

# Compact Antenna for 160- meter Band for the DX- Window

The publication is devoted to the memory UR0GT.

Credit Line: Forum from: [www.cqham.ru](http://www.cqham.ru)

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Below described Compact Antenna for 160- meter Band for the DX- Window. Model of the antenna made by UR0GT. Antenna has "compact" sizes related to the 160- meter band. However with the dimensions the antenna has good parameters at the DX- Window at the 160- meter Band. Figure 1 shows design of the antenna. Figure 2 shows schematic of the antenna.

Figure 3 shows Z of the antenna. Figure 4 shows SWR of the antenna. Figure 5 shows DD of the antenna.

Simulation was made at the antenna height 2 meters above the real ground. Antenna may be scaled to another amateur's HF band.

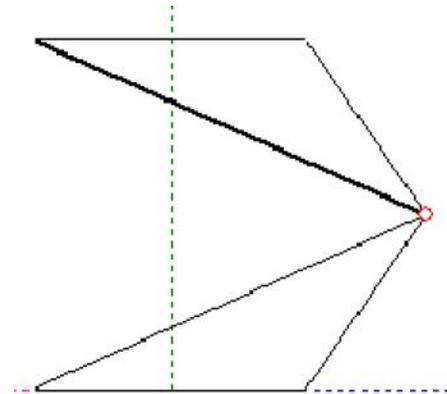


Figure 1 3D View of the antenna

The MMANA model of the Compact Antenna for 160- meter Band for the DX- Window may be loaded: [http://www.antentop.org/020/160\\_ur0gt\\_020.htm](http://www.antentop.org/020/160_ur0gt_020.htm)

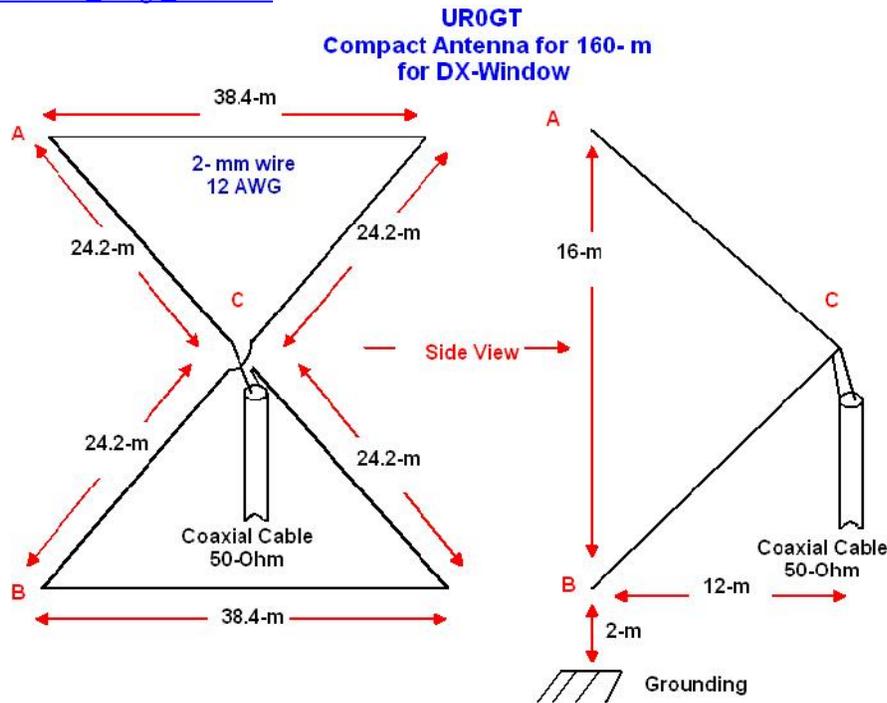


Figure 2 Compact Antenna for 160- meter Band for the DX- Window

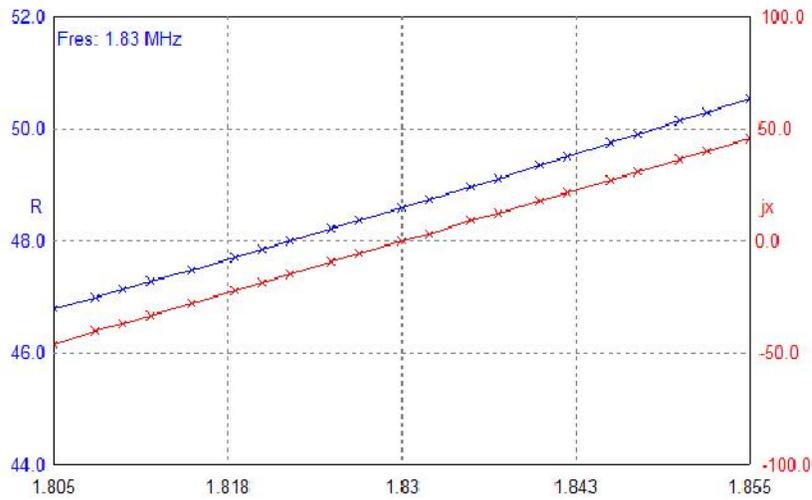


Figure 3 Z of the Compact Antenna for 160- meter Band for the DX- Window

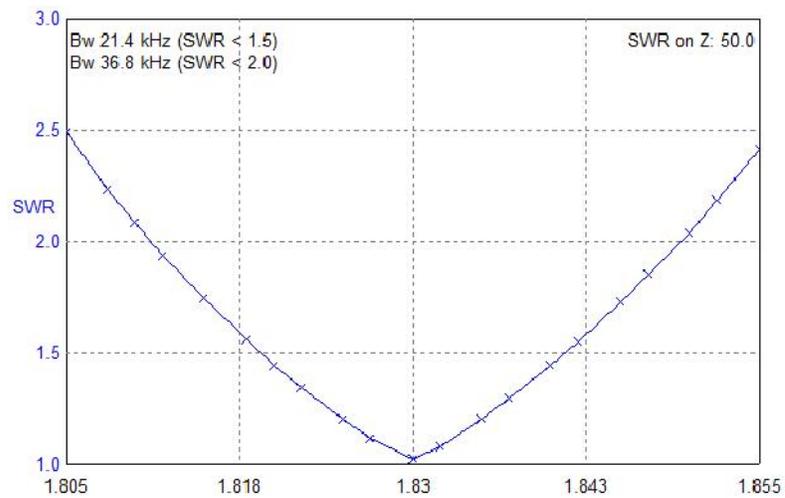


Figure 4 SWR of the Compact Antenna for 160- meter Band for the DX- Window

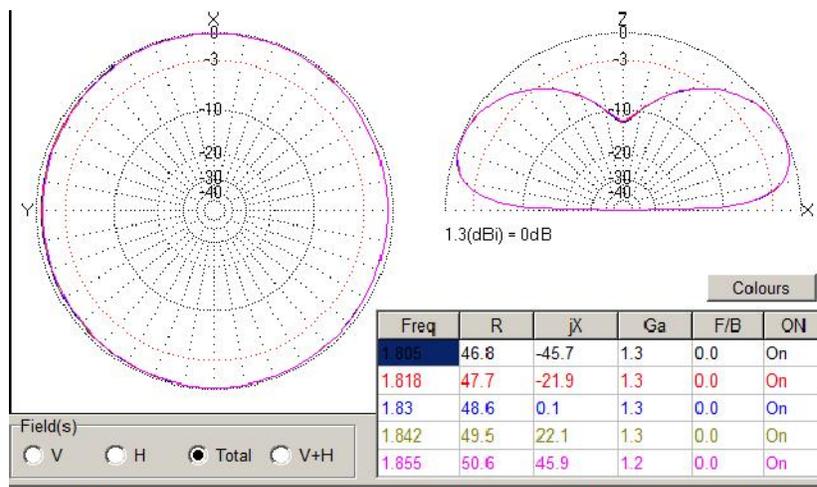


Figure 5 DD of the Compact Antenna for 160- meter Band for the DX- Window