

Shenzhen Toby Technology Co., Ltd.



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RF Test Report

FCC ID: 2AW68-NP3081GC

Report No. : TBR-C-202407-0114-3

Applicant: Shenzhen SDMC Technology Co., Ltd.

Equipment Under Test (EUT)

EUT Name : AX3000 Dual Band Wi-Fi6 GPON Terminal

Model No. : NP3081GC

Series Model No. : ---

Brand Name : N/A

Sample ID : HC-C-202407-0114-03-01&HC-C-202407-0114-03-02

Receipt Date : 2024-09-03

Test Date : 2024-09-04 to 2024-10-22

Issue Date : 2024-10-22

Standards : FCC Part 15 Subpart C 15.247

Test Method : ANSI C63.10: 2013

KDB 558074 D01 15.247 Meas Guidance v05r02 KDB 662911 D01 Multiple Transmitter Output v02r01

Conclusions : PASS

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

Test By :

Reviewed By :

Approved By :

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
TBR-C-202407-0114-3	Rev.01	Initial issue of report	2024-10-22
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1. General Information about EUT

1.1 Client Information

Applicant : Shenzhen SDMC Technology Co., Ltd.		Shenzhen SDMC Technology Co., Ltd.
Address Floor 1, Building 5, Hengtongfa Industrial Zone, Tangtou Park, Tangtou Community, Shiyan Street, Baoan District, Shenzhen, China		Floor 1, Building 5, Hengtongfa Industrial Zone, Tangtou Industrial Park, Tangtou Community, Shiyan Street, Baoan District, Shenzhen, China
Manufacturer : Shenzhen SDMC Technology Co., Ltd.		Shenzhen SDMC Technology Co., Ltd.
Address :		Floor 1, Building 5, Hengtongfa Industrial Zone, Tangtou Industrial Park, Tangtou Community, Shiyan Street, Baoan District, Shenzhen, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	AX3000 Dual Band Wi	AX3000 Dual Band Wi-Fi6 GPON Terminal		
HVIN/Models No.) :	NP3081GC			
Model Different	÷	N/A			
1000		Operation Frequency:	2412MHz~2462MHz		
	164 169	Number of Channel:	802.11b/g/n(HT20)/ax(HE20): 11 channels 802.11n(HT40)/ax(HE40): 7 channels		
Product		Antenna Gain:	5.08dBi Dipole Antenna 1 5.05dBi Dipole Antenna 2		
Description		Modulation Type:	802.11b: DSSS (DQPSK, DBPSK, CCK) 802.11g: OFDM (BPSK, QPSK,16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK,16QAM, 64QAM) 802.11ax: OFDMA (BPSK, QPSK,16QAM, 64QAM, 256QAM, 1024QAM)		
Power Rating)	AC Adapter (Model: AD-0181200150NOM): Input: 100-240V~, 50/60Hz, 0.6A Output: 12.0V-1.5A			
Software Version	1	N/A			
Hardware Version	:	N/A			
Domonic	<u> </u>				



⁽¹⁾ The antenna gain and adapter 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.



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(4)Channel List:

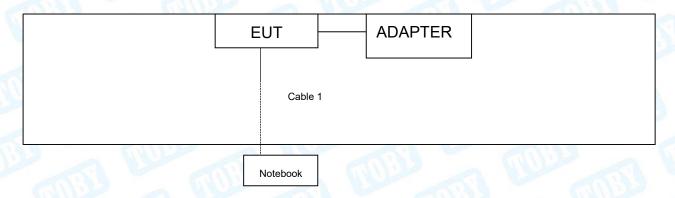
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	08	2447		

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

(5) Antenna Information:

Band	Antenna (Gain(dBi)
Dallu	Antenna 1	Antenna 2
2.4G	5.08	5.05

1.3 Block Diagram Showing the Configuration of System Tested



1.4 Description of Support Units

Equipment Information								
Name Model FCC ID/VOC Manufacturer Use				Used "√"				
Notebook	Inspiron 5493	W. (1)	DELL	1				
	Cable Information							
Number	Number Shielded Type Ferrite Core Length Note							
33	711072		10	377				





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1.5 Description of Test Mode

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

For Conducted Emission Test				
Final Test Mode	Description			
Mode 1	TX b Mode Channel 01			
	For 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			
Mode 6	TX Mode ax(HE20) Mode Channel 01/06/11			
Mode 7	TX Mode ax(HE40) Mode Channel 03/06/09			

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:

Mode	Data Rate
B Mode-SISO	1Mbps
B Mode-CDD	1Mbps
G Mode-SISO	6Mbps
G Mode-CDD	6Mbps
N(HT20) Mode-CDD	MCS0
N(HT40) Mode-CDD	MCS0
AX(HE20) Mode-CDD	MCS0
AX(HE40) Mode-CDD	MCS0

(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 RF setting.

Te	st Software: 0	QATool_E	bg.exe		ARTH
Test	Mode: Contin	nuously tr	ransmittir	ng	
Will Dr.			Param	eters	MA
Mode	Channel	SIS	80	CE	D
		Ant.1	Ant.2	Ant.1	Ant.2
	01	7	7	7	
802.11b	06	7	7	7	
	11	7	7	7	
	01	15	15	1	4
802.11g	06	15	15	14	
	11	15	15	1-	4
11/20	01			14	
802.11n(HT20)	06			14	
3 130	11			14	
	03	1		13	
802.11n(HT40)	06	1		13	
The state of the s	09	618/P		13	
	01	1		14	
802.11ax(HE20)	06		MAGE	14	
VIII TO	11	1		14	
A WOL	03	1		/ 13	
802.11ax(HE40)	06	1		13	
	09			1	3





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1.7 Measurement Uncertainty

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

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	$\pm 3.50~\mathrm{dB}$ $\pm 3.10~\mathrm{dB}$
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	$\pm 4.60~\mathrm{dB}$
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.50 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB
RF Power-Conducted		±0.95 dB
Power Spectral Density- Conducted	1	±3dB
Occupied Bandwidth		±3.8%
Unwanted Emission- Conducted	1000	±2.72 dB

1.8 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.





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2. Test Summary

Standard Section	Test Item	Test Sample(s)	Judgment
FCC 15.207(a)	Conducted Emission	HC-C-202407-0114-03-02	PASS
FCC 15.209 & 15.247(d)	Radiated Unwanted Emissions	HC-C-202407-0114-03-02	PASS
FCC 15.203	Antenna Requirement	HC-C-202407-0114-03-01	PASS
FCC 15.247(a)(2)	6dB Bandwidth	HC-C-202407-0114-03-01	PASS
FCC 15.247(b)(3)	RF Output Power	HC-C-202407-0114-03-01	PASS
FCC 15.247(e)	Power Spectral Density	HC-C-202407-0114-03-01	PASS
FCC 15.247(d)	Band Edge Measurements	HC-C-202407-0114-03-01	PASS
FCC 15.207(a)	Conducted Unwanted Emissions	HC-C-202407-0114-03-01	PASS
FCC 15.247(d) FCC 15.205	Emissions in Restricted Bands	HC-C-202407-0114-03-02	PASS
	On Time and Duty Cycle	HC-C-202407-0114-03-01	1

3. Test Software

		APPLICATION OF THE PROPERTY OF	
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 Test System	JS1120-3	Tonscend	V3.2.22





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4. Test Equipment and Test Site

Test Site				
No.	Test Site	Manutactu rer	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)	√
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 Emission	n Test				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jun. 17, 2024	Jun. 16, 2025
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jun. 17, 2024	Jun. 16, 2025
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jun. 17, 2024	Jun. 16, 2025
LISN	Rohde & Schwarz	ENV216	101131	Jun. 17, 2024	Jun. 16, 2025
Radiation Emission	Test(B Site)	-	'	'	'
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 29, 2024	Aug. 28, 2025
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 17, 2024	Jun. 16, 2025
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. 14, 2024	Jun. 13, 2026
Horn Antenna	SCHWARZBECK	BBHA 9170	1118	Feb. 27, 2024	Feb.26, 2026
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jun. 14, 2024	Jun. 13, 2026
HF Amplifier	Tonscend	TAP9E6343	AP21C806117	Aug. 29, 2024	Aug. 28, 2025
HF Amplifier	Tonscend	TAP051845	AP21C806141	Aug. 29, 2024	Aug. 28, 2025
HF Amplifier	Tonscend	TAP0184050	AP21C806129	Aug. 29, 2024	Aug. 28, 2025
Pre-amplifier	HP	8449B	3008A00849	Feb. 23, 2024	Feb.22, 2025
Highpass Filter	CD	HPM-6.4/18G	1110	N/A	N/A
Highpass Filter	CD	HPM-2.8/18G		N/A	N/A
Highpass Filter	XINBO	XBLBQ-HTA67(8-25G)	22052702-1	N/A	N/A
Antenna Condu	icted Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 17, 2024	Jun. 16, 2025
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Aug. 29, 2024	Aug. 28, 2025
Spectrum Analyzer	KEYSIGHT	N9020B	MY60110172	Aug. 29, 2024	Aug. 28, 2025
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Aug. 29, 2024	Aug. 28, 2025
DE Dower Consor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Aug. 29, 2024	Aug. 28, 2025
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Aug. 29, 2024	Aug. 28, 2025
CHILL	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Aug. 29, 2024	Aug. 28, 2025
RF Control Unit	Tonsced	JS0806-2	21F8060439	Aug. 29, 2024	Aug. 28, 2025
Power Control Box	Tonsced	JS0806-4ADC	21C8060387	N/A	N/A





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5. Conducted Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard

FCC Part 15.207

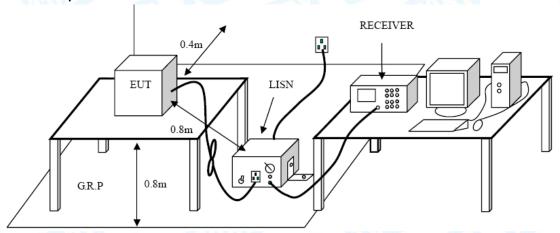
5.1.2 Test Limit

Francis	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





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0.15MHz to 30MHz.

5.4 Deviation From Test Standard

No deviation

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.



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6. Radiated and Conducted Unwanted Emissions

6.1 Test Standard and Limit

6.1.1 Test Standard

FCC Part 15.209 & FCC Part 15.247(d)

6.1.2 Test Limit

Gener	General field strength limits at frequencies Below 30MHz		
Frequency	Field Strength	Measurement Distance	
(MHz)	(microvolt/meter)**	(meters)	
0.009~0.490	2400/F(KHz)	300	
0.490~1.705	24000/F(KHz)	30	
1.705~30.0	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.

General field strength limits at frequencies above 30 MHz			
Frequency	ency Field strength Measurement Distance		
(MHz)	(µV/m at 3 m)	(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 Aver		
Above 1000	74	54	

Note:

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

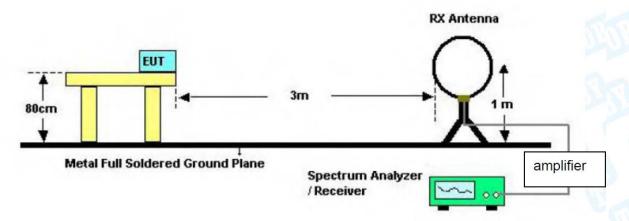
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either 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. Attenuation below the general field strength limits specified in RSS-Gen is not required.



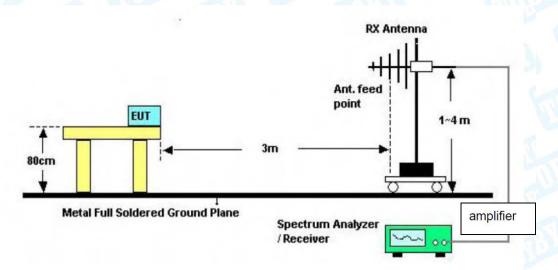
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Page:

6.2 Test Setup

Radiated measurement



Below 30MHz Test Setup



Below 1000MHz Test Setup Ant. feed point 1.5m Metal Full Soldered Ground Plane Spectrum Analyzer / Receiver

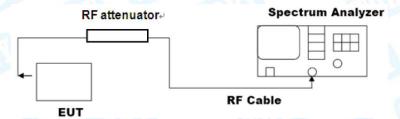
Above 1GHz Test Setup





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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.



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--- 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 external appendix report of 2.4G Wi-Fi.





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7. Restricted Bands Requirement

7.1 Test Standard and Limit

7.1.1 Test Standard

FCC Part 15.205 & FCC Part 15.247(d)

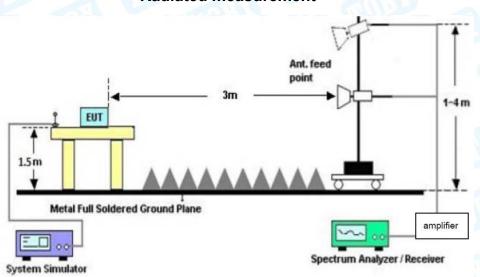
7.1.2 Test Limit

Restricted Frequency		eters(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

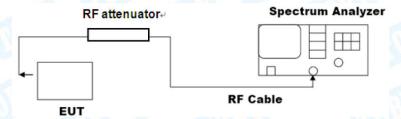
Note: According the ANSI C63.10 11.12.2 antenna-port conducted measurements may also be used as an alternative to radiated measurements for determining compliance in the restricted frequency bands requirements. If conducted measurements are performed, then proper impedance matching must be ensured and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

7.2 Test Setup

Radiated measurement



Conducted measurement







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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
- \leq 30 MHz; 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive; and 0 dB for

frequencies > 1000 MHz).

- 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:

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





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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 external appendix report of 2.4G Wi-Fi.





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8. Bandwidth Test

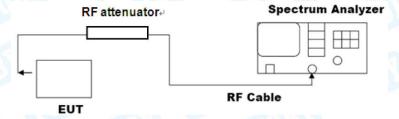
- 8.1 Test Standard and Limit
 - 8.1.1 Test Standard

FCC Part 15.247(d)

8.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
-6dB bandwidth	>=500 KHz	2400~2483.5
(DTS bandwidth)	/-300 KHZ	2400~2403.3

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





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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

Please refer to the external appendix report of 2.4G Wi-Fi.





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9. RF Output Power

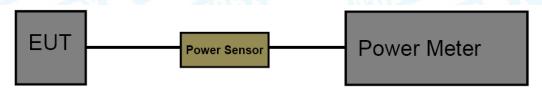
- 9.1 Test Standard and Limit
 - 9.1.1 Test Standard

FCC Part 15.247(b)(3)

9.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
RF Output Power	not exceed 1 W or 30dBm	2400~2483.5

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

Please refer to the external appendix report of 2.4G Wi-Fi.





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10. Power Spectral Density

10.1 Test Standard and Limit

10.1.1 Test Standard

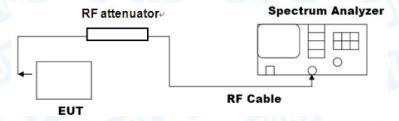
RSS 247 5.2(b)

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

Please refer to the external appendix report of 2.4G Wi-Fi.





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11. Antenna Requirement

11.1 Test Standard and Limit

11.1.1 Test 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 Deviation From Test Standard

No deviation

11.3 Antenna Connected Construction

The gains of the antenna used for transmitting is Ant.1: 5.08dBi; Ant.2: 5.05dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

11.4 Test Data

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

Antenna Type	
☐Permanent attached antenna	
⊠Unique connector antenna	mnBY
☐Professional installation antenna	0

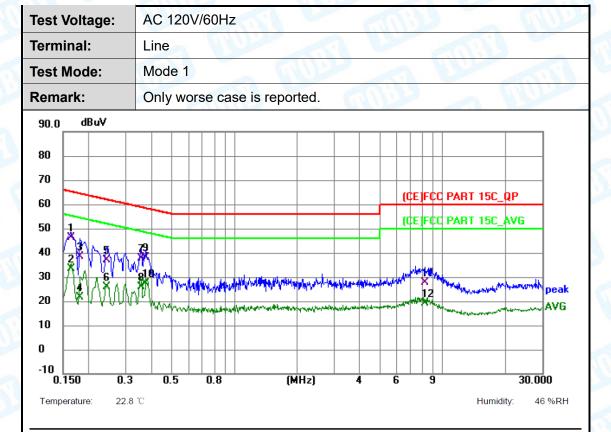




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Attachment A-- Conducted Emission Test Data



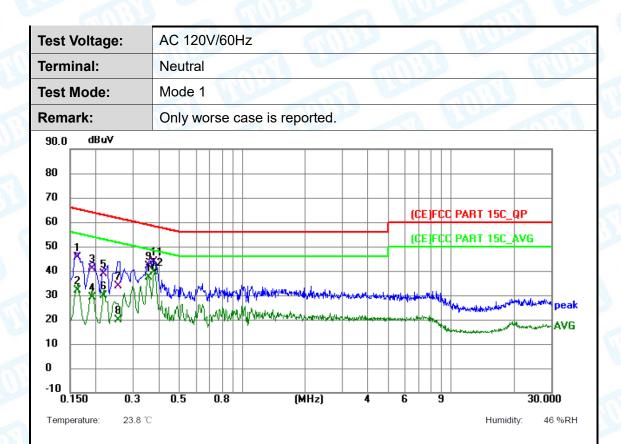
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB	dBu∀	dBu∨	dB	Detector
1	*	0.164	36.52	9.56	46.08	65.26	-19.18	QP
2		0.164	23.88	9.56	33.44	55.26	-21.82	AVG
3		0.181	28.78	9.54	38.32	64.44	-26.12	QP
4		0.181	12.14	9.54	21.68	54.44	-32.76	AVG
5		0.244	27.52	9.49	37.01	61.96	-24.95	QP
6		0.244	16.30	9.49	25.79	51.96	-26.17	AVG
7		0.357	28.31	9.46	37.77	58.80	-21.03	QP
8		0.357	16.57	9.46	26.03	48.80	-22.77	AVG
9		0.375	28.65	9.46	38.11	58.39	-20.28	QP
10		0.375	17.85	9.46	27.31	48.39	-21.08	AVG
11		8.227	18.02	9.62	27.64	60.00	-32.36	QP
12		8.227	9.46	9.62	19.08	50.00	-30.92	AVG

- 1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
- 2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)





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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB	dBu∀	dBu∀	dB	Detector
1		0.163	35.90	9.53	45.43	65.31	-19.88	QP
2		0.163	22.42	9.53	31.95	55.31	-23.36	AVG
3		0.191	31.47	9.52	40.99	63.99	-23.00	QP
4		0.191	19.45	9.52	28.97	53.99	-25.02	AVG
5		0.217	29.17	9.49	38.66	62.93	-24.27	QP
6		0.217	20.27	9.49	29.76	52.93	-23.17	AVG
7		0.254	24.45	9.46	33.91	61.63	-27.72	QP
8		0.254	10.54	9.46	20.00	51.63	-31.63	AVG
9		0.356	32.57	9.47	42.04	58.82	-16.78	QP
10		0.356	27.82	9.47	37.29	48.82	-11.53	AVG
11		0.377	34.31	9.47	43.78	58.35	-14.57	QP
12	*	0.377	29.90	9.47	39.37	48.35	-8.98	AVG

- 1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
- 2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)





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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



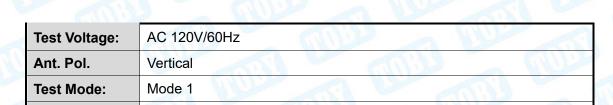
_									
N	0.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1		153.2004	47.51	-21.28	26.23	43.50	-17.27	peak	Р
2	2	234.9909	58.84	-24.07	34.77	46.00	-11.23	peak	Р
3	3	301.4224	58.36	-21.08	37.28	46.00	-8.72	peak	Р
4		366.8231	56.59	-19.55	37.04	46.00	-8.96	peak	Р
5	5	501.1790	47.47	-16.93	30.54	46.00	-15.46	peak	Р
6	*	925.7563	45.32	-7.36	37.96	46.00	-8.04	peak	Р

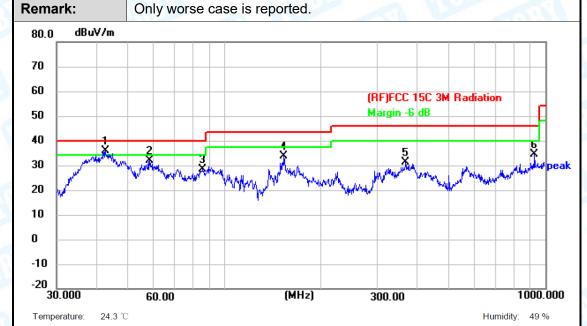
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = QuasiPeak (dB μ V/m)-Limit QPK(dB μ V/m)





Page:





No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	42.6000	59.93	-23.93	36.00	40.00	-4.00	peak	Р
2	58.4074	56.03	-24.10	31.93	40.00	-8.07	peak	Р
3	85.5977	55.35	-27.03	28.32	40.00	-11.68	peak	Р
4	153.2004	54.90	-21.28	33.62	43.50	-9.88	peak	Р
5	366.8231	50.97	-19.55	31.42	46.00	-14.58	peak	Р
6	925.7563	41.84	-7.36	34.48	46.00	-11.52	peak	Р

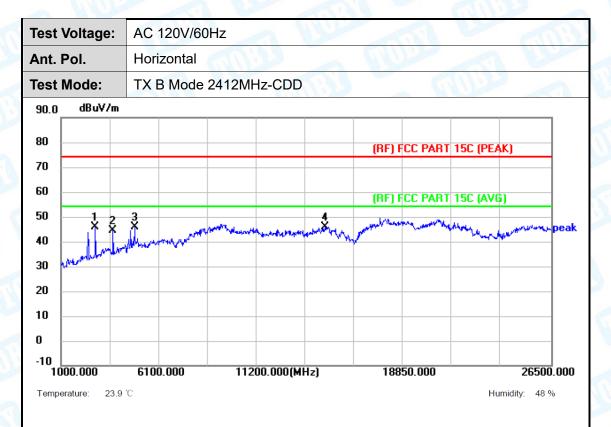
- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = QuasiPeak (dB μ V/m)-Limit QPK(dB μ V/m)





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Above 1GHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	2785.000	58.46	-12.55	45.91	74.00	-28.09	peak	Р
2	3703.000	55.43	-11.04	44.39	74.00	-29.61	peak	Р
3	4825.000	51.32	-5.60	45.72	74.00	-28.28	peak	Р
4	14719.000	36.45	9.32	45.77	74.00	-28.23	peak	Р

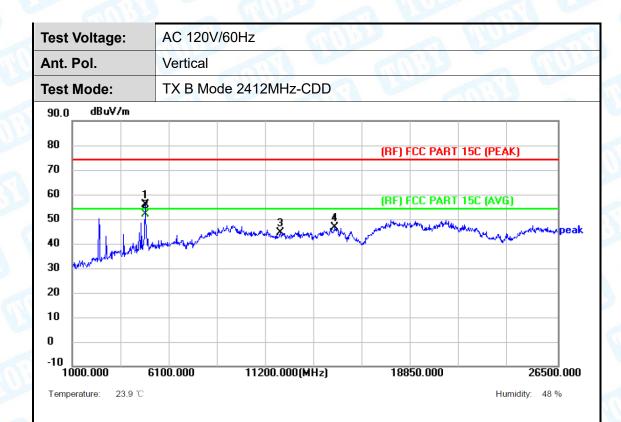
Romark:

- 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.





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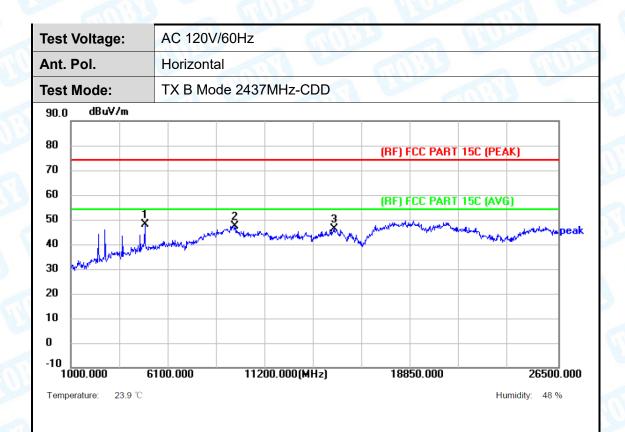
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4825.000	61.48	-5.60	55.88	74.00	-18.12	peak	Р
2 *	4825.000	57.74	-5.60	52.14	54.00	-1.86	AVG	Р
3	11914.000	38.02	6.32	44.34	74.00	-29.66	peak	Р
4	14795.500	36.64	9.94	46.58	74.00	-27.42	peak	Р

- 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.





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4876.000	53.28	-5.10	48.18	74.00	-25.82	peak	Р
2	9593.500	40.90	6.29	47.19	74.00	-26.81	peak	Р
3	14770.000	36.40	9.73	46.13	74.00	-27.87	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.





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Test '	Voltage:		AC 120V	/60Hz		d O D	9		AMA		6
Ant. I	Pol.		Vertical							CH.	1111
Test I	Mode:		TX B Mo	de 2437	MHz-CE	DD	63				
90.0	dBuV/n	n									ı
80 70							(RF) I	CC PART	15C (PEA	K)	
60		1 X		2		_	(RF) F	CC PART	15C (AVG	i)	
50 40	لرسال		And the party party of the same		maudotuni	must my	Jane Marie	Area Company and Company	Mary Mary Mary Mary Mary Mary Mary Mary	مبالم مسلم المساولة	peak
30 20	Land Market										
10											
0 -10											
	000.000	61	00.000	112	00.000(MI	lz)	188	50.000		26500	.000
Tempe	erature: 23	.9 ℃							Hui	midity: 48 %	6

· -									
	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
	1	4876.000	60.90	-5.10	55.80	74.00	-18.20	peak	Р
Γ	2 *	4876.000	57.06	-5.10	51.96	54.00	-2.04	AVG	Р
Γ	3	9542.500	41.87	6.19	48.06	74.00	-25.94	peak	Р
	4	14821.000	36.71	10.01	46.72	74.00	-27.28	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.





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Test Voltage:	AC 120V/60)Hz								
Ant. Pol.	Horizontal	Horizontal								
Test Mode:	TX B Mode	2462MHz-CDD	13	and Y						
90.0 dBuV/m										
80			(RF) FCC PAR	T 15C (PEAK)						
70			(,							
60			(RF) FCC PAR	T 15C (AVG)						
50 40 30	Janet Market	2 3	A CONTRACTOR OF THE PARTY OF TH	and the same of th	eal					
30	J-Aurana Par									
20										
10										
0										
-10 1000.000	6100.000	11200.000(MHz)	18850.000	26500.0	000					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4927.000	57.87	-5.09	52.78	74.00	-21.22	peak	Р
2	9517.000	41.03	6.35	47.38	74.00	-26.62	peak	Р
3	14846.500	36.67	10.07	46.74	74.00	-27.26	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 8-18-18 for the conformal formal frequency in the conformal formal frequency. 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.





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Test Voltage: Ant. Pol.			AC 120V/60Hz									
			Vertical								1)	
Test	Mode:		ТХ В Мо	de 2462	MHz-C	OD						
90.0	dBuV/i	m										
80							(RF) F	CC PART	15C (PEA	iK)		
70												
60		1					(BF) F	CC PART	15C (AV	i)		
50 40	1.4	الموالي الموالي	الميانية ترومه والمعارض	A PARTICIPATION AND AND AND AND AND AND AND AND AND AN	Marin Marine	hallow the	Andrew Contraction	who apple work and	alexandra de la properiori de la constanta de	tarentimi (orphistical)	peak	
30 20	gada ^{ja di} latar	pri e e										
10												
0												
-10 10	00.000	61	00.000	112	00.000(MI	lz)	188	50.000		26500]).000	
Tempe	erature: 23	3.9 ℃							Нι	ımidity: 48 9	%	

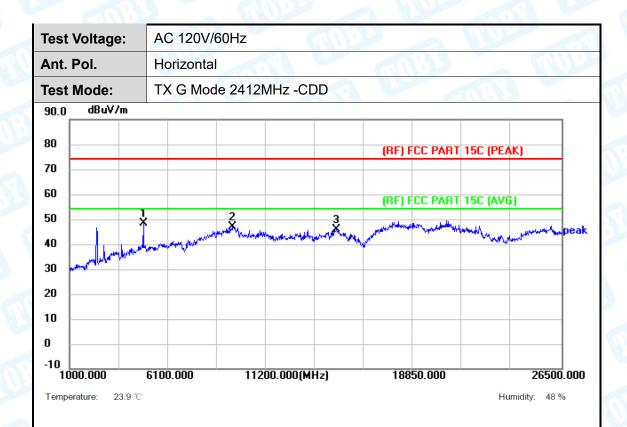
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4927.000	60.39	-5.09	55.30	74.00	-18.70	peak	Р
2 *	4927.000	57.16	-5.09	52.07	54.00	-1.93	AVG	Р
3	12118.000	37.94	6.68	44.62	74.00	-29.38	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Peak/AVG (dBμV/m)- Coff. (dBμV/m)- Limit PK/AVG(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.





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	4825.000	53.96	-5.60	48.36	74.00	-25.64	peak	Р
2	9440.500	40.90	6.16	47.06	74.00	-26.94	peak	Р
3	14846.500	35.99	10.07	46.06	74.00	-27.94	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.





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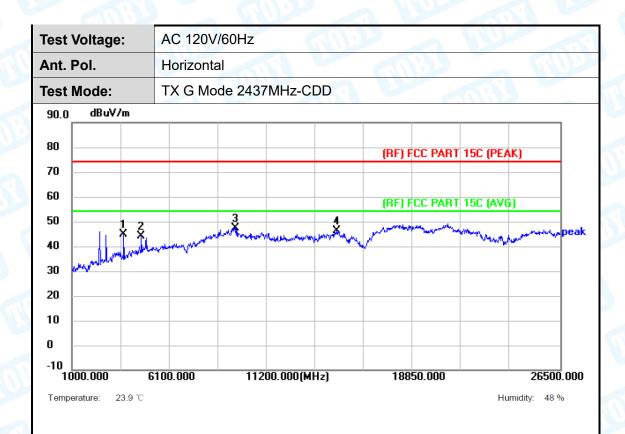
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4825.000	55.83	-5.60	50.23	74.00	-23.77	peak	Р
2	8140.000	43.24	0.91	44.15	74.00	-29.85	peak	Р
3	9440.500	41.51	6.16	47.67	74.00	-26.33	peak	Р
4	14821.000	36.55	10.01	46.56	74.00	-27.44	peak	Р

- 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.





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- 4									
	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
	1	3703.000	55.89	-11.04	44.85	74.00	-29.15	peak	Р
	2	4621.000	51.37	-7.18	44.19	74.00	-29.81	peak	Р
	3 *	9517.000	41.04	6.35	47.39	74.00	-26.61	peak	Р
	4	14821.000	36.26	10.01	46.27	74.00	-27.73	peak	Р

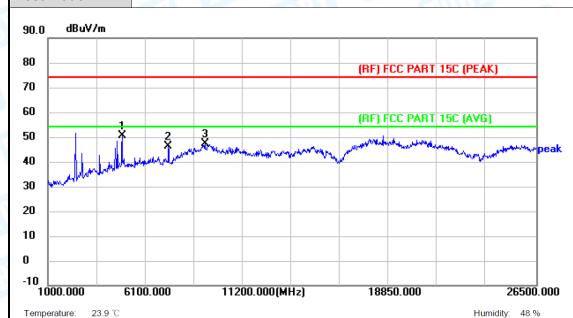
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test 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.





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Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	TX G Mode 2437MHz-CDD



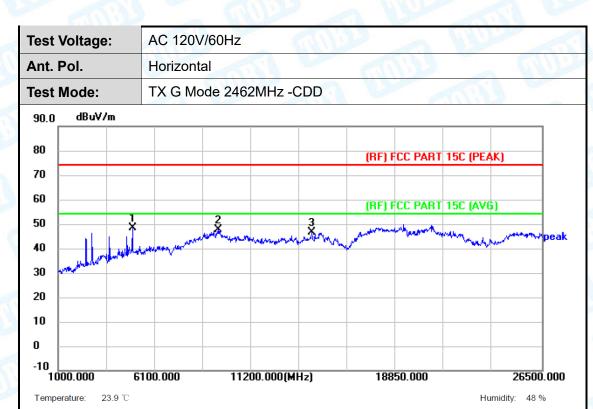
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	4876.000	55.75	-5.10	50.65	74.00	-23.35	peak	Р
2	7298.500	48.18	-1.89	46.29	74.00	-27.71	peak	Р
3	9211.000	43.20	4.06	47.26	74.00	-26.74	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dB μ V/m)= Corr. (dB/m)+ Read Level (dB μ V)
- 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.





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No.	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector	P/F
1 *	4927.000	53.35	-5.09	48.26	74.00	-25.74	peak	Р
2	9440.500	41.53	6.16	47.69	74.00	-26.31	peak	Р
3	14387.500	38.41	8.24	46.65	74.00	-27.35	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.





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est \	Voltage		AC 120	V/60Hz	_ (Boss				
nt. I	Pol.		Vertical								
est l	Mode:		TX G M	ode 246	2MHz -C	DD	163		TITE		
90.0	dBuV/i	n									
80							(RF) I	CC PART	15C (PE/	AK)	
70									,	,	
60		1					(RF) I	CC PART	15C (AV	i)	
50 40	المساوا		and a second		Market and a state of the state	₩ X	A CONTRACTOR OF THE PARTY OF TH	and the same of th	thinked watery	And the second second second	peak
30	potential to the second										
20											
10											
0											
-10 10	00.000	61	00.000	112	00.000(MH	z)	188	50.000		26500). 000
Tempe	erature: 23	.9 ℃							Н	ımidity: 48 9	%

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4927.000	58.69	-5.09	53.60	74.00	-20.40	peak	Р
2	9491.500	42.23	6.44	48.67	74.00	-25.33	peak	Р
3	14770.000	37.20	9.73	46.93	74.00	-27.07	peak	Р

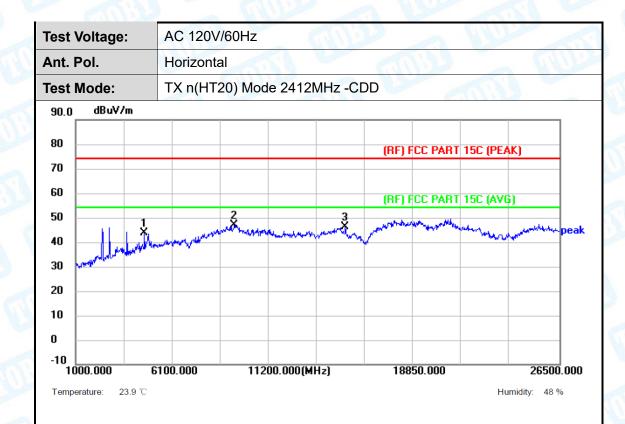
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m) 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with 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.





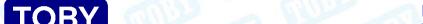
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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	4621.000	51.08	-7.18	43.90	74.00	-30.10	peak	Р
2 *	9364.000	41.46	5.41	46.87	74.00	-27.13	peak	Р
3	15203.500	36.20	10.00	46.20	74.00	-27.80	peak	Р

- 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.





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Test Voltage:	AC 120V/60Hz			
Ant. Pol.	Vertical		TO THE PARTY OF TH	CAIR;
Test Mode:	TX n(HT20) Mc	de 2412MHz -CDD		
90.0 dBuV/m				
80			RF) FCC PART 15C (PEA	(K)
70		,	II JI CC FAITI 13C (I EA	ik)
60			RF) FCC PART 15C (AVG	i)
50	2 3		glames realization party making former of	
30 mark mark	Literature order of the reservoir	and and the said of the property of the said of the sa	Jenney L	Malurabear
30				
20				
10				
0				
-10 <u> </u>	6100.000 11	1200.000(MHz)	18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4825.000	54.07	-5.60	48.47	74.00	-25.53	peak	Р
2	7247.500	47.19	-2.05	45.14	74.00	-28.86	peak	Р
3	9517.000	40.81	6.35	47.16	74.00	-26.84	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.





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Test Voltage:	AC 120V/6	0Hz		
Ant. Pol.	Horizontal			ann:
Test Mode:	TX n(HT20) Mode 2437MHz	-CDD	
90.0 dBuV/m				
80			(RF) FCC PART	15C (PEAK)
70				
60			(RF) FCC PART	15C (AVG)
40 × 30	water to the first of the first	3 Variables and a second	May a series and a	peak
30				
20				
10				
0				
-10 1000.000	6100.000	11200.000(MHz)	18850.000	26500.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	3703.000	54.99	-11.04	43.95	74.00	-30.05	peak	Р
2	4876.000	49.52	-5.10	44.42	74.00	-29.58	peak	Р
3 *	9491.500	40.90	6.44	47.34	74.00	-26.66	peak	Р

- 1. 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)
- 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.





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7.0 .2017	60Hz								
Vertical									
TX n(HT2	TX n(HT20) Mode 2437MHz -CDD								
		(DE) ECC DART	15C (DEAK)						
		(III) I CC I AIII	Tot (FEAR)						
		(RF) FCC PART	15C (AVG)						
×	2 3 X								
Manhamada and a service	and the second s	Ψ,***	M. Julyana						
6100.000	11200.000(MHz)	18850.000	26500.000						
	TX n(HT2	TX n(HT20) Mode 2437MHz -CI	TX n(HT20) Mode 2437MHz -CDD (RF) FCC PART (RF) FCC PART						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4876.000	55.89	-5.10	50.79	74.00	-23.21	peak	Р
2	9364.000	41.90	5.41	47.31	74.00	-26.69	peak	Р
3	14387.500	38.30	8.24	46.54	74.00	-27.46	peak	Р

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

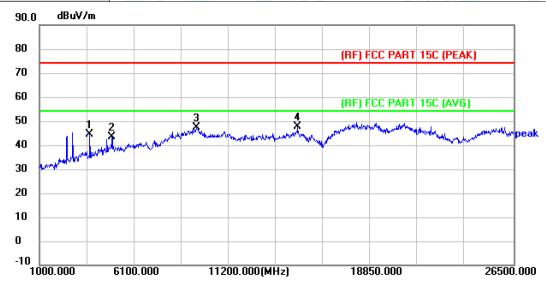
- Cont. Anterina Pactor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m) = Corr. (dB/m) + Read Level (dBμV)
 Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (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.





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1	Test Voltage:	AC 120V/60Hz
/	Ant. Pol.	Horizontal
	Test Mode:	TX n(HT20) Mode 2462MHz -CDD



Temperature: 23.9 $^{\circ}$ C Humidity: 48 $^{\circ}$

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3703.000	55.61	-11.04	44.57	74.00	-29.43	peak	Р
2	4901.500	48.40	-5.10	43.30	74.00	-30.70	peak	Р
3	9466.000	41.05	6.35	47.40	74.00	-26.60	peak	Р
4 *	14897.500	37.37	10.16	47.53	74.00	-26.47	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.





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Test '	Voltage	:	AC 120V	/60Hz					Ann		
Ant. I	Pol.		Vertical					1350			1111
Test	Mode:		TX n(HT2	20) Mod	e 2462N	/Hz -CD)D		MR.		
90.0	dBuV/	/m									7
80							(RF) F	CC PART	15C (PEA	aK)	-
70											-
60							(RF) F	CC PART	15C (AVG	ā)	
50	1.	X	1	2	3	ماد المحاليد	in the second se	of and a graph was the same of	LANGUAGE MANGERALA	application of	peak
40	No. of Lots	Jack Miles	- white when		A Appendig	A. A.P.	£		. #W-O		
30 20	W let										
10											-
0											-
-10 10	000.000	6	3100.000	112	:00.000(MF	Hz)	188	50.000		26500] 3.000
Tempe	erature: 2	23.9 ℃							Hu	ımidity: 48 %	%

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4621.000	55.72	-7.18	48.54	74.00	-25.46	peak	Р
2	9491.500	41.50	6.44	47.94	74.00	-26.06	peak	Р
3	12806.500	38.61	7.23	45.84	74.00	-28.16	peak	Р

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Peak/AVG (dBμV/m)- Coff. (dBμV/m)- Limit PK/AVG(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.





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Test	Voltage):	AC 120V	//60Hz							
Ant.	Pol.		Horizont	al	56	Control of the Contro	all				
Test	Mode:		TX n(HT	40) Mod	e 2422N	⁄IHz -CD	D				
90.0	dBuV/	'm									1
80							(RF) F	CC PART	15C (PEA	iK)	
70											
60								CC PART	15C (AV	i)	
50		1 *		2	العدروا والعالمة المعالمة المعالمة	and the	Married Street	and the same of th	mandrage	And the state of t	peak
40 30	Mary Mary	And the State of t	go di waxay giray a waxay a								
20											
10											
0											
-10 10) 100.000	61	00.000	1120	00.000(MI	Hz)	188	50.000		26500	 .000
Tempe	erature: 2	3.9 ℃							Ни	ımidity: 48 %	%

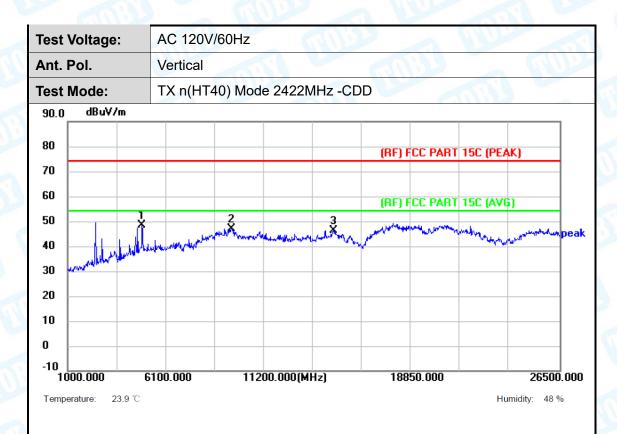
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1	3703.000	54.89	-11.04	43.85	74.00	-30.15	peak	Р
2 *	9517.000	40.81	6.35	47.16	74.00	-26.84	peak	Р
3	14846.500	36.85	10.07	46.92	74.00	-27.08	peak	Р

- 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.





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4850.500	53.51	-5.10	48.41	74.00	-25.59	peak	Р
2	9491.500	40.61	6.44	47.05	74.00	-26.95	peak	Р
3	14795.500	36.46	9.94	46.40	74.00	-27.60	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.

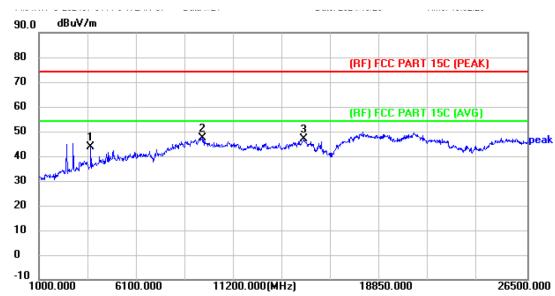




Humidity: 48 %

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	Test Voltage:	AC 120V/60Hz
/	Ant. Pol.	Horizontal
	Test Mode:	TX n(HT40) Mode 2437MHz -CDD



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3703.000	54.89	-11.04	43.85	74.00	-30.15	peak	Р
2 *	9517.000	40.81	6.35	47.16	74.00	-26.84	peak	Р
3	14846.500	36.85	10.07	46.92	74.00	-27.08	peak	Р

Remark:

Temperature:

23.9 ℃

- 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.





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est Voltage:	AC 120V	/60Hz					
Ant. Pol.	Vertical						(III)
est Mode:	TX n(HT	40) Mode 243	7MHz -CD	D		ARV.	
90.0 dBuV/m							
80				(RF) F	CC PART	15C (PEA	K)
70 60				(RF) I	CC PART	15C (AVG	
50	Links of the policy	2 publishment de marginul	JANA MAN			waken way have	
30							
10							
-10							
1000.000 Temperature: 23.9	6100.000	11200.000	(MHz)	188	50.000		26500.0 0 midity: 48 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	4850.500	53.51	-5.10	48.41	74.00	-25.59	peak	Р
2	9491.500	40.61	6.44	47.05	74.00	-26.95	peak	Р
3	14795.500	36.46	9.94	46.40	74.00	-27.60	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.





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est Voltage:	AC 120V/6	60Hz						
nt. Pol.	Horizontal	rizontal						
est Mode:	TX n(HT4	0) Mode 2452MHz -C	DD					
90.0 dBuV/m								
30			(RF) FCC PART	15C (PEAK)				
70			(III) TECTAIT	Toc (i EAK)				
60			(RF) FCC PART	15C (AVG)				
50	1	2 mortunal and 3	The state of the s	www.a				
10	Maria Maria Maria	and a sharp of the same	~\rac{1}{2}	Pear Control of the C				
20								
10								
10								
1000.000	6100.000	11200.000(MHz)	18850.000	26500.000				

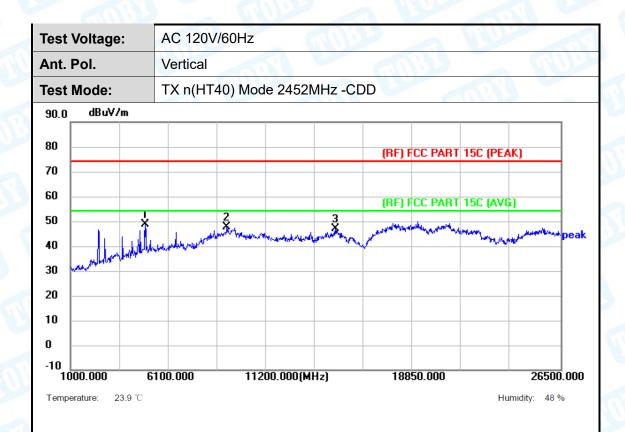
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4621.000	50.16	-7.18	42.98	74.00	-31.02	peak	Р
2 *	9389.500	41.34	5.50	46.84	74.00	-27.16	peak	Р
3	14183.500	38.46	7.60	46.06	74.00	-27.94	peak	Р

- 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.





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	4901.500	54.02	-5.10	48.92	74.00	-25.08	peak	Р
2	9134.500	43.51	4.05	47.56	74.00	-26.44	peak	Р
3	14770.000	37.32	9.73	47.05	74.00	-26.95	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.





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Test \	/oltage:	AC 120V	/60Hz	1		CIL				
Ant. F	Pol.	Horizonta	al							
Test N	Mode:	TX ax(HE	20) Mod	e 2412M	Hz -C[OD	y K			
90.0	dBuV/m									
80						(RF) F	CC PART	15C (PEA	ıK)	
70										
60						(RF) F	CC PART	15C (AV	i)	
50	1 2	3	3	المال إداعات والمالية	and the same	Alexander Contraction	and a graph or other land	antique .	الهياه المحاطمين ال	peak
40	And the state of t		A	The Market of the Bull	Mar Mary May	<u>~</u>		THE PARTY OF THE P	WAY.	
30	Markethan									
20										
10										
0										
-10 10	100.000	6100.000	11200).000(MHz)	188	50.000		26500	.000
Tempe	erature: 23.9 °C							Hu	ımidity: 48 %	6

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3703.000	55.36	-11.04	44.32	74.00	-29.68	peak	Р
2	4621.000	50.48	-7.18	43.30	74.00	-30.70	peak	Р
3 *	9440.500	40.64	6.16	46.80	74.00	-27.20	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)

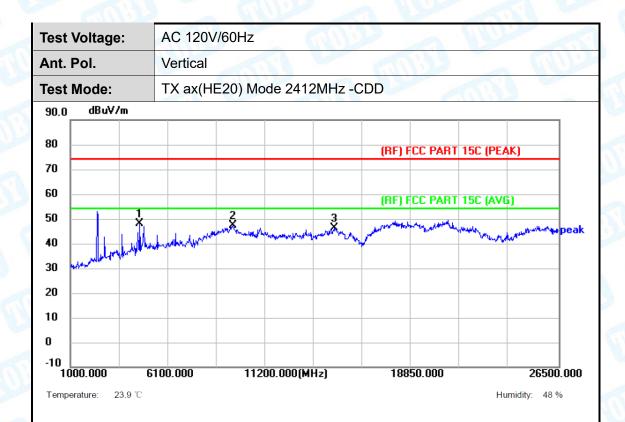
 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

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





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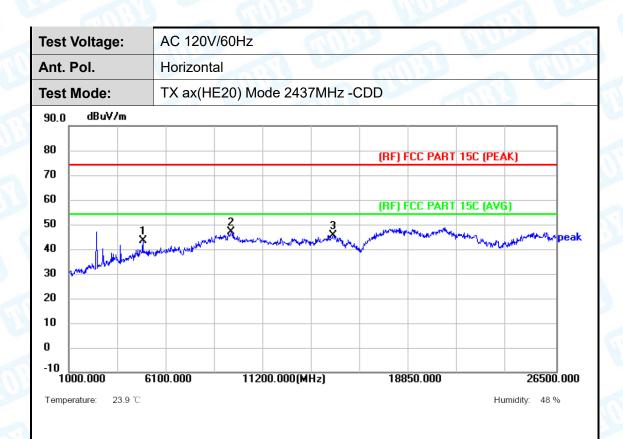
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1 *	4621.000	55.04	-7.18	47.86	74.00	-26.14	peak	Р
2	9491.500	40.89	6.44	47.33	74.00	-26.67	peak	Р
3	14795.500	36.41	9.94	46.35	74.00	-27.65	peak	Р

- 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.





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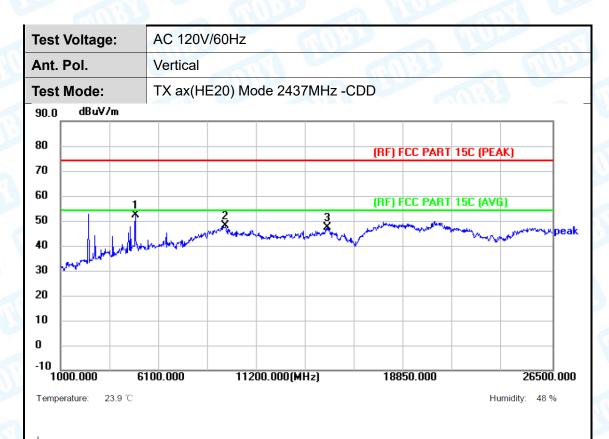
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	4876.000	48.37	-5.10	43.27	74.00	-30.73	peak	Р
2 *	9491.500	40.59	6.44	47.03	74.00	-26.97	peak	Р
3	14846.500	35.61	10.07	45.68	74.00	-28.32	peak	Р

- 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.





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4876.000	57.35	-5.10	52.25	74.00	-21.75	peak	Р
2	9542.500	41.67	6.19	47.86	74.00	-26.14	peak	Р
3	14821.000	37.45	10.01	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)
- 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.





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Test Voltage:	AC 120V/60Hz	40000		An	
Ant. Pol.	Horizontal		1397		WATE:
Test Mode:	TX ax(HE20) Mode	e 2462MHz -CDD			
90.0 dBuV/m					
80		(RF)	FCC PART	15C (PEAK	g
70					
60		(RF)	FCC PART	15C (AVG)	
40	Commence property of the Secretary day	manufacture promise	المراحلة المروضية والمراجلة والمراجل	and the North of the State of t	_w ww.www.peak
20					
10					
0					
-10 1000.000	6100.000 1120	00.000(MHz) 18	850.000		26500.000

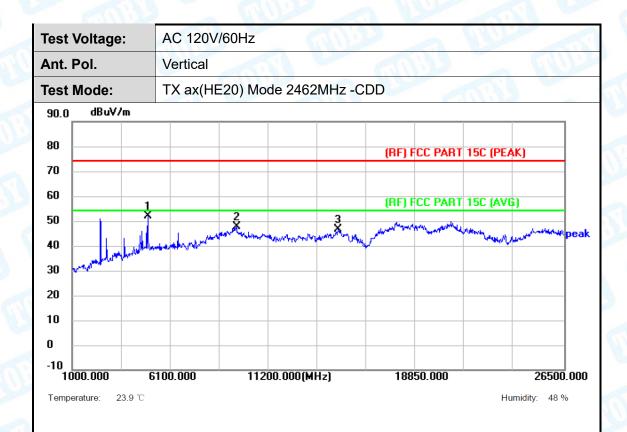
	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
ľ	1	4850.500	46.75	-5.10	41.65	74.00	-32.35	peak	Р
	2 *	9440.500	40.58	6.16	46.74	74.00	-27.26	peak	Р
	3	14872.000	35.12	10.11	45.23	74.00	-28.77	peak	Р

- 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.





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1 *	4927.000	57.16	-5.09	52.07	74.00	-21.93	peak	Р
2	9517.000	41.22	6.35	47.57	74.00	-26.43	peak	Р
3	14770.000	36.93	9.73	46.66	74.00	-27.34	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.





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Test	Voltage):	AC 120\	//60Hz							
Ant.	Pol.		Horizont	al	51	Care	CITI O	137			775
Test	Mode:		TX ax(H	E40) Mc	de 2422	2MHz -C	DD				
90.0	dBuV/	'm									,
80							(RF) F	CC PART	15C (PEA	ıK)	
70											
60									15C (AVE	_	
50 40		1 2 X X	and former property and	AN MALLA	المراجعة	with the way	January and a second	hit was a second	and the same	market and a second	peak
30 20	W-WANDOW										
10											
0											
-10 10	000.000	61	00.000	112	00.000(MI	łz)	188	50.000		26500	 .000
Tempe	erature: 2	3.9 ℃							Hu	ımidity: 48 %	%

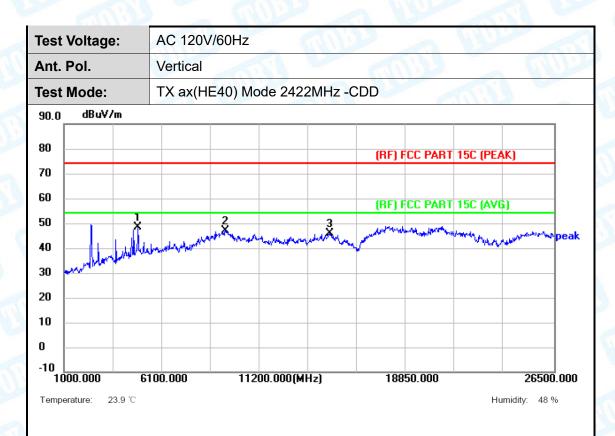
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3703.000	54.48	-11.04	43.44	74.00	-30.56	peak	Р
2	4850.500	47.87	-5.10	42.77	74.00	-31.23	peak	Р
3 *	9440.500	40.70	6.16	46.86	74.00	-27.14	peak	Р
4	14770.000	36.60	9.73	46.33	74.00	-27.67	peak	Р

- 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.





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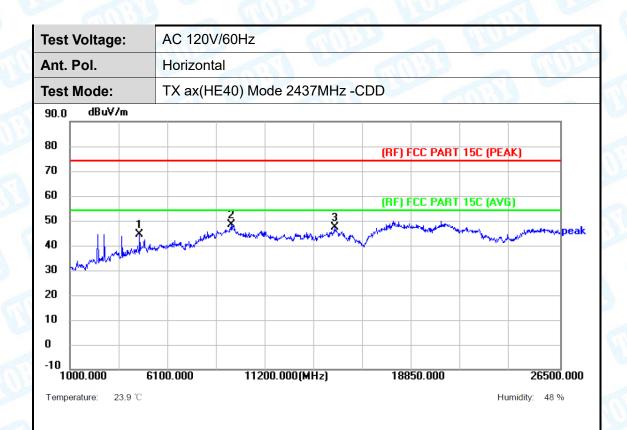
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1 *	4850.500	53.32	-5.10	48.22	74.00	-25.78	peak	Р
2	9415.000	41.12	5.76	46.88	74.00	-27.12	peak	Р
3	14846.500	35.70	10.07	45.77	74.00	-28.23	peak	Р

- 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.





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F	
1	4621.000	51.56	-7.18	44.38	74.00	-29.62	peak	Р	Г
2 *	9415.000	42.77	5.76	48.53	74.00	-25.47	peak	Р	
3	14770.000	37.46	9.73	47.19	74.00	-26.81	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.





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Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX ax(HE40) Mode 2437Ml	Hz -CDD	
90.0 dBuV/m			
80		(RF) FCC PART 15C (PEAK)	
70			
60		(RF) FCC PART 15C (AVG)	
50 40 30	the designation of the second	3 De	eak
30			
20			
10			
0			
-10 1000.000 6	100.000 11200.000(MHz)	18850.000 26500.0	100

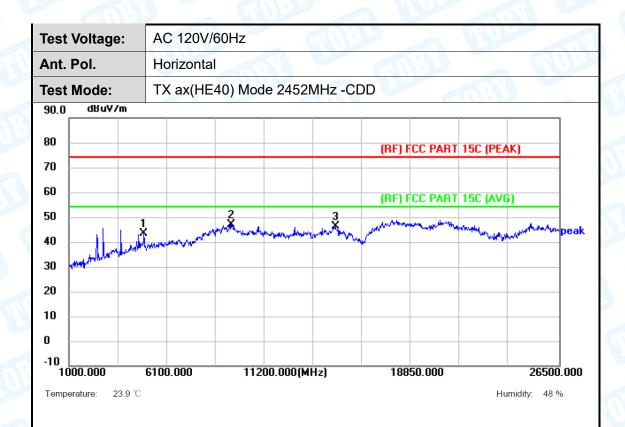
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1	4876.000	53.11	-5.10	48.01	74.00	-25.99	peak	Р
2 *	9338.500	43.17	5.00	48.17	74.00	-25.83	peak	Р
3	14821.000	36.43	10.01	46.44	74.00	-27.56	peak	Р

- 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.





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	4901.500	48.41	-5.10	43.31	74.00	-30.69	peak	Р
2 *	9466.000	40.69	6.35	47.04	74.00	-26.96	peak	Р
3	14872.000	36.05	10.10	46.15	74.00	-27.85	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.





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Test \	Voltage:	AC 120V	/60Hz							
Ant. F	Pol.	Vertical	Vertical							
Test I	Mode:	TX ax(HE	TX ax(HE40) Mode 2452MHz -CDD							
90.0	dBuV/m									
80					(RF)	CC PART	15C (PEA	ıK)		
70 60					(RF) I	CC PART	15C (AV6	i)		
50 40		Landra State Committee Committee	man and a suppose	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		arinal paga attaina gal			pea	
	والمرابعين									
20 10										
0										
-10 10	00.000	6100.000	11200.000(M	Hz)	188	50.000		26500	 .000	
Tempe	erature: 23.9°	С					Hu	midity: 48 %	6	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4901.500	53.52	-5.10	48.42	74.00	-25.58	peak	Р
2	9466.000	40.67	6.35	47.02	74.00	-26.98	peak	Р
3	14846.500	35.79	10.07	45.86	74.00	-28.14	peak	Р

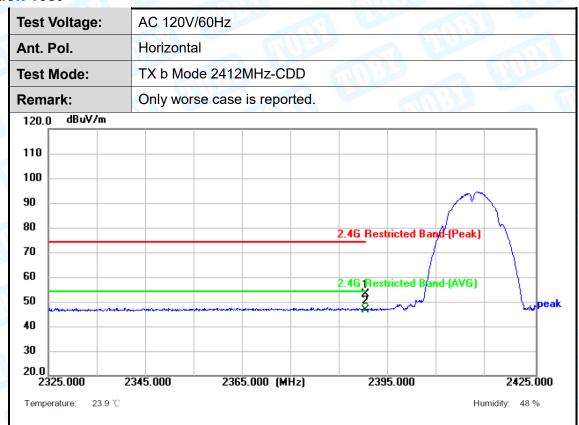
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass 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.



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Attachment C-- Restricted Bands Requirement Test Data

Radiation Test



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1	2390.000	43.09	9.98	53.07	74.00	-20.93	peak	Р
2 *	2390.000	36.72	9.98	46.70	54.00	-7.30	AVG	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)

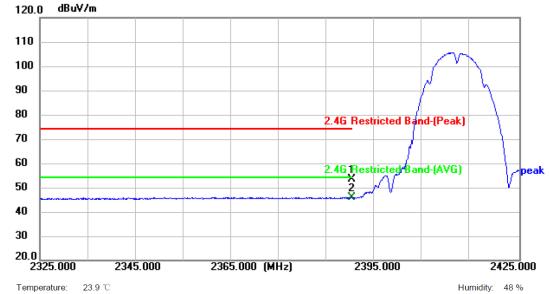






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Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical					
Test Mode:	TX b Mode 2412MHz-CDD					
Remark:	Only worse case is reported.					
120.0 dBuV/m						
110						



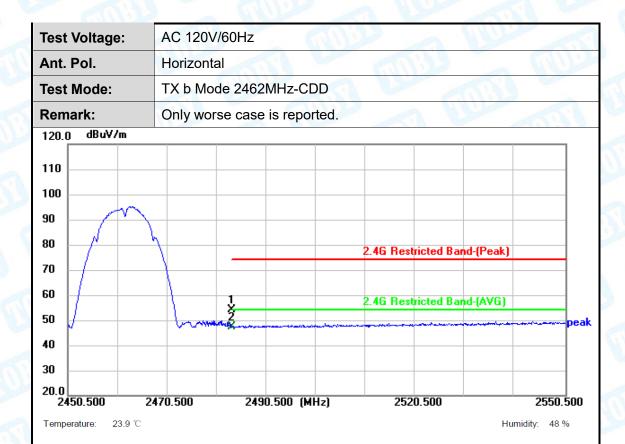
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2390.000	43.36	9.98	53.34	74.00	-20.66	peak	Р
2 *	2390.000	35.96	9.98	45.94	54.00	-8.06	AVG	Р

- 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)





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	43.75	10.20	53.95	74.00	-20.05	peak	Р
2 *	2483.500	37.12	10.20	47.32	54.00	-6.68	AVG	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)







est Voltage:	AC 120V/60	AC 120V/60Hz								
nt. Pol.	Vertical	ertical X b Mode 2462MHz-CDD nly worse case is reported.								
est Mode:	TX b Mode									
emark:	Only worse	case is reported.								
20.0 dBuV/m										
10 00 0 0 0			2.4G Restricted Band-(Peak							
0	M		2.4G Restricted Band-(AVG) 						
0										
0.0 2450.500 2	470.500	2490.500 (MHz)	2520.500	2550.500						

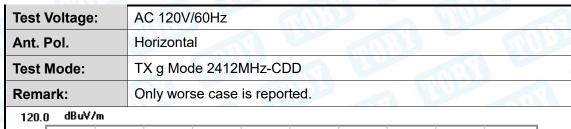
N	lo.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
•	1	2483.500	45.63	10.20	55.83	74.00	-18.17	peak	Р
2	*	2483.500	37.47	10.20	47.67	54.00	-6.33	AVG	Р

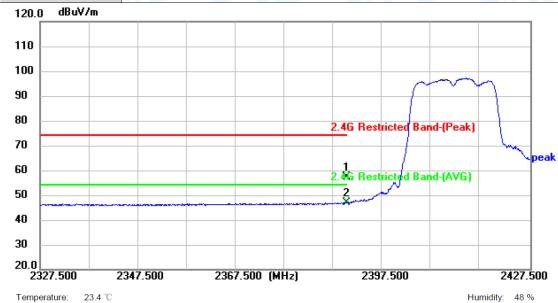
- Remark:
 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2390.000	47.28	9.98	57.26	74.00	-16.74	peak	Р
2 *	2390.000	36.88	9.98	46.86	54.00	-7.14	AVG	Р

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





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2389.000	51.97	9.97	61.94	74.00	-12.06	peak	Р
2 *	2389.000	42.40	9.97	52.37	54.00	-1.63	AVG	Р
3	2390.000	55.25	9.98	65.23	74.00	-8.77	peak	Р
4	2390.000	41.61	9.98	51.59	54.00	-2.41	AVG	Р

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





Humidity: 48 %

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Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	TX g Mode 2462MHz-CDD
Remark:	Only worse case is reported.
120.0 dBuV/m	
110 100 90 80 70	2.4G Restricted Band-(Peak)
60 50	1 X 2.4G Restricted Band-(AVG) 2
40	peak
30	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	47.13	10.20	57.33	74.00	-16.67	peak	Р
2 *	2483.500	37.04	10.20	47.24	54.00	-6.76	AVG	Р

Remark:

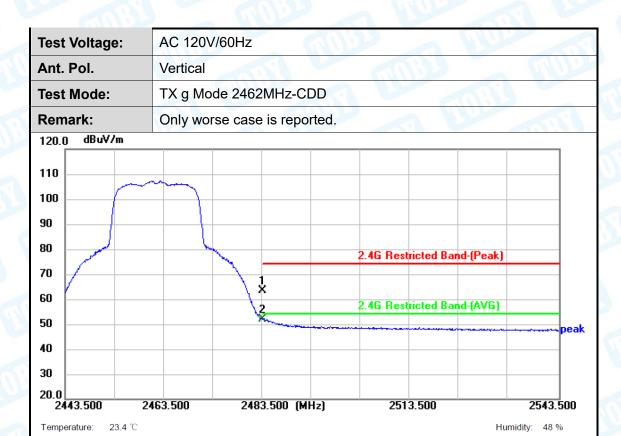
Temperature:

- 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)





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1	2483.500	53.26	10.20	63.46	74.00	-10.54	peak	Р
2 *	2483.500	41.76	10.20	51.96	54.00	-2.04	AVG	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)







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est Voltage:	AC 120V/	60Hz		
nt. Pol.	Horizonta		anis s	CHIT!
est Mode:	TX n(HT2	0) Mode 2412MHz -C	DD	
Remark:	Only wors	se case is reported.		
120.0 dBuV/m				
110 100 90 80 70 60			2.4G Restricted Band-(Peal	h pea
40				
20.0 2328.000	2348.000	2368.000 (MHz)	2398.000	2428,000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1	2390.000	45.75	9.98	55.73	74.00	-18.27	peak	Р
2 *	2390.000	36.89	9.98	46.87	54.00	-7.13	AVG	Р

- Remark: 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)

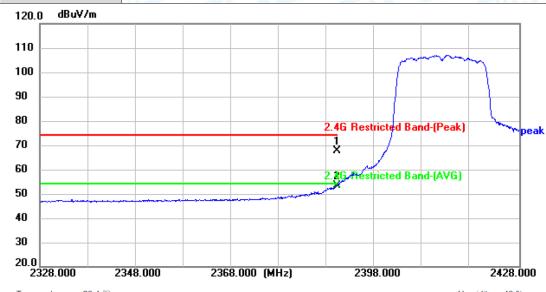






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Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	TX n(HT20) Mode 2412MHz -CDD
Remark:	Only worse case is reported.
120 O dBuV/m	



Temperature: 23.4 ℃ Humidity: 48 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2390.000	57.57	9.98	67.55	74.00	-6.45	peak	Р
2 *	2390.000	43.42	9.98	53.40	54.00	-0.60	AVG	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)





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Test Voltage:	AC 120V/60Hz								
Ant. Pol.	Horizontal								
Test Mode:	TX n(HT20) Mode 2462MHz -CDD								
Remark:	Only worse case is reported.								
120.0 dBuV/m									



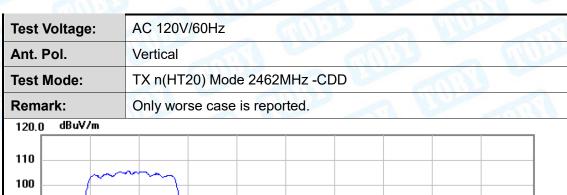
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	46.12	10.20	56.32	74.00	-17.68	peak	Р
2 *	2483.500	36.93	10.20	47.13	54.00	-6.87	AVG	Р

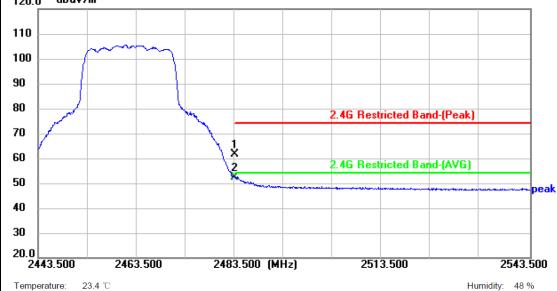
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	51.52	10.20	61.72	74.00	-12.28	peak	Р
2 *	2483.500	41.96	10.20	52.16	54.00	-1.84	AVG	Р

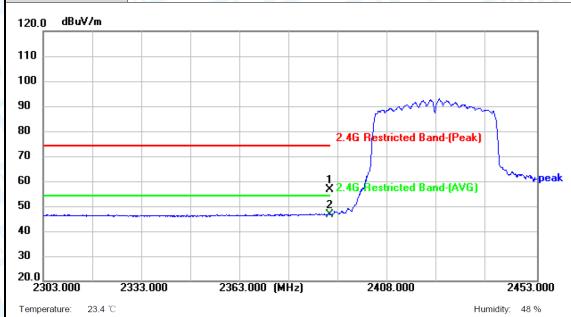
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)





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Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	TX n(HT40) Mode 2422MHz -CDD
Remark:	Only worse case is reported.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	46.55	9.98	56.53	74.00	-17.47	peak	Р
2 *	2390.000	36.57	9.98	46.55	54.00	-7.45	AVG	Р

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







est Voltage:	AC 120V	/60Hz							
Ant. Pol.	Vertical	ertical							
est Mode:	TX n(HT4	10) Mode 2422MHz -C	DD						
Remark:	Only wor	se case is reported.							
120.0 dBuV/m									
110									
00									
10			$\int \int $						
80									
-			2.4G Restricted Band-(Peak)	pea					
0		1 X		Фреа					
50		2	2.4G Restricted Band-(AVG)						
50		- Andrew - A	7						
10									
30									
20.0 2303.000	2333.000	2363.000 (MHz)	2408.000	2453.000					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	54.63	9.98	64.61	74.00	-9.39	peak	Р
2 *	2390.000	43.75	9.98	53.73	54.00	-0.27	AVG	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 (dB μ V/m)-Limit PK/AVG(dB μ V/m)







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est Voltage:	AC 120V	AC 120V/60Hz						
nt. Pol.	Horizonta	orizontal						
est Mode:	TX n(HT4	10) Mode 2452MHz -C	CDD	NY S				
lemark:	Only wor	se case is reported.						
120.0 dBuV/m								
110 100 30 30 70	A	1 ×	2.4G Restricted Band-(Pe					
50		2		peal				
30								
20.0 2426.500	2456.500	2486.500 (MHz)	2531.500	2576.500				
Temperature: 23.4 °C				Humidity: 48 %				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	45.84	10.20	56.04	74.00	-17.96	peak	Р
2 *	2483.500	37.15	10.20	47.35	54.00	-6.65	AVG	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 (dB μ V/m)-Limit PK/AVG(dB μ V/m)

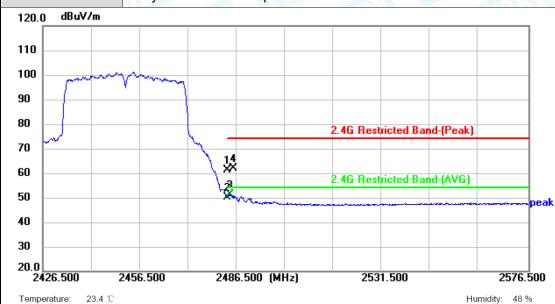




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Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	TX n(HT40) Mode 2452MHz -CDD
Remark:	Only worse case is reported.
120.0 dBuV/m	



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	51.06	10.20	61.26	74.00	-12.74	peak	Р
2	2483.500	39.93	10.20	50.13	54.00	-3.87	AVG	Р
3 *	2484.250	41.07	10.21	51.28	54.00	-2.72	AVG	Р
4	2485.450	51.86	10.21	62.07	74.00	-11.93	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)





2427.750



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Test Vo	ltage:	AC 120V/60Hz
Ant. Po	ol.	Horizontal
Test M	ode:	TX ax(HE20) Mode 2412MHz -CDD
Remar	k:	Only worse case is reported.
120.0	dBuV/m	
110		
100		
90		
80 _		2.4G Restricted Band-(Peak)
70		
60		2.XG Restricted Band-(AVG)
50		3
40		
30		

23.4 ℃ Temperature: Humidity: 48 %

2397.750

2367.750 (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2390.000	46.73	9.98	56.71	74.00	-17.29	peak	Р
2 *	2390.000	35.76	9.98	45.74	54.00	-8.26	AVG	Р

Remark:

20.0 2327.750

2347.750

- 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)





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Test Voltage:	AC 120V/60Hz		6
Ant. Pol.	Vertical		
Test Mode:	TX ax(HE20) Mode 2412	MHz -CDD	
Remark:	Only worse case is repor	ed.	
120.0 dBuV/m			,
110			
100			-
90			-
80		2.4G Restricted Band-(Peak)	peal
70		×	pear
60		2.2G Restricted Band-(AVG)	-
50		www.	-
40			-
30			-
20.0	2347.750 2367.750 (M	Hz) 2397.750 2427.] .750

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2390.000	58.71	9.98	68.69	74.00	-5.31	peak	Р
2 *	2390.000	43.14	9.98	53.12	54.00	-0.88	AVG	Р

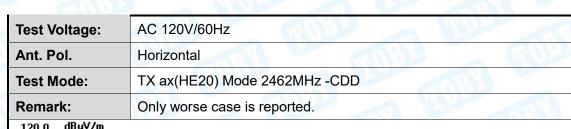
Remark:

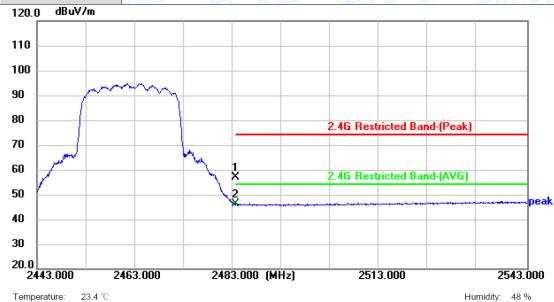
- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)





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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	46.94	10.20	57.14	74.00	-16.86	peak	Р
2 *	2483.500	35.98	10.20	46.18	54.00	-7.82	AVG	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)







est Voltage:	AC 120V/60Hz	AC 120V/60Hz					
nt. Pol.	Vertical	Vertical					
est Mode:	TX ax(HE20) Mode 24	62MHz -CDD					
emark:	Only worse case is rep	oorted.					
120.0 dBuV/m							
110 100 90 80 70		2.4G Restricted Band-(Peak)					
50	1 2 2	2.4G Restricted Band-(AVG)	pea				
20.0 2443.000	2463.000 2483.000	(MHz) 2513.000	2543.000				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2483.500	53.18	10.20	63.38	74.00	-10.62	peak	Р
2 *	2483.500	41.47	10.20	51.67	54.00	-2.33	AVG	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 (dB μ V/m)-Limit PK/AVG(dB μ V/m)







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Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	TX ax(HE40) Mode 2422MHz -CDD
Remark:	Only worse case is reported.
120.0 dBuV/m	
110	
100	
90	married to the same
80	2.4G Restricted Band-(Peak)
70	
60	1 peak 2.46XRestricted Band-(AVG)

23.4 ℃ Humidity: 48 % Temperature:

2398.750

2443.750

2353.750 (MHz)

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)		Margin (dB)	Detector	P/F
1	2390.000	47.18	9.98	57.16	74.00	-16.84	peak	Р
2 *	2390.000	35.51	9.98	45.49	54.00	-8.51	AVG	Р

Remark:

50 40 30

20.0 2293.750

2323.750

- 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)







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Гest Voltage:	AC 120V	/60Hz						
Ant. Pol.	Vertical	Vertical						
Test Mode:	TX ax(HE	TX ax(HE40) Mode 2422MHz -CDD						
Remark:	Only wor	se case is reported.						
120.0 dBuV/m								
110								
100				~~~				
90				· James				
80								
			2.46 Restricted Band-(P	eak)				
70			1 /					
60			2.46 Restricted Band-(A	VG)				
50			A. C.					
40								
30								
20.0	2323.750	2353.750 (MHz)	2398.750	2443.750				

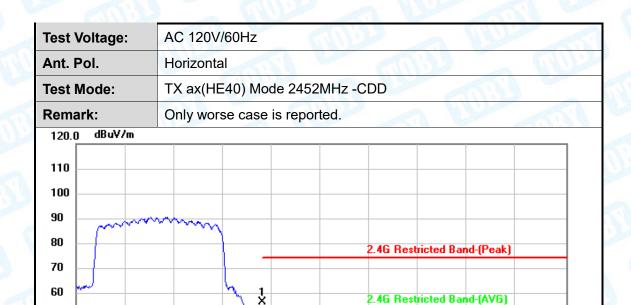
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1	2390.000	51.42	9.98	61.40	74.00	-12.60	peak	Р
2 *	2390.000	41.97	9.98	51.95	54.00	-2.05	AVG	Р

- 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 (dB μ V/m)-Limit PK/AVG(dB μ V/m)





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23.4 ℃ Humidity: 48 % Temperature:

2531.500

2486.500 (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector	P/F
1	2483.500	46.01	10.20	56.21	74.00	-17.79	peak	Р
2 *	2483.500	36.06	10.20	46.26	54.00	-7.74	AVG	Р

Remark:

50

40 30

2426.500

2456.500

- 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)



peak

2576.500



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Гest Voltage:	AC 120V/6	AC 120V/60Hz							
Ant. Pol.	Vertical								
est Mode:	TX ax(HE40) Mode 2452MHz -CDD								
lemark:	Only worse	e case is reported.							
120.0 dBuV/m									
110									
90 80 70		14	2.4G Restricted Band-{Policy Control of the Control						
90 80 70 60 50		14							
100 90 80 70 60 50 40 30 20.0				VG)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2483.500	49.91	10.20	60.11	74.00	-13.89	peak	Р
2	2483.500	39.97	10.20	50.17	54.00	-3.83	AVG	Р
3 *	2484.250	41.08	10.21	51.29	54.00	-2.71	AVG	Р
4	2485.450	50.44	10.21	60.65	74.00	-13.35	peak	Р

- Remark: 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)

END OF REPORT---

