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Report Template Version: V05

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TEST REPORT

Report No.: CQASZ20220200239E-02
Applicant: THINKCAR TECH CO., LTD.

Address of Applicant: 2606, building 4, phase II, TiananYungu, Gangtou community, Bantian, Longgang

District, Shenzhen

Equipment Under Test (EUT):

Product: THINKLINK Video Remote Service Device, THINKLINK Video Remote Service

Device, THINKLINK Video Remote Diagnostic Device

Model No.: TKSL1, TKTL1

Teat Model No.: TKSL1

Brand Name: THINKCAR, XHINKCAR, MUCAR

FCC ID: 2AUARTHINKTLB

Standards: 47 CFR Part 15, Subpart C

ANSI C63.10: 2013

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

Date of Receipt: 2022-02-22

Date of Test: 2022-02-22 to 2022-06-28

Date of Issue: 2022-08-02

Test Result : PASS*

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

Tested By:

(Lewis Zhou)

Reviewed By:

(K Liao)

Approved By: _____(Jack Ai)

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.



Report No.: CQASZ20220200239E-02

1 Version

Revision History Of Report

Report No.	Version Description		Issue Date	
CQASZ20220200239E-02	Rev.01	Initial report	2022-08-02	





2 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15, Subpart C Section 15.203/15.247 (c)	ANSI C63.10 2013	PASS
AC Power Line Conducted Emission	47 CFR Part 15, Subpart C Section 15.207	ANSI C63.10 2013	PASS
Conducted Peak & Average 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



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4 General Information

4.1 Client Information

Applicant:	THINKCAR TECH CO., LTD.			
Applicant:	·			
Address of Applicant:	2606, building 4, phase II, TiananYungu, Gangtou community, Bantian, Longgang District,Shenzhen			
Manufacturer:	THINKCAR TECH CO., LTD.			
Address	2606, building 4, phase II, TiananYungu, Gangtou community, Bantian, Longgang District,Shenzhen			
of Manufacturer:				
Factory:	THINKCAR TECH CO., LTD.			
Address of Factory:	Room 401, 4th Floor, Block B, Qiaoan Science and Technology Industrial Park, Longhua District, Shenzhen, Guangdong, China			

4.2 General Description of EUT

Product Name:	THINKLINK Video Remote Service Device, THINKLINK Video Remote
	Service Device, THINKLINK Video Remote Diagnostic Device
Model No.:	TKSL1, TKTL1
Test Model No.:	TKSL1
Trade Mark:	THINKCAR, XHINKCAR, MUCAR
Adapter:	Adapter:
	MODEL: PSY1204000
	INPUT: 100-240V~50/60Hz 1.3A Max
	OUTPUT: 12V 4A, 48W
EUT Supports Radios	BT: 2402-2480MHz
application:	2.4GHz: Wi-Fi: 802.11b/g/n(HT20): 2412MHz~2462MHz;
	5GHz: Wi-Fi: U-NII-1: 5.15-5.25GHz; U-NII-3: 5.725-5.850GHz

4.3 Product Specification subjective to this standard

Operation Frequency:	IEEE 802.11b/g/n(HT20): 2412MHz to 2462MHz			
Channel Numbers:	IEEE 802.11b/g, IEEE 802.11n HT20: 11 Channels			
Channel Separation:	5MHz			
Type of Modulation:	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)			
Transfer Rate:	IEEE for 802.11b: 1Mbps/2Mbps/5.5Mbps/11Mbps			
	IEEE for 802.11g: 6Mbps/9Mbps/12Mbps/18Mbps/24Mbps/36Mbps/48Mbps/54Mbps IEEE for 802.11n(HT20):			
	6.5Mbps/13Mbps/19.5Mbps/26Mbps/39Mbps/52Mbps/58.5Mbps/65Mbps			
Product Type:	☐ Mobile ☐ Portable			
Test Software of EUT:	cktszsss32			
Antenna Type:	FPC antenna			
Antenna Gain:	3.34dBi			



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Operation Frequency each of channel(802.11b/g/n HT20)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11b/g/n (HT20):

Channel	Frequency
The Lowest channel	2412MHz
The Middle channel	2437MHz
The Highest channel	2462MHz

Note:

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.



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4.4 Test Environment and Mode

Operating Environment	
Radiated Emissions:	
Temperature:	25.3 °C
Humidity:	55 % RH
Atmospheric Pressure:	1009 mbar
Conducted Emissions:	
Temperature:	25.6 °C
Humidity:	60 % RH
Atmospheric Pressure:	1009 mbar
Radio conducted item to	est (RF Conducted test room):
Temperature:	25.5 °C
Humidity:	52 % RH
Atmospheric Pressure:	1009 mbar
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and al
	kind of data rate.
Run Software:	
■ SSCOM V5.13.1 串口/网络数据调试器,作者:大枣丁 通讯端口 串口设置 显示 发送 多字符串 小工具	
1/2	THE MARKET ASSESSED A
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[16:21:23.155]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ff ee 01 00 04 01 0F 1b 00 09 00 00
01 51 fc 10 00 00 88 c0 ff ee 01 00 04 01	
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Operated Mode for Worst Duty Cycle:				
Test Mode	Duty Cycle(%)	Average correction factor(dB)		
IEEE802.11b	89.36	0.49		
IEEE802.11g	62.96	2.01		
IEEE802.11n (HT20)	61.54	2.11		

Remark:

- 1) Duty cycle= On Time/ Period;
- 2) Duty Cycle factor = 10 * log(1/ Duty cycle);



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4.5 Description of Support Units

The EUT has been tested with associated equipment below.

1) Support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
1	1	1	/	/
2) Cable				

Cable No.	Description	Manufacturer	Cable Type/Length	Supplied by
/	/	/	1	/

4.6 Test Location

All tests were performed at:

Shenzhen Huaxia Testing Technology Co., Ltd.

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua New District, Shenzhen, Guangdong, China

4.7 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 4742.01)

Shenzhen Huaxia Testing Technology Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4742.01.

• FCC Registration No.: 522263

Shenzhen Huaxia Testing Technology Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No.:522263



4.8 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate.

The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities.

The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the **Shenzhen Huaxia Testing Technology Co., Ltd.** guality system acc. to DIN EN ISO/IEC 17025.

Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for CQA laboratory is reported:

No.	Item	Uncertainty	Notes
1	Radiated Emission (Below 1GHz)	5.12dB	(1)
2	Radiated Emission (Above 1GHz)	4.60dB	(1)
3	Conducted Disturbance (0.15~30MHz)	3.34dB	(1)
4	Radio Frequency	3×10 ⁻⁸	(1)
5	Duty cycle	0.6 %.	(1)
6	Occupied Bandwidth	1.1%	(1)
7	RF conducted power	0.86dB	(1)
8	RF power density	0.74	(1)
9	Conducted Spurious emissions	0.86dB	(1)
10	Temperature test	0.8℃	(1)
11	Humidity test	2.0%	(1)
12	Supply voltages	0.5 %.	(1)
13	Frequency Error	5.5 Hz	(1)

⁽¹⁾This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.9 Deviation from Standards

None.

4.10 Abnormalities from Standard Conditions

None.

4.11 Other Information Requested by the Customer

None.



4.12 Equipments List

		1			
Test Equipment	Manufacturer	Model No.	Instrument No.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR7	CQA-005	2021/09/10	2022/09/09
Spectrum analyzer	R&S	FSU26	CQA-038	2021/09/10	2022/09/09
Spectrum analyzer	R&S	FSU40	CQA-075	2021/09/10	2022/09/09
Preamplifier	MITEQ	AFS4-00010300-18- 10P-4	CQA-035	2021/09/10	2022/09/09
Preamplifier	MITEQ	AMF-6D-02001800- 29-20P	CQA-036	2021/09/10	2022/09/09
Preamplifier	EMCI	EMC184055SE	CQA-089	2021/09/10	2022/09/09
Loop antenna	Schwarzbeck	FMZB1516	CQA-060	2021/09/16	2024/09/15
Bilog Antenna	R&S	HL562	CQA-011	2021/09/16	2024/09/15
Horn Antenna	R&S	HF906	CQA-012	2021/09/16	2024/09/15
Horn Antenna	Schwarzbeck	BBHA 9170	CQA-088	2021/09/16	2024/09/15
Coaxial Cable (Above 1GHz)	CQA	N/A	C007	2021/09/10	2022/09/09
Coaxial Cable (Below 1GHz)	CQA	N/A	C013	2021/09/10	2022/09/09
RF cable(9KHz~40GHz)	CQA	RF-01	CQA-079	2021/09/10	2022/09/09
Antenna Connector	CQA	RFC-01	CQA-080	2021/09/10	2022/09/09
Power Sensor	KEYSIGHT	U2021XA	CQA-30	2021/09/10	2022/09/09
N1918A Power Analysis Manager Power Panel	Agilent	N1918A	CQA-074	2021/09/10	2022/09/09
Power meter	R&S	NRVD	CQA-029	2021/09/10	2022/09/09
Power divider	MIDWEST	PWD-2533-02-SMA- 79	CQA-067	2021/09/10	2022/09/09
EMI Test Receiver	R&S	ESR7	CQA-005	2021/09/10	2022/09/09
LISN	R&S	ENV216	CQA-003	2021/09/10	2022/09/09
Coaxial cable	CQA	N/A	CQA-C009	2021/09/10	2022/09/09
DC power	KEYSIGHT	E3631A	CQA-028	2021/09/10	2022/09/09

Test software:

Tool contraine.					
	Manufacturer	Software brand			
Radiated Emissions test software	Tonscend	JS1120-3			
Conducted Emissions test software	Audix	e3			
RF Conducted test software	Audix	e3			



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5 Test results and Measurement Data

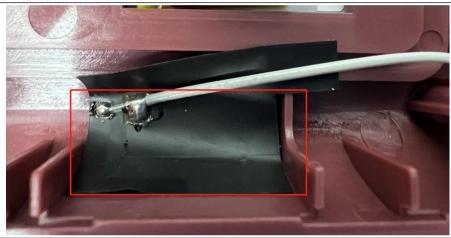
5.1 Antenna Requirement

Standard requirement: 47 CFR Part 15C Section 15.203

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.

EUT Antenna:



The antenna is FPC antenna. 3.34dBi@2.4GHz



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5.2 Conducted Emissions

47 CFR Part 15C Section 15.2	201			
ANSI C63.10: 2013				
150kHz to 30MHz				
Frequency range (MHz)	Limit (d	BuV)		
Trequency range (WHZ)	Quasi-peak	Average		
0.15-0.5 66 to 56* 56 to 46				
0.5-5	56	46		
5-30	60	50		
 The mains terminal disturbance voltage test was conducted in a shielded room. 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 exceeded. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed 				
Shielding Room EUT AC Mains LISN1	Ground Reference Plane	Test Receiver		
Transmitting with all kind of	modulations, data rate	es at lowest, middle and		
	Frequency range (MHz) 0.15-0.5 0.5-5 5-30 * Decreases with the logarithm room. 2) The EUT was connected to Impedance Stabilization N impedance. The power calconnected to a second reference plane in the second measured. A multiple soon power cables to a single exceeded. 3) The tabletop EUT was planground reference plane. A placed on the horizontal ground reference plane. A placed on the horizontal ground reference plane. The LISN unit under test and bonded mounted on top of the ground the EUT and associated end to the EUT and associated end to the EUT and associated end to the EUT and all of the impact of the EUT a	Frequency range (MHz) Quasi-peak 0.15-0.5 66 to 56* 0.5-5 56 5-30 * Decreases with the logarithm of the frequency. 1) The mains terminal disturbance voltage test was room. 2) The EUT was connected to AC power source through the frequency of the EUT was connected to AC power source through the frequency of the frequency. 1) The mains terminal disturbance voltage test was room. 2) The EUT was connected to AC power source through the frequency. 1) The mains terminal disturbance voltage test was room. 2) The EUT was connected to AC power source through the frequency. 2) The EUT was connected to AC power source through the frequency. 3) The tabletop EUT was placed uson a non-metal ground reference plane. And for floor-standing are placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The LISN 1 was placed 0.8 mt unit under test and bonded to a ground reference mounted on top of the ground reference plane. The between the closest points of the LISN 1 and the the EUT and associated equipment was at least 0. 5) In order to find the maximum emission, the relative equipment and all of the interface cables must be according to ANSI C63.10: 2013 on conducted m		

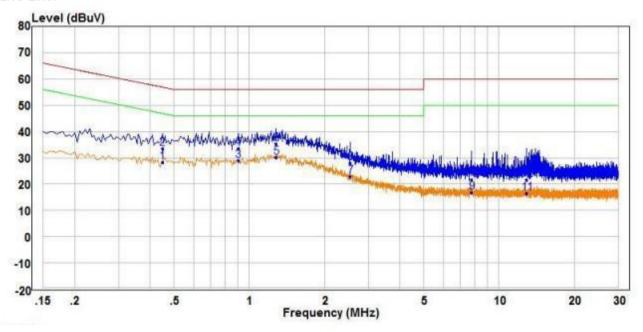


	highest channel.
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate of 802.11b at middle channel is the worst case. Only the worst case is recorded in the report.
Test Voltage:	AC120V/60Hz
Test Results:	Pass



Measurement Data

Live Line:



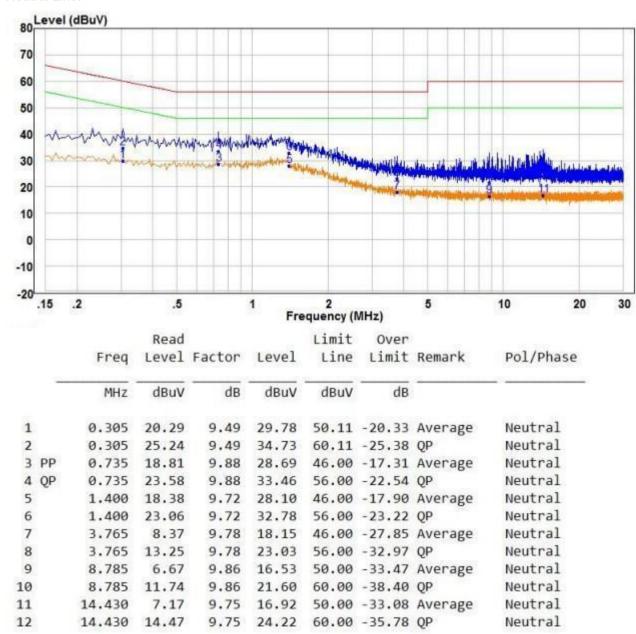
Freq	Read Level	Factor	Level	Limit	Over	Remark	Pol/Phase
MHz	dBuV	dB	dBuV	dBuV	dB	-	
0.450	18.76	9.66	28.42	46.88	-18.46	Average	Line
0.450	23.85	9.66	33.51	56.88	-23.37	QP	Line
0.905	19.14	9.76	28.90	46.00	-17.10	Average	Line
0.905	23.89	9.76	33.65	56.00	-22.35	QP	Line
1.285	19.90	10.40	30.30	46.00	-15.70	Average	Line
1.285	24.78	10.40	35.18	56.00	-20.82	QP	Line
2.545	11.63	11.14	22.77	46.00	-23.23	Average	Line
2.545	16.78	11.14	27.92	56.00	-28.08	QP	Line
7.775	6.89	9.83	16.72	50.00	-33.28	Average	Line
7.775	11.89	9.83	21.72	60.00	-38.28	QP	Line
12.945	6.72	9.80	16.52	50.00	-33.48	Average	Line
12.945	11.73	9.80	21.53	60.00	-38.47	QP	Line
	MHz 0.450 0.450 0.905 0.905 1.285 1.285 2.545 2.545 7.775 7.775	MHz dBuV 0.450 18.76 0.450 23.85 0.905 19.14 0.905 23.89 1.285 19.90 1.285 24.78 2.545 11.63 2.545 16.78 7.775 6.89 7.775 11.89 12.945 6.72	MHz dBuV dB 0.450 18.76 9.66 0.450 23.85 9.66 0.905 19.14 9.76 0.905 23.89 9.76 1.285 19.90 10.40 1.285 24.78 10.40 2.545 11.63 11.14 2.545 16.78 11.14 7.775 6.89 9.83 7.775 11.89 9.83 12.945 6.72 9.80	Freq Level Factor Level MHz dBuV dB dBuV 0.450 18.76 9.66 28.42 0.450 23.85 9.66 33.51 0.905 19.14 9.76 28.90 0.905 23.89 9.76 33.65 0.1285 19.90 10.40 30.30 0.1285 24.78 10.40 35.18 2.545 11.63 11.14 22.77 2.545 16.78 11.14 27.92 7.775 6.89 9.83 16.72 7.775 11.89 9.83 21.72 12.945 6.72 9.80 16.52	Freq Level Factor Level Line MHz dBuV dB dBuV dBuV 0.450 18.76 9.66 28.42 46.88 0.450 23.85 9.66 33.51 56.88 0.905 19.14 9.76 28.90 46.00 0.905 23.89 9.76 33.65 56.00 1.285 19.90 10.40 30.30 46.00 1.285 24.78 10.40 35.18 56.00 2.545 11.63 11.14 22.77 46.00 2.545 16.78 11.14 27.92 56.00 7.775 6.89 9.83 16.72 50.00 7.775 11.89 9.83 21.72 60.00 12.945 6.72 9.80 16.52 50.00	Freq Level Factor Level Line Limit MHz dBuV dB dBuV dBuV dB 0.450 18.76 9.66 28.42 46.88 -18.46 0.450 23.85 9.66 33.51 56.88 -23.37 0.905 19.14 9.76 28.90 46.00 -17.10 0.905 23.89 9.76 33.65 56.00 -22.35 1.285 19.90 10.40 30.30 46.00 -15.70 1.285 24.78 10.40 35.18 56.00 -20.82 2.545 11.63 11.14 22.77 46.00 -23.23 2.545 16.78 11.14 27.92 56.00 -28.08 7.775 6.89 9.83 16.72 50.00 -33.28 7.775 11.89 9.83 21.72 60.00 -38.28 12.945 6.72 9.80 16.52 50.00 -33.48	## Freq Level Factor Level Line Limit Remark MHz

Remark:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT.
- 2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
- 3. If the Peak value under Average limit, the Average value is not recorded in the report.



Neutral Line:



Remark:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT.
- 2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
- 3. If the Peak value under Average limit, the Average value is not recorded in the report.



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5.3 Conducted Peak & Average Output Power

Test Requirement:	47 CFR Part 15C Section 15.247 (b)(3)			
Test Method:	ANSI C63.10: 2013			
Test Setup:	EUT	Power Meter		
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates			
Final Test Mode:	Through Pre-scan, find the 1Mbps 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).			
	Only the worst case is recorded in the report.			
Limit:	30dBm			
Test Results:	Pass			



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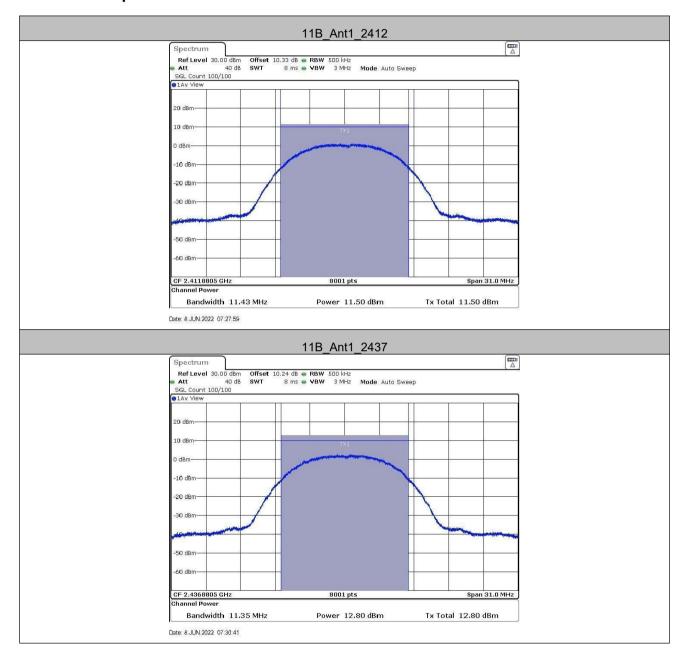
Measurement Data

Test Result

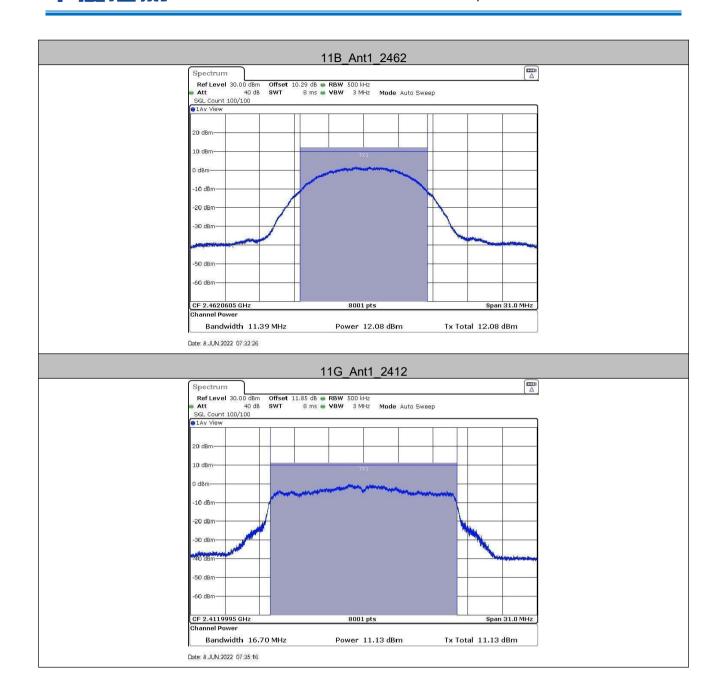
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
		2412	11.50	≤30	PASS
11B	Ant1	2437	12.80	≤30	PASS
		2462	12.08	≤30	PASS
		2412	11.13	≤30	PASS
11G	Ant1	2437	12.38	≤30	PASS
		2462	11.61	≤30	PASS
		2412	10.86	≤30	PASS
11N20SISO	Ant1	2437	12.09	≤30	PASS
		2462	11.36	≤30	PASS

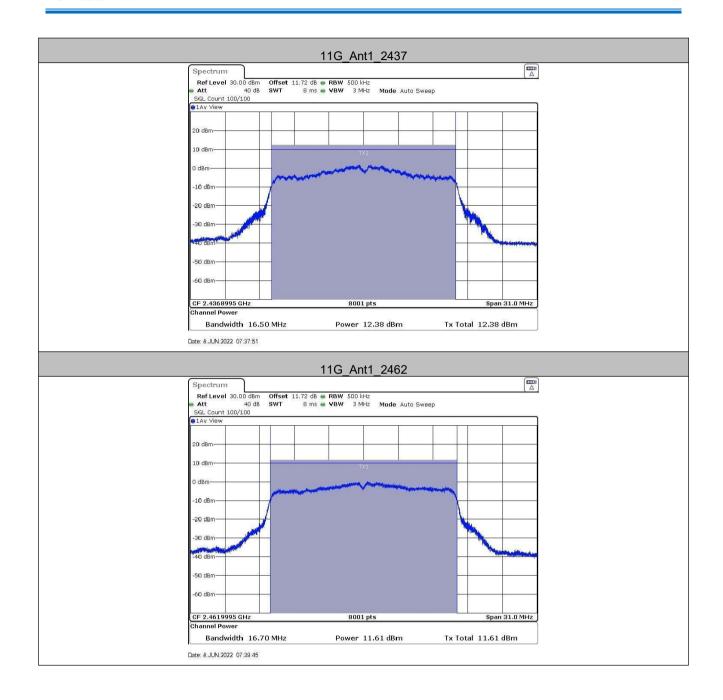


Test Graphs

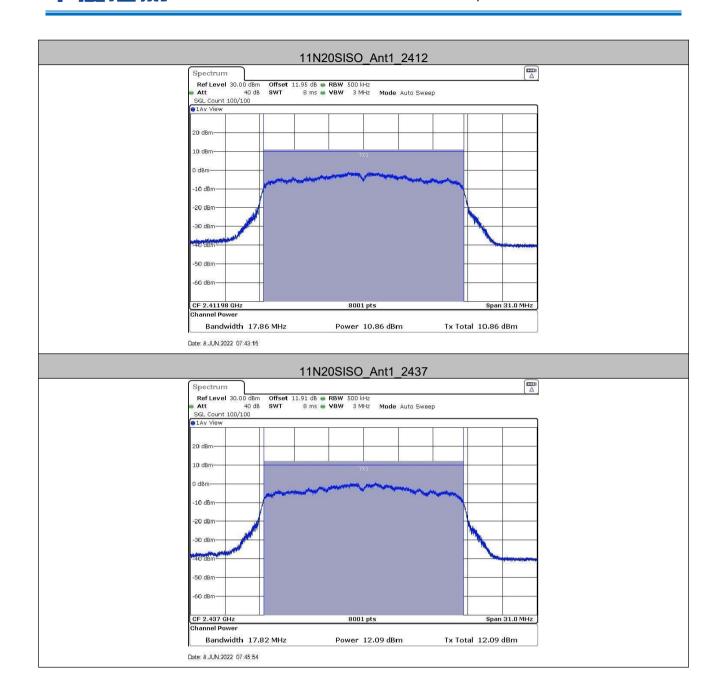




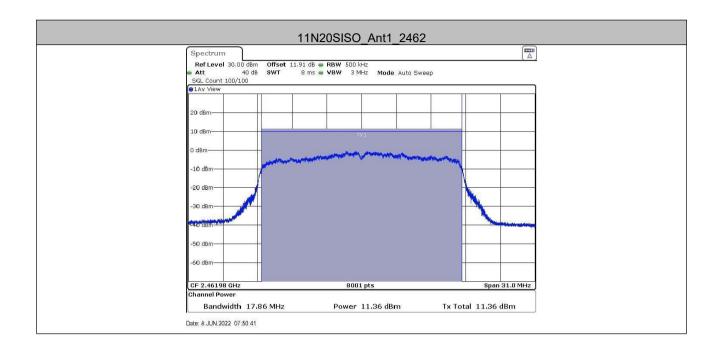








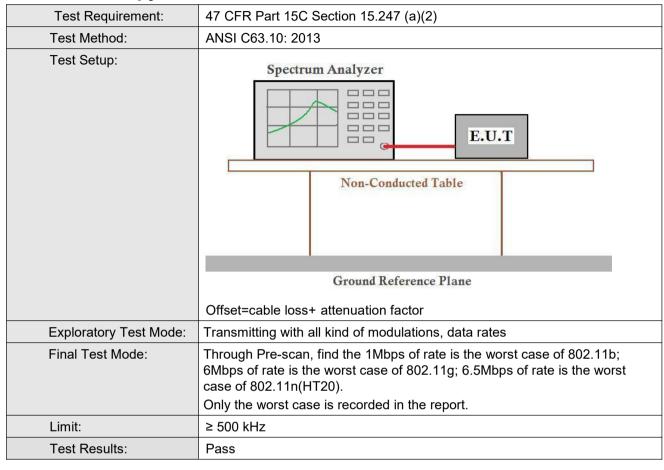








5.4 6dB Occupy Bandwidth





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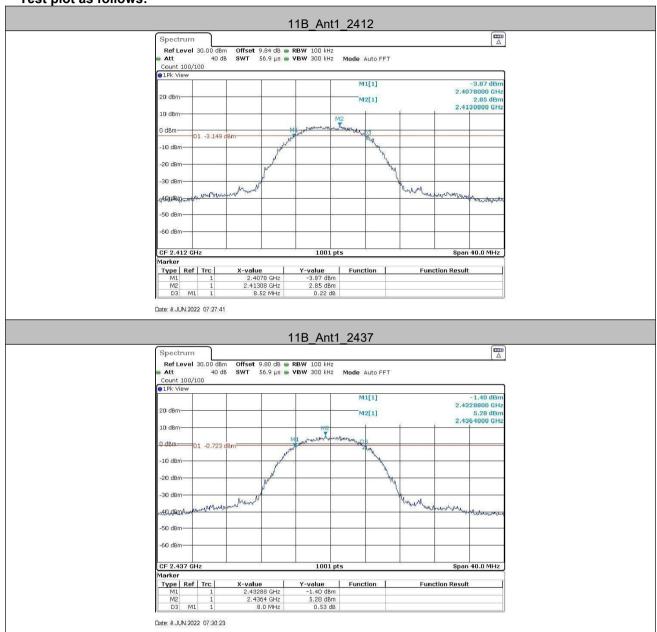
Measurement Data

802.11b mode							
Test channel	6dB Occupy Bandwidth (MHz)	99% OBW [MHz]	Limit (kHz)	Result			
Lowest	8.520	11.429	≥500	Pass			
Middle	8.000	11.349	≥500	Pass			
Highest	8.400	11.389	≥500	Pass			
	802.1	1g mode					
Test channel	6dB Occupy Bandwidth (MHz)	99% OBW [MHz]	Limit (kHz)	Result			
Lowest	15.800	16.703	≥500	Pass			
Middle	15.240	16.503	≥500	Pass			
Highest	15.720	16.703	≥500	Pass			
	802.11n(HT20) mode					
Test channel	6dB Occupy Bandwidth (MHz)	99% OBW [MHz]	Limit (kHz)	Result			
Lowest	17.680	17.862	≥500	Pass			
Middle	16.080	17.822	≥500	Pass			
Highest	17.040	17.862	≥500	Pass			
Remark:							

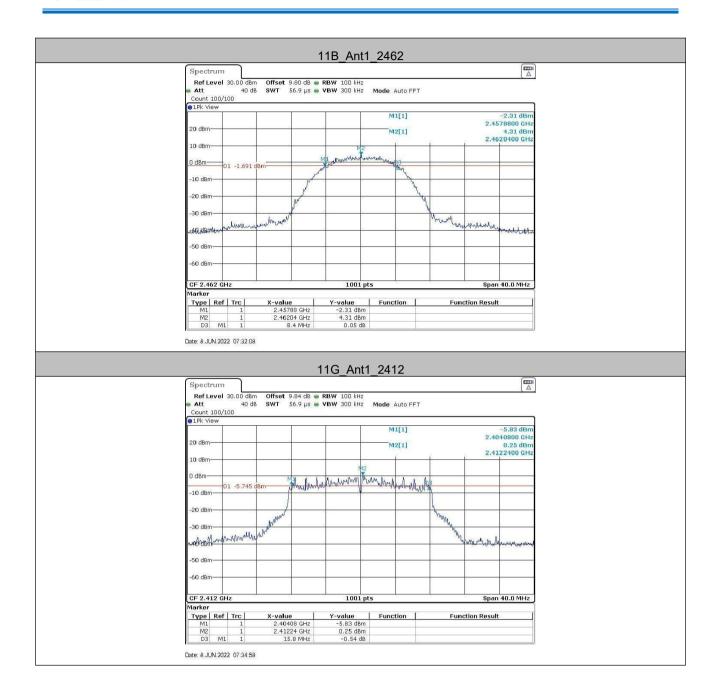
^{1. 99%} OBW was for reference only

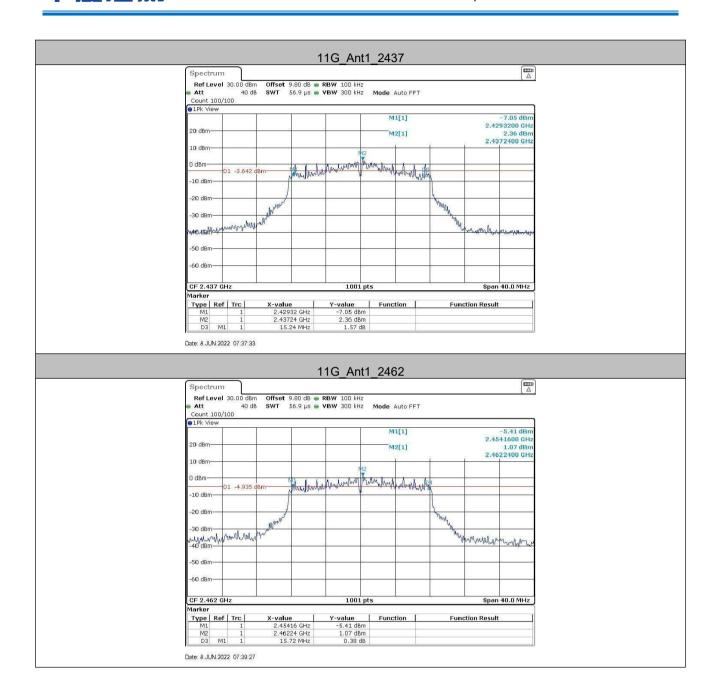


Test plot as follows:







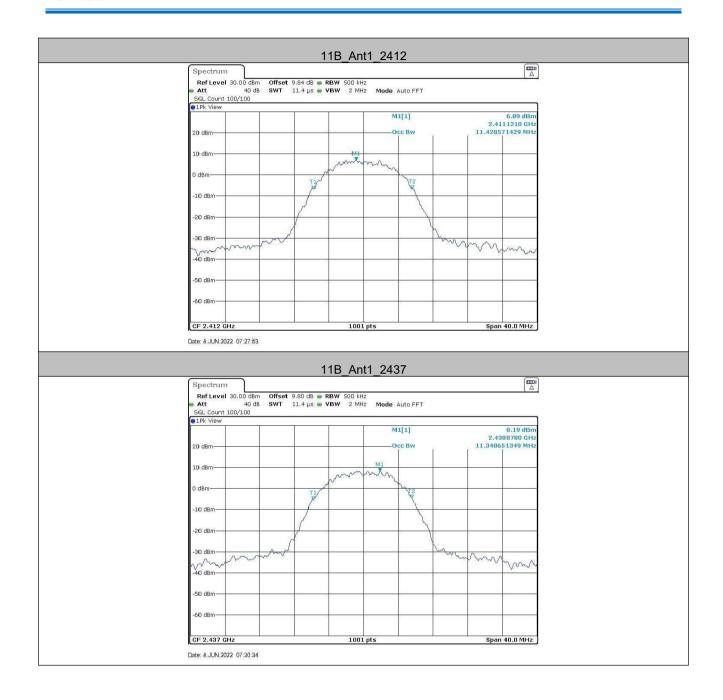


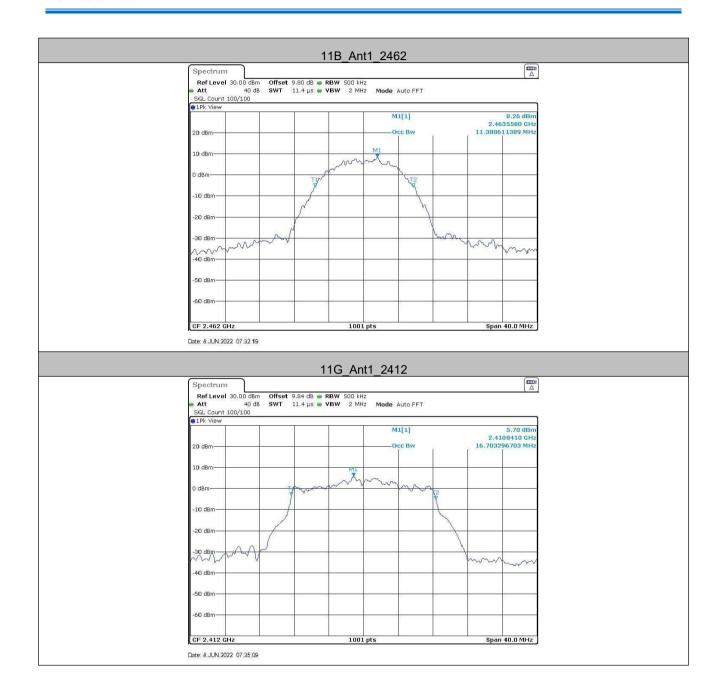




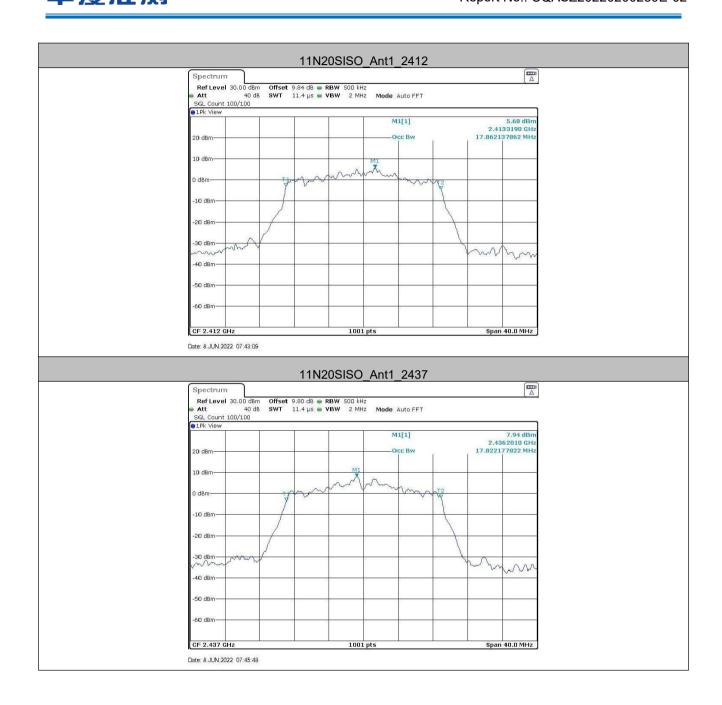




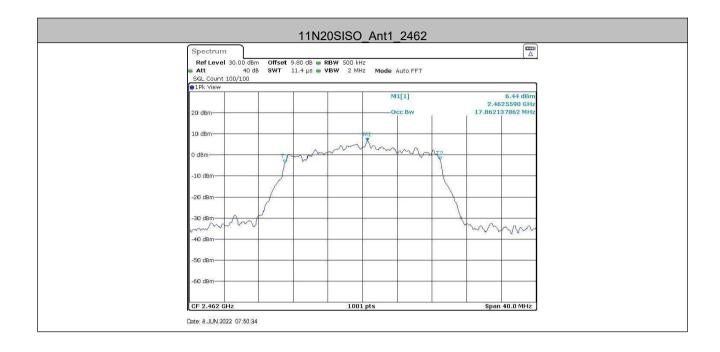








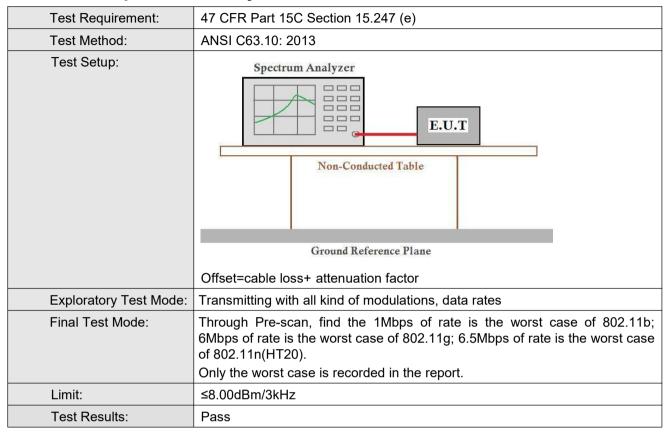






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5.5 Power Spectral Density





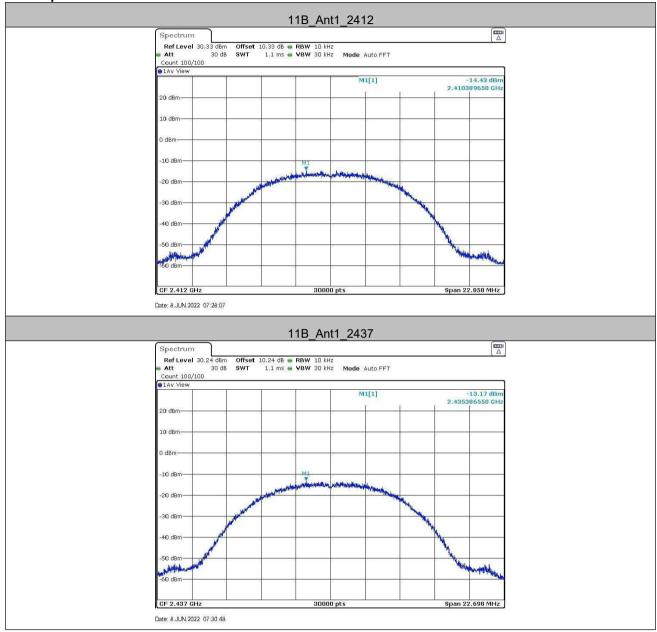
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Measurement Data

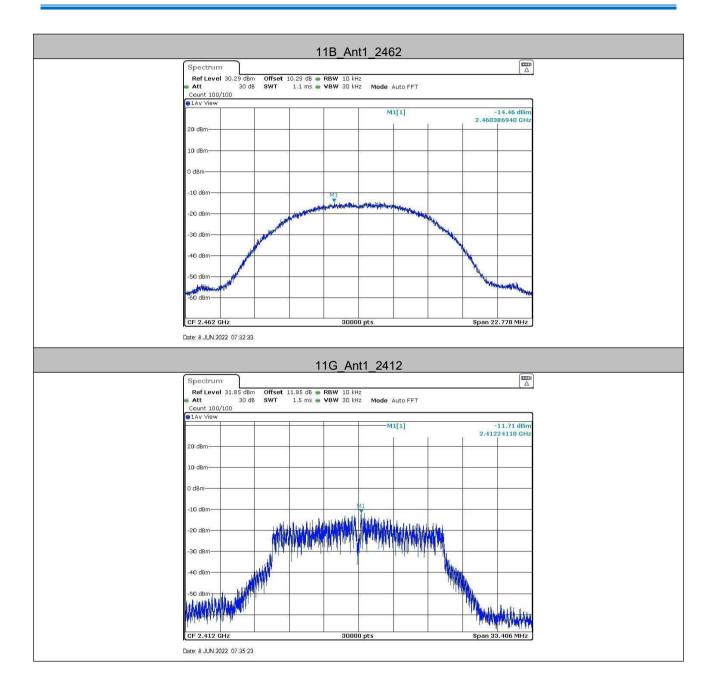
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
		2412	-14.43	≤8	PASS
11B	Ant1	2437	-13.17	≤8	PASS
		2462	-14.46	≤8	PASS
11G	Ant1	2412	-11.71	≤8	PASS
		2437	-9.25	≤8	PASS
		2462	-11.44	≤8	PASS
11N20SISO	Ant1	2412	-13.82	≤8	PASS
		2437	-12.46	≤8	PASS
		2462	-13.13	≤8	PASS

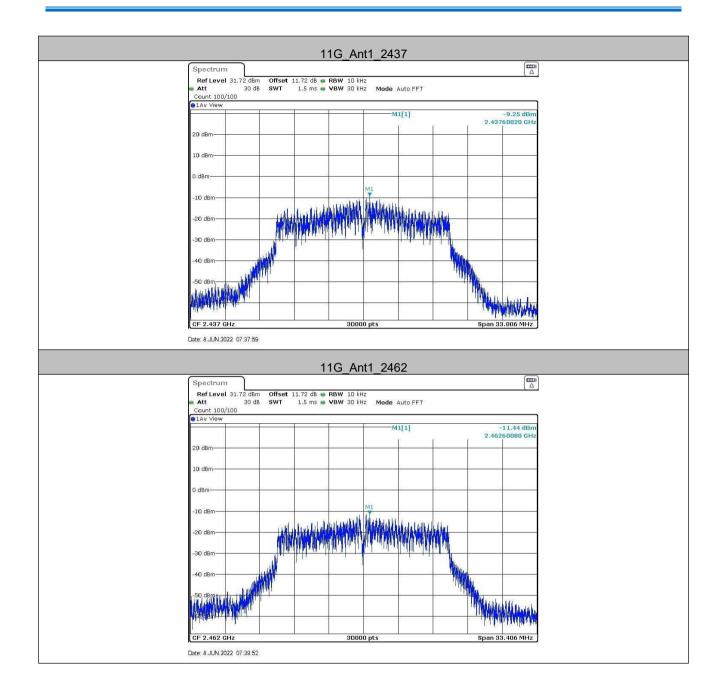


Test plot as follows:

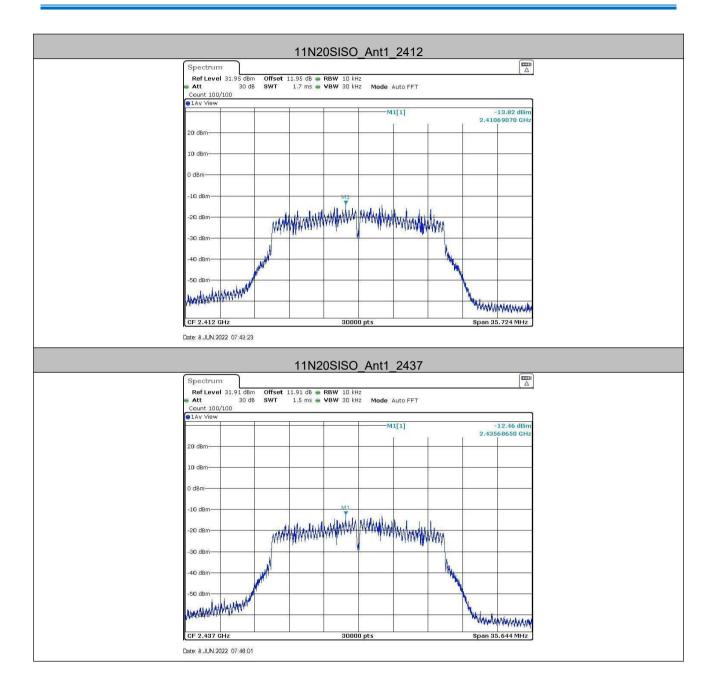




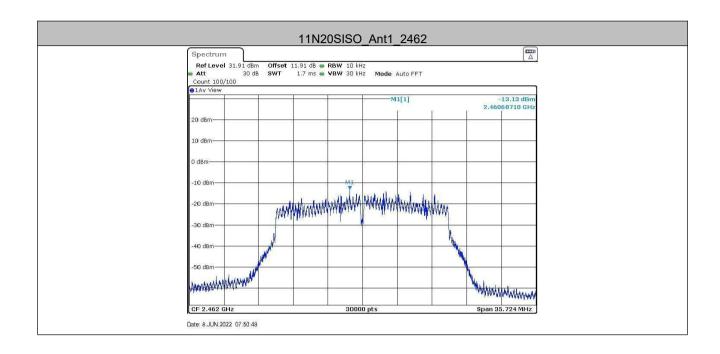








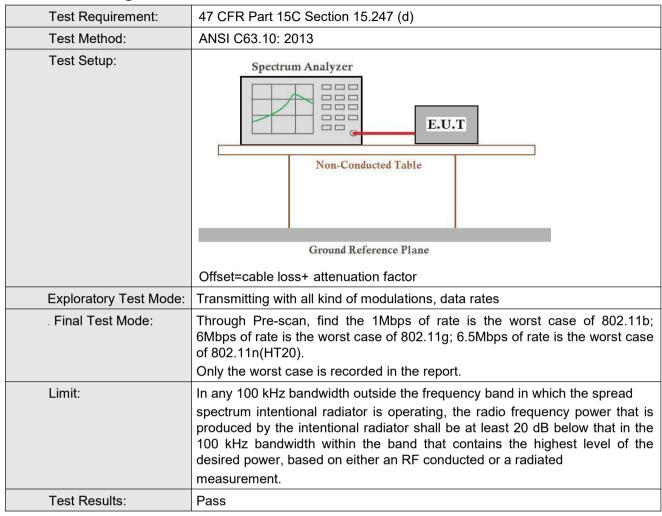






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5.6 Band-edge for RF Conducted Emissions





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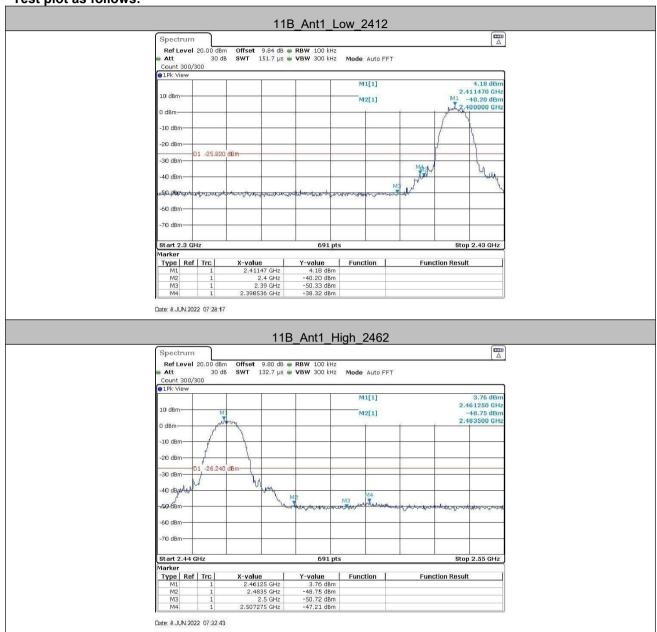
Test Data:

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.18	-38.32	≤-25.82	PASS
		High	2462	3.76	-47.21	≤-26.24	PASS
11G	Ant1	Low	2412	0.25	-33.84	≤-29.75	PASS
		High	2462	1.02	-41.56	≤-28.98	PASS
11N20SISO	Ant1	Low	2412	-0.15	-35.7	≤-30.15	PASS
		High	2462	0.65	-45.22	≤-29.35	PASS

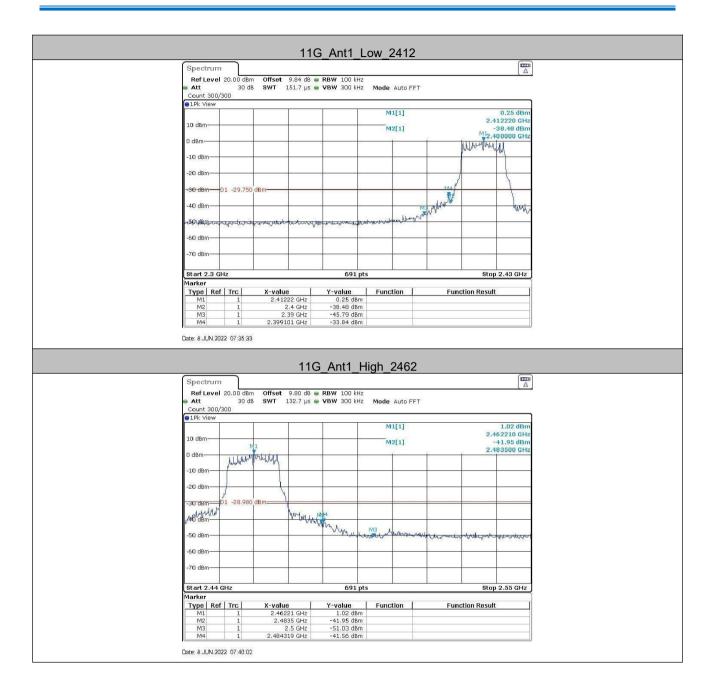


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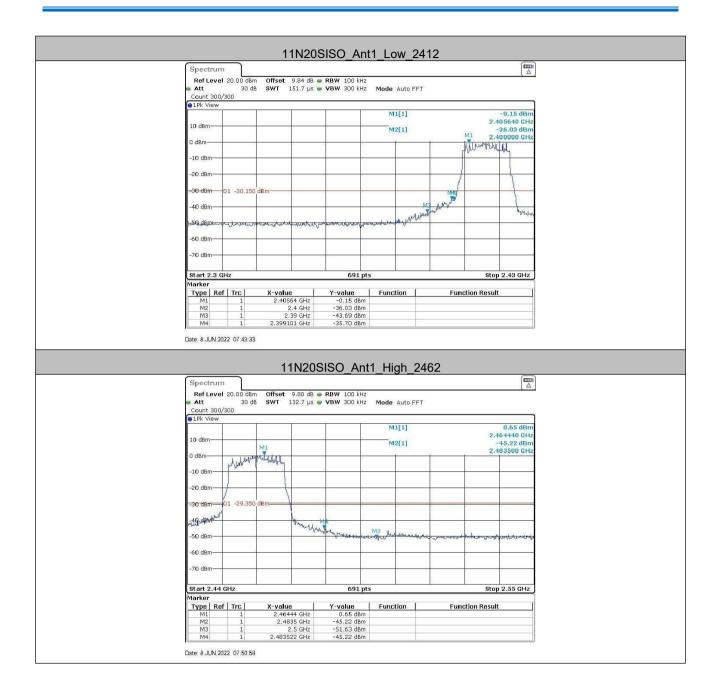
Test plot as follows:







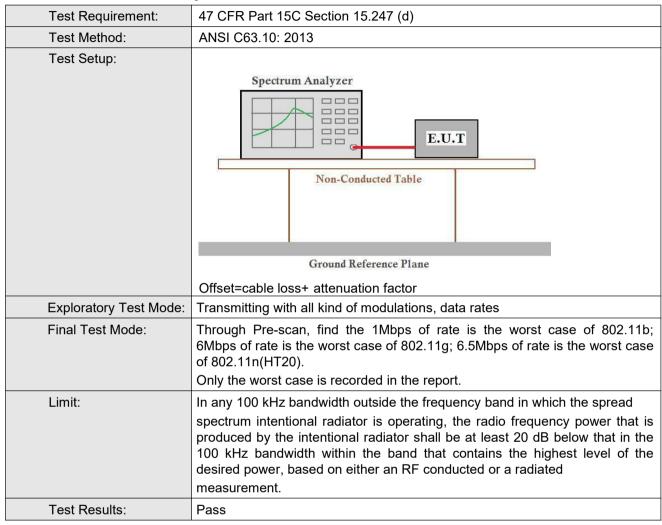






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5.7 RF Conducted Spurious Emissions





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Test plot as follows:

