GTS Global United Technology Services Co., Ltd.

Report No.: GTS2023030012F01

## **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 (B					
Product Name:	4-CHANNEL RECEIVER				
Model No.:	FS-R4D-ESC				
Trade Mark:	FLYSKY				
FCC ID:	2A2UNR4DESC				
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247				
Date of sample receipt:	March 01, 2023				
Date of Test:	March 02-21, 2023				
Date of report issued:	March 22, 2023				
Test Result :	PASS *				

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



Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver. Page 1 of 39



## 2 Version

Version No.	Date	Description
00	March 22, 2023	Original

**Prepared By:** 

hantly

Date:

March 22, 2023

March 22, 2023

Project Engineer

-

Date:

Check By:

otainson (un)

Reviewer



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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

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz-30MHz	3.1dB	(1)
Radiated Emission	30MHz-200MHz	3.8039dB	(1)
Radiated Emission	200MHz-1GHz	3.9679dB	(1)
Radiated Emission	1GHz-18GHz	4.29dB	(1)
Radiated Emission	18GHz-40GHz	3.30dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	3.44dB	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

## **5** General Information

## 5.1 General Description of EUT

Product Name:	4-CHANNEL RECEIVER
Model No.:	FS-R4D-ESC
Serial No.:	RD1001455
Hardware version:	V1.2
Software version:	V1.0.9
Test sample(s) ID:	GTS2023030012-1
Sample(s) Status	Engineer sample
Operation Frequency:	2406MHz~2472MHz
Channel numbers:	133
Modulation method:	FHSS
Modulation technology:	GMSK
Antenna Type:	Coaxial antenna
Antenna gain:	-1.11dBi
Power supply:	DC 6V~13.2V

Remark: The system works in the frequency range of 2406MHz to 2472MHz. This band has been divided to 133 independent channels. Each radio system uses 20 different channels; the minimum channel separation is ≥3MHz. 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.

#### The test frequencies are below:

Channel	Frequency		
The lowest channel	2406MHz		
The middle channel	2440MHz		
The Highest channel	2472MHz		



Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2406	36	2423.5	71	2441	106	2458.5
2	2406.5	37	2424	72	2441.5	107	2459
3	2407	38	2424.5	73	2442	108	2459.5
4	2407.5	39	2425	74	2442.5	109	2460
5	2408	40	2425.5	75	2443	110	2460.5
6	2408.5	41	2426	76	2443.5	111	2461
7	2409	42	2426.5	77	2444	112	2461.5
8	2409.5	43	2427	78	2444.5	113	2462
9	2410	44	2427.5	79	2445	114	2462.5
10	2410.5	45	2428	80	2445.5	115	2463
11	2411	46	2428.5	81	2446	116	2463.5
12	2411.5	47	2429	82	2446.5	117	2464
13	2412	48	2429.5	83	2447	118	2464.5
14	2412.5	49	2430	84	2447.5	119	2465
15	2413	50	2430.5	85	2448	120	2465.5
16	2413.5	51	2431	86	2448.5	121	2466
17	2414	52	2431.5	87	2449	122	2466.5
18	2414.5	53	2432	88	2449.5	123	2467
19	2415	54	2432.5	89	2450	124	2467.5
20	2415.5	55	2433	90	2450.5	125	2468
21	2416	56	2433.5	91	2451	126	2468.5
22	2416.5	57	2434	92	2451.5	127	2469
23	2417	58	2434.5	93	2452	128	2469.5
24	2417.5	59	2435	94	2452.5	129	2470
25	2418	60	2435.5	95	2453	130	2470.5
26	2418.5	61	2436	96	2453.5	131	2471
27	2419	62	2436.5	97	2454	132	2471.5
28	2419.5	63	2437	98	2454.5	133	2472
29	2420	64	2437.5	99	2455		
30	2420.5	65	2438	100	2455.5		
31	2421	66	2438.5	101	2456		
32	2421.5	67	2439	102	2456.5		
33	2422	68	2439.5	103	2457		
34	2422.5	69	2440	104	2457.5		
35	2423	70	2440.5	105	2458		



### 5.2 Test mode

		Transmitting mode	Keep the EUT in transmitting mode.						
		Remark: During the test, the duty cycle >98%, the test voltage is adjusted from DC6V to DC13.2V, and found that the worst case was DC13.2V. So the report just shows that condition's data.							
	5.3	Test Facility							
		• FCC —Registration Ne Designation Number: CN Global United Technology described in a report filed from the FCC is maintaine • IC —Registration No.: CAB identifier: CN0091 The 3m Semi-anechoic cl Certification and Enginee • NVLAP (LAB CODE:60	5029 v Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully with the (FCC) Federal Communications Commission. The acceptance letter ed in files. 9079A mamber of Global United Technology Services Co., Ltd. has been registered by ring Bureau of Industry Canada for radio equipment testing. 90179-0) v Services Co., Ltd., is accredited by the National Voluntary Laboratory						
	5.4	Test Location							
		All other tests were perfor	med at:						
12.20.12.10.1		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 Support Units

Manufacturer	Description	Model	Serial Number	
ShenZhen FLYSKY Technology Co.,Ltd	Remote control	G7P	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

Rad	iated Emission:					
ltem	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	July 02, 2020	July 01, 2025
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	April 22, 2022	April 21, 2023
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	March 20, 2023	March 19, 2025
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June 12, 2022	June 11, 2023
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June 23, 2022	June 22, 2023
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	April 22, 2022	April 21, 2023
9	Coaxial Cable	GTS	N/A	GTS211	April 22, 2022	April 21, 2023
10	Coaxial cable	GTS	N/A	GTS210	April 22, 2022	April 21, 2023
11	Coaxial Cable	GTS	N/A	GTS212	April 22, 2022	April 21, 2023
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	April 22, 2022	April 21, 2023
13	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June 23, 2022	June 22, 2023
14	Band filter	Amindeon	82346	GTS219	June 23, 2022	June 22, 2023
15	Power Meter	Anritsu	ML2495A	GTS540	June 23, 2022	June 22, 2023
16	Power Sensor	Anritsu	MA2411B	GTS541	June 23, 2022	June 22, 2023
17	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	April 22, 2022	April 21, 2023
18	Splitter	Agilent	11636B	GTS237	June 23, 2022	June 22, 2023
19	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov. 29, 2022	Nov. 28, 2023
20	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	April 22, 2022	April 21, 2023
21	Breitband hornantenna	SCHWARZBECK	BBHA 9170	GTS579	Oct. 16, 2022	Oct. 15, 2023
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 16, 2022	Oct. 15, 2023
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 16, 2022	Oct. 15, 2023
24 PSA Series Spectrum Analyzer Rohde & Schwarz		FSP	GTS578	June 23, 2022	June 22, 2023	
25	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	April 22, 2022	April 21, 2023



RF C	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	April 22, 2022	April 21, 2023		
2	EMI Test Receiver	R&S	ESCI 7	GTS552	April 22, 2022	April 21, 2023		
3	Spectrum Analyzer	Agilent	E4440A	GTS536	April 22, 2022	April 21, 2023		
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	April 22, 2022	April 21, 2023		
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	April 22, 2022	April 21, 2023		
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	April 22, 2022	April 21, 2023		
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	April 22, 2022	April 21, 2023		
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	April 22, 2022	April 21, 2023		

General used equipment:							
ltem	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	Humidity/ Temperature Indicator	KTJ	TA328	GTS243	April 25, 2022	April 24, 2023	
2	Barometer	KUMAO	SF132	GTS647	July 26, 2022	July 25, 2023	



## 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 Coaxial antenna, reference to the appendix II for details.

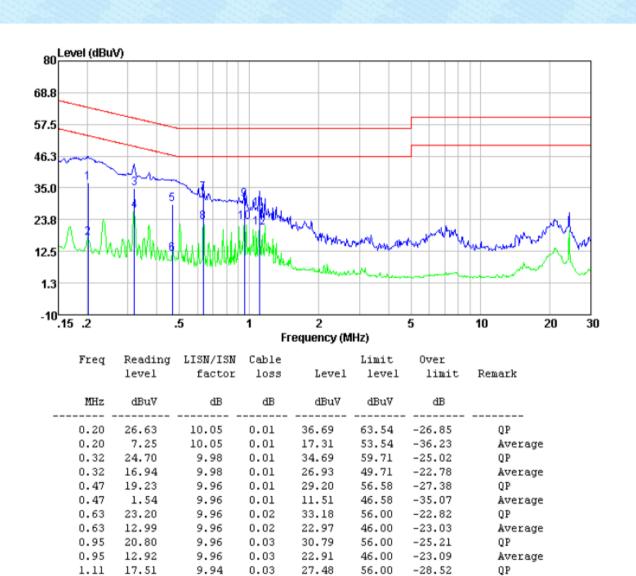
### 7.2 Conducted Emissions

	Conducted Limssions						
	Test Requirement:	FCC Part15 C Section 15.207					
	Test Method:	ANSI C63.10:2013					
	Test Frequency Range:	150KHz to 30MHz					
	Class / Severity:	Class B					
	Receiver setup:	RBW=9KH	z, VBW=30K	Hz, Sweep ti	me=auto		
	Limit:		Limit (dBuV)				
		Frequency range (MHz)		lz) Qı	uasi-peak	and and a start	rage
2			0.15-0.5		66 to 56*	56 to	o 46*
			0.5-5		56	4	6
			5-30		60	5	0
		* Decrease	s with the log	arithm of the	frequency.		
	Test setup:		Reference	e Plane		_	
		<ul> <li>AUX Filter AC power</li> <li>AUX Filter AC power</li> <li>Filter AC power</li> <li>Filter AC power</li> <li>Filter AC power</li> <li>Fernark</li> <li>Fernark</li> <li>Fernark</li> <li>Fernark</li> <li>Filter Faupoment Under Test</li> <li>LISN Line Impedence Stabilization Network</li> <li>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 500hm/50uH coupling impedance for the measuring equipment.</li> <li>The peripheral devices are also connected to the main power through a LISN that provides a 500hm/50uH coupling impedance with 500hm termination. (Please refer to the block diagram of the test setup and photographs).</li> <li>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.</li> </ul>					
	Test procedure:						
	Test Instruments:	Refer to se	ction 6.0 for c	letails			
	Test mode:	Refer to section 5.2 for details					
	Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
	Test results:	Pass					
a the the		1. 26 M. M. M. M. M.	the second second	1. Martin 1. Mar	and the second	1. The A. A. C. C. C.	In the second second

#### Measurement data

GTS

Line:



46.00

-25.27

9.94

0.03

20.73

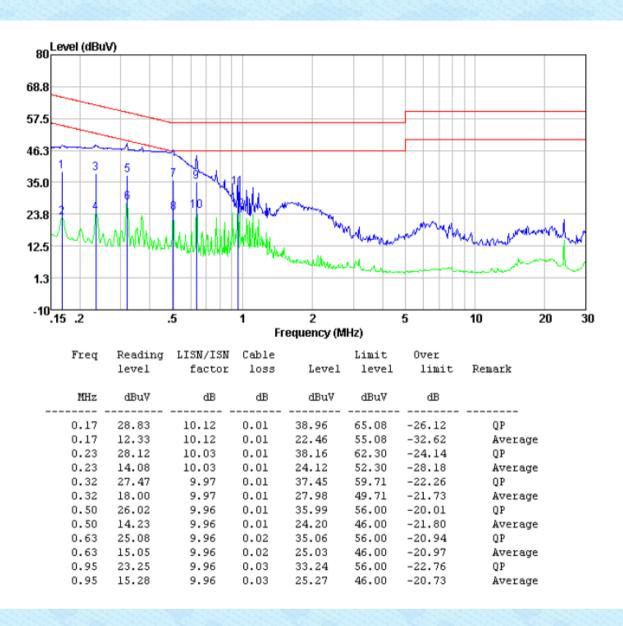
10.76

1.11

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
- 4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.



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



Test Requirement:	FCC Part15 C Section 15.247 (a)(1)			
Test Method:	ANSI C63.10:2013			
Receiver setup:	RBW=100KHz, 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=100kHz, 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=1MHz, VBW=1MHz, 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

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	D	etector	RBW		VBW	Value	
	9KHz-150KHz	Qu	asi-peak	200Hz		600Hz	z Quasi-peak	
	150KHz-30MHz	Qu	asi-peak	9KHz		30KH2	z Quasi-peak	
	30MHz-1GHz	Qu	asi-peak	120K	Hz	300KH	z Quasi-peak	
	Above 1GHz		Peak	1MH	Ηz	3MHz	Peak	
	Above IGHZ		Peak	1MH	Ηz	10Hz	Average	
Limit: (Spurious Emissions)	Frequency		Limit (uV	//m)	V	/alue	Measurement Distance	
	0.009MHz-0.490M	IHz	2400/F(K	/F(KHz)		QP	300m	
	0.490MHz-1.705M	IHz	24000/F(I	00/F(KHz)		QP	300m	
	1.705MHz-30MH	lz	30		QP		30m	
	30MHz-88MHz		100		QP			
	88MHz-216MHz		150		QP			
	216MHz-960MHz		200			QP	3m	
	960MHz-1GHz		500			QP		
	Above 1GHz		500		Av	verage		
	Above IGHZ		5000		F	Peak		
Test setup:	Below 30MHz							
	Below 1GHz							

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	$ \begin{array}{c}                                     $			
	Above 1GHz			
	<pre></pre>			
Test Procedure:	Receivered on the tan of a rotating table (0.0 meters for			
	<ol> <li>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.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <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:	Refer to section 5.2 for details			
Temp. / Hum.	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.: GTS2023030012F01
Test results:	Pass

#### Remark:

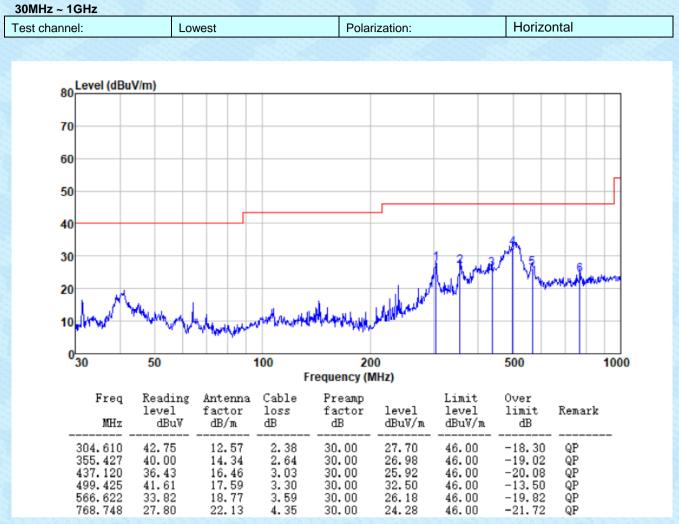
1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

#### Measurement data:

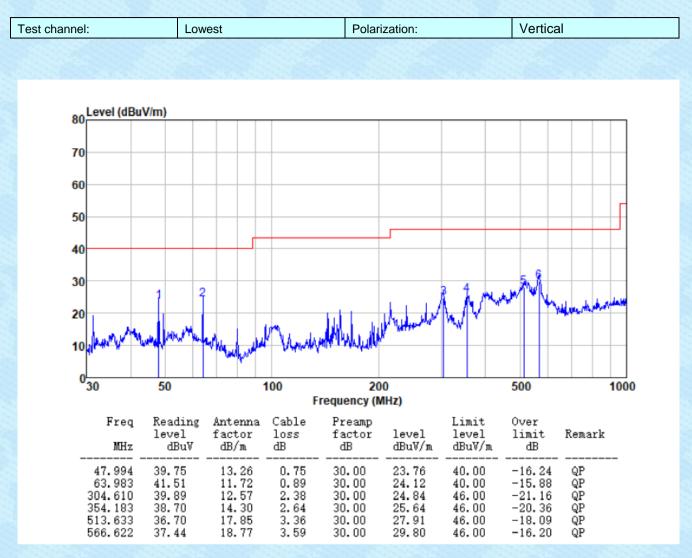
#### Below 30MHz

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.

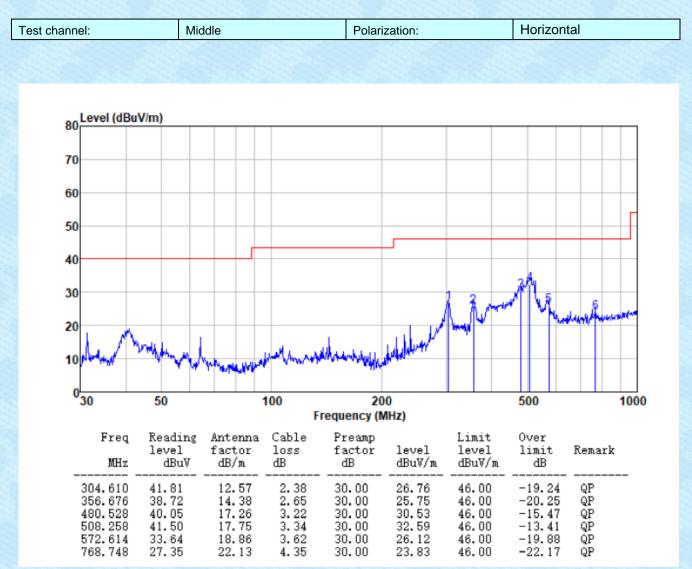
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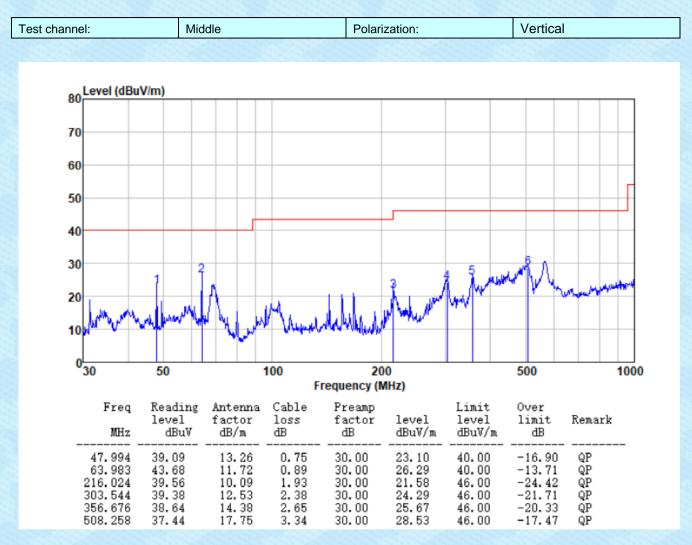
Report No.: GTS2023030012F01



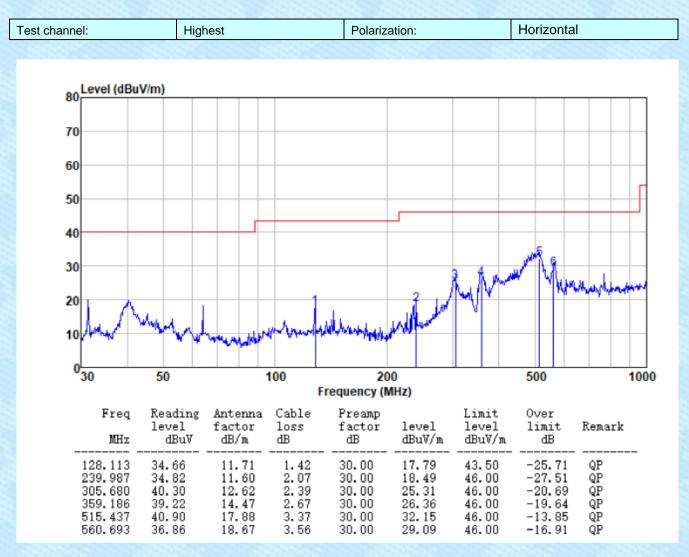
Report No.: GTS2023030012F01



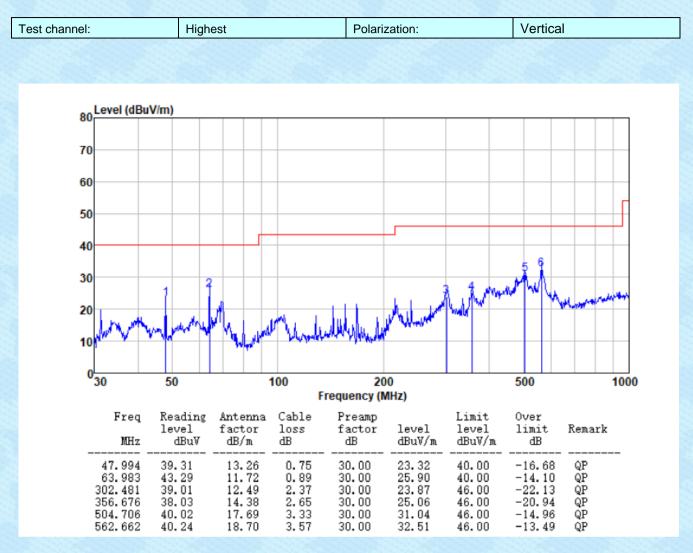
Report No.: GTS2023030012F01



Report No.: GTS2023030012F01



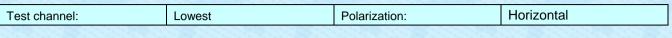
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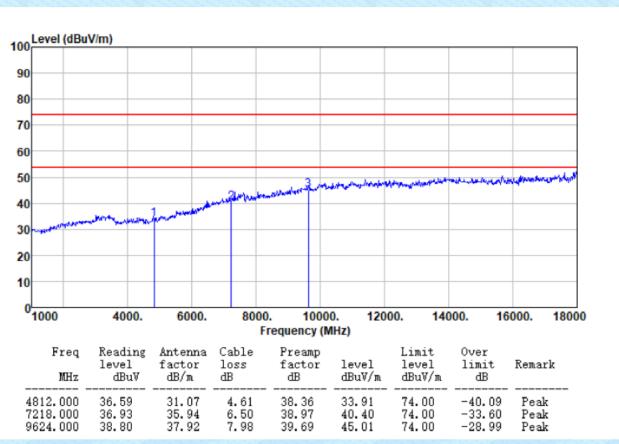




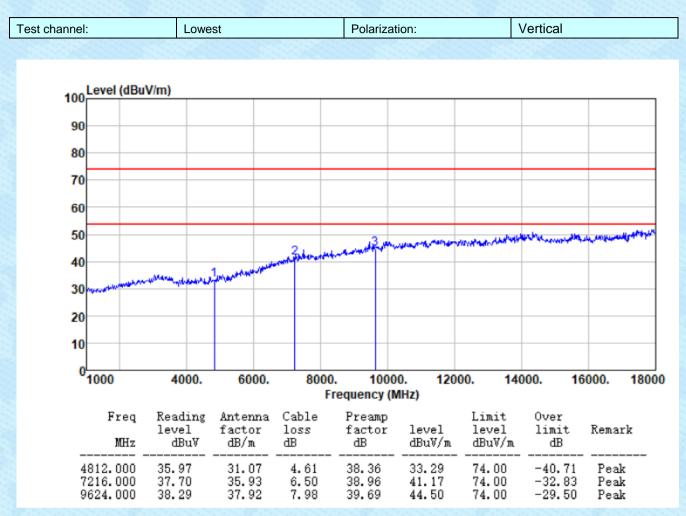
#### Unwanted Emissions in Restricted Frequency Bands

#### Above 1GHz

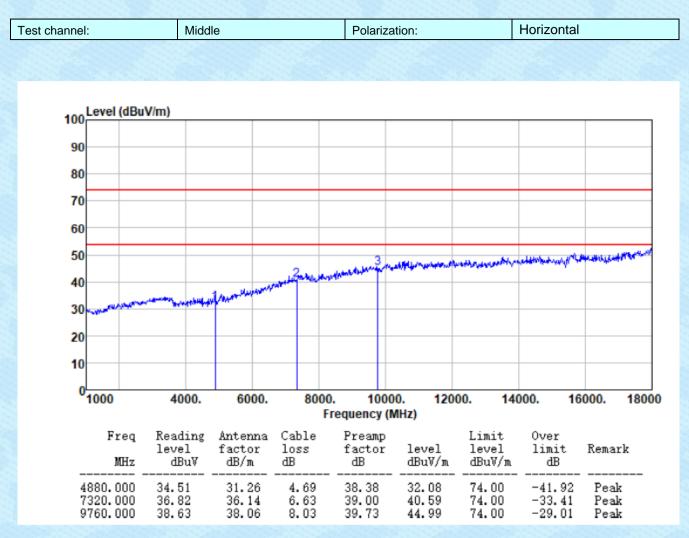




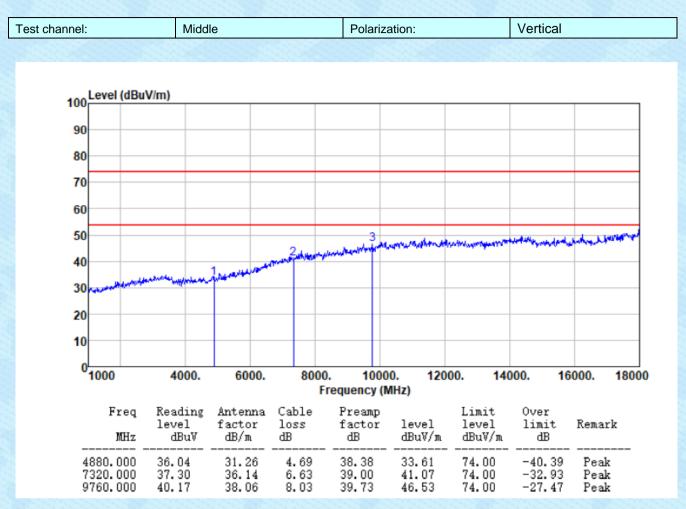
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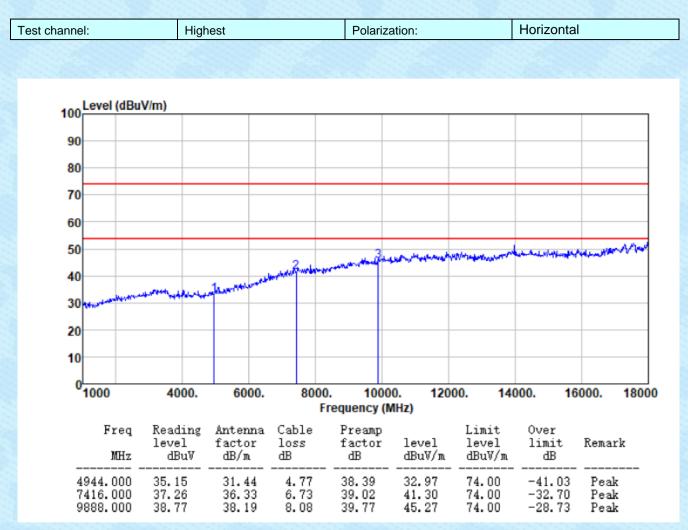
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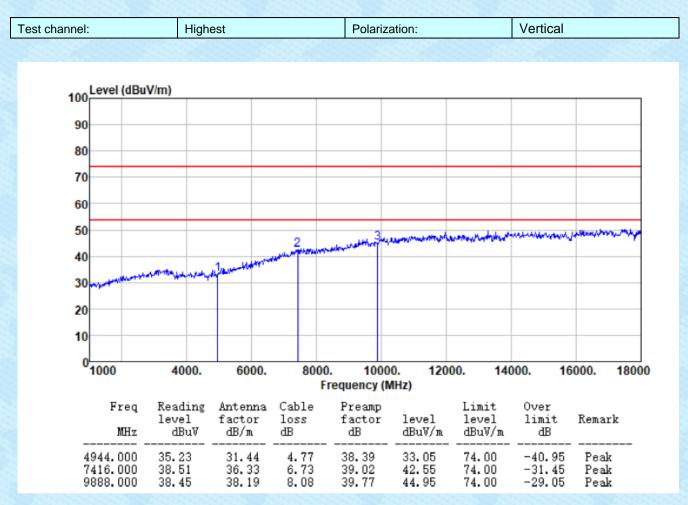
Report No.: GTS2023030012F01



Report No.: GTS2023030012F01



Report No.: GTS2023030012F01

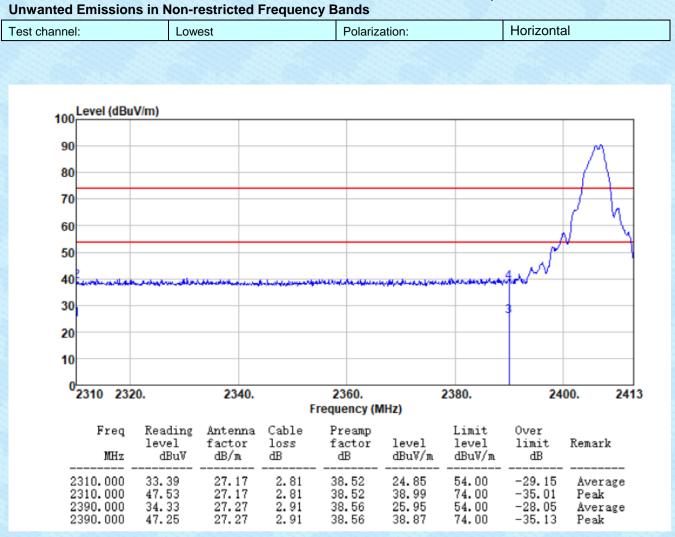


Remark:

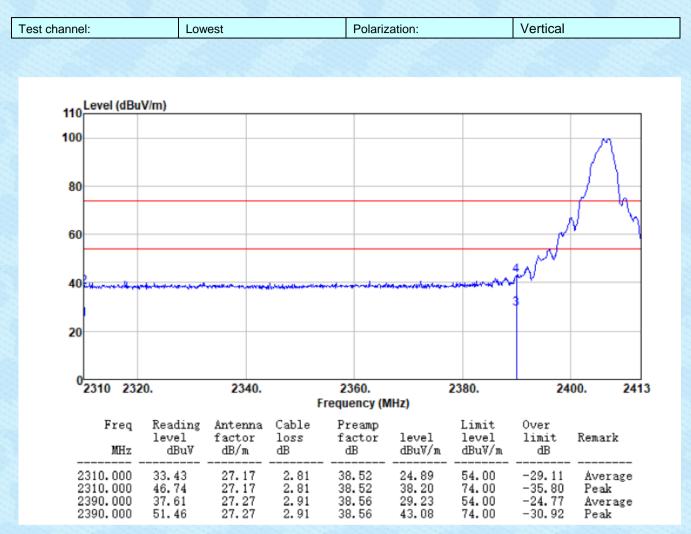
- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "\*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 4. For above 18GHz, no emission found.



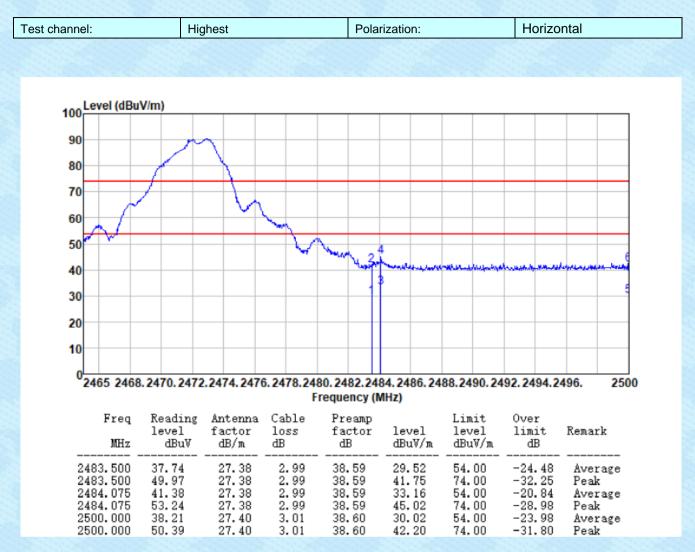
Report No.: GTS2023030012F01



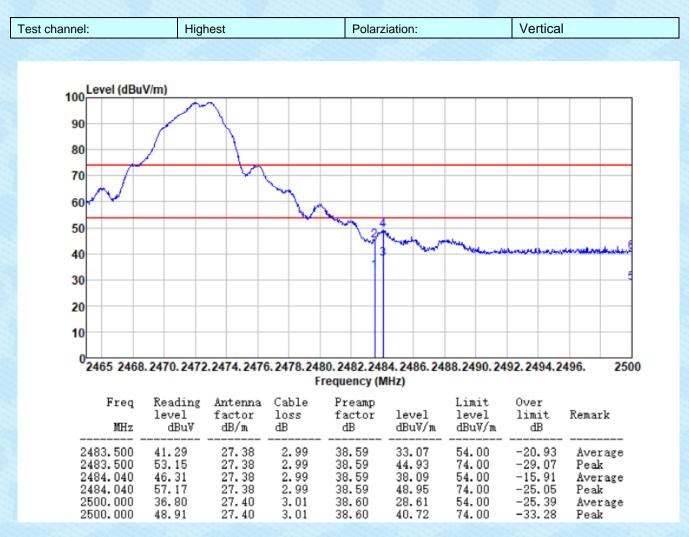
Report No.: GTS2023030012F01



Report No.: GTS2023030012F01



Report No.: GTS2023030012F01



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----