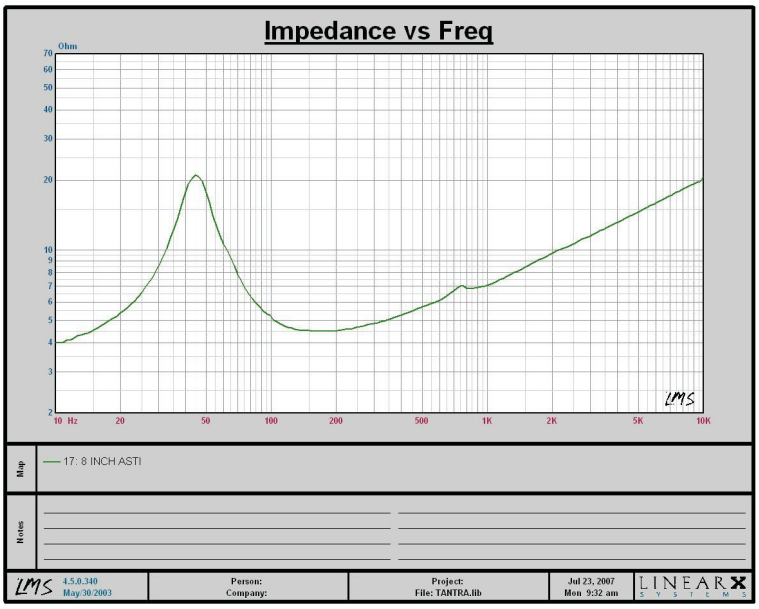
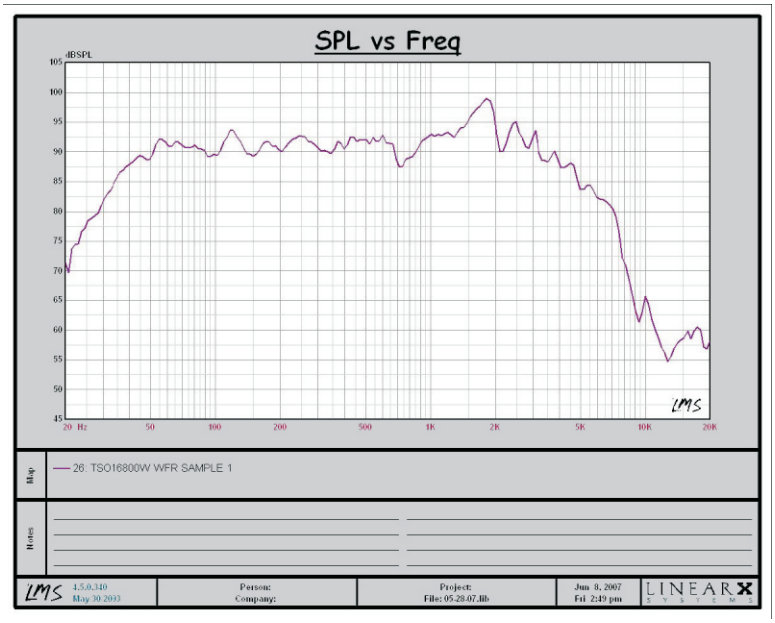
W8S-52





Size	8 Inch
Imp	8 Ohm
Prms	70W
Pmax	140W
Fs	43Hz
Re	7.6 Ohm
SPL	87.5dB
Qms	2.551
Qes	0.673
Vas	31.01L

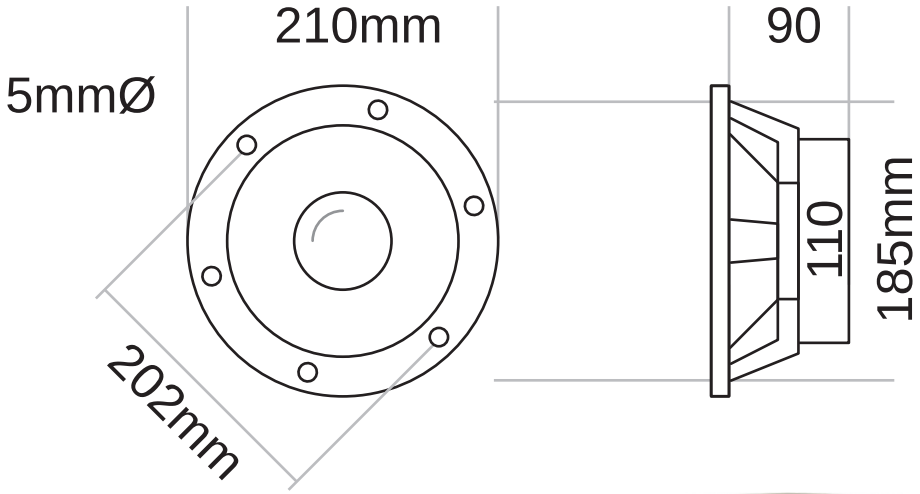


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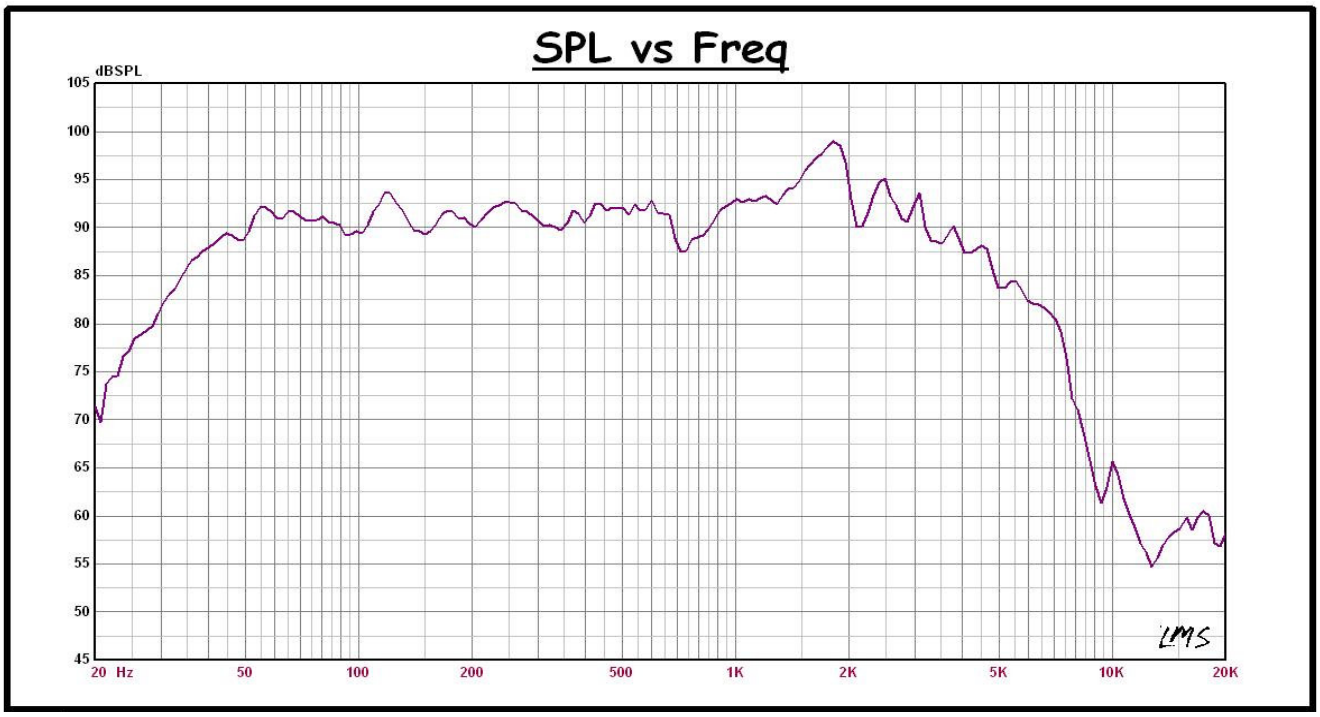
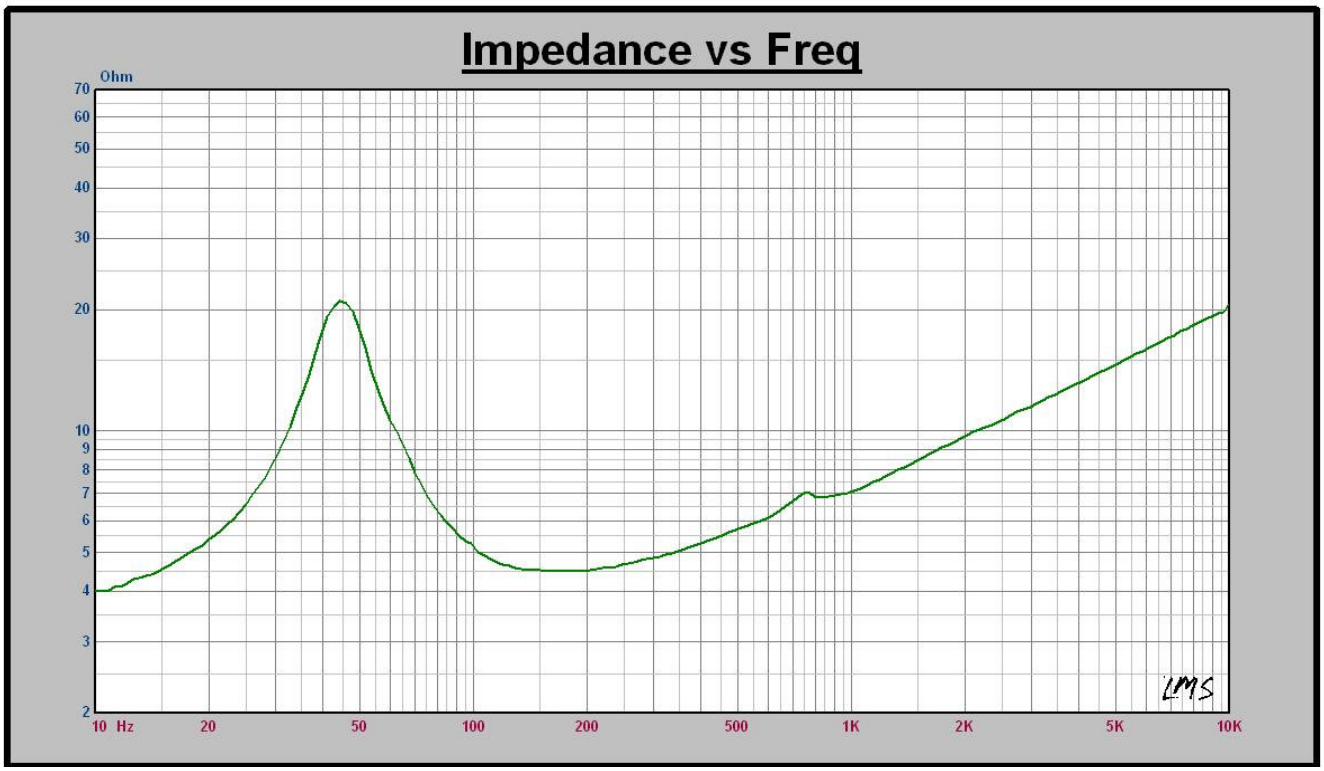
FIG. 1: FREQUENCY VS.SPL





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Dai-Ichi Group of Companies

Corporate Engineering Department

PRODUCT SPECIFICATION AND APPROVAL SHEET

MODEL NAME : **W8S-50**	CUSTOMER : **WESCOM**
SERIAL NO :	MANUFACTURER : **ADVANCED SOUND TECHNOLOGY INC.**
PARAMETERS	**SPECIFICATIONS**
1.SPEAKER TYPE AND SIZE	8" WOOFER
2.MINIMAL IMPEDANCE	4 OHMS +/- 15%
3.RESONANACE FREQUENCY, Fb (LMS)	40 Hz +/- 20%
4.SENSITIVITY	90dB +/-3dB/1W @ 1M on 100, 200, 500 AVE.
5.EFFECTIVE FREQUENCY BAND	40Hz to 20KHz
6.INPUT POWER	Nominal : 70 Watts Maximum : 140 Watts
7.MAGNET SIZE(MAIN)	MAGNET FERRITE 110 X 60 X 17mm
8.MAGNET SIZE(CANCEL)	N/A
9.FLUX DENSITY	N/A
10.BUZZ,RATTLE TEST	12V, 36 W Sine Wave from 20Hz-20KHz
11.OPERATION TEST*	12 V 36 W Program Source
12.AGEING TEST*	12 V up to 8 hours using EIA RS426A
13.HEAT TEST*	70 +/-2 deg C, 20 to 50% Humidity for 24 Hours
14.HUMIDITY TEST*	40 +/-2 deg C, 90 to 95% Humidity for 24 Hours
15.TEMPERATURE CYCLING TEST*	(-)20 degC to 70 deg C, 2 Hrs/cycle(C) for 5 cycles
16.FREQUENCY RESPONSE GRAPH	See Attached Graph
17. IMPEDANCE	N/A
18. TSL PARAMETERS	N/A

Number of Speakers Tested 2 piece/s

ITEM / PARAMETERS	ACTUAL TEST RESULT											
	O1	O2	O3	O4	O5	O6	O7	O8	O9	10	11	12
MINIMAL IMPEDANCE, Zmin,Ohms	3.9	3.9										
RESONANCE FREQUENCY 40Hz +/- 20Hz	42	40										
SENSITIVITY SPL 90 dB 1W @ 1M	91	90										

* Test is passed if system meets specifications 3,4,10 after 2 hours in normal room conditions.

CUSTOMER'S APPROVAL

APPROVED BY:

DATE:

PLEASE AFFIX YOUR SIGNATURE AND SEND BACK TO FAX#: 632-645-6633/632-681-5320

Prepared by :		Approved by :
Mr. Edward Viña		**Mr. Neil Lim** CED - Manager