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TEST REPORT

Report No. : CQASZ20260801801E-02
Applicant: 180s USA, LLC
Address of Applicant: 140 58th Street Suite 3E Brooklyn, NY 11220
Equipment Under Test (EUT):
EUT Name: Wireless Audio Ear Warmer
Model No.: SY26180
Test Model No.: SY26180
Brand Name: 180S
FCC ID: 2BXSS-SY26180
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-08-14
Date of Test: 2026-08-14 to 2026-08-28
Date of Issue: 2026-9-7
Test Result : PASS

Tested By: Azir Wang
(Azir Wang)

Reviewed By: Timo Lei
(Timo Lei)

Approved By: Jack Ai
(Jack Ai)



The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.

1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260801801E-02	Rev.01	Initial report	2026-9-7

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3. General Information

4. Client Information

Applicant:	180s USA, LLC
Address of Applicant:	140 58th Street Suite 3E Brooklyn, NY 11220
Manufacturer:	Shenzhen Shuaixian Electronic Equipment Co.,Ltd.
Address of Manufacturer:	Building C 301,NO.10 Lane 3, Longxing Road, Dakang Community, Yuanshan Street, Longgang District, Shenzhen, China
Factory:	Shenzhen Shuaixian Electronic Equipment Co.,Ltd.
Address of Factory:	Building C 301,NO.10 Lane 3, Longxing Road, Dakang Community, Yuanshan Street, Longgang District, Shenzhen, China

5. General Description of EUT

Product Name:	Wireless Audio Ear Warmer
Model No.:	SY26180
Test Model No.:	SY26180
Trade Mark:	180S
Software Version:	V2
Hardware Version:	V7
Power Supply:	Li-ion battery DC 3.7V 250mAh, Charge by DC 5V for adapter
Simultaneous Transmission	☒ Simultaneous TX is supported and evaluated in this report. ☐ Simultaneous TX is not supported.

6. General Description of BT

Operation Frequency:	2402MHz~2480MHz
Modulation Type:	GFSK, $\pi/4$ DQPSK
Transfer Rate:	1Mbps/2Mbps
Number of Channel:	79
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Antenna Type:	PCB antenna
Antenna Gain:	-0.62dBi

RF Exposure Evaluation

RF Exposure Compliance Requirement

Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

Limits

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:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$
$$f(\text{GHz}) \text{ is the RF channel transmit frequency in GHz}$$

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

EUT RF Exposure

1) For BT

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	2.24	2.5±1	3.5	2.239
Middle(2441MHz)	1.77	2.0±1	3.0	1.995
Highest(2480MHz)	1.95	2.0±1	3.0	1.995

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	2.239	0.694	3.0
Middle (2441MHz)	1.995	0.623	
Highest (2480MHz)	1.995	0.628	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260801801E-01

*** END OF REPORT ***