

Simple Antenna for the 435- MHz Band

The publication is devoted to the memory of UR0GT.

Credit Line: Forum from:
www.cqham.ru

By: Nikolay Kudryavchenko, UR0GT

The question that usually stands before beginner amateur that makes first steps on the 435- MHz band is what antenna should be chosen. Antenna that easy to design has high gain and does not require any tuning. Design of such antenna is shown on **Figure 1**.

Figure 2 shows Z of the Simple Antenna for the 435- MHz Band. **Figure 3** shows SWR of the Simple Antenna for the 435- MHz Band. **Figure 4** shows DD of the Simple Antenna for the 435- MHz Band.

73! Nick, UR0GT

The antenna may be made of wire in diameter 3- 10 mm (not critical). Antenna has high gain, does not require adjustments and the parameters are not influenced by near environment.

The MMANA model of the Simple Antenna for the 435- MHz Band may be loaded: http://www.antentop.org/022/435_ur0gt_022.htm

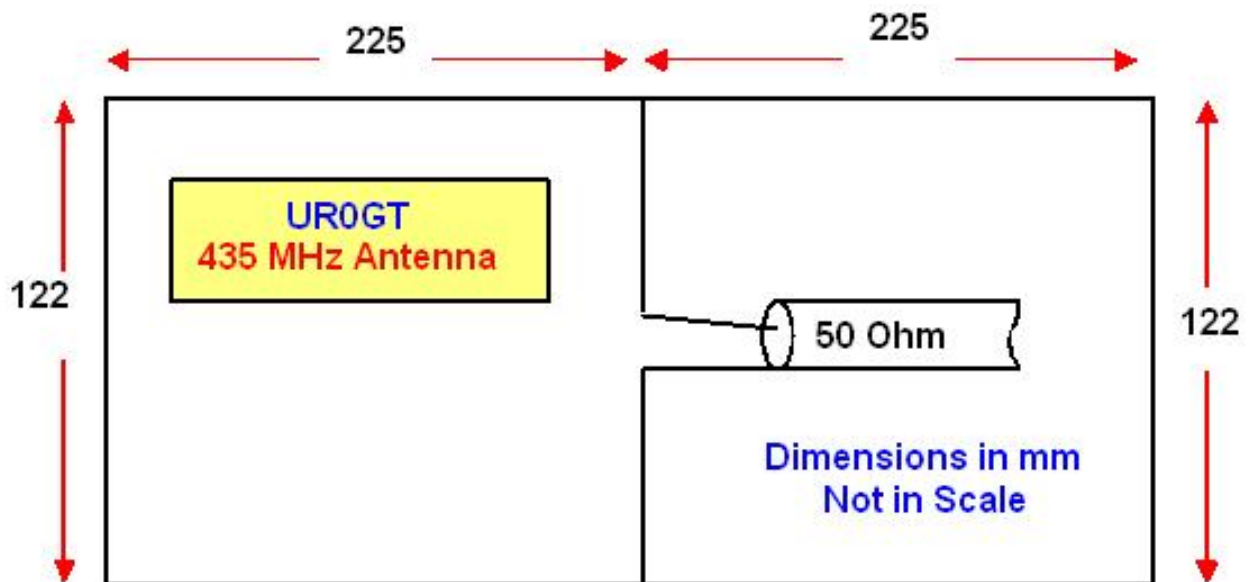


Figure 1 Simple Antenna for the 435- MHz Band



www.cqham.ru

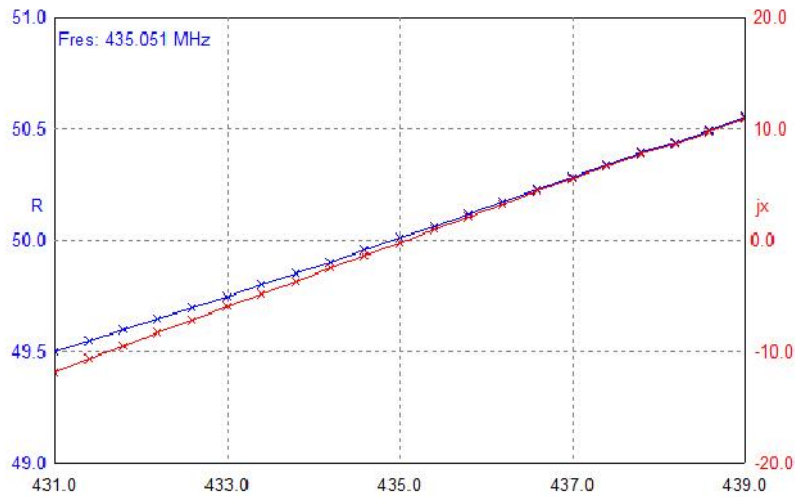


Figure 2
Z of the Simple Antenna for the 435- MHz Band

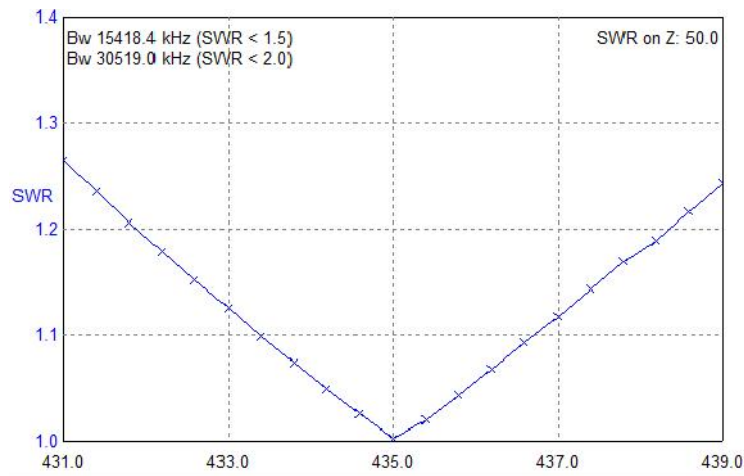


Figure 3
SWR of the Simple Antenna for the 435- MHz Band

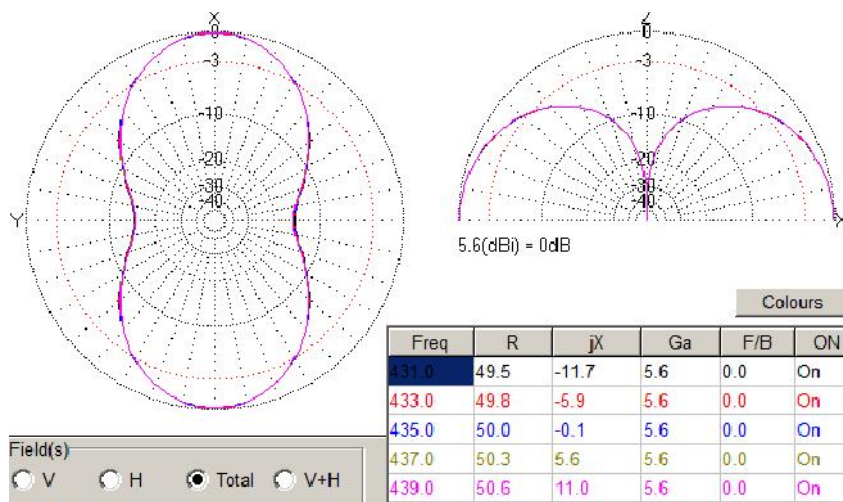


Figure 4
DD of the Simple Antenna for the 435- MHz Band