

TEST REPORT							
FCC ID:	2A7J2-RBP1A						
Test Report No::	TCT250221E022		-31				
Date of issue::	Feb. 28, 2025						
Testing laboratory:	SHENZHEN TONGCE TESTING	G 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::	CG Mobile SAS		-3)				
Address::	39 rue de Courcelles, 75008 Pa	ris, France					
Manufacturer's name:	Shenzhen Jsound Technologies	Co., Limited					
Address::	RM 401, 601, Building 13, No.23, Songshanzai Rd, Xinhe Community, Fucheng Street, Longhua, Shenzhen, China						
Standard(s):	FCC CFR Title 47 Part 15 Subp FCC KDB 558074 D01 15.247 N ANSI C63.10:2020		()				
Product Name::	WIRELESS SPEAKER						
Trade Mark:	GUESS, REDBULL, DKNY						
Model/Type reference:	P1A, P1A RBBSMIP1AORLV, P P1A GUWSP1ALSMP	21A DKWS3DRHLK,					
Rating(s)::	Rechargeable Li-ion Battery DC	3.7V	7				
Date of receipt of test item:	Feb. 21, 2025						
Date (s) of performance of test:	Feb. 21, 2025 ~ Feb. 28, 2025	(3)					
Tested by (+signature):	Yannie ZHONG	Yannie Tonece					
Check by (+signature):	Beryl ZHAO	Bod 2 TCT	3)				
Approved by (+signature):	Tomsin	Tomsies 35					

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1. General Product Information

1.1. EUT description

Product Name:	WIRELESS SPEAKER	(C)		
Model/Type reference:	P1A			
Sample Number:	TCT250221E022-0101			
Bluetooth Version:	V5.4			
Operation Frequency:	2402MHz~2480MHz			
Transfer Rate:	1/2/3 Mbits/s			(C)
Number of Channel:	79			
Modulation Type:	GFSK, π/4-DQPSK, 8DPSK		(cs)	
Modulation Technology:	FHSS			
Antenna Type:	PCB Antenna			
Antenna Gain:	-0.58dBi	(6)		(0)
Rating(s):	Rechargeable Li-ion Battery DC	3.7V		
Nice The control of the Pare I'm dite of				

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	P1A	\boxtimes
Other models	P1A RBBSMIP1AORLV, P1A DKWS3DRHLK, P1A GUWSP1ALSMP	

Note: P1A is tested model, other models are derivative models. The models are identical in circuit and PCB layout, different on the model names, trade mark and color. So the test data of P1A can represent the remaining models.

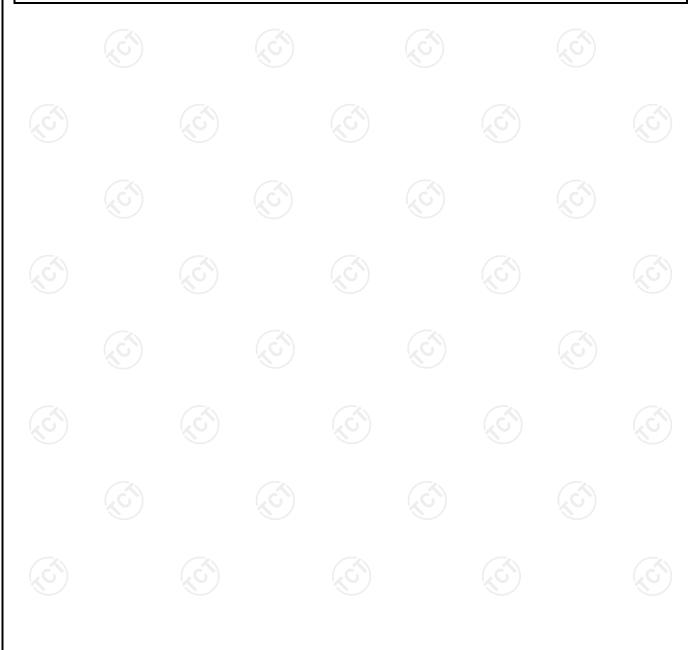
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1.3. Operation Frequency

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz
(C1)	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz
		·					
10	2412MHz	30	2432MHz	50	2452MHz	70	2472MHz
11	2413MHz	31	2433MHz	51	2453MHz	71	2473MHz
		×	···		/		
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz
19	2421MHz	39	2441MHz	59	2461MHz		- (%)

Remark: Channel 0, 39 & 78 have been tested for GFSK, π/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:	22.7 °C	22.5 °C			
Humidity:	51 % RH	51 % RH			
Atmospheric Pressure:	1010 mbar	1010 mbar			
Test Software:					
Software Information:	FCC_assist_1.0.2.2				
Power Level:	10				
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
Adapter	JD-050200	2012010907576735	/	JD

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.

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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

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5. Test Results and Measurement Data

5.1. Antenna requirement

Standard requirement:

FCC Part15 C Section 15.203 /247(c)

15.203 requirement:

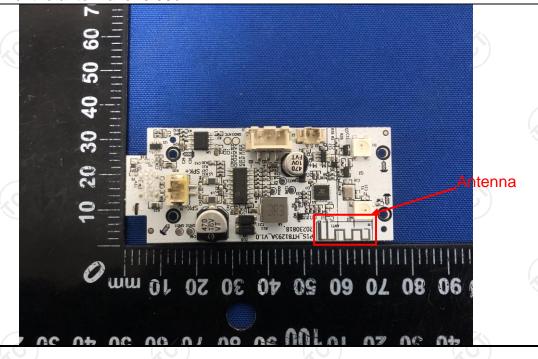
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit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

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

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

E.U.T Antenna:

The Bluetooth antenna is PCB antenna which permanently attached, and the best case gain of the antenna is -0.58dBi.





5.2. Conducted Emission

5.2.1. Test Specification

<u>(4)</u>								
Test Requirement:	FCC Part15 C Section	FCC Part15 C Section 15.207						
Test Method:	ANSI C63.10:2020	ANSI C63.10:2020						
Frequency Range:	150 kHz to 30 MHz	150 kHz to 30 MHz						
Receiver setup:	RBW=9 kHz, VBW=30	RBW=9 kHz, VBW=30 kHz, Sweep time=auto						
	Frequency range (MHz)	Limit (Quasi-peak	dBuV) Average					
Limits:	0.15-0.5	66 to 56*	56 to 46*					
Lilling.	0.15-0.5	56	46					
	5-30	60	50					
	Reference	e Plane	1201					
Test Setup:	Remark E.U.T AC powe Remark E.U.T: Equipment Under Test LISN: Line Impedence Stabilization No. Test table height=0.8m	Test table/Insulation plane Remark: E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network						
Test Mode:	Charging + Transmittin	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. 							
	PASS							



5.2.2. Test Instruments

Conducted Emission Shielding Room Test Site (843)									
Equipment	Manufacturer	Model	Serial Number	Calibration Due					
EMI Test Receiver	R&S	ESCI3	100898	Jun. 26, 2025					
LISN	N Schwarzbeck		8126453	Jan. 20, 2026					
Attenuator	N/A	10dB	164080	Jun. 26, 2025					
Line-5 TCT		CE-05	/	Jun. 26, 2025					
EMI Test Software	EZ_EMC	EMEC-3A1	1.1.4.2	1 60					

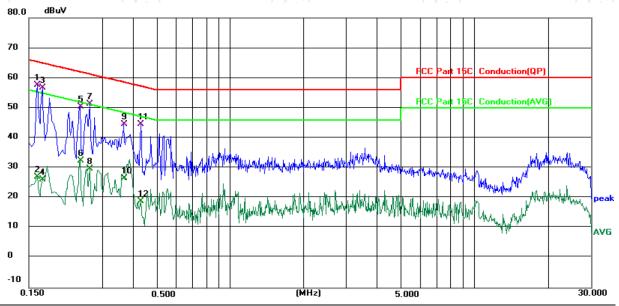




5.2.3. Test data

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

Temperature: 22.7 (°C)

Humidity: 51 %

Report No.: TCT250221E022

Limit: FCC Part 15C Conduction(QP)

Reading

Correct

9.93

9.93

9.91

9.91

Measure-

44.56

26.58

44.46

18.98

	NO. IVIK.	Freq.	Level	Factor	ment	LIIIII	Ovei		
_		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
	1 *	0.1620	47.65	9.95	57.60	65.36	-7.76	QP	
	2	0.1620	17.01	9.95	26.96	55.36	-28.40	AVG	
	3	0.1700	46.88	9.94	56.82	64.96	-8.14	QP	
	4	0.1700	16.16	9.94	26.10	54.96	-28.86	AVG	
	5	0.2420	40.40	9.93	50.33	62.03	-11.70	QP	
	6	0.2420	22.45	9.93	32.38	52.03	-19.65	AVG	
	7	0.2660	41.34	9.93	51.27	61.24	-9.97	QP	
	8	0.2660	19.80	9.93	29.73	51.24	-21.51	AVG	

58.59 -14.03

48.59 -22.01 57.25 -12.79

47.25 -28.27

AVG

QP

AVG

Note:

9

10

11 12

Freq. = Emission frequency in MHz

34.63

16.65

34.55

9.07

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

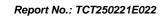
0.3660

0.3660

0.4300

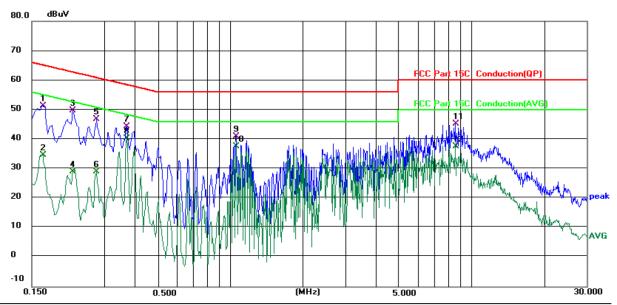
0.4300

^{*} 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: 22.7 (°C)

Humidity: 51 %

Limit: FCC Part 15C Conduction(QP)

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

Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
0.1660	41.43	9.94	51.37	65.16	-13.79	QP	
0.1660	24.65	9.94	34.59	55.16	-20.57	AVG	
0.2220	39.71	9.93	49.64	62.74	-13.10	QP	
0.2220	19.07	9.93	29.00	52.74	-23.74	AVG	
0.2779	36.83	9.93	46.76	60.88	-14.12	QP	
0.2779	19.14	9.93	29.07	50.88	-21.81	AVG	
0.3700	34.45	9.94	44.39	58.50	-14.11	QP	
0.3700	30.26	9.94	40.20	48.50	-8.30	AVG	
1.0580	31.00	9.97	40.97	56.00	-15.03	QP	
1.0580	27.54	9.97	37.51	46.00	-8.49	AVG	
8.5780	35.02	10.29	45.31	60.00	-14.69	QP	
8.5780	27.40	10.29	37.69	50.00	-12.31	AVG	
	MHz 0.1660 0.1660 0.2220 0.2220 0.2779 0.3700 0.3700 1.0580 8.5780	Freq. Level MHz dBuV 0.1660 41.43 0.1660 24.65 0.2220 39.71 0.2220 19.07 0.2779 36.83 0.2779 19.14 0.3700 34.45 0.3700 30.26 1.0580 31.00 1.0580 27.54 8.5780 35.02	Freq. Level Factor MHz dBu√ dB 0.1660 41.43 9.94 0.1660 24.65 9.94 0.2220 39.71 9.93 0.2779 36.83 9.93 0.2779 19.14 9.93 0.3700 34.45 9.94 1.0580 31.00 9.97 1.0580 27.54 9.97 8.5780 35.02 10.29	Freq. Level Factor ment MHz dBuV dB dBuV 0.1660 41.43 9.94 51.37 0.1660 24.65 9.94 34.59 0.2220 39.71 9.93 49.64 0.2220 19.07 9.93 29.00 0.2779 36.83 9.93 46.76 0.2779 19.14 9.93 29.07 0.3700 34.45 9.94 44.39 0.3700 30.26 9.94 40.20 1.0580 31.00 9.97 40.97 1.0580 27.54 9.97 37.51 8.5780 35.02 10.29 45.31	Freq. Level Factor ment Limit MHz dBuV dB dBuV dBuV 0.1660 41.43 9.94 51.37 65.16 0.1660 24.65 9.94 34.59 55.16 0.2220 39.71 9.93 49.64 62.74 0.2220 19.07 9.93 29.00 52.74 0.2779 36.83 9.93 46.76 60.88 0.2779 19.14 9.93 29.07 50.88 0.3700 34.45 9.94 44.39 58.50 0.3700 30.26 9.94 40.20 48.50 1.0580 31.00 9.97 40.97 56.00 8.5780 35.02 10.29 45.31 60.00	Freq. Level Factor ment Limit Over MHz dBuV dB dBuV dBuV dB 0.1660 41.43 9.94 51.37 65.16 -13.79 0.1660 24.65 9.94 34.59 55.16 -20.57 0.2220 39.71 9.93 49.64 62.74 -13.10 0.2279 36.83 9.93 29.00 52.74 -23.74 0.2779 19.14 9.93 29.07 50.88 -21.81 0.3700 34.45 9.94 44.39 58.50 -14.11 0.3700 30.26 9.94 40.20 48.50 -8.30 1.0580 31.00 9.97 40.97 56.00 -15.03 8.5780 35.02 10.29 45.31 60.00 -14.69	Freq. Level Factor ment Limit Over MHz dBuV dB dBuV dB uV dB Detector 0.1660 41.43 9.94 51.37 65.16 -13.79 QP 0.1660 24.65 9.94 34.59 55.16 -20.57 AVG 0.2220 39.71 9.93 49.64 62.74 -13.10 QP 0.2220 19.07 9.93 29.00 52.74 -23.74 AVG 0.2779 36.83 9.93 46.76 60.88 -14.12 QP 0.2779 19.14 9.93 29.07 50.88 -21.81 AVG 0.3700 34.45 9.94 44.39 58.50 -14.11 QP 0.3700 30.26 9.94 40.20 48.50 -8.30 AVG 1.0580 31.00 9.97 40.97 56.00 -15.03 QP 1.0580 27.54 9.97 37.51 <

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 8DPSK) was submitted only.



5.3. Conducted Output Power

5.3.1. Test Specification

	/ ^ / / / / / / / / / / / / / / / / / /		
Test Requirement:	FCC Part15 C Section 15.247 (b)(1)		
Test Method:	KDB 558074 D01 v05r02		
Limit:	Section 15.247 (b) The maximum peak conducted out 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 watter 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		

5.3.2. Test Instruments

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

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5.4. 20dB Occupy Bandwidth

5.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)				
Test Method:	KDB 558074 D01 v05r02				
Limit:	N/A				
Test Setup:	Spectrum Analyze	r	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. 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		(50)	(C)	

5.4.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	1	1



5.5. Carrier Frequencies Separation

5.5.1. Test Specification

FCC Part15 C Section 15.247 (a)(1)				
KDB 558074 D01 v05r02				
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz of the 20 dB bandwidth of the hopping channel, whicheve 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.				
Spectrum Analyzer EUT				
Hopping mode				
 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. 				
PASS				

5.5.2. Test Instruments

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



5.6. Hopping Channel Number

5.6.1. Test Specification

5.0.1. 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		

5.6.2. Test Instruments

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

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5.7. Dwell Time

5.7.1. Test Specification

FCC Part15 C Section 15.247 (a)(1)		
KDB 558074 D01 v05r02		
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.		
Spectrum Analyzer EUT		
Hopping mode		
 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. 		
PASS		

5.7.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB) /	(6)



5.8. Pseudorandom Frequency Hopping Sequence

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

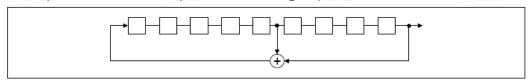
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

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

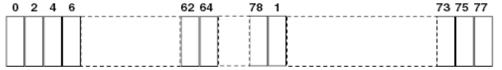
The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first one of 9 consecutive ones; i.e. the shift register is initialized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

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5.9. Conducted Band Edge Measurement

5.9.1. Test Specification

A1 / A1				
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 = 30 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 used. Enable hopping function of the EUT and then repeated 2 and 3. Measure and record the results in the test report. 			
Test Result:	PASS			

5.9.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	7	

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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

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB		(6)

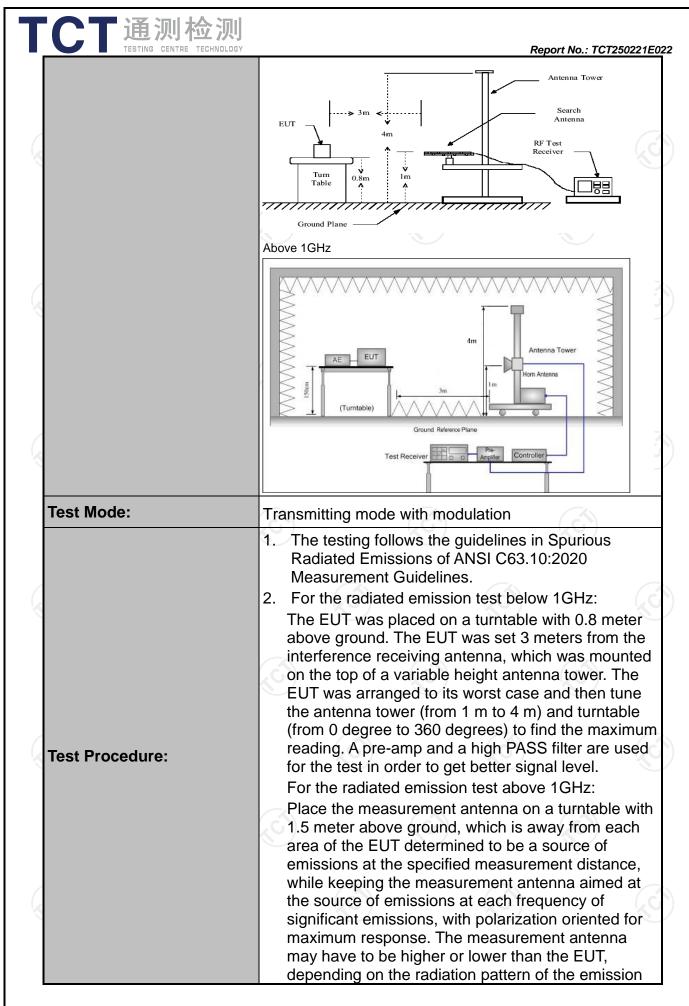
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5.11. Radiated Spurious Emission Measurement

5.11.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.209						
Test Method:	ANSI C63.10	0:2020					
Frequency Range:	9 kHz to 25 (A				
Measurement Distance:	3 m		<u>()</u>		160)	
Antenna Polarization:	Horizontal &	Vertical					
	Frequency 9kHz-150kHz 150kHz-	Detector Quasi-peal Quasi-peal		VBW 1kHz 30kHz	Quas	Remark Quasi-peak Value Quasi-peak Value	
Receiver Setup:	30MHz	-					
	30MHz-1GHz	Quasi-peal	120KHz	300KHz 3MHz		si-peak Value eak Value	
	Above 1GHz	Peak Peak	1MHz	3MHZ 10Hz		eak value erage Value	
	Frequen 0.009-0.4		Field Strength (microvolts/meter)		Measurement Distance (meters)		
	0.490-1.7		2400/F(l 24000/F(300 30	
	1.705-3		30			30	
	30-88		100			3	
	88-216	6	150			3	
Limit:	216-96		200			3	
	Above 9	60	500			3	
	Frequency		Field Strength (microvolts/meter)		ment ce rs)	Detector	
	Above 1GHz	z	500			Average	
Test setup:	For radiated emissions below 30MHz Distance = 3m Computer Pre - Amplifier						
	30MHz to 1GHz	Ground	1 Plane	- L _R	eceiver	<u> </u>	



「 一	
TESTING CENTRE TECHNOLOGY	Report No.: TCT250221E022
	and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. 3. Set to the maximum power setting and enable the
	 EUT transmit continuously. 4. Use 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; 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

	e (966)				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due	
EMI Test Receiver	R&S	ESCI7	100529	Jan. 20, 2026	
Spectrum Analyzer	R&S	FSQ40	200061	Jun. 26, 2025	
Pre-amplifier	SKET	LNPA_0118G- 45	SK2021012 102	Jan. 20, 2026	
Pre-amplifier	SKET	LNPA_1840G- 50	SK2021092 03500	Jan. 20, 2026	
Pre-amplifier	HP	8447D	2727A05017	Jun. 26, 2025	
Loop antenna	Schwarzbeck	FMZB1519B	00191	Jun. 26, 2025	
Broadband Antenna	Schwarzbeck	VULB9163	340	Jun. 28, 2025	
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Jun. 28, 2025	
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Jan. 22, 2026	
Coaxial cable	SKET	RE-03-D	1	Jun. 26, 2025	
Coaxial cable	SKET	RE-03-M) 1	Jun. 26, 2025	
Coaxial cable	SKET	RE-03-L	/	Jun. 26, 2025	
Coaxial cable	SKET	RE-04-D		Jun. 26, 2025	
Coaxial cable	SKET	RE-04-M		Jun. 26, 2025	
Coaxial cable	SKET	RE-04-L	/	Jun. 26, 2025	
Antenna Mast	Keleto	RE-AM) /	(3)	
EMI Test Software	EZ_EMC	FA-03A2 RE+	1.1.4.2		

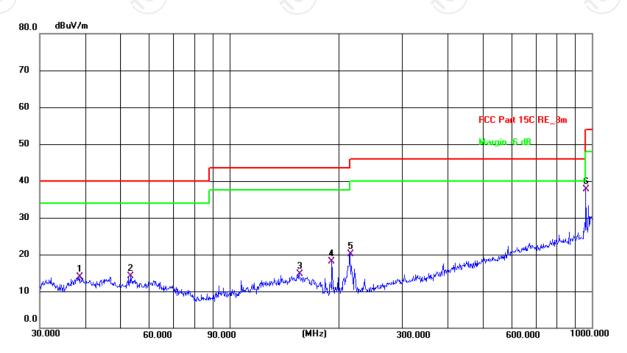


5.11.3. Test Data

Please refer to following diagram for individual

Below 1GHz

Horizontal:



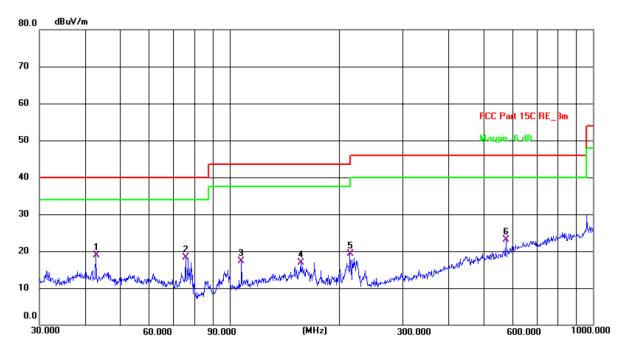
Temperature: 22.5(C) Humidity: 51 % Site 3m Anechoic Chamber2 Polarization: Horizontal

Limit:	Limit: FCC Part 15C RE_3m								
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	38.6160	32.47	-18.66	13.81	40.00	-26.19	QP	Р	
2	53.5052	33.10	-18.93	14.17	40.00	-25.83	QP	Р	
3	155.9101	31.67	-16.88	14.79	43.50	-28.71	QP	Р	
4	191.7450	38.66	-20.55	18.11	43.50	-25.39	QP	Р	
5	215.2678	40.97	-20.85	20.12	43.50	-23.38	QP	Р	
6 *	962 1623	42 55	-4 76	37 79	54.00	-16 21	OP	Р	





Vertical:



Site 3m Anechoic Chamber2 Polarization: Vertical Temperature: 22.5(C) Humidity: 51 %

Limit: FCC Part 15C RE_3m

Power: DC 3.7 V

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	42.8998	37.54	-18.61	18.93	40.00	-21.07	QP	Р	
2	75.7114	39.38	-21.11	18.27	40.00	-21.73	QP	Р	
3	107.8877	37.84	-20.57	17.27	43.50	-26.23	QP	Р	
4	157.0074	33.91	-16.98	16.93	43.50	-26.57	QP	Р	
5	214.5143	40.19	-20.88	19.31	43.50	-24.19	QP	Р	
6	576.6443	34.07	-10.93	23.14	46.00	-22.86	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 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

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

Over (dB) = Measurement $(dB\mu V/m)$ – Limits $(dB\mu V/m)$

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

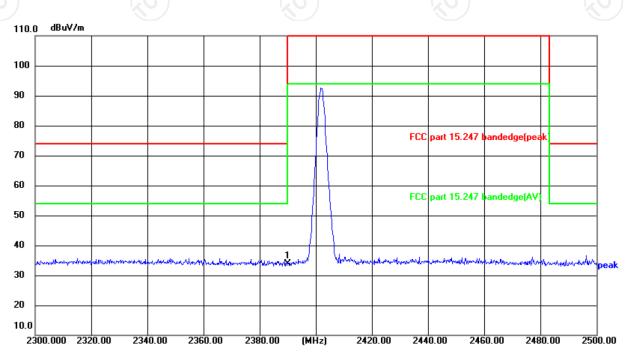
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Test Result of Radiated Spurious at Band edges

Lowest channel 2402:

Horizontal:



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

Limit: FCC part 15.247 bandedge(peak)

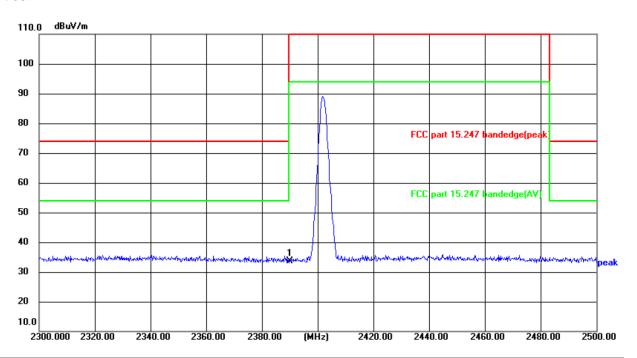
Power: DC 3.7 V

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F	Remark
1 *	2390.000	50.68	-16.76	33.92	74.00	-40.08	peak	Р	





Vertical:



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

74.00

-40.30 peak

Limit: FCC part 15.247 bandedge(peak)

Reading

(dBuV)

50.46

Factor

(dB/m)

-16.76

33.70

Frequency

(MHz)

2390.000

No.

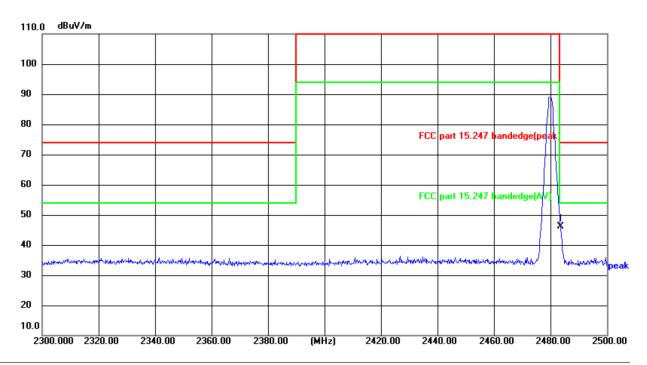
)			wer:DC			
	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark

		•		



Highest channel 2480:

Horizontal:



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

74.00

-27.89

Limit: FCC part 15.247 bandedge(peak)

Frequency

(MHz)

2483.500

No.

1 *

Reading

(dBuV)

62.61

Factor

(dB/m)

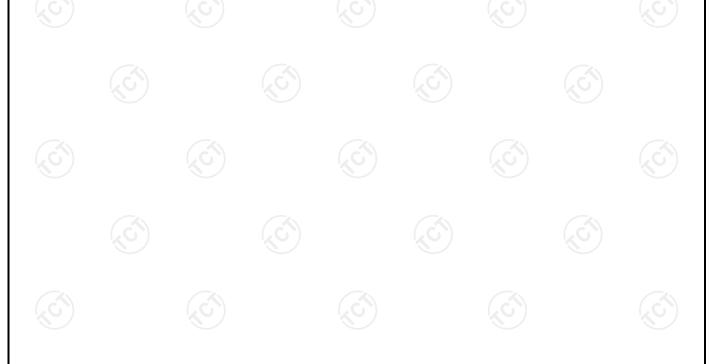
-16.50

46.11

Power:DC 3.7 V								
Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark			

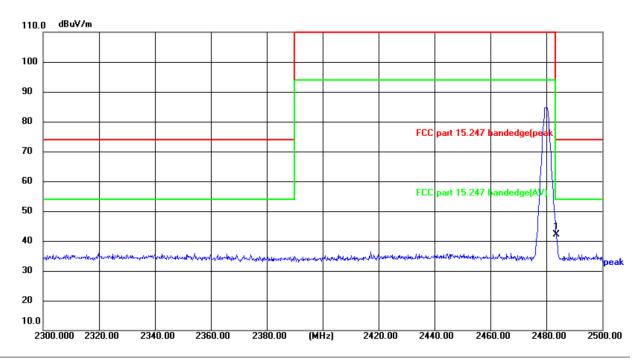
Р

peak





Vertical:



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

Limit: FCC part 15.247 bandedge(peak)

	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
ľ	1 *	2483.500	58.63	-16.50	42.13	74.00	-31.87	peak	Р	

Power: DC 3.7 V

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	Modulation Type: 8DPSK									
Low chann	Low channel: 2402 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Peak	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)	
4804	Н	55.86	-	-9.51	46.35		74	54	-7.65	
7206	Н	46.17	-	-1.41	44.76		74	54	-9.24	
	H						-			
(,G') (,G')								(, (, ')		
4804	V	55.78		-9.51	46.27	<u></u>	74	54	-7.73	
7206	V	46.52	-	-1.41	45.11		74	54	-8.89	
	V									

Middle cha	liddle channel: 2441 MHz			(0)			(0)		KO.
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	55.23		-9.36	45.87		74	54	-8.13
7323	(OH)	45.01	-170	-1.14	43.87	(O)-	74	54	-10.13
	H					<u> </u>			
4882	V	55.46		-9.36	46.10		74	54	-7.90
7323	V	45.65		-1.14	44.51		74	54	-9.49
)	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	54.88)	-9.20	45.68	1	74	54	-8.32
7440	Ι	46.03		-0.96	45.07		74	54	-8.93
	Η	<i>-</i>							
(G) (G) (G)						(.G')		(.C	
4960	V	54.73		-9.20	45.53		74	54	-8.47
7440	V	44.74		-0.96	43.78		74	54	-10.22
	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.



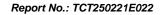


Appendix A: Test Result of Conducted Test

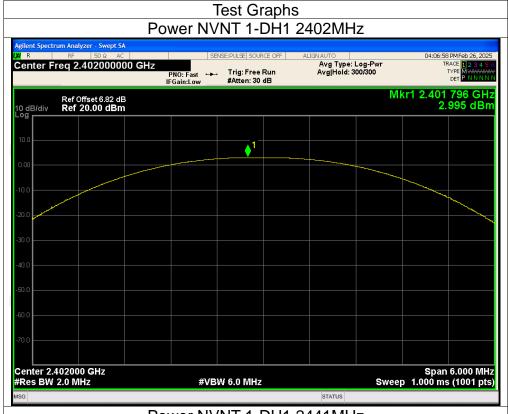
Maximum	Conducted	Output Power
---------	-----------	---------------------

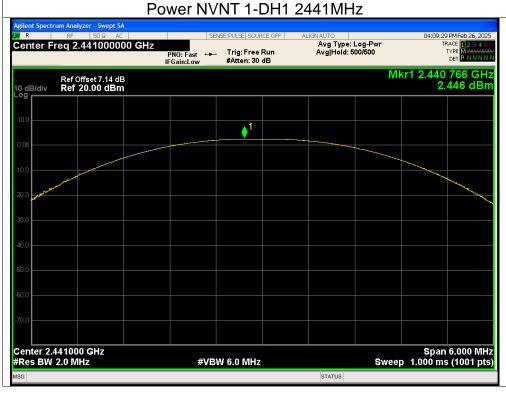
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	3.00	30	Pass
NVNT	1-DH1	2441	2.45	30	Pass
NVNT	1-DH1	2480	0.73	30	Pass
NVNT	2-DH1	2402	3.05	21	Pass
NVNT	2-DH1	2441	2.53	21	Pass
NVNT	2-DH1	2480	1.18	21	Pass
NVNT	3-DH1	2402	3.25	21	Pass
NVNT	3-DH1	2441	2.57	21	Pass
NVNT	3-DH1	2480	1.10	21	Pass

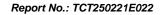






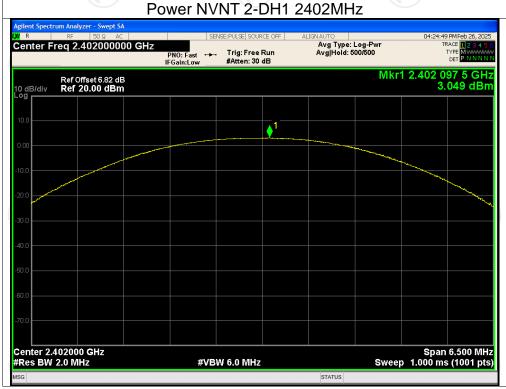






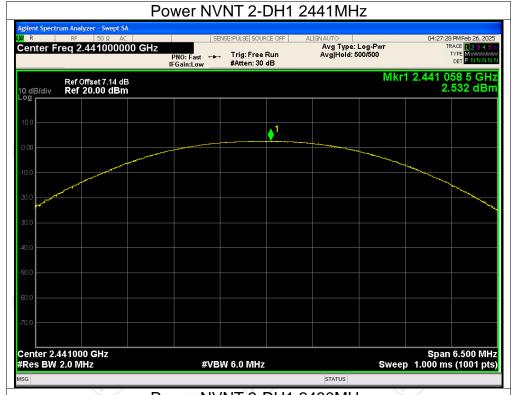












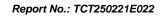




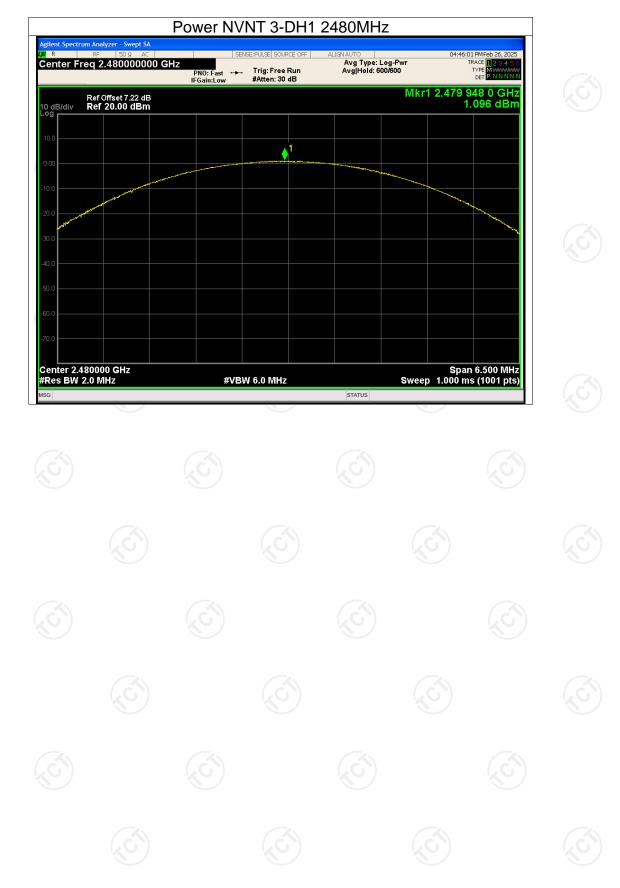




Aglient Spectrum Analyzer - Swept SA Of R FF SO & AC Center Freq 2.441000000 GHz PNO: Fast Frea Run Frea Run





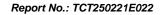




-20dB Bandwidth

Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	0.880	Pass
NVNT	1-DH1	2441	0.877	Pass
NVNT	1-DH1	2480	0.877	Pass
NVNT	2-DH1	2402	1.260	Pass
NVNT	2-DH1/	2441	1.258	Pass
NVNT	2-DH1	2480	1.266	Pass
NVNT	3-DH1	2402	1.252	Pass
NVNT	3-DH1	2441	1.241	Pass
NVNT	3-DH1	2480	1.246	Pass









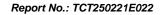




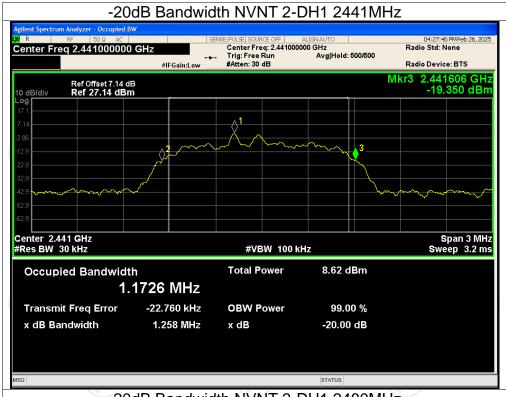




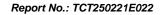








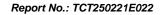




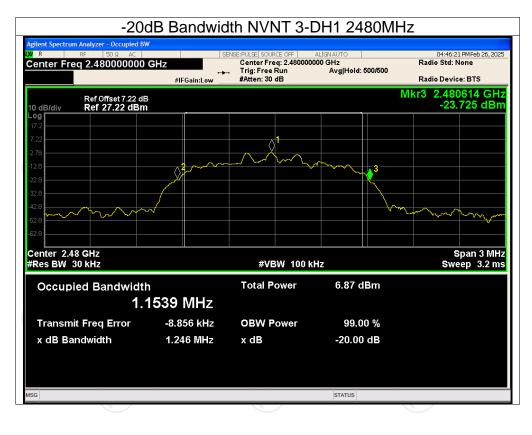




-20dB Bandwidth NVNT 3-DH1 2441MHz 04:43:39 PMFeb 26, 2025 Radio Std: None Center Freq 2.441000000 GHz #IFGain:Low Radio Device: BTS Mkr3 2.441612 GHz -21.860 dBm Center 2.441 GHz #Res BW 30 kHz Span 3 MHz Sweep 3.2 ms #VBW 100 kHz Total Power 8.56 dBm Occupied Bandwidth 1.1562 MHz Transmit Freq Error -8.766 kHz **OBW Power** 99.00 % 1.241 MHz -20.00 dB x dB Bandwidth x dB STATUS











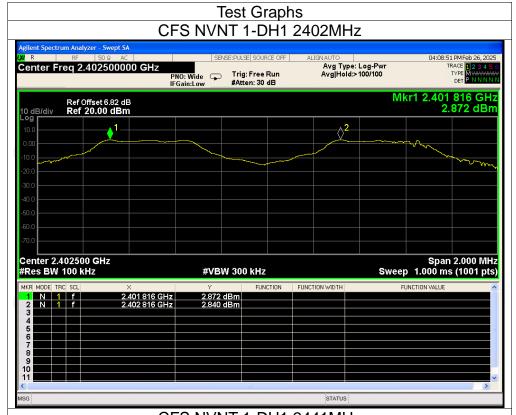
Carrier Frequencies Separation

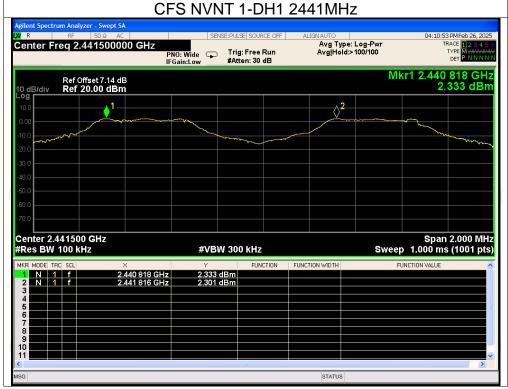
Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	2401.816	2402.816	1	0.880	Pass
NVNT	1-DH1	2440.818	2441.816	0.998	0.880	Pass
NVNT	1-DH1	2478.981	2479.982	1.001	0.880	Pass
NVNT	2-DH1	2401.816	2402.816	1	0.844	Pass
NVNT	2-DH1	2440.818	2441.816	0.998	0.844	Pass
NVNT	2-DH1	2478.816	2479.818	1.002	0.844	Pass
NVNT	3-DH1	2401.816	2402.824	1.008	0.835	Pass
NVNT	3-DH1	2440.818	2441.818	1	0.835	Pass
NVNT	3-DH1	2478.820	2479.818	0.998	0.835	Pass





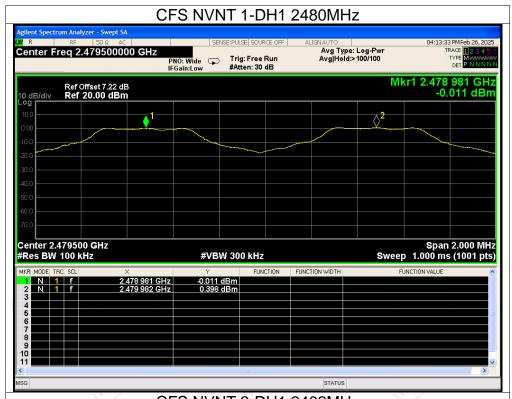


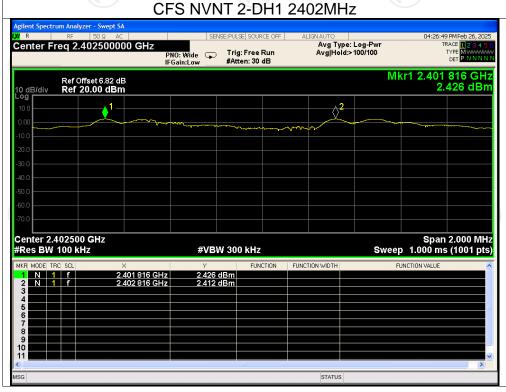


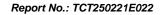




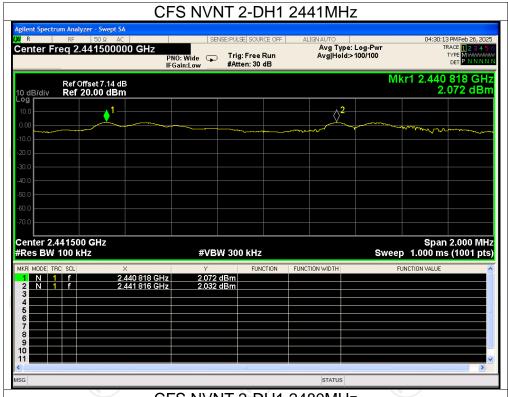


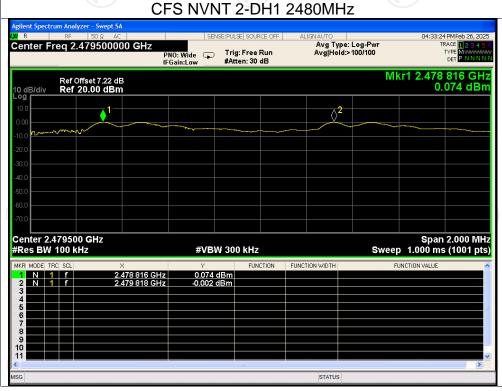


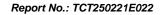




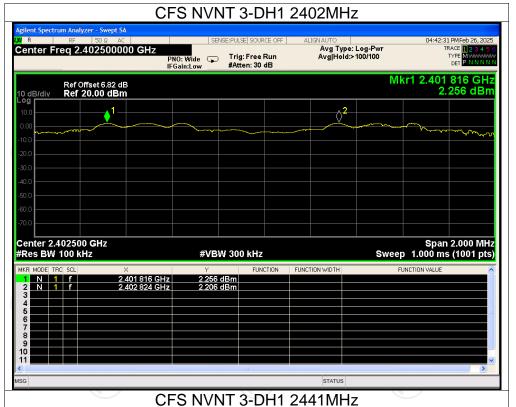


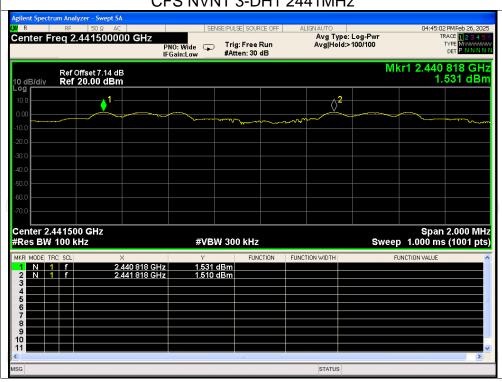


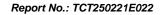




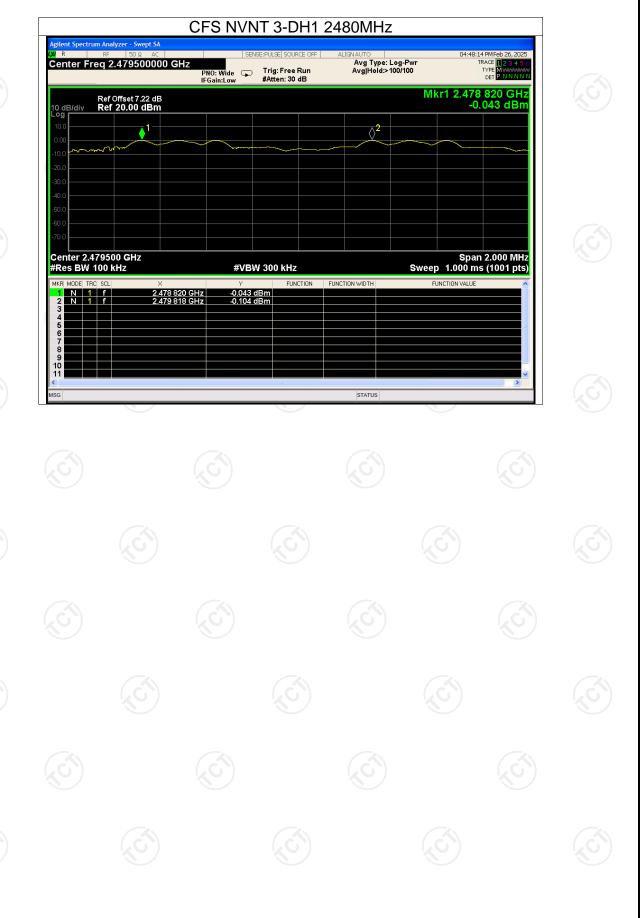








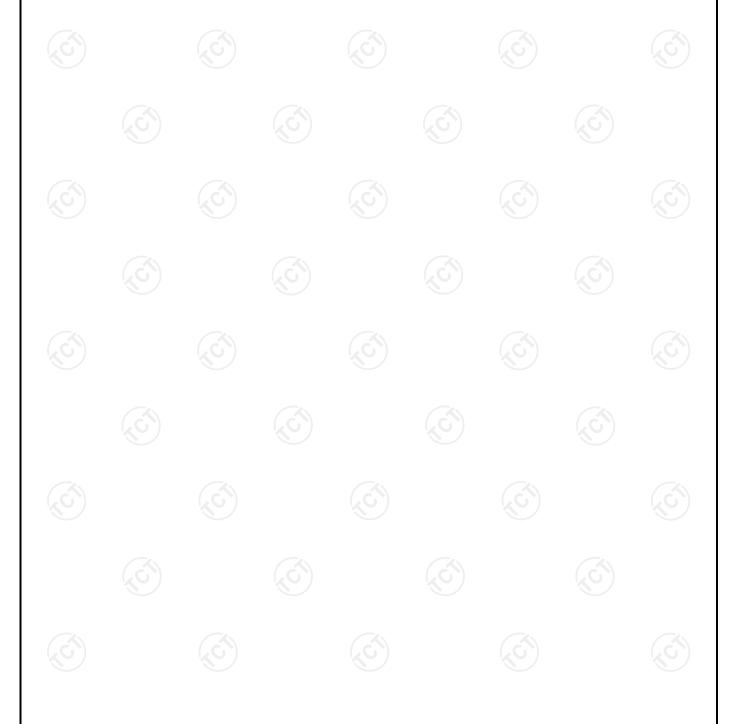






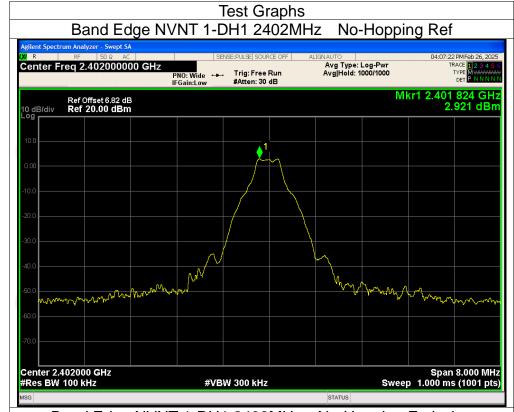
Band Edge

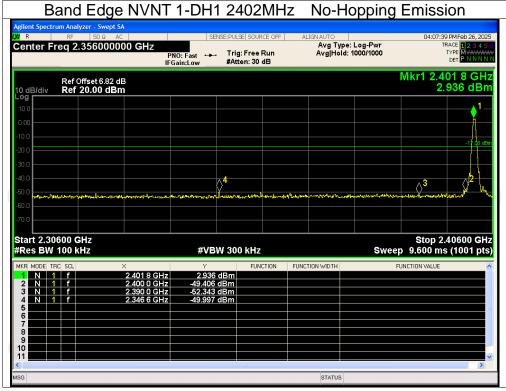
24.14 249						
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	No-Hopping	-52.91	-20	Pass
NVNT	1-DH1	2480	No-Hopping	-50.82	-20	Pass
NVNT	2-DH1	2402	No-Hopping	-52.94	-20	Pass
NVNT	2-DH1	2480	No-Hopping	-50.47	-20	Pass
NVNT	3-DH1	2402	No-Hopping	-53.33	-20	Pass
NVNT	3-DH1	2480	No-Hopping	-50.38	-20	Pass





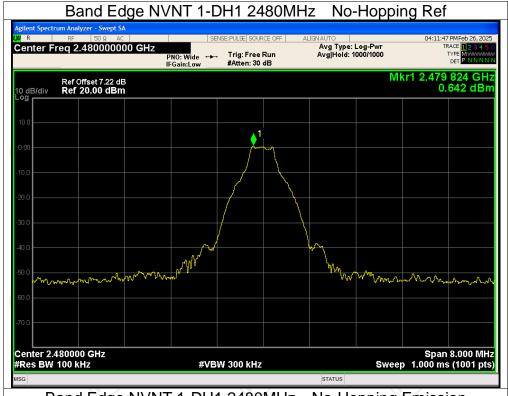


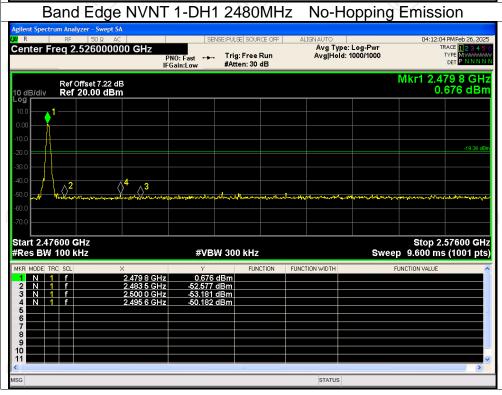






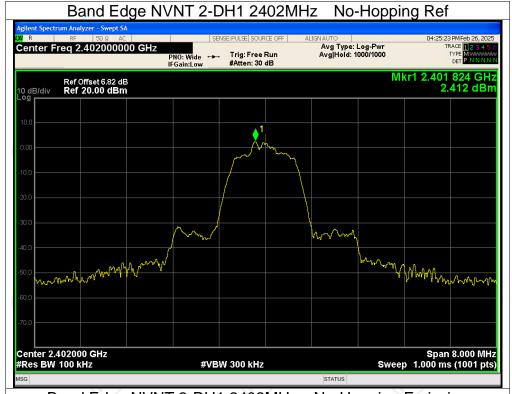


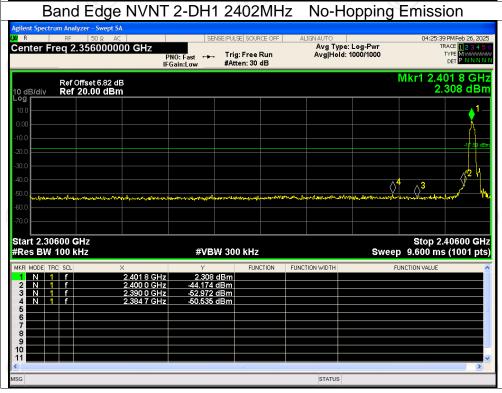






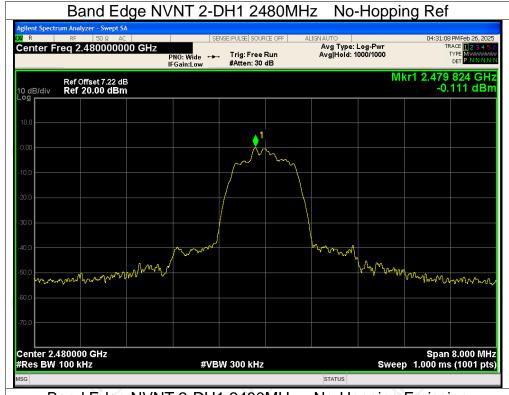


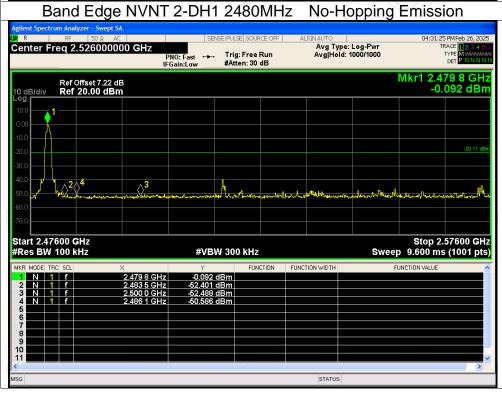








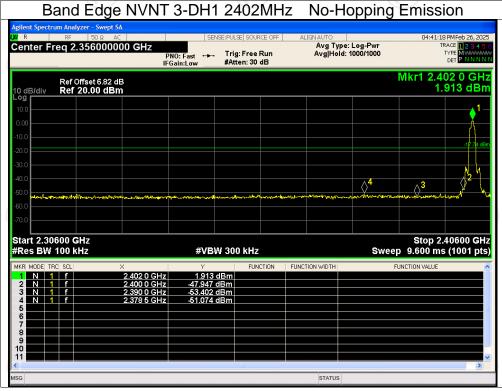






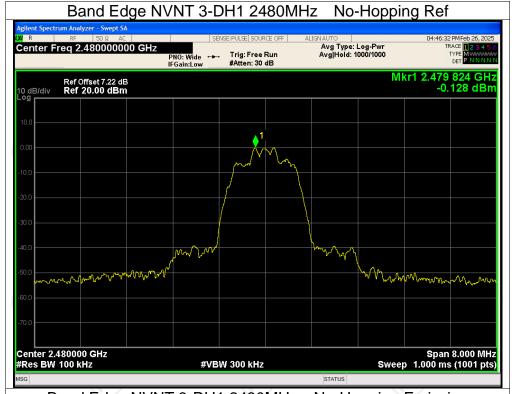


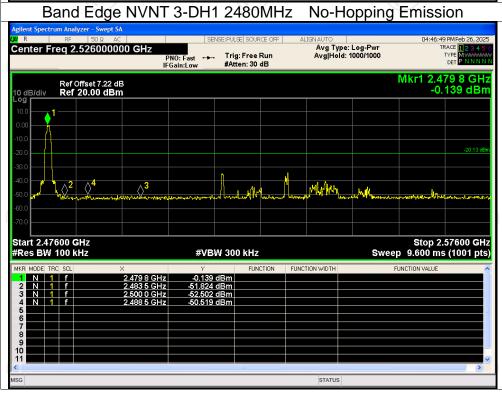








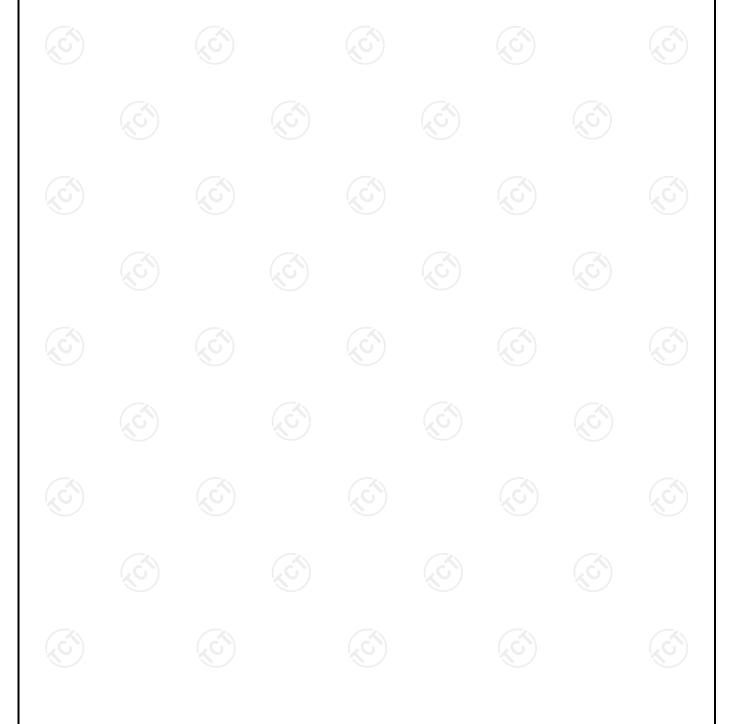






Band Edge(Hopping)

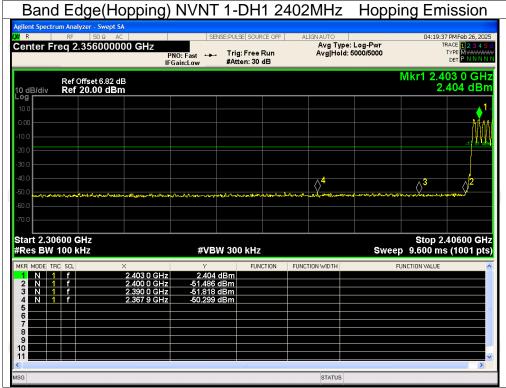
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Hopping	-52.78	-20	Pass
NVNT	1-DH1	2480	Hopping	-50.03	-20	Pass
NVNT	2-DH1	2402	Hopping	-52.79	-20	Pass
NVNT	2-DH1	2480	Hopping	-50.50	-20	Pass
NVNT	3-DH1	2402	Hopping	-51.69	-20	Pass
NVNT	3-DH1	2480	Hopping	-50.34	-20	Pass







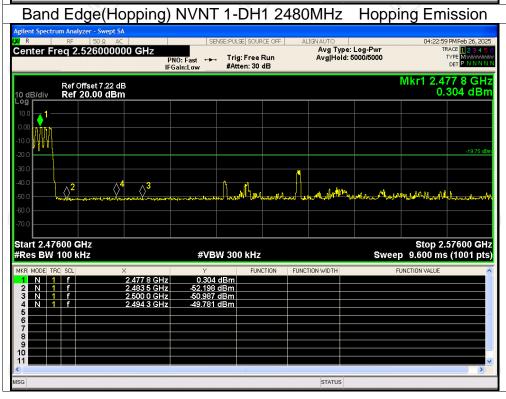








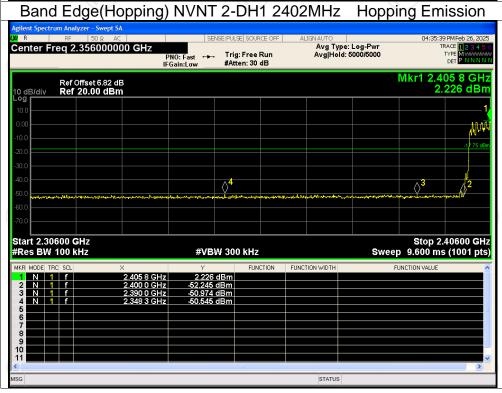








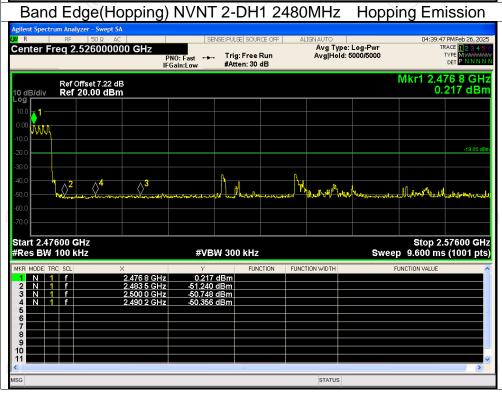








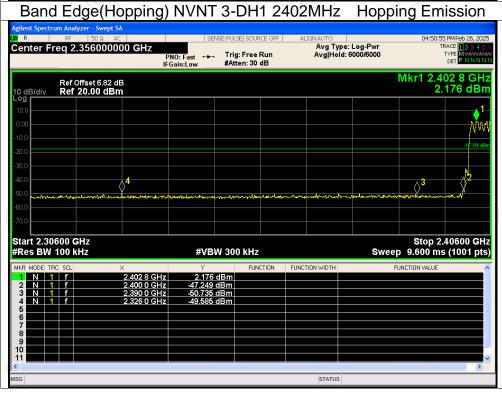








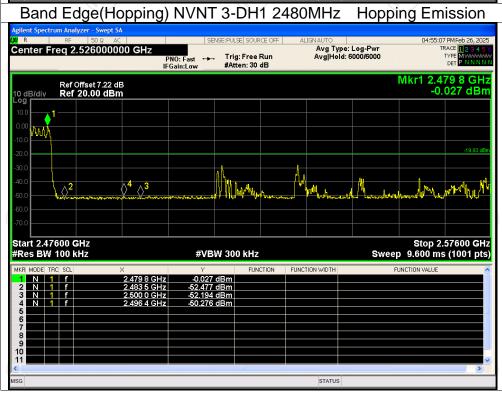








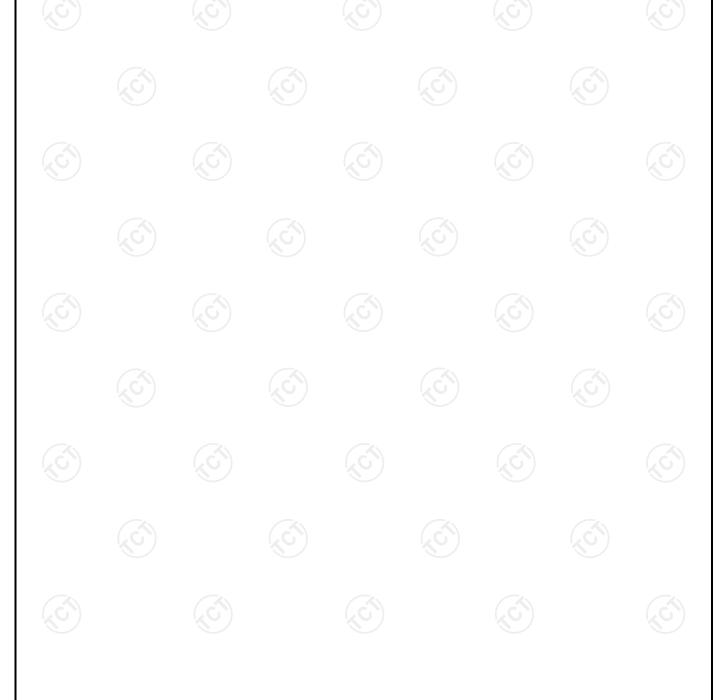


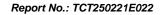




Conducted RF Spurious Emission

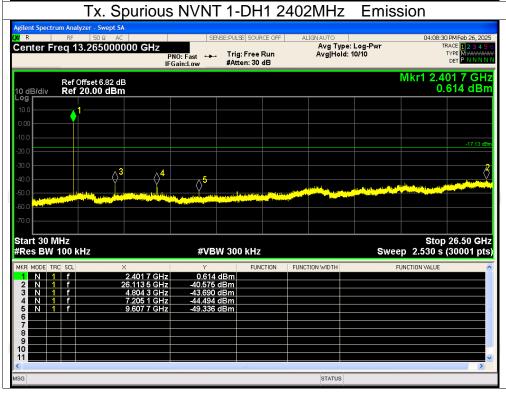
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	-43.44	-20	Pass
NVNT	1-DH1	2441	-41.50	-20	Pass
NVNT	1-DH1	2480	-40.59	-20	Pass
NVNT	2-DH1	2402	-42.18	-20	Pass
NVNT	2-DH1	2441	-49.97	-20	Pass
NVNT	2-DH1	2480	-39.66	-20	Pass
NVNT	3-DH1	2402	-41.17	-20	Pass
NVNT	3-DH1	2441	-41.25	-20	Pass
NVNT	3-DH1	2480	-39.33	-20	Pass

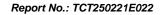




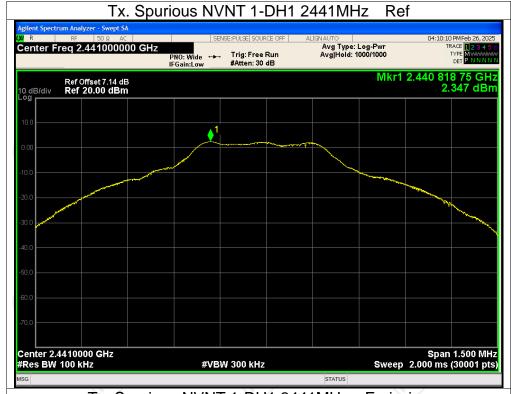


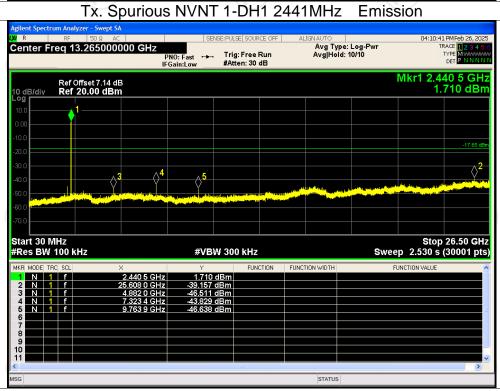








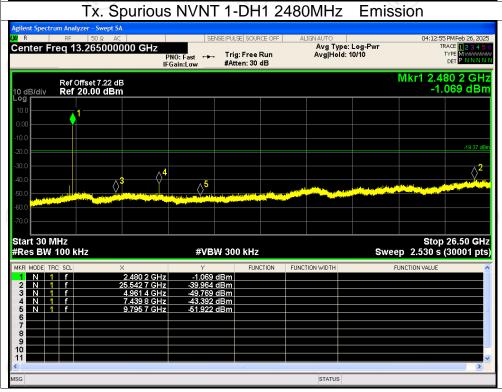


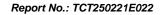






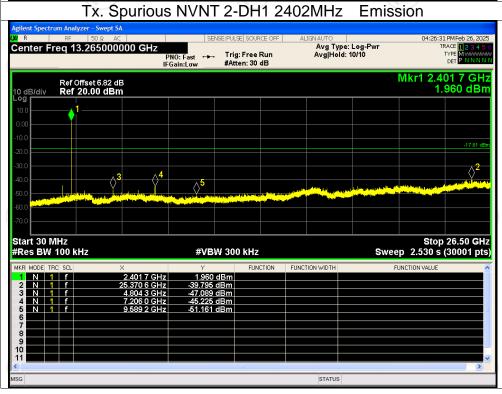


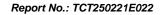






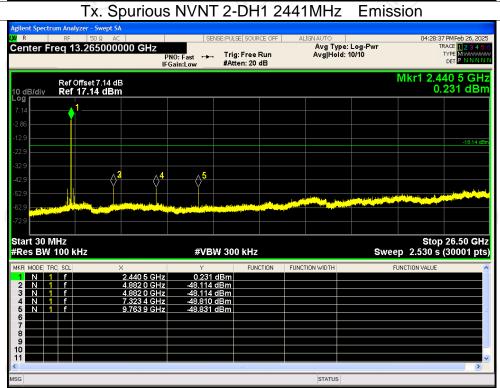








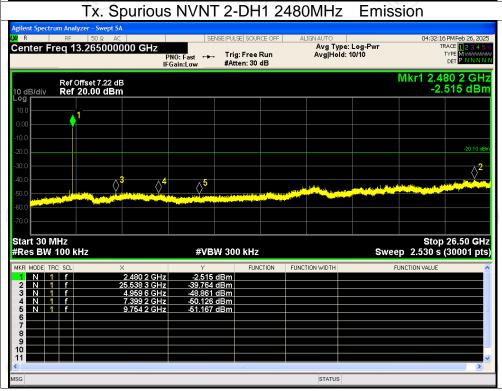








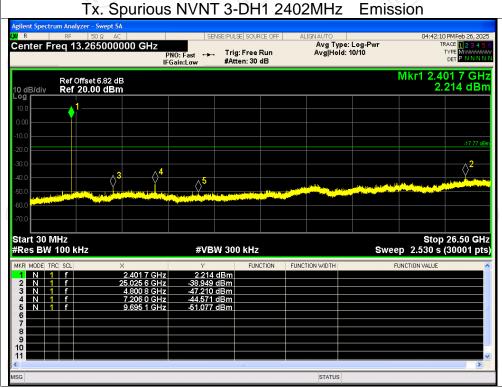


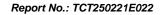






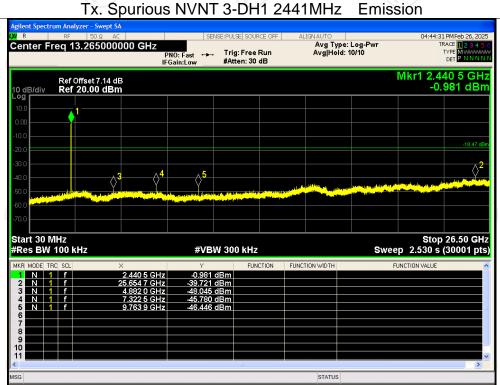


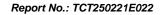






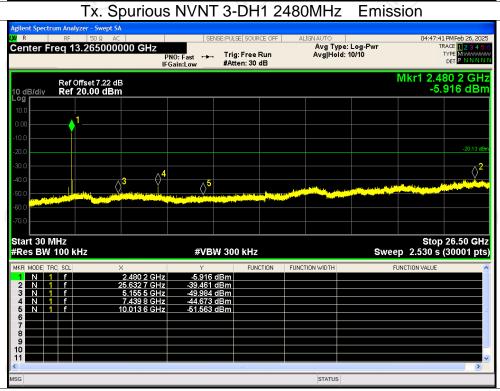










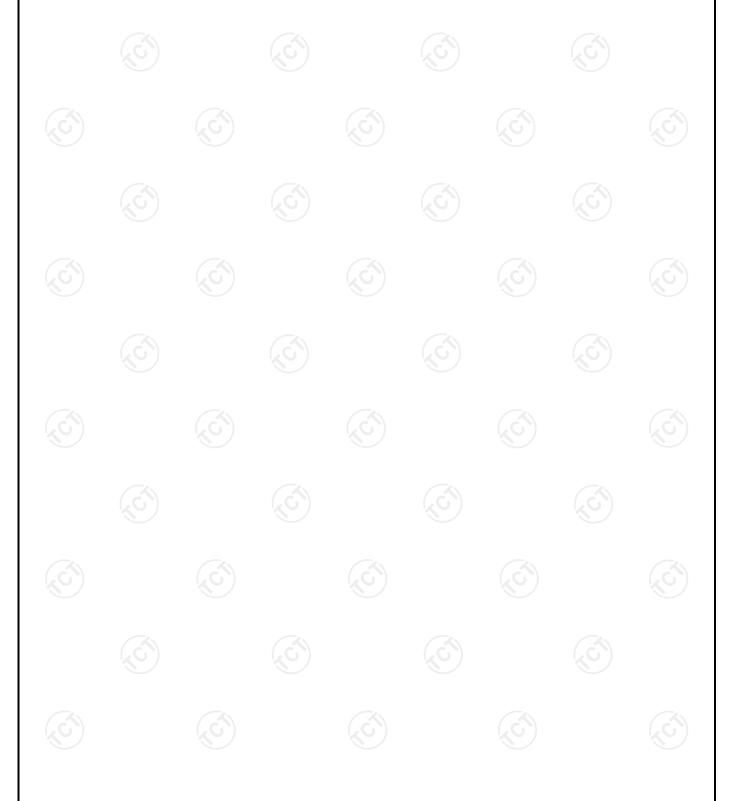


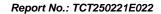


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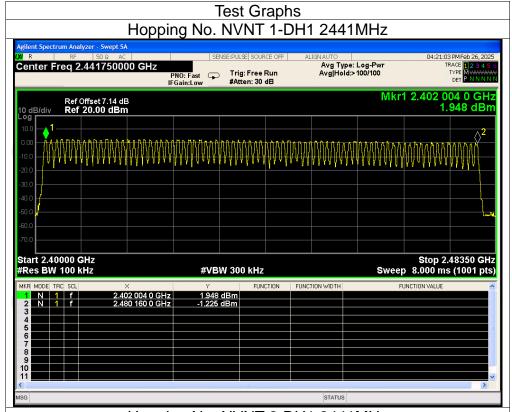
Number of Hopping Channel

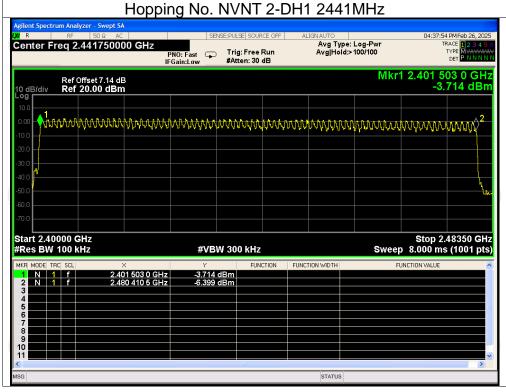
Condition Mode		Hopping Number	Limit	Verdict	
NVNT	1-DH1	79	15	Pass	
NVNT	2-DH1	79	15	Pass	
NVNT	3-DH1	79	15	Pass	

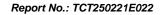




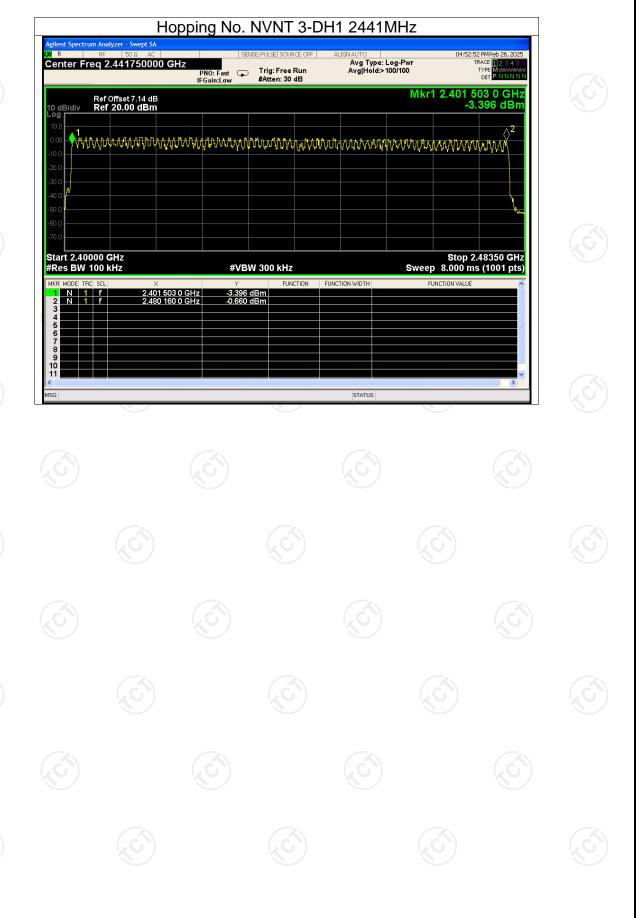














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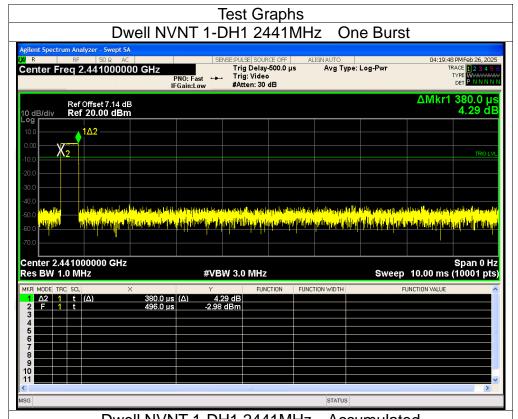
Dwell Time

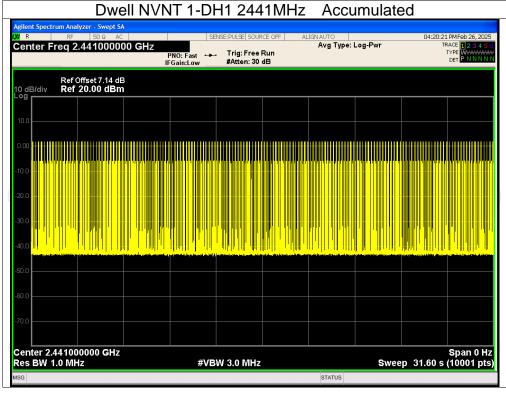
Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.38	120.08	316	31600	400	Pass
NVNT	1-DH3	2441	1.64	265.68	162	31600	400	Pass
NVNT	1-DH5	2441	2.89	306.34	106	31600	400	Pass
NVNT	2-DH1	2441	0.39	122.85	315	31600	400	Pass
NVNT	2-DH3	2441	1.64	273.88	167	31600	400	Pass
NVNT	2-DH5	2441	2.89	338.13	117	31600	400	Pass
NVNT	3-DH1	2441	0.39	124.02	318	31600	400	Pass
NVNT	3-DH3	2441	1.64	280.44	171	31600	400	Pass
NVNT	3-DH5	2441	2.89	346.80	120	31600	400	Pass





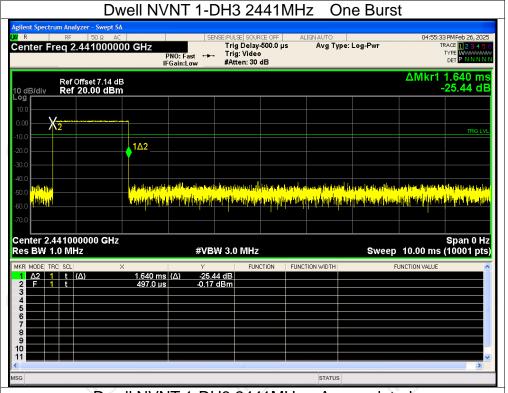


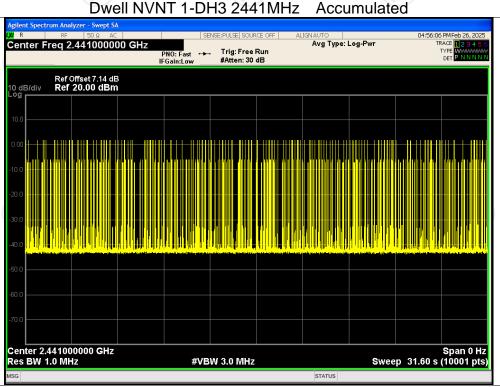






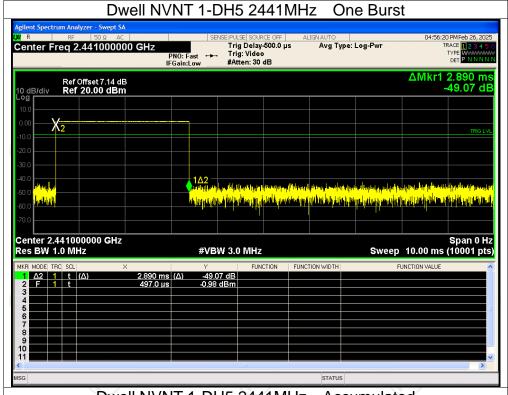


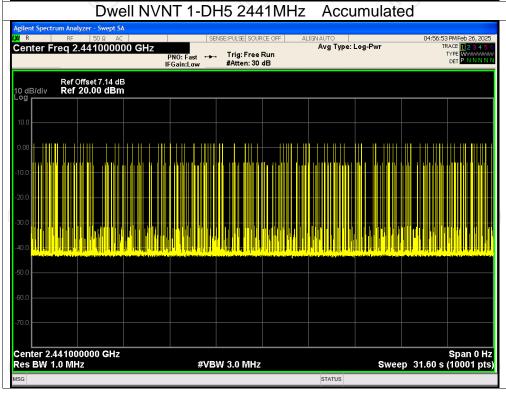






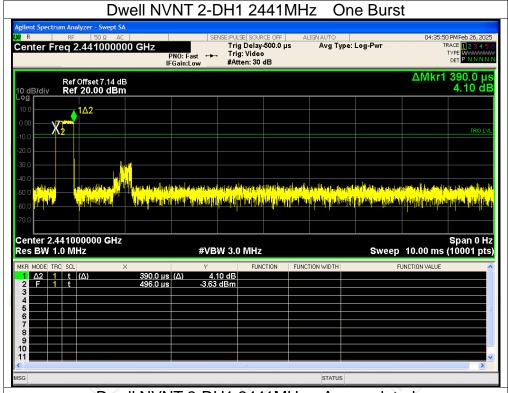


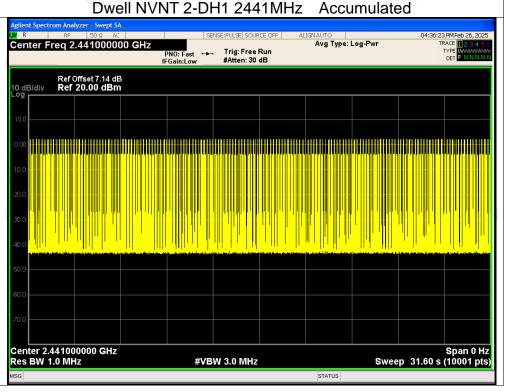






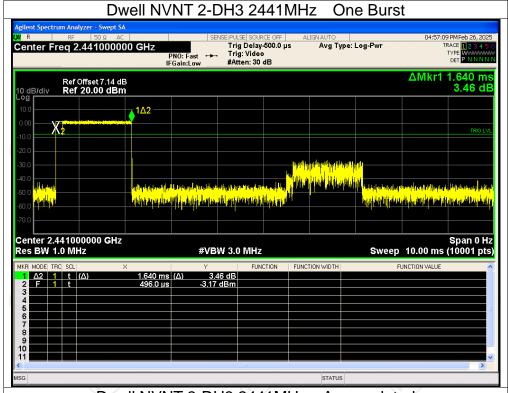


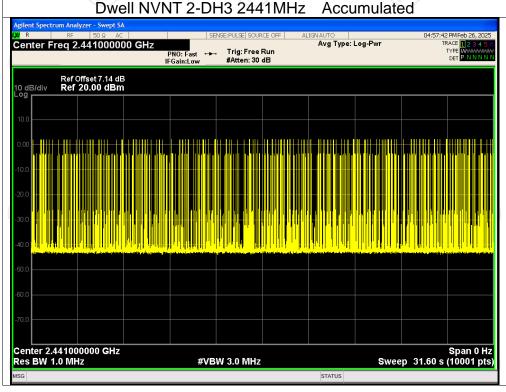






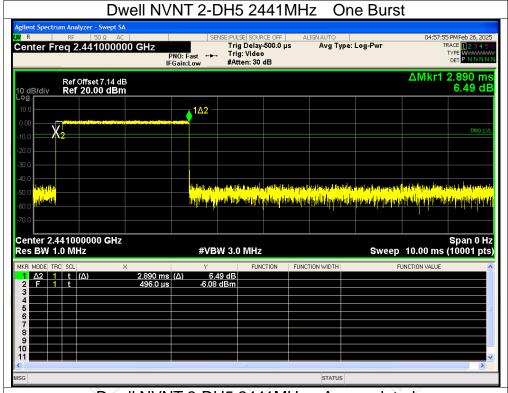


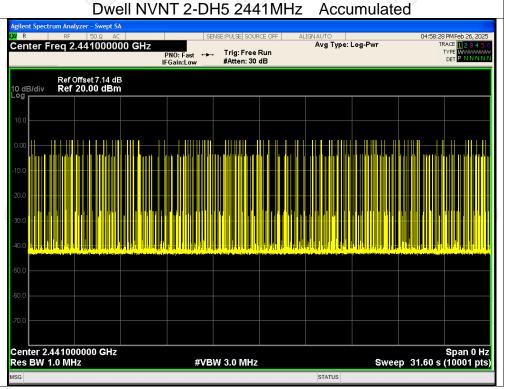






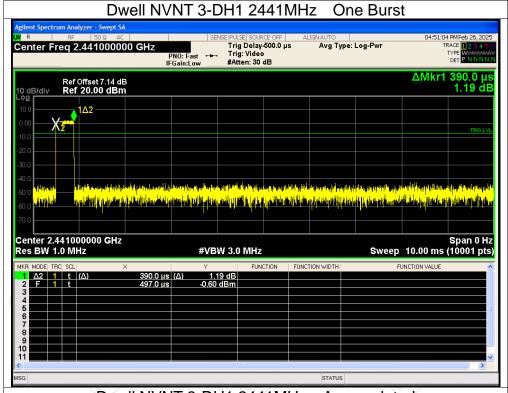


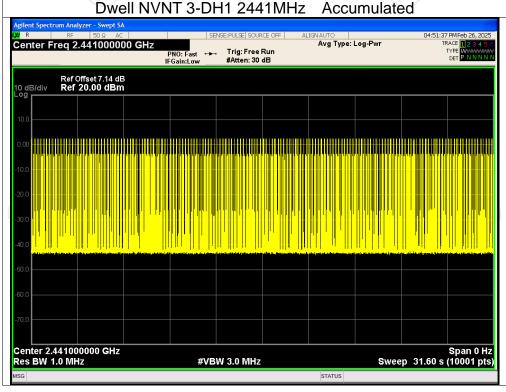






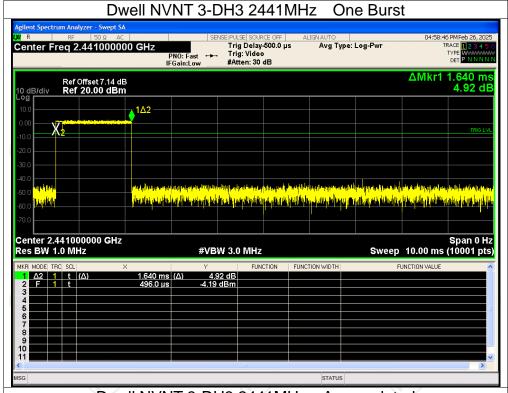


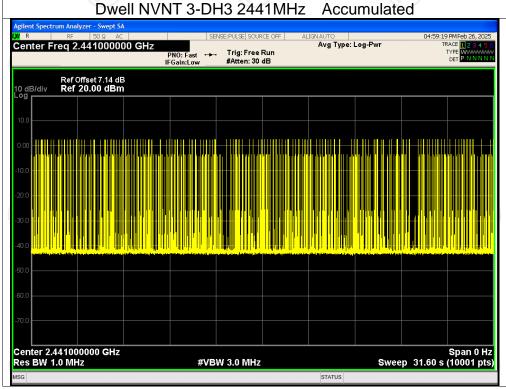






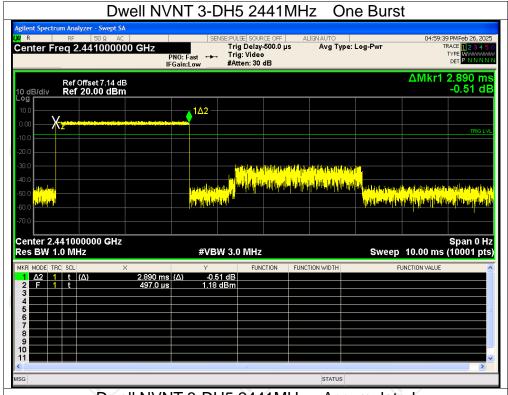


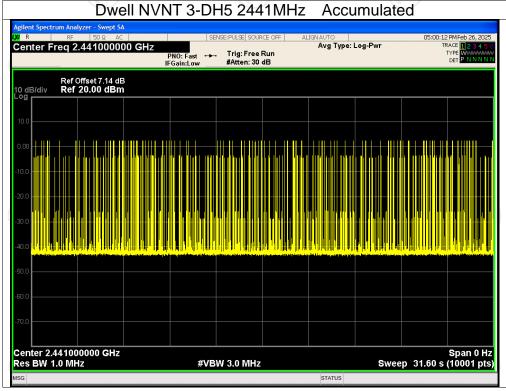














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Appendix B: Photographs of Test Setup

Please refer to document Appendix No.: TCT250221E022-A

Appendix C: Photographs of EUT

Please refer to document Appendix No.: TCT250221E022-B & TCT250221E022-C

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