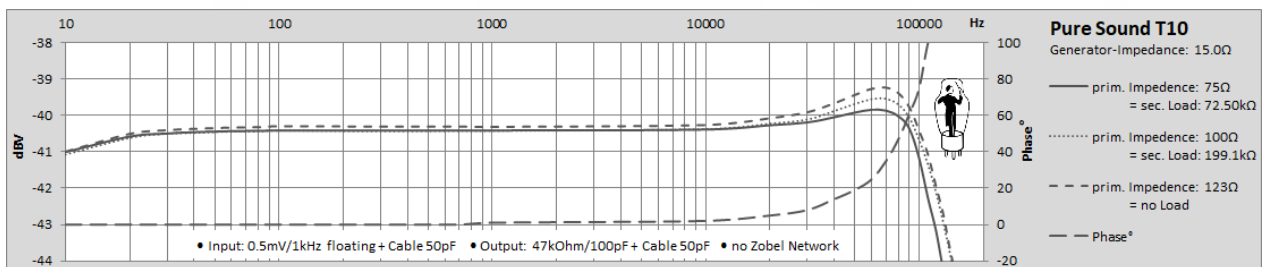
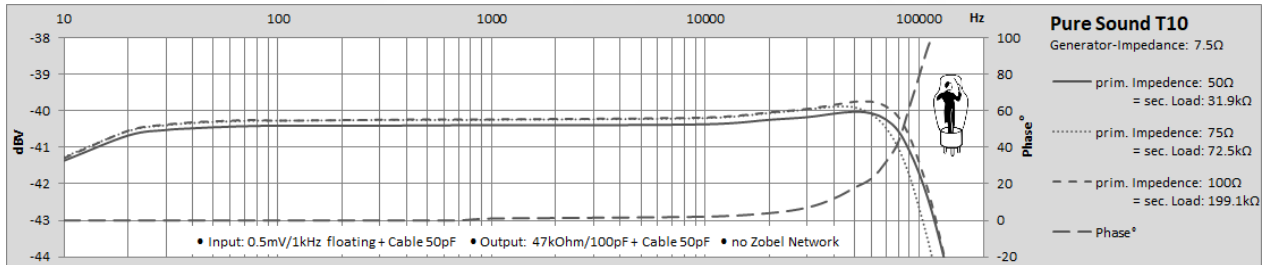
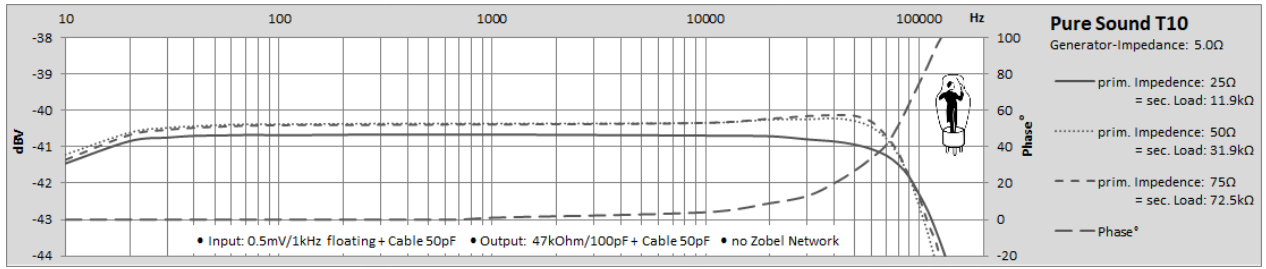


Pure Sound T10 MC-Transformer

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



RMS via FFT

CH1 - 35.35 dBV

CH2 OFF

GEN RUNNING

ANL 1:STOP 2: OFF

SWP OFF

GENERATOR

- INSTRUMENT ANALOG
- Channel 1
- Output UNBAL (5 Ω)
- Volt Range AUTO
- Max Volt 12.000 U
- Ref Freq 1000.0 Hz
- Ref Volt 1.0000 U

FUNCTION - SINE

- Freq Offset OFF
- Low Dist OFF
- DC Offset OFF
- Equalizer OFF
- SWEEP CTRL OFF
- FREQUENCY 0.0200 kHz
- VOLTAGE 0.0010 U

FFT CH1, vs FREQUENCY/kHz

20Hz

THD 23456789

CH1 - 68.03 dB

CH2 OFF

GEN RUNNING

ANL 1:STOP 2: OFF

SWP OFF

GENERATOR

- INSTRUMENT ANALOG
- Channel 1
- Output UNBAL (5 Ω)
- Volt Range AUTO
- Max Volt 12.000 U
- Ref Freq 20.000 Hz
- Ref Volt 1.0000 U

FUNCTION - SINE

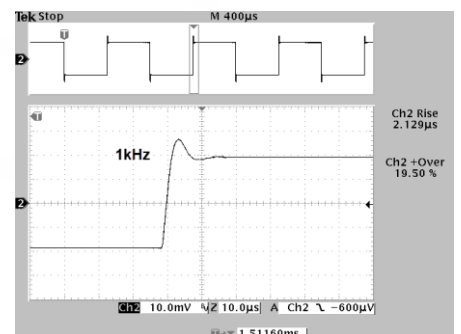
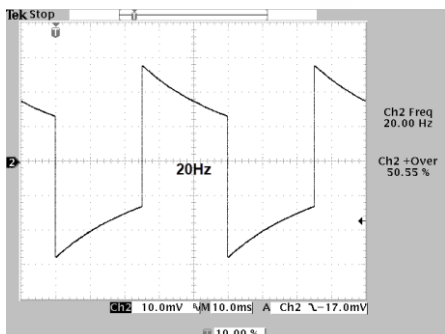
- Freq Offset OFF
- Low Dist OFF
- DC Offset OFF
- Equalizer OFF
- SWEEP CTRL OFF
- FREQUENCY 0.0200 kHz
- VOLTAGE 0.0010 U

BarA: 0.0387315 % THD CH1: 0.0396782 %

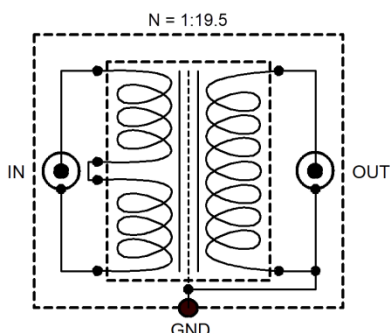
BarB: -68.24 dB THD CH1: -68.03 dB

BarX: 20.0000 Hz GEN FREQ: 20.0000 Hz

Input: 1.0mV_{RMS}/5Ω + Cable 50pF Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)



Input: 1.0mV_{RMS}/15Ω + Cable 50pF Output: 47kΩ/100pF + Cable 50pF (no Impedance Correction, no Zobel-Network)



- Turns Ratio (N): 1: 19.5
 - Turns Ratio Switch: 1:19 or 1:38
 - Prim. Inductance (LP): 932mH/100Hz (Output open)
 - Noise-Shield between prim./sec. Windings
 - Output-RCA connected to Ground
 - Ext. Ground-Connector
- THD: 20Hz ~0.039%
- 1kHz ~0.002%
- 10kHz ~0.001%

