



TEST REPORT

Applicant: Shantou Xiangyu Technology Co., Ltd
Address of Applicant: 4th Floor, No. 5 Heng 4, Lane 4, Gangkou Fengxin 1st Road, Fengxiang Street, Chenghai District, Shantou City
Manufacturer/Factory: Shantou Xiangyu Technology Co., Ltd
Address of Manufacturer/Factory: 4th Floor, No. 5 Heng 4, Lane 4, Gangkou Fengxin 1st Road, Fengxiang Street, Chenghai District, Shantou City
Product Name: storm
Model No.: HY-30,CX-STARs,A19,JS22,JS23,JS25,JS29,JS36,M5,S1GPS, S11,X11,X21,X22,X23,X25,J17,J20,J21,X25
Trade Mark: N/A
FCC ID: 2BEAT-HY30
Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.249
Date of Test: Dec.26,2023-Dec.27,2023
Date of report issued: Jan.09,2024
Test Result : PASS

Remark:

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

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The report would be invalid without specific stamp of test institute and the signatures of compiler and approver

Prepared By

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Report Revision History		
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1 Test Summary

Test Item	Section in CFR 47	Result	Test by
Antenna requirement	15.203	Pass	/
AC Power Line Conducted Emission	15.207	N/A	/
Field strength of the fundamental signal	15.249 (a)	Pass	Qiao Li
Spurious emissions	15.249 (a) (d)/15.209	Pass	Qiao Li
Band edge	15.249 (d)/15.205	Pass	Yvan Fan
20dB Occupied Bandwidth 99% Occupied Bandwidth	15.215 (c)	Pass	Yvan Fan

Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. N/A: Not applicable.
3. Test according to ANSI C63.10:2013

Measurement Uncertainty

Test Item	Uncertainty Criterion	Measurement Uncertainty	Notes
Occupied Channel Bandwidth	±5%	±0.55%	(1)
RF output power, conducted	±1.5dB	±0.99dB	(1)
Power Spectral Density, conducted	±3dB	±0.61dB	(1)
Unwanted Emissions, conducted	±3dB	±0.64dB	(1)
AC Power Line Conducted Emission	±6dB	± 3.02 dB	(1)
Radiated emissions Below 1GHz	±6dB	±4.30 dB	(1)
Radiated emissions Above 1GHz	±6dB	±4.35 dB	(1)
Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.			

2 General Information

2.1 General Description of EUT

Product Name:	storm
Model No.:	HY-30, CX-STARS,A19,JS22,JS23,JS25,JS29,JS36,M5,S1GPS, S11,X11,X21,X22,X23,X25,J17,J20,J21,X25
Model of difference:	All the model are the same circuit and RF module, except the model names and colors.
Test model:	HY-30
Sample(s) Status:	Engineer sample
Hardware Version:	N/A
Software Version:	N/A
Operation Frequency:	2410MHz~2470MHz
Channel numbers:	61
Channel separation:	1MHz
Modulation type:	GFSK
Antenna Type:	Wire Antenna
Antenna gain:	0.17dBi (Note: Antenna information is provided by applicant, Testing lab is not responsible for the accuracy of the information.)
Battery:	N/A
Power supply:	DC 4.5V From 3*AAA battery

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2410 MHz	17	2426 MHz	33	2442 MHz	49	2458MHz
2	2411 MHz	18	2427 MHz	34	2443 MHz	50	2459MHz
3	2412 MHz	19	2428 MHz	35	2444 MHz	51	2460MHz
4	2413 MHz	20	2429 MHz	36	2445 MHz	52	2461MHz
5	2414 MHz	21	2430 MHz	37	2446 MHz	53	2462MHz
6	2415 MHz	22	2431 MHz	38	2447 MHz	54	2463MHz
7	2416 MHz	23	2432 MHz	39	2448 MHz	55	2464MHz
8	2417 MHz	24	2433 MHz	40	2449 MHz	56	2465MHz
9	2418 MHz	25	2434 MHz /	41	2450 MHz	57	2466MHz
10	2419 MHz	26	2435 MHz	42	2451 MHz	58	2467MHz
11	2420 MHz	27	2436 MHz	43	2452 MHz	59	2468MHz
12	2421 MHz	28	2437 MHz	44	2453 MHz	60	2469MHz
13	2422 MHz	29	2438 MHz	45	2454 MHz	61	2470MHz
14	2423 MHz	30	2439 MHz	46	2455 MHz	/	
15	2424 MHz	31	2440 MHz	47	2456 MHz	/	
16	2425 MHz	32	2441 MHz	48	2457 MHz	/	

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	2410 MHz
The middle channel	2440 MHz
The Highest channel	2470 MHz

2.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
Remark: For battery operated equipment, the EUT was performed using a new DC 4.5V battery.	

2.3 Description of Support Units

No.	Description	Manufacturer	Model	Serial Number
1	/	/	/	/

2.4 Deviation from Standards

None.

2.5 Abnormalities from Standard Conditions

None.

2.6 Test Facility

Test laboratory:	Shenzhen ETR Standard Technology Co., Ltd.
CNAS Registration Number:	L11864
A2LA Certificate Number:	6640.01
FCC Designation Number:	CN1326
FCC Test Firm Registration:	183064

2.7 Test Location

All tests were performed at:	
Laboratory location:	No.103, No.10, Phase I, Zone 3, Xinxing Industrial Park, Xinhe, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Telephone:	+86 755 85259392
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2.8 Additional Instructions

Test Software	Special test command provided by manufacturer
Power level setup	Default

3 Test Instruments list

Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	EMI Test Receiver	Rohde&schwarz	ESCI7	100605	2023.3.02	2024.3.01
2	EMI Test Receiver	Rohde&schwarz	ESCI3	102696	2023.3.02	2024.3.01
3	Loop Antenna	schwarabeck	FMZB 1519 B	FMZB 1519 B	2022.3.11	2024.3.10
4	Broadband antenna	schwarabeck	VULB9168	1064	2022.3.11	2024.3.10
5	Horn antenna	schwarabeck	BBHA9120D	9120D-1145	2022.3.11	2024.3.10
6	amplifier	EMtrace	RP01A	50117	2023.3.02	2024.3.01
7	Artificial power network	schwarabeck	NSLK8127	8127483	2023.3.02	2024.3.01
8	Artificial power network	ETS	3186/2NM	1132	2023.3.02	2024.3.01
9	10dB attenuator	HUBER+SUHNER	10dB	/	2023.3.02	2024.3.01
10	amplifier	Space-Dtronics	EWLAN0118G-P40	19113001	2023.3.02	2024.3.01
11	Filter	Xingbo	XBLBQ-GTA19	210410-3-1	2023.3.06	2024.3.05
12	Spectrum analyzer	KEYSIGHT	N9020A	MY55370280	2023.3.02	2024.3.01
13	Power detector box	MWRFTest	MW100-PSB	MW201020JYT	2023.10.18	2024.10.17
14	Power meter	Rohde&Schwarz	NRP-Z11	1138.3004.02-117725-vh	2023.03.30	2024.3.29
15	amplifier	SKET	LNPA_1840-50 (18-40GHz)	SK2019040302	2023.8.16	2024.8.15
16	Horn antenna	schwarabeck	BBHA 9170	946	2022.3.11	2024.3.10
17	Spectrum analyzer	Rohde&schwarz	FSU40	1166.1660K43	2023.8.16	2024.8.15

Note: the calibration interval of the above test instruments is 12 or 24 months and the calibrations are traceable to international system unit (SI).

Software Name	Manufacturer	Model	Version
RF test software	MWRFTest	MTS 8310	V2.0.0.0
Conducted test software	EZ-EMC	Farad	Ver.EMC-CON 3A1.1
Radiated test software	EZ-EMC	Farad	Ver.FA-03A2 RE

4 Test results and Measurement Data

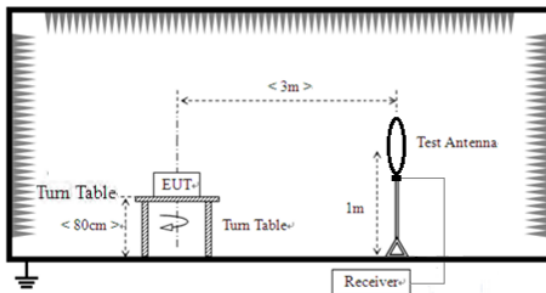
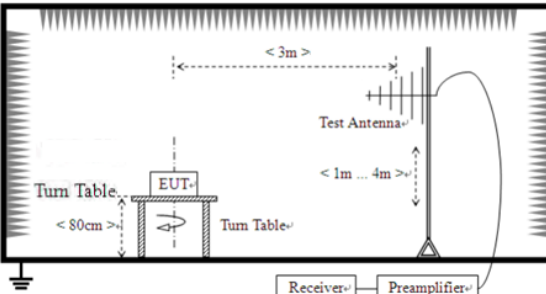
4.1 Antenna requirement

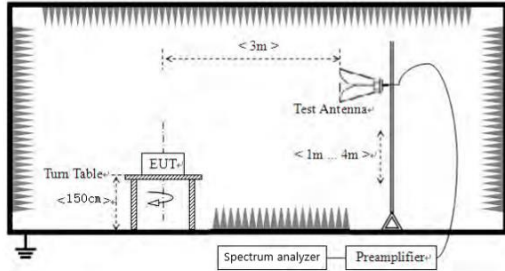
Standard requirement:
FCC part 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional 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.
EUT Antenna:
The antenna is Wire antenna, the best case gain of the antenna is 0.17dBi, reference to the appendix II for details.

4.2 Conducted Emissions

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=9KHz, VBW=30KHz, Sweep time=auto					
Limit:	Frequency range (MHz)		Limit (dBuV)			
			Quasi-peak		Average	
	0.15-0.5		66 to 56*		56 to 46*	
	0.5-5		56		46	
	5-30		60		50	
* Decreases with the logarithm of the frequency.						
Test setup:	Reference Plane 40cm LISN AUX Equipment E.U.T LISN Filter AC power EMI Receiver 80cm Test table/Insulation plane Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m					
Test procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.					
Test Instruments:	Refer to section 3.0 for details					
Test mode:	Refer to section 2.2 for details					
Test environment:	Temp.:	/°C	Humid.:	/%	Press.:	/mbar
Test voltage:	N/A					
Test results:	N/A: EUT power by DC 4.5V form battery, So this test item not applicale.					

4.3 Radiated Emission measurement

Test Requirement:	FCC Part15 C Section 15.209 & 15.249 (a) &(d).				
Test Method:	ANSI C63.10: 2013				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	9kHz-150kHz	Quasi-peak	200Hz	300Hz	Quasi-peak Value
	150kHz-30MHz	Quasi-peak	9kHz	10kHz	Quasi-peak Value
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		Peak	1MHz	10Hz	Average Value
Limit: (Field strength of the fundamental signal)	Frequency	Limit (dBuV/m @3m)		Remark	
	2400MHz-2483.5MHz	94.00		Average Value	
		114.00		Peak Value	
Limit: (Spurious Emissions)	Frequency	Limit (uV/m)		Remark	
	0.009MHz-0.490MHz	2400/F(kHz) @300m		Quasi-peak Value	
	0.490MHz-1.705MHz	24000/F(kHz) @30m		Quasi-peak Value	
	1.705MHz-30.0MHz	30 @30m		Quasi-peak Value	
	30MHz-88MHz	100 @3m		Quasi-peak Value	
	88MHz-216MHz	150 @3m		Quasi-peak Value	
	216MHz-960MHz	200 @3m		Quasi-peak Value	
	960MHz-1GHz	500 @3m		Quasi-peak Value	
	Above 1GHz	500 @3m		Average Value	
		5000 @3m		Peak Value	
Limit: (band edge)	Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.				
Test setup:	For radiated emissions from 9kHz to 30MHz				
					
Test setup:	For radiated emissions from 30MHz to 1GHz				
					

	For radiated emissions above 1GHz					
						
Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters 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. 6. 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 3.0 for details					
Test mode:	Refer to section 2.2 for details					
Test environment:	Temp.:	24.2 °C	Humid.:	47%	Press.:	1012mbar
Test voltage:	DC4.5V					
Test results:	Pass					

4.3.1 Field Strength of The Fundamental Signal

Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2410.00	85.99	-13.89	72.10	114.00	-41.90	Vertical
2410.00	88.69	-13.89	74.80	114.00	-39.20	Horizontal
2440.00	85.55	-13.77	71.78	114.00	-42.22	Vertical
2440.00	87.84	-13.77	74.07	114.00	-39.93	Horizontal
2470.00	85.28	-13.69	71.59	114.00	-42.41	Vertical
2470.00	89.64	-13.69	75.95	114.00	-38.05	Horizontal

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2410.00	83.48	-13.89	69.59	94.00	-24.41	Vertical
2410.00	80.65	-13.89	66.76	94.00	-27.24	Horizontal
2440.00	77.32	-13.77	63.55	94.00	-30.45	Vertical
2440.00	81.01	-13.77	67.24	94.00	-26.76	Horizontal
2470.00	78.73	-13.69	65.04	94.00	-28.96	Vertical
2470.00	82.71	-13.69	69.02	94.00	-24.98	Horizontal

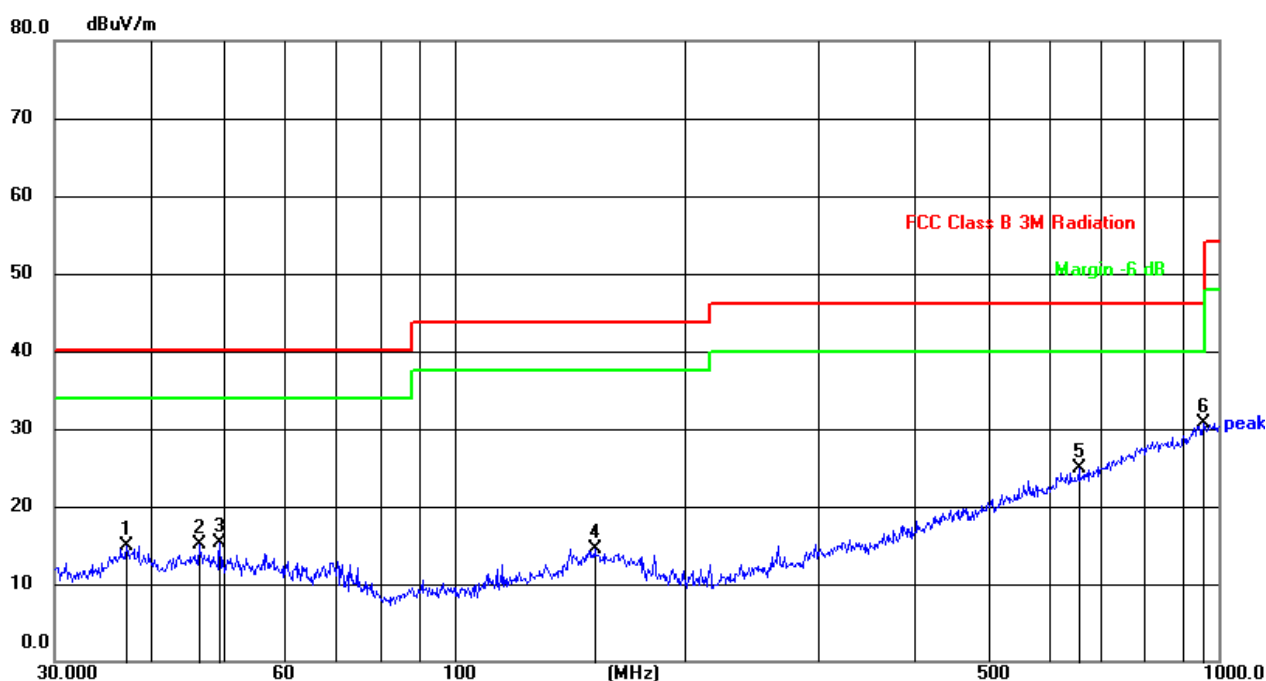
4.3.2 Spurious emissions

■ Below 30MHz

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

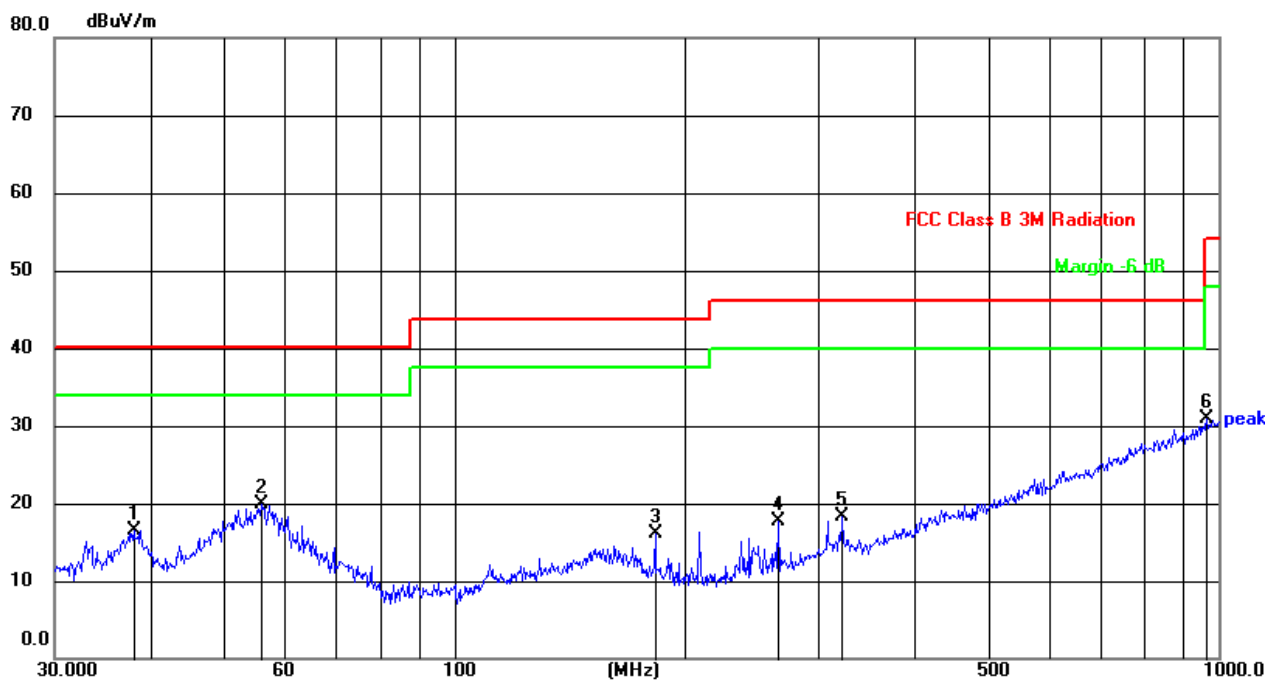
■ Below 1GHz

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	37.2854	36.19	-21.36	14.83	40.00	-25.17	QP
2	46.3402	36.46	-21.36	15.10	40.00	-24.90	QP
3	49.3594	36.99	-21.74	15.25	40.00	-24.75	QP
4	152.6640	35.02	-20.52	14.50	43.50	-29.00	QP
5	656.5300	35.17	-10.25	24.92	46.00	-21.08	QP
6	955.4380	34.50	-3.76	30.74	46.00	-15.26	QP

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	38.0782	37.78	-21.24	16.54	40.00	-23.46	QP
2	56.0007	42.07	-22.25	19.82	40.00	-20.18	QP
3	183.2005	38.72	-22.70	16.02	43.50	-27.48	QP
4	265.6757	39.55	-21.86	17.69	46.00	-28.31	QP
5	322.1885	37.63	-19.39	18.24	46.00	-27.76	QP
6	965.5420	34.61	-3.67	30.94	54.00	-23.06	QP

■ Above 1GHz

Test channel:	Lowest channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4820.00	64.73	-9.88	54.85	74.00	-19.15	Horizontal
7230.00	52.82	-4.17	48.65	74.00	-25.35	Horizontal
9640.00	---	---	---	---	---	Horizontal
12050.00	---	---	---	---	---	Horizontal
4820.00	63.77	-9.88	53.89	74.00	-20.11	Vertical
7230.00	53.00	-4.17	48.83	74.00	-25.17	Vertical
9640.00	---	---	---	---	---	Vertical
12050.00	---	---	---	---	---	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4820.00	47.66	-9.88	37.78	54.00	-16.22	Horizontal
7230.00	34.66	-4.17	30.49	54.00	-23.51	Horizontal
9640.00	---	---	---	---	---	Horizontal
12050.00	---	---	---	---	---	Horizontal
4820.00	47.69	-9.88	37.81	54.00	-16.19	Vertical
7230.00	34.05	-4.17	29.88	54.00	-24.12	Vertical
9640.00	---	---	---	---	---	Vertical
12050.00	---	---	---	---	---	Vertical

Remark:

1. Final Level =Receiver Read level +Correction Factor(Antenna Factor + Cable Loss – Preamplifier Factor)
2. The emission levels of other frequencies are more than 20 dB below the limit and not show in test report.
3. “---”, means this data is the too weak instrument of signal is unable to test.

Test channel:	Middle channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	63.75	-9.79	53.96	74.00	-20.04	Horizontal
7320.00	53.35	-3.83	49.52	74.00	-24.48	Horizontal
9760.00	---	---	---	---	---	Horizontal
12200.00	---	---	---	---	---	Horizontal
4880.00	64.40	-9.79	54.61	74.00	-19.39	Vertical
7320.00	52.68	-3.83	48.85	74.00	-25.15	Vertical
9760.00	---	---	---	---	---	Vertical
12200.00	---	---	---	---	---	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	47.32	-9.79	37.53	54.00	-16.47	Horizontal
7320.00	37.29	-3.83	33.46	54.00	-20.54	Horizontal
9760.00	---	---	---	---	---	Horizontal
12200.00	---	---	---	---	---	Horizontal
4880.00	46.80	-9.79	37.01	54.00	-16.99	Vertical
7320.00	37.46	-3.83	33.63	54.00	-20.37	Vertical
9760.00	---	---	---	---	---	Vertical
12200.00	---	---	---	---	---	Vertical

Remark:

1. Final Level = Receiver Read level + Correction Factor (Antenna Factor + Cable Loss – Preamplifier Factor)
2. The emission levels of other frequencies are more than 20 dB below the limit and not show in test report.
3. “*”, means this data is the too weak instrument of signal is unable to test.

Test channel:	Highest channel
---------------	-----------------

Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4940.00	64.57	-9.68	54.89	74.00	-19.11	Horizontal
7410.00	53.11	-3.50	49.61	74.00	-24.39	Horizontal
9880.00	---	---	---	---	---	Horizontal
12350.00	---	---	---	---	---	Horizontal
4940.00	62.95	-9.68	53.27	74.00	-20.73	Vertical
7410.00	52.15	-3.50	48.65	74.00	-25.35	Vertical
9880.00	---	---	---	---	---	Vertical
12350.00	---	---	---	---	---	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4940.00	44.87	-9.68	35.19	54.00	-18.81	Horizontal
7410.00	33.94	-3.50	30.44	54.00	-23.56	Horizontal
9880.00	---	---	---	---	---	Horizontal
12350.00	---	---	---	---	---	Horizontal
4940.00	45.00	-9.68	35.32	54.00	-18.68	Vertical
7410.00	33.34	-3.50	29.84	54.00	-24.16	Vertical
9880.00	---	---	---	---	---	Vertical
12350.00	---	---	---	---	---	Vertical

Remark:

1. *Final Level = Receiver Read level + Correction Factor (Antenna Factor + Cable Loss – Preamplifier Factor)*
2. *The emission levels of other frequencies are more than 20 dB below the limit and not show in test report.*
3. *“---”, means this data is too weak instrument of signal is unable to test.*

4.3.3 Bandedge emissions

All of the restriction bands were tested, and only the data of worst case was exhibited.

Test channel:	Lowest channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	59.74	-14.50	45.24	74.00	-28.76	Horizontal
2400.00	62.31	-14.45	47.86	74.00	-26.14	Horizontal
2390.00	59.91	-14.50	45.41	74.00	-28.59	Vertical
2400.00	62.61	-14.45	48.16	74.00	-25.84	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	48.16	-14.50	33.66	54.00	-20.34	Horizontal
2400.00	50.08	-14.45	35.63	54.00	-18.37	Horizontal
2390.00	46.85	-14.50	32.35	54.00	-21.65	Vertical
2400.00	47.66	-14.45	33.21	54.00	-20.79	Vertical

Test channel:	Highest channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	61.59	-14.13	47.46	74.00	-26.54	Horizontal
2500.00	61.83	-14.06	47.77	74.00	-26.23	Horizontal
2483.50	62.50	-14.13	48.37	74.00	-25.63	Vertical
2500.00	61.67	-14.06	47.61	74.00	-26.39	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	47.38	-14.13	33.25	54.00	-20.75	Horizontal
2500.00	46.03	-14.06	31.97	54.00	-22.03	Horizontal
2483.50	48.20	-14.13	34.07	54.00	-19.93	Vertical
2500.00	46.18	-14.06	32.12	54.00	-21.88	Vertical

Remark:

1. *Final Level = Receiver Read level + Correction Factor (Antenna Factor + Cable Loss – Preamplifier Factor)*

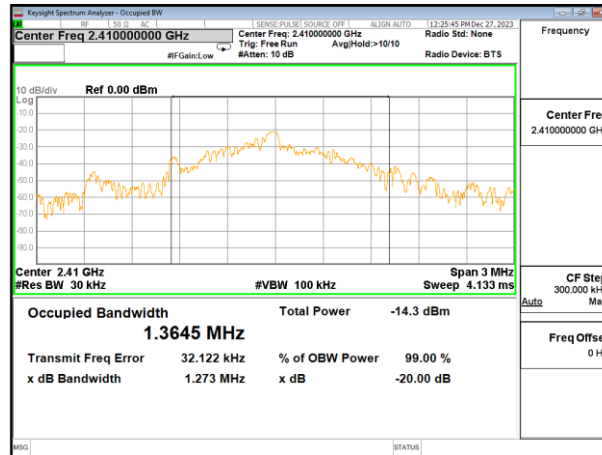
4.4 20dB Bandwidth and 99% bandwidth

Measurement Data

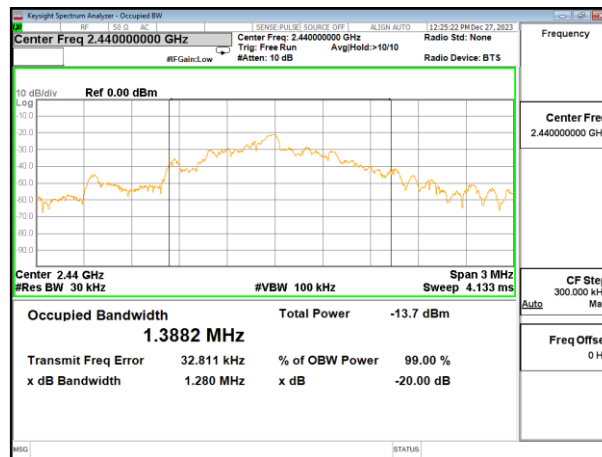
Test channel	20dB bandwidth(MHz)	Result
Lowest	1.273	Pass
Middle	1.280	
Highest	1.288	

Test channel	99% bandwidth(MHz)	Result
Lowest	1.3645	Pass
Middle	1.3882	
Highest	1.3902	

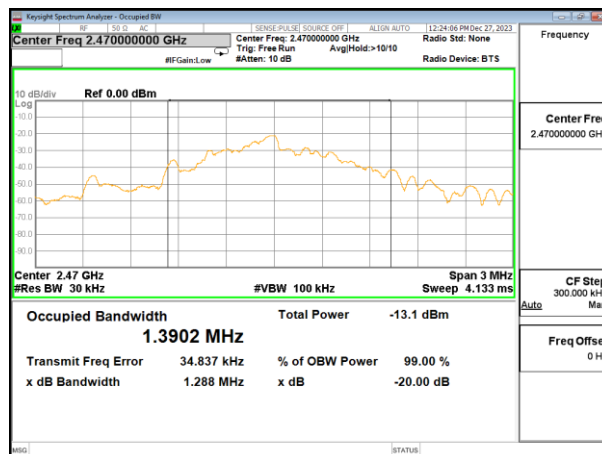
Test plot as follows:



Lowest channel



Middle channel



Highest channel

5 Test Setup Photo

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

6 EUT Constructional Details

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

-----End-----