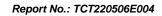


TESTING CENTRE TEC	TEST REPOR	Т		
FCC ID::	2AUARS1			
Test Report No::	TCT220506E004			
Date of issue::	May 25, 2022			
Testing laboratory:	SHENZHEN TONGCE TESTING	S LAB		
Testing location/ address:	TCT Testing Industrial Park Fuqi Street, Bao'an District Shenzhen Republic of China		/	
Applicant's name::	THINKCAR TECH CO., LTD.			
Address::	2606, building 4, phase II, Tianar Bantian, Longgang District, Sher		community,	
Manufacturer's name:	THINKCAR TECH CO., LTD.			
Address::	2606, building 4, phase II, TiananYungu, Gangtou, community, Bantian, Longgang District, Shenzhen, China			
Standard(s)::	FCC CFR Title 47 Part 15 Subpa	art C Section 15.23	1	
Product Name:	THINKTPMS S1		(0)	
Trade Mark:	THINKCAR			
Model/Type reference:	TKTS1	(C)		
Rating(s)::	DC 3V			
Date of receipt of test item:	May 06, 2022		(C <sup>1</sup> )	
Date (s) of performance of test:	May 06, 2022 - May 25, 2022			
Tested by (+signature):	Rleo LIU	Preo Gronge		
Check by (+signature):	Beryl ZHAO	Boy CATO	LING	
Approved by (+signature):	Tomsin	Tomsies	<b>9</b>	

#### General disclaimer:

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1. General Product Information

Report No.: TCT220506E004

### 1.1. EUT description

Product Name	HINKTPMS S1		
Model/Type reference	KTS1		
Sample Number	CT220506E004-0101		
Operation Frequency: 3	15MHz, 433.92MHz		
Modulation Technology: F	SK		
Antenna Type	nternal Antenna	(c)	
Antenna Gain	dBi		
Rating(s)	OC 3V		

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

# this parameter. Model(s) list 1.2. None.



# **Test Result Summary**

Requirement	CFR 47 Section	Result
Antenna Requirement	§15.203/§15.247 (c)	PASS
Conduction Emission, 0.15MHz to 30MHz	§15.207	N/A
Manually Activated Transmitter	§15.231(a)	PASS
Radiation Emission	§15.231(b), §15.205, §15.209, §15.35	PASS
Occupied Bandwidth	§15.231(c)	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 Envir	onment:		
Condition		Radiated E	mission
Temperature	):	24.5 °C	
Humidity:		56 % RH	
Test Mode:			
TM1:		(	Keep the EUT in 315M transmitting with modulation
TM2:			Keep the EUT in 433M transmitting with modulation
Remark:		(0)	All modes have been tested, and the worse mode (TM2) is report only.

The sample was placed (0.8m below 1GHz, 1.5m 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 (Y axis) are shown in Test Results of the following pages.

#### Per-test mode.

We have verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:

		· · · · · · · · · · · · · · · · · · ·		
Axis	X	Y	Z	
Field Strength(dBuV/m)	52.47	55.31	52.59	

#### **Final Test Mode:**

According to ANSI C63.10 standards, the test results are both the "worst case" and "worst setup": Y axis (see the test setup photo)



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



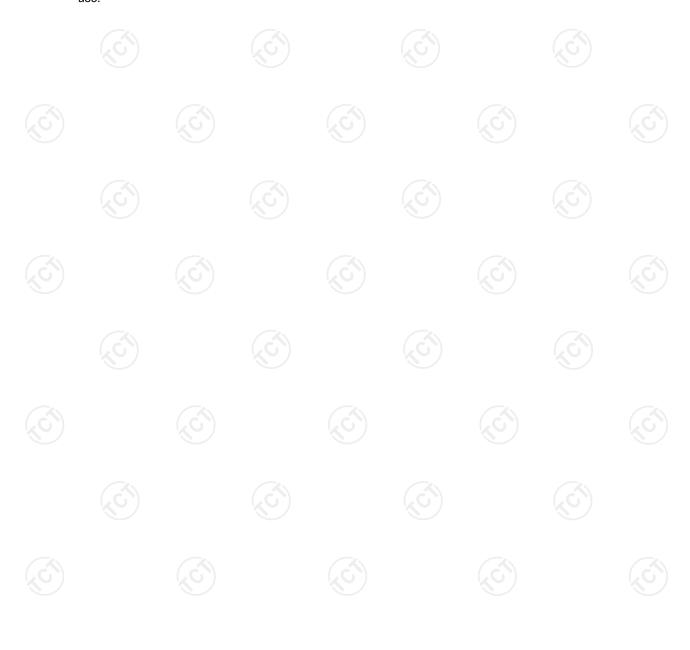
#### 3.2. Description of Support Units

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
THINKTPMS T100	TKTT1	1	(E) 1	

**Note:** TPMS Service tool TBM0100 has passed FCC DoC test certification and meets the requirements of auxiliary device.

- 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.





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: TCT Testing Industrial Park Fuqiao 5th Industrial Zone, Fuhai Street, 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
7	Temperature	± 0.1°C
8	Humidity	± 1.0%

Report No.: TCT220506E004



#### 5. Test Results and Measurement Data

#### 5.1. Antenna Requirement

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

15.203 requirement:

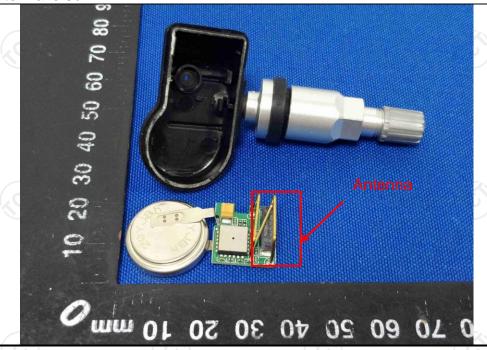
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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 antenna is external antenna which permanently attached, and the best case gain of the antenna is 0dBi.





#### 5.2. Conducted Emission

#### 5.2.1. Test Specification

	E00 B 1/5 00 11	1= 00=		
Test Requirement:	FCC Part15 C Section	15.207	160	
Test Method:	ANSI C63.4:2014			
Frequency Range:	150 kHz to 30 MHz			
Receiver setup:	RBW=9 kHz, VBW=30	kHz, Sweep time	=auto	
	Frequency range	Limit (	dBuV)	
	(MHz)	Quasi-peak	Áverage	
Limits:	0.15-0.5	66 to 56*	56 to 46*	
	0.5-5	56	46	
	5-30	60	50	
	Refere	ence Plane	( ( )	
Test Setup:	AUX Equipment  Test table/Insulation pla  Remark: EUT: Equipment Under Test LISN: Line Impedence Stabilization Test table height=0.8m	U.T EMI Receiver	ter — AC power	
Test Mode:	Refer to Item 3.1	Refer to Item 3.1		
Test Procedure:	<ol> <li>The E.U.T and simple power through a line (L.I.S.N.). This proimpedance for the model of the power through a Line coupling impedance refer to the block photographs).</li> <li>Both sides of A.C. conducted interferer emission, the relative the interface cables ANSI C63.4: 2014 or consulted interface.</li> </ol>	e impedance stabovides a 50ohm neasuring equipmed ces are also conne ISN that provides with 50ohm termediagram of the line are checked nce. In order to fire e positions of equest must be change	oilization network of 1/50uH coupling ent. ected to the main a 50ohm/50uH nination. (Please test setup and ed for maximum of the maximum ipment and all of ed according to	
Test Result:	N/A; Because the EUT item is not applicable.	is powered by the	e battery, so the	

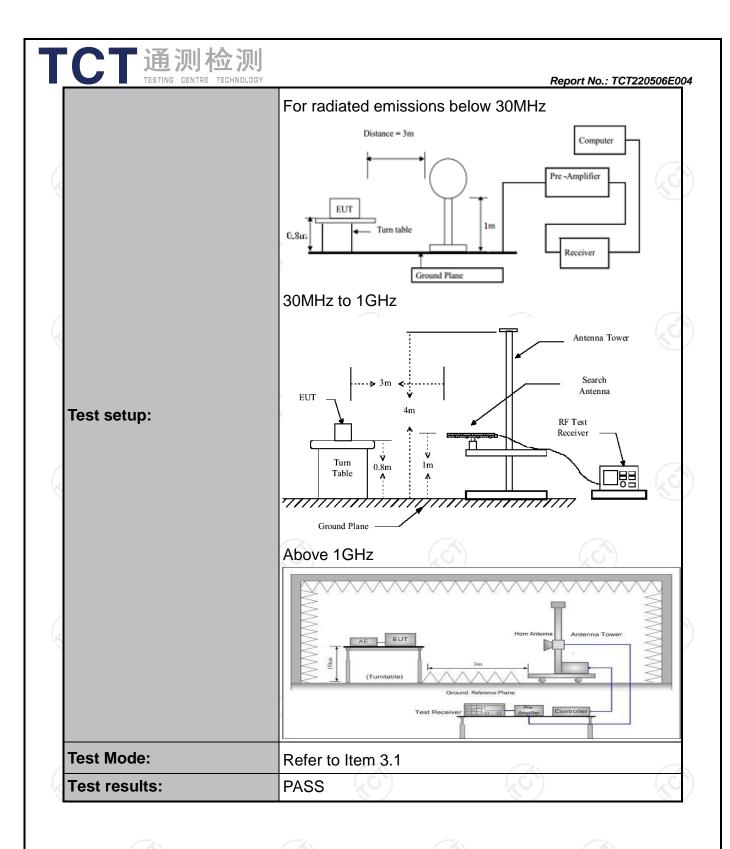


TESTING CENTRE TECHNOLOGY Report No.: TCT220506E004

# 5.3. Radiated Emission Measurement

#### 5.3.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.231(a) and 15.209				
Test Method:	ANSI C63.4: 2014 and ANSI C63.10:2013				
Frequency Range:	9 kHz to 5 G	Hz	Z.		
Measurement Distance:	3 m	(60			(0)
Antenna Polarization:	Horizontal &	Vertical			
	Frequency	Detector	RBW	VBW	Remark
Receiver Setup:	9kHz- 150kHz 150kHz- 30MHz	Quasi-peak Quasi-peak	200Hz 9kHz	1kHz 30kHz	Quasi-peak Value Quasi-peak Value
·	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		Peak	1MHz	10Hz	Average Value otating table 0.8
Test Procedure:	below 10 1GHz. T determine 2. The EU interferen on the top 3. The anten meters at value of vertical pe the meas 4. For each s to its work heights fr table was find the m 5. The test- Function Hold Mod 6. If the emi 10dB lowe be stopped reported. 0 10dB mare	GHz, 1.5m he table the position of a variation of a	above was rot on of the et 3 m and the et 3 m and the emission of the Emission	the grotated 36 highest eters a na, which antenna a terminal termi	way from the h was mounted





5.3

3.2. Limit		

Fundamental Frequency (MHz)	Filed Strength of Fundamental (microvolts/meter)	Filed Strength of Spurious Emission (microvolts/meter)
40.66-40.70	2250	225
70-130	1250	125
130-174	1250 to 3750*	125 to 375*
174-260	3750	375
260-470	3750 to 12500*	375 to 1250*
Above 470	12500	1250
Horn Antenna	Schwarzbeck	BBHA 9120D

<sup>\*</sup>Linear interpolations

[Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follows:

For the band 130-174 MHz,  $\mu$ V/m at 3 meters = 56.81818(F) - 6136.3636; for the band 260-470 MHz,  $\mu$ V/m at 3 meters = 41.6667(F) - 7083.3333. The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level.

#### For EUT /

Fundamental Frequency (MHz)		Filed Strength of Fundamental (dBµV/m)	Filed Strength of Spurious Emission(dBµV/m)		
	315	75.62	55.62		
	433.92	80.83	60.83		

#### Note:

- 1. Intentional radiators operating under the provisions of this Section shall demonstrate compliance with the limits on the field strength of emissions, as shown in the above table, based on the average value of the measured emissions.
- 2.According to 15.35, on any frequency or frequencies below or equal to 1000 MHz, the limits Shown are based on measuring equipment employing a CISPR quasi-peak detector function and related measurement bandwidths, unless otherwise specified the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test.
- 3. According to 15.231(b), The limits on the field strength of the spurious emissions in the above table is based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CIŚPR quasi-peak) limits shown in this table or to the general limits shown in Section 15.209, whichever limit permits one higher field strength.

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#### Frequencies in restricted band are complied to limit on Paragraph 15.209

Frequency Range (MHz)	Distance (m)	Field strength (dB $\mu$ V/m)		
0.009-0.490	3	20log 2400/F (kHz) + 80		
0.490-1.705	3	20log 24000/F (kHz) + 40		
1.705-30	3	20log 30 + 40		
30-88	3 (6)	40.0		
88-216	3	43.5		
216-960	3	46.0		
Above 960	3	54.0		

#### Note:

- 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
- 2. In the Above Table, the tighter limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.
- 5. If measurement is made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula Ld1 = Ld2 \* (d2/d1)







#### 5.3.3. 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. 07, 2022	
Spectrum Analyzer	R&S	FSQ40	200061	Jul. 07, 2022	
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. 07, 2022	
Loop antenna	ZHINAN	ZN30900A	12024	Sep. 05, 2022	
Broadband Antenna	Schwarzbeck	VULB9163	340	Sep. 04, 2022	
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Sep. 04, 2022	
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Apr. 10, 2023	
Coaxial cable	SKET	RC_DC18G-N	N/A	Feb. 24, 2023	
Coaxial cable	SKET	RC-DC18G-N	N/A	Feb. 24, 2023	
Coaxial cable	SKET	RC-DC40G-N	N/A	Jul. 07, 2022	
EMI Test Software Shurple Technology		EZ-EMC	N/A	N/A	



#### 5.3.4. Test Data

#### **Duty Cycle Test Data:**

#### 315MHz:

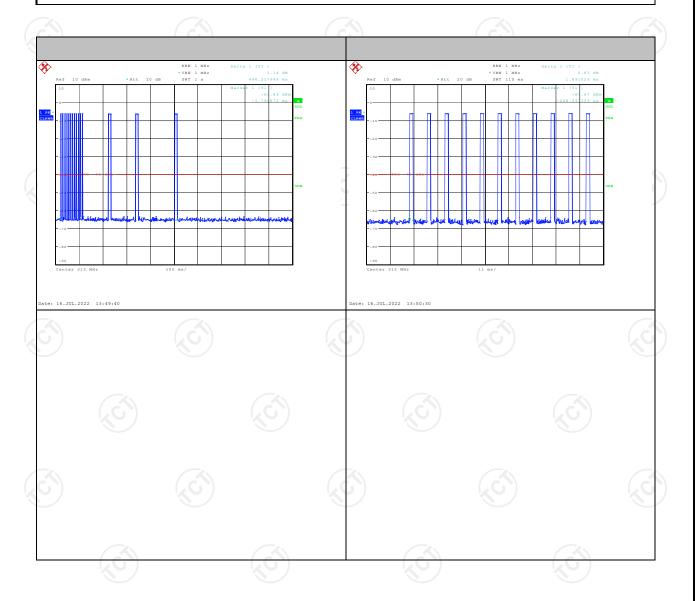
Total time(ms)	Effective time (ms)	Duty Cycle	AV Factor(dB)	
100	20.79	0.21	-13.55	

#### Note:

Effective time= 1.89\*11=20.79ms

Duty Cycle= Effective time / Total time = 0.21

AV Factor = 20 log(Duty Cycle)= -13.55



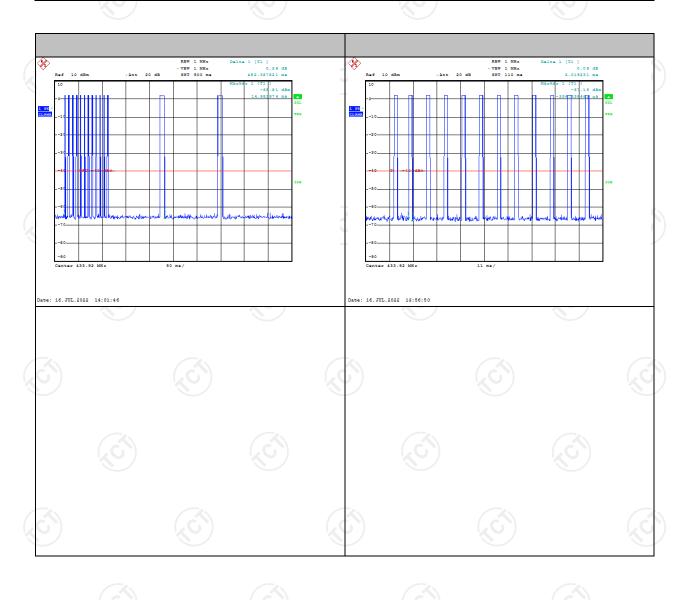


#### 433.92MHz:

Total time (ms)	Effective time (ms)	Duty Cycle	AV Factor(dB)
100	24.24	0.24	-12.40

#### Note:

Effective time = 2.02\*12=24.24ms Duty Cycle= Effective time / Total time = 0.24 AV Factor = 20 log(Duty Cycle)= -12.40





#### **Field Strength of Fundamental**

Frequency (MHz)	Emission PK (dBuV/m)	Horizontal /Vertical	Limits PK (dBuV/m)	Margin (dB)
315	73.91	Н	95.62	-21.71
315	72.58	V	95.62	-23.04
433.92	76.34	Н	100.83	-24.49
433.92	67.82	V	100.83	-33.01

Frequency (MHz)	Emission PK (dBuV/m)	AV Factor(dB)	Horizontal /Vertical	Emission AVG (dBuV/m)	Limits AV (dBuV/m)	Margin (dB)
315	73.91	-13.55	Н	60.36	75.62	-15.26
315	72.58	-13.55	V	59.03	75.62	-16.59
433.92	76.34	-12.40	Н	63.94	80.83	-16.89
433.92	67.82	-12.40	(S) V	55.42	80.83	-25.41

#### **Harmonics and Spurious Emissions**

#### Frequency Range (9 kHz-30MHz)

Frequer	ncy (MHz)	Level@3m (dBµV/m)	Limit@3m (dBµV/m)
		<u></u>	<u> </u>
(C.)	(x0,)	(CO.)	(C) (C)

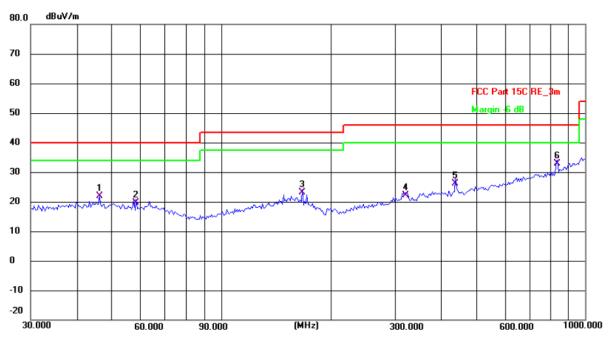
Note: 1. Emission Level=Reading+ Cable loss-Antenna factor-Amp factor

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement





#### **Below 1GHz**



Site #1 3m Anechoic Chamber Polarization: *Horizontal* Temperature: 24.5(C) Humidity: 56 %

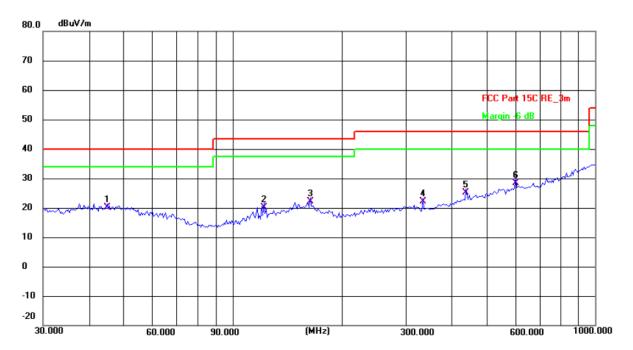
Limit: FCC Part 15C RE\_3m Power: DC 3V

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	46.3402	8.29	13.56	21.85	40.00	-18.15	QP	Р	
2	58.4074	7.14	12.39	19.53	40.00	-20.47	QP	Р	
3	167.2366	10.34	12.68	23.02	43.50	-20.48	QP	Р	
4	321.0605	8.01	14.05	22.06	46.00	-23.94	QP	Р	
5	440.1961	9.12	17.03	26.15	46.00	-19.85	QP	Р	
6 *	839.1816	8.18	24.66	32.84	46.00	-13.16	QP	Р	





Temperature: 24.5(C) Humidity: 56 %



Site #1 3m Anechoic Chamber Polarization: Vertical

Limit: FCC Part 15C RE\_3m Power: DC 3V

									A - /
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	45.0583	6.57	13.59	20.16	40.00	-19.84	QP	Р	
2	121.9753	8.45	11.71	20.16	43.50	-23.34	QP	Р	
3	163.7547	9.00	13.01	22.01	43.50	-21.49	QP	Р	
4	334.8586	7.66	14.40	22.06	46.00	-23.94	QP	Р	
5	440.1961	8.13	17.03	25.16	46.00	-20.84	QP	Р	
6 *	603.5389	7.61	20.84	28.45	46.00	-17.55	QP	Р	





#### Above 1GHz (PK value)

Frequency PK Value (MHz)	Read Level PK (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level PK (dBuV/m)	Limit Line PK (dBuV/m)	Over Limit (dB)	Polarization
1370.00	36.12	25.66	4.59	33.39	32.98	74.00	-41.02	Vertical
2355.00	35.63	27.69	5.34	34.05	34.61	74.00	-39.39	Vertical
3415.00	35.87	28.67	6.80	32.85	38.49	74.00	-35.51	Vertical
4150.00	31.26	30.06	8.01	32.01	37.32	74.00	-36.68	Vertical
4695.00	32.49	31.65	8.51	32.03	40.62	74.00	-33.38	Vertical
5645.00	30.71	32.36	9.72	32.35	40.44	74.00	-33.56	Vertical
1430.00	35.08	25.42	4.64	33.47	31.67	74.00	-42.33	Horizontal
2410.00	34.56	27.57	5.40	33.99	33.54	74.00	-40.46	Horizontal
3395.00	36.34	28.60	6.76	32.87	38.83	74.00	-35.17	Horizontal
4115.00	30.95	29.95	7.97	32.05	36.82	74.00	-37.18	Horizontal
4635.00	31.60	31.57	8.46	32.01	39.62	74.00	-34.38	Horizontal
5590.00	29.28	32.22	9.63	32.38	38.75	74.00	-35.25	Horizontal

#### Note:

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





## 5.4. Manually Activated Transmitter

#### 5.4.1. Test Specification

	/ 4)		
Test Requirement:	FCC Part15 C Section 15.231(a)(1)		
Test Method:	ANSI C63.10: 2013		
Limit:	According to 15.231(a), A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.		
Test Procedure:	<ol> <li>According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Use the following spectrum analyzer settings.         VBW = 1MHz, VBW ≥ RBW;         Span = 0; Sweep Time &gt;T(on)+5s;         Detector function = peak;</li> <li>Measure and record the results in the test report.</li> </ol>		
Test setup:	Spectrum Analyzer EUT		
Test Mode:	Refer to Item 3.1		
Test results:	PASS (C)		

#### 5.4.2. Test Instruments

RF Test Room				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	R&S	FSU	200054	Jul. 18, 2022



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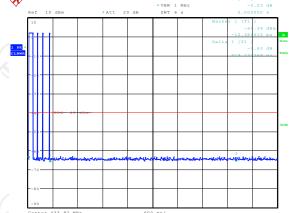
#### 5.4.3. Test data

Test Channel (MHz)	Manually Activated Transmitter (s)	Limit (s)	Conclusion
315	0.51	5	PASS
433.92	0.52	5	PASS

#### Test plots as follows:



# Date: 16.JUL.2022 13:52:32 433.92MHz RAW 1 MHz +Vaw 1 MHz +O.23 dB Ref 10 dBm +Att 20 dB Ref 20 dB Market 1 [T1] -6.39 dBm -10.1846 415 ms



Date: 16.JUL.2022 13:55:56



## 5.5. Occupied Bandwidth

### 5.5.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.231C		
Test Method:	ANSI C63.10: 2013		
Limit:	According to 15.231(c), The bandwidth of the emission shall be no wider than 0.25% of the centre frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the centre frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.		
Test Procedure:	<ol> <li>According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Use the following spectrum analyzer settings for 20dB Bandwidth measurement.         Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel; RBW ≥ 1% of the 20 dB bandwidth; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold.     </li> <li>Measure and record the results in the test report.</li> </ol>		
Test setup:	Spectrum Analyzer EUT		
Test Mode:	Refer to Item 3.1		
Test results:	PASS		

# 5.5.2. Test Instruments

RF Test Room					
Equipment	Manufacturer	Model	Serial Number	Calibration Due	
Spectrum Analyzer	R&S	FSU	200054	Jul. 18, 2022	



5.5.3. Test data

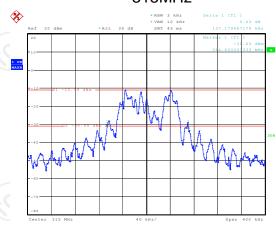
Report No.: TCT220506E004

Test Channel (MHz)	20dB Occupy Bandwidth (kHz)	Limit (kHz)	Conclusion
315	137.18	787.50	PASS
433.92	161.86	1084.80	PASS

**Note:** Limit = 315MHz \*0.25% = 787.50 kHz, Limit = 433.92MHz \*0.25% = 1084.80 kHz

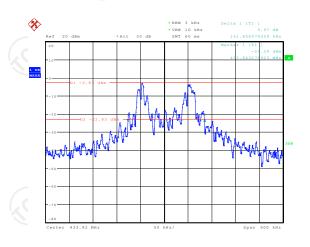
#### Test plots as follows:





Date: 16.JUL.2022 16:22:59

## 433.92MHz

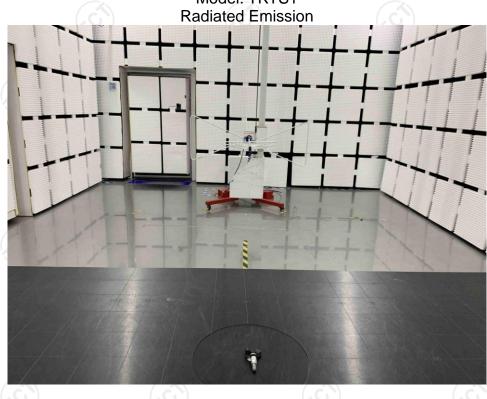


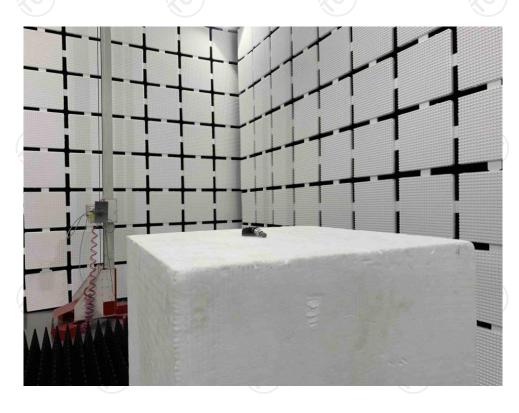
Date: 16.JUL.2022 16:15:12



# Appendix A: Photographs of Test Setup Product: THINKTPMS S1

Model: TKTS1







Appendix B: Photographs of EUT
Product: THINKTPMS S1
Model: TKTS1
External Photos





TCT通测检测
TESTING CENTRE TECHNOLOGY

Report No.: TCT220506E004





# TCT通测检测 TESTING CENTRE TECHNOLOGY

Report No.: TCT220506E004





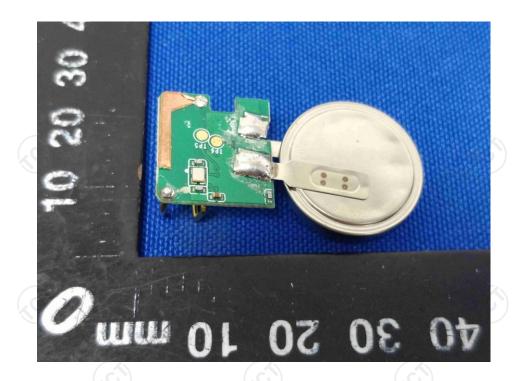


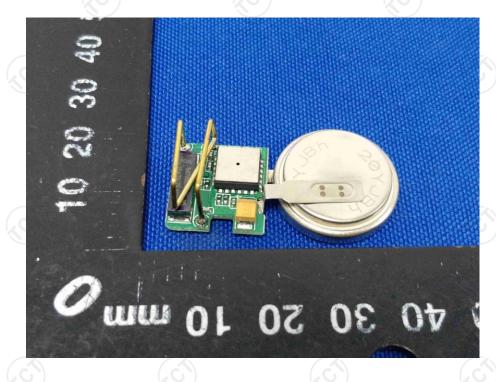
Product: THINKTPMS S1 Model: TKTS1 Internal Photos





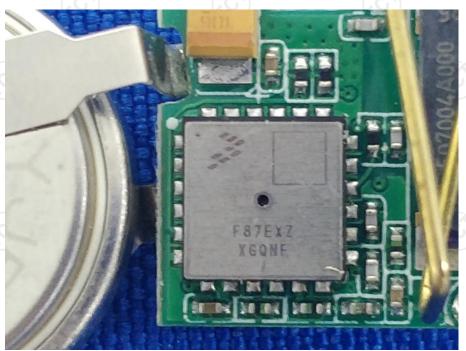












\*\*\*\*\*END OF REPORT\*\*\*\*