GTS Global United Technology Services Co., Ltd.

Report No.: GTS2023050196F01

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: Factory:	16F, Huafeng Building, No. 6006 Shennan Road, Futian District, Shenzhen, Guangdong, China				
	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 (F					
Product Name:	Digital Proprotional Radio Control System				
Model No.:	FMS-R3A1				
Trade Mark:	FLYSKY				
FCC ID:	2A2UNR3A10				
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247				
Date of sample receipt:	May 12, 2023				
Date of Test:	May 12-24, 2023				
Date of report issued:	May 24, 2023				
Test Result :	PASS *				

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

Authorized Signature:



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 38



2 Version

Version No.	Date	Description
00	May 24, 2023	Original
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Prepared By:

hantly

Date:

May 24, 2023

May 24, 2023

Project Engineer

Date:

Check By:

otainson (un)

Reviewer



3 Contents

			i ugo
1	COV	ER PAGE	1
2	VER	SION	2
		ITENTS	
3	COM	IIENI5	3
4	TES	T SUMMARY	4
4			
	4.1	MEASUREMENT UNCERTAINTY	4
5	GEN	ERAL INFORMATION	5
	5.1	GENERAL DESCRIPTION OF EUT	
	5.2	TEST MODE	
	5.3	TEST FACILITY	
	5.4	TEST LOCATION	
	5.5	DESCRIPTION OF SUPPORT UNITS	
	5.6	DEVIATION FROM STANDARDS	
	5.7	ABNORMALITIES FROM STANDARD CONDITIONS	
	5.8	ADDITIONAL INSTRUCTIONS	
6	TES	T INSTRUMENTS LIST	8
7	TES	T RESULTS AND MEASUREMENT DATA	10
	7.1	ANTENNA REQUIREMENT	10
	7.2	CONDUCTED EMISSIONS	
	7.3	CONDUCTED PEAK OUTPUT POWER	
	7.4	20dB Emission Bandwidth	
	7.5	CARRIER FREQUENCIES SEPARATION	16
	7.6	HOPPING CHANNEL NUMBER	17
	7.7	DWELL TIME	18
	7.8	SPURIOUS EMISSION IN NON-RESTRICTED & RESTRICTED BANDS	19
	7.8.	Conducted Emission Method	19
	7.8.2	2 Radiated Emission Method	20
8	TES	T SETUP PHOTO	38
•			
9	EUT	CONSTRUCTIONAL DETAILS	38
-			

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	Frequency Range Measurement Uncertainty	
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:	Digital Proprotional Radio Control System
Model No.:	FMS-R3A1
Serial No.:	RD1001469
Test sample(s) ID:	GTS2023050196-1
Sample(s) Status	Engineer sample
Operation Frequency:	2408MHz~2475MHz
Channel numbers:	135
Modulation method:	FHSS
Modulation technology:	GFSK
Antenna Type:	External antenna
Antenna gain:	-1.11dBi
Power supply:	DC 6~8.8V

Remark: The system works in the frequency range of 2408MHz to 2475MHz. This band has been divided to 135 independent channels. Each radio system uses 16 different channels; the minimum channel separation is ≥1.992MHz. 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	2408MHz
The middle channel	2440MHz
The Highest channel	2475MHz



Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2408	36	2425.5	71	2443	106	2460.5
2	2408.5	37	2426	72	2443.5	107	2461
3	2409	38	2426.5	73	2444	108	2461.5
4	2409.5	39	2427	74	2444.5	109	2462
5	2410	40	2427.5	75	2445	110	2462.5
6	2410.5	41	2428	76	2445.5	111	2463
7	2411	42	2428.5	77	2446	112	2463.5
8	2411.5	43	2429	78	2446.5	113	2464
9	2412	44	2429.5	79	2447	114	2464.5
10	2412.5	45	2430	80	2447.5	115	2465
11	2413	46	2430.5	81	2448	116	2465.5
12	2413.5	47	2431	82	2448.5	117	2466
13	2414	48	2431.5	83	2449	118	2466.5
14	2414.5	49	2432	84	2449.5	119	2467
15	2415	50	2432.5	85	2450	120	2467.5
16	2415.5	51	2433	86	2450.5	121	2468
17	2416	52	2433.5	87	2451	122	2468.5
18	2416.5	53	2434	88	2451.5	123	2469
19	2417	54	2434.5	89	2452	124	2469.5
20	2417.5	55	2435	90	2452.5	125	2470
21	2418	56	2435.5	91	2453	126	2470.5
22	2418.5	57	2436	92	2453.5	127	2471
23	2419	58	2436.5	93	2454	128	2471.5
24	2419.5	59	2437	94	2454.5	129	2472
25	2420	60	2437.5	95	2455	130	2472.5
26	2420.5	61	2438	96	2455.5	131	2473
27	2421	62	2438.5	97	2456	132	2473.5
28	2421.5	63	2439	98	2456.5	133	2474
29	2422	64	2439.5	99	2457	134	2474.5
30	2422.5	65	2440	100	2457.5	135	2475
31	2423	66	2440.5	101	2458		
32	2423.5	67	2441	102	2458.5		
33	2424	68	2441.5	103	2459		
34	2424.5	69	2442	104	2459.5		
35	2425	70	2442.5	105	2460		



5.2 Test mode

-	1000							
		Transmitting mode	Keep the EUT in transmitting mode.					
		Remark: During the test, the duty cycle >98%, the test voltage is adjusted from DC6V to DC8.8V, and found that the worst case was DC8.4V. So the report just shows that condition's data.						
-	5.3	Test Facility						
		• FCC —Registration No Designation Number: CNS Global United Technology described in a report filed from the FCC is maintaine • IC —Registration No.: CAB identifier: CN0091 The 3m Semi-anechoic ch 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					
ļ	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 Support Units

Manufacturer	Description	Model	Serial Number	
ShenZhen FLYSKY Technology Co.,Ltd	Remote control	MG4	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 21, 2023	April 20, 2024
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 21, 2023	April 20, 2024
9	Coaxial Cable	GTS	N/A	GTS211	April 21, 2023	April 20, 2024
10	Coaxial cable	GTS	N/A	GTS210	April 21, 2023	April 20, 2024
11	Coaxial Cable	GTS	N/A	GTS212	April 21, 2023	April 20, 2024
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	April 21, 2023	April 20, 2024
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 21, 2023	April 20, 2024
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 21, 2023	April 20, 2024
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 21, 2023	April 20, 2024



Cor	Conducted Emission							
ltem	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	May 14, 2022	May 13, 2025		
2	EMI Test Receiver	R&S	ESCI 7	GTS552	April 23, 2023	April 22, 2024		
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June 23, 2022	June 22, 2023		
4	ENV216 2-L-V- NETZNACHB.DE	ROHDE&SCHWARZ	ENV216	GTS226	April 21, 2023	April 20, 2024		
5	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A		
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		
7	Thermo meter	JINCHUANG	GSP-8A	GTS639	April 27, 2023	April 26, 2024		
8	Absorbing clamp	Elektronik- Feinmechanik	MDS21	GTS229	April 14, 2023	April 13, 2024		
9	ISN	SCHWARZBECK	NTFM 8158	GTS565	April 21, 2023	April 20, 2024		
10	High voltage probe	SCHWARZBECK	TK9420	GTS537	April 21, 2023	April 20, 2024		

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 21, 2023	April 20, 2024			
2	EMI Test Receiver	R&S	ESCI 7	GTS552	April 21, 2023	April 20, 2024			
3	Spectrum Analyzer	Agilent	E4440A	GTS536	April 21, 2023	April 20, 2024			
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	April 21, 2023	April 20, 2024			
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	April 21, 2023	April 20, 2024			
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	April 21, 2023	April 20, 2024			
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	April 21, 2023	April 20, 2024			
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	April 21, 2023	April 20, 2024			
9	EXA Signal Analyzer	Keysight	N9010B	MY60241168	Nov. 04, 2022	Nov. 03, 2023			

Ger	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 23, 2023	April 22, 2024			
2	Barometer	KUMAO	SF132	GTS647	July 26, 2022	July 25, 2023			

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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:

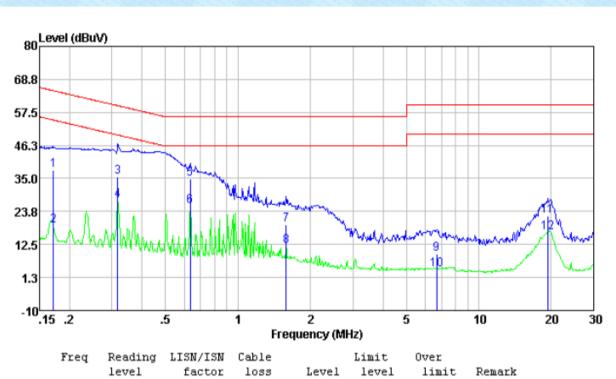
The antenna is external antenna, reference to the appendix II for details.

7.2 Conducted Emissions

1.2 Conducted Emissions					1.1.1.1.1.1.1.1.1			
Test Requirement:	FCC Part15	FCC Part15 C Section 15.207						
Test Method:	ANSI C63.1	ANSI C63.10:2013						
Test Frequency Range:	150KHz to 30MHz							
Class / Severity:	Class B							
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto							
Limit:	Limit (dBuV)							
	Frequen	cy range (MH	lz) Qı	lasi-peak	Ave	rage		
	(0.15-0.5		66 to 56*	56 to	o 46*		
		0.5-5		56	4	6		
		5-30		60	5	50		
	* Decrease	s with the log	arithm of the	frequency.				
Test setup:		Reference	Plane		_			
	AUX Filter AC power Equipment E.U.T Filter AC power Test table/Insulation plane EMI Receiver Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m Test table height=0.8m							
Test procedure:	 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 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement. 							
Test Instruments:	Refer to see	ction 6.0 for c	letails					
Test mode:	AC120V 60Hz							
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar							
Test results:	Pass							
Service and the service of the servi	100 10 10 10 10 10 10 10 10 10 10 10 10		and the second	and the second		A CARACTER AND		

Measurement data

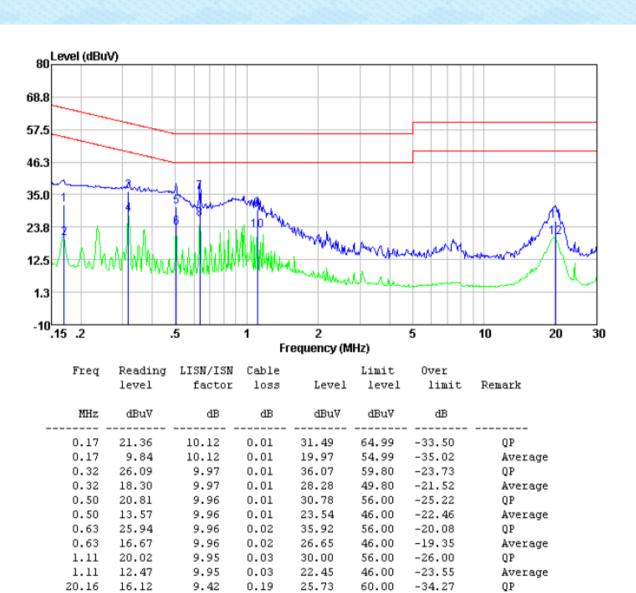
Line:



MHz	dBuV	dB	dB	dBu∛	dBuV	dB	
0.17	27.82	10.09	0.01	37.92	64.90	-26.98	QP
0.17	8.83	10.09	0.01	18.93	54.90	-35.97	Average
0.32	25.52	9.98	0.01	35.51	59.80	-24.29	QP
0.32	17.61	9.98	0.01	27.60	49.80	-22.20	Average
0.63	24.86	9.96	0.02	34.84	56.00	-21.16	QP
0.63	15.57	9.96	0.02	25.55	46.00	-20.45	Average
1.59	9.26	9.88	0.04	19.18	56.00	-36.82	QP
1.59	1.89	9.88	0.04	11.81	46.00	-34.19	Average
6.70	-0.66	9.71	0.08	9.13	60.00	-50.87	QP
6.70	-5.71	9.71	0.08	4.08	50.00	-45.92	Average
19.33	12.62	9.44	0.18	22.24	60.00	-37.76	QP
19.33	7.06	9.44	0.18	16.68	50.00	-33.32	Average

Report No.: GTS2023050196F01

Neutral:



Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.

9.42

0.19

2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

20.13

50.00

-29.87

3. Final Level =Receiver Read level + LISN Factor + Cable Loss

10.52

20.16

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.

Average



Test Requirement:	FCC Part15 C Section 15.247(a)(1)					
Test Method:	NSI 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	Detector	RB	W V	VBW	Value		
	9KHz-150KHz	Quasi-pea	k 200	Hz 60	00Hz	Quasi-peak		
	150KHz-30MHz	Quasi-pea	k 9K	Hz 30	0KHz	Quasi-peak		
	30MHz-1GHz	Quasi-pea	k 120ł	KHz 30	0KHz	Quasi-peak		
	Above 1GHz	Peak	1M	Hz 3	BMHz	Peak		
	Above IGHZ	Peak	1M	Hz 1	10Hz	Average		
Limit: (Spurious Emissions)	Frequency	Limit	(uV/m)	Value	e	Measurement Distance		
	0.009MHz-0.490M	Hz 2400/	F(KHz)	PK/AV/0	QP	300m		
	0.490MHz-1.705M	Hz 24000	/F(KHz)	QP		30m		
	1.705MHz-30MH	z :	30			30m		
	30MHz-88MHz	1	100					
	88MHz-216MHz	: 1	150					
	216MHz-960MH	z 2	00	QP		3m		
	960MHz-1GHz	5	500		110			
	Above 1GHz		00	Averag				
	500			Peak	(
Test setup:	Below 30MHz							

	Report No.: GTS2023050196F01
	$4 = \frac{3m}{1}$ $4 = $
	Above 1GHz
	<pre></pre>
Test Procedure:	 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.
	3. 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.
	4. 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.
	5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
	 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.
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

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Report No.: GTS2023050196F01



	Report No.: GTS2023050196F01
Test results:	Pass

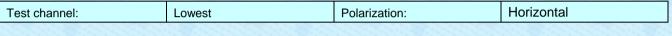
Remark:

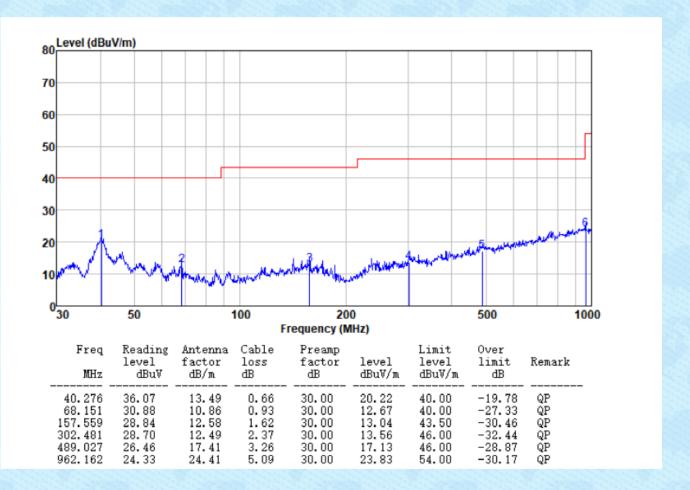
1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

Measurement data: Below 30MHz

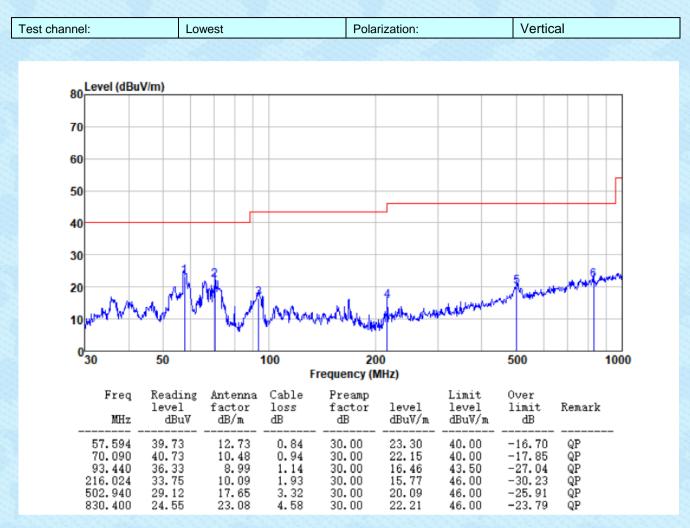
The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

30MHz ~ 1GHz

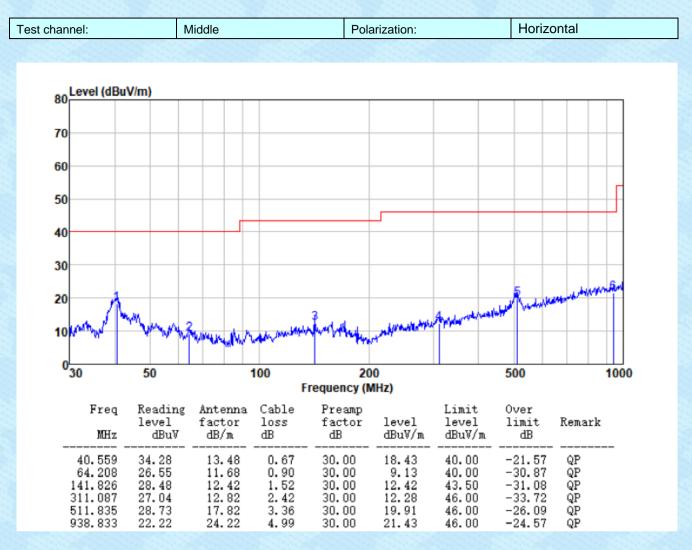




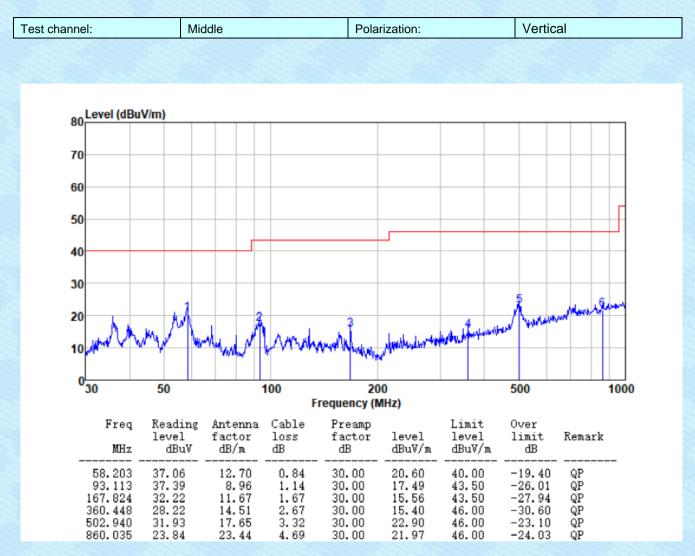
Report No.: GTS2023050196F01



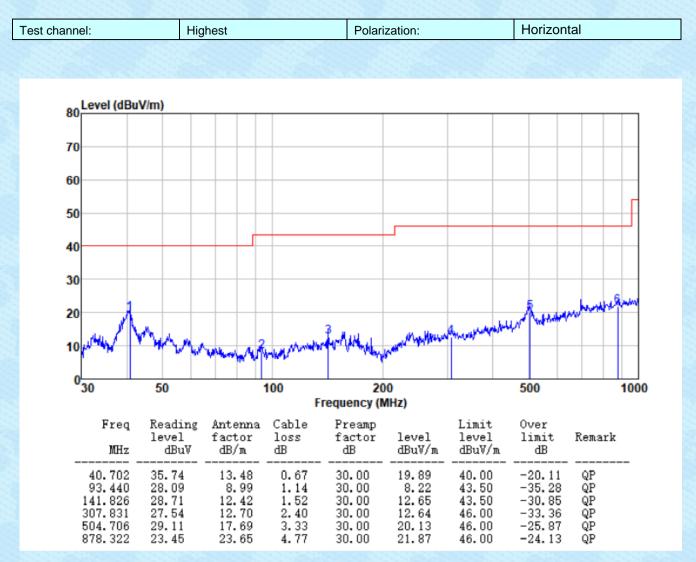
Report No.: GTS2023050196F01



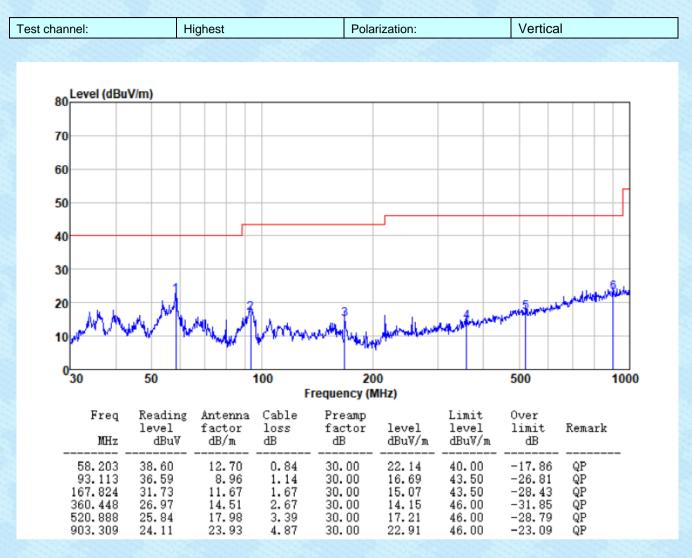
Report No.: GTS2023050196F01



Report No.: GTS2023050196F01



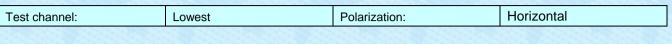
Report No.: GTS2023050196F01

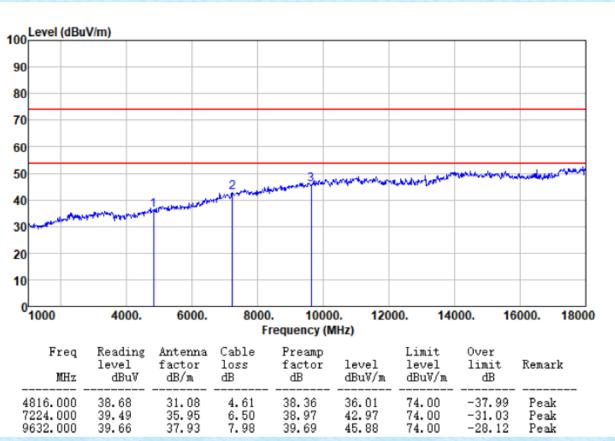




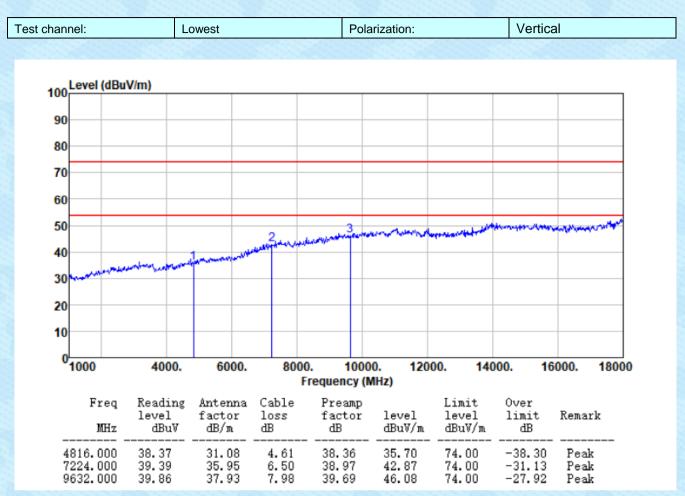
Unwanted Emissions in Restricted Frequency Bands

Above 1GHz

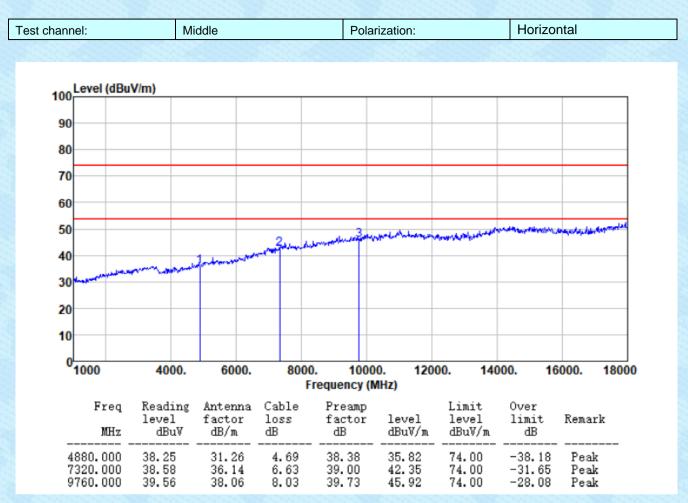




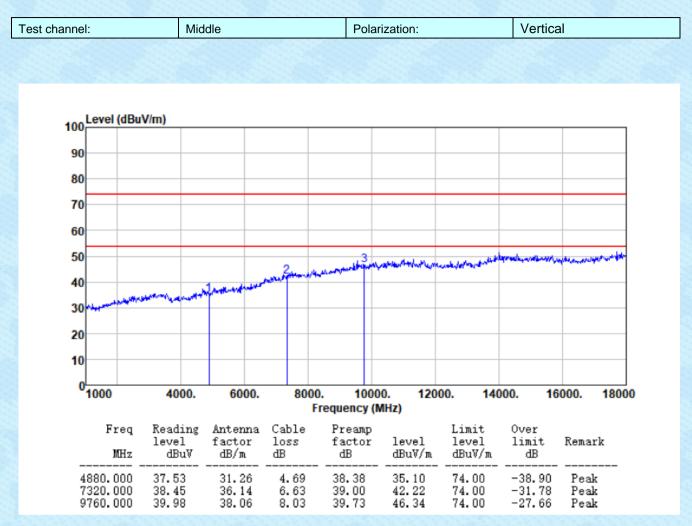
Report No.: GTS2023050196F01



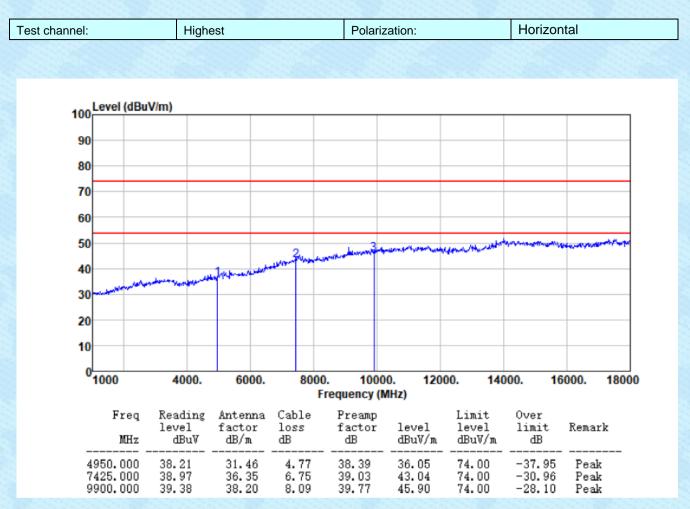
Report No.: GTS2023050196F01



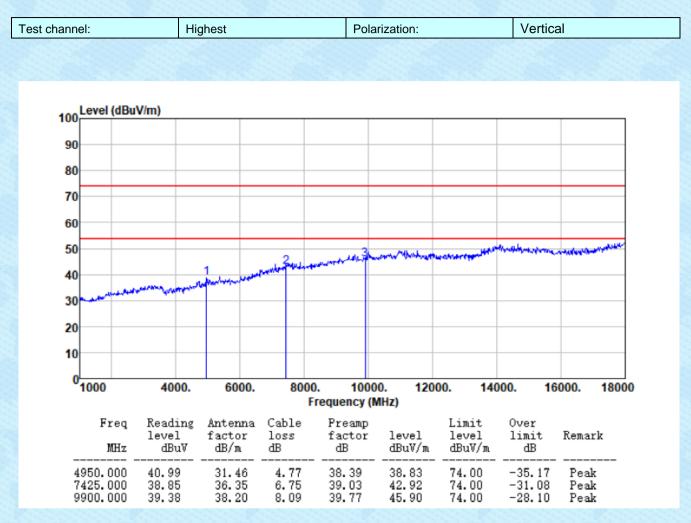
Report No.: GTS2023050196F01



Report No.: GTS2023050196F01



Report No.: GTS2023050196F01



Remark:

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

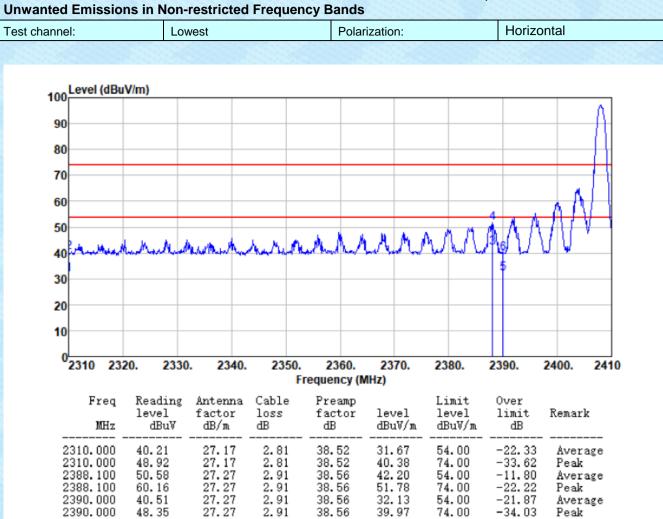
2. "*", means this data is the too weak instrument of signal is unable to test.

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

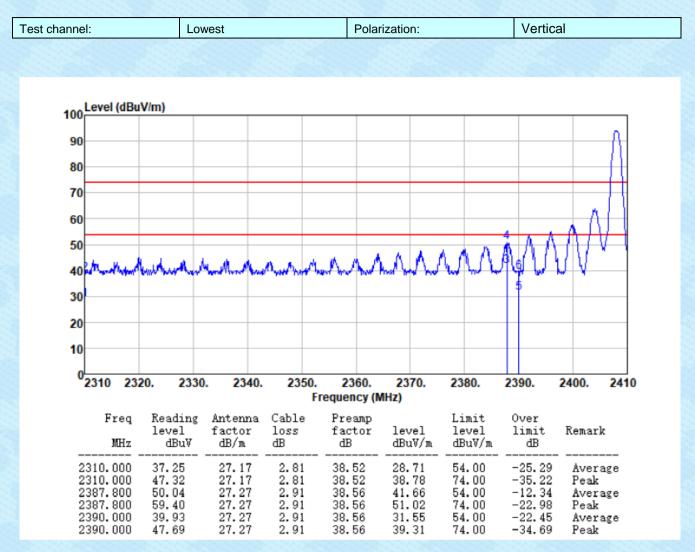
4. For above 18GHz, no emission found.



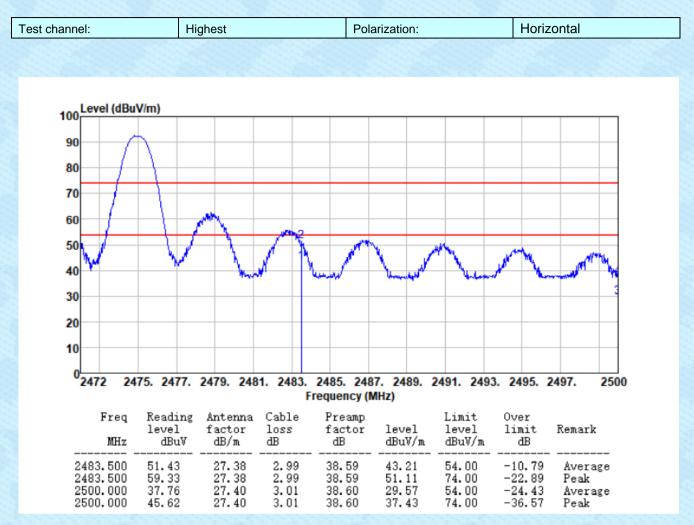
Report No.: GTS2023050196F01



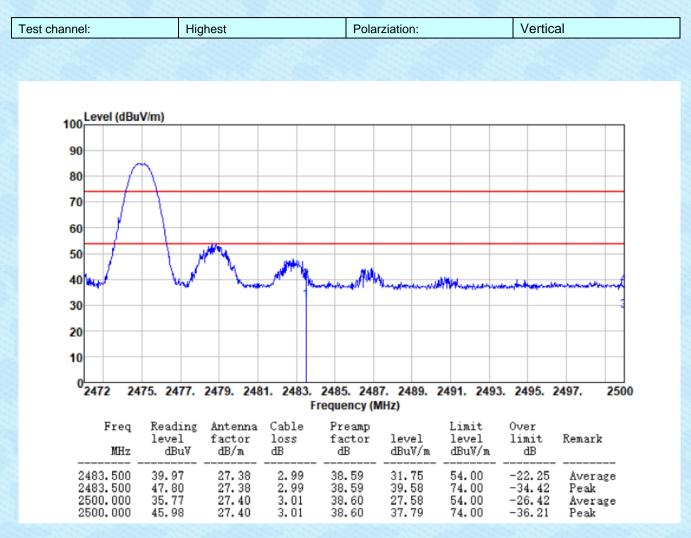
Report No.: GTS2023050196F01



Report No.: GTS2023050196F01



Report No.: GTS2023050196F01



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----