

UR0GT Dual Band Antenna for the 145 and 435- MHz Band

The publication is devoted to the memory UR0GT.

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Dual band antennas for VHF/UHF band made on the base of the J- Antenna are popular among the radio amateurs. **Figure 1** shows one of the design such antenna. The antenna may be made from stuff that is sold in lots of hardware store. The lower parts of the antenna may be made from strip in 80- mm wide. Antenna may be made from aluminum or copper material.

Figure 2 shows Z of the Dual Band Antenna at the 145 MHz Band. **Figure 3** shows SWR of the Dual Band Antenna at the 145 MHz Band. **Figure 4** shows DD of the Dual Band Antenna at the 145 MHz Band. **Figure 5** shows Z of the Dual Band Antenna at the 435 MHz Band. **Figure 6** shows SWR of the Dual Band Antenna at the 435 MHz Band. **Figure 7** shows DD of the Dual Band Antenna at the 435 MHz Band.

File MMANA allows play with the antenna according to the height above the ground and the material of the antenna.

73! de UR0GT

The MMANA models of the Dual Band Antenna for the 145 and 435- MHz Band may be downloaded at: http://www.antentop.org/025/UR0GT_145_435_025.htm

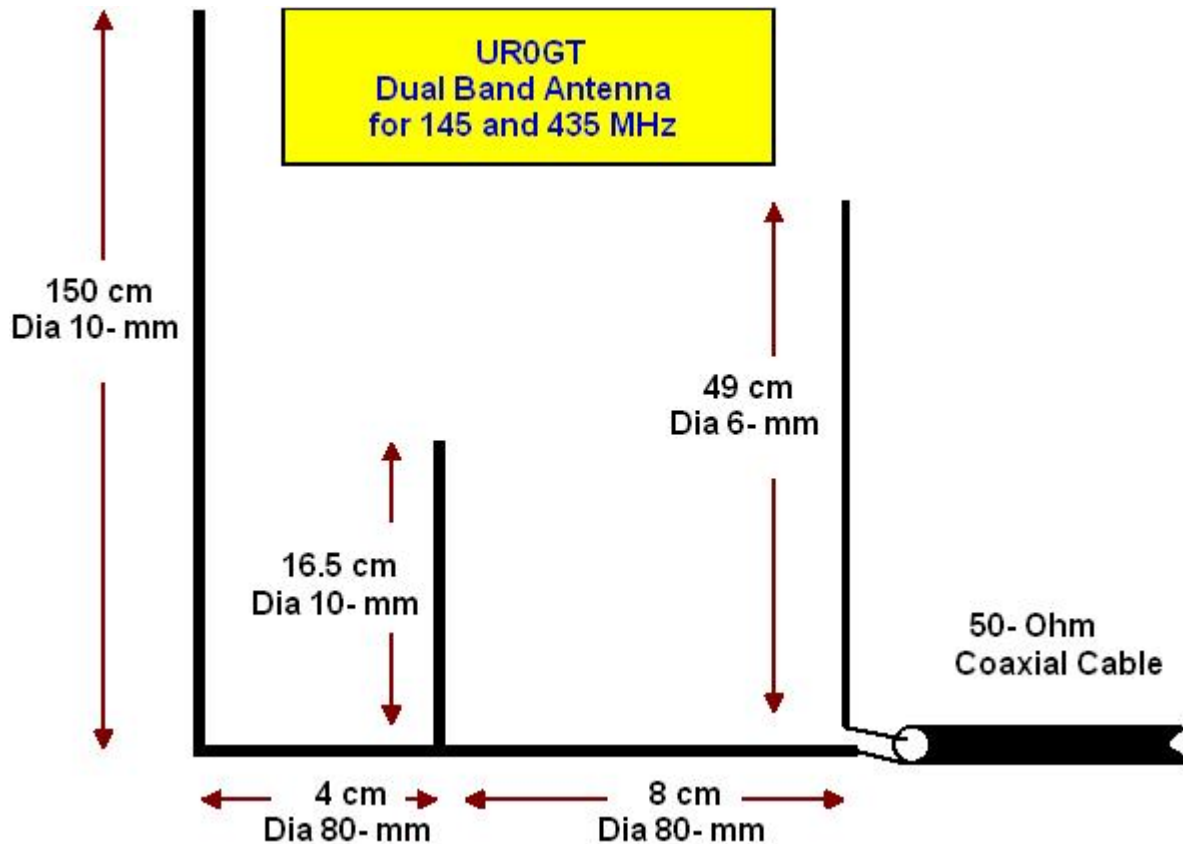


Figure 1 Dual Band Antenna for the 145 and 435- MHz Band

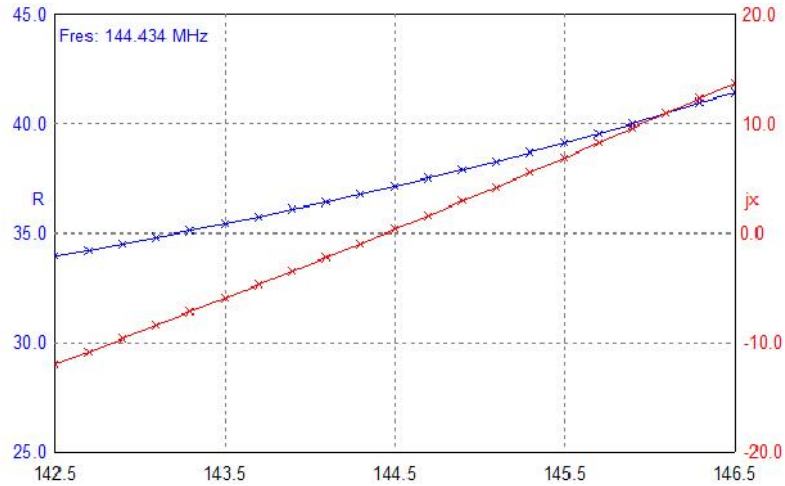


Figure 2 Z of the Dual Band Antenna at the 145 MHz Band

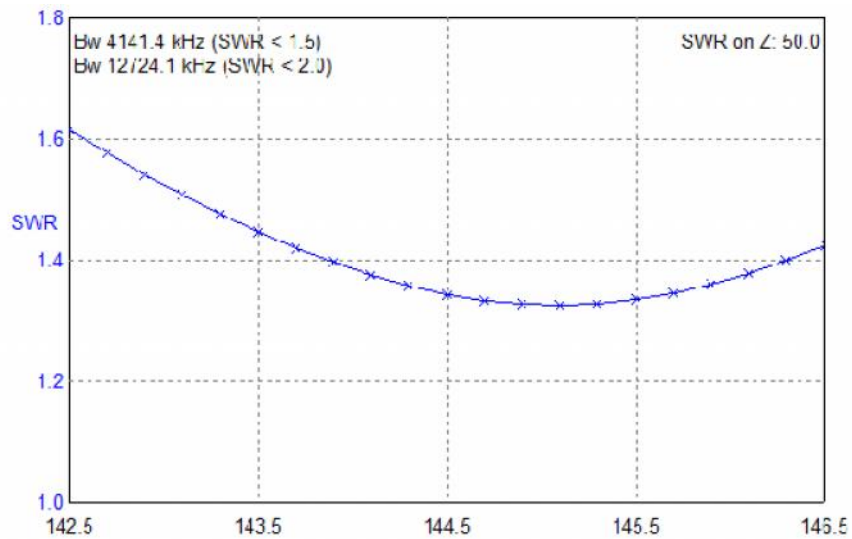


Figure 3 SWR of the Dual Band Antenna at the 145 MHz Band

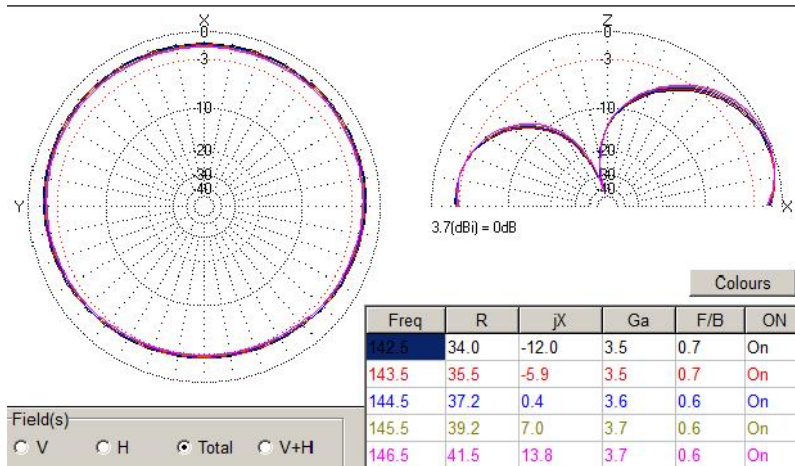


Figure 4 DD of the Dual Band Antenna at the 145 MHz Band

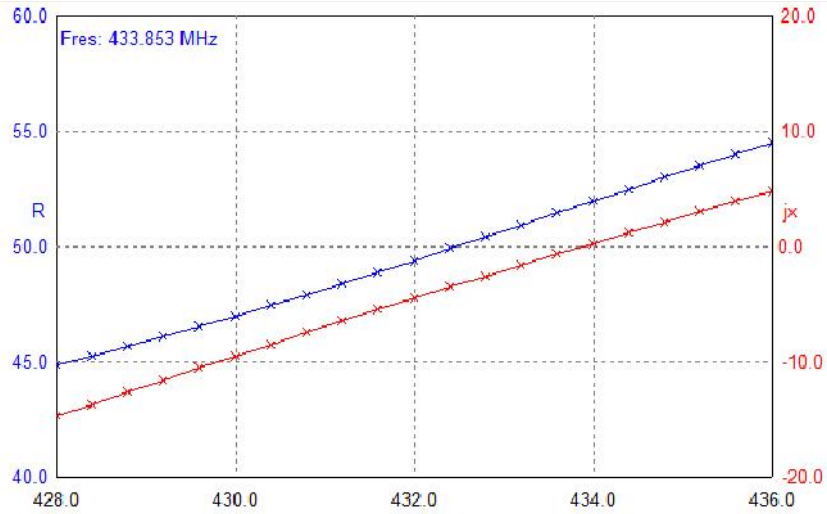


Figure 5 Z of the Dual Band Antenna at the 435 MHz Band

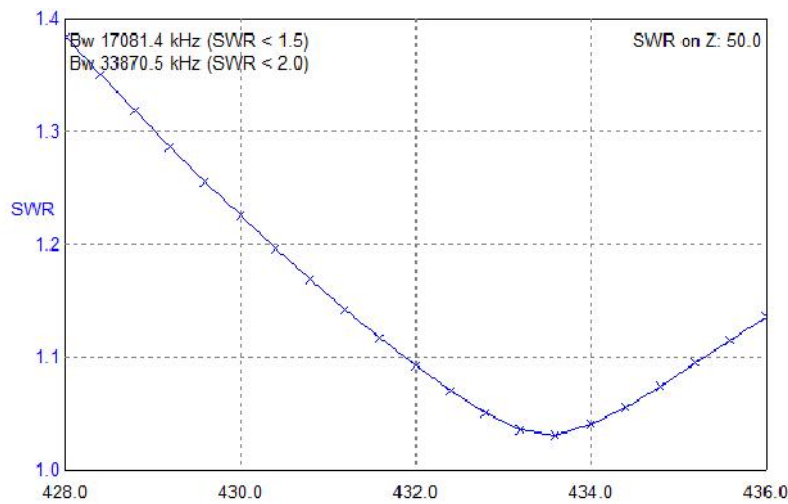


Figure 6 SWR of the Dual Band Antenna at the 435 MHz Band

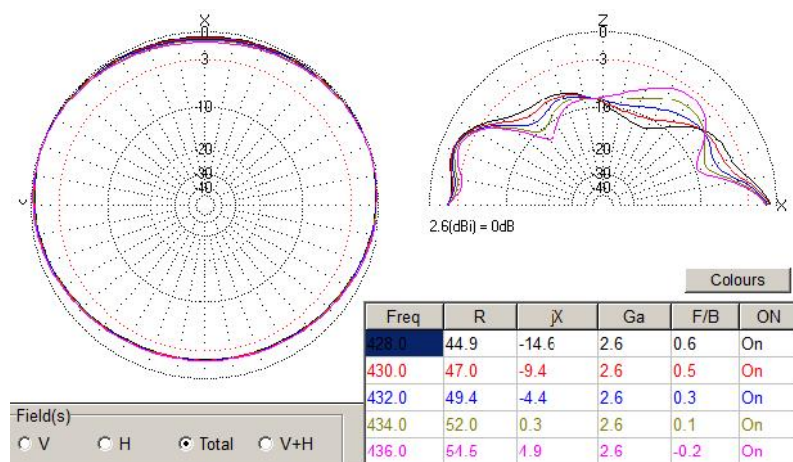


Figure 7 DD of the Dual Band Antenna at the 435 MHz Band