



Product Specification

Client: **Shenzhen Geniatech INC., LTD**

Part Number: _____

Description: **External WiFi Antenna**

Vendor P/N: **BGS-001F (RA version)**

Manufacture: **Shenzhen Bogesi communcatioon technology co., ltd**

Date: **MAY 27th,2021**

Supplier Chop	Vendor Chop



Scope:

This solution for Geniatech External WiFi Antenna only

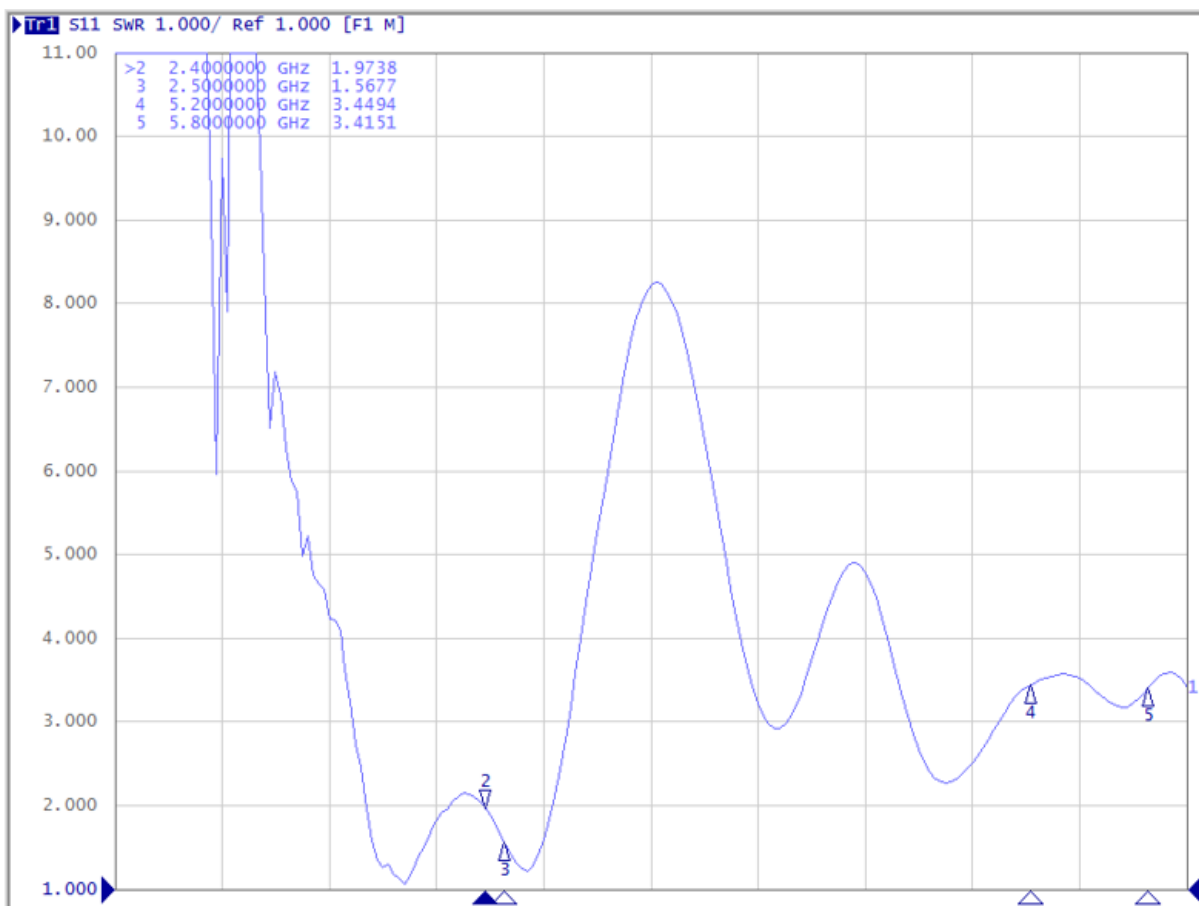
Electrical specification

Frequency	2.4/5.8G	Material	Composite material
Input impedance	50Ω	Operating temperature	-40℃~+65℃
wave ratio	See below	Temperature of storage	+19℃~+23℃
Gain	>0dBi	Connector specification	RP-SMA-J
Polarization mode	Cable Polarization		

Test conditions and methods:

Test Enviroment and machine	Test method	Test result
Aglient E5071B Network Analysis Machine	The wifi antenna connected with Analysis machine to test antenna wave ratio	Below Data

Test Data:

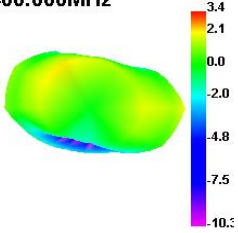


2400M-2500M

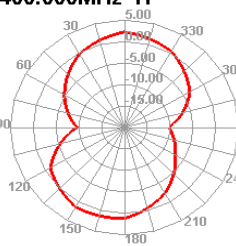
Freq (MHz)	Effi (%)	Gain (dBi)
2400	80.76	3.45
2410	85.84	3.78
2420	81.13	3.81
2430	83.86	4.12
2440	83.46	3.96
2450	84.27	4.14
2460	78.44	3.92
2470	82.48	4.12
2480	78.56	3.91
2490	83.22	4.16
2500	80.21	4.1

2400/2450/2500MHz

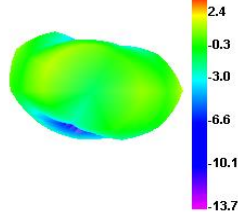
2400.000MHz



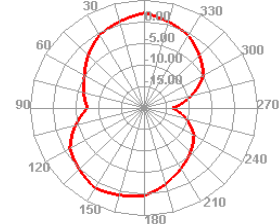
2400.000MHz H



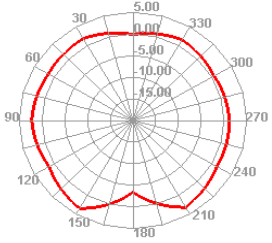
2450.000MHz



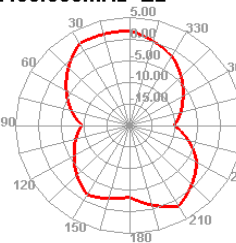
2450.000MHz H



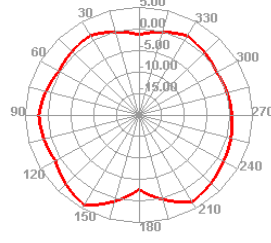
2400.000MHz E1



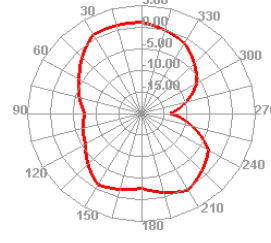
2400.000MHz E2



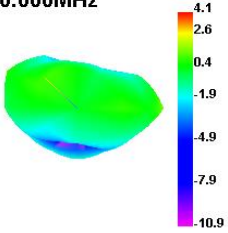
2450.000MHz E1



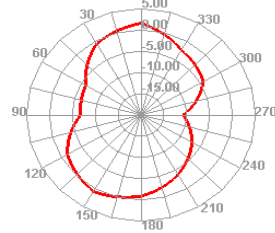
2450.000MHz E2



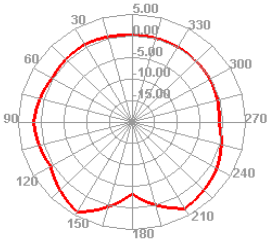
2500.000MHz



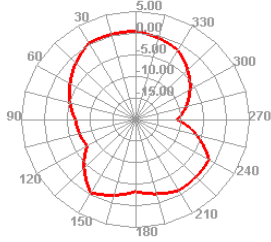
2500.000MHz H



2500.000MHz E1



2500.000MHz E2





Sample Picture:





深圳市博格斯通信技术有限公司
shenzhen bogesi communication technology co.,ltd

Packing

Carton

Front



Side



Inner packing

