

RW4HFN Limited Space Antenna for the 20- meter Band

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It is very interesting variant of a mono band antenna for the 20 meter band installed on to a balcony. The feature of the antenna is that it has DD opposite to the building. It means the antenna cannot pick up the hum from the electronics devices located in the building and the radiation of the antenna cannot go towards the building and does harm to the electronics devices located in the building.

Figure 1 shows design of the Limited Space Antenna for the 20- meter Band. MMANA file for the antenna you may download at:

http://www.antentop.org/023/RW4HFN_20M_023.htm

Figure 2 shows SWR of the antenna. Figure 3 shows Z of the antenna. Figure 4 shows DD of the antenna.

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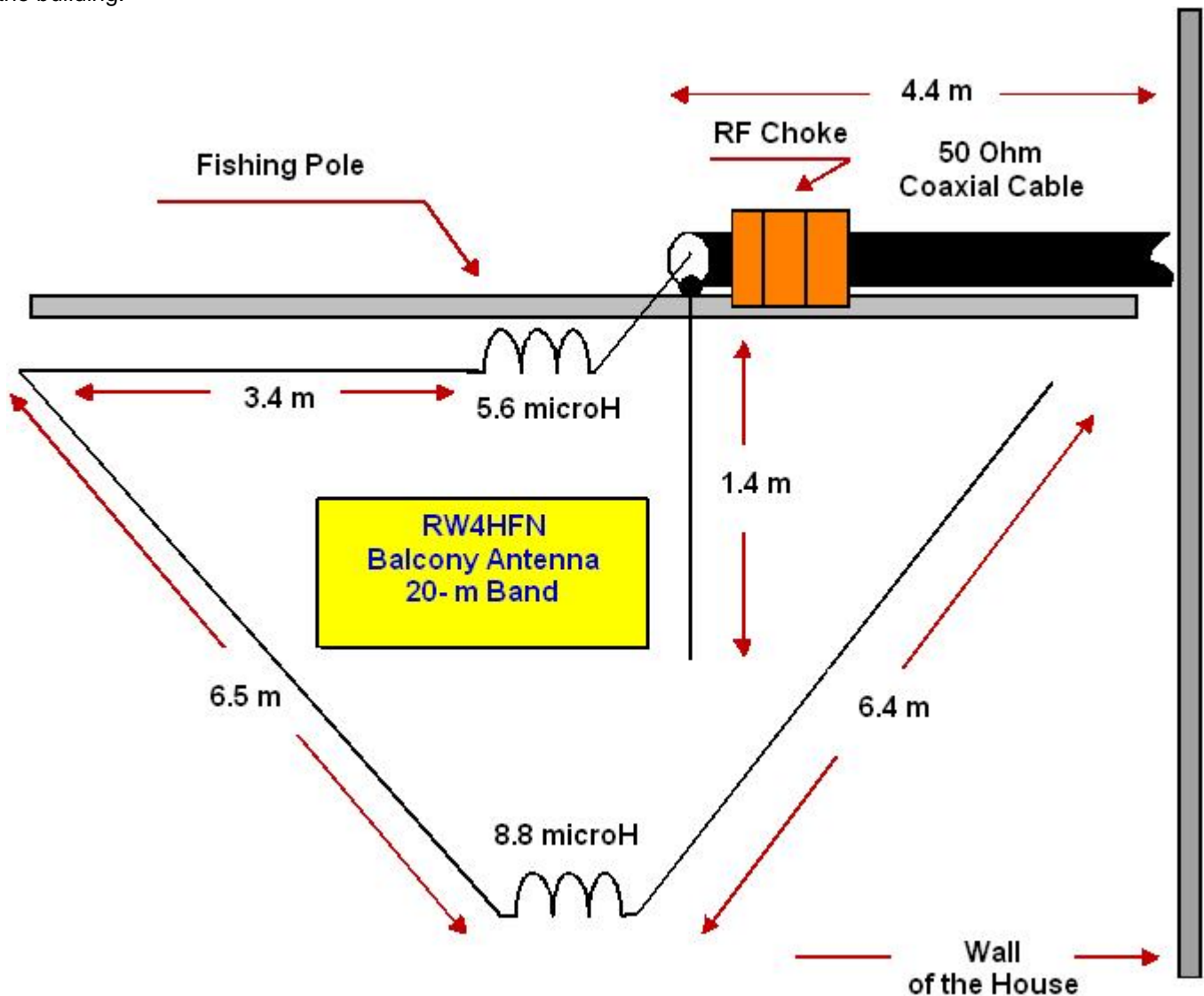


Figure 1 Design of the RW4HFN Limited Space Antenna for the 20- meter Band

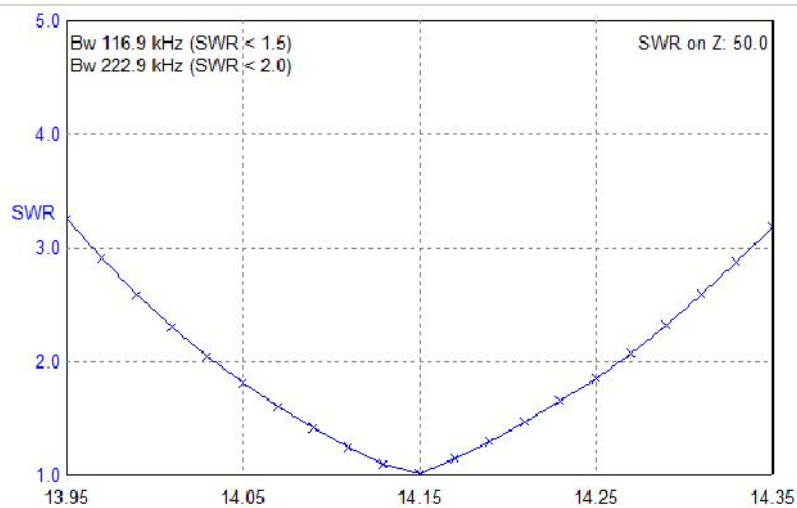


Figure 2 SWR of the RW4HFN Limited Space Antenna for the 20- meter Band

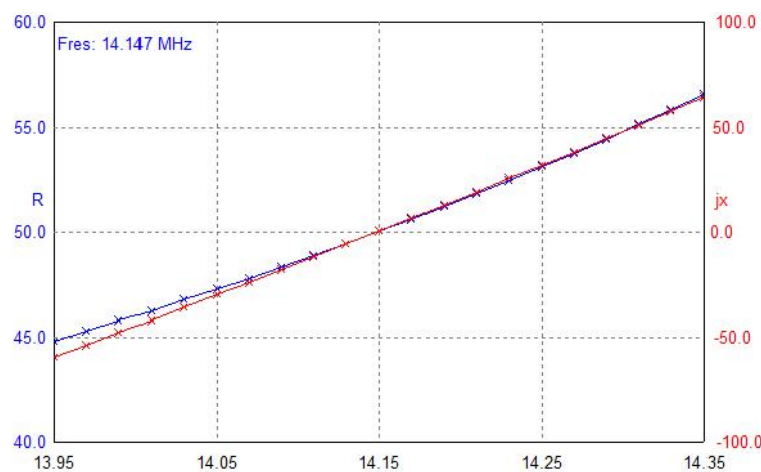


Figure 3 Z of the RW4HFN Limited Space Antenna for the 20- meter Band

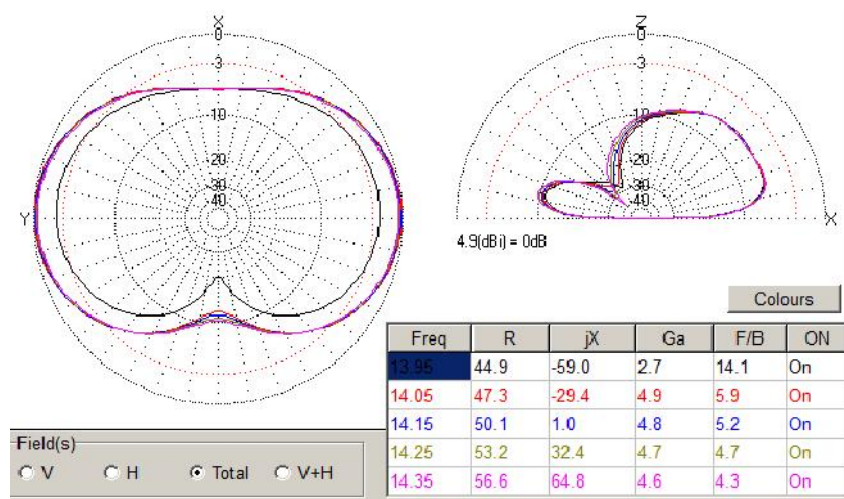


Figure 4 DD of the RW4HFN Limited Space Antenna for the 20- meter Band