RF Exposure Evaluation Report

APPLICANT	:	Qingdao Chuangjian Weilai Technology Co., Ltd
EQUIPMENT	:	VR Motion Controller
BRAND NAME	:	PICO
MODEL NAME	:	C1C10
FCC ID	:	2A5NV-C1C10L
STANDARD	:	47 CFR PART 2.1093 FCC KDB 447498 D01 v06

The product evaluation date was started from Oct. 26, 2023 and completed on Oct. 26, 2023. We, Sporton International Inc. (Kunshan), would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093 and FCC KDB 447498 D01 v06, and pass the limit. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Si Zhang

Approved by: Si Zhang

ACCREDITED Cert #5145.02

Sporton International Inc. (Kunshan)
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People's Republic of China

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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA392708	Rev. 01	Initial issue of report	Nov. 01, 2023

1. Administration Data

1.1. Testing Laboratory

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Testing Laboratory			
Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	SAR01-KS	CN1257	314309

Applicant	
Company Name	Qingdao Chuangjian Weilai Technology Co., Ltd
Address	3rd Floor, Building 4, 393 Songling Road, Laoshan District, Qingdao City, Shandong Province,China

Manufacturer	
Company Name	Qingdao Chuangjian Weilai Technology Co., Ltd
Address	3rd Floor, Building 4, 393 Songling Road, Laoshan District, Qingdao City, Shandong Province,China

2. Description of Equipment Under Test (EUT)

Product Feature & Specification	
EUT Type	VR Motion Controller
Brand Name	PICO
Model Name	C1C10
FCC ID	2A5NV-C1C10L
Wireless Technology and Frequency Range	nRF: 2402 MHz ~ 2480 MHz
Mode	nRF: GFSK
Antenna Type	nRF: FPC Antenna
Antenna Gain	nRF: gain 0.43 dBi
HW Version	DVT1
SW Version	PR00xx
EUT Stage	Identical Prototype
Remark: 1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.	

Comments and Explanations:
1. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification. 2. The maximum RF output tune up power, antenna gain also the safe distance used for evaluate RF exposure were declared by manufacturer.

3. Maximum RF Tune Up power among production units

<nRF>

Mode	Maximum Average Power (dBm)
nRF	9.0

4. RF Exposure Evaluation

Mode	Maximum Average Power (dBm)
nRF	9.0

Note:

1. 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:
   [(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] ·[√f(GHz)] ≤ 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

nRF Max Power (dBm)	Separation Distance (mm)	Frequency (GHz)	exclusion thresholds
9.0	< 5	2.48	2.5

Conclusion:

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 2.5 which is ≤ 7.5 for 10-g extremity SAR, extremity SAR testing is not required, and complied with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (4.0 W/kg for extremity SAR) specified in FCC 47 CFR part 2 (2.1093).

------THE END------