

Test Report No:
2330747R-RFUSV17S-A

RF EXPOSURE EVALUATION DECLARATION

Product Name	Bluetooth Keyboard
Brand Name	Leopold
Model No.	FC630MBT
FCC ID	RPK-FC630MBT
Applicant's Name / Address	Leopold Co., Ltd. B-dong-306, DaebangTriplaon BusinessTower, 158, Haneulmaeul-ro, Ilsandong-gu, Goyang-si, Gyeonggi-do, Republic of Korea
Manufacturer's Name / Address	Datacomp Electronics Co.,Ltd. No.38, Sec.2, Nankan Rd., Lujhu Dist., Taoyuan City 338,Taiwan.(R.O.C)
Test Method Requested, Standard	KDB 447498 D01 v06 <input type="checkbox"/> Minimum test separation distance ≥ 20 cm <input checked="" type="checkbox"/> For low power devices
Verdict Summary	IN COMPLIANCE
Documented By	<i>Hailey Peng</i> Hailey Peng / Senior Engineer
Approved By	<i>Rueyyan Lin</i> Rueyyan Lin / Supervisor
Date of Receipt	Mar. 21, 2023
Date of Issue	May 11, 2023
Report Version	V1.0

INDEX

	page
Competences and Guarantees.....	3
General Conditions	3
Revision History	4
1. General Information.....	5
1.1. EUT Description	5
1.2. Test Facility.....	6
2. RF Exposure Evaluation.....	7
2.1. Standard Applicable	7
2.2. Test Result of RF Exposure Evaluation.....	7

Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	May 11, 2023

1. General Information

1.1. EUT Description

RF General Information			
Evaluation Mode	Frequency Range (MHz)	Operating Frequency (MHz)	Modulation Type
Bluetooth	2400 ~ 2483.5	2402 ~ 2480	BR: FHSS (GFSK)

Note: The above EUT information is declared by the manufacturer.

1.2. Test Facility

Laboratory Information

USA : **FCC Registration Number: TW3024**
Canada : **CAB identifier : TW3024**

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: <http://www.dekra.com.tw>

If you have any comments, please don't hesitate to contact us. Our test sites as below:

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
Address	1. No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. 2. No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
Phone number	1. +886-3-582-8001 2. +886-3-582-8001
Fax number	1. +886-3-582-8958 2. +886-3-582-8958
E mail address	info.tw@dekra.com
Website	http://www.dekra.com.tw
Note: Test site number for address 1 includes HC-SR02. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12.	

2. RF Exposure Evaluation

2.1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

2.2. Test Result of RF Exposure Evaluation

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 (Power(mW)/separation (mm)*sqrt(f(GHz)≤3.0), SAR is required as shown in the table below where calculated values are greater than 3.0:

Evaluation Mode	Frequency (MHz)	E.I.R.P (dBm)	E.I.R.P (mW)	Calculated Threshold Value (≤3.0 SAR is not required)	Test Result (PASS/FAIL)
Bluetooth BR	2480	1.460	1.400	0.441	PASS

Operation frequency = 2480 MHz and antenna separation distance = 5mm

Body SAR Test Exclusion Threshold = 10mW

Antenna Gain: 2.78 dBi

Note:

1. The above EUT information is declared by the manufacturer.
2. The SAR/MPE measurement is not necessary.
3. The results are evaluated using the maximum power.