



The use of a tuner with a good Q in front of the pre-amp is highly recommended. The pre-amp probably doesn't get overloaded, but your Rx will! The resistor networks are NOT to adjust the gain, but help to detect a possible cause of overload, and where!

AMP ON/OFF with a DIL-relay => AC off is autobypass => FET safety!

Toroid manufacturer: Philips. AL value = 6600 mH/1000 wind.

All ferrite toroids: 3E25 27mm orange

Each drawn winding is over the TOTAL circumference. So 2x7 = 2 times 7 windings in parallel (= wound with double wire) NO TWISTING, this degrades total bandwidth!

Title  
15kHz - 10MHz MAGNETIC LOOP 20dB AMPLIFIER

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A	Design by Walter Geeraert - PE1ABR	
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