



Antenna Specification

MKMZ-4LXCJLY

Customer Name: Fenghang

Antenna frequency band: wifi 2.4G

version: R-A

Developed by Shunda Cheng Technology Co., LTD			
结构:	陈巍	射频:	符学荣
审核:	曾力文	批准:	陈华明

公司地址:深圳市宝安区福永镇重庆路新福工业园 B5 栋 4 楼

Company Address: 4th Floor, Building B5, Xinfu Industrial Park, Chongqing Road, Fuyong Town, Bao 'an District, Shenzhen City

电话:0755-27211658

传真:0755-29485750

1. Project information and Electrical Specification

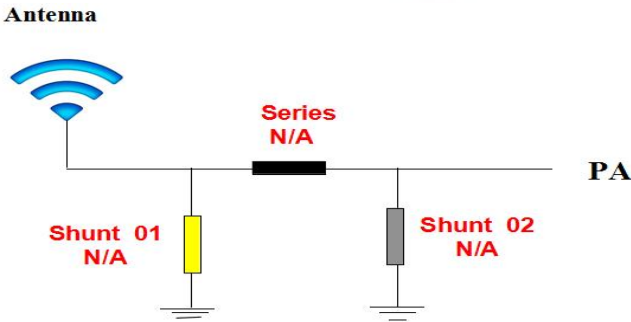
*Those specifications were specially defined for**H720**, **WiFi**,and all characteristics were measured under the model's handset testing jig .*

1-1 Antenna picture

1-2 Frequency Band:

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

1-3 Impedance matching



The original antenna matching has not been changed

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

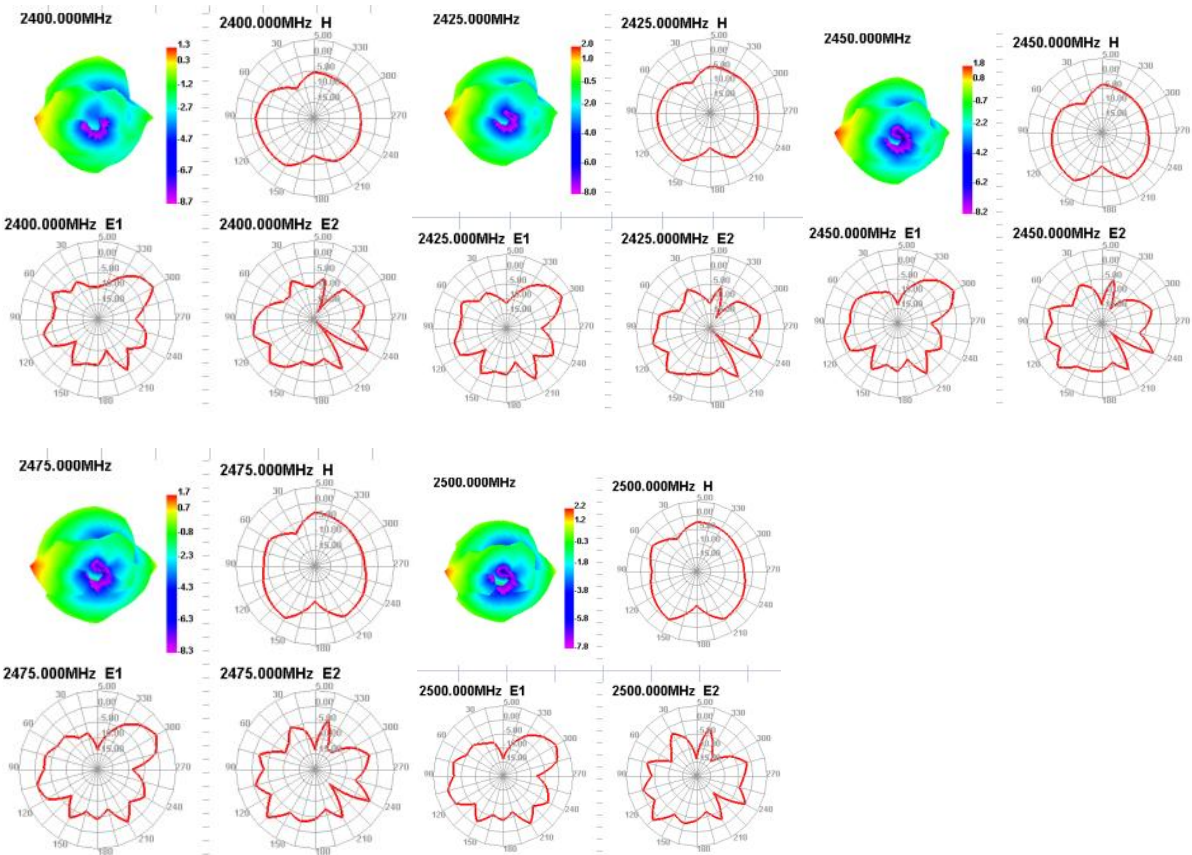
*measuring and test instruments:

*test method:

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Efficiency/Gain-WIFI

Passive Test For 2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	37.32	-4.28	1.29	-0.86	0	0	1.29	-19.52	4.28	15	48.23	48.39
2425	44.49	-3.52	1.96	-0.19	0	0	1.96	-19.01	3.52	15	48.32	48.45
2450	43.36	-3.63	1.8	-0.35	0	0	1.8	-17.47	3.63	15	48.74	48.76
2475	43.96	-3.57	1.65	-0.5	0	0	1.65	-18.06	3.57	30	49.07	49
2500	51.44	-2.89	2.24	0.09	0	0	2.24	-16.81	2.89	30	49.2	49.11



4. The production index

Frequency	Mass production standard
2400-2500 (MHz)	VSWR () <VSWR()+/-0.5