



**BaiKe- BK652 WIFI2.4G antenna acknowledgment
Product Specifications for Approval**

The Part number: WF2396B-A100R-A

The customer name: BaiKe Models: BK652

Antenna band: WIFI2.4G

Version: R-A

Date: 2022-9-5

Shenzhen ShunDaCheng Technology Co.,Ltd.			
MD:	Yulong zhang	RF:	Liwen Ceng
Audit:	Qiang Chen	Approval:	Huaming Chen
Customer Confirmation			
Customer audit:		Customer approval:	

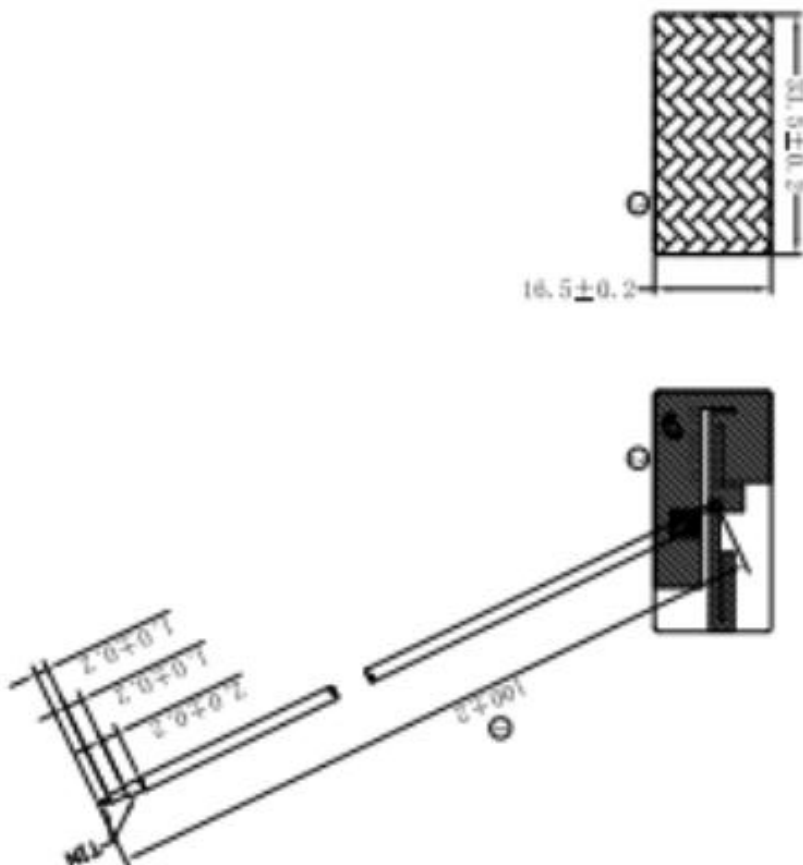
Company address: Floor 4, building B5, xinfu industrial park, chongqing road, fuyong town, baoan district, shenzhen

The phone: 0755-27211658

Fax: 0755-29485750

REF	DATE	DESCRIPTION	ROW NO.	NAME
A	200808	NEW BUILDING		NEW BLD

BK652 SERIES 2.4G FPCB Antenna(Up side)



			PART NO:
6		SUN M. OONE ELECTRONICS CO., LTD	W/P2396B-A100R-A
7		TITLE: 2-4G FPCB Antenna(Up side)	
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[ARTICLE: 044032 V4]

1. Project information and Electrical Specification

Those specifications were specially defined for **BaiKe-BK652** , **WIFI2.4G**, and all characteristics were measured under the model's handset testing jig .

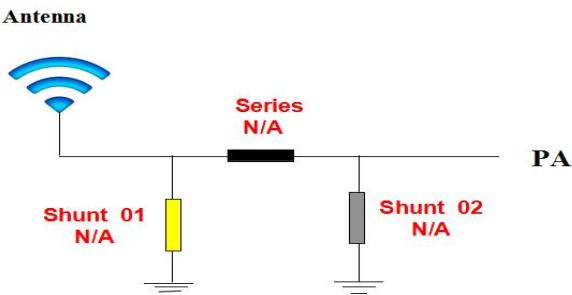
1-1 Antenna picture



1-2 Frequency Band:

Frequency Band	MHz
WIFI2.4G	2400-2500 (MHz)

1-3 Impedance matching



Antenna original match without change

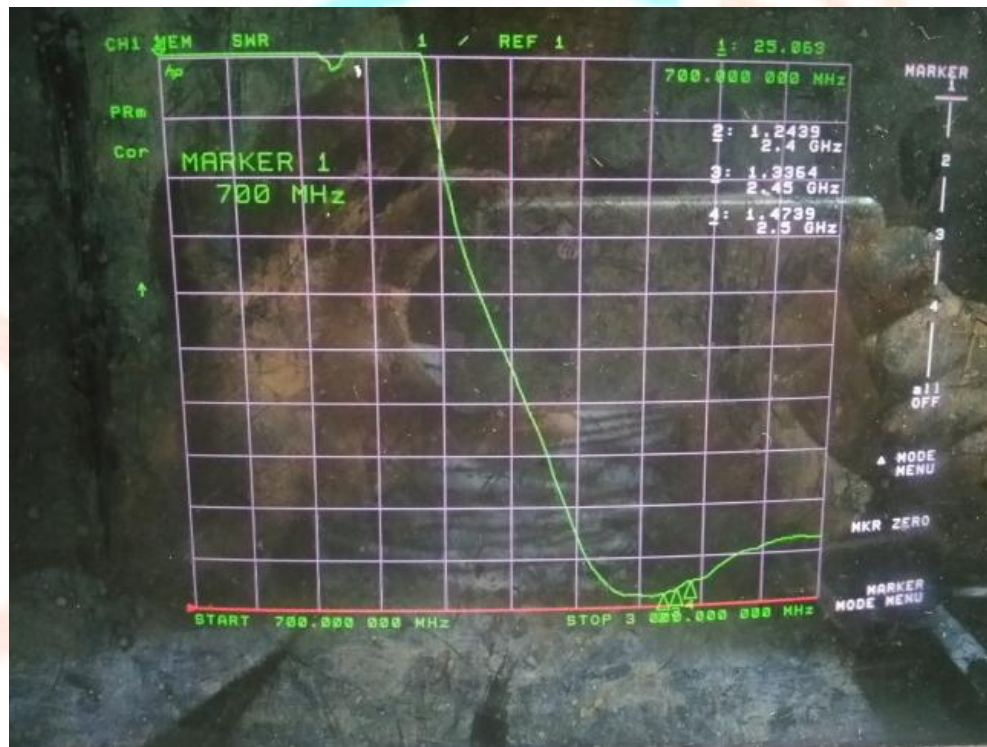
2.VSWR

Measuring Method:

1. A 50 Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the VSWR,
2. Keeping this jig away from metal at least 20cm.

VSWR parameter values

frequency (MHZ)	2400	2450	2500
Standing wave	1.24	1.33	1.47



3. Efficiency and Gain*measuring and test instruments:

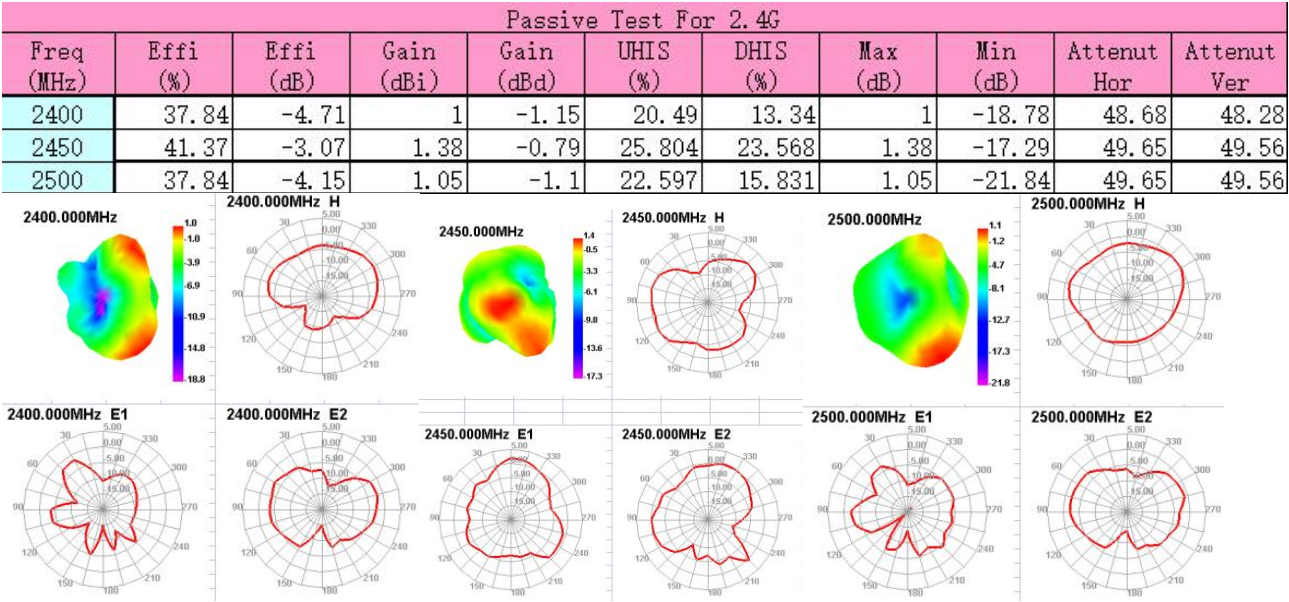
Microwave Darkroom, Agilent Network Analyzer, Agilent Spectrum Analyzer, 8960 Integrated Tester, Standard Antenna

* Test method:

The equipment is fixed at the center of the turntable in the center of the turntable, with the center of the horn antenna on the same horizontal line.

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Efficiency/Gain-WIFI2.4G



4.The production index

Antenna production, the standing wave ratio as a production test standards.
According to the difference between the project itself, given the following criteria:

frequency	Production standards
WIFI2.4G	VSWR (Production products) <VSWR(Design samples)+/-0.5