



TESTING CENTRE TE		777	CG1 #4520.01			
	TEST REPOR	T				
FCC ID::	2APJ4-SLM550					
Test Report No::	TCT220714E018	(C)	(C)			
Date of issue::	ug. 30, 2022					
Testing laboratory:	SHENZHEN TONGCE TESTING	G LAB				
Testing location/ address:	2101 & 2201, Zhenchang Factor Subdistrict, Bao'an District, Sher People's Republic of China					
Applicant's name::	MeiG Smart Technology Co., Ltd					
Address::	2nd Floor, Office Building, No.5 Fuyong Street, Bao'an District, s		ang,			
Manufacturer's name:	MeiG Smart Technology Co., Ltd					
Address:	2nd Floor, Office Building, No.5 Fuyong Street, Bao'an District, s		ang,			
Standard(s)::		FCC CFR Title 47 Part 15 Subpart C Section 15.247 FCC KDB 558074 D01 15.247 Meas Guidance v05r02 ANSI C63.10:2013				
Product Name::	Smart module					
Trade Mark:	MEIGLink	(C)				
Model/Type reference:	SLM550					
Rating(s)::	DC 3.8V					
Date of receipt of test item:	Jul. 14, 2022					
Date (s) of performance of test:	Jul. 14, 2022 - Aug. 30, 2022					
Tested by (+signature):	Rleo LIU	Preo Che LONGCE	?E			
Check by (+signature):	Beryl ZHAO	Boyl 16 TC1	TING			
Approved by (+signature):	Tomsin	Tomsm 45				

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1. General Product Information

Report No.: TCT220714E018

1.1. EUT description

Product Name:	Smart module	
Model/Type reference:	SLM550	
Sample Number:	TCT220714E017-0101	
Bluetooth Version:	V5.0 (This report is for BLE)	
Operation Frequency:	2402MHz~2480MHz	
Channel Separation:	2MHz	(3)
Number of Channel:	40	
Modulation Type:	GFSK	
Antenna Type:	External Antenna	
Antenna Gain:	2.2dBi	
Rating(s)::	DC 3.8V	((0))

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

1.2. Model(s) list

None.

1.3. Operation Frequency

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
((c))	((6)		((())		(,0)
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
Remark: Channel 0, 19 & 39 have been tested.						Ci	



2. Test Result Summary

Requirement	CFR 47 Section	Result
Antenna requirement	§15.203/§15.247 (c)	PASS
AC Power Line Conducted Emission	§15.207	N/A
Conducted Peak Output Power	§15.247 (b)(3)	PASS
6dB Emission Bandwidth	§15.247 (a)(2)	PASS
Power Spectral Density	§15.247 (e)	PASS
Band Edge	§15.247(d)	PASS
Spurious Emission	§15.205/§15.209	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.
- 5. After pre-testing the two earphones, the two earphones are left and right ears respectively; we found that the left earphone is the worst case, so the results are recorded in this report.



3. General Information

3.1. Test environment and mode

Operating Environment:	
Condition	Radiated Emission
Temperature:	26.1 °C
Humidity:	50 % RH
Atmospheric Pressure:	1010 mbar
Test Software:	
Software Information:	QRCTExternal Licensed
Power Level:	8
Test Mode:	
Engineering mode:	Keep the EUT in continuous transmitting by select channel

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.





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
Mother board	MEIG_EVB_V2.03	160	/	
BT Antenna	SKYLINK	/	/	/
Notebook Computer	G3 3500	00342-36088-9 9832-AAOEM		DELL C

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, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.





4. Facilities and Accreditations

4.1. Facilities

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

• FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC - Registration No.: 10668A-1

SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

4.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339

4.3. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	± 3.10 dB
2	RF power, conducted	± 0.12 dB
3	Spurious emissions, conducted	± 0.11 dB
4	All emissions, radiated(<1 GHz)	± 4.56 dB
5	All emissions, radiated(1 GHz - 18 GHz)	± 4.22 dB
6	All emissions, radiated(18 GHz- 40 GHz)	± 4.36 dB

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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:

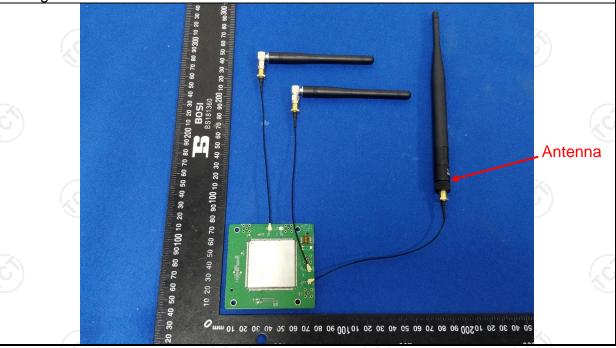
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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 external antenna which permanently attached, and the best case gain of the antenna is 2.2dBi.





5.2. Conducted Emission

5.2.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.207				
Test Method:	ANSI C63.10:2013				
Frequency Range:	150 kHz to 30 MHz	<u>(^)</u>	(C)		
Receiver setup:	RBW=9 kHz, VBW=30	kHz, Sweep time	e=auto		
Limits:	Frequency range (MHz) Limit (dBuV) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 5-30 60 50				
	Refere	nce Plane	120		
Test Setup:	Adapter Filter AC power E.U.T Adapter Filter AC power EMI Receiver 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 conner impedance stabilized provides a 500hm/5 measuring equipment. The peripheral device power through a LI coupling impedance refer to the block photographs). Both sides of A.C. conducted interferer emission, the relative the interface cables ANSI C63.10: 2013 	ation network 50uH coupling iment. Ses are also connected with 50ohm terrediagram of the line are checked by the change of the line are checked by the change of the line are checked by the line are checked by the line are checked by the line are change of the line are change of the line are checked by the line are checked by the line are change of the line are chan	(L.I.S.N.). This appedance for the ected to the main a 500hm/50uH mination. (Please test setup and ed for maximum and the maximum sipment and all of ged according to		
Test Result:	N/A				



5.3. Conducted Output Power

5.3.1. Test Specification

Jan 1est opecification	
Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	KDB 558074 D01 v05r02
Limit:	30dBm
Test Setup:	Spectrum Analyzer EUT
Test Mode:	Refer to item 3.1
Test Procedure:	Set spectrum analyzer as following: a) Set the RBW ≥ DTS bandwidth. b) Set VBW ≥ 3 × RBW. c) Set span ≥ 3 x RBW d) Sweep time = auto couple. e) Detector = peak. f) Trace mode = max hold. g) Allow trace to fully stabilize. h) Use peak marker function to determine the peak amplitude level.
Test Result:	PASS

5.3.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 04, 2023
Combiner Box	Ascentest	AT890-RFB	1	1



5.4. Emission Bandwidth

5.4.1. Test Specification

14:11: Test opecification			7		
Test Requirement:	FCC Part15 C Section 15.247 (a)(2)				
Test Method:	KDB 558074 D01 v05r02				
Limit:	>500kHz				
Test Setup:	Spectrum Analyzer		EUT	(2)	
Test Mode:	Refer to item 3.1				
Test Procedure:	 Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz. Measure and record the results in the test report. 				
Test Result:	PASS	(C)	(c ⁴)		

5.4.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 04, 2023
Combiner Box	Ascentest	AT890-RFB	9) /	(0)



5.5. Power Spectral Density

5.5.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB 558074 D01 v05r02
Limit:	The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	Southwest States EUT
Toot Modo:	Spectrum Analyzer Refer to item 3.1
Test Mode:	Refer to item 3.1
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW) Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level. Measure and record the results in the test report.
Test Result:	PASS

5.5.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 04, 2023
Combiner Box	Ascentest	AT890-RFB	/	/



5.6. Conducted Band Edge and Spurious Emission Measurement

5.6.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB 558074 D01 v05r02
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).
Test Setup:	Spectrum Anabase EUT
Test Mode:	Spectrum Analyzer Refer to item 3.1
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). Measure and record the results in the test report. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
Test Result:	PASS



5.6.2. Test Instruments

Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 04, 2023
Combiner Box	Ascentest	AT890-RFB	/	/

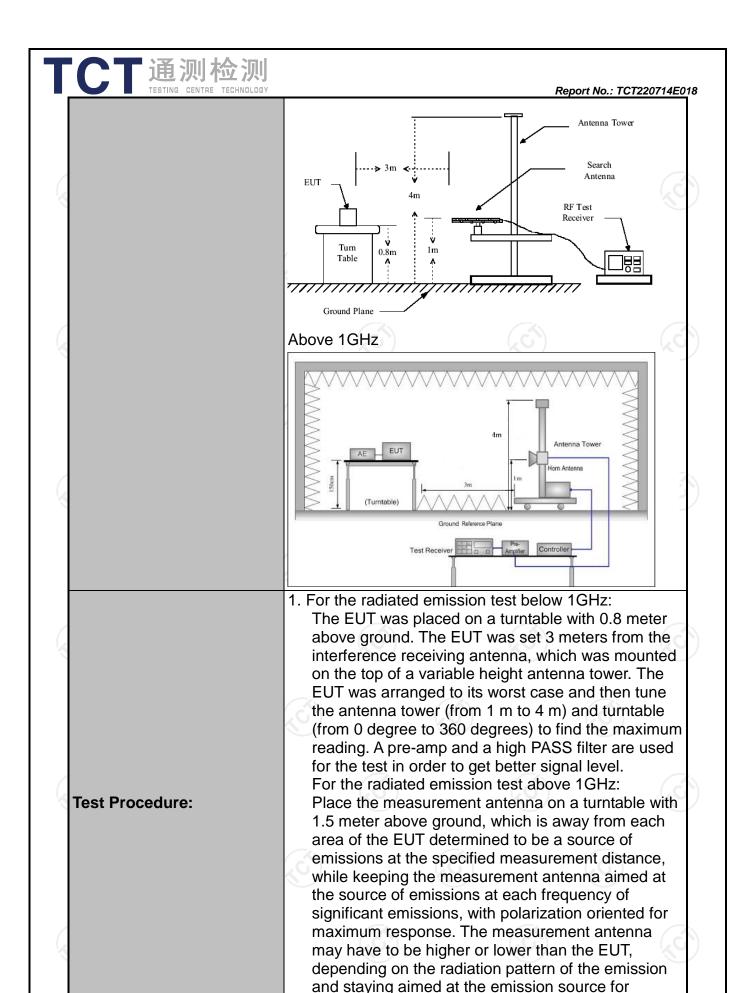




5.7. Radiated Spurious Emission Measurement

5.7.1. Test Specification

		<u> </u>								
Test Requirement:	FCC Part15 C Section 15.209									
Test Method:	ANSI C63.10	ANSI C63.10:2013								
Frequency Range:	9 kHz to 25 GHz									
Measurement Distance:	3 m									
Antenna Polarization:	Horizontal &	Horizontal & Vertical								
Operation mode:	Refer to item 3.1									
	Frequency	Detector	RBW	VBW		Remark				
	9kHz- 150kHz	Quasi-pea	k 200Hz	1kHz	Quas	i-peak Value				
Receiver Setup:	150kHz- 30MHz	Quasi-pea	k 9kHz	30kHz	Quas	i-peak Value				
· ·	30MHz-1GHz	Quasi-pea	k 120KHz	300KHz	Quas	i-peak Value				
		Peak	1MHz	3MHz		eak Value				
	Above 1GHz	Peak	1MHz	10Hz		rage Value				
	Frequen	су	Field Stre (microvolts		Measurement Distance (meters)					
	0.009-0.4	490	2400/F(I	(Hz)	300					
	0.490-1.7	705	24000/F(KHz)	30					
	1.705-3	30	30		30					
	30-88		100		3					
I tooks	88-216		150			3				
Limit:	216-96		200			3				
	Above 9	60	500			3				
	Frequency		ld Strength ovolts/meter)	Measure Distan (mete	ce	Detector				
	Above 1GHz		500	3		Average				
	Above IGHZ	4	5000	3		Peak				
	For radiated	emission	s below 30)MHz						
	Di L	stance = 3m			Comput	er 🗖 🤇				
	Ī	Pre -Amplifier								
Test setup:	0.8m	Turn table	lm	_ _	Receiver					
	30MHz to 10	3))	d Plane			Ć				



receiving the maximum signal. The final

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	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. 2. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level 3. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission
	 level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. 4. Use the following spectrum analyzer settings: Span shall wide enough to fully capture the emission being measured; Set RBW=120 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace =
	 max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for f >1 GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Test mode:	Refer to section 3.1 for details
Test results:	PASS





5.7.2. Test Instruments

	Radiated En	nission Test Site	e (966)	
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESIB7	100197	Jul. 03, 2023
Spectrum Analyzer	R&S	FSQ40	200061	Jul. 03, 2023
Pre-amplifier	SKET	LNPA_0118G- 45	SK2021012 102	Feb. 24, 2023
Pre-amplifier	SKET	LNPA_1840G- 50	SK2021092 03500	Feb. 24, 2023
Pre-amplifier	HP	8447D	2727A05017	Jul. 03, 2023
Loop antenna	Schwarzbeck	FMZB1519B	00191	Jun. 11, 2024
Broadband Antenna	Schwarzbeck	VULB9163	340	Jul. 05, 2024
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Jul. 05, 2024
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Apr. 10, 2023
Antenna Mast	Keleto	RE-AM	1	(E)
Coaxial cable	SKET	RC-18G-N-M	1	Feb. 24, 2024
Coaxial cable	SKET	RC_40G-K-M	1	Feb. 24, 2024
EMI Test Software	Shurple Technology	EZ-EMC		1

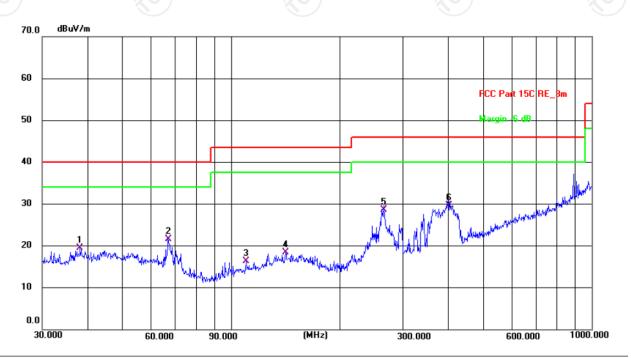


5.7.3. Test Data

Please refer to following diagram for individual

Below 1GHz

Horizontal:



Site #1 3m Anechoic Chamber Polarization: *Horizontal* Temperature: 26.1(C) Humidity: 50 %

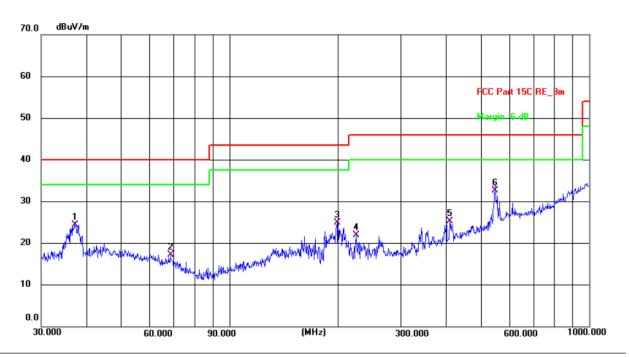
Limit: FCC Part 15C RE_3m Power: DC 3.8V

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	38.2120	5.94	13.54	19.48	40.00	-20.52	QP	Р	
2	66.9669	10.40	11.29	21.69	40.00	-18.31	QP	Р	
3	110.1816	5.54	10.76	16.30	43.50	-27.20	QP	Р	
4	141.8262	5.70	12.71	18.41	43.50	-25.09	QP	Р	
5	265.6757	16.11	12.56	28.67	46.00	-17.33	QP	Р	
6 *	401.8385	13.54	16.10	29.64	46.00	-16.36	QP	Р	





Vertical:



Site #1 3m Anechoic Chamber Polarization: Vertical Temperature: 26.1(C) Humidity: 50 % Limit: FCC Part 15C RE_3m Power: DC 3.8V

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	37.2854	10.90	13.45	24.35	40.00	-15.65	QP	Р	
2	68.6310	6.14	11.08	17.22	40.00	-22.78	QP	Р	
3	199.2855	14.74	10.21	24.95	43.50	-18.55	QP	Р	
4	225.3077	10.72	11.24	21.96	46.00	-24.04	QP	Р	
5	410.3824	8.97	16.31	25.28	46.00	-20.72	QP	Р	
6 *	547.0976	13.10	19.59	32.69	46.00	-13.31	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

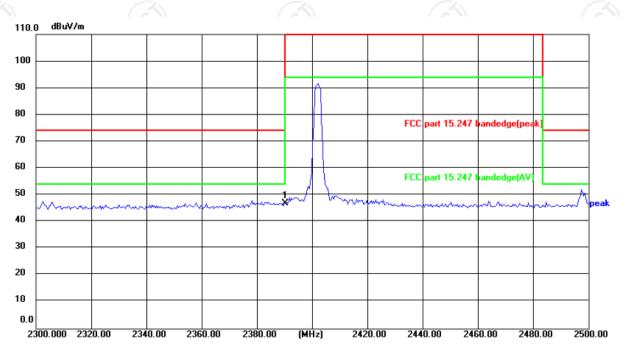
- 2. Measurements were conducted in all three channels (high, middle, low), and the worst case Mode (Middle channel) was submitted only.
- Freq. = Emission frequency in MHz
 Measurement (dBμV/m) = Reading level (dBμV) + Corr. Factor (dB)
 Correction Factor= Antenna Factor + Cable loss Pre-amplifier
 Limit (dBμV/m) = Limit stated in standard
 Margin (dB) = Measurement (dBμV/m) Limits (dBμV/m)
 * is meaning the worst frequency has been tested in the test frequency range



Test Result of Radiated Spurious at Band edges

Lowest channel 2402:

Horizontal:



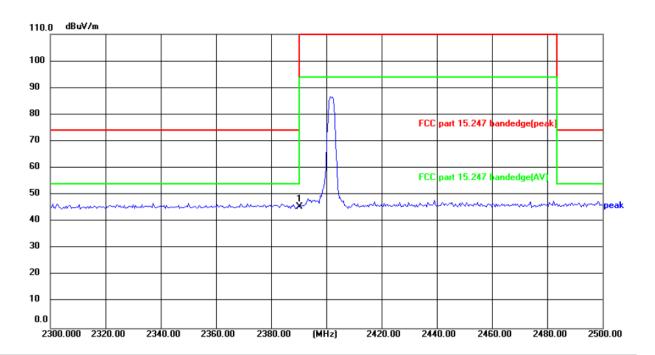
Site Polarization: Horizontal Temperature: 24(°C)

Limit: FCC part 15.247 bandedge(peak) Power: DC 3.8 V Humidity: 52 %

1	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
	1 *	2390.000	62.54	-15.76	46.78	74.00	-27.22	peak	Р	







Site Polarization: Vertical Temperature: 24(°C)

Limit: FCC part 15.247 bandedge(peak) Power: DC 3.8 V Humidity: 52 %

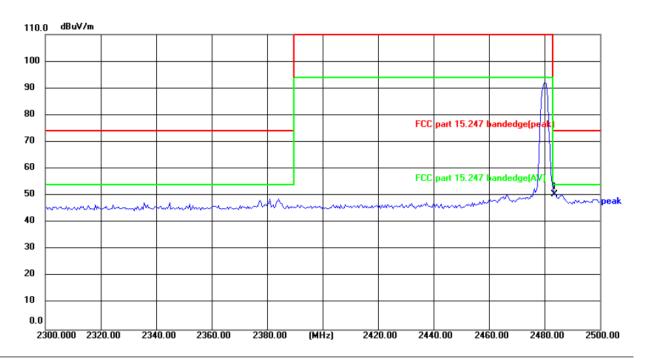
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	2390.000	61.29	-15.76	45.53	74.00	-28.47	peak	Р	





Highest channel 2480:

Horizontal:



Site Polarization: Horizontal Temperature: 24($^{\circ}$ C) Limit: FCC part 15.247 bandedge(peak) Power: DC 3.8 V Humidity: 52 %

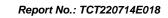
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	2483.500	65.94	-15.41	50.53	74.00	-23.47	peak	Р	



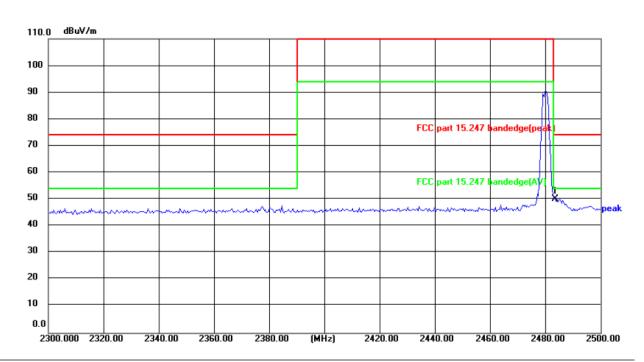












Site Polarization: Vertical Temperature: 24(°C)

Limit: FCC part 15.247 bandedge(peak) Power: DC 3.8 V Humidity: 52 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	2483.500	65.61	-15.41	50.20	74.00	-23.80	peak	Р	





Above 1GHz

Low chann	el: 2402 N	lHz							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	AV	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4804	Η	45.79		0.66	46.45		74	54	-7.55
7206	Η	36.22		9.50	45.72		74	54	-8.28
	Н								
4804	V	46.61		0.66	47.27		74	54	-6.73
7206	V	37.18	-420	9.50	46.68	(C) - }-	74	54	-7.32
	V					<u></u>			

Middle channel: 2440 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)
	4880	Η	44.06		0.99	45.05		74	54	-8.95
	7320	Η	34.27	-	9.87	44.14		74	54	-9.86
		H				/				
	Į.			KO		· ·			KO)	
	4880	V	45.44)	0.99	46.43)	74	54	-7.57
	7320	V	35.61		9.87	45.48		74	54	-8.52
		V	 ,.			·		-		

High chann	el: 2480 N	ИHz							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emission Peak (dBµV/m)	AV	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4960	H	47.05	+-6	1.33	48.38		74	54	-5.62
7440	Н	36.47	-1	10.22	46.69	<i></i>	74	54	-7.31
	Н								
4960	V	46.46		1.33	47.79		74	54	-6.21
7440	V	34.89		10.22	45.11		74	54	-8.89
	V				/				

Note:

- 1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss Pre-amplifier
- 2. Margin (dB) = Emission Level (Peak) (dB μ V/m)-Average limit (dB μ V/m)
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.
- 6. All the restriction bands are compliance with the limit of 15.209.

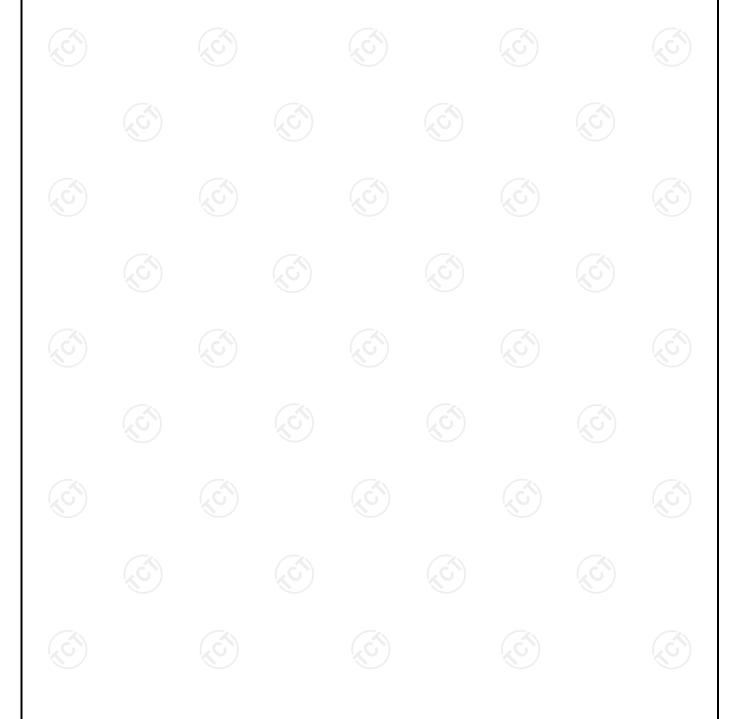




Appendix A: Test Result of Conducted Test

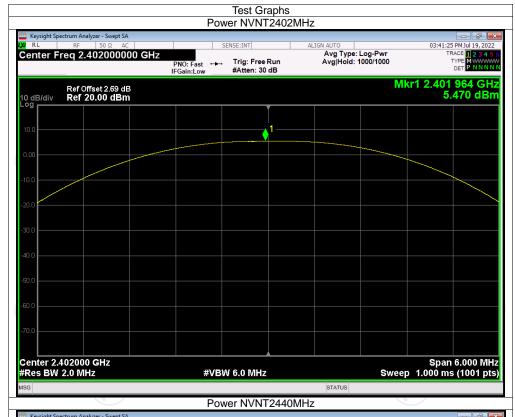
Maximum Conducted Output Power

Condition	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	2402	5.47	30	Pass
NVNT	2440	6.69	30	Pass
NVNT	2480	6.55	30	Pass



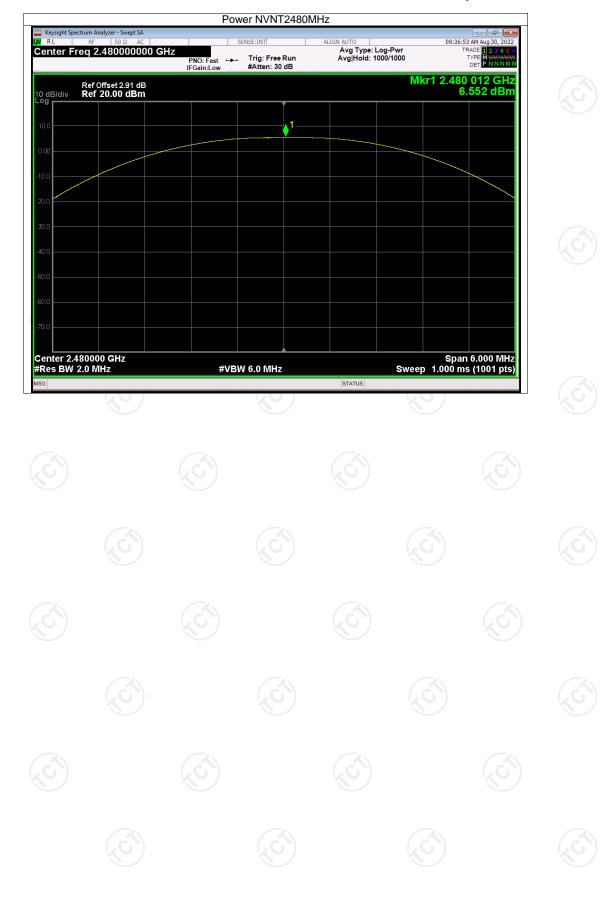














-6dB Bandwidth

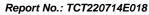
Condition	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	2402	0.663	0.5	Pass
NVNT	2440	0.657	0.5	Pass
NVNT	2480	0.662	0.5	Pass



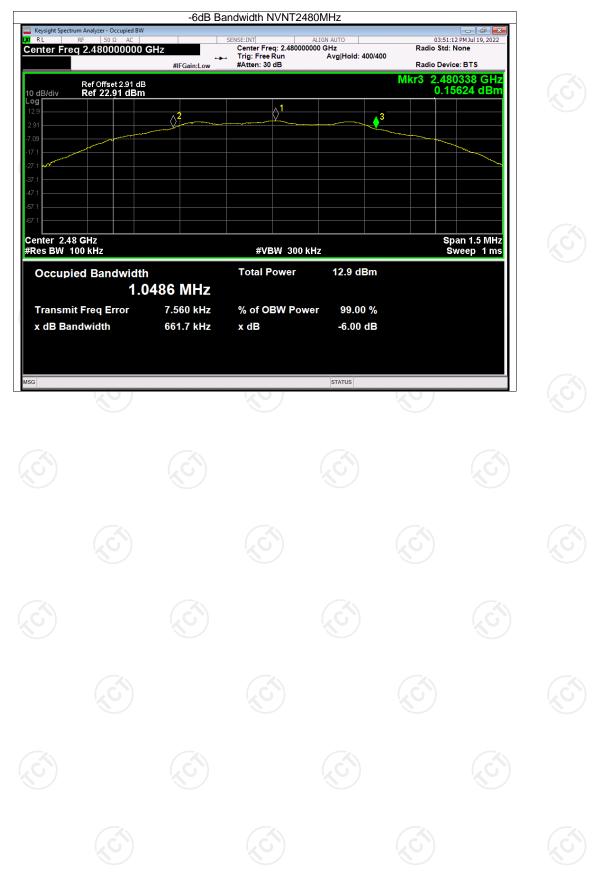








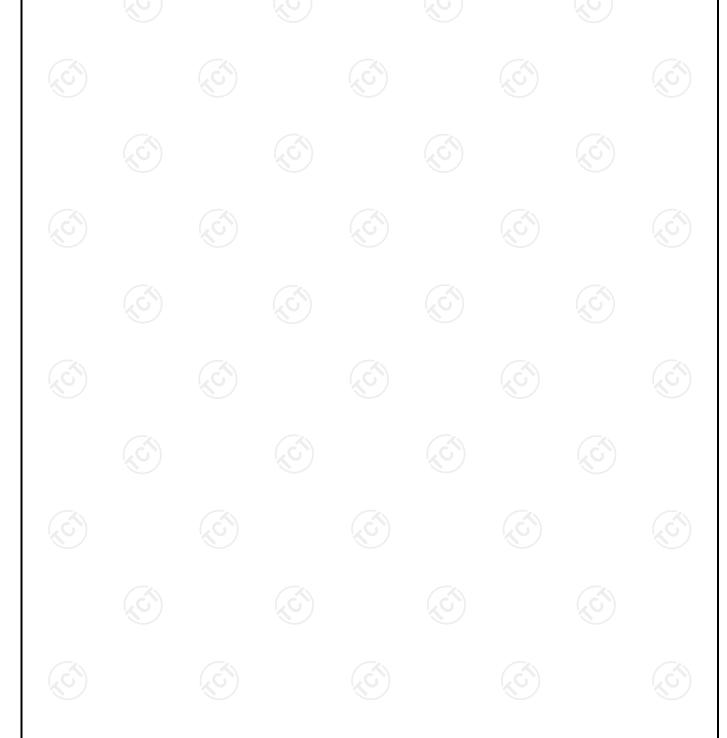




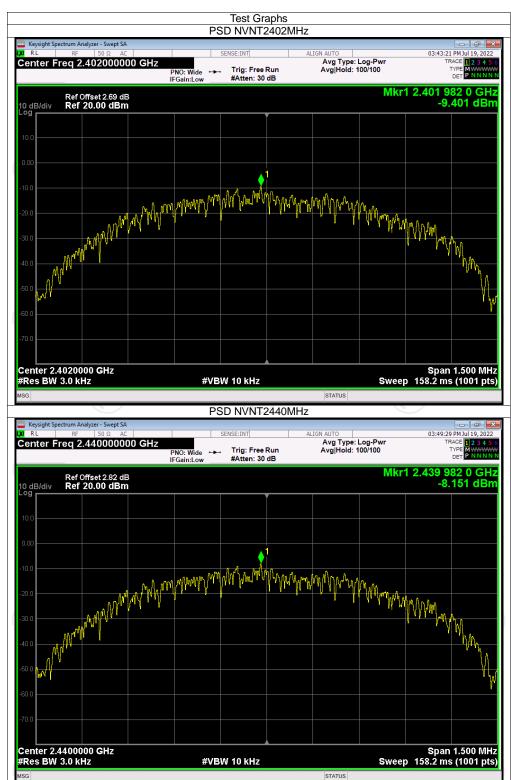


Maximum Power Spectral Density Level

Condition	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	2402	-9.40	8	Pass
NVNT	2440	-8.15	8	Pass
NVNT	2480	-8.29	8	Pass

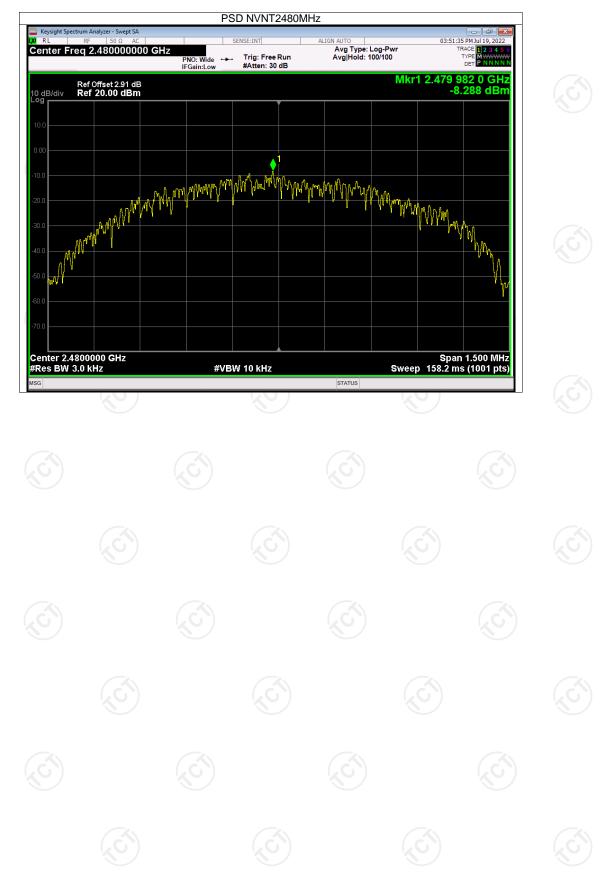








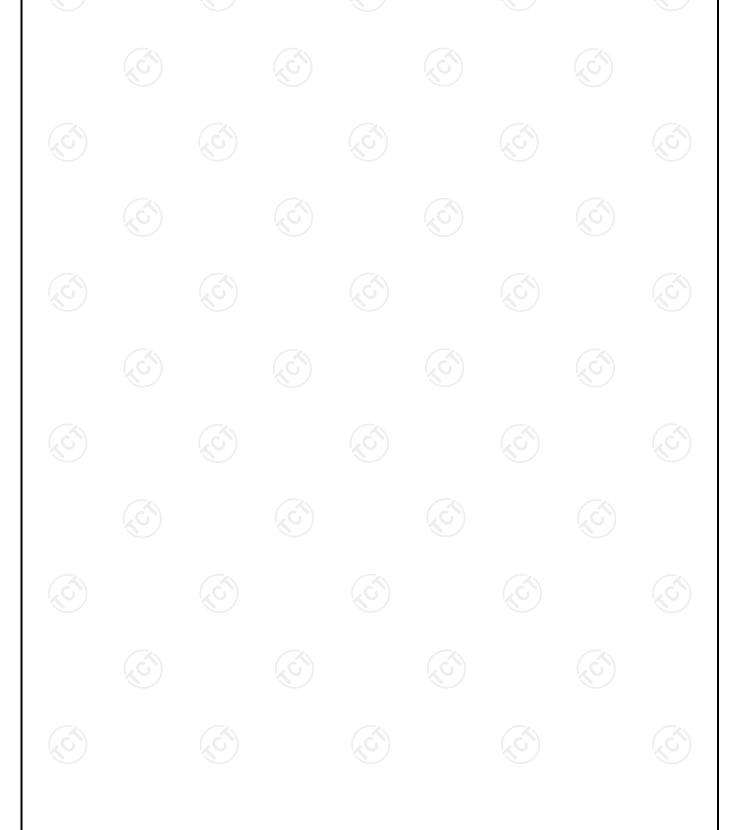




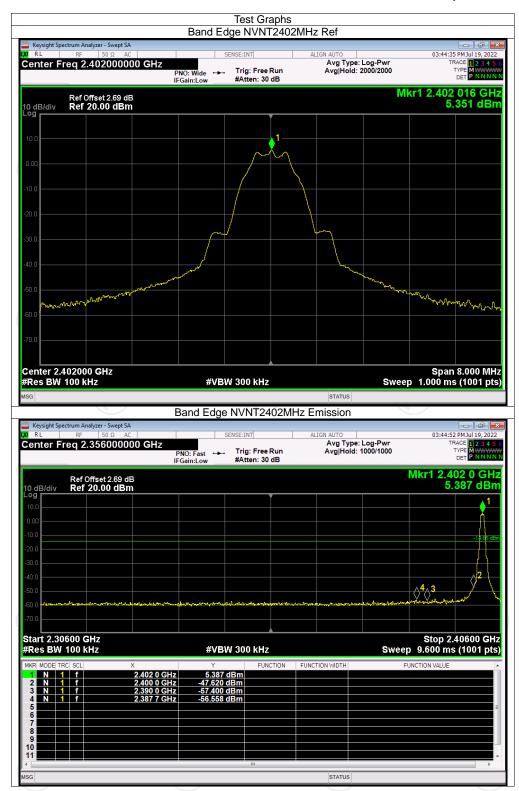


Band Edge

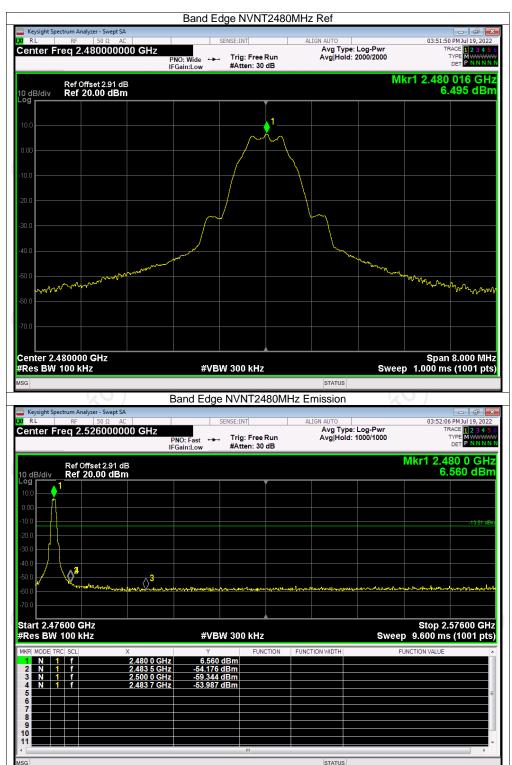
Condition	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2402	-61.90	-20	Pass
NVNT	2480	-60.48	-20	Pass







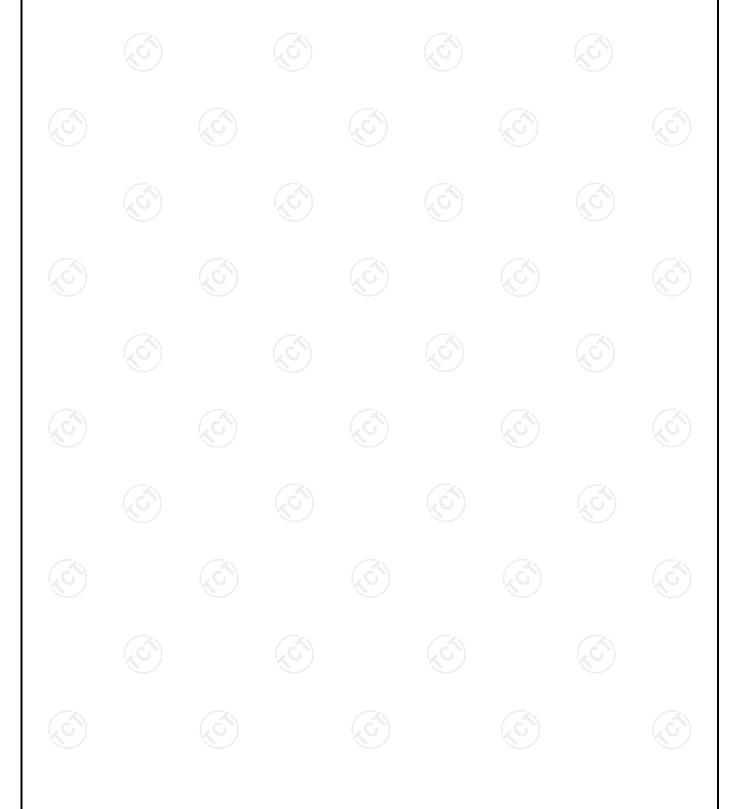




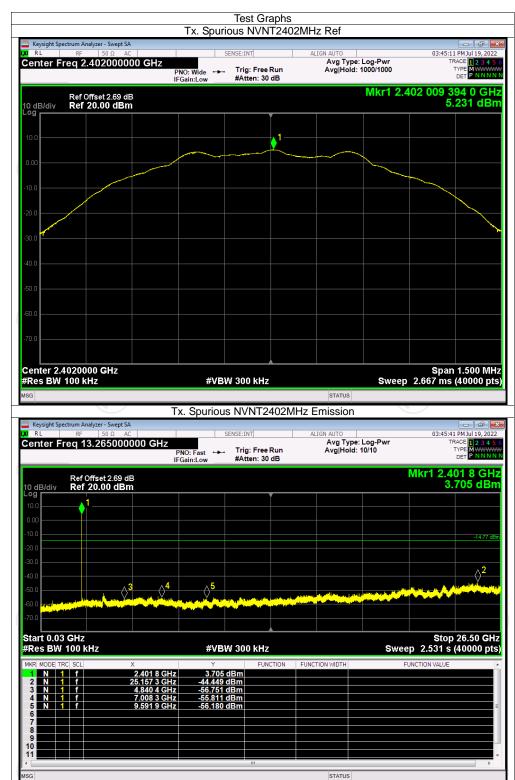


Conducted RF Spurious Emission

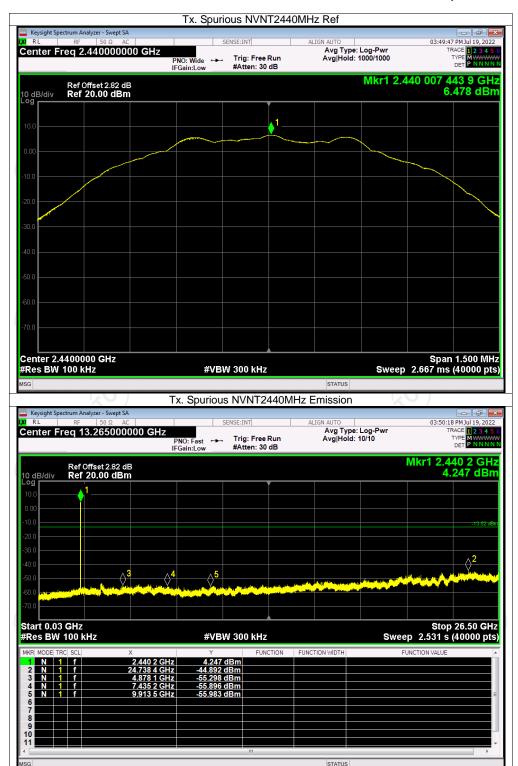
Condition	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2402	-49.67	-20	Pass
NVNT	2440	-51.37	-20	Pass
NVNT	2480	-51.56	-20	Pass



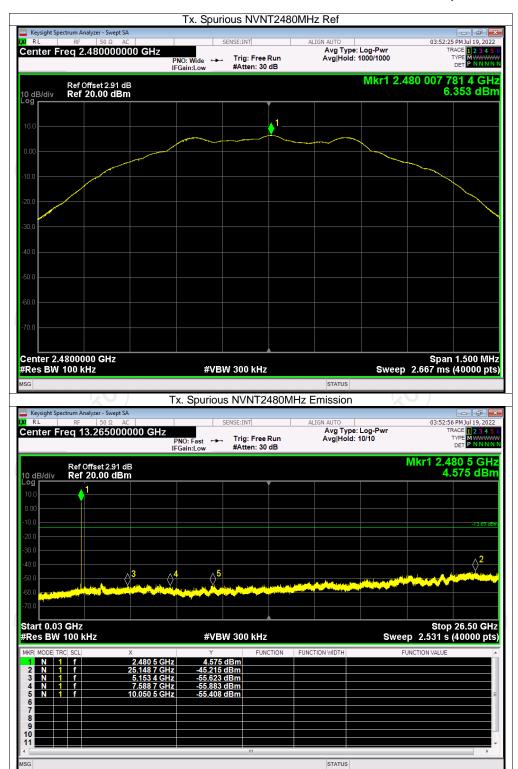








TCT通测检测 TESTING CENTRE TECHNOLOGY





Appendix B: Photographs of Test Setup

Refer to the test report No. TCT220714E017

Appendix C: Photographs of EUT

Refer to the test report No. TCT220714E017

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

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