

Antenna Test Report

1.Quick Reference Date

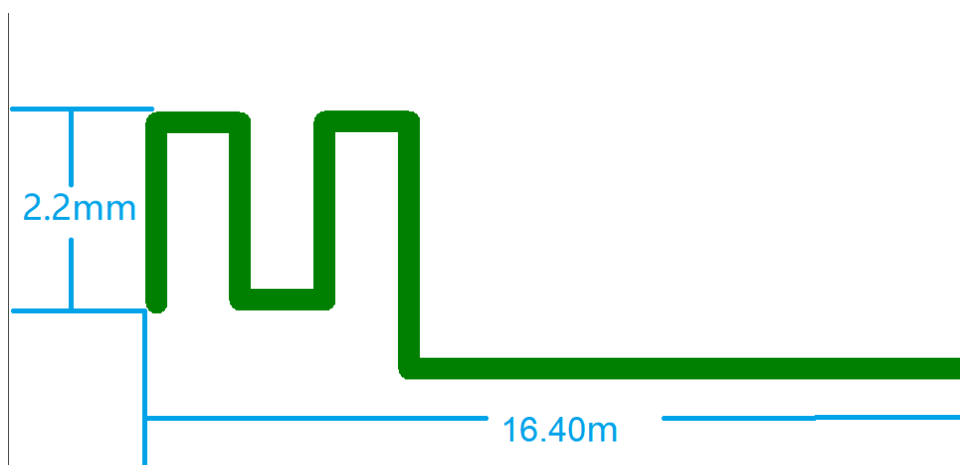
	Antenna module on the system board	
Frequenc Range	2.400 ~ 2.450	GHz
Ant. Port Input Pwr.	0 (Typ. BT class 2 output power)	dBm
Tot. Rad. Pwr.	-1.2 (Input pwr – loss pwr)	dBm
Peak Gain	2.21	dBi
Directivity	1.2 (all direction antenna)	dBi
Efficiency	60%	
Gain	0 (Avg Gain XY-plane)	dBi
Maximum Power	4	w
Minimum Power	0	w
Avg. Power	2(XY-plane)	w
Input Impendence	50	ohm
Polarization Type	Vertical & Horizontal	
Antenna type	PCB antenna	

Company: Dongguan Niyajia Technology Co., Ltd.

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All the technical data and information contained herein are subject to change without prior notice.

2.Antenna Layout & module on the system board

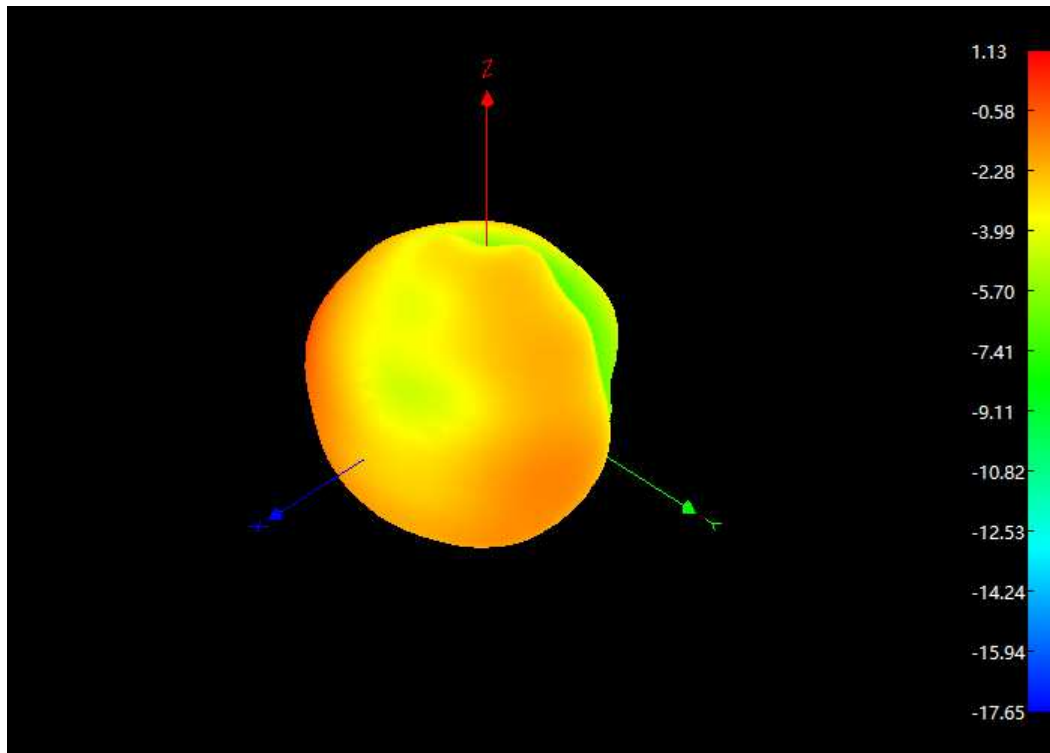


3. Measurement Results

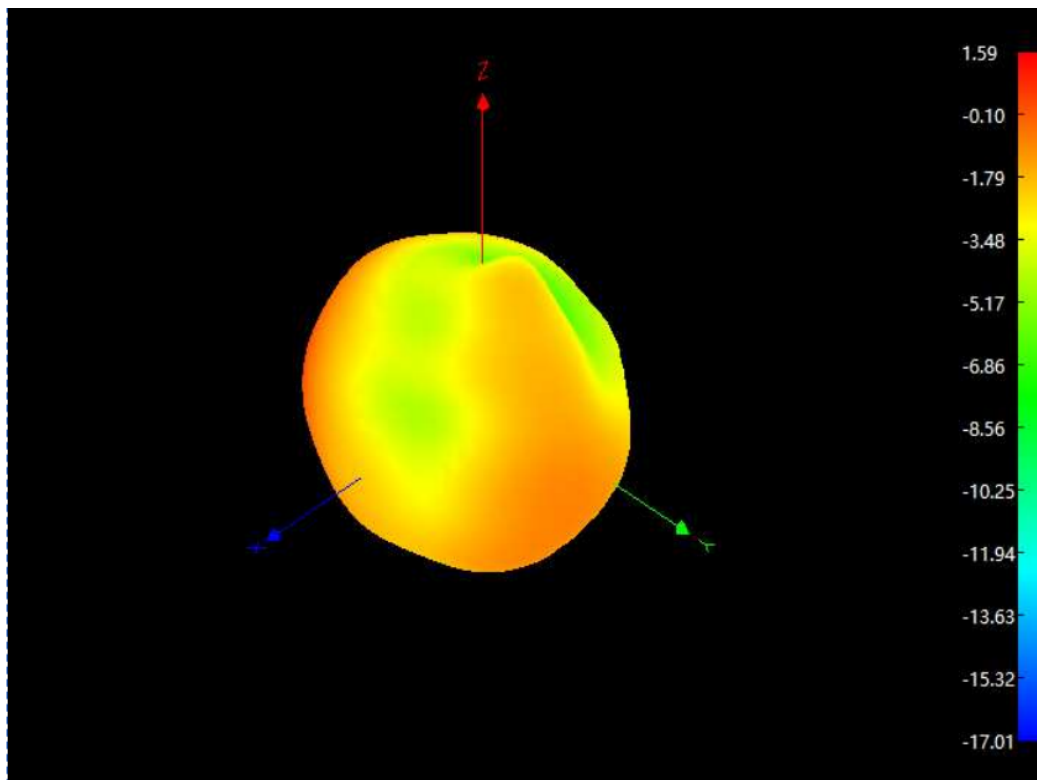
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	40.82	1.13
2410MHz	41.46	1.24
2420MHz	41.69	1.47
2430MHz	41.78	1.82
2440MHz	41.3	1.64
2450MHz	43.35	1.59
2460MHz	43.55	1.75
2470MHz	44.36	2.18
2480MHz	43.35	1.97
2490MHz	46.24	2.21
2500MHz	44.87	2.01

Antenna test 3D diagram

2400



2450



2480

