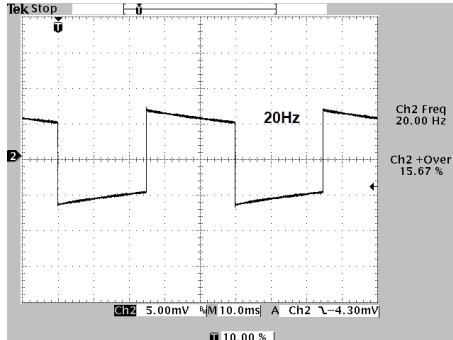
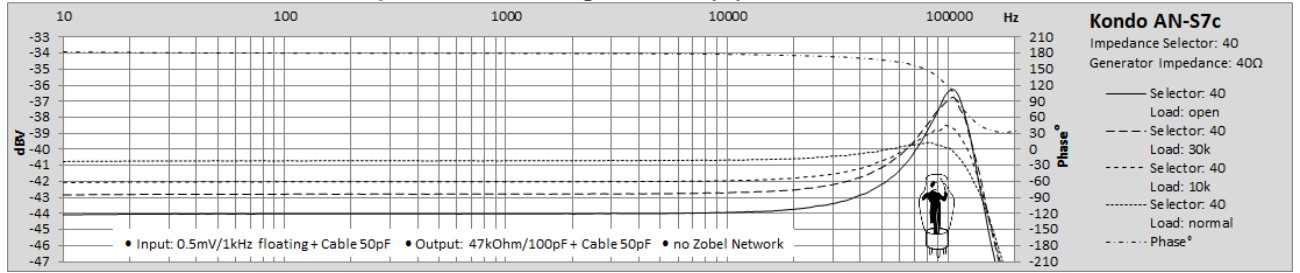


# Kondo-Audio-Note AN-S7c MC-Transformer

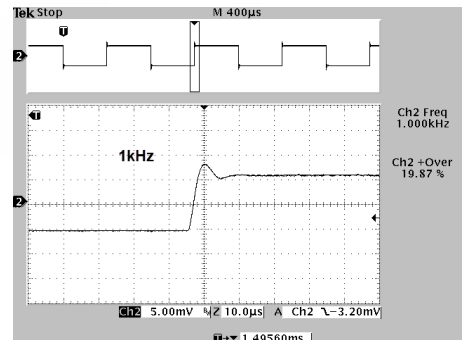
This is not the result of a scientific measurement, just DIY-Information to choose the desired MC-Transformer

## Kondo-Audio-Note AN-S7c Input: 40Ω Cartridge / Ratio (N): 1:11.1



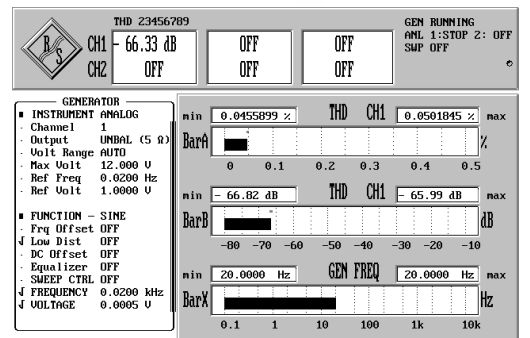
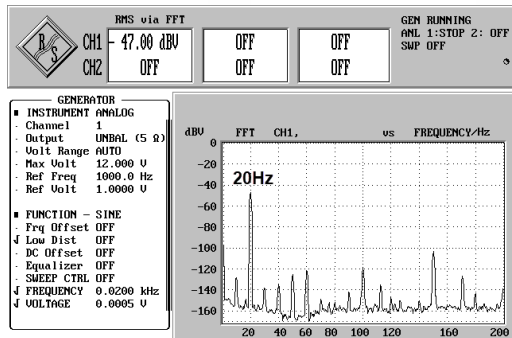
Calculated: 1:11.1, Output 47kΩ  
- prim. 381.5Ω, sec. no Load

Measured: Output 47kΩ/100pF  
- Ratio (N) 1:11.1  
- THD 20Hz~0.048%  
1kHz~0.004%  
10kHz~0.002%  
- Prim. Inductance ( $L_p$ )  
1.94H/100Hz (Output open)



Input: 0.5mV<sub>RMS</sub>/40Ω + Cable 50pF

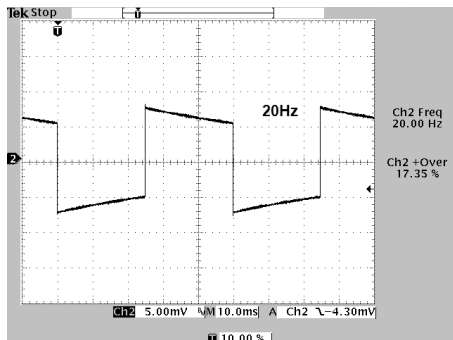
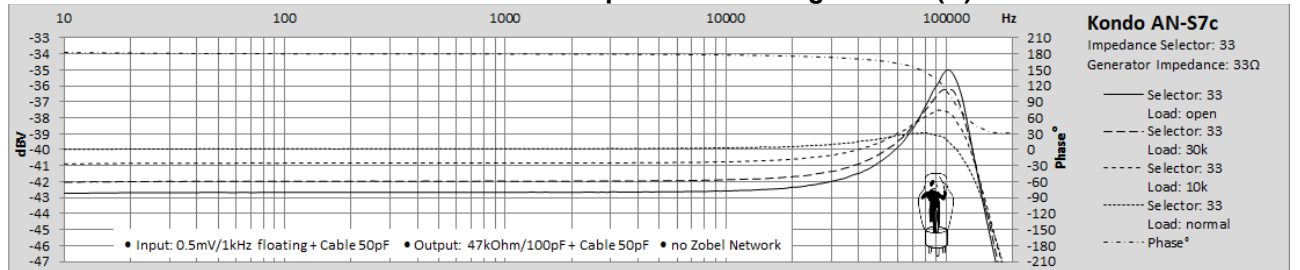
Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)



Input: 0.5mV<sub>RMS</sub>/40Ω + Cable 50pF

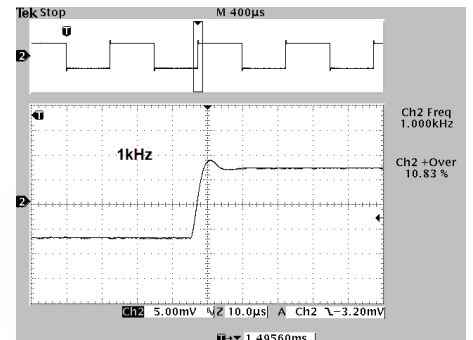
Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

## Kondo-Audio-Note AN-S7c Input: 33Ω Cartridge / Ratio (N): 1:12.3



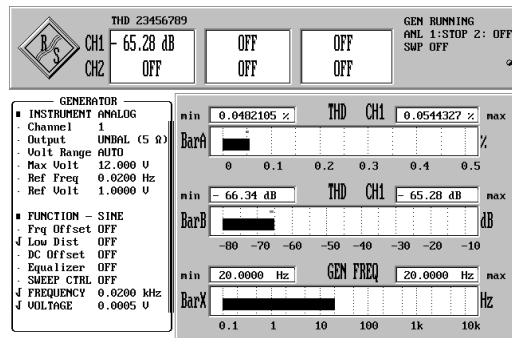
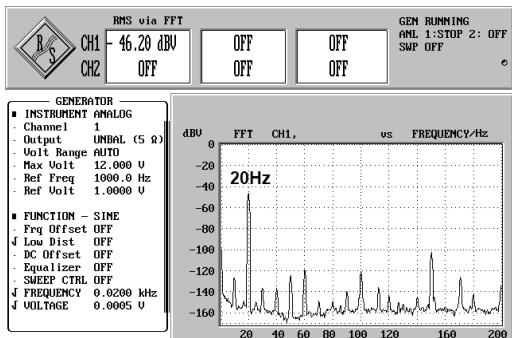
Calculated: 1:12.3, Output 47kΩ  
- prim. 310.7Ω, sec. no Load

Measured: Output 47kΩ/100pF  
- Ratio (N) 1:12.3  
- THD 20Hz~0.050%  
1kHz~0.003%  
10kHz~0.001%  
- Prim. Inductance ( $L_p$ )  
1.62H/100Hz (Output open)



Input: 0.5mV<sub>RMS</sub>/33Ω + Cable 50pF

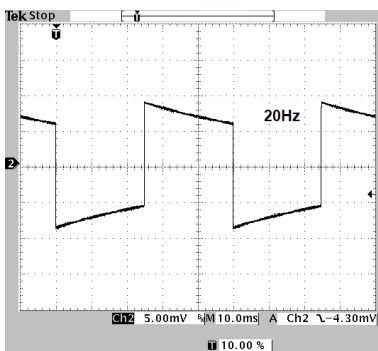
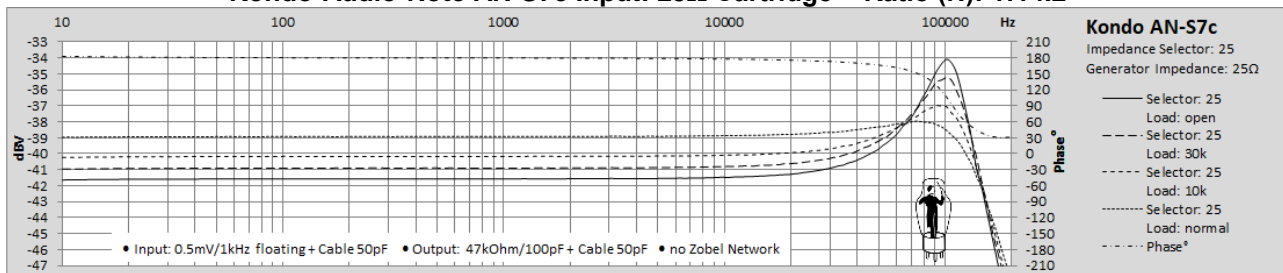
Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)



Input: 0.5mV<sub>RMS</sub>/33Ω + Cable 50pF

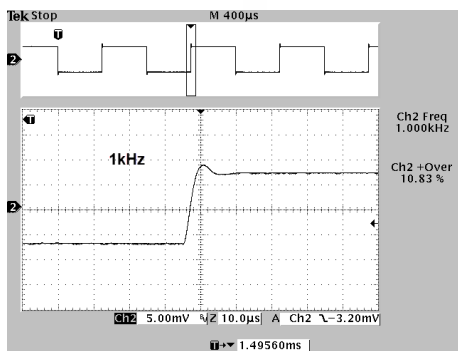
Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

### Kondo-Audio-Note AN-S7c Input: 25Ω Cartridge + Ratio (N): 1:14.2



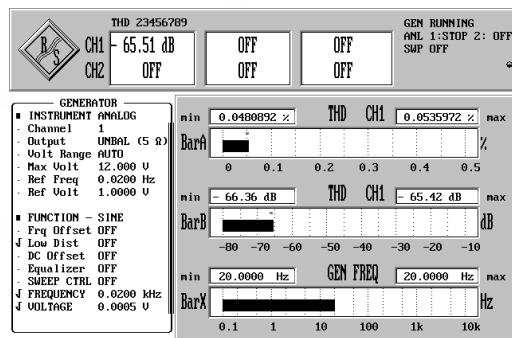
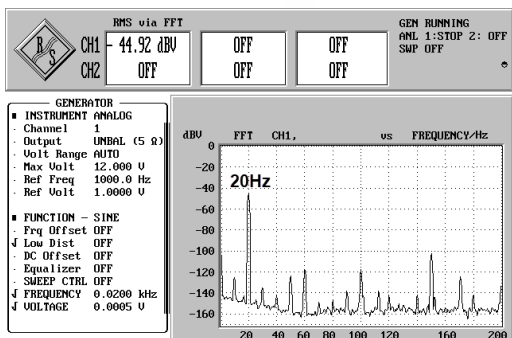
Calculated: 1:14.2, Output 47kΩ  
- prim. 233.1Ω, sec. no Load

Measured: Output 47kΩ/100pF  
- Ratio (N) 1:14.2  
- THD 20Hz~0.052%  
1kHz~0.003%  
10kHz~0.002%  
- Prim. Inductance (L<sub>p</sub>)  
1.26H/100Hz (Output open)



Input: 0.5mV<sub>RMS</sub>/25Ω + Cable 50pF

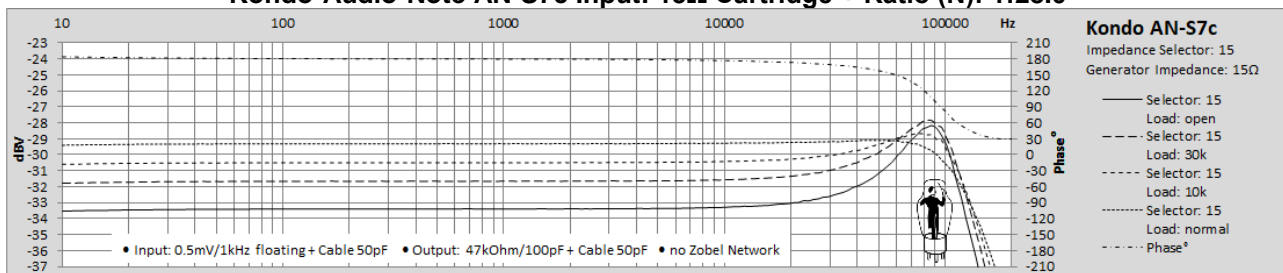
Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

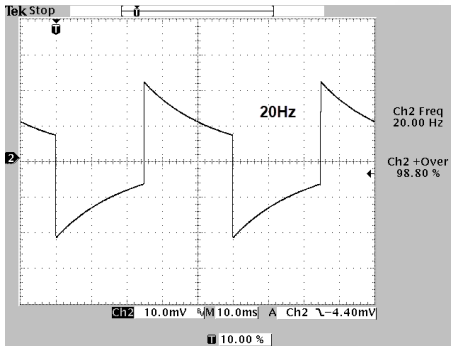


Input: 0.5mV<sub>RMS</sub>/25Ω + Cable 50pF

Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

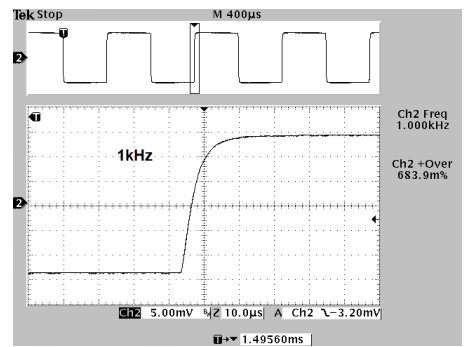
### Kondo-Audio-Note AN-S7c Input: 15Ω Cartridge + Ratio (N): 1:28.0





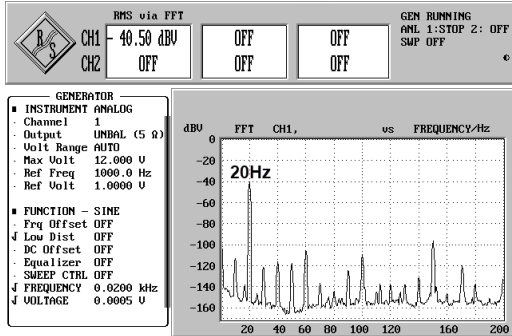
Calculated: 1:28.3, Output 47kΩ  
- prim. 59.9Ω, sec. no Load

Measured: Output 47kΩ/100pF  
- Ratio (N) 1:28.0  
- THD 20Hz~0.088%  
1kHz~0.003%  
10kHz~0.002%  
- Prim. Inductance (L<sub>P</sub>)  
294mH/100Hz (Output open)

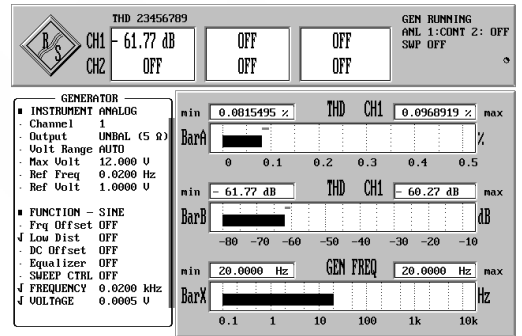


Input: 0.5mV<sub>RMS</sub>/15Ω + Cable 50pF

Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

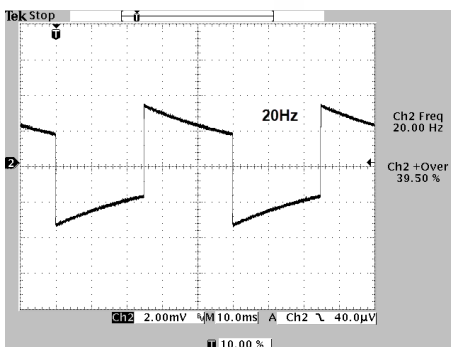
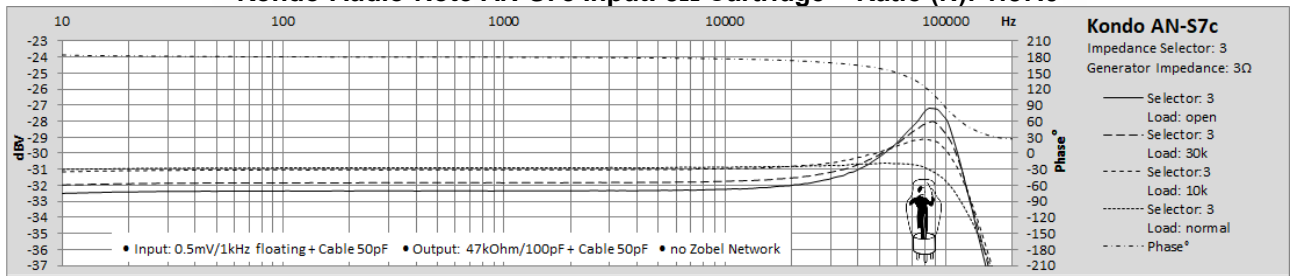


Input: 0.5mV<sub>RMS</sub>/15Ω + Cable 50pF



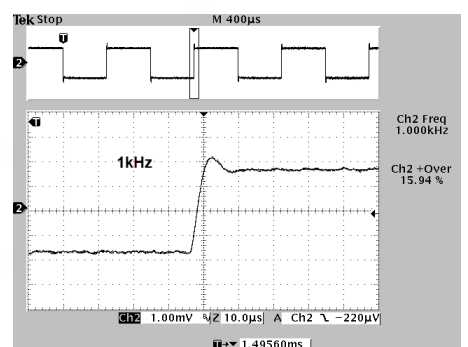
Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

### Kondo-Audio-Note AN-S7c Input: 3Ω Cartridge + Ratio (N): 1:37.0



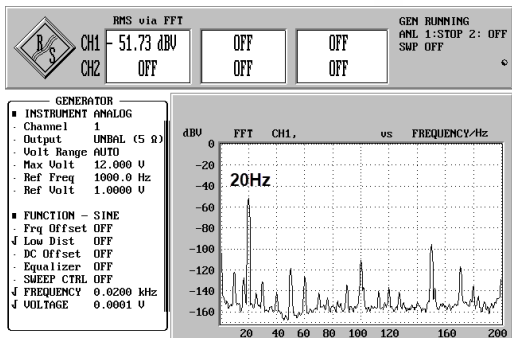
Calculated: 1:37.0, Output 47kΩ  
- prim. 34.3Ω, sec. no Load

Measured: Output 47kΩ/100pF  
- Ratio (N) 1:37.0  
- THD 20Hz~0.165%  
1kHz~0.003%  
10kHz~0.002%  
- Prim. Inductance (L<sub>P</sub>)  
165mH/100Hz (Output open)

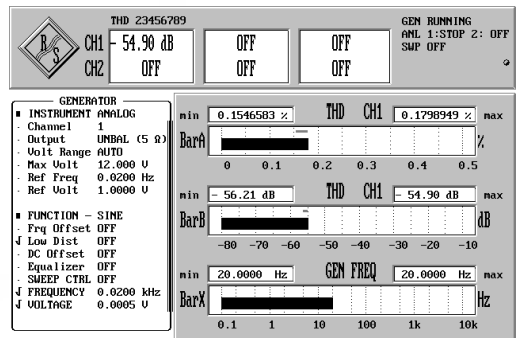


Input: 0.5mV<sub>RMS</sub>/3Ω + Cable 50pF

Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

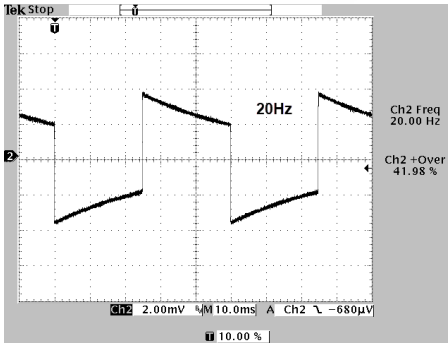
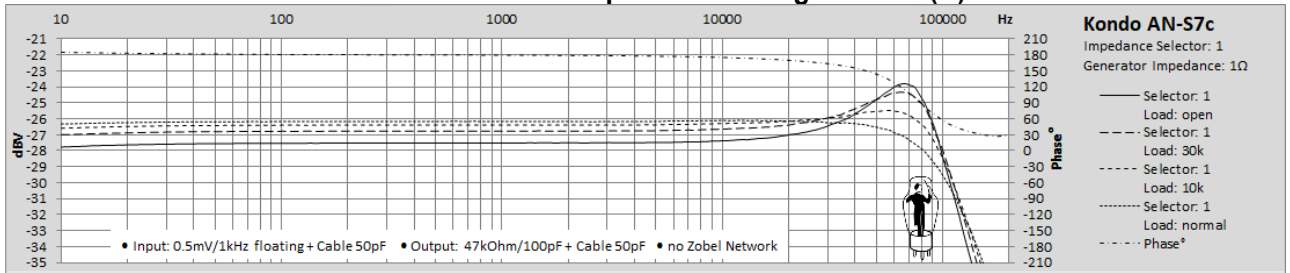


Input: 0.1mV<sub>RMS</sub>/3Ω + Cable 50pF



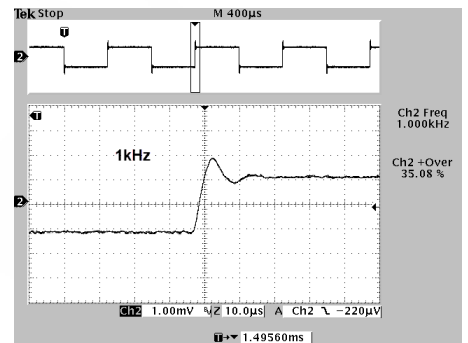
Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

## Kondo-Audio-Note AN-S7c Input: 1Ω Cartridge + Ratio (N): 1:60.0



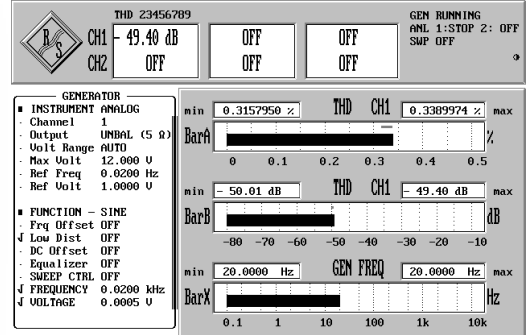
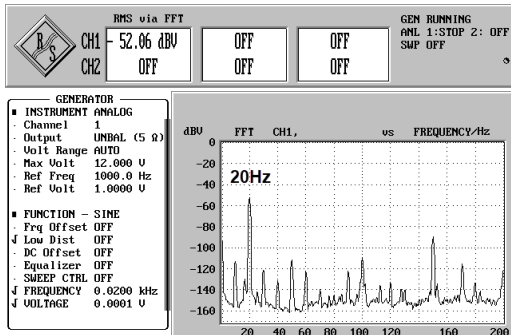
Calculated: 1:60.0, Output 47kΩ  
- prim. 13.1Ω, sec. no Load

Measured: Output 47kΩ/100pF  
- Ratio (N) 1:60.0  
- THD 20Hz~0.325%  
1kHz~0.003%  
10kHz~0.002%  
- Prim. Inductance (L<sub>p</sub>)  
59.3mH/100Hz (Output open)



Input: 0.1mV<sub>RMS</sub>/1Ω + Cable 50pF

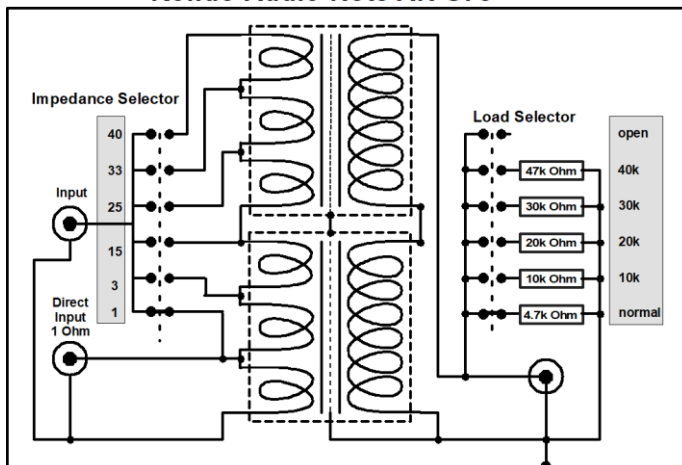
Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)



Input: 0.1mV<sub>RMS</sub>/1Ω + Cable 50pF

Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)

### Kondo-Audio-Note AN-S7c



- All silver wire incl. Transformer-Coils, RCA-Sockets and Switches
- Two MC-Transformers per channel
- Noise-Shield between prim./sec. Windings
- 1 x Case-Screw for Grounding
- Fix connected Output-Cable with Silver RCA-Plugs
- Phase of Input- to Output-Signal is 180° turned around!
- All solid copper chassis

Equipment: Rohde & Schwarz UPL; Rohde & Schwarz APN62; Tektronix TD3032B; Digilent Discovery2; UNI-T; UT61  
Version: 3.6 kurtblum.com