FCC Radio Test Report

FCC ID: Y34-UITBSM

FCC Class II Permissive Change

Report No.	:	TB-FCC146767
Applicant	:	Outform Ltd
Equipment Under Test (EUT)		
EUT Name	:	32"IDISPLAY
Model No.	:	UIT232B-B06
Series Model No.	:	Please see the page of 4
Brand Name	:	N/A
Receipt Date	:	2015-10-22
Test Date	:	2015-10-22 to 2015-10-28
Issue Date	:	2015-10-29
Standards	:	FCC Part 15, Subpart C (15.247:2015)
Test Method	:	ANSI C63.10:2013
Conclusions	:	**PASS**

In the configuration tested, the EUT complied with the standards specified above,
The EUT technically complies with the FCC and IC requirements

Test/Witness Engineer	:	IVAN SU
Approved& Authorized	:	Roy Hu

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

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Contents

1. General Information about EUT

1.1 Client Information

Applicant	:	Outform Ltd
Address	:	R405, East, Buliding 203, Tai Ran Industrial Zone, Chengongmiao, Futian, Shenzhen, China
Manufacturer	:	Outform Ltd
Address	:	R405, East, Buliding 203, Tai Ran Industrial Zone, Chengongmiao, Futian, Shenzhen, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	32"IDISPLAY	
Models No.	:	UIT232B-B06, UIT232X-XYY, UIT213X-XYY, UIT310X-XYY, UIT306X-XYY, UIT332X-XYY, UIT432X-XYY (The 1st X is "A" or "B" represents the software version; The 2nd X is A-Z represents the color; YY is client number from "01" to "50".)	
Model Difference	:	They are identical in circuitry design, PCB layout, electrical components used, internal wiring and functions, only different on color.	
Product Description	:	Operation Frequency: WIFI 802.11b/g/n(H20): 2412MHz~2462MHz 802.11n(H40): 2422MHz~2452MHz BLE: 2402MHz~2480MHz **see note(2)**	
		Number of Channel:	802.11b/g/n(HT20):11 channels **see note(3)** 802.11n(HT40): 9 channels **see note(3)**
		RF Output Power:	802.11b: 19.64dBm 802.11g: 18.02dBm 802.11n (HT20): 16.95dBm 802.11n (HT40): 14.23dBm
		Antenna Gain:	2.12 dBi Embedded Antenna
		Modulation Type:	802.11b:DSSS(CCK, DQPSK, DBPSK) 802.11g/n:OFDM(BPSK,QPSK,16QAM,64QAM)
		Bit Rate of Transmitter:	802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6 Mbps 802.11n:up to 150Mbps
Power Supply	:	DC power supplied by Switching Adapter.	
Power Rating	:	Switching Adapter: Input:100~240V, 50/60Hz 1.5A Max Output:12V, 5000mA	
Connecting I/O Port(S)	:	Please refer to the User's Manual	

Note:

(1) This Test Report is FCC Part 15.247 for 802.11b/g/n, the test procedure follows the FCC KDB 558074 D01 DTS Meas Guidance v03r03.

(2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. The EUT has also been tested and complied the FCC 15C for BLE function, and recorded in the separate test report.

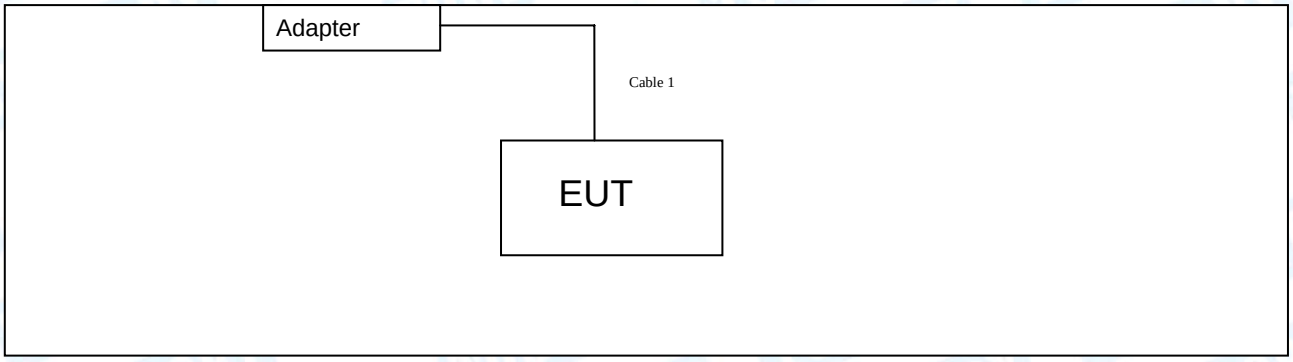
(3) Antenna information provided by the applicant.

(4) Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	08	2447		
Note:CH 01~CH 11 for 802.11b/g/n(HT20) **CH 03~CH 09 for 802.11n(HT40)**					

1.3 Block Diagram Showing the Configuration of System Tested

TX Mode



1.4 Description of Support Units

The EUT has been tested as an independent unit.

1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

For Conducted Test	
Final Test Mode	**Description**
Mode 1	AC Charging with TX B Mode

For Radiated Test	
Final Test Mode	**Description**
Mode 3	TX Mode B Mode Channel 01/06/11
Mode 4	TX Mode G Mode Channel 01/06/11
Mode 5	TX Mode N(HT20) Mode Channel 01/06/11

Note:

(1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

According to ANSI C63.10 standards, the measurements are performed at the highest, Midle, lowest available channels, and the worst case data rate as follows:

802.11b Mode: CCK (1 Mbps)

802.11g Mode: OFDM (6 Mbps)

802.11n (HT20) Mode: MCS 0 (6.5 Mbps)

802.11n (HT40) Mode: MCS 0 (13 Mbps)

(2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.

(3) The EUT is considered a mobile unit; in normal use it was positioned on X-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

1.6 Description of Test Software Setting

During testing channel& Power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of WLAN.

Test Software Version	Realtek MP Test		
Channel	**CH 01**	**CH 06**	**CH 11**
IEEE 802.11b DSSS	50	50	50
IEEE 802.11g OFDM	48	48	48
IEEE 802.11n (HT20)	46	46	46
Channel	**CH 03**	**CH 06**	**CH 09**
IEEE 802.11n (HT40)	46	46	46

1.7 Measurement Uncertainty

The reported uncertainty of measurement y ± U，where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2，providing a level of confidence of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U_{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	 ±3.42 dB ±3.42 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.40 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB

1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

FCC List No.: (811562)

The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number is 811562.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.

2. Test Summary

FCC Part 15 Subpart C(15.247)/ RSS 247 Issue 1				
Standard Section		Test Item	Judgment	Remark
FCC	IC			
15.203	/	Antenna Requirement	PASS	N/A
15.207	RSS-GEN 7.2.4	Conducted Emission	PASS	N/A
15.205	RSS-GEN 7.2.2	Restricted Bands	PASS	N/A
15.247(a)(2)	RSS 247 5.2 (1)	6dB Bandwidth	PASS	N/A Note(3)
15.247(b)	RSS 247 5.4 (4)	Peak Output Power	PASS	N/A Note(3)
15.247(e)	RSS 247 5.2 (2)	Power Spectral Density	PASS	N/A Note(3)
15.247(d)	RSS 247 5.5	Transmitter Radiated Spurious Emission	PASS	N/A

Note: (1): "/" for no requirement for this test item.
(2): N/A is an abbreviation for Not Applicable.
(3): This report is Class II change report for the original equipment have changed, the transmitter module itself has not changed. More information about the test data please refer to the original test report.

3. Test Equipment

Conducted Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Aug. 07, 2015	Aug. 06, 2016
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Aug. 07, 2015	Aug. 06, 2016
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Aug. 07, 2015	Aug. 06, 2016
LISN	Rohde & Schwarz	ENV216	101131	Aug. 07, 2015	Aug. 06, 2016
Radiation Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
Spectrum Analyzer	Agilent	E4407B	MY45106456	Aug. 29, 2015	Aug. 28, 2016
EMI Test Receiver	Rohde & Schwarz	ESCI	100010/007	Aug. 07, 2015	Aug. 06, 2016
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar. 28, 2015	Mar. 27, 2016
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar. 28, 2015	Mar. 27, 2016
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar. 28, 2015	Mar. 27, 2016
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar. 28, 2015	Mar. 27, 2016
Pre-amplifier	Sonoma	310N	185903	Mar. 28, 2015	Mar. 27, 2016
Pre-amplifier	HP	8447B	3008A00849	Mar. 28, 2015	Mar. 27, 2016
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar. 28, 2015	Mar. 27, 2016
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A

4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1Test Standard

FCC Part 15.207

4.1.2 Test Limit

Conducted Emission Test Limit

Frequency	Maximum RF Line Voltage (dBμV)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

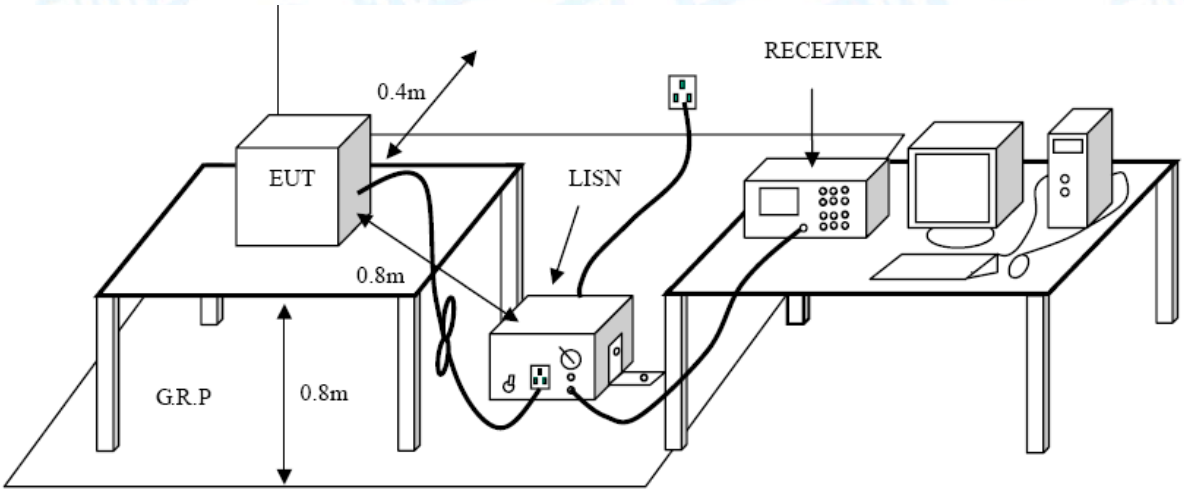
Notes:

(1) *Decreasing linearly with logarithm of the frequency.

(2) The lower limit shall apply at the transition frequencies.

(3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2 Test Setup



4.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

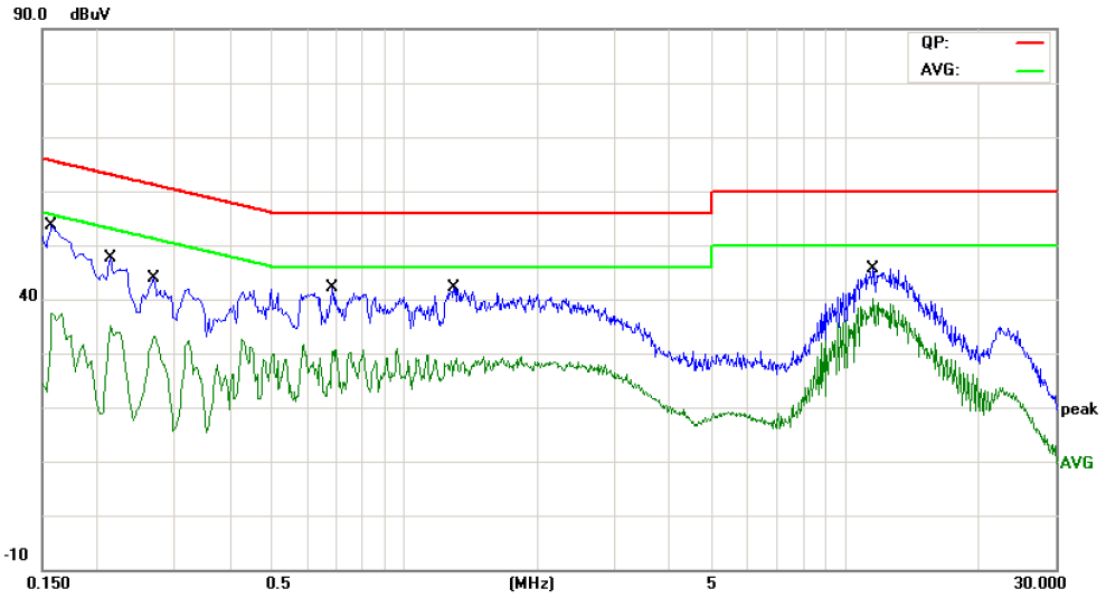
4.4 EUT Operating Mode

Please refer to the description of test mode.

4.5 Test Data

Please see the next page

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Terminal:	Line		
Test Mode:	AC Charging with TX B Mode		
Remark:	Only worse case is reported		

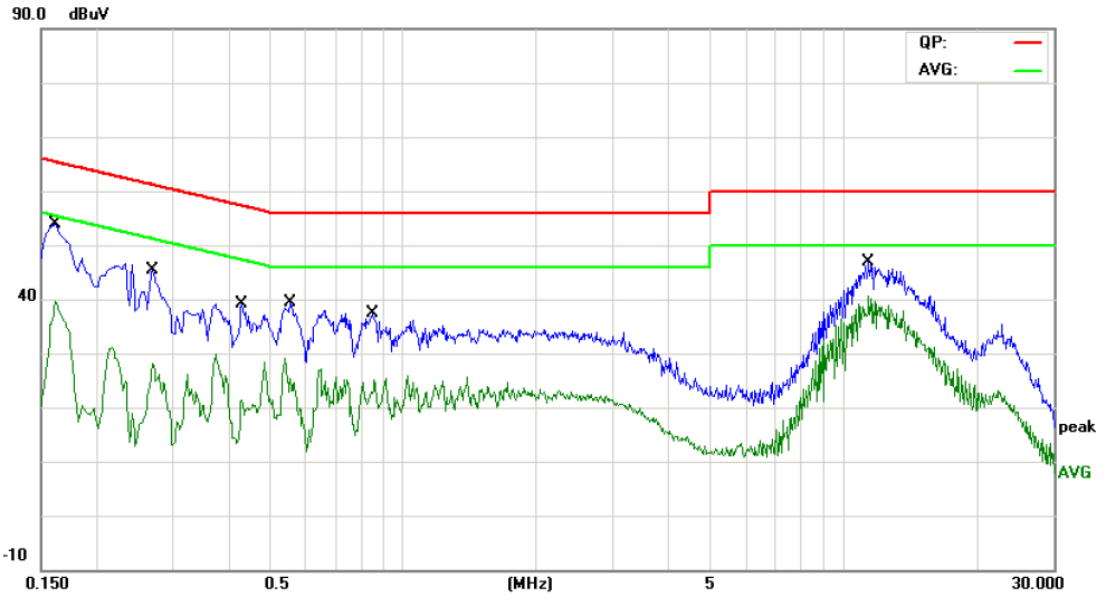


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1580	40.33	9.94	50.27	65.56	-15.29	QP
2		0.1580	24.96	9.94	34.90	55.56	-20.66	AVG
3		0.2140	33.22	10.02	43.24	63.04	-19.80	QP
4		0.2140	23.16	10.02	33.18	53.04	-19.86	AVG
5		0.2700	31.01	10.02	41.03	61.12	-20.09	QP
6		0.2700	22.88	10.02	32.90	51.12	-18.22	AVG
7		0.6860	26.18	10.11	36.29	56.00	-19.71	QP
8		0.6860	16.02	10.11	26.13	46.00	-19.87	AVG
9		1.2940	26.09	10.06	36.15	56.00	-19.85	QP
10		1.2940	18.48	10.06	28.54	46.00	-17.46	AVG
11		11.5219	33.08	10.19	43.27	60.00	-16.73	QP
12	*	11.5219	29.07	10.19	39.26	50.00	-10.74	AVG

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Terminal:	Neutral		
Test Mode:	AC Charging with TX B Mode		
Remark:	Only worse case is reported		

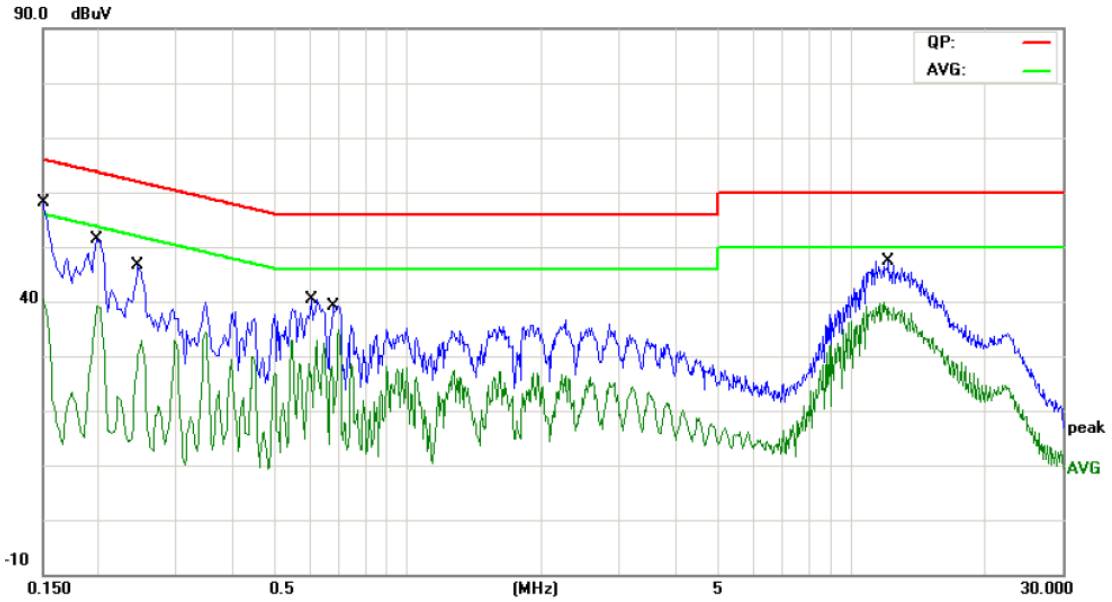


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1620	41.43	10.12	51.55	65.36	-13.81	QP
2		0.1620	28.05	10.12	38.17	55.36	-17.19	AVG
3		0.2700	31.61	10.10	41.71	61.12	-19.41	QP
4		0.2700	16.35	10.10	26.45	51.12	-24.67	AVG
5		0.4300	25.73	10.04	35.77	57.25	-21.48	QP
6		0.4300	11.94	10.04	21.98	47.25	-25.27	AVG
7		0.5540	25.79	10.02	35.81	56.00	-20.19	QP
8		0.5540	13.85	10.02	23.87	46.00	-22.13	AVG
9		0.8500	23.80	10.09	33.89	56.00	-22.11	QP
10		0.8500	12.78	10.09	22.87	46.00	-23.13	AVG
11		11.3940	34.05	10.13	44.18	60.00	-15.82	QP
12	*	11.3940	29.37	10.13	39.50	50.00	-10.50	AVG

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 240V/60 Hz		
Terminal:	Line		
Test Mode:	AC Charging with TX B Mode		
Remark:	Only worse case is reported		

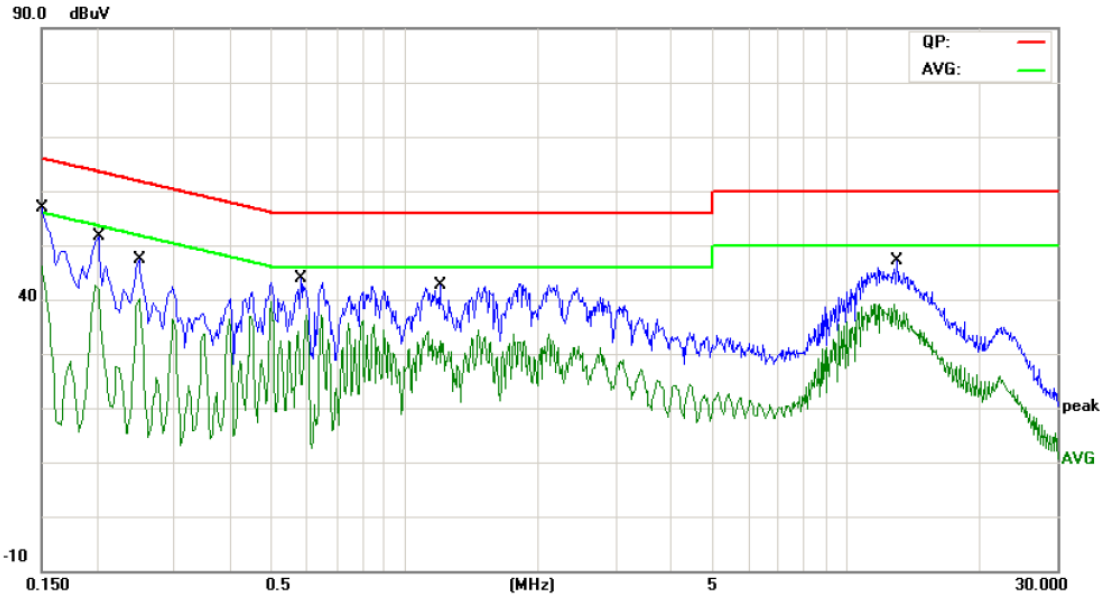


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	*	0.1500	46.88	10.12	57.00	65.99	-8.99	QP
2		0.1500	29.94	10.12	40.06	55.99	-15.93	AVG
3		0.1980	39.87	10.12	49.99	63.69	-13.70	QP
4		0.1980	27.59	10.12	37.71	53.69	-15.98	AVG
5		0.2460	32.97	10.10	43.07	61.89	-18.82	QP
6		0.2460	20.61	10.10	30.71	51.89	-21.18	AVG
7		0.6060	22.54	10.02	32.56	56.00	-23.44	QP
8		0.6060	10.63	10.02	20.65	46.00	-25.35	AVG
9		0.6780	23.53	10.02	33.55	56.00	-22.45	QP
10		0.6780	13.10	10.02	23.12	46.00	-22.88	AVG
11		12.1860	33.71	10.12	43.83	60.00	-16.17	QP
12		12.1860	28.60	10.12	38.72	50.00	-11.28	AVG

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 240V/60 Hz		
Terminal:	Neutral		
Test Mode:	AC Charging with TX B Mode		
Remark:	Only worse case is reported		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	*	0.1500	45.67	9.92	55.59	65.99	-10.40	QP
2		0.1500	35.50	9.92	45.42	55.99	-10.57	AVG
3		0.2020	38.36	10.02	48.38	63.52	-15.14	QP
4		0.2020	30.92	10.02	40.94	53.52	-12.58	AVG
5		0.2500	34.23	10.02	44.25	61.75	-17.50	QP
6		0.2500	29.81	10.02	39.83	51.75	-11.92	AVG
7		0.5820	28.28	10.06	38.34	56.00	-17.66	QP
8		0.5820	13.57	10.06	23.63	46.00	-22.37	AVG
9		1.1980	28.45	10.06	38.51	56.00	-17.49	QP
10		1.1980	21.51	10.06	31.57	46.00	-14.43	AVG
11		13.0100	32.24	10.22	42.46	60.00	-17.54	QP
12		13.0100	26.97	10.22	37.19	50.00	-12.81	AVG

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

5. Radiated Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard

FCC Part 15.209

5.1.2 Test Limit

Radiated Emission Limits (9kHz~1000MHz)

Frequency (MHz	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Radiated Emission Limit (Above 1000MHz)

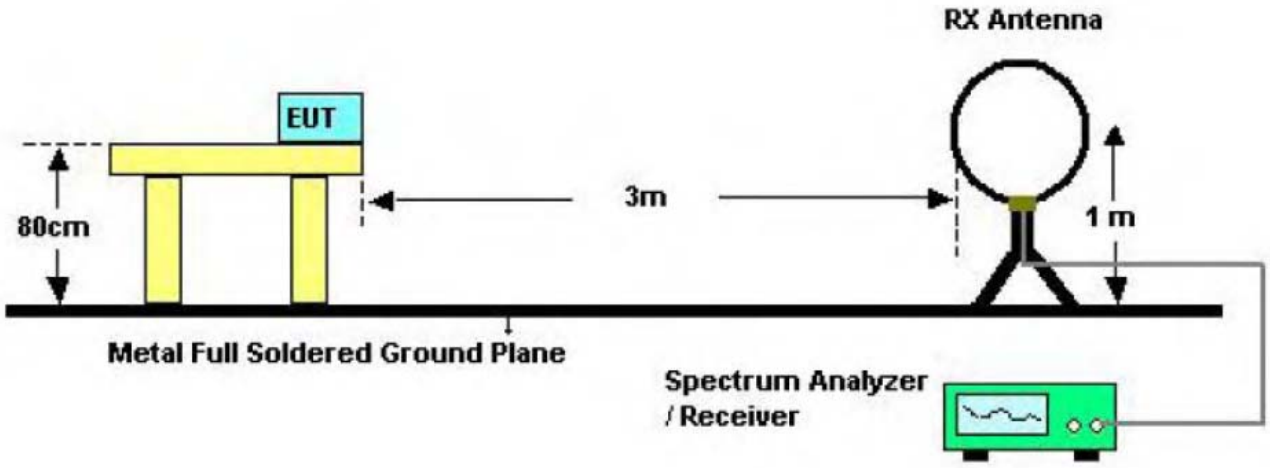
Frequency (MHz)	Class A (dBuV/m)(at 3 M)		Class B (dBuV/m)(at 3 M)	
	Peak	Average	Peak	Average
Above 1000	80	60	74	54

Note:

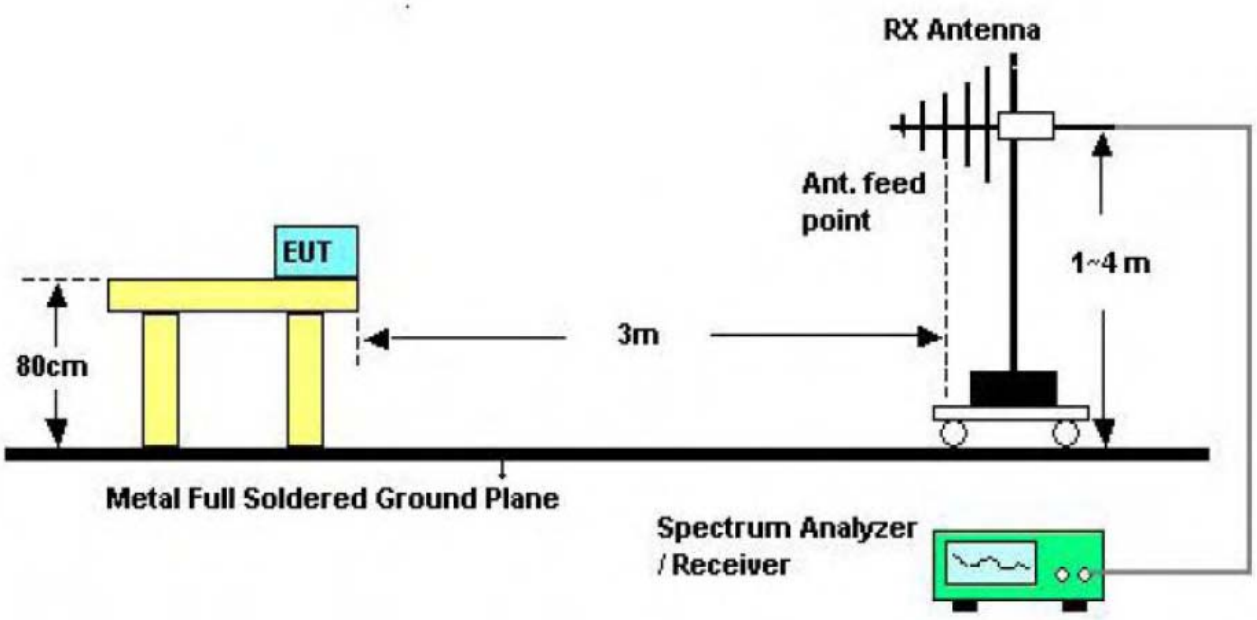
(1) The tighter limit applies at the band edges.

(2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

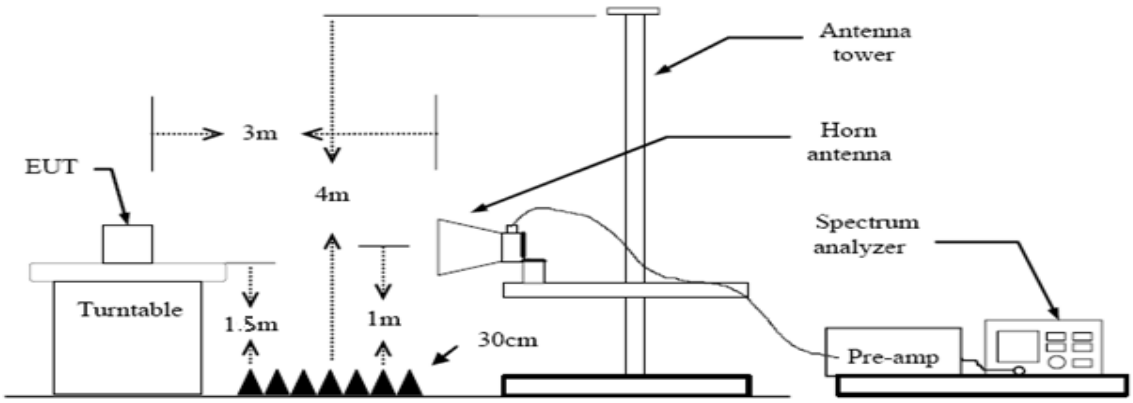
5.2 Test Setup



Below 30MHz Test Setup



Below 1000MHz Test Setup



Above 1GHz Test Setup

5.3 Test Procedure

(1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz. The EUT was placed on a rotating 0.8m high above the ground, the table was rotated 360 degrees to determine the position of the highest radiation.

(2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.

(3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.

(4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

(5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.

(6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.

(7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

(8) For the actual test configuration, please see the test setup photo.

5.4 EUT Operating Condition

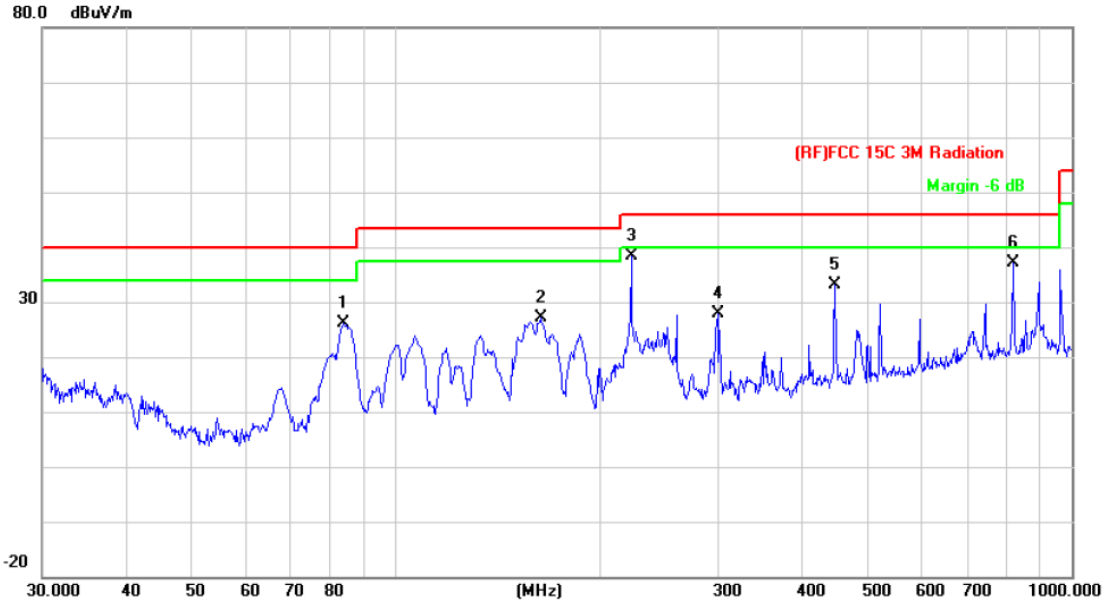
The Equipment Under Test was set to Continual Transmitting in maximum power.

5.5 Test Data

Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

Test data please refer the following pages.

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2412MHz		
Remark:	Only worse case is reported		

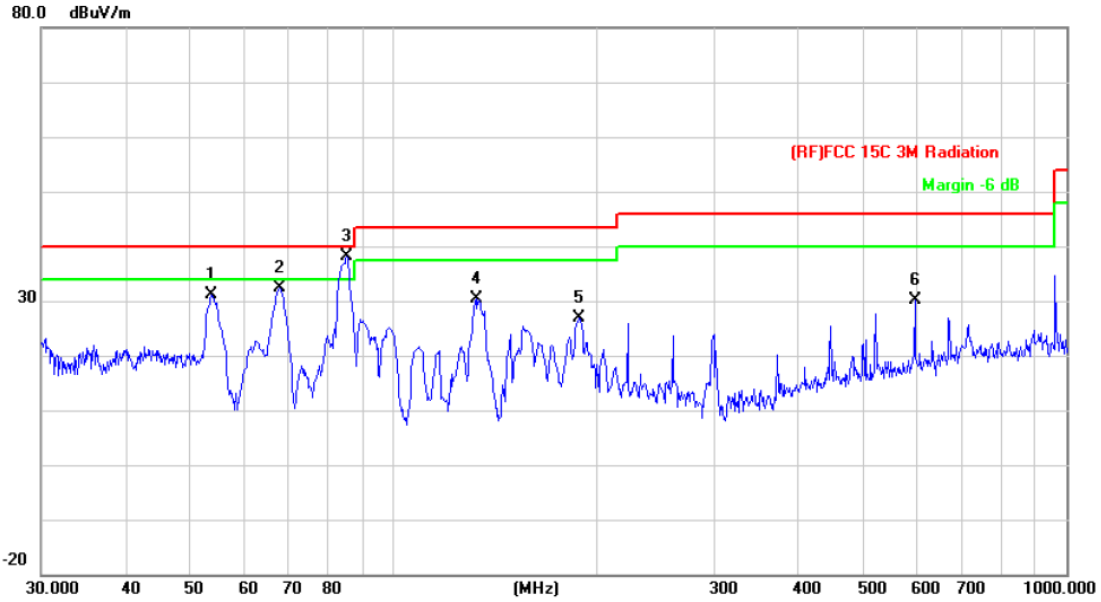


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		83.8156	49.08	-23.06	26.02	40.00	-13.98	peak
2		163.7550	47.80	-20.76	27.04	43.50	-16.46	peak
3	*	222.9502	57.77	-19.40	38.37	46.00	-7.63	peak
4		299.3158	44.96	-17.10	27.86	46.00	-18.14	peak
5		446.4141	45.73	-12.53	33.20	46.00	-12.80	peak
6		818.8341	43.50	-6.34	37.16	46.00	-8.84	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2412MHz		
Remark:	Only worse case is reported		

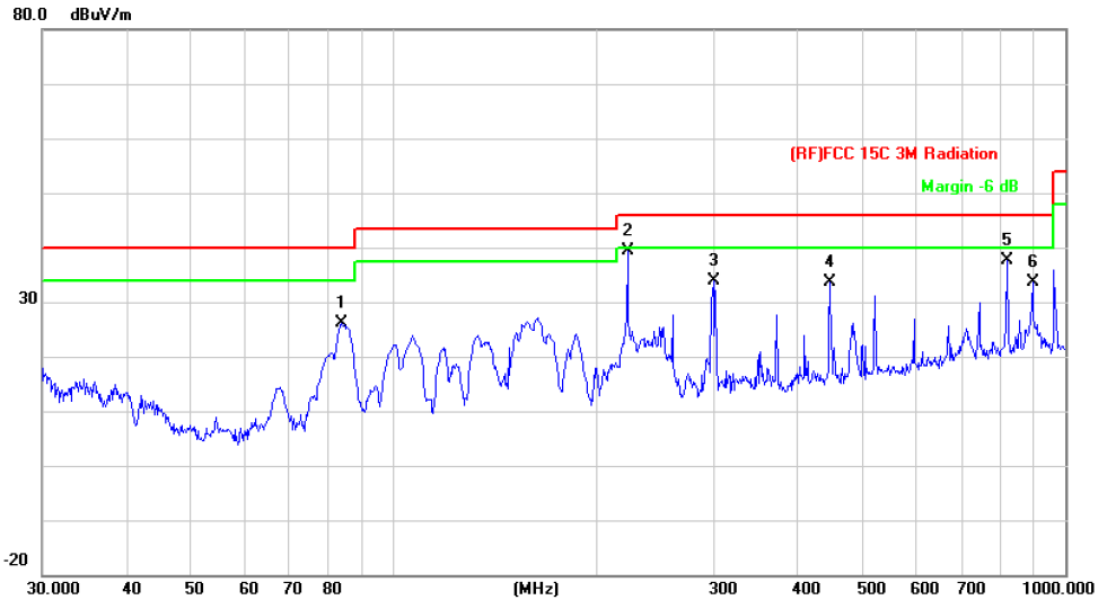


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		53.6932	55.57	-24.44	31.13	40.00	-8.87	peak
2		67.9129	56.21	-23.80	32.41	40.00	-7.59	peak
3	*	85.2980	61.21	-22.97	38.24	40.00	-1.76	peak
4		132.6850	52.45	-22.13	30.32	43.50	-13.18	peak
5		189.0743	47.87	-20.88	26.99	43.50	-16.51	peak
6		595.1329	39.69	-9.59	30.10	46.00	-15.90	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2437MHz		
Remark:	Only worse case is reported		

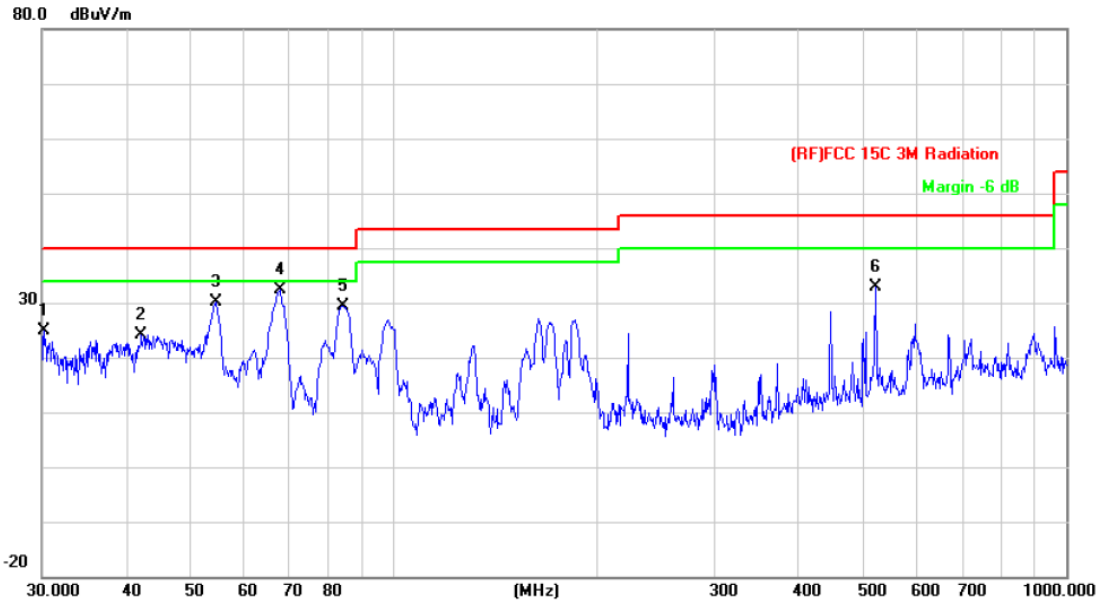


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		83.8156	49.14	-23.06	26.08	40.00	-13.92	peak
2	*	222.9502	58.70	-19.40	39.30	46.00	-6.70	peak
3		299.3158	51.10	-17.10	34.00	46.00	-12.00	peak
4		446.4141	46.22	-12.53	33.69	46.00	-12.31	peak
5		818.8341	44.05	-6.34	37.71	46.00	-8.29	peak
6		893.8567	39.03	-5.30	33.73	46.00	-12.27	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2437MHz		
Remark:	Only worse case is reported		

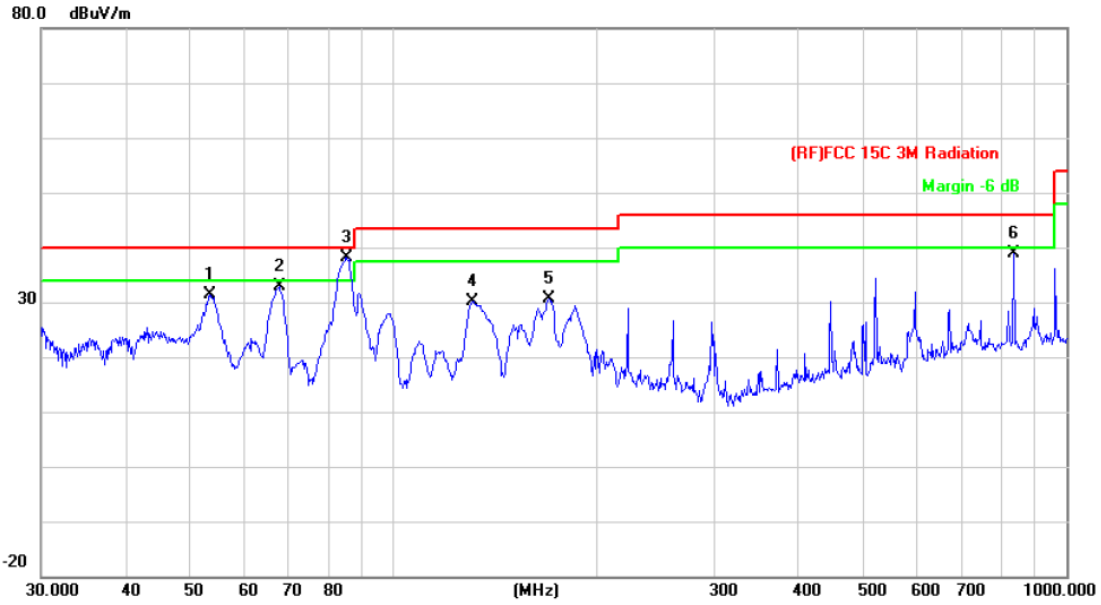


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		30.2110	38.89	-14.09	24.80	40.00	-15.20	peak
2		42.1542	45.29	-21.07	24.22	40.00	-15.78	peak
3		54.4515	54.51	-24.45	30.06	40.00	-9.94	peak
4	*	67.6751	56.27	-23.82	32.45	40.00	-7.55	peak
5		84.1099	52.43	-23.03	29.40	40.00	-10.60	peak
6		520.8881	43.23	-10.40	32.83	46.00	-13.17	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2462MHz		
Remark:	Only worse case is reported		

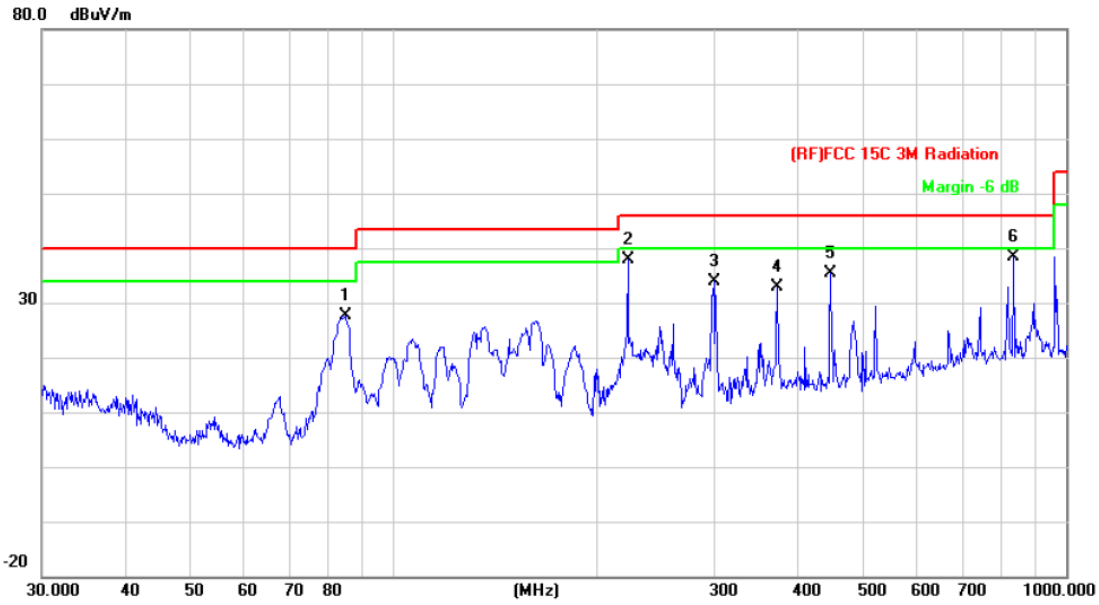


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		53.3179	55.76	-24.44	31.32	40.00	-8.68	peak
2		67.6751	56.59	-23.82	32.77	40.00	-7.23	peak
3	*	85.2980	61.16	-22.97	38.19	40.00	-1.81	peak
4		130.8369	52.38	-22.16	30.22	43.50	-13.28	peak
5		170.1948	51.70	-21.17	30.53	43.50	-12.97	peak
6		836.2443	45.30	-6.47	38.83	46.00	-7.17	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2462MHz		
Remark:	Only worse case is reported		

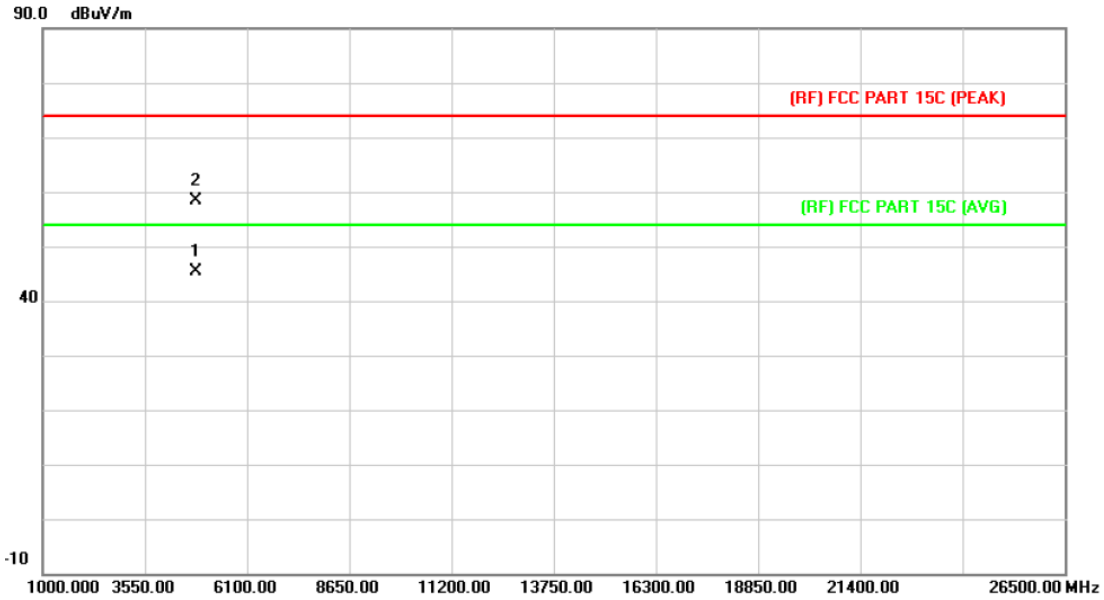


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		84.7019	50.66	-23.00	27.66	40.00	-12.34	peak
2		222.9502	57.25	-19.40	37.85	46.00	-8.15	peak
3		299.3158	50.88	-17.10	33.78	46.00	-12.22	peak
4		372.0045	47.44	-14.48	32.96	46.00	-13.04	peak
5		446.4141	47.98	-12.53	35.45	46.00	-10.55	peak
6	*	836.2443	44.75	-6.47	38.28	46.00	-7.72	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

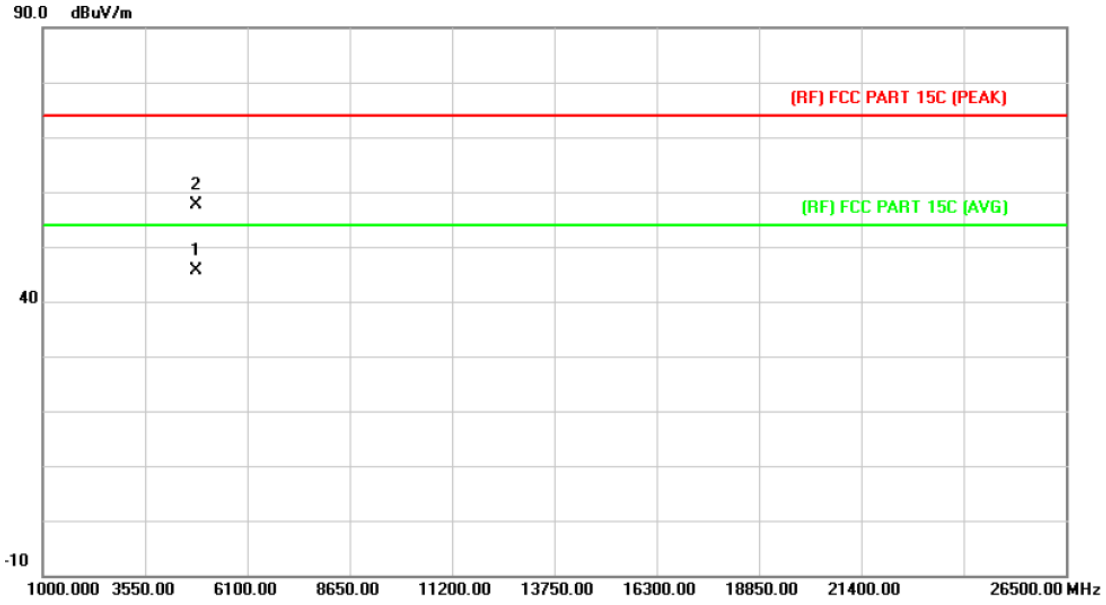
EUT:	32"IDISPLAY	**Model:**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2412MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4823.985	31.76	13.56	45.32	54.00	-8.68	AVG
2		4824.065	44.78	13.56	58.34	74.00	-15.66	peak

Emission Level= Read Level+ Correct Factor

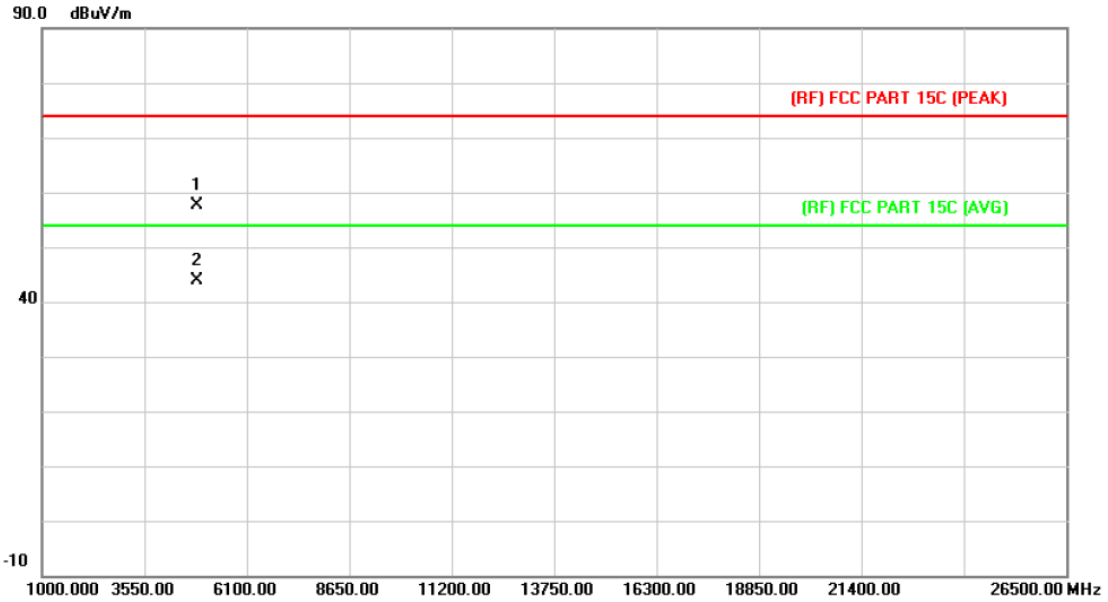
EUT:	32"IDISPLAY	**Model:**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2412MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4824.021	32.11	13.56	45.67	54.00	-8.33	AVG
2		4824.362	44.12	13.56	57.68	74.00	-16.32	peak

Emission Level= Read Level+ Correct Factor

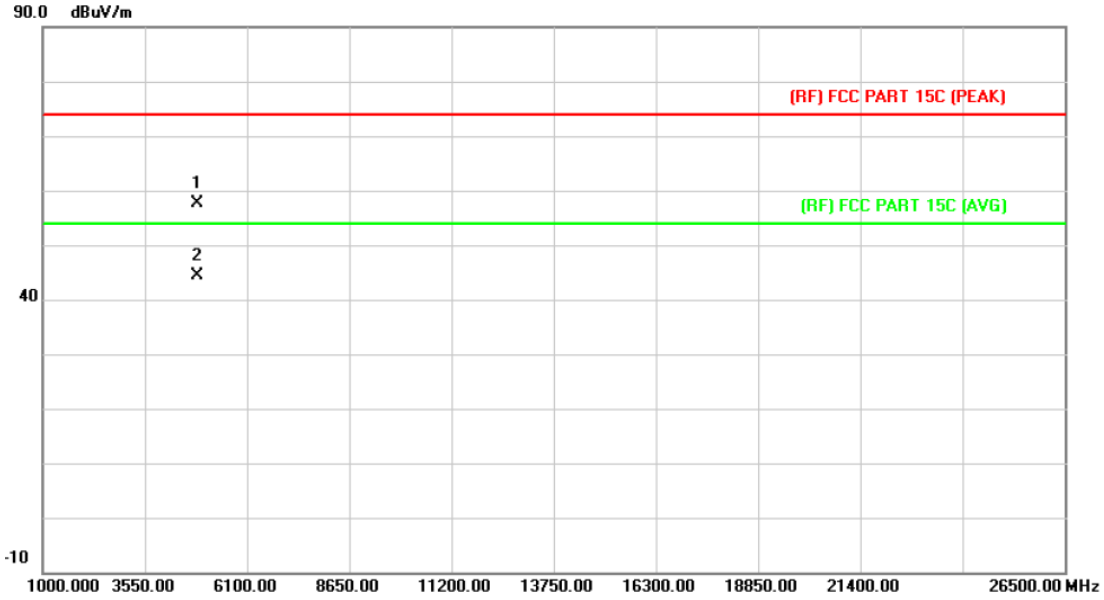
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2437MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.984	43.82	13.86	57.68	74.00	-16.32	peak
2	*	4874.312	30.12	13.86	43.98	54.00	-10.02	AVG

Emission Level= Read Level+ Correct Factor

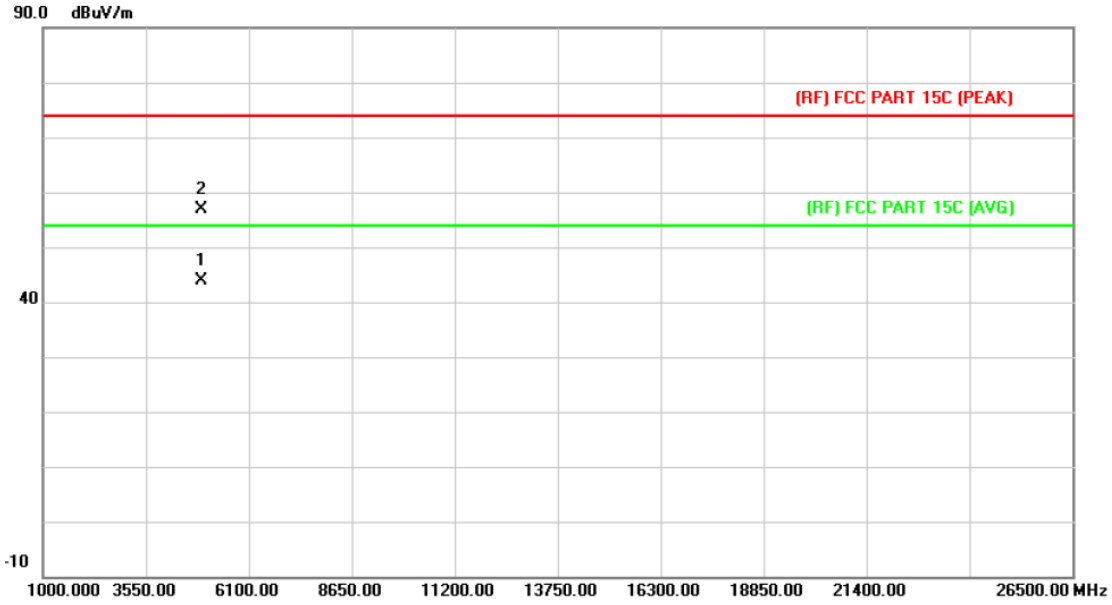
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2437MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.896	43.83	13.86	57.69	74.00	-16.31	peak
2	*	4874.261	30.46	13.86	44.32	54.00	-9.68	AVG

Emission Level= Read Level+ Correct Factor

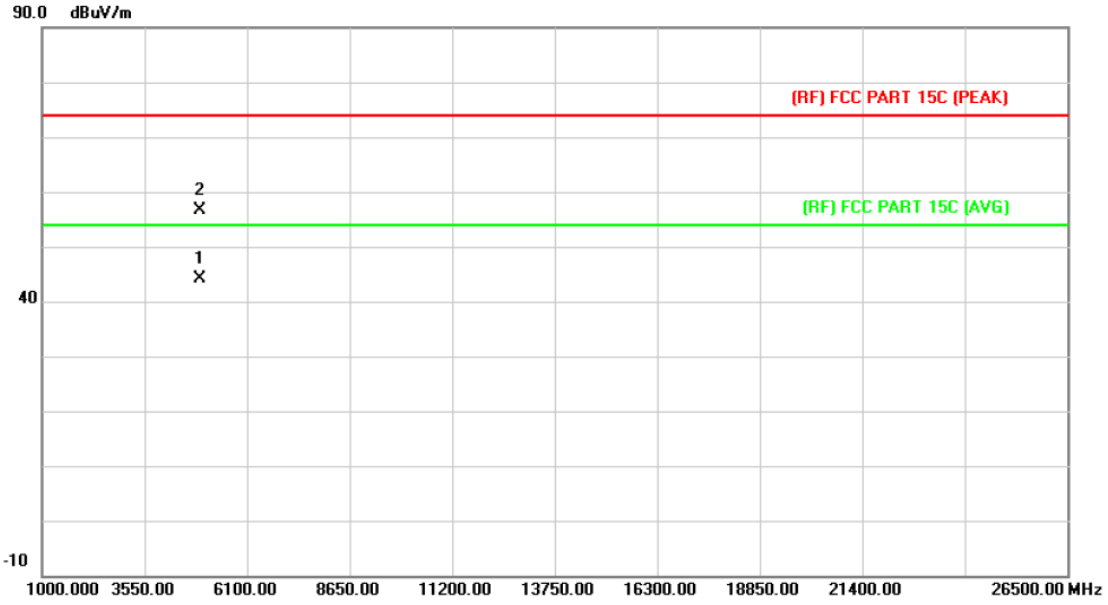
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2462MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.624	29.74	14.15	43.89	54.00	-10.11	AVG
2		4924.053	42.83	14.15	56.98	74.00	-17.02	peak

Emission Level= Read Level+ Correct Factor

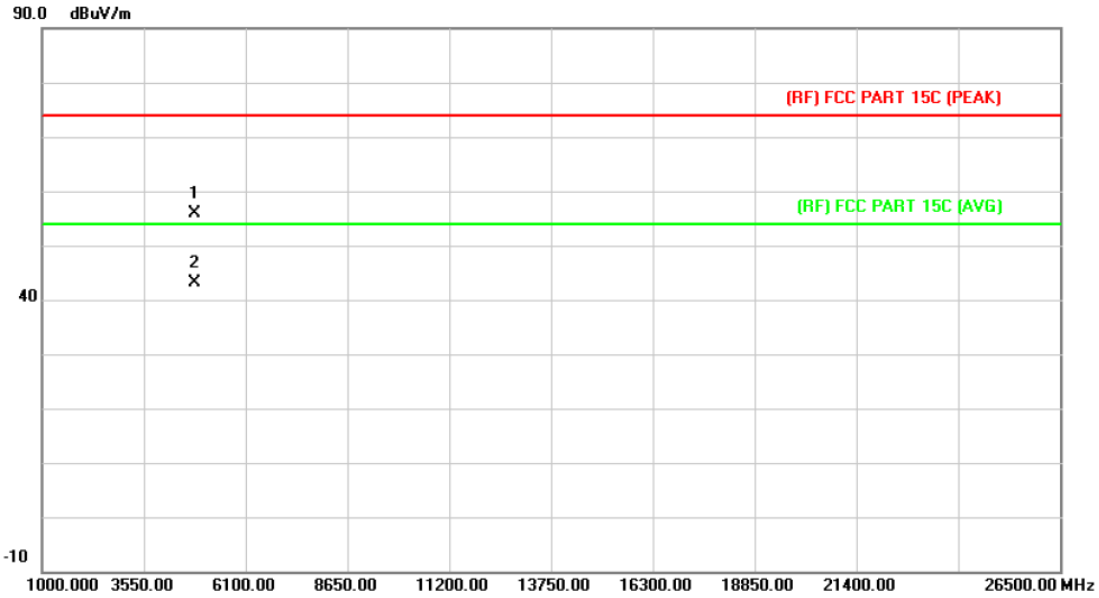
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2462MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.854	30.06	14.15	44.21	54.00	-9.79	AVG
2		4924.261	42.42	14.15	56.57	74.00	-17.43	peak

Emission Level= Read Level+ Correct Factor

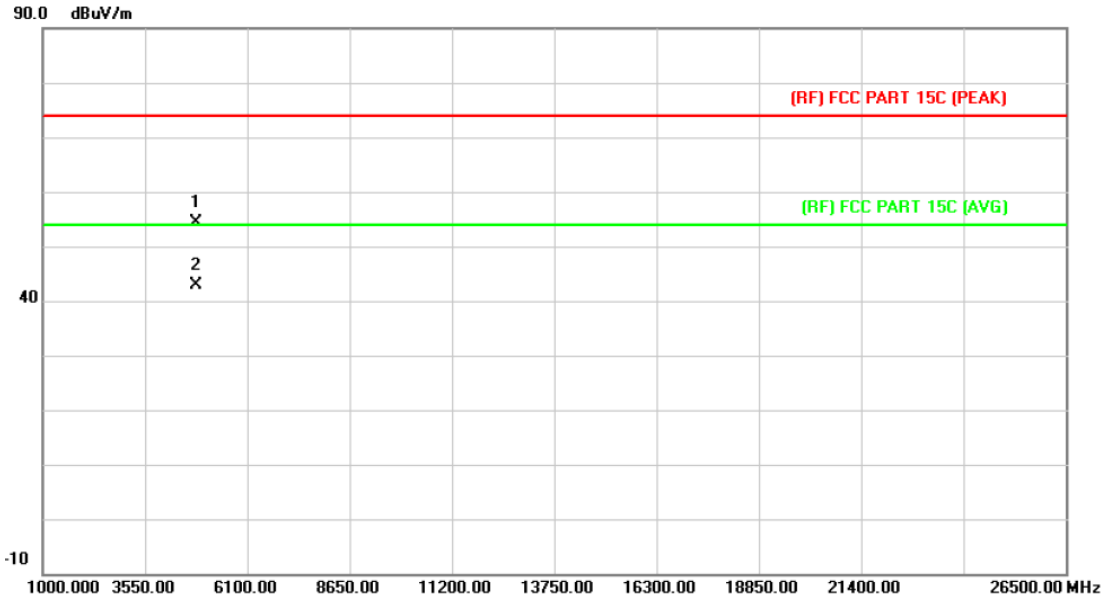
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2412MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.957	42.33	13.56	55.89	74.00	-18.11	peak
2	*	4824.015	29.69	13.56	43.25	54.00	-10.75	AVG

Emission Level= Read Level+ Correct Factor

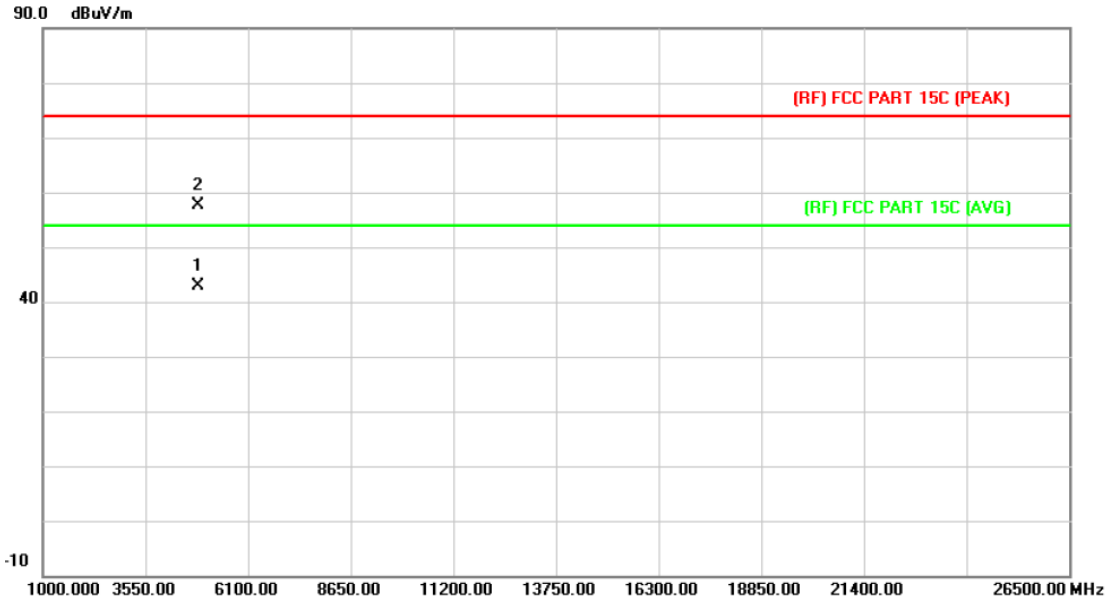
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2412MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.954	40.75	13.56	54.31	74.00	-19.69	peak
2	*	4824.612	29.42	13.56	42.98	54.00	-11.02	AVG

Emission Level= Read Level+ Correct Factor

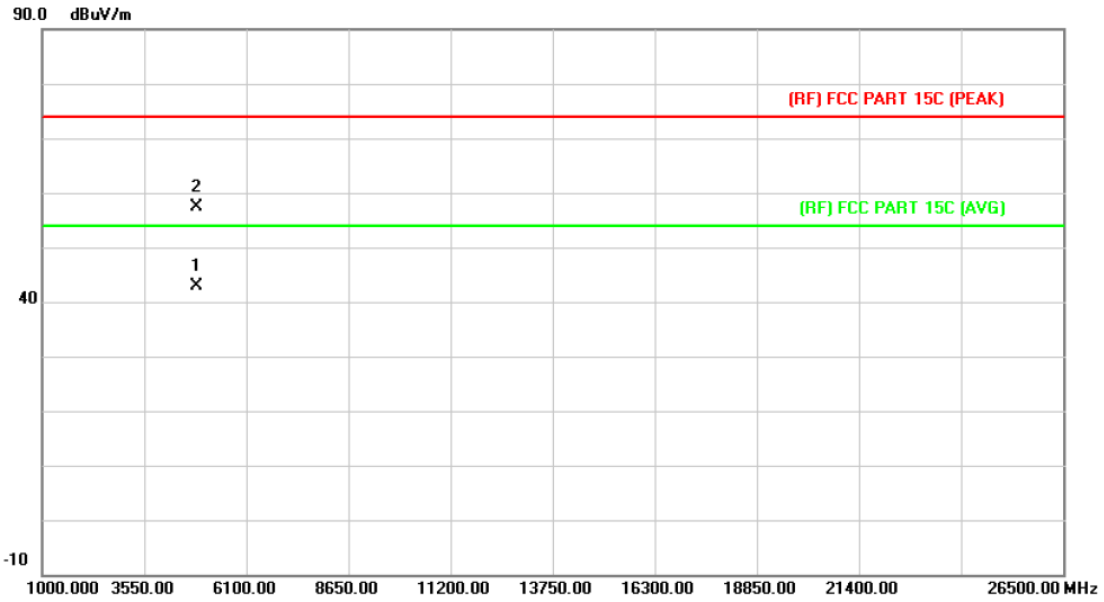
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2437MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4873.621	29.13	13.86	42.99	54.00	-11.01	AVG
2		4874.421	43.83	13.86	57.69	74.00	-16.31	peak

Emission Level= Read Level+ Correct Factor

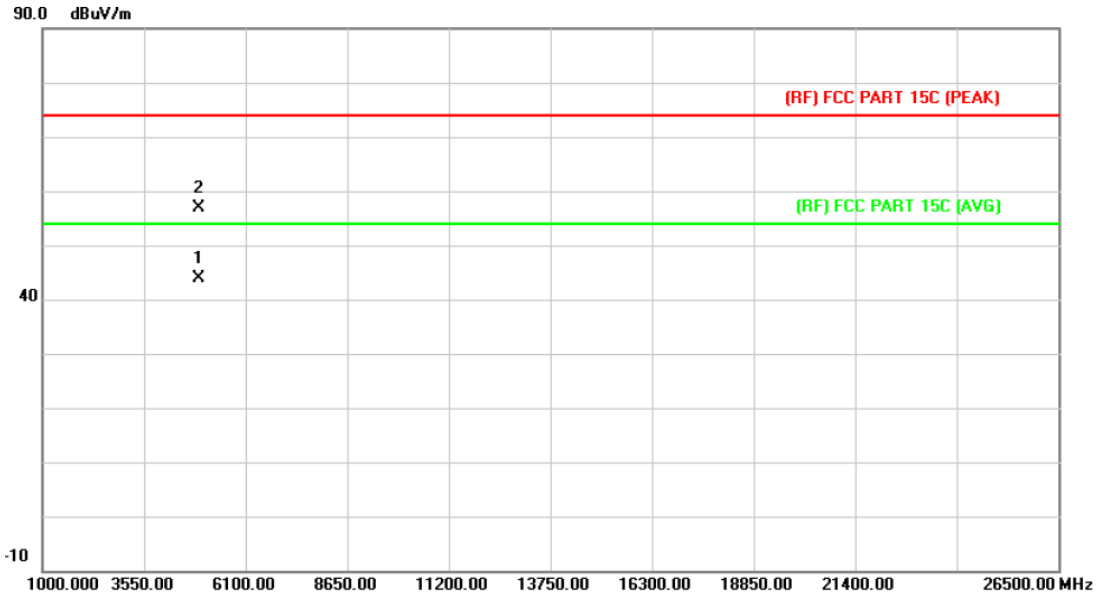
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2437MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4873.365	29.12	13.86	42.98	54.00	-11.02	AVG
2		4874.431	43.50	13.86	57.36	74.00	-16.64	peak

Emission Level= Read Level+ Correct Factor

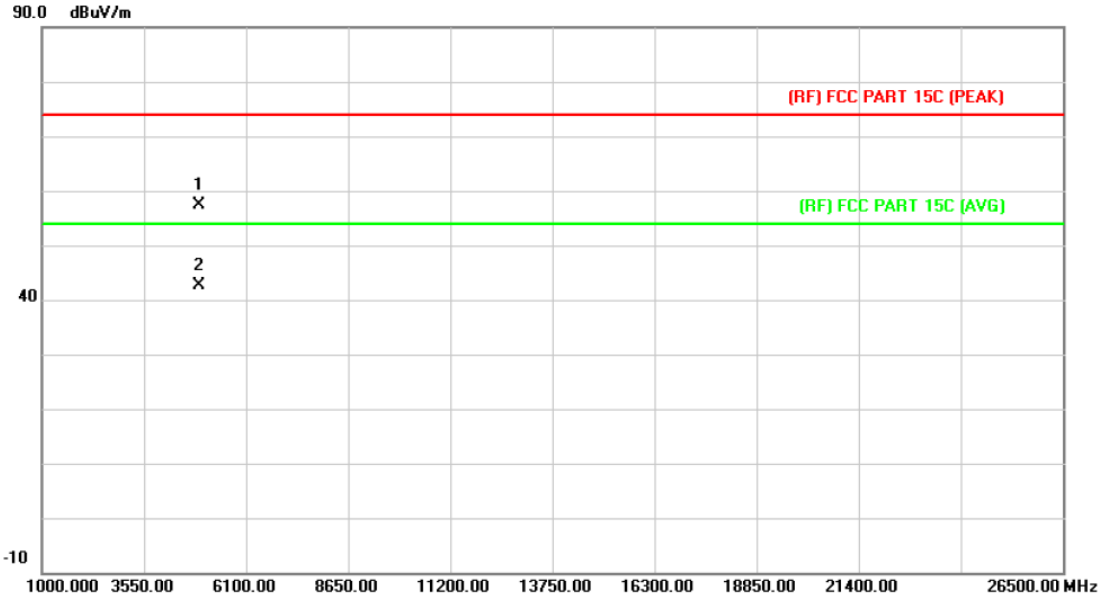
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2462MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.874	29.63	14.15	43.78	54.00	-10.22	AVG
2		4924.240	42.72	14.15	56.87	74.00	-17.13	peak

Emission Level= Read Level+ Correct Factor

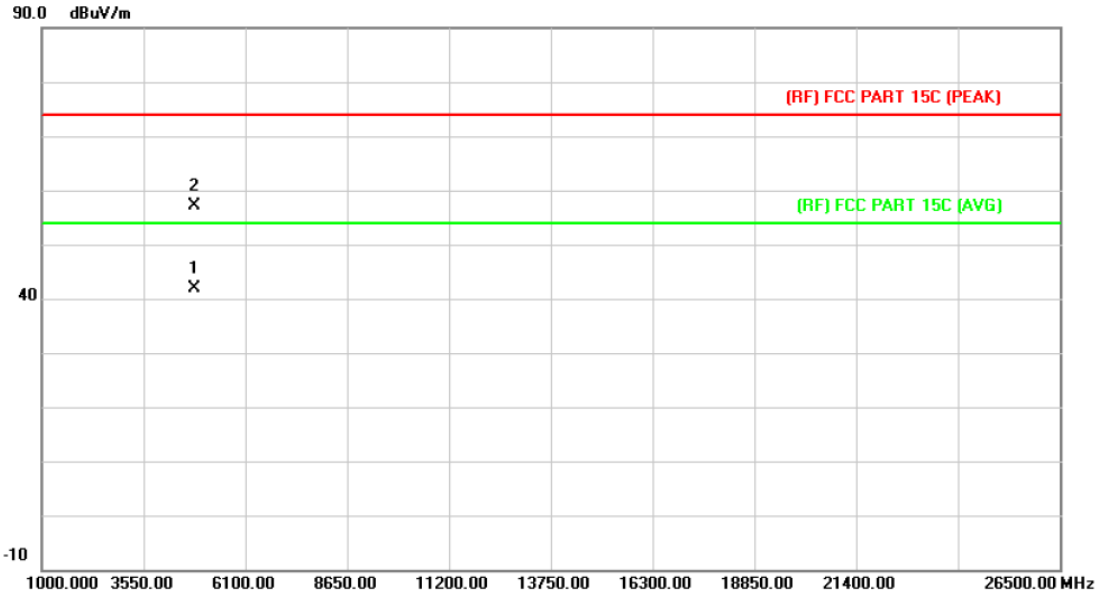
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2462MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4923.610	43.19	14.15	57.34	74.00	-16.66	peak
2	*	4924.201	28.37	14.15	42.52	54.00	-11.48	AVG

Emission Level= Read Level+ Correct Factor

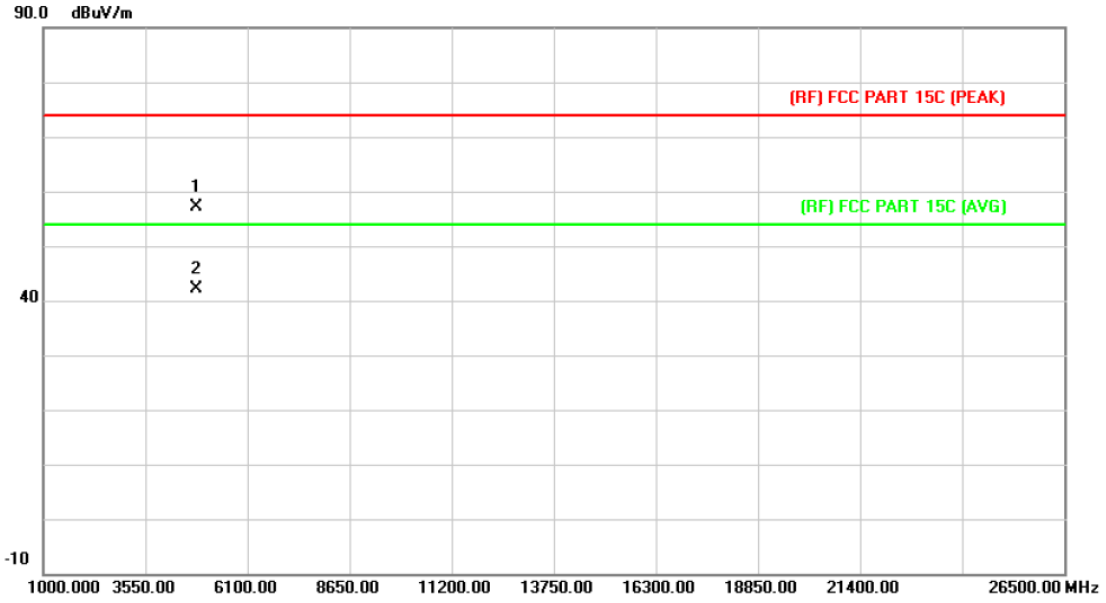
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT20) Mode 2412MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4823.879	28.42	13.56	41.98	54.00	-12.02	AVG
2		4824.251	43.49	13.56	57.05	74.00	-16.95	peak

Emission Level= Read Level+ Correct Factor

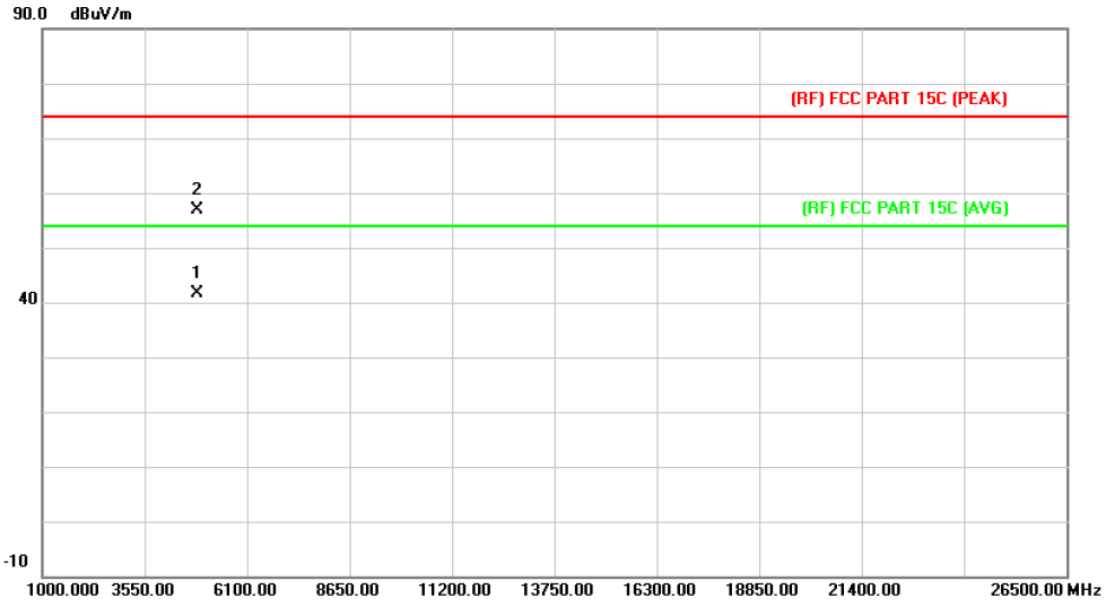
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT20) Mode 2412MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.988	43.58	13.56	57.14	74.00	-16.86	peak
2	*	4824.028	28.49	13.56	42.05	54.00	-11.95	AVG

Emission Level= Read Level+ Correct Factor

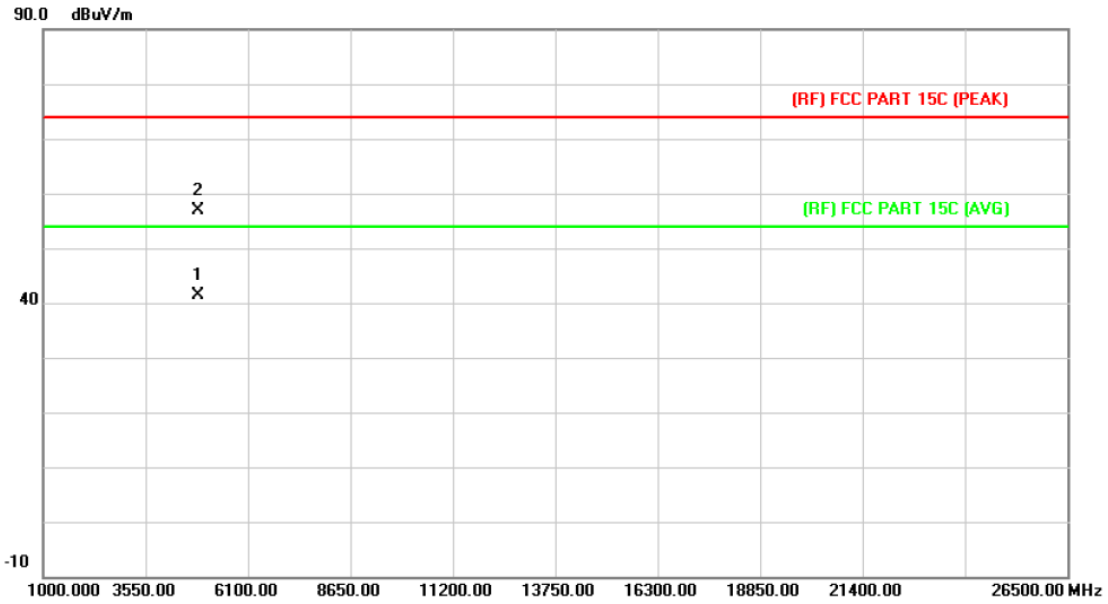
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT20) Mode 2437MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4874.316	27.78	13.86	41.64	54.00	-12.36	AVG
2		4874.685	43.11	13.86	56.97	74.00	-17.03	peak

Emission Level= Read Level+ Correct Factor

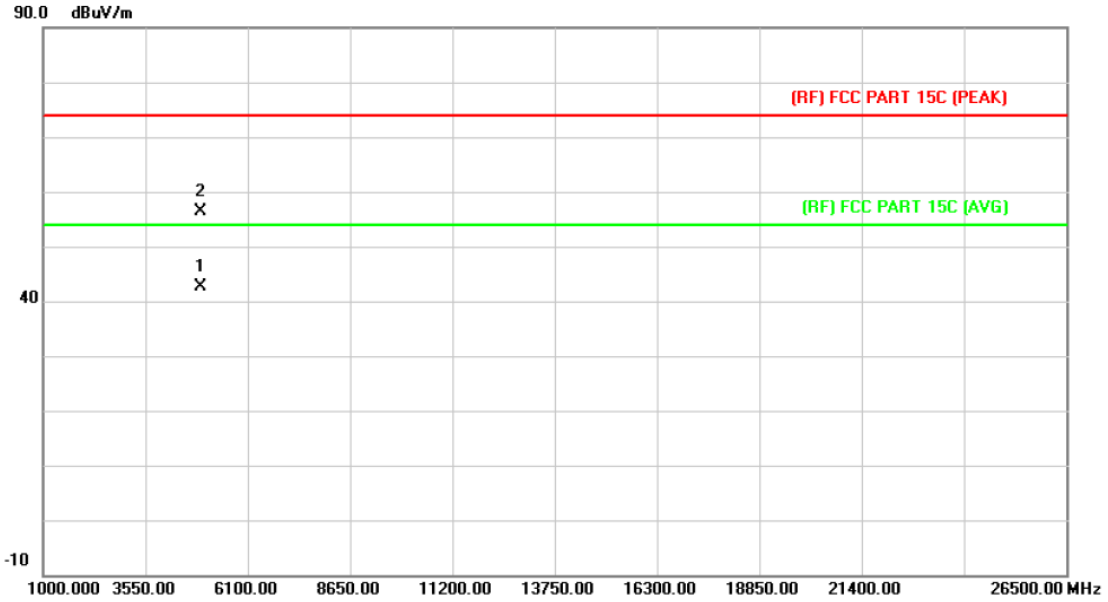
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT20) Mode 2437MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4874.112	27.62	13.86	41.48	54.00	-12.52	AVG
2		4874.341	42.93	13.86	56.79	74.00	-17.21	peak

Emission Level= Read Level+ Correct Factor

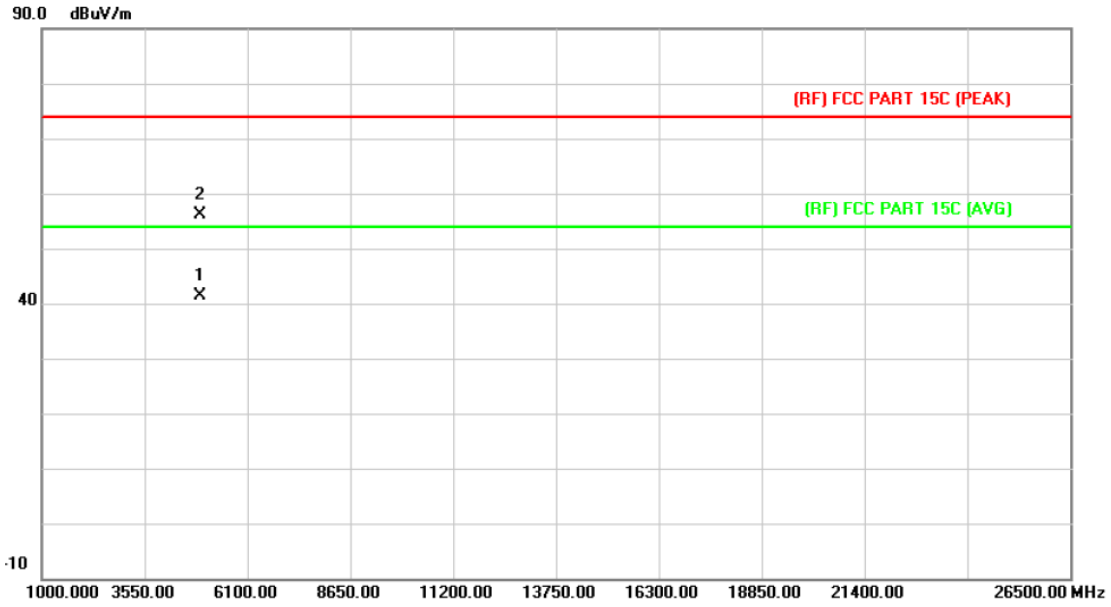
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT20) Mode 2462MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.765	28.38	14.15	42.53	54.00	-11.47	AVG
2		4924.351	42.26	14.15	56.41	74.00	-17.59	peak

Emission Level= Read Level+ Correct Factor

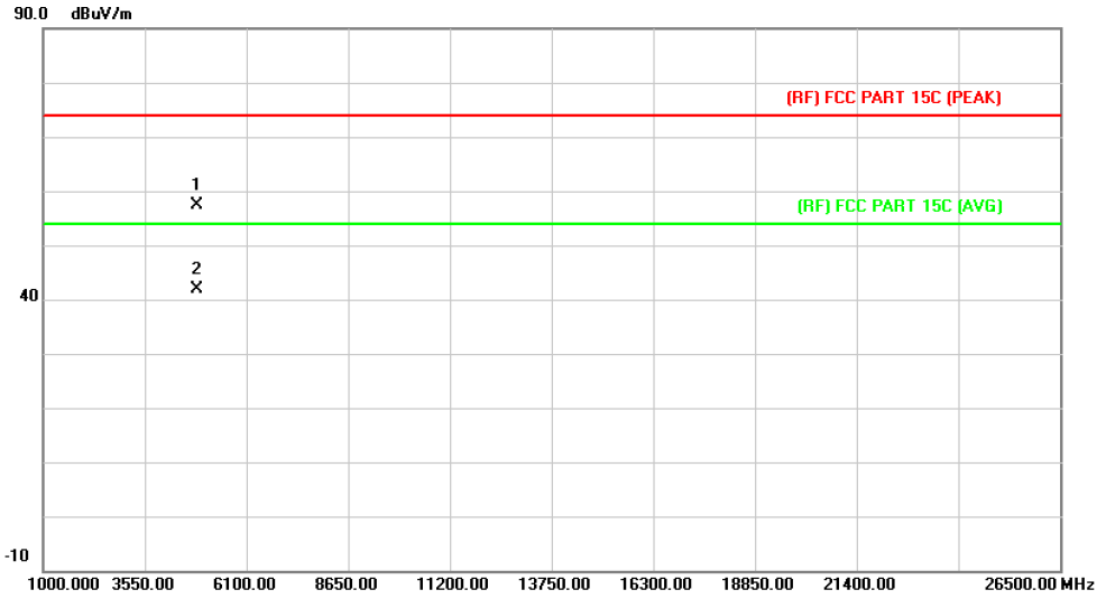
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT20) Mode 2462MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.987	27.34	14.15	41.49	54.00	-12.51	AVG
2		4924.067	42.10	14.15	56.25	74.00	-17.75	peak

Emission Level= Read Level+ Correct Factor

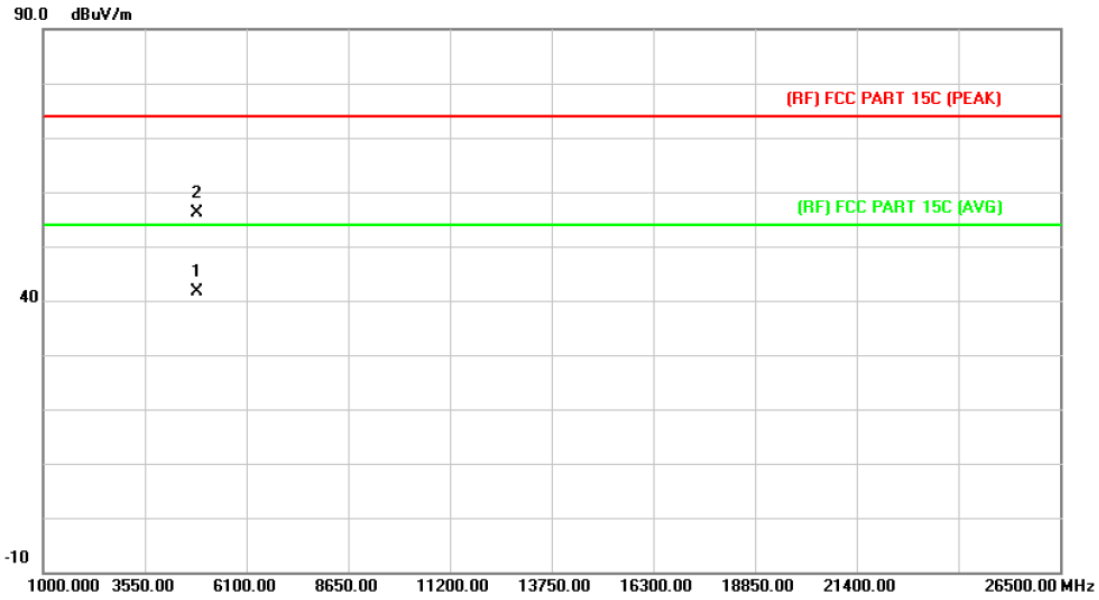
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT40) Mode 2422MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4843.746	43.70	13.68	57.38	74.00	-16.62	peak
2	*	4844.371	28.27	13.68	41.95	54.00	-12.05	AVG

Emission Level= Read Level+ Correct Factor

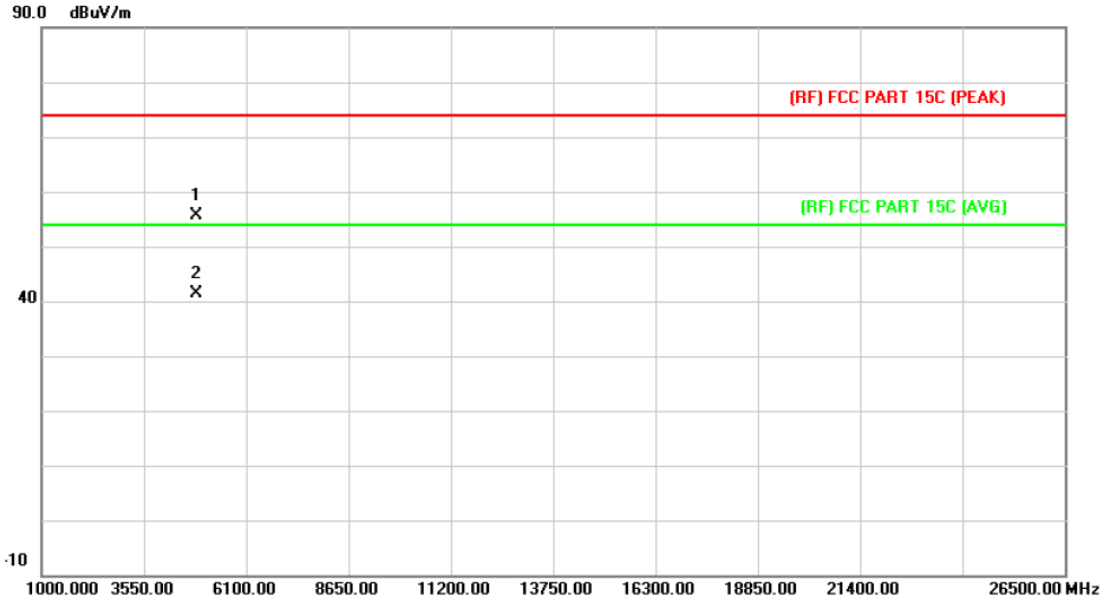
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT40) Mode 2422MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4844.024	27.84	13.68	41.52	54.00	-12.48	AVG
2		4844.311	42.46	13.68	56.14	74.00	-17.86	peak

Emission Level= Read Level+ Correct Factor

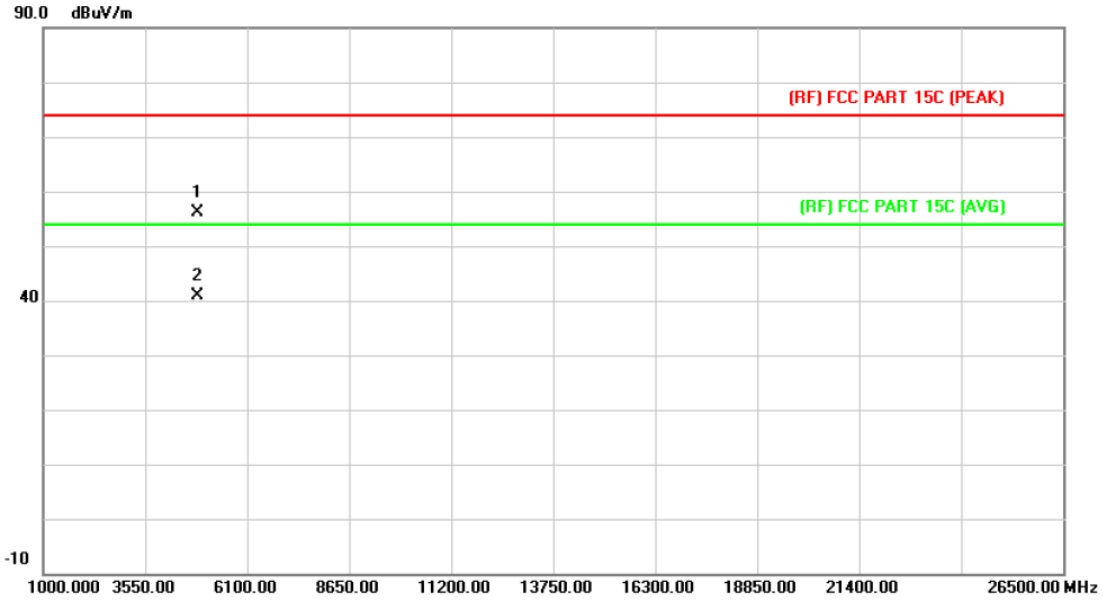
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT40) Mode 2437MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.897	41.82	13.86	55.68	74.00	-18.32	peak
2	*	4874.265	27.64	13.86	41.50	54.00	-12.50	AVG

Emission Level= Read Level+ Correct Factor

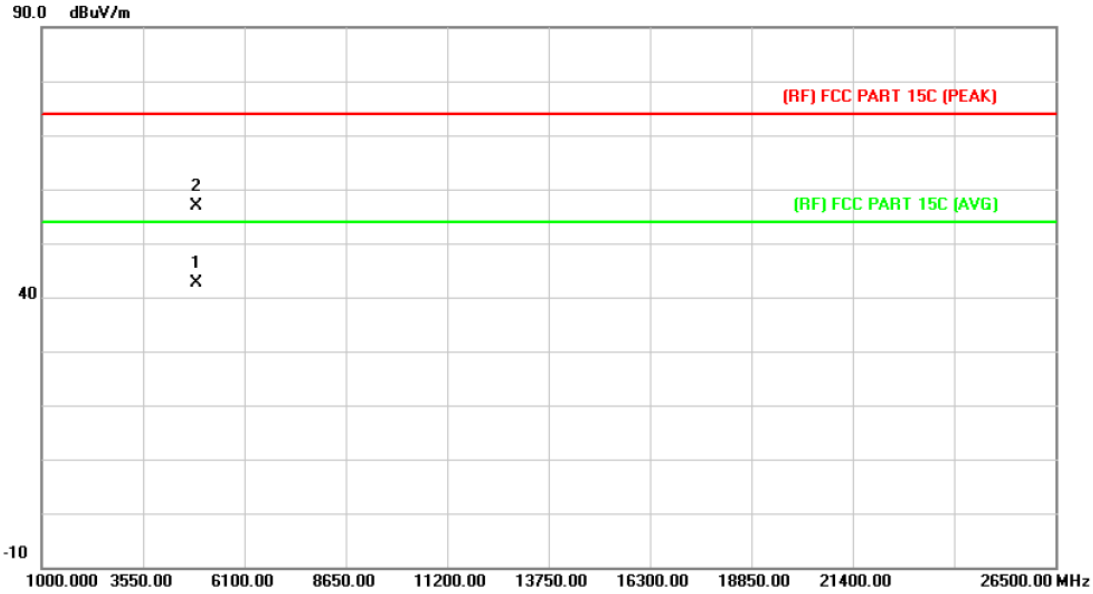
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT40) Mode 2437MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.845	42.26	13.86	56.12	74.00	-17.88	peak
2	*	4874.092	27.12	13.86	40.98	54.00	-13.02	AVG

Emission Level= Read Level+ Correct Factor

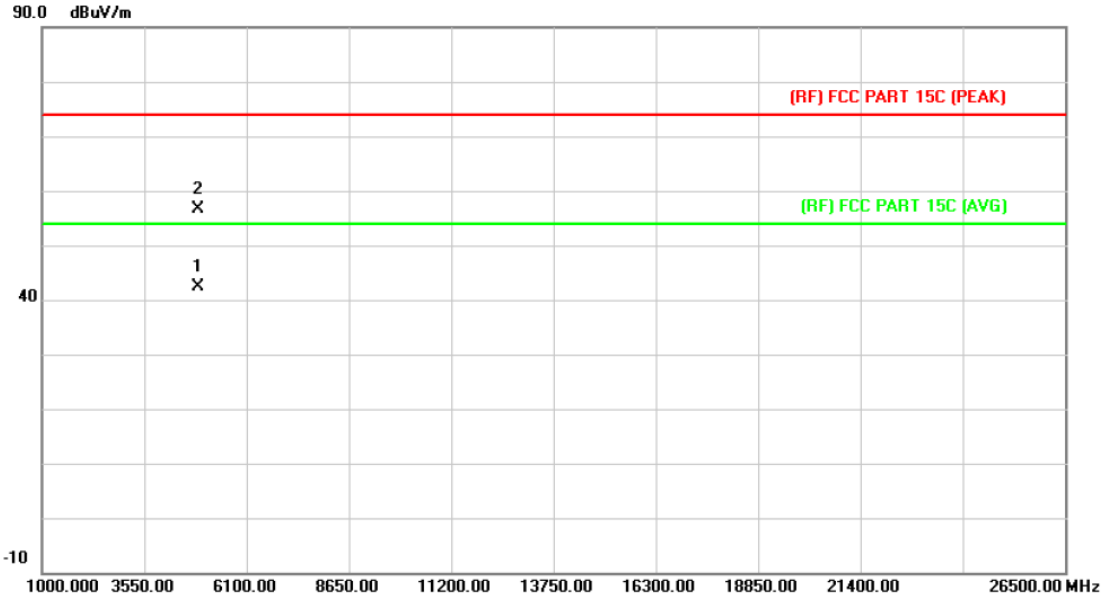
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT40) Mode 2452MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4903.617	28.50	14.03	42.53	54.00	-11.47	AVG
2		4904.321	42.96	14.03	56.99	74.00	-17.01	peak

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT40) Mode 2452MHz		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4903.894	28.40	14.03	42.43	54.00	-11.57	AVG
2		4904.035	42.71	14.03	56.74	74.00	-17.26	peak

Emission Level= Read Level+ Correct Factor

6. Restricted Bands Requirement

6.1 Test Standard and Limit

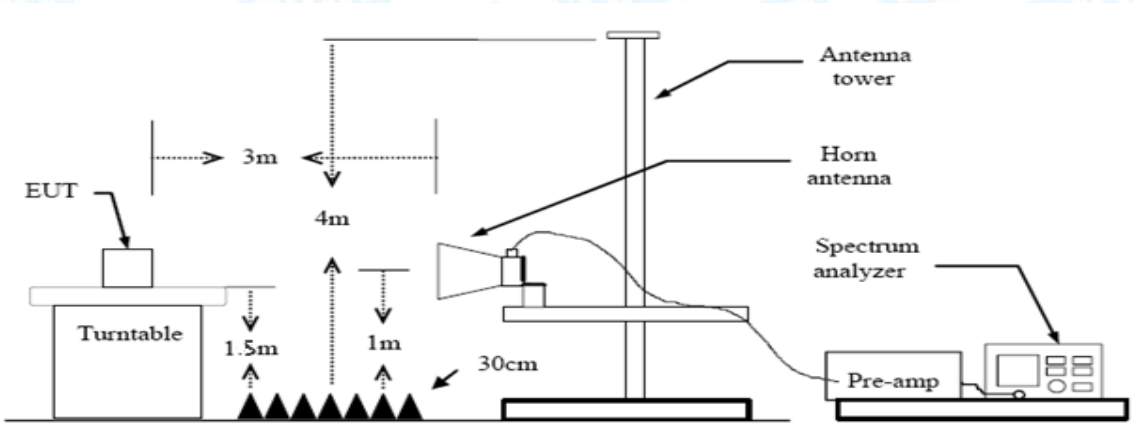
5.1.1 Test Standard

FCC Part 15.209 FCC Part 15.205

5.1.2 Test Limit

Restricted Frequency Band (MHz)	Class B (dBuV/m)(at 3 M)	
	Peak	Average
2310 ~2390	74	54
2483.5 ~2500	74	54

6.2 Test Setup



6.3 Test Procedure

(1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz. The EUT was placed on a rotating 0.8m high above the ground, the table was rotated 360 degrees to determine the position of the highest radiation.

(2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.

(3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.

(4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

(5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit

Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.

(6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.

(7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

(8) For the actual test configuration, please see the test setup photo.

6.4 EUT Operating Condition

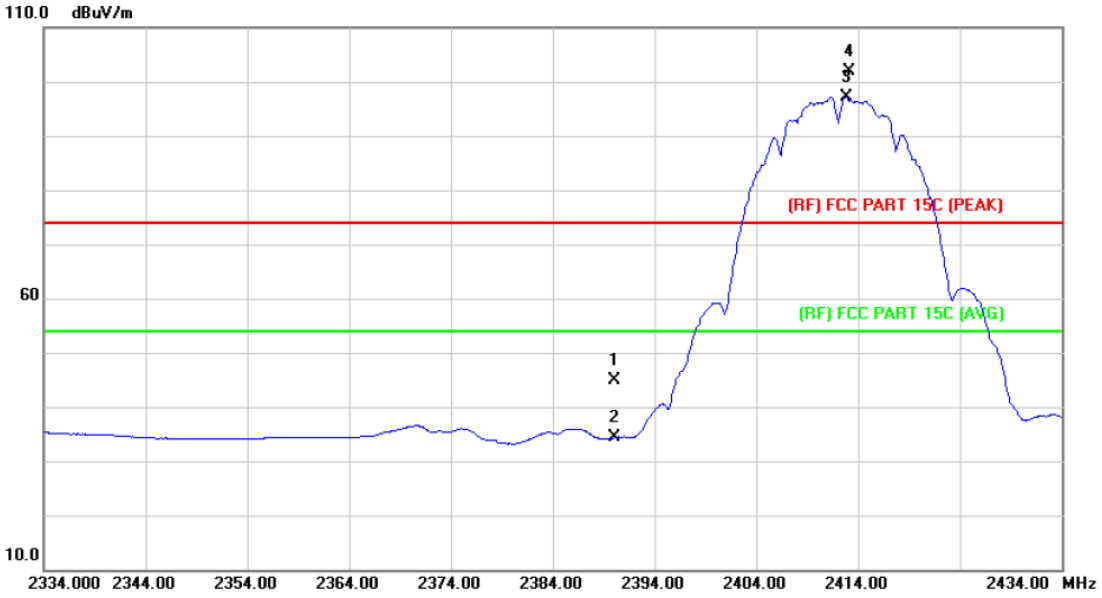
The Equipment Under Test was set to Continual Transmitting in maximum power.

6.5 Test Data

Please see the next page.

(1) Radiation Test

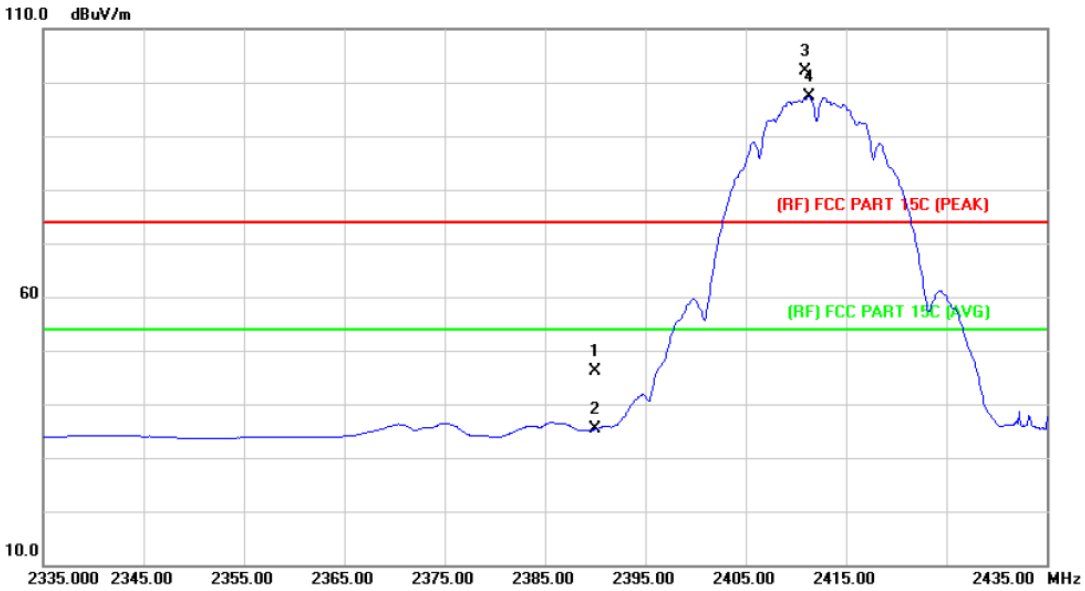
EUT:	32"IDISPLAY	**Model Name :**	UIT232B-B06
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	44.09	0.77	44.86	74.00	-29.14	peak
2		2390.000	33.54	0.77	34.31	54.00	-19.69	AVG
3	*	2412.800	96.30	0.86	97.16	Fundamental Frequency		AVG
4	X	2413.100	101.12	0.86	101.98	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

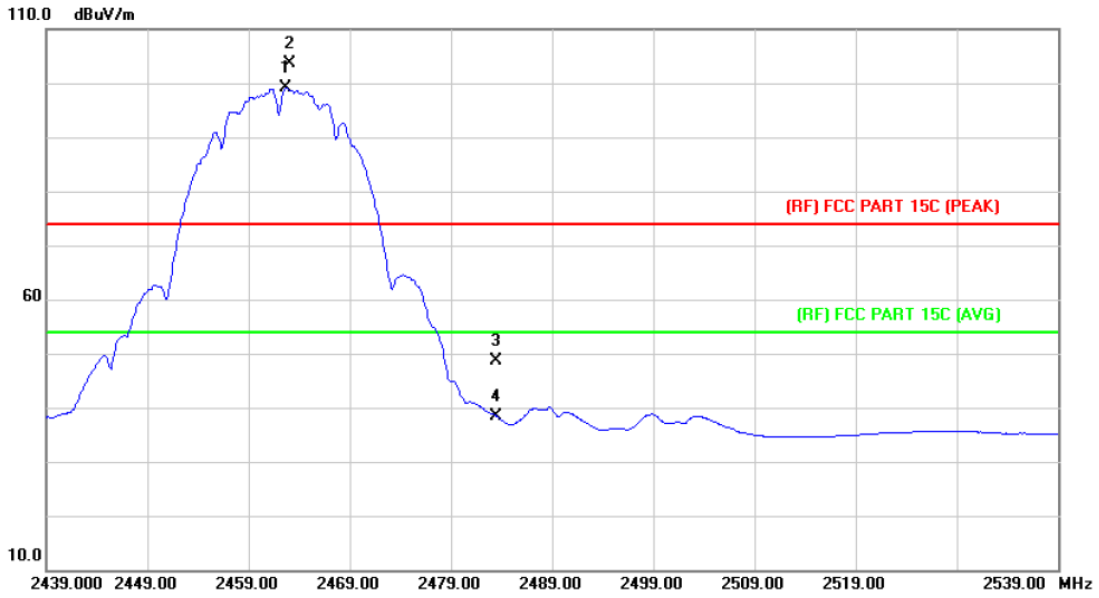
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	45.47	0.77	46.24	74.00	-27.76	peak
2		2390.000	34.52	0.77	35.29	54.00	-18.71	AVG
3	X	2410.900	101.16	0.86	102.02	Fundamental Frequency		peak
4	*	2411.300	96.61	0.86	97.47	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

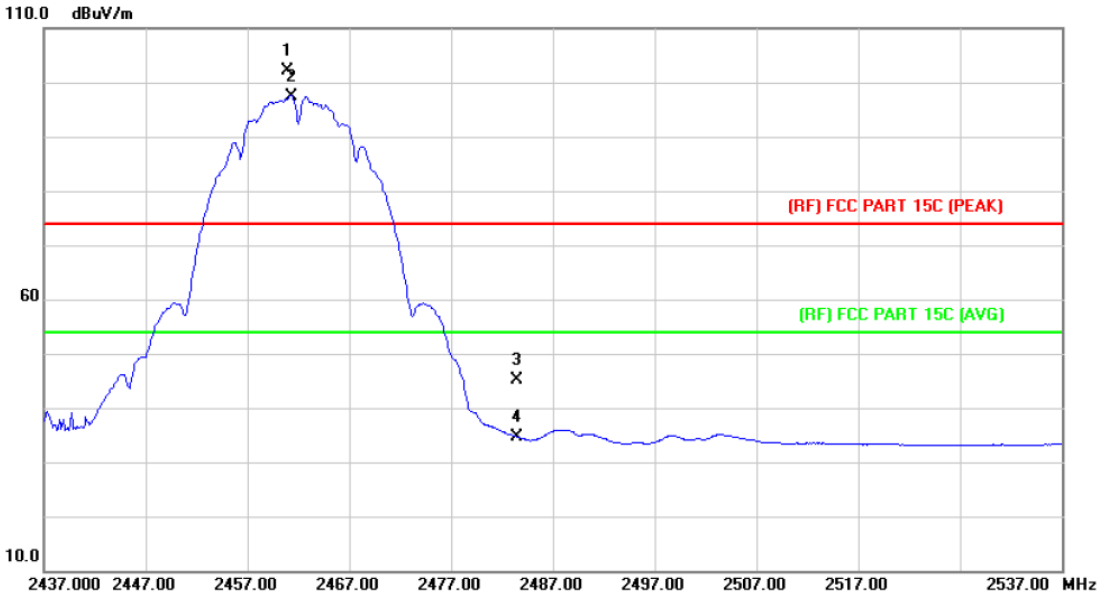
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2462.700	98.07	1.08	99.15	Fundamental Frequency		AVG
2	X	2463.000	102.60	1.08	103.68	Fundamental Frequency		peak
3		2483.500	47.51	1.17	48.68	74.00	-25.32	peak
4		2483.500	37.28	1.17	38.45	54.00	-15.55	AVG

Emission Level= Read Level+ Correct Factor

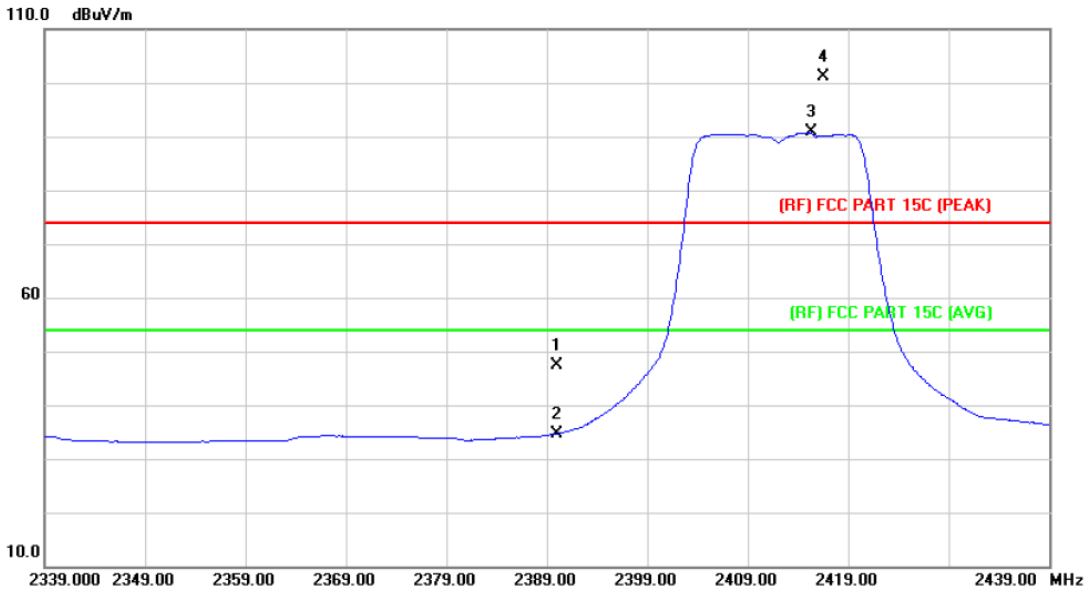
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2460.900	100.97	1.06	102.03	Fundamental Frequency		peak
2	*	2461.300	96.43	1.07	97.50	Fundamental Frequency		AVG
3		2483.500	43.89	1.17	45.06	74.00	-28.94	peak
4		2483.500	33.47	1.17	34.64	54.00	-19.36	AVG

Emission Level= Read Level+ Correct Factor

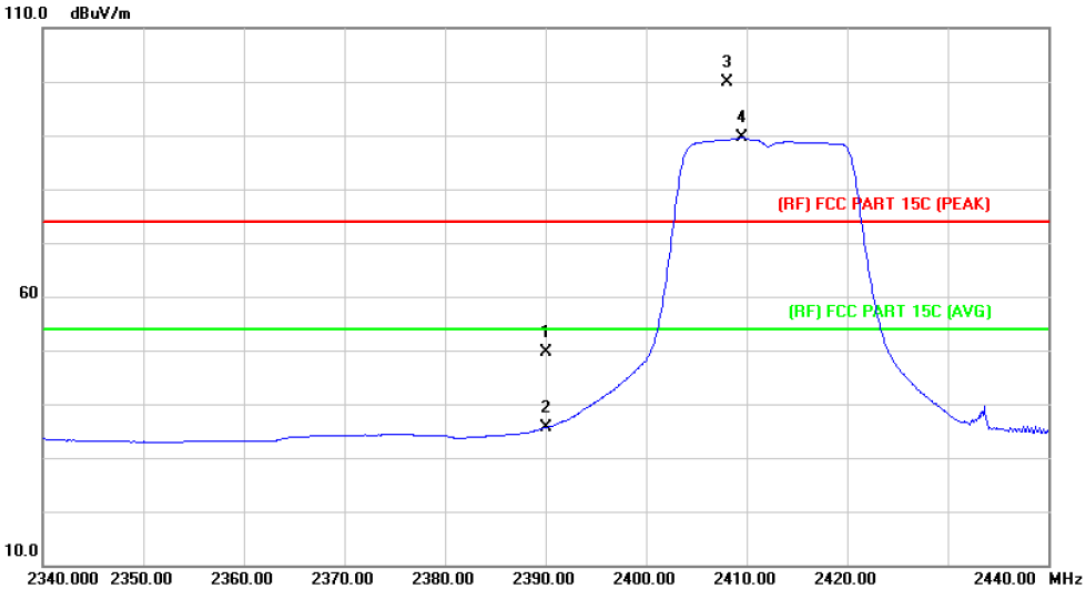
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	46.55	0.77	47.32	74.00	-26.68	peak
2		2390.000	33.95	0.77	34.72	54.00	-19.28	AVG
3	*	2415.300	89.90	0.88	90.78	Fundamental Frequency		AVG
4	X	2416.500	100.32	0.88	101.20	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

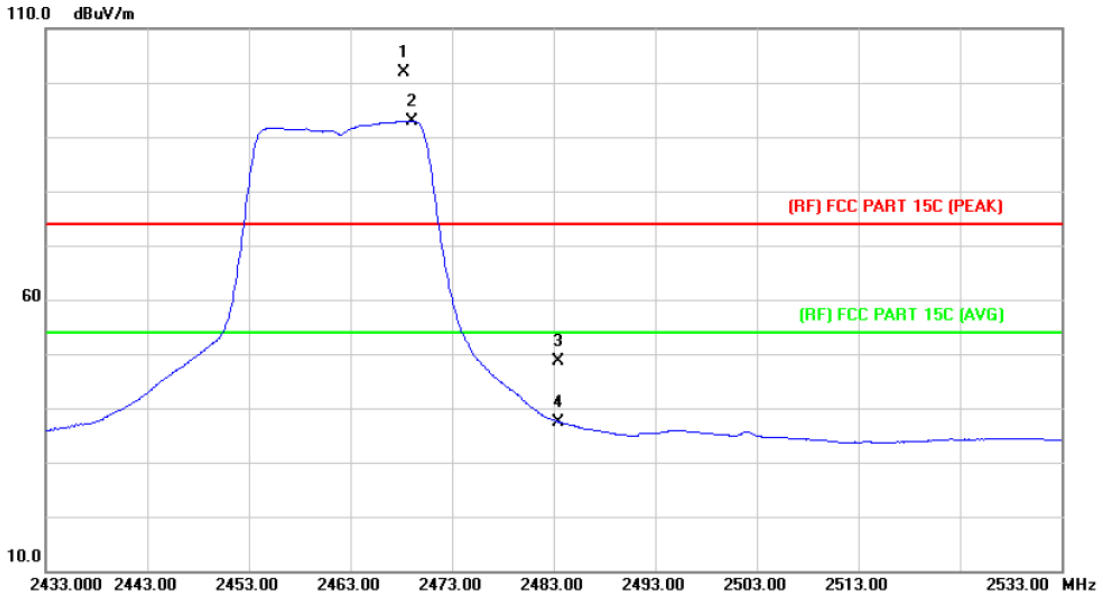
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	48.89	0.77	49.66	74.00	-24.34	peak
2		2390.000	34.87	0.77	35.64	54.00	-18.36	AVG
3	X	2408.100	98.92	0.85	99.77	Fundamental Frequency		peak
4	*	2409.600	88.71	0.85	89.56	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

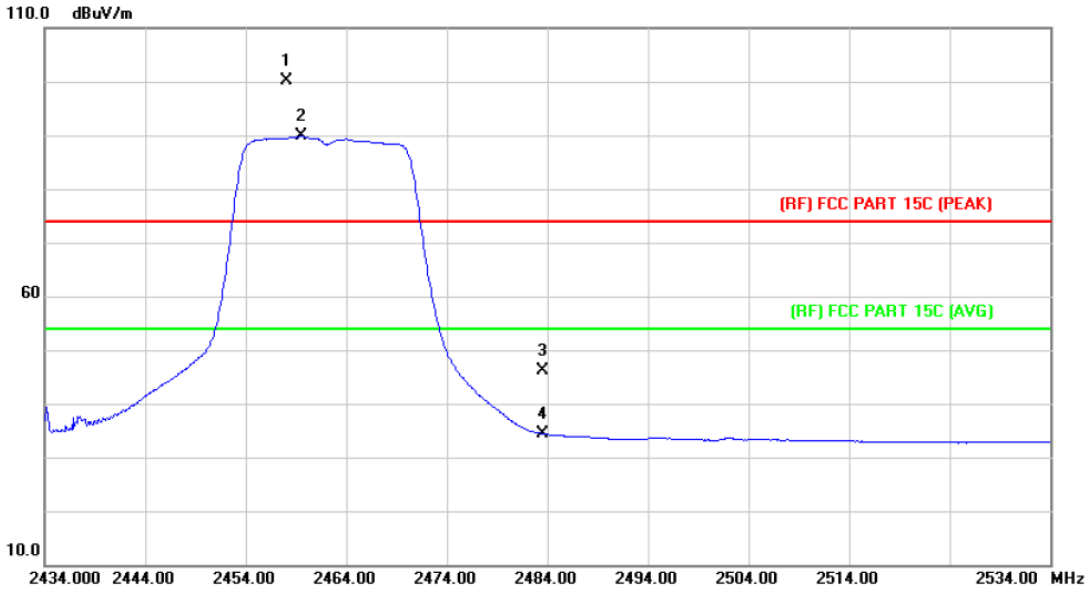
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2468.300	100.76	1.11	101.87	Fundamental Frequency		peak
2	*	2469.100	91.80	1.11	92.91	Fundamental Frequency		AVG
3		2483.500	47.50	1.17	48.67	74.00	-25.33	peak
4		2483.500	36.32	1.17	37.49	54.00	-16.51	AVG

Emission Level= Read Level+ Correct Factor

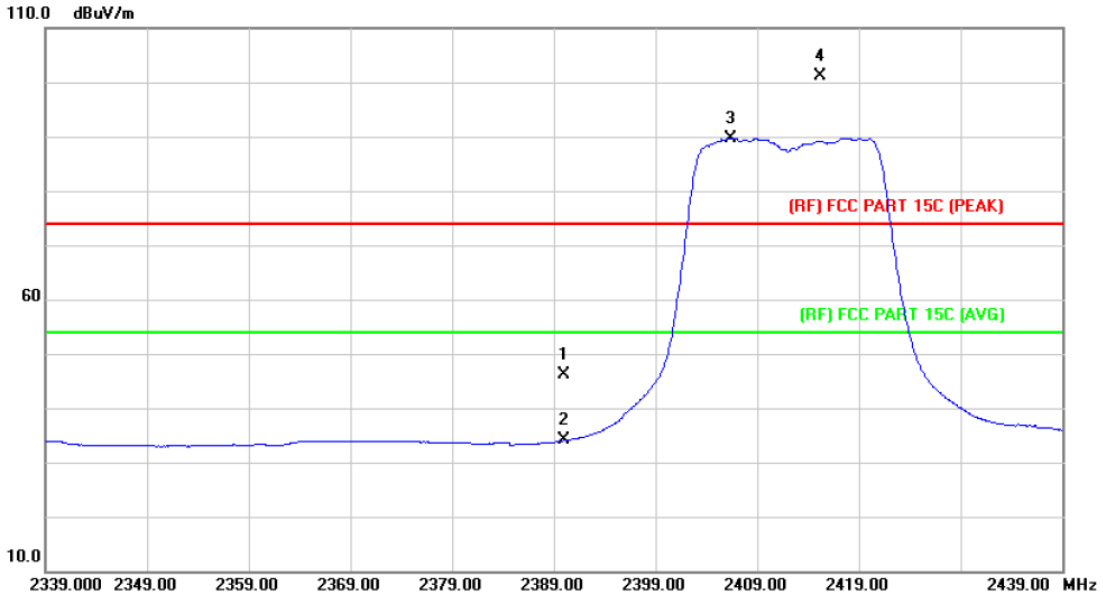
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2458.100	99.15	1.06	100.21	Fundamental Frequency		peak
2	*	2459.500	88.72	1.06	89.78	Fundamental Frequency		AVG
3		2483.500	45.03	1.17	46.20	74.00	-27.80	peak
4		2483.500	33.28	1.17	34.45	54.00	-19.55	AVG

Emission Level= Read Level+ Correct Factor

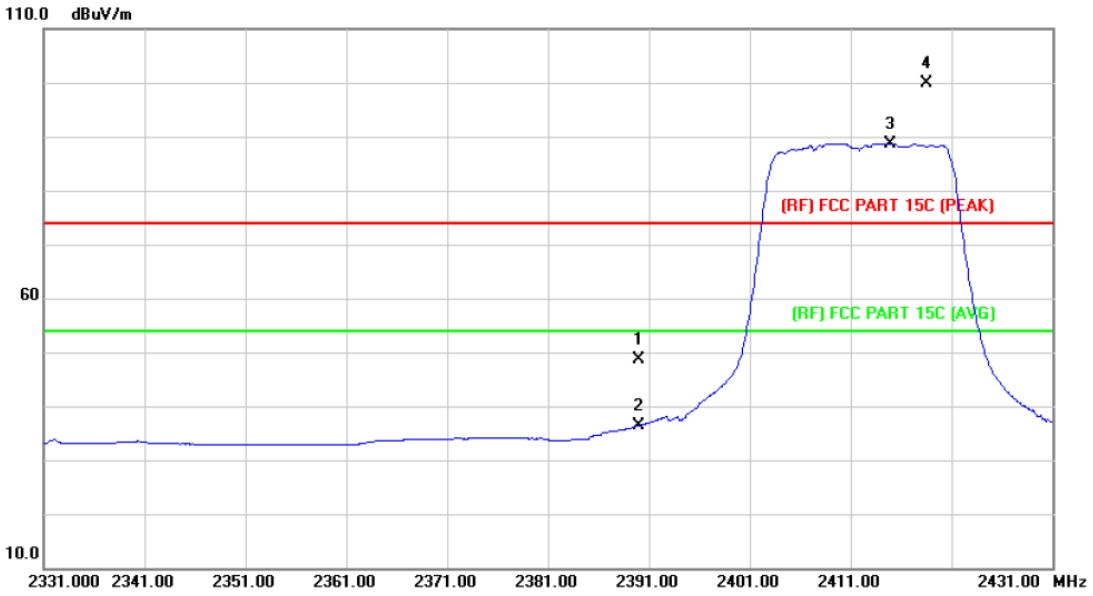
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT20) Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	45.35	0.77	46.12	74.00	-27.88	peak
2		2390.000	33.24	0.77	34.01	54.00	-19.99	AVG
3	*	2406.400	88.79	0.84	89.63	Fundamental Frequency		AVG
4	X	2415.200	100.33	0.88	101.21	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

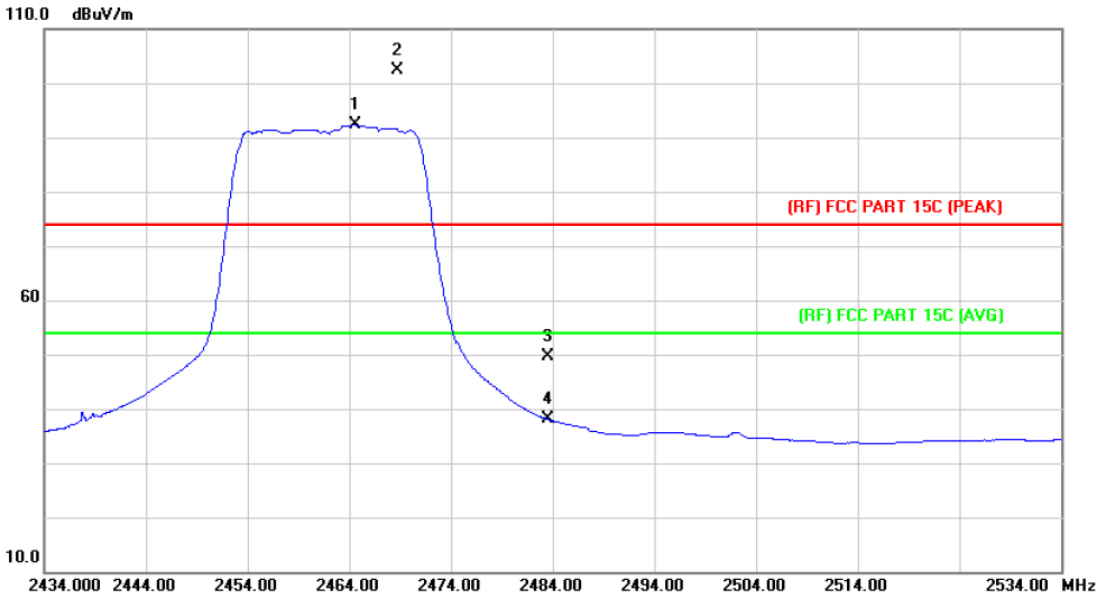
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT20) Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	47.92	0.77	48.69	74.00	-25.31	peak
2		2390.000	35.61	0.77	36.38	54.00	-17.62	AVG
3	*	2414.900	87.86	0.88	88.74	Fundamental Frequency		AVG
4	X	2418.600	99.00	0.89	99.89	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

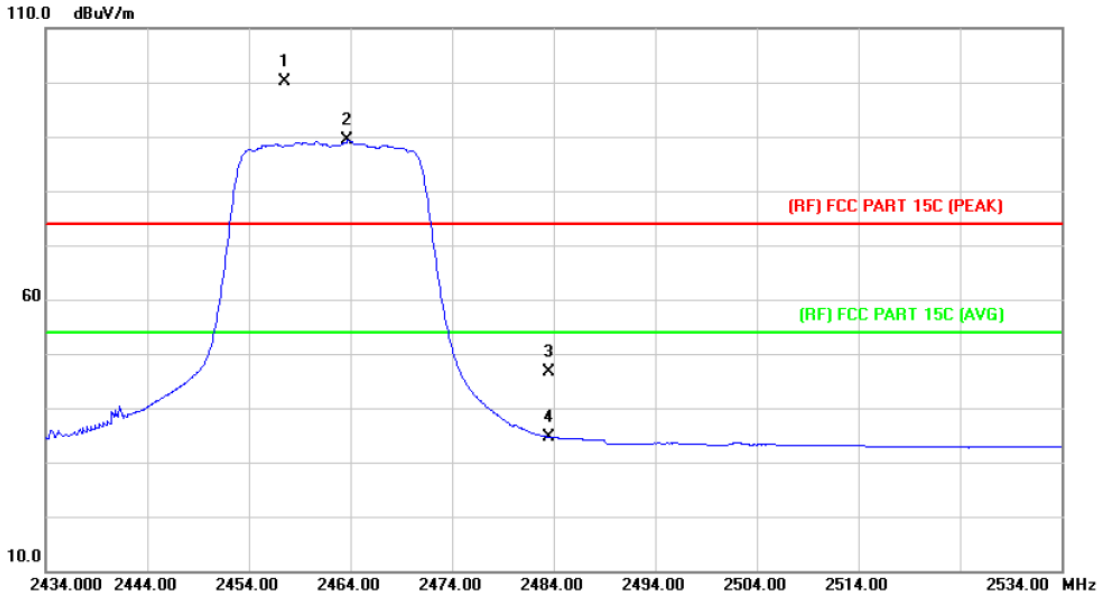
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT20) Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2464.600	91.38	1.09	92.47	Fundamental Frequency		AVG
2	X	2468.700	101.23	1.11	102.34	Fundamental Frequency		peak
3		2483.500	48.50	1.17	49.67	74.00	-24.33	peak
4		2483.500	36.89	1.17	38.06	54.00	-15.94	AVG

Emission Level= Read Level+ Correct Factor

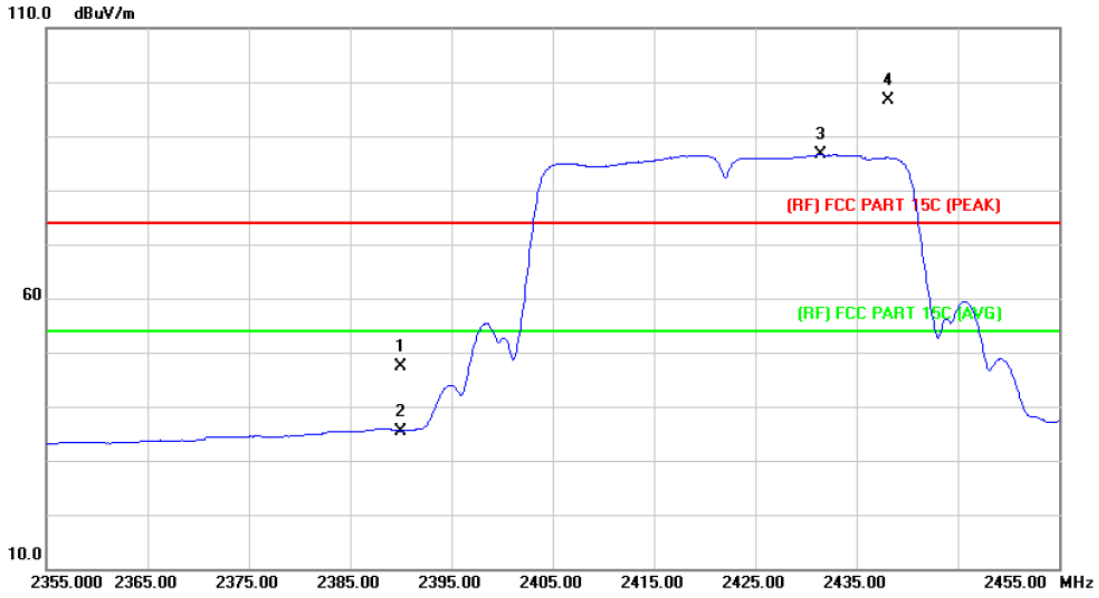
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT20) Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2457.600	99.16	1.05	100.21	Fundamental Frequency		peak
2	*	2463.700	88.23	1.08	89.31	Fundamental Frequency		AVG
3		2483.500	45.56	1.17	46.73	74.00	-27.27	peak
4		2483.500	33.51	1.17	34.68	54.00	-19.32	AVG

Emission Level= Read Level+ Correct Factor

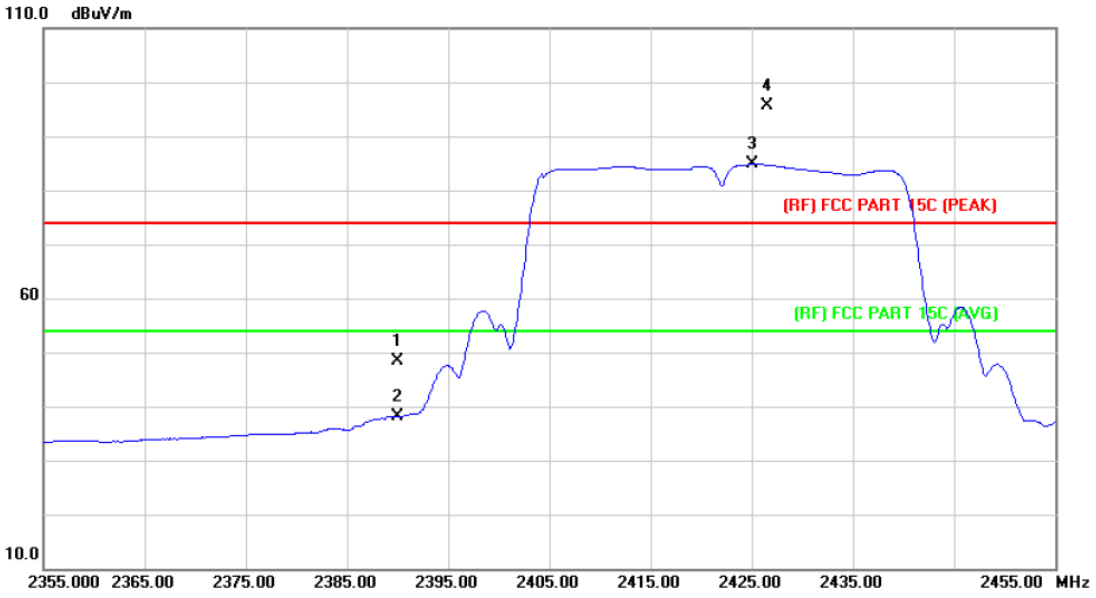
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT40) Mode 2422MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	46.71	0.77	47.48	74.00	-26.52	peak
2		2390.000	34.72	0.77	35.49	54.00	-18.51	AVG
3	X	2431.500	85.60	0.95	86.55	Fundamental Frequency		peak
4	*	2438.200	95.56	0.98	96.54	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

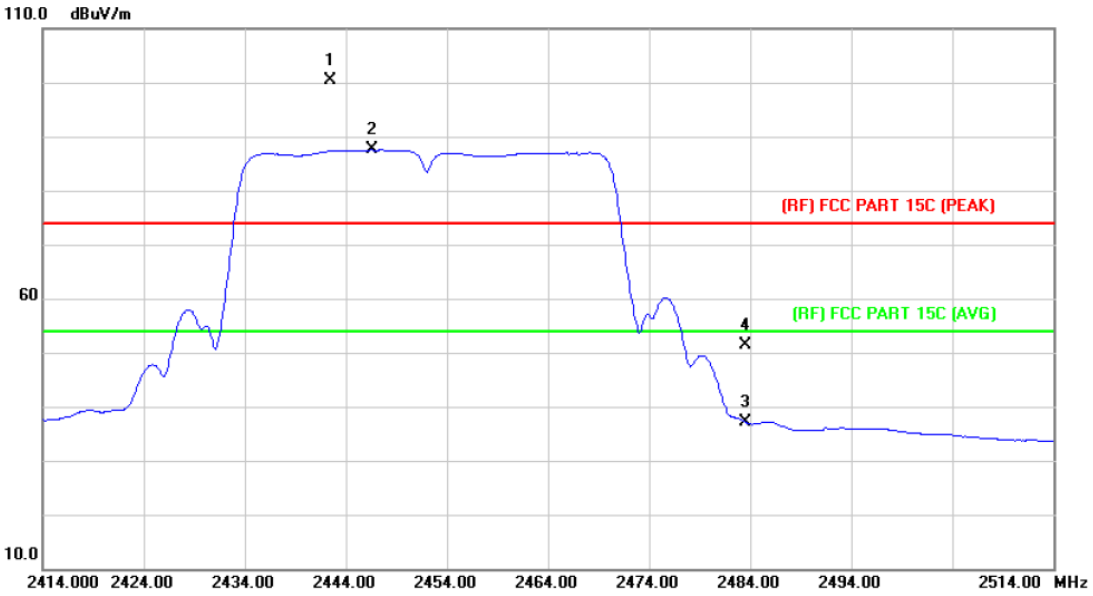
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT40) Mode 2422MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	47.59	0.77	48.36	74.00	-25.64	peak
2		2390.000	37.25	0.77	38.02	54.00	-15.98	AVG
3	*	2425.100	83.91	0.93	84.84	Fundamental Frequency		AVG
4	X	2426.600	94.71	0.93	95.64	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

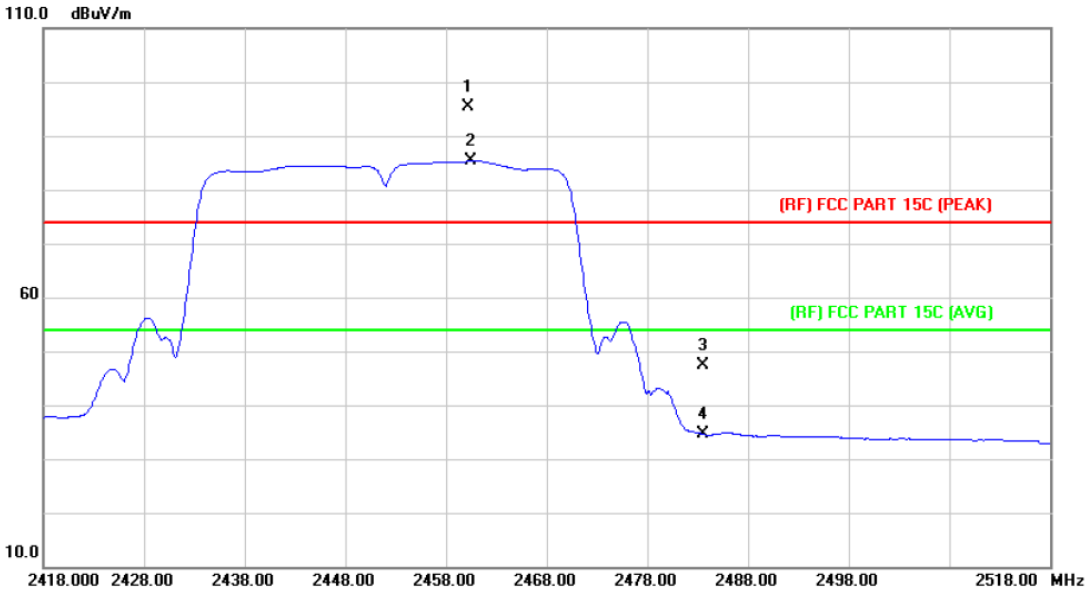
EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT40) Mode 2452MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2442.400	99.46	0.99	100.45	Fundamental Frequency		peak
2	*	2446.600	86.52	1.01	87.53	Fundamental Frequency		AVG
3		2483.500	36.02	1.17	37.19	74.00	-36.81	peak
4		2483.500	50.15	1.17	51.32	54.00	-2.68	AVG

Emission Level= Read Level+ Correct Factor

EUT:	32"IDISPLAY	Model Name :	UIT232B-B06
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT40) Mode 2452MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2460.200	94.30	1.06	95.36	Fundamental Frequency		peak
2	*	2460.400	84.24	1.06	85.30	Fundamental Frequency		AVG
3		2483.500	46.16	1.17	47.33	74.00	-26.67	peak
4		2483.500	33.45	1.17	34.62	54.00	-19.38	AVG

Emission Level= Read Level+ Correct Factor

7. Antenna Requirement

7.1 Standard Requirement

7.1.1 Standard

FCC Part 15.203

7.1.2 Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

7.2 Antenna Connected Construction

The directional gains of the antenna used for transmitting is 2.12 dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

Result

The EUT antenna is an Embedded Antenna. It complies with the standard requirement.

Antenna Type
☑ Permanent attached antenna
☐ Unique connector antenna
☐ Professional installation antenna