GTS Global United Technology Services Co., Ltd.

Report No.: GTS2024090135F01

## **TEST REPORT**

Applicant:	ShenZhen FLYSKY Technology Co.,Ltd
Address of Applicant:	16F, Huafeng Building, No. 6006 Shennan Road, Futian District, Shenzhen, Guangdong, China
Manufacturer:	ShenZhen FLYSKY Technology Co.,Ltd
Address of Manufacturer:	16F, Huafeng Building, No. 6006 Shennan Road, Futian District, Shenzhen, Guangdong, China
Factory:	Dongguan Flysky RC Model technology Co.,Ltd
Address of Factory:	West building 3, HuangjinyuanInd Park, Qiaoli North Gate, Changping Town, Dongguan, China
Equipment Under Test (E	EUT)
Product Name:	3-Channel Receiver
Model No.:	GMr-C3
Trade Mark:	FLYSKY
FCC ID:	2A2UNGMR-C300
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Date of sample receipt:	September 12, 2024
Date of Test:	September 13-27, 2024
Date of report issued:	September 27, 2024
Test Result :	PASS *

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Laboratory Manager

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#### 2 Version

Version No.	Date	Description
00	September 27, 2024	Original
	<b>F</b>	

**Prepared By:** 

hantly

Date:

Date:

September 27, 2024

Project Engineer

oppinson (un)

Reviewer

September 27, 2024

Check By:



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## 4 Test Summary

Test Item	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)(iii)	Pass
Dwell Time	15.247 (a)(1)(iii)	Pass
Radiated Emission	15.205/15.209	Pass
Band Edge	15.247(d)	Pass

Pass: The EUT complies with the essential requirements in the standard. Remark: Test according to ANSI C63.10:2013 .

### 4.1 Measurement Uncertainty

No.	Item	Measurement Uncertainty				
1	Radio Frequency	±7.25×10 <sup>-8</sup>				
2	Duty cycle	±0.37%				
3	Occupied Bandwidth	±3%				
4	RF conducted power	±0.75dB				
5	RF power density	±3dB				
6	Conducted Spurious emissions	±2.58dB				
7	AC Power Line Conducted Emission	ssion ±3.44dB (0.15MHz ~ 30MHz)				
		±3.1dB (9kHz-30MHz)				
	Radiated Spurious emission test	±3.8039dB (30MHz-200MHz)				
8		±3.9679dB (200MHz-1GHz)				
		±4.29dB (1GHz-18GHz)				
		±3.30dB (18GHz-40GHz)				
9	Temperature test	±1°C				
10	Humidity test	±3%				
11	Time	±3%				

## **5** General Information

## 5.1 General Description of EUT

3-Channel Receiver				
GMr-C3				
RD1001642				
GTS2024090135-1				
Engineer sample				
2402.6MHz~2479.4MHz				
43				
FHSS				
GMSK				
Integral antenna				
-1dBi(Declared by applicant)				
DC 3.5-9V				

#### Remark:

1. Antenna gain information provided by the customer

2. The relevant information of the sample is provided by the entrusting company, and the laboratory is not responsible for its authenticity.

3. The system works in the frequency range of 2402.6MHz to 2479.4MHz. This band has been divided to 43 independent channels. Each radio system uses 32 different channels; the minimum channel separation is ≥1.26MHz. By using various switch-on times, hopping scheme and channel frequencies, the system can guarantee a jamming free radio transmission. Pre-testing all radio systems, this radio system recorded in the report is the worst mode. The channel list is below.



Operation Frequency each of channel								
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	
1	2402.6	12	2422.4	23	2442.2	34	2463.2	
2	2404.4	13	2424.2	24	2445.2	35	2465	
3	2406.2	14	2426	25	2447	36	2466.8	
4	2408	15	2427.8	26	2448.8	37	2468.6	
5	2409.8	16	2429.6	27	2450.6	38	2470.4	
6	2411.6	17	2431.4	28	2452.4	39	2472.2	
7	2413.4	18	2433.2	29	2454.2	40	2474	
8	2415.2	19	2435	30	2456	41	2475.8	
9	2417	20	2436.8	31	2457.8	42	2477.6	
10	2418.8	21	2438.6	32	2459.6	43	2479.4	
11	2420.6	22	2440.4	33	2461.4			

The test frequencies are below:

Channel	Frequency
The lowest channel	2402.6MHz
The middle channel	2440.4MHz
The Highest channel	2479.4MHz



5.2	Test mode						
	Transmitting mode	Keep the EUT in transmitting mode.					
5.3	Test Facility						
	• FCC —Registration No Designation Number: CNS Global United Technology described in a report filed from the FCC is maintaine • ISED—Registration No CAB identifier: CN0091 The 3m Semi-anechoic ch Certification and Engineer • NVLAP (LAB CODE:60	5029 / Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully with the (FCC) Federal Communications Commission. The acceptance letter ed in files. <b>b:</b> 9079A mamber of Global United Technology Services Co., Ltd. has been registered by ring Bureau of ISED for radio equipment testing. 00179-0) / Services Co., Ltd., is accredited by the National Voluntary Laboratory					
5.4	Test Location						
	All other tests were perfor	med at:					
	Global United Technology Services Co., Ltd. Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Tel: 0755-27798480 Fax: 0755-27798960						
5.5	Description of Supp	ort Units					

Manufacturer	Description	Model	Serial Number
ShenZhen FLYSKY Technology Co.,Ltd	Remote control	Noble NB4 Pro+	N/A
GW	DC POWER SUPPLY	GPR-6030D	EF924756

### 5.6 Deviation from Standards

None.

### 5.7 Abnormalities from Standard Conditions

None.

### 5.8 Additional Instructions

Software (Used for test) from client

Built-in by manufacturer, power set default.



## 6 Test Instruments list

Radia	Radiated Emission:							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)		
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	Jun. 22, 2024	Jun. 21, 2027		
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A		
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	Apr. 11, 2024	Apr. 10, 2025		
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Mar. 19, 2023	Mar. 18, 2025		
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 17, 2023	Apr. 16, 2025		
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		
7	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	Apr. 11, 2024	Apr. 10, 2025		
8	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov. 13, 2023	Nov.12, 2024		
9	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	Apr. 11, 2024	Apr. 10, 2025		
10	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 11, 2024	Apr. 10, 2025		
11	Horn Antenna (18- 26.5GHz)	/	UG-598A/U	GTS664	Oct. 29, 2023	Oct. 28, 2024		
12	Horn Antenna (26.5-40GHz)	A.H Systems	SAS-573	GTS665	Oct. 29, 2023	Oct. 28, 2024		
13	FSV·Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	Mar. 12, 2024	Mar. 11, 2025		
14	Amplifier	/	LNA-1000-30S	GTS650	Apr. 11, 2024	Apr. 10, 2025		
15	CDNE M2+M3-16A	НСТ	30MHz-300MHz	GTS692	Nov. 08, 2023	Nov. 07, 2024		
16	Wideband Amplifier	1	WDA-01004000-15P35	GTS602	Apr. 11, 2024	Apr. 10, 2025		
17	Thermo meter	JINCHUANG	GSP-8A	GTS643	Apr. 18, 2024	Apr. 17, 2025		
18	RE cable 1	GTS	N/A	GTS675	Jul. 02, 2024	Jul. 01, 2025		
19	RE cable 2	GTS	N/A	GTS676	Jul. 02, 2024	Jul. 01, 2025		
20	RE cable 3	GTS	N/A	GTS677	Jul. 02, 2024	Jul. 01, 2025		
21	RE cable 4	GTS	N/A	GTS678	Jul. 02, 2024	Jul. 01, 2025		
22	RE cable 5	GTS	N/A	GTS679	Jul. 02, 2024	Jul. 01, 2025		
23	RE cable 6	GTS	N/A	GTS680	Jul. 02, 2024	Jul. 01, 2025		
24	RE cable 7	GTS	N/A	GTS681	Jul. 05, 2024	Jul. 04, 2025		
25	RE cable 8	GTS	N/A	GTS682	Jul. 05, 2024	Jul. 04, 2025		



Cond	Conducted Emission							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)		
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	Jul. 12, 2022	Jul. 11, 2027		
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 11, 2024	Apr. 10, 2025		
3	LISN	ROHDE & SCHWARZ	ENV216	GTS226	Apr. 11, 2024	Apr. 10, 2025		
4	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A		
5	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		
6	Thermo meter	JINCHUANG	GSP-8A	GTS642	Apr. 18, 2024	Apr. 17, 2025		
7	Absorbing clamp	Elektronik- Feinmechanik	MDS21	GTS229	Apr. 11, 2024	Apr. 10, 2025		
8	ISN	SCHWARZBECK	NTFM 8158	GTS565	Apr. 11, 2024	Apr. 10, 2025		
9	High voltage probe	SCHWARZBECK	TK9420	GTS537	Apr. 11, 2024	Apr. 10, 2025		
10	Antenna end assembly	Weinschel	1870A	GTS560	Apr. 11, 2024	Apr. 10, 2025		

RF Conducted Test:						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	Apr. 13, 2024	Apr. 12, 2025
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 13, 2024	Apr. 12, 2025
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	Apr. 13, 2024	Apr. 12, 2025
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	Apr. 13, 2024	Apr. 12, 2025
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	Apr. 13, 2024	Apr. 12, 2025
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	Apr. 13, 2024	Apr. 12, 2025
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	Apr. 13, 2024	Apr. 12, 2025
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 13, 2024	Apr. 12, 2025
9	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 18, 2024	Apr. 17, 2025
10	EXA Signal Analyzer	Keysight	N9010B	MY60241168	Nov. 03, 2023	Nov. 02, 2024

General used equipment:							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	Barometer	KUMAO	SF132	GTS647	Apr. 18, 2024	Apr. 17, 2025	



## 7 Test results and Measurement Data

## 7.1 Antenna requirement

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

### **EUT Antenna:**

The antenna is integral antenna, reference to the appendix II for details.

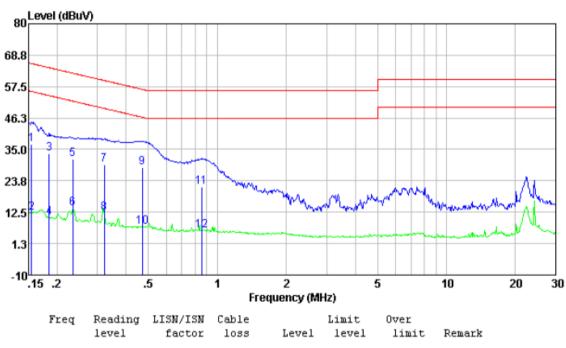
## 7.2 Conducted Emissions

	7.2 Conducted Emissions				
	Test Requirement:	FCC Part15 C Section 15.207			
	Test Method:	ANSI C63.10:2013			
	Test Frequency Range:	150KHz to 30MHz			
	Receiver setup:	RBW=9KHz, VBW=30KHz, Sv	weep time=auto		
	Limit:	Frequency range (MHz)		(dBuV)	
			Quasi-peak	Average	
		0.15-0.5 0.5-5	66 to 56*	56 to 46*	
		5-30	<u>56</u> 60	46 50	
		* Decreases with the logarithm			
	Test setup:	Reference Plane			
111111111111111111111111111		40cm LISN AUX Equipment Test table/Insulation plane EMI Receiver			
1	Test procedure:	Remark: E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a			
		line impedance stabilizatior 50ohm/50uH coupling impe			
817111010		2. 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).			
01212100		3. 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 C63.10:2013 on conducted measurement.			
	Test Instruments:	Refer to section 6.0 for details			
	Test mode:	Refer to section 5.2 for details			
	Test environment:	Temp.: 25 °C Hum	nid.: 52%	Press.: 1012mbar	
3	Test voltage:	AC 120V, 60Hz			
	Test results:	Pass			
L					



#### Measurement data:

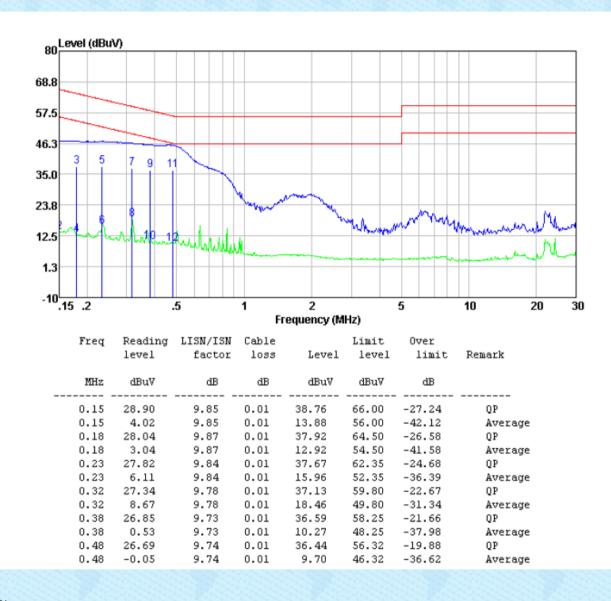
Pre-scan all test modes, found worst case at 2402.6MHz, and so only show the test result of it Line:



MHz	dBuV	dB	dB	dBu∛	dBuV	dB	
0.15	26.89	10.01	0.01	36.91	65.74	-28.83	QP
0.15	2.33	10.01	0.01	12.35	55.74	-43.39	Average
0.18	23.63	9.71	0.01	33.35	64.28	-30.93	QP
0.18	0.93	9.71	0.01	10.65	54.28	-43.63	Average
0.23	21.90	9.58	0.01	31.49	62.30	-30.81	QP
0.23	4.17	9.58	0.01	13.76	52.30	-38.54	Average
0.32	19.73	9.64	0.01	29.38	59.66	-30.28	QP
0.32	2.59	9.64	0.01	12.24	49.66	-37.42	Average
0.47	18.62	9.80	0.01	28.43	56.49	-28.06	QP
0.47	-2.53	9.80	0.01	7.28	46.49	-39.21	Average
0.85	11.80	9.73	0.03	21.56	56.00	-34.44	QP
0.85	-3.79	9.73	0.03	5.97	46.00	-40.03	Average

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#### Neutral:



Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss



Test Requirement:	FCC Part15 C Section 15.247(a)(1)		
Test Method:	ANSI C63.10:2013		
Limit:	20.97dBm		
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
Test Instruments:	Refer to section 6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		

### 7.3 Conducted Peak Output Power



Test Requirement:	FCC Part15 C Section 15.247 (a)(1)		
Test Method:	ANSI C63.10:2013		
Limit:	N/A		
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
Test Instruments:	Refer to section 6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		

### 7.4 20dB Emission Bandwidth



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Test Requirement:	FCC Part15 C Section 15.247 (a)(1)		
Test Method:	ANSI C63.10:2013		
Receiver setup:	RBW=300KHz, VBW=300KHz, detector=Peak		
Limit:	0.025MHz or 2/3 of the 20dB bandwidth (whichever is greater)		
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
Test Instruments:	Refer to section 6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		

## 7.5 Carrier Frequencies Separation



Test Requirement:	FCC Part15 C Section 15.247 (a)(1)(iii)		
Test Method:	ANSI C63.10:2013		
Receiver setup:	RBW=300kHz, VBW=300kHz, Frequency range=2400MHz-2483.5MHz, Detector=Peak		
Limit:	15 channels		
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
Test Instruments:	Refer to section 6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		

## 7.6 Hopping Channel Number

### 7.7 Dwell Time

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)(iii)		
Test Method:	ANSI C63.10:2013		
Receiver setup:	RBW=300KHz, VBW=300KHz, Span=0Hz, Detector=Peak		
Limit:	0.4 Second		
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
Test Instruments:	Refer to section 6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		



## 7.8 Spurious Emission in Non-restricted & restricted Bands

### 7.8.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)		
Test Method:	ANSI C63.10:2013		
Receiver setup:	RBW=100kHz, VBW=300kHz, Detector=Peak		
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.		
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
Test Instruments:	Refer to section6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		



	7.8.2	Radiated	Emission	Method
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Test Requirement:	FCC Part15 C Section 15.209 and 15.205							
Test Method:	ANSI C63.10:2013							
Test Frequency Range:	9kHz to 25GHz							
Test site:	Measurement Distance: 3m							
Receiver setup:	Frequency Detector RBW VBW					Value		
	9KHz-150KHz	Iz Quasi-peak		200Hz		600H:	z	Quasi-peak
	150KHz-30MHz Quasi-peak		9KH	KHz 30		z	Quasi-peak	
	30MHz-1GHz	30MHz-1GHz Quasi-peak 120		120K	Hz	Hz 300KHz		Quasi-peak
	Above 1GHz		Peak	1MH	Ηz	3MHz	z	Peak
			Peak	1MF		10Hz		Average
	Note: For Duty cy cycle < 98%							
Limit: (Spurious Emissions)	Frequency	Limit (u'		//m)	Value		Measurement Distance	
	0.009MHz-0.490MHz		2400/F(K	(KHz)		QP	300m	
	0.490MHz-1.705MHz		24000/F(I	24000/F(KHz)		QP		30m
	1.705MHz-30MHz		30			QP	30m	
	30MHz-88MHz		100		QP			
	88MHz-216MHz		150			QP		
	216MHz-960MHz		200		QP		1	3m
	960MHz-1GHz 500 Above 1GHz 500				QP			
					erage			
	5000 P			Peak				
Test setup:	Below 30MHz							
	<pre></pre>							
Below 1GHz								

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	<pre></pre>							
	Above 1GHz							
	<pre></pre>							
Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8 meters for below 1GHz and 1.5meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.							
	2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.							
	<ol> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</li> </ol>							
Test Instruments:	Refer to section 5.8 for details							
Test mode: Temp. / Hum.	Refer to section 5.2 for detailsTemp.:25 °CHumid.:52%Press.:1 012mbar							
	Temp.:25 °CHumid.:52%Press.:1 012mbar							

Global United Technology Services Co., Ltd. No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960

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	Report No.: GTS2024090	135-01
Test results:	Pass	

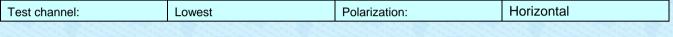
#### Remark:

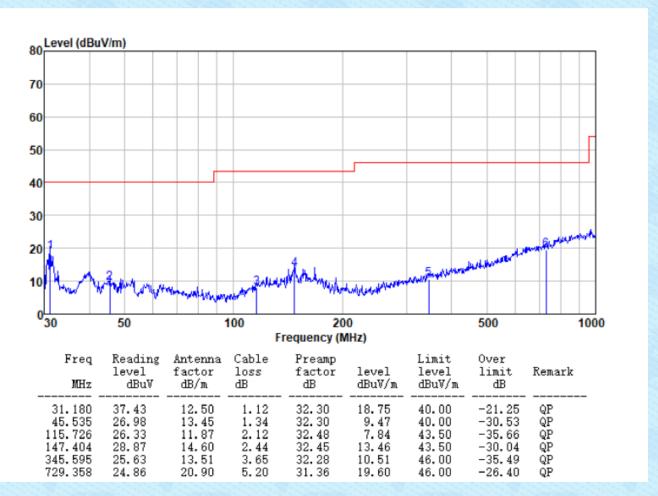
1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

#### Measurement data: Below 30MHz

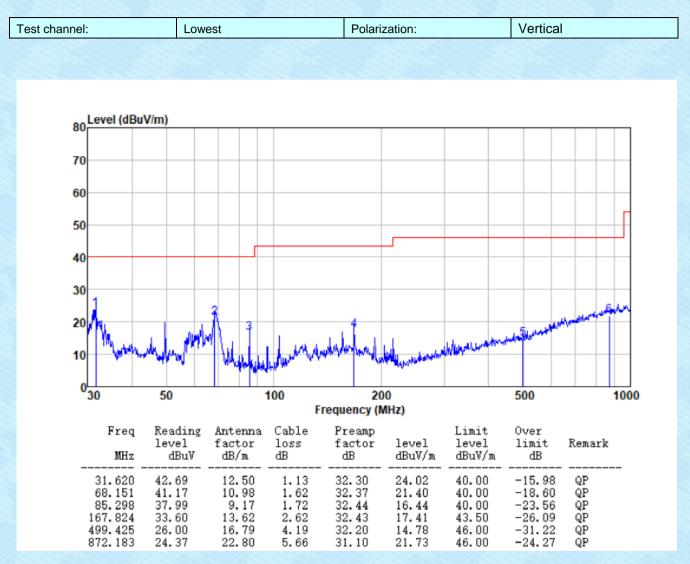
The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

#### 30MHz ~ 1GHz

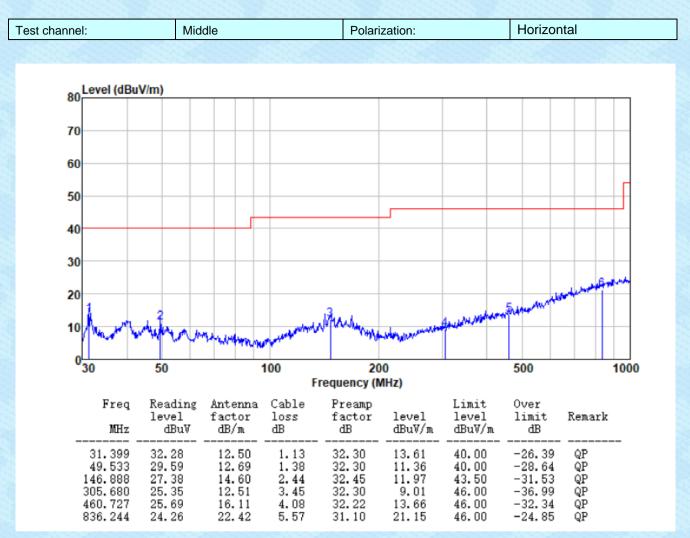




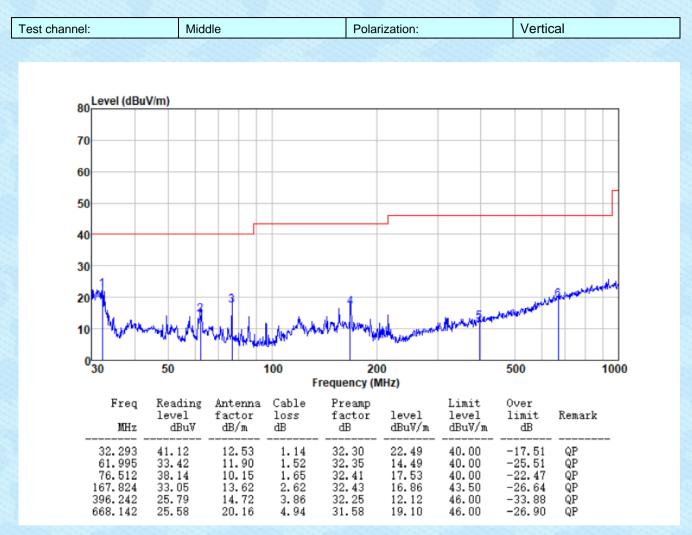
Report No.: GTS2024090135F01



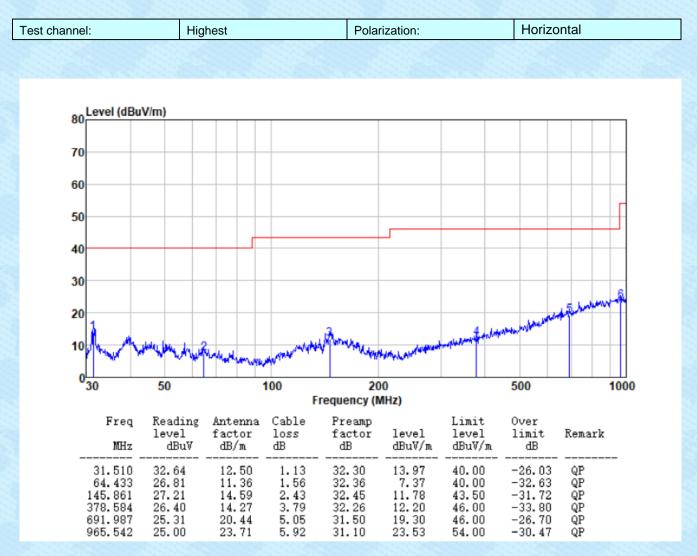
Report No.: GTS2024090135F01



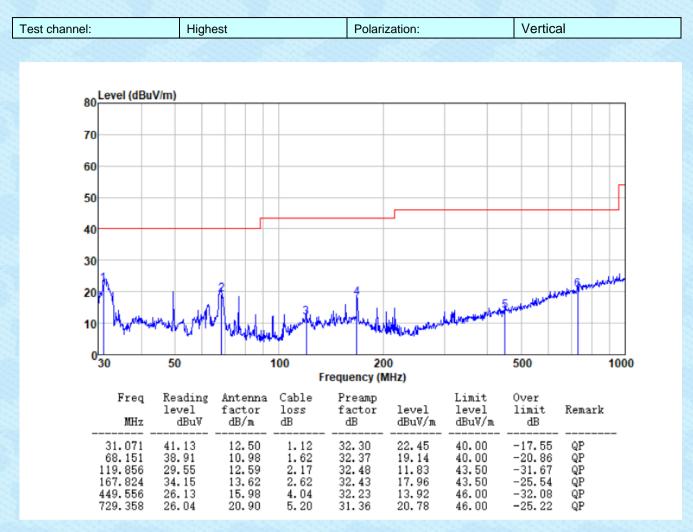
Report No.: GTS2024090135F01



Report No.: GTS2024090135F01



Report No.: GTS2024090135F01





#### Above 1GHz

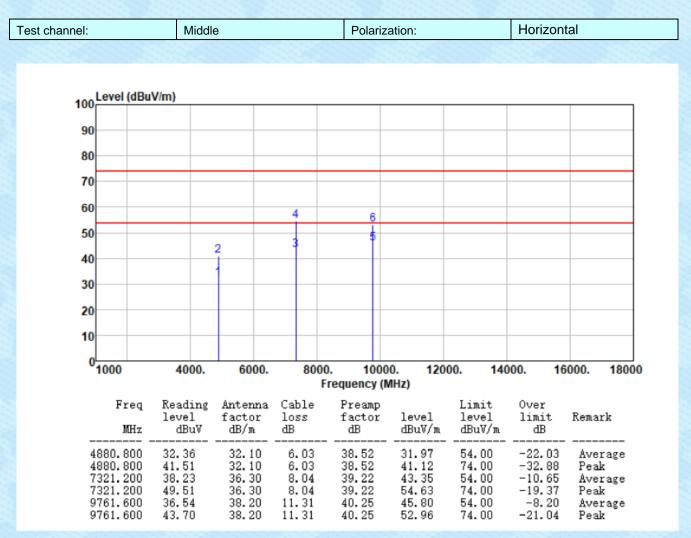
Unwanted Emissions in Non-restricted Frequency Bands							
Test channel:	Lowest		Polarization:	ŀ	Horizontal		
100 Level (dBuV/m	)						
90							
80							
70							
60		4	6				
50	2	3	-				
40	- i -						
30							
20							
10							
01000	4000. 6000.	8000.	10000. 120	00. 14000	. 16000. 18000		
Frequency (MHz)							
	eading Antenna evel factor		reamp actor level		)ver limit Remark		
MHz	dBuV dB/m		dB dBuV/m	dBu∛/m	dB		
	.43 32.01	6.01 3	8.54 35.91		-18.09 Average		
4805.200 42 7207.800 40	2.63 32.01 ).70 36.22	7.92 3	8.54 42.11 9.15 45.69		-31.89 Peak -8.31 Average		
7207.800 48	3.52 36.22 5.20 38.20	7.92 3	9.15 53.51 0.22 48.00	74.00 -	-20.49 Peak -6.00 Average		
9610.400 4	1.34 38.20		0.22 40.00		-16.86 Peak		

#### Unwanted Emissions in Non-restricted Frequency Bands

Report No.: GTS2024090135F01



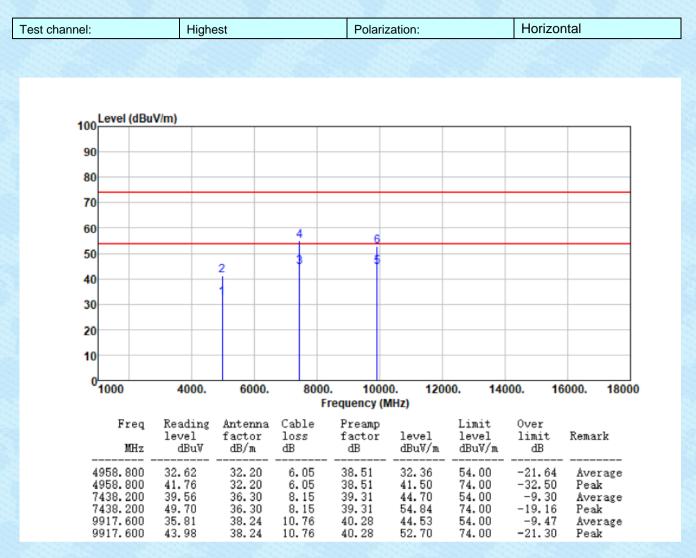
Report No.: GTS2024090135F01







Report No.: GTS2024090135F01



Report No.: GTS2024090135F01



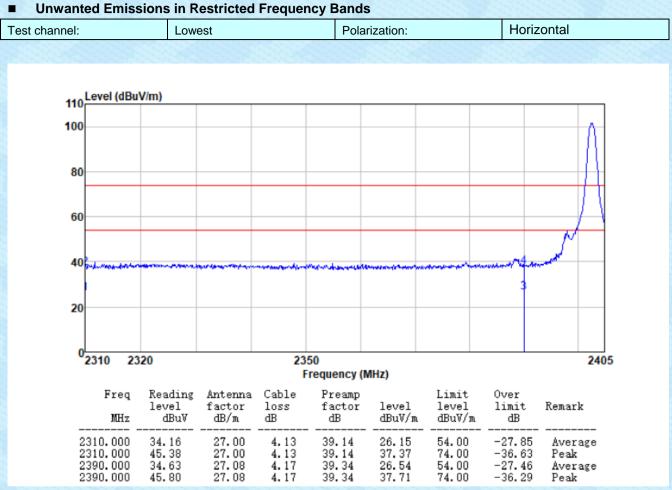
#### Remark:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

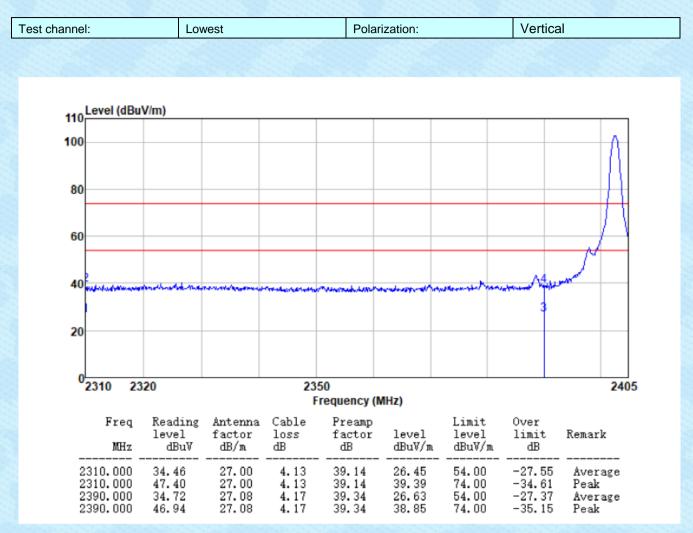
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

3. For above 18GHz, no emission found.

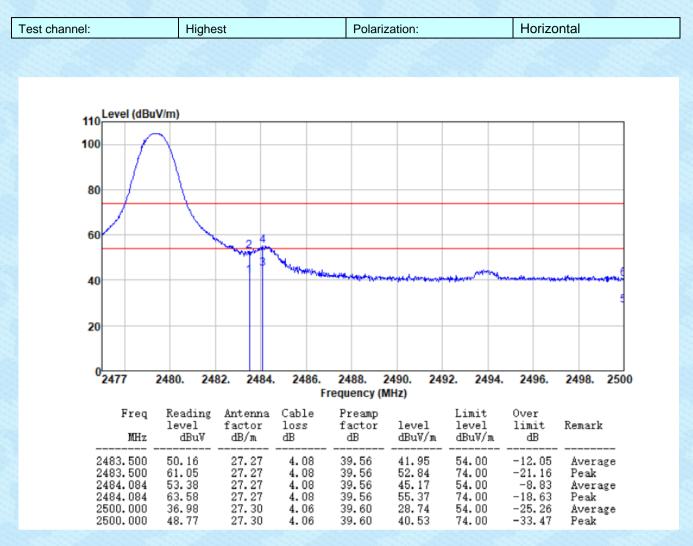
Report No.: GTS2024090135F01



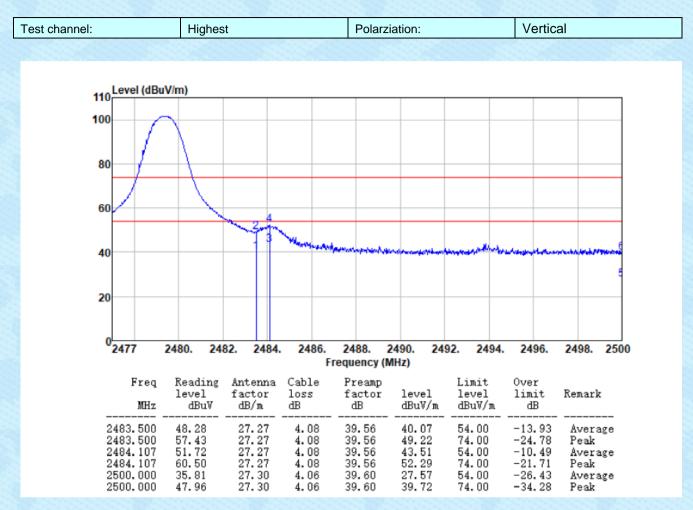
Report No.: GTS2024090135F01



Report No.: GTS2024090135F01



Report No.: GTS2024090135F01



Remarks:

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.



## 8 Test Setup Photo

Reference to the appendix I for details.

## 9 EUT Constructional Details

Reference to the appendix II for details.

----End----