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TEST REPORT

Product : WiFi module

Trade mark : wireless-tag

Model/Type reference : WT-01E

Serial Number : N/A

Report Number : EED32L00068701 FCC ID : 2AFOS-WT-01E

Date of Issue : May 14, 2019

Test Standards : 47 CFR Part 15Subpart C

Test result : PASS

Prepared for:

Wireless-tag Technology Co., LTD
Room 115-118, Building A, ChengshishanhaiCenter, No.11, Zhongxing
Road, Bantian Sub-district, Longgang District, Shenzhen

Prepared by:

Centre Testing International Group Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

TEL: +86-755-3368 3668 FAX: +86-755-3368 3385

Tested By:

Jay Zheng

Compiled by:

Approved by

Report Seal

Levin lan

Reviewed by:

Mare Xm

Kevin yang

Date:

May 14, 2019

Check No.:3757542804









2 Version

Version No.	Date		Description)
00	May 14, 2019		Original	
	*	22	~°>	/05
(((3)	(5)	(612)	(6/2)











































































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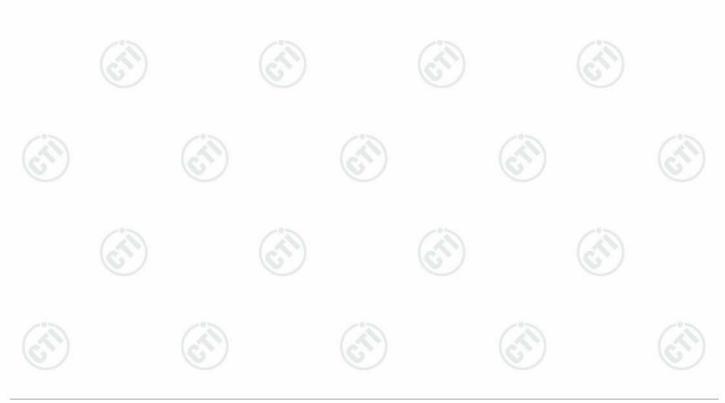
3 Test Summary

3 rest Summary				
Test Item	Test Requirement	Test method	Result PASS	
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203/15.247 (c)	ANSI C63.10-2013		
AC Power Line Conducted Emission	47 CFR Part 15 Subpart C Section 15.207	ANSI C63.10-2013	PASS	
Conducted Peak Output Power	47 CFR Part 15 Subpart C Section 15.247 (b)(3)	ANSI C63.10-2013	PASS	
6dB Occupied Bandwidth	47 CFR Part 15 Subpart C Section 15.247 (a)(2)	ANSI C63.10-2013	PASS	
Power Spectral Density	47 CFR Part 15 Subpart C Section 15.247 (e)	ANSI C63.10-2013	PASS	
Band-edge for RF Conducted Emissions	47 CFR Part 15 Subpart C Section 15.247(d)	ANSI C63.10-2013	PASS	
RF Conducted Spurious Emissions	47 CFR Part 15 Subpart C Section 15.247(d)	ANSI C63.10-2013	PASS	
Radiated Spurious Emissions	47 CFR Part 15 Subpart C Section 15.205/15.209	ANSI C63.10-2013	PASS	
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15 Subpart C Section 15.205/15.209	ANSI C63.10-2013	PASS	

Remark:

Test according to ANSI C63.4-2014 & ANSI C63.10-2013.

The tested sample(s) and the sample information are provided by the client.





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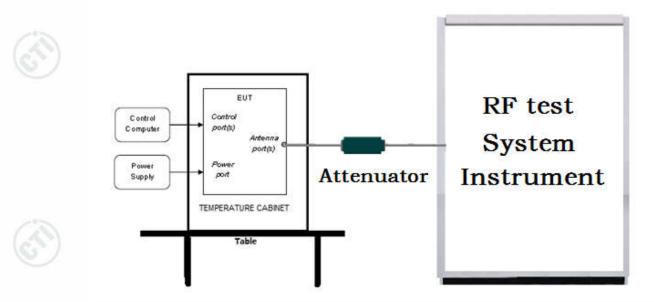


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5 Test Requirement

5.1 Test setup

5.1.1 For Conducted test setup



5.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

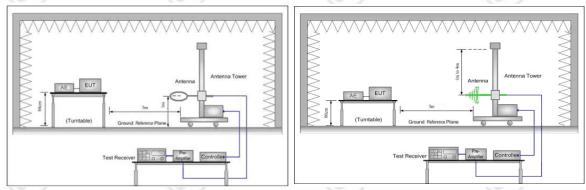


Figure 1. Below 30MHz

Figure 2. 30MHz to 1GHz

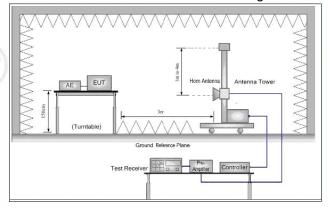


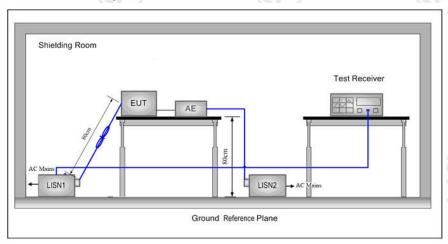
Figure 3. Above 1GHz







5.1.3 For Conducted Emissions test setup Conducted Emissions setup



5.2 Test Environment

Operating Environment f	or RF Conducted test:		(6)
Temperature:	25°C		
Humidity:	52% RH		-15
Atmospheric Pressure:	101kPa	30)	

5.3 Test Condition

Test channel:

Toot Mode	Ty/Dy	RF Channel				
Test Mode	Tx/Rx	Low(L)	Middle(M)	High(H)		
802.11b/g/n(HT20)	2442MU= - 2462 MU=	Channel 1	Channel 6	Channel11		
	2412MHz ~2462 MHz	2412MHz	2437MHz	2462MHz		
TX mode:	The EUT transmitted the continuous signal at the specific channel(s).					

Test mode:

Pre-scan under all rate at lowest channel 1

Mode				802	2.11b			_			
Data Rate		1Mbp	s 2Mb	ps	5.5Mbps	s 11Mbp	s			\sim	
Power(dBm)		17.29	17.3	8	17.50	17.58			132		
Mode	(0	802.11g			(c						
Data Rate		6Mbp	s 9Mb	ps	12Mbps	18Mbps	s 24Mbps 36Mbps 48Mbps 54Mbps			54Mbps	
Power(dBm)	16.82	2 16.8	31	16.74	16.72	16.7	16.70 16.59 16.55 16.37			16.37
Mode		802.11n				(HT20)		•	13		
Data Rate	6.5	6.5Mbps 13Mbps		19	9.5Mbps	26Mbps	39Mbp	s t	52Mbps	58.5Mbps	65Mbps
Power(dBm)	1:	5.61	15.60		15.51	15.50	15.39		15.33	15.30	15.29

Through Pre-scan, 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20).



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6 General Information

6.1 Client Information

Applicant:	Wireless-tag Technology Co., LTD			
Address of Applicant:	Room 115-118, Building A, ChengshishanhaiCenter, No.11, Zhongxing Road, Bantian Sub-district, Longgang District, Shenzhen			
Manufacturer:	Wireless-tag Technology Co., LTD			
Address of Manufacturer:	Room 115-118, Building A, ChengshishanhaiCenter, No.11, Zhongxing Road, Bantian Sub-district, Longgang District, Shenzhen			
Factory:	Wireless-tag Technology Co., LTD			
Address of Factory:	Room 115-118, Building A, ChengshishanhaiCenter, No.11, Zhongxing Road, Bantian Sub-district, Longgang District, Shenzhen			

6.2 General Description of EUT

Product Name:	WiFi module		
Model No.(EUT):	WT-01E		100
Trade Mark:	wireless-tag		
EUT Supports Radios application:	IEEE 802.11b/g/n(HT20): 2412MHz to 2462MHz		
Power Supply:	DC 3.3V		
Sample Received Date:	Mar. 29, 2019	(3)	
Sample tested Date:	Apr. 04, 2019 to May 06, 2019	(0,0)	

6.3 Product Specification subjective to this standard

IEEE 802.11b/g/n(HT20): 2412MHz to 2462MHz					
IEEE 802.11b/g, IEEE 802.11n HT20: 11 Channels					
5MHz					
IEEE for 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE for 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11n(HT20): OFDM (64QAM, 16QAM, QPSK, BPSK)					
N/A					
ESP Series Modules FCC & CE Test Tool V2.2.3.exe (manufacturer declare)					
Spring Antenna					
3dBi					
DC 3.3V					
of channel(802.11b/g/n HT20)					
Channel Frequency Channel Frequency Channel Frequency					
4 2427MHz 7 2442MHz 10 2457MHz					

8

9

2447MHz

2452MHz

11

2462MHz

6.4 Description of Support Units

2417MHz

2422MHz

The EUT has been tested independently.

5

6



2432MHz

2437MHz



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6.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted. FCC Designation No.: CN1164

6.6 Deviation from Standards

None.

6.7 Abnormalities from Standard Conditions

None.

6.8 Other Information Requested by the Customer

None.

6.9 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty		
10	Radio Frequency	7.9 x 10 ⁻⁸		
2	DE nower conducted	0.46dB (30MHz-1GHz)		
	RF power, conducted	0.55dB (1GHz-18GHz)		
3	Radiated Spurious emission test	4.3dB (30MHz-1GHz)		
3	Radiated Spurious emission test	4.5dB (1GHz-12.75GHz)		
4	Conduction emission	3.5dB (9kHz to 150kHz)		
4	Conduction emission	3.1dB (150kHz to 30MHz)		
5	Temperature test	0.64°C		
6	Humidity test	3.8%		
7	DC power voltages	0.026%		



















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7 Equipment List

		RF test sy	ystem		
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Signal Generator	Keysight	E8257D	MY53401106	03-01-2019	02-28-2020
Spectrum Analyzer	Keysight	N9010A	MY54510339	03-01-2019	02-28-2020
Signal Generator	Keysight	N5182B	MY53051549	03-01-2019	02-28-2020
High-pass filter	Sinoscite	FL3CX03WG1 8NM12-0398- 002		01-09-2019	01-08-2020
High-pass filter	MICRO- TRONICS	SPA-F-63029-4		01-09-2019	01-08-2020
DC Power	Keysight	E3642A	MY54426035	03-01-2019	02-28-2020
PC-1	Lenovo	R4960d		03-01-2019	02-28-2020
BT&WI-FI Automatic control	R&S	OSP120	101374	03-01-2019	02-28-2020
RF control unit	JS Tonscend	JS0806-2	15860006	03-01-2019	02-28-2020
RF control unit	JS Tonscend	JS0806-1	15860004	03-01-2019	02-28-2020
RF control unit	JS Tonscend	JS0806-4	158060007	03-01-2019	02-28-2020
BT&WI-FI Automatic test software	JS Tonscend	JS1120-2	(4)	03-01-2019	02-28-2020
Temperature/ Humidity Indicator	biaozhi	HM10	1804186	10-12-2018	10-11-2019

	Cond	ducted disturba	ance Test		
Equipment	Manufacturer	Manufacturer Model No.		Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Receiver	R&S	ESCI	100435	05-25-2018	05-24-2019
Temperature/ Humidity Indicator	Defu	TH128	1	07-02-2018	07-01-2019
Communication test set	Agilent	E5515C	GB47050 534	03-01-2019	02-28-2020
Communication test set	R&S	CMW500	102898	01-18-2019	01-17-2020
LISN	R&S	ENV216	100098	05-10-2018	05-10-2019
LISN	schwarzbeck	NNLK8121	8121-529	05-10-2018	05-10-2019
Voltage Probe	R&S	ESH2-Z3 0299.7810.5 6	100042	06-13-2017	06-11-2020
Current Probe	R&S	EZ-17 816.2063.03	100106	05-30-2018	05-29-2019
ISN	TESEQ	ISN T800	30297	01-06-2019	01-15-2020

















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	SIVI S	Semi/full-anecho		Cal data	Cal Dua data	
Equipment	Manufacturer	urer Model No. Serial Number		Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy	
3M Chamber & Accessory Equipment	TDK	SAC-3		06-04-2016	06-03-2019	
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-401	12-21-2018	12-20-2019	
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-618	07-30-2018	07-29-2019	
Microwave Preamplifier	Agilent	8449B	3008A024 25	08-21-2018	08-20-2019	
Microwave Preamplifier	Tonscend	EMC051845 SE	980380	01-16-2019	01-15-2020	
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D- 1869	04-25-2018	04-23-2021	
Horn Antenna	ETS- LINDGREN	3117	00057410	06-05-2018	06-03-2021	
Double ridge horn antenna	A.H.SYSTEMS	SAS-574	374	06-05-2018	06-04-2021	
Pre-amplifier	A.H.SYSTEMS	PAP-1840-60	6041.604 1	08-08-2018	08-07-2019	
Loop Antenna	ETS	6502	00071730	06-22-2017	06-21-2019	
Spectrum Analyzer	R&S	FSP40	100416	05-11-2018	05-10-2019	
Receiver	R&S	ESCI	100435	05-25-2018	05-24-2019	
Receiver	R&S	ESCI7	100938- 003	11-23-2018	11-22-2019	
Multi device Controller	maturo	NCD/070/107 11112	(C.)	01-09-2019	01-08-2020	
LISN	schwarzbeck	NNBM8125	81251547	05-11-2018	05-10-2019	
LISN	schwarzbeck	NNBM8125	81251548	05-11-2018	05-10-2019	
Signal Generator	Agilent	E4438C	MY45095 744	03-01-2019	02-28-2020	
Signal Generator	Keysight	E8257D	MY53401 106	03-01-2019	02-28-2020	
Temperature/ Humidity Indicator	Shanghai qixiang	HM10	1804298	10-12-2018	10-11-2019	
Communication test set	Agilent	E5515C	GB47050 534	03-01-2019	02-28-2020	
Cable line	Fulai(7M)	SF106	5219/6A	01-09-2019	01-08-2020	
Cable line	Fulai(6M)	SF106	5220/6A	01-09-2019	01-08-2020	
Cable line	Fulai(3M)	SF106	5216/6A	01-09-2019	01-08-2020	
Cable line	Fulai(3M)	SF106	5217/6A	01-09-2019	01-08-2020	
Communication test set	R&S	CMW500	104466	01-18-2019	01-17-2020	
High-pass filter	Sinoscite	FL3CX03WG 18NM12- 0398-002		01-09-2019	01-08-2020	
High-pass filter	MICRO- TRONICS	SPA-F- 63029-4		01-09-2019	01-08-2020	
band rejection filter	Sinoscite	FL5CX01CA0 9CL12-0395- 001		01-09-2019	01-08-2020	
band rejection filter	Sinoscite	FL5CX01CA0 8CL12-0393- 001	(C)	01-09-2019	01-08-2020	
band rejection filter	Sinoscite	FL5CX02CA0 4CL12-0396- 002		01-09-2019	01-08-2020	
band rejection filter	Sinoscite	FL5CX02CA0 3CL12-0394- 001		01-09-2019	01-08-2020	





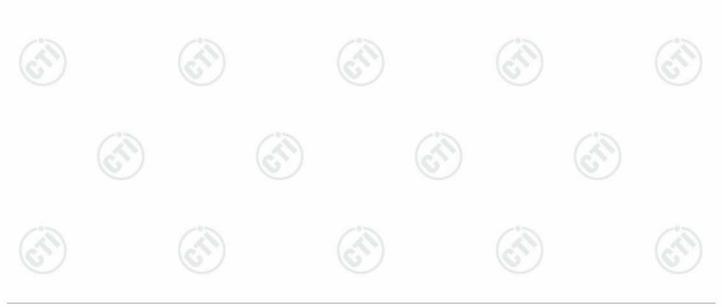
8 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	FCC Part15C	Subpart C-Intentional Radiators
2	ANSI C63.10-2013	American National Standard for Testing Unlicesed Wireless Devices

Test Results List:

Test Requirement	Test method	Test item	Verdict	Note
Part15C Section 15.247 (b)(3)	ANSI C63.10	Conducted Peak Output Power	PASS	Appendix A)
Part15C Section 15.247 (a)(2)	ANSI C63.10	6dB Occupied Bandwidth	PASS	Appendix B)
Part15C Section 15.247(d)	ANSI C63.10	Band-edge for RF Conducted Emissions	PASS	Appendix C)
Part15C Section 15.247(d)	ANSI C63.10	RF Conducted Spurious Emissions	PASS	Appendix D)
Part15C Section 15.247 (e)	ANSI C63.10	Power Spectral Density	PASS	Appendix E)
Part15C Section 15.203/15.247 (c)	ANSI C63.10	Antenna Requirement	PASS	Appendix F)
Part15C Section 15.207	ANSI C63.10	AC Power Line Conducted Emission	PASS	Appendix G)
Part15C Section 15.205/15.209	ANSI C63.10		PASS	Appendix H)
Part15C Section 15.205/15.209	ANSI C63.10		PASS	Appendix I)



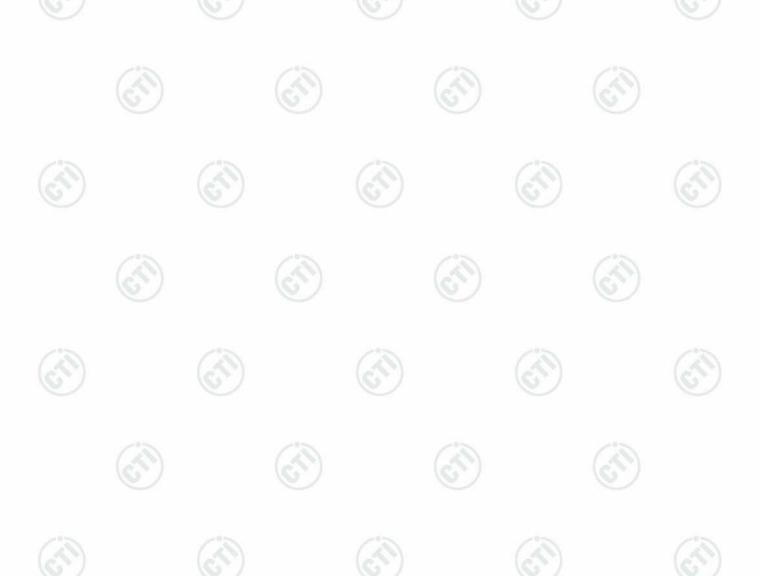




Appendix A): Conducted Peak Output Power

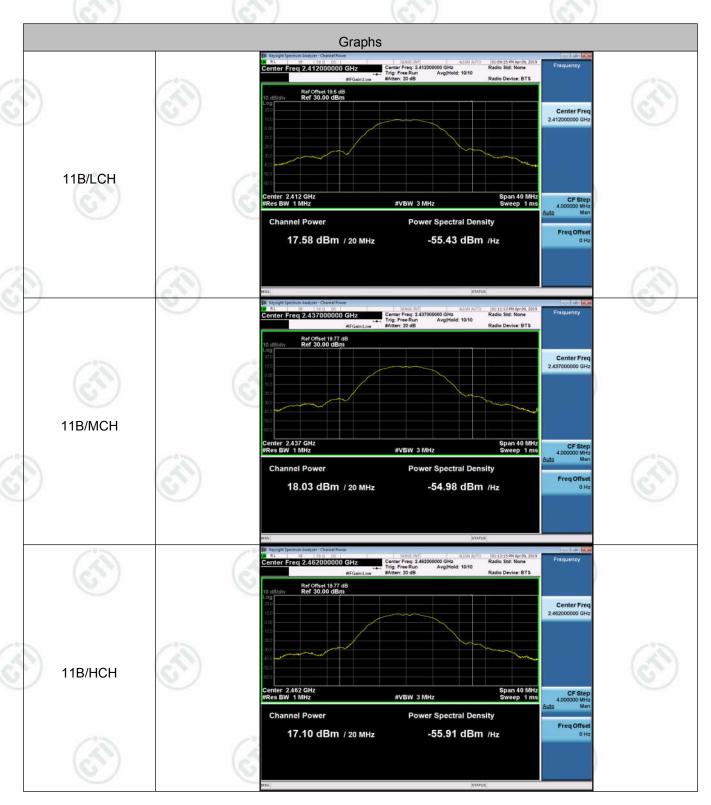
Result Table

Mode	Channel	Conducted Peak Output Power [dBm]	Verdict
11B	LCH	17.58	PASS
11B	MCH	18.03	PASS
11B	нсн	17.1	PASS
11G	LCH	16.82	PASS
11G	MCH	17.85	PASS
11G	нсн	16.67	PASS
11N20SISO	LCH	15.61	PASS
11N20SISO	MCH	16.45	PASS
11N20SISO	НСН	15.2	PASS

































































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Appendix B): 6dB Occupied Bandwidth

Result Table

Mode Channel		6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict	
11B	LCH	9.039	11.800	PASS	
11B	мсн	8.068	11.860	PASS	
11B	HCH	8.080	11.571	PASS	
11G	LCH	16.33	16.332	PASS	
11G	MCH	16.32	16.326	PASS	
11G	HCH	16.33	16.340	PASS	
11N20SISO	LCH	16.55	17.459	PASS	
11N20SISO	MCH	16.54	17.448	PASS	
11N20SISO	НСН	16.56	17.472	PASS	

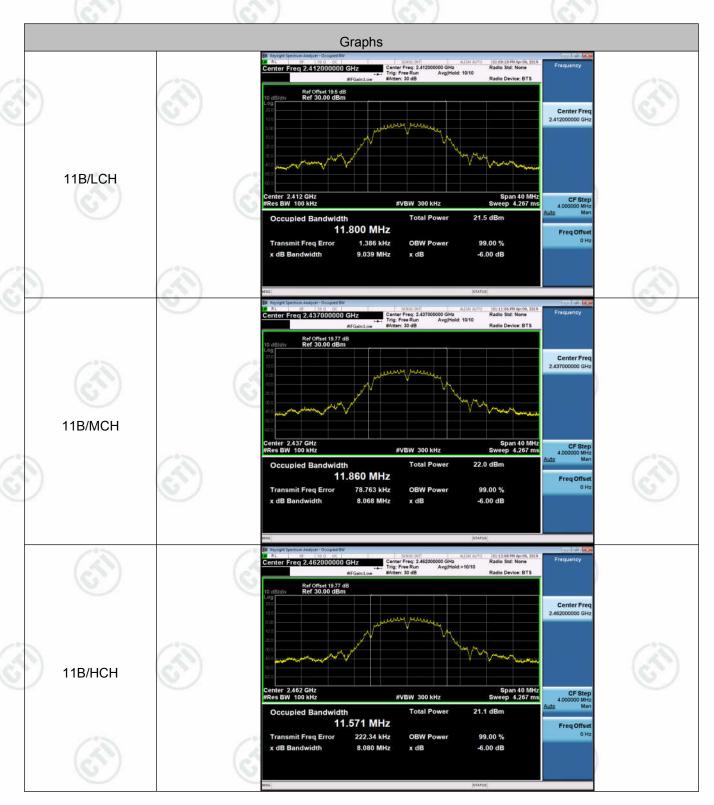














































11N20SISO/LCH

11N20SISO/MCH







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11N20SISO/HCH













17.472 MHz 21.301 kHz







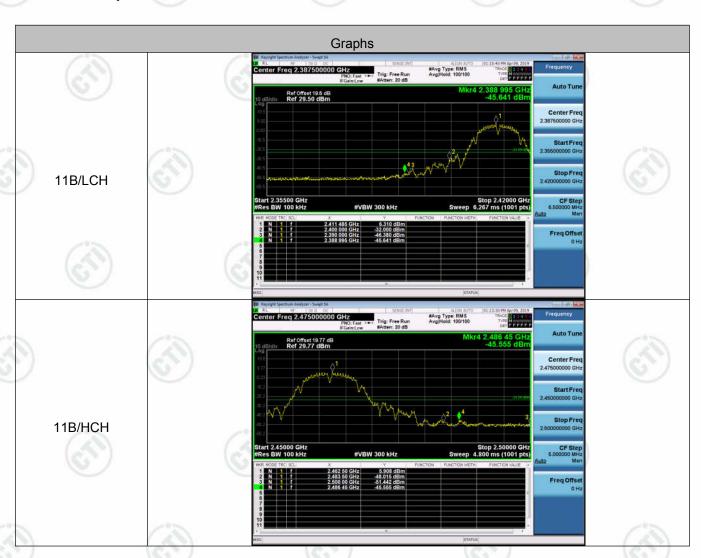
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Appendix C): Band-edge for RF Conducted Emissions

Result Table

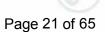
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	6.310	-45.641	-23.69	PASS
11B	НСН	5.908	-45.555	-24.09	PASS
11G	LCH	-1.937	-48.161	-31.94	PASS
11G	HCH	-2.405	-46.842	-32.41	PASS
11N20SISO	LCH	-3.216	-49.368	-33.22	PASS
11N20SISO	НСН	-3.715	-48.187	-33.72	PASS

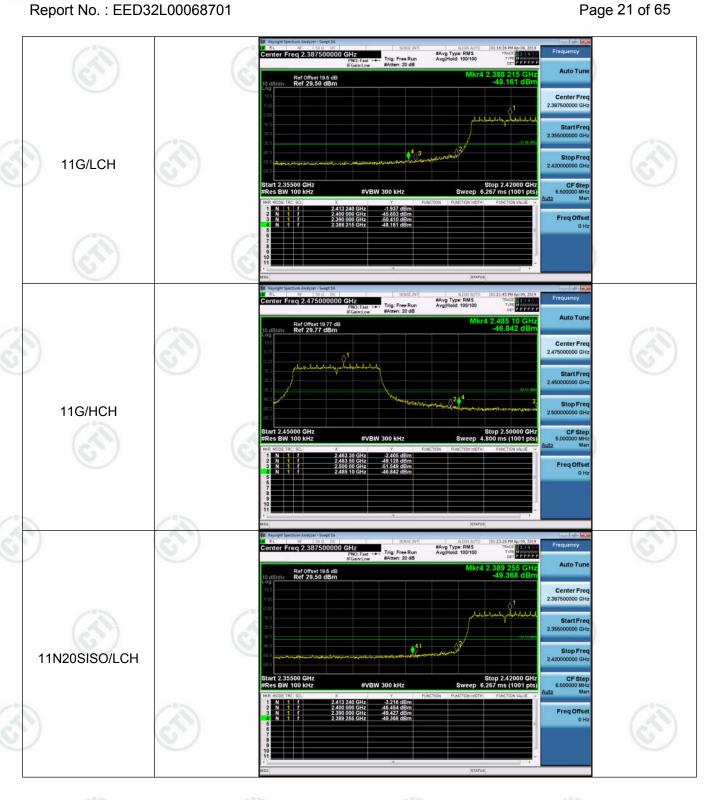
Test Graph























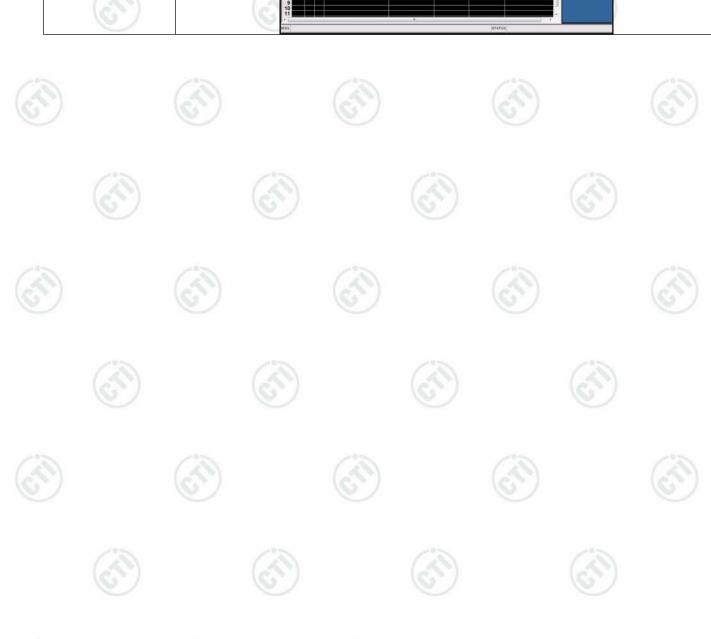
11N20SISO/HCH















Appendix D): RF Conducted Spurious Emissions

Result Table

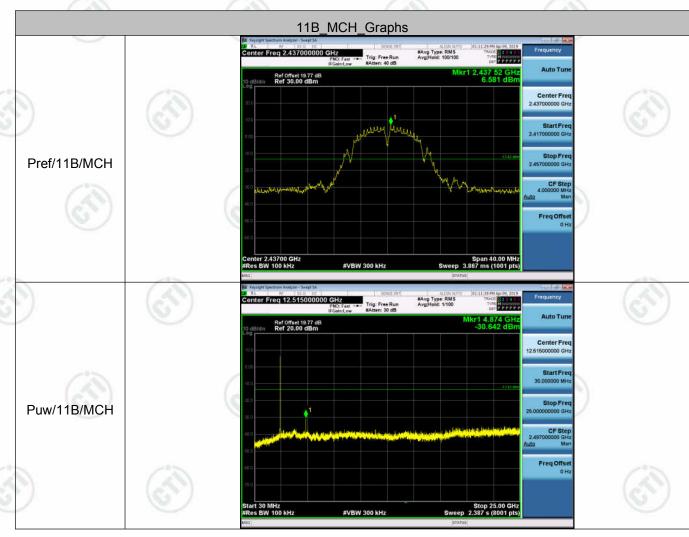
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
11B	LCH	6.286	<limit< td=""><td>PASS</td></limit<>	PASS
11B	MCH	6.581	<limit< td=""><td>PASS</td></limit<>	PASS
11B	HCH	5.477	<limit< td=""><td>PASS</td></limit<>	PASS
11G	LCH	-1.92	<limit< td=""><td>PASS</td></limit<>	PASS
11G	MCH	-1.293	<limit< td=""><td>PASS</td></limit<>	PASS
11G	нсн	-2.312	<limit< td=""><td>PASS</td></limit<>	PASS
11N20SISO	LCH	-3.228	<limit< td=""><td>PASS</td></limit<>	PASS
11N20SISO	MCH	-2.33	<limit< td=""><td>PASS</td></limit<>	PASS
11N20SISO	НСН	-3.622	<limit< td=""><td>PASS</td></limit<>	PASS

Test Graph







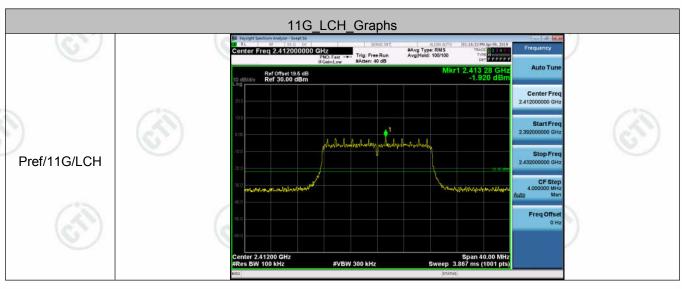






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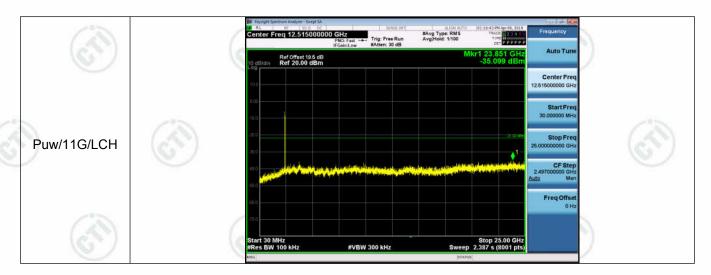
















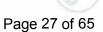












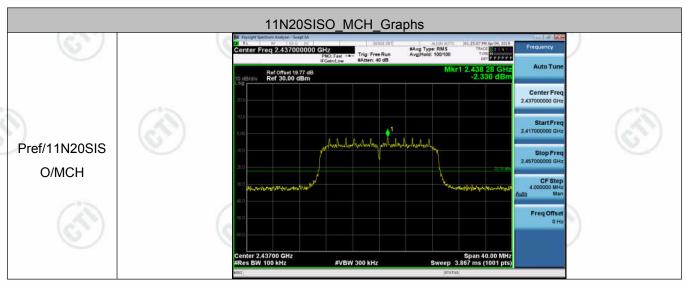






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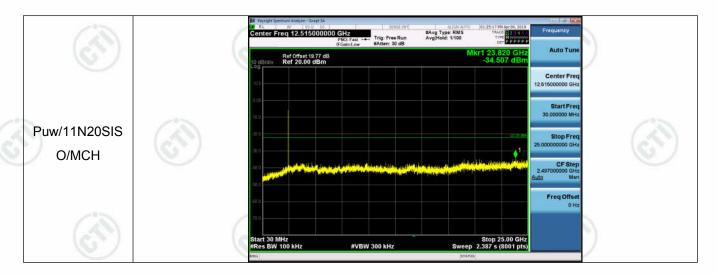


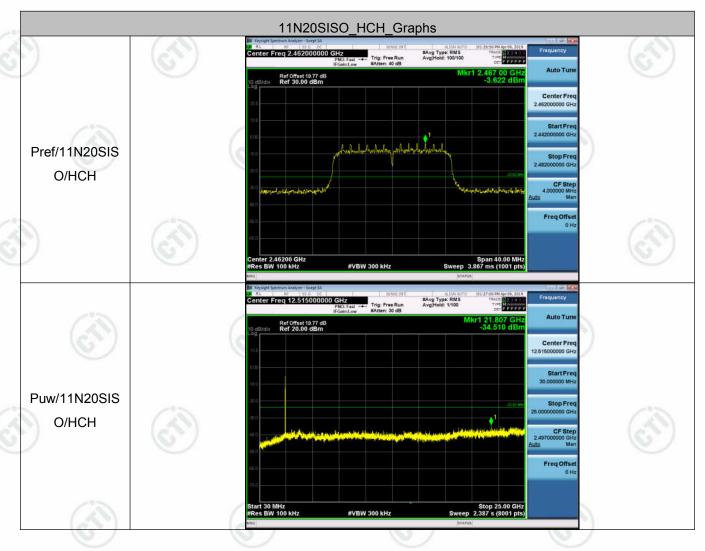






















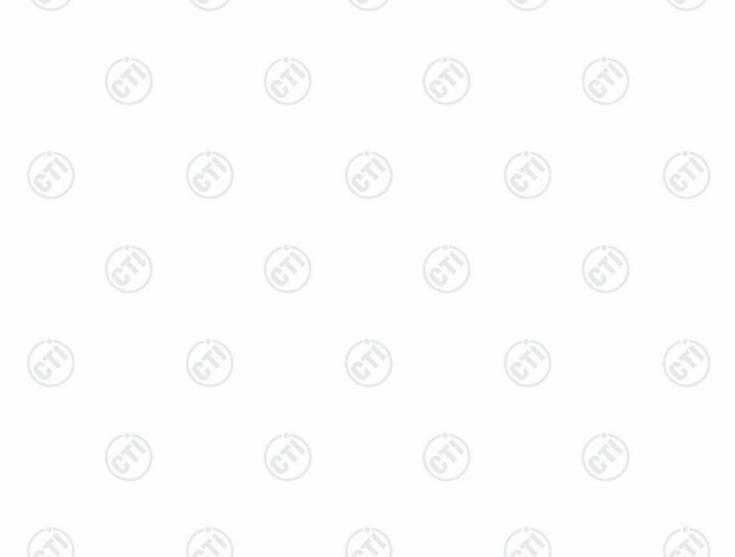




Appendix E): Power Spectral Density

Result Table

Mode Channel		Power Spectral Density [dBm/3kHz]	Limit[dBm/3kHz]	Verdict	
11B	LCH	-8.659	8	PASS	
11B	MCH	-8.450	8	PASS	
11B	НСН	-8.878	8	PASS	
11G	LCH	-16.376	8	PASS	
11G	MCH	-15.393	8	PASS	
11G	НСН	-16.345	8	PASS	
11N20SISO	LCH	-17.818	8	PASS	
11N20SISO	MCH	-17.034	8	PASS	
11N20SISO	НСН	-18.534	8	PASS	























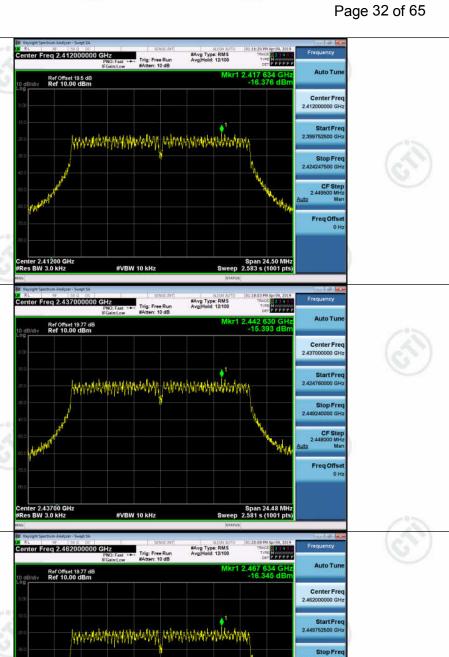
11G/LCH

11G/MCH





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11G/HCH





































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Appendix F): Antenna Requirement

15.203 requirement:

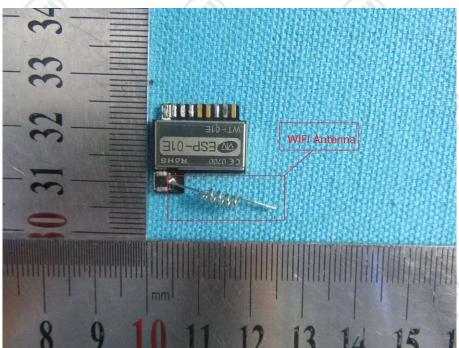
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit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

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:

The antenna is Spring Antenna and no consideration of replacement. The best case gain of the antenna is 3dBi.













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Appendix G): AC Power Line Conducted Emission

Test Procedure:	Test frequency range :150KHz		conducted in a shielde	ed room.			
	 1)The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not 						
(cii)	exceeded. 3)The tabletop EUT was place reference plane. And for fluorizontal ground reference	loor-standing arrange		•			
)	4) The test was performed with shall be 0.4 m from the reference plane was bonded was placed 0.8 m from the reference plane for LISNs distance was between the of the EUT and associated	vertical ground refered to the horizontal groundary of the unit amounted on top of closest points of the	erence plane. The varound reference plan under test and bonder the ground reference LISN 1 and the EUT.	ertical ground e. The LISN 1 ed to a ground ce plane. This All other units			
(*)	5) In order to find the maximum emission, the relative positions of equipment and all the interface cables must be changed according to ANSI C63.10 on conducte measurement.						
Limit:	(6)		(67)				
		Limit (dBμV)				
	Frequency range (MHz)	Quasi-peak	Average				
	0.15-0.5	66 to 56*	56 to 46*				
	0.15-0.5			13			
	0.5-5	56	46	(3)			
	/ 23	56 60	46 50	CIL			
	0.5-5	60 vith the logarithm of th	50 ne frequency in the ra	ange 0.15 MHz			































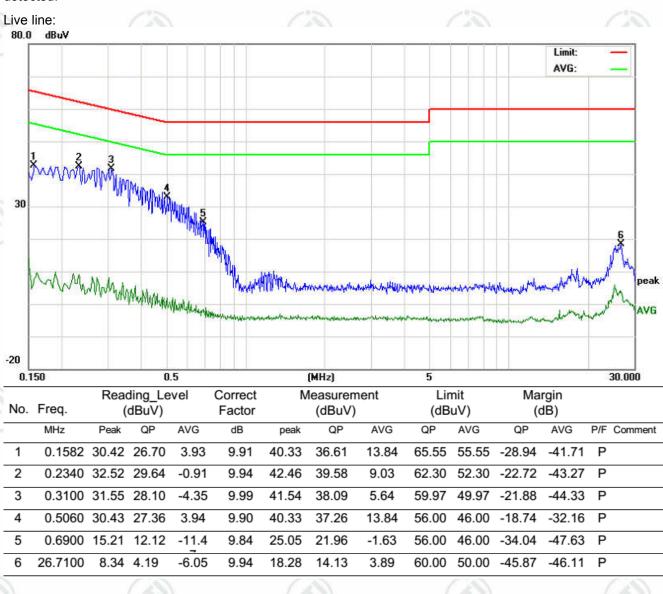


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Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

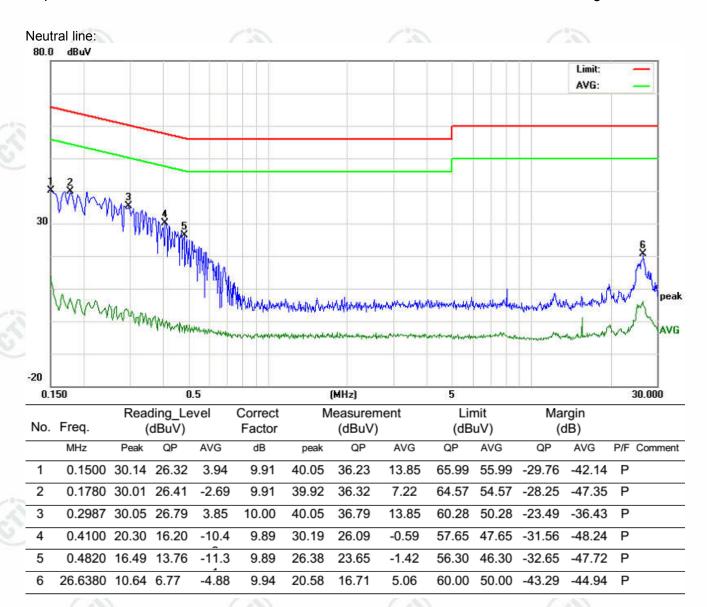
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.











Notes:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.





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Appendix H): Restricted bands around fundamental frequency (Radiated)

(Naulateu)	163	(60)		. \	No. /	
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark	
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak	(
	AL 4011	Peak	1MHz	3MHz	Peak	-05
	Above 1GHz	Peak	1MHz	10Hz	Average	(65)
Fest Procedure:	Below 1GHz test proced a. The EUT was placed at a 3 meter semi-ane determine the position b. The EUT was set 3 m was mounted on the too the control of the antenna height is determine the maximular polarizations of the antenna was turned from 0 degenorms. The test-receiver systems and width with Maximular for the control of the specific for lowest and highest	ure as below: on the top of a rot choic camber. The of the highest race eters away from the op of a variable-he varied from one rum value of the fiele tenna are set to ne mission, the EUT d to heights from grees to 360 degree em was set to Pea num Hold Mode. end of the restrict mpliance. Also me trum analyzer plot	ating table e table wa diation. he interfere eight anter meter to foo eld strength hake the n was arran 1 meter to ees to find ak Detect	e 0.8 meters rotated 3 ence-receinna tower. ur meters n. Both horneasurement ged to its value at the maxin Function a closest to the missions	rs above the 360 degrees ving antenna above the grizontal and vent. worst case along the rotation reading and Specified the transmit in the restri	to a, whice ound to vertical and the able cted
	g. Different between about to fully Anechoic Chara 18GHz the distance is h. Test the EUT in the load. The radiation measure Transmitting mode, ar j. Repeat above procedure.	ove is the test site, mber change form a 1 meter and table owest channel, the ments are perform found the X axi	table 0.8 e is 1.5 me e Highest med in X, s positioni	meter to 1 eter). channel Y, Z axis p ng which i	.5 meter(Ab	ove r
imit:	Frequency	Limit (dBµV/r	m @3m)	Rei	mark	
	30MHz-88MHz	40.0	- ,	Quasi-pe	eak Value	
	88MHz-216MHz	43.5		Quasi-pe	eak Value	
	216MHz-960MHz	46.0		Quasi-pe	eak Value	
	960MHz-1GHz	54.0	(4	Quasi-pe	eak Value	
		54.0	10	· ·	je Value	
	Above 1GHz	74.0			Value	
Toot Ambient	Town : 2500	Jumid : FOO/		Droce : 4	0.1kDe	
Test Ambient:	Temp.: 25°C	Humid.: 52%		Press.: 1	UIKFA	



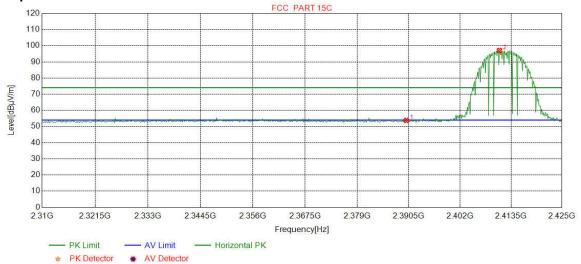




Test plot as follows:

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	PK	37	(0.)

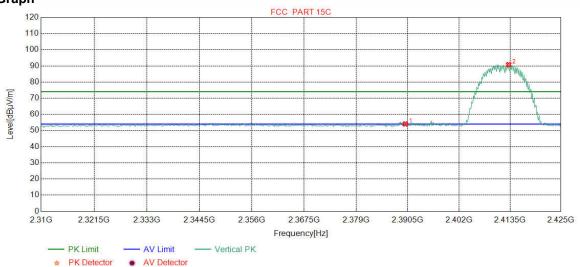
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	50.58	53.76	74.00	20.24	Pass	Horizontal
2	2410.8949	32.28	13.35	-42.43	93.89	97.09	74.00	-23.09	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	PK	(6)) (4

Test Graph



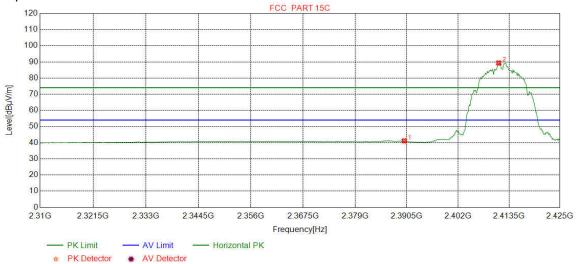
	NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
	1	2390.0000	32.25	13.37	-42.44	50.89	54.07	74.00	19.93	Pass	Vertical
9	2	2413.1977	32.28	13.36	-42.43	87.56	90.77	74.00	-16.77	Pass	Vertical







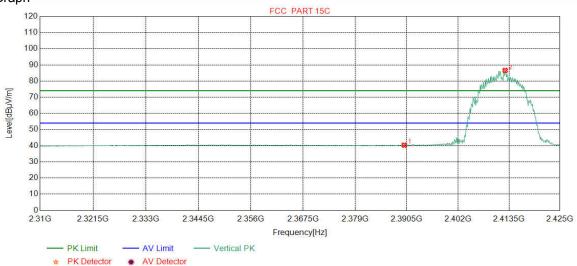
Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	AV	5	(0.)



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	37.95	41.13	54.00	12.87	Pass	Horizontal
2	2411.1827	32.28	13.35	-42.43	86.13	89.33	54.00	-35.33	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	AV	(6)) (4

Test Graph



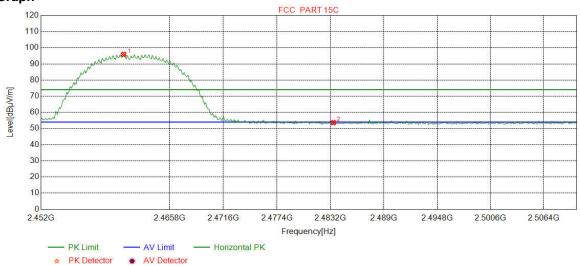
	NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
	1	2390.0000	32.25	13.37	-42.44	37.14	40.32	54.00	13.68	Pass	Vertical
5	2	2412.6220	32.28	13.36	-42.43	83.34	86.55	54.00	-32.55	Pass	Vertical







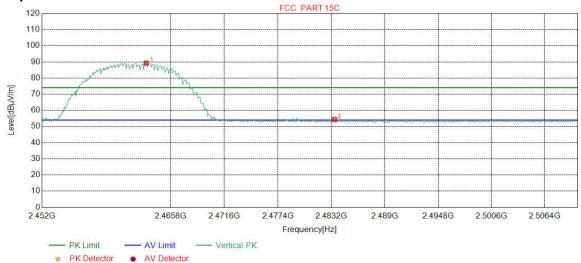
Mode:	802.11 b(11Mbps) Transmitting	Channel:	2462
Remark:	PK	37	(0.)



NC	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2460.8561	32.35	13.48	-42.41	92.44	95.86	74.00	-21.86	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	50.30	53.66	74.00	20.34	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2462
Remark:	PK	(6)) (4

Test Graph



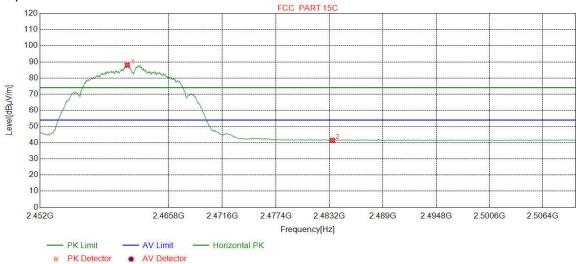
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2463.1790	32.35	13.47	-42.41	85.83	89.24	74.00	-15.24	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	51.00	54.36	74.00	19.64	Pass	Vertical







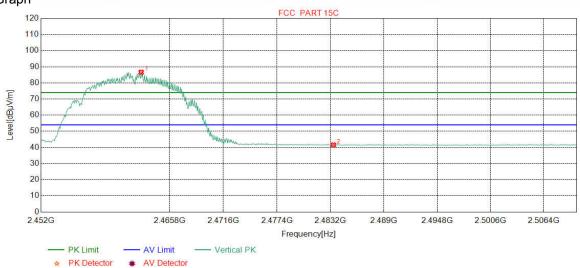
Mode:	802.11 b(11Mbps) Transmitting	Channel:	2462
Remark:	AV	5)	(0.)



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2461.3642	32.35	13.48	-42.41	84.51	87.93	54.00	-33.93	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	38.13	41.49	54.00	12.51	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2462
Remark:	AV		\

Test Graph



	NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	1	2462.7434	32.35	13.47	-42.41	83.22	86.63	54.00	-32.63	Pass	Vertical
(2	2483.5000	32.38	13.38	-42.40	38.19	41.55	54.00	12.45	Pass	Vertical