

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC157635 1 of 192 Page:

FCC Radio Test Report FCC ID: 2AK77-W1

Original Grant

Report No. TB-FCC157635

Shenzhen Yuetu Network Technology Ltd. **Applicant**

Equipment Under Test (EUT)

EUT Name DashCam

Model No. W1

N/A Serial Model No.

Brand Name HaloCam

Receipt Date 2017-12-10

2017-12-11 to 2017-12-25 **Test Date**

Issue Date 2017-12-26

Standards FCC Part 15, Subpart E (15.407:2017)

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

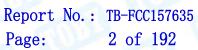
Test/Witness Engineer

Approved&

Authorized

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-FCC157635	Rev.01	Initial issue of report	2017-12-26
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1. General Information about EUT

1.1 Client Information

Applicant: Shenzhen Yuetu Network Technology Ltd.

Address 3/F, Yinjin Industrial Park, Liuxian 2 Road, Bao'an District, Shenzhen,

' Guangdong, China

Manufacturer : Shenzhen Yuetu Network Technology Ltd.

Address : 3/F, Yinjin Industrial Park, Liuxian 2 Road, Bao'an District, Shenzhen,

Guangdong, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	: DashCam					
Models No.	: W1	W1				
OB STORY	Operation Frequency U-NII-1: 5180MHz~5 U-NII-3: 5745MHz~5	240MHz				
Product Description	RF Output Power:	U-NII-1: 802.11a: 12.47dBm 802.11n(HT20): 12.50dBm 802.11n(HT40): 12.33dBm 802.11ac(20): 12.45dBm 802.11ac(40): 12.59dBm 802.11ac(80): 11.96dBm U-NII-3: 802.11a: 7.00dBm 802.11n(HT20): 6.76dBm 802.11n(HT40): 7.04dBm 802.11ac(20): 678dBm 802.11ac(40): 6.97dBm 802.11ac(40): 6.27dBm				
	Antenna Gain:	see note(3)				
	Modulation Type:	802.11a: OFDM (QPSK, BPSK, 16QAM) 802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM)				
	Bit Rate of Transmitter:	802.11a: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 150Mbps 802.11ac: at most 433.3 Mbps				
Power Supply	: DC Voltage Supplied	by Adapter.				



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		DC Supply by the Battery.
Power Rating		Adapter(10FA3-05200U): Input: AC 100-240, 50/60Hz, 0.5-0.3A. Output: DC 5.0V, 2.0A. DC 3.7 V by 4500mAh Li-Lion Battery.
Connecting I/O Port(S)	:	Please refer to the User's Manual

Note: More detailed features description, please refer to the manufacturer's specifications or the User's Manual.

Note:

(1) This Test Report is FCC Part 15, Subpart E(15.407) for 802.11a/n/ac, the test procedure follows the FCC KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

(2) Channel List:

5G Band 5150~5250 MHz (U-NII-1)								
Frequency Band Channel No. Frequency Channel No. Frequency								
	36	5180 MHz	44	5220 MHz				
5180~5240 MHz	38	5190 MHz	46	5230 MHz				
Band 1	40	5200 MHz	48	5240 MHz				
	42	5210 MHz						

Remark:

For 20 MHz Bandwidth, use channel 36, 40, 44, 48.

For 40 MHz Bandwidth, use channel 38, 46.

For 80 MHz Bandwidth, use channel 42.

5G Band 5745~5825 MHz(U-NII-3)					
Frequency	Channel No.	Frequency	Channel No.	Frequency	
Band					
	149	5745 MHz	157	5785 MHz	
5745~5825 MHz	151	5755 MHz	159	5795 MHz	
Band 4	153	5765 MHz	161	5805 MHz	
	155	5775 MHz	165	5825 MHz	

Remark:

For 20 MHz Bandwidth, use channel 149, 153, 157, 161, 165.

For 40 MHz Bandwidth, use channel 151, 159.

For 80 MHz Bandwidth, use channel 155.



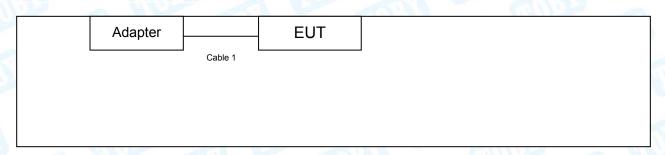
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(3) Antenna information:

Ant.	Model Name	Antenna Type	BAND(MHz)	Gain(dBi)
1	N/A	FPC Ant.	5150-5825	7

1.3 Block Diagram Showing the Configuration of System Tested

USB Charging Mode



TX Mode

	EUT		
		J	

1.4 Description of Support Units

Equipment Information					
Name Model FCC ID/VOC Manufacturer Used "-					
Dir.	More		33 - 6	0000	
		Cable Information			
Number	Shielded Type	Ferrite Core	Length	Note	
Cable 1	NO	NO	3.0M		



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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.

		F	or Conducted Test		
Final Test Mode Descrip		Descrip	ption		
Mode 1 TX 802.			.11a Mode		
		F	or Radiated Test		
Test Band	Final Tes	t Mode	Description		
1111	Mod	e 2	TX Mode 802.11a Mode Channel 36/40/48		
	Mode 3		TX Mode 802.11n(HT20) Mode Channel 36/40/48		
LLNULA	Mod	e 4	TX Mode 802.11n(HT40) Mode Channel 38/46		
U-NII-1	Mod	e 5	TX Mode 802.11ac(20) Mode Channel 36/40/48		
	Mode	e 6	TX Mode 802.11ac(40) Mode Channel 38/46		
	Mod	e 7	TX Mode 802.11ac(80) Mode Channel 42		
	Mod	e 8	TX Mode 802.11a Mode Channel 149/157/165		
	Mode 9		TX Mode 802.11n(HT20) Mode Channel 149/157/165		
LI NIII O	Mode	e 10	TX Mode 802.11n(HT40) Mode Channel 151/159		
U-NII-3	Mode 11		TX Mode 802.11ac(20) Mode Channel 149/157/165		
	Mode	12	TX Mode 802.11ac(40) Mode Channel 151/159		
	Mode		TX Mode 802.11ac(80) Mode Channel 155		

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:

802.11a Mode: OFDM (6 Mbps) 802.11n (HT20) Mode: MCS 8 802.11n (HT40) Mode: MCS 8 802.11a(20) Mode: MCS 1/Nss2 802.11a(40) Mode: MCS 1/Nss2 802.11a(80) Mode: MCS 1/Nss2

- (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.



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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		CMD.exe				
U-NII-1						
Mode:	5180MHz	5200MHz	5240MHz			
IEEE 802.11a	DEF	DEF	DEF			
IEEE 802.11n (HT20)	DEF	DEF	DEF			
IEEE 802.11ac (20)	DEF	DEF	DEF			
Mode:	5190MHz	5230MHz				
IEEE 802.11n (HT40)	DEF	DEF				
IEEE 802.11ac (40)	DEF	DEF				
Mode:	5210MHz					
IEEE 802.11ac (80)	DEF					
	1-U	NII-3				
Mode:	5745MHz	5785MHz	5825MHz			
IEEE 802.11a	DEF	DEF	DEF			
IEEE 802.11n (HT20)	DEF	DEF	DEF			
IEEE 802.11ac (20)	DEF	DEF	DEF			
Mode:	5755MHz	5795MHz				
IEEE 802.11n (HT40)	DEF	DEF				
IEEE 802.11ac (40)	DEF	DEF				
Mode:	5775MHz					
IEEE 802.11ac (80)	DEF					



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1.7 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.: (854351)

The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number is 854351.

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.

May 22, 2014 certificated by TUV Rheinland(China) Co., Ltd. with TUV certificate No.: UA 50282953 0001 and report No.: 17026822 002. The certificate is valid until the next scheduled audit or up to 18 months, at the discretion of TUV Rhineland.



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2. Test Summary

	FCC Pa	rt 15 Subpart E(15.407)/RSS-210: 2	2010	
Standard Section		Tool Home	Ludamaant	Daniel
FCC	IC	Test Item	Judgment	Remark
15.203	1	Antenna Requirement	PASS	N/A
15.207	RSS-GEN 7.2.4	Conducted Emission	PASS	N/A
15.407(b)	RSS-GEN 7.2.2	Band Edge Emissions	PASS	N/A
15.407(a)	RSS-24 A.9.2	26dB Bandwidth&99% Bandwidth	PASS	N/A
15.407(e)	RSS-210 A.9.2	6dB Bandwidth(only for UNII-3)	PASS	N/A
15.407(a)	RSS-210 A.9.2	Peak Output Power	PASS	N/A
15.407(a)	RSS-210 A.9.2	Power Spectral Density	PASS	N/A
15.407(b)	RSS-210 A.9.2	Transmitter Radiated Spurious Emission	PASS	N/A
15.407(a)	RSS-210 A.9.2	Peak Excursion	PASS	N/A
15.407(g)	RSS-210 A.9.2	Frequency Stability	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. 20, 2017	Jul. 19, 2018
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 20, 2017	Jul. 19, 2018
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 20, 2017	Jul. 19, 2018
LISN	Rohde & Schwarz	ENV216	101131	Jul. 20, 2017	Jul. 19, 2018
Radiation Emission	n Test		-		
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 20, 2017	Jul. 19, 2018
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 20, 2017	Jul. 19, 2018
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar.25, 2017	Mar. 24, 2018
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar.25, 2017	Mar. 24, 2018
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.24, 2017	Mar. 23, 2018
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar.24, 2017	Mar. 23, 2018
Loop Antenna	Laplace instrument	RF300	0701	Mar.24, 2017	Mar. 23, 2018
Pre-amplifier	Sonoma	310N	185903	Mar.24, 2017	Mar. 23, 2018
Pre-amplifier	HP	8449B	3008A00849	Mar.25, 2017	Mar. 24, 2018
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.24, 2017	Mar. 23, 2018
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conducte	ed Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 20, 2017	Jul. 19, 2018
Spectrum Analyzer	Rohde & Schwarz	ESCI	100010/007	Jul. 20, 2017	Jul. 19, 2018
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
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Oct. 26, 2017	Oct. 25, 2018
NE FUWEI SEIISUE	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

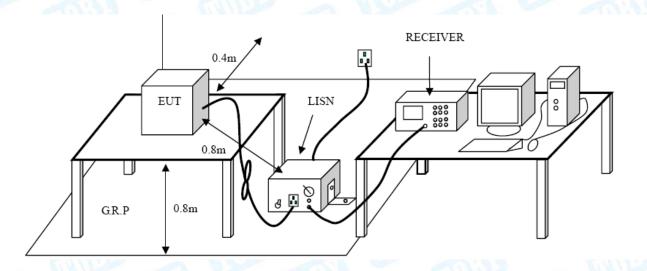
Conducted Emission Test Limit

Eroguenov	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





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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 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 (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	Distance Meters(at 3m)		
(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)

Limits of unwanted emission out of the restricted bands

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
The state of the s	-27(Note 2)	68.3
5705 5005	10(Note 2)	105.3
5725~5825	15.6(Note 2)	110.9
THE PARTY OF THE P	27(Note 2)	122.3



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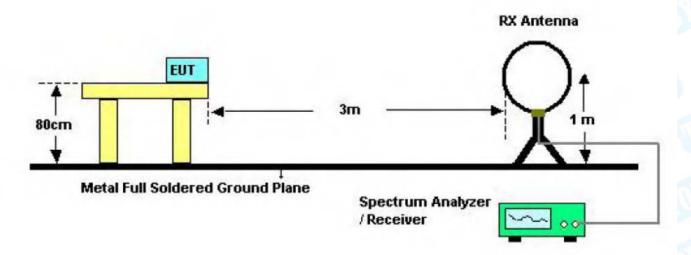
NOTE:

1, The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$\text{E=}\frac{1000000\sqrt{30P}}{3}\,\text{uV/m, where P is the eirp (Watts)}$$

2, According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below theband edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above orbelow the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

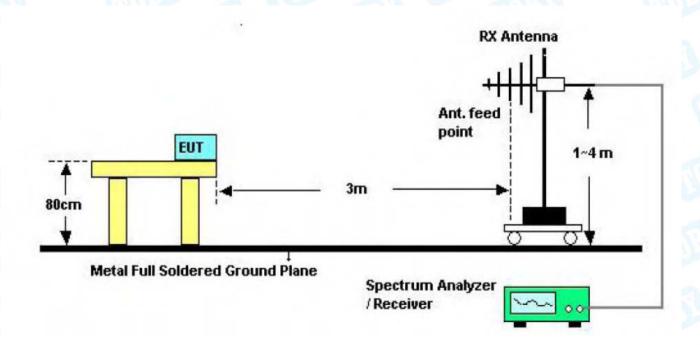
5.2 Test Setup



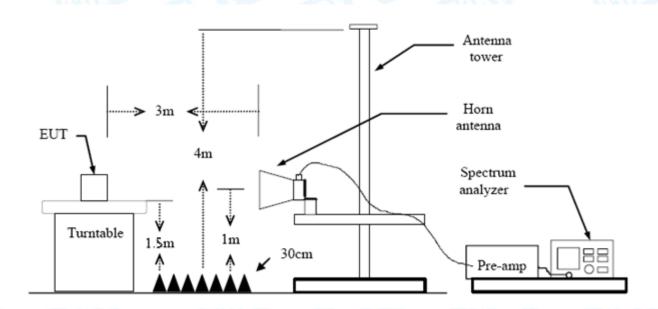
Below 30MHz Test Setup



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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



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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.

Please refer to the Attachment B.



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6. Band Edge Emissions

6.1 Test Standard and Limit

6.1.1 Test Standard FCC Part 15.407(b)

6.1.2 Test Limit

Limits of unwanted emission out of the restricted bands

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
	-27(Note 2)	68.3
5705 5005	10(Note 2)	105.3
5725~5825	15.6(Note 2)	110.9
	27(Note 2)	122.3

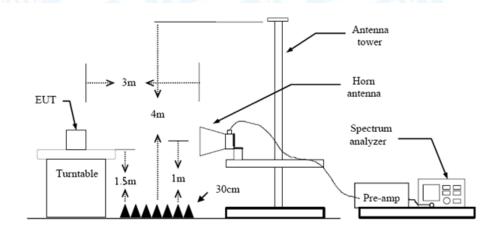
NOTE:

1, The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

2, According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below theband edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above orbelow the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

6.2 Test Setup





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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 refer to the Attachment C.



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7. Bandwidth Test

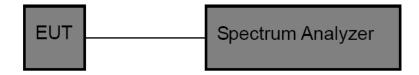
7.1 Test Standard and Limit

7.1.1 Test Standard FCC Part 15.407

7.1.2 Test Limit

FCC Part 15 Subpart C(15.407)/RSS-210				
Test Item	Limit	Frequency Range (MHz)		
26 Bandwidth	N/A	5150~5250		
		5250~5350		
		5500~5700		
6 dB Bandwidth	>500kHz	5725~5850		

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 setting of the spectrum analyser as below:

26dB Bandwidth Test			
Spectrum Parameters	Setting		
Attenuation	Auto		
Span	>26 dB Bandwidth		
RBW	Approximately 1% of the emission bandwidth		
VBW	VBW>RBW		
Detector	Peak		
Trace	Max Hold		
Sweep Time	Auto		



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6dB Bandwidth Test			
Spectrum Parameters	Setting		
Attenuation	Auto		
Span	>6 dB Bandwidth		
RBW	100 kHz		
VBW	VBW>=3*RBW		
Detector	Peak		
Trace	Max Hold		
Sweep Time	Auto		
	99% Occupied Bandwidth Test		
Spectrum Parameters Setting			
Attenuation	Auto		
RBW	1% to 5% of the OBW		
VBW	≥ 3RBW		
Detector	Peak		
Trace	Max Hold		

7.4 EUT Operating Condition

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

7.5 Test Data

Please refer to the Attachment D.



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8. Output Power Test

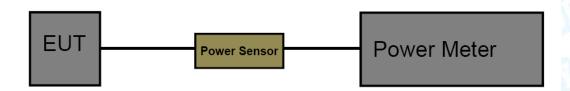
8.1 Test Standard and Limit

8.1.1 Test Standard FCC Part 15.407 (a)

8.1.2 Test Limit

FCC Part 15 Subpart E(15.407)/RSS-210				
Test Item	Limit	Frequency Range(MHz)		
TO TO	Fixed: 1 Watt (30dBm) Mobile and Portable: 250mW (24dBm)	5150~5250		
Conducted Output Power	250mW (24dBm)	5250~5350		
	250mW (24dBm)	5500~5700		
	1 Watt (30dBm)	5725~5850		

8.2 Test Setup



8.3 Test Procedure

The measurement is according to section 3 of KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

The EUT was connected to RF power meter via a broadband power sensor as show the block above.

8.4 EUT Operating Condition

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

8.5 Test Date

Please refer to the Attachment E.



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9. Power Spectral Density Test

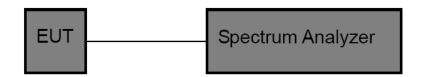
9.1 Test Standard and Limit

9.1.1 Test Standard FCC Part 15.407 (a)

9.1.2 Test Limit

FCC Part 15 Subpart E(15.407)					
Test Item	Limit	Frequency Range(MHz)			
Power Spectral Density	Other than Mobile and Portable : 17dBm/MHz Mobile and Portable : 11dBm/MHz	5150~5250			
	11dBm/MHz	5250~5350			
	11dBm/MHz	5500~5700			
	30dBm/510kHz	5725~5850			

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 is according to KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyser centre frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW)(alternatively, the entire 99% OBW) of the signal.

(4) Set the RBW to: 1 MHz (5) Set the VBW to: 3 MHz

(6) Detector: RMS(7) Trace: Max Hold(7) Sweep time: auto

(8) Trace average at least 100 traces in power averaging.



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(9) User the peak marker function to determine the maximum amplitude level within the RBW. Apply correction to the result if different RBW is used.

9.4 EUT Operating Condition

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

9.5 Test Data

Please refer to the Attachment F.



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10. Frequency Stability Measurement

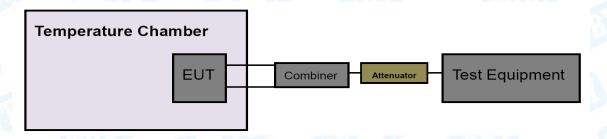
10.1 Test Standard and Limit

10.1.1 Test Standard FCC Part 15.407

10.1.2 Test Limit

FCC Part 15 Subpart C(15.407)								
Test Item	Limit	Frequency Range(MHz)						
	Specified in the user's manual, the transmitter	5150~5250						
Peak Excursion	center frequency tolerance shall be ±20	5250~5350						
Measurement	ppm maximum for the 5 GHz band (IEEE 802.11n	5500~5700						
	specification)	5725~5850						

10.2 Test Setup



10.3 Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
 - (2) Set analyser centre frequency to transmitting frequency.
 - (3) Set the span to encompass the entire emissions bandwidth (EBW) of the signal.
 - (4) Set the RBW to: 10 kHz, VBW=10 kHz with peak detector and maxhold settings.
 - (5) The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- (6) Extreme temperature is 0°C~50°C

10.4 EUT Operating Condition

The EUT was set to continuously transmitting in continuously un-modulation transmitting mode.



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10.5 Test Data

Please refer to the Attachment G.



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11. Antenna Requirement

11.1 Standard Requirement

11.1.1 Standard FCC Part 15.203

11.1.2 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.

11.2 Antenna Connected Construction

The directional gains of the antenna used for transmitting is 7dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

11.3 Result

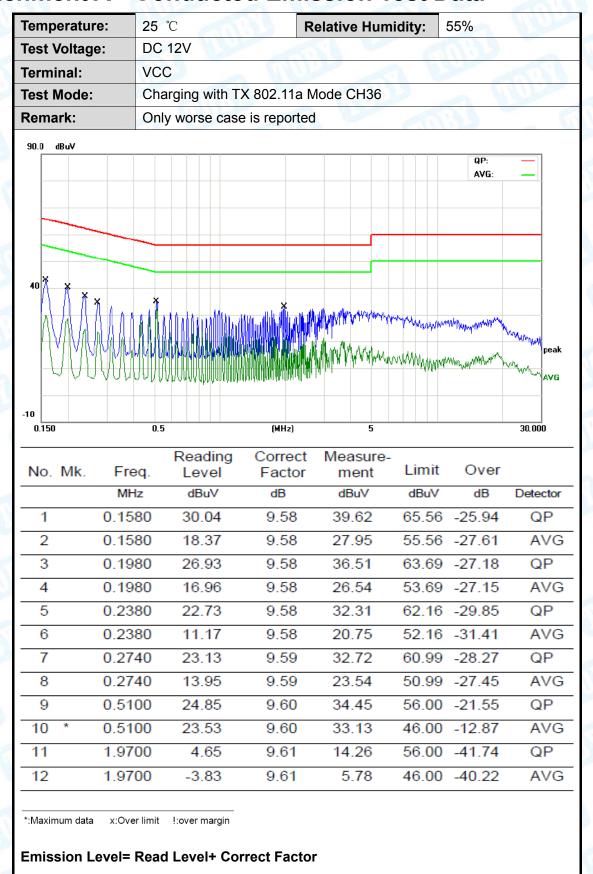
The EUT antennas are FPC Antenna. It complies with the standard requirement.

Antenna Type						
☐Permanent attached antenna						
⊠Unique connector antenna	MILES TO THE					
☐Professional installation antenna	THE REAL PROPERTY.					



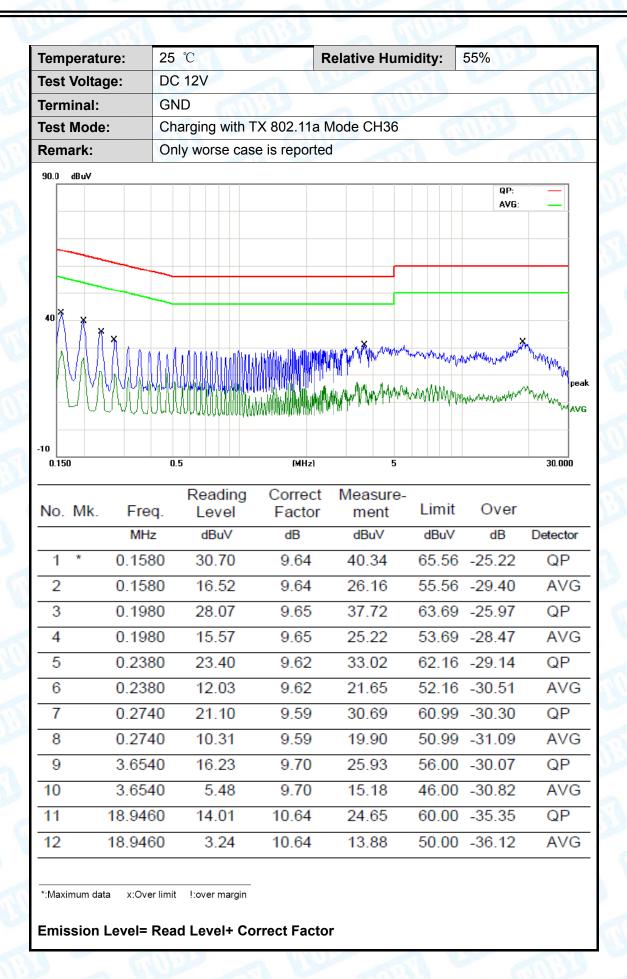


Attachment A-- Conducted Emission Test Data





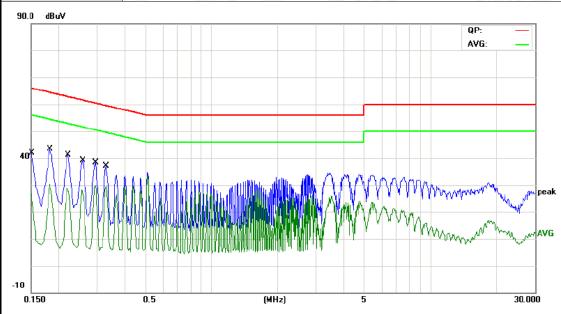
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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 24V	The state of the s	600
Terminal:	VCC		73 100
Test Mode:	Charging with TX 802.1	1a Mode CH36	111111111111111111111111111111111111111
Remark:	Only worse case is repo	orted	
90.0 dBuV			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1499	-8.67	9.58	0.91	66.00	-65.09	QP
2		0.1499	-10.52	9.58	-0.94	56.00	-56.94	AVG
3		0.1819	31.57	9.58	41.15	64.39	-23.24	QP
4		0.1819	19.46	9.58	29.04	54.39	-25.35	AVG
5		0.2220	25.77	9.58	35.35	62.74	-27.39	QP
6		0.2220	15.71	9.58	25.29	52.74	-27.45	AVG
7		0.2580	24.05	9.59	33.64	61.49	-27.85	QP
8		0.2580	15.40	9.59	24.99	51.49	-26.50	AVG
9		0.2940	26.35	9.59	35.94	60.41	-24.47	QP
10	*	0.2940	20.25	9.59	29.84	50.41	-20.57	AVG
11		0.3300	22.54	9.59	32.13	59.45	-27.32	QP
12		0.3300	18.51	9.59	28.10	49.45	-21.35	AVG

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

Emission Level= Read Level+ Correct Factor



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Test Voltage: Terminal:		R	elative Hum	idity:	55%			
Terminal:	DC 24V							
	GND							
Test Mode:	Charging with TX 802.11a Mode CH36							
Remark:	Only worse cas	se is reported						
90.0 dBuV				^/^/^// _\	QP: AVG:	pea Ave		
0.150	0.5	(MHz)	5			30.000		
No. Mk. Free	Reading q. Level	Correct Factor	Measure- ment	Limit	Over			
MHz	-	dB	dBuV	dBuV	dB	Detector		
1 0.150	00 25.33	9.64	34.97	65.99	-31.02	QP		
2 0.150	00 8.95	9.64	18.59	55.99	-37.40	AVG		
3 * 0.181	19 30.26	9.65	39.91	64.39	-24.48	QP		
0.101				04.59	-24.40	Q1		
4 0.181	19 12.96	9.65	22.61	54.39	-31.78	AVG		
		9.65 9.64	22.61 38.21	54.39				
4 0.181	30 28.57			54.39 62.89	-31.78	AVG		
4 0.181 5 0.218	30 28.57 30 11.71	9.64	38.21	54.39 62.89 52.89	-31.78 -24.68	AVG QP		
4 0.181 5 0.218 6 0.218	30 28.57 30 11.71 40 25.91	9.64 9.64	38.21 21.35	54.39 62.89 52.89 61.62	-31.78 -24.68 -31.54	AVG QP AVG		
4 0.181 5 0.218 6 0.218 7 0.254	28.57 30 11.71 40 25.91 40 9.76	9.64 9.64 9.61	38.21 21.35 35.52	54.39 62.89 52.89 61.62 51.62	-31.78 -24.68 -31.54 -26.10	AVG QP AVG QP		
4 0.181 5 0.218 6 0.218 7 0.254 8 0.254	28.57 30 11.71 40 25.91 40 9.76 00 24.56	9.64 9.64 9.61 9.61	38.21 21.35 35.52 19.37	54.39 62.89 52.89 61.62 51.62 60.52	-31.78 -24.68 -31.54 -26.10 -32.25	AVG QP AVG QP AVG		
4 0.181 5 0.218 6 0.218 7 0.254 8 0.254 9 0.290	28.57 30 11.71 40 25.91 40 9.76 00 24.56 00 9.78	9.64 9.64 9.61 9.61 9.58	38.21 21.35 35.52 19.37 34.14	54.39 62.89 52.89 61.62 51.62 60.52 50.52	-31.78 -24.68 -31.54 -26.10 -32.25 -26.38	AVG QP AVG QP AVG QP		



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Attachment B-- Radiated Emission Test Data

9 KHz~30 MHz

From 9 KHz to 30 MHz: 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

Temperature:	25 °C		R	elative Hum	idity: 5	5%	FILE	
Test Voltage:	DC 3	DC 3.7V						
Ant. Pol.	Horiz	Horizontal						
Test Mode:	TX 80	TX 802.11a Mode 5180MHz (U-NII-1)						
Remark:	Only	worse case	e is reported			A. M. C.		
80.0 dBuV/m								
					FCC	158 3M Radiati		
						Margin -6	0 48	
			2	4			6	
30		1		3 4 Mary Mary Mary	5 ¥		M/M X	
	_, ,		WANT TO THE PARTY	The second	hude plat Jack	Ma 14m	y Y*	
Warding of the same of the sam	JY Named Par	and and	16 Manage		as about male	Phylogen		
Hotelson de de la	W. T							
-20								
30.000 40 !	50 60 70	80	(MHz)	300	400 5	600 600 700	1000.00	
	_	Reading	Correct	Measure-	1 : :4	0		
No. Mk.	Freq.	Level	Factor	ment	Limit	Over		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detecto	
1 85	.8983	49.39	-22.99	26.40	40.00	-13.60	QP	
2 * 143	3.8294	52.04	-21.51	30.53	43.50	-12.97	QP	
3 247	7.6819	47.74	-17.81	29.93	46.00	-16.07	QP	
	0.3747	49.17	-17.26	31.91	46.00	-14.09	QP	
. 210	3.0880	40.72	-12.36	28.36	46.00		QP	
5 404	0.0000	40.72	-3.23	33.64	54.00	-17.64 -20.36	QP QP	
	2.1622	36.87						



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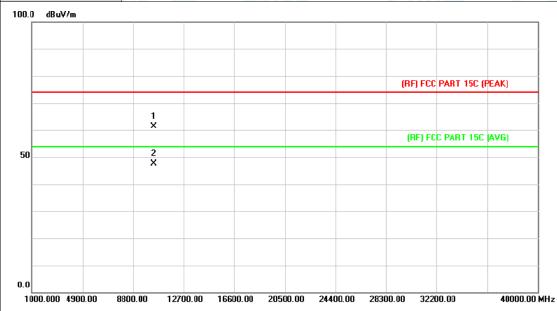
Temperature:	25 ℃	R	elative Humi	aity:	55%	
Test Voltage:	DC 3.7V	30	- All	1	-	ABOVE
Ant. Pol.	Vertical		11	(TI	1130	
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)					
Remark:	Only worse case	is reported	WILL STATE		a W	
30 dBuV/m	2 3	in high paper	Manual Man	FC	C 158 3M Radi Margin	
		W 1				
30.000 40 50	60 70 80	(MHz)	300		500 600 70	00 1000.0
	Reading	(MHz) Correct Factor				00 1000.0
30.000 40 50	Reading eq. Level	Correct	300 Measure-	400	500 600 70 Over	
No. Mk. Fre	Reading eq. Level dbuV	Correct Factor	300 Measure- ment	400 Limit	500 600 70 Over	
No. Mk. Fre	Reading Level dBuV 145 57.65	Correct Factor	Measure- ment dBuV/m	400 Limit dBuV/m	500 600 70 Over	Detecto
No. Mk. Fre	Reading Level Hz dBuV 145 57.65 320 53.46	Correct Factor dB/m -24.07	Measure- ment dBuV/m 33.58	Limit dBuV/m 40.00	Over dB -6.42	Detecto
No. Mk. Fre	Reading Level Hz dBuV 145 57.65 320 53.46 984 54.96	Correct Factor dB/m -24.07 -23.63	Measure- ment dBuV/m 33.58 29.83	400 Limit dBuV/m 40.00 40.00	Over dB -6.42	Detecto QP ' QP QP
No. Mk. Free Mh 1 * 49.0 2 71.8 3 85.8 4 562.6	Reading Level 12 dBuV 145 57.65 320 53.46 984 54.96 6624 44.64	Correct Factor dB/m -24.07 -23.63 -22.99 -9.48	300 Measure- ment dBuV/m 33.58 29.83 31.97 35.16	400 Limit dBuV/m 40.00 40.00 40.00	Over dB -6.42 -10.17 -8.03	Detector QP QP QP QP
No. Mk. Fre Mh 1 * 49.0 2 71.8 3 85.89	Reading Level dz dBuV 145 57.65 320 53.46 984 54.96 6624 44.64 296 40.85	Correct Factor dB/m -24.07 -23.63 -22.99	300 Measure- ment dBuV/m 33.58 29.83 31.97	400 Limit dBuV/m 40.00 40.00	Over dB -6.42 -10.17	Detecto QP QP QP QP QP



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5180MHz-5250MHz(U-NII-1)

Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V	THUL				
Ant. Pol.	Horizontal	01 - 6	THE STATE OF THE S			
Test Mode:	TX 802.11a Mode 5180M	1Hz (U-NII-1)				
Remark:	No report for the emission which more than 10 dB below the					
	prescribed limit.					



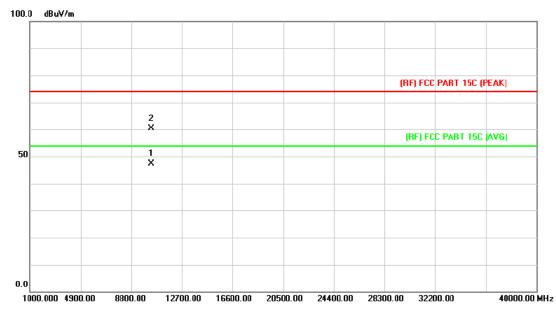
No.	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10361.452	45.73	15.60	61.33	74.00	-12.67	peak
2	*	10364.624	32.02	15.60	47.62	54.00	-6.38	AVG

Emission Level= Read Level+ Correct Factor



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	Millian	1				
Ant. Pol.	Vertical	537					
Test Mode:	TX 802.11a Mode 5180N	TX 802.11a Mode 5180MHz (U-NII-1)					
Remark:	No report for the emission prescribed limit.	n which more than 10 o	dB below the				



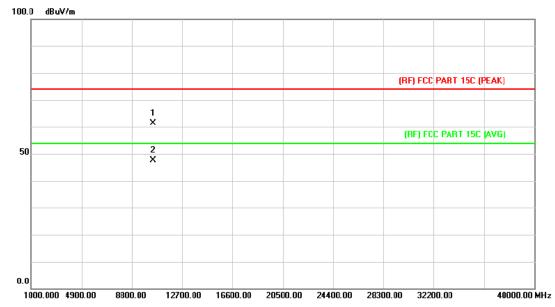
No.	. Mł	c. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10358.251	31.80	15.57	47.37	54.00	-6.63	AVG
2		10359.562	44.81	15.58	60.39	74.00	-13.61	peak

Emission Level= Read Level+ Correct Factor



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Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Horizontal							
Test Mode:	TX 802.11a Mode 5200N	1Hz (U-NII-1)						
Remark: No report for the emission which more than 10 dB below the prescribed limit.								
400 0 ID 111								

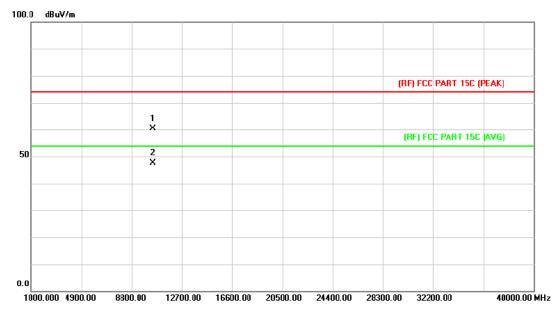


No.	Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10400.152	45.61	15.73	61.34	74.00	-12.66	peak
2	*	10401.813	31.95	15.73	47.68	54.00	-6.32	AVG



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Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Vertical							
Test Mode:	TX 802.11a Mode 5200M	IHz (U-NII-1)						
Remark: No report for the emission which more than 10 dB below the prescribed limit.								

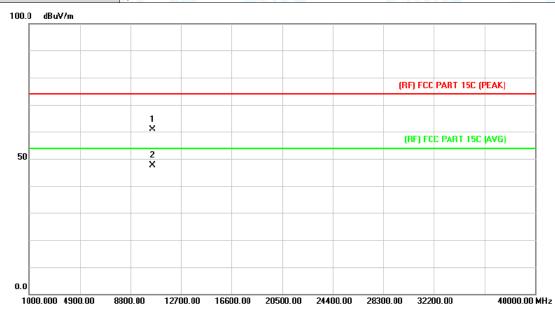


No.	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10401.352	44.59	15.73	60.32	74.00	-13.68	peak
2	*	10402.512	31.83	15.73	47.56	54.00	-6.44	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11a Mode 5240N	1Hz (U-NII-1)					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

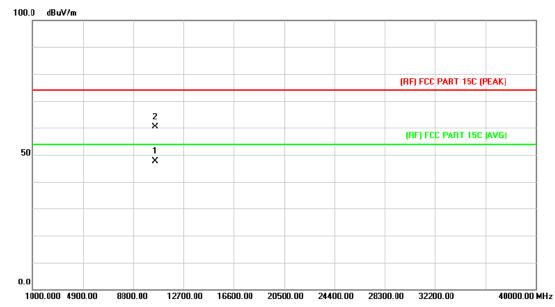


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10478.521	44.99	15.79	60.78	74.00	-13.22	peak
2	*	10481.621	31.81	15.79	47.60	54.00	-6.40	AVG



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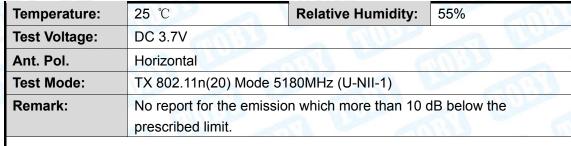
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	THE PARTY OF THE P	1				
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11a Mode 524	0MHz (U-NII-1)					
Remark:	No report for the emission which more than 10 dB below the						
	prescribed limit.						

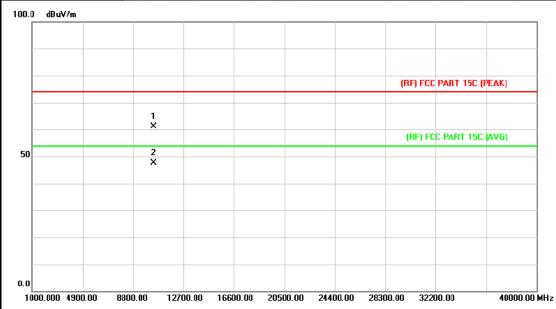


No	. M	lk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10	0479.521	31.87	15.79	47.66	54.00	-6.34	AVG
2		10	0481.512	44.49	15.79	60.28	74.00	-13.72	peak



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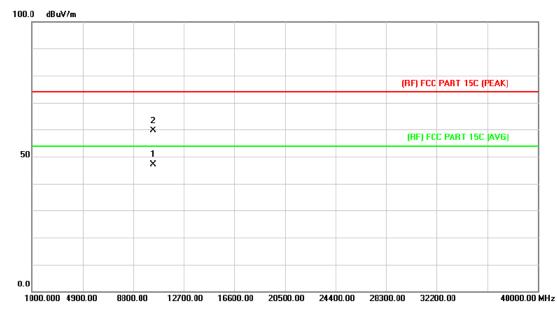


No.	Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10361.652	45.63	15.60	61.23	74.00	-12.77	peak
2	*	10365.452	31.98	15.60	47.58	54.00	-6.42	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11n(20) Mode 51	80MHz (U-NII-1)					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

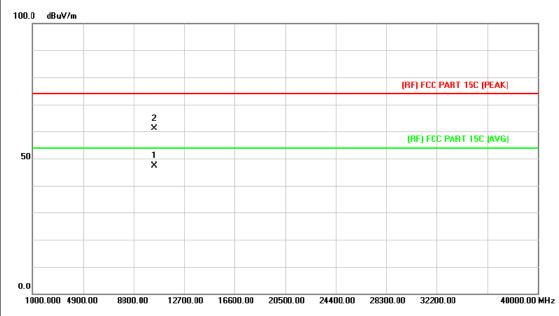


No	o. N	۱k.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	1	0358.581	31.58	15.57	47.15	54.00	-6.85	AVG
2		10	0359.625	44.10	15.58	59.68	74.00	-14.32	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11n(20) Mode 52	00MHz (U-NII-1)					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

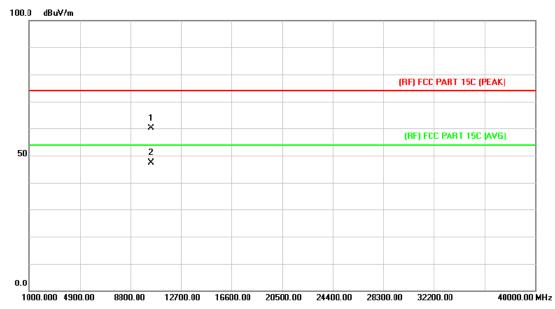


No	. N	۱k.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	1	0400.562	31.80	15.66	47.46	54.00	-6.54	AVG
2		1	0401.512	45.58	15.66	61.24	74.00	-12.76	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage: DC 3.7V							
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11n(20) Mod	de 5200MHz (U-NII-1)					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

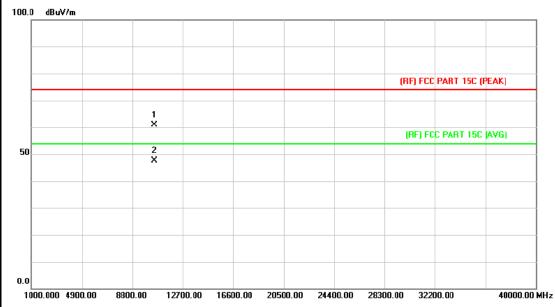


No.	Mk	. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10400.652	44.50	15.66	60.16	74.00	-13.84	peak
2	*	10402.485	31.61	15.66	47.27	54.00	-6.73	AVG



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V					
Ant. Pol.	Horizontal					
Test Mode:	TX 802.11n(20) Mode 5	240MHz (U-NII-1)				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

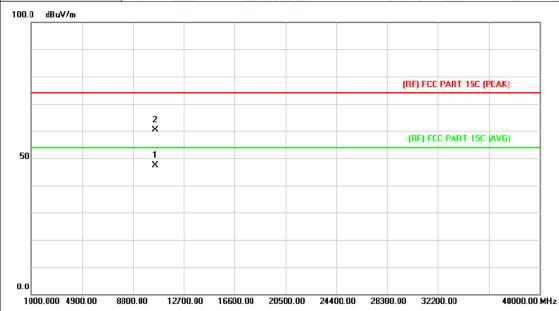


No.	Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10478.562	45.10	15.79	60.89	74.00	-13.11	peak
2	*	10480.485	31.86	15.79	47.65	54.00	-6.35	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11n(20) Mode	5240MHz (U-NII-1)					
Remark:	No report for the emiss prescribed limit.	No report for the emission which more than 10 dB below the prescribed limit.					

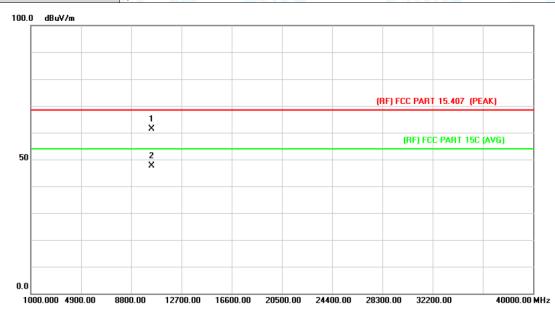


No	. MI	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10478.562	31.71	15.79	47.50	54.00	-6.50	AVG
2		10481.562	44.57	15.79	60.36	74.00	-13.64	peak



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1	Temperature:	25 ℃	Relative Humidity:	55%			
	Test Voltage:	1					
	Ant. Pol.	Horizontal					
	Test Mode:	TX 802.11ac(20) Mode 5	180MHz (U-NII-1)				
	Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

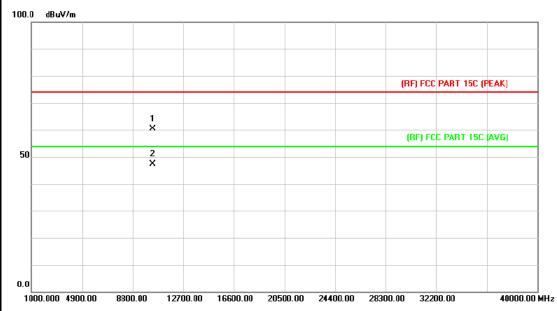


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10361.264	45.73	15.60	61.33	68.30	-6.97	peak
2	*	10364.458	32.02	15.60	47.62	54.00	-6.38	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11ac(20) Mode	5180MHz (U-NII-1)					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

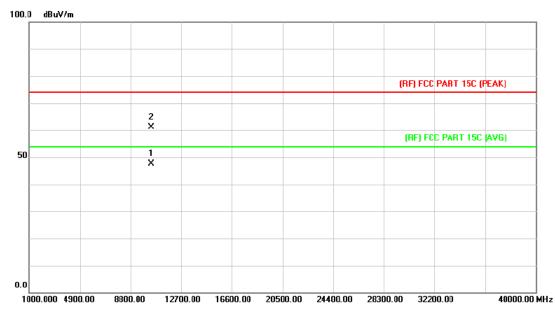


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10358.960	44.80	15.57	60.37	74.00	-13.63	peak
2	*	10359.942	31.68	15.58	47.26	54.00	-6.74	AVG



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage: DC 3.7V						
Ant. Pol.	Horizontal					
Test Mode:	TX 802.11ac(20) Mode 5	200MHz (U-NII-1)				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

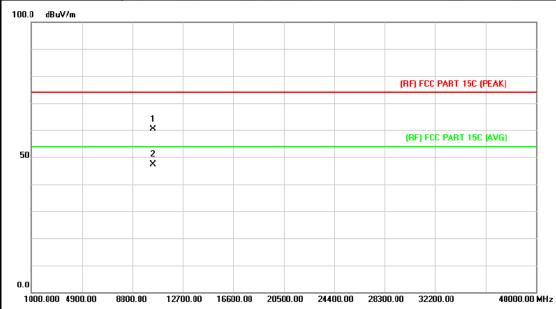


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10400.225	31.89	15.66	47.55	54.00	-6.45	AVG
2		10400.425	45.35	15.66	61.01	74.00	-12.99	peak



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V	Million				
Ant. Pol.	Vertical					
Test Mode:	TX 802.11ac(20) Mode	5200MHz (U-NII-1)				
Remark: No report for the emission which more than 10 dB below the prescribed limit.						

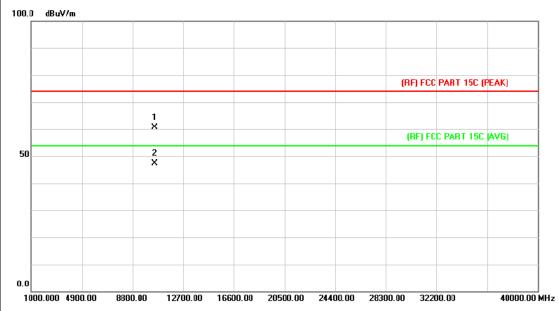


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10400.645	44.72	15.66	60.38	74.00	-13.62	peak
2	*	10401.176	31.84	15.66	47.50	54.00	-6.50	AVG



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V					
Ant. Pol.	Horizontal					
Test Mode:	TX 802.11ac(20) Mode	5240MHz (U-NII-1)				
Remark:	dB below the					

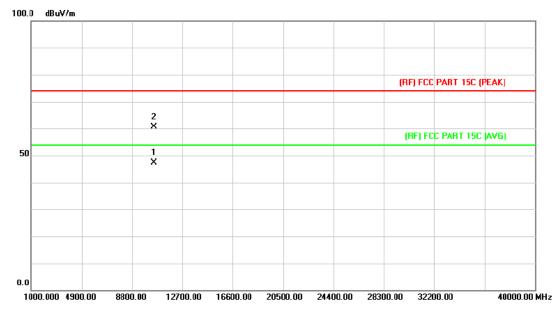


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10477.253	44.85	15.79	60.64	74.00	-13.36	peak
2	*	10479.604	31.70	15.79	47.49	54.00	-6.51	AVG



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V					
Ant. Pol.	ol. Vertical					
Test Mode:	TX 802.11ac(20) Mode 5	240MHz (U-NII-1)				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

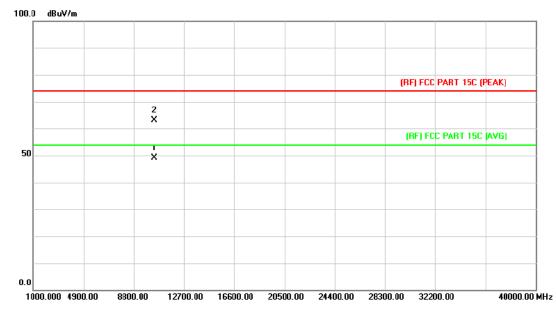


No.	M	c. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10479.810	31.64	15.79	47.43	54.00	-6.57	AVG
2		10480.762	44.77	15.79	60.56	74.00	-13.44	peak



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T	emperature:	25 ℃	Relative Humidity:	55%			
T	est Voltage:	st Voltage: DC 3.7V					
Ant. Pol. Horizontal							
T	est Mode:	TX 802.11n (40) Mode 51	190MHz (U-NII-1)				
R	emark:	No report for the emission which more than 10 dB below the prescribed limit.					

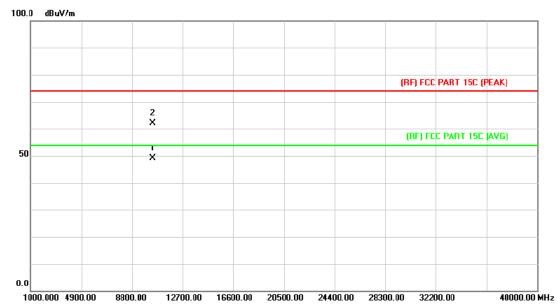


No	. MI	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10377.523	33.60	15.61	49.21	54.00	-4.79	AVG
2		10383.415	47.59	15.62	63.21	74.00	-10.79	peak



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V					
Ant. Pol.	Vertical					
Test Mode:	TX 802.11n (40) Mode	5190MHz (U-NII-1)				
Remark: No report for the emission which more than 10 dB below the prescribed limit.						

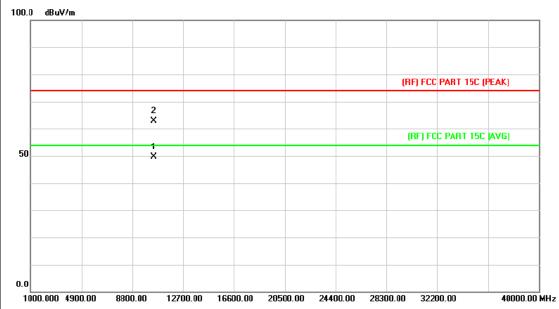


No	. MI	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10379.548	33.62	15.61	49.23	54.00	-4.77	AVG
2		10382.692	46.44	15.62	62.06	74.00	-11.94	peak



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V	William .				
Ant. Pol.	Horizontal					
Test Mode:	TX 802.11n (40) Mode 5	230MHz (U-NII-1)				
Remark: No report for the emission which more than 10 dB below the prescribed limit.						

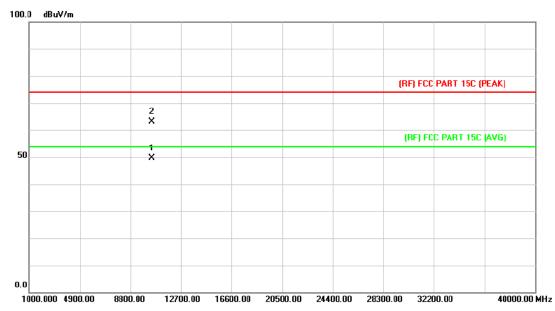


No.	Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10455.562	33.86	15.75	49.61	54.00	-4.39	AVG
2		10460.451	47.15	15.76	62.91	74.00	-11.09	peak



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í	Temperature:	25 ℃	Relative Humidity:	55%
ì	Test Voltage:	DC 3.7V	Million	
	Ant. Pol.	Vertical	01 - 6	
	Test Mode:	TX 802.11n (40) Mode 52	230MHz (U-NII-1)	
	Remark:	No report for the emission	n which more than 10 o	dB below the
		prescribed limit.		

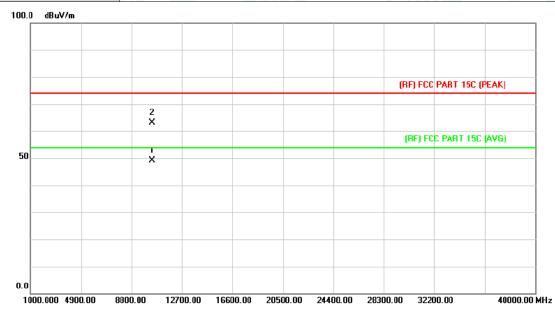


No.	. Mi	c. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10459.562	33.88	15.76	49.64	54.00	-4.36	AVG
2		10461.145	47.26	15.76	63.02	74.00	-10.98	peak



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Temperature:	25 ℃	Relative Humidity:	55%	
Test Voltage:	DC 3.7V	William .		
Ant. Pol. Horizontal				
Test Mode:	TX 802.11ac (40) Mode	5190MHz (U-NII-1)		
Remark:	No report for the emission prescribed limit.	n which more than 10	dB below the	

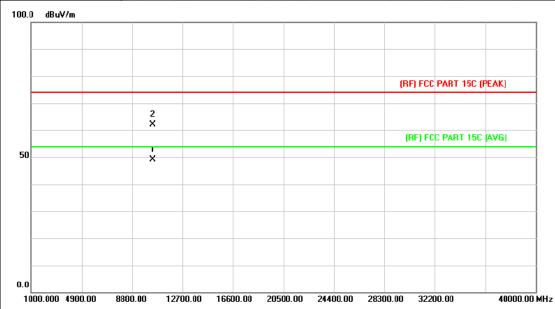


No	. MI	k. Fred	_	•	t Measure ment		Over	
		MHz	: dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10377.6	33.60	15.61	49.21	54.00	-4.79	AVG
2		10383.7	774 47.59	15.62	63.21	74.00	-10.79	peak



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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	MILL	
Ant. Pol.	Vertical	01	
Test Mode:	TX 802.11ac (40) Mode \$	5190MHz (U-NII-1)	
Remark:	No report for the emissio prescribed limit.	n which more than 10	dB below the

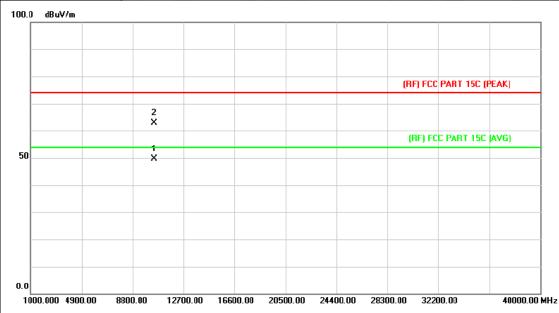


N	lo.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		*	10379.852	33.62	15.61	49.23	54.00	-4.77	AVG
2			10382.632	46.44	15.62	62.06	74.00	-11.94	peak



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Temperature:	25 ℃	Relative Humidity:	55%	
Test Voltage:	DC 3.7V	The same	- 1 L	
Ant. Pol. Horizontal				
Test Mode:	TX 802.11ac (40) Mode	5230MHz (U-NII-1)		
Remark:	No report for the emission prescribed limit.	n which more than 10	dB below the	
			· · · · · · · · · · · · · · · · · · ·	

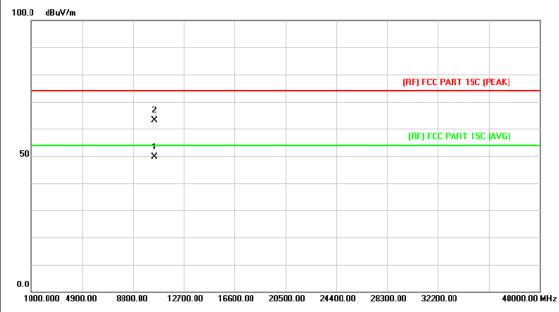


No.	. Mk	c. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10455.262	33.86	15.75	49.61	54.00	-4.39	AVG
2		10460.746	47.15	15.76	62.91	74.00	-11.09	peak



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Temperature:	25 ℃	Relative Humidity:	55%	
Test Voltage:	DC 3.7V	Militia	1	
Ant. Pol. Vertical				
Test Mode:	TX 802.11ac (40) Mode 5	5230MHz (U-NII-1)		
Remark:	No report for the emissio prescribed limit.	n which more than 10 o	dB below the	



No	. MI	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10459.523	33.88	15.76	49.64	54.00	-4.36	AVG
2		10461.512	47.26	15.76	63.02	74.00	-10.98	peak



0.0

1000.000 4900.00

8800.00

Report No.: TB-FCC157635

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40000.00 MHz

Temperature:	25 ℃	Relative Humidity: 55%					
Test Voltage:	DC 3.7V	DC 3.7V Horizontal					
Ant. Pol.	Horizontal						
Test Mode:	Mode: TX 802.11ac (80) Mode 5210MHz (U-NII-1)						
Remark:		No report for the emission which more than 10 dB below the prescribed limit.					
100.0 dBuV/m							
		(RF) FCC PART 15.407 (PEAK)					
	1 ×						
	_	(RF) FCC PART 15C (AVG					
50	X						

No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10417.375	47.33	15.68	63.01	68.30	-5.29	peak
2	*	10424.475	33.64	15.70	49.34	54.00	-4.66	AVG

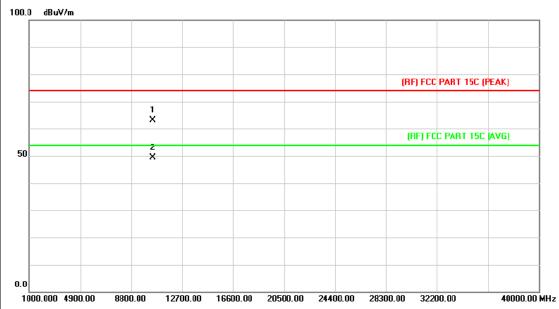
24400.00 28300.00

12700.00 16600.00 20500.00



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Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	DC 3.7V				
Ant. Pol. Vertical					
Test Mode:	TX 802.11ac (80) I	Mode 5210MHz (U-NII-1)			
Remark:	No report for the e prescribed limit.	mission which more than 10	dB below the		



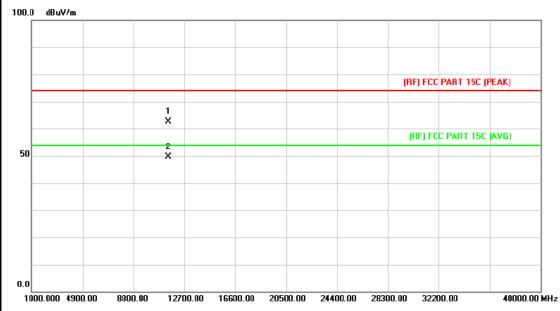
No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10418.052	47.55	15.68	63.23	74.00	-10.77	peak
2	*	10420.692	33.70	15.69	49.39	54.00	-4.61	AVG



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5745MHz-5825MHz(U-NII-3)

Test Voltage:	DC 3.7V					
Ant. Pol.	Horizontal					
Test Mode: TX 802.11a Mode 5745MHz (U-NII-3)						
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

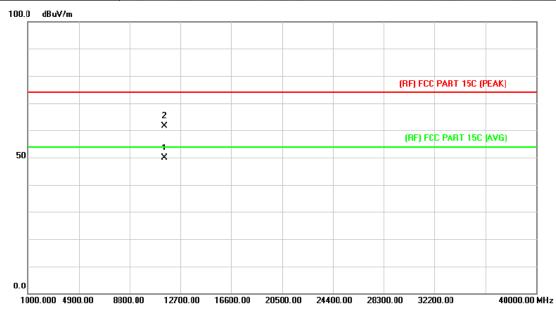


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11489.621	46.04	16.64	62.68	74.00	-11.32	peak
2	*	11493.652	32.98	16.64	49.62	54.00	-4.38	AVG



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1	Temperature:	25 ℃	Relative Humidity:	55%			
	Test Voltage:	DC 3.7V					
	Ant. Pol.	Vertical					
	Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)					
	Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

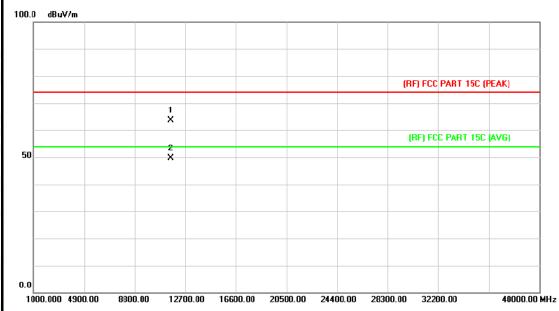


No.	M	k. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11488.562	33.13	16.63	49.76	54.00	-4.24	AVG
2		11491.562	45.02	16.64	61.66	74.00	-12.34	peak



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١	Temperature:	25 ℃	Relative Humidity:	55%		
	Test Voltage:	DC 3.7V	Militia	- 1 L		
Ant. Pol. Horizontal						
	Test Mode:	TX 802.11a Mode 5785M	1Hz (U-NII-3)			
	Remark:	No report for the emission which more than 10 dB below the prescribed limit.				

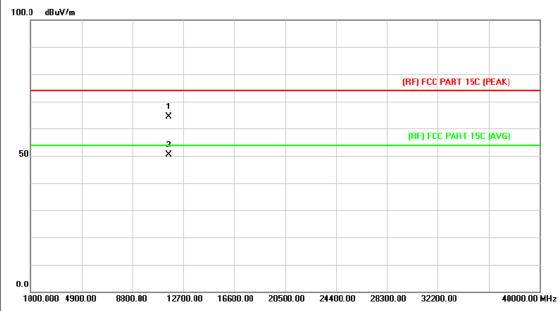


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11569.896	46.78	16.80	63.58	74.00	-10.42	peak
2	*	11571.693	32.93	16.80	49.73	54.00	-4.27	AVG



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Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	DC 3.7V	Military			
Ant. Pol. Vertical					
Test Mode:	TX 802.11a Mode 5785M	IHz (U-NII-3)			
Remark:	No report for the emission which more than 10 dB below the prescribed limit.				
	•				

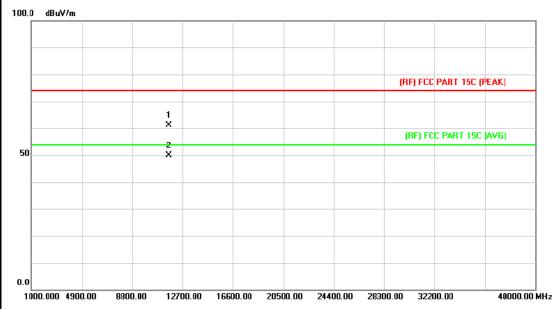


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11568.562	47.47	16.80	64.27	74.00	-9.73	peak
2	*	11571.452	33.56	16.80	50.36	54.00	-3.64	AVG



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Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	DC 3.7V	William .			
Ant. Pol. Horizontal					
Test Mode:	TX 802.11a Mode 5825	MHz (U-NII-3)			
Remark:	No report for the emission which more than 10 dB below the prescribed limit.				

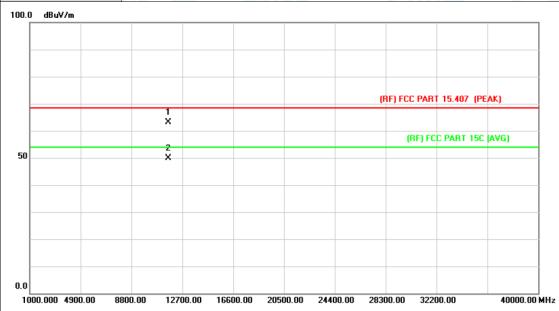


No.	Mk	. Freq.			Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11649.562	44.14	16.99	61.13	74.00	-12.87	peak
2	*	11652.551	32.80	16.99	49.79	54.00	-4.21	AVG



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١	Temperature:	25 ℃	Relative Humidity:	55%				
	Test Voltage:	DC 3.7V	OC 3.7V					
	Ant. Pol.	Vertical	/ertical					
	Test Mode:	TX 802.11a Mode 5825M	1Hz (U-NII-3)					
	Remark:	No report for the emissio prescribed limit.	n which more than 10 o	dB below the				

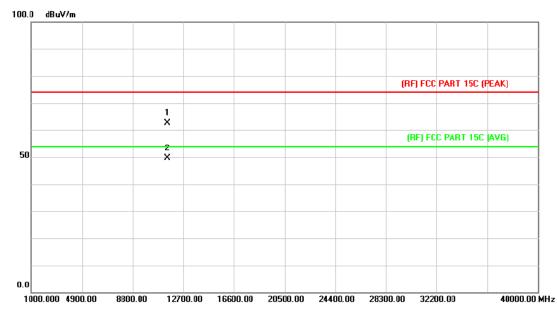


No	o. Mk	c. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.550	46.26	16.99	63.25	68.30	-5.05	peak
2	*	11651.925	32.96	16.99	49.95	54.00	-4.05	AVG



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	Temperature:	25 ℃	Relative Humidity:	55%				
	Test Voltage:	DC 3.7V	OC 3.7V					
I	Ant. Pol.	Horizontal	Horizontal					
	Test Mode:	TX 802.11n(20) Mode 57	45MHz (U-NII-3)					
	Remark:	No report for the emission prescribed limit.	n which more than 10 o	dB below the				

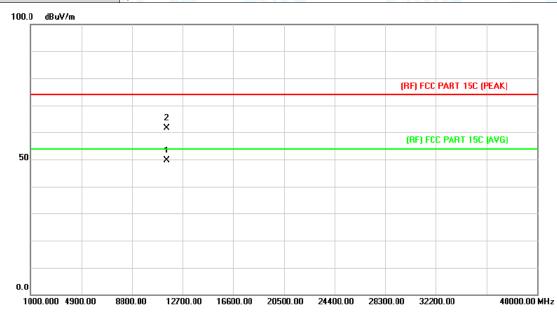


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11489.562	46.01	16.64	62.65	74.00	-11.35	peak
2	*	11493.451	32.93	16.64	49.57	54.00	-4.43	AVG



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Temperatur	e: 25 °C	Relative Humidity:	55%				
Test Voltage	e: DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11n(20) Mode	5745MHz (U-NII-3)					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

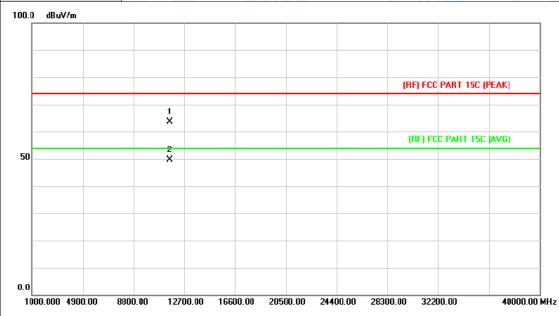


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11488.562		16.63	49.69	54.00	-4.31	AVG
2		11492.562	45.08	16.64	61.72	74.00	-12.28	peak



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	Test Voltage: DC 3.7V					
Ant. Pol.	Ant. Pol. Horizontal					
Test Mode:	TX 802.11n(20) Mode 57	85MHz (U-NII-3)				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

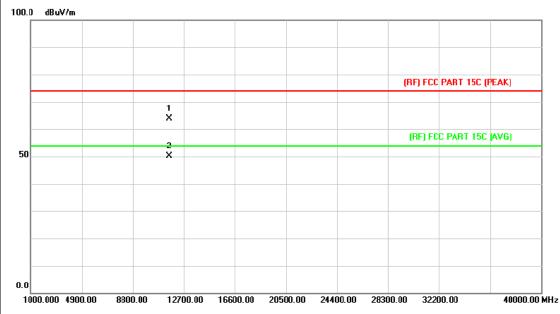


No.	Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11568.532	46.89	16.80	63.69	74.00	-10.31	peak
2	*	11571.561	32.88	16.80	49.68	54.00	-4.32	AVG



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١	Temperature:	25 ℃	Relative Humidity:	55%				
	Test Voltage:	DC 3.7V	OC 3.7V					
	Ant. Pol.	Vertical	/ertical					
	Test Mode:	TX 802.11n(20) Mode 57	85MHz (U-NII-3)					
	Remark:	No report for the emissio prescribed limit.	n which more than 10 o	dB below the				

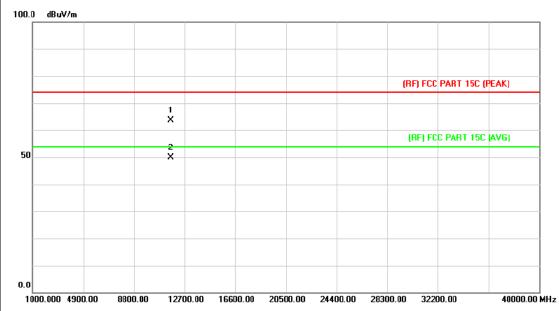


No.	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11568.512	47.07	16.80	63.87	74.00	-10.13	peak
2	*	11571.512	33.35	16.80	50.15	54.00	-3.85	AVG



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	Temperature:	25 ℃	Relative Humidity:	55%				
}	Test Voltage:	DC 3.7V	C 3.7V					
	Ant. Pol.	Horizontal						
	Test Mode:	TX 802.11n(20) Mode 58	25MHz (U-NII-3)					
- AN-	Remark:	No report for the emissio prescribed limit.	n which more than 10 o	dB below the				

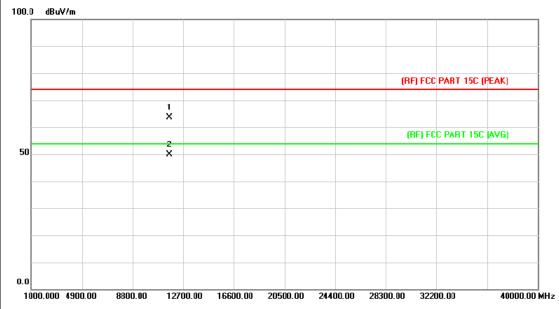


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11649.651	46.65	16.99	63.64	74.00	-10.36	peak
2	*	11652.562	32.89	16.99	49.88	54.00	-4.12	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	C 3.7V					
Ant. Pol.	Vertical	'ertical					
Test Mode:	TX 802.11n(20) Mo	ode 5825MHz (U-NII-3)					
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

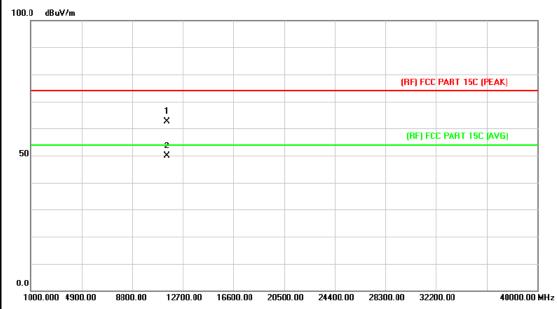


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11649.612	46.58	16.99	63.57	74.00	-10.43	peak
2	*	11652.551	32.99	16.99	49.98	54.00	-4.02	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	3.7V					
Ant. Pol.	Horizontal	orizontal					
Test Mode:	TX 802.11ac(20) Mode 5	5745MHz (U-NII-3)					
Remark:	No report for the emission prescribed limit.	on which more than 10	dB below the				

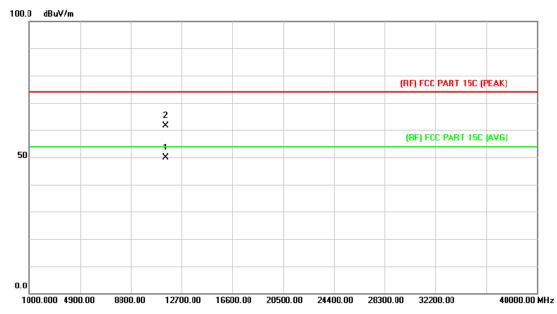


No.	Mk	. Freq.			Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11489.951	45.94	16.64	62.58	74.00	-11.42	peak
2	*	11490.340	33.22	16.64	49.86	54.00	-4.14	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11ac(20) Mode 5	745MHz (U-NII-3)					
Remark:	No report for the emission prescribed limit.	n which more than 10	dB below the				

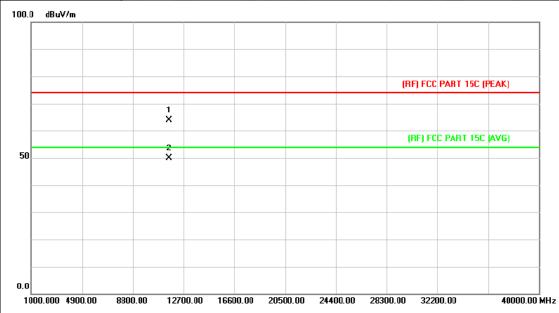


No.	M	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11486.771	33.18	16.63	49.81	54.00	-4.19	AVG
2		11489.636	45.05	16.64	61.69	74.00	-12.31	peak



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	Temperature:	25 ℃	Relative Humidity:	55%				
}	Test Voltage:	DC 3.7V	C 3.7V					
	Ant. Pol.	Horizontal						
	Test Mode:	TX 802.11ac(20) Mode 5	785MHz (U-NII-3)					
- AN-	Remark:	No report for the emissio prescribed limit.	n which more than 10 o	dB below the				

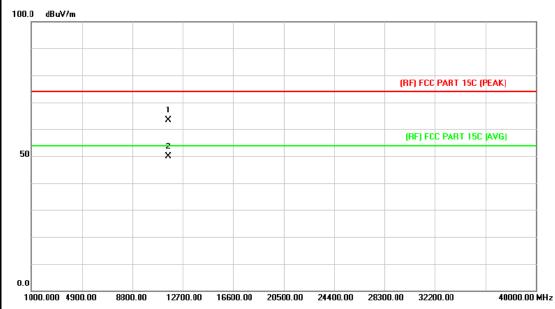


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11566.752	46.98	16.80	63.78	74.00	-10.22	peak
2	*	11570.531	33.07	16.80	49.87	54.00	-4.13	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11ac(20) Mode 5	785MHz (U-NII-3)					
Remark:	No report for the emissio prescribed limit.	n which more than 10 o	dB below the				
prescribed limit.							

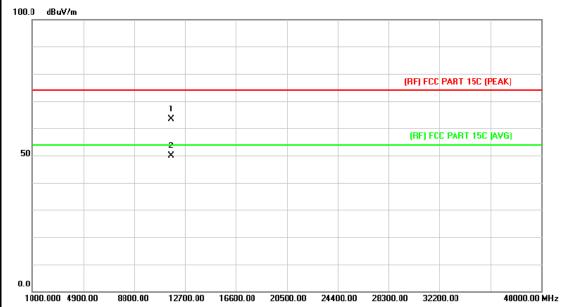


No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11565.952	46.69	16.79	63.48	74.00	-10.52	peak
2	*	11568.181	33.20	16.80	50.00	54.00	-4.00	AVG



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V		73			
Ant. Pol.	Horizontal	Horizontal				
Test Mode:	TX 802.11ac(20) M	lode 5825MHz (U-NII-3)				
Remark:	mark: No report for the emission which more than 10 dB below the prescribed limit.					
400 0 ID 1/1						

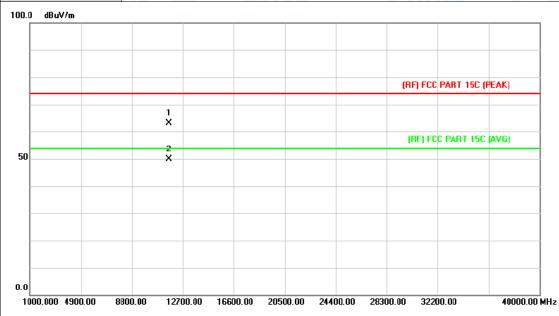


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11648.952	46.44	16.98	63.42	74.00	-10.58	peak
2	*	11652.163	33.01	16.99	50.00	54.00	-4.00	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	Million					
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11ac(20) Mode 5	825MHz (U-NII-3)					
Remark:	No report for the emissio prescribed limit.	n which more than 10	dB below the				

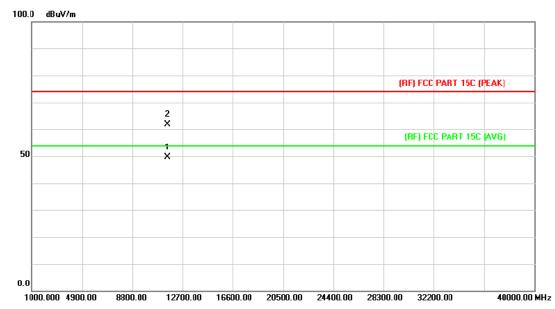


No.	. Mk	c. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.551	46.26	16.99	63.25	74.00	-10.75	peak
2	*	11651.969	32.96	16.99	49.95	54.00	-4.05	AVG



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Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	DC 3.7V	The same of the sa			
Ant. Pol.	Horizontal				
Test Mode:	TX 802.11n(40) Mode 57	55MHz (U-NII-3)			
Remark:	No report for the emission prescribed limit.	n which more than 10	dB below the		

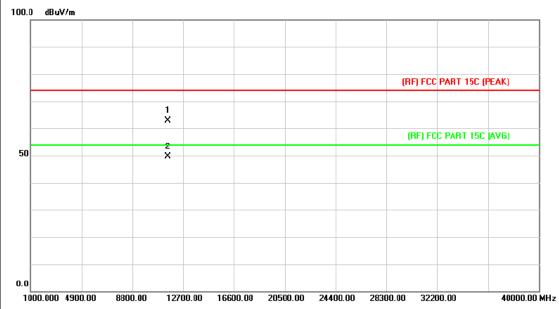


No.	Mł	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11511.512	33.06	16.68	49.74	54.00	-4.26	AVG
2		11514.151	45.30	16.68	61.98	74.00	-12.02	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	OC 3.7V					
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11n(40) Mode 57	'55MHz (U-NII-3)					
Remark:	No report for the emission prescribed limit.	n which more than 10	dB below the				

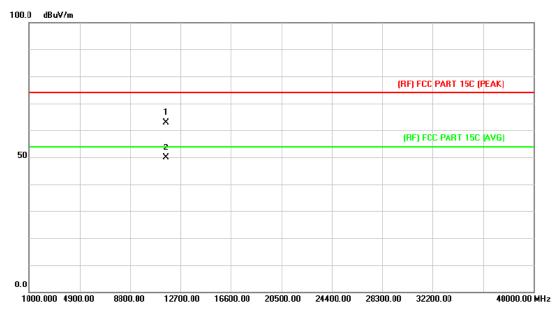


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11508.521	46.24	16.66	62.90	74.00	-11.10	peak
2	*	11514.621	33.05	16.68	49.73	54.00	-4.27	AVG



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	Million					
Ant. Pol.	Horizontal	Horizontal					
Test Mode:	TX 802.11n(40) Mode 57	95MHz (U-NII-3)					
Remark:	No report for the emissio prescribed limit.	n which more than 10	dB below the				

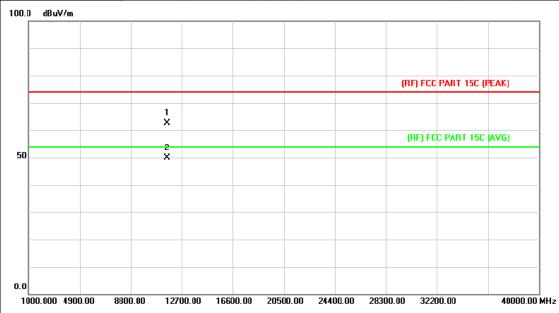


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11588.256	46.12	16.85	62.97	74.00	-11.03	peak
2	*	11590.485	33.07	16.85	49.92	54.00	-4.08	AVG



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Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	DC 3.7V	Milliam			
Ant. Pol.	Vertical				
Test Mode:	TX 802.11n(40) Mode 57	95MHz (U-NII-3)			
Remark:	No report for the emission which more than 10 dB below the prescribed limit.				

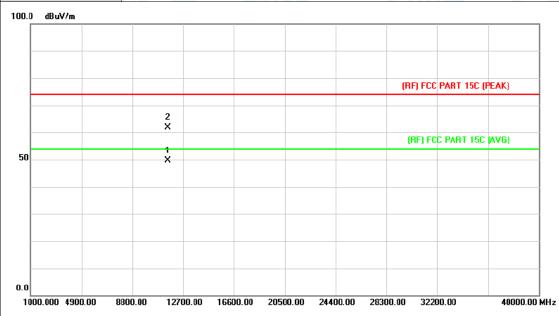


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	,	11589.515	45.66	16.85	62.51	74.00	-11.49	peak
2	*	11591.451	33.01	16.85	49.86	54.00	-4.14	AVG



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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	Million	7
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(40) Mode 5	755MHz (U-NII-3)	
Remark:	No report for the emissio prescribed limit.	n which more than 10	dB below the

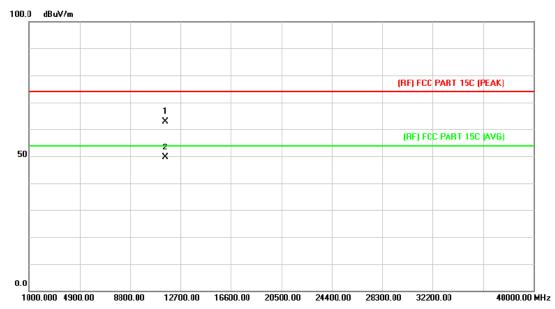


No.	Mk	c. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11511.625	33.06	16.68	49.74	54.00	-4.26	AVG
2		11514.851	45.30	16.68	61.98	74.00	-12.02	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	Militia	- 1 L				
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11ac(40) Mode 5	755MHz (U-NII-3)					
Remark:	No report for the emission prescribed limit.	n which more than 10 o	dB below the				

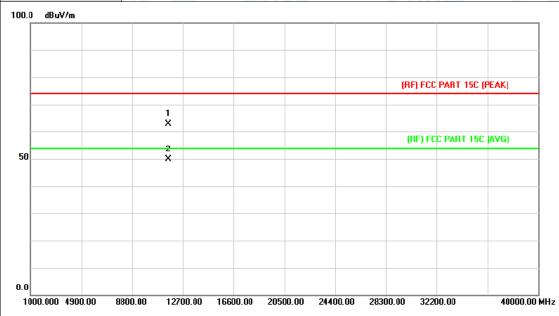


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11508.852	46.24	16.66	62.90	74.00	-11.10	peak
2	*	11513.512	33.05	16.68	49.73	54.00	-4.27	AVG



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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V					
Ant. Pol.	Horizontal	Horizontal				
Test Mode:	TX 802.11ac(40) M	lode 5795MHz (U-NII-3)				
Remark:	No report for the element prescribed limit.	mission which more than 10	dB below the			

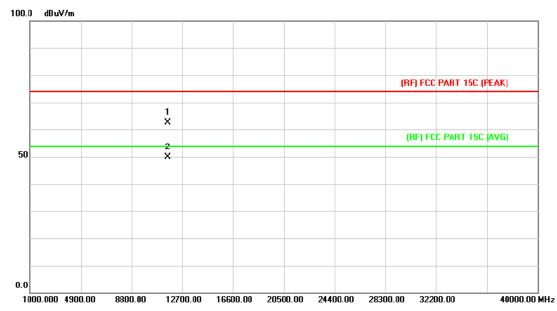


No	. Mk	. Freq.			Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11588.635	46.12	16.85	62.97	74.00	-11.03	peak
2	*	11590.452	33.07	16.85	49.92	54.00	-4.08	AVG



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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	Million	- 1 L
Ant. Pol.	Vertical	01 -	
Test Mode:	TX 802.11ac(40) Mode 5	795MHz (U-NII-3)	
Remark:	No report for the emissio prescribed limit.	n which more than 10	dB below the

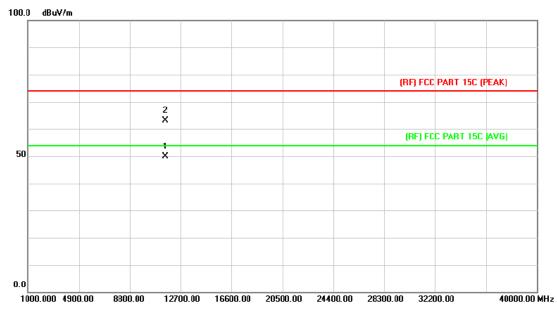


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11589.969	45.66	16.85	62.51	74.00	-11.49	peak
2	*	11591.452	33.01	16.85	49.86	54.00	-4.14	AVG



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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	Million	
Ant. Pol.	Horizontal	011	
Test Mode:	TX 802.11ac(80) Mode 5	775MHz (U-NII-3)	
Remark:	No report for the emissio prescribed limit.	n which more than 10	dB below the

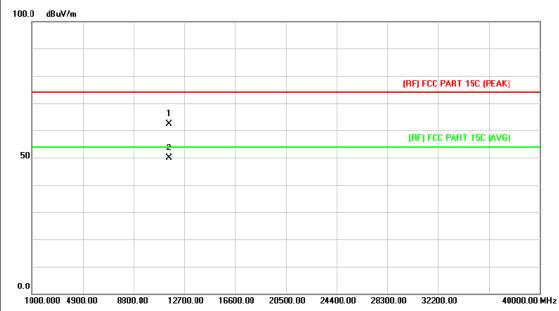


No	. MI	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11545.362	33.09	16.75	49.84	54.00	-4.16	AVG
2		11553.842	46.26	16.76	63.02	74.00	-10.98	peak

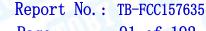


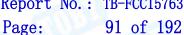
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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	Militia	
Ant. Pol.	Vertical	01	
Test Mode:	TX 802.11ac(80) Mode 5	775MHz (U-NII-3)	
Remark:	No report for the emissio prescribed limit.	n which more than 10 o	dB below the



No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11549.569	45.73	16.75	62.48	74.00	-11.52	peak
2	*	11552.512	33.11	16.76	49.87	54.00	-4.13	AVG

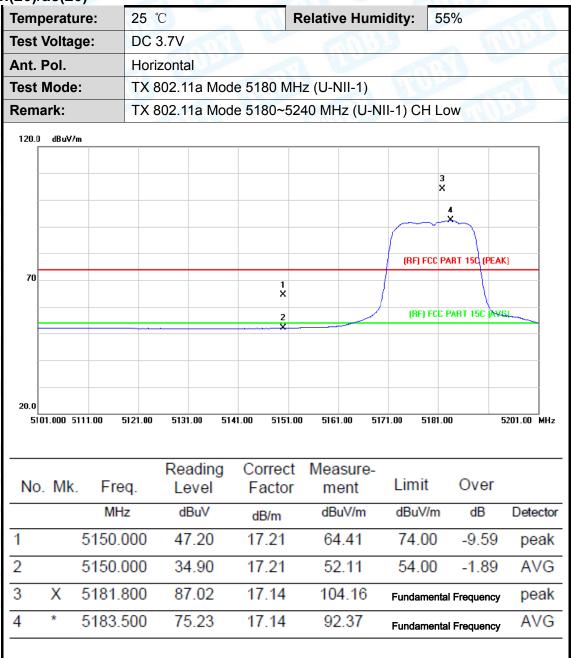






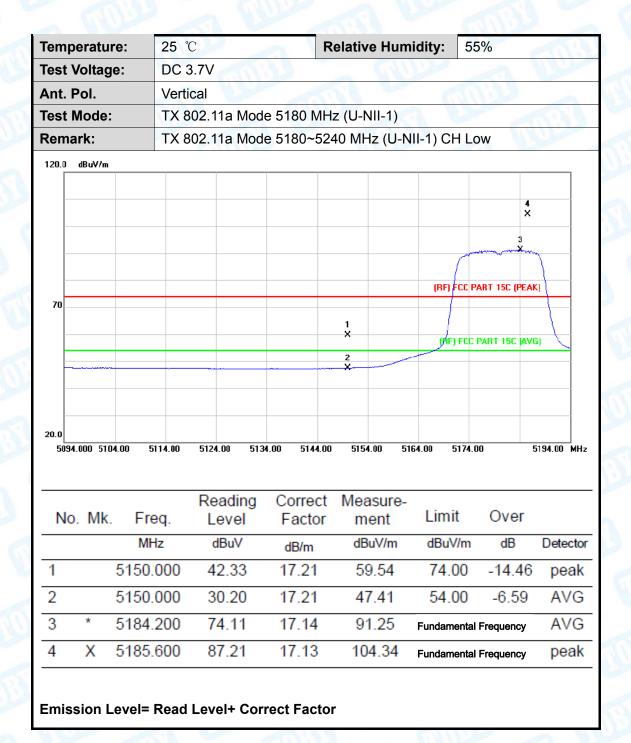
Attachment C-- Band Edge Emissions Test Data

(1) Radiation Test a/n(20)/ac(20)



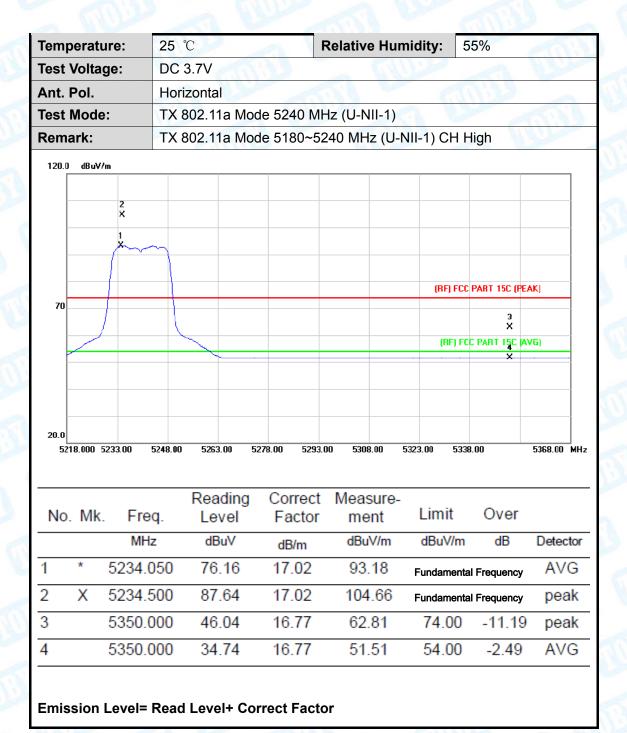


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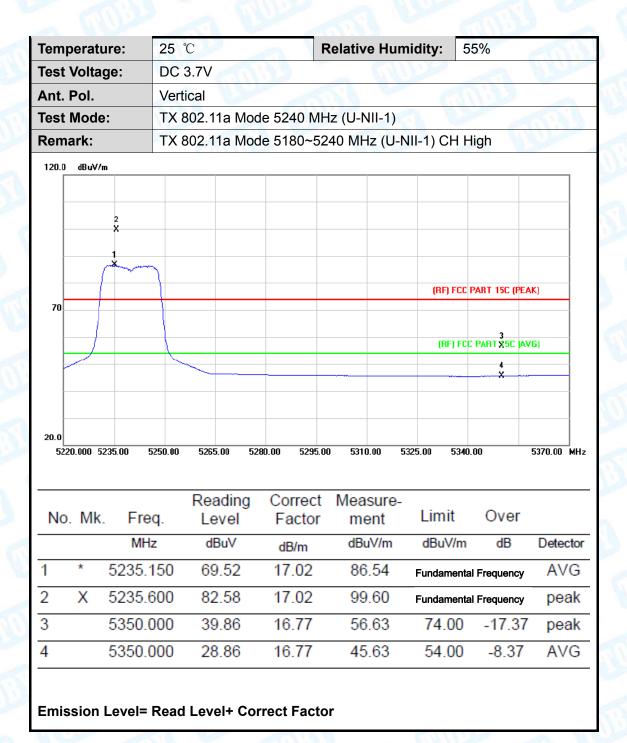


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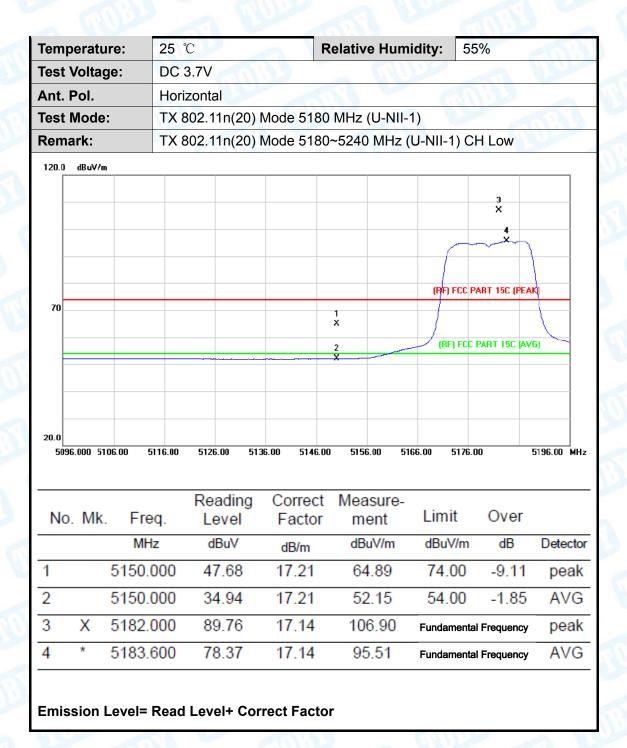


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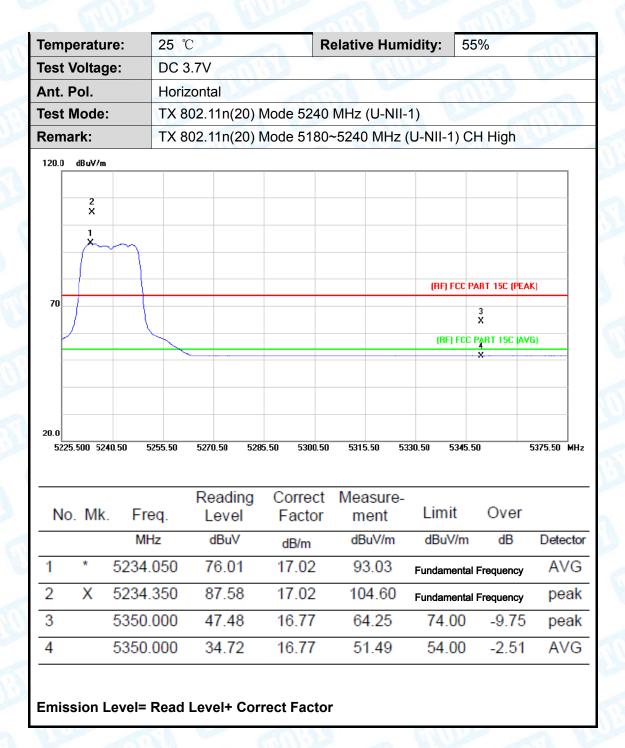


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em	peratu	re:	25 °	C		1	R	elativ	e H	umidi	ty:	55%	ó	6		
est	Voltag	e:	DC 3	3.7V		S			(4)	1111			en.			
nt.	Pol.		Verti	cal				118			Cal	W,	30			
est	Mode:		TX 8	02.11	n(20)) Mode	5180	MHz	(U-N	VII-1)	6			1		
Rem	nark:		TX 8	02.11	n(20)	Mode	5180	~5240	M C	Iz (U-	NII-1)	СН	Low			
120.0) dBuV/m		ı													
											3 X					
													4			
						_					Contraction of the Contraction o	********	×			
											(BE) EC	r par	T 15C (P	BAK)		
70											(III) I C	CTAIL	130 (1	LAKI		
							1 X									
							2				(RF) F	CC PA	RT 15C (AVĠĮ	$\overline{}$	
							×									
20.0	98.000 510	19 00 5	5118.00	5128.0	10 5	138.00	5148.00	1 515	i8.00	5168.0	10 517	78.00		5199	.00	ы
N	lo. Mk.	Fr	eq.		ading vel		orrect actor		asur nent		Limit		Ove	r		
_		MI	•		BuV		B/m		3uV/r		dBuV/r	m	dB	D	etec	ct
1		5150	.000	43	.95		7.21	6	1.16	3	74.00)	-12.8	34	pea	al
		5150	.000	30	.11	17	7.21	4	7.32	2	54.00)	-6.6	8	A۷	(
2				- 00	40	47	7.15	10	03.5	5 -		ital Ei	requenc	.,	pea	al
2	Χ	5175	.500	86	.40	17	. 13	- 10	0.0	~ F	ındamen	ılaı Fi	educiic	٧	-	u

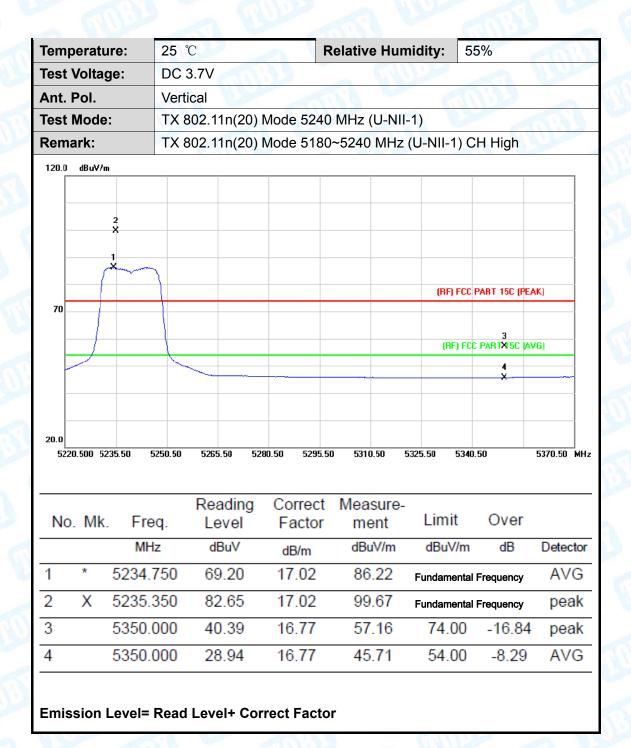


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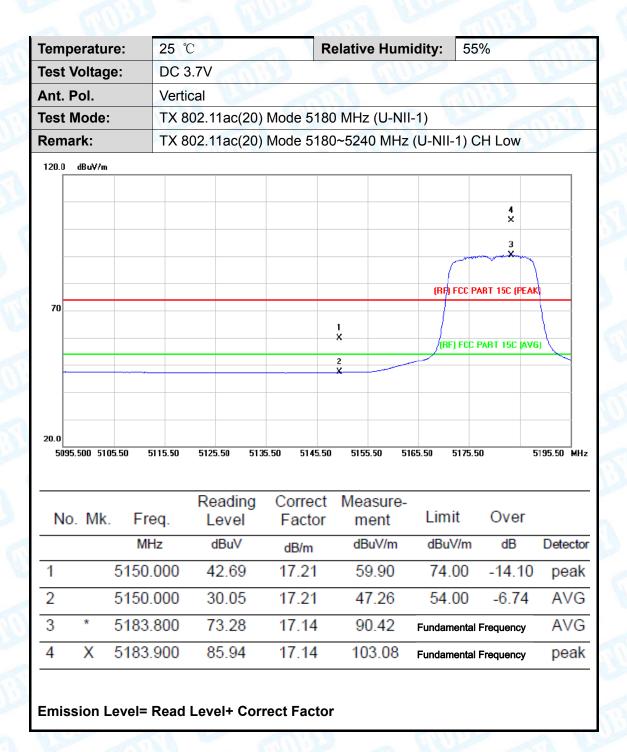


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Tem	perature:	25	$^{\circ}$		1 N	Relativ	e Hum	idity:	55%	60	
Test	t Voltage:	DC	3.7V	THE PERSON NAMED IN			CHI	1.150		AR	H
Ant.	. Pol.	Hor	izonta			150		6	MILLER		h
Test	t Mode:	TX	802.1°	1ac(20)	Mode 5	180 MH	z (U-NI	I-1)			
Ren	nark:	TX	802.1	1ac(20)	Mode 5	180~524	40 MHz	(U-NII-1) CH Low		
120.	0 dBuV/m										_
									3 X		
									4		
											l
								(RF) FC	C PART 150 (PE	AK]	1
70					1						1
							ļ.,	(DE)	TOO DADT 150	WC)	-
					2			(HF) F	CC PART 15C A	Wat	
20.0											
	101.000 5111.00	5121.00	5131	.00 514	\$1.00 5 15	i1.00 516	1.00 51	171.00 51	81.00	5201.00	MH
			Rea	ding	Correc	t Mea	sure-				_
No	o. Mk. F	req.		vel	Facto	r me	ent	Limit	Over		
	N	ИHz	dB	₿uV	dB/m	dBı	uV/m	dBuV/n	n dB	Detec	to
1	515	0.000	47	.20	17.21	64	.41	74.00	-9.59	pea	ak
2	5150	0.000	34	.90	17.21	52	2.11	54.00	-1.89	AV	G
3		1.800		.02	17.14		4.16		ital Frequency		
-		3.500		.23	17.14		2.37				
4		< C1111	75	13	1/14	97	.37	Fundamen	tal Frequency	ΑV	G

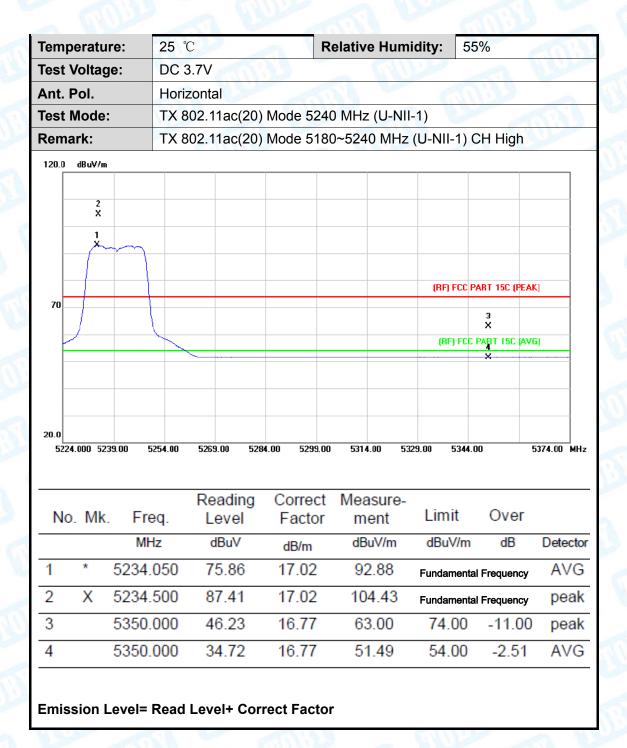


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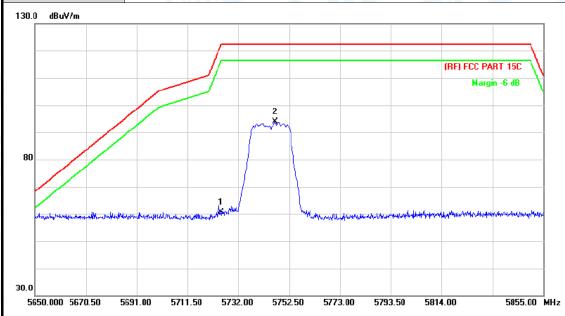
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emp	eratu	re:	25 °	C			Re	lative	e Hur	nidity	: 55	5%		
Test \	/oltag	je:	DC 3	3.7V		13			OH.	17.7	9		AR	J.E
۱nt. F	ol.		Verti	cal	A STATE OF THE PARTY OF THE PAR		1				CUI	1.73		A.
Test N	/lode:		TX 8	02.11a	c(20) l	Mode 5	240	MHz	(U-N	III-1)	63			
Rema	rk:		TX 8	02.11a	c(20) I	Mode 5	180	~524	0 MH	z (U-N	III-1) (CH High		
120.0	dBuV/m													
		2												
		<												1
	1 X													$\frac{1}{1}$
	-									- 0	SEI ECC E	PART 15C (PEA	SK)	-
70											11,1001	AII 130 (12)	-1()	-
												3		
	<u> </u>										(RF) FCC	PART 15C (A)	/G)	-
												4 ×		1
														$\frac{1}{1}$
														$\frac{1}{1}$
20.0	000 523	77.00 5	252.00	5267.00	5282.	00 F2	97.00	5312	100	5327.00	5342.	00	5372.00	
3222.	.000 32.	57.00 3	1232.00	3267.00	3202.	00 52	37.00	3312		3327.00	J3 4 Z.	00	3372.00	mı
				Read	lina	Corre	ect	Mea	sure	_				_
No.	Mk.	. Fre	eq.	Lev		Fact			ent		mit	Over		
		MH	lz	dBu	V	dB/m	1	dBı	uV/m	dE	BuV/m	dB	Dete	ct
1	*	5234.	600	69.1	19	17.0	2	86	6.21	Fund	amenta	l Frequency	A۱	/(
2	Χ	5235.	650	82.4	13	17.0	2	99	9.45	Fund	amenta	l Frequency	pe	al
3		5350.	000	41.7	70	16.7	7	58	3.47	7	4.00	-15.53	B pe	al
		5350.	000	28.8	84	16.7	7	45	5.61	5	4.00	-8.39	A۱	/(-



Page: 103 of 192

Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V		- 1 USA					
Ant. Pol.	Horizontal							
Test Mode:	TX 802.11a Mode \$	X 802.11a Mode 5745 MHz (U-NII-3)						
Remark:	N/A	WILLIAM STATE	THE RESERVE					
130.0 dBuV/m								

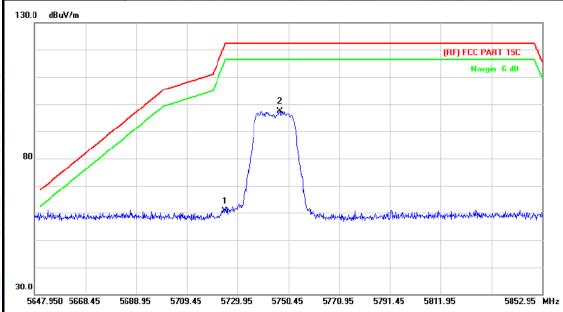


No.	Mk.	Freq.			Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	42.89	17.84	60.73	122.30	-61.57	peak
2	*	5746.965	75.94	17.98	93.92	122.30	-28.38	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	THUL					
Ant. Pol. Vertical							
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)						
Remark:	N/A						



No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	42.68	17.84	60.52	122.30	-61.78	peak
2	*	5746.965	79.40	17.98	97.38	122.30	-24.92	peak



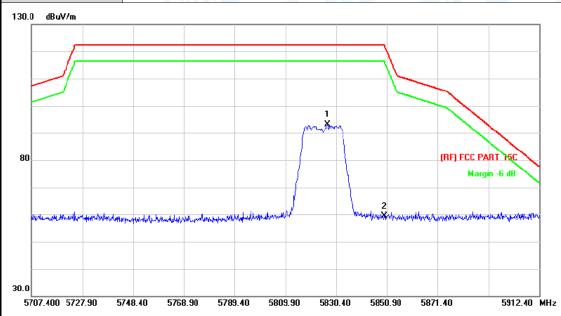
Page: 105 of 192

Test Voltage: DC 3.7V Ant. Pol. Horizontal Test Mode: TX 802.11a Mode 5825 MHz (U-NII-3) Remark: N/A 130.0 dBuV/m (RF) FCC PART NC Margin - 6 dB 2	Temperatu	ıre: 25	$^{\circ}$ C	R	elative Humi	dity: 55	5%	
Test Mode: TX 802.11a Mode 5825 MHz (U-NII-3) Remark: N/A 130.0 dBuV/m (RF) FCC PART FC Margin -6 dB	Test Voltage	ge: DC	3.7V	33	enn.	1	- N	The second
Remark: N/A 130.0 dBuV/m (RF) FCC PART No. Margin -6 dB 2	Ant. Pol.	Но	rizontal	1	118	CUL	1:32	
130.0 dBuV/m (RF) FCC PART \SC Margin - 5 dB 2	Test Mode	: TX	802.11a Mode	e 5825 MH	z (U-NII-3)	63		
(RF) FCC PART NC Margin -6 dB	Remark:	N/A	Throng I		WILL DE	2	a 113	1 Land
(RF) FCC PART ISC Margin -6 dB 2	130.0 dBuV/n	n						
20.0		and a grant franchis and a state of the state of the	gent have been great from the property of the		ma 2		Margin -6	dВ
5717.650 5738.15 5758.65 5779.15 5799.65 5820.15 5840.65 5861.15 5881.65 5922.65 M	30.0 5717 650 57	738 15 5758 65	5779 15 579	9 65 5820 15	5840 65 596	1 15 5881 (55 5	922 65 MH
Reading Correct Measure- No. Mk. Freq. Level Factor ment Limit Over	No. Mk	. Freq.				Limit	Over	
No. Mk. Freq. Level Factor ment Limit Over	No. Mk	<u> </u>	Level	Factor	ment			Detecto
No. Mk. Freq. Level Factor ment Limit Over MHz dBuV dB/m dBuV/m dBuV/m dB Detector		MHz	Level dBuV	Factor dB/m	ment dBuV/m	dBuV/m	dB	Detecto



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical						
Test Mode:							
Remark:	N/A						
130.0 dBuV/m							

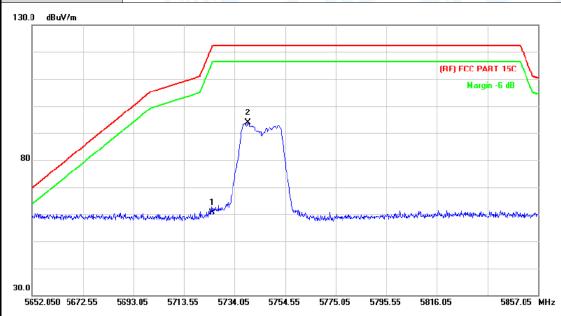


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5826.915	74.54	18.48	93.02	122.30	-29.28	peak
2		5850.000	40.77	18.62	59.39	122.30	-62.91	peak



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Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	THE PARTY OF						
Ant. Pol.	Horizontal							
Test Mode:	TX 802.11n(20) Mode 57	TX 802.11n(20) Mode 5745 MHz (U-NII-3)						
Remark: N/A								

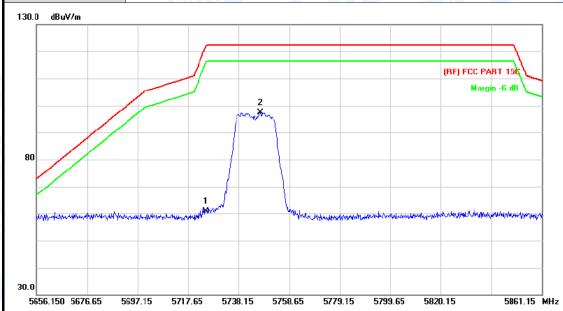


No	. Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	42.73	17.84	60.57	122.30	-61.73	peak
2	*	5739.380	75.83	17.93	93.76	122.30	-28.54	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11n(20) Mode 5745 MHz (U-NII-3)						
Remark:	N/A						



No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	43.04	17.84	60.88	122.30	-61.42	peak
2	*	5746.965	79.45	17.98	97.43	122.30	-24.87	peak



2

Report No.: TB-FCC157635

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Temperature:	25 ℃	R	elative Humidity	55 %	
Test Voltage:	DC 3.7V	130	CHILL'S		Alle
Ant. Pol.	Horizontal		13		
Test Mode:	TX 802.11n(20)	Mode 5825	MHz (U-NII-3)	Comment	
Remark:	N/A		WHI TO SEE	A Y	
130.0 dBuV/m					
/					
/					
		1			
		X.	η		
80					
00				(DE) FCC DAD	1
			2	(RF) FCC PART Margin -	
meninament a language the	hudranis for high many and property	and planty and	man Salan Mar war	farying a bring play and a sept the shock of	to the state of th
30.0					
5719.700 5740.20	5760.70 5781.20 50	801.70 5822.20	5842.70 5863.20	5883.70	5924.70 MHz
	Doading	Corroct	Moscuro		
No. Mk. Fr	Reading ea. Level		Measure- ment Li	mit Over	
	Reading eq. Level Hz dBuV	Correct Factor	ment Li	mit Over	Detecto

60.27

122.30 -62.03

peak

Emission Level= Read Level+ Correct Factor

41.65

18.62

5850.000



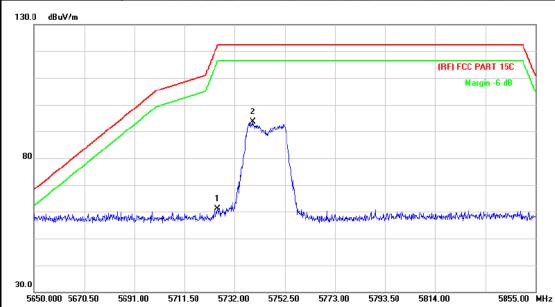
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Temperature:	25 ℃	Re	elative Humic	dity: 55	%	
Test Voltage:	DC 3.7V	30	- CHI		-3 1	MAP
Ant. Pol.	Vertical	Will be	11	11150	133	
Test Mode:	TX 802.11n(20)	Mode 5825	MHz (U-NII-3))		110
Remark:	N/A	3	WILL DE		3 MA	1 lease
130.0 dBuV/m						
				\		
			1 ,, X			
80				נו	RF) FCC PART	DEC.
					Margin -6	qB
				2		
eterediteteseden jakopalen etereteise	fet and and fet and an annual state of the fet of the f	Providence of the state of the	Montherny	2 Ye rrandayay	who we will be the second of the second	heappyanheitschaf
30.0						
5705.350 5725.85	5746.35 5766.85 57	87.35 5807.85	5828.35 584	8.85 5869.3	35 5	910.35 MI
No. Mk. F	Reading reg. Level	Correct Factor	Measure- ment	Limit	Over	
	MHz dBuV	dB/m	dBuV/m	dBuV/m	dB	Detecto
1 * 582	7.120 74.49	18.48	92.97	122.30	-29.33	peak



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	Temperature:	25 ℃	Relative Humidity:	55%				
	Test Voltage:	DC 3.7V	THE PARTY OF THE P	73				
	Ant. Pol.	Horizontal	Horizontal					
	Test Mode:	TX 802.11ac(20) Mode 5	TX 802.11ac(20) Mode 5745 MHz (U-NII-3)					
d	Remark:	N/A						

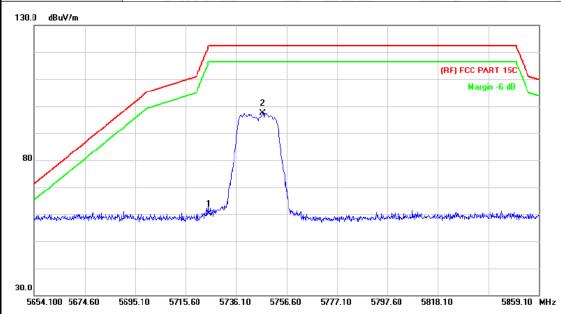


No.	Mk.	Freq.			Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	43.30	17.84	61.14	122.30	-61.16	peak
2	*	5739.380	75.63	17.93	93.56	122.30	-28.74	peak



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•	Temperature:	25 ℃	Relative Humidity:	55%				
	Test Voltage:	DC 3.7V	C 3.7V					
4	Ant. Pol.	Vertical	Vertical					
	Test Mode:	TX 802.11ac(20) Mode 5	745 MHz (U-NII-3)					
	Remark:	N/A						

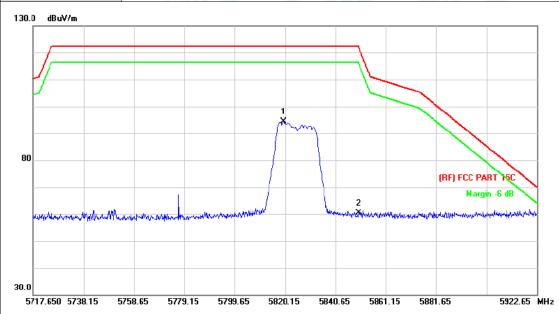


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	42.25	17.84	60.09	122.30	-62.21	peak
2	*	5746.965	79.45	17.98	97.43	122.30	-24.87	peak



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Temper	ature:	25 ℃	Relative Humidity:	55%				
Test Vo	Itage:	DC 3.7V	OC 3.7V					
Ant. Po	ı.	Horizontal						
Test Mo	ode:	TX 802.11ac(20) Mode 5	TX 802.11ac(20) Mode 5825 MHz (U-NII-3)					
Remark	(:	N/A						

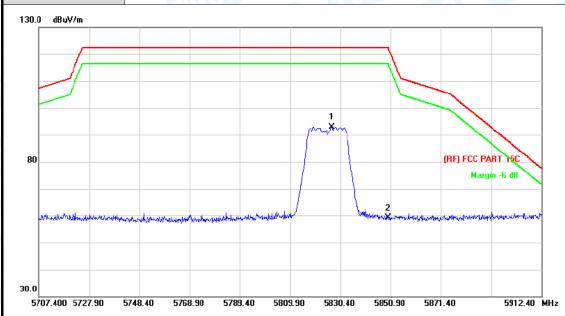


No	o. Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5819.330	76.06	18.43	94.49	122.30	-27.81	peak
2		5850.000	41.83	18.62	60.45	122.30	-61.85	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11ac(20) Mode 5	825 MHz (U-NII-3)					
Remark:	N/A	THE PERSON	THE REAL PROPERTY OF THE PARTY				
130.0 dBuV/m							

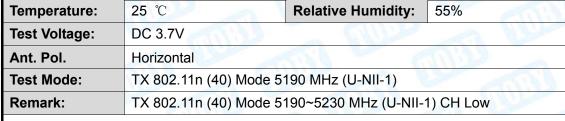


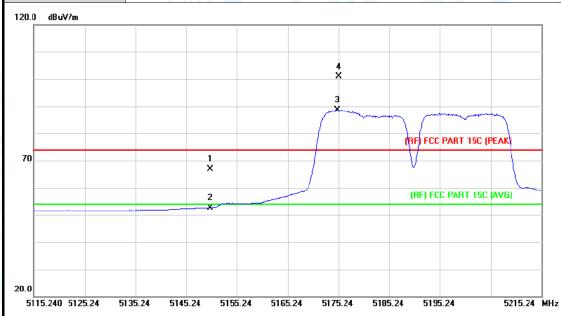
N	lo. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5826.915	74.51	18.48	92.99	122.30	-29.31	peak
2		5850.000	40.62	18.62	59.24	122.30	-63.06	peak



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n(40)/ac(40)

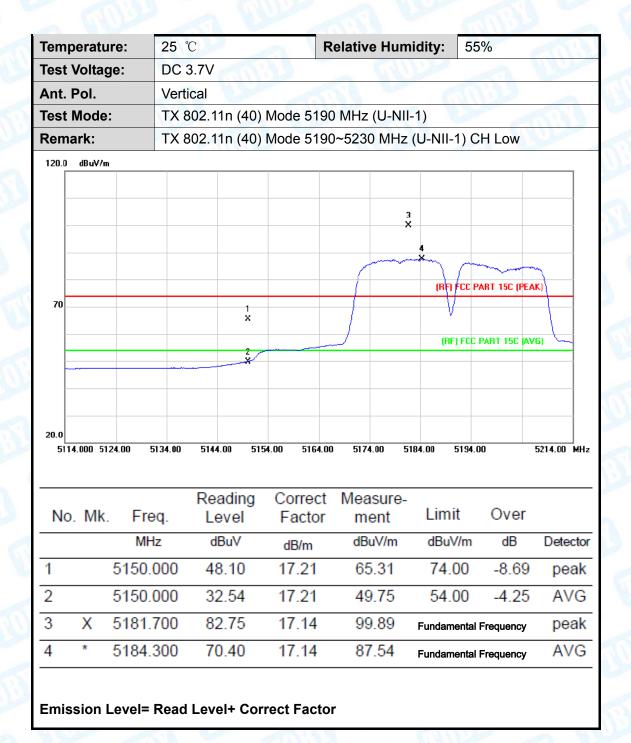




No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	49.59	17.21	66.80	74.00	-7.20	peak
2		5150.000	35.53	17.21	52.74	74.00	-21.26	AVG
3	Χ	5175.040	71.58	17.15	88.73	Fundamental Frequency		AVG
4	*	5175.240	83.77	17.15	100.92	Fundamental I	Frequency	peak

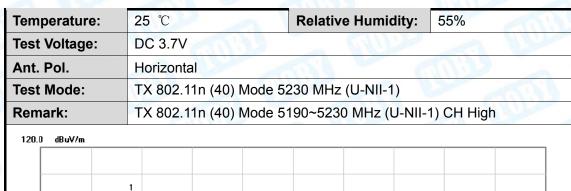


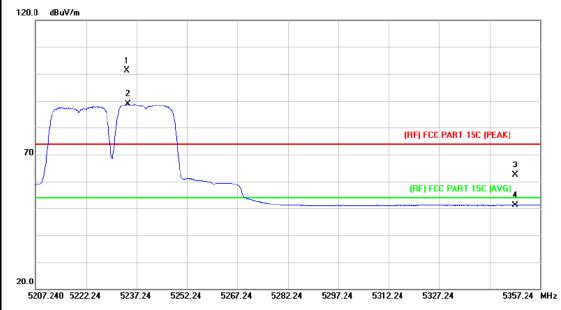
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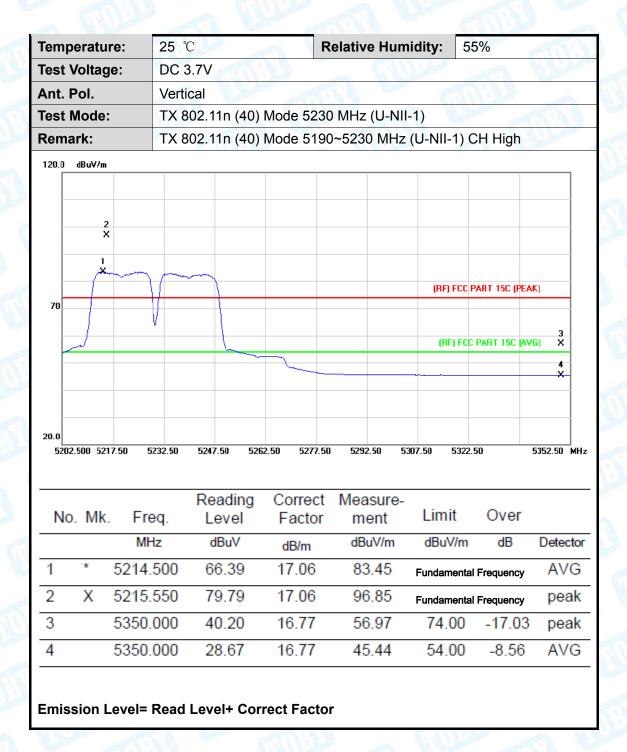




No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	Χ	5234.240	84.21	17.02	101.23	Fundamental Frequency		peak
2	*	5234.690	71.85	17.02	88.87	Fundamental	Frequency	AVG
3		5350.000	45.67	16.77	62.44	74.00	-11.56	peak
4		5350.000	34.25	16.77	51.02	54.00	-2.98	AVG

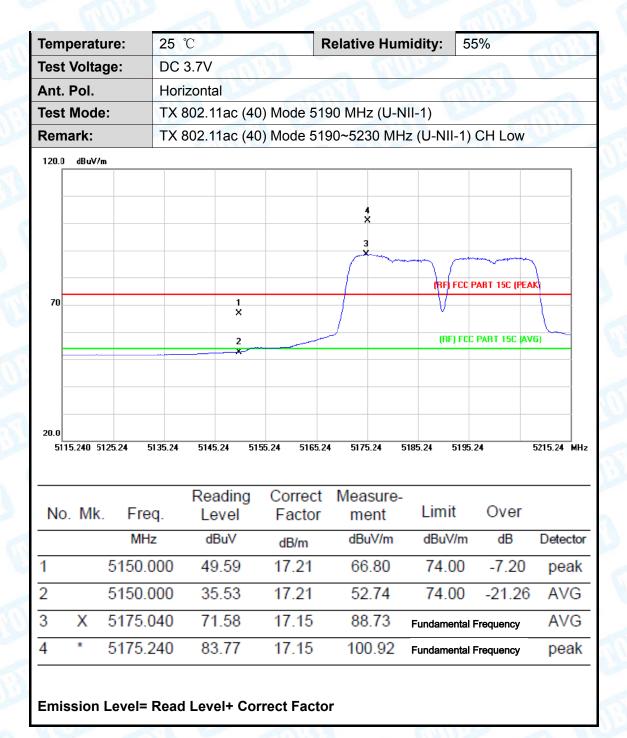


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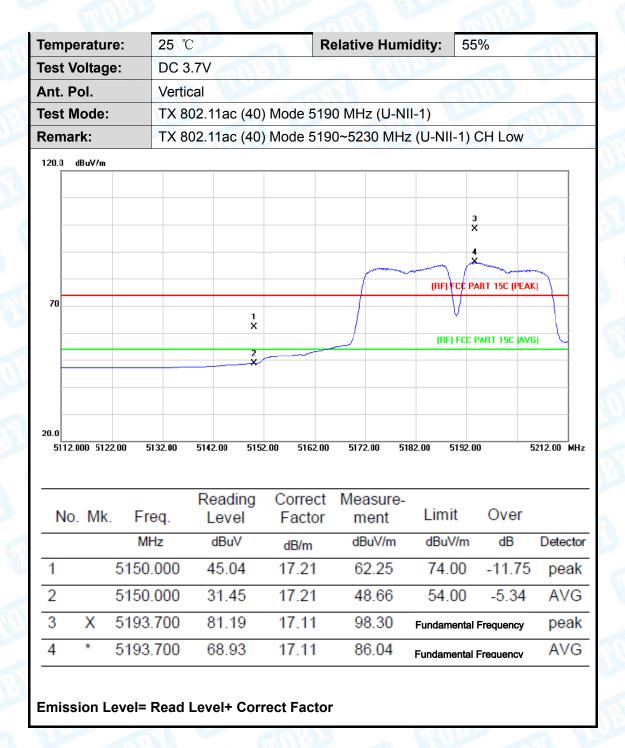


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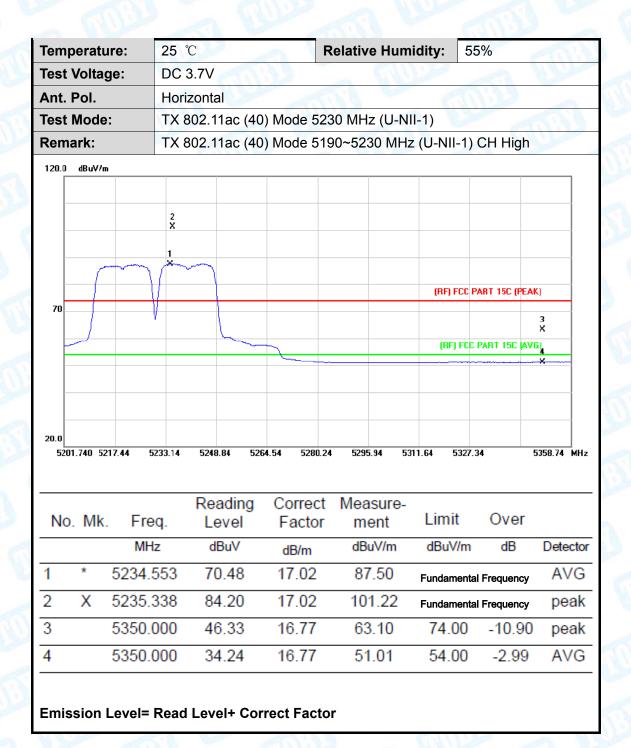


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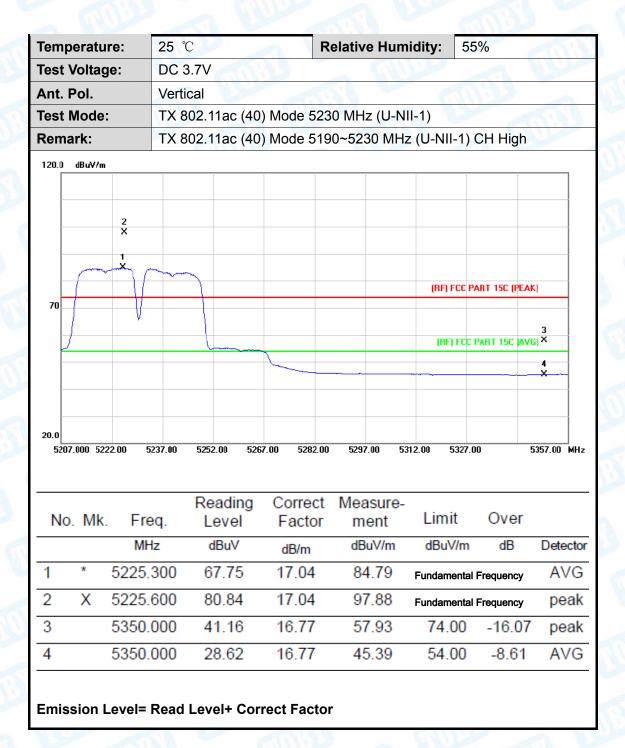


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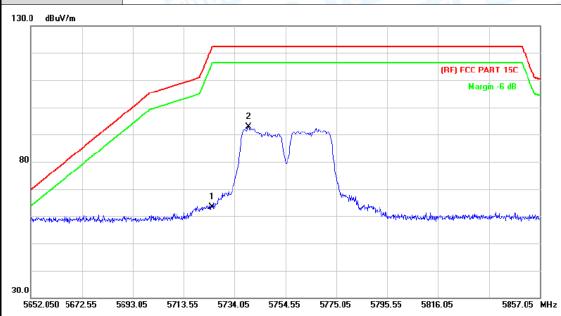
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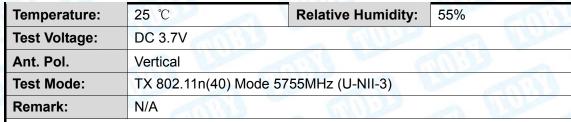
-	Temperature:	25 ℃	Relative Humidity:	55%				
-	Гest Voltage:	DC 3.7V	Militia					
1	Ant. Pol.	Horizontal						
-	Test Mode:	TX 802.11n(40) Mode 5755MHz (U-NII-3)						
I	Remark:	N/A						

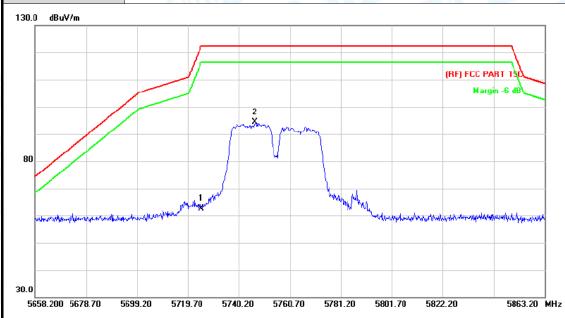


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	45.45	17.84	63.29	122.30	-59.01	peak
2	*	5739.585	74.93	17.93	92.86	122.30	-29.44	peak



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No	. Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	44.75	17.84	62.59	122.30	-59.71	peak
2	*	5746.760	76.47	17.98	94.45	122.30	-27.85	peak



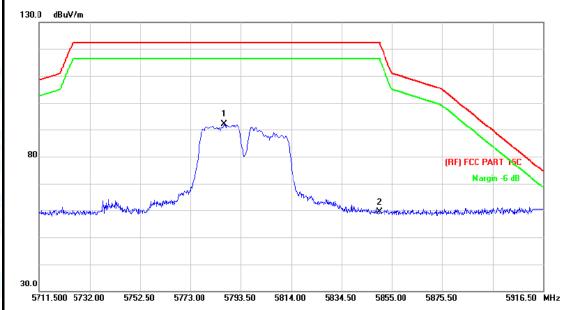
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Temperatu	ire: 25	$^{\circ}$ C	F	elative Humi	dity: 5	5%	
Test Voltag	ge: DC	3.7V	35	- CALL		-	The same
Ant. Pol.	Hor	rizontal		2.1	GUI	1133	
Test Mode	: TX	802.11n(40)	Mode 5795	MHz (U-NII-3	5)		
Remark:	N/A		9	THE STATE OF THE S		2 W	A Laboratory
130.0 dBuV/m							
80	has hard have been the first of the state of	han Market James	1	March managed		(RF) FCC PART Margin -6	в
30.0 5701.250 57			83.25 5803.75		4.75 5865.		5906.25 MH
No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detecto
	E706 70E	73.59	18.23	91.82	122.30	-30.48	peak
1 *	5786.735	10.00	10.20	01.02			Poun



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11n(40) Mod	le 5795 MHz (U-NII-3)					
Remark:	N/A	WILD TO					
130.0 dBuV/m							

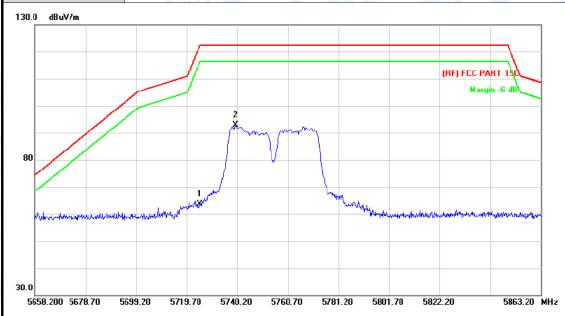


	No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
ľ			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
7	1	*	5786.940	73.91	18.23	92.14	122.30	-30.16	peak
2	2		5850.000	40.68	18.62	59.30	122.30	-63.00	peak



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Į,	Temperature:	25 ℃	Relative Humidity:	55%				
١	Test Voltage:	DC 3.7V						
	Ant. Pol.	Horizontal						
	Test Mode:	TX 802.11ac(40) Mode 5755 MHz (U-NII-3)						
	Remark:	N/A						
				·				

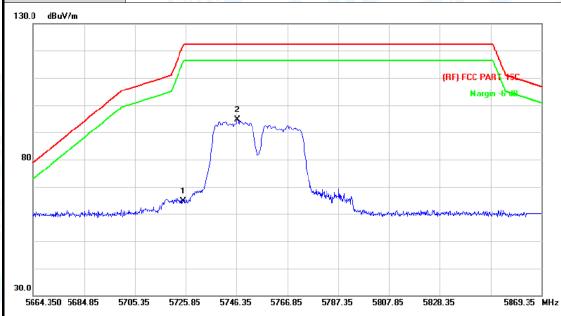


No.	Mk.	Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	45.85	17.84	63.69	122.30	-58.61	peak
2	*	5739.585	74.85	17.93	92.78	122.30	-29.52	peak



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25 ℃	Relative Humidity:	55%				
DC 3.7V						
Vertical						
TX 802.11ac(40) Mode 5755 MHz (U-NII-3)						
N/A						
	DC 3.7V Vertical TX 802.11ac(40) Mode 5	DC 3.7V Vertical TX 802.11ac(40) Mode 5755 MHz (U-NII-3)				

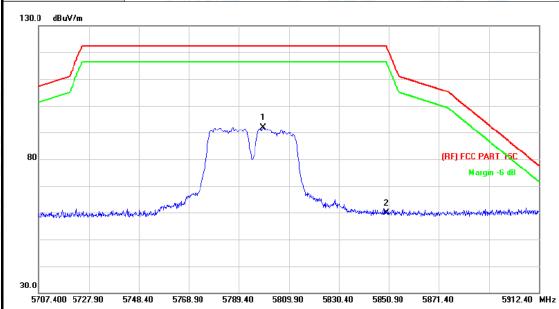


No	. Mk.	Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	46.90	17.84	64.74	122.30	-57.56	peak
2	*	5746.760	76.55	17.98	94.53	122.30	-27.77	peak



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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11ac(40) Mode 5795 MHz (U-NII-3)						
Remark:							



No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5799.445	73.55	18.31	91.86	122.30	-30.44	peak
2		5850.000	41.21	18.62	59.83	122.30	-62.47	peak



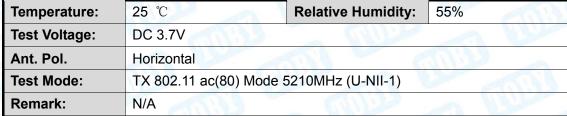
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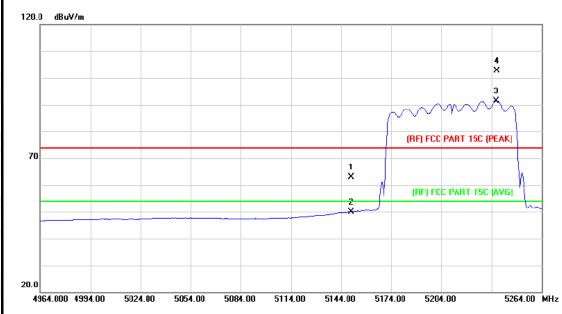
Temperature	25 °C	C	Re	lative Humi	dity: 5	5%			
est Voltage:	: DC 3	3.7V	NO T	THI .		- N			
Ant. Pol.	Verti	Vertical							
Test Mode:	TX 8	TX 802.11ac(40) Mode 5795 MHz (U-NII-3)							
Remark:	N/A								
130.0 dBuV/m									
					\				
		1							
		***	many						
80						RF) FCC PART Margin -6			
	. 11 40	Marriage Park	1		2				
de tady agreement grande	work of the Mary market			They were wear of the second	**************************************	aproduced account of the control of	destablished weeks		
30.0									
5707.400 5727.	.90 5748.40	5768.90 576	89.40 5809.90	5830.40 58	50.90 5871.	40 5	912.40 MI		
		Reading	Correct	Measure-					
No. Mk.	Freq.	Level	Factor	ment	Limit	Over			
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detecto		
1 * 5	786.940	73.91	18.23	92.14	122.30	-30.16	peak		



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ac(80)

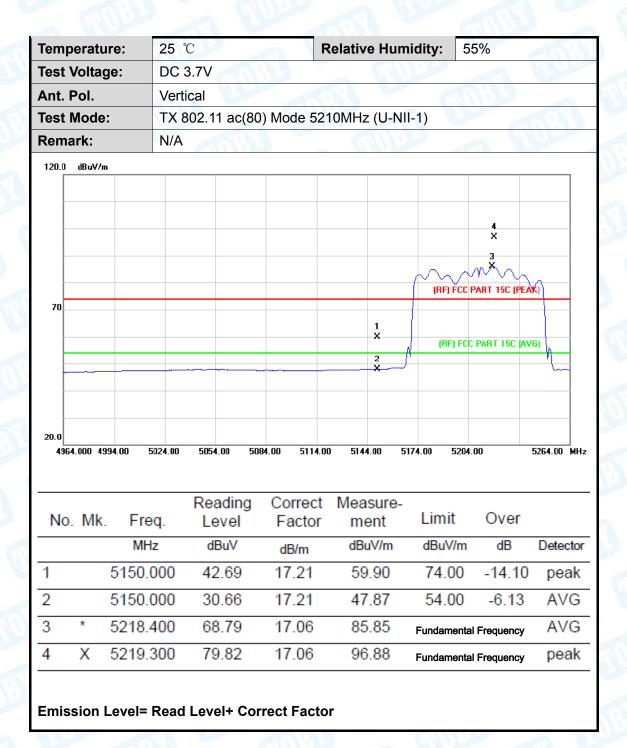




No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	45.68	17.21	62.89	74.00	-11.11	peak
2		5150.000	32.77	17.21	49.98	54.00	-4.02	AVG
3	*	5237.000	74.41	17.01	91.42	Fundamenta	al Frequency	AVG
4	X	5237.300	85.51	17.01	102.52	Fundamenta	al Frequency	peak



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Temperatu	re: 25	5 °C	R	elative Hum	idity: 5	5%	
Test Voltag	je: D(C 3.7V					
Ant. Pol.	Ho	orizontal			GUI	1:30	
Test Mode	: TX	(802.11 ac(8	0) Mode 577	'5MHz (U-NII	-3)		
Remark:	N/	A		MIND		a W	
130.0 dBuV/m							
80 Applysicantivity	was the ball of the state of th		2	Note to be the second of the s	Joseph John St. Market	REJ FCC PART : Margin -6	dВ
30.0 5652.950 56	78.95 5704.95	5 5730.95 5	756.95 5782.95	5808.95 583	84.95 5860.9	95 5	912.95 MH
No Mk	Fred	Reading		Measure-	Limit	Over	
No. Mk.		Level	Factor	ment	Limit	Over	Detecto
	MHz	Level dBuV	Factor dB/m	ment dBuV/m	dBuV/m	dB	Detecto
1	MHz 5725.000	Level dBuV 50.03	Factor dB/m 17.84	ment dBuV/m 67.87	dBuV/m 122.30	dB -54.43	peak
	MHz	Level dBuV 50.03 79.34	Factor dB/m	ment dBuV/m	dBuV/m	dB -54.43 -24.74	



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Temperature:	25 ℃ Relative Humidity: 55%
Test Voltage:	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	TX 802.11 ac(80) Mode 5775MHz (U-NII-3)
Remark:	N/A
130.0 dBuV/m	



No	. Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	45.39	17.84	63.23	122.30	-59.07	peak
2	*	5802.190	77.66	18.31	95.97	122.30	-26.33	peak
3		5850.000	46.00	18.62	64.62	122.30	-57.68	peak