

RN3DEK Two Element YAGI Antenna for the 50- MHz Band

Credit Line: Forum from:
www.cqham.ru

By: Yuriy Skutelis, RN3DEK

The Simple Two Element YAGI antenna with tapering elements is easy to do and easy to tune. Base of the antenna is two tubes in diameter of 15- mm. Additional tubes in diameter of 13- mm allow tune the antenna in the resonance at the desired frequency at the 50- MHz band. Design of the simple two element YAGI Antenna shown on the **Figure 1**.

File MMANA allows play with the antenna according to the height above the ground and the material of the antenna.

Figure 2 shows Z of the Simple Two Element YAGI antenna for 50- MHz Band. **Figure 3** shows SWR of the Simple Two Element YAGI antenna for 50- MHz Band. **Figure 4** shows DD of the Simple Two Element YAGI antenna for 50- MHz Band.

73! de RN3DEK

The MMANA model of the Simple Two Element YAGI antenna for the 50- MHz Band may be downloaded at: http://www.antentop.org/025/RN3DEK_2EL_YAGI_025.htm

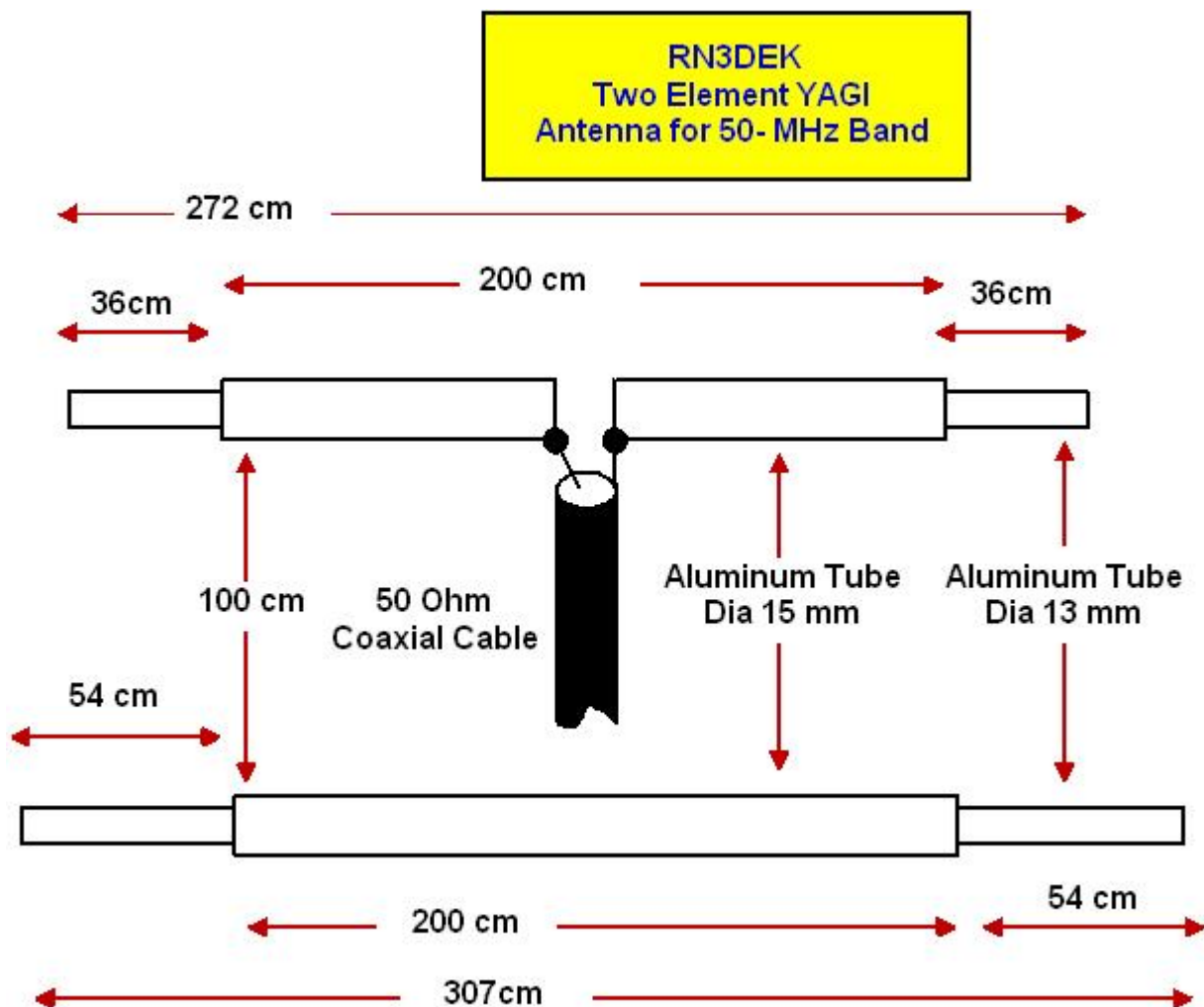


Figure 1 RN3DEK Simple Two Element YAGI antenna for the 50- MHz Band

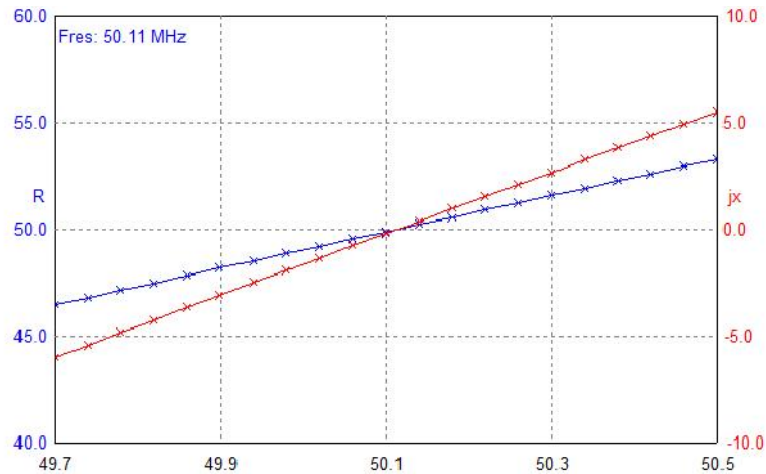


Figure 2 Z of the Simple Two Element YAGI antenna for the 50- MHz Band

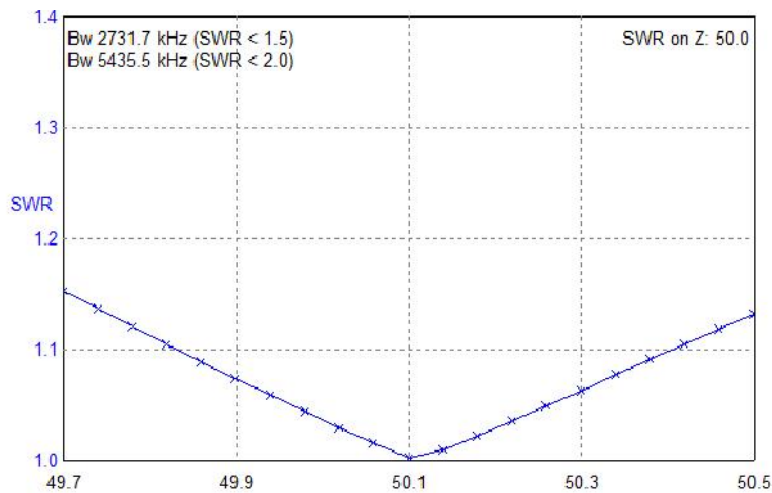


Figure 3 SWR of the Simple Two Element YAGI antenna for the 50- MHz

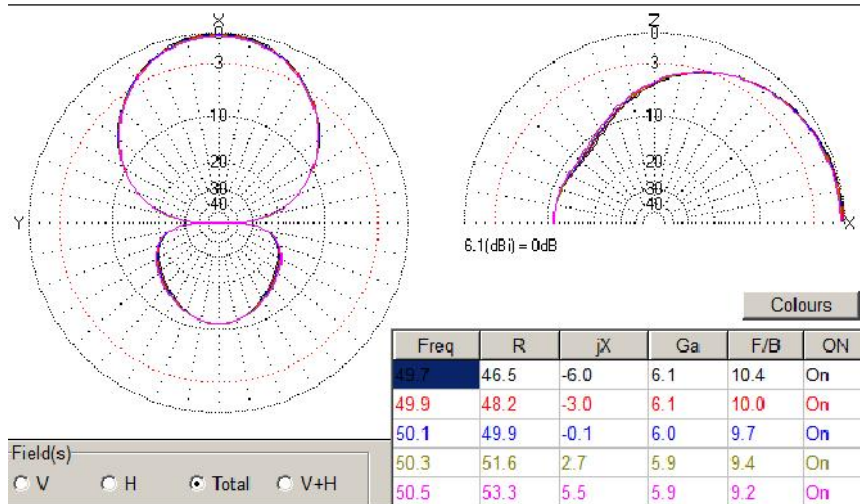


Figure 4 DD of the Simple Two Element YAGI antenna for the 50- MHz Band