

# **TEST REPORT**

Product Name : Bluetooth Mouse

Brand Mark : TECKNET/TeckNet

Model No. : EWM01308

Report Number : BLA-EMC-202202-A1803

Date of Sample Receipt : 2022/2/22

**Date of Test** : 2022/2/22 to 2022/3/8

**Date of Issue** : 2022/3/8

**Test Standard** 47 CFR Part 1.1307, Part 2.1093, KDB

447498

Test Result : Pass

Jozu Blue Zhong

### Prepared for:

Shenzhen Unichain Technology Co., Ltd 201, 2nd Floor, Building C, Shanhai Commercial Plaza, Huangjunshan District, Bantian Street, Longgang District, Shenzhen, China

Prepared by:

BlueAsia of Technical Services(Shenzhen) Co.,Ltd.
Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District,
Shenzhen, Guangdong Province, China

TEL: +86-755-23059481

Compiled by:

Approved by:

Review by:

Date:



neels



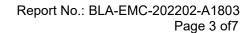


Page 2 of7

#### **REPORT REVISE RECORD**

Version No.	Date	Description	
00	2022/3/8	Original	







# **TABLE OF CONTENTS**

1	T	EST SUMMARY			4
-	-				
2	G	ENERAL INFORMATION			5
3	G	ENERAL DESCRIPTION OF E.U.T	•••••		5
4	L	ABORATORY LOCATION	•••••	•••••	6
5	R	F EXPOSURE COMPLIANCE REQUIREMENT	•••••		7
		Standard Requirement			
	5.2	LIMITS			7
	53	FLIT RE EXPOSURE			7



Page 4 of7

# 1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
RF Exposure	47 CFR Part 1.1307, Part 2.1093, KDB 447498	CFR 47 Part 2.1093	CFR 47 Part 2.1093	Pass





Page 5 of7

# 2 GENERAL INFORMATION

Applicant	Shenzhen Unichain Technology Co., Ltd			
Address	201, 2nd Floor, Building C, Shanhai Commercial Plaza, Huangjunshan District, Bantian Street, Longgang District, Shenzhen, China			
Manufacturer	Shenzhen Unichain Technology Co., Ltd			
Address	201, 111-3, Huangjinshan District, Bantian Community, Bantian Street, Longgang District, Shenzhen, China			
Factory	Shenzhen Unichain Technology Co., Ltd			
Address	201, 111-3, Huangjinshan District, Bantian Community, Bantian Street, Longgang District, Shenzhen, China			
Product Name	Bluetooth Mouse			
Test Model No.	EWM01308			

# 3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	N/A
Software Version	N/A
Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK
Channel Spacing:	2MHz
Number of Channels:	40
Antenna Type:	Chip Antenna
Antenna Gain:	0dBi(Provided by the applicant)



Page 6 of7

# **4 LABORATORY LOCATION**

All tests were performed at:

BlueAsia of Technical Services(Shenzhen) Co., Ltd.

Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province,

China

Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673

No tests were sub-contracted.





Page 7 of7

#### 5 RF EXPOSURE COMPLIANCE REQUIREMENT

#### 5.1 STANDARD REQUIREMENT

According to KDB447498D01 General RF Exposure Guidance v06

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

#### 5.2 LIMITS

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]  $\cdot [\sqrt{f(GHz)}] \le 3.0$  for 1-g SAR and  $\le 7.5$  for 10-g extremity SAR, where

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation<sup>17</sup>

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq$  50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $\leq$  5 mm, a distance of 5 mm is applied to determine SAR test exclusion

#### 5.3 EUT RF EXPOSURE

Operational Mode: BLE						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power		Calculated	Exclusion
Chamilei			(dBm)	(mW)	value	threshold
2402 MHz	-5.241	±1	-4.241	0.38	0.12	2.0
2442 MHz	-5.764	±1	-4.764	0.33	0.10	3.0
2480 MHz	-4.935	±1	-3.935	0.40	0.13	
Conclusion: the calculated value ≤3.0, SAR is exempted.						

#### ----END OF REPORT----

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full.