

RF Exposure Evaluation Report

APPLICANT : Finch Technologies Ltd.
EQUIPMENT : 6DoF VR controller
BRAND NAME : FinchShift
MODEL NAME : FINCHSHIFT ARMBAND
MARKETING NAME : FinchShift
FCC ID : 2AUGA-FNCHRM9D
STANDARD : FCC 47 CFR Part 2 (2.1093)
FCC KDB 447498 D01 v06

We, Sporton International (Shenzhen) Inc., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093 and KDB 447498 D01 v06, and pass the limit. Without written approval of Sporton International (Shenzhen) Inc., the test report shall not be reproduced except in full.



Approved by: Mark Qu / Manager

Sporton International (Shenzhen) Inc.

**1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen City,
Guangdong Province 518055, China**



Table of Contents

1. ADMINISTRATION DATA	4
1.1. Testing Laboratory	4
2. DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)	5
3. MAXIMUM RF AVERAGE OUTPUT POWER AMONG PRODUCTION UNITS	6
4. RADIO FREQUENCY RADIATION EXPOSURE EVALUATION	7

**Revision History**

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA912209	Rev. 01	Initial issue of report	Jun. 01, 2019

**1. Administration Data****1.1. Testing Laboratory**

Testing Laboratory	
Test Site	Sporton International (Shenzhen) Inc.
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen City, Guangdong Province 518055, China TEL: +86-755-8637-9589 FAX: +86-755-8637-9595

Applicant	
Company Name	Finch Technologies Ltd.
Address	Vistra Corporate Services, Wickhams Cay II, Road Town, Tortola,VG.VG1110

Manufacturer	
Company Name	Shenzhen Kaifa Technology Co., Ltd.
Address	7006,Caitian Rd.,FutianDist.,Shenzhen,518035 PRC

2. Description of Equipment Under Test (EUT)

Product Feature & Specification	
EUT Type	6DoF VR controller
Brand Name	FinchShift
Model Name	FINCHSHIFT ARMBAND
Marketing Name	FinchShift
FCC ID	2AUGA-FNCHRM9D
Wireless Technology and Frequency Range	Bluetooth: 2402 ~ 2480 MHz
Mode	Bluetooth LE
Antenna Type	PCB MIFA Antenna
Antenna Gain	1.60 dBi
HW Version	M6
SW Version	2.0.17
EUT Stage	Production Unit
Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.	



3. Maximum RF average output power among production units

Mode	Maximum Average Power (dBm)
Bluetooth LE	-1.00

4. Radio Frequency Radiation Exposure Evaluation

Mode	Average power(dBm)
	Bluetooth LE
2.4GHz Bluetooth	-1.00

Note:

Per KDB 447498 D01v06, 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(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

Bluetooth Max Power (dBm)	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
-1.00	< 5	2.48	0.3

Note:

Per KDB 447498 D01v06, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.2 which is ≤ 7.5, SAR testing is not required.

Conclusion:

Bluetooth Limbs SAR testing is not required.