

TESTING CENTRE TE	TEST REPOR	<u></u>						
FCC ID:	2BG4I-BIOSENSEWATCH	. •						
Test Report No:	TCT250410E053							
•	(,C)							
Date of issue::	Apr. 24, 2025							
Testing laboratory:	SHENZHEN TONGCE TESTING							
Testing location/ address:	2101 & 2201, Zhenchang Factor Fuhai Subdistrict, Bao'an Distric 518103, People's Republic of Ch	t, Shenzhen, Guangdong,						
Applicant's name::	VYVO TECHNOLOGY PTE LTD							
Address::	37 Kallang Pudding Road #03-01 Tong Lee Building Block B Singapore 349315, Singapore							
Manufacturer's name:	Shenzhen Iwown Technology Co., Ltd							
Address::	Room 1201. Shenzhen Qianhai Yidu Building, No. 99, Gangcheng Street, Nanshan Street, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, China							
Standard(s):	FCC CFR Title 47 Part 15 Subpa FCC KDB 558074 D01 15.247 N ANSI C63.10:2020							
Product Name::	BioSense Watch							
Trade Mark:	vyvo							
Model/Type reference:	BioSense Watch							
Rating(s)::	Rechargeable Li-ion Battery DC	3.85V						
Date of receipt of test item ::	Apr. 10, 2025							
Date (s) of performance of test:	Apr. 10, 2025 ~ Apr. 24, 2025							
Tested by (+signature) :	Aaron MO	AGOTON MOGCET						
Check by (+signature):	Beryl ZHAO							
Approved by (+signature):	Tomsin Tomsin							

General disclaimer:

This report shall not be reproduced except in full, without the written approval of SHENZHEN TONGCE TESTING LAB. This document may be altered or revised by SHENZHEN TONGCE TESTING LAB personnel only, and shall be noted in the revision section of the document. The test results in the report only apply to the tested sample.

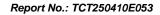




Table of Contents

1.	General Product Information	3
	1.1. EUT description	3
	1.2. Model(s) list	
	1.3. Operation Frequency	3
2.	Test Result Summary	4
3.	General Information	
	3.1. Test environment and mode	5
	3.2. Description of Support Units	5
4.	Facilities and Accreditations	6
	4.1. Facilities	6
	4.2. Location	6
	4.3. Measurement Uncertainty	6
5 .	Test Results and Measurement Data	7
	5.1. Antenna requirement	7
	5.2. Conducted Emission	8
	5.3. Conducted Output Power	9
	5.4. 20dB Occupy Bandwidth	13
	5.5. Carrier Frequencies Separation	14
	5.6. Hopping Channel Number	15
	5.7. Dwell Time	
	5.8. Pseudorandom Frequency Hopping Sequence	17
	5.9. Conducted Band Edge Measurement	18
	5.10.Conducted Spurious Emission Measurement	
	5.11.Radiated Spurious Emission Measurement	20
Αį	opendix A: Test Result of Conducted Test	
A	ppendix B: Photographs of Test Setup	
	ppendix C: Photographs of EUT	



1. General Product Information

1.1. EUT description

Model/Type reference: BioSense Watch Sample Number: TCT250410E053-0101 Bluetooth Version: V5.3 (This report is for BDR+EDR) Operation Frequency: 2402MHz~2480MHz Transfer Rate: 1/2/3 Mbits/s	Product Name	BioSense Watch		
Bluetooth Version: V5.3 (This report is for BDR+EDR) Operation Frequency: 2402MHz~2480MHz Transfer Rate: 1/2/3 Mbits/s	Model/Type reference	BioSense Watch		
Operation Frequency: 2402MHz~2480MHz Transfer Rate: 1/2/3 Mbits/s	Sample Number:	TCT250410E053-0101		
Transfer Rate: 1/2/3 Mbits/s	Bluetooth Version	V5.3 (This report is for BDR+EDR)		
	Operation Frequency	2402MHz~2480MHz		
Number of Channel : 79	Transfer Rate	1/2/3 Mbits/s		
Tallibor of Oliamor minimum 13	Number of Channel	79		
Modulation Type: GFSK, π/4-DQPSK, 8DPSK	Modulation Type	GFSK, π/4-DQPSK, 8DPSK	(3)	
Modulation Technology: FHSS	Modulation Technology:	FHSS		
Antenna Type Internal Antenna	Antenna Type	Internal Antenna		
Antenna Gain 2dBi	Antenna Gain	2dBi		(6)
Rating(s) Rechargeable Li-ion Battery DC 3.85V	Rating(s)	Rechargeable Li-ion Battery DC 3.85V		

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
-X							
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		

Remark: Channel 0, 39 & 78 have been tested for GFSK, $\pi/4$ -DQPSK, 8DPSK modulation mode.



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.



TESTING CENTRE TECHNOLOGY Report No.: TCT250410E053

3. General Information

3.1. Test environment and mode

Operating Environment:							
Condition	Conducted Emission	Radiated Emission					
Temperature:	23.1 °C	23.7 °C					
Humidity:	51 % RH	50 % RH					
Atmospheric Pressure:	1010 mbar	1010 mbar					
Test Software:							
Software Information:	BT FCC Tool						
Power Level:	3						
Test Mode:							
Engineering mode:	Keep the EUT in continuous channel and modulations with Charging only.	th Fully-charged battery or					

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
BioSense Watch Charger	BioSense Watch	1	/	vyvo

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 %.

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

Report No.: TCT250410E053



5. Test Results and Measurement Data

5.1. Antenna requirement

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

15.203 requirement:

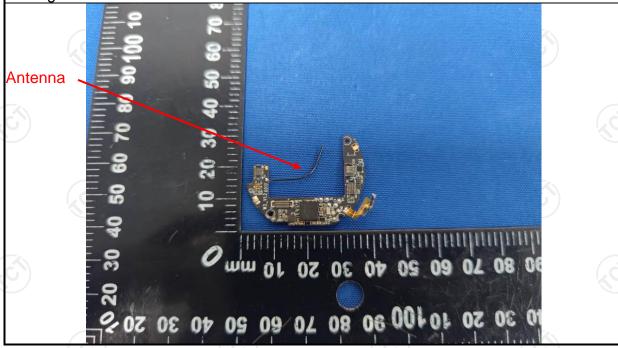
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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 2dBi.





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=auto Frequency range Limit (dBuV)								
Limits:	Frequency range (MHz) 0.15-0.5 0.5-5 5-30	Limit (Quasi-peak 66 to 56* 56 60	dBuV) Average 56 to 46* 46 50						
Test Setup:	Reference Plane 40cm 80cm LISN Filter — AC power Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m								
Test Mode:	Charging + Transmittir	ng 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 C63.10:2020 on conducted measurement. 								
Test Result:	PASS								



5.2.2. Test Instruments

Conducted Emission Shielding Room Test Site (843)									
Equipment	Manufacturer	Model	Serial Number	Date of Cal.	Due Date				
EMI Test Receiver	R&S	ESCI3	100898	Jun. 27, 2024	Jun. 26, 2025				
LISN	Schwarzbeck	NSLK 8126	8126453	Jan. 21, 2025	Jan. 20, 2026				
Attenuator	N/A	10dB	164080	Jun. 27, 2024	Jun. 26, 2025				
Line-5	TCT	CE-05	1	Jun. 27, 2024	Jun. 26, 2025				
EMI Test Software	EZ_EMC	EMEC-3A1	1.1.4.2		1 (6)				

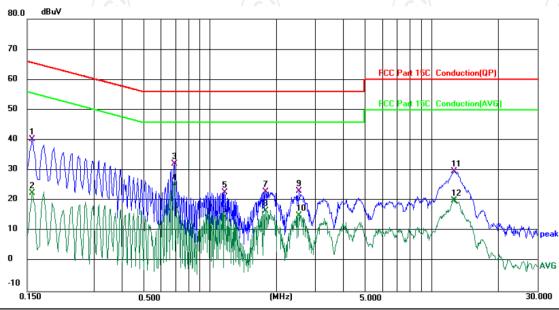




5.2.3. Test data

Please refer to following diagram for individual

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



Site 844 Shielding Room

Phase: L1

Temperature: 23.1 (℃)

Humidity: 51 %

Report No.: TCT250410E053

Limit: FCC Part 15C Conduction(QP)

Power: DC 5 V(Adapter Input 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	30.41	9.95	40.36	65.57	-25.21	QP	
2		0.1580	12.57	9.95	22.52	55.57	-33.05	AVG	
3		0.6900	22.28	9.90	32.18	56.00	-23.82	QP	
4	*	0.6900	15.27	9.90	25.17	46.00	-20.83	AVG	
5		1.1619	12.87	9.95	22.82	56.00	-33.18	QP	
6		1.1619	4.72	9.95	14.67	46.00	-31.33	AVG	
7		1.7900	13.00	10.00	23.00	56.00	-33.00	QP	
8		1.7900	6.66	10.00	16.66	46.00	-29.34	AVG	
9		2.5139	13.15	10.05	23.20	56.00	-32.80	QP	
10		2.5139	5.11	10.05	15.16	46.00	-30.84	AVG	
11		12.6660	19.34	10.36	29.70	60.00	-30.30	QP	
12		12.6660	9.66	10.36	20.02	50.00	-29.98	AVG	

Note:

Freq. = Emission frequency in MHz

Reading level $(dB\mu V)$ = Receiver reading

Corr. Factor (dB) = LISN factor + Cable loss

Measurement (dB μ V) = Reading level (dB μ V) + Corr. Factor (dB)

 $Limit (dB\mu V) = Limit stated in standard$

 $Margin (dB) = Measurement (dB\mu V) - Limits (dB\mu V)$

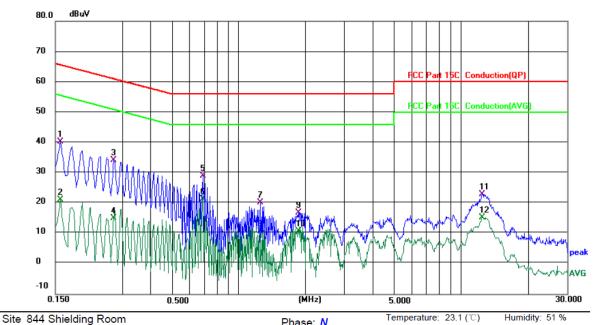
Q.P. =Quasi-Peak

AVG =average

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



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



Limit: FCC Part 15C Conduction(QP)

Phase: N

Power: DC 5 V(Adapter Input AC 120 V/60 Hz)

Elline.	JO I alt lo	o Conduct						
No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1580	30.27	9.94	40.21	65.57	-25.36	QP	
2	0.1580	11.33	9.94	21.27	55.57	-34.30	AVG	
3	0.2740	24.21	9.93	34.14	61.00	-26.86	QP	
4	0.2740	5.16	9.93	15.09	51.00	-35.91	AVG	
5	0.6900	19.01	9.94	28.95	56.00	-27.05	QP	
6 *	0.6900	11.46	9.94	21.40	46.00	-24.60	AVG	
7	1.2579	10.19	9.98	20.17	56.00	-35.83	QP	
8	1.2579	0.89	9.98	10.87	46.00	-35.13	AVG	
9	1.8660	6.88	10.01	16.89	56.00	-39.11	QP	
10	1.8660	0.91	10.01	10.92	46.00	-35.08	AVG	
11	12.4860	12.48	10.41	22.89	60.00	-37.11	QP	
12	12.4860	5.00	10.41	15.41	50.00	-34.59	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 three modulation (GFSK, Pi/4 DQPSK, 8DPSK), and the worst case Mode (Lowest channel and GFSK) was submitted only.



5.3. Conducted Output Power

5.3.1. Test Specification

FCC Part15 C Section 15.247 (b)(1)					
KDB 558074 D01 v05r02					
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.					
Spectrum Analyzer EUT					
Transmitting mode with modulation					
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.					
PASS					

5.3.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial Number	Date of Cal.	Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 27, 2024	Jun. 26, 2025
Power detector box	MWRFtest	MW100-RFCB	MW210531TCT	Jan. 21, 2025	Jan. 20, 2026

Page 12 of 87



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	(3)				
Test Setup:	Spectrum Analyzer		EUT			
Test Mode:	Transmitting mo	ode with modu	lation			
Test Procedure:	 Transmitting mode with modulation 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. 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. 					
Test Result:	4. Measure and PASS			(C		

5.4.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial Number	Date of Cal.	Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 27, 2024	Jun. 26, 2025
Power detector box	MWRFtest	MW100-RFCB	MW210531TCT	Jan. 21, 2025	Jan. 20, 2026

Page 13 of 87

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



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 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.						
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. 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. 						
Test Result:	PASS						

5.5.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial Number	Date of Cal.	Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 27, 2024	Jun. 26, 2025
Power detector box	MWRFtest	MW100-RFCB	MW210531TCT	Jan. 21, 2025	Jan. 20, 2026



5.6. Hopping Channel Number

5.6.1. Test Specification

J.o. 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:	 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. 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					

5.6.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial Number	Date of Cal.	Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 27, 2024	Jun. 26, 2025
Power detector box	MWRFtest	MW100-RFCB	MW210531TCT	Jan. 21, 2025	Jan. 20, 2026



5.7. Dwell Time

5.7.1. Test Specification

A) / A)					
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. 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				
Test Nesult.	1 700				

5.7.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial Number	Date of Cal.	Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 27, 2024	Jun. 26, 2025
Power detector box	MWRFtest	MW100-RFCB	MW210531TCT	Jan. 21, 2025	Jan. 20, 2026



5.8. Pseudorandom Frequency Hopping Sequence

Test Requirement:

FCC Part15 C Section 15.247 (a)(1) requirement:

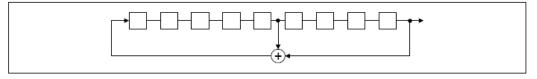
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

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

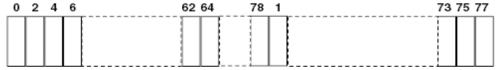
The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first one of 9 consecutive ones; i.e. the shift register is initialized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

- Number of shift register stages: 9
- Length of pseudo-random sequence: 29-1 = 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:



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

	/ A) / A) / A)
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:	 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.
Test Result:	PASS

5.9.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial Number	Date of Cal.	Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 27, 2024	Jun. 26, 2025
Power detector box	MWRFtest	MW100-RFCB	MW210531TCT	Jan. 21, 2025	Jan. 20, 2026



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. 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 PASS						

5.10.2. Test Instruments

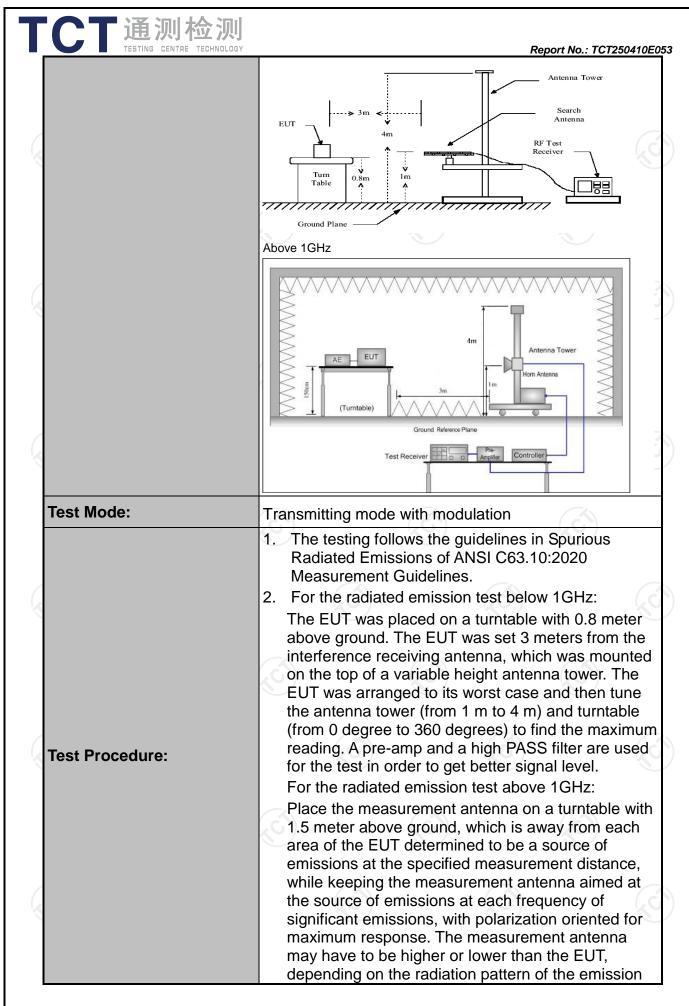
Equipment Manufacturer Spectrum Analyzer Agilent		Model No.	Serial Number	Date of Cal.	Due Date	
		N9020A	MY49100619	Jun. 27, 2024	Jun. 26, 2025	
Power detector box	MWRFtest	MW100-RFCB	MW210531TCT	Jan. 21, 2025	Jan. 20, 2026	



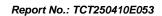
5.11. Radiated Spurious Emission Measurement

5.11.1. Test Specification

		A_{1}	/		
Test Requirement:	FCC Part15	C Section	n 15.209	(0)	80
Test Method:	ANSI C63.10):2020			
Frequency Range:	9 kHz to 25 (GHz			
Measurement Distance:	3 m	-			
Antenna Polarization:	Horizontal &	Vertical			
Desciner Cotum	Frequency 9kHz- 150kHz 150kHz-	Detecto Quasi-pe Quasi-pe	ak 200Hz	VBW 1kHz 30kHz	Remark Quasi-peak Value Quasi-peak Value
Receiver Setup:	30MHz 30MHz-1GHz Above 1GHz	Quasi-pe Peak Peak	ak 120KHz 1MHz 1MHz	300KHz 3MHz 10Hz	Quasi-peak Value Peak Value Average Value
Limit:	Frequent 0.009-0.4 0.490-1.7 1.705-3 30-88 88-216 216-96 Above 9	490 705 30 3 0 60 Figure	Measure Distan (mete)	ce Detector	
Test setup:	For radiated emis	Turn table	w 30MHz		Computer Amplifier



T T 通 測 检	江川	
TESTING CENTRE TE	CHNOLOGY	Report No.: TCT250410E053
	re mo ar re ab 3. S	and staying aimed at the emission source for eceiving the maximum signal. The final easurement antenna elevation shall be that which aximizes the emissions. The measurement entenna elevation for maximum emissions shall be estricted to a range of heights of from 1 m to 4 m cove the ground or reference ground plane. Set to the maximum power setting and enable the EUT transmit continuously.
	(Jse the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=120 kHz for f < 1 GHz, RBW=1MHz for f>1GHz; VBW≥RBW;
	<u>3</u>	Sweep = auto; Detector function = peak; Trace = max hold for peak (3) For average measurement: use duty cycle correction factor method per
		15.35(c). Duty cycle = On time/100 milliseconds On time =N1*L1+N2*L2++Nn-1*LNn-1+Nn*Ln Where N1 is number of type 1 pulses, L1 is length of type 1 pulses, etc. Average Emission Level = Peak Emission Level + 20*log(Duty cycle)
		Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
Test results:	PASS	





5.11.2. Test Instruments

Radiated Emission Test Site (966)									
Equipment	Manufacturer	Model	Serial Number	Date of Cal.	Due Date				
EMI Test Receiver	R&S	ESCI7	100529	Jan. 21, 2025	Jan. 20, 2026				
Spectrum Analyzer	R&S	FSQ40	200061	Jun. 27, 2024	Jun. 26, 2025				
Pre-amplifier	SKET	LNPA_0118G-45	SK2021012102	Jan. 21, 2025	Jan. 20, 2026				
Pre-amplifier	SKET	LNPA_1840G-50	SK202109203500	Jan. 21, 2025	Jan. 20, 2026				
Pre-amplifier	HP	8447D	2727A05017	Jun. 27, 2024	Jun. 26, 2025				
Loop antenna	Schwarzbeck	FMZB1519B	00191	Jun. 27, 2024	Jun. 26, 2025				
Broadband Antenna	Schwarzbeck	VULB9163	340	Jun. 29, 2024	Jun. 28, 2025				
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Jun. 29, 2024	Jun. 28, 2025				
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Jan. 23, 2025	Jan. 22, 2026				
Coaxial cable	SKET	RE-03-D	/	Jun. 27, 2024	Jun. 26, 2025				
Coaxial cable	SKET	RE-03-M	1-2	Jun. 27, 2024	Jun. 26, 2025				
Coaxial cable	SKET	RE-03-L		Jun. 27, 2024	Jun. 26, 2025				
Coaxial cable	SKET	RE-04-D	/	Jun. 27, 2024	Jun. 26, 2025				
Coaxial cable	SKET	RE-04-M	1	Jun. 27, 2024	Jun. 26, 2025				
Coaxial cable	SKET	RE-04-L	1	Jun. 27, 2024	Jun. 26, 2025				
Antenna Mast	Keleto	RE-AM	/	/	/				
EMI Test Software	EZ_EMC	FA-03A2 RE+	1.1.4.2	1 6) /				



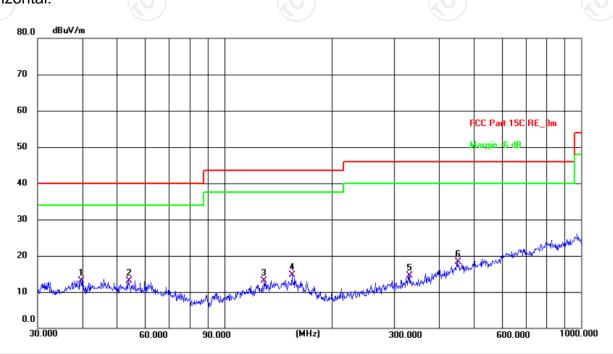


5.11.3. Test Data

Please refer to following diagram for individual

Horizontal:

Below 1GHz



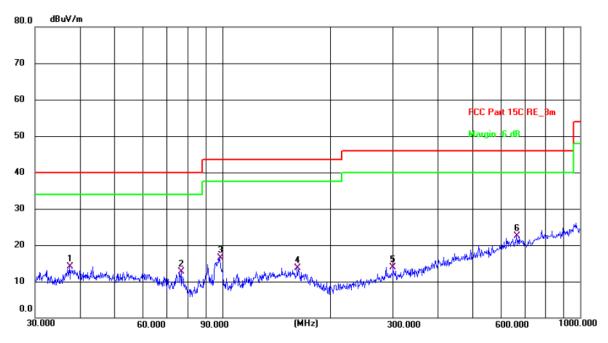
Site 3m Anechoic Chamber2 Polarization: Horizontal Temperature: 23.7(C) Humidity: 50 %

Limit: FCC Part 15C RE_3m Power: DC 3.85 V Limit Frequency Reading Factor Level Margin Detector P/F No. Remark (MHz) (dBuV) (dB/m) (dBuV/m)|(dBuV/m)(dB) 39.5757 31.66 -18.50 13.16 40.00 -26.84 QP Р 1 2 53.8818 32.17 -18.97 13.20 40.00 -26.80 QP Р P 3 129.4677 31.61 -18.43 13.18 43.50 -30.32 QP 4 154.8204 31.66 -16.91 14.75 43.50 -28.75 QP Р 329.0390 -17.56 14.43 46.00 Ρ 5 31.99 -31.57 QP Ρ 6 451.1350 31.84 -13.50 18.34 46.00 -27.66 QP





Vertical:



Temperature: 23.7(C) Humidity: 50 % Site 3m Anechoic Chamber2 Polarization: Vertical

Power: DC 3.85 V

Limit:	FCC Part 15C R	RE_3m
Na	Frequency	Read

Limit dBuV/m)	Margin (dB)	Detector	P/F	Remark
40.00	-25.87	QP	Р	

NO.	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector	F/1	Remark
1	37.4165	33.00	-18.87	14.13	40.00	-25.87	QP	Р	
2	76.7808	34.16	-21.36	12.80	40.00	-27.20	QP	Р	
3	98.4866	37.88	-21.46	16.42	43.50	-27.08	QP	Р	
4	162.0414	30.98	-17.36	13.62	43.50	-29.88	QP	Р	
5	300.3672	31.61	-17.75	13.86	46.00	-32.14	QP	Р	
6 *	663.4729	30.94	-8.51	22.43	46.00	-23.57	QP	Р	

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

- 2. Measurements were conducted in all three channels (high, middle, low) and three modulation (GFSK, Pi/4 DQPSK, 8DPSK) and the worst case Mode (Lowest channel and GFSK) was submitted only.
- 3. Freq. = Emission frequency in MHz

Reading

Factor

Level

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.

Page 25 of 87

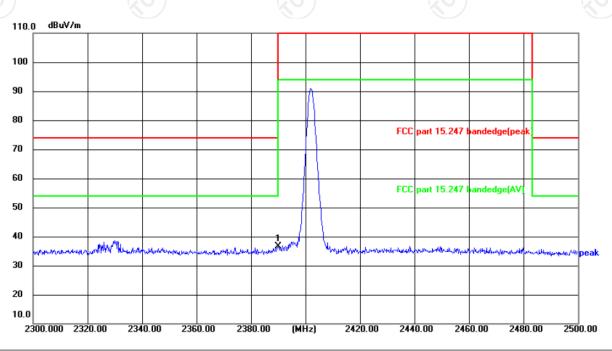
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Test Result of Radiated Spurious at Band edges

Lowest channel 2402:

Horizontal:



Site: 3m Anechoic Chamber Polarization: Horizontal Temperature: 24.6(°C) Humidity: 52 %

Limit: FCC part 15.247 bandedge(peak)

Power:DC 3.85 V

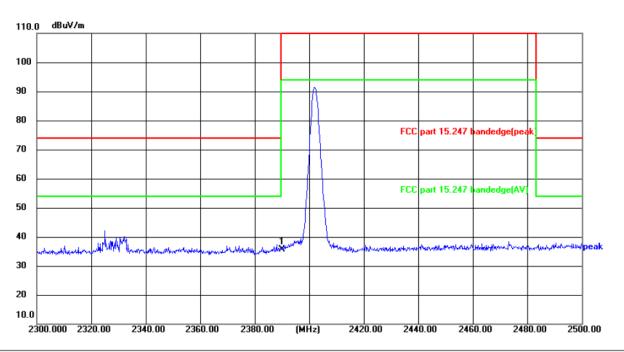
Frequency	Δnt Pol	Peak	AV	Correction	Emission Level		Peak limit	A\/ limit	Margin
(MHz)	H/V	reading	reading	Factor	Peak	AV	(dRuV/m)	(dBµV/m)	
(1711 12)	1 1/ V	(dBµV)	(dBuV)	(dB/m)	(dBµV/m)	(dBµV/m)	(αυμ ۷/111)	(αυμ ۷/111)	(GD)
2390.000	Н	53.47		-16.76	36.71		74	54	-17.29

Note:

1.Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier 2.Margin (dB) = Emission Level (Peak) (dBµV/m)-Average limit (dBµV/m))



Vertical:



Site: 3m Anechoic Chamber Polarization: Vertical Temperature: 24.6(°C) Humidity: 52 %

Limit: FCC part 15.247 bandedge(peak)

Power:DC 3.85 V

		5 (1	/						
Frequency	Ant Dol	Peak	AV	Correction	Emissic	n Level	Peak limit	۸\/ limit	Margin
(MHz)	H/V	reading	reading	Factor	Peak			(dBµV/m)	
(1411 12)	1 1/ V	(dBµV)	(dBuV)	(dB/m)	$(dB\mu V/m)$	(dBµV/m)	(αυμ ν/ιιι)	(αυμ ν/ιιι)	(GD)
2390.000	V	52.47	-14	-16.76	35.71	Q _/_	74	54	-38.29

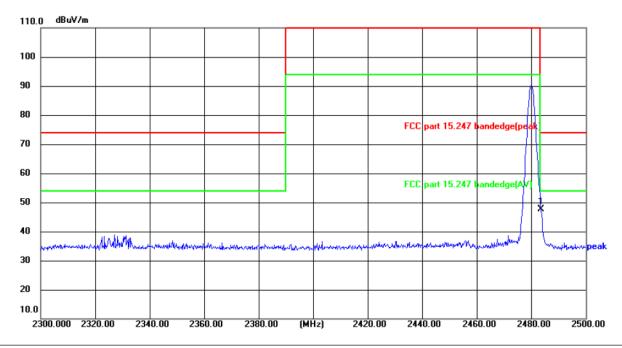
Note:

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))



Highest channel 2480:

Horizontal:



Site: 3m Anechoic Chamber Polarization: Horizontal Temperature: 24.6(°C) Humidity: 52 %

Limit: FCC part 15.247 bandedge(peak)

Power:DC 3.85 V

_						i chiche cicc i					
	Frequency	Ant Pol	Peak		Correction	Emissic	n Level	Peak limit	Δ\/ limit	Margin	
	(MHz)	H/V	reading	reading	Factor	Peak		(dBµV/m)			
	(1411 12)	1 1/ V	(dBµV)	(dBuV)	(dB/m)	(dBµV/m)	(dBµV/m)	(αυμ ν/ιιι)	(αυμ ν/ιιι)	(GD)	
	2483.500	Н	64.23		-16.50	47.73		74	54	-6.27	

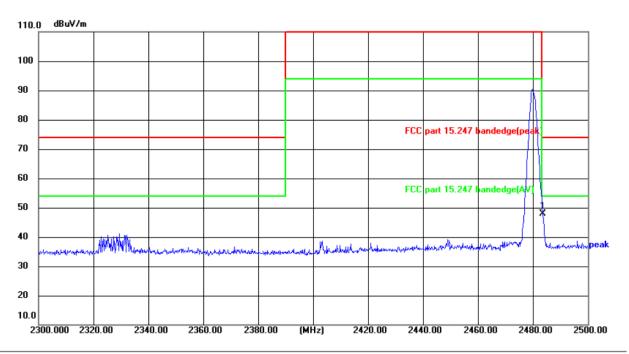
Note:

1.Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier 2.Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m))





Vertical:



Site: 3m Anechoic Chamber Polarization: Vertical Temperature: 24.6(°C) Humidity: 52 %

Limit: FCC part 15.247 bandedge(peak)

Power:DC 3.85 V

Frequency	Ant Bol	Peak	AV	Correction	Emissic	n Level	Peak limit	۸\/ limit	Margin
(MHz)	H/V	reading	reading	Factor	Peak	AV	(dRuV/m)	(dBµV/m)	
(1711 12)	1 1/ V	(dBµV)	(dBuV)	(dB/m)	(dBµV/m)	(dBµV/m)	(ασμ ν/ιιι)	(ασμ ν/ιιι)	(ub)
2483.500	V	64.33	-140	-16.50	47.83	7-	74	54	-6.17

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.Measurements were conducted in all three modulation (GFSK, Pi/4 DQPSK, 8DPSK), and the worst case Mode (8DPSK) was submitted only.





Above 1GHz

Modulation Type: GFSK										
Low channel: 2402 MHz										
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	AV	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)	
4804	Н	56.23		-9.51	46.72		74	54	-7.28	
7206	Н	45.44		-1.41	44.03		74	54	-9.97	
	H									
(
4804	V	56.98		-9.51	47.47	<u></u>	74	54	-6.53	
7206	V	46.17	-	-1.41	44.76		74	54	-9.24	
	V									

Middle channel: 2441 MHz			(20)			(0)			1/0
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	Н	54.36	(-9.36	45.00		74	54	-9.00
7323	(H)	45.61		-1.14	44.47	‡)	74	54	-9.53
	H					<u></u>		<u></u>	
4882	V	55.72		-9.36	46.36		74	54	-7.64
7323	V	46.00		-1.14	44.86		74	54	-9.14
)	V)		\\\\		

High channel: 2480 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4960	Н	57.85		-9.20	48.65		74	54	-5.35
7440	Н	46.59		-0.96	45.63		74	54	-8.37
	Η								
4960	V	55.48		-9.20	46.28		74	54	-7.72
7440	V	45.93		-0.96	44.97		74	54	-9.03
	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. Measurements were conducted in all three modulation (GFSK, Pi/4 DQPSK, 8DPSK), 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

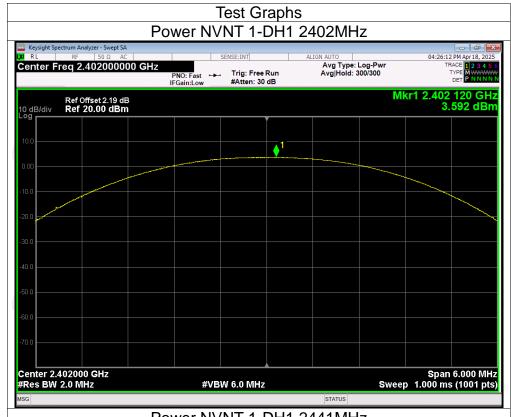
Maximum Conducted Output Power

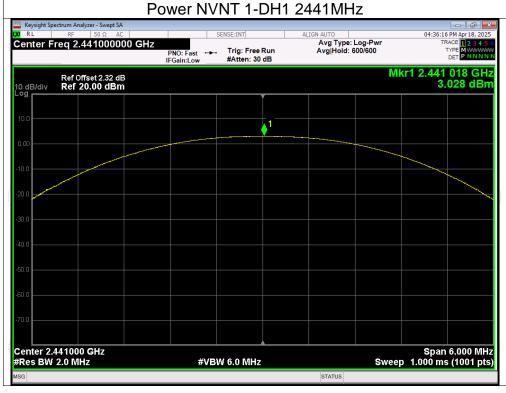
Condition Mode		Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	3.59	30	Pass
NVNT	1-DH1	2441	3.03	30	Pass
NVNT	1-DH1	2480	2.98	30	Pass
NVNT	2-DH1	2402	3.56	21	Pass
NVNT	2-DH1	2441	3.05	21	Pass
NVNT	2-DH1	2480	2.96	21	Pass
NVNT	3-DH1	2402	3.52	21	Pass
NVNT	3-DH1	2441	3.00	21	Pass
NVNT	3-DH1	2480	2.94	21	Pass





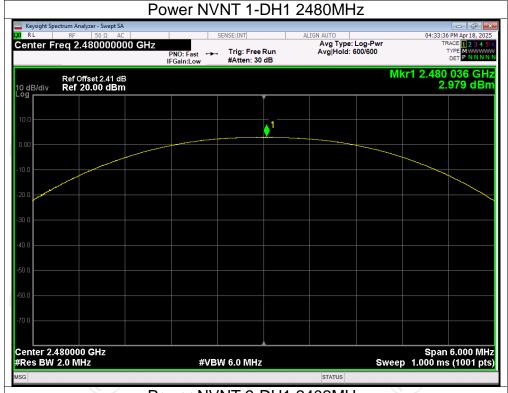


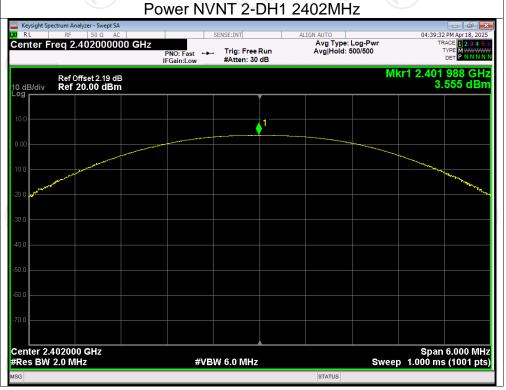






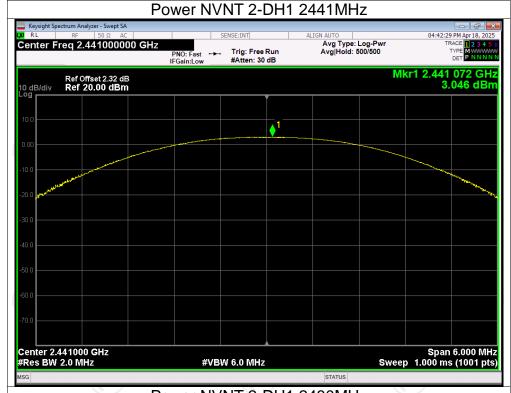


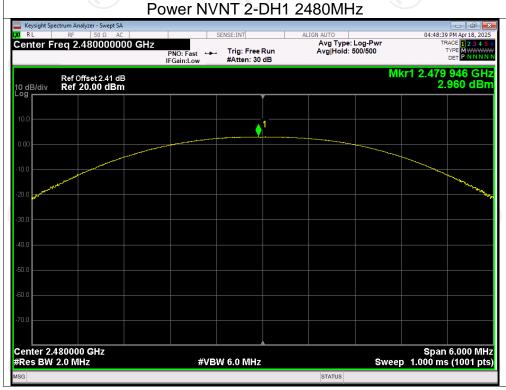






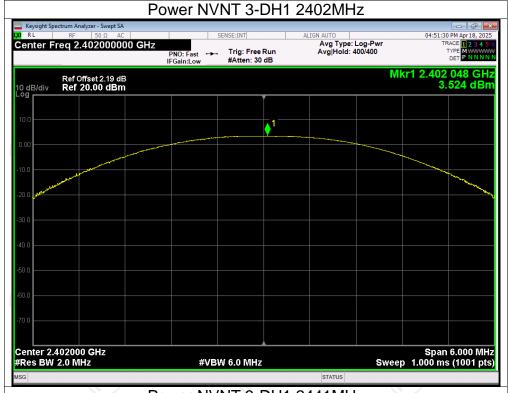


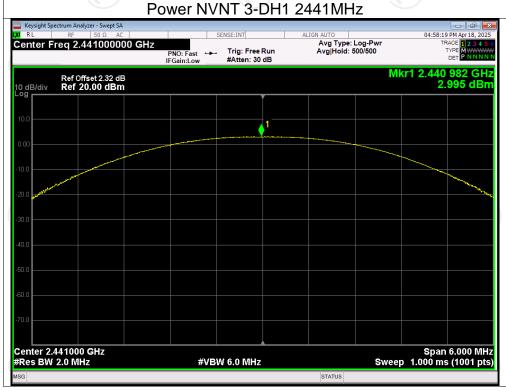


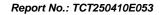




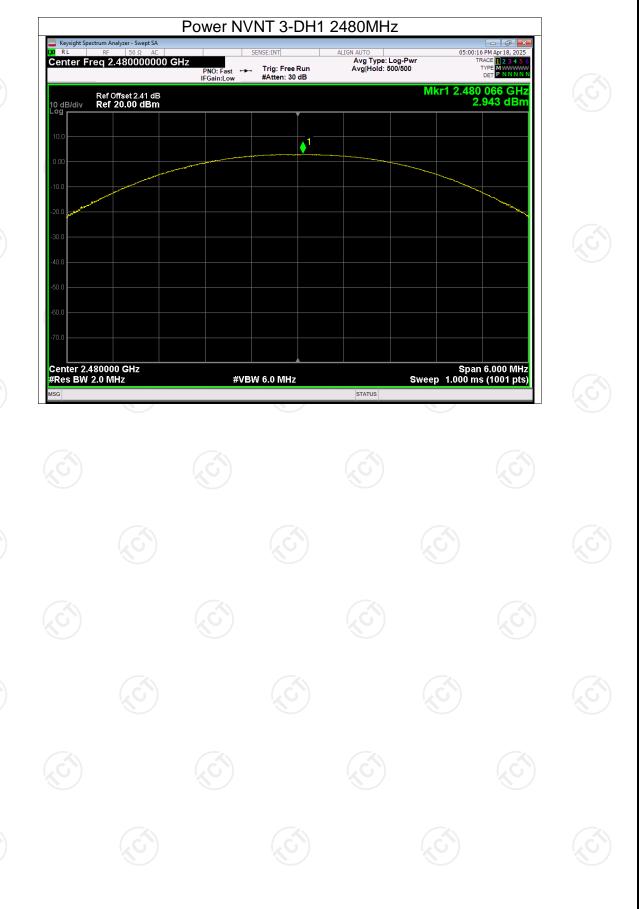














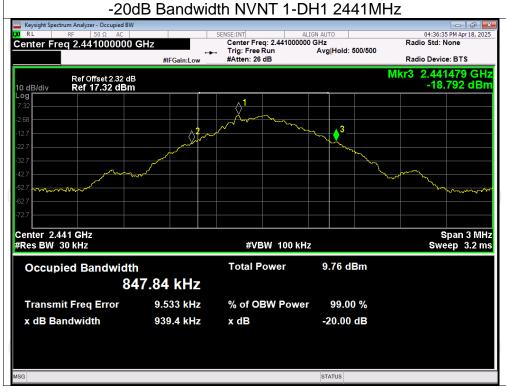
-20dB Bandwidth

Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	0.939	Pass
NVNT	1-DH1	2441	0.939	Pass
NVNT	1-DH1	2480	0.934	Pass
NVNT	2-DH1	2402	1.222	Pass
NVNT	2-DH1	2441	1.221	Pass
NVNT	2-DH1	2480	1.222	Pass
NVNT	3-DH1	2402	1.230	Pass
NVNT	3-DH1	2441	1.225	Pass
NVNT	3-DH1	2480	1.231	Pass

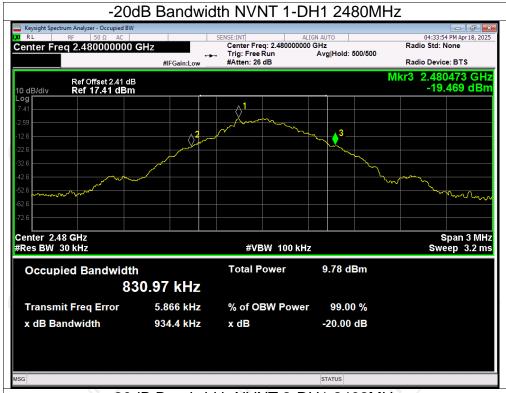






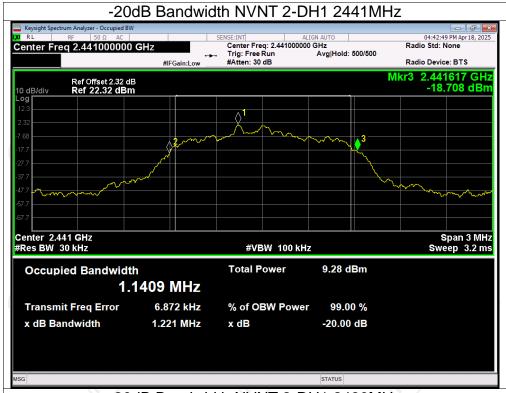












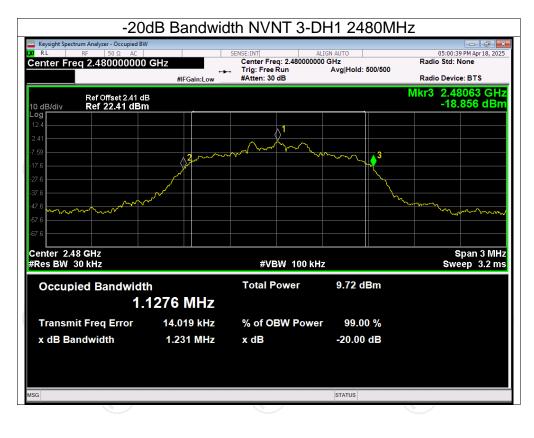














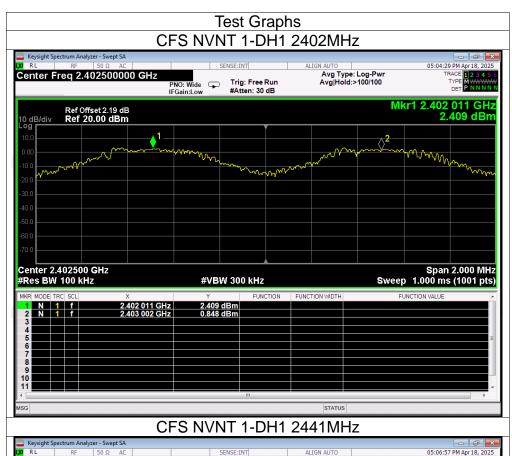


Carrier Frequencies Separation

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	2402.011	2403.002	0.991	0.939	Pass
NVNT	1-DH1	2441.009	2442.012	1.003	0.939	Pass
NVNT	1-DH1	2479.012	2479.996	0.984	0.939	Pass
NVNT	2-DH1	2401.856	2402.856	1	0.815	Pass
NVNT	2-DH1	2441.054	2442.026	0.972	0.815	Pass
NVNT	2-DH1	2478.832	2479.838	1.006	0.815	Pass
NVNT	3-DH1	2402.042	2403.065	1.023	0.821	Pass
NVNT	3-DH1	2441.180	2442.162	0.982	0.821	Pass
NVNT	3-DH1	2478.834	2479.836	1.002	0.821	Pass



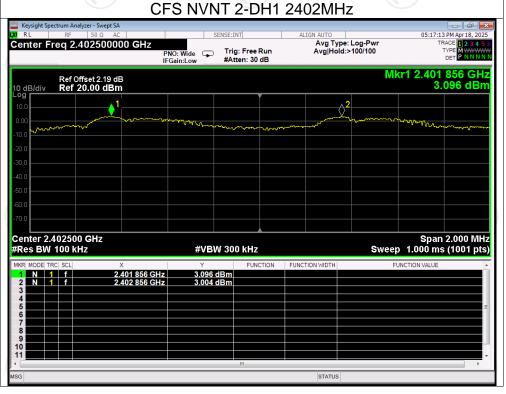






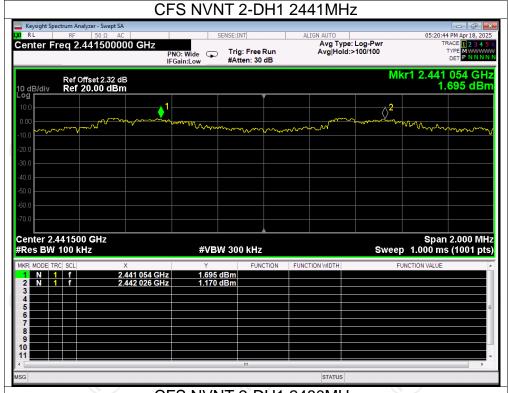


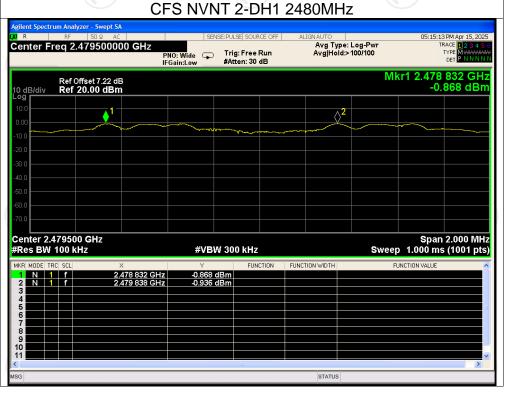




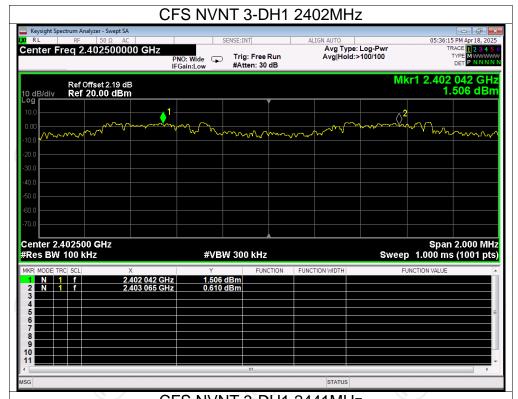


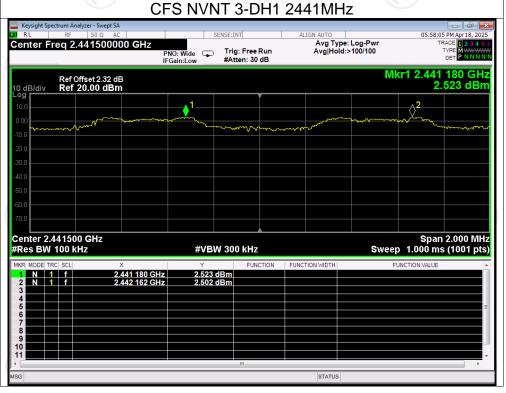






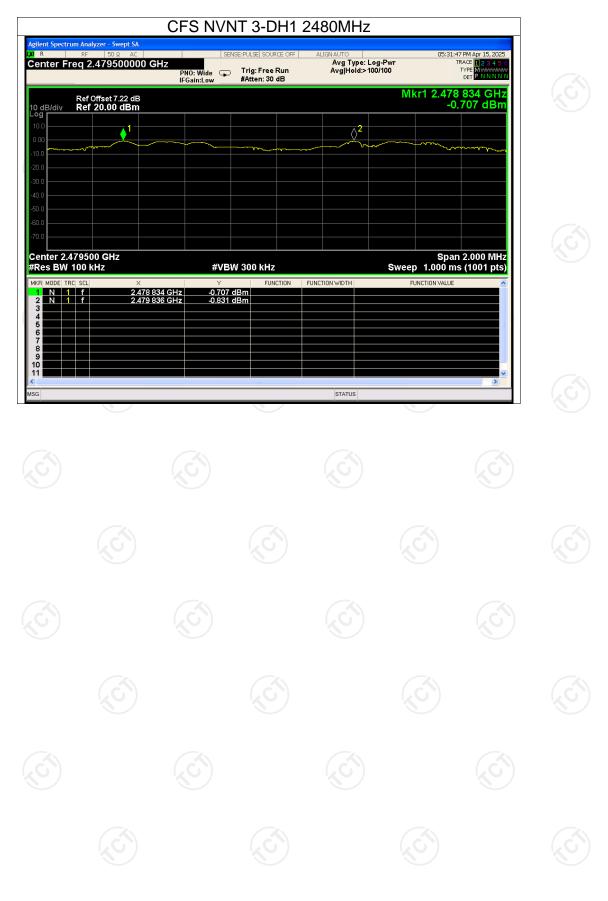








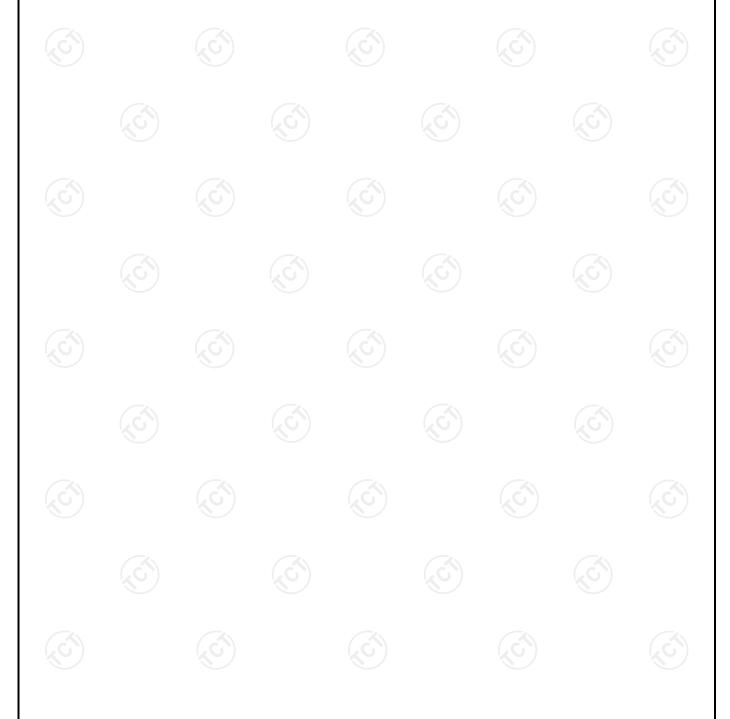




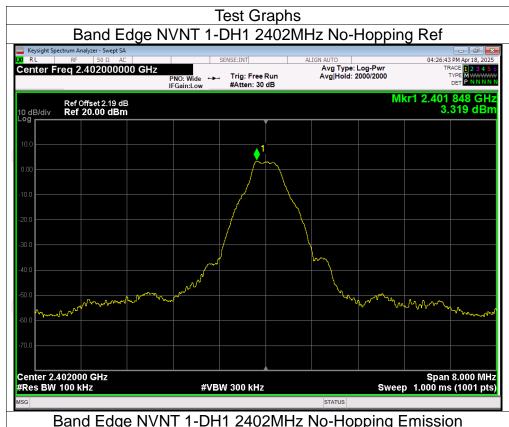


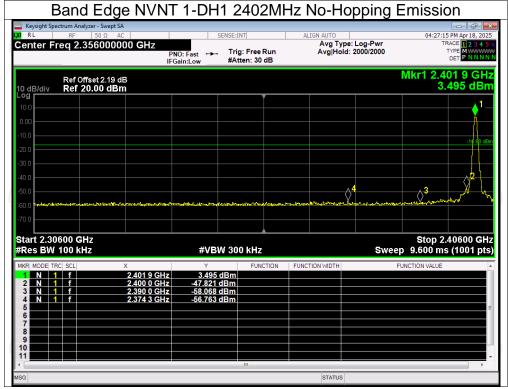
Band Edge

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	No-Hopping	-60.08	-20	Pass
NVNT	1-DH1	2480	No-Hopping	-58.37	-20	Pass
NVNT	2-DH1	2402	No-Hopping	-59.47	-20	Pass
NVNT	2-DH1	2480	No-Hopping	-59.24	-20	Pass
NVNT	3-DH1	2402	No-Hopping	-58.67	-20	Pass
NVNT	3-DH1	2480	No-Hopping	-59.61	-20	Pass

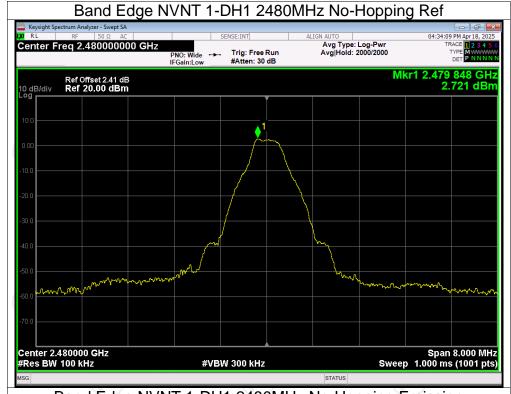


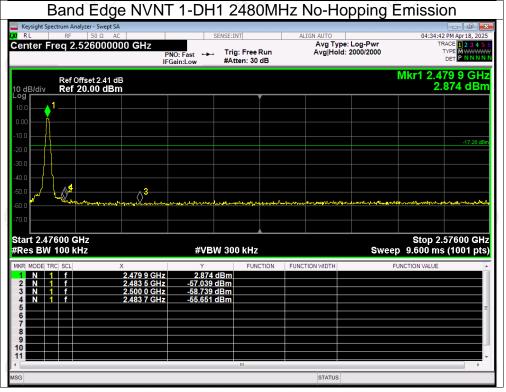




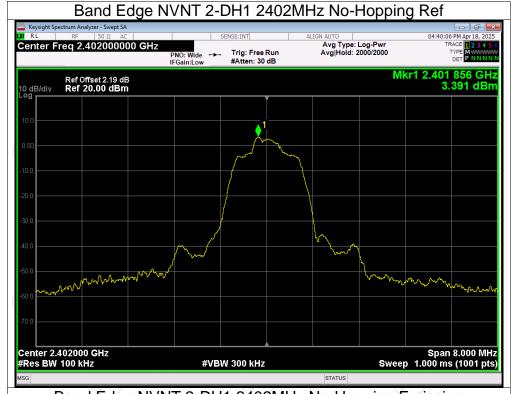


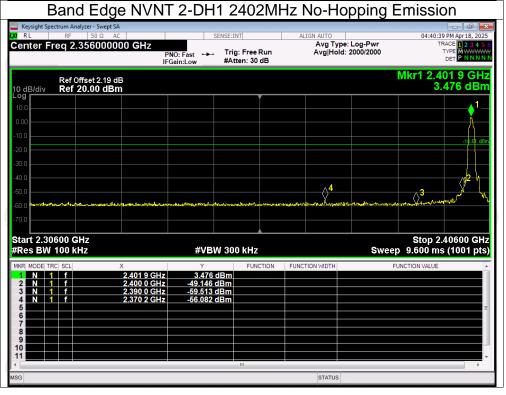




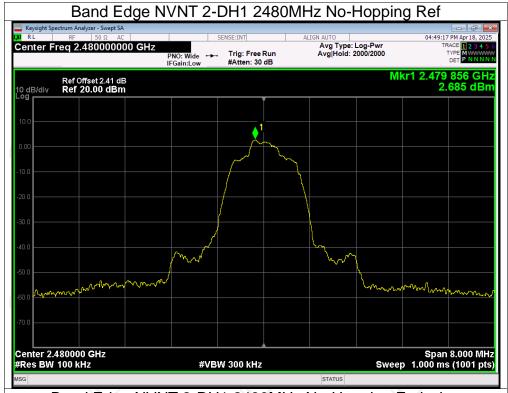


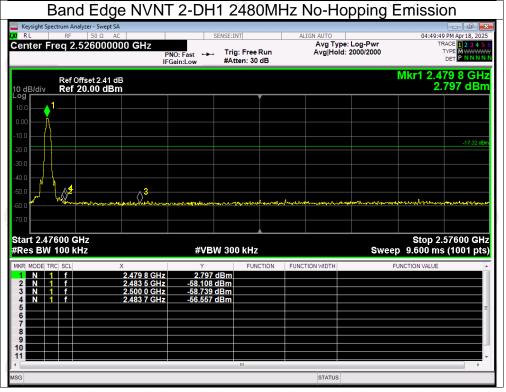




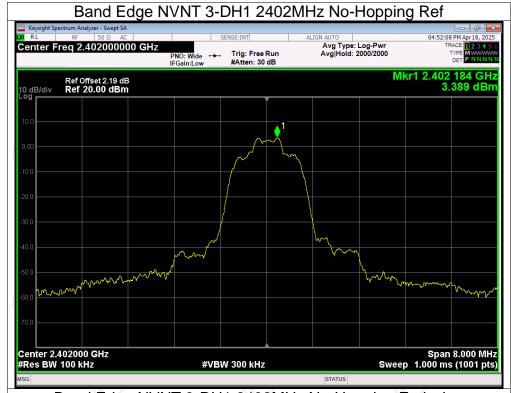


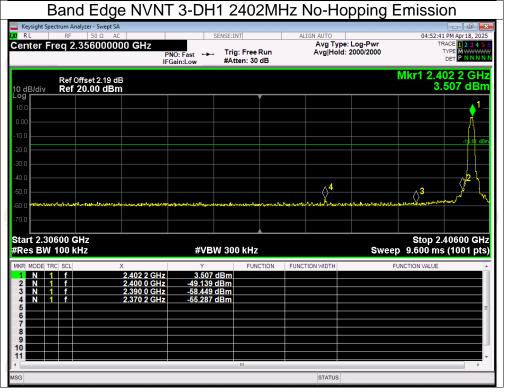




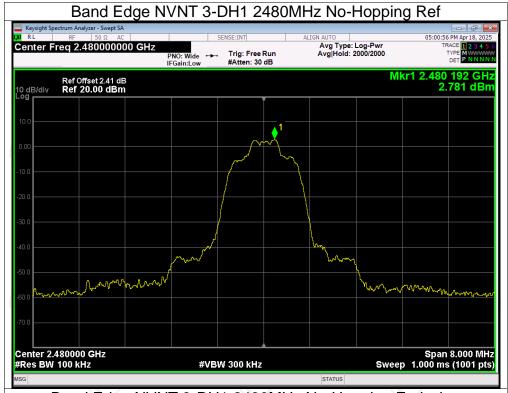


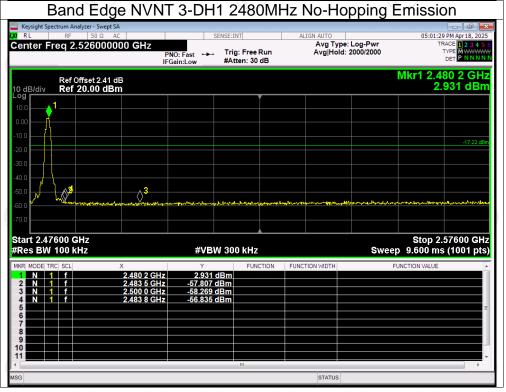








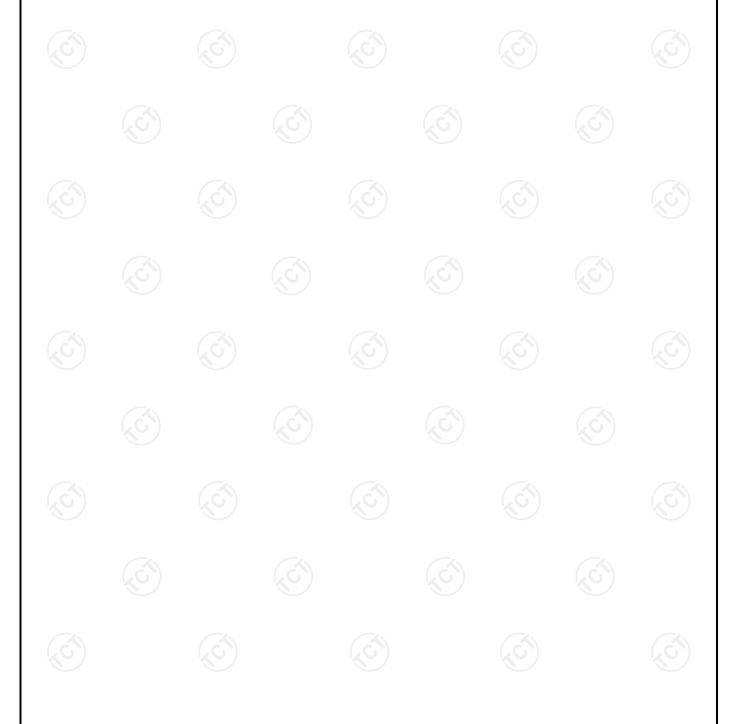




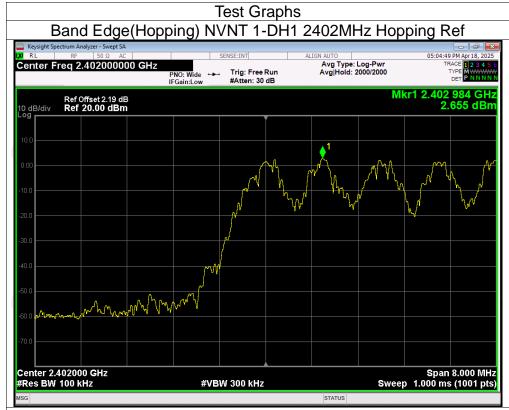


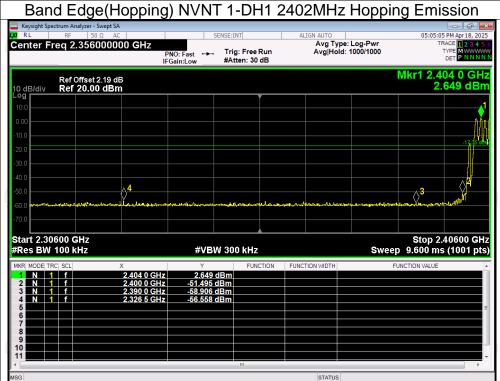
Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Hopping	-59.21	-20	Pass
NVNT	1-DH1	2480	Hopping	-58.94	-20	Pass
NVNT	2-DH1	2402	Hopping	-59.49	-20	Pass
NVNT	2-DH1	2480	Hopping	-58.13	-20	Pass
NVNT	3-DH1	2402	Hopping	-59.49	-20	Pass
NVNT	3-DH1	2480	Hopping	-58.78	-20	Pass



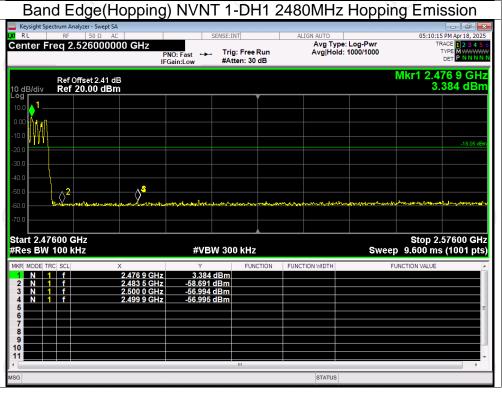




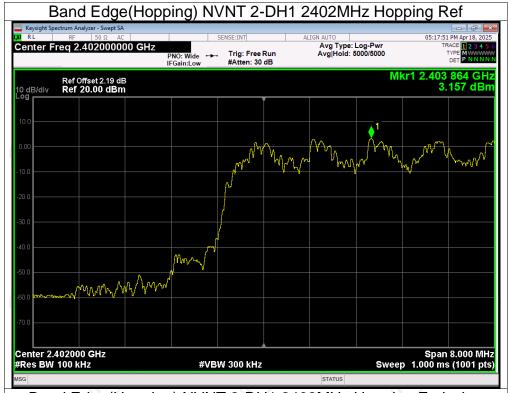


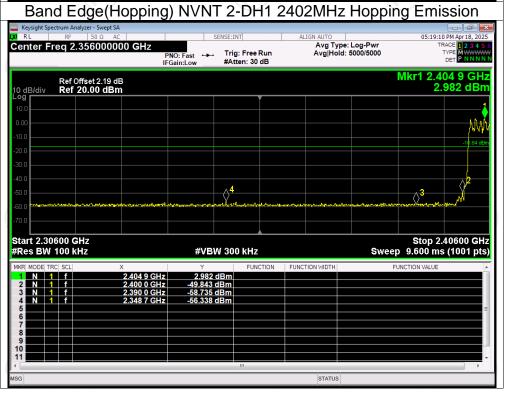




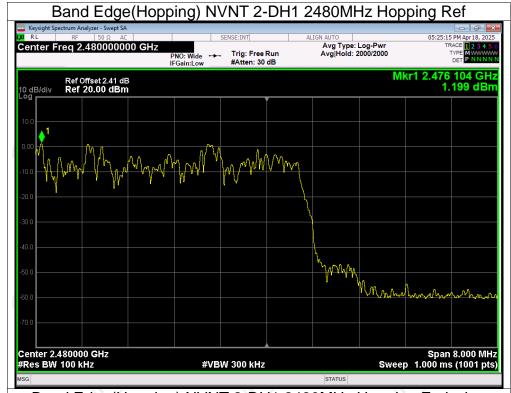


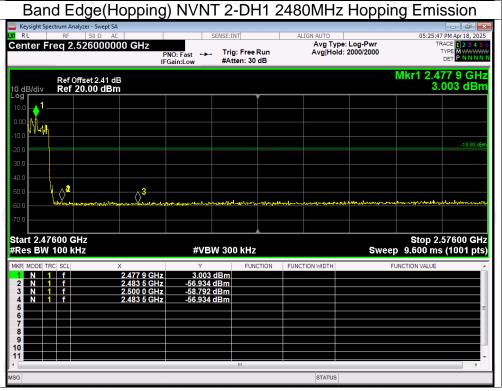




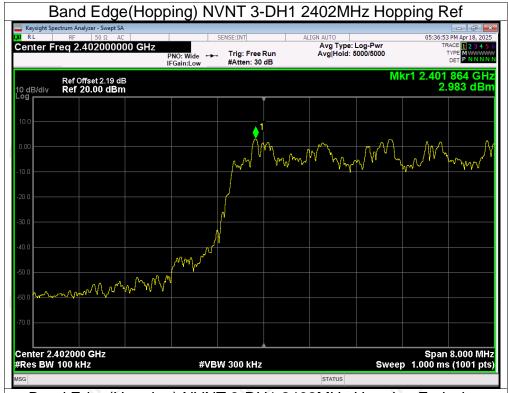


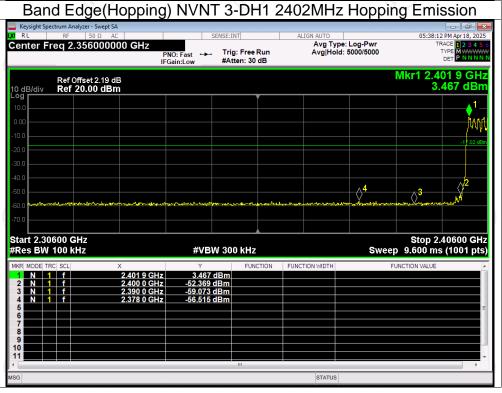




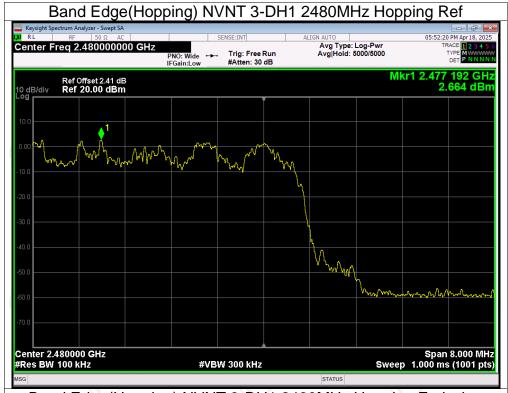


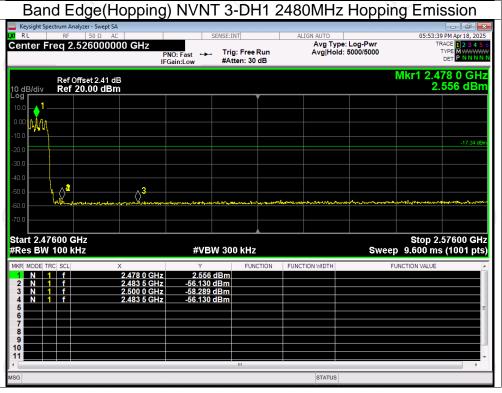








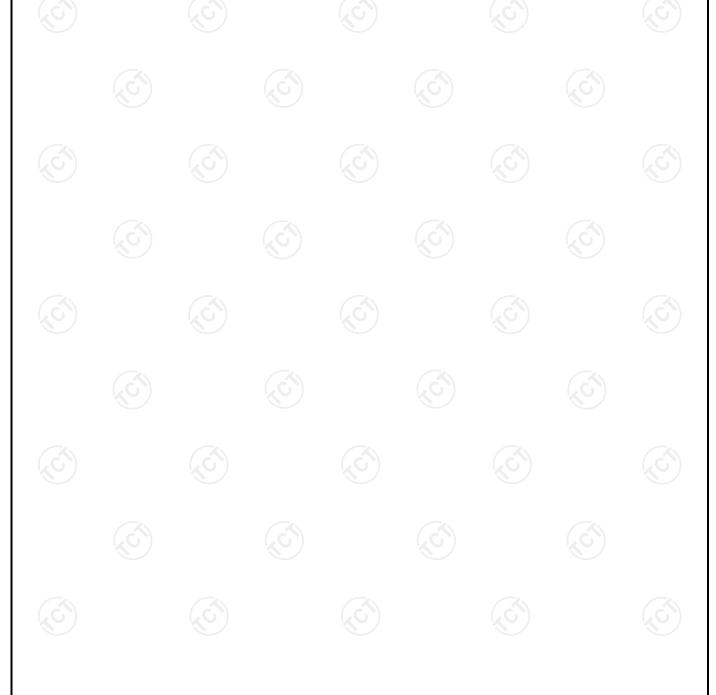






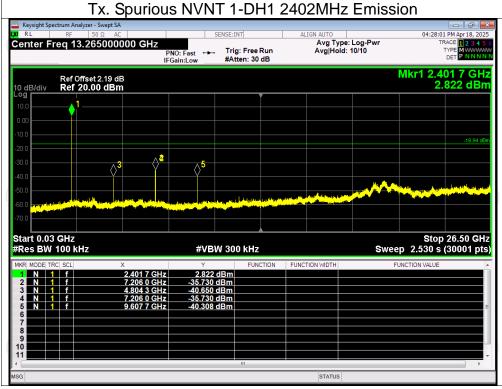
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	-38.78	-20	Pass
NVNT	1-DH1	2441	-38.94	-20	Pass
NVNT	1-DH1	2480	-41.05	-20	Pass
NVNT	2-DH1	2402	-41.13	-20	Pass
NVNT	2-DH1	2441	-39.79	-20	Pass
NVNT	2-DH1	2480	-41.41	-20	Pass
NVNT	3-DH1	2402	-43.18	-20	Pass
NVNT	3-DH1	2441	-40.88	-20	Pass
NVNT	3-DH1	2480	-40.83	-20	Pass

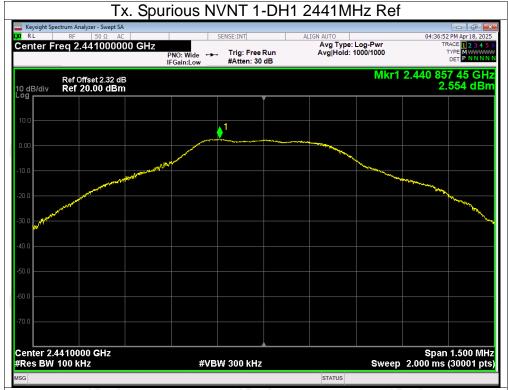


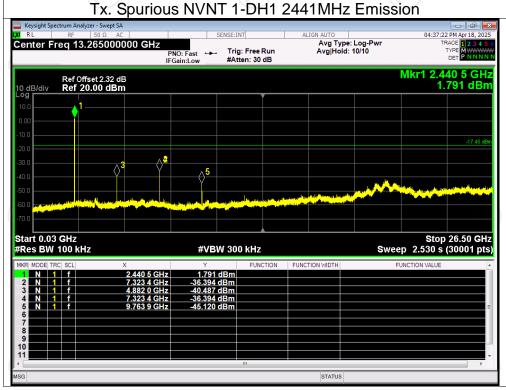






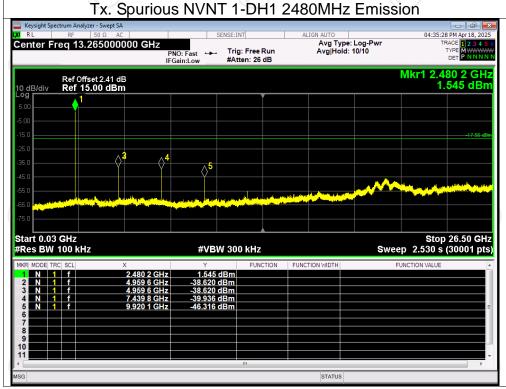








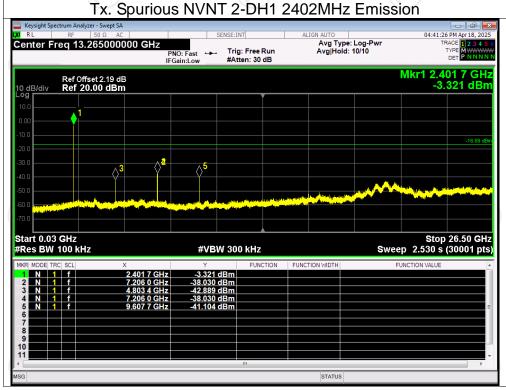






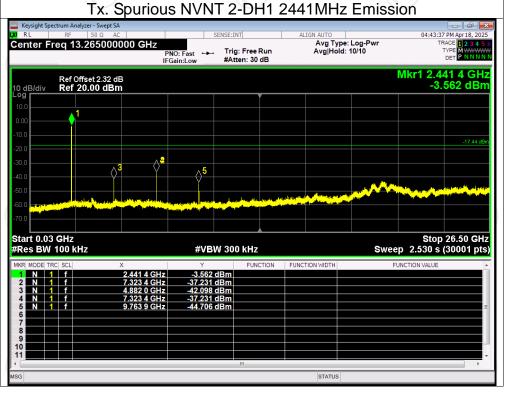






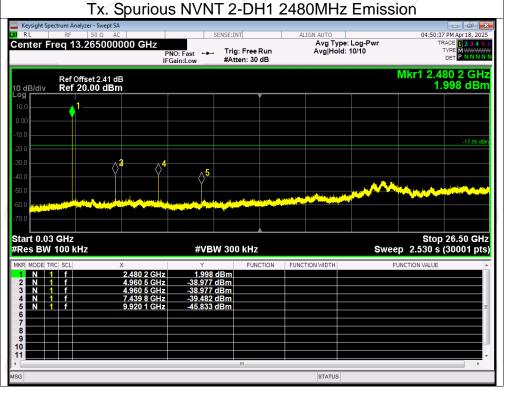








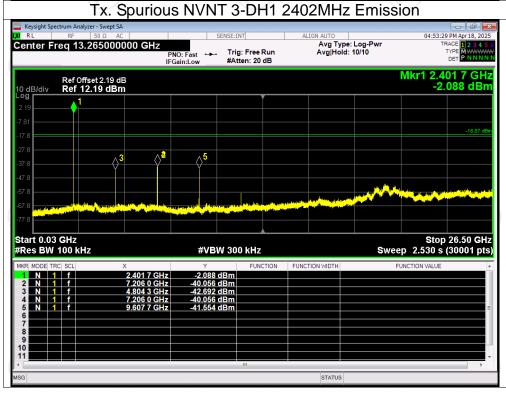






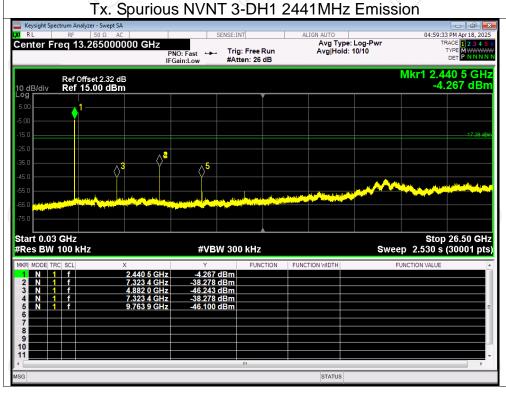








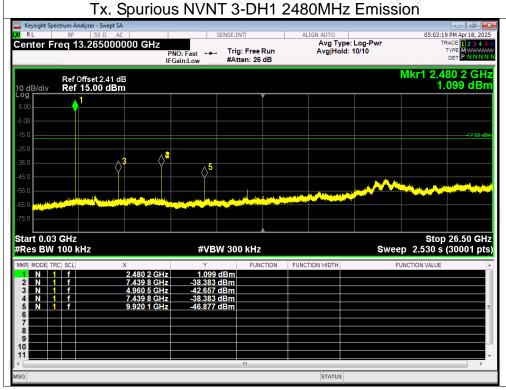










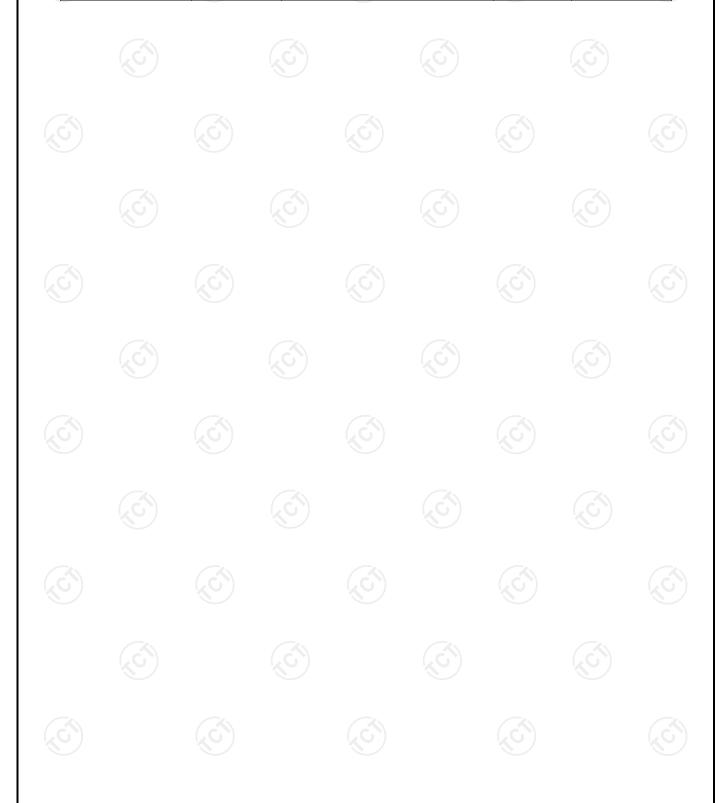




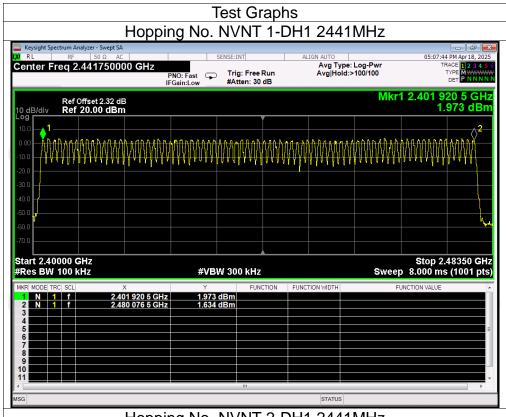
Report No.: TCT250410E053

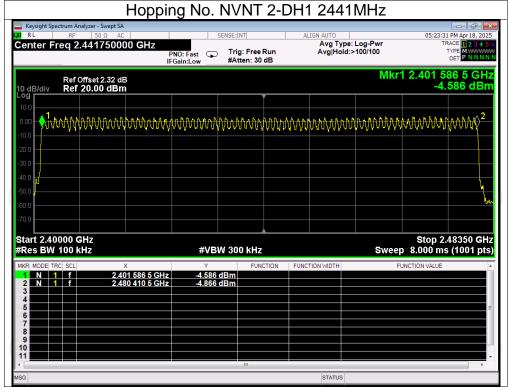
Number of Hopping Channel

	rumber et riepping enumer										
	Condition	Mode	Hopping Number	Limit	Verdict						
	NVNT	1-DH1	79	15	Pass						
	NVNT	2-DH1	79	15	Pass						
5	NVNT	3-DH1	79	15	Pass						



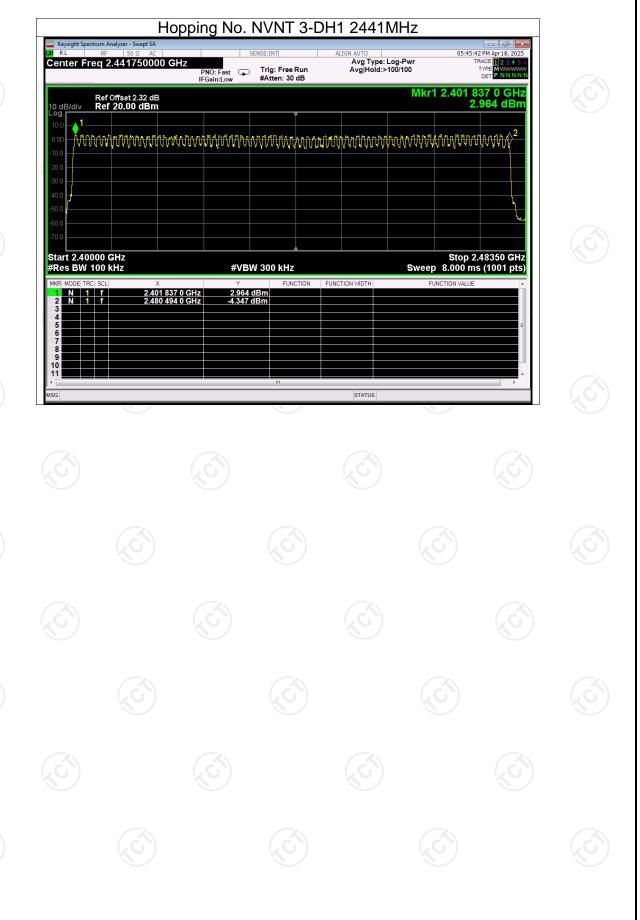














Report No.: TCT250410E053

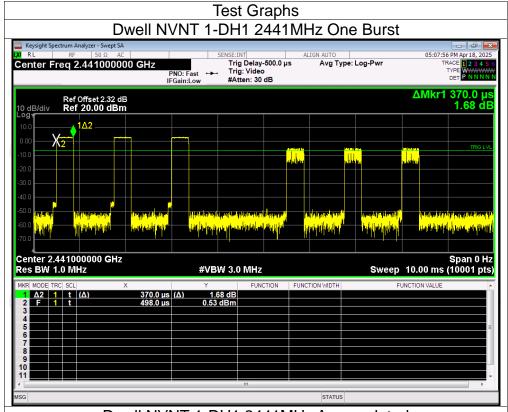
Dwell Time

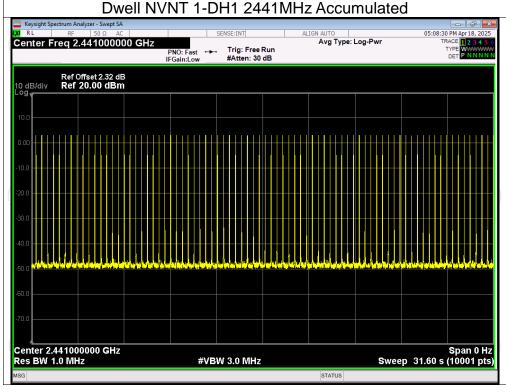
Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.37	28.86	78	31600	400	Pass
NVNT	1-DH3	2441	1.62	87.48	54	31600	400	Pass
NVNT	1-DH5	2441	2.87	114.80	40	31600	400	Pass
NVNT	2-DH1	2441	0.37	29.23	79	31600	400	Pass
NVNT	2-DH3	2441	1.62	87.48	54	31600	400	Pass
NVNT	2-DH5	2441	2.88	115.20	40	31600	400	Pass
NVNT	3-DH1	2441	0.37	28.86	78	31600	400	Pass
NVNT	3-DH3	2441	1.62	87.48	54	31600	400	Pass
NVNT	3-DH5	2441	2.88	115.20	40	31600	400	Pass
NVHT	3-DH5	2441	2.89	294.78	102	31600	400	Pass

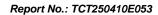




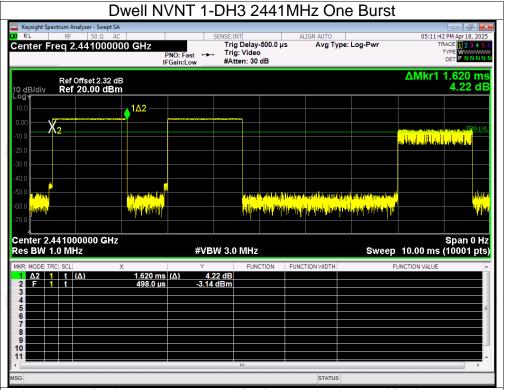


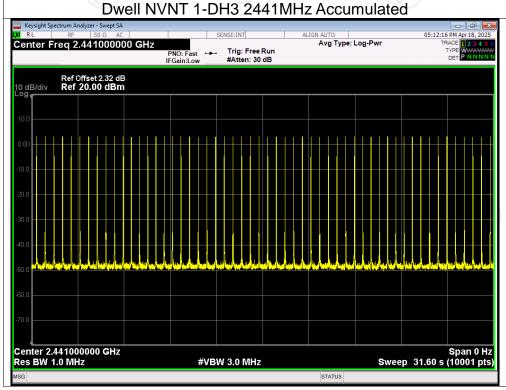






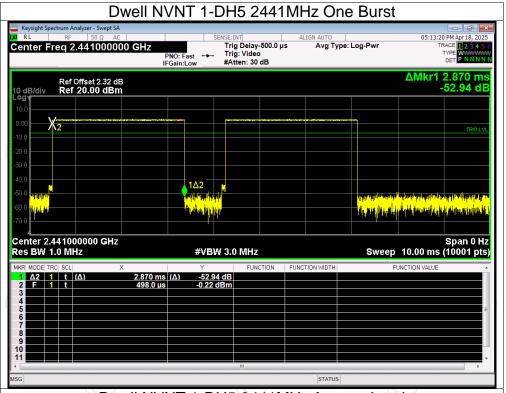


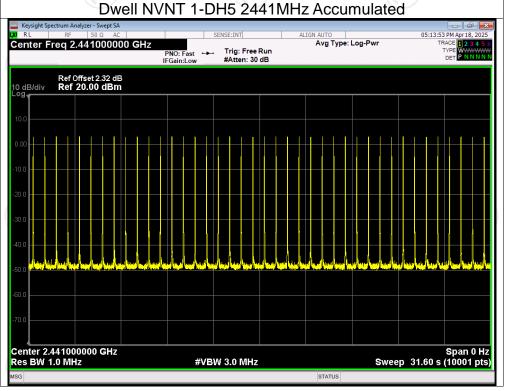




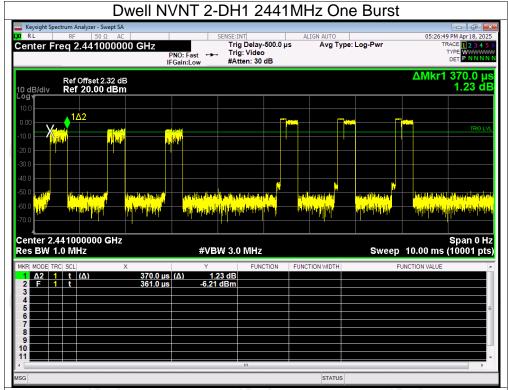


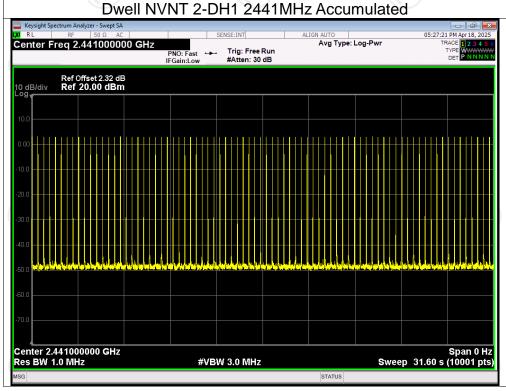


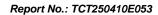




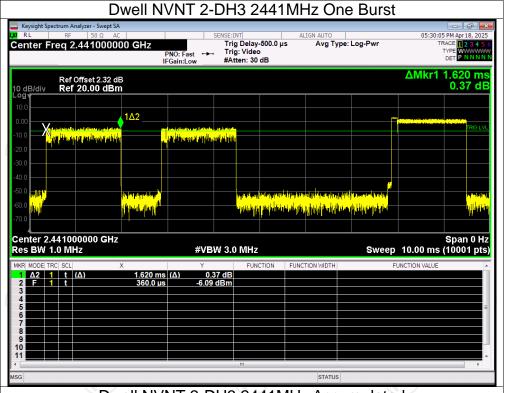


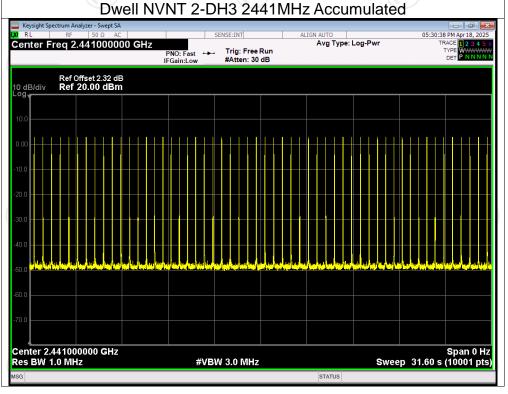


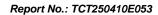




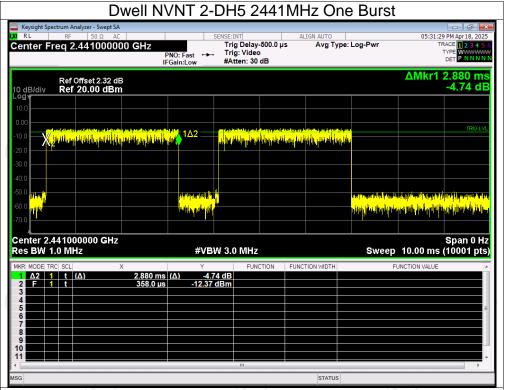


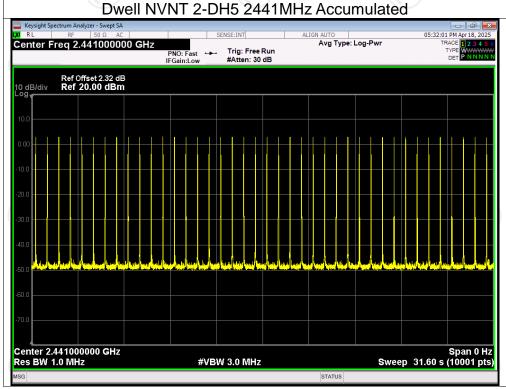






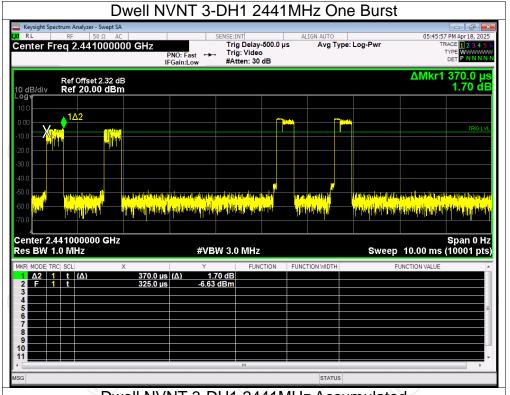


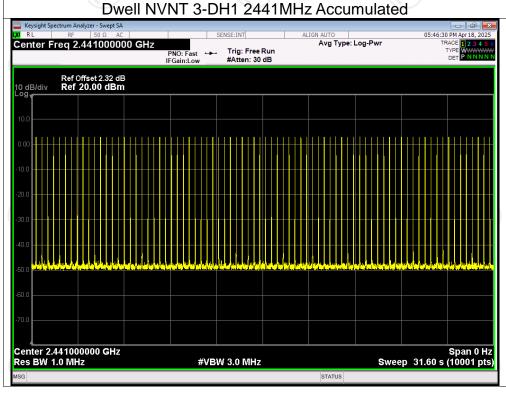






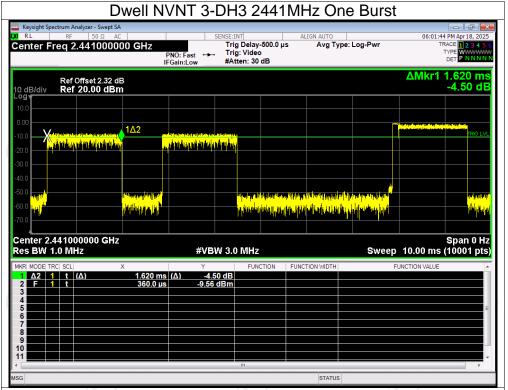


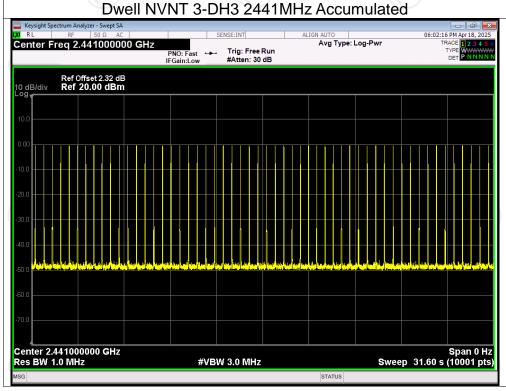






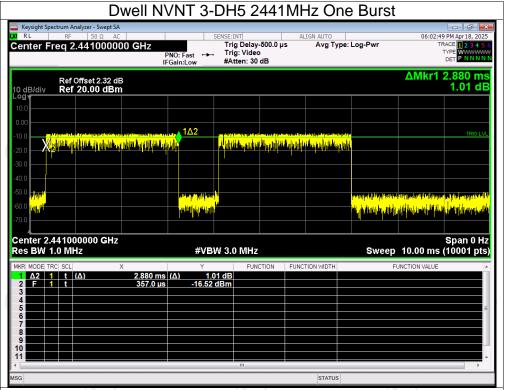


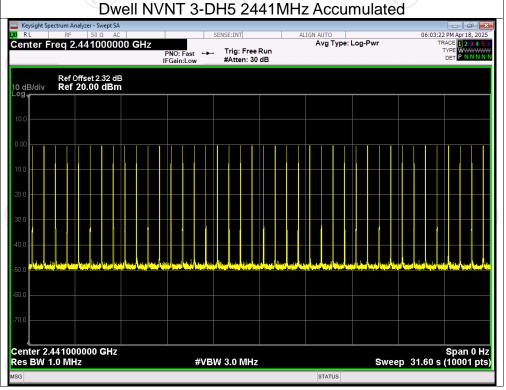


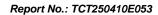




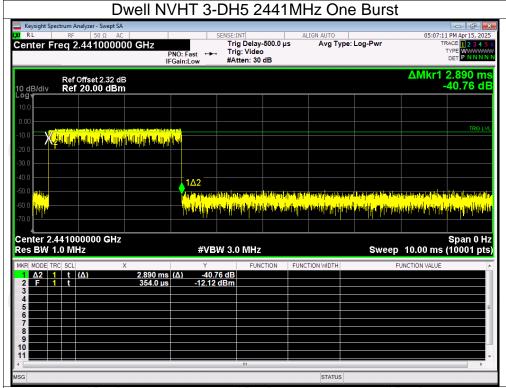


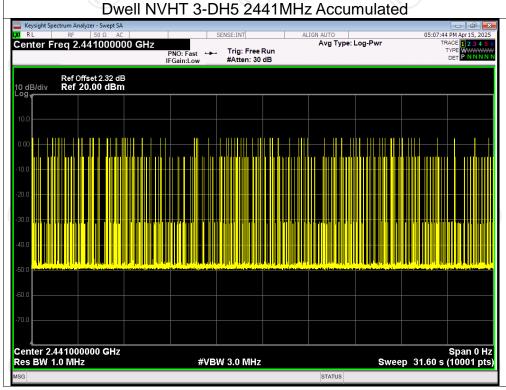














Report No.: TCT250410E053

Appendix B: Photographs of Test Setup

Please refer to document Appendix No.: TCT250410E053-A

Appendix C: Photographs of EUT

Please refer to document Appendix No.: TCT250410E053-B & TCT250410E053-C

