

TEST REPORT

Product Name : One Piece - Collectors Edition BT Headphones,
Jujutsu Kaisen - Collectors Edition BT
Headphones, Stitch - Collectors Edition BT
Headphones, Nightmare Before Christmas -
Collectors Edition BT Headphones
Model Number : O7P018A, O7P018A--RSQ25, J7P010A,
J7P010A--RSQ25, LLT046A, LLT046A--RSQ25,
NSP043A, NSP043A--RSQ25
FCC ID : 2A2WN-SCEJ01

Prepared for : NINGBO SC-STARMAX IMP. & EXP. CO., LTD.
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Report Number : ENS2509020067W00202R
Date of sample receipt : Sep 02, 2025
Date(s) of Tests : Sep 02, 2025 to Sep 18, 2025
Date of issue : Sep 19, 2025

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1. TEST RESULT CERTIFICATION

Applicant : NINGBO SC-STARMAX IMP. & EXP. CO., LTD.
Address : 19F, Building 1, Lane 1255, Heqing North Road, Yinzhou District, Ningbo, Zhejiang, China
Manufacturer : NINGBO SC-STARMAX IMP. & EXP. CO., LTD.
Address : 19F, Building 1, Lane 1255, Heqing North Road, Yinzhou District, Ningbo, Zhejiang, China
Factory : NINGBO SC-STARMAX IMP. & EXP. CO., LTD.
Address : 19F, Building 1, Lane 1255, Heqing North Road, Yinzhou District, Ningbo, Zhejiang, China
EUT : One Piece - Collectors Edition BT Headphones, Jujutsu Kaisen - Collectors Edition BT Headphones, Stitch - Collectors Edition BT Headphones, Nightmare Before Christmas - Collectors Edition BT Headphones
Model Name : O7P018A, O7P018A--RSQ25, J7P010A, J7P010A--RSQ25, LLT046A, LLT046A--RSQ25, NSP043A, NSP043A--RSQ25
Trademark : N/A

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
§ 15.247(i), § 2.1093	PASS

The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules FCC § 15.247(i), § 2.1093.

The test results of this report relate only to the tested sample identified in this report

Date of Test : Sep 02, 2025 to Sep 18, 2025

Prepared by : 
Una Yu /Editor

Reviewer : 
Joe Xia/Supervisor

Approve & Authorized Signer : 
Lisa Wang/Manager



Modified History

Version	Report No.	Revision Date	Summary
	ENS2509020067W00202R	/	Original Report



2. EUT Specification

Characteristics	Description
Product:	One Piece - Collectors Edition BT Headphones, Jujutsu Kaisen - Collectors Edition BT Headphones, Stitch - Collectors Edition BT Headphones, Nightmare Before Christmas - Collectors Edition BT Headphones
Model Number:	O7P018A, O7P018A--RSQ25, J7P010A, J7P010A--RSQ25, LLT046A, LLT046A--RSQ25, NSP043A, NSP043A--RSQ25 All products are identical except the product name, model number, color and appearance. Here we selected O7P018A for all the test. More details refer to attach table on page 5.
Sample:	1#
Data Rate:	1Mbps for GFSK modulation 2Mbps for $\pi/4$ -DQPSK modulation 3Mbps for 8DPSK modulation
Modulation:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Operating Frequency Range(s) :	2402-2480MHz
Number of Channels:	79 channels
Transmit Power Max:	-1.01 dBm(0.000793W)
Antenna Gain:	-2.9 dBi
Power supply:	DC 5V from USB DC 3.7V from battery
Evaluation applied:	☐ MPE Evaluation ☒ SAR Evaluation

Product Name	Model Number
One Piece - Collectors Edition BT Headphones	O7P018A, O7P018A--RSQ25
Jujutsu Kaisen - Collectors Edition BT Headphones	J7P010A, J7P010A--RSQ25
Stitch - Collectors Edition BT Headphones	LLT046A, LLT046A--RSQ25
Nightmare Before Christmas - Collectors Edition BT Headphones	NSP043A, NSP043A--RSQ25
Note: 1.The two model numbers of one product name is totally identical product. 2.The different product name are identical product except model name, model color and model appearance.	

3. Test Requirement

SAR Evaluation

According to 447498 D01 V06, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

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,²⁴ where

- $f_{(\text{GHz})}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation²⁵
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

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 according to 5) in section 4.1 is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval. One antenna is available for the EUT. The minimum separation distance is 5mm.

4. Measurement Result

Antenna gain: -2.9 dBi

Transmit Frequency (MHz)	Mode	Measured Power (dBm)	Tune up Power (dBm)	Max tune up power (dBm)	Calculation Result	Calculation threshold(1-g SAR)
2402	GFSK	-2.09	-2±1	-1	0.2462	3
2441	GFSK	-3.85	-3±1	-2	0.1972	3
2480	GFSK	-4.57	-4±1	-3	0.1579	3
2402	Π/4-DQPSK	-1.49	-1±1	0	0.3100	3
2441	Π/4-DQPSK	-3.57	-3±1	-2	0.1972	3
2480	Π/4-DQPSK	-4.28	-4±1	-3	0.1579	3
2402	8DPSK	-1.01	-1±1	0	0.3100	3
2441	8DPSK	-3.11	-3±1	-2	0.1972	3
2480	8DPSK	-3.92	-3±1	-2	0.1987	3

According to KDB 447498 D01 V06, no stand-alone required for BT antenna, and no simultaneous SAR measurement is required.

*** End of Report ***