

Twin Delta Antenna for the 2- meter Band

*The publication is devoted to the memory
UR0GT.*

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The simple Twin Delta Antenna works fine at the 2-meter Band. The antenna is enough broadband that does not required hold strictly sizes at the design. Antenna could be made from wide range diameters of wire – 2... 10- mm would be good. Antenna does not require any symmetrical devices.

The antenna has closed loop so it is low noise antenna and the antenna has some protection from static and lightning. Antenna fed through 50- Ohm coaxial cable.

Figure 1 shows design of the antenna. **Figure 2** shows impedance of the antenna (antenna placed at 7- meter above the real ground). **Figure 3** shows SWR of the antenna (antenna placed at 7- meter above the real ground). **Figure 4** shows DD of the antenna (antenna placed at 7- meter above the real ground).

The MMANA file of the Twin Delta Antenna may be loaded: http://www.antentop.org/018/twin_delta_018.htm

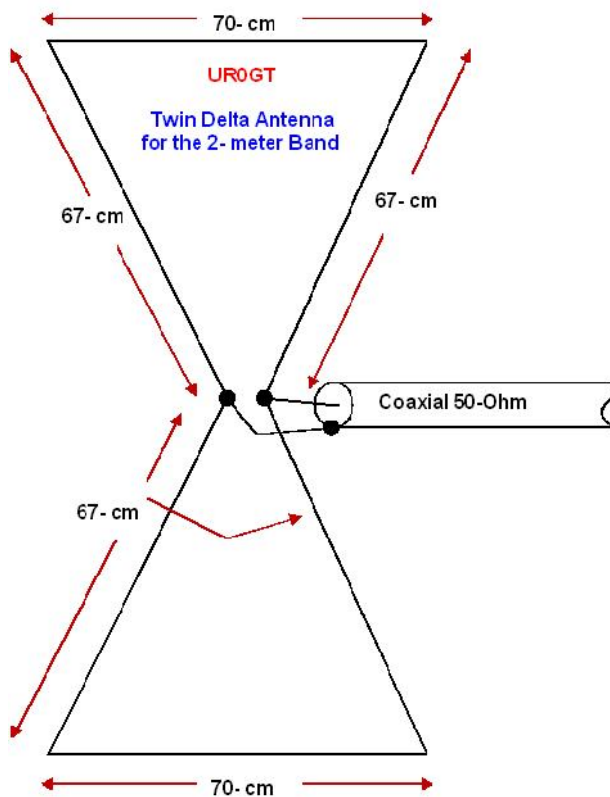


Figure 1 Twin Delta Antenna for the 2- meter Band

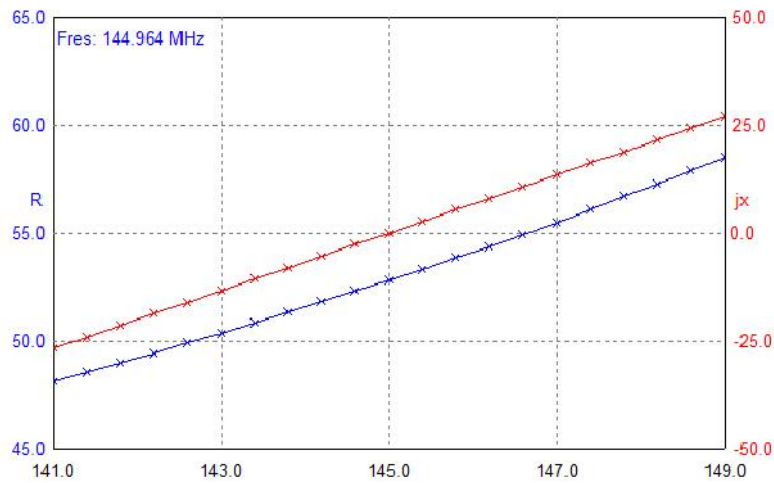


Figure 2 impedance of the Twin Delta Antenna for the 2- meter Band

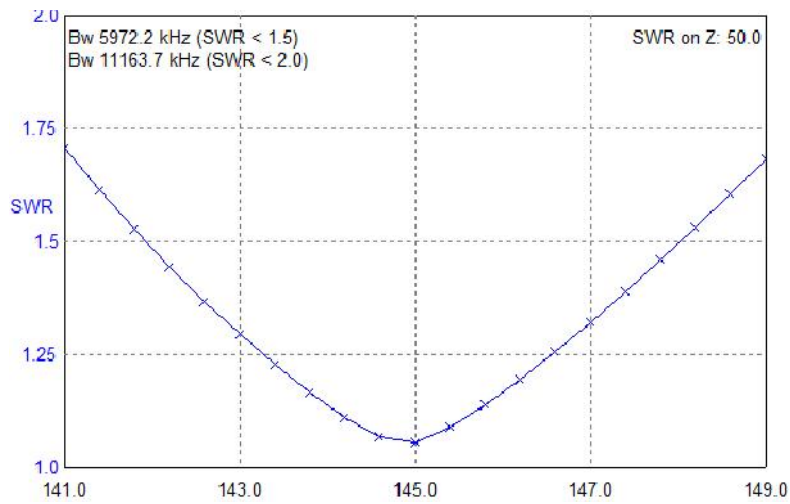


Figure 3 SWR of the Twin Delta Antenna for the 2- meter Band

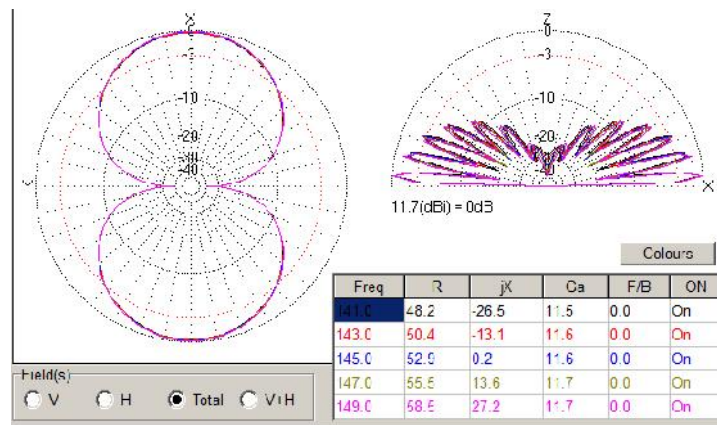


Figure 4 DD of the Twin Delta Antenna for the 2- meter Band

73 Nick