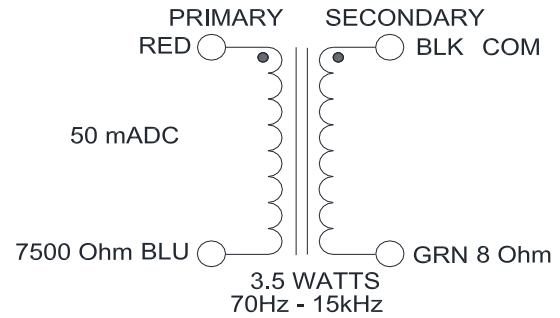


# 1750AX

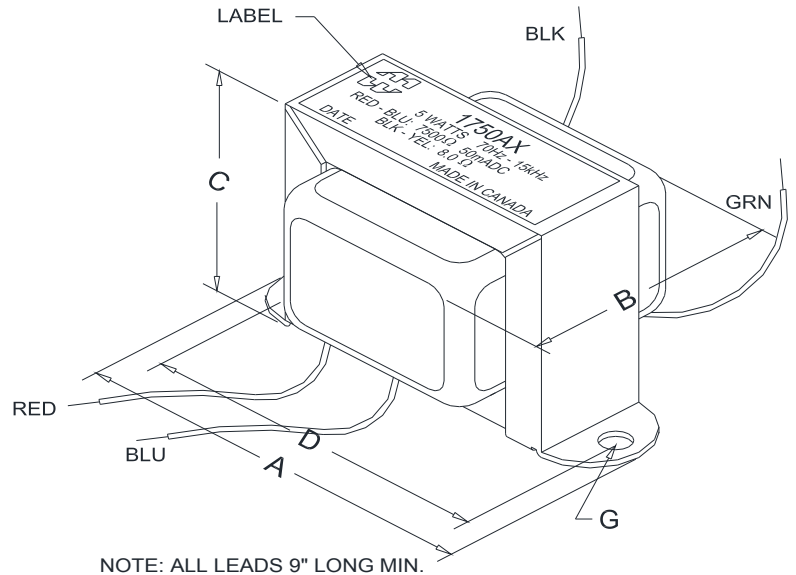
## TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- 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/-3dB reference @ 1KHz)
- Distortion is less than 1.5% @ 70Hz



### ELECTRICAL SPECIFICATIONS

Characteristics		Typical	
Input Impedance		7500 Ohms	
Output Impedance		8 Ohms	
Output Power		3.5W	
<b>DCR</b>			
Primary Blue-Red		345 Ohms	
Secondary Black-Green		0.699 Ohm	
<b>Inductance</b>   <b>Impedance</b> @ 1.0 kHz, 1.0 V OC			
Primary Blue-Red		6.0H	37.4KOhm
Secondary Black-Green		11.72mH	69.16 Ohm
<b>Leakage Inductance</b> @ 1.0 kHz, 1.0 V SC			
Blue-Red		423mH	
Dielectric Strength		1500VRMS	
Temperature Range		-40 to 105 degC	



Dimensions	
A	2.380" ±0.063
B	1.650" ±0.125
C	1.400" ±0.063
D	2.000" ±0.063
G	0.187" ±0.015

### TEST CONDITIONS

Measurement instruments:

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

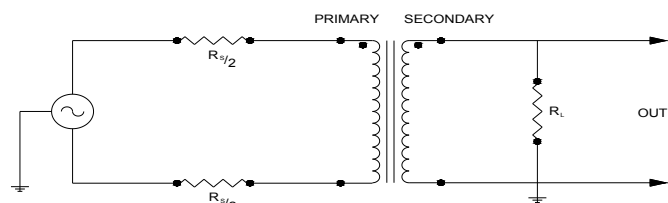
Keithley 2010 DVM

Hp4192a impedance analyzer

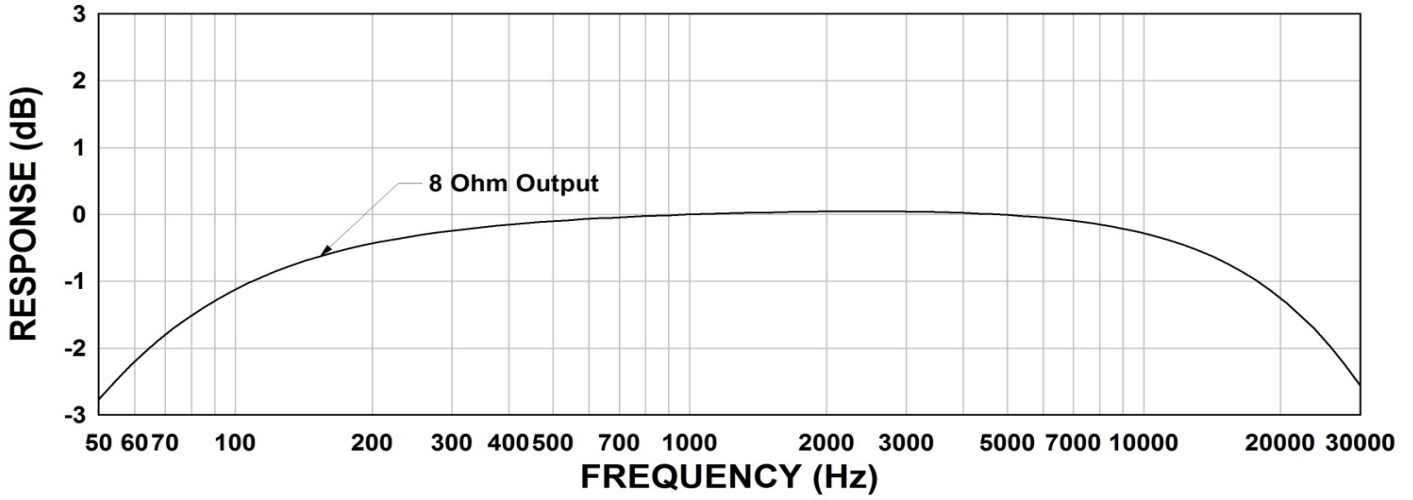
\* All graphs input level 27dBu @1.0KHz reference.

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

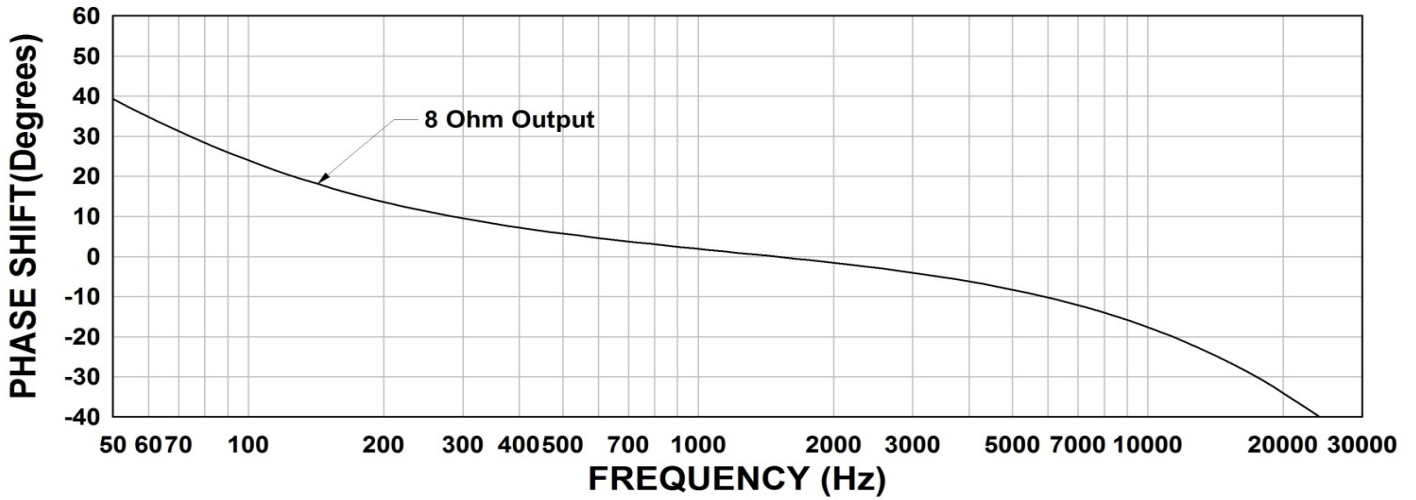
### TYPICAL TEST CIRCUIT



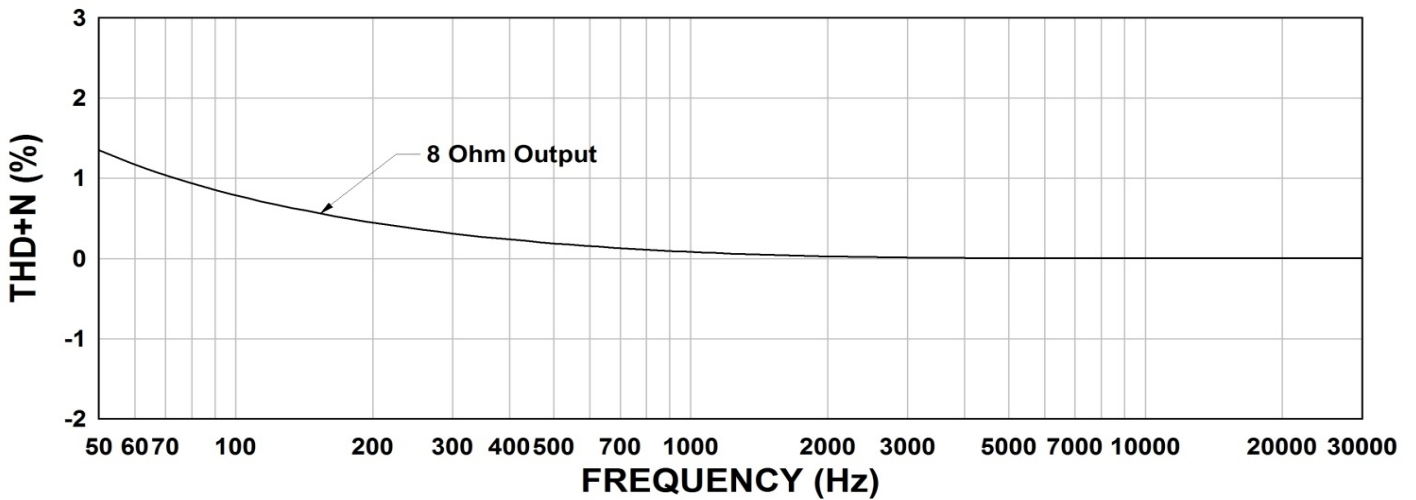
### 1750AX Frequency Response $R_S = 7.5K$ $R_L = 8$ Ohms



### 1750AX Phase Shift $R_S = 7.5K$ $R_L = 8$ Ohms



### 1750AX THD+N $R_S = 7.5K$ $R_L = 8$ Ohms



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