

# 4- Element YAGI Antenna for the 20- meter Band

The publication is devoted to the memory of UR0GT.

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The simple 4- Element YAGI Antenna for the 20- meter Band has very stable parameters. Antenna has SWR less the 1.1:1 at 14.0- 14.35- MHz. Antenna has input impedance 50 Ohm. The antenna may be made of aluminum tube in diameter of 30- mm. Antenna has high gain, and very easy for tuning.

Figure 2 shows Z of the 4- Element YAGI Antenna for the 20- meter Band. Figure 3 shows SWR of the 4- Element YAGI Antenna for the 20- meter Band. Figure 4 shows DD of the 4- Element YAGI Antenna for the 20- meter Band. Antenna was placed (in the MMANA) at 18 meter above a real ground.

Design of the 4- Element YAGI Antenna for the 20- meter Band is shown on Figure 1.

73! Nick, UR0GT

The MMANA model of the 3- Element Broadband Antenna for the 145- MHz Band may be loaded: [http://www.antentop.org/022/yagi\\_ur0gt\\_022.htm](http://www.antentop.org/022/yagi_ur0gt_022.htm)

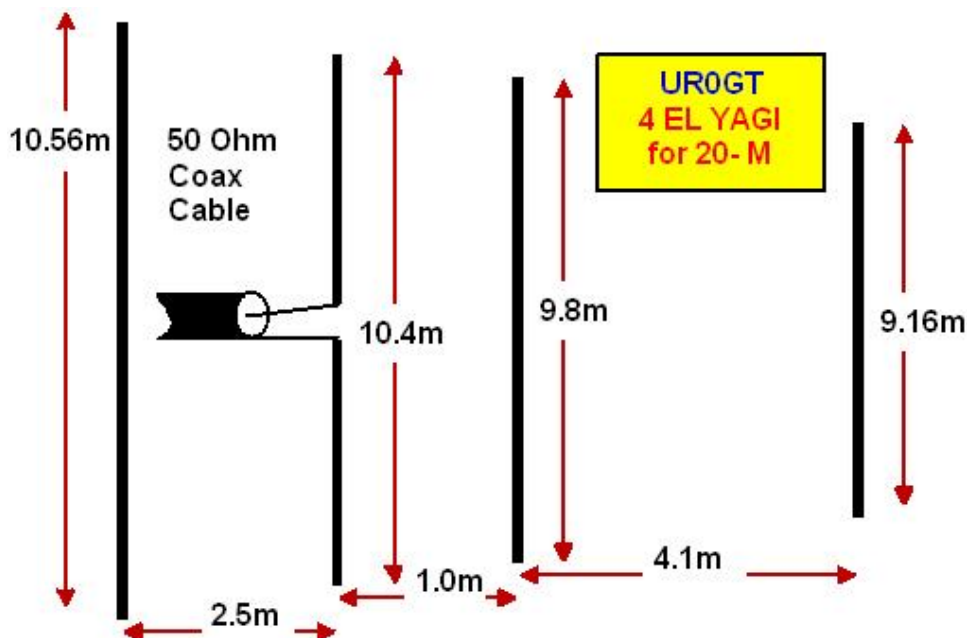


Figure 1  
4- Element YAGI Antenna for the 20- meter Band



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

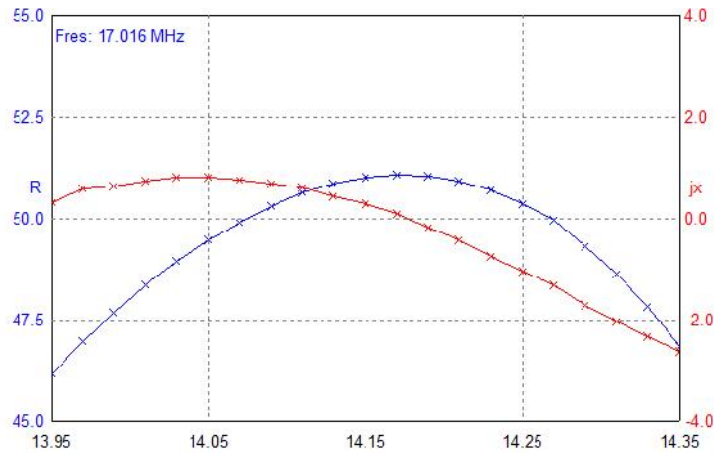


Figure 2

Z of the 4- Element YAGI Antenna for the 20- meter Band

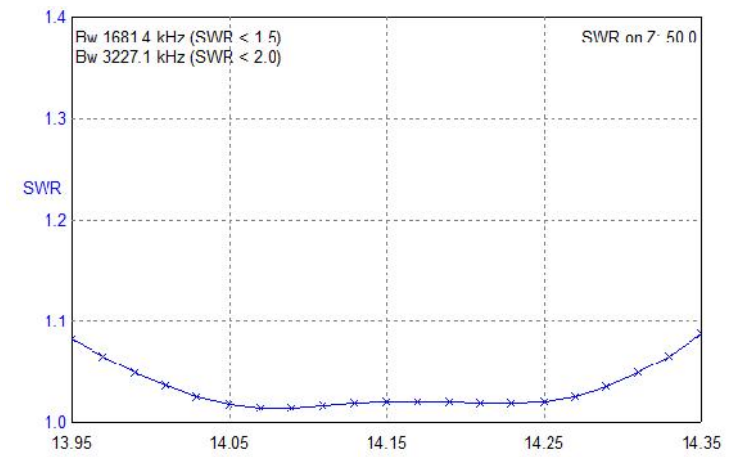


Figure 3

SWR of the 4- Element YAGI Antenna for the 20- meter Band

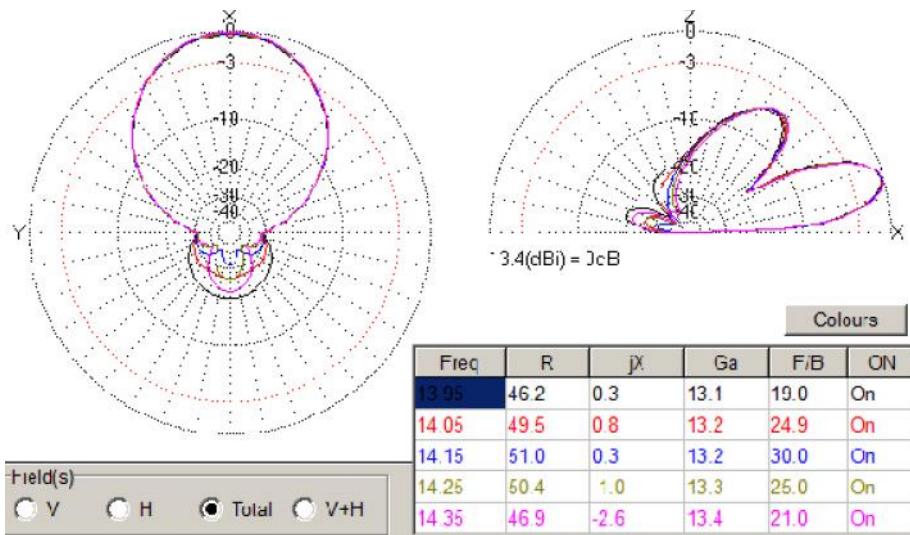


Figure 4

DD of the 4- Element YAGI Antenna for the 20- meter Band