

2 Element Tin Woodman Antenna for the 50- MHz Band

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Credit *Line: Forum at cqham.ru*

There is presented 2 elements directional antenna for the 50- MHz Band. The antenna is very simple in design. All elements of the antenna are electrically closed and connected to metal traverse so the antenna is safe in lighting period. Antenna has good SWR at good F/B ratio at the band. Antenna has 50- Ohm input impedance that allows feed the antenna directly by 50- Ohm coaxial cable. Antenna allows to be made with some tolerance. Antenna installed on a mast in 5 meter high.

Figure 1 shows schematic of the antenna.

Figure 2 shows Z of the 2 Element Tin Woodman Antenna for the 50- MHz Band. **Figure 3** shows SWR of the 2 Element Tin Woodman Antenna for the 50- MHz Band. **Figure 5** shows DD of the 2 Element Tin Woodman Antenna for the 50- MHz Band.

73! de RW4HFN

MMANA File of the 2 Element Tin Woodman Antenna for the 50- MHz Band may be downloaded at:

http://www.antentop.org/022/2_el_RW4HFN_50mhz_022.htm

At the page you may download MMANA file for the antenna with symmetrical feeding and MMANA file for the antenna with length of the beam in 1.2 meter as well with unbalanced and balanced feeding.

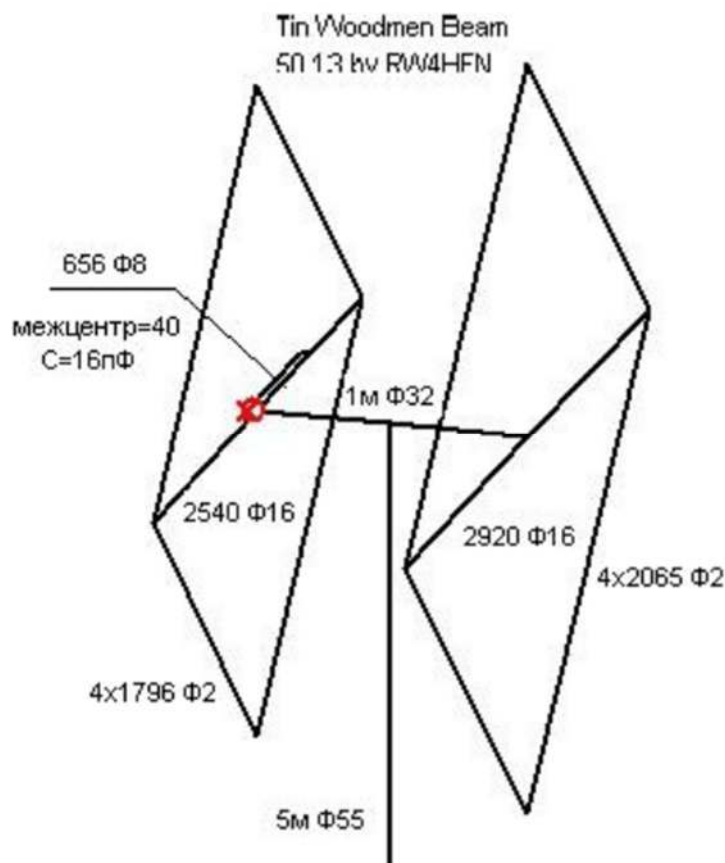


Figure 1

2 Element Tin Woodman Antenna for the 50- MHz Band

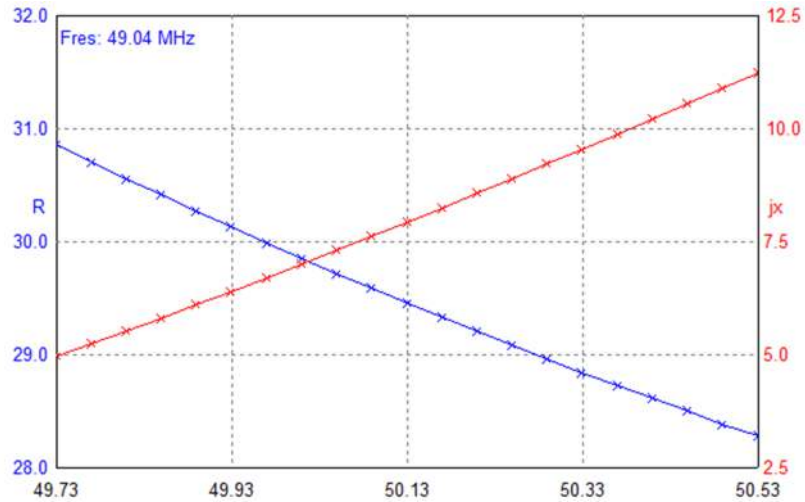


Figure 2 Z of the 2 Element Tin Woodman Antenna for the 50- MHz Band

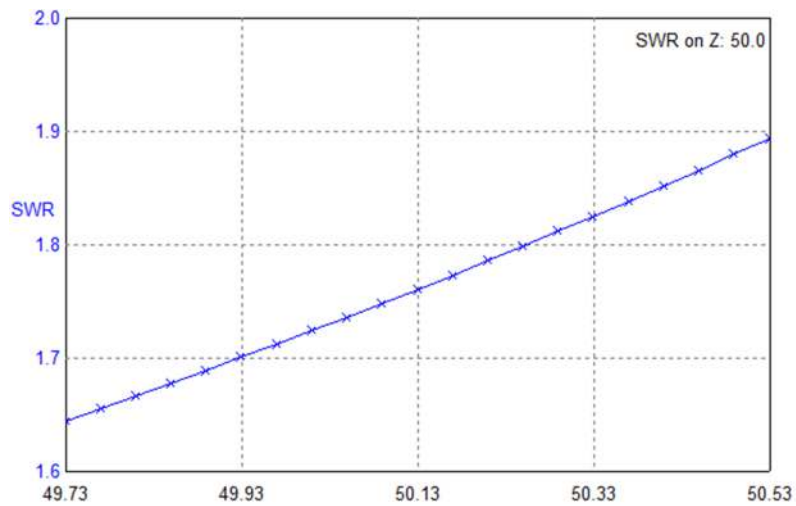


Figure 3 SWR of the 2 Element Tin Woodman Antenna for the 50- MHz Band

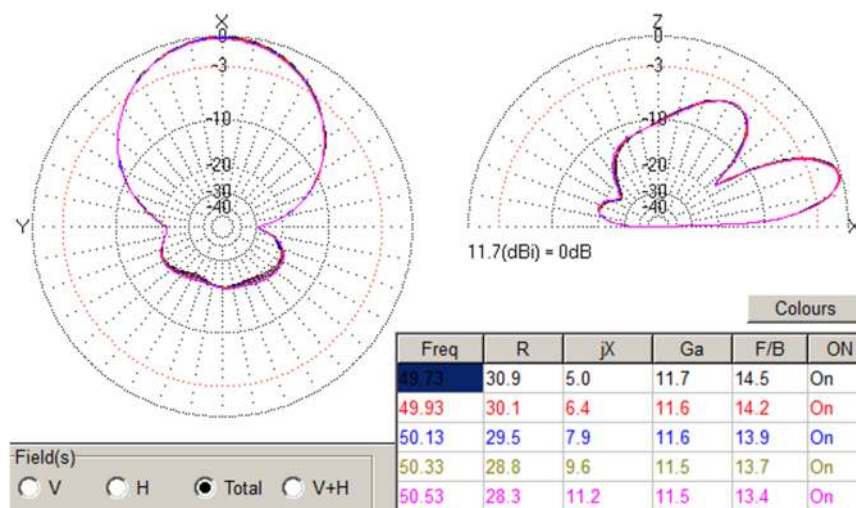


Figure 4 DD of the 2 Element Tin Woodman Antenna for the 50- MHz Band