

# **Test Report**

**Applicant**: PEAG, LLC dba JLab Audio

Address 5927 LANDAU CT, Carlsbad, CA 92008, United

· States

**Product Name**: Wireless Mouse

**Brand Mark** : JLAB

Model : Flow Mouse

FCC ID : 2AHYV-FLOWM

Report Number : BLA-EMC-202410-A1602

**Date of Receipt** : 2024.10.11

**Date of Test** : 2024.10.12 to 2024.11.19

Test Standard : 47 CFR Part 15, Subpart C 15.247

Test Result : Pass

Compiled by: Hugh Review by: Sweets Approved by:

Issued Date: 2024:13/19

13 lue There

BlueAsia of Technical Services(Shenzhen) Co.

Address: Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District

Shenzhen, Guangdong Province, China





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# **Revise Record**

Version No.	Date	Description
01	2024.11.19	Original



# 1 General information

# 1.1 General information

Applicant	PEAG, LLC dba JLab Audio		
Address	5927 LANDAU CT, Carlsbad, CA 92008, United States		
Manufacturer	GuangDong Simpreal Intelligent Technology Co., Ltd		
Address	Room 2408, JiaHong ZhenXing DaSha, DongGuan Avenue #13,		
Address	DongCheng District, DongGuan City, GuangDong Province, P.R. China		
Factory	GuangDong Simpreal Intelligent Technology Co., Ltd		
Address	Room 2408, JiaHong ZhenXing DaSha, DongGuan Avenue #13,		
Addiess	DongCheng District, DongGuan City, GuangDong Province, P.R. China		

# 1.2 General description of EUT

Product Name	Wireless Mouse				
Model No.	Flow Mouse				
Series model	N/A				
Differences of Series model	N/A				
Operation Frequency:	2402MHz-2480MHz				
Modulation Type:	GFSK				
Rate data:	1Mbps; 2Mbps				
Channel Spacing:	2MHz				
Number of Channels:	40				
Antenna Type:	PCB antenna				
Antenna Gain:	-0.71dBi(Provided by customer)				
Power supply or adapter information	Battery:DC1.5V				
Hardware Version	V1.4				
Software Version	OX35				
Note: For a more detailed	Note: For a more detailed description, please refer to Specification or User's Manual supplied by				

Note: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.





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# 2 Test summary

No.	Test item	Result	Remark
1	Antenna Requirement	Pass	
2	Conducted Emissions at AC Power Line (150kHz-30MHz)	N/A	
3	Conducted Peak Output Power	Pass	
4	Minimum 6dB Bandwidth	Pass	
5	Power Spectrum Density	Pass	
6	Conducted Band Edges Measurement	Pass	
7	Conducted Spurious Emissions	Pass	
8	Radiated Spurious Emissions	Pass	
9	Radiated Emissions which fall in the restricted bands	Pass	

N/A: Not Applicable



# 3 Test Configuration

#### 3.1 Test mode

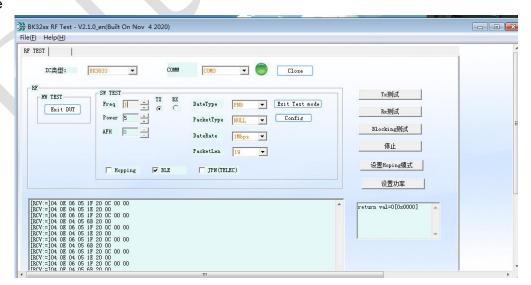
Test Mode Note 1	Description		
TX	Keep the EUT in continuously transmitting with modulation mode.		
RX	Keep the EUT in receiving mode		
TX Low channel	Keep the EUT in continuously transmitting mode in low channel		
TX middle channel	Keep the EUT in continuously transmitting mode in middle channel		
TX high channel	Keep the EUT in continuously transmitting mode in high channel		

Note 1: The EUT was configured to measure its highest possible emission and/or immunity level. The test modes were adapted according to the operation manual for use; the EUT was operated in the engineering mode Note 2 to fix the TX or Rx frequency that was for the purpose of the measurements.

Note 2: Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

Power level setup in software						
Test Software Name	BT FCC Tool V2.24					
Mode	Channel	Frequency (MHz)	Soft Set			
	CH00	2402				
GFSK	CH20	2442	TX level : 5			
	CH40	2480				

#### Run Software





# 3.2 Operation Frequency each of channel

	Frequency		Frequency		Frequency		Frequency
Channel	(MHz)	Channel	(MHz)	Channel	(MHz)	Channel	(MHz)
0	2402	10	2422	20	2442	31	2462
1	2404	11	2424	21	2444	32	2464
2	2406	12	2426	22	2446	33	2466
3	2408	13	2428	23	2448	34	2468
4	2410	14	2430	23	2450	35	2470
5	2412	15	2432	24	2452	36	2472
6	2414	16	2434	25	2454	37	2474
7	2416	17	2436	26	2456	38	2476
8	2418	18	2438	29	2458	39	2478
9	2420	19	2440	30	2460	40	2480

# 3.3 Test channel

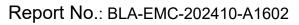
Channel	Frequency
	(MHz)
The lowest channel	2402
The middle channel	2442
The Highest channel	2480

# 3.4 Auxiliary equipment

Device Type	Manufacturer	Model Name	Serial No.	Remark
PC	Lenovo	E460C	N/A	From lab (No.BLA-ZC-BS-2022005)

#### Note:

"--" mean no any auxiliary device during testing.

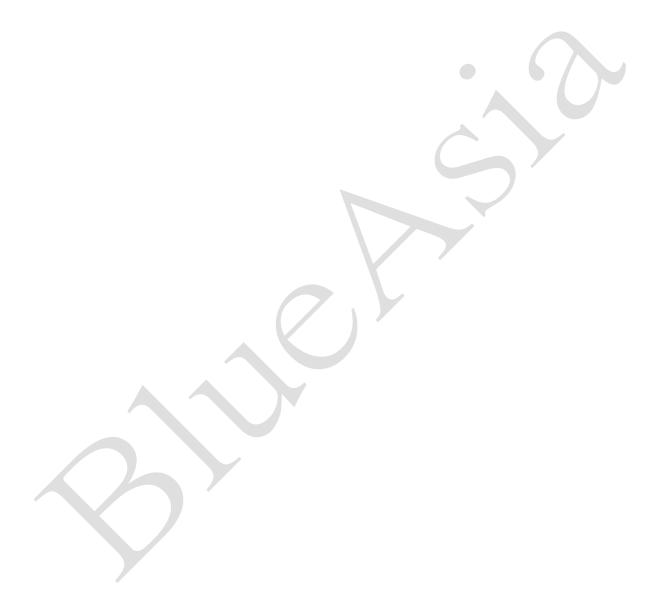




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# 3.5 Test environment

Environment	Temperature	Voltage	
Normal	25°C	DC 1.5V	





# 4 Laboratory information

# 4.1 Laboratory and accreditations

The test facility is recognized, certified, or accredited by the following organizations:

Company name:	BlueAsia of Technical Services(Shenzhen) Co., Ltd.
Address:	Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China
CNAS accredited No.:	L9788
A2LA Cert. No.:	5071.01
FCC Designation No.:	CN1252
ISED CAB identifier No.:	CN0028
Telephone:	+86-755-28682673
FAX:	+86-755-28682673

# 4.2 Measurement uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

Parameter	Expanded Uncertainty
Radiated Emission(9kHz-30MHz)	±4.34dB
Radiated Emission(30Mz-1000MHz)	±4.24dB
Radiated Emission(1GHz-18GHz)	±4.68dB
AC Power Line Conducted Emission(150kHz-30MHz)	±3.45dB
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±1.5 dB
Power Spectral Density, conducted	±3.0 dB
Unwanted Emissions, conducted	±3.0 dB
Temperature	±3 °C
Supply voltages	±3 %
Time	±5 %



# 5 Test equipment

#### Radiated Spurious Emissions (Below 1GHz)

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-002-01	Anechoic	9*6*6	SKET	N/A	2024/3/27	2027/3/26
BLA-LIVIC-002-01	chamber	chamber	SKLT	IN/A	2024/3/21	202113/20
BLA-EMC-002-02	Control room	966 control	SKET	N/A	2024/3/27	2027/3/26
BLA-LIVIO-002-02	Control 100m	room	OKET	IN/A	2024/3/21	202113120
BLA-EMC-009	EMI receiver	ESR7	R&S	101199	2024/08/08	2025/08/07
BLA-EMC-043	Loop antenna	FMZB1519B	Schwarzbeck	00102	2024/06/29	2026/06/28
BLA-EMC-065	Broadband	VULB9168	Schwarzbeck	01065P	2024/06/29	2026/06/27
BLA-EIVIC-003	antenna	VOLD9100	Scriwarzbeck	01003F	2024/00/29	2020/00/21
BLA-XC-01	Coaxial Cable	N/A	BlueAsia	V01	N/A	N/A
BLA-XC-02	Coaxial Cable	N/A	BlueAsia	V02	N/A	N/A

#### Radiated Spurious Emissions (Above 1GHz)

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-001-01	Anechoic chamber	9*6*6 chamber	SKET	N/A	2023/11/16	2026/11/15
BLA-EMC-001-02	Control Room	966 control room	SKET	N/A	2023/11/16	2025/11/15
BLA-EMC-008	Spectrum	FSP40	R&S	100817	2024/08/08	2025/08/07
BLA-EMC-012	Broadband antenna	VULB9168	Schwarzbeck	00836 P:00227	2022/10/12	2025/10/11
BLA-EMC-013	Horn Antenna	BBHA9120D	Schwarzbeck	01892	2024/06/29	2026/06/28
BLA-EMC-014	Amplifier	PA_000318G- 45	SKET	PA201804 3003	2024/08/08	2025/08/07
BLA-EMC-046	Filter bank	2.4G/5G Filter bank	SKET	N/A	2024/06/28	2025/06/27
BLA-EMC-061	Receiver	ESPI7	R&S	101477	2024/06/28	2025/06/27
BLA-EMC-066	Amplifier	LNPA_30M01 G-30	SKET	SK202106 0801	2024/06/28	2025/06/27
BLA-EMC-086	Amplifier	LNPA_18G40 G-50dB	SKET	SK202207 1301	2024/06/28	2025/06/27
BLA-EMC-087	Horn Antenna	BBHA 9170	Schwarzbeck	1106	2024/06/29	2026/06/28



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BLA-XC-03	Coaxial Cable	N/A	BlueAsia	V03	N/A	N/A
BLA-XC-04	Coaxial Cable	N/A	BlueAsia	V04	N/A	N/A

#### **Test Software Record:**

Software No.	Software Name	Manufacture	Software version	Test site
BLA-EMC-S001	EZ-EMC	EZ	EEMC-3A1+	RE
BLA-EMC-S002	EZ-EMC	EZ	EEMC-3A1+	RE
BLA-EMC-S010	MTS 8310	MW	2.0.0.0	RF



### 6 Test result

### 6.1 Antenna requirement

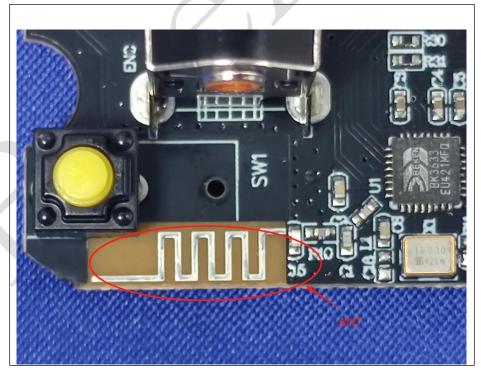
Test Standard	47 CFR Part 15, Subpart C 15.247	
Test Method	N/A	

#### 6.1.1 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 an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of a 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 integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is -0.71 dBi.





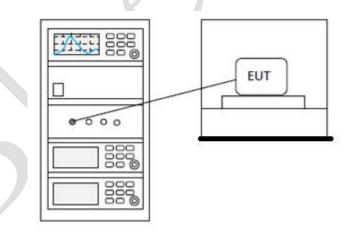
# 6.2 Conducted peak output Power

Test Standard	47 CFR Part 15, Subpart C 15.247	
Test Method	ANSI C63.10 (2013) Section 7.8.5	
Test Mode (Pre-Scan)	TX	
Test Mode (Final Test)	TX	

#### 6.2.1 Limit

Frequency range(MHz)	Output power of the intentional radiator(watt)
	1 for ≥50 hopping channels
902-928	0.25 for 25≤ hopping channels <50
	1 for digital modulation
	1 for ≥75 non-overlapping hopping channels
2400-2483.5	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation

# 6.2.2 Test setup



#### 6.2.3 Test data

Pass: Please refer to appendix A for details



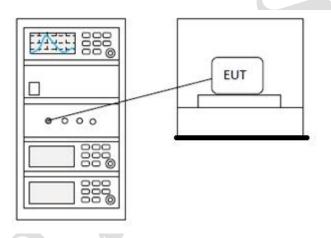
# 6.3 Minimum 6dB bandwidth

Test Standard	47 CFR Part 15, Subpart C 15.247	
Test Method	ANSI C63.10 (2013) Section 11.8.1	
Test Mode (Pre-Scan)	TX	
Test Mode (Final Test)	TX	

#### 6.3.1 Limit

≥500 kHz

### 6.3.2 Test setup



#### 6.3.3 Test data

Pass: Please refer to appendix A for details



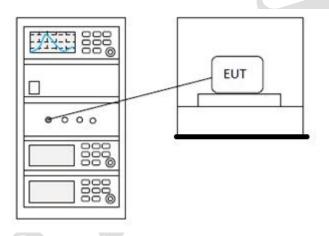
# 6.4 Power spectrum density

Test Standard	47 CFR Part 15, Subpart C 15.247	
Test Method	ANSI C63.10 (2013) Section 11.10.2	
Test Mode (Pre-Scan)	TX	
Test Mode (Final Test)	TX	

#### 6.4.1 Limit

≤8dBm in any 3 kHz band during any time interval of continuous transmission

### 6.4.2 Test setup



#### 6.4.3 Test data

Pass: Please refer to appendix A for details



### 6.5 Conducted Band Edges Measurement

Test Standard	47 CFR Part 15, Subpart C 15.247	
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2	
Test Mode (Pre-Scan)	TX	
Test Mode (Final Test)	TX	

#### 6.5.1 Limit

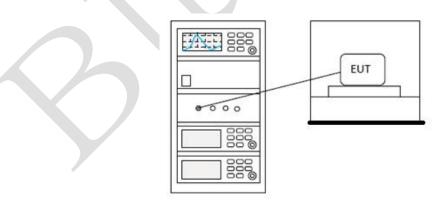
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20dB.

Attenuation below the general limits specified in §15.209(a) is not required.

In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

#### 6.5.2 Test setup



#### 6.5.3 Test data

Pass: Please refer to appendix A for details



### 6.6 Conducted spurious emissions

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

#### 6.6.1 Limit

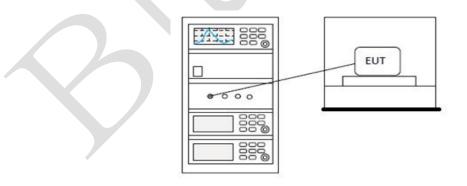
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20dB.

Attenuation below the general limits specified in §15.209(a) is not required.

In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

#### 6.6.2 Test setup



6.6.3 Test data

Pass: Please refer to appendix A for details



# 6.7 Radiated spurious emissions

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.4,6.5,6.6
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

#### 6.7.1 Limit

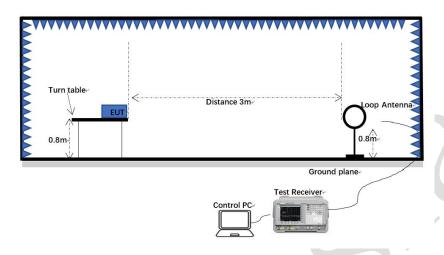
Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

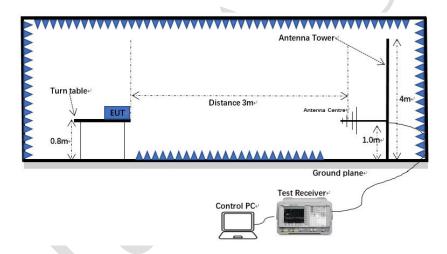


## 6.7.2 Test setup

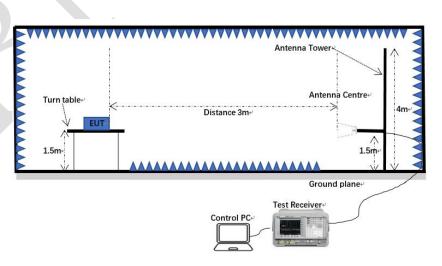
#### Below 1GHz:



#### 30MHz-1GHz:



#### Above 1GHz:



Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481

Email: marketing@cblueasia.com www.cblueasia.com





#### 6.7.3 Procedure

- a) For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b) For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c) The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d) 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.
- e) 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.
- f) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g) 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.
- h) Test the EUT in the lowest channel, the middle channel, the highest channel.
- i) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j) Repeat above procedures until all frequencies measured was complete.

Note 1: Scan from 9 kHz to 25GHz, the disturbance above 12.75GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. Fundamental frequency is blocked by filter, and only spurious emission is shown.

Note 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Note 3: The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

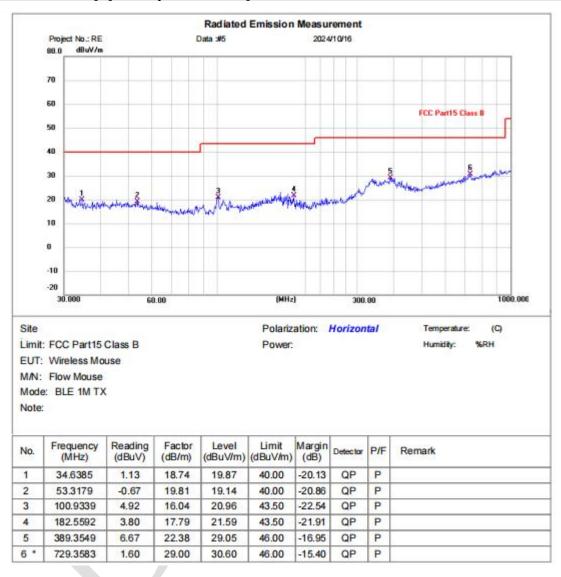
Level (dBuV) = Reading (dBuV) + Factor (dB/m)



#### 6.7.4 Test data

#### Below 1GHz

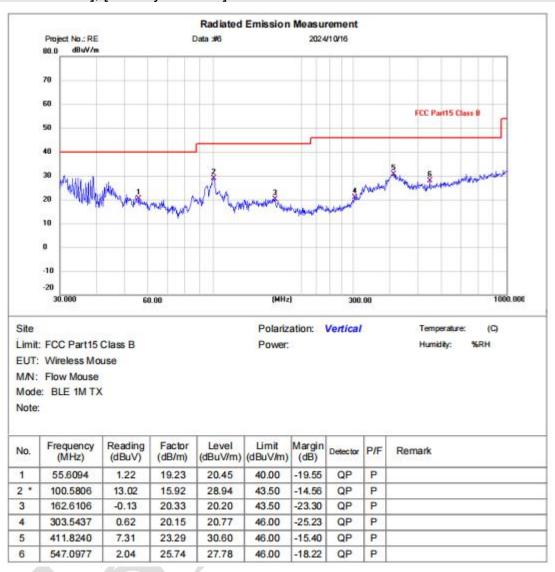
#### [Test mode: TX]; [Polarity: Horizontal]



#### **Test Result: Pass**



## [Test mode: TX]; [Polarity: Vertical]



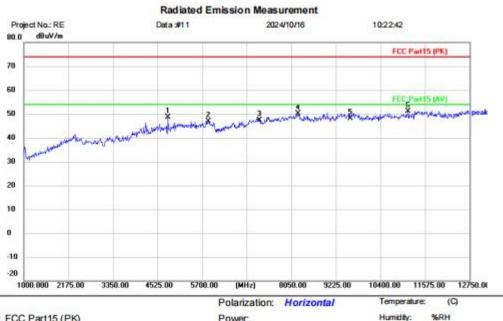
#### **Test Result: Pass**



#### Above 1GHz:

Remark: During the test, pre-scan the BLE1M/BLE2M mode, and found the BLE1M mode which it is worse case.

# [Test mode: TX low channel]; [Polarity: Horizontal]



Limit: FCC Part15 (PK) EUT: Wireless Mouse M/N: Flow Mouse Mode: BLE1M TX 2402

Note:

Site

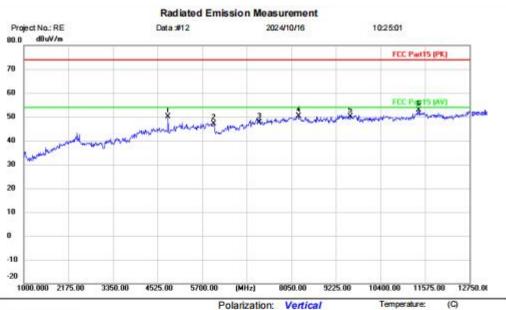
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	2	4795.250	42.26	6.32	48.58	74.00	-25.42	peak		
2		5864.500	37.89	8.93	46.82	74.00	-27.18	peak		
3	- 8	7206.000	36.92	10.39	47.31	74.00	-26.69	peak		
4		8226.250	38.69	11.34	50.03	74.00	-23.97	peak		
5		9608.000	35.07	13.01	48.08	74.00	-25.92	peak		
6		11128.50	37.21	13.95	51.16	74.00	-22.84	peak		

Power:

**Test Result: Pass** 



## [Test mode: TX low channel]; [Polarity: Vertical]



Limit: FCC Part15 (PK) EUT: Wireless Mouse M/N: Flow Mouse Mode: BLE1M TX 2402

Note:

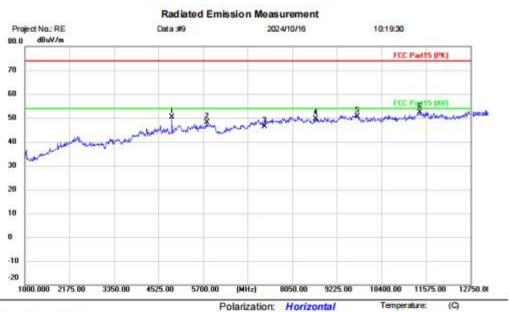
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	- 4	4795.250	43.92	6.32	50.24	74.00	-23.76	peak		
2	6	6005.500	41.21	5.84	47.05	74.00	-26.95	peak		
3	7	7206.000	37.31	10.39	47.70	74.00	-26.30	peak		
4	8	3238.000	39.03	11.26	50.29	74.00	-23.71	peak		
5	5	9608.000	37.08	13.01	50.09	74.00	-23.91	peak		
6	* 1	11410.50	38.01	14.88	52.89	74.00	-21.11	peak		

Power:

**Test Result: Pass** 



## [Test mode: TX middle channel]; [Polarity: Horizontal]



Site Limit: FCC Part15 (PK) EUT: Wireless Mouse

M/N: Flow Mouse Mode: BLE1M TX 2442

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Det ector	Comment	
1	4	4877.500	43.85	6.41	50.26	74.00	-23.74	peak		
2		5794.000	39.10	8.91	48.01	74.00	-25.99	peak		
3	- 6	7326.000	36.24	10.21	46.45	74.00	-27.55	peak		
4	{	3661.000	37.81	11.79	49.60	74.00	-24.40	peak		
5	(	9768.000	36.79	13.75	50.54	74.00	-23.46	peak		
6	*	11410.50	37.48	14.88	52. <b>3</b> 6	74.00	-21.64	peak		

**Test Result: Pass** 

%RH



## [Test mode: TX middle channel]; [Polarity: Vertical]



Site Limit: FCC Part15 (PK) EUT: Wireless Mouse M/N: Flow Mouse

Mode: BLE1M TX 2442

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	8	4877.500	44.50	6.41	50.91	74.00	-23.09	peak		
2	5	5911.500	37.91	9.08	46.99	74.00	-27.01	peak		
3	- 3	7326.000	36.15	10.21	46.36	74.00	-27.64	peak		
4	-	8273.250	39.84	11.11	50.95	74.00	-23.05	peak		
5	. 1	9768.000	36.41	13.75	50.16	74.00	-23.84	peak		
6	•	11222.50	37.18	13.90	51.08	74.00	-22.92	peak		

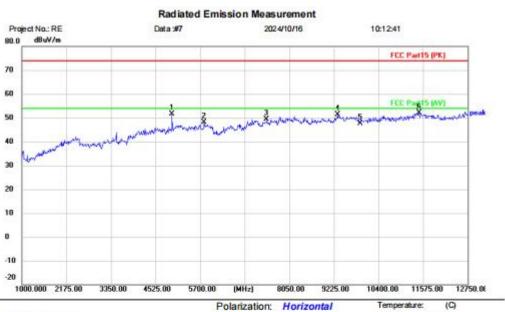
Power:

**Test Result: Pass** 

%RH



## [Test mode: TX High channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: Wireless Mouse
M/N: Flow Mouse
Mode: BLE1M TX 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	33	4959.750	44.16	7.41	51.57	74.00	-22.43	peak		
2		5805.750	39.15	9.00	48.15	74.00	-25.85	peak		
3	10	7440.000	38.32	11.03	49.35	74.00	-24.65	peak		
4		9319.000	38.17	13.21	51.38	74.00	-22.62	peak		
5	1 3	9920.000	34.39	13.16	47.55	74.00	-26.45	peak		
6	•	11469.25	36.87	15.21	52.08	74.00	-21.92	peak		

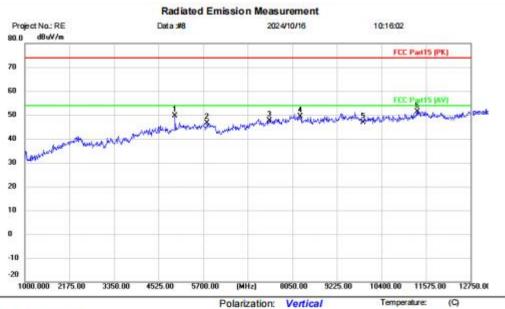
Power:

**Test Result: Pass** 

%RH



## [Test mode: TX High channel]; [Polarity: Vertical]



Site Limit: FCC Part15 (PK) EUT: Wireless Mouse M/N: Flow Mouse Mode: BLE1M TX 2480

Note:

No.	Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4959.750	42.14	7.41	49.55	74.00	-24.45	peak		
2	- 6	5805.750	37.69	9.00	46.69	74.00	-27.31	peak		
3	į.	7440.000	36.56	11.03	47.59	74.00	-26.41	peak		
4	3	8261.500	38.30	11.15	49.45	74.00	-24.55	peak		
5	1	9920.000	33.79	13.16	46.95	74.00	-27.05	peak		
6	•	11340.00	37.18	14.19	51.37	74.00	-22.63	peak		

Power:

**Test Result: Pass** 



#### 6.8 Radiated emissions which fall in the restricted bands

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.10.5
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

#### 6.8.1 Limit

Frequency(MHz)	Field strength(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

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.