UR0GT Antenna for the 145- and 50- MHz Band

The publication is devoted to the memory UR0GT.

Credit Line: Forum from:
www.cqham.ru

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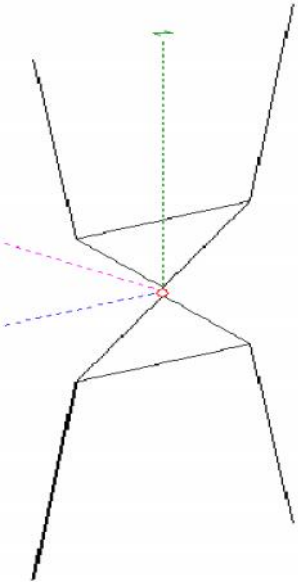
The simple antenna effectively works for 145 and 50- MHz. It is a symmetrical antenna. However, unsymmetrical version of the antenna is still working. For the antenna ground should be used good conductivity surface or several resonance counterpoises for each band.
Figure 1 shows design of the antenna.

Figure 2 shows Z of the antenna on the 50- MHz Band. **Figure 3** shows SWR of the antenna on the 50- MHz Band. **Figure 4** shows DD of the antenna on the 50- MHz Band.

Figure 5 shows Z of the antenna on the 145- MHz Band. **Figure 6** shows SWR of the antenna on the 145- MHz Band. **Figure 7** shows DD of the antenna on the 145- MHz Band.

The MMANA model of the Dual Antenna may be loaded: http: //
www.antentop.org/017/dual_ur0gt_017.htm



73! UR0GT

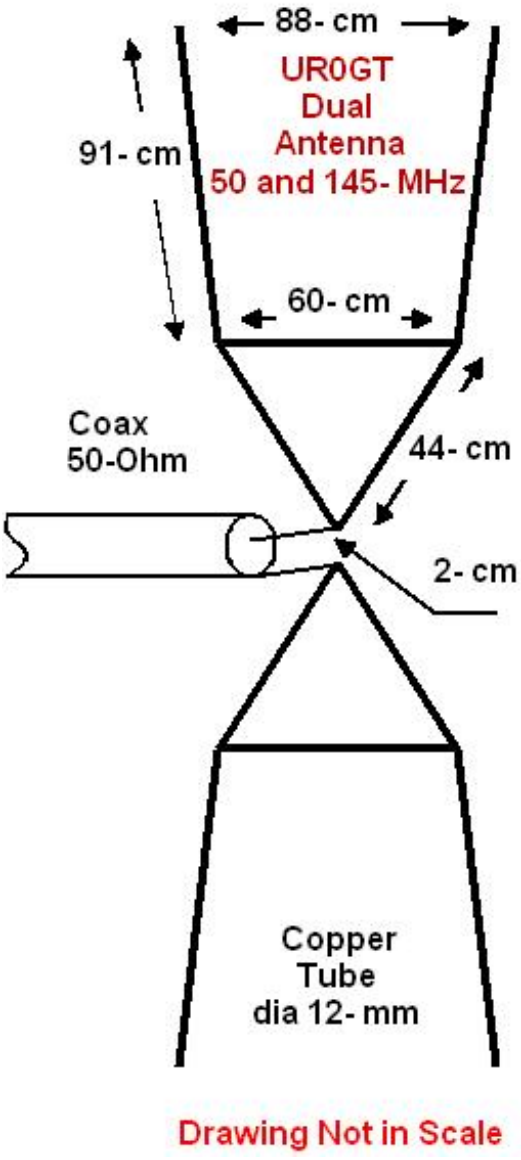


Figure 1 Design of the UR0GT Antenna for the 145 and 50- MHz Band

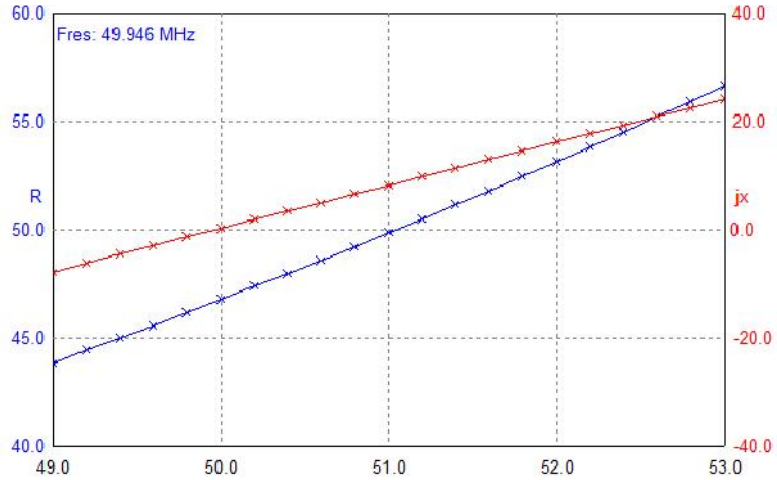


Figure 2 Z of the UR0GT Antenna on the 50- MHz Band

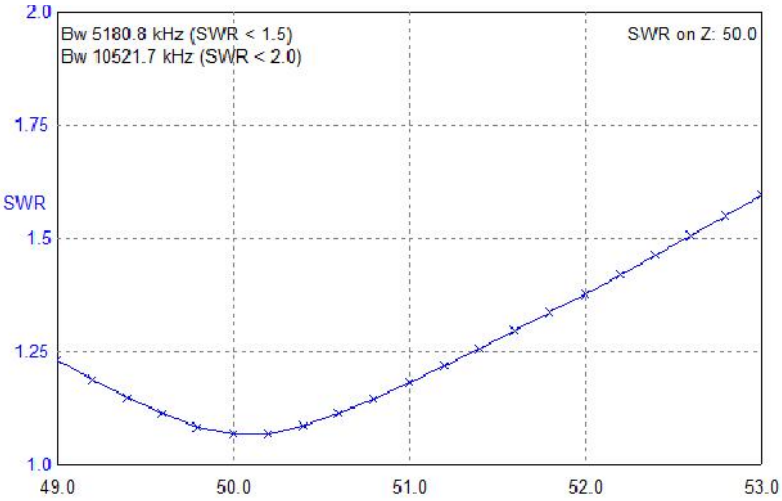


Figure 3 SWR of the UR0GT Antenna on the 50- MHz Band

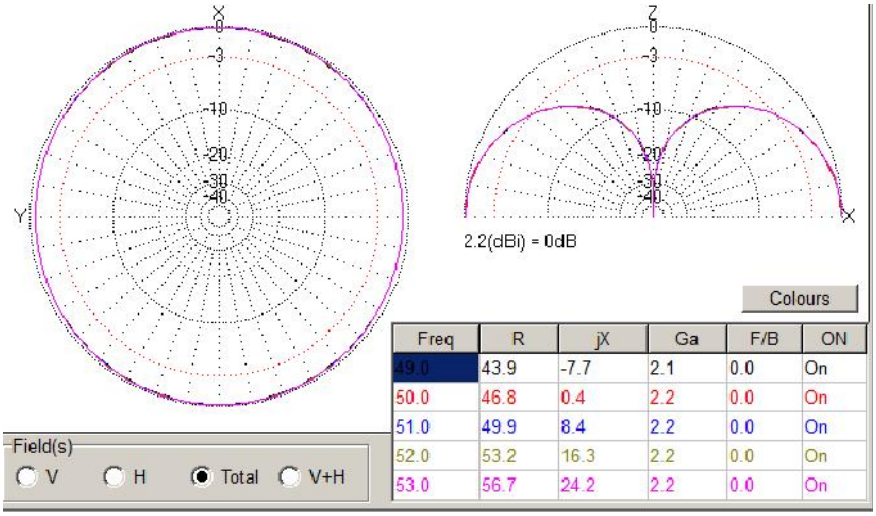


Figure 4 DD of the UR0GTl Antenna on the 50- MHz Band

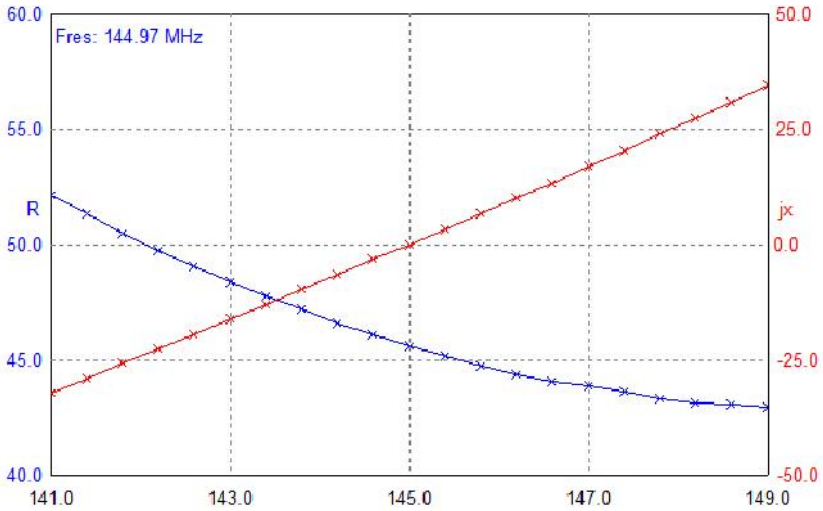


Figure 5 Z of the UR0GT Antenna on the 145- MHz Band

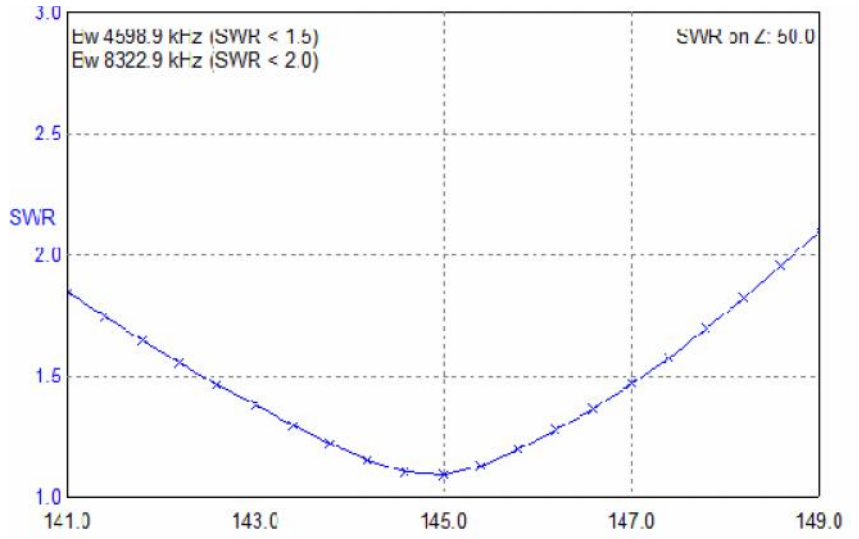


Figure 6 SWR of the UR0GT Antenna on the 145- MHz Band

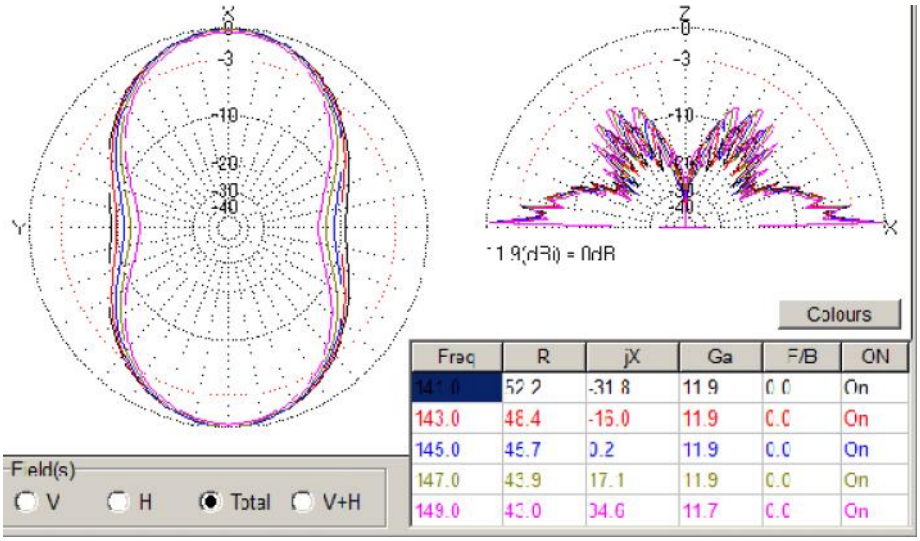


Figure 7 DD of the UR0GT Antenna on the 145- MHz Band