

Antenna Specifications Description

Product: 2.4G onboard antenna

PCB version NO.:400404-

DATE: 2022-8-25

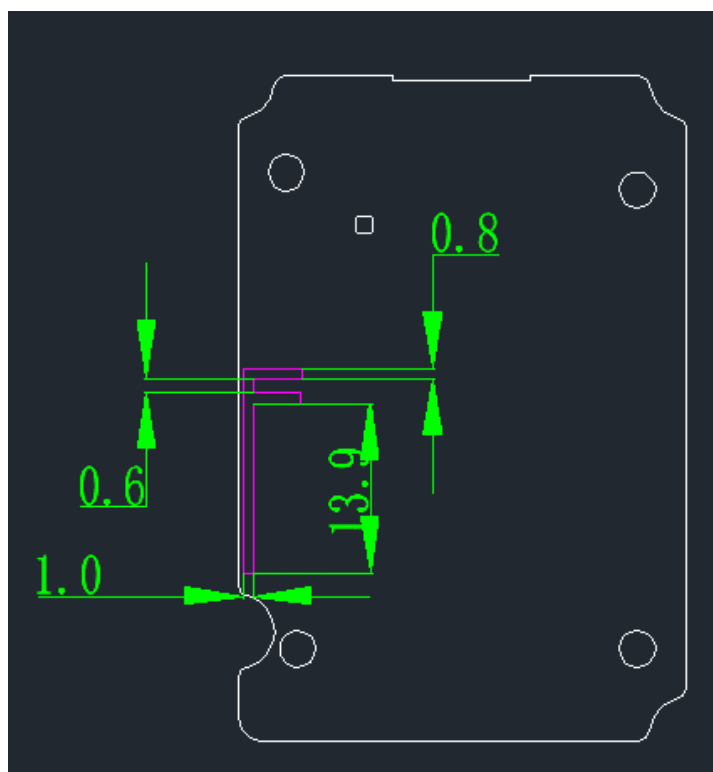
Contents

Item	Description
一、-----	Specification table
二、-----	Size
三、-----	Test report
四、-----	Efficiency and gain

—, Specification table

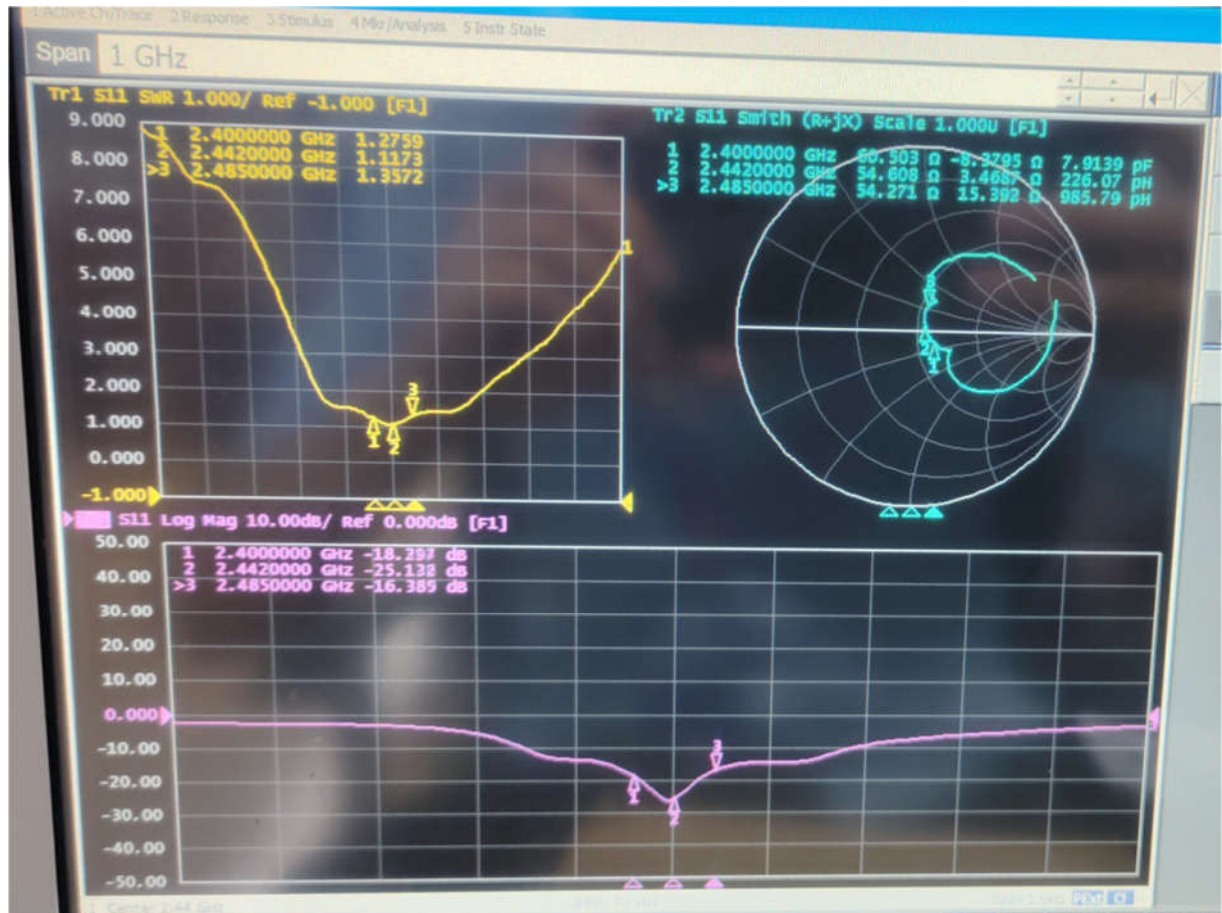
Main technical specifications	
Frequency Range(MHZ)	2400 ~ 2500
Impedance(Ω)	50
Peak Gain(dBi)	2.60
VSWR	≤ 2.0
Radiation	Omni-directional
Operating Temp	-40 ~ +85°C
Storage Temp	-40 ~ +85°C

二, Size



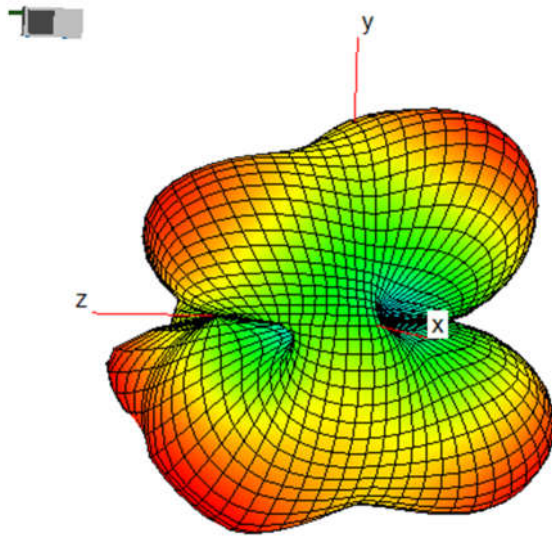
Unit:mm

三, Test report



Free/Mhz	2400	2442	2485
S11	-18.2	-25.1	-16.3
VSWR	1.27	1.11	1.35

四, Efficiency and gain



Freq(Mhz)	Effi(%)	Gain(dBi)
2400	44.3	1.21
2410	45.2	1.50
2420	47.2	1.94
2430	48.8	2.21
2440	50.7	2.40
2450	52.5	2.60
2460	53.7	2.54
2470	54.7	2.48
2480	53.6	2.19
2490	51.9	1.78
2500	49.7	1.27