

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC161330

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FCC Radio Test Report FCC ID: 2ANK8-S02

Original Grant

Report No. TB-FCC161330

Shenzhen Forever Young Technology Co., Ltd **Applicant**

Equipment Under Test (EUT)

EUT Name WiFi Smart Plug

Model No. S₀2

Series Model No. N/A

Brand Name Zitech

Receipt Date 2018-08-02

2018-08-03 to 2018-08-13 **Test Date**

Issue Date 2018-08-14

Standards FCC Part 15: 2017, Subpart C(15.247)

Test Method ANSI C63.10: 2013

Conclusions PASS

In the configuration tested, the EUT complied with the standards specified above,

Ray Lai

The EUT technically complies with the FCC and IC requirements

Test/Witness Engineer

Engineer Supervisor

Engineer Manager

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.

TB-RF-074-1.0

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Revision History

Report No.	Version	Description	Issued Date
TB-FCC161330	Rev.01	Initial issue of report	2018-08-14
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1. General Information about EUT

1.1 Client Information

Applicant : Shenzhen Forever Young Technology Co.,Ltd		Shenzhen Forever Young Technology Co.,Ltd	
Address : 4/F, No.5 Bldg, Fu Hong Industrial Park, Fu Yong Town, Bao'an I Shenzhen, China		4/F, No.5 Bldg, Fu Hong Industrial Park, Fu Yong Town, Bao'an District, Shenzhen, China	
Manufacturer		Shenzhen Forever Young Technology Co.,Ltd	
Address : 4/F, No.5 Bldg, Fu Hong Ind Shenzhen, China		4/F, No.5 Bldg, Fu Hong Industrial Park, Fu Yong Town, Bao'an District, Shenzhen, China	

1.2 General Description of EUT (Equipment Under Test)

EUT Name	ŀ	WiFi Smart Plug		
Models No.	:	S02		
Model Difference		N/A		
	7	Operation Frequency:	802.11b/g/n(HT20): 2412MHz~2462MHz	
	K	Number of Channel:	802.11b/g/n(HT20):11 channels see note(3)	
		RF Output Power:	802.11b: 16.60 dBm 802.11g: 14.89 dBm 802.11n (HT20): 13.17 dBm	
Product		Antenna Gain:	2.5dBi PCB Antenna	
Description		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	÷	Input/Output: AC100V-	240V	
Software Version	:	N/A N/A		
Hardware Version	:(
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 v04.
- (2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- (3) Channel List:



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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)

- (4) The Antenna information about the equipment is provided by the applicant.
- 1.3 Block Diagram Showing the Configuration of System Tested

TX Mode

EUT

1.4 Description of Support Units

The EUT has been test as an independent unit.



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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	TX B Mode				
For Radiated Test					
Final Test Mode Description					
Mode 2	TX Mode B Mode Channel 01/06/11				
Mode 3	TX Mode G Mode Channel 01/06/11				
Mode 4	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, Middle, 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)

- (2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a portable 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.



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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	0.00	N/A	
Channel	CH 01	CH 06	CH 11
IEEE 802.11b DSSS	DEF	DEF	DEF
IEEE 802.11g OFDM	DEF	DEF	DEF
IEEE 802.11n (HT20)	DEF	DEF	DEF

1.7 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, 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



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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.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.

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.



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2. Test Summary

FCC Part 15 Subpart C(15.247)/ RSS 247 Issue 2					
Standa	rd Section	Test Item	Judgment	Damark	
FCC	IC	rest item	Judgment	Remark	
15.203	1	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	
15.247(b)	RSS 247 5.4 (4)	Peak Output Power	PASS	N/A	
15.247(e)	RSS 247 5.2 (2)	Power Spectral Density	PASS	N/A	
15.247(d)	RSS 247 5.5	Band Edge	PASS	N/A	
15.247(d)& 15.209	RSS 247 5.5	Transmitter Radiated Spurious Emission	PASS	N/A	

Note: "/" for no requirement for this test item.

N/A is an abbreviation for Not Applicable.



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3. Test Equipment

Conducted Emiss	ion Test				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul.18, 2018	Jul. 17, 2019
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul.18, 2018	Jul. 17, 2019
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul.18, 2018	Jul. 17, 2019
LISN	Rohde & Schwarz	ENV216	101131	Jul.18, 2018	Jul. 17, 2019
Radiation Emission	n Test				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul.18, 2018	Jul. 17, 2019
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul.18, 2018	Jul. 17, 2019
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar.16, 2018	Mar. 15, 2019
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar.16, 2018	Mar. 15, 2019
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.16, 2018	Mar. 15, 2019
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar.16, 2018	Mar. 15, 2019
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jul. 15, 2018	Jul. 14, 2019
Pre-amplifier	Sonoma	310N	185903	Mar.16, 2018	Mar. 15, 2019
Pre-amplifier	HP	8449B	3008A00849	Mar.16, 2018	Mar. 15, 2019
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.16, 2018	Mar. 15, 2019
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conducto	ed Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul.18, 2018	Jul. 17, 2019
Spectrum Analyzer	Rohde & Schwarz	ESCI	100010/007	Jul.18, 2018	Jul. 17, 2019
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Oct. 26, 2017	Oct. 25, 2018
Vector Signal Generator	Agilent	N5182A	MY50141294	Oct. 26, 2017	Oct. 25, 2018
Analog Signal Generator	Agilent	N5181A	MY50141953	Oct. 26, 2017	Oct. 25, 2018
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Oct. 26, 2017	Oct. 25, 2018
DE Dower Conser	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Oct. 26, 2017	Oct. 25, 2018
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Oct. 26, 2017	Oct. 25, 2018
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Oct. 26, 2017	Oct. 25, 2018



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4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1Test Standard FCC Part 15.207

4.1.2 Test Limit

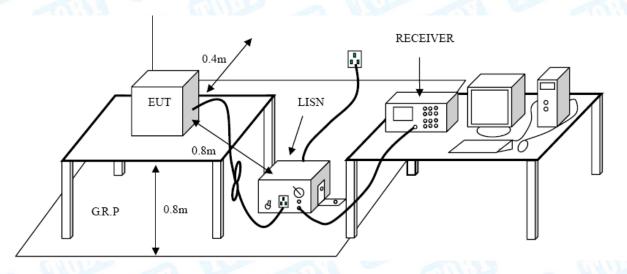
Conducted Emission Test Limit

-0130	Maximum RF Line Voltage (dBμV)		
Frequency	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.



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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 refer to the Attachment A.



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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 (9 kHz~1000 MHz)

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	Distance of 3m (dBuV/m)			
(MHz)	Peak	Average		
Above 1000	74	54		

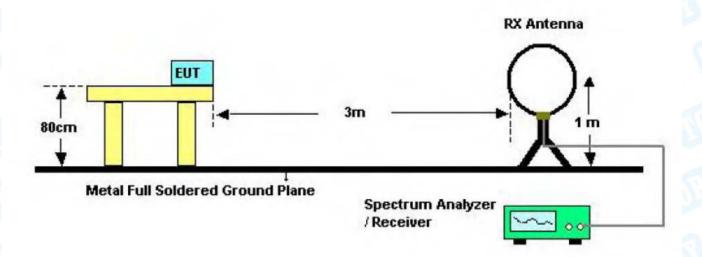
Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

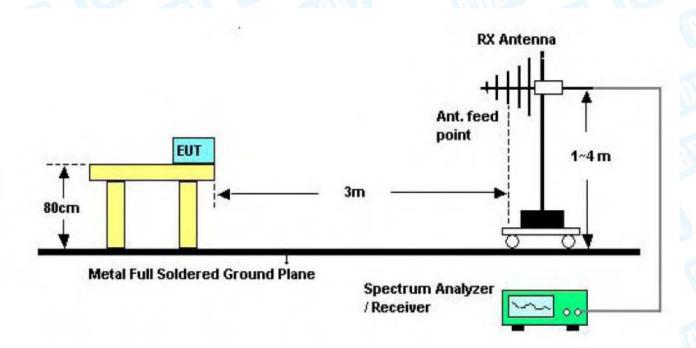


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5.2 Test Setup



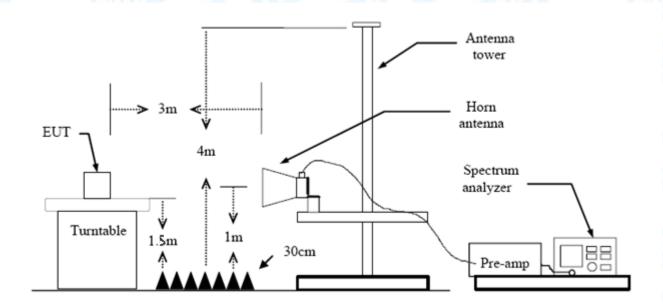
Below 30MHz Test Setup



Below 1000MHz Test Setup



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Above 1GHz Test Setup

5.3 Test Procedure

- (1) 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.
- (2) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (3) 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.
- (4) 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.
- (5) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (6) 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.
- (7) 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.



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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.

Please refer to the Attachment B.



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6. Restricted Bands Requirement

6.1 Test Standard and Limit

6.1.1 Test Standard

FCC Part 15.247(d)

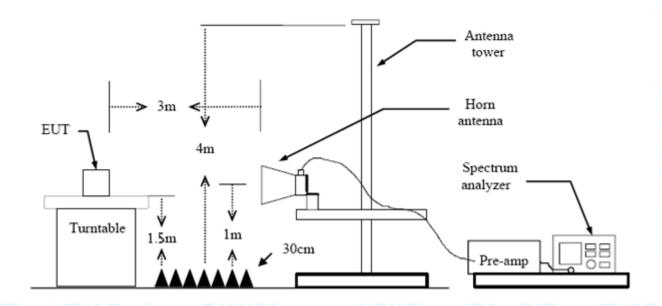
FCC Part 15.209

FCC Part 15.205

6.1.2 Test Limit

Restricted Frequency	Distance of 3m (dBuV/m)				
Band (MHz)	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 and above 1 GHz. The EUT was placed on a rotating 0.8m high above 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.



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(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 refer to the Attachment C.



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7. Bandwidth Test

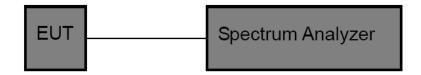
7.1 Test Standard and Limit

7.1.1 Test Standard FCC Part 15.247 (a)(2)

7.1.2 Test Limit

FCC Part 15 Subpart C(15.247)/RSS-210						
Test Item Limit Frequency Range(I						
Bandwidth	>=500 KHz (6dB bandwidth)	2400~2483.5				

7.2 Test Setup



7.3 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) The bandwidth is measured at an amplitude level reduced 6dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst –case (i.e the widest) bandwidth.
- (3)Measure the channel separation the spectrum analyzer was set to Resolution Bandwidth:100 kHz, and Video Bandwidth:300 kHz, Detector: Peak, Sweep Time set auto.

7.4 EUT Operating Condition

The EUT was set to continuously transmitting in each mode and low, Digital photo framesdle and high channel for the test.

7.5 Test Data

Please refer to the Attachment D.



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8. Peak Output Power Test

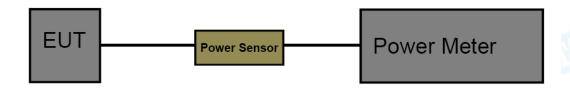
8.1 Test Standard and Limit

8.1.1 Test Standard FCC Part 15.247 (b)

8.1.2 Test Limit

FCC Part 15 Subpart C(15.247)/RSS-210					
Test Item	Limit	Frequency Range(MHz)			
Peak Output Power	1 Watt or 30 dBm	2400~2483.5			

8.2 Test Setup



8.3 Test Procedure

The measurement is according to section 9.1.2 of KDB 558074 D01 DTS Meas Guidance v04. The EUT was connected to RF power meter via a broadband power sensor as show the block above. The power sensor video bandwidth is greater than or equal to the DTS bandwidth of the equipment.

8.4 EUT Operating Condition

The EUT was set to continuously transmitting in the max power during the test.

8.5 Test Data

Please refer to the Attachment E.



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9. Power Spectral Density Test

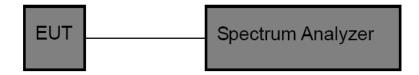
9.1 Test Standard and Limit

9.1.1 Test Standard FCC Part 15.247 (e)

9.1.2 Test Limit

FCC Part 15 Subpart C(15.247)					
Test Item Limit Frequency Range(M					
Power Spectral Density	8dBm(in any 3 kHz)	2400~2483.5			

9.2 Test Setup



9.3 Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v04.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyser center frequency to DTS channel center frequency.
- (3) Set the span to 1.5 times the DTS bandwidth.
- (4) Set the RBW to: 3 kHz(5) Set the VBW to: 10 kHz
- (6) Detector: peak(7) Sweep time: auto
- (8) Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

9.4 EUT Operating Condition

The EUT was set to continuously transmitting in each mode and low, Digital photo framesdle and high channel for the test.

9.5 Test Data

Please refer to the Attachment F.



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10. Antenna Requirement

10.1 Standard Requirement

10.1.1 Standard FCC Part 15.203

10.1.2 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.

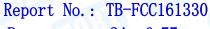
10.2 Antenna Connected Construction

The gains of the antenna used for transmitting is 2.5dBi, 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 a PCB Antenna. It complies with the standard requirement.

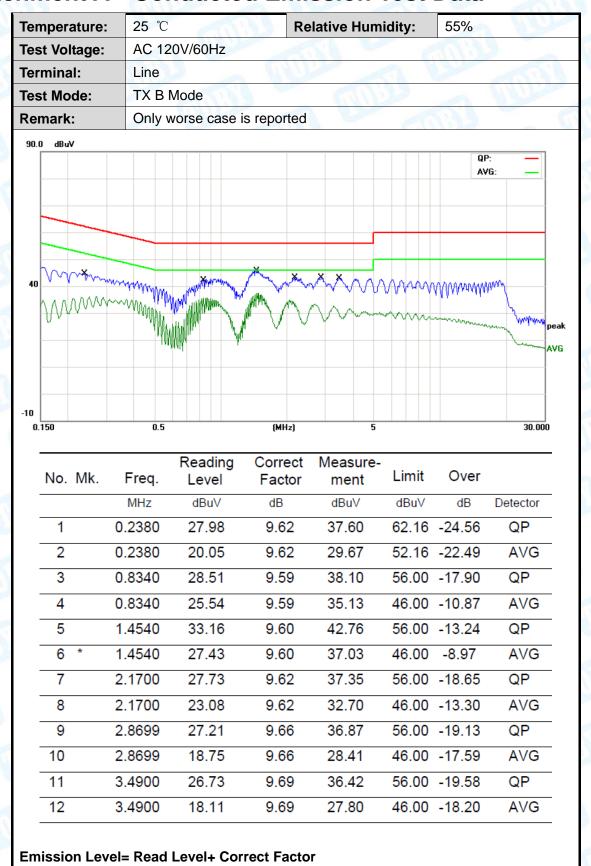
Antenna Type					
No.	⊠Permanent attached antenna	The second			
a music	Unique connector antenna				
	☐Professional installation antenna	Min			



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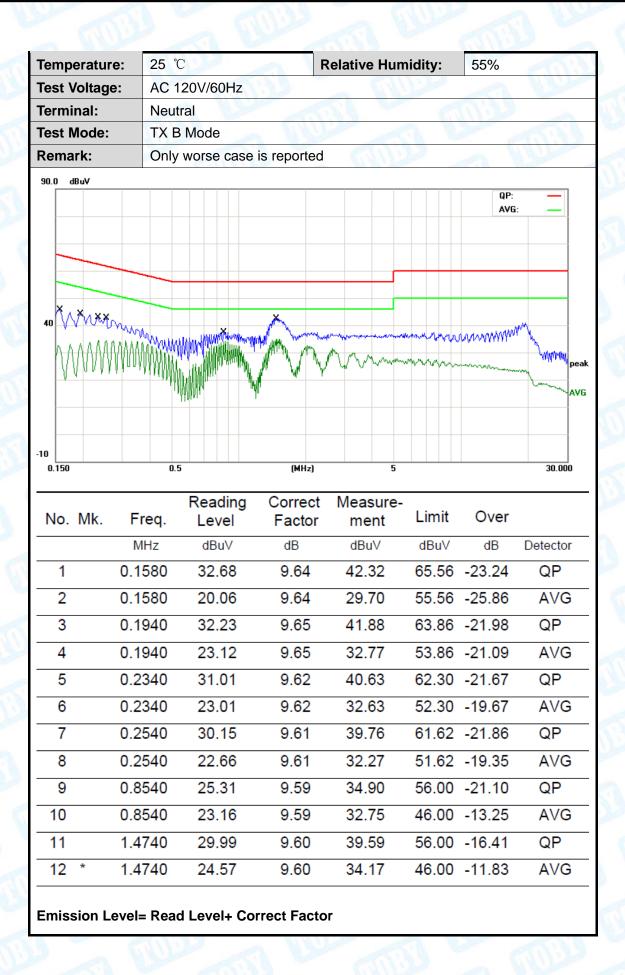


TOBY



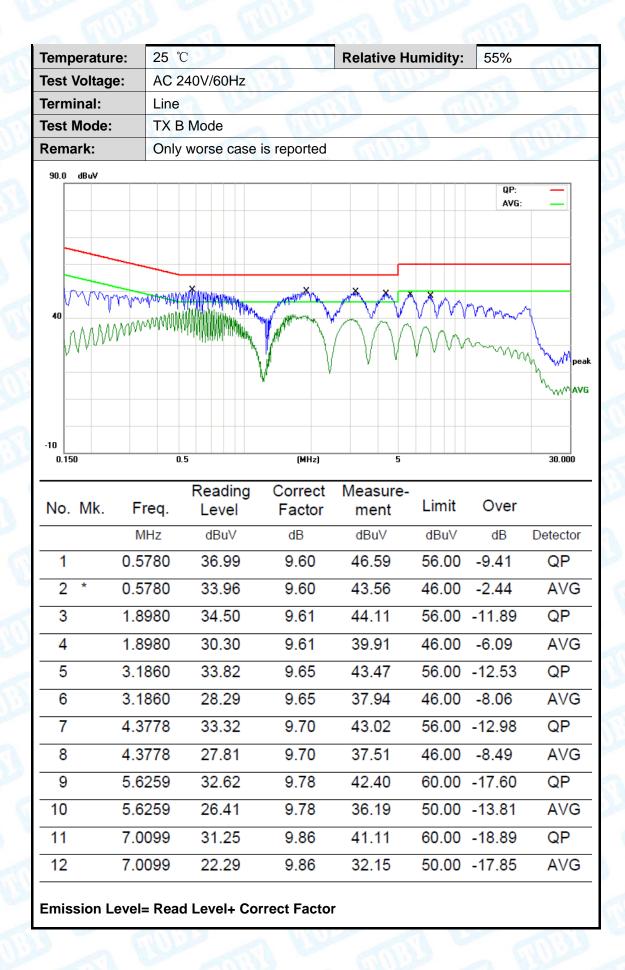


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Temperature:	25 ℃			Relative Hun	nidity:	55%			
Test Voltage:	AC 24	AC 240V/60Hz							
Terminal:	Neutra	ıl		21	6	SE!			
Test Mode:	TXBI	Mode	A MAG		1 6				
Remark:	Only v	orse case	is reported	MILLER					
40 40 -10					****	QP: AVG:	peak		
0.150	0.5	Reading	(MHz) Correct	Measure-			30.000		
No. Mk.	req.	Level	Factor	ment	Limit	Over			
	MHz	dBu∀	dB	dBu∀	dBu∀	dB	Detector		
1 0.	5780	32.58	9.58	42.16	56.00	-13.84	QP		
2 * 0.	5780	30.55	9.58	40.13	46.00	-5.87	AVG		
3 1.	5780	29.87	9.60	39.47	56.00	-16.53	QP		
4 1.	5780	25.17	9.60	34.77	46.00	-11.23	AVG		
5 3.	2300	29.87	9.68	39.55	56.00	-16.45	QP		
6 3.	2300	25.84	9.68	35.52	46.00	-10.48	AVG		
7 4.	4539	29.14	9.81	38.95	56.00	-17.05	QP		
8 4.	4539	24.81	9.81	34.62	46.00	-11.38	AVG		
	8179	28.22	10.07	38.29	60.00	-21.71	QP		
	8179	20.84	10.07	30.91		-19.09	AVG		
	0659	28.13	10.29	38.42		-21.58	QP		
	0659	18.92	10.29	29.21		-20.79	AVG		
Emission Leve	el= Read	Level+ Co	rrect Facto	r					



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Attachment B-- Radiated Emission Test Data

9KHz~30MHz

From 9KHz to 30MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB

below the permissible value has no need to be reported.

30MHz~1GHz

emperatur		25 ℃	0) //5:	01.17		Relative I	Humidity:	55%	A
est Voltage	e:	AC 12		OHZ	1				Tips.
nt. Pol.		Horizo				A. C.		100	
est Mode:				2412N			THIS.		<u>a 1</u>
Remark:		Only v	orse	case is	s reported				
30 1 1 20 30.000 40	50	2 X 60 70	80		3 	4 5	6 	4	ation in -6 dB
No. N	Иk.	Freq.		eading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz		dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detecto
1 *		7.8121		36.84	-18.08	18.76	40.00	-21.24	QP
2	5	6.7917		39.54	-24.01	15.53	40.00	-24.47	QP
3	17	74.424 ²	1 3	36.38	-20.37	16.01	43.50	-27.49	QP
4	22	29.293°	1 :	38.97	-18.33	20.64	46.00	-25.36	QP
5	28	34.9767	7 ;	35.25	-16.49	18.76	46.00	-27.24	QP
6	37	79.914°	1 ;	33.86	-13.20	20.66	46.00	-25.34	QP



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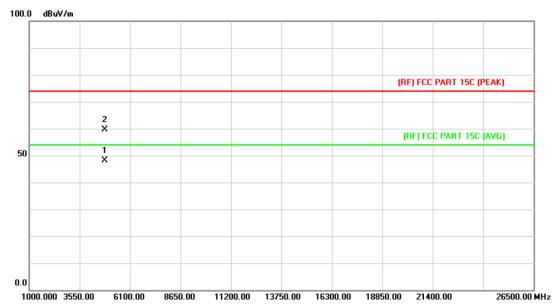
٠ه	perature:	25 ℃		Re	elative Humidi	ty: 55	5%			
Test \	Voltage:	AC 12	20V/60HZ	13			- N	Bre		
۹nt. F	Pol.	Vertic	al	Trill.		Call	1:33			
est l	Mode:	TX B	TX B Mode 2412MHz							
Rema	ark:	Only	worse case	is reported	WIII DE		3 W	N. S.		
80.0	dBuV/m									
-20		2 X	3	*	5 WWW	(RF)FCC 1!	6 X			
30.00	00 40 50	60 70		(MHz)	300	400 50	0 600 700	1000.0		
No	o. Mk. Fi	req.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
	M	lHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detect		
1	* 41.7	7129	49.34	-19.96	29.38	40.00	-10.62	QP		
2	55.6	6094	50.18	-23.87	26.31	40.00	-13.69	QP		
3	87.1	1117	40.78	-22.13	18.65	40.00	-21.35	QP		
	134.	5592	44.87	-22.46	22.41	43.50	-21.09	QP		
4						46.00	-26.27	QP		
4 5		5193	38.33	-18.60	19.73	46.00	-20.27	Q		



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Above 1GHz

Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60HZ	Million				
Ant. Pol.	Horizontal					
Test Mode:	TX B Mode 2412MHz					
Remark:	No report for the emission	which more than 10 dE	B below the prescribed			
	limit.	3 4				

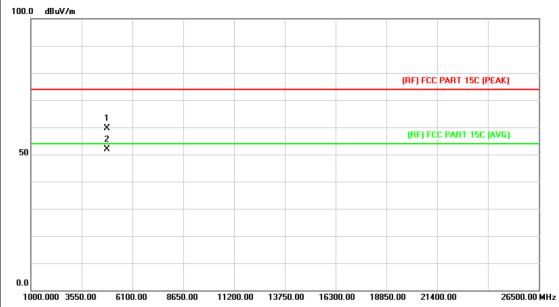


No	. Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4824.030	33.56	14.55	48.11	54.00	-5.89	AVG
2		4824.210	45.10	14.55	59.65	74.00	-14.35	peak



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1	Temperature:	25 ℃	Relative Humidity:	55%			
	Test Voltage:	AC 120V/60HZ					
	Ant. Pol.	115					
	Test Mode:	TX B Mode 2412MHz					
	Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

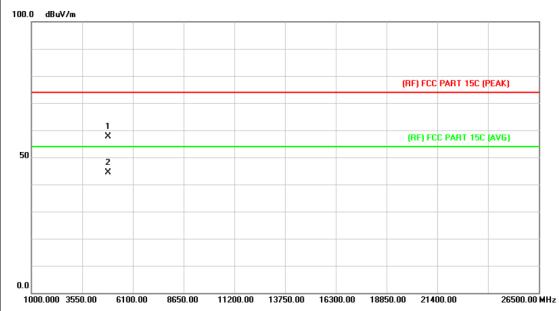


No	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4824.012	45.18	14.55	59.73	74.00	-14.27	peak
2	*	4824.012	37.40	14.55	51.95	54.00	-2.05	AVG



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Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	AC 120V/60HZ				
Ant. Pol.	Horizontal				
Test Mode:					
Remark: No report for the emission which more than 10 dB below the prescribed limit.					

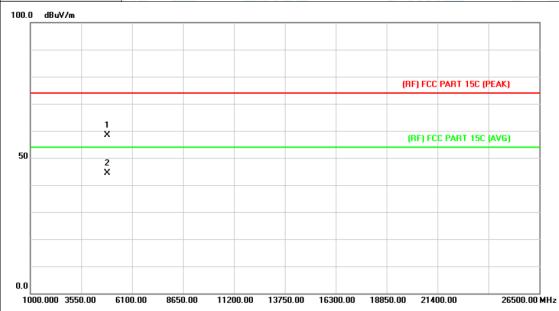


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.850	42.79	14.86	57.65	74.00	-16.35	peak
2	*	4874.408	29.56	14.86	44.42	54.00	-9.58	AVG



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í	Temperature:	25 ℃	Relative Humidity:	55%			
	Test Voltage:	AC 120V/60HZ	AC 120V/60HZ				
	Ant. Pol.	Vertical					
	Test Mode:	TX B Mode 2437MHz	TX B Mode 2437MHz				
	Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

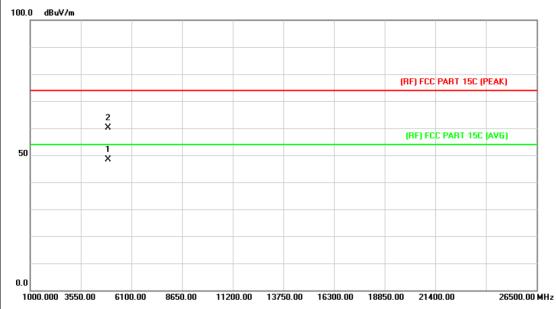


No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.124	43.65	14.85	58.50	74.00	-15.50	peak
2	*	4874.564	29.56	14.86	44.42	54.00	-9.58	AVG



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	Temperature:	25 ℃	Relative Humidity:	55%		
}	Test Voltage:	Horizontal				
	Ant. Pol.					
	Test Mode:					
	Remark: No report for the emission which more than 10 dB below the prescribed limit.					

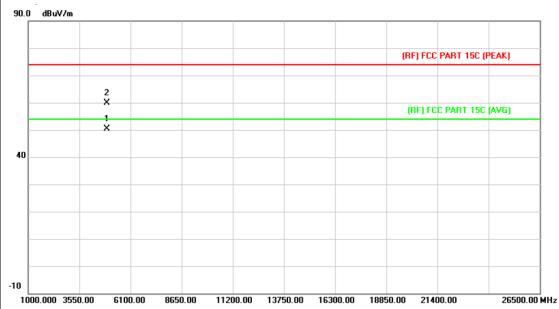


N	o. Mk	. Freq.			Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.952	33.25	15.17	48.42	54.00	-5.58	AVG
2		4924.294	44.86	15.17	60.03	74.00	-13.97	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ					
Ant. Pol.	Vertical	/ertical					
Test Mode:	TX B Mode 2462MHz						
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

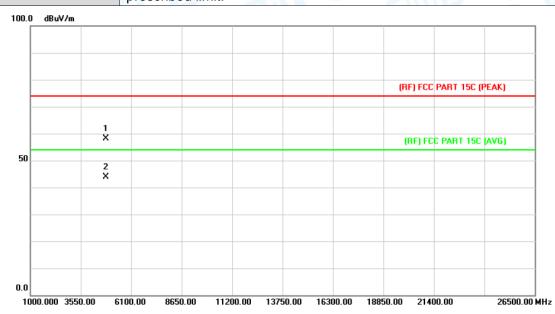


No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.990	36.13	14.15	50.28	54.00	-3.72	AVG
2		4924.030	45.69	14.15	59.84	74.00	-14.16	peak



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í	Temperature:	25 ℃	Relative Humidity:	55%		
	Test Voltage:	AC 120V/60HZ				
Ant. Pol. Horizontal						
	Test Mode:	TX G Mode 2412MHz				
Remark: No report for the emission which more than 10 dB below the prescribed limit.						

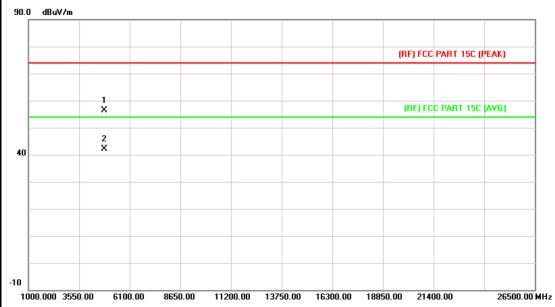


No. Mk.		Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4822.998	43.63	14.55	58.18	74.00	-15.82	peak
2	*	4824.072	29.45	14.55	44.00	54.00	-10.00	AVG



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	Temperature:	25 ℃	Relative Humidity:	55%			
}	Test Voltage:	AC 120V/60HZ	- 1 L				
	Ant. Pol.	Vertical					
	Test Mode:	TX G Mode 2412MHz					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

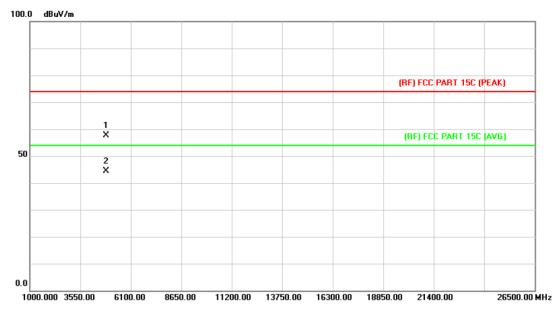


-	No. MI	k. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.962	42.84	13.56	56.40	74.00	-17.60	peak
2	*	4823.962	28.61	13.56	42.17	54.00	-11.83	AVG



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	Temperature:	25 ℃	Relative Humidity:	55%			
	Test Voltage:	AC 120V/60HZ	THE PARTY OF THE P				
	Ant. Pol.	Horizontal	31				
	Test Mode:	TX G Mode 2437MHz					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

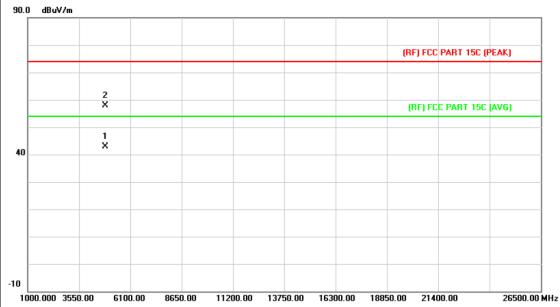


N	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.790	42.77	14.86	57.63	74.00	-16.37	peak
2	*	4873.790	29.49	14.86	44.35	54.00	-9.65	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ					
Ant. Pol.	Vertical	Vertical Vertical					
Test Mode:	TX G Mode 2437MHz	TX G Mode 2437MHz					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							
90.0 dBuV/m							

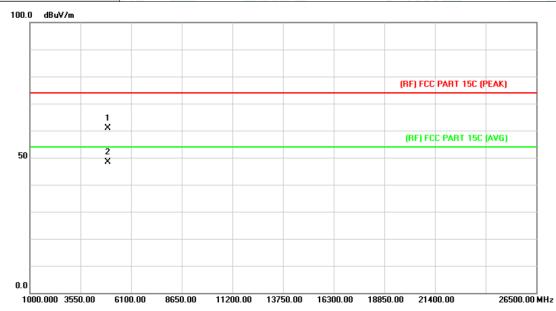


N	o. N	1k.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4	4873.541		13.86	42.88	54.00	-11.12	AVG
2		4	4873.803	44.03	13.86	57.89	74.00	-16.11	peak



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í	Temperature:	25 ℃	Relative Humidity:	55%		
	Test Voltage:	AC 120V/60HZ				
	Ant. Pol.	Horizontal	31 - 6	Tib		
	Test Mode:					
Remark: No report for the emission which more than 10 dB below the prescribed limit.						

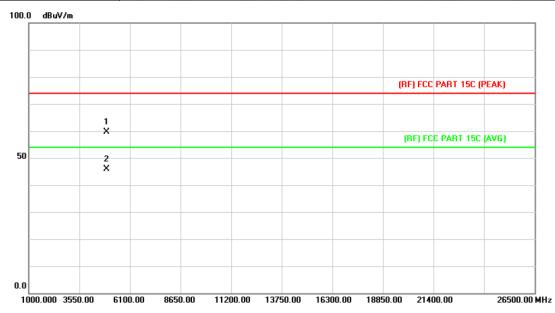


No	. Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4924.030	45.77	15.17	60.94	74.00	-13.06	peak
2	*	4924.030	33.21	15.17	48.38	54.00	-5.62	AVG



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í	Temperature:	25 ℃	Relative Humidity:	55%		
	Test Voltage:	AC 120V/60HZ				
	Ant. Pol.	Vertical	31 - 6	Tib		
	Test Mode:	de: TX G Mode 2462MHz				
Remark: No report for the emission which more than 10 dB below the prescribed limit.						

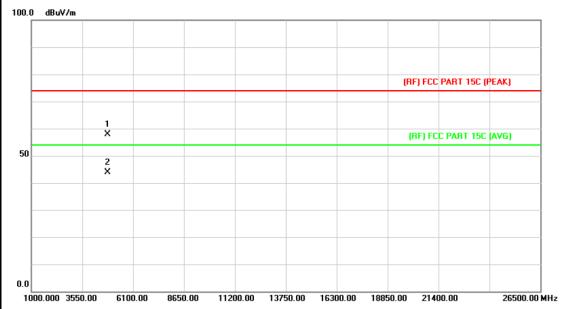


N	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4923.712	44.56	15.17	59.73	74.00	-14.27	peak
2	*	4923.970	30.60	15.17	45.77	54.00	-8.23	AVG



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į	Temperature:	25 ℃	Relative Humidity:	55%			
}	Test Voltage:						
	Ant. Pol.	Horizontal					
	Test Mode:	Нz					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

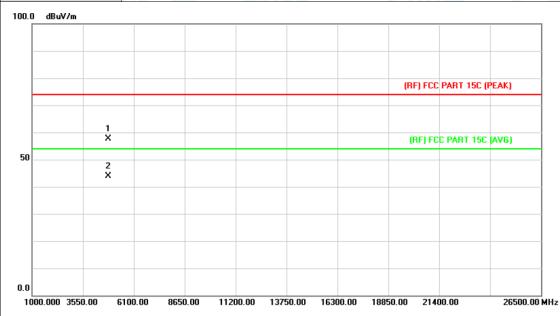


No	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.484	43.40	14.55	57.95	74.00	-16.05	peak
2	*	4823.484	29.30	14.55	43.85	54.00	-10.15	AVG



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_								
Temperatur	e: 25 ℃	Relative Humidity:	55%					
Test Voltage	13							
Ant. Pol.	Vertical	Vertical						
Test Mode:	TX N(HT20) Mode	2412MHz						
Remark: No report for the emission which more than 10 dB below the prescribed limit.								

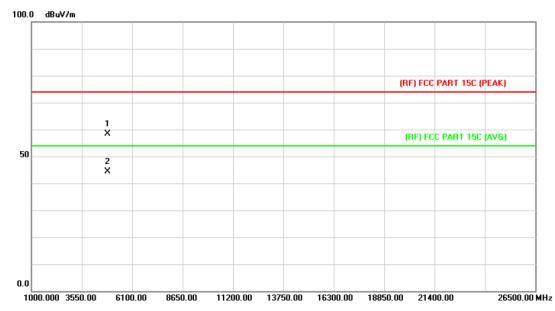


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.514	43.16	14.55	57.71	74.00	-16.29	peak
2	*	4823.592	29.38	14.55	43.93	54.00	-10.07	AVG



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_							
٦	Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage: AC 120V/60HZ							
1	Ant. Pol. Horizontal						
1	Test Mode:	TX N(HT20) Mode 2437MI	Hz				
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

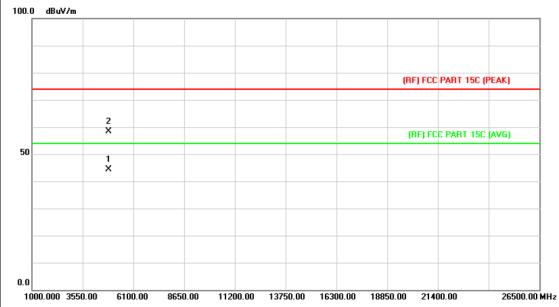


No	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.562	43.41	14.86	58.27	74.00	-15.73	peak
2	*	4874.108	29.55	14.86	44.41	54.00	-9.59	AVG



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Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Vertical	Vertical						
Test Mode:	TX N(HT20) Mode 2437M	Hz						
Remark:	No report for the emission which more than 10 dB below the prescribed limit.							

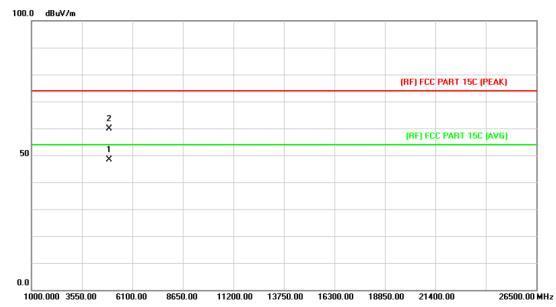


No	. Mk	. Freq.			Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4874.504		14.86	44.42	54.00	-9.58	AVG
2		4875.350	43.55	14.87	58.42	74.00	-15.58	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ						
Ant. Pol.	Horizontal						
Test Mode:	TX N(HT20) Mode 2462MH	z					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

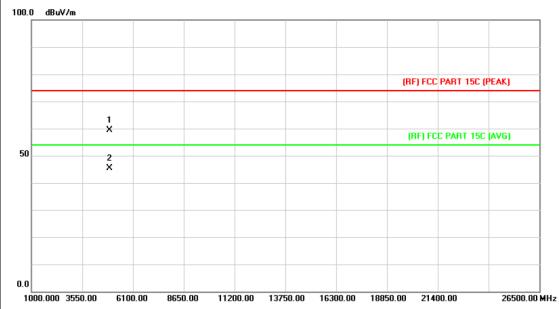


N	o. Mk	. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4924.048	33.22	15.17	48.39	54.00	-5.61	AVG
2		4924.510	44.61	15.17	59.78	74.00	-14.22	peak



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Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Vertical	Vertical						
Test Mode:	TX N(HT20) Mode 24	462MHz						
Remark:	No report for the emission which more than 10 dB below the							
prescribed limit.								
·								



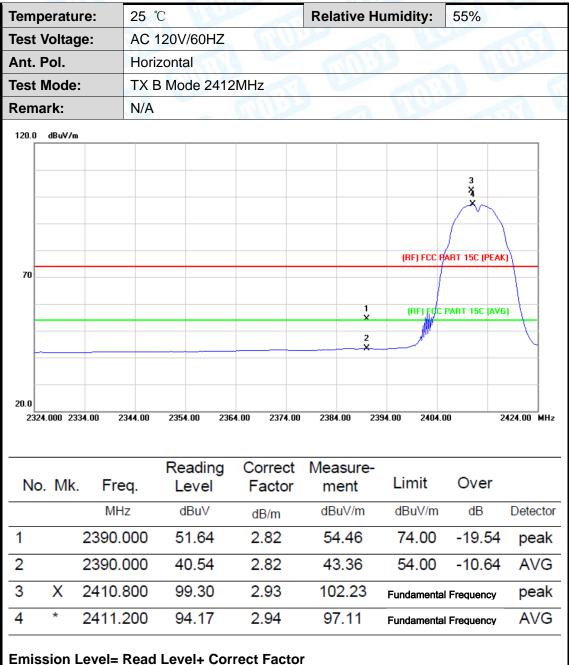
No	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4923.520	44.15	15.17	59.32	74.00	-14.68	peak
2	*	4923.520	30.23	15.17	45.40	54.00	-8.60	AVG



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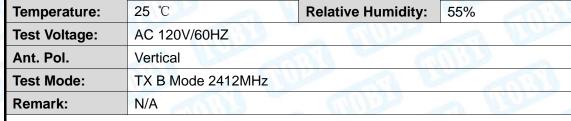
Attachment C-- Restricted Bands Requirement Test Data

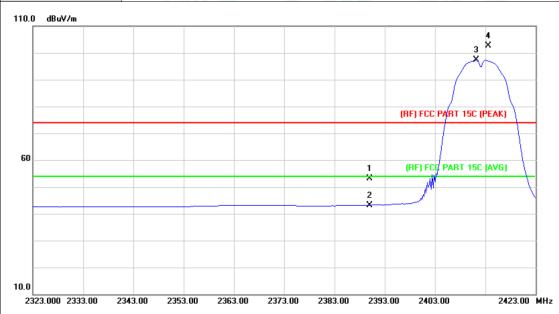
(1) Radiation Test





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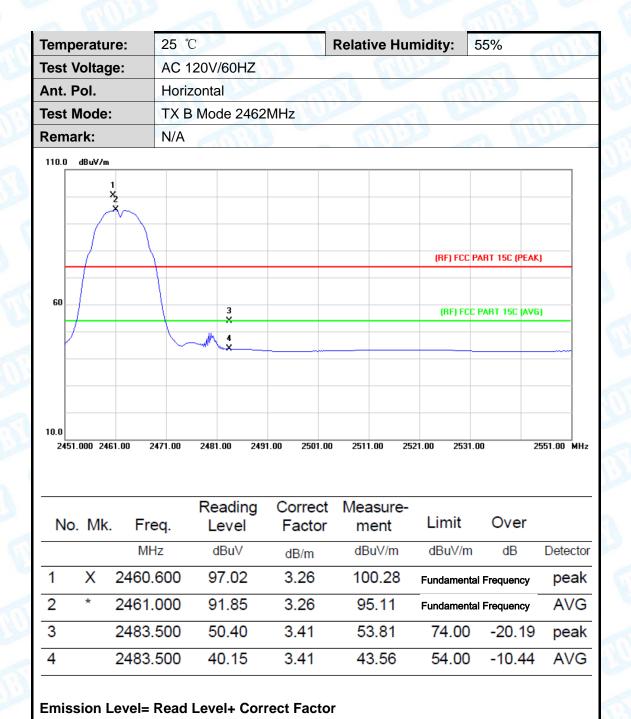




No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	50.34	2.82	53.16	74.00	-20.84	peak
2		2390.000	40.38	2.82	43.20	54.00	-10.80	AVG
3	*	2411.200	94.43	2.94	97.37	Fundamental	Frequency	AVG
4	Χ	2413.600	99.59	2.95	102.54	Fundamental	Frequency	peak



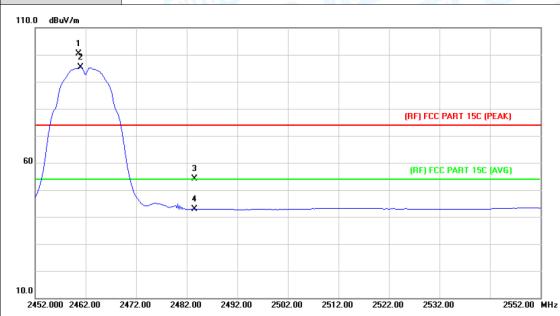
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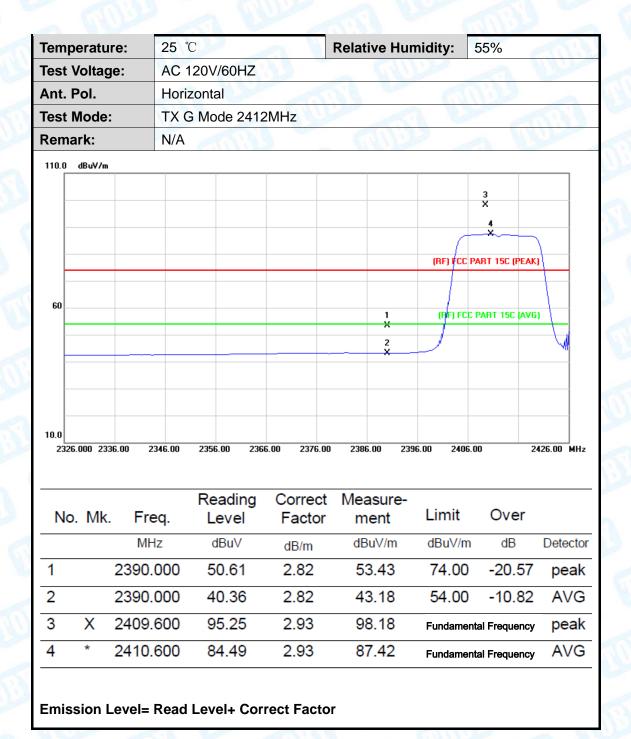
Į.	Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage: AC 120V/60HZ								
	Ant. Pol.	Vertical						
١	Test Mode: TX B Mode 2462MHz							
	Remark:	N/A						



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	Χ	2460.600	97.24	3.26	100.50	Fundamental Frequency		peak
2	*	2461.000	92.06	3.26	95.32	Fundamental Frequency		AVG
3		2483.500	50.78	3.41	54.19	74.00	-19.81	peak
4		2483.500	39.40	3.41	42.81	54.00	-11.19	AVG



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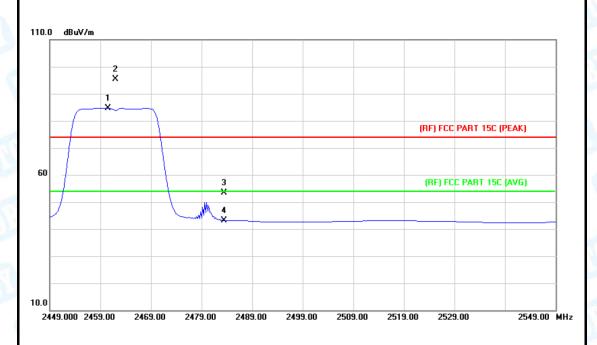
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empe	eratur	e:	25 ℃	C	A V	R	elative H	umidity:	55%	
est V	oltage	e:	AC 1	20V/60H2	Z		CH1	المارا		
Ant. P	ol.		Verti	cal		1	1	(71)	1:39	
est M	lode:		TX G	Mode 24	12MHz					
Remar	k:		N/A	110			THE		a W	A later
110.0	dBuV/m									
									4	
									3 X	
									×	
								(RF) FCC I	PART 15C (PEA	K)
60							1	(R/F) FCC	PART 15C (AV	(G) \
							×			-
-							2 X			M
10.0										
	000 233	6.00 2	346.00	2356.00	2366.00 237	6.00	2386.00 2	396.00 2406.	00	2426.00 MI
No	. Mk	Fr	eq.	Readin Level			leasure- ment	Limit	Over	
		MI	Hz	dBu∀	dB/m		dBuV/m	dBuV/m	dB	Detector
1		2390	.000	50.48	2.82		53.30	74.00	-20.70	peak
2		2390	.000	39.89	2.82		42.71	54.00	-11.29	AVG
	*		400	85.04	2.95		87.99	Fundamental	Frequency	AVG
3	^	2413	.400	05.04	2.00			· anaamonta		



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	Temperature:	25 ℃	Relative Humidity:	55%
	Test Voltage:	AC 120V/60HZ	Million	
	Ant. Pol.	Horizontal		
Ì	Test Mode:	TX G Mode 2462MHz		
	Remark:	N/A		a Millian

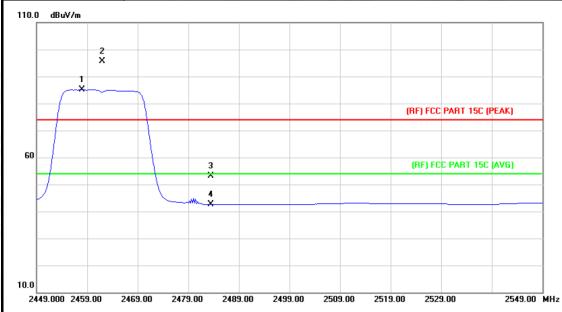


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2460.600	81.44	3.26	84.70	Fundamental	Frequency	AVG
2	Χ	2462.000	91.99	3.27	95.26	Fundamental Frequency		peak
3		2483.500	50.06	3.41	53.47	74.00	-20.53	peak
4		2483.500	39.76	3.41	43.17	54.00	-10.83	AVG



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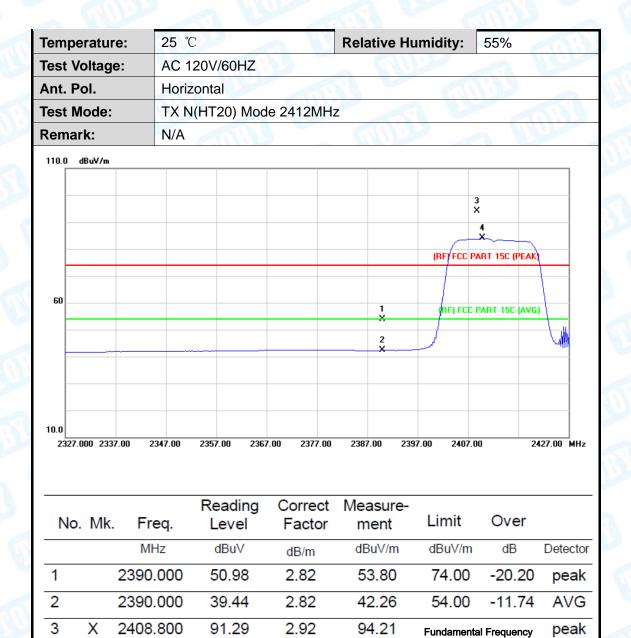
	Temperature:	25 ℃	Relative Humidity:	55%				
	Test Voltage:	AC 120V/60HZ						
	Ant. Pol.	Vertical						
Ì	Test Mode:	TX G Mode 2462MHz						
d	Remark:	N/A	MILLOR	3 Alba				



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2458.000	81.87	3.24	85.11	Fundamental F	Frequency	AVG
2	Χ	2462.000	92.34	3.27	95.61	Fundamental F	Frequency	peak
3		2483.500	49.68	3.41	53.09	74.00	-20.91	peak
4		2483.500	39.17	3.41	42.58	54.00	-11.42	AVG



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Emission Level= Read Level+ Correct Factor

81.10

2.93

84.03

2409.800

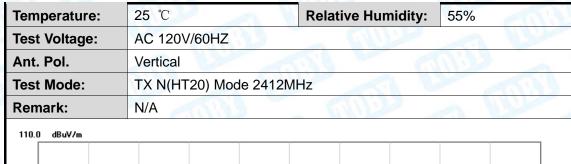
4

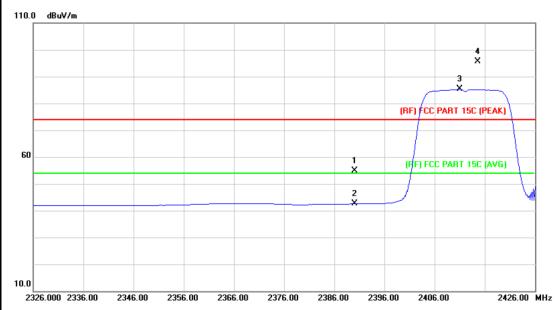
AVG

Fundamental Frequency



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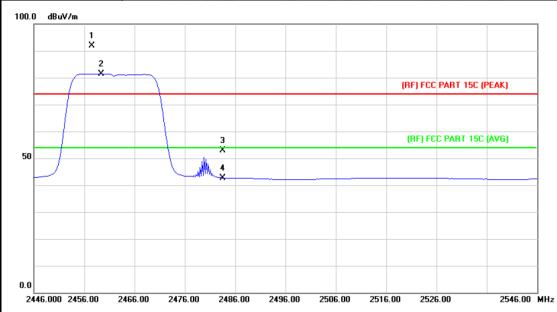


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	52.18	2.82	55.00	74.00	-19.00	peak
2		2390.000	39.73	2.82	42.55	54.00	-11.45	AVG
3	*	2411.000	82.34	2.93	85.27	Fundamental	Frequency	AVG
4	Χ	2414.600	92.59	2.95	95.54	Fundamental	Frequency	peak



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5	Temperature:	25 ℃	Relative Humidity:	55%						
	Test Voltage:	AC 120V/60HZ	AC 120V/60HZ							
Ant. Pol. Horizontal										
Test Mode: TX N(HT20) Mode 2462MHz										
H	Remark:	N/A								

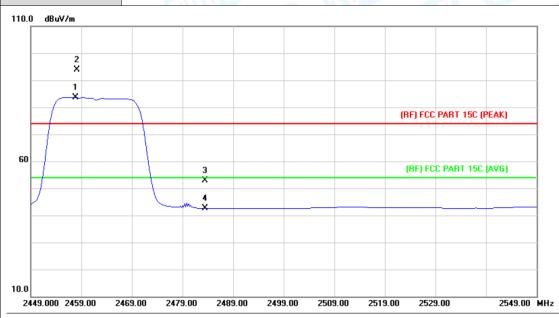


No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	Χ	2457.600	88.75	3.24	91.99	Fundamental Frequency		peak
2	*	2459.400	78.25	3.25	81.50	Fundamental Frequency		AVG
3		2483.500	49.55	3.41	52.96	74.00	-21.04	peak
4		2483.500	39.34	3.41	42.75	54.00	-11.25	AVG



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	Temperature:	25 ℃	Relative Humidity:	55%						
	Test Voltage:	AC 120V/60HZ	AC 120V/60HZ							
	Ant. Pol.	Vertical								
Test Mode: TX N(HT20) Mode 2462MHz										
	Remark:	N/A	MILES	THE PARTY OF						
	110.0 dBuV/m									



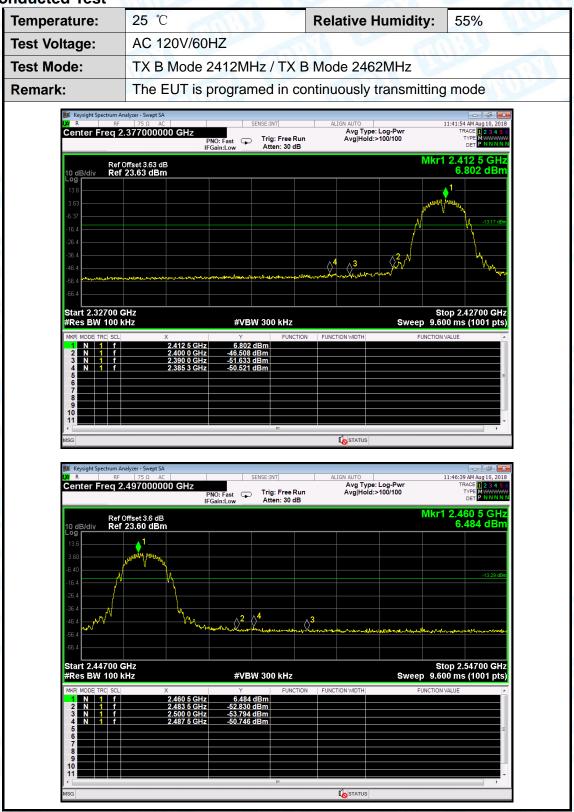
No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2457.800	80.41	3.24	83.65	Fundamenta	I Frequency	AVG
2	X	2458.200	90.74	3.24	93.98	Fundamental Frequency		peak
3		2483.500	49.39	3.41	52.80	74.00	-21.20	peak
4		2483.500	39.15	3.41	42.56	54.00	-11.44	AVG





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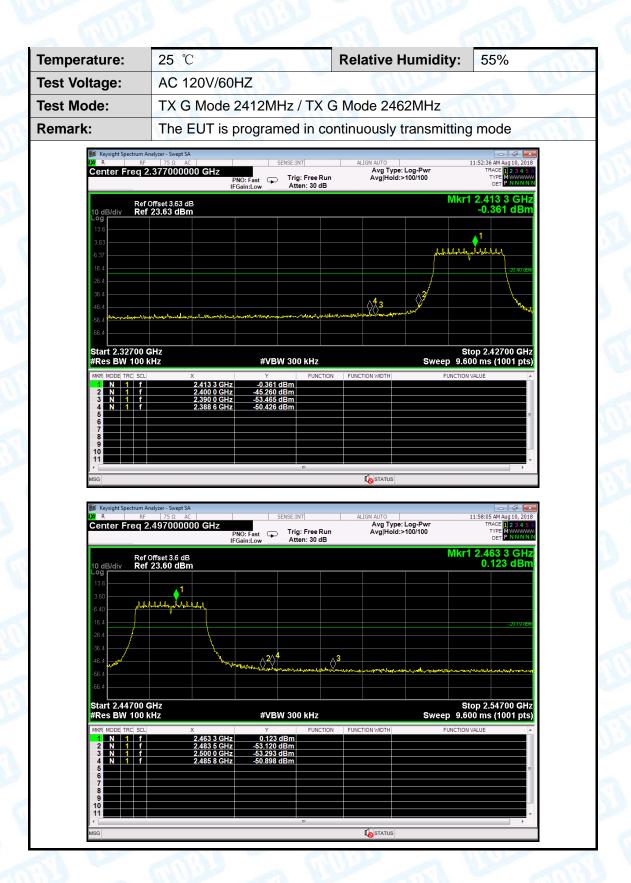
(2) Conducted Test







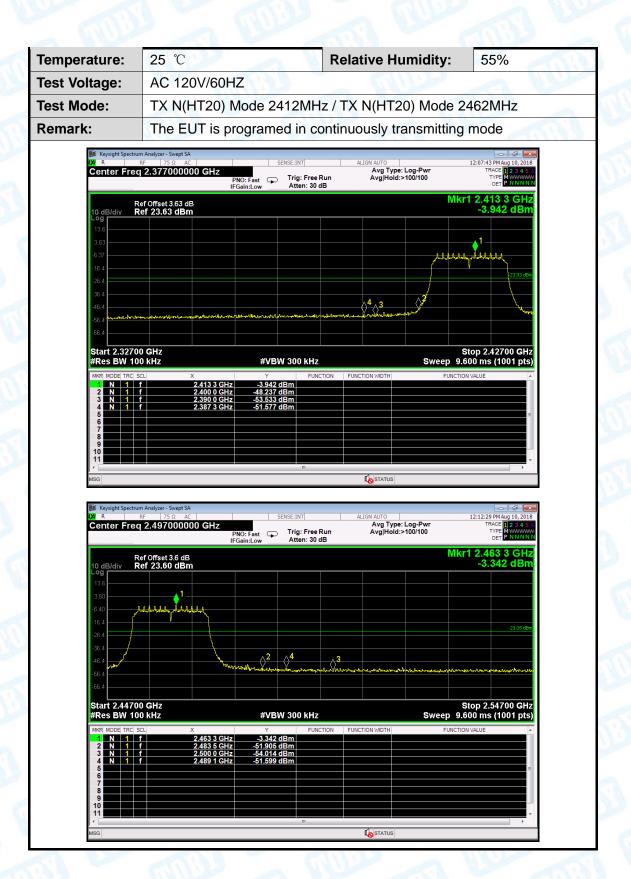
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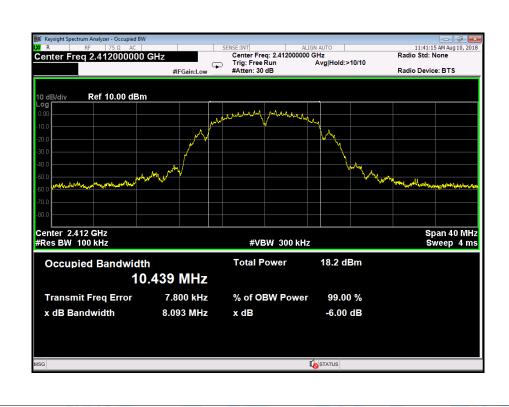
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Attachment D-- Bandwidth Test Data

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60HZ		7:19
Test Mode:	TX 802.11B Mode		
Channel frequen	cy 6dB Bandwidth	99% Bandwidth	Limit
(MHz)	(MHz)	(MHz)	(MHz)
2412	8.093	10.439	
2437	8.076	10.456	>=0.5
2462	8.520	10.429	

802.11B Mode

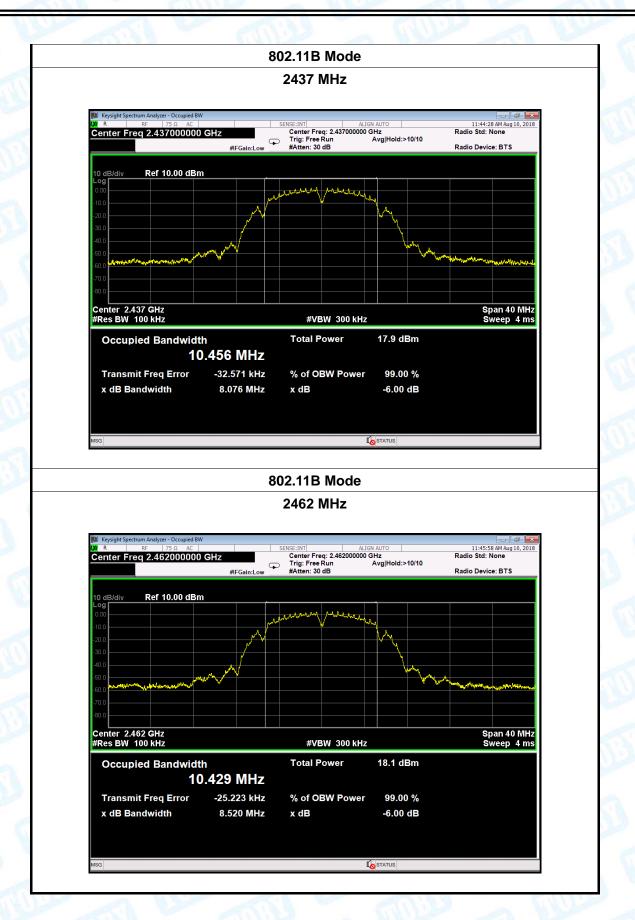
2412 MHz





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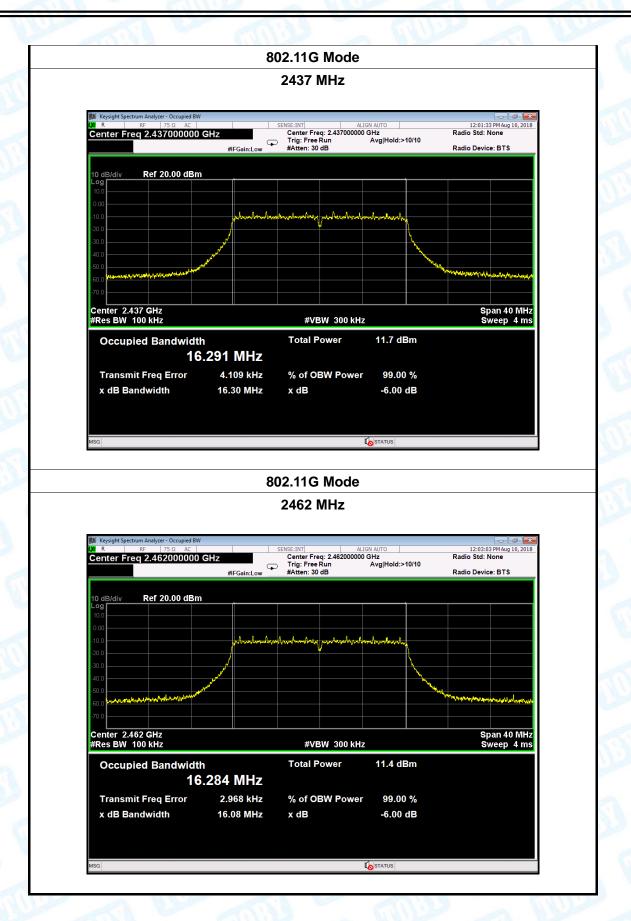
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	25 ℃		Relative Humidity:	55%	
st Voltage:	AC 120V/60HZ				
st Mode:	TX 802	.11G Mode		1119	
annel frequer	ncy	6dB Bandwidth	99% Bandwidth	Limit	
(MHz)		(MHz)	(MHz)	(MHz	
2412		16.08	16.279		
2437		16.30	16.291	>=0.5	
2462		16.08	16.284		
		802.11	G Mode		
		241:	2 MHz		
0.00		a handradandandand	hour we breaken how how he will		
-10.0 -20.0 -30.0 -40.0		annound the second			
-20.0	aghari Langer wang dalam ka	Append I I	N. Samurani	the the second district the second	
-20.0 -30.0 -40.0 -50.0	: GHz		#VBW 300 kHz	Span 40 MHz Sweep 4 ms	
-20.0 -30.0 -40.0 -50.0 -70.0	gHz 0 kHz) Tota		Span 40 MHz	
20 0 -30 0 -40 0 -50 0 -70 0 Center 2.412 #Res BW 10	c GHz 0 kHz d Bandwidth 16	n Tota .279 MHz	#VBW 300 kHz al Power 12.1 dBm	Span 40 MHz	
Center 2.412 #Res BW 10 Occupied	gHz 0 kHz d Bandwidth 16 Freq Error	n Tota . 279 MHz 14.342 kHz % of	#VBW 300 kHz al Power 12.1 dBm f OBW Power 99.00 %	Span 40 MHz	
20 0 -30 0 -40 0 -50 0 -70 0 Center 2.412 #Res BW 10	gHz 0 kHz d Bandwidth 16 Freq Error	n Tota .279 MHz	#VBW 300 kHz al Power 12.1 dBm f OBW Power 99.00 %	Span 40 MHz	
Center 2.412 #Res BW 10 Occupied	gHz 0 kHz d Bandwidth 16 Freq Error	n Tota . 279 MHz 14.342 kHz % of	#VBW 300 kHz al Power 12.1 dBm f OBW Power 99.00 %	Span 40 MHz	



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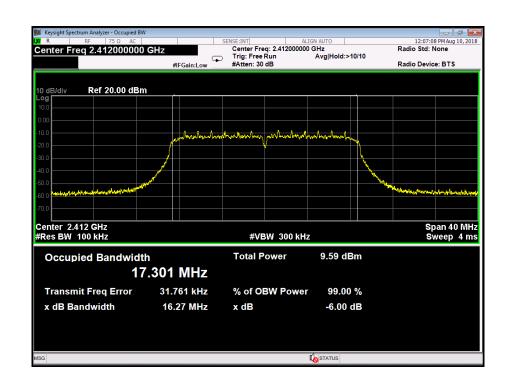




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Temperature:	25 ℃	Relative Humidity:	55%	
Test Voltage:	AC 120V/60HZ			
Test Mode:	TX 802.11N(HT20) Mode			
Channel frequence	y 6dB Bandwidth	99% Bandwidth	Limit	
(MHz)	(MHz)	(MHz)	(MHz)	
2412	16.27	17.301		
2437	16.04	17.322	>=0.5	
2462	2462 16.00			
802.11N(HT20) Mode				

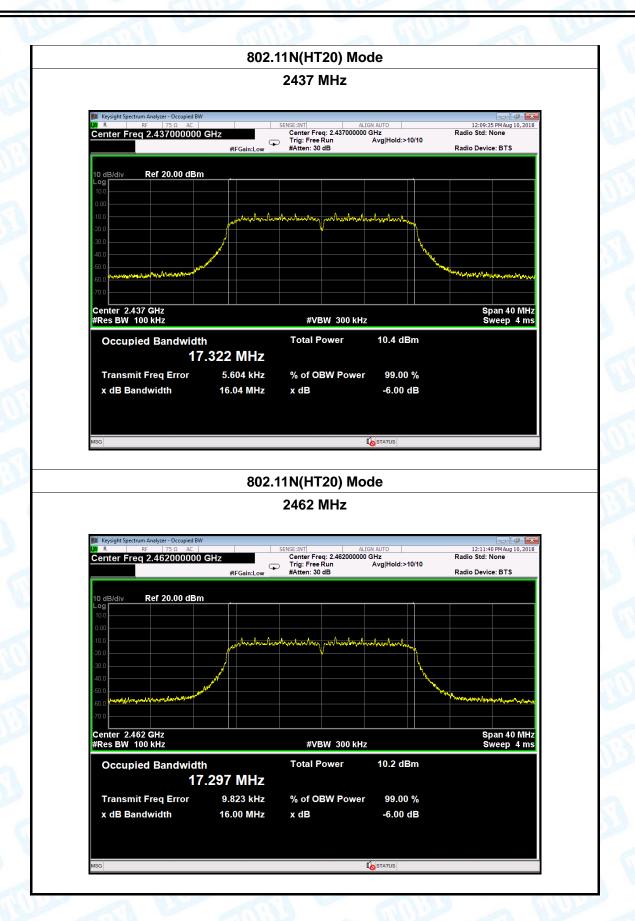
2412 MHz





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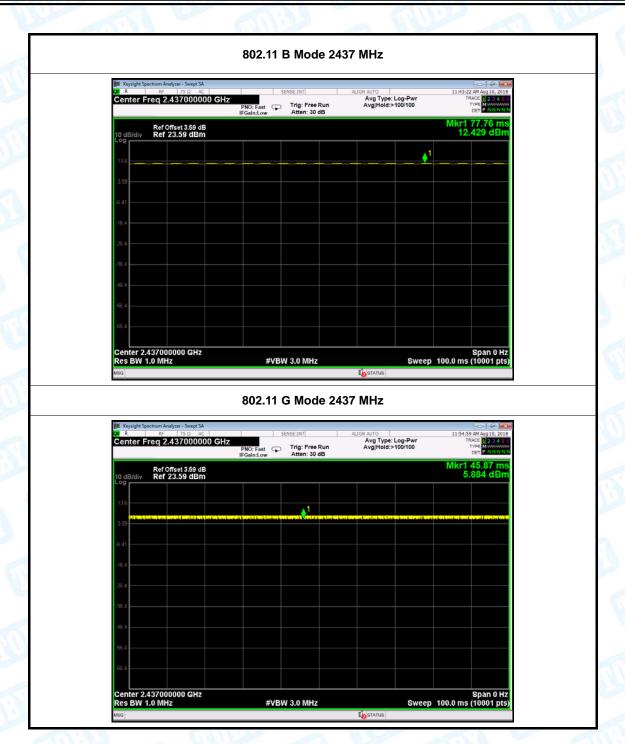
Attachment E-- Peak Output Power Test Data

Test Condition	ns:	Continuous transmitting Mode				
Temperature:	25 °C Relative Humidity: 55		55%			
Test Voltage:		AC 120V/60HZ	MI			
Mode	С	hannel frequency (MHz)	Tes	st Result (dBm)	Limit (dBm)	
		2412		16.60		
802.11b		2437		16.13		
		2462	16.33			
802.11g		2412		14.89		
		2437		14.42	30	
		2462	14.11			
802.11n		2412		12.31		
		2437		13.18		
(HT20)		2462		12.85		
		Resu	ılt: I	PASS		

Duty Cycle				
Mode	Channel frequency (MHz)	Test Result		
	2412			
802.11b	2437			
	2462			
	2412			
802.11g	2437	>98%		
	2462			
000 44	2412			
802.11n (HT20)	2437			
	2462			

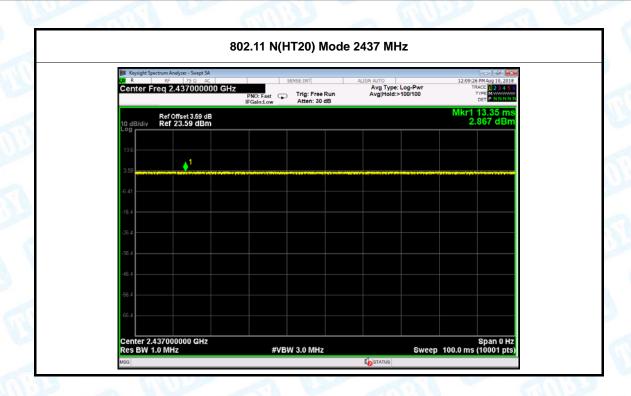


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Attachment F-- Power Spectral Density Test Data

Temperature:	25 ℃		Relative Humidity:	55%
Test Voltage:	AC 120V/60HZ			m:N
Test Mode:	TX 802.11B Mode			
Channel Frequency Power D			ensity	Limit
(MHz)		(dBm/3	kHz)	(dBm/3 kHz)
2412		-7.22	21	
2437 -7.9°		7	8	
2462		-7.29)1	
N. Contraction of the Contractio				

802.11B Mode

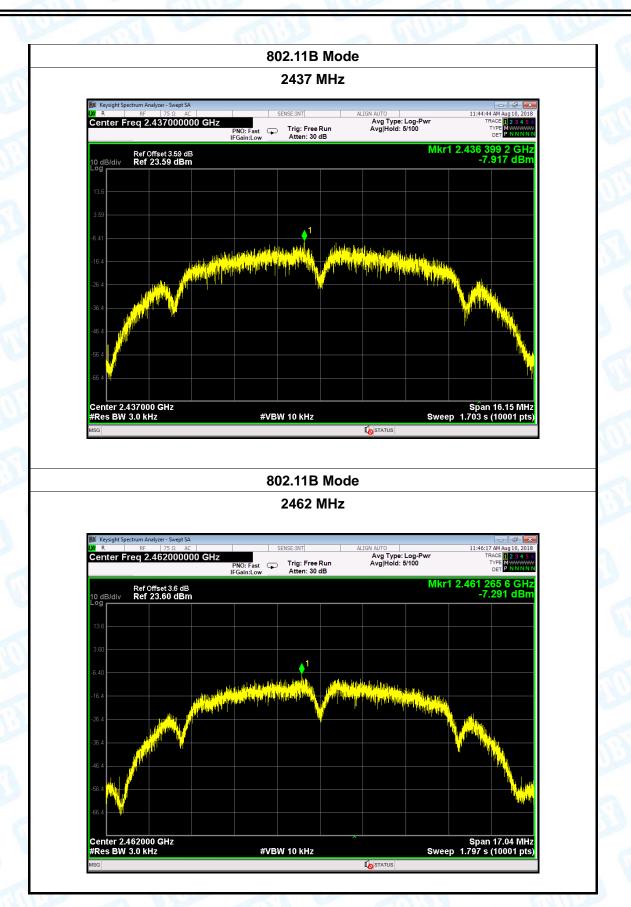
2412 MHz





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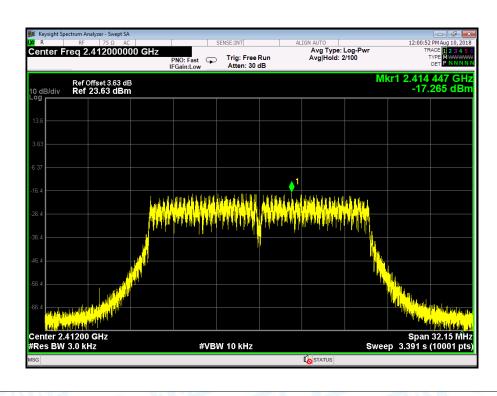




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Temperature:	25 ℃		Temperature:	25 ℃
Test Voltage:	AC 120V/60HZ			
Test Mode:	TX 802.1	1G Mode	1	THE STATE OF THE S
Channel Frequency	uency	Power Dens	sity	Limit
(MHz)		(dBm/3 kH	z)	(dBm/3 kHz)
2412		-17.265		
2437		-16.477	-16.477	
2462		-17.642		
802.11G Mode				

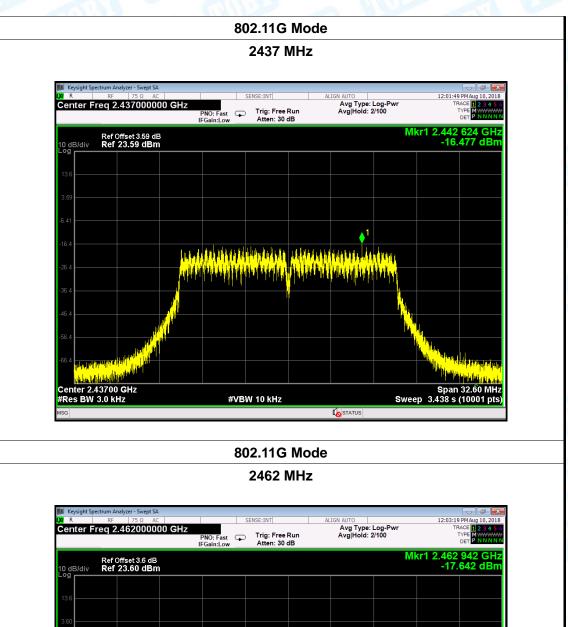
2412 MHz





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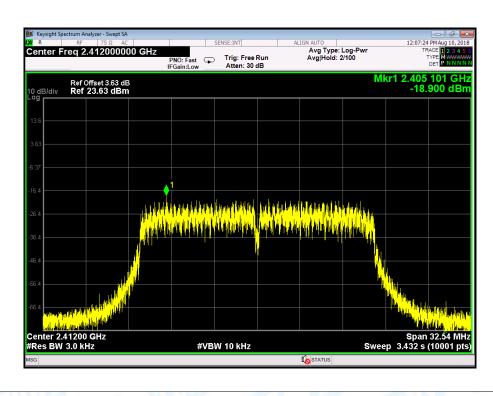




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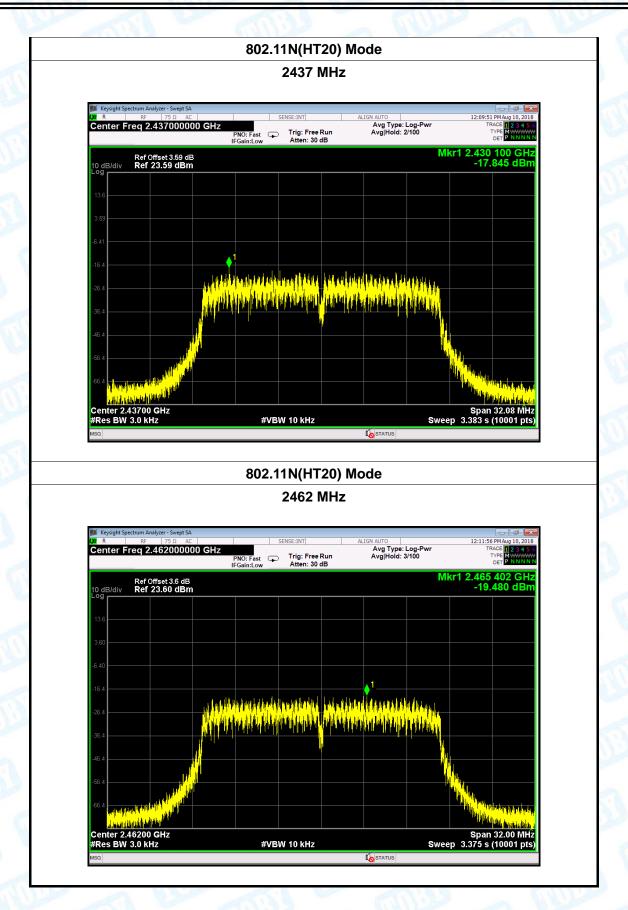
Temperature:	25 ℃	Temperatu		25 ℃	
Test Voltage:	AC 120V/60HZ				
Test Mode:	TX 802.1	TX 802.11N(HT20) Mode			
Channel Freq	uency	lency Power Density Limit			
(MHz)		(dBm/3 kHz)		(dBm/3 kHz)	
2412		-18.90)		
2437		-17.845		8	
2462		-19.480			
802.11N(HT20) Mode					

2412 MHz





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----END OF REPORT----