

RW4HFN Pyramidon Antenna for the 50- MHz Band

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By: Igor Vakhreev, RW4HFN

The antenna, named as Pyramidon Antenna, is very simple to do. It is a broadband antenna so it is cover a wide range of the 50- MHz band and the antenna is not critical to the dimension. **Figure 1** shows design of the antenna.

Two wires in 0.92-m allow tune the resonance of the antenna along the 50- MHz band.

Figure 2 shows Z of the Pyramidon Antenna for 50- MHz Band. **Figure 3** shows SWR of the Pyramidon Antenna for 50- MHz Band. **Figure 4** shows DD of the Pyramidon Antenna for 50- MHz Band.

Antenna is installed at 3.1 meter height plastic mast. However the antenna is not critical to height above the ground and material of the mast and may be installed at metal mast. File MMANA allows play with the antenna according to the height above the ground and the material of the mast.

73! de RW4HFN

The MMANA model of Pyramidon Antenna for the 50- MHz Band: http://www.antentop.org/025/RW4HFN_PRMD_025.htm

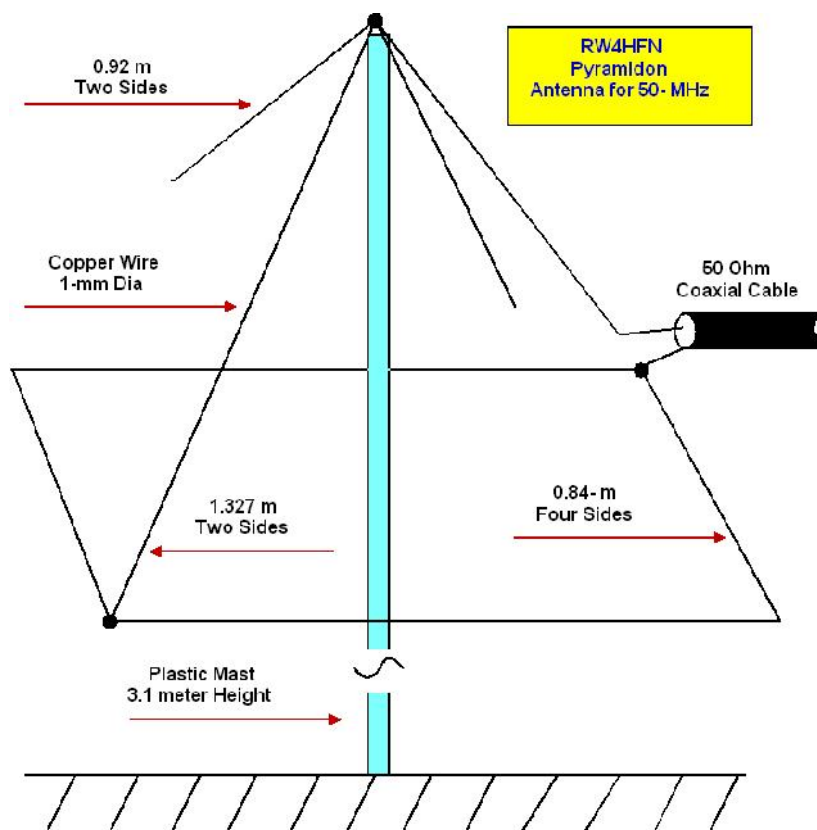


Figure 1 Pyramidon Antenna for the 50- MHz Band

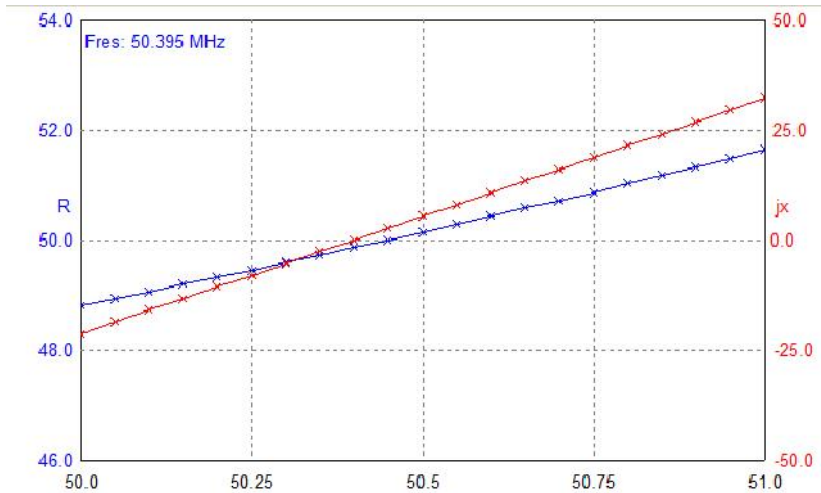


Figure 2 Z of the Pyramidon Antenna for the 50- MHz Band

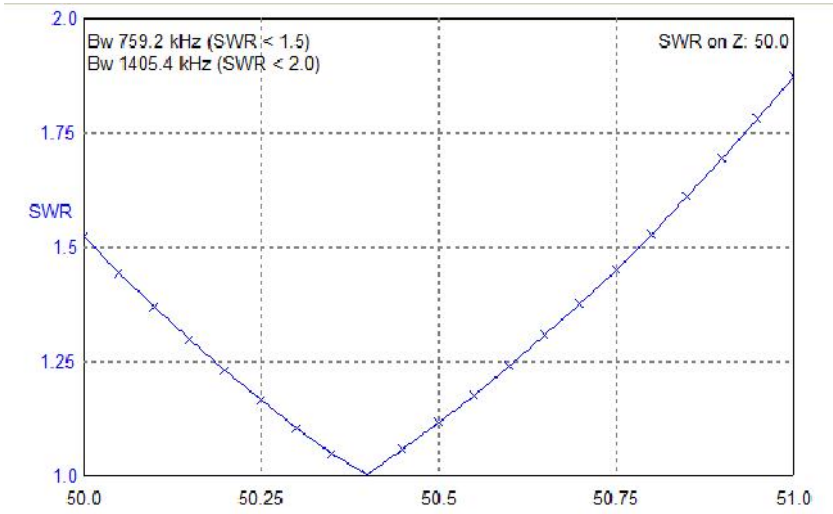


Figure 3 SWR of the Pyramidon Antenna for the 50- MHz

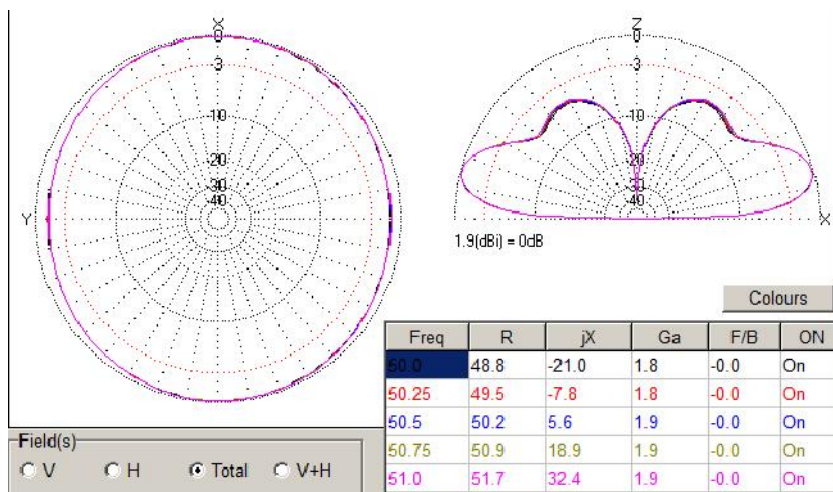


Figure 4 DD of the Pyramidon Antenna for the 50- MHz Band