

SAR Exemption Evaluation Report

Applicant	Decathlon America LLC
FCC ID	2A8UO-THEUSREMOTE
Product	Remote Control
Model	8751665; 8844360
Report No.	EFTA26030280-IE-01-S1
Issue Date	April 2, 2026

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **KDB 447498 D01 General RF Exposure Guidance v06**. The test results show that the equipment tested can demonstrate compliance with the requirements as documented in this report.


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1 Test Laboratory

1.1 Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **Eurofins TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2 Test Facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

1.3 Testing Location

Company: Eurofins TA Technology (Shanghai) Co., Ltd.
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1.4 Laboratory Environment

Temperature	Min. = 18°C, Max. = 25°C
Relative humidity	Min. = 20%, Max. = 80%
Ground system resistance	< 0.5 Ω
Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards.	

2 Description of Equipment Under Test

Client Information

Applicant	Decathlon America LLC
Applicant address	Decathlon America LLC275 Battery Street Suite 480San Francisco, CA 94111
Manufacturer	Decathlon America LLC
Manufacturer address	Decathlon America LLC275 Battery Street Suite 480San Francisco, CA 94111

General Technologies

Application Purpose	Original Grant
EUT Stage	Identical Prototype
Model	8751665; 8844360
Lab Internal SN	EFTA26030280-IE-01/S01
Hardware Version	WLT8016M_L21_V28.17.19
Software Version	8751665: A01 8844360: A02
Antenna Type	Internal Antenna (PCB Antenna)
Date of Testing	March 20, 2026 ~ March 23, 2026
Date of Sample Received	March 20, 2026
Note: The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.	

Wireless Technology and Frequency Range

Wireless Technology	Tx (MHz)
Bluetooth 5.0	2402 ~2480

Note:

- Both of the two models have the same electrical construction except for the number of keys. They both use the BLE_WLT8016M Bluetooth module. Compared with the 3-button remote control, the 5-button version has two additional buttons (SW4, SW5). These two buttons are connected to the module in series with two resistors (R6, R7), while a detection resistor (R8) is omitted. Detail refer to the schematic.
- The model number for the 3-button is 8751665, and for the 5-button it is 8844360.

3 Evaluation Standard

KDB 447498 D01 General RF Exposure Guidance v06

4 Maximum Tune up Tolerance and Average Output Power

Bluetooth 5.0	Channel Frequency (MHz)	Average Output Power	Maximum Tune up Tolerance	
		(dBm)	(dBm)	(mW)
Low Channel	2402	3.73	4.50	2.82
Middle Channel	2440	3.65	4.50	2.82
High Channel	2480	3.51	4.50	2.82

5 Standalone SAR Test Exclusion Considerations

Per KDB 447498 D01, 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:

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

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Band	Configuration	Frequency (MHz)	Distance (mm)	MAX Tune Up (dBm)	Ratio	SAR test exclusion thresholds	Routine Evaluation
Bluetooth	Body	2402	0	4.50	0.87	3	No
	Extremity SAR	2402	0	4.50	0.87	7.5	No

Note: Based on SAR test exclusion, all values meet the SAR test exclusion thresholds and are exempt from routine evaluation.

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

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