



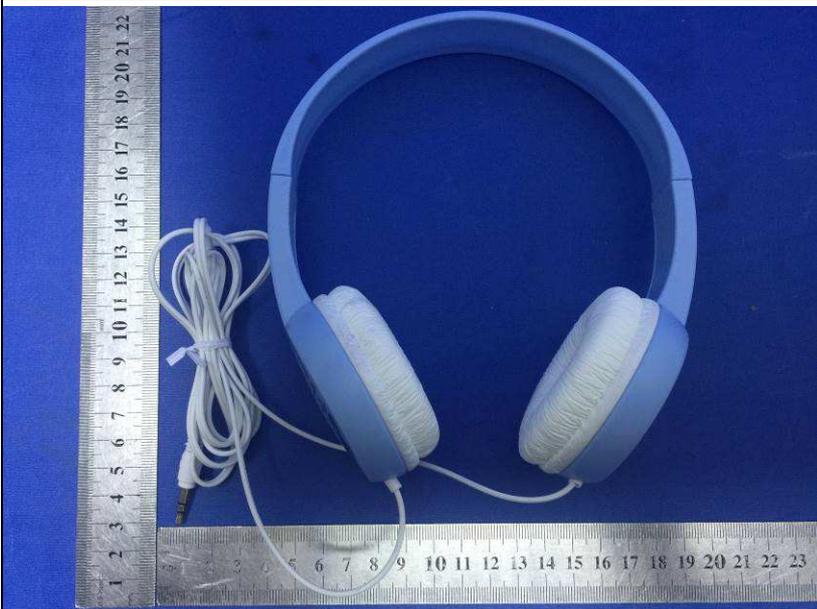
**BUREAU
VERITAS**

Test Report No: SP190719N045

TEST REPORT

To:	eKids, LLC. / KIDDESIGNS INC.
Address:	1299, Main Street, Rahway, NJ 07065, U.S.A.

Factory name:	Shenzhen Shike Kam Wah Electronic Co., Ltd.
Location:	No. 36 He Keng Industrial Zone, Langkou, Dalang, Baoan District, Shenzhen, China

	Sample No:	--	
	Start date:	July 19, 2019	
	Finish date:	July 26, 2019	
	Standards used:	EN 50332-1: 2013 EN 50332-2: 2013	
	Re-testing:	Null	
< LIGHT AND MUSIC SET (HEADPHONE) > < Model: FR-300, FR-300.11Mv9M >		Remark / Note:	Null

CONCLUSION: The samples satisfy to the clauses examined.

Prepared by Sean Tu Engineer / Safety Department	Approved by Storm Xiong Senior Engineer / Safety Department
	
Date: Aug. 05, 2019	Date: Aug. 05, 2019

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Bureau Veritas Shenzhen Co., Ltd.
Dongguan Branch

No. 34, Chenwulu Section, Guantai Rd.,
Houjie Town, Dongguan City, Guangdong
523942, China

Tel: +86 769 8593 5656
Fax: +86 769 8599 1080
Email: DGservice@cn.bureauveritas.com



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DESCRIPTION	
Equipment	LIGHT AND MUSIC SET (HEADPHONE)
Brand Name	--
Model Name	FR-300, FR-300.11Mv9M (FR-V124, XX-V124 [XX denotes as color and brand])
Rating	--

Possible test case verdicts:	
- test object does meet the requirement :	P (ass)
- test case does not apply to the test object:	N (.A.)
- test object does not meet the requirement:	F (ail)
- test object does not demand	N.D (emand)
General remarks:	
“(See remark #)” refers to a remark appended to the report. Throughout this report a point is used as the decimal separator. The test results presented in this report relate only to the object tested.	
General product information :	
1. The equipment is a wired headset” LIGHT AND MUSIC SET (HEADPHONE)”.	
2. The Equipment model FR-300, FR-300.11Mv9M (FR-V124, XX-V124 [XX denotes as color and brand]) are identical except the color of appearance for trading purpose.	



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TABLE OF RESULTS

CLAUSES	TITLE	REMARK	NOTE	PASS	FAIL	N.A
EN 50332-1: 2013						
4	Measuring principle			x		
4.1	General description			x		
4.2	Measuring principle			x		
5	Test signal			x		
5.1	General			x		
5.2	Test signal level for analogue recorders					x
5.3	Test signal level for FM radio					x
5.4	Test signal level for digital music players					x
6	Measuring arrangement and test protocol			x		
6.1	General			x		
6.2	Headphone fit			x		
6.3	Operating conditions			x		
6.4	Measurements and evaluation			x		
EN 50332-2: 2013						
4	Basic conditions for specifications and measurements			x		
5	Player characteristics and methods of measurement					x
5.1	Maximum output voltage Vm					x
5.2	Method of measurement and conditions					x
5.2.1	Input signal					x
5.2.2	Operating conditions					x
5.2.3	Method of measurement for analogue audio outputs					x
5.2.4	Method of measurement for digital audio output					x
6	Headphone/Earphone characteristics and methods of measurement			x		
6.1	Measuring equipment			x		

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CLAUSES	TITLE	REMARK	NOTE	PASS	FAIL	N.A
6.2	Simulated programme signal characteristic voltage			x		
6.3	Method of measurement arrangement and conditions			x		
6.3.1	Input signal			x		
6.3.2	Source impedance of analogue input devices			x		
6.3.3	Acoustical measurement method			x		
6.3.4	Headphones/earphones fit			x		
6.3.5	Measurement and evaluation			x		
Annex A	Example test procedure for acoustic safety of listening devices			x		
A.1	Acoustic coupling between listening device's receiver and the ear simulator or HATS(head and torso simulator)			x		
A.1.1	General			x		
A.1.2	Circum-aural, Supra-aural and supra-concha listening devices			x		
A.1.3	Intra-concha listening devices					x
A.1.4	Insert type listening devices					x
A.2	Measurement and analysis (general)			x		
A.3	Corded analogue listening device			x		
A.4	Corded digital listening device					x
A.5	Cordless digital listening device					x
A.6	Listening device with multiple operating modes					x
Note(s): N.A: Not applicable						



Limit value specified in EN 60065/A12 and EN 60950-1/A12 cl. Zx				
clause	Equipment type	Limit value	Remark	Verdict
Zx.2	Player with listening device	≤85dB		N
		≤100 dB actively inform is necessary		N
	player	≤ 27mV		N
		≤150mV actively inform is necessary		N
Zx.3	Warning	To prevent possible hearing damage, do not listen at high volume levels for long periods.  Figure 1 Warning label (IEC 60417-6044)	Mentioned in user manual.	P
Zx.4.1	Wired listening devices with analogue input	≥ 75mV	See Appendix I for details.	P
Zx.4.2	Wired listening devices with digital input	≤100 dB		N
Zx.4.3	Wireless listening devices	≤100 dB		N



APPENDIX I: TEST DATA

Test Result.

Channel	1 st	2 nd	3 rd	4 th	5 th	Mean	Verdict
Left Ear_[mV]	996.04	981.40	949.03	972.56	966.43	973.09	P
Right Ear_[mV]	958.43	953.88	985.29	964.35	977.21	967.83	P



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APPENDIX II: PHOTOS



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