

Product Specifications

MODEL NAME	HJ-WF002	
DRAFTED	CHECKED	APPROVED

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1. Introduction

The WF002 antenna is designed with patented technology, which enable us to deliver high performance with limited space. WF002 antenna is a single -band antenna which has features of easy integration, high flexibility to be adapted to customer product form-factor. It is pre-tuned for customer integration which allows us to cut the product deployment time. With these excellent features WF002 antenna is ideal solution as an embedded for small handheld devices, This antenna was designed to accommodate most WLAN applications, such as access points, routers, and gateways.

2. Features

The WF002 antenna is defined by following features:

- IEEE 802.11n and 802.11 b/g standards
- On-board mount or case mount
- 3.6dBi peak gain
- High efficiency
- Quick integration

3. Specification and interface

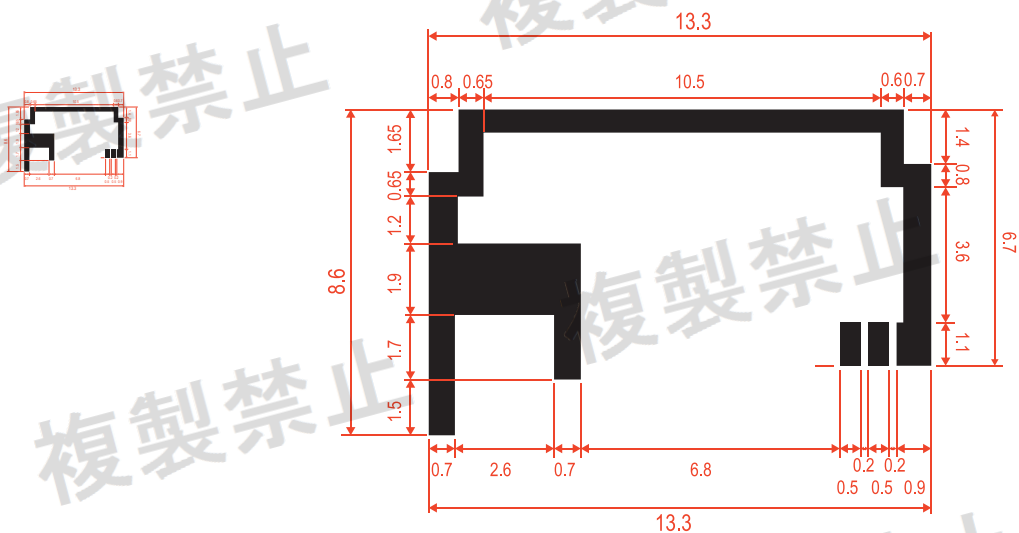
	Standard	IEEE 802.11n and 802.11b/g
	Frequency Range	2.4-2.5GHz
	Impedance	50 Ohm
	Peak Gain	3.6 dBi
	VSWR	2.0 (Max)
	Insertion Loss	2.0 db (Max)
	Interface	1.13mm diameter, micro coax cable

4. Material Properties

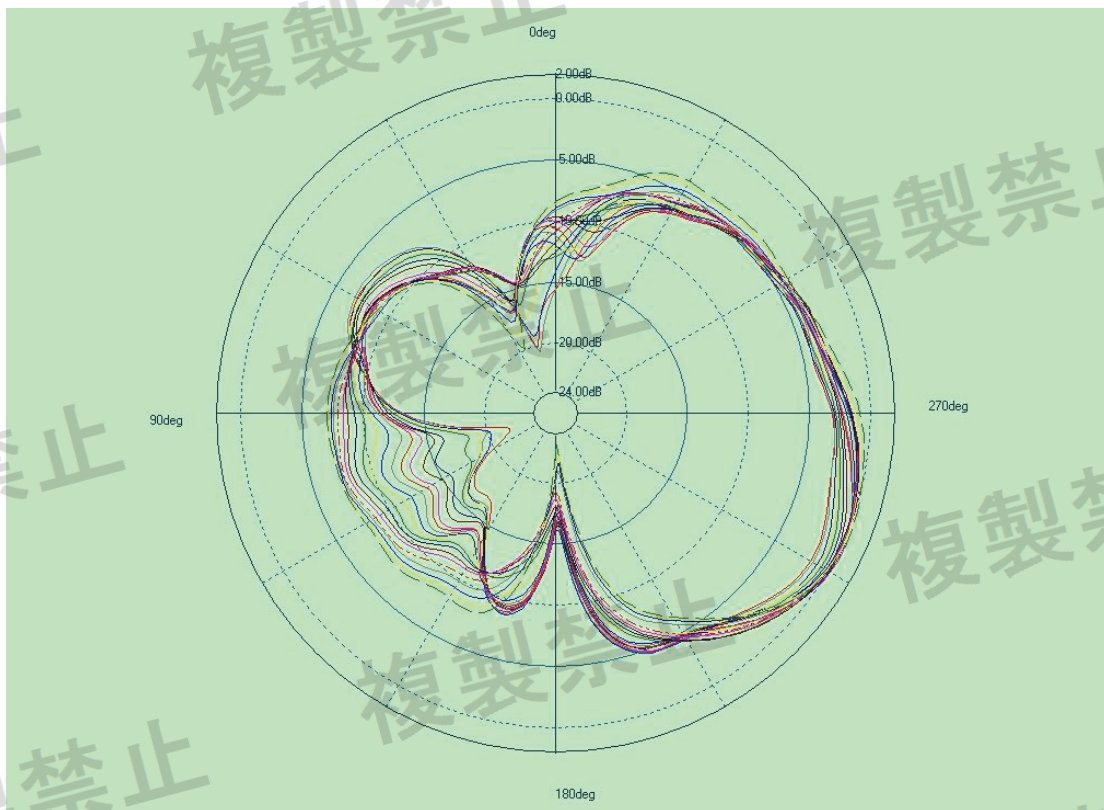
	cable	Φ1.13 coaxial cable
	Antenna	PCB (FR4)

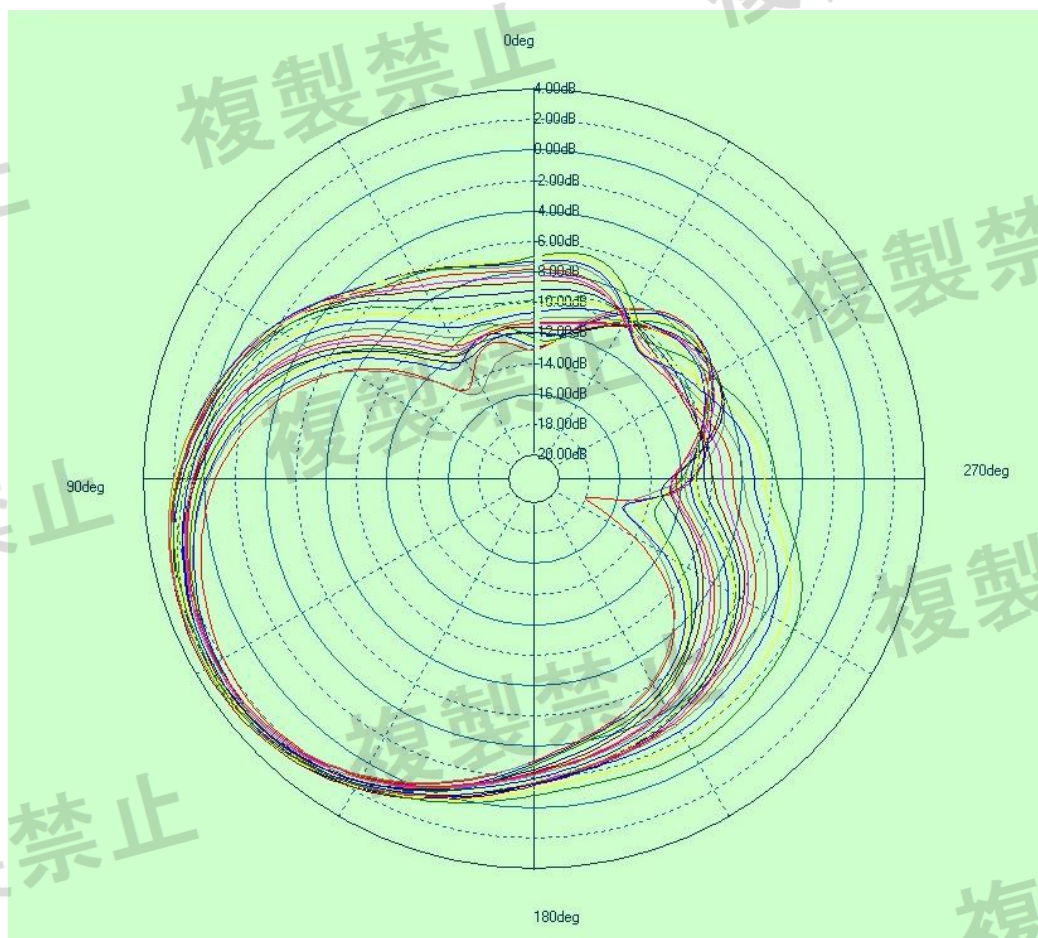
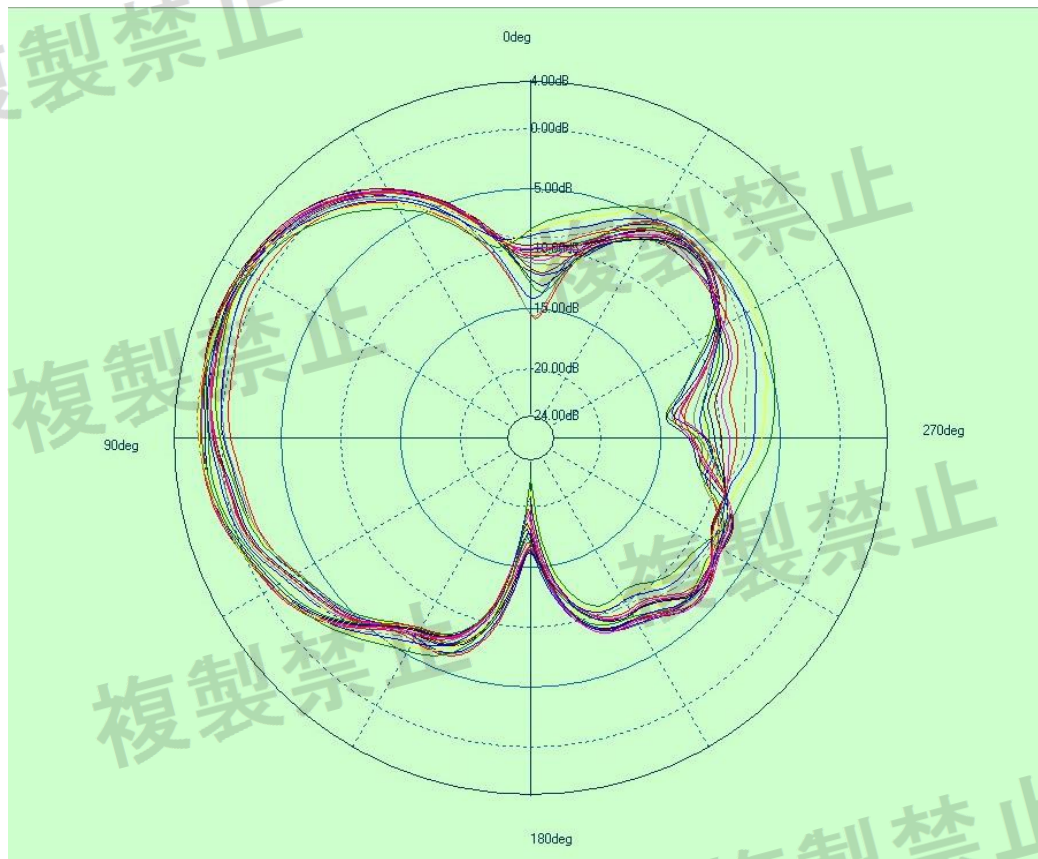
5. Dimensions

unit: mm

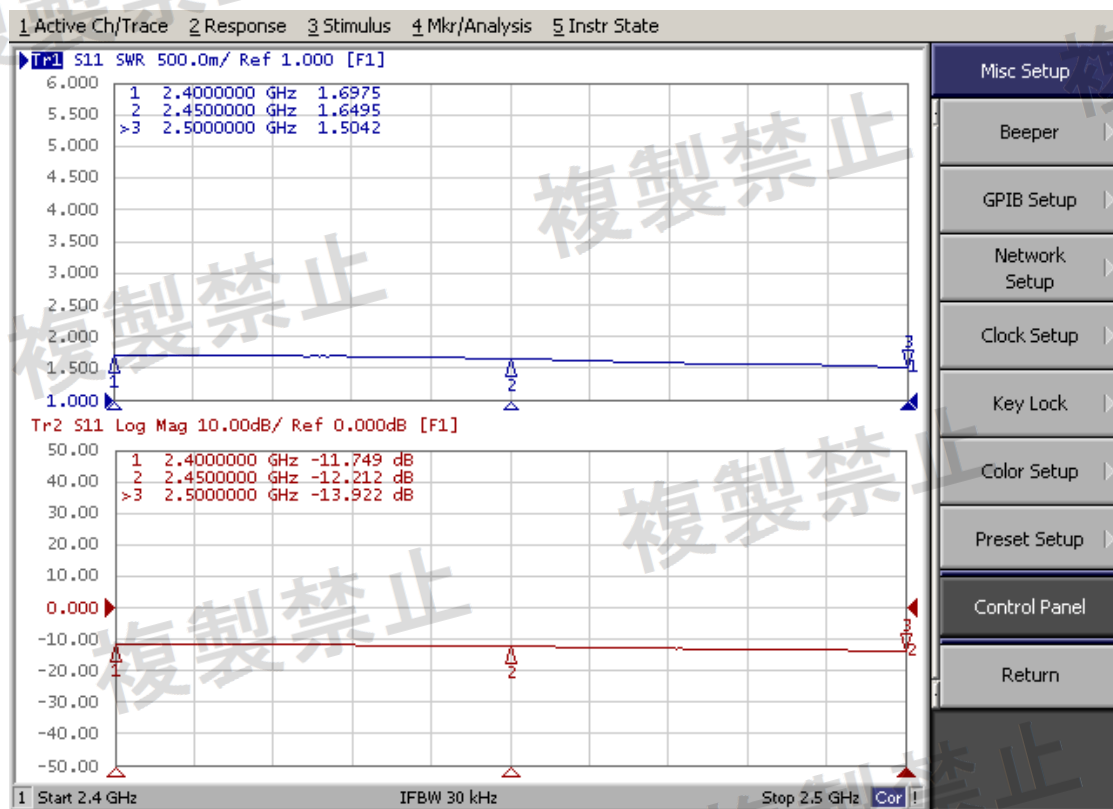


6. Radiation Patterns





7. VSWR TEST



8. Impedance test

