HCT CO.,LTD.

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TEL: +82-31-645-6300 FAX: +82-31-645-6401

FCC MPE REPORT

Certification

Applicant Name:
PITTASOFT CO., LTD.

Address:
7F, BYC HIGHCITY Building A 131, Gasan Digital1-ro, Geumcheon-gu, Seoul, Republic of Korea, 08506

Date of Issue:
April 18, 2019

Test Site/Location:
HCT CO., LTD., 74,Seoicheon-ro 578beon-gil,Majang-myeo,Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA

Report No.: HCT-RF-1903-FI014-R1

FCC ID:	**YCK-B-124X**
APPLICANT:	**PITTASOFT CO., LTD.**

Model:	B-124X
EUT Type:	Rechargeable Li-ion Battery
Frequency Range:	2402 MHz - 2480 MHz (Bluetooth LE)

The measurements shown in this report were made in accordance with the procedures specified in §2.947. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them.

HCT CO., LTD. Certifies that no party to this application has subject to a denial of Federal benefits that includes FCC benefits pursuant to section 5301 of the Anti-Drug Abuse Act of 1998,21 U.S. C.853(a)

Report prepared by : Se Wook Park
Engineer of Telecommunication testing center

Approved by : Kwon Jeong
Manager of Telecommunication testing center

Version

TEST REPORT NO.	DATE	DESCRIPTION
HCT-RF-1903-FI014	March 25, 2019	- First Approval Report
HCT-RF-1903-FI014-R1	April 18, 2019	- Revised the Max peak output Power on page 4

RF Exposure Statement

1. Limit

According to §1.1310, §2.1091 RF exposure is calculated.

(B) Limits for General Population/Uncontrolled Exposures

Frequency range (MHz)	Electric field Strength (V/m)	Magnetic field Strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
0.3 - 1.34				
1.34 - 30	614	1.63	*(100)	30
30 - 300	824/f	2.19/f	*(180/ f^2)	30
300 - 1500	27.5	0.073	0.2	30
1500 - 100.000	.....	.....	f/1500	30
	.....	.....	1.0	30

F = frequency in MHz

* = Plane-wave equivalent power density

2. Maximum Permissible Exposure Prediction

Prediction of MPE limit at a given distance

$$S = PG/4\pi R^2$$

S = Power density
P = Power input to antenna
G = Power gain to the antenna in the direction of interest relative to an isotropic radiator
R = Distance to the center of radiation of the antenna

3. RESULTS

3-1. Bluetooth LE

Max Peak output Power at antenna input terminal	4.000	dBm
Max Peak output Power at antenna input terminal	2.512	mW
Prediction distance	20.00	cm
Prediction frequency	2402 ~ 2480	MHz
Antenna Gain(typical)	3.140	dBi
Antenna Gain(numeric)	2.061	-
Power density at prediction frequency(S)	0.001030	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.000	mW/cm^2