

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): FS3411P08-H4.0

Approval Date(日期): 2022.1.13

Environment Request(環境標準):

☐ Non-RoHS (非 RoHS 標準)

☒ RoHS (RoHS 標準)

☐ REACH (REACH 標準)

☐ Others (其他)

CUSTOMER'S APPROVED SIGNATURE		



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	DESINGER	CHECKED	APPROVED
SIGNATURE			
DATE			

Alteration History

變更歷史

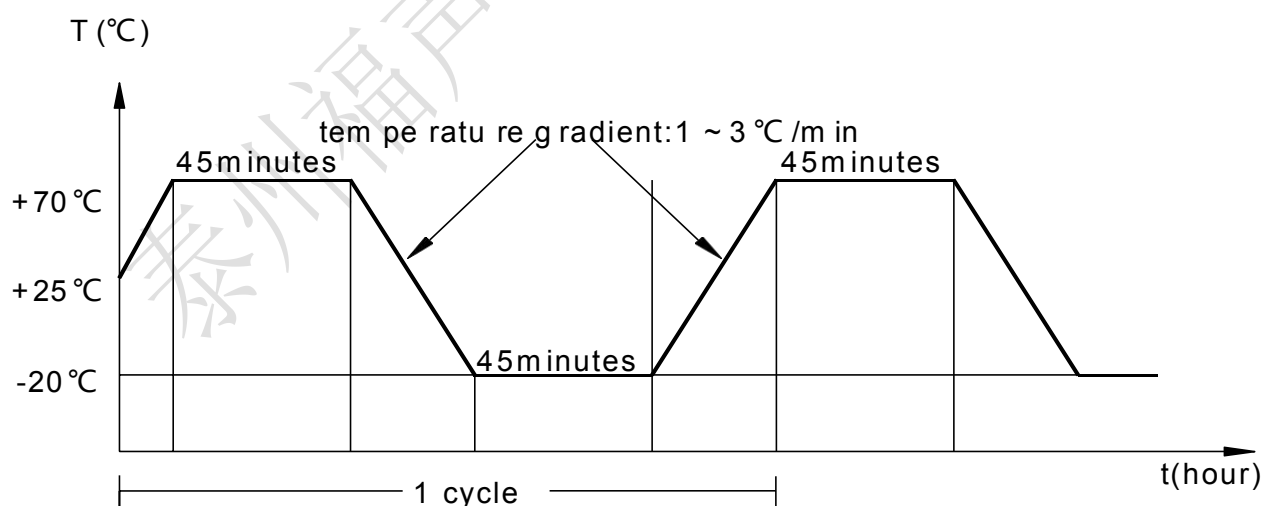
Note 序號	Date 日期	Detail changes 變 更 內 容	Reason 變更理由	Revision 變更表示

Speaker Specification

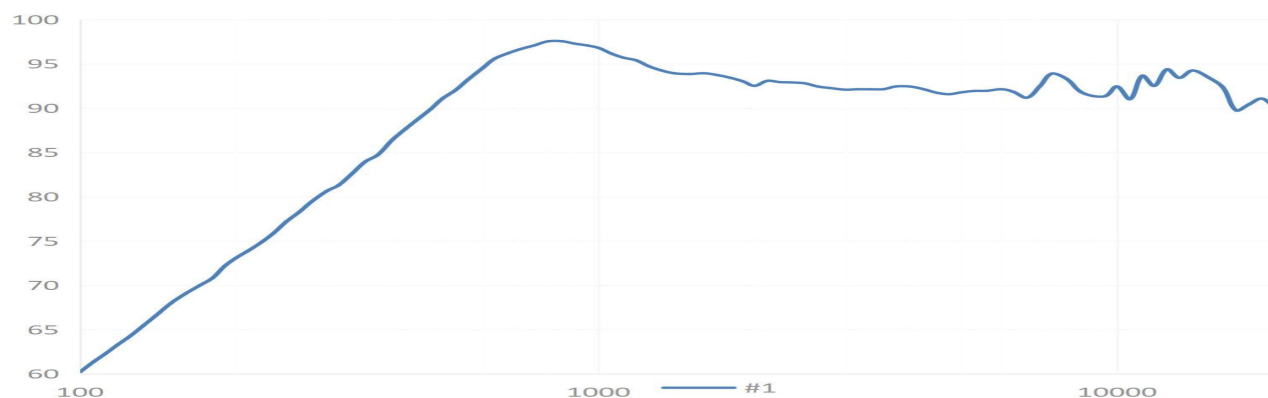
Part No.	Customer No 顧客型號		Customer code 顧客編號	
	Our Part No 本廠編號	FS3411P08-H4.0	Revision 版本	A
No.	Item 項目	Specification 規格	Testing Condition 測試條件	
1.	Rated Imp 共稱阻抗	8ohm±15%	At 1kHz	
2.	Resonance Freq 最低共振周波數	700Hz±20%	Without Baffle	
3.	Output S.P.L. 出力音壓	92.5±3dB	(at 0.1m/1.0W At 2KHz avg) in 5cc box	
4.	Rated Power 定格入力	at 1.0W	at 2.83Vrms	
5.	Max Power 最大入力	at 1.2W	at 3.1Vrms	
6.	Frequency Range 實效頻寬	FO----20kHz		
7.	Operation 可靠性試驗	Must Be Normal at Rated Frequency Range	Program Source1.0 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 2.83Vrms / 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 +60℃		
12.	Storage Temperature 儲存溫度	-30℃ to +70℃		
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. ($-30^{\circ}\text{C} \pm 2^{\circ}\text{C}$, 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. ($+70^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 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 0.8W 96 hours. At rated frequency range (白噪音 1 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 1.2W, 1 秒開 59 秒關, 連續 60 迴圈, 試驗後無異常之不良)
18.	Polarity 極性	When a DC source's "+" polarity is attached to speaker's "+" polarity, "-" polarity is attached speaker's "-" polarity, the membrane will move forward. Red wire is "+" and the black wire is "-". (接線板右側為正極, 左側為負極)
19.	Drop Test 跌落試驗	Drop the speakers contained in normal box onto a board 5mm thick 6 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 6 次, 無異常不良)
20.	High temperature test 高溫測試	In 300° high temperature circulation within 3 minutes, can maintain product performance 在 300° 高溫流轉 3 分鐘內, 可保持產品性能

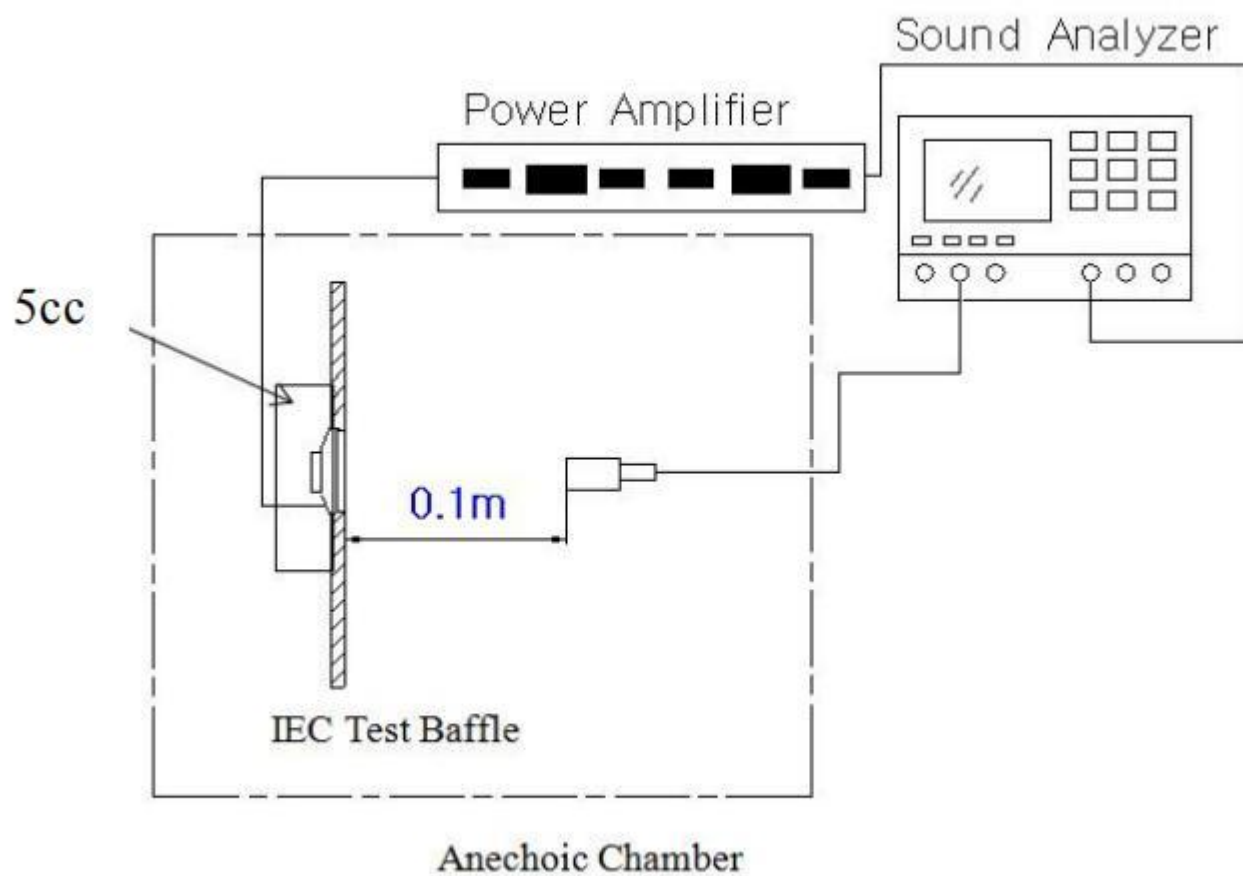
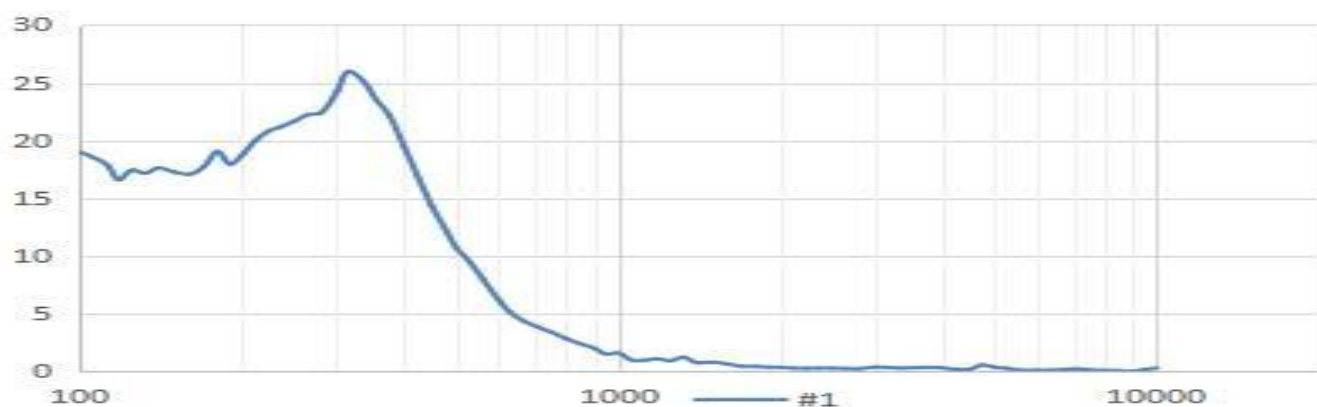
Temperature Cycle Test(5 cycle)



FR/1W/10cm/5CC



THD/1W/10cm/5CC



Product Outside View

