

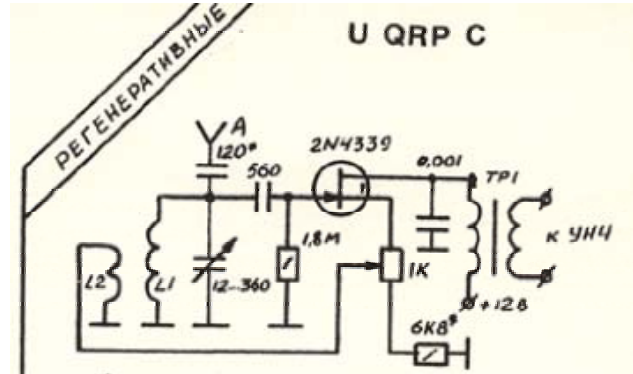
Simple Regenerative Receivers

The simple regenerative receivers were published at "U- QRP- C. Reference Book- #3," page 6. I have done the receivers, they work pretty well!
73/72! I. G.

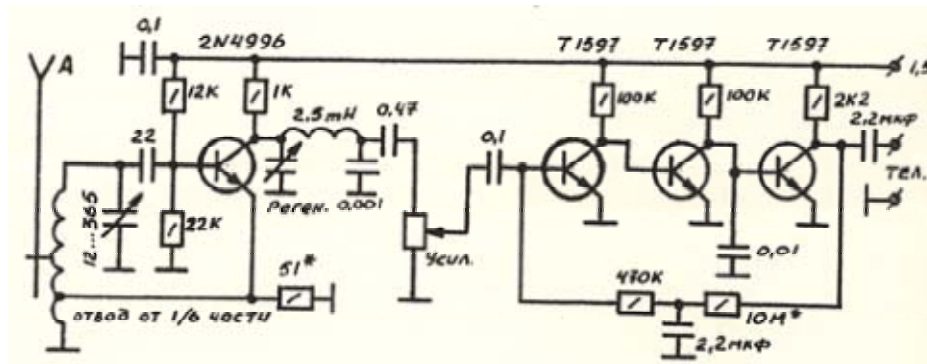
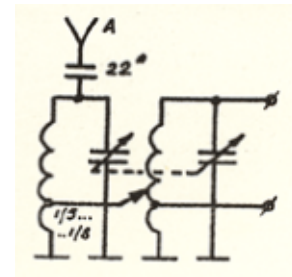
Credit Line:
"U- QRP- C. Reference Book- #3" 1991 year.

DATA:

Transistor can be any RF FET. Output transformer can be any output transformer from a transistor radio. L1 depends on used band. I used collections inductors wired at form diameter 20 mm with wiring length 25 mm. For 10- 20 meters, L1 contains 9 turns, L2 contains 2 turns near cold end L1. For 20- 40 meters L1 contains 15 turns, L2 contains 3 turns near cold end L1. For 80- 160 meters L1 contains 45 turns, L2 contains 10 turns near cold end L1. Antenna capacitor 120-pF may be 2- 120-pF in value.



Use the two- tank circuit at input clips of the receivers. It gives you cleaning from unwanted stations and provides your thin Air.



Data for L the same as for above receiver. Tap made from 1/6 parts of the L. Resistor on *51 Ohm should be pickup for used band (or, the same, used L). Inductor for 2.5 mH is home brew, it contains 200 turns onto a ferrite ring 20x12x4 mm, permeability 600. Transistor used in regenerative stage should be good RF transistor with f = 300 MHz, and gain =100 and more. Any audio transistors can be used in audio amplifier.

Hope, you will have fun with the receivers!
73! Igor, VA3ZNW

Figures of the receivers are reproduced from "U- QRP- C. Reference Book- #3.'

