



RF TEST REPORT

Product Name: Remote control

Model Name: PEZRM400T4

FCC ID: 2ARDB-PEZRM400T4

IC: 25276-PEZRM400T4

Issued For : Beijing Kingsmith Technology Co., Ltd.

Floor 4, Building 25, Area 18, ABP Park, Fengtai, Beijing,
China

Issued By : Shenzhen LGT Test Service Co., Ltd.

Room 205, Building 13, Zone B, Chen Hsong Industrial Park,
No.177 Renmin West Road, Jinsha Community, Kengzi
Street, Pingshan New District, Shenzhen, China

Report Number: LGT24B025RF01

Sample Received Date: Feb. 23, 2024

Date of Test: Feb. 23, 2024 – Mar. 28, 2024

Date of Issue: Mar. 28, 2024

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TEST REPORT CERTIFICATION

Applicant: Beijing Kingsmith Technology Co., Ltd.
Address: Floor 4, Building 25, Area 18, ABP Park, Fengtai, Beijing, China

Manufacturer: Beijing Kingsmith Technology Co., Ltd.
Address: Floor 4, Building 25, Area 18, ABP Park, Fengtai, Beijing, China

Product Name: Remote control

Trademark: N/A

Model Name: PEZRM400T4

Sample Status: Normal

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC Part 15.249, Subpart C RSS 210 Issue 10, December 2019 ANSI C63.10-2013	PASS

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Revision History

Rev.	Issue Date	Contents
00	Mar. 28, 2024	Initial Issue



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part 15.249, Subpart C RSS 210 Issue 10			
Standard Section	Test Item	Judgment	Remark
15.207&RSS-Gen	Conducted Emission	N/A	--
15.249&RSS 210	Radiated Spurious Emission	PASS	--
15.205&RSS-Gen	Restricted Band Edge Emission	PASS	--
15.215&RSS-Gen	20dB Bandwidth&99% Bandwidth	Pass	--
15.203&RSS-Gen	Antenna Requirement	PASS	--

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2013.



1.1 TEST FACTORY

Company Name:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Chen Hsong Industrial Park, No.177 Renmin West Road, Jinsha Community, Kengzi Street, Pingshan New District, Shenzhen, China
Accreditation Certificate	A2LA Certificate No.: 6727.01
	FCC Registration No.: 746540
	CAB ID: CN0136

1.2 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	RF output power, conducted	$\pm 0.68\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.988\text{dB}$
3	All emissions, radiated 9K-30MHz	$\pm 2.84\text{dB}$
4	All emissions, radiated 30M-1GHz	$\pm 4.39\text{dB}$
5	All emissions, radiated 1G-6GHz	$\pm 5.10\text{dB}$
6	All emissions, radiated >6G	$\pm 5.48\text{dB}$
7	Conducted Emission (9KHz-150KHz)	$\pm 2.79\text{dB}$
8	Conducted Emission (150KHz-30MHz)	$\pm 2.80\text{dB}$
9	Emission Bandwidth	$\pm 3.2\%$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	Remote control	
Trademark:	N/A	
Model Name:	PEZRM400T4	
Series Model:	N/A	
Model Difference:	N/A	
Product Description:	The EUT is a Remote control	
	Operation Frequency:	2426-2474 MHz
	Modulation Type:	FSK
	Number Of Channel:	49
	Antenna Type:	PCB Antenna
Antenna Gain (dBi):	-8.11	
Channel List:	Please refer to the Note 3.	
Battery:	DC 3V/CR2032	
Hardware Version:	N/A	
Software Version:	N/A	
Connecting I/O Port(s):	Please refer to the Note 1.	

Note:

- For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
- The antenna information refers to the manufacturer provide report, applicable only to the tested sample identified in the report. Due to the incorrect antenna information, a series of problems such as the accuracy of the test results will be borne by the customer.

3.

Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2426	18	2443	35	2460
2	2427	19	2444	36	2461
3	2428	20	2445	37	2462
4	2429	21	2446	38	2463
5	2430	22	2447	39	2464
6	2431	23	2448	40	2465
7	2432	24	2449	41	2466
8	2433	25	2450	42	2467
9	2434	26	2451	43	2468
10	2435	27	2452	44	2469



11	2436	28	2453	45	2470
12	2437	29	2454	46	2471
13	2438	30	2455	47	2472
14	2439	31	2456	48	2473
15	2440	32	2457	49	2474
16	2441	33	2458		
17	2442	34	2459		



2.2 DESCRIPTION OF THE TEST MODES

For conducted test items and radiated spurious emissions
Each of these EUT operation mode(s) or test configuration mode(s) mentioned below was evaluated respectively.

Worst Mode	Description	Modulation
Mode 1	TX CH01(2426MHz)	FSK
Mode 2	TX CH25(2450MHz)	FSK
Mode 3	TX CH49(2474MHz)	FSK

Note:

- (1) All above mode has been measurement, only worst data was reported.
- (2) We have be tested for all available U.S. voltage and frequency (For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation, and the worst case of 120V/60Hz is shown in the report.
- (3) The battery is fully-charged during the radited and RF conducted test.

2.3 DESCRIPTION OF NECESSARY ACCESSORIES AND 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.

Accessories Equipment

Description	Manufacturer	Model	S/N	Rating

Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.



2.4 EQUIPMENTS LIST

Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2023.04.13	2024.04.12
LISN	COM-POWER	LI-115	02032	2023.04.07	2024.04.06
LISN	SCHWARZBECK	NNLK 8121	00847	2023.04.07	2024.04.06
LISN	SCHWARZBECK	NNLK 8122	00160	2023.04.07	2024.04.06
Transient Limiter	CYBERTEK	EM5010A	E2250100049	2023.04.07	2024.04.06
Temperature & Humidity	KTJ	TA218B	N.A	2023.04.24	2024.04.23
Testing Software	EMC-I_V1.4.0.3_SKET				

Radiated Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2023.04.13	2024.04.12
Active loop Antenna	ETS	6502	00049544	2022.06.02	2025.06.01
Spectrum Analyzer	Keysight	N9010B	MY60242508	2023.04.10	2024.04.09
Bilog Antenna(30M-1G)	SCHWARZBECK	VULB 9168	01447	2022.06.05	2025.06.04
Horn Antenna(1-18G)	SCHWARZBECK	3115	10SL0060	2022.06.02	2025.06.01
Horn Antenna(18-40G)	A-INFO	LB-180400-KF	J211060273	2022.06.08	2025.06.07
Pre-amplifier(30M-1G)	EMtrace	RP01A	02019	2023.04.07	2024.04.06
Pre-amplifier(1-26.5G)	Agilent	8449B	3008A4722	2023.04.07	2024.04.06
Pre-amplifier(18-40G)	com-mw	LNPA_18-40-01	18050003	2023.04.07	2024.04.06
Wireless Communications Test Set	R&S	CMW 500	137737	2023.04.13	2024.04.12
Temperature & Humidity	KTJ	TA218B	N.A	2023.04.24	2024.04.23
Testing Software	EMC-I_V1.4.0.3_SKET				

Conducted Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
Signal Analyzer	Keysight	N9010B	MY60242508	2023.04.10	2024.04.09
Wireless Communications Test Set	R&S	CMW 500	137737	2023.04.13	2024.04.12
MXG Vector Signal Generator	Keysight	N5182B	MY59100717	2023.04.07	2024.04.06
Power Sensor	MW	MW100-RFCB	MW220324LG-33	2023.04.13	2024.04.12
Temperature & Humidity	KTJ	TA218B	N.A	2023.04.24	2024.04.23
Temperature & Humidity test chamber	AISRY	LX-1000L	171200018	2023.05.10	2024.05.09
Attenuator	eastsheep	90db	N.A	2023.04.10	2024.04.09
Testing Software	MTS8200_V2.0.0.0_MW				



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

The radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table.

FREQUENCY (MHz)	Conducted Emission limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

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

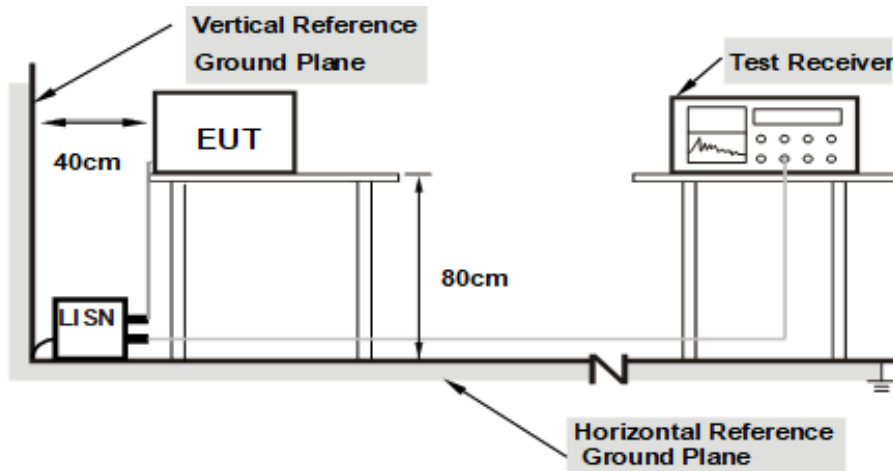
Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz



3.2 TEST PROCEDURE

- a. The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 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 is at least 80 cm from the nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.3 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 support units.

3.4 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.

3.5 TEST RESULTS

Product provide by 3V/CR2032, Not application



4. RADIATED EMISSION MEASUREMENT

4.1 RADIATED EMISSION LIMITS

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on Part 15.249, Part 15.209(a)& RSS Gen and RSS 210 limit in the table below has to be followed.

Standard FCC 15.209& RSS Gen

Frequencies (MHz)	Field Strength (micovolts/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
960~1000	500	3
Above 1000	Other:74.0 dB(μ V)/m (Peak) 54.0 dB(μ V)/m (Average)	3

Standard FCC 15.249& RSS 210

Frequency of Emission (MHz)	Field Strength of fundamental (millivolts /meter)	Field Strength of Harmonics (microvolts/meter)
900~928	50	500
2400~2483.5	50	500
5725~5875	50	500
24000~242500	250	2500

Notes:

- (1) 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.

Spectrum Parameter	Setting
Detector	Peak/AV
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB (emission in restricted band)	>20BW
VB (emission in restricted band)	=3xRB



Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
	90kHz~110kHz / RB 200Hz for QP
	110kHz~490kHz / RB 200Hz for PK & AV
	490kHz~30MHz / RB 9kHz for QP
	30MHz~1000MHz / RB 120kHz for QP

4.2 TEST PROCEDURE

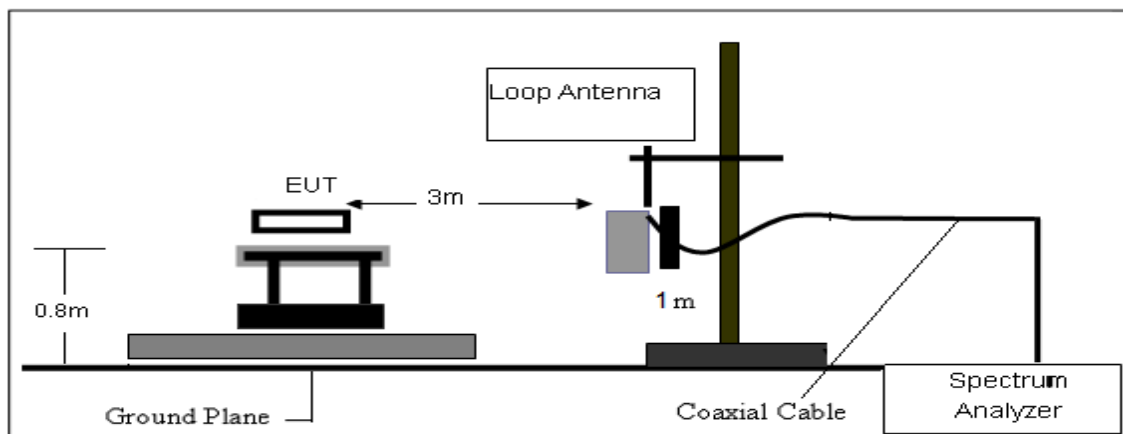
- a. The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- c. The height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and QuasiPeak detector mode will be re-measured.
- e. If the Peak Mode measured value is compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and no additional QP Mode measurement was performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

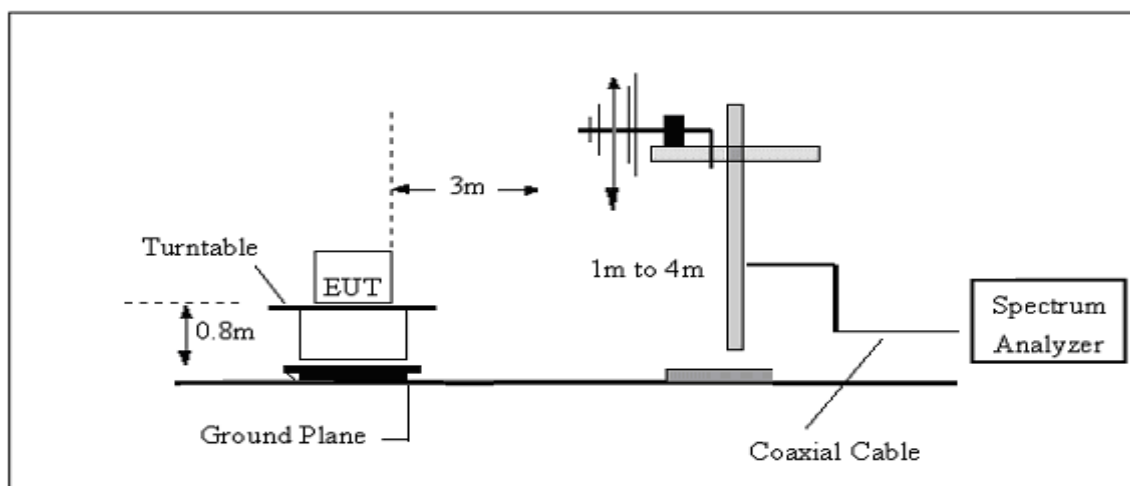
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

4.3 TEST SETUP

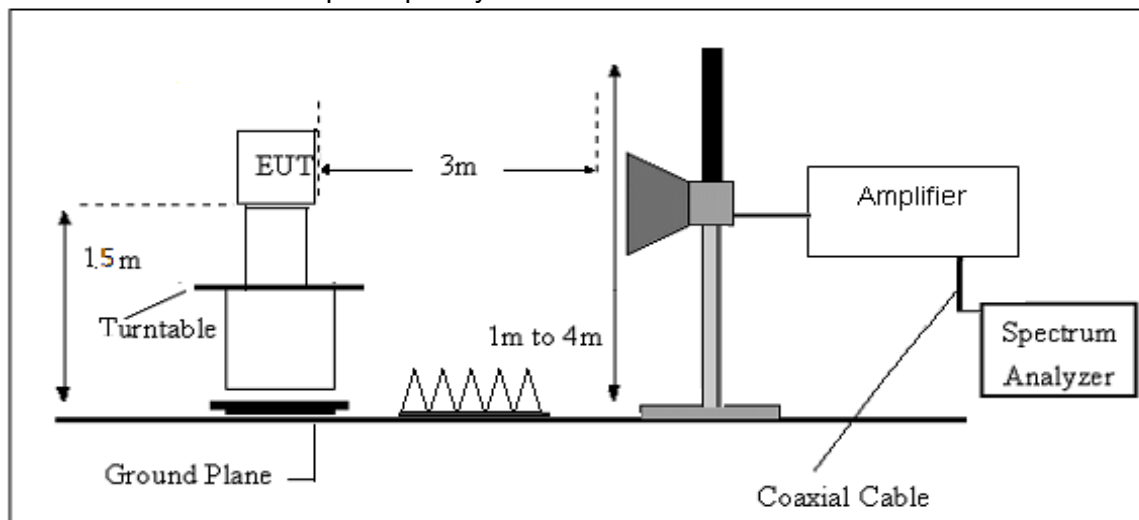
(A) Radiated Emission Test-Up Frequency Below 30MHz



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



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



4.4 EUT OPERATING CONDITIONS

Please refer to section 3.4 of this report.



4.5 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

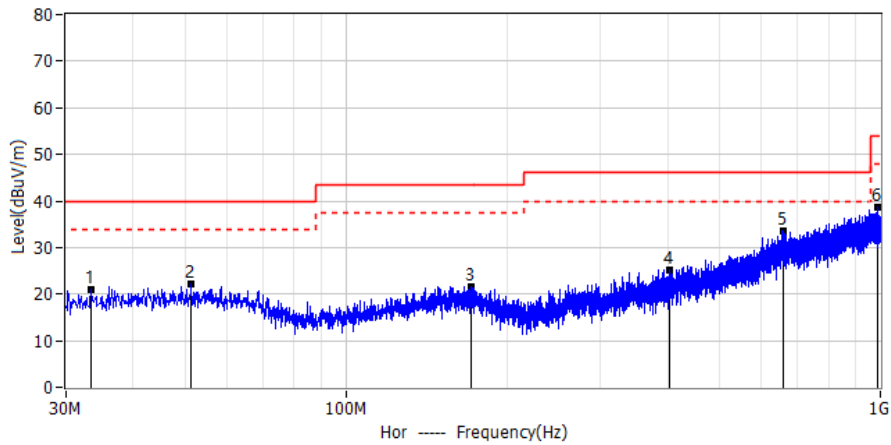
Frequency (MHz)	FS (dB μ V/m)	RA (dB μ V/m)	AF (dB)	CL (dB)	AG (dB)	Factor (dB)
300	40	58.1	12.2	1.6	31.9	-18.1

$$\text{Factor} = \text{AF} + \text{CL} - \text{AG}$$

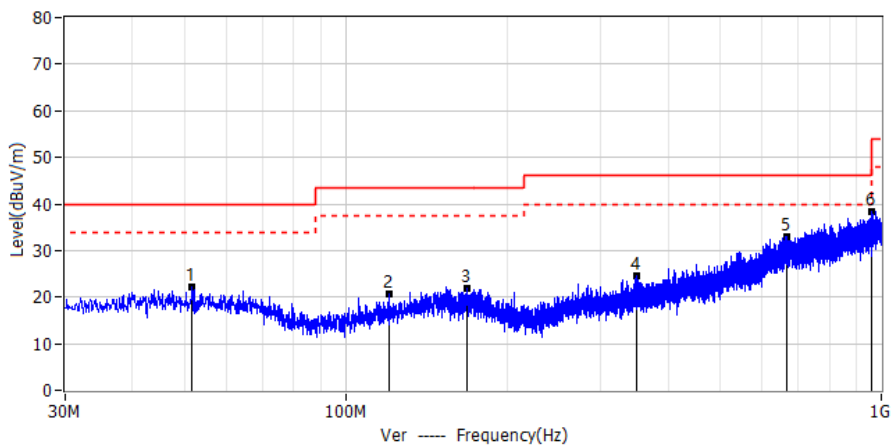


4.6 TEST RESULTS

Project: LGT24B025	Test Engineer: Xiangdong Ma
EUT: Remote control	Temperature: 23.1°C
M/N: PEZRM400T4	Humidity: 46%RH
Test Voltage: Battery	Test Data: 2024-03-09
Test Mode: TX	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	33.395	2.62	18.43	21.05	40.00	-18.95	QP	Hor
2*	51.340	2.79	19.26	22.05	40.00	-17.95	QP	Hor
3*	171.256	1.98	19.66	21.64	43.50	-21.86	QP	Hor
4*	403.450	2.25	22.90	25.15	46.00	-20.85	QP	Hor
5*	658.439	4.28	29.34	33.62	46.00	-12.38	QP	Hor
6*	986.299	4.26	34.51	38.77	54.00	-15.23	QP	Hor

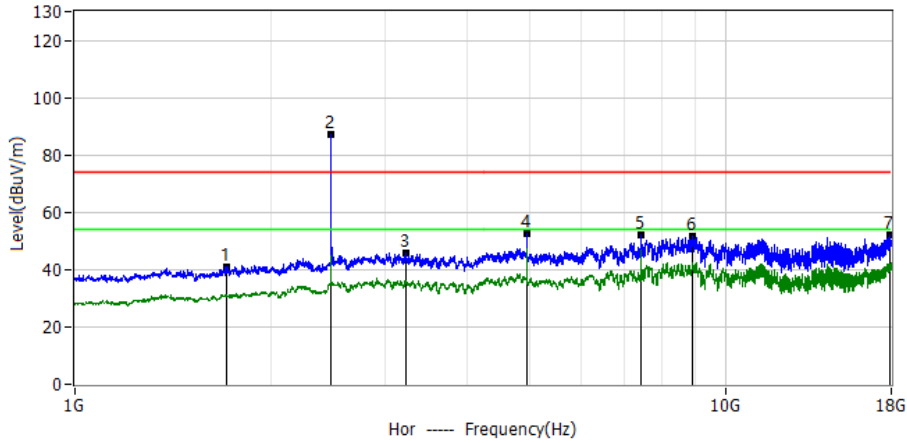


No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	51.704	2.98	19.24	22.22	40.00	-17.78	QP	Ver
2*	120.695	2.85	17.70	20.55	43.50	-22.95	QP	Ver
3*	168.953	2.08	19.79	21.87	43.50	-21.63	QP	Ver
4*	349.251	3.46	21.17	24.63	46.00	-21.37	QP	Ver
5*	664.501	3.69	29.40	33.09	46.00	-12.91	QP	Ver
6*	958.896	4.17	34.13	38.30	46.00	-7.70	QP	Ver

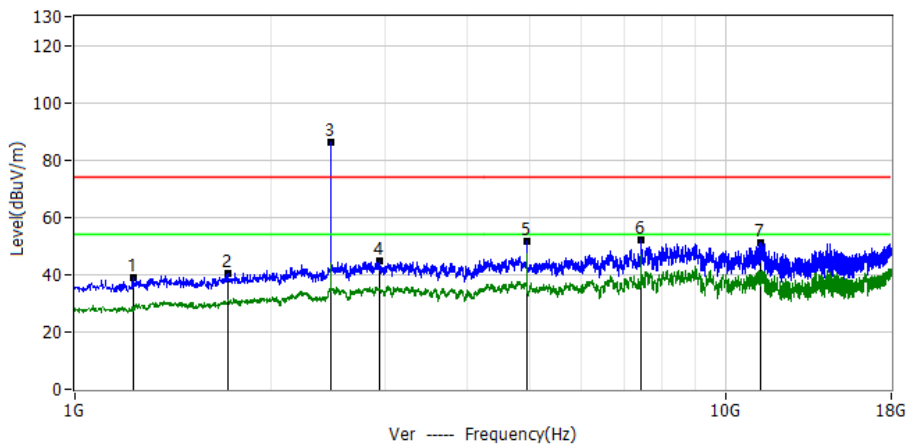


Above 1G Radiation Spurious

Project: LGT24B025	Test Engineer: Xiangdong Ma
EUT: WalkingPad	Temperature: 23.1 °C
M/N: PEZRM400T4	Humidity: 46%RH
Test Voltage: Battery	Test Data: 2024-03-28
Test Mode: 2.4G High	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1707.6000	60.33	-19.29	41.04	74.00	-33.00	PK	Hor
!2*	2474.7000	98.85	-11.57	87.28	--	--	PK	Hor
3*	3224.9000	54.50	-8.89	45.61	74.00	-28.40	PK	Hor
4*	4948.2000	59.44	-6.95	52.49	74.00	-21.50	PK	Hor
5*	7421.7000	57.78	-5.89	51.89	74.00	-22.10	PK	Hor
6*	8917.7000	55.50	-3.82	51.68	74.00	-22.30	PK	Hor
7*	17927.7000	49.93	1.99	51.92	74.00	-22.10	PK	Hor

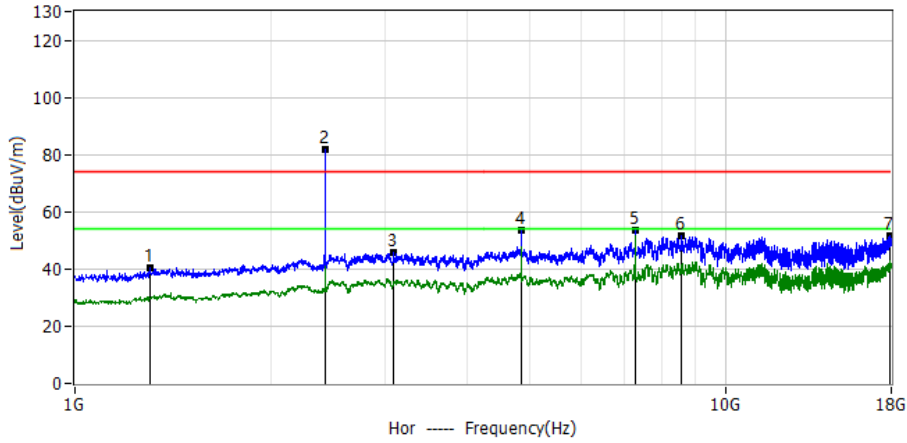


No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1227.4000	61.62	-22.80	38.82	74.00	-35.20	PK	Ver
2*	1716.1000	59.77	-19.21	40.56	74.00	-33.40	PK	Ver
!3*	2474.7000	97.52	-11.57	85.95	--	--	PK	Ver
4*	2933.7000	53.78	-9.10	44.68	74.00	-29.30	PK	Ver
5*	4948.2000	58.77	-6.95	51.82	74.00	-22.20	PK	Ver
6*	7421.7000	57.83	-5.89	51.94	74.00	-22.10	PK	Ver
7*	11346.6000	53.06	-1.84	51.22	74.00	-22.80	PK	Ver

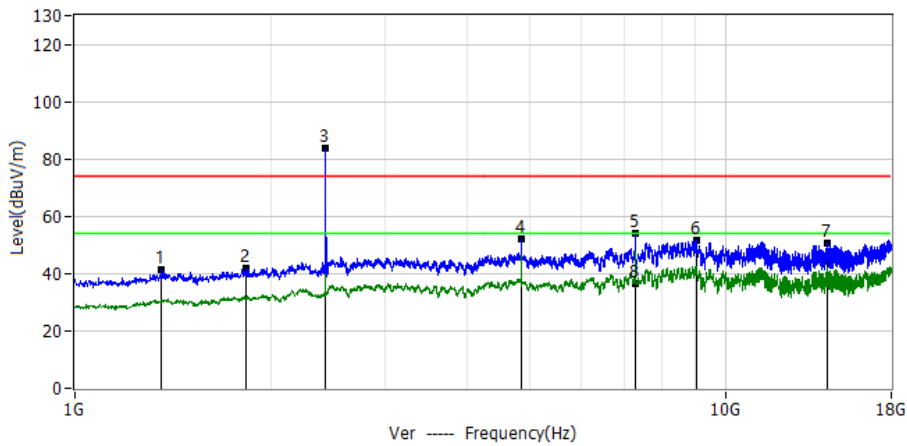
Project: LGT24B025	Test Engineer: Xiangdong Ma
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EUT: WalkingPad	Temperature: 23.1°C
M/N: PEZRM400T4	Humidity: 46%RH
Test Voltage: Battery	Test Data: 2024-03-28
Test Mode: 2.4G Low	
Note:	



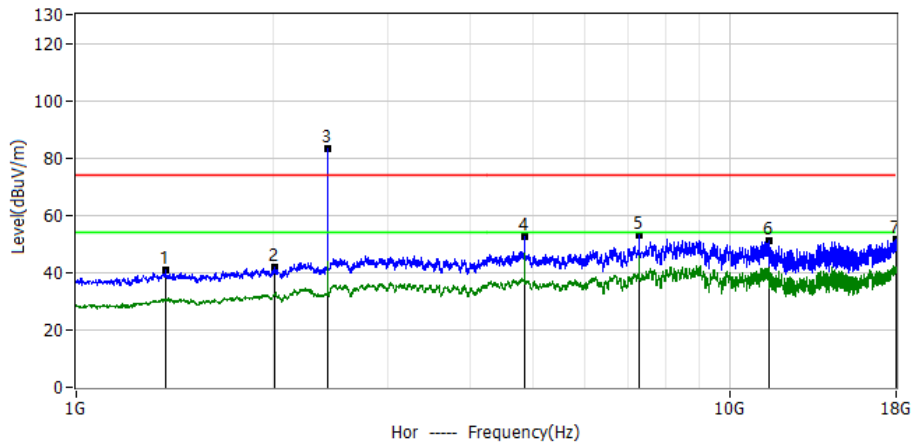
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1303.9000	62.60	-22.21	40.39	74.00	-33.60	PK	Hor
!2*	2425.9000	93.87	-12.07	81.80	--	--	PK	Hor
3*	3093.1000	54.45	-8.82	45.63	74.00	-28.40	PK	Hor
4*	4852.6000	60.19	-6.85	53.34	74.00	-20.70	PK	Hor
5*	7279.4000	59.75	-6.26	53.49	74.00	-20.50	PK	Hor
6*	8569.2000	55.93	-4.46	51.47	74.00	-22.50	PK	Hor
7*	17949.0000	49.43	2.00	51.43	74.00	-22.60	PK	Hor



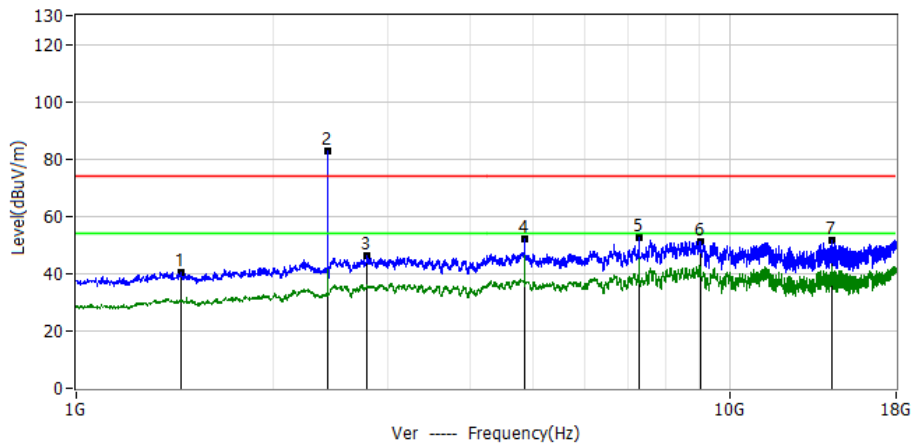
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1357.0000	62.97	-21.80	41.17	74.00	-32.80	PK	Ver
2*	1835.1000	60.11	-18.08	42.03	74.00	-32.00	PK	Ver
!3*	2425.9000	95.64	-12.07	83.57	--	--	PK	Ver
4*	4852.6000	58.92	-6.85	52.07	74.00	-21.90	PK	Ver
5*	7277.2000	60.34	-6.26	54.08	74.00	-19.90	PK	Ver
6*	9013.4000	55.32	-3.68	51.64	74.00	-22.40	PK	Ver
7*	14366.2000	49.84	0.72	50.56	74.00	-23.40	PK	Ver
8*	7277.2000	42.86	-6.26	36.60	54.00	-17.40	AV	Ver



Project: LGT24B025	Test Engineer: Xiangdong Ma
EUT: WalkingPad	Temperature: 23.1°C
M/N: PEZRM400T4	Humidity: 46%RH
Test Voltage: Battery	Test Data: 2024-03-28
Test Mode: 2.4G Mid	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1369.7000	62.47	-21.70	40.77	74.00	-33.20	PK	Hor
2*	2009.4000	58.14	-16.35	41.79	74.00	-32.20	PK	Hor
!3*	2449.9000	95.37	-12.07	83.30	--	--	PK	Hor
4*	4852.6000	59.34	-6.85	52.49	74.00	-21.50	PK	Hor
5*	7279.4000	59.41	-6.26	53.15	74.00	-20.90	PK	Hor
6*	11474.1000	53.10	-1.83	51.27	74.00	-22.70	PK	Hor
7*	17976.6000	49.67	2.01	51.68	74.00	-22.30	PK	Hor



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1448.4000	61.76	-21.22	40.54	74.00	-33.50	PK	Ver
!2*	2449.9000	94.73	-12.07	82.66	--	--	PK	Ver
3*	2787.1000	55.88	-9.85	46.03	74.00	-28.00	PK	Ver
4*	4852.6000	59.12	-6.85	52.27	74.00	-21.70	PK	Ver
5*	7277.2000	58.97	-6.26	52.71	74.00	-21.30	PK	Ver
6*	9013.4000	54.93	-3.68	51.25	74.00	-22.80	PK	Ver
7*	14366.2000	50.88	0.72	51.60	74.00	-22.40	PK	Ver

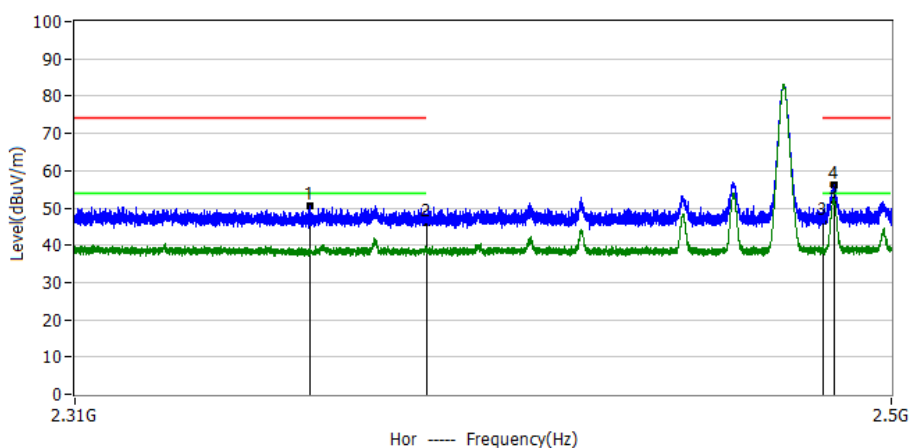
Note:

Average measurement was not performed if peak level lower than average limit. No any other emissions level which are attenuated less than 20dB below the limit. The amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part. Hence there no other emissions have been reported.

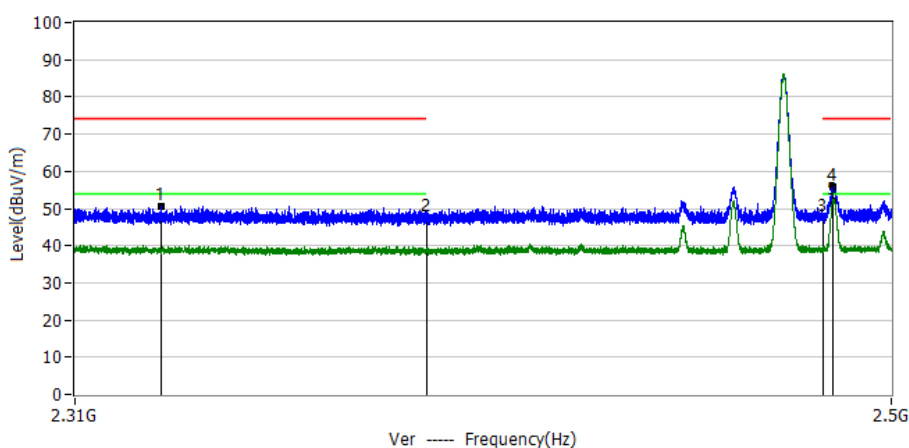


4.7 TEST RESULTS (Band edge Requirements)

Project: LGT24B025	Test Engineer: Xiangdong Ma
EUT: WalkingPad	Temperature: 23.1°C
M/N: PEZRM400T4	Humidity: 46%RH
Test Voltage: Battery	Test Data: 2024-03-09
Test Mode: 2.4G High	
Note:	



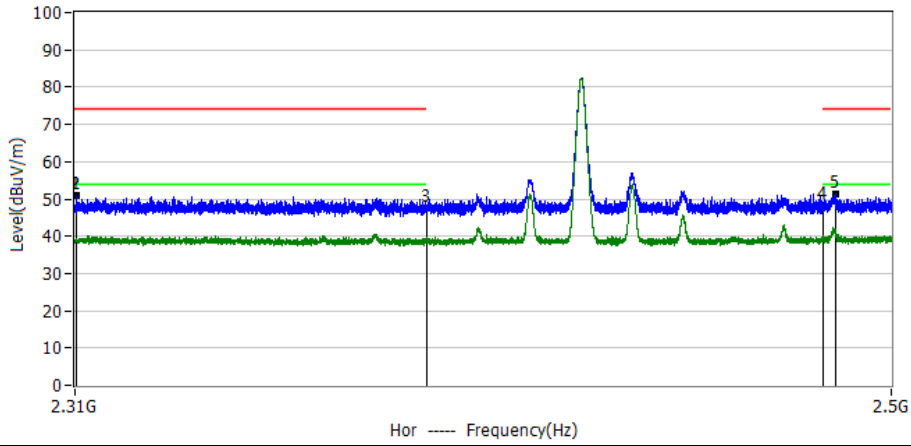
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2363.1000	16.61	34.02	50.63	74.00	-23.37	PK	Hor
2*	2390.0000	12.25	33.95	46.20	74.00	-27.80	PK	Hor
3*	2483.5000	12.37	34.13	46.50	74.00	-27.50	PK	Hor
4*	2486.2000	21.93	34.13	56.06	74.00	-17.94	PK	Hor
5*	2486.2000	17.97	34.13	52.10	54.00	-1.90	AV	Hor



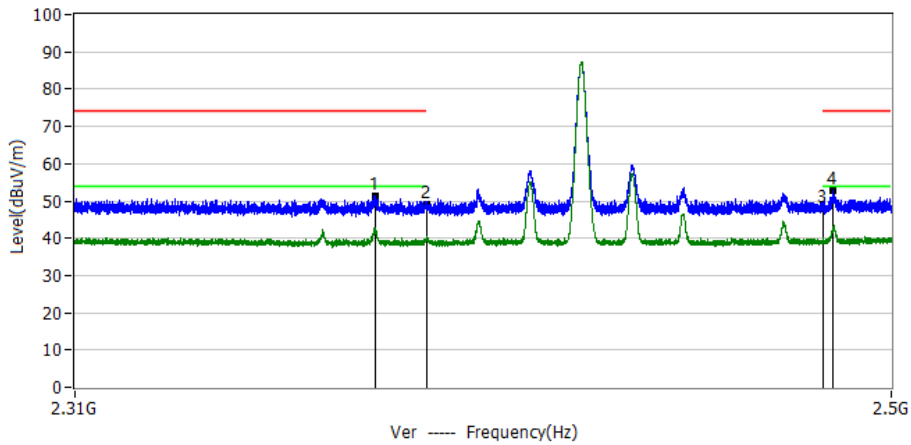
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2329.5000	16.54	34.10	50.64	74.00	-23.40	PK	Ver
2*	2390.0000	13.45	33.95	47.40	74.00	-26.60	PK	Ver
3*	2483.5000	13.27	34.13	47.40	74.00	-26.60	PK	Ver
4*	2485.9000	21.84	34.13	55.97	74.00	-18.00	PK	Ver
5*	2485.9000	17.97	34.13	52.10	54.00	-1.90	AV	Ver



Project: LGT24B025	Test Engineer: Xiangdong Ma
EUT: WalkingPad	Temperature: 23.1°C
M/N: PEZRM400T4	Humidity: 46%RH
Test Voltage: Battery	Test Data: 2024-03-09
Test Mode: 2.4G Low	
Note:	



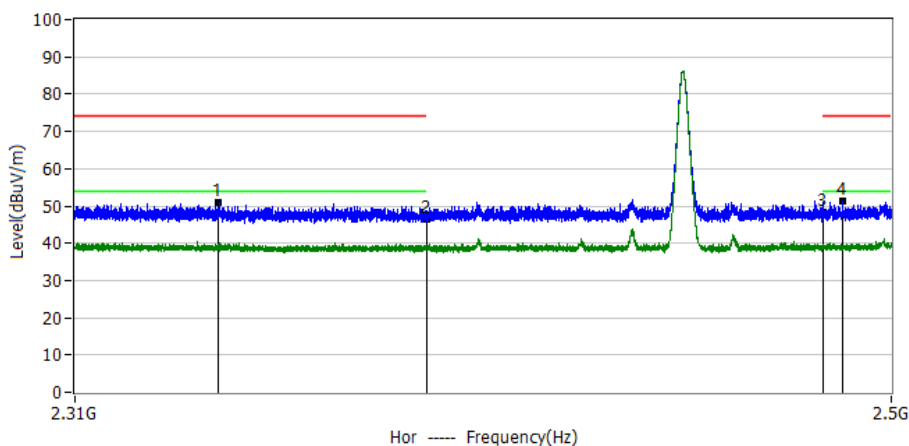
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2310.3000	16.63	34.14	50.77	74.00	-23.23	PK	Hor
2*	2310.3000	16.63	34.14	50.77	74.00	-23.23	PK	Hor
3*	2390.0000	13.55	33.95	47.50	74.00	-26.50	PK	Hor
4*	2483.5000	14.37	34.13	48.50	74.00	-25.50	PK	Hor
5*	2486.7000	17.35	34.13	51.48	74.00	-22.52	PK	Hor



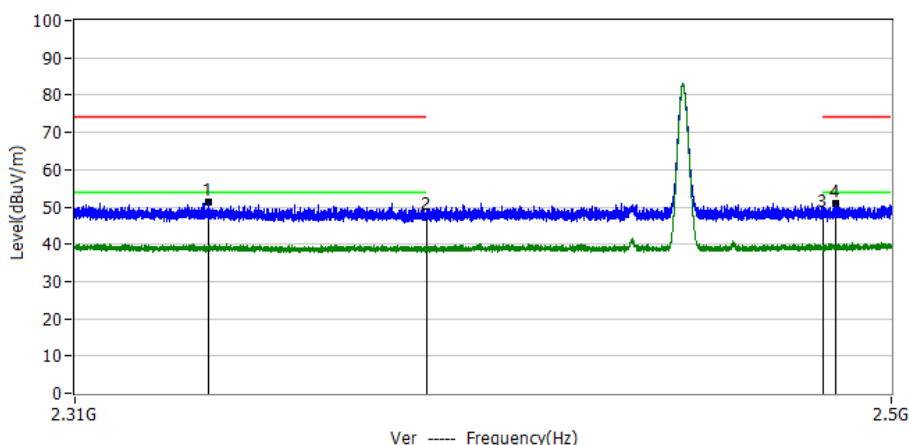
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2378.2000	17.47	33.98	51.45	74.00	-22.55	PK	Ver
2*	2390.0000	14.95	33.95	48.90	74.00	-25.10	PK	Ver
3*	2483.5000	13.67	34.13	47.80	74.00	-26.20	PK	Ver
4*	2486.0000	18.74	34.13	52.87	74.00	-21.13	PK	Ver



Project: LGT24B025	Test Engineer: Xiangdong Ma
EUT: WalkingPad	Temperature: 23.1°C
M/N: PEZRM400T4	Humidity: 46%RH
Test Voltage: Battery	Test Data: 2024-03-09
Test Mode: 2.4G Mid	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2342.4000	16.86	34.07	50.93	74.00	-23.07	PK	Hor
2*	2390.0000	12.65	33.95	46.60	74.00	-27.40	PK	Hor
3*	2483.5000	14.37	34.13	48.50	74.00	-25.50	PK	Hor
4*	2488.4000	17.09	34.14	51.23	74.00	-22.77	PK	Hor



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2339.9000	17.32	34.07	51.39	74.00	-22.61	PK	Ver
2*	2390.0000	13.65	33.95	47.60	74.00	-26.40	PK	Ver
3*	2483.5000	14.27	34.13	48.40	74.00	-25.60	PK	Ver
4*	2486.6000	16.72	34.13	50.85	74.00	-23.15	PK	Ver

Note:

Average measurement was not performed if peak level lower than average limit. No any other emissions level which are attenuated less than 20dB below the limit. The amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part. Hence there no other emissions have been reported.

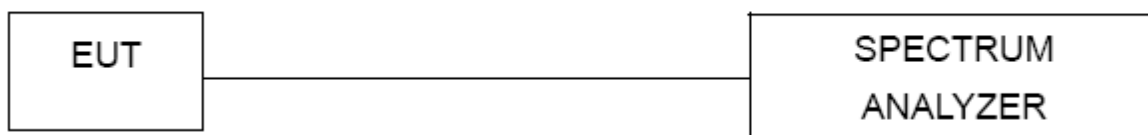


5. BANDWIDTH TEST

5.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting : RBW= 30KHz, VBW \geq RBW, Sweep time = Auto.

5.2 TEST SETUP



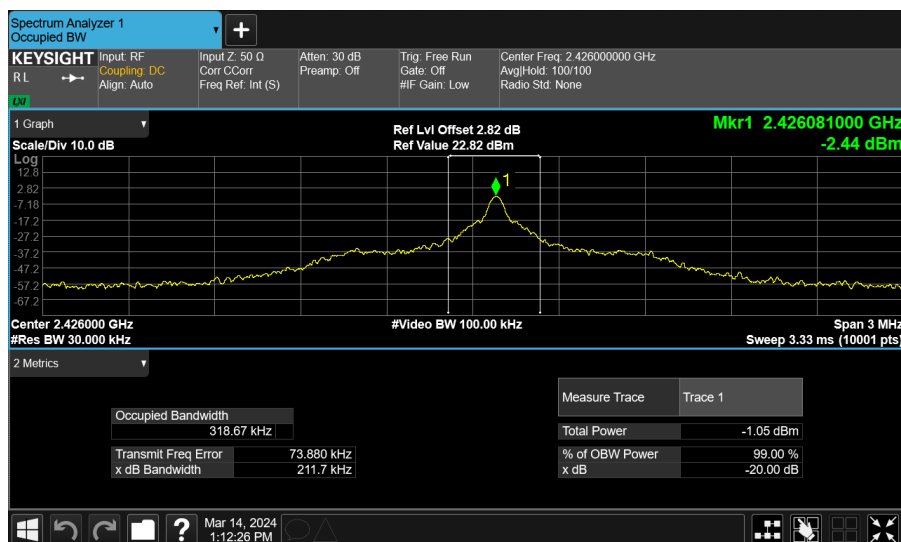
5.3 EUT OPERATION CONDITIONS

TX mode.

5.4 TEST RESULTS

Test Channel	Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
CH01	2426	0.212	0.319
CH25	2450	0.219	0.303
CH49	2474	0.248	0.312

Lowest Channel

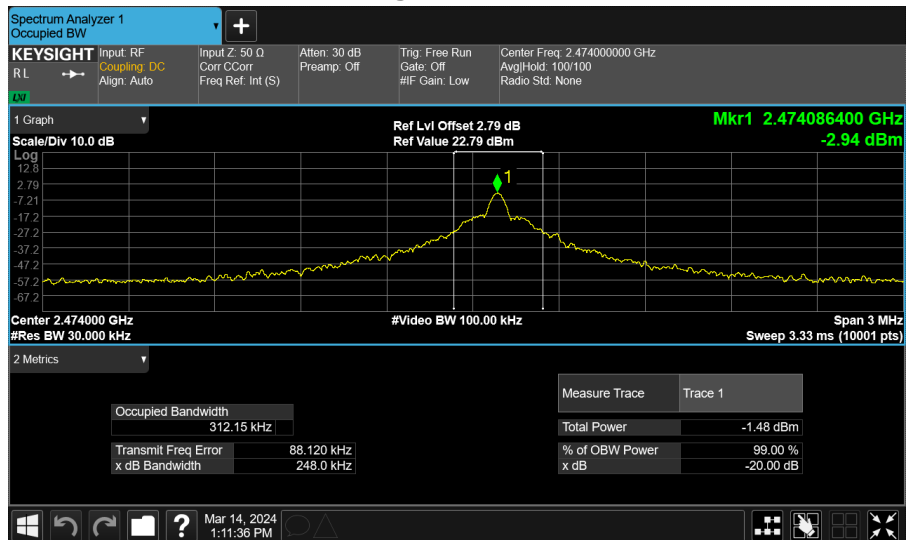




Middle Channel



High Channel





6. ANTENNA REQUIREMENT

6.1 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.

6.2 EUT ANTENNA

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

※※※※※END OF THE REPORT※※※※※