

FCC Test Report

Product Name : Digital Camera
Trade Name : Sightour
Model No. : OmiCam
FCC ID. : 2AMG7-OMICAM01

Applicant : Sightour Inc.
Address : 9F-1, No.16, Lane 144, Anle Rd., YungHe
Dist., New Taipei City, Taiwan 234

Date of Receipt : Jun. 07, 2017
Issued Date : Mar. 30, 2018
Report No. : 1760219R-RFUSP01V00
Report Version : V1.0



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Test Report Certification

Issued Date : Mar. 30, 2018

Report No. : 1760219R-RFUSP01V00



Product Name : Digital Camera
Applicant : Sightour Inc.
Address : 9F-1, No.16, Lane 144, Anle Rd., YungHe Dist., New Taipei
City, Taiwan 234
Manufacturer : Kenxen Limited
Model No. : OmiCam
FCC ID. : 2AMG7-OMICAM01
EUT Test Voltage : DC 3.7V
Testing Voltage : DC 3.7V
AC 120V/60Hz
Trade Name : Sightour
Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2015
ANSI C63.10: 2013
KDB 558074 D01 V04 / KDB 662911 D01 V02r01
Laboratory Name : Hsin Chu Laboratory
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Test Result : Complied

Documented By :



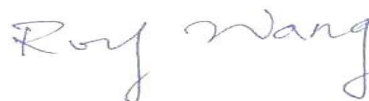
(Carol Tsai / Senior Engineering Adm. Specialist)

Tested By :



(Elwin Lin / Assistant Engineer)

Approved By :



(Roy Wang / Director)

Revision History

Report No.	Version	Description	Issued Date
1760219R-RFUSP01V00	V1.0	Initial issue of report	Mar. 30, 2018

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:

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USA	: FCC, Registration Number: 834100
Canada	: IC, Submission No: 181665 / IC Registration Number: 22397-1 / 22397-2 / 22397-3

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<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	Digital Camera	
Trade Name	Sightour	
Model No.	OmiCam	
Frequency Range/ Channel Number	IEEE 802.11b/g/ IEEE 802.11n (20MHz)	2412~2462MHz / 11 Channels
	IEEE 802.11n (40MHz)	2422~2452MHz / 7Channels
Type of Modulation	IEEE 802.11b	Direct Sequence Spread Spectrum
	IEEE 802.11g/n	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11b	1, 2, 5.5, 11Mbps
	IEEE 802.11g	6, 9, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 23 and bandwidth defined in 802.11n

Antenna Information	
Antenna Type	PIFA Antenna
Antenna Gain	1.4dBi

Accessories Information	
USB Cable	Shielded, 0.9m.

ANT-TX / RX & Bandwidth

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

IEEE 802.11n

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

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

Table 1 – MCS parameters for TX Antenna number = 1

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

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

IEEE 802.11n (40MHz)

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

Note:

1. This device is a Digital Camera including 2.4GHz b/g/n transmitting and receiving function.
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
3. Regards to the frequency band operation; the lowest, middle and highest frequency of channel were selected to perform the test, and then shown on this report.
4. This device is a composite device in accordance with Part 15 regulations. The receiving function was tested and its number is 1760219R-RFUSP01V00-A.

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
----	------------------

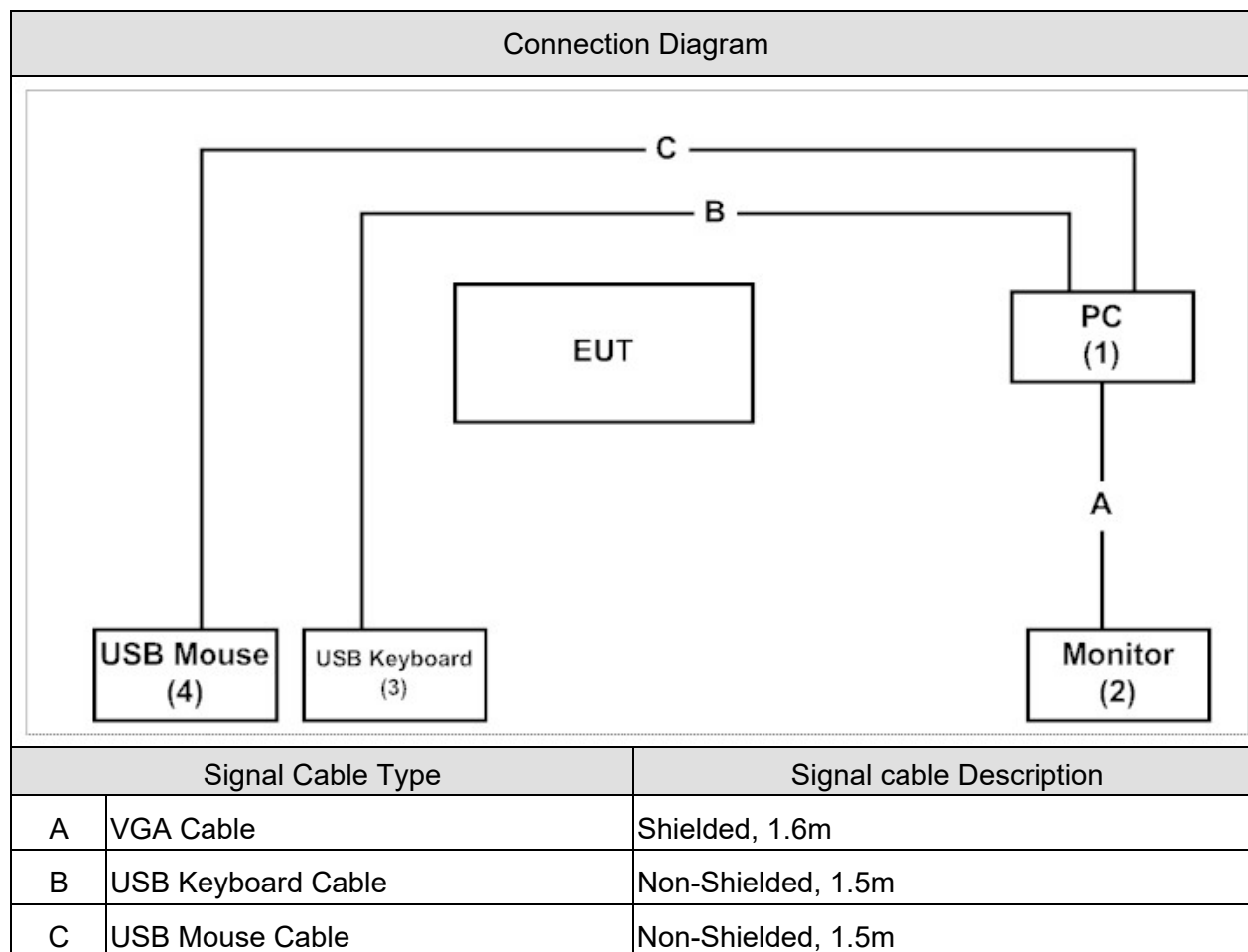
Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11n(40MHz)	6	0	Complies
Peak Power Output	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0	Complies
	11n(40MHz)	3/ 6/ 9	0	Complies
Radiated Emission	11b	1/ 6/ 11	0	Complies
	11g/11n(20MHz)	1/ 6/ 11	0	Complies
	11n(40MHz)	3/ 6/ 9	0	Complies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

1.3. Tested System Details

The types for all equipment, 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	PC	DELL	DCSM	00144-042-822-451	DoC	Non-Shielded, 1.8m
2	Monitor	CHI MEI	A170E1-09	3UC120955SA1227	DoC	Non-Shielded, 1.8m
3	USB Keyboard	Microsoft	1576	0065809394957	DoC	--
4	USB Mouse	DELL	MOA8BO	H0H007BG	DoC	--

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the “RealTek 11n 8189E SDID WLAN NIC” on the EUT.
3	Configure the test mode, the test channel, and the data rate.
4	Press “Start TX” to start the continuous transmitting.
5	Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual	Test Site
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20	3
Humidity (%RH)		25 - 75	50	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output	15 - 35	25	3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission	15 - 35	25	2
Humidity (%RH)		25 - 75	65	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test	15 - 35	25	2 3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Band Edge	15 - 35	25	2
Humidity (%RH)		25 - 75	48	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth & DTS Bandwidth	15 - 35	25	3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Power Density	15 - 35	25	3
Humidity (%RH)		25 - 75	45	
Barometric pressure (mbar)		860 - 1060	950-1000	

Note: Test site information refers to Laboratory Information.

1.7. Duty Cycle

Modulation	Duty cycle	Radiated offset
802.11b	≐ 99%	--
802.11g	≐ 99%	--
802.11n20	≐ 99%	--
802.11n40	≐ 99%	--

Note:

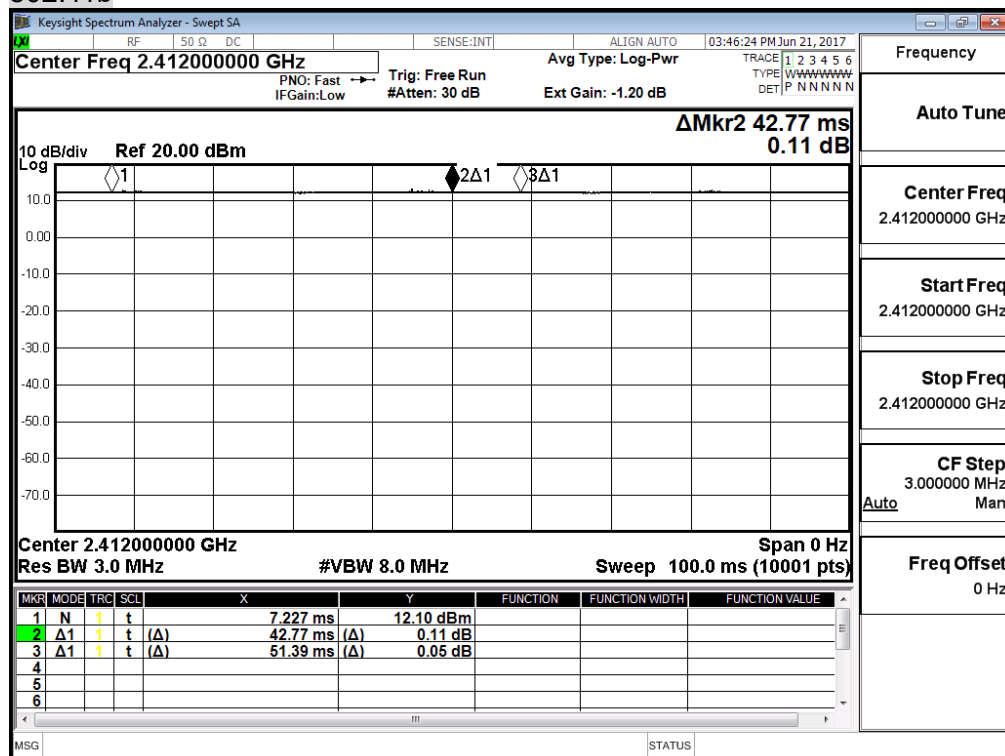
Offset = $20 \log(1/\text{duty cycle})$

Accotding to KDB 789033

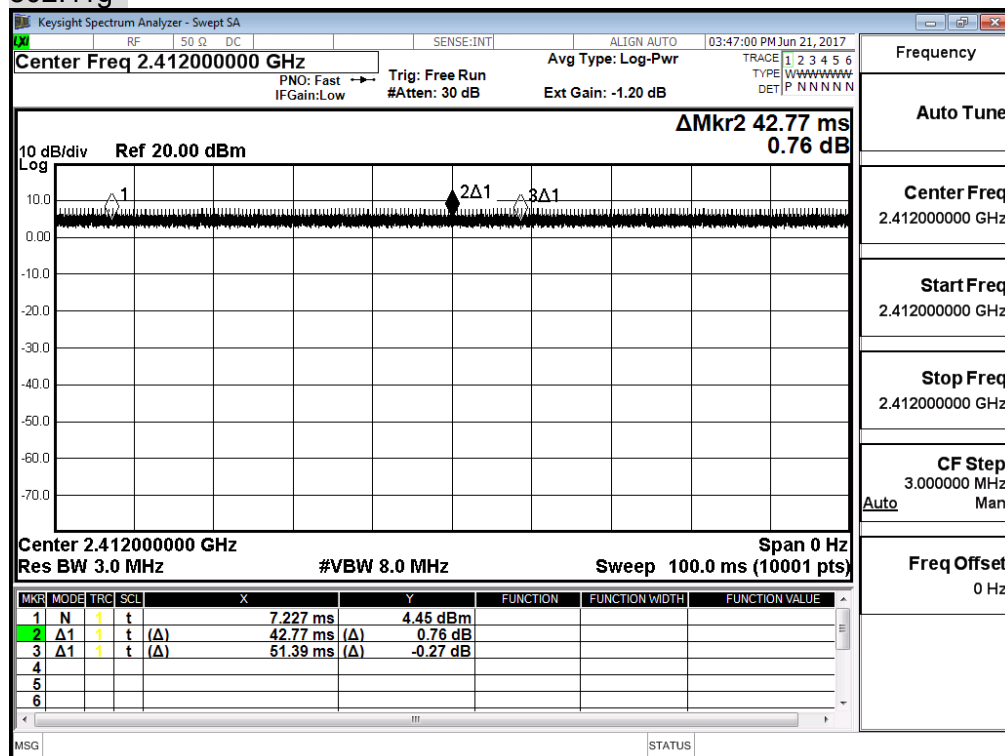
If power averaging (rms) mode was used in step (iv) above, the correction factor is $10 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB must be added to the measured emission levels.

If linear voltage averaging mode was used in step (iv) above, the correction factor is $20 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 6 dB must be added to the measured emission levels.

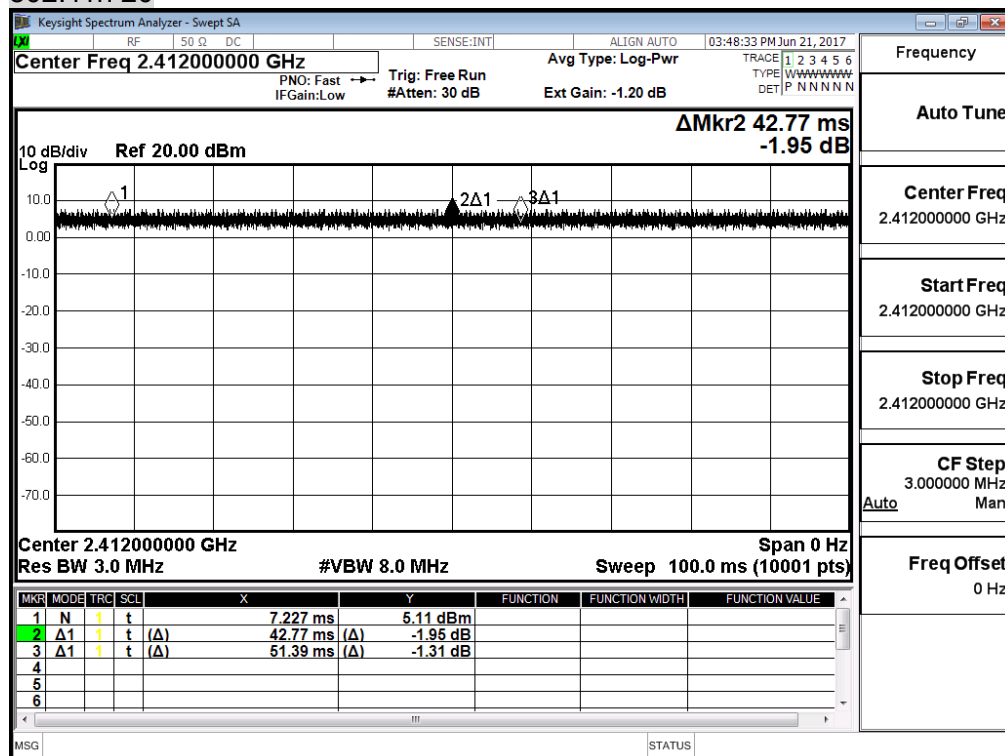
802.11b



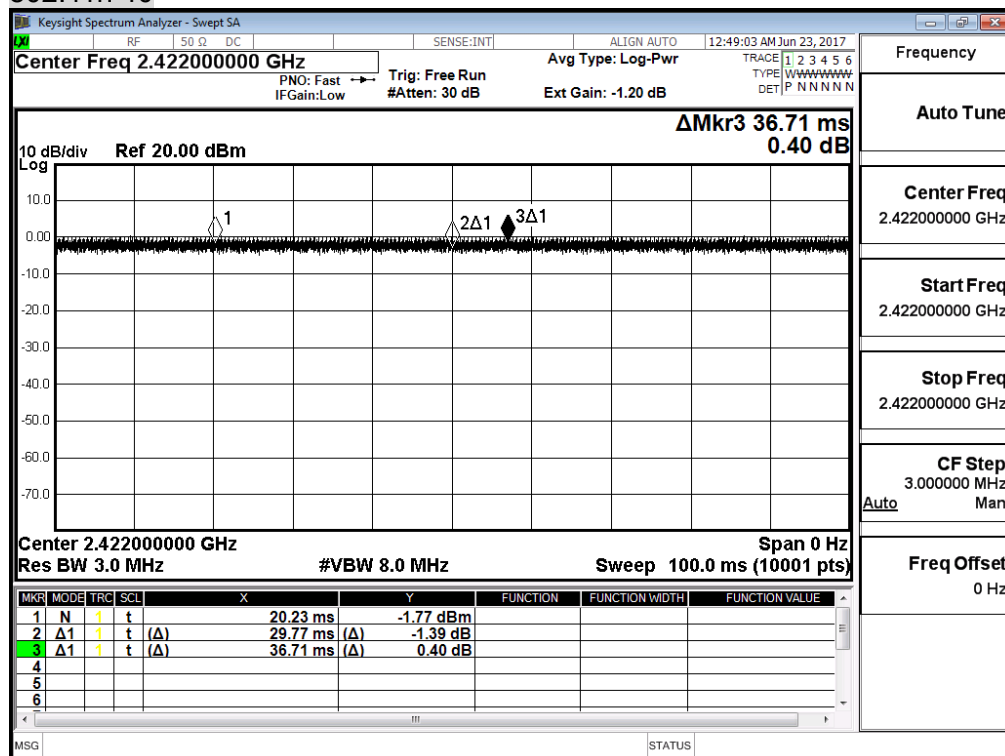
802.11g



802.11n 20



802.11n 40



2. Conducted Emission

2.1. Test Equipment

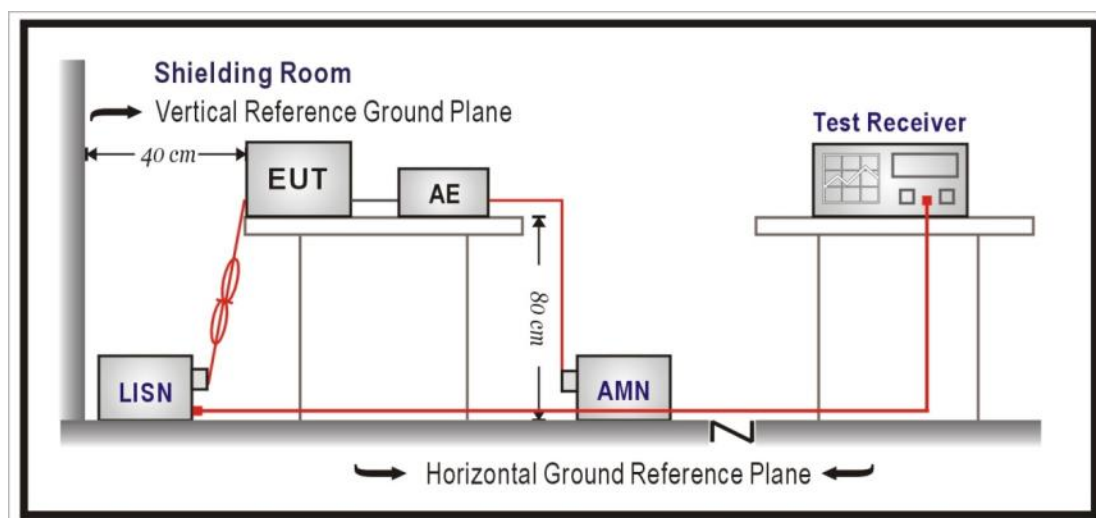
The following test equipment are used during the test:

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 equipment that need to calibrate are with calibration period of 1 year.

2.2. Test Setup



2.3. Limits

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

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

2.4. Test Procedure

The EUT was setup according to ANSI C63.4: 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

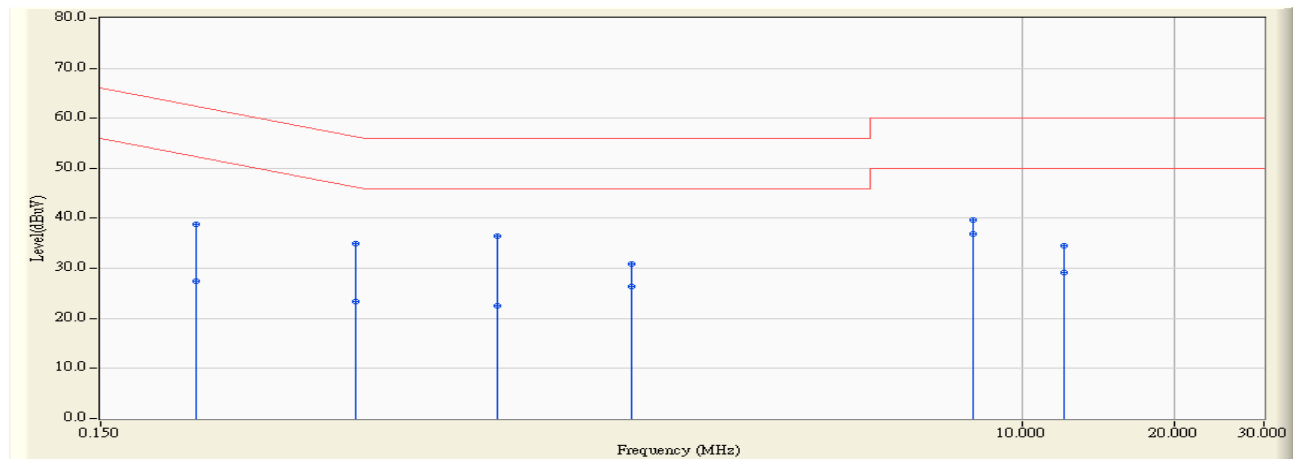
According to FCC Part 15 Subpart C Paragraph 15.207: 2015

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2-H	Time : 2017/06/29
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-H_LISN(16A)-6_0712 - Line1	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz

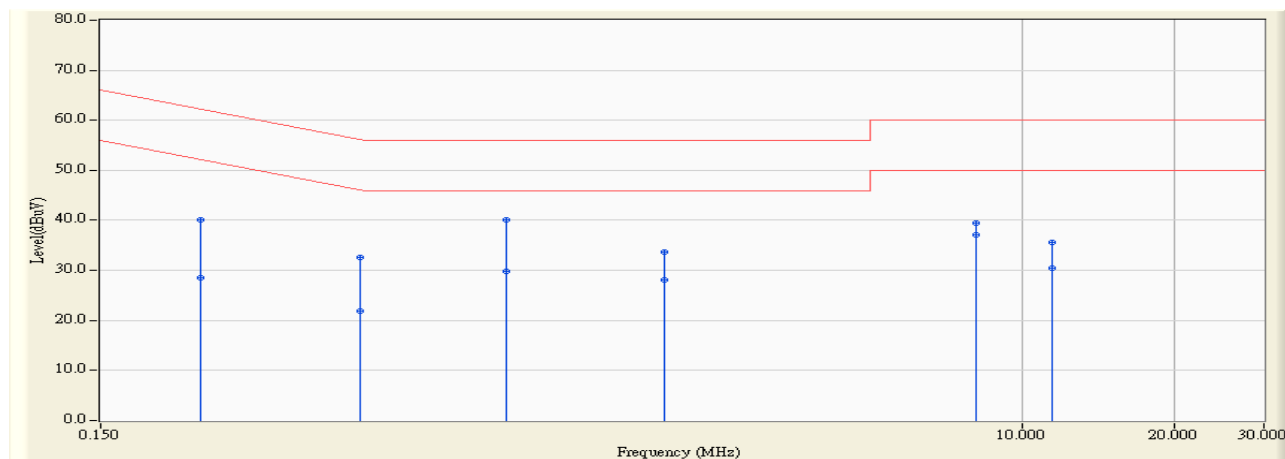


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.232	9.747	29.130	38.877	-23.500	62.377	QUASIPeAK
2		0.232	9.747	17.680	27.427	-24.950	52.377	AVERAGE
3		0.478	9.729	25.220	34.949	-21.423	56.372	QUASIPeAK
4		0.478	9.729	13.590	23.319	-23.053	46.372	AVERAGE
5		0.916	9.804	26.600	36.404	-19.596	56.000	QUASIPeAK
6		0.916	9.804	12.700	22.504	-23.496	46.000	AVERAGE
7		1.689	9.848	21.130	30.978	-25.022	56.000	QUASIPeAK
8		1.689	9.848	16.610	26.458	-19.542	46.000	AVERAGE
9		7.970	10.046	29.580	39.625	-20.375	60.000	QUASIPeAK
10	*	7.970	10.046	26.880	36.925	-13.075	50.000	AVERAGE
11		12.091	10.168	24.470	34.638	-25.362	60.000	QUASIPeAK
12		12.091	10.168	19.050	29.218	-20.782	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 : 2017/06/29
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-H_LISN(16A)-6_0712 - Line2	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.236	9.750	30.350	40.100	-22.138	62.238	QUASIPeAK
2		0.236	9.750	18.750	28.500	-23.738	52.238	AVERAGE
3		0.490	9.745	22.860	32.606	-23.565	56.170	QUASIPeAK
4		0.490	9.745	12.160	21.906	-24.265	46.170	AVERAGE
5		0.951	9.812	30.400	40.212	-15.788	56.000	QUASIPeAK
6		0.951	9.812	20.080	29.892	-16.108	46.000	AVERAGE
7		1.959	9.849	23.770	33.619	-22.381	56.000	QUASIPeAK
8		1.959	9.849	18.320	28.169	-17.831	46.000	AVERAGE
9		8.060	10.036	29.380	39.417	-20.583	60.000	QUASIPeAK
10	*	8.060	10.036	27.170	37.207	-12.793	50.000	AVERAGE
11		11.470	10.197	25.420	35.617	-24.383	60.000	QUASIPeAK
12		11.470	10.197	20.240	30.437	-19.563	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

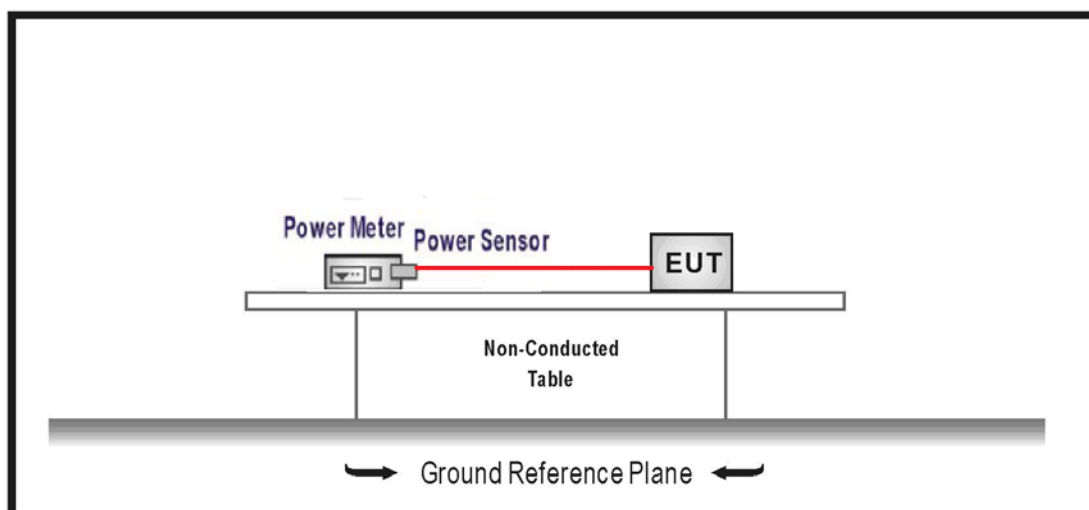
The following test equipment are used during the test:

Peak Power / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2019/01/01
Pulse Power Sensor	Anritsu	MA2411B	1531043	2019/01/01
Pulse Power Sensor	Anritsu	MA2411B	1531044	2019/01/01

Note: All equipment 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 KDB 558074 D01 V04, 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	Digital Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2018/03/29	Test Site	SR10-H

IEEE 802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	14.11	≤ 30
6	2437	13.98	≤ 30
11	2462	13.82	≤ 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	14.11	--	--	--	≤ 30
6	2437	13.98	13.96	13.93	13.88	≤ 30
11	2462	13.82	--	--	--	≤ 30

Product	Digital Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

IEEE 802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	14.030	≤ 30
6	2437	14.110	≤ 30
11	2462	14.220	≤ 30

The worst emission of data rate is 6Mbps

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412	14.030	--	--	--	--	--	--	≤ 30
6	2437	14.110	13.890	13.680	13.570	13.410	13.360	13.250	≤ 30
11	2462	14.220	--	--	--	--	--	--	≤ 30

Product	Digital Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	13.270	≤ 30
6	2437	13.180	≤ 30
11	2462	13.430	≤ 30

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
1	2412	13.270	--	--	--	--	--	--	--	≤ 30
6	2437	13.180	13.020	12.910	12.690	12.350	12.240	12.130	11.860	≤ 30
11	2462	13.430	--	--	--	--	--	--	--	≤ 30

Product	Digital Camera		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2018/03/29	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	13.280	≤ 30
6	2437	13.340	≤ 30
9	2452	12.680	≤ 30

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index								Required Limit
		0	1	2	3	4	5	6	7	
3	2422	13.280	--	--	--	--	--	--	--	≤ 30
6	2437	13.340	13.210	12.780	12.590	12.370	12.240	12.150	11.890	≤ 30
9	2452	12.680	--	--	--	--	--	--	--	≤ 30

4. Radiated Emission

4.1. Test Equipment

The following test equipment are used during the test:

Radiated Emission / CB4-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum	Agilent	E4440A	MY46187335	2017/12/21
Bilog Antenna	Teseq	CBL6112D	23191	2017/07/04
Horn Antenna	Schwarzbeck	BBHA 9120 D	1640	2017/10/23
Pre-Amplifier	EMCI	EMC01820I	12143782	2018/03/08
Pre-Amplifier	EMCI	EMC01820I	980367	2018/02/09
Magnetic Loop Antenna	Teseq	HLA 6121	44287	2017/10/25
Test Receiver	R&S	ESCS 30	825442/017	2018/01/04
EMI Test Receiver	R&S	ESR7	101762	2017/11/28
EMI Test Receiver	R&S	ESR7	101761	2017/11/28

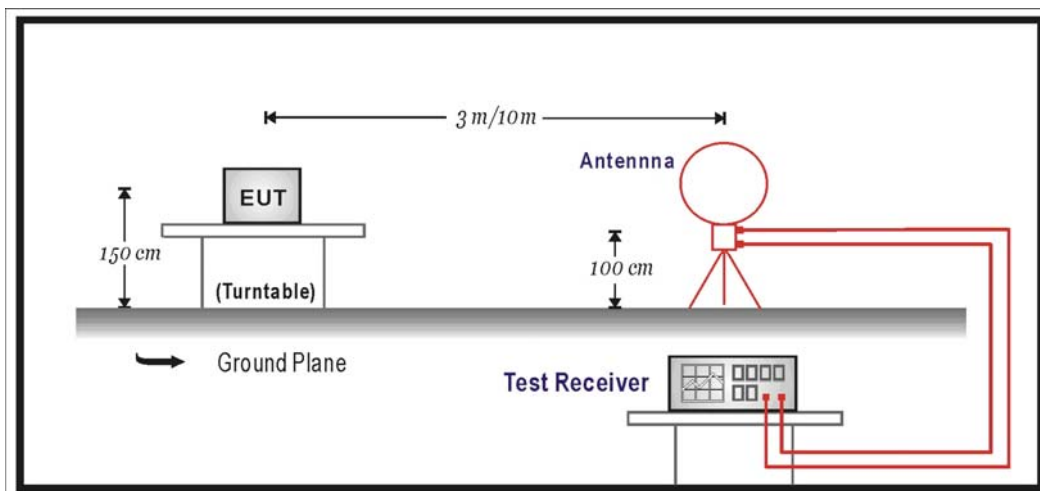
Radiated Emission / CB2-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101455	2017/11/27
Bilog Antenna	Teseq	CBL6112D	23191	2017/07/04
Horn Antenna	Schwarzbeck	BBHA 9120	D639	2018/06/13
Pre-Amplifier	EMCI	EMC01820I	12162511	2018/03/08
Pre-Amplifier	EMCI	EMC01820I	980366	2018/01/22

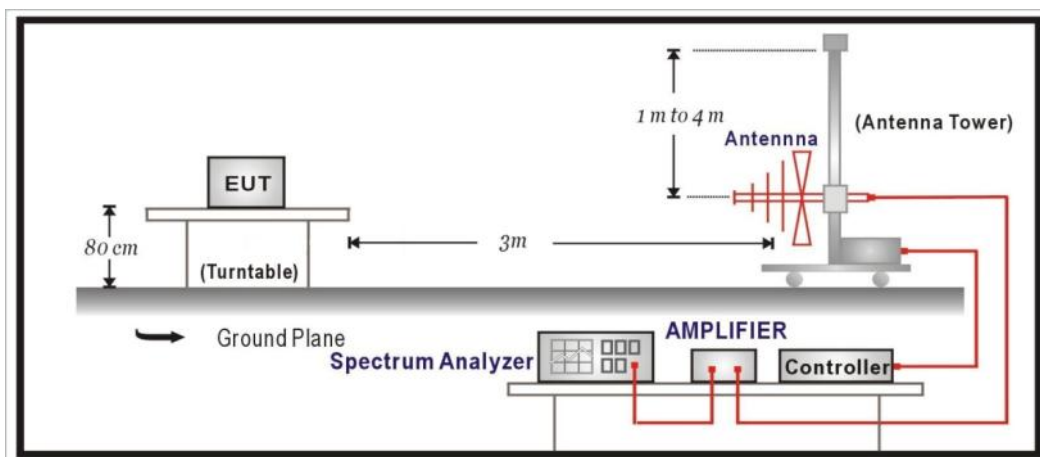
Note: All equipment that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

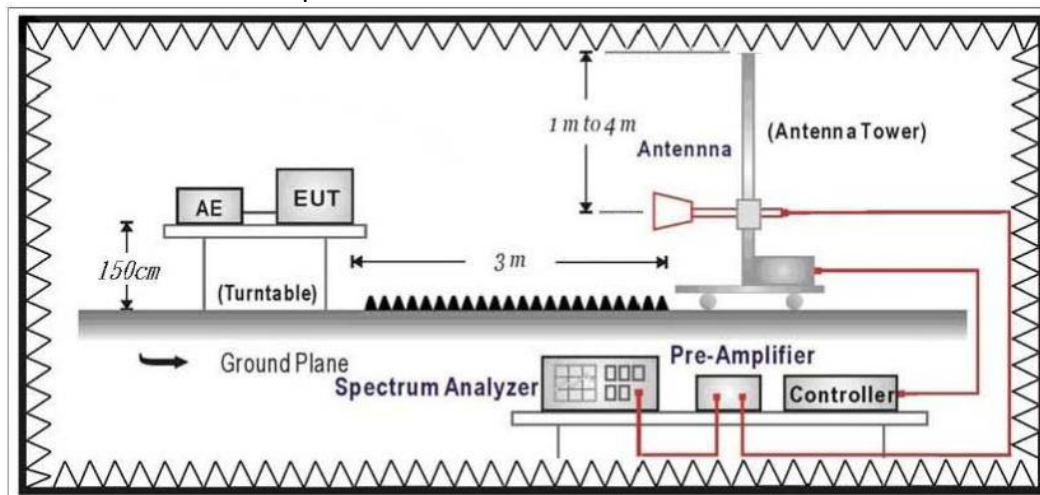
Under 30MHz Test Setup:



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 KDB 558074 D01 V04 for compliance to FCC 47CFR 15.247 requirements. The EUT and its simulators are placed on a turn table which is 1.5 meter above ground (under 1GHz) or 1.5 meter above ground (above 1GHz). The turn table can rotate 360 degrees to determine the position of the maximum emission level.

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

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

The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

4.6. Uncertainty

The measurement uncertainty

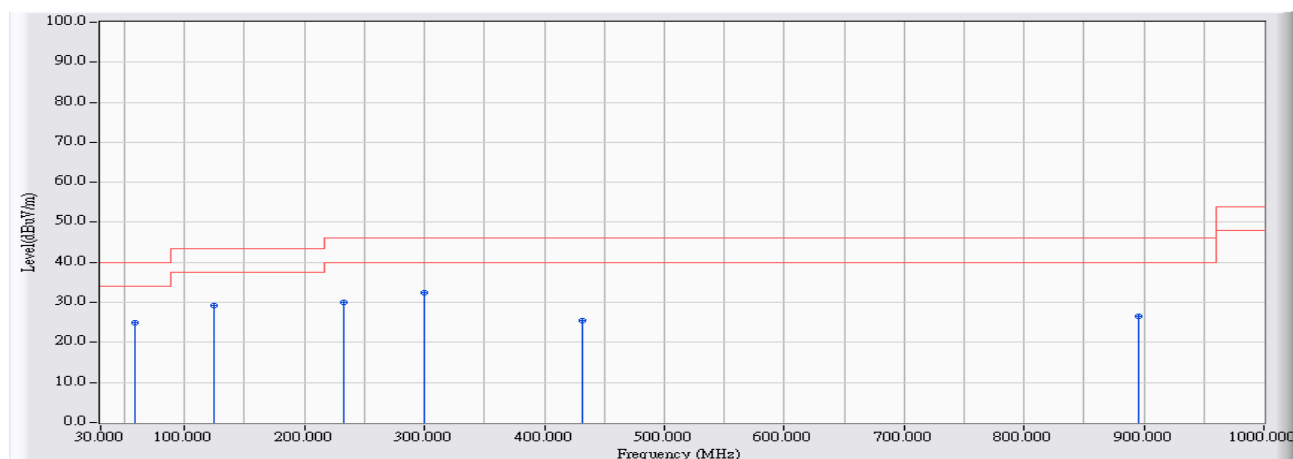
30MHz~1GHz as $\pm 3.43\text{dB}$

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

4.7. Test Result

30MHz-1GHz Spurious

Site : CB4-H	Time : 2017/06/28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 80211.b_2437MHz

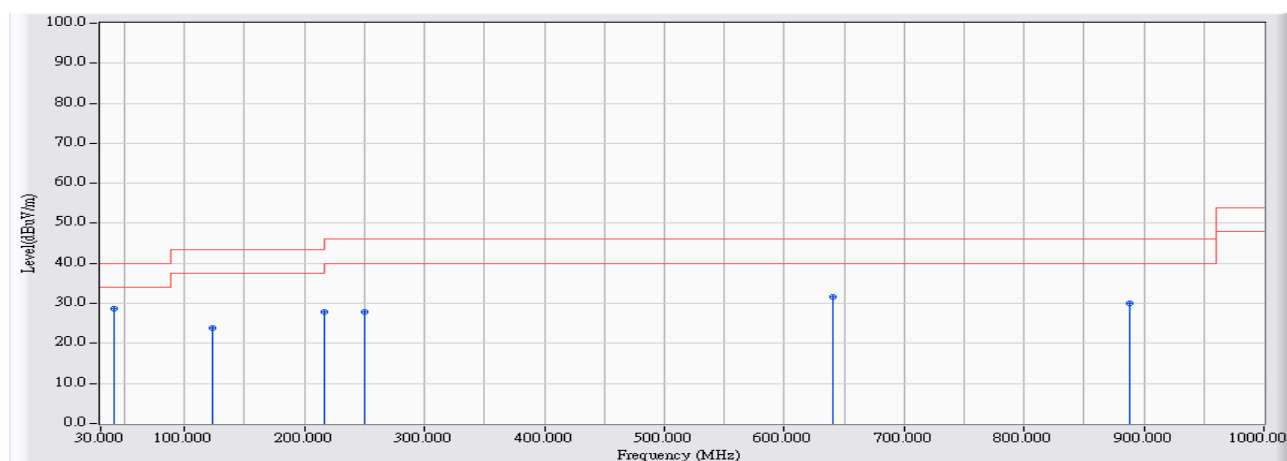


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	58.906	-28.016	52.844	24.828	-15.172	40.000	QUASIPeAK
2	124.963	-21.197	50.312	29.115	-14.385	43.500	QUASIPeAK
3	233.118	-21.229	51.181	29.952	-16.048	46.000	QUASIPeAK
4	* 299.757	-19.405	51.865	32.460	-13.540	46.000	QUASIPeAK
5	431.386	-15.447	40.910	25.463	-20.537	46.000	QUASIPeAK
6	895.919	-8.616	35.129	26.514	-19.486	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. No emission found between lowest internal used/generated frequency to 30MHz.

Site : CB4-H	Time : 2017/06/28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 80211.b_2437MHz

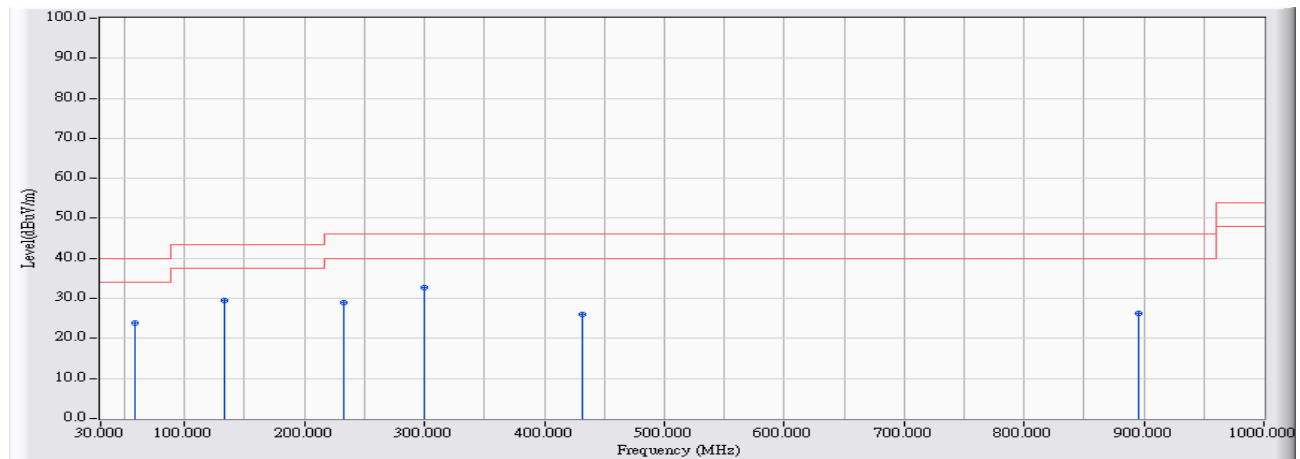


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	41.737	-18.502	47.078	28.576	-11.424	40.000	QUASIPeAK
2		123.702	-21.181	45.095	23.914	-19.586	43.500	QUASIPeAK
3		215.949	-22.224	50.193	27.969	-15.531	43.500	QUASIPeAK
4		249.996	-20.128	48.068	27.940	-18.060	46.000	QUASIPeAK
5		640.033	-12.716	44.384	31.668	-14.332	46.000	QUASIPeAK
6		888.062	-8.374	38.440	30.065	-15.935	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.
4. No emission found between lowest internal used/generated frequency to 30MHz.

Site : CB4-H	Time : 2017/06/28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2437MHz

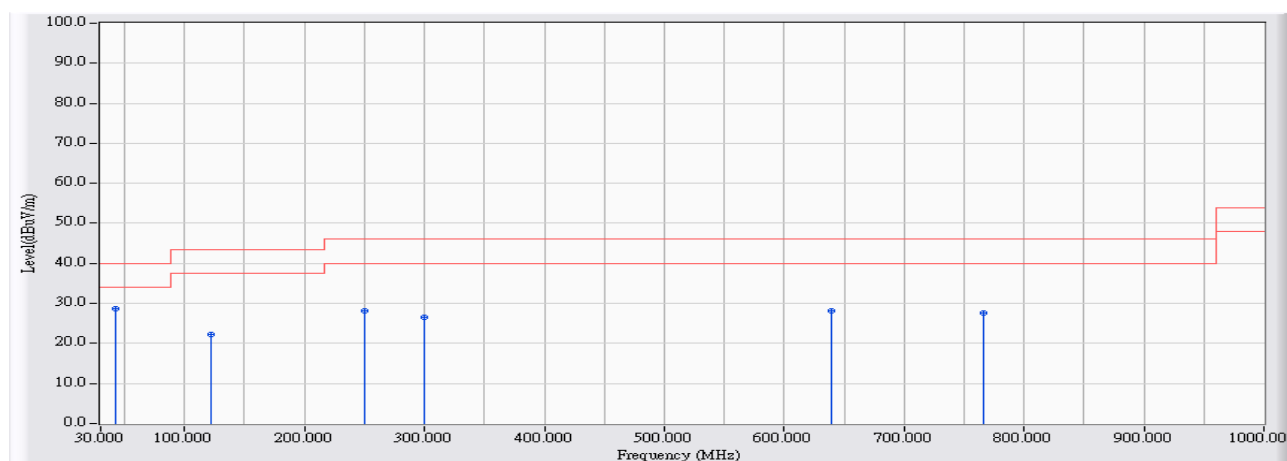


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	58.906	-28.016	51.994	23.978	-16.022	40.000	QUASIPeAK
2	132.723	-21.350	50.826	29.476	-14.024	43.500	QUASIPeAK
3	232.245	-21.277	50.110	28.832	-17.168	46.000	QUASIPeAK
4	* 299.757	-19.405	52.099	32.694	-13.306	46.000	QUASIPeAK
5	431.386	-15.447	41.390	25.943	-20.057	46.000	QUASIPeAK
6	896.016	-8.620	34.849	26.229	-19.771	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.
4. No emission found between lowest internal used/generated frequency to 30MHz.

Site : CB4-H	Time : 2017/06/28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2437MHz

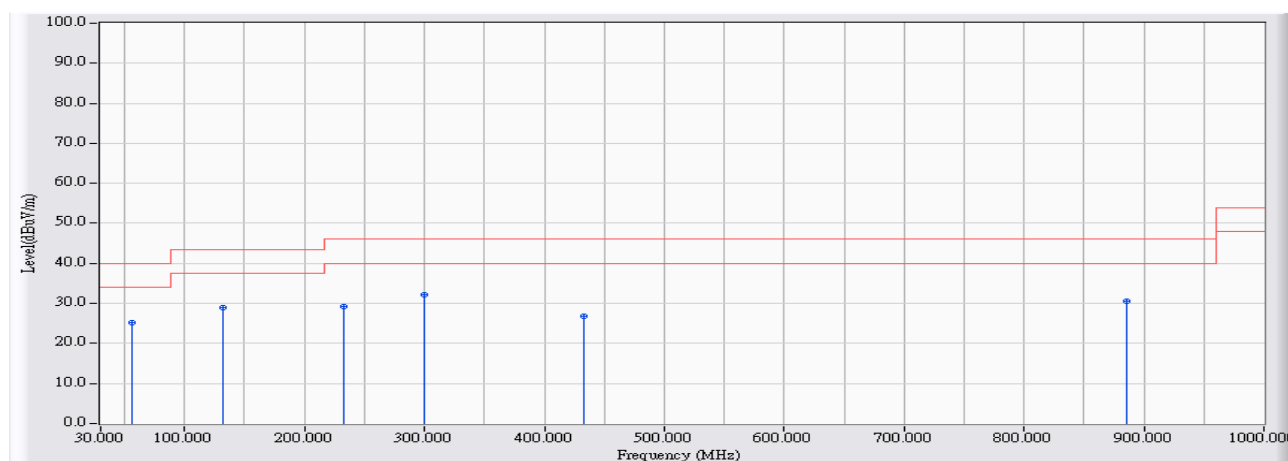


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.028	-18.864	47.584	28.721	-11.279	40.000	QUASIPeAK
2		122.150	-21.162	43.407	22.245	-21.255	43.500	QUASIPeAK
3		249.996	-20.128	48.312	28.184	-17.816	46.000	QUASIPeAK
4		299.757	-19.405	45.858	26.453	-19.547	46.000	QUASIPeAK
5		639.936	-12.711	40.927	28.216	-17.784	46.000	QUASIPeAK
6		766.327	-10.692	38.197	27.505	-18.495	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.
4. No emission found between lowest internal used/generated frequency to 30MHz.

Site : CB4-H	Time : 2017/06/28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2437MHz

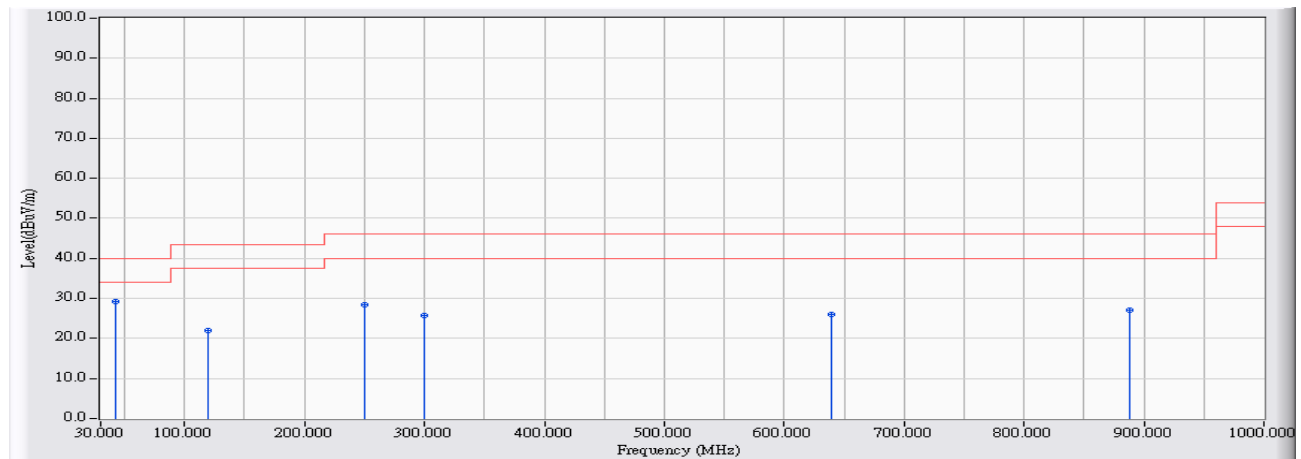


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	56.190	-27.274	52.537	25.263	-14.737	40.000	QUASIPeAK
2	131.462	-21.308	50.217	28.910	-14.590	43.500	QUASIPeAK
3	233.118	-21.229	50.570	29.341	-16.659	46.000	QUASIPeAK
4	* 299.854	-19.404	51.444	32.040	-13.960	46.000	QUASIPeAK
5	433.035	-15.395	42.241	26.845	-19.155	46.000	QUASIPeAK
6	885.055	-8.473	38.936	30.463	-15.537	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.
4. No emission found between lowest internal used/generated frequency to 30MHz.

Site : CB4-H	Time : 2017/06/28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2437MHz

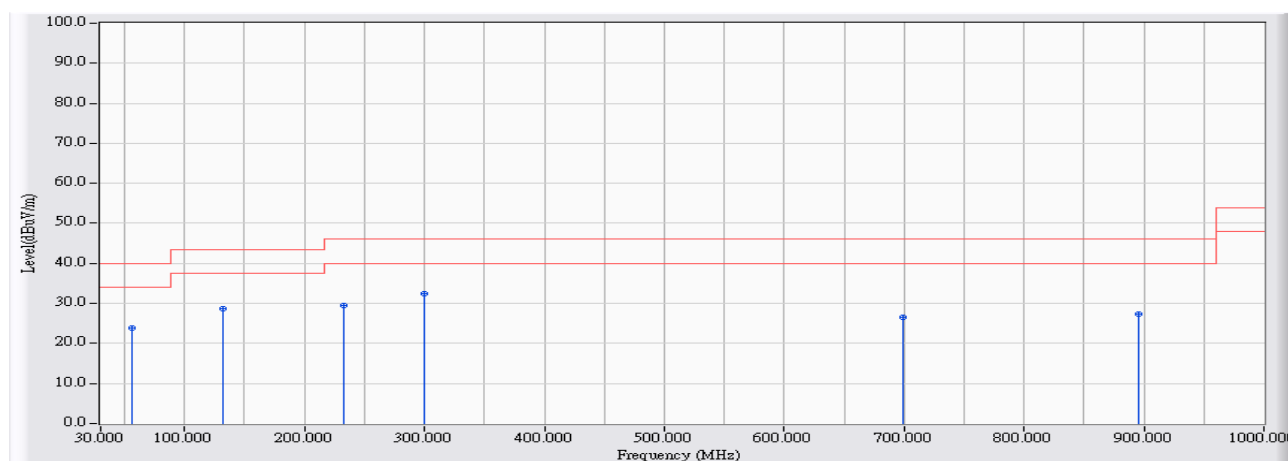


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	41.834	-18.623	47.884	29.262	-10.738	40.000	QUASIPeAK
2		119.240	-21.219	43.173	21.954	-21.546	43.500	QUASIPeAK
3		249.996	-20.128	48.424	28.296	-17.704	46.000	QUASIPeAK
4		299.757	-19.405	45.105	25.700	-20.300	46.000	QUASIPeAK
5		639.936	-12.711	38.744	26.033	-19.967	46.000	QUASIPeAK
6		888.062	-8.374	35.345	26.970	-19.030	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.
4. No emission found between lowest internal used/generated frequency to 30MHz.

Site : CB4-H	Time : 2017/06/28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz

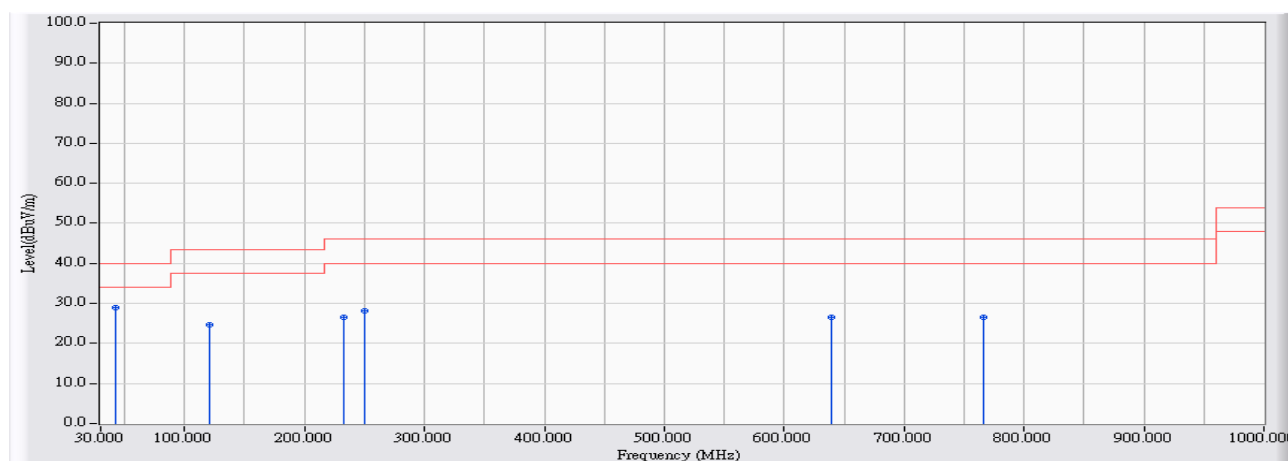


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	56.093	-27.247	51.008	23.761	-16.239	40.000	QUASIPeAK
2	131.462	-21.308	49.860	28.553	-14.947	43.500	QUASIPeAK
3	233.118	-21.229	50.812	29.583	-16.417	46.000	QUASIPeAK
4	* 299.757	-19.405	51.811	32.406	-13.594	46.000	QUASIPeAK
5	699.591	-12.002	38.451	26.448	-19.552	46.000	QUASIPeAK
6	896.016	-8.620	35.841	27.221	-18.779	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.
4. No emission found between lowest internal used/generated frequency to 30MHz.

Site : CB4-H	Time : 2017/06/28
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB4-H_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz



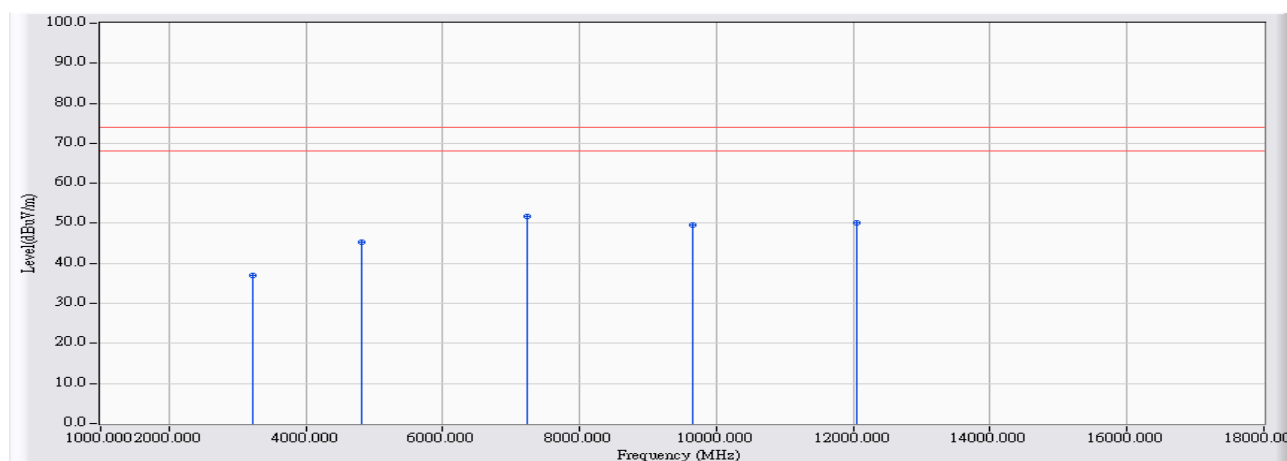
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.125	-18.983	47.957	28.973	-11.027	40.000	QUASIPeAK
2		120.695	-21.143	45.813	24.669	-18.831	43.500	QUASIPeAK
3		233.118	-21.229	47.765	26.536	-19.464	46.000	QUASIPeAK
4		249.996	-20.128	48.398	28.270	-17.730	46.000	QUASIPeAK
5		639.936	-12.711	39.188	26.477	-19.523	46.000	QUASIPeAK
6		766.327	-10.692	37.345	26.653	-19.347	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.
4. No emission found between lowest internal used/generated frequency to 30MHz.

Above 1GHz Spurious

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2412MHz

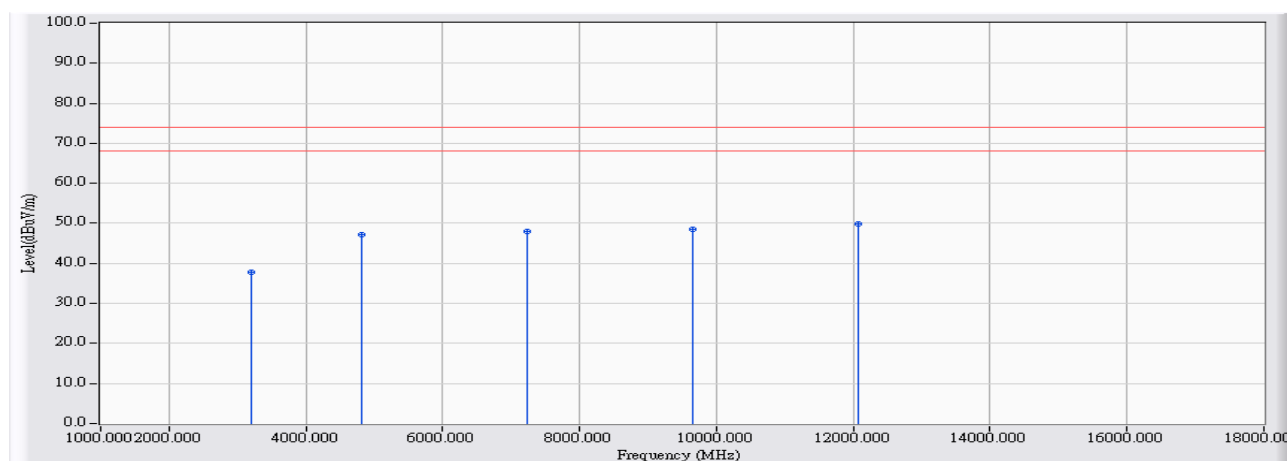


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	3221.610	-6.763	43.860	37.097	-36.903	74.000	PEAK
2	4824.065	-0.219	45.630	45.411	-28.589	74.000	PEAK
3	* 7236.085	7.127	44.680	51.807	-22.193	74.000	PEAK
4	9648.375	12.586	36.910	49.496	-24.504	74.000	PEAK
5	12060.315	15.337	34.810	50.147	-23.853	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 less than 20dBm from the limit, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2412MHz

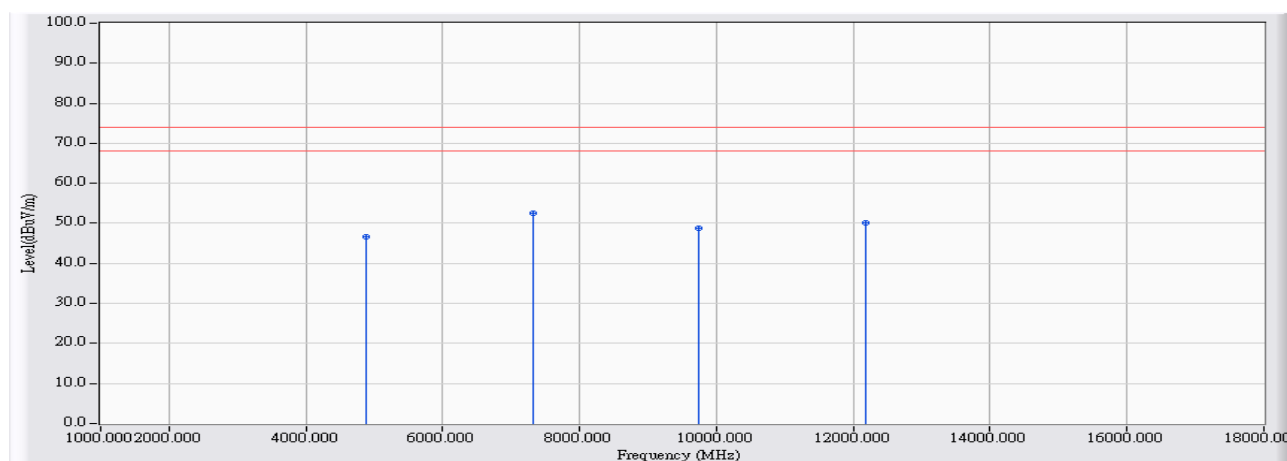


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3210.250	-6.782	44.500	37.719	-36.281	74.000	PEAK
2		4824.075	-0.219	47.350	47.131	-26.869	74.000	PEAK
3		7236.265	7.126	40.790	47.917	-26.083	74.000	PEAK
4		9651.205	12.579	36.010	48.588	-25.412	74.000	PEAK
5	*	12063.085	15.328	34.600	49.928	-24.072	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 less than 20dBm from the limit, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2437MHz

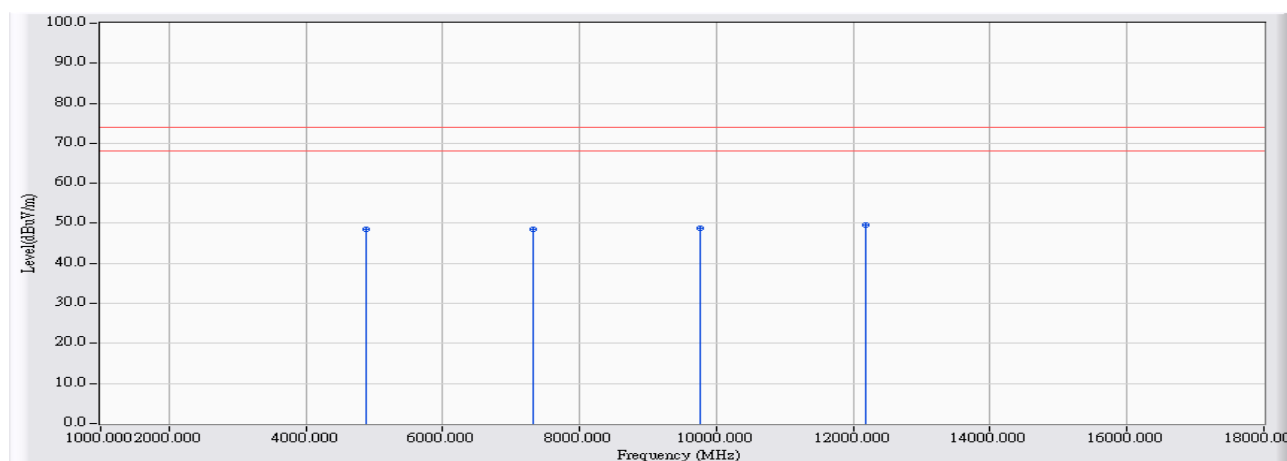


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4873.885	-0.141	46.920	46.779	-27.221	74.000	PEAK
2	* 7310.905	7.404	45.260	52.664	-21.336	74.000	PEAK
3	9749.880	12.854	36.030	48.884	-25.116	74.000	PEAK
4	12181.215	14.917	35.210	50.127	-23.873	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 less than 20dBm from the limit, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2437MHz

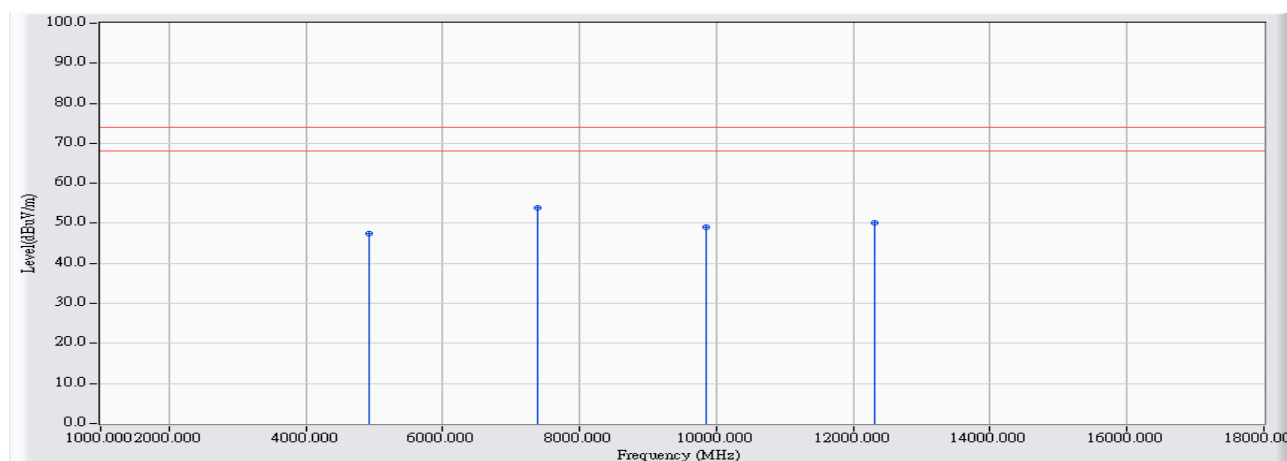


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.045	-0.140	48.780	48.640	-25.360	74.000	PEAK
2		7310.780	7.404	41.250	48.653	-25.347	74.000	PEAK
3		9751.640	12.855	35.900	48.756	-25.244	74.000	PEAK
4	*	12181.810	14.914	34.640	49.555	-24.445	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2462MHz

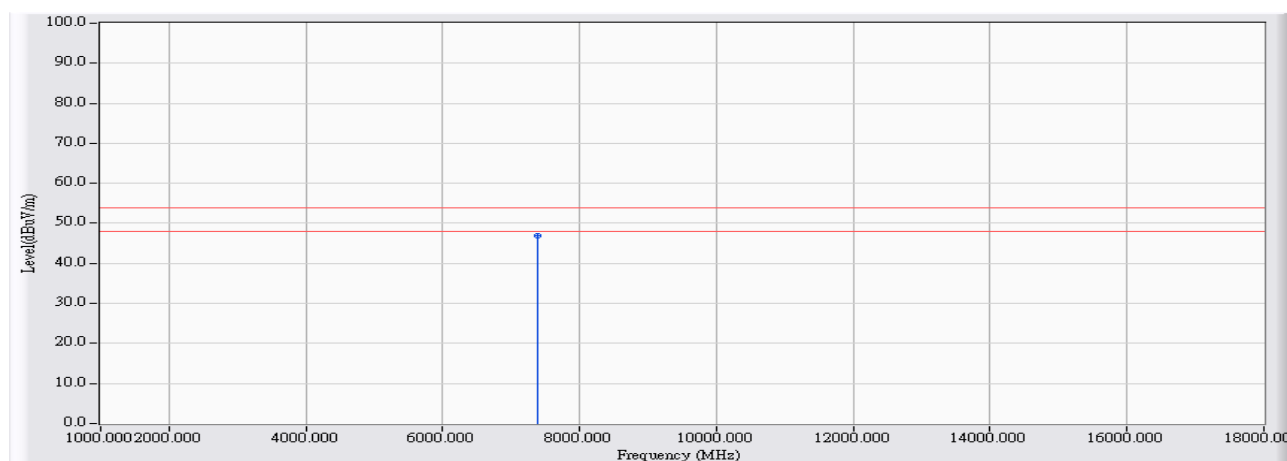


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.070	-0.076	47.510	47.435	-26.565	74.000	PEAK
2	*	7385.830	7.673	46.160	53.834	-20.166	74.000	PEAK
3		9847.865	12.989	36.000	48.989	-25.011	74.000	PEAK
4		12307.660	15.080	35.040	50.120	-23.880	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2462MHz

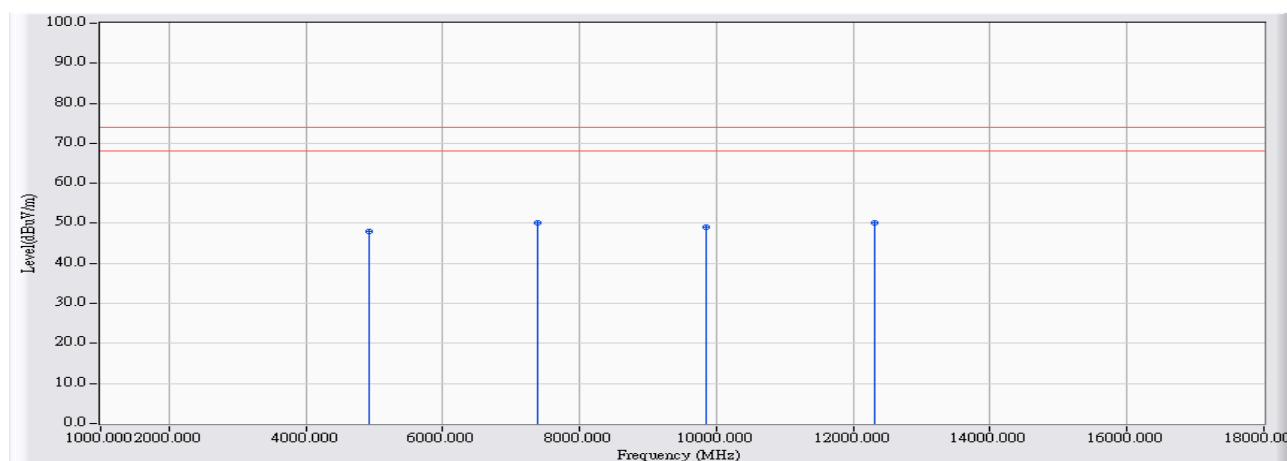


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7385.195	7.671	39.160	46.831	-7.169	54.000	AVERAGE

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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2462MHz

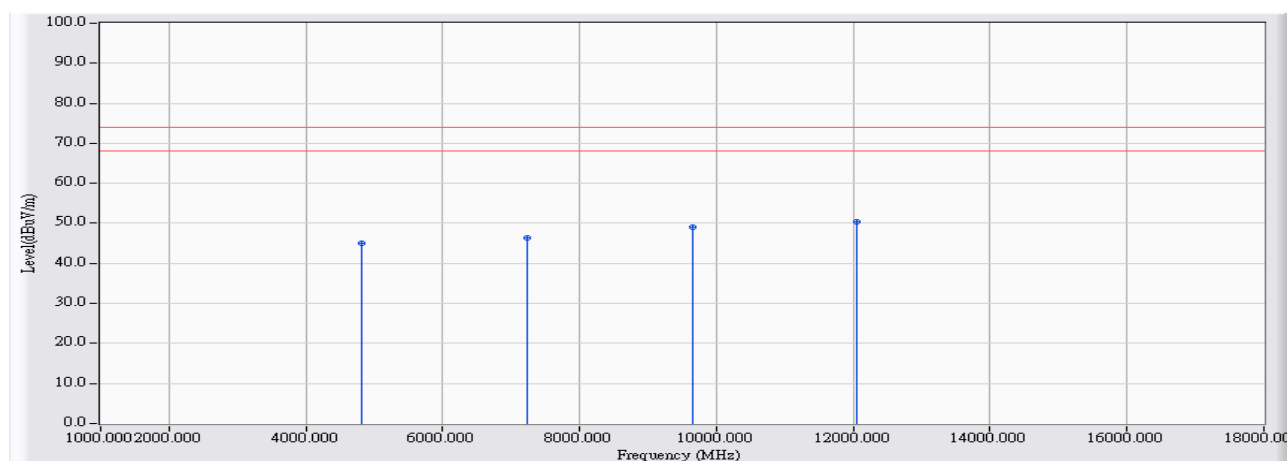


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.020	-0.076	48.000	47.924	-26.076	74.000	PEAK
2	*	7385.960	7.674	42.330	50.004	-23.996	74.000	PEAK
3		9844.955	12.985	36.040	49.025	-24.975	74.000	PEAK
4		12311.160	15.104	35.120	50.224	-23.776	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2412MHz

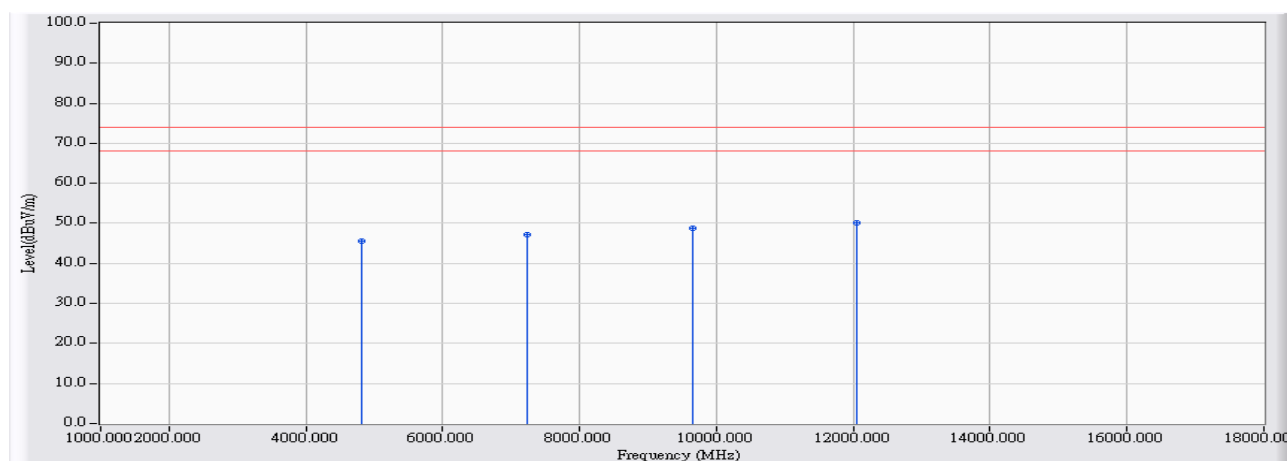


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4823.975	-0.219	45.140	44.921	-29.079	74.000	PEAK
2		7236.605	7.126	39.240	46.366	-27.634	74.000	PEAK
3		9643.275	12.601	36.400	49.000	-25.000	74.000	PEAK
4	*	12055.480	15.353	34.930	50.284	-23.716	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2412MHz

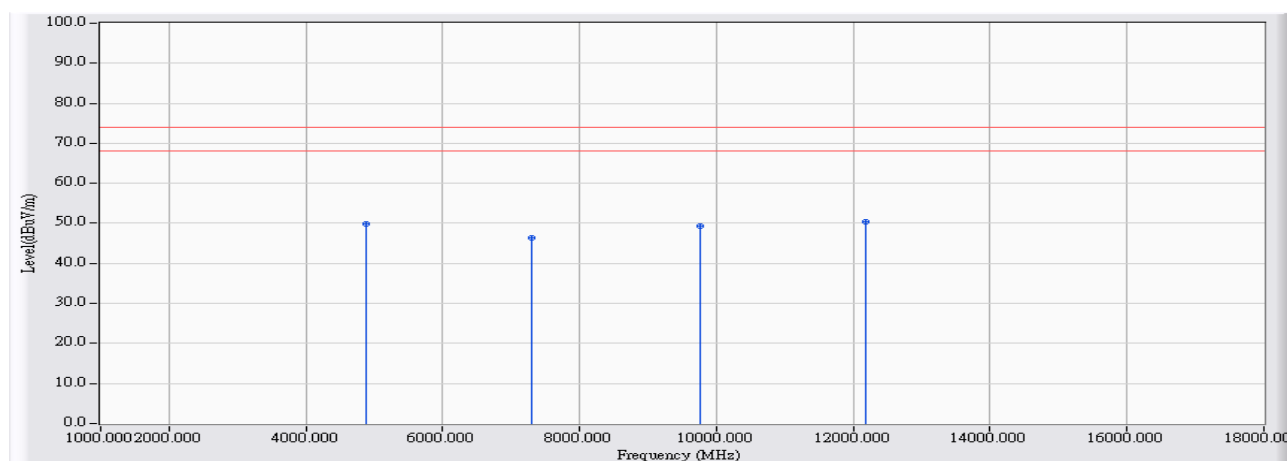


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4823.950	-0.219	45.900	45.681	-28.319	74.000	PEAK
2		7236.385	7.127	40.130	47.257	-26.743	74.000	PEAK
3		9651.580	12.577	36.140	48.717	-25.283	74.000	PEAK
4	*	12059.085	15.341	34.720	50.062	-23.938	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2437MHz

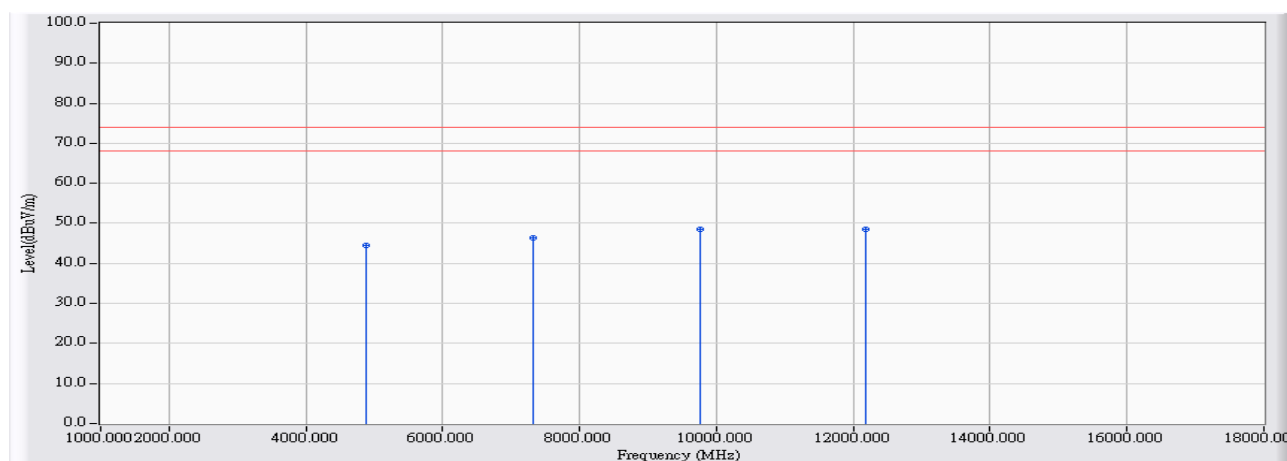


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.900	-0.141	50.050	49.909	-24.091	74.000	PEAK
2		7303.270	7.377	38.980	46.356	-27.644	74.000	PEAK
3		9757.700	12.862	36.520	49.382	-24.618	74.000	PEAK
4	*	12188.470	14.891	35.410	50.302	-23.698	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2437MHz

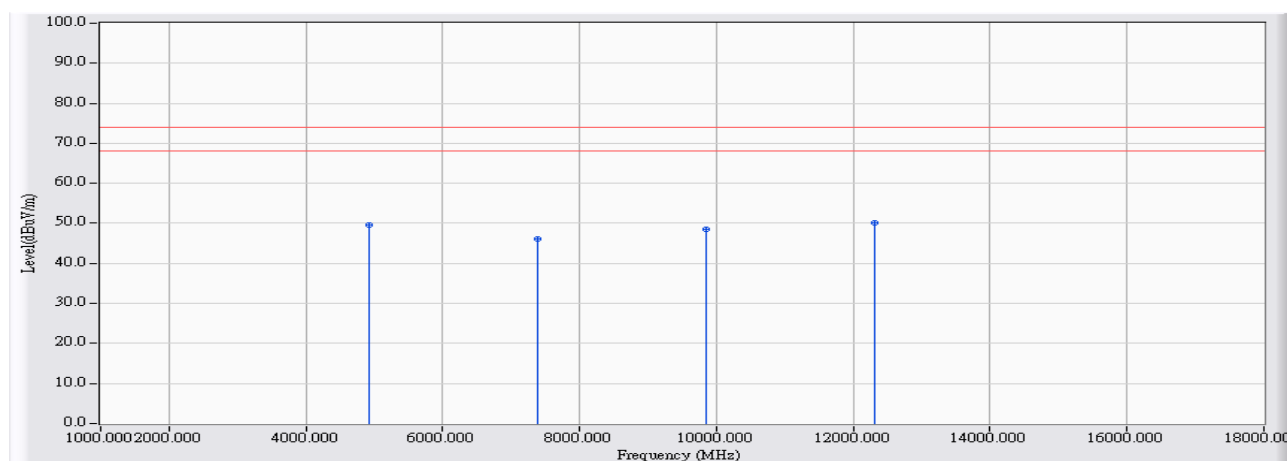


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.950	-0.141	44.770	44.629	-29.371	74.000	PEAK
2		7319.320	7.433	38.840	46.274	-27.726	74.000	PEAK
3		9754.540	12.858	35.620	48.478	-25.522	74.000	PEAK
4	*	12175.660	14.936	33.590	48.526	-25.474	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2462MHz

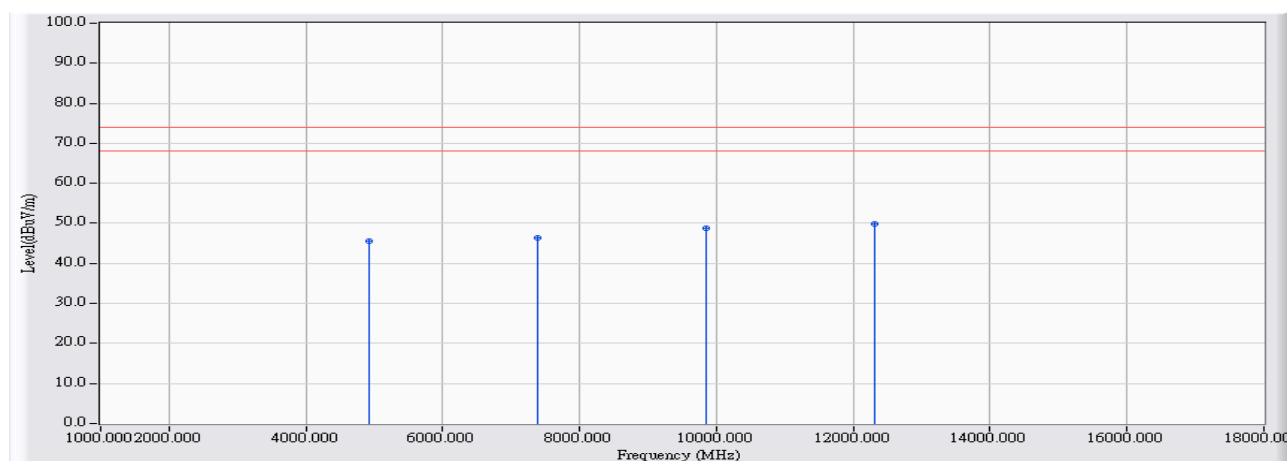


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.980	-0.076	49.560	49.484	-24.516	74.000	PEAK
2		7376.560	7.640	38.560	46.200	-27.800	74.000	PEAK
3		9839.160	12.976	35.670	48.647	-25.353	74.000	PEAK
4	*	12316.210	15.140	35.050	50.190	-23.810	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2462MHz

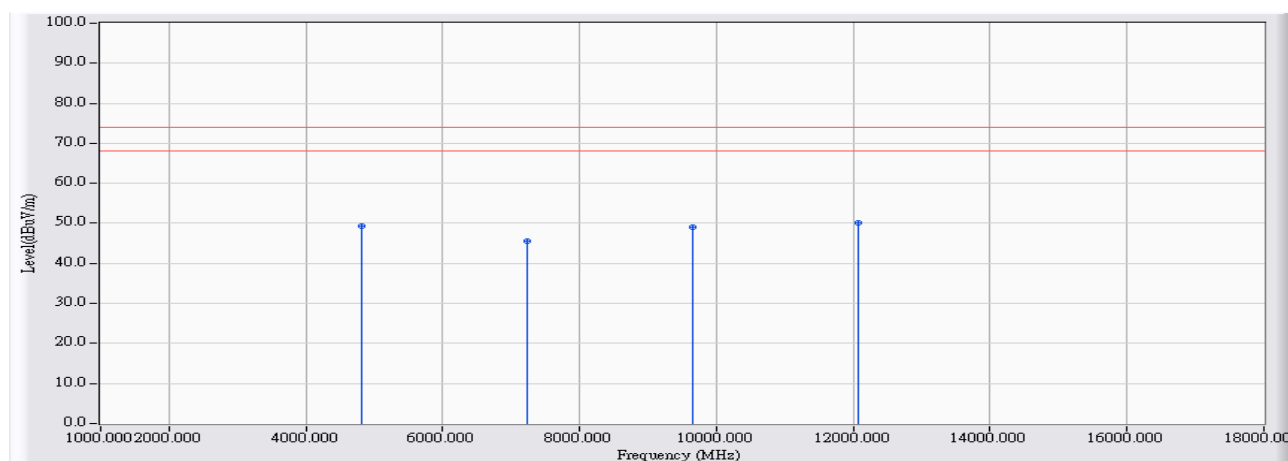


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.900	-0.076	45.720	45.644	-28.356	74.000	PEAK
2		7394.260	7.704	38.780	46.484	-27.516	74.000	PEAK
3		9838.820	12.977	35.870	48.846	-25.154	74.000	PEAK
4	*	12312.500	15.114	34.800	49.914	-24.086	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2412MHz

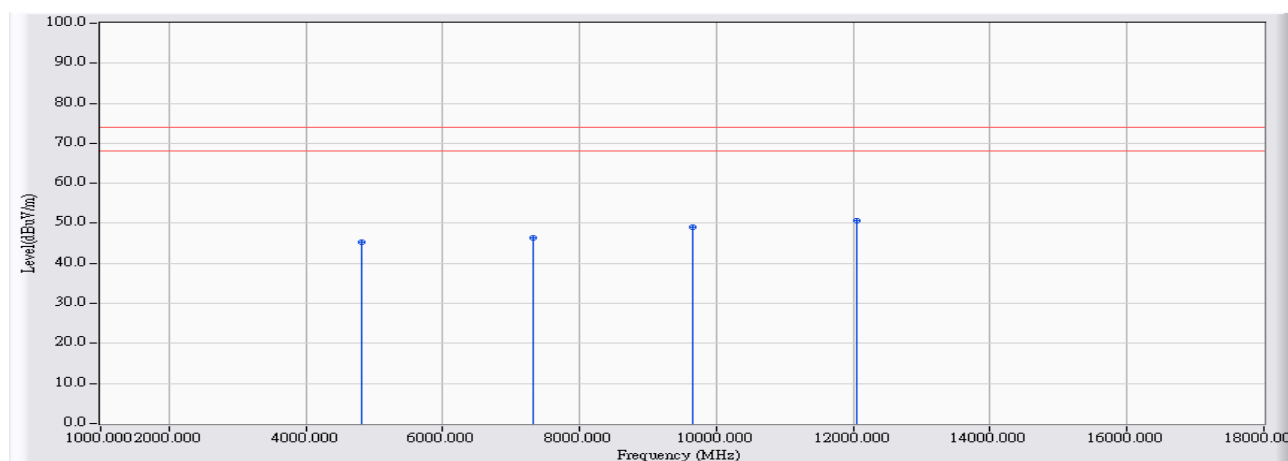


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4823.950	-0.219	49.430	49.211	-24.789	74.000	PEAK
2		7238.340	7.125	38.410	45.535	-28.465	74.000	PEAK
3		9650.965	12.579	36.450	49.029	-24.971	74.000	PEAK
4	*	12062.670	15.328	34.720	50.049	-23.951	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2412MHz

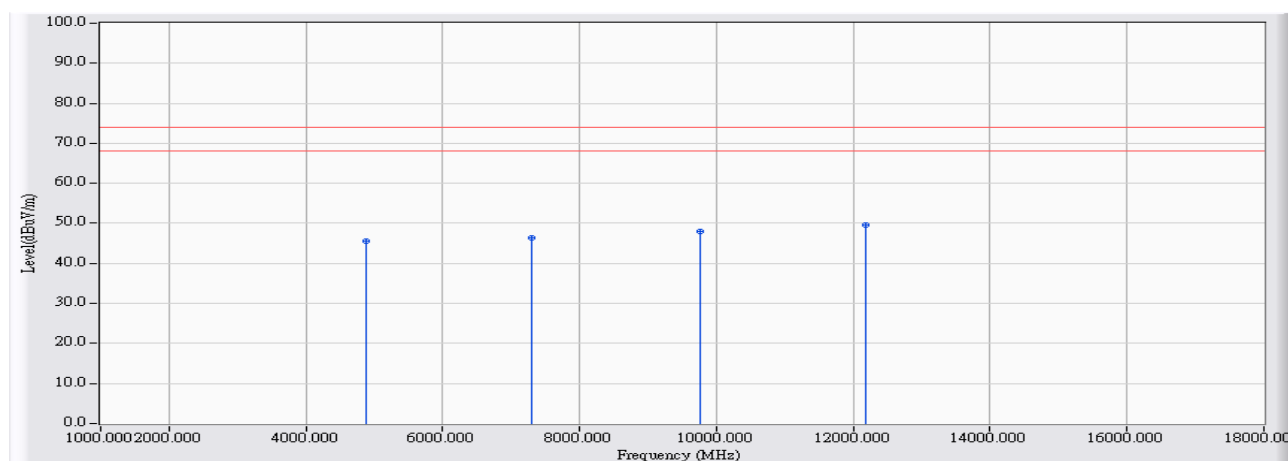


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.075	-0.219	45.590	45.371	-28.629	74.000	PEAK
2		7325.745	7.457	39.010	46.467	-27.533	74.000	PEAK
3		9649.220	12.584	36.460	49.044	-24.956	74.000	PEAK
4	*	12056.715	15.350	35.380	50.730	-23.270	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2437MHz

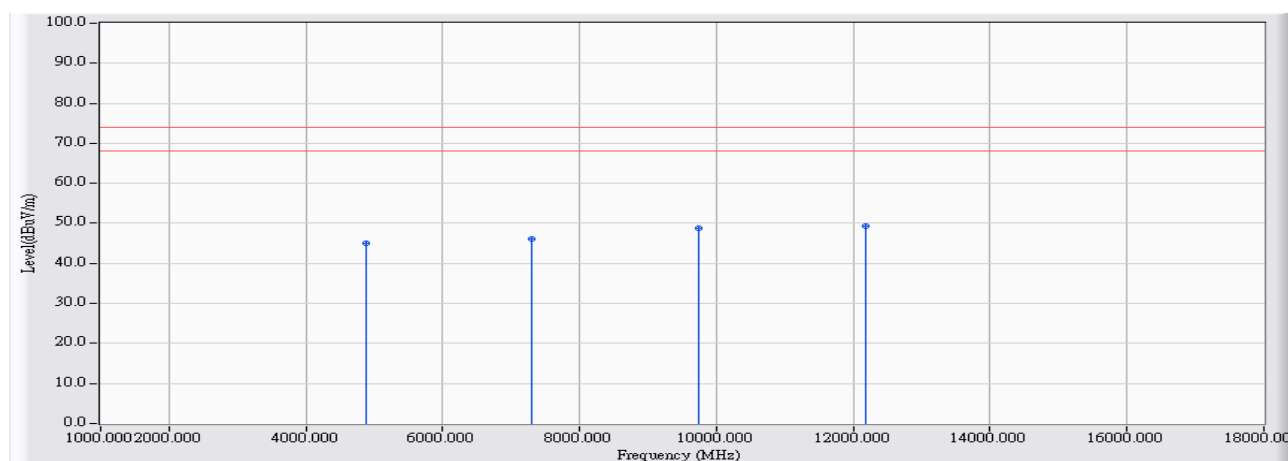


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.910	-0.141	45.690	45.549	-28.451	74.000	PEAK
2		7306.700	7.388	38.900	46.289	-27.711	74.000	PEAK
3		9752.065	12.857	35.230	48.086	-25.914	74.000	PEAK
4	*	12189.635	14.888	34.650	49.538	-24.462	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2437MHz

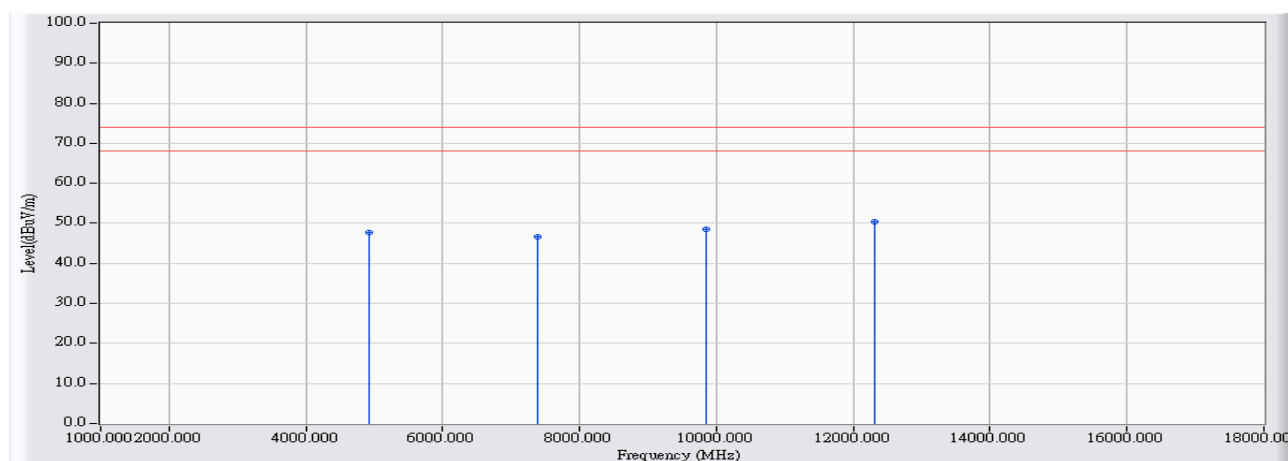


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.035	-0.140	45.170	45.030	-28.970	74.000	PEAK
2		7306.490	7.388	38.610	45.998	-28.002	74.000	PEAK
3		9749.295	12.853	35.850	48.704	-25.296	74.000	PEAK
4	*	12184.655	14.905	34.470	49.375	-24.625	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2462MHz

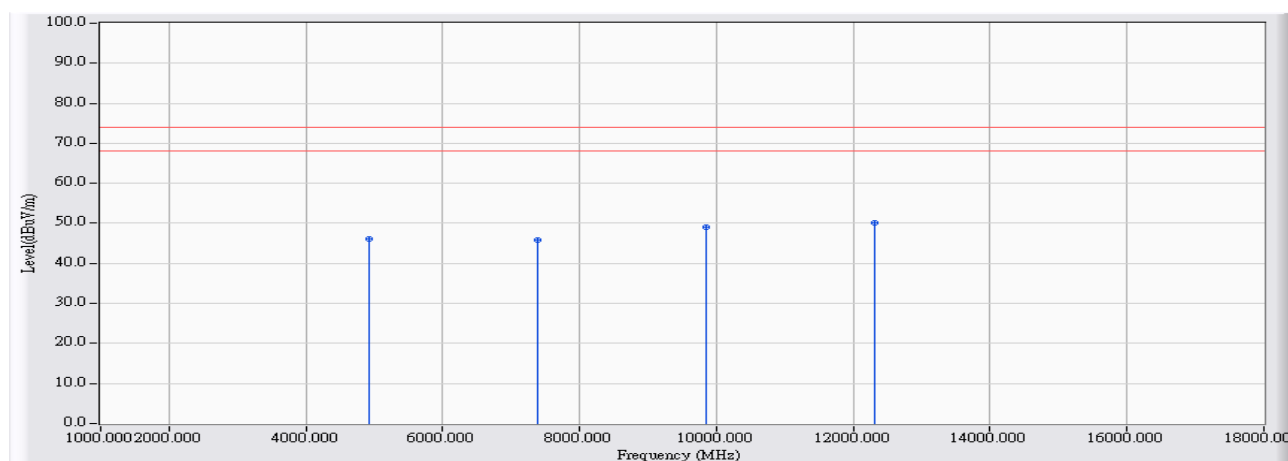


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.940	-0.076	47.850	47.774	-26.226	74.000	PEAK
2		7389.260	7.686	38.890	46.576	-27.424	74.000	PEAK
3		9852.790	12.996	35.520	48.516	-25.484	74.000	PEAK
4	*	12311.045	15.104	35.430	50.533	-23.467	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2462MHz

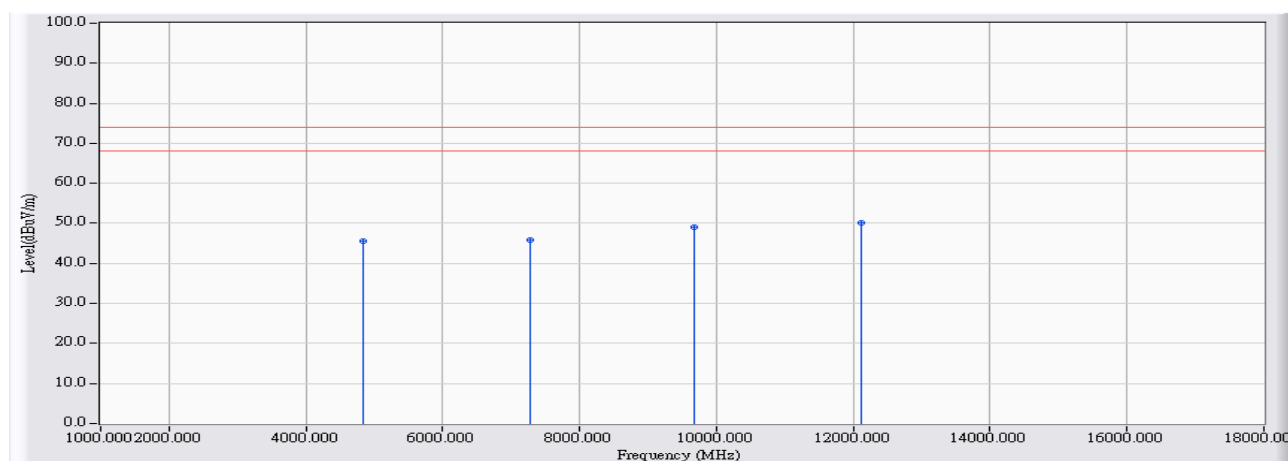


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.115	-0.076	46.100	46.025	-27.975	74.000	PEAK
2		7386.085	7.675	38.170	45.844	-28.156	74.000	PEAK
3		9848.460	12.990	35.950	48.940	-25.060	74.000	PEAK
4	*	12308.870	15.089	35.110	50.198	-23.802	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2422MHz

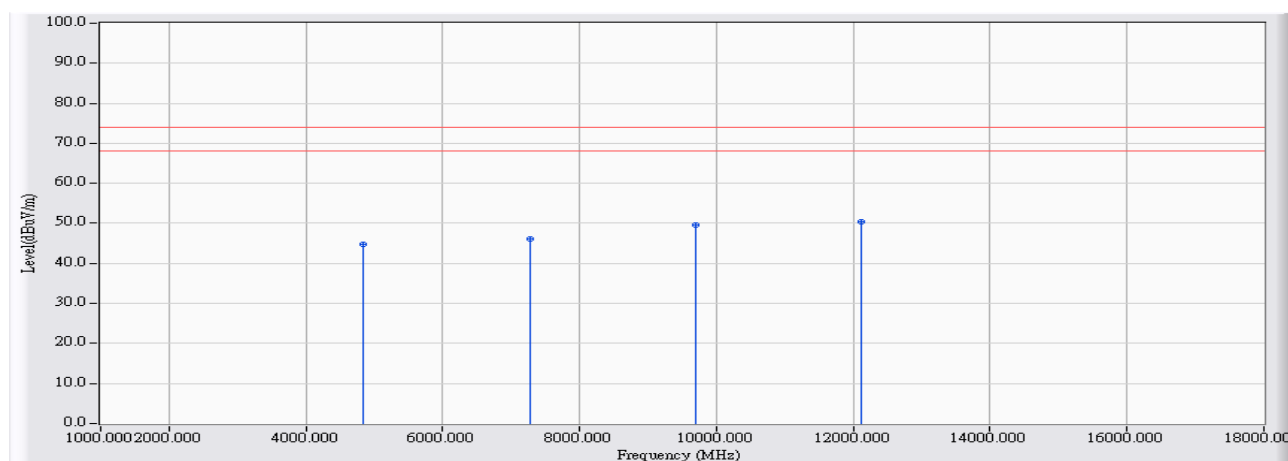


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4844.040	-0.159	45.620	45.461	-28.539	74.000	PEAK
2		7269.415	7.361	38.380	45.741	-28.259	74.000	PEAK
3		9684.815	12.761	36.410	49.171	-24.829	74.000	PEAK
4	*	12109.285	15.167	34.950	50.117	-23.883	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2422MHz

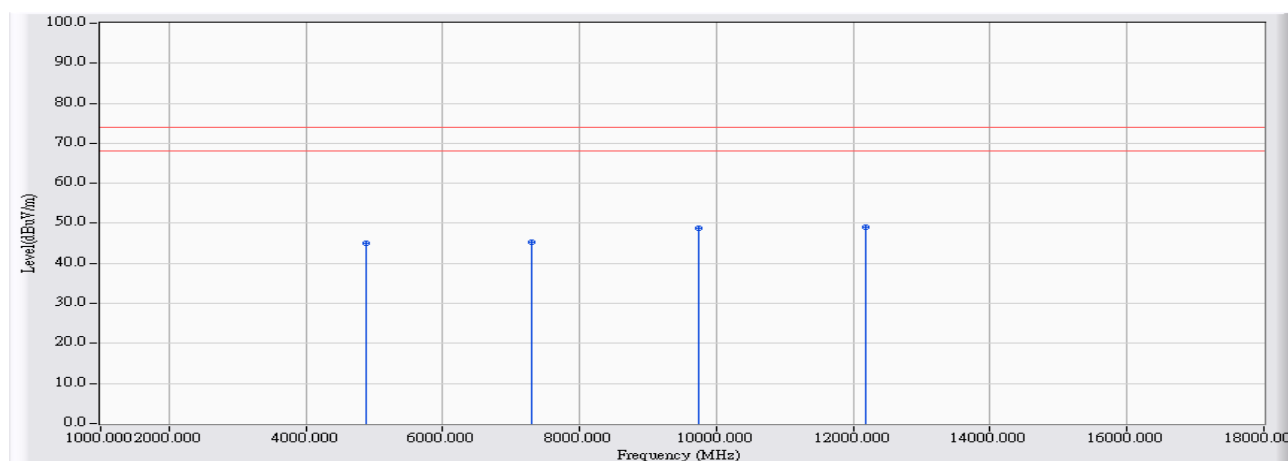


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4843.840	-0.158	45.020	44.862	-29.138	74.000	PEAK
2		7269.590	7.362	38.630	45.992	-28.008	74.000	PEAK
3		9687.930	12.782	36.770	49.552	-24.448	74.000	PEAK
4	*	12106.080	15.178	35.210	50.388	-23.612	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz

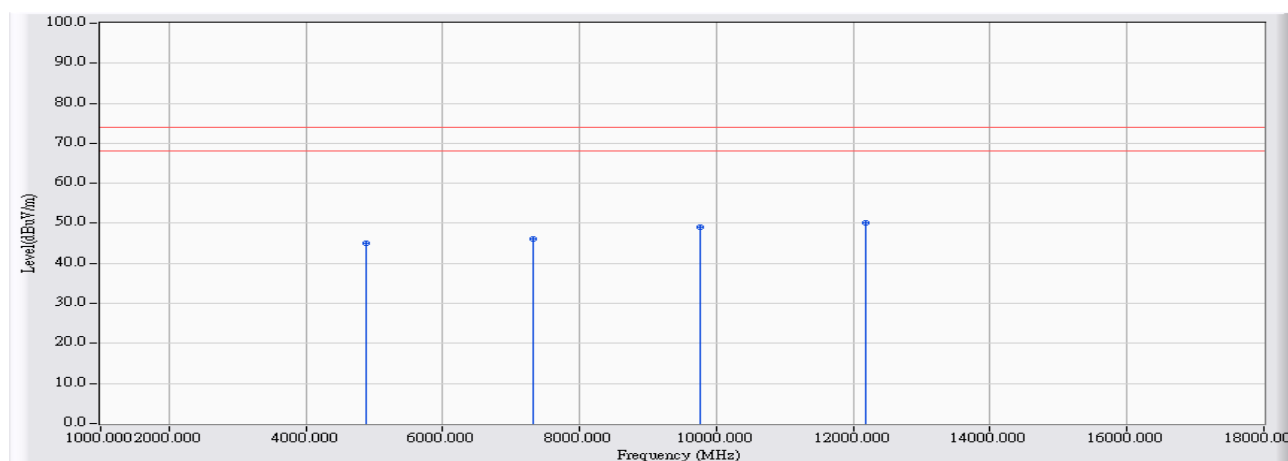


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.200	-0.140	45.100	44.960	-29.040	74.000	PEAK
2		7308.545	7.395	37.850	45.245	-28.755	74.000	PEAK
3		9750.415	12.854	36.020	48.875	-25.125	74.000	PEAK
4	*	12181.095	14.917	34.260	49.177	-24.823	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz

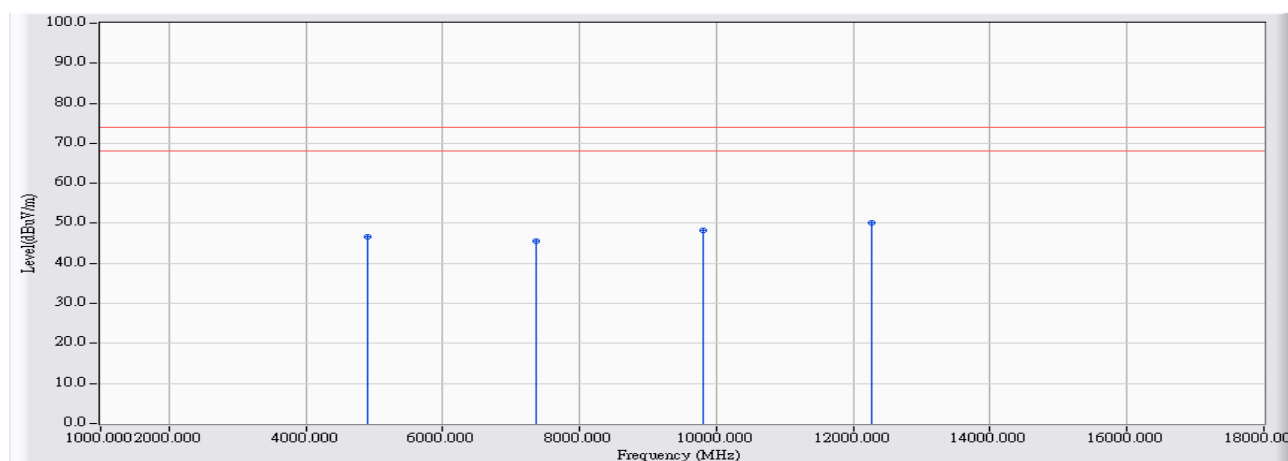


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.140	-0.140	45.250	45.110	-28.890	74.000	PEAK
2		7314.975	7.419	38.760	46.178	-27.822	74.000	PEAK
3		9751.500	12.855	36.250	49.106	-24.894	74.000	PEAK
4	*	12180.165	14.921	35.340	50.261	-23.739	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2452MHz

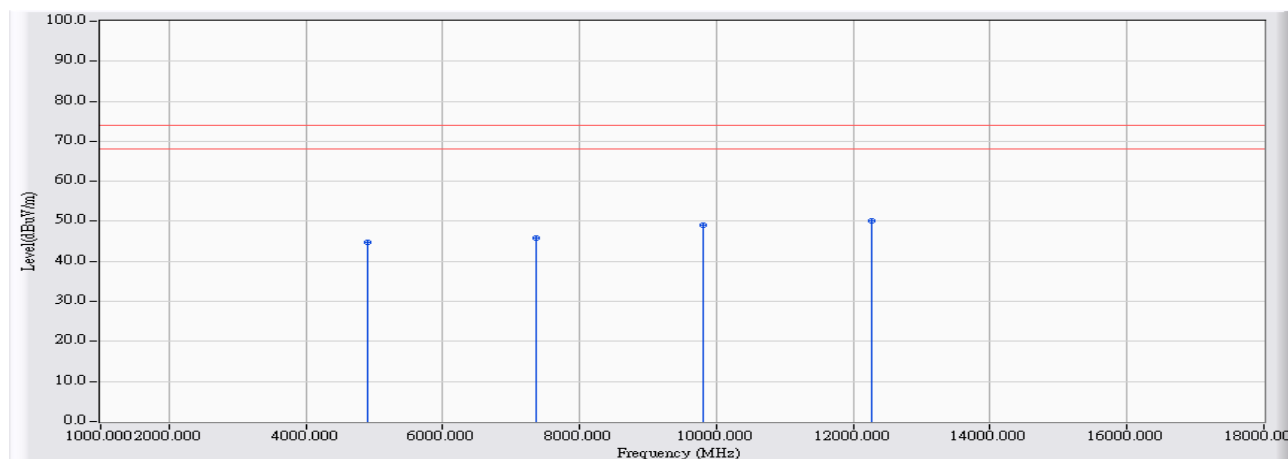


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4903.935	-0.098	46.780	46.682	-27.318	74.000	PEAK
2		7353.855	7.559	37.900	45.458	-28.542	74.000	PEAK
3		9809.215	12.934	35.390	48.325	-25.675	74.000	PEAK
4	*	12260.665	14.746	35.470	50.217	-23.783	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 less than 20dBm form the limt, so as not reported

Site : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2452MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4903.855	-0.098	45.000	44.901	-29.099	74.000	PEAK
2		7358.450	7.575	38.290	45.865	-28.135	74.000	PEAK
3		9806.445	12.930	36.260	49.191	-24.809	74.000	PEAK
4	*	12260.435	14.745	35.360	50.105	-23.895	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 18GHz were not included is because their levels are less than 20dBm form the limt, so as not reported

5. RF antenna conducted test

5.1. Test Equipment

The following test equipment are used during the test:

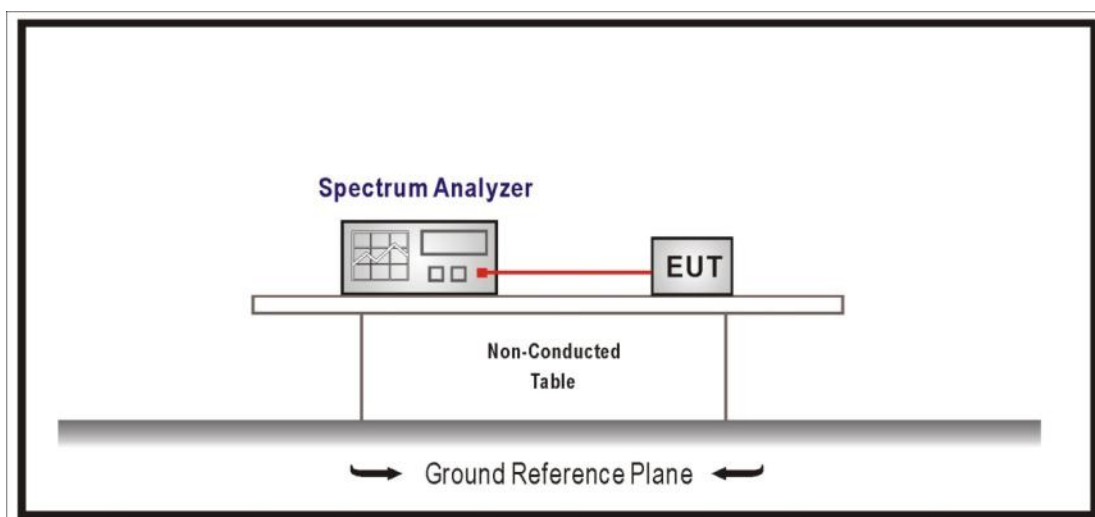
RF antenna conducted test / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/12
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

Note: All equipment 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 KDB 558074 D01 V04 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 $\pm 1.27\text{dB}$

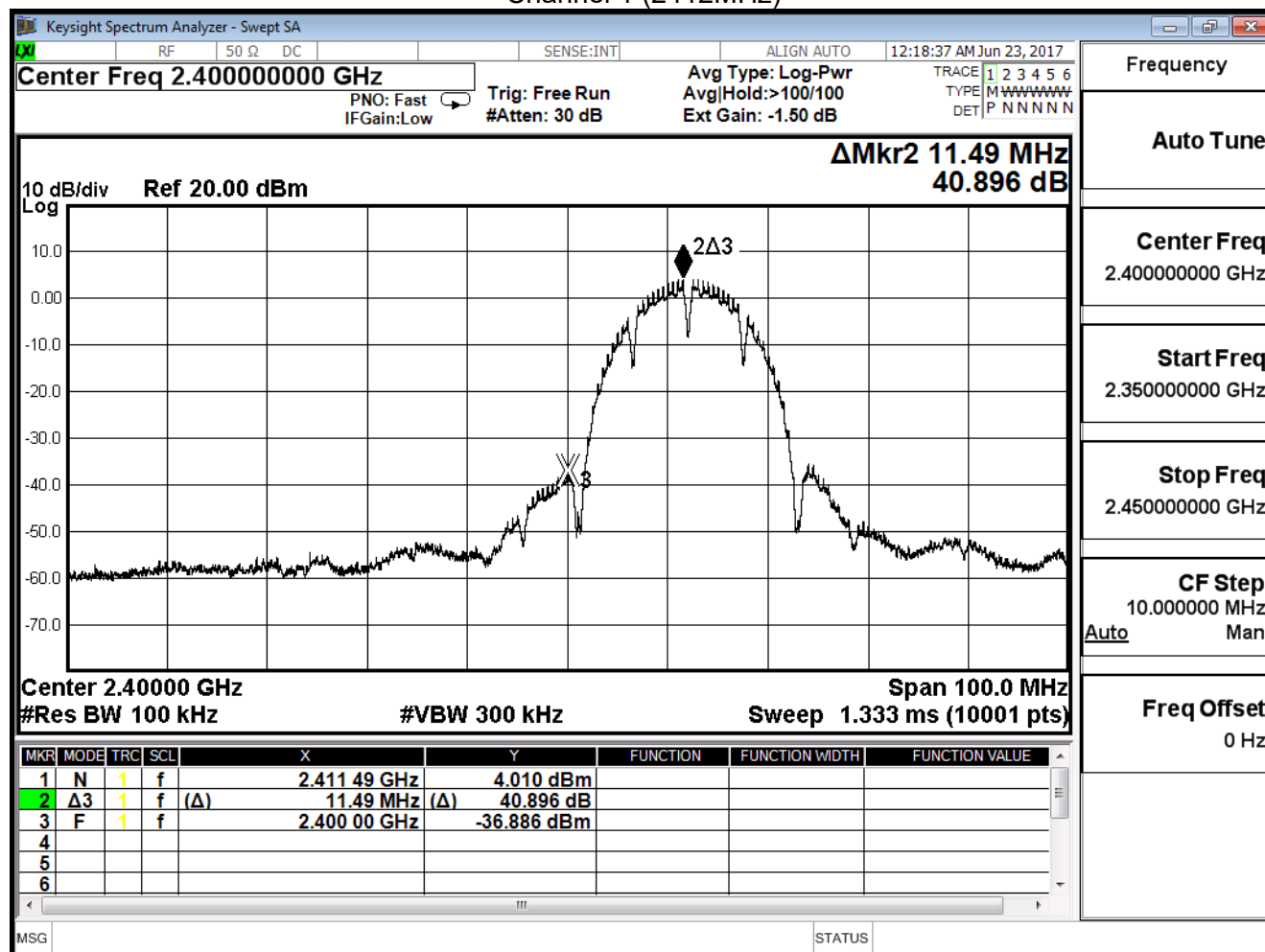
5.7. Test Result

Product	Digital Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

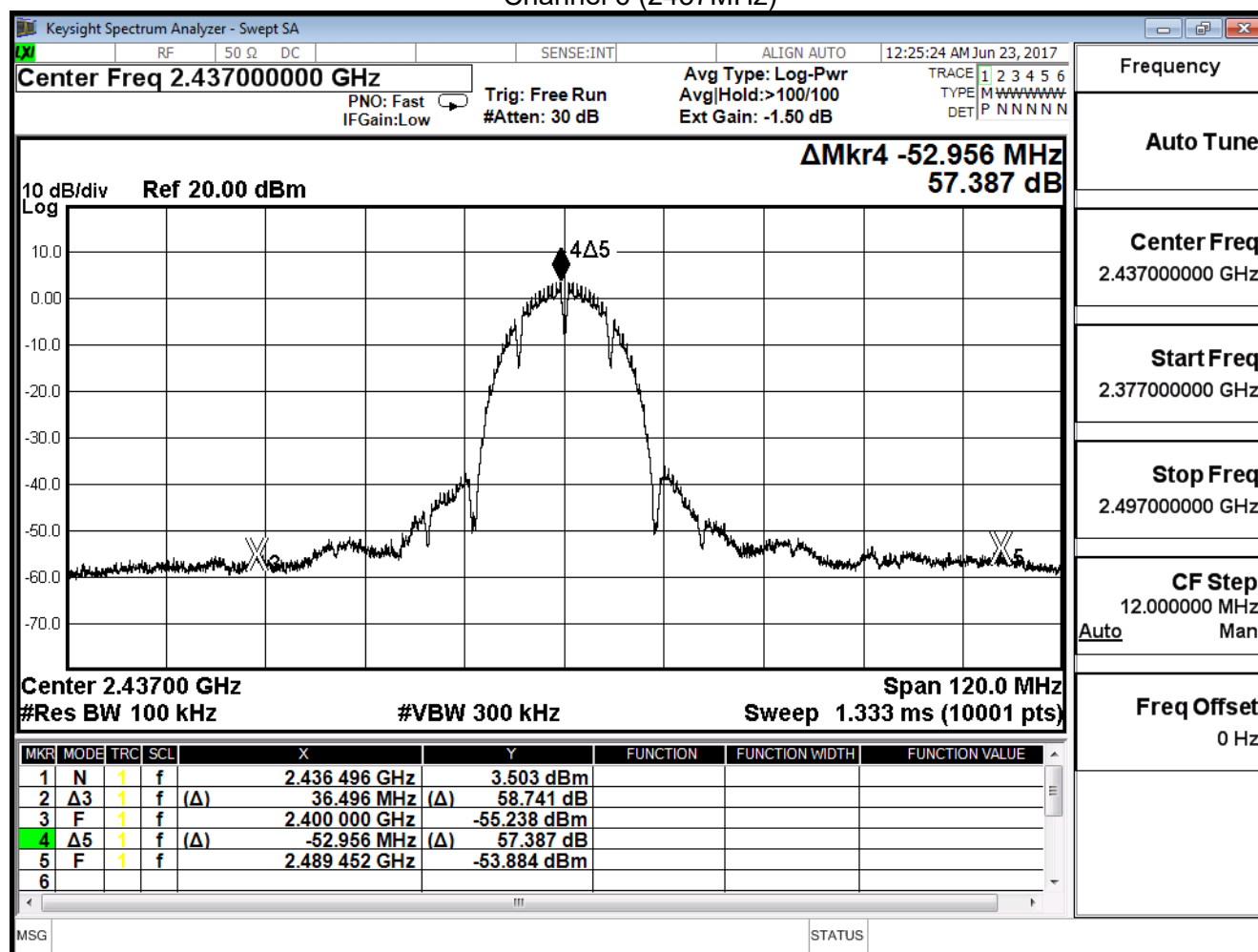
IEEE 802.11b (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	40.896	≥ 20
6	2437	57.387	≥ 20
11	2462	54.572	≥ 20

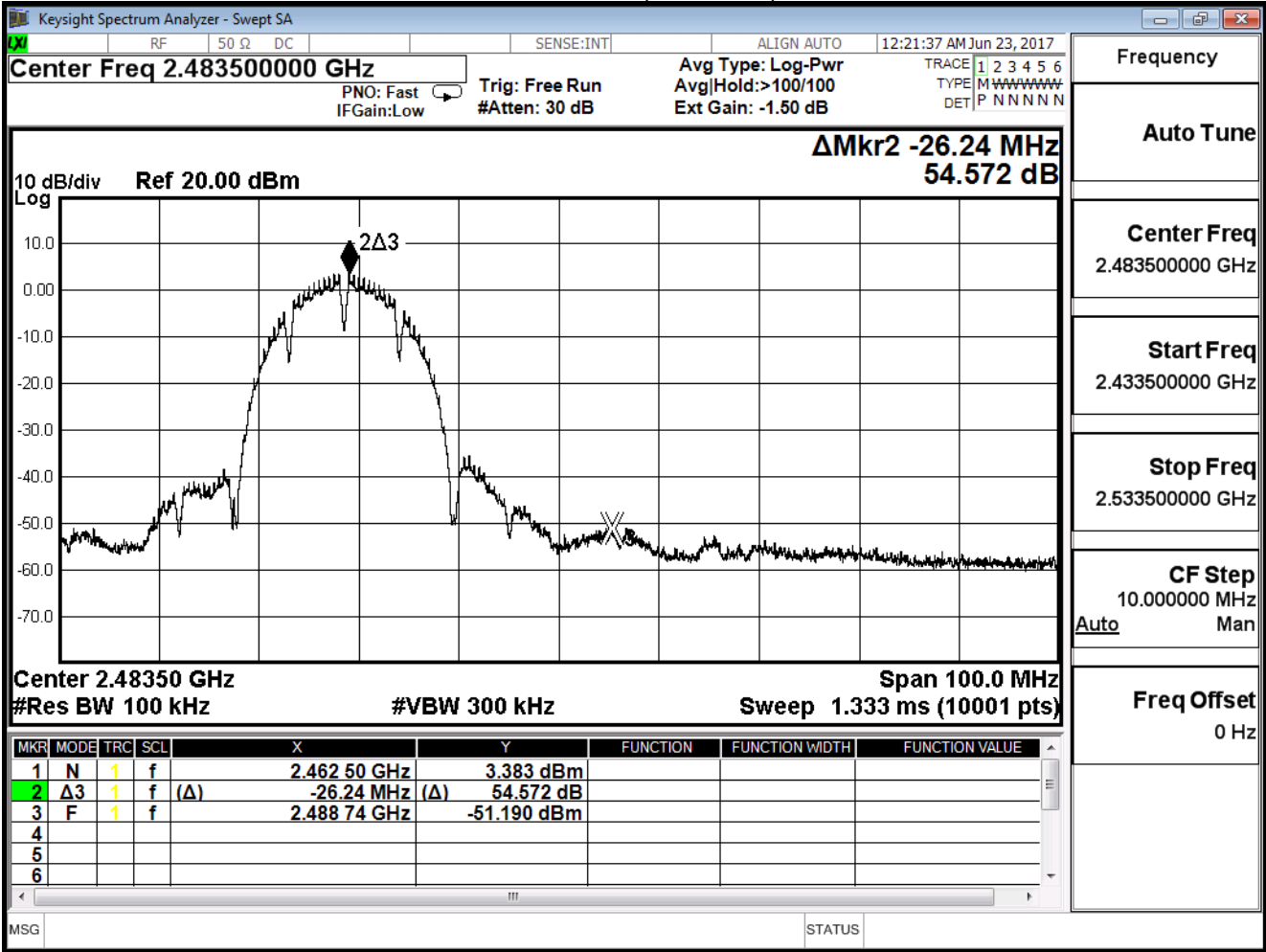
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

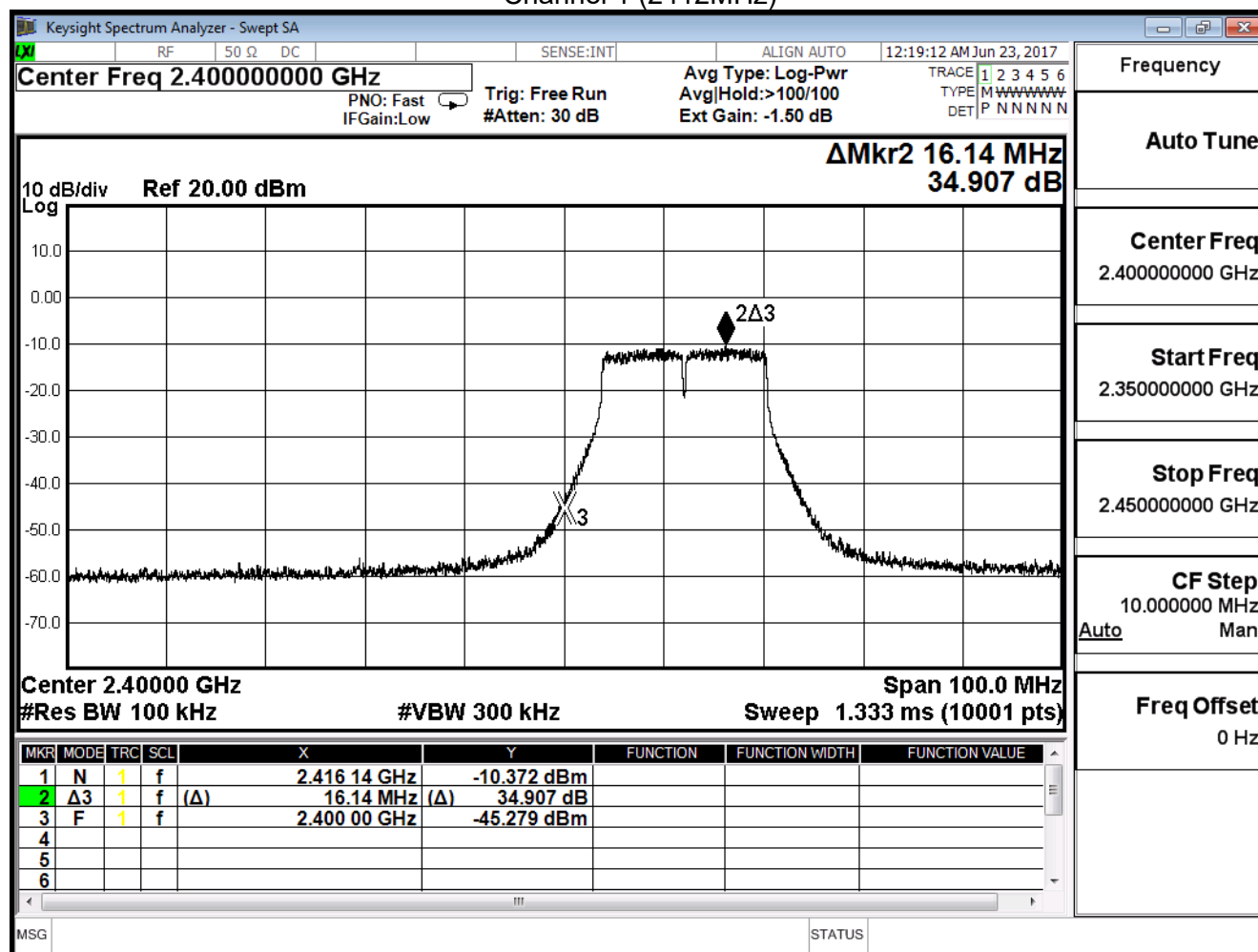


Product	Digital Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

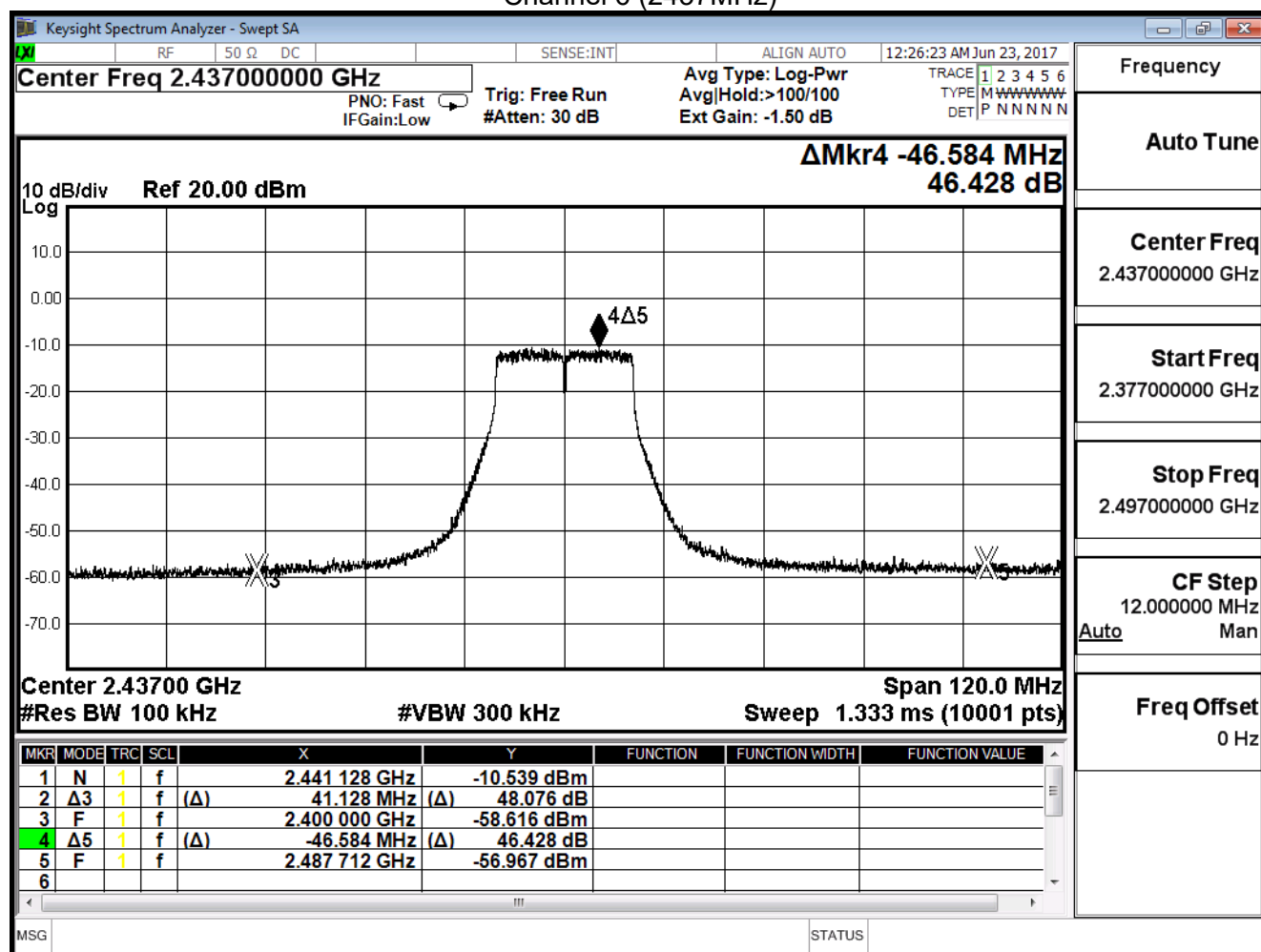
IEEE 802.11g (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	34.907	≥ 20
6	2437	46.428	≥ 20
11	2462	43.979	≥ 20

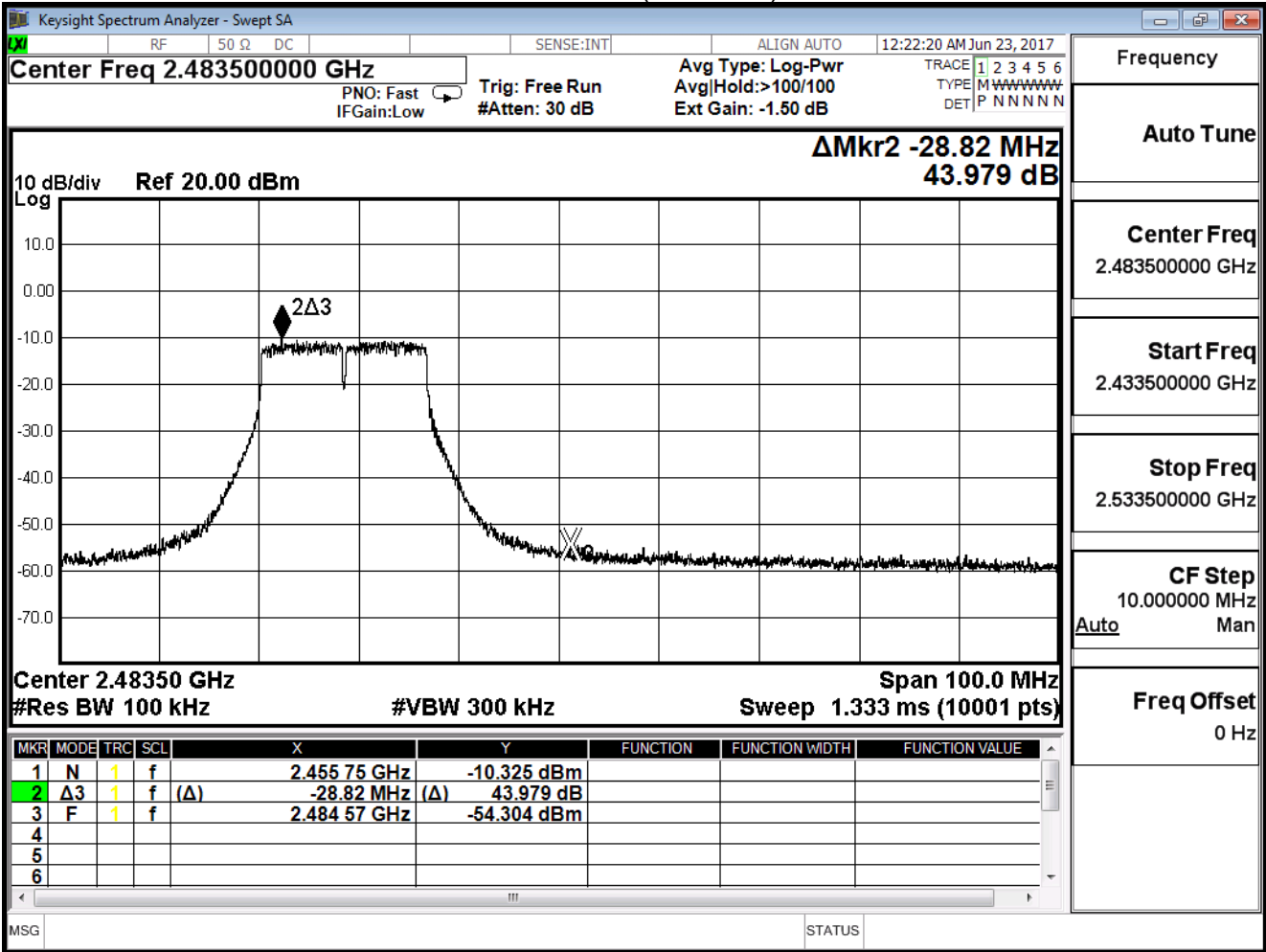
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

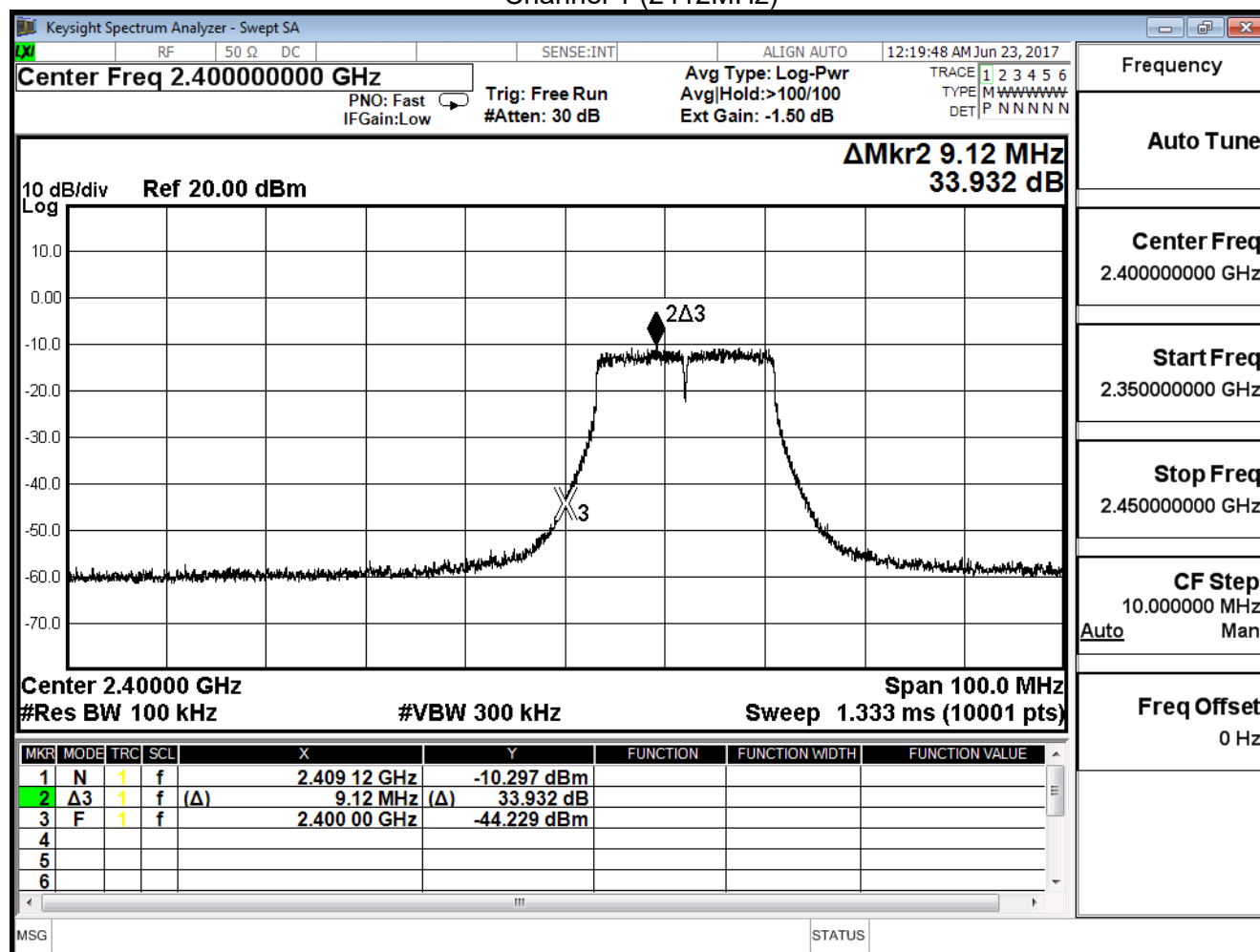


Product	Digital Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

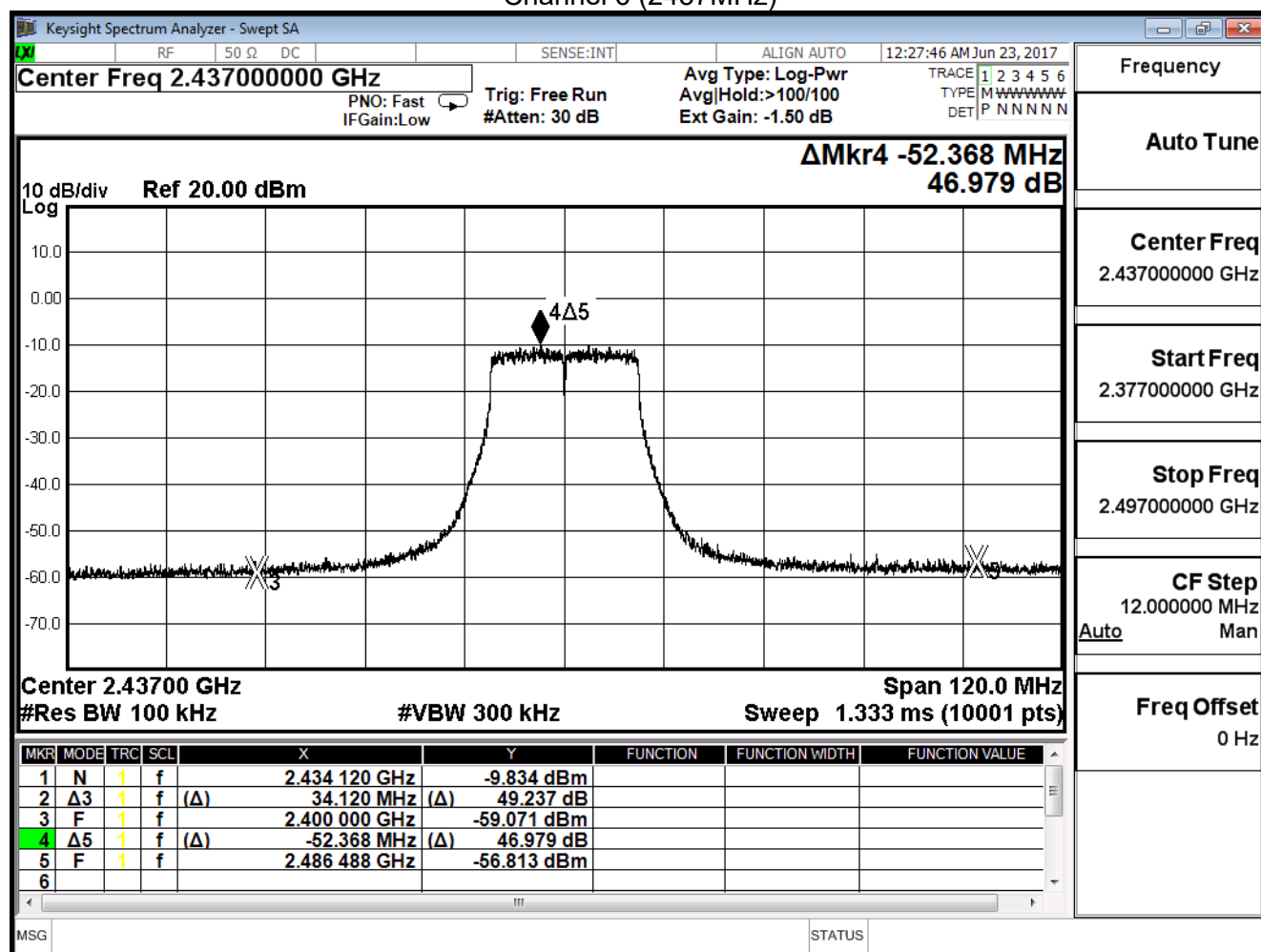
IEEE 802.11n(20MHz) (ANT 0)

Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
1	2412	33.932	≥ 20
6	2437	46.979	≥ 20
11	2462	45.477	≥ 20

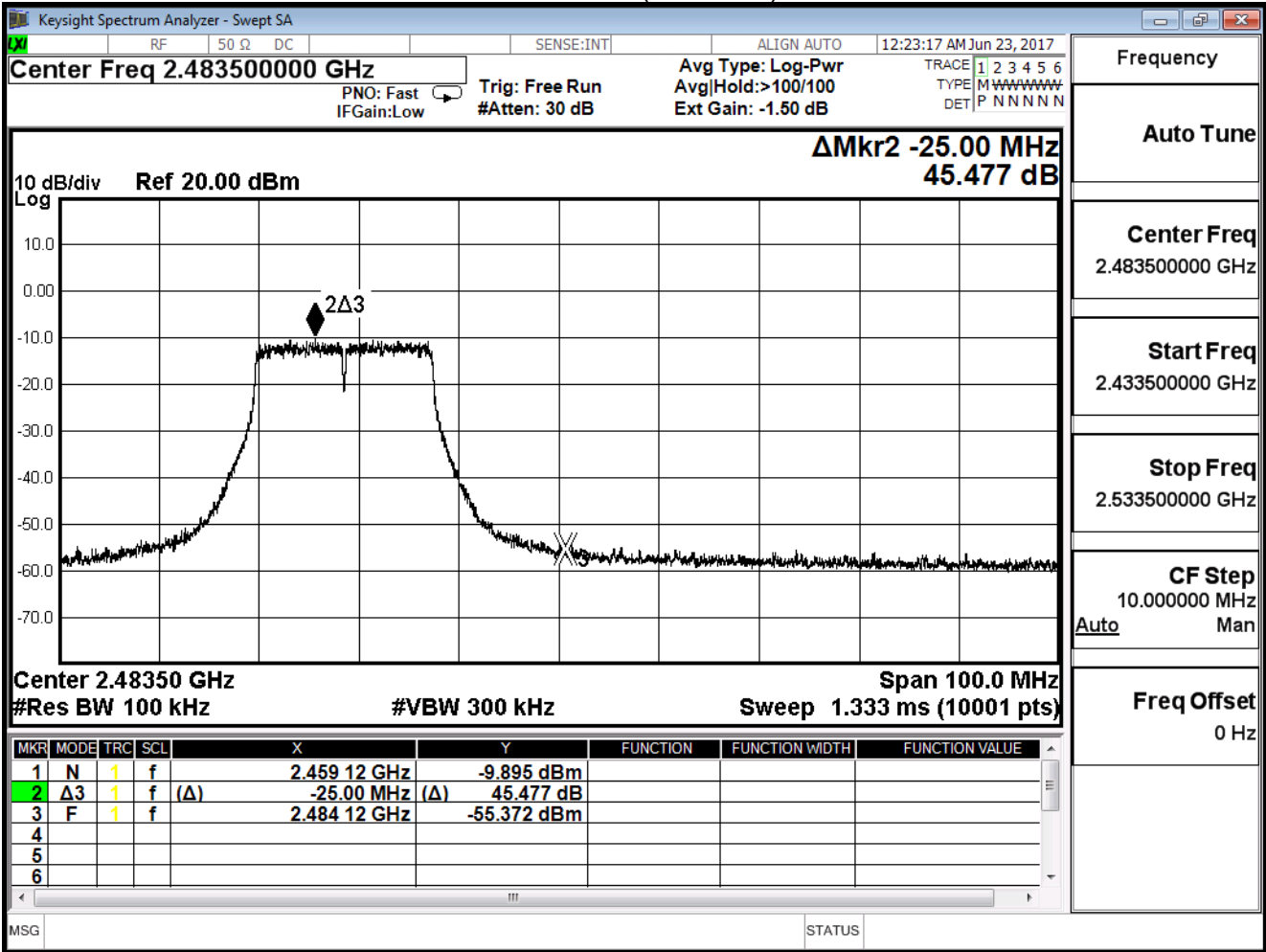
Channel 1 (2412MHz)



Channel 6 (2437MHz)



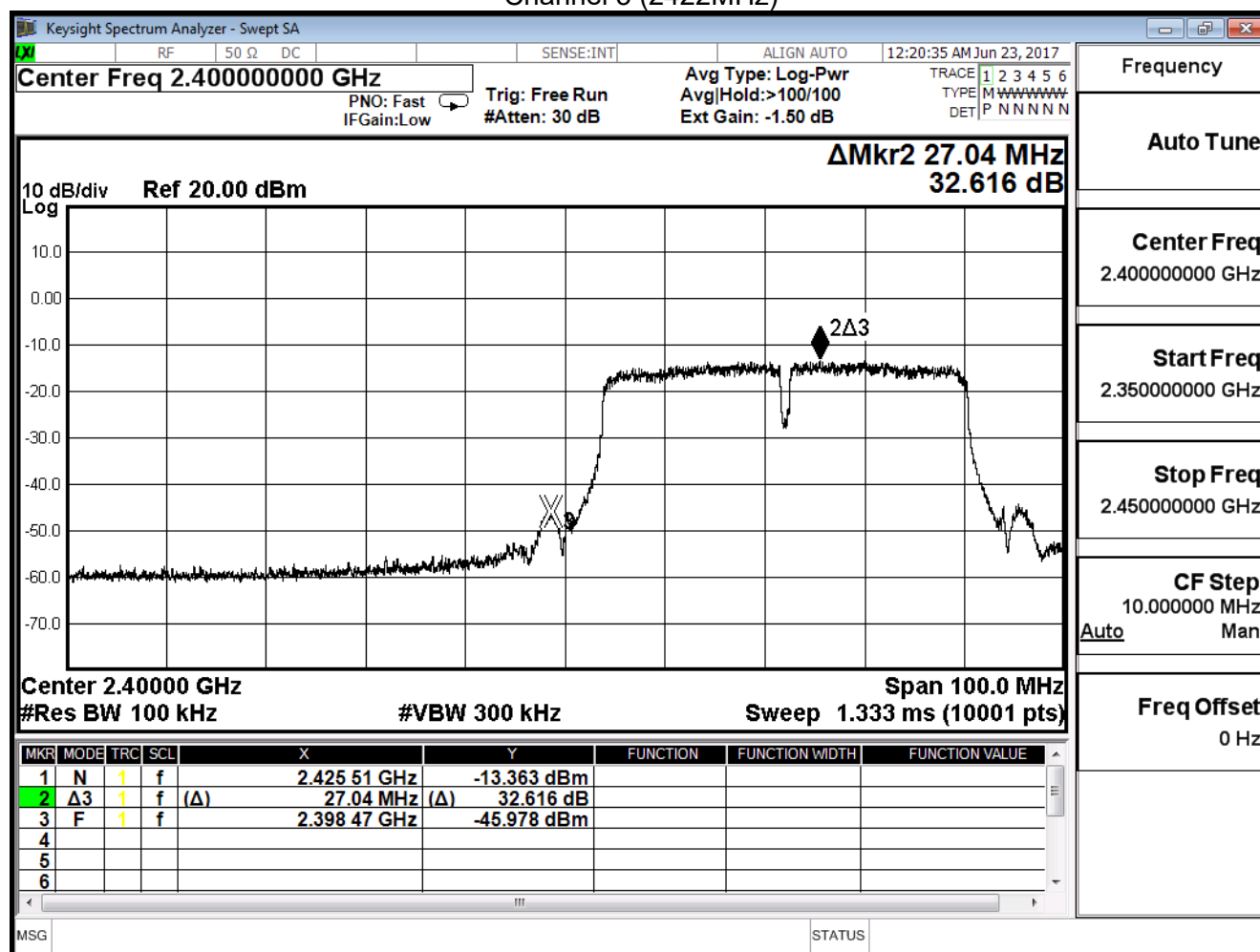
Channel 11 (2462MHz)



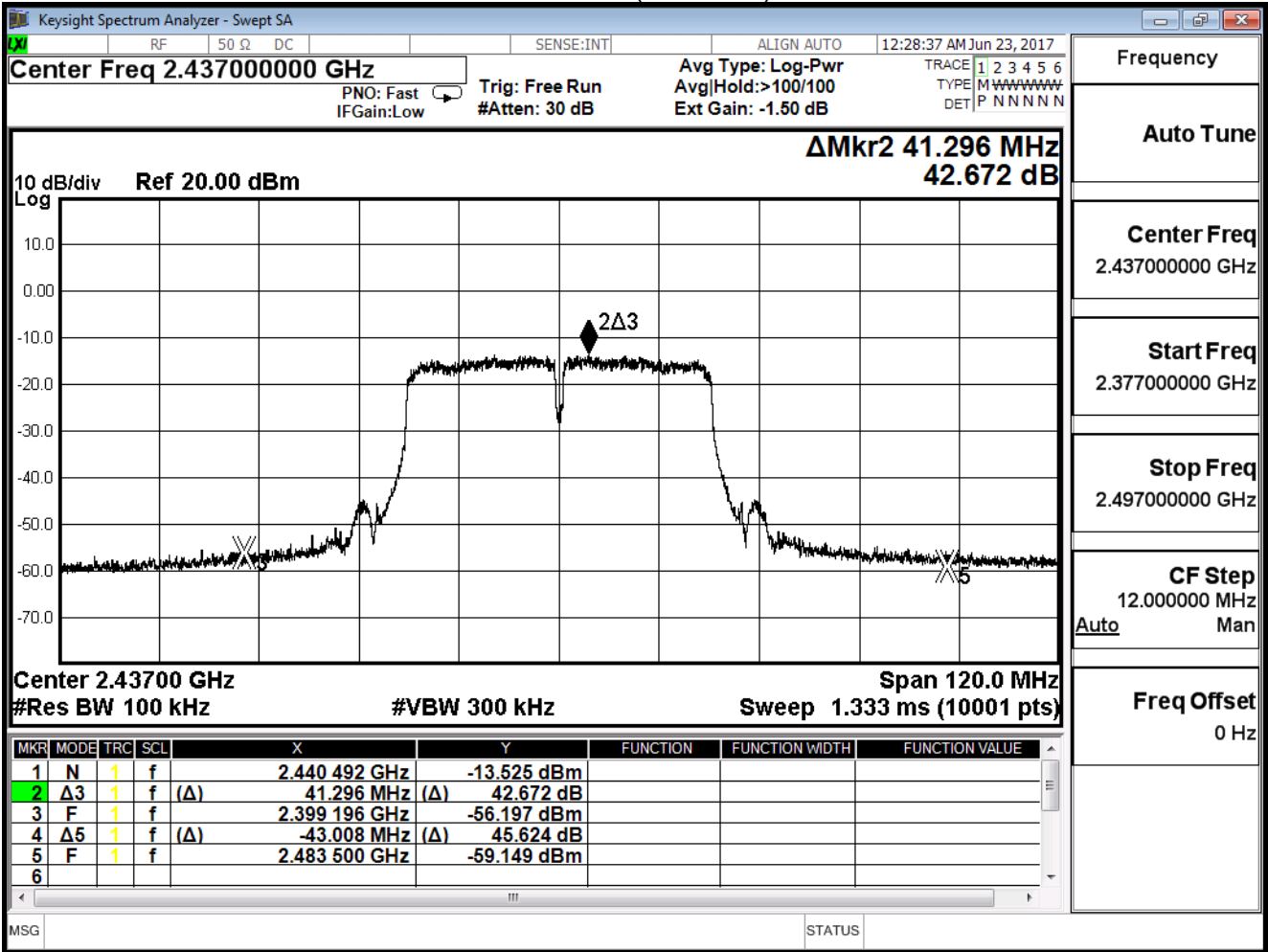
Product	Digital Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0)			
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)
3	2422	32.616	≥ 20
6	2437	42.672	≥ 20
9	2452	40.340	≥ 20

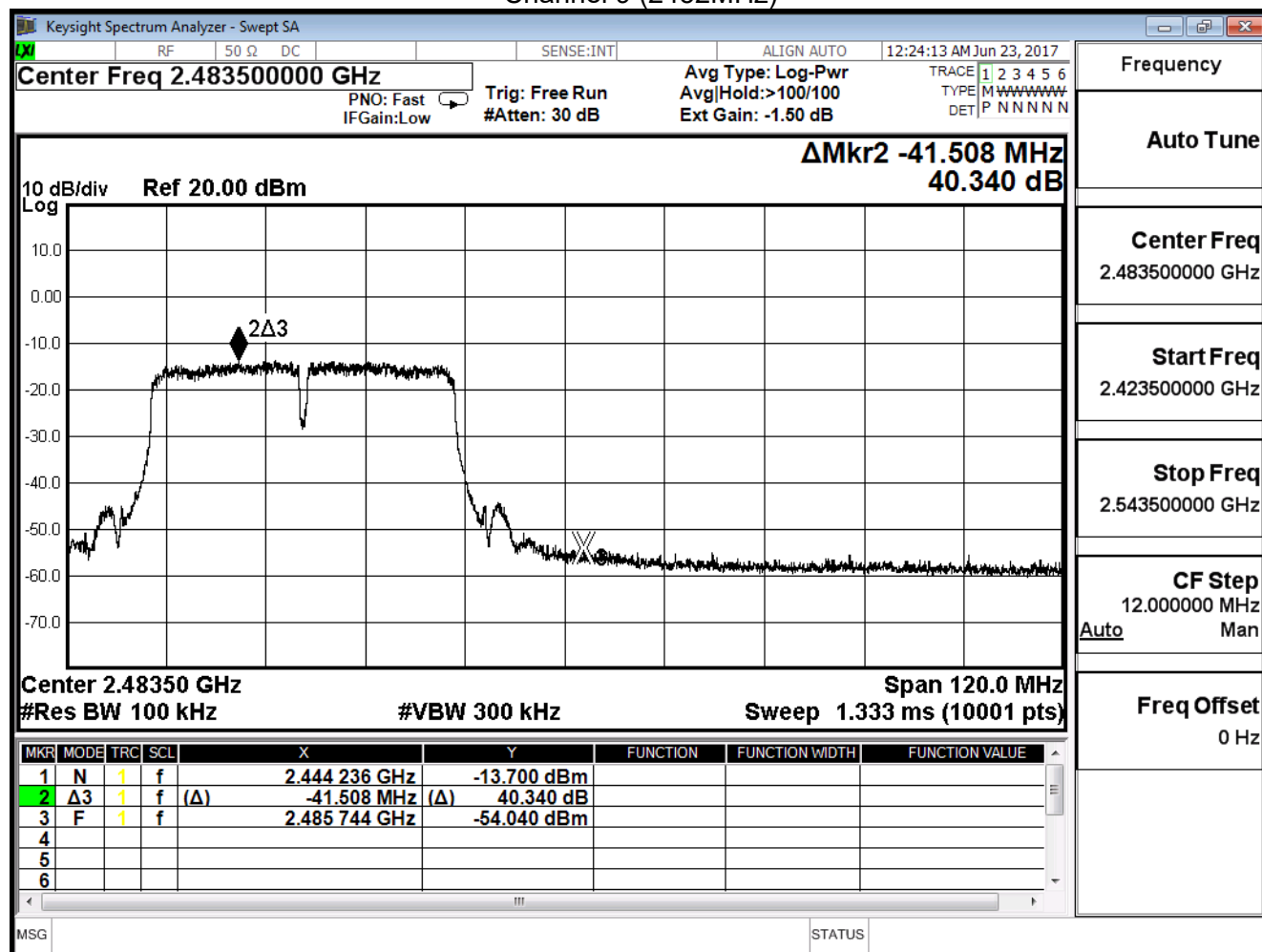
Channel 3 (2422MHz)



Channel 6 (2437MHz)

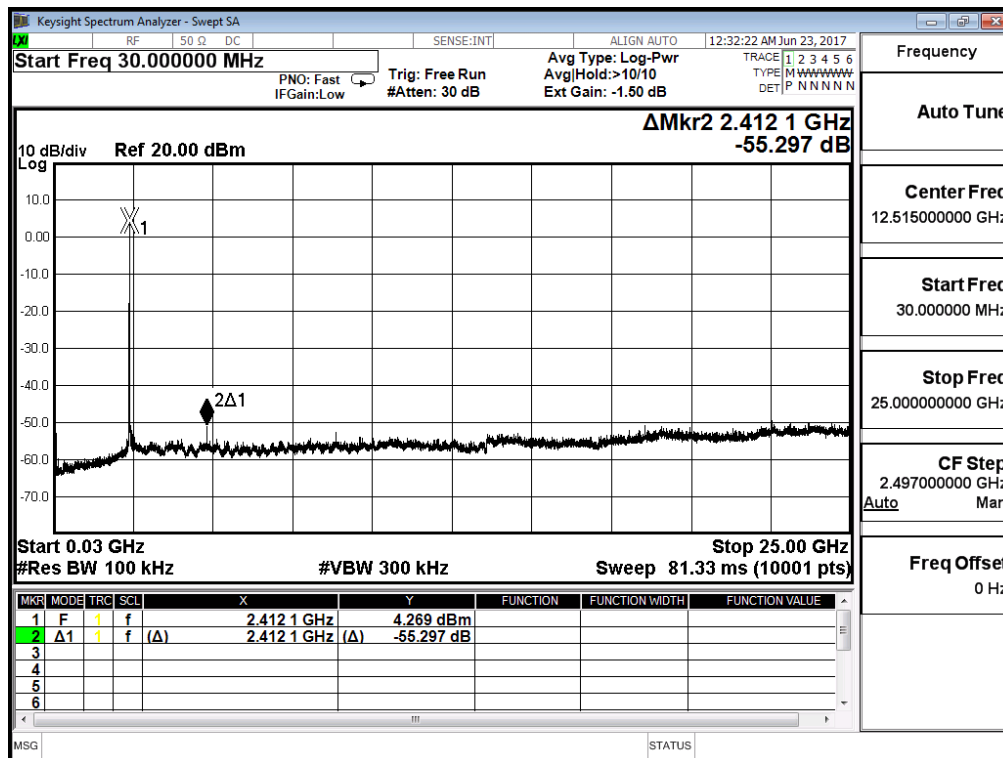


Channel 9 (2452MHz)

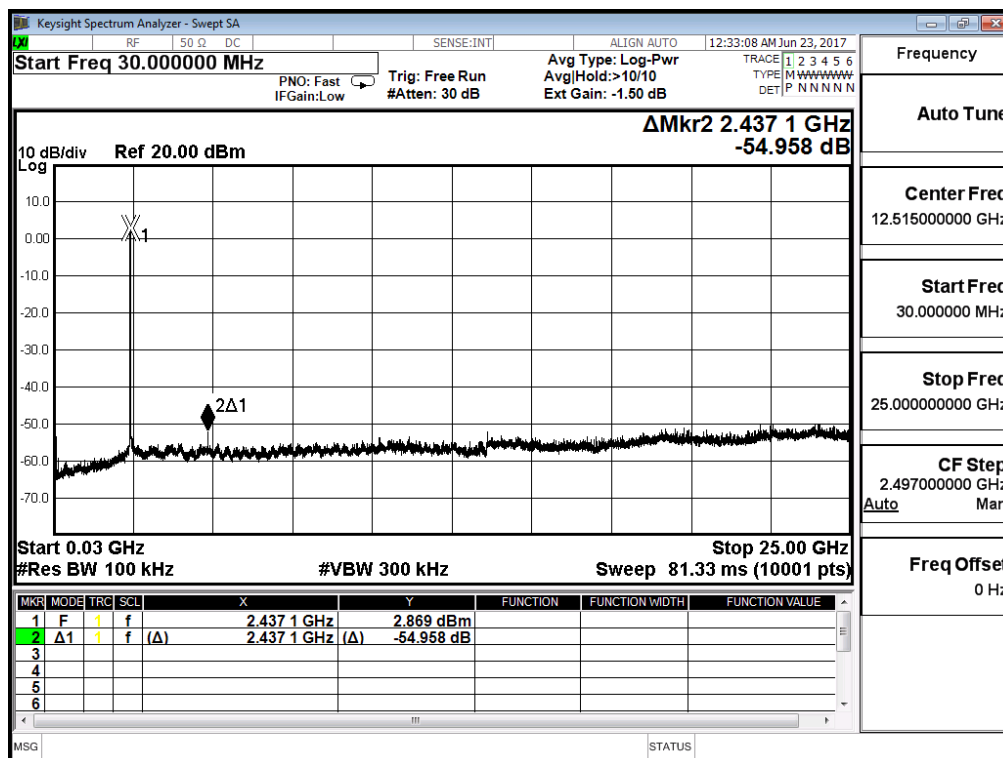


Product	Digital Camera		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

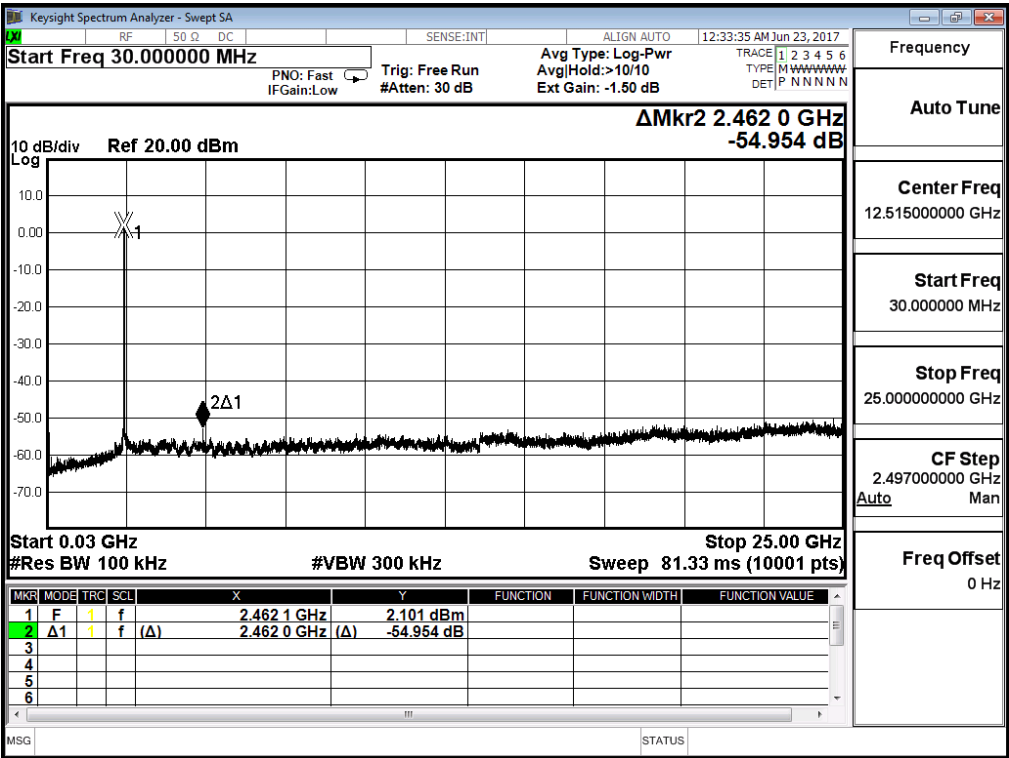
2412MHz (30MHz-25GHz)-802.11b-ANT 0



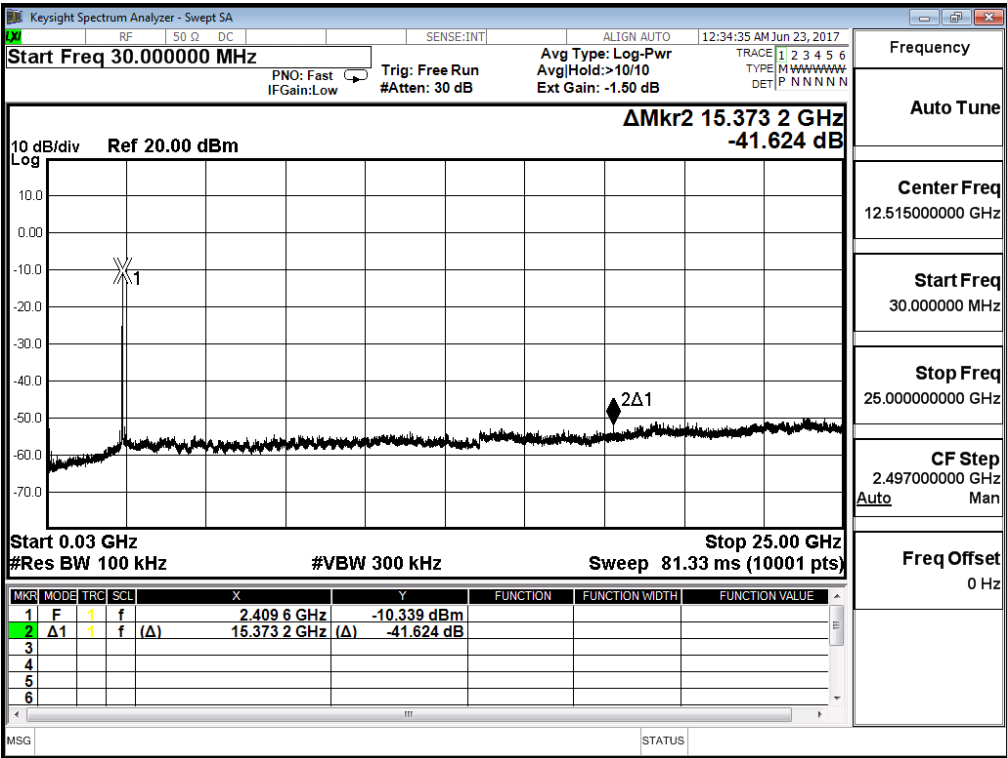
2437MHz (30MHz-25GHz)-802.11b-ANT 0



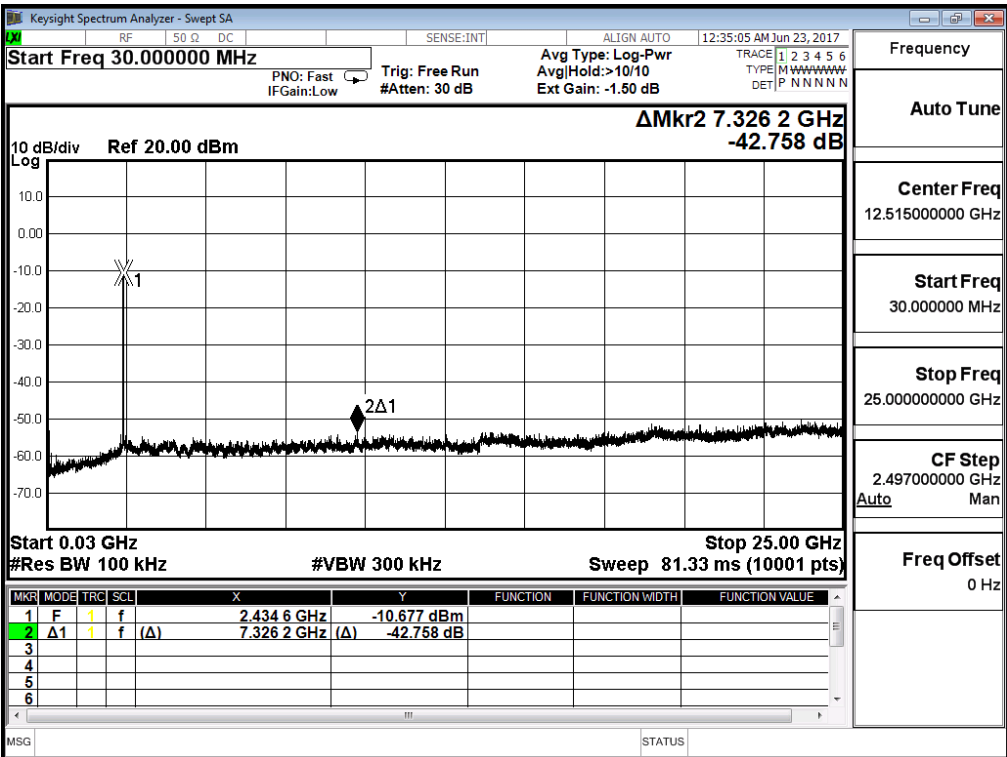
2462MHz (30MHz-25GHz)-802.11b-ANT 0



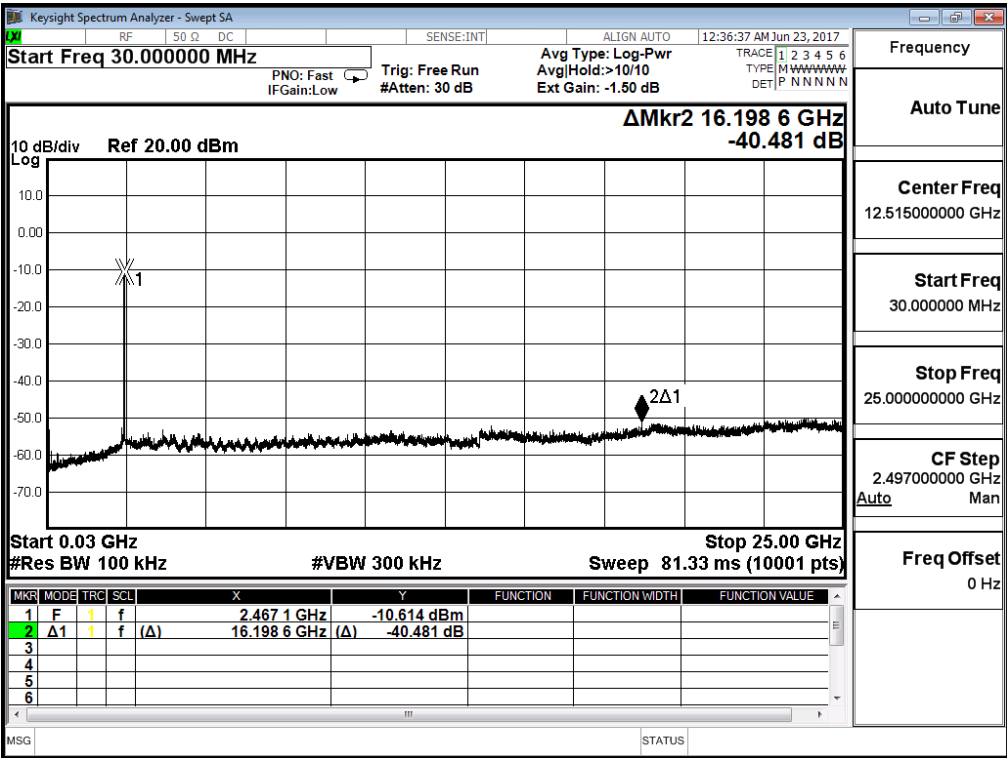
2412MHz (30MHz-25GHz)-802.11g-ANT 0



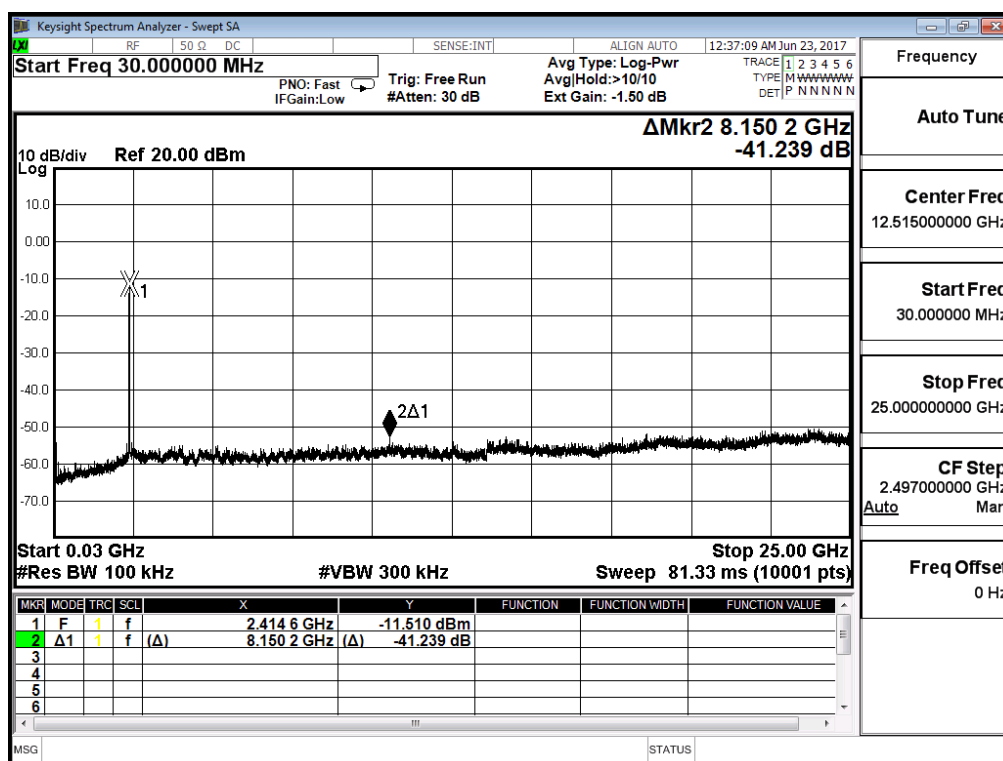
2437MHz (30MHz-25GHz)-802.11g-ANT 0



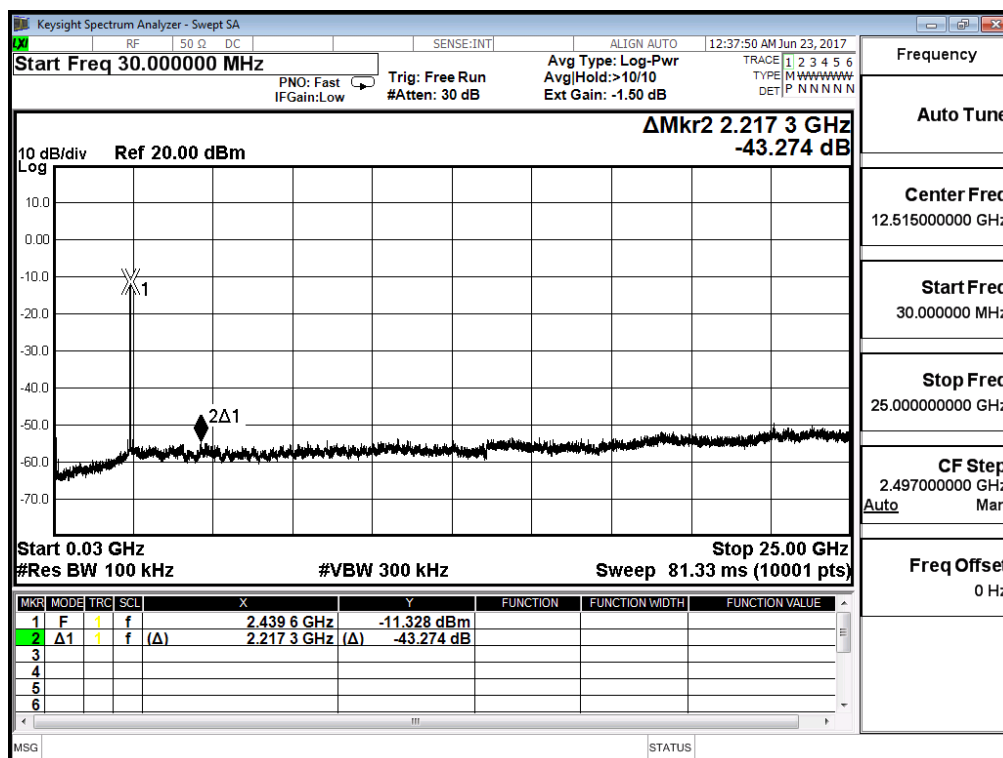
2462MHz (30MHz-25GHz)-802.11g-ANT 0



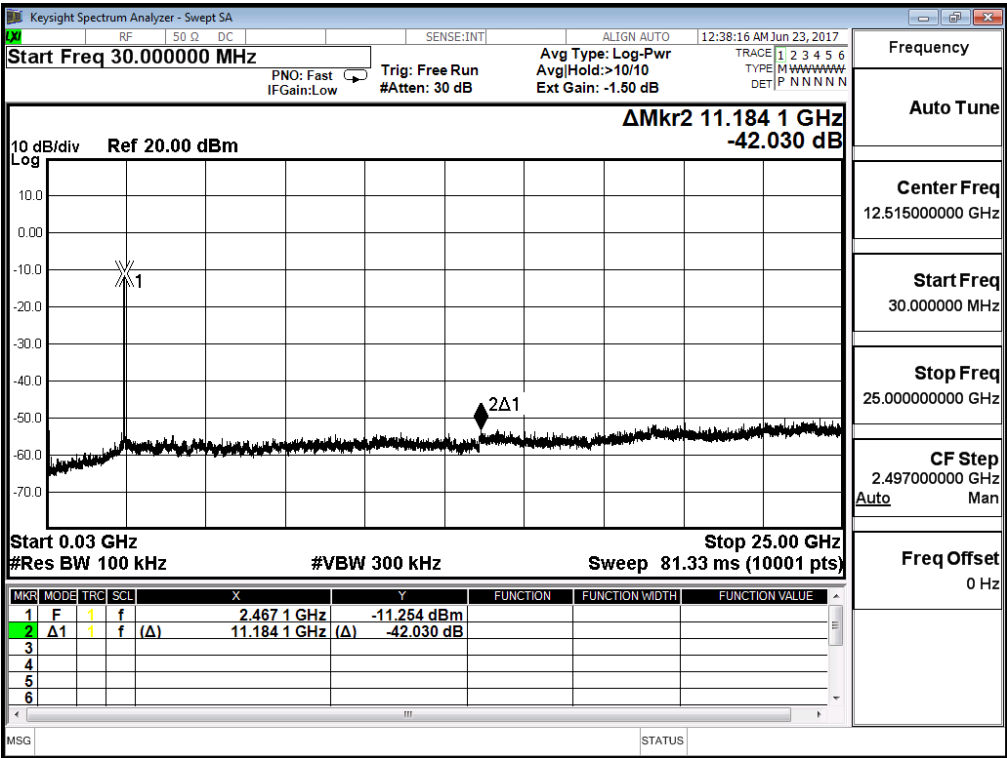
2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0



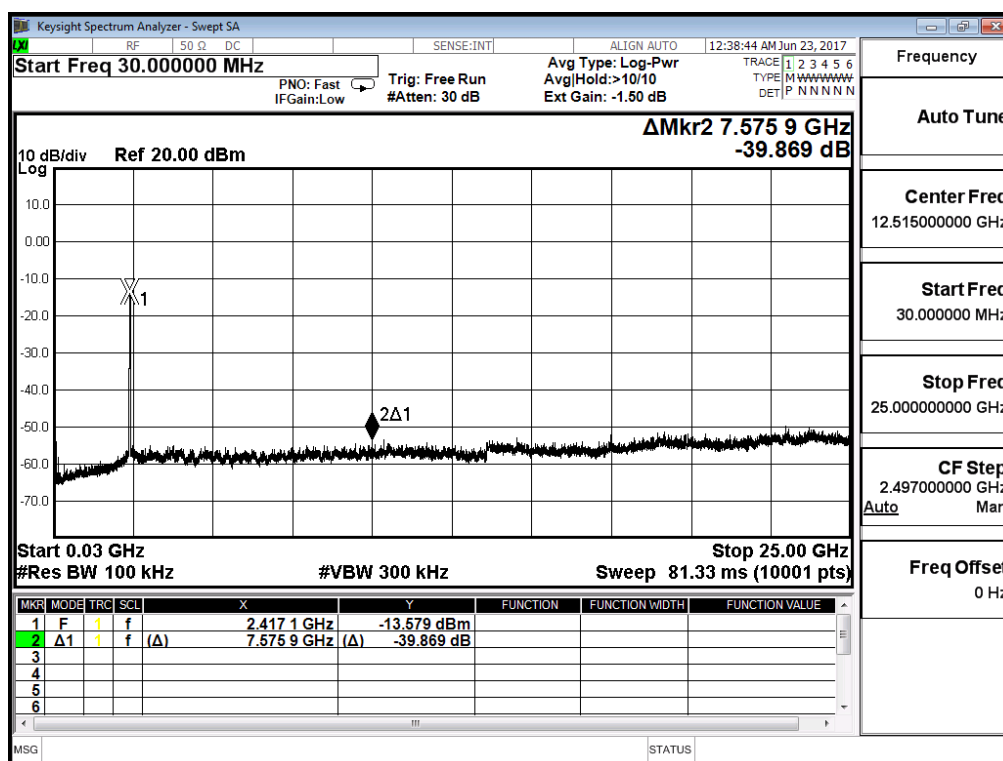
2437MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0



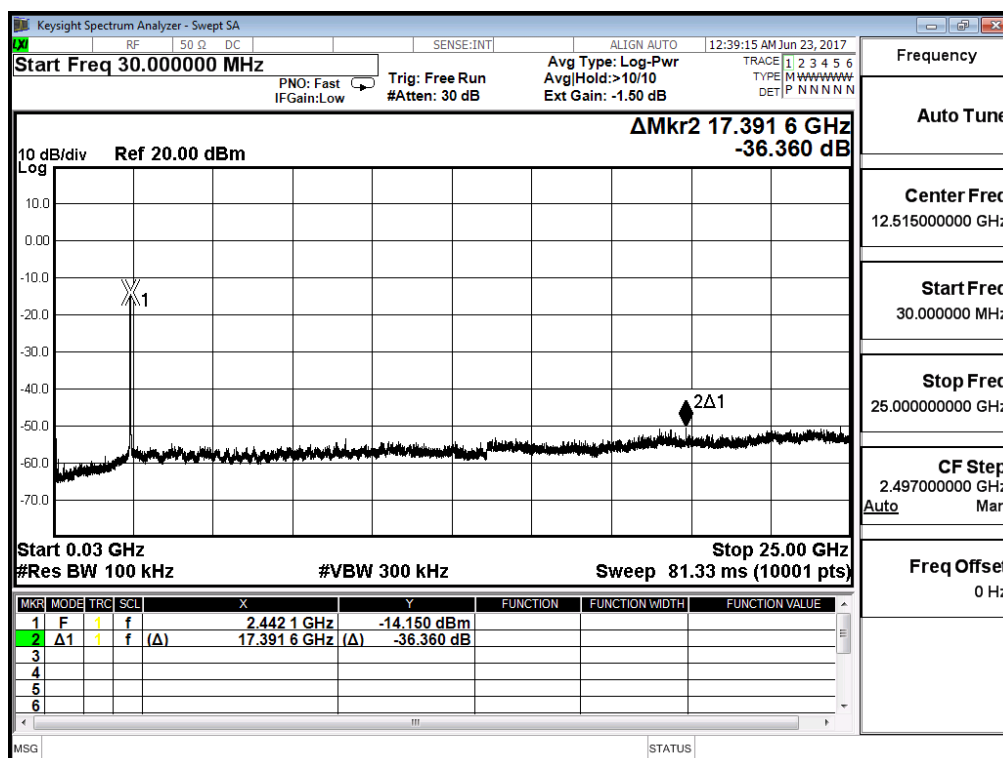
2462MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0



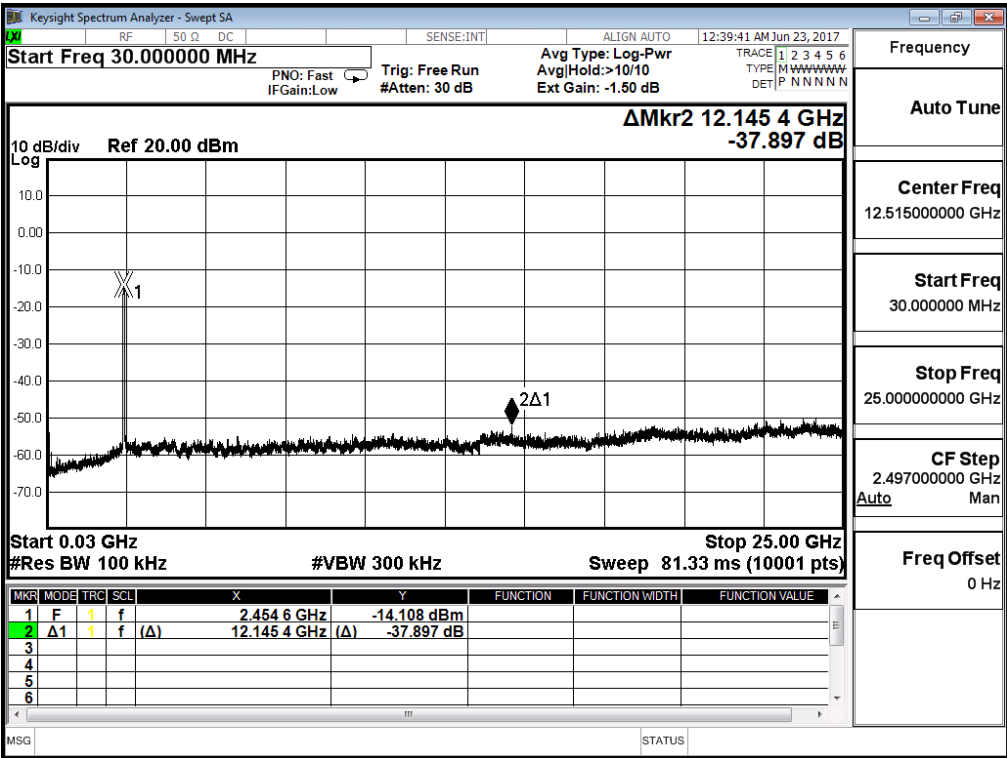
2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



2437MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



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



6. Radiated Emission Band Edge

6.1. Test Equipment

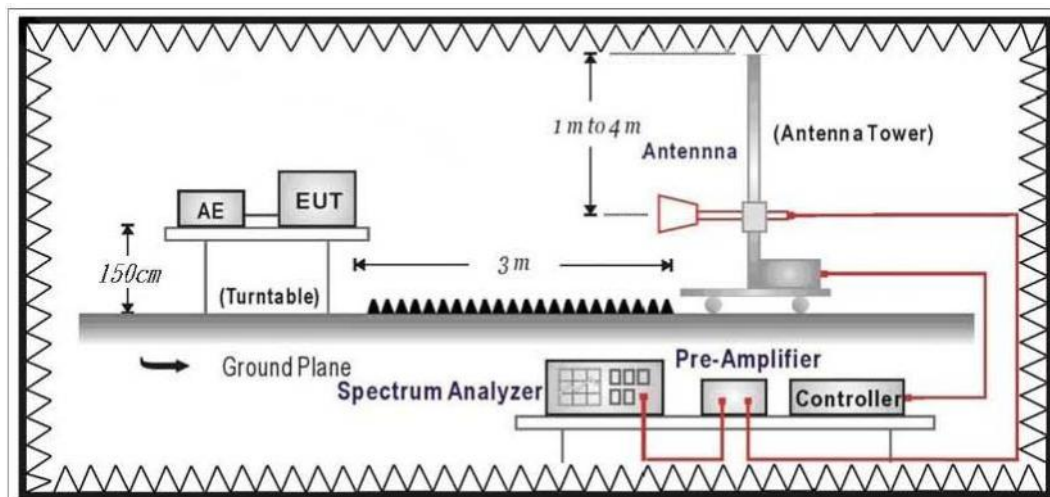
The following test equipment are used during the test:

Radiated Emission Band Edge / CB2-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101455	2017/11/27
Bilog Antenna	Teseq	CBL6112D	23191	2017/07/04
Horn Antenna	Schwarzbeck	BBHA 9120	D639	2018/06/13
Pre-Amplifier	EMCI	EMC01820I	12162511	2018/03/08
Pre-Amplifier	EMCI	EMC01820I	980366	2018/01/22

Note: All equipment 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 KDB 558074 D01 V04 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

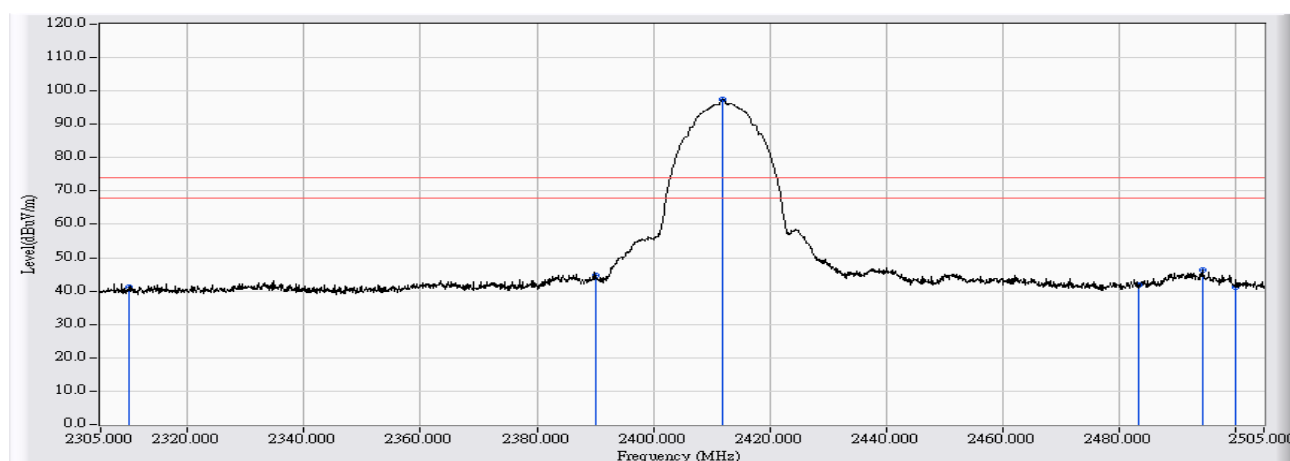
6.6. Uncertainty

The measurement uncertainty

± 3.9 dB above 1GHz

6.7. Test Result

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2412MHz

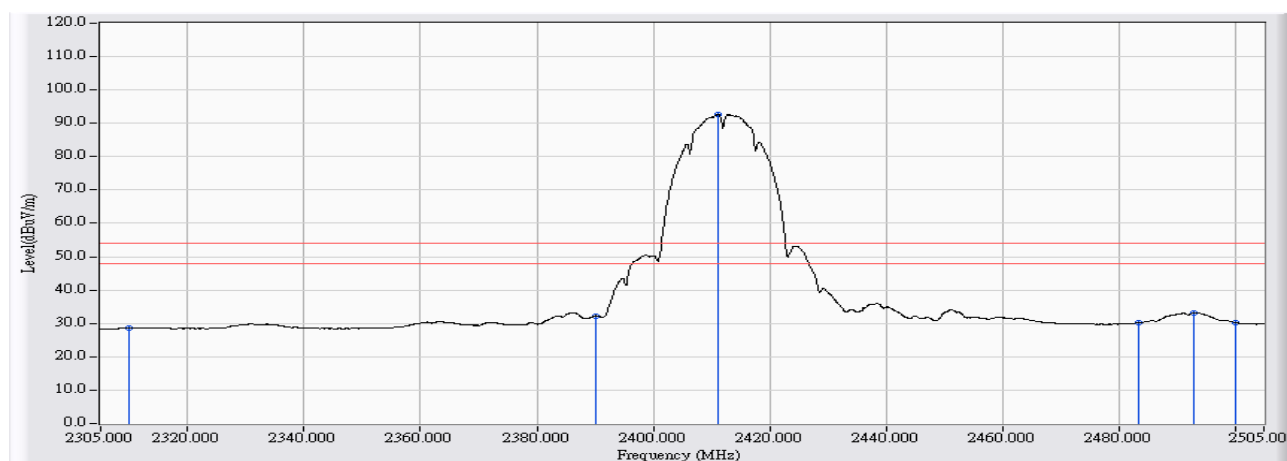


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.897	41.040	-32.960	74.000	PEAK
2	2390.000	11.576	33.046	44.622	-29.378	74.000	PEAK
3	* 2412.000	11.697	85.943	97.640	23.640	74.000	PEAK
4	2483.500	12.091	29.712	41.804	-32.196	74.000	PEAK
5	2494.400	12.151	34.062	46.213	-27.787	74.000	PEAK
6	2500.000	12.180	29.014	41.195	-32.805	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2412MHz

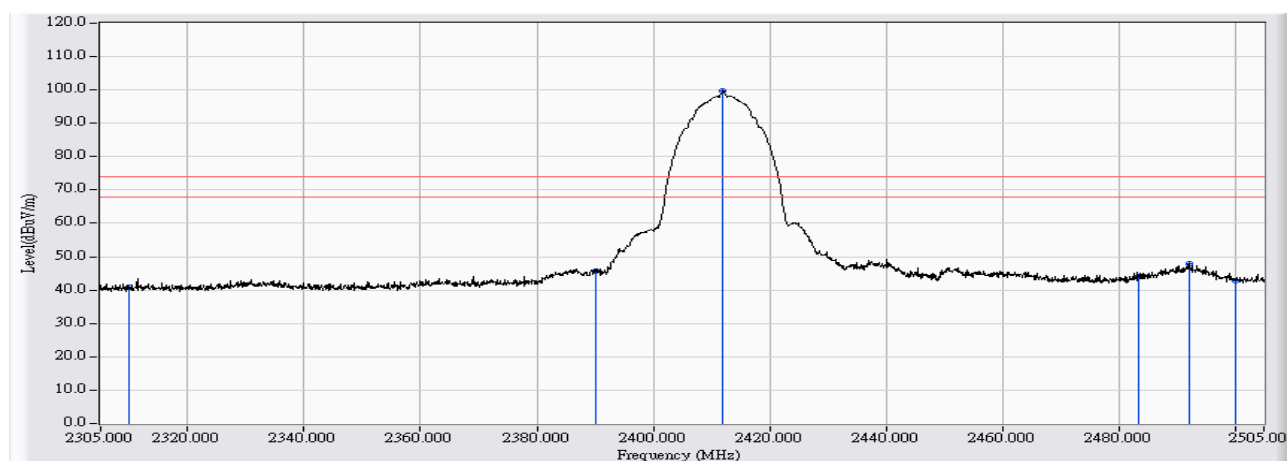


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.465	28.608	-25.392	54.000	AVERAGE
2		2390.000	11.576	20.731	32.307	-21.693	54.000	AVERAGE
3	*	2411.200	11.692	81.106	92.799	38.799	54.000	AVERAGE
4		2483.500	12.091	18.186	30.278	-23.722	54.000	AVERAGE
5		2493.000	12.144	21.113	33.256	-20.744	54.000	AVERAGE
6		2500.000	12.180	18.131	30.312	-23.688	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2412MHz

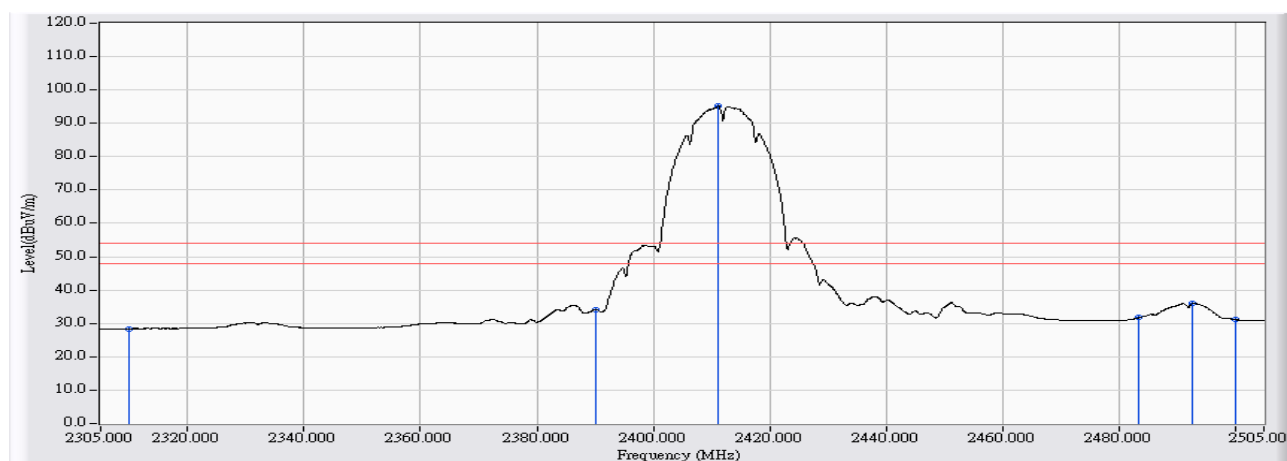


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	29.785	40.928	-33.072	74.000	PEAK
2		2390.000	11.576	33.989	45.565	-28.435	74.000	PEAK
3	*	2412.000	11.697	87.961	99.658	25.658	74.000	PEAK
4		2483.500	12.091	31.878	43.970	-30.030	74.000	PEAK
5		2492.100	12.139	35.713	47.852	-26.148	74.000	PEAK
6		2500.000	12.180	30.541	42.722	-31.278	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2412MHz

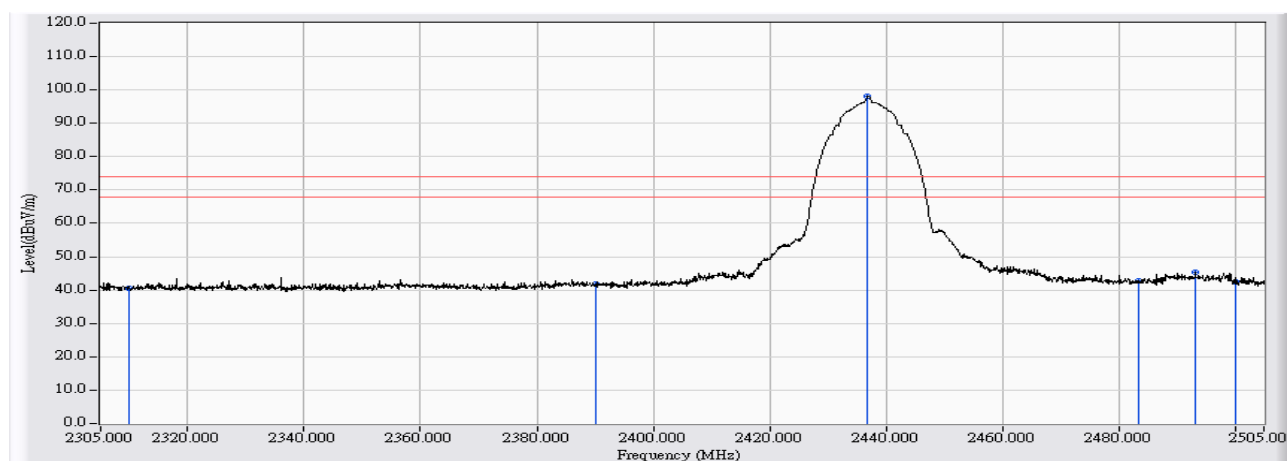


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.317	28.460	-25.540	54.000	AVERAGE
2		2390.000	11.576	22.620	34.196	-19.804	54.000	AVERAGE
3	*	2411.200	11.692	83.510	95.203	41.203	54.000	AVERAGE
4		2483.500	12.091	19.598	31.690	-22.310	54.000	AVERAGE
5		2492.600	12.141	23.767	35.908	-18.092	54.000	AVERAGE
6		2500.000	12.180	18.959	31.140	-22.860	54.000	AVERAGE

Note:

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

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2437MHz

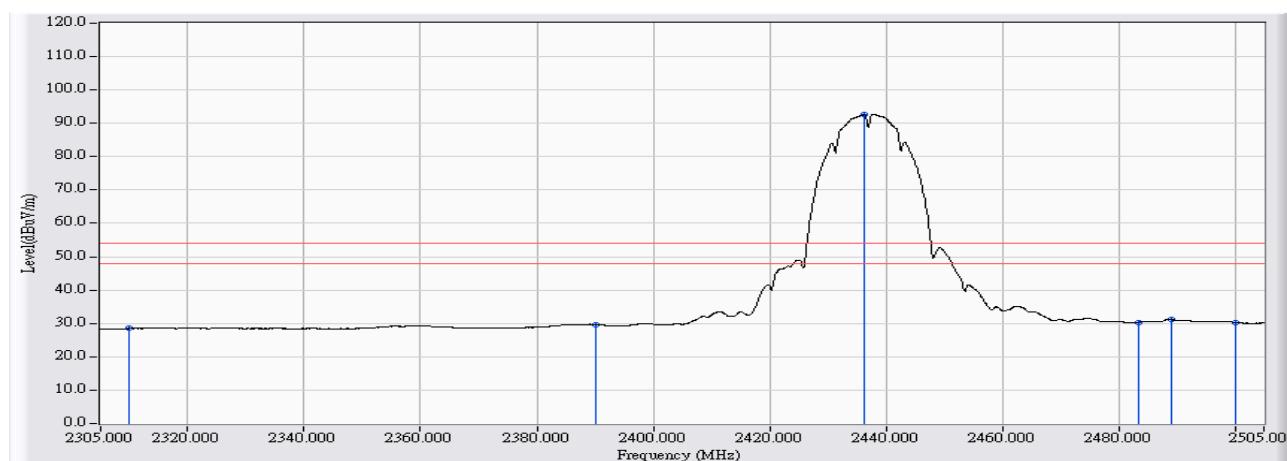


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	29.333	40.476	-33.524	74.000	PEAK
2		2390.000	11.576	30.179	41.755	-32.245	74.000	PEAK
3	*	2436.900	11.835	86.207	98.042	24.042	74.000	PEAK
4		2483.500	12.091	30.745	42.837	-31.163	74.000	PEAK
5		2493.200	12.145	33.160	45.305	-28.695	74.000	PEAK
6		2500.000	12.180	30.286	42.467	-31.533	74.000	PEAK

Note:

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

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2437MHz

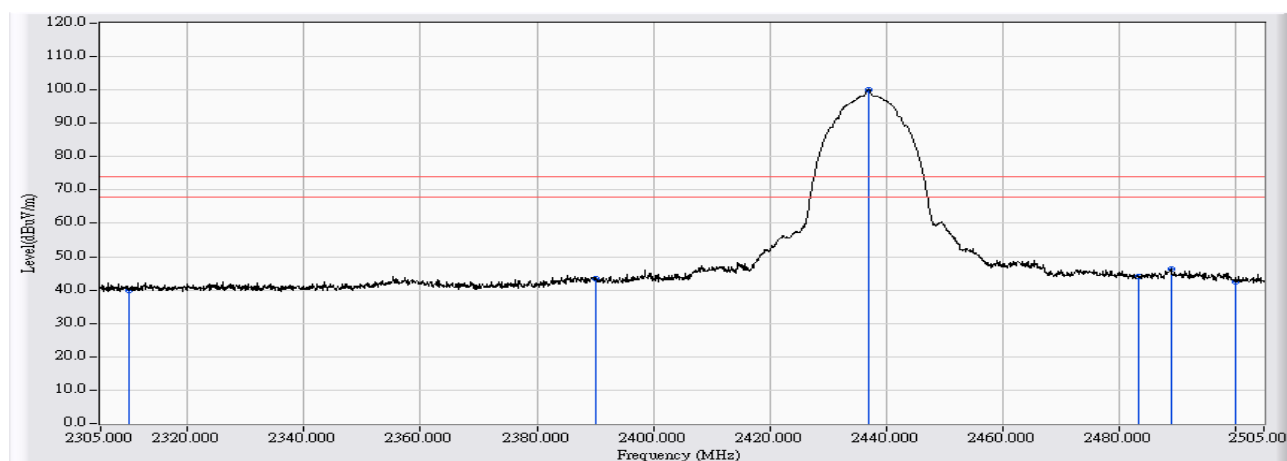


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.375	28.518	-25.482	54.000	AVERAGE
2		2390.000	11.576	18.122	29.698	-24.302	54.000	AVERAGE
3	*	2436.200	11.831	80.974	92.805	38.805	54.000	AVERAGE
4		2483.500	12.091	18.276	30.368	-23.632	54.000	AVERAGE
5		2489.000	12.122	18.994	31.116	-22.884	54.000	AVERAGE
6		2500.000	12.180	17.986	30.167	-23.833	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2437MHz

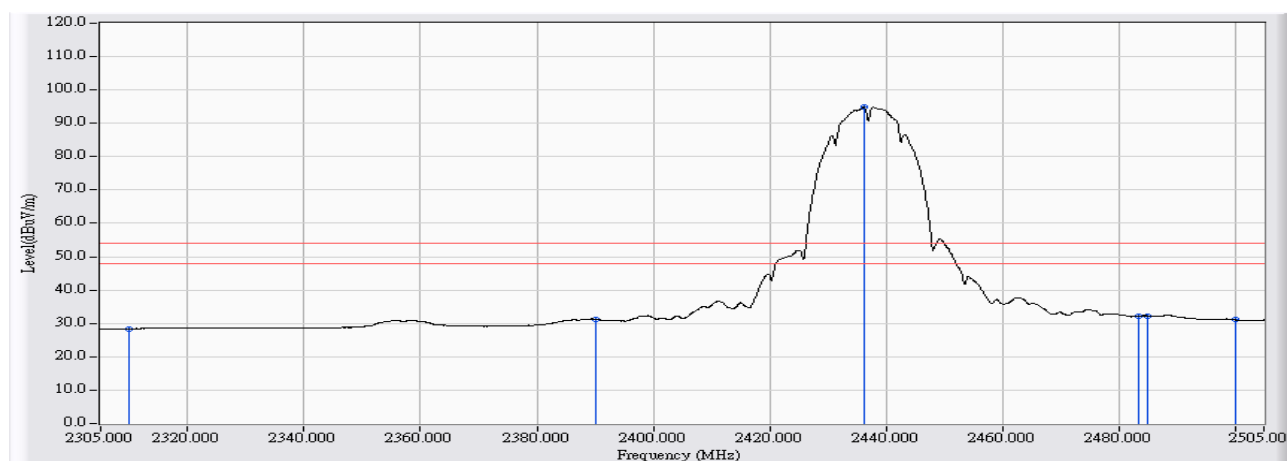


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	28.818	39.961	-34.039	74.000	PEAK
2		2390.000	11.576	31.744	43.320	-30.680	74.000	PEAK
3	*	2437.000	11.835	88.274	100.109	26.109	74.000	PEAK
4		2483.500	12.091	32.049	44.141	-29.859	74.000	PEAK
5		2489.000	12.122	34.201	46.323	-27.677	74.000	PEAK
6		2500.000	12.180	30.345	42.526	-31.474	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2437MHz

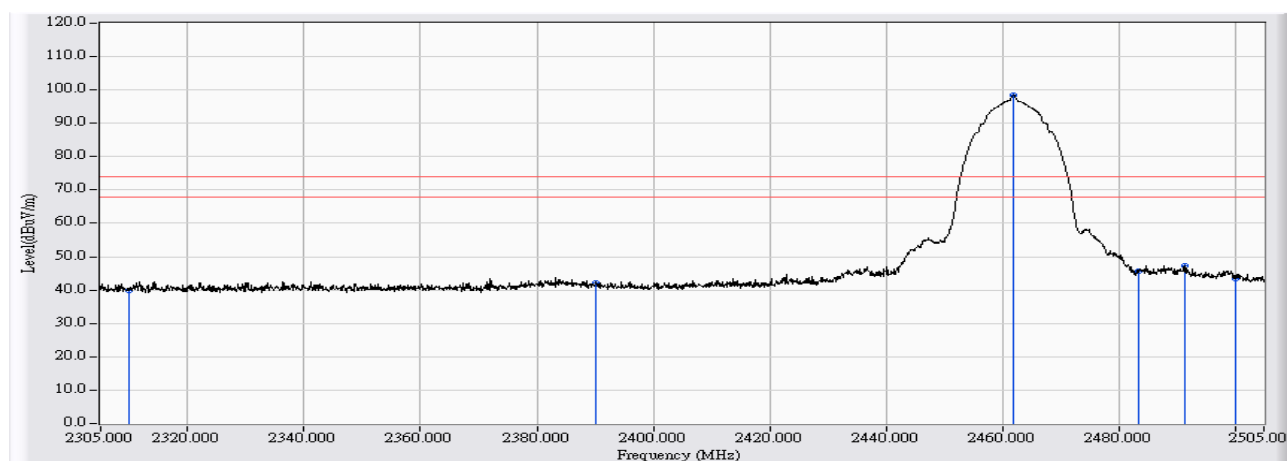


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.225	28.368	-25.632	54.000	AVERAGE
2		2390.000	11.576	19.717	31.293	-22.707	54.000	AVERAGE
3	*	2436.200	11.831	83.027	94.858	40.858	54.000	AVERAGE
4		2483.500	12.091	20.042	32.134	-21.866	54.000	AVERAGE
5		2484.900	12.100	20.226	32.326	-21.674	54.000	AVERAGE
6		2500.000	12.180	18.902	31.083	-22.917	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2462MHz

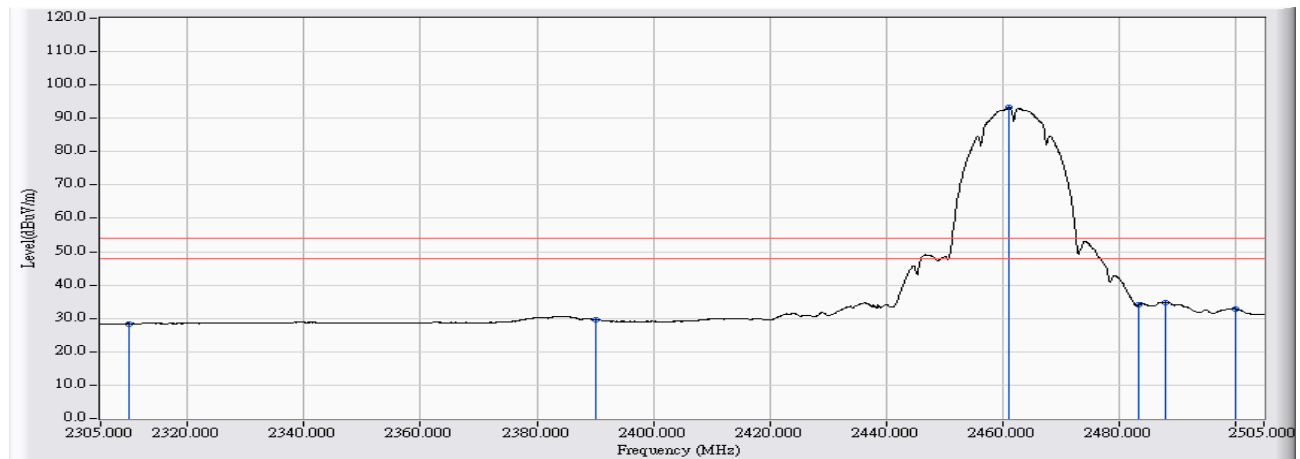


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	28.821	39.964	-34.036	74.000	PEAK
2		2390.000	11.576	30.633	42.209	-31.791	74.000	PEAK
3	*	2462.000	11.974	86.479	98.452	24.452	74.000	PEAK
4		2483.500	12.091	33.550	45.642	-28.358	74.000	PEAK
5		2491.300	12.135	35.220	47.354	-26.646	74.000	PEAK
6		2500.000	12.180	31.355	43.536	-30.464	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2462MHz

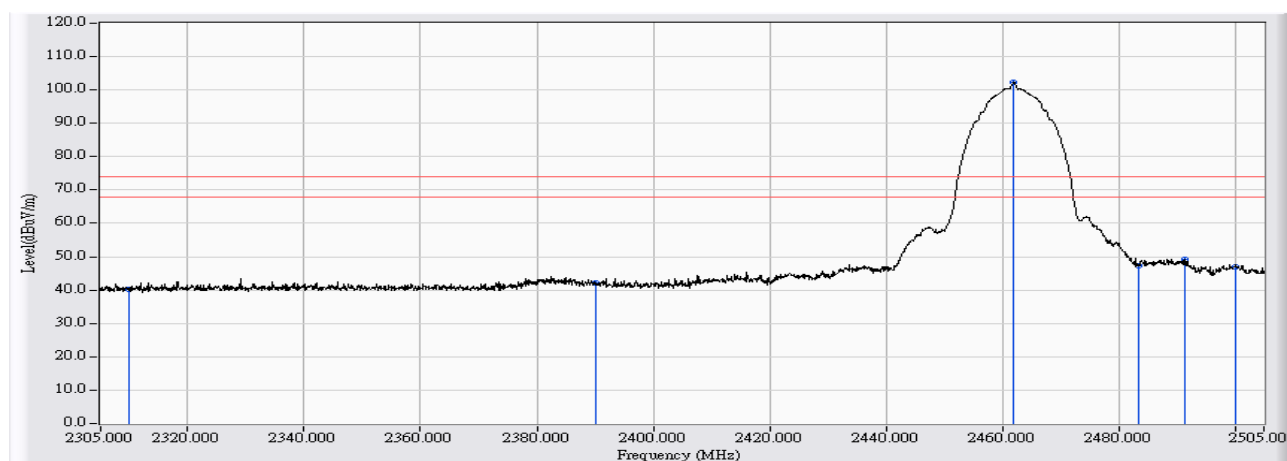


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.295	28.438	-25.562	54.000	AVERAGE
2	2390.000	11.576	18.030	29.606	-24.394	54.000	AVERAGE
3	* 2461.200	11.969	81.314	93.283	39.283	54.000	AVERAGE
4	2483.500	12.091	21.897	33.989	-20.011	54.000	AVERAGE
5	2488.000	12.117	22.664	34.780	-19.220	54.000	AVERAGE
6	2500.000	12.180	20.763	32.944	-21.056	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2462MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	29.058	40.201	-33.799	74.000	PEAK
2		2390.000	11.576	30.583	42.159	-31.841	74.000	PEAK
3	*	2462.000	11.974	90.212	102.185	28.185	74.000	PEAK
4		2483.500	12.091	35.250	47.342	-26.658	74.000	PEAK
5		2491.300	12.135	37.234	49.368	-24.632	74.000	PEAK
6		2500.000	12.180	34.741	46.922	-27.078	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2462MHz

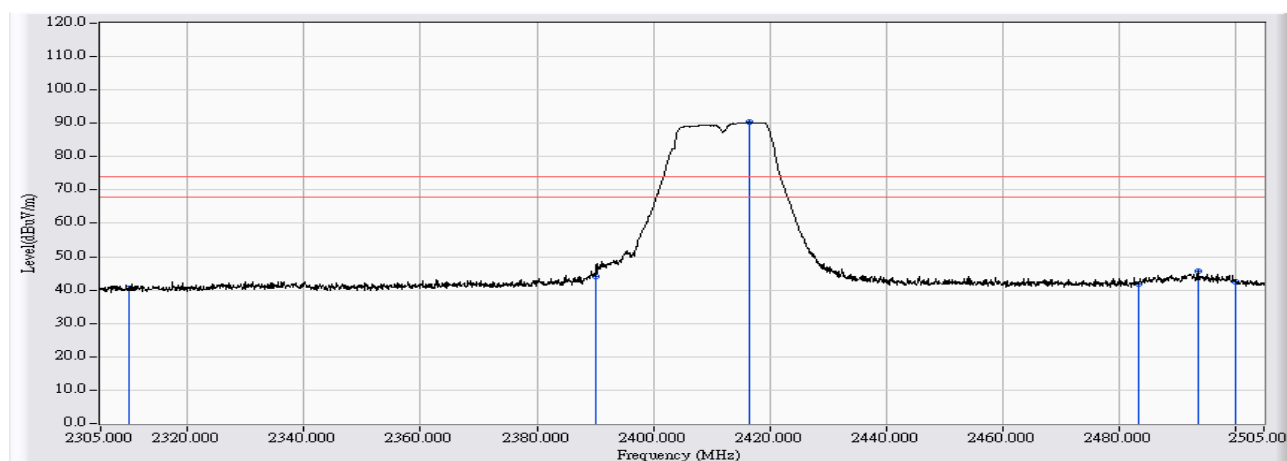


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.312	28.455	-25.545	54.000	AVERAGE
2		2390.000	11.576	18.188	29.764	-24.236	54.000	AVERAGE
3	*	2461.200	11.969	85.126	97.095	43.095	54.000	AVERAGE
4		2483.500	12.091	24.276	36.368	-17.632	54.000	AVERAGE
5		2488.800	12.121	25.846	37.967	-16.033	54.000	AVERAGE
6		2500.000	12.180	24.510	36.691	-17.309	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2412MHz

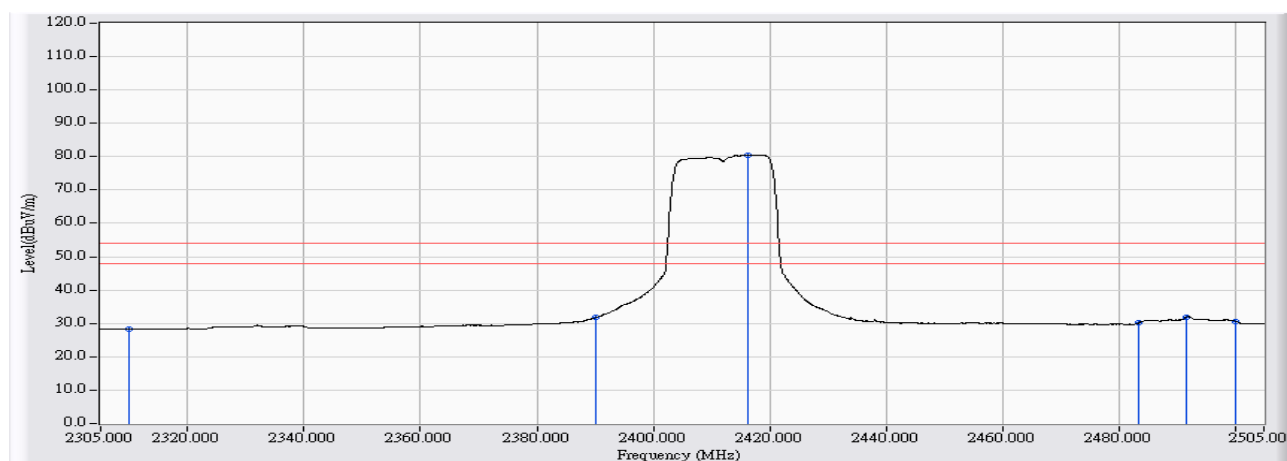


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.258	40.401	-33.599	74.000	PEAK
2	2390.000	11.576	32.537	44.113	-29.887	74.000	PEAK
3	* 2416.600	11.723	78.535	90.258	16.258	74.000	PEAK
4	2483.500	12.091	29.726	41.818	-32.182	74.000	PEAK
5	2493.600	12.147	33.493	45.640	-28.360	74.000	PEAK
6	2500.000	12.180	30.147	42.328	-31.672	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2412MHz

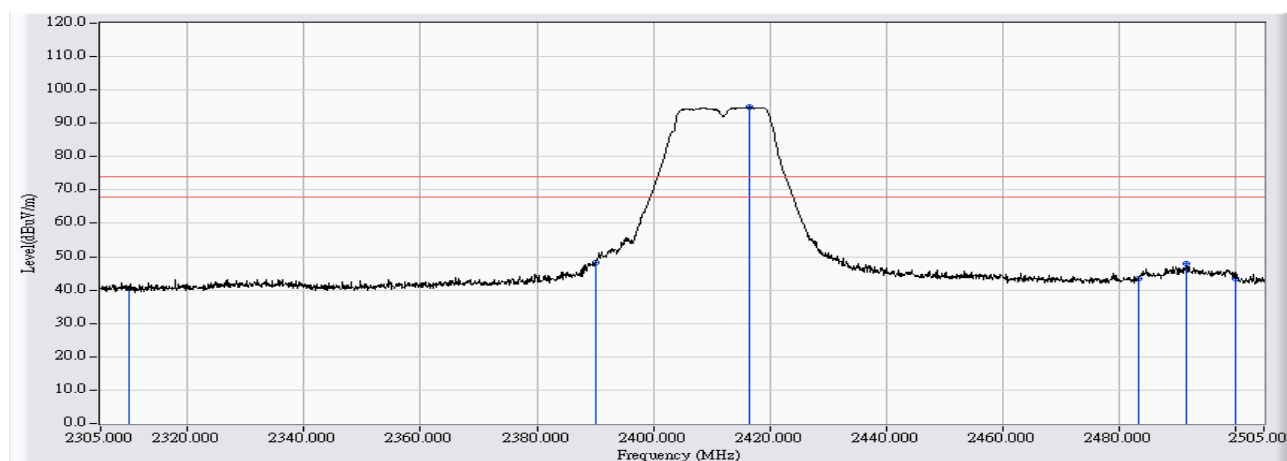


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.185	28.328	-25.672	54.000	AVERAGE
2		2390.000	11.576	20.146	31.722	-22.278	54.000	AVERAGE
3	*	2416.400	11.721	68.791	80.512	26.512	54.000	AVERAGE
4		2483.500	12.091	18.073	30.165	-23.835	54.000	AVERAGE
5		2491.600	12.136	19.706	31.842	-22.158	54.000	AVERAGE
6		2500.000	12.180	18.519	30.700	-23.300	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2412MHz

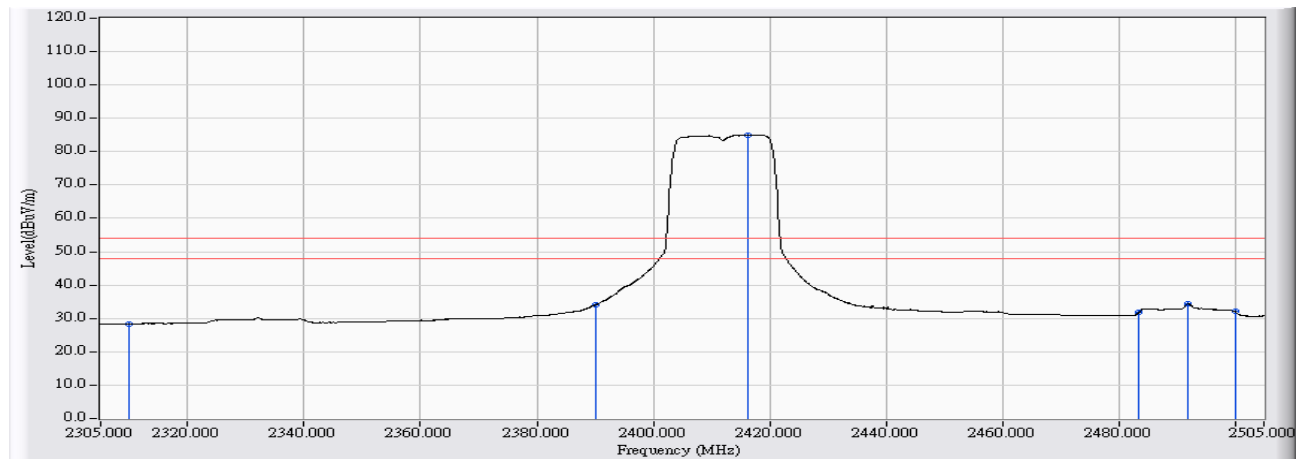


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.311	40.454	-33.546	74.000	PEAK
2	2390.000	11.576	36.610	48.186	-25.814	74.000	PEAK
3	* 2416.600	11.723	83.039	94.762	20.762	74.000	PEAK
4	2483.500	12.091	31.436	43.528	-30.472	74.000	PEAK
5	2491.667	12.136	35.864	48.000	-26.000	74.000	PEAK
6	2500.000	12.180	31.357	43.538	-30.462	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2412MHz

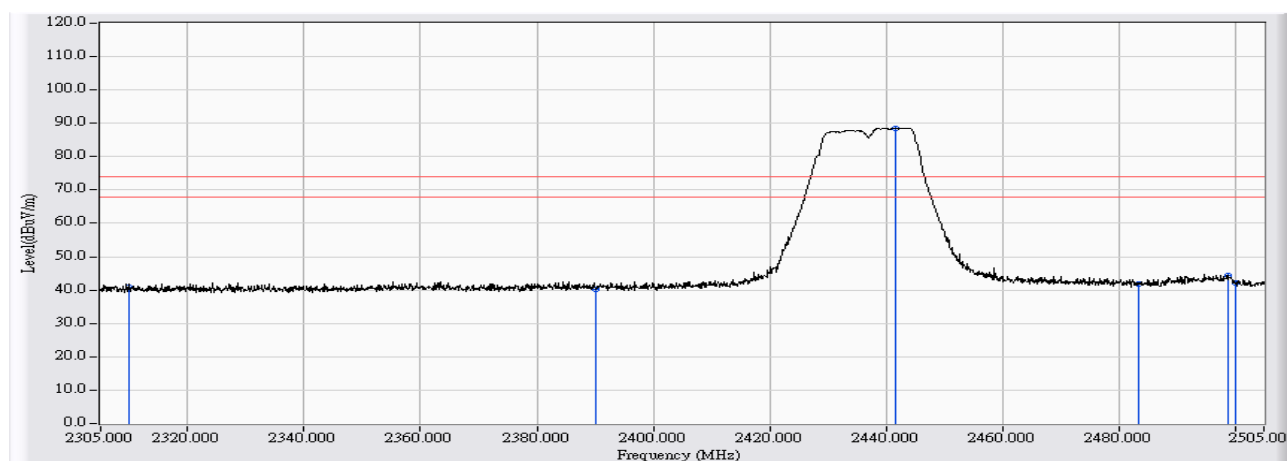


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.219	28.362	-25.638	54.000	AVERAGE
2		2390.000	11.576	22.452	34.028	-19.972	54.000	AVERAGE
3	*	2416.200	11.720	73.337	85.057	31.057	54.000	AVERAGE
4		2483.500	12.091	19.637	31.729	-22.271	54.000	AVERAGE
5		2491.800	12.136	22.177	34.314	-19.686	54.000	AVERAGE
6		2500.000	12.180	19.881	32.062	-21.938	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11b_2437MHz

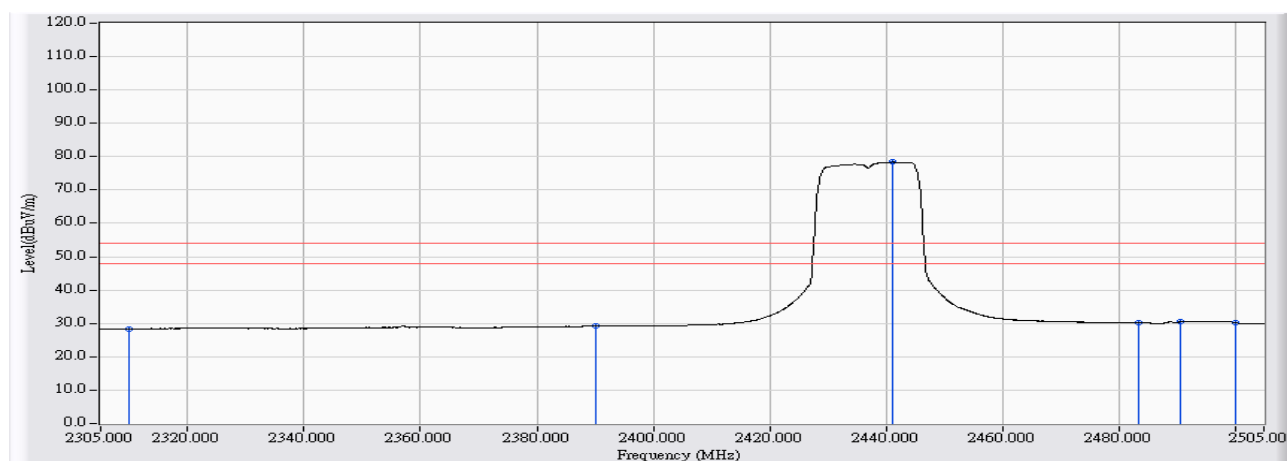


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.589	40.732	-33.268	74.000	PEAK
2	2390.000	11.576	28.601	40.177	-33.823	74.000	PEAK
3	* 2441.600	11.861	76.703	88.564	14.564	74.000	PEAK
4	2483.500	12.091	29.717	41.809	-32.191	74.000	PEAK
5	2498.900	12.175	32.108	44.283	-29.717	74.000	PEAK
6	2500.000	12.180	30.061	42.242	-31.758	74.000	PEAK

Note:

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

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2437MHz

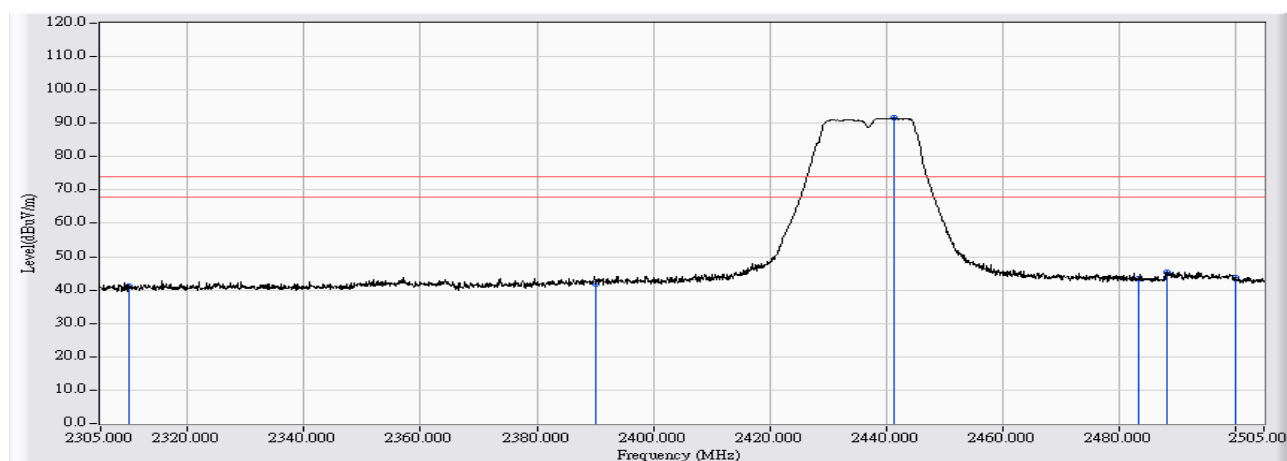


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.251	28.394	-25.606	54.000	AVERAGE
2		2390.000	11.576	17.672	29.248	-24.752	54.000	AVERAGE
3	*	2441.200	11.859	66.489	78.348	24.348	54.000	AVERAGE
4		2483.500	12.091	18.080	30.172	-23.828	54.000	AVERAGE
5		2490.600	12.130	18.288	30.418	-23.582	54.000	AVERAGE
6		2500.000	12.180	18.012	30.193	-23.807	54.000	AVERAGE

Note:

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

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2437MHz

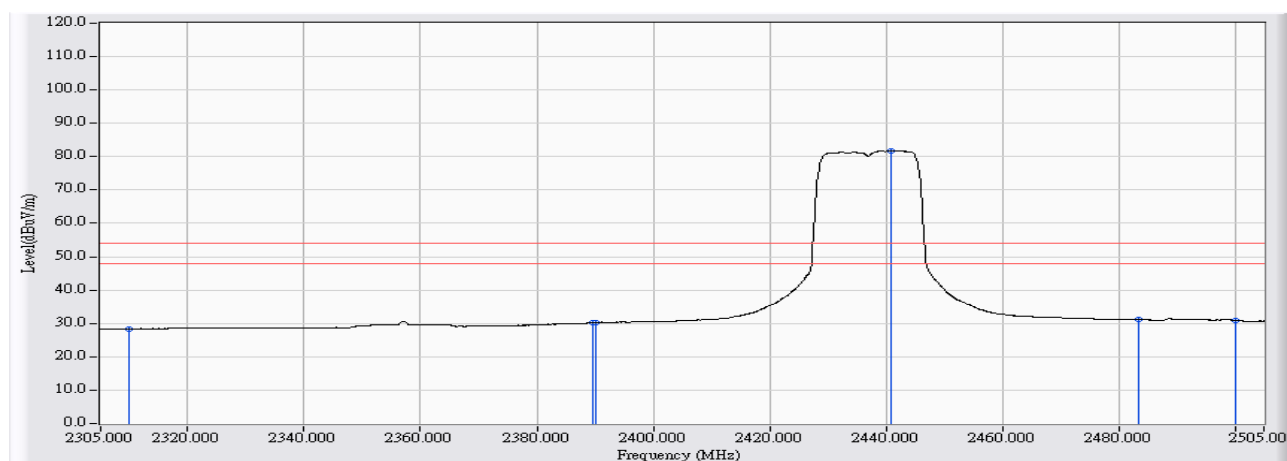


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	30.051	41.194	-32.806	74.000	PEAK
2		2390.000	11.576	30.384	41.960	-32.040	74.000	PEAK
3	*	2441.500	11.860	79.669	91.529	17.529	74.000	PEAK
4		2483.500	12.091	31.402	43.494	-30.506	74.000	PEAK
5		2488.300	12.118	33.216	45.334	-28.666	74.000	PEAK
6		2500.000	12.180	31.484	43.665	-30.335	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2437MHz

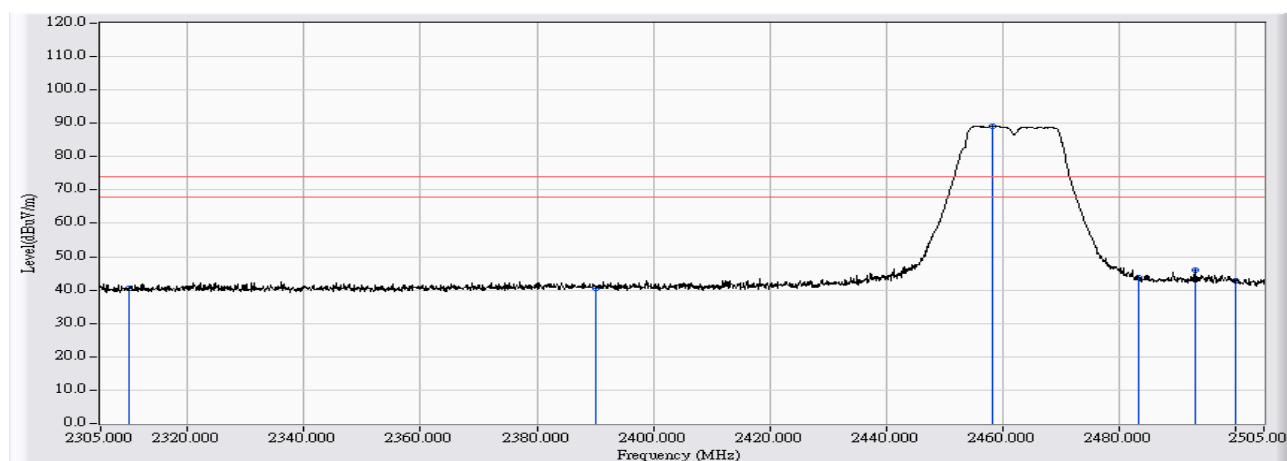


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.148	28.291	-25.709	54.000	AVERAGE
2	2389.500	11.574	18.685	30.258	-23.742	54.000	AVERAGE
3	2390.000	11.576	18.642	30.218	-23.782	54.000	AVERAGE
4	* 2441.000	11.857	69.903	81.760	27.760	54.000	AVERAGE
5	2483.500	12.091	18.995	31.087	-22.913	54.000	AVERAGE
6	2500.000	12.180	18.675	30.856	-23.144	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2462MHz

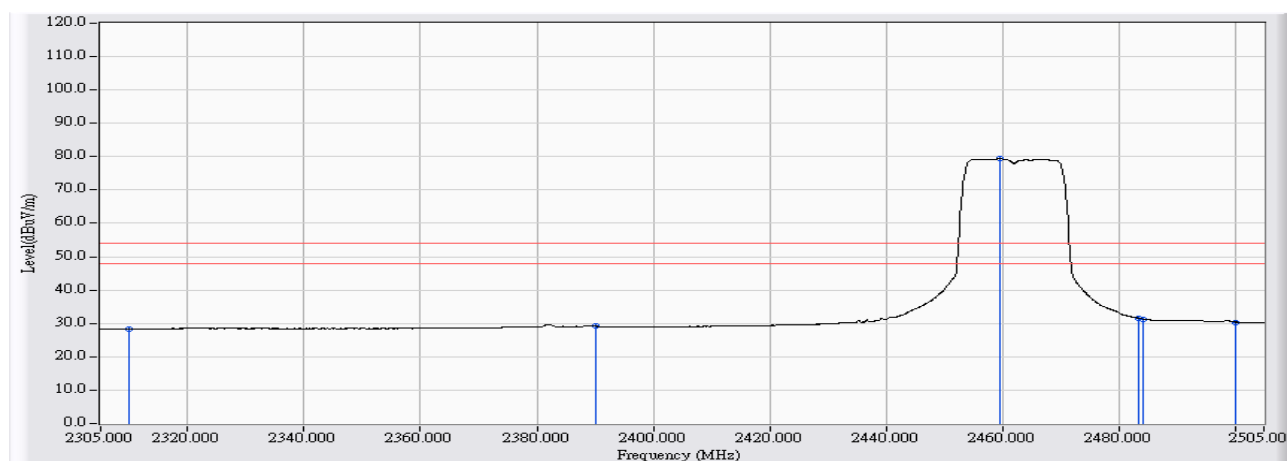


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.532	40.675	-33.325	74.000	PEAK
2	2390.000	11.576	28.935	40.511	-33.489	74.000	PEAK
3	* 2458.300	11.953	77.199	89.152	15.152	74.000	PEAK
4	2483.500	12.091	31.772	43.864	-30.136	74.000	PEAK
5	2493.300	12.145	34.008	46.153	-27.847	74.000	PEAK
6	2500.000	12.180	30.632	42.813	-31.187	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2462MHz

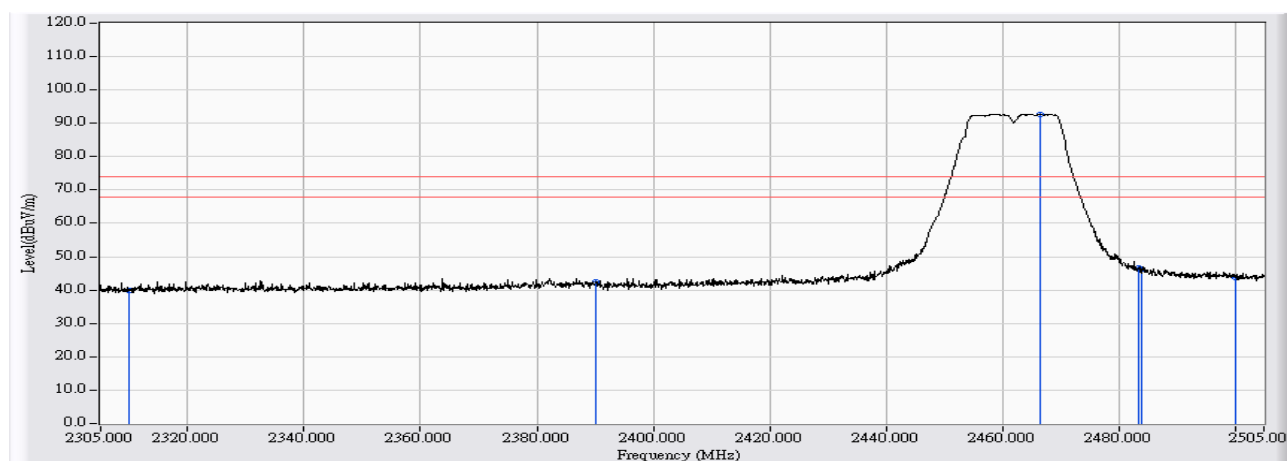


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.127	28.270	-25.730	54.000	AVERAGE
2		2390.000	11.576	17.638	29.214	-24.786	54.000	AVERAGE
3	*	2459.500	11.960	67.452	79.412	25.412	54.000	AVERAGE
4		2483.500	12.091	19.426	31.518	-22.482	54.000	AVERAGE
5		2484.200	12.096	19.177	31.273	-22.727	54.000	AVERAGE
6		2500.000	12.180	18.192	30.373	-23.627	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2462MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	28.666	39.809	-34.191	74.000	PEAK
2	2390.000	11.576	31.035	42.611	-31.389	74.000	PEAK
3	* 2466.500	11.999	80.748	92.746	18.746	74.000	PEAK
4	2483.500	12.091	34.668	46.760	-27.240	74.000	PEAK
5	2483.900	12.094	34.303	46.397	-27.603	74.000	PEAK
6	2500.000	12.180	31.615	43.796	-30.204	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 : CB2-H	Time : 2017/06/22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11g_2462MHz

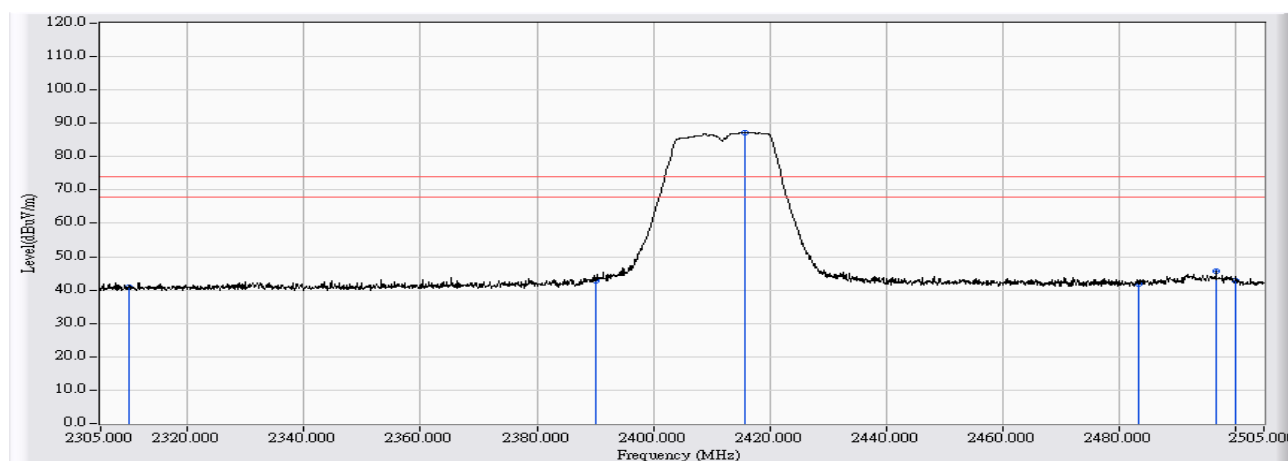


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.183	28.326	-25.674	54.000	AVERAGE
2		2390.000	11.576	18.536	30.112	-23.888	54.000	AVERAGE
3	*	2459.600	11.960	71.016	82.976	28.976	54.000	AVERAGE
4		2483.500	12.091	21.922	34.014	-19.986	54.000	AVERAGE
5		2483.600	12.092	21.871	33.964	-20.036	54.000	AVERAGE
6		2500.000	12.180	20.114	32.295	-21.705	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2412MHz

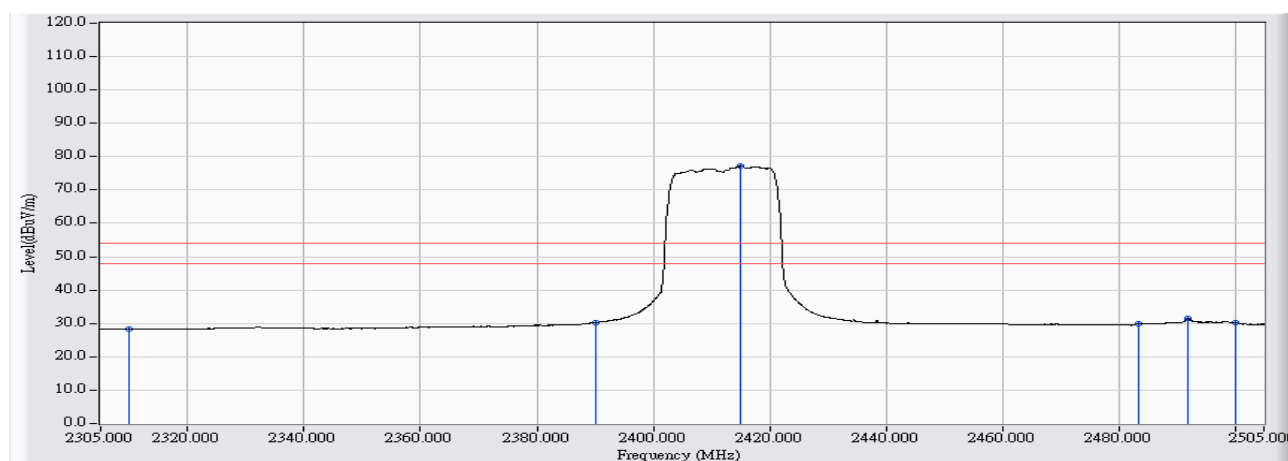


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.556	40.699	-33.301	74.000	PEAK
2	2390.000	11.576	31.332	42.908	-31.092	74.000	PEAK
3	* 2415.700	11.718	75.455	87.173	13.173	74.000	PEAK
4	2483.500	12.091	29.581	41.673	-32.327	74.000	PEAK
5	2496.800	12.164	33.405	45.569	-28.431	74.000	PEAK
6	2500.000	12.180	30.713	42.894	-31.106	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2412MHz

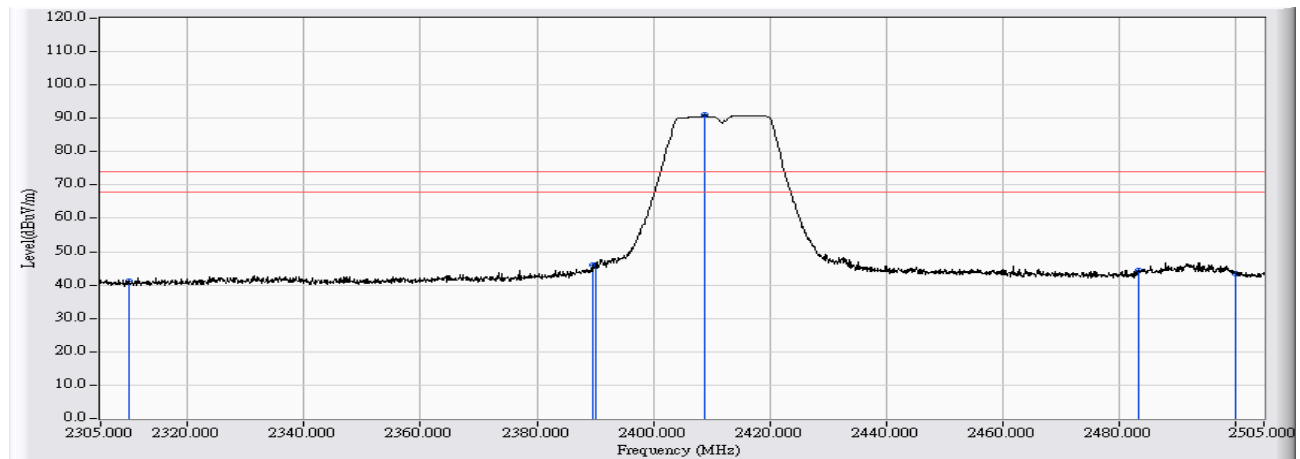


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.073	28.216	-25.784	54.000	AVERAGE
2		2390.000	11.576	18.668	30.244	-23.756	54.000	AVERAGE
3	*	2415.100	11.714	65.446	77.160	23.160	54.000	AVERAGE
4		2483.500	12.091	17.930	30.022	-23.978	54.000	AVERAGE
5		2491.800	12.136	19.233	31.370	-22.630	54.000	AVERAGE
6		2500.000	12.180	17.991	30.172	-23.828	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2412MHz

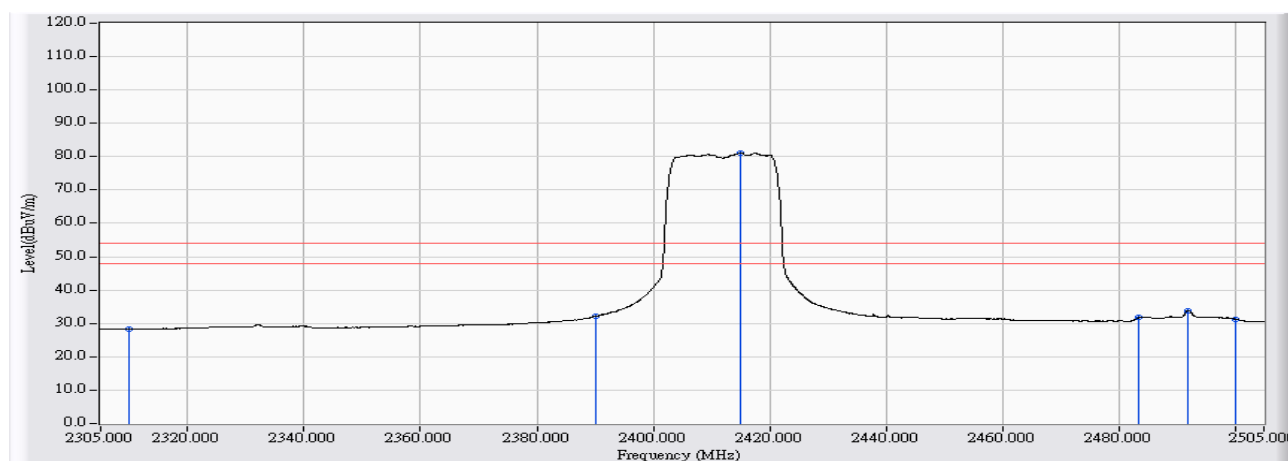


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	30.094	41.237	-32.763	74.000	PEAK
2	2389.600	11.574	34.528	46.102	-27.898	74.000	PEAK
3	2390.000	11.576	33.959	45.535	-28.465	74.000	PEAK
4	* 2408.900	11.680	79.430	91.110	17.110	74.000	PEAK
5	2483.500	12.091	32.226	44.318	-29.682	74.000	PEAK
6	2500.000	12.180	31.179	43.360	-30.640	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2412MHz

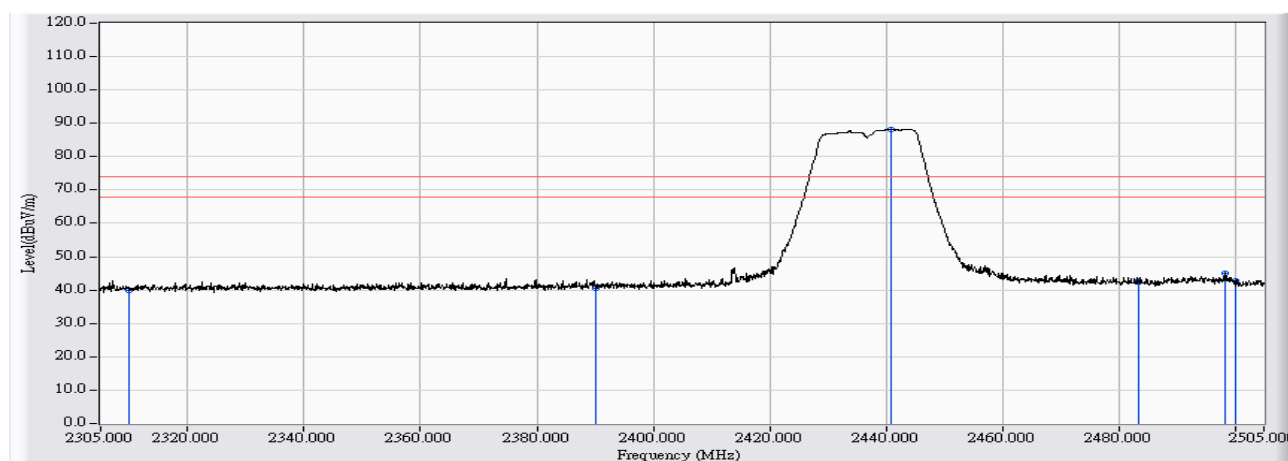


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.209	28.352	-25.648	54.000	AVERAGE
2	2390.000	11.576	20.542	32.118	-21.882	54.000	AVERAGE
3	* 2415.100	11.714	69.356	81.070	27.070	54.000	AVERAGE
4	2483.500	12.091	19.607	31.699	-22.301	54.000	AVERAGE
5	2491.800	12.136	21.694	33.831	-20.169	54.000	AVERAGE
6	2500.000	12.180	19.127	31.308	-22.692	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2437MHz

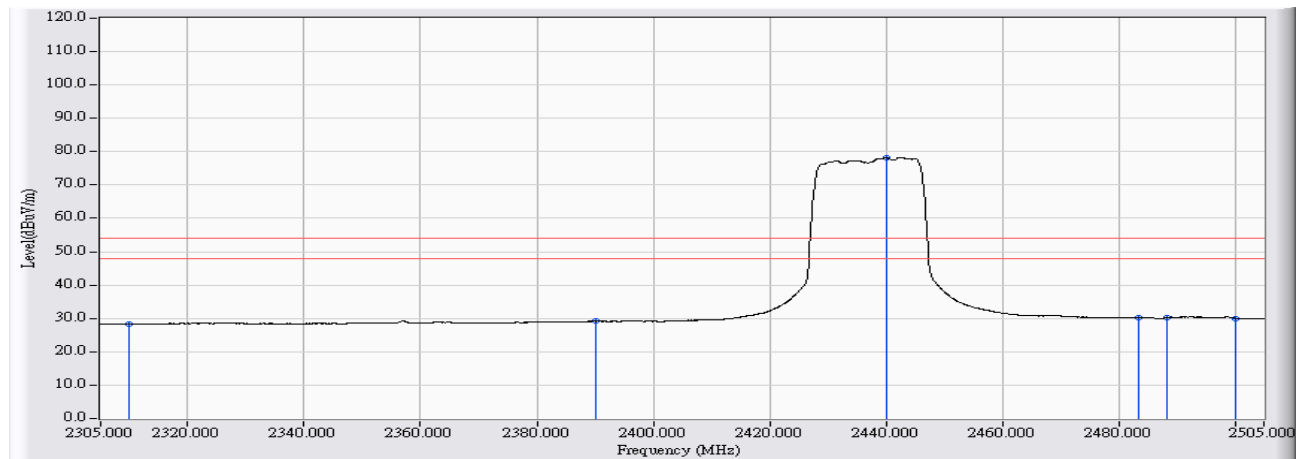


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	28.863	40.006	-33.994	74.000	PEAK
2	2390.000	11.576	28.950	40.526	-33.474	74.000	PEAK
3	* 2441.000	11.857	76.246	88.103	14.103	74.000	PEAK
4	2483.500	12.091	30.710	42.802	-31.198	74.000	PEAK
5	2498.300	12.172	32.926	45.098	-28.902	74.000	PEAK
6	2500.000	12.180	30.599	42.780	-31.220	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2437MHz

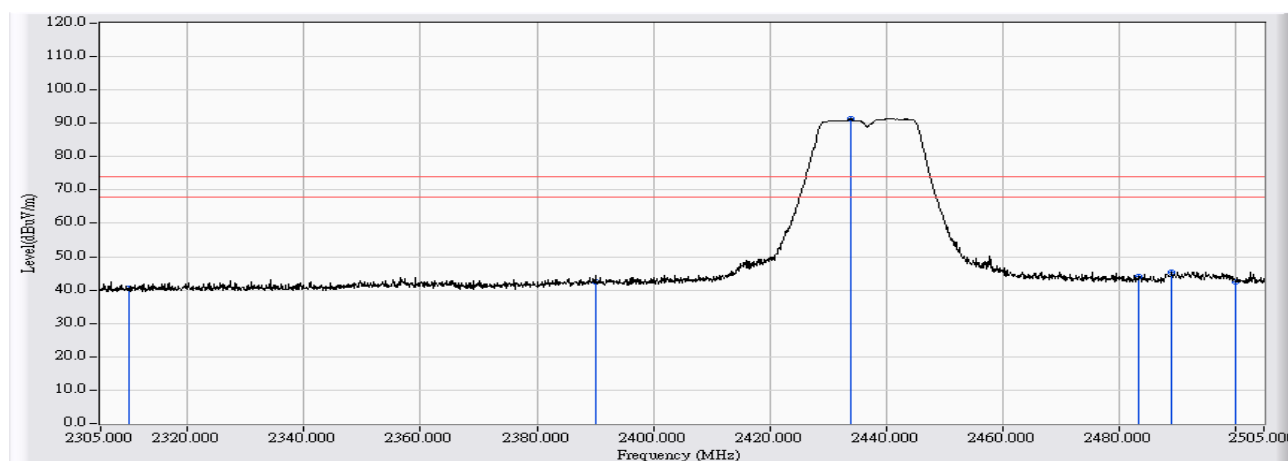


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.231	28.374	-25.626	54.000	AVERAGE
2		2390.000	11.576	17.574	29.150	-24.850	54.000	AVERAGE
3	*	2440.100	11.852	66.390	78.242	24.242	54.000	AVERAGE
4		2483.500	12.091	18.111	30.203	-23.797	54.000	AVERAGE
5		2488.300	12.118	18.210	30.328	-23.672	54.000	AVERAGE
6		2500.000	12.180	17.895	30.076	-23.924	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2437MHz

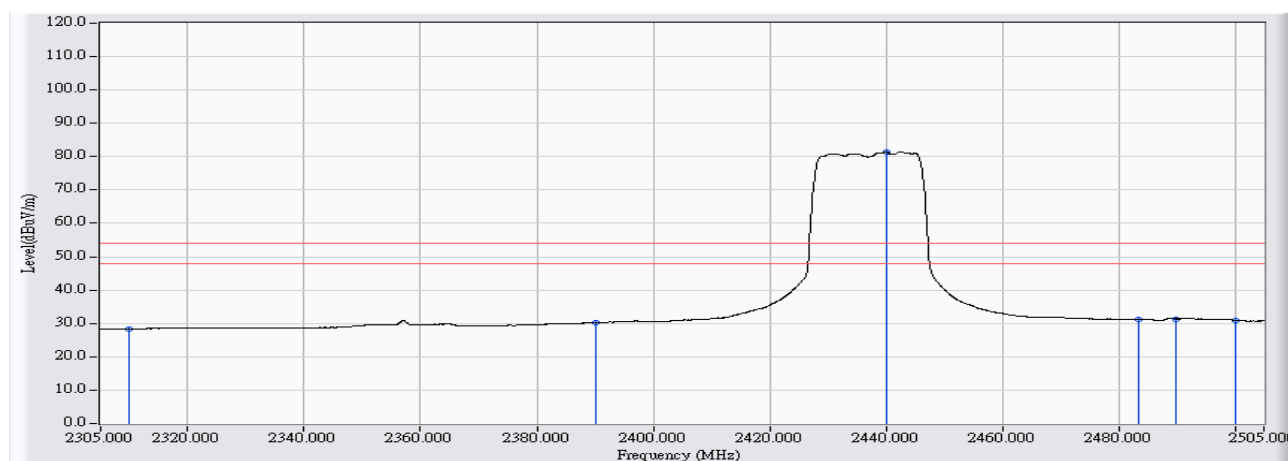


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.412	40.555	-33.445	74.000	PEAK
2	2390.000	11.576	30.967	42.543	-31.457	74.000	PEAK
3	* 2433.900	11.817	79.517	91.335	17.335	74.000	PEAK
4	2483.500	12.091	31.842	43.934	-30.066	74.000	PEAK
5	2489.100	12.123	33.351	45.473	-28.527	74.000	PEAK
6	2500.000	12.180	30.306	42.487	-31.513	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2437MHz

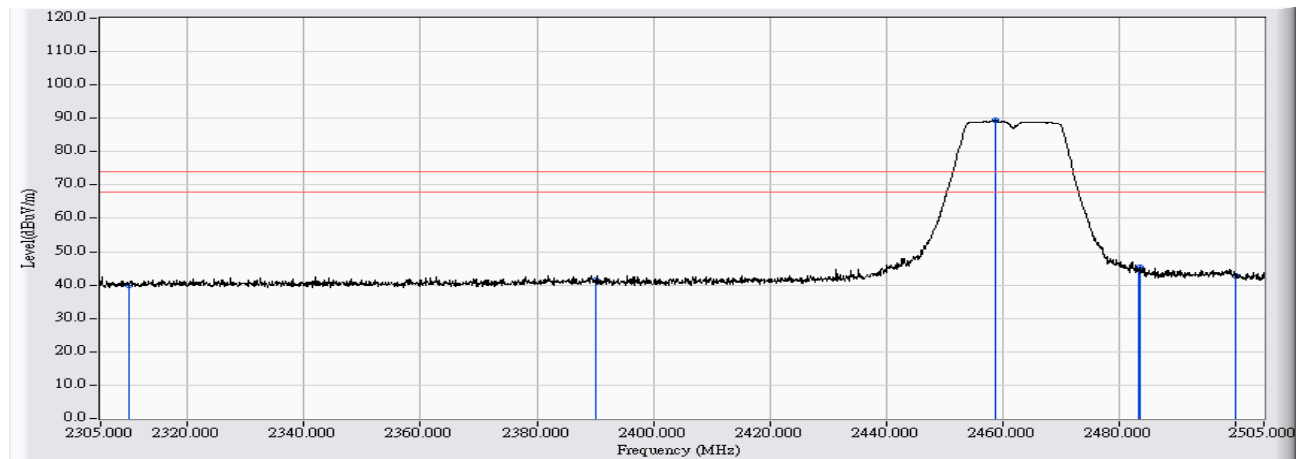


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.308	28.451	-25.549	54.000	AVERAGE
2	2390.000	11.576	18.785	30.361	-23.639	54.000	AVERAGE
3	* 2440.100	11.852	69.615	81.467	27.467	54.000	AVERAGE
4	2483.500	12.091	19.093	31.185	-22.815	54.000	AVERAGE
5	2489.800	12.127	19.237	31.363	-22.637	54.000	AVERAGE
6	2500.000	12.180	18.752	30.933	-23.067	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2462MHz

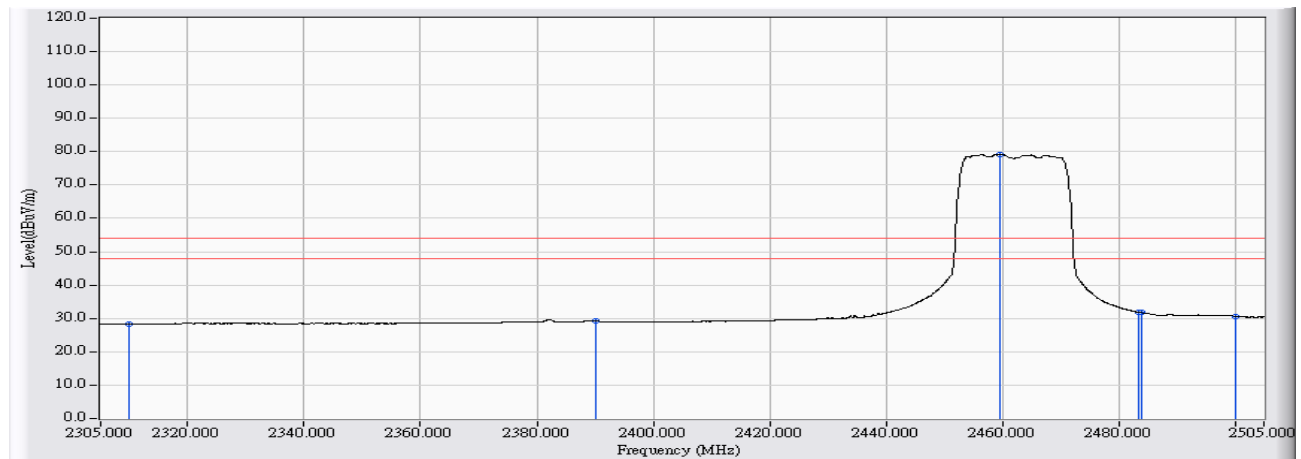


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	28.895	40.038	-33.962	74.000	PEAK
2	2390.000	11.576	29.810	41.386	-32.614	74.000	PEAK
3	* 2458.900	11.956	77.629	89.585	15.585	74.000	PEAK
4	2483.500	12.091	32.489	44.581	-29.419	74.000	PEAK
5	2483.700	12.094	33.412	45.505	-28.495	74.000	PEAK
6	2500.000	12.180	30.544	42.725	-31.275	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2462MHz

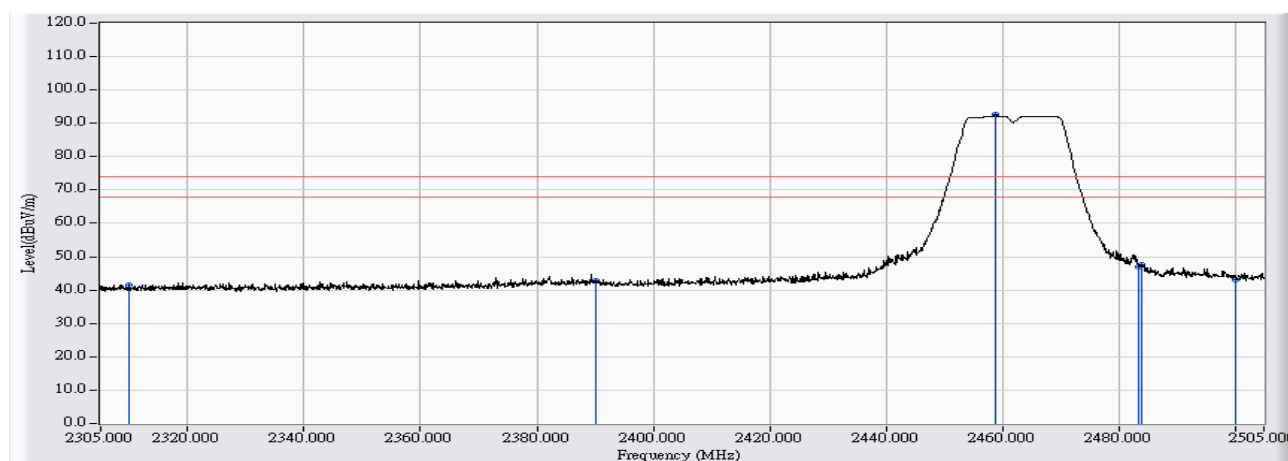


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.117	28.260	-25.740	54.000	AVERAGE
2		2390.000	11.576	17.647	29.223	-24.777	54.000	AVERAGE
3	*	2459.500	11.960	67.104	79.064	25.064	54.000	AVERAGE
4		2483.500	12.091	19.802	31.894	-22.106	54.000	AVERAGE
5		2483.900	12.094	19.660	31.754	-22.246	54.000	AVERAGE
6		2500.000	12.180	18.502	30.683	-23.317	54.000	AVERAGE

Note:

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

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 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	11.142	30.395	41.538	-32.462	74.000	PEAK
2	2390.000	11.576	31.080	42.656	-31.344	74.000	PEAK
3	* 2458.900	11.956	80.600	92.556	18.556	74.000	PEAK
4	2483.500	12.091	35.011	47.103	-26.897	74.000	PEAK
5	2483.900	12.094	35.418	47.512	-26.488	74.000	PEAK
6	2500.000	12.180	30.942	43.123	-30.877	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(20M)_2462MHz

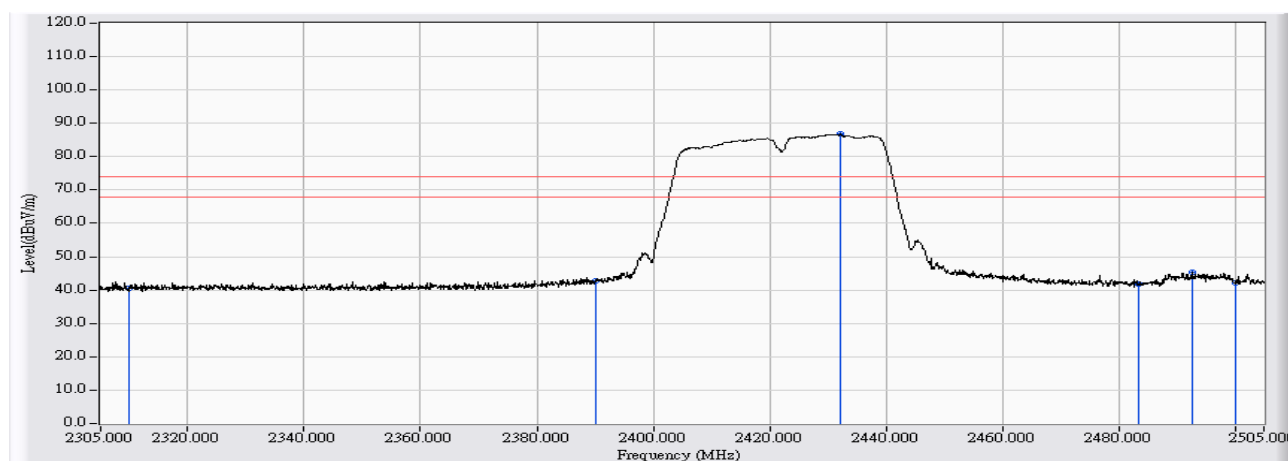


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.231	28.374	-25.626	54.000	AVERAGE
2		2390.000	11.576	18.770	30.346	-23.654	54.000	AVERAGE
3	*	2465.100	11.990	70.316	82.307	28.307	54.000	AVERAGE
4		2483.500	12.091	22.028	34.120	-19.880	54.000	AVERAGE
5		2483.600	12.092	21.987	34.080	-19.920	54.000	AVERAGE
6		2500.000	12.180	19.685	31.866	-22.134	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2422MHz

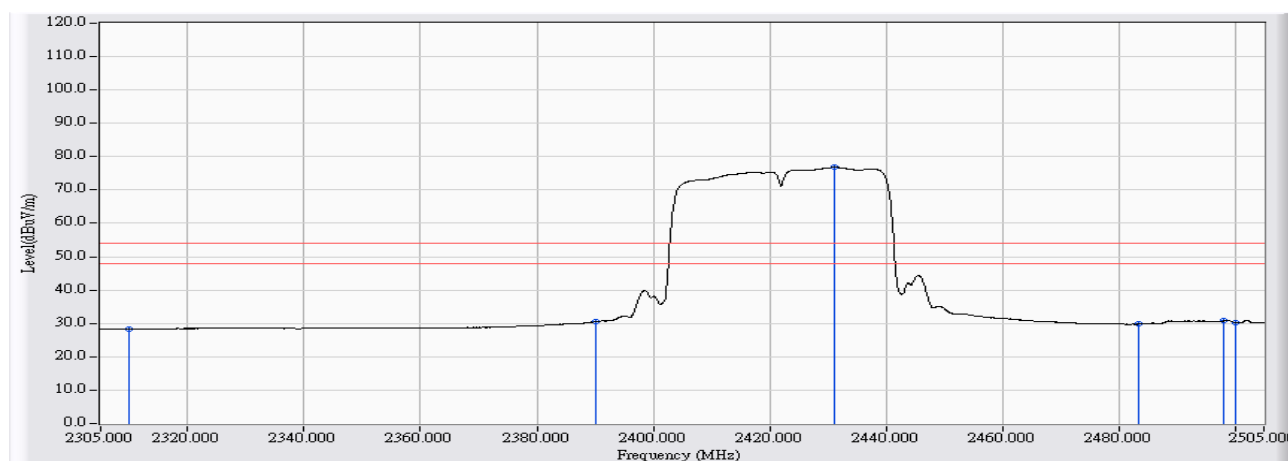


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.236	40.379	-33.621	74.000	PEAK
2	2390.000	11.576	31.260	42.836	-31.164	74.000	PEAK
3	* 2432.200	11.808	74.897	86.706	12.706	74.000	PEAK
4	2483.500	12.091	29.676	41.768	-32.232	74.000	PEAK
5	2492.600	12.141	33.289	45.430	-28.570	74.000	PEAK
6	2500.000	12.180	29.996	42.177	-31.823	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2422MHz

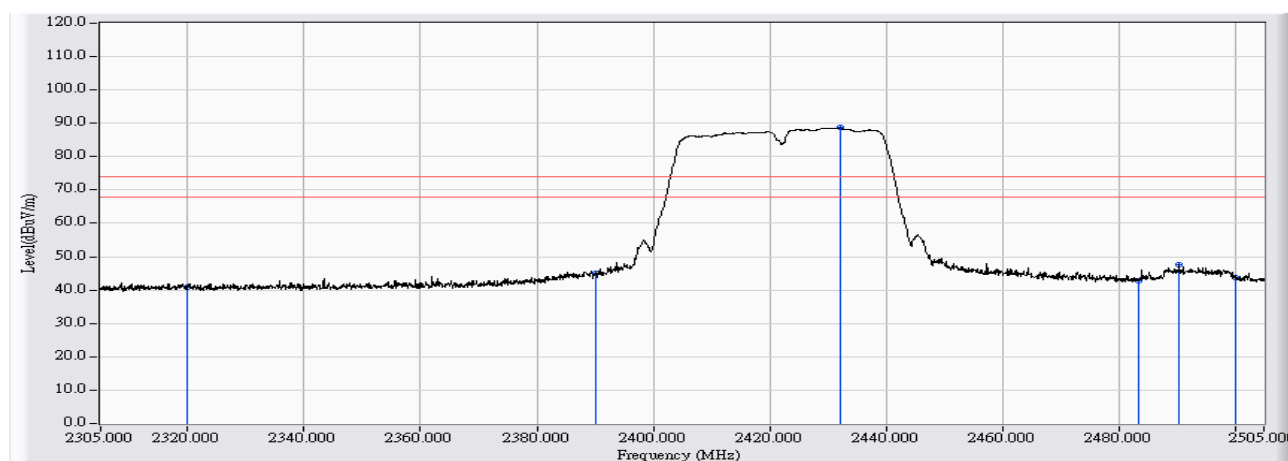


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	11.142	17.181	28.324	-25.676	54.000	AVERAGE
2		2390.000	11.576	18.945	30.521	-23.479	54.000	AVERAGE
3	*	2431.200	11.803	65.034	76.837	22.837	54.000	AVERAGE
4		2483.500	12.091	17.669	29.761	-24.239	54.000	AVERAGE
5		2498.100	12.171	18.594	30.765	-23.235	54.000	AVERAGE
6		2500.000	12.180	18.110	30.291	-23.709	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2422MHz

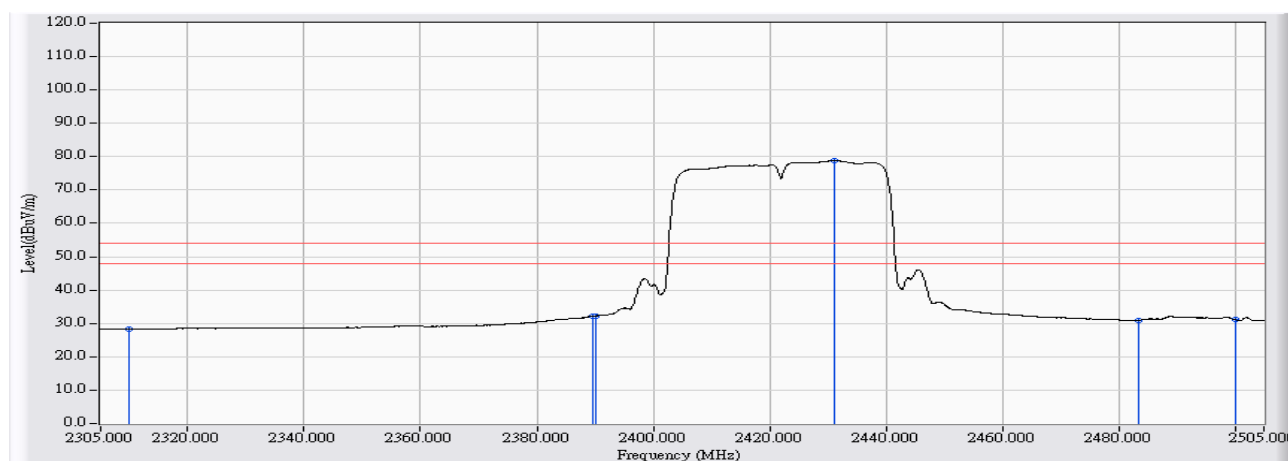


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2320.000	11.197	29.503	40.700	-33.300	74.000	PEAK
2	2390.000	11.576	33.610	45.186	-28.814	74.000	PEAK
3	* 2432.200	11.808	76.913	88.722	14.722	74.000	PEAK
4	2483.500	12.091	30.611	42.703	-31.297	74.000	PEAK
5	2490.500	12.130	35.379	47.509	-26.491	74.000	PEAK
6	2500.000	12.180	31.497	43.678	-30.322	74.000	PEAK

Note:

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

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2422MHz

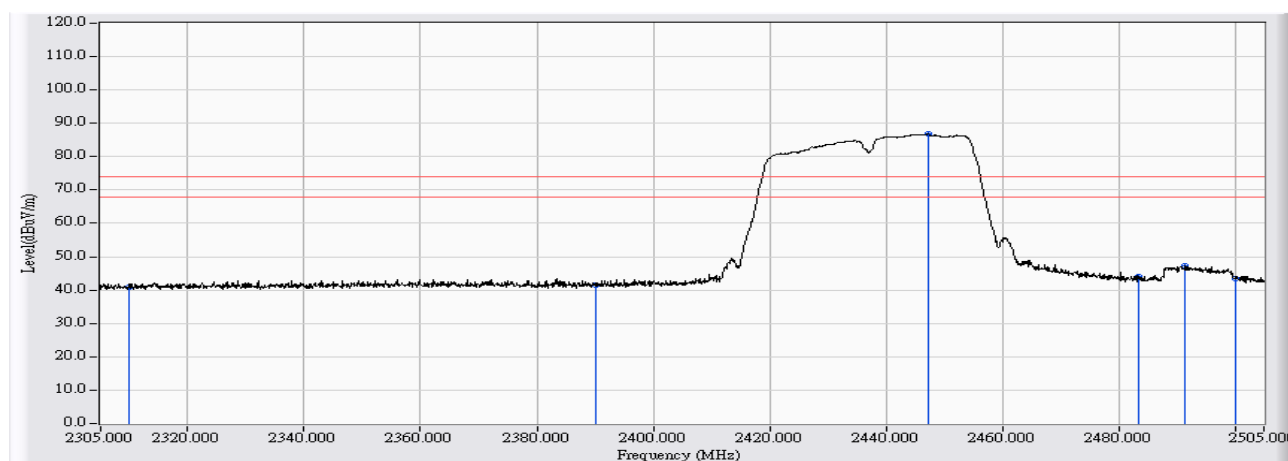


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.261	28.404	-25.596	54.000	AVERAGE
2	2389.500	11.574	20.492	32.065	-21.935	54.000	AVERAGE
3	2390.000	11.576	20.620	32.196	-21.804	54.000	AVERAGE
4	* 2431.200	11.803	67.017	78.820	24.820	54.000	AVERAGE
5	2483.500	12.091	18.832	30.924	-23.076	54.000	AVERAGE
6	2500.000	12.180	18.951	31.132	-22.868	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz

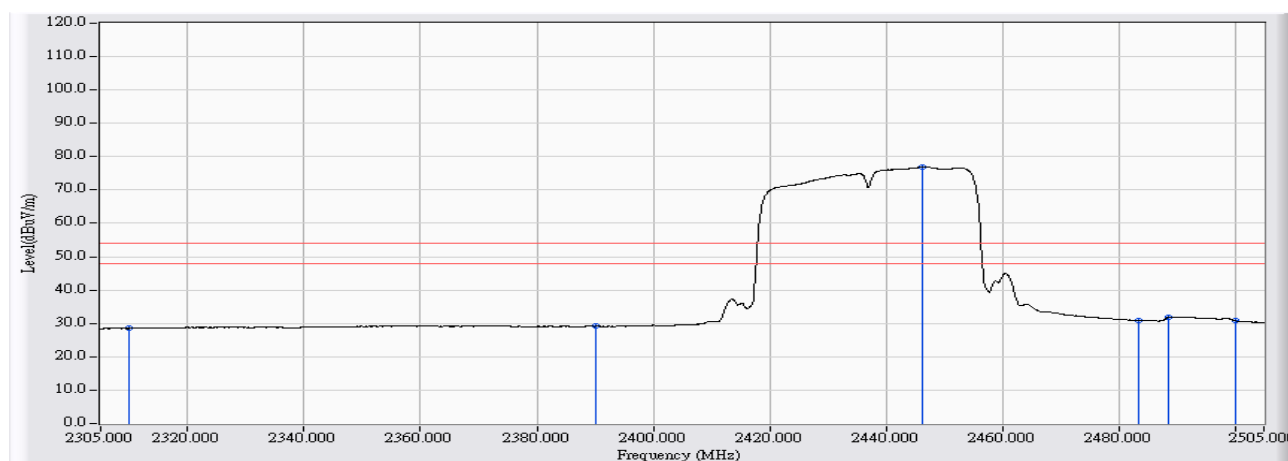


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.579	40.722	-33.278	74.000	PEAK
2	2390.000	11.576	29.916	41.492	-32.508	74.000	PEAK
3	* 2447.200	11.891	74.925	86.817	12.817	74.000	PEAK
4	2483.500	12.091	31.988	44.080	-29.920	74.000	PEAK
5	2491.500	12.136	35.240	47.375	-26.625	74.000	PEAK
6	2500.000	12.180	31.308	43.489	-30.511	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz

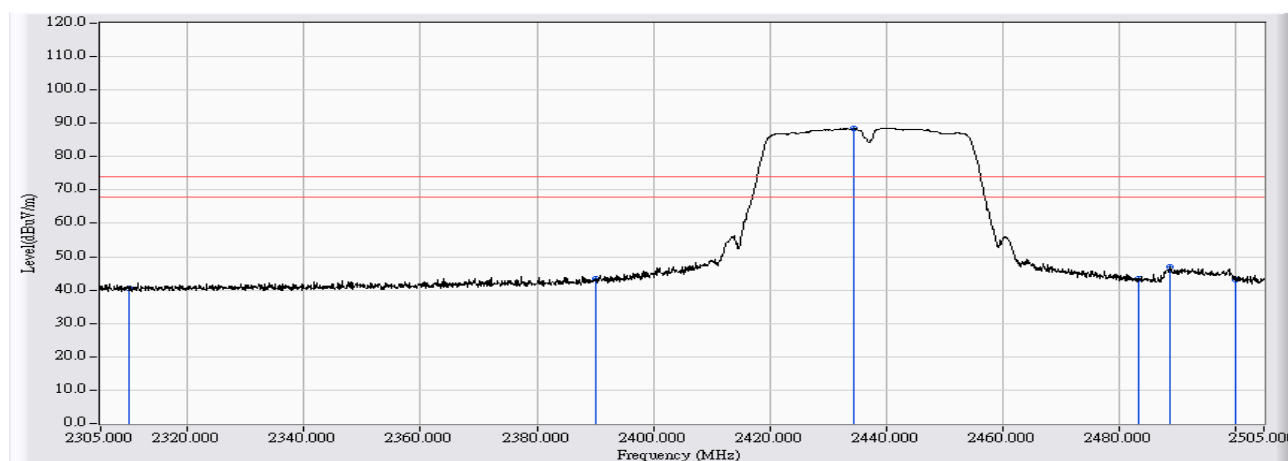


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.345	28.488	-25.512	54.000	AVERAGE
2	2390.000	11.576	17.565	29.141	-24.859	54.000	AVERAGE
3	* 2446.200	11.886	64.978	76.864	22.864	54.000	AVERAGE
4	2483.500	12.091	18.730	30.822	-23.178	54.000	AVERAGE
5	2488.500	12.118	19.650	31.769	-22.231	54.000	AVERAGE
6	2500.000	12.180	18.604	30.785	-23.215	54.000	AVERAGE

Note:

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

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz

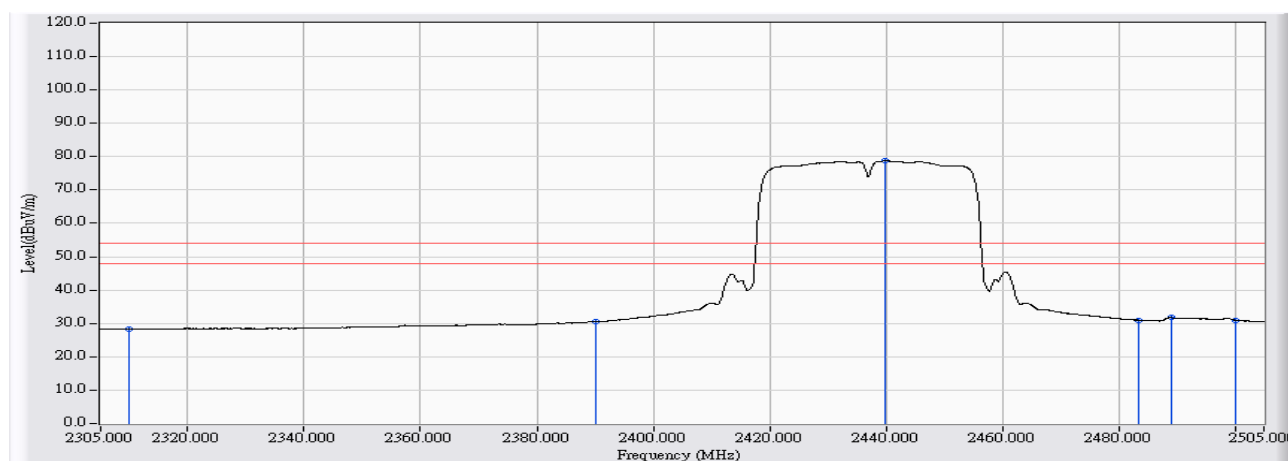


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.362	40.505	-33.495	74.000	PEAK
2	2390.000	11.576	32.009	43.585	-30.415	74.000	PEAK
3	* 2434.600	11.822	76.766	88.588	14.588	74.000	PEAK
4	2483.500	12.091	31.478	43.570	-30.430	74.000	PEAK
5	2488.800	12.121	34.762	46.883	-27.117	74.000	PEAK
6	2500.000	12.180	30.967	43.148	-30.852	74.000	PEAK

Note:

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

Site : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2437MHz

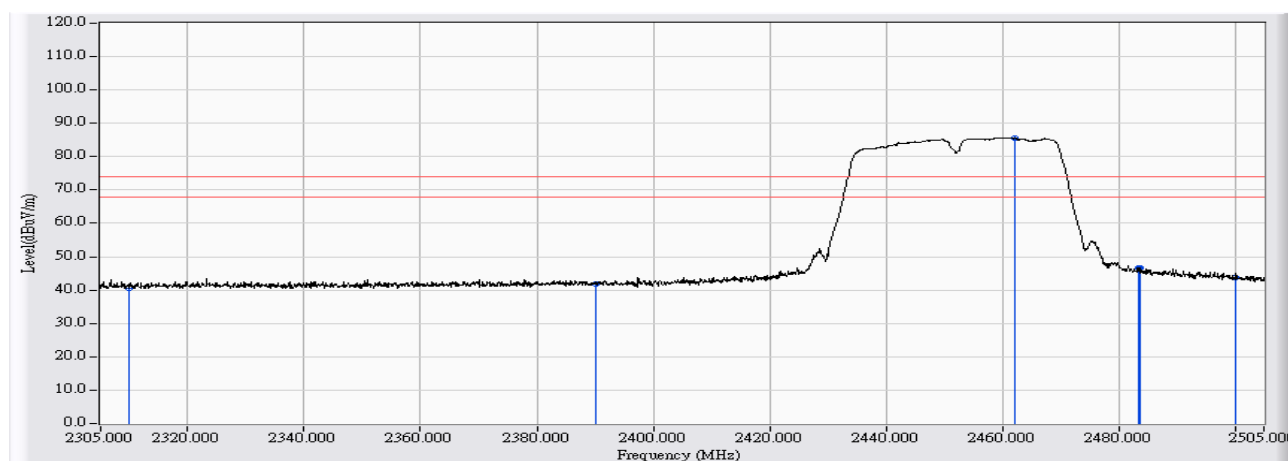


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.150	28.293	-25.707	54.000	AVERAGE
2	2390.000	11.576	18.999	30.575	-23.425	54.000	AVERAGE
3	* 2439.900	11.852	66.865	78.716	24.716	54.000	AVERAGE
4	2483.500	12.091	18.941	31.033	-22.967	54.000	AVERAGE
5	2489.000	12.122	19.641	31.763	-22.237	54.000	AVERAGE
6	2500.000	12.180	18.862	31.043	-22.957	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2452MHz

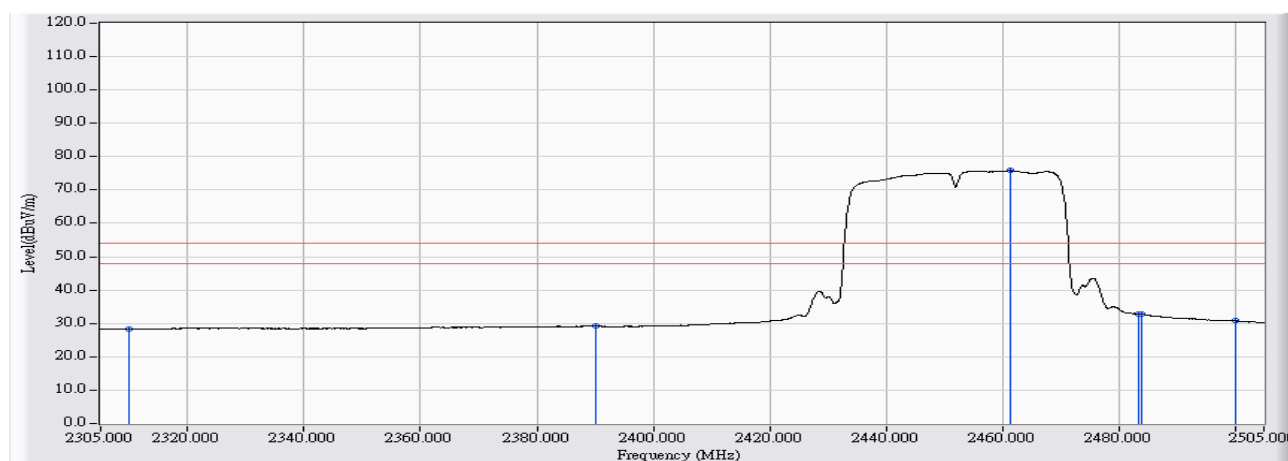


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.388	40.531	-33.469	74.000	PEAK
2	2390.000	11.576	30.098	41.674	-32.326	74.000	PEAK
3	* 2462.200	11.974	73.712	85.687	11.687	74.000	PEAK
4	2483.500	12.091	34.467	46.559	-27.441	74.000	PEAK
5	2483.600	12.092	34.522	46.615	-27.385	74.000	PEAK
6	2500.000	12.180	31.473	43.654	-30.346	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2452MHz

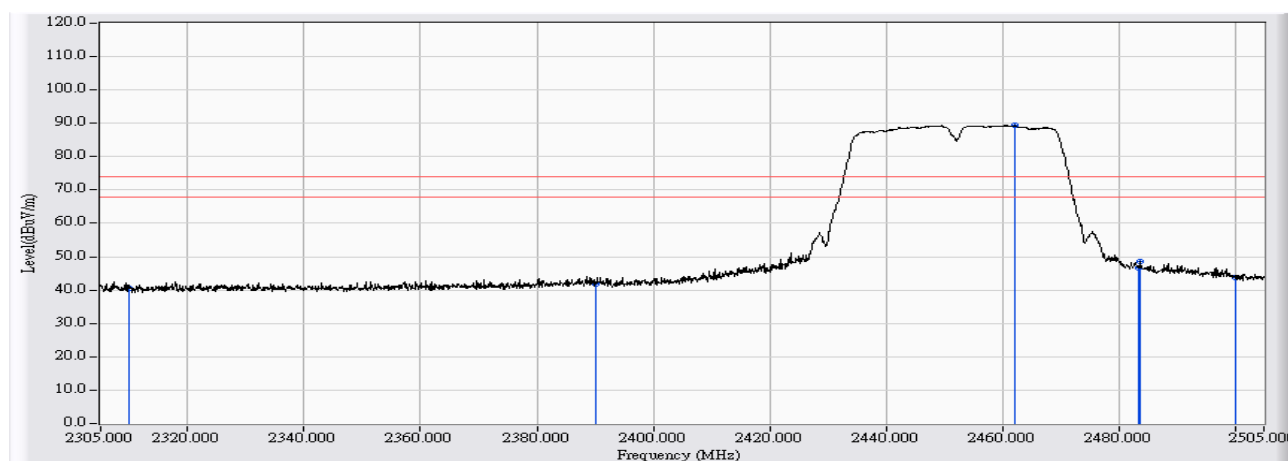


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.177	28.320	-25.680	54.000	AVERAGE
2	2390.000	11.576	17.570	29.146	-24.854	54.000	AVERAGE
3	* 2461.300	11.970	63.805	75.775	21.775	54.000	AVERAGE
4	2483.500	12.091	20.689	32.781	-21.219	54.000	AVERAGE
5	2483.900	12.094	20.671	32.765	-21.235	54.000	AVERAGE
6	2500.000	12.180	18.599	30.780	-23.220	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2452MHz

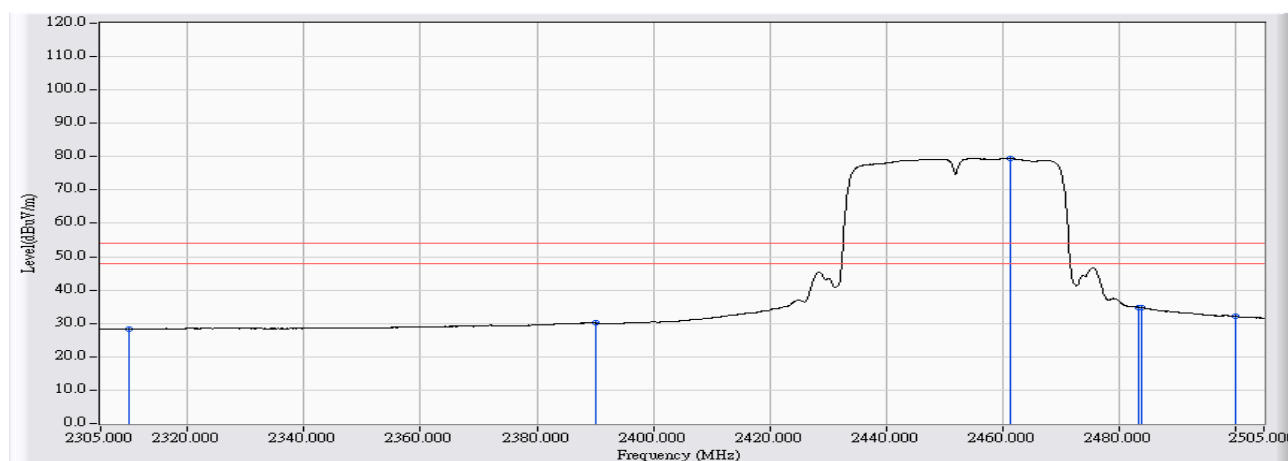


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	29.277	40.420	-33.580	74.000	PEAK
2	2390.000	11.576	30.349	41.925	-32.075	74.000	PEAK
3	* 2462.200	11.974	77.434	89.409	15.409	74.000	PEAK
4	2483.500	12.091	34.652	46.744	-27.256	74.000	PEAK
5	2483.800	12.094	36.340	48.434	-25.566	74.000	PEAK
6	2500.000	12.180	31.463	43.644	-30.356	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 : CB2-H	Time : 2017/06/21
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB2-H_FCC_EFS_B091_1-18GHz_3M_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : Digital Camera	Note : 802.11n(40M)_2452MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.142	17.148	28.291	-25.709	54.000	AVERAGE
2	2390.000	11.576	18.537	30.113	-23.887	54.000	AVERAGE
3	* 2461.300	11.970	67.542	79.512	25.512	54.000	AVERAGE
4	2483.500	12.091	22.755	34.847	-19.153	54.000	AVERAGE
5	2484.000	12.095	22.640	34.735	-19.265	54.000	AVERAGE
6	2500.000	12.180	20.038	32.219	-21.781	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

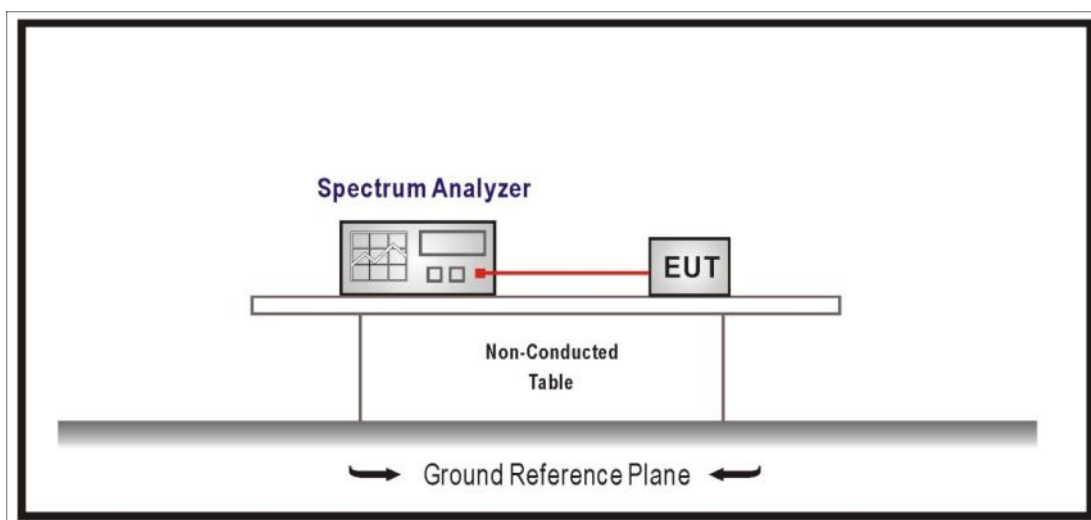
The following test equipment are used during the test:

DTS Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/12
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

Note: All equipment 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 KDB 558074 D01 V04 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

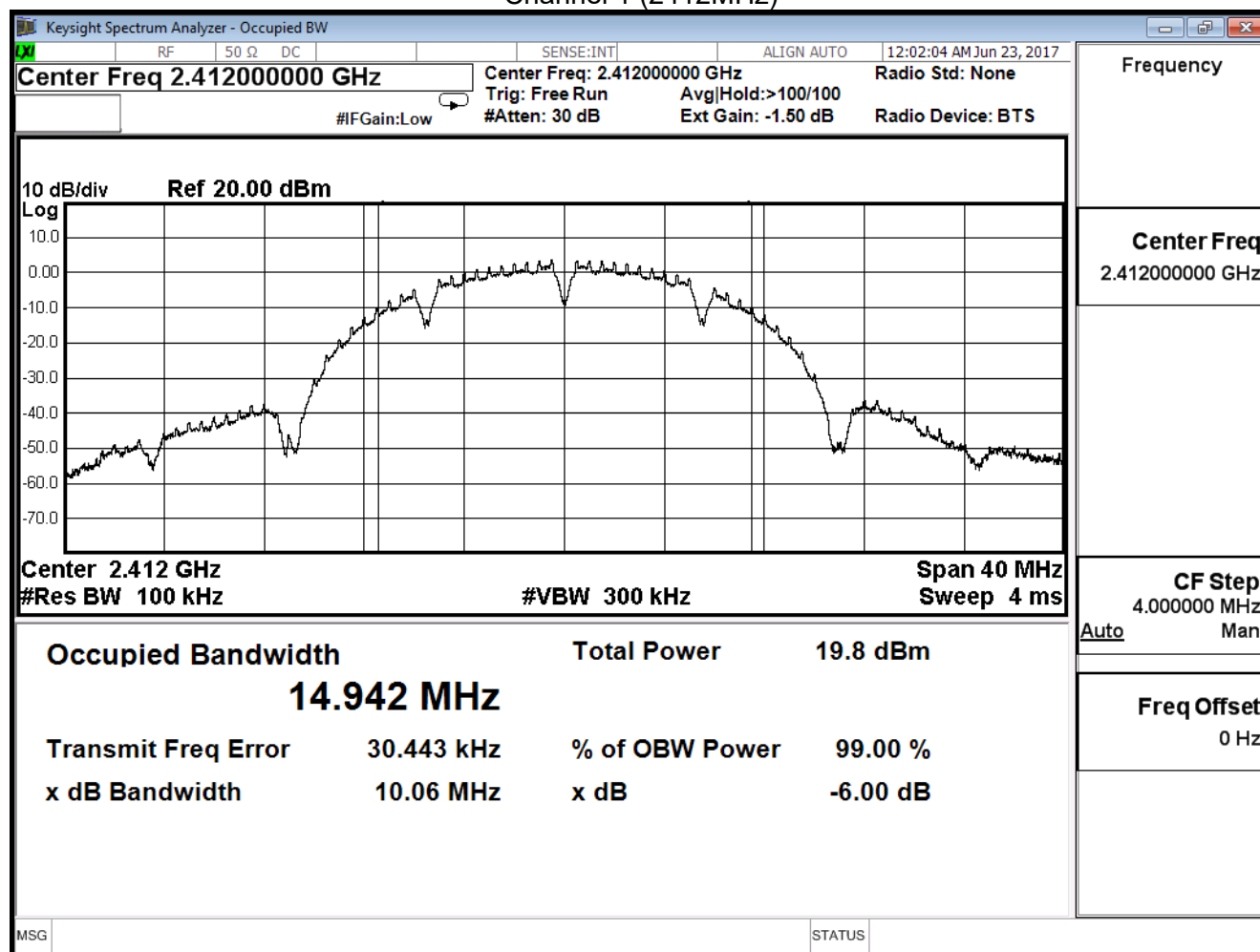
The measurement uncertainty is defined as $\pm 150\text{Hz}$

7.7. Test Result

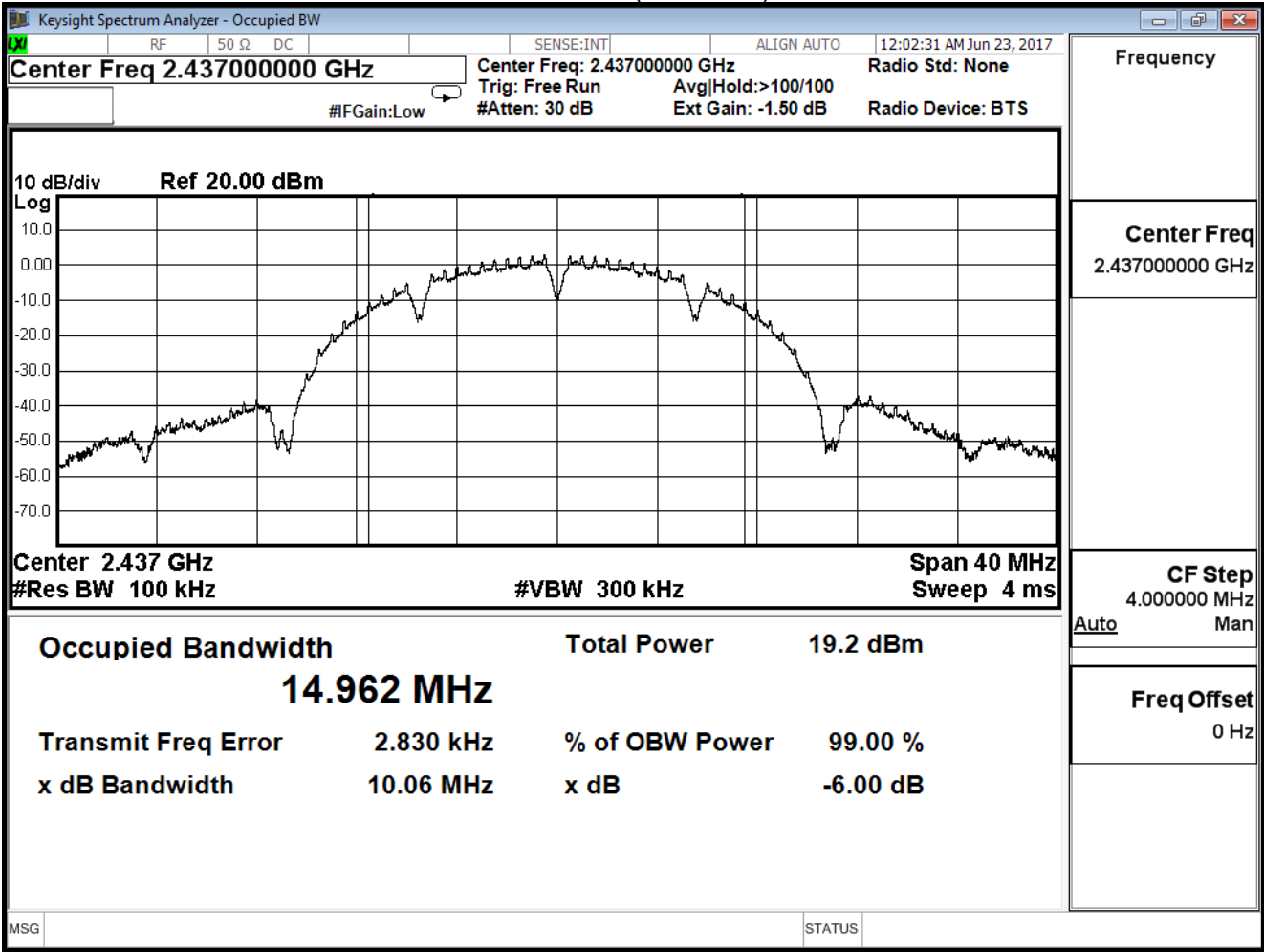
Product	Digital Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

IEEE 802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	10.060	≥ 0.5
6	2437	10.060	≥ 0.5
11	2462	10.050	≥ 0.5

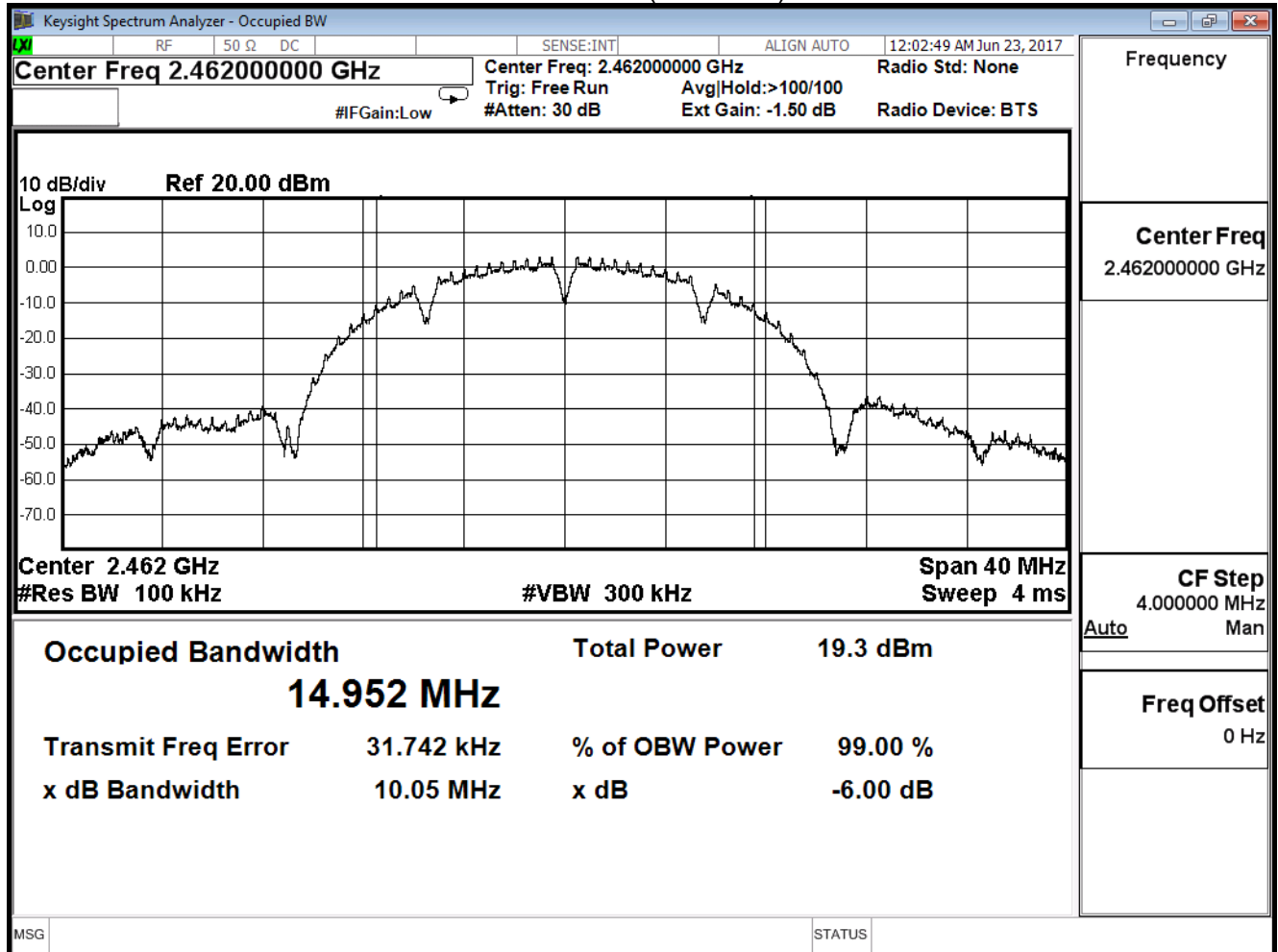
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

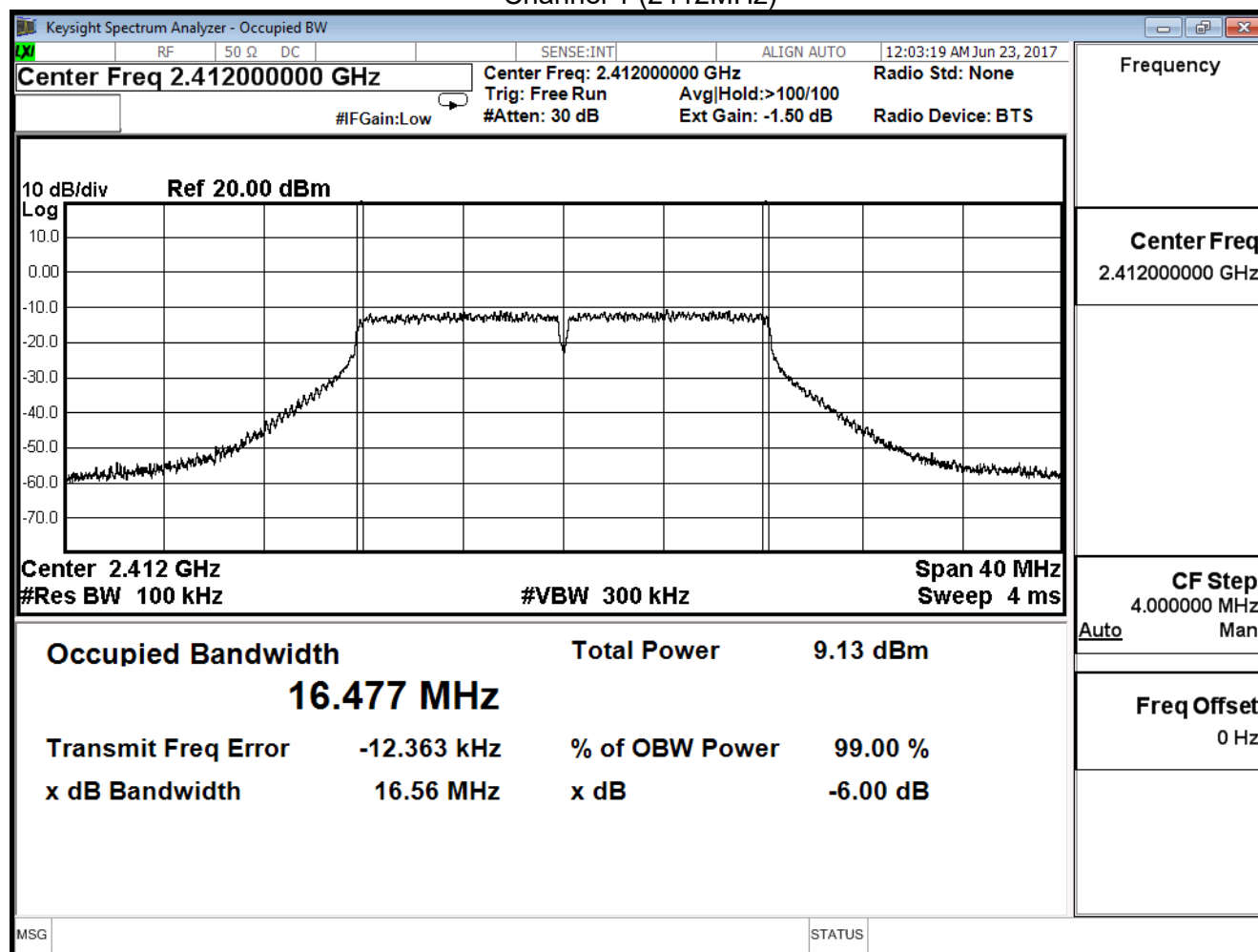


Product	Digital Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

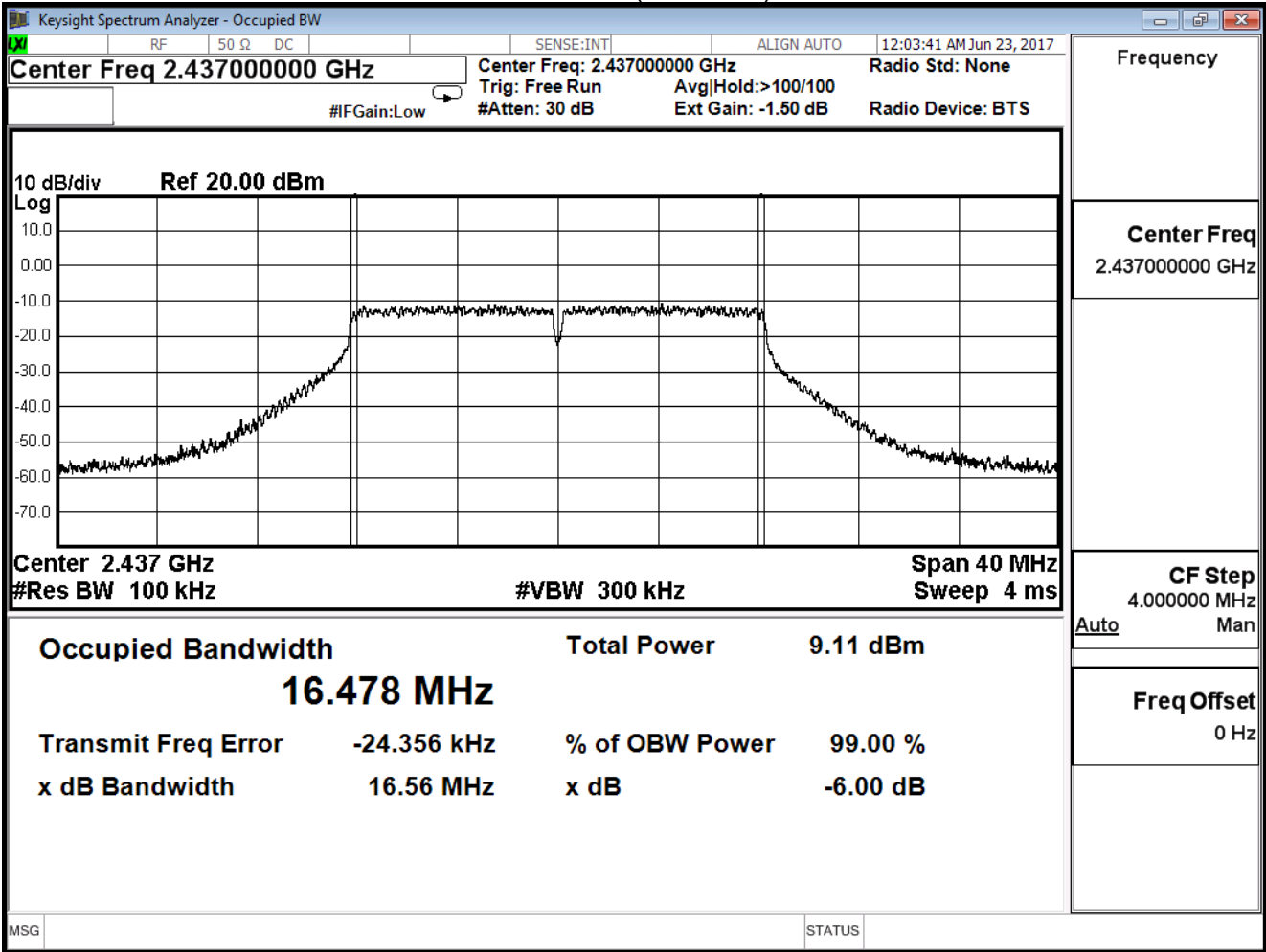
IEEE 802.11g (ANT 0)

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

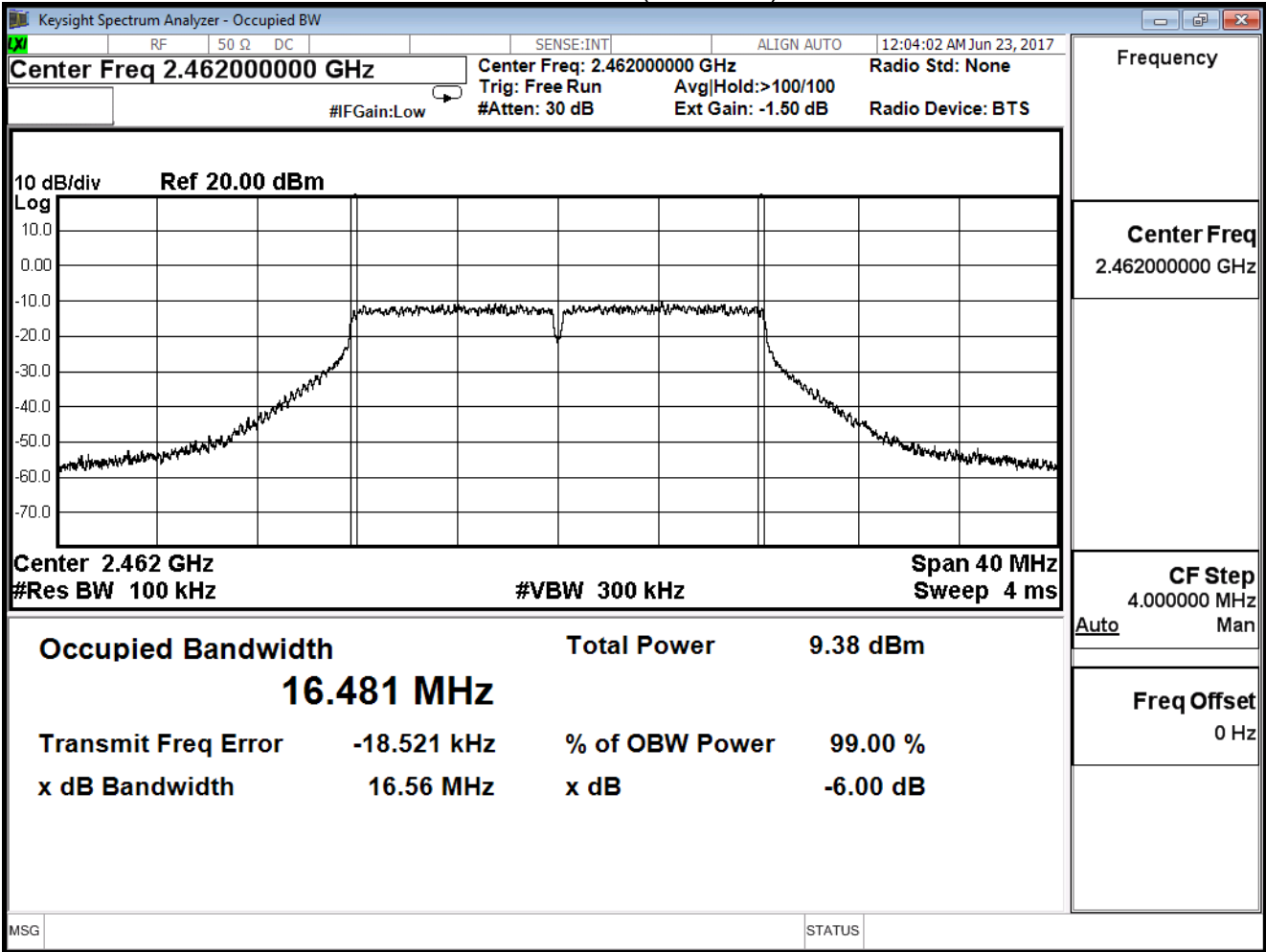
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

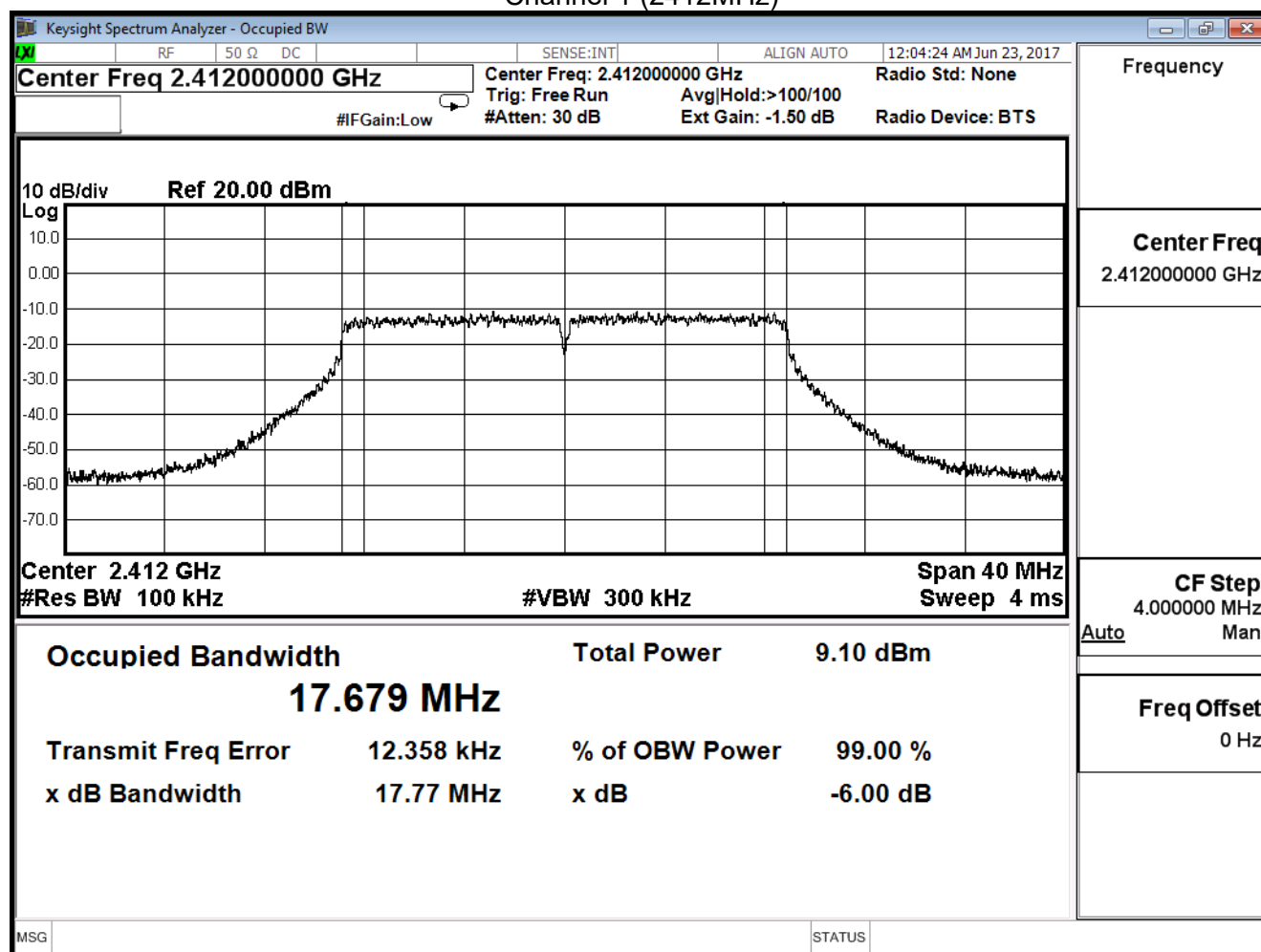


Product	Digital Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

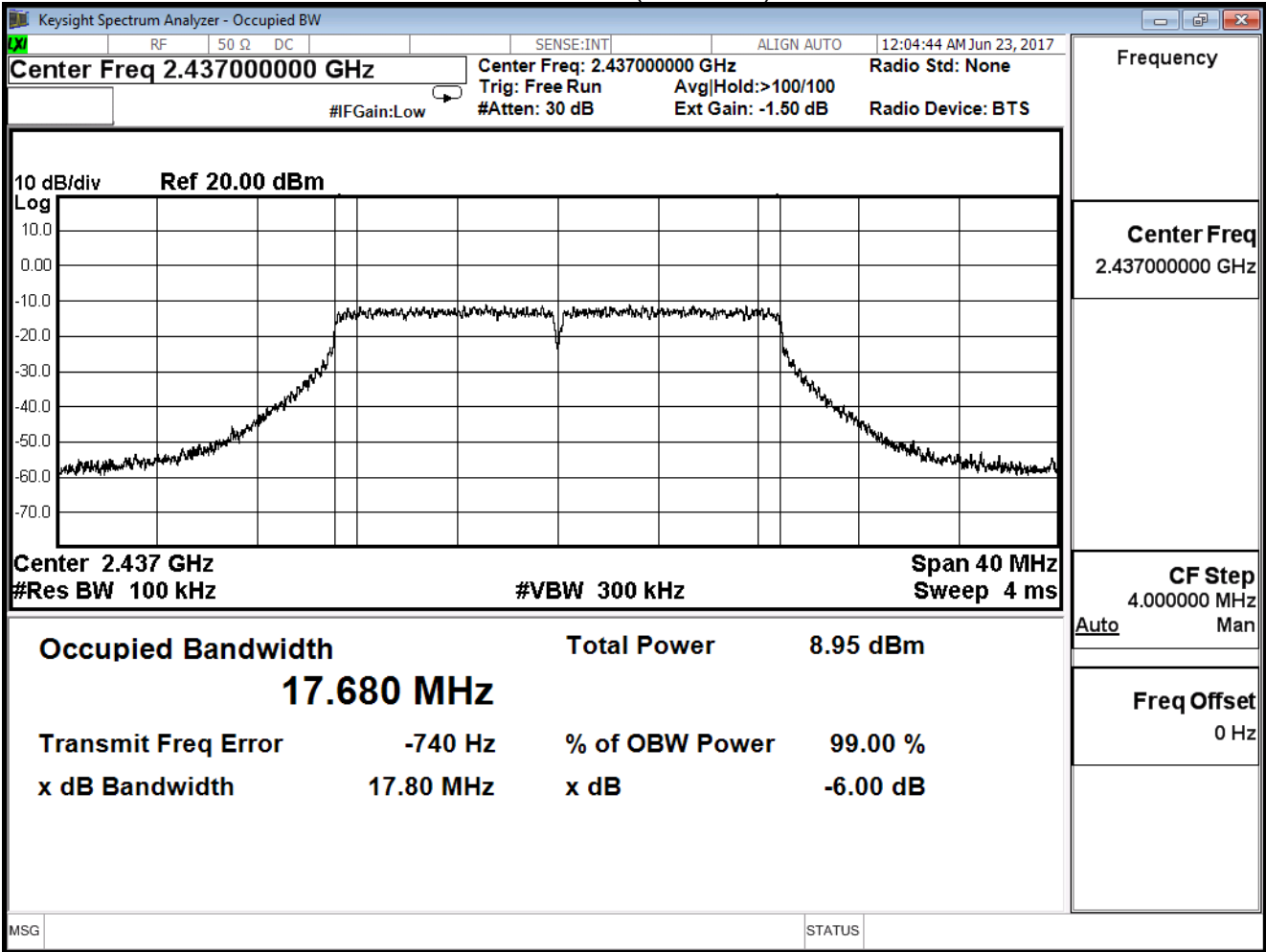
IEEE 802.11n(20MHz) (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	17.770	≥ 0.5
6	2437	17.800	≥ 0.5
11	2462	17.780	≥ 0.5

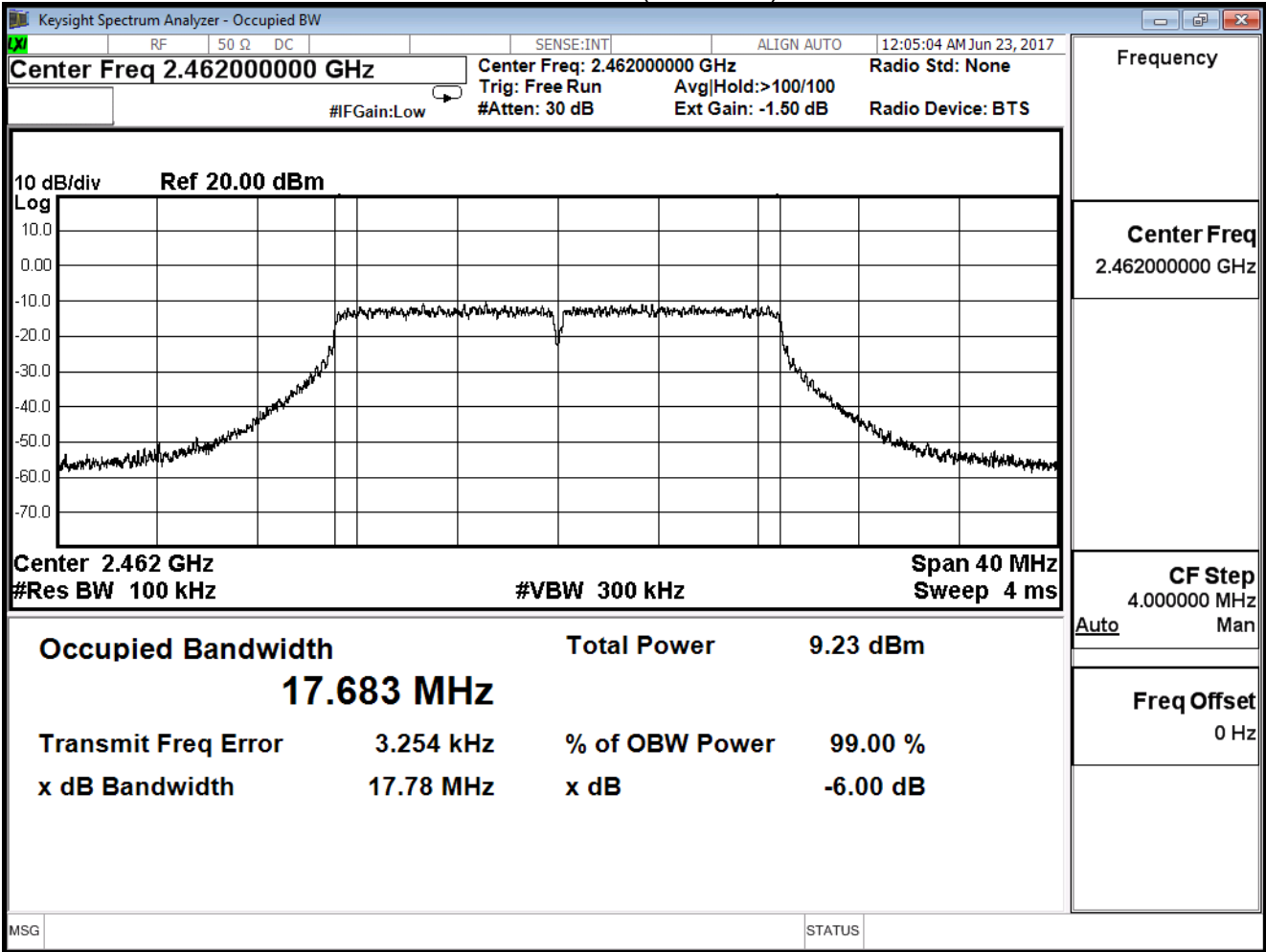
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

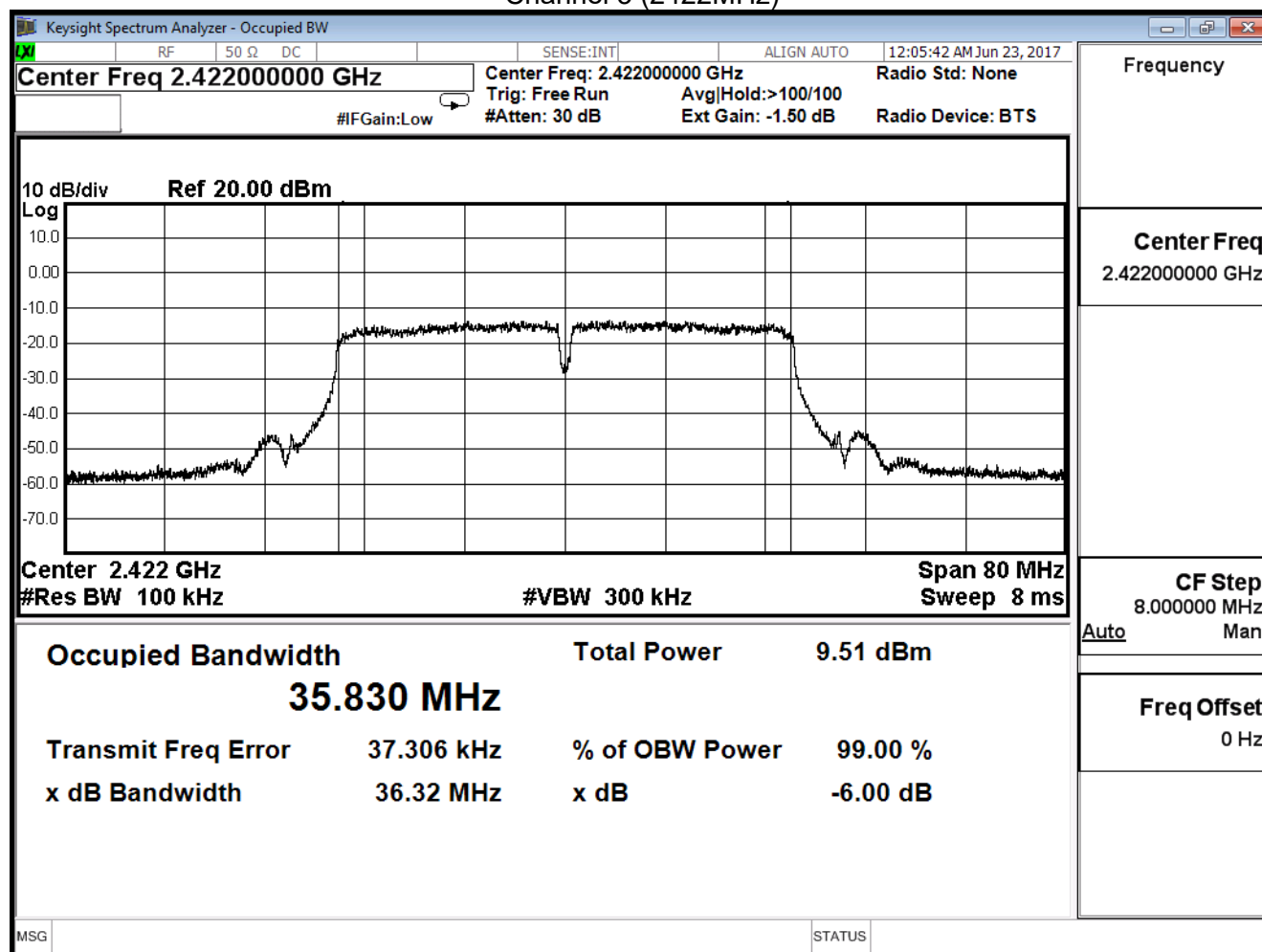


Product	Digital Camera		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

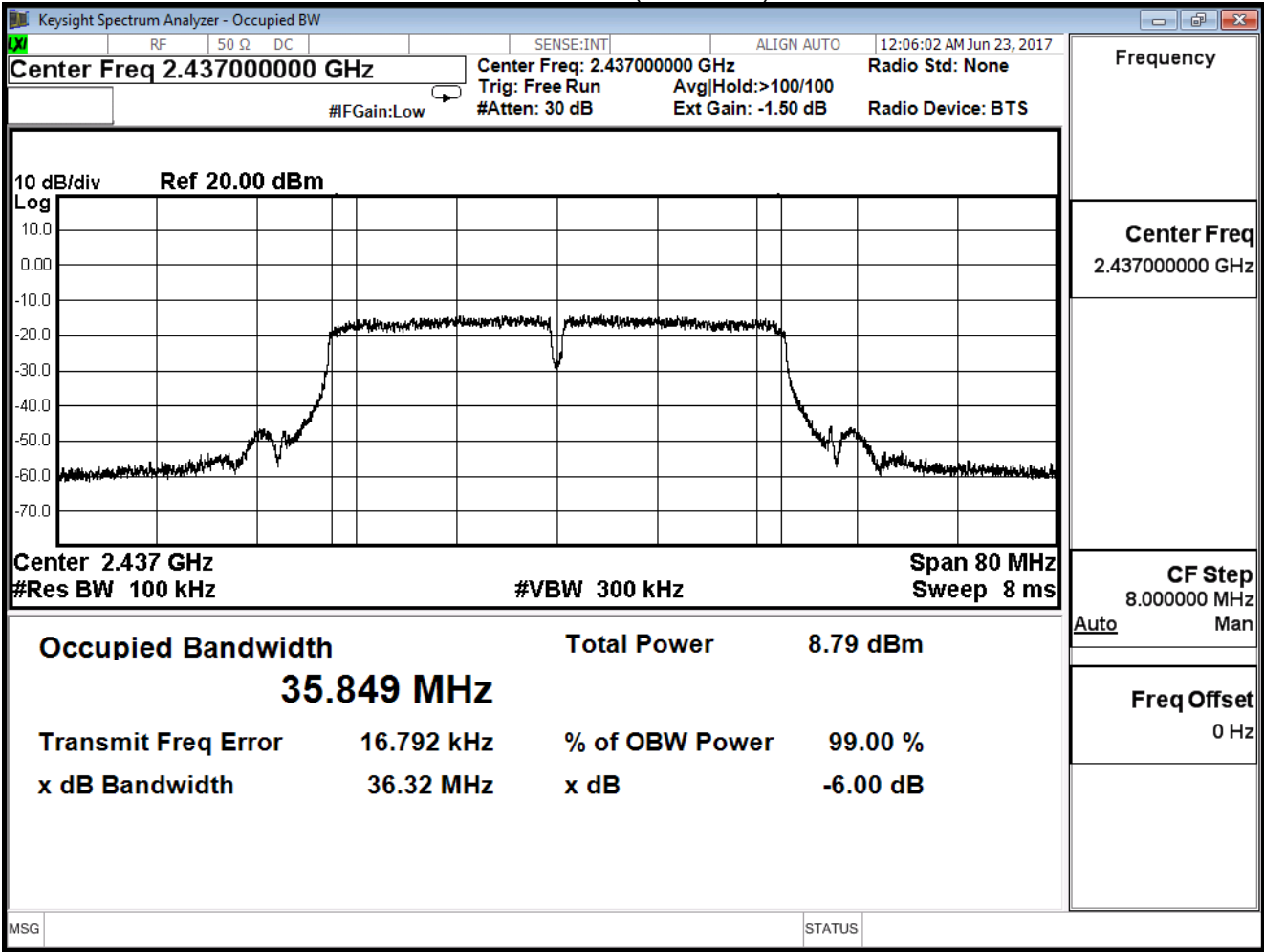
IEEE 802.11n(40MHz) (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	36.320	≥ 0.5
6	2437	36.320	≥ 0.5
9	2452	36.340	≥ 0.5

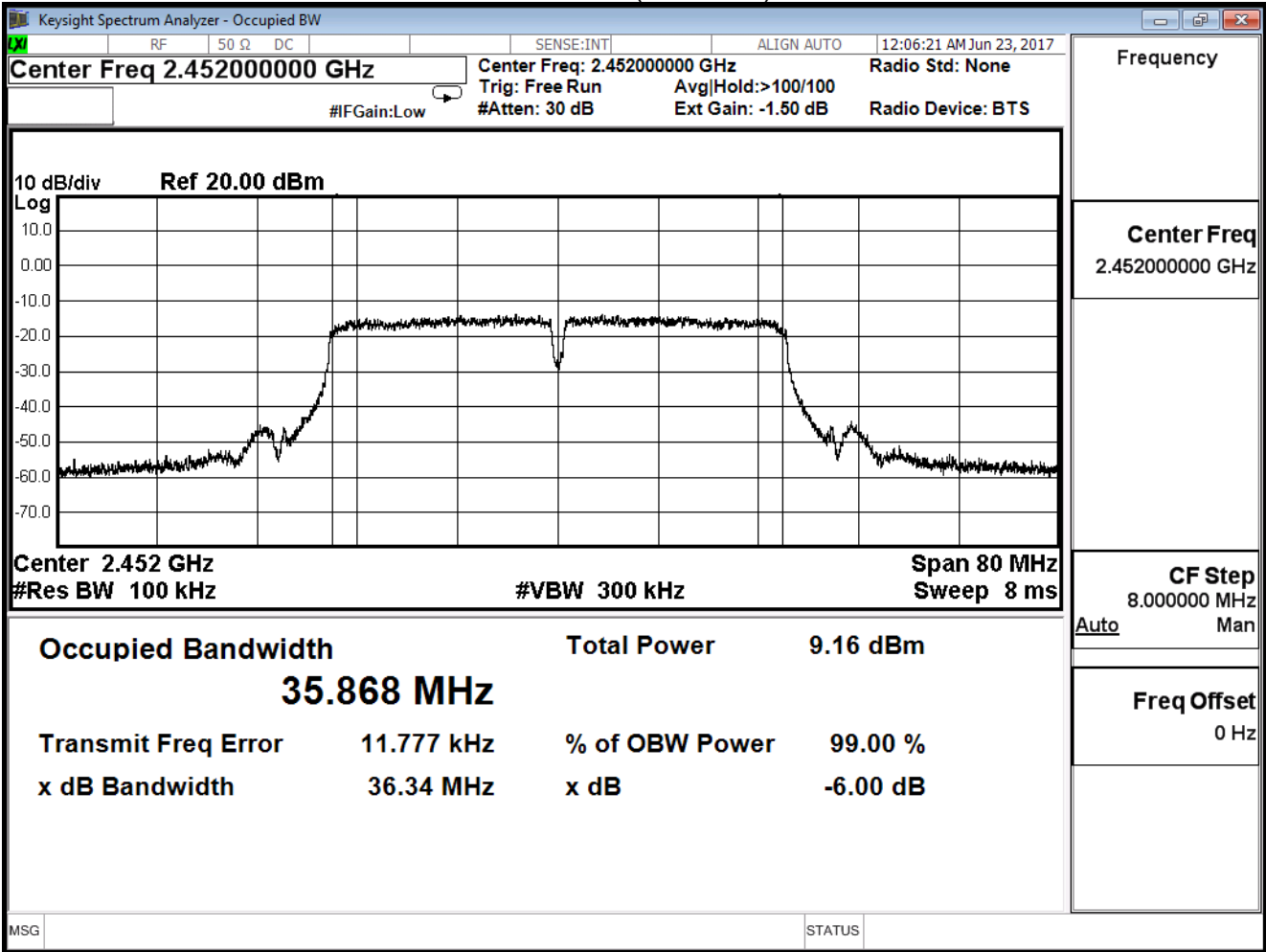
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



8. Occupied Bandwidth

8.1. Test Equipment

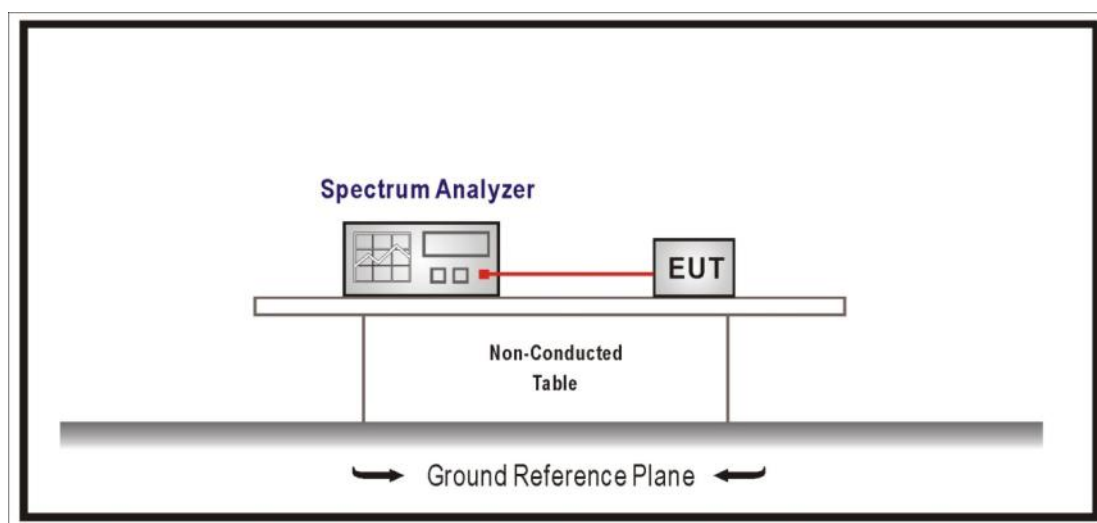
The following test equipment are used during the test:

Occupied Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/12
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

Note: All equipment 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 KDB 558074 D01 V04 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

N/A

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

8.6. Uncertainty

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

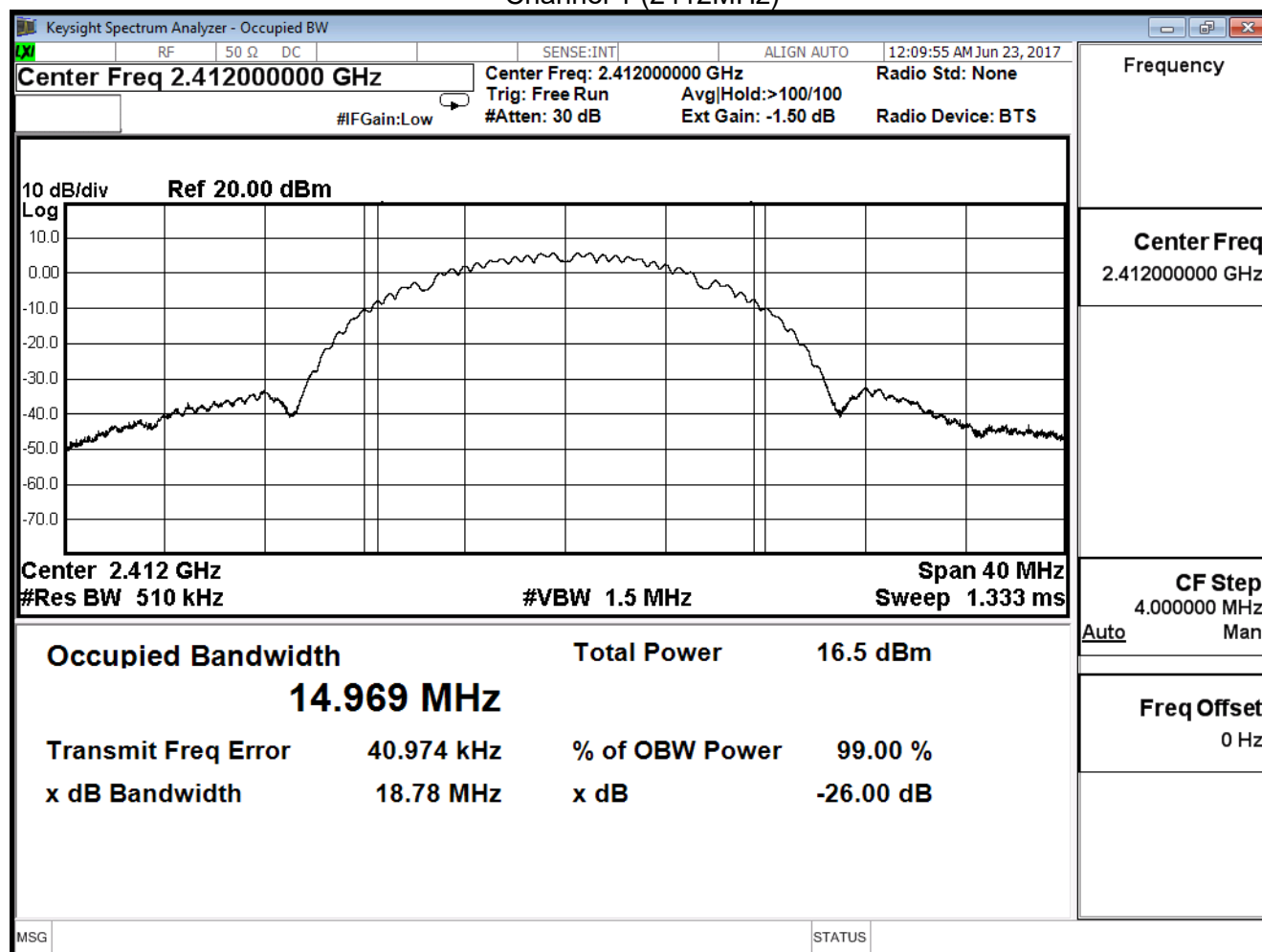
8.7. Test Result

Product	Digital Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

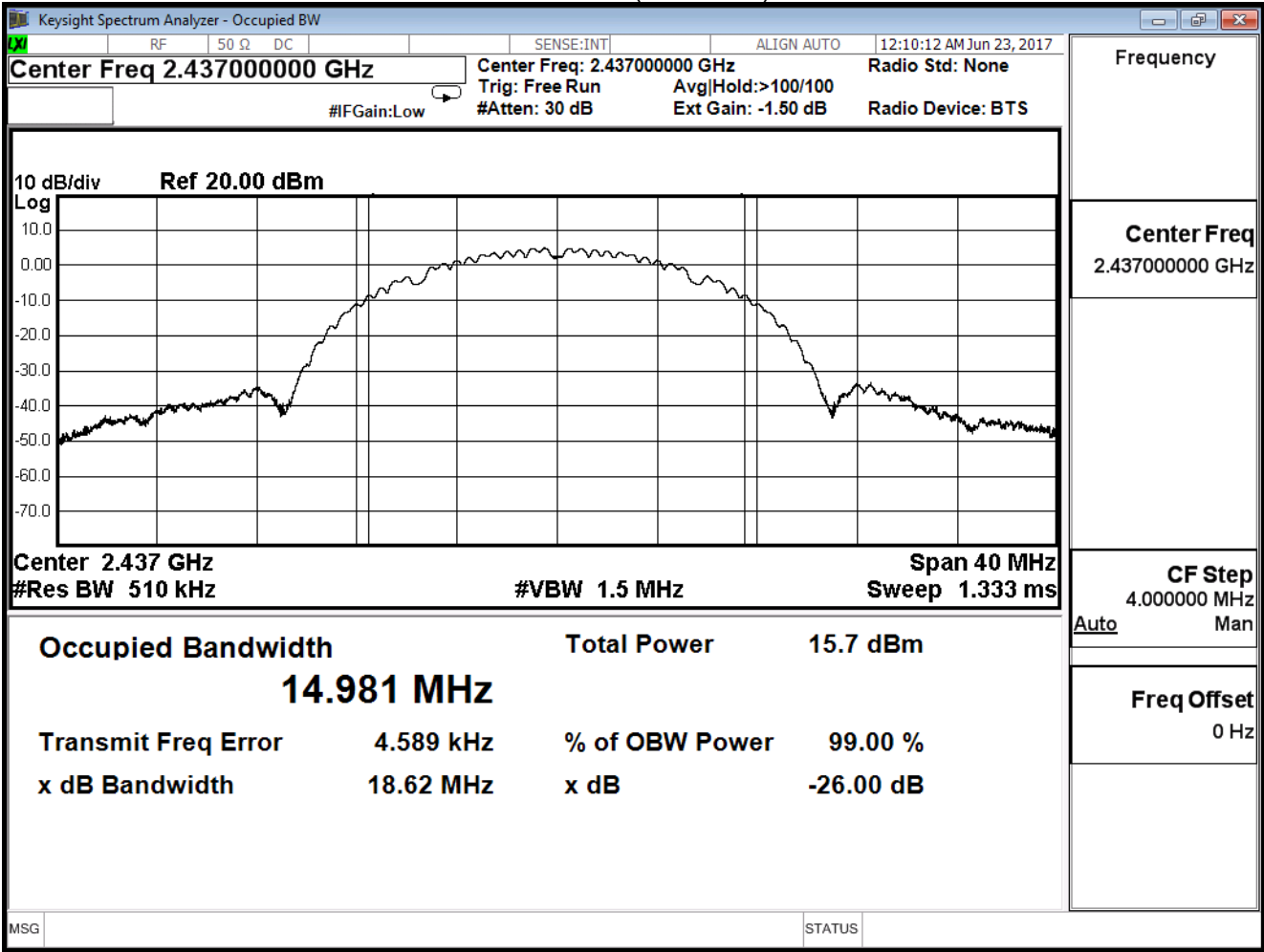
IEEE 802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	14.969	--
6	2437	14.981	--
11	2462	14.978	--

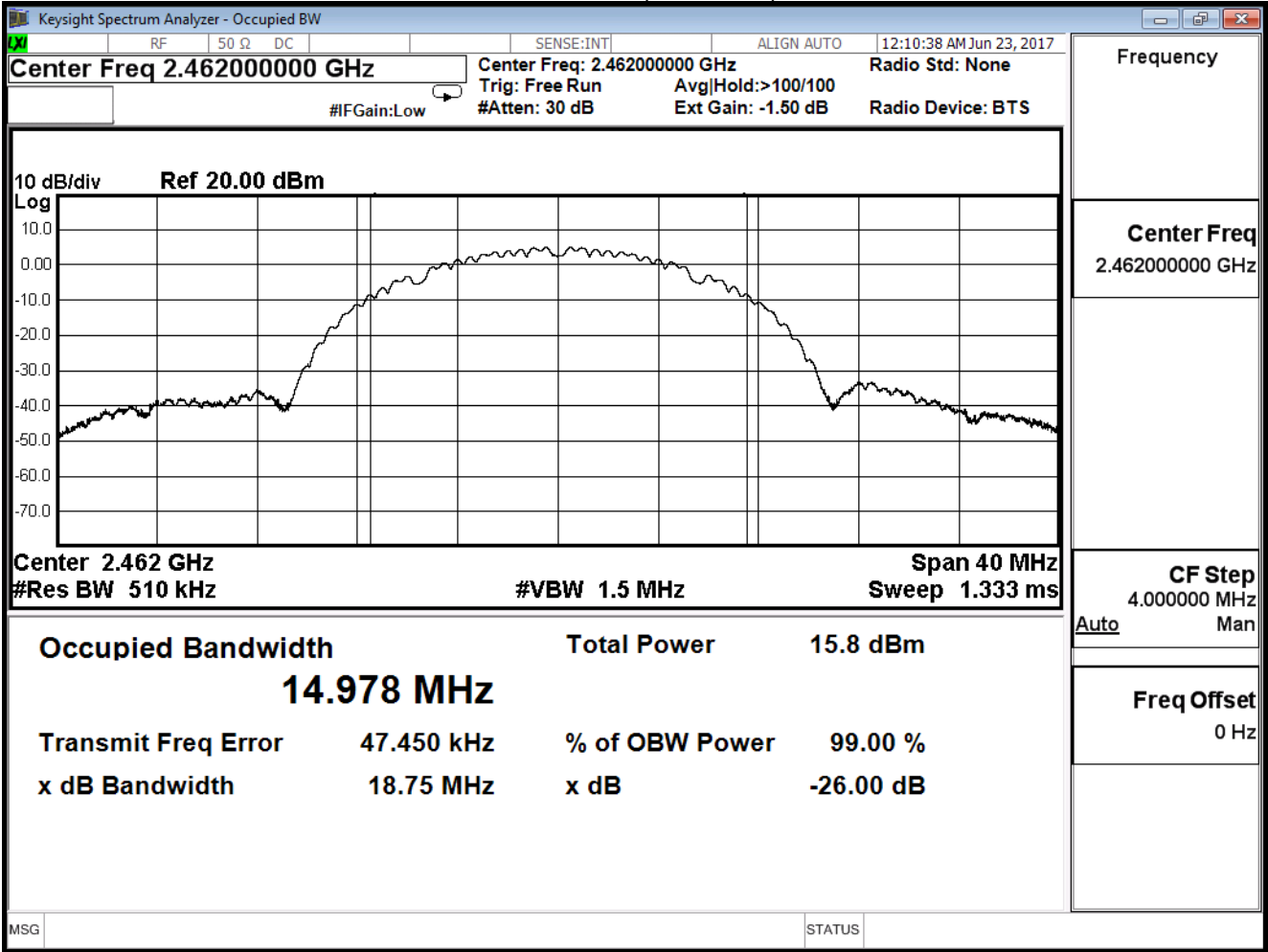
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

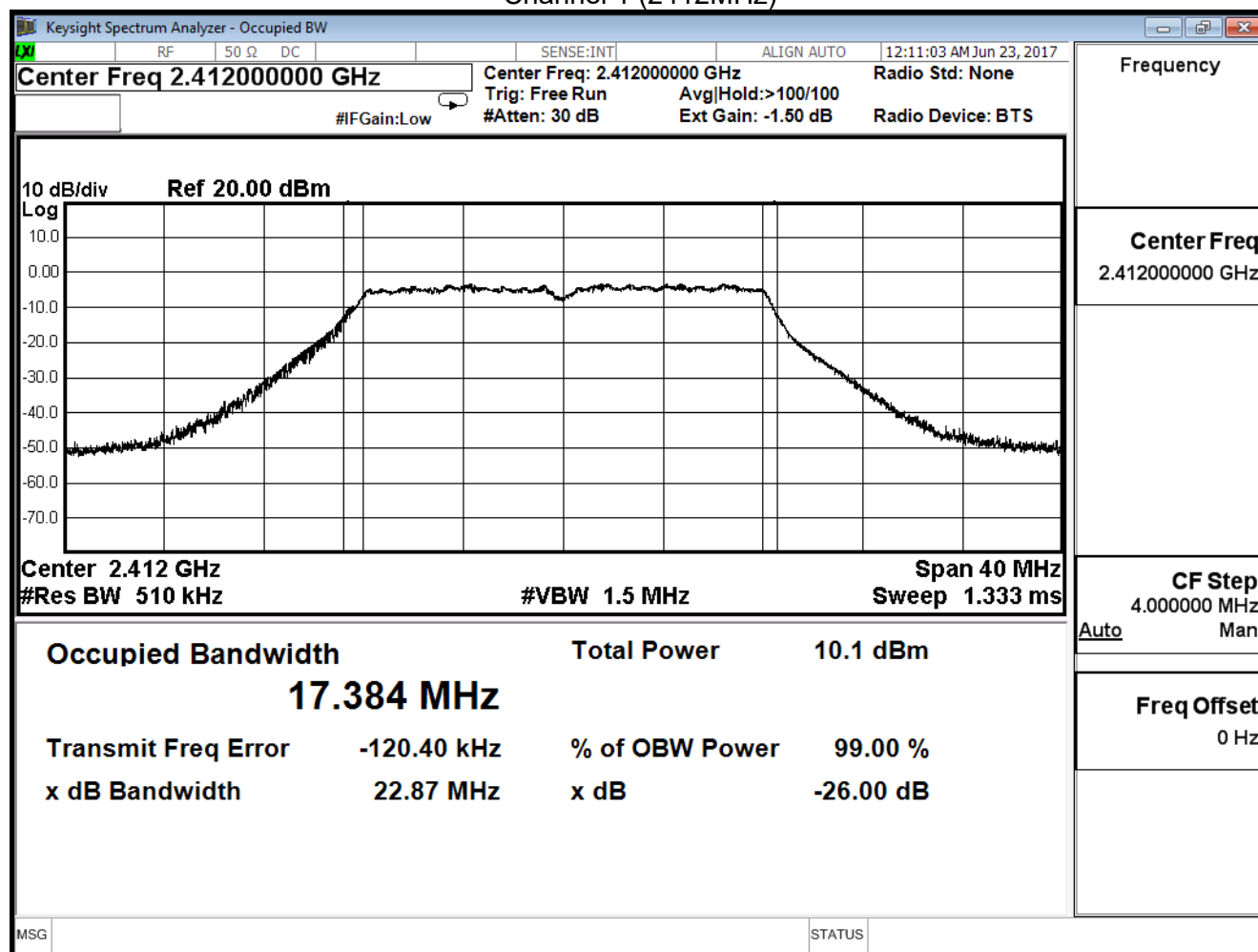


Product	Digital Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

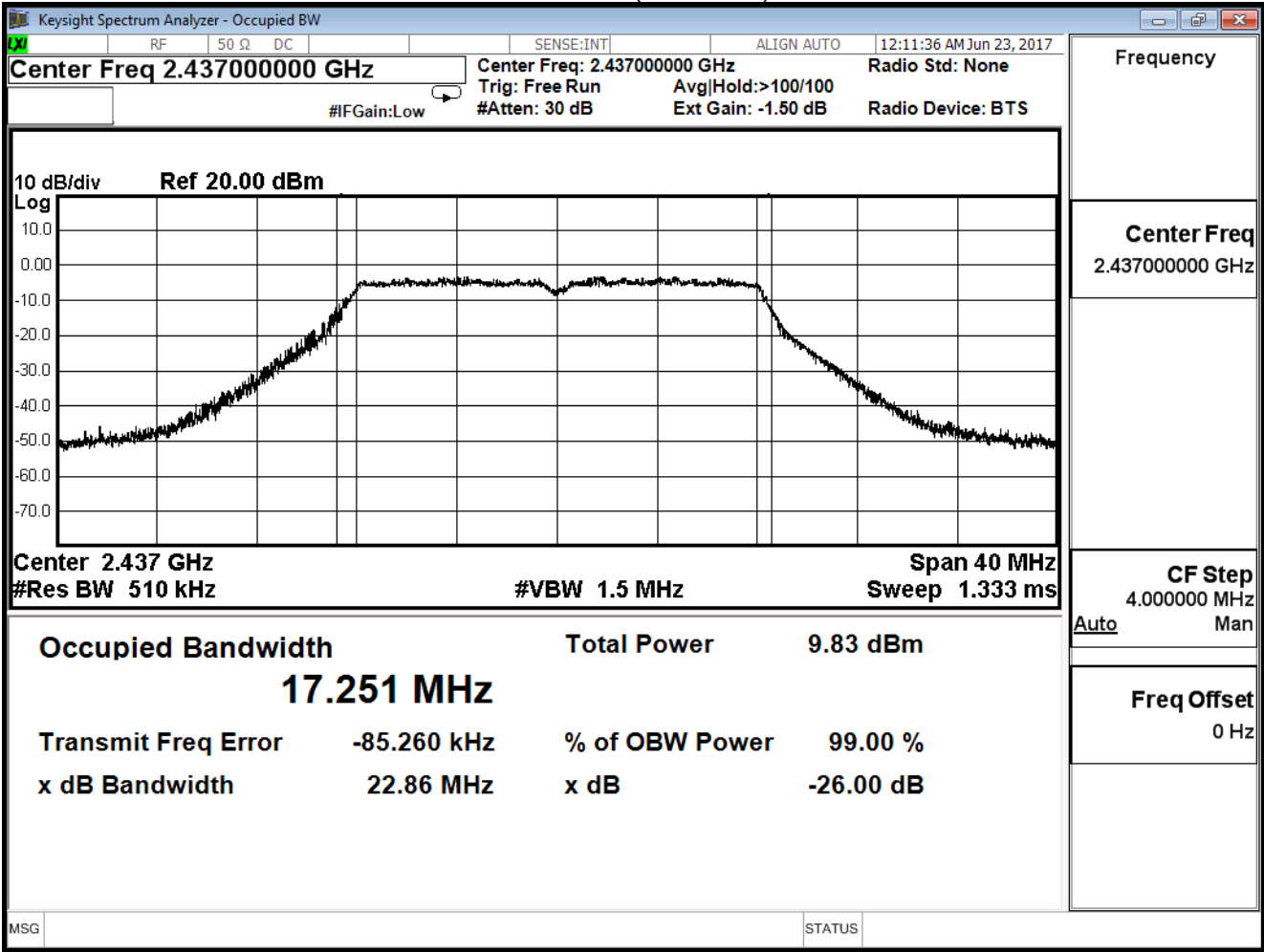
IEEE 802.11g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	17.384	--
6	2437	17.251	--
11	2462	17.413	--

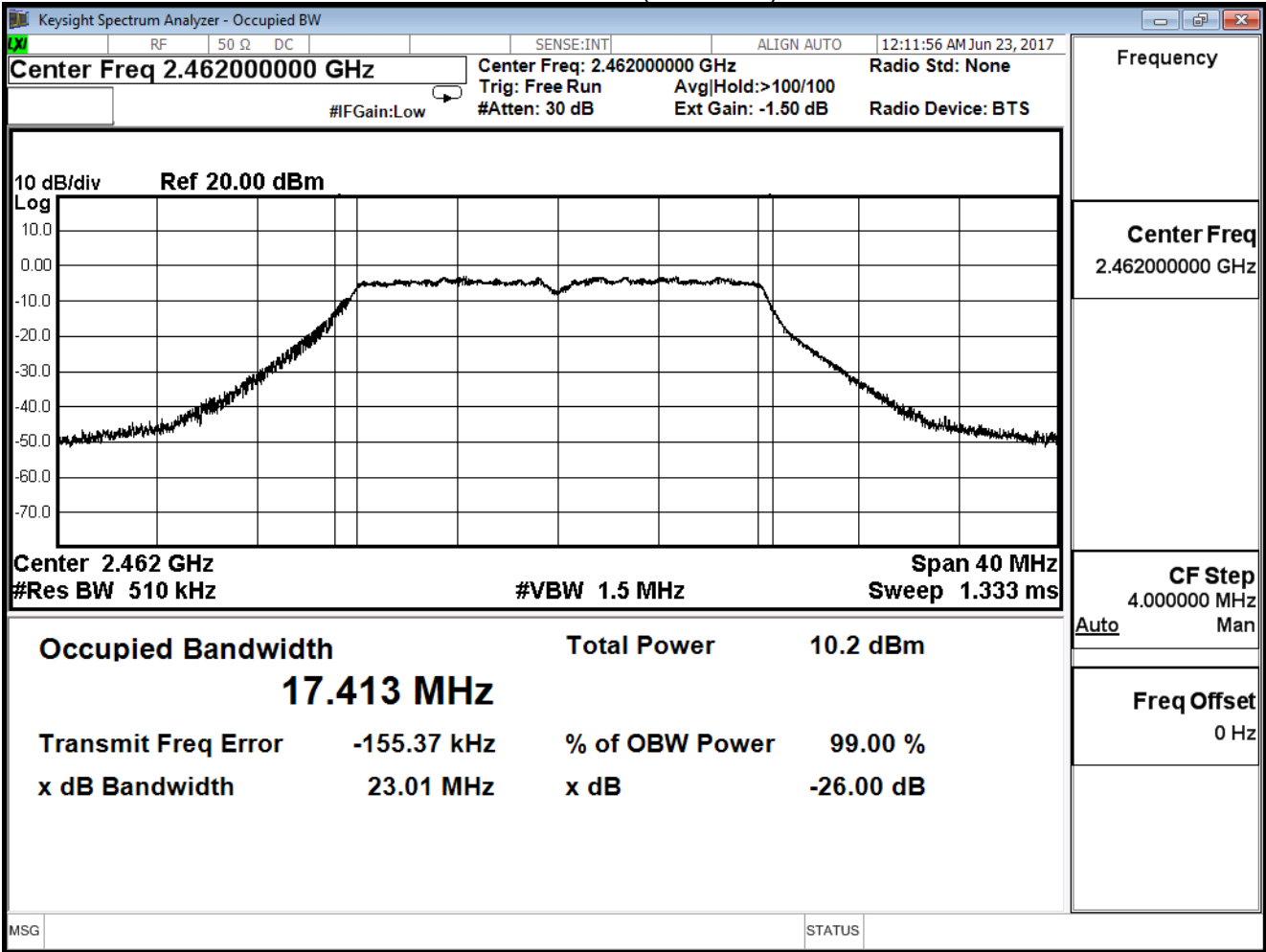
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

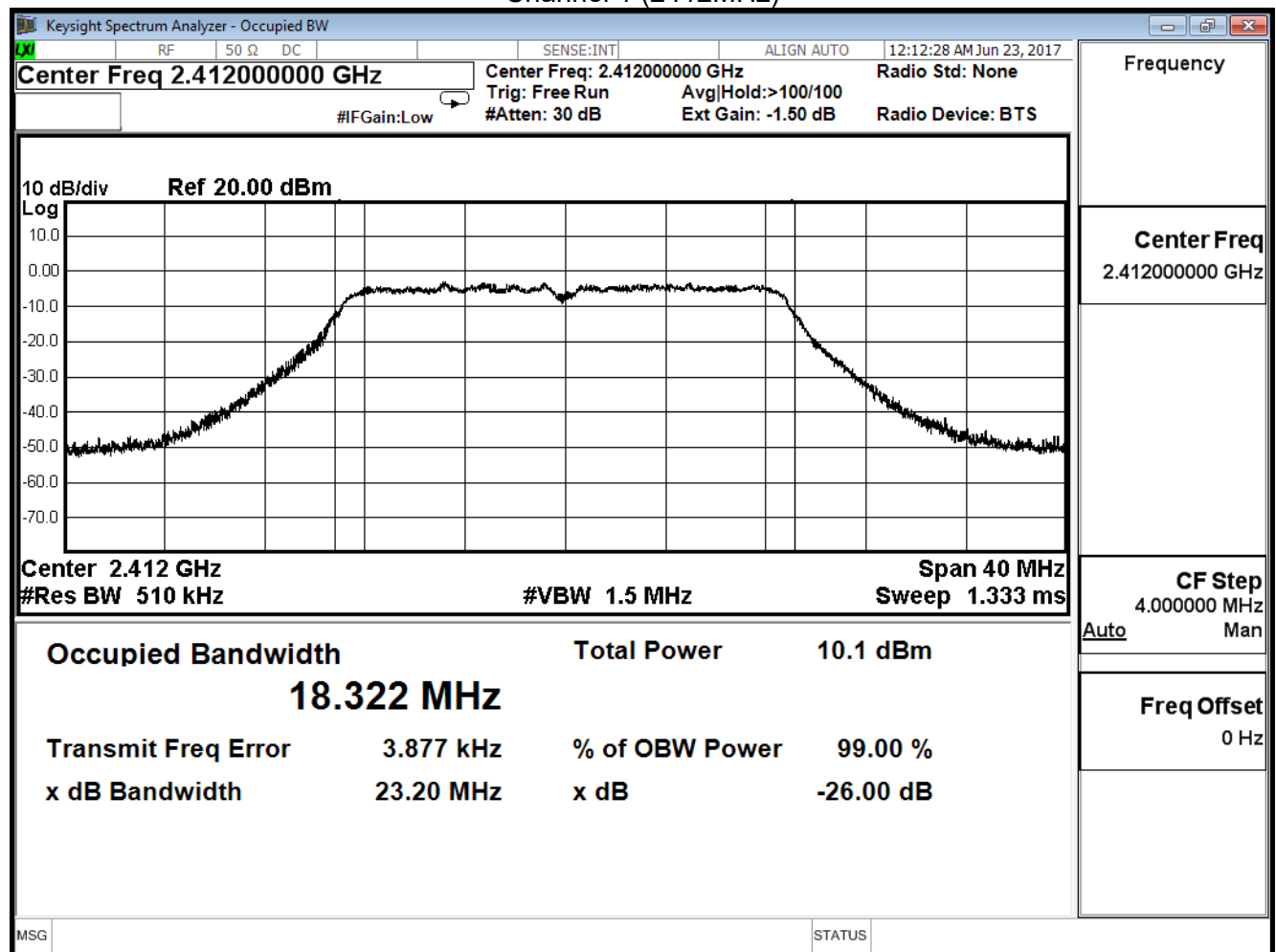


Product	Digital Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

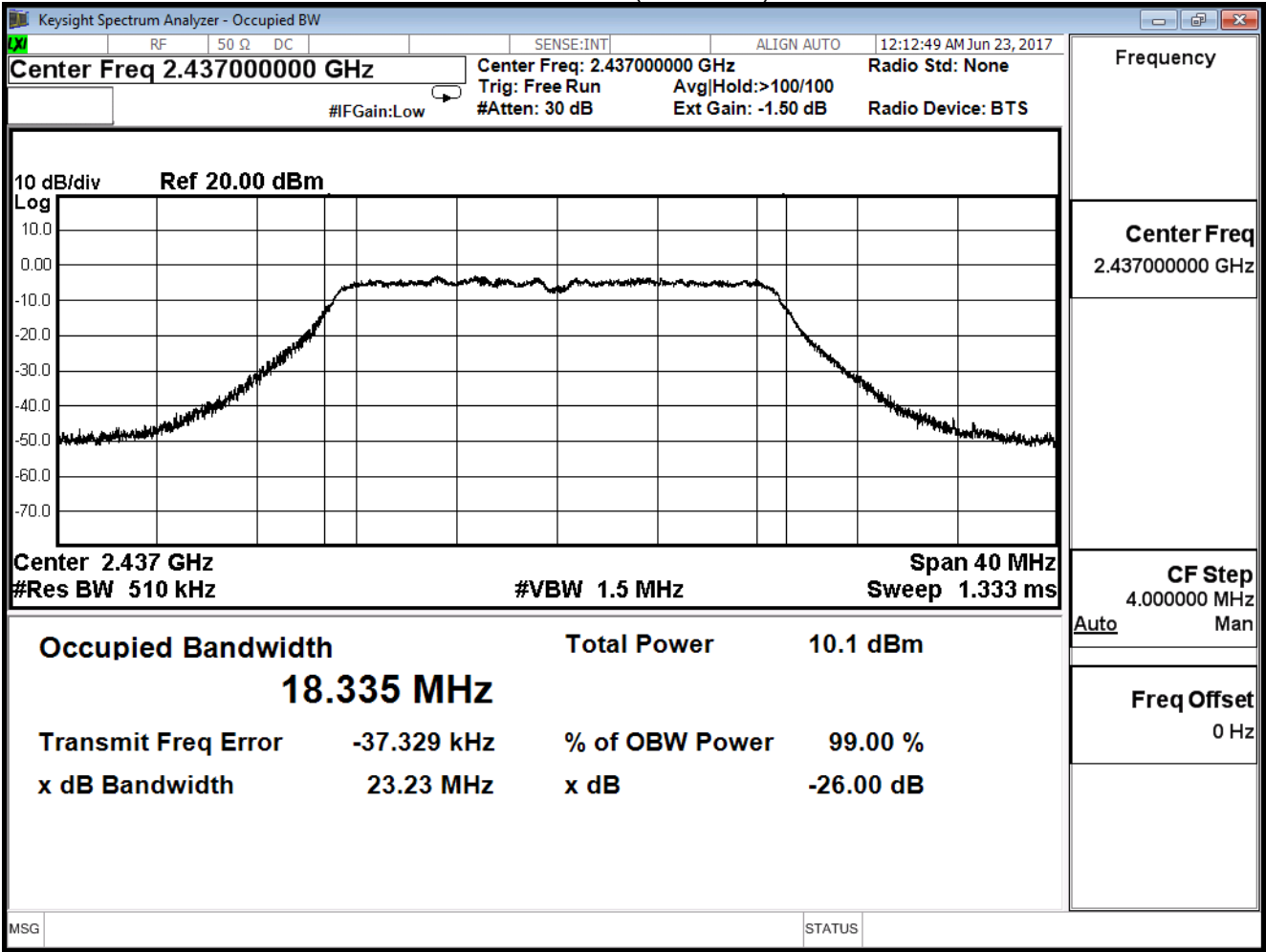
IEEE 802.11n(20MHz) (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	18.322	--
6	2437	18.335	--
11	2462	18.348	--

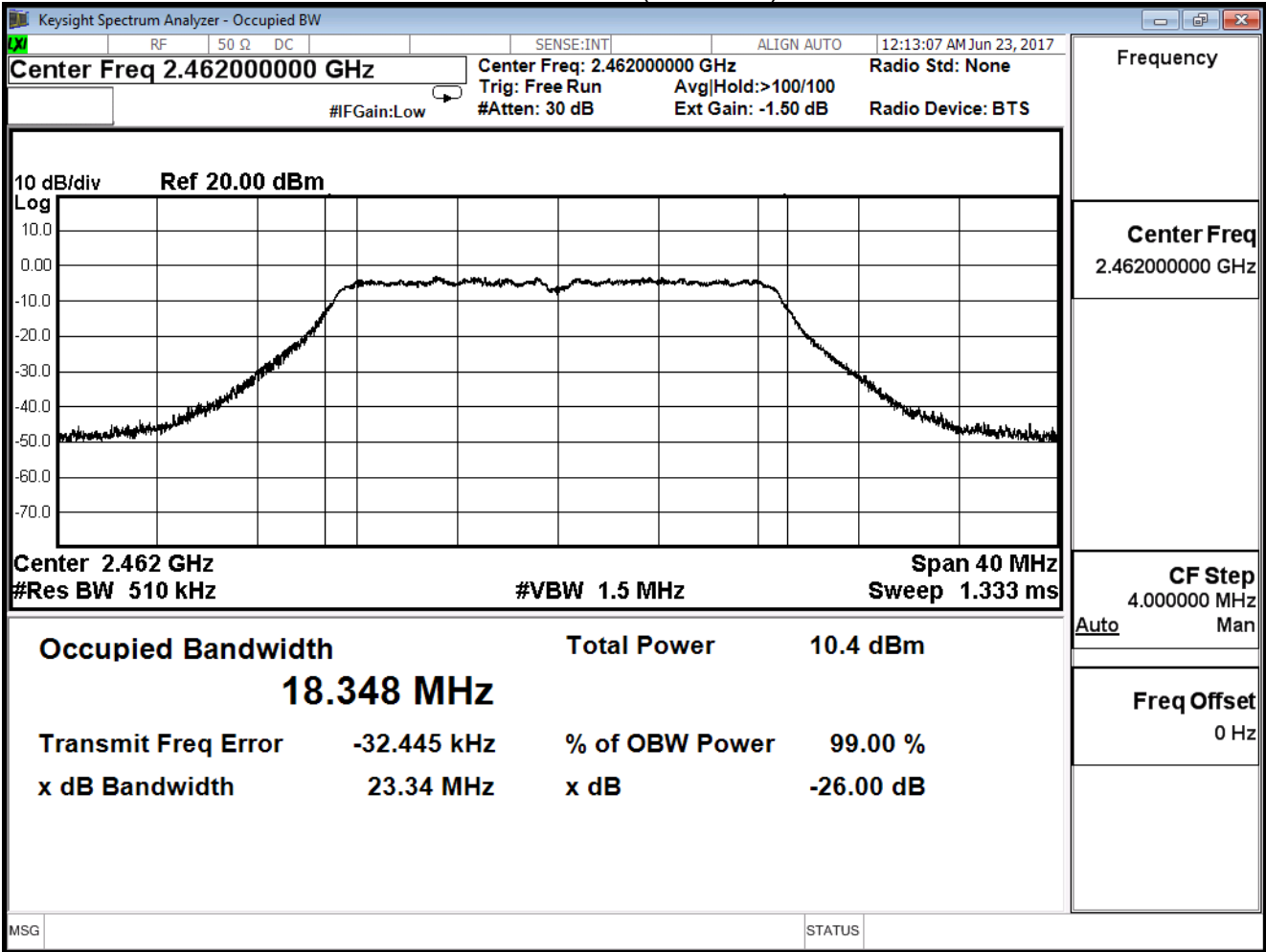
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

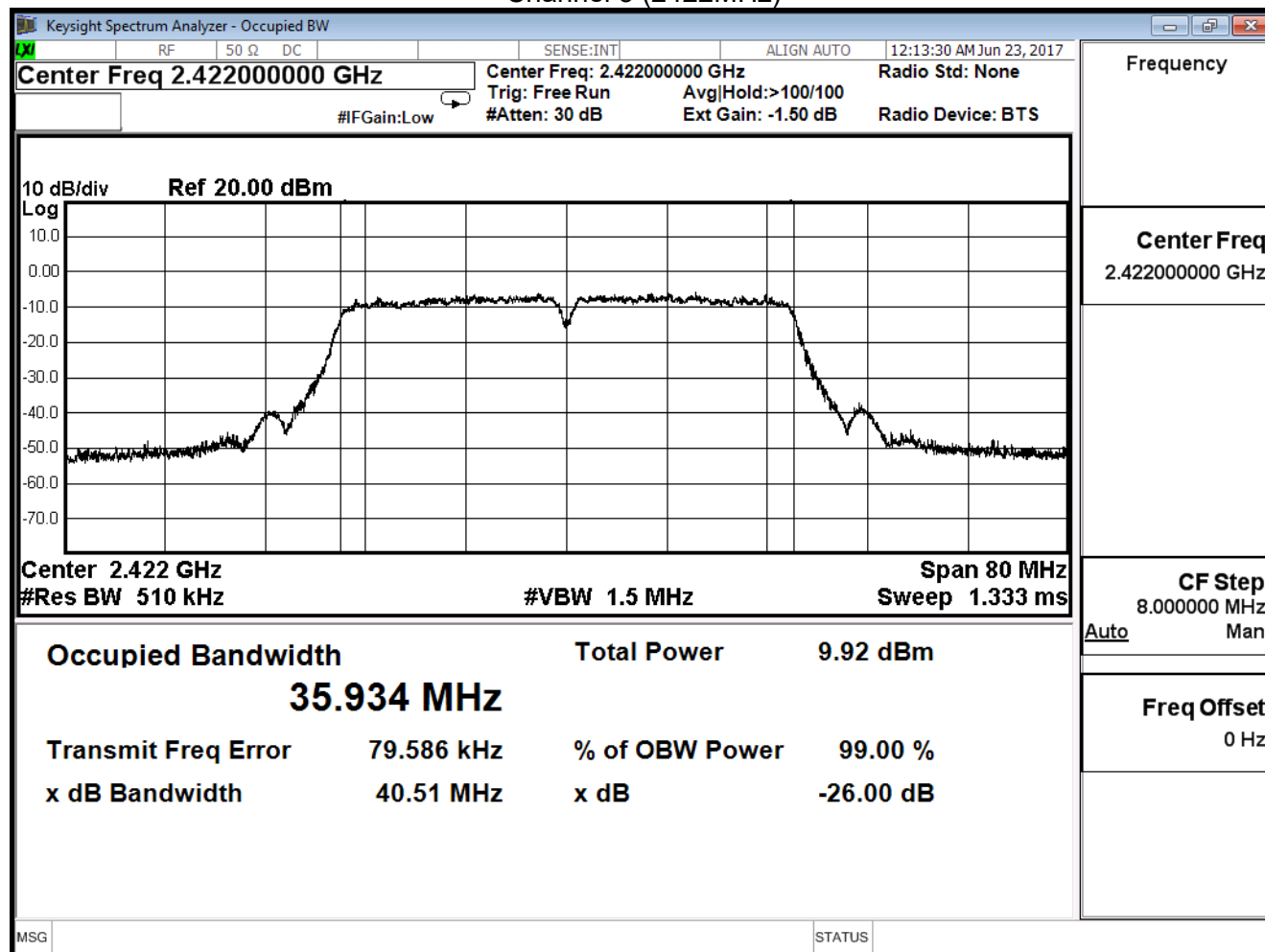


Product	Digital Camera		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/23	Test Site	SR10-H

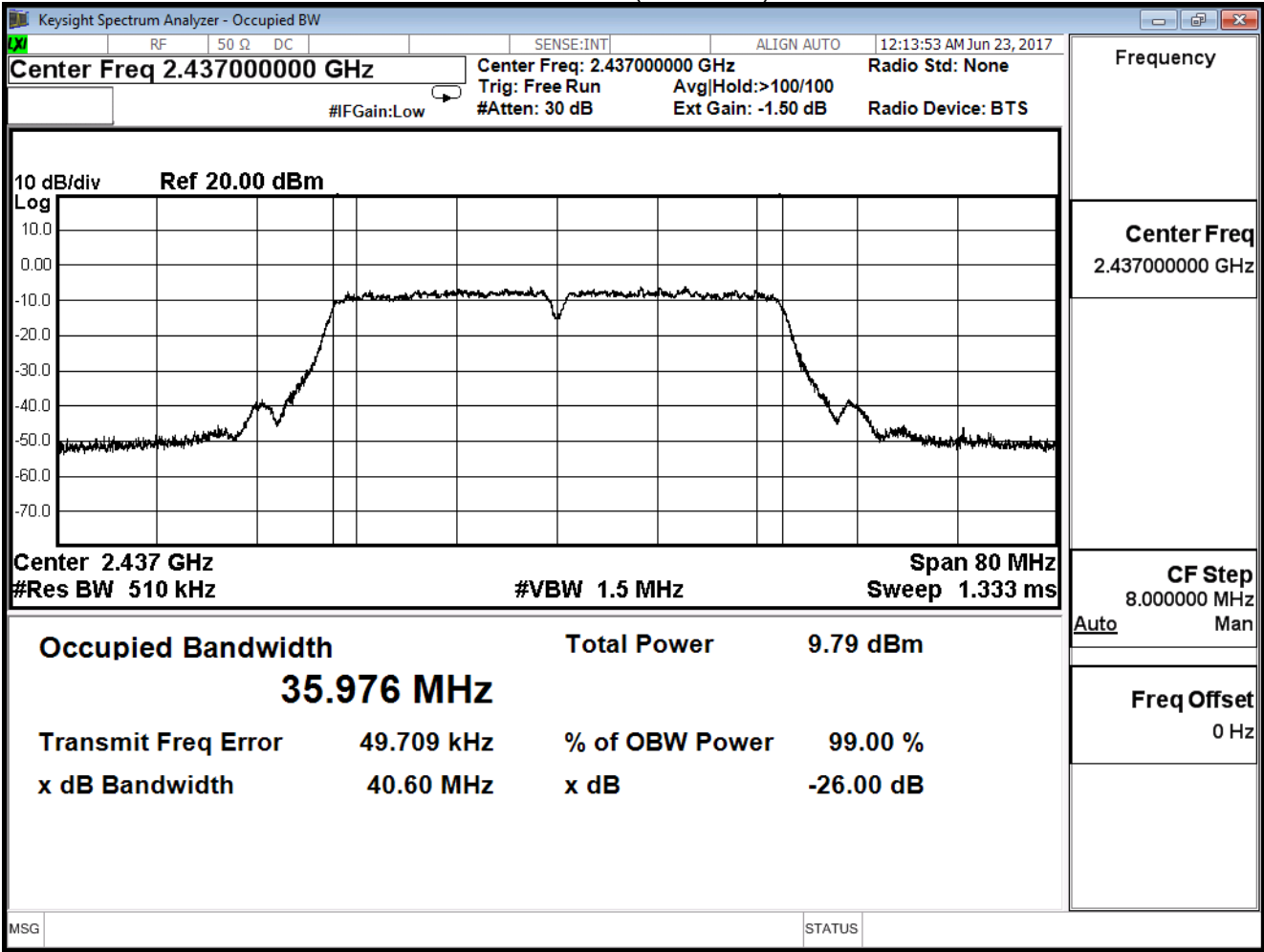
IEEE 802.11n(40MHz) (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	35.934	--
6	2437	35.976	--
9	2452	36.013	--

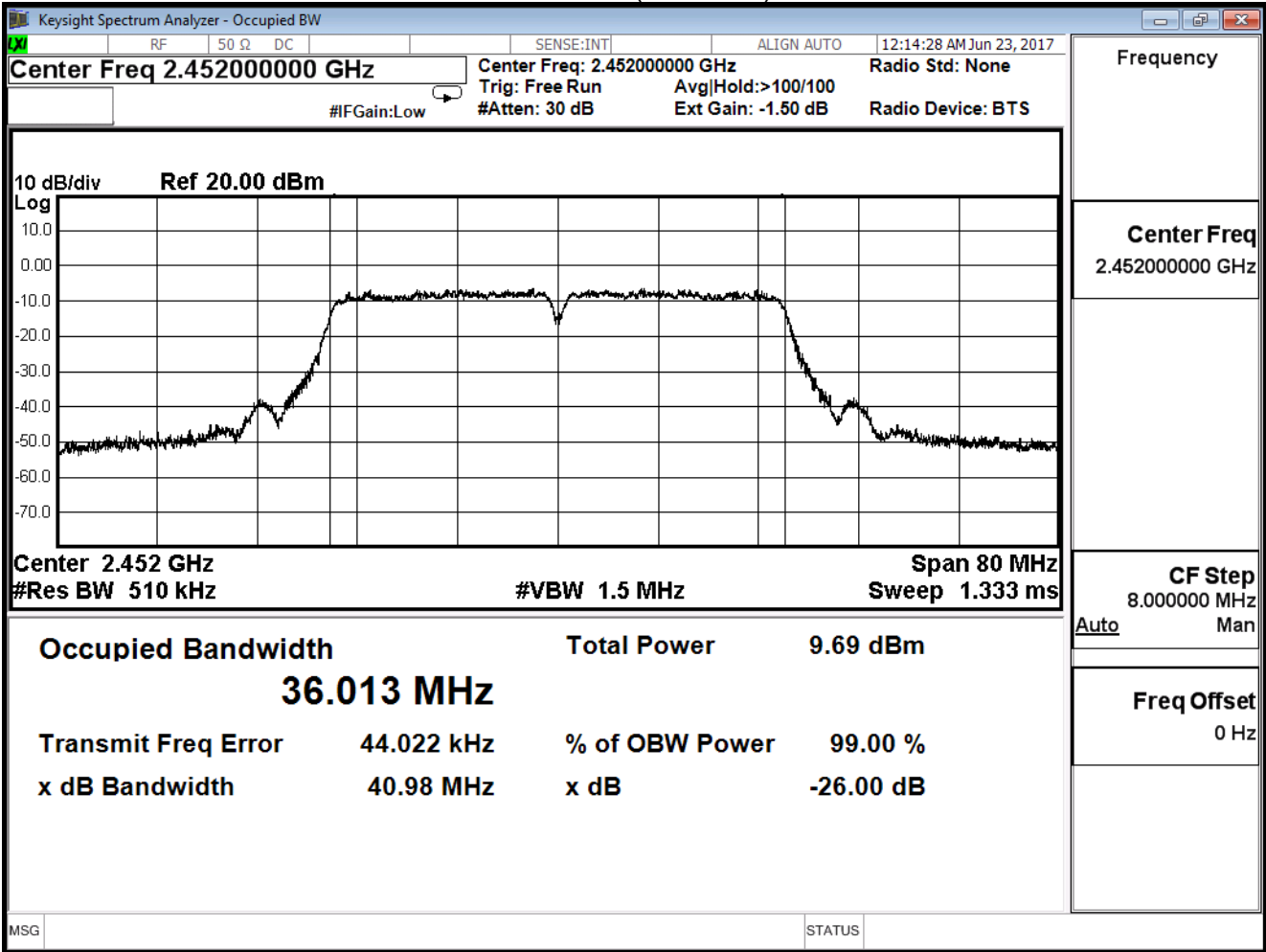
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



9. Power Density

9.1. Test Equipment

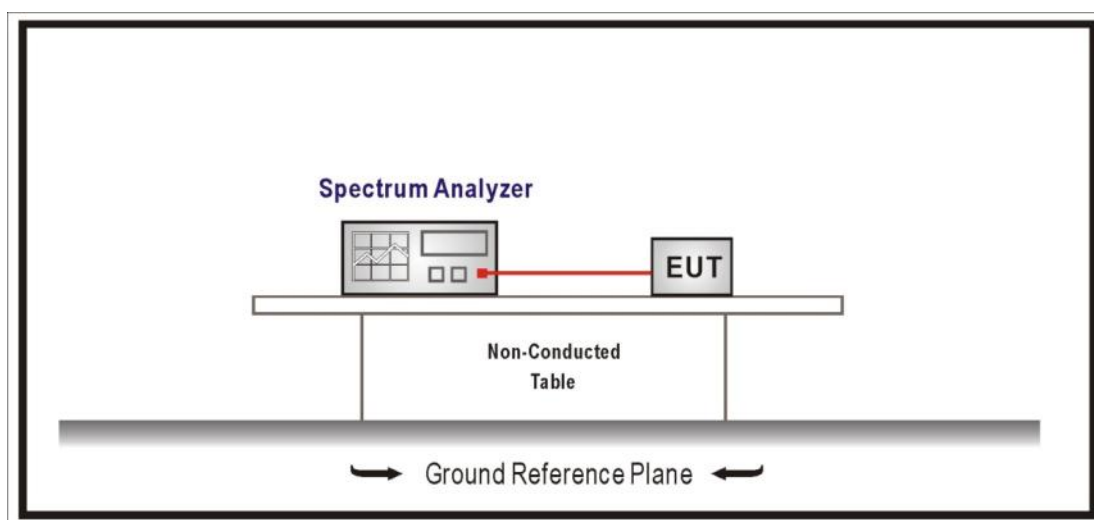
The following test equipment is used during the test:

Power Density / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/12
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

Note: All equipment 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 KDB 558074 D01 V04 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

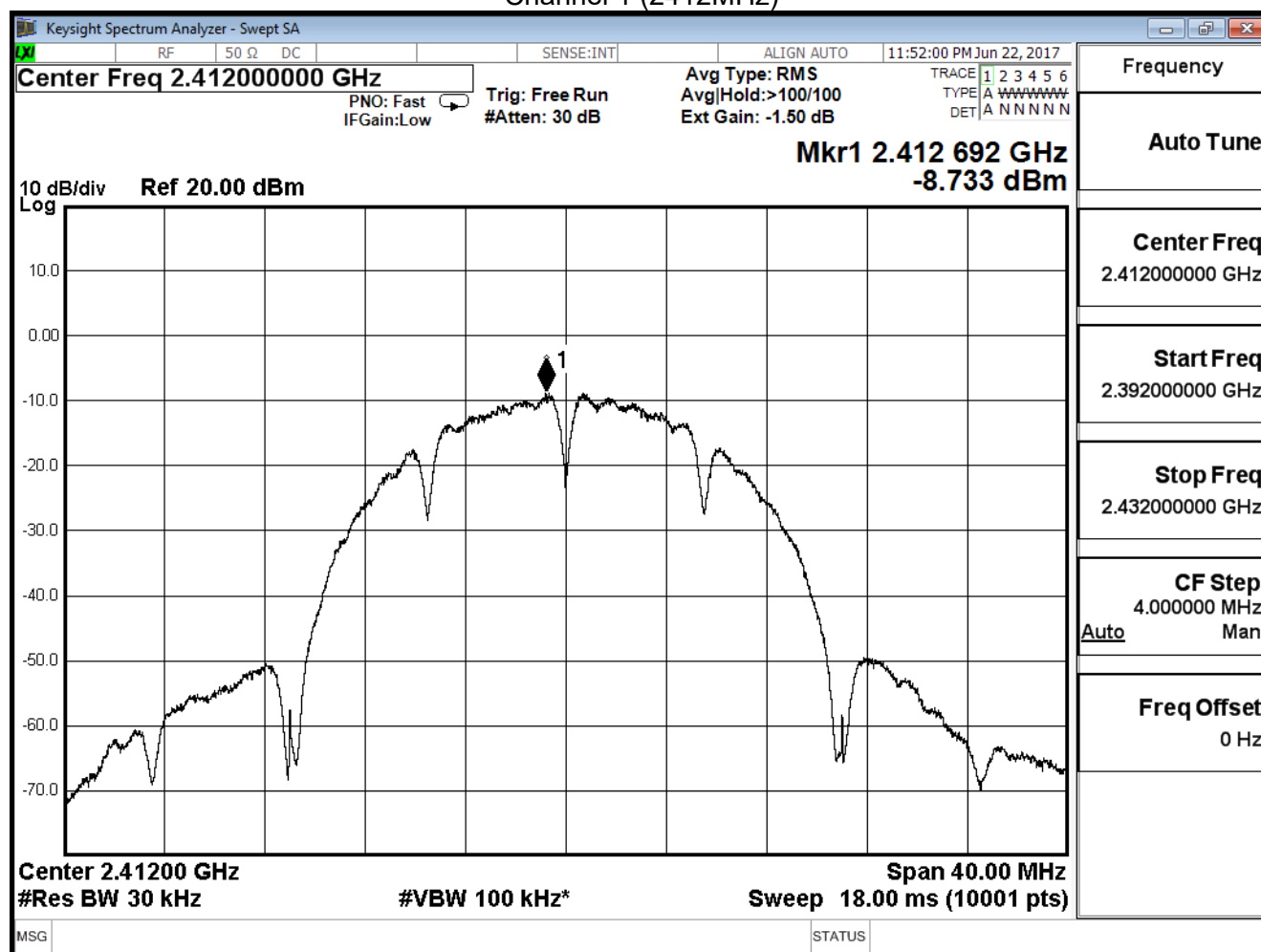
The measurement uncertainty is defined as ± 1.27 dB.

9.7. Test Result

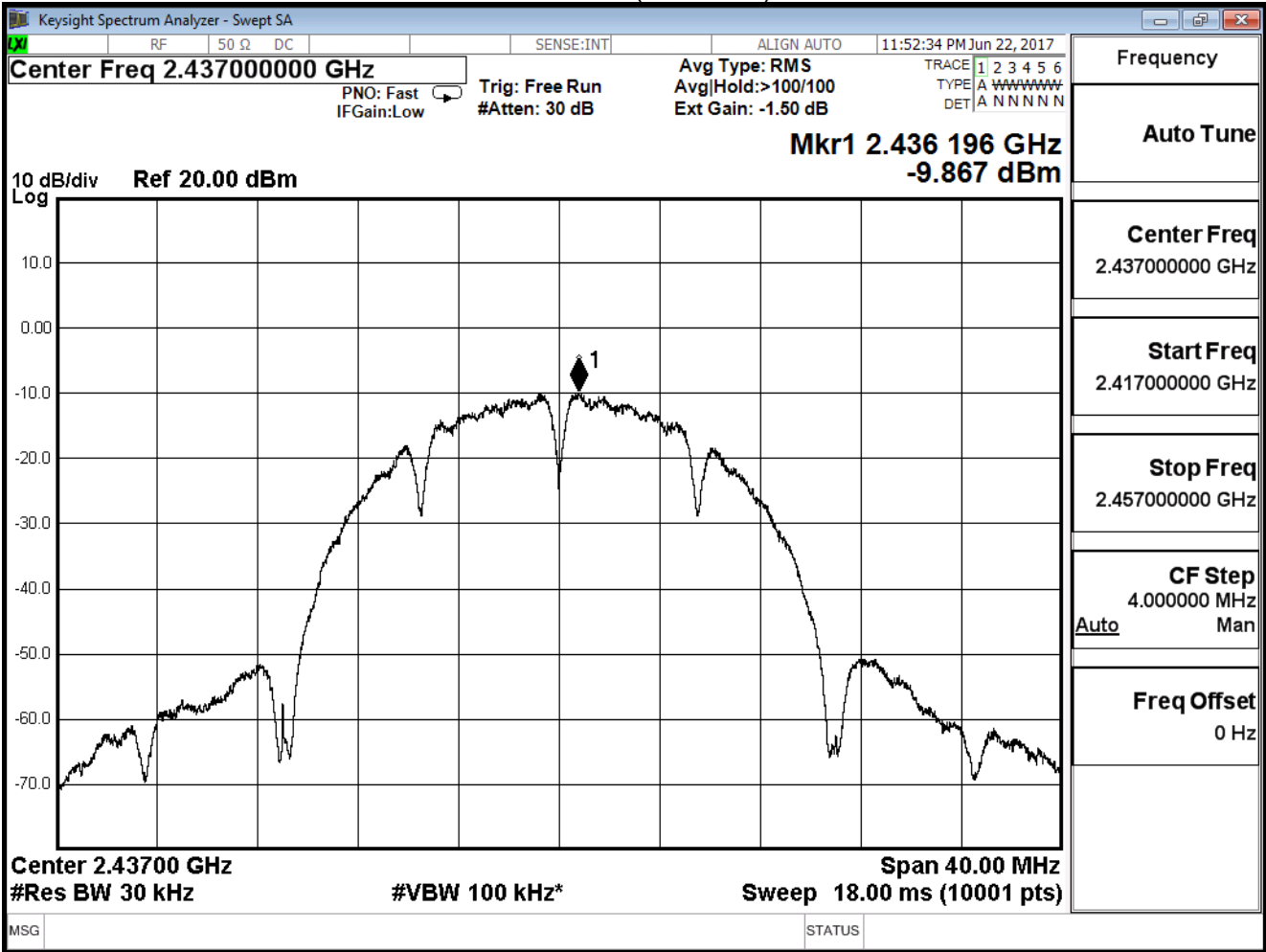
Product	Digital Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/22	Test Site	SR10-H

IEEE 802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (dBm/3KHz)
1	2412	-8.733	≤ 8
6	2437	-9.867	≤ 8
11	2462	-9.233	≤ 8

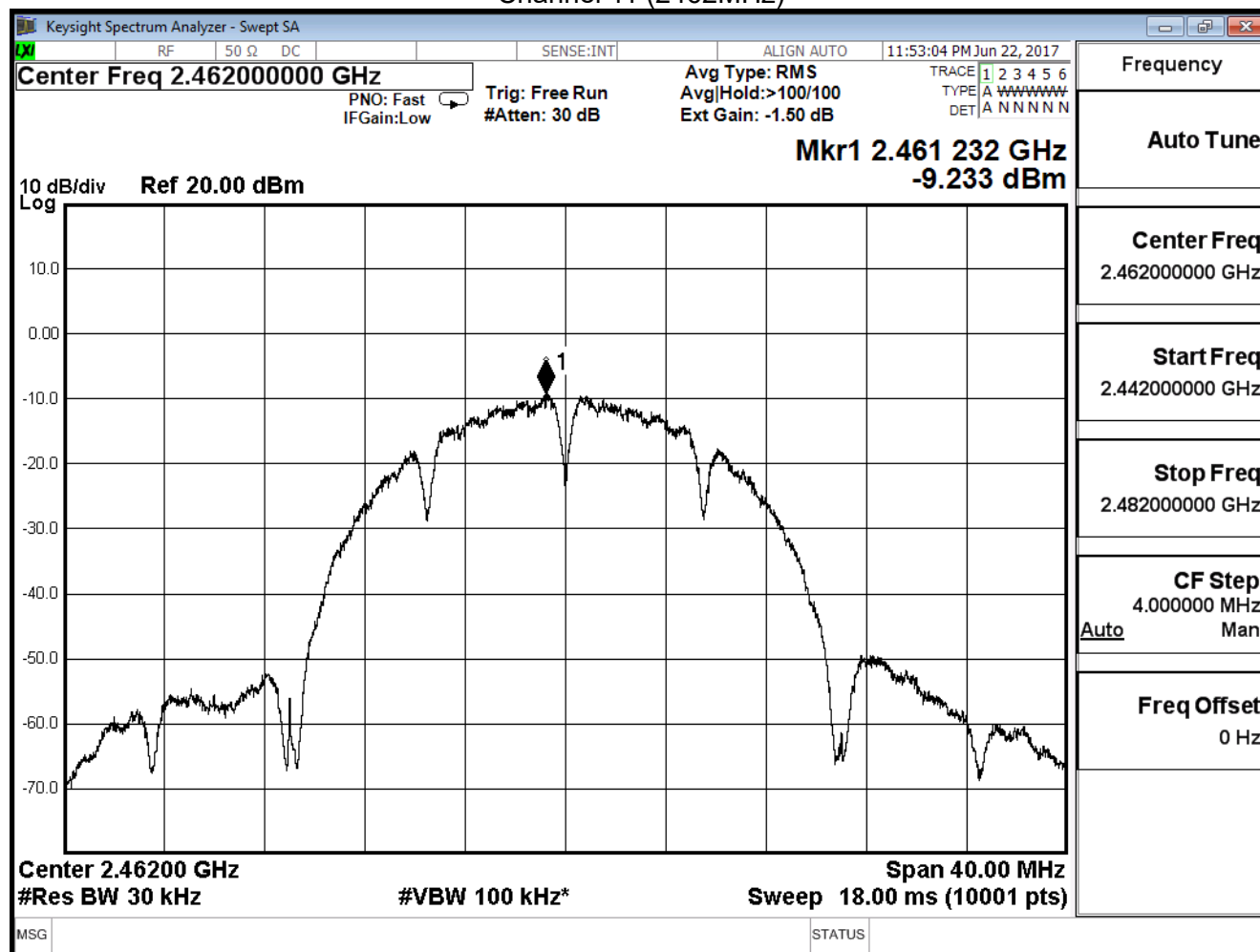
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

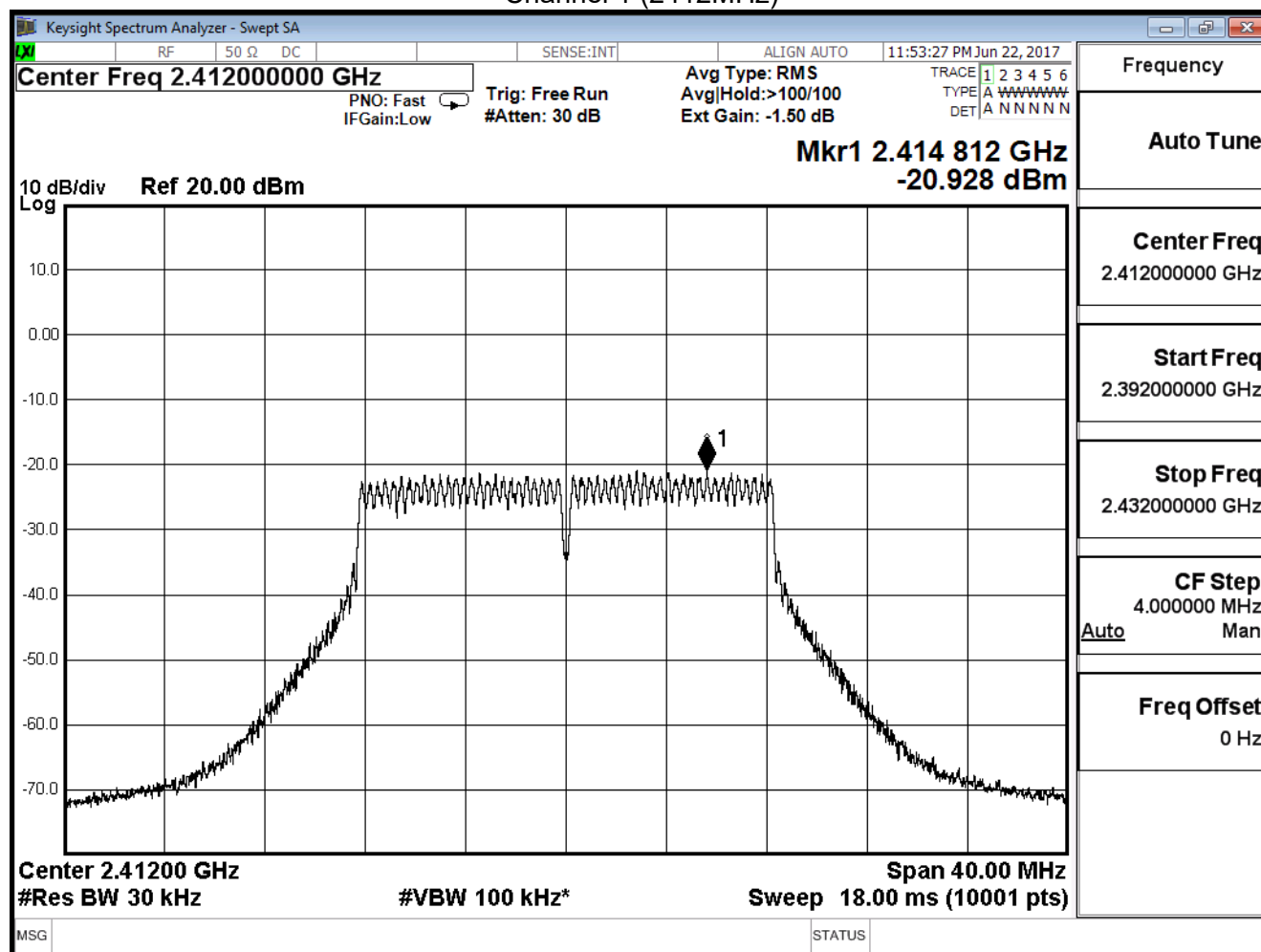


Product	Digital Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/22	Test Site	SR10-H

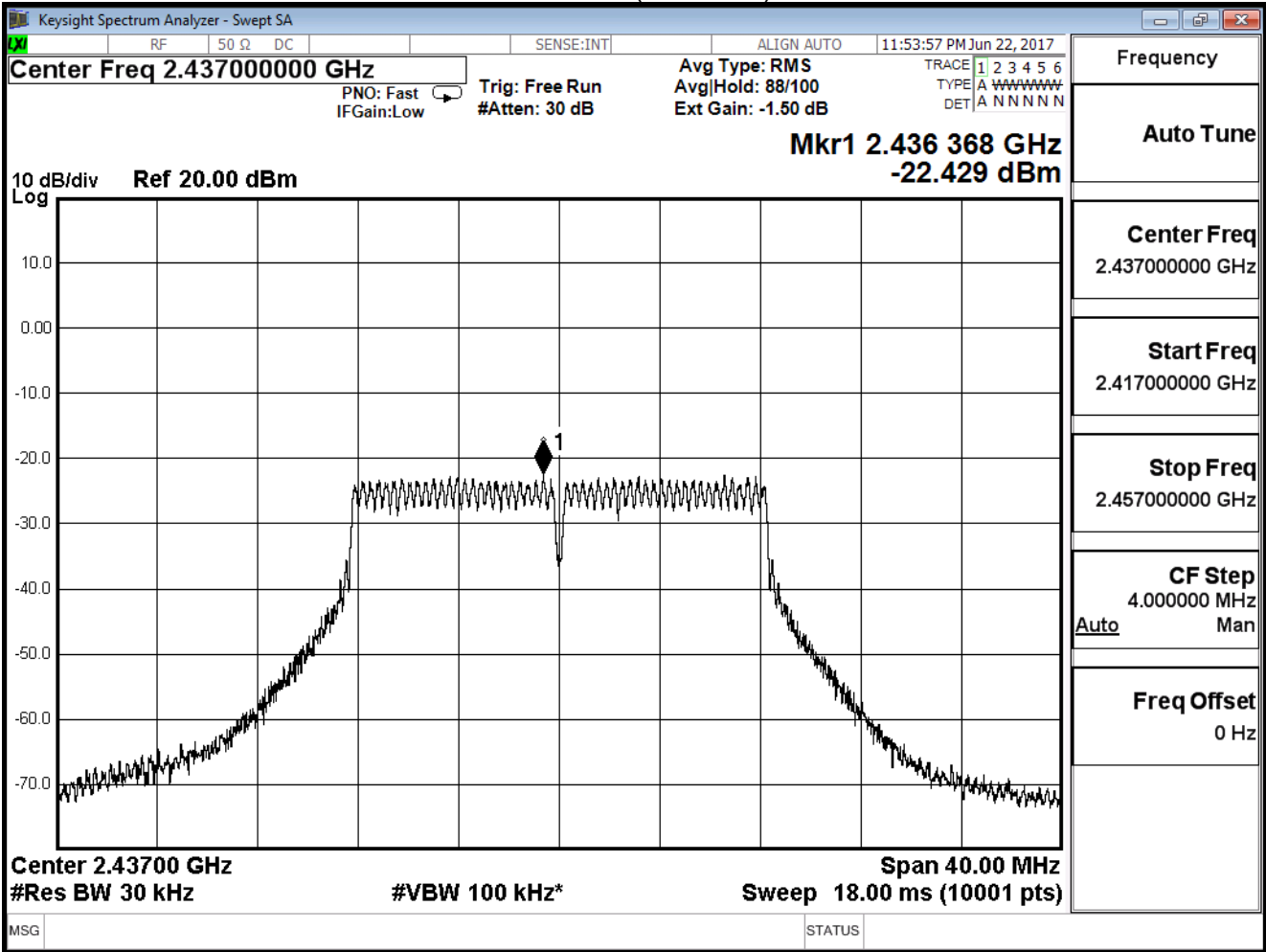
IEEE 802.11g (ANT 0)

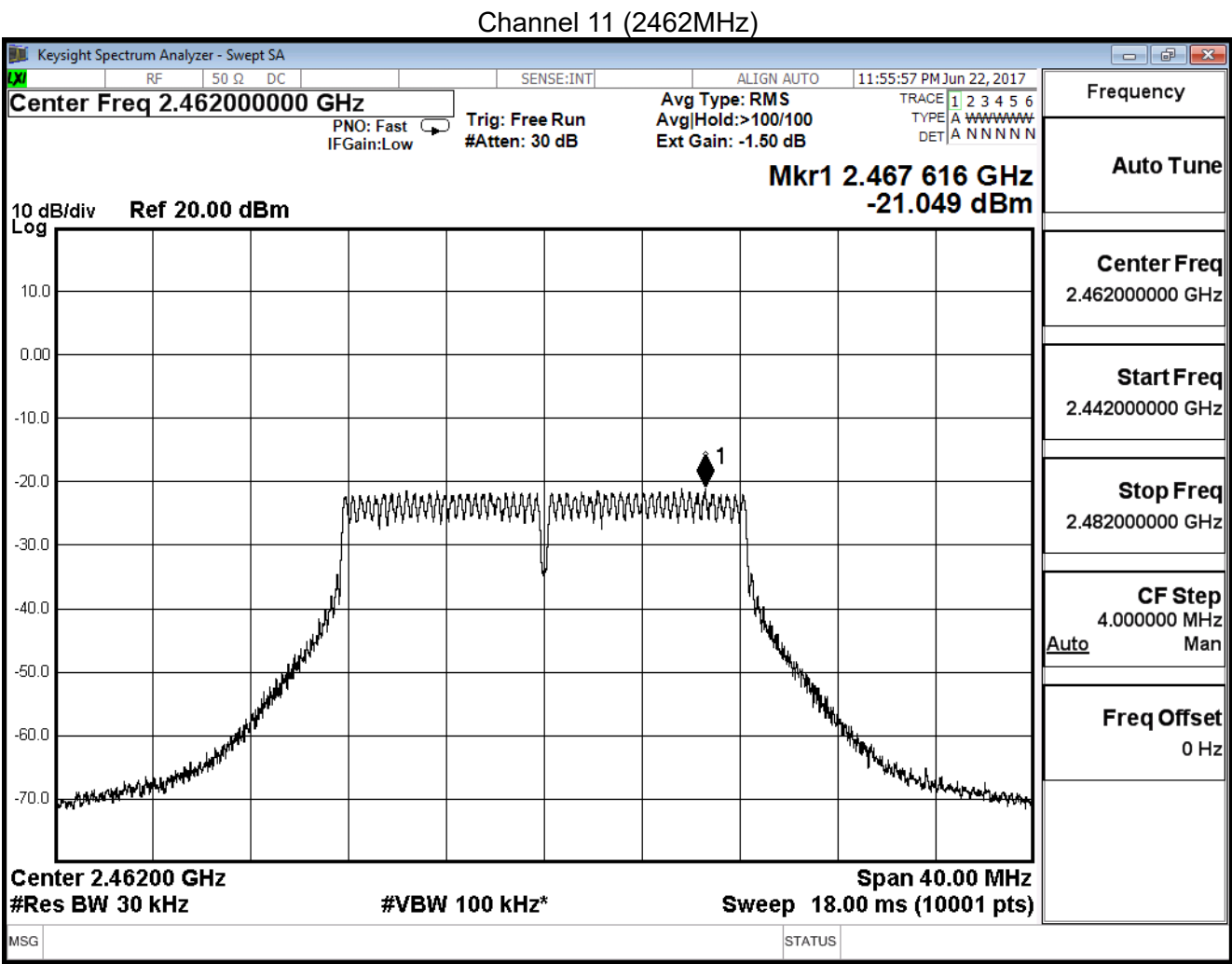
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (dBm/3KHz)
1	2412	-20.928	≤ 8
6	2437	-22.429	≤ 8
11	2462	-21.049	≤ 8

Channel 1 (2412MHz)



Channel 6 (2437MHz)



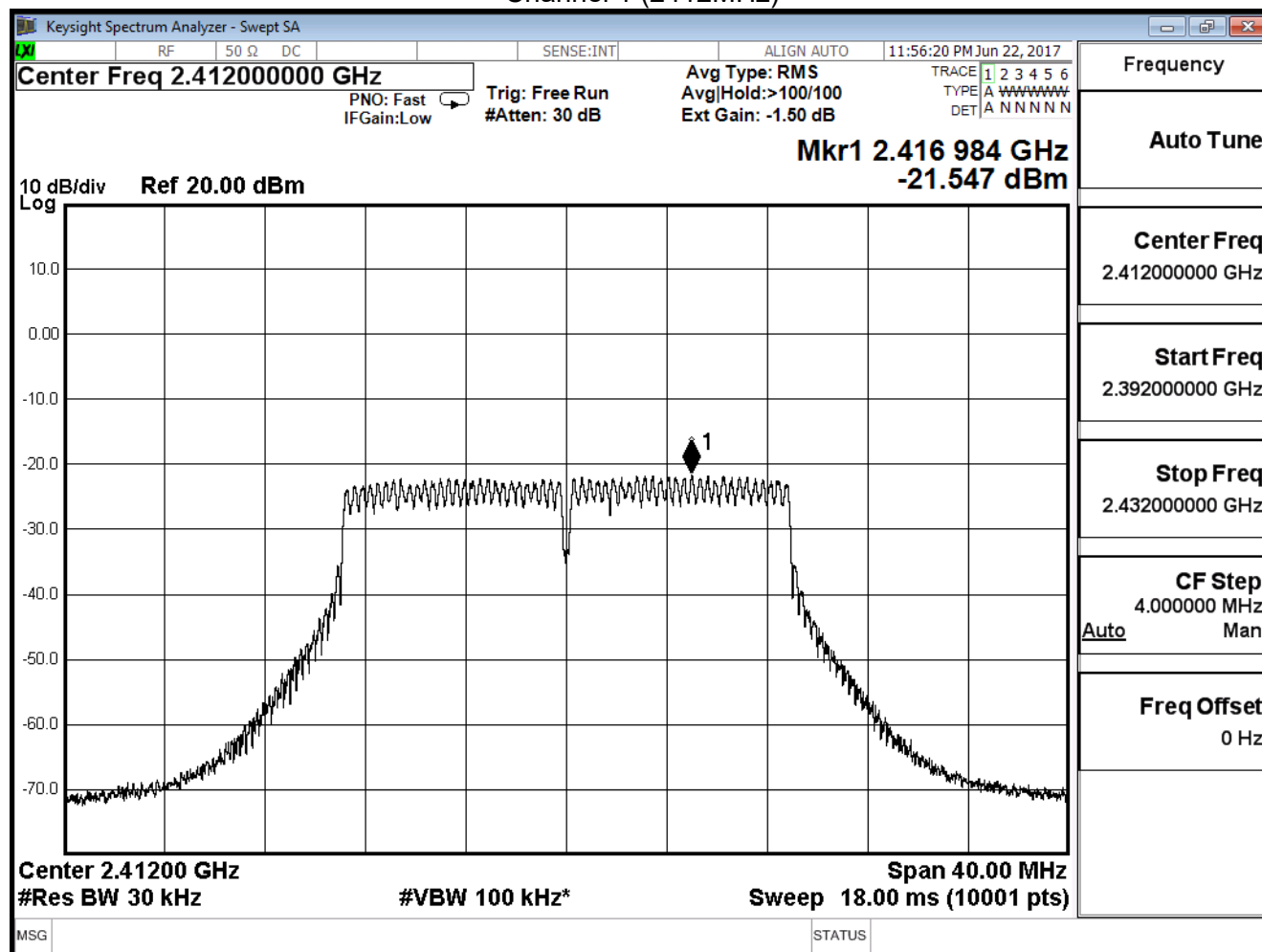


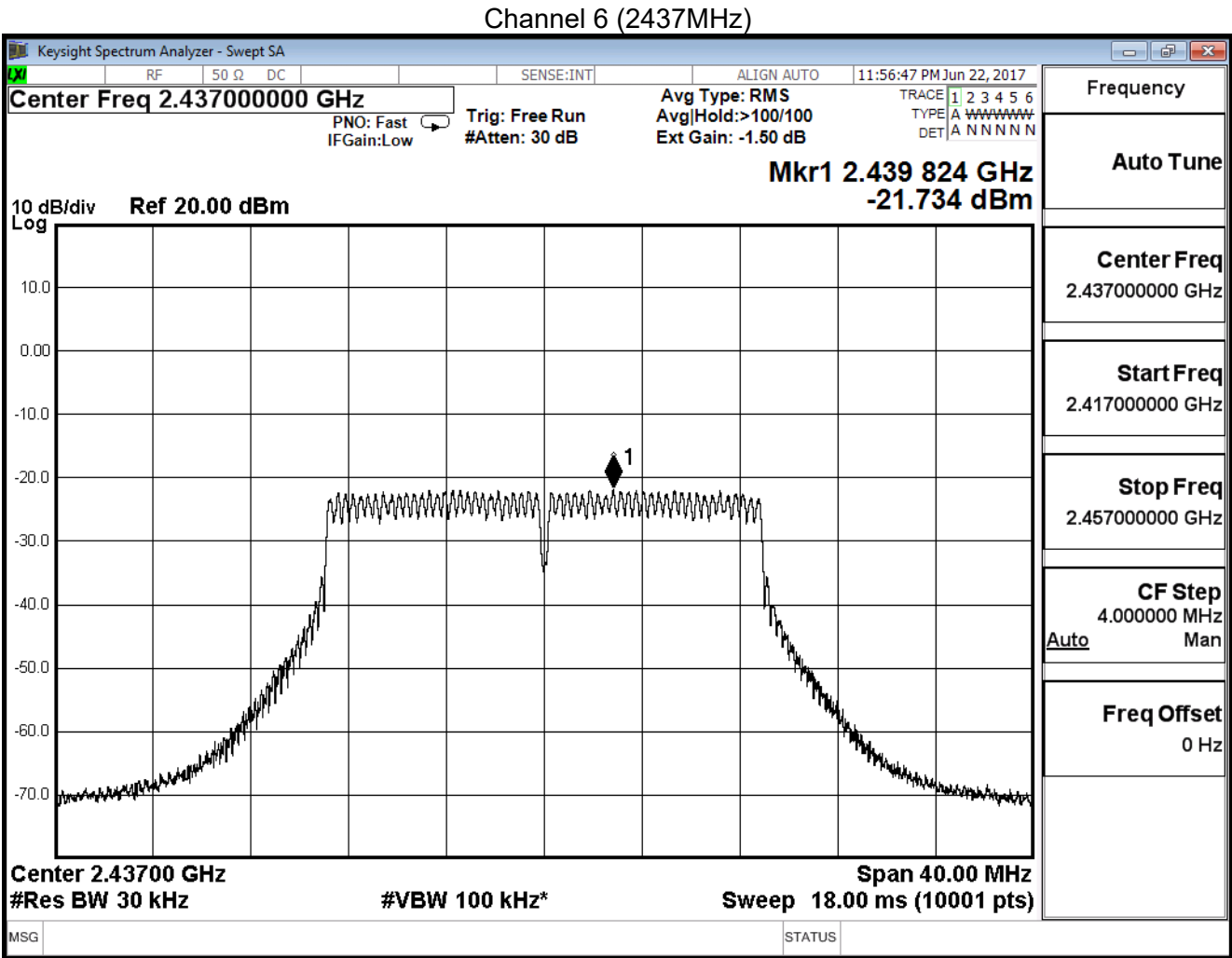
Product	Digital Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/22	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0)

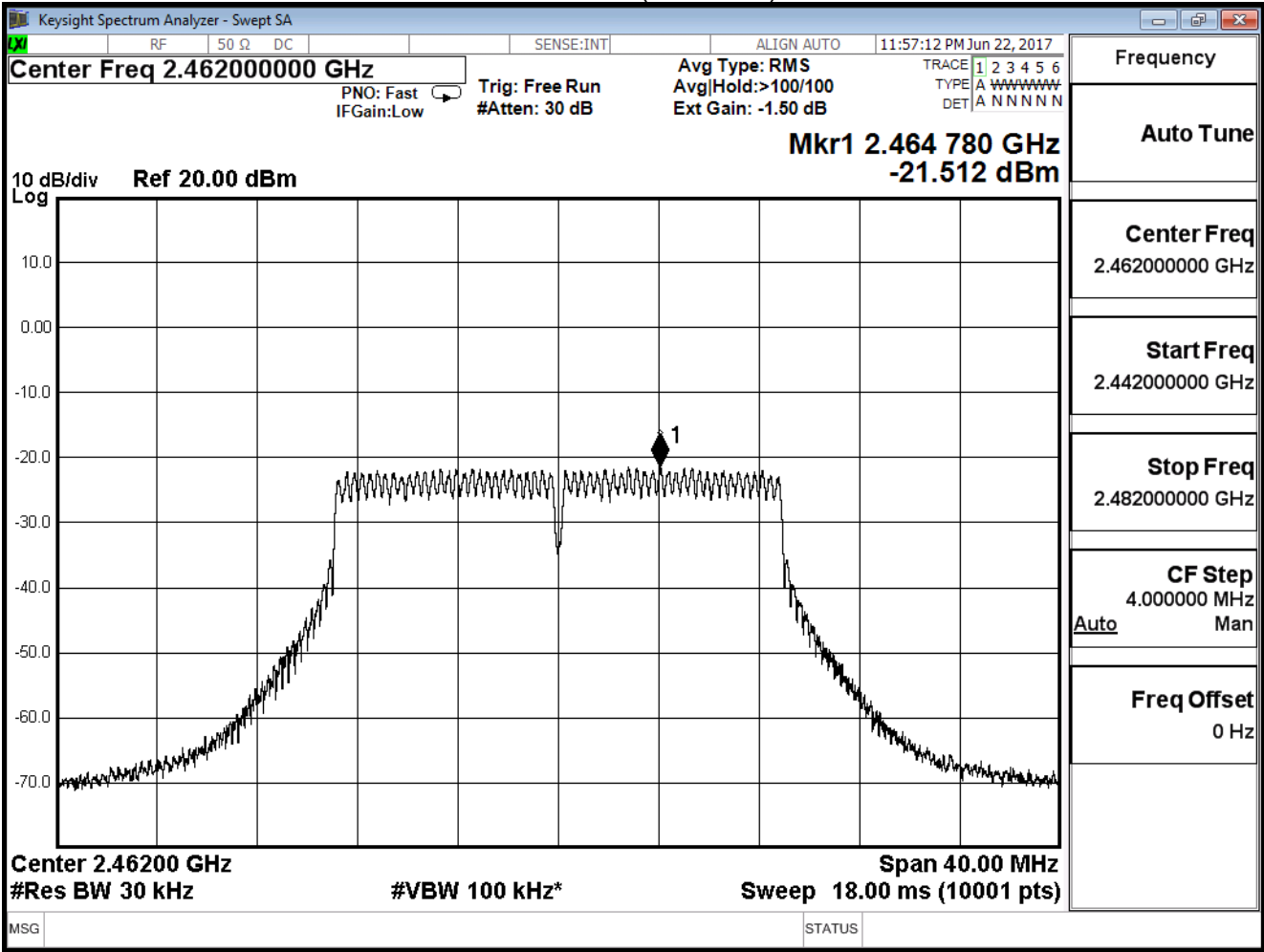
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (dBm/3KHz)
1	2412	-21.547	≤ 8
6	2437	-21.734	≤ 8
11	2462	-21.512	≤ 8

Channel 1 (2412MHz)





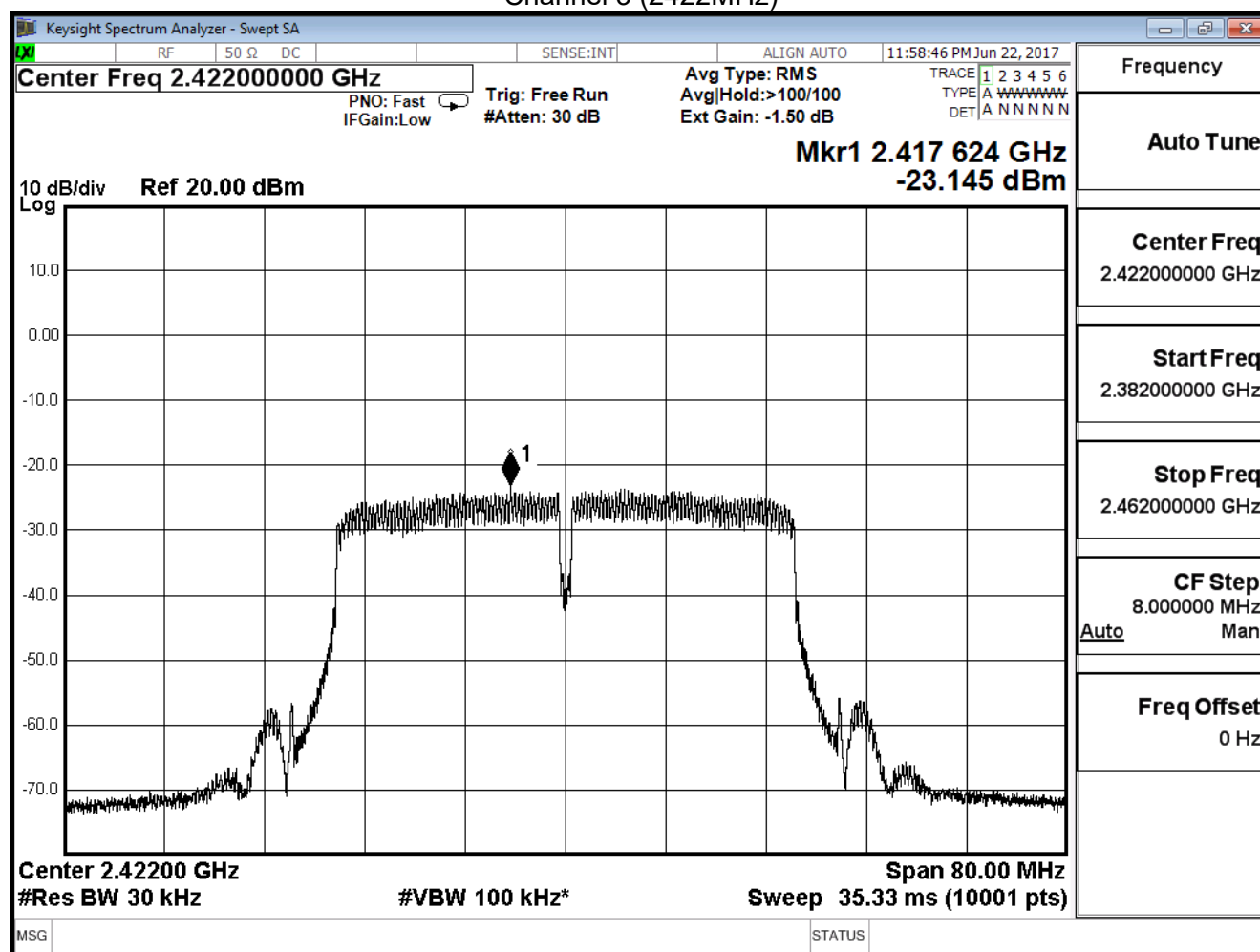
Channel 11 (2462MHz)



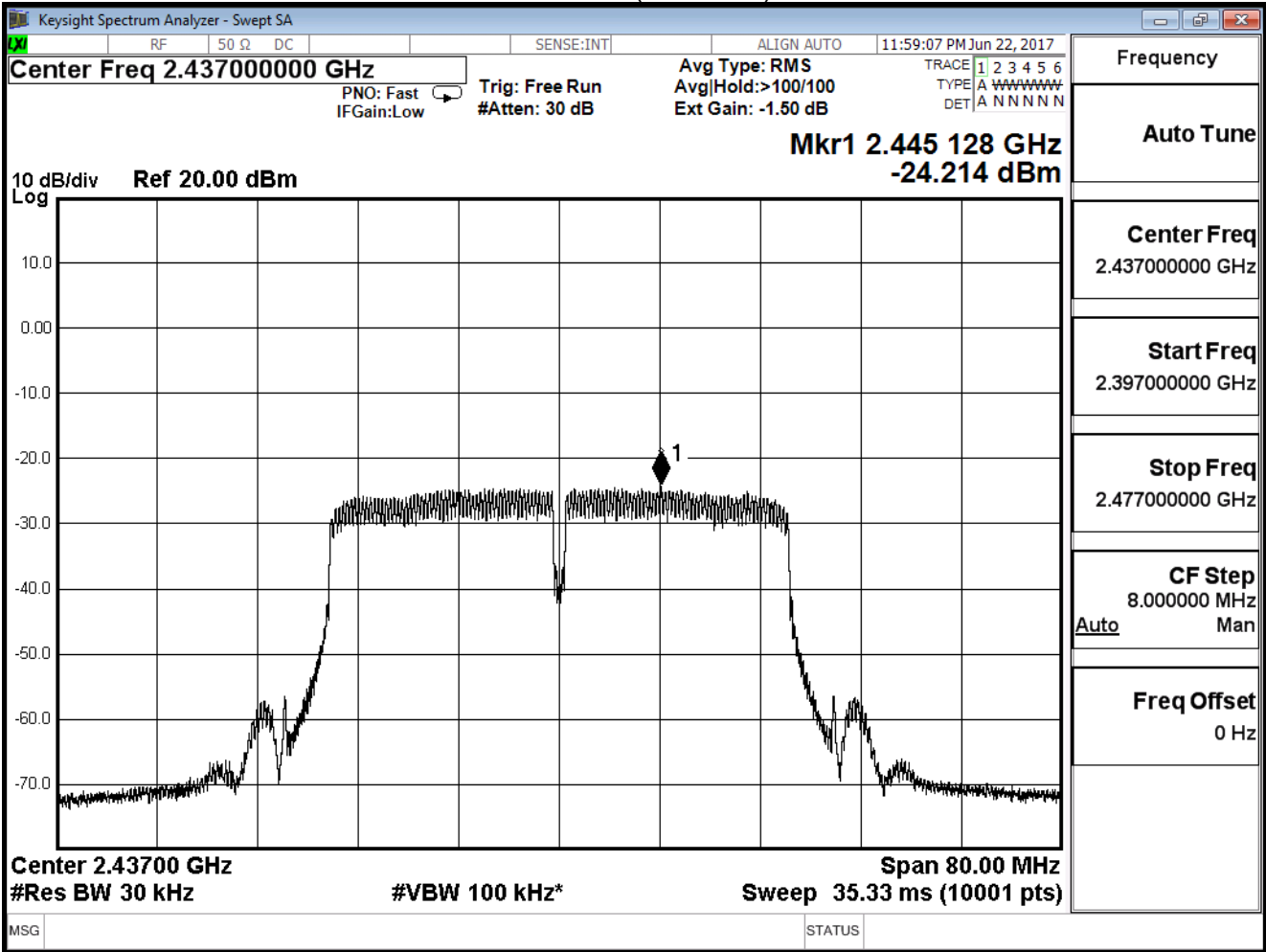
Product	Digital Camera		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/06/22	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (dBm/3KHz)
3	2422	-23.145	≤ 8
6	2437	-24.214	≤ 8
9	2452	-24.306	≤ 8

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

