	<b>TEST RE</b>	POR	Т				
FCC ID :	2BEQO-T11						
Test Report No:	TCT250226E021						
Date of issue:	Mar. 04, 2025						
Testing laboratory:	SHENZHEN TONGO	E TESTING	G LAB	7.			
Testing location/ address:	2101 & 2201, Zhenc Fuhai Subdistrict, Ba 518103, People's Re	o'an District	, Shenzhen, Guar				
Applicant's name: :	SHENZHEN HAOCH	HENG TECH	INOLOGY CO., L <sup>-</sup>	rd			
Address:	501, Main Building, C Gaofa Community, S city, 518000 China	•		•			
Manufacturer's name :	SHENZHEN HAOCH	IENG TECH	INOLOGY CO., L	ГD			
Address:	501, Main Building, C Gaofa Community, S city, 518000 China	-		•			
Standard(s) :	FCC CFR Title 47 Pa FCC KDB 558074 D ANSI C63.10:2020						
Product Name::	Smart Band						
Trade Mark:	N/A		C.				
Model/Type reference :	T11						
Rating(s):	Rechargeable Li-ion	Battery DC	3.8V				
Date of receipt of test item	Feb. 26, 2025		G	E.			
Date (s) of performance of test:	Feb. 26, 2025 ~ Mar	. 04, 2025	<i>S</i>				
Tested by (+signature) :	Yannie ZHONG		Yannie Zoongo				
Check by (+signature) :	Beryl ZHAO						
Approved by (+signature):	Tomsin						
General disclaimer:				9			

#### General disclaimer:

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## **1. General Product Information**

## 1.1. EUT description

Product Name:	Smart Band	(C)
Model/Type reference:	T11	
Sample Number:	TCT250226E021-0101	
Bluetooth Version:	V5.3 (This report is for BDR+EDR)	
Operation Frequency:	2402MHz~2480MHz	
Transfer Rate:	1/2 Mbits/s	
Number of Channel:	79	
Modulation Type:	GFSK, π/4-DQPSK	
Modulation Technology:	FHSS	
Antenna Type:	Internal Antenna	
Antenna Gain:	-9.13dBi	
Rating(s):	Rechargeable Li-ion Battery DC 3.8V	

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	2421MHz	39	2441MHz	59	2461MHz	$(\mathbf{C})$	-
Remark: Cł	nannel 0, 39	& 78 have I	been tested	for GFSK, π	r/4-DQPSK r	nodulation r	mode.

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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	· · · · · · · · · · · · · · · · · · ·		
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:	22.8 °C	23.9 °C					
Humidity:	49 % RH	53 % RH					
Atmospheric Pressure:	1010 mbar	1010 mbar					
Test Software:							
Software Information: FCC Assist 1.0.4							
Power Level: 10							

Test Mode:

Keep the EUT in continuous transmitting by select channel and modulations with Fully-charged battery.
champed and modulations with raily charged battery

The sample was placed 0.8m & 1.5m for the measurement below & above 1GHz 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	R37M4PR7QD4SE3	/	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. 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
  - SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Innovation, Science and Economic Development 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 %.

Item	MU
Conducted Emission	± 3.10 dB
RF power, conducted	± 0.12 dB
Spurious emissions, conducted	± 0.11 dB
All emissions, radiated(<1 GHz)	± 4.56 dB
All emissions, radiated(1 GHz - 18 GHz)	• ± 4.22 dB
All emissions, radiated(18 GHz- 40 GHz)	± 4.36 dB
	Conducted Emission         RF power, conducted         Spurious emissions, conducted         All emissions, radiated(<1 GHz)



## 5. Test Results and Measurement Data

## 5.1. Antenna requirement

#### Standard requirement: FCC Part15 C Section 15.203 /247(c)

#### 15.203 requirement:

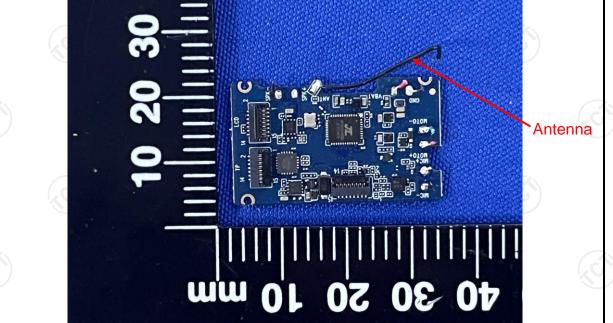
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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 internal antenna which permanently attached, and the best case gain of the antenna is -9.13dBi.





## 5.2. Conducted Emission

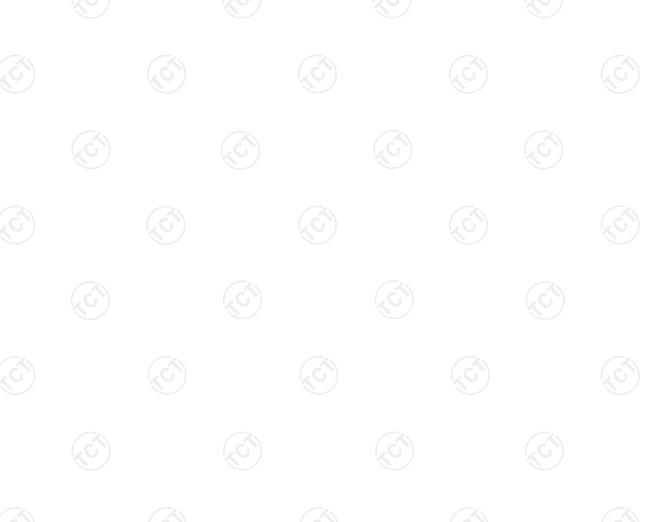
#### 5.2.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.207					
Test Method:	ANSI C63.10:2020					
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: Test Mode:	Image: stable definition       40 cm         Image: stable definition       80 cm         Image: stable definition       80 cm         Image: stable definition       80 cm         Image: stable definition       10 cm         Image: stable d					
Lest Mode.						
	Charging + Transmittin	-	an thuasach a line			
	<ol> <li>The E.U.T is connerimpedance stabilizing provides a 500hm/5 measuring equipment</li> <li>The peripheral device power through a LI coupling impedance refer to the block photographs).</li> <li>Both sides of A.C. conducted interferer emission, the relative the interface cables</li> </ol>	cted to an adapte ation network 50uH coupling im nt. ces are also conne SN that provides with 50ohm tern diagram of the line are checken nce. In order to fin e positions of equi must be changed	(L.I.S.N.). This pedance for the ected to the mains a 50ohm/50uh nination. (Please test setup and ed for maximum nd the maximum ipment and all o l according to			
Test Procedure: Test Result:	<ol> <li>The E.U.T is connelimpedance stabilizing provides a 500hm/5 measuring equipment</li> <li>The peripheral device power through a LI coupling impedance refer to the block photographs).</li> <li>Both sides of A.C. conducted interferent emission, the relative</li> </ol>	cted to an adapte ation network 50uH coupling im nt. ces are also conne SN that provides with 50ohm tern diagram of the line are checken nce. In order to fin e positions of equi must be changed	(L.I.S.N.). This pedance for the ected to the mains a 50ohm/50uh nination. (Please test setup and ed for maximum nd the maximum ipment and all o l according to			

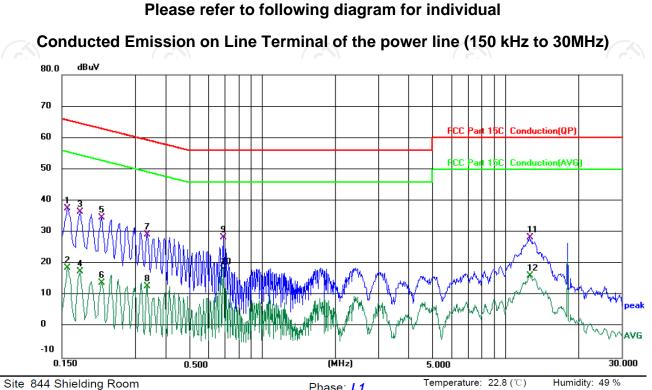


#### 5.2.2. Test Instruments

Conducted Emission Shielding Room Test Site (843)									
Equipment	Manufacturer	Model Serial Numb		Calibration Due					
EMI Test Receiver	R&S	ESCI3	100898	Jun. 26, 2025					
LISN	Schwarzbeck	NSLK 8126	8126453	Jan. 20, 2026					
Attenuator	N/A	10dB	164080	Jun. 26, 2025					
Line-5	ТСТ	CE-05	/	Jun. 26, 2025					
EMI Test Software	EZ_EMC	EMEC-3A1	1.1.4.2	1					



#### 5.2.3. Test data



 Site 844 Shielding Room
 Phase: L1
 Temperature: 22.8 (°C)
 Humidity:

 Limit: FCC Part 15C Conduction(QP)
 Power: DC 5 V(Adapter Input AC 120 V/60 Hz)

LIIIII						1 0 1 0		(Vidapier inj	
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1580	27.58	9.95	37.53	65.57	-28.04	QP	
2		0.1580	8.69	9.95	18.64	55.57	-36.93	AVG	
3		0.1779	26.60	9.94	36.54	64.58	-28.04	QP	
4		0.1779	7.62	9.94	17.56	54.58	-37.02	AVG	
5		0.2179	24.81	9.92	34.73	62.90	-28.17	QP	
6		0.2179	4.08	9.92	14.00	52.90	-38.90	AVG	
7		0.3339	19.28	9.93	29.21	59.35	-30.14	QP	
8		0.3339	2.83	9.93	12.76	49.35	-36.59	AVG	
9	*	0.6900	18.36	9.90	28.26	56.00	-27.74	QP	
10		0.6900	8.24	9.90	18.14	46.00	-27.86	AVG	
11		12.5459	17.91	10.36	28.27	60.00	-31.73	QP	
12		12.5459	5.75	10.36	16.11	50.00	-33.89	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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80.0 dBu¥ 70 FCC 5C Conduction(QP) 60 FICC . Part 15C Conduction(AVG 50 40 30 20 10 neal 0 AVG -10 30.000 0.150 0.500 (MHz) 5.000

Temperature: 22.8 (℃)

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

Site 844 Shielding Room Phase: N Power: DC 5 V(Adapter Input AC 120 V/60 Hz) Limit: FCC Part 15C Conduction(QP)

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				( /					
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1580	27.87	9.94	37.81	65.57	-27.76	QP	
2		0.1580	6.94	9.94	16.88	55.57	-38.69	AVG	
3		0.1980	25.92	9.93	35.85	63.69	-27.84	QP	
4		0.1980	5.64	9.93	15.57	53.69	-38.12	AVG	
5	*	0.2379	24.53	9.93	34.46	62.17	-27.71	QP	
6		0.2379	5.29	9.93	15.22	52.17	-36.95	AVG	
7		0.3940	18.85	9.94	28.79	57.98	-29.19	QP	
8		0.3940	3.34	9.94	13.28	47.98	-34.70	AVG	
9		0.9260	10.95	9.97	20.92	56.00	-35.08	QP	
10		0.9260	2.92	9.97	12.89	46.00	-33.11	AVG	
11		12.7700	17.06	10.42	27.48	60.00	-32.52	QP	
12		12.7700	6.70	10.42	17.12	50.00	-32.88	AVG	

#### Note1:

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.

#### Note2:

Measurements were conducted in all three channels (high, middle, low) and two modulation (GFSK, Pi/4 DQPSK), and the worst case Mode (Middle channel and GFSK) was submitted only.

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Humidity: 49 %



## 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 bandwidd 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.		
Test Result:	PASS		

### 5.3.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	<b>Calibration Due</b>
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB		



## 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:	<ol> <li>The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>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.</li> <li>Measure and record the results in the test report.</li> </ol>
Test Result:	PASS O

#### 5.4.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	<b>Calibration Due</b>	
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025	
Combiner Box	Ascentest	AT890-RFB	/	/	





## 5.5. Carrier Frequencies Separation

#### 5.5.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)
Test Method:	KDB 558074 D01 v05r02
Limit:	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.
Test Setup:	Spectrum Analyzer
Test Mode:	Hopping mode
Test Procedure:	<ol> <li>The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Enable the EUT hopping function.</li> <li>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.</li> <li>Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Record the value in report.</li> </ol>
Test Result:	PASS

#### 5.5.2. Test Instruments

Name	Manufacturer	Model No.	Sorial Number	Calibration Due
Name	Wanuacturer	would no.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB		



## 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:	Spectrum Analyzer EUT			
Test Mode:	Hopping mode			
Test Procedure:	<ol> <li>The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Enable the EUT hopping function.</li> <li>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.</li> <li>The number of hopping frequency used is defined as the number of total channel.</li> <li>Record the measurement data in report.</li> </ol>			
Test Result:	PASS			

#### 5.6.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	/	/

## 5.7. Dwell Time

## 5.7.1. Test Specification

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:	<ol> <li>The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Enable the EUT hopping function.</li> <li>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 &gt;&gt; 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.</li> <li>Measure and record the results in the test report.</li> </ol>
Test Result:	PASS

#### 5.7.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	<b>Calibration Due</b>
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB		

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## 5.8. Pseudorandom Frequency Hopping Sequence

#### Test Requirement: FCC Part15 C Section 15.247 (a)(1) requirement:

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

Alternatively. 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, provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

#### EUT Pseudorandom Frequency Hopping Sequence

The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first one of 9 consecutive ones; i.e. the shift register is initialized with nine ones.

Number of shift register stages: 9

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- Length of pseudo-random sequence:  $2^9 1 = 511$  bits
- Longest sequence of zeros: 8 (non-inverted signal)

Linear Feedback Shift Register for Generation of the PRBS sequence An example of Pseudorandom Frequency Hopping Sequence as follow: 0 2 4 6 62 64 78 1 73 75 77 Each frequency used equally on the average by each transmitter. The system receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.



## 5.9. Conducted Band Edge Measurement

#### 5.9.1. 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
Test Mode:	Transmitting mode with modulation
Test Procedure:	<ol> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>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.</li> <li>Enable hopping function of the EUT and then repeat step 2 and 3.</li> <li>Measure and record the results in the test report.</li> </ol>
Test Result:	PASS (C)

#### 5.9.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	<b>Calibration Due</b>
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB		



## 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
Test Mode:	Transmitting mode with modulation
Test Procedure:	<ol> <li>The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>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.</li> <li>Measure and record the results in the test report.</li> <li>The RF fundamental frequency should be excluded against the limit line in the operating frequency band.</li> </ol>
Test Result:	PASS

#### 5.10.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	<b>Calibration Due</b>
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB		

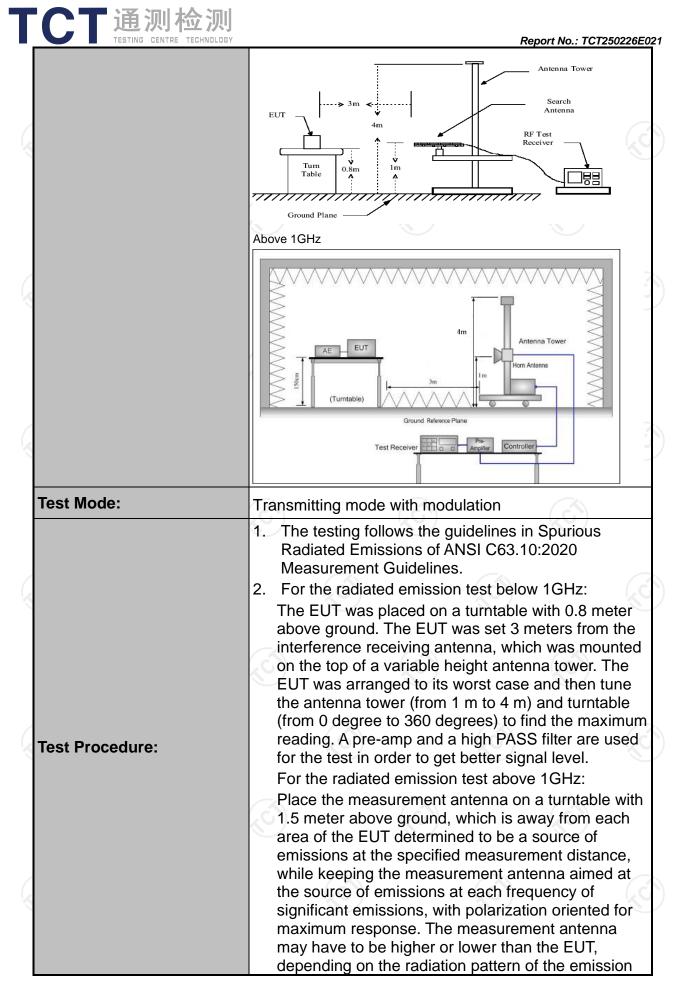


## 5.11. Radiated Spurious Emission Measurement

#### 5.11.1. Test Specification

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Test Requirement:	FCC Part15	C Sectior	n 15.209 👌						
Test Method:	ANSI C63.10	):2020							
Frequency Range:	9 kHz to 25	GHz				()			
Measurement Distance:	3 m	X			K.	7			
Antenna Polarization:	Horizontal &	Horizontal & Vertical							
	Frequency	Detector	RBW	VBW		Remark			
	9kHz- 150kHz	Quasi-peal		1kHz		si-peak Value			
Receiver Setup:	150kHz- 30MHz	Quasi-peal	k 9kHz	30kHz	Qua	si-peak Value			
	30MHz-1GHz	Quasi-peal		300KHz		si-peak Value			
	Above 1GHz	Peak	1MHz	3MHz		eak Value			
		Peak	1MHz	10Hz	Ave	erage Value			
	Frequer	ю	Field Str (microvolts			asurement			
	0.009-0.4	490	2400/F(		01513	nce (meters) 300			
	0.490-1.		2400/F			30			
	1.705-3		30	· ·	30				
	30-88		100		3				
1 : :4-	88-210		150			3			
Limit:	216-96 Above 9		200 500			3			
	Frequency Above 1GH:		500 500	Distan (mete 3 3	Average				
Test setup:	For radiated emi	stance = 3m	30MHz		Compu				
ý) (ý)			(	(C)					
						Page 20 of 6			



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Test results:	receiving the mat measurement an maximizes the er antenna elevation restricted to a rar above the ground 3. Set to the maxin EUT transmit co 4. Use the following (1) Span shall w emission be (2) Set RBW=12 for f>1GHz ; Sweep = at = max hold (3) For average correction f 15.35(c). Du On time =N1 Where N1 i length of ty Average Er Level + 20*	ed at the emission source ximum signal. The final tenna elevation shall be t missions. The measureme n for maximum emissions nge of heights of from 1 m d or reference ground plan mum power setting and e ntinuously. g spectrum analyzer settin vide enough to fully captu ing measured; 20 kHz for f < 1 GHz, RBV VBW≥RBW; uto; Detector function = pe	hat which ent shall be n to 4 m ne. enable the ngs: re the W=1MHz eak; Trace cycle illiseconds n-1+Nn*Ln s, L1 is ssion Cable
<u>Hotline: 400-6611-140 Tel:</u>	<u>86-755-27673339 Fax: 86-</u>	-755-27673332 http://www.	Page 22 of 69 <u>tct-lab.com</u>



### 5.11.2. Test Instruments

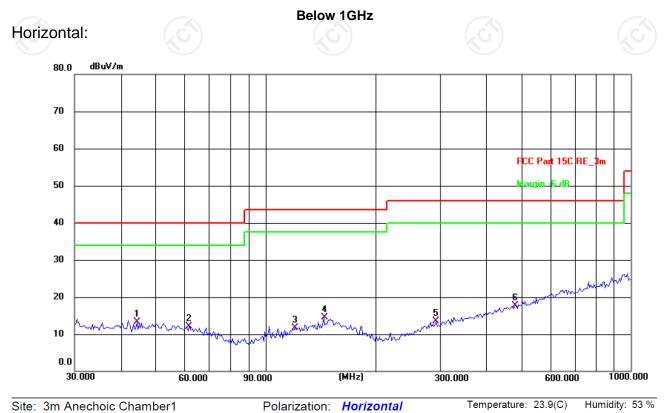
		nission Test Site		
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESCI7	100529	Jan. 20, 2026
Spectrum Analyzer	R&S	FSQ40	200061	Jun. 26, 2025
Pre-amplifier	SKET	LNPA_0118G- 45	SK2021012 102	Jan. 20, 2026
Pre-amplifier	SKET	LNPA_1840G- 50	SK2021092 03500	Jan. 20, 2026
Pre-amplifier	HP	8447D	2727A05017	Jun. 26, 2025
Loop antenna	Schwarzbeck	FMZB1519B	00191	Jun. 26, 2025
Broadband Antenna	Schwarzbeck	VULB9163	340	Jun. 28, 2025
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Jun. 28, 2025
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Jan. 22, 2026
Coaxial cable	SKET	RE-03-D	/	Jun. 26, 2025
Coaxial cable	SKET	RE-03-M		Jun. 26, 2025
Coaxial cable	SKET	RE-03-L	/	Jun. 26, 2025
Coaxial cable	SKET	RE-04-D		Jun. 26, 2025
Coaxial cable	SKET	RE-04-M	R	Jun. 26, 2025
Coaxial cable	SKET	RE-04-L	/	Jun. 26, 2025
Antenna Mast	Keleto	RE-AM		6
EMI Test Software	EZ_EMC	FA-03A2 RE+	1.1.4.2	

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#### 5.11.3. Test Data

#### Please refer to following diagram for individual



Limit: FCC Part 15C RE\_3m

Power: DC 3.8 V

201/

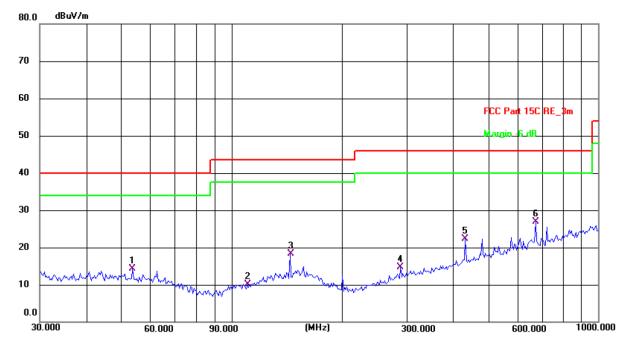
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	44.4307	25.54	-12.30	13.24	40.00	-26.76	QP	Ρ	
2	61.7779	25.09	-12.96	12.13	40.00	-27.87	QP	Ρ	
3	120.2766	25.11	-13.37	11.74	43.50	-31.76	QP	Ρ	
4	144.3344	26.52	-11.92	14.60	43.50	-28.90	QP	Ρ	
5	293.0842	24.71	-11.19	13.52	46.00	-32.48	QP	Ρ	
6	482.2155	25.55	-7.91	17.64	46.00	-28.36	QP	Ρ	

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Report No.: TCT250226E021



#### Vertical:



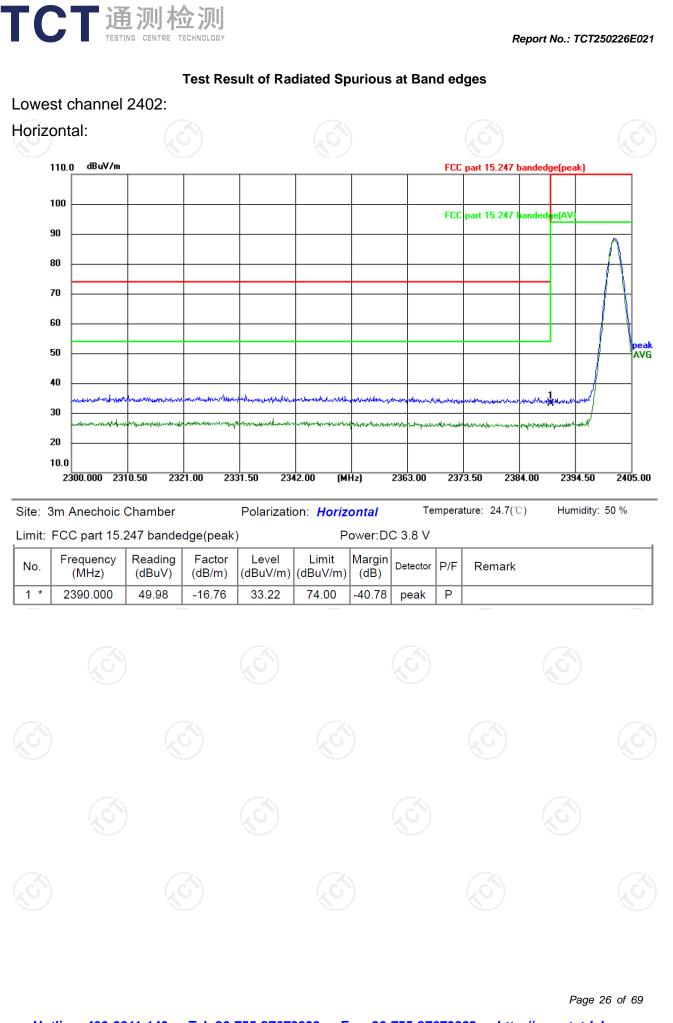
Site: 3	m Anechoic C	hamber1		Polarization: Vertical					Temperature: 23.9(C)	Humidity: 5	3 %
Limit:	FCC Part 15C F	RE_3m				Power:	DC 3.8	V			
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark		
1	53.6931	26.91	-12.52	14.39	40.00	-25.61	QP	Ρ			
2	110.5686	24.74	-14.59	10.15	43.50	-33.35	QP	Ρ			
3	144.3345	30.25	-11.92	18.33	43.50	-25.17	QP	Ρ			
4	289.0020	26.00	-11.39	14.61	46.00	-31.39	QP	Ρ			
5	434.0649	30.73	-8.44	22.29	46.00	-23.71	QP	Ρ			
6 *	675.2078	31.19	-4.33	26.86	46.00	-19.14	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 two modulation (GFSK, Pi/4 DQPSK) and the worst case Mode (Middle channel and GFSK) 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
- $Over (dB) = Measurement (dB\mu V/m) Limits (dB\mu V/m)$
- \* is meaning the worst frequency has been tested in the test frequency range.

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Report No.: TCT250226E021 Vertical: dBuV/m 110.0 FCC part 15.247 bandedge(peak) 100 FCC part 15.247 bandedge(AV) 90 80 70 60 eak 50 AVG 40 1 X 30 Montenas MA 20 10.0 2300.000 2310.50 2321.00 2331.50 2342.00 (MHz) 2363.00 2373.50 2384.00 2394.50 2405.00 Site: 3m Anechoic Chamber Polarization: Vertical Temperature: 24.7(℃) Humidity: 50 % Limit: FCC part 15.247 bandedge(peak) Power: DC 3.8 V Limit Frequency Reading Factor Level Margin No. Detector P/F Remark (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) 1 \* 2390.000 51.03 -16.76 34.27 74.00 -39.73 Ρ peak

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Report No.: TCT250226E021 Highest channel 2480: Horizontal: 110.0 dBuV/m 100 90 80 FCC part 15.247 bandedge(peak) 70 60 FCC part 15.247 bandedge(AV 50 40 30 withhereas and the strategy of the and and some Warts- Marine Ma AVG 20

2477.000 2479.80 2482.60 2485.40 2488.20 (MHz) 2493.80 2496.60 2499.40 2502.20 2505.00

Site: 3m Anechoic Chamber Polarization: *Horizontal* Temperature: 24.7(°C) Humidity: 50 %

Limit: FCC part 15.247 bandedge(peak)

10.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F	Remark
1 *	2483.500	67.50	-16.50	51.00	74.00	-23.00	peak	Ρ	

Power:DC 3.8 V



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#### Report No.: TCT250226E021 Vertical: dBuV/m 110.0 100 90 80 FCC part 15.247 bandedge(peak) 70 60 FCC part 15.247 bandedge(AV) 50 40 where he eak 30 AVG 20 10.0 2477.000 2479.80 2482.60 2485.40 2488.20 (MHz) 2493.80 2496.60 2499.40 2502.20 2505.00 Site: 3m Anechoic Chamber Polarization: Vertical Temperature: 24.7(℃) Humidity: 50 % Power: DC 3.8 V Limit: FCC part 15.247 bandedge(peak) Frequency Reading Factor Level Limit Margin Detector P/F No. Remark (dBuV) (dB/m) (dBuV/m) (dBuV/m) (MHz) (dB) 1 \* 2483.500 64.21 -16.50 47.71 74.00 -26.29 Ρ peak Note: Measurements were conducted in all three modulation (GFSK, Pi/4 DQPSK), and the worst case Mode (GFSK) was submitted only.

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#### Above 1GHz

Modulation	Type: GF	SK							
Low chann	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	55.24		-9.51	45.73		74	54	-8.27
7206	Н	46.06		-1.41	44.65		74	54	-9.35
	Н								
	2G`)		<b>(</b> ,C)		(,	·C`)		$(\mathcal{O})$	
4804	V	55.88		-9.51	46.37		74	54	-7.63
7206	V	46.42		-1.41	45.01		74	54	-8.99
	V								

Middle cha	nnel: 2441	MHz		N.	)		KO)		X
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Peak	A\/	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4882	Н	55.19		-9.36	45.83	·	74	54	-8.17
7323	KOH)	44.66	-ixo	-1.14	43.52		74	54	-10.48
	Ĥ								
						r	r		
4882	V	55.89		-9.36	46.53		74	54	-7.47
7323	V	45.52		-1.14	44.38		74	54	-9.62
	V			~ X	· /		×/		

#### High channel: 2480 MHz

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r ligh chann									
Frequency	Ant Pol	Peak	AV	Correction	Emissic	on Level	Peak limit	AV/ limit	Margin
(MHz)	H/V	reading	reading	Factor	Peak	AV		(dBµV/m)	(dB)
· · /		(dBµV)	(dBµV)	(dB/m)	(aBhr/w)	(dBµV/m)	· · /	· · · /	、 ,
4960	Н	54.97		-9.20	45.77		74	54	-8.23
7440	Н	45.01		-0.96	44.05		74	54	-9.95
	Н								
G)		$(\mathbf{G})$		(.0			(.C)		<b>)</b> ()
4960	V	54.33		-9.20	45.13		74	54	-8.87
7440	V	44.98		-0.96	44.02		74	54	-9.98
	V								

#### Note:

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

2. Margin (dB) = Emission Level (Peak) (dB $\mu$ V/m)-Average limit (dB $\mu$ 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. Measurements were conducted in all two modulation (GFSK, Pi/4 DQPSK), and the worst case Mode (GFSK) was submitted only.

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

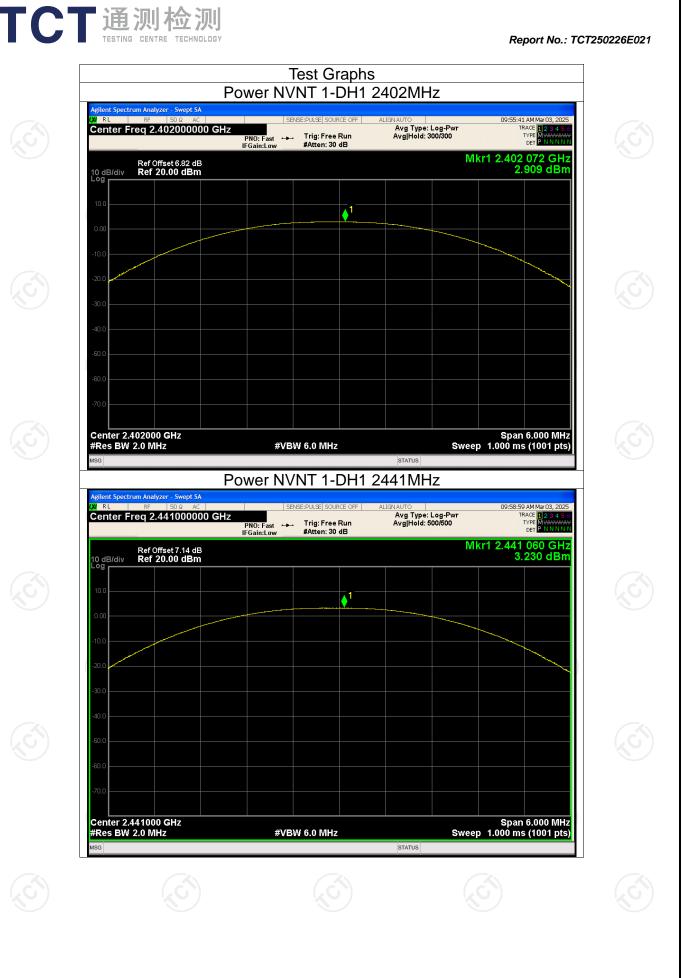


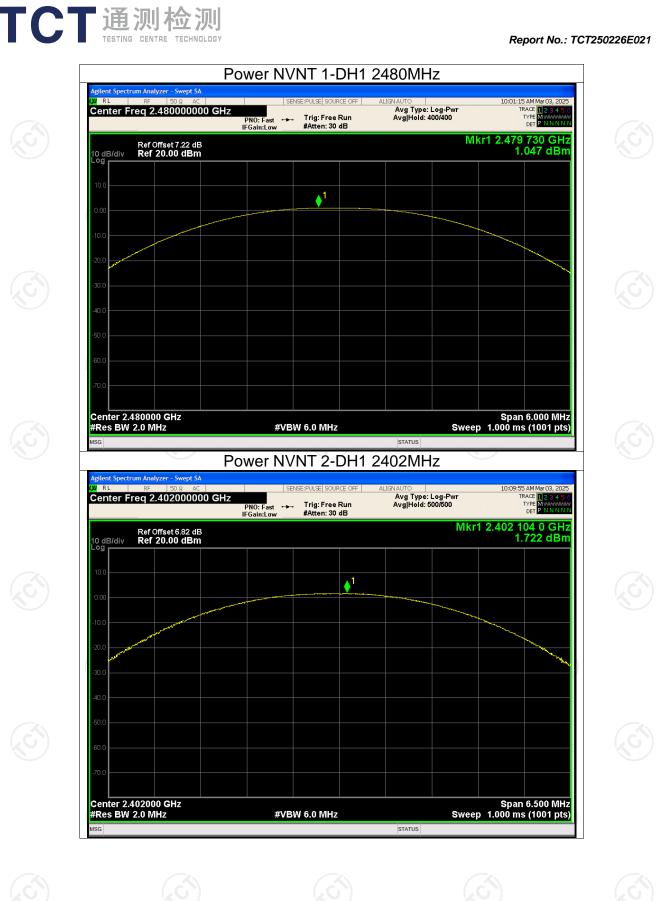
## **Appendix A: Test Result of Conducted Test**

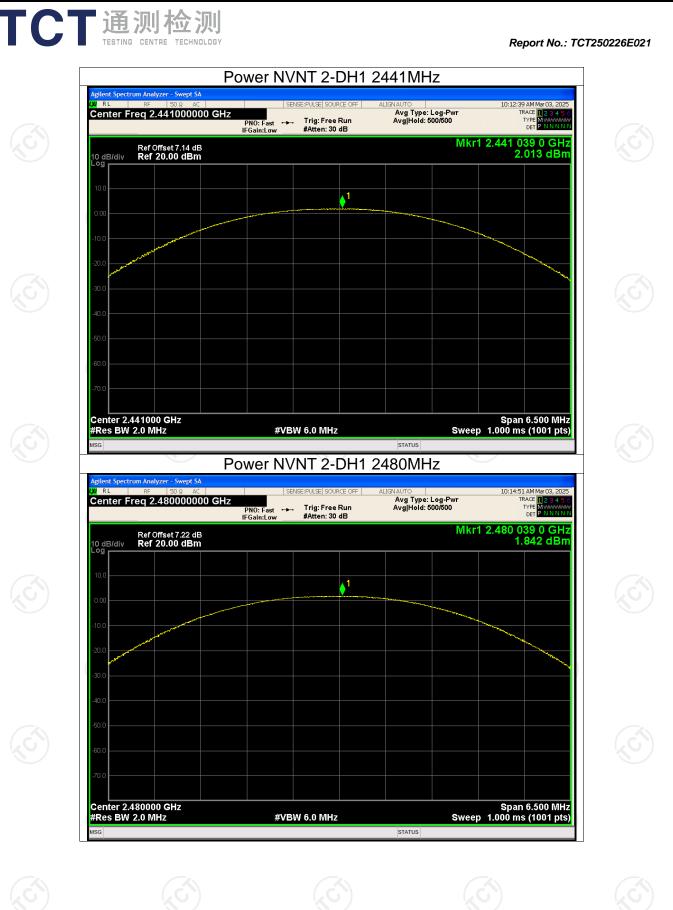
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	2.91	21	Pass
NVNT	1-DH1	2441	3.23	21	Pass
NVNT	1-DH1	2480	1.05	21	Pass
NVNT	2-DH1	2402	1.72	21	Pass
NVNT	2-DH1	2441	2.01	21	Pass
NVNT	2-DH1	2480	1.84	21	Pass



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#### -20dB Bandwidth

_								
	Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict			
	NVNT	1-DH1	2402	0.881	Pass			
	NVNT 🚫	1-DH1	2441	0.880	Pass			
	NVNT	1-DH1	2480	0.880	Pass			
	NVNT	2-DH1	2402	1.253	Pass			
1	NVNT	2-DH1	2441	1.262	Pass			
X	NVNT	2-DH1	2480	1.253	Pass			

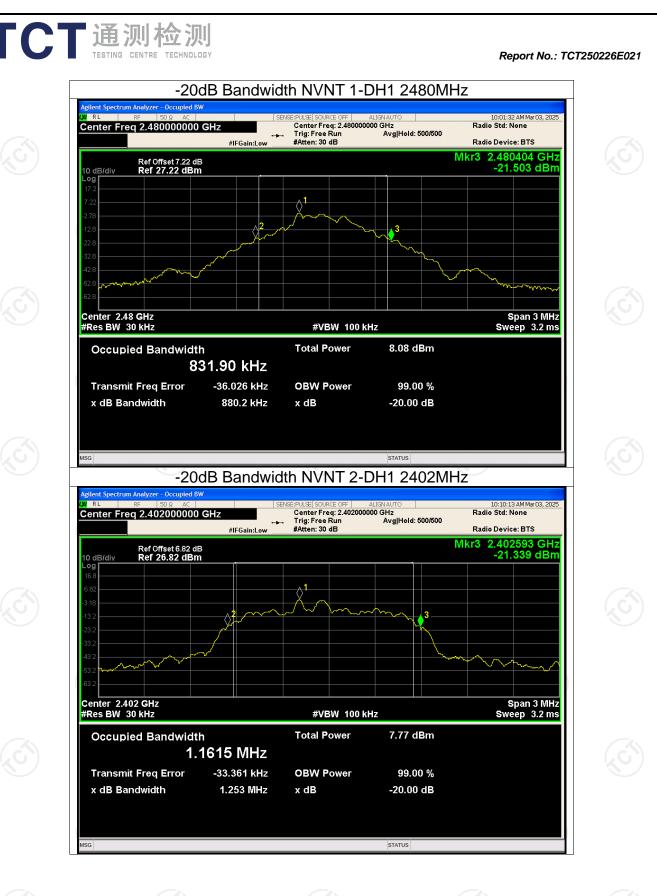




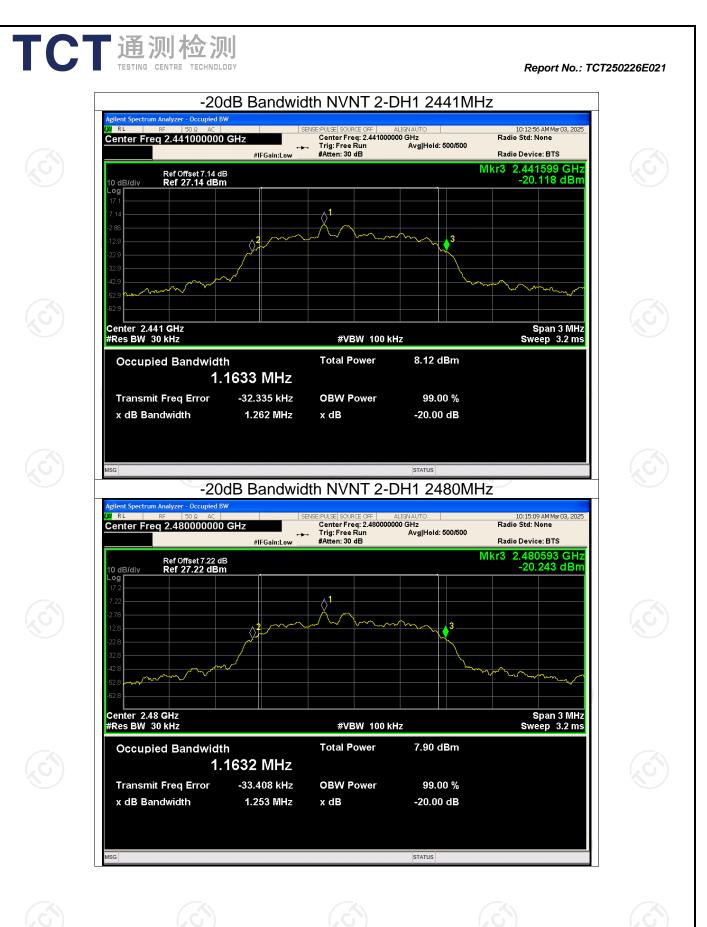




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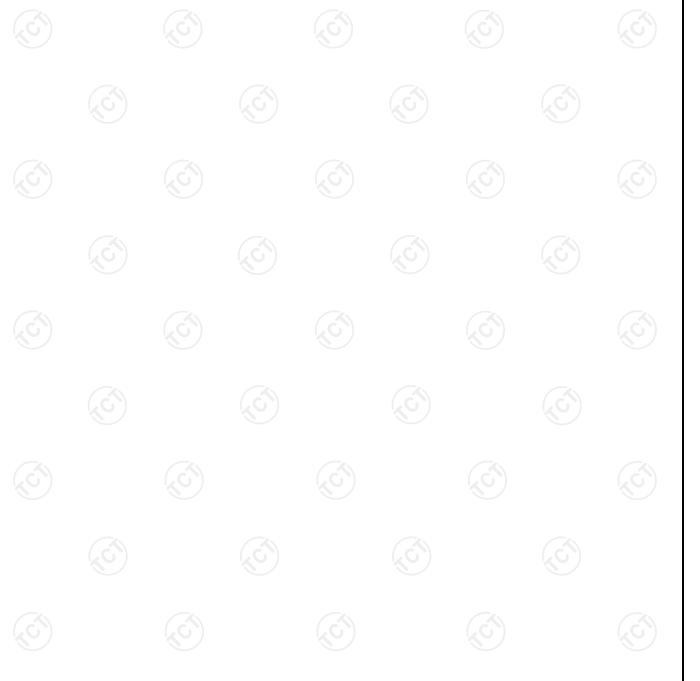


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## **Carrier Frequencies Separation**

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STATUS

### **Test Graphs** CFS NVNT 1-DH1 2402MHz ectrum Analyzer - Swept SA (IRL SENSE: PULSE SOURCE OFF 13 AM Mar 03, 2 TRACE 1 2 3 4 Center Freq 2.402500000 GHz Avg Type: Log-Pwi Avg|Hold>100/100 PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB TYPE Mkr1 2.401 804 GHz 2.756 dBm Ref Offset 6.82 dB Ref 20.00 dBm 10 a . og 1 **⊘**2 Span 2.000 MHz Sweep 1.000 ms (1001 pts) Center 2.402500 GHz #Res BW 100 kHz #VBW 300 kHz FUNCTION FUNCTION WIDTH 2.401 804 GHz 2.402 804 GHz N 1 f N 1 f 2.756 dBm 2.742 dBm 2 3 8 10 11 ISG STATUS CFS NVNT 1-DH1 2441MHz ent Spectrum Analyzer - Swept SA 10:00:40 AM Mar 03, 2025 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N N U RL SENSE:PULSE SOURCE OFF Center Freq 2.441500000 GHz Avg Type: Log-Pwr Avg|Hold:>100/100 PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.440 804 GHz 3.074 dBm Ref Offset 7.14 dB Ref 20.00 dBm 10 dB/div Log 1 Center 2.441500 GHz #Res BW 100 kHz Span 2.000 MHz Sweep 1.000 ms (1001 pts) #VBW 300 kHz FUNCTION WIDTH FUNCTION FUNCTION VALUE 3.074 dBm 3.094 dBm N 1 f N 1 f 2.440 804 GHz 2.441 806 GHz 5 67 8 9 10 11



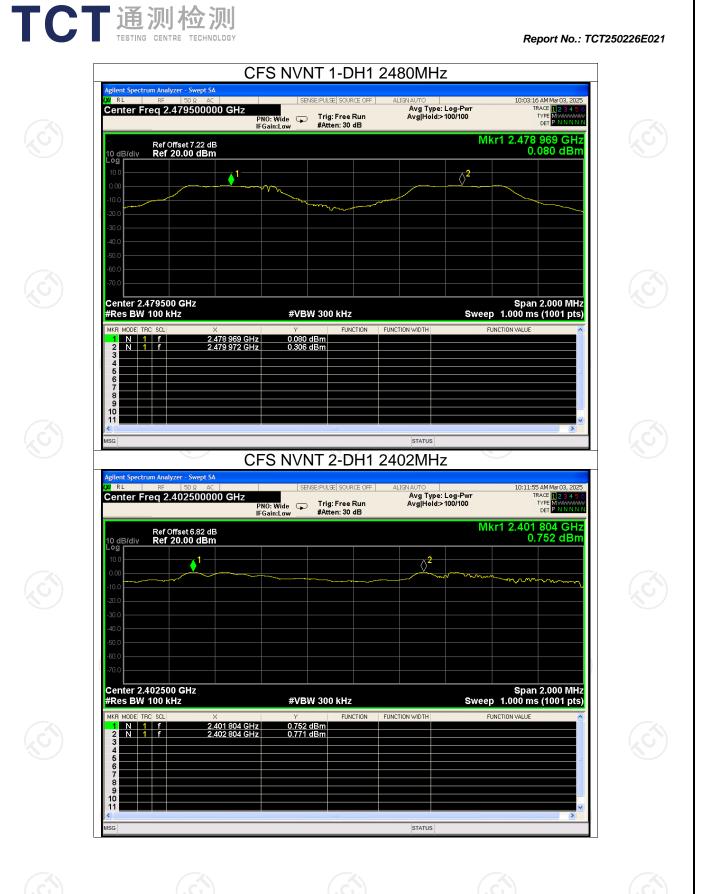
**ГСТ**通测检测

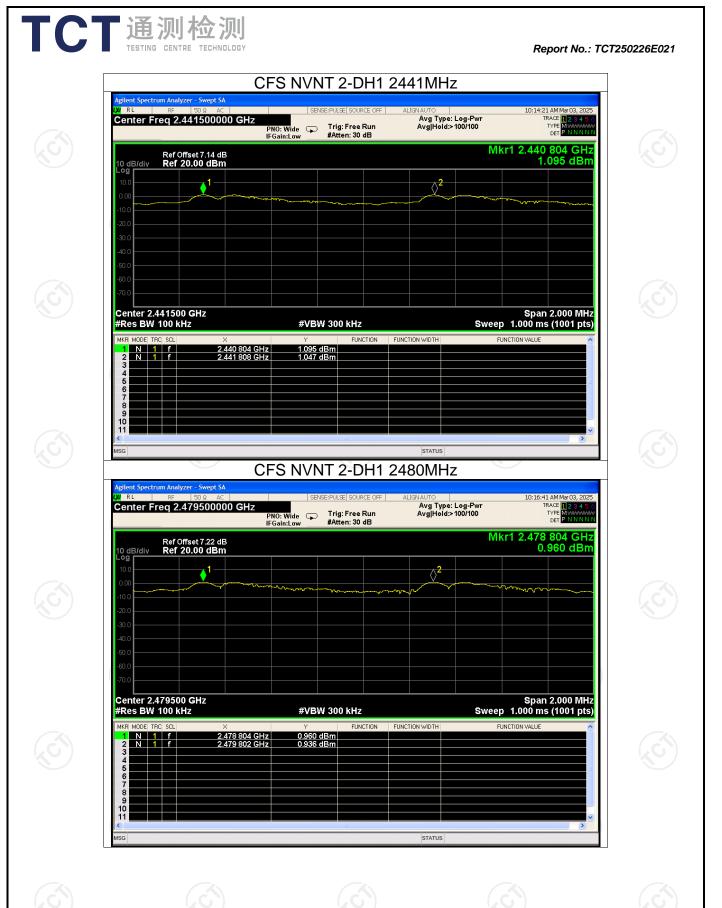
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Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	No-Hopping	-51.96	-20	Pass
NVNT	1-DH1	2480	No-Hopping	-51.65	-20	Pass
NVNT	2-DH1	2402	No-Hopping	-52.27	-20	Pass
NVNT	2-DH1	2480	No-Hopping	-51.67	-20	Pass
C			(			

		Band Edge		·	
Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Ve
1-DH1	2402	No-Hopping	-51.96	-20	F
1-DH1	2480	No-Hopping	-51.65	-20	F
2-DH1	2402	No-Hopping	-52.27	-20	F
	1-DH1 1-DH1	Wode         (MHz)           1-DH1         2402           1-DH1         2480	ModeFrequency (MHz)Hopping Mode1-DH12402No-Hopping1-DH12480No-Hopping	ModeFrequency (MHz)Hopping ModeMax Value (dBc)1-DH12402No-Hopping-51.961-DH12480No-Hopping-51.65	ModeFrequency (MHz)Hopping ModeMax Value (dBc)Limit (dBc)1-DH12402No-Hopping-51.96-201-DH12480No-Hopping-51.65-20

|--|

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# Test Graphs Band Edge NVNT 1-DH1 2402MHz No-Hopping Ref SENSE:PULSE SOURCE OFF TRACE TYPE DET Center Freq 2.402000000 GHz Avg Type: Log-Pwr Avg|Hold: 1000/1000 PNO: Wide 🔸 Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.401 936 GHz 2.843 dBm Ref Offset 6.82 dB Ref 20.00 dBm ٠ MMM m March 1 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 ilent Spectrum Analyzer - Swept SA 21 AM Mar 03, 2025 TRACE 1 2 3 4 5 TYPE MWWWW DET P N N N N SENSE:PULSE SOURCE Center Freq 2.356000000 GHz Avg Type: Log-Pwr Avg|Hold: 1000/1000 PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 30 dB

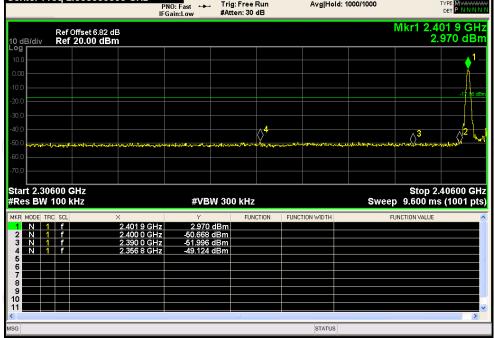
**ГСТ**通测检测

(IRL

10 dB/div Log

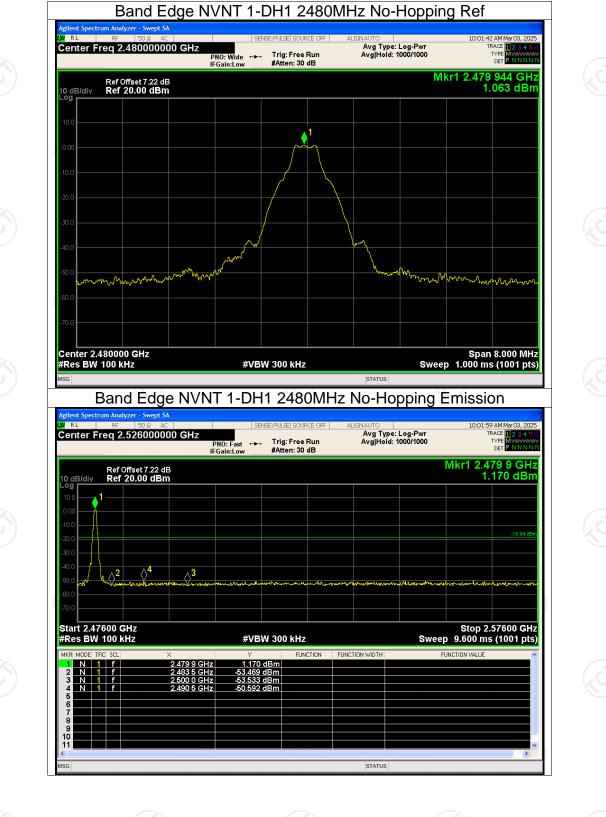
u RL

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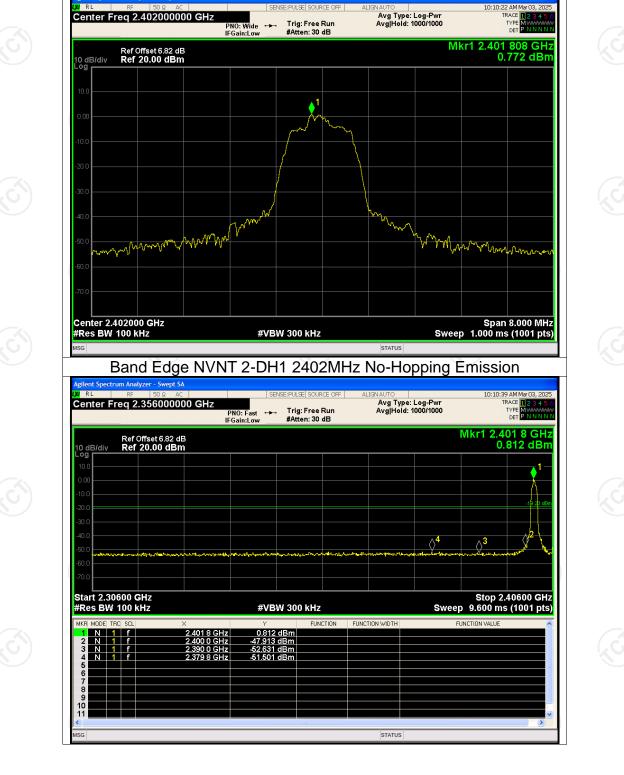
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**FCT**通测检测 TESTING CENTRE TECHNOLOGY

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Band Edge NVNT 2-DH1 2402MHz No-Hopping Ref

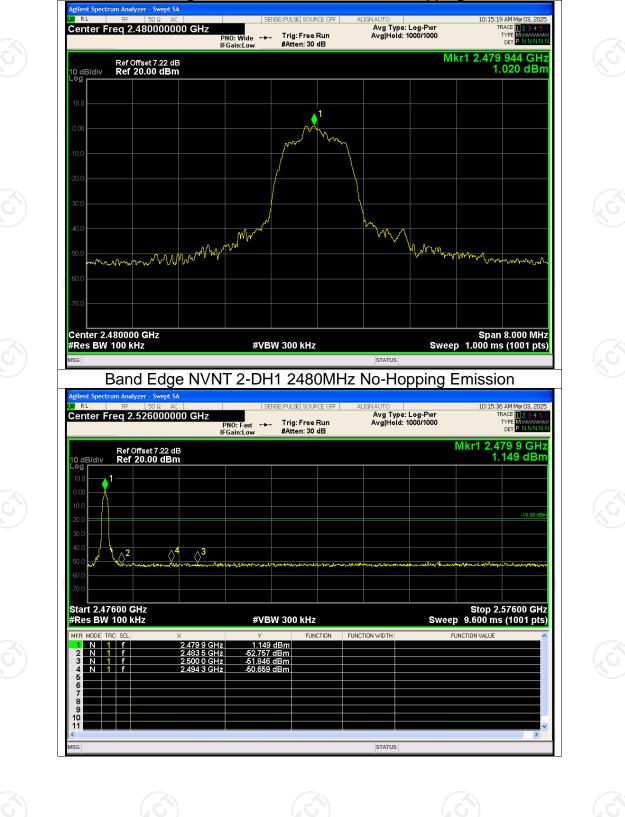
SENSE: PULSE SOURCE OFF

a RL

Center Freg 2.402000000 GHz

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Band Edge NVNT 2-DH1 2480MHz No-Hopping Ref

**FCT**通测检测 TESTING CENTRE TECHNOLOGY

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					-		
NVNT	1-DH1	2480	Hopping	-50.89	-20	Pass	
NVNT	2-DH1	2402	Hopping	-51.1	-20	Pass	
NVNT	2-DH1	2480	Hopping	-50.28	-20	Pass	
Q	S)	Ś					

# **Band Edge(Hopping)**

Frequency Hopping **Max Value** Limit Condition Mode (MHz) Mode (dBc) (dBc) NVNT 2402 -51.51 1-DH1 Hopping



Report No.: TCT250226E021

-20

Verdict

Pass

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STATUS

## Band Edge(Hopping) NVNT 1-DH1 2402MHz Hopping Ref nt Spectrum A (IRL SENSE:PULSE SOURCE OFF 21 AM Mar 03, TRACE 1 2 3 Center Freq 2.402000000 GHz Avg Type: Log-Pwr Avg|Hold: 5000/5000 TYPE MMAAAAAA DET P N N N N PNO: Wide ---- Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.403 936 GHz 0.845 dBm Ref Offset 6.82 dB Ref 20.00 dBm 10 dB/div Log Ø An And Center 2.402000 GHz #Res BW 100 kHz Span 8.000 MHz Sweep 1.000 ms (1001 pts) #VBW 300 kHz STATUS Band Edge(Hopping) NVNT 1-DH1 2402MHz Hopping Emission ilent Spectrum Analyzer - Swept SA :40 AM Mar 03, 2025 TRACE 1 2 3 4 5 TYPE MWWWWW DET P N N N N U RL SENSE: PULSE SOURCE OFF Center Freq 2.356000000 GHz Avg Type: Log-Pwr Avg|Hold: 5000/5000 PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.402 9 GHz 0.941 dBm Ref Offset 6.82 dB Ref 20.00 dBm 10 dB/div Log 1 Į. $\Diamond^4$ $\Diamond^3$ $\langle \rangle$ Stop 2.40600 GHz Sweep 9.600 ms (1001 pts) Start 2.30600 GHz #Res BW 100 kHz #VBW 300 kHz

Test Graphs

**「CT** 通测检测

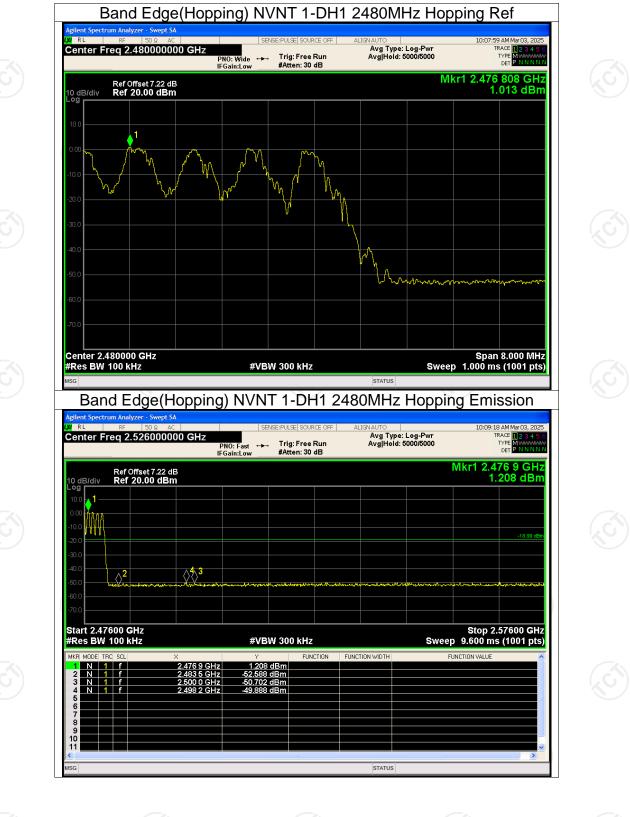
N 5

TESTING CENTRE TECHNOLOGY

FUNCTION WIDTH FUNCTION FUNCTION VALUE <u>)Hz</u> )Hz 50.886 dBm 52.675 dBm



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**ICT**通测检测 TESTING CENTRE TECHNOLOGY

Report No.: TCT250226E021

STATUS

## Center Freg 2.402000000 GHz Avg Type: Log-Pwr Avg|Hold: 5000/5000 PNO: Wide ↔→→ Trig: Free Run IFGain:Low #Atten: 30 dB TYPE MWWWWW DET P N N N N Mkr1 2.401 808 GHz 0.760 dBm Ref Offset 6.82 dB Ref 20.00 dBm 10 dB/div Log ø mmmm man Manan Marine M M marta man Center 2.402000 GHz #Res BW 100 kHz Span 8.000 MHz Sweep 1.000 ms (1001 pts) #VBW 300 kHz STATUS Band Edge(Hopping) NVNT 2-DH1 2402MHz Hopping Emission SENSE:PULSE SOURCE OFF ALIGNAUTO Avg Type: Log-Pwr Trig: Free Run Avg|Hold: 5000/5000 10:19:13 AM Mar 03, 2025 TRACE 1 2 3 4 5 TYPE MWWWW DET P N N N N Center Freq 2.356000000 GHz PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.401 9 GHz 0.940 dBm Ref Offset 6.82 dB Ref 20.00 dBm 10 dB/div Log Ų١ $\Diamond^4$ $\Diamond^3$ $\langle \rangle^2$ Start 2.30600 GHz #Res BW 100 kHz Stop 2.40600 GHz Sweep 9.600 ms (1001 pts) #VBW 300 kHz FUNCTION WIDTH FUNCTION 2.400 0 GHz 2.390 0 GHz 2.351 8 GHz 50.166 dBm 52.160 dBm 50.344 dBm N

Band Edge(Hopping) NVNT 2-DH1 2402MHz Hopping Ref

SENSE: PULSE SOURCE OFF

a RL

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TRACE

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Band Edge(Hopping) NVNT 2-DH1 2480MHz Hopping Ref

SENSE:PULSE SOURCE OFF

**ICT**通测检测 TESTING CENTRE TECHNOLOGY

a RL

#### Report No.: TCT250226E021

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

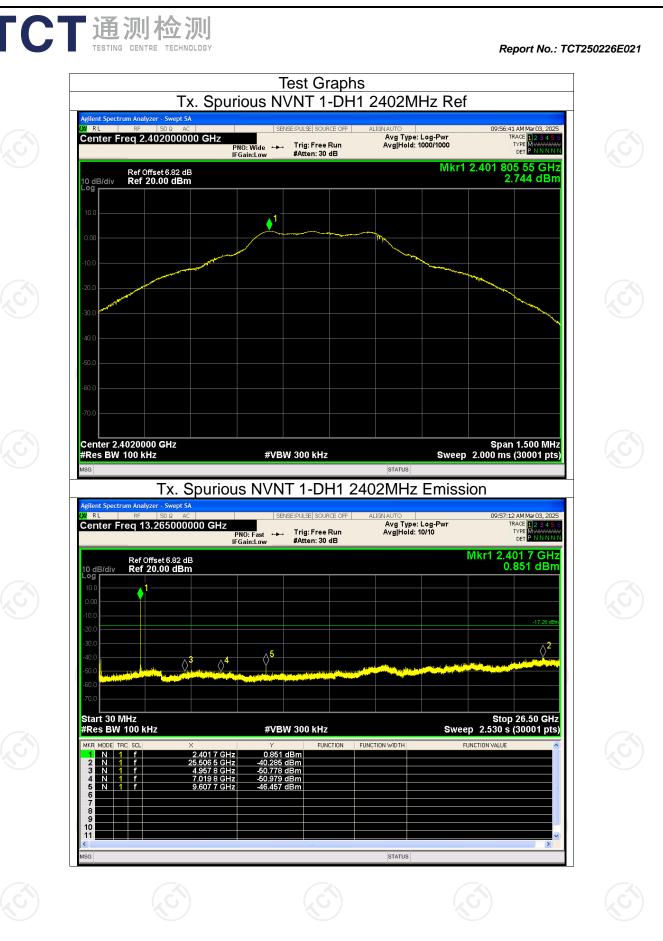
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	-43.02	-20	Pass
NVNT	1-DH1	2441	-43.32	-20	Pass
NVNT	1-DH1	2480	-41.1	-20	Pass
NVNT	2-DH1	2402	-40.39	-20	Pass
NVNT	2-DH1	2441	-44.24	-20	Pass
NVNT	2-DH1	2480	-40.32	-20	Pass

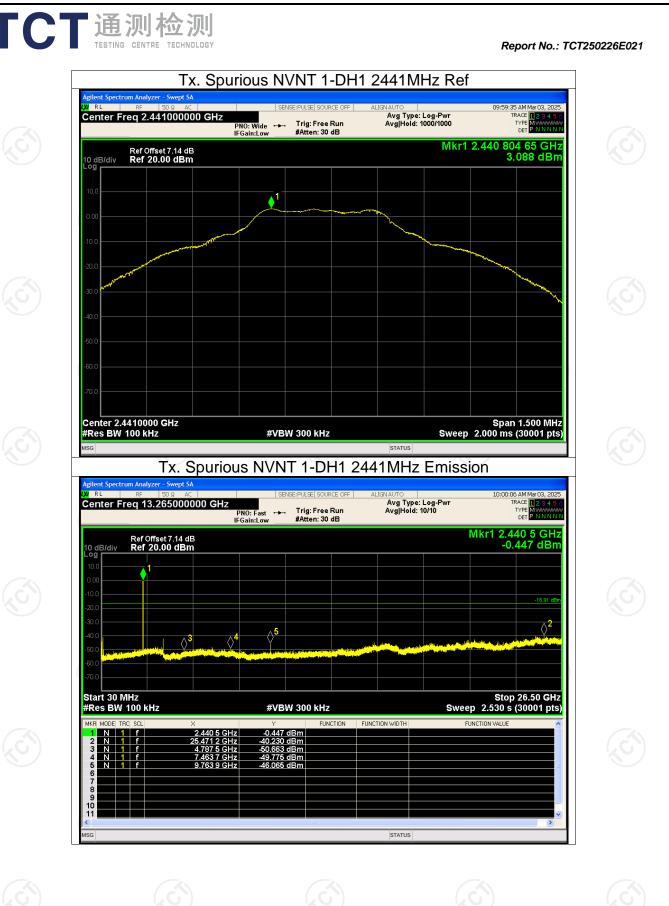
# **Conducted RF Spurious Emission**

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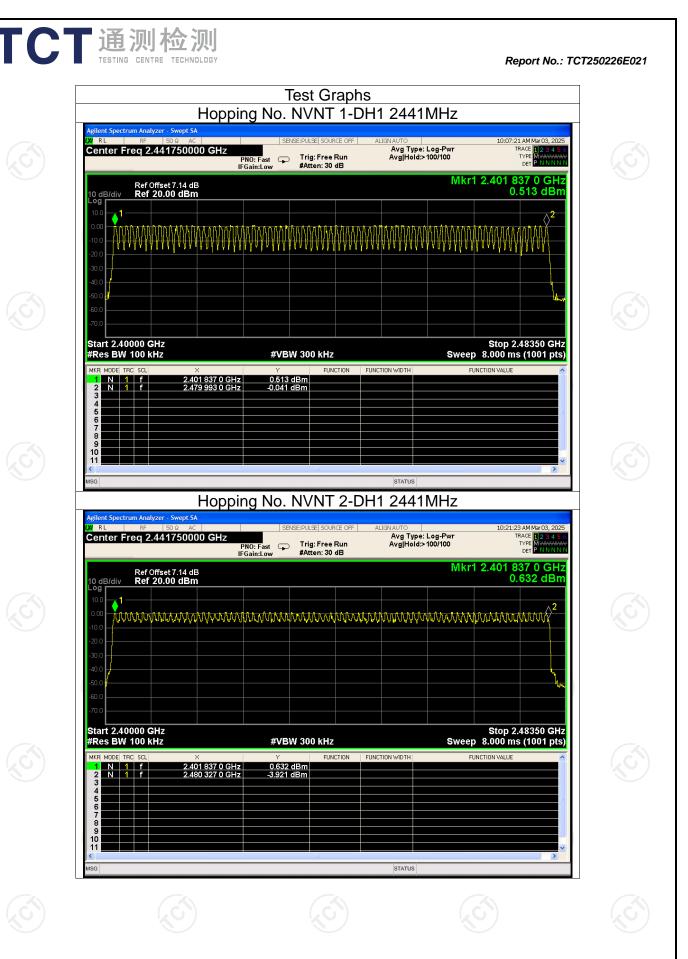


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TC		则检测				Rej	oort No.: TCT2	250226E021
(	Condition NVNT	Mode 1-DH1	lumber o	of Hopping Hopping N 79	g Channel lumber	Limit 15	Verd Pas	S
	NVNT	2-DH1		79		15	Pas	s d
<u>Hotli</u>	ne: 400-6611-	<u>140 Tel: 86-</u>	755-27673	339 Fax:	<u>86-755-2767</u>	<u>3332 http:/</u>	Page // <b>www.tct-la</b>	60 of 69 1 <b>b.com</b>



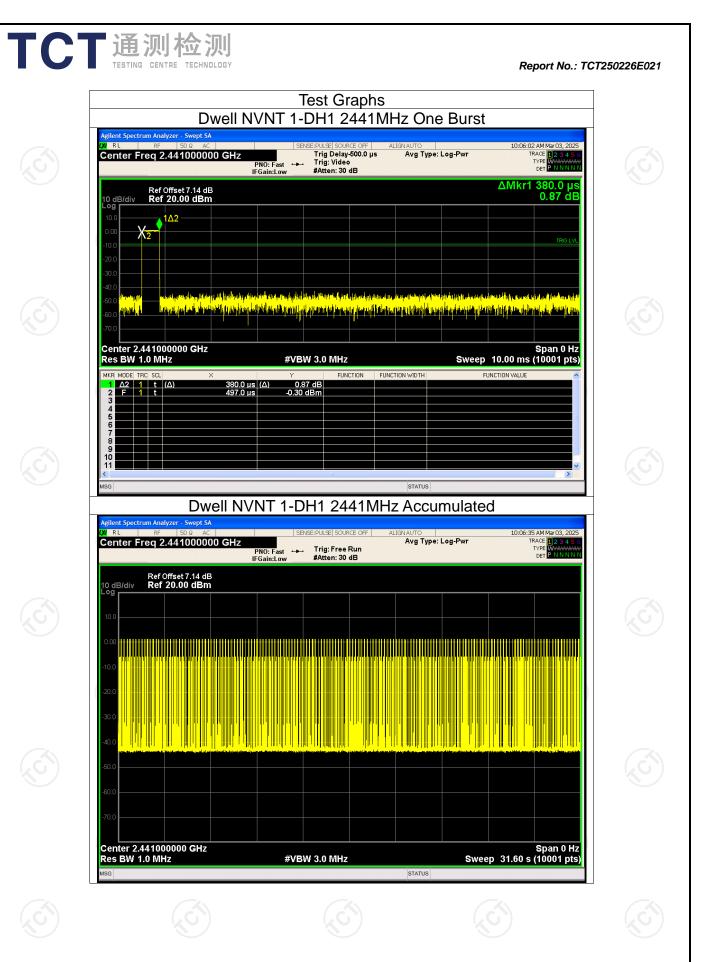
Dwell Time								
Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.38	120.46	317	31600	400	Pass
NVNT	1-DH3	2441	1.64	265.68	162	31600	400	Pass
NVNT	1-DH5	2441	2.89	306.34	106	31600	400	Pass
NVNT 🚫	2-DH1	2441	0.39	123.63	317	31600	400	Pass
NVNT	2-DH3	2441	1.64	252.56	154	31600	400	Pass
NVNT	2-DH5	2441	2.89	323.68	112	31600	400	Pass

TCT通测检测 TESTING CENTRE TECHNOLOGY

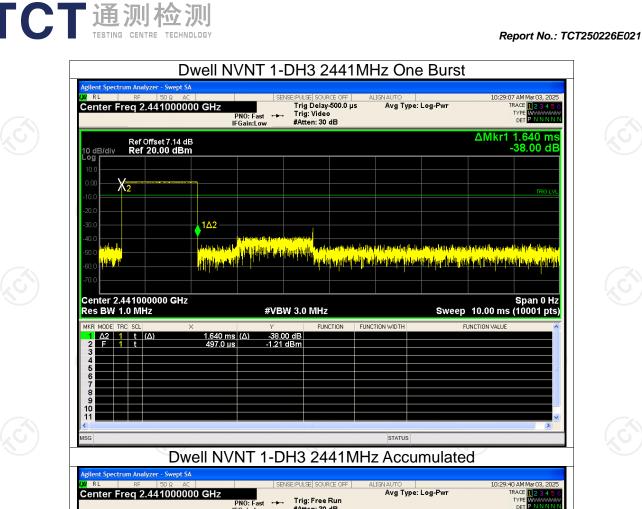
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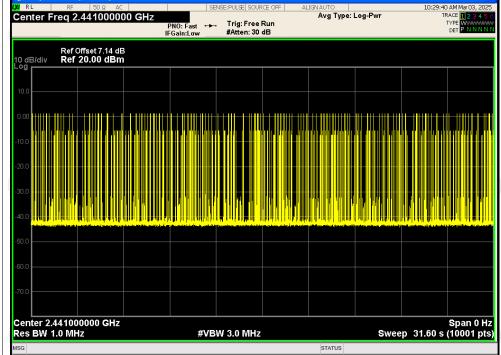
Report No.: TCT250226E021

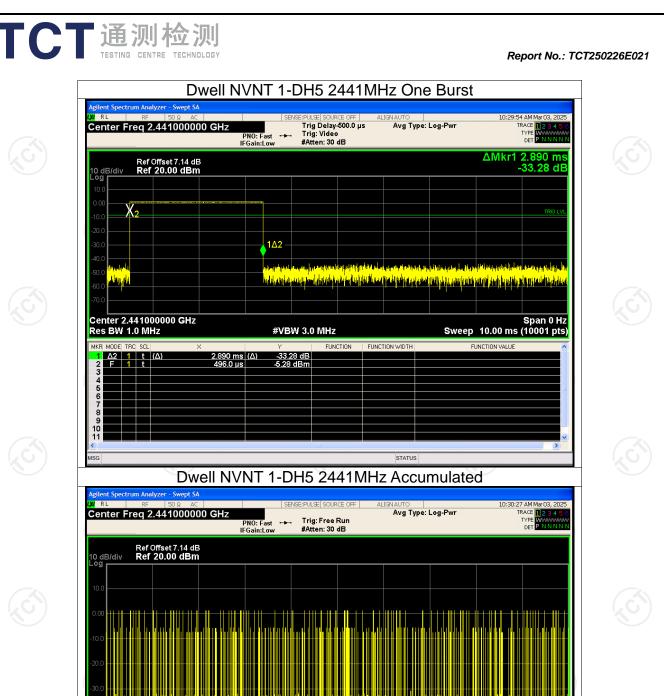
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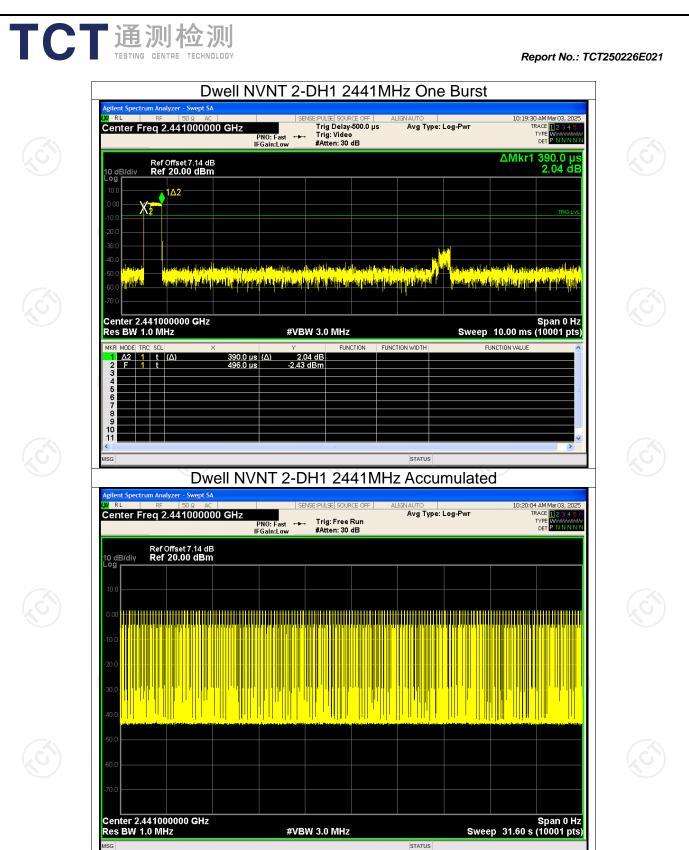


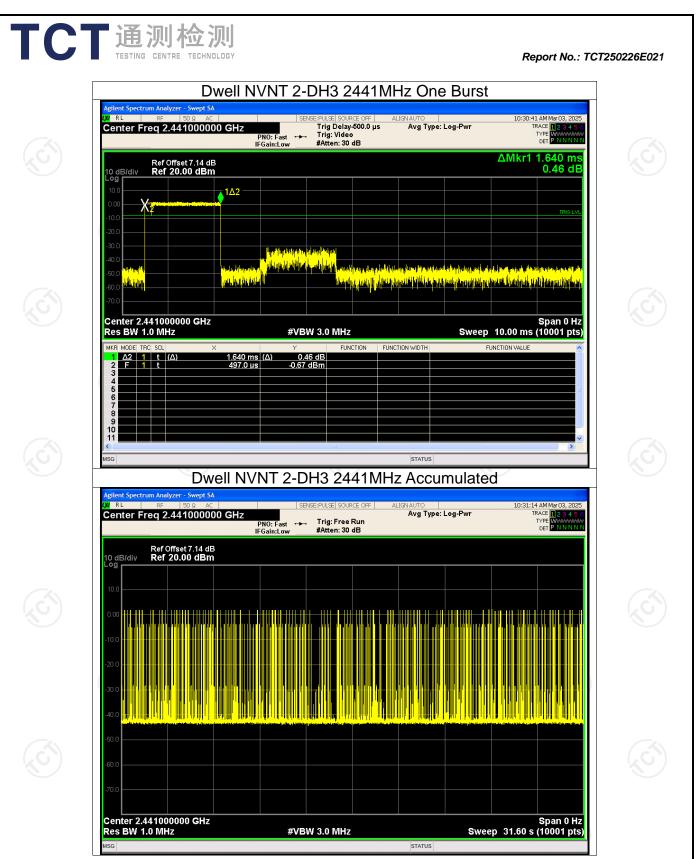
STATUS

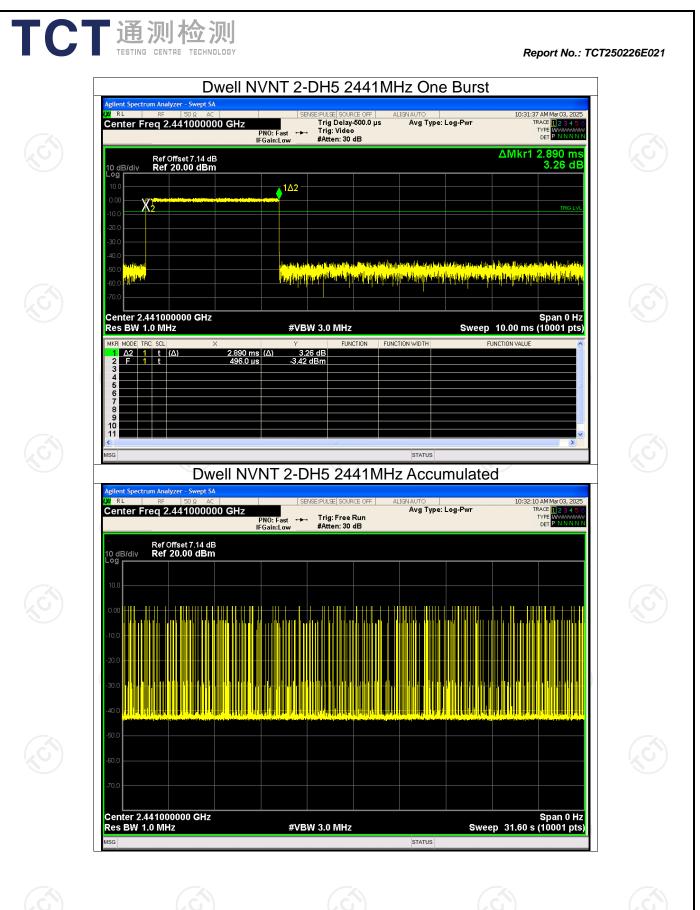
Span 0 Hz Sweep 31.60 s (10001 pts)

#VBW 3.0 MHz

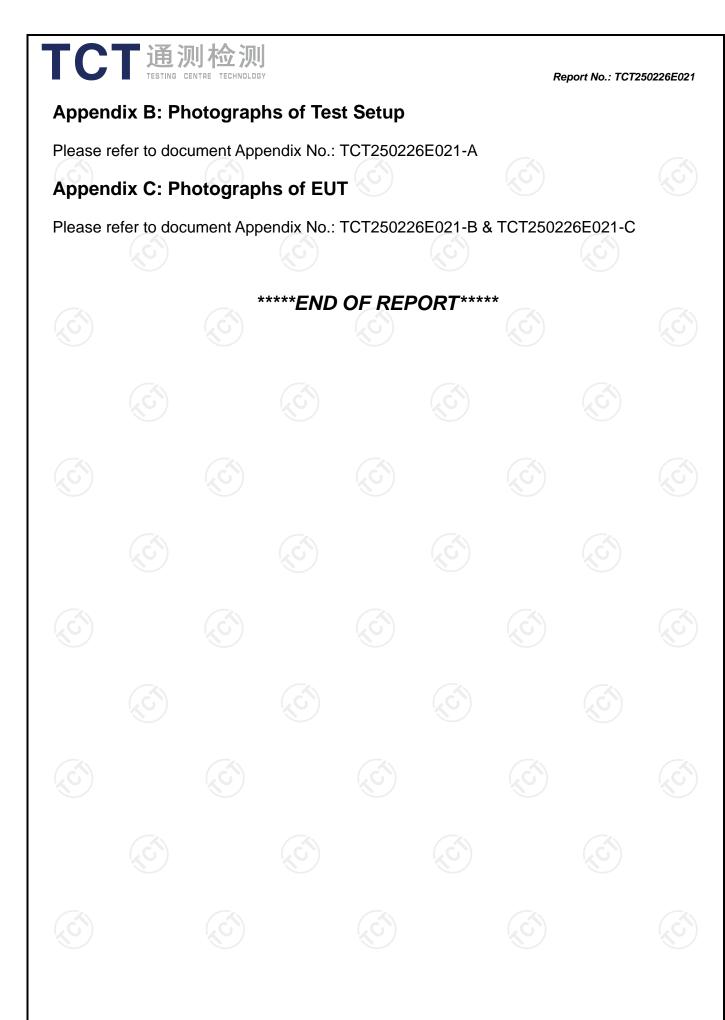
Center 2.441000000 GHz Res BW 1.0 MHz







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