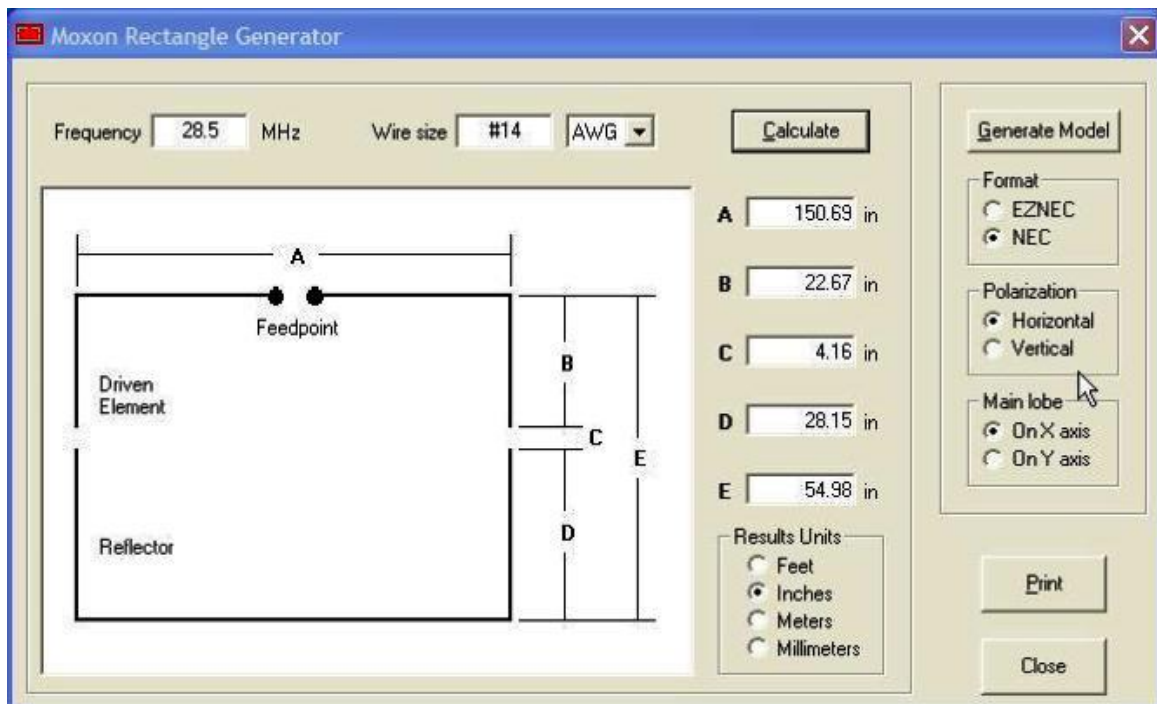


# WB5CXC

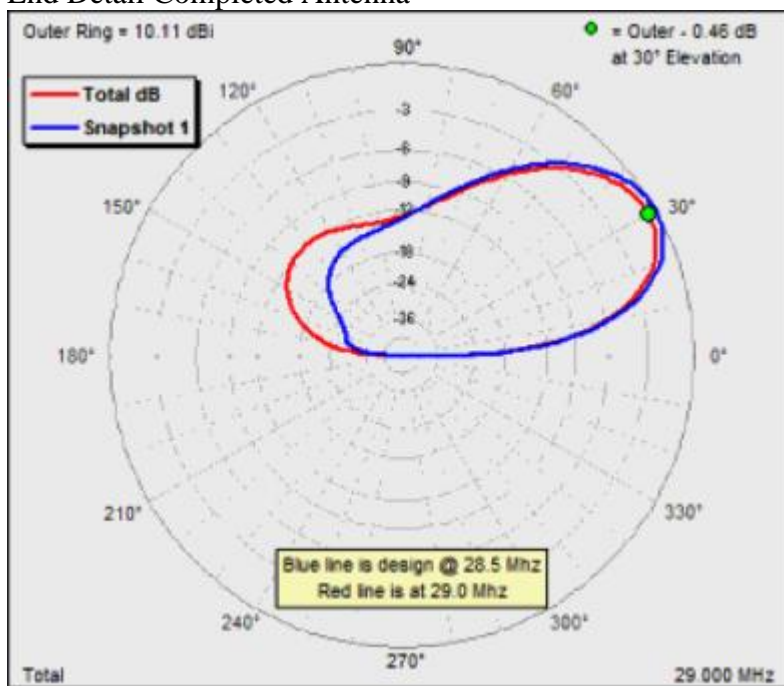
I wanted to build a 10M Yagi. I looked at some of the options and decided on the Moxon after I built my 2M Moxon. I designed the Moxon using the Moxon Rectangle Generator. Do a search on the Internet to find the Moxon Rectangle Generator. Enter the frequency and the size of wire and it will calculate the sizes for the Moxon Yagi.



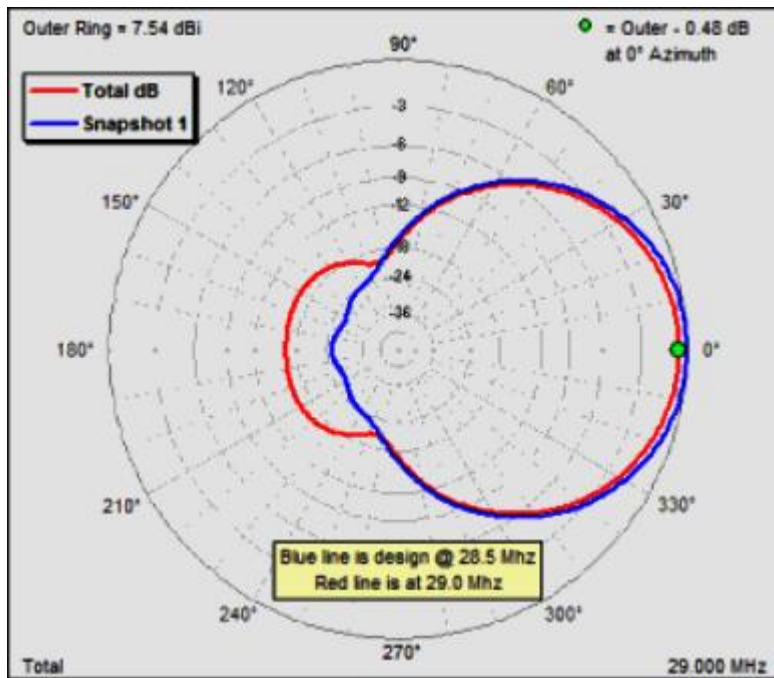
The main boom is made from 1 1/4" PVC sch. 40 pipe. The ends are made from a 1 1/4" Tee, 1 1/4" X 3/4" reducing bushing, 3/4" PVC pipe, and 3/4" 45 degree elbows. Make the end pieces first. I put the ends together and measured where the spacing gets to 55", then I cut the pipe (for the end to be 55"). I then put the two ends out and measured the 150 3/4" and cut the pipe (be sure to leave enough room to slide into the Tee and still maintain the correct length).



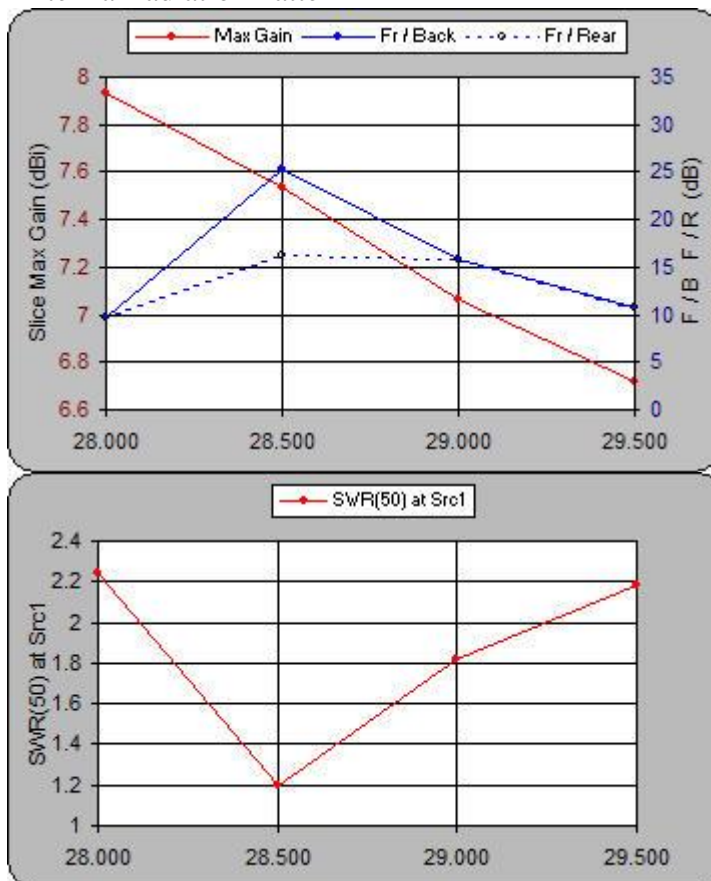
End Detail Completed Antenna



Elevation Angle Pattern



Antenna Radiation Pattern



Antenna Gain & F/B Ratio ,Antenna SWR