

Tin Woodman Antenna for the 50- MHz Band

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Credit Line: Forum at cqham.ru

There is presented Tin Woodman Antenna for the 50- MHz Band. The antenna is very simple in design. The antenna is electrically closed so this one is safe in a lightning period. Antenna has good SWR 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 6 meter high.

Figure 1 shows schematic of the Tin Woodman Antenna for the 50- MHz Band.

Antenna is fed through a Gamma match with capacitor in 11- pF (should be found the precious value at tuning) connected in serial.

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

73! de RW4HFN

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

http://www.antentop.org/022/RW4HFN_50mhz_022.htm

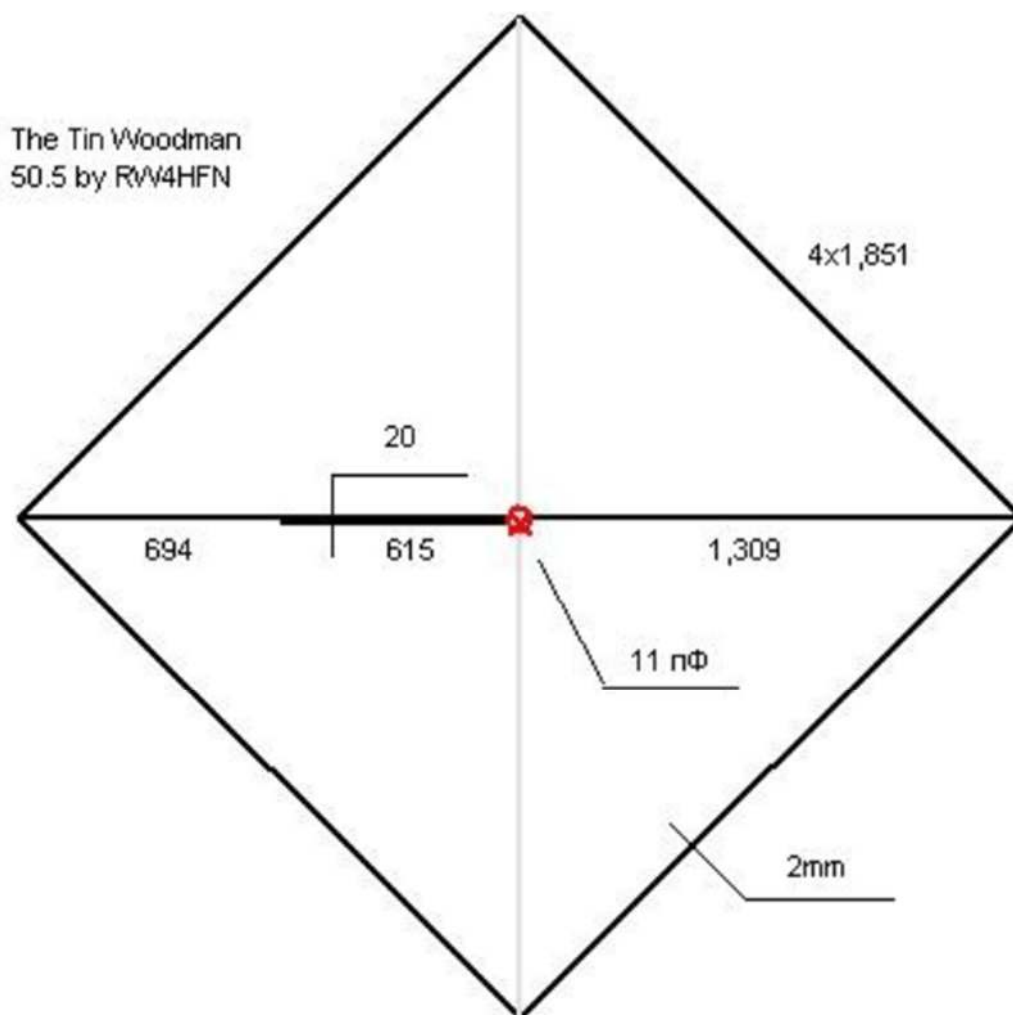


Figure 1

Tin Woodman Antenna for the 50- MHz Band

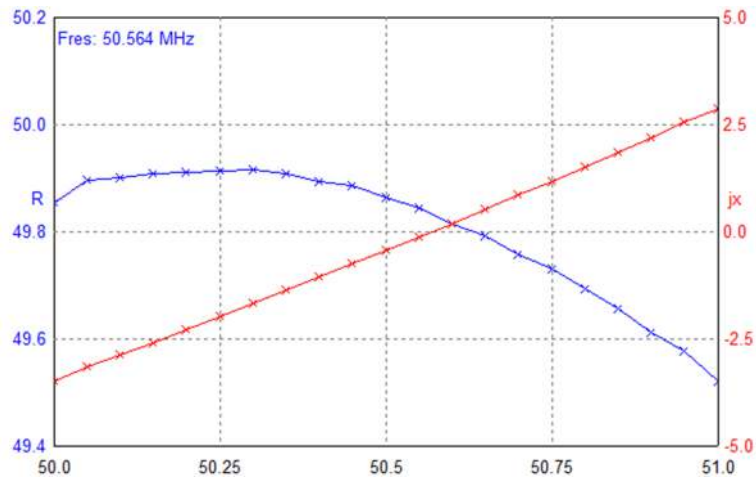


Figure 2 Z of the Tin Woodman Antenna for the 50- MHz Band

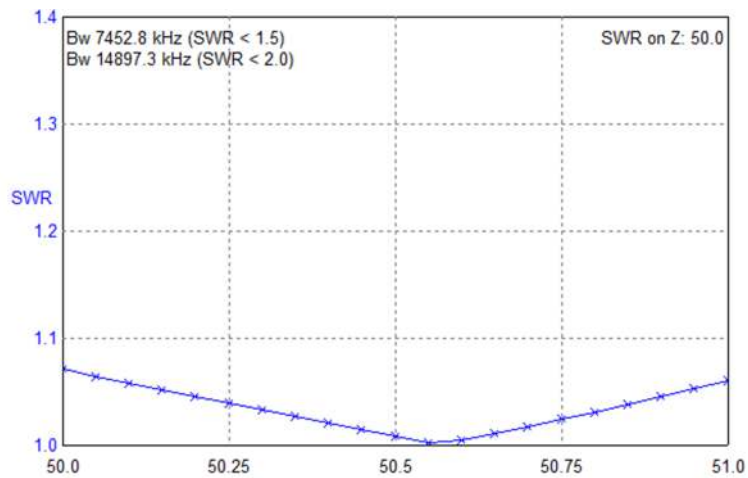


Figure 3 SWR of the Tin Woodman Antenna for the 50- MHz Band

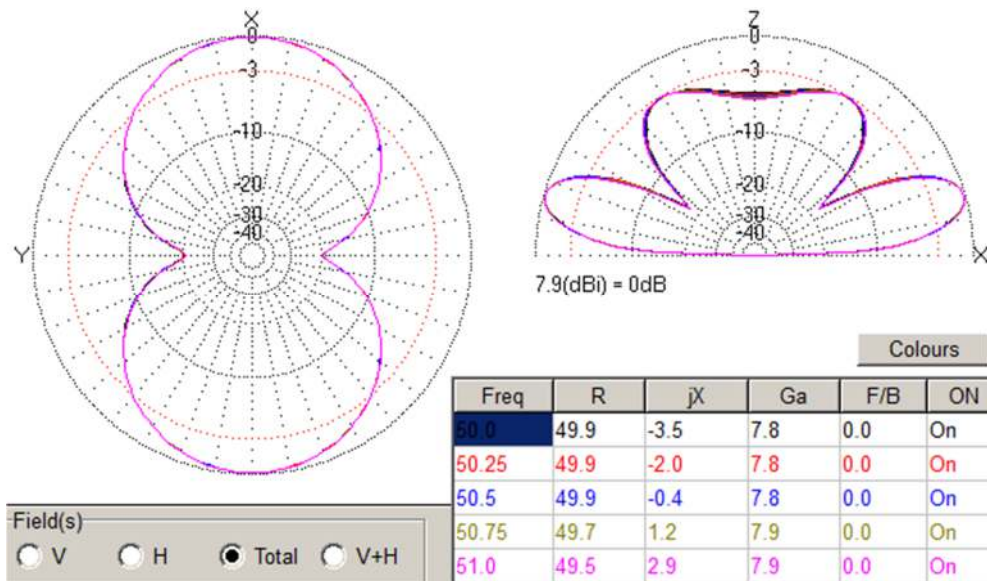


Figure 4 DD of the Tin Woodman Antenna for the 50- MHz Band