

TEST REPORT

Product Name : Wireless Headphones

Brand Mark : SOUNDPEATS

Model No. : Air3 Pro

Extension model : Air3 HD/Air3 Deluxe/Air4/Air4 Pro/Air4 Deluxe/Air4 HD/Air4 SE/Air5/Air5 Pro

FCC ID : 2AFTU-DD025

Report Number : BLA-EMC-202203-A7803

Date of Sample Receipt : 2022/3/21

Date of Test : 2022/3/21 to 2022/4/8

Date of Issue : 2022/4/8

Test Standard 47 CFR Part 1.1307, Part 2.1093, KDB

447498

Test Result : Pass

Jose Thong

Prepared for:

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Review by:

Date:





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REPORT REVISE RECORD

Version No.	Date	Description	
00	2022/4/8	Original	



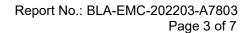




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1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
RF Exposure	47 CFR Part 1.1307, Part 2.1093, KDB 447498	CFR 47 Part 2.1093	CFR 47 Part 2.1093	Pass





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2 GENERAL INFORMATION

Applicant	Shenzhen Soundsoul Information Technology Co.,Ltd		
Address	Room 1308-1309, Building B,Huihai Square,Chuangye Road, Longhua District,Shenzhen,Guangdong,China		
Manufacturer	Shenzhen Soundsoul Information Technology Co.,Ltd		
Address	Room 1308-1309, Building B,Huihai Square,Chuangye Road, Longhua District,Shenzhen,Guangdong,China		
Factory	Shenzhen yanhui zhongchuang electronics co.LTD		
Address	Floor 3. Electronic Building, Jiuwei Xiange Technology and Culture Industrial Park.		
Product Name	Wireless Headphones		
Test Model No.	Air3 Pro		

3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	N/A
Software Version	N/A
Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK, π/4 DQPSK, 8DPSK
Channel Spacing:	1MHz
Number of Channels:	79
Antenna Type:	Chip Antenna
Antenna Gain:	0.8dBi(Provided by the applicant)



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4 LABORATORY LOCATION

All tests were performed at:

BlueAsia of Technical Services(Shenzhen) Co., Ltd.

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No tests were sub-contracted.





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5 RF EXPOSURE COMPLIANCE REQUIREMENT

5.1 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.

5.2 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)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ 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 \leq 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is \leq 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

5.3 EUT RF EXPOSURE

Operational Mode: EDR(8DPSK)						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power		Calculated	Exclusion
Grianner			(dBm)	(mW)	value	threshold
2402 MHz	-0.963	±1	0.037	1.01	0.31	3.0
2441 MHz	-0.467	±1	0.533	1.13	0.35	
2480 MHz	-0.625	±1	0.375	1.09	0.34	
Conclusion: the calculated value ≤3.0, SAR is exempted.						

----END OF REPORT----

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