

Stub Vertical Antenna for for the 6- and 2- meter Band

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Below described simple dual band vertical antenna for the 6- and 2- meter Band. Model of the antenna was simulated by RW4HFN. Antenna may be made from a rigid copper/aluminum wire. Antenna does not require any tuning elements. Antenna made according to the description already should work at the two bands.

Figure 1 shows design of the antenna.

The MMANA model of the Simple Three Element Vertical Antenna for the 2- meter Band may be loaded: http://www.antentop.org/020/stub_vertical_rw4hfn_020.htm

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Figure 2 shows Z of the antenna at the 2- meter band. **Figure 3** shows SWR of the antenna at the 2- meter band. **Figure 4** shows DD of the antenna at the 2- meter band.

Figure 5 shows Z of the antenna at the 6- meter band. **Figure 6** shows SWR of the antenna at the 6- meter band. **Figure 7** shows DD of the antenna at the 6- meter band.

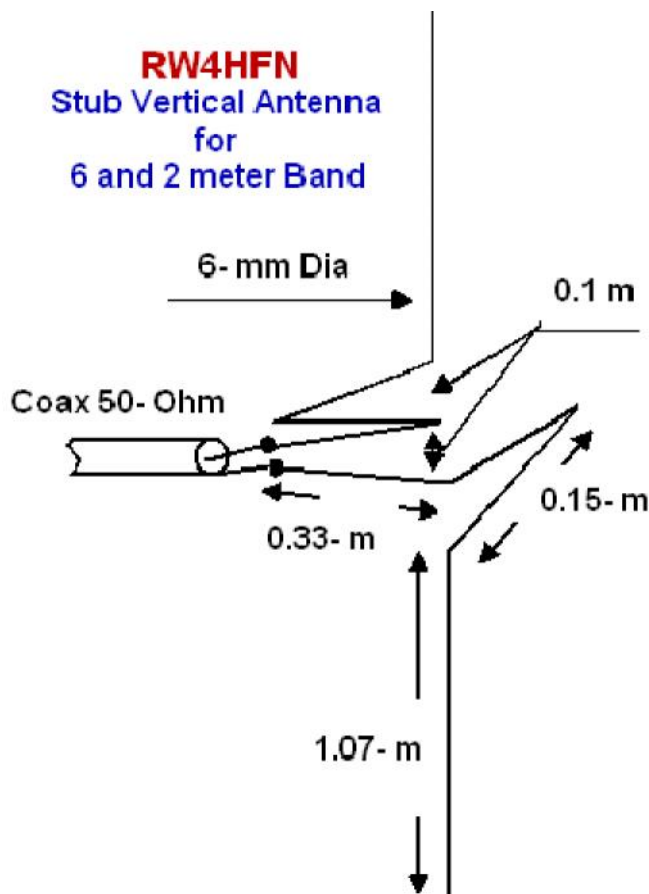


Figure 1 Stub Vertical Antenna for the 6- and 2- meter Band

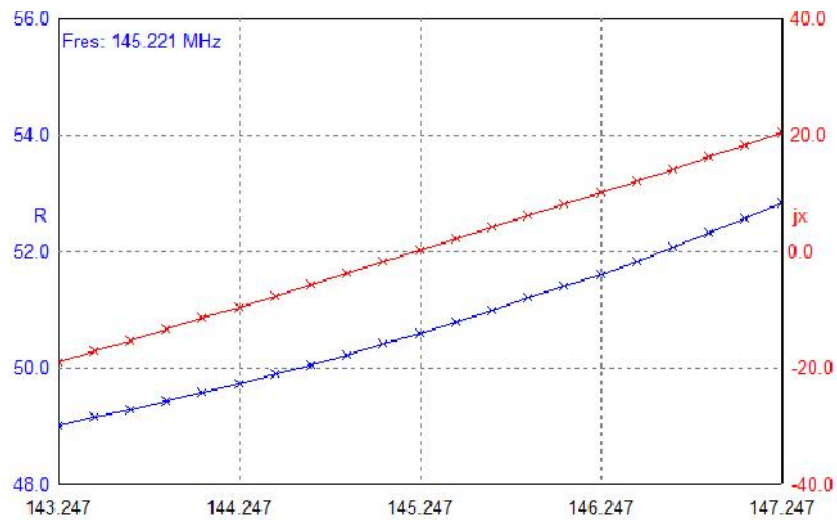


Figure 2 Z of the Stub Vertical Antenna for the 6- and 2- meter Band at the 2- meter Band

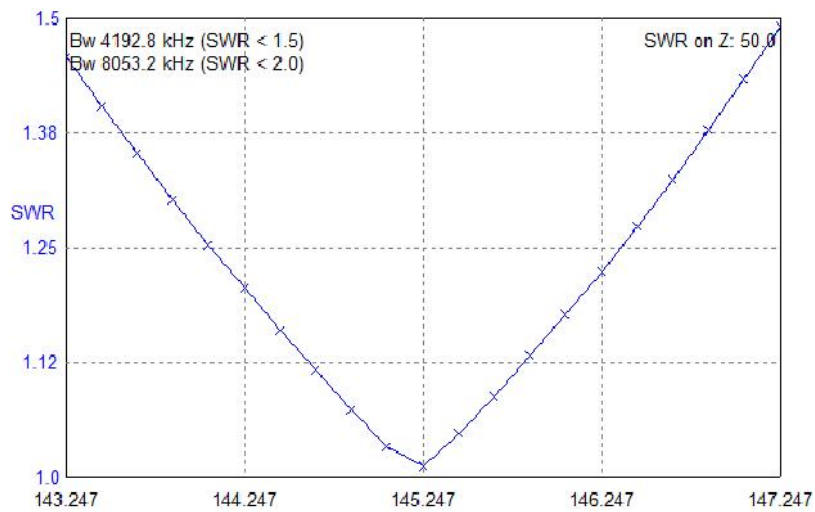


Figure 3 SWR of the Stub Vertical Antenna for the 6- and 2- meter Band at the 2- meter Band

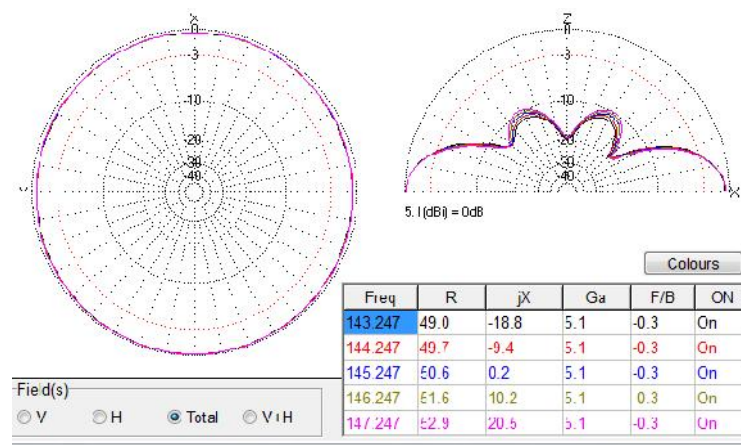


Figure 4 DD of the Stub Vertical Antenna for the 6- and 2- meter Band at the 2- meter Band

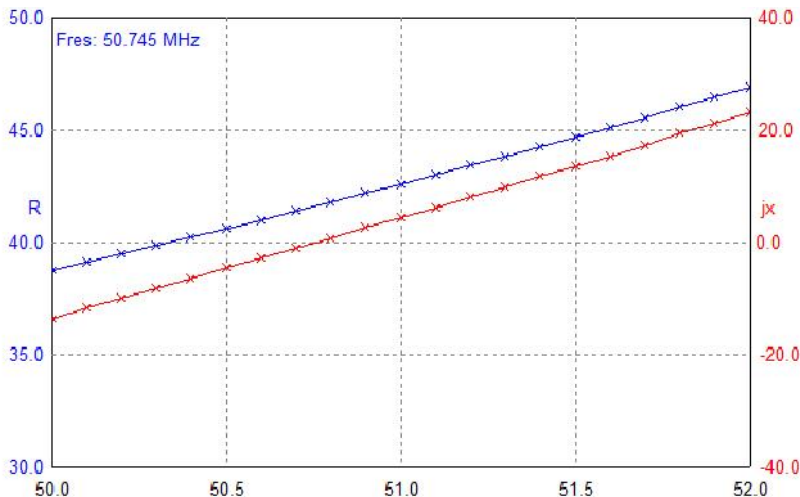


Figure 5 Z of the Stub Vertical Antenna for the 6- and 2- meter Band at the 6- meter Band

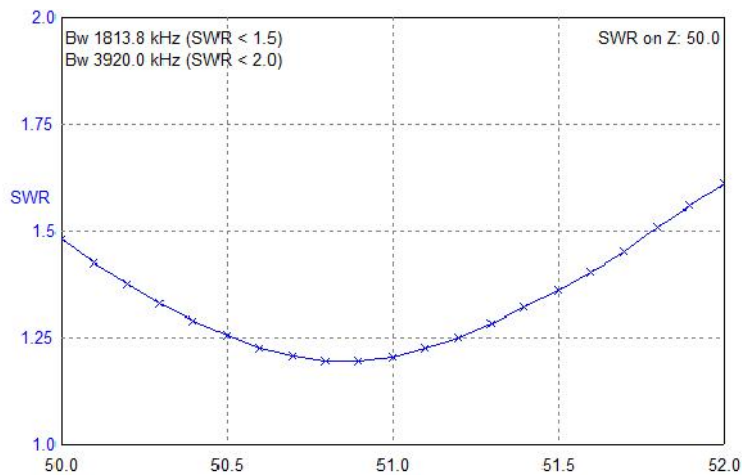


Figure 6 SWR of the Stub Vertical Antenna for the 6- and 2- meter Band at the 2- meter Band

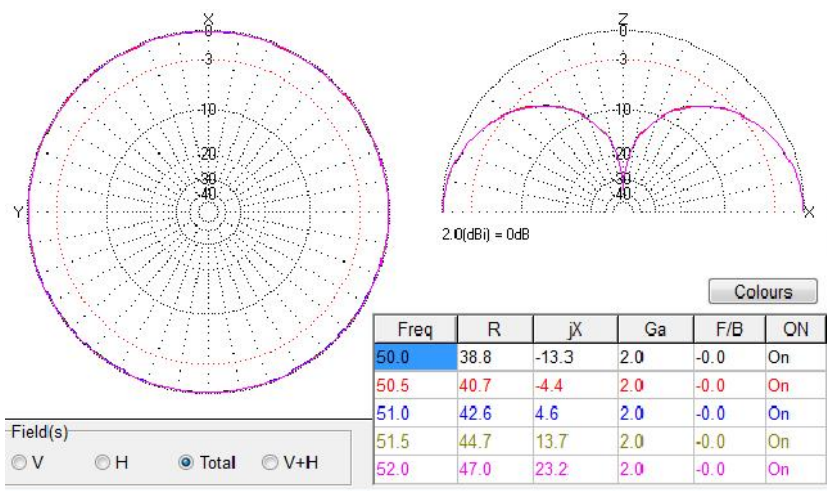


Figure 7 DD of the Stub Vertical Antenna for the 6- and 2- meter Band at the 2- meter Band