

# 1750WR

## TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units.
- Includes 20% linear taps for maximum versatility
- 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 10" long primary and secondary leads
- Frequency response 40Hz - 15KHz (0/-1.0dB reference @ 1KHz)
- Distortion is less than 1% @ 40Hz
- Typical application Fender 013691 for Bassman 135, Twin Reverb, Vibrosonic Reverb

## ELECTRICAL SPECIFICATIONS

Characteristics		Typical	
Input Impedance		2000 Ohms	
Output Impedance		4 & 8 Ohms	
Output Power		135 W	
DCR			
Primary Brown-Red		65.70 Ohms	
Primary Red-Blue		66.30 Ohms	
Secondary Black-Grn/Yel		0.156 Ohm	
Secondary Black-Green		0.220 Ohm	
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC	
Primary Brown-Blue		12.64H	76.18KOhm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Brown-Blue		2.28mH	
Dielectric Strength		2000VRMS	
Temperature Range		-40 to 105 degC	

## TEST CONDITIONS

Measurement instruments:

D scope series iii audio analyzer

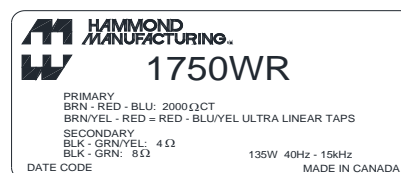
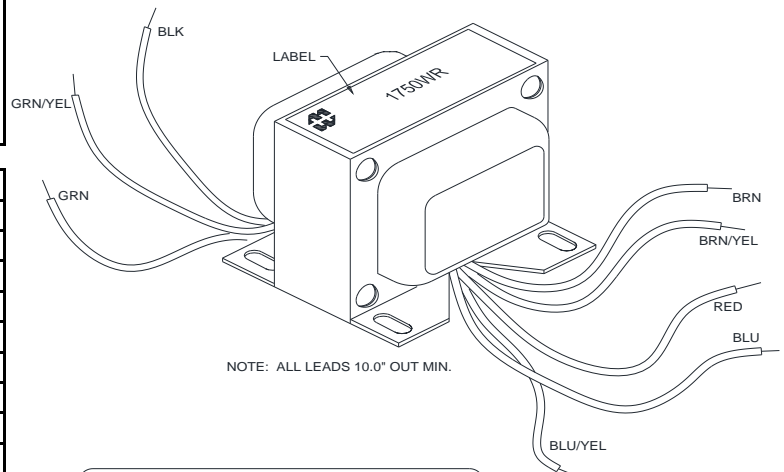
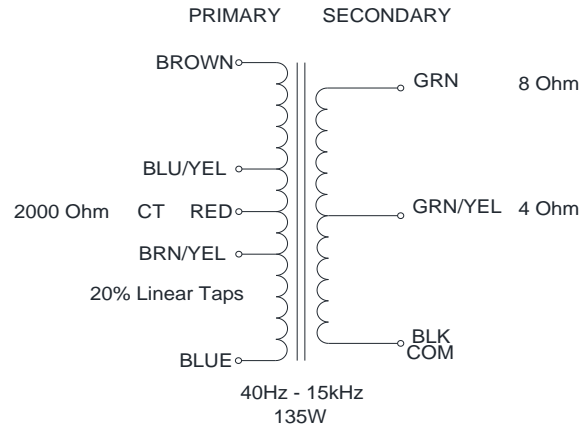
Wayne Kerr 3255B with a 3265B

Keithley 2010 DVM

Hp4192a impedance analyzer

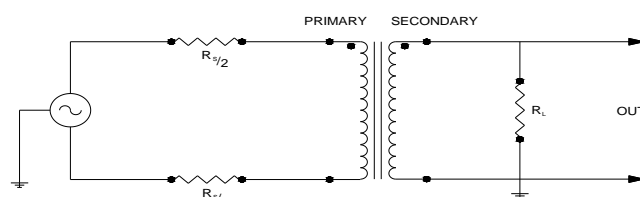
\* All graphs input level 27dBu @1.0KHz reference.

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

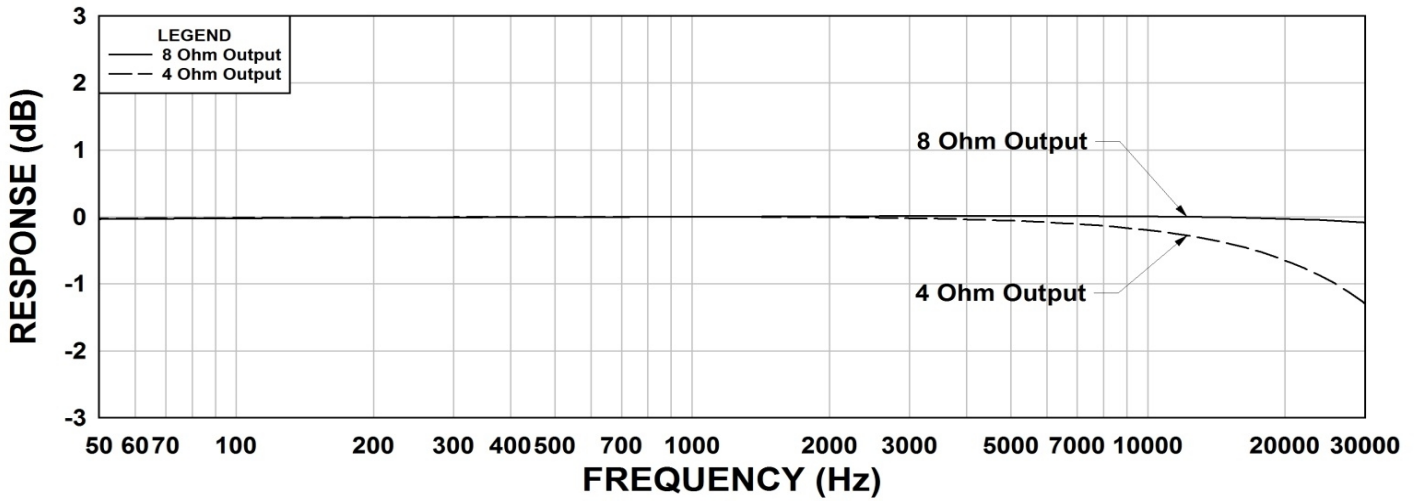


Dimensions		
A	4.050" ±0.063	D 3.500" ±0.063
B	3.715" ±0.125	E 2.500" ±0.063
C	3.500" ±0.063	F 3.020" ±0.063
		G 0.187" X 0.300" ±0.015

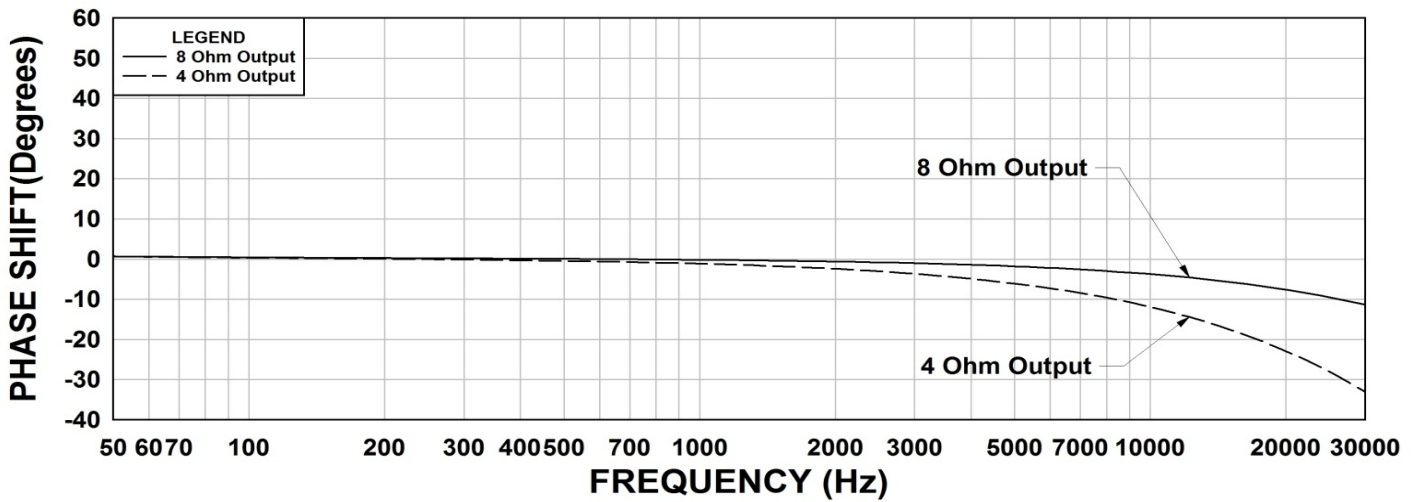
## TYPICAL TEST CIRCUIT



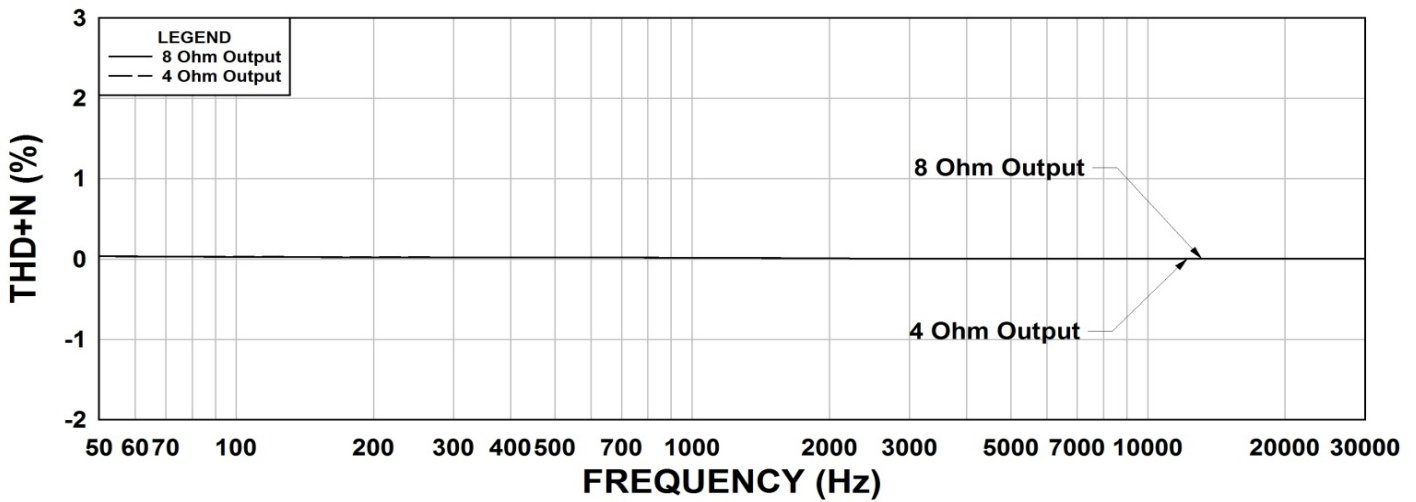
### 1750WR Frequency Response RS = 2K Ohms



### 1750WR Phase Shift RS = 2K Ohms



### 1750WR THD+N RS = 2K Ohms



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