RF EXPOSURE EVALUATION REPORT

FCC ID	:	HLZDMS1
Equipment	:	Interactive BIKE power trainer
Brand Name	:	Xplova
Model Name	:	NOZA S , NOZA S1
Applicant	:	Acer Incorporated 8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22181, Taiwan (R.O.C)
Manufacturer	:	Xplova Inc. 6F., No.68, Ruiguang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)
Standard	:	47 CFR Part 2.1093 FCC KDB 447498 D01 v06

We, SPORTON INTERNATIONAL INC has been evaluated this product in accordance with 47 CFR Part 2.1093 and it complies with applicable limit.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Cona Huang

Approved by: Cona Huang / Deputy Manager

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History of this test report

Report No.	Version	Description	Issued Date
FA971608	Rev. 01	Initial issue of report	Oct. 24, 2019

1. General Information

1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	Interactive BIKE power trainer
Brand Name	Xplova
Model Name	NOZA S , NOZA S1
FCC ID	HLZDMS1
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz ANT+: 2457 MHz
Mode	Bluetooth LE ANT+: GFSK
SW Version	1.12
EUT Stage	Identical Prototype

Remark: The above DUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

Reviewed by: Jason Wang

Report Producer: Wan Liu

2. Maximum RF output power among production units

Average Power (dBm)	
LE	ANT+
GFSK	GFSK
0.5	1

3. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
0.5	1.12	5	2.48	0.35

ANT+ Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
1	1.26	5	2.48	0.40

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

Conclusion:

1. 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 Bluetooth test exclusion threshold is 0.35 which is <= 3, Bluetooth SAR testing is not required.
2. 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 ANT+ test exclusion threshold is 0.4 which is <= 3, ANT+ SAR testing is not required.