

Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186013ER1

Date: Feb. 29, 2024

Page 1 of 5

Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Feb. 22, 2024 ~ Feb. 23, 2024
Test Requested : According to customer requirements, perform the IPX8 waterproof test.

Test Item(s):

Serial number	Test Item(s)
1	IPX8

Note: This report replaces the report SAC2024-02186013E.

Test Result(s): Please refer to the following page(s).

Edited by:

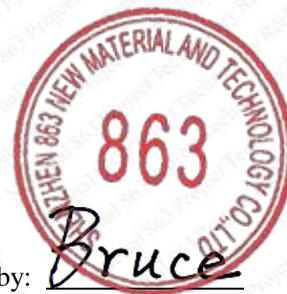
Alisa

Audited by:

Jacky Zhang

Approved by:

Bruce



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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test equipment:

Equipment name	Equipment model	Equipment number	Calibration date
Immersion test pressure tester	TL-IPX8-600	ORT-IPX8-01	20250204

3. Test environmental conditions:

Temperature: (24.3~24.7)°C, Humidity: (51.2~52.3)%RH

4. Test method:

According to customer requirements.

5. Test conditions:

Immerse the sample into the water-proof test equipment that simulates the water depth of 2m (or the pressure condition equivalent to 2m, but the product must be submerged by water) .After 2h, take out the

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sample.

6. Judgment criteria:

1. The function of the sample is normal;
2. There is no trace of water intake in the left and right warehouse body and horn shell.

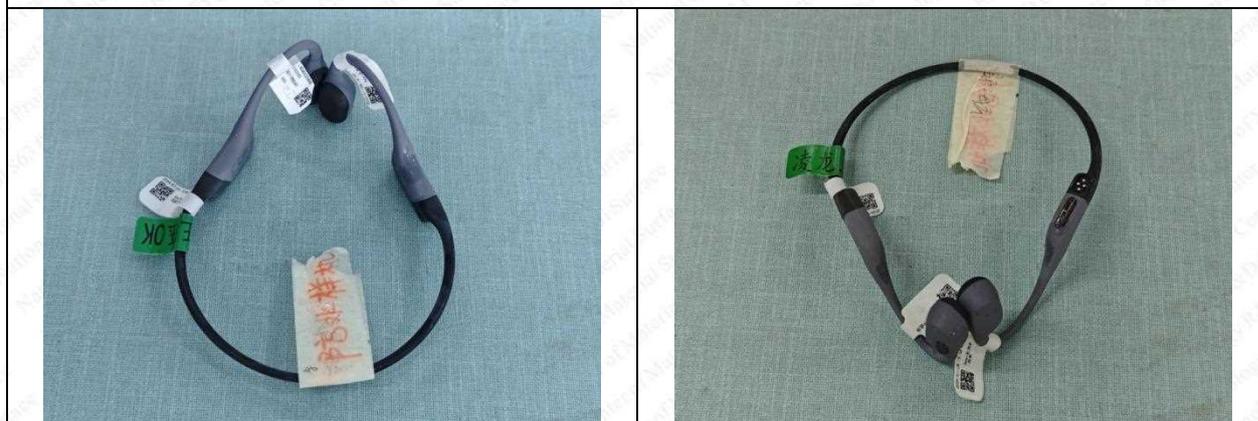
7. Test result(s):

Sample No.	Test Result(s)	Conclusion
1#	After the test, the sample function check is OK; There is no trace of water intake in the left and right warehouse body and horn shell.	PASS

8. Test sample photos:



Fig.2 During the test



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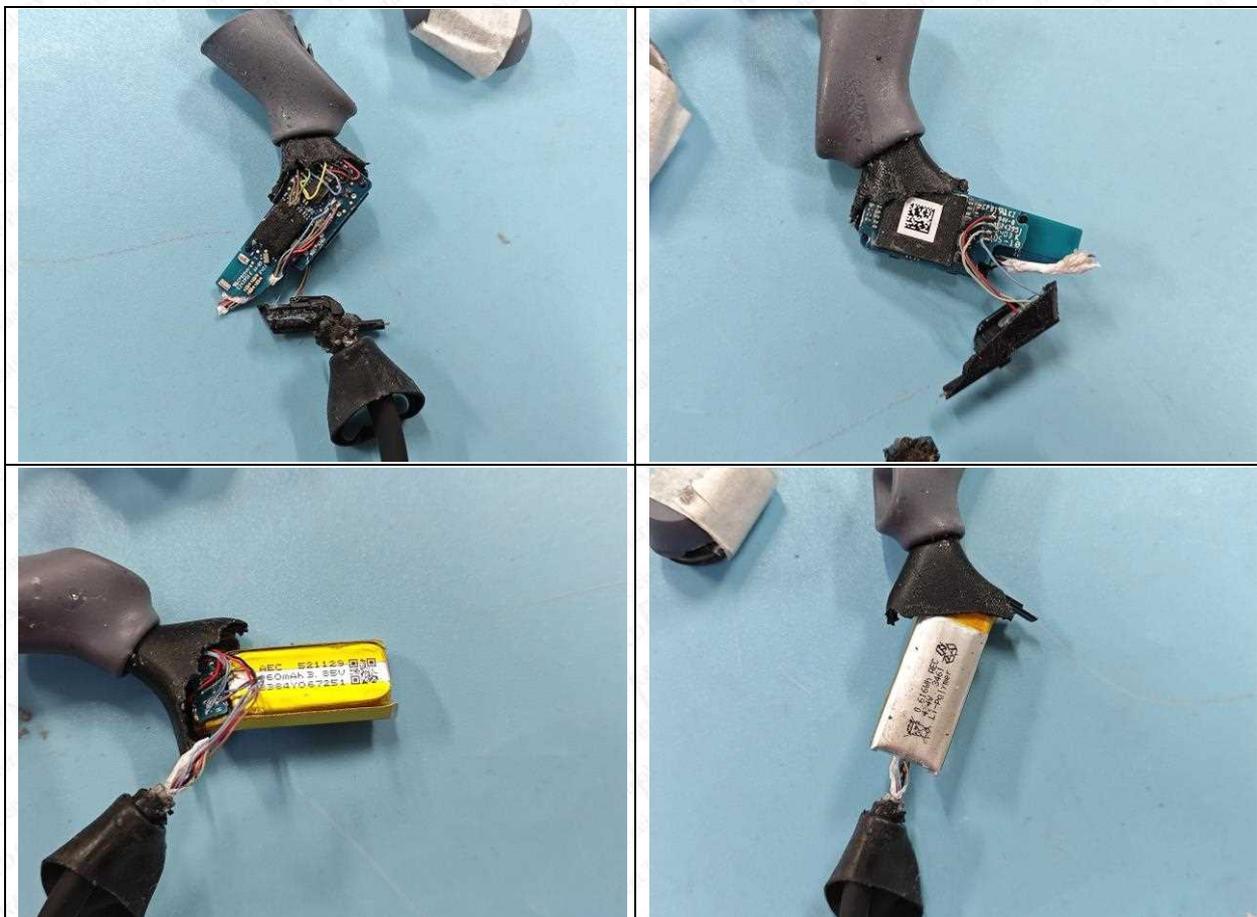


Fig.3 After test sample photos

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Authenticity query URL of report : www.szsac.com Anti-counterfeiting code : mhv6t6

Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186010E

Date: Feb. 21, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Feb. 3, 2024 ~ Feb. 7, 2024
Test Requested : According to customer requirements, perform the Endurance test.

Test Item(s):

Serial number	Test Item(s)
1	Endurance test

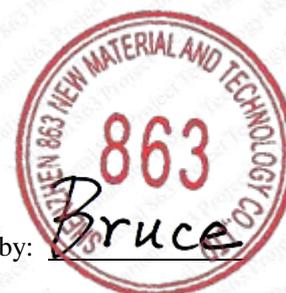
Note: /

Test Result(s): Please refer to the following page(s).

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Audited by: Jacky Zhang

Approved by: Bruce



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Report No.: SAC2024-02186010E

Date: Feb. 21, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test environmental conditions:

Temperature: $25^{\circ}\text{C} \pm 10^{\circ}\text{C}$; Humidity: $50\% \text{RH} \pm 25\% \text{RH}$

3. Test method:

According to customer requirements

4. Test conditions:

- 1) Charge the sample with a $5\text{V} \pm 0.25\text{V}$ voltage by the power source/charging head, and turn off the power immediately after the indicator light turns blue;
- 2) Connect the sample with Bluetooth of Apple mobile phone;
- 3) Open the Apple mobile phone's own player, play "Lenka-Trouble is a friend (hi-RES). wav", and set the single loop; Adjust the volume to the maximum volume;
- 4) Record the start time, track the time point when the earphone is automatically turned off due to power consumption, and calculate the song playing time;
- 5) Charge the sample with a $5\text{V} \pm 0.25\text{V}$ voltage by the power source/charging head again, record the charging start time, track the time when the sample indicator light turns blue, calculate the charging time of the prototype, and turn off the power;
- 6) Repeat steps 2)-4), and detect the song playing time when the volume is four squares back of the maximum volume;

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- 7) Transmit the experimental song "Lenka-Trouble is a friend (hi-RES). wav".
- 8) Charge the sample with a 5V ±0.25V voltage by the power source/charging head, and turn off the power immediately after the indicator light turns blue;
- 9) After the sample is turned on, connect it with Bluetooth of Apple mobile phone, switch to MP3 mode, play "Lenka-Trouble is a friend (hi-RES). wav" and set the single loop; Adjust the volume to the maximum volume;
- 10) Record the start time, track the time point when the earphone is automatically turned off due to power consumption, and calculate the song playing time;
- 11) Charge the sample with a 5V ±0.25V voltage by the power source/charging head again, record the charging start time, track the time when the sample indicator light turns blue, calculate the charging time of the prototype, and turn off the power;
- 12) Repeat steps 9)-11), and detect the song playing time when the volume is four squares back of the maximum volume;

5. Judgment criteria:

- 1) The duration of maximum volume discharge by Bluetooth should be >2.5h;
- 2) The duration when the volume is four squares back of the maximum volume by Bluetooth should be > 8h;
- 3) The duration of maximum volume discharge by MP3 should be >2h;
- 4) The duration when the volume is four squares back of the maximum volume by MP3 should be >6h.

6. Test result(s):

Sample No.	Test Result(s)	Conclusion
10#	1. The duration of maximum volume discharge by Bluetooth: 2h52min. 2. The duration when the volume is four squares back of the maximum volume by Bluetooth: 8h36min. 3. The duration of maximum volume discharge by MP3: 2h11min. 4. The duration when the volume is four squares back of the maximum volume by MP3: 6h27min.	PASS

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7. Test sample photos:

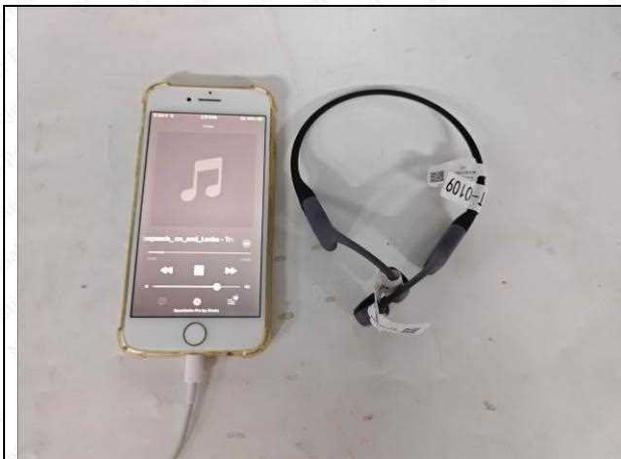


Fig.2 During the test



Fig.3 After test sample photos

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186012E

Date: Feb. 21, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Feb. 3, 2024 ~ Feb. 7, 2024
Test Requested : According to customer requirements, perform the Fast charge test.

Test Item(s):

Serial number	Test Item(s)
1	Fast charge test

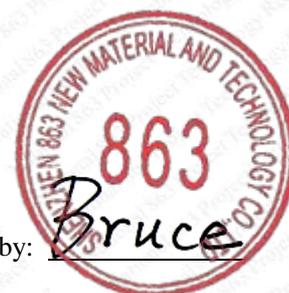
Note: /

Test Result(s): Please refer to the following page(s).

Edited by: Alisa

Audited by: Jacky Zhang

Approved by: Bruce



Test Report

Report No.: SAC2024-02186012E

Date: Feb. 21, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test environmental conditions:

Temperature: 25°C±10°C; Humidity: 50%RH±25%RH

3. Test method:

According to customer requirements.

4. Test conditions:

- 1) Room temperature (23°C) and humidity;
- 2) Bluetooth mode default EQ, the volume is four squares back of the maximum volume;
- 3) When the earphone is discharged to low power, it will automatically shut down. After 10min of charging, the earphone will turn on and connect to iPhone13, the distance is less than 10cm;
- 4) Select AAC mode for mobile phone;
- 5) Set the single loop, play "Trouble is a friend.wav" until the earphone automatically shut down, test the duration time.

5. Judgment criteria:

Duration time is not less than 3h.

6. Test result(s):

Sample No.	Test Result(s)	Conclusion
12#	After the test,the duration time is 3h9min.	PASS

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7. Test sample photos:



Fig.2 During the test



Fig.3 After test sample photos

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186006E

Date: Feb. 5, 2024

Page 1 of 4

Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Jan. 30, 2024 ~ Jan. 31, 2024
Test Requested : According to customer requirements, perform the High and low temperature test.

Test Item(s):

Serial number	Test Item(s)
1	High and low temperature test

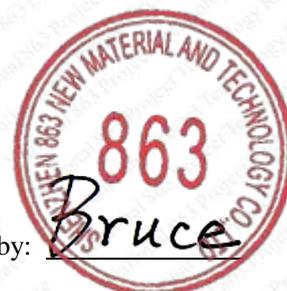
Note: /

Test Result(s): Please refer to the following page(s).

Edited by: Alisa

Audited by: Jacky Zhang

Approved by: Bruce



Test Report

Report No.: SAC2024-02186006E

Date: Feb. 5, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test equipment:

Equipment name	Equipment model	Equipment number	Calibration date
Thermal shock test chamber	TS-120SW	SA-348	2024-12-14

3. Test environmental conditions:

Temperature: 25°C±10°C; Humidity: 50%RH±25%RH

4. Test method:

According to customer requirements.

5. Test conditions:

T1: -30°C, T2: 65°C; Test duration: 1 h at each point; Transfer time: ≤ 3min; 12 cycles.

6. Judgment criteria:

- 1) Functional failure of the sample is not allowed;
- 2) Mechanical performance degradation (such as slight deformation, etc.) that does not affect normal use is allowed, but mechanical damage such as obvious appearance deformation (as determined by NPQ according to the consequences of deformation failure) or rupture is not allowed.

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7. Test result(s):

Sample No.	Test Result(s)	Conclusion
6#	After the test, the function of the sample is normal. There are no obvious changes on the appearance, no tackless or rupture.	PASS

8. Test sample photos:



Fig.2 During the test



Fig.3 After test sample photos

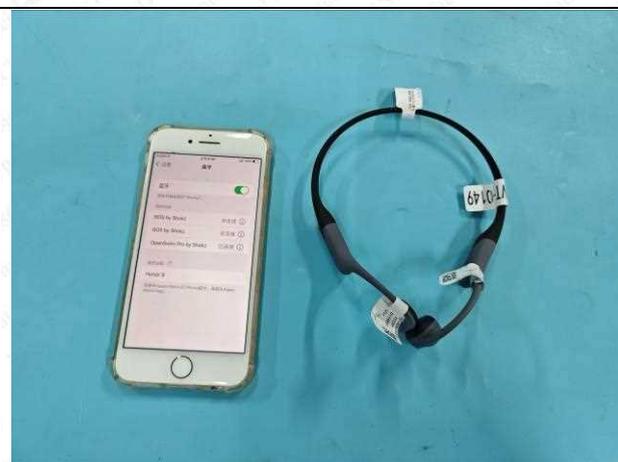


Fig.4 After test sample function check

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Shenzhen 863 New Material and Technology Co., Ltd

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186007E

Date: Feb. 5, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Jan. 29, 2024 ~ Feb. 4, 2024
Test Requested : According to customer requirements, perform the High temperature and humidity test.

Test Item(s):

Serial number	Test Item(s)
1	High temperature and humidity test

Note: /

Test Result(s): Please refer to the following page(s).

Edited by: Alisa

Audited by: Jacky Zhang

Approved by: Bruce

Test Report

Report No.: SAC2024-02186007E

Date: Feb. 5, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test equipment:

Equipment name	Equipment model	Equipment number	Calibration date
Temperature/Humidity Chamber	ESL-04KA	SA-134	2024-08-08

3. Test environmental conditions:

Temperature: 25°C±10°C; Humidity: 50%RH±25%RH

4. Test method:

According to customer requirements.

5. Test conditions:

Test status: the whole device, power off;

Test condition: 55°C, 95%RH for 96h; ;

Take out the test sample and let in room temperature for 2 h, and then check the function and the appearance of the sample.

6. Judgment criteria:

1) After the test, the whole-function of the sample is OK, including the charging box charging, earphone charging, lights inside and outside the box, and communication of the sample;

2) The battery should not catch fire or explode;

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3) No problems in appearance of the sample everywhere;

7. Test result(s):

Sample No.	Test Result(s)	Conclusion
7#	After the test, the function of the sample is normal. The battery did not catch fire or explode; There are no obvious changes on the appearance, no tackless or rupture.	PASS

8. Test sample photos:



Fig.2 During the test

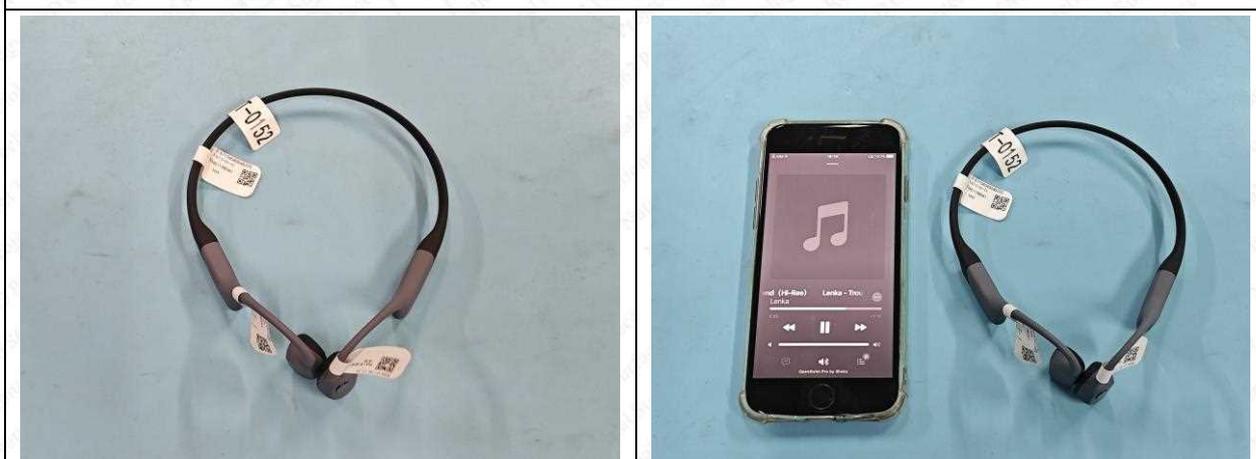


Fig.3 After test sample photos

Fig.4 After test sample function check

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Test Report

Report No.: SAC2024-02186009E

Date: Feb. 21, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Jan. 29, 2024 ~ Feb. 6, 2024
Test Requested : According to customer requirements, perform the MIC Life test.

Test Item(s):

Serial number	Test Item(s)
1	MIC Life test.

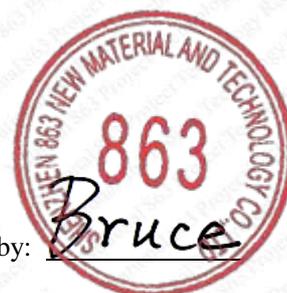
Note: /

Test Result(s): Please refer to the following page(s).

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Audited by: Jacky Zhang

Approved by: Bruce



Test Report

Report No.: SAC2024-02186009E

Date: Feb. 21, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test equipment:

Equipment name	Equipment model	Equipment number	Calibration date
Programmable constant temperature and humidity test chamber	EL-04KA	SA-134	2024-04-24

3. Test environmental conditions:

Temperature: 25°C ±10°C; Humidity: 50%RH ±25%RH

4. Test method:

According to customer requirements.

5. Test conditions:

- 1) Test temperature & humidity: 55°C/95% RH;
- 2) Connect the MIC with the mobile phone, let them work for 168h in the chamber, and play 94DBSPL pink noise at 10mm away from the MIC.

6. Judgment criteria:

After the test, the voice is clear and there is no obvious noise.

7. Test result(s):

Sample No.	Test Result(s)	Conclusion
9#	After the test, the voice is clear and there is no obvious noise.	PASS

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8. Test sample photos:



Fig.2 During the test



Fig.3 After test sample photos



Fig.4 After test sample function check

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186001E

Date: Feb. 21, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Feb. 1, 2024~Feb. 1, 2024
Test Requested : According to customer requirements, perform the Plug and pull test.

Test Item(s):

Serial number	Test Item(s)
1	Plug and pull test

Note: /

Test Result(s): Please refer to the following page(s).

Edited by:

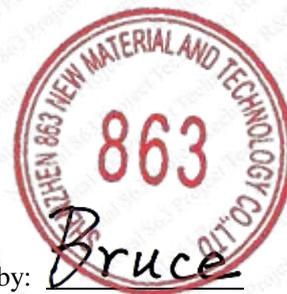
Alisa

Audited by:

Jacky Zhang

Approved by:

Bruce



Test Report

Report No.: SAC2024-02186001E

Date: Feb. 21, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test equipment:

Equipment name	Equipment model	Equipment number	Calibration date
Plug and pull life testing machine	PB-2218	SA-113	2025-01-21
Full-automatic plug and pull testing machine	PB-2000	SA-114	2025-01-21

3. Test environmental conditions:

Temperature: 25°C±10°C; Humidity: 50%RH±25%RH

4. Test method:

According to customer requirements.

5. Test conditions:

Test speed: 30 cycles /min;

Test cycle: 5000 cycles.

6. Judgment criteria:

The charging function of the case is normal, allowing a little damages on appearance;

The change rate of the pull-out force after the test is <5% (95%-105%).

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7. Test result(s):

Sample No.	Test Result(s)	Conclusion
1#	After the test, The charging function of the case is normal, and the pull-out force changes after the test is <5%, as shown in Table 1.	PASS

Table 1 The Pull-out force

Test Result(s)	Before the test N	After the test N	Change rate%
Pull-out Force	4.06	4.02	0.99

Note: Change rate= | The force after the test- The force before the test | ×100/ The force before the test

8. Test sample photos:

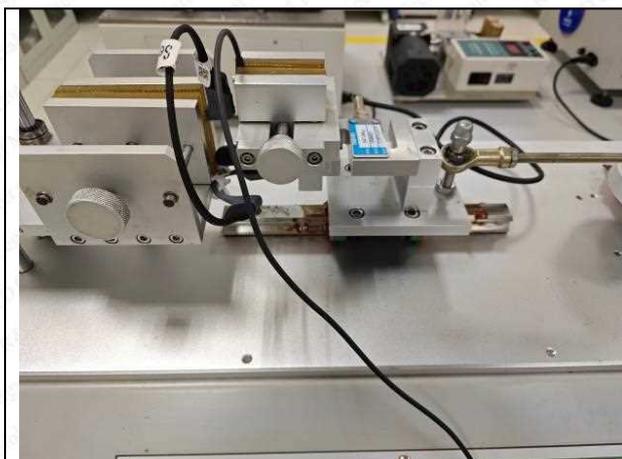


Fig.2 During the test



Fig.3 After test sample photos

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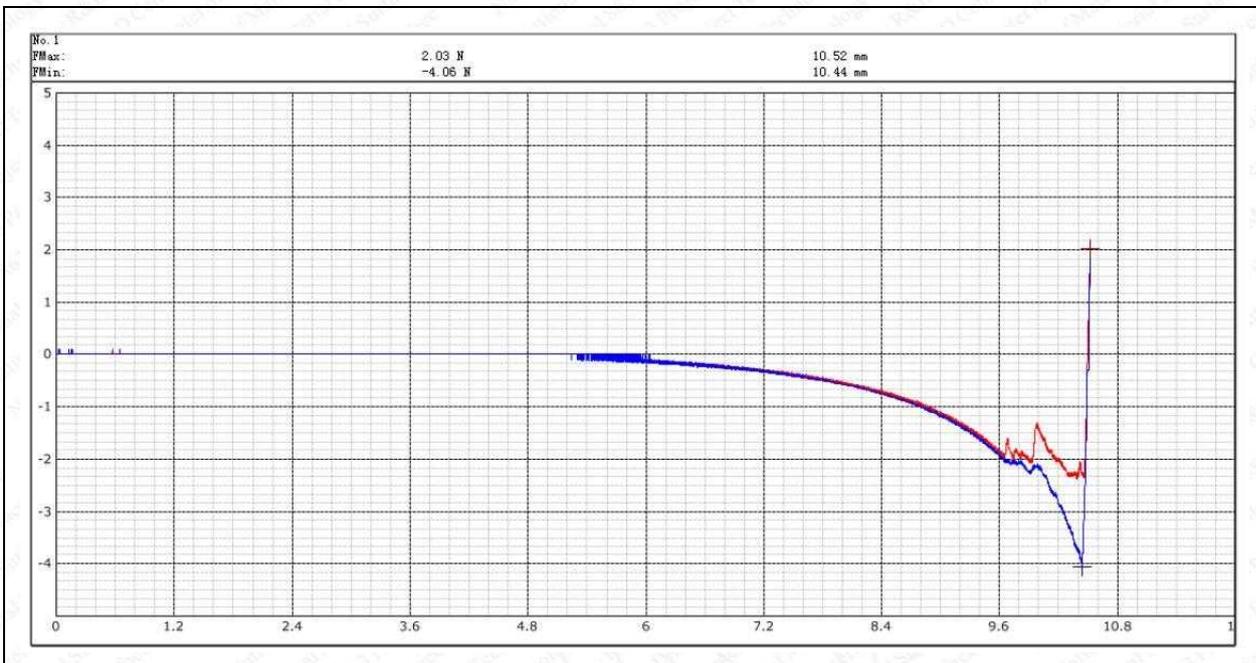


Fig.4 Pull-out force curve before the test

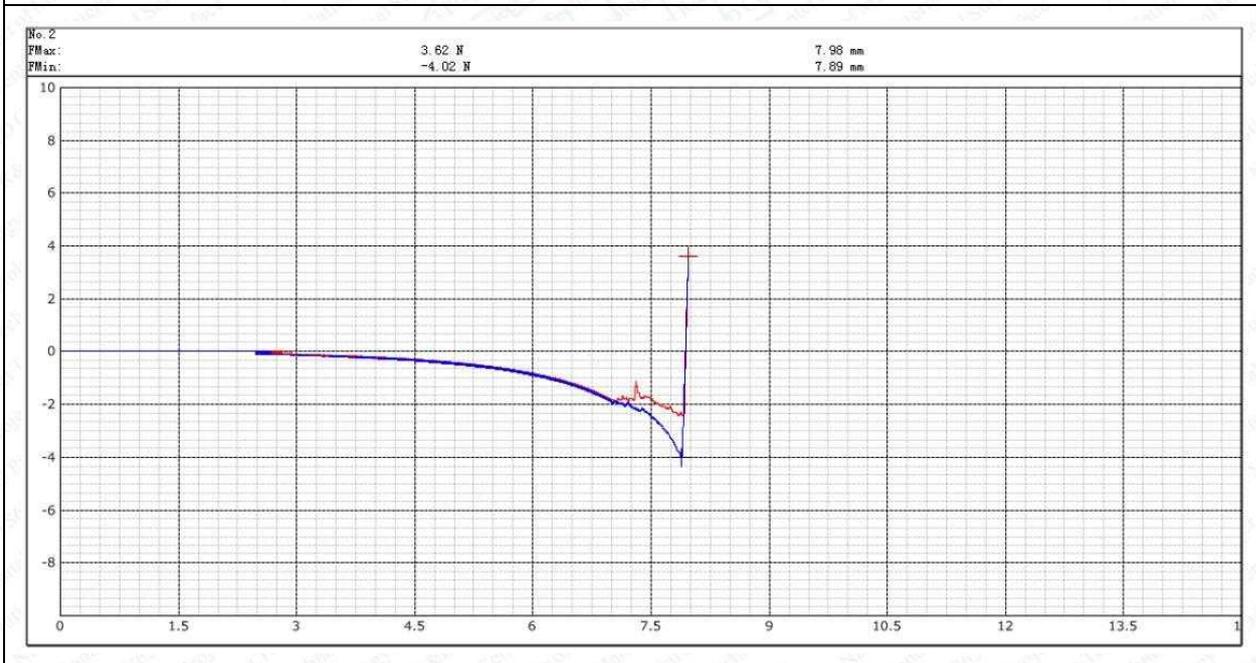


Fig.5 Pull-out force curve after the test

Shenzhen 863 New Material and Technology Co., Ltd

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186008E

Date: Feb. 5, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Feb. 2, 2024 ~ Feb. 5, 2024
Test Requested : According to customer requirements, perform the Salt spray test.

Test Item(s):

Serial number	Test Item(s)
1	Salt spray test

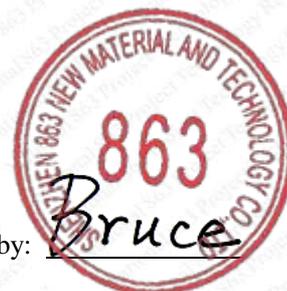
Note: /

Test Result(s): Please refer to the following page(s).

Edited by: Alisa

Audited by: Jacky Zhang

Approved by: Bruce



Test Report

Report No.: SAC2024-02186008E

Date: Feb. 5, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test equipment:

Equipment name	Equipment model	Equipment number	Calibration date
Salt spray test Chamber	UM-YW-160	SA-205	2025-01-21

3. Test environmental conditions:

Temperature: 25°C ±10°C; Humidity: 50%RH ±25%RH

4. Test method:

According to customer requirements.

5. Test conditions:

Salt spray test conditions:

Test temperature (°C)	35	Saturated barrel temperature (°C)	48
Compressed air pressure (kPa)	98	pH value	6.8
NaCl concentration (%)	5	Spray volume (mL/80cm ² •h)	1.3
Test time (h)	48		

After the salt spray test, let the sample stay in the room temperature for 48h, and then check the functions and the appearance.

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6. Judgment criteria:

- 1) After the test, the whole-function of the sample is OK;
- 2) No defects such as tackless, device falling off/loosening, swelling, cracking, brittle breakage, silica gel cracking, etc can be visible on the sample.

7. Test result(s):

Sample No.	Test Result(s)	Conclusion
8#	After the test, the sample function is normal. No defects such as tackless, device falling off/loosening, swelling, cracking, brittle breakage, silica gel cracking, etc can be visible on the sample.	PASS

8. Test sample photos:

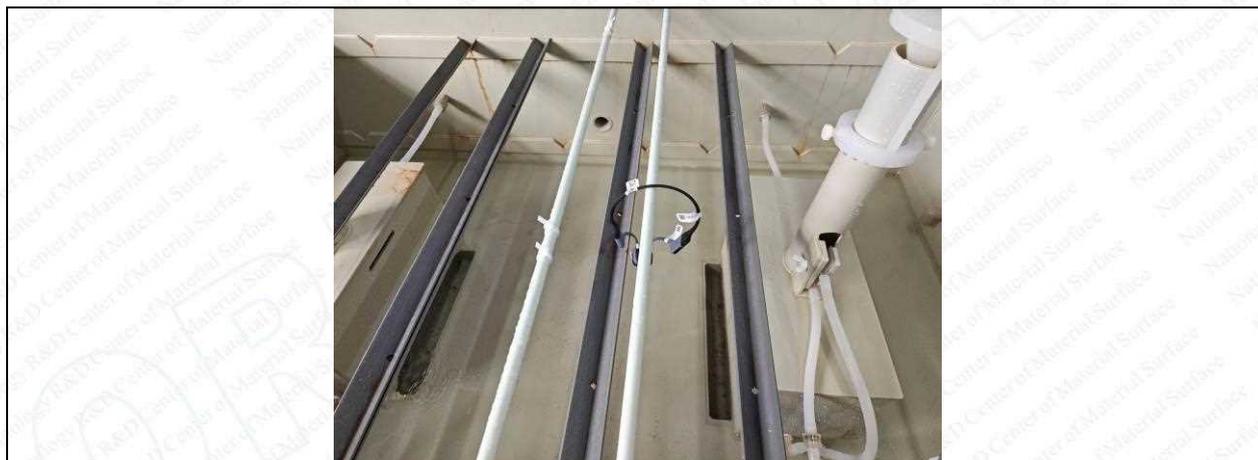


Fig.2 During the test



Fig.3 After test sample photos



Fig.4 After test sample function check

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186005E

Date: Feb. 5, 2024

Page 1 of 6

Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Jan. 31, 2024 ~ Feb. 1, 2024
Test Requested : According to customer requirements, perform the Vibration test.

Test Item(s):

Serial number	Test Item(s)
1	Vibration test

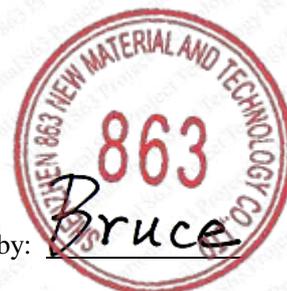
Note: /

Test Result(s): Please refer to the following page(s).

Edited by: Alisa

Audited by: Jacky Zhang

Approved by: Bruce



Test Report

Report No.: SAC2024-02186005E

Date: Feb. 5, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test equipment:

Equipment name	Equipment model	Equipment number	Calibration date
Electromagnetic high frequency vibration testing machine	EM-2000-L	SA-108	2024-03-22

3. Test environmental conditions:

Temperature: 25°C±10°C; Humidity: 50%RH±25%RH

4. Test method:

According to customer requirements.

5. Test conditions:

Frequency range: (14-34) Hz; Acceleration: 9.8m/s²; Vibration displacement: 10mm;

Test time: Every direction 2 h, total 6h.

6. Judgment criteria:

1. After the test, the whole-function of the sample is OK;
2. No defects such as tackless, bumping, rupture, device falling off/loosening, cracking, brittle breakage, silica gel cracking, etc can be visible on the sample.

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7. Test result(s):

Sample No.	Test Result(s)	Conclusion
5#	After the test, the function of the sample is normal, there are no defects such as tackless, bumping, rupture, device falling off/loosening, cracking, brittle breakage, silica gel cracking, etc can be visible on the sample.	PASS

8. Test sample photos:

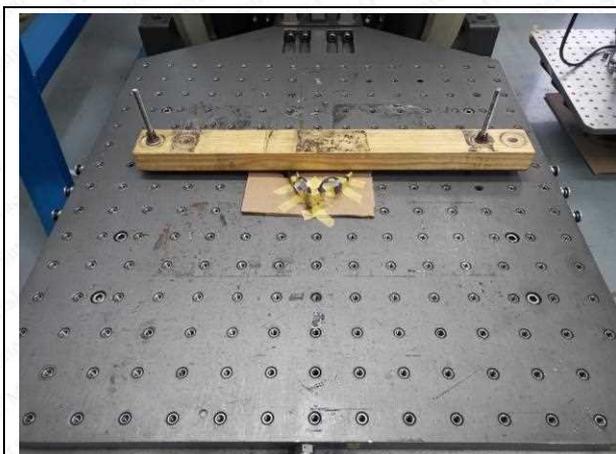


Fig.2 During the test (X-axis)

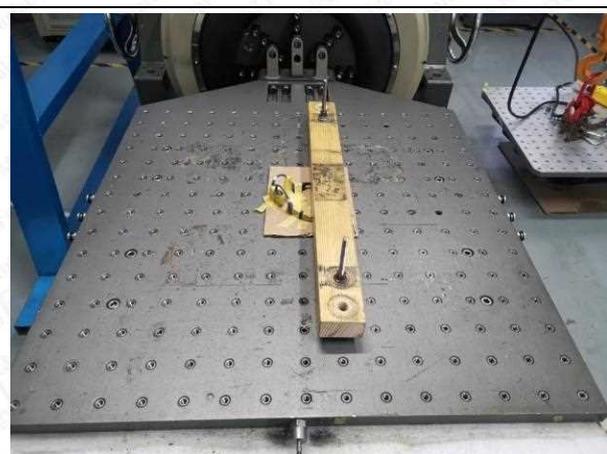


Fig.3 During the test (Y-axis)



Fig.4 During the test (Z-axis)

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Fig.5 After test sample photos



Fig.6 After test sample function check

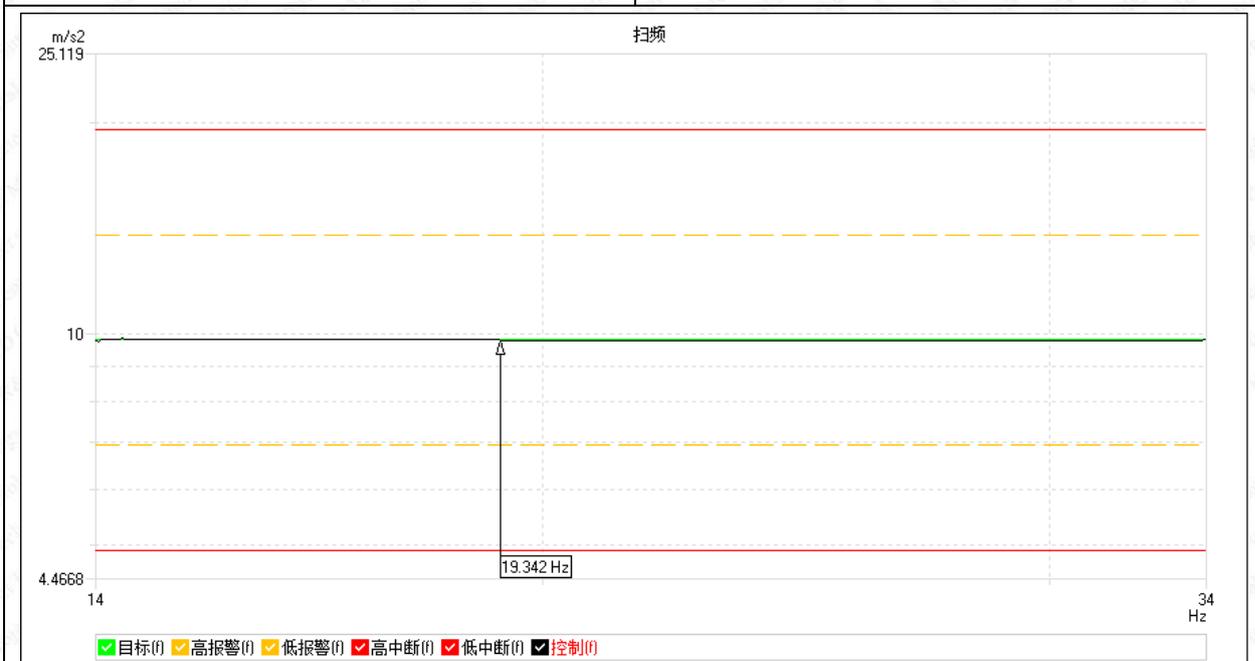


Fig.7 Test curve (X-axis)

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Fig.8 Test curve (Y-axis)

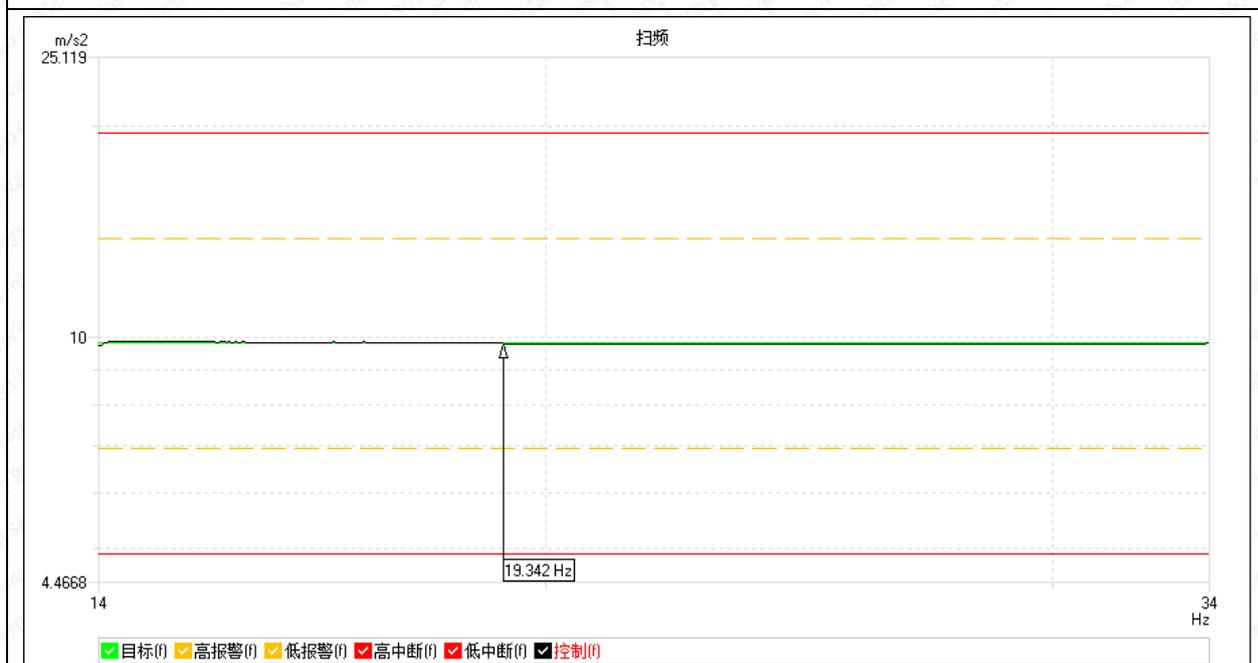


Fig.9 Test curve (Z-axis)

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186004E

Date: Feb. 5, 2024

Page 1 of 4

Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Feb. 1, 2024~Feb. 1, 2024
Test Requested : According to customer requirements, perform the Wiping test.

Test Item(s):

Serial number	Test Item(s)
1	Wiping test

Note: /

Test Result(s): Please refer to the following page(s).

Edited by:

Alisa

Audited by:

Jacky Zhang

Approved by:



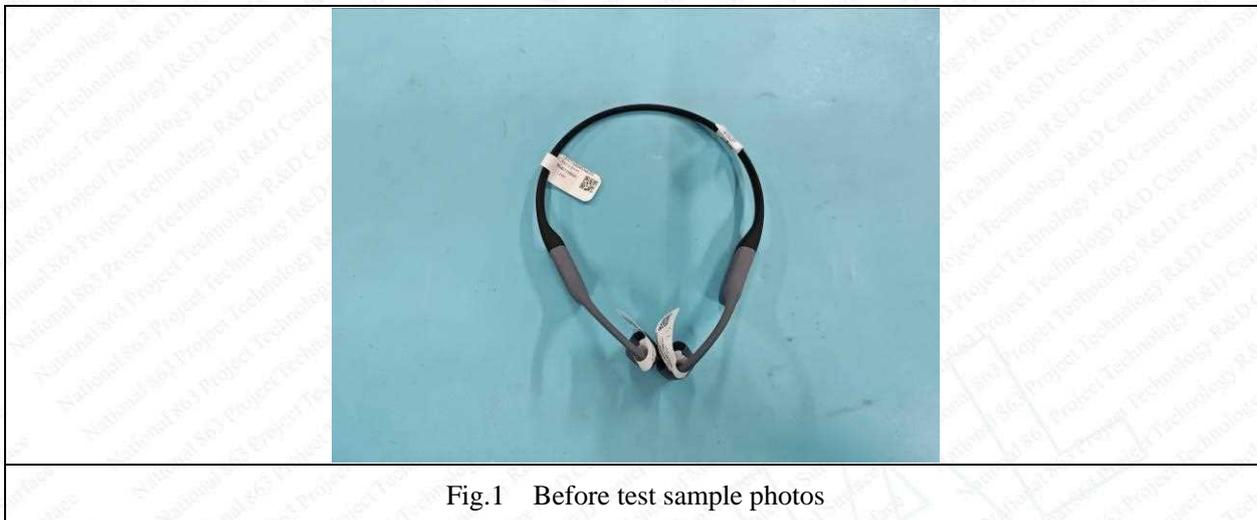
Test Report

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Date: Feb. 5, 2024

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1. Before test sample photos:



2. Test equipment:

Equipment name	Equipment model	Equipment number	Calibration date
Multifunctional wear testing machine	PB-2207	SA-130	2024-03-13

3. Test environmental conditions:

Temperature: 25°C ±10°C; Humidity: 50%RH ±25%RH

4. Test method:

According to customer requirements.

5. Test conditions:

- 1) Dust-free cloth; Ethanol (≥99.5%); Load:500g; Test frequency:(40~50)times/min; Test stroke:20mm (maximum stroke that can be accommodated according to the structure); Test cycle:100 cycles.

Note: Use a new dust-free cloth during every test, the dust-free cloth Model 3009, 8 layers, flat;

- 2) Test position: Board screen printing position. Battery screen printing position.

6. Judgment criteria:

- 1) No obvious fading or exposing the substrate on the coating surface;
- 2) It is only applicable to printed or laser etching on the coating surface: the printed /laser etching logo is not allowed to be worn and faded, and the font content is still complete, clear and recognizable.

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7. Test result(s):

Sample No.	Test Result(s)	Conclusion
4#	After the test, no obvious fading or exposing the substrate on the coating surface, no wearing or fading on the printed /laser etching logo and the font contents are still complete, clear and recognizable on the tested areas.	PASS

8. Test sample photos:

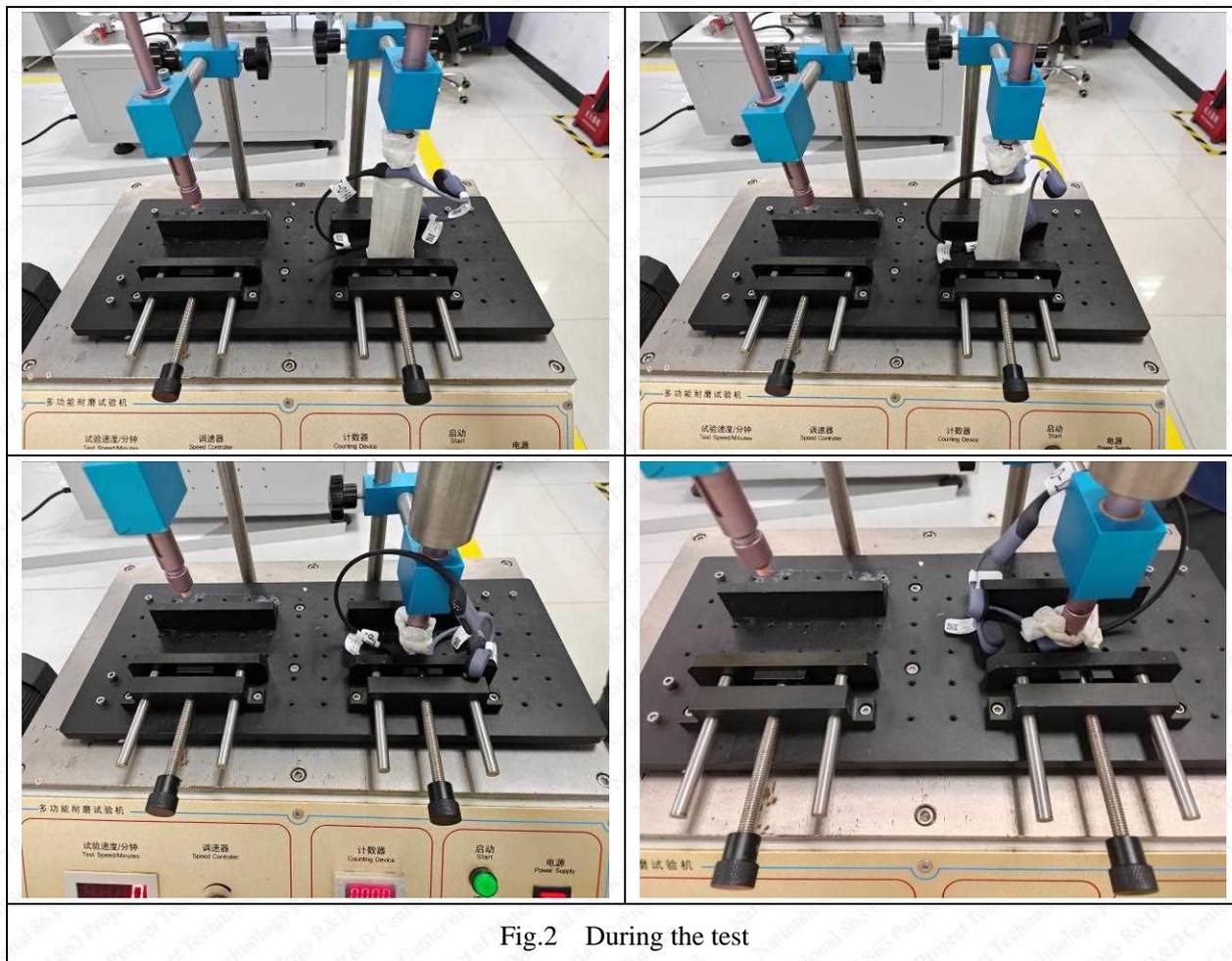


Fig.2 During the test

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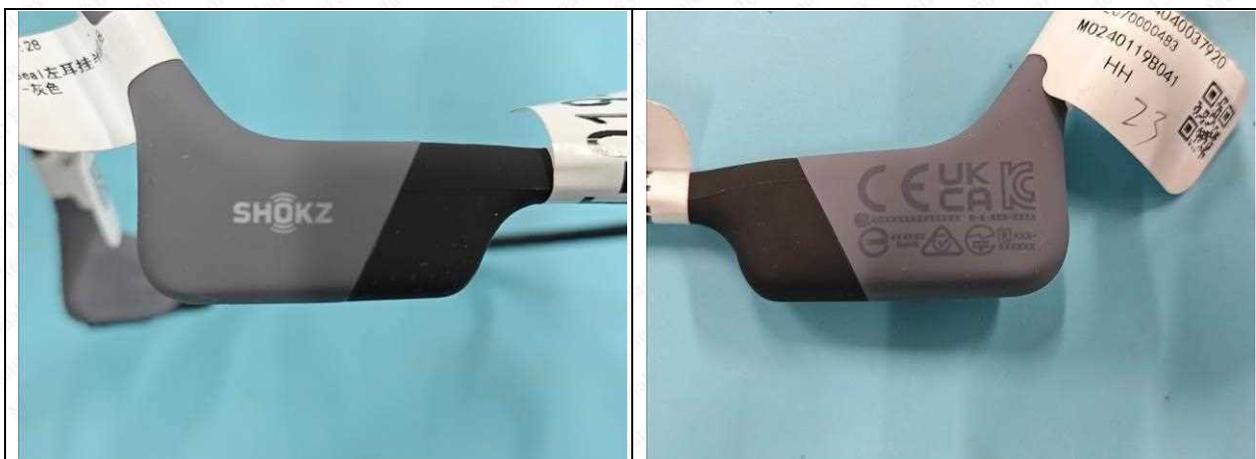


Fig.3 After test sample photos (Board screen printing position)



Fig.4 After test sample photos (Battery screen printing position)

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186003E

Date: Feb. 5, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Feb. 1, 2024 ~ Feb. 1, 2024
Test Requested : According to customer requirements, perform the Adhesion test.

Test Item(s):

Serial number	Test Item(s)
1	Adhesion test

Note: /

Test Result(s): Please refer to the following page(s).

Edited by:

Alisa

Audited by:

Jacky Zhang

Approved by:



Test Report

Report No.: SAC2024-02186003E

Date: Feb. 5, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test environmental conditions:

Temperature: 25°C±10°C; Humidity: 50%RH±25%RH

3. Test method:

According to customer requirements.

4. Test conditions:

- 1) Use a dust-free cloth dipping in the ethanol (≥99.5%) to degrease the printed part;
- 2) After drying, stick the Nichiban 405AP-24 adhesive tape on the printed/laser etching areas, squeeze the tape with fingernail to remove air bubbles between the tape and the coating, to strengthen the tape and the area to be tested;
- 3) After standing for (90±30)s, hold one end of the adhesive tape by hand, pull off the tape within 0.5s~1s in the reverse direction of 60°, and test the same position once.
- 4) Test position: Board screen printing position. Battery screen printing position.

5. Judgment criteria:

No visible falling off on the printing area.

6. Test result(s):

Sample No.	Test Result(s)	Conclusion
3#	After the test, no visible falling off on the tested printing areas.	PASS

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7. Test sample photos:



Fig.2 During the test

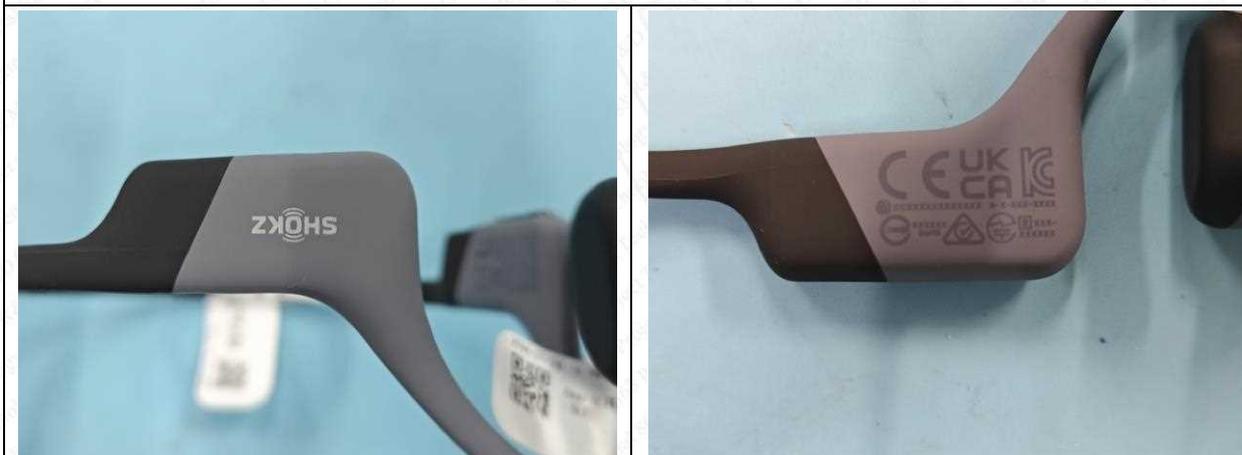


Fig.3 After test sample photos (Board screen printing position)



Fig.4 After test sample photos (Battery screen printing position)

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Date: Feb. 5, 2024

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186002E

Date: Feb. 5, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : Feb. 2, 2024~Feb. 2, 2024
Test Requested : According to customer requirements, perform the Drop test.

Test Item(s):

Serial number	Test Item(s)
1	Drop test

Note: /

Test Result(s): Please refer to the following page(s).

Edited by:

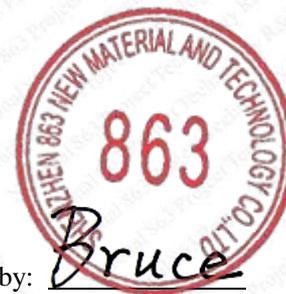
Alisa

Audited by:

Jacky Zhang

Approved by:

Bruce



Test Report

Report No.: SAC2024-02186002E

Date: Feb. 5, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test environmental conditions:

Temperature: 25°C±10°C; Humidity: 50%RH±25%RH

3. Test method:

According to customer requirements.

4. Test conditions:

Drop height: 1.52m; Drop times: 10 times (one time for every six faces, and 4 times for random positions);

Drop platform material: Rigid concrete ground.

5. Judgment criteria:

1. After the test, the whole-function of the sample is OK;
2. The function of the earphone is normal, the appearance good-yield is not less than 70%.

6. Test result(s):

Sample No.	Test Result(s)	Conclusion
2#	After the test, no obvious changes on the appearance; The function of the earphone is normal.	PASS

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7. Test sample photos:



Fig.2 During the test- Face 1 drop



Fig.3 During the test- Face 2 drop



Fig.4 During the test- Face 3 drop



Fig.5 During the test- Face 4 drop

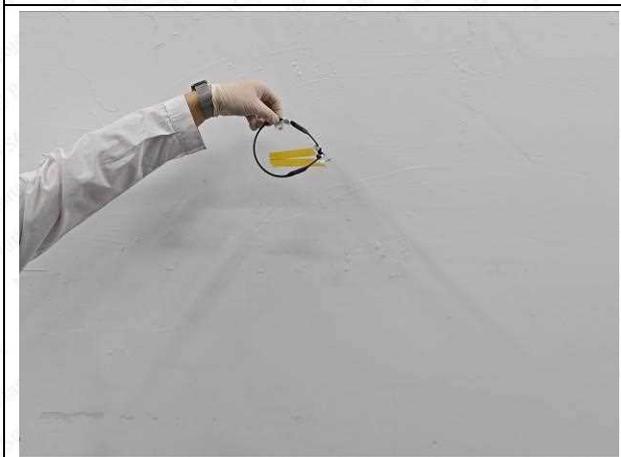


Fig.6 During the test- Face 5 drop

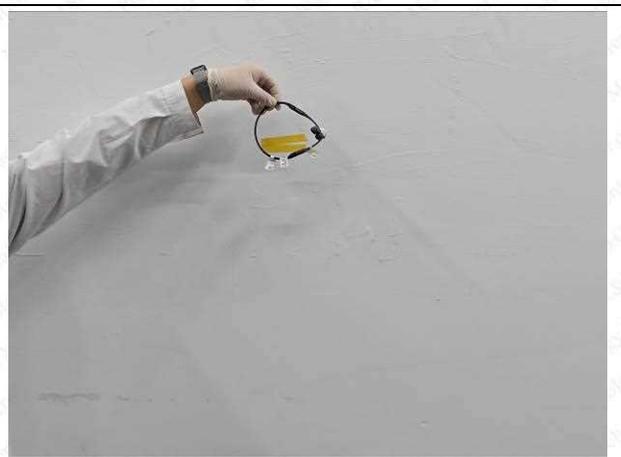


Fig.7 During the test- Face 6 drop

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Fig.8 During the test- Random drop



Fig.9 After test sample photos

Fig.10 After test sample function check

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Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2024-02186011E

Date: Feb. 23, 2024

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Customer : Shenzhen Shokz Co., Ltd.
Address : Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China

Sample Information

Sample Name : OpenSwim Pro
Sample quantity : 1pc
Model/P.O. No. : SHOKZ S710
Item/Lot No. : /
Material : /
Buyer : Shenzhen Shokz Co., Ltd.
Supplier : Shenzhen Shokz Co., Ltd.
Manufacturer : Shenzhen Shokz Co., Ltd.
Received Date : Jan. 29, 2024
Test Period : /
Test Requested : According to customer requirements, perform the Ear hook fatigue test.

Test Item(s):

Serial number	Test Item(s)
1	Ear hook fatigue test

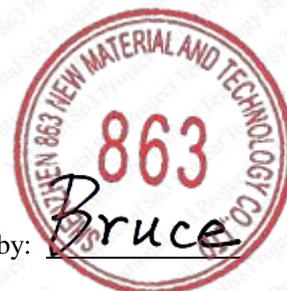
Note: /

Test Result(s): Please refer to the following page(s).

Edited by: Alisa

Audited by: Jacky Zhang

Approved by: Bruce



Test Report

Report No.: SAC2024-02186011E

Date: Feb. 23, 2024

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1. Before test sample photos:



Fig.1 Before test sample photos

2. Test equipment:

Ear hook reciprocating test equipment

3. Test environmental conditions:

Temperature: 25°C ±10°C; Humidity: 50%RH ±25%RH

4. Test method:

According to customer requirements.

5. Test conditions:

1. Equipment parameters: Set the screw stroke 10 mm;
2. Test frequency: 12 cycles /min;
3. Test cycle: 5000 cycles.

6. Judgment criteria:

1. After the test, the mechanical properties of the test sample have no obvious changes, such as no titanium wire breakage, damage or other phenomena.
2. After the test, the test sample functions normally.

7. Test result(s):

Sample No.	Test Result(s)	Conclusion
11#	After the test, the mechanical properties of the sample have no obvious change, no titanium wire breakage, damage or other phenomena; Sample function is normal.	PASS

Note: The test results were supplied by the customer.

Test Report

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Date: Feb. 23, 2024

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8. Test sample photos:



Fig.2 During the test



Fig.3 After test sample photos

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