
Dongguan Gaochang electronic technology Co., LTD

Product specification

CUSTOMER:

CUSTOMER P/N:

GC-0176L-L=103MM

OUR MODEL NO:

2.4G Antenna L=103MM

SPECIFICATIONS:

August 23, 2023

ISSUE DATE:

Dongguan Gaochang electronic technology Co., LTD			Customer recognition
Engineering	Quality	Approved	
Jeff.Xie	Guanyu Lu	Jeff Chen	

一. Performance parameter

Frequency range	2400-2500MHz
Voltage standing wave ratio	<3.0

GAIN	2dBi
Input Impedance	50Ω
Working Temperature	-45℃~+85℃
Storage Temperature	-45℃~+85℃
Cable+FPC	1.13 black line(103MM)+copper pipe

二. VSWR (Test Instrument)

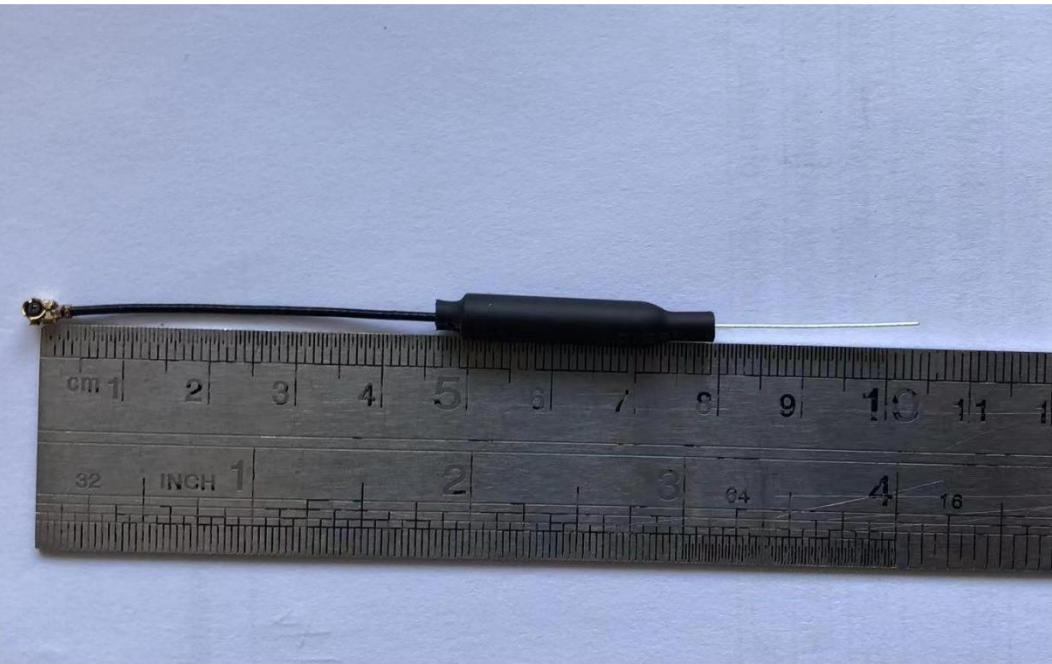
Test Date: August 23, 2023



三. Reflection attenuation



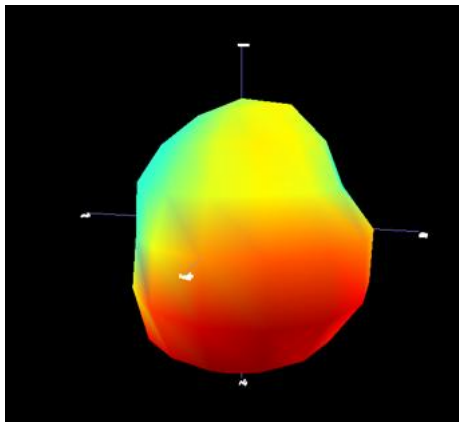
四. Assembly drawing



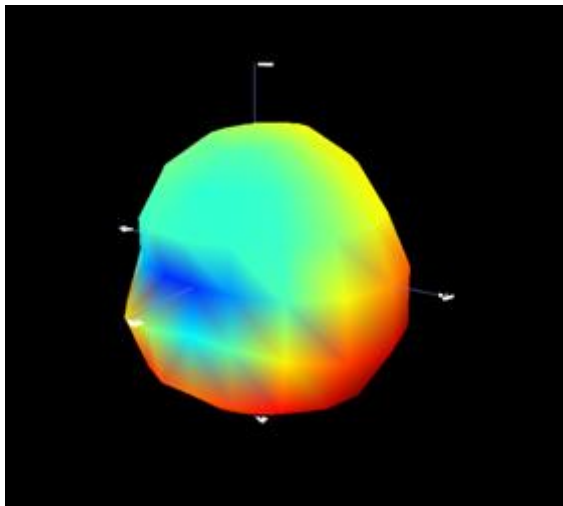
五. Test 3D Report

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	irectivit (dBi)
2400	65.87	-1.81	2.43	0.28	33.233	32.638	2.43	-14.65	4.24
2450	71.88	-1.43	2.37	0.22	35.497	36.383	2.37	-13.15	3.8
2500	78.57	-1.05	2.65	0.5	36.366	42.203	2.65	-13.11	3.69

Frequency: 2400MHZ Gain: 2.43dbi



Frequency: 2450MHZ Gain: 2.37dbi



Frequency: 2500MHZ Gain: 2.65dbi

