

SPECIFICATION FOR APPROVAL

規 格 書

Customer (客戶 名稱): _____

Customer P/N(客戶番號): _____

Our P/N (本廠番號): FS5017NB0820-H9.0-R01

Approval Date(日期): 2022.1.5

Environment Request(環 境 標 准):

☐ Non-RoHS (非 RoHS 標準)

☒ RoHS (RoHS 標準)

☐ REACH (REACH 標準)

☐ Others (其他)

CUSTOMER'S APPROVED SIGNATURE



泰州福聲電子科技有限公司

Taizhou Fusheng Electronic Technology Co.,Ltd.

Adds: No168 of FengHuang Road West,Hailing District ,Taizhou .

地址: 江蘇省泰州市海陵區鳳凰西路168號

Tel: +86-523-86219066

Fax: +86-523- 81601108

[Http://www.tzfsdz.com](http://www.tzfsdz.com)

E-mail: sales@electronic-tech.cn

	DESINGER	CHECKED	APPROVED
SIGNATURE			
DATE			

Alteration History

變更歷史

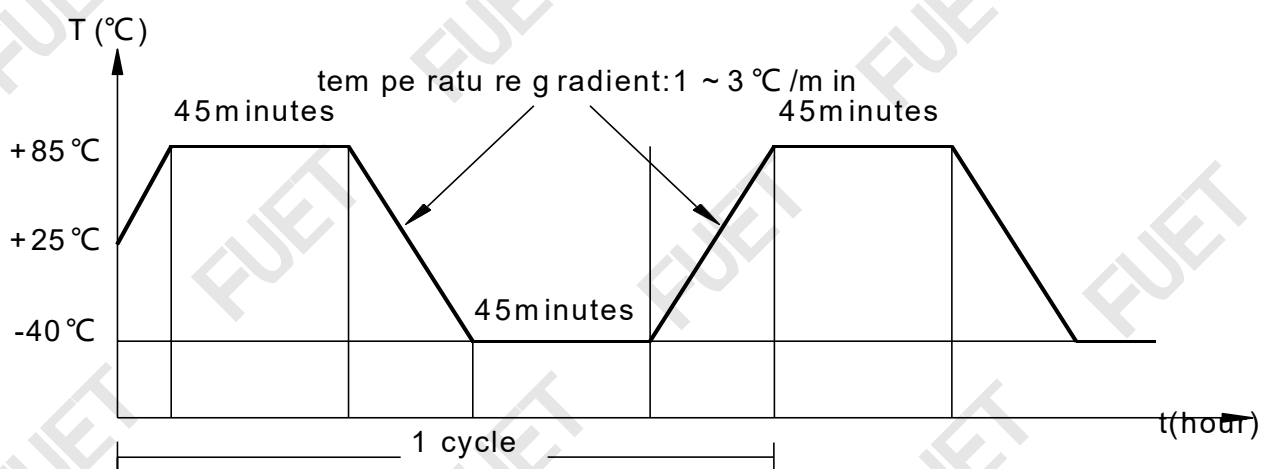
Note 序號	Date 日期	Detail changes 變 更 內 容	Reason 變更理由	Revision 變更表示

Speaker Specification

Part No.	Customer No 顧客型號		Customer code 顧客編號	
	Our Part No 本廠編號	FS5017NB0820-H9.0-R01		Revision 版本 A
No.	Item 項目	Specification 規格	Testing Condition 測試條件	
1.	Rated Imp 共稱阻抗	8ohm±15%	At 1kHz	
2.	Resonance Freq 最低共振周波數	Fb: 550Hz±20% Fo: 1500Hz±20%	Without Baffle	
3.	Output S.P.L. 出力音壓	90±3dB	At 0.1m 0.1w 0.8~5.0KHz Average	
4.	Rated Power 定格入力	at 2.0W	at 4.0 Vrms	
5.	Max Power 最大入力	at 3.0W	at 4.9Vrms	
6.	Frequency Range 實效頻寬	FO----20kHz		
7.	Operation 可靠性試驗	Must Be Normal at Rated Frequency Range	Program Source 2.0 W FO~10kHz	
8.	Buzzes & Rattles 異常音試驗	Should not be audible buzz and rattle at Rated Frequency Range 無異常聲	Sine Wave Between (正弦波入力) at 4.0Vrms / FO----- 10kHz	
9.	T H D 失真	10% Max	Rated Power Input 1000Hz	
10.	Magnet 磁鐵	NdFeB		
11.	Operating Temperature 動作溫度	-20℃ to +65℃		
12.	Storage Temperature 儲存溫度	-40℃ to +85℃		
13.	Weight 重量	g/PC		

14.	Cold Test 耐寒試驗	Must be normal after having been in a test chamber for 96 hours at the condition of $-40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and then left 2 hours in a room. ($-40^{\circ}\text{C} \pm 2^{\circ}\text{C}$, 96 小時試驗室溫兩小時後, 無異常)
15.	Heat Test 耐熱試驗	Must be normal after having been in a test chamber for 96 hours at the condition of $+85^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 90~95% R.H and then left 2 hours in a room. ($+85^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 90~95% R.H 96 小時試驗常溫 2 小時後, 無異常的不良)
16.	Load Test 連續負荷試驗	Must be normal after load test :white noise 2.0W 96 hours. At rated frequency range (白噪音 2.0 W 連續 96 小時試驗後無異常的不良)
17	Short Term Maximum Power test 瞬間最大功率測試	Test for 1 hour under maximum power. Input shall be white noise in rated frequency response. And the signal will be 1 second on, 59 seconds off, total 60 cycles at rated frequency range, Must be normal after the test (白噪音 3.0W, 1 秒開 59 秒關, 連續 60 迴圈, 試驗後無異常之不良)
18.	Drop Test 跌落試驗	Drop the speakers contained in normal box onto a board 5mm thick 2 times from a height of 1.0m . Must be normal after the test (在厚 5mm 的木板上從 1.0m 的高度跌落 2 次, 無異常不良)
19.	Waterproof Test 防水测试	Use 15KPa air pressure test for 5 seconds, and the leakage of less than 6Pa is the waterproof grade IPX7 用 15KPa 气压测试 5 秒, 不超过 6Pa 泄露即为防水等级 IPX7

Temperature Cycle Test(5 cycle)

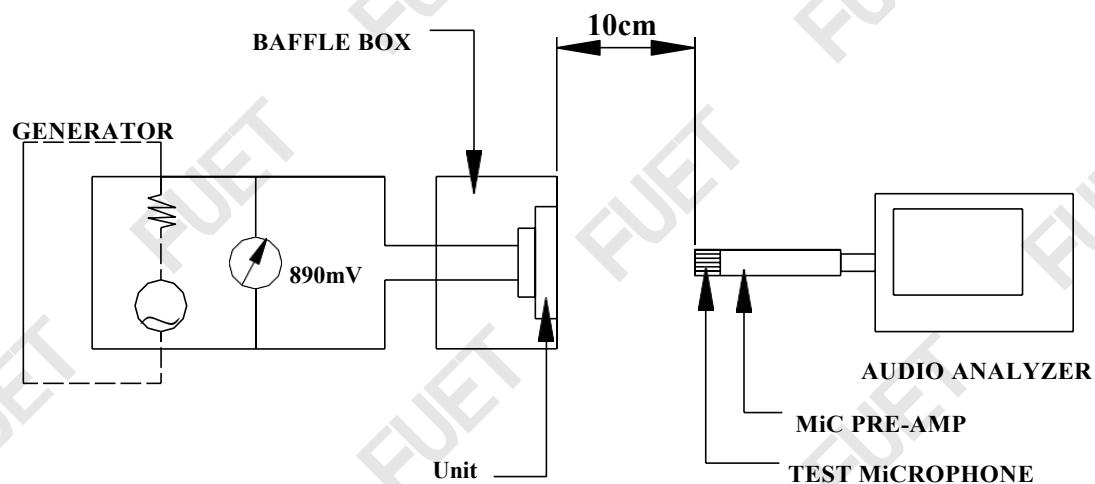
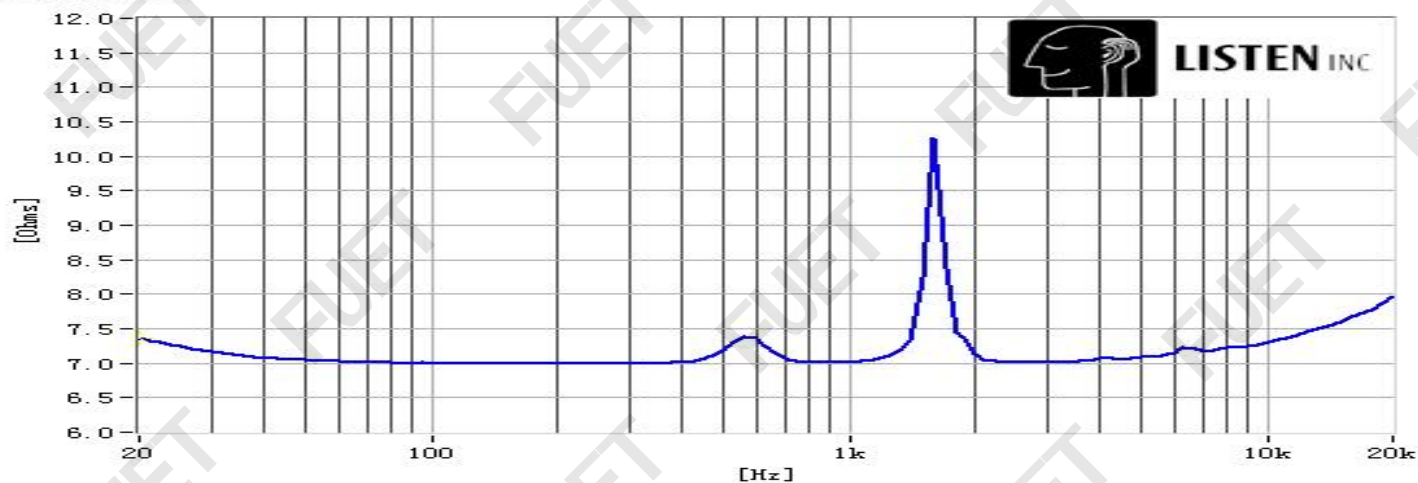


Frequency Response

频响曲线



阻抗曲线



Product Outside View

