



REICHENBACH ENGINEERING



CM-14401/(PC)

MC Phono Cartridge Input Transformer 1:5/10/20 Turns ratio

- Moving coil cartridge transformer (SUT)
- Intermediate (Level II) Audiophile performance level
- Interfaces with 47K phono preamplifier
- Excellent bandwidth
- Excellent CMRR

The CM-14401 is intended to interface moving coil phono cartridges with 47K input impedance preamplifiers. It has excellent bandwidth, excellent common mode rejection ratio (CMRR), and excellent distortion characteristics. It is available either in a printed circuit pin package or with lead wires. It is encased in a μ -metal can which provides more than 30 dB magnetic shielding. As with all CineMag transformers, the drain wires connecting the internal foil shields which go between windings are all spot welded for maximum long term reliability.

Please contact the factory if you not sure whether it is the optimal transformer for the cartridge it will interface. CineMag manufactures a wide selection of MC transformers.

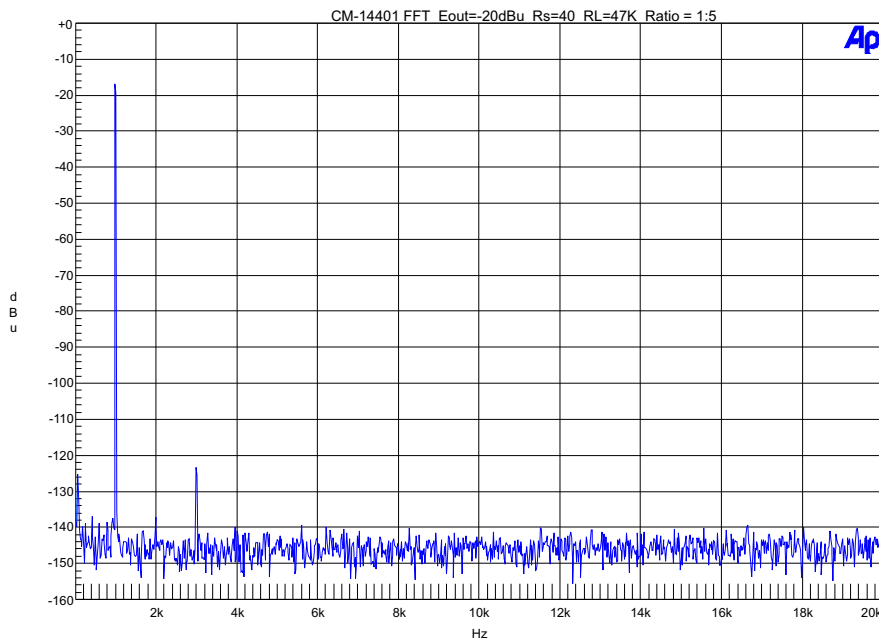
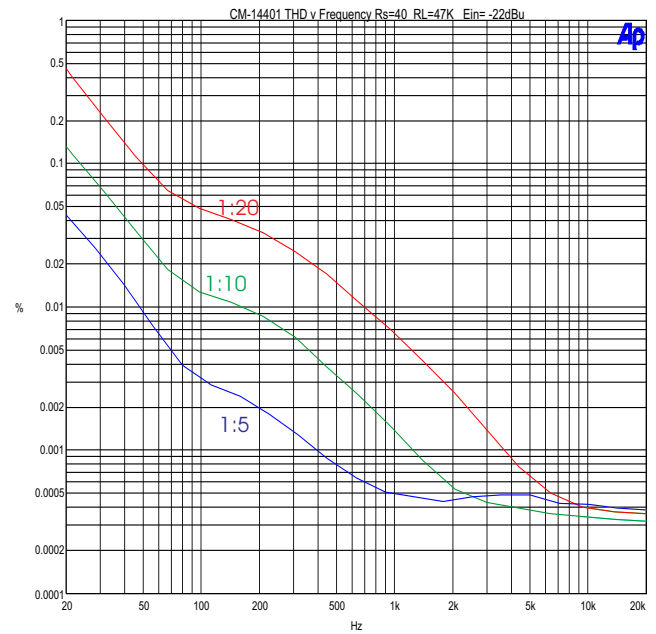
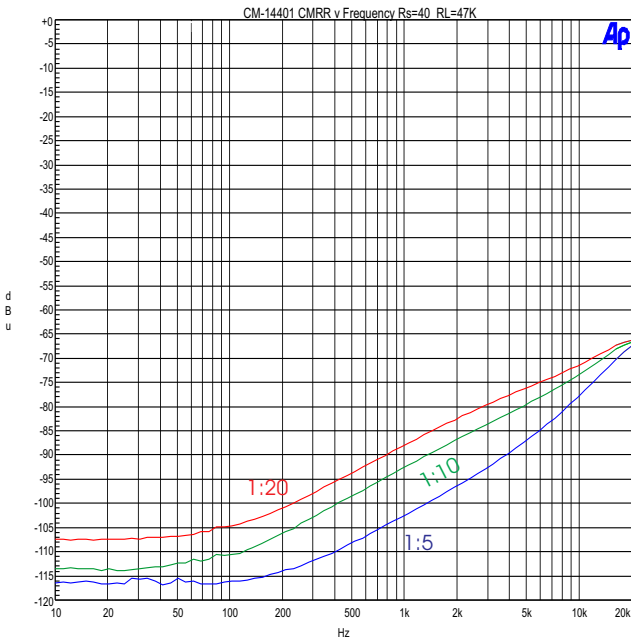
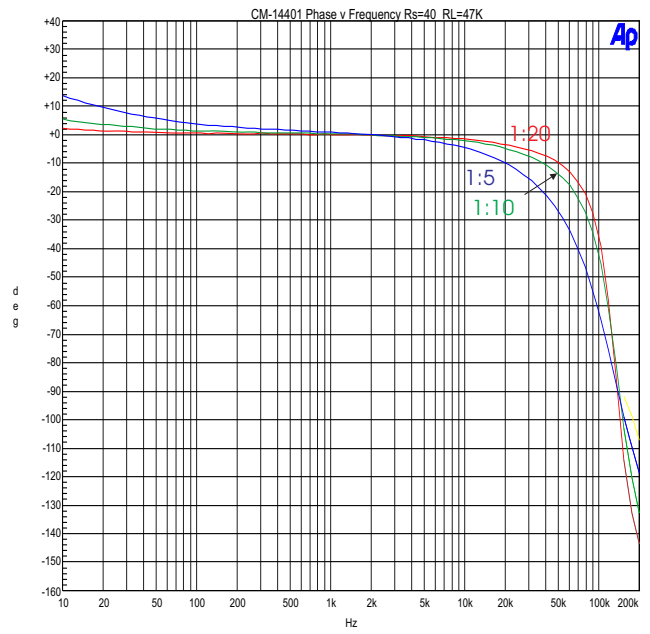
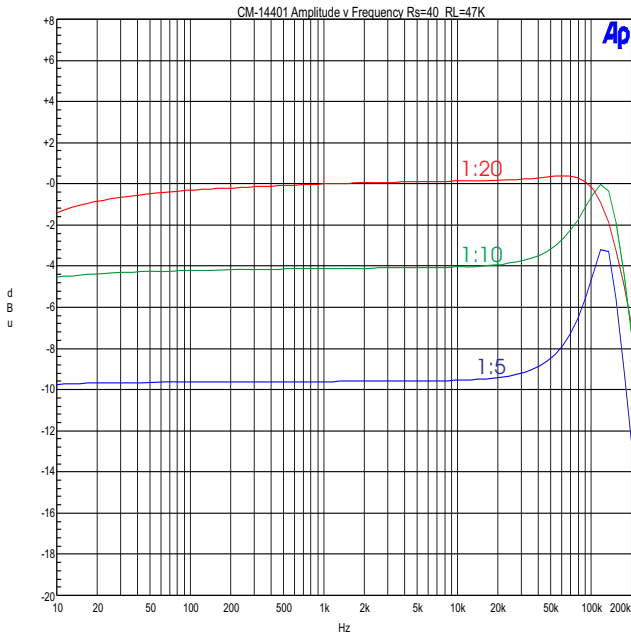
CM-14401 CM-14401PC (For PC version, select step-up options required when ordering)

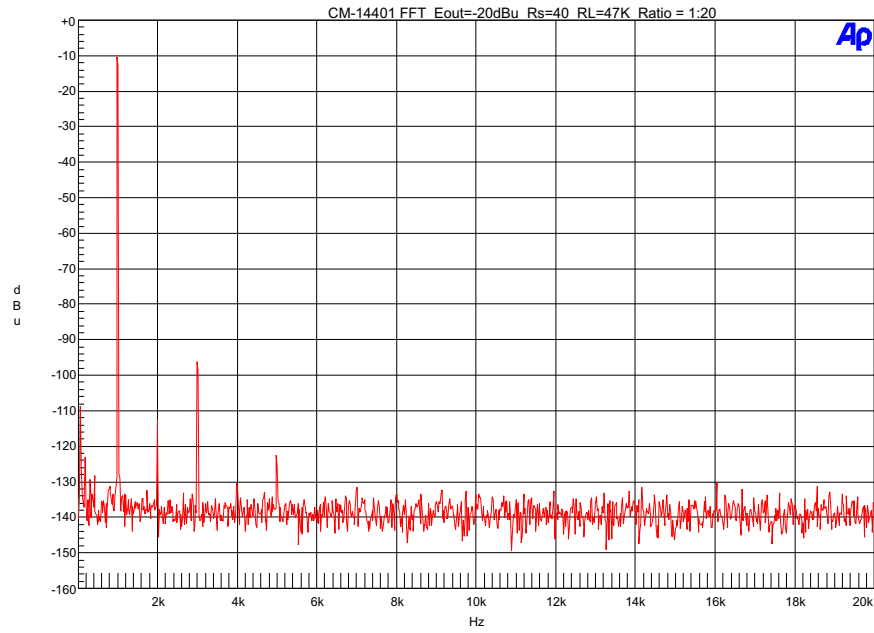
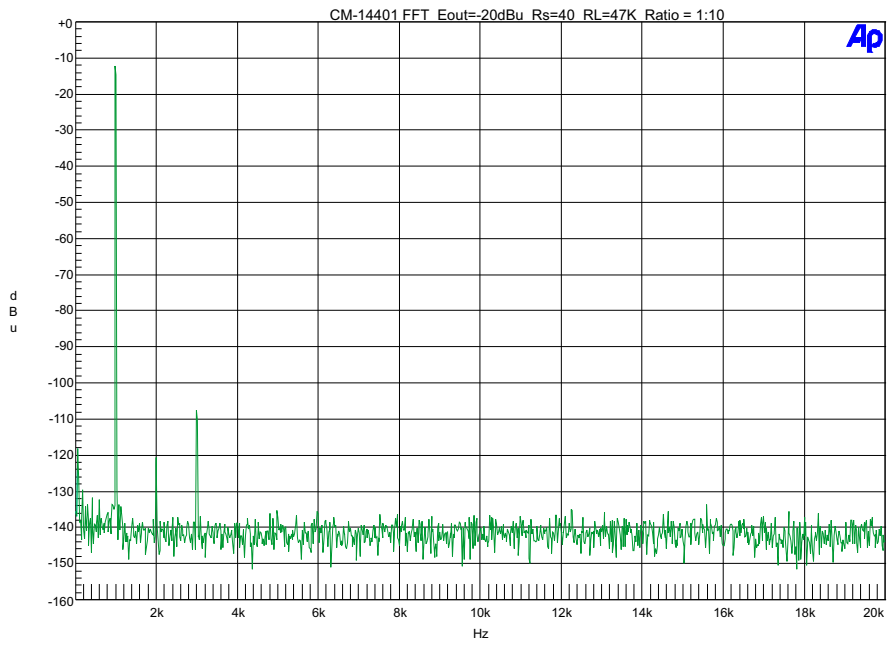
Parameter	Conditions	Typ
Turns Ratio		1 : 5/10/20
Distortion (THD+N%)	1 kHz Test Circuit 1 20 Hz Test Circuit 1	<0.01% 0.01%
Response, ref 1 kHz	10 Hz 1:10 Test Circuit 1 20 kHz 1:10 Test Circuit 1 50kHz	-0.5dBu +0.2dBu +0.6dBu
Phase Shift at 20 Hz Phase Shift at 20 kHz	Referenced to source generator Test Circuit 1	+0.5° -5°
CMRR	60 Hz Test Circuit 2 per IEE Std 389 ¶19 1 kHz Test Circuit 2 per IEE Std 389 ¶19	>110dB > 90dB
Operating Temp Range	Operation and storage	0° C Min 70° C Max
Max Soldering Temp (printed circuit pins)	5 Seconds	270° C Max

4487 Ish Drive, Simi Valley, CA 93063

cinemag@cinemag.biz

<http://www.cinemag.biz>





NOTES:

1. All graphs generated from one (1) randomly chosen device. No statistical averaging or weighting. Data from one sweep.

