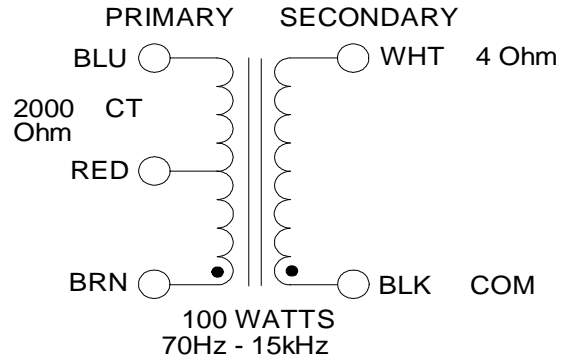


1750W

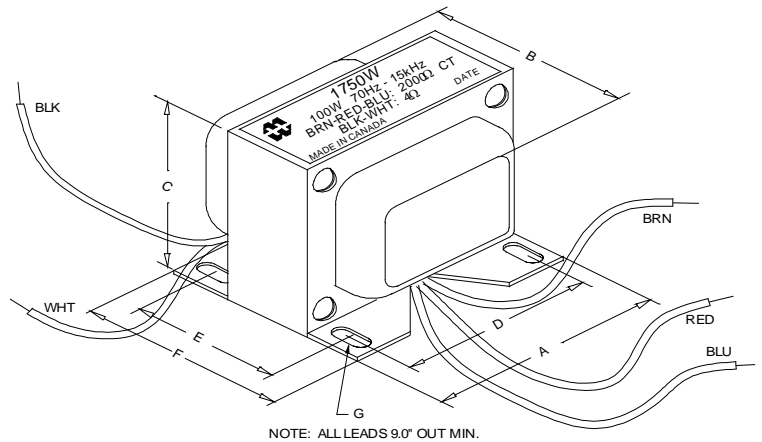
TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units.
- Constructed to look similar to original factory units (where possible).
- Material used & design specifications were kept as close as possible to the original part to preserve the stock "tone".
- Open style with minimum 9" long primary and secondary leads
- Frequency response 70Hz - 15KHz (0/-1.0dB reference @ 1KHz)
- Distortion is less than 1% @ 70Hz



ELECTRICAL SPECIFICATIONS

Characteristics		Typical
Input Impedance		2000 Ohms
Output Impedance		4 Ohms
Output Power		100W
DCR		
Primary Brown-Blue		22.8 Ohms
Secondary Black-White		0.410 Ohm
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC
Primary Brown-Blue	2.50H	15.45 Kohm
Leakage Inductance		
Primary Brown-Blue		@ 1.0 kHz, 1.0 V SC 1.31mH
Dielectric Strength		2000VRMS
Temperature Range		-40 to 105 degC



Dimensions		
A	4.063" ±0.063	D 3.500" ±0.063
B	3.450" ±0.125	E 2.500" ±0.063
C	3.500" ±0.063	F 2.800" ±0.063
		G 0.187" X 0.300" ±0.015

TEST CONDITIONS

Measurement instruments:

D scope series iii audio analyzer
Wayne Kerr 3255B with a 3265B

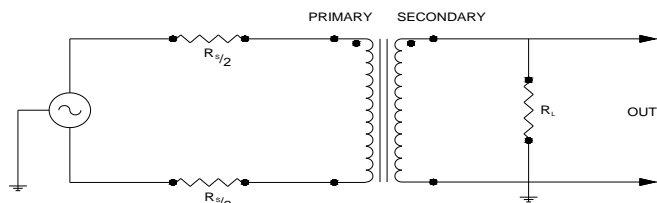
Keithley 2010 DVM

Hp4192a impedance analyzer

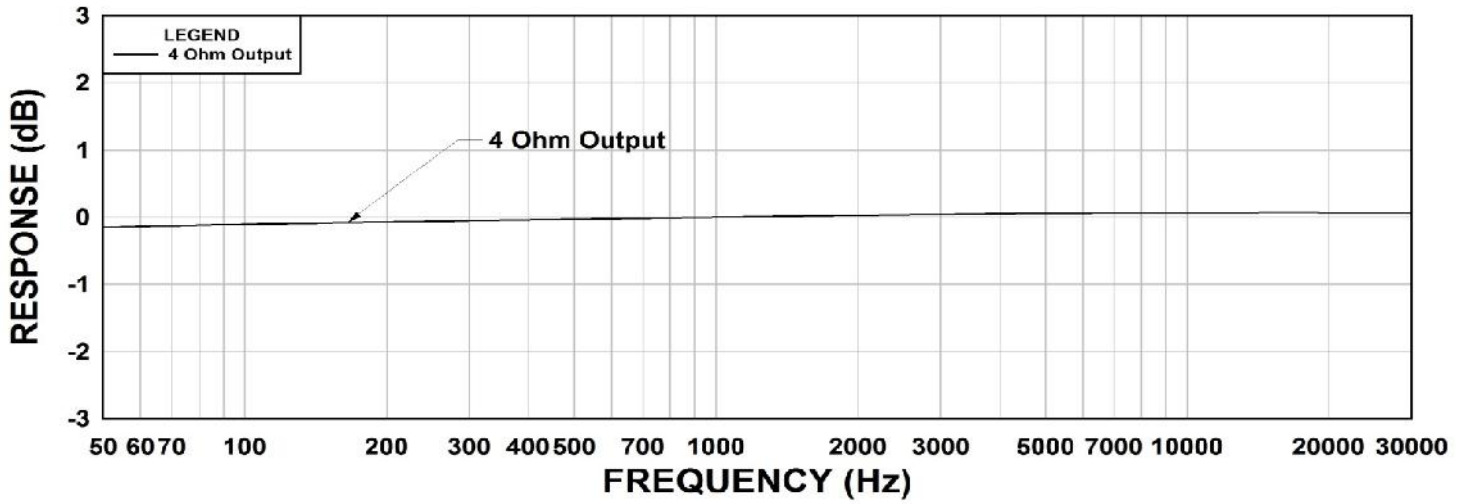
* All graphs input level 27dBu @1.0KHz reference.

**The results are typical and are subject to normal manufacturing and electrical tolerances.

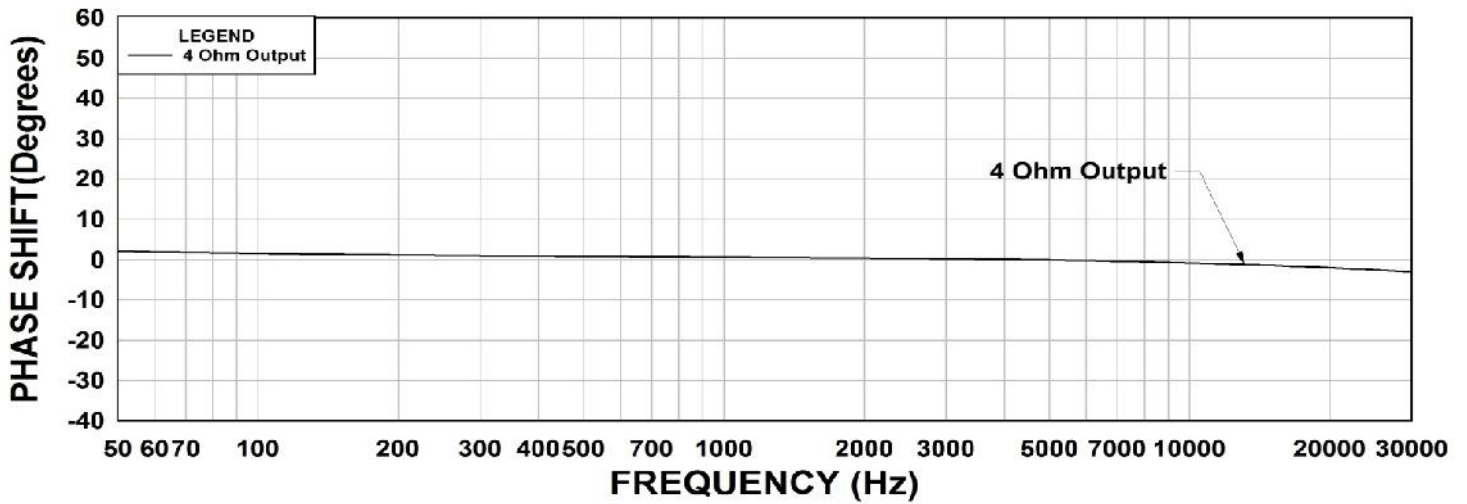
TYPICAL TEST CIRCUIT



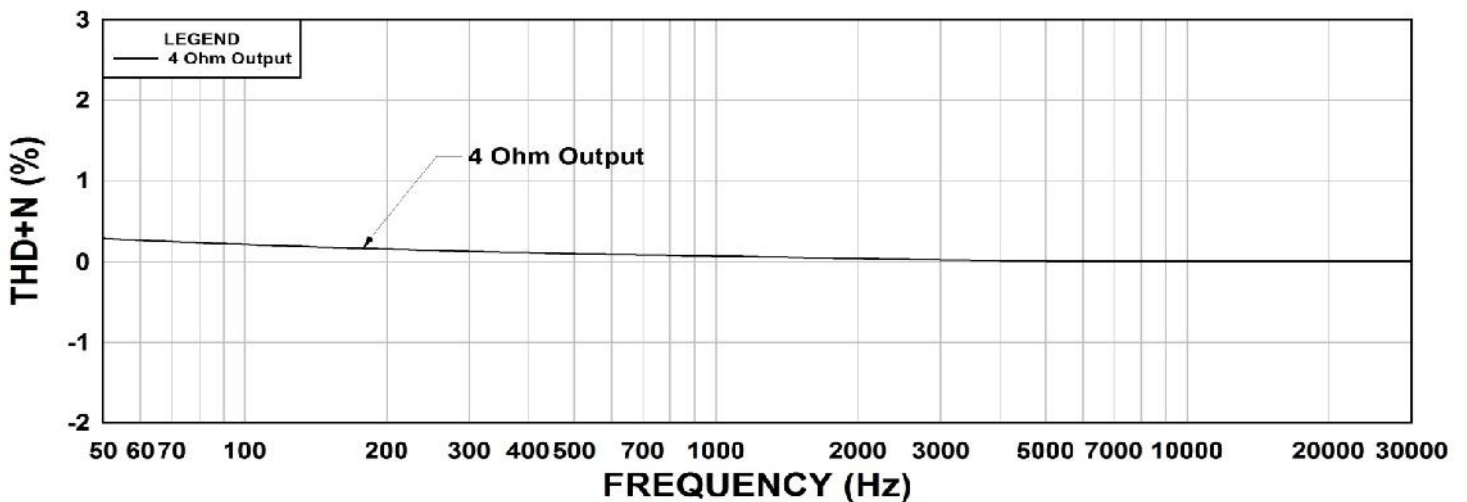
1750W Frequency Response RS = 2K Ohms



1750W Phase Shift RS = 2K Ohms



1750W THD+N RS = 2K Ohms



This drawing and the information in it is the property of Hammond Manufacturing. It may not be reproduced, transmitted or used in any manner whatsoever without the written permission of Hammond Manufacturing. Data subject to change without notice.