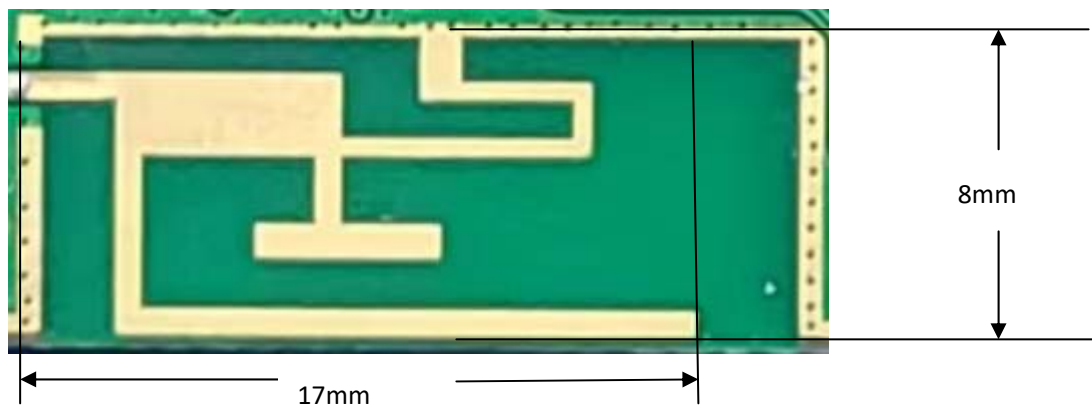


1. Antenna Description

Antenna plate	Internal antenna
Market name/Model name	WF-B122
Manufacture	Shenzhen Yuchengde Technology Co. , Ltd.
Add.	Room 301 Office Building of Liyin Electronic Co. , Ltd, No. 49 Jinkang Road, Jinsha community, Kengzi Street, Pingshan District, Shenzhen City
Antenna Max. Gain	2400~2480MHz 1.0 dBi typ. 4900~5875 MHz -1.5 dBi typ.
Frequency Range	2400~2480MHz, 4900~5875 MHz
Antenna Type	PCB Antenna
VSWR	1.1
Operating Temperature Range	-40 ~ +85 oC
Storage Temperature Range	40 ~ +85 oC
Storage Period	12 months max.
Power Capacity	2W max.

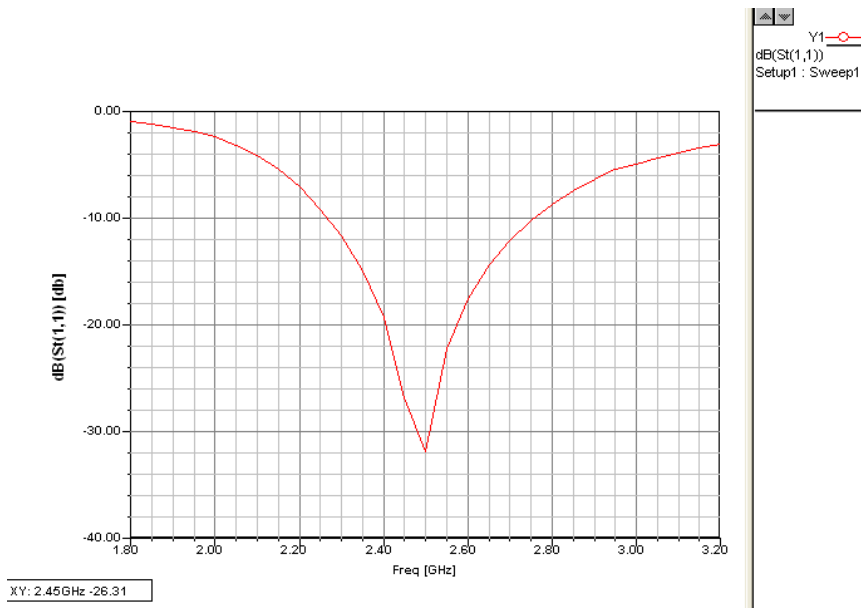
2. Picture of antenna

Dual-band 2.4/5 GHz WLAN

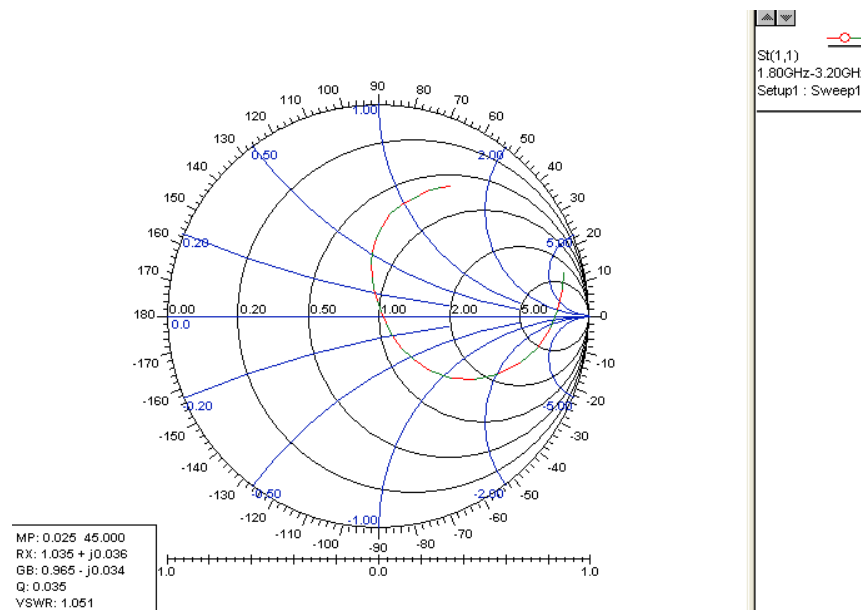


3. Measurement Result

3.1 Return Loss (S11)



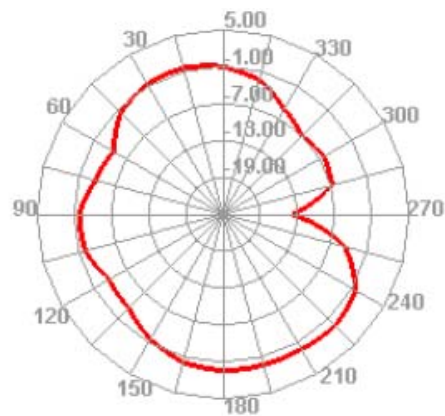
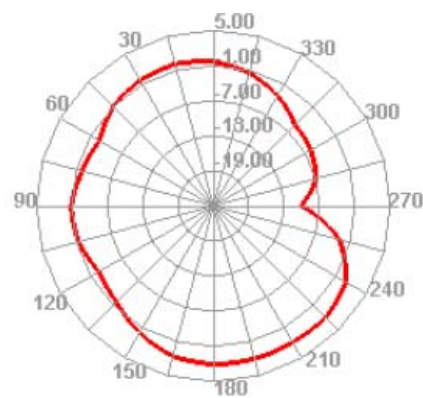
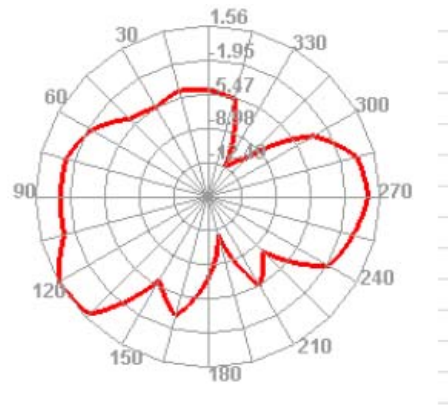
3.2 Smith Chart



4. Antenna Radiation Pattern

Radiation pattern--2.450GHz

Max.Peak Gain: 1.0dBi



Radiation pattern--5.500GHz

Max.Peak Gin: -1.5dBi

