

TEST REPORT							
FCC ID:	2BPFF-Z01						
Test Report No::	TCT250617E004						
Date of issue:	Jun. 25, 2025						
Testing laboratory:	SHENZHEN TONGCE TESTING LAB						
Testing location/ address:	2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China						
Applicant's name::	Shenzhen Xinwang Optoelectron	nic Display Technology Co., Ltd.					
Address::	Room 502, Jintian Building, Kaitian Science Park, Pinghu Community, Pinghu Subdistrict, Longgang District, Shenzhen City, China						
Manufacturer's name:	Shenzhen Xinwang Optoelectror	nic Display Technology Co., Ltd.					
Address::	Room 502, Jintian Building, Kaitian Science Park, Pinghu Community, Pinghu Subdistrict, Longgang District, Shenzhen City, China						
Standard(s):	FCC CFR Title 47 Part 15 Subpa FCC KDB 558074 D01 15.247 M ANSI C63.10:2020						
Product Name::	Car Video Box						
Trade Mark:	N/A						
Model/Type reference:	Z01, Z02, Z03, Z04, Z05, Z06, Z	07, Z08, Z09, Z10					
Rating(s)::	DC 5V						
Date of receipt of test item	Jun. 17, 2025						
Date (s) of performance of test:	f Jun. 17, 2025 ~ Jun. 25, 2025						
Tested by (+signature) :	Rleo LIU	Reo Williamsce					
Check by (+signature):	Beryl ZHAO	Boyl 2 TCT)					
Approved by (+signature):	Tomsin	Joms in s					

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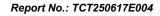




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1. General Product Information

1.1. EUT description

Car Video Box			
Z01			
TCT250617E004-0101			
V4.2			
2402MHz~2480MHz			
1/2/3 Mbits/s	(C)		(C)
79			
GFSK, π/4-DQPSK, 8DPSK		(.6.5)	
FHSS			
PCB Antenna			
4.29dBi			(0)
DC 5V			
	Car Video Box Z01 TCT250617E004-0101 V4.2 2402MHz~2480MHz 1/2/3 Mbits/s 79 GFSK, π/4-DQPSK, 8DPSK FHSS PCB Antenna 4.29dBi DC 5V	Z01 TCT250617E004-0101 V4.2 2402MHz~2480MHz 1/2/3 Mbits/s 79 GFSK, π/4-DQPSK, 8DPSK FHSS PCB Antenna 4.29dBi DC 5V	Z01 TCT250617E004-0101 V4.2 2402MHz~2480MHz 1/2/3 Mbits/s 79 GFSK, π/4-DQPSK, 8DPSK FHSS PCB Antenna 4.29dBi

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

1.2. Model(s) list

No.	Model No.	Tested with
1	Z01	
Other models	Z02, Z03, Z04, Z05, Z06, Z07, Z08, Z09, Z10	

Note: Z01 is tested model, other models are derivative models. The models are identical in circuit and PCB layout, different on the model names. So the test data of Z01 can represent the remaining models.

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	
	(C)	((C)	(¿Ċ	`)	<u>((Č)</u>		
10	2412MHz	30	2432MHz	50	2452MHz	70	2472MHz	
11	2413MHz	31	2433MHz	51	2453MHz	71	2473MHz	
					(2)			
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.





3. General Information

3.1. Test environment and mode

Operating Environment:						
Condition	Conducted Emission	Radiated Emission				
Temperature:	24.8 °C	22.8 °C				
Humidity:	52 % RH	51 % RH				
Atmospheric Pressure:	1010 mbar	1010 mbar				
Test Software:						
Software Information:	RTLBTAPP.exe					
Power Level:	evel: 7					
Test Mode:						
Engineering mode: Keep the EUT in continuous transmitting by select channel and modulations with Fully-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
Notebook Computer	G3 3500	00342-36088-99832- AAOEM	1	DELL
Power Supply	HA130PM190	CN-0CY0JM-CH200- 0B6-7405-A01	1	DELL

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.

A2LA-No.: 4320.01

SHENZHEN TONGCE TESTING LAB

The testing lab has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories.

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

5. 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

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6. Test Results and Measurement Data

6.1. Antenna requirement

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

15.203 requirement:

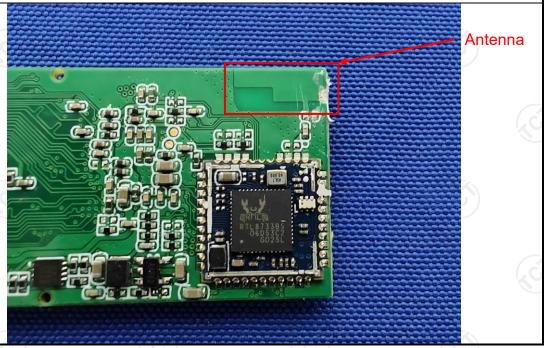
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

E.U.T Antenna:

The Bluetooth antenna is PCB antenna which permanently attached, and the best case gain of the antenna is 4.29dBi.



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6.2. Conducted Emission

6.2.1. Test Specification

Test Requirement: Test Method: Frequency Range: Receiver setup: Limits:	FCC Part15 C Section 2 ANSI C63.10:2020 150 kHz to 30 MHz RBW=9 kHz, VBW=30 Frequency range (MHz) 0.15-0.5 0.5-5 5-30 Reference		1		
Frequency Range: Receiver setup:	150 kHz to 30 MHz RBW=9 kHz, VBW=30 Frequency range (MHz) 0.15-0.5 0.5-5 5-30	Limit (c Quasi-peak 66 to 56* 56	dBuV) Average 56 to 46* 46		
Receiver setup:	RBW=9 kHz, VBW=30 Frequency range (MHz) 0.15-0.5 0.5-5 5-30	Limit (c Quasi-peak 66 to 56* 56	dBuV) Average 56 to 46* 46		
	Frequency range (MHz) 0.15-0.5 0.5-5 5-30	Limit (c Quasi-peak 66 to 56* 56	dBuV) Average 56 to 46* 46		
Limits:	(MHz) 0.15-0.5 0.5-5 5-30	Quasi-peak 66 to 56* 56	Average 56 to 46* 46		
Limits:	0.15-0.5 0.5-5 5-30	66 to 56* 56	56 to 46* 46		
Lillits.	0.5-5 5-30	56	46		
	5-30				
	Reference	O I			
		Plane			
Test Setup:	Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m				
Test Mode:	Transmitting Mode				
Test Procedure:	 The E.U.T is connected to an adapter through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2020 on conducted measurement. 				
Test Result:	PASS				



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6.2.2. Test Instruments

Conducted Emission Shielding Room Test Site (843)								
Equipment	Manufacturer	Serial Number	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 (0)			

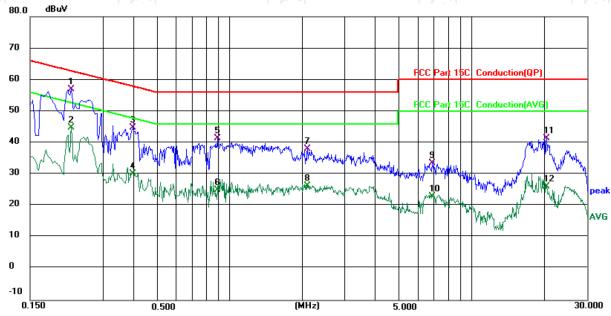




6.2.3. Test data

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: 24.8 (°C)

Humidity: 52 %

Report No.: TCT250617E004

Limit: FCC Part 15C Conduction(QP)

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1	*	0.2220	46.96	9.92	56.88	62.74	-5.86	QP	
2		0.2220	34.90	9.92	44.82	52.74	-7.92	AVG	
3		0.3980	34.79	9.92	44.71	57.90	-13.19	QP	
4		0.3980	20.17	9.92	30.09	47.90	-17.81	AVG	
5		0.8940	31.48	9.93	41.41	56.00	-14.59	QP	
6		0.8940	15.05	9.93	24.98	46.00	-21.02	AVG	
7		2.1059	28.08	10.03	38.11	56.00	-17.89	QP	
8		2.1059	16.37	10.03	26.40	46.00	-19.60	AVG	
9		6.8860	23.28	10.19	33.47	60.00	-26.53	QP	
10		6.8860	12.72	10.19	22.91	50.00	-27.09	AVG	
11		20.3779	30.77	10.66	41.43	60.00	-18.57	QP	
12		20.3779	15.46	10.66	26.12	50.00	-23.88	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 (dBμV) = Limit stated in standard

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

Q.P. =Quasi-Peak

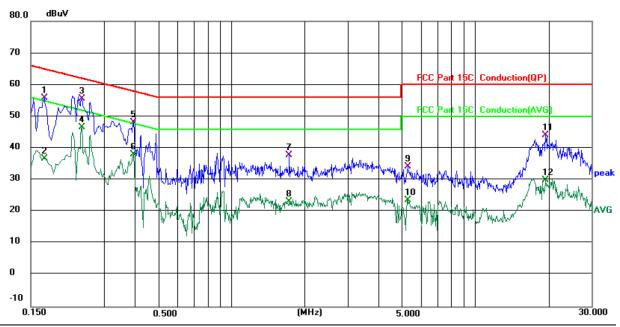
AVG =average

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





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



Site 844 Shielding Room

Phase: N

Temperature: 24.8 (°C)

Humidity: 52 %

Limit: FCC Part 15C Conduction(QP)

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

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBu∨	dB	dBu∨	dBu∀	dB	Detector	Comment
1	0.1700	45.94	9.94	55.88	64.96	-9.08	QP	
2	0.1700	26.76	9.94	36.70	54.96	-18.26	AVG	
3	0.2419	45.70	9.93	55.63	62.03	-6.40	QP	
4 *	0.2419	36.73	9.93	46.66	52.03	-5.37	AVG	
5	0.3940	38.13	9.94	48.07	57.98	-9.91	QP	
6	0.3940	28.15	9.94	38.09	47.98	-9.89	AVG	
7	1.7300	27.79	10.01	37.80	56.00	-18.20	QP	
8	1.7300	13.19	10.01	23.20	46.00	-22.80	AVG	
9	5.3100	24.13	10.16	34.29	60.00	-25.71	QP	
10	5.3100	13.52	10.16	23.68	50.00	-26.32	AVG	
11	19.4980	33.49	10.64	44.13	60.00	-15.87	QP	
12	19.4980	19.26	10.64	29.90	50.00	-20.10	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 (Highest channel and 8DPSK) was submitted only.



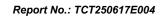
6.3. Conducted Output Power

6.3.1. Test Specification

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

6.3.2. 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





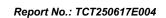
6.4. 20dB Occupy Bandwidth

6.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)					
Test Method:	KDB 558074 I	D01 v05r02				
Limit:	N/A					
Test Setup:	Spectrum Analyza	er	EUT			
Test Mode:	Transmitting n	node with modu	ılation			
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. Use the following spectrum analyzer settings for 20dB Bandwidth measurement. Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel; 1%≤RBW≤5% of the 20 dB bandwidth; VBW≥3RBW; Sweep = auto; Detector function = peak; Trace = max hold. Measure and record the results in the test report. 					
Test Result:	PASS		(0)	60		

6.4.2. 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





6.5. Carrier Frequencies Separation

6.5.1. 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 of 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				

6.5.2. 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





6.6. Hopping Channel Number

6.6.1. Test Specification

0.0.1. 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

6.6.2. 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



6.7. Dwell Time

6.7.1. 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:	 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

6.7.2. 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



6.8. Pseudorandom Frequency Hopping Sequence

Test Requirement:

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

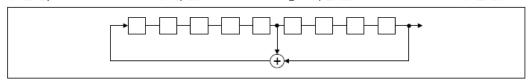
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

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

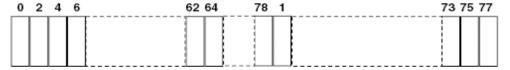
The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first one of 9 consecutive ones; i.e. the shift register is initialized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



6.9. Conducted Band Edge Measurement

6.9.1. 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 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

6.9.2. 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	

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6.10. Conducted Spurious Emission Measurement

6.10.1. 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					

6.10.2. Test Instruments

Equipment	quipment Manufacturer		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

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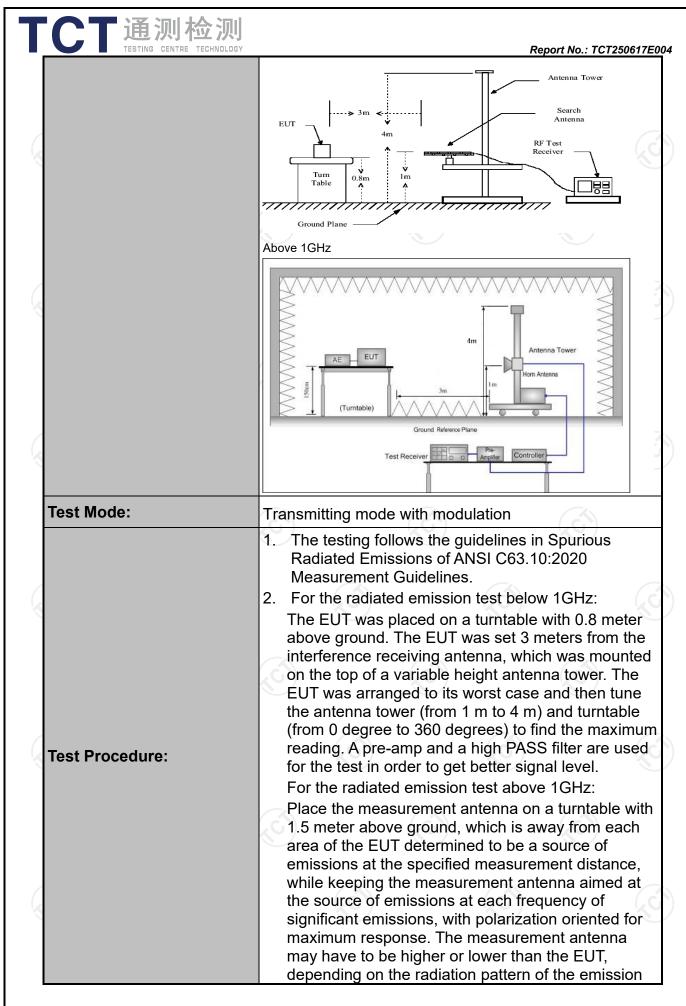
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



6.11. Radiated Spurious Emission Measurement

6.11.1. Test Specification

		4			
Test Requirement:	FCC Part15	C Sectio	n 15.209	(0)	
Test Method:	ANSI C63.10):2020			
Frequency Range:	9 kHz to 25 (GHz			
Measurement Distance:	3 m				
Antenna Polarization:	Horizontal &	Vertical			
De cairean Catrons	Frequency 9kHz- 150kHz 150kHz-	Detector Quasi-pea Quasi-pea	ak 200Hz	VBW 1kHz 30kHz	Remark Quasi-peak Value Quasi-peak Value
Receiver Setup:	30MHz 30MHz-1GHz Above 1GHz	Quasi-pea Peak Peak	ak 120KHz 1MHz 1MHz	300KHz 3MHz 10Hz	Quasi-peak Value Peak Value Average Value
Limit:	Frequen 0.009-0.4 0.490-1.7 1.705-3 30-88 88-216 216-96 Above 9 Frequency Above 1GHz	190 705 50 60 Fig (mic	Field Stre (microvolts 2400/F(I 24000/F) 30 100 150 200 500 eld Strength rovolts/meter)	/meter) KHz) (KHz)	ce Detector
Test setup:	For radiated emis	stance = 3m	w 30MHz		Computer



LC.	■通测检测		
	TESTING CENTRE TECHNOLOGY		Report No.: TCT250617E004
		recome ma anto resi abo	I staying aimed at the emission source for eiving the maximum signal. The final asurement antenna elevation shall be that which ximizes the emissions. The measurement enna elevation for maximum emissions shall be tricted to a range of heights of from 1 m to 4 m ove the ground or reference ground plane. It to the maximum power setting and enable the local transmit continuously.
(4. Us (1	e the following spectrum analyzer settings:) Span shall wide enough to fully capture the emission being measured;) Set RBW=120 kHz for f < 1 GHz, RBW=1MHz for f>1GHz; VBW≥RBW; Sweep = auto; Detector function = peak; Trace
		(3)	= 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
		(0)	Level + 20*log(Duty cycle) Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
Test re	esults:	PASS	



6.11.2. Test Instruments

	F	Radiated Emission	n 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	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	1	1	1
EMI Test Software	EZ_EMC	FA-03A2 RE+	1.1.4.2	1) 1



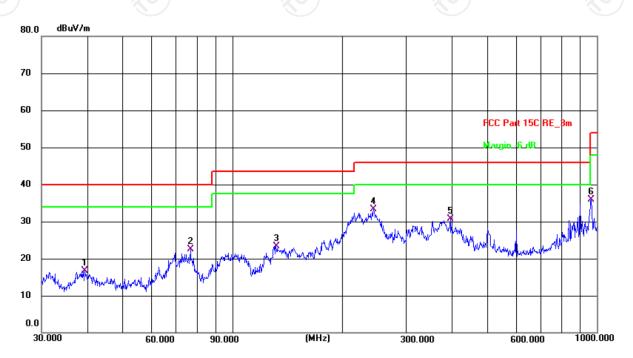


6.11.3. Test Data

Please refer to following diagram for individual

Below 1GHz

Horizontal:



Site 3m Anechoic Chamber2 Temperature: 22.8(C) Humidity: 51 % Polarization: Horizontal

Limit: FCC Part 15C RE 3m Frequency

(MHz)

39.4371

76.7808

131.7577

244.2321

396.2415

965.5420

No.

1 2

3

4

5

6

Reading

(dBuV)

35.19

43.95

41.56

52.96

45.88

40.60

-15.11

-4.63

30.77

35.97

Factor Level Limit Margin Detector P/F Remark (dB/m) (dBuV/m) (dBuV/m) (dB) -18.53 16.66 40.00 -23.34 QΡ -21.36 22.59 40.00 -17.41 QP Ρ -18.30 23.26 43.50 -20.24 QΡ Ρ 33.25 Р -19.71 46.00 -12.75 QP

Р

Р

QP

QP

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

46.00

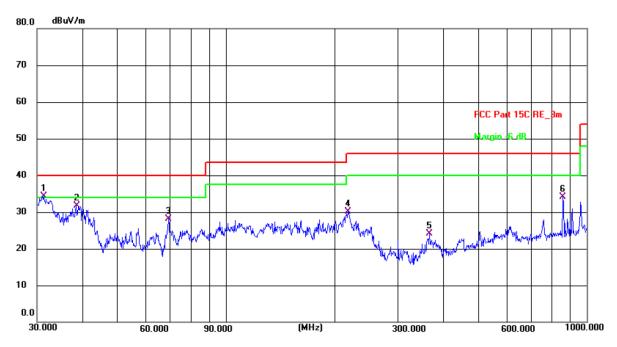
54.00

-15.23

-18.03



Vertical:



Site 3m Anechoic Chamber2 Polarization: Vertical Temperature: 22.8(C) Humidity: 51 %

Limit: FCC Part 15C RE_3m

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

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	31.2892	53.97	-19.57	34.40	40.00	-5.60	QP	Р	
2	38.4809	50.42	-18.69	31.73	40.00	-8.27	QP	Р	
3	69.3568	48.37	-20.30	28.07	40.00	-11.93	QP	Р	
4	218.3084	50.83	-20.72	30.11	46.00	-15.89	QP	Р	
5	366.8231	40.17	-16.11	24.06	46.00	-21.94	QP	Р	
6	860.0351	40.60	-6.58	34.02	46.00	-11.98	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 (Highest channel and 8DPSK) 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 (dBµV/m) = Limit stated in standard

Over (dB) = Measurement (dB μ V/m) – Limits (dB μ V/m)

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

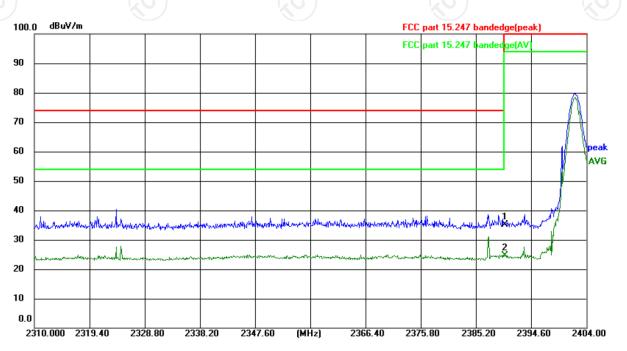
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Test Result of Radiated Spurious at Band edges

Lowest channel 2402:

Horizontal:



Site: 3m Anechoic Chamber Polarization: Horizontal Temperature: 22.9(°C) Humidity: 63 %

Limit: FCC part 15.247 bandedge(peak)

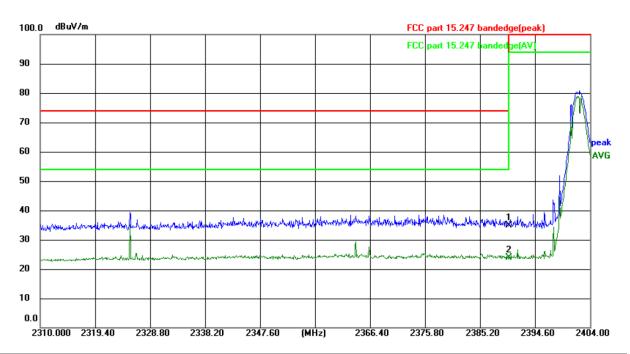
Power:DC 5 V(Notebook Computer Input AC 120 V/60 Hz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F	Remark
1	2390.000	50.97	-15.86	35.11	74.00	-38.89	peak	Р	
2 *	2390.000	40.57	-15.86	24.71	54.00	-29.29	AVG	Р	





Vertical:



Site: 3m Anechoic Chamber Polarization: Vertical Temperature: 22.9(°C) Humidity: 63 %

Limit: FCC part 15.247 bandedge(peak)

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

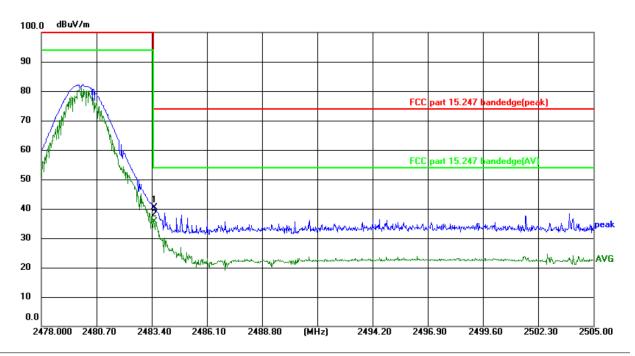
No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	50.73	-15.86	34.87	74.00	-39.13	peak	Р	
2 *	2390.000	39.78	-15.86	23.92	54.00	-30.08	AVG	Р	





Highest channel 2480:

Horizontal:



Site: 3m Anechoic Chamber Polarization: Horizontal Temperature: 22.9(°C) Humidity: 63 %

Limit: FCC part 15.247 bandedge(peak)

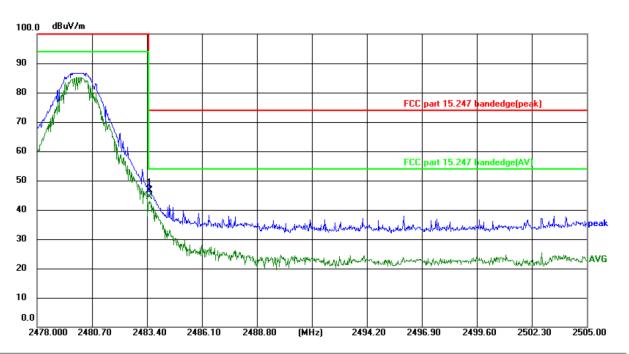
Power: DC 5 V(Notebook Computer Input AC 120 V/60 Hz)

Ì	No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
	1	2483.500	56.99	-16.60	40.39	74.00	-33.61	peak	Р	
	2 *	2483.500	52.34	-16.60	35.74	54.00	-18.26	AVG	Р	





Vertical:



Site: 3m Anechoic Chamber Polarization: Vertical Temperature: 22.9(°C) Humidity: 63 %

Limit: FCC part 15.247 bandedge(peak)

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

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	63.16	-16.60	46.56	74.00	-27.44	peak	Р	
2 *	2483.500	61.10	-16.60	44.50	54.00	-9.50	AVG	Р	

Note: 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: 8DPSK									
Low channel: 2402 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	l AV	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4804	Н	55.97	-	-9.51	46.46		74	54	-7.54
7206	Н	46.28	I	-1.41	44.87		74	54	-9.13
	H				-	- X	I	7-7/	
							(, (, ')		
4804	V	55.89		-9.51	46.38	<u></u>	74	54	-7.62
7206	V	46.55	-	-1.41	45.14		74	54	-8.86
	V								

Middle channel: 2441 MHz			(0)			((0))			/ _C C
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Peak		Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4882	Н	55.39		-9.36	46.03		74	54	-7.97
7323	(H)	45.43		-1.14	44.29	07	74	54	-9.71
	H					<u> </u>			
							,		
4882	V	55.57		-9.36	46.21		74	54	-7.79
7323	V	45.70		-1.14	44.56		74	54	-9.44
)	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)	AV	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4960	Η	54.93)	-9.20	45.73	1	74	54	-8.27
7440	Ι	46.04	ŀ	-0.96	45.08	I	74	54	-8.92
	Ι	7	ŀ		_	I	-		
		(.c)		(, 0			(G)		(, C)
4960	V	54.82	ŀ	-9.20	45.62	I	74	54	-8.38
7440	V	45.76	-	-0.96	44.80		74	54	-9.20
	V	-							

Note:

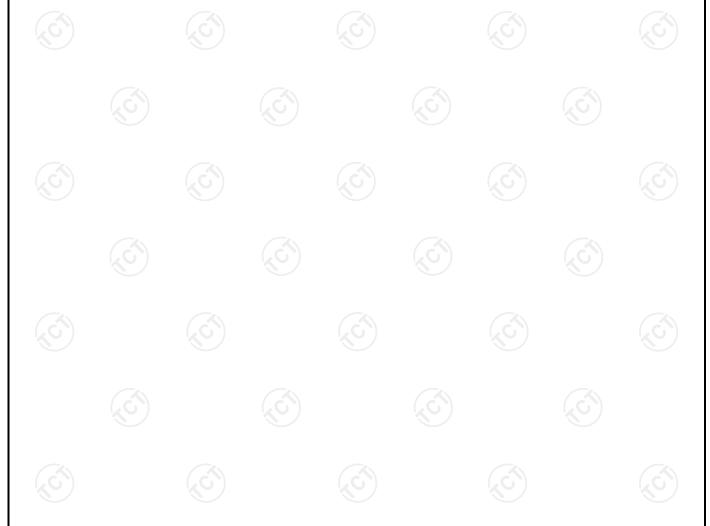
- 1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss Pre-amplifier
- 2. Margin (dB) = Emission Level (Peak) (dB μ V/m)-Average limit (dB μ V/m)
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 4. 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 (8DPSK) 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	4.05	30	Pass					
NVNT	1-DH1	2441	3.43	30	Pass					
NVNT	1-DH1	2480	4.39	30	Pass					
NVNT	2-DH1	2402	3.97	21	Pass					
NVNT	2-DH1	2441	3.91	21	Pass					
NVNT	2-DH1	2480	4.47	21	Pass					
NVNT	3-DH1	2402	4.23	21	Pass					
NVNT	3-DH1	2441	4.57	21	Pass					
NVNT	3-DH1	2480	5.21	21	Pass					







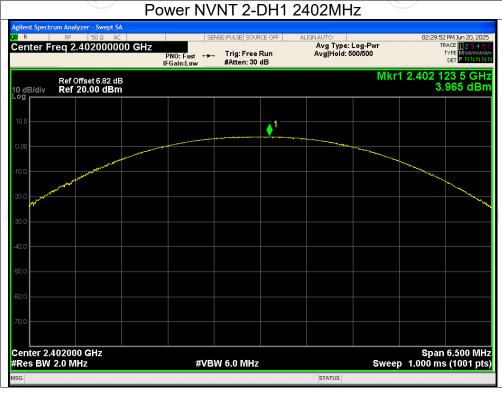






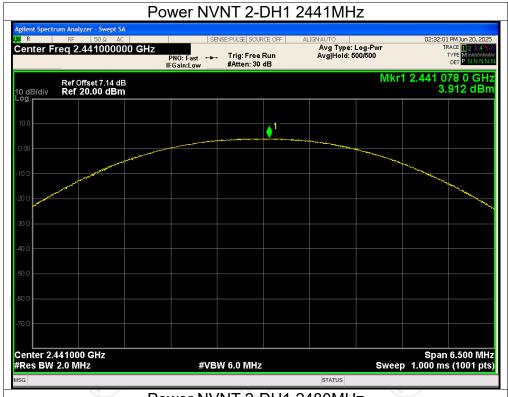










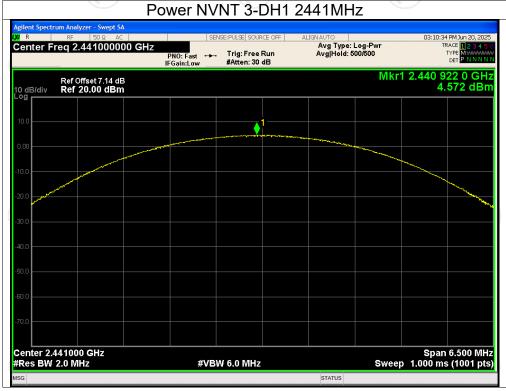


| Power NVNT 2-DH1 2480MHz | Sensepuse| Source Of | Autonauto | O2:5508 FM Jun 20, 2025 | O2:550



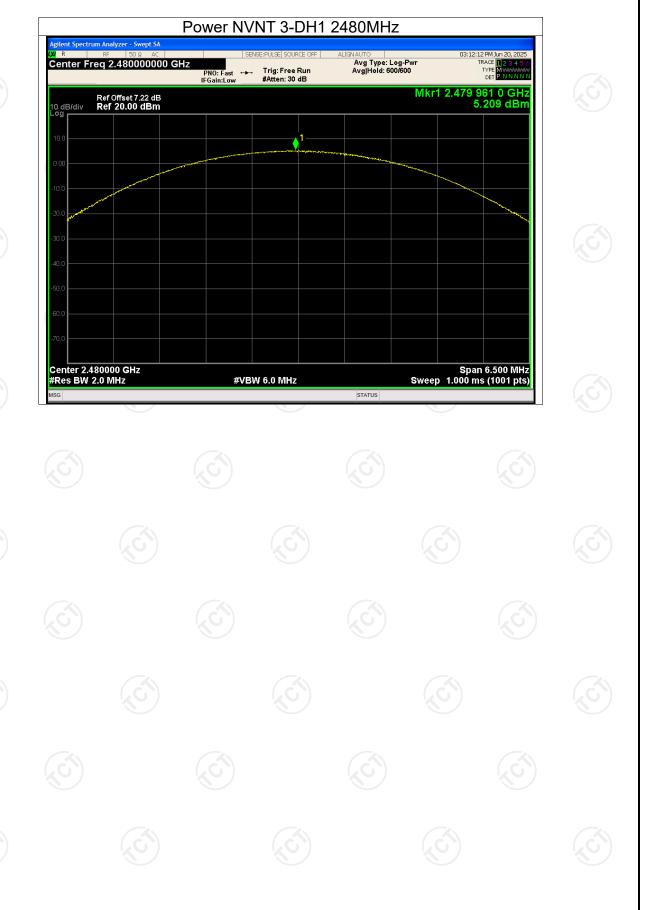














-20dB Bandwidth

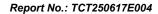
Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	0.879	Pass
NVNT	1-DH1	2441	0.877	Pass
NVNT	1-DH1	2480	0.880	Pass
NVNT	2-DH1	2402	1.273	Pass
NVNT	2-DH1/	2441	1.274	Pass
NVNT	2-DH1	2480	1.273	Pass
NVNT	3-DH1	2402	1.262	Pass
NVNT	3-DH1	2441	1.258	Pass
NVNT	3-DH1	2480	1.256	Pass















-20dB Bandwidth NVNT 2-DH1 2402MHz 02:30:09 PM Jun 20, 2025 Radio Std: None Center Freq 2.402000000 GHz #IFGain:Low Radio Device: BTS Mkr3 2.402625 GHz -18.973 dBm Center 2.402 GHz #Res BW 30 kHz Span 3 MHz Sweep 3.2 ms #VBW 100 kHz Total Power 9.61 dBm Occupied Bandwidth 1.1709 MHz Transmit Freq Error -11.340 kHz **OBW Power** 99.00 % -20.00 dB x dB Bandwidth 1.273 MHz x dB STATUS







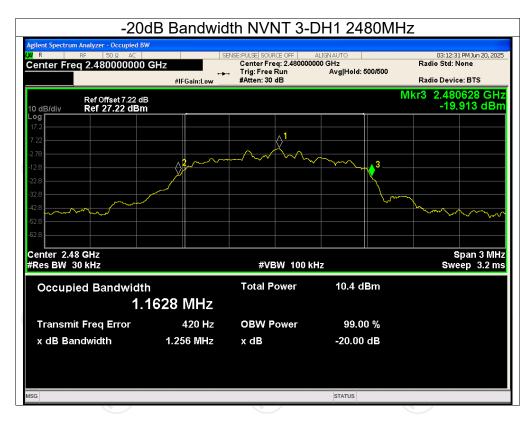






-20dB Bandwidth NVNT 3-DH1 2441MHz 03:10:53 PM Jun 20, 2025 Radio Std: None Center Freq 2.441000000 GHz #IFGain:Low Radio Device: BTS Mkr3 2.441629 GHz -21.084 dBm Center 2.441 GHz #Res BW 30 kHz Span 3 MHz Sweep 3.2 ms #VBW 100 kHz **Total Power** 9.82 dBm Occupied Bandwidth 1.1624 MHz Transmit Freq Error 239 Hz **OBW Power** 99.00 % 1.258 MHz -20.00 dB x dB Bandwidth x dB STATUS









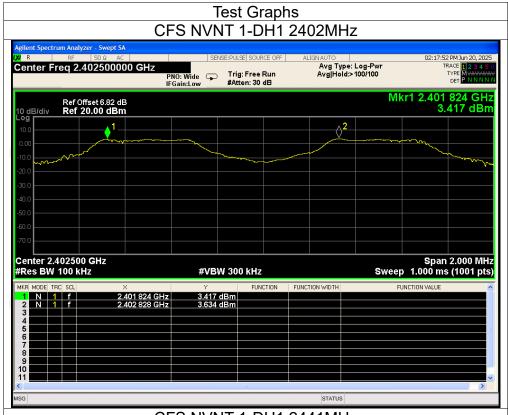
Carrier Frequencies Separation

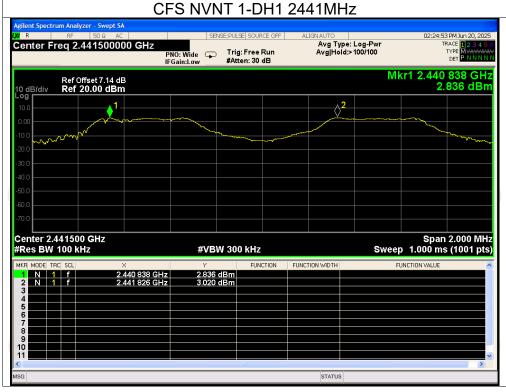
Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	2401.824	2402.828	1.004	0.880	Pass
NVNT	1-DH1	2440.838	2441.826	0.988	0.880	Pass
NVNT	1-DH1	2478.998	2479.994	0.996	0.880	Pass
NVNT	2-DH1	2401.828	2402.828	1.000	0.849	Pass
NVNT	2-DH1	2440.826	2441.828	1.002	0.849	Pass
NVNT	2-DH1	2478.834	2479.830	0.996	0.849	Pass
NVNT	3-DH1	2401.824	2402.828	1.004	0.841	Pass
NVNT	3-DH1	2440.836	2441.826	0.990	0.841	Pass
NVNT	3-DH1	2478.824	2479.826	1.002	0.841	Pass





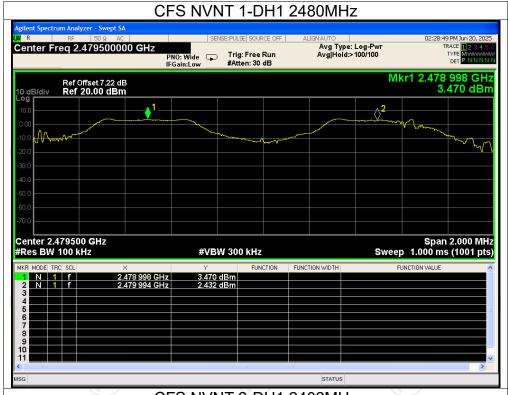


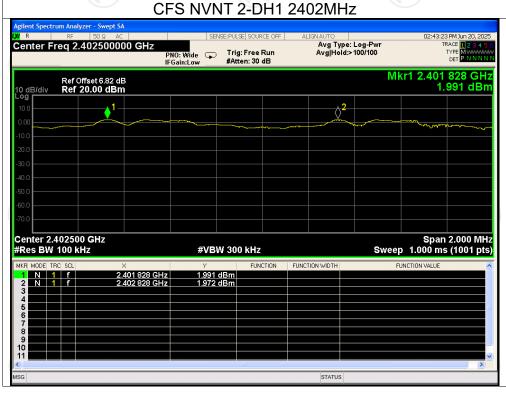






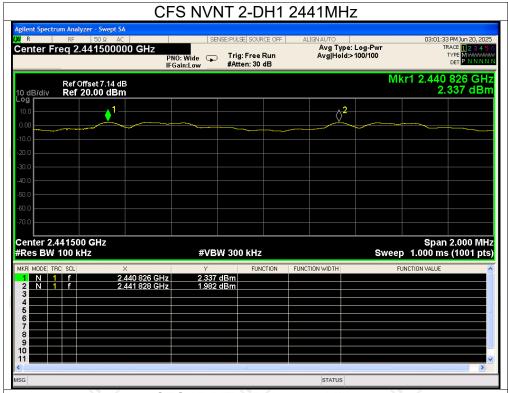


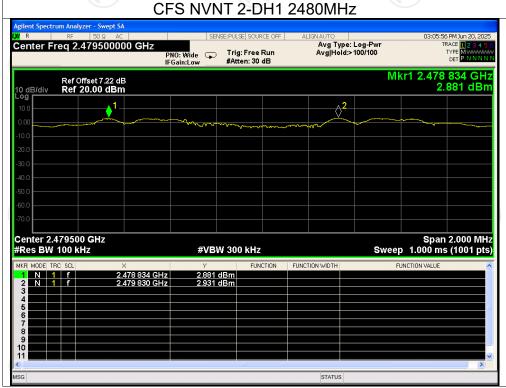






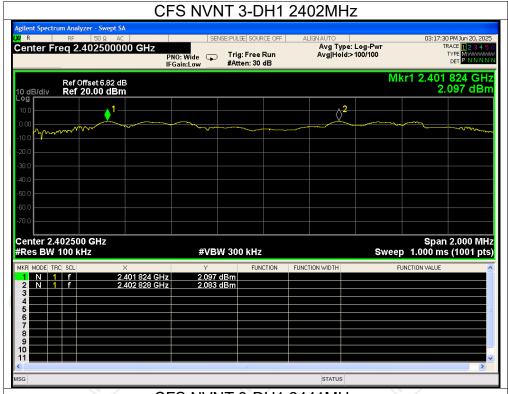


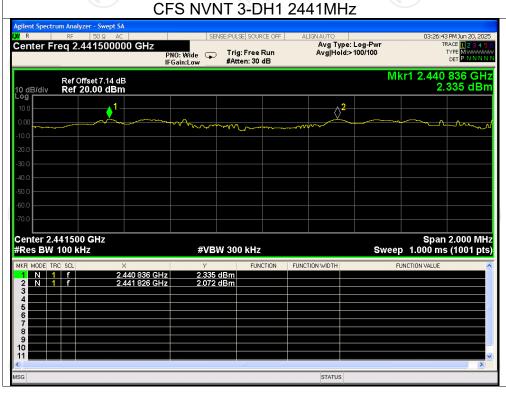






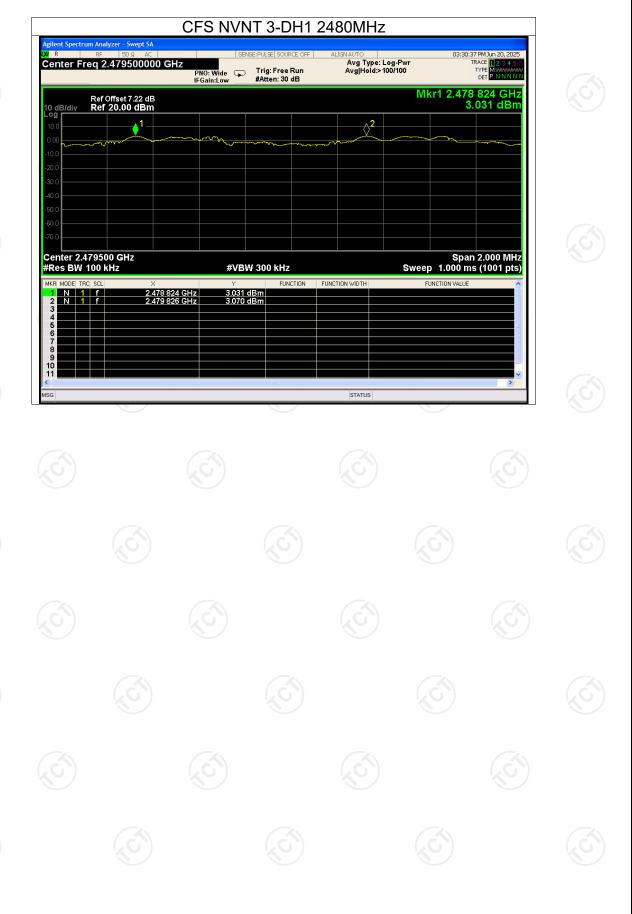








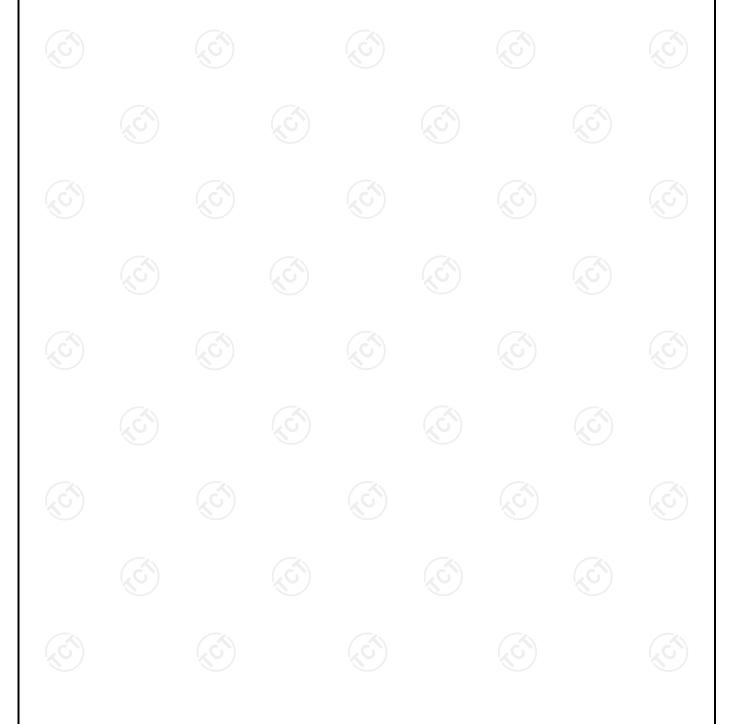




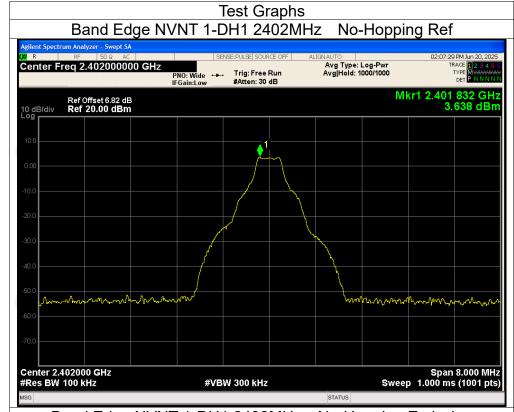


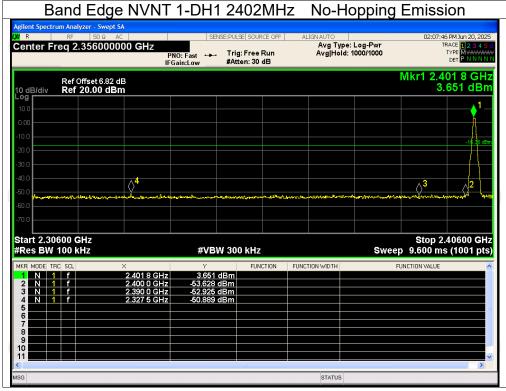
Band Edge

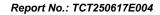
24.14 249						
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	No-Hopping	-54.52	-20	Pass
NVNT	1-DH1	2480	No-Hopping	-54.91	-20	Pass
NVNT	2-DH1	2402	No-Hopping	-53.28	-20	Pass
NVNT	2-DH1	2480	No-Hopping	-53.67	-20	Pass
NVNT	3-DH1	2402	No-Hopping	-53.97	-20	Pass
NVNT	3-DH1	2480	No-Hopping	-53.65	-20	Pass



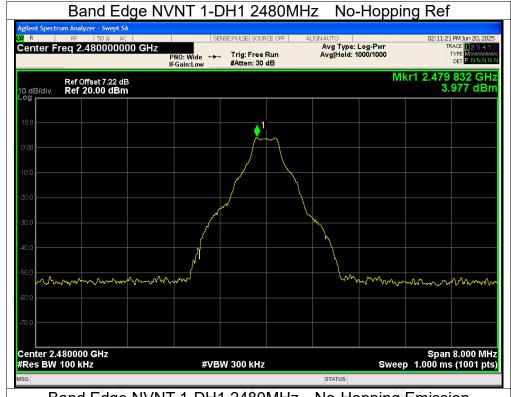


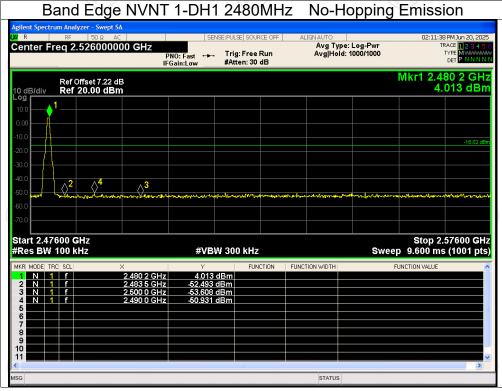






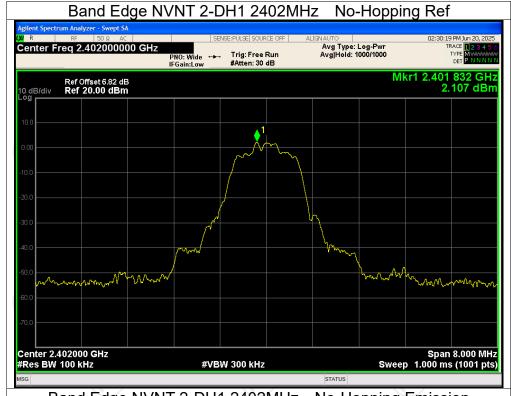


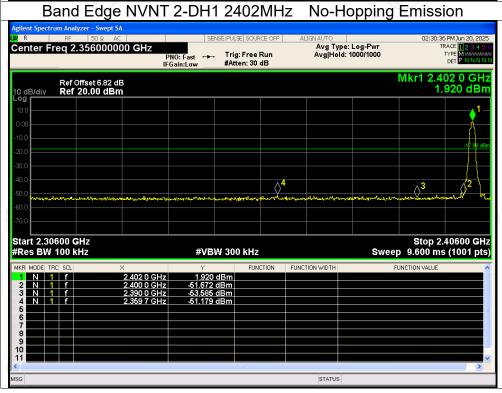








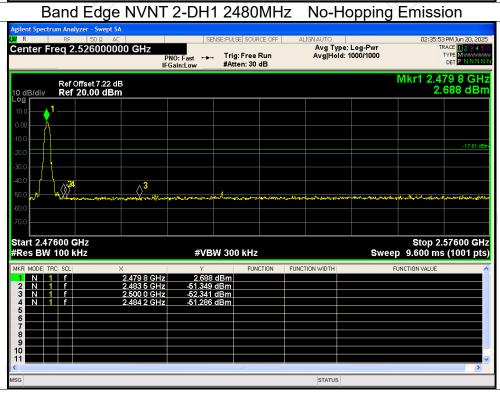








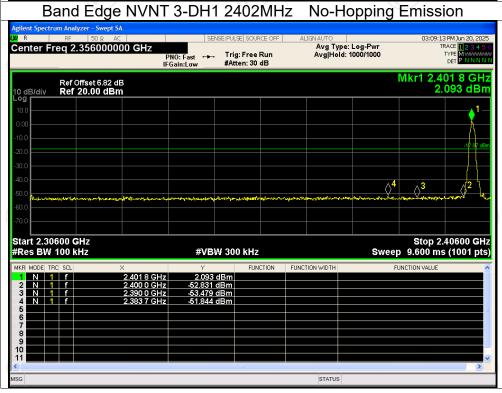








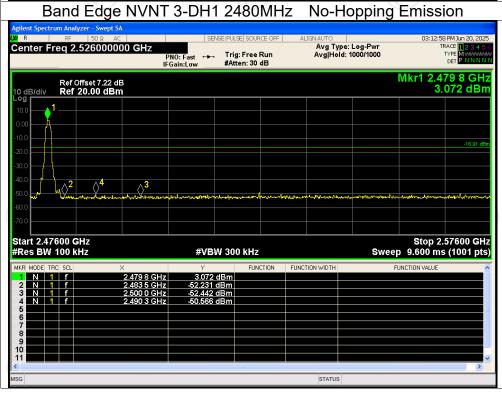








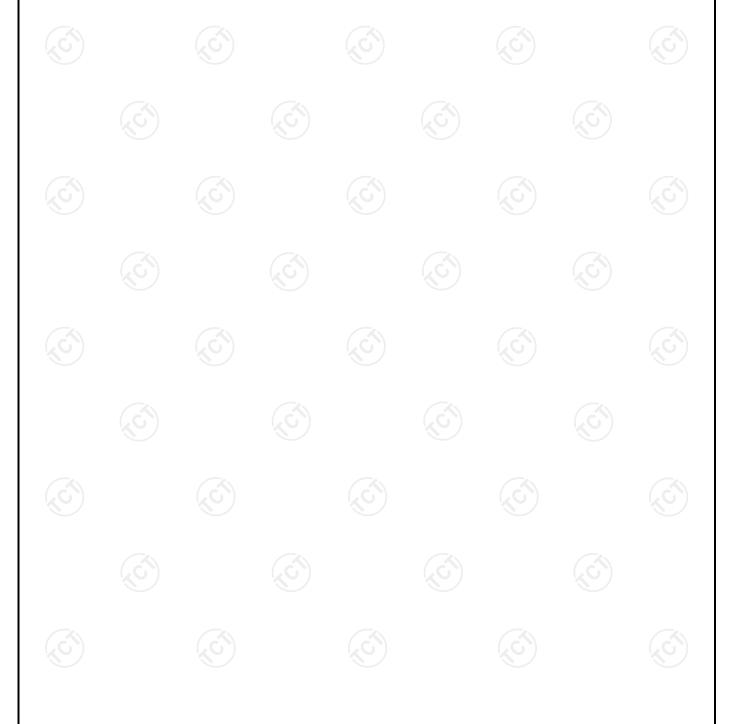






Band Edge(Hopping)

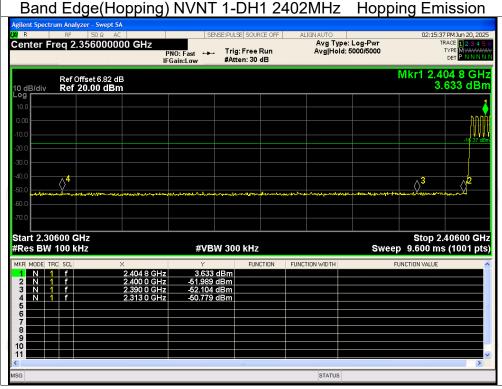
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Hopping	-54.40	-20	Pass
NVNT	1-DH1	2480	Hopping	-53.80	-20	Pass
NVNT	2-DH1	2402	Hopping	-53.11	-20	Pass
NVNT	2-DH1	2480	Hopping	-45.58	-20	Pass
NVNT	3-DH1	2402	Hopping	-52.80	-20	Pass
NVNT	3-DH1	2480	Hopping	-43.66	-20	Pass





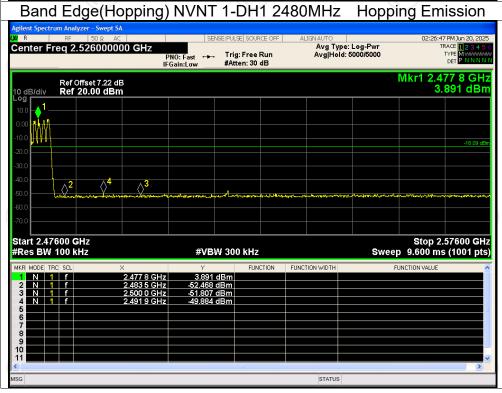




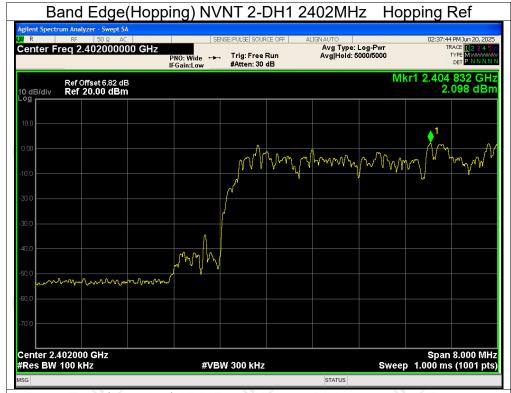


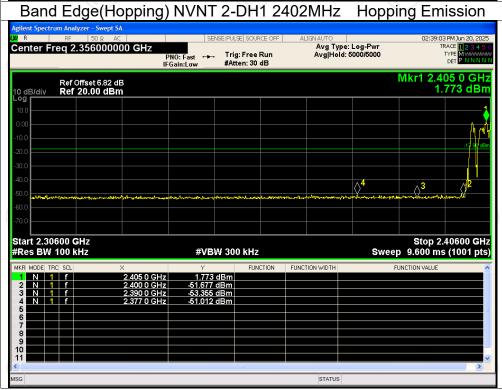


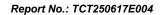






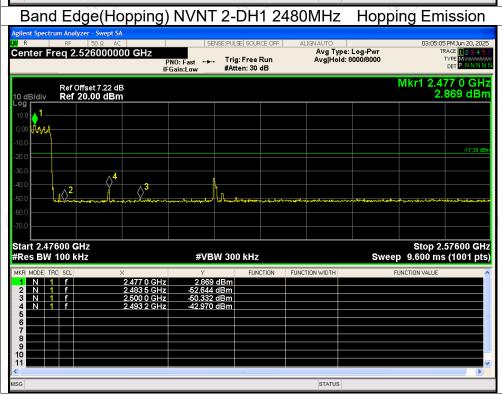






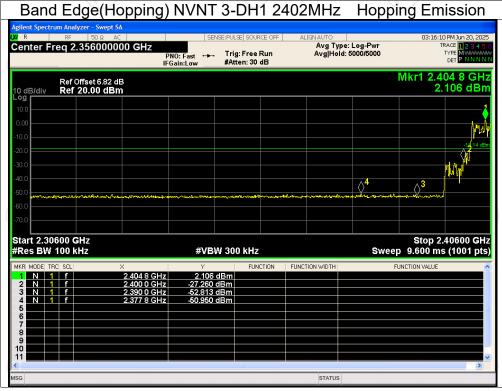


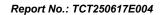






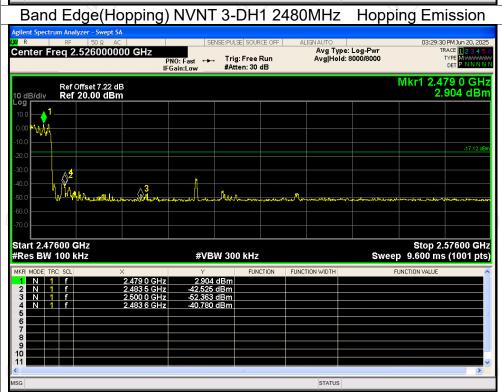








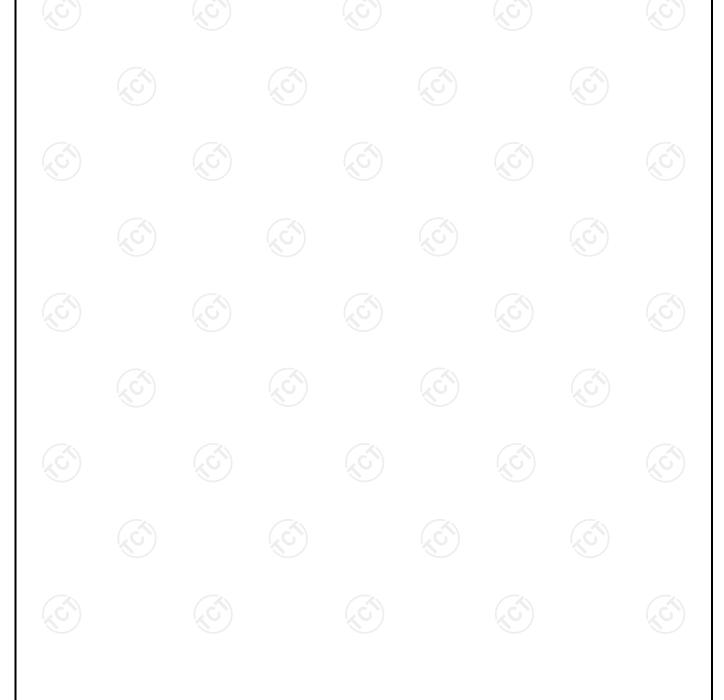






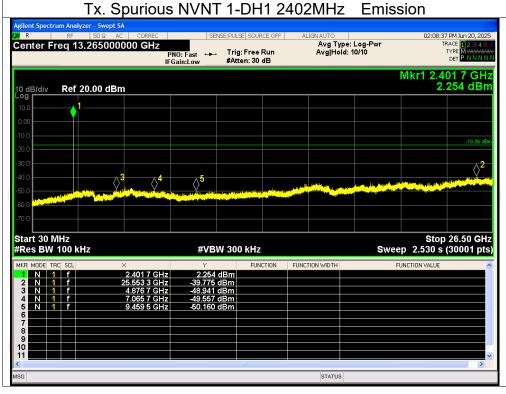
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	-42.91	-20	Pass
NVNT	1-DH1	2441	-41.75	-20	Pass
NVNT	1-DH1	2480	-43.21	-20	Pass
NVNT	2-DH1	2402	-41.42	-20	Pass
NVNT	2-DH1	2441	-41.26	-20	Pass
NVNT	2-DH1	2480	-41.75	-20	Pass
NVNT	3-DH1	2402	-41.42	-20	Pass
NVNT	3-DH1	2441	-41.64	-20	Pass
NVNT	3-DH1	2480	-42.55	-20	Pass





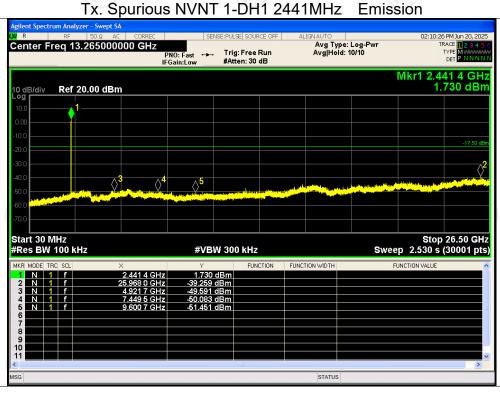






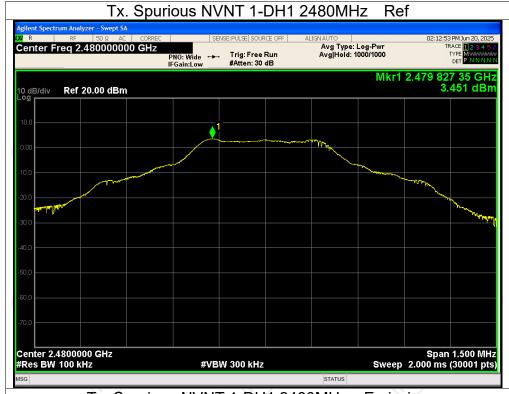


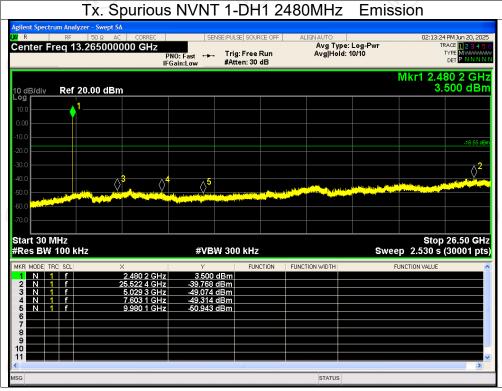








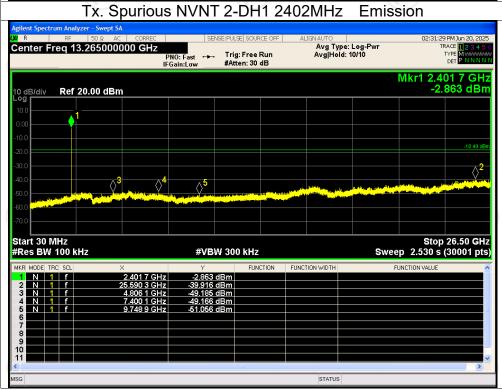








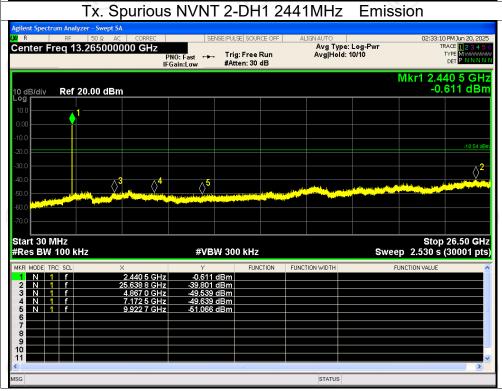








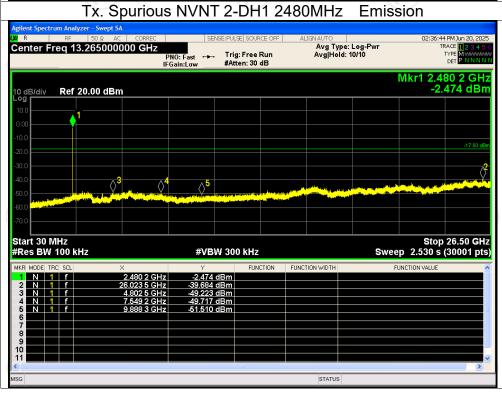


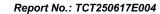






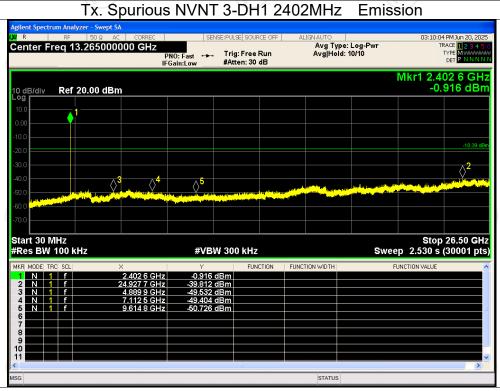








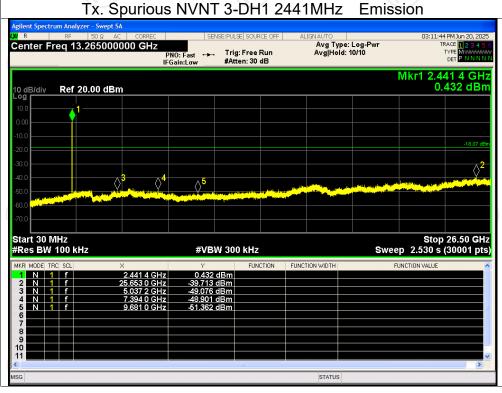


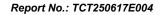






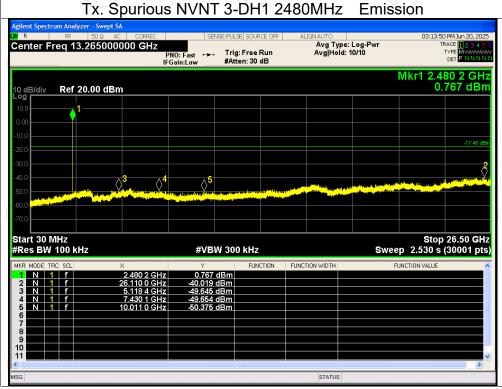










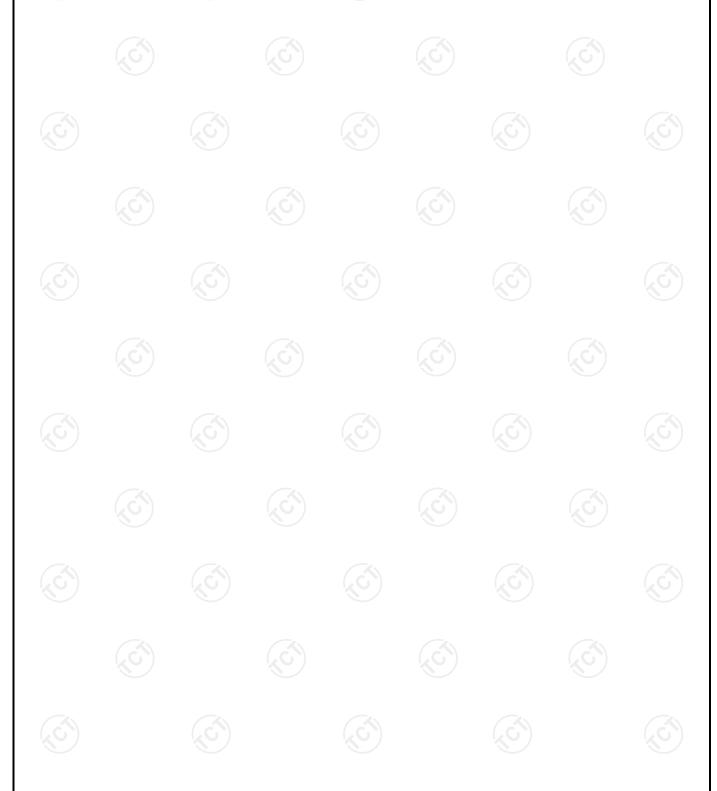




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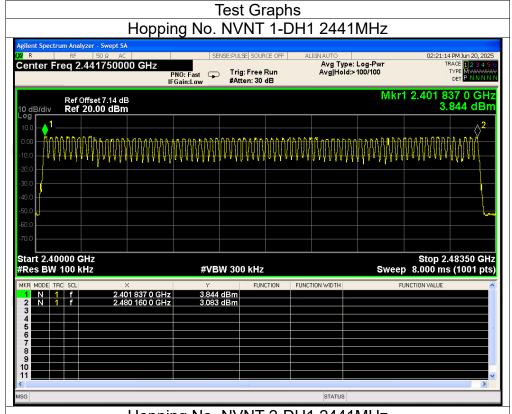
Number of Hopping Channel

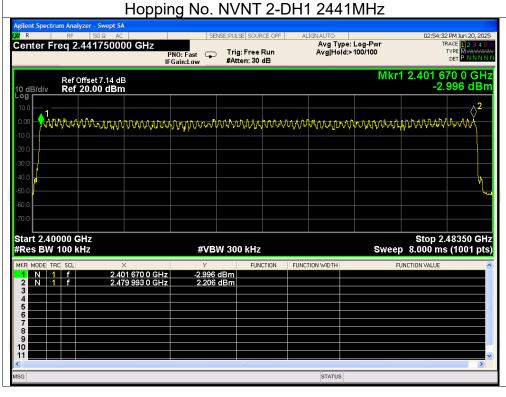
Condition	Mode Hopping Number		Limit	Verdict	
NVNT	1-DH1	79	15	Pass	
NVNT	2-DH1	79	15	Pass	
NVNT	3-DH1	79	15	Pass	

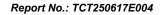




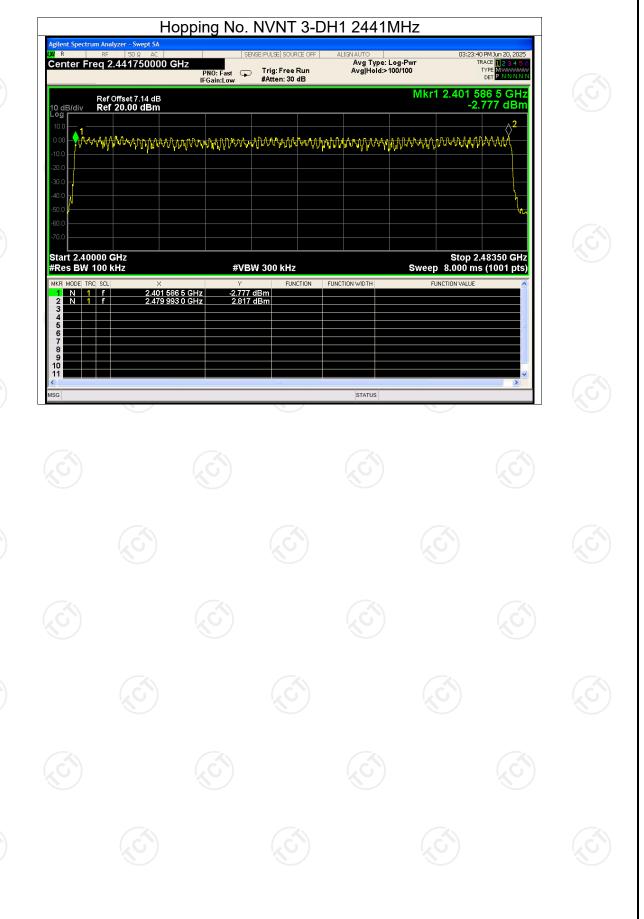














Report No.: TCT250617E004

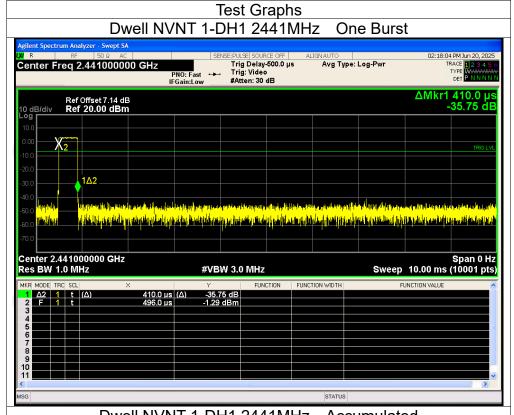
Dwell Time

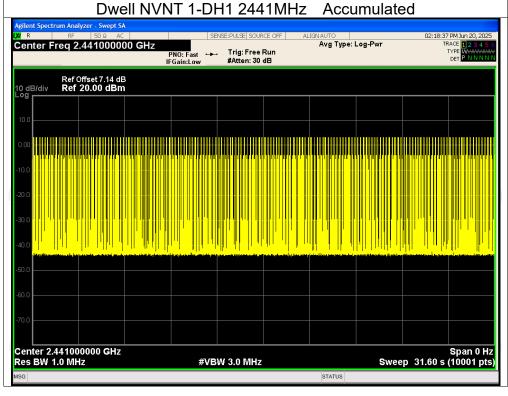
Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.41	130.79	319	31600	400	Pass
NVNT	1-DH3	2441	1.66	275.56	166	31600	400	Pass
NVNT	1-DH5	2441	2.91	267.72	92	31600	400	Pass
NVNT	2-DH1	2441	0.40	127.60	319	31600	400	Pass
NVNT	2-DH3	2441	1.65	272.25	165	31600	400	Pass
NVNT	2-DH5	2441	2.90	266.80	92	31600	400	Pass
NVNT	3-DH1	2441	0.40	126.00	315	31600	400	Pass
NVNT	3-DH3	2441	1.65	235.95	143	31600	400	Pass
NVNT	3-DH5	2441	2.90	266.80	92	31600	400	Pass



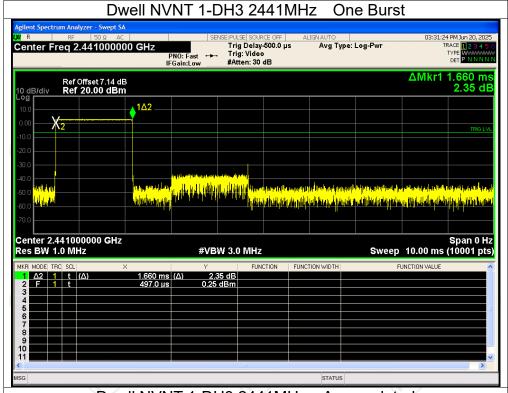


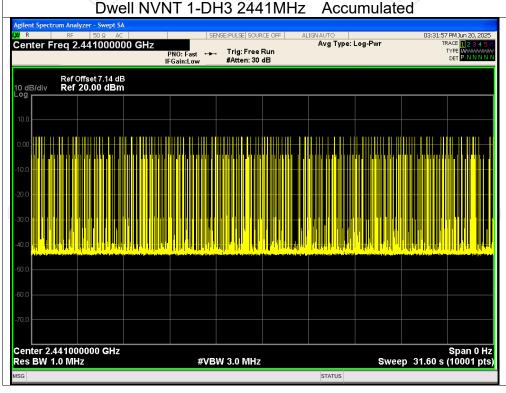




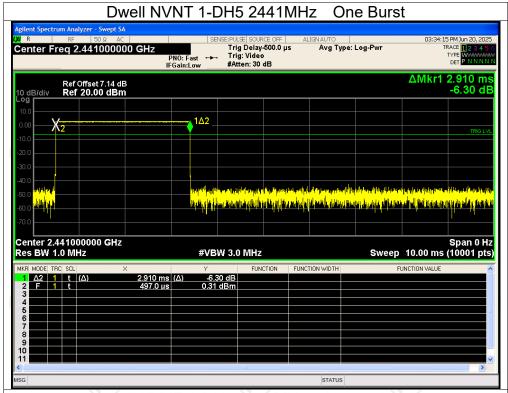


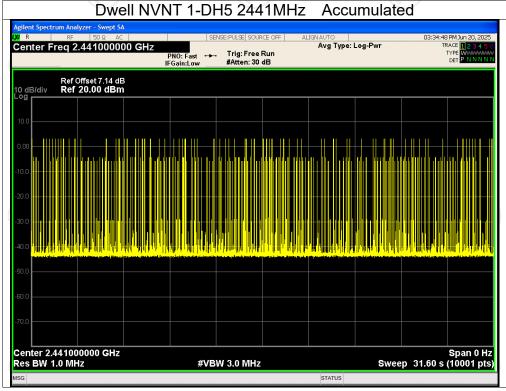




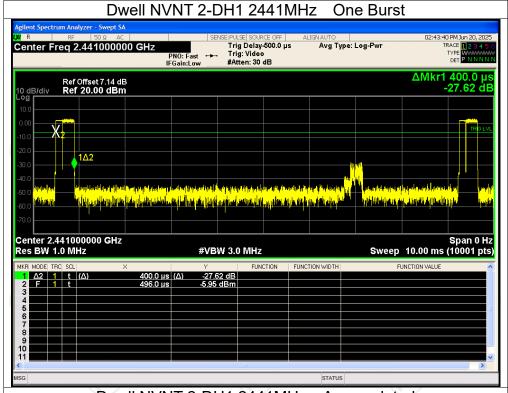


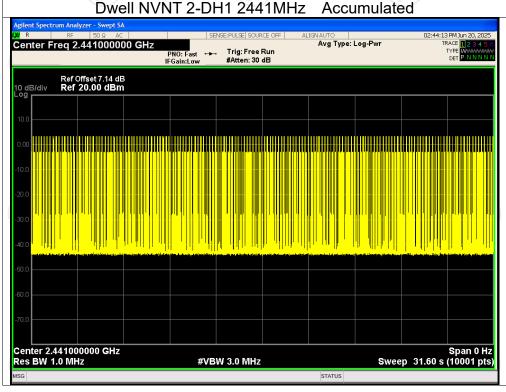






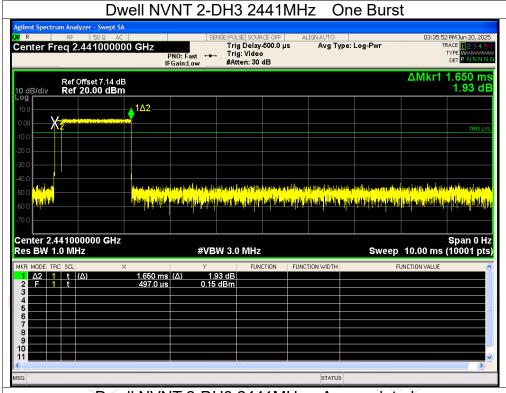


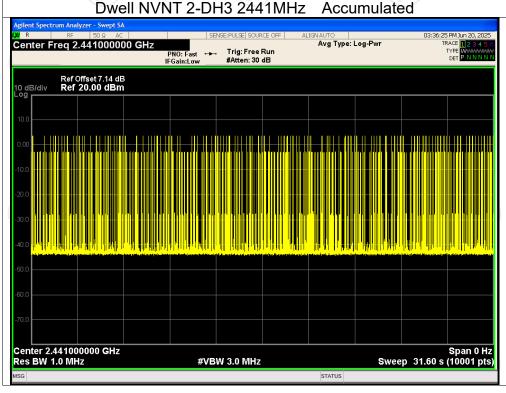






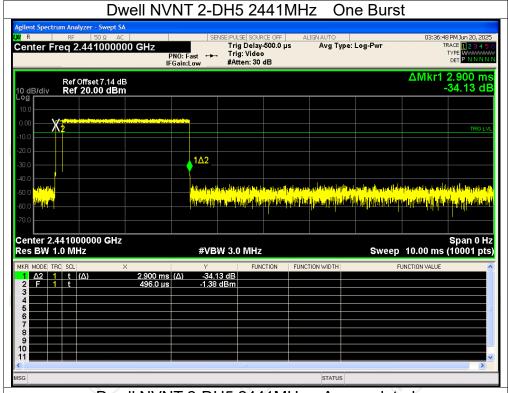


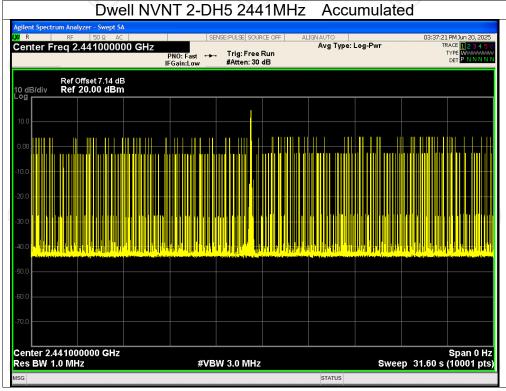






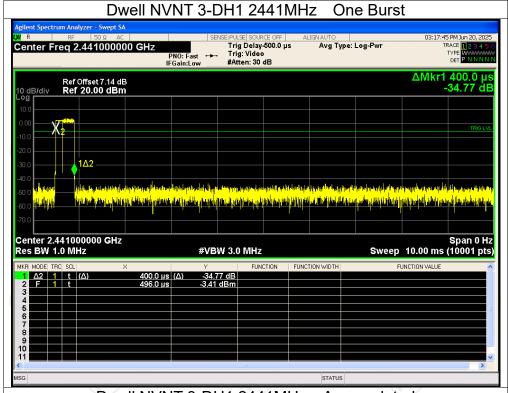


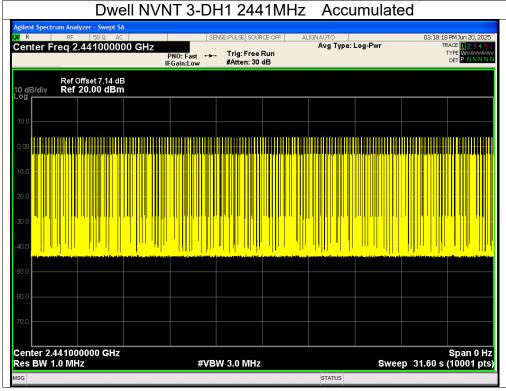






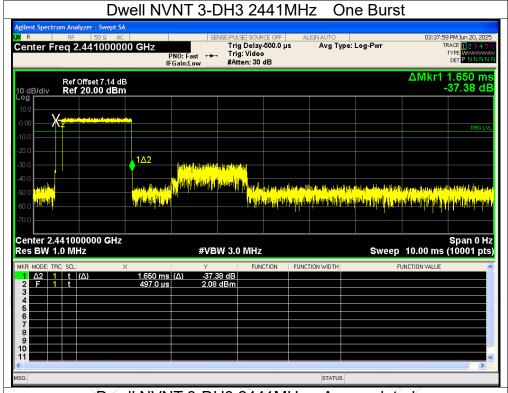


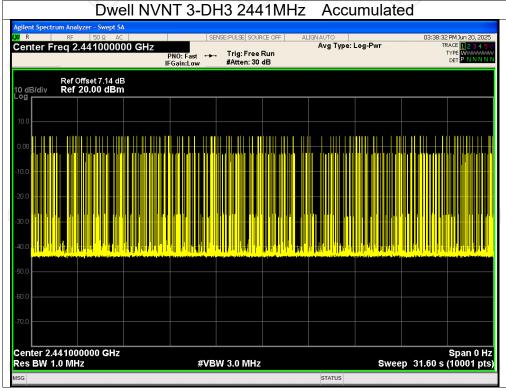






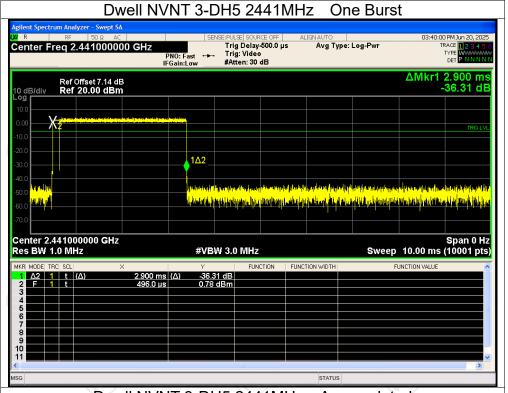


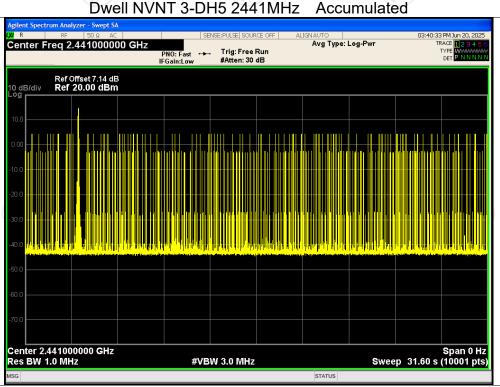














Report No.: TCT250617E004

Appendix B: Photographs of Test Setup

Please refer to document Appendix No.: TCT250617E004-A

Appendix C: Photographs of EUT

Please refer to document Appendix No.: TCT250617E004-B & TCT250617E004-C

*****END OF REPORT****