

2425 MHz And 2470 MHz Wheels

WA5VJB

Notes: Horizontal Polarization 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.

2425 MHz Version

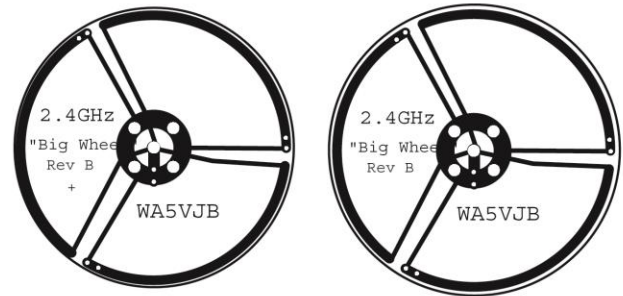
Typical Return Loss is -20 dB at 2425 MHz and better than -10 dB over the band.

Can be retuned to 2304 or 2320 MHz with a 1-1.5 pf chip cap
Proper test equipment is recommended

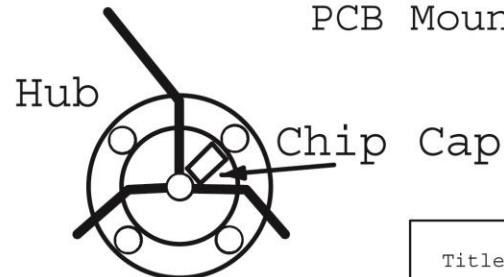
2470 MHz "+" Version

The antenna is resonate at about 2470 MHz but any nearby plastic/glass/etc pulls the frequency down.

Recommended for use in Radomes on inside housings



Designed for Standard
PCB Mount Connectors



Title			Big Wheel Ant.		
Size	Number				Rev
B	NTMS				A
Date: 04-03-11			Drawn by: KEB		
File Name: Wheel24D.pcb			Sheet 1 of 1		

RBW 3 MHz

* VBW 300 Hz

SWT 900ms

M4[3]

-30.89 dBm

2.510980000 GHz

M1[1]

-26.56 dBm

2.430000000 GHz

M2[1]

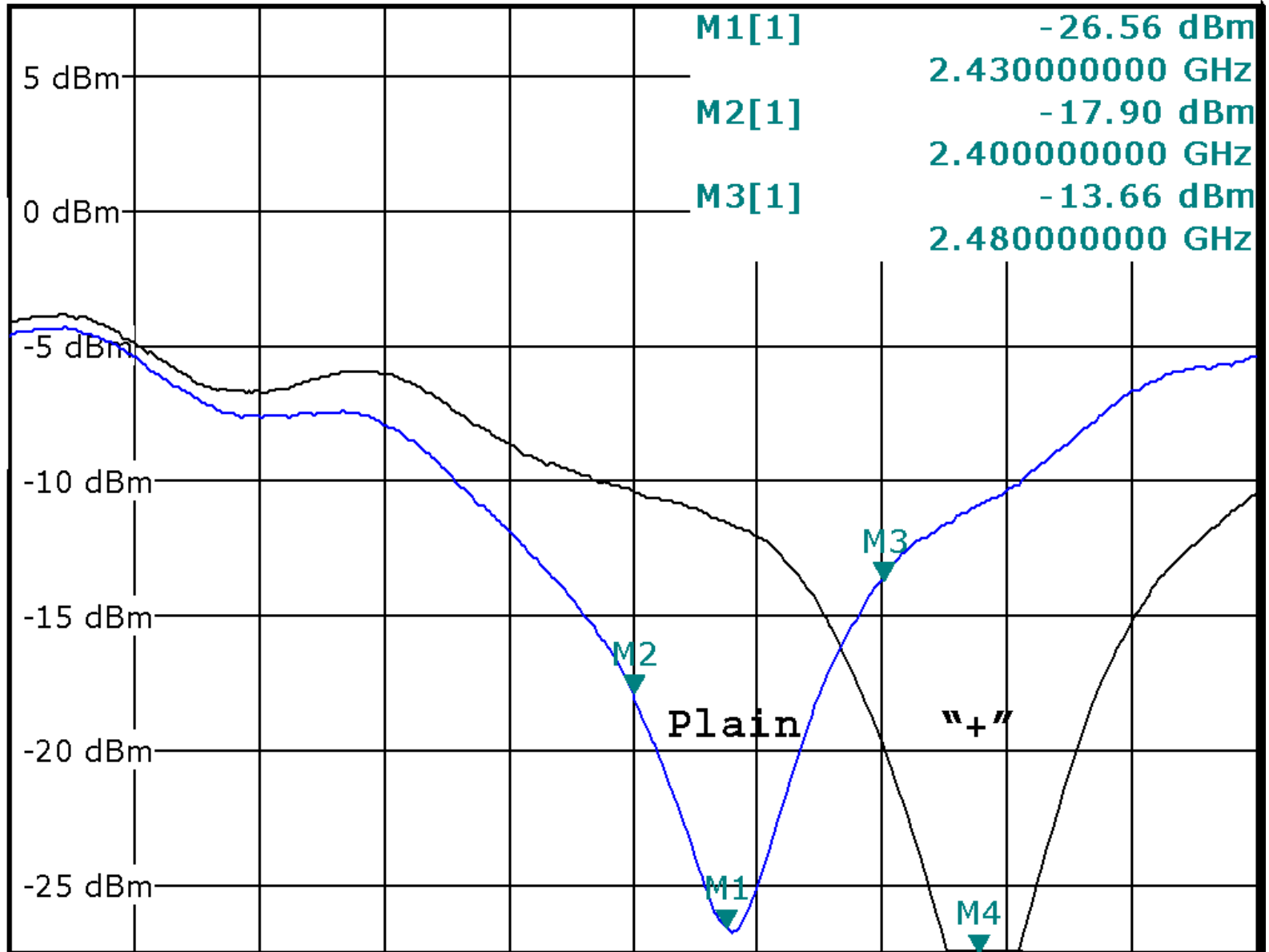
-17.90 dBm

2.400000000 GHz

M3[1]

-13.66 dBm

2.480000000 GHz



CF 2.4 GHz

Span 400.0 MHz