	と 涙リ chnology						
	TEST REPO	RT					
FCC ID :	2A8LM-KT-100V	2A8LM-KT-100V					
Test Report No::	TCT220411E075						
Date of issue:	Nov. 03, 2022						
Testing laboratory::	SHENZHEN TONGCE TEST	ING LAB					
Testing location/ address:		ctory Renshan Industrial Zone, Fuhai henzhen, Guangdong, 518103,					
Applicant's name::	KTOP ELECTRONICS CO., I	LIMITED					
Address:	Room 202, Haibin Science ar Xixiang, Baoan District, Shen	nd Technology Building, Gushu , zhen, Guangdong, China					
Manufacturer's name :	KTOP ELECTRONICS CO., I	LIMITED					
Address:	Room 202, Haibin Science ar Xixiang, Baoan District, Shen	nd Technology Building, Gushu , zhen, Guangdong, China					
Standard(s):	FCC CFR Title 47 Part 15 Subpart C Section 15.247 FCC KDB 558074 D01 15.247 Meas Guidance v05r02 ANSI C63.10:2013						
Product Name::	RADIO CLOCK AND BLUET	RADIO CLOCK AND BLUETOOTH SPEAKER					
Trade Mark:	N/A						
Model/Type reference :	KT-100V, KT-201V, KT-302V	KT-100V, KT-201V, KT-302V, KT-403V, KT-504V					
Rating(s):	Adapter Information: Model: DCT12W120100US-A0 Input: AC 100-240V, 50/60Hz, 0.3A max Output: DC 12.0V, 1.0A DC 3V(2*AAA Battery)						
Date of receipt of test item	Apr. 11, 2022						
Date (s) of performance of test:	Apr. 11, 2022 - Nov. 03, 2022						
Tested by (+signature) :	Aaron MO						
Check by (+signature) :	Beryl ZHAO						
Approved by (+signature):	Tomsin	Jomsin 30					
General disclaimer:	oduced except in full without	the written approval of SHENZHEN					

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Table of Contents

TCT通测检测 TESTING CENTRE TECHNOLOGY

1. G	eneral Prod	luct Infor	mation				
(()) .	.1. EUT descri	iption	<u>(c</u>	<u>)</u>	<u> (c)</u>		3
1.	2. Model(s) lis	st					3
1.	3. Operation	Frequency					4
2. T	est Result S	Summary		<u>(6)</u>		<u>(60)</u>	5
3. G	eneral Infor	mation					6
				<u> </u>			
3.	2. Description	n of Suppo	rt Units	<u>)</u>			7
4. Fa	acilities and	Accredit	tations				8
4.	1. Facilities						8
4.	2. Location						8
4.	.3. Measureme	ent Uncerta	ainty				8
5. T	est Results	and Meas	surement D	ata	<u>(6)</u>		9
5.	.1. Antenna re	quirement					9
5.	.3. Maximum (Conducted	(Average) Ou	Itput Power		<u> </u>	11
5.	.5. Power Spe	ctral Densi	ty	<u>.</u>			16
5.	.6. Conducted	Band Edg	e and Spurio	us Emission N	leasureme	nt	17
5.	7. Radiated S	purious En	nission Meas	urement			19
Арр	endix A: Te	st Result	of Conduct	ed Test			
Арр	endix B: Ph	otograph	s of Test S	etup			
Арр	endix C: Ph	otograph	s of EUT				



1. General Product Information

1.1. EUT description

Product Name:	RADIO CLOCK AND BLUETOOTH SPEAKER
Model/Type reference:	KT-100V
Sample Number:	TCT220411E012-0101
Operation Frequency:	2412MHz~2462MHz (802.11b/802.11g/802.11n(HT20)) 2422MHz~2452MHz (802.11n(HT40))
Channel Separation:	5MHz
Number of Channel:	11 for 802.11b/802.11g/802.11n(HT20) 7 for 802.11n(HT40)
Modulation Technology:	802.11b: Direct Sequence Spread Spectrum (DSSS) 802.11g/802.11n: Orthogonal Frequency Division Multiplexing(OFDM)
Data speed:	802.11b: 1Mbps, 2Mbps, 5.5Mbps, 11Mbps 802.11g: 6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps 802.11n: Up to 150Mbps
Antenna Type:	Internal Antenna
Antenna Gain:	2.89dBi
Rating(s):	Adapter Information: Model: DCT12W120100US-A0 Input: AC 100-240V, 50/60Hz, 0.3A max Output: DC 12.0V, 1.0A DC 3V(2*AAA Battery)

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

1.2. Model(s) list

No.			Tested with	
1			\boxtimes	
Other models	KT-201V, k	-504V (S		
		are derivative models. These So the test data of KT-		
			A can represent the	
				Page 3 of 81
Hotline: 400-66	11-140 Tel: 86-755-	27673339 Fax: 86-755	5-27673332 http://www	w.tct-lab.com

Report No.: TCT220411E075



1.3. Operation Frequency

For 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		

For 802.11n (HT40)

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
		4	2427MHz	7	2442MHz		- 0
<u>(</u> ()	- (5	2432MHz	8	2447MHz	G`)	(20
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:

802.11b/802.11g/802.11n (HT20)

Channel	Frequency
The lowest channel	2412MHz
The middle channel	2437MHz
The Highest channel	2462MHz

802.11n (HT40)

Channel	Frequency
The lowest channel	2422MHz
The middle channel	2437MHz
The Highest channel	2452MHz



2. Test Result Summary

Requirement	CFR 47 Section	Result
Antenna requirement	§15.203/§15.247 (c)	PASS
AC Power Line Conducted Emission	§15.207	PASS
Conducted Output Power	§15.247 (b)(3)	PASS
6dB Emission Bandwidth	§15.247 (a)(2)	PASS
Power Spectral Density	§15.247 (e)	PASS
Band Edge	§15.247(d)	PASS
Spurious Emission	§15.205/§15.209	PASS

Note:

1. PASS: Test item meets the requirement.

2. Fail: Test item does not meet the requirement.

3. N/A: Test case does not apply to the test object.

4. The test result judgment is decided by the limit of test standard.

Page 5 of 81

3. General Information

3.1. Test environment and mode

Operating Environment:		
Condition	Conducted Emission	Radiated Emission
Temperature:	24.1 °C	27.2 °C
Humidity:	47 % RH	51 % RH
Atmospheric Pressure:	1010 mbar	
Test Software:		
Software Information:	secureCRT	
Power Level:	Default	
Test Mode:		
Engineering mode:	Keep the EUT in continuous channel	transmitting by select
above the ground plane of polarities were performed. the EUT continuously wo	0.8m & 1.5m for the measure 3m chamber. Measurements i During the test, each emissio king, investigated all operating onsidered typical configuratio	n both horizontal and vertica n was maximized by: having g modes, rotated about all 3
above the ground plane of polarities were performed, he EUT continuously wor axis (X, Y & Z) and co manipulating interconnect from 1m to 4m in bot	3m chamber. Measurements i During the test, each emissio king, investigated all operating onsidered typical configuratio ing cables, rotating the turnta h horizontal and vertical po	n both horizontal and vertica n was maximized by: having g modes, rotated about all 3 n to obtain worst position ble, varying antenna height plarizations. The emissions
above the ground plane of polarities were performed, the EUT continuously wor axis (X, Y & Z) and co manipulating interconnect from 1m to 4m in bot	3m chamber. Measurements i During the test, each emissio king, investigated all operating onsidered typical configuratio ing cables, rotating the turnta	n both horizontal and vertica n was maximized by: having g modes, rotated about all 3 n to obtain worst position ble, varying antenna height plarizations. The emissions
above the ground plane of polarities were performed, the EUT continuously wor axis (X, Y & Z) and co- manipulating interconnect from 1m to 4m in bot worst-case(Z axis) are sho We have verified the consi- were carried out with the E report and defined as follo Per-scan all kind of data	3m chamber. Measurements i During the test, each emissio king, investigated all operating onsidered typical configuratio ing cables, rotating the turnta h horizontal and vertical po own in Test Results of the follow ruction and function in typical of UT in transmitting operation, w	n both horizontal and vertica n was maximized by: having g modes, rotated about all 3 n to obtain worst position ble, varying antenna height plarizations. The emissions wing pages.
above the ground plane of colarities were performed. the EUT continuously wor axis (X, Y & Z) and co- manipulating interconnect from 1m to 4m in bot worst-case(Z axis) are sho were carried out with the E- report and defined as follo Per-scan all kind of data was worst case.	3m chamber. Measurements i During the test, each emissio king, investigated all operating onsidered typical configuratio ing cables, rotating the turnta h horizontal and vertical po own in Test Results of the follow ruction and function in typical of UT in transmitting operation, we ws:	n both horizontal and vertica n was maximized by: having g modes, rotated about all 3 n to obtain worst position ble, varying antenna height plarizations. The emissions wing pages.
above the ground plane of colarities were performed. the EUT continuously wor axis (X, Y & Z) and co- manipulating interconnect from 1m to 4m in bot worst-case(Z axis) are sho We have verified the consi- were carried out with the E- report and defined as follo Per-scan all kind of data was worst case. Mode	3m chamber. Measurements i During the test, each emissio king, investigated all operating onsidered typical configuratio ing cables, rotating the turnta h horizontal and vertical po own in Test Results of the follow ruction and function in typical of UT in transmitting operation, we ws:	n both horizontal and vertica n was maximized by: having g modes, rotated about all 3 n to obtain worst position ble, varying antenna height plarizations. The emissions wing pages. operation. All the test modes which was shown in this test bund the follow list which it Data rate
Above the ground plane of polarities were performed. The EUT continuously wor axis (X, Y & Z) and continuously wor axis (X, Y & Z) and continuously wor axis (X, Y & Z) and continued manipulating interconnect from 1m to 4m in bot worst-case(Z axis) are sho worst-case(Z axis) are s	3m chamber. Measurements i During the test, each emissio king, investigated all operating onsidered typical configuratio ing cables, rotating the turnta h horizontal and vertical po own in Test Results of the follow ruction and function in typical of UT in transmitting operation, we ws:	n both horizontal and vertica n was maximized by: having g modes, rotated about all 3 n to obtain worst position, ble, varying antenna height plarizations. The emissions wing pages. operation. All the test modes which was shown in this test bund the follow list which it Data rate 1Mbps
above the ground plane of colarities were performed. the EUT continuously wor axis (X, Y & Z) and co- manipulating interconnect from 1m to 4m in bot worst-case(Z axis) are sho We have verified the consi- were carried out with the E- report and defined as follo Per-scan all kind of data was worst case. Mode	3m chamber. Measurements i During the test, each emissio king, investigated all operating onsidered typical configuratio ing cables, rotating the turnta h horizontal and vertical po own in Test Results of the follow ruction and function in typical of UT in transmitting operation, w ws: rate in lowest channel, and for	n both horizontal and vertica n was maximized by: having g modes, rotated about all 3 n to obtain worst position ble, varying antenna height plarizations. The emissions wing pages. operation. All the test modes which was shown in this test bund the follow list which it Data rate

Page 6 of 81



3.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
(6)	(6)	1	/	

Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
- 3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.





4. Facilities and Accreditations

4.1. Facilities

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

• FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC Registration No.: 10668A-1
 - SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

4.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China TEL: +86-755-27673339

4.3. Measurement Uncertainty

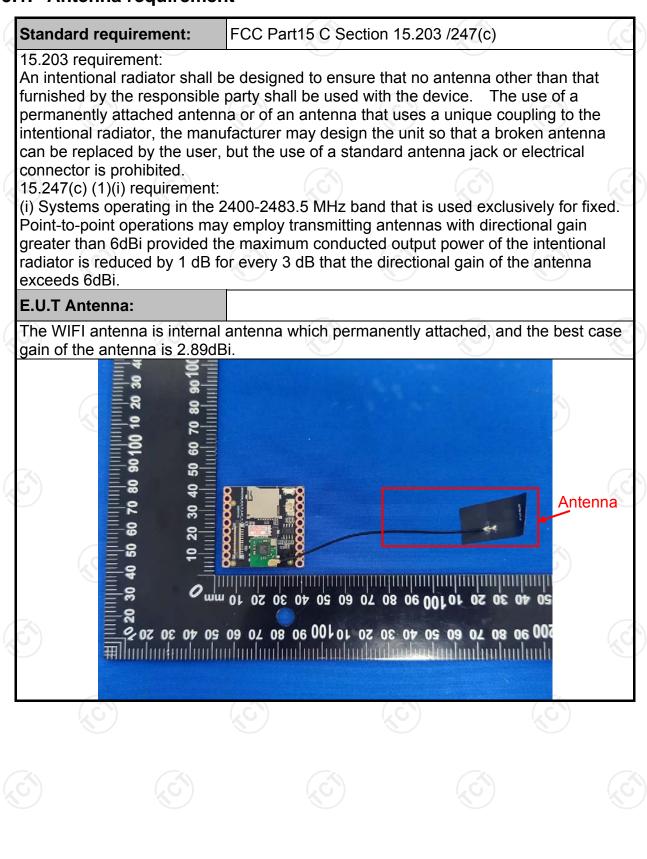
The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	± 3.10 dB
2	RF power, conducted	± 0.12 dB
3	Spurious emissions, conducted	± 0.11 dB
4	All emissions, radiated(<1 GHz)	± 4.56 dB
5	All emissions, radiated(1 GHz - 18 GHz)	± 4.22 dB
6	All emissions, radiated(18 GHz- 40 GHz)	± 4.36 dB



5. Test Results and Measurement Data

5.1. Antenna requirement





5.2. Conducted Emission

5.2.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.207				
Test Method:	ANSI C63.10:2013				
Frequency Range:	150 kHz to 30 MHz				
Receiver setup:	RBW=9 kHz, VBW=30	kHz, Sweep time	e=auto		
	Frequency range	Limit (dBuV)		
	(MHz)	Quasi-peak	Average		
Limits:	0.15-0.5	66 to 56*	56 to 46* 🔍		
	0.5-5	56	46		
	5-30	60	50		
	Reference	e Plane			
Test Setup:	E.U.T AC powe Test table/Insulation plane Remarkc E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Ne Test table height=0.8m	EMI Receiver	- AC power		
Test Mode:	Transmitting Mode				
Test Procedure:	 The E.U.T is connelline impedance staprovides a 500hm/5 measuring equipmer The peripheral device power through a LI coupling impedance refer to the block photographs). Both sides of A.C. conducted interferent emission, the relative 	bilization network 50uH coupling im nt. ces are also conne SN that provides with 50ohm terr diagram of the line are checkence. In order to fi e positions of equ	k (L.I.S.N.). This apedance for the ected to the main s a 50ohm/50uh nination. (Please test setup and ed for maximun nd the maximun upment and all o		
	the interface cables ANSI C63.10:2013 of				

Page 10 of 81



5.2.2. Test Instruments

	Conducted Emission Shielding Room Test Site (843)							
	Equipment	Manufacturer	Model	Serial Number	Calibration Due			
EN	/II Test Receiver	R&S	ESCI3	100898	Jul. 03, 2023			
	ine Impedance Stabilisation Newtork(LISN)	Schwarzbeck	NSLK 8126	8126453	Feb. 24, 2023			
	Line-5	тст	CE-05	/	Jul. 03, 2023			
Ē	/II Test Software	Shurple Technology	EZ-EMC	1	1			

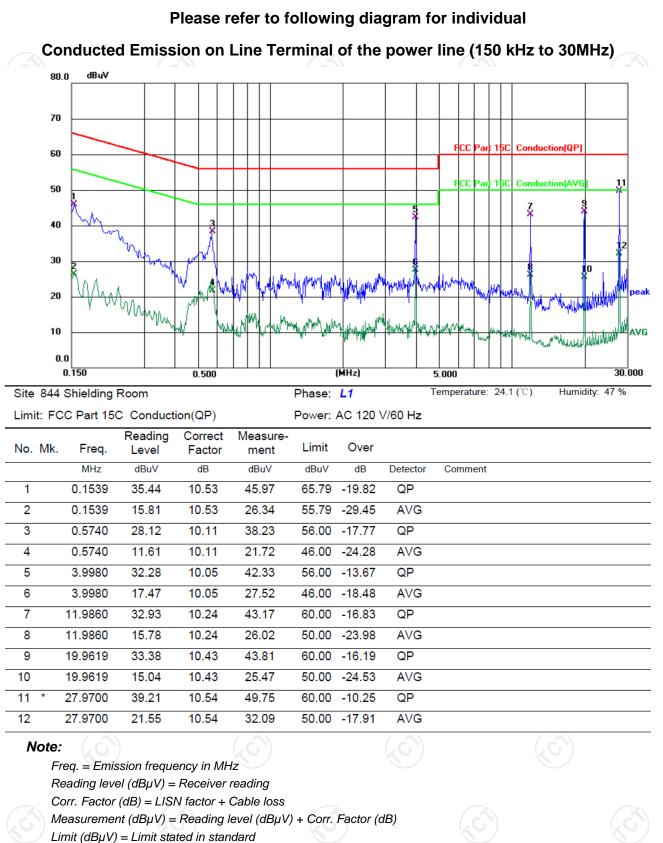


Page 11 of 81



5.2.3. Test data

TCT通测检测 TCT通测检测



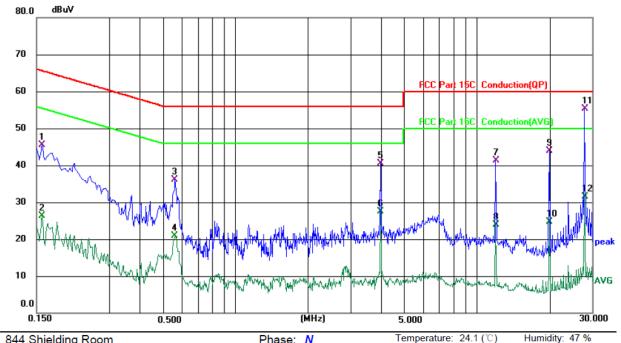
 $(dD\mu\nu) = Linit stated in standard$

Margin (dB) = Measurement (dB μ V) – Limits (dB μ V)

Q.P. =Quasi-Peak AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

Page 12 of 81



Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)

Site 844 Shielding Room Phase: N

TCT 通测检测 TCT 通测检测

Limi	it: FC	C Part 15	C Conducti	on(QP)		Power:	AC 120 \	√/60 Hz	
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1580	35.07	10.45	45.52	65.57	-20.05	QP	
2		0.1580	15.78	10.45	26.23	55.57	-29.34	AVG	
3		0.5620	25.94	10.12	36.06	56.00	-19.94	QP	
4		0.5620	10.77	10.12	20.89	46.00	-25.11	AVG	
5		3.9980	30.37	10.15	40.52	56.00	-15.48	QP	
6		3.9980	17.43	10.15	27.58	46.00	-18.42	AVG	
7		11.9819	30.90	10.34	41.24	60.00	-18.76	QP	
8		11.9819	13.58	10.34	23.92	50.00	-26.08	AVG	
9		19.9740	33.43	10.43	43.86	60.00	-16.14	QP	
10		19.9740	14.37	10.43	24.80	50.00	-25.20	AVG	
11	*	27.9619	44.88	10.46	55.34	60.00	-4.66	QP	
12		27.9619	21.02	10.46	31.48	50.00	-18.52	AVG	

Note:

Freq. = Emission frequency in MHz Reading level (dBμV) = Receiver reading Corr. Factor (dB) = LISN factor + Cable loss Measurement (dBμV) = Reading level (dBμV) + Corr. Factor (dB) Limit (dBμV) = Limit stated in standard Margin (dB) = Measurement (dBμV) – Limits (dBμV) Q.P. =Quasi-Peak AVG =average * is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz. Page 13 of 81



5.3. Maximum Conducted (Average) Output Power

5.3.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	KDB 558074 D01 v05r02
Limit:	30dBm
Test Setup:	
Test Mode:	Spectrum Analyzer EUT Transmitting mode with modulation Image: Comparison of the sector of
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Measure the conducted output power and record the results in the test report.
Test Result:	PASS
(.c)	

5.3.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 04, 2023
Combiner Box	Ascentest	AT890-RFB		



5.4. Emission Bandwidth

5.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15	5.247 (a)(2)	
Test Method:	KDB 558074 D01 v05r02	2	
Limit:	>500kHz		
Test Setup:			
	Spectrum Analyzer	EUT	(LC
Test Mode:	Transmitting mode with n	modulation	
Test Procedure:	EUT transmit continue 2. Make the measurement resolution bandwidth Video bandwidth (VB) an accurate measure be greater than 500 k	nt with the spectrum analyz (RBW) = 100 kHz. Set the W) = 300 kHz. In order to n ment. The 6dB bandwidth r	zer's nake must
Test Result:	PASS		

5.4.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 04, 2023
Combiner Box	Ascentest	AT890-RFB	<u>ري</u> ا	





5.5. Power Spectral Density

5.5.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB 558074
Limit:	The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	
	Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. Set the span to at least 1.5 times the OBW. Detector = RMS, Sweep time = auto couple. Employ trace averaging (RMS) mode over a minimum of 100 traces. Use the peak marker function to determine the maximum power level. Measure and record the results in the test report.
Test Result:	PASS

5.5.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 04, 2023
Combiner Box	Ascentest	AT890-RFB	1	1

5.6. Conducted Band Edge and Spurious Emission Measurement

5.6.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).
Test Setup:	
	Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is
	 If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). Measure and record the results in the test report. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5.6.2. Test Instruments

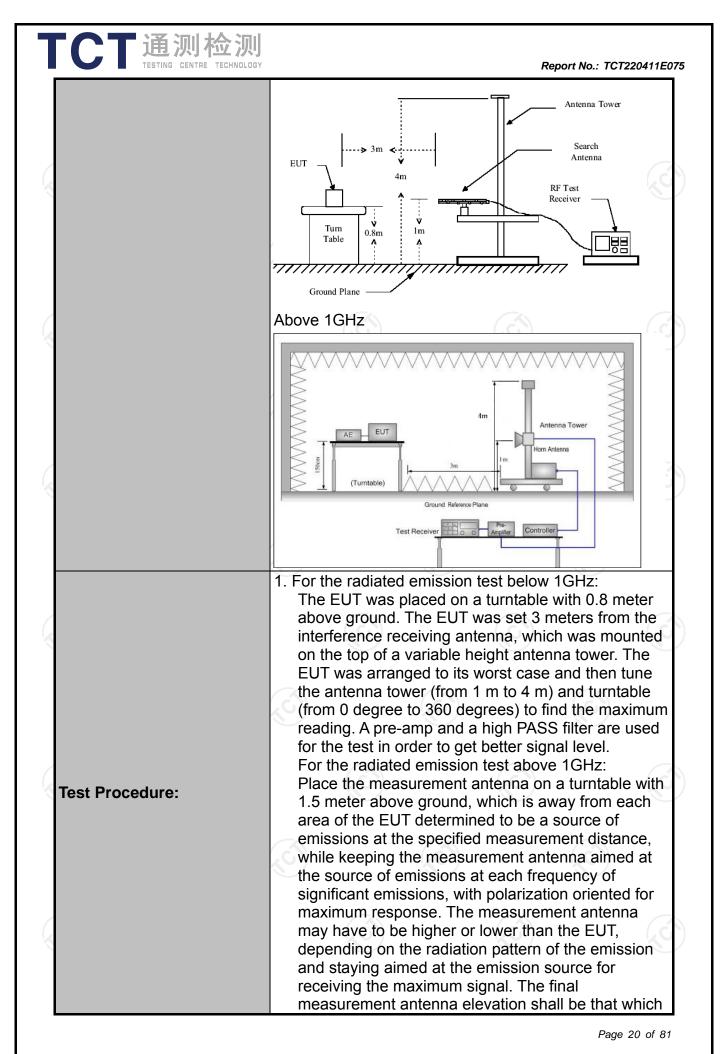
mber Calibration D	Serial Number	Model No.	Manufacturer	Name	
619 Jul. 04, 2023	MY49100619	N9020A	Agilent	Spectrum Analyzer	
1	I	AT890-RFB	Ascentest	Combiner Box	



5.7. Radiated Spurious Emission Measurement

5.7.1. Test Specification

FCC Part15 C Section 15.209					
ANSI C63.10	0:2013				
9 kHz to 25 (GHz			<i>(</i> 1.	
3 m		<u>(</u>)			
Horizontal &	Vertical				
		th modulat	ion	_	
			-G [•]) —	Demerik	
				Remark Quasi-peak Value	
150kHz- 30MHz			30kHz	Quasi-peak Value	
30MHz-1GHz	Quasi-pea	ak 120KHz	300KHz	Quasi-peak Value	
	Peak	1MHz	3MHz	Peak Value	
	Peak	1MHz	10Hz	Average Value	
Frequen	су			Measurement Distance (meters)	
0.009-0.4	190	2400/F(ł	(Hz)	300	
0.490-1.705			KHz)	30	
		30		30	
	-			3	
				3	
		500		3	
Frequency				ce Detector	
		500	3	Average	
Above 1GHz	Z	5000	3	Peak	
For radiated	emissior	ns below 30)MHz		
Di	stance = 3m			Computer	
Pre -Amplifier					
EUT 0.8m Turn table Receiver					
	Turn table	lm		teceiver	
		1m nd Plane	_	teceiver	
	9 kHz to 25 03 mHorizontal &TransmittingFrequency9kHz-150kHz150kHz-30MHz30MHz-1GHzAbove 1GHzFrequent0.009-0.40.490-1.71.705-330-8888-216216-96Above 1GHzFrequencyAbove 1GHzFrequency1.705-330-8888-216216-96Above 1GHzFrequencyAbove 1GHzFor radiated	Horizontal & Vertical Transmitting mode with the second	9 kHz to 25 GHz 3 m Horizontal & Vertical Transmitting mode with modulat <u>Frequency</u> Detector RBW 9kHz-150kHz Quasi-peak 200Hz 150kHz- Quasi-peak 9kHz 30MHz 30MHz Quasi-peak 120KHz 30MHz Quasi-peak 120KHz 120KHz 30MHz Quasi-peak 120KHz 120KHz 30MHz Quasi-peak 120KHz 120KHz Above 1GHz Peak 1MHz 110K Frequency Field Strest 0.009-0.490 2400/F(theta) 0.009-0.490 2400/F(theta) 0.009-0.490 2400/F(theta) 0.009-0.490 2400/F(theta) 0.009-0.490 2400/F(theta) 0.000 0.000 30-88 1000 88-216 1500 216-960 2000 2000 Above 960 5000 Frequency Field Strength (microvolts/meter) 5000 5000 Above 1GHz 500 5000 5000 5000	9 kHz to 25 GHz 3 m Horizontal & Vertical Transmitting mode with modulation	



TCT通测检测 TECT通测检测	Report No.: TCT220411E075
	 Report No.: TCT220411E075 maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; Set RBW=120 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold; Set RBW = 1 MHz, VBW= 3MHz for f >1 GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. WBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum
Test results:	power control level for the tested mode of operation. PASS



5.7.2. Test Instruments

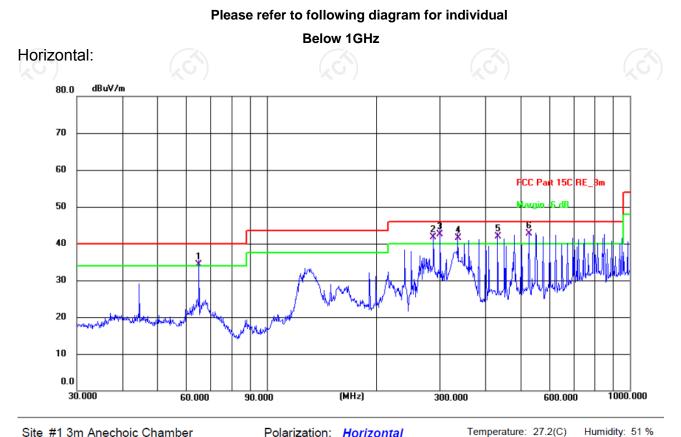
	Radiated En	nission Test Site	e (966)	
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESIB7	100197	Jul. 03, 2023
Spectrum Analyzer	R&S	FSQ40	200061	Jul. 03, 2023
Pre-amplifier	SKET	LNPA_0118G- 45	SK2021012 102	Feb. 24, 2023
Pre-amplifier	SKET	LNPA_1840G- 50	SK2021092 03500	Feb. 24, 2023
Pre-amplifier	HP	8447D	2727A05017	Jul. 03, 2023
Loop antenna	Schwarzbeck	FMZB1519B	00191	Jun. 11, 2024
Broadband Antenna	Schwarzbeck	VULB9163	340	Jul. 05, 2024
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Jul. 05, 2024
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Apr. 10, 2023
Antenna Mast	Keleto	RE-AM	1	
Coaxial cable	SKET	RC-18G-N-M	1	Feb. 24, 2024
Coaxial cable	SKET	RC_40G-K-M	1	Feb. 24, 2024
EMI Test Software	Shurple Technology	EZ-EMC	Res la construction de la constr	, «

Page 22 of 81

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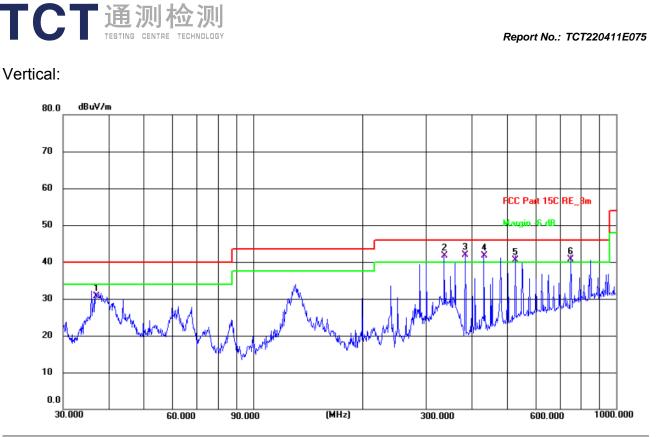
5.7.3. Test Data



		ie onambe	•			11201110				
Limit:	FCC Part 150	CRE_3m		Power	r: AC 120					
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark	
1 !	65.1144	22.74	11.54	34.28	40.00	-5.72	QP	Р		
2 !	287.9904	28.38	13.25	41.63	46.00	-4.37	QP	Р		
3!	300.3672	29.05	13.52	42.57	46.00	-3.43	QP	Р		
4 !	336.0351	27.17	14.42	41.59	46.00	-4.41	QP	Р		
5 !	432.5456	25.08	16.85	41.93	46.00	-4.07	QP	Р		
6 *	528.2458	23.56	19.15	42.71	46.00	-3.29	QP	Р		
									-	

Page 23 of 81

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Site #	1 3m Anecho	ic Chambe	r	Polariz	ation: Ve	ertical		-	Temperature: 27.2(C)	Humidity: 51 %
Limit: FCC Part 15C RE_3m Power: AC 120 V/60 Hz										
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark	
1	36.8953	17.27	13.41	30.68	40.00	-9.32	QP	Р		
2 !	336.0351	27.36	14.42	41.78	46.00	-4.22	QP	Р		
3 *	383.9318	26.28	15.64	41.92	46.00	-4.08	QP	Ρ		
4 !	432.5456	24.83	16.85	41.68	46.00	-4.32	QP	Р		
5!	528.2458	21.44	19.15	40.59	46.00	-5.41	QP	Р		
6 !	750.1082	18.06	22.67	40.73	46.00	-5.27	QP	Р		

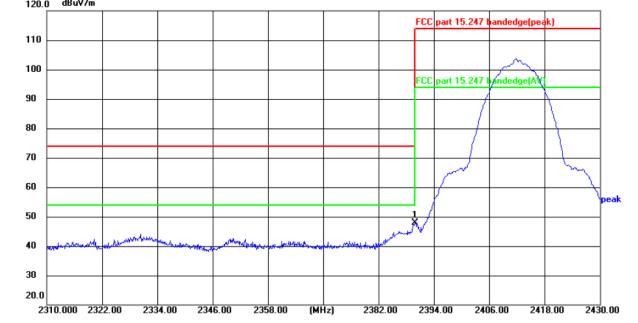
Note: 1. The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported

- 2. Measurements were conducted in all three channels (high, middle, low) and all modulation(802.11b, 802.11g, 802.11n(HT20), 802.11n(HT40)), and the worst case Mode (Middle channel and 802.11b) was submitted only.
- 3. Freq. = Emission frequency in MHz
- Measurement $(dB\mu V/m) = Reading \ level \ (dB\mu V) + Corr. \ Factor \ (dB)$
- Correction Factor= Antenna Factor + Cable loss Pre-amplifier
- Limit $(dB\mu V/m) = Limit$ stated in standard
- $Margin (dB) = Measurement (dB\mu V/m) Limits (dB\mu V/m)$
- * is meaning the worst frequency has been tested in the test frequency range.

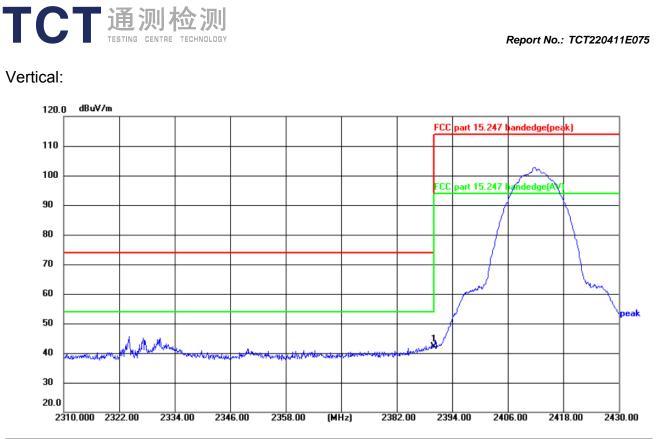


Test Result of Radiated Spurious at Band edges





Site			Polarization: Horizonta			ntal	Temperature: 24(°C)		
Limit:	FCC part 15.2	247 bandeo	dge(peak)		Power: AC 120 V/60 Hz			łz	Humidity: 52 %
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	2390.000	62.97	-15.13	47.84	74.00	-26.16	peak	Ρ	

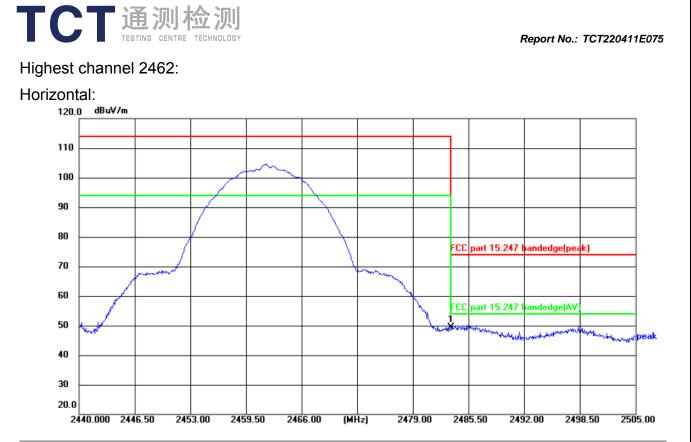


Site					Polarization: Vertical				Temperature: 24(°C)		
Limit: I	FCC part 15.2	47 banded	dge(peak)		Power: AC 120 V/60 Hz			Ηz	Humidity: 52 %		
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F	Remark		
1 *	2390.000	57.30	-15.13	42.17	74.00	-31.83	peak	Ρ			

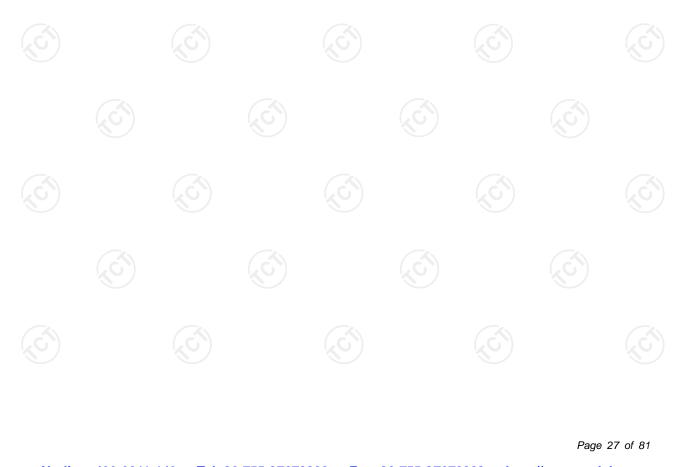
Note: Measurements were conducted in all two channels (high, low) and all modulation (802.11b, 802.11g, 802.11n(HT20), 802.11n(HT40)), and the worst case Mode 802.11b was submitted only.

Report No.: TCT220411E075

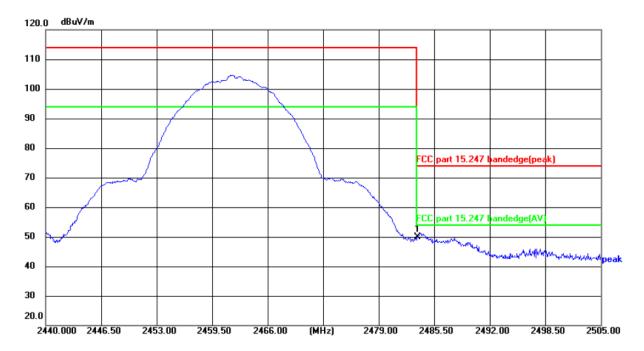
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Site					Polarization: Horizontal			ontal	Temperature: 24(°C)		
Limit:	FCC part 15.2	247 bande	dge(peak)		Power: AC 120 V/60 Hz			Hz	Humidity: 52 %		
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F	Remark		
1 *	2483.500	64.44	-15.03	49.41	74.00	-24.59	peak	Ρ			



Vertical:



Report No.: TCT220411E075

Site					Polari	zation:	Vertic	Temperature: 24(°C)		
Limit: FCC part 15.247 bandedge(peak) Power: AC 120 V/60 Hz Humidity: 52 %										
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark	
1 *	2483.500	64.92	-15.03	49.89	74.00	-24.11	peak	Ρ		

Note:

- 1. Peak Final Emission Level=Peak Reading + Correction Factor;
- 2. Correction Factor= Antenna Factor + Cable loss Pre-amplifier
- 3. Measurements were conducted in all modulation(802.11b, 802.11g, 802.11n(HT20), 802.11n(HT40)), and the worst case Mode 802.11b was submitted only.



Above 1GHz Modulation Type: 802.11b

			L	ow channe	I: 2412 MH	Z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4824	Н	45.54		0.75	46.29		74	54	-7.71
7236	Н	34.39		9.87	44.26		74	54	-9.74
	Н								
4824	V	44.46	6	0.75	45.21		74	54	-8.79
7236	V	34.58		9.87	44.45	G`)	74	54	-9.55
	V								

	Middle channel: 2437 MHz											
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)			
4874	Н	44.37		0.97	45.34		74	54	-8.66			
7311	Н	34.86		9.83	44.69		74	54	-9.31			
	H				(
			KO.)	X	9						
4874	V	45.76		0.97	46.73		74	54	-7.27			
7311	V	36.41		9.83	46.24		74	54	-7.76			
	V											

	High channel: 2462 MHz												
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissio Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)				
4924	H	44.48		1.18	45.66		74	54	-8.34				
7386	H	34.67		10.07	44.74		74	54	-9.26				
	Н					-							
4924	V	44.95		1.18	46.13		74	54	-7.87				
7386	V	34.81		10.07	44.88		74	54	-9.12				
	V	Ą		-	ン								

Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dBµV/m)-Average limit (dBµV/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB

below the limits or the field strength is too small to be measured.

6. All the restriction bands are compliance with the limit of 15.209.

	TESTI	NG CENTRE TEC					Rep	ort No.: TCT2	20411E075
			Μ	odulation T	ype: 802.1 ²	lg			
			L	ow channe	I: 2412 MH	Z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4824	Н	45.44		0.75	46.19		74	54	-7.81
7236	Н	35.89		9.87	45.76		74	54	-8.24
	Н			()	· · · ·		<u> </u>		E.
4824	V	47.24		0.75	47.99		74	54	-6.01
7236	V	37.05	()	9.87	46.92		74	54	-7.08
	V			•)		G`)		(, G)	
		-					•		

			Mi	ddle chann	el: 2437 Mł	Ηz			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4874	Н	46.28		0.97	47.25		74	54	-6.75
7311	Н	36.74		9.83	46.57		74	54	-7.43
	Н								
				2	(
4874	V	45.16	<u> </u>	0.97	46.13		74	54	-7.87
7311	V	35.95		9.83	45.78		74	54	-8.22
	V								

(\mathbf{c})			h H	ligh channe	el: 2462 MH	Z	(\mathbf{c})		(c)
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4924	H	45.14		1.18	46.32		74	54	-7.68
7386	H	35.08		10.07	45.15		74	54	-8.85
	H			/	\	<u> </u>		· · · ·	
4924	V	46.01		1.18	47.19		74	54	-6.81
7386	V	34.56		10.07	44.63		74	54	-9.37
(\mathbf{G})	V	 C`		(, (5)		<u>, G+</u>		

Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dB μ V/m)-Average limit (dB μ V/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

6. All the restriction bands are compliance with the limit of 15.209.

○Т 通测检测

	TESTI	NG CENTRE TEC	4 · · · ·				Repo	ort No.: TCT2	20411E075
			Modu	lation Type:	: 802.11n (l	HT20)			
			L	ow channe	I: 2412 MH	z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4824	Н	46.49		0.75	47.24		74	54	-6.76
7236	Н	36.37		9.87	46.24		74	54	-7.76
· · · · · ·	Н			0)		<u> </u>		
4824	V	46.56		0.75	47.31		74	54	-6.69
7236	V	36.01	()	9.87	45.88		74	54	-8.12
	V		{20	°)	(G`)		(\mathcal{G}^{-})	
							•		

			Mi	ddle chann	el: 2437 MI	Ηz			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4874	Н	45.58		0.97	46.55		74	54	-7.45
7311	Н	34.91		9.83	44.74		74	54	-9.26
	Н								
				2	(
4874	V	45.32	<u> </u>	0.97	46.29	0)	74	54	-7.71
7311	V	35.45		9.83	45.28		74	54	-8.72
	V								

(c)		(6)	F	ligh channe	el: 2462 MH	z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4924	H	47.51		1.18	48.69		74	54	-5.31
7386	H	37.64		10.07	47.71	<u></u>	74	54	-6.29
	Ĥ			/		· · · · ·			
4924	V	45.37		1.18	46.55		74	54	-7.45
7386	V	34.64		10.07	44.71		74	54	-9.29
(\mathbf{F})	V	(J . t		(, (5)		$\mathcal{S}^{\rightarrow}$		(
- 11 - 1									

Note:

TCT通测检测

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dB μ V/m)-Average limit (dB μ V/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

6. All the restriction bands are compliance with the limit of 15.209.

	TESTI	NG CENTRE TEC	1. 1				Repo	ort No.: TCT2	20411E075
			Modu	lation Type:	: 802.11n (H	HT40)			
			L	ow channe	I: 2422 MH	Z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4844	Н	45.22		0.75	45.97		74	54	-8.03
7266	Н	34.78		9.87	44.65		74	54	-9.35
	Н			()) 		<u> </u>		
4824	V	44.53		0.75	45.28		74	54	-8.72
7236	V	34.76		9.87	44.63	~~	74	54	-9.37
	V		(2G)	(*	G`)		$(\mathcal{L}G^{-})$	
							•		

			Mi	ddle chann	el: 2437 Mł	Ηz			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4874	Н	45.36		0.97	46.33		74	54	-7.67
7311	Н	35.29		9.83	45.12		74	54	-8.88
	Н								
				2	(
4874	V	46.71	<u> </u>	0.97	47.68		74	54	-6.32
7311	V	37.55		9.83	47.38		74	54	-6.62
	V								

(\mathbf{c})		(a)	F	ligh channe	el: 2452 MH	Z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4904	H	46.77		1.18	47.95		74	54	-6.05
7356	H	36.50		10.07	46.57	<u></u>	74	54	-7.43
	H			/		<u> </u>			
4904	V	45.14		1.18	46.32		74	54	-7.68
7356	v	35.26		10.07	45.33		74	54	-8.67
	V	(J . C)		(<u> </u>		

Note:

TCT通测检测

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dB μ V/m)-Average limit (dB μ V/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

6. All the restriction bands are compliance with the limit of 15.209.

Appendix A: Test Result of Conducted Test

		Duty Cycle	
Condition	Mode	Frequency (MHz)	Duty Cycle (%)
NVNT	b	2412	100
NVNT	b	2437	100
NVNT	b	2462	100
NVNT	g	2412	100
NVNT	g	2437	100
NVNT	g	2462	100
NVNT	n20	2412	100
NVNT	n20	2437	100
NVNT	n20	2462	100
NVNT	n40	2422	100
NVNT	n40	2437	100
NVNT	n40	2452	100

Page 33 of 81

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Agilent Spectrum Analyzer - Swept		Test Graphs NVNT b 2412M	IHz Ant1		
Center Freq 2.412000	AC SI 000 GHz PN0: Fast ↔	. Trig: Free Run	AVITO Avg Type: Log-Pwr	10:40:03 PM Nov 03, 2022 TRACE 1 2 3 4 5 6 TYPE WWWWWWW DET P N N N N N	
Ref Offset 7.32		#Atten: 30 dB		Mkr1 50.00 ms 8.12 dBm	
10 dB/div Ref 20.00 dB Log 10.0		<u>♦1</u>			
-10.0					
-20.0					
-40.0					
-60.0					
Center 2.412000000 GH Res BW 8.0 MHz		W 8.0 MHz	Sween 1	Span 0 Hz 00.0 ms (10001 pts)	
MKR MODE TRC SCL	X Y				
7 8 9 10 11 			STATUS	×	
	Duty Cycle	NVNT b 2437M	Hz Ant1		
Agilent Spectrum Analyzer - Swept	AC SI		AVIG VICE AVIG Type: Log-Pwr	06:43:47 PM Nov 03, 2022 TRACE 123456 TYPE WWWWWW	
	PNO: Fast ↔ IFGain:Low	, Trig: Free Run #Atten: 30 dB		Mkr1 50.00 ms	
Ref Offset 7.4 d 10 dB/div Ref 20.00 dB	B m	6 1		9.21 dBm	
Log					
Log 10.0					
10.0					
10.0 0.00 -10.0					
10.0 0.00 -10.0 -20.0 -30.0					
10.0 0.00 -10.0 -20.0 -30.0 -40.0 -60.0 -70.0					
10.0 0.00 -10.0 -20.0 -30.0 -40.0 -60.0 -70.0 Center 2.437000000 GH Res BW 8.0 MHz	#VE	W 8.0 MHz		Span 0 Hz 00.0 ms (10001 pts)	
10.0 0.00 -10.0 -20.0 -30.0 -40.0 -60.0 -70.0 Center 2.437000000 GH Res BW 8.0 MHz MKR MODE TRC SCL 1 N 1 t	#VE × Y			Span 0 Hz 00.0 ms (10001 pts)	
10.0 0.00 -10.0 -20.0 -30.0 -30.0 -40.0 -60.0 -60.0 -70.0 Center 2.437000000 GH Res BW 8.0 MHz MKR MODE TRC: SCL 1 N 1 t	#VE × Y	FUNCTION FUNCTIO		00.0 ms (10001 pts)	

FCT通测检测 TESTING CENTRE TECHNOLOGY



Report No.: TCT220411E075

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

FCT通测检测 TESTING CENTRE TECHNOLOGY

Report No.: TCT220411E075

STATUS

Duty Cycle NVNT n40 2422MHz Ant1

IFGain:Low #Atten: 30 dB Def Law Ref Offset 7.34 dB Mkr1 50.00 -2.22 c 00 1 1 000 1	R	RF	lyzer - Swept SA 50 Ω AC .422000000) GHz	NO: Fast ↔		ree Run	ALIGN AUTO Avg T	ype: Log-Pwr	Т	3 PM Nov 03, 2 RACE 1 2 3 4 TYPE W
100 1		Ref Ref	Offset 7.34 dB 20.00 dBm			#Atten	: 30 dB			Mkr1 -2	50.00 n 2.22 dB
0.00 Image: state of the	10.0						1				
200 2							_Y _				
400											
State Image: S											
S00											
KRI MODE TC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 1 1 50.00 ms -2.22 dBm - - - 3 - - - - - - 4 - - - - - - 5 - - - - - - 6 - - - - - - 7 - - - - - - 9 - - - - - - 1 - - - - - -											
Average BW 8.0 MHz #VBW 8.0 MHz Sweep 100.0 ms (1000' IKR N 1 t 50.00 ms -2.22 dBm Punction FUNCTION WIDTH FUNCTION VALUE 1 N 1 t 50.00 ms -2.22 dBm Punction Punct	70.0										
1 N 1 t 50.00 ms -2.22 dBm 2					#VB	W 8.0 N	IHz		Sweep	100.0 ms	Span 0 (10001 p
	1 N 1		X	50.00 ms		dBm	FUNCTION	FUNCTION WIDTH	F	UNCTION VALUE	
5 6 6 6 7 6 8 6 9 6 9 6 1 6	3										
7 1 8 1 9 1 0 1 1 1	5										
	7 8										
	0										

Page 38 of 81

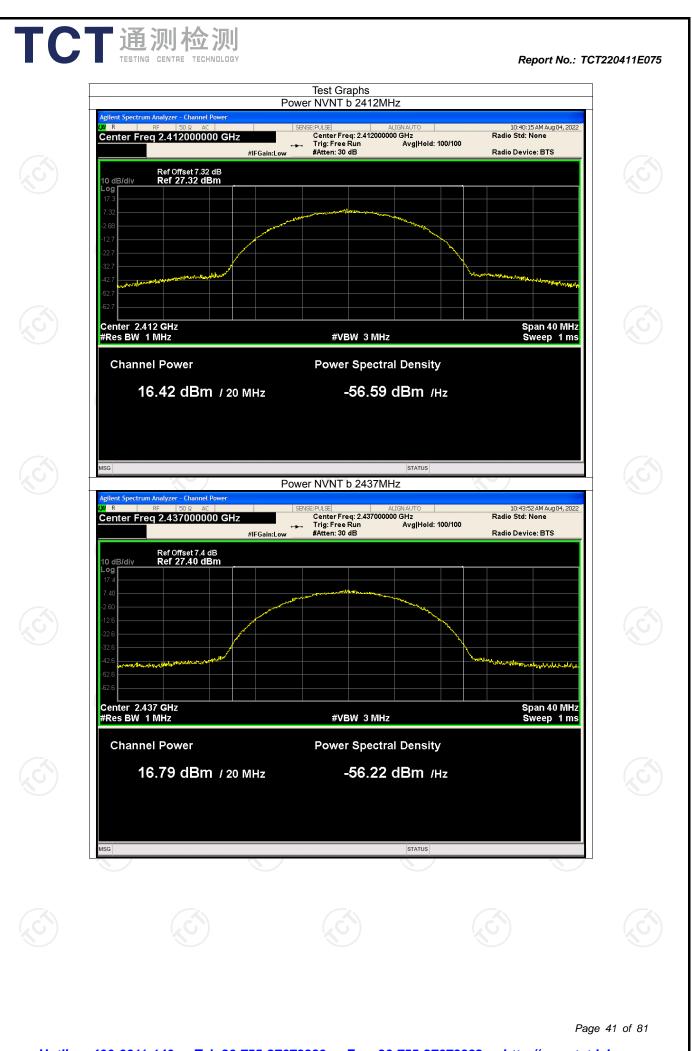
Report No.: TCT220411E075

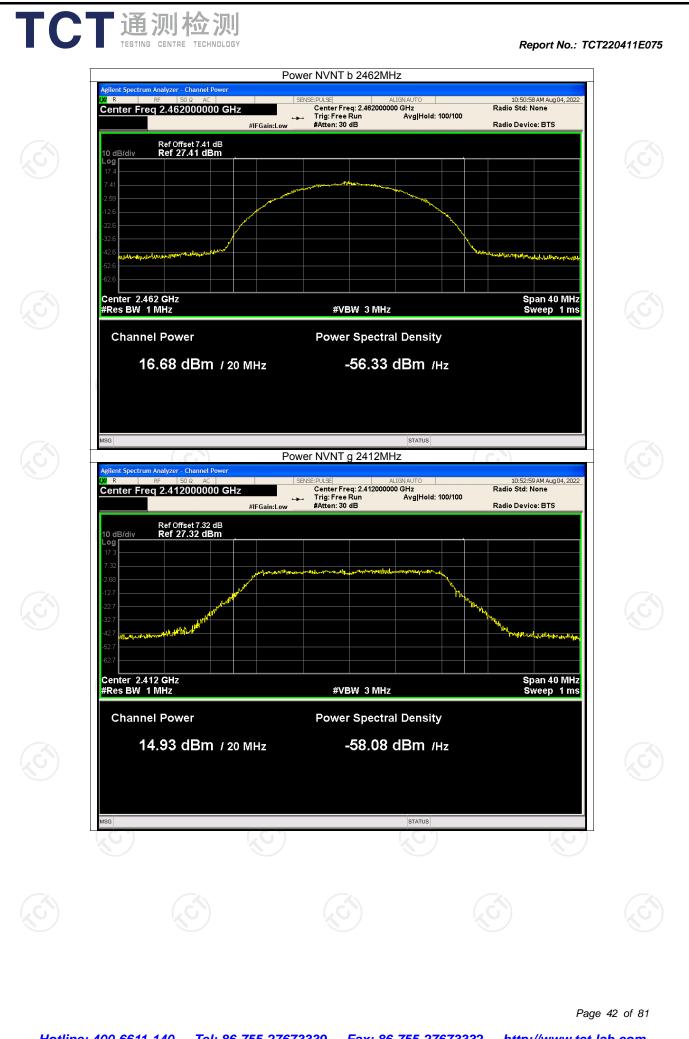


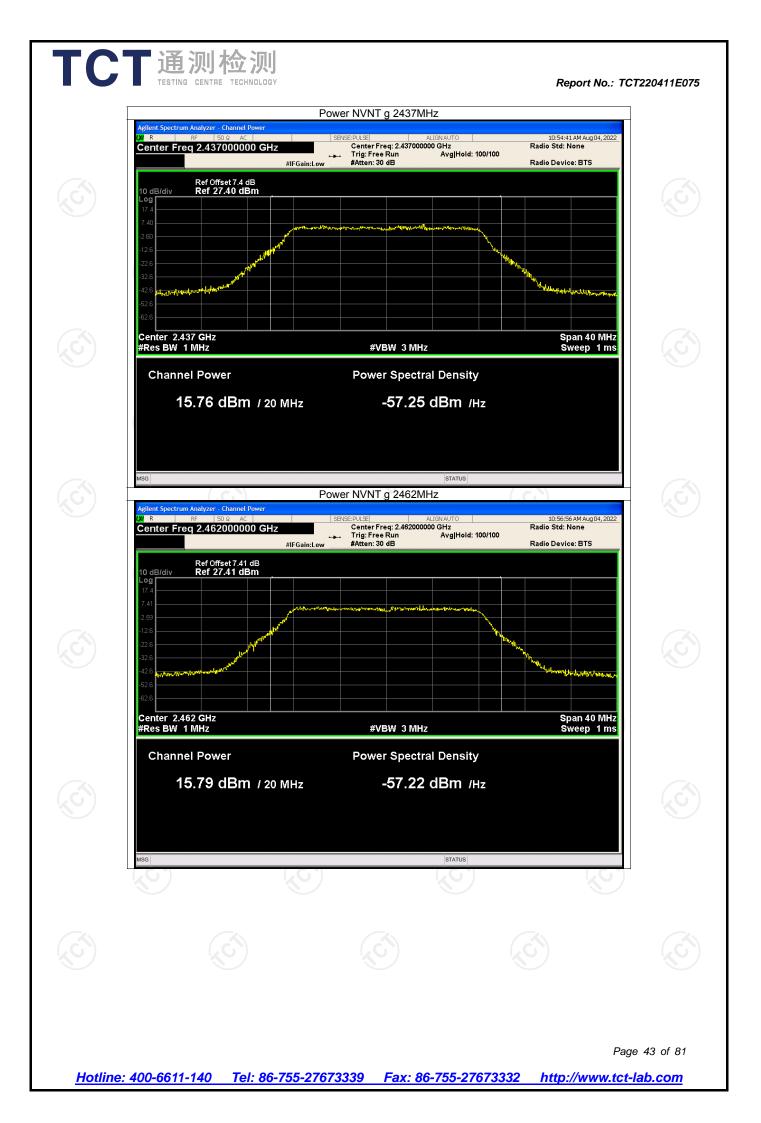
	IVIAAII		cted Output P		
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	16.42	30	Pass
NVNT	b	2437	16.79	30	Pass
NVNT	b	2462	16.68	30	Pass
NVNT	g	2412	14.93	30	Pass
NVNT	g	2437	15.76	30	Pass
NVNT	g	2462	15.79	30	Pass
NVNT	n20	2412	15.07	30	Pass
NVNT	n20	2437	15.68	30	Pass
NVNT	n20	2462	15.57	30	Pass
NVNT	n40	2422	15.11	30	Pass
NVNT	n40	2437	16.70	30	Pass
NVNT	n40	2452	15.94	30	Pass

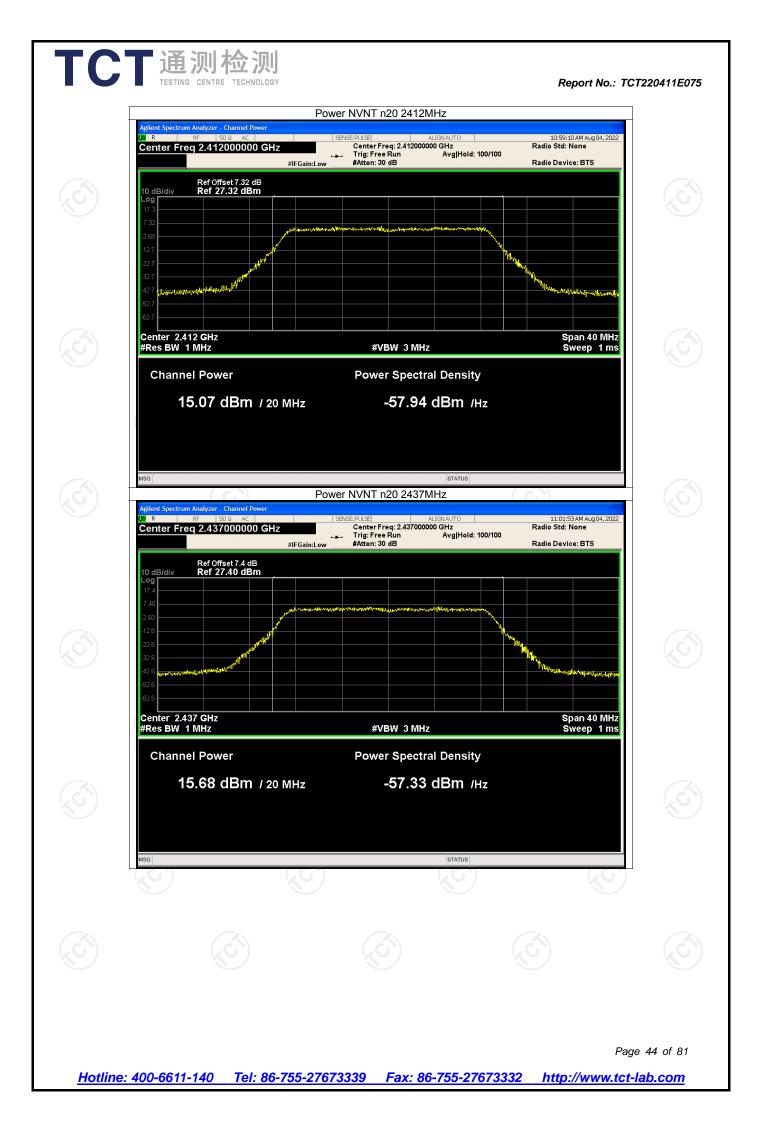
Maximum Conducted Output Power

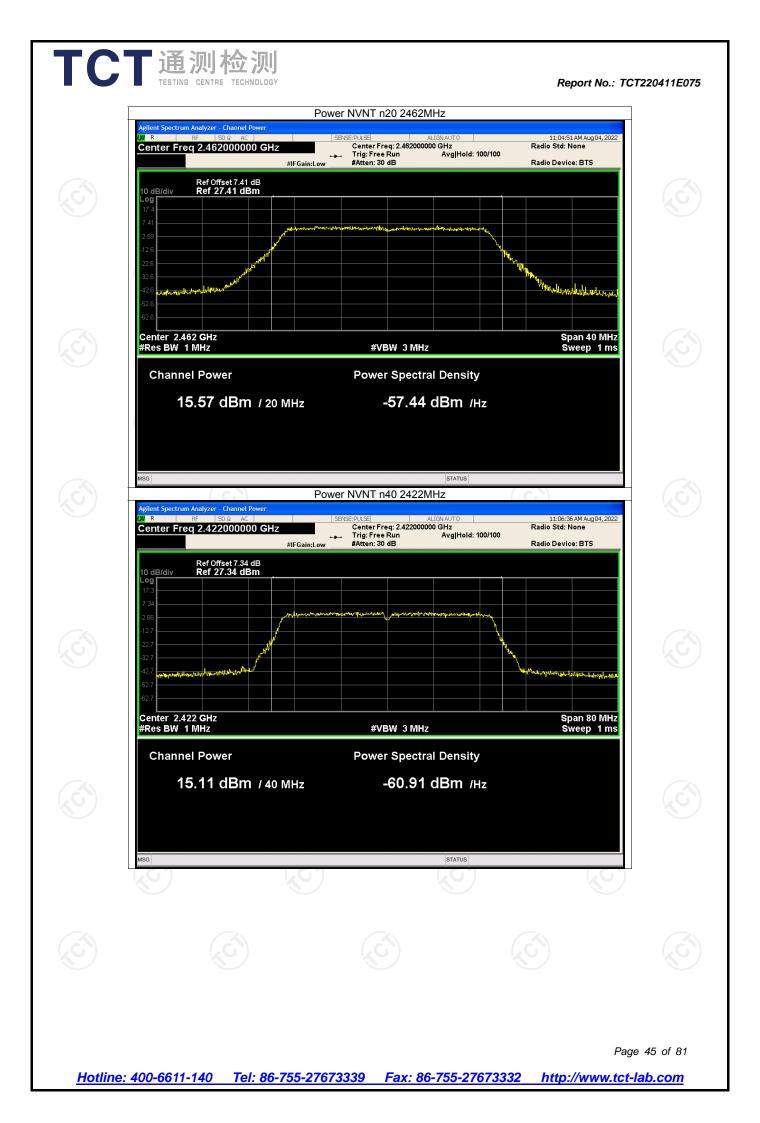


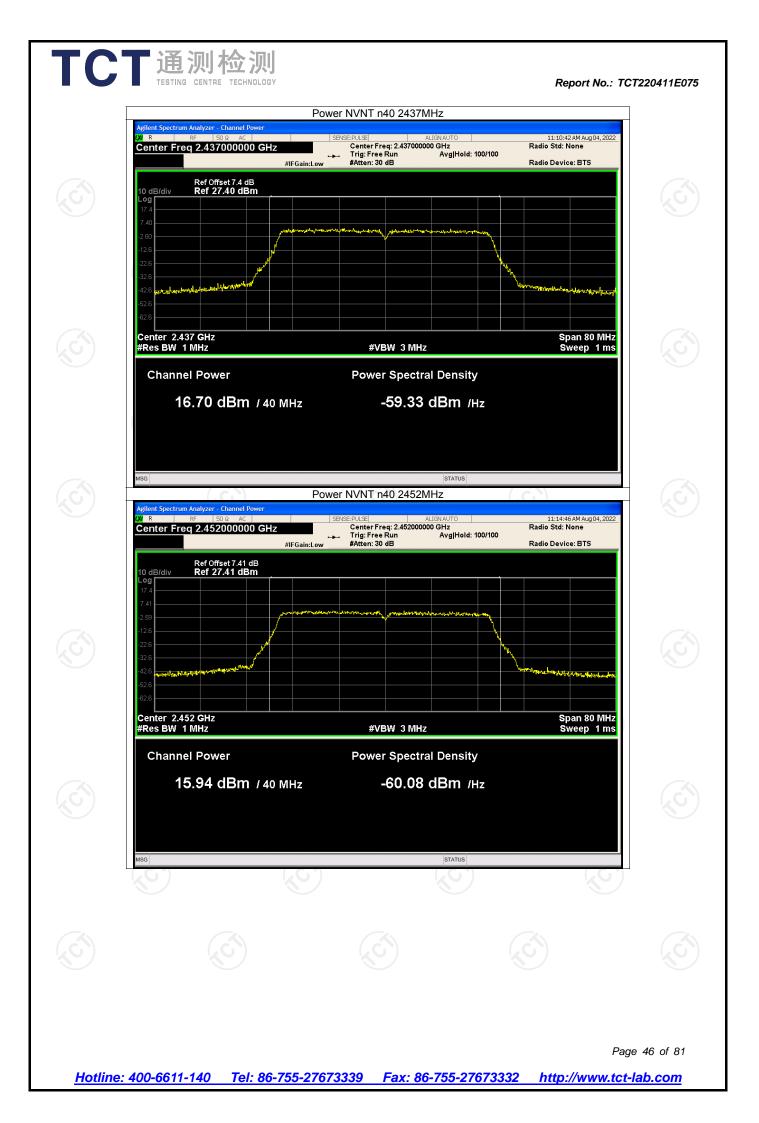








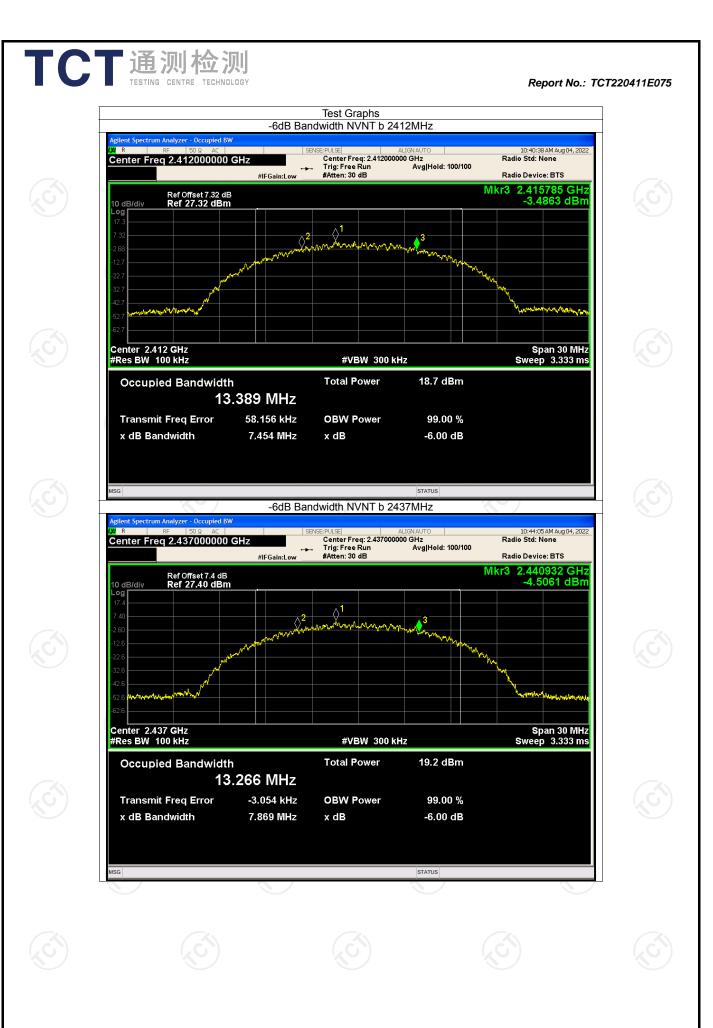




Report No.:	TCT220411E075
noport no	1012204112010

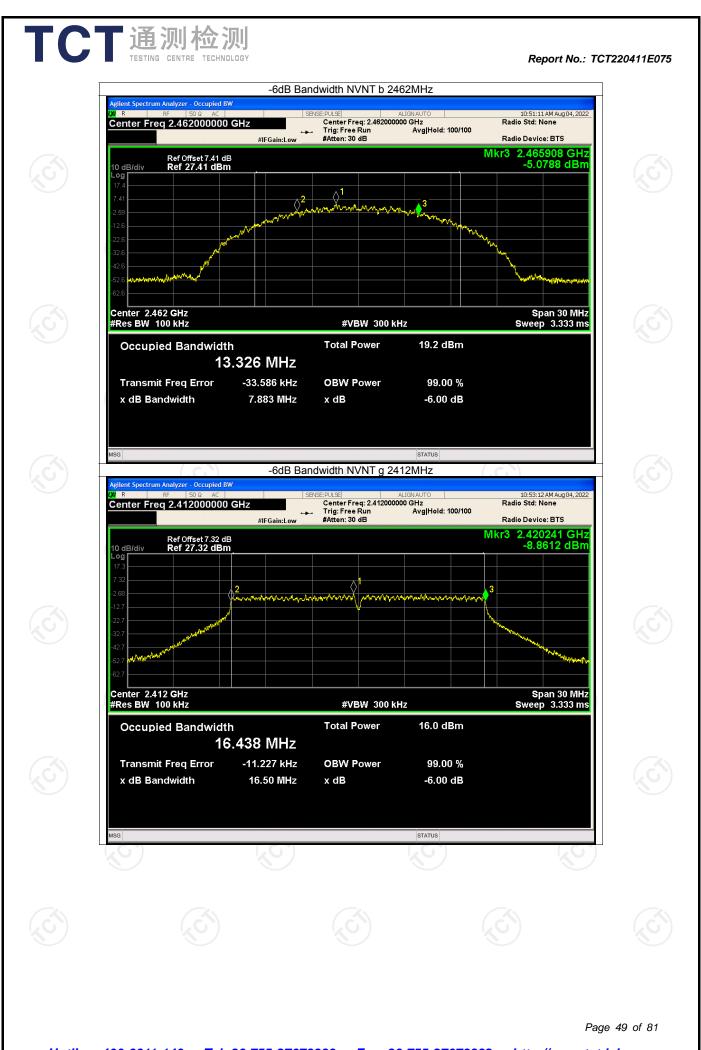
	-6dB Bandwidth								
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict				
NVNT	b	2412	7.454	0.5	Pass				
NVNT	b	2437	7.869	0.5	Pass				
NVNT	b	2462	7.883	0.5	Pass				
NVNT	g	2412	16.504	0.5	Pass				
NVNT	g	2437	16.506	0.5	Pass				
NVNT	g	2462	16.475	0.5	Pass				
NVNT	n20	2412	17.774	0.5	Pass				
NVNT	n20	2437	17.767	0.5	Pass				
NVNT	n20	2462	17.766	0.5	Pass				
NVNT	n40	2422	36.434	0.5	Pass				
NVNT	n40	2437	36.434	0.5	Pass				
NVNT	n40	2452	36.432	0.5	Pass				

TCT 通测检测 TESTING CENTRE TECHNOLOGY

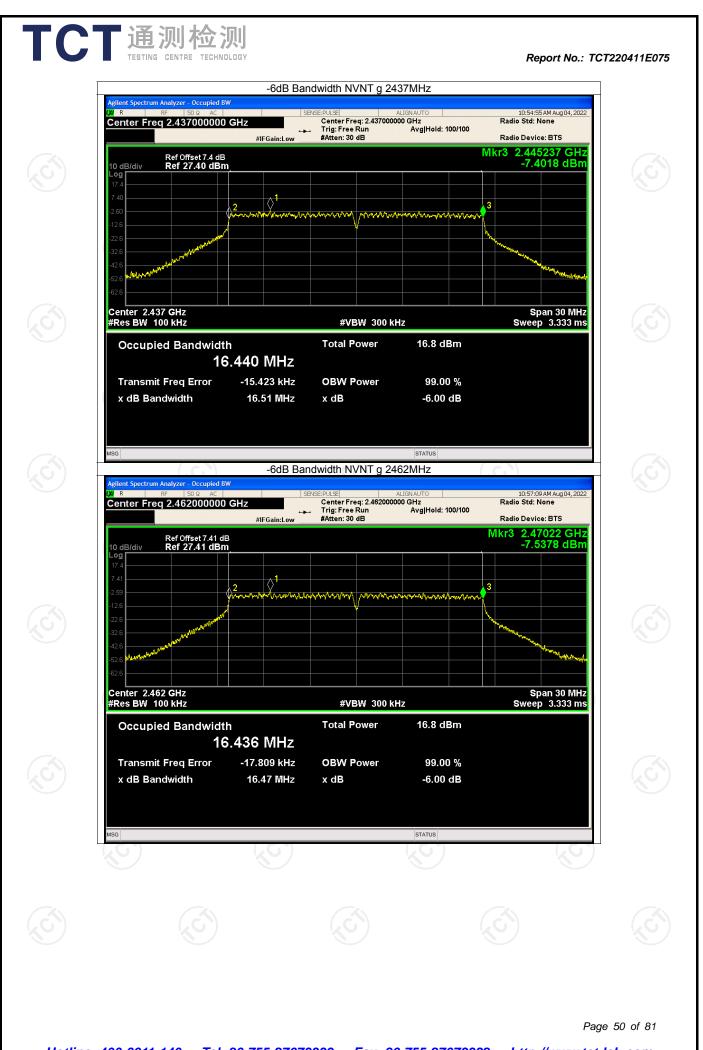


Page 48 of 81

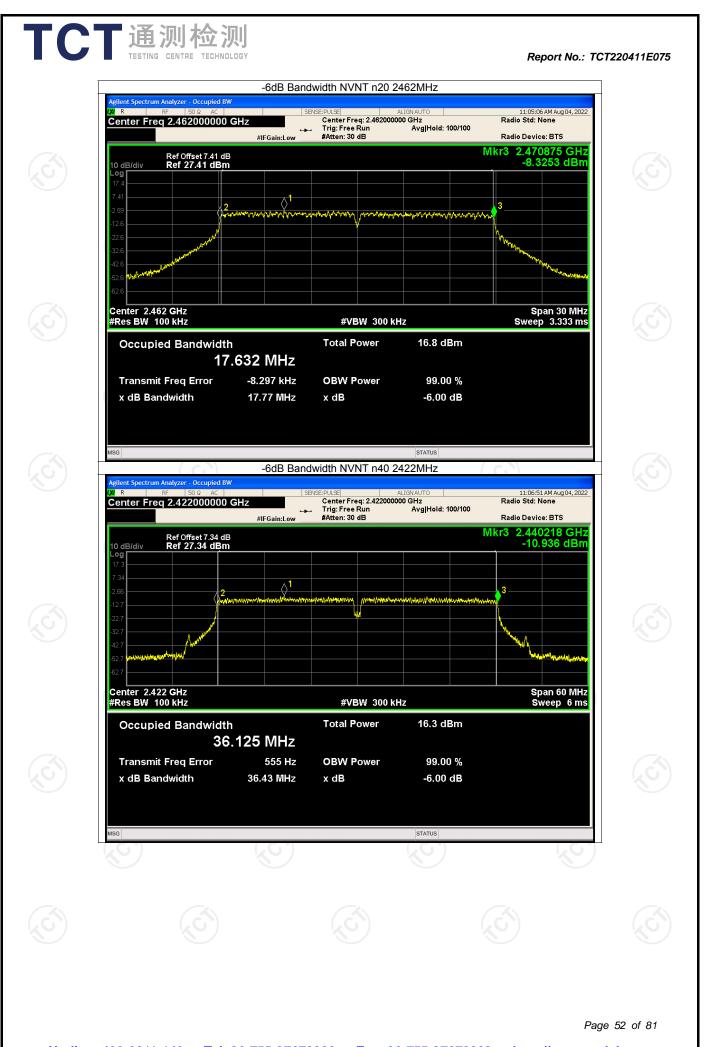
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

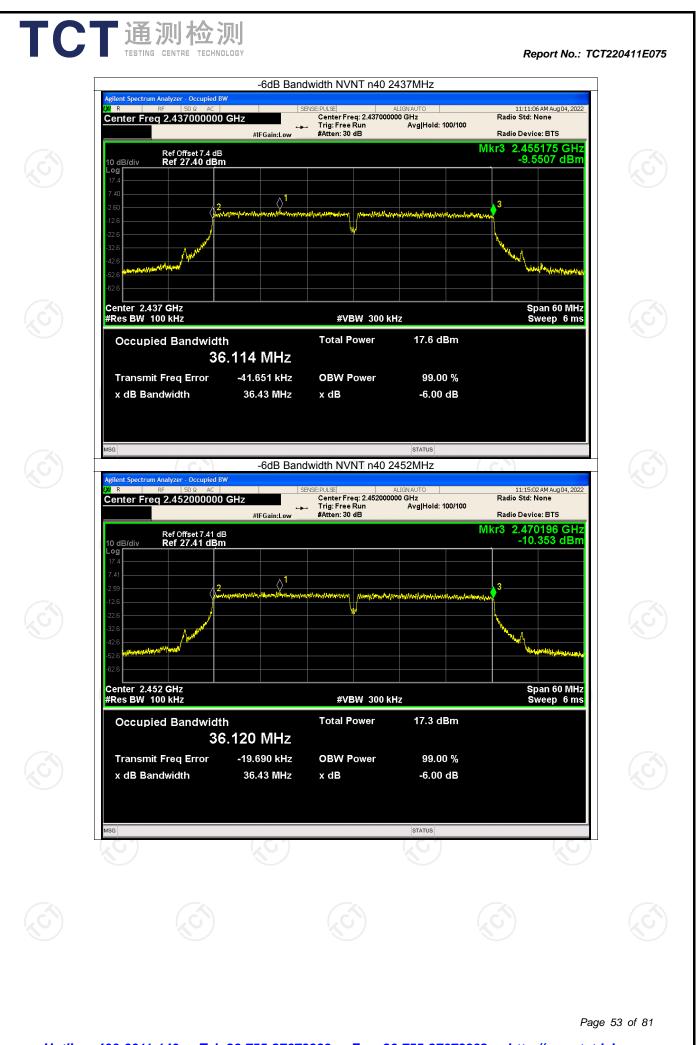


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	Spectrum Analyzer - Occupied BW		ndwidth NVNT n20 2	2412MHz]
LXI R	RF 50 Ω AC		Center Freq: 2.412000		10:59:25 AM Aug 04, 2022 Radio Std: None	
		⊶ #IFGain:Low	 Trig: Free Run #Atten: 30 dB 	Avg Hold: 100/100	Radio Device: BTS	
10 dE Log	Ref Offset 7.32 dB div Ref 27.32 dBm				Mkr3 2.420895 GHz -8.7998 dBm	(é
17.3						
-2.68	2	and a state of the	managery marine	mannan	33	
-12.7 - -22.7 -					han -	
-32.7 -42.7	and the second s				A Contraction of the Contraction	
-52.7	well be and a second				WWW how the first	
-62.7 - Cent	er 2.412 GHz				Span 30 MHz	
	BW 100 kHz		#VBW 300 k	Hz	Sweep 3.333 ms	
0	cupied Bandwidth	، .640 MHz	Total Power	16.4 dBm		
Tr	nsmit Freq Error	8.258 kHz	OBW Power	99.00 %		
	B Bandwidth	17.77 MHz	x dB	-6.00 dB		
MSG				STATUS		
Mod	(.G.)	-6dB Ban	ndwidth NVNT n20 2		(.c.)	
LXI R	Spectrum Analyzer - Occupied BW		SENSE:PULSE Center Freq: 2.437000	ALIGN AUTO	11:02:07 AM Aug 04, 2022 Radio Std: None	
Cen	er Freq 2.437000000		Trig: Free Run #Atten: 30 dB	Avg Hold: 100/100	Radio Device: BTS	
10 dE	Ref Offset 7.4 dB div Ref 27.40 dBm				Mkr3 2.445881 GHz -7.9864 dBm	
Log 17.4						
7.40 - -2.60 -	h2	11.00 mar 10000 00000	when making	many	3	
-12.6 -22.6						6
-32.6	And the second sec				- Andrew Marker	
-42.6 -52.6	Aughter all all and a second and a					
-62.6					Drop 20 Mile	
	er 2.437 GHz BW 100 kHz		#VBW 300 k	Hz	Span 30 MHz Sweep 3.333 ms	
0	cupied Bandwidth 17	، .639 MHz	Total Power	17.0 dBm		
Tr	nsmit Freq Error	-3.036 kHz	OBW Power	99.00 %		
×	B Bandwidth	17.77 MHz	x dB	-6.00 dB		
MSG				STATUS		
Ko Ko)	10		KU)	KC)	





Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/30kHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	-1.62	-11.62	8	Pass
NVNT	b	2437	-1.15	-11.15	8	Pass
NVNT	b	2462	-1.21	-11.21	8	Pass
NVNT	g	2412	-6.46	-16.46	8	Pass
NVNT	g	2437	-1.73	-11.73	8	Pass
NVNT	g	2462	-5.32	-15.32	8	Pass
NVNT	n20	2412	-6.73	-16.73	8	Pass
NVNT	n20	2437	-5.98	-15.98	8	Pass
NVNT	n20	2462	-6.30	-16.30	6 8	Pass
NVNT	n40	2422	-6.36	-16.36	8	Pass
NVNT	n40	2437	-4.80	-14.80	8	Pass
NVNT	_ n40	2452	-4.89	-14.89	8	Pass

Maximum Power Spectral Density Level

TCT通测检测 TESTING CENTRE TECHNOLOGY

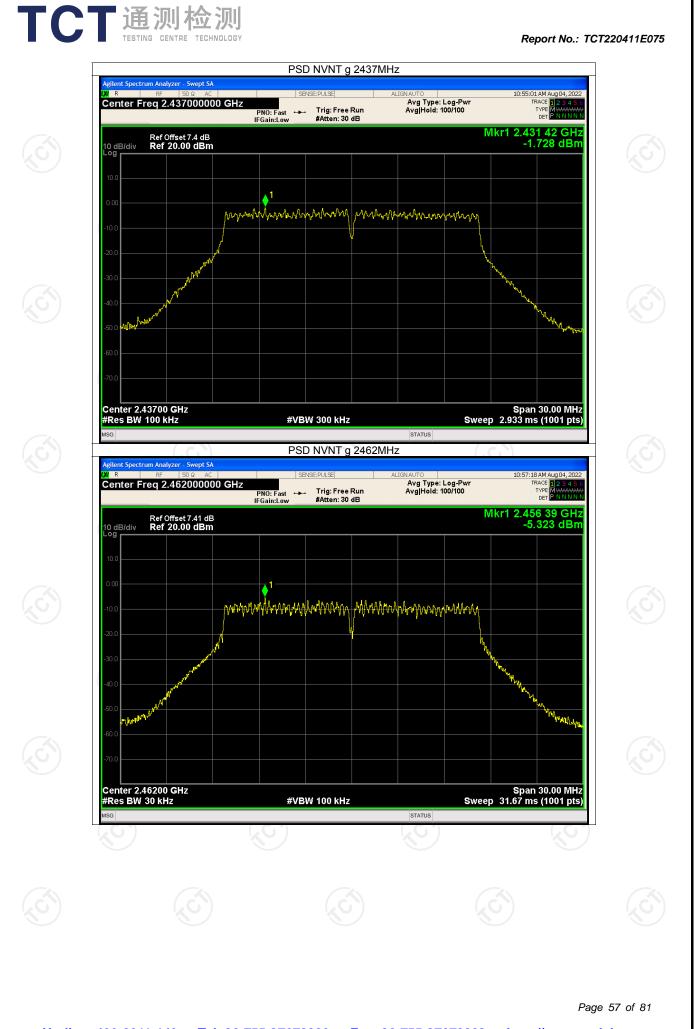
Note: Conducted PSD (dBm/3kHz) = Conducted PSD (dBm/30kHz) +10log(3kHz/30kHz)

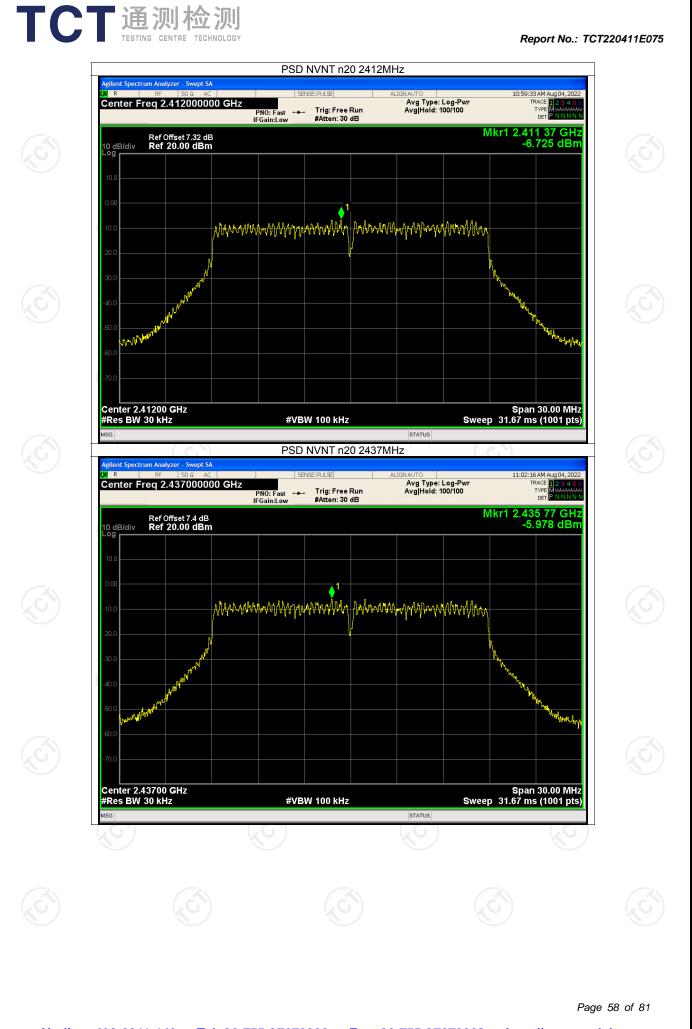


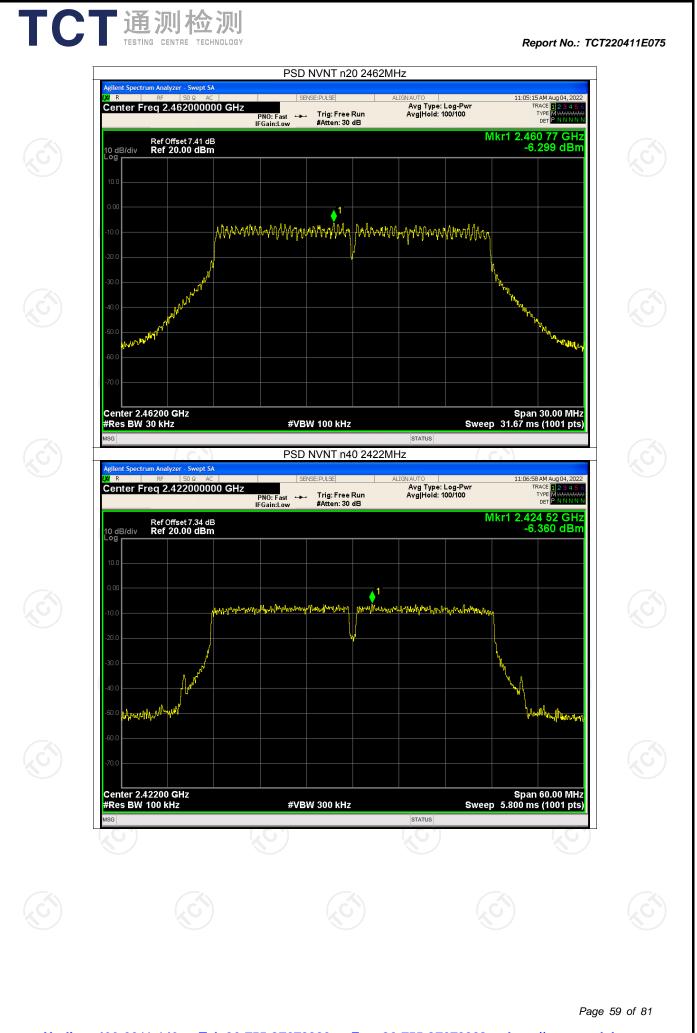


Page 55 of 81











	Band Edge							
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict			
NVNT	b	2412	-54.96	-20	Pass			
NVNT	b	2462	-55.42	-20	Pass			
NVNT	g	2412	-48.01	-20	Pass			
NVNT	g	2462	-49.75	-20	Pass			
NVNT	n40	2422	-43.75	-20	Pass			
NVNT	n40	2452	-45.08	-20	Pass			
	(^۲ و	(2G)	(2G)	$(\mathcal{A}\mathcal{G})$				

TCT 通测检测 TESTING CENTRE TECHNOLOGY





ГСТ	通测检测 TESTING CENTRE TECHNOLOGY	1		Report No.: TCT	220411E075
		Band Edge NVNT g 241	2MHz Ref		
LXI F	nt Spectrum Analyzer - Swept SA	SENSE:PULSE	ALIGNAUTO	10:53:25 AM Aug 04, 2022	
Cer	nter Freq 2.412000000 GHz	Z PNO: Fast ↔→ Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 123456 TYPE MWWWWW DET PNNNNN	
10 0	Ref Offset 10.52 dB B/div Ref 20.00 dBm		Mk	r1 2.406 42 GHz 0.370 dBm	
Log					
10.0		▲ ¹			
0.00	prov	white market was	www.www.www.		
-10.0	A				
-20.0	s reneration				
-30.0	www.			Nord Market and Market an	
-40.0	1 M ⁰ V.			why why was -	
-50.0	Matrix M ^{ar}			"Wywyry	
-60.0					
-70.0					
Cer	ter 2.41200 GHz			Span 30.00 MHz	
#Re	s BW 100 kHz	#VBW 300 kHz	Sweep 2	2.933 ms (1001 pts)	
	(.c.)	Band Edge NVNT g 2412M			
LXI F		SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr	10:53:28 AM Aug 04, 2022	
Cel	nter Freq 2.377000000 GHz	PNO: Fast ↔→ Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Hold: 100/100	TRACE 123456 TYPE MWWWWW DET PNNNNN	
10 c	Ref Offset 10.52 dB B/div Ref 20.00 dBm		MI	kr1 2.416 1 GHz 0.364 dBm	
Log 10.0				1	
0.00			put of the lifts	way marked and	
-20.0				-19.63 dBm	
-40.0					
-50.0 -60.0		hellen der franzen er ander	mynymaan halland an ar an		
-70.0					
#Re	rt 2.32700 GHz es BW 100 kHz	#VBW 300 kHz	Sweep S	Stop 2.42700 GHz).600 ms (1001 pts)	
мкв 1 2	MODE TRC SCL X N 1 f 2.416 1 N 1 f 2.400 0	Y FUNCTION GHz 0.364 dBm GHz -38.118 dBm	FUNCTION WIDTH FUNCT		
3 4 5	N 1 f 2.390 0 N 1 f 2.388 5	GHz -50.023 dBm			
6 7 8					
9 10 11					
MSG			STATUS		
) (((C)	(C)	(LO)	

TC	通测检测 TESTING CENTRE TECHNOLOGY			Report No.: TCT220411E075
		Band Edge NVNT g 2462M	Hz Ref	
	Agilent Spectrum Analyzer - Swept SA (X) R RF 50 Q AC Center Freq 2.462000000 GHz	SENSE:PULSE 0: Fast ↔ Trig: Free Run	ALIGNAUTO 10 Avg Type: Log-Pwr Avg Hold: 100/100	:57:23 AM Aug 04, 2022 TRACE 1023 4 5 6 TYPE M MAXAMMA DEF D NIN NIN
	Ref Offset 10.61 dB	ain:Low #Atten: 30 dB		.457 68 GHz 1.247 dBm
	10 dB/div Ref 20.00 dBm			
	0.00 00.0	Martin provide	northours	
	-10.0	Y		
	-20.0			
	-40.0			two with a
	-50.0			
	-70.0			
	Center 2.46200 GHz #Res BW 100 kHz	#VBW 300 kHz	Sween 2.03	pan 30.00 MHz 3 ms (1001 pts)
	MSG	nd Edge NVNT g 2462MHz	STATUS	
	Agilent Spectrum Analyzer - Swept SA (M R RF 50 Ω AC Center Freq 2.497000000 GHz	SENSE:PULSE	ALIGNAUTO 10 Avg Type: Log-Pwr	:57:26 AM Aug04, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWWW
	PN	0: Fast 🛶 Trig: Free Run ain:Low #Atten: 30 dB	Avg Hold: 100/100 Mkr1	2.456 4 GHZ
	10 dB/div Ref 20.00 dBm			1.615 dBm
	0.00 portal statistic petratory petratory			-18.75 dBm
	-30.0	Manual 4 11 41 41 41 41 41 41 41 41 41 41 41 4		
	-50.0	Marine Marine and Marine Ma	der hen verkenzen der beiten einen einen einen der beiten ste	nanditi nayangkat yaka natiwat nati
	70.0 Start 2.44700 GHz #Res BW 100 KHz	#VBW 300 kHz		p 2.54700 GHz 9 ms (1001 pts)
	MKR MODE TRC SCL × 1 N 1 f 2.456 4 GHz 2 N 1 f 2.493 5 GHz			
	3 1 f 2.500 0 GHz 4 N 1 f 2.483 7 GHz 5 6 6 6	-49.705 dBm -48.504 dBm		
	7 8 9 9 10			
	MSG		STATUS	
	K.		NO NO	NO IN
				Page 65 of 81

тст	通测检测			Report No.: TCT220411E	075
	ilent Spectrum Analyzer - Swept SA	and Edge NVNT n40 2422N			
		SENSE:PULSE / NO: Fast Trig: Free Run Gain:Low #Atten: 30 dB	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100	11:07:04 AM Aug 04, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWWWW DET P NNNNN	
	Ref Offset 10.54 dB dB/div Ref 20.00 dBm		Mkr1	2.426 08 GHz -2.968 dBm	
-10	00	hourse future to a second seco			
-40	muli Angerant			W Contraction of the contraction	
-60	0				
#F	enter 2.42200 GHz Res BW 100 kHz	#VBW 300 kHz	Sweep 5.8	Span 60.00 MHz 00 ms (1001 pts)	
MSC	Ban	d Edge NVNT n40 2422MH	status z Emission		
IX1	ilent Spectrum Analyzer - Swept SA R RF 50 Ω AC enter Freq 2.402000000 GHz	10: Fast 🛶 Trig: Free Run	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100	11:07:07 AM Aug04, 2022 TRACE 12 3 4 5 6 TYPE MWWWWW DET P NNNN N	
1 0 -11 -2 -3 -3 -4 -4 -5	Ref Offset 10.54 dB 0 dB/div Ref 20.00 dBm 0 dB/div Ref 20.00 dBm	Annie w #Atten: 30 dB	1	1 2.426 0 GHz -2.971 dBm	
-7. St #1	0.0 ctart 2.35200 GHz Res BW 100 kHz KR MODEI TRC, SCL X		SI Sweep 9.60	top 2.45200 GHz 00 ms (1001 pts)	
Ś		-2.971 dBm -34.305 dBm -47.692 dBm -46.729 dBm			
MS		9	STATUS		
				Page 66 of 81	1

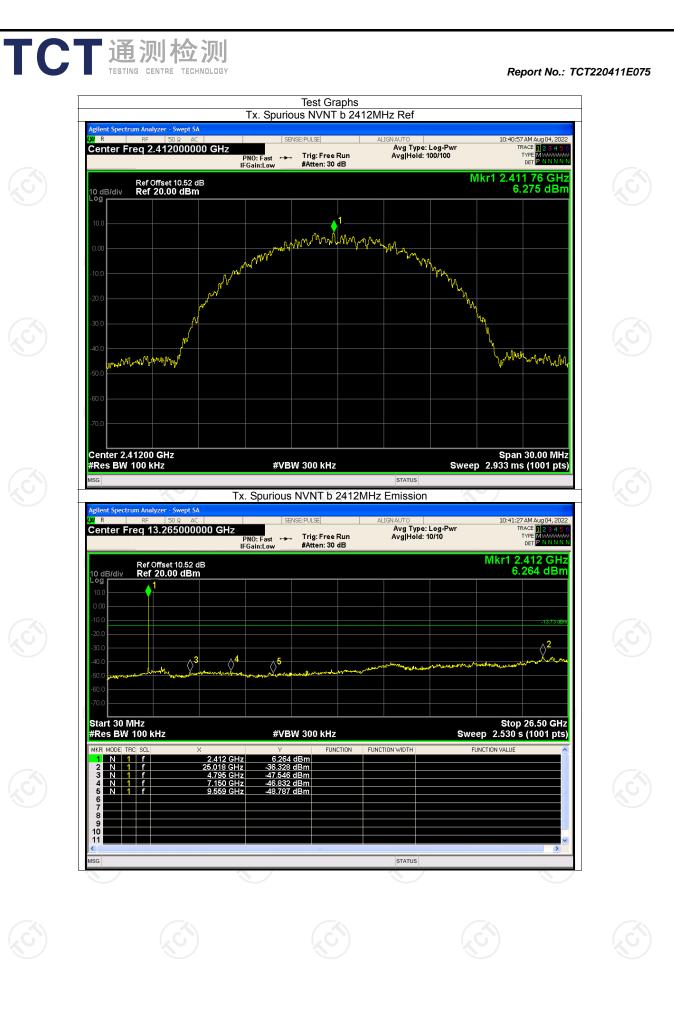
TC	通测检测 TESTING CENTRE TECHNOLOGY	1		Report No.: TCT	220411E075
I		Band Edge NVNT n40 24	52MHz Ref		
+	Agilent Spectrum Analyzer - Swept SA μxi R RF 50 Ω AC	SENSE:PULSE	ALIGNAUTO	11:15:16 AM Aug 04, 2022	
	Center Freq 2.452000000 GHz	Z PNO: Fast ↔→→ Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 123456 TYPE MWWWWW DET P N N N N N	
	Ref Offset 10.61 dB 10 dB/div Ref 20.00 dBm	IFGain:Low #Atten: 30 dB	Mk	r1 2.442 46 GHz	
$\langle \mathcal{G} \rangle$	10 dB/div Ref 20.00 dBm			-1.769 dBm	
	10.0				
	0.00	1			
	-10.0	n all an flydd lllan an a	งทั้งไขารให้ของให้เของไม่ไห้งารระบารให้เขียงระบาง 		
	-20.0				
	-30.0		\	h	
	-40.0			\sim	
	-50.0			have below was and bala	
	-60.0				
	-70.0				
	Center 2.45200 GHz			Span 60.00 MHz	
	#Res BW 100 kHz	#VBW 300 kHz	Sweep	5.800 ms (1001 pts)	
(\mathcal{C})	Agilent Spectrum Analyzer - Swept SA	Band Edge NVNT n40 2452	MHz Emission		
	Agnent Spectrum Analyzer - Swept SA (X) R RF 50 Ω AC Center Freq 2.472000000 GHz	SENSE:PULSE	ALIGN AUTO Avg Type: Log-Pwr	11:15:18 AM Aug 04, 2022 TRACE 1 2 3 4 5 6	
		PNO: Fast ↔ Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N	
	Ref Offset 10.61 dB 10 dB/div Ref 20.00 dBm		M	kr1 2.442 5 GHz -1.574 dBm	
	10.0				
	0.00 -10.0	Annand prostationanteration and an and an			
	-20.0			-21.77 dBm	
	-40.0		Martin Samuel and a star		
	-50.0			Acontes and a second	
	-70.0				
	Start 2.42200 GHz #Res BW 100 kHz	#VBW 300 kHz	Sweep	Stop 2.52200 GHz 9.600 ms (1001 pts)	
	MKR MODE TRC SCL X 1 N 1 f 2.4425 2 N 1 f 2.4425	Y FUNCTION	FUNCTION WIDTH FUNC		
	3 N 1 f 2.500 0 4 N 1 f 2.484 0	GHz -50.225 dBm			
(\mathbf{x})	5 6 7				
	8 9 10				
			· · · ·	>	
	MSG	(,G))	STATUS	(LGT)	
				-	
				Page	67 of 81

TCT 通测检测 TESTING CENTRE TECHNOLOGY

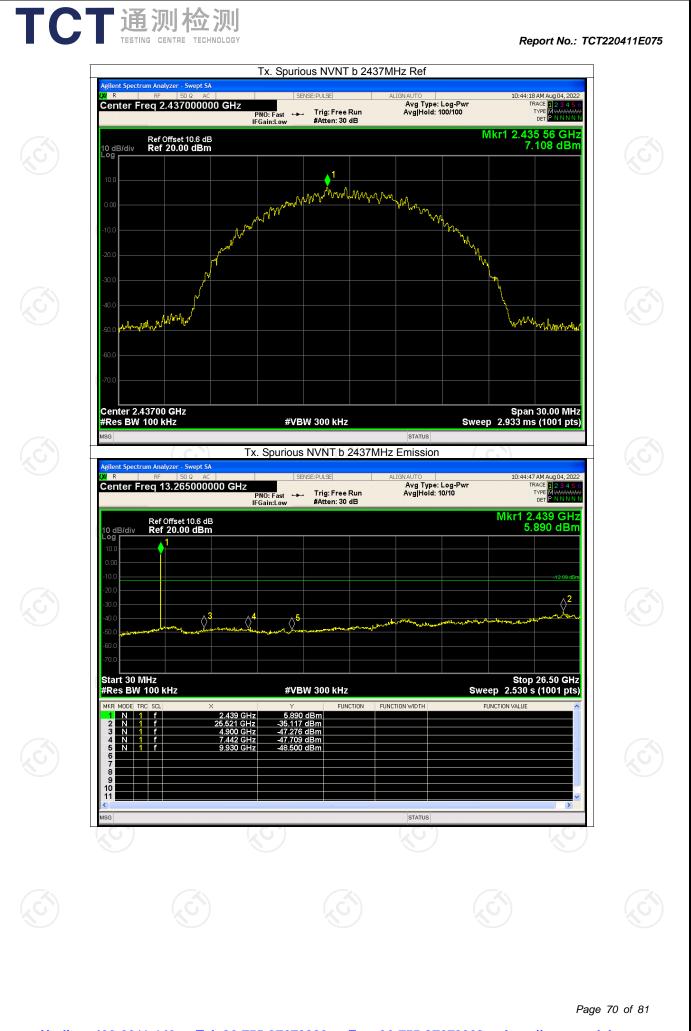
Conducted RF Spurious Emission

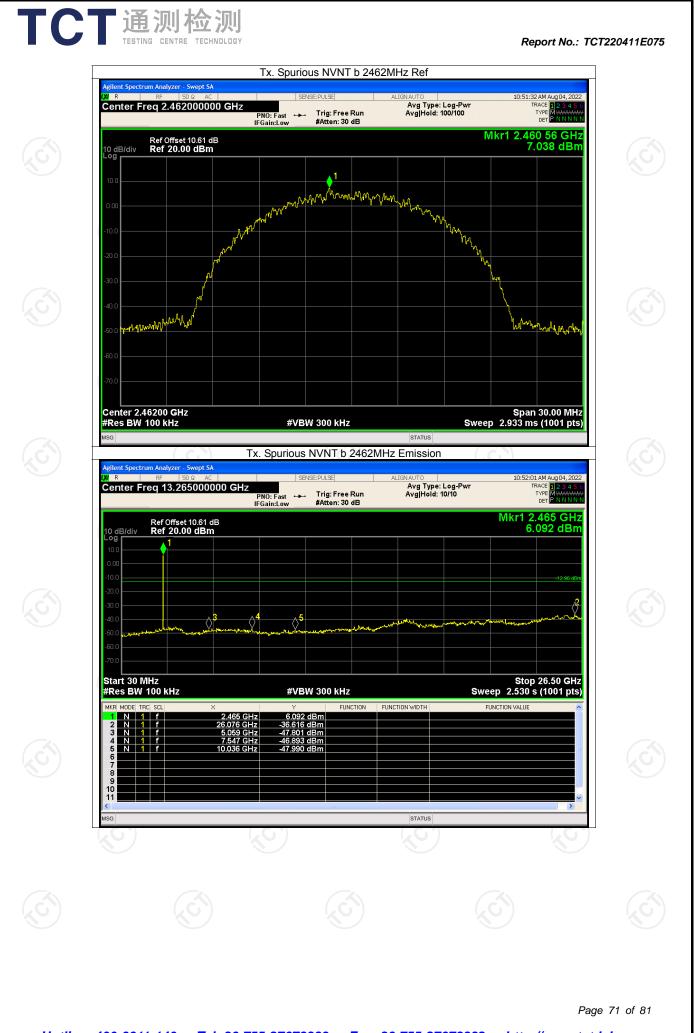
			pullous Ellissio		
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	-42.60	-20	Pass
NVNT	b	2437	-42.22	-20	Pass
NVNT	b	2462	-43.65	-20	Pass
NVNT	g	2412	-36.36	-20	Pass
NVNT	g	2437	-37.28	-20	Pass
NVNT	g	2462	-38.15	-20	Pass
	n20	2412	-36.79	-20	Pass
NVNT	n20	2437	-36.70	-20	Pass
NVNT	n20	2462	-36.89	-20	Pass
NVNT	n40	2422	-33.83	-20	Pass
NVNT	n40	2437	-34.42	-20	Pass
ŃVNT	n40	2452	-34.21	-20	Pass





Page 69 of 81





53:33 AM Aug 04, 2022		Tx. Spurious NVNT g 2412	Spectrum Analyzer - Swept SA RF 50 Ω AC	LXI
TRACE 123456 TYPE MWWWWW DET PNNNNN	Avg Type: Log-Pwr Avg Hold: 100/100	PNO: Fast ↔ Trig: Free Run Gain:Low #Atten: 30 dB	er Freq 2.412000000 GHz	Ce
411 70 GHz 0.356 dBm	Mkr1 2		Ref Offset 10.52 dB	10
				10 Log
		1		10.
	mannahara	mounter prove	mannul	0.0
		V		-10.
			and ^{NV^{III}}	-20.
14A	بە ل ار		- AND	-30.
Who who			a averyouter	-40.
"the unglingh				-50.
				-60.
				-70.
oan 30.00 MHz			r 2.41200 GHZ	Ce
oan 30.00 MHz s ms (1001 pts)	Sweep 2.93	#VBW 300 kHz	r 2.41200 GHz BW 100 kHz	#R
54:03AM Aug 04, 2022 TRACE 12 3 4 5 6 TYPE MUNICIPAL 2.412 GHz 0.398 dBm	Sweep 2.93 STATUS Emission IGNAUTO 1 Avg Type: Log-Pwr Avg Hold: 10/10	#VBW 300 kHz Spurious NVNT g 2412M SENSE:PULSE PNO: Fast ++ Trig: Free Run Gain:Low #Atten: 30 dB	BW 100 kHz 	#R MSG Agit (X) Ce
54:03AMAug04,2022 TRACE 12 3 4 5 6 TYPE 12 3 4 5 6 TYPE 10 NNNNN 2.412 GHz 0.398 dBm -19 64 dbm	Sweep 2.93 STATUS Emission IGNAUTO 1 Avg Type: Log-Pwr Avg Hold: 10/10	Spurious NVNT g 2412M	BW 100 kHz Spectrum Analyzer - Swept SA Pr Freq 13.265000000 GHz Ref Offset 10.52 dB	#R MSG (X) Ce 10 10 10 -0.0 -30 -40 -50
54:03AMAug04,2022 TRACE 12 3 4 5 6 TYPE 12 3 4 5 6 TYPE 10 NNNNN 2.412 GHz 0.398 dBm -19 64 dbm	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz Spectrum Analyzer - Swept SA RF 50.0 AC P Freq 13.265000000 GHz Ref Offset 10.52 dB Ref 20.00 dBm	#R MSG 04 10 10 10 10 10 -10 -20 -30 -40
54:03AMAug04,2022 TRACE 12 3 4 5 6 TYPE 12 3 4 5 6 TYPE 10 NNNNN 2.412 GHz 0.398 dBm -19 64 dbm	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz Spectrum Analyzer - Swept SA RF 50.0 AC P Freq 13.265000000 GHz Ref Offset 10.52 dB Ref 20.00 dBm	#R MSG Agit Ce 10 10 10 10 10 10 10 10 10 10 10 10 10
54:03 AM Aug 04, 2022 TRACE 12 2 4 5 5 TYPE 12 2 4 5 5 DET P NNNNN 2.412 GHz 0.398 dBm -19.64 dbm 2 -19.64 dbm 2 -19.64 dbm 2 -19.64 dbm -19.64 dbm -19.64 dbm	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz Spectrum Analyzer - Swept SA RF 50 Q AC F Freq 13.265000000 GHz Ref Offset 10.52 dB Ref 20.00 dBm 30 MHz BW 100 kHz DE TRCI SCL X	#R MSG Agii (X) Ce 10 -10 -10 -20 -30 -40 -50 -50 -50 -50 -50 -50 -50 -50 -50 -5
54:03 AM Aug 04, 2022 TRACE 12 2 4 5 5 TYPE 12 2 4 5 5 DET P NNNNN 2.412 GHz 0.398 dBm -19.64 dbm 2 -19.64 dbm 2 -19.64 dbm 2 -19.64 dbm -19.64 dbm -19.64 dbm	Sweep 2.93	. Spurious NVNT g 2412M SENSE:PULSE Trig: Free Run Gain:Low	BW 100 kHz Spectrum Analyzer - Swept SA RF 50 Q AC PF Freq 13.265000000 GHz Ref 20.00 dBm 1 30 MHz BW 100 kHz W 100 kHz	#R MSG 24 Ce 10 .00 .00 .00 .00 .00 .00 .00 .00 .00
54:03AM Aug 04, 2022 TRACE 12 3 4 5 C TYPE MULTIN 2.412 GHz 0.398 dBm 19.64 dBm 2.95 C GHz 30 s (1001 pts)	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz	#R MSG 24 Ce 10 -10 -10 -10 -20 -40 -40 -50 -50 -50 -50 -50 -50 -50 -50 -50 -5
54:03 AM Aug 04, 2022 TRACE 2 3 4 5 6 TYPE M WWWWW DET M WWWWWW DET M WWWWWW 12,412 GHz 0,398 dBm -196 dbm 2 400 26.50 GHz 30 s (1001 pts)	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz	#R MSG 20 10 10 10 10 10 10 10 10 10 10 10 10 10
54:03AM Aug 04, 2022 TRACE 12 3 4 5 C TYPE MULTIN 2.412 GHz 0.398 dBm 19.64 dBm 2.95 C GHz 30 s (1001 pts)	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz	#R MSG 24 100 10 10 10 10 10 10 10 10 10 10 10 10
54:03AM Aug 04, 2022 TRACE 12 3 4 5 C TYPE MULTIN 2.412 GHz 0.398 dBm 19.64 dBm 2.95 C GHz 30 s (1001 pts)	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz	#R MSG Agii Ce 100 100 100 100 100 100 100 10
54:03AM Aug 04, 2022 TRACE 12 3 4 5 C TYPE MULTIN 2.412 GHz 0.398 dBm 19.64 dBm 2.95 C GHz 30 s (1001 pts)	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz	#R MSG 24 100 100 100 100 100 100 100 100 100 10
54:03AM Aug 04, 2022 TRACE 12 3 4 5 C TYPE MULTIN 2.412 GHz 0.398 dBm 19.64 dBm 2.95 C GHz 30 s (1001 pts)	Sweep 2.93	Spurious NVNT g 2412M	BW 100 kHz	#R MSG 24 100 100 100 100 100 100 100 100 100 10

	m Analyzer - Swept SA		NVNT g 2437M				
	RF 50 Ω AC eq 2.437000000 GHz	PNO: Fast +++ Tri	ig: Free Run	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:55:	06 AM Aug 04, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N	
		IFGain:Low #At	tten: 30 dB			31 42 GHz	-
10 dB/div Log	Ref Offset 10.6 dB Ref 20.00 dBm					.299 dBm	
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Center 2.4 #Res BW		#VBW 30	00 kHz	s	Spa weep 2.933 n	n 30.00 MHz 1s (1001 pts)	1
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MSG				STATUS			
Agilent Spectru XX R Center Fr	m Analyzer - Swept SA RF 50 Q AC eq 13.265000000 GH Ref Offset 10.6 dB Ref 20.00 dBm	PNO: Fast +++ Tri		STATUS	Mkr1 :	36 AM Aug 04, 2022 TRACE 2 3 4 5 6 TYPE MWWWWW DET P N N N N N 2,439 GHz 772 dBm	
Agilent Spectru (X) R	Ref Offset 10.6 dB Ref 20.00 dBm	SENSE:PU Z PNO: Fast ↔ Tri	LSE	STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr	Mkr1 ; C	36 AM Aug 04, 2022 TRACE 2 3 4 5 6 TYPE MWWWWW DET PNNNNN 2.439 GHZ	
Agilent Spectru XX R Center Fr 10.0 0.00 10.0 0.00 -10.0 0.00 -30.0 -40.0 -50.0 -70.0	Ref Offset 10.6 dB Ref 20.00 dBm	IZ PNO: Fast Tri IFGain:Low #At	ig: Free Run tten: 30 dB	STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Mkr1 ; C	36AMAUg04,2022 TRACE 12 3 4 5 6 TYPE MANNAN DET PININAN 2.439 GHz 3.772 dBm	
Agilent Spectru V/ R Center Fr 10 dB/div Log 10.0 -0.00 -10.0 -20.0 -30.0 -40.0 -60.0 -70.0	Ref Offset 10.6 dB Ref 20.00 dBm	IZ PNO: Fast Tri IFGain:Low #At	ig: Free Run tten: 30 dB	STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Mkr1 ; c	36 AM Aug 04, 2022 TRACE 2 3 4 5 6 TYPE MINNIN DET P NINNIN 2.439 GHz 0.772 dBm 1870 dBm 2	
Agilent Spectru Off R Center Fr 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -60.0 -70.0 Start 30 M #Res BW	Ref Offset 10.6 dB Ref 20.00 dBm	IZ PNO: Fast IFGain:Low Tri Addition Addition Addition For the second second For the second s	النظارية المعالية الم المعالية المعالية الم المعالية المعالية الم	STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Mkr1 : C	36 AM Aug 04, 2022 TRACE 12 3 4 3, 6 DET P NINANN 2.439 GHz 0.772 dBm -18 70 dBm 2.48 70 dBm 2.48 70 dBm 2.48 70 dBm	
Agilent Spectru Odd R Center Fr 10 dB/div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 -10 0 -20 0 -30 0 -40 0 -40 0 -50 0 -70 0 Start 30 M #Res BW MKR MODE: TR 1 0 1 2 N 1 2 N 1	Rs 50 Ω AC eq 13.265000000 GF Ref Offset 10.6 dB Ref 20.00 dBm J	IZ PNO: Fast IFGain:Low HGAIN:Low HVBW 30 HZ GHz OT72 dBm GHz 35,984 dBm	USE	STATUS Z Emission Augrand Avg Type: Log-Pwr AvgHold: 10/10	Mkr1 ; (36 AM Aug 04, 2022 TRACE 12 3 4 3, 6 DET P NINANN 2.439 GHz 0.772 dBm -18 70 dBm 2.48 70 dBm 2.48 70 dBm 2.48 70 dBm	
Agilent Spectru Ogl R Center Fr 10 dB/div 0 g 10 0 10 0 0 0 10 0 10 0 10 0 10 0 10 0 10 0 20 0 30 0 40 0 50 0	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Mkr1 : C	36 AM Aug 04, 2022 TRACE 12 3 4 3, 6 DET P NINANN 2.439 GHz 0.772 dBm -18 70 dBm 2.48 70 dBm 2.48 70 dBm 2.48 70 dBm	
Agilent Spectru Ø// R Center Fr 10 dB/div 0 g 10 0 0 0 0 0 0 0 0 0 0 0 -10 0 -20 0 -30 0 -40 0 -60 0 -70 0 Start 30 M #Res BW MKR MODE TR 1 N 1 2 N 1 5 N 1 6 7	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Mkr1 : C	36 AM Aug 04, 2022 TRACE 12 3 4 3, 6 DET P NINANN 2.439 GHz 0.772 dBm -18 70 dBm 2.48 70 dBm 2.48 70 dBm 2.48 70 dBm	
Agilent Spectru Off R Center Fr 10 dB/div Log 100 100 100 100 100 100 100 200 <	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Mkr1 : C	36 AM Aug04, 2022 TRACE 12 3 4 3 6 DET PINNAIN 2.439 GHz 0.772 dBm 2.439 GHz 0.772 dBm 2.400 GHz 5 (1001 pts)	
Agilent Spectru Ø// R Center Fr 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -70.0 Start 30 M #Res BW MKR MODE TR 1 1 2 1 3 1 4 N 4 N 5 N 10 1 3 N 4 N 5 N 11 2 11 4 N 9 10 11	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	ICTION WIDTH	Mkr1 : C	36 AM Aug 04, 2022 TRACE 12 3 4 3, 6 DET P NINANN 2.439 GHz 0.772 dBm -18 70 dBm 2.48 70 dBm 2.48 70 dBm 2.48 70 dBm	
Agilent Spectru Agilent Spectru O'r R Center Fr 10 dB/div Log 10.0 0.00 0.00 10.0 -0.0 </td <td>Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1</td> <td>IZ PNO: Fast IFGain:Low</td> <td>LSE </td> <td>STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10</td> <td>Mkr1 : C</td> <td>36 AM AUg 04, 2022 TRACE 12 2 3 4 5 G TYPE MUNITOR 2.439 GHz 3.772 dBm -1870 dBm 2.439 GHz 5.772 dBm 2.439 GHz 5.00 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.440 dBm 2.440</td> <td></td>	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	STATUS Z Emission ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Mkr1 : C	36 AM AUg 04, 2022 TRACE 12 2 3 4 5 G TYPE MUNITOR 2.439 GHz 3.772 dBm -1870 dBm 2.439 GHz 5.772 dBm 2.439 GHz 5.00 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.440	
Agilent Spectru QX R Center Fr 10 dB/div Log 0 10.0 0.00 -10.0 -20.0 -30.0 -20.0 -40.0 -20.0 -50.0	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	ICTION WIDTH	Mkr1 : C	36 AM AUg 04, 2022 TRACE 12 2 3 4 5 G TYPE MUNITOR 2.439 GHz 3.772 dBm -1870 dBm 2.439 GHz 5.772 dBm 2.439 GHz 5.00 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.440	
Agilent Spectru ØX R Center Fr 10 dB/div Log 0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -60.0	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	ICTION WIDTH	Mkr1 : C	36 AM AUg 04, 2022 TRACE 12 2 3 4 5 G TYPE MUNITOR 2.439 GHz 3.772 dBm -1870 dBm 2.439 GHz 5.772 dBm 2.439 GHz 5.00 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.440	
Aglient Spectru Aglient Spectru Center Fr 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -40.0 -50.0 -40.0 -50.0	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	ICTION WIDTH	Mkr1 : C	36 AM AUg 04, 2022 TRACE 12 2 3 4 5 G TYPE MUNITOR 2.439 GHz 3.772 dBm -1870 dBm 2.439 GHz 5.772 dBm 2.439 GHz 5.00 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.440	
Agilent Spectru Ø// R Center Fr 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -70.0 Start 30 M #Res BW MKR MODE TR 1 1 2 1 3 1 4 N 4 N 5 N 10 1 3 N 4 N 5 N 11 2 11 4 N 9 10 11	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	ICTION WIDTH	Mkr1 : C	36 AM AUg 04, 2022 TRACE 12 2 3 4 5 G TYPE MUNITOR 2.439 GHz 3.772 dBm -1870 dBm 2.439 GHz 5.772 dBm 2.439 GHz 5.00 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.440	
Agilent Spectru X// R Center Fr 10 dB/div 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 -10 0 -20 0 -30 0 -40 0 -50 0 -70 0 Start 30 M #Res BW MKR MODE TR 1 N 1 2 N 1 3 N 1 4 N 1 6 N 1 7 8 9 10 11	Ref Offset 10.6 dB Ref Offset 10.6 dB Ref 20.00 dBm 1	IZ PNO: Fast IFGain:Low	LSE	ICTION WIDTH	Mkr1 : C	36 AM AUg 04, 2022 TRACE 12 2 3 4 5 G TYPE MUNITOR 2.439 GHz 3.772 dBm -1870 dBm 2.439 GHz 5.772 dBm 2.439 GHz 5.00 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.439 GHz 1.100 dBm 2.430 dBm 2.440	

	ipectrum Analyzer - Swept SA	Tx. Spurious NVNT g 2			
Cent	RF 50 Ω AC Pr Freq 2.462000000 GH	PNO: Fast +++ Trig: Free Run	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:57:31 AM Aug 04, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	
10 dB/	Ref Offset 10.61 dB div Ref 20.00 dBm	IFGain:Low #Atten: 30 dB	М	kr1 2.456 42 GHz 1.569 dBm	
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-70.0					
Cente	r 2.46200 GHz			Span 30.00 MHz	
#Res	BW 100 kHz	#VBW 300 kHz	STATUS	2.933 ms (1001 pts)	
Agilent	Spectrum Analyzer - Swept SA	Tx. Spurious NVNT g 2462	2MHz Emission	10:58:01 AM Aug 04, 2022	
	er Freq 13.265000000 G		Avg Type: Log-Pwr Avg Hold: 10/10	TRACE 123456 TYPE MWWWWW DET PNNNN	
10 dB/ Log F	Ref Offset 10.61 dB div Ref 20.00 dBm			Mkr1 2.465 GHz 0.930 dBm	
10.0 - 0.00 -	•				
-10.0 - -20.0 =				-18.43 dBm	
-30.0 - -40.0 -	3	4 <u>5</u>	and and the providence of the second		
-50.0 -	how we we have a second s				
	30 MHz			Stop 26.50 GHz	
MKR M	BW 100 kHz DE TRC SCL X J 1 f 2.465	#VBW 300 kHz Y FUNCTION 6 GHz 0.930 dBm		p 2.530 s (1001 pts)	
2 3 4	1 f 26.103 1 f 5.112 1 f 7.574	2 GHz -36.589 dBm 2 GHz -47.916 dBm 1 GHz -47.139 dBm			
5 6 7 8	l 1 f 9.930	0 GHz -48.264 dBm			
9 10 11				~ ~	
MSG	~)	(2G*)	STATUS	LG	

LXI R	um Analyzer - Swept SA RF 50 Ω AC req 2.412000000 GHz	SENSE:PULSE PN0: Fast ↔ Trig: Free Run	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:59:39 AM Aug 04, 2022 TRACE 12 3 4 5 6 TYPE MWWWWW DET P NNNNN	
	Ref Offset 10.52 dB	PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB		кr1 2.413 26 GHz 0.199 dBm	
10 dB/div Log	Ref 20.00 dBm				
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-60.0					
	1200 GHz			Span 30.00 MHz	
#Res BW	100 kHz	#VBW 300 kHz	STATUS	2.933 ms (1001 pts)	
	um Analyzer - Swept SA RF 50 Ω AC	Tx. Spurious NVNT n20 24	12MHz Emission	11:00:08 AM Aug 04, 2022	
Center F	req 13.265000000 GH	Z PNO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 10/10	TRACE 123456 TYPE MWWWWW DET PNNNNN	
10 dB/div Log	Ref Offset 10.52 dB Ref 20.00 dBm			Mkr1 2.412 GHz -0.148 dBm	
10.0 0.00 -10.0					
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-40.0 -50.0 -50.0 -60.0	Martin and a second	4 5 	an and a second of the second	and a share and a share	
-70.0	лы-			Stop 26.50 GHz	
#Res BW	100 kHz RC SCL X	#VBW 300 kHz		p 2.530 s (1001 pts)	
1 N 1 2 N 1 3 N 1 4 N 1	f 25.653 (f 5.006 (f 7.177 (GHz -36.599 dBm GHz -47.574 dBm GHz -47.358 dBm			
5 N 1 6 7 8 9	f 9.506 (GHz -48.093 dBm			
10 11				>	
MSG		<u>(</u> ()	STATUS	<u>k</u> 0)	

Agilent	Spectrum Analyzer - Swept SA	Tx. Spurious NVNT n20 2	ALIGNAUTO	11:02:23 AM Aug 04, 2022	
	er Freq 2.437000000 GH		Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 123456 TYPE MWWWWW DET PNNNNN	
10 dB	Ref Offset 10.6 dB div Ref 20.00 dBm		Mk	r1 2.438 26 GHz 0.755 dBm	
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-50.0	WWW ^{W**}			፞ዄኯኯኯኯኯ	
-60.0 -					
-70.0 -					
Cento #Res	er 2.43700 GHz BW 100 kHz	#VBW 300 kHz	Sweep 2	Span 30.00 MHz 2.933 ms (1001 pts)	
		Tx. Spurious NVNT n20 243			
LXI R	Spectrum Analyzer - Swept SA RF 50 Ω AC er Freq 13.265000000 GH	SENSE:PULSE HZ PNO: Fast ↔ Trig: Free Run	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	11:02:53 AM Aug 04, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWWW	
	Ref Offset 10.6 dB /div Ref 20.00 dBm	IFGain:Low #Atten: 30 dB		0et PINNNN 0.356 dBm	
10 dB Log 10.0 -	(div Ref 20.00 dBm				
-10.0				-19.25 dBm	
-20.0 - -30.0 - -40.0 -		Λ4 Λ5		R	
-50.0	and and a second s	A 5			
-70.0 - Start	30 MHz			Stop 26.50 GHz	
#Res	BW 100 kHz	#VBW 300 kHz Y FUNCTION	-	2.530 s (1001 pts)	
2 3	N 1 f 2.439 N 1 f 26.103 N 1 f 5.006 N 1 f 7.230	GHz -35.950 dBm			
5 6 7 8	N 1 f 9.930	GHz -48.178 dBm			
9 10 11				× ×	
MSG	*		STATUS		

LXI R	rum Analyzer - Swept SA RF 50 Ω AC	Tx. Spurious NVNT n20 2	ALIGN AUTO	11:05:20 AM Aug 04, 2022	
Center F	req 2.462000000 GHz	PNO: Fast ↔→ Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100		
10 dB/div	Ref Offset 10.61 dB Ref 20.00 dBm		IVI	kr1 2.456 36 GHz 0.499 dBm	
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Center 2. #Res BW	46200 GHz 100 kHz	#VBW 300 kHz	Sweep	Span 30.00 MHz 2.933 ms (1001 pts)	
MSG		Tx. Spurious NVNT n20 246	STATUS		
LXI R	rum Analyzer - Swept SA RF 50 Ω AC Teq 13.265000000 GH	Z	ALIGNAUTO Avg Type: Log-Pwr	11:05:50 AM Aug 04, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWWW	
	-	PNO: Fast + Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Hold: 10/10	Mkr1 2.465 GHz	
10 dB/div Log	Ref Offset 10.61 dB Ref 20.00 dBm			0.405 dBm	
0.00					
-20.0				-19.50 dBm	
-40.0		4 5 	water and the second and the second	mouslisterens	
-60.0 -70.0					
Start 30 #Res BW	MHz 100 kHz	#VBW 300 kHz	Swee	Stop 26.50 GHz p 2.530 s (1001 pts)	
MKR MODE T			FUNCTION WIDTH FUN	CTION VALUE	
3 N 4 N	1 f 5.112 (1 f 7.256 (1 f 9.983 (GHz -47.748 dBm GHz -46.983 dBm			
7 8 9					
10				>	
MSG		(x0)		(JC)	

Agilent S	pectrum Analyzer - Swept SA RF 50 Ω AC	Tx. Spurious NVNT n40	2422MHz Ref	11:07:13 AM Aug 04, 2022	
	er Freq 2.422000000 GHz		Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 123456 TYPE MWWWWW DET PNNNNN	
10 dB/d Log	Ref Offset 10.54 dB liv Ref 20.00 dBm			Mkr1 2.426 02 GHz -2.781 dBm	
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-60.0					
-70.0					
	r 2.42200 GHz	#)/BMI 200 kHz	Swa	Span 60.00 MHz	
#Res	BW 100 kHz	#VBW 300 kHz	STATUS	ep 5.800 ms (1001 pts)	
LXI R	pectrum Analyzer - Swept SA RF 50 Ω AC	X. Spurious NVNT n40 242	ALIGN AUTO	11:07:43 AM Aug 04, 2022	
Cente	er Freq 13.265000000 GH:		Avg Type: Log-Pwr Avg Hold: 10/10	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET PNNNNN	
10 dB/ Log —	Ref Offset 10.54 dB div Ref 20.00 dBm			Mkr1 2.412 GHz -3.705 dBm	
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-10.0					
-30.0	3	2 ⁴ 5	hy solid and solid and and and and and and and and and an	ment and the second second	
-60.0					
Start	30 MHz BW 100 kHz	#VBW 300 kHz		Stop 26.50 GHz /eep 2.530 s (1001 pts)	
MKR MO		Y FUNCTION GHz -3.705 dBm	FUNCTION WIDTH	FUNCTION VALUE	
		GHz -47.917 dBm GHz -46.166 dBm			
6 7 8 9					
10 11				~	
MSG)		STATUS	(20)	

	通测检测 TESTING CENTRE TECHNOLOGY	Tx. Spurious NVNT n40 2437MH	Report No.: To	CT220411E075
	Agilent Spectrum Analyzer - Swept SA WRRF50 AC Center Freq 2.437000000 GHz	PNO: Fast 🛶 Trig: Free Run	NAUTO 11:11:21 AM Aug 04, 2022 Avg Type: Log-Pwr TRACE Avg IHold: 100/100 Type Der PillN NN N	
3	Ref Offset 10.6 dB 10 dB/div Ref 20.00 dBm Log	IFGain:Low #Atten: 30 dB	Mkr1 2.427 04 GHz -1.585 dBm	6
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	0.00 -10.0	with the strange with depending phone in the production	haliphonyouthproversion	
	-20.0			
<u>c</u>	-40.0 Marshall		hand have a series of the seri	
	-50.0			
	-70.0			
-	Center 2.43700 GHz #Res BW 100 kHz	#VBW 300 kHz	Span 60.00 MHz Sweep 5.800 ms (1001 pts)	
9	Agilent Spectrum Analyzer - Swept SA		NAUTO 11:11:51 AM Aug 04: 2022	
	Center Freq 13.265000000 GH	Z PNO: Fast Trig: Free Run / IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 10/10 Mkr1 2.412 GHz	
	10 dB/div Ref 20.00 dBm		-2.640 dBm	
	-10.0			
9		4 5		
	-70.0		Stop 26.50 GHz	
	#Res BW 100 kHz MKR MODE TRC SCL X 1 N 1 f 2.412 c 2 N 1 f 25.600 c	GHz -36.008 dBm	Sweep 2.530 s (1001 pts)	
3	3 N 1 f 4.927 4 N 1 f 7.495 (5 N 1 f 9.930 (6	GHz -47.671 dBm		(C)
	8 9 10 11 11		~	
	MSG		STATUS	

	rum Analyzer - Swept SA RF 50 Ω AC	Tx. Spurious N			11:15:25 AM	Aug 04, 2022	
Center F	req 2.452000000 GHz	Z PNO:Fast ⊶⊷ Tri	ig: Free Run Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRAC TYP DE	123456 Mwwwww PNNNNN	
10 dB/div	Ref Offset 10.61 dB Ref 20.00 dBm				Mkr1 2.442 -1.68	46 GHz 33 dBm	C
Log							S
0.00		1					
-10.0	halamata	างการสารายให้สารายสารายสาราย	hall been broken	mademalikan	11/hn		
-20.0			¥				
-30.0	A called						
-40.0							
-50.0	White and a second s				All Marine	whenhy	l.
-60.0							
-70.0							
Center 2							
	45200 GHz				Span 6	0.00 MHz	
#Res BW	100 kHz	#VBW 30		STATUS	Span 6 eep 5.800 ms (*	0.00 MHz 1001 pts)	
#Res BW	100 kHz	#VBW 30		STATUS	Span 60 eep 5.800 ms (*	0.00 MHz 1001 pts)	
#Res BW MSG Agilent Spect	100 kHz	Tx. Spurious NVN	IT n40 2452M	STATUS IHz Emission ALIGNAUTO Avg Type: Log-Pwr	11:15:55 AM TRAC	Aug 04, 2022	
#Res BW Msg Agilent Spect	100 kHz rum Analyzer - Swept SA RF 50 Ω AC req 13.265000000 GH	Tx. Spurious NVN	IT n40 2452M	STATUS HZ Emission	еер 5.800 ms (* 11:15:55 АМ ТРАС Түр De Mkr1 2.4	Aug 04, 2022 2 8 4 5 6 MWWWWW P NN NN N 55 GHz	
#Res BW Msg Agilent Spect	100 kHz 	Tx. Spurious NVN SENSE:PU	IT n40 2452M I.E.	STATUS IHz Emission ALIGNAUTO Avg Type: Log-Pwr	еер 5.800 ms (* 11:15:55 АМ ТРАС Түр De Mkr1 2.4	Aug 04, 2022 1 2 3 4 5 6 MWWWWWW P N N N N N	
#Res BW MSG Agilent Spect M R Center F 10 dB/div 0 00	100 kHz rum Analyzer - Swept SA RF 50 Ω AC req 13.265000000 GH	Tx. Spurious NVN SENSE:PU	IT n40 2452M I.E.	STATUS IHz Emission ALIGNAUTO Avg Type: Log-Pwr	еер 5.800 ms (* 11:15:55 АМ ТРАС Түр De Mkr1 2.4	Aug 04, 2022 2 8 4 5 6 MWWWWW P NN NN N 55 GHz	
#Res BW MSG Aglient Spect UX R Center F 10 dB/div Log 10.0 -10.0 -20.0	100 kHz rum Analyzer - Swept SA RF 50 Ω AC req 13.265000000 GH	Tx. Spurious NVN SENSE:PU	IT n40 2452M I.E.	STATUS IHz Emission ALIGNAUTO Avg Type: Log-Pwr	еер 5.800 ms (* 11:15:55 АМ ТРАС Түр De Mkr1 2.4	Aug 04, 2022 2 8 4 5 6 MWWWWW P NN NN N 55 GHz	
#Res BW MSG Agilent Spect Center F 10 dB/div Log 10.0 -10.0 -20.0 -30.0 -40.0	100 kHz rum Analyzer - Swept SA RF 50 Ω AC req 13.265000000 GH	Tx. Spurious NVN SENSE:PU	IT n40 2452M I.E.	STATUS IHz Emission ALIGNAUTO Avg Type: Log-Pwr	еер 5.800 ms (* 11:15:55 АМ ТРАС ТҮР СС Мkr1 2.4 -2.36	Aug04, 2022 12.3 4 5 6 12.3 4 5 6 13.5 GHz 19 dBm	
#Res BW MSG Aglent Spect (X) R Center F Conter F 10 dB/div 10.0 0.00 -10.0 -20.0 -30.0 -30.0 -40.0 -60	100 kHz rum Analyzer - Swept SA RF 50 Ω AC req 13.265000000 GH Ref 0ffset 10.61 dB Ref 20.00 dBm	Tx. Spurious NVN	IT n40 2452M I.E.	STATUS HZ EMISSION ALIGNAUTO Avg Type: Log-Pwr Avg[Hold: 10/10	еер 5.800 ms (* 11:15:55 АМ ТРАС ТҮР СС Мkr1 2.4 -2.36	Aug04, 2022 12.3 4 5 6 12.3 4 5 6 13.5 GHz 19 dBm	
#Res BW Msg Agilent Spect Center F Center F 10 dB/div Log 100 0.00 -100 -200 -300 -400 -500 -500 -700 -500 -500 -500 -500 -5	100 kHz	Tx. Spurious NVN	JT n40 2452M	STATUS HZ Emission ALIGNAUTO Avg Type: Log-Pwr Avg]Hold: 10/10 Avg Type: Log-Pwr Avg]Hold: 10/10	еер 5.800 ms (* 11:15:55 АМ ТРАС ТУР ТС Мkr1 2.4 -2.36	Aug 04, 2022 12 34 5 6 P NNN NN 35 GHz 9 dBm -21 50 dBm -21 50 dBm	
#Res BW MSG Agilent Spect MSG Center F 10 dB/div Co 10.0 0.00 -10.0 -20.0 -30.0 -30.0 -40.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -40.0 -50.0 -70.0 Start 30 I #Res BW	100 kHz rum Analyzer - Swept SA RF 50 Ω AC req 13.265000000 GH Ref 20.00 dBm 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4	Tx. Spurious NVN	IT n40 2452M	STATUS HZ Emission ALIGNAUTO Avg Type: Log-Pwr Avg]Hold: 10/10 Avg Type: Log-Pwr Avg]Hold: 10/10	еер 5.800 ms (* 11:15:55.M ТТРАС ТТР СТУР ТВ Мkr1 2.4 -2.36	Aug 04, 2022 12 34 5 6 P NNN NN 35 GHz 9 dBm -21 50 dBm -21 50 dBm	
#Res BW MSG Agilent Spect XI R Center F 10 dB/div Log 10.0 -0.0	100 kHz	Tx. Spurious NVN	IT n40 2452M	STATUS HZ EMISSION AUGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	eep 5.800 ms (* ۱۱:15:55 אר דואכע דער דער דער דער דער דער דער דע	Aug 04, 2022 12 34 5 6 P NNN NN 35 GHz 9 dBm -21 50 dBm -21 50 dBm	
#Res BW MSG Agtient Spect X R Center F Center F 10 dB/div LO0 10 dB/div 10 dB/	100 kHz	Tx. Spurious NVN	IT n40 2452M	STATUS HZ EMISSION AUGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	eep 5.800 ms (* ۱۱:15:55 אר דואכע דער דער דער דער דער דער דער דע	Aug 04, 2022 12 34 5 6 P NNN NN 35 GHz 9 dBm -21 50 dBm -21 50 dBm	
#Res BW MSG Aglient Spect XI R Center F 10 dB/div 9 10.0 0.00	100 kHz rum Analyzer - Swept SA RF 150 Ω AC req 13.265000000 GH Ref Offset 10.61 dB Ref 20.00 dBm MHz 100 kHz RC SCL × f 2.465 f 2.465 f 7.468	Tx. Spurious NVN	IT n40 2452M	STATUS HZ EMISSION AUGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	eep 5.800 ms (* ۱۱:15:55 אר דואכע דער דער דער דער דער דער דער דע	Aug 04, 2022 1 2 3 4 5 6 1 2 3 4 5 6 1 2 3 4 5 6 1 3 5 GHZ 9 dBm -21 50 dFm -21 50 dFm 5.50 GHZ 001 pts)	
#Res BW MSG Agilent Spect V/ R Center F 10 dB/div 10 dB/div 10 0 10 0 10 0 10 0 10 0 200 -300 -40.0 -50.0 -70.0 Start 30 I #Res BW MKR MODE T 1 2 3 4 5 7 8 9	100 kHz rum Analyzer - Swept SA RF 150 Ω AC req 13.265000000 GH Ref Offset 10.61 dB Ref 20.00 dBm MHz 100 kHz RC SCL × f 2.465 f 2.465 f 7.468	Tx. Spurious NVN	IT n40 2452M	STATUS HZ EMISSION AUGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	eep 5.800 ms (* ۱۱:15:55 אר דואכע דער דער דער דער דער דער דער דע	Aug 04, 2022 12 34 5 6 P NNN NN 35 GHz 9 dBm -21 50 dBm -21 50 dBm	
#Res BW/msg Agilent Spect V/l R Center F 10 dB/div -00 100 100 -00 Start 30 I -00 -00 -00 -00 -00 -00 -00 0	100 kHz rum Analyzer - Swept SA RF 150 Ω AC req 13.265000000 GH Ref Offset 10.61 dB Ref 20.00 dBm MHz 100 kHz RC SCL × f 2.465 f 2.465 f 7.468	Tx. Spurious NVN	IT n40 2452M	STATUS IHZ EMISSION AUGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10 Status St	eep 5.800 ms (* ۱۱:15:55 אר דואכע דער דער דער דער דער דער דער דע	Aug 04, 2022 123 4 5 0 P 1111 N N N 55 GHz 9 dBm 21 60 offer 001 pts) 5.50 GHz 001 pts)	
#Res BW/msg Agilent Spect V/l R Center F 10 dB/div -00 100 100 -00 Start 30 I -00 -00 -00 -00 -00 -00 -00 0	100 kHz rum Analyzer - Swept SA RF 150 Ω AC req 13.265000000 GH Ref Offset 10.61 dB Ref 20.00 dBm MHz 100 kHz RC SCL × f 2.465 f 2.465 f 7.468	Tx. Spurious NVN	IT n40 2452M	STATUS IHZ EMISSION AUGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10 Status St	eep 5.800 ms (* ۱۱:15:55 אר דואכע דער דער דער דער דער דער דער דע	Aug 04, 2022 123 4 5 0 P 1111 N N N 55 GHz 9 dBm 21 60 offer 001 pts) 5.50 GHz 001 pts)	
#Res BW/ Msc Agilent Spect M Center F 10 dB/div -00 100 100 -00 -00 -100 -200 -300 -400 -500 -700 Start 30 I #Res BW MKF MORE T 1 2 N 3 N 4 N 5 N 6 7 8 9 10 11	100 kHz rum Analyzer - Swept SA RF 150 Ω AC req 13.265000000 GH Ref Offset 10.61 dB Ref 20.00 dBm MHz 100 kHz RC SCL × f 2.465 f 2.465 f 7.468	Tx. Spurious NVN	IT n40 2452M	STATUS IHZ EMISSION AUGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10 Status St	eep 5.800 ms (* ۱۱:15:55 אר דואכע דער דער דער דער דער דער דער דע	Aug 04, 2022 123 4 5 0 P 1111 N N N 55 GHz 9 dBm 21 60 offer 001 pts) 5.50 GHz 001 pts)	
#Res BW MSG Agtlent Spect 20 Center F 10 dB/div 10 dB/div 100 100 100 100 100 100 100 100 200 300 -400 -500 -700 Start 30 I #Res BW MKR MOR T 1	100 kHz	Tx. Spurious NVN	IT n40 2452M	STATUS IHZ EMISSION AUGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10 Status St	eep 5.800 ms (* ۱۱:15:55 אר דואכע דער דער דער דער דער דער דער דע	Aug 04, 2022 123 4 5 0 P 1111 N N N 55 GHz 9 dBm 21 60 offer 001 pts) 5.50 GHz 001 pts)	

