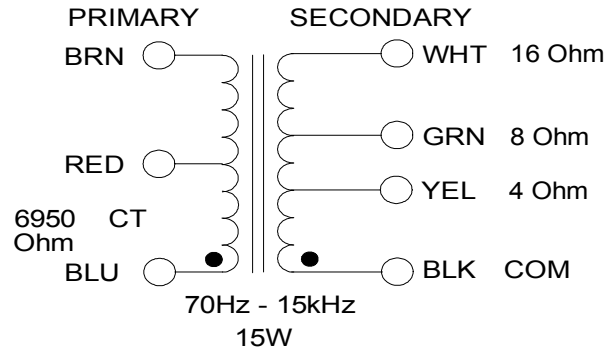


## 1760F

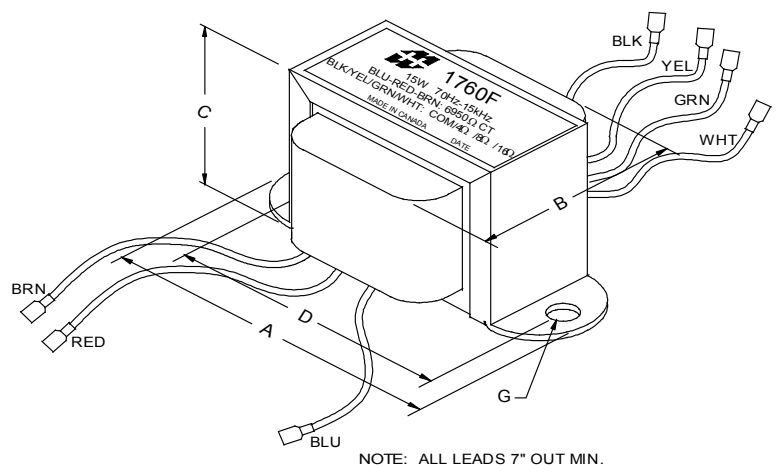
### TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- 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 7" long primary and secondary leads
- Frequency response 70Hz - 15KHz (0/-2.5dB reference @ 1KHz)
- Distortion is less than 3% @ 70Hz



### ELECTRICAL SPECIFICATIONS

Characteristics		Typical	
Input Impedance		6950 Ohms	
Output Impedance		4, 8 & 16 Ohms	
Output Power		15W	
DCR			
Primary Brown-Blue		147.90 Ohms	
Secondary Black-Yellow		0.171 Ohm	
Secondary Black-Green		0.245 Ohm	
Secondary Black-White		0.476 Ohm	
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC	
Primary Brown-Blue		2.56H	15.89 KOhm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Primary Brown-Blue		3.68 mH	
Dielectric Strength		1500VRMS	
Temperature Range		-40 to 105 degC	



### Dimensions

A	3.250" ±0.063	D	2.813" ±0.063
B	2.063" ±0.125	G	0.187" ±0.015
C	1.995" ±0.063		

### TEST CONDITIONS

Measurement instruments:

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

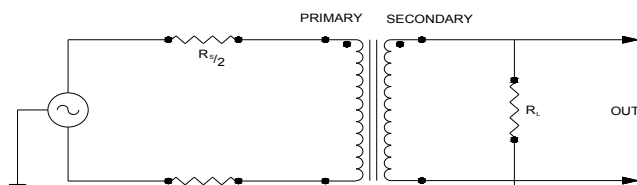
Keithley 2010 DVM

Hp4192a impedance analyzer

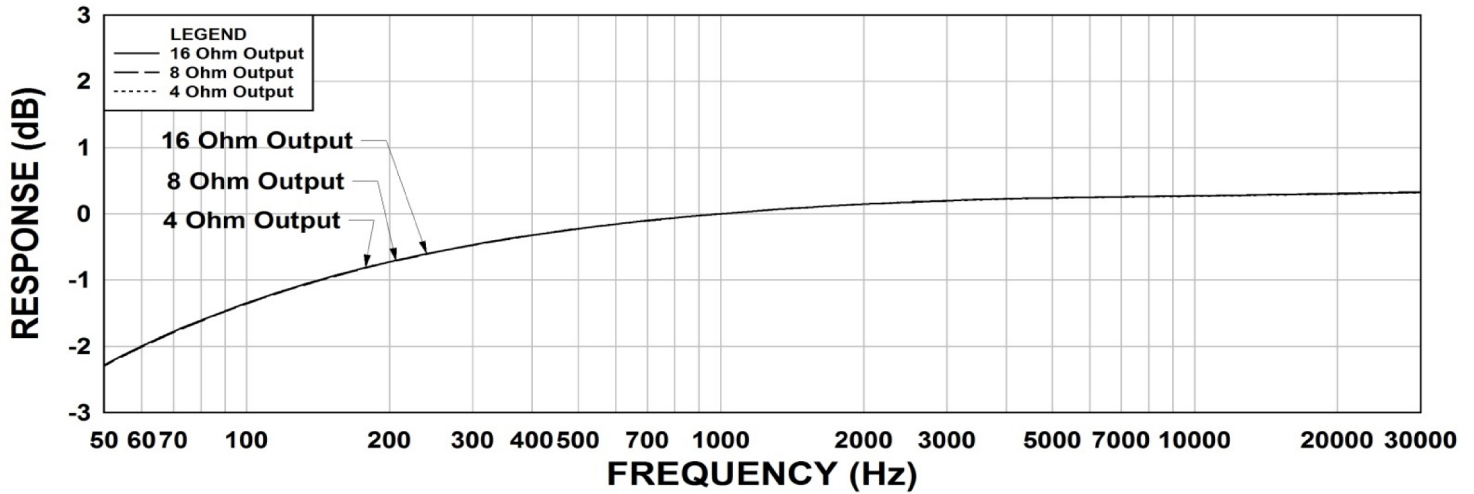
\* All graphs input level 27dBu @1.0KHz reference.

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

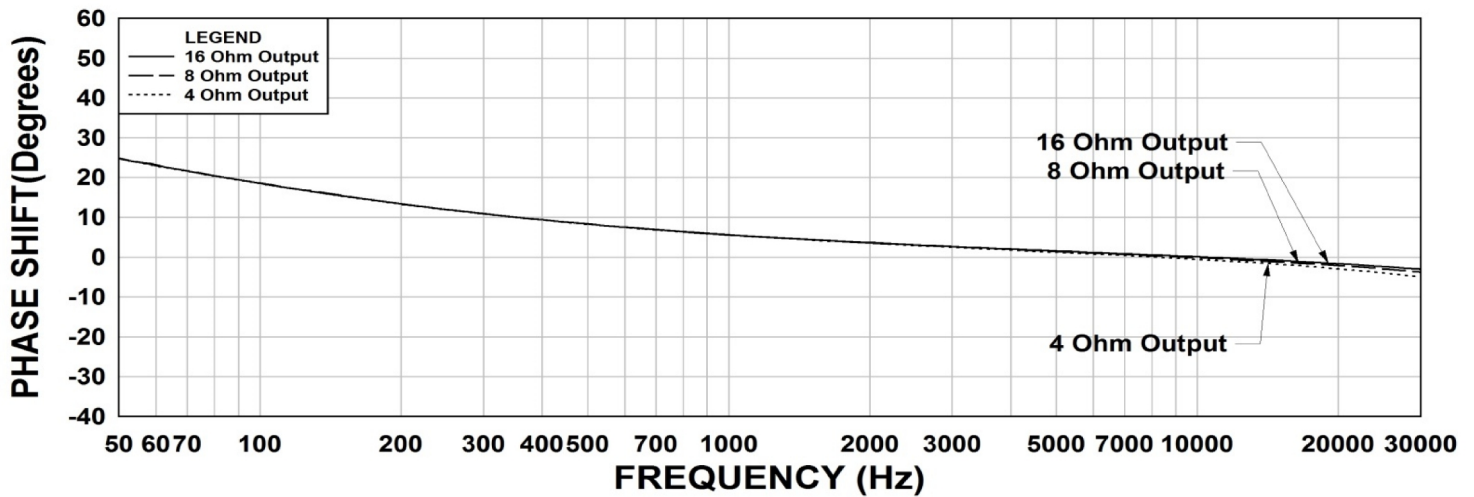
### TYPICAL TEST CIRCUIT



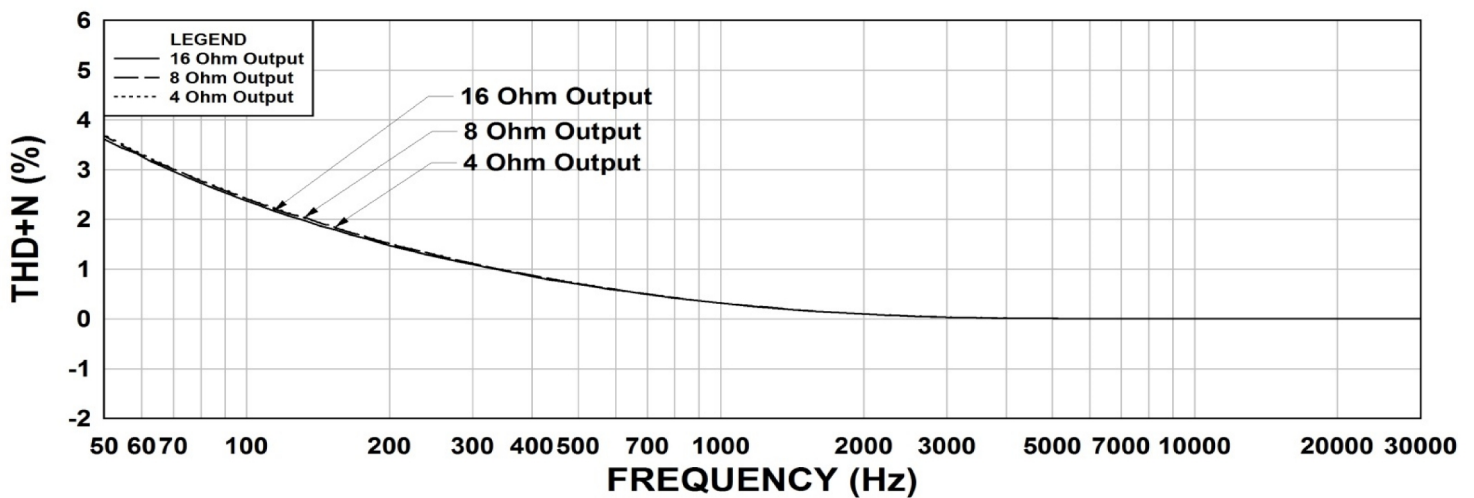
## 1760F Frequency Response RS = 6950 Ohms



## 1760F Phase Shift RS = 6950 Ohms



## 1760F THD+N RS = 6950 Ohms



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