

Shenzhen Toby Technology Co., Ltd.



Report No.: TBR-C-202403-0360-72

1 of 100 Page:

Radio Test Report FCC ID: 2AW68-N37663U

IC: 20522-N37663U

	104 10	10. 20022-1437 0030		
Report No.	:	TBR-C-202403-0360-72		
Applicant		Shenzhen SDMC Technology Co.,Ltd		
Equipment Under Te	est (El	JT)		
EUT Name		Wi-Fi BT Module		
Model No.	77	CDW-N37663U-02		
Series Model No.	:			
Brand Name	<u>)</u>	N/A		
Sample ID	•	HC-C-202403-0360-02-01&HC-C-202403-0360-02-02		
Receipt Date		2024-04-22		
Test Date		2024-04-23 to 2024-06-04		
Issue Date	11/11/11	2024-06-05		
Standards	03	FCC Part 15 Subpart C 15.247 RSS-247 Issue 3 August 2023 RSS-Gen Issue 5 April 2018+Amendment 1 (March 2019)+Amendment 2 (February 2021)		
Test Method	: {\	ANSI C63.10: 2013 KDB 558074 D01 15.247 Meas Guidance v05r02 KDB 662911 D01 Multiple Transmitter Output v02r01		
Conclusions	:	PASS		
	1	In the configuration tested, the EUT complied with the standards specified above.		
Test By : Mike Yan Mike Yan				
Reviewed By	(II)	Henry Huang		
Approved By	Approved By : Wan Su			

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

Report No.: TBR-C-202403-0360-72 Page: 2 of 100

Contents

CON	IIENIS	
1.	GENERAL INFORMATION ABOUT EUT	
	1.1 Client Information	5
	1.2 General Description of EUT (Equipment Under Test)	5
	1.3 Antenna Information	6
	1.4 Block Diagram Showing the Configuration of System Tested	7
	1.5 Description of Support Units	
	1.6 Description of Test Mode	
	1.7 Description of Test Software Setting	
	1.8 Measurement Uncertainty	
	1.9 Test Facility	
2.	TEST SUMMARY	
3.	TEST SOFTWARE	11
4.	TEST EQUIPMENT AND TEST SITE	12
5.	CONDUCTED EMISSION TEST	13
	5.1 Test Standard and Limit	
	5.2 Test Setup	
	5.3 Test Procedure	
	5.4 Deviation From Test Standard	
	5.5 EUT Operating Mode	14
	5.6 Test Data	
6.	RADIATED AND CONDUCTED UNWANTED EMISSIONS	15
	6.1 Test Standard and Limit	15
	6.2 Test Setup	
	6.3 Test Procedure	
	6.4 Deviation From Test Standard	18
	6.5 EUT Operating Mode	
	6.6 Test Data	18
7.	RESTRICTED BANDS AND BAND EDGE REQUIREMENT	19
	7.1 Test Standard and Limit	19
	7.2 Test Setup	
	7.3 Test Procedure	
	7.4 Deviation From Test Standard	21
	7.5 EUT Operating Mode	21
	7.6 Test Data	21
8.	BANDWIDTH TEST	22
	8.1 Test Standard and Limit	22
	8.2 Test Setup	22
	8.3 Test Procedure	22
	8.4 Deviation From Test Standard	23
	8.5 EUT Operating Mode	23





Report No.: TBR-C-202403-0360-72 Page: 3 of 100

	8.6 Test Data	
9.	RF OUTPUT POWER	24
	9.1 Test Standard and Limit	24
	9.2 Test Setup	24
	9.3 Test Procedure	24
	9.4 Deviation From Test Standard	24
	9.5 EUT Operating Mode	
	9.6 Test Data	24
10.	POWER SPECTRAL DENSITY	25
	10.1 Test Standard and Limit	25
	10.2 Test Setup	25
	10.3 Test Procedure	
	10.4 Deviation From Test Standard	25
	10.5 Antenna Connected Construction	25
	10.6 Test Data	
11.	ANTENNA REQUIREMENT	26
	11.1 Test Standard and Limit	26
	11.2 Deviation From Test Standard	26
	11.3 Antenna Connected Construction	26
	11.4 Test Data	26
ATT	ACHMENT ACONDUCTED EMISSION TEST DATA	27
	ACHMENT BUNWANTED EMISSIONS DATA	
	ACHMENT CRESTRICTED BANDS REQUIREMENT TEST DATA	
\neg	ACHINEIT CTALCHAOLED DANDO ILEGUILENENT ILOI DATA	





Report No.: TBR-C-202403-0360-72 Page: 4 of 100

Revision History

Report No.	Version	Description	Issued Date
TBR-C-202403-0360-72	Rev.01	Initial issue of report	2024-06-05
	MODI		MIDE
TOUR STATE	City City		1000
		TOPE TOPE	WURD
MUDIS			
Dis Di		ang)	MORE
THE THE			
(10)	0000		MODE





Page: 5 of 100

1. General Information about EUT

1.1 Client Information

Applicant	Shenzhen SDMC Technology Co.,Ltd		
Address	doom 1022, Floor 10, Building A, Customs Building, No. 2, Xin'an rd Road, Dalang Community, Xin'an Street, Bao'an District, henzhen, China		
Manufacturer	Shenzhen SDMC Technology Co.,Ltd		
Address	Room 1022, Floor 10, Building A, Customs Building, No. 2, Xin'an 3rd Road, Dalang Community, Xin'an Street, Bao'an District, Shenzhen, China		

1.2 General Description of EUT (Equipment Under Test)

riodalo	Wi-Fi BT Module		
CDW-N37663U-02			
N/A			
Frequency:	2412MHz~2462MHz		
f Channel:	11 channels		
Gain:	Please see the Clause 1.3		
n Type:	802.11b: DSSS (DQPSK, DBPSK, CCK) 802.11g: OFDM (BPSK, QPSK,16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK,16QAM, 64QAM)		
DC 3.3V			
N/A			
N/A			
	n Type:		

Remark

- (1) The antenna gain provided by the applicant, the verified for the RF conduction test provided by TOBY test lab.
- (2) The above antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.
- (3) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.





Page: 6 of 100

(4) Channel List:

	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
ı	01	2412	05	2432	09	2452
	02	2417	06	2437	10	2457
6	03	2422	07	2442	11	2462
-	04	2427	08	2447		

Note: CH 01~CH 11 for 20MHz Bandwidth CH 03~CH 09 for 40MHz Bandwidth

1.3 Antenna Information

Antenna(XINGHE)					
Antenna Type: FPC	Model:	YX-PH1020-WIFI0-V1.0	Max. Gain: 3.56dBi		
Automia Type: TT 6	Wiodol.	YX-PH1020-WIFI1-V1.0	Max. Gain: 3.67dBi		



Antenna(YIJIA)



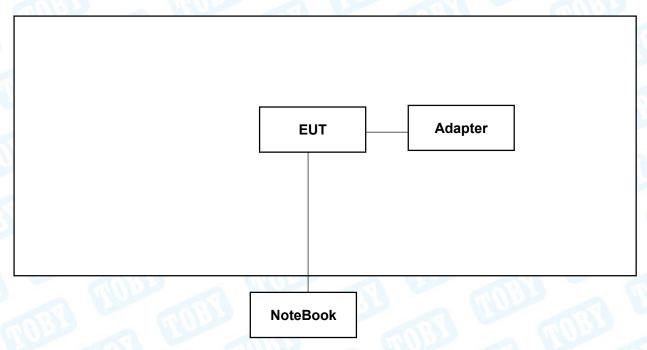
Note: This module will use two different WiFi antennas, and only the one with the larger antenna gain(*Antenna1: 3.80dBi; Antenna2: 3.67dBi*) will be used for conducted test.





Report No.: TBR-C-202403-0360-72 Page: 7 of 100

1.4 Block Diagram Showing the Configuration of System Tested



1.5 Description of Support Units

Equipment Information					
Name	Model	S/N	Manufacturer	Used "√"	
Notebook	HYLR-WFQ9	AAMFPM1418000165	honour	√	
Adapter	X552	25707	UGREEN	1	





Page: 8 of 100

1.6 Description of Test Mode

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

For Conducted Emission Test(AC POWER)			
Final Test Mode Description			
Mode 1	TX b Mode Channel 01		
Fo	r Radiated and RF Conducted Test		
Final Test Mode Description			
Mode 2	TX Mode b Mode Channel 01/06/11		
Mode 3	TX Mode g Mode Channel 01/06/11		
Mode 4 TX Mode n(HT20) Mode Channel 01/06/11			
Mode 5 TX Mode n(HT40) Mode Channel 03/06/09			

Note: This module will use two different antennas, and only the one with the larger antenna gain will be used for conducted test. Radiated test with two kinds of antennas, and all tests are performed on the antenna(XINGHE) and some tests are performed on the antenna(YIJIA).

Note

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

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

802.11b Mode: CCK 802.11g Mode: OFDM

802.11n (HT20) Mode: MCS 0 802.11n (HT40) Mode: MCS 0

- (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.





Page: 9 of 100

1.7 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 RF setting.

Test Mode: Continuously transmitting				
		Data Rate Channel	Parameters	
Mode	Data Rate		Ant.1	Ant.2
	CCK/1Mbps	01	20	20
802.11b	CCK/1Mbps	06	20	20
133	CCK/1Mbps	11	20	20
	OFDM/6Mbps	01	1A	1A
802.11g	OFDM/6Mbps	06	1A	1A
	OFDM/6Mbps	11	1A	1A
	MCS 0	01	1A	1A
802.11n(HT20)	MCS 0	06	1A	1A
THE REAL PROPERTY.	MCS 0	11	1A	1A
WURL T	MCS 0	03	16	16
802.11n(HT40)	MCS 0	06	16	16
	MCS 0	09	16	16





Page: 10 of 100

1.8 Measurement Uncertainty

The reported uncertainty of measurement $y\pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence

of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	±3.50 dB ±3.10 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.50 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB

1.9 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1/F.,Building 6, Rundongsheng Industrial Zone, Longzhu, Xixiang, Bao'an District, 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: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.FCC Accredited Test Site Number: 854351. Designation Number: CN1223.

IC Registration No.: (11950A)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A. CAB identifier: CN0056.





Report No.: TBR-C-202403-0360-72 Page: 11 of 100

2. Test Summary

Standard Section		Took Itam	Toot Comple(a)		
FCC	IC	Test Item	Test Sample(s)	Judgment	Remark
FCC 15.207(a)	RSS-Gen 8.8	Conducted Emission	HC-C-202403-0360-02-02	PASS	N/A
FCC 15.209 & 15.247(d)	RSS-Gen 8.9 & RSS 247 5.5	Radiated Unwanted Emissions	HC-C-202403-0360-02-02	PASS	N/A
FCC 15.203	RSS-247 6.8	Antenna Requirement	HC-C-202403-0360-02-01	PASS	N/A
FCC 15.247(a)(2)	RSS-247 5.2(a)	6dB Bandwidth	HC-C-202403-0360-02-01	PASS	N/A
	RSS-Gen 6.7	99% Occupied bandwidth	HC-C-202403-0360-02-01	PASS	N/A
FCC 15.247(b)(3)	RSS-247 5.4(d)	RF Output Power and E.I.R.P	HC-C-202403-0360-02-01	PASS	N/A
FCC 15.247(e)	RSS-247 5.2(b)	Power Spectral Density	HC-C-202403-0360-02-01	PASS	N/A
FCC 15.247(d)	RSS-Gen 8.10& RSS-247 5.5	Band Edge Measurements	HC-C-202403-0360-02-01	PASS	N/A
FCC 15.207(a)	RSS-Gen 8.9 & RSS 247 5.5	Conducted Unwanted Emissions	HC-C-202403-0360-02-01	PASS	N/A
FCC 15.247(d)	RSS-Gen 8.10& RSS-247 5.5	Emissions in Restricted Bands	HC-C-202403-0360-02-02	PASS	N/A
	1	On Time and Duty Cycle	HC-C-202403-0360-02-02		N/A

Note: N/A is an abbreviation for Not Applicable.

3. Test Software

Test Item	Test Software	Manufacturer	Version No.
Conducted Emission	EZ-EMC	EZ	CDI-03A2
Radiation Emission	EZ-EMC	EZ	FA-03A2RE
Radiation Emission	EZ-EMC	EZ	FA-03A2RE+
RF Conducted Measurement	MTS-8310	MWRFtest	V2.0.0.0
RF Test System	JS1120	Tonscend	V3.2.22





Report No.: TBR-C-202403-0360-72 Page: 12 of 100

4. Test Equipment and Test Site

Test Site				
No.	Test Site	Manufacturer	Specification	Used
TB-EMCSR001	Shielding Chamber #1	YIHENG	7.5*4.0*3.0 (m)	√
TB-EMCSR002	Shielding Chamber #2	YIHENG	8.0*4.0*3.0 (m)	\checkmark
TB-EMCCA001	3m Anechoic Chamber #A	ETS	9.0*6.0*6.0 (m)	X
TB-EMCCB002	3m Anechoic Chamber #B	YIHENG	9.0*6.0*6.0 (m)	√

Conducted Emissio	n Test				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jun. 20, 2023	Jun. 19, 2024
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jun. 20, 2023	Jun. 19, 2024
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jun. 20, 2023	Jun. 19, 2024
LISN	Rohde & Schwarz	ENV216	101131	Jun. 20, 2023	Jun. 19, 2024
Radiation Emission	Test(B Site)				·
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 30, 2023	Aug. 29, 2024
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 20, 2023	Jun. 19, 2024
EMI Test Receiver	Rohde & Schwarz	ESU-8	100472/008	Feb. 23, 2024	Feb. 22, 2025
Bilog Antenna	SCHWARZBECK	VULB 9168	1225	Nov. 13, 2023	Nov. 12, 2025
Horn Antenna	SCHWARZBECK	BBHA 9120 D	2463	Jun. 26, 2022	Jun.25, 2024
Horn Antenna	SCHWARZBECK	BBHA 9170	1118	Feb. 27, 2024	Feb.26, 2026
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jun. 26, 2022	Jun.25, 2024
HF Amplifier	Tonscend	TAP9E6343	AP21C806117	Aug. 30, 2023	Aug. 29, 2024
HF Amplifier	Tonscend	TAP051845	AP21C806141	Aug. 30, 2023	Aug. 29, 2024
HF Amplifier	Tonscend	TAP0184050	AP21C806129	Aug. 30, 2023	Aug. 29, 2024
Pre-amplifier	HP	8449B	3008A00849	Feb. 23, 2024	Feb.22, 2025
Highpass Filter	CD	HPM-6.4/18G		N/A	N/A
Highpass Filter	CD	HPM-2.8/18G	(4110)	N/A	N/A
Highpass Filter	XINBO	XBLBQ-HTA67(8-25G)	22052702-1	N/A	N/A
Antenna Conducted	I Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 20, 2023	Jun. 19, 2024
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Aug. 30, 2023	Aug. 29, 2024
Spectrum Analyzer	KEYSIGHT	N9020B	MY60110172	Aug. 30, 2023	Aug. 29, 2024
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Aug. 30, 2023	Aug. 29, 2024
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Aug. 30, 2023	Aug. 29, 2024
NE FOWER SERISOR	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Aug. 30, 2023	Aug. 29, 2024
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Aug. 30, 2023	Aug. 29, 2024
RF Control Unit	Tonsced	JS0806-2	21F8060439	Aug. 30, 2023	Aug. 29, 2024
Power Control Box	Tonsced	JS0806-4ADC	21C8060387	N/A	N/A





Page: 13 of 100

5. Conducted Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard

RSS-Gen 8.8

FCC Part 15.207

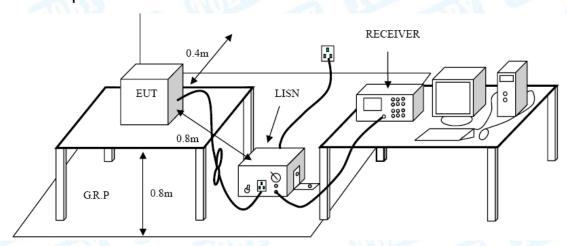
5.1.2 Test Limit

Eraguanav	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.

5.2 Test Setup



5.3 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 9 kHz, and the test frequency band is from 0.15MHz to 30MHz.

5.4 Deviation From Test Standard

No deviation





Page: 14 of 100

5.5 EUT Operating Mode

Please refer to the description of test mode.

5.6 Test Data

Please refer to the Attachment A inside test report.





Page: 15 of 100

6. Radiated and Conducted Unwanted Emissions

6.1 Test Standard and Limit

6.1.1 Test Standard

RSS-Gen 8.9 & RSS 247 5.5 FCC Part 15.209 & FCC Part 15.247(d)

6.1.2 Test Limit

General field strength limits at frequencies Below 30MHz				
Frequency (MHz)	Field Strength (µA/m)*	Field Strength (microvolt/meter)**	Measurement Distance (meters)	
0.009~0.490	6.37/F (F in kHz)	2400/F(KHz)	300	
0.490~1.705	63.7/F (F in kHz)	24000/F(KHz)	30	
1.705~30.0	0.08	30	30	

Note: 1, The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

2, *is for RSS Standard, **is for FCC Standard.

General field strength limits at frequencies above 30 MHz				
Frequency (MHz)	Field strength (µV/m at 3 m)	Measurement Distance (meters)		
30~88	100	3		
88~216	150	3		
216~960	200	3		
Above 960	500	3		

General field strength limits at frequencies Above 1000MHz				
Frequency Distance of 3m (dBuV/m)				
(MHz)	Peak	Average		
Above 1000	74	54		

Note:

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

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

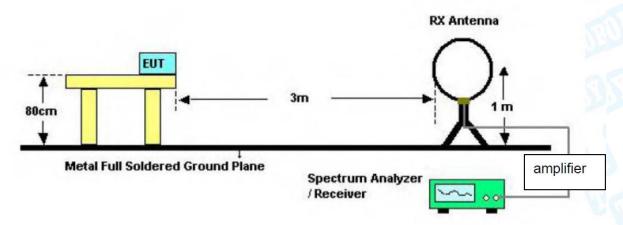
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 5.4(d), the attenuation required shall be 30 dB instead of 20 dB.



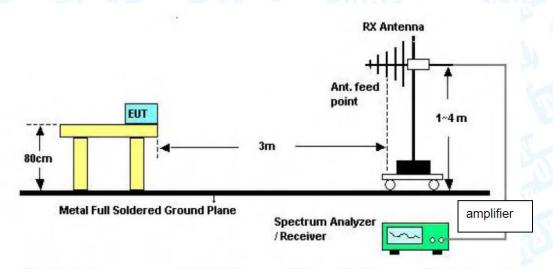
Page: 16 of 100

6.2 Test Setup

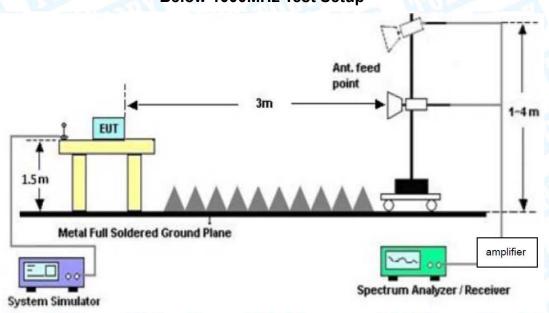
Radiated measurement



Below 30MHz Test Setup



Below 1000MHz Test Setup



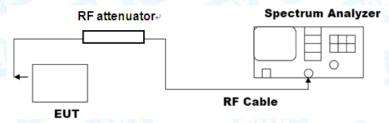
Above 1GHz Test Setup





Page: 17 of 100

Conducted measurement



6.3 Test Procedure

---Radiated measurement

- The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- 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.
- The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- 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.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Below 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.
- Testing frequency range 30MHz-1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection. Testing frequency range 9KHz-150Hz the measuring instrument use VBW=200Hz with Quasi-peak detection. Testing frequency range 9KHz-30MHz the measuring instrument use VBW=9kHz with Quasi-peak detection.
- 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.
- For the actual test configuration, please see the test setup photo.





Page: 18 of 100

--- Conducted measurement

Reference level measurement

Establish a reference level by using the following procedure:

- a) Set instrument center frequency to DTS channel center frequency.
- b) Set the span to≥1.5 times the DTS bandwidth.
- c) Set the RBW = 100 kHz.
- d) Set the VBW≥[3*RBW].
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum PSD level.

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

Emission level measurement

Establish an emission level by using the following procedure:

- a) Set the center frequency and span to encompass frequency range to be measured.
- b) Set the RBW = 100 kHz.
- c) Set the VBW≥[3*RBW].
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.

6.4 Deviation From Test Standard

No deviation

6.5 EUT Operating Mode

Please refer to the description of test mode.

6.6 Test Data

Radiated measurement please refer to the Attachment B inside test report. Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





Page: 19 of 100

7. Restricted Bands and Band Edge Requirement

7.1 Test Standard and Limit

7.1.1 Test Standard

RSS-Gen 8.10 & RSS 247 5.5 FCC Part 15.205 & FCC Part 15.247(d)

7.1.2 Test Limit

Restricted Frequency	Distance Meters(at 3m)		
Band (MHz)	Peak (dBuV/m)	Average (dBuV/m)	
2310 ~2390	74	54	
2483.5 ~2500	74	54	
	Peak (dBm)see 7.3 e)	Average (dBm) see 7.3 e)	
2310 ~2390	-21.20	-41.20	
2483.5 ~2500	-21.20	-41.20	

Note: According the ANSI C63.10 11.12.2 antenna-port conducted measurements may also be used as an alternative to radiated measurements for determining compliance in the restricted frequency bands requirements. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test forcabinet/case emissions is required.

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 5.4(d), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

7.2 Test Setup

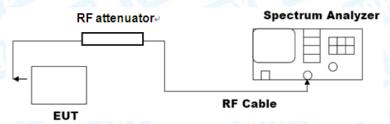
Radiated measurement Ant. feed point Metal Full Soldered Ground Plane System Simulator System Simulator





Page: 20 of 100

Conducted measurement



7.3 Test Procedure

---Radiated measurement

- 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.
- The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- 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.
- The Peak Value and average value both need to comply with applicable limit above 1 GHz.
- 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.
- For the actual test configuration, please see the test setup photo.

--- Conducted measurement

- a) Measure the conducted output power (in dBm) using the detector specified by the appropriate regulatory agency (see 11.12.2.3 through 11.12.2.5 for guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP (see 11.12.2.6 for guidance on determining the applicable antenna gain).
- c) Add the appropriate maximum ground reflection factor to the EIRP (6 dB for frequencies
- ≤30 MHz; 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive; and 0 dB for frequencies > 1000 MHz).





Page: 21 of 100

d) For MIMO devices, measure the power of each chain and sum the EIRP of all chains in linear terms (i.e., watts and mW).

e) Convert the resultant EIRP to an equivalent electric field strength using the following relationship:

 $E = EIRP-20 \log d + 104.8$

where

E is the electric field strength in dBuV/m

EIRP is the equivalent isotropically radiated power in dBm

d is the specified measurement distance in m

- f) Compare the resultant electric field strength level with the applicable regulatory limit.
- g) Perform the radiated spurious emission test.

7.4 Deviation From Test Standard

No deviation

7.5 EUT Operating Mode

Please refer to the description of test mode.

7.6 Test Data

Radiated measurement please refer to the Attachment C inside test report. Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





Page: 22 of 100

8. Bandwidth Test

8.1 Test Standard and Limit

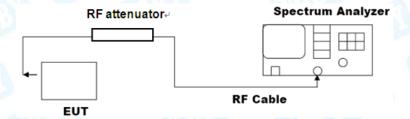
8.1.1 Test Standard

RSS-Gen 6.7 & RSS 247 5.2(a) FCC Part 15.205 & FCC Part 15.247(d)

8.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
-6dB bandwidth (DTS bandwidth)	>=500 KHz	2400~2483.5
99% occupied bandwidth		2400~2483.5

8.2 Test Setup



8.3 Test Procedure

--- DTS bandwidth

- The steps for the first option are as follows:
- a) Set RBW = 100 kHz.
- b) Set the VBW≥[3*RBW].
- c) Detector = peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

---occupied bandwidth

- The occupied bandwidth is the frequency bandwidth such that, below its lower and
- above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:
- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the





Page: 23 of 100

OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.

- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

8.4 Deviation From Test Standard

No deviation

8.5 EUT Operating Mode

Please refer to the description of test mode.

8.6 Test Data

Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





Page: 24 of 100

9. RF Output Power

- 9.1 Test Standard and Limit
 - 9.1.1 Test Standard

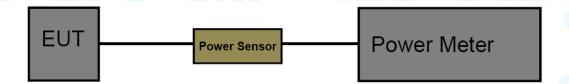
RSS 247 5.4

FCC Part 15.247(b)(3)

9.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)	
Peak Output Power	not exceed 1 W or 30dBm	2400~2483.5	
E.I.R.P	not exceed 4 W or 36dBm	2400~2463.5	

9.2 Test Setup



9.3 Test Procedure

- The EUT was connected to RF power meter via a broadband power sensor as show the block above. The power sensor video bandwidth is greater than or equal to the DTS bandwidth of the equipment.
- 9.4 Deviation From Test Standard

No deviation

9.5 EUT Operating Mode

Please refer to the description of test mode.

9.6 Test Data

Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





Page: 25 of 100

10. Power Spectral Density

10.1 Test Standard and Limit

10.1.1 Test Standard

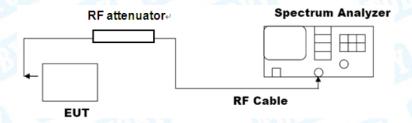
RSS 247 5.2(b)

FCC Part 15.247(e)

10.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
Power Spectral Density	8dBm(in any 3 kHz)	2400~2483.5

10.2 Test Setup



10.3 Test Procedure

- The following procedure shall be used if maximum peak conducted output power was used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:
- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 times the DTS bandwidth.
- c) Set the RBW to 3 kHz≤RBW≤100 kHz.
- d) Set the VBW ≥[3*RBW].
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

10.4 Deviation From Test Standard

No deviation

10.5 Antenna Connected Construction

Please refer to the description of test mode.

10.6 Test Data

Conducted measurement please refer to the Appendix for 2.4G Wi-Fi.





Page: 26 of 100

11. Antenna Requirement

11.1 Test Standard and Limit

11.1.1 Test Standard

RSS 247 6.8 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 Deviation From Test Standard

No deviation

11.3 Antenna Connected Construction

The Max. gains of the antenna used for transmitting is 3.80dBi Max., and the antenna designed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

11.4 Test Data

The EUT antenna is a FPC Antenna. It complies with the standard requirement.

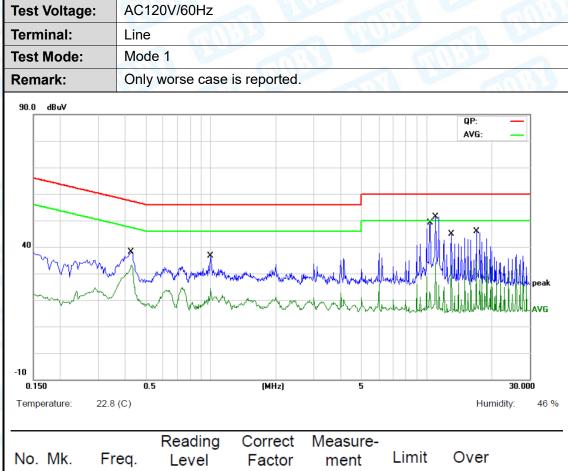
Antenna Type	
☐Permanent attached antenna	
⊠Unique connector antenna	
☐Professional installation antenna	





Page: 27 of 100

Attachment A--Conducted Emission Test Data



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB	dBu∨	dBu∀	dB	Detector
1		0.4260	24.33	10.06	34.39	57.33	-22.94	QP
2		0.4260	22.49	10.06	32.55	47.33	-14.78	AVG
3		0.9980	21.07	10.10	31.17	56.00	-24.83	QP
4		0.9980	13.27	10.10	23.37	46.00	-22.63	AVG
5		10.3460	33.63	9.82	43.45	60.00	-16.55	QP
6		10.3460	10.97	9.82	20.79	50.00	-29.21	AVG
7	*	11.0020	39.34	9.89	49.23	60.00	-10.77	QP
8		11.0020	23.00	9.89	32.89	50.00	-17.11	AVG
9		12.9980	31.41	10.03	41.44	60.00	-18.56	QP
10		12.9980	22.06	10.03	32.09	50.00	-17.91	AVG
11		16.9980	30.33	10.27	40.60	60.00	-19.40	QP
12		16.9980	23.84	10.27	34.11	50.00	-15.89	AVG

Remark:

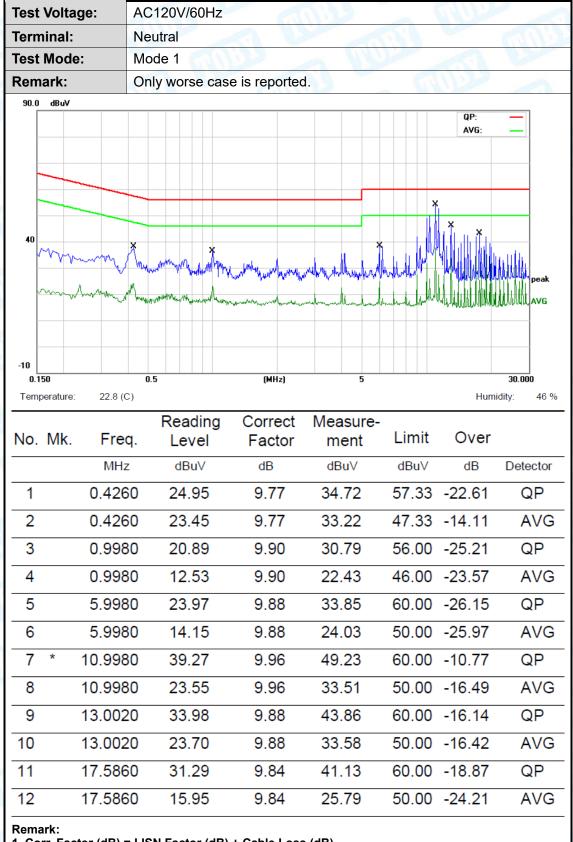
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)





Page: 28 of 100



^{1.} Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)



^{2.} Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)



Page: 29 of 100

Attachment B--Unwanted Emissions Data

---Radiated Unwanted Emissions

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



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	75.7114	47.50	-26.98	20.52	40.00	-19.48	peak	Р
2 *	167.8243	55.68	-22.08	33.60	43.50	-9.90	peak	Р
3	242.5253	56.20	-23.94	32.26	46.00	-13.74	peak	Р
4	333.6867	48.26	-20.57	27.69	46.00	-18.31	peak	Р
5	383.9318	47.98	-19.48	28.50	46.00	-17.50	peak	Р
6	487.3151	50.64	-16.88	33.76	46.00	-12.24	peak	Р

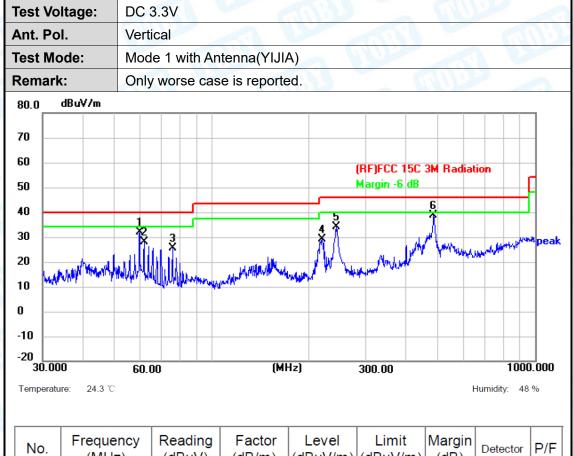
Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = QuasiPeak (dB μ V/m)-Limit QPK(dB μ V/m)





Page: 30 of 100



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	59.8588	56.37	-24.36	32.01	40.00	-7.99	peak	Р
2	61.7781	53.24	-25.12	28.12	40.00	-11.88	peak	Р
3	75.7114	52.65	-26.98	25.67	40.00	-14.33	peak	Р
4	219.0753	53.77	-24.51	29.26	46.00	-16.74	peak	Р
5	242.5253	58.03	-23.94	34.09	46.00	-11.91	peak	Р
6 *	485.6093	55.61	-16.85	38.76	46.00	-7.24	peak	Р

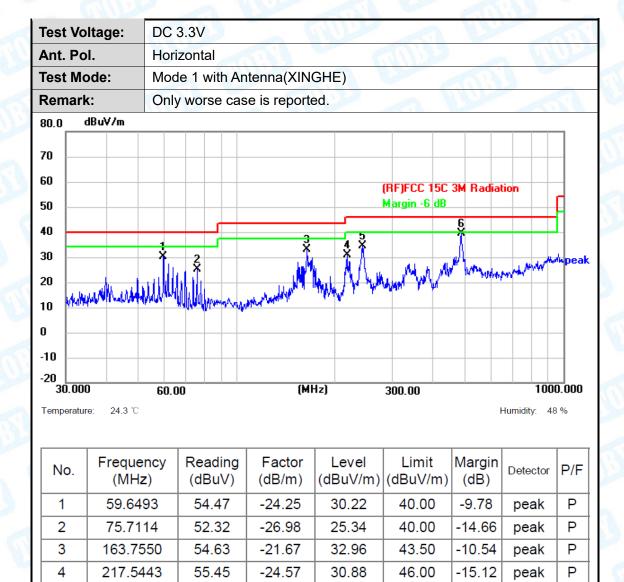
Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = QuasiPeak (dB μ V/m)-Limit QPK(dB μ V/m)





Page: 31 of 100



Remark:

5

6

242.5253

487.3151

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

58.52

56.37

-23.94

-16.88

34.58

39.49

46.00

46.00

-11.42

-6.51

Ρ

Р

peak

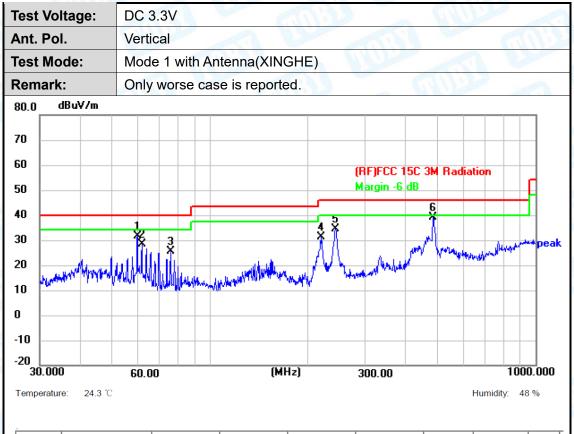
peak

3. Margin (dB) = QuasiPeak (dB μ V/m)-Limit QPK(dB μ V/m)





Page: 32 of 100



	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
ľ	1	59.8588	56.10	-24.36	31.74	40.00	-8.26	peak	Р
	2	61.7781	53.44	-25.12	28.32	40.00	-11.68	peak	Р
	3	75.7114	52.63	-26.98	25.65	40.00	-14.35	peak	Р
	4	219.0753	55.62	-24.51	31.11	46.00	-14.89	peak	Р
	5	242.5253	58.24	-23.94	34.30	46.00	-11.70	peak	Р
	6 *	485.6093	56.09	-16.85	39.24	46.00	-6.76	peak	Р

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = QuasiPeak (dB μ V/m)-Limit QPK(dB μ V/m)



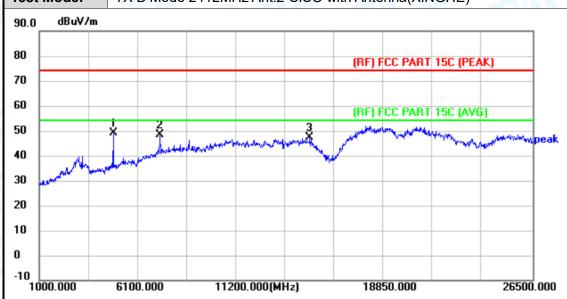


Humidity: 51 %

33 of 100 Page:

Above 1GHz

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2412MHz A	ant 2-SISO with Antenn	a(XINGHF)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4825.000	57.68	-8.57	49.11	74.00	-24.89	peak	Р
2	7247.500	51.23	-2.68	48.55	74.00	-25.45	peak	Р
3	14974.000	37.59	9.63	47.22	74.00	-26.78	peak	Р

Remark:

Temperature:

24.3 ℃

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m) 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 34 of 100

Temp	oerature) :	24.3℃			Relativ	ve Hum	idity:	51%	
Test	Voltage	:	DC 3.3V			13	1	04/		
۹nt.	Pol.		Vertical	MIL			MAG			6.3
Test	Mode:		TX B Mo	de 2412	MHz Ant	.2-SISC	O with A	ntenna()	(INGHE)	
90.0	dBu∀/	m								
80							(BF) F	CC PART	15C (PEAK)	
70							().	00111111	roo (r Er in)	
60							(RF) F	CC PART	15C (AVG)	
50		Į.	3		3 X		JAV Mary	Mangaraphia Managar	an white the sail	الاسلام peal الاسلام
40 30	بعديم أمهم لطوا	المعاليهيديه	Marie	or the gradient of the second	hayad karin karantari barili ka	AN SHOW MAN			Mary Makeu	pear
20										
10										
0										
-10	00.000	C	100.000	1120	00.000(MH	-1	100	50.000		26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4825.000	54.96	-8.57	46.39	74.00	-27.61	peak	Р
2	7247.500	48.63	-2.68	45.95	74.00	-28.05	peak	Р
3 *	13214.500	39.45	7.95	47.40	74.00	-26.60	peak	Р

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





35 of 100 Page:

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V		MUR
Ant. Pol.	Horizontal	110	
Test Mode:	TX B Mode 2437MHz	Ant.2-SISO with Antenna	(XINGHE)
90.0 dBuV/m			
80		(RF) FCC PAR	T 15C (PEAK)
70 60		(RF) FCC PAR	T 15C (AVG)
40 x	3 may market mar	Andrew State of the State of th	harate harate peak
20			
10			
-10	5100.000 11200.000	(MHz) 18850.000	26500.000

Detector P/F No. (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) 1 * 4876.000 56.99 -8.35 48.64 74.00 -25.36 Ρ peak 2 -2.4647.23 74.00 Ρ 7324.000 49.69 -26.77peak P 3 11761.000 40.37 7.12 47.49 74.00 -26.51 peak

Level

Limit

Margin

Factor

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

Frequency

- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)

Reading

- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





36 of 100 Page:

emperature:	24.3℃	Relative Humidity	<i>r</i> : 51%
est Voltage:	DC 3.3V		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2437N	MHz Ant.2-SISO with Ante	enna(XINGHE)
90.0 dBuV/m			
70		(RF) FCC	PART 15C (PEAK)
50	2		PART 15C (AVG)
30	AMAN Y	Care and the State of the State	peal
20			
10			
	100.000 11200	0.000(MHz) 18850.0	000 26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4876.000	53.65	-8.35	45.30	74.00	-28.70	peak	Р
2	7324.000	49.06	-2.46	46.60	74.00	-27.40	peak	Р
3 *	14056.000	38.21	8.67	46.88	74.00	-27.12	peak	Р

Remark:

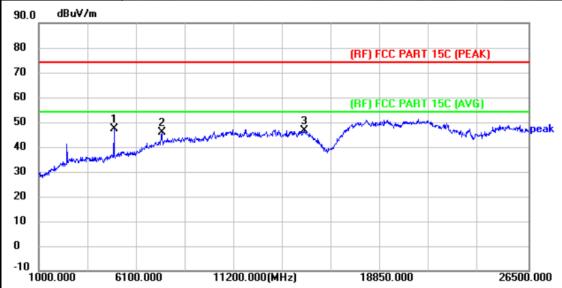
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





37 of 100 Page:

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V	TO THE STATE OF TH	ans.
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2462MHz	Ant.2-SISO with Antenna	a(XINGHE)
90.0 dBuV/m			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4927.000	55.41	-8.12	47.29	74.00	-26.71	peak	Р
2	7400.500	48.04	-2.24	45.80	74.00	-28.20	peak	Р
3	14846.500	37.11	9.50	46.61	74.00	-27.39	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 38 of 100

Temperat ı	ure:	24.3℃		Relative H	umidity:	51%	
Test Volta	ge:	DC 3.3V		Contract of the second			
Ant. Pol.		Vertical	COUNTY OF		Miller	-77	6.30
Test Mode) :	TX B Mo	de 2462MHz	Ant.2-SISO w	ith Antenna((XINGHE)	
90.0 dBu	ıV/m						
80					(RF) FCC PART	T 15C (PEAK	<u>) </u>
70 60							
-				,	(RF) FCC PART		
50	1 X	2	and when the supplemental the	Anna years yell	يادا ومعهم للهاداة والمعامل والمعامل	Market Market Land	pea
10 30 June	war and a support of	Supplement of the same	held about a				
20							
10							
10							
1000.000) 6	100.000	11200.000(MHz)	18850.000		26500.00

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4927.000	53.23	-8.12	45.11	74.00	-28.89	peak	Р
2	7375.000	48.66	-2.31	46.35	74.00	-27.65	peak	Р
3 *	13214.500	40.57	7.95	48.52	74.00	-25.48	peak	Р

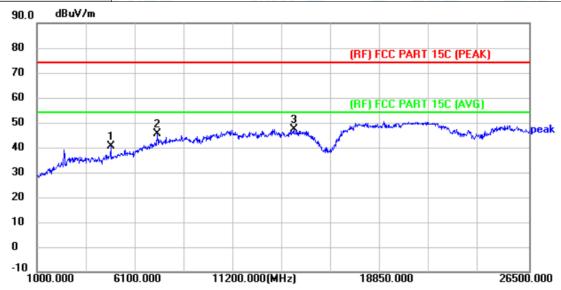
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





39 of 100 Page:

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V		WU P
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2412MHz Ar	t.2-SISO with Antenna(ک	KINGHE)
ID 1/1			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4825.000	49.14	-8.57	40.57	74.00	-33.43	peak	Р
2	7222.000	48.37	-2.75	45.62	74.00	-28.38	peak	Р
3 *	14311.000	38.36	8.94	47.30	74.00	-26.70	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB μ V/m)= Corr. (dB/m)+ Read Level (dB μ V) 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 40 of 100

Tempera	ature:	24.3	$^{\circ}$ C		6	Relativ	ve Hu	midity:	51%		
Test Vol	tage:	DC 3	3.3V			Carpe			Van		W
Ant. Pol		Verti	cal	CIII	119.00		11/1			1 6	1
Test Mo	de:	TX	3 Mod	le 241	12MHz Ant	2-SISO	with A	Antenna(XINGHE	<u>:</u>)	A
90.0	BuV/m										_
80											
							(RI	F) FCC PAR	T 15C (PE	AK)	-
70											
60							(RI	F) FCC PAR	T 15C (AV	/6)	
50			2 X		. and decreased dear	3	- Walter	الرسيها والمستلكة	Warren Jack	No. of the last of	⊭peal
30											
	1	I Kanasan	سنعيمام	المواول والارغاب	Was an all the second	Mark Land	γ		- 14	'Mula	-
40	Jan agrana	1	سنستهام	المراول والمالية		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	/			WU!	
40 30	مارس دده مورد بير ال	1 Laurenten proble	no logaristic	المراول والاراد			<i>y</i>				
40 30 20	,	1 Kanarahan melah	ne la parte	*****			/				
40 30 20 10	مغرب دناهبرد پیرا	1 Towarday	ne lagaration				/				
40	Janear	Tanarahan mak	a photosic								-
40	Marry Arry	1 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	i00		11200.000(M	Hz)	1	8850.000			
40	Marry Arry		100		11200.000(MI	Hz)	1	8850.000			
40	Marry Arry	6100.0	Read (dBi	ding	Factor (dB/m)	Leve	ı I	8850.000 Limit dBuV/m)	Margin (dB)		0.000
40 30 20 10 0 -10 1000.0	000 Freque	6100.0 ency z)	Read	ding uV)	Factor	Leve	el m) (c	Limit	Margin (dB)	2650	0.000
40 30 20 10 0 -10 1000.0	Freque (MH.	6100.0 ency z)	Read (dBi	ding uV) 60	Factor (dB/m)	Leve (dBuV/	el /m) (c	Limit BuV/m)	(dB)	2650	0.000 P/F

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





41 of 100 Page:

Temp	perature:	24.3℃			Rela	tive Hu	midity:	51%		
Test	Voltage:	DC 3.3V			The same		0.50	Washington, and the same of th		13
Ant.	Pol.	Horizont	al	33		MAG		1	63	
Test	Mode:	TX G Mc	de 2437	MHz An	t.2-SIS	O with A	ntenna()	XINGHE	Ξ)	A
90.0	dBuV/m									
80						(RF) I	FCC PART	15C (PEA	ıK)	
70 60						(RF) I	FCC PART	15C (AV6	i)	
50 40	1	2 Z	بيا الاستطيان المستريد مريان الم	~	**************************************	A BOOK OF THE STREET	adjuned _{te de} gebende bestelste de	nash onlysty	hard by the same of the same o	peak
30	June Company	de.an.								
20										
10										
0										
-10 10	00.000 6	100.000	1120	00.000(MH	lzì	188	50.000		26500	.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4876.000	48.30	-8.35	39.95	74.00	-34.05	peak	Р
2	7298.500	46.88	-2.53	44.35	74.00	-29.65	peak	Р
3 *	14617.000	37.26	9.26	46.52	74.00	-27.48	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB μ V/m)= Corr. (dB/m)+ Read Level (dB μ V) 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 42 of 100

Tempe	rature:	24	.3℃		6	Relativ	e H	lumidity:	51%		
Test Vo	oltage:	DC	3.3V								W
Ant. Po	ol.	Ve	rtical		11000		87	Millian		J E	
Test M	ode:	TX	G Mo	de 2	437MHz Ar	nt.2-SISC) wi	th Antenna	a(XINGH	IE)	A
90.0	dBuV/m										_
80											
70							(I	RF) FCC PAR	1 15C (PE	AKJ	-
60											
·					2 2		(1	RF) FCC PAR			
50			1 X		2 3 ************************************	and the	لائليم	AND THE REAL PROPERTY AND ASSESSED.	and the second	Market Street	peal
40	Mary Mary Mary and Ma	المعتم للاللياط	ANTI-PINAL	WIVE		-	<i>y</i>				-
30 🚧	Partition of the same of the s	-									-
20		_									
10											
-10											
1000	.000 6	100.0	000	-	11200.000(MI	Hz)		18850.000		2650	ō.000
No.	Frequen	су	Read	ling	Factor	Level		Limit	Margin	Detector	P/F
INO.	(MHz)		(dBu	ıV)	(dB/m)	(dBuV/n	n)	(dBuV/m)		Detector	-/-
1	7298.50	00	46.6	67	-2.53	44.14		74.00	-29.86	peak	Р
2	10868.5	00	41.0)5	5.75	46.80		74.00	-27.20	peak	Р
3 *	13418.5		39.6		8.12	47.78	\rightarrow	74.00	-26.22	peak	Р

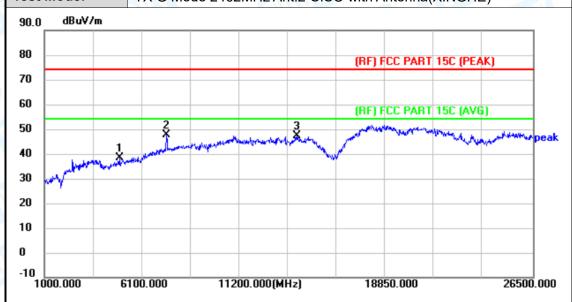
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 43 of 100

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V		600
Ant. Pol.	Horizontal	A WU	
Test Mode:	TX G Mode 2462MHz An	t.2-SISO with Antenna()	(INGHE)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4927.000	46.64	-8.12	38.52	74.00	-35.48	peak	Р
2 *	7375.000	50.03	-2.31	47.72	74.00	-26.28	peak	Р
3	14183.500	38.47	8.80	47.27	74.00	-26.73	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 44 of 100

Tem	perature	:	24.3℃	1 6		Rela	tive Hu	nidity:	51%		
Test	Voltage:		DC 3.3V				-				13
Ant.	Pol.		Vertical	CIII.	13.50		MA.			63	
Test	Mode:		TX G Mo	de 2462	2MHz Ant	.2-SIS	O with A	ntenna(XINGHE))	n.
90.0	dBuV/n	n									
80							(BE) E	CC PART	15C (PEAR	a	
70							()	55 11111	100 (12.1	,	
60							(RF) F	CC PART	15C (AVG)		
50			2 hayaran da Tanaga		3 X	d. 1 1	A Parker States	bowy. He will be	معاديب ويناول بالإيام	الرابخ أنصبها	peak
40		X	hand market	halas ja quan di quanto	A CHILLIAN WAY A CHILLY A REST	C. San Jawa	po ^{re}		T-ACH-UP-A		
30	any three	Hadro 4									
20											
10											
0											
-10											
10	000.000	6	100.000	112	00.000(MH	z)	188	50.000		26500	.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4927.000	47.97	-8.12	39.85	74.00	-34.15	peak	Р
2	7400.500	47.30	-2.24	45.06	74.00	-28.94	peak	Р
3 *	11735.500	40.90	7.08	47.98	74.00	-26.02	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 45 of 100

Tempe	erature:	24.3℃	A GO		Relat	ive Hu	midity:	51%	ó	
est V	oltage:	DC 3.3V		A V	3				(m)	W.
nt. P	ol.	Horizonta	al			11/11/1			1 63	-18
est N	lode:	TX n(HT	20) Mod	e 2412MH	Iz Ant.	1+2-MI	MO with	Antenn	a(XING	HE)
90.0	dBu∀/m									_
80 70						(RF) I	CC PART	15C (PE/	AK)	
60 50		2		3 		(RF) I	CC PART	15C (AV		
40 30	Juny tu	Mary Mary	alpopher district	ac _e , e	······································		***	James John Stranger	against the level of the second	peak
20 - 10 - 0 -										
-10 L	0.000 61	00.000	1120	00.000(M Hz)	188	50.000		26500).000

N	lo.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
	1	4825.000	48.39	-8.57	39.82	74.00	-34.18	peak	Р
2	2	7222.000	48.33	-2.75	45.58	74.00	-28.42	peak	Р
3	3 *	13316.500	38.84	8.03	46.87	74.00	-27.13	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 46 of 100

_		2.4.200				
emp	erature:	24.3℃		Relative Hu	ımidity:	51%
est \	Voltage:	DC 3.3V		Contract of the second		
\nt. F	Pol.	Vertical	WU PART			
est l	Mode:	TX n(HT	20) Mode 2412	2MHz Ant.1+2-M	IMO with	Antenna(XINGHE)
90.0	dBu∀/m					
80				(RF)	FCC PART	15C (PEAK)
70						
60					FCC PART	15C (AVG)
50		1	2	and a	and the forest of the same of	pea
40	. Lunguage	plane the same	V 1	-		
30	Jan Marie					
20						
10						
0						
-10	00.000	0100 000	11000 0000	40.	050 000	20502 202
10	00.000	6100.000	11200.000(MHZJ 18	850.000	26500.00

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	7247.500	47.18	-2.68	44.50	74.00	-29.50	peak	Р
2	10052.500	42.80	3.88	46.68	74.00	-27.32	peak	Р
3 *	14566.000	38.25	9.21	47.46	74.00	-26.54	peak	Р

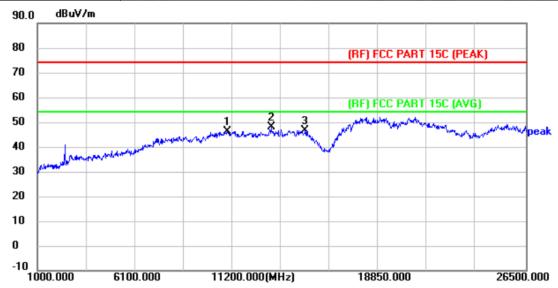
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Argin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 47 of 100

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V		
Ant. Pol.	Horizontal	A WOLL	
Test Mode:	TX n(HT20) Mode 2437M	Hz Ant.1+2-MIMO with	Antenna(XINGHE)
90.0 dBuV/m			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10919.500	40.41	5.87	46.28	74.00	-27.72	peak	Р
2 *	13214.500	40.15	7.95	48.10	74.00	-25.90	peak	Р
3	14974.000	37.10	9.63	46.73	74.00	-27.27	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 48 of 100

Temp	erature:	24.3℃		Relative	Humidity	51%		A
Test \	Voltage:	DC 3.3V						M
Ant. I	Pol.	Vertical	400		Millian		I B	3-38-
Test I	Mode:	TX n(HT2	0) Mode 2437N	//Hz Ant.1+2	2-MIMO wit	h Anteni	na(XING	HE)
90.0	dBuV/m							
80					RF) FCC PAR	T 15C (PE	AK)	
70								
60					RF) FCC PAR	T 15C (AV	(G)	
50			1 2	3 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tarappropriate Control Control	where we have	- water-way	peal
40 30	Manyage and Manyage	and white de some by	Market and a second					
20								-
10								-
0								-
-10 10	00.000	\$100.000	11200.000(MI	lz)	18850.000		2650	0.000
No	Frequer (MHz	•	•	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F

Remark:

2

3 *

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

10919.500

12245.500

14897.500

- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)

41.06

38.70

37.39

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5.87

7.53

9.55

46.93

46.23

46.94

74.00

74.00

74.00

-27.07

-27.77

-27.06

peak

peak

peak

Ρ

Ρ

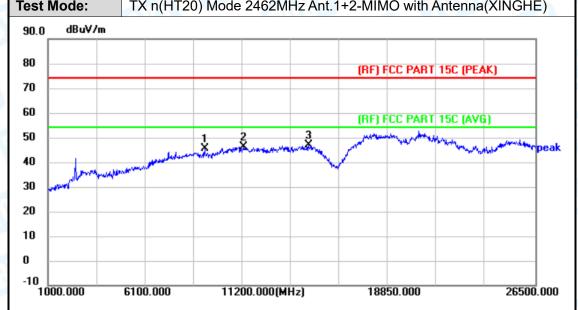
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 49 of 100

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V		WUP.
Ant. Pol.	Horizontal		
Tost Mode:	TV n/UT20) Mode 2462N	ALLE Ant 1+2 MIMO with	Antonna (VINCHE)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	9211.000	44.59	0.86	45.45	74.00	-28.55	peak	Р
2	11251.000	39.95	6.40	46.35	74.00	-27.65	peak	Р
3 *	14668.000	37.79	9.31	47.10	74.00	-26.90	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB μ V/m)= Corr. (dB/m)+ Read Level (dB μ V) 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 50 of 100

Tem	perature:	24.3℃	10		Relat	ive Hu	midity:	51%		
Test	Voltage:	DC 3.3V			No. of the last	1		Washington, and the same of th		
Ant.	Pol.	Vertical				MA.		-	63	
Test	Mode:	TX n(HT	20) Mod	e 2462M	Hz Ant.	1+2-MII	MO with	Antenn	a(XINGF	IE)
90.0	dBuV/m									
80						(RF) F	CC PART	15C (PE/	AK)	
70 60						(RF) F	CC PART	15C (AVI	3)	
50 40	washing a walk of the same	and confidential spinishers	1 Lughay d Marce 14	4, A.	3	A PORT OF THE PARTY OF	derafter formation	and paragraphy and the second of the second	A suntantina participa	peak
30 20	American property of the Control of									
10										
0 -10										
10	000.000 6	100.000	112	00.000(MH	zj	188	50.000		26500	J. 000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10103.500	42.04	3.99	46.03	74.00	-27.97	peak	Р
2	12143.500	39.02	7.50	46.52	74.00	-27.48	peak	Р
3 *	14183.500	38.77	8.80	47.57	74.00	-26.43	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.

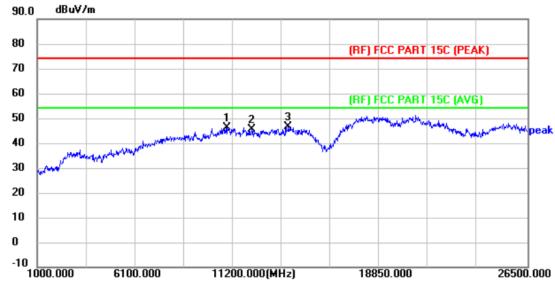




Humidity: 51 %

Page: 51 of 100

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V		WILL ST
Ant. Pol.	Horizontal		
Test Mode:	TX n(HT40) Mode 24	422MHz Ant.1+2-MIMO with A	Antenna(XINGHE)
90.0 dBuV/m			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	40.61	5.81	46.42	74.00	-27.58	peak	Р
2	12169.000	37.87	7.50	45.37	74.00	-28.63	peak	Р
3 *	14056.000	37.91	8.67	46.58	74.00	-27.42	peak	Р

Remark:

Temperature:

24.3 ℃

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 52 of 100

Temperature:			24	.3℃			Relativ	e Hu	midity	: 51%		
Test '	Volta	ge:	DC	3.3V				A	TO THE			1/3
Ant. I	Pol.		Ve	rtical		11979		11/11	Jan .	1	1 6	
Test	Mode	9 :	TX	n(HT	40) N	1ode 2422N	/IHz Ant.1	+2-MI	MO wit	th Anten	na(XING	HE)
90.0	dBu	uV/m										_
80												
70			+					(RF)	FCC PAR	15C (PI	EAK)	-
60								(RF)		15C (A		
50			+			1 2 X	3	Mark Market	and the last	Maryana	h	∕≬neal
40				and the land	white	High all Historical Survey, I					"Magazin	_
			معسفياللين				117					
30	بهاسهس	and the same of	pyd (meno									
[Marketon,	which the section of the	orth later to									
20	الماسيس	ward a security of	on the same									
20 10	marine.	need a temporal	ond-live and									
30 20 10	marile.	need a temporal	ordeline and									
20 10 0 -10	00.000		100.0			11200.000(MI	Hz)	188	350.000		2650	00.000
20 10 0 -10							Hz)	188	350.000		2650	00.000
20 10 0	00.000		100.0		ding		Hz) Level (dBuV/m	L	imit	Margin (dB)	2650 Detector	
20 10 0 10 10	00.000	o 6	100.0	Read	ding	11200.000(MI	Level	L (dB	imit			
20 10 0 10 10 No.	00.000	requen (MHz)	100.0	Reac (dBu	ding uV)	11200.000(Mi Factor (dB/m)	Level (dBuV/m) (dB	imit uV/m)	(dB)	Detector	P/F

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 53 of 100

Temperature:	24.3℃		Relative H	umidity:	51%	
Test Voltage:	DC 3.3V			SOT I	COLUMN TO STATE OF THE STATE OF	173
Ant. Pol.	Horizontal	TUP			- O	2332
Test Mode:	TX n(HT40) Mode 2437N	MHz Ant.1+2-	MIMO with	Antenna(XING	HE)
90.0 dBuV/m						_
80			(F	RF) FCC PART	15C (PEAK)	
70						
60			(F	IF) FCC PART	15C (AVG)	-
50		A PARTIE AND	3 X,,,,,,	managed the same	The state of the s	peak
40	المالية المنطقة	W/Why was a second second	A STATE OF THE STA		a great Millery	-
30 Mary Mary						-
20						-
10						
0						
-10 1000.000 E	5100.000	11200.000(M		18850.000	2650	000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10970.500	39.99	5.98	45.97	74.00	-28.03	peak	Р
2 *	12730.000	38.72	7.68	46.40	74.00	-27.60	peak	Р
3	14183.500	37.46	8.80	46.26	74.00	-27.74	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 54 of 100

Temperature:	24.3 ℃	Re	lative Humidity:	51%
Test Voltage:	DC 3.3V			ans.
Ant. Pol.	Vertical	Wind The Control of t	MILL	
Test Mode:	TX n(HT40)	Mode 2437MHz A	nt.1+2-MIMO with	Antenna(XINGHE)
90.0 dBuV/m				
80			(RF) FCC PART	15C (PEAK)
70			(III) I CC I AIII	Too (i EAK)
60			(RF) FCC PART	15C (AVG)
50		and have been been and an entire		Whom we will be a light of the second
30	was a few statement of the few statements.	Hardiner and Market Barren Barren	W.	The Carlotte
30				
20				
10				
0				
-10 1000.000 6	3100.000	11200.000(MHz)	18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	10970.500	41.52	5.98	47.50	74.00	-26.50	peak	Р
2	13240.000	37.46	7.96	45.42	74.00	-28.58	peak	Р
3	14821.000	36.27	9.47	45.74	74.00	-28.26	peak	Р

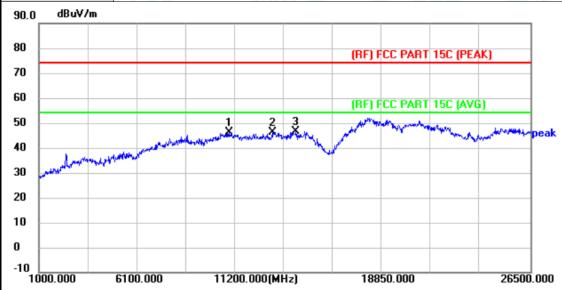
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





55 of 100 Page:

Temperature:	24.3℃	Relative Humidity:	51%						
Test Voltage:	DC 3.3V								
Ant. Pol.	Horizontal								
Test Mode:	TX n(HT40) Mode 2452N	TX n(HT40) Mode 2452MHz Ant.1+2-MIMO with Antenna(XINGHE)							



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	40.39	5.81	46.20	74.00	-27.80	peak	Р
2	13112.500	38.46	7.85	46.31	74.00	-27.69	peak	Р
3 *	14336.500	37.58	8.96	46.54	74.00	-27.46	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB μ V/m)= Corr. (dB/m)+ Read Level (dB μ V) 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





-10 <u>|</u> 1000.000

Report No.: TBR-C-202403-0360-72

26500.000

Page: 56 of 100

Temperature:	24.3℃	Relative Humidity:	51%
Test Voltage:	DC 3.3V		an)
Ant. Pol.	Vertical		
Test Mode:	TX n(HT40) Mode 2452N	MHz Ant.1+2-MIMO with	Antenna(XINGHE)
90.0 dBuV/m			
80		(RF) FCC PART	15C (PEAK)
70		` '	
60		(RF) FCC PART	15C (AVG)
50	1 2	3 anyong the	at a
	J. J. Santa Market State Comment of the Comment of	Whenever where	Whyte the sentent philippipes

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11251.000	40.23	6.40	46.63	74.00	-27.37	peak	Р
2 *	13265.500	38.80	7.98	46.78	74.00	-27.22	peak	Р
3	14056.000	38.01	8.67	46.68	74.00	-27.32	peak	Р

18850.000

11200.000(MHz)

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

6100.000

- 2. Peak/AVG (dB μ V/m)= Corr. (dB/m)+ Read Level (dB μ V) 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 57 of 100

Tem	perature	23.5°	C		Rel	ative Hui	midity	: 499	%		
Test	Voltage	: DC 3	.3V			MI.		6	MB	3	
Ant.	Pol.	Horiz	ontal		MA)			JA			SI
Test	Mode:	TX B	Mode 24	12MHz A	\nt.1-	SISO wit	h Ante	nna(Yl	JIA)	ARON	
90.0	dBuV/	m									
80							(RF) F	CC PAR	T 15C (PE	EAK)	
70											-
60									T 15C (AV	/G)	-
50		1		2	ر. در افغان در م	3	- Jankahan	atting play play	harry (para de la composição d	~peal
40	Phil	1 V	March State Control	HANDLING WARREN		······································	·		h and	(A)	-
30	المعرامين	ATHER T									-
20											-
10											-
0											4
-10	200 000	6100	000	11200.0	00011		100	F0 000		2050	
11	000.000	6100.	UUU	11200.0	НМЈОО	ızj	188	50.000		∠650	0.000
No		quency //Hz)	Reading (dBuV)			Level (dBuV/m			Margin (dB)	Detector	P/F
1	482	25.000	50.58	-8.5	57	42.01	74	1.00	-31.99	peak	Р

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

11531.500

14209.000

- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)

39.61

38.85

 Arean AvG (dBμV/m)= Con. (dB/m)* Read Level (dBμV/m)
 Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

6.80

8.83

46.41

47.68

74.00

74.00

-27.59

-26.32

peak

peak

- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 58 of 100

Tem	perature:	23.5℃		Relative Hu	midity:	49%	
Test	Voltage:	DC 3.3V			Marie		35
Ant.	Pol.	Vertical	Contract of the second		6	UR	Pa.
Test	Mode:	TX B Mo	ode 2412MHz Ar	t.1-SISO with	Antenna(`	YIJIA)	
90.0	dBuV/m						
80				(RF)	FCC PART	15C (PEAK)	
70							
60				(RF)	FCC PART	15C (AVG)	
50 40	1	Sand Special S	Mary Suran	· Andrews	aterial constraint and a second constraint and a secon	www.pe	ak
	Name And						
20 10							
0							
-10 10	000.000	6100.000	11200.000(MF	iz) 18	850.000	26500.00	00

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	5003.500	47.30	-7.78	39.52	74.00	-34.48	peak	Р
2	9491.500	43.52	1.89	45.41	74.00	-28.59	peak	Р
3	10970.500	41.44	5.98	47.42	74.00	-26.58	peak	Р
4 *	14311.000	38.72	8.94	47.66	74.00	-26.34	peak	Р

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 59 of 100

Temperature:	23.5°C	Relative Humidity:	49%
Test Voltage:	DC 3.3V		
Ant. Pol.	Horizontal		THE STATE OF THE S
Test Mode:	TX B Mode 2437Mi	Hz Ant.1-SISO with Antenna	a(YIJIA)
90.0 dBuV/m			
80		(RF) FCC PAR	IT 15C (PEAK)
70 60		(RF) FCC PAR	IT 15C (AVG)
50 40 1	- Company of the form of the second of the s	3 May and the second se	**************************************
20			
10			
-10 1000.000	6100.000 11200.0	000(MHz) 18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	4876.000	48.11	-8.35	39.76	74.00	-34.24	peak	Р
2 *	11123.500	41.65	6.21	47.86	74.00	-26.14	peak	Р
3	12296.500	40.00	7.54	47.54	74.00	-26.46	peak	Р

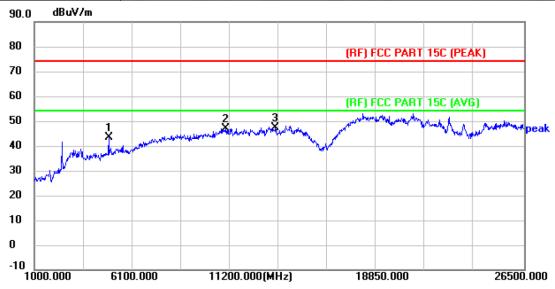
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Arean AvG (dBμV/m) Golf. (dB/m) Read Level (dBμV/m)
 Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





60 of 100 Page:

Temperature:	23.5°C	Relative Humidity:	49%
Test Voltage:	DC 3.3V	THU	1
Ant. Pol.	Vertical		Min a
Test Mode:	TX B Mode 2437MHz A	nt.1-SISO with Antenna(Y	IJIA)
90.0 dBuV/m			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	4876.000	51.59	-8.35	43.24	74.00	-30.76	peak	Р
2	10970.500	41.09	5.98	47.07	74.00	-26.93	peak	Р
3 *	13546.000	39.04	8.22	47.26	74.00	-26.74	peak	Р

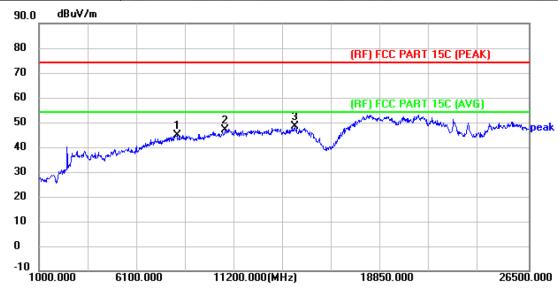
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB μ V/m)= Corr. (dB/m)+ Read Level (dB μ V)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 61 of 100

Temperature:	23.5°C	Relative Humidity:	49%
Test Voltage:	DC 3.3V	THU .	7
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2462MHz A	nt.1-SISO with Antenna	(YIJIA)
oo o dBuV/m			



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	8191.000	46.05	-1.07	44.98	74.00	-29.02	peak	Р
2	10690.000	41.72	5.35	47.07	74.00	-26.93	peak	Р
3 *	14311.000	39.38	8.94	48.32	74.00	-25.68	peak	Р

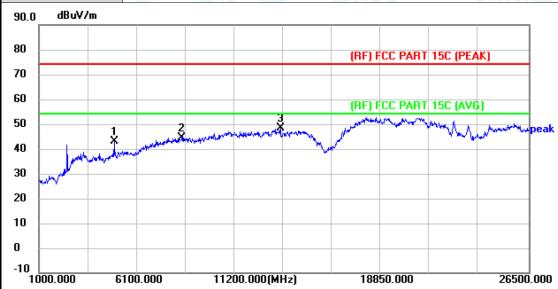
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 62 of 100

Temperature:	23.5℃	Relative Humidity:	49%
Test Voltage:	DC 3.3V	CHILL	
Ant. Pol.	Vertical		TUP TO
Test Mode:	TX B Mode 2462MHz A	nt.2-SISO with Antenna	(YIJIA)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4927.000	51.01	-8.12	42.89	74.00	-31.11	peak	Р
2	8446.000	45.04	-0.70	44.34	74.00	-29.66	peak	Р
3 *	13571.500	39.99	8.25	48.24	74.00	-25.76	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 63 of 100

empera	ture:	23.5°C		Rela	tive Humi	dity:	49%	49%	
est Vol	tage:	DC 3.3V	MAN S		CHIE!				
nt. Pol	-	Horizonta		1		CIL			
est Mo	de:	TX n(HT2	20) Mode 241	2MHz Ant	1+2-MIM0) with A	ntenna(YIJ	IA)	
90.0	lBuV/m								
30					(RF) FCC	PART 1	C (PEAK)		
70 60					(RF) FCC	DADT 1	SC (AVC)		
50		والمور الباران الماران	1 anaratananananananananananananananananan	Ž 3		market and the second		^{ruk} •∾pea	
10 30	Market Ma	property profession to severe							
20									
0 —								_	
,								_	
10 L 1000.0	000	6100.000	11200.000	(MHz)	18850.	000	20	500.000	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10843.000	41.50	5.69	47.19	74.00	-26.81	peak	Р
2 *	13469.500	40.40	8.16	48.56	74.00	-25.44	peak	Р
3	14948.500	37.61	9.60	47.21	74.00	-26.79	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Arean AvG (dBμV/m) Golf. (dB/m) Read Level (dBμV/m)
 Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





26500.000

Page: 64 of 100

									_			
Temperature:			23.5℃			Relati	ve Hur	nidity:	49%			
Test '	Voltage):	DC 3.3V									
Ant.	Pol.		Vertical								-	
Test	Mode:		TX n(HT	20) Mod	e 2412M	412MHz Ant.1+2-MIMO with Antenna(YIJIA)						
90.0	dBuV/	'm										
80							(BF) F	CC PART	15C (PEA	(K)		
70							(11)					
60							(RF) F	CC PART	15C (AV6	i)		
50			parting the second seco	1 X	2	3 /***X	ب المكانات ا المهمام	HA MARKAN	wandy/bee/1	hayar balan ba	peak	
40	i aat	and the state of the	may be a second and the second	ton de la	- T		<u> </u>		**			
30	"سمالهم	Author A										
20	•										-	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	41.58	5.81	47.39	74.00	-26.61	peak	Р
2	12347.500	39.89	7.56	47.45	74.00	-26.55	peak	Р
3 *	14872.000	38.34	9.53	47.87	74.00	-26.13	peak	Р

18850.000

11200.000(MHz)

Remark:

10 0

-10 1000.000

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

6100.000

- Corr. Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental Feduciary. Test with highpass filter (Pass Frequency: 2.8-18G and 8-050) and 400 less of the residual testing has been conformed to the 10th harmonic of the highest fundamental feduciary. 25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 65 of 100

Temperat	ure:	23.5℃			Relati	ve Hun	49%	6		
est Volta	age:	DC 3.3V		EH)	110					
Ant. Pol. Horizontal Test Mode: TX n(HT20) Mode 2437MHz Ant.1+2-MIMO with Antenna(
							a(YIJIA)			
90.0 dB	luV/m									
80	ponto cirente proble	The state of the s	1 magnetisty services	2 ************************************	3			15C (PEA	i)	peal
0 -10 1000.00	00 61	00.000	1120	0.000(MI	lz)	188	350.000		26500.	.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	10843.000	41.41	5.69	47.10	74.00	-26.90	peak	Р
2	13265.500	38.62	7.98	46.60	74.00	-27.40	peak	Р
3	14464.000	37.94	9.10	47.04	74.00	-26.96	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.





Page: 66 of 100

Temperature:		23.5°C			Relative Humidity:			49%	49%		
Test	Voltage:	DC 3.3V		1:33		CAT.	19016		1 60	- Name	
Ant.	Pol.	Vertical	1		4.9.0	1	6	dni			
Test	Mode:	TX n(HT	20) Mo	ode 2437M	Hz Ant.1	+2-MII	MO wit	h Anten	na(YIJIA)		
90.0	dBuV/m									_	
80						(RF) F	CC PAR	T 15C (PE	AK)		
70										-	
60						(RF) F	CC PAR	T 15C (AV	/G)	-	
50				2	3 	A STATE OF THE STATE OF	والموساع أوالهي أوامه	Mary N.	- Judinoseum	~peak	
40	Janes Maryana	Brown and the State of State o	الولية المسينة والمدينة المسينة المسين	on McVimus Berchister, or Rela		r ·			(Ann	-	
30	A STATE OF THE STA										
20											
10										1	
0											
-10 L 10	00.000 6	100.000	11	1200.000(MH	z)	188	50.000		2650	0.000	
_											
No	Frequen (MHz)	- 1	ding uV)	Factor (dB/m)	Level (dBuV/m			Margin (dB)	Detector	P/F	

Remark:

3 *

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

3193.000

10919.500

14387.500

- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

52.52

41.38

39.08

 Arean AvG (dBμV/m)= Coll. (dB/m)* Read Level (dBμV/m)
 Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

-13.37

5.87

9.02

39.15

47.25

48.10

74.00

74.00

74.00

-34.85

-26.75

-25.90

peak

peak

peak

Ρ

Ρ

- 5. No report for the emission which below the prescribed limit.
- 6. The peak value < average limit, So only show the peak value.

