

# Collinear Antenna for 432- MHz Band

*The publication is devoted to the memory UR0GT.*

**Credit Line: Forum from:**

[www.cqham.ru](http://www.cqham.ru)

The simple collinear antenna may be made from a length of aluminum tube, copper tube or just a thick wire. You need a 130- cm length for antenna and 70 cm length for four counterpoises. Despite of simplicity of the design the antenna has very good parameters. **Figure 1** shows design of the antenna.

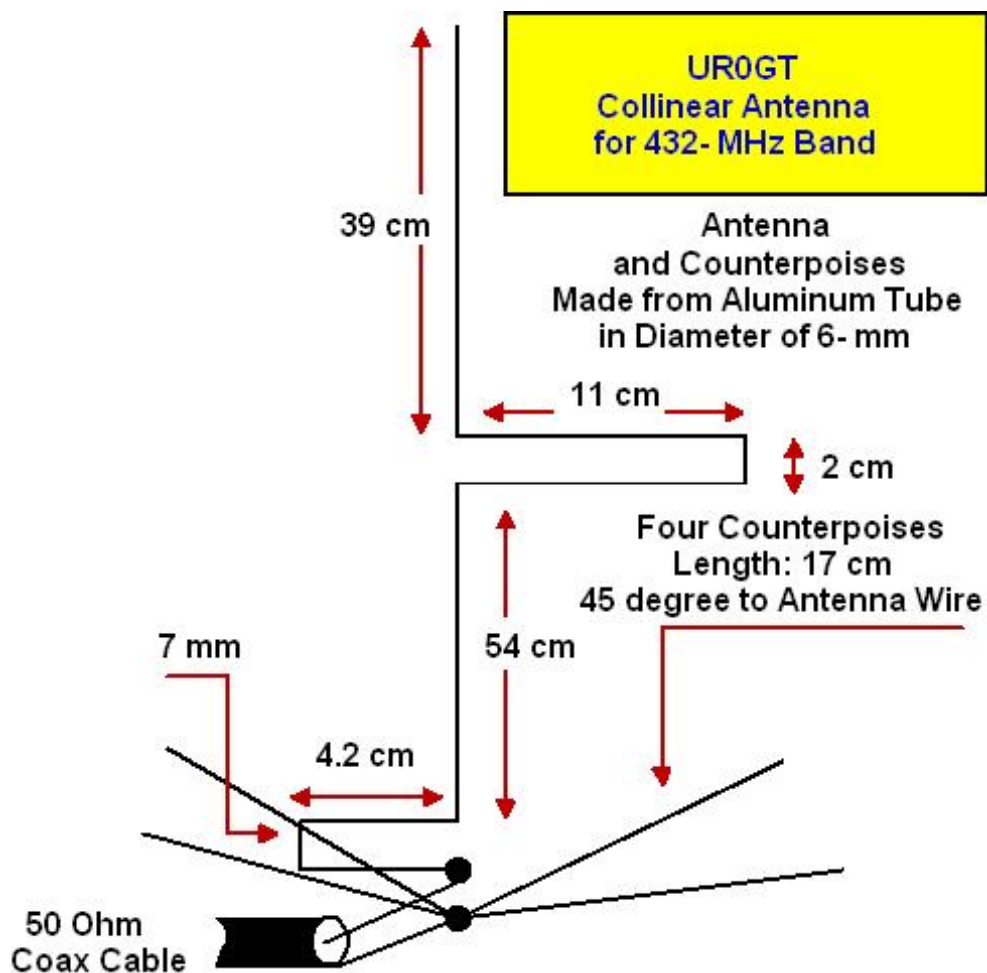
MMANA file below allows you play with the antenna with conditions on your location.

The MMANA file of the collinear Antenna for 432 - MHz Band may be downloaded at: [http://www.antentop.org/025/ur0gt\\_collinear\\_025.htm](http://www.antentop.org/025/ur0gt_collinear_025.htm)

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**Figure 2** shows Z of the Collinear Antenna for 432- MHz Band. **Figure 3** shows SWR of the Collinear Antenna for 432- MHz Band. **Figure 4** shows DD of the Collinear Antenna for 432- MHz Band.

**73! de UR0GT**



**Figure 1** Collinear Antenna for 432- MHz Band

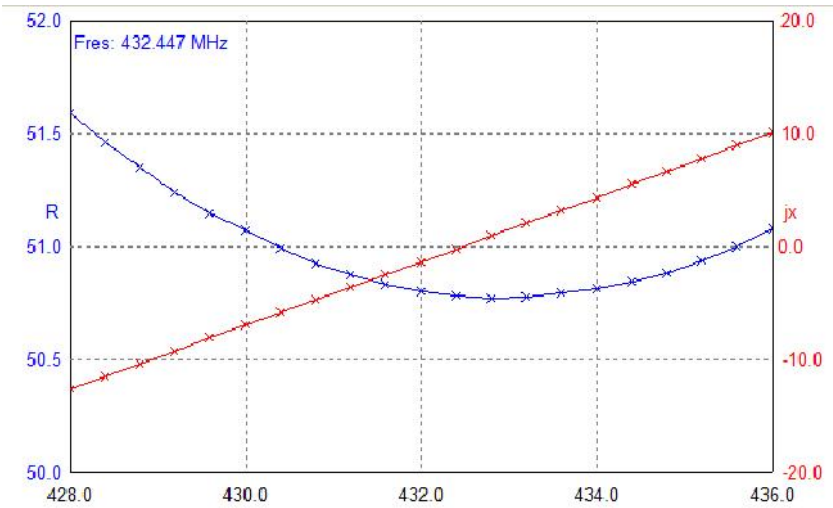


Figure 2 Z of the Collinear Antenna for 432- MHz Band

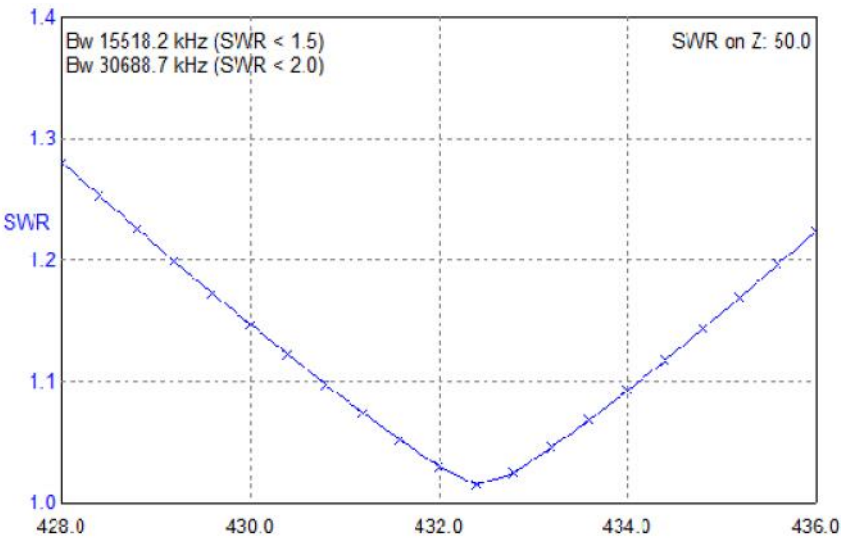


Figure 3 SWR of the Collinear Antenna for 432- MHz Band

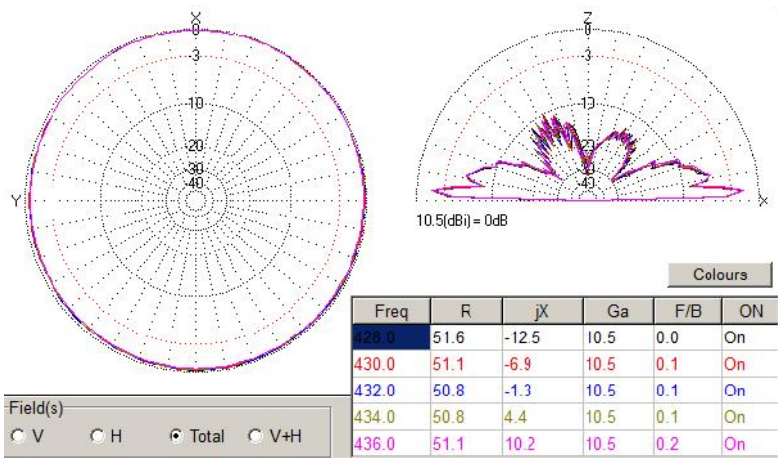


Figure 4 DD of the Collinear Antenna for 432- MHz Band