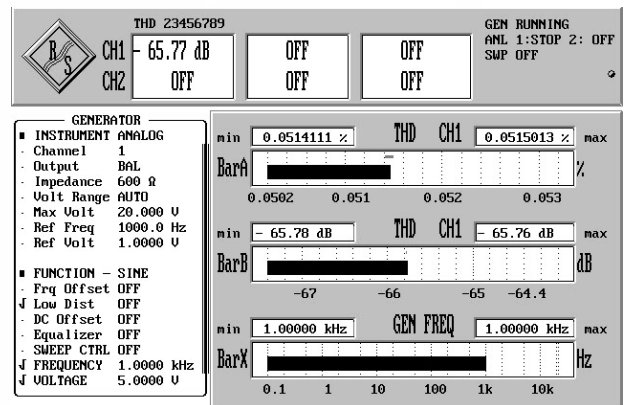
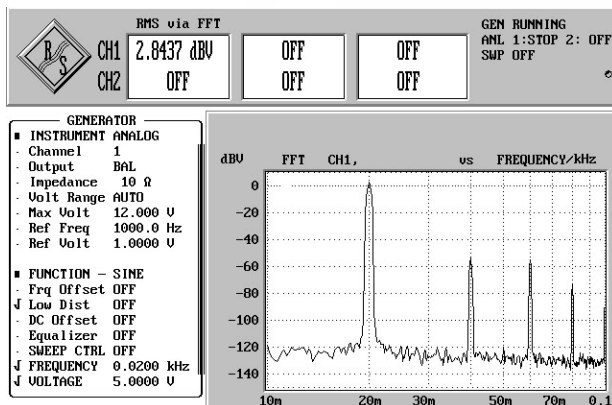
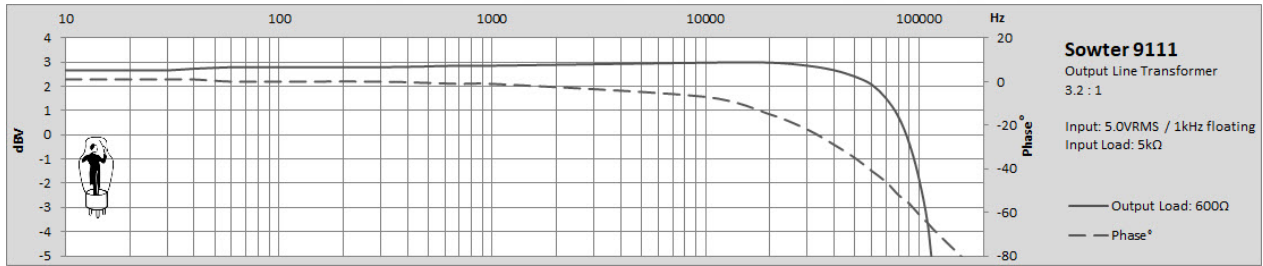
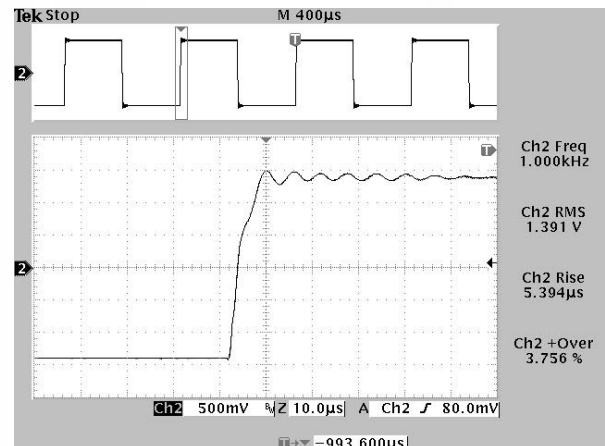
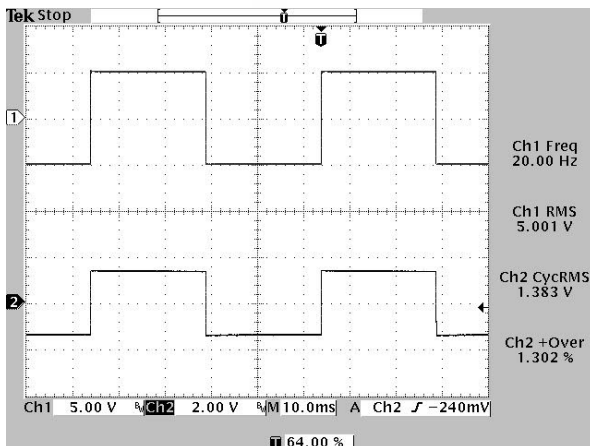


# Sowter 9111 Line Output Transformer

This is not the result of a scientific measurement, just DIY-Information to choose the desired Transformer



Input: 5.0V<sub>RMS</sub> 1kHz floating Input Load: 5.0kΩ Output Load: 600Ω Turns Ratio: 3.2:1



Input: 5.0V<sub>RMS</sub> 1kHz floating Input Load: 5.0kΩ Output Load: 600Ω Turns Ratio: 3.2:1

- Turns Ratio = 6.4:1 or 3.2:1 or 1.6:1
- Prim. Inductance ( $L_p$ ): 31.6H/100Hz (Output open)
- Noise-Shield between prim./sec. Windings
- THD: 20Hz ~0.009  
1kHz ~0.006  
10kHz ~0.003



Equipment: Rohde & Schwarz UPL; Rohde & Schwarz APN62; Tektronix TD3032B; UNI-T UT612  
Version: 3.0

kurtblum.com