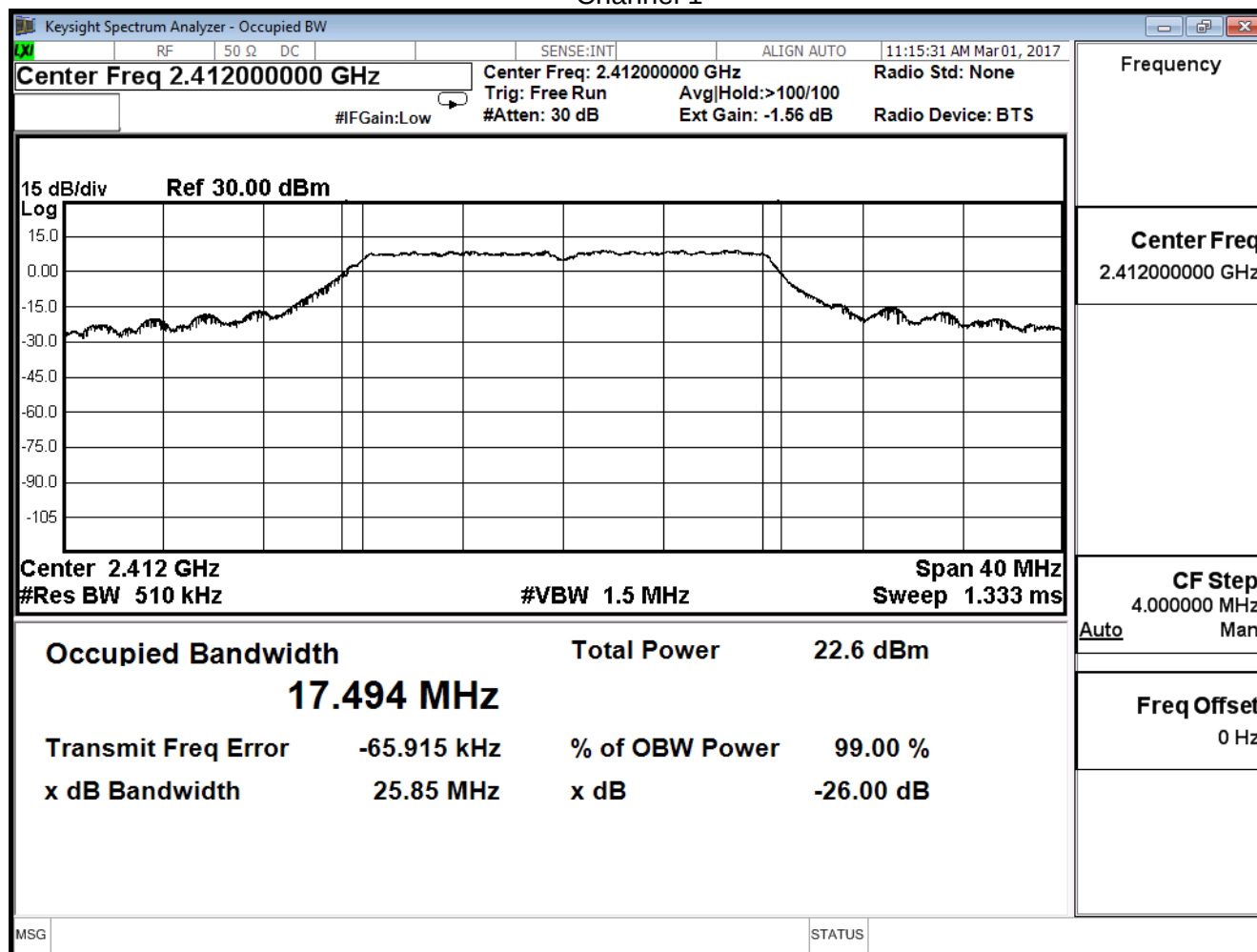
Channel 11



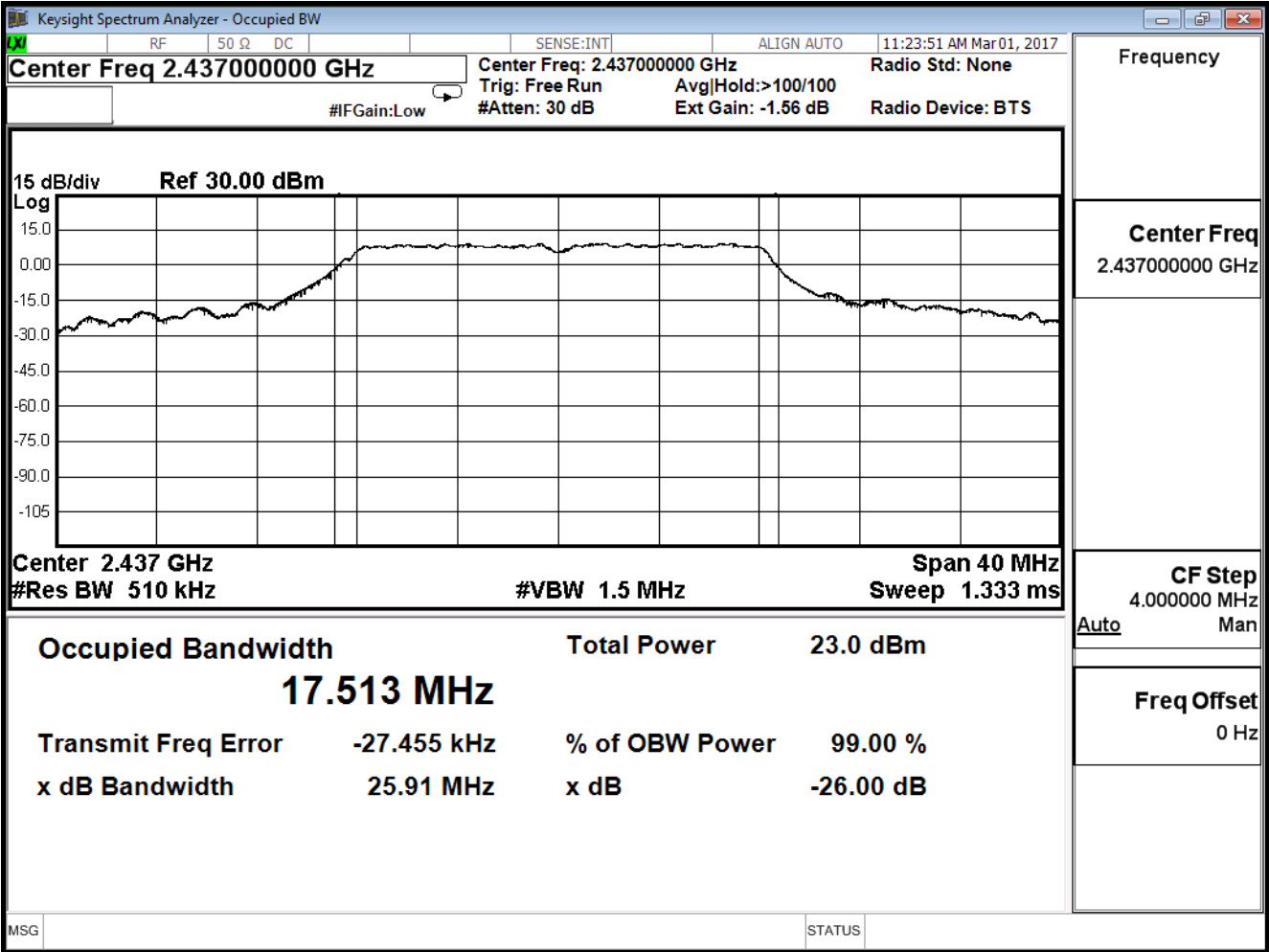
Product	HD 180 Degree Wi-Fi Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

802.11 g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	17.494	--	Pass
6	2437	17.513	--	Pass
11	2462	17.508	--	Pass

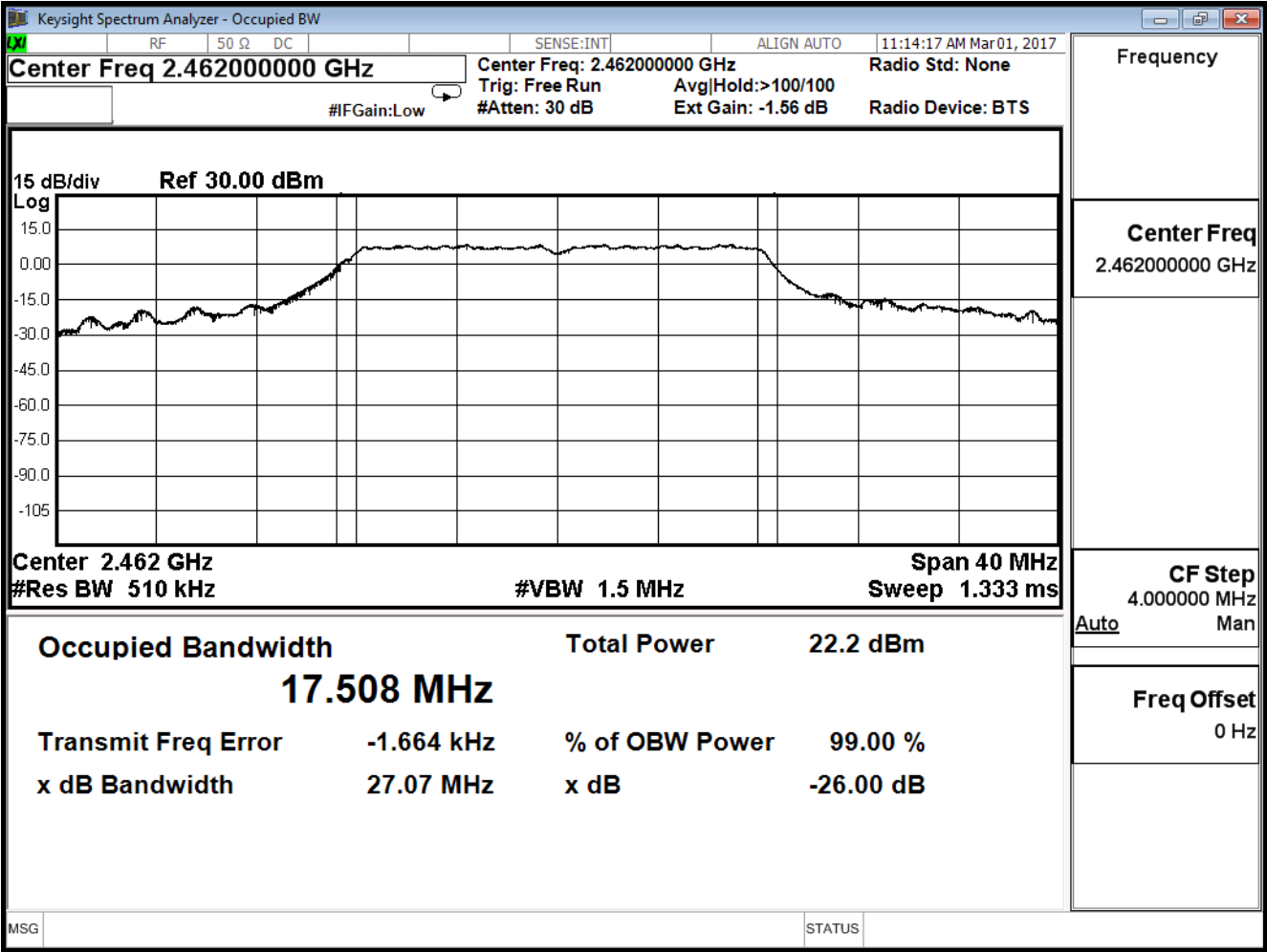
Channel 1



Channel 6



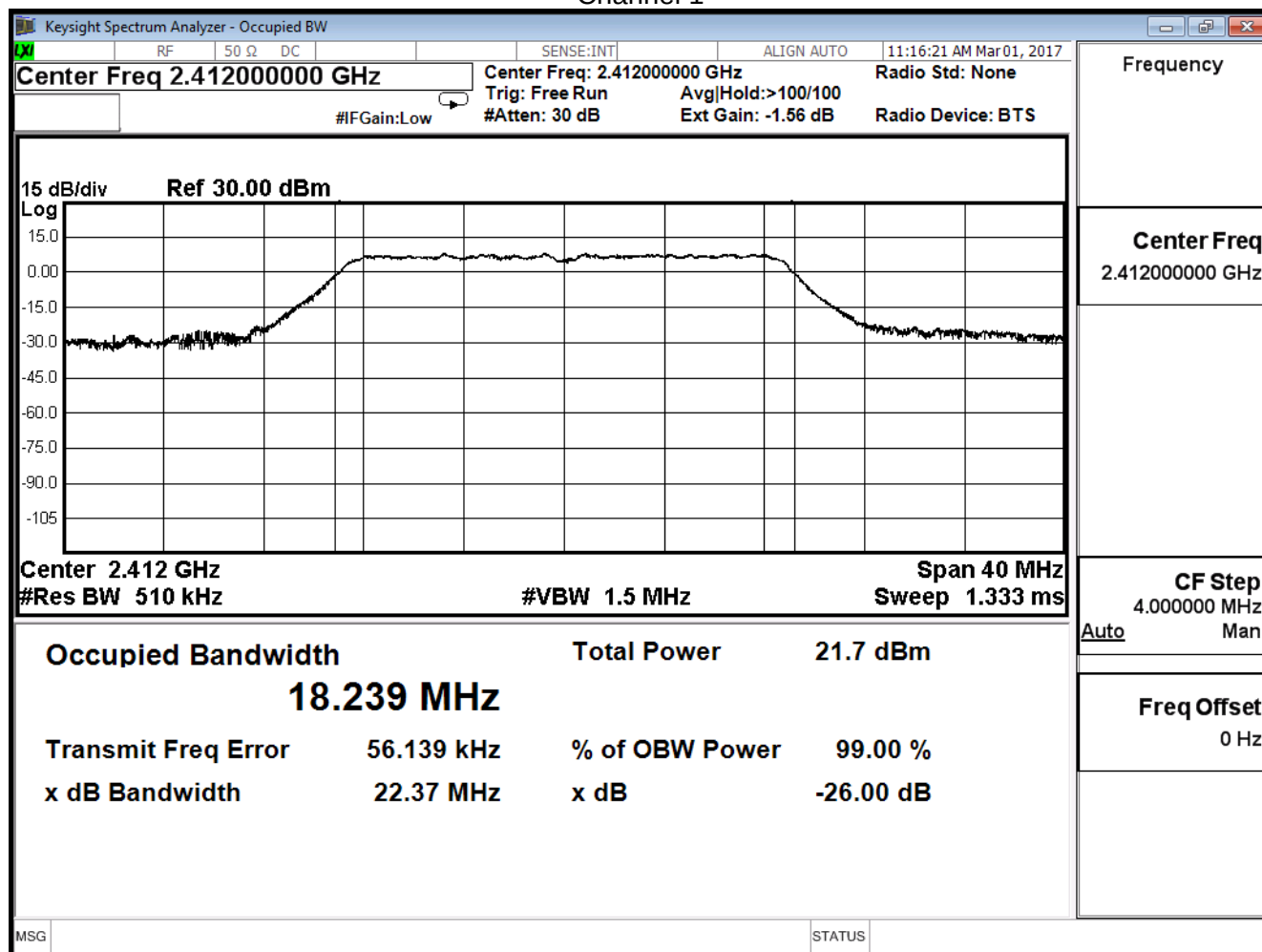
Channel 11



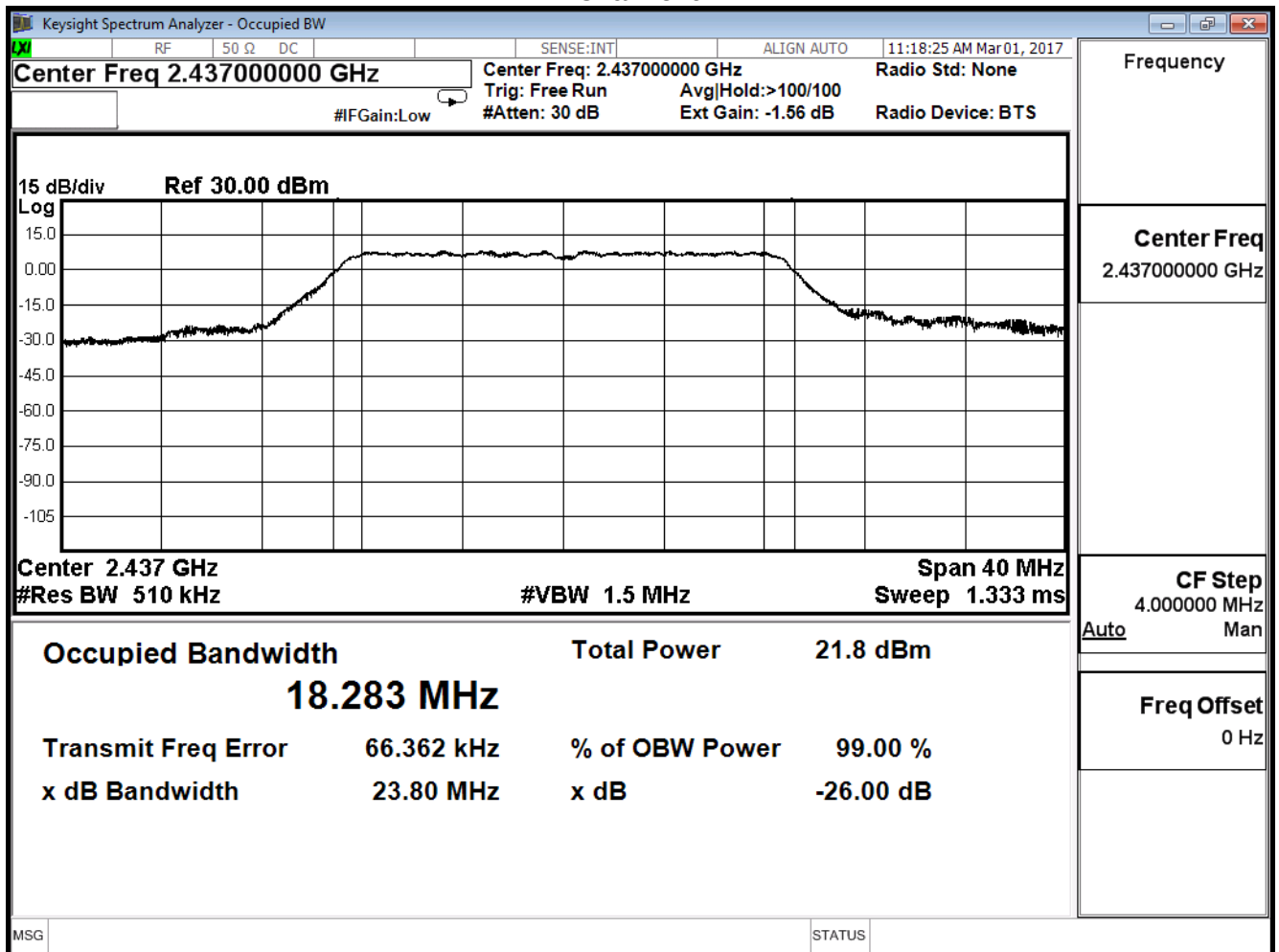
Product	HD 180 Degree Wi-Fi Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

IEEE802.11n 20MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	18.239	--	Pass
6	2437	18.283	--	Pass
11	2462	18.398	--	Pass

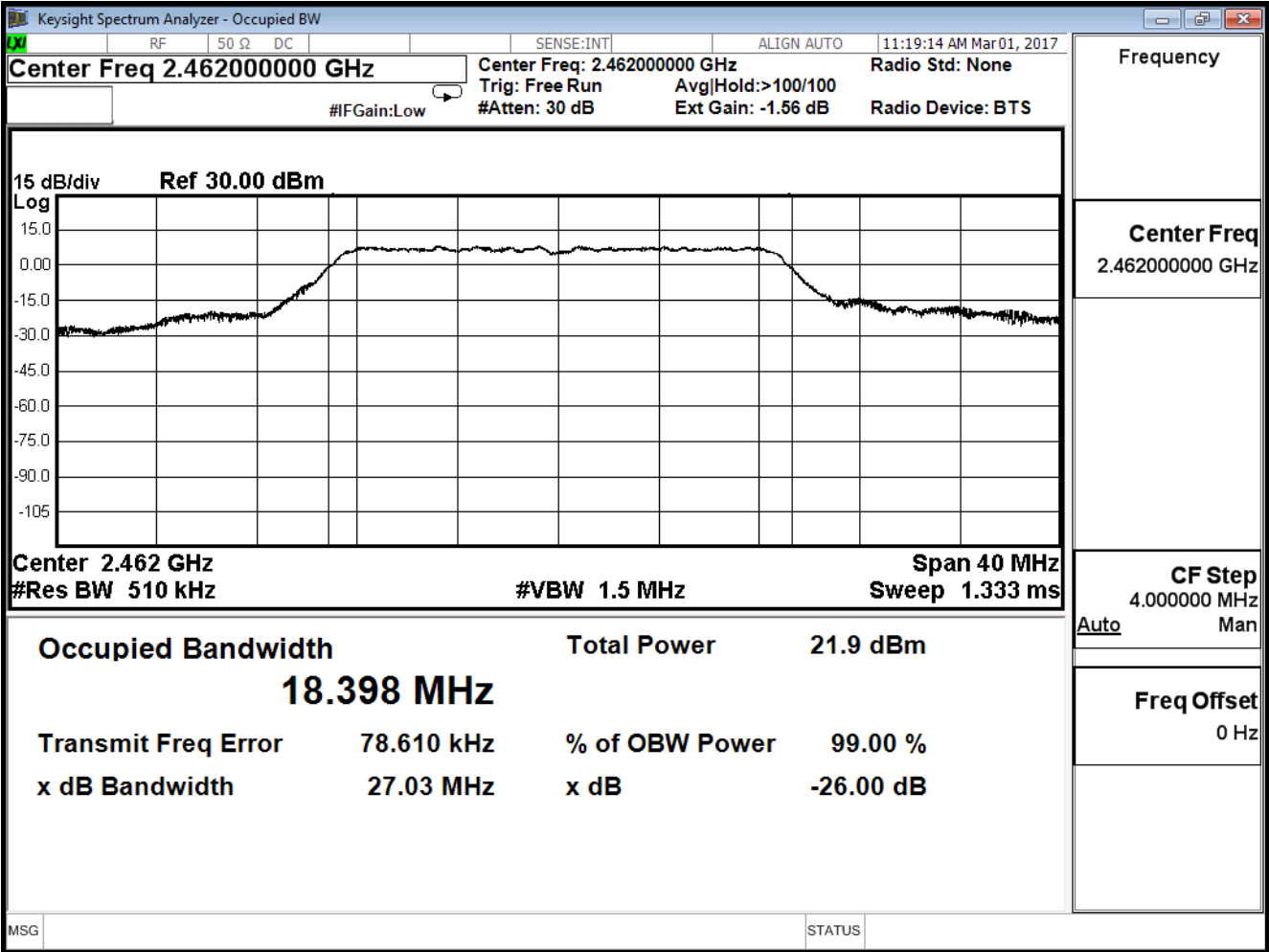
Channel 1



Channel 6



Channel 11



9. Power Density

9.1. Test Equipment

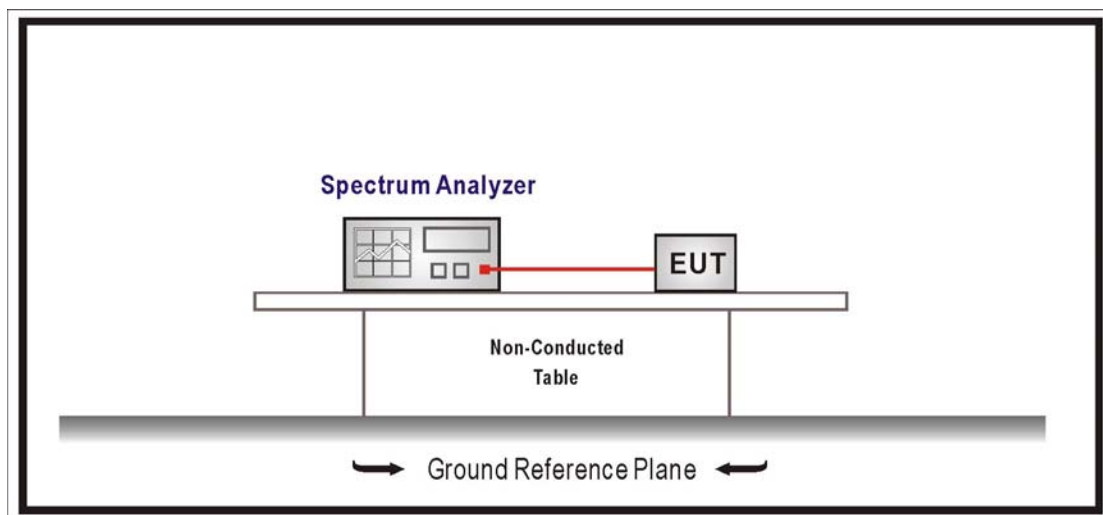
The following test equipment is used during the test:

Power Density / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

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

9.2. Test Setup



9.3. Limits

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

9.4. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure section 10.2 of KDB558074v03r05 for compliance to FCC 47CFR 15.247 requirements. Set 3KHz $\leq$ RBW $\leq$ 100 kHz, Set VBW $\geq$ 3xRBW, Sweep time=Auto, Set Peak detector.

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

9.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

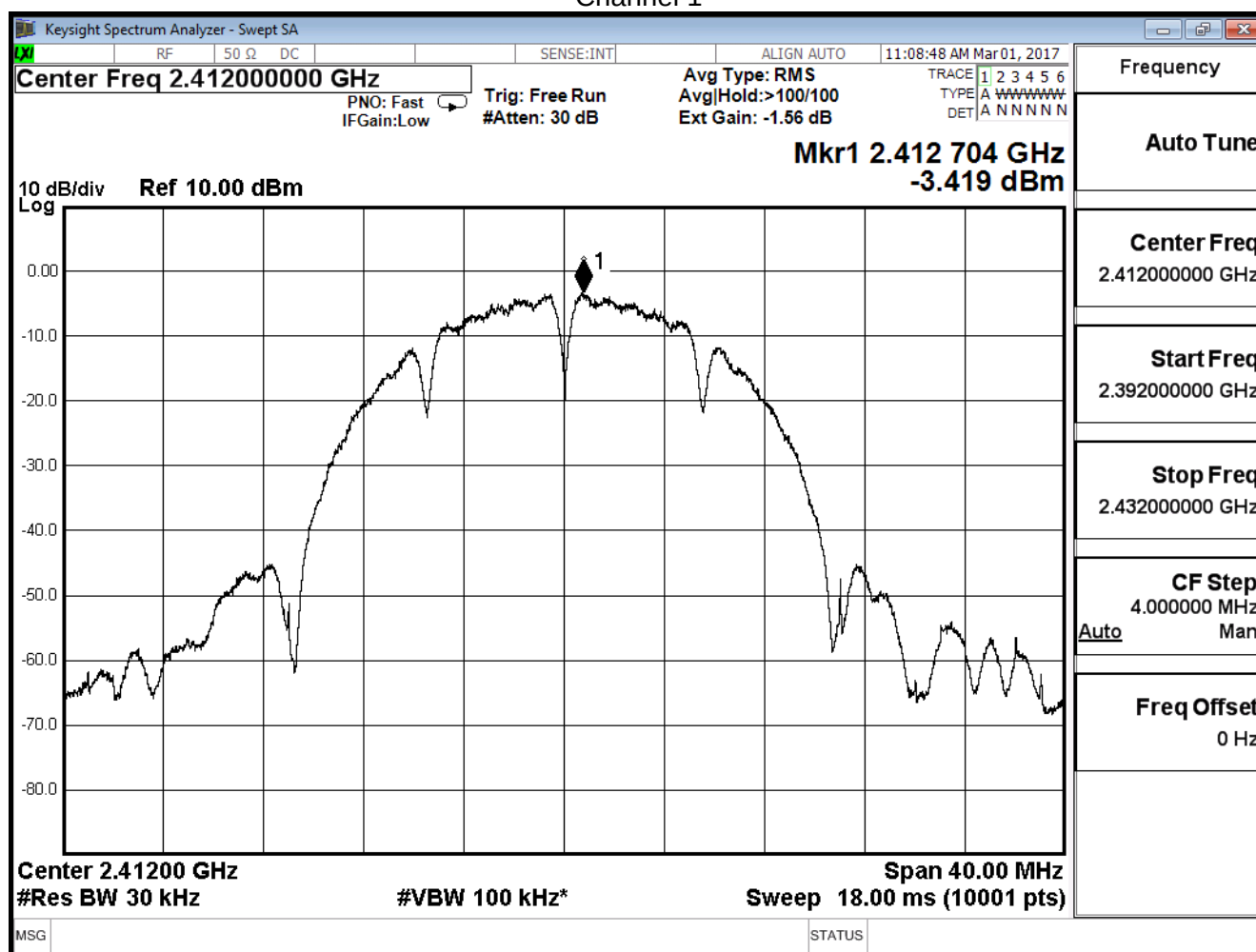
9.7. Test Result

Product	HD 180 Degree Wi-Fi Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

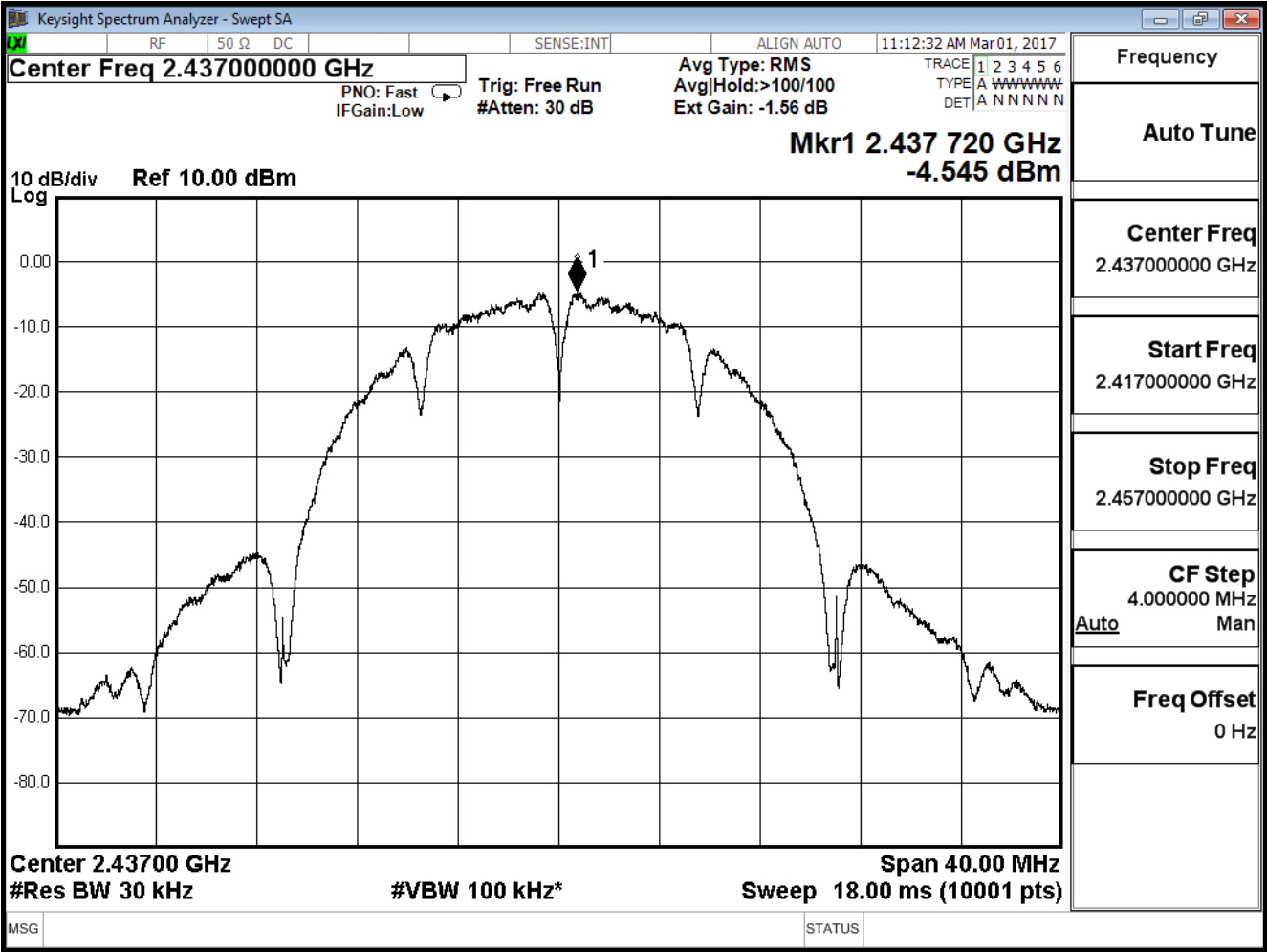
IEEE 802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-3.419	≤ 8	Pass
6	2437	-4.545	≤ 8	Pass
11	2462	-7.301	≤ 8	Pass

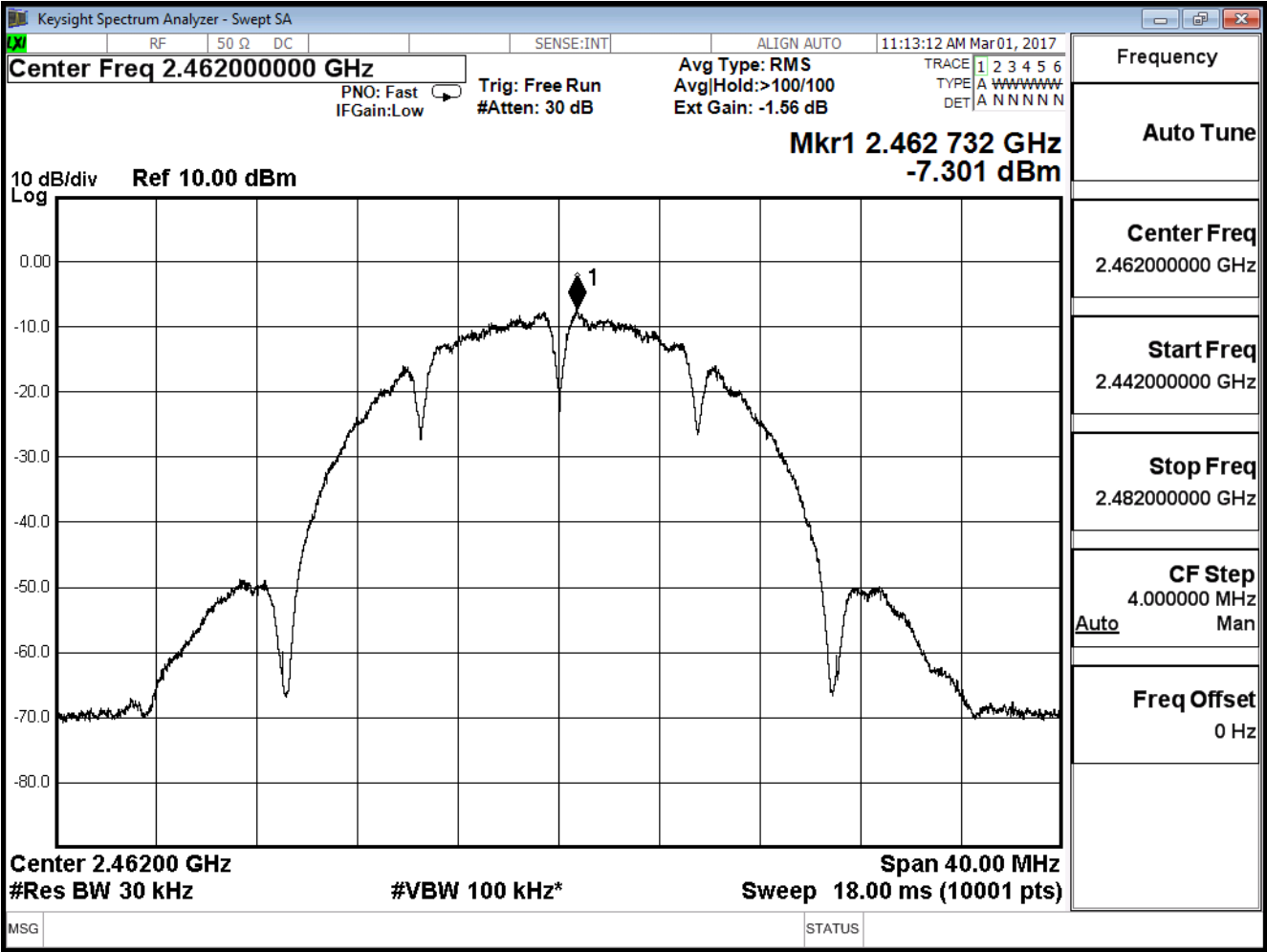
Channel 1



Channel 6



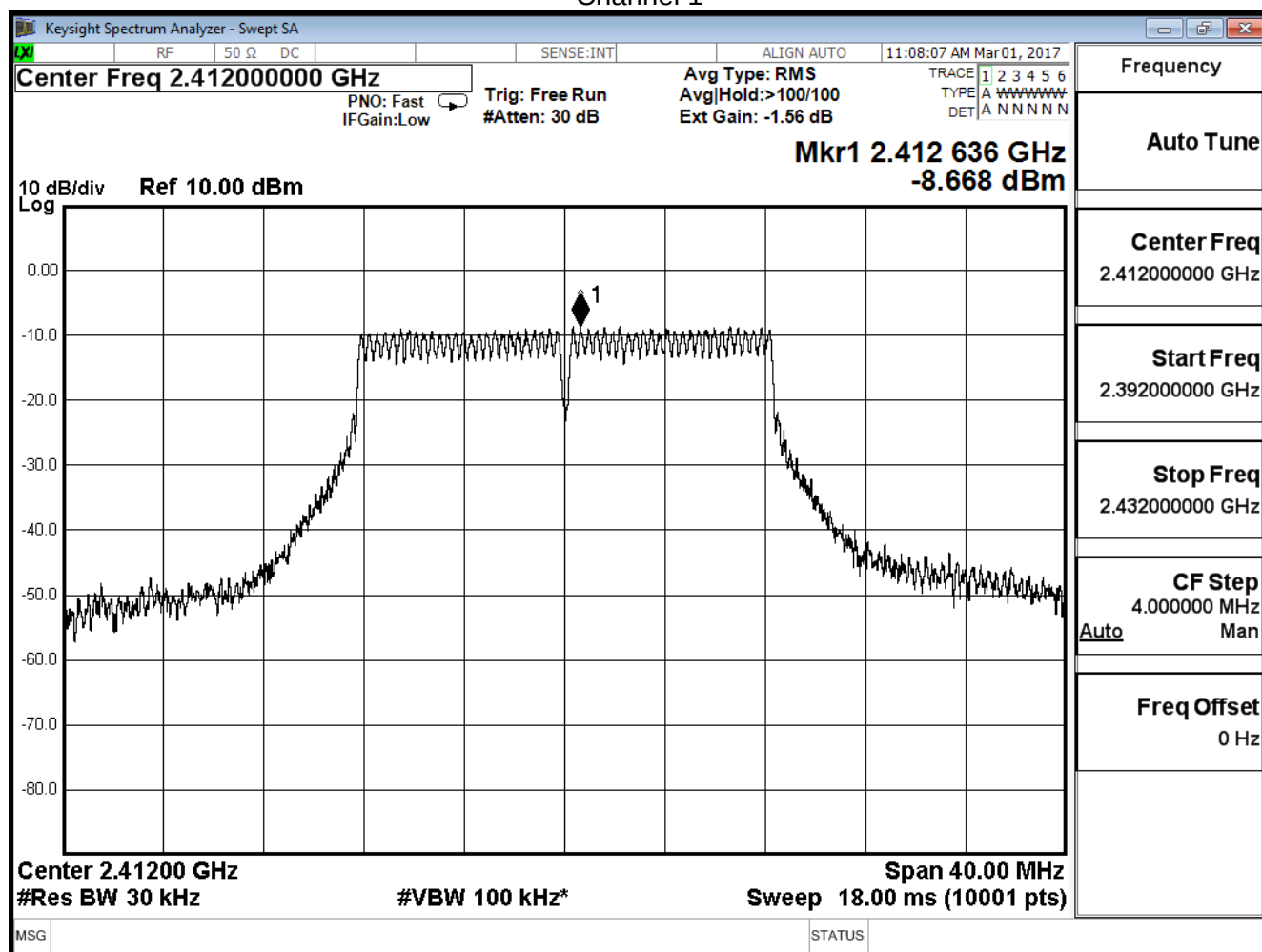
Channel 11



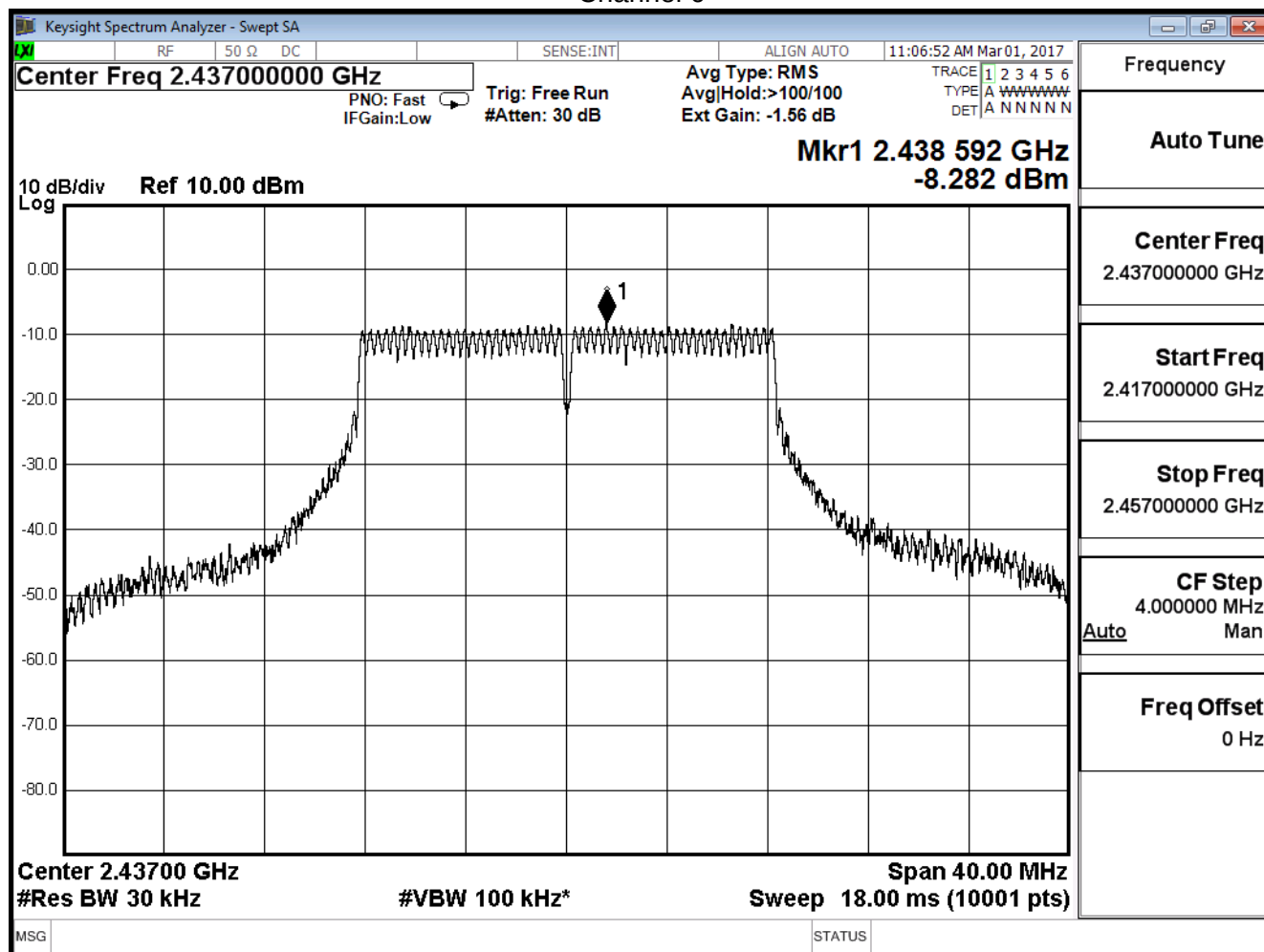
Product	HD 180 Degree Wi-Fi Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.668	≤ 8	Pass
6	2437	-8.282	≤ 8	Pass
11	2462	-9.115	≤ 8	Pass

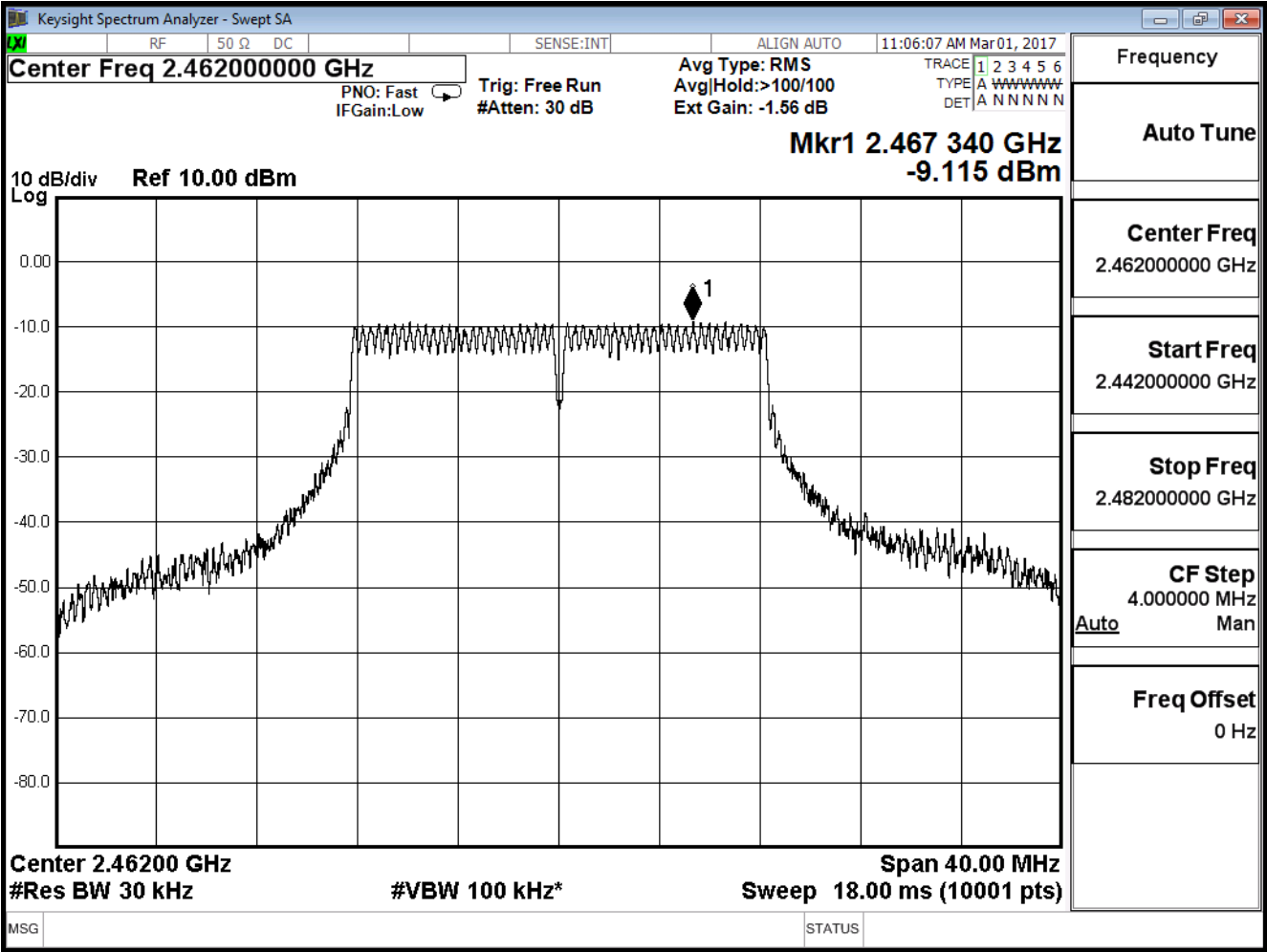
Channel 1



Channel 6



Channel 11

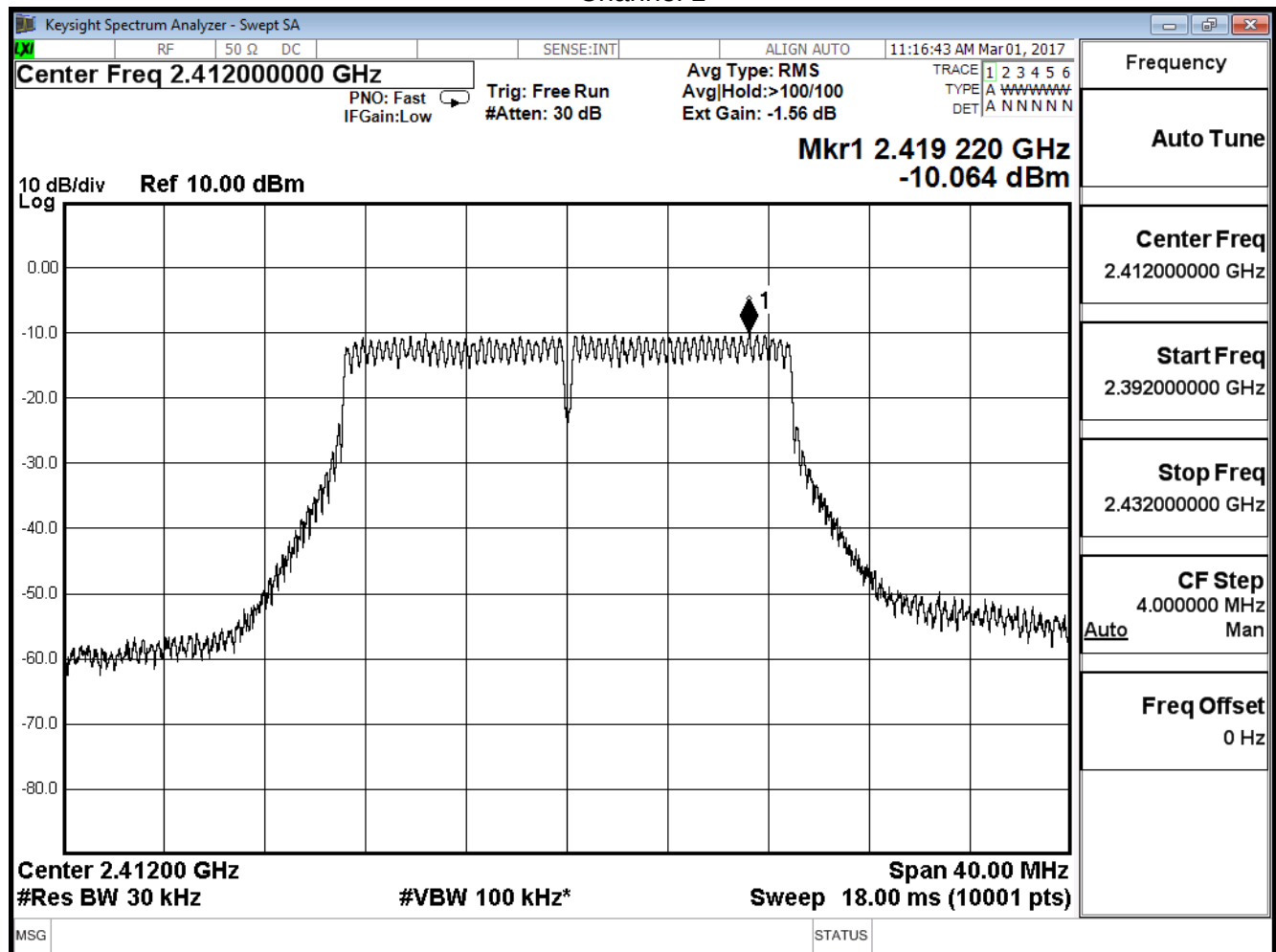


Product	HD 180 Degree Wi-Fi Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Stand)		
Date of Test	2017/03/01	Test Site	SR10-H

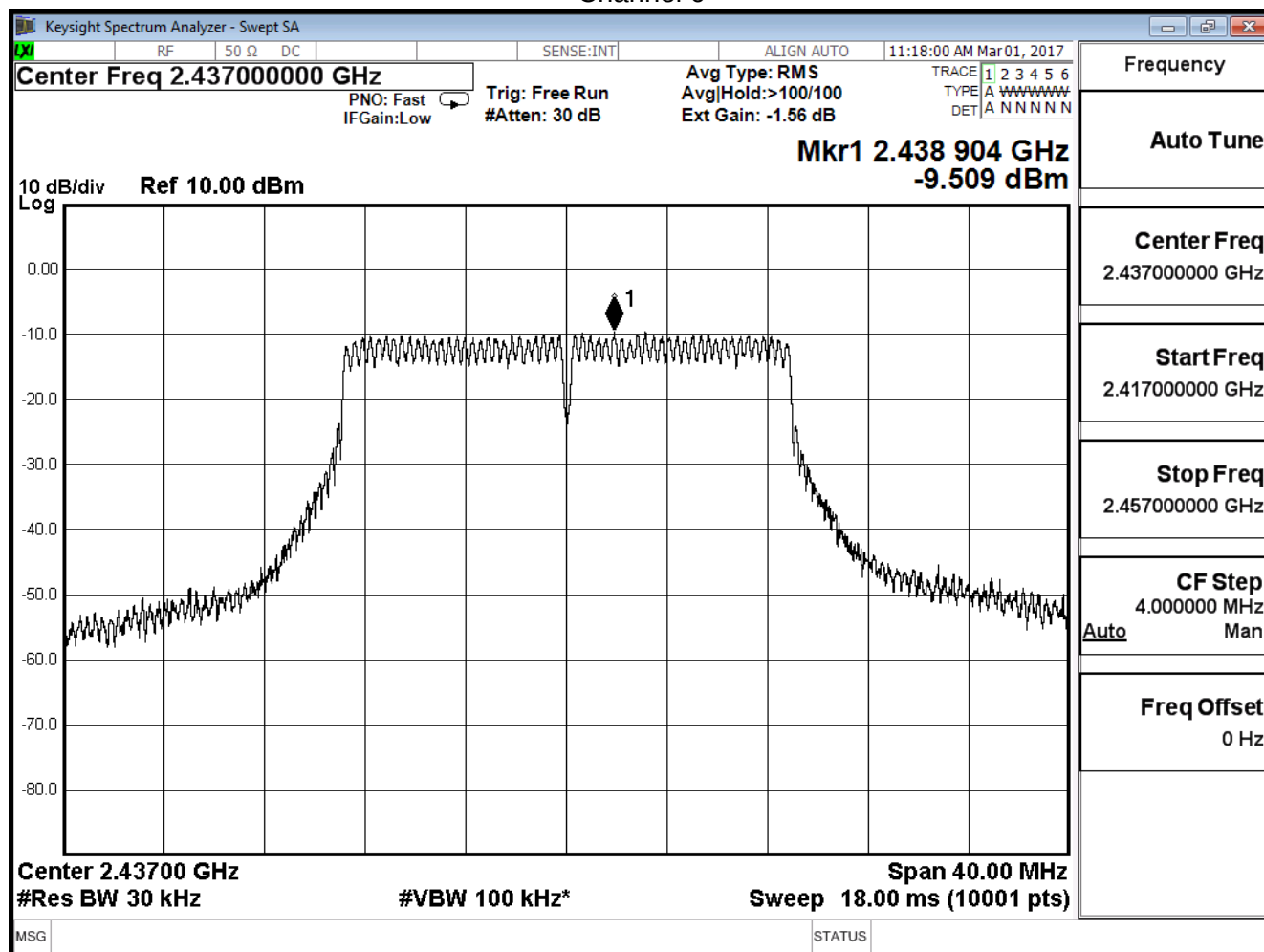
IEEE802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.064	≤ 8	Pass
6	2437	-9.509	≤ 8	Pass
11	2462	-9.795	≤ 8	Pass

Channel 1



Channel 6



Channel 11

