

UR0GT Long Quad Antennas for the 28- MHz Band

The publication is devoted to the memory UR0GT.

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Long Quad antennas are very interesting family of the simple and at that time high gain antennas. The antennas may have 50 or 75- Ohm input impedance. **Figure 1** and **Figure 2** show design of some of the antennas for the 28- MHz band. **Figure 3- Figure 12** show SWR and DD of the antennas.

The antennas may be made from wire in diameter 1- 3 mm or ever from a tube. Antennas made from the tube may be easy disassembled and assembled in the field. The antennas may be recalculated for other bands- for example for 6- m band.

73! de UR0GT

The MMANA models of Long Quad Antennas for the 28- MHz Band may be downloaded at: http://www.antentop.org/025/UR0GT_28_MHz_025.htm

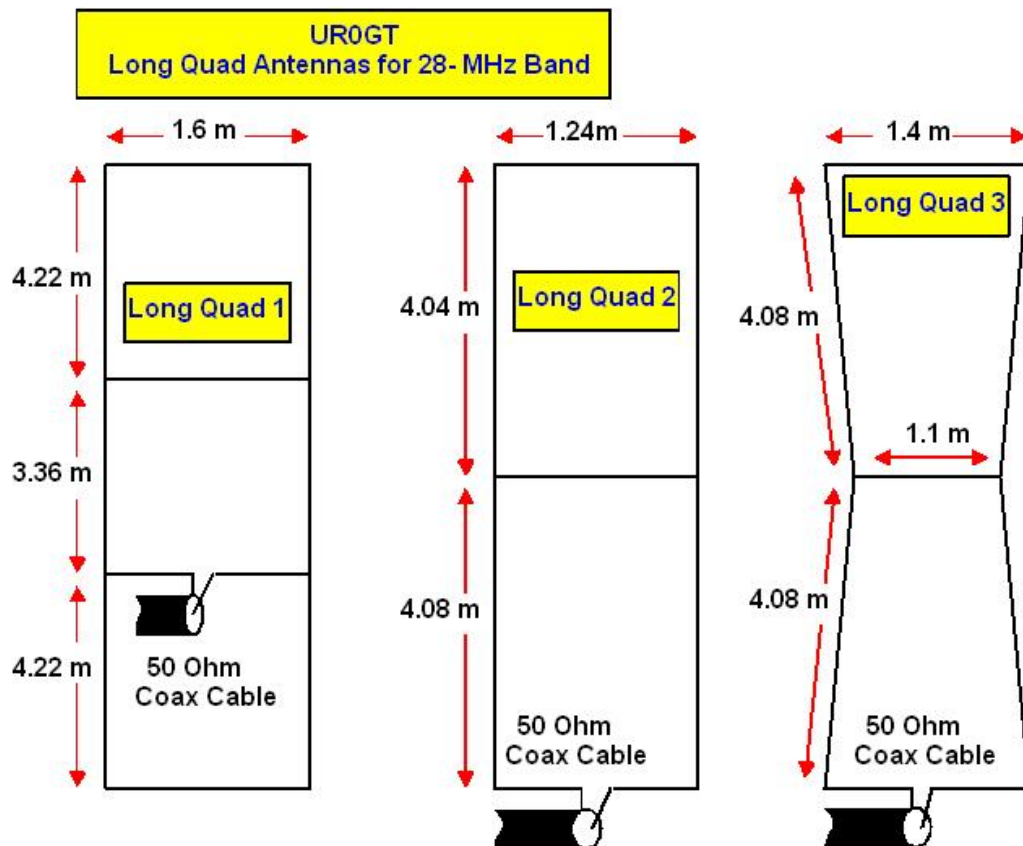


Figure 1 Long Quad Antennas for the 28- MHz Band

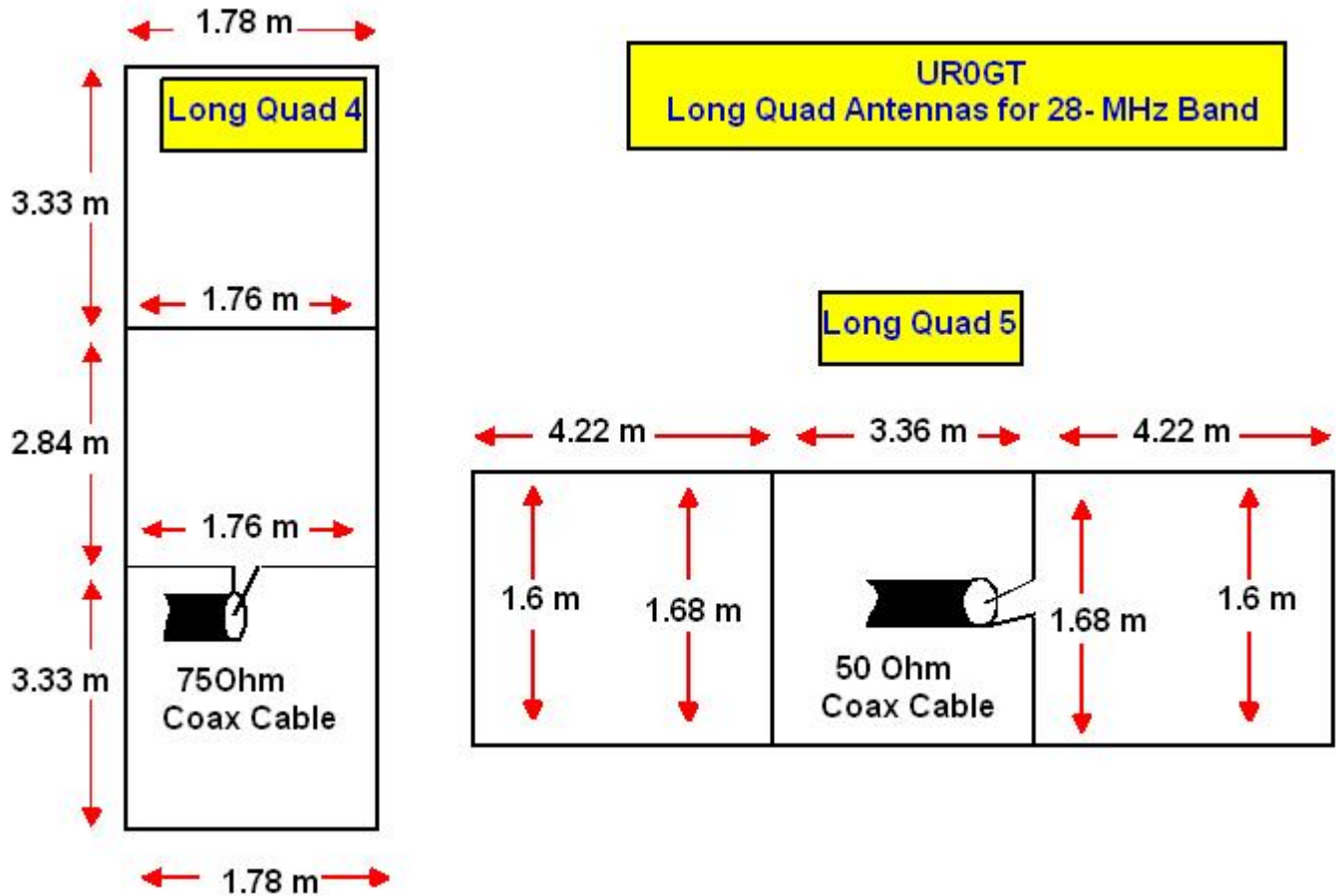


Figure 2 Long Quad Antennas for the 28- MHz Band

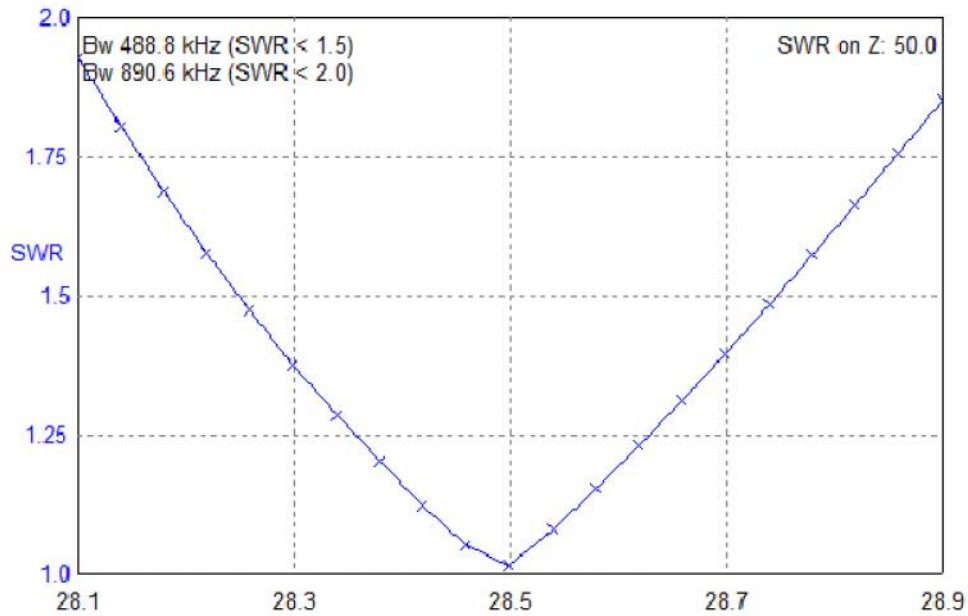


Figure 3 SWR of the # 1 Long Quad Antenna for the 28- MHz Band

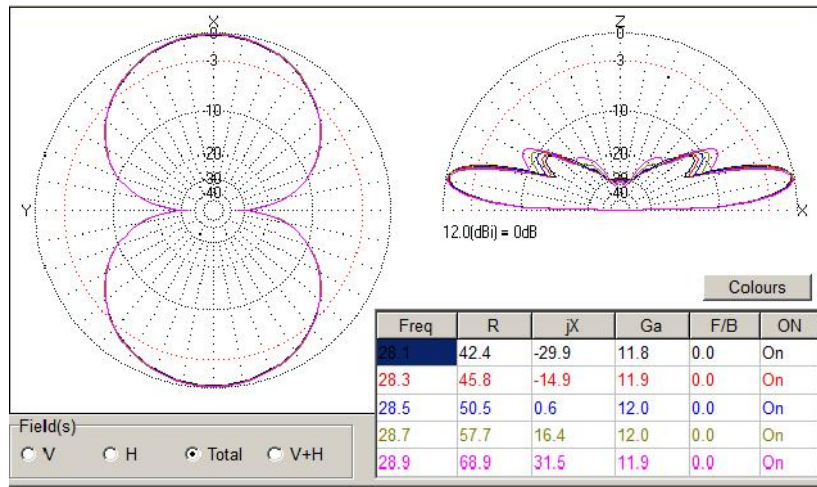


Figure 4 DD of the # 1 Long Quad Antenna for the 28- MHz Band

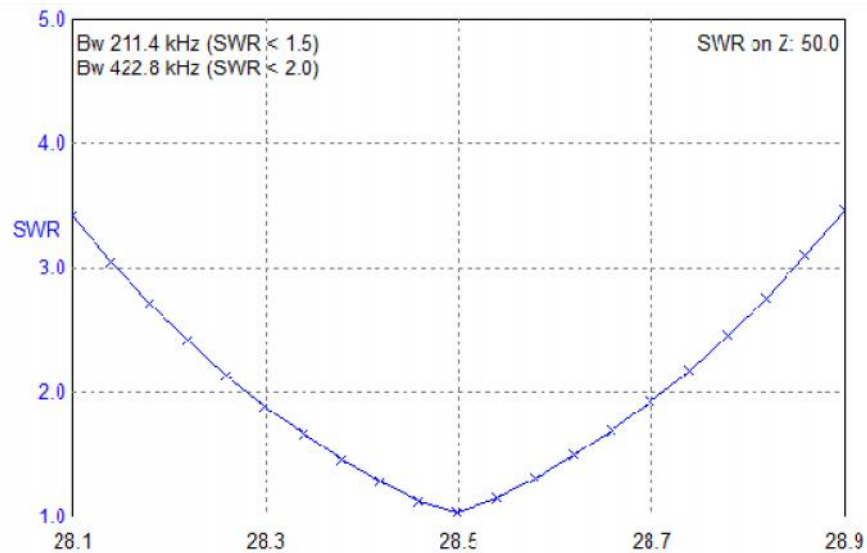


Figure 5 SWR of the # 2 Long Quad Antenna for the 28- MHz Band

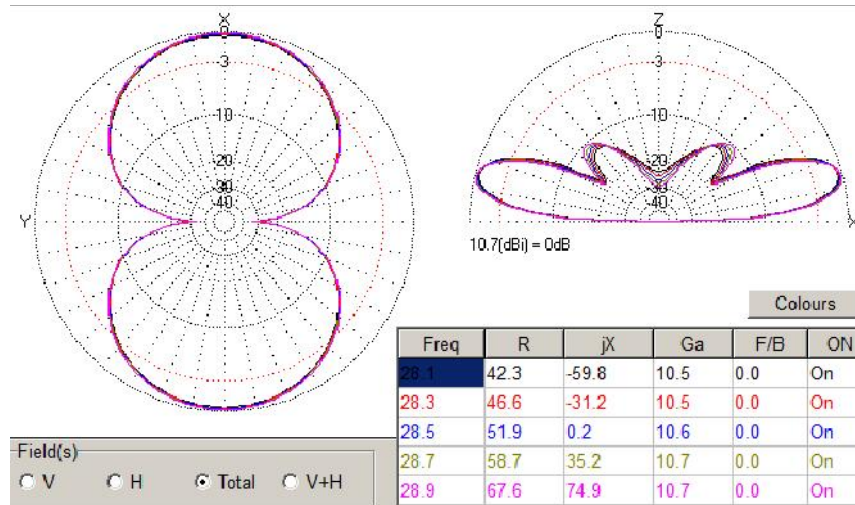


Figure 6 DD of the # 2 Long Quad Antenna for the 28- MHz Band

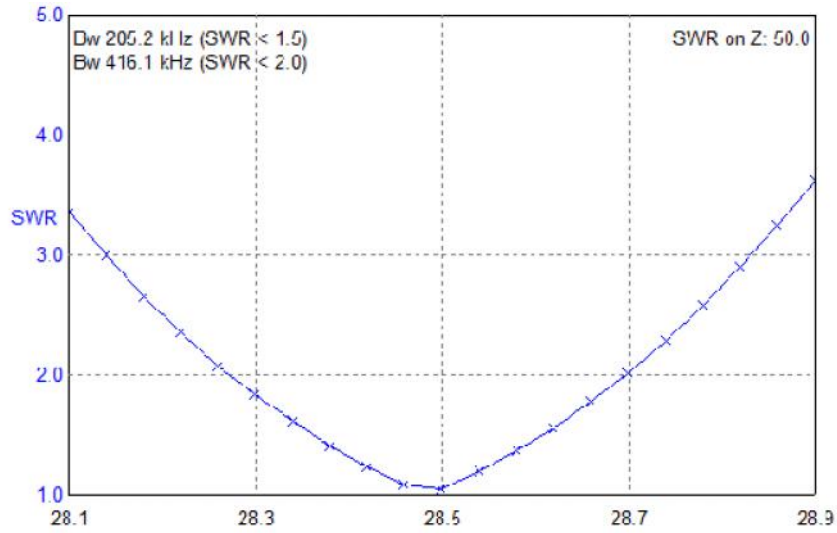


Figure 7 SWR of the # 3 Long Quad Antenna for the 28- MHz Band

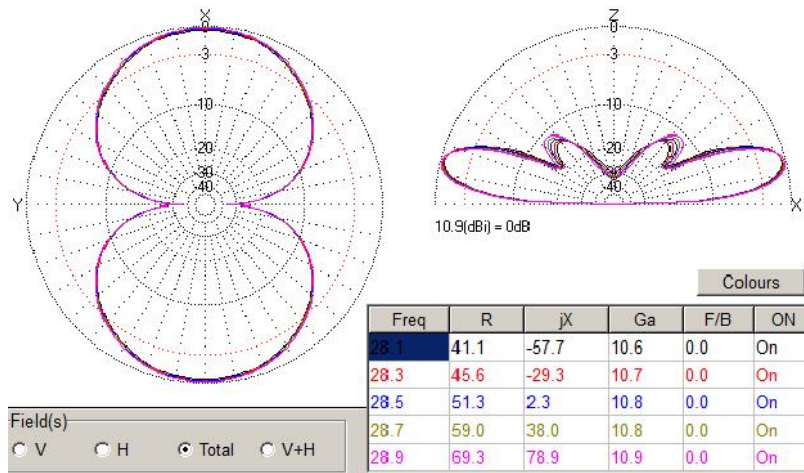


Figure 8 DD of the # 3 Long Quad Antenna for the 28- MHz Band

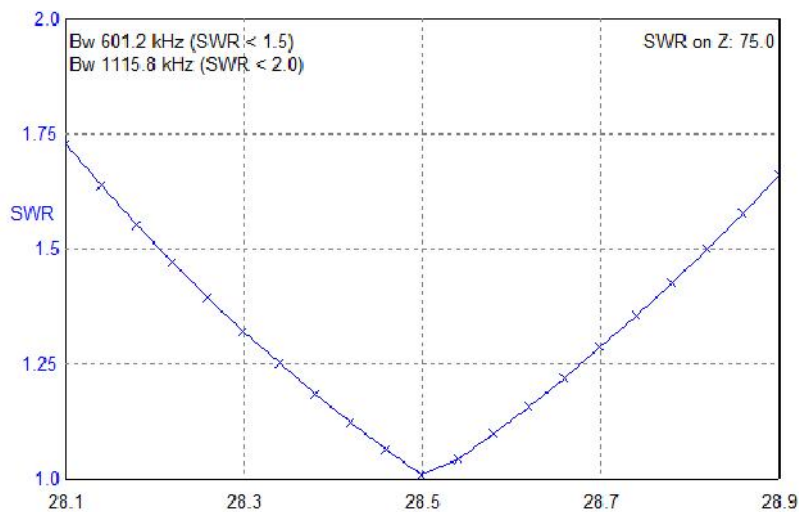


Figure 9 SWR of the # 4 Long Quad Antenna for the 28- MHz Band

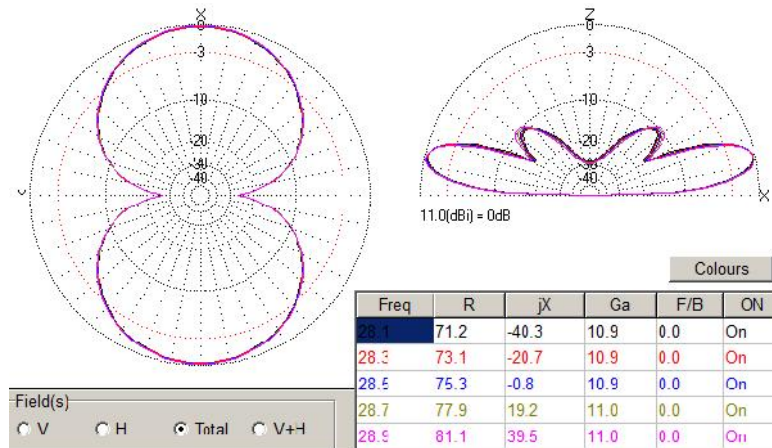


Figure 10 DD of the # 4 Long Quad Antenna for the 28- MHz Band

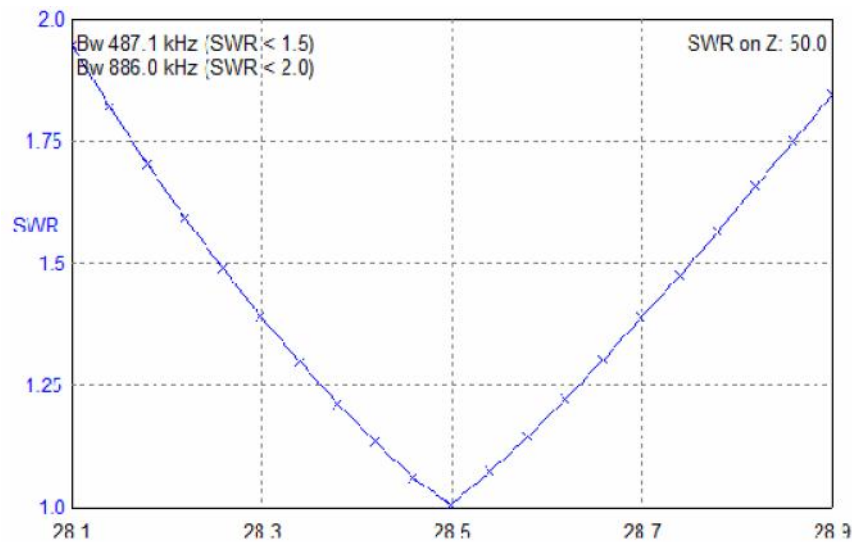


Figure 11 SWR of the # 5 Long Quad Antenna for the 28- MHz Band

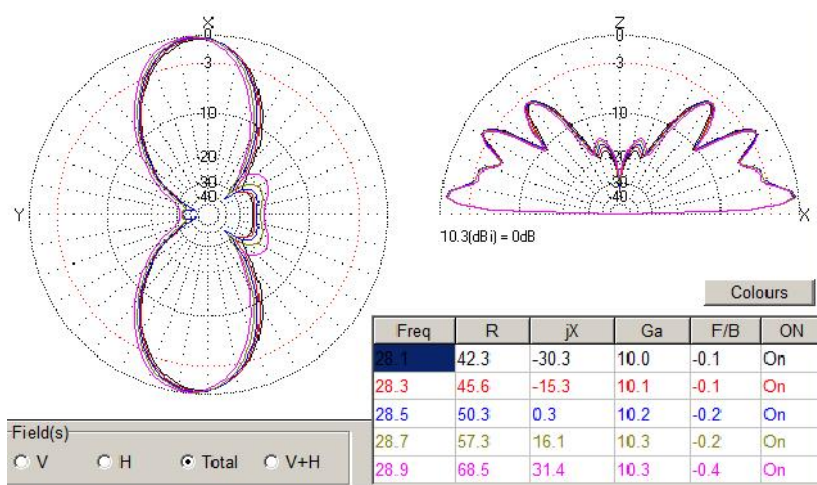


Figure 12 DD of the # 5 Long Quad Antenna for the 28- MHz Band