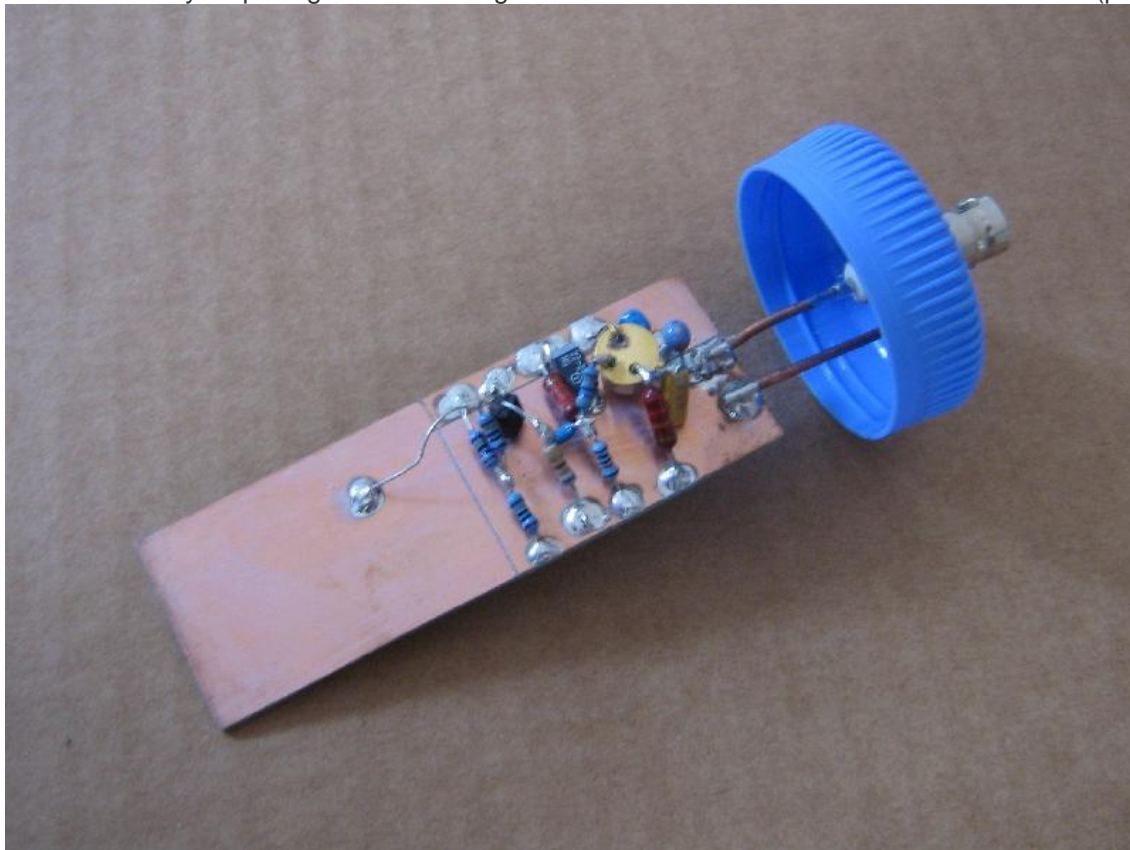


The PA0RDT active antenna

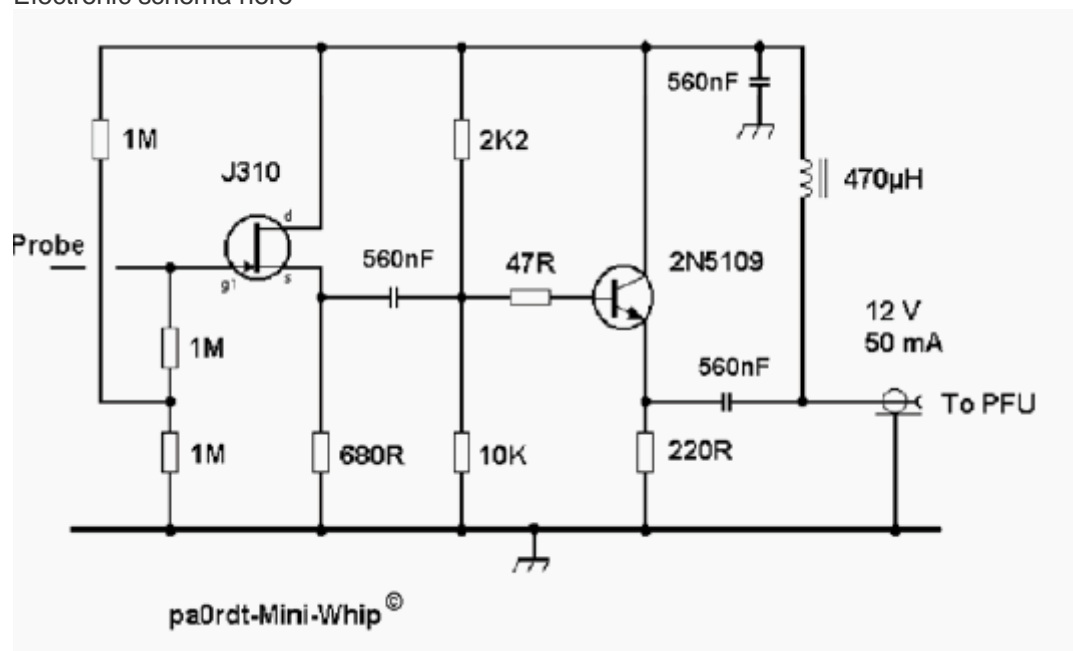
I have build a very easy active antenna designed by PA0RDT.

I placed it into a little milk bottle on the top of a fiberglass mast about 8m above the ground.

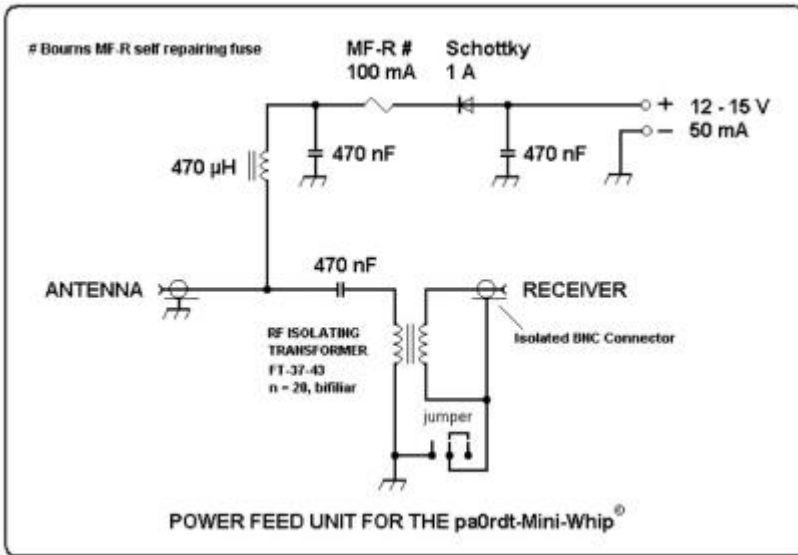
Results are very surprising. The antenna gives excellent results between 9Kz and 3600Khz. (picture from internet)



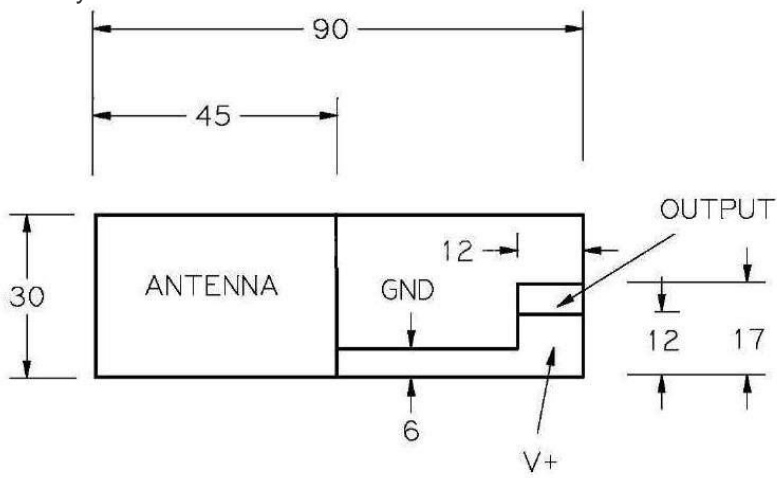
Electronic schema here



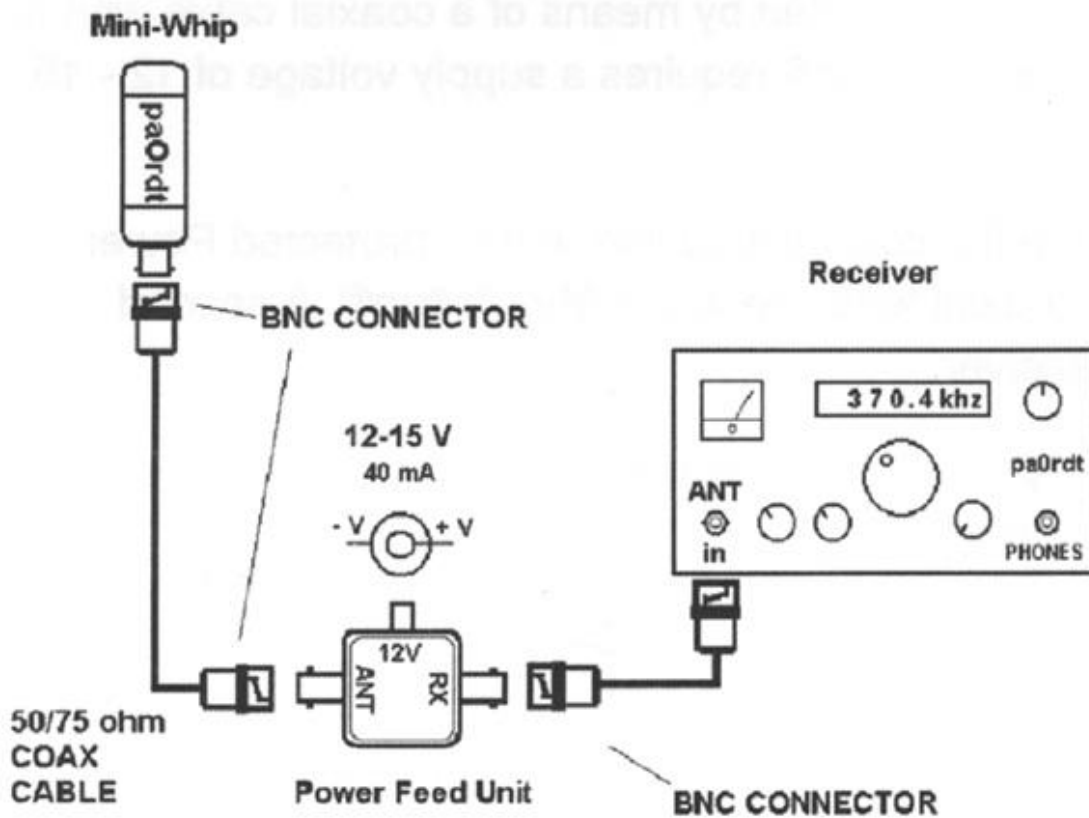
Supply



PCB layout



Installation schema



DON'T FORGET :

- 1) This antenna **MUST** be installed on a non-metallic pole.
- 2) To be efficient the antenna must be installed at least 35-45 foot high (12m -15m)
- 3) The antenna must be kept away around 70 feet (20-25m) of surrounding buildings, it doesn't works inside buildings.
- 4) The shield of the coaxial cable will be grounded with a earth stack at the bottom of the pole.