



Test Report

Report No.: RKEYS250829166

Date: Oct. 09, 2025

Page 1 of 29

FCC RF TEST REPORT

For

Product: Series of building blocks

Model: 675003, 675004

FCC ID:2BR8T-675003

Report No.: RKEYS250829166

Issued for

**SHANTOU CITY CHENGHAI AREA HUADA TOY CO.,LTD.
GUANGFENG INDUSTRIAL PARK,DENGFENG ROAD,GUANGYI
STREET,CHENGHAI DISTRICT,SHANTOU CITY,GUANGDONG,CHINA**

Issued by

**Guangdong KEYS Testing Technology Co., Ltd.
Building 1, No.18, Shihuan Road, Dongcheng Subdistrict, Dongguan, Guangdong,
China**

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1. TEST CERTIFICATION

Product:	Series of building blocks
Trade mark:	/
Model:	675003, 675004
Applicant :	SHANTOU CITY CHENGHAI AREA HUADA TOY CO.,LTD.
Address:	GUANGFENG INDUSTRIAL PARK, DENG FENG ROAD, GUANGYI STREET, CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG, CHINA
Manufacturer:	SHANTOU CITY CHENGHAI AREA HUADA TOY CO.,LTD.
Address:	GUANGFENG INDUSTRIAL PARK, DENG FENG ROAD, GUANGYI STREET, CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG, CHINA
Sample Receive Date:	Aug. 29, 2025
Test Date:	Aug. 29, 2025~Oct. 09, 2025
Applicable Standards:	CFR 47, FCC Part 15.249
Application Purpose	Original Grant

The above equipment has been tested by Guangdong KEYS Testing Technology Co., Ltd. and found compliance with the requirements in the technical standards mentioned above. The test results presented in this report only relate to the product/system tested. The other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.



Prepared by:

Evan Fang / Engineer



Approved by:

Bruce Zhang / Manager

2. TEST SUMMARY

FCC Part 15C	Description of Test	Result
15.203	Antenna Requirement	Pass
15.215	20dB Bandwidth	Pass
15.249(a)	Field Strength of Fundamental	Pass
15.209& 15.249(d)	Band Edge	Pass
15.209& 15.249(d)	Radiated Spurious Emissions	Pass
15.207	Conducted Emission on AC Mains	N/A

N/A Means not applicable.

3. TEST SITE

3.1. TEST FACILITY

Guangdong KEYS Testing Technology Co., Ltd.

Address: Building 1, No.18, Shihuan Road, Dongcheng Subdistrict, Dongguan, Guangdong, China

A2LA Certificate Number.:7547.01

FCC Designation Number:CN1419

FCC Test Firm Registration Number:361541

3.2. MEASUREMENT UNCERTAINTY

Parameter	Uncertainty
Conducted Emission(150KHz-30MHz)	$\pm 3.2\text{dB}$
Radiated Emission(9kHz-30MHz)	$\pm 3.5\text{dB}$
Radiated Emission(30MHz-1GHz)	$\pm 4.7\text{dB}$
Radiated Emission (1GHz-6GHz)	$\pm 5.1\text{dB}$
Radiated Emission (6GHz-18GHz)	$\pm 5.1\text{dB}$
Bandwidth	$\pm 70\text{Hz}$

Note 1: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

3.3. TEST ENVIRONMENT CONDITION

Ambient Temperature:	24~25°C
Ambient Relative Humidity:	55~60 %

4. TEST EQUIPMENT LIST

Equipment	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCI	KEYS-EL-203	Mar. 03, 2025	1 Year
Pulse limiter	Rohde&Schwarz	ESH3-Z2	KEYS-EL-201	Mar. 03, 2025	1 Year
LISN	Rohde&Schwarz	ENV216	KEYS-EL-202	Mar. 03, 2025	1 Year
Shielding Room	Taihe Mao Rui Electronic Equipment Co., Ltd.	8m*4m*4m	KEYS-EL-230	Oct. 12, 2024	5 Year
EMI Test Receiver	Rohde&Schwarz	ESCI7	KEYS-EL-205	Mar. 03, 2025	1 Year
Logarithmic Periodic Broadband Antenna	SCHWARZBECK	VULB9168	KEYS-EL-209	Mar. 06, 2025	3 Year
Preamplifier	HP	8447F	KEYS-EL-210	Mar. 03, 2025	1 Year
Horn Antenna	SCHWARZBECK	BBHA 9120D	KEYS-EL-239	Mar. 06, 2025	3 Year
Preamplifier	/	1-18-53G22	KEYS-EL-240	Mar. 03, 2025	1 Year
Anechoic Chamber	Taihe Mao Rui Electronic Equipment Co., Ltd.	9m*6m*6m	KEYS-EL-230	Oct. 12, 2024	5 Year
Signal Analyzer	Keysight	N9020A	KEYS-EL-238	Mar. 03, 2025	1 Year
Spectrum Analyzer	Rohde&Schwarz	FSV-40N	KEYS-EL-269	Mar. 03, 2025	
18-40GHz	COM-MW	ZLB7-18-40G-	KEYS-EL-276	May 19, 2025	1 Year



Antenna		777			
18-40GHz Preamplifier	QUANJUDA	LNA-18004000 -50G35	KEYS-EL-277	May 17, 2025	1 Year
Filter	WCS Technology	ZBSF6-C2400- 2483.5-294	KEYS-EL-270	May 17, 2025	1 Year
RF Cable	Rosenberger	/	KEYS-EL-278	May 17, 2025	3 Year
RF Cable	COM-MW	DCA9-2.92M8 0002.92M3.6-1 304	KEYS-EL-279	May 17, 2025	3 Year
DC Power	Agilent	E3632A	KEYS-EL-243	Mar. 03, 2025	1 Year
Power Switch	WCS Technology	SMU-3002	KEYS-EL-247	Apr. 16, 2025	1 Year

Note: The attenuator is integrated into the Power Switch Box and taken into consideration during testing.

5. EUT DESCRIPTION

Product	Series of building blocks
Test Model	675003
Additional Model	675004
Rating	DC 3V from battery
FCC ID	2BR8T-675003
Antenna Type	PCB Antenna
Antenna Gain	-0.8dBi
Operation Frequency	2410-2470MHz
Number of Channels:	3
Modulation Type	GFSK
Note: 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2) Antenna gain was provided by the applicant/ manufacturer, and the applicant/ manufacturer is responsible for its validity. 3) The product model 675003 is the same PCB layout, electronic schematic and Antenna with 675004. 4) The test results in the report only apply to the tested sample.	

5.1. DESCRIPTION OF TEST CONFIGURATION

Channel List :

Channel No.	Frequency (MHz)
1	2410
2	2442
3	2470

5.2. EQUIPMENT MODIFICATIONS

Any modifications installed previous to testing by SHANTOU CITY CHENGHAI AREA HUADA TOY CO.,LTD. will be incorporated in each production model sold / leased in the United States.

No modifications were installed by KEYS Testing Technology Co., Ltd.

6. TEST METHODOLOGY

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.10-2020.

6.1. EUT SYSTEM OPERATION

For emissions testing, the equipment under test (EUT) setup to transmit continuously to simplify the measurement methodology. Care was taken to ensure proper power supply voltages during testing. During testing, all cables were manipulated to produce worst case emissions. The EUT was powered by DC 3V during the test.

7. SETUP OF EQUIPMENT UNDER TEST

7.1. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support Equipment

No.	Equipment	Model	Serial No.	Manufacturer
1	/	/	/	/
2	/	/	/	/

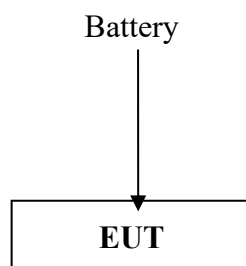
Support Cable

No.	Description	Shield	Length	Manufacturer
1	/	/	/	/
2	/	/	/	/

Note: 1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.

2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

7.2. BLOCK DIAGRAM OF EUT CONFIGURATION



(EUT: Series of building blocks)

7.3. EUT EXERCISE SOFTWARE

The EUT transmitting is Controlled by button and output power is default.

8. TEST RESULTS AND MEASUREMENT DATA

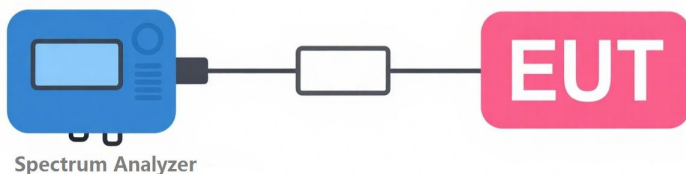
8.1. ANTENNA REQUIREMENT

Test Requirement:	FCC Part Part 15.203 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 shall be considered sufficient to comply with the provisions of this section.
Test Result:	According to the manufacturer declared, the EUT has a PCB antenna, the directional gain of antenna is -0.8dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision. Refer to EUT Photo for further details.

8.2. 20DB BANDWIDTH

Test Requirement:	FCC Part15.215
Test Mode:	Transmitting mode with modulation
Limit:	No limit Requirement
Test Procedure:	- Set resolution bandwidth (RBW)= 1-5% OBW. - Set the video bandwidth (VBW) $\geq 3 \times$ RBW. - Detector = Peak. - Trace mode = max hold. - Sweep= auto couple. - Allow the trace to stabilize. - Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.
Test Result:	PASS

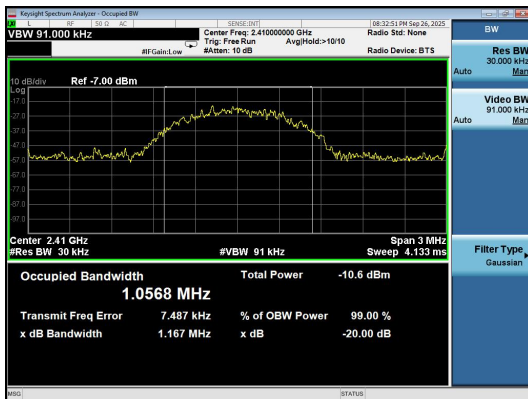
8.2.1.Test Setup



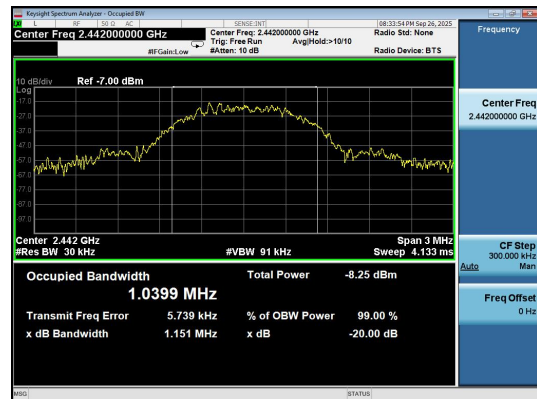
8.2.2.Test Result

Modulation	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	2410	1.167
	2442	1.151
	2470	1.188

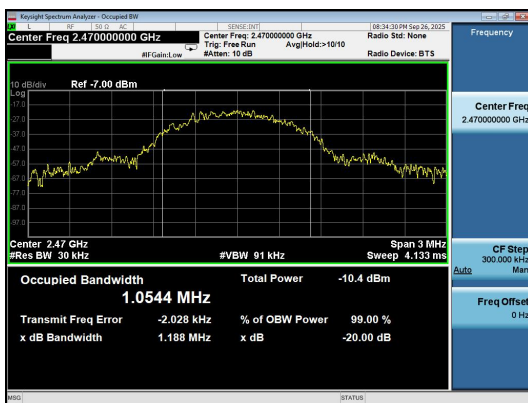
Test Graphs



GFSK_Frequency_2410MHz



GFSK_Frequency_2442MHz

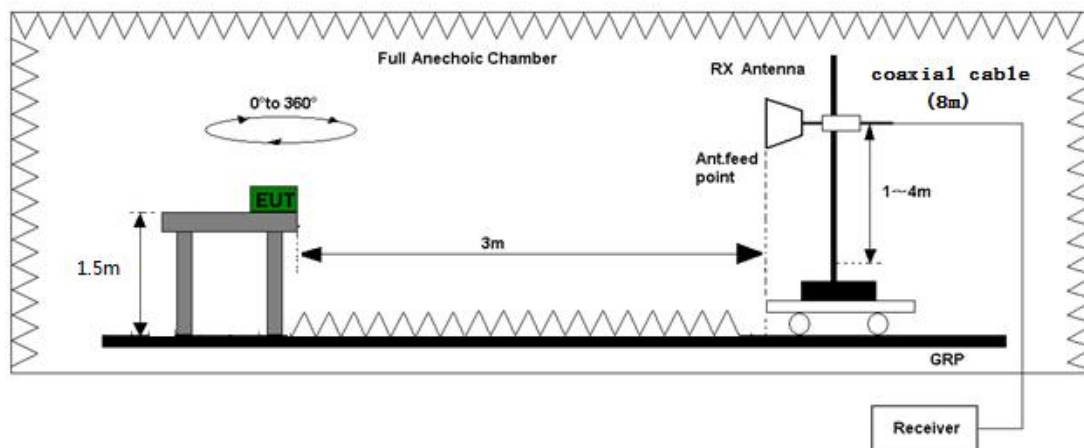


GFSK_Frequency_2470MHz

8.3. BAND EDGE

Test Requirement:	FCC Part15.249(d),15.209		
Test Mode:	Transmitting mode with modulation		
Limit:			
	Frequency Range(MHz)	Field Strength Limit (microvolts/meter)	Measurement Distance(meters)
	0.009~0.490	2400/F(kHz)	300
	0.490~1.705	24000/F(kHz)	30
	1.705~30.0	30	30
	30-88	100	3
	88-216	150	3
	216-960	200	3
	Above 960	500	3
Test Procedure:	According to 15.249 (d)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 15.209, whichever is the lesser attenuation through rotation.		
	1. The EUT was placed on a turntable with 1.5 meter for frequency above 1GHz respectively above ground.		
	2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.		
	3. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.		
	4. Set to the maximum power setting and enable the EUT transmit continuously.		
Test Result:	Pass		

8.3.1. Test Setup:



Test set-up of radiated disturbance (Above 1GHz)

8.3.2. Test Result

Test Voltage	DC 3V
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GFSK-2410MHz:

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)	Detector Type
Horizontal	2390.00	81.5	55.5	28.2	4.5	58.7	74.0	-15.3	PK
Horizontal	2390.00	61.4	55.5	28.2	4.5	38.6	54.0	-15.4	AV
Horizontal	2400.00	81.9	55.6	28.3	4.6	59.2	74.0	-14.8	PK
Horizontal	2400.00	61.4	55.6	28.3	4.6	38.7	54.0	-15.3	AV

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)	Detector Type
Vertical	2390.00	82.6	55.5	28.2	4.5	59.8	74.0	-14.2	PK
Vertical	2390.00	61.7	55.5	28.2	4.5	38.9	54.0	-15.1	AV
Vertical	2400.00	82.8	55.6	28.3	4.6	60.1	74.0	-13.9	PK
Vertical	2400.00	62.4	55.6	28.3	4.6	39.7	54.0	-14.3	AV

GFSK-2470MHz:

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)	Detector Type
Horizontal	2483.50	82.5	55.9	28.9	5.2	60.7	74.0	-13.3	PK
Horizontal	2483.50	61.9	55.9	28.9	5.2	40.1	54.0	-13.9	AV
Horizontal	2500.00	81.9	56.0	29.0	5.3	60.2	74.0	-13.8	PK
Horizontal	2500.00	60.6	56.0	29.0	5.3	38.9	54.0	-15.1	AV

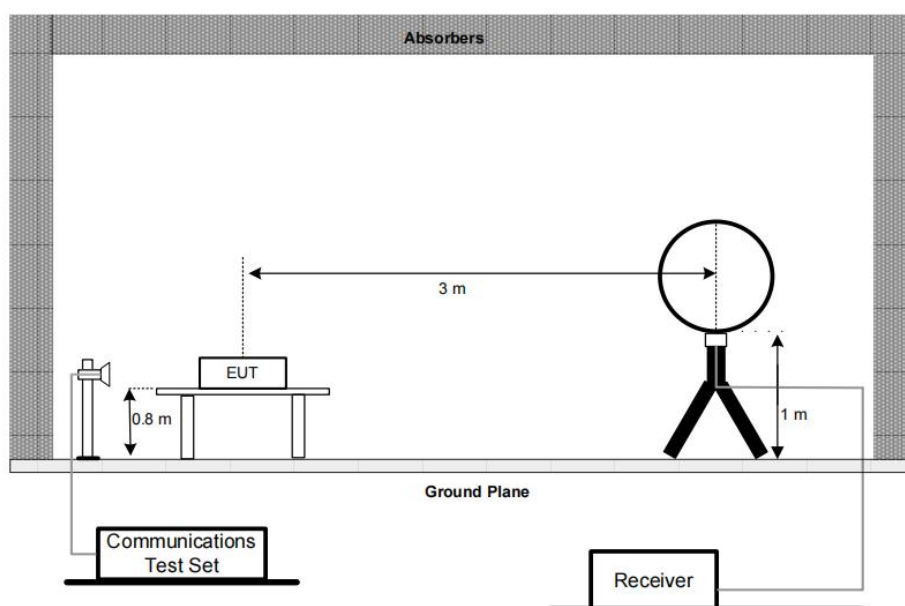
Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dB μ V/m)	Limit at 3m (dB μ V/m)	Margin (dB)	Detector Type
Vertical	2483.50	80.3	55.9	28.9	5.2	58.5	74.0	-15.5	PK
Vertical	2483.50	60.5	55.9	28.9	5.2	38.7	54.0	-15.3	AV
Vertical	2500.00	79.5	56.0	29.0	5.3	57.8	74.0	-16.2	PK
Vertical	2500.00	59.7	56.0	29.0	5.3	38.0	54.0	-16.0	AV

8.4. RADIATED SPURIOUS EMISSIONS

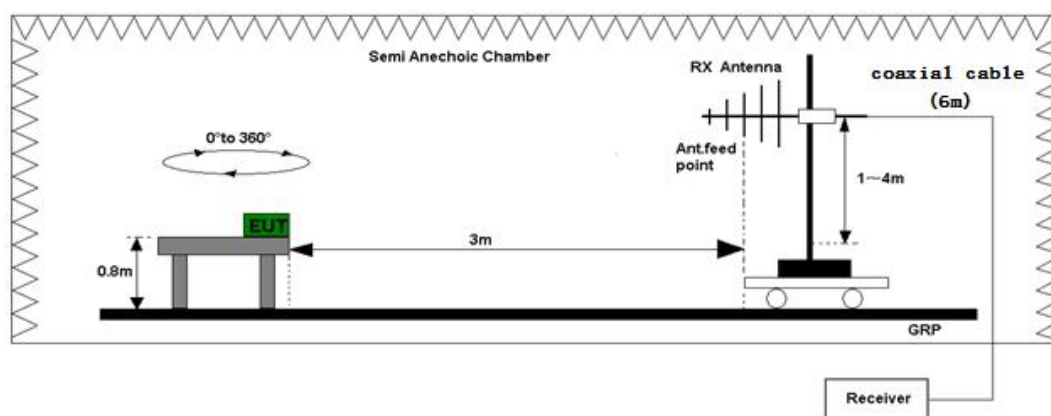
Test Requirement:	FCC Part 15.249(d),15.209																										
Test Mode:	Transmitting mode with modulation																										
Limit:	<table><tr><th>Frequency Range(MHz)</th><th>Field Strength Limit (microvolts/meter)</th><th>Measurement Distance(meters)</th></tr><tr><td>0.009~0.490</td><td>2400/F(kHz)</td><td>300</td></tr><tr><td>0.490~1.705</td><td>24000/F(kHz)</td><td>30</td></tr><tr><td>1.705~30.0</td><td>30</td><td>30</td></tr><tr><td>30-88</td><td>100</td><td>3</td></tr><tr><td>88-216</td><td>150</td><td>3</td></tr><tr><td>216-960</td><td>200</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>3</td></tr></table>			Frequency Range(MHz)	Field Strength Limit (microvolts/meter)	Measurement Distance(meters)	0.009~0.490	2400/F(kHz)	300	0.490~1.705	24000/F(kHz)	30	1.705~30.0	30	30	30-88	100	3	88-216	150	3	216-960	200	3	Above 960	500	3
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	30-88	100	3																								
	88-216	150	3																								
	216-960	200	3																								
	Above 960	500	3																								
	The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:																										
<table><tr><th>Fundamental Frequency Range(MHz)</th><th>Field Strength of fundamental (microvolts/meter)</th><th>Field strength of harmonics (microvolts/meter)</th></tr><tr><td>902~928</td><td>50</td><td>500</td></tr><tr><td>2400~2483.5</td><td>50</td><td>500</td></tr><tr><td>5725~5875</td><td>50</td><td>500</td></tr><tr><td>24.0-24.25</td><td>250</td><td>2500</td></tr></table>			Fundamental Frequency Range(MHz)	Field Strength of fundamental (microvolts/meter)	Field strength of harmonics (microvolts/meter)	902~928	50	500	2400~2483.5	50	500	5725~5875	50	500	24.0-24.25	250	2500										
Fundamental Frequency Range(MHz)	Field Strength of fundamental (microvolts/meter)	Field strength of harmonics (microvolts/meter)																									
902~928	50	500																									
2400~2483.5	50	500																									
5725~5875	50	500																									
24.0-24.25	250	2500																									
Test Procedure:	1. The EUT was placed on a turntable with 0.8 meter for frequency below1GHz and 1.5 meter for frequency above 1GHz respectively above ground.																										
	2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.																										
	3. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to																										

	comply with the guidelines. 4. Set to the maximum power setting and enable the EUT transmit continuously.
Test Result:	Pass

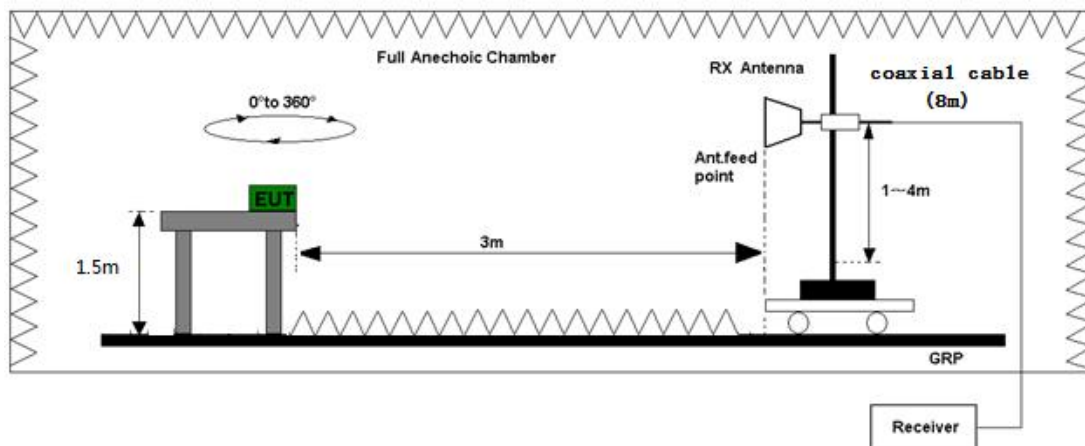
8.4.1.Test Setup:



Test set-up of radiated disturbance (Up to 30MHz)



Test set-up of radiated disturbance (30MHz to 1GHz)



Test set-up of radiated disturbance (Above 1GHz)

8.4.2. Test Result

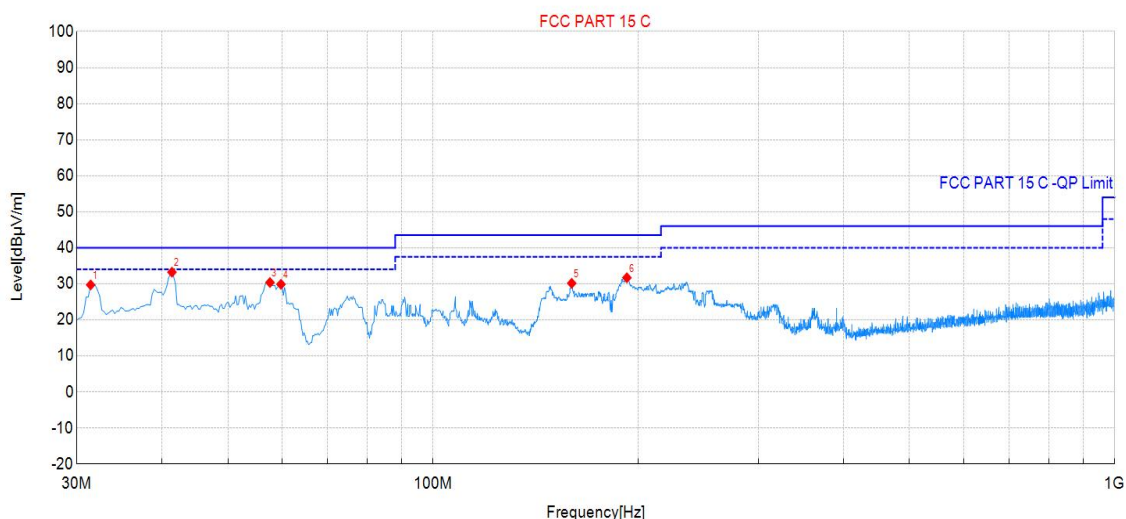
Test Voltage	DC 3V
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Worst-case Spurious Emission below 1GHz

GFSK-2410MHz

Please refer to the following diagram:

Vertical:



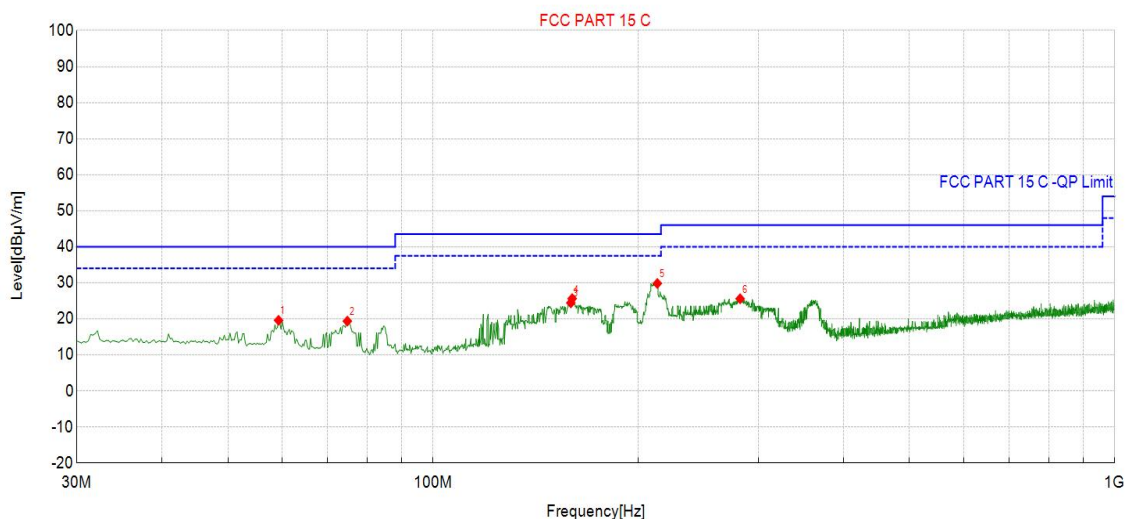
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	31.46	47.42	29.72	-17.70	40.00	10.28	100	5	QP	Vert	PASS
2	41.40	50.29	33.25	-17.04	40.00	6.75	100	125	QP	Vert	PASS
3	57.65	48.22	30.38	-17.84	40.00	9.62	100	143	QP	Vert	PASS
4	59.83	47.90	29.88	-18.02	40.00	10.12	100	259	QP	Vert	PASS
5	159.74	46.18	30.16	-16.02	43.50	13.34	100	296	QP	Vert	PASS
6	192.48	51.12	31.70	-19.42	43.50	11.80	100	57	QP	Vert	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

Horizontal:



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	59.34	37.58	19.60	-17.98	40.00	20.40	100	262	QP	Hori	PASS
2	74.86	39.48	19.39	-20.09	40.00	20.61	100	359	QP	Hori	PASS
3	159.25	40.48	24.45	-16.03	43.50	19.05	100	310	QP	Hori	PASS
4	159.98	41.65	25.62	-16.03	43.50	17.88	100	310	QP	Hori	PASS
5	213.33	49.27	29.83	-19.44	43.50	13.67	100	262	QP	Hori	PASS
6	282.20	42.78	25.59	-17.19	46.00	20.41	100	310	QP	Hori	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

Radiated Emissions (above 1GHz)

GFSK-2410MHz:

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dB μ V/m)	Limit at 3m (dB μ V/m)	Margin (dB)	Detector Type
Horizontal	2410.00	115.7	55.6	28.3	4.7	93.1	114.0	-20.9	PK
Horizontal	2410.00	106.9	55.6	28.3	4.7	84.3	94.0	-9.7	AV
Horizontal	4820.00	74.1	56.6	32.1	6.6	56.2	74.0	-17.8	PK
Horizontal	4820.00	60.1	56.6	32.1	6.6	42.2	54.0	-11.8	AV

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dB μ V/m)	Limit at 3m (dB μ V/m)	Margin (dB)	Detector Type
Vertical	2410.00	115.0	55.6	28.3	4.7	92.4	114.0	-21.6	PK
Vertical	2410.00	105.5	55.6	28.3	4.7	82.9	94.0	-11.1	AV
Vertical	4820.00	73.2	56.6	32.1	6.6	55.3	74.0	-18.7	PK
Vertical	4820.00	58.6	56.6	32.1	6.6	40.7	54.0	-13.3	AV

GFSK-2442MHz:

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dB μ V/m)	Limit at 3m (dB μ V/m)	Margin (dB)	Detector Type
Horizontal	2442.00	112.0	55.7	28.6	5.0	89.9	114.0	-24.1	PK
Horizontal	2442.00	104.7	55.7	28.6	5.0	82.6	94.0	-11.4	AV
Horizontal	4884.00	75.2	56.7	32.2	6.7	57.4	74.0	-16.6	PK
Horizontal	4884.00	61.1	56.7	32.2	6.7	43.3	54.0	-10.7	AV

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)	Detector Type
Vertical	2442.00	111.8	55.7	28.6	5.0	89.7	114.0	-24.3	PK
Vertical	2442.00	105.0	55.7	28.6	5.0	82.9	94.0	-11.1	AV
Vertical	4884.00	76.4	56.7	32.2	6.7	58.6	74.0	-15.4	PK
Vertical	4884.00	62.1	56.7	32.2	6.7	44.3	54.0	-9.7	AV

GFSK-2470MHz:

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)	Detector Type
Horizontal	2470.00	113.4	55.8	28.9	5.2	91.7	114.0	-22.3	PK
Horizontal	2470.00	105.1	55.8	28.9	5.2	83.4	94.0	-10.6	AV
Horizontal	4940.00	74.2	56.8	33.3	6.8	57.5	74.0	-16.5	PK
Horizontal	4940.00	59.2	56.8	33.3	6.8	42.5	54.0	-11.5	AV

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-Amp Gain (dB)	Antenna Factor (dB/m)	Cable Loss (dB)	Emission Level (dBμV/m)	Limit at 3m (dBμV/m)	Margin (dB)	Detector Type
Vertical	2470.00	112.0	55.8	28.9	5.2	90.3	114.0	-23.7	PK
Vertical	2470.00	104.7	55.8	28.9	5.2	83	94.0	-11	AV
Vertical	4940.00	75.3	56.8	33.3	6.8	58.6	74.0	-15.4	PK
Vertical	4940.00	59.7	56.8	33.3	6.8	43	54.0	-11	AV

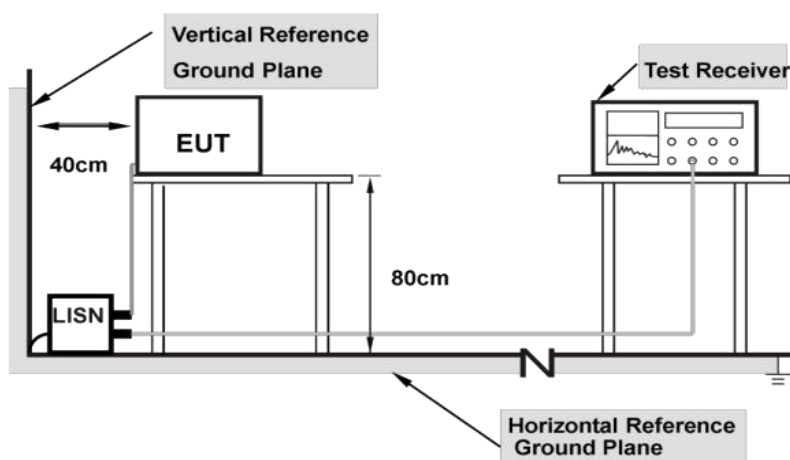
Note:(1)Emission Level=Reading-Pre-Amp.Gain+Antenna+Cable loss

(2)Margin=Level-limit

8.5. CONDUCTED EMISSION

Test Requirement:	FCC Part 15.207		
Test Mode:	Transmitting mode with modulation		
Limit:			
	Frequency of Emission (MHz)	Conducted 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 Procedure:	For tabletop equipment, the EUT along with its peripherals were placed on a 1.0m(W)×1.5m(L) and 0.8m in height wooden table. The EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane. The EUT was connected to power mains through a line impedance stabilization network (LISN), which provided 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room. The excess power cable between the EUT and the LISN was bundled.		
Test Result:	Pass		

8.5.1. Test Setup



8.5.2.Test Result

N/A.The EUT is only power by battery.

9. PHOTOGRAPHS OF TEST SET-UP

For photographs of the test set-up, refer to the appendix file.(Test Setup Photo)

10. PHOTOGRAPHS OF THE EUT

For photographs of the EUT, refer to the appendix file(EUT External Photos and EUT Internal Photos).

*** End of Report ***