



REICHENBACH ENGINEERING



# CM-14401/(PC)

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

- Moving coil cartridge transformer (SUT)
- Intermediate 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  $\mu$ -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.

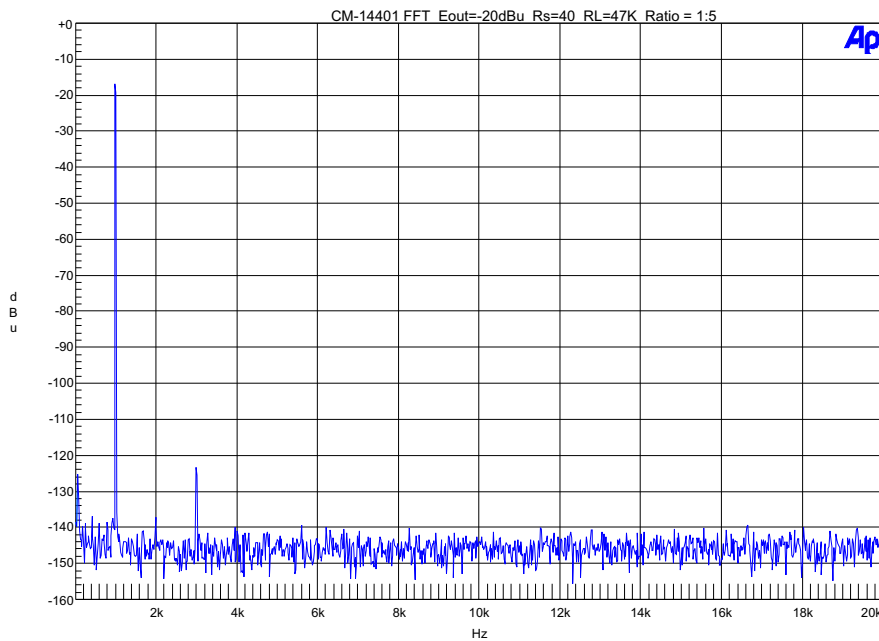
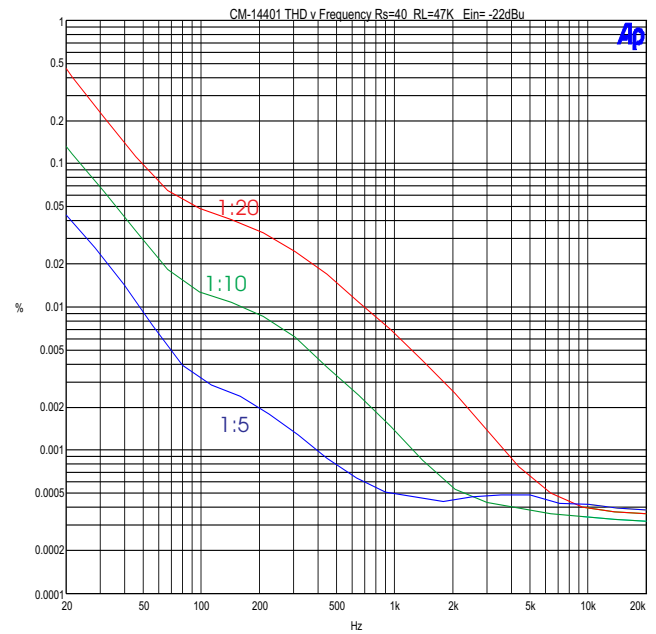
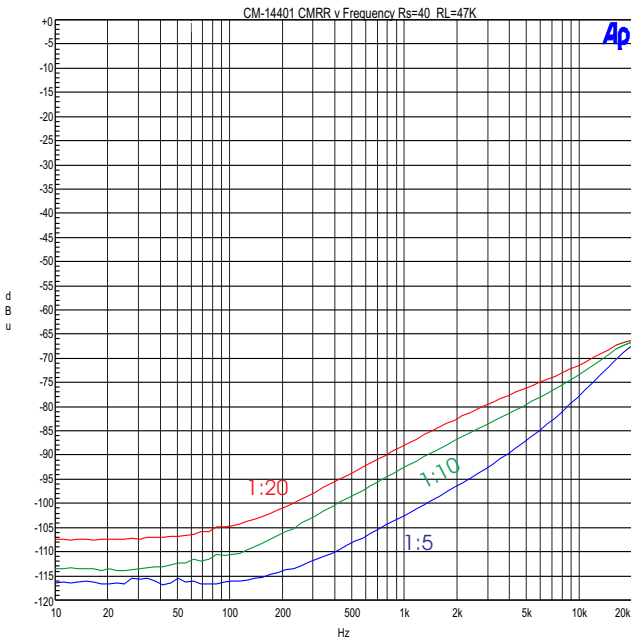
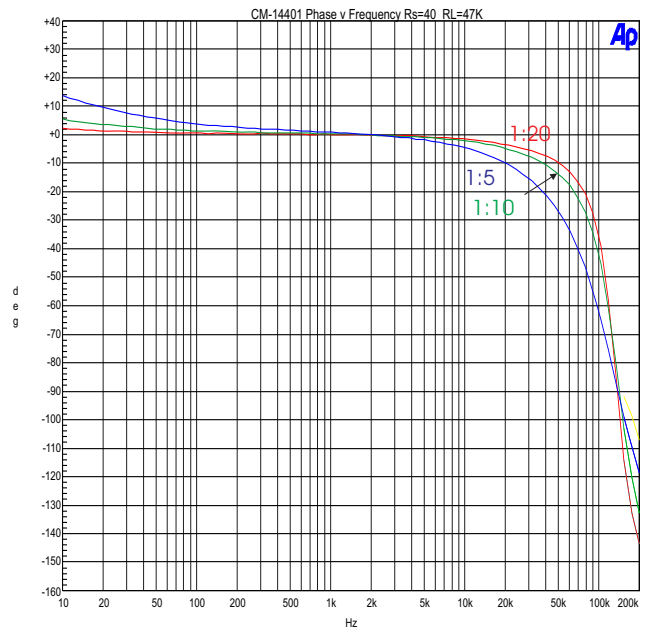
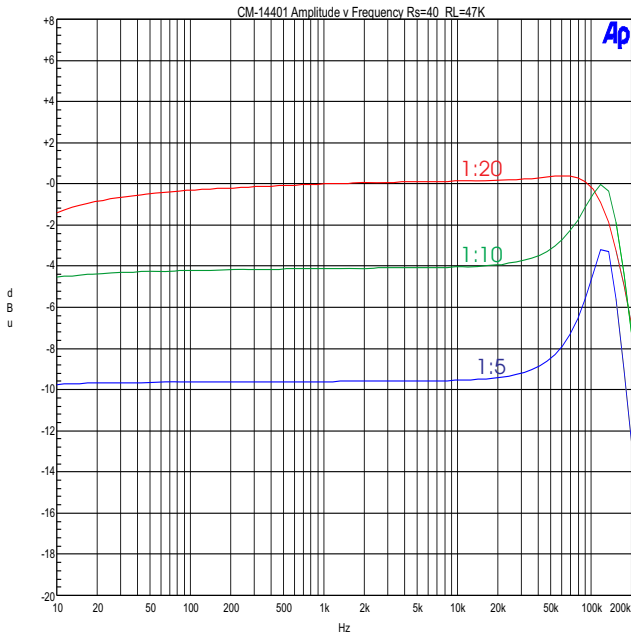
### CM-14401 CM-14401PC (For PC version, select step-up options required when ordering)

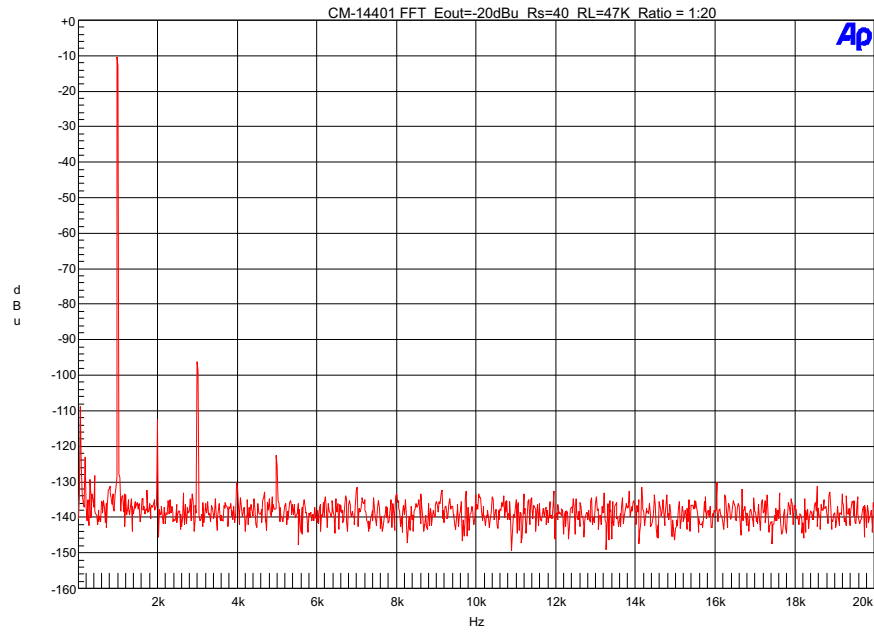
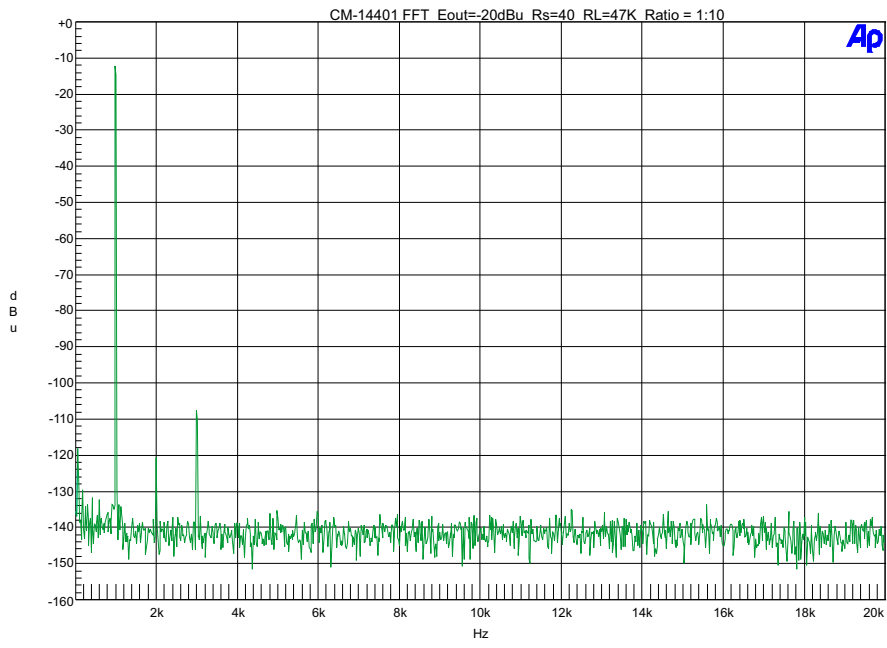
Parameter	Conditions	Typ	
Turns Ratio		1 : 5/10/20	
Distortion (THD+N%)	1 kHz 20 Hz	Test Circuit 1 Test Circuit 1	<0.01% 0.01%
Response, ref 1 kHz	10 Hz 1:10 20 kHz 1:10 50kHz	Test Circuit 1 Test Circuit 1	-0.5dBu +0.2dBu +0.6dBu
Phase Shift at 20 Hz Phase Shift at 20 kHz	Referenced to source generator Test Circuit 1		+0.5° -5°
CMRR	60 Hz 1 kHz	Test Circuit 2 per IEE Std 389 ¶19 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

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NOTES:

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

