GTS Global United Technology Services Co., Ltd.

Report No.: GTSL202104000279-02

TEST Report

Applicant:	Dalian Cloud Force Technologies Co., Ltd.
Address of Applicant:	Unit1, Block B, 6th Floor, No.23 Honggang Road, Ganjingzi District, Dalian, Liaoning Province, China
Manufacturer :	Dalian Cloud Force Technologies Co., Ltd.
Address of Manufacturer :	Unit1, Block B, 6th Floor, No.23 Honggang Road, Ganjingzi District, Dalian, Liaoning Province, China
Equipment Under Test (E	UT)
Product Name:	Wireless Motion Sensor
Model No.:	MS1P
Series model:	N/A
Trade Mark:	Ubibot
FCC ID:	2AMFC-MS1P
IC:	24405-MS1P
Applicable standards:	FCC Part 15.247
	RSS 247 Issue 2, February 2017
	RSS-GEN Issue 5
	ANSI C63.10: 2013
Date of sample receipt:	Sep.14,2020
Date of Test:	Sep.14,2020- Apr.30,2021
Date of report issued:	Apr.30,2021
Test Result :	PASS *

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

Authorized Signature:

Robinson Luo

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.

2 Version

Version No. Date		Description			
00	Apr.30,2021	Original			
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8 8 2	8 8 8 2	6 8 8 8 8			
9 6 8	8 8 8	6 6 6 6 6 6			
8 8 2	8 8 8 2				

Tested/ Prepared By

Jamellu

Date:

Apr.30,2021

Project Engineer

Check By:

objusor lund

Date:

Apr.30,2021

Reviewer



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4 Test Summary

Test Item	Section in CFR 47	Result
Antenna Requirement	15.203/15.247 (c) RSS-Gen Section 6.8	Pass
AC Power Line Conducted Emission	15.207(a) RSS-Gen Section 8.8	Pass
Maximum peak conducted output power	um peak conducted output power 15.247 (b)(1) RSS-247 Section 5.4(b)	
20dB Occupied Bandwidth & 99% Occupy Bandwidth	15.247 (a)(1) RSS-247 Section 5.4(a) RSS-Gen Section 6.7	Pass
Carrier Frequencies Separation	15.247 (a)(1) RSS-247 Section 5.1(b)	Pass
Hopping Channel Number	15.247 (a)(1) RSS-247 Section 5.1(d)	Pass
Dwell Time	15.247 (a)(1) RSS-247 Section 5.1(d)	Pass
Pseudorandom Frequency Hopping Sequence	15.247(b)(4) RSS-247 Section 5.1	Pass
Radiated Emission	15.205/15.209 Section 3.3 & RSS-Gen Section 8.9	Pass
Band Edge	15.247(d) RSS-247 Section 5.5	Pass

Remarks:

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

Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes	
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)	

5 General Information

5.1 General Description of EUT

	Product Name:	Wireless Motion Sensor
- 8	Model No.:	MS1P
S ^{ee}	Series model:	N/A
8	Test sample(s) ID:	GTSL202104000279-1(Engineer sample) GTSL202104000279-2(Normal sample)
- 	Operation Frequency:	2402MHz~2480MHz
6	Channel numbers:	79
8	Channel separation:	1MHz
6	Modulation type:	GFSK, π /4-DQPSK, 8-DPSK
	Antenna Type:	PCB Antenna
Ø.	Antenna gain:	0dBi
8	Power supply:	DC 5V/1A From External Circuit and AC 100-240V/50/60Hz
10	Adapter Information (auxiliary test equipment supplied by test Lab)	Mode: CD122 Input: AC100-240V, 50/60Hz, 500mA Output: DC 5V, 2A

Operation Frequency each of channel								
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency	
1	2402MHz	21	2422MHz	41	2442MHz	61	2462MHz	
2	2403MHz	22	2423MHz	42	2443MHz	62	2463MHz	
3	2404MHz	23	2424MHz	43	2444MHz	63	2464MHz	
4	2405MHz	24	2425MHz	44	2445MHz	64	2465MHz	
5	2406MHz	25	2426MHz	45	2446MHz	65	2466MHz	
6	2407MHz	26	2427MHz	46	2447MHz	66	2467MHz	
7	2408MHz	27	2428MHz	47	2448MHz	67	2468MHz	
8	2409MHz	28	2429MHz	48	2449MHz	68	2469MHz	
9	2410MHz	29	2430MHz	49	2450MHz	69	2470MHz	
10	2411MHz	30	2431MHz	50	2451MHz	70	2471MHz	
11	2412MHz	31	2432MHz	51	2452MHz	71	2472MHz	
12	2413MHz	32	2433MHz	52	2453MHz	72	2473MHz	
13	2414MHz	33	2434MHz	53	2454MHz	73	2474MHz	
14	2415MHz	34	2435MHz	54	2455MHz	74	2475MHz	
15	2416MHz	35	2436MHz	55	2456MHz	75	2476MHz	
16	2417MHz	36	2437MHz	56	2457MHz	76	2477MHz	
17	2418MHz	37	2438MHz	57	2458MHz	77	2478MHz	
18	2419MHz	38	2439MHz	58	2459MHz	78	2479MHz	
19	2420MHz	39	2440MHz	59	2460MHz	79	2480MHz	
20	2421MHz	40	2441MHz	60	2461MHz	6	6 6	

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2402MHz
The middle channel	2441MHz
The Highest channel	2480MHz

5.2 Test mode

Transmitting mode Keep the EUT in continuously transmitting mode.

Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

5.3 Description of Support Units

None.

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

5.6	Test Facility
	 The test facility is recognized, certified, or accredited by the following organizations: FCC —Registration No.: 381383 Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 381383. IC —Registration No.: 9079A The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A NVLAP (LAB CODE:600179-0) Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). LAB CODE:600179-0
5.7	Test Location

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

5.8 Additional Instructions

Test Software	Special AT test command provided by manufacturer to Keep the EUT in continuously transmitting mode and hopping mode
Power level setup	Default

6 Test Instruments list

Rad	iated Emission:	R R	0 12 12	l.	E B	2
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	June. 25 2020	June. 24 2021
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 25 2020	June. 24 2021
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 25 2020	June. 24 2021
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 25 2020	June. 24 2021
7	EMI Test Software	FARAD	EZ-EMC	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 25 2020	June. 24 2021
9	Coaxial Cable	GTS	N/A	GTS211	June. 25 2020	June. 24 2021
10	Coaxial cable	GTS	N/A	GTS210	June. 25 2020	June. 24 2021
11	Coaxial Cable	GTS	N/A	GTS212	June. 25 2020	June. 24 2021
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 25 2020	June. 24 2021
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 25 2020	June. 24 2021
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 25 2020	June. 24 2021
15	Band filter	Amindeon	82346	GTS219	June. 25 2020	June. 24 2021
16	Power Meter	Anritsu	ML2495A	GTS540	June. 25 2020	June. 24 2021
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 25 2020	June. 24 2021
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 25 2020	June. 24 2021
19	Splitter	Agilent	11636B	GTS237	June. 25 2020	June. 24 2021
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 25 2020	June. 24 2021
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 18 2020	Oct. 17 2021
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 18 2020	Oct. 17 2021
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 18 2020	Oct. 17 2021
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 25 2020	June. 24 2021

Cond	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.15 2019	May.14 2022			
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 25 2020	June. 24 2021			
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June. 25 2020	June. 24 2021			
4	ENV216 2-L-V- NETZNACHB.DE	ROHDE&SCHWARZ	ENV216	GTS226	June. 25 2020	June. 24 2021			
5	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A			
6	EMI Test Software	FARAD	EZ-EMC	N/A	N/A	N/A			
7	Thermo meter	KTJ	TA328	GTS233	June. 25 2020	June. 24 2021			
8	Absorbing clamp	Elektronik- Feinmechanik	MDS21	GTS229	June. 25 2020	June. 24 2021			
9	ISN	SCHWARZBECK	NTFM 8158	GTS565	June. 25 2020	June. 24 2021			

ltem	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	June. 25 2020	June. 24 2021
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 25 2020	June. 24 2021
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June. 25 2020	June. 24 2021
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	June. 25 2020	June. 24 2021
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	June. 25 2020	June. 24 2021
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	June. 25 2020	June. 24 2021
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	June. 25 2020	June. 24 2021
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	June. 25 2020	June. 24 2021
9	Power Sensor	Agilent	E9300A	GTS589	June. 25 2020	June. 24 2021
10	Spectrum analyzer	Agilent	N9020A	GTS591	June. 25 2020	June. 24 2021

General used equipment:							
Item	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	June. 25 2020	June. 24 2021	
2	Barometer	ChangChun	DYM3	GTS255	June. 25 2020	June. 24 2021	

7 Test results and Measurement Data

7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203 /247(c)
15.203 requirement:	8 6 6 6 6 6 6 6
responsible party shall be us antenna that uses a unique of	be designed to ensure that no antenna other than that furnished by the sed with the device. The use of a permanently attached antenna or of an coupling to the intentional radiator, the manufacturer may design the unit so e replaced by the user, but the use of a standard antenna jack or electrical
15.247(c) (1)(i) requirement	ti b b b b b b b b
operations may employ trans	2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point smitting antennas with directional gain greater than 6dBi provided the power of the intentional radiator is reduced by 1 dB for every 3 dB that the na exceeds 6dBi.
Standard requirement:	RSS-Gen Section 6.8
When a measurement at the of the device's antenna shal manufacturer. For transmitte gain that is in excess of 6 dE power to demonstrate compl transmitters of output power	Id or operated with antennas with which it was approved. e antenna connector is used to determine RF output power, the effective gain II be stated, based on measurement or on data from the antenna ers of RF output power of 10 miliwatts or less, only the portion of the antenna 8 (6 dB above isotropic gain) shall be added to the measured RF output liance with the radiated power limits specified in the applicable standard. For r greater than 10 milliwatts, the total antenna gain shall be added to the to demonstrate compliance to the specified radiated power
E.U.T Antenna:	le la la la la la la

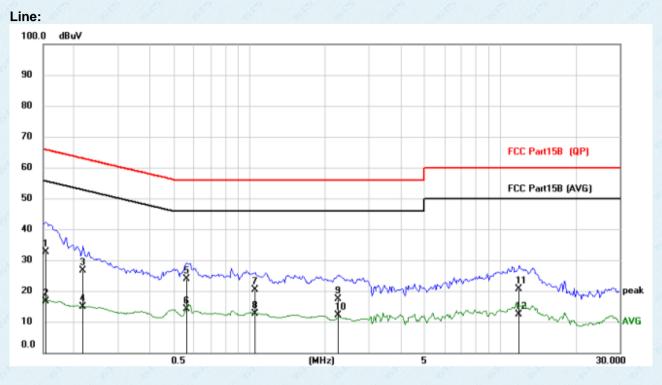
		20 120						
Test Requirement:	FCC Part15 C Section 15.207 RSS-Gen Section 8.8							
Test Method:	ANSI C63.10:2013 & RSS-Ge	ANSI C63.10:2013 & RSS-Gen						
Test Frequency Range:	150KHz to 30MHz	¢	6	Ser .				
Class / Severity:	Class B	8 8 1	6 8	(
Receiver setup:	RBW=9KHz, VBW=30KHz, Sv	weep time=auto	8 8	8				
Limit:	Con Con Control	Limit	(dBuV)					
	Frequency range (MHz)	Quasi-peak	Average					
	0.15-0.5	66 to 56*	56 to 46*	a .				
	0.5-5	56	46	2				
	5-30	60	50					
	* Decreases with the logarithm	n of the frequency.	Carlos Carlos	E.				
Test setup:	Reference Plane		8 8					
	Equipment E.U.T	Filter AC p						
	Test table/Insulation plane Remark: E.U.T: Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m	EMI Receiver						
Test procedure:	Remarkc E.U.T: Equipment Under Test LISN: Line Impedence Stabilization Network	Receiver are connected to the n network (L.I.S.N.). adance for the measu also connected to th n/50uH coupling impo the block diagram of the checked for maximum d the maximum emis all of the interface ca	This provides a uring equipment. e main power thro edance with 50oh of the test setup a m conducted sion, the relative ables must be cha	bugh a m nd				
Test procedure:	 Remark: E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m The E.U.T and simulators a line impedance stabilization 50ohm/50uH coupling imper The peripheral devices are LISN that provides a 50ohn termination. (Please refer to photographs). Both sides of A.C. line are of interference. In order to find positions of equipment and 	Receiver are connected to the n network (L.I.S.N.). edance for the measu also connected to th n/50uH coupling imp the block diagram of checked for maximum d the maximum emis all of the interface ca 2013 on conducted n	This provides a uring equipment. e main power thro edance with 50oh of the test setup a m conducted sion, the relative ables must be cha	bugh a m nd				
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Test Instruments:	 Remark: E U T Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m The E.U.T and simulators a line impedance stabilization 50ohm/50uH coupling imper The peripheral devices are LISN that provides a 50ohm termination. (Please refer to photographs). Both sides of A.C. line are of interference. In order to find positions of equipment and according to ANSI C63.10:2 Refer to section 6.0 for details 	Receiver are connected to the n network (L.I.S.N.). edance for the measu also connected to th n/50uH coupling imp the block diagram of the block diagram of the coupling imp the block diagram of the block diagram of the block diagram of the coupling imp the block diagram of the coupling imp the block diagram of the coupling imp the block diagram of the block diagram of the block diagram of	This provides a uring equipment. e main power thro edance with 50oh of the test setup a m conducted sion, the relative ables must be cha neasurement.	bugh a m nd				
Test Instruments: Test mode:	 Remark: E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m The E.U.T and simulators a line impedance stabilization 50ohm/50uH coupling imper The peripheral devices are LISN that provides a 50ohn termination. (Please refer to photographs). Both sides of A.C. line are of interference. In order to find positions of equipment and according to ANSI C63.10:2 Refer to section 6.0 for details Refer to section 5.2 for details 	Receiver are connected to the n network (L.I.S.N.). edance for the measu also connected to th n/50uH coupling imp the block diagram of the block diagram of the coupling imp the block diagram of the block diagram of the block diagram of the coupling imp the block diagram of the coupling imp the block diagram of the coupling imp the block diagram of the block diagram of the block diagram of	This provides a uring equipment. e main power thro edance with 50oh of the test setup a m conducted sion, the relative ables must be cha neasurement.	ough a m nd anged				

7.2 Conducted Emissions

Remark: Both high and low voltages have been tested to show only the worst low voltage test data.



Measurement data:

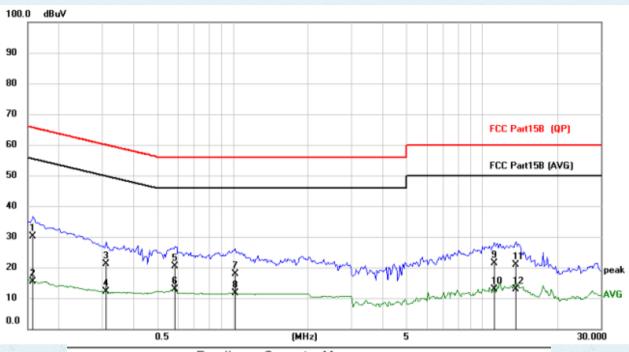


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1539	21.64	10.92	32.56	65.79	-33.23	QP
2		0.1539	5.73	10.92	16.65	55.79	-39.14	AVG
3		0.2163	15.83	10.92	26.75	62.96	-36.21	QP
4		0.2163	3.84	10.92	14.76	52.96	-38.20	AVG
5		0.5595	12.98	10.92	23.90	56.00	-32.10	QP
6	*	0.5595	3.33	10.92	14.25	46.00	-31.75	AVG
7		1.0509	9.37	10.92	20.29	56.00	-35.71	QP
8		1.0509	1.82	10.92	12.74	46.00	-33.26	AVG
9		2.2559	6.46	10.98	17.44	56.00	-38.56	QP
10		2.2559	1.06	10.98	12.04	46.00	-33.96	AVG
11		11.9232	9.24	11.40	20.64	60.00	-39.36	QP
12		11.9232	0.91	11.40	12.31	50.00	-37.69	AVG

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Neutral:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1578	19.26	10.93	30.19	65.58	-35.39	QP
2		0.1578	4.35	10.93	15.28	55.58	-40.30	AVG
3		0.3099	10.22	10.92	21.14	59.97	-38.83	QP
4		0.3099	1.27	10.92	12.19	49.97	-37.78	AVG
5		0.5829	9.53	10.92	20.45	56.00	-35.55	QP
6	*	0.5829	1.95	10.92	12.87	46.00	-33.13	AVG
7		1.0236	6.97	10.92	17.89	56.00	-38.11	QP
8		1.0236	0.81	10.92	11.73	46.00	-34.27	AVG
9		11.2329	9.93	11.39	21.32	60.00	-38.68	QP
10		11.2329	1.43	11.39	12.82	50.00	-37.18	AVG
11		13.6587	9.49	11.44	20.93	60.00	-39.07	QP
12		13.6587	1.56	11.44	13.00	50.00	-37.00	AVG

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 Los

Test Requirement:	FCC Part15 C Section 15.247 (b)(1) RSS-247 Section 5.4(b)
Test Method:	ANSI C63.10:2013 & RSS-Gen
Limit:	30dBm(for GFSK),20.97dBm(for EDR)
Test setup:	Power sensor and Spectrum analyzer
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar

7.3 Conducted Peak Output Power

Measurement Data

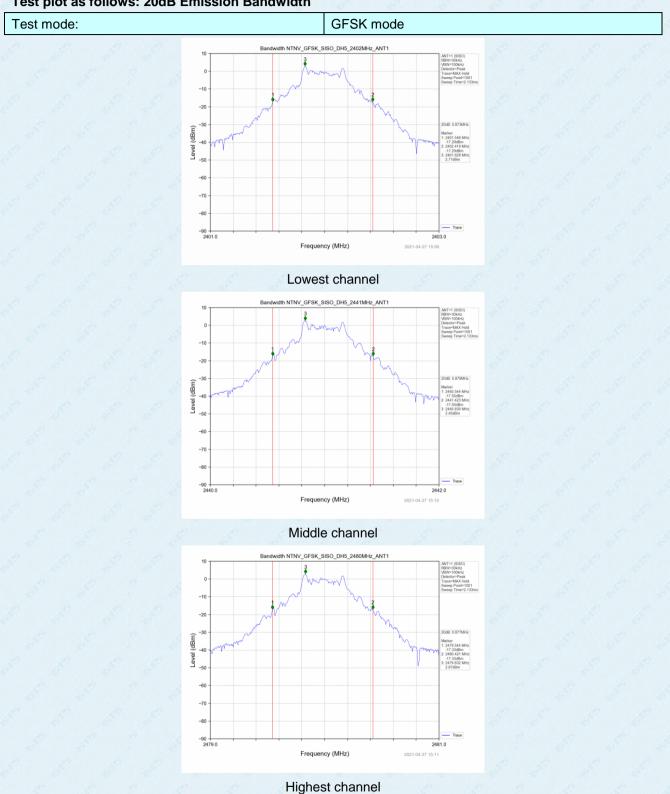
Mode	Test channel	Peak Output Power (dBm)	Limit (dBm)	Result
2 2 2	Lowest	4.10	2 2 1	
GFSK	Middle	4.19	30.00	Pass
	Highest	4.20		
	Lowest	4.46	6 6 6	Pass
π/4-DQPSK	Middle	4.76	20.97	
8 & 8	Highest	4.54	S & 5	8 6
8 8	Lowest	4.94	8 2	8 8
8-DPSK	Middle	5.22	20.97	Pass
	Highest	4.90	2 2 2	0 0

7.4 20dB Emission Bandwidth & 99% Occupy Bandwidth

Test Requirement:	FCC Part15 C Section 15.247 (a)(1)
	RSS-Gen Section 6.7 & RSS-247 Section 5.1(a)
Test Method:	ANSI C63.10:2013 & RSS-Gen
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
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar
(ch) (ch) (ch) (ch)	

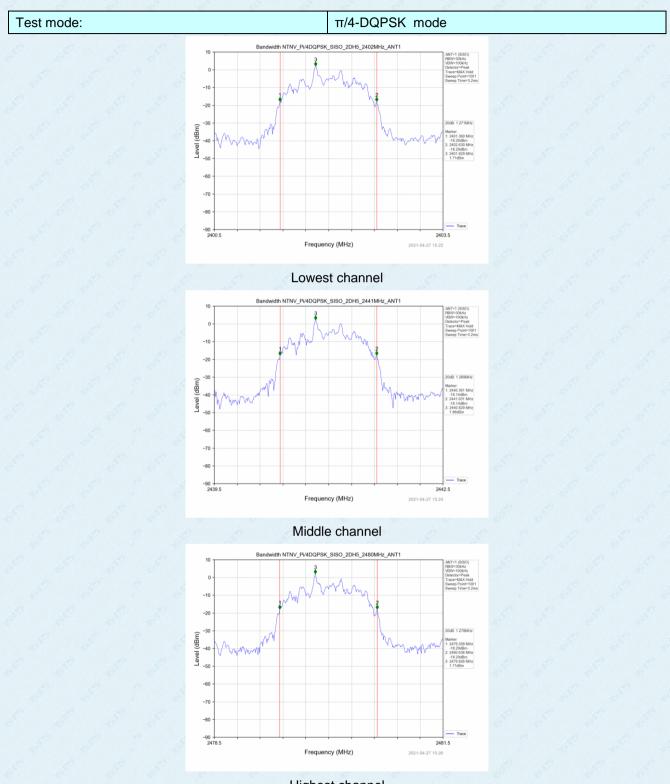
Measurement Data

Mode	Test channel	20dB Emission Bandwidth (MHz)	99% Occupy Bandwidth (MHz)	Result	
	Lowest	0.873	0.803	e a	
GFSK	Middle	0.879	0.814	Pass	
2 & &	Highest	0.877	0.817		
8 8	Lowest	1.271	1.172	8 8	
π/4-DQPSK	Middle	1.269	1.158	Pass	
0 0	Highest	1.278	1.168		
10 10 10	Lowest	1.203	1.149		
8-DPSK	Middle	1.205	1.153	Pass	
8 6	Highest	1.202	1.150	6 6	



Test plot as follows: 20dB Emission Bandwidth

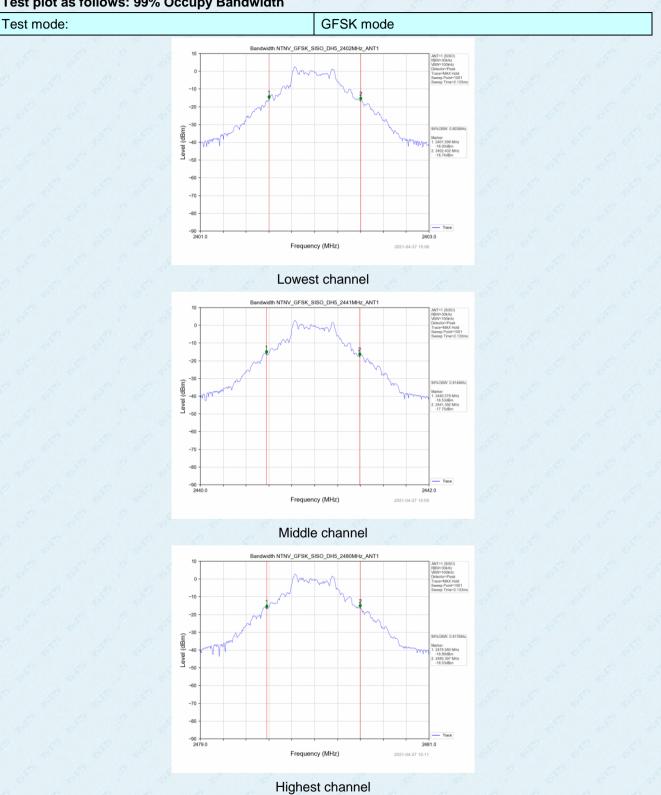




Highest channel

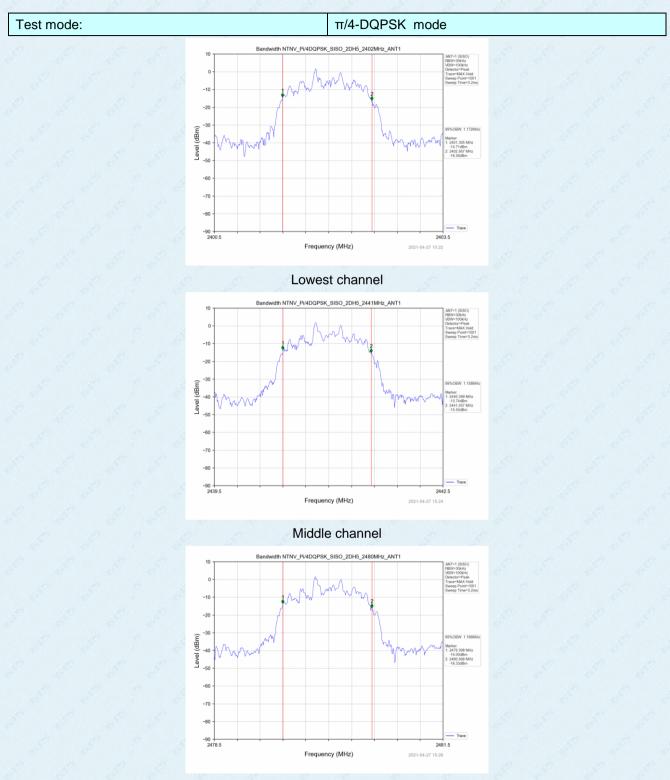






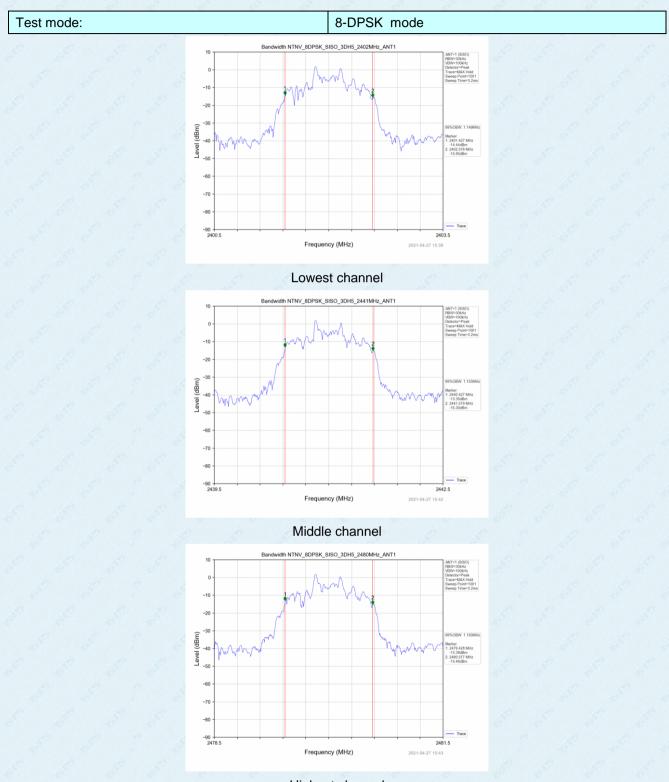
Test plot as follows: 99% Occupy Bandwidth





Highest channel





Highest channel

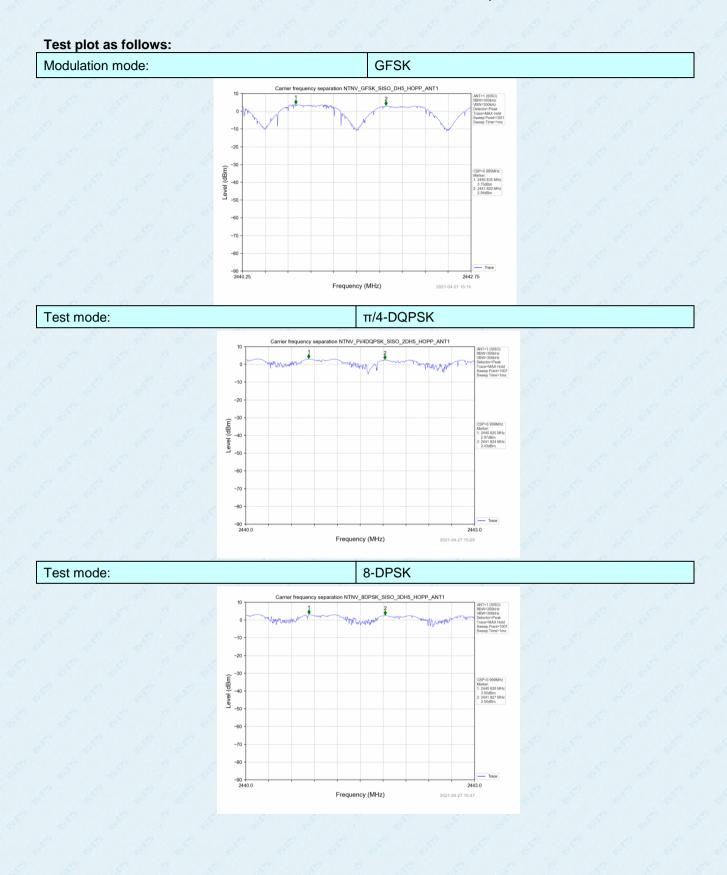
Test Requirement:	FCC Part15 C Section 15.247 (a)(1)
	RSS-247 Section 5.1(b)
Test Method:	ANSI C63.10:2013 & RSS-Gen
Receiver setup:	RBW=100KHz, VBW=300KHz, detector=Peak
Limit:	GFSK: 20dB bandwidth π/4-DQPSK & 8DSK: 0.025MHz or 2/3 of the 20dB bandwidth (whichever is greater)
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table
	Ground Reference Plane
Test Instruments:	Ground Reference Plane Refer to section 6.0 for details
Test Instruments: Test mode:	
	Refer to section 6.0 for details

7.5 Frequencies Separation

Measurement Data

Mode	Test channel	Frequencies Separation (MHz)	Limit (kHz)	Result
			25KHz or	
GFSK	Middle	0.985	2/3*20dB	Pass
8 8 8	8 8 4		bandwidth	8 8
8 8	8 8	6 2 6 6	25KHz or	8 6
π/4-DQPSK	Middle	0.999	2/3*20dB	Pass
2 2 2	9 19 19 9 19 19		bandwidth	
2			25KHz or	8
8-DPSK	Middle	0.999	2/3*20dB	Pass
8 8	8 8		bandwidth	8 6

Remark: We have tested all mode at high, middle and low channel, and recorded worst case at middle

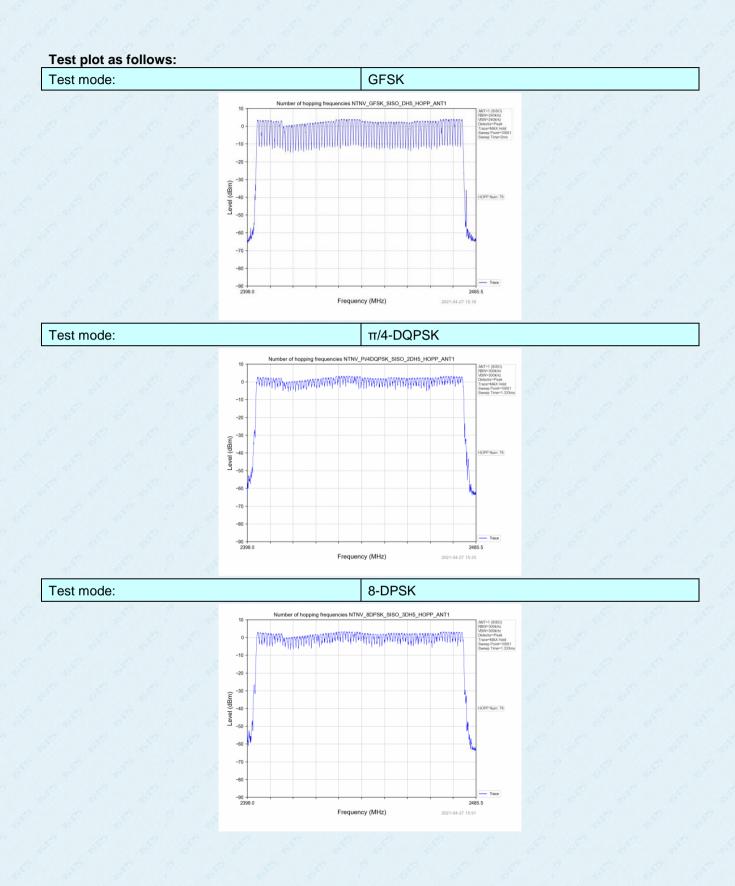


Test Requirement:	FCC Part15 C Section 15.247 (a)(1) RSS-247 Section 5.1(d)
Test Method:	ANSI C63.10:2013 & RSS-Gen
Receiver setup:	RBW=100kHz, VBW=300kHz, Frequency range=2400MHz-2483.5MHz, Detector=Peak
Limit:	15 channels
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar

7.6 Hopping Channel Number

Measurement Data:

Mode	Hopping channel numbers	Limit	Result
GFSK	79	≥15	Pass
π/4-DQPSK	79	6 6 6 6	Pass
8-DPSK	79	8 8 3	Pass



7.7 Dwell Time

Test Requirement:	FCC Part15 C Section 15.247 (a)(1) RSS-247 Section 5.1(d)
Test Method:	ANSI C63.10:2013 & RSS-Gen
Receiver setup:	RBW=1MHz, VBW=1MHz, Span=0Hz, Detector=Peak
Limit:	0.4 Second
Test setup:	Spectrum Analyzer F.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
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar

Measurement Data GFSK mode:

Frequency	Packet	Pulse time (ms)	Dwell time(ms)	Limit(ms)	Result
2441MHz	DH1	0.392	125.440	400	Pass
2441MHz	DH3	1.649	267.138	400	Pass
2441MHz	DH5	2.896	321.456	400	Pass

Note:We have tested all mode at high, middle and low channel, and recoreded worst case at middle channel.

Dwell time=Pulse time (ms) × (1600 \div 2 \div 79) ×31.6 Second for DH1, 2-DH1

Dwell time=Pulse time (ms) × $(1600 \div 4 \div 79)$ ×31.6 Second for DH3, 2-DH3

Dwell time=Pulse time (ms) × $(1600 \div 6 \div 79)$ ×31.6 Second for DH5, 2-DH5

π /4-DQPSK mode:

Frequency	Packet	Pulse time (ms)	Dwell time(ms)	Limit(ms)	Result
2441MHz	2DH1	0.386	123.520	400	Pass
2441MHz	2DH3	1.638	273.546	400	Pass
2441MHz	2DH5	2.885	340.430	400	Pass

Note:We have tested all mode at high, middle and low channel, and recoreded worst case at middle channel.

Dwell time=Pulse time (ms) × $(1600 \div 2 \div 79)$ ×31.6 Second for DH1, 2-DH1

Dwell time=Pulse time (ms) × $(1600 \div 4 \div 79)$ ×31.6 Second for DH3, 2-DH3

Dwell time=Pulse time (ms) × $(1600 \div 6 \div 79)$ ×31.6 Second for DH5, 2-DH5

8-DPSK mode:

Frequency	Packet	Pulse time (ms)	Dwell time(ms)	Limit(ms)	Result
2441MHz	3DH1	0.383	122.560	400	Pass
2441MHz	3DH3	1.633	277.610	400	Pass
2441MHz	3DH5	2.885	300.040	400	Pass

Note:We have tested all mode at high, middle and low channel, and recoreded worst case at middle channel.

Dwell time=Pulse time (ms) × (1600 ÷ 2 ÷ 79) ×31.6 Second for DH1, 2-DH1, 3-DH1

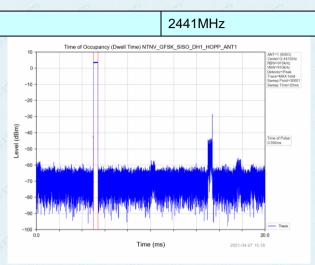
Dwell time=Pulse time (ms) × $(1600 \div 4 \div 79)$ ×31.6 Second for DH3, 2-DH3, 3-DH3

Dwell time=Pulse time (ms) × $(1600 \div 6 \div 79)$ ×31.6 Second for DH5, 2-DH5, 3-DH5

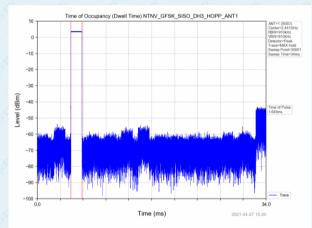


Test plot as follows: GFSK mode:

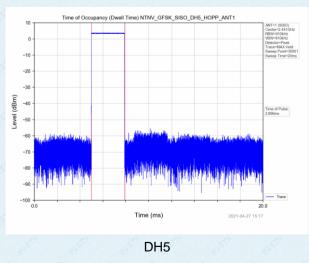
Test channel:



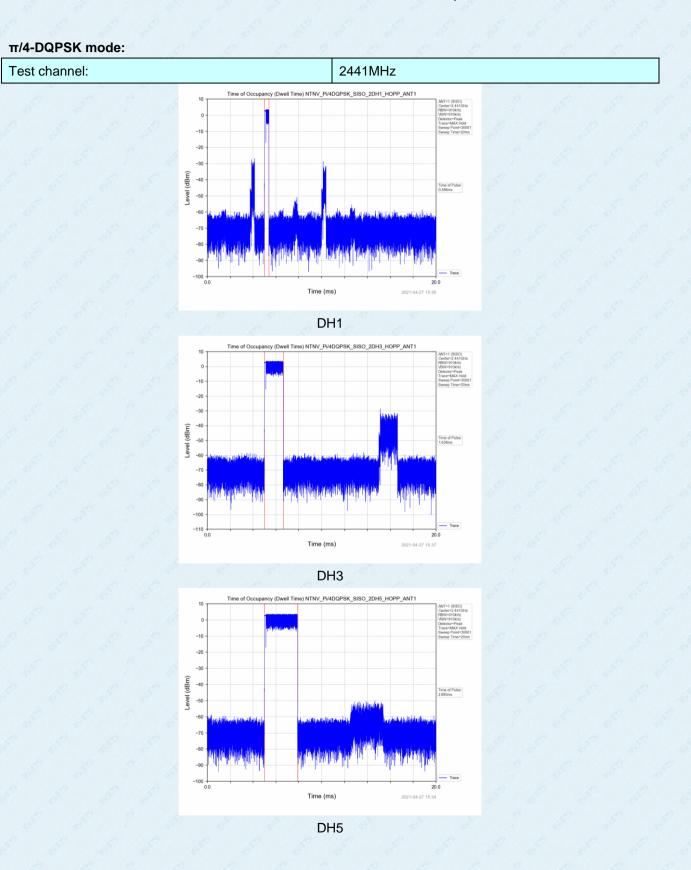




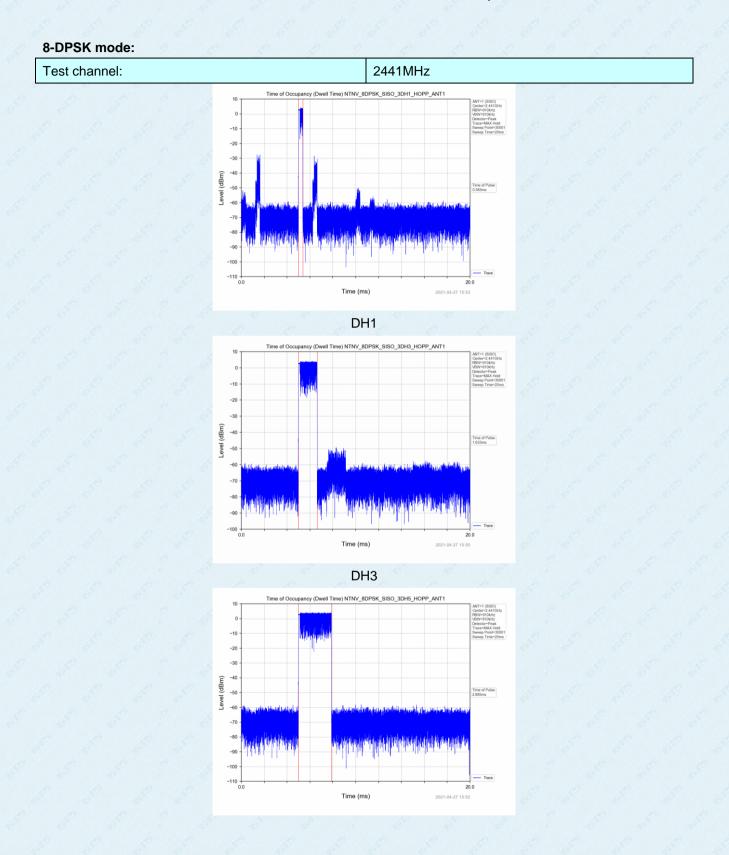
DH3











a(1): Frequen	ement:	FCC Part15	C Section 15.24	7 (a)(1)/g/h re	equirement:	
kHz or the 20	cy hopping systei dB bandwidth of	ms shall have he the hopping cha	opping channel car Innel, whichever is	rier frequencie: greater.	s separated by a	n minimum of 25
carrier frequer whichever is g shall hop to cl hopping frequ receivers shal	ncies that are sep greater, provided hannel frequencie encies. Each freq Il have input band	parated by 25 kH the systems ope es that are selec quency must be dwidths that mate	rating in the 2400-2 Iz or two-thirds of the rate with an output ted at the system h used equally on the ch the hopping cha hronization with the	he 20 dB band t power no grea opping rate fro average by e nnel bandwidth	width of the hop ater than 125 m m a Pseudorand ach transmitter. ns of their corres	ping channel, W. The system dom ordered list c The system
each transmis comply with a information) s	sion. However, th Il of the regulation tream. In addition oping system and	he system, cons ns in this section n, a system empl	ns are not required isting of both the tra should the transm loying short transm its transmissions o	ansmitter and t itter be presen ission bursts m	he receiver, mus ted with a contin nust comply with	st be designed to wous data (or the definition of a
recognize othe hopsets to ave any other mar	er users within the oid hopping on oc	e spectrum band ccupied channel ess purpose of a	equency hopping sp d so that it individua s is permitted. The voiding the simultan nitted.	ally and indepe coordination of	ndently chooses f frequency hop	and adapts its bing systems in
	orandom Frequ					
• Longest seq	uence of zeros: 8	a (non-inverted s				
Linear	Feedback Sh	nift Register fo	or Generation o	f the PRBS	sequence	
	f Pseudorandom		ping Sequence as i	follow:		
024	6	62 64	78 1		73 75 77	
Each frequence	y used equally o	on the average b	y each transmitter.			
		S	y each transmitter.	ino channel ba	ndwidths of their	corresponding
The system re	eceivers have inp	ut bandwidths th	at match the hopp			corresponding
The system re transmitters a	eceivers have inp nd shift frequenci	ut bandwidths th ies in synchroniz		mitted signals.		

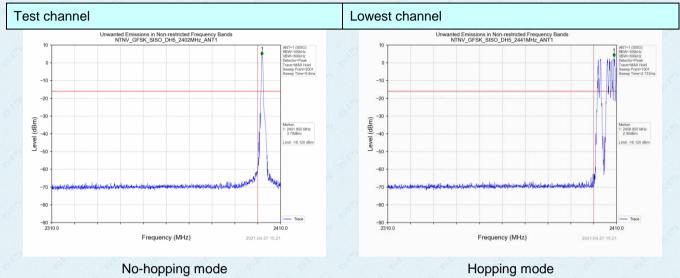
7.9 Band Edge

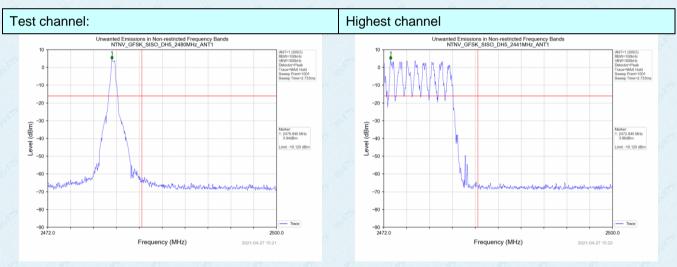
7.9.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d) RSS-247 Section 5.5					
Test Method:	ANSI C63.10:2013 & RSS-Gen					
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 section 6.0 for details					
Test mode:	Refer to section 5.2 for details					
Test results:	Pass					
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar					



Test plot as follows: GFSK Mode:

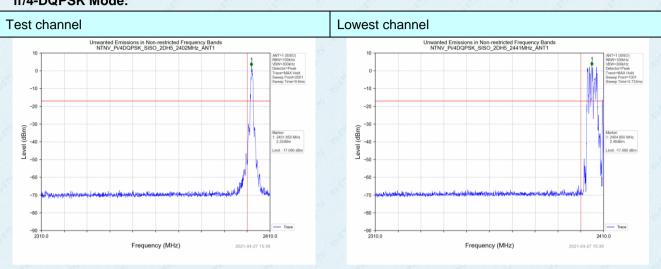




No-hopping mode

Hopping mode

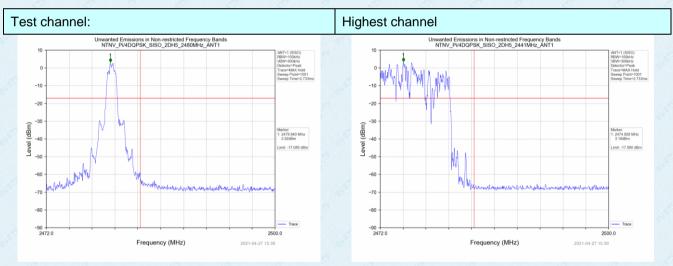




π/4-DQPSK Mode:

No-hopping mode

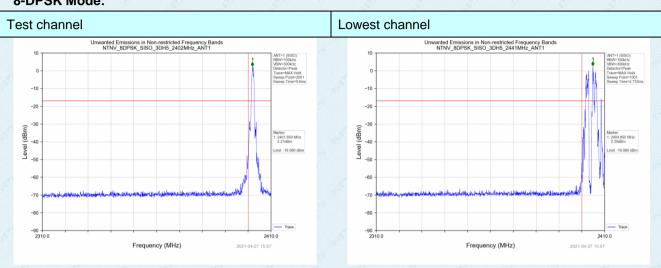
Hopping mode



No-hopping mode

Hopping mode

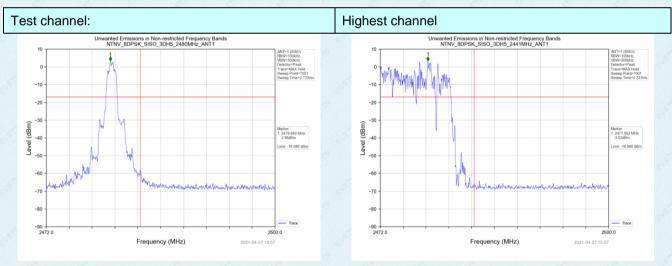




8-DPSK Mode:

No-hopping mode

Hopping mode



No-hopping mode

Hopping mode

FCC Part15 C Section 15.209 and 15.205							
All of the restrict bands were tested, only the worst band's (2310MHz to 2500MHz) data was showed.							
Measurement [Measurement Distance: 3m						
Frequency	Detector	RBW	VBW		emark		
Above 1GHz		60			ak Value		
					age Value		
Freque	Frequency			Remark			
Above 2	1GHz				Average Value Peak Value		
Tum Table*	EUT+	Test Anten < 1m 4m Receiver-	Preamplifiere				
 The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 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. 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. The test-receiver system was set to Peak Detect Function and Specifie 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 10d margin would be re-tested one by one using peak, quasi-peak or 							
			roported in	a data al			
average met	hod as speci	fied and then	reported in	a data sh			
average met Refer to section	thod as speci n 6.0 for detai	fied and then Is	reported in	a data sh			
average met	thod as speci n 6.0 for detai	fied and then Is	reported in	a data sh			
	Section 3.3 & F ANSI C63.10:2 All of the restri 2500MHz) data Measurement II Frequency Above 1GHz Above 1GHz Above 1 Tum Tables Above 1 Above	 FCC Part15 C Section 15.20 Section 3.3 & RSS-Gen Section 3.4 & Reserve antenna height is variable of the section of the section of the section 3.4 & Reserve and the rotat table was turing and the notat table was turing and the rotat table was turing an	 FCC Part15 C Section 15.209 and 15.205 Section 3.3 & RSS-Gen Section 8.9 ANSI C63.10:2013 & RSS-Gen All of the restrict bands were tested, on 2500MHz) data was showed. Measurement Distance: 3m Frequency Detector RBW Above 1GHz Peak 1MHz Frequency Limit (dBuy Above 1GHz 54. 74. Frequency Limit (dBuy Above 1GHz 54. 74. Frequency Limit (dBuy Above 1GHz 74. Frequency Limit (dBuy Above 1GHz 74. Measurement Distance: 3m * Test Antem Im Tables * Im t	FCC Part15 C Section 15.209 and 15.205 Section 3.3 & RSS-Gen Section 8.9 ANSI C63.10:2013 & RSS-Gen All of the restrict bands were tested, only the wors 2500MHz) data was showed. Measurement Distance: 3m Frequency Detector RBW VBW Above 1GHz Peak 1MHz 3MHz Move 1GHz Peak 1MHz 10Hz Frequency Limit (dBuV/m @3m) Above 1GHz 54.00 Above 1GHz 54.00 74.00 Test Antemase Tum Tables EUT EUT Test Antemase Limit (dBuV/m @3m) Above 1GHz Tum Tables Std.00 Test Antemase Tum Tables Std.00 Test Antemase Test Antemase Above 1GHz Test Antemase Test Antemase Test Antemase The EUT was placed on the top of a rotating table ground at a 3 meter camber. The table was rotatedetetermine the position of the highest radiat	FCC Part15 C Section 15.209 and 15.205 Section 3.3 & RSS-Gen Section 8.9 ANSI C63.10:2013 & RSS-Gen All of the restrict bands were tested, only the worst band's 2500MHz) data was showed. Measurement Distance: 3m Frequency Detector RBW VBW R Above 1GHz Peak 1MHz 3MHz Peak Above 1GHz 54.00 Averation Above 1GHz 54.00 Averation Above 1GHz State Test Antennation Image: The state Test Antennation Test Antennation Image: The state State Test Antennation Image: The state Test Antennation Test Antennation Image: The state The state Test Antennation Image: The state Test Antennation Test Antennation Image: The state Test Antenation Test Antennation		

7.9.2 Radiated Emission Method

Measurement Data

Remark: GFSK, Pi/4 DQPSK and 8DPSK all have been tested, only worse case GFSK is reported.

Operation Mode: GFSK TX Low channel(2402MHz)

Horizontal (Worst case)

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2390	57.33	-5.68	51.65	74	-22.35	peak
2390	44.32	-5.68	38.64	54	-15.36	AVG

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2390	60.31	-5.68	54.63	74	-19.37	peak
2390	45.02	-5.68	39.34	54	-14.66	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Operation Mode: GFSK TX High channel (2480MHz)

Horizontal (Worst case)

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2483.5	59.79	-5.85	53.94	74	-20.06	peak
2483.5	44.31	-5.85	38.46	54	-15.54	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

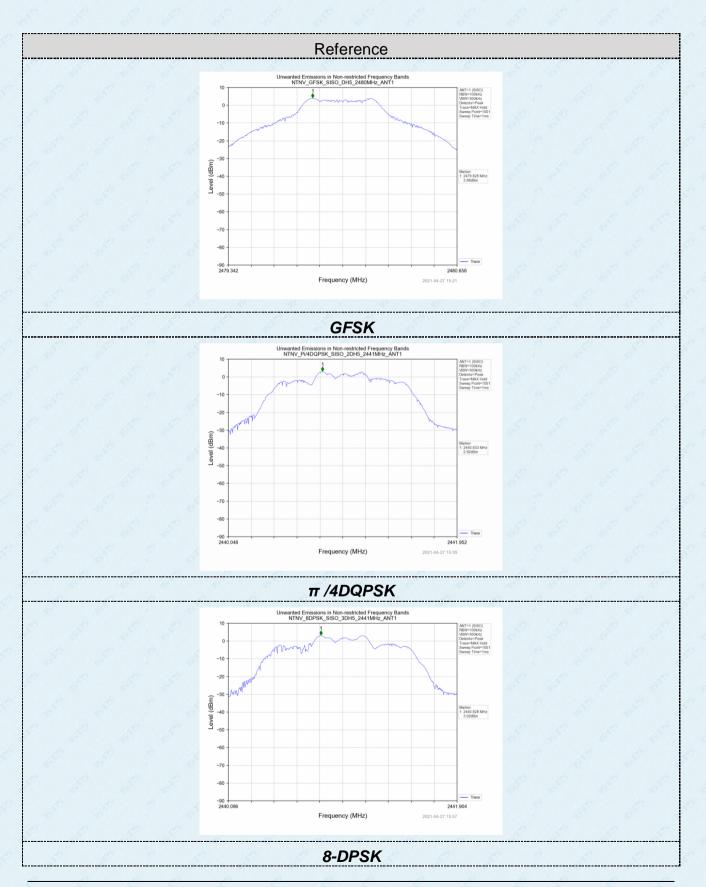
Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2483.5	62.30	-5.85	56.45	74	-17.55	peak
2483.5	45.89	-5.85	40.04	54	-13.96	AVG

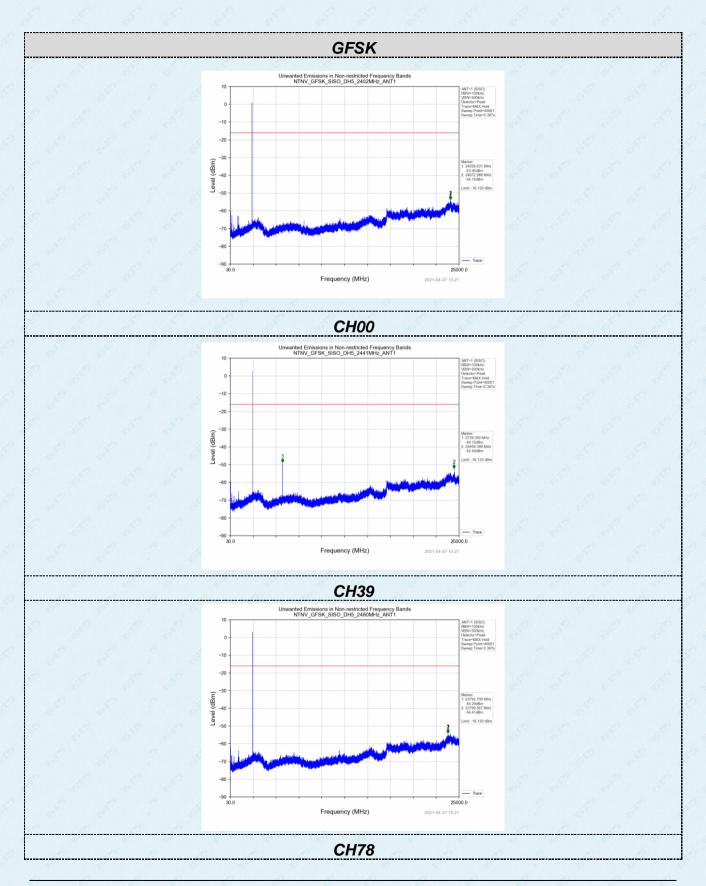
7.10 Spurious Emission7.10.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d) RSS-247 Section 5.5
Test Method:	ANSI C63.10:2013 & RSS-Gen
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 section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar

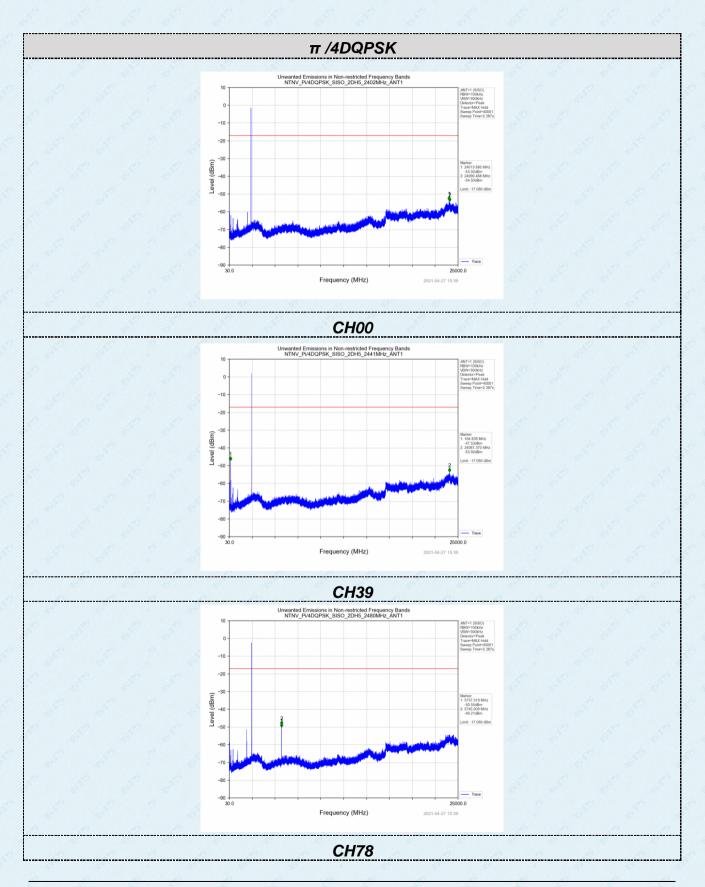




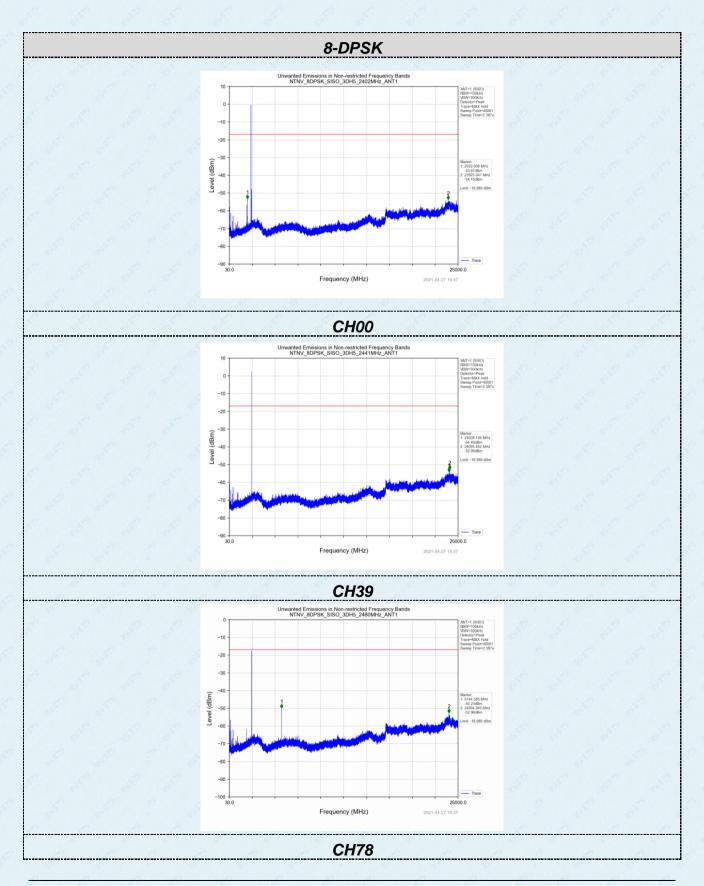








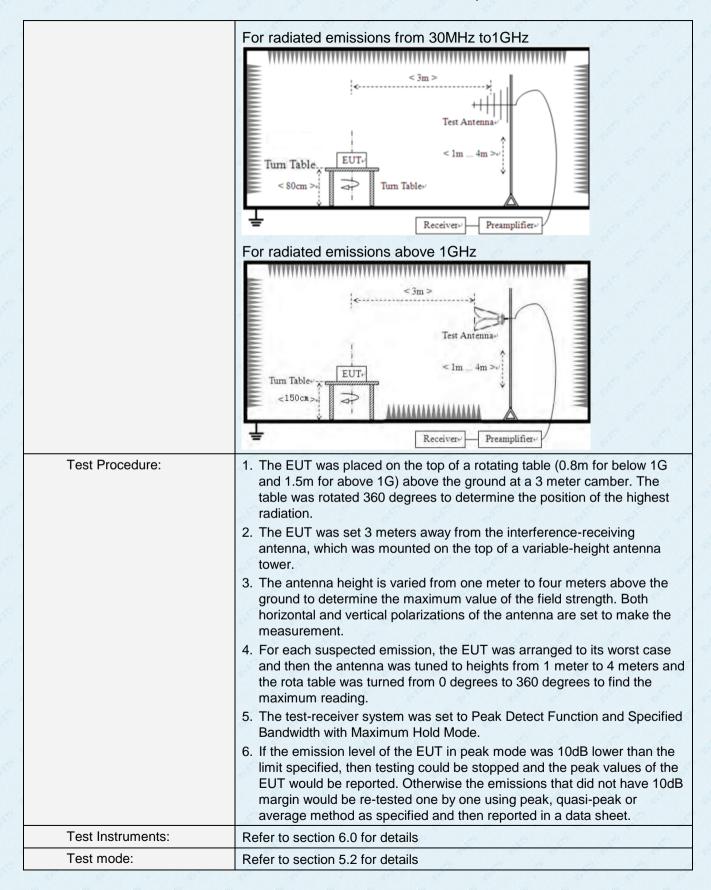




Test Requirement:	FCC Part15 C Section Section 3.3 & RSS-C							
Test Method:	ANSI C63.10:2013 8	RS	S-Gen	10	1	9. 10	0	.0
Test Frequency Range:	9kHz to 25GHz		10 IN	¢	0	48	10	
Test site:	Measurement Distar	nce: 3	3m	ø			6 6	
Receiver setup:	Frequency		Detector RBV		W VBW		Val	ue
	9KHz-150KHz	Qu	uasi-peak	200	Hz	600Hz	z Quasi-	peak
	150KHz-30MHz	Qı	uasi-peak	9Kł	Ηz	30KHz	z Quasi-	peak
	30MHz-1GHz	Qu	uasi-peak	120	(Hz	300KH	z Quasi-	peak
	Above 1GHz		Peak	1MI	Hz	3MHz	: Pea	ak
			Peak	1MI	Hz	10Hz	Aver	age
Limit:	Frequency	Frequency		//m)	v	alue	Measure Distan	
	0.009MHz-0.490M	0.009MHz-0.490MHz		(Hz)	0	QP	300m	1
	0.490MHz-1.705M	0.490MHz-1.705MHz		KHz)		QP	30m	ŝ
	1.705MHz-30MHz		30	10°	and the second s	QP	30m	6
	30MHz-88MHz		100	6		QP		
	88MHz-216MHz		150	8	- Carl	QP		
	216MHz-960MH	200	4	0	QP	3m		
	960MHz-1GHz	500			QP	JIII		
	Above 1GHz		500		Average			
	Above Toriz	8	5000		F	Peak		
Test setup:	For radiated emiss	[+]	< 3m > Test A um Table-			z		
			1	Receive				

7.10.2 Radiated Emission Method







Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	AC 120V, 6	60Hz	8 8	8	2	8 - 6
Test results:	Pass	5 5	ß	2 8	1	2 2

Measurement data:

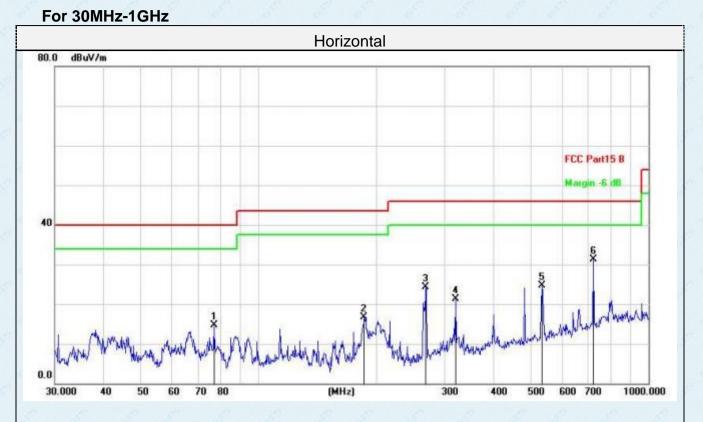
Remarks:

- 1. During the test, pre-scan the GFSK, π /4-DQPSK, 8-DPSK modulation, and found the GFSK modulation which it is worse case.
- 2. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

■ 9kHz~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.

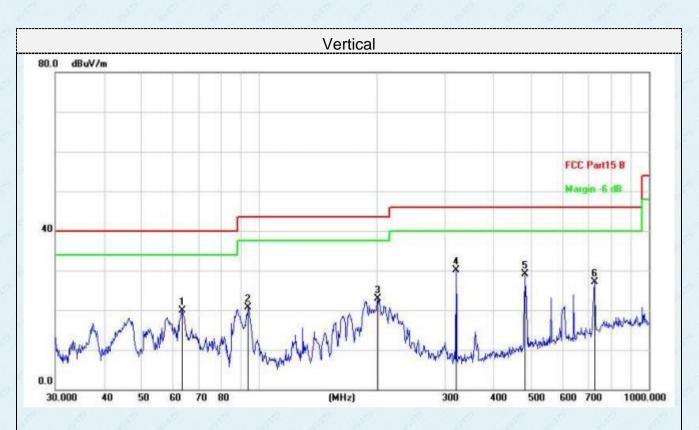




No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		76.7808	35.19	-20.53	14.66	40.00	-25.34	QP
2		186.4409	35.91	-19.18	16.73	43.50	-26.77	QP
3		268.4853	43.37	-19.04	24.33	46.00	-21.67	QP
4		319.9370	39.43	-18.12	21.31	46.00	-24.69	QP
5		533.8321	39.01	-14.24	24.77	46.00	-21.23	QP
6	*	721.7259	42.78	-11.46	31.32	46.00	-14.68	QP

Final Level =Receiver Read level + Correct Factor





No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		63.5356	39.02	-19.16	19.86	40.00	-20.14	QP
2		93.7685	41.72	-21.01	20.71	43.50	-22.79	QP
3		201.3930	43.06	-20.13	22.93	43.50	-20.57	QP
4	*	319.9370	47.58	-17.56	30.02	46.00	-15.98	QP
5		480.5276	44.76	-15.67	29.09	46.00	-16.91	QP
6		724.2611	38.11	-10.93	27.18	46.00	-18.82	QP

Final Level =Receiver Read level + Correct Factor

For 1GHz to 25GHz

Remark: For test above 1GHz GFSK and Pi/4 DQPSK were test at Low, Middle, and High channel; only the worst result of GFSK was reported as below:

CH Low (2402MHz)

Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
4804	61.33	-3.61	57.72	74	-16.28	peak
4804	45.58	-3.61	41.97	54	-12.03	AVG
7206	54.98	-0.85	54.13	74	-19.87	peak
7206	44.22	-0.85	43.37	54	-10.63	AVG
<u></u>	<u>n</u>	8 8	2 &	8 8	2 8	<u>_</u>
e <u> </u>	8 _ 8	<u>8</u>	P 12 8	<u>R.</u> 6	<u></u>	\$

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier.

Vertical:

crtical.	6	18 (18)		- 63 - 63		6
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detecto
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
4804	60.31	-3.61	56.7	74	-17.3	peak
4804	45.59	-3.61	41.98	54	-12.02	AVG
7206	56.33	-0.85	55.48	74	-18.52	peak
7206	44.82	-0.85	43.97	54	-10.03	AVG
2 <u></u> B	8 8	ß	<u>e 1. 1</u>	<u>ß-</u> ß	<u>12</u>	8 6
<u>1</u>	<u></u>	s <u></u> s	2	££	2	

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier.

CH Middle (2441MHz)

Horizontal:

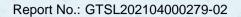
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	S a
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4882	61.38	-3.49	57.89	74	-16.11	peak
4882	46.79	-3.49	43.3	54	-10.7	AVG
7326	57.93	-0.8	57.13	74	-16.87	peak
7326	45.08	-0.8	44.28	54	-9.72	AVG
9 - <u></u> 8	S S	& <u></u> - 6	9 <u>8-</u> 8	<u>6</u> - 6	<u></u>	£ (
<u></u>	<u></u>	88	1	8 8	1	<u></u>

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier.

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4882	60.37	-3.49	56.88	74	-17.12	peak
4882	45.29	-3.49	41.8	54	-12.2	AVG
7326	54.72	-0.80	53.92	74	-20.08	peak
7326	42.31	-0.8	41.51	54	-12.49	AVG
<u></u>	4	8 8	2 8	8 - 8	2 8	<u></u>
8 _ 8	8 8	<u></u>	9 <u>1</u> 1	<u></u>	2 <u>1</u>	8

Vertical:

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



CH High (2480MHz) Horizontal:

GTS

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	- 8
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4960	62.35	-3.41	58.94	74	-15.06	peak
4960	45.95	-3.41	42.54	54	-11.46	AVG
7440	55.36	-0.72	54.64	74	-19.36	peak
7440	42.79	-0.8	41.99	54	-12.01	AVG
<u> </u>	<u>_</u>	£	3 <u></u> 6	£ &	<u> </u>	<u></u>
e <u> </u>	8	8 <u>-</u>	8 8 <u>-</u> 8	2 <u>6</u> 6	<u> </u>	8

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	5
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4960	61.35	-3.41	57.94	74	-16.06	peak
4960	45.79	-3.41	42.38	54	-11.62	AVG
7440	55.35	-0.72	54.63	74	-19.37	peak
7440	42.90	-0.80	42.10	54	-11.90	AVG
<u> </u>	<u>£</u>	£	<u> </u>	8 8	1 <u></u> &	<u>4</u>
8 8	8 _ 8	8 6	° 8 <u>.</u> 8	<u>e</u> 6	<u>e</u>	8 6

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Remark:

(1) Data of measurement within this frequency range shown "--- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
 (2) When the test results of Peak Detected below the limits of Average Detected.

(2) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed.



8 Test Setup Photo

Reference to the appendix I for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

-----End-----