

Delta Loop for 40- and 20- meter Bands

The publication is devoted to the memory UR0GT

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Antenna has good SWR on both 40 and 20- meter Bands. Antenna placed on distance 2- meter above real ground. Input impedances of the antenna on both bands depend on distance above the ground and condition of the ground.

Figure 1 shows design of the antenna. **Figure 2** shows input impedance of the antenna on the 40- meter band. **Figure 3** shows SWR of the antenna on the 40- meter band. **Figure 4** shows DD of the antenna on the 40- meter band.

Figure 5 shows input impedance of the antenna on the 20- meter band. **Figure 6** shows SWR of the antenna on the 20- meter band. **Figure 7** shows DD of the antenna on the 20- meter band. Diagrams at Figures 2 to Figures 7 showed for antenna placed on 2- meter under real ground.

The MMANA model of the Delta Loop for 40- and 20- meter Band may be loaded:

http://www.antentop.org/016/delta_016.htm

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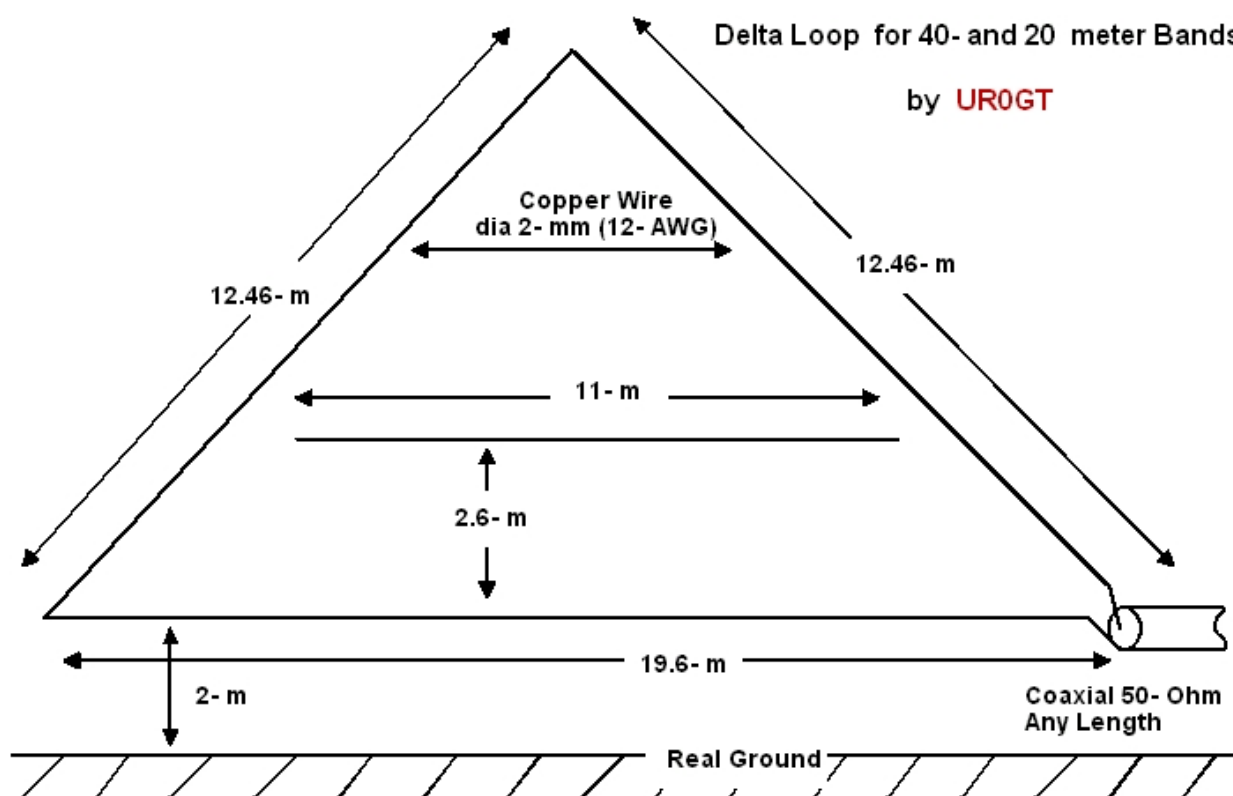


Figure 1 Design of the Delta Loop for 40- and 20- meter Band

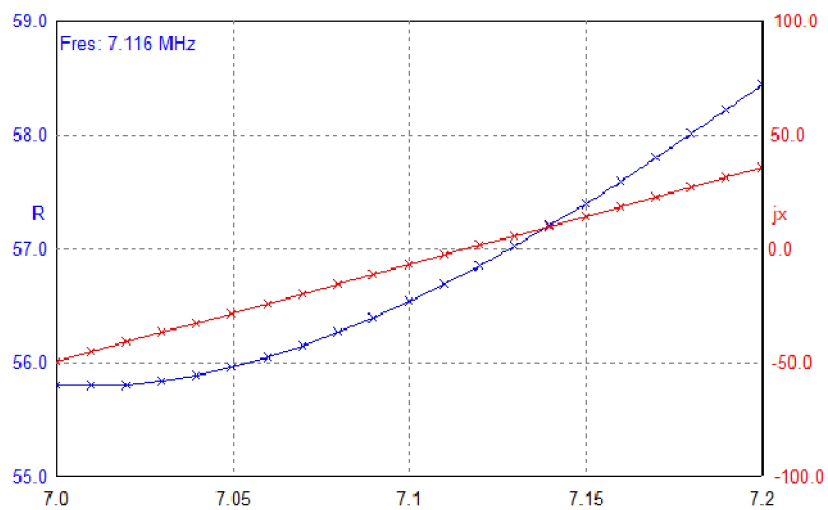


Figure 2 Input Impedance of the Antenna on the 40- meter Band

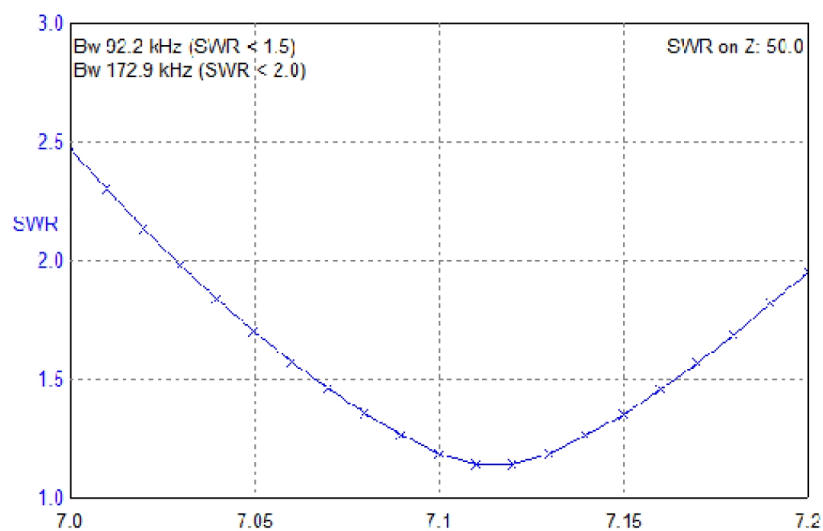


Figure 3 SWR of the Antenna on the 40- meter Band

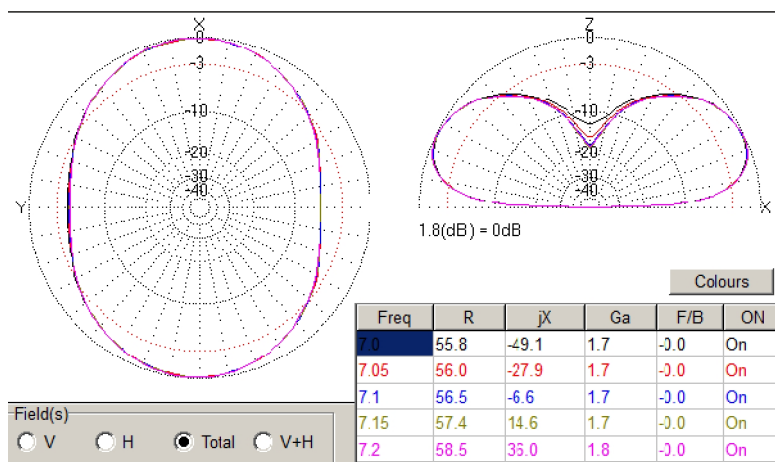


Figure 4 DD of the Antenna on the 40- meter Band

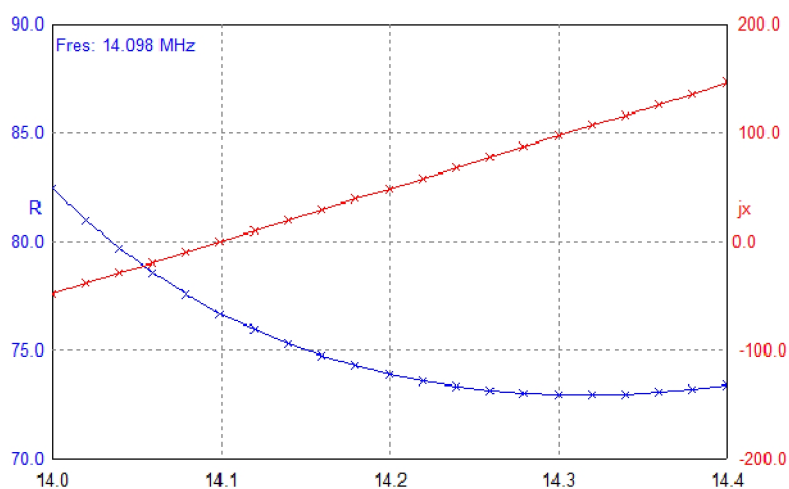


Figure 5 Input Impedance of the Antenna on the 20- meter Band

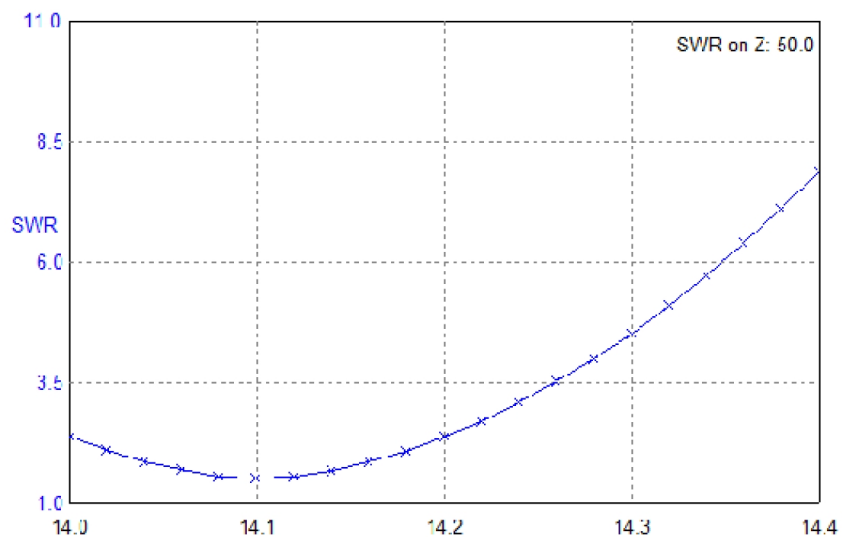


Figure 6 SWR of the Antenna on the 20- meter Band

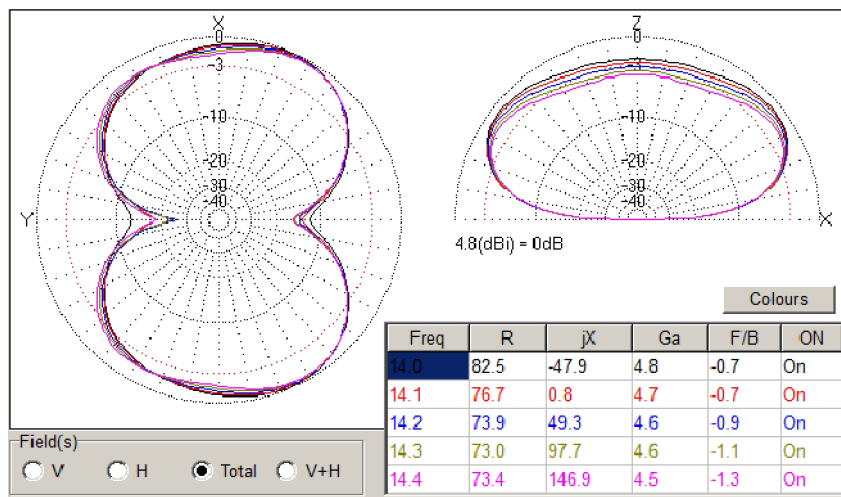


Figure 7 DD of the Antenna on the 20- meter Band