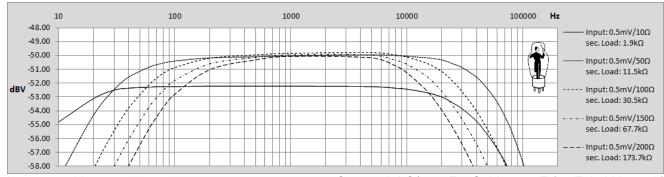
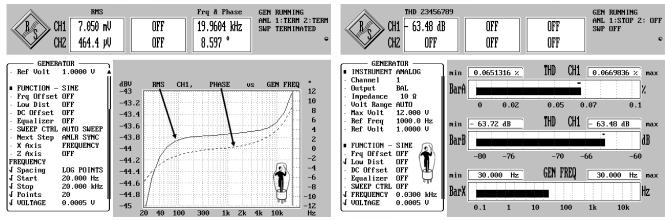
TEAC-Tamura 56004-1 MC-Transformer

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



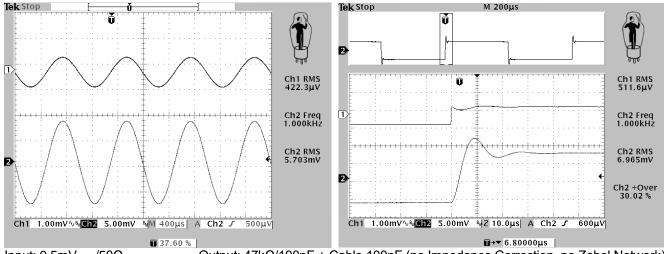
Input: 0.5mV_{RMS}

Output: 47kΩ/100pF + Cable 100pF (no Zobel Network)



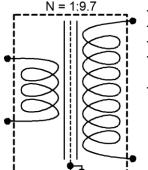
Input: $0.5 \text{mV}_{\text{RMS}}/10\Omega$

Output: $47k\Omega/100pF$ + Cable 100pF (no Impedance Correction, no Zobel Network)



Input: $0.5 \text{mV}_{\text{RMS}} / 50 \Omega$

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



- Turns Ratio (N): 0.42mV → 5.7mV = 1:13.6
- Prim. Inductance (L_P): 105mH/100Hz (Output open)
- Noise-Shield between prim./sec. Windings
- Noise-Shield connected to Case

- THD: 30Hz ~0.066% 1kHz ~0.004% 10kHz ~0.002%



Equipment: Rohde & Schwarz UPL; Rohde & Schwarz APN62; Tektronix TD3032B; UNI-T UT612 Version: 3.3 kurtblum.com