



FCC RF EXPOSURE REPORT

Applicant : TOPEAK, Inc.
Address : 8F-4, NO. 20, DALONG ROAD, TAICHUNG 40310,
TAIWAN R.O.C.
Equipment : WHITELITE 600BT
Model No. : TMS-103BT
Trade Name : TOPEAK
FCC ID : R3STMS-103BT

I HEREBY CERTIFY THAT :

The sample was received on May. 04, 2023 and the testing was completed on May. 06, 2023 at CerpPASS Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of CerpPASS Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Leevin Li /Supervisor



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History of this test report

☒ Original

☐ Additional attachment as following record:

Attachment No.	Issue Date	Description
DEFJ2304164	May.11, 2023	Original



1. Test Configuration of Equipment under Test

1.1 Feature of Equipment

Equipment	WHITELITE 600BT
Model Name	TMS-103BT
Model Discrepancy	N/A
Chipset	FR8016HA
Frequency Range	2400MHz-2483.5MHz
Modulation Type	GFSK
Data Rate	GFSK: 1Mbps
Antenna Type	Ceramic Antenna
Working Temperature	-10°C to 60°C
Operating Voltage	From Battery: 3.7V
Charge	DC 5V/1A

Note: For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



1.2 General Information of Test

Test Site	CerpPASS Technology Corporation(CerpPASS Laboratory) Address: Room 102, No. 5, Xing'an Road, Chang'an Town, Dongguan City, Guangdong Province Tel: +86-769-8547-1212 Fax: +86-769-8547-1912
FCC Designation No.:	CN1288



2. Radio Frequency Exposure

2.1 Applicable Standards

The measurements shown in this test report were made in accordance with the procedures given in FCC Part 2 (Section 2.1093)

2.2 Limit

KDB 447498 D01 § 4.3(a)

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

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

*f(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

*The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion

2.3 Test Results

According to the KDB447498:

The SAR test exclusion thresholds Level:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot \sqrt{\text{freq. in GHz}} < 3$

Calculation

Channel Frequency (MHz)	Max. Conducted output power(dBm)	Max. Tune up power (dBm)	Max. Tune up power (mW)	Distance (mm)	SAR test exclusion thresholds
2402-2480	-2.290	-2.000	0.6310	5	0.1971

Then SAR evaluation is not required

-----THE END OF REPORT-----