FCC Test Report
(Class II Permissive Change)

Product Name	Flat Panel Detector
Model No	8265NGW
FCC ID.	2AS4N000001

Applicant	InnoCare Optoelectronics Corp
Address	Rm. B, No. 2, Sec. 2, Huanxi Rd., Southern Taiwan Science Park, Xinshi Dist., Tainan City 741, Taiwan, R.O.C.

Date of Receipt	Aug. 06, 2019
Issue Date	Oct. 04, 2019
Report No.	1990214R-RFUSP01V00-A
Report Version	V1.0

Testing Laboratory
3023

The test results relate only to the samples tested.
The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
This report must not be used to claim product endorsement by TAF or any agency of the government.
The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd

Test Report

Issue Date: Oct. 04, 2019
Report No.: 1990214R-RFUSP01V00-A

Product Name	Flat Panel Detector
Applicant	InnoCare Optoelectronics Corp
Address	Rm. B, No. 2, Sec. 2, Huanxi Rd., Southern Taiwan Science Park, Xinshi Dist., Tainan City 741, Taiwan, R.O.C.
Manufacturer	INTEL CORPORATION SAS
Model No.	8265NGW
FCC ID.	2AS4N000001
EUT Rated Voltage	DC 3.3V
EUT Test Voltage	DC 3.3V
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2018 ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By : Leven Huang

(Senior Adm. Specialist / Leven Huang)

Tested By : Jason Tuan

(Engineer / Jason Tuan)

Approved By :

(Director / Vincent Lin)

TABLE OF CONTENTS

	Description	Page
1.	**GENERAL INFORMATION**	**4**
1.1.	EUT Description	4
1.2.	Operational Description	7
1.3.	Tested System Details	8
1.4.	Configuration of Tested System	8
1.5.	EUT Exercise Software	8
1.6.	Test Facility	9
1.7.	List of Test Equipment	10
2.	**Peak Power Output**	**11**
2.1.	Test Setup	11
2.2.	Limits	11
2.3.	Test Procedure	11
2.4.	Uncertainty	11
2.5.	Test Result of Peak Power Output	12
3.	**Radiated Emission**	**22**
3.1.	Test Setup	22
3.2.	Limits	23
3.3.	Test Procedure	24
3.4.	ncertainty	25
3.5.	Test Result of Radiated Emission	26
4.	**Band Edge**	**161**
4.1.	Test Setup	161
4.2.	Limits	161
4.3.	Test Procedure	162
4.4.	Uncertainty	163
4.5.	Test Result of Band Edge	164
5.	**Duty Cycle**	**324**
5.1.	Test Setup	324
5.2.	Test Procedure	324
5.3.	Uncertainty	324
5.4.	Test Result of Duty Cycle	325
6.	**EMI Reduction Method During Compliance Testing**	**333**

Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Flat Panel Detector
Trade Name	Intel
Model No.	8265NGW
FCC ID.	2AS4N000001
Frequency Range	2412-2472MHz for 802.11b/g/n-20BW, 2422-2462MHz for 802.11n-40BW
Number of Channels	802.11b/g/n-20MHz: 13, 802.11n-40MHz: 9
Data Speed	802.11b: 1-11Mbps, 802.11g: 6-54Mbps, 802.11n: up to 300Mbps
Channel separation	802.11b/g/n: 5 MHz
Type of Modulation	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g/n: OFDM (BPSK, QPSK, 16QAM, 64QAM)
Antenna Type	Slot Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”
Test Platform	Product name: X-Ray Flat Panel Detector Brand: INCX Model number: Yushan V17G, Yushan V17C
Signal and Power Cable	Non-Shielded, 2.4m
Power Adapter	MFR: MEAN WELL, M/N: GSM60A24 Input: AC 100-240V, 50/60Hz, 1.4-0.7A Output: DC 24V⎓2.5A, 60W MAX. Cable Out: Non-Shielded, 1.4m, with one ferrite core bonded.

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	taoglas	PC142.54.0300A (Main) PC142.54.0500A (Aux)	Slot Antenna	-4.5dBi for 2.4 GHz

802.11b/g/n-20MHz Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 01:	2412 MHz	Channel 02:	2417 MHz	Channel 03:	2422 MHz	Channel 04:	2427 MHz
Channel 05:	2432 MHz	Channel 06:	2437 MHz	Channel 07:	2442 MHz	Channel 08:	2447 MHz
Channel 09:	2452 MHz	Channel 10:	2457 MHz	Channel 11:	2462 MHz	Channel 12:	2467 MHz
Channel 13:	2472 MHz						

802.11n-40MHz Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 03:	2422 MHz	Channel 04:	2427 MHz	Channel 05:	2432 MHz	Channel 06:	2437 MHz
Channel 07:	2442 MHz	Channel 08:	2447 MHz	Channel 09:	2452 MHz	Channel 10:	2457 MHz
Channel 11:	2462 MHz						

Note:

1. The EUT is an Flat Panel Detector with a built-in WLAN (802.11a/b/g/n/ac) transceiver, this report for 2.4GHz WLAN.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
4. These tests are conducted on a sample for the purpose of demonstrating compliance of transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.
5. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.
6. The model Yushan V17C is similar to model Yushan V17G, except for scintillator material (C stands for CsI; G stands for GOS).The identification of test sample is Yushan V17G.
   (The part of others, as RF module, antenna, power, and software, are the same.)
7. This is to request a Class II permissive change for FCC ID: 2AS4N000001.
   The major change filed under this application is:
   Change #1: Additional Chassis is added, Product name: X-Ray Flat Panel Detector, Brand: INCX, Model number: Yushan V17G, Yushan V17C.
   #2: Addition a new antenna, the antenna type is different from the original application.
   #3: Output power is reduced through firmware, and SAR was measured.
   (Only reduce Wi-Fi 5G Output Power, Wi-Fi 2.4G Output Power haven't changes).
   #4: Trun off BT funtion through firmware.

Test Mode:	Mode 1 SISO A: Transmit (802.11b 1Mbps)
	Mode 1 SISO A: Transmit (802.11g 6Mbps)
	Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps)
	Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps)
	Mode 2 SISO B: Transmit (802.11b 1Mbps)
	Mode 2 SISO B: Transmit (802.11g 6Mbps)
	Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps)
	Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps)
	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)
	Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)

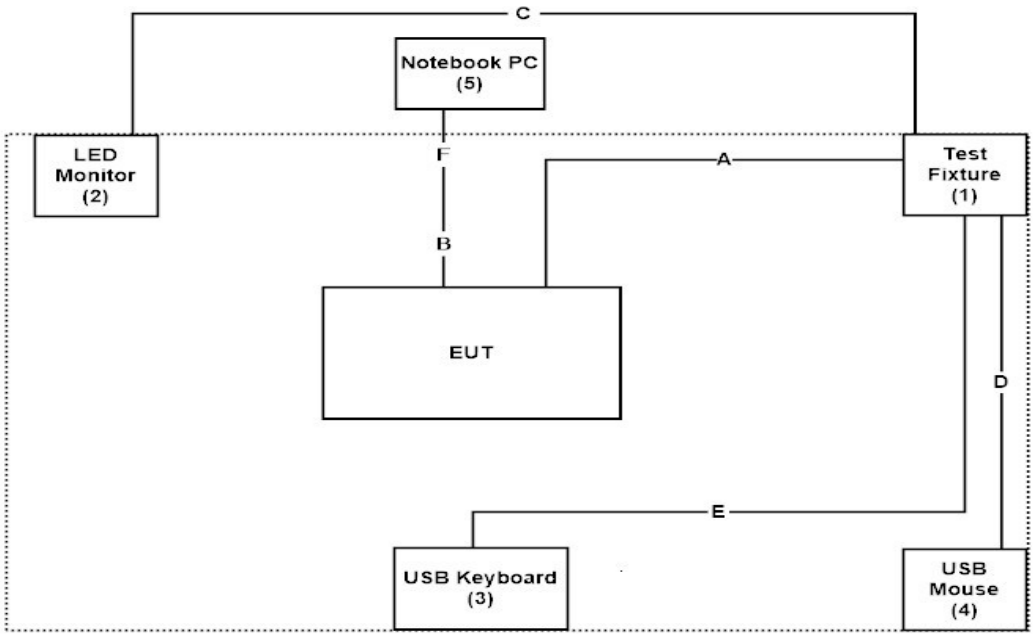
1.3. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Test Fixture	InnoCare	N/A	N/A	N/A
2	LED Monitor	ViewSonic	VX2257-mhd	UFY163502150	Non-Shielded, 1.8m
3	USB Keyboard	DELL	SK-8115	MY-0DJ325-71619-6A3-1914	N/A
4	USB Mouse	DELL	M056U0A	F0Y01YEC	N/A
5	Notebook PC	DELL	Latitude E5440	74BTK32	Non-Shielded, 0.8m

Signal Cable Type		Signal cable Description
A	Test Fixture Cable	Non-Shielded, 1.8m
B	Signal and Power Cable	Non-Shielded, 2.4m
C	Display Cable	Non-Shielded, 1.8m, with two ferrite cores bonded.
D	USB Mouse Cable	Non-Shielded, 1.8m
E	USB Keyboard Cable	Non-Shielded, 1.8m
F	LAN Cable	Non-Shielded, 2m

1.4. Configuration of Tested System



1.5. EUT Exercise Software

(1) Setup the EUT as shown on 1.4

(2) Execute software “DRTU (Ver 11.1803.0-06808)” on the EUT.

(3) Configure the test mode, the test channel, and the data rate.

(4) Start the continuous transmission.

(5) Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

USA : FCC Registration Number: TW3023

Canada : IC Registration Number: 4075A

Site Description: Accredited by TAF
Accredited Number: 3023

Test Laboratory: DEKRA Testing and Certification Co., Ltd
Address: No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C.
Phone number: 886-2-8601-3788
Fax number: 886-2-8601-3789
Email address: info.tw@dekra.com
Website: http://www.dekra.com.tw

1.7. List of Test Equipment

For Conducted measurements /CB3/SR8

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Date	Due. Date
	Temperature Chamber	WIT GROUP	TH-1S-B	EQ-201-00146	2019/02/26	2020/02/25
X	Spectrum Analyzer	Agilent	N9010A	MY52220597	2018/10/11	2019/10/10
X	Peak Power Analyzer	Keysight	8990B	MY51000410	2019/08/01	2020/07/31
X	Wideband Power Sensor	Keysight	N1923A	MY56080003	2019/07/25	2020/07/24
X	Wideband Power Sensor	Keysight	N1923A	MY56080004	2019/07/25	2020/07/24
	EMI Test Receiver	R&S	ESCS 30	100369	2018/11/19	2019/11/18
	LISN	R&S	ENV216	101105	2019/03/30	2020/03/29
	LISN	R&S	ESH3-Z5	836679/014	2019/04/02	2020/04/01
	Coaxial Cable	DEKRA	RG 400	LC018-RG	2019/06/21	2020/06/20

For Radiated measurements /Site3/CB8

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Date	Due. Date
X	Spectrum Analyzer	R&S	FSP40	100170	2019/03/11	2020/03/10
X	Loop Antenna	Teseq	HLA6121	37133	2018/10/13	2019/10/12
X	Bilog Antenna	Schaffner Chase	CBL6112B	2707	2019/06/24	2020/06/23
X	Coaxial Cable	DEKRA	RG 214	LC003-RG	2019/06/14	2020/06/13
X	Pre-Amplifier	Jet-Power	JPA-10M1G33	170101000330010	2019/06/14	2020/06/13
X	Horn Antenna	ETS-Lindgren	3117	00135205	2019/05/03	2020/05/02
X	Horn Antenna	SCHWARZBECK	9120D	576	2018/12/18	2019/12/17
X	Pre-Amplifier	EMCI	EMC012630SE	980210	2019/04/10	2020/04/09
	Horn Antenna	Com-Power	AH-840	101043	2019/01/09	2020/01/08
	Amplifier + Cable	EMCI	EMC184045SE	980370	2019/03/21	2020/03/20
X	Filter	MICRO-TRONICS	BRM50702	G270	2019/08/06	2020/08/05
	Filter	MICRO-TRONICS	BRM50716	G196	2019/08/06	2020/08/05

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version :QuieTek EMI 2.0 V2.1.113.

2. Peak Power Output

2.1. Test Setup

2.2. Limits

The maximum peak power shall be less 1 Watt.

2.3. Test Procedure

The EUT was tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using KDB 558074 D01 DTS Meas Guidance v04 section 9.1.3 PKPM1 Peak power meter method.

2.4. Uncertainty

± 1.27 dB

2.5. Test Result of Peak Power Output

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11	1		
		Measurement Level (dBm)						
01	2412	17.9	--	--	--	20.73	<30dBm	Pass
07	2442	19.99	19.93	19.87	19.78	22.64	<30dBm	Pass
11	2462	18.48	--	--	--	20.84	<30dBm	Pass
12	2467	13.99	--	--	--	16.85	<30dBm	Pass
13	2472	7.56	--	--	--	10.35	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		6	9	12	18	24	36	48	54	6		
		Measurement Level (dBm)										
01	2412	16.23	--	--	--	--	--	--	--	24.55	<30dBm	Pass
07	2442	19.94	19.89	19.86	19.82	19.71	19.62	19.55	19.43	28.08	<30dBm	Pass
11	2462	16.77	--	--	--	--	--	--	--	24.77	<30dBm	Pass
12	2467	12.1	--	--	--	--	--	--	--	20.04	<30dBm	Pass
13	2472	-3.14	--	--	--	--	--	--	--	5.05	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
01	2412	16.41	--	--	--	--	--	--	--	24.22	<30dBm	Pass
07	2442	19.85	19.74	19.68	19.59	19.53	19.48	19.44	19.34	28.33	<30dBm	Pass
11	2462	15.88	--	--	--	--	--	--	--	23.9	<30dBm	Pass
12	2467	11.67	--	--	--	--	--	--	--	19.73	<30dBm	Pass
13	2472	-3.38	--	--	--	--	--	--	--	5	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
03	2422	13	--	--	--	--	--	--	--	21.59	<30dBm	Pass
07	2442	15.8	15.77	15.73	15.65	15.55	15.43	15.39	15.30	24.37	<30dBm	Pass
09	2452	14.66	--	--	--	--	--	--	--	23.38	<30dBm	Pass
10	2457	11.47	--	--	--	--	--	--	--	20.17	<30dBm	Pass
11	2462	-4.65	--	--	--	--	--	--	--	4.45	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11	1		
		Measurement Level (dBm)						
01	2412	18.02	--	--	--	20.57	<30dBm	Pass
07	2442	19.98	19.91	19.81	19.72	22.5	<30dBm	Pass
11	2462	18.81	--	--	--	21.36	<30dBm	Pass
12	2467	15.23	--	--	--	17.73	<30dBm	Pass
13	2472	8.18	--	--	--	10.91	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		6	9	12	18	24	36	48	54	6		
		Measurement Level (dBm)										
01	2412	17.6	--	--	--	--	--	--	--	25.9	<30dBm	Pass
07	2442	20.15	20.08	19.95	19.82	19.69	19.58	19.54	19.44	28.84	<30dBm	Pass
11	2462	17.51	--	--	--	--	--	--	--	25.82	<30dBm	Pass
12	2467	12.54	--	--	--	--	--	--	--	20.46	<30dBm	Pass
13	2472	-2.94	--	--	--	--	--	--	--	5.6	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
01	2412	16.45	--	--	--	--	--	--	--	24.65	<30dBm	Pass
07	2442	19.93	19.83	19.75	19.7	19.64	19.61	19.57	19.52	28.39	<30dBm	Pass
11	2462	16.81	--	--	--	--	--	--	--	24.8	<30dBm	Pass
12	2467	11.8	--	--	--	--	--	--	--	19.82	<30dBm	Pass
13	2472	-3.12	--	--	--	--	--	--	--	4.74	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps)

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	HT0		
		Measurement Level (dBm)										
03	2422	15.13	--	--	--	--	--	--	--	24.03	<30dBm	Pass
07	2442	16.03	15.94	15.85	15.79	15.67	15.62	15.56	15.5	24.72	<30dBm	Pass
09	2452	14.71	--	--	--	--	--	--	--	23.25	<30dBm	Pass
10	2457	11.97	--	--	--	--	--	--	--	20.48	<30dBm	Pass
11	2462	-4	--	--	--	--	--	--	--	4.73	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
01	2412	14.83	--	--	--	--	--	--	--	23	<30dBm	Pass
07	2442	18.50	18.46	18.37	18.33	18.28	18.17	18.14	18.04	26.42	<30dBm	Pass
11	2462	15.26	--	--	--	--	--	--	--	23.42	<30dBm	Pass
12	2467	8.43	--	--	--	--	--	--	--	16.91	<30dBm	Pass
13	2472	-6.39	--	--	--	--	--	--	--	2.33	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
01	2412	14.51	--	--	--	--	--	--	--	23.39	<30dBm	Pass
07	2442	18.41	18.33	18.30	18.26	18.22	18.09	18.00	17.90	27.06	<30dBm	Pass
11	2462	15.3	--	--	--	--	--	--	--	24.08	<30dBm	Pass
12	2467	8.14	--	--	--	--	--	--	--	16.73	<30dBm	Pass
13	2472	-7.21	--	--	--	--	--	--	--	1.83	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	HT8	23.00	23.39	26.21	<30dBm	Pass
07	2442	HT8	26.42	27.06	29.76	<30dBm	Pass
11	2462	HT8	23.42	24.08	26.77	<30dBm	Pass
12	2467	HT8	16.91	16.73	19.83	<30dBm	Pass
13	2472	HT8	2.33	1.83	5.10	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+Chain B (mW))

Product : Flat Panel Detector
Test Item : Peak Power Output Data
Test Site : No.3 OATS
Test date : 2019/10/03
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
03	2422	13.11	--	--	--	--	--	--	--	21.09	<30dBm	Pass
07	2442	14.96	14.85	14.80	14.77	14.69	14.66	14.62	14.58	23.47	<30dBm	Pass
09	2452	12.77	--	--	--	--	--	--	--	21.71	<30dBm	Pass
10	2457	10.55	--	--	--	--	--	--	--	18.90	<30dBm	Pass
11	2462	-6.53	--	--	--	--	--	--	--	2.03	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
		Measurement Level (dBm)										
03	2422	12.78	--	--	--	--	--	--	--	22.21	<30dBm	Pass
07	2442	14.93	14.83	14.76	14.70	14.66	14.57	14.50	14.40	23.86	<30dBm	Pass
09	2452	12.66	--	--	--	--	--	--	--	21.60	<30dBm	Pass
10	2457	10.51	--	--	--	--	--	--	--	19.22	<30dBm	Pass
11	2462	-7.22	--	--	--	--	--	--	--	2.31	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

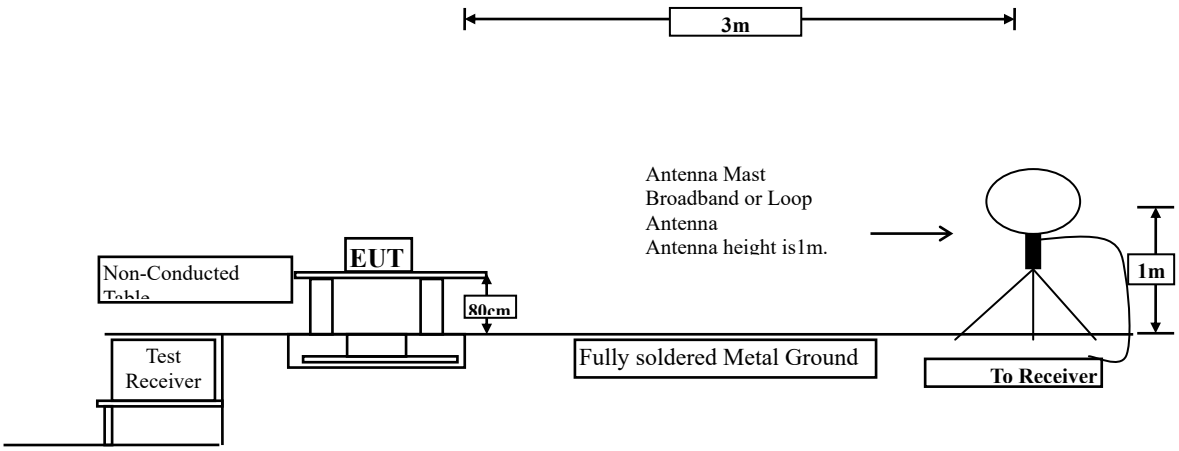
Channel	Frequency (MHz)	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	HT8	21.09	22.21	24.70	<30dBm	Pass
07	2442	HT8	23.47	23.86	26.68	<30dBm	Pass
09	2452	HT8	21.71	21.60	24.67	<30dBm	Pass
10	2457	HT8	18.90	19.22	22.07	<30dBm	Pass
11	2462	HT8	2.03	2.31	5.18	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+Chain B (mW))

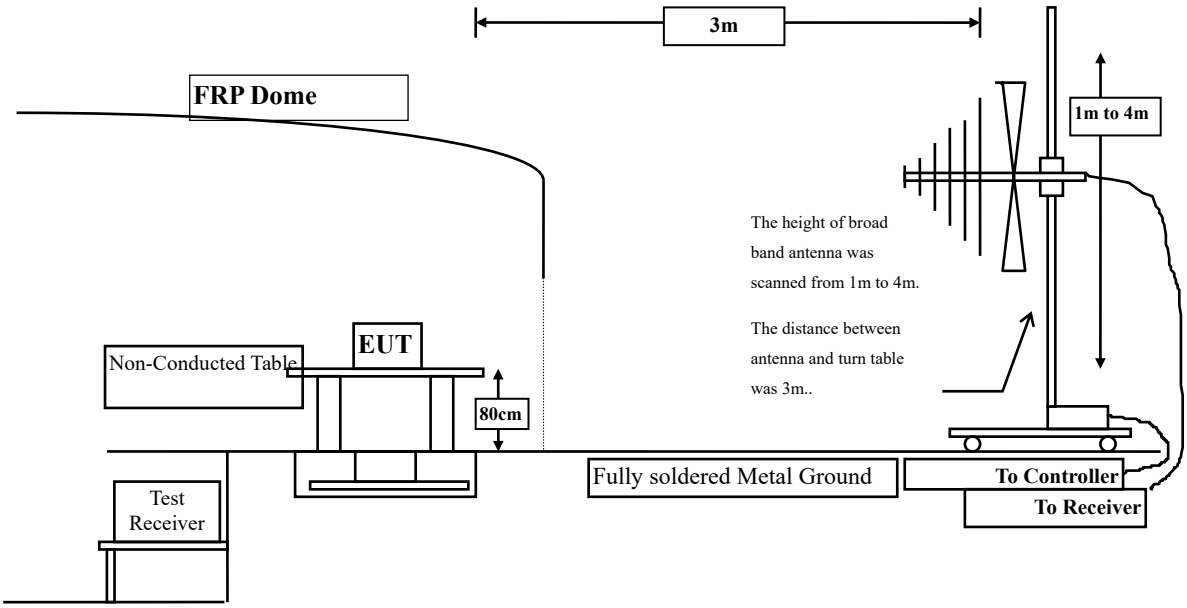
3. Radiated Emission

3.1. Test Setup

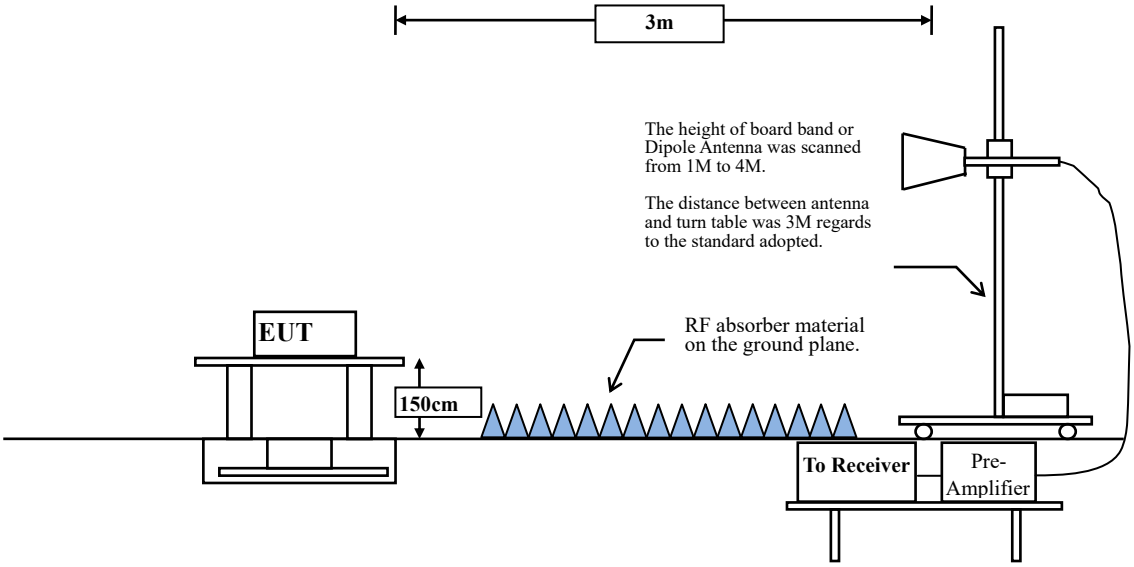
Under 30MHz



Below 1GHz



Above 1GHz



3.2. 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(a) Limits		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

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

3.3. 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.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground,when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

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

RBW and VBW Parameter setting:

According to KDB 558074 Peak power measurement procedure

RBW = as specified in Table 1.

VBW ≥ 3 x RBW.

Table 1 —RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to KDB 558074 Average power measurement procedure

RBW = 1MHz.

VBW = 10Hz, when duty cycle ≥ 98 %

VBW ≥ 1/T, when duty cycle < 98 %

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

SISO A:

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11b	98.84	12.3333	81	10
802.11g	93.98	2.0362	491	500
802.11n20	94.89	1.8841	531	1000
802.11n40	81.05	0.8986	1113	2000

Note: Duty Cycle Refer to Section 5

SISO B:

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11b	98.95	12.3333	81	10
802.11g	94.00	2.0435	489	500
802.11n20	94.93	1.8986	527	1000
802.11n40	81.05	0.8986	1113	2000

Note: Duty Cycle Refer to Section 5

MIMO:

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11n20	83.29	0.9681	1033	2000
802.11n40	83.74	0.4928	2029	3000

Note: Duty Cycle Refer to Section 5

3.4. ncertainty

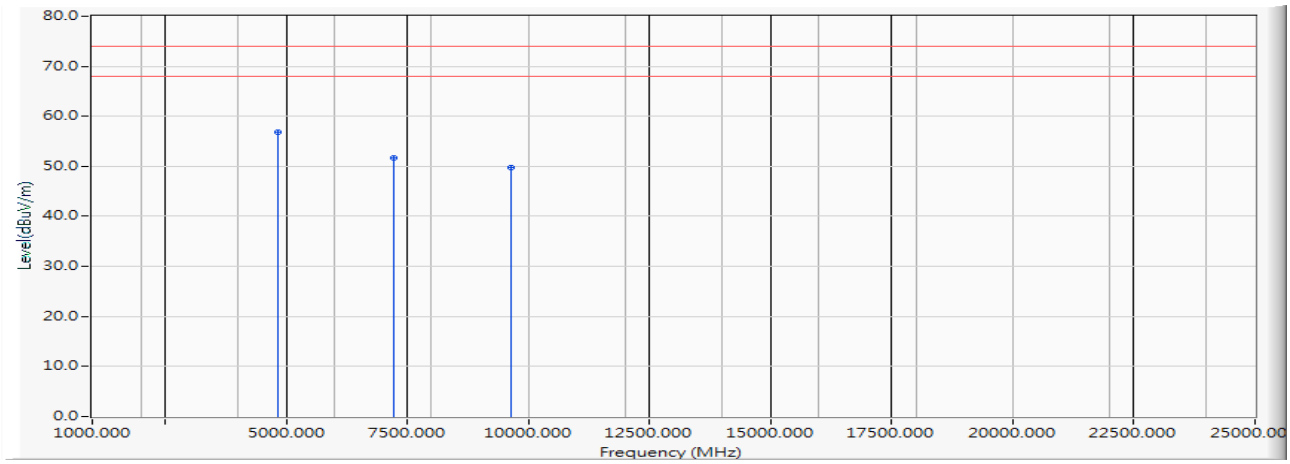
± 4.08 dB above 1GHz

± 4.22 dB below 1GHz

3.5. Test Result of Radiated Emission

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2412MHz)

Horizontal



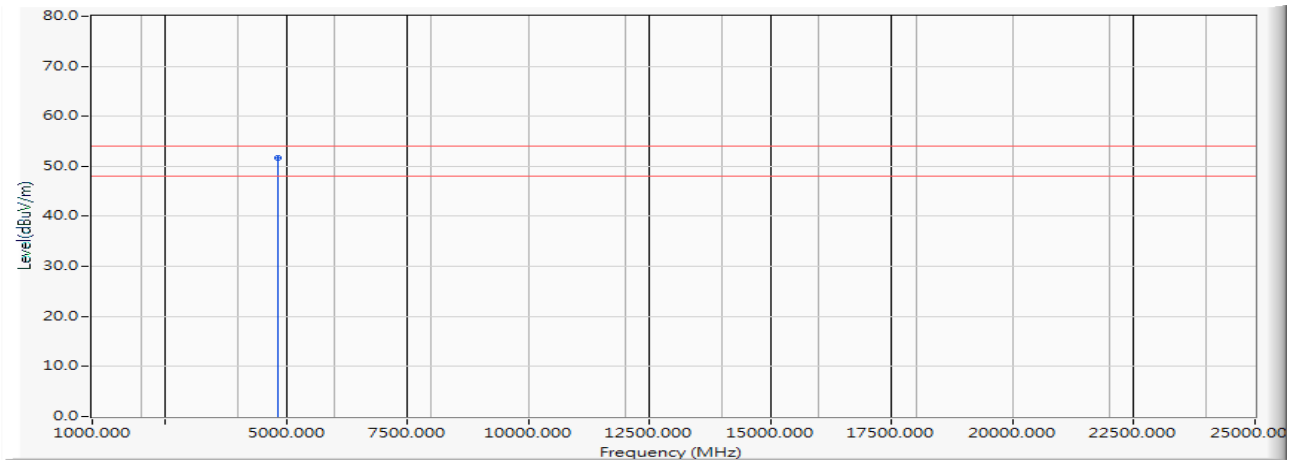
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	4.789	52.010	56.799	-17.201	74.000	PEAK
2		7236.000	12.072	39.638	51.710	-22.290	74.000	PEAK
3		9648.000	11.899	37.947	49.846	-24.154	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2412MHz)

Horizontal



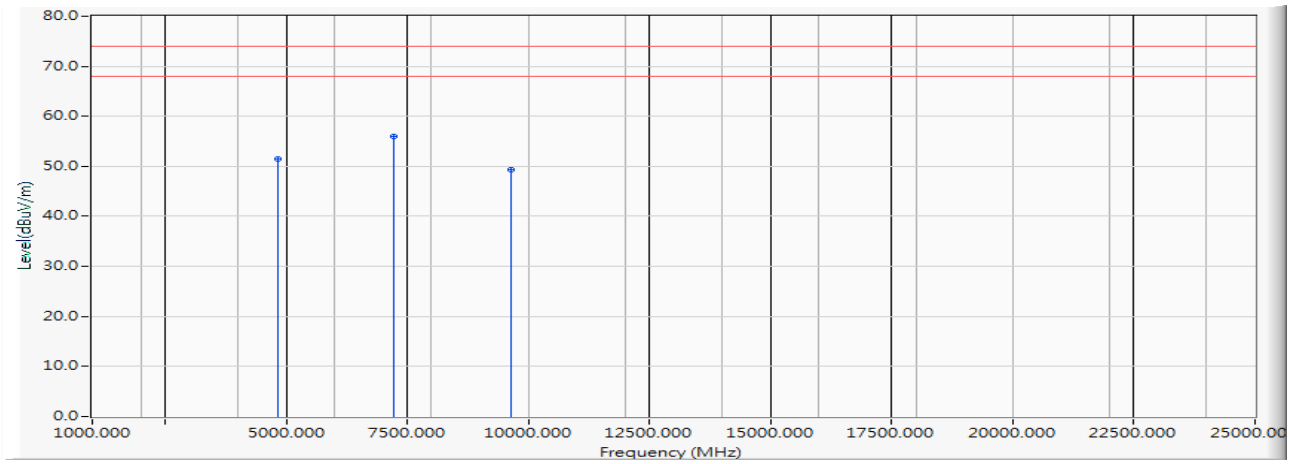
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	4.789	46.890	51.679	-2.321	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2412MHz)

Vertical



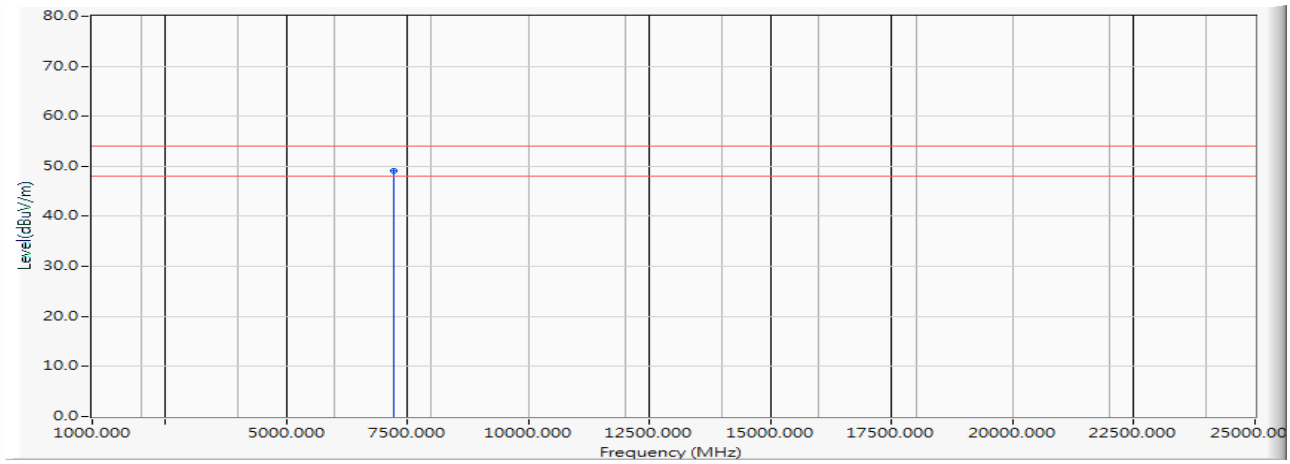
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	46.780	51.569	-22.431	74.000	PEAK
2	*	7236.000	12.072	43.880	55.952	-18.048	74.000	PEAK
3		9648.000	11.899	37.520	49.419	-24.581	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2412MHz)

Vertical



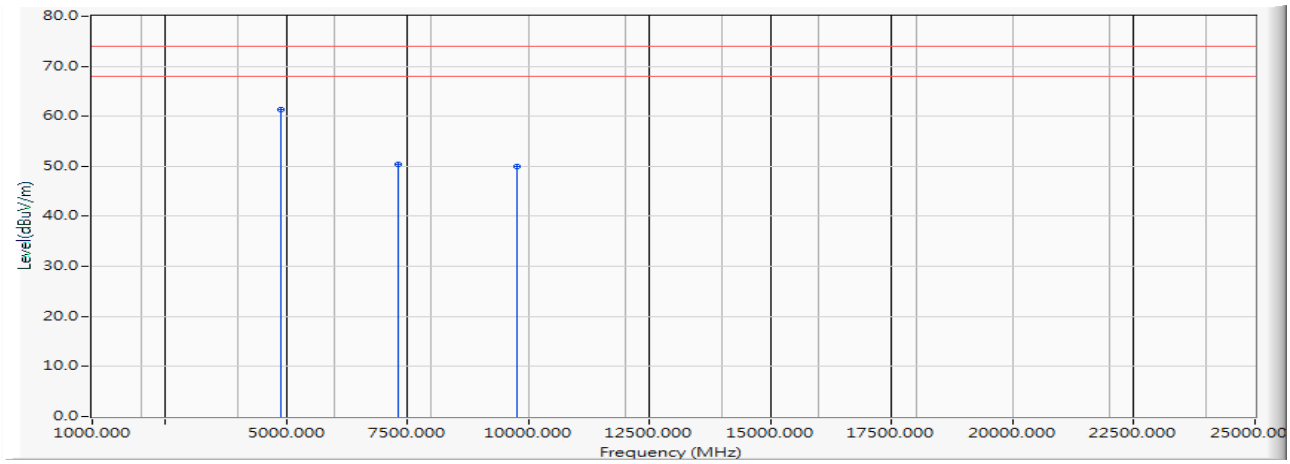
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	12.072	37.046	49.118	-4.882	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2442MHz)

Horizontal



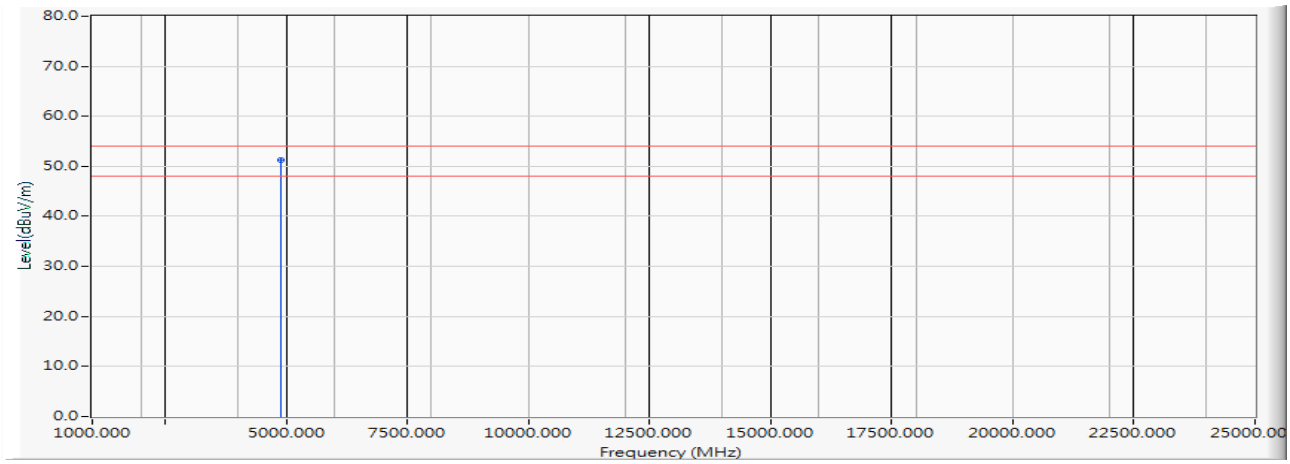
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	56.023	61.361	-12.639	74.000	PEAK
2		7326.000	11.754	38.547	50.301	-23.699	74.000	PEAK
3		9768.000	11.976	38.067	50.043	-23.957	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2442MHz)

Horizontal



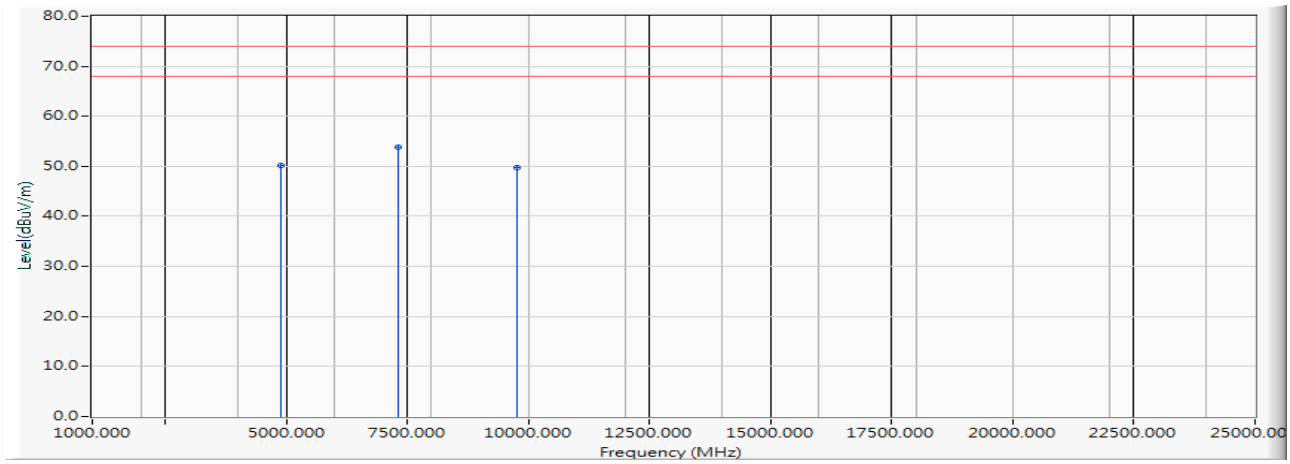
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	46.012	51.350	-2.650	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2442MHz)

Vertical



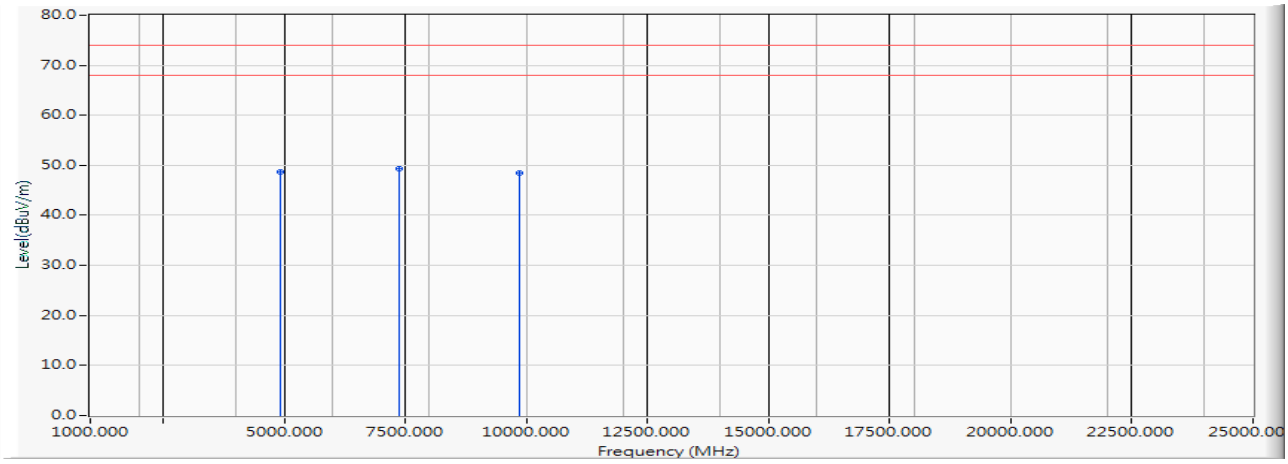
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	44.780	50.118	-23.882	74.000	PEAK
2	*	7326.000	11.754	42.083	53.837	-20.163	74.000	PEAK
3		9768.000	11.976	37.780	49.756	-24.244	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2462MHz)

Horizontal



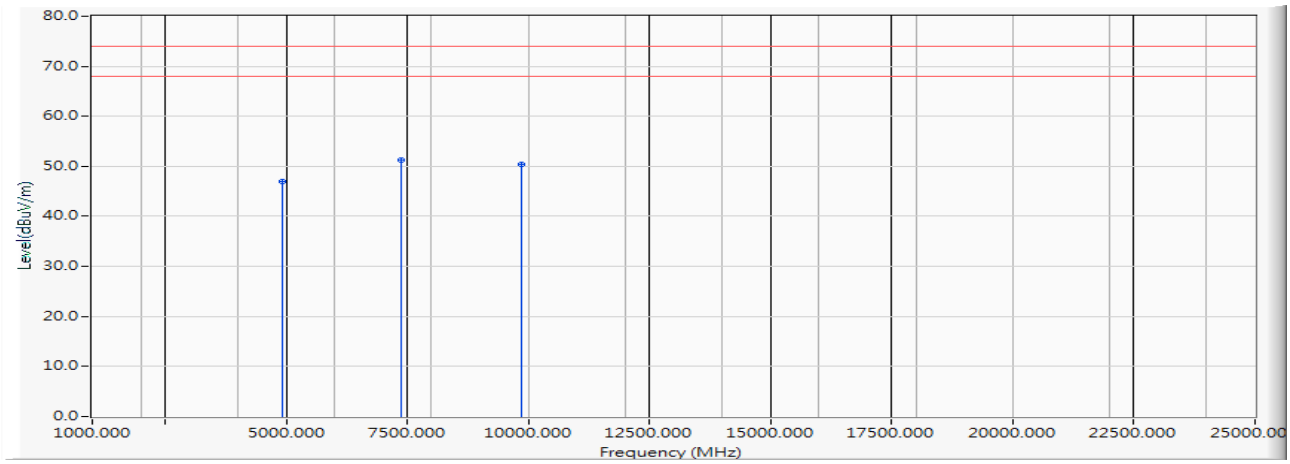
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	43.050	48.755	-25.245	74.000	PEAK
2	*	7386.000	11.345	38.041	49.387	-24.613	74.000	PEAK
3		9848.000	12.390	36.124	48.513	-25.487	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2462MHz)

Vertical



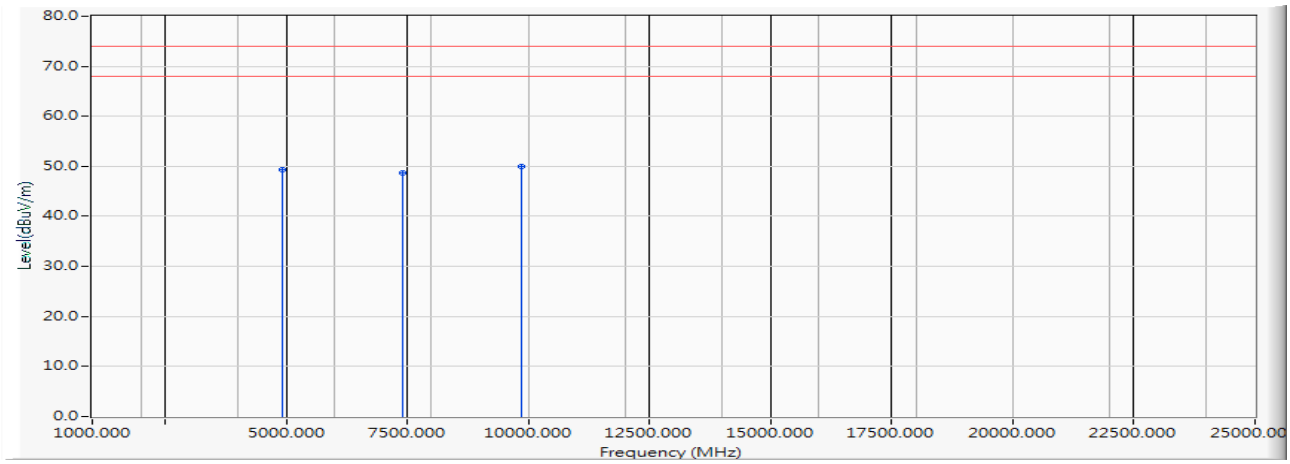
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	41.367	47.072	-26.928	74.000	PEAK
2	*	7386.000	11.345	40.010	51.356	-22.644	74.000	PEAK
3		9848.000	12.390	37.931	50.320	-23.680	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2467MHz)

Horizontal



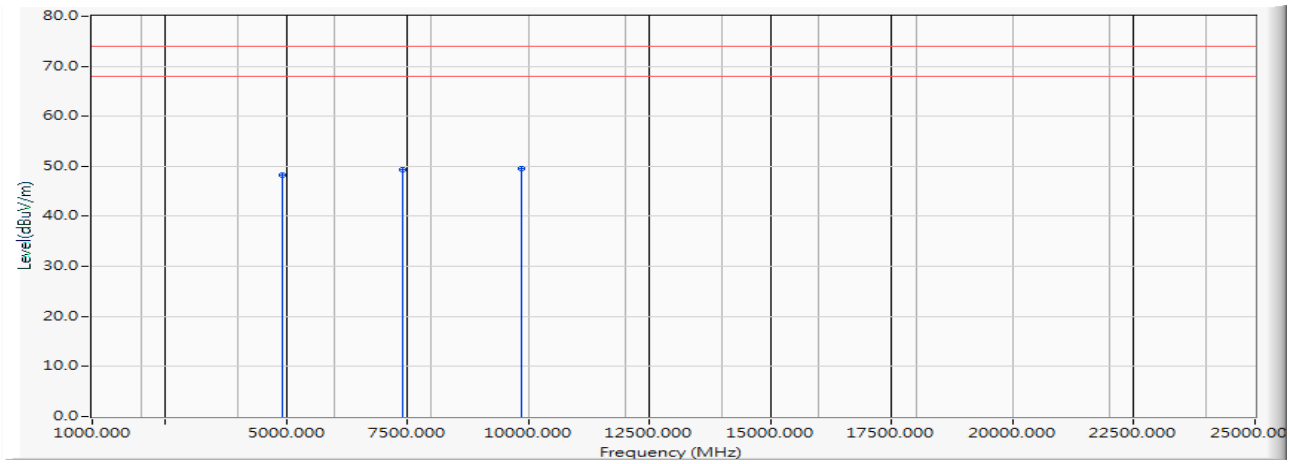
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	43.520	49.316	-24.684	74.000	PEAK
2		7401.000	11.244	37.410	48.654	-25.346	74.000	PEAK
3	*	9868.000	12.491	37.550	50.041	-23.959	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2467MHz)

Vertical



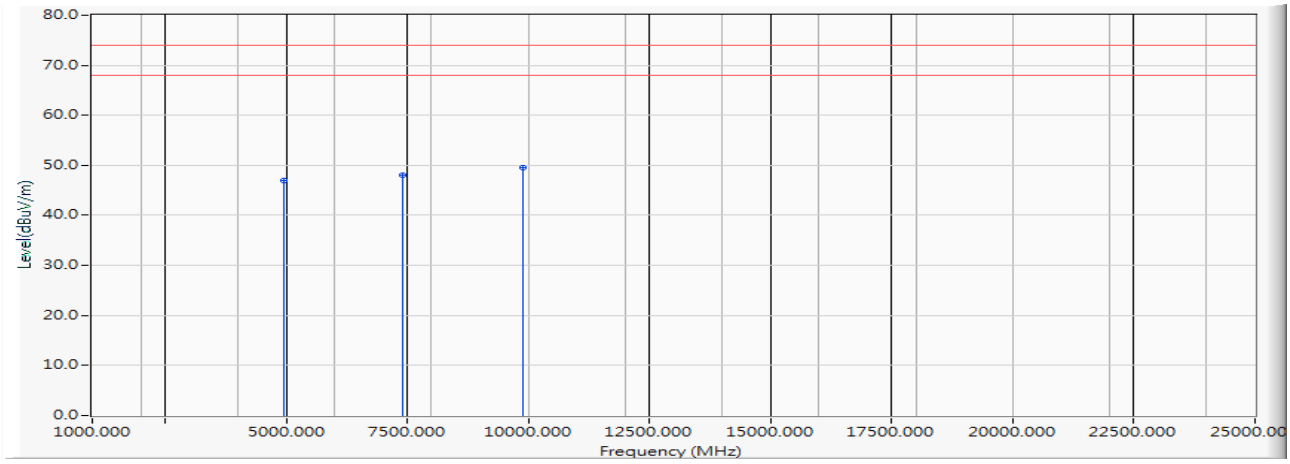
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	42.510	48.306	-25.694	74.000	PEAK
2		7401.000	11.244	38.067	49.311	-24.689	74.000	PEAK
3	*	9868.000	12.491	37.069	49.560	-24.440	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2472MHz)

Horizontal



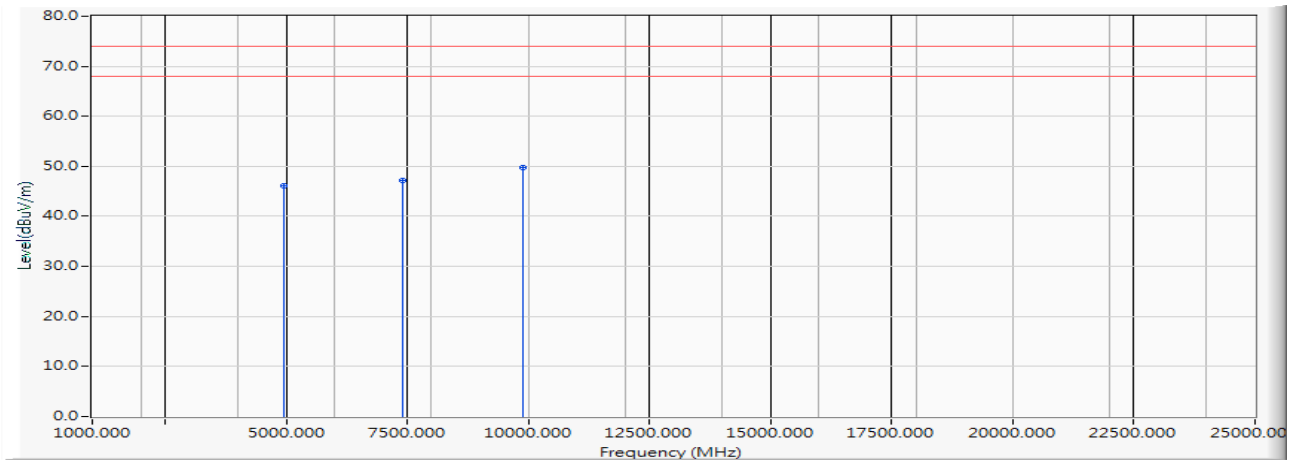
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	41.023	46.911	-27.089	74.000	PEAK
2		7416.000	11.142	36.850	47.991	-26.009	74.000	PEAK
3	*	9888.000	12.594	37.046	49.639	-24.361	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11b 1Mbps) (2472MHz)

Vertical



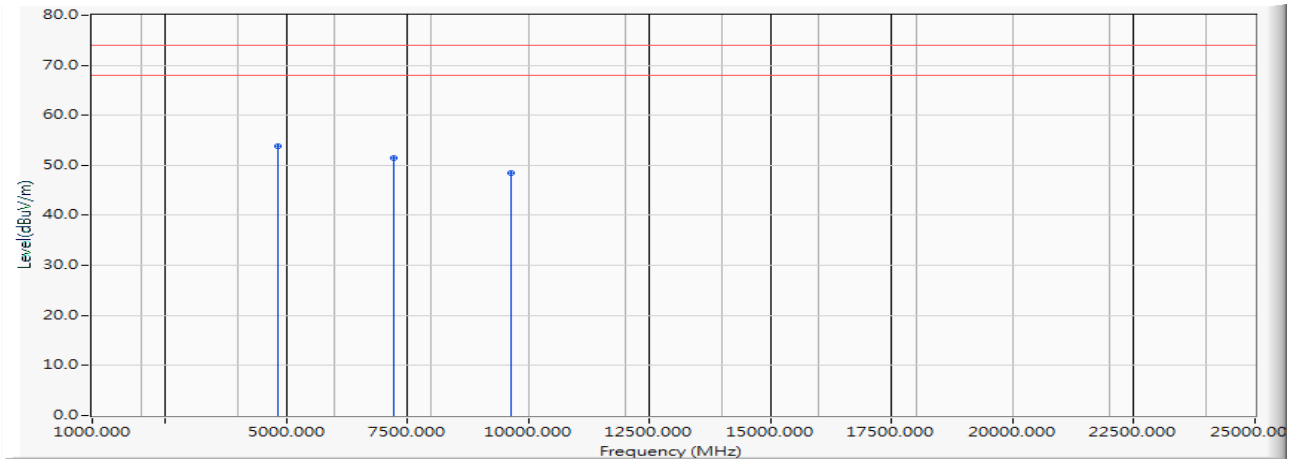
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	40.280	46.168	-27.832	74.000	PEAK
2		7416.000	11.142	36.078	47.219	-26.781	74.000	PEAK
3	*	9888.000	12.594	37.103	49.696	-24.304	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2412MHz)

Horizontal



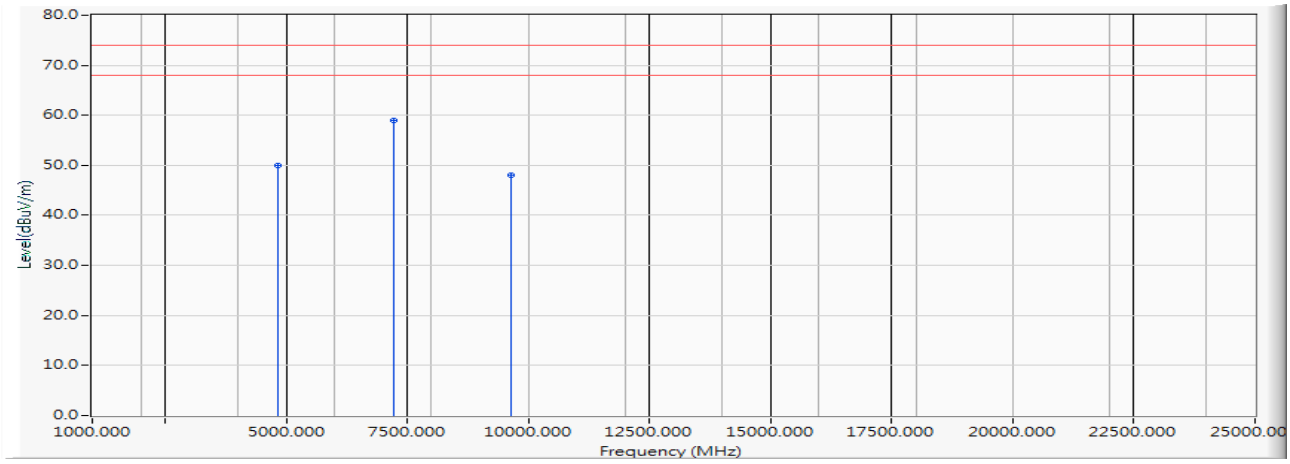
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	4.789	49.012	53.801	-20.199	74.000	PEAK
2		7236.000	12.072	39.472	51.544	-22.456	74.000	PEAK
3		9648.000	11.899	36.580	48.479	-25.521	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2412MHz)

Vertical



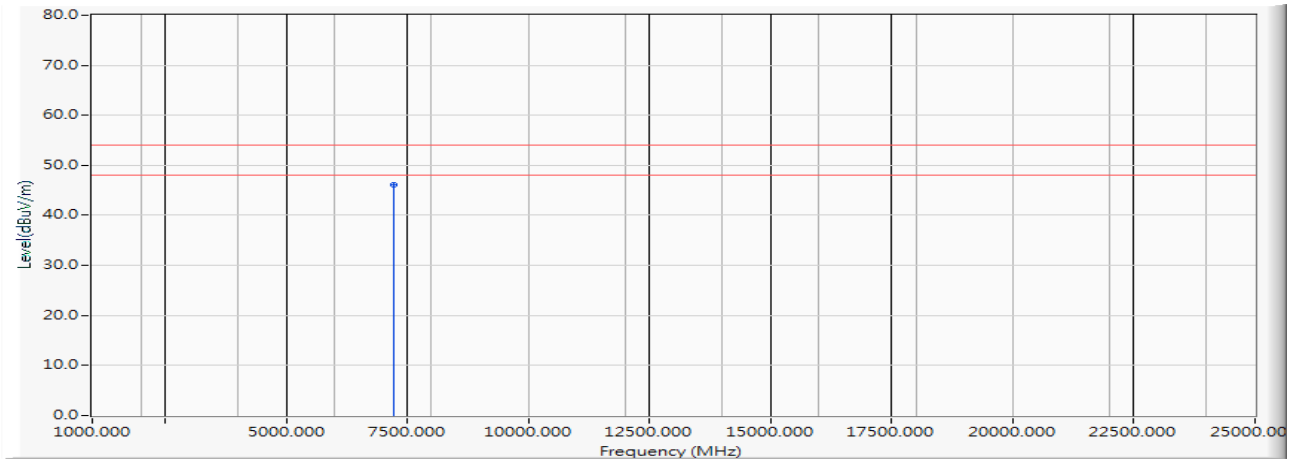
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	45.160	49.949	-24.051	74.000	PEAK
2	*	7236.000	12.072	46.890	58.962	-15.038	74.000	PEAK
3		9648.000	11.899	36.046	47.945	-26.055	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2412MHz)

Vertical



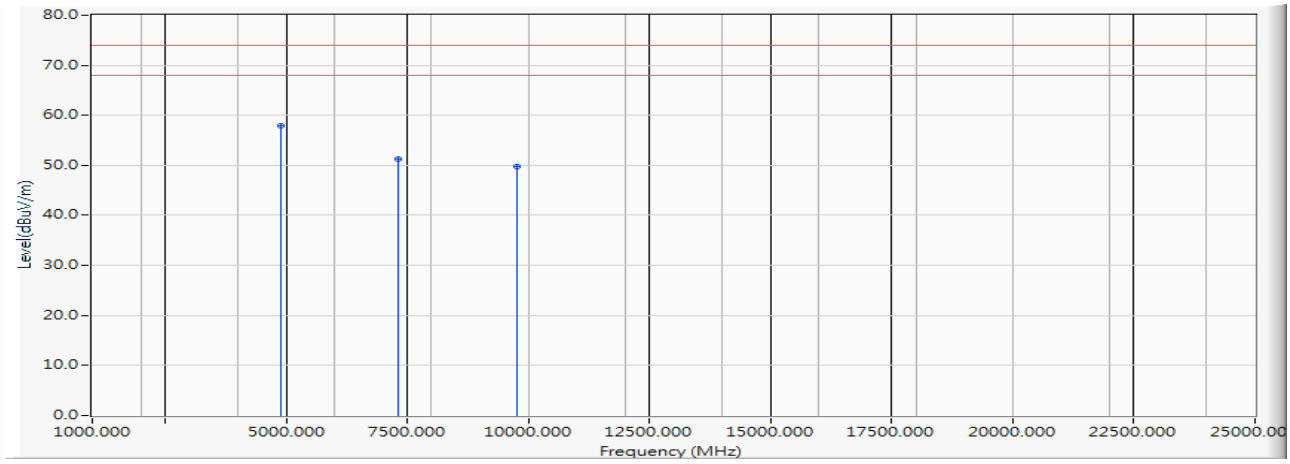
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	12.072	34.018	46.090	-7.910	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2442MHz)

Horizontal



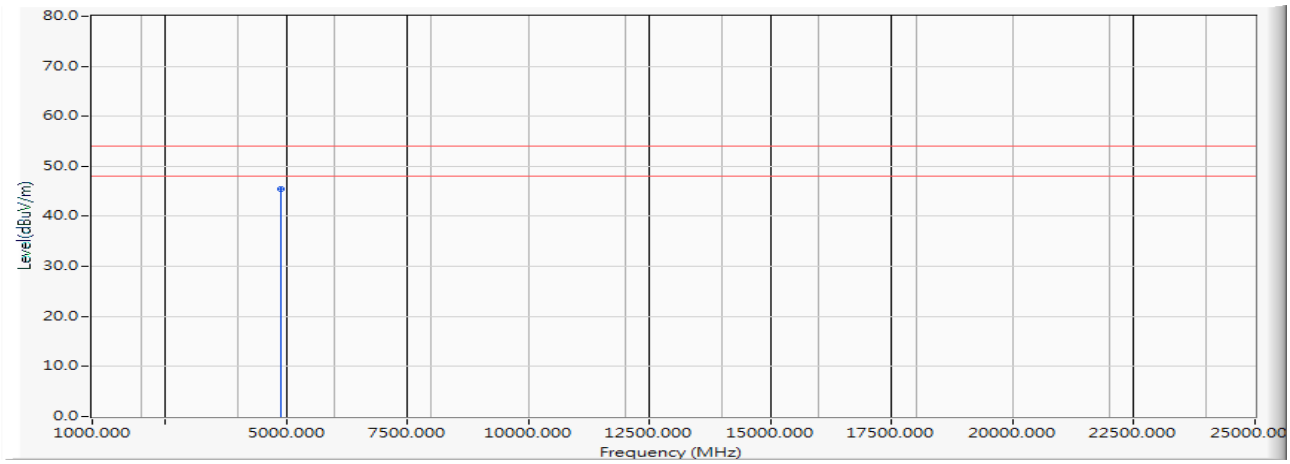
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	52.496	57.834	-16.166	74.000	PEAK
2		7326.000	11.754	39.496	51.250	-22.750	74.000	PEAK
3		9768.000	11.976	37.846	49.822	-24.178	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2442MHz)

Horizontal



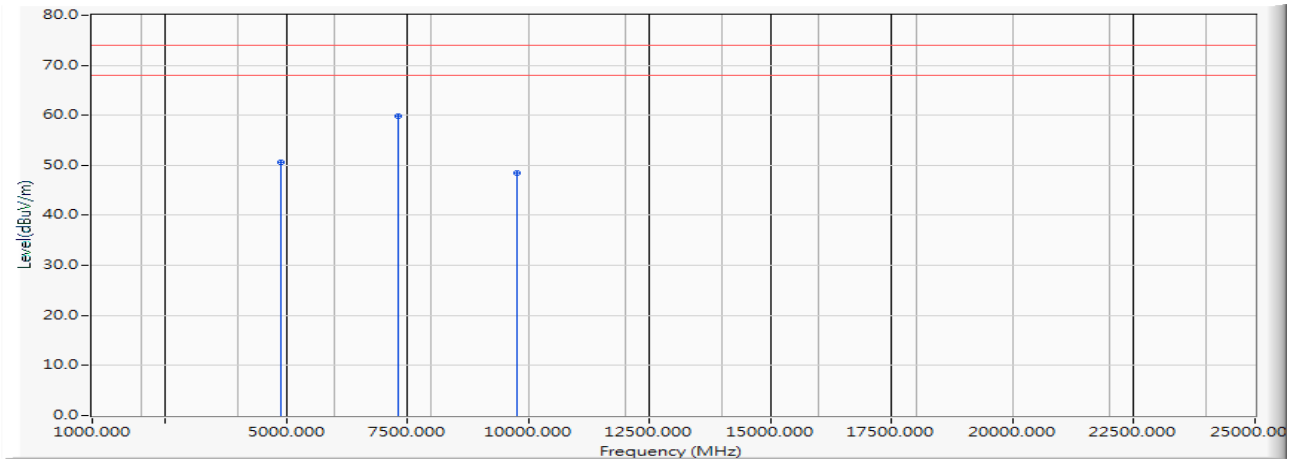
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	40.127	45.465	-8.535	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2442MHz)

Vertical



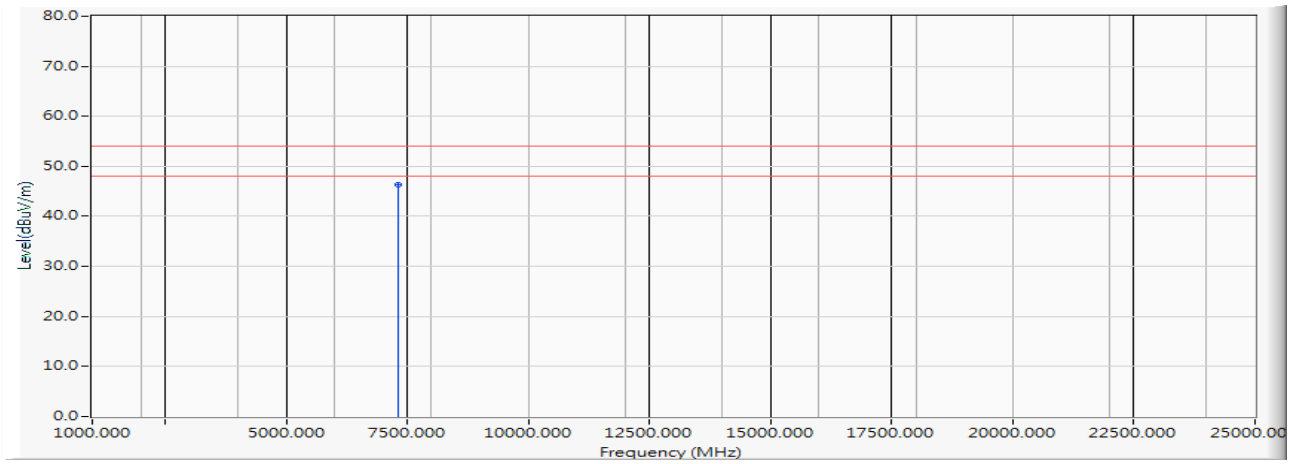
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	45.198	50.536	-23.464	74.000	PEAK
2	*	7326.000	11.754	48.036	59.790	-14.210	74.000	PEAK
3		9768.000	11.976	36.487	48.463	-25.537	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2442MHz)

Vertical



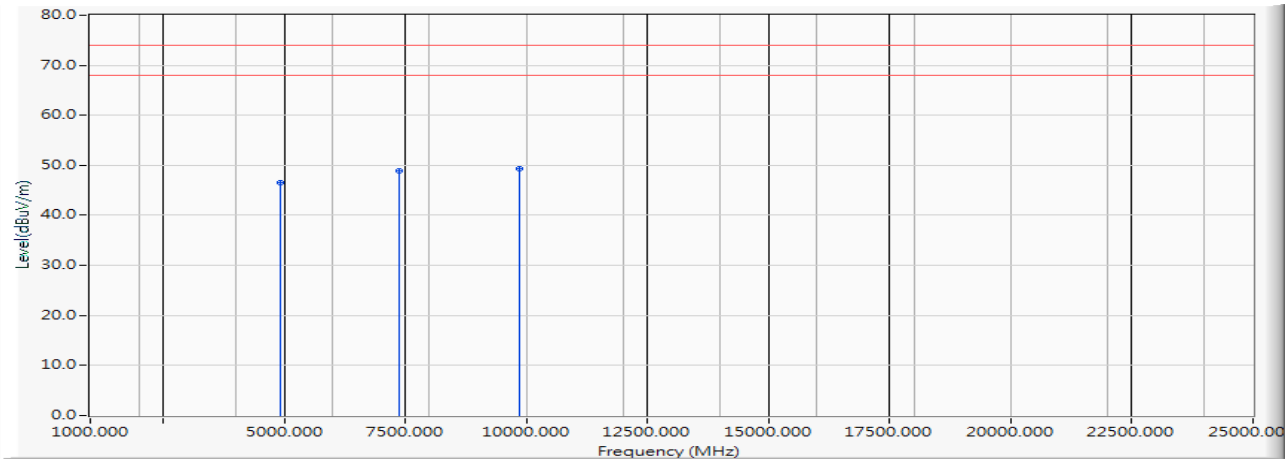
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7326.000	11.754	34.570	46.324	-7.676	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2462MHz)

Horizontal



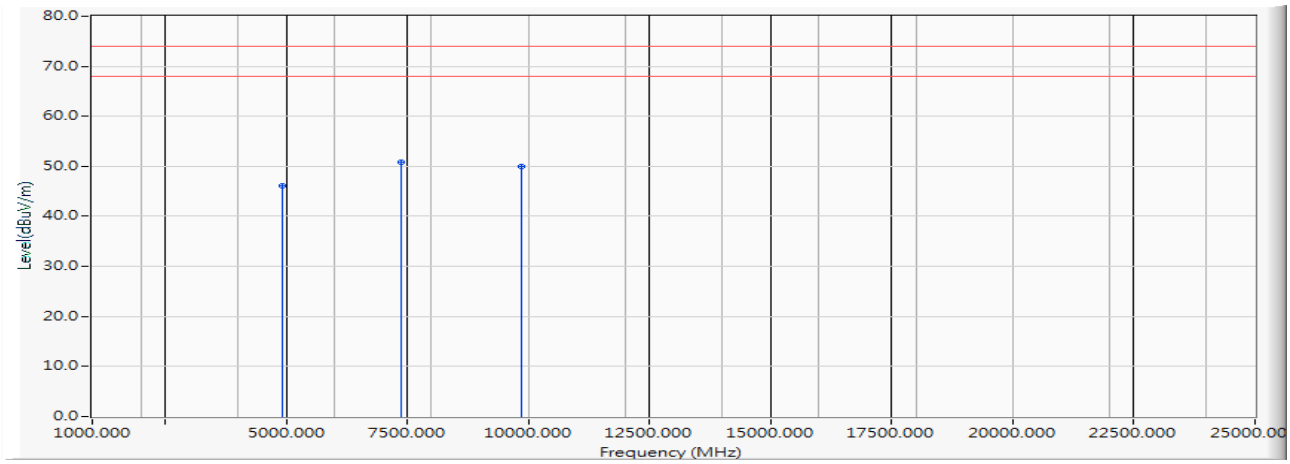
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	40.780	46.485	-27.515	74.000	PEAK
2		7386.000	11.345	37.529	48.875	-25.125	74.000	PEAK
3	*	9848.000	12.390	37.041	49.430	-24.570	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2462MHz)

Vertical



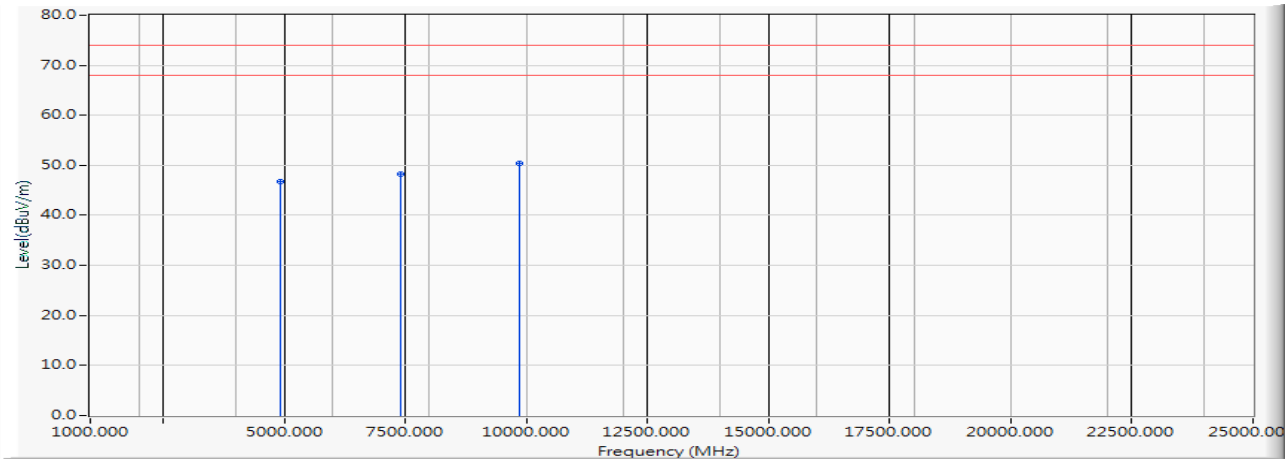
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	40.457	46.162	-27.838	74.000	PEAK
2	*	7386.000	11.345	39.578	50.924	-23.076	74.000	PEAK
3		9848.000	12.390	37.486	49.875	-24.125	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2467MHz)

Horizontal



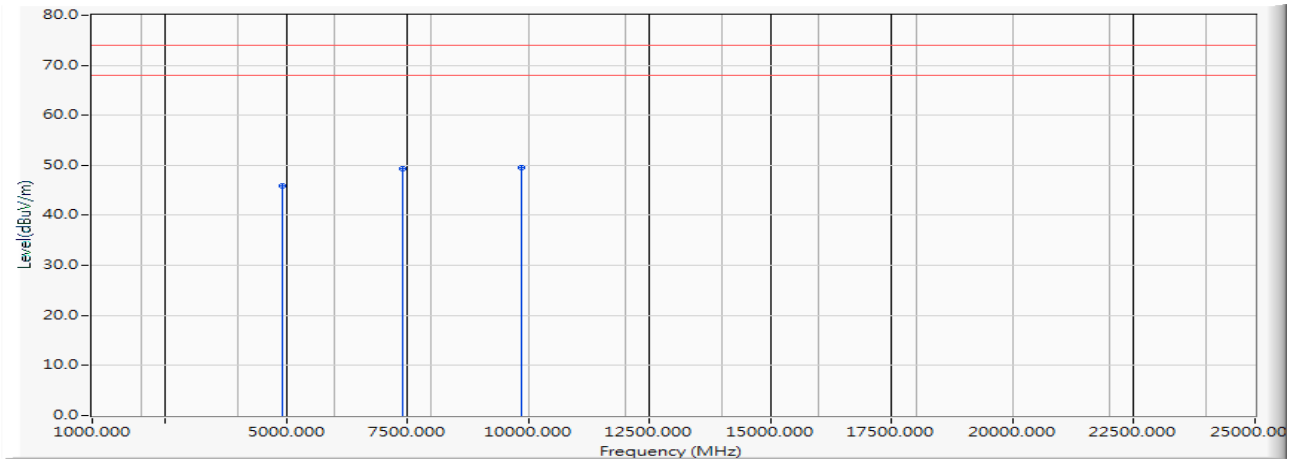
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	41.036	46.832	-27.168	74.000	PEAK
2		7401.000	11.244	37.046	48.290	-25.710	74.000	PEAK
3	*	9868.000	12.491	38.013	50.504	-23.496	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2467MHz)

Vertical



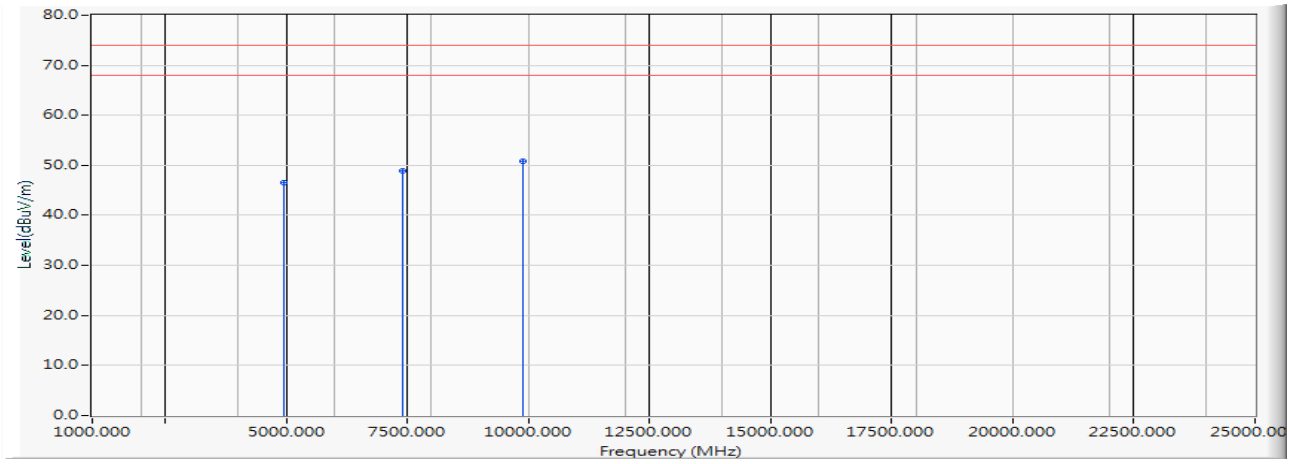
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	40.130	45.926	-28.074	74.000	PEAK
2		7401.000	11.244	38.157	49.401	-24.599	74.000	PEAK
3	*	9868.000	12.491	37.061	49.552	-24.448	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2472MHz)

Horizontal



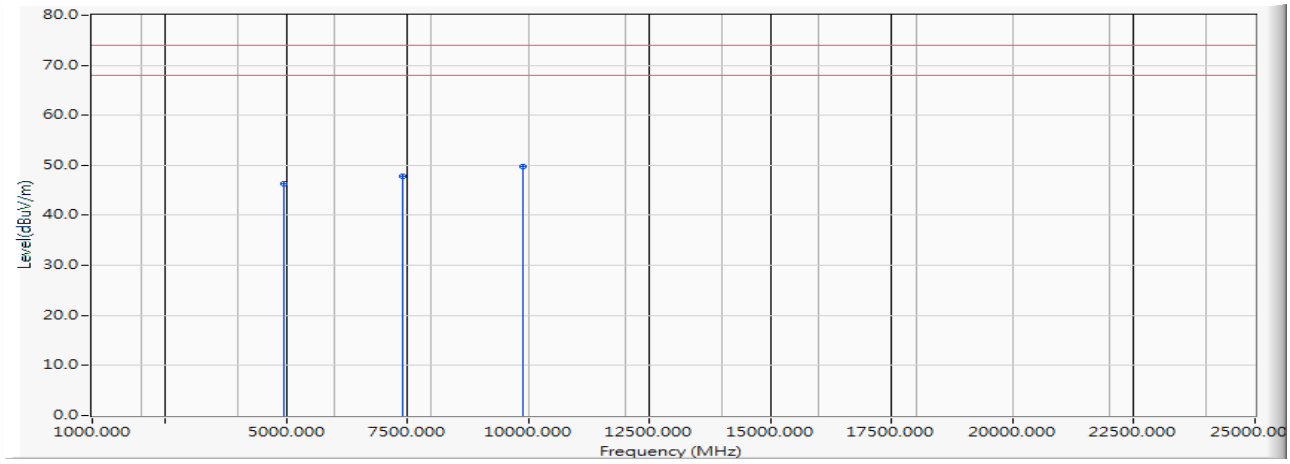
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	40.574	46.462	-27.538	74.000	PEAK
2		7416.000	11.142	37.845	48.986	-25.014	74.000	PEAK
3	*	9888.000	12.594	38.149	50.742	-23.258	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 1 SISO A: Transmit (802.11g 6Mbps) (2472MHz)

Vertical



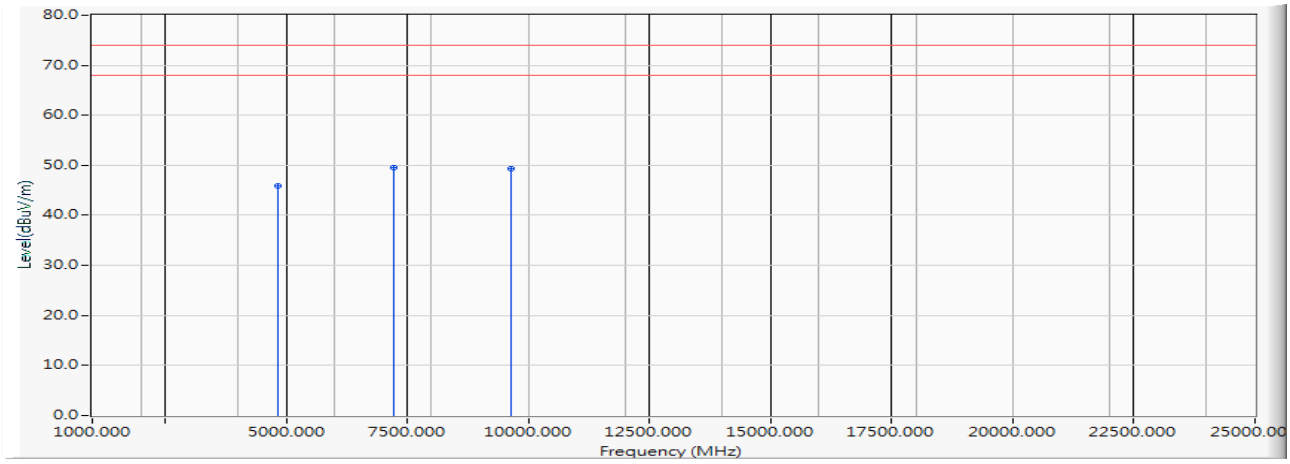
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	40.512	46.400	-27.600	74.000	PEAK
2		7416.000	11.142	36.780	47.921	-26.079	74.000	PEAK
3	*	9888.000	12.594	37.260	49.853	-24.147	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2412MHz)

Horizontal



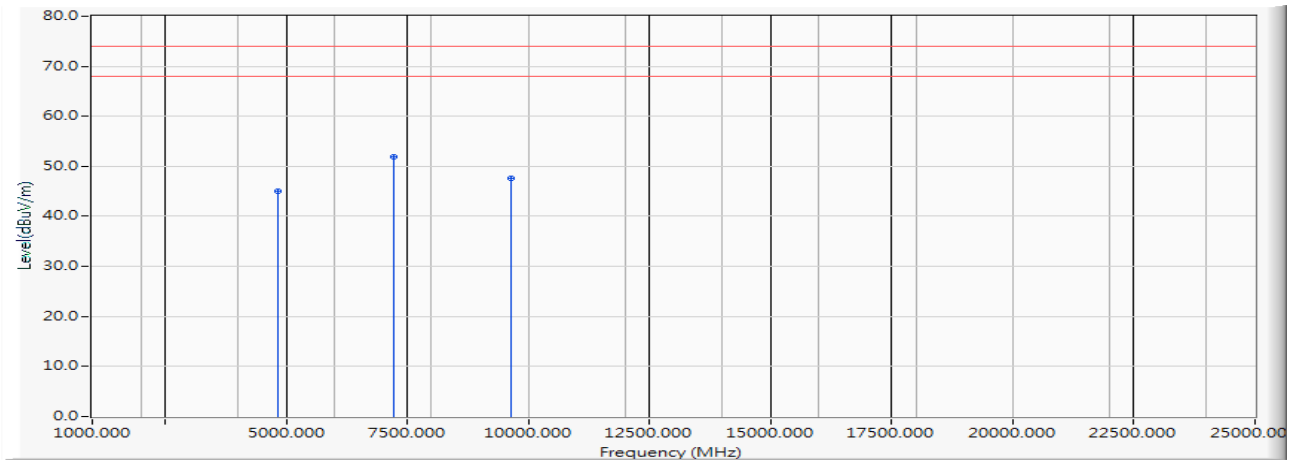
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	41.097	45.886	-28.114	74.000	PEAK
2	*	7236.000	12.072	37.493	49.565	-24.435	74.000	PEAK
3		9648.000	11.899	37.421	49.320	-24.680	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2412MHz)

Vertical



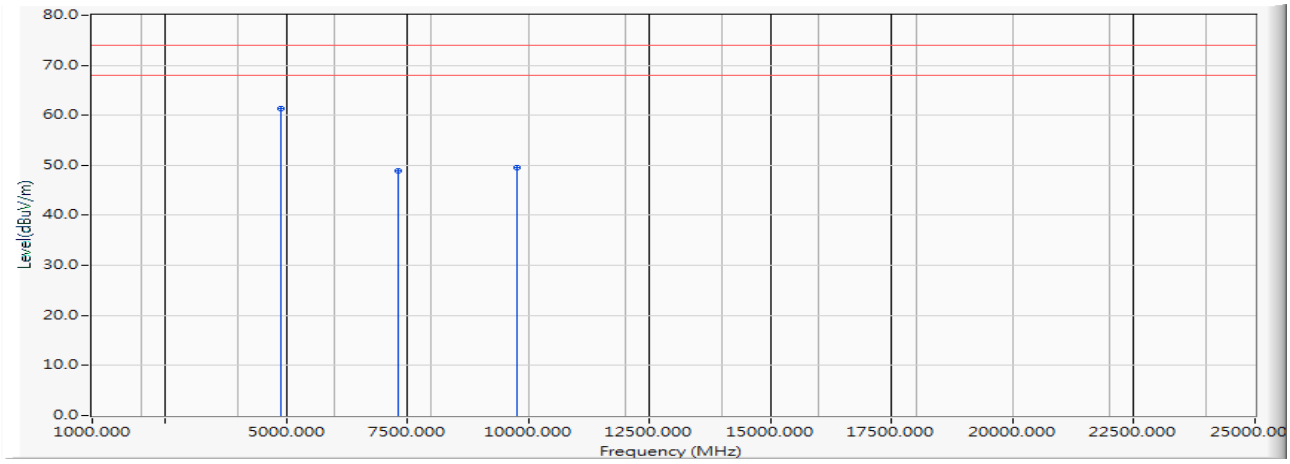
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	40.196	44.985	-29.015	74.000	PEAK
2	*	7236.000	12.072	39.854	51.926	-22.074	74.000	PEAK
3		9648.000	11.899	35.749	47.648	-26.352	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2442MHz)

Horizontal



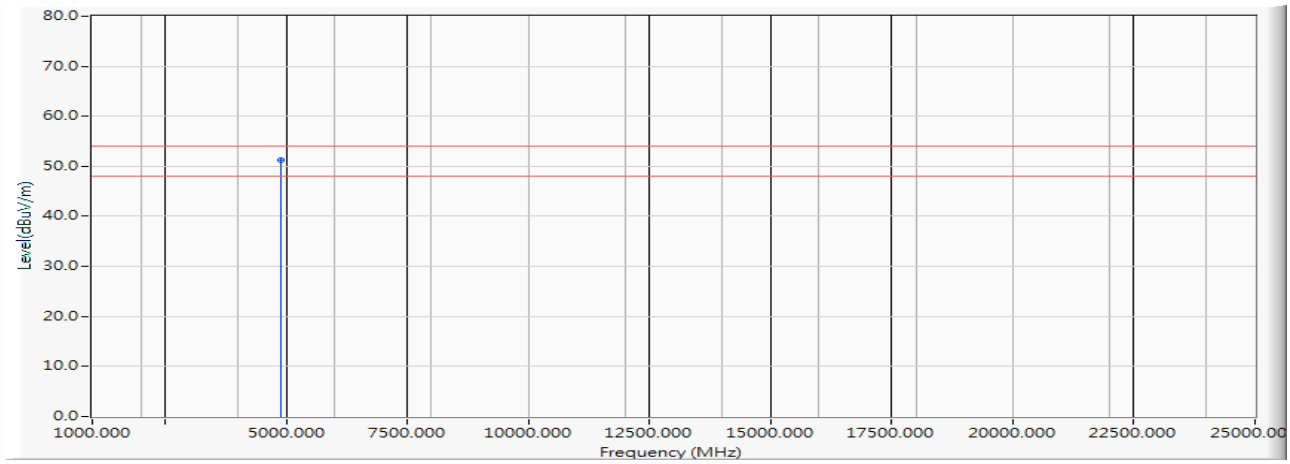
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	56.023	61.361	-12.639	74.000	PEAK
2		7326.000	11.754	37.049	48.803	-25.197	74.000	PEAK
3		9768.000	11.976	37.546	49.522	-24.478	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2442MHz)

Horizontal



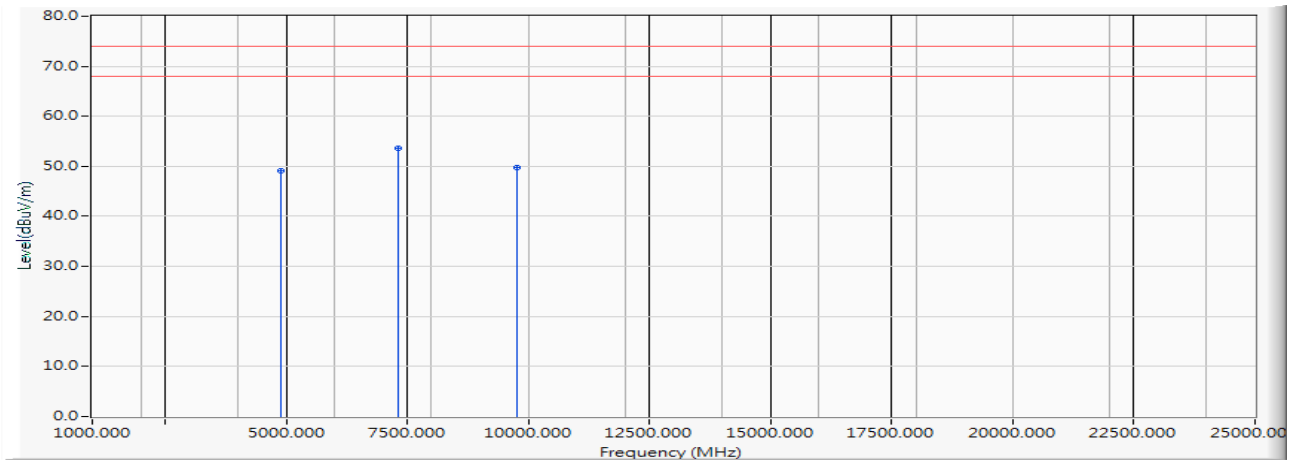
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	46.012	51.350	-2.650	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2442MHz)

Vertical



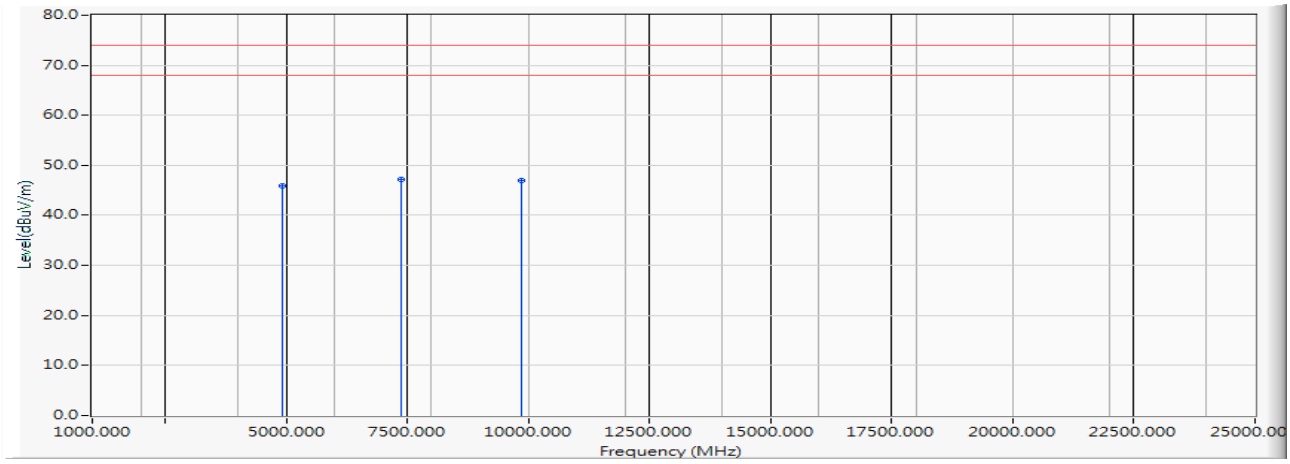
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	43.846	49.184	-24.816	74.000	PEAK
2	*	7326.000	11.754	41.846	53.600	-20.400	74.000	PEAK
3		9768.000	11.976	37.780	49.756	-24.244	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2462MHz)

Horizontal



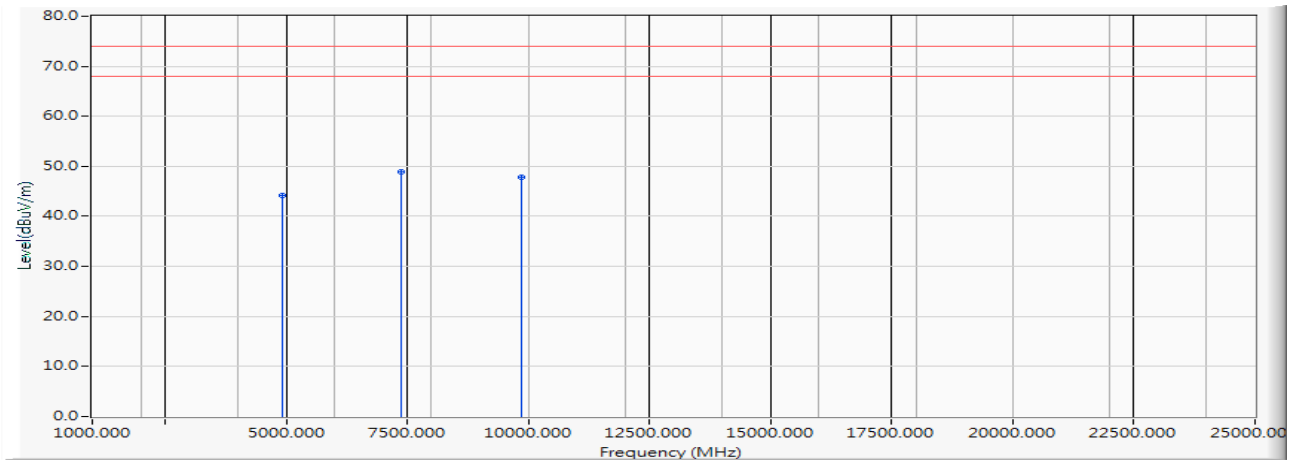
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	40.198	45.903	-28.097	74.000	PEAK
2	*	7386.000	11.345	35.842	47.188	-26.812	74.000	PEAK
3		9848.000	12.390	34.598	46.987	-27.013	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2462MHz)

Vertical



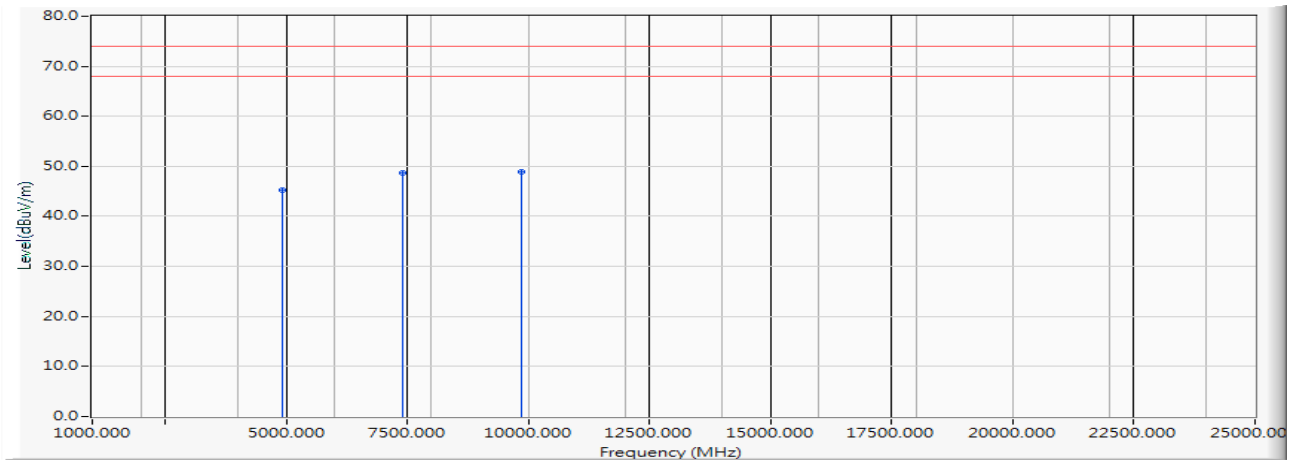
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	38.497	44.202	-29.798	74.000	PEAK
2	*	7386.000	11.345	37.471	48.817	-25.183	74.000	PEAK
3		9848.000	12.390	35.411	47.800	-26.200	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2467MHz)

Horizontal



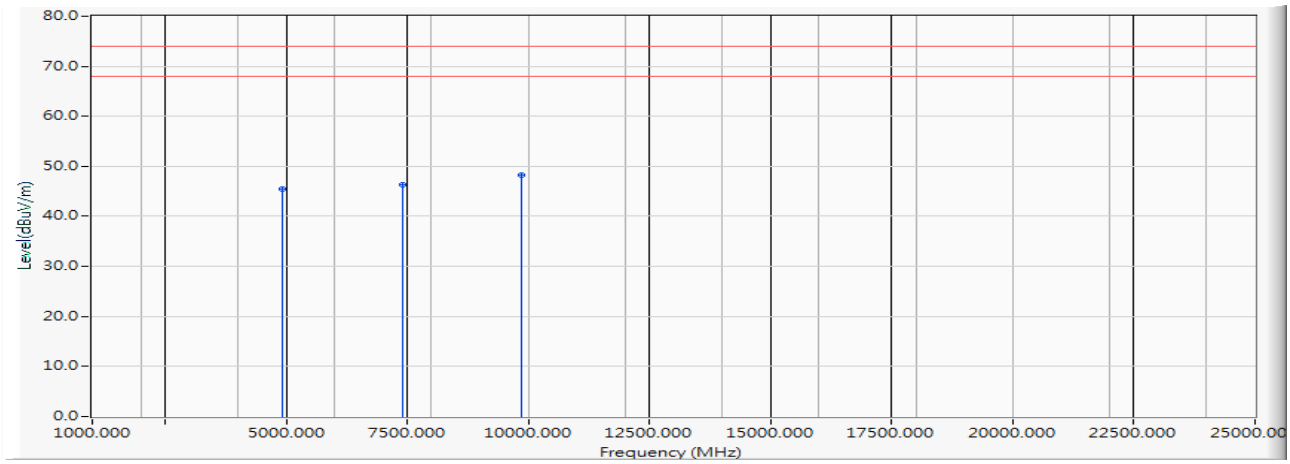
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	39.516	45.312	-28.688	74.000	PEAK
2		7401.000	11.244	37.529	48.773	-25.227	74.000	PEAK
3	*	9868.000	12.491	36.481	48.972	-25.028	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2467MHz)

Vertical



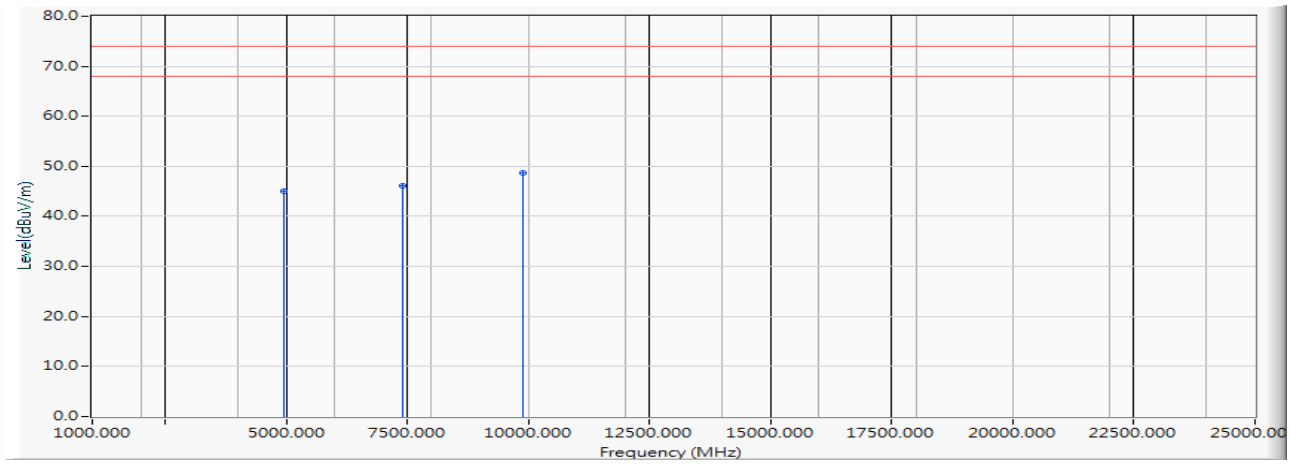
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	39.746	45.542	-28.458	74.000	PEAK
2		7401.000	11.244	35.074	46.318	-27.682	74.000	PEAK
3	*	9868.000	12.491	35.846	48.337	-25.663	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2472MHz)

Horizontal



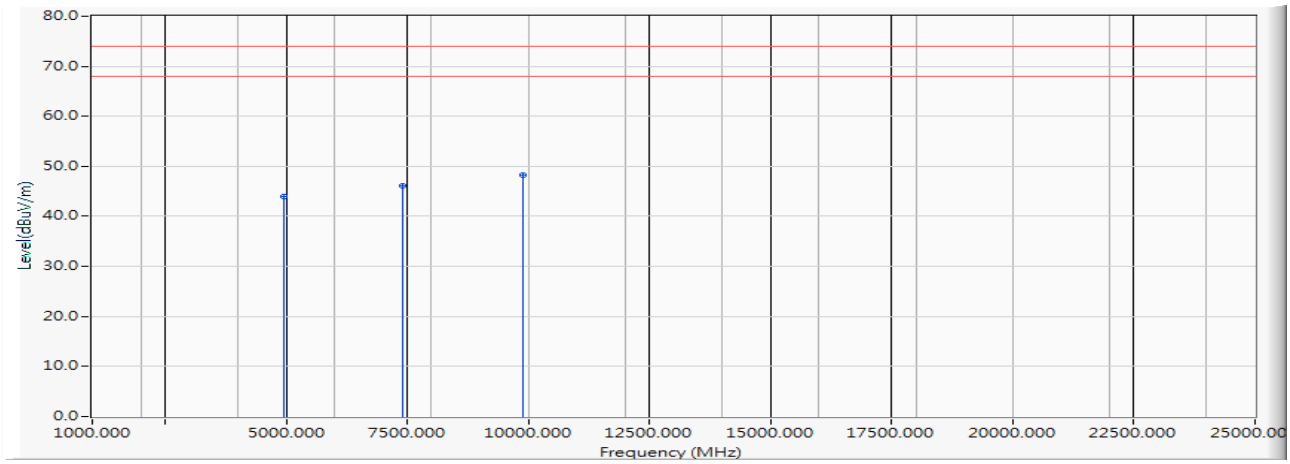
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	39.187	45.075	-28.925	74.000	PEAK
2		7416.000	11.142	34.983	46.124	-27.876	74.000	PEAK
3	*	9888.000	12.594	36.187	48.780	-25.220	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2472MHz)

Vertical



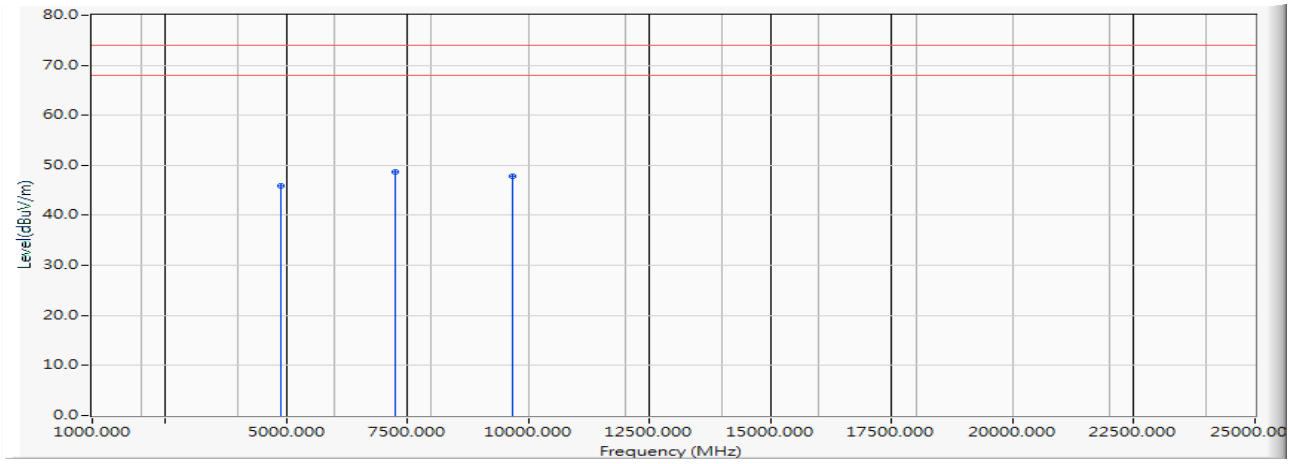
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	38.149	44.037	-29.963	74.000	PEAK
2		7416.000	11.142	34.956	46.097	-27.903	74.000	PEAK
3	*	9888.000	12.594	35.697	48.290	-25.710	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2422MHz)

Horizontal



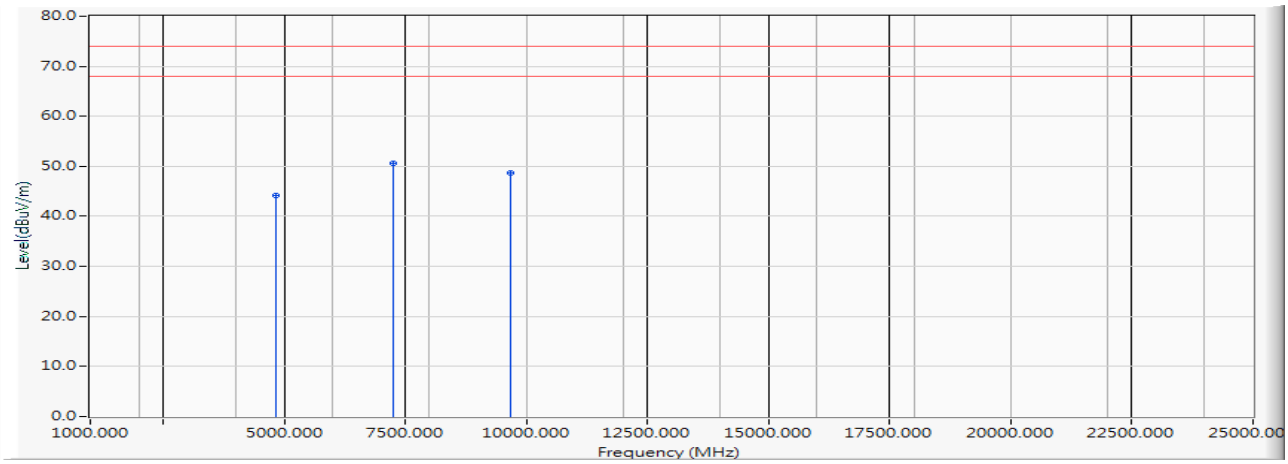
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	40.526	45.864	-28.136	74.000	PEAK
2	*	7266.000	12.160	36.496	48.656	-25.344	74.000	PEAK
3		9688.000	11.890	35.910	47.800	-26.200	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2422MHz)

Vertical



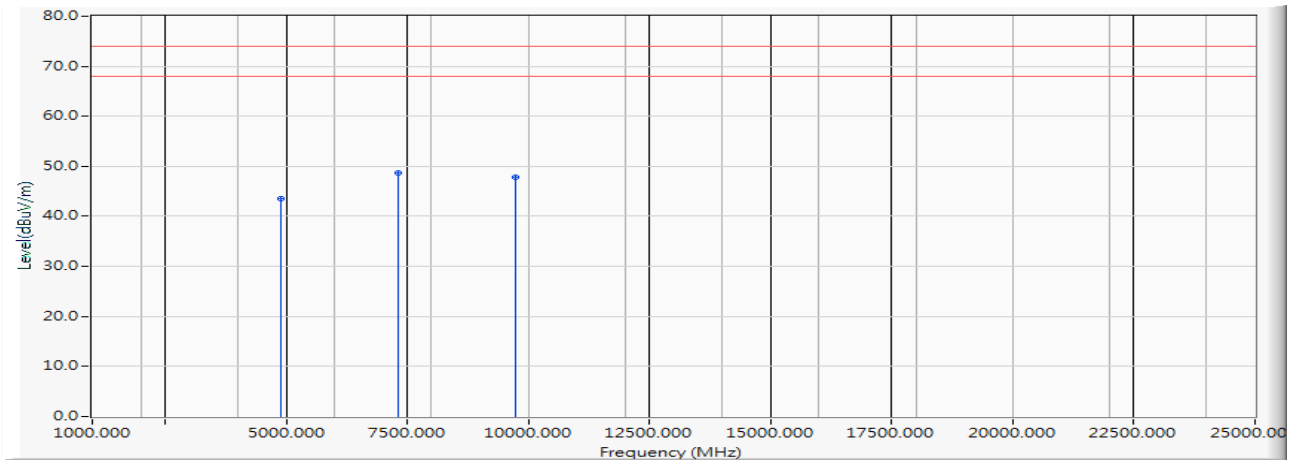
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4844.000	4.971	39.180	44.151	-29.849	74.000	PEAK
2	*	7266.000	12.160	38.419	50.579	-23.421	74.000	PEAK
3		9688.000	11.890	36.821	48.711	-25.289	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2442MHz)

Horizontal



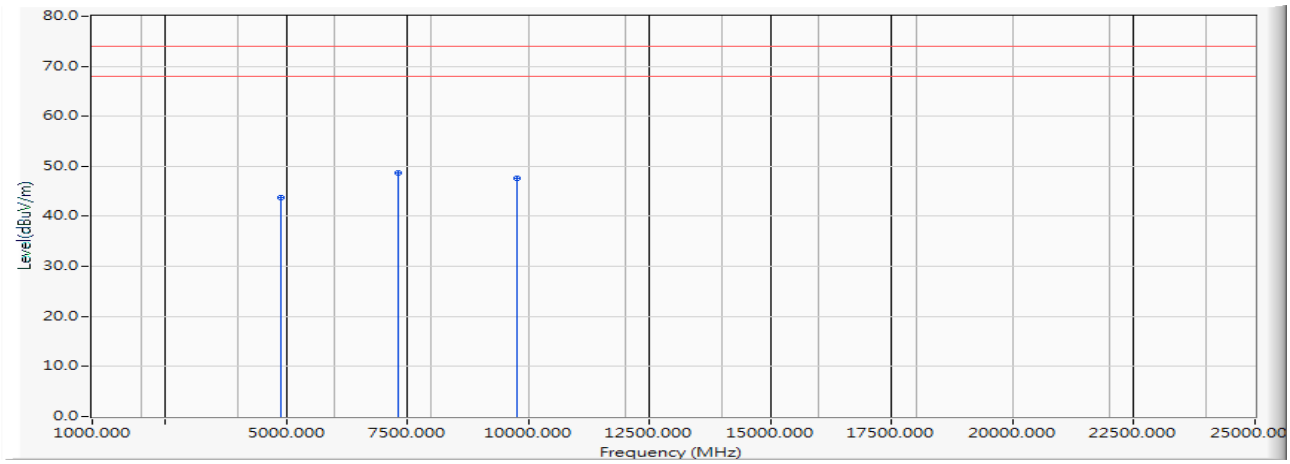
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	38.194	43.532	-30.468	74.000	PEAK
2	*	7326.000	11.754	36.849	48.603	-25.397	74.000	PEAK
3		9748.000	11.890	35.884	47.774	-26.226	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2442MHz)

Vertical



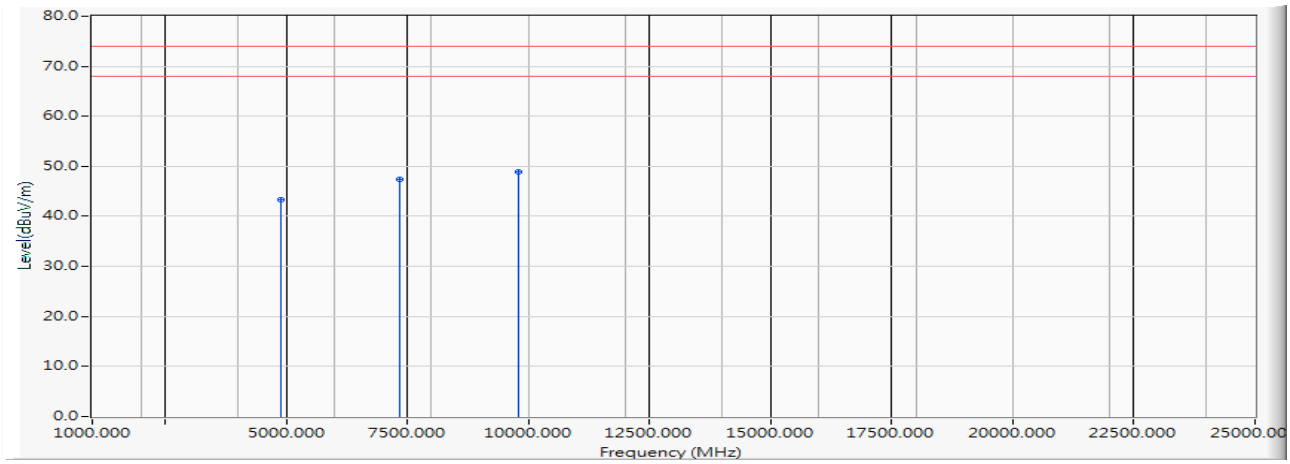
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	38.419	43.757	-30.243	74.000	PEAK
2	*	7326.000	11.754	36.825	48.579	-25.421	74.000	PEAK
3		9768.000	11.976	35.559	47.535	-26.465	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2452MHz)

Horizontal



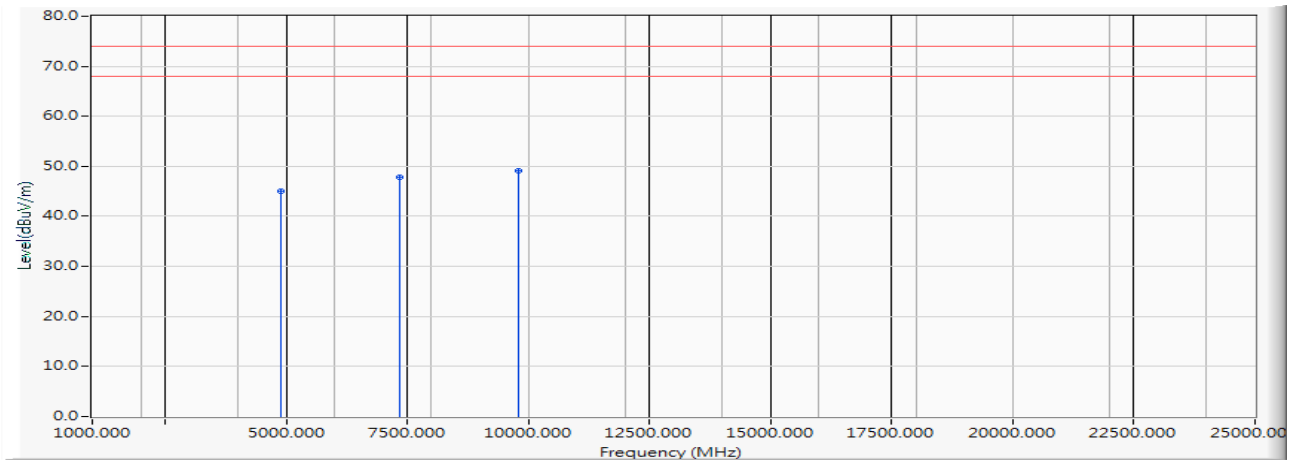
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	5.522	37.846	43.368	-30.632	74.000	PEAK
2		7356.000	11.549	35.849	47.399	-26.601	74.000	PEAK
3	*	9808.000	12.184	36.621	48.804	-25.196	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2452MHz)

Vertical



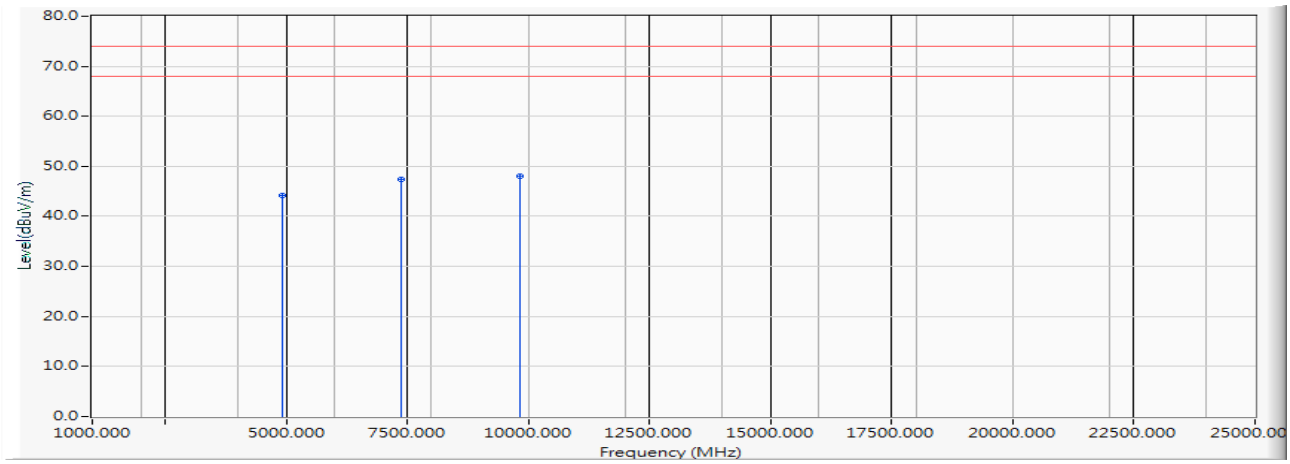
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	5.522	39.487	45.009	-28.991	74.000	PEAK
2		7356.000	11.549	36.189	47.739	-26.261	74.000	PEAK
3	*	9808.000	12.184	36.845	49.028	-24.972	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2457MHz)

Horizontal



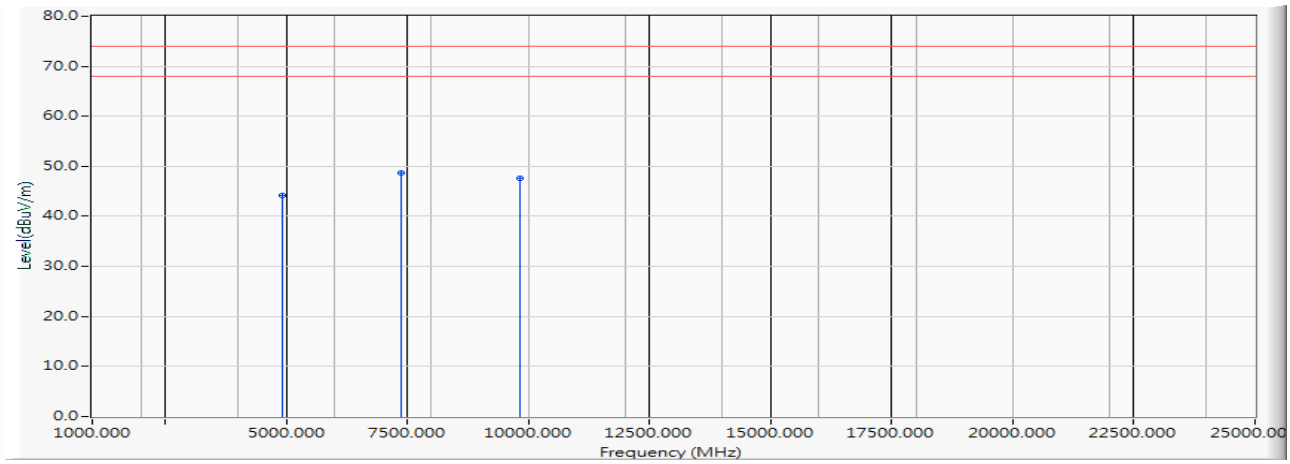
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4914.000	5.614	38.491	44.104	-29.896	74.000	PEAK
2		7371.000	11.447	35.896	47.343	-26.657	74.000	PEAK
3	*	9828.000	12.285	35.825	48.111	-25.889	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2457MHz)

Vertical



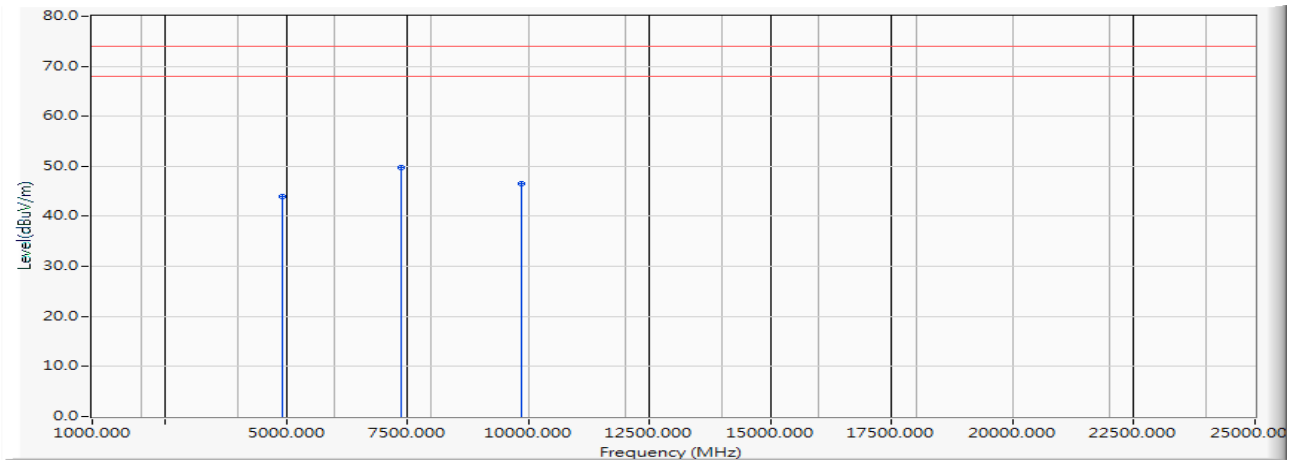
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4914.000	5.614	38.496	44.109	-29.891	74.000	PEAK
2	*	7371.000	11.447	37.184	48.631	-25.369	74.000	PEAK
3		9828.000	12.285	35.410	47.696	-26.304	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2462MHz)

Horizontal



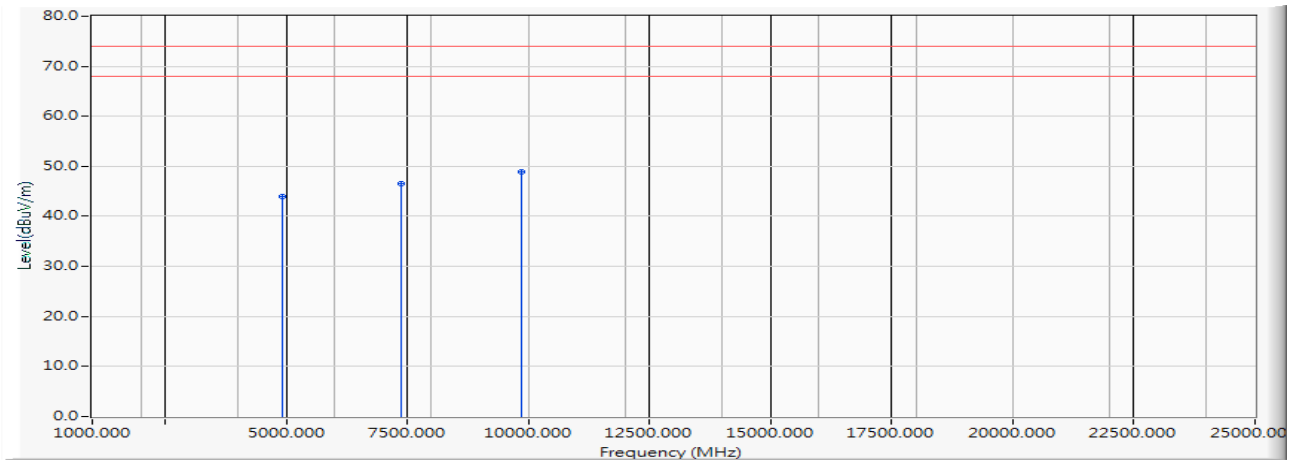
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	38.198	43.903	-30.097	74.000	PEAK
2	*	7386.000	11.345	38.491	49.837	-24.163	74.000	PEAK
3		9848.000	12.390	34.126	46.515	-27.485	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2462MHz)

Vertical



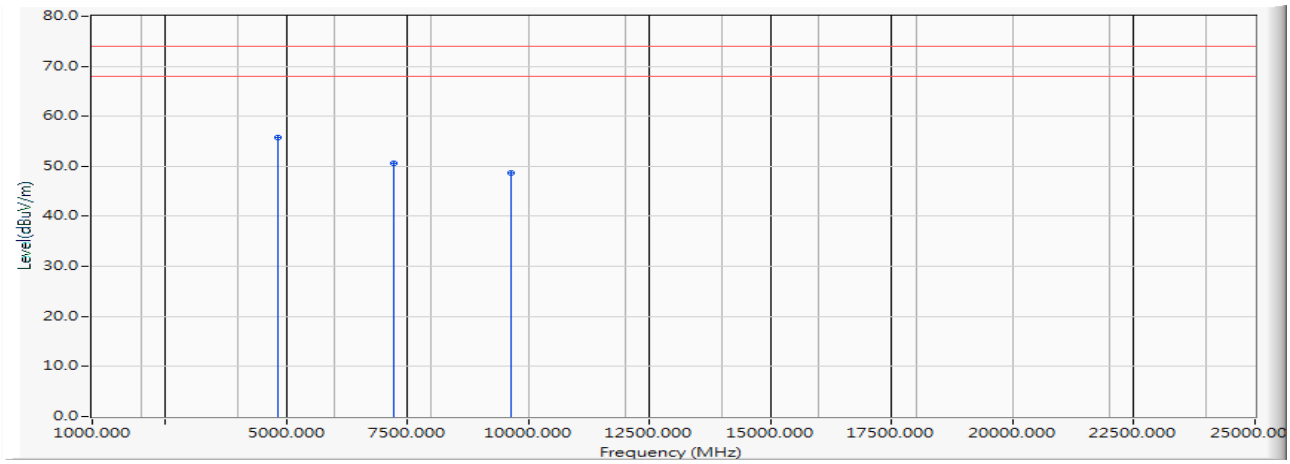
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	38.197	43.902	-30.098	74.000	PEAK
2		7386.000	11.345	35.195	46.540	-27.460	74.000	PEAK
3	*	9848.000	12.390	36.419	48.808	-25.192	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2412MHz)

Horizontal



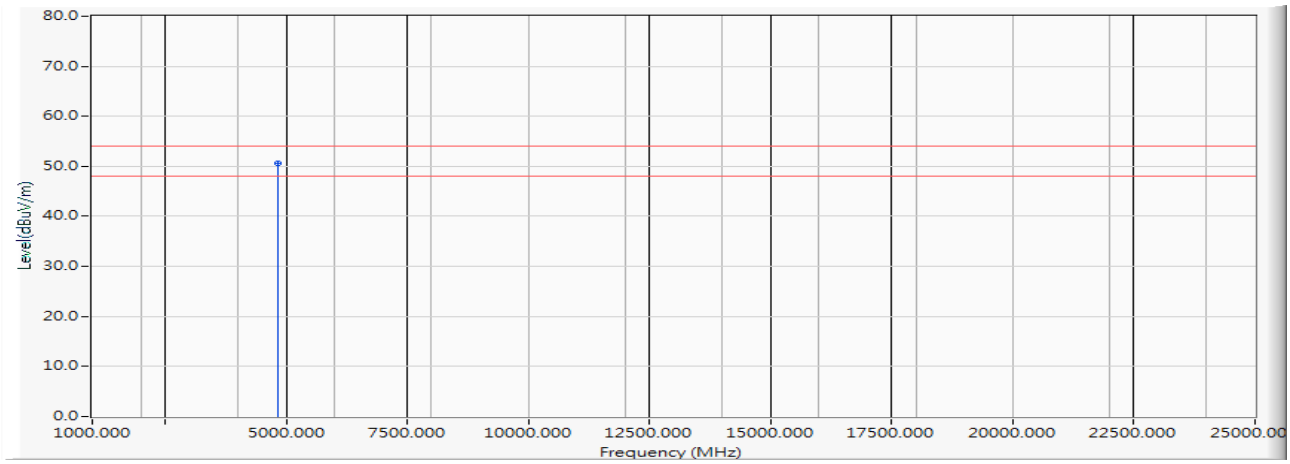
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	4.789	51.069	55.858	-18.142	74.000	PEAK
2		7236.000	12.072	38.498	50.570	-23.430	74.000	PEAK
3		9648.000	11.899	36.845	48.744	-25.256	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2412MHz)

Horizontal



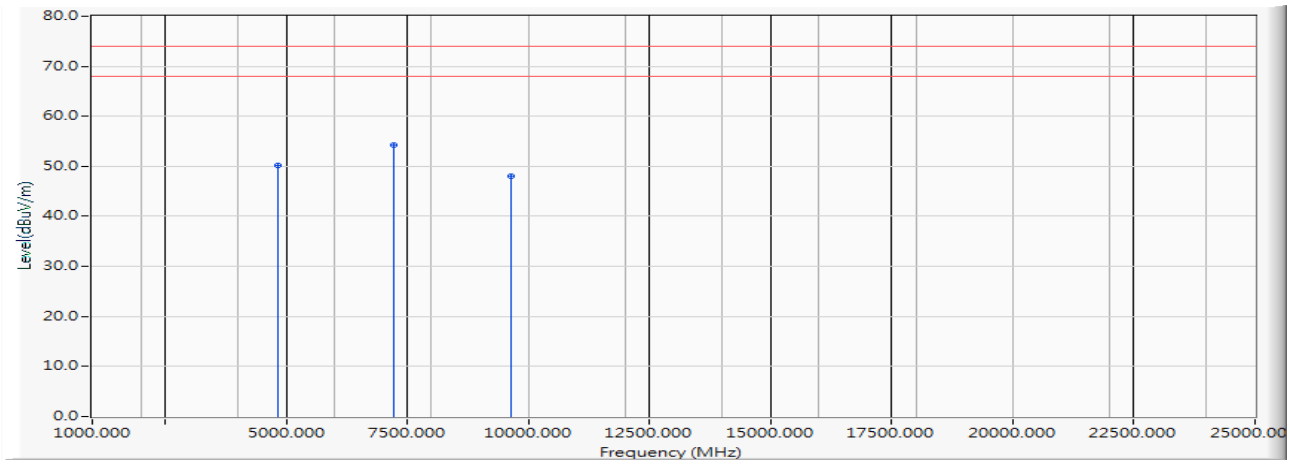
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	4.789	45.912	50.701	-3.299	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2412MHz)

Vertical



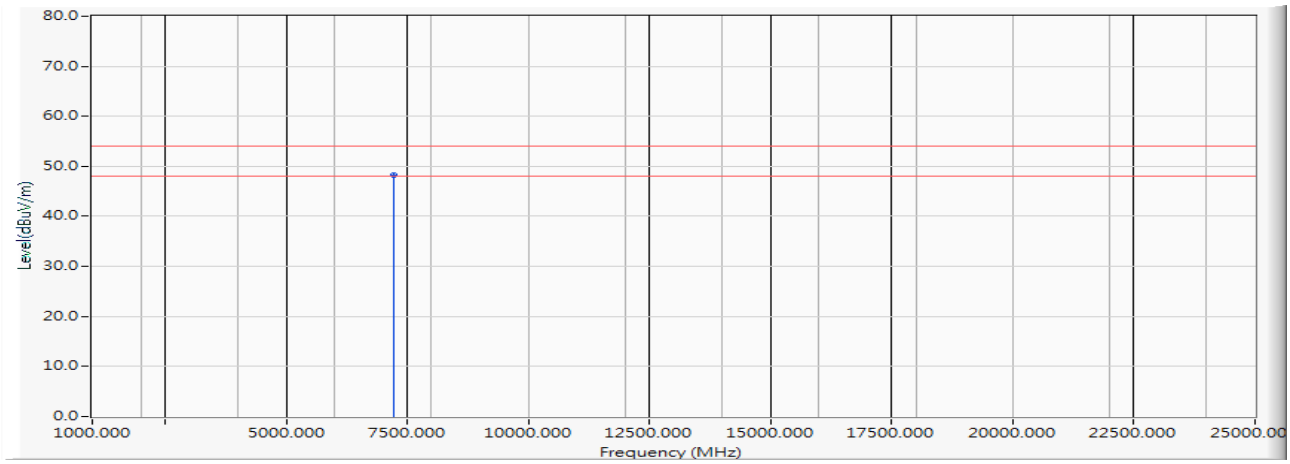
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	45.364	50.153	-23.847	74.000	PEAK
2	*	7236.000	12.072	42.176	54.248	-19.752	74.000	PEAK
3		9648.000	11.899	36.169	48.068	-25.932	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2412MHz)

Vertical



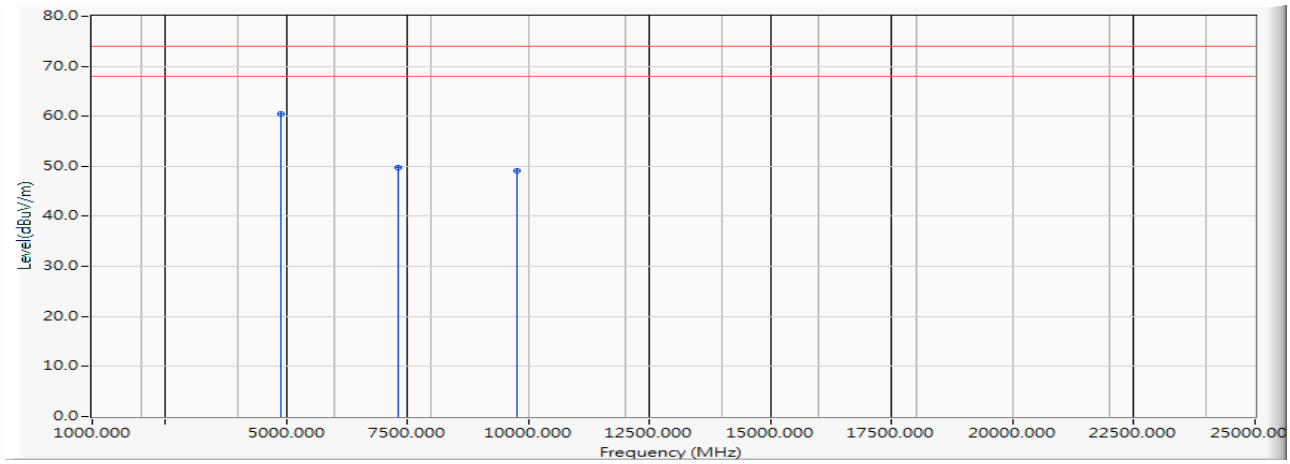
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	12.072	36.094	48.166	-5.834	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2442MHz)

Horizontal



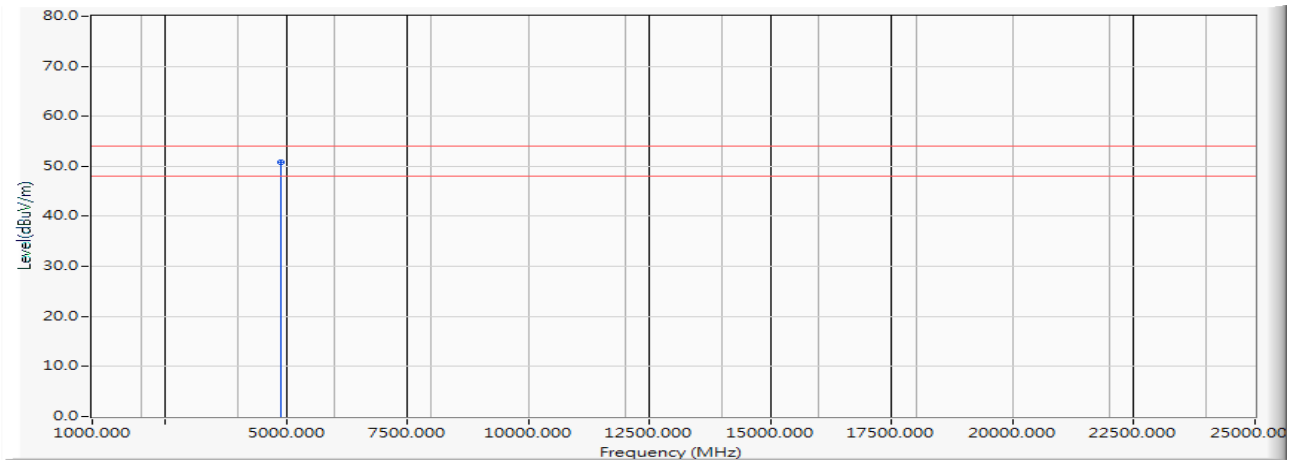
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	-15.008	75.392	60.383	-13.617	74.000	PEAK
2		7326.000	-13.155	62.858	49.703	-24.297	74.000	PEAK
3		9768.000	-10.964	60.023	49.059	-24.941	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2442MHz)

Horizontal



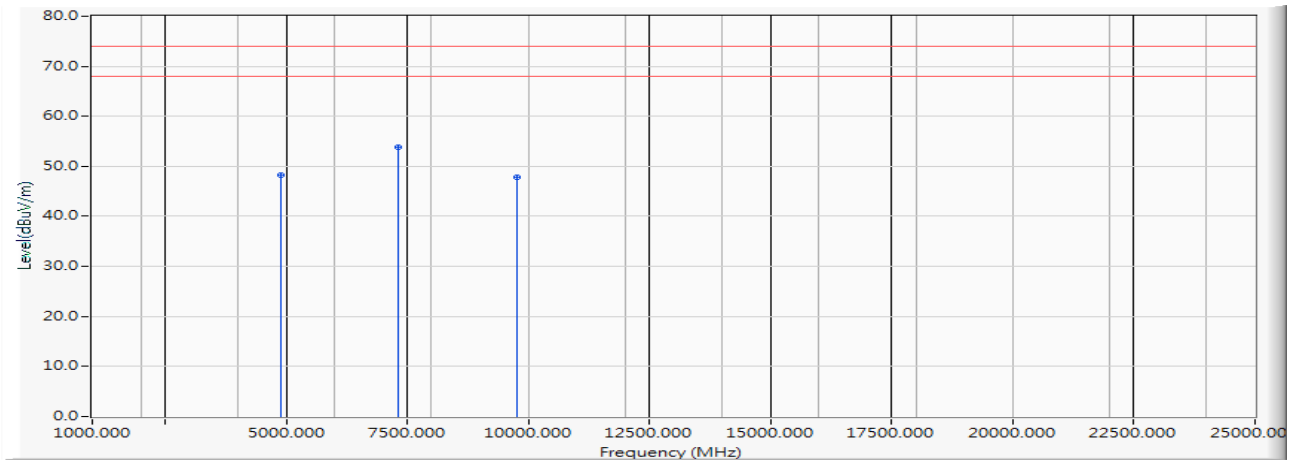
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	-15.008	65.768	50.759	-3.241	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2442MHz)

Vertical



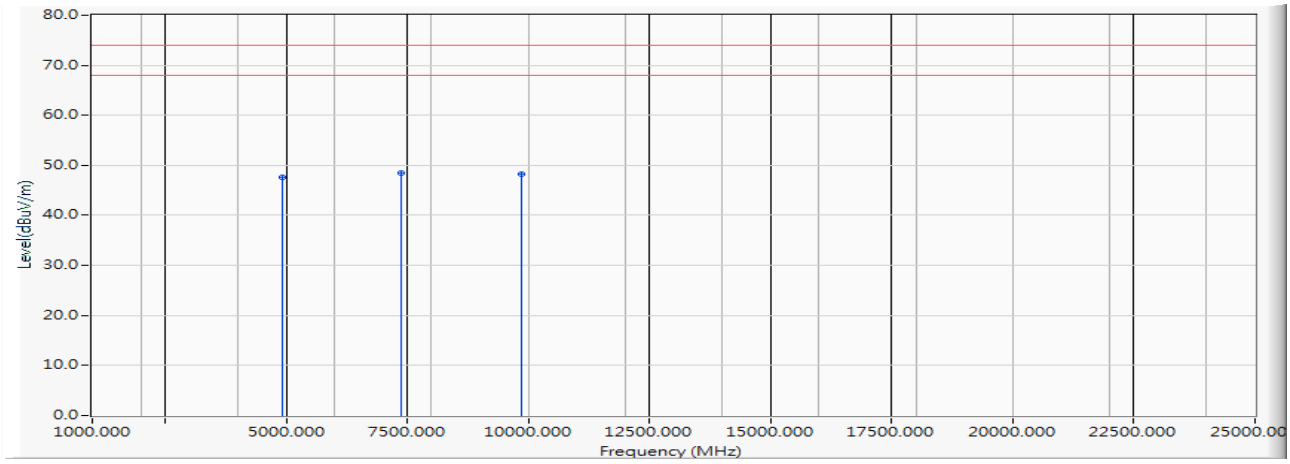
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	-15.008	63.314	48.305	-25.695	74.000	PEAK
2	*	7326.000	-13.155	66.914	53.759	-20.241	74.000	PEAK
3		9768.000	-10.964	58.747	47.783	-26.217	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2462MHz)

Horizontal



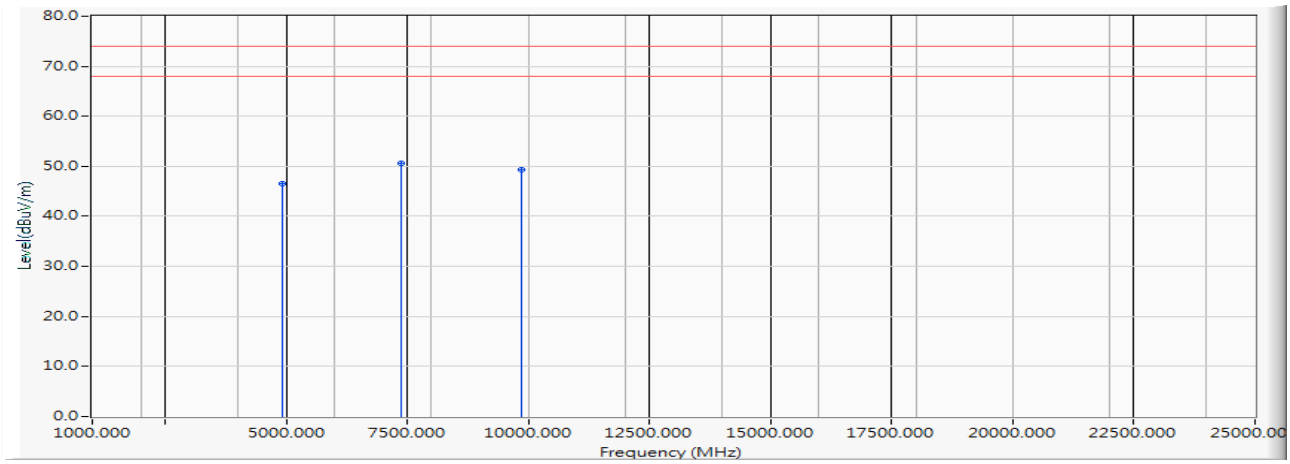
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	41.896	47.601	-26.399	74.000	PEAK
2	*	7386.000	11.345	37.198	48.544	-25.456	74.000	PEAK
3		9848.000	12.390	35.879	48.268	-25.732	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2462MHz)

Vertical



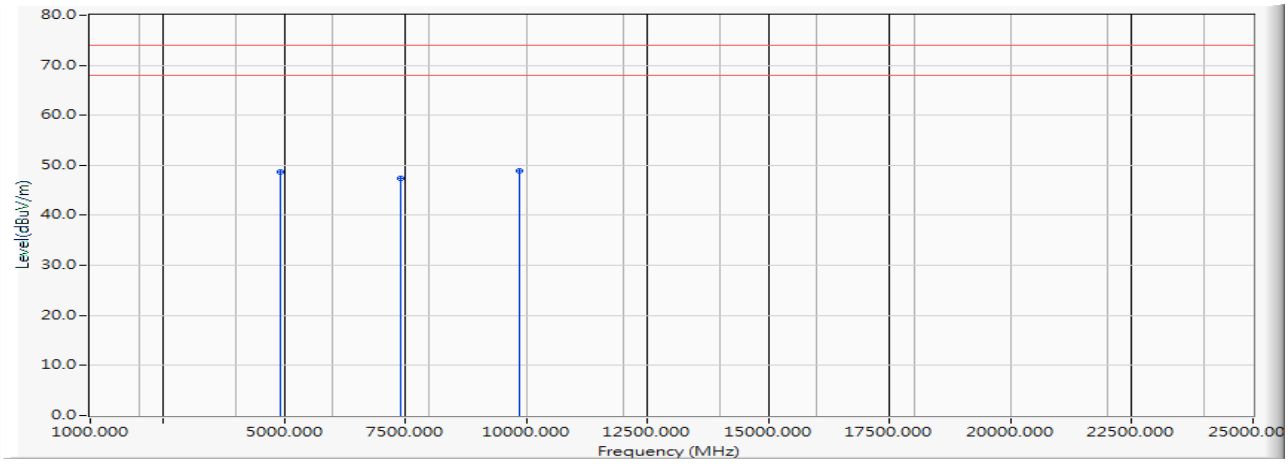
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	40.922	46.627	-27.373	74.000	PEAK
2	*	7386.000	11.345	39.168	50.514	-23.486	74.000	PEAK
3		9848.000	12.390	37.044	49.433	-24.567	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2467MHz)

Horizontal



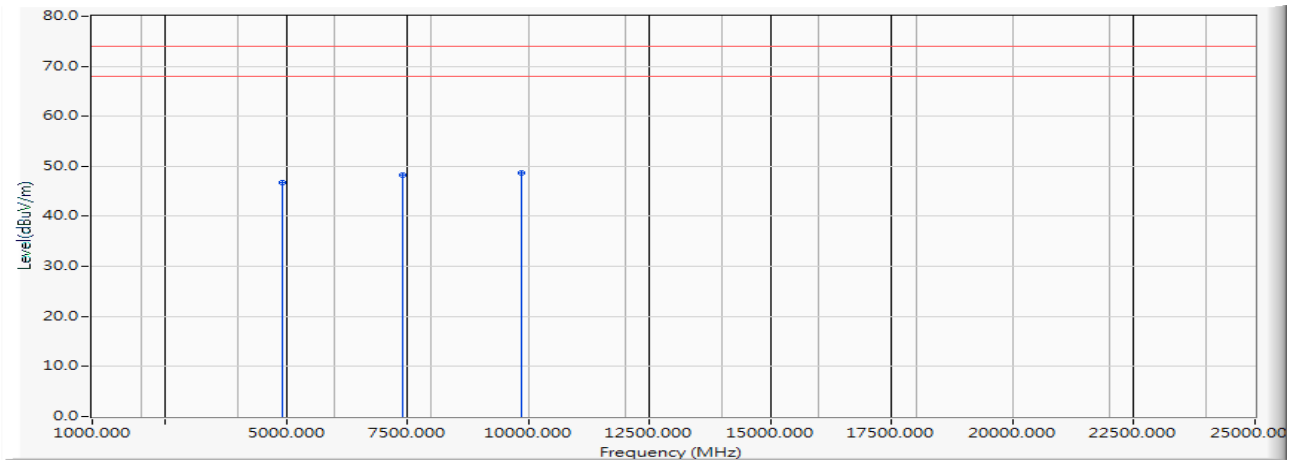
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	42.841	48.637	-25.363	74.000	PEAK
2		7401.000	11.244	36.094	47.338	-26.662	74.000	PEAK
3	*	9868.000	12.491	36.446	48.937	-25.063	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2467MHz)

Vertical



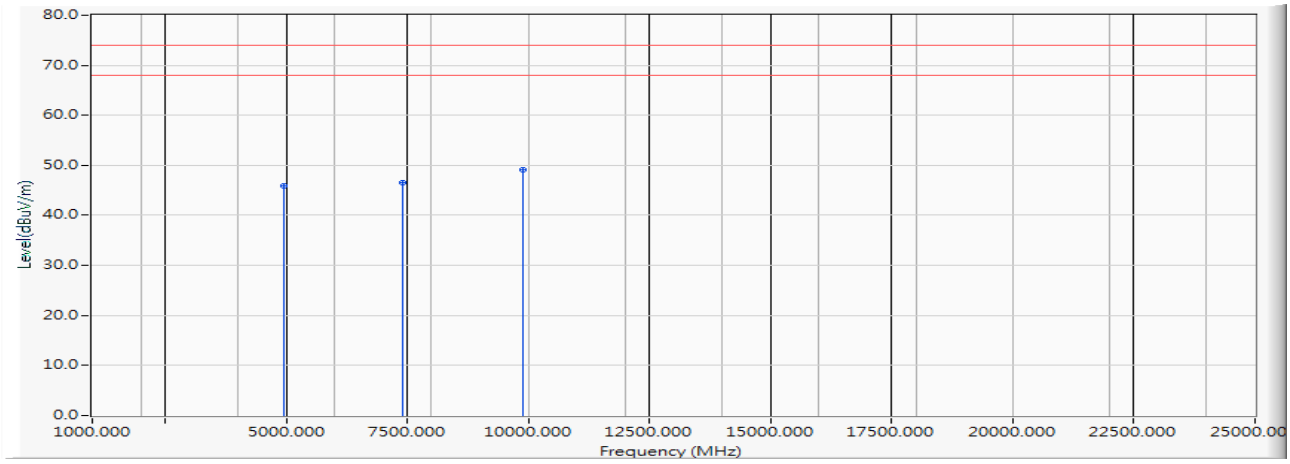
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	41.063	46.859	-27.141	74.000	PEAK
2		7401.000	11.244	37.094	48.338	-25.662	74.000	PEAK
3	*	9868.000	12.491	36.184	48.675	-25.325	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2472MHz)

Horizontal



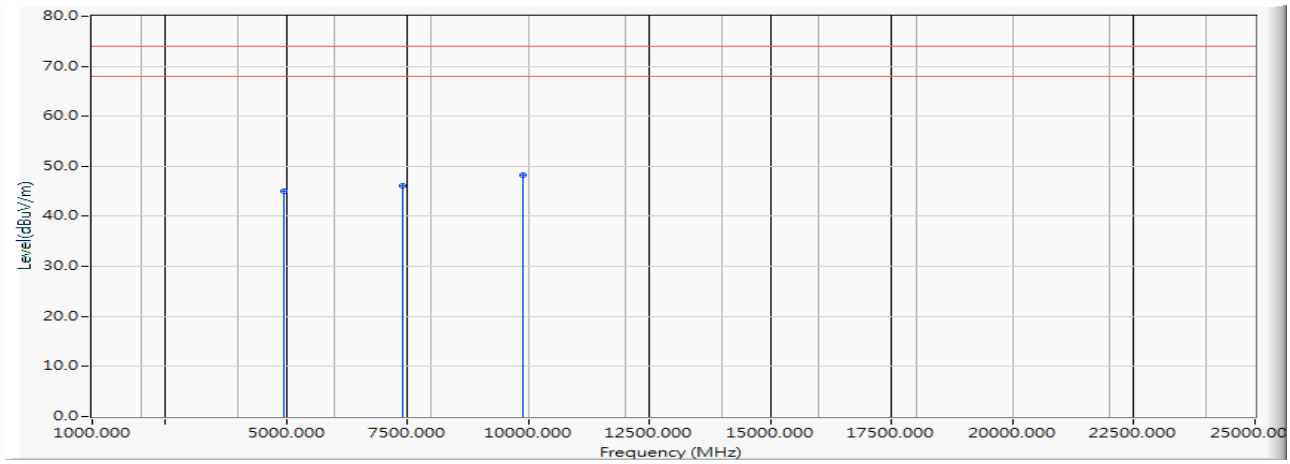
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	40.087	45.975	-28.025	74.000	PEAK
2		7416.000	11.142	35.347	46.488	-27.512	74.000	PEAK
3	*	9888.000	12.594	36.496	49.089	-24.911	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11b 1Mbps) (2472MHz)

Vertical



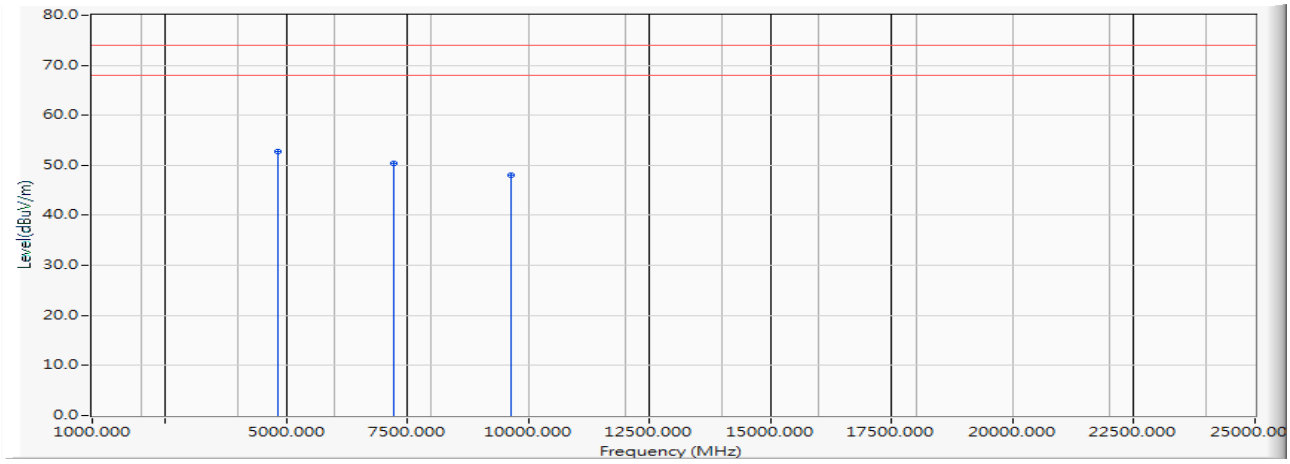
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	39.074	44.962	-29.038	74.000	PEAK
2		7416.000	11.142	35.074	46.215	-27.785	74.000	PEAK
3	*	9888.000	12.594	35.612	48.205	-25.795	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2412MHz)

Horizontal



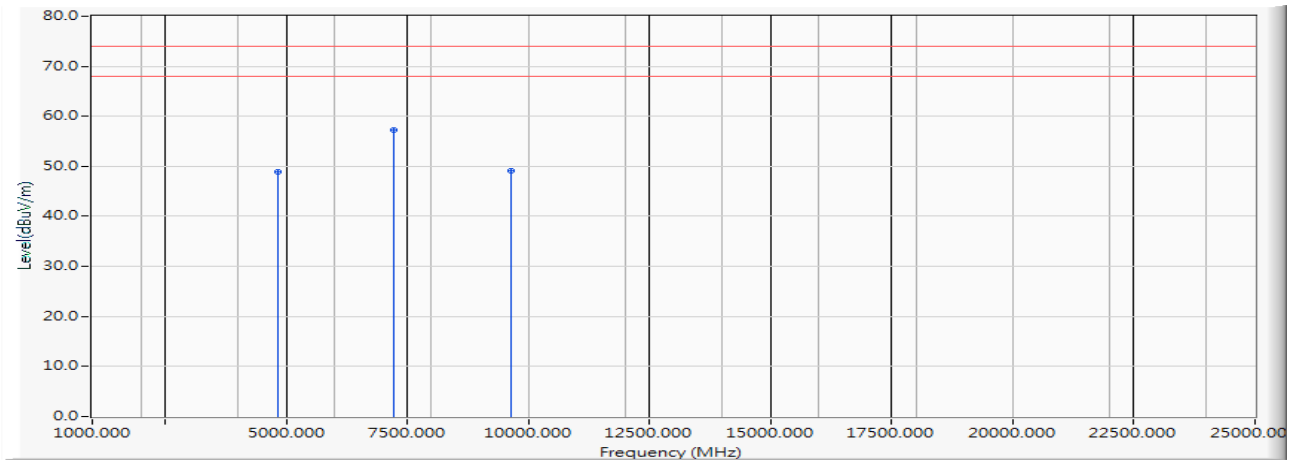
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4824.000	4.789	48.063	52.852	-21.148	74.000	PEAK
2		7236.000	12.072	38.416	50.488	-23.512	74.000	PEAK
3		9648.000	11.899	36.189	48.088	-25.912	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2412MHz)

Vertical



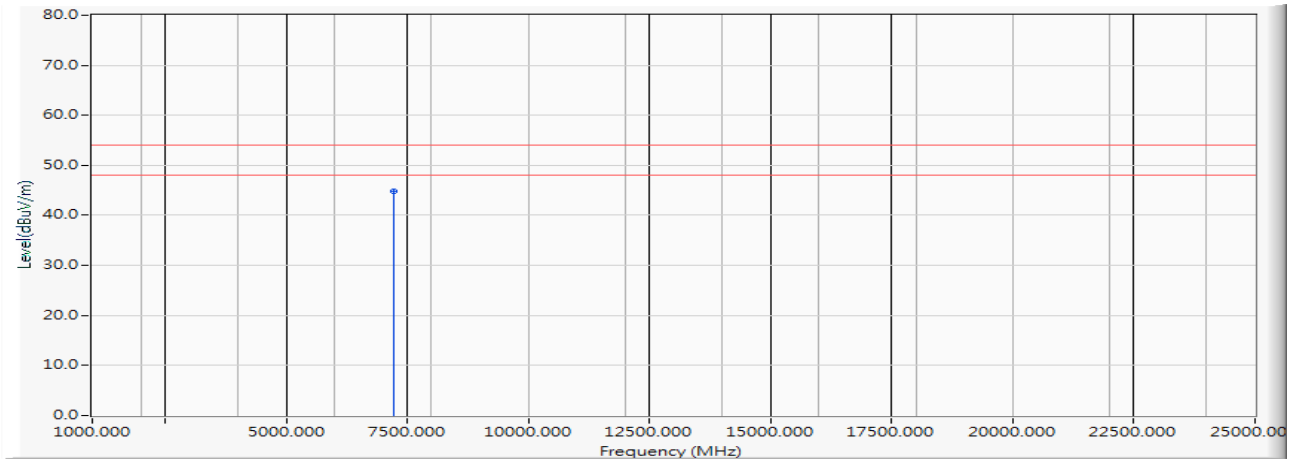
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	44.193	48.982	-25.018	74.000	PEAK
2	*	7236.000	12.072	45.094	57.165	-16.835	74.000	PEAK
3		9648.000	11.899	37.193	49.092	-24.908	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2412MHz)

Vertical



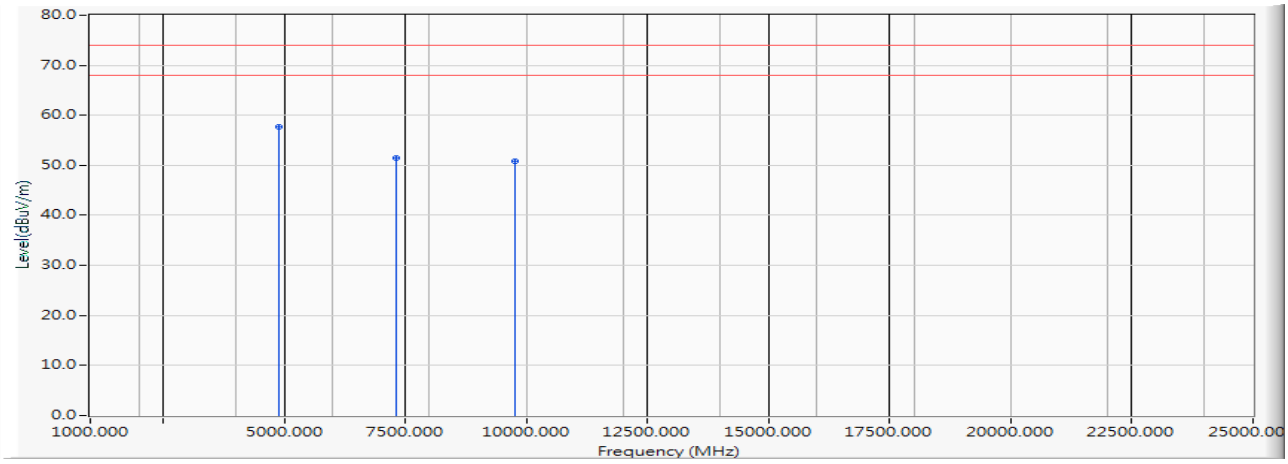
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7236.000	12.072	32.849	44.921	-9.079	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2442MHz)

Horizontal



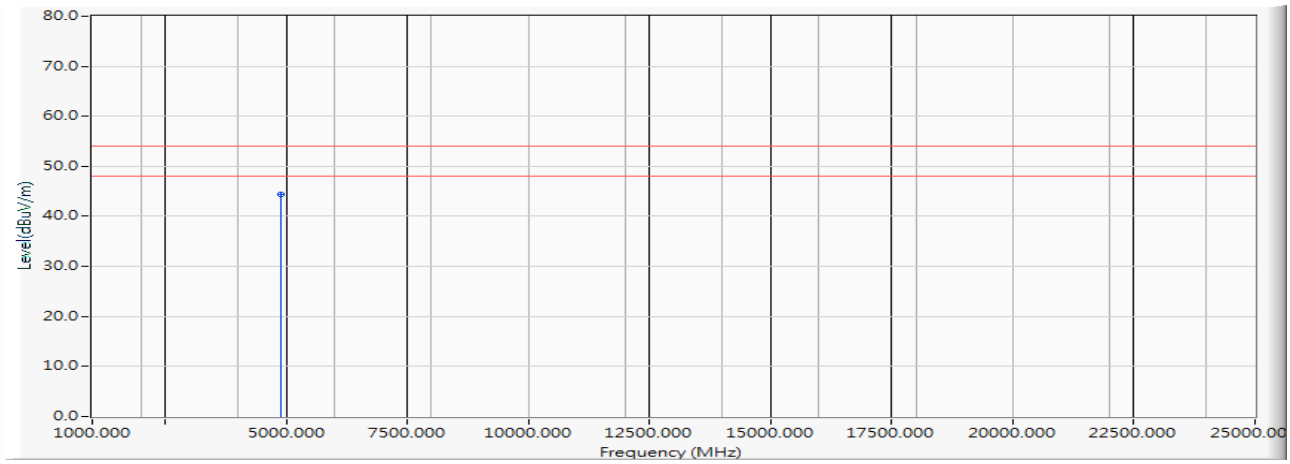
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	-15.008	72.721	57.712	-16.288	74.000	PEAK
2		7326.000	-13.155	64.563	51.408	-22.592	74.000	PEAK
3		9768.000	-10.964	61.703	50.739	-23.261	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2442MHz)

Horizontal



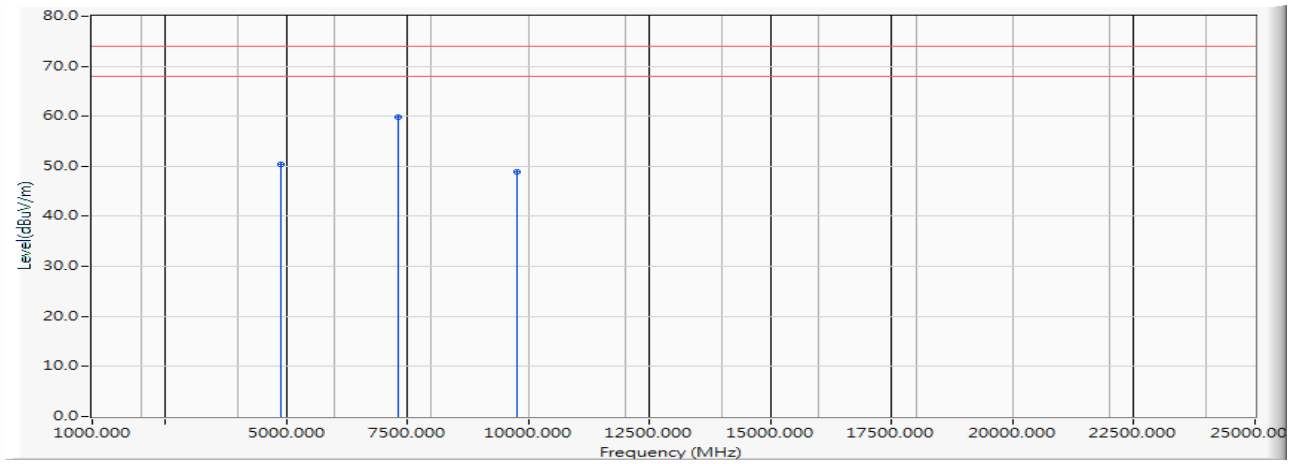
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	-15.008	59.305	44.296	-9.704	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2442MHz)

Vertical



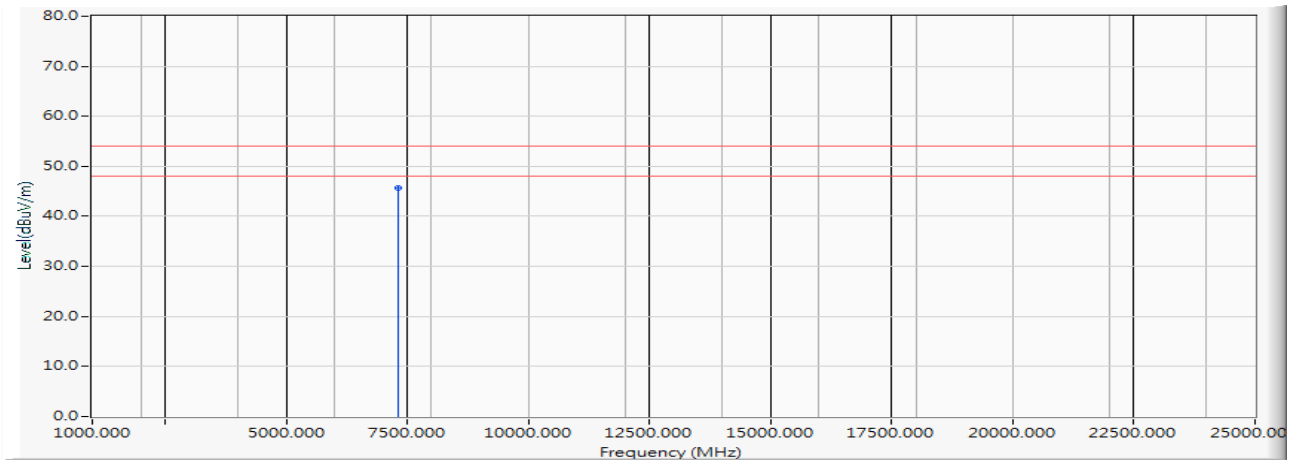
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	-15.008	65.454	50.445	-23.555	74.000	PEAK
2	*	7326.000	-13.155	72.958	59.803	-14.197	74.000	PEAK
3		9768.000	-10.964	59.760	48.796	-25.204	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2442MHz)

Vertical



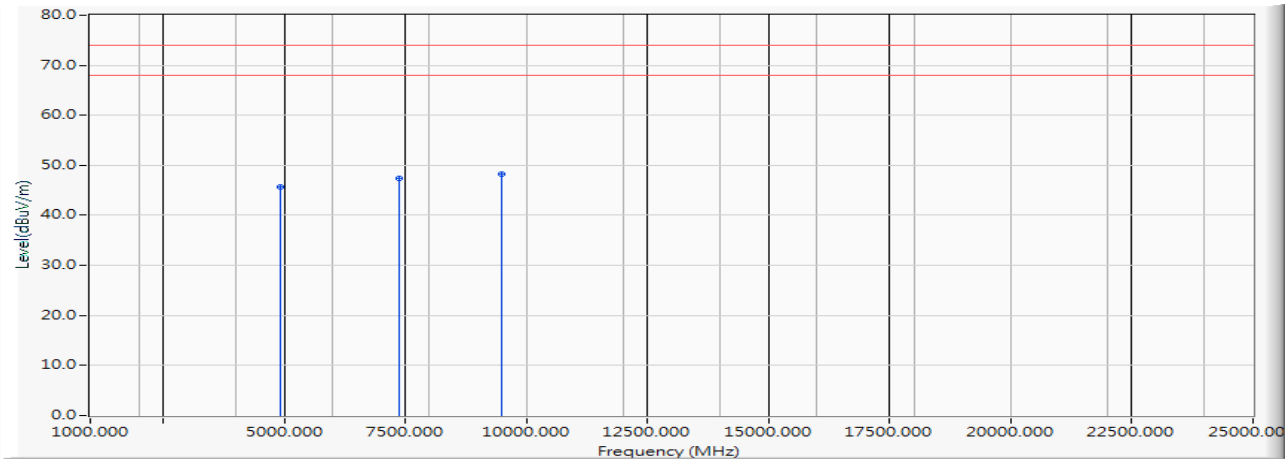
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7326.000	-13.155	58.858	45.703	-8.297	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2462MHz)

Horizontal



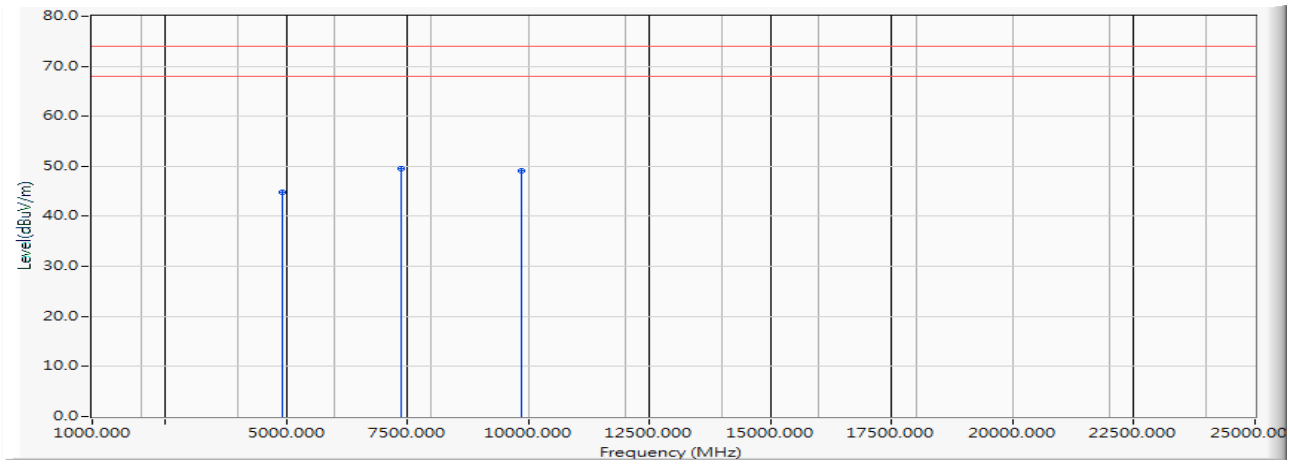
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	40.023	45.728	-28.272	74.000	PEAK
2		7386.000	11.345	36.159	47.505	-26.495	74.000	PEAK
3	*	9848.000	12.390	36.185	48.575	-25.425	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2462MHz)

Vertical



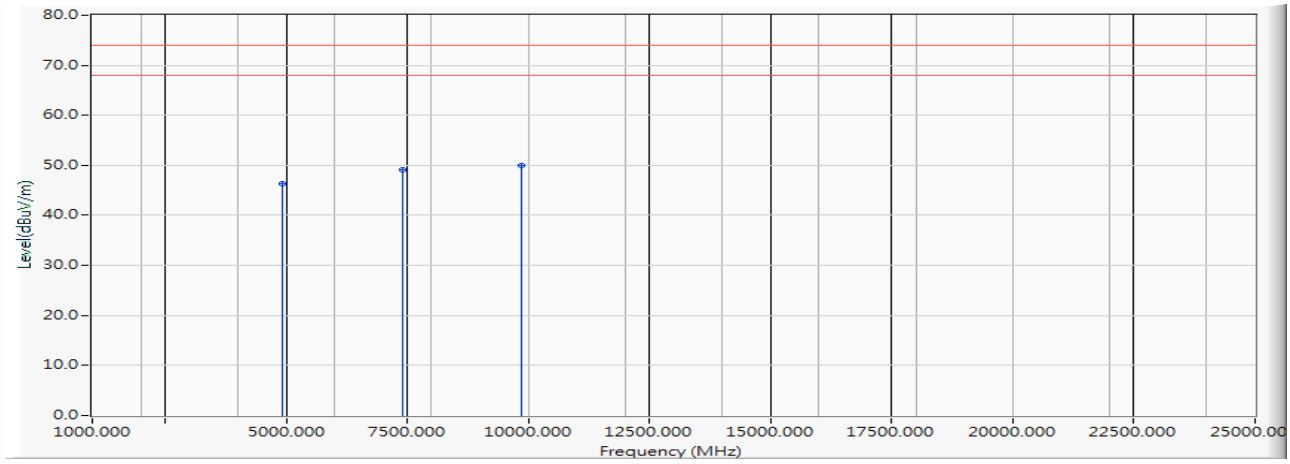
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	39.167	44.872	-29.128	74.000	PEAK
2	*	7386.000	11.345	38.146	49.492	-24.508	74.000	PEAK
3		9848.000	12.390	36.745	49.134	-24.866	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2467MHz)

Horizontal



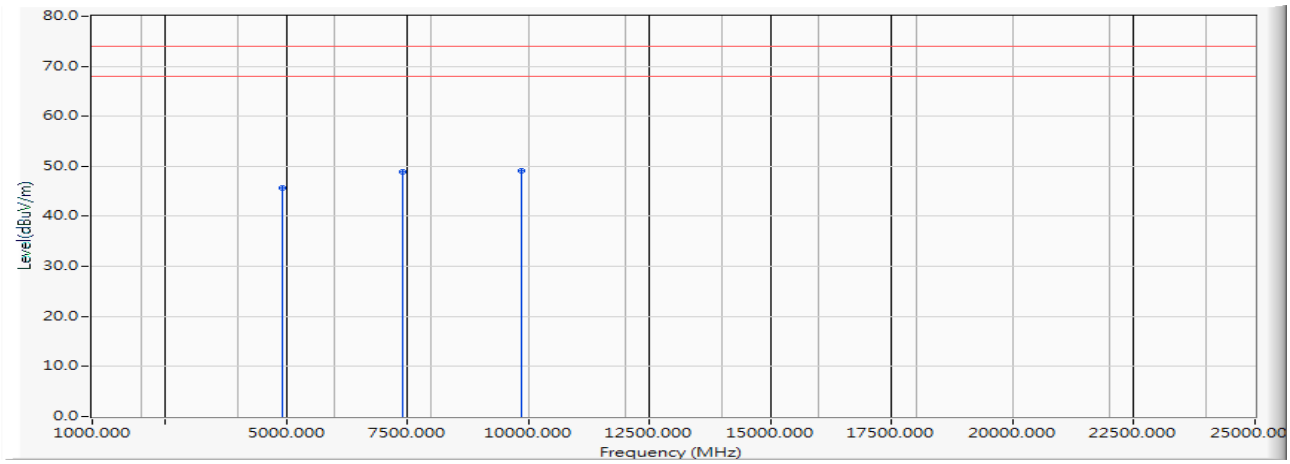
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	40.562	46.358	-27.642	74.000	PEAK
2		7401.000	11.244	37.845	49.089	-24.911	74.000	PEAK
3	*	9868.000	12.491	37.495	49.986	-24.014	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2467MHz)

Vertical



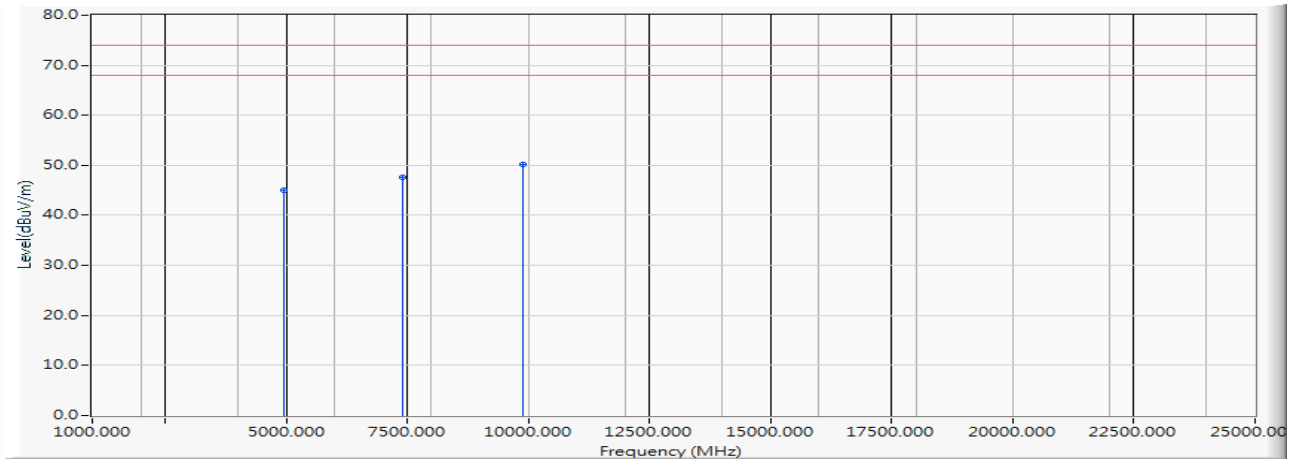
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	39.784	45.580	-28.420	74.000	PEAK
2		7401.000	11.244	37.595	48.839	-25.161	74.000	PEAK
3	*	9868.000	12.491	36.661	49.152	-24.848	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2472MHz)

Horizontal



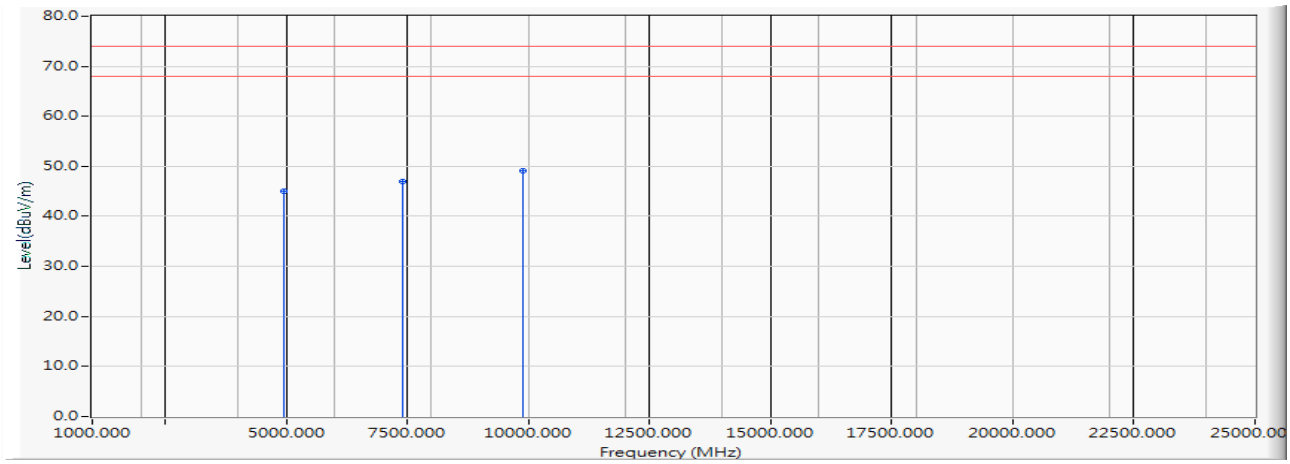
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	39.063	44.951	-29.049	74.000	PEAK
2		7416.000	11.142	36.495	47.636	-26.364	74.000	PEAK
3	*	9888.000	12.594	37.649	50.242	-23.758	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 2 SISO B: Transmit (802.11g 6Mbps) (2472MHz)

Vertical



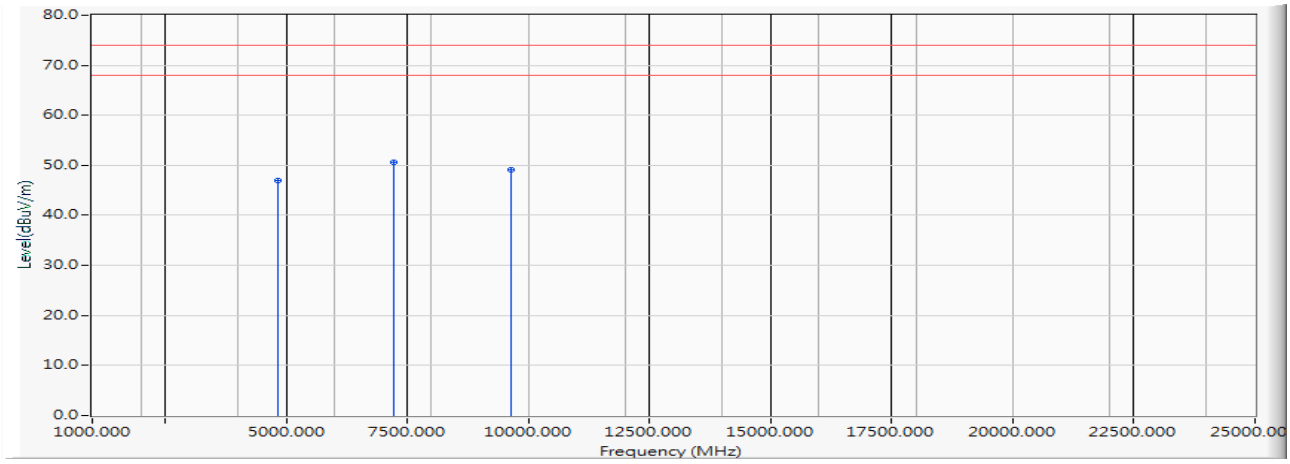
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	39.184	45.072	-28.928	74.000	PEAK
2		7416.000	11.142	35.921	47.062	-26.938	74.000	PEAK
3	*	9888.000	12.594	36.451	49.044	-24.956	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2412MHz)

Horizontal



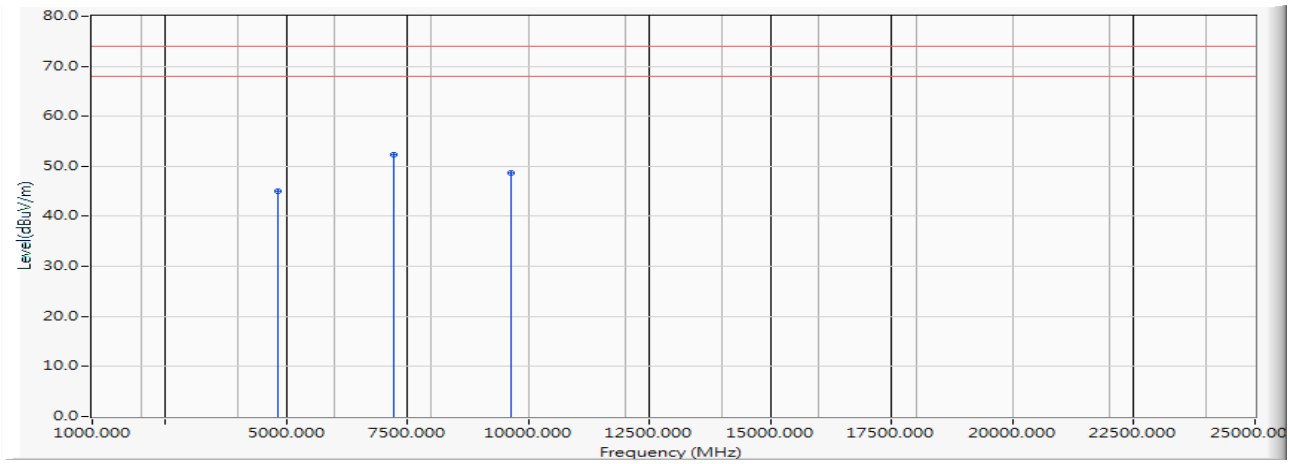
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	42.187	46.976	-27.024	74.000	PEAK
2	*	7236.000	12.072	38.491	50.563	-23.437	74.000	PEAK
3		9648.000	11.899	37.146	49.045	-24.955	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2412MHz)

Vertical



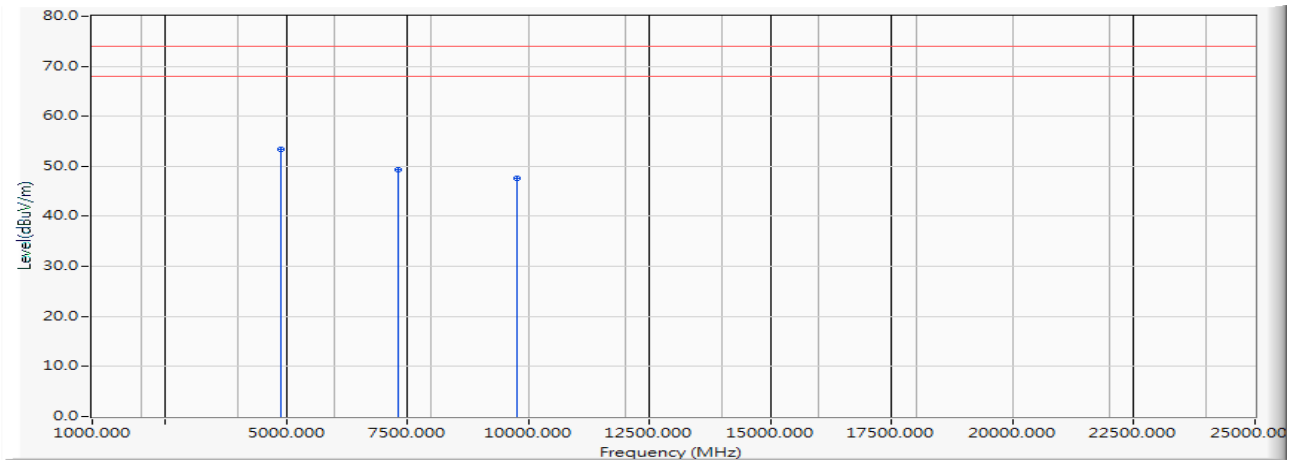
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	40.198	44.987	-29.013	74.000	PEAK
2	*	7236.000	12.072	40.159	52.231	-21.769	74.000	PEAK
3		9648.000	11.899	36.854	48.753	-25.247	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2442MHz)

Horizontal



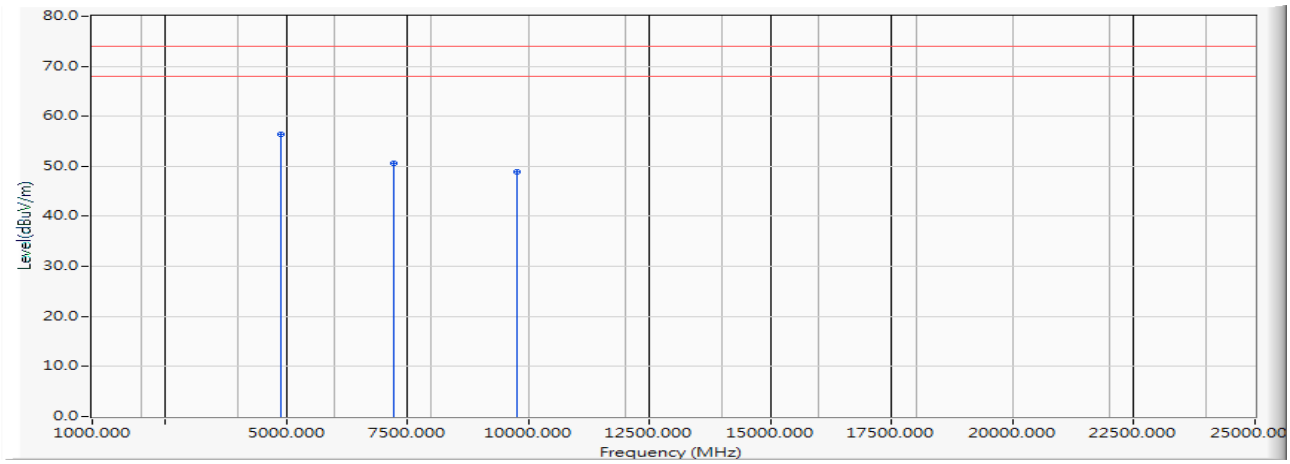
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	47.965	53.303	-20.697	74.000	PEAK
2		7326.000	11.754	37.485	49.239	-24.761	74.000	PEAK
3		9768.000	11.976	35.699	47.675	-26.325	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2442MHz)

Vertical



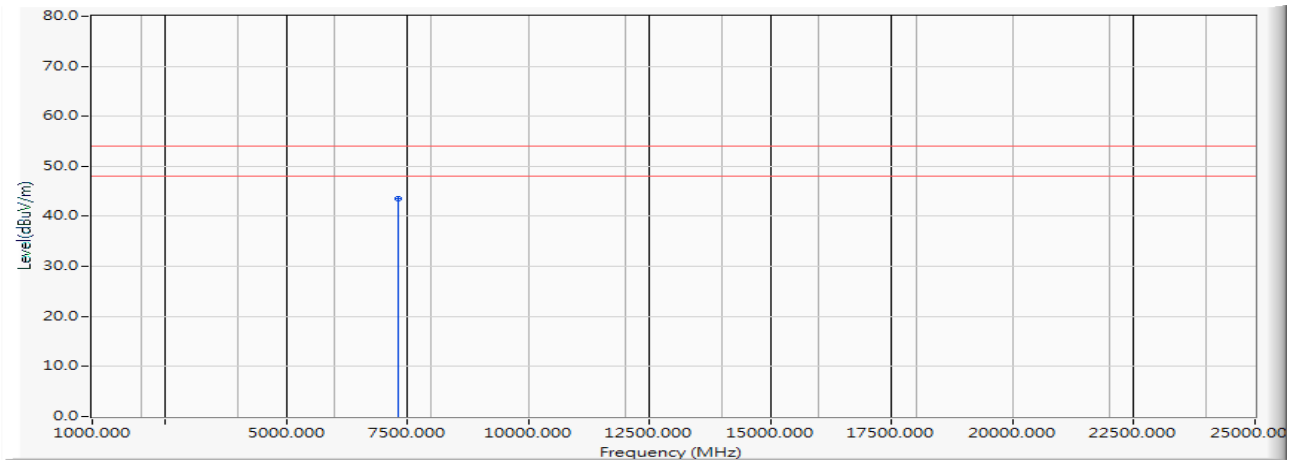
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	51.069	56.407	-17.593	74.000	PEAK
2		7236.000	12.072	38.498	50.570	-23.430	74.000	PEAK
3		9768.000	11.976	36.845	48.821	-25.179	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2442MHz)

Vertical



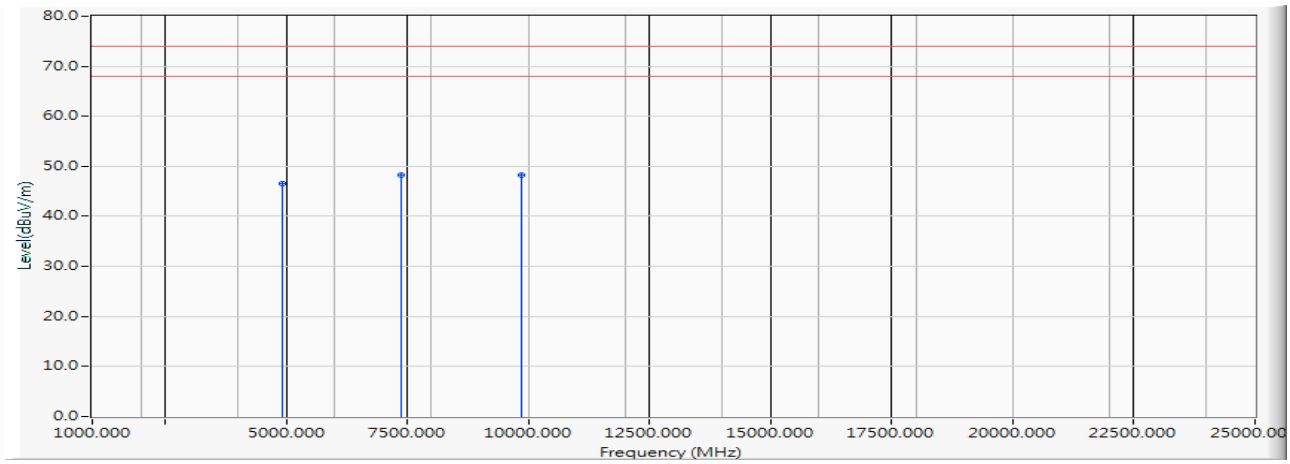
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7326.000	11.754	31.846	43.600	-10.400	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2462MHz)

Horizontal



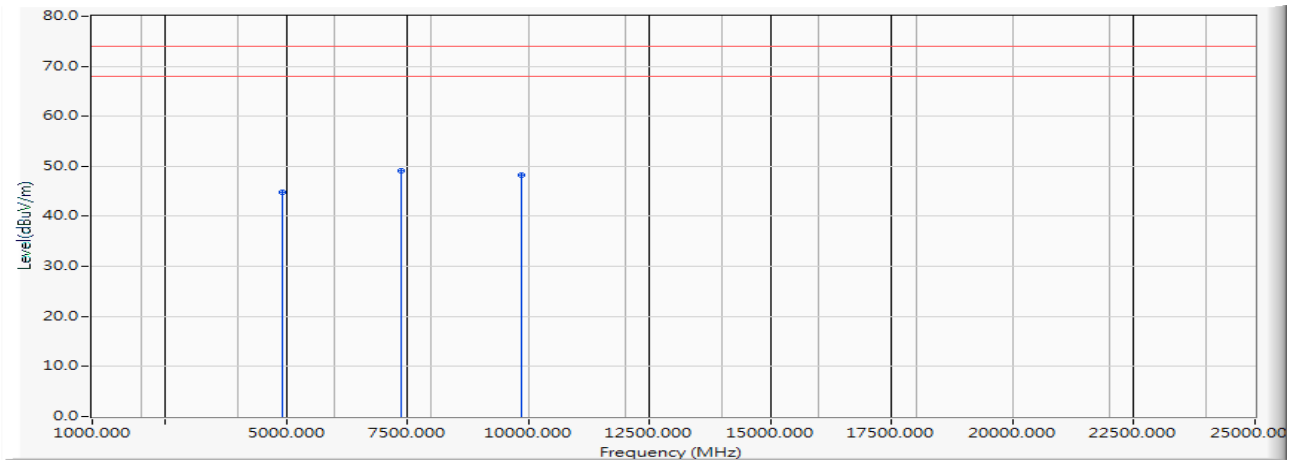
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	40.847	46.552	-27.448	74.000	PEAK
2		7386.000	11.345	36.849	48.195	-25.805	74.000	PEAK
3	*	9848.000	12.390	35.974	48.363	-25.637	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2462MHz)

Vertical



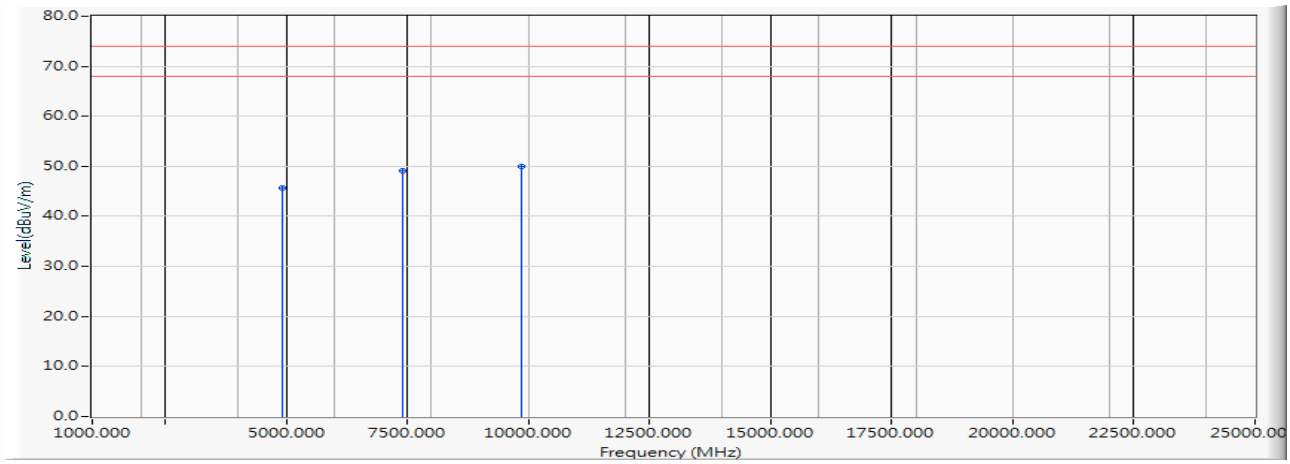
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	39.156	44.861	-29.139	74.000	PEAK
2	*	7386.000	11.345	37.845	49.191	-24.809	74.000	PEAK
3		9848.000	12.390	35.846	48.235	-25.765	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2467MHz)

Horizontal



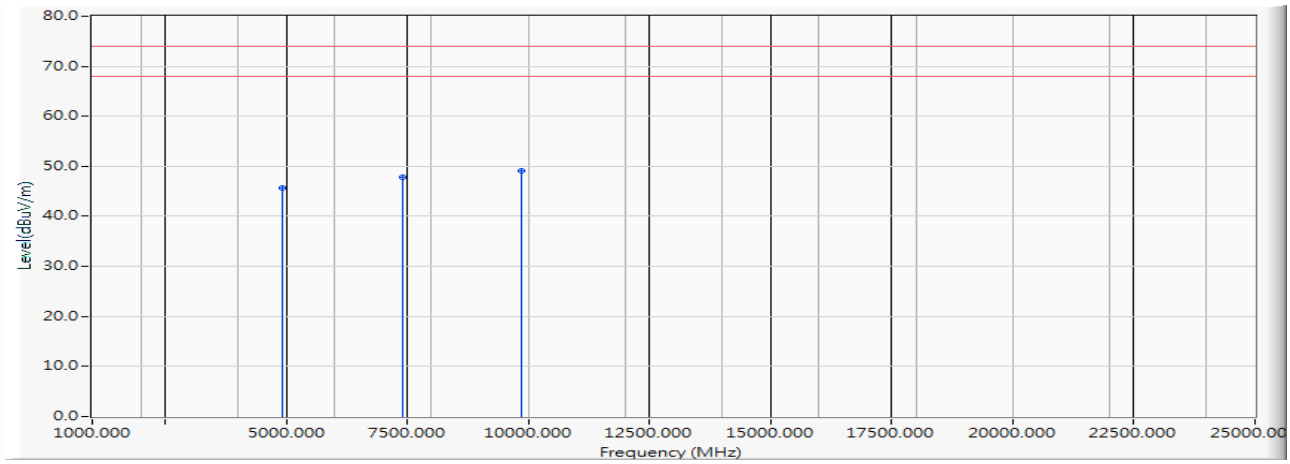
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	39.846	45.642	-28.358	74.000	PEAK
2		7401.000	11.244	37.963	49.207	-24.793	74.000	PEAK
3	*	9868.000	12.491	37.489	49.980	-24.020	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2467MHz)

Vertical



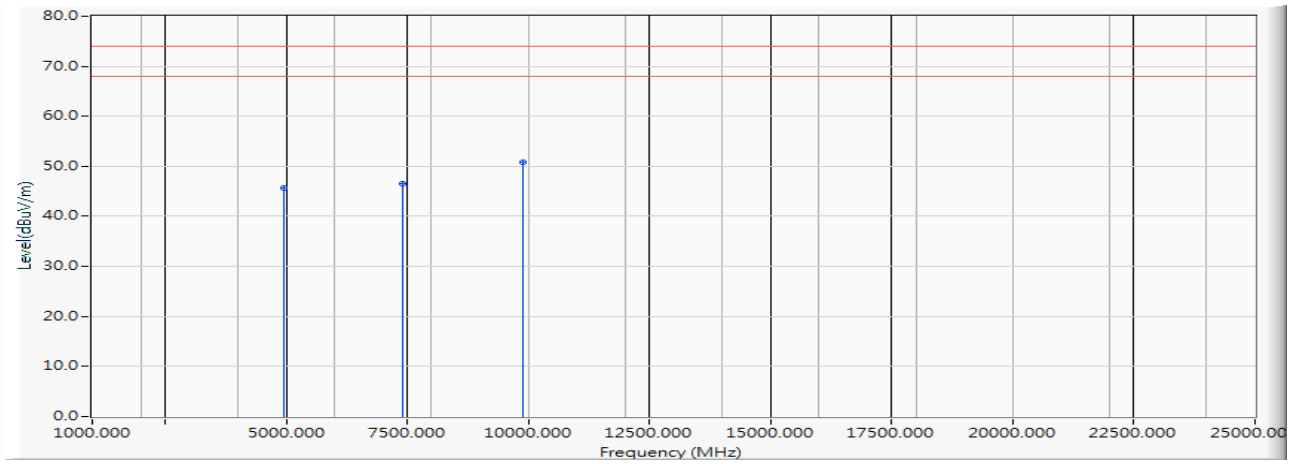
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	39.845	45.641	-28.359	74.000	PEAK
2		7401.000	11.244	36.648	47.892	-26.108	74.000	PEAK
3	*	9868.000	12.491	36.543	49.034	-24.966	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2472MHz)

Horizontal



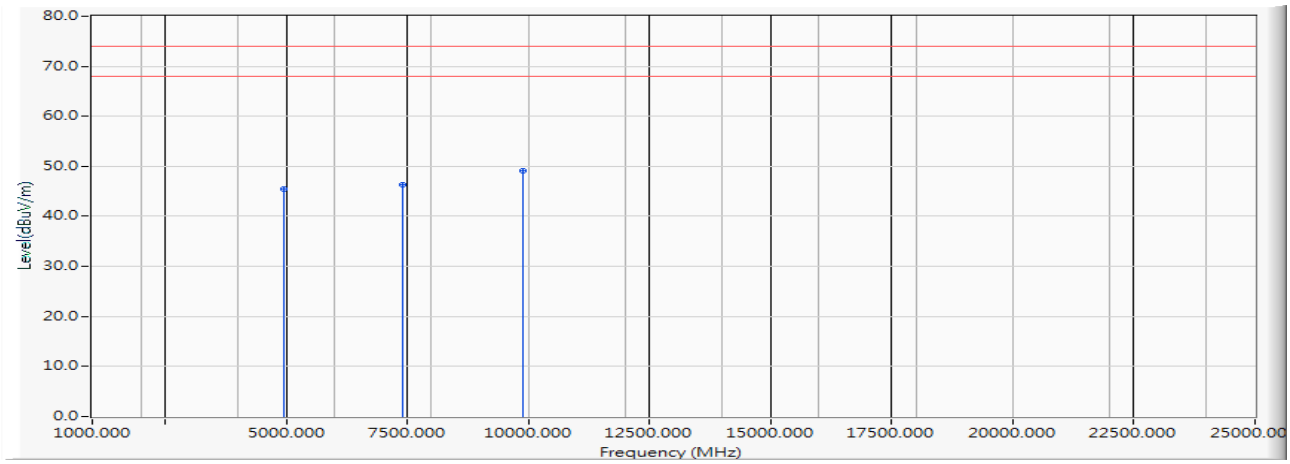
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	39.713	45.601	-28.399	74.000	PEAK
2		7416.000	11.142	35.298	46.439	-27.561	74.000	PEAK
3	*	9888.000	12.594	38.153	50.746	-23.254	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW_7.2Mbps) (2472MHz)

Vertical



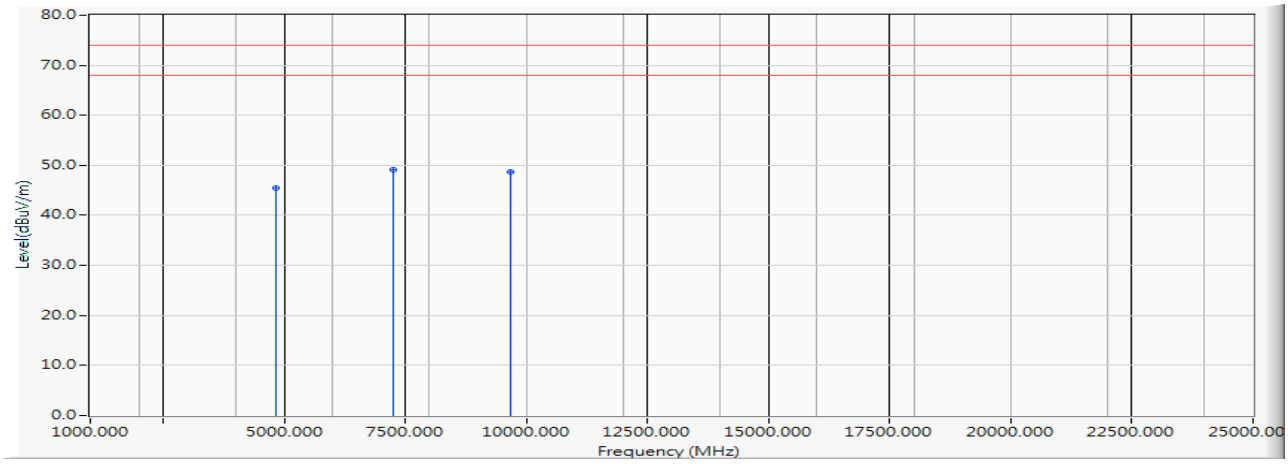
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	39.541	45.429	-28.571	74.000	PEAK
2		7416.000	11.142	35.198	46.339	-27.661	74.000	PEAK
3	*	9888.000	12.594	36.497	49.090	-24.910	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2422MHz)

Horizontal



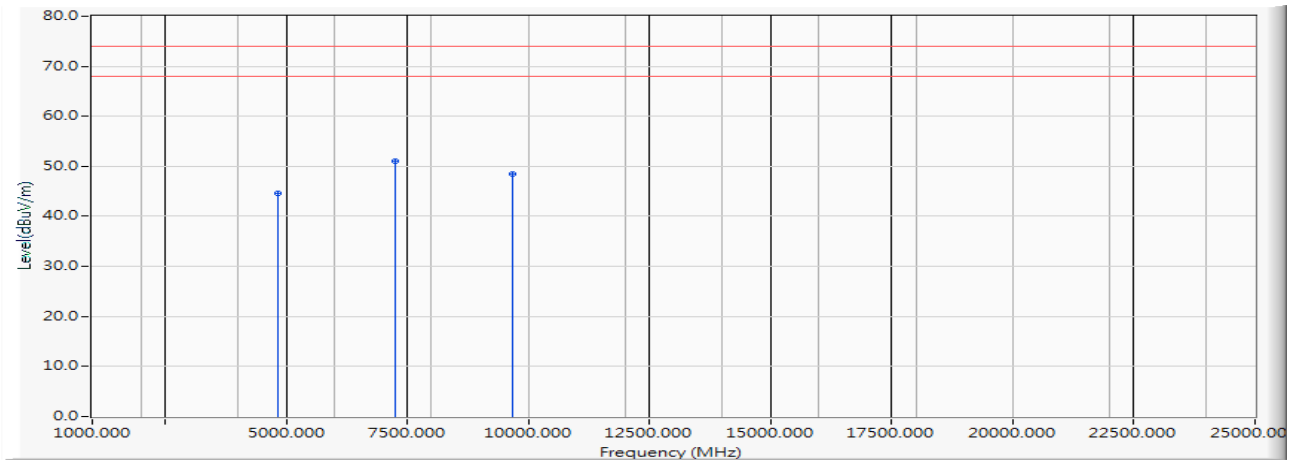
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4844.000	4.971	40.513	45.484	-28.516	74.000	PEAK
2	*	7266.000	12.160	36.894	49.054	-24.946	74.000	PEAK
3		9688.000	11.890	36.745	48.635	-25.365	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2422MHz)

Vertical



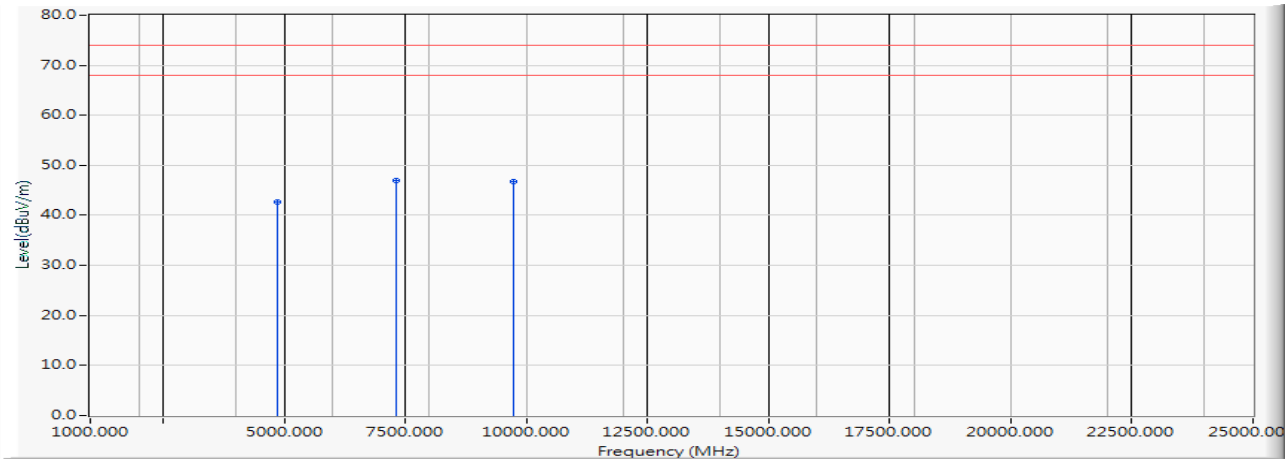
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4844.000	4.971	39.584	44.555	-29.445	74.000	PEAK
2	*	7266.000	12.160	38.925	51.085	-22.915	74.000	PEAK
3		9688.000	11.890	36.487	48.377	-25.623	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2442MHz)

Horizontal



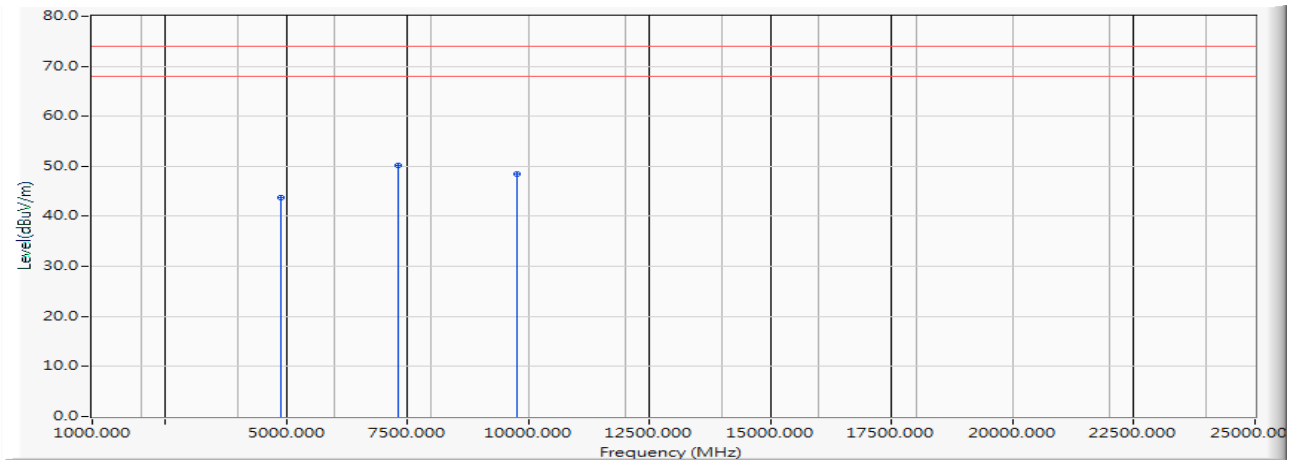
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	37.496	42.835	-31.165	74.000	PEAK
2	*	7326.000	11.754	35.189	46.943	-27.057	74.000	PEAK
3		9768.000	11.976	34.856	46.832	-27.168	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2442MHz)

Vertical



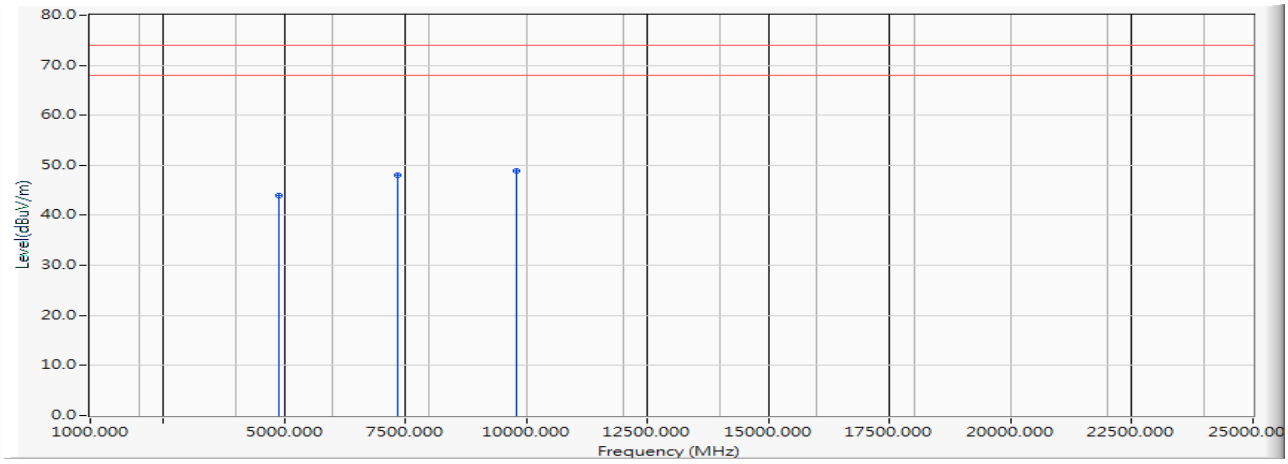
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	38.493	43.831	-30.169	74.000	PEAK
2	*	7326.000	11.754	38.498	50.252	-23.748	74.000	PEAK
3		9768.000	11.976	36.496	48.472	-25.528	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2452MHz)

Horizontal



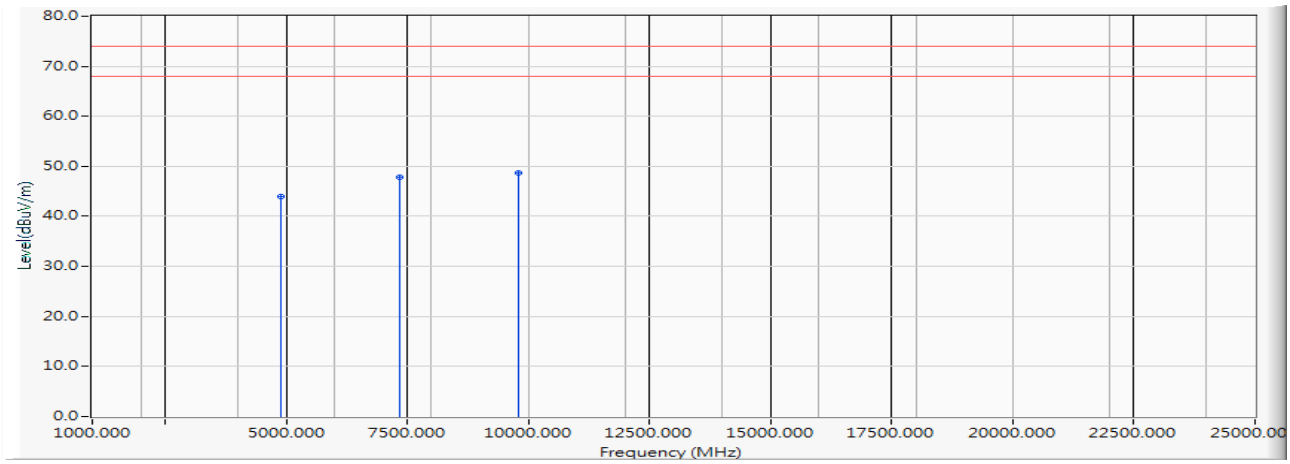
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	5.522	38.469	43.991	-30.009	74.000	PEAK
2		7356.000	11.549	36.412	47.962	-26.038	74.000	PEAK
3	*	9808.000	12.184	36.749	48.932	-25.068	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2452MHz)

Vertical



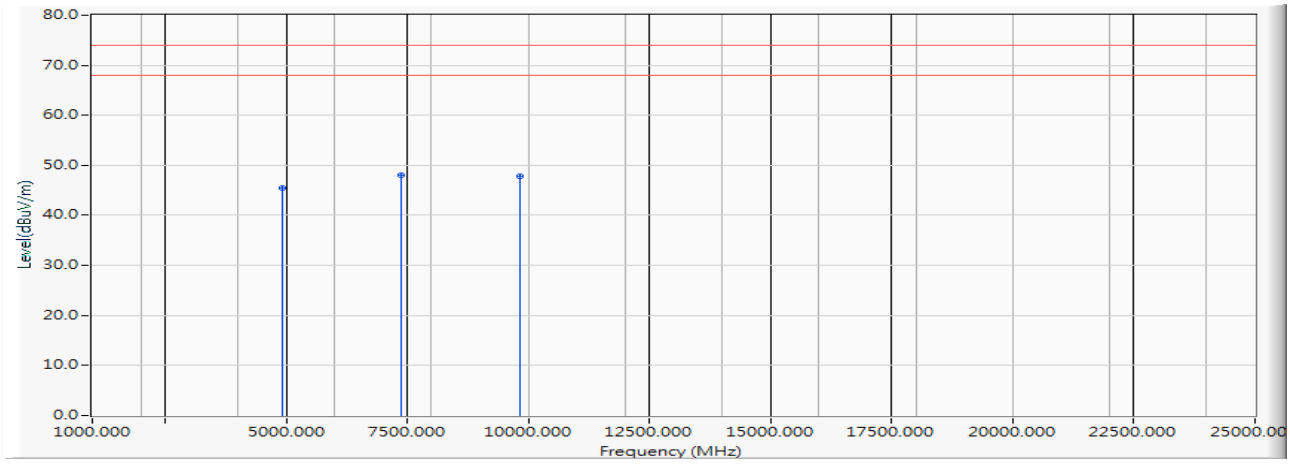
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	5.522	38.360	43.882	-30.118	74.000	PEAK
2		7356.000	11.549	36.193	47.743	-26.257	74.000	PEAK
3	*	9808.000	12.184	36.479	48.662	-25.338	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2457MHz)

Horizontal



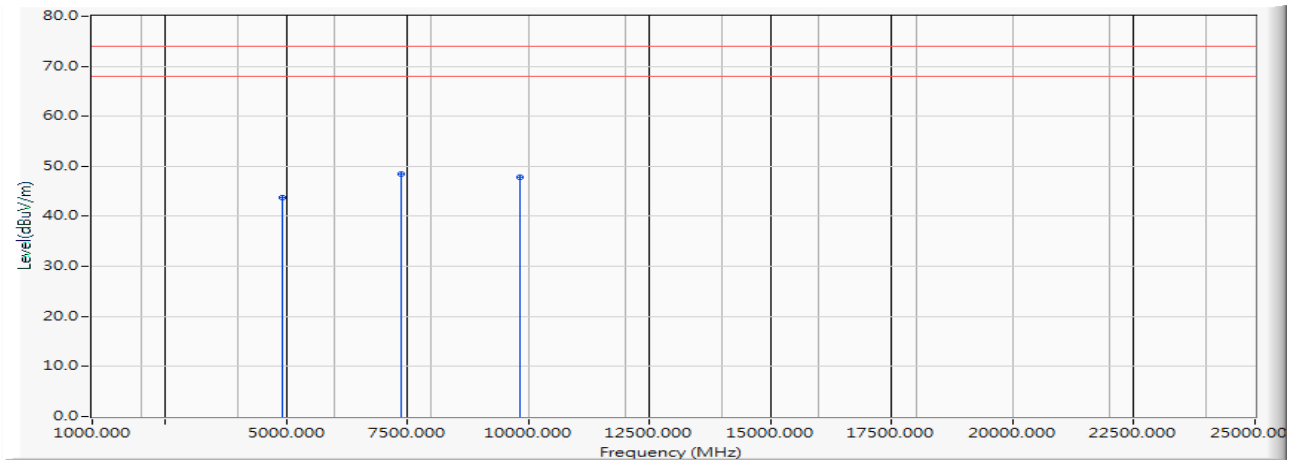
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4914.000	5.614	39.874	45.487	-28.513	74.000	PEAK
2	*	7371.000	11.447	36.489	47.936	-26.064	74.000	PEAK
3		9828.000	12.285	35.541	47.827	-26.173	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2457MHz)

Vertical



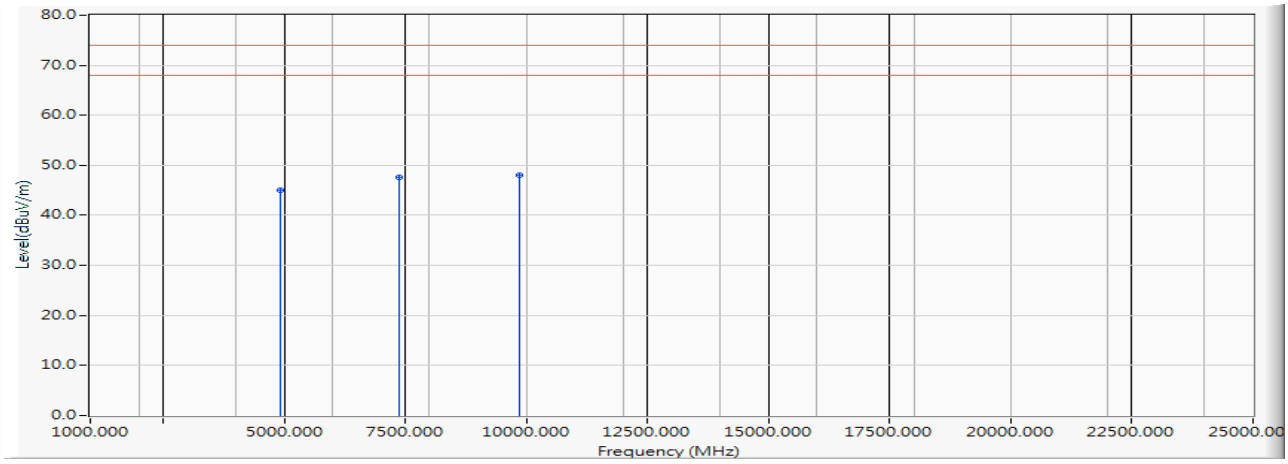
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4914.000	5.614	38.165	43.778	-30.222	74.000	PEAK
2	*	7371.000	11.447	37.063	48.510	-25.490	74.000	PEAK
3		9828.000	12.285	35.498	47.784	-26.216	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2462MHz)

Horizontal



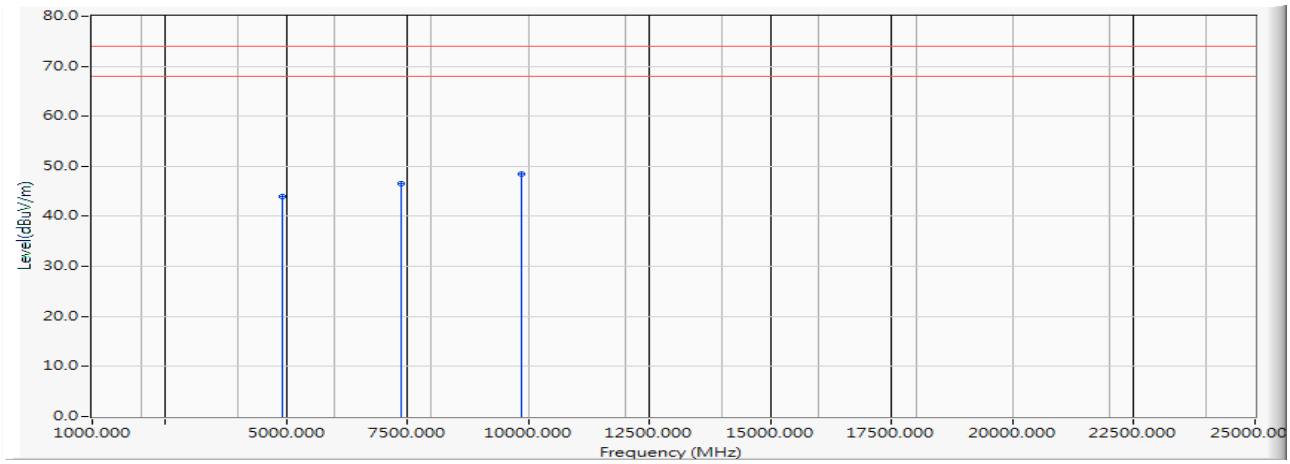
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	39.412	45.117	-28.883	74.000	PEAK
2		7386.000	11.345	36.195	47.541	-26.459	74.000	PEAK
3	*	9848.000	12.390	35.628	48.017	-25.983	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW_15Mbps) (2462MHz)

Vertical



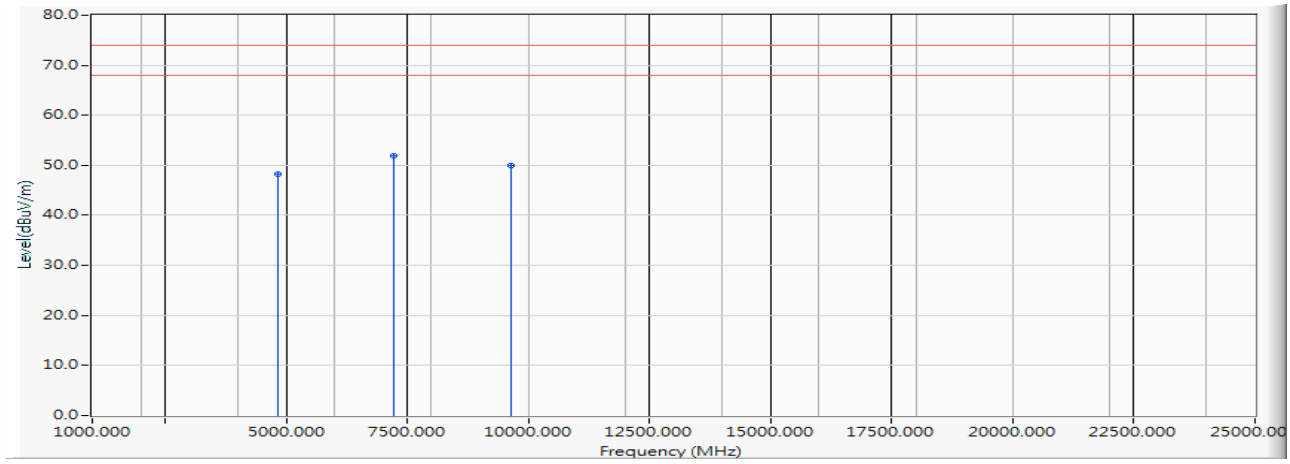
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	38.167	43.872	-30.128	74.000	PEAK
2		7386.000	11.345	35.098	46.444	-27.556	74.000	PEAK
3	*	9848.000	12.390	36.182	48.571	-25.429	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2412MHz)

Horizontal



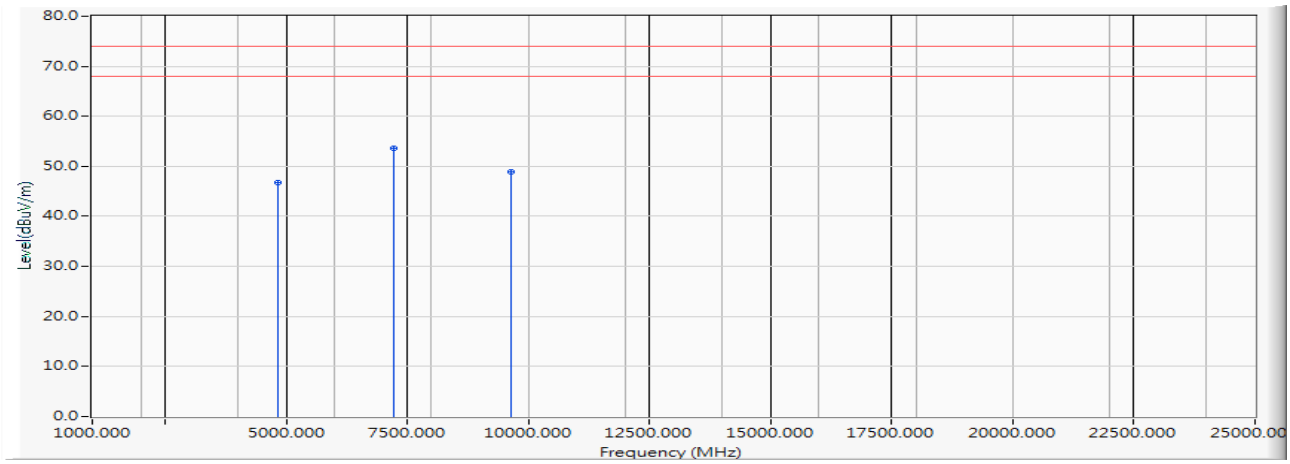
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	43.574	48.363	-25.637	74.000	PEAK
2	*	7236.000	12.072	39.852	51.924	-22.076	74.000	PEAK
3		9648.000	11.899	38.067	49.966	-24.034	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2412MHz)

Vertical



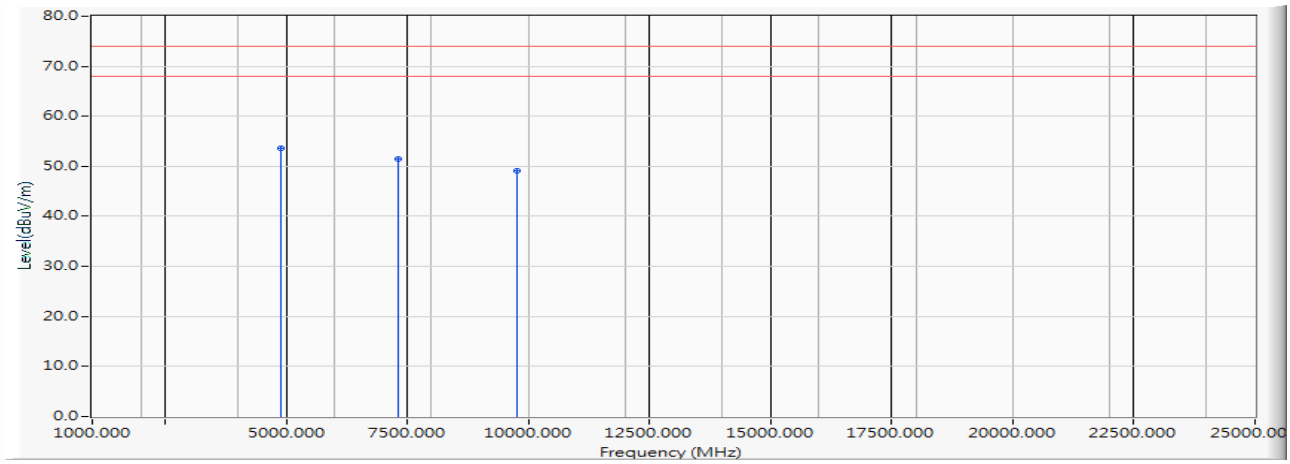
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4824.000	4.789	41.988	46.777	-27.223	74.000	PEAK
2	*	7236.000	12.072	41.520	53.592	-20.408	74.000	PEAK
3		9648.000	11.899	37.054	48.953	-25.047	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2442MHz)

Horizontal



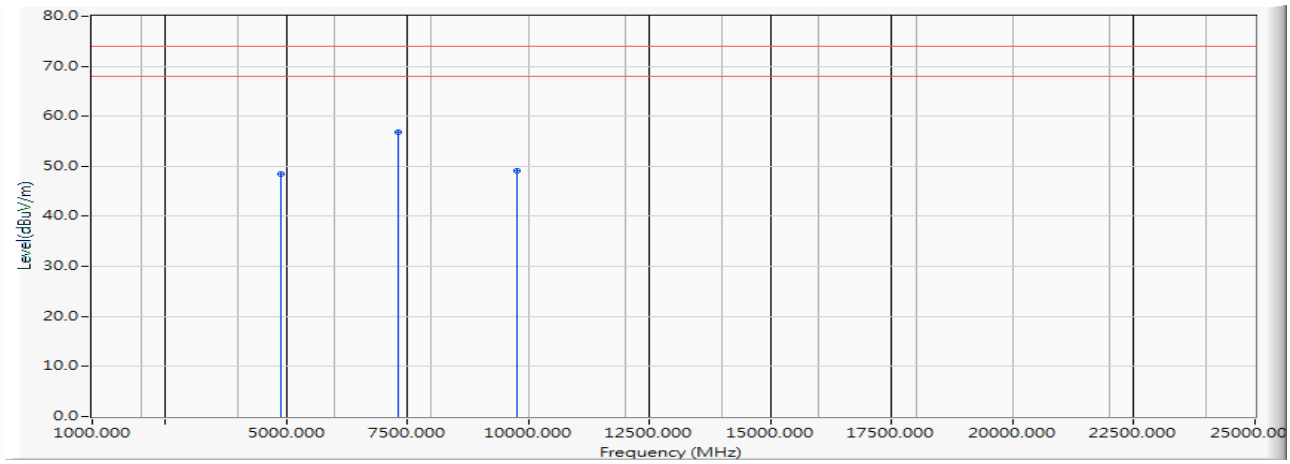
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4884.000	5.339	48.210	53.548	-20.452	74.000	PEAK
2		7326.000	11.754	39.780	51.534	-22.466	74.000	PEAK
3		9768.000	11.976	37.156	49.132	-24.868	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2442MHz)

Vertical



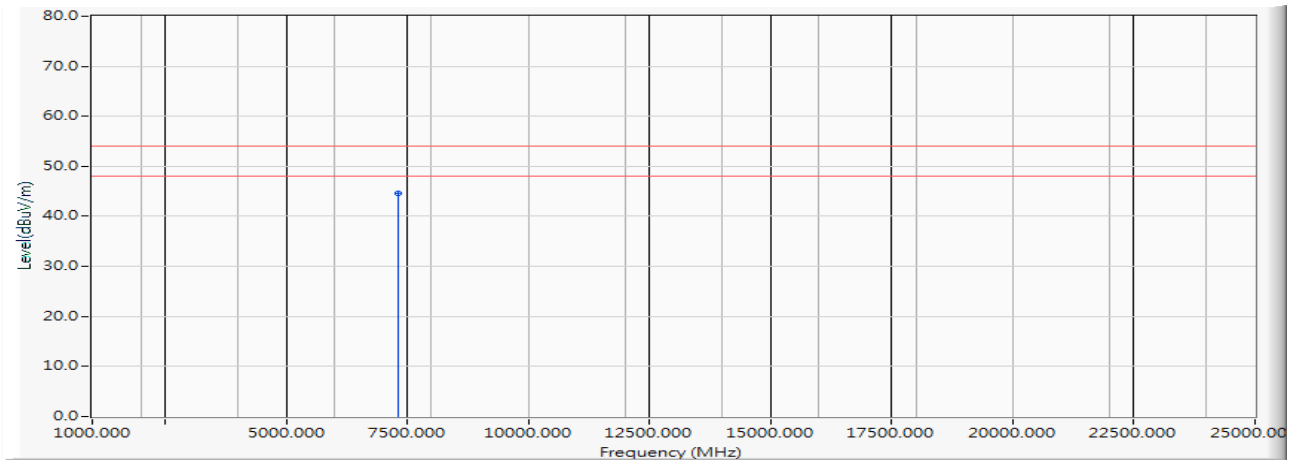
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	43.046	48.384	-25.616	74.000	PEAK
2	*	7326.000	11.754	45.120	56.874	-17.126	74.000	PEAK
3		9768.000	11.976	37.045	49.021	-24.979	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2442MHz)

Vertical



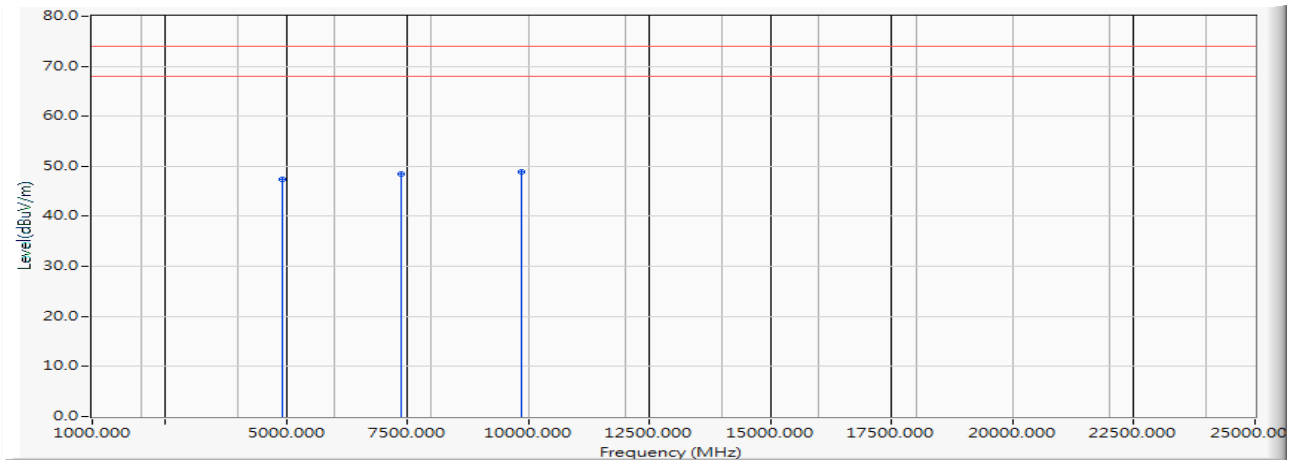
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7326.000	11.754	32.786	44.540	-9.460	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2462MHz)

Horizontal



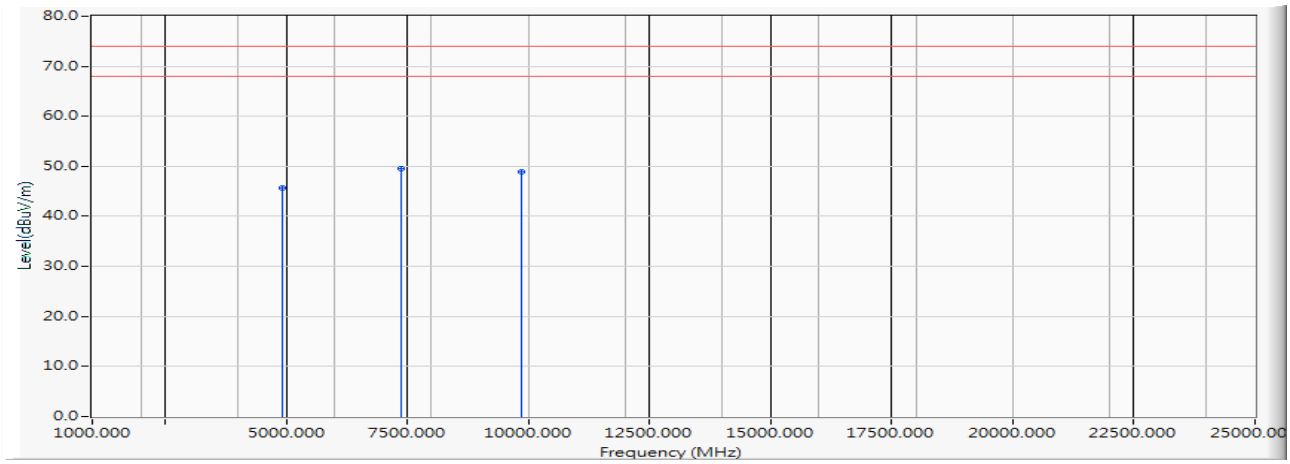
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	41.784	47.489	-26.511	74.000	PEAK
2		7386.000	11.345	37.142	48.488	-25.512	74.000	PEAK
3	*	9848.000	12.390	36.412	48.801	-25.199	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2462MHz)

Vertical



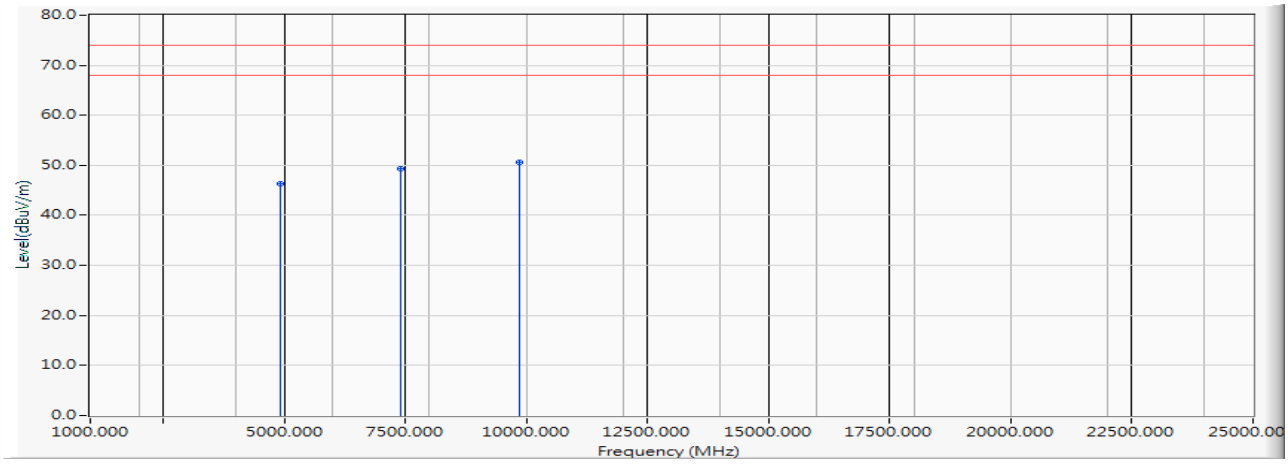
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	40.023	45.728	-28.272	74.000	PEAK
2	*	7386.000	11.345	38.125	49.471	-24.529	74.000	PEAK
3		9848.000	12.390	36.542	48.931	-25.069	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2467MHz)

Horizontal



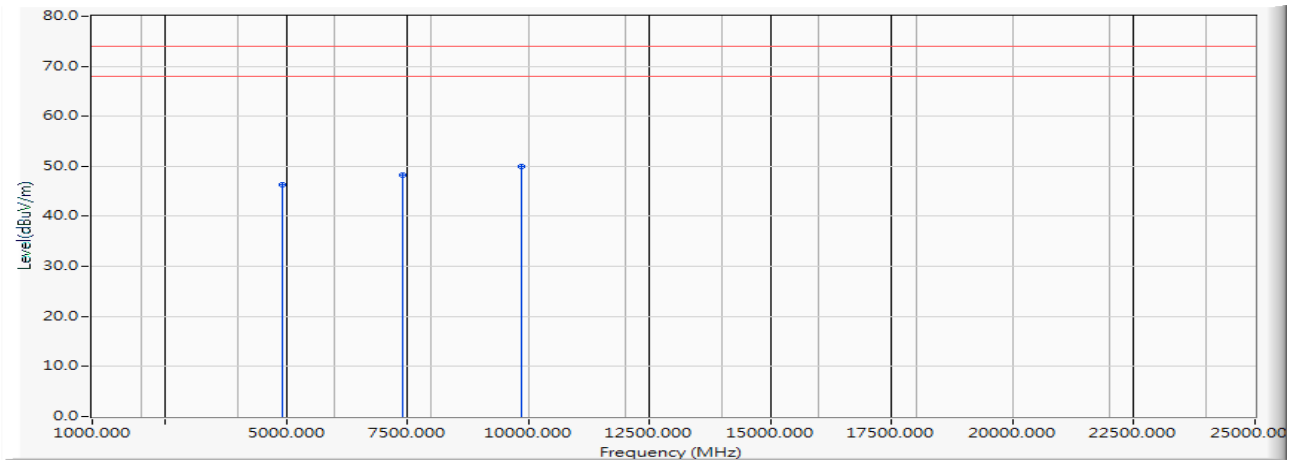
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	40.537	46.333	-27.667	74.000	PEAK
2		7401.000	11.244	38.022	49.266	-24.734	74.000	PEAK
3	*	9868.000	12.491	38.025	50.516	-23.484	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2467MHz)

Vertical



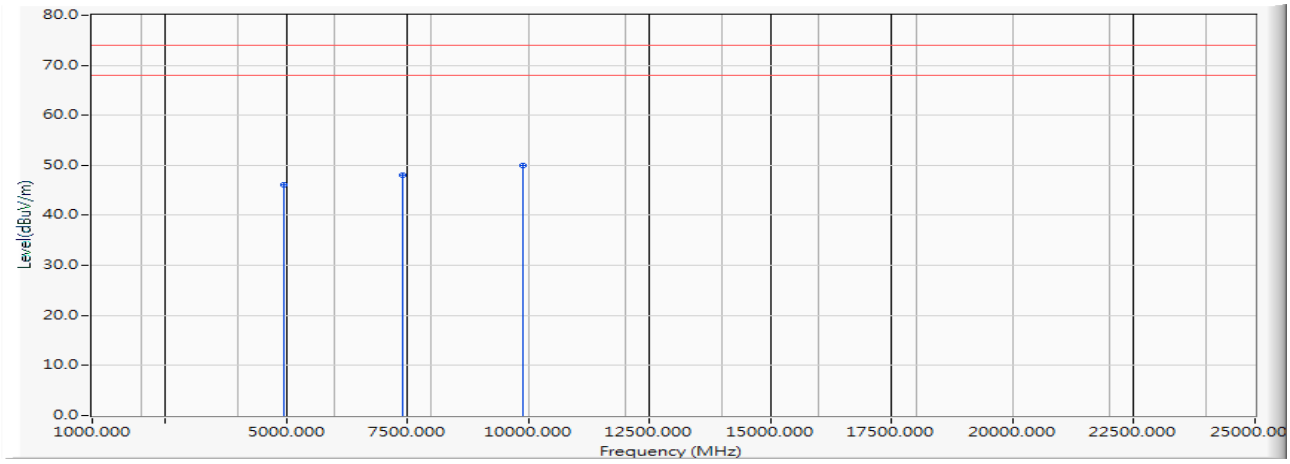
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4934.000	5.797	40.480	46.276	-27.724	74.000	PEAK
2		7401.000	11.244	37.047	48.291	-25.709	74.000	PEAK
3	*	9868.000	12.491	37.558	50.049	-23.951	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2472MHz)

Horizontal



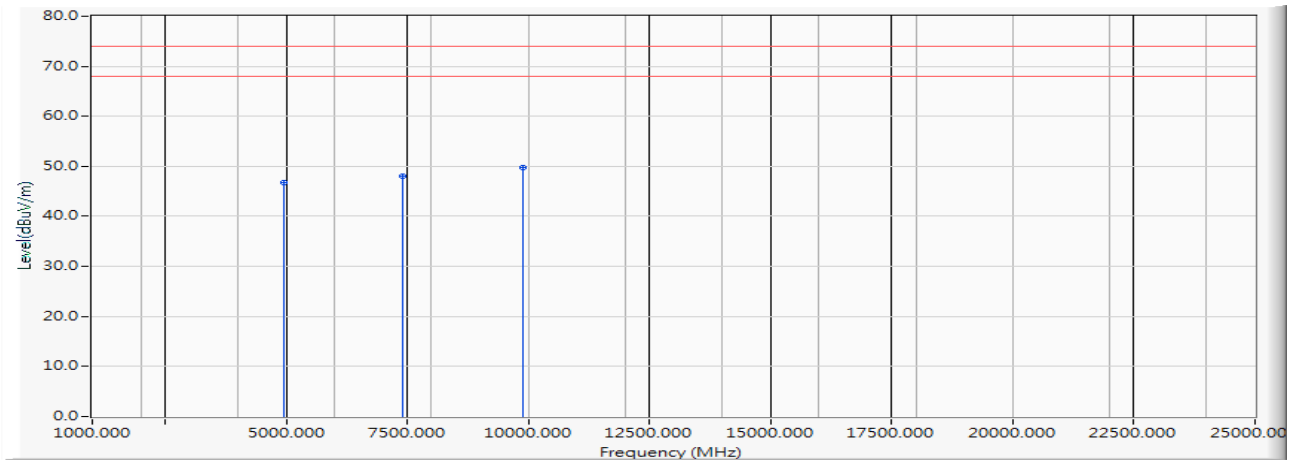
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	40.212	46.100	-27.900	74.000	PEAK
2		7416.000	11.142	36.861	48.002	-25.998	74.000	PEAK
3	*	9888.000	12.594	37.483	50.076	-23.924	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Flat Panel Detector
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2019/09/24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps) (2472MHz)

Vertical



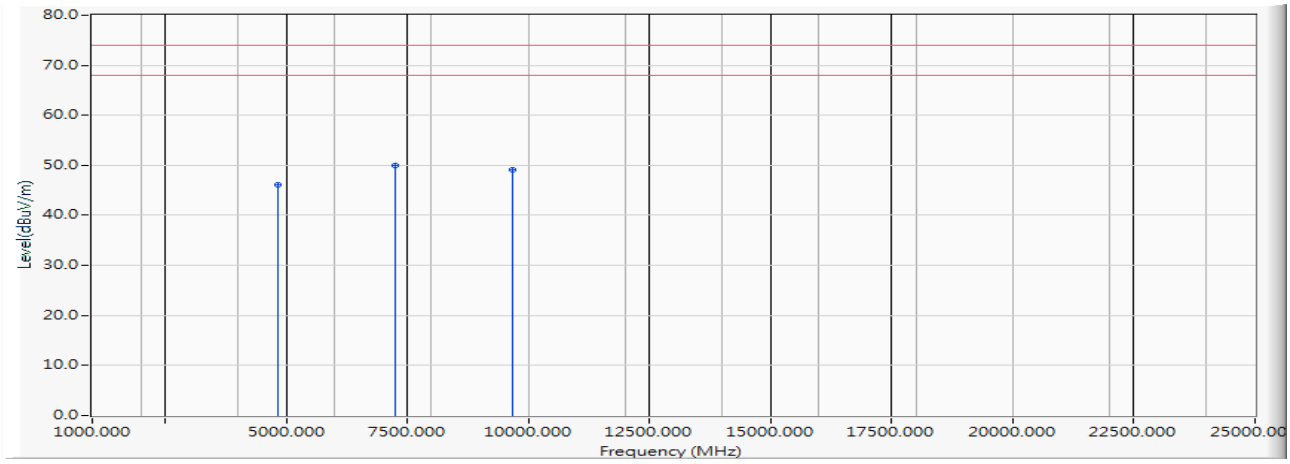
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4944.000	5.888	40.781	46.669	-27.331	74.000	PEAK
2		7416.000	11.142	36.861	48.002	-25.998	74.000	PEAK
3	*	9888.000	12.594	37.219	49.812	-24.188	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2422MHz)

Horizontal



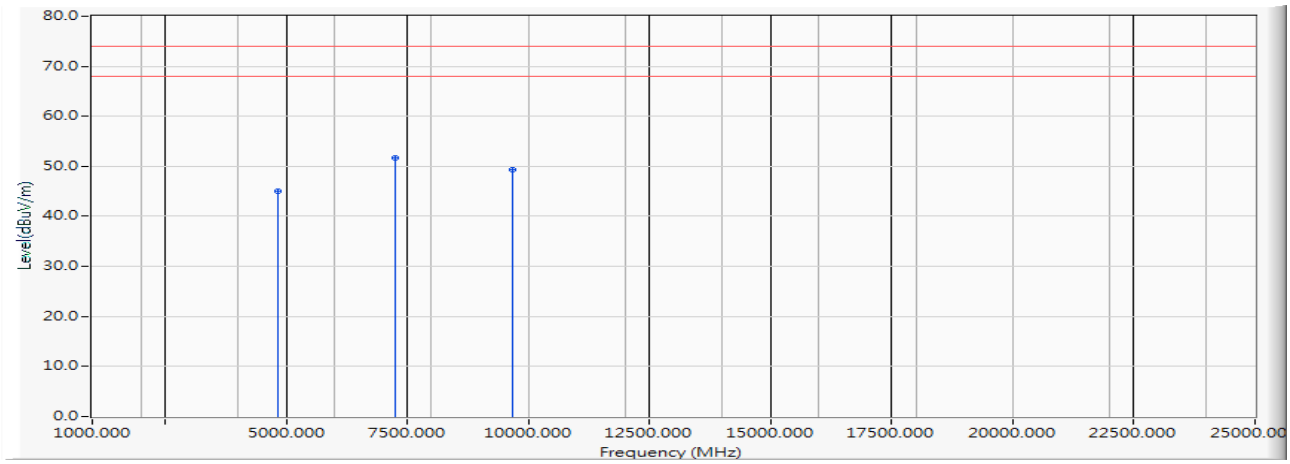
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4844.000	4.971	41.138	46.109	-27.891	74.000	PEAK
2	*	7266.000	12.160	37.845	50.005	-23.995	74.000	PEAK
3		9688.000	11.890	37.202	49.092	-24.908	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2422MHz)

Vertical



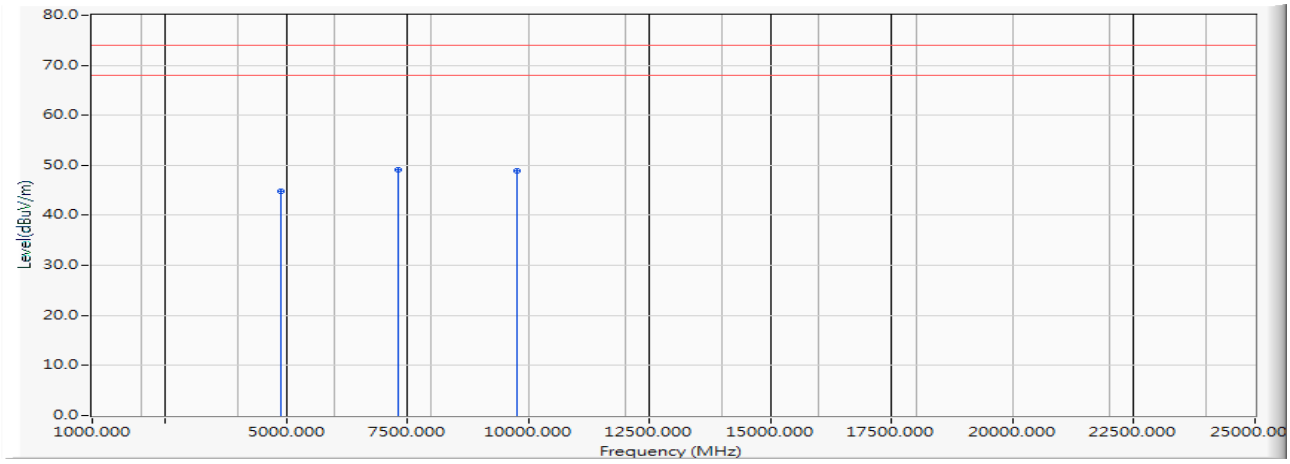
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4844.000	4.971	40.096	45.067	-28.933	74.000	PEAK
2	*	7266.000	12.160	39.541	51.701	-22.299	74.000	PEAK
3		9688.000	11.890	37.419	49.309	-24.691	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2442MHz)

Horizontal



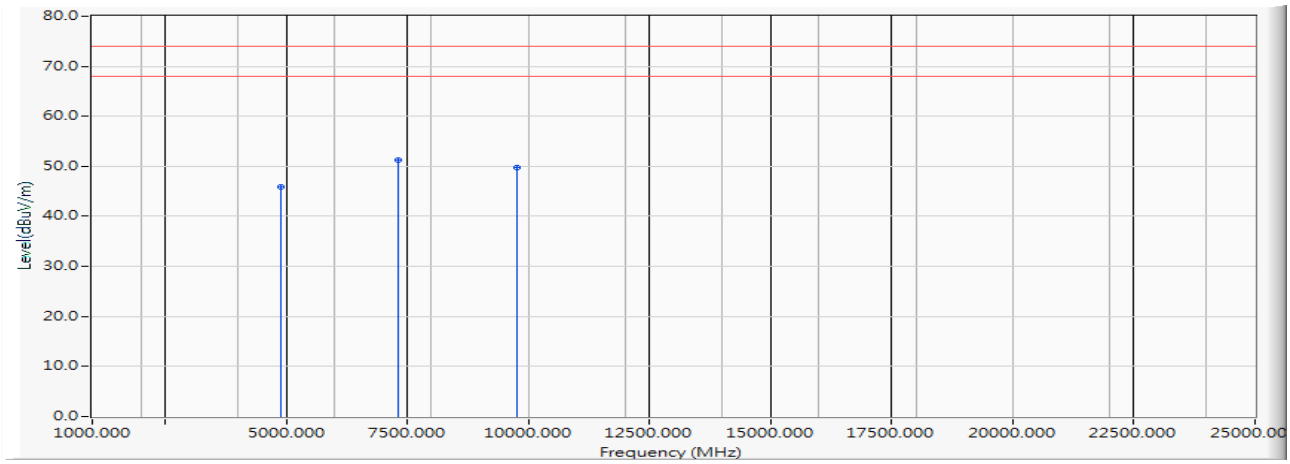
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	39.548	44.886	-29.114	74.000	PEAK
2	*	7326.000	11.754	37.412	49.166	-24.834	74.000	PEAK
3		9768.000	11.976	36.998	48.974	-25.026	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2442MHz)

Vertical



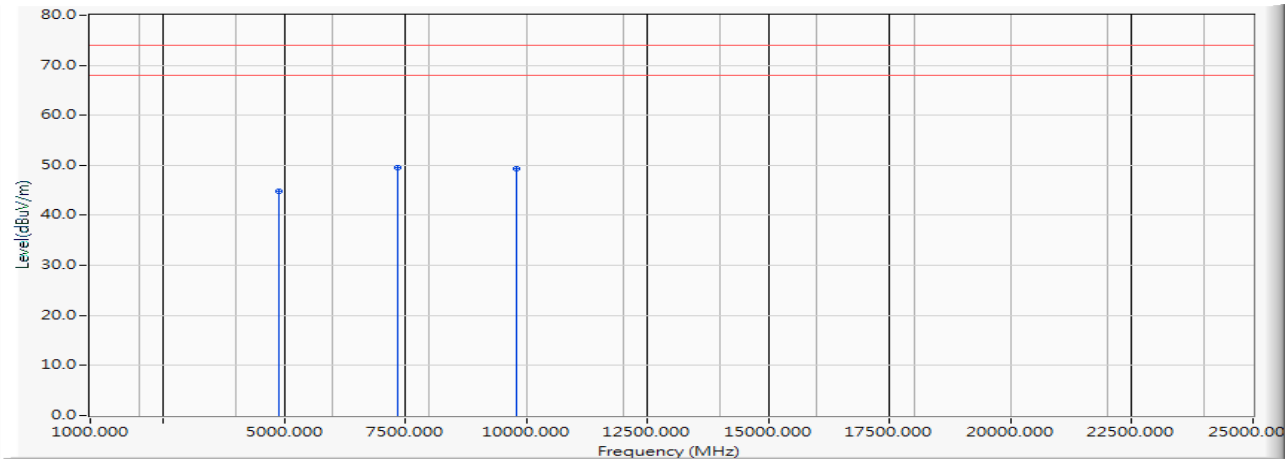
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.000	5.339	40.463	45.801	-28.199	74.000	PEAK
2	*	7326.000	11.754	39.415	51.169	-22.831	74.000	PEAK
3		9768.000	11.976	37.802	49.778	-24.222	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2452MHz)

Horizontal



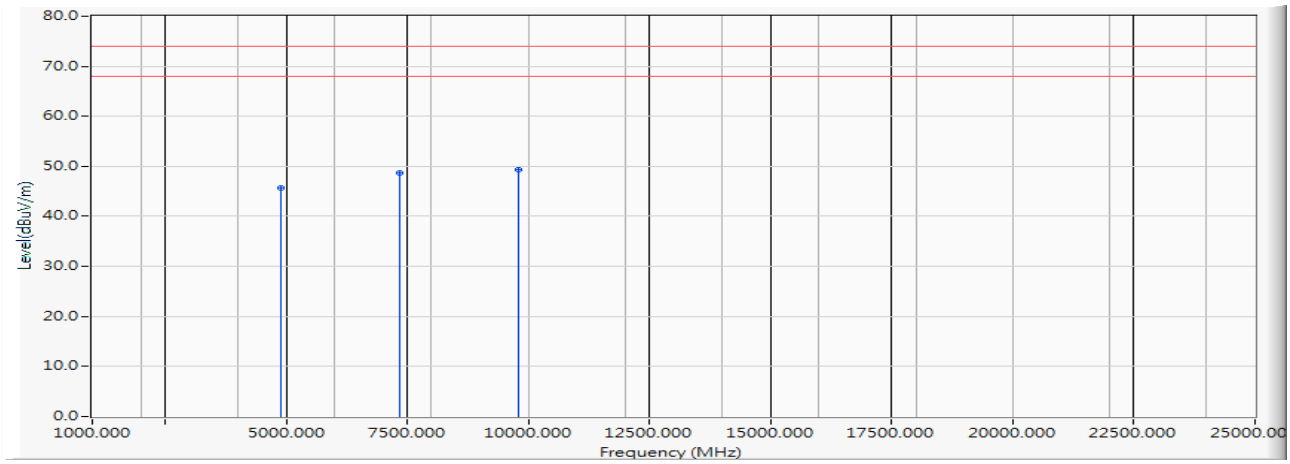
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	5.522	39.410	44.932	-29.068	74.000	PEAK
2	*	7356.000	11.549	37.921	49.471	-24.529	74.000	PEAK
3		9808.000	12.184	37.068	49.251	-24.749	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2452MHz)

Vertical



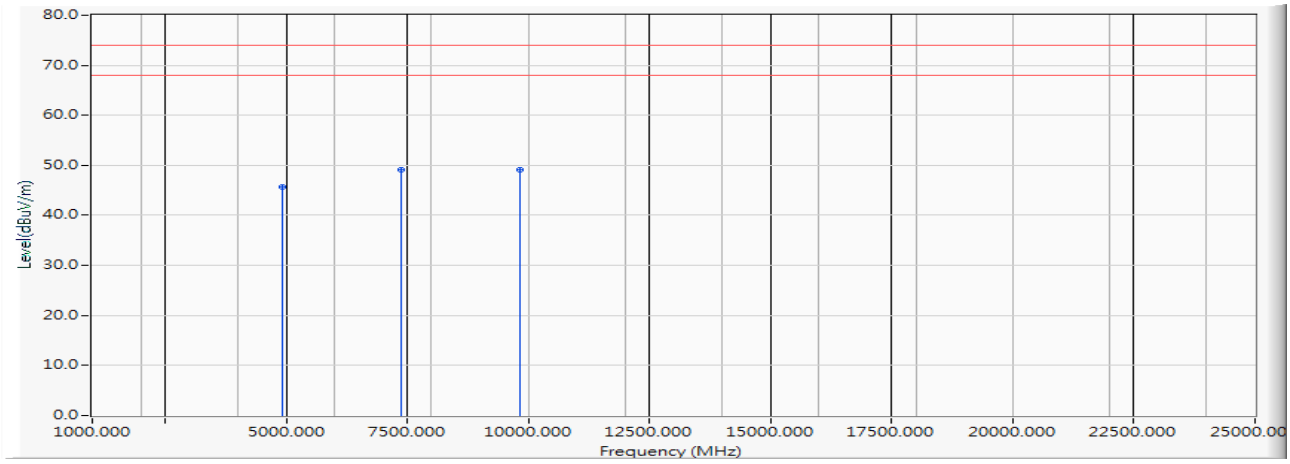
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4904.000	5.522	40.210	45.732	-28.268	74.000	PEAK
2		7356.000	11.549	37.129	48.679	-25.321	74.000	PEAK
3	*	9808.000	12.184	37.089	49.272	-24.728	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2457MHz)

Horizontal



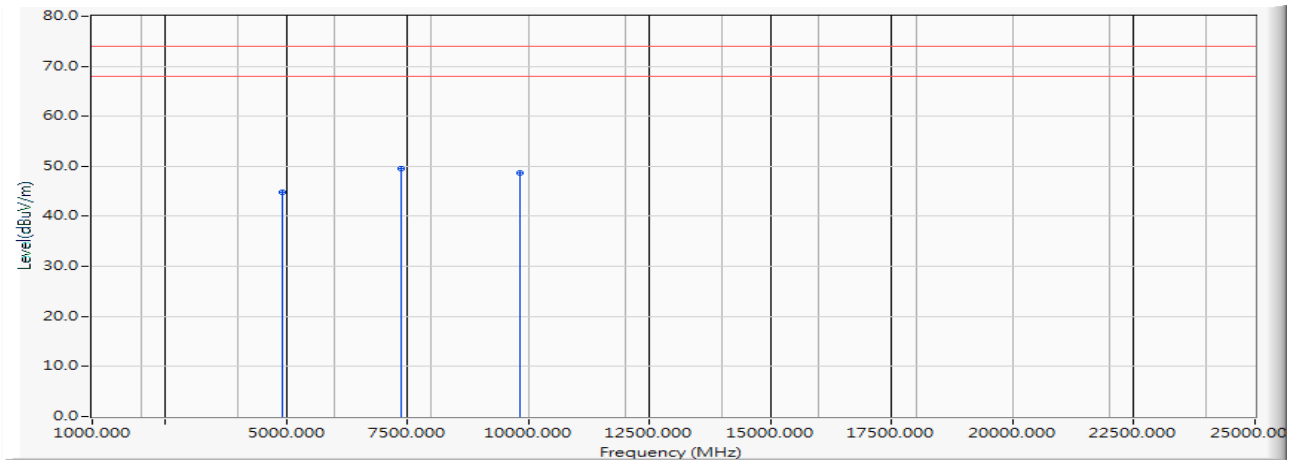
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4914.000	5.614	40.003	45.616	-28.384	74.000	PEAK
2	*	7371.000	11.447	37.730	49.177	-24.823	74.000	PEAK
3		9828.000	12.285	36.840	49.126	-24.874	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2457MHz)

Vertical



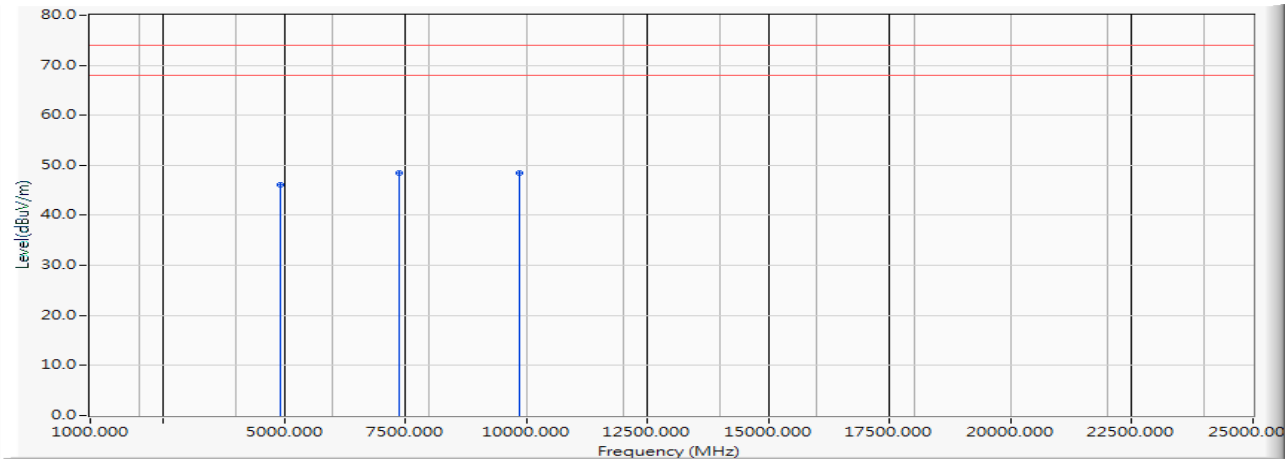
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4914.000	5.614	39.127	44.740	-29.260	74.000	PEAK
2	*	7371.000	11.447	38.156	49.603	-24.397	74.000	PEAK
3		9828.000	12.285	36.480	48.766	-25.234	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2462MHz)

Horizontal



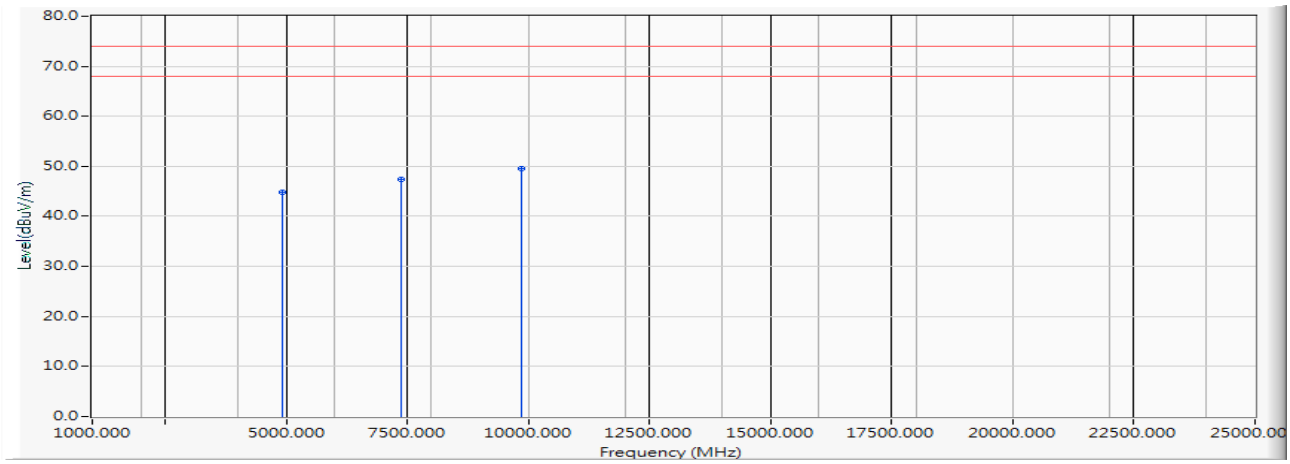
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	40.360	46.065	-27.935	74.000	PEAK
2		7386.000	11.345	37.076	48.422	-25.578	74.000	PEAK
3	*	9848.000	12.390	36.041	48.430	-25.570	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : Harmonic Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps) (2462MHz)

Vertical



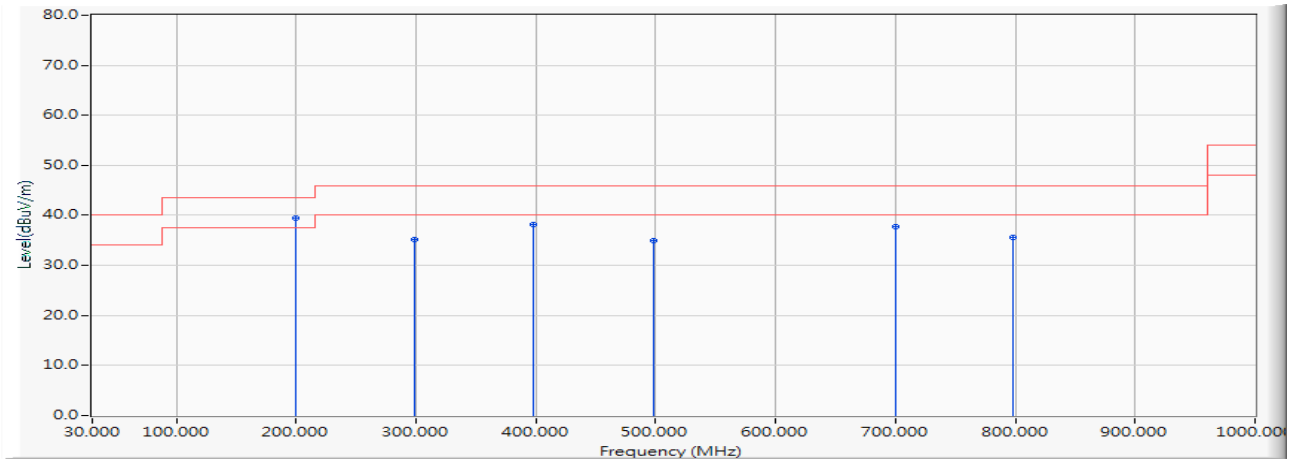
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	5.704	39.068	44.773	-29.227	74.000	PEAK
2		7386.000	11.345	36.150	47.496	-26.504	74.000	PEAK
3	*	9848.000	12.390	37.146	49.535	-24.465	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2442MHz)

Horizontal



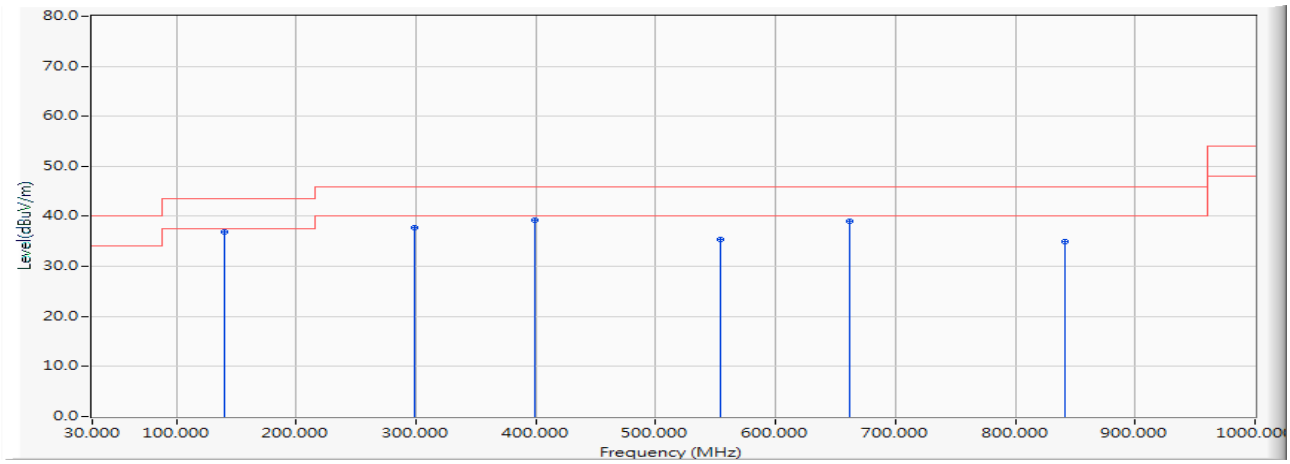
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	200.101	-18.131	57.645	39.514	-3.986	43.500	QUASIPEAK
2		298.507	-15.074	50.287	35.213	-10.787	46.000	QUASIPEAK
3		398.319	-13.589	51.671	38.082	-7.918	46.000	QUASIPEAK
4		498.130	-10.992	45.998	35.006	-10.994	46.000	QUASIPEAK
5		700.565	-9.112	46.899	37.787	-8.213	46.000	QUASIPEAK
6		797.565	-8.821	44.434	35.612	-10.388	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2442MHz)

Vertical



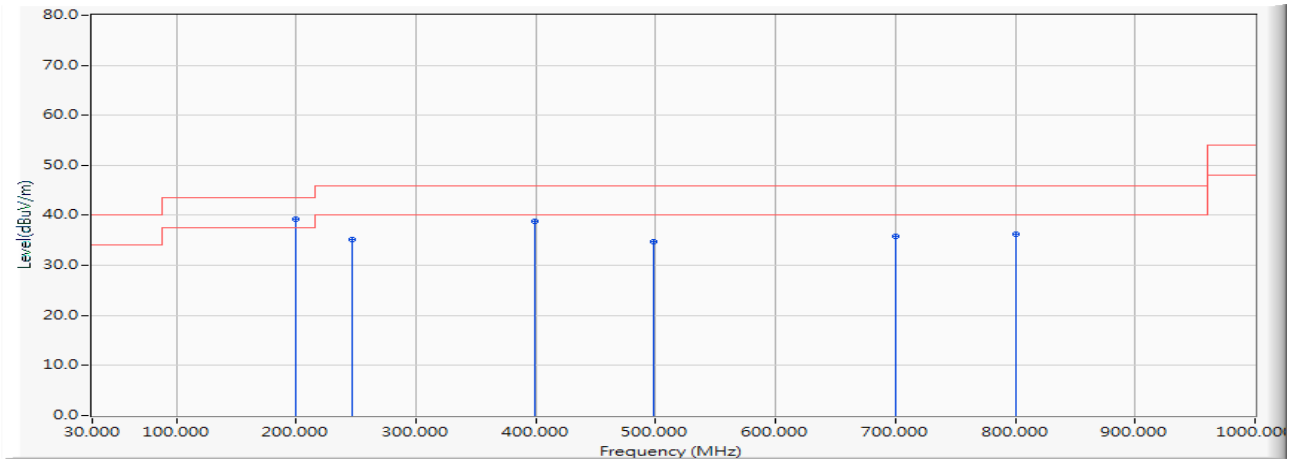
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	139.652	-17.556	54.365	36.809	-6.691	43.500	QUASIPEAK
2		298.507	-15.074	52.875	37.801	-8.199	46.000	QUASIPEAK
3		399.725	-13.696	53.001	39.305	-6.695	46.000	QUASIPEAK
4		554.362	-10.755	46.203	35.448	-10.552	46.000	QUASIPEAK
5		661.203	-9.972	49.025	39.053	-6.947	46.000	QUASIPEAK
6		841.145	-8.285	43.279	34.994	-11.006	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2442MHz)

Horizontal



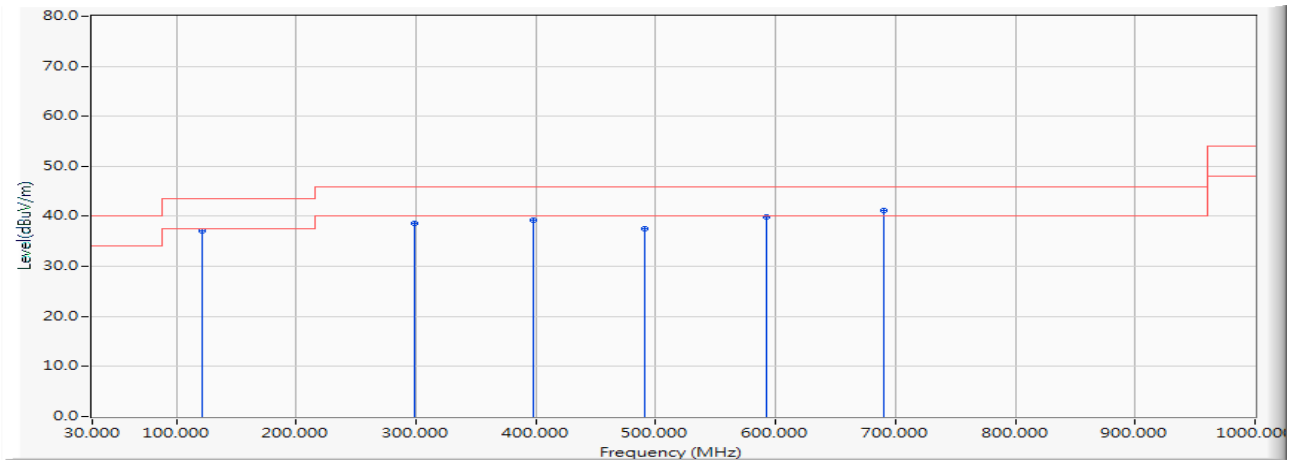
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	200.101	-18.131	57.369	39.238	-4.262	43.500	QUASIPEAK
2		246.493	-18.152	53.336	35.184	-10.816	46.000	QUASIPEAK
3		399.725	-13.696	52.557	38.861	-7.139	46.000	QUASIPEAK
4		498.130	-10.992	45.784	34.792	-11.208	46.000	QUASIPEAK
5		700.565	-9.112	44.984	35.872	-10.128	46.000	QUASIPEAK
6		800.377	-8.870	45.146	36.276	-9.724	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/09/24
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2442MHz)

Vertical



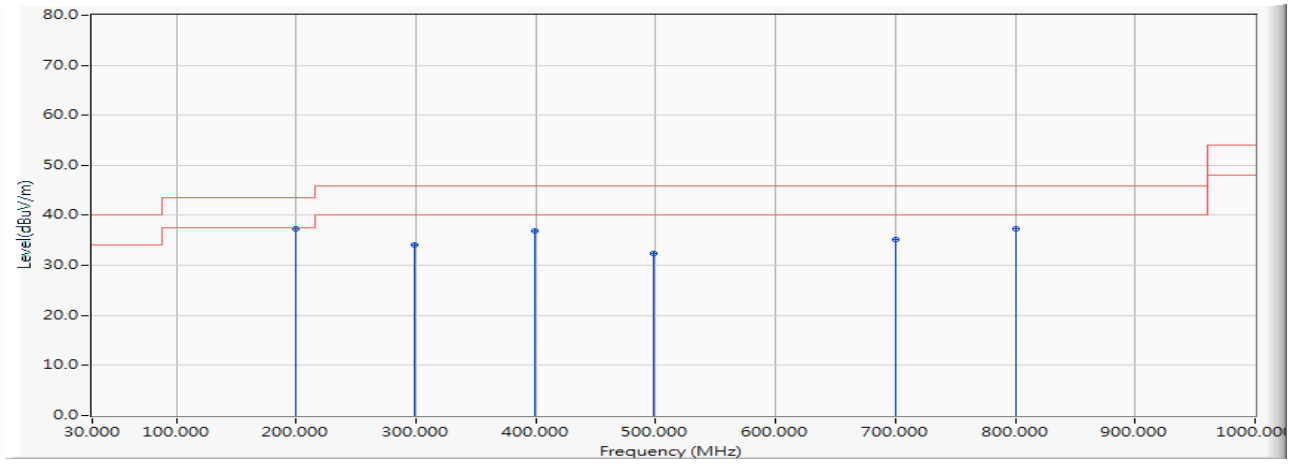
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		121.377	-16.795	54.002	37.206	-6.294	43.500	QUASIPEAK
2		298.507	-15.074	53.689	38.615	-7.385	46.000	QUASIPEAK
3		398.319	-13.589	52.784	39.195	-6.805	46.000	QUASIPEAK
4		491.101	-11.455	48.963	37.508	-8.492	46.000	QUASIPEAK
5		592.319	-6.903	46.795	39.892	-6.108	46.000	QUASIPEAK
6	*	690.725	-9.180	50.328	41.147	-4.853	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2442MHz)

Horizontal



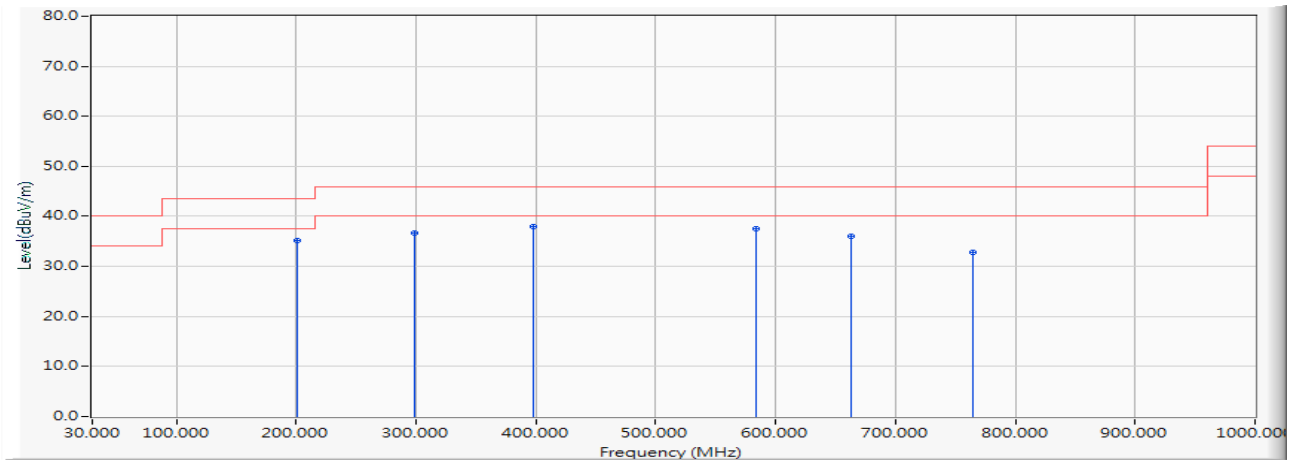
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	200.101	-18.131	55.471	37.340	-6.160	43.500	QUASIPEAK
2		298.507	-15.074	49.187	34.113	-11.887	46.000	QUASIPEAK
3		399.725	-13.696	50.493	36.797	-9.203	46.000	QUASIPEAK
4		498.130	-10.992	43.297	32.305	-13.695	46.000	QUASIPEAK
5		700.565	-9.112	44.187	35.075	-10.925	46.000	QUASIPEAK
6		800.377	-8.870	46.091	37.221	-8.779	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW_7.2Mbps) (2442MHz)

Vertical



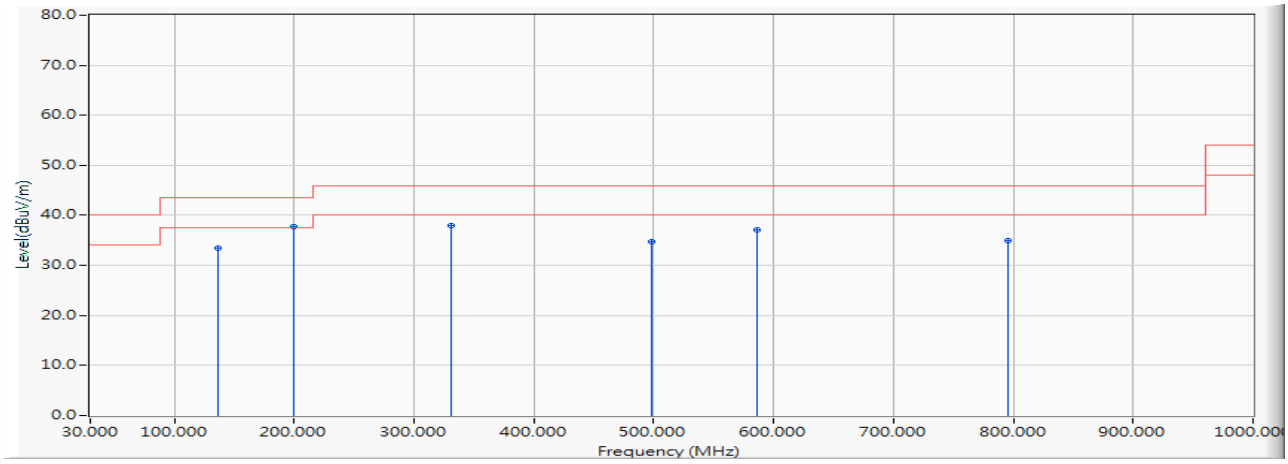
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		201.507	-18.131	53.198	35.067	-8.433	43.500	QUASIPEAK
2		298.507	-15.074	51.674	36.600	-9.400	46.000	QUASIPEAK
3	*	398.319	-13.589	51.449	37.860	-8.140	46.000	QUASIPEAK
4		583.884	-7.293	44.769	37.476	-8.524	46.000	QUASIPEAK
5		662.609	-9.918	45.870	35.951	-10.049	46.000	QUASIPEAK
6		765.232	-7.903	40.649	32.746	-13.254	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Flat Panel Detector
Test Item	:	General Radiated Emission Data
Test Date	:	2019/10/03
Test Mode	:	Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2442MHz)

Horizontal



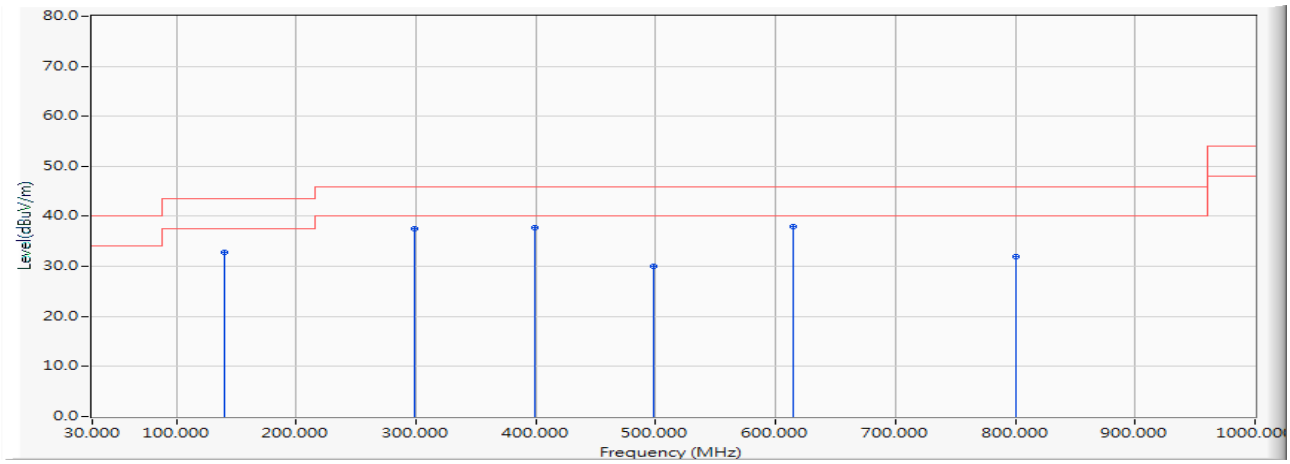
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		136.841	-17.121	50.498	33.378	-10.122	43.500	QUASIPEAK
2	*	200.101	-18.131	55.791	37.660	-5.840	43.500	QUASIPEAK
3		330.841	-14.031	51.934	37.902	-8.098	46.000	QUASIPEAK
4		498.130	-10.992	45.746	34.754	-11.246	46.000	QUASIPEAK
5		586.696	-7.165	44.287	37.122	-8.878	46.000	QUASIPEAK
6		796.159	-8.795	43.714	34.919	-11.081	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW_15Mbps) (2442MHz)

Vertical



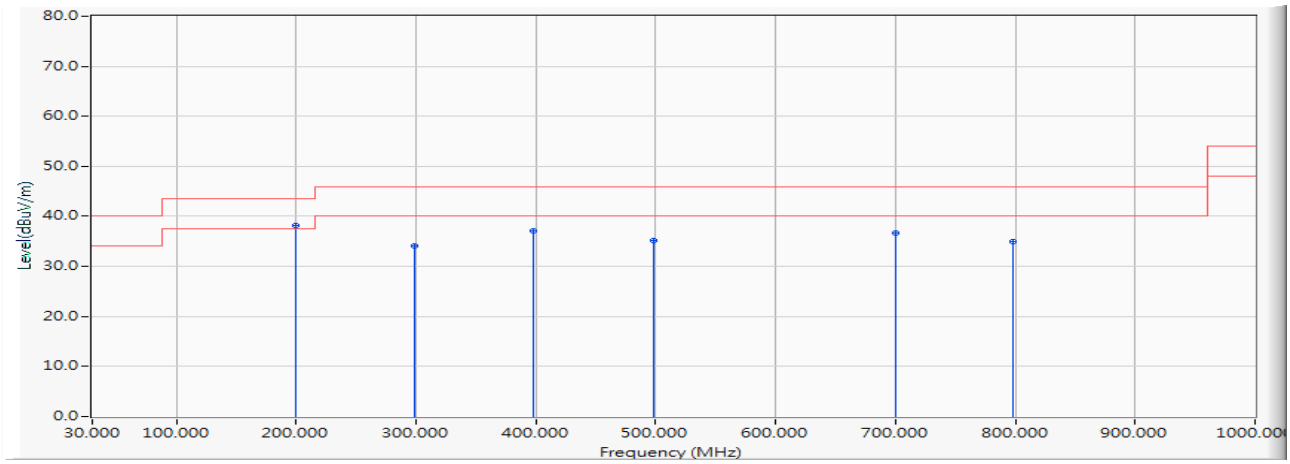
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		139.652	-17.556	50.419	32.863	-10.637	43.500	QUASIPEAK
2		298.507	-15.074	52.649	37.575	-8.425	46.000	QUASIPEAK
3		399.725	-13.696	51.493	37.797	-8.203	46.000	QUASIPEAK
4		498.130	-10.992	41.115	30.123	-15.877	46.000	QUASIPEAK
5	*	614.812	-7.641	45.537	37.896	-8.104	46.000	QUASIPEAK
6		800.377	-8.870	40.752	31.882	-14.118	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2442MHz)

Horizontal



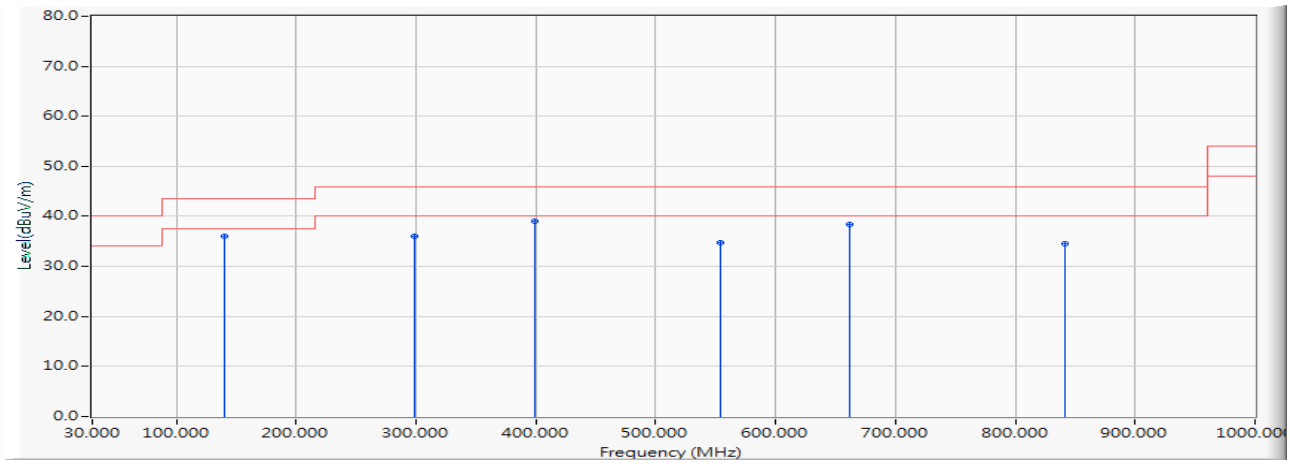
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	200.101	-18.131	56.358	38.227	-5.273	43.500	QUASIPEAK
2		298.507	-15.074	49.187	34.113	-11.887	46.000	QUASIPEAK
3		398.319	-13.589	50.746	37.157	-8.843	46.000	QUASIPEAK
4		498.130	-10.992	46.189	35.197	-10.803	46.000	QUASIPEAK
5		700.565	-9.112	45.749	36.637	-9.363	46.000	QUASIPEAK
6		797.565	-8.821	43.762	34.940	-11.060	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Flat Panel Detector
Test Item : General Radiated Emission Data
Test Date : 2019/10/03
Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2442MHz)

Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		139.652	-17.556	53.491	35.935	-7.565	43.500	QUASIPEAK
2		298.507	-15.074	51.036	35.962	-10.038	46.000	QUASIPEAK
3	*	399.725	-13.696	52.746	39.050	-6.950	46.000	QUASIPEAK
4		554.362	-10.755	45.496	34.741	-11.259	46.000	QUASIPEAK
5		661.203	-9.972	48.327	38.355	-7.645	46.000	QUASIPEAK
6		841.145	-8.285	42.814	34.529	-11.471	46.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.