

DEWD Dipole Antenna for the 80- meters

The publications devoted to memory UR0GT.

By: Nikolay Kudryavchenko, UR0GT

The antenna has SWR less the 1.2:1.0 in the band 3.5- 3.8- MHz.

Model of the antenna (file: Broadband 80m.maa) may be loaded:

[http:// www.antentop.org/011/dewd_dipole_011.htm](http://www.antentop.org/011/dewd_dipole_011.htm)

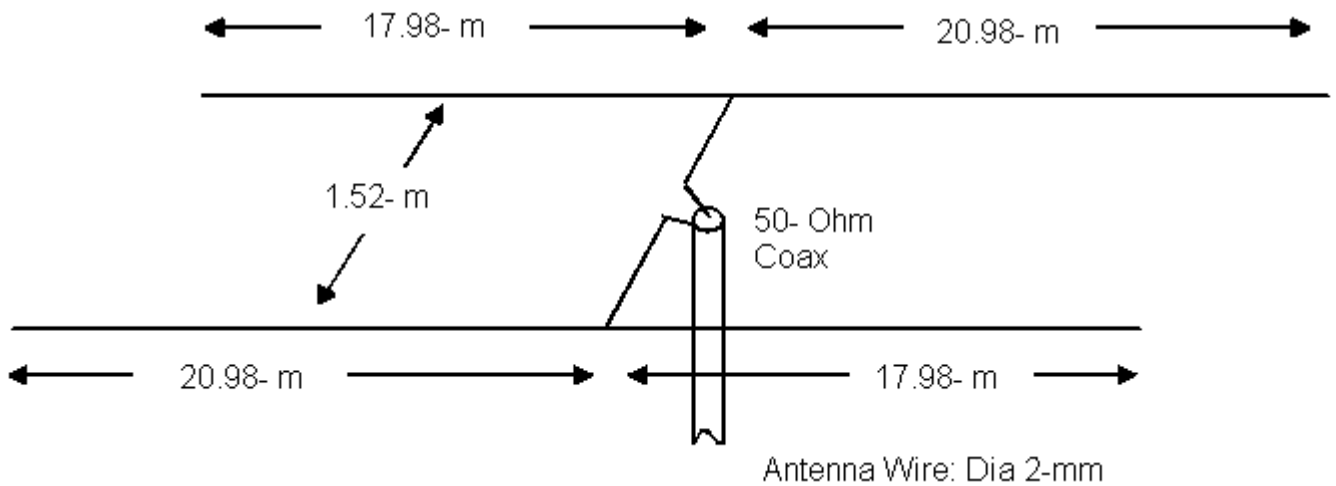


Figure 1 DEWD Dipole Antenna for the 80- meters

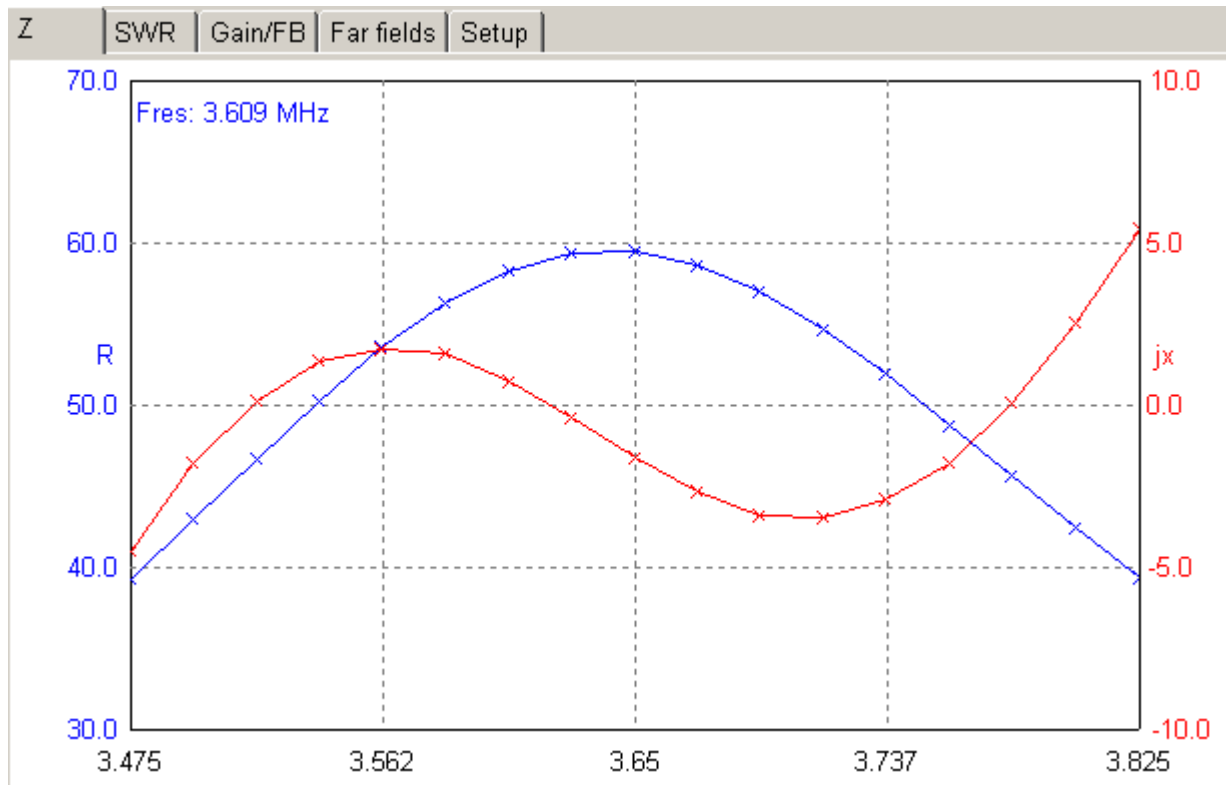


Figure 2 Z of the DEWD Dipole Antenna (placed in the free space)

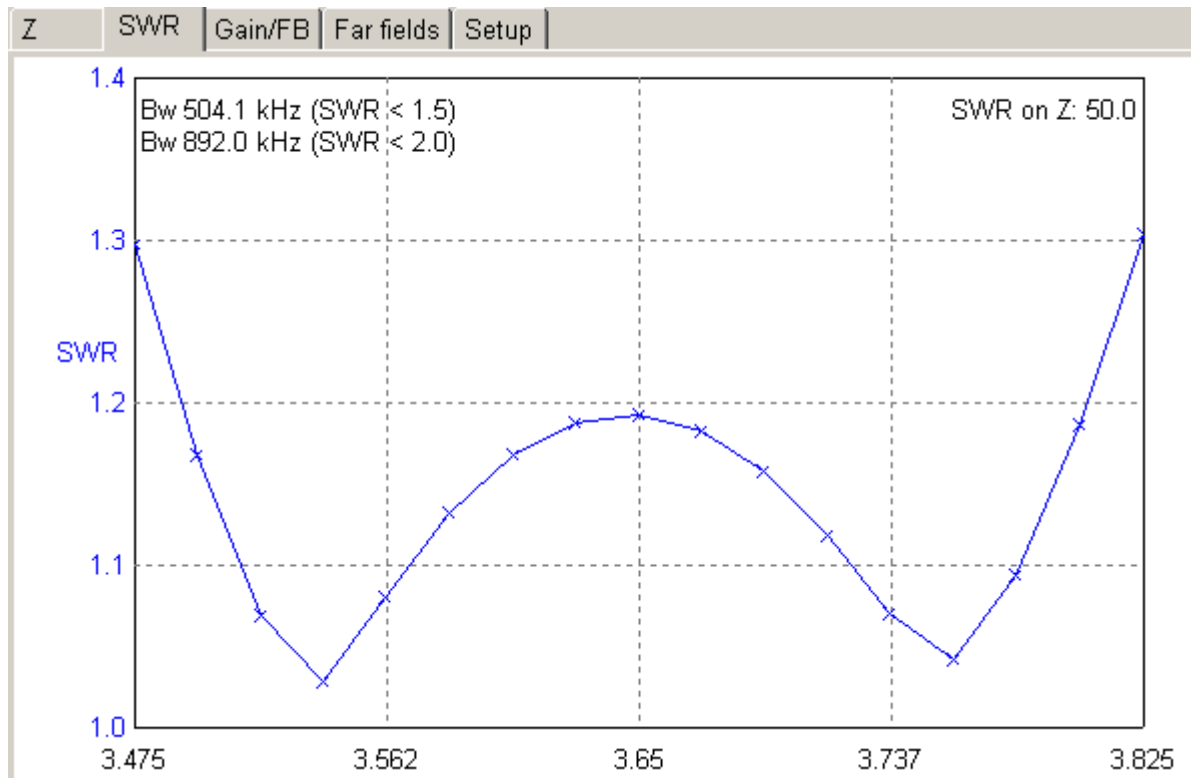


Figure 3 SWR of the DEWD Dipole Antenna (placed in the free space)

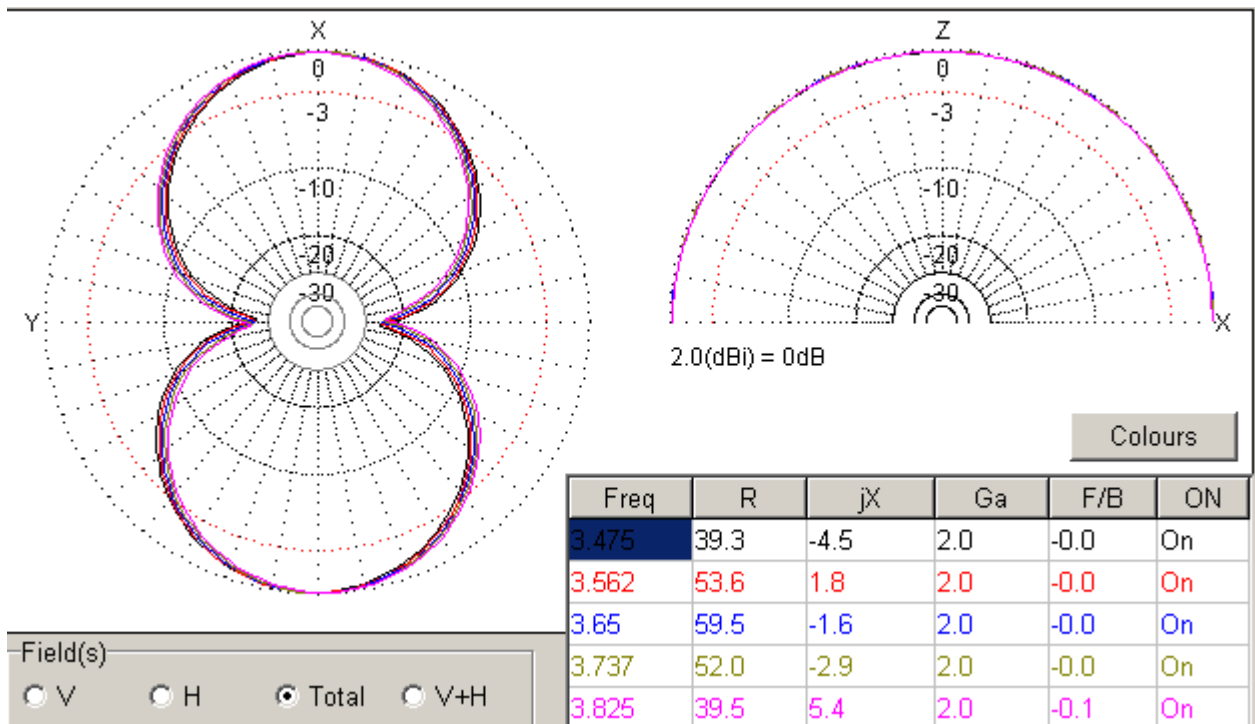


Figure 4 DD of the DEWD Dipole Antenna (placed in the free space)

Model for a shortened DEWD Dipole Antenna (file: Broadband 80m.1.maa) may be loaded:

http://www.antentop.org/011/dewd_dipole_011.htm

Tuning of the antenna: To move the resonance needs to change the length of the “short” and “long” parts of the antenna. To shift the reactance- change the width of the antenna.

73, UR0GT, Nikolay

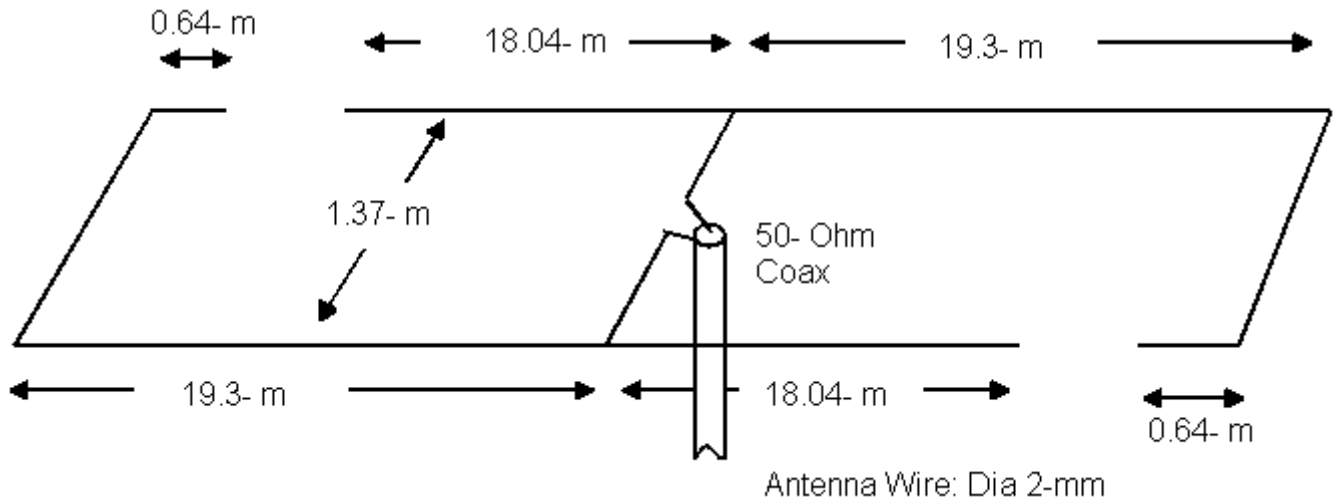


Figure 5 Shortened DEWD Dipole Antenna for the 80- meters

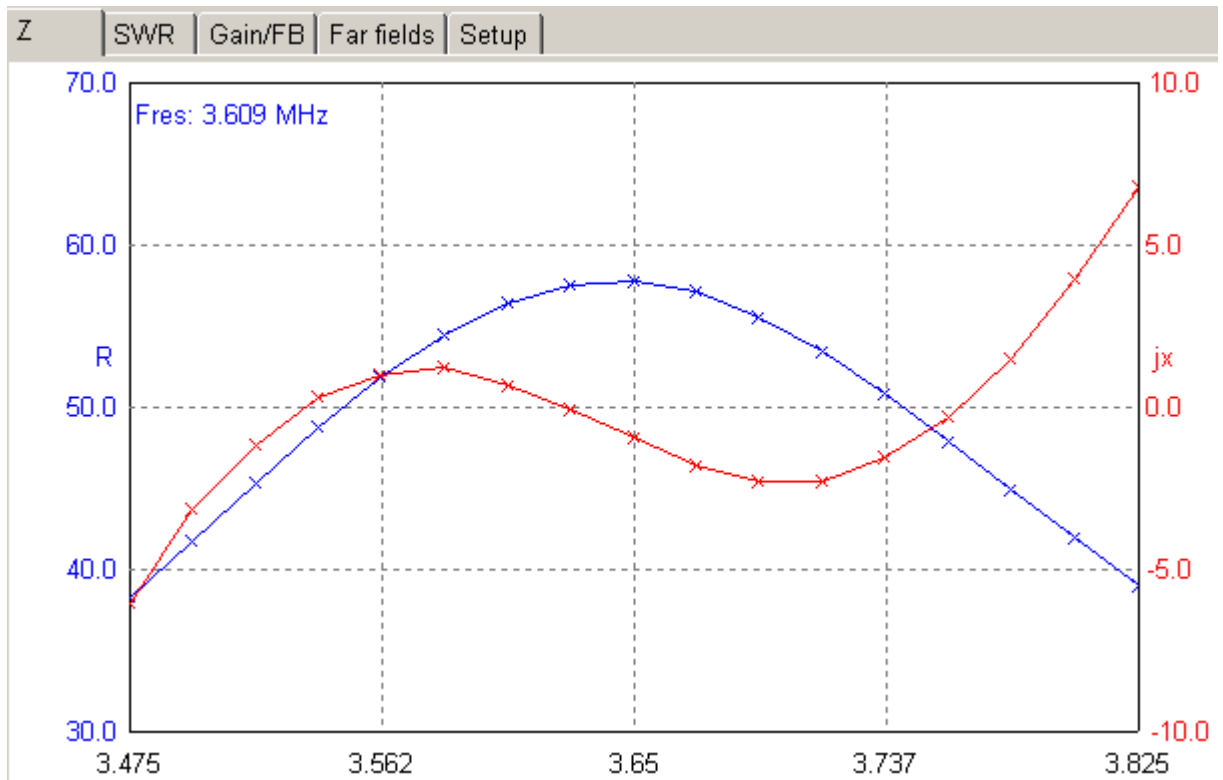


Figure 6 Z of the Shortened DEWD Dipole Antenna (placed in the free space)



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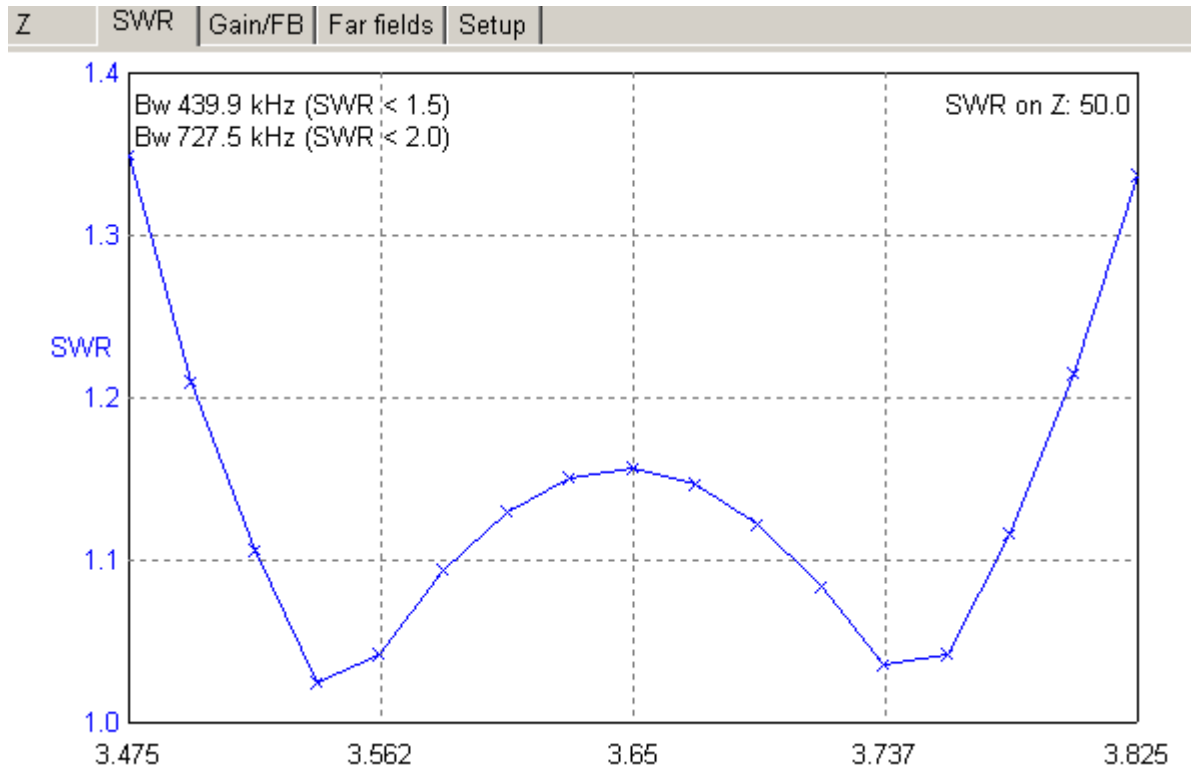


Figure 7 SWR of the Shortened DEWD Dipole Antenna (placed in the free space)

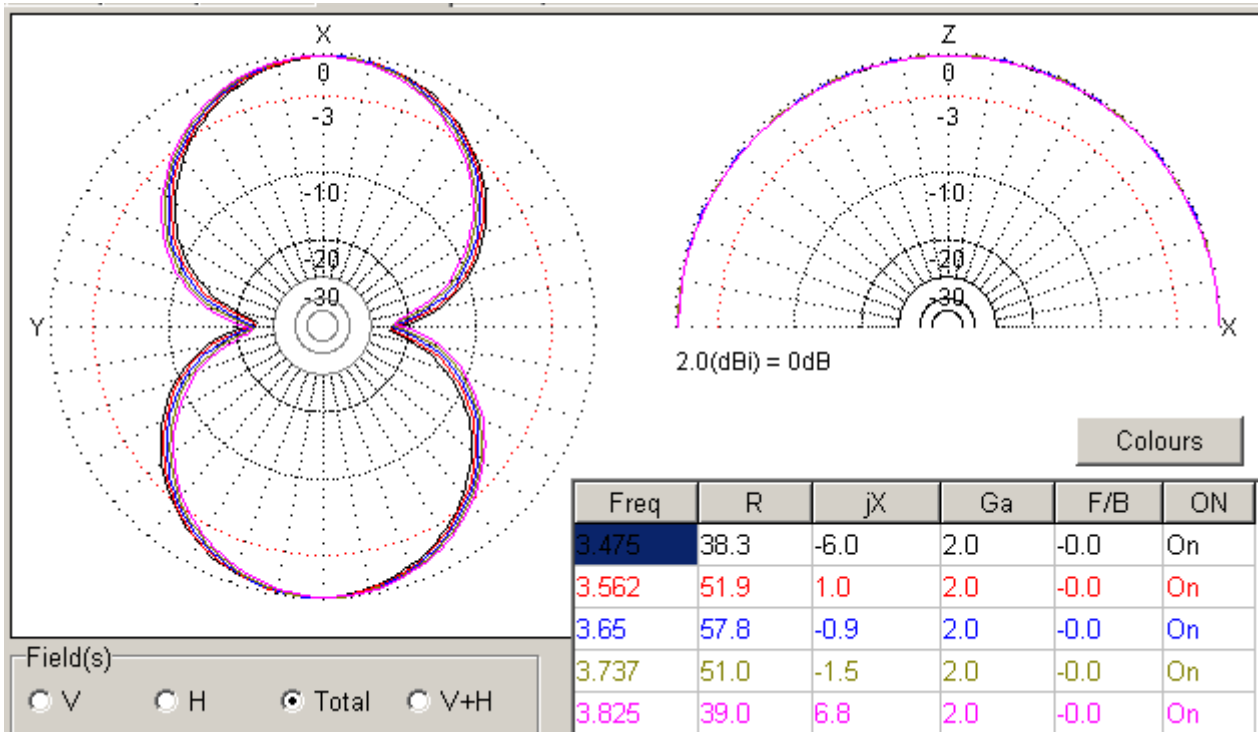


Figure 8 DD of the Shortened DEWD Dipole Antenna (placed in the free space)