	TEST REPO	RT					
FCC ID :	2AFW2-B077T						
Test Report No:	TCT240218E005						
Date of issue:	Mar. 13, 2024						
Testing laboratory :	SHENZHEN TONGCE TEST	FING LAB					
Testing location/ address:	2101 & 2201, Zhenchang Fa Fuhai Subdistrict, Bao'an Dis 518103, People's Republic c	strict, Shenzhen, Gua					
Applicant's name: :	Shenzhen DZH Industrial Co	Shenzhen DZH Industrial Co., Ltd					
Address:	3th Floor, YiTuo Mike Industrial A building, Bu Yong Industrial D zone, ShaJing, Shenzhen, China						
Manufacturer's name :	Shenzhen DZH Industrial Co., Ltd						
Address:	3th Floor, YiTuo Mike Industrial A building, Bu Yong Industrial D zone, ShaJing, Shenzhen, 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::	Bluetooth Keyboard						
Trade Mark :	N/A		S				
Model/Type reference :	B077T						
Rating(s):	Rechargeable Li-ion Battery	DC 3.7V					
Date of receipt of test item	Feb. 18, 2024		<i>S</i>				
Date (s) of performance of test:	Feb. 18, 2024 ~ Mar. 13, 2024						
Tested by (+signature) :	Yannie ZHONG						
Check by (+signature) :	Beryl ZHAO						
Approved by (+signature):	: Tomsin						
Approved by (+signature): General disclaimer: This report shall not be repr TONGCE TESTING LAB. Th		or revised by SHENZ	ZHEN TONG				

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TCT 通测检测 TESTING CENTRE TECHNOLOGY

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1. General Product Information

1.1. EUT description

Product Name:	Bluetooth Keyboard			(\mathbf{c})
Model/Type reference:	B077T			
Sample Number	TCT240218E005-0101			
Bluetooth Version:	V5.1		S)	
Operation Frequency:	2402MHz~2480MHz			
Transfer Rate:	1 Mbits/s			
Number of Channel:	79			
Modulation Type:	GFSK			
Modulation Technology:	FHSS			
Antenna Type:	PCB Antenna			
Antenna Gain:	1.87dBi			
Rating(s):	Rechargeable Li-ion Battery DC	3.7V		

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

None.

1.3. Operation Frequency

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency	
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz	
1	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz	
10	2412MHz	30	2432MHz	50	2452MHz	70	2472MHz	
11	2413MHz	31	2433MHz	51	2453MHz	71	2473MHz	
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz	
19	19 2421MHz 39 2441MHz 59 2461MHz -							
Remark: Cl	nannel 0, 39	& 78 have l	been tested	for GFSK m	odulation mo	ode.		

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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 Peak Output Power	§15.247 (b)(1)	PASS
20dB Occupied Bandwidth	§15.247 (a)(1)	PASS
Carrier Frequencies Separation	§15.247 (a)(1)	PASS
Hopping Channel Number	§15.247 (a)(1)	PASS
Dwell Time	§15.247 (a)(1)	PASS
Radiated Emission	§15.205/§15.209	PASS
Band Edge	§15.247(d)	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.

3. General Information

3.1. Test environment and mode

Operating Environment:		
Condition	Conducted Emission	Radiated Emission
Temperature:	23.5 °C	21.8 °C
Humidity:	52 % RH	48 % RH
Atmospheric Pressure:	1010 mbar	1010 mbar
Test Software:		
Software Information:	Broadcom BlueTool	
Power Level:	127	
Test Mode:		
Engineer mode:	Keep the EUT in continuou channel and modulations w	0,
		ement below & above 1GHz in both horizontal and vertical

above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case(Z axis) are shown in Test Results of the following pages. DH1 DH3 DH5 all have been tested , only worse case DH1 is reported.

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
Adapter	EP-TA200	R37M4PR7QD4 SE3	/	SAMSUNG

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, 20dB Occupied Bandwidth, Carrier Frequencies Separation, Hopping Channel Number, Dwell Time, 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.



4.1. Facilities

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

• FCC - Registration No.: 645098

CT通测检测 TESTING CENTRE TECHNOLOGY

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

Standard requirement: FCC Part15 C Section 15.203 /247(c) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(c) (1)(i) requirement: (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi. E.U.T Antenna: The Bluetooth antenna is PCB antenna which permanently attached, and the best case gain of the antenna is 1.87dBi. Antenna TRADARAMANA AND A TRADARAMANA A TRADARAMANA AND A TRADARAMANA A TRADA B077T VER02 01 20730 20230701 աա 30 50 09 07

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5.2. Conducted Emission

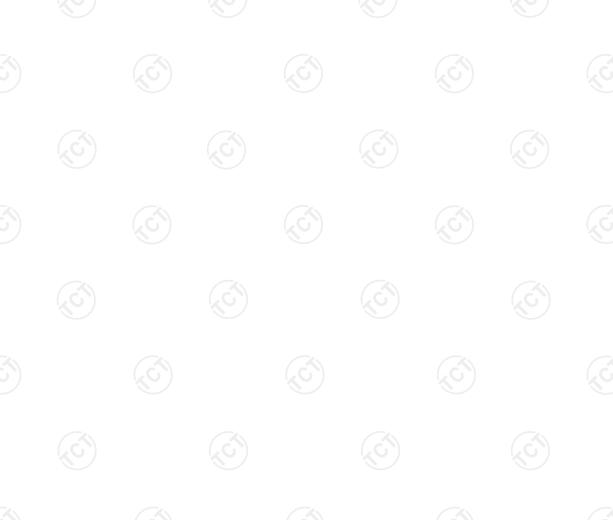
5.2.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.207						
Test Method:	ANSI C63.10:2013						
Frequency Range:	150 kHz to 30 MHz		(\mathcal{C})				
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:	40cm E.U.T AC power BOCM LISN Filter AC power Filter AC power EMI Remark <i>E.U.T</i> : Equipment Under Test <i>LISN</i> Line Impedence Stabilization Network Test table height=0.8m						
Test Mode:	Charging + Transmitting Mode						
Test Procedure:	 The E.U.T is connected to an adapter through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement. 						

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5.2.2. Test Instruments

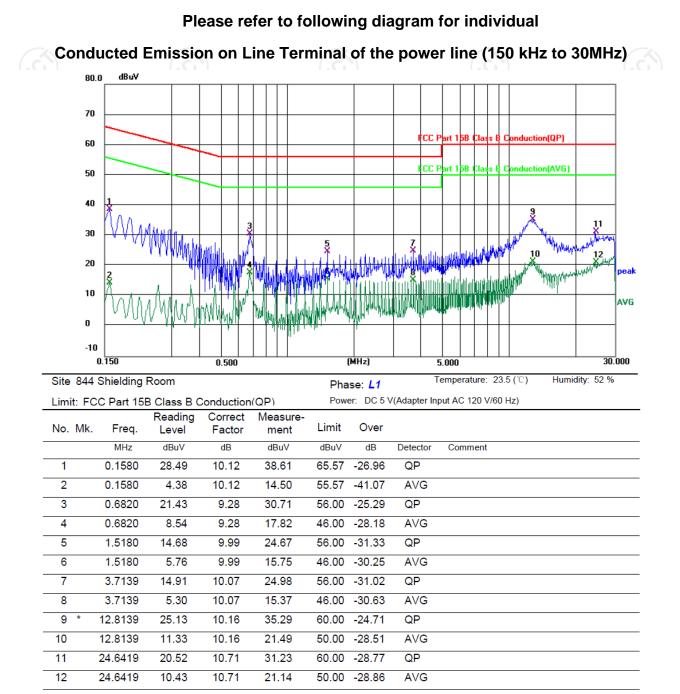
	Conducted Emission Shielding Room Test Site (843)						
Equipment		Manufacturer	Model	Serial Number	Calibration Due		
	EMI Test Receiver	R&S	ESCI3	100898	Jun. 29, 2024		
	Line Impedance Stabilisation Newtork(LISN)	Schwarzbeck	NSLK 8126	8126453	Feb. 01, 2025		
	Line-5	ТСТ	CE-05	/	Jul. 03, 2024		
	EMI Test Software	Shurple Technology	EZ-EMC	1	1 6		



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5.2.3. Test data

CENTRE TECHNOLOGY

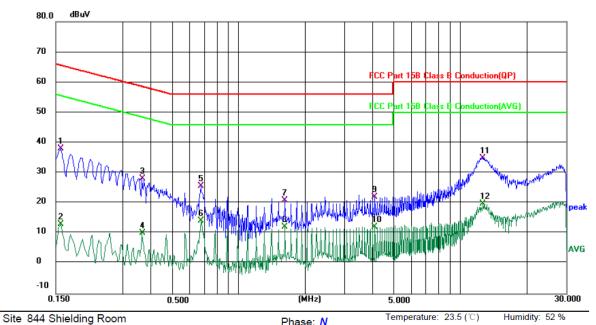


Note:

Freq. = Emission frequency in MHz Reading level $(dB\mu V) = Receiver reading$ Corr. Factor (dB) = LISN factor + Cable loss Measurement $(dB\mu V) = Reading \, level \, (dB\mu V) + Corr. Factor \, (dB)$ Limit $(dB\mu V) = Limit$ 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.



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

Site	844	Shielding	Room			Pha	ase: <mark>N</mark>		Temperature: 23.5 (℃)	Humidity: 52 %
Lim	it: FC	C Part 15	B Class B (Conductior	n(QP)	Pow	er: DC 5	V(Adapter Ir	nput AC 120 V/60 Hz)	
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment	
1		0.1580	27.98	10.10	38.08	65.57	-27.49	QP		
2		0.1580	2.86	10.10	12.96	55.57	-42.61	AVG		
3		0.3660	18.60	9.57	28.17	58.59	-30.42	QP		
4		0.3660	0.56	9.57	10.13	48.59	-38.46	AVG		
5		0.6820	16.42	9.29	25.71	56.00	-30.29	QP		
6		0.6820	4.97	9.29	14.26	46.00	-31.74	AVG		
7		1.6220	10.99	10.00	20.99	56.00	-35.01	QP		
8		1.6220	2.25	10.00	12.25	46.00	-33.75	AVG		
9		4.1340	12.04	10.09	22.13	56.00	-33.87	QP		
10		4.1340	2.06	10.09	12.15	46.00	-33.85	AVG		
11	*	12.7140	24.72	10.23	34.95	60.00	-25.05	QP		
12		12.7140	9.66	10.23	19.89	50.00	-30.11	AVG		

Note:

Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading Corr. Factor (dB) = LISN factor + Cable loss Measurement $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)Limit $(dB\mu V)$ = Limit stated in standard Margin (dB) = Measurement $(dB\mu V)$ – Limits $(dB\mu V)$ Q.P. =Quasi-Peak AVG =average

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

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5.3. Conducted Output Power

5.3.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (b)(1)				
Test Method:	KDB 558074 D01 v05r02				
Limit:	Section 15.247 (b) The maximum peak conducted output power of the intentional radiator shall not exceed the following: (1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts.				
Test Setup:	Spectrum Analyzer EUT				
Test Mode:	Transmitting mode with modulation				
Test Procedure:	Use the following spectrum analyzer settings: Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel RBW > the 20 dB bandwidth of the emission being measured VBW ≥ RBW Sweep = auto Detector function = peak Trace = max hold Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission.				

5.3.2. Test Instruments

C				
Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 28, 2024
Combiner Box	Ascentest	AT890-RFB	\mathbf{S} \mathbf{I}	



5.4. 20dB Occupy Bandwidth

5.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)
Test Method:	KDB 558074 D01 v05r02
Limit:	N/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. Use the following spectrum analyzer settings for 20dB Bandwidth measurement. Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel; 1%≤RBW≤5% of the 20 dB bandwidth; VBW≥3RBW; Sweep = auto; Detector function = peak; Trace = max hold. Measure and record the results in the test report.
Test Result:	PASS

5.4.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 28, 2024
Combiner Box	Ascentest	AT890-RFB	/	/

5.5. Carrier Frequencies Separation

5.5.1. Test Specification

FCC Part15 C Section 15.247 (a)(1)
KDB 558074 D01 v05r02
Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.
Spectrum Analyzer EUT
Hopping mode
 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. Enable the EUT hopping function. Use the following spectrum analyzer settings: Span = wide enough to capture the peaks of two adjacent channels; RBW is set to approximately 30% of the channel spacing, adjust as necessary to best identify the center of each individual channel; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Record the value in report.
PASS

5.5.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 28, 2024
Combiner Box	Ascentest	AT890-RFB	S 1	

5.6. Hopping Channel Number

5.6.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)
Test Method:	KDB 558074 D01 v05r02
Limit:	Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.
Test Setup:	
T (M).	spectrum Analyzer
Test Mode:	Hopping mode
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. Enable the EUT hopping function. Use the following spectrum analyzer settings: Span = the frequency band of operation; set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold. The number of hopping frequency used is defined as the number of total channel. Record the measurement data in report.
Test Result:	PASS
562 Tost Instruments	

5.6.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 28, 2024
Combiner Box	Ascentest	AT890-RFB	1	/

5.7. Dwell Time

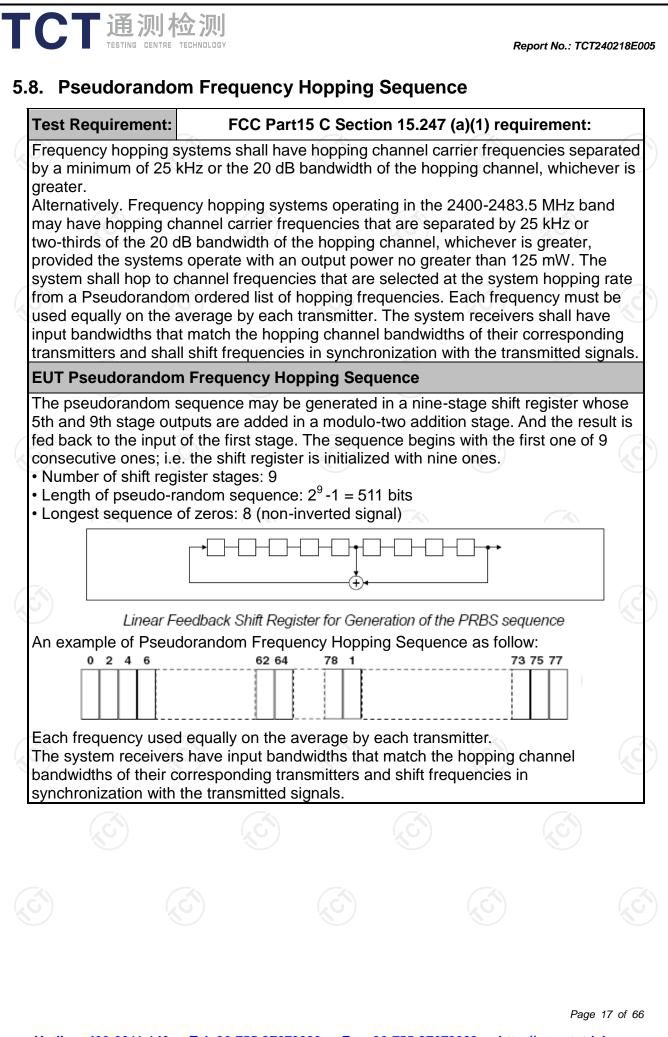
5.7.1. Test Specification

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Test Requirement:	FCC Part15 C Section 15.247 (a)(1)
Test Method:	KDB 558074 D01 v05r02
Limit:	The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.
Test Setup:	Spectrum Analyzer EUT
Test Mode:	Hopping mode
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. Enable the EUT hopping function. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel; RBW shall be ≤ channel spacing and where possible RBW should be set >> 1 / T, where T is the expected dwell time per channel; VBW≥RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold. Measure and record the results in the test report.
Test Result:	PASS

5.7.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 28, 2024
Combiner Box	Ascentest	AT890-RFB	3 1	





5.9. Conducted Band Edge Measurement

5.9.1. Test Specification

FCC Part15 C Section 15.247 (d)
KDB 558074 D01 v05r02
In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.
Spectrum Analyzer EUT
Transmitting mode with modulation
 Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz (≥1% span=10MHz), VBW = 300 kHz (≥RBW). Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used. Enable hopping function of the EUT and then repeat step 2 and 3. Measure and record the results in the test report.
PASS

5.9.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 28, 2024
Combiner Box	Ascentest	AT890-RFB	1	1
(\mathcal{S})	(G)		(G)	(\mathcal{G})



5.10. Conducted Spurious Emission Measurement

5.10.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB 558074 D01 v05r02
Limit:	In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.
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 = 300kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW. 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.
Test Result:	PASS

5.10.2. Test Instruments

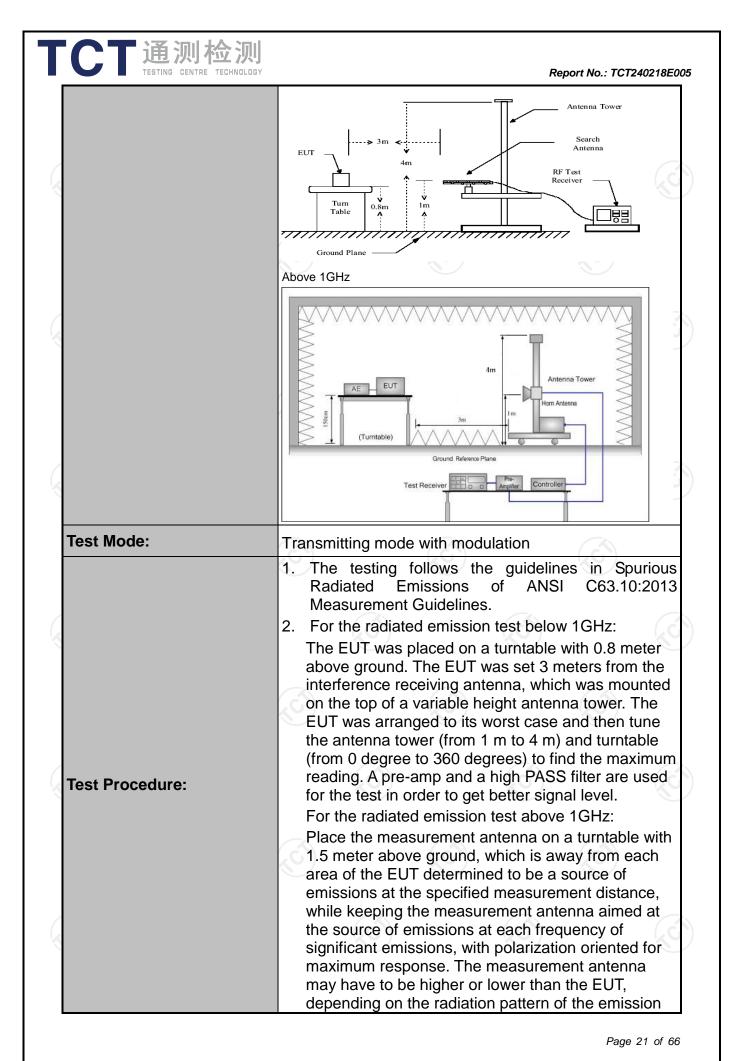
Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 28, 2024
Combiner Box	Ascentest	AT890-RFB		



5.11.1. Test Specification

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	FCC Part15	C Sectior	15.209			K
Test Method:	ANSI C63.10):2013				
Frequency Range:	9 kHz to 25 (GHz				
Measurement Distance:	3 m				R.)
Antenna Polarization:	Horizontal &	Vertical				
	Frequency	Frequency Detector RBW VBW		VBW	Remark	
	9kHz- 150kHz	Quasi-pea		1kHz	Quasi-peak Valu	
Receiver Setup:	150kHz- 30MHz	Quasi-pea		30kHz		i-peak Value
	30MHz-1GHz	Quasi-pea		300KHz		-peak Value
	Above 1GHz	Peak Peak	1MHz 1MHz	3MHz 10Hz		ak Value rage Value
			•			
	Frequen	су	Field Stro (microvolts)	-		asurement nce (meters)
	0.009-0.4	190	2400/F(I		Jotal	300
	0.490-1.7	/	24000/F			30
	1.705-3	80	30			30
	30-88		100		<u>_</u>	3
	88-216		150		-(3
Limit:	216-96 Above 9		<u>200</u> 500		3	
	Frequency Above 1GH:	(micr	ld Strength ovolts/meter) 500 5000	Distan (meter 3 3		Detector Average Peak
Test setup:	For radiated emis	stance = 3m	d Plane		Compute	
		-				



	receiving the maxim measurement anter maximizes the emi- antenna elevation restricted to a rang above the ground of 3. Set to the maxim EUT transmit cont 4. Use the following (1) Span shall wid emission bein (2) Set RBW=120 for f>1GHz ; V Sweep = aut = max hold for (3) For average	spectrum analyzer setting de enough to fully captuing measured; 0 kHz for f < 1 GHz, RBV /BW≥RBW; 0; Detector function = p	for hat which ent s shall be n to 4 m ne. enable the ngs: re the W=1MHz eak; Trace
	On time =N1* Where N1 is length of type Average Emi Level + 20*lo Corrected Rea	L1+N2*L2++Nn-1*LNi number of type 1 pulses e 1 pulses, etc. ission Level = Peak Emi og(Duty cycle) ading: Antenna Factor +	n-1+Nn*Lı s, L1 is ission Cable
Test results:	On time =N1* Where N1 is length of type Average Emi Level + 20*lo Corrected Rea	L1+N2*L2++Nn-1*LNi number of type 1 pulse e 1 pulses, etc. ission Level = Peak Emi og(Duty cycle)	n-1+Nn*Lr s, L1 is ission Cable
Test results:	On time =N1* Where N1 is length of type Average Emi Level + 20*lc Corrected Rea Loss + Read I	L1+N2*L2++Nn-1*LNi number of type 1 pulses e 1 pulses, etc. ission Level = Peak Emi og(Duty cycle) ading: Antenna Factor +	n-1+Nn*Lı s, L1 is ission Cable
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Test results:	On time =N1* Where N1 is length of type Average Emi Level + 20*lc Corrected Rea Loss + Read I	L1+N2*L2++Nn-1*LNi number of type 1 pulses e 1 pulses, etc. ission Level = Peak Emi og(Duty cycle) ading: Antenna Factor +	n-1+Nn*Li s, L1 is ission Cable



	Radiated En	nission Test Site	e (966)	
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESIB7	100197	Jun. 29, 2024
Spectrum Analyzer	R&S	FSQ40	200061	Jun. 29, 2024
Pre-amplifier	SKET	LNPA_0118G- 45	SK2021012 102	Feb. 01, 2025
Pre-amplifier	SKET	LNPA_1840G- 50	SK2021092 03500	Feb. 01, 2025
Pre-amplifier	HP	8447D	2727A05017	Jun. 27, 2024
Loop antenna	Schwarzbeck	FMZB1519B	00191	Jul. 02, 2024
Broadband Antenna	Schwarzbeck	VULB9163	340	Jul. 01, 2024
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Jul. 01, 2024
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Feb. 01, 2025
Antenna Mast	Keleto	RE-AM	/	/
Coaxial cable	SKET	RC-18G-N-M	1	Feb. 01, 2025
Coaxial cable	SKET	RC_40G-K-M	/	Feb. 01, 2025
EMI Test Software	Shurple Technology	EZ-EMC		/ 🕼

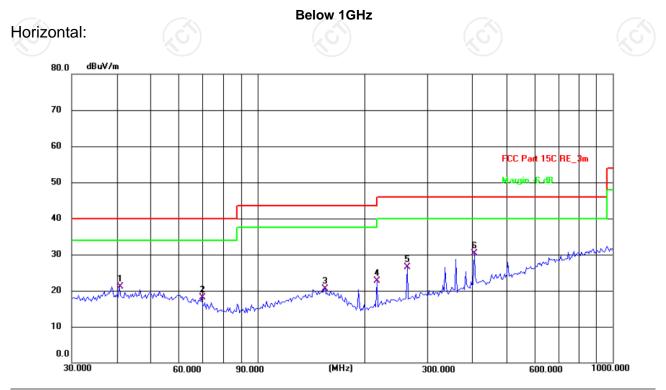


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5.11.3. Test Data

Please refer to following diagram for individual



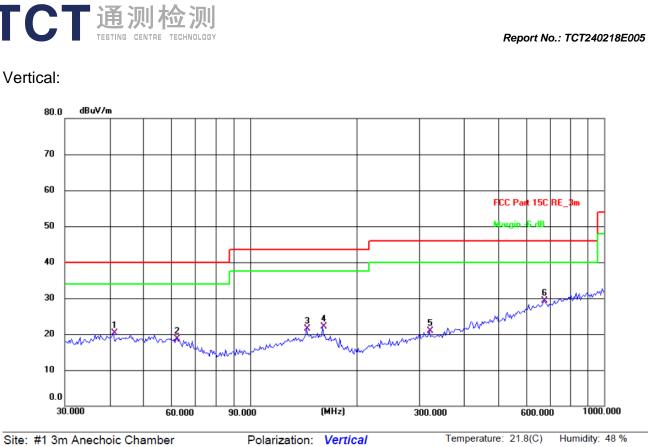
Site: #1 3m Anechoic Chamber Polarization: Horizontal Temperature: 21.8(C) Humidity: 48 %

Limit: FCC Part 15C RE_3m

Power: DC 3.7 V

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	40.8445	7.03	14.15	21.18	40.00	-18.82	QP	Ρ	
2	69.6004	7.20	10.95	18.15	40.00	-21.85	QP	Ρ	
3	154.8204	5.80	14.69	20.49	43.50	-23.01	QP	Ρ	
4	216.7828	11.50	11.15	22.65	46.00	-23.35	QP	Ρ	
5	263.8190	13.61	12.80	26.41	46.00	-19.59	QP	Ρ	
6 *	407.5144	13.80	16.51	30.31	46.00	-15.69	QP	Ρ	

Page 24 of 66



Site: #1 3m Anechoic Chamber Polarization: Ve

Power: DC 37 V

Limit.	FCC Part 15C R	E_3m			P	ower: D	C 3.7 V		
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	41.1320	6.28	14.10	20.38	40.00	-19.62	QP	Ρ	
2	62.2128	6.12	12.57	18.69	40.00	-21.31	QP	Ρ	
3	144.3347	7.44	14.08	21.52	43.50	-21.98	QP	Р	
4	160.3456	7.62	14.55	22.17	43.50	-21.33	QP	Ρ	
5	321.0608	6.28	14.66	20.94	46.00	-25.06	QP	Ρ	
6 *	675.2080	7.34	21.89	29.23	46.00	-16.77	QP	Ρ	

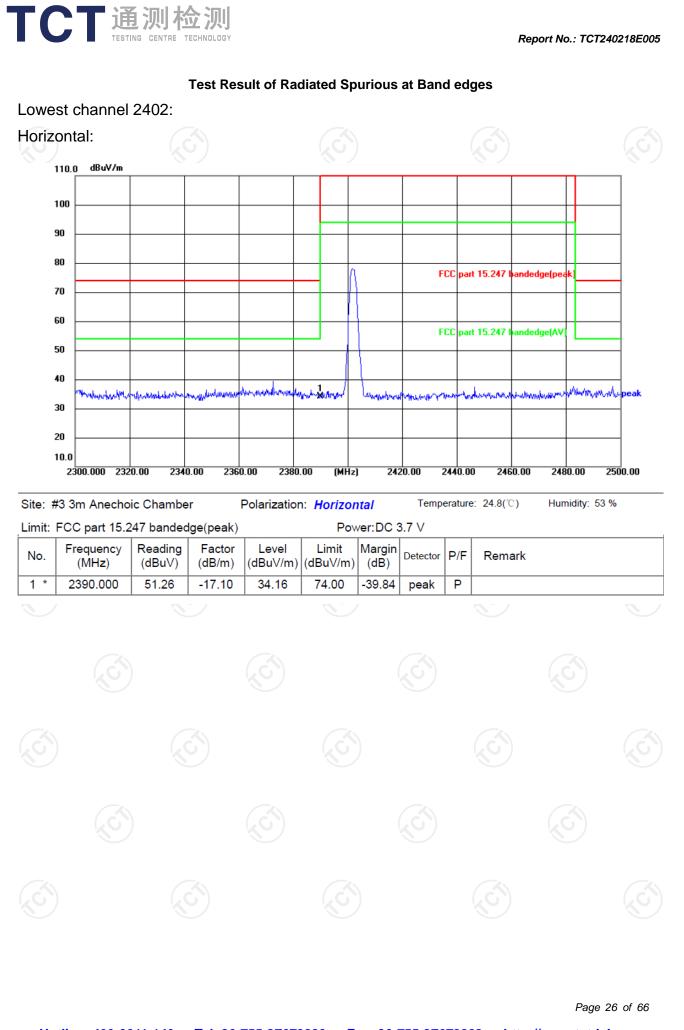
Note: 1. The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

2. Measurements were conducted in all three channels (high, middle, low) and the worst case Mode (Lowest channel) was submitted only.

- Freq. = Emission frequency in MHz Measurement (dBµV/m) = Reading level (dBµV) + Corr. Factor (dB) Correction Factor= Antenna Factor + Cable loss – Pre-amplifier Limit (dBµV/m) = Limit stated in standard
- $Over (dB) = Measurement (dB\mu V/m) Limits (dB\mu V/m)$

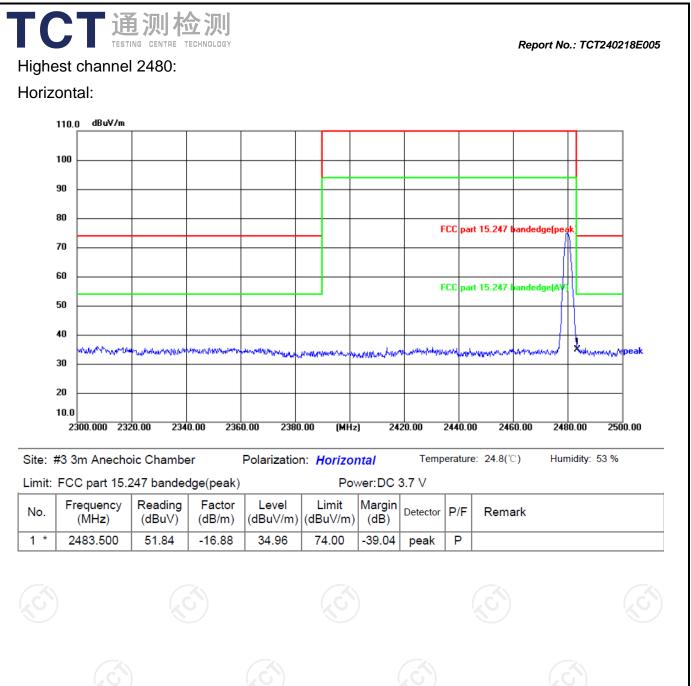
* is meaning the worst frequency has been tested in the test frequency range.

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	10.0 dBuV/m												
1	00												-
	0												
	0					٨	F	CC pa	rt 15.247 b	andedge(j	peak]		
	io												
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	2300.000 232	20.00 234	0.00 236	0.00 238	0.00 (MH	z) 24	20.00 2	2440.0	0 246	0.00 2	2480.	00	2500.00
	3 3m Anecho			Polarizatic				eratur	e: 24.8(°C	C) H	lumid	lity: 53	%
it:	FCC part 15.2 Frequency	Reading	Factor	Level	Limit	wer:DC	3.7 V	D/F	Rema	rk			
*	(MHz) 2390.000	(dBuV) 51.79	(dB/m) -17.10	(dBuV/m) 34.69	(dBuV/m 74.00) (dB) -39.31	peak	P	Reind				
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												0.0 dBuV/m	110
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-													90
	k	edge(pea	247 ban	part 15.24	FCC			_					80
1													70
		edge(AV)	247 ban	part 15.24	FCC								60
1													50
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2500.00			2460.0			0.00				0.00 2360		2300.000 232	
	0.00 29			0.00 ture: 24.		Tem	nl	Vertica	00 2380 Polarizatio	ər	ic Chambe	3m Anecho	e: #3
			4.8(°C)	ture: 24.	perat	Tem	N wer:DC 3	: Vertica Po Limit	Polarizatio Level	er dge(peak) Factor	oic Chambe 247 bandeo Reading	3m Anecho CC part 15.2 Frequency	e: #3
				ture: 24. /F Re	perat	Temp .7 V	N wer:DC 3	: Vertica Po Limit	Polarizatio	er dge(peak)	ic Chambe	3m Anecho CC part 15.2	e: #3 hit: F(). F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 hit: F(). F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F0 . F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F0 . F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F0 . F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F0 . F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 hit: F(). F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F(. F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F(. F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F(. F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F0 . F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F0 . F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	e: #3 it: F0 . F
			4.8(°C)	ture: 24. /F Re	P/	Tem; .7 V Detector	wer:DC 3 Margin (dB)	: Vertica Po Limit (dBuV/m	Polarizatio Level (dBuV/m)	er dge(peak) Factor (dB/m)	ic Chambe 247 bandeo Reading (dBuV)	3m Anecho CC part 15.2 Frequency (MHz)	#3 F(

Above 1GHz

Modulation	Type: GF	SK							
Low channe	el: 2402 N	1Hz							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Peak	A \ /	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4804	Н	44.56		0.66	45.22		74	54	-8.78
7206	Н	34.77		9.50	44.27		74	54	-9.73
	Н								
(<i>C</i>)		(.C)			.G`)		(.G)	
4804	V	46.69		0.66	47.35		74	54	-6.65
7206	V	37.44		9.50	46.94		74	54	-7.06
	V								

Middle cha	nnel: 2441	MHz		XC V)				N.
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	AV	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4882	H	46.41		0.99	47.40	<u> </u>	74	54	-6.60
7323	k CH)	35.20	-1,0	9.87	45.07	<u>(C)</u>	74	54	-8.93
	Ĥ								
4882	V	45.68		0.99	46.67		74	54	-7.33
7323	V	36.16		9.87	46.03		74	54	-7.97
<u> </u>	V				//				

High chann	nel: 2480 N	ЛНz							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Peak	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4960	H	44.99		1.33	46.32)	74	54	-7.68
7440	Н	35.74		10.22	45.96		74	54	-8.04
	Н	<u> </u>							
.C)		(G)		(.0			(\mathbf{G})		(.c
4960	V	43.91		1.33 🔪	45.24		74	54	-8.76
7440	V	33.22		10.22	43.44		74	54	-10.56
	V								

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.

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

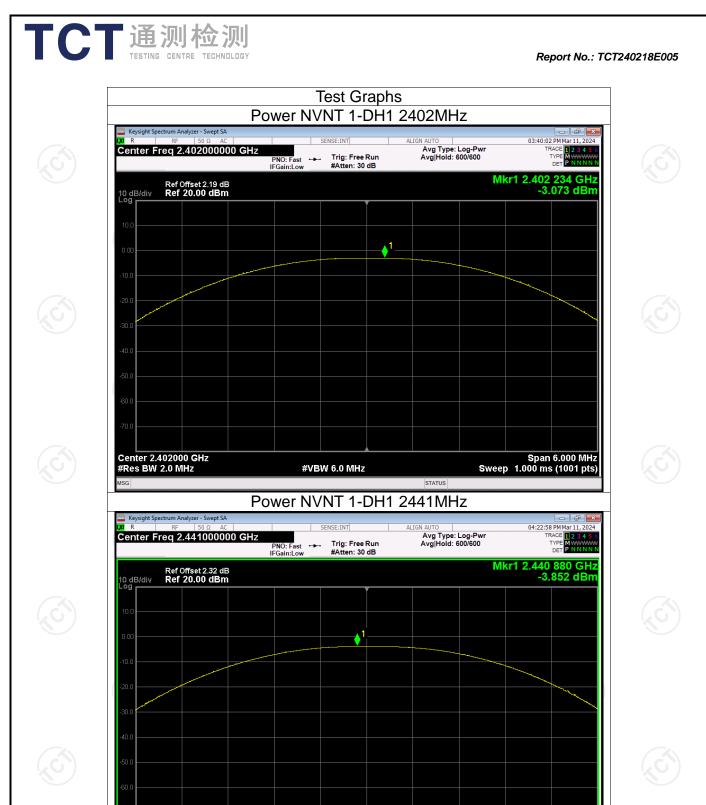
below the limits or the field strength is too small to be measured.

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

TCT通测检测 TESTING CENTRE TECHNOLOGY

Appendix A: Test Result of Conducted Test

		Maxi	mum Condue	cted Output Pov	ver		
	Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict	
	NVNT NVNT NVNT	1-DH1 1-DH1 1-DH1	2402 2441 2480	-3.07 -3.85 -4.83	21 21 21	Pass Pass Pass	
		S	2400	3	S	1 400	
<u>Hotline</u>	: 400-6611-140	Tel: 86-	<u>755-27673339</u>	Fax: 86-755-2767	3332 htt	Page p://www.tct-la	31 of 66 ab.com

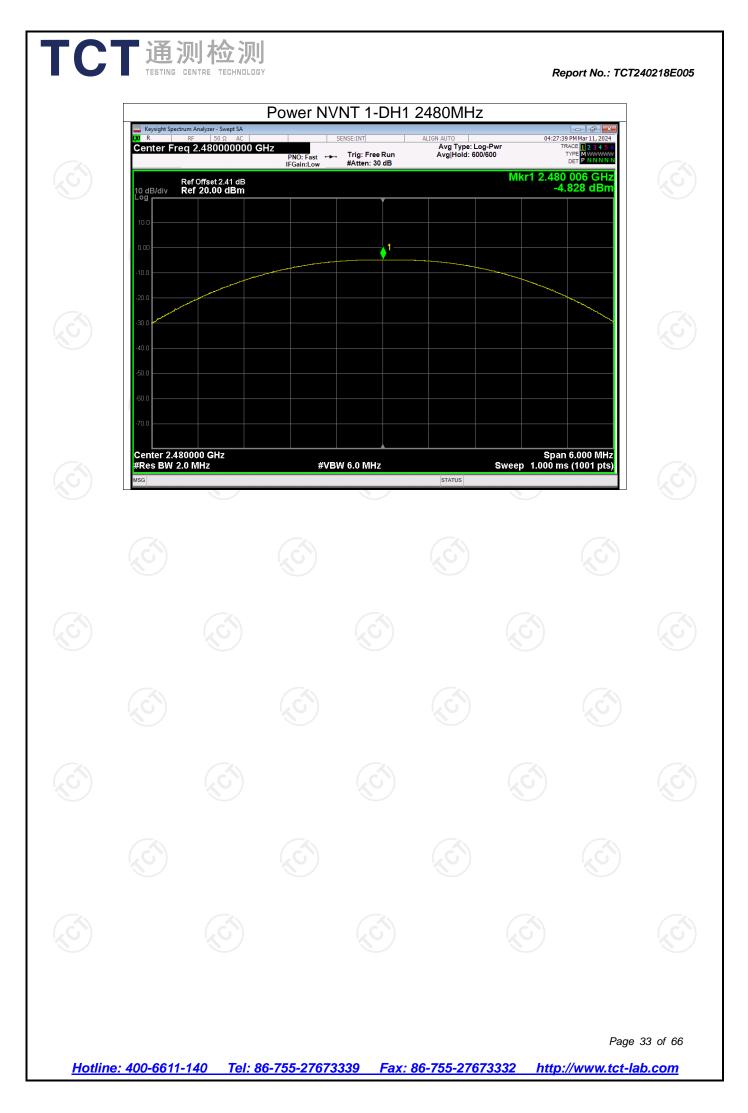


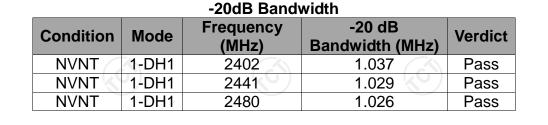
Span 6.000 MHz Sweep 1.000 ms (1001 pts)

#VBW 6.0 MHz

STATUS

Center 2.441000 GHz #Res BW 2.0 MHz

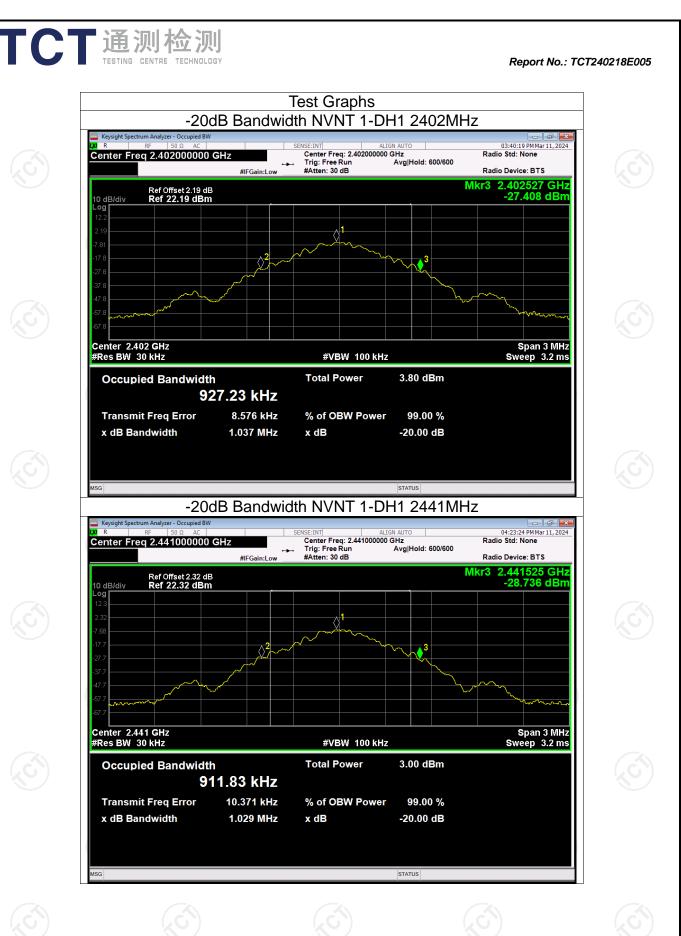






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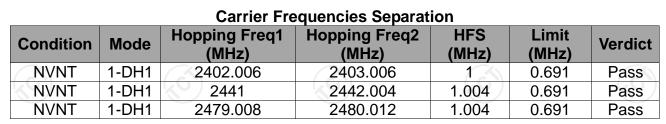


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<u>Hotlin</u>	<u>e: 400-6611-</u>	<u>140 Tel: 8</u>	<u> 36-755-27673</u>	3339 Fax:	<u>86-755-2767</u>	<u>3332 http</u>	://www.tct-la	<u>nb.com</u>
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Report No.: TCT240218E005

Span 2.000 MHz Sweep 1.000 ms (1001 pts) Center 2.402500 GHz #Res BW 100 kHz #VBW 300 kHz N 1 f N 1 f -3.705 dBm -3.696 dBm 2.402 006 GHz 2.403 006 GHz 10 11 CFS NVNT 1-DH1 2441MHz Keysight Spectrum Analyzer - Swept SA 04:26:38 PM Mar 11, 2024 TRACE 1 2 3 4 5 6 TYPE DET P N N N N Avg Type: Log-Pwr Avg|Hold:>100/100 Center Freq 2.441500000 GHz PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.441 000 GHz -4.484 dBm Ref Offset 2.32 dB Ref 20.00 dBm 10 dB/di Log **∂**² ø Center 2.441500 GHz #Res BW 100 kHz Span 2.000 MHz Sweep 1.000 ms (1001 pts) #VBW 300 kHz FUNCTION WIDTH 2.441 000 GHz 2.442 004 GHz -4.484 dBm -4.549 dBm 1 f 1 f Ň STATUS

CFS NVNT 1-DH1 2402MHz Center Freq 2.402500000 GHz Avg Type: Log-Pwr Avg|Hold:>100/100 PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB

Test Graphs

Report No.: TCT240218E005

03:57:30 PM Mar 11, 2024

Mkr1 2.402 006 GHz -3.705 dBm

TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN

Keysight Spectrum Analyzer - Swept SA

10 dB/di Log r

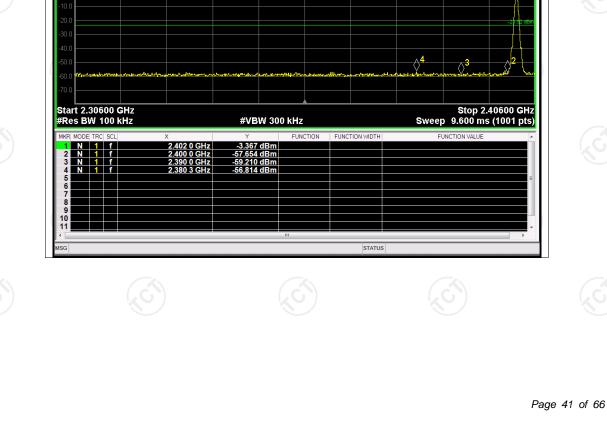
Ref Offset 2.19 dB Ref 20.00 dBm

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	um Analyzer - Swept SA	CFS NV	NT 1-DH1 2			- 6 -	
Center Fre	q 2.479500000 (GHz PNO: Wide IFGain:Low	SENSE:INT Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log Avg Hold:>100	J-Pwr /100	:35 PM Mar 11, 2024 TRACE 1 2 3 4 5 6 TYPE MWWW DET P NNNNN 9 008 GHz	
10 dB/div 10.0	Ref Offset 2.41 dB Ref 20.00 dBm	1				5.470 dBm	
-10.0 -20.0 -30.0							
-40.0 -50.0 -60.0							
-70.0 Center 2.47 #Res BW 11	'9500 GHz 00 kHz	#VE	300 kHz		Spa Sweep 1.000 n	n 2.000 MHz ns (1001 pts)	
MKR MODE TRC 1 N 1 2 N 1 3 4	f 2.479	008 GHz -5.47(012 GHz -5.499	FUNCTION D dBm D dBm	FUNCTION WIDTH	FUNCTION VALU		
5 6 7 8 9 10							
MSG				STATUS		P T	

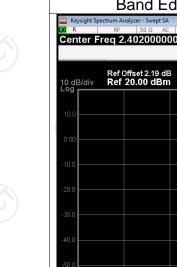
Conditio	(M	uency Hz)	Band Edge Hopping Mode) Max (c	v Value dBc)	Limit (dBc)	Verdic
NVNT NVNT		102 180	No-Hoppir No-Hoppir	ng -5 ng -5	53.29 51.93	-20 -20	Pass Pass



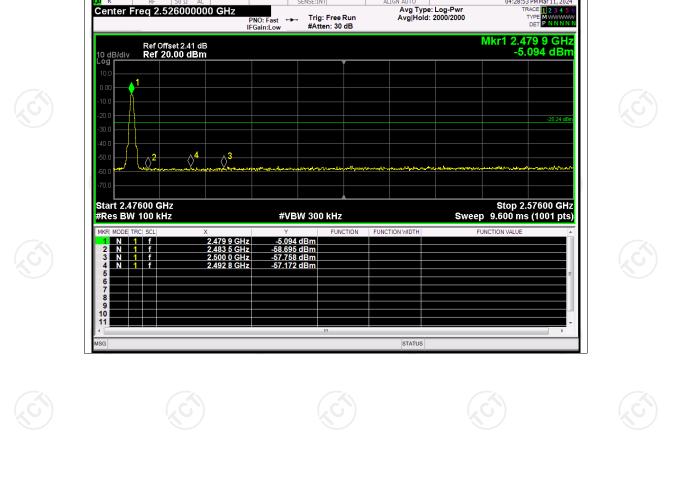
Test Graphs Band Edge NVNT 1-DH1 2402MHz No-Hopping Ref
 Keysight Spectrum Analyzer - Swept S

 Keysight Spectrum Analyzer - Swept S

 R
 RF
 50 Ω
 A
 03:40:33 PM Mar 11, 2024 Center Freq 2.402000000 GHz Avg Type: Log-Pwr Avg|Hold: 2000/2000 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN PNO: Wide +++ Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.402 016 GHz -3.519 dBm Ref Offset 2.19 dB Ref 20.00 dBm 10 dB/div Log Center 2.402000 GHz #Res BW 100 kHz Span 8.000 MHz Sweep 1.000 ms (1001 pts) #VBW 300 kHz STATUS Band Edge NVNT 1-DH1 2402MHz No-Hopping Emission Keysight Spec 03:41:06 PM Mar 11, 2024 Center Freq 2.356000000 GHz Avg Type: Log-Pwr Avg|Hold: 2000/2000 ACE 1 2 3 4 5 (YPE MWWWWW PNO: Fast ---- Trig: Free Run IFGain:Low #Atten: 30 dB TYPE Mkr1 2.402 0 GHz -3.367 dBm Ref Offset 2.19 dB Ref 20.00 dBm 10 dB/di[,] Log



Report No.: TCT240218E005



04:28:21 PM Mar 11, 2024 TRACE 1 2 3 4 5 (TYPE DET P NNNN Avg Type: Log-Pwr Avg|Hold: 2000/2000 Center Freq 2.480000000 GHz Trig: Free Run #Atten: 30 dB PNO: Wide IFGain:Low -----Mkr1 2.480 064 GHz -5.236 dBm Ref Offset 2.41 dB Ref 20.00 dBm 10 dB/div Loa mm AN M Center 2.480000 GHz #Res BW 100 kHz Span 8.000 MHz Sweep 1.000 ms (1001 pts) #VBW 300 kHz STATUS

Band Edge NVNT 1-DH1 2480MHz No-Hopping Ref

Band Edge NVNT 1-DH1 2480MHz No-Hopping Emission Keysight Spectrum Analyzer - Swept SA

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Report No.: TCT240218E005

53 PM Mar 11, 2

TCT通测检测 TESTING CENTRE TECHNOLOGY

Center Freq 2.526000000 GHz

L Keysight S L XI R

		(M	uency Hz)	Edge(Hopp Hopping Mode	Max (d	Value IBc)	Limit (dBc)	Verdic
NVNT NVNT	1-DH1 1-DH1		402 480	Hopping Hopping		3.47 1.00	-20 -20	Pass Pass

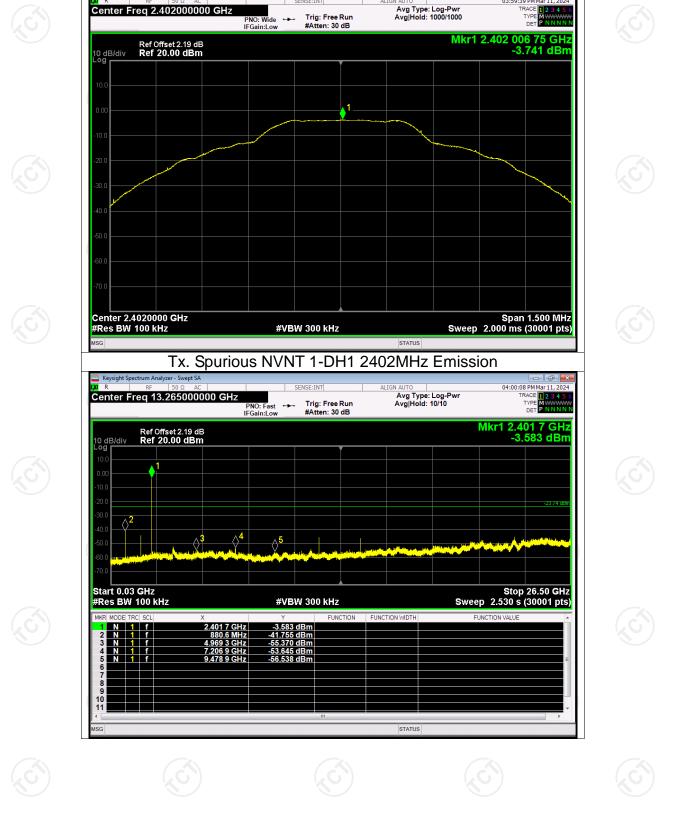


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	通测检	沪リ Nology		R	Peport No.: TC	CT240218E005
Condition NVNT NVNT NVNT	Mode F 1-DH1	Conducted requency (M 2402 2441 2480	ous Emissi x Value (dE -38.01 -39.87 -39.58	3c) Limi	it (dBc) -20 -20 -20	Verdict Pass Pass Pass
					Pa	ge 46 of 66



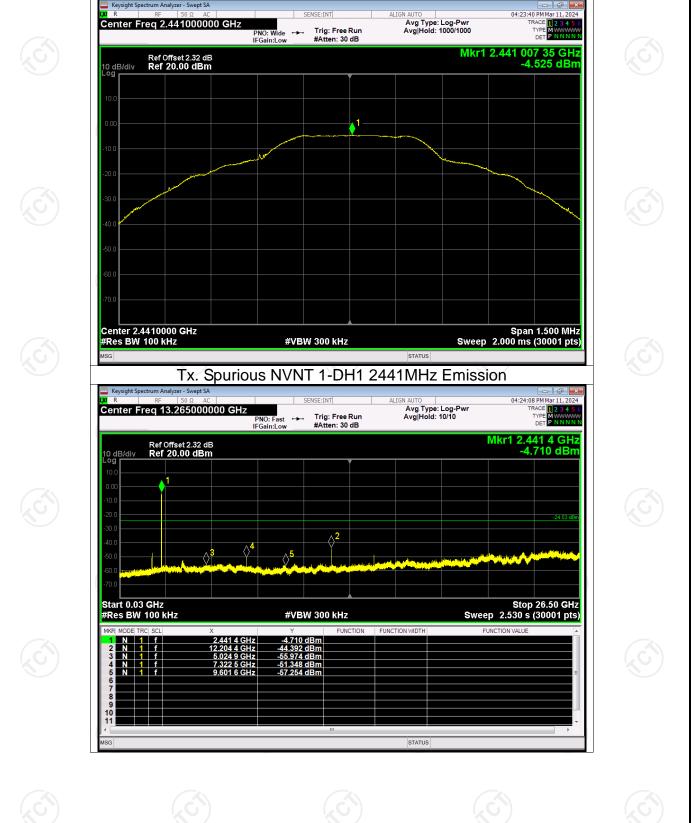
Test Graphs Tx. Spurious NVNT 1-DH1 2402MHz Ref

Keysight Spectrum Analyzer - Swept SA

Report No.: TCT240218E005

03:59:39 PM Mar 11, 2024

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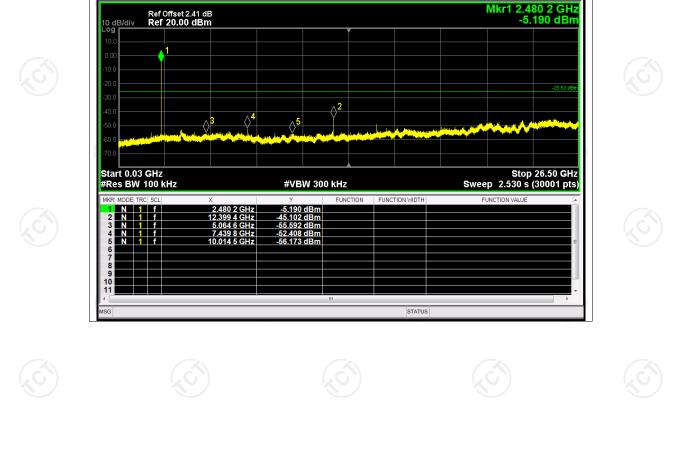


Tx. Spurious NVNT 1-DH1 2441MHz Ref

TCT通测检测 TESTING CENTRE TECHNOLOGY

Report No.: TCT240218E005

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Tx. Spurious NVNT 1-DH1 2480MHz Ref 🔤 Keysight Sp 04:29:11 PM Mar 11, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N K/R Avg Type: Log-Pwr Avg|Hold: 1000/1000 Center Freg 2.480000000 GHz Trig: Free Run #Atten: 30 dB TYPE PNO: Wide IFGain:Low **н**н Mkr1 2.480 014 35 GHz -5.522 dBm Ref Offset 2.41 dB Ref 20.00 dBm 10 dB/div Loa <mark>آ</mark> Center 2.4800000 GHz #Res BW 100 kHz Span 1.500 MHz Sweep 2.000 ms (30001 pts) #VBW 300 kHz STATUS

TCT通测检测 TESTING CENTRE TECHNOLOGY

Keysight Spe

Center Freg 13.265000000 GHz

0 R

Tx. Spurious NVNT 1-DH1 2480MHz Emission

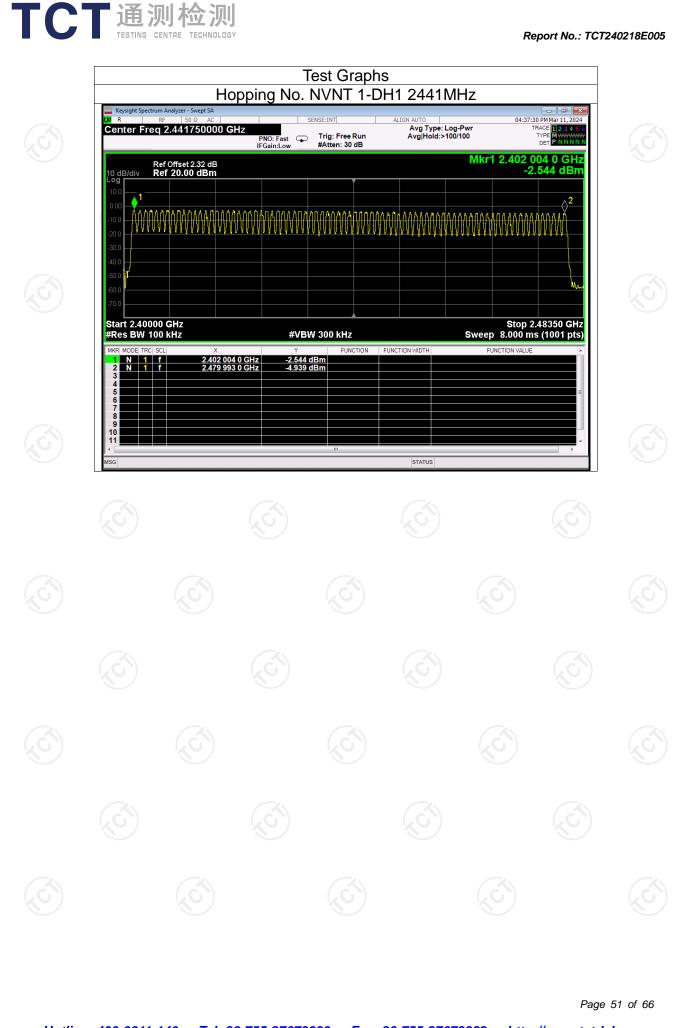
Trig: Free Run #Atten: 30 dB

PNO: Fast ↔→ IFGain:Low Avg Type: Log-Pw Avg|Hold: 10/10

Report No.: TCT240218E005

04:29:39 PM Mar 11, 2024 TRACE 1 2 3 4 5 TYPE MWWWW DET P NNNN

C	ondition NVNT	Mode 1-DH	e 1	Hopping N 79	g Channel Iumber	Limit 15	Verd Pas	

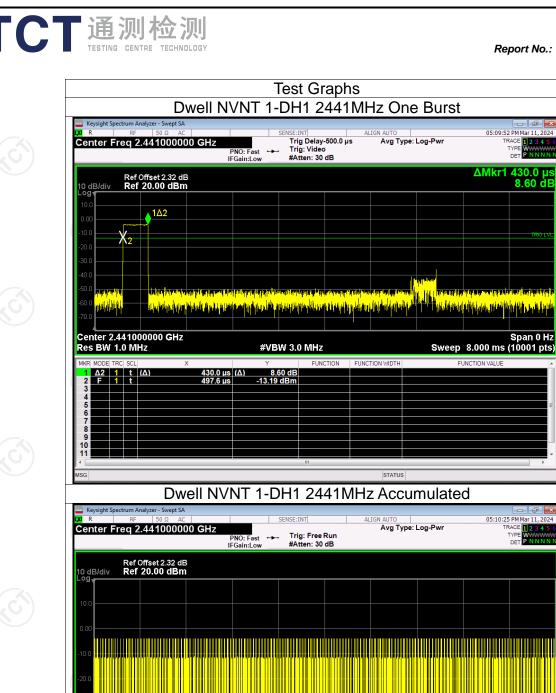


Report No.: TCT2402

	Dwell Time									
Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict		
NVNT	1-DH1	2441	0.43	136.31	317	31600	400	Pass		
NVNT	1-DH3	2441	1.69	287.30	170	31600	400	Pass		
NVNT	1-DH5	2441	2.93	310.58	106	31600	400	Pass		

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

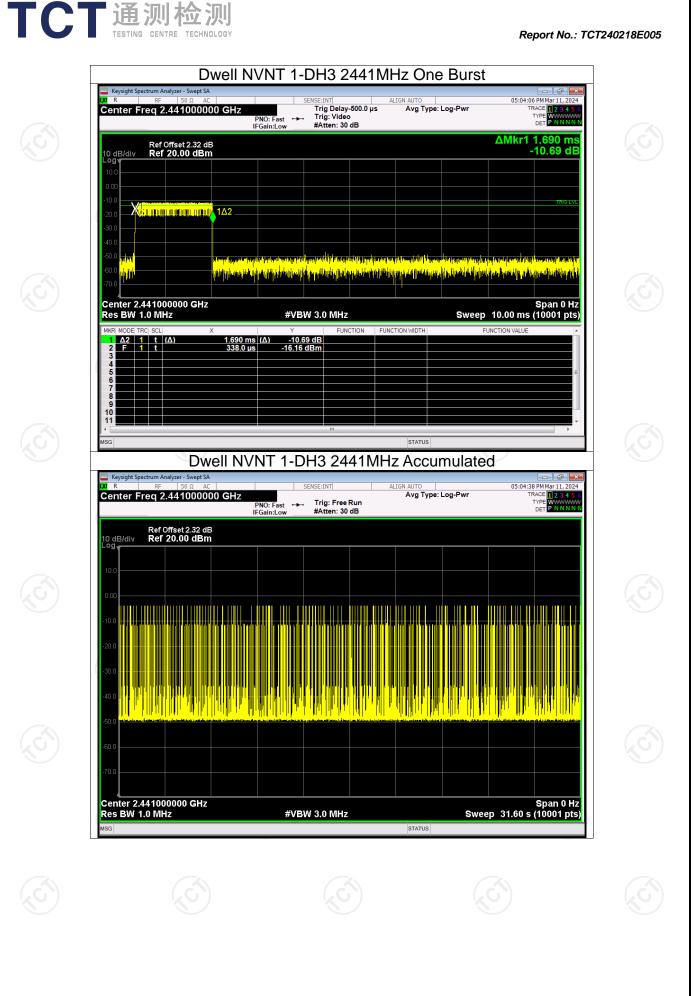


Center 2.441000000 GHz Res BW 1.0 MHz



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#VBW 3.0 MHz



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TC	通测检测 TESTING CENTRE TECHNOLOGY Report No.	: TCT240218E005
	Dwell NVNT 1-DH5 2441MHz One Burst	×
	IX RF 50 Ω AC SENSE:INT ALIGN AUTO 05:02:46 PM Mar 11, 20: Center Freq 2.441000000 GHz Trig Delay-500.0 µs Avg Type: Log-Pwr TRACE 12:3:4 PNO: Fast IFGain:Low → Trig: Video Trig: Video Trig: Video	
	Ref Offset 2.32 dB ΔMkr1 2.930 m 10 dB/div Ref 20.00 dBm 0.94 dl 10 g 10 dB/div 0	
	-30.0 -40.0 -50.0	
	-60.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Res BW 1.0 MHz #VBW 3.0 MHz Sweep 10.00 ms (10001 pt: MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 1 Δ2 1 t (Δ) 2.930 ms (Δ) 0.94 dB	
	2 F 1 t 281.0 µs -16.83 dBm 3	E
	Dwell NVNT 1-DH5 2441MHz Accumulated	
	Keysight Spectrum Analyzer - Swept SA Image: Sex	94
	IFGain:Low #Atten: 30 dB Ref Offset 2.32 dB 10 dB/div Ref 20.00 dBm	Ī
	-20.0	
	-70.0	
	Center 2.441000000 GHz Span 0 H Res BW 1.0 MHz #VBW 3.0 MHz Sweep 31.60 s (10001 pt MSG status	5)

