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1.	**MODEL:**	**2014VS08-2 DYNAMIC SPEAKER**
2.	Dimension	Outer Diameter **20*14** mm.
		Height **Refer to Fig 1** mm. Weight **2.5** Grams.
3.	Magnet	Materials **NdFeB** Size: ϕ 12.8 × ϕ 6.2 × **t 1. 0** mm.
4.	Impedance	**8 Ω ± 15** % At **1000** Hz.
5.	Power Rating	Normal **0.3** W. Maximum **0.5** W.
6	Lowest Resonant Frequency	**700 ± 20% Hz** at 1.0V measured by SUNLILAB® 7117C
7.	Output Sound Pressure	**80 ± 3** db / 0.3Watt · 0.5Meter, Measured by B&K Type 2012
	(S.P.L.)	At 800, 1000, 1200, 1500 HZ Average
8.	Frequency Range	**500 ~ 20,000+** Hz. Average SPL -10db Refer to Fig. 2
9.	Distortion	**5**% Maximum at 1000 Hz **0.3** W.
10.	Abnormal Sound Test	Must be Normal Tested By **2.2** Volts. Sine Wave.
11.	Load Test	White Noise **2.2** Volts(RMS). **24** hrs.
12	Storage Temperature	**- 40ºC ~ + 60ºC**
13.	Operating Temperature	**- 40ºC ~ + 50ºC**

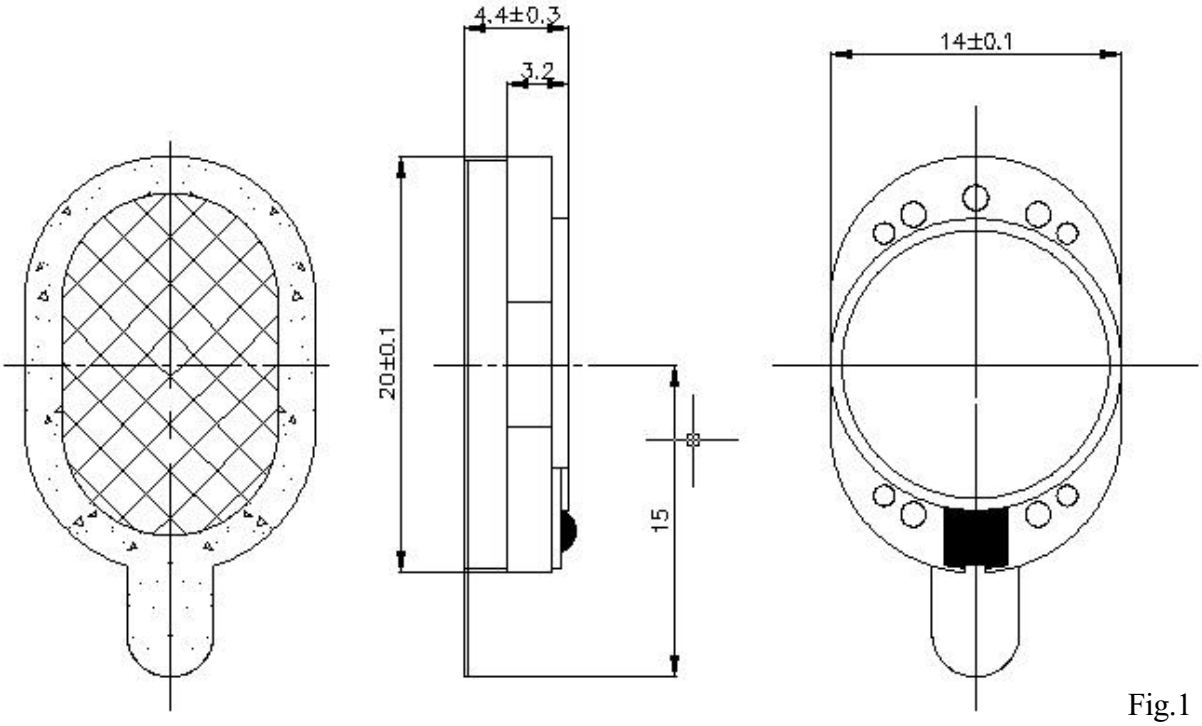
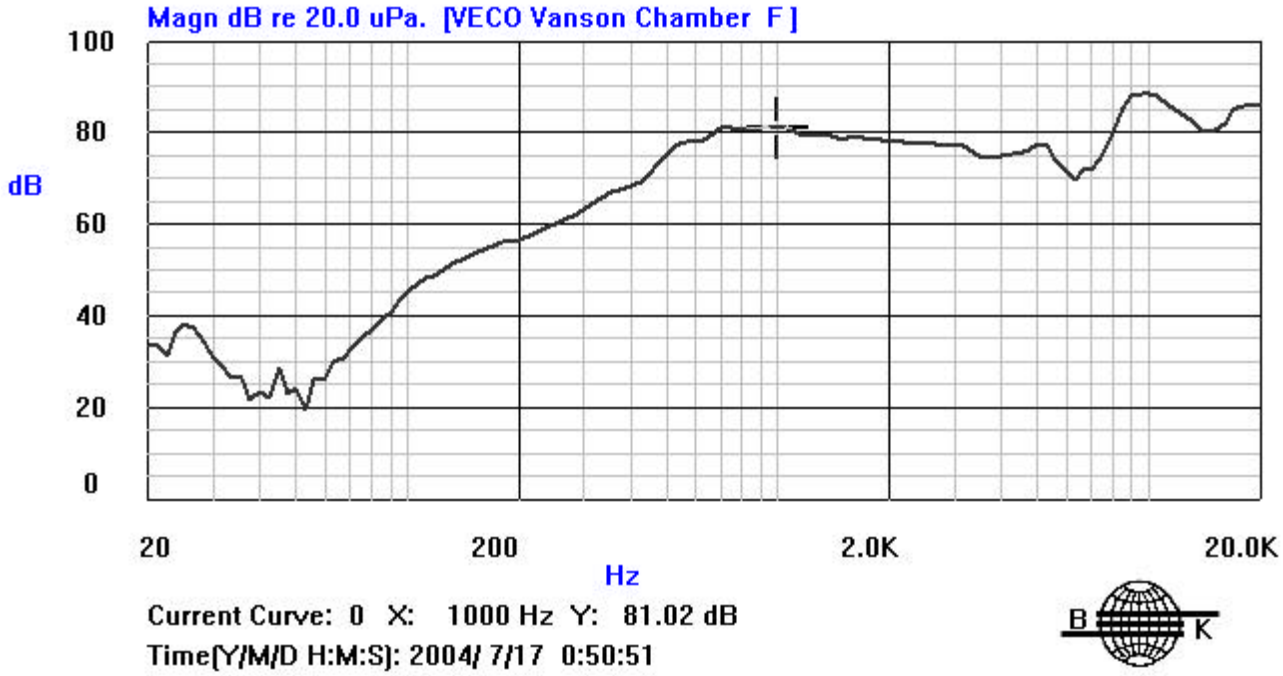


Fig.1

14.Frequency Response Curve.

14.1 Speaker

Sound Pressure Level(SPL) :80± 3dB 0.3W/0.5M at (800,1000,1.2k,1.5k) AV



INPUT: 0.3W
MIC DIST: 0.5M
BAFFLE: IEC6028-5

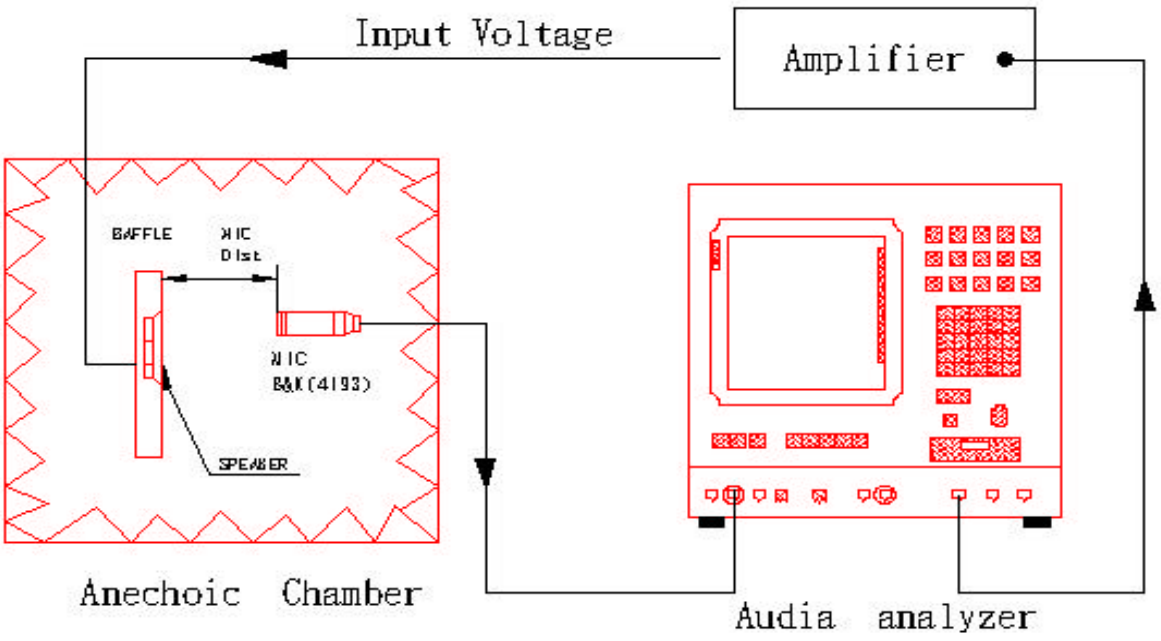


Fig.2

15.Environment Test

15.1 Environment test – High temperature.

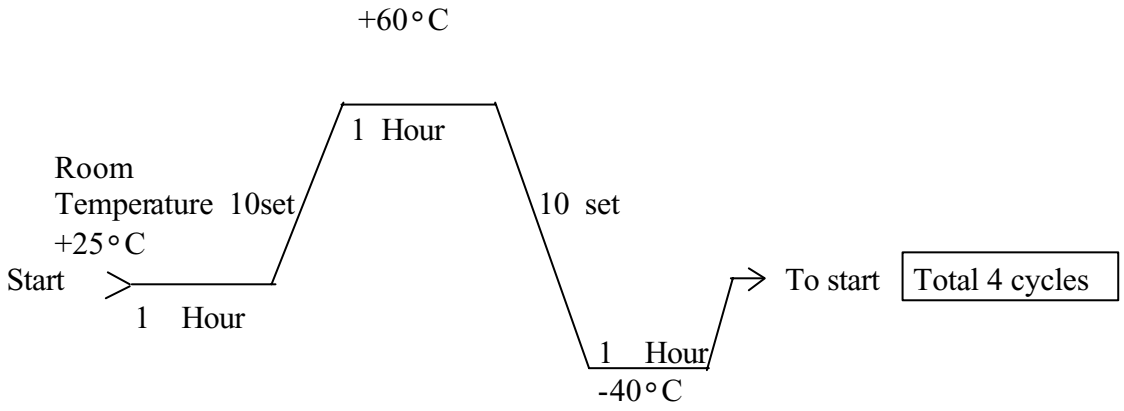
After exposure the speaker in the + 60± 3 °C chamber for 24 hours, then leave the speaker at room temperature for 1 hour, the SPL should not deviate by ± 3 db, compare with pre-test measurement.

15.2 Environment test - Low temperature.

After exposure the speaker in the – 40 ± 3 °C chamber for 24 hours, then leave the speaker at room temperature for 1 hour, the SPL should not deviate by ± 3 db, compare with pre-test measurement.

15.3 Environment test-Temperature cycle.

After exposure the speaker in the chamber, temperature cycle setting as below shows, SPL should not Deviate by ± 4db,compare with pre-test measurement.



15.4 Environment test – Humidity.

After exposure the speaker in the + 40 ±3 ℃, relative humidity 90% ~95% chamber for 24 hours, then leave the speaker at room temperature for 6 hours, the SPL should not deviate by ±3db, compare with pre-test measurement.