

ASIAN CREATION COMMUNICATION CO.,LTD

Address: No12 ,Xingye 5 Road, Yundonghai ,Sanshui, Foshan, Guangdong, China, (528100)

2.4GHz Mobile Antenna

AC-Q24I06

1. Introduction

2.4G Magnetic wireless band antenna delivers marked improvements in efficiency and gain across all common frequencies (2400-2483MHz) in use for WIFI and Wireless bands.

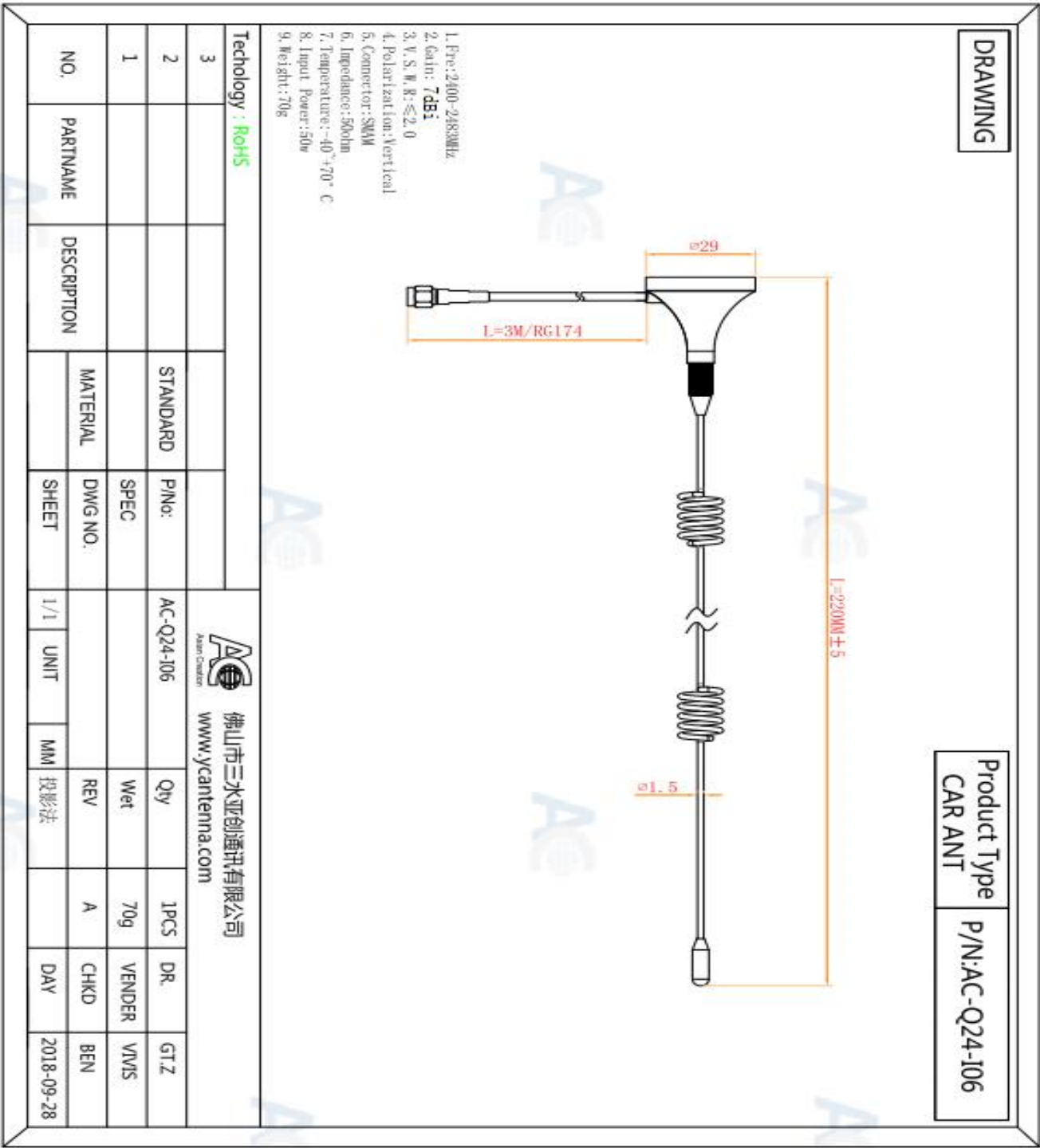
Small enough to be used indoors and outdoors, the antenna performance has been designed to take advantage of any metal plate (ground-plane) it attaches to deliver best of class performance.



2. Specification

Electrical	
Frequency Range	2400-2483MHz
Band width	83MHz
Gain	7dBi
V.S.W.R	≤2.0
Radiation	Omni
Polarization	Vertical
Maximum Input Power	50W
Impedance	50Ω
Connector	RP SMA Male
Cable Type	RG174
Cable Length	3M
Antenna Radome Material	Steel
Mount way	Magnetic
Mechanical	
Dimensions	Φ29×220mm
Weight	140g
Operating Temperature	-40℃ to+70℃

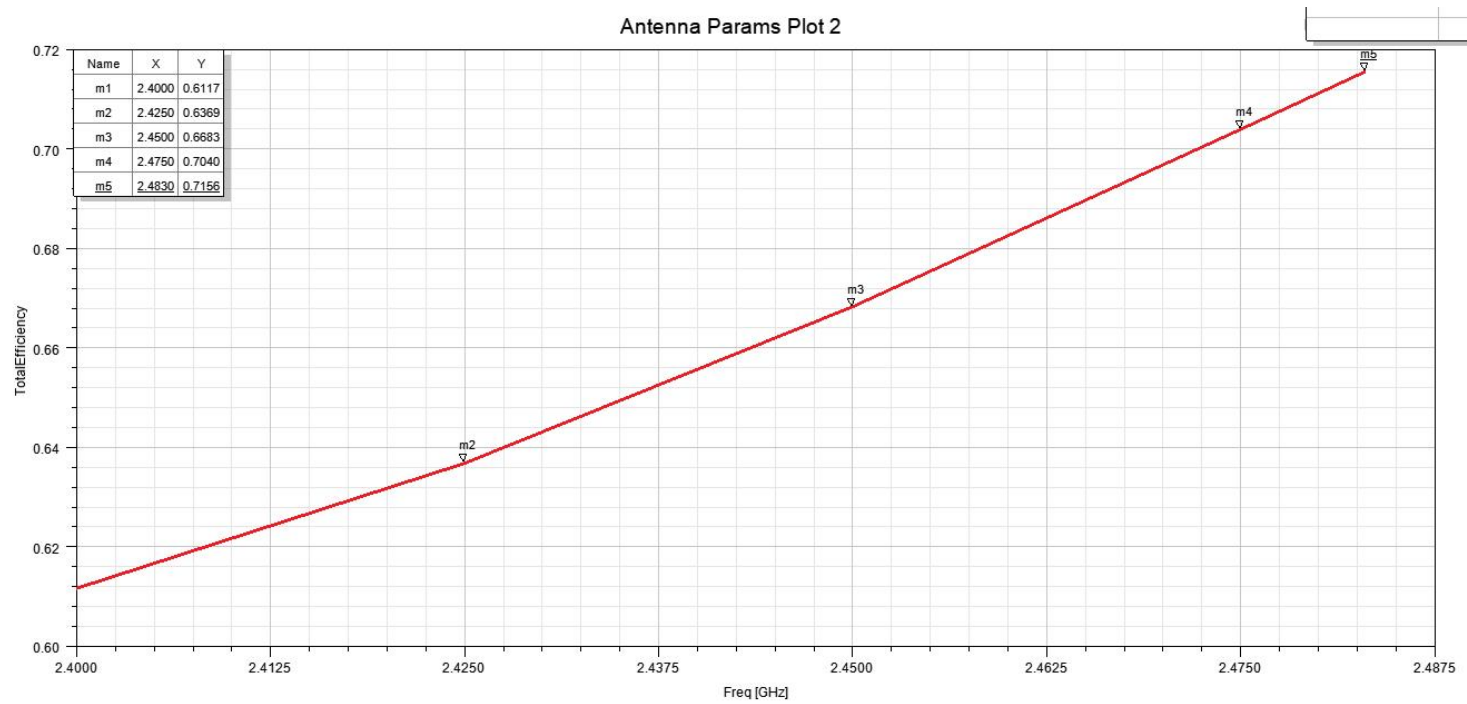
3.Drawing



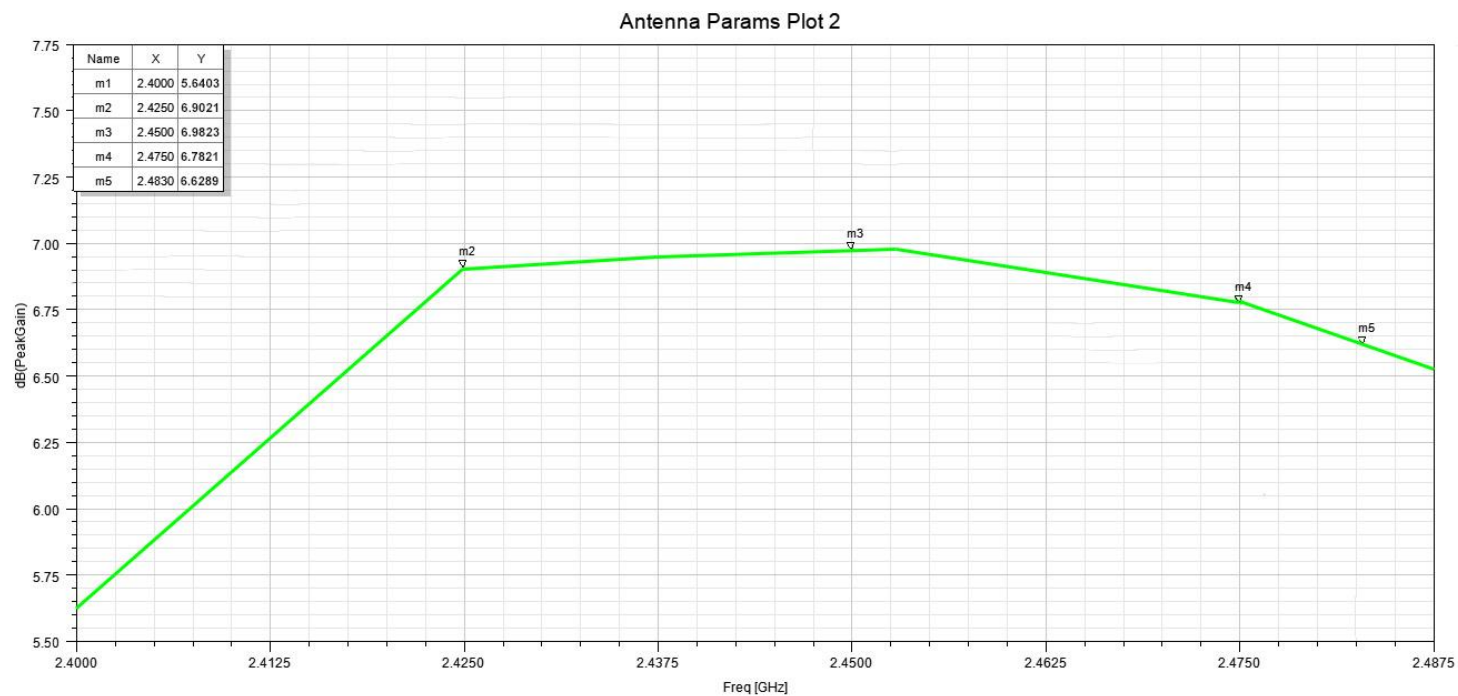
4.V.S.W.R



5.Efficiency

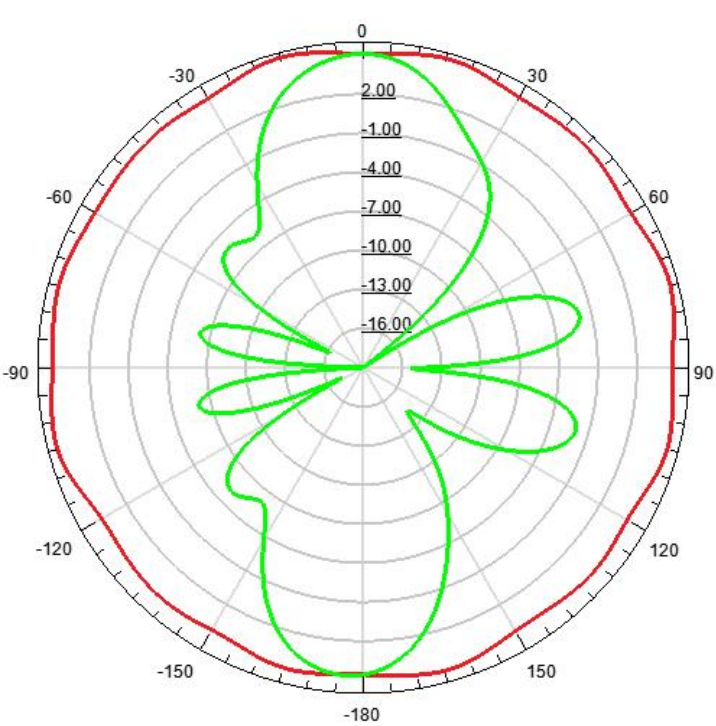


6.Gain

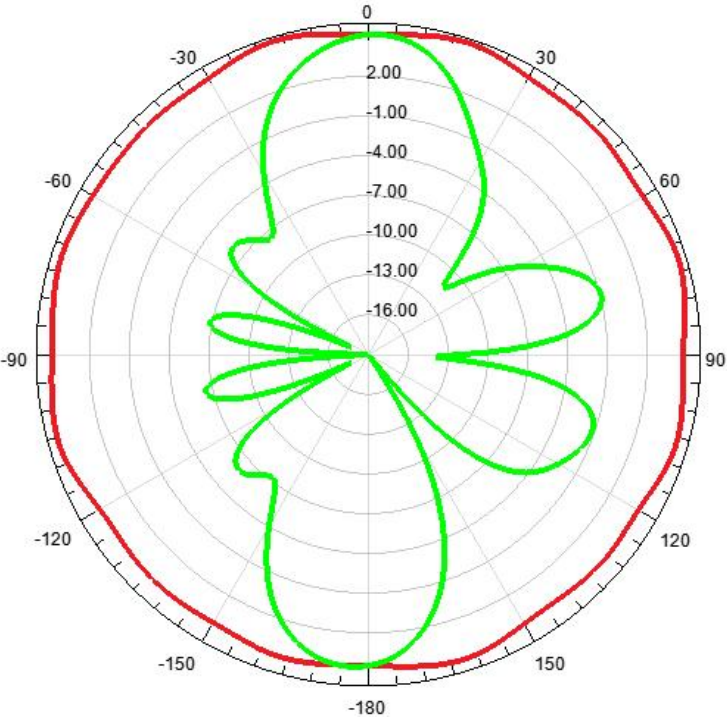


2.4G Gain And Efficiency		
Frequency/MHz	Efficiency (%)	Gain/dBi
2400	61.17	5.6403
2425	63.69	6.9021
2450	66.83	7.0023
2475	70.4	6.7821
2483	71.56	6.6289

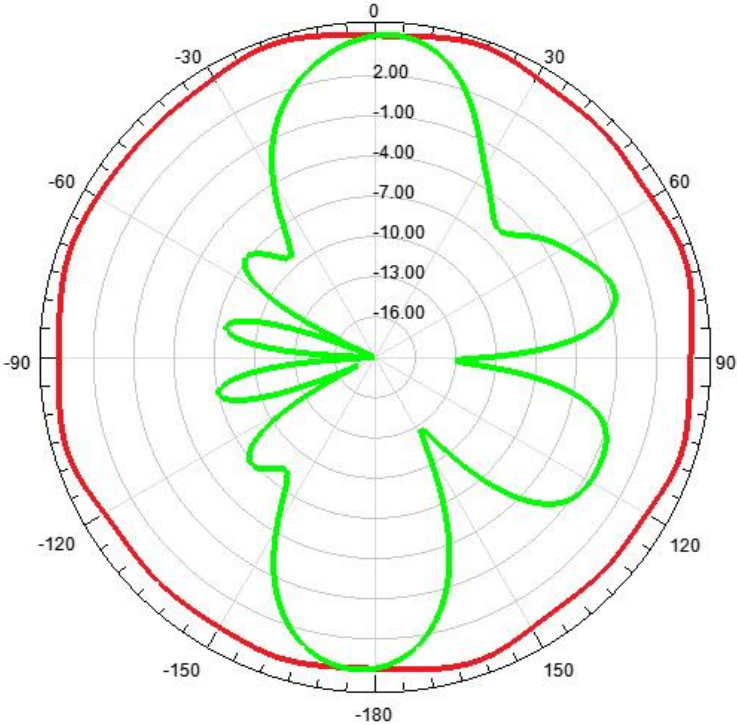
7.Radiation Pattern



2400MHz



2450MHz



2483MHz