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RF Exposure Evaluation Report

: Foldable Cat Ear Wireless Headset with

LED Light

Trade mark : MINISO

Model/Type reference : H06 Serial Number : N/A

Report Number : EED32O80238303

FCC ID : 2ART4-H06

Date of Issue : Apr. 01, 2022

: 47 CFR Part 1.1307

Test Standards 47 CFR Part 2.1093

KDB447498D01 General RF

Exposure Guidance v06

Test result : PASS

Prepared for:

MINISO Corporation

Room 2501, 25th floor, No.486 Heye Square, Kangwang Middle Road, Liwan District, Guangzhou, Guangdong, China

Prepared by:

Centre Testing International Group Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

TEL: +86-755-3368 3668 FAX: +86-755-3368 3385



Frazer Ļi

David Wang

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Reviewed by:

Aaron Ma

Laron Ma

Date:

Apr. 01, 2022

Check No.: 9302230222







Version

Version No.	Date	Date Description		
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General Information

3.1 Client Information

Applicant:	MINISO Corporation	
Address of Applicant:	Room 2501, 25th floor, No.486 Heye Square, Kangwang Middle Road, District, Guangzhou, Guangdong, China	Liwan
Manufacturer:	KYM Technology Co., Ltd	(30)
Address of Manufacturer:	1001-01, No.1, Kanghuai Industrial Park, No.60 Ping'an Road, Dafu Community, Guanlan Street, Longhua District, Shenzhen, China	6
Factory:	KYM Technology Co., Ltd	
Address of Factory:	1001-01, No.1, Kanghuai Industrial Park, No.60 Ping'an Road, Dafu Community, Guanlan Street, Longhua District, Shenzhen, China	

3.2 General Description of EUT

Product Name:	Foldable Cat Ear Wireless Headset with LED Light	
Mode No.:	H06	
Trade mark:	MINISO	(3)
EUT Supports Radios application:	Bluetooth 5.1 dual mode: 2402-2480MHz	
Bluetooth Version:	V5.1	
Product Type:	☐ Mobile ☐ Portable ☐ Fix Location	
Power Supply:	Battery: DC 3.7V	
	USB Port: DC 5.0V	
Test Voltage:	DC 3.7V	
Sample Received Date:	Feb. 24, 2022	-:-
Sample tested Date:	Feb. 23, 2022 to Mar. 16, 2022	(J)

Company Name and Address shown on Report, the sample(s) and sample Information was/ were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.

Model No.: H06

This product comes in two colors, one is blue and the other is pink. Only the blue was tested, since the electrical circuit design, layout, components used and internal wiring were identical for them, with difference being color of appearance.

3.3 General Description of BLE

Operation Frequency:	2402MHz~2480MHz				
Modulation Type:	GFSK		(0,)		(0,)
Transfer Rate:	⊠1Mbps □2Mbps				
Number of Channel:	40				
Antenna Type:	Internal Antenna			CONT.	
Antenna Gain:	0 dBi	(6,7)		(6,7)	













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3.4 General Description of BT Classic

Operation Frequency:	2402MHz~2480MHz
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)
Modulation Type:	GFSK, π/4DQPSK
Number of Channel:	79
Hopping Channel Type:	Adaptive Frequency Hopping systems
Antenna Type:	Internal Antenna
Antenna Gain:	0 dBi

3.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted. FCC Designation No.: CN1164

3.6 Deviation from Standards

None.

3.7 Abnormalities from Standard Conditions





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4 SAR Evaluation

4.1 RF Exposure Compliance Requirement

4.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06 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:

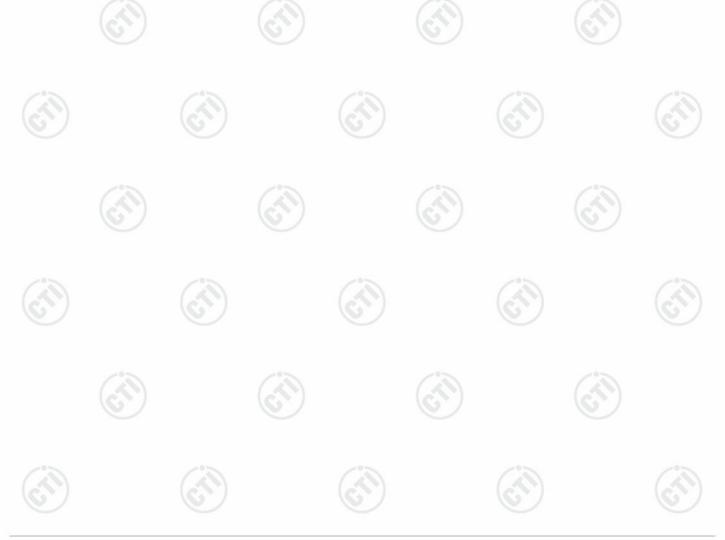
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

f(GHz) 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





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4.1.2 EUT RF Exposure

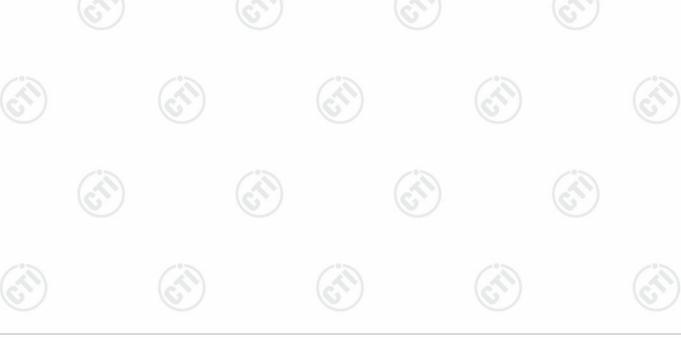
1) For BLE

Measurement Data

	GFSK n	node		
Test channel	Peak Output Power	Tune up tolerance	Maximum tune-up Power	
	(dBm)	(dBm)	(dBm)	(mW)
Lowest(2402MHz)	-1.57	-2.0±1	-1.0	0.794
Middle(2440MHz)	-0.8	-1.5±1	-0.5	0.891
Highest(2480MHz)	-0.09	-1.0±1	0	1.000

0.5	Maximum Peak Conducted	Tune up tolerance	Maximum tune- up Power		Calculated	Exclusion
- C	Output Power (dBm)	(dBm)	(dBm)	(mW)	value	threshold
Lowest (2402MHz)	-1.57	-2.0±1	-1.0	0.794	0.246	
Middle (2440MHz)	-0.8	-1.5±1	-0.5	0.891	0.278	3.0
Highest (2480MHz)	-0.09	-1.0±1	0	1.000	0.315	G

Remark: The Max Conducted Peak Output Power data refer to report Report No.: EED32O80238301.





2) For BT Classic **Measurement Data**

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measurement bata			1 2 1	
	GFSK r	node		
Test channel	Peak Output Power	Tune up tolerance	Maximum tun	e-up Power
100	(dBm)	(dBm)	(dBm)	(mW)
Lowest(2402MHz)	-1.52	-2.50±1	-1.50	0.708
Middle(2441MHz)	-0.67	-1.50±1	-0.50	0.891
Highest(2480MHz)	-0.05	-1.00±1	0	1.000
	π/4DQPS	K mode		
Test channel	Peak Output Power	Tune up tolerance	Maximum tune-up Power	
	(dBm)	(dBm)	(dBm)	(mW)
Lowest(2402MHz)	-0.74	-1.50±1	-0.50	0.891
Middle(2441MHz)	0	-1.0±1	0	1.000
Highest(2480MHz)	0.73	0±1	1.00	1.259

Channel	Maximum Peak Conducted	Tune up		ım tune- 'ower	Calculated	Exclusion
0.14.1,1.0.	Output Power (dBm)	(dBm)	(dBm)	(mW)	value	threshold
Lowest (2402MHz)	-0.74	-1.50±1	-0.50	0.891	0.276	6
Middle (2441MHz)	0	-1.0±1	0	1.000	0.312	3.0
Highest (2480MHz)	0.73	0±1	1.00	1.259	0.397	

Remark: The Max Conducted Peak Output Power data refer to report Report No.: EED32O80238302.



















PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No. EED32O80238301 for EUT external and internal photos.

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