



FCC Part 15C Test Report

FCC ID: 2BP7D-XK-5

Applicant: Shantou City Jianzhixingkong Technology Co., Ltd

Address: No. 17, Lane 7, Xinja Dongyuan Shangjiao, Chenghua Chenghai District, Shantou, China

Manufacturer: Shantou City Jianzhixingkong Technology Co., Ltd

Address: No. 17, Lane 7, Xinja Dongyuan Shangjiao, Chenghua Chenghai District, Shantou, China

Product Name: Remote control toys

Trade Mark: XIKOTEC

Model Number: XK-5, XK5

Date of Receipt: May 29, 2025

Test Date: May 29, 2025 – Jun. 12, 2025

Date of Report: Jun. 12, 2025

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

Applicable Standards: FCC PART 15 C 15.249
ANSI C63.10:2013

Test Result: Pass

Report Number: DLE-250529006R

Prepared by(Engineer): Ken Tan

Reviewer(Supervisor): Jack Bu

Approved(Manager): Jade Yang



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.



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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.249) , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	N/A	
15.205(a), 15.209(a) 15.249(a), 15.249(c)	Fundamental & Radiated Spurious Emission Measurement	PASS	
15.249(d)	Band Edge Emission	PASS	
15.215(c)	20dB Bandwidth	PASS	
15.203	Antenna Requirement	PASS	

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report

Test lab: Shenzhen DL Testing Technology Co., Ltd.

101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1

Address: Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

FCC Test Firm Registration Number: 854456

Designation Number: CN1307

IC Registered No.: 27485

CAB ID.: CN0118

1.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$ providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 2.56\text{dB}$
2	RF power, conducted	$\pm 0.42\text{dB}$
3	Spurious emissions, conducted	$\pm 2.76\text{dB}$
4	All emissions, radiated (<1G)	$\pm 3.65\text{dB}$
5	All emissions, radiated (>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5^\circ\text{C}$
7	Humidity	$\pm 2\%$
8	6dB Bandwidth	$\pm 0.2\text{MHz}$
9	Power Spectral Density	$\pm 2.45\text{dBm}$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Product Name:	Remote control toys
Trademark	XIKOTEC
Model No.:	XK-5, XK5
Model Difference	All the same except the model number.
Sample ID:	DLE-250529006-001#
Operation Frequency:	2410~2470MHz
Channel numbers:	61 Channels
Modulation technology:	GFSK
Antenna Type:	Cable Antenna
Antenna gain:	0.17 dBi
Power Supply:	DC 3.7V (toys) DC 4.5V (Remote control)

Note:

- 1.For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- 2.The EUT's all information provided by client.



Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2410	26	2436	52	2462
1	2411	27	2437	53	2463
2	2412	28	2438	54	2464
3	2413	29	2439	55	2465
4	2414	30	2440	56	2466
5	2415	31	2441	57	2467
6	2416	32	2442	58	2468
7	2417	33	2443	59	2469
8	2418	34	2444	60	2470
9	2419	35	2445		
10	2420	36	2446		
11	2421	36	2447		
12	2422	38	2448		
13	2423	39	2449		
14	2424	40	2450		
15	2425	41	2451		
16	2426	42	2452		
17	2427	43	2453		
18	2428	44	2454		
19	2429	45	2455		
20	2430	46	2456		
21	2431	47	2457		
22	2432	48	2458		
23	2433	49	2459		
24	2434	50	2460		
25	2435	51	2461		



2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	CH00
Mode 2	CH30
Mode 3	CH60

For Radiated Emission	
Final Test Mode	Description
Mode 1	CH00
Mode 2	CH30
Mode 3	CH60

Note: 1. The measurements are performed at the highest, middle, lowest available channels.



2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious Emission Test

E-1
EUT

2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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.

Item	Equipment	Model/Type No.	Series No.	Note
E-1	Remote control toys	XK-5	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.



2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation test, Band-edge test and 6db bandwidth test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	Agilent	E4408B	MY50140780	Nov. 01, 2024	Oct. 31, 2025
2	Test Receiver (9kHz-7GHz)	R&S	ESRP7	101393	Nov. 01, 2024	Oct. 31, 2025
3	Bilog Antenna (30MHz-1GHz)	R&S	VULB9162	00306	Nov. 01, 2024	Oct. 31, 2025
4	Horn Antenna (1GHz-18GHz)	Schwarzbeck	BBHA9120D	02139	Nov. 01, 2024	Oct. 31, 2025
5	Horn Antenna (18GHz-40GHz)	A.H. Systems	SAS-574	588	Nov. 01, 2024	Oct. 31, 2025
6	Amplifier (9KHz-6GHz)	Schwarzbeck	BBV9743B	00153	Nov. 01, 2024	Oct. 31, 2025
7	Amplifier (1GHz-18GHz)	EMEC	EM01G8GA	00270	Nov. 01, 2024	Oct. 31, 2025
8	Amplifier (18GHz-40GHz)	Quanjuda	DLE-161	97	Nov. 01, 2024	Oct. 31, 2025
9	Loop Antenna (9KHz-30MHz)	Schwarzbeck	FMZB1519B	00014	Nov. 01, 2024	Oct. 31, 2025
10	RF cables1 (9kHz-1GHz)	ChengYu	966	004	Nov. 01, 2024	Oct. 31, 2025
11	RF cables2 (1GHz-40GHz)	ChengYu	966	003	Nov. 01, 2024	Oct. 31, 2025
12	Antenna connector	Florida RF Labs	N/A	RF 01#	Nov. 01, 2024	Oct. 31, 2025
13	Power probe	KEYSIGHT	U2021XA	MY55210018	Nov. 01, 2024	Oct. 31, 2025
14	Signal Analyzer 9kHz-26.5GHz	Agilent	N9020A	MY55370280	Nov. 01, 2024	Oct. 31, 2025
15	Test Receiver 20kHz-40GHz	R&S	ESU 40	100376	Nov. 01, 2024	Oct. 31, 2025
16	D.C. Power Supply	LongWei	PS-305D	010964729	Nov. 01, 2024	Oct. 31, 2025
17	Power Meter	Ceyear	2438PA/PB	/	Nov. 01, 2024	Oct. 31, 2025
18	Peak/continuous wave power probe	Ceyear	81702F	/	Nov. 01, 2024	Oct. 31, 2025

Conduction Test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	843 Shielded Room	YIHENG	843 Room	843	Nov. 05, 2023	Nov. 04, 2026
2	EMI Receiver	R&S	ESR	101421	Nov. 01, 2024	Oct. 31, 2025
3	LISN	R&S	ENV216	102417	Nov. 01, 2024	Oct. 31, 2025
4	843 Cable 1#	ChengYu	CE Cable	001	Nov. 01, 2024	Oct. 31, 2025

Other

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ_EMCC	EMC-CON 3A1.1
2	EMC radiation test system	FALA	EZ_EMCC	FA-03A2
3	RF test system	MAIWEI	MTS8310	2.0.0.0
4	RF communication test system	MAIWEI	MTS8200	2.0.0.0



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION Limits

(Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Limit (dBuV)		Standard
	Quasi-peak	Average	
0.15 -0.50	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.1.2 TEST PROCEDURE

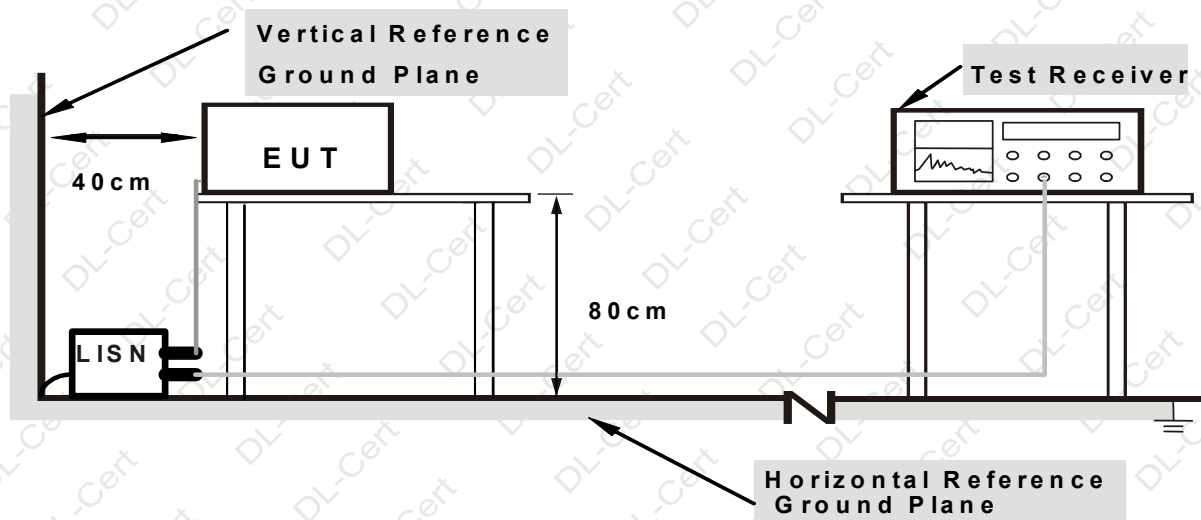
- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation



3.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.6 TEST RESULTS

The EUT is powered by a battery, This item is not applicable.



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (microvolt/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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	25GHz
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP



3.2.2 TEST PROCEDURE

Below 1GHz test procedure as below:

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable 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 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.

Above 1GHz test procedure as below:

- Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre.
- Test the EUT in the lowest channel, the middle channel, the Highest channel

Note:

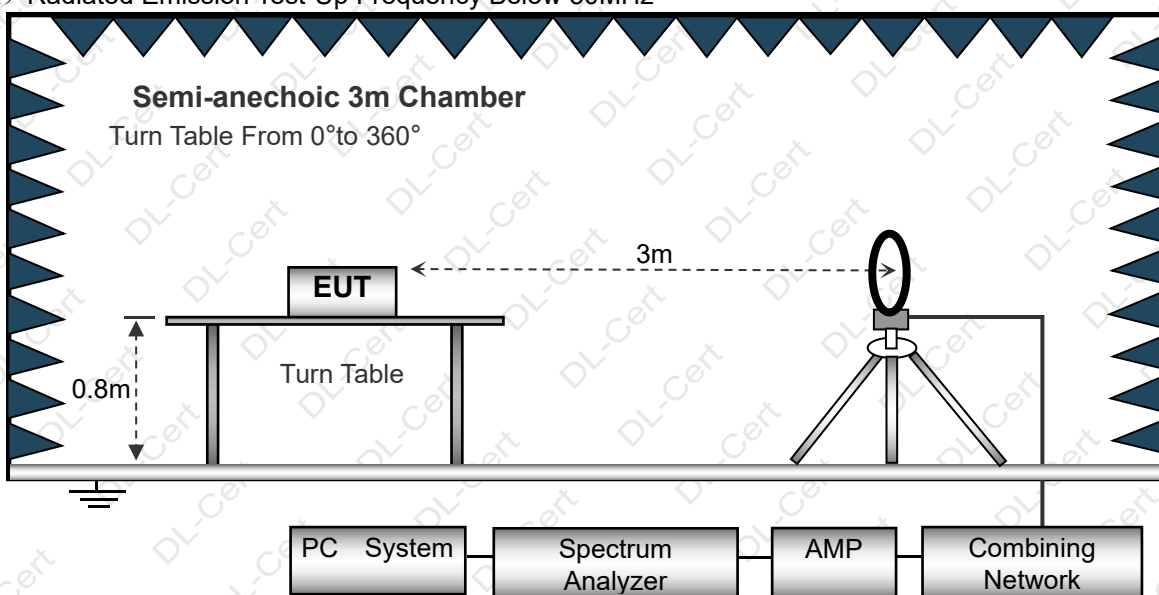
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

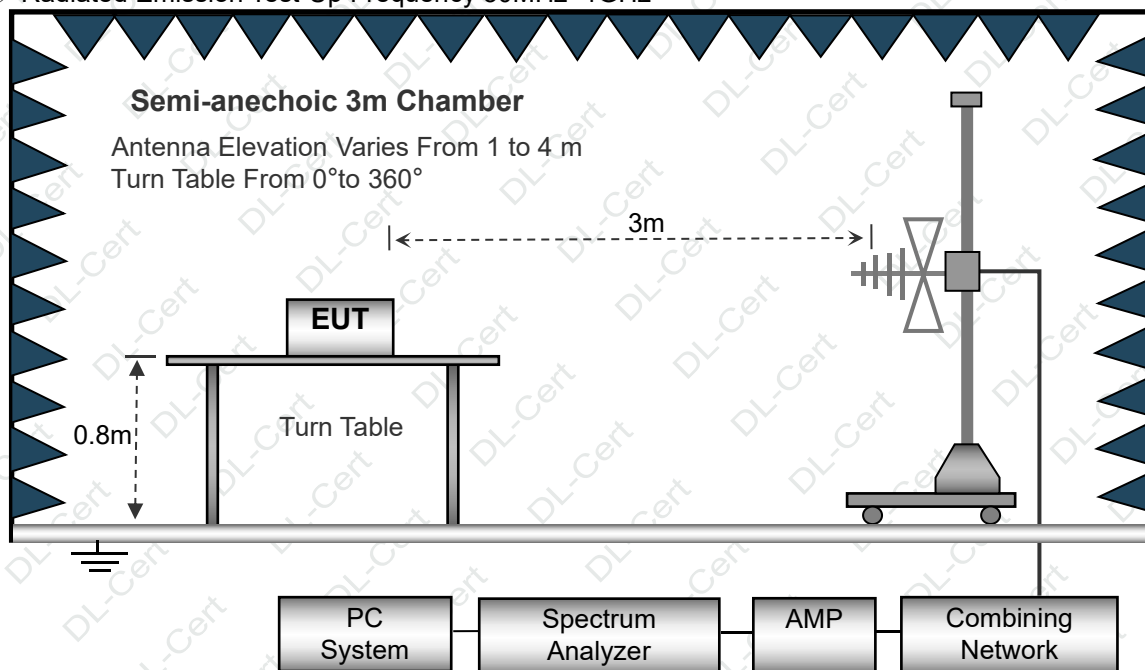
No deviation

3.2.4 TEST SETUP

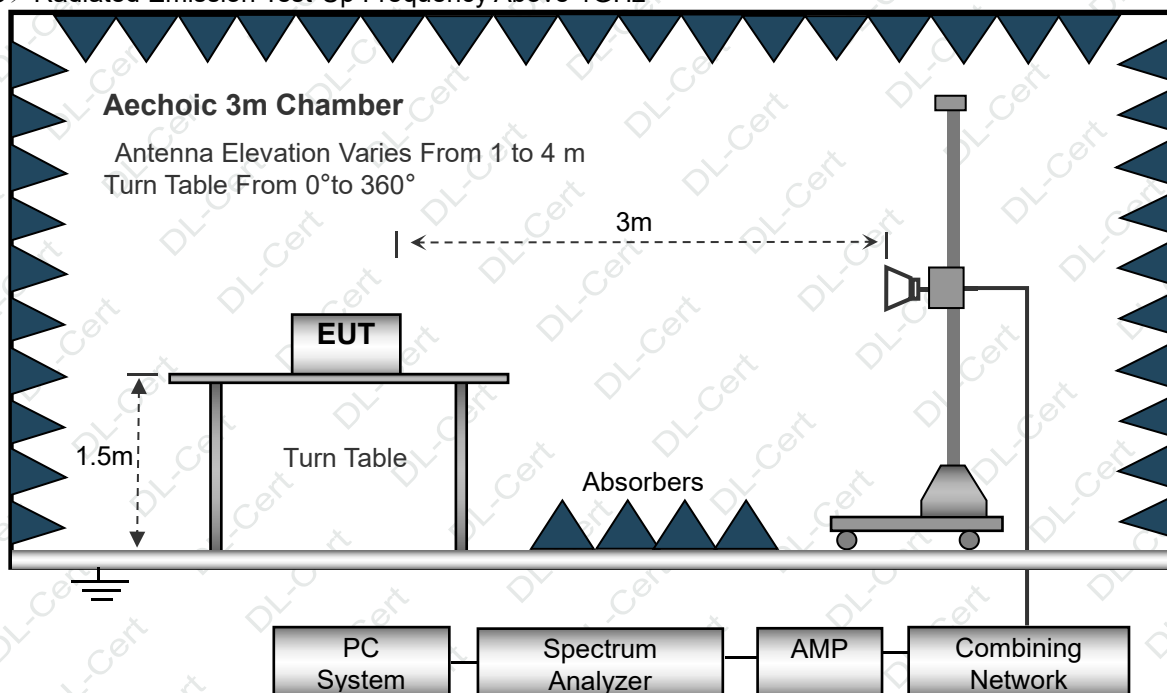
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

**3.2.6 TEST RESULTS (BETWEEN 9KHZ – 30 MHZ)**

Temperature:	20℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 4.5V
Test Mode :	Mode 1	Polarization :	--

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance/test distance})$ (dB);

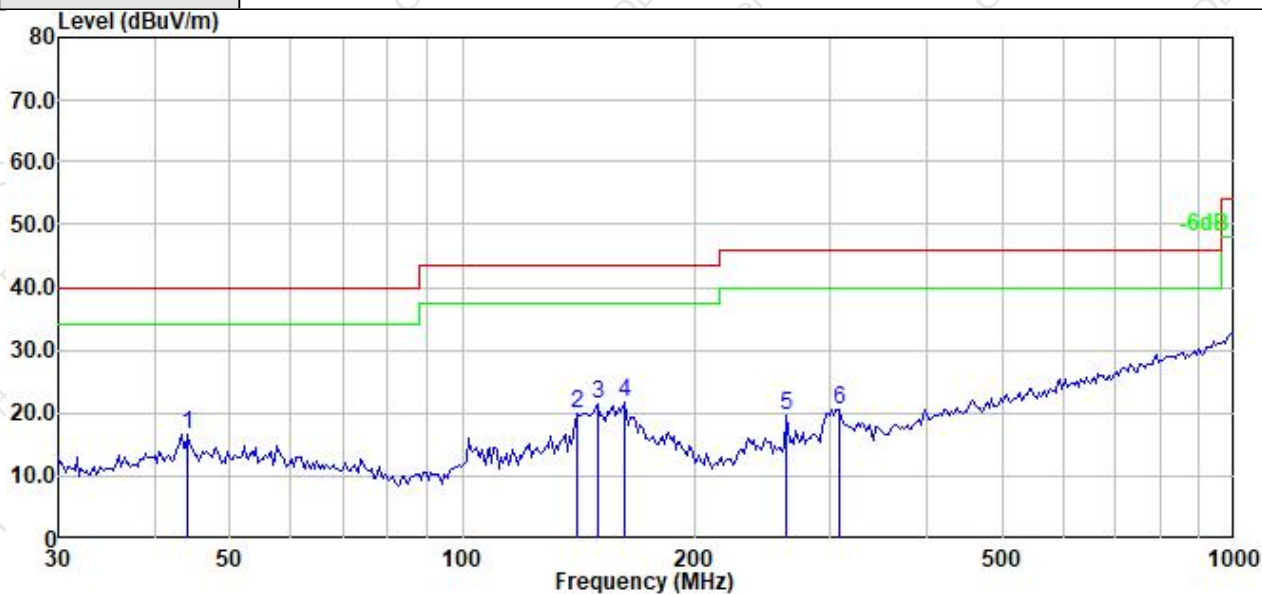
Limit line = specific limits(dBuv) + distance extrapolation factor.



3.2.7 TEST RESULTS (BETWEEN 30MHZ – 1GHZ)

All the modes were tested, the data of the worst mode 1 was recorded in the following pages, and the others modulation methods do not exceed the limits.

Temperature:	26℃	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Horizontal
Test Voltage :	DC 4.5V		
Test Mode :	Mode 1		



	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBUV/m	dB/m	dBUV/m	dB		
1	44.154	28.89	16.53	-12.36	40.00	-23.47	Horizontal	QP
2	140.777	32.08	19.87	-12.21	43.50	-23.63	Horizontal	QP
3	149.968	32.45	21.39	-11.06	43.50	-22.11	Horizontal	QP
4	162.020	32.83	21.81	-11.02	43.50	-21.69	Horizontal	QP
5	263.115	31.12	19.52	-11.60	46.00	-26.48	Horizontal	QP
6	307.105	29.91	20.56	-9.35	46.00	-25.44	Horizontal	QP

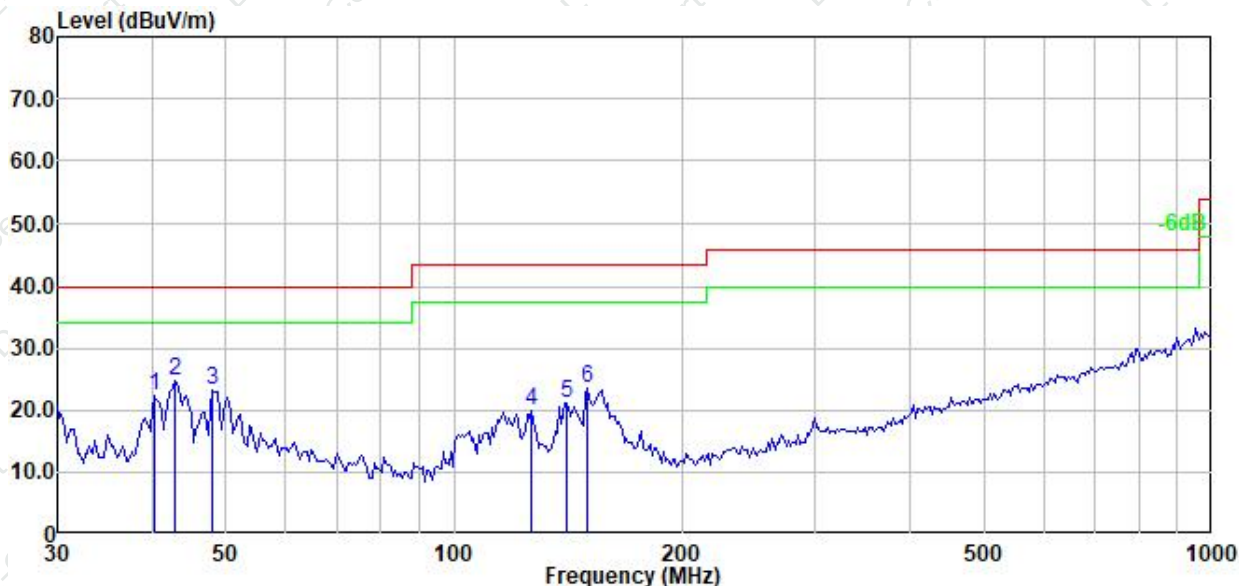
Remark:

Correct Factor = Cable loss + Antenna factor – Preamplifier;

Level = Reading Level + Correct Factor; Margin = Level - Limit;



Temperature:	26°C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Vertical
Test Voltage :	DC 4.5V		
Test Mode :	Mode 1		



	Freq	Read	Level	Factor	Limit	Over	Pol/Phase	Remark
	MHz	dBuV	dBuV/m	dB/m	dBuV/m	dB		
1	40.299	34.63	22.24	-12.39	40.00	-17.76	Vertical	QP
2	42.931	37.15	24.78	-12.37	40.00	-15.22	Vertical	QP
3	48.039	35.78	23.33	-12.45	40.00	-16.67	Vertical	QP
4	126.693	32.94	19.79	-13.15	43.50	-23.71	Vertical	QP
5	140.777	33.43	21.22	-12.21	43.50	-22.28	Vertical	QP
6	149.968	34.51	23.45	-11.06	43.50	-20.05	Vertical	QP

Remark:

Correct Factor = Cable loss + Antenna factor – Preamplifier;

Level = Reading Level + Correct Factor; Margin = Level - Limit;

**3.2.8 TEST RESULTS (1GHZ~25GHZ)**

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:2410									
V	2410.00	114.93	52.16	2.78	27.41	92.96	114.00	-21.04	PK
V	2410.00	106.90	52.16	2.78	27.41	84.93	94.00	-9.07	AV
V	4820.00	77.82	51.74	3.08	31.25	60.41	74.00	-13.59	PK
V	4820.00	61.14	51.74	3.08	31.25	43.73	54.00	-10.27	AV
V	16132.00	54.72	51.56	7.36	41.57	52.09	74.00	-21.91	PK
H	2410.00	113.49	52.16	2.78	27.41	91.52	114.00	-22.48	PK
H	2410.00	104.92	52.16	2.78	27.41	82.95	94.00	-11.05	AV
H	4820.00	76.72	51.74	3.08	31.25	59.31	74.00	-14.69	PK
H	4820.00	59.44	51.74	3.08	31.25	42.03	54.00	-11.97	AV
H	16132.00	56.03	51.56	7.36	41.57	53.40	74.00	-20.60	PK
operation frequency:2440									
V	2440.00	114.14	52.11	2.82	27.47	92.32	114.00	-21.68	PK
V	2440.00	105.93	52.11	2.82	27.47	84.11	94.00	-9.89	AV
V	4880.00	77.60	51.77	3.03	31.34	60.20	74.00	-13.80	PK
V	4880.00	60.97	51.77	3.03	31.34	43.57	54.00	-10.43	AV
V	16132.00	54.82	51.56	7.36	41.57	52.19	74.00	-21.81	PK
H	2442.00	112.63	52.11	2.82	27.47	90.81	114.00	-23.19	PK
H	2442.00	104.78	52.11	2.82	27.47	82.96	94.00	-11.04	AV
H	4884.00	76.62	51.77	3.03	31.34	59.22	74.00	-14.78	PK
H	4884.00	59.98	51.77	3.03	31.34	42.58	54.00	-11.42	AV
H	16132.00	55.93	51.56	7.36	41.57	53.30	74.00	-20.70	PK
operation frequency:2470									
V	2470.00	114.13	52.23	2.86	27.44	92.20	114.00	-21.80	PK
V	2470.00	107.09	52.23	2.86	27.44	85.16	94.00	-8.84	AV
V	4940.00	78.43	51.69	3.05	31.39	61.18	74.00	-12.82	PK
V	4940.00	60.43	51.69	3.05	31.39	43.18	54.00	-10.82	AV
V	16132.00	54.78	51.56	7.36	41.57	52.15	74.00	-21.85	PK
H	2470.00	113.86	52.23	2.86	27.44	91.93	114.00	-22.07	PK
H	2470.00	105.99	52.23	2.86	27.44	84.06	94.00	-9.94	AV
H	4940.00	77.72	51.69	3.05	31.39	60.47	74.00	-13.53	PK
H	4940.00	59.88	51.69	3.05	31.39	42.63	54.00	-11.37	AV
H	16132.00	54.97	51.56	7.36	41.57	52.34	74.00	-21.66	PK

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



3.3 RADIATED BAND EMISSION MEASUREMENT

3.3.1 TEST REQUIREMENT:

FCC Part15 C Section 15.209 and 15.205

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	2300MHz
Stop Frequency	2520
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

3.3.2 TEST PROCEDURE

Above 1GHz test procedure as below:

1. The EUT was placed on the top of a rotating table 0.1 meters 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.
7. Test the EUT in the lowest channel,the Highest channel

Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

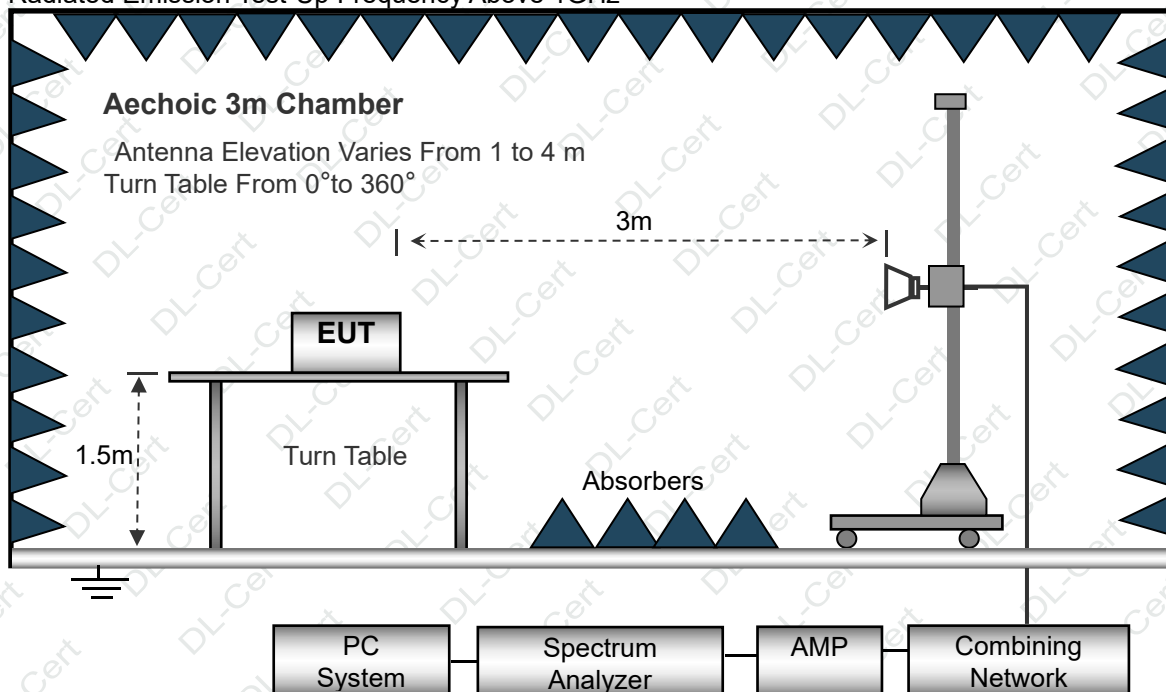
3.3.3 DEVIATION FROM TEST STANDARD

No deviation



3.3.4 TEST SETUP

Radiated Emission Test-Up Frequency Above 1GHz



3.3.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

**3.3.6 TEST RESULT**

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
operation frequency:2402									
V	2390.00	76.50	52.12	2.73	27.38	54.49	74.00	-19.51	PK
V	2390.00	66.00	52.12	2.73	27.38	43.99	54.00	-10.01	AV
V	2400.00	77.78	52.16	2.78	27.41	55.81	74.00	-18.19	PK
V	2400.00	65.43	52.16	2.78	27.41	43.46	54.00	-10.54	AV
H	2390.00	77.29	52.12	2.73	27.38	55.28	74.00	-18.72	PK
H	2390.00	65.41	52.12	2.73	27.38	43.40	54.00	-10.60	AV
H	2400.00	77.00	52.16	2.78	27.41	55.03	74.00	-18.97	PK
H	2400.00	66.08	52.16	2.78	27.41	44.11	54.00	-9.89	AV

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
operation frequency:2480									
V	2483.50	76.00	52.23	2.86	27.44	54.07	74.00	-19.93	PK
V	2483.50	66.49	52.23	2.86	27.44	44.56	54.00	-9.44	AV
V	2500.00	75.78	52.26	2.88	27.49	53.89	74.00	-20.11	PK
V	2500.00	65.36	52.26	2.88	27.49	43.47	54.00	-10.53	AV
H	2483.50	75.98	52.23	2.86	27.44	54.05	74.00	-19.95	PK
H	2483.50	65.00	52.23	2.86	27.44	43.07	54.00	-10.93	AV
H	2500.00	75.80	52.26	2.88	27.49	53.91	74.00	-20.09	PK
H	2500.00	66.78	52.26	2.88	27.49	44.89	54.00	-9.11	AV

Remark:

1. Emission Level = Meter Reading + Factor, Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



4. BANDWIDTH TEST

4.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.215) , Subpart C	
Section	Test Item
15.215	Bandwidth

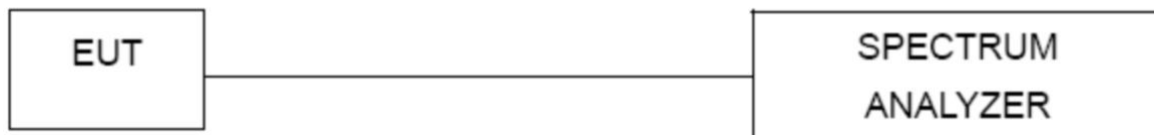
4.1.1 TEST PROCEDURE

1. Set RBW = 30 kHz.
2. Set the video bandwidth (VBW) $\geq$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

4.1.2 DEVIATION FROM STANDARD

No deviation.

TEST SETUP



4.1.3 EUT OPERATION CONDITIONS

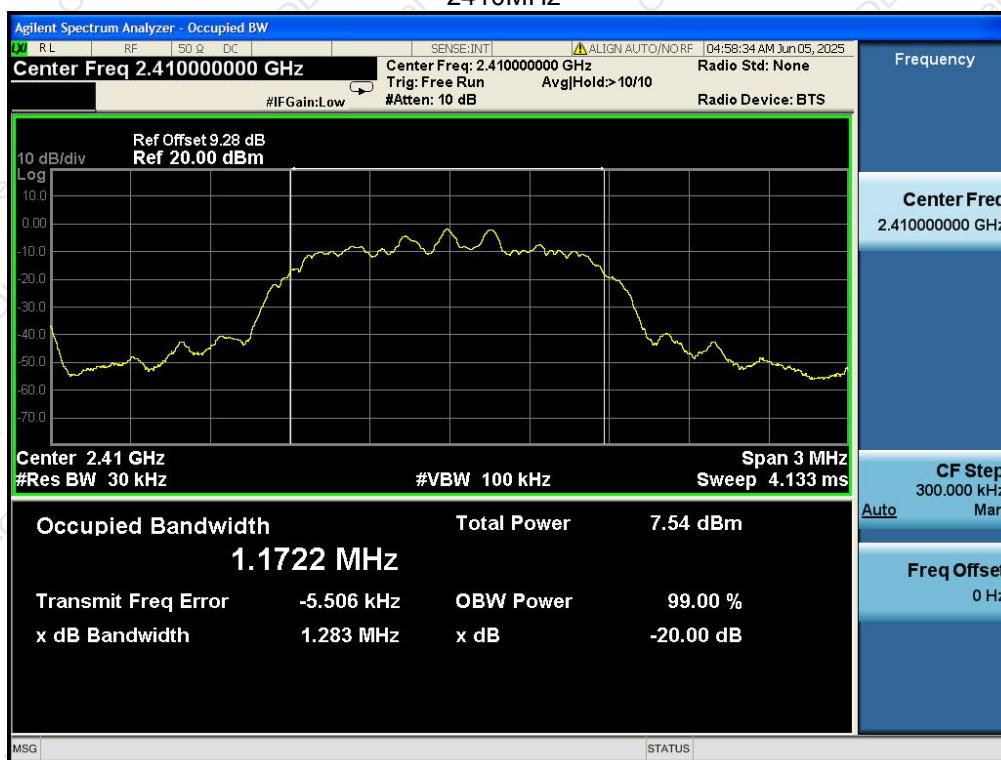
The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



4.1.4 TEST RESULTS

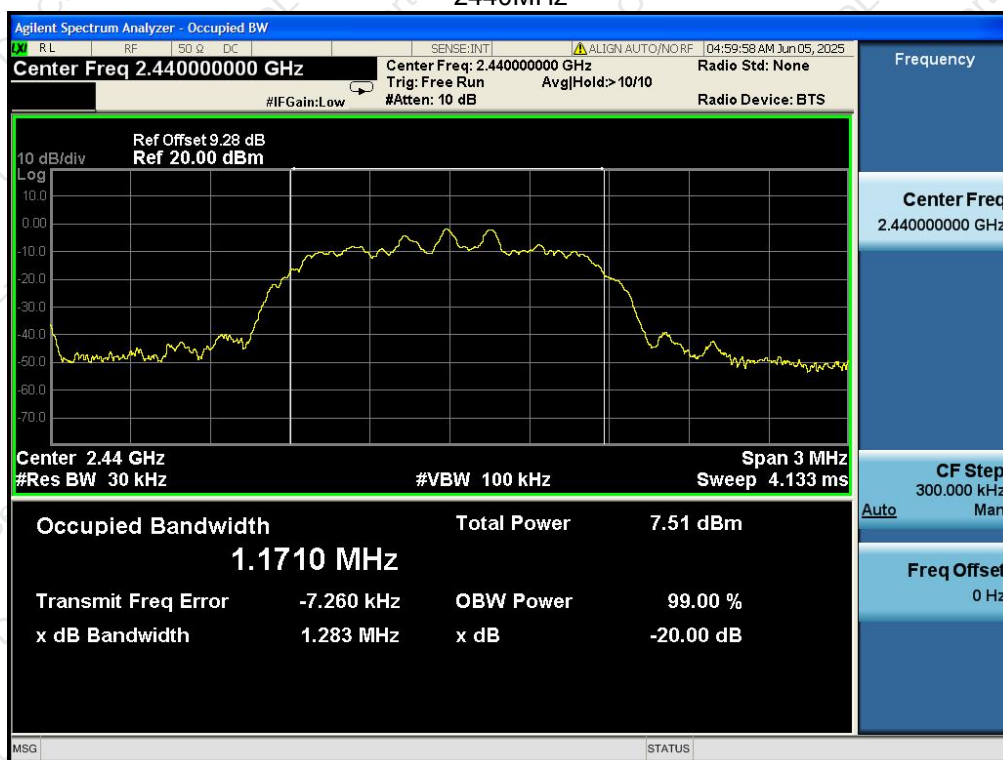
	Frequency (MHz)	20dB Bandwidth (MHz)	Result
GFSK	2410	1.283	Pass
	2440	1.283	Pass
	2470	1.304	Pass

2410MHz





2440MHz



2470MHz





5. ANTENNA REQUIREMENT

5.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 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.

5.2 EUT ANTENNA

The EUT antenna is Cable Antenna, It comply with the standard requirement.



6. TEST SEUUP PHOTO

Reference to the appendix for details.

7. EUT PHOTO

Reference to the appendix for details.

***** END OF REPORT *****