

# 900 and 1200 MHz Wheels

WA5VJB

Notes: Typical Gain 2 dBi

The coax connector must go on the side with no lettering to avoid the shorted tuning stub.

Coax may be soldered directly to the antenna With VERY short leads.

900 MHz Version

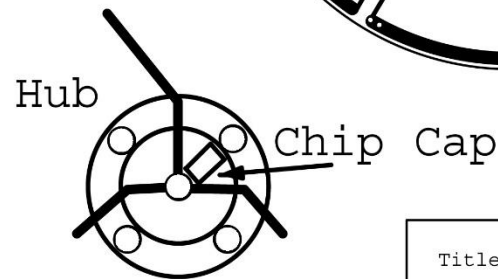
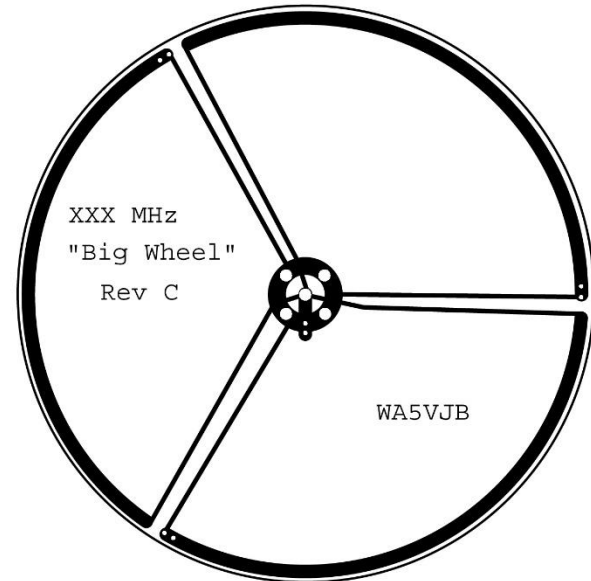
Typical Return Loss is -20 dB at 902 MHz and -10 dB at 915 MHz

1290 MHz Version

The antenna is resonate at about 1305 MHz depending on the style SMA used.

The antenna can be retuned to 1295 MHz with a 1 pf cap placed across the SMA connector. Typical R.L. -20 dB

The antenna can be tuned to 1200 MHz with chip caps.



Title Big Wheel Ant.		
Size B	Number NTMS	Rev C
Date: 02-29-09		Drawn by: KEB
File Name: WheelsD.pcb		Sheet 1 of 1