

FCC Test Report

Product Name : UHD751-P
Trade Name : Vestel
Model No. : UHD751-P
FCC ID. : XU6-UHD751P

Applicant : VESTEL TRADE CO.

Address : Organize Sanayi Bölgesi (45030) Manisa/Türkiye

Date of Receipt : Mar. 21, 2017
Issued Date : Aug. 21, 2017
Report No. : 1770382R-RFUSP01V00-A
Report Version : V3.0



The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of DEKRA Testing and Certification Co., Ltd.

Test Report Certification

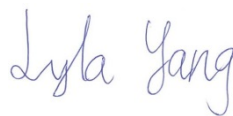
Issued Date : Aug. 21, 2017

Report No. : 1770382R-RFUSP01V00-A



Product Name : UHD751-P
Applicant : VESTEL TRADE CO.
Address : Organize Sanayi Bölgesi (45030) Manisa/Türkiye
Manufacturer : VESTEL TRADE CO.
Model No. : UHD751-P
FCC ID. : XU6-UHD751P
EUT Voltage : AC 100-240V, 50-60Hz
Testing Voltage : AC 120V/ 60Hz
Trade Name : Vestel
Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2015
ANSI C63.10: 2013
Laboratory Name : Hsin Chu Laboratory
Address : No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township,
Hsinchu County 310, Taiwan, R.O.C.
TEL: +886-3-582-8001 / FAX: +886-3-582-8958
Test Result : Complied

Documented By :



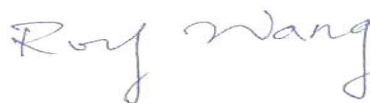
(Lyla Yang / Engineering Adm. Specialist)

Tested By :



(Carter Hsu / Senior Engineer)

Approved By :



(Roy Wang / Director)

Revision History

Report No.	Version	Description	Issued Date
1770382R-RFUSP01V00-A	V3.0	Initial issue of report	Aug. 21, 2017

TABLE OF CONTENTS

Description	Page
1. General Information.....	7
1.1. EUT Description	7
1.2. Test Mode	10
1.3. Tested System Details	11
1.4. Configuration of tested System	11
1.5. EUT Exercise Software	11
1.6. Test Facility.....	12
2. Conducted Emission	14
2.1. Test Equipment.....	14
2.2. Test Setup	14
2.3. Limits	15
2.4. Test Procedure	15
2.5. Test Specification.....	15
2.6. Uncertainty	15
2.7. Test Result.....	16
3. Peak Power Output	18
3.1. Test Equipment.....	18
3.2. Test Setup	18
3.3. Test procedures.....	18
3.4. Limits	18
3.5. Test Specification.....	18
3.6. Uncertainty	18
3.7. Test Result.....	19
4. Radiated Emission	29
4.1. Test Equipment.....	29
4.2. Test Setup	29
4.3. Limits	30
4.4. Test Procedure	30
4.5. Test Specification.....	30
4.6. Uncertainty	30
4.7. Test Result.....	31
4.8. Test Result for Co-location	102

5.	RF antenna conducted test	104
5.1.	Test Equipment.....	104
5.2.	Test Setup	104
5.3.	Limits	105
5.4.	Test Procedure	105
5.5.	Test Specification.....	105
5.6.	Uncertainty	105
5.7.	Test Result.....	106
6.	Band Edge.....	146
6.1.	Test Equipment.....	146
6.2.	Test Setup	146
6.3.	Limits	146
6.4.	Test Procedure	147
6.5.	Test Specification.....	147
6.6.	Uncertainty	147
6.7.	Test Result.....	148
7.	DTS Bandwidth.....	220
7.1.	Test Equipment.....	220
7.2.	Test Setup	220
7.3.	Test Procedures	220
7.4.	Limits	220
7.5.	Test Specification.....	220
7.6.	Uncertainty	220
7.7.	Test Result.....	221
8.	Occupied Bandwidth.....	245
8.1.	Test Equipment.....	245
8.2.	Test Setup	245
8.3.	Test Procedures	245
8.4.	Limits	245
8.5.	Test Specification.....	245
8.6.	Uncertainty	245
8.7.	Test Result.....	246
9.	Power Density	270
9.1.	Test Equipment.....	270
9.2.	Test Setup	270

9.3.	Limits	270
9.4.	Test Procedures	270
9.5.	Test Specification.....	270
9.6.	Uncertainty	270
9.7.	Test Result.....	271
Attachment 1.....		297
	Test Setup Photograph	297
Attachment 2.....		302
	EUT External Photograph.....	302
Attachment 3.....		305
	EUT Internal Photograph.....	305

1. General Information

1.1. EUT Description

Product Name	UHD751-P	
Trade Name	Vestel	
Model No.	UHD751-P	
Frequency Range/ Channel Number	IEEE 802.11b/g	2412~2462MHz / 11 Channels
	IEEE 802.11n (20MHz)	
	IEEE 802.11n (40MHz)	2422~2452MHz / 7 Channels
Type of Modulation	IEEE 802.11b	Direct Sequence Spread Spectrum
	IEEE 802.11g/n	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11b	1, 2, 5.5, 11Mbps
	IEEE 802.11g	6, 9, 12,18, 24, 36, 48,54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n
HW version	MB120DS	

Antenna Information	
antenna Type	PIFA antenna
antenna Gain	Ant 0: 3.75 dBi Ant 1: 4.50 dBi

Accessories Information	
Power Plugs	1 Set
IR Extender	1 Set
Tripod	1 Set
Remote Control	1 Set
Battery	1 Set

IEEE 802.11n

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

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

Table 1 – MCS parameters for TX antenna number = 1

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

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

Table 2 – MCS parameters for TX antenna number = 2

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

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

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

IEEE 802.11n (40MHz)

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

Note:

1. This device is a UHD751-P including 2.4GHz b/g/n (2x2), BT2.0, BT4.0 and 5GHz a/n (2x2) transmitting and receiving function.
2. Regards to the frequency band operation; the lowest , middle and highest frequency of channel were selected to perform the test, and then shown on this report.

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: Tx_SISO Mode Mode 2: Tx_MIMO Mode
----	--

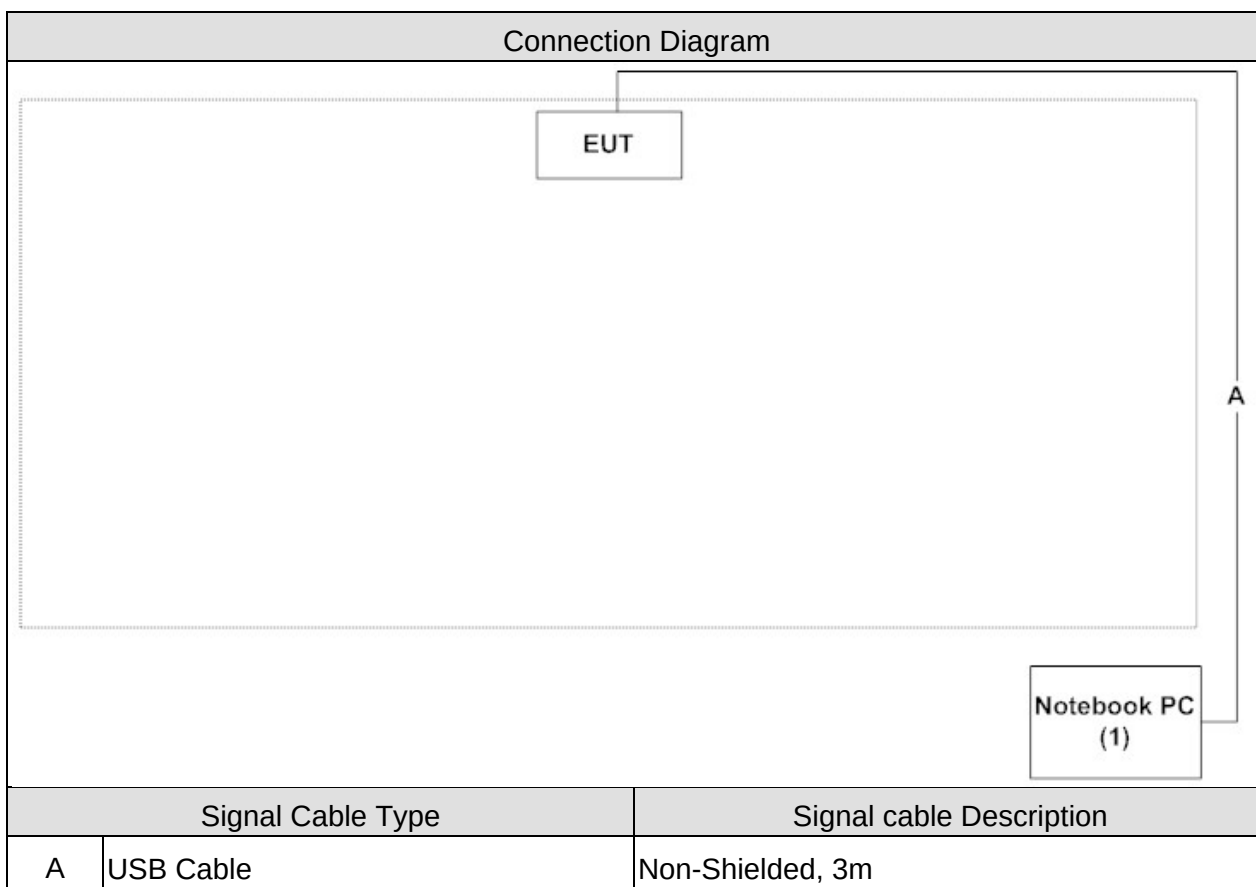
Test Items	Modulation	Channel	antenna	Result
Conducted Emission	11n(40MHz)	6	0+1	Complies
Peak Power Output	11b/g	1/ 6/ 11	0/1	Complies
	11n(20MHz)	1/ 6/ 11	0+1	Complies
	11n(40MHz)	3/ 6/ 9	0+1	Complies
Radiated Emission	11b/g	1/ 6/ 11	0+1	Complies
	11n(20MHz)	1/ 6/ 11	0+1	Complies
	11n(40MHz)	3/ 6/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

1.3. Tested System Details

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

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1 Notebook PC	ASUS	X522EP	E5N0CV04326 4197	DoC	Non-Shielded, 1.8m, one ferrite core bonded

1.4. Configuration of tested System



1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the test program "MTool-2.0.2.1.exe".
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°C	3
Humidity (%RH)		25 - 75	50%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output	15 - 35	25°C	3
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission	15 - 35	25°C	2
Humidity (%RH)		25 - 75	65%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test	15 - 35	25°C	3
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Band Edge	15 - 35	25°C	2
Humidity (%RH)		25 - 75	48%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 DTS Bandwidth	15 - 35	25°C	3
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth	15 - 35	25°C	3
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 C 15.247 Power Density	15 - 35	25°C	3
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	

Note: Test Site information refers to Laboratory Information.

Laboratory Information

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

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

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

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

- 1 No. 75-2, 3rd Lin, WangYe Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan (R.O.C.)
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : info.tw@dekra.com
- 2 No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
TEL: +886-3-582-8001 / FAX: +886-3-582-8958 E-Mail : info.tw@dekra.com
- 3 No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
TEL: +886-3-582-8001 / FAX: +886-3-582-8958 E-Mail : info.tw@dekra.com

2. Conducted Emission

2.1. Test Equipment

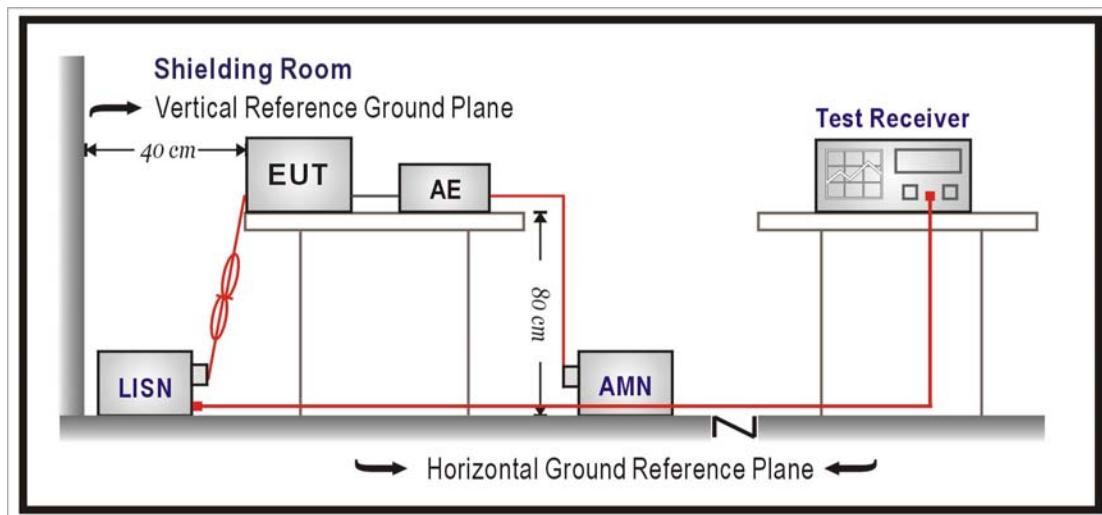
The following test equipments are used during the test:

Conducted Emission / SR2-H

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

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

2.2. Test Setup



2.3. Limits

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

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

2.4. Test Procedure

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

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

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

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

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

2.5. Test Specification

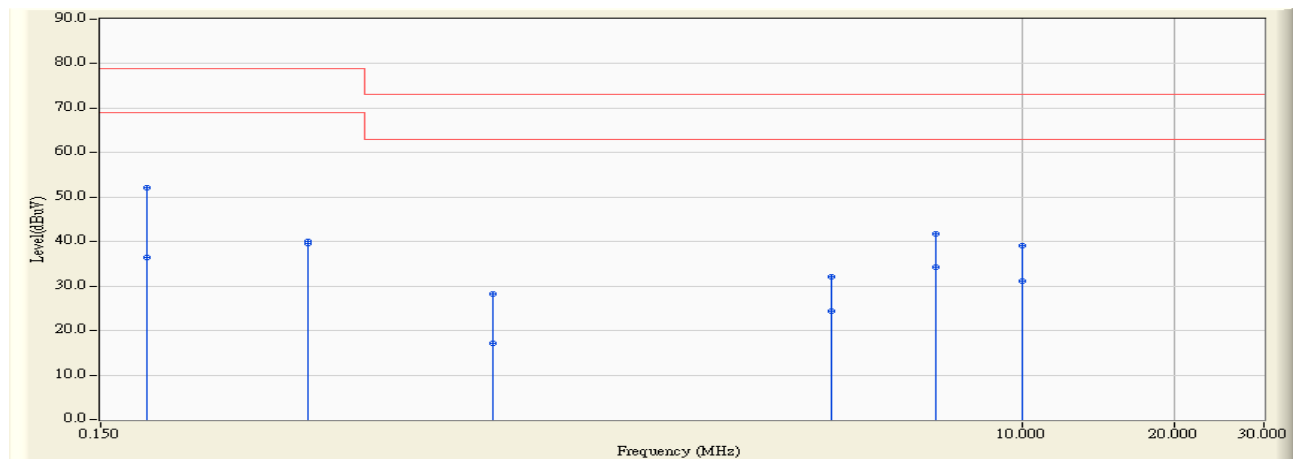
According to FCC Part 15 Subpart C Paragraph 15.207: 2015

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR2-H	Time : 2017/08/09
Limit : CISPR_A_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-6_0712 - Line1	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

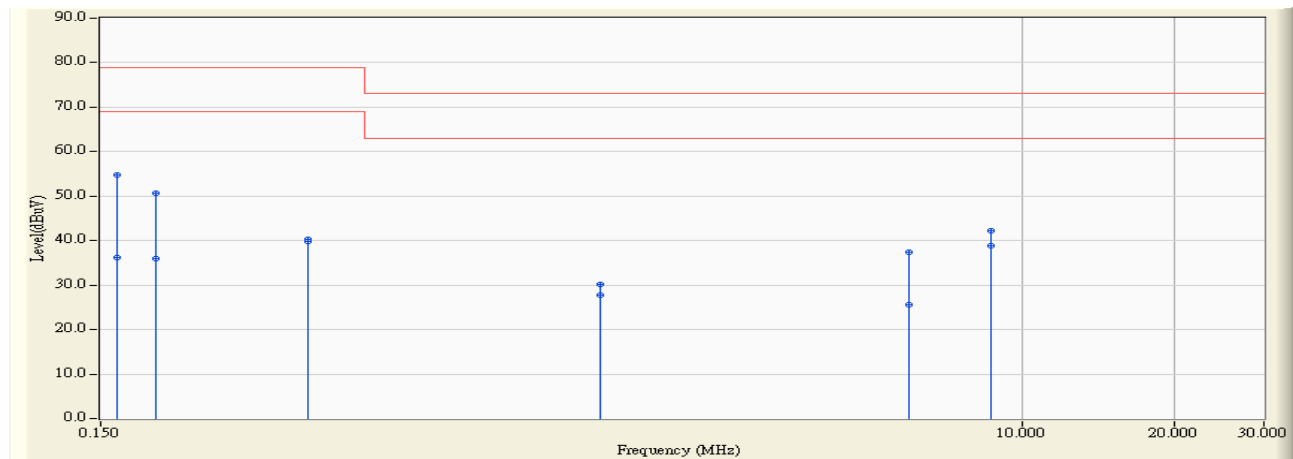


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.185	9.751	42.460	52.211	-26.789	79.000	QUASIPeAK
2		0.185	9.751	26.800	36.551	-29.449	66.000	AVERAGE
3		0.384	9.732	30.240	39.972	-39.028	79.000	QUASIPeAK
4		0.384	9.732	29.800	39.532	-26.468	66.000	AVERAGE
5		0.896	9.801	18.440	28.241	-44.759	73.000	QUASIPeAK
6		0.896	9.801	7.380	17.181	-42.819	60.000	AVERAGE
7		4.197	9.920	22.060	31.980	-41.020	73.000	QUASIPeAK
8		4.197	9.920	14.490	24.410	-35.590	60.000	AVERAGE
9		6.752	9.995	31.780	41.775	-31.225	73.000	QUASIPeAK
10	*	6.752	9.995	24.180	34.175	-25.825	60.000	AVERAGE
11		9.978	10.129	28.870	38.999	-34.001	73.000	QUASIPeAK
12		9.978	10.129	20.910	31.039	-28.961	60.000	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 : 2017/08/09
Limit : CISPR_A_00M_QP	Margin : 10
Probe : SR2_LISN(16A)-6_0712 - Line2	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.754	45.060	54.814	-24.186	79.000	QUASIPeAK
2		0.162	9.754	26.420	36.174	-29.826	66.000	AVERAGE
3		0.193	9.751	40.800	50.551	-28.449	79.000	QUASIPeAK
4		0.193	9.751	26.140	35.891	-30.109	66.000	AVERAGE
5		0.384	9.750	30.630	40.380	-38.620	79.000	QUASIPeAK
6		0.384	9.750	30.020	39.770	-26.230	66.000	AVERAGE
7		1.462	9.834	20.390	30.224	-42.776	73.000	QUASIPeAK
8		1.462	9.834	17.830	27.664	-32.336	60.000	AVERAGE
9		5.943	9.914	27.420	37.333	-35.667	73.000	QUASIPeAK
10		5.943	9.914	15.710	25.623	-34.377	60.000	AVERAGE
11		8.642	10.071	32.240	42.311	-30.689	73.000	QUASIPeAK
12	*	8.642	10.071	28.660	38.731	-21.269	60.000	AVERAGE

Note:

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

3. Peak Power Output

3.1. Test Equipment

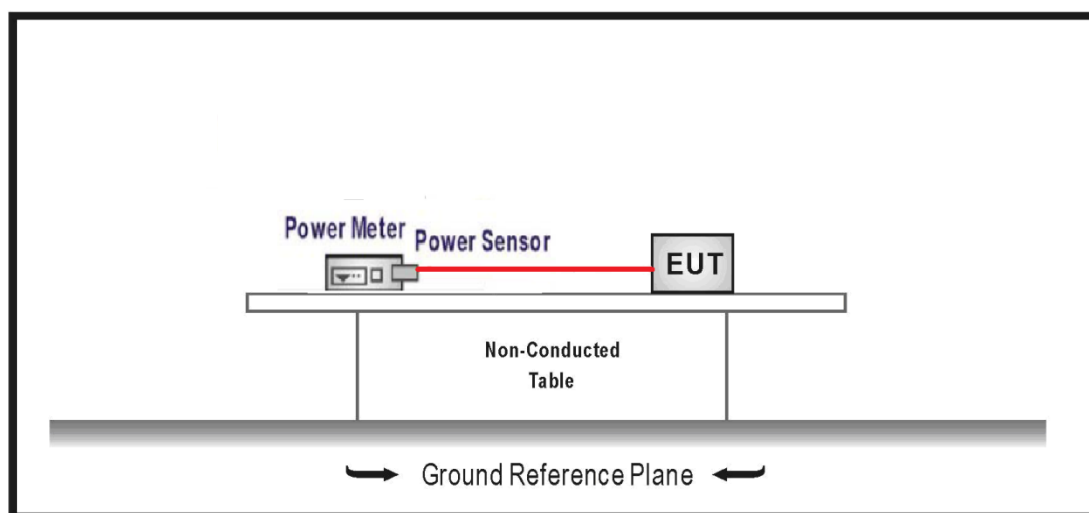
The following test equipments are used during the test:

Peak Power Output / SR10-H

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

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

3.2. Test Setup



3.3. Test procedures

The EUT was tested according to DTS test procedure section 9.1.2 of KDB558074 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	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11b (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	16.970	≤ 30
6	2437	16.830	≤ 30
11	2462	16.370	≤ 30

The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	16.970	--	--	--	≤ 30
6	2437	16.830	16.800	16.780	16.720	≤ 30
11	2462	16.370	--	--	--	≤ 30

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11b (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	17.140	≤ 30
6	2437	16.960	≤ 30
11	2462	16.750	≤ 30

The worst emission of data rate is 1Mbps

Peak Power Output (dBm)						
Channel No	Frequency (MHz)	Data Rate (Mbps)				Required Limit
		1	2	5.5	11	
1	2412	17.140	--	--	--	≤ 30
6	2437	16.960	16.930	16.880	16.860	≤ 30
11	2462	16.750	--	--	--	≤ 30

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2016/12/21	Test Site	SR10-H

IEEE 802.11g (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	24.690	≤ 30
6	2437	24.380	≤ 30
11	2462	22.870	≤ 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	24.690	--	--	--	--	--	--	≤ 30
6	2437	24.380	24.320	24.280	24.230	24.200	23.990	23.910	≤ 30
11	2462	22.870	--	--	--	--	--	--	≤ 30

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11g (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	24.190	≤ 30
6	2437	24.630	≤ 30
11	2462	24.090	≤ 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	24.190	--	--	--	--	--	--	≤ 30
6	2437	24.630	24.600	24.550	24.510	24.210	24.110	24.010	≤ 30
11	2462	24.090	--	--	--	--	--	--	≤ 30

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n20 (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	21.200	≤ 28.54
6	2437	20.310	≤ 28.54
11	2462	19.840	≤ 28.54

The worst emission of data rate is MCS8.

Channel No	Frequency (MHz)	MCS Index								Required Limit
		8	9	10	11	12	13	14	15	
1	2412	21.200	--	--	--	--	--	--	--	≤ 28.54
6	2437	20.310	20.270	20.220	20.140	20.100	20.040	19.910	19.780	≤ 28.54
11	2462	19.840	--	--	--	--	--	--	--	≤ 28.54

Direction antenna $= 4.45 + 10\log(2) = 4.45 + 3.01 = 7.46$ dBi

Limit = 30 dBm $-(7.46-6) = 28.54$ dBm

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n20 (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	20.590	≤ 28.54
6	2437	19.730	≤ 28.54
11	2462	20.420	≤ 28.54

The worst emission of data rate is MCS8.

Channel No	Frequency (MHz)	MCS Index								Required Limit
		8	9	10	11	12	13	14	15	
1	2412	20.590	--	--	--	--	--	--	--	≤ 28.54
6	2437	19.730	19.680	19.600	19.540	19.340	19.210	19.110	19.010	≤ 28.54
11	2462	20.420	--	--	--	--	--	--	--	≤ 28.54

Direction antenna $= 4.45 + 10\log(2) = 4.45 + 3.01 = 7.46$ dBi

Limit = 30 dBm $-(7.46-6) = 28.54$ dBm

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n20 (ANT 0+1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
1	2412	23.916	≤ 28.54
6	2437	23.040	≤ 28.54
11	2462	23.150	≤ 28.54

Direction antenna $= 4.45 + 10\log(2) = 4.45 + 3.01 = 7.46$ dBi

Limit = 30 dBm $-(7.46-6) = 28.54$ dBm

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n40 (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	18.420	≤ 28.54
6	2437	20.120	≤ 28.54
9	2452	19.900	≤ 28.54

The worst emission of data rate is MCS8.

Channel No	Frequency (MHz)	MCS Index								Required Limit
		8	9	10	11	12	13	14	15	
3	2422	18.420	--	--	--	--	--	--	--	≤ 28.54
6	2437	20.120	20.010	19.910	19.820	19.660	19.540	19.340	19.210	≤ 28.54
9	2452	19.900	--	--	--	--	--	--	--	≤ 28.54

Direction antenna $= 4.45 + 10\log(2) = 4.45 + 3.01 = 7.46$ dBi

Limit = 30 dBm $-(7.46-6) = 28.54$ dBm

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n40 (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	17.710	≤ 28.54
6	2437	20.190	≤ 28.54
9	2452	19.660	≤ 28.54

The worst emission of data rate is MCS8.

Channel No	Frequency (MHz)	MCS Index								Required Limit
		8	9	10	11	12	13	14	15	
3	2422	17.710	--	--	--	--	--	--	--	≤ 28.54
6	2437	20.190	20.080	19.880	19.750	19.660	19.340	19.200	19.010	≤ 28.54
9	2452	19.660	--	--	--	--	--	--	--	≤ 28.54

Direction antenna $= 4.45 + 10\log(2) = 4.45 + 3.01 = 7.46$ dBi

Limit = 30 dBm $-(7.46-6) = 28.54$ dBm

Product	UHD751-P		
Test Item	Peak Power Output		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n40 (ANT 0+1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
3	2422	21.090	≤ 28.54
6	2437	23.165	≤ 28.54
9	2452	22.792	≤ 28.54

Direction antenna = $4.45 + 10\log(2) = 4.45 + 3.01 = 7.46$ dBi

Limit = $30 \text{ dBm} - (7.46 - 6) = 28.54$ dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

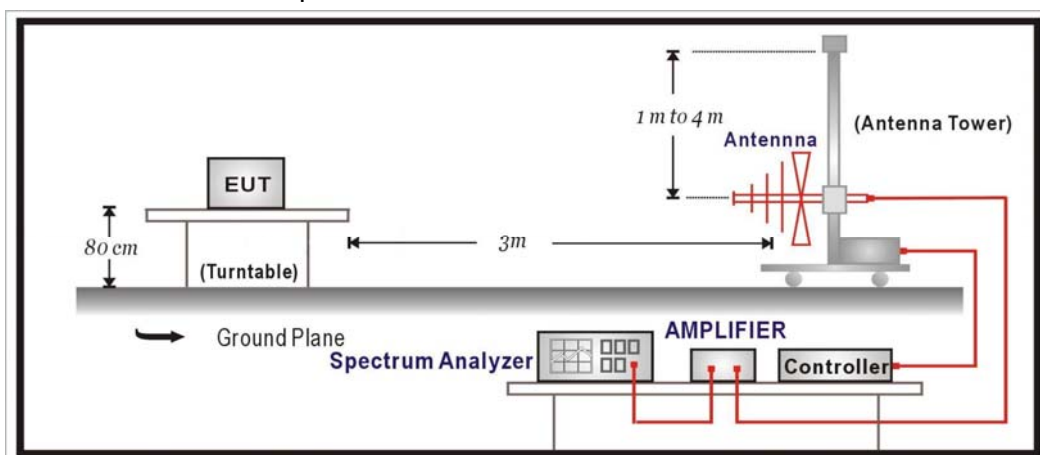
Radiated Emission / CB4-H

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

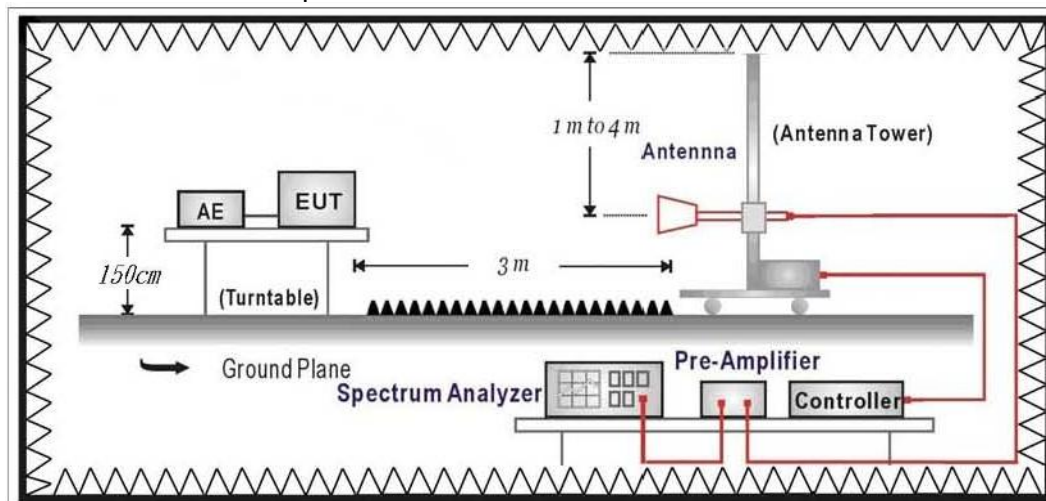
Note: All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

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

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

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

4.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB558074 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 on radiated measurement.

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

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

4.6. Uncertainty

The measurement uncertainty

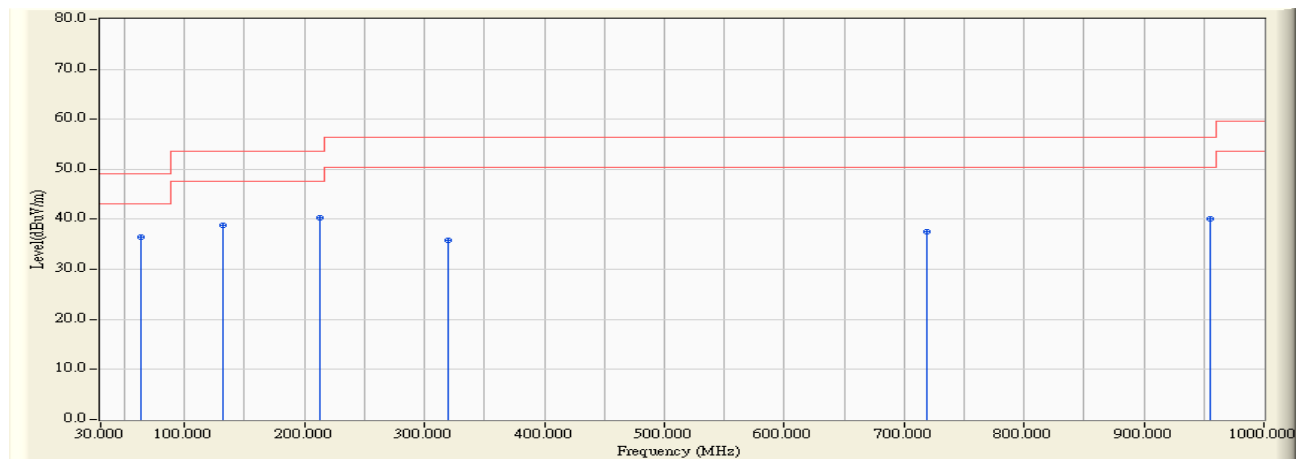
30MHz~1GHz as ± 3.43 dB

1GHz~26.5Ghz as ± 3.65 dB

4.7. Test Result

30MHz-1GHz Spurious

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_2437MHz_Ant0

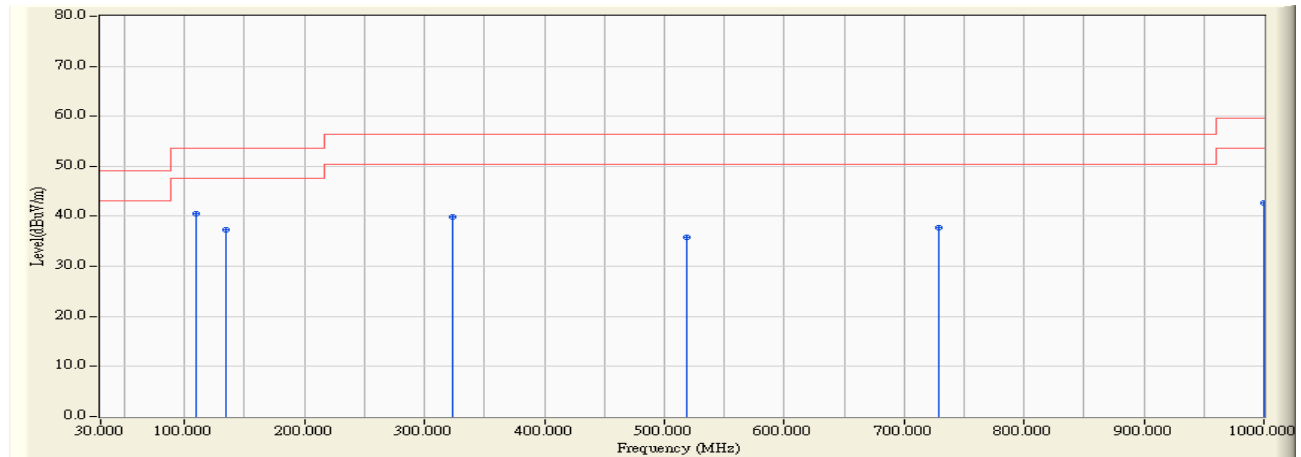


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	63.465	-28.171	64.553	36.382	-12.698	49.080	QUASIPeAK
2		131.365	-21.305	60.134	38.830	-14.690	53.520	QUASIPeAK
3	*	212.845	-22.352	62.774	40.422	-13.098	53.520	QUASIPeAK
4		319.545	-18.931	54.799	35.867	-20.573	56.440	QUASIPeAK
5		718.700	-11.200	48.764	37.564	-18.876	56.440	QUASIPeAK
6		954.895	-7.365	47.546	40.181	-16.259	56.440	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2437MHz_ Ant0

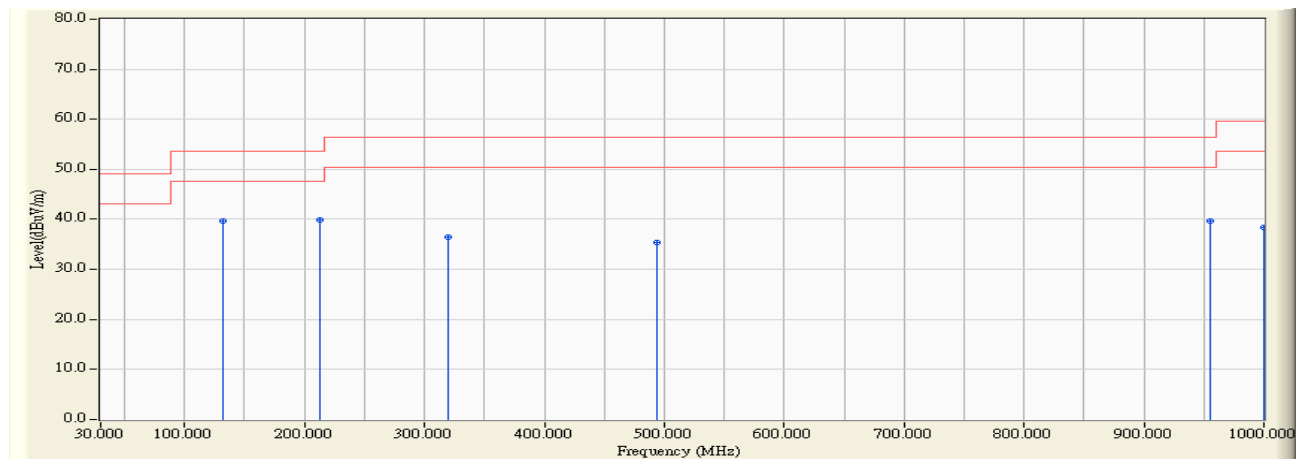


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	109.055	-22.347	62.919	40.573	-12.947	53.520	QUASIPeAK
2		134.275	-21.402	58.730	37.329	-16.191	53.520	QUASIPeAK
3		323.910	-18.677	58.540	39.862	-16.578	56.440	QUASIPeAK
4		518.395	-13.561	49.277	35.716	-20.724	56.440	QUASIPeAK
5		729.370	-10.583	48.291	37.709	-18.731	56.440	QUASIPeAK
6		1000.000	-6.643	49.390	42.747	-16.793	59.540	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2437MHz_ Ant1

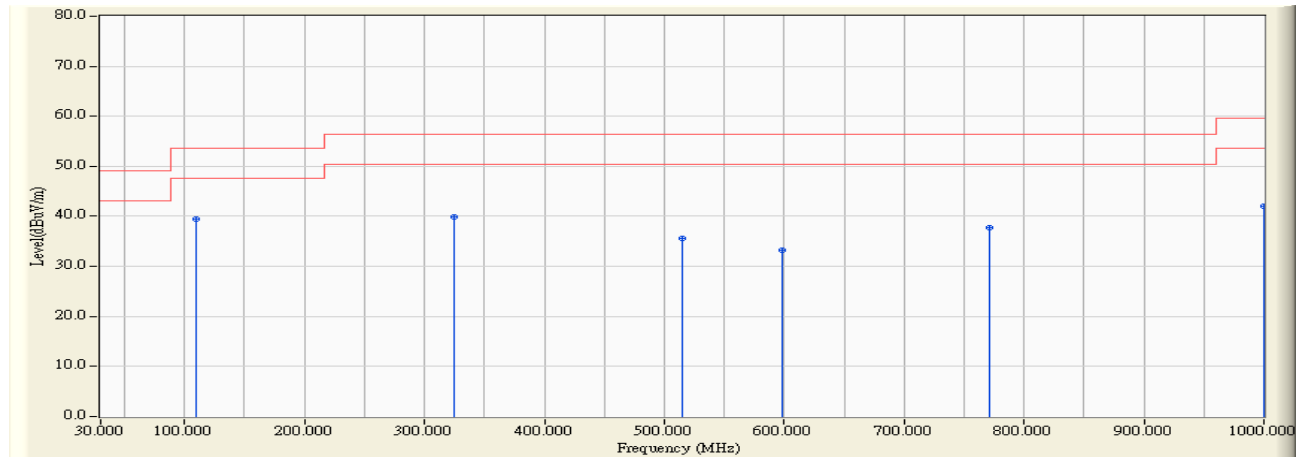


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	131.365	-21.305	60.918	39.614	-13.906	53.520	QUASIPeAK
2	* 213.330	-22.332	62.137	39.805	-13.715	53.520	QUASIPeAK
3	319.545	-18.931	55.381	36.449	-19.991	56.440	QUASIPeAK
4	494.145	-14.133	49.506	35.374	-21.066	56.440	QUASIPeAK
5	954.895	-7.365	47.099	39.734	-16.706	56.440	QUASIPeAK
6	1000.000	-6.643	45.107	38.464	-21.076	59.540	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2437MHz_ Ant1

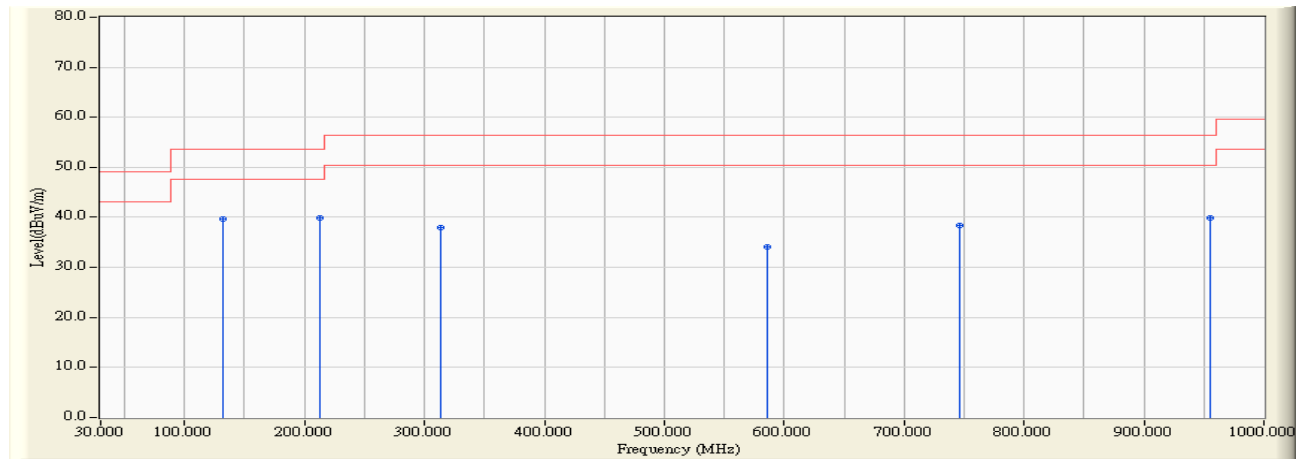


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	109.055	-22.347	61.722	39.376	-14.144	53.520	QUASIPeAK
2		324.395	-18.648	58.484	39.836	-16.604	56.440	QUASIPeAK
3		515.000	-13.573	49.087	35.514	-20.926	56.440	QUASIPeAK
4		598.905	-12.753	46.102	33.349	-23.091	56.440	QUASIPeAK
5		771.565	-10.309	48.045	37.736	-18.704	56.440	QUASIPeAK
6		1000.000	-6.643	48.660	42.017	-17.523	59.540	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_ Ant0

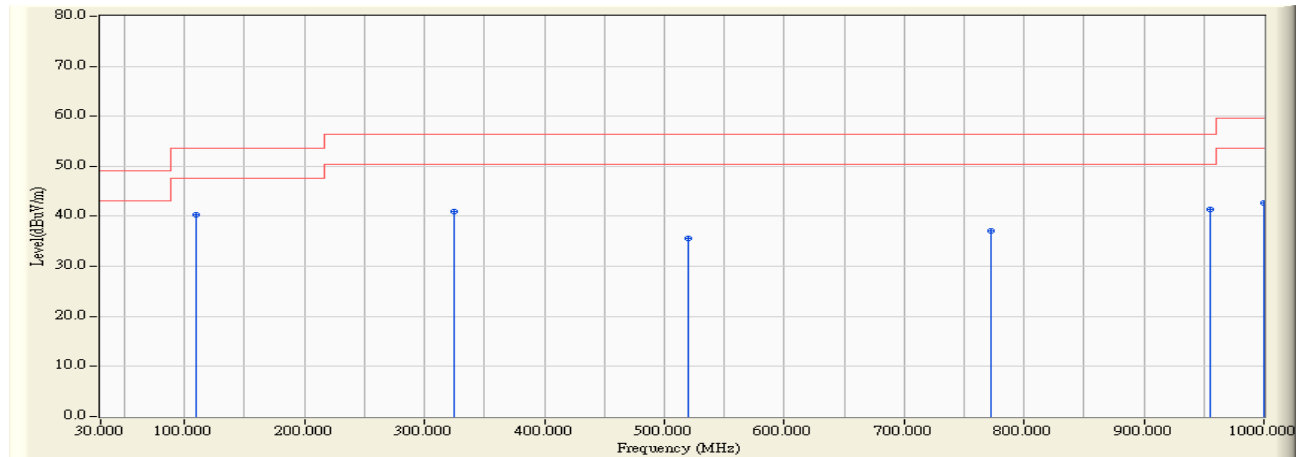


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	131.365	-21.305	60.902	39.598	-13.922	53.520	QUASIPeAK
2	* 212.360	-22.372	62.299	39.927	-13.593	53.520	QUASIPeAK
3	313.240	-19.134	57.149	38.015	-18.425	56.440	QUASIPeAK
4	585.325	-13.358	47.374	34.016	-22.424	56.440	QUASIPeAK
5	746.830	-11.144	49.509	38.365	-18.075	56.440	QUASIPeAK
6	954.895	-7.365	47.299	39.934	-16.506	56.440	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_ Ant0

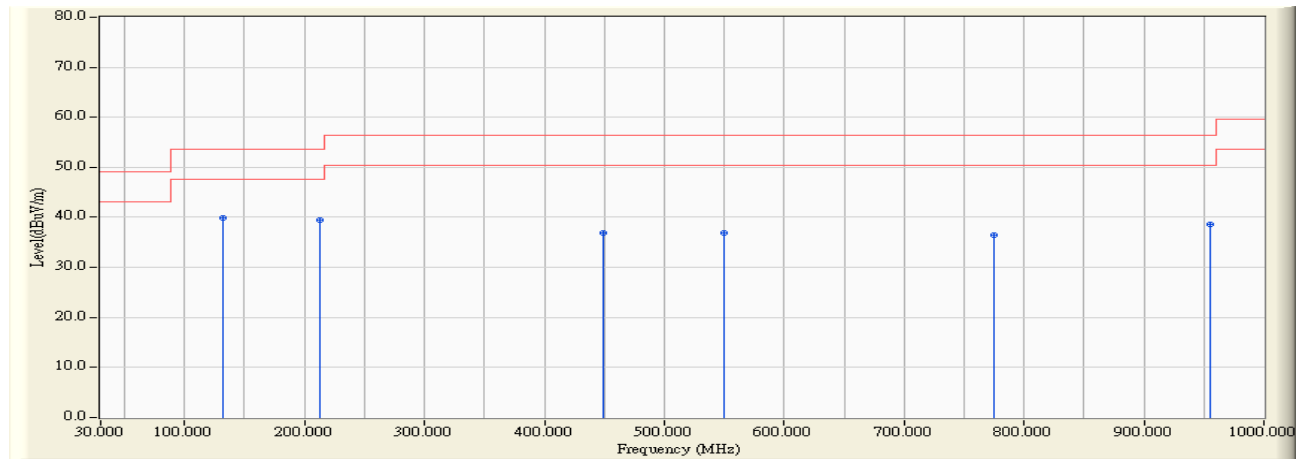


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	109.055	-22.347	62.640	40.294	-13.226	53.520	QUASIPeAK
2		324.395	-18.648	59.626	40.978	-15.462	56.440	QUASIPeAK
3		519.365	-13.558	49.139	35.581	-20.859	56.440	QUASIPeAK
4		772.535	-10.223	47.409	37.186	-19.254	56.440	QUASIPeAK
5		954.895	-7.365	48.847	41.482	-14.958	56.440	QUASIPeAK
6		1000.000	-6.643	49.296	42.653	-16.887	59.540	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_ Ant1

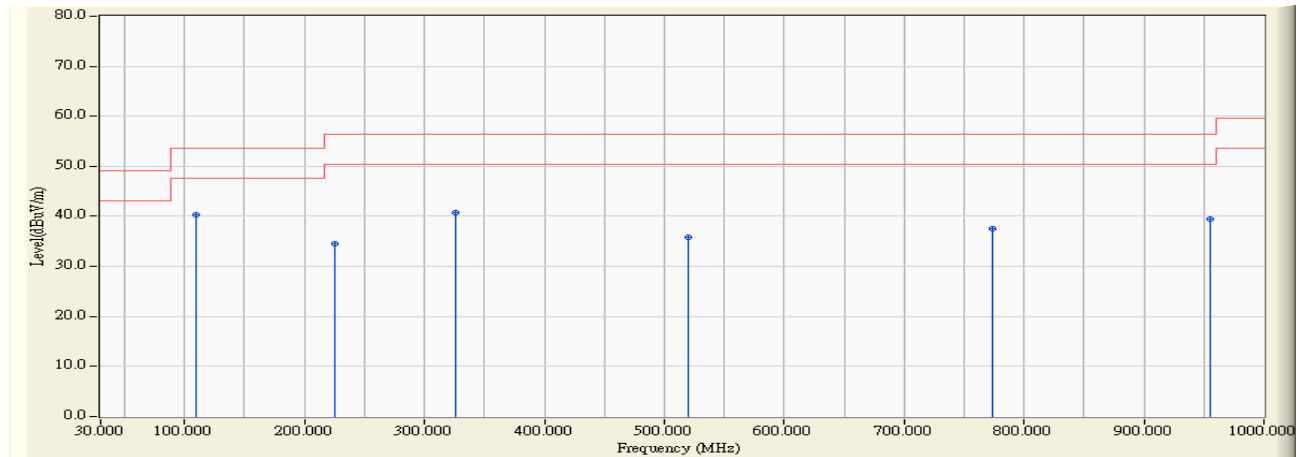


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	131.365	-21.305	61.101	39.797	-13.723	53.520	QUASIPeak
2		212.360	-22.372	61.889	39.517	-14.003	53.520	QUASIPeak
3		448.555	-14.733	51.720	36.987	-19.453	56.440	QUASIPeak
4		549.435	-13.199	50.093	36.894	-19.546	56.440	QUASIPeak
5		774.475	-10.050	46.410	36.360	-20.080	56.440	QUASIPeak
6		954.895	-7.365	46.065	38.700	-17.740	56.440	QUASIPeak

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_ Ant1

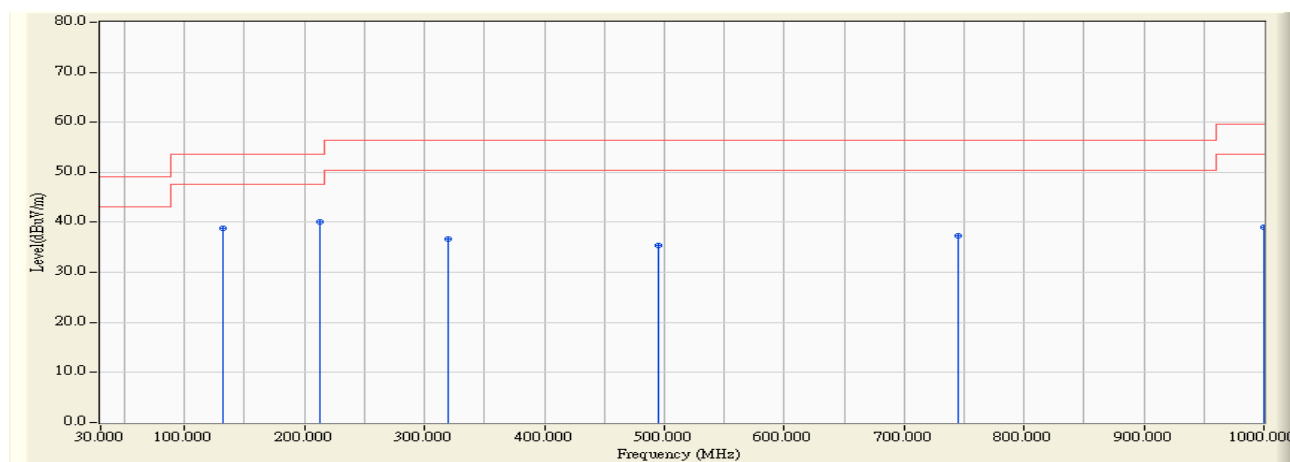


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	109.540	-22.291	62.620	40.329	-13.191	53.520	QUASIPeAK
2		224.970	-21.733	56.181	34.449	-21.991	56.440	QUASIPeAK
3		325.365	-18.589	59.424	40.836	-15.604	56.440	QUASIPeAK
4		519.850	-13.556	49.459	35.902	-20.538	56.440	QUASIPeAK
5		773.990	-10.094	47.581	37.488	-18.952	56.440	QUASIPeAK
6		954.895	-7.365	46.898	39.533	-16.907	56.440	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2437MHz

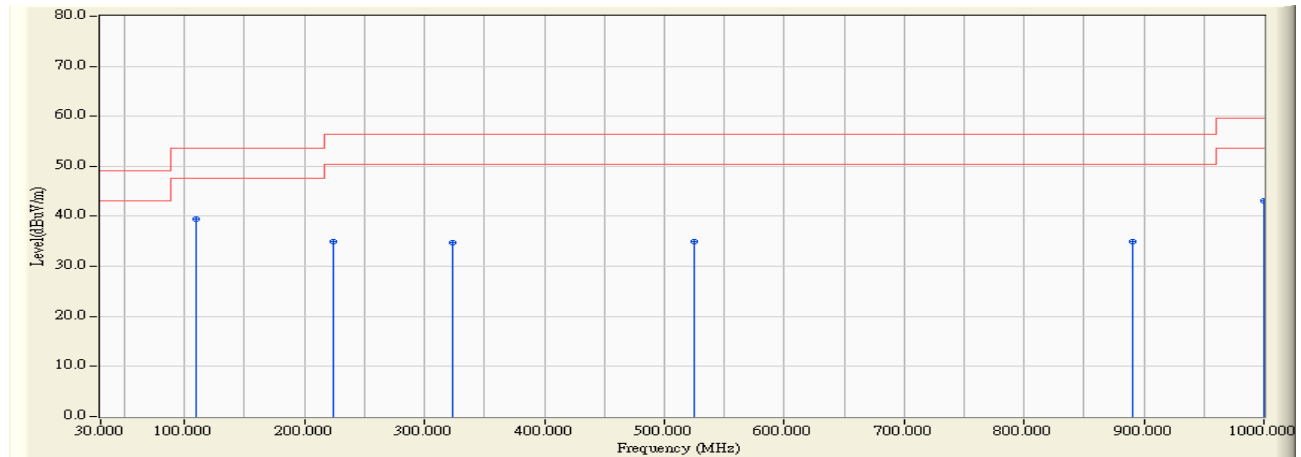


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		131.365	-21.305	60.202	38.898	-14.622	53.520	QUASIPeAK
2	*	212.845	-22.352	62.519	40.167	-13.353	53.520	QUASIPeAK
3		319.545	-18.931	55.619	36.687	-19.753	56.440	QUASIPeAK
4		495.115	-14.118	49.407	35.289	-21.151	56.440	QUASIPeAK
5		745.375	-11.037	48.417	37.380	-19.060	56.440	QUASIPeAK
6		1000.000	-6.643	45.656	39.013	-20.527	59.540	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2437MHz

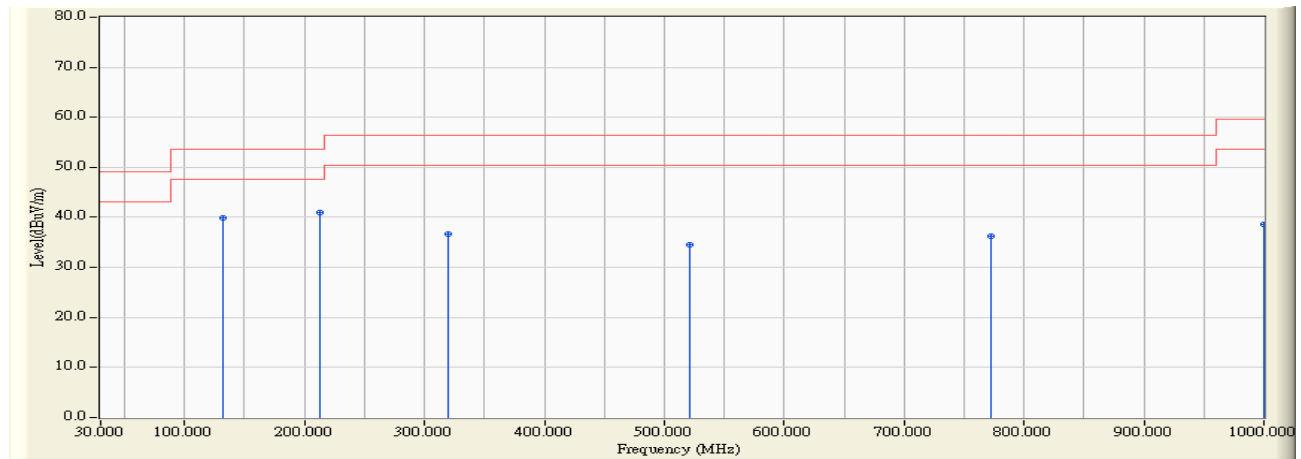


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	109.540	-22.291	61.693	39.402	-14.118	53.520	QUASIPeAK
2		224.000	-21.795	56.842	35.047	-21.393	56.440	QUASIPeAK
3		323.910	-18.677	53.502	34.824	-21.616	56.440	QUASIPeAK
4		524.700	-13.725	48.684	34.960	-21.480	56.440	QUASIPeAK
5		890.390	-8.319	43.370	35.050	-21.390	56.440	QUASIPeAK
6		1000.000	-6.643	49.781	43.138	-16.402	59.540	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

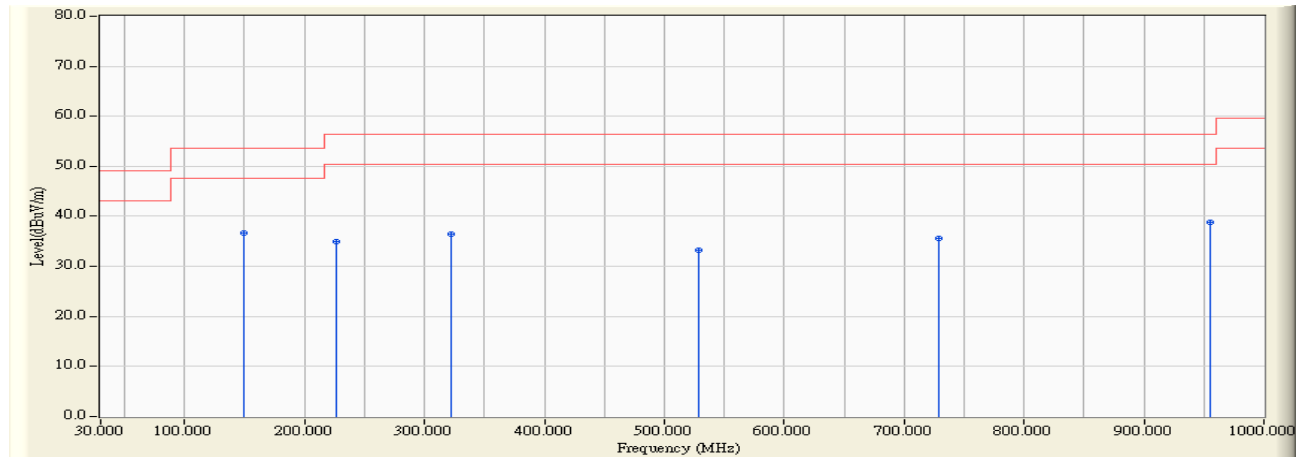


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	131.365	-21.305	61.203	39.899	-13.621	53.520	QUASIPeAK
2	* 212.360	-22.372	63.385	41.013	-12.507	53.520	QUASIPeAK
3	319.545	-18.931	55.677	36.745	-19.695	56.440	QUASIPeAK
4	520.820	-13.583	48.160	34.578	-21.862	56.440	QUASIPeAK
5	772.050	-10.267	46.547	36.281	-20.159	56.440	QUASIPeAK
6	1000.000	-6.643	45.301	38.658	-20.882	59.540	QUASIPeAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_CLASS_A_03M_QP	Margin : 6
Probe : CB4_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz



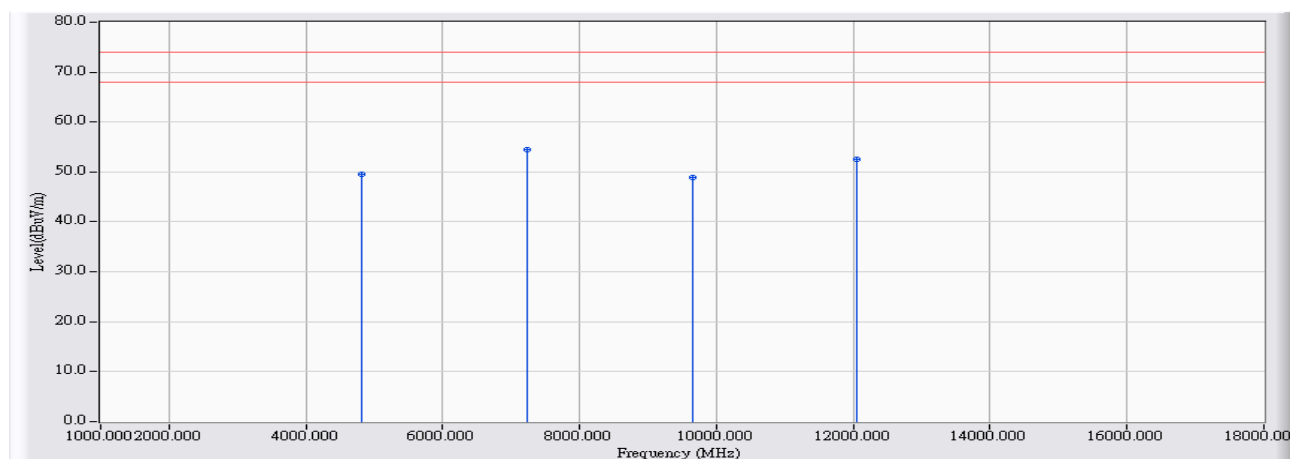
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	149.310	-22.162	58.861	36.698	-16.822	53.520	QUASIPeAK
2		226.425	-21.637	56.497	34.860	-21.580	56.440	QUASIPeAK
3		322.455	-18.767	55.200	36.433	-20.007	56.440	QUASIPeAK
4		528.095	-13.848	47.024	33.175	-23.265	56.440	QUASIPeAK
5		728.885	-10.609	46.191	35.583	-20.857	56.440	QUASIPeAK
6		954.895	-7.365	46.288	38.923	-17.517	56.440	QUASIPeAK

Note:

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

Above 1GHz Spurious

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2412MHz_ Ant0

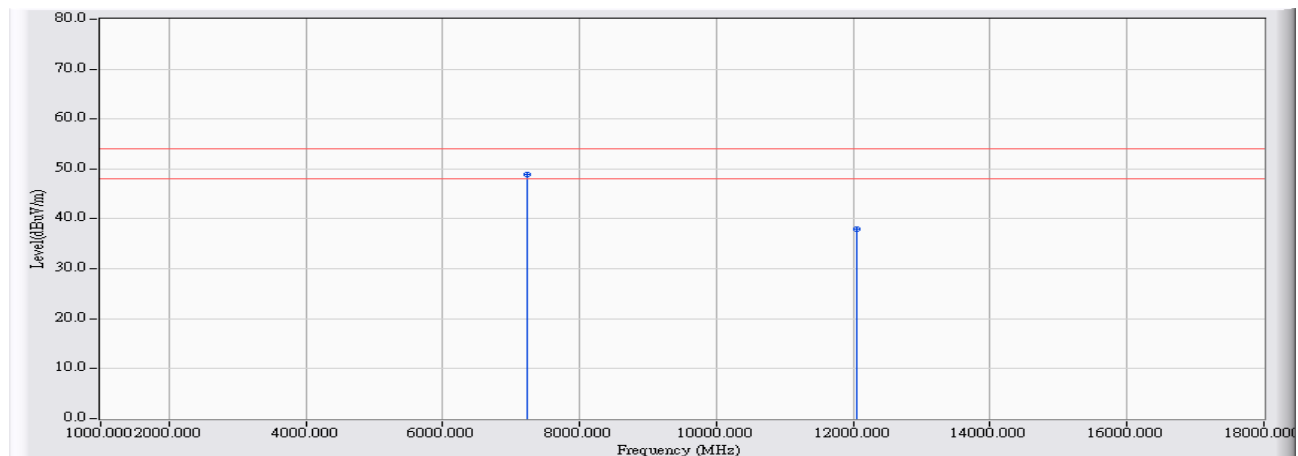


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	49.800	49.581	-24.419	74.000	PEAK
2	*	7236.000	7.127	47.260	54.387	-19.613	74.000	PEAK
3		9648.000	12.587	36.280	48.867	-25.133	74.000	PEAK
4		12060.000	15.339	37.120	52.458	-21.542	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2412MHz_ Ant0

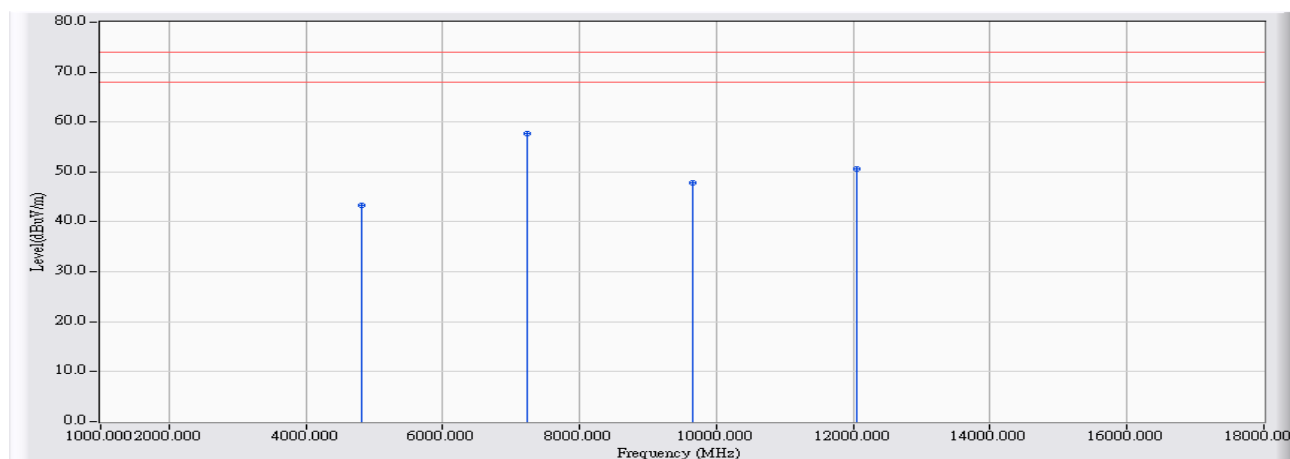


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	7.127	41.830	48.957	-5.043	54.000	AVERAGE
2		12060.000	15.339	22.700	38.038	-15.962	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHH751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2412MHz_ Ant0

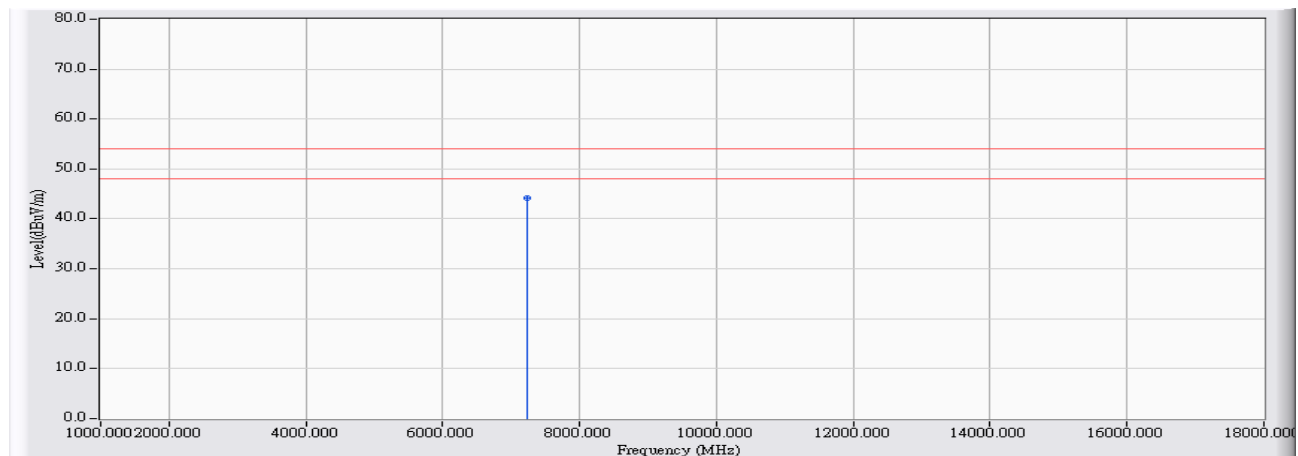


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4823.847	-0.219	43.501	43.282	-30.718	74.000	PEAK
2	*	7236.000	7.127	50.591	57.718	-16.282	74.000	PEAK
3		9648.007	12.587	35.286	47.873	-26.127	74.000	PEAK
4		12059.851	15.339	35.182	50.521	-23.479	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2412MHz_Ant0

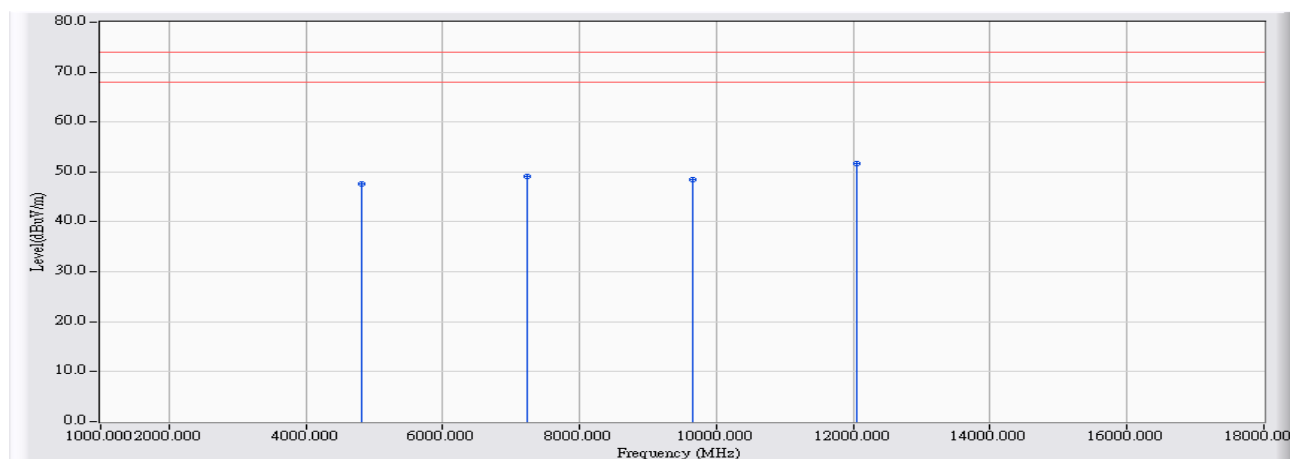


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	7.127	37.070	44.197	-29.803	74.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2412MHz_Ant1

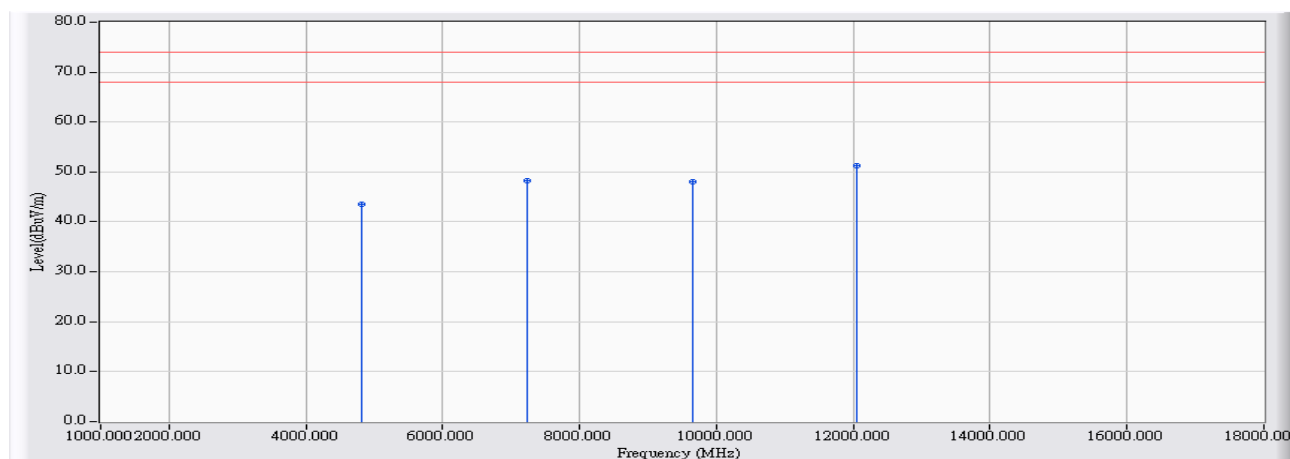


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	47.840	47.621	-26.379	74.000	PEAK
2		7236.000	7.127	42.020	49.147	-24.853	74.000	PEAK
3		9648.000	12.587	35.850	48.437	-25.563	74.000	PEAK
4	*	12060.000	15.339	36.450	51.788	-22.212	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2412MHz_Ant1

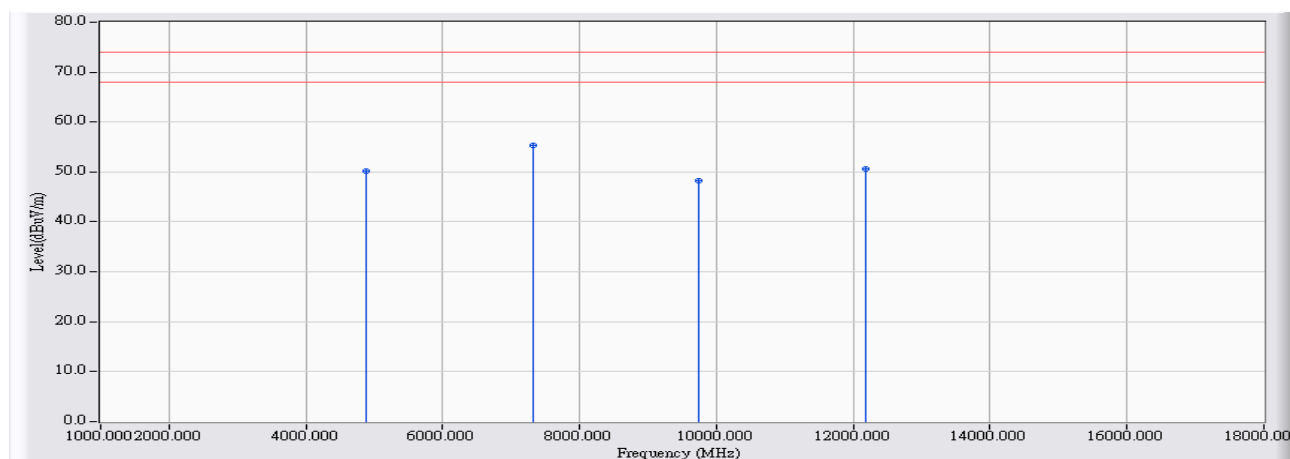


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	43.710	43.491	-30.509	74.000	PEAK
2		7236.000	7.127	41.160	48.287	-25.713	74.000	PEAK
3		9648.000	12.587	35.390	47.977	-26.023	74.000	PEAK
4	*	12060.000	15.339	36.010	51.348	-22.652	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2437MHz_Ant0

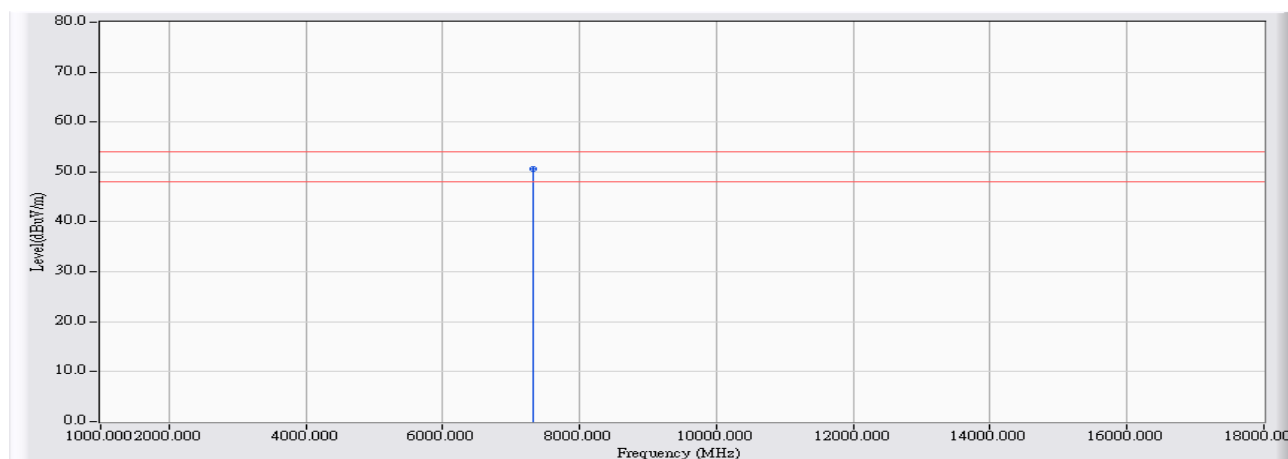


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	-0.140	50.420	50.279	-23.721	74.000	PEAK
2	* 7311.000	7.405	47.930	55.334	-18.666	74.000	PEAK
3	9748.000	12.853	35.450	48.303	-25.697	74.000	PEAK
4	12185.000	14.904	35.720	50.624	-23.376	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2437MHz_Ant0

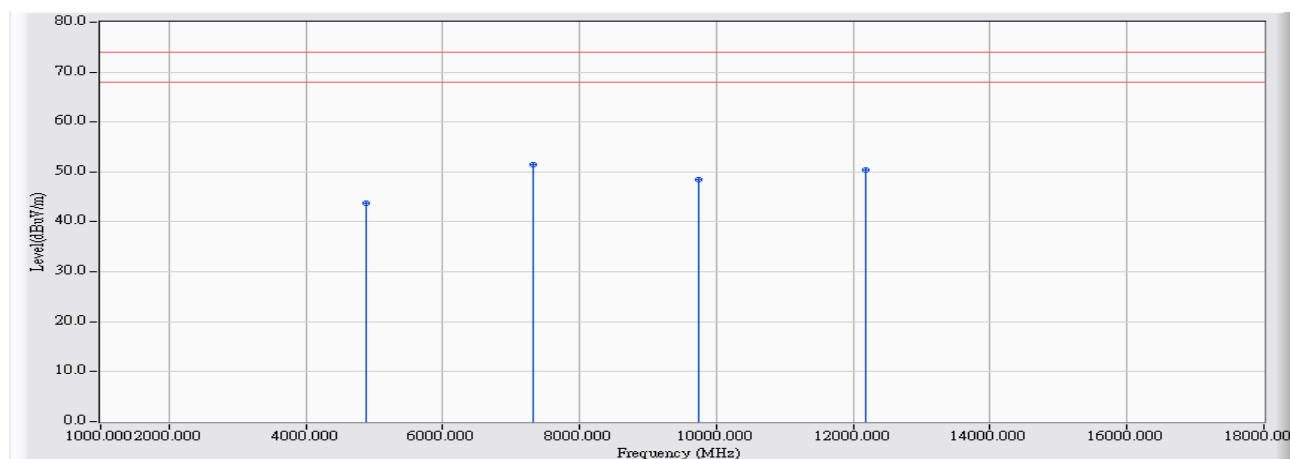


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7311.000	7.405	43.130	50.534	-3.466	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2437MHz_Ant0

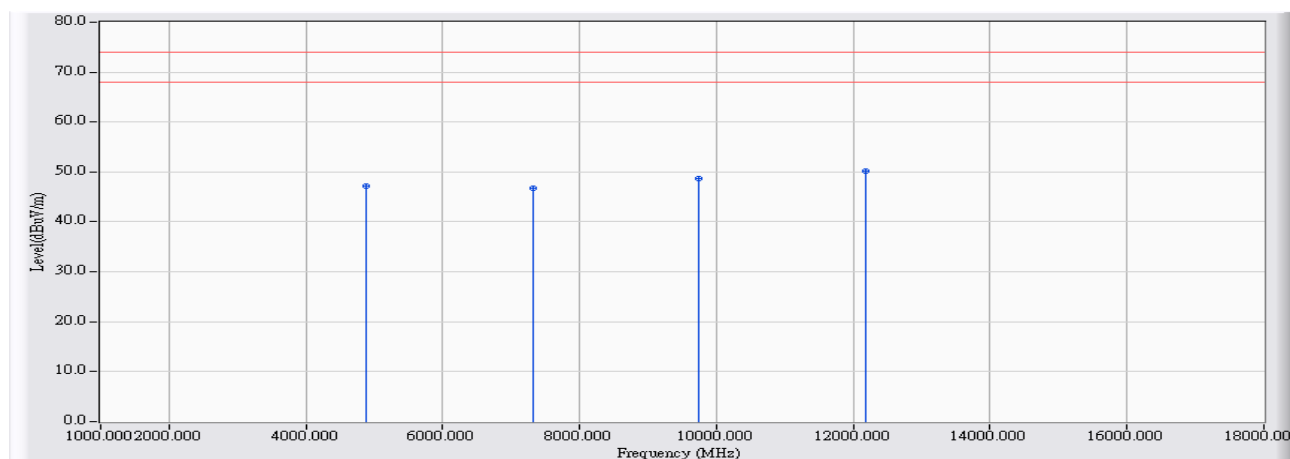


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4874.000	-0.140	43.920	43.779	-30.221	74.000	PEAK
2	* 7311.000	7.405	44.140	51.544	-22.456	74.000	PEAK
3	9748.000	12.853	35.560	48.413	-25.587	74.000	PEAK
4	12185.000	14.904	35.490	50.394	-23.606	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2437MHz_Ant1

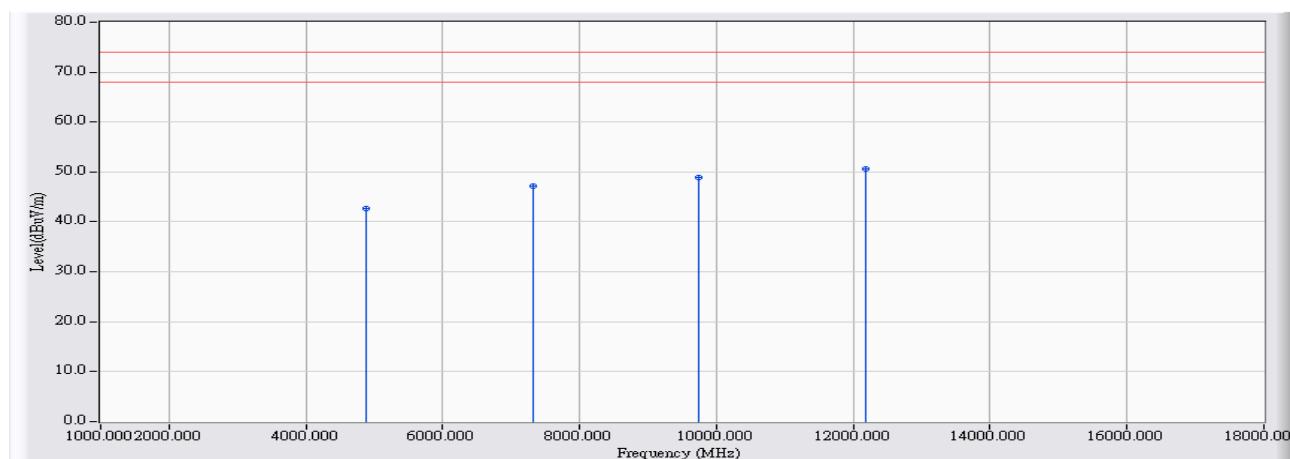


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.140	47.300	47.159	-26.841	74.000	PEAK
2		7311.000	7.405	39.340	46.744	-27.256	74.000	PEAK
3		9748.000	12.853	35.800	48.653	-25.347	74.000	PEAK
4	*	12185.000	14.904	35.300	50.204	-23.796	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2437MHz_Ant1

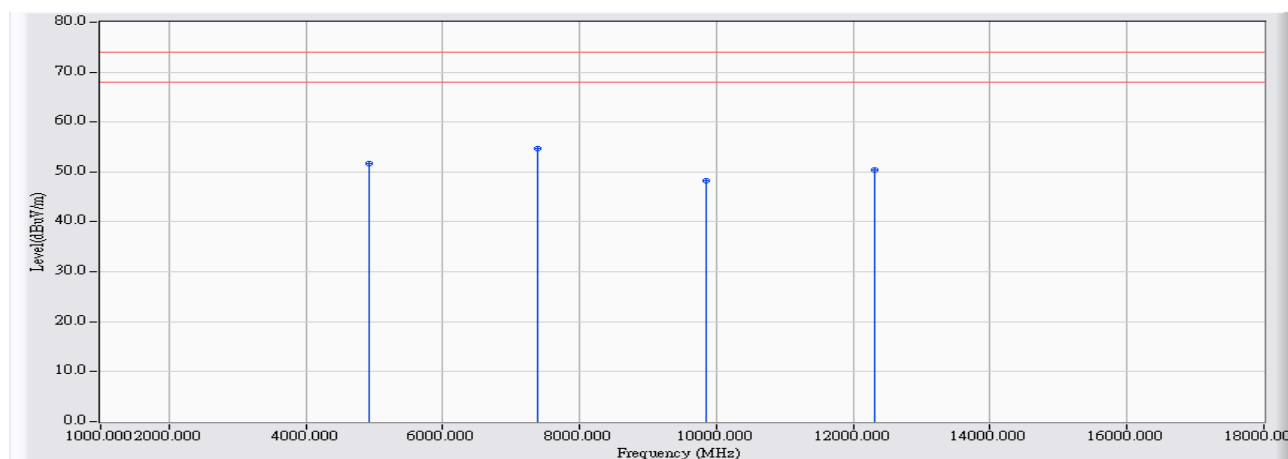


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.140	42.800	42.659	-31.341	74.000	PEAK
2		7311.000	7.405	39.680	47.084	-26.916	74.000	PEAK
3		9748.000	12.853	36.130	48.983	-25.017	74.000	PEAK
4	*	12185.000	14.904	35.630	50.534	-23.466	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2462MHz_ Ant0

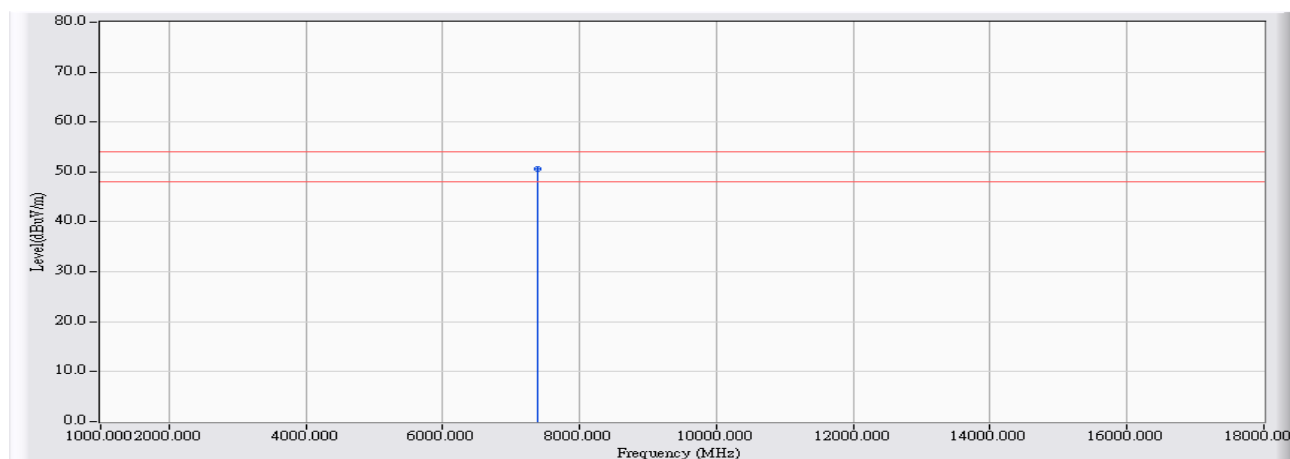


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	51.660	51.584	-22.416	74.000	PEAK
2	*	7386.000	7.675	46.930	54.604	-19.396	74.000	PEAK
3		9848.000	12.989	35.220	48.209	-25.791	74.000	PEAK
4		12310.000	15.096	35.240	50.336	-23.664	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2462MHz_Ant0

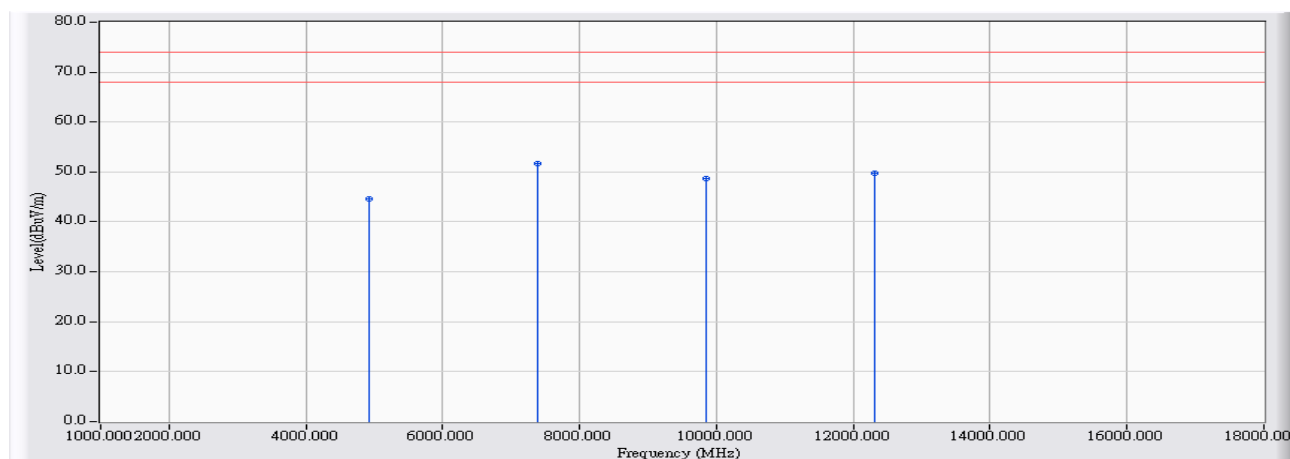


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7386.000	7.675	43.010	50.684	-3.316	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2462MHz_ Ant0

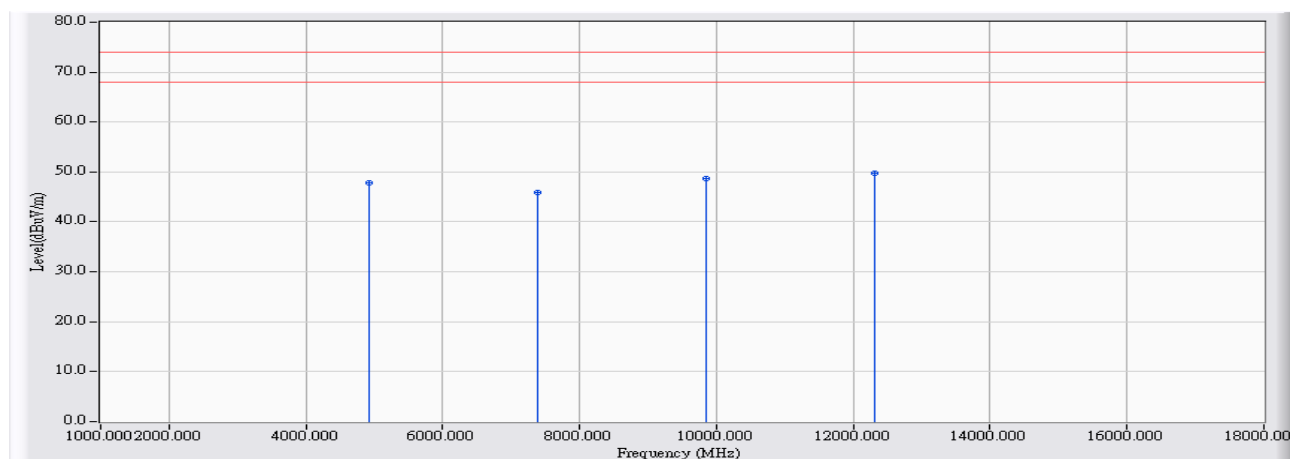


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	44.730	44.654	-29.346	74.000	PEAK
2	*	7386.000	7.675	44.120	51.794	-22.206	74.000	PEAK
3		9848.000	12.989	35.610	48.599	-25.401	74.000	PEAK
4		12310.000	15.096	34.640	49.736	-24.264	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2462MHz_Ant1

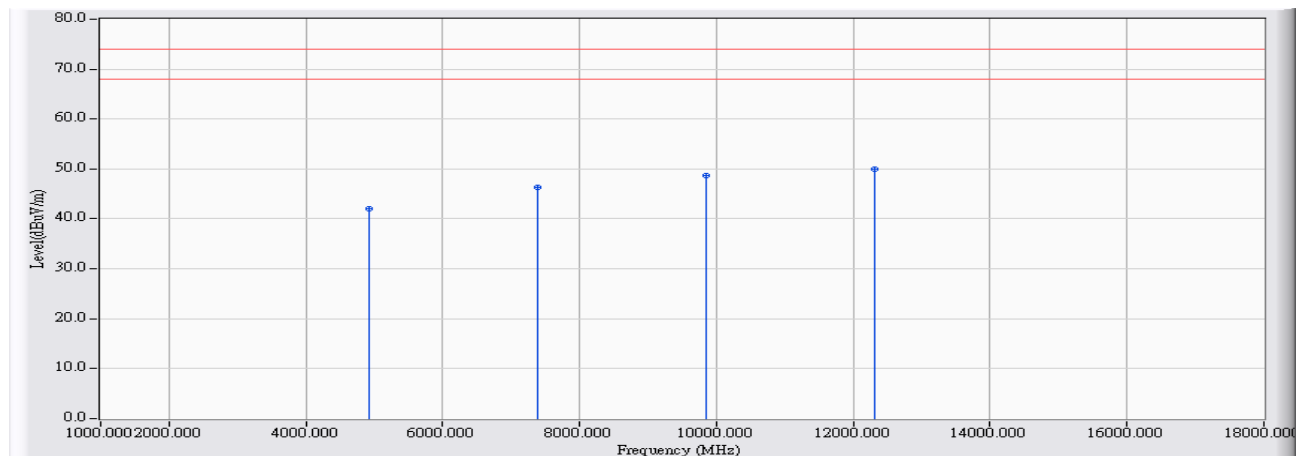


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	47.810	47.734	-26.266	74.000	PEAK
2		7386.000	7.675	38.190	45.864	-28.136	74.000	PEAK
3		9848.000	12.989	35.790	48.779	-25.221	74.000	PEAK
4	*	12310.000	15.096	34.640	49.736	-24.264	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11b_ 2462MHz_ Ant1

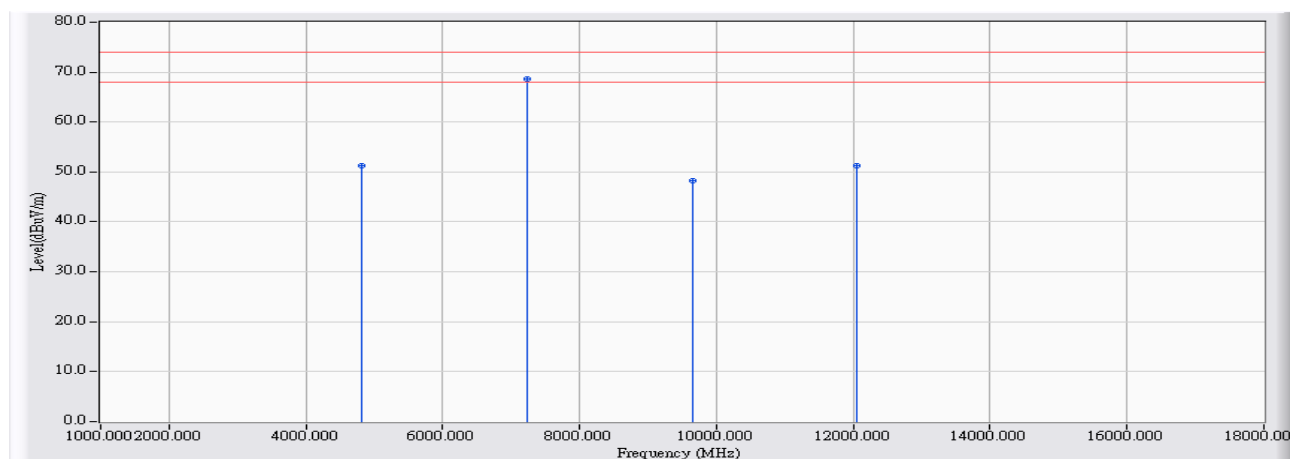


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	42.040	41.964	-32.036	74.000	PEAK
2		7386.000	7.675	38.700	46.374	-27.626	74.000	PEAK
3		9848.000	12.989	35.710	48.699	-25.301	74.000	PEAK
4	*	12310.000	15.096	34.870	49.966	-24.034	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2412MHz_ Ant0

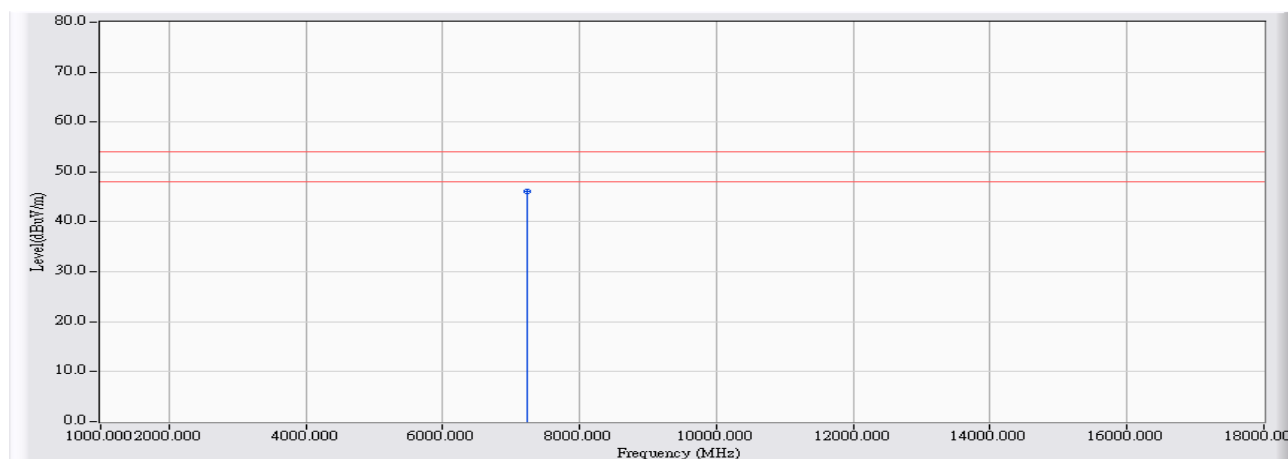


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	51.580	51.361	-22.639	74.000	PEAK
2	*	7236.000	7.127	61.410	68.537	-5.463	74.000	PEAK
3		9648.000	12.587	35.640	48.227	-25.773	74.000	PEAK
4		12060.000	15.339	35.900	51.238	-22.762	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2412MHz_Ant0

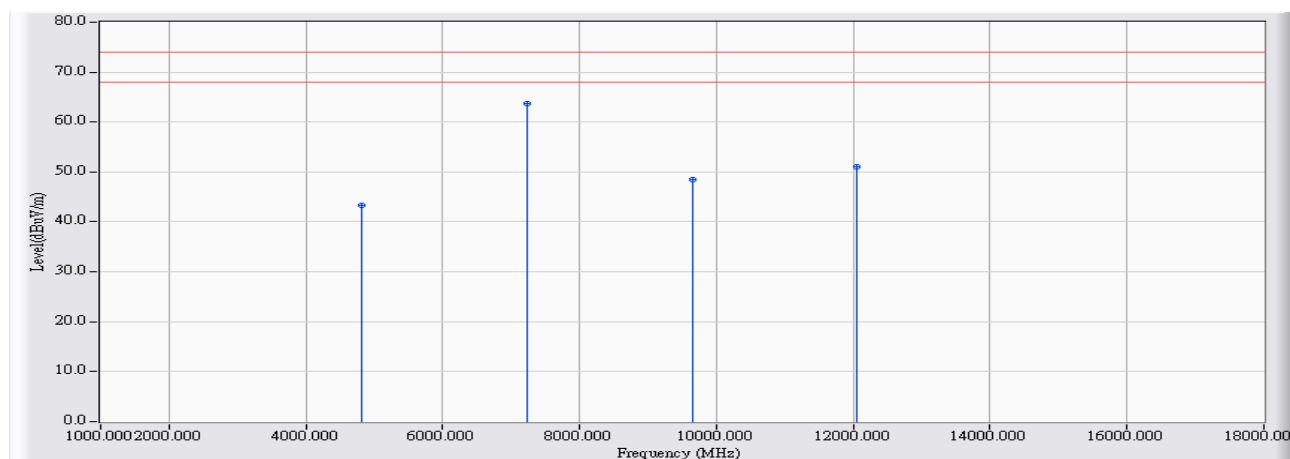


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	7.127	38.960	46.087	-7.913	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2412MHz_ Ant0

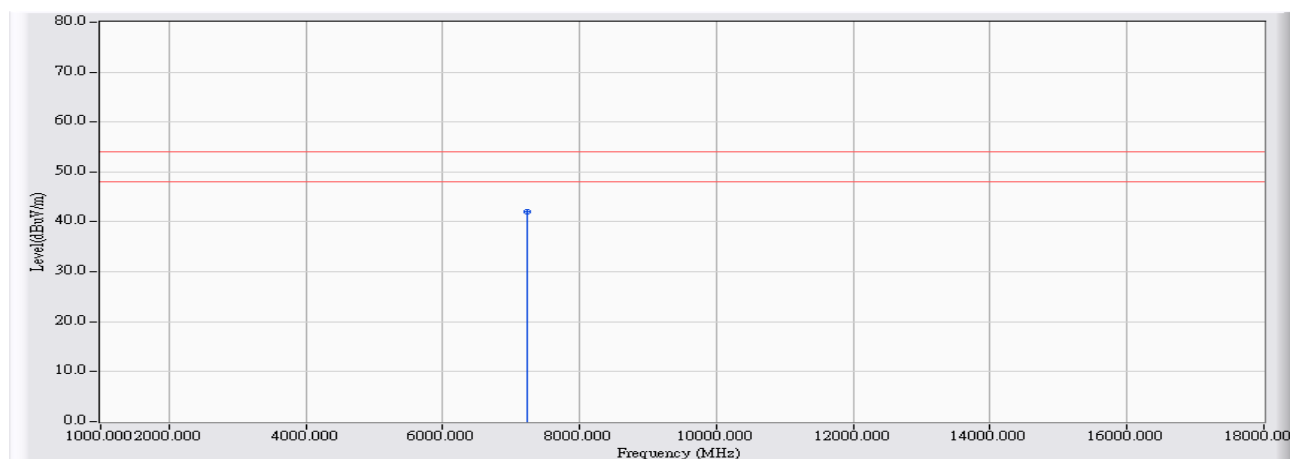


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	43.500	43.281	-30.719	74.000	PEAK
2	*	7236.000	7.127	56.550	63.677	-10.323	74.000	PEAK
3		9648.000	12.587	35.860	48.447	-25.553	74.000	PEAK
4		12060.000	15.339	35.760	51.098	-22.902	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2412MHz_Ant0

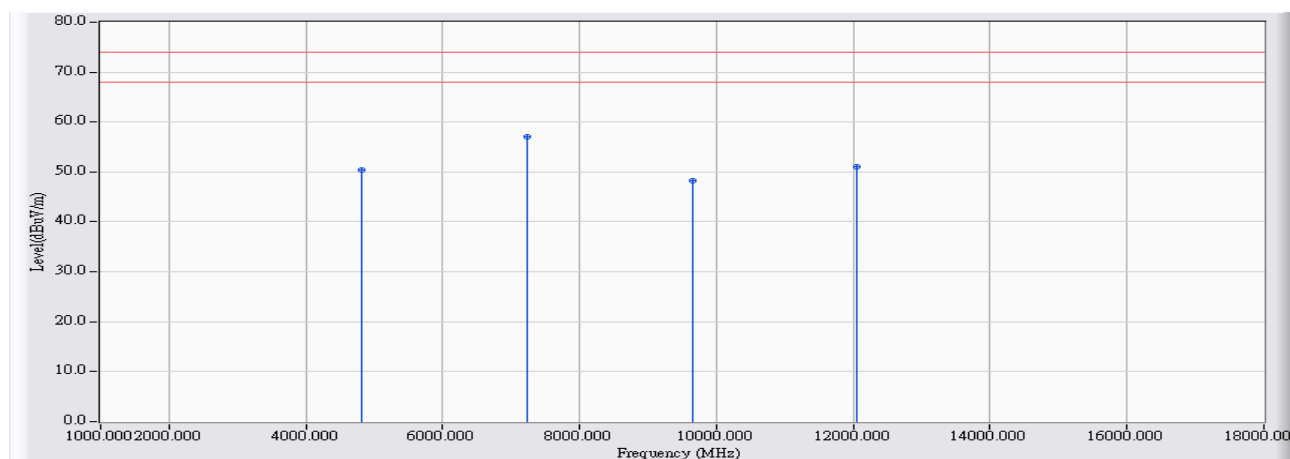


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	7.127	34.970	42.097	-11.903	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2412MHz_Ant1

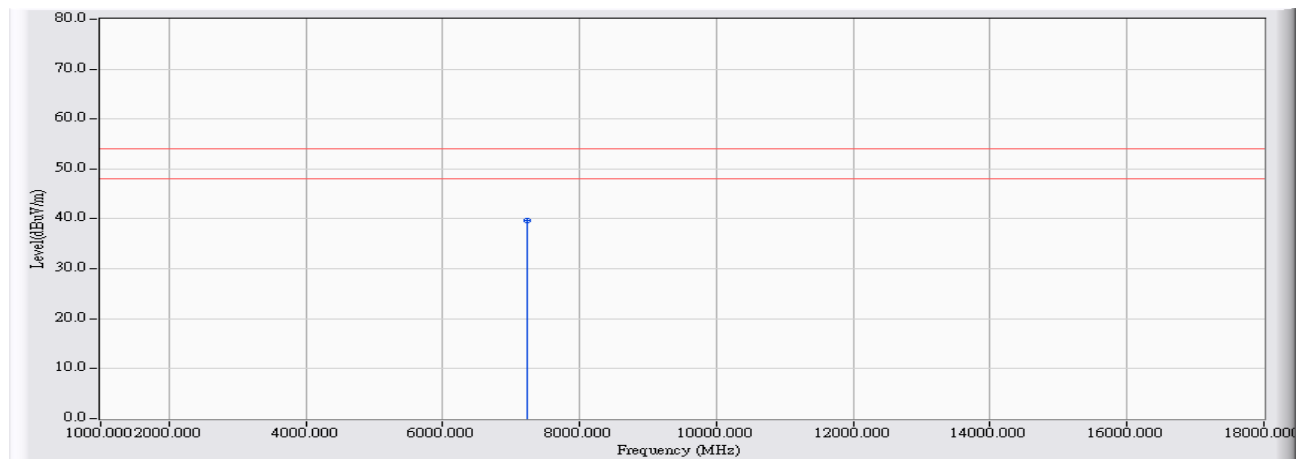


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	50.540	50.321	-23.679	74.000	PEAK
2	*	7236.000	7.127	50.010	57.137	-16.863	74.000	AVERAGE
3		9648.000	12.587	35.680	48.267	-25.733	74.000	PEAK
4		12060.000	15.339	35.810	51.148	-22.852	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2412MHz_Ant1

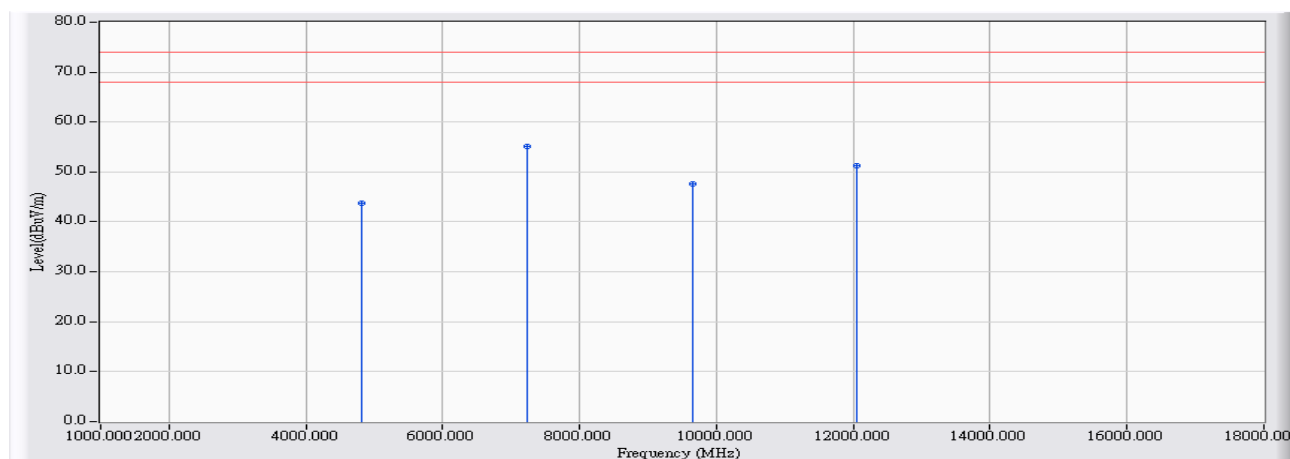


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	7.127	32.500	39.627	-14.373	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2412MHz_Ant1

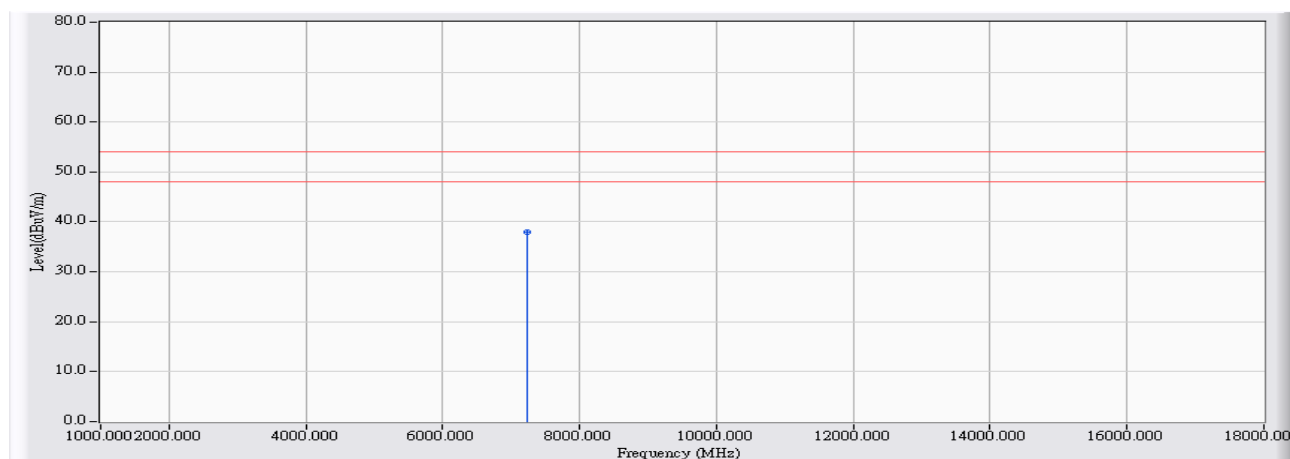


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	43.930	43.711	-30.289	74.000	PEAK
2	*	7236.000	7.127	47.920	55.047	-18.953	74.000	PEAK
3		9648.000	12.587	35.080	47.667	-26.333	74.000	PEAK
4		12060.000	15.339	35.980	51.318	-22.682	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2412MHz_Ant1

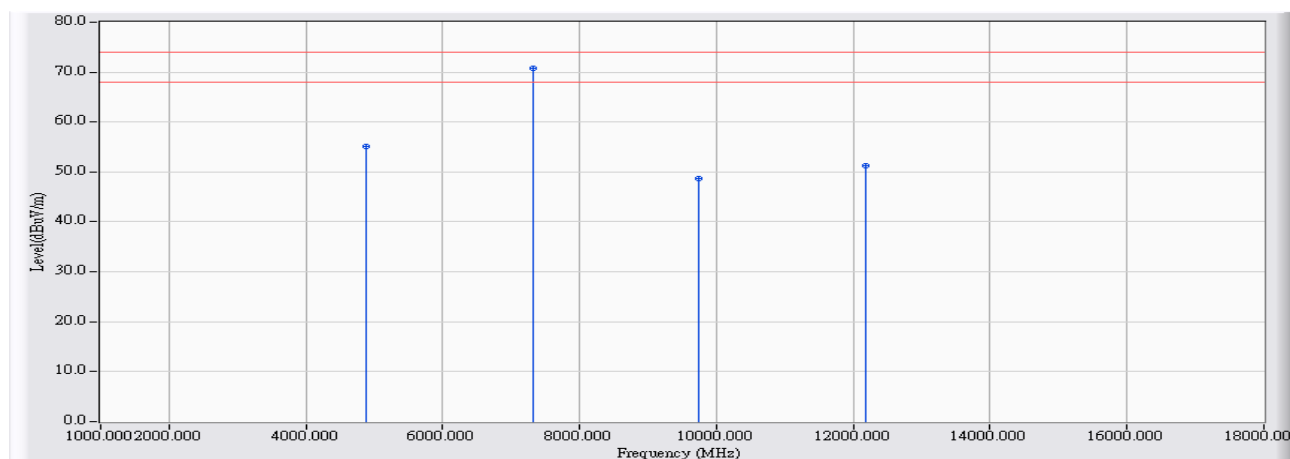


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	7.127	30.940	38.067	-15.933	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_Ant0

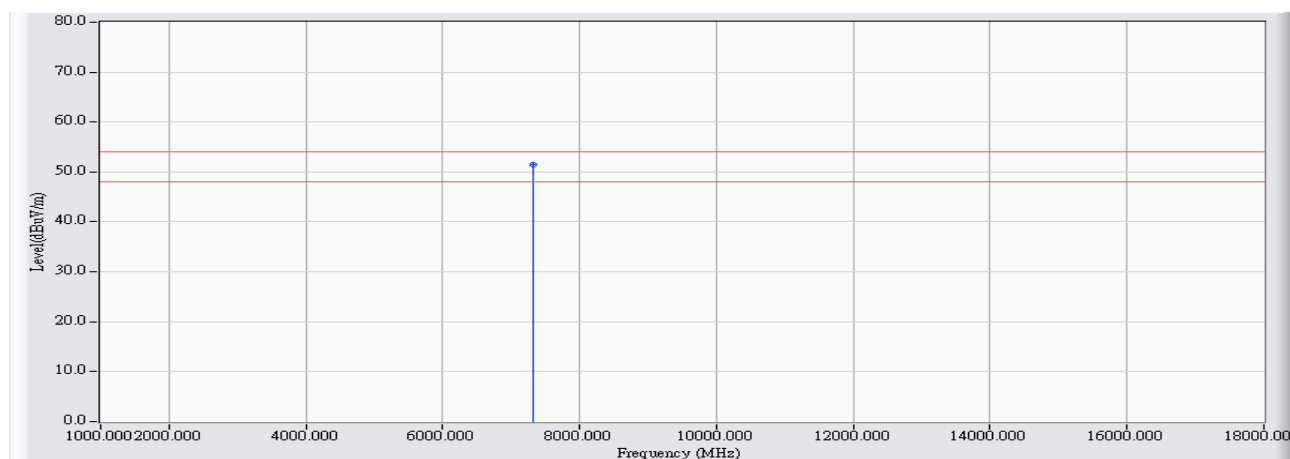


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.140	55.290	55.149	-18.851	74.000	PEAK
2	*	7311.000	7.405	63.320	70.724	-3.276	74.000	PEAK
3		9748.000	12.853	35.860	48.713	-25.287	74.000	PEAK
4		12185.000	14.904	36.250	51.154	-22.846	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_Ant0

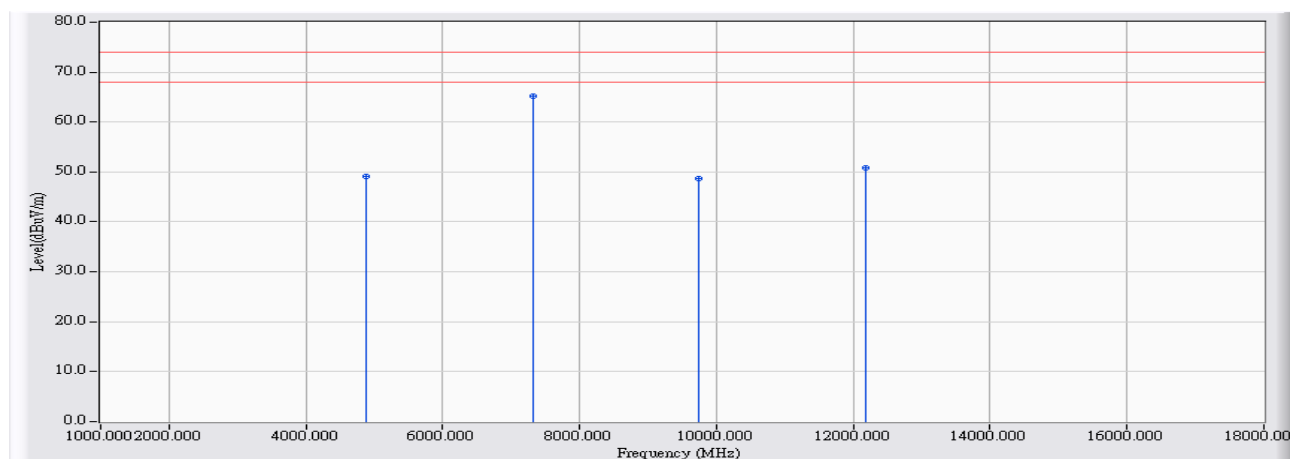


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7311.000	7.405	44.080	51.484	-2.516	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_Ant0

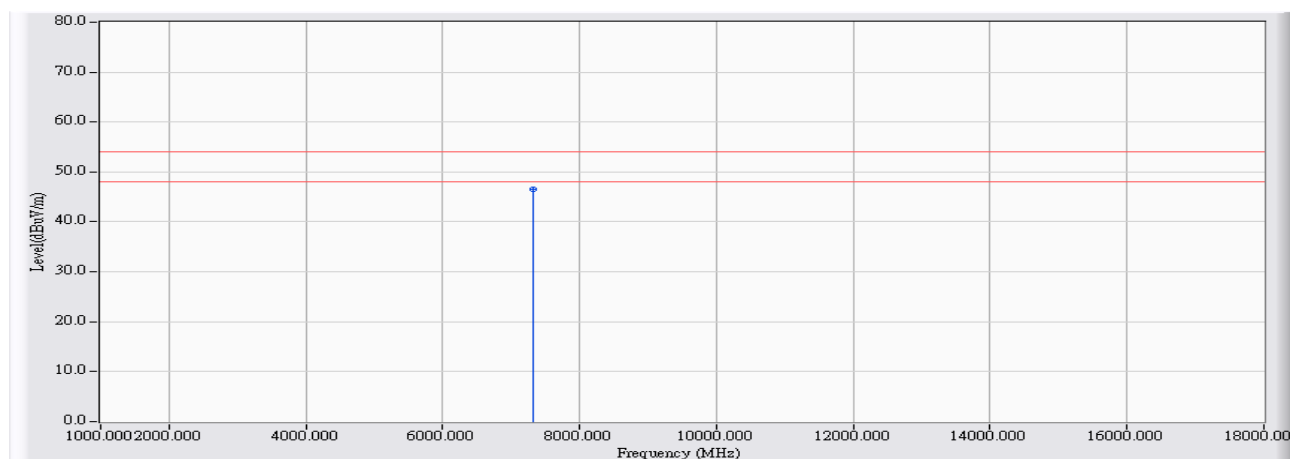


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.140	49.320	49.179	-24.821	74.000	PEAK
2	*	7311.000	7.405	57.880	65.284	-8.716	74.000	PEAK
3		9748.000	12.853	35.820	48.673	-25.327	74.000	PEAK
4		12185.000	14.904	35.970	50.874	-23.126	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_Ant0

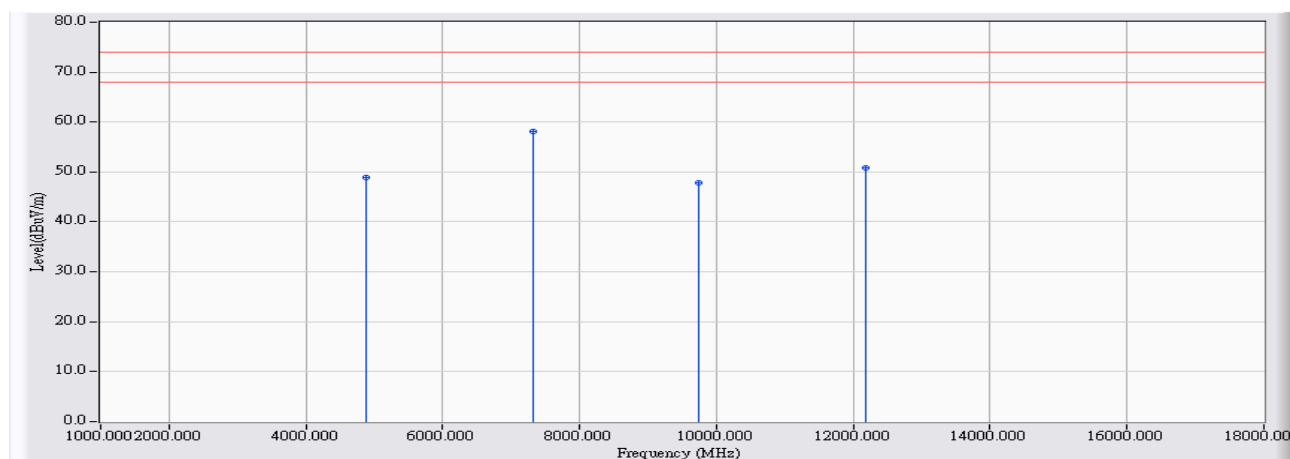


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7311.000	7.405	39.210	46.614	-7.386	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_Ant1

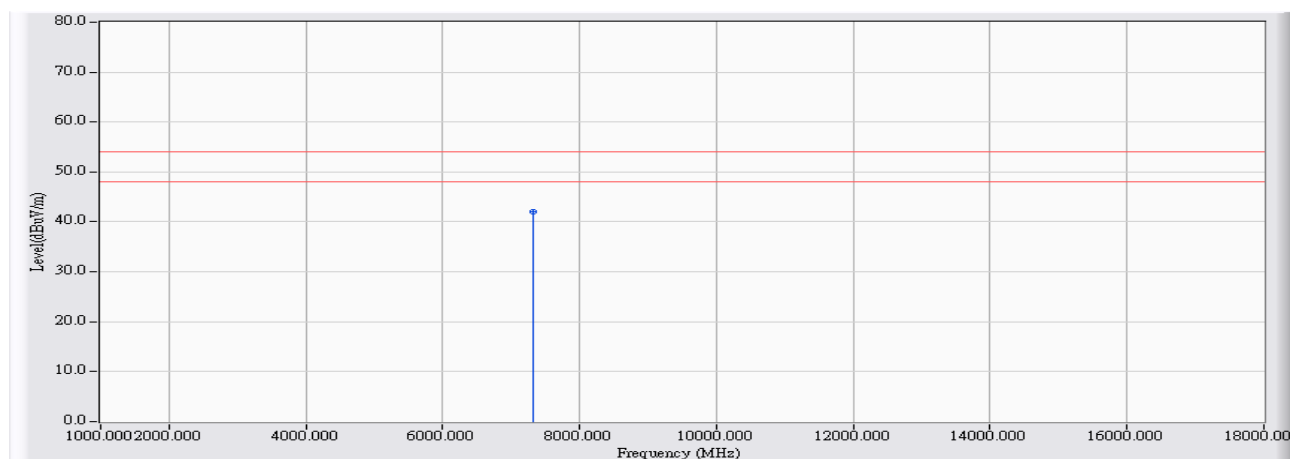


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.140	49.060	48.919	-25.081	74.000	PEAK
2	*	7311.000	7.405	50.720	58.124	-15.876	74.000	PEAK
3		9748.000	12.853	35.040	47.893	-26.107	74.000	PEAK
4		12185.000	14.904	35.890	50.794	-23.206	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_Ant1

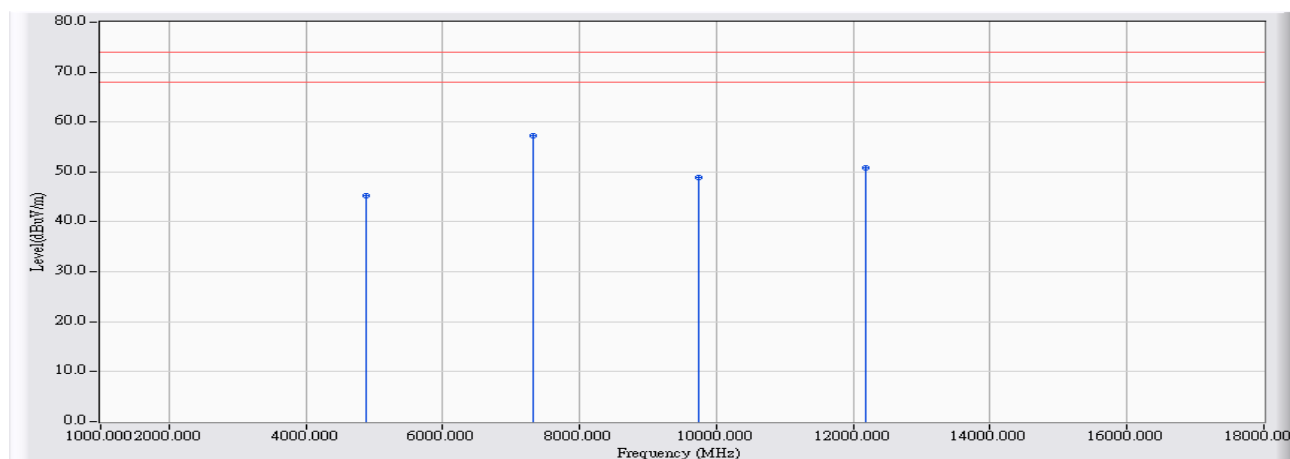


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7311.000	7.405	34.590	41.994	-12.006	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_Ant1

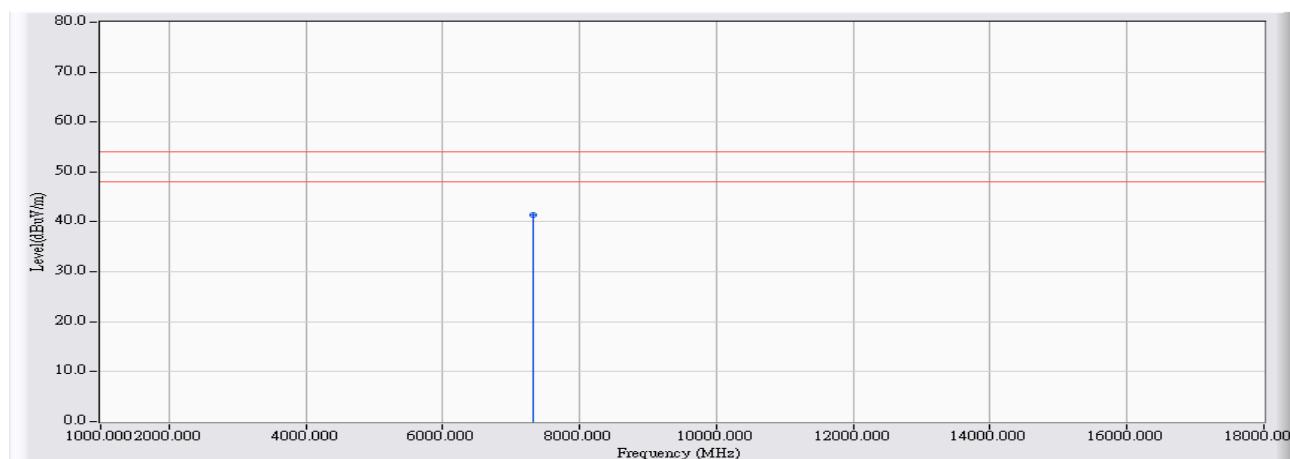


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.140	45.430	45.289	-28.711	74.000	PEAK
2	*	7311.000	7.405	49.810	57.214	-16.786	74.000	PEAK
3		9748.000	12.853	36.070	48.923	-25.077	74.000	PEAK
4		12185.000	14.904	35.940	50.844	-23.156	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2437MHz_Ant1

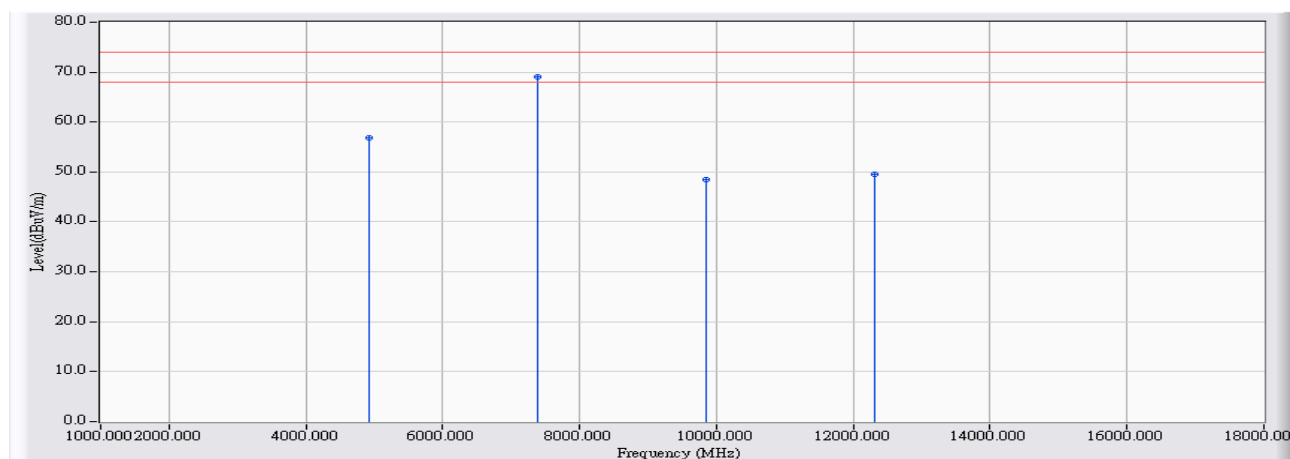


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7311.000	7.405	34.040	41.444	-12.556	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2462MHz_Ant0

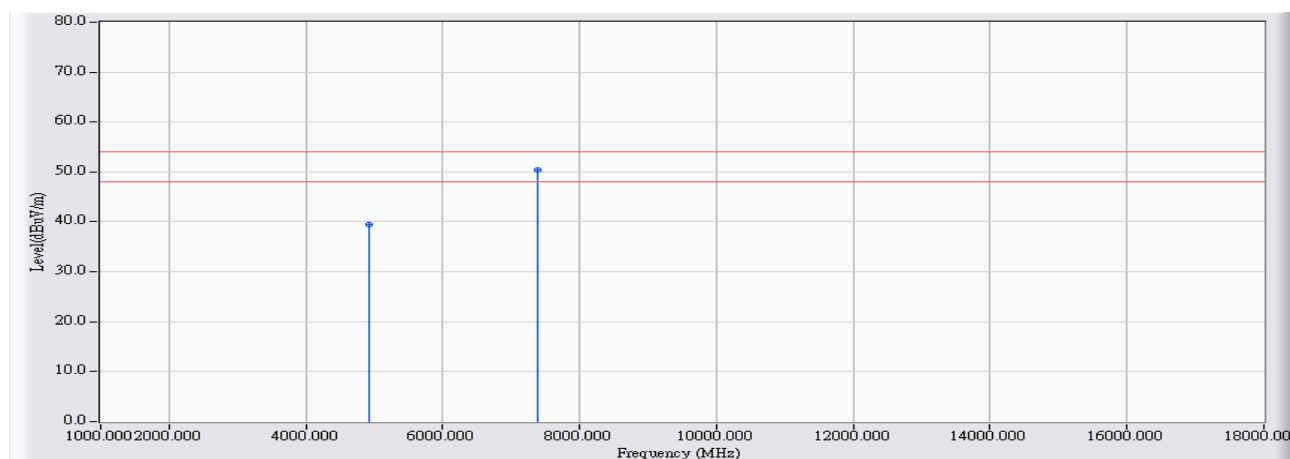


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	56.820	56.744	-17.256	74.000	PEAK
2	*	7386.000	7.675	61.330	69.004	-4.996	74.000	PEAK
3		9848.000	12.989	35.480	48.469	-25.531	74.000	PEAK
4		12310.000	15.096	34.430	49.526	-24.474	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 too low.

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2462MHz_ Ant0

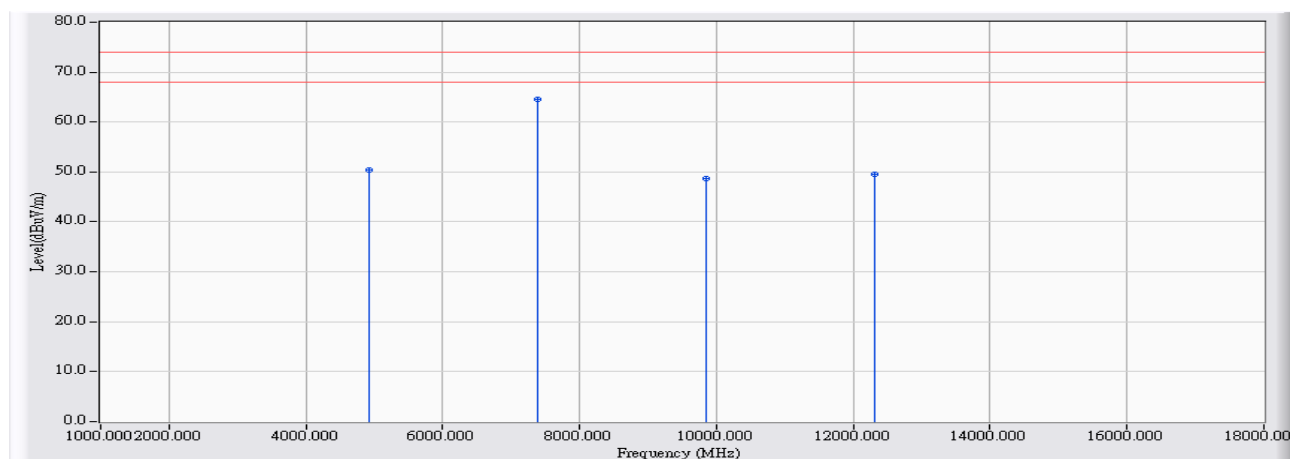


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	39.540	39.464	-14.536	54.000	AVERAGE
2	*	7386.000	7.675	42.650	50.324	-3.676	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2462MHz_Ant0

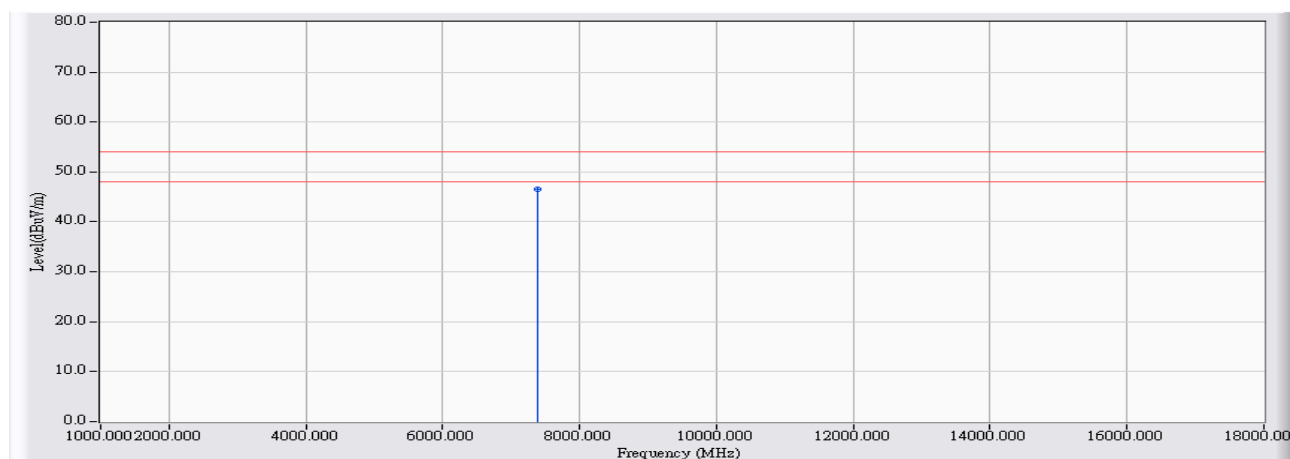


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	50.390	50.314	-23.686	74.000	PEAK
2	*	7386.000	7.675	56.880	64.554	-9.446	74.000	PEAK
3		9848.000	12.989	35.610	48.599	-25.401	74.000	PEAK
4		12310.000	15.096	34.390	49.486	-24.514	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2462MHz_Ant0

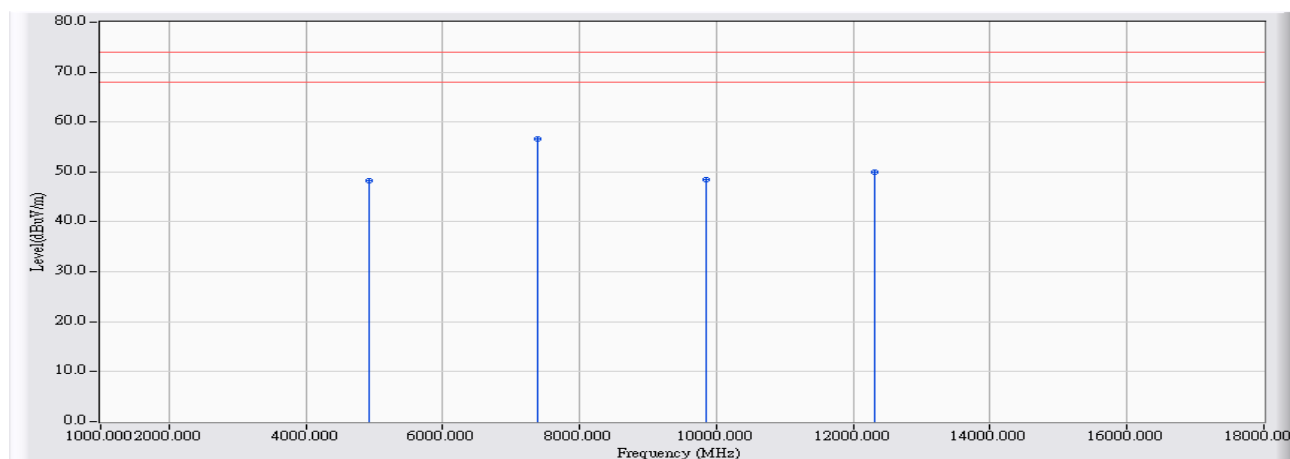


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7386.000	7.675	38.920	46.594	-7.406	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_2462MHz_Ant1

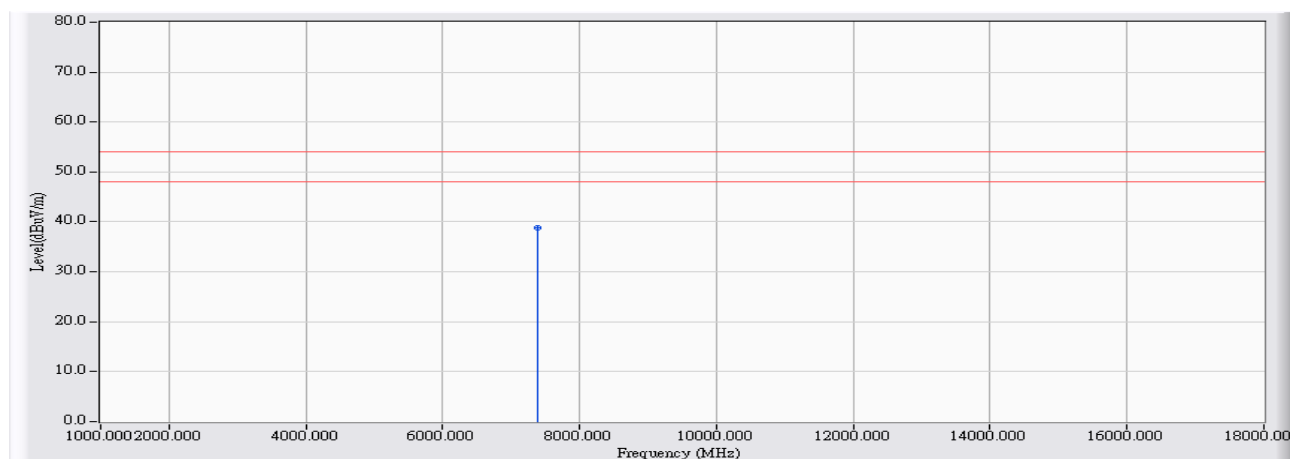


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	48.360	48.284	-25.716	74.000	PEAK
2	*	7386.000	7.675	48.970	56.644	-17.356	74.000	PEAK
3		9848.000	12.989	35.560	48.549	-25.451	74.000	PEAK
4		12310.000	15.096	34.780	49.876	-24.124	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2462MHz_Ant1

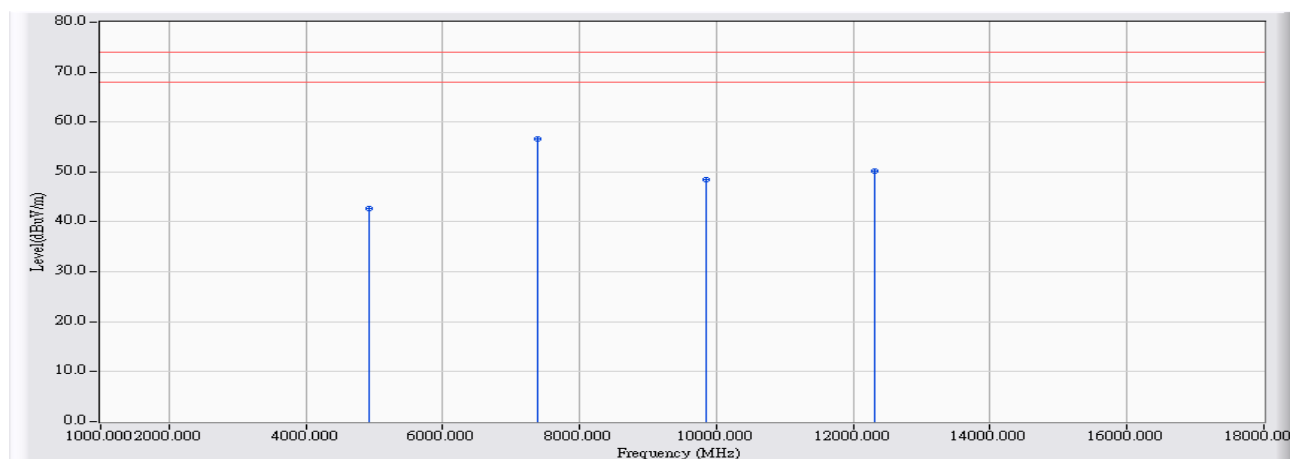


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7386.000	7.675	31.100	38.774	-15.226	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2462MHz_Ant1

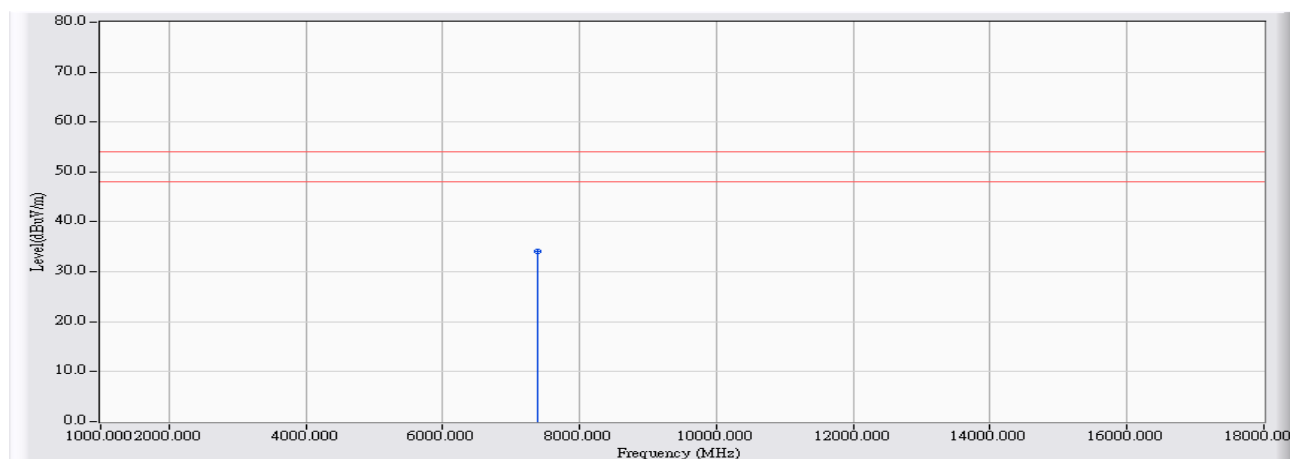


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	42.750	42.674	-31.326	74.000	PEAK
2	*	7386.000	7.675	48.880	56.554	-17.446	74.000	PEAK
3		9848.000	12.989	35.460	48.449	-25.551	74.000	PEAK
4		12310.000	15.096	35.090	50.186	-23.814	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 1: Tx_SISO Mode_ 802.11g_ 2462MHz_Ant1

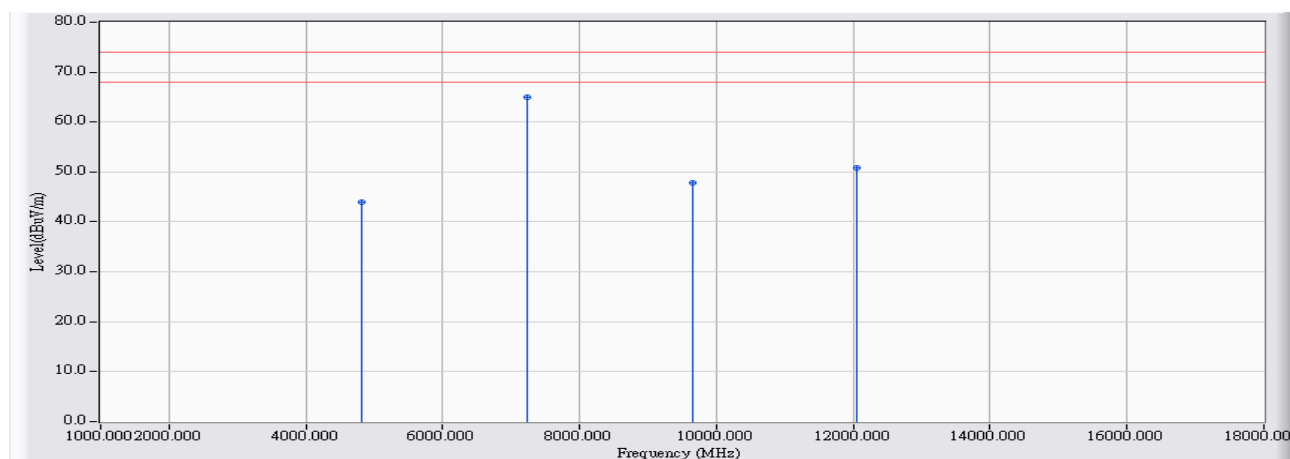


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7386.000	7.675	26.430	34.104	-19.896	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2412MHz

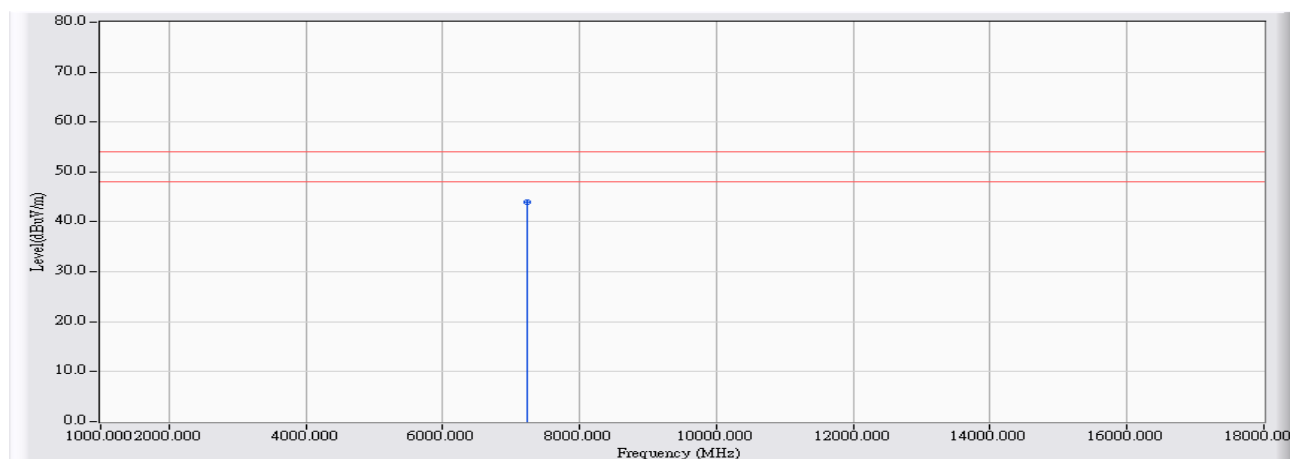


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	44.290	44.071	-29.929	74.000	PEAK
2	*	7236.000	7.127	57.870	64.997	-9.003	74.000	PEAK
3		9648.000	12.587	35.340	47.927	-26.073	74.000	PEAK
4		12060.000	15.339	35.540	50.878	-23.122	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2412MHz

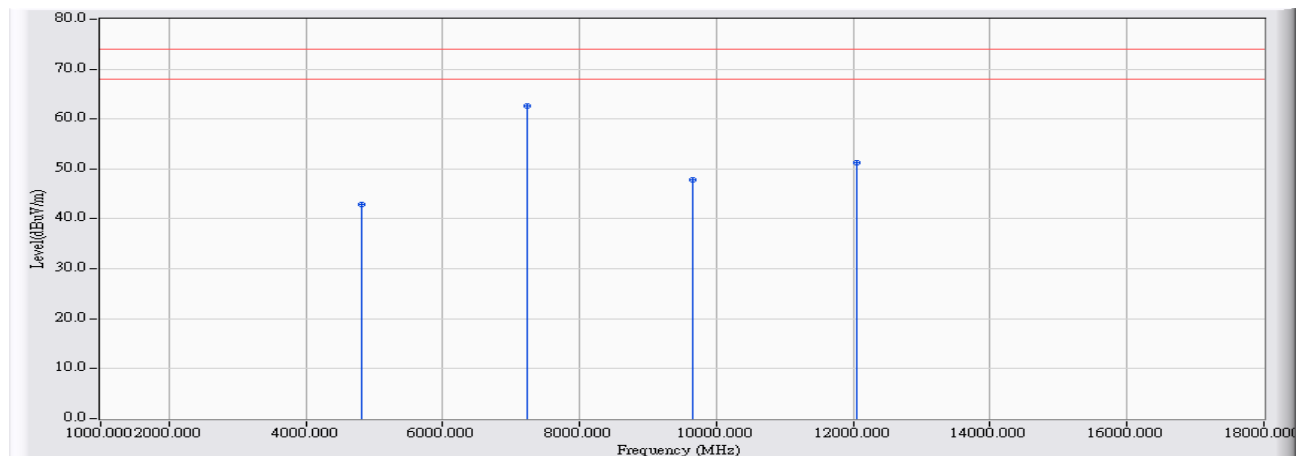


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	7.127	36.790	43.917	-10.083	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2412MHz

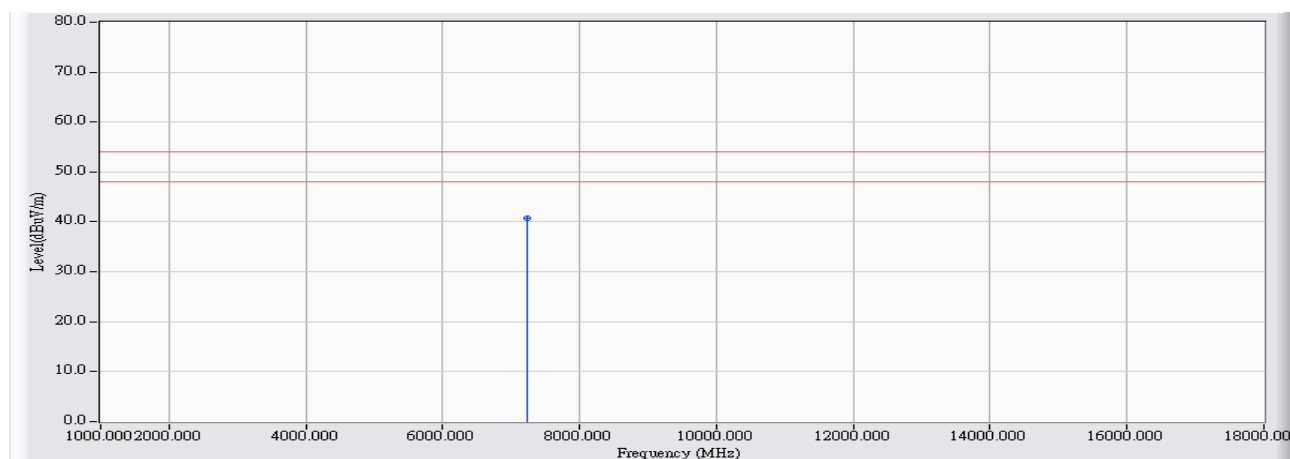


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	43.100	42.881	-31.119	74.000	PEAK
2	*	7236.000	7.127	55.600	62.727	-11.273	74.000	PEAK
3		9648.000	12.587	35.270	47.857	-26.143	74.000	PEAK
4		12060.000	15.339	35.970	51.308	-22.692	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2412MHz

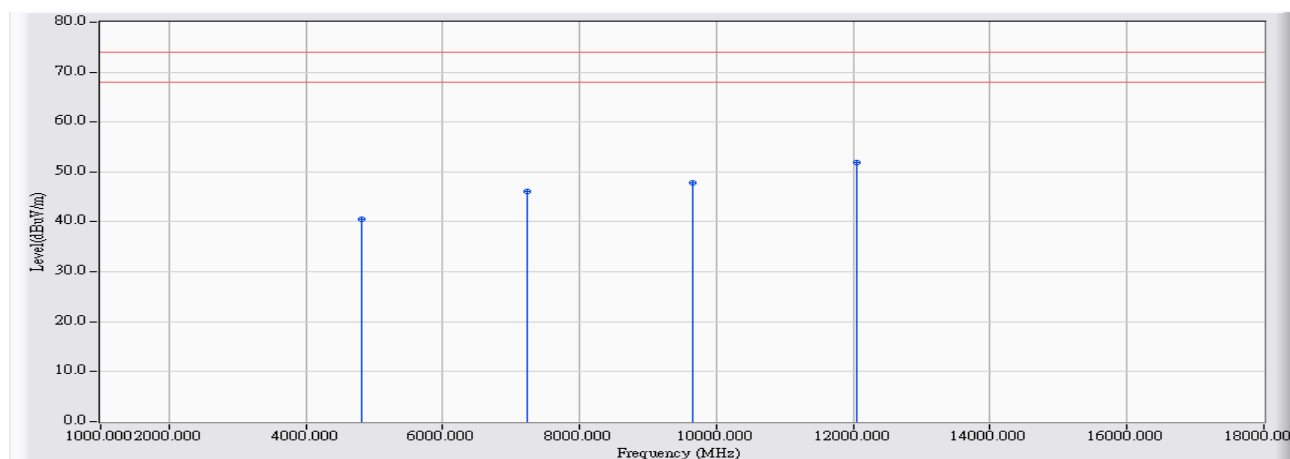


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	7.127	33.710	40.837	-13.163	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2437MHz

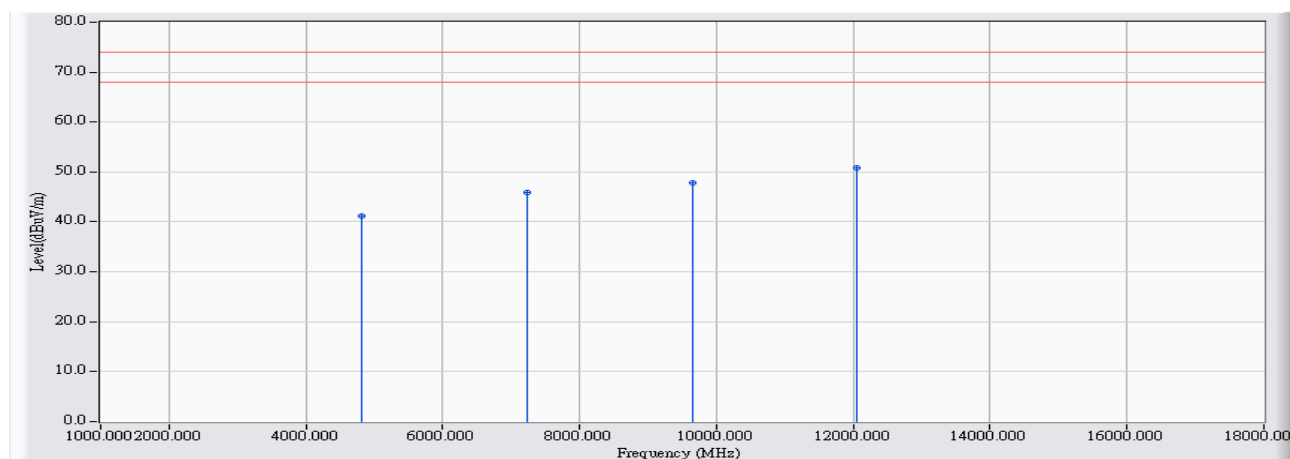


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	40.790	40.571	-33.429	74.000	PEAK
2		7236.000	7.127	38.970	46.097	-27.903	74.000	PEAK
3		9648.000	12.587	35.340	47.927	-26.073	74.000	PEAK
4	*	12060.000	15.339	36.480	51.818	-22.182	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2437MHz

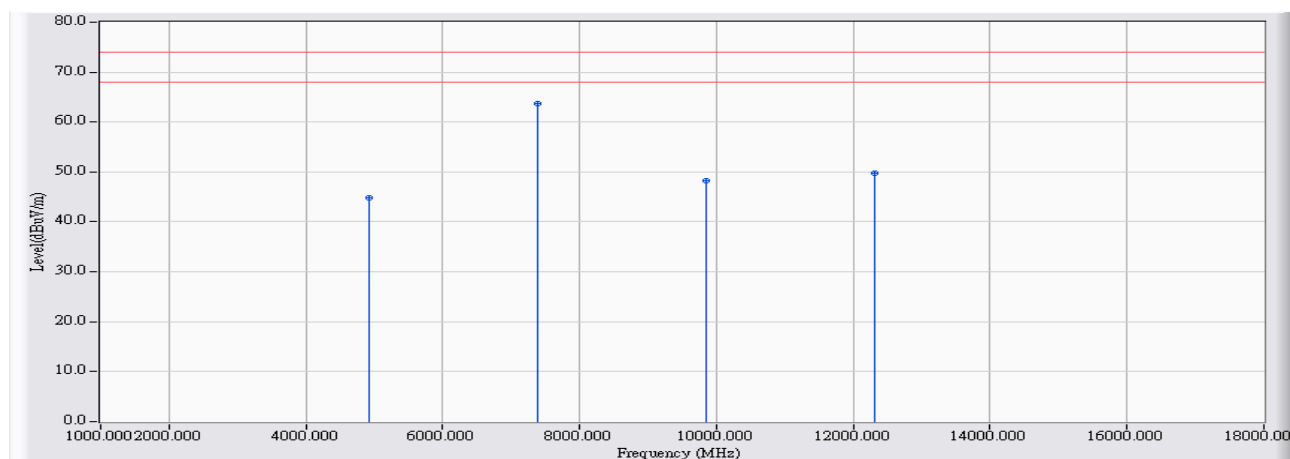


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	-0.219	41.450	41.231	-32.769	74.000	PEAK
2		7236.000	7.127	38.850	45.977	-28.023	74.000	PEAK
3		9648.000	12.587	35.140	47.727	-26.273	74.000	PEAK
4	*	12060.000	15.339	35.530	50.868	-23.132	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2462MHz

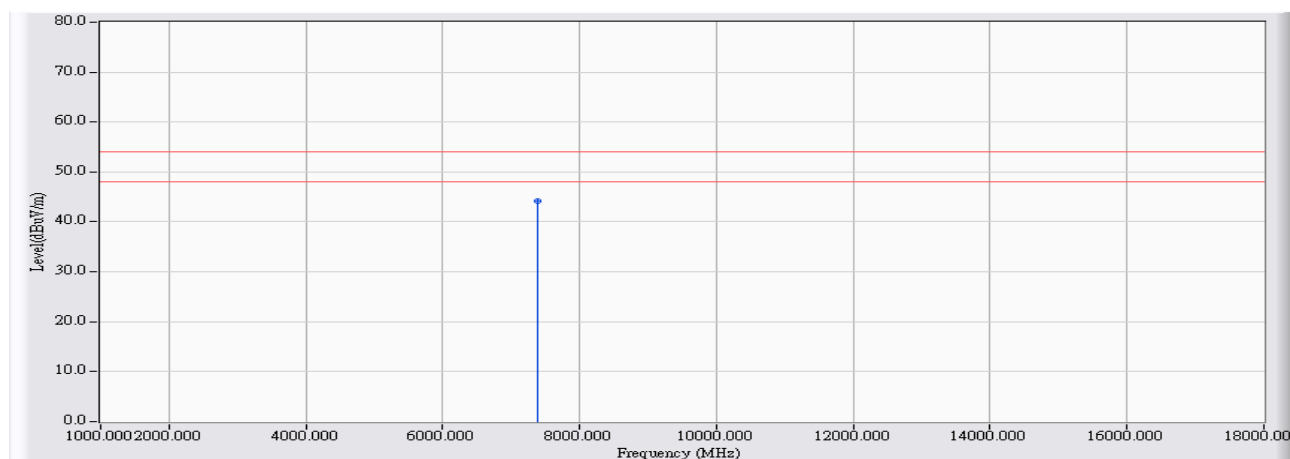


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	44.990	44.914	-29.086	74.000	PEAK
2	*	7386.000	7.675	56.090	63.764	-10.236	74.000	PEAK
3		9848.000	12.989	35.180	48.169	-25.831	74.000	PEAK
4		12310.000	15.096	34.630	49.726	-24.274	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2462MHz

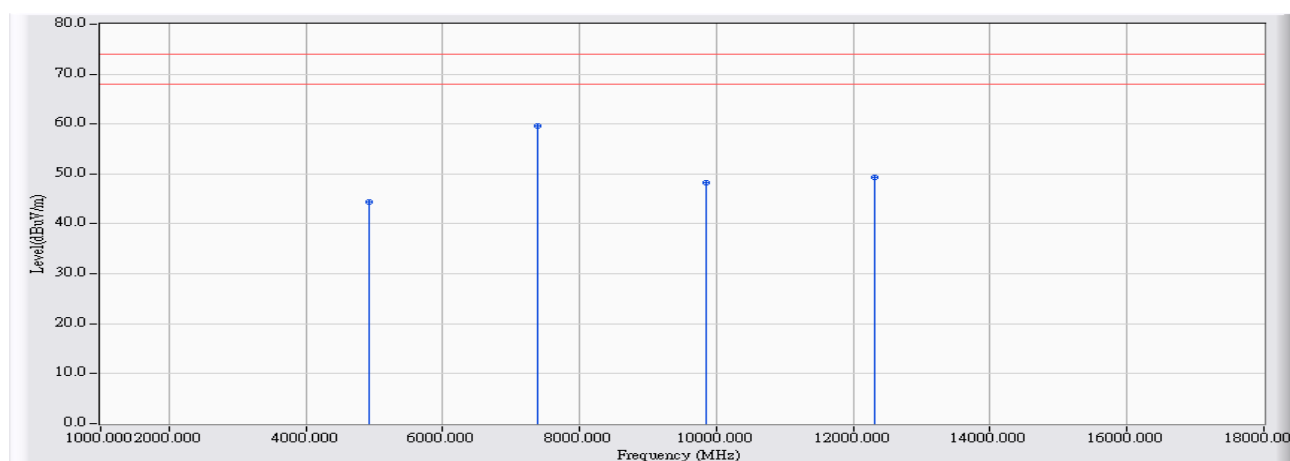


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7386.000	7.675	36.600	44.274	-9.726	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2462MHz

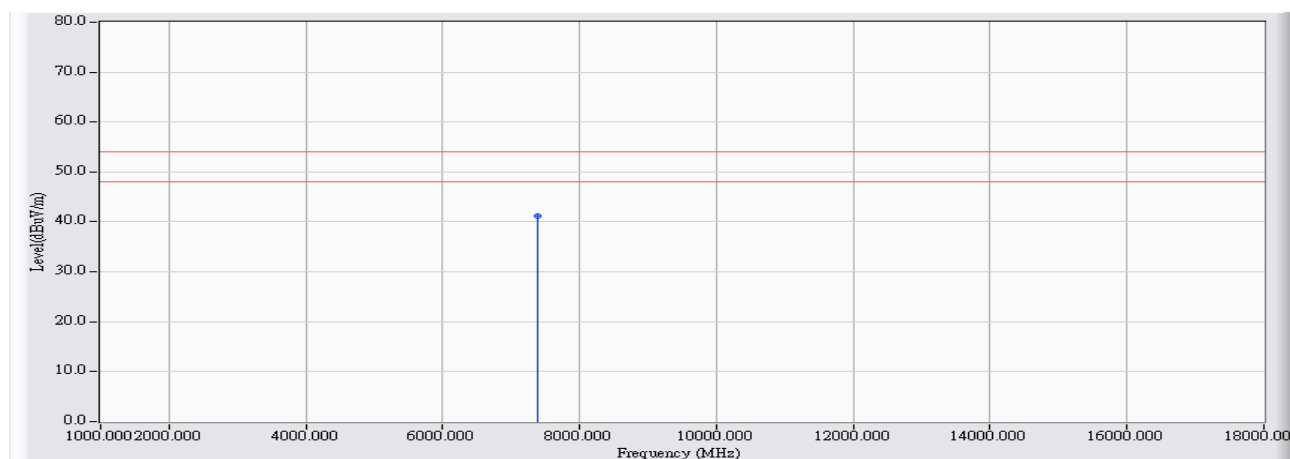


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.076	44.460	44.384	-29.616	74.000	PEAK
2	*	7386.000	7.675	51.870	59.544	-14.456	74.000	PEAK
3		9848.000	12.989	35.300	48.289	-25.711	74.000	PEAK
4		12310.000	15.096	34.290	49.386	-24.614	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/01
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(20M)_ 2462MHz

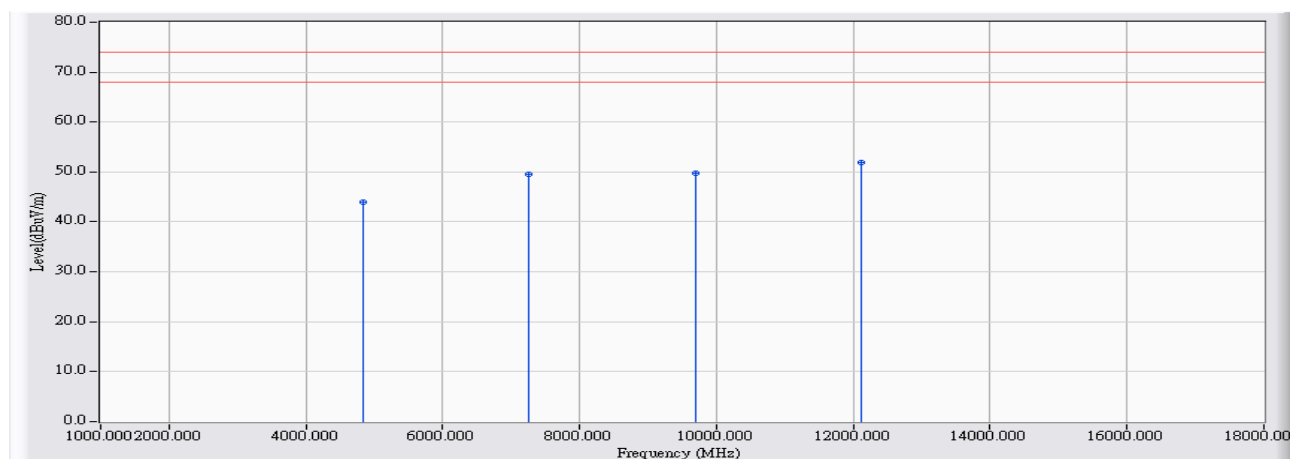


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7386.000	7.675	33.550	41.224	-12.776	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2422MHz

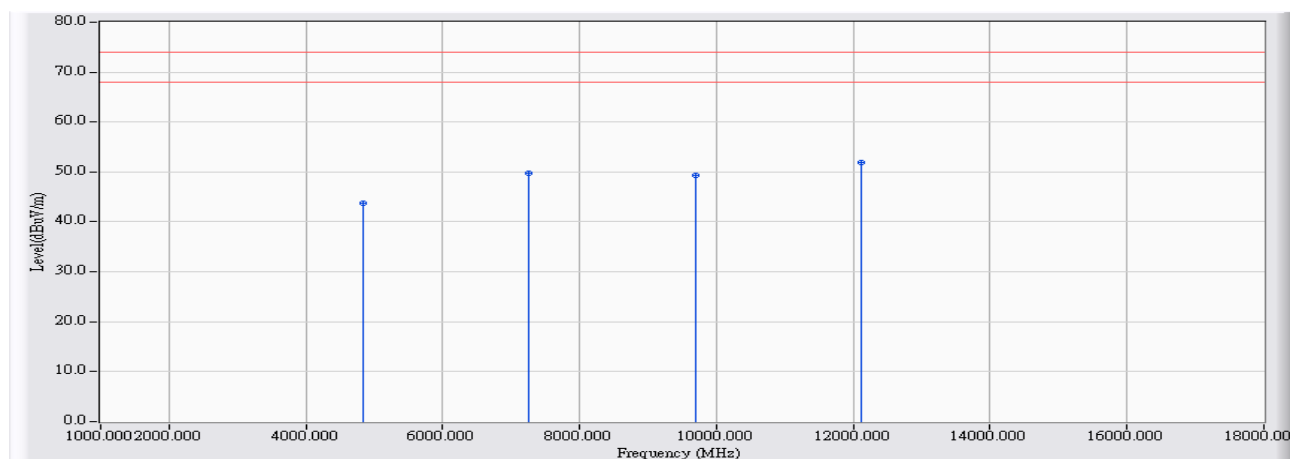


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4844.000	-0.159	44.100	43.941	-30.059	74.000	PEAK
2		7266.000	7.355	42.200	49.554	-24.446	74.000	PEAK
3		9688.000	12.782	36.880	49.662	-24.338	74.000	PEAK
4	*	12110.000	15.164	36.730	51.895	-2.105	54.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2422MHz

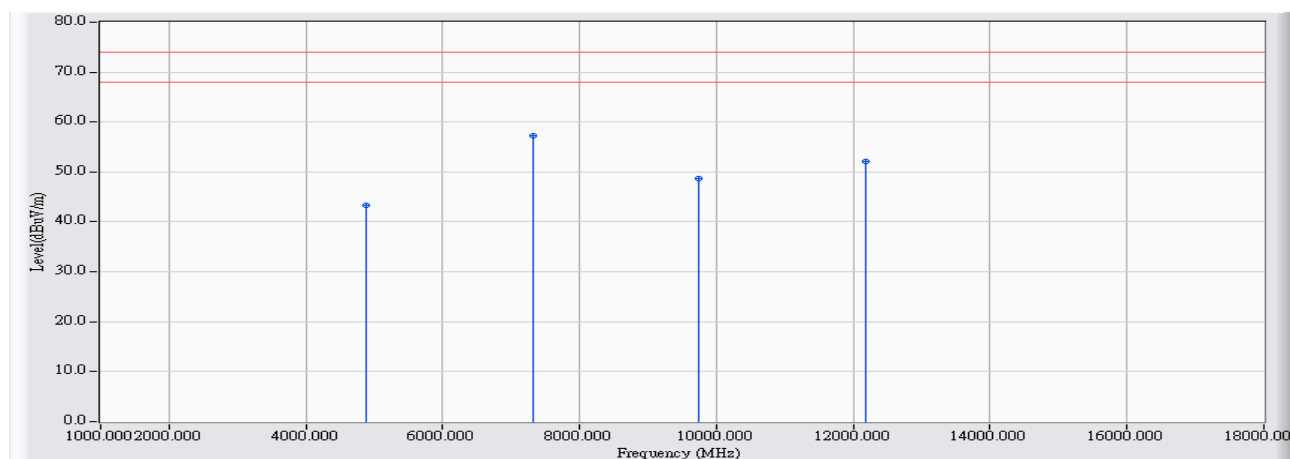


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4844.000	-0.159	43.940	43.781	-30.219	74.000	PEAK
2		7266.000	7.355	42.360	49.714	-24.286	74.000	PEAK
3		9688.000	12.782	36.630	49.412	-24.588	74.000	PEAK
4	*	12110.000	15.164	36.820	51.985	-22.015	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

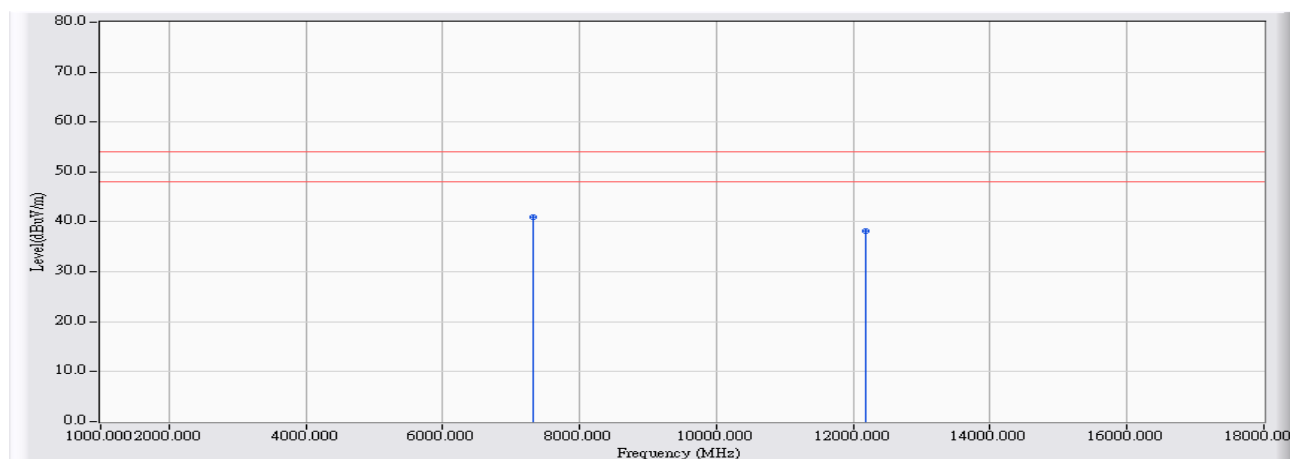


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.140	43.420	43.279	-30.721	74.000	PEAK
2	*	7311.000	7.405	49.960	57.364	-16.636	74.000	PEAK
3		9748.000	12.853	35.900	48.753	-25.247	74.000	PEAK
4		12185.000	14.904	37.140	52.044	-21.956	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

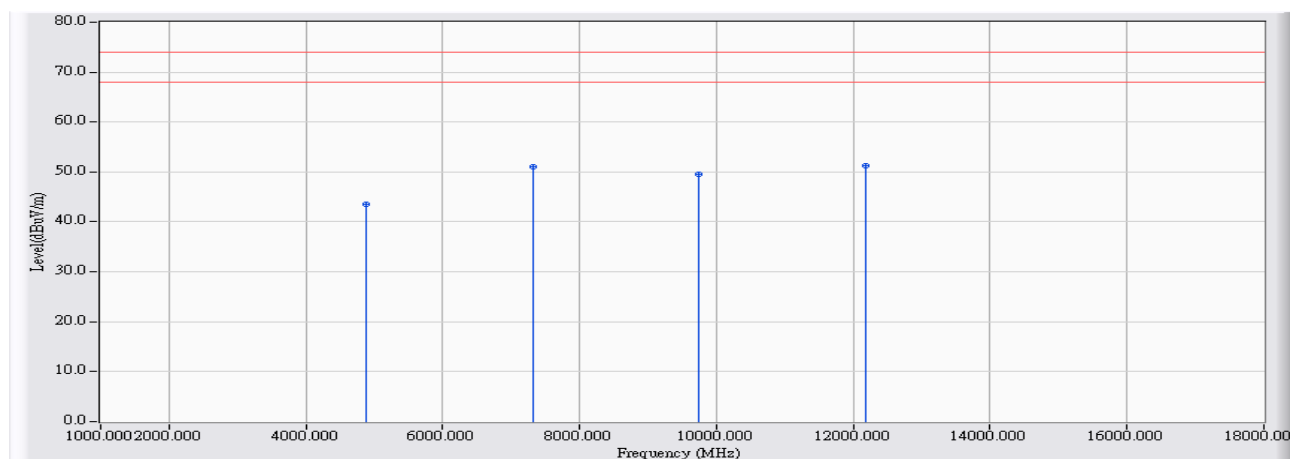


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7311.000	7.405	33.640	41.044	-12.956	54.000	AVERAGE
2		12185.000	14.904	23.300	38.204	-15.796	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

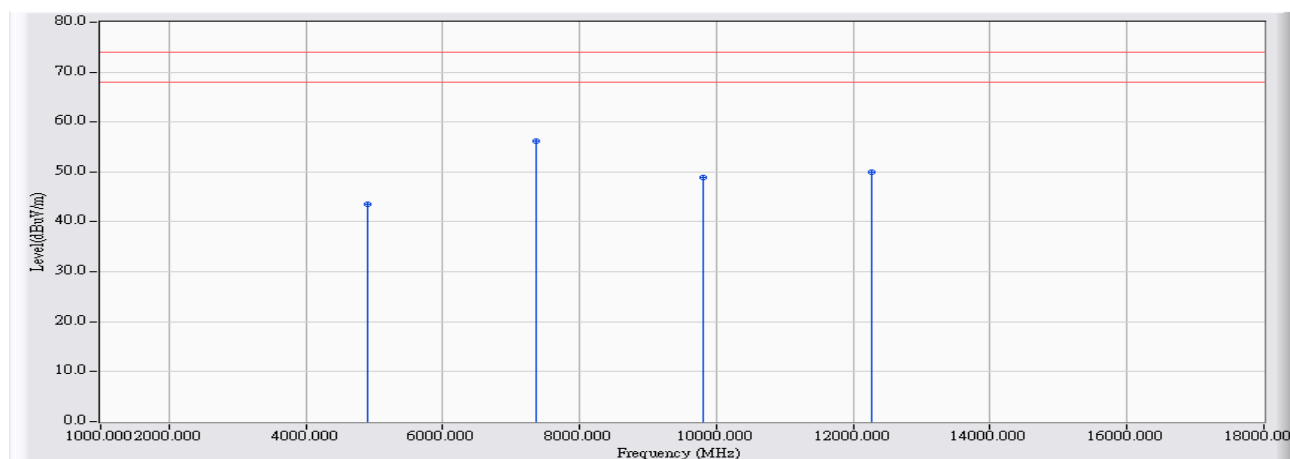


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.000	-0.140	43.650	43.509	-30.491	74.000	PEAK
2		7311.000	7.405	43.560	50.964	-23.036	74.000	PEAK
3		9748.000	12.853	36.620	49.473	-24.527	74.000	PEAK
4	*	12185.000	14.904	36.450	51.354	-22.646	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2452MHz

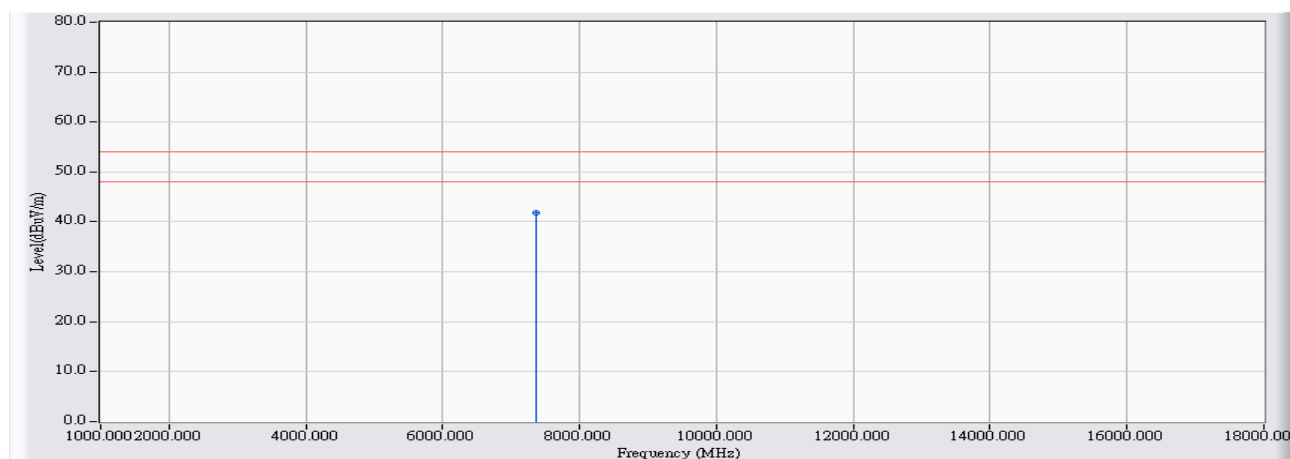


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	-0.099	43.550	43.452	-30.548	74.000	PEAK
2	*	7356.000	7.567	48.730	56.296	-17.704	74.000	PEAK
3		9808.000	12.933	36.040	48.973	-25.027	74.000	PEAK
4		12260.000	14.742	35.300	50.042	-23.958	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2452MHz

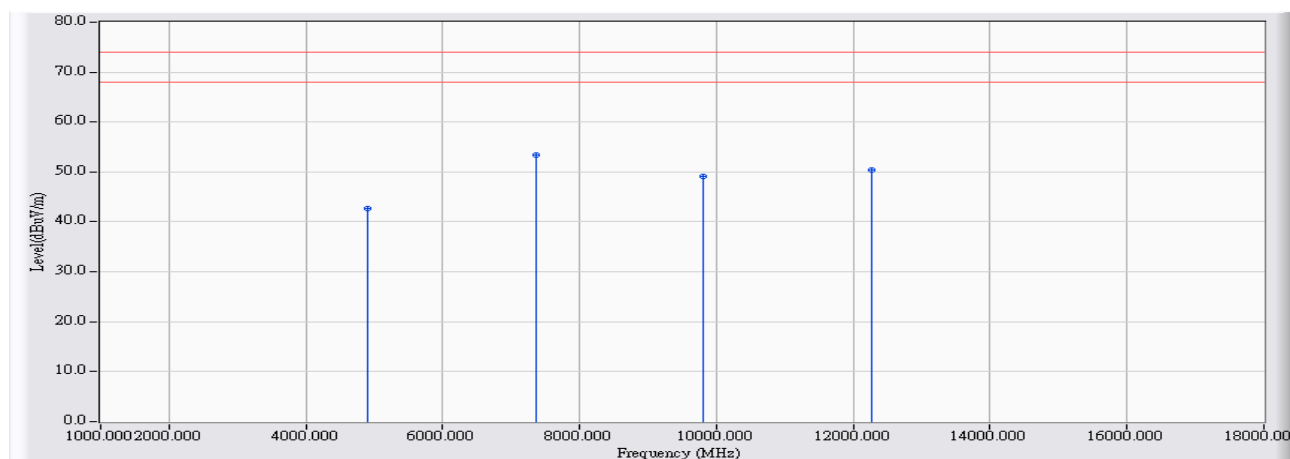


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7356.000	7.567	34.160	41.726	-12.274	54.000	AVERAGE

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2452MHz

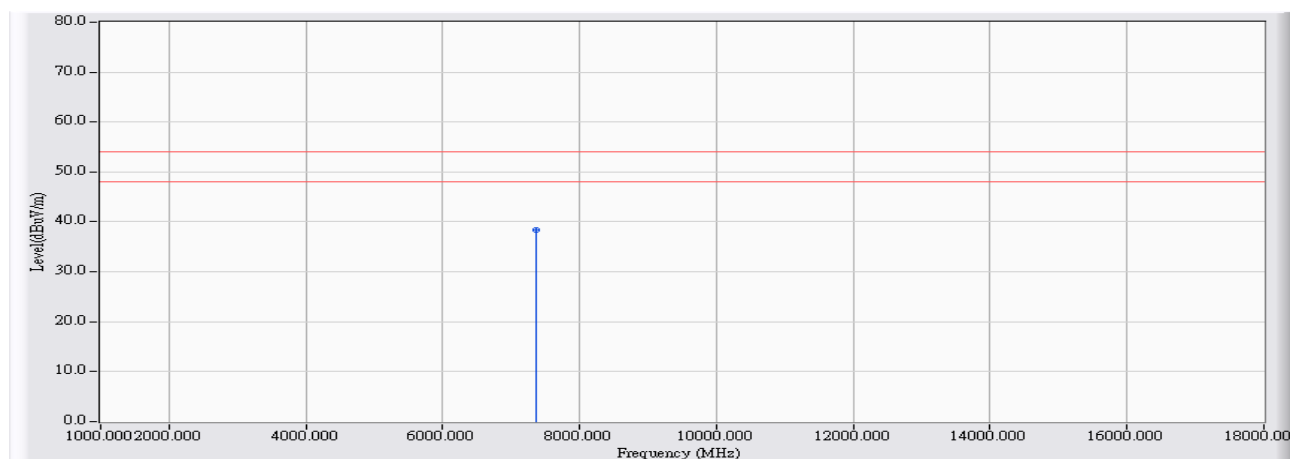


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	-0.099	42.710	42.612	-31.388	74.000	PEAK
2	*	7356.000	7.567	45.910	53.476	-20.524	74.000	PEAK
3		9808.000	12.933	36.180	49.113	-24.887	74.000	PEAK
4		12260.000	14.742	35.760	50.502	-23.498	74.000	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/02
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2452MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7356.000	7.567	30.930	38.496	-15.504	54.000	AVERAGE

Note:

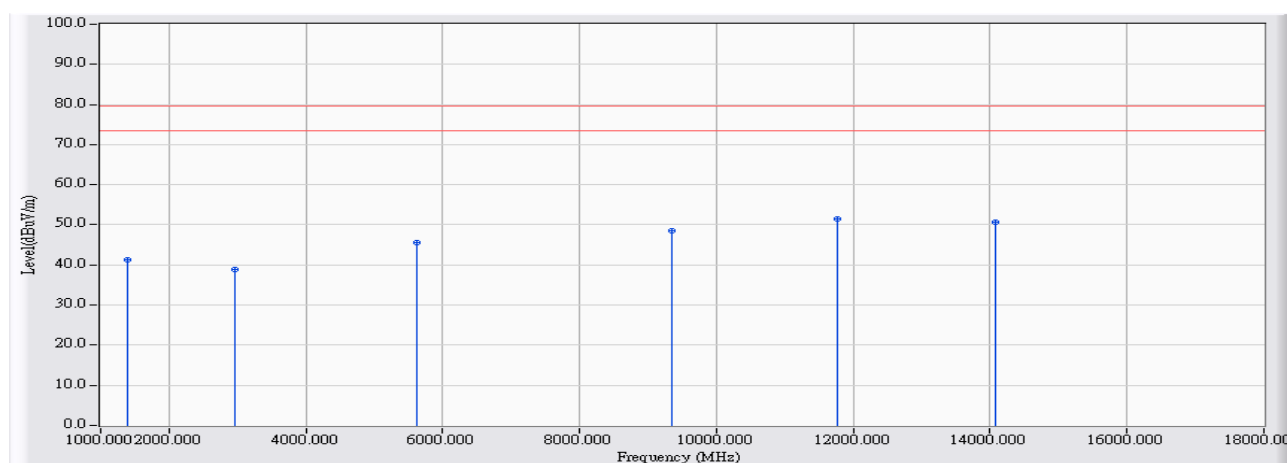
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading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

4.8. Test Result for Co-location

Section 15.247 Subclause (d). Emission limitations radiated (Transmitter)

The test was performed with the equipment transmitting first in only 5 GHz WiFi mode and repeated with the 2.4 GHz BT radio transmitting simultaneously to check the impact of the co-location of both radio interfaces. The results and plots below show the worst results obtained in both modes.

Site : CB4-H	Time : 2017/08/07
Limit : FCC_A (Above 1G) 3M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : 2.4G+BT_co-location mode

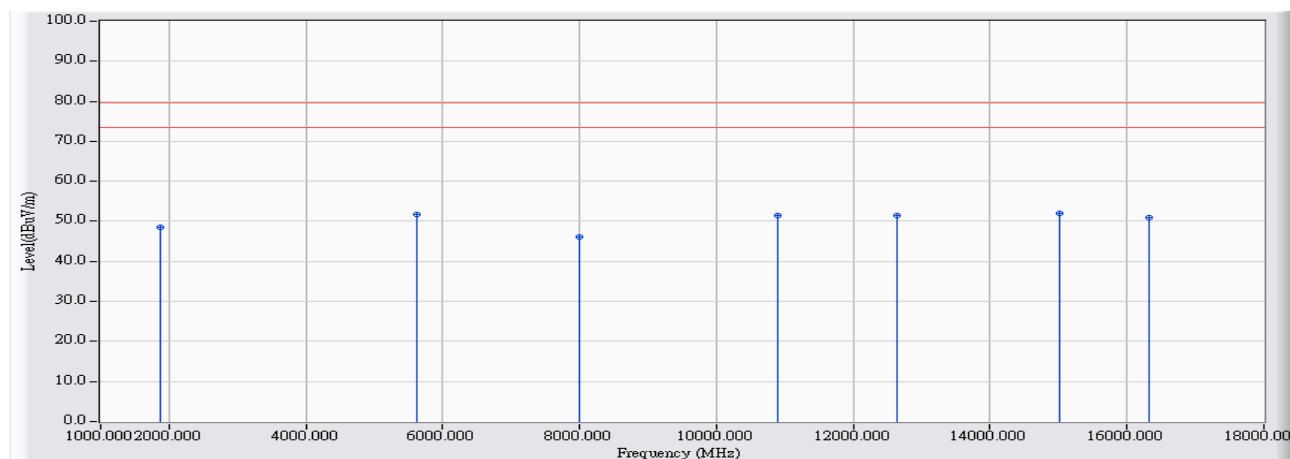


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1397.760	-13.243	54.487	41.243	-38.257	79.500	PEAK
2	2970.103	-7.209	46.011	38.802	-40.698	79.500	PEAK
3	5615.038	0.683	44.780	45.464	-34.036	79.500	PEAK
4	9358.064	12.252	36.260	48.513	-30.987	79.500	PEAK
5	* 11775.222	16.741	34.675	51.415	-28.085	79.500	PEAK
6	14076.792	18.593	32.037	50.630	-28.870	79.500	PEAK

Note:

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

Site : CB4-H	Time : 2017/08/07
Limit : FCC_A (Above_1G) 3M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : 2.4G+BT_co-location mode



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1870.313	-11.561	60.033	48.471	-31.029	79.500	PEAK
2	5615.038	0.683	51.122	51.806	-27.694	79.500	PEAK
3	7996.500	9.530	36.710	46.240	-33.260	79.500	PEAK
4	10898.110	15.646	35.885	51.532	-27.968	79.500	PEAK
5	12640.435	16.450	34.953	51.403	-28.097	79.500	PEAK
6	* 15023.597	16.918	34.982	51.900	-27.600	79.500	PEAK
7	16327.366	13.695	37.171	50.866	-28.634	79.500	PEAK

Note:

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

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

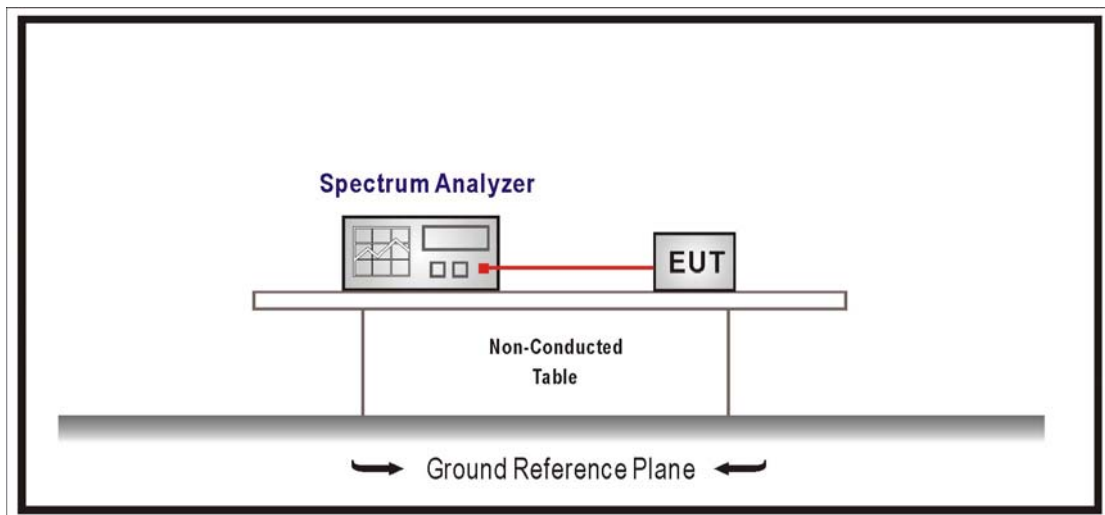
RF antenna Conducted Test / SR10-H

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

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

5.2. Test Setup

RF antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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 either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.247(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.247(a) (see §15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure section 11.2 of KDB558074 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

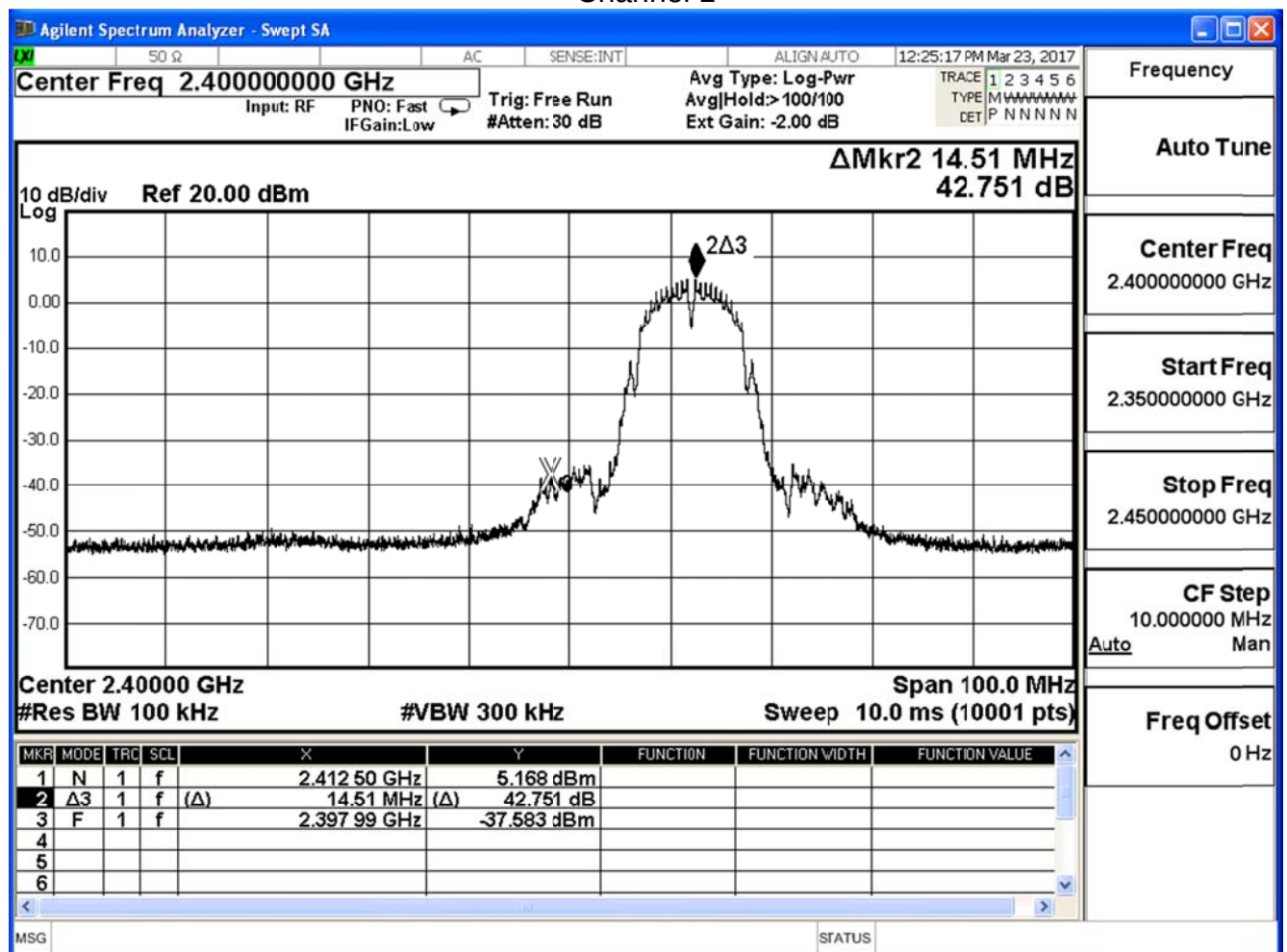
According to FCC Part 15 Subpart C Paragraph 15.247: 2015

5.6. Uncertainty

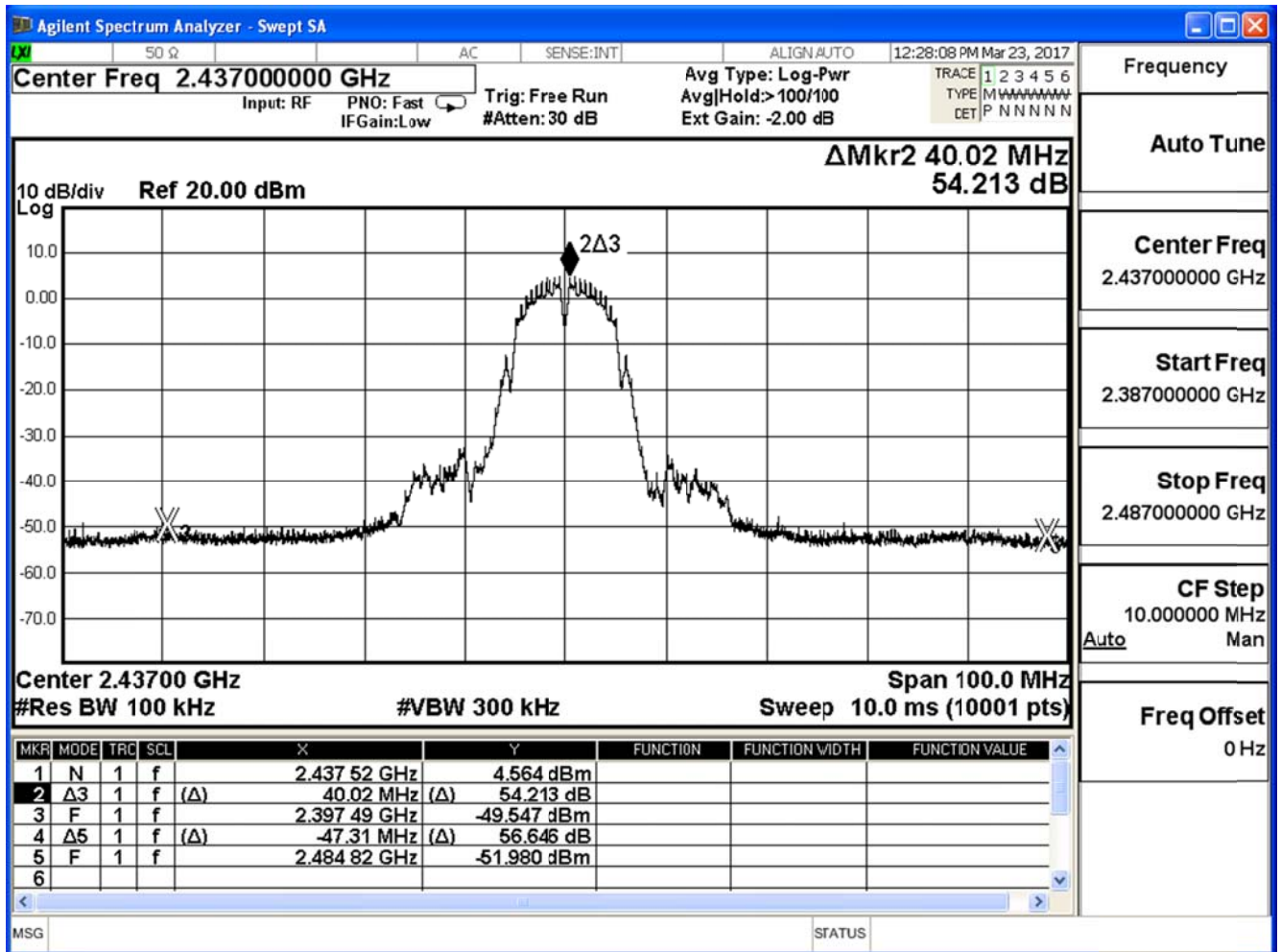
Conducted is defined as $\pm 1.27\text{dB}$

Product	UHD751-P		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

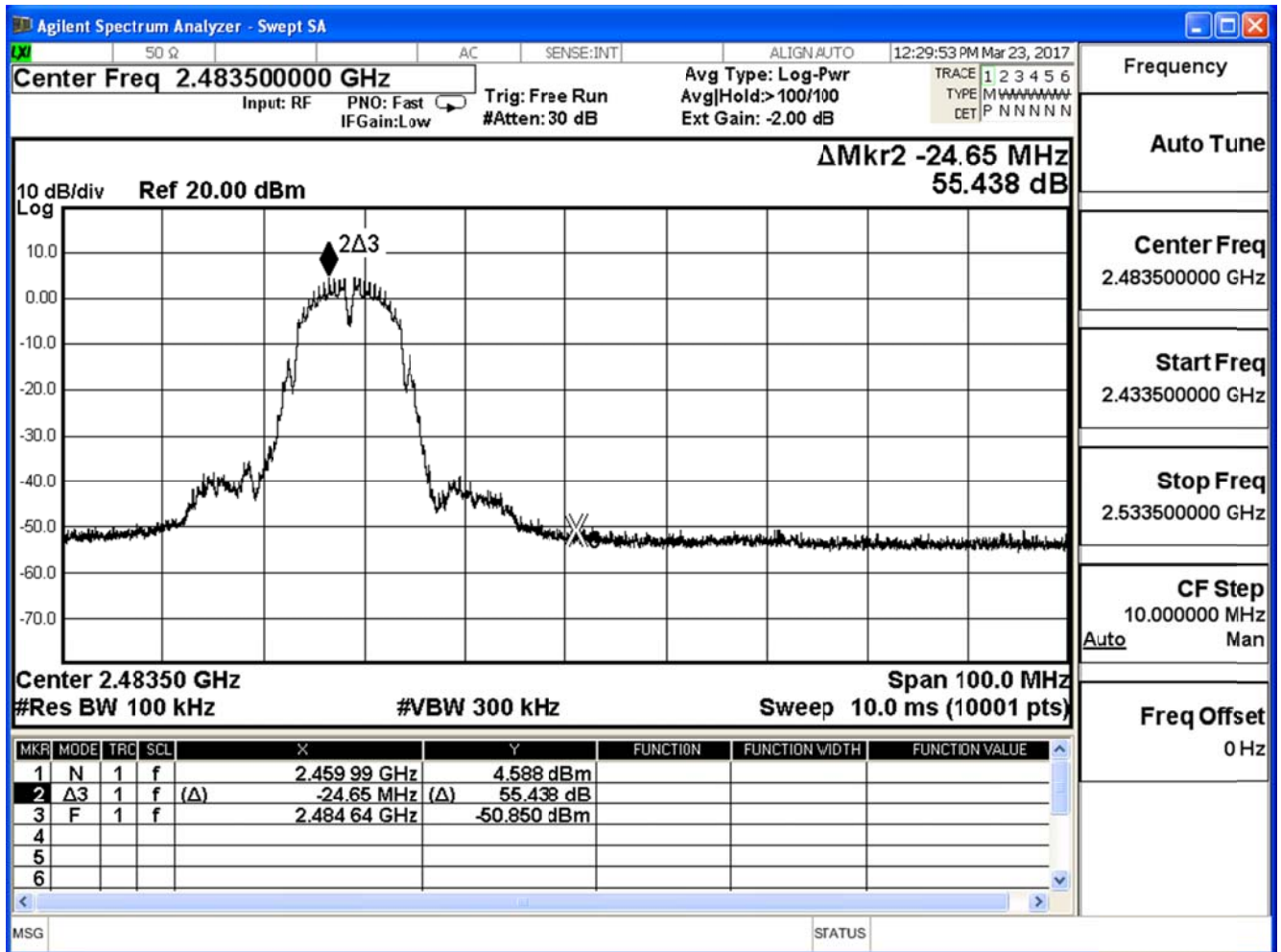
IEEE 802.11b (ANT 0)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	42.751	≥ 20	Pass
6	2437	54.213	≥ 20	Pass
11	2462	55.438	≥ 20	Pass



Channel 6



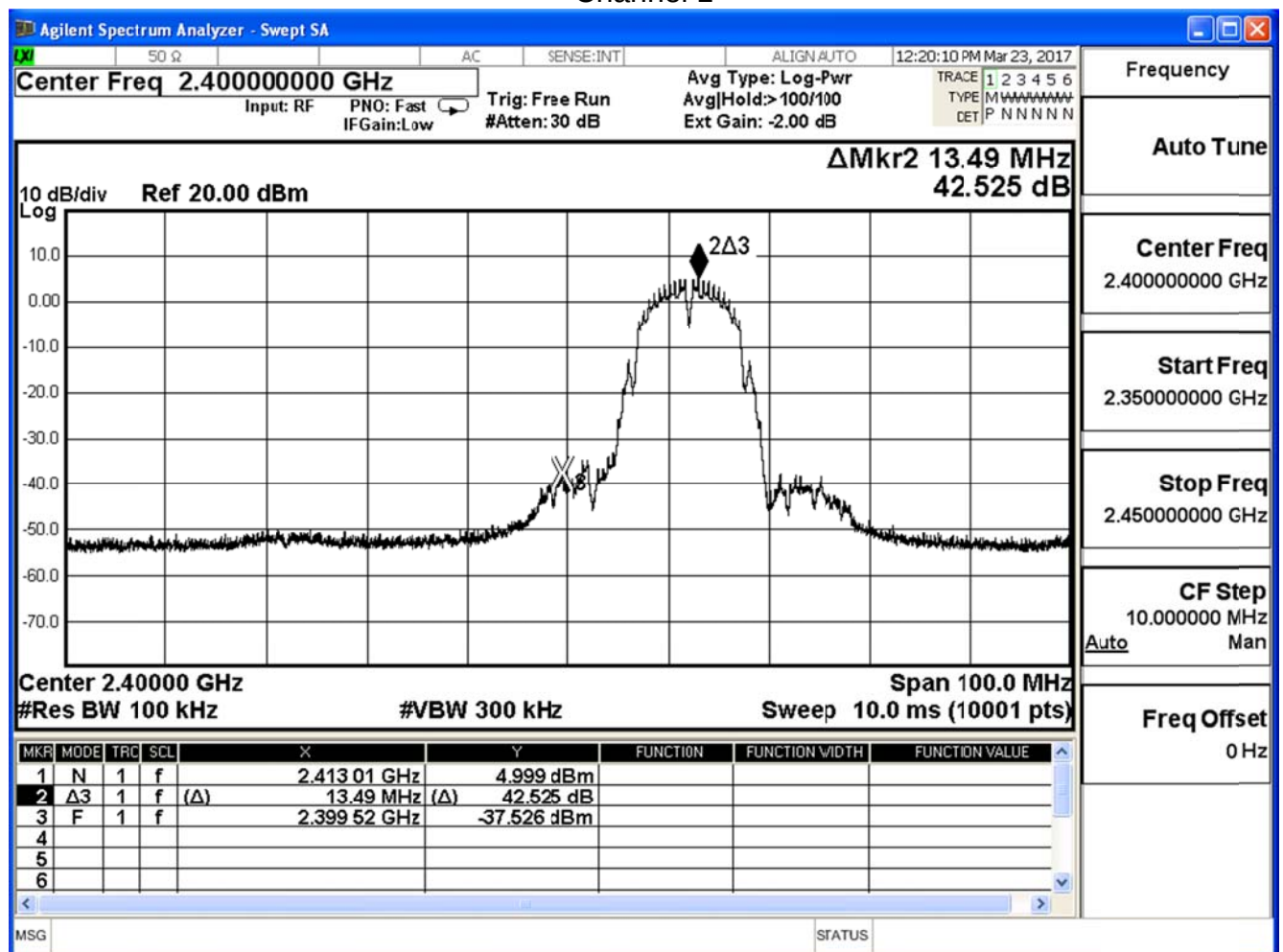
Channel 11



Product	UHD751-P		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11b (ANT 1)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	42.525	≤ 20	Pass
6	2437	54.222	≤ 20	Pass
11	2462	55.492	≤ 20	Pass

Channel 1



Channel 6

