

Placement of coils in crossover networks:

Test: 2 x 0.56 mH coils in series; actual measured value with coils wide apart = 1.144 mH



Fig. 1. Coils 20 cm apart, 1.144 mH

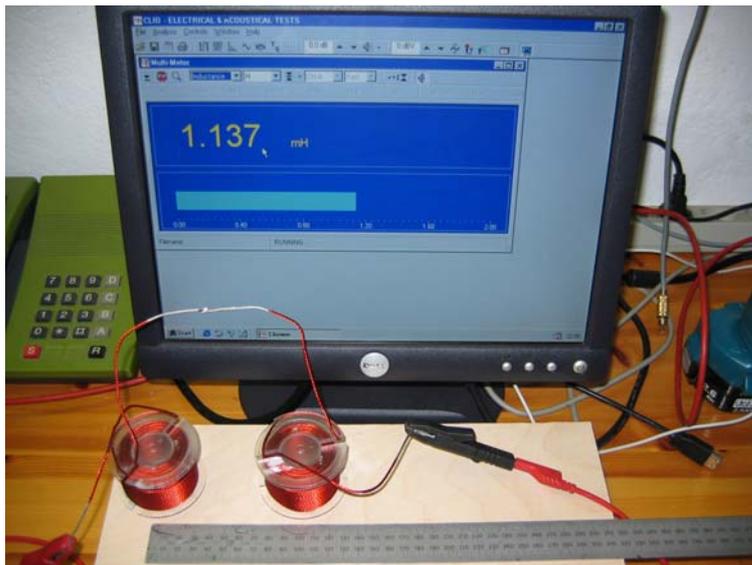


Fig. 2. Coils 10 cm apart, 1.137 mH.

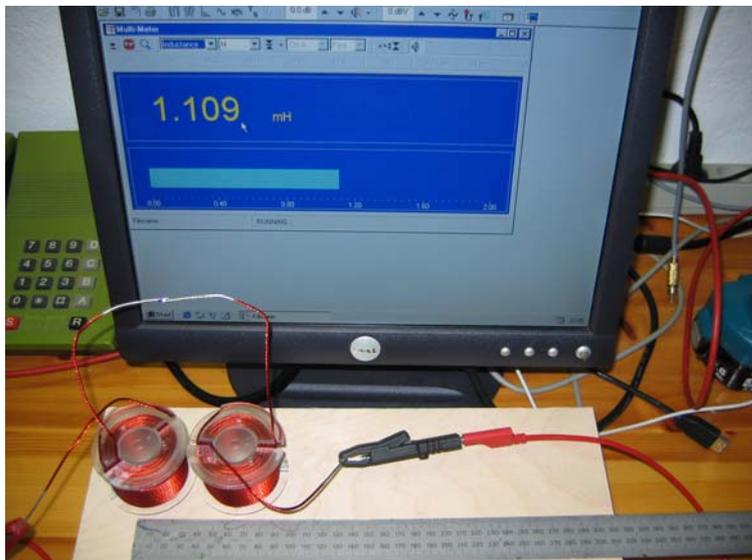


Fig. 3. Coils as close as possible; 1.109 mH.



Fig. 4. Coils placed close as seen on picture, one coil turned upside down; 1.181 mH. Compare to fig. 3.



Fig. 5. Coils placed close as seen on picture; 1.147 mH.

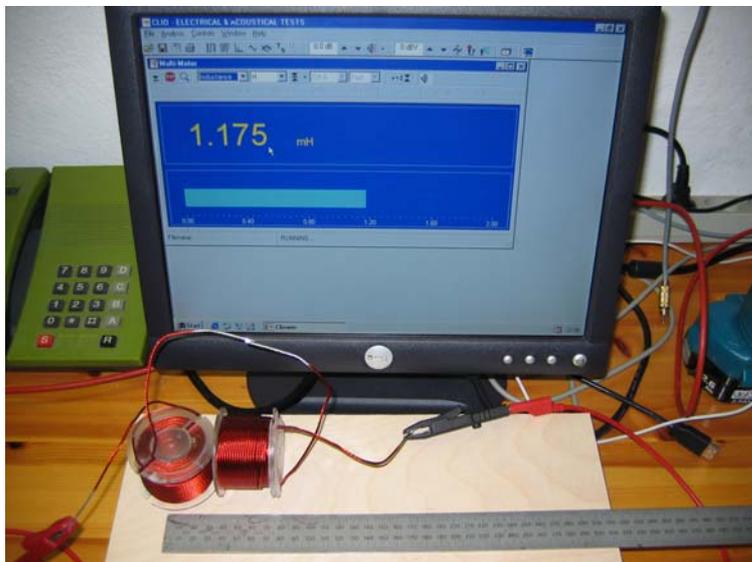


Fig. 6. Coils placed close as seen on picture; 1.175 mH.

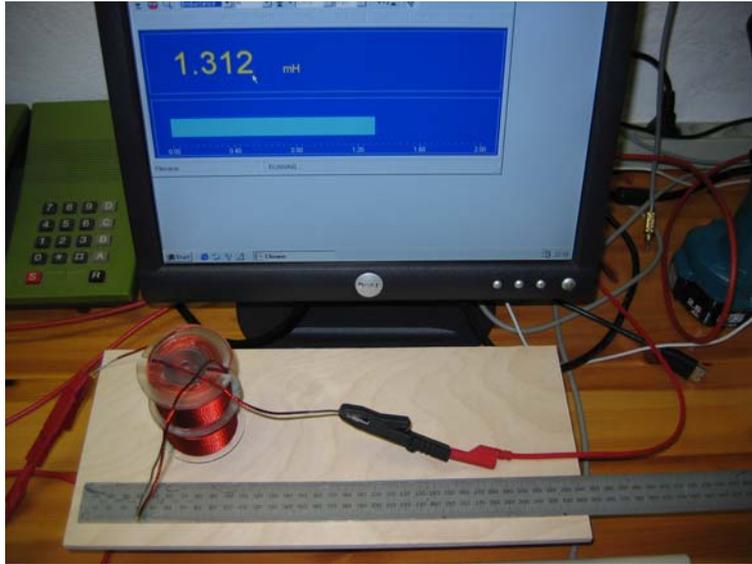


Fig. 7. Coils placed on top on one another, same orientation. 1.312 mH.



Fig. 8. Coils place on top on one another, reverse orientation. 1.015 mH.

