

50MHz-Transverter 10m/6m

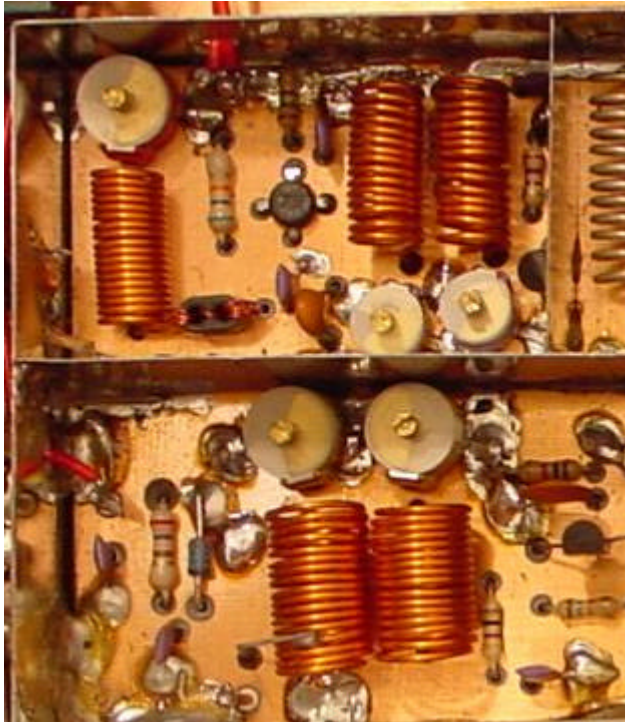
This transverter was built in 1994, a discription in three parts (german language) for DOWNLOAD as PDF-files. Circuit, printed-boards and layouts in the files!

PDF-files in German

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PDF-files in Englisch

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RX-Converter

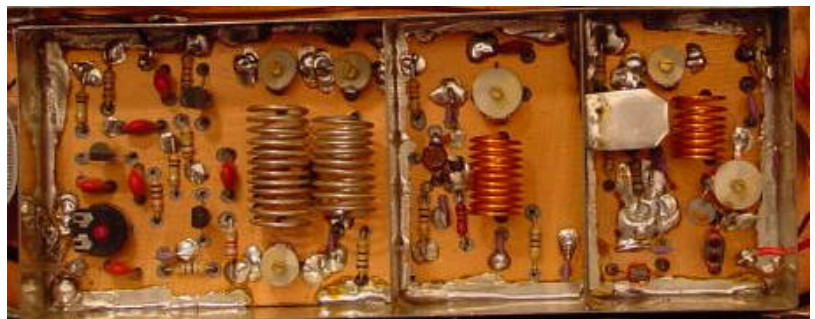
RF-amplifier with FET BF256C, Mixer with MOSFET BF961

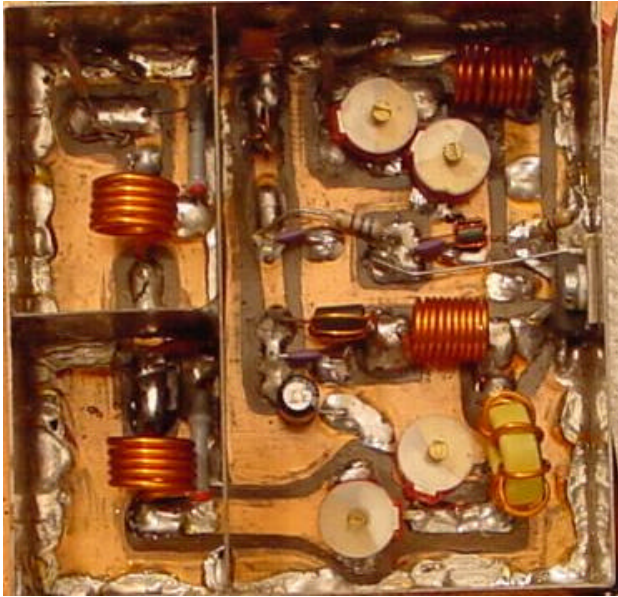
Oscillator

Crystal 22MHz, one stage

TX-Mixer

Push-pull 2x BF256C,
amplifier BF961, driver
2N4427, output 300mW





Linear-PA
300mW input, max. 6W output
Transistor 2SC1306
Left filter for 50MHz

Drive-Attenuator

Input level can be reduced from 5W at 28MHz to a level of about 100mV/50Ohm for the TX-mixer. The used TRX is a FT-890.

