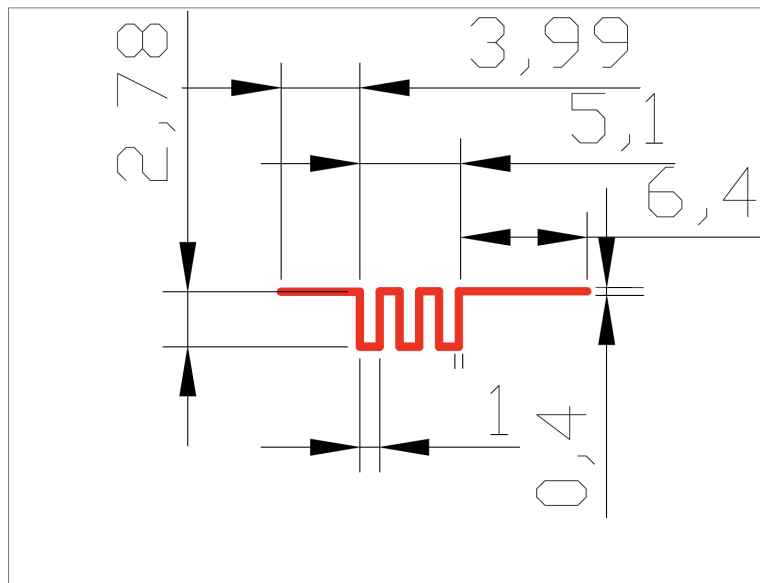


## SHENZHEN LXD-TECH Co., LTD

### PCB Antenna specification&Test report

Company	SHENZHEN LXD-TECH Co., LTD
Address	Floor 3, No. 87, Fanshen Road, Xin'an Street, Bao'an District, Shenzhen
Model	Epic Mini

## 1. Specific size of antenna (mm):

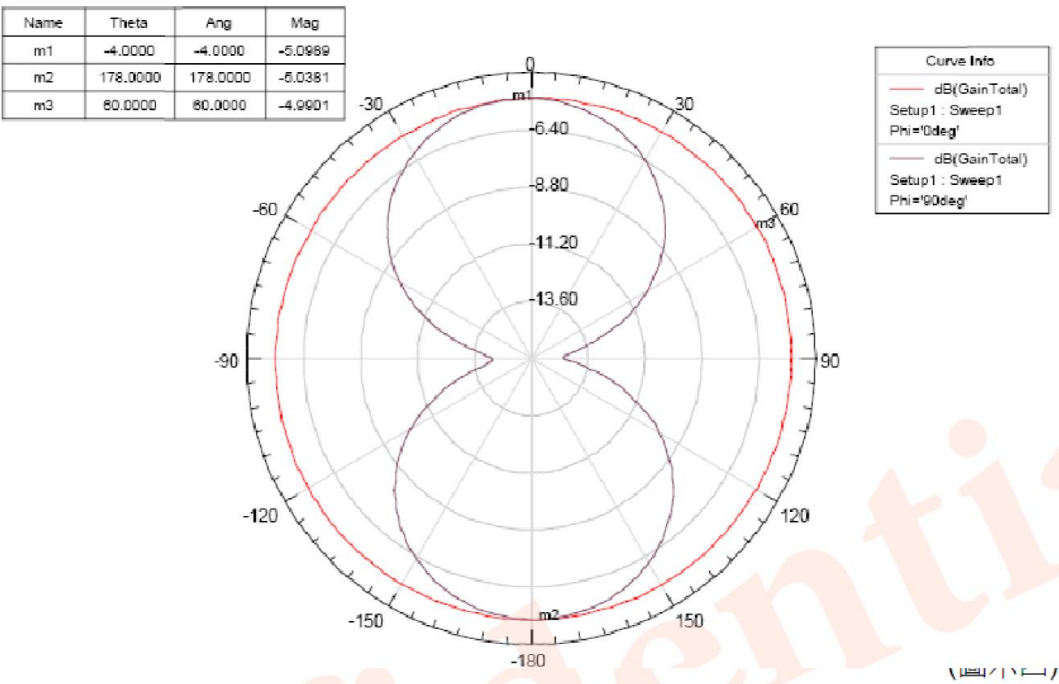


## 2. The results of antenna measurement and field shape simulation are as follows:

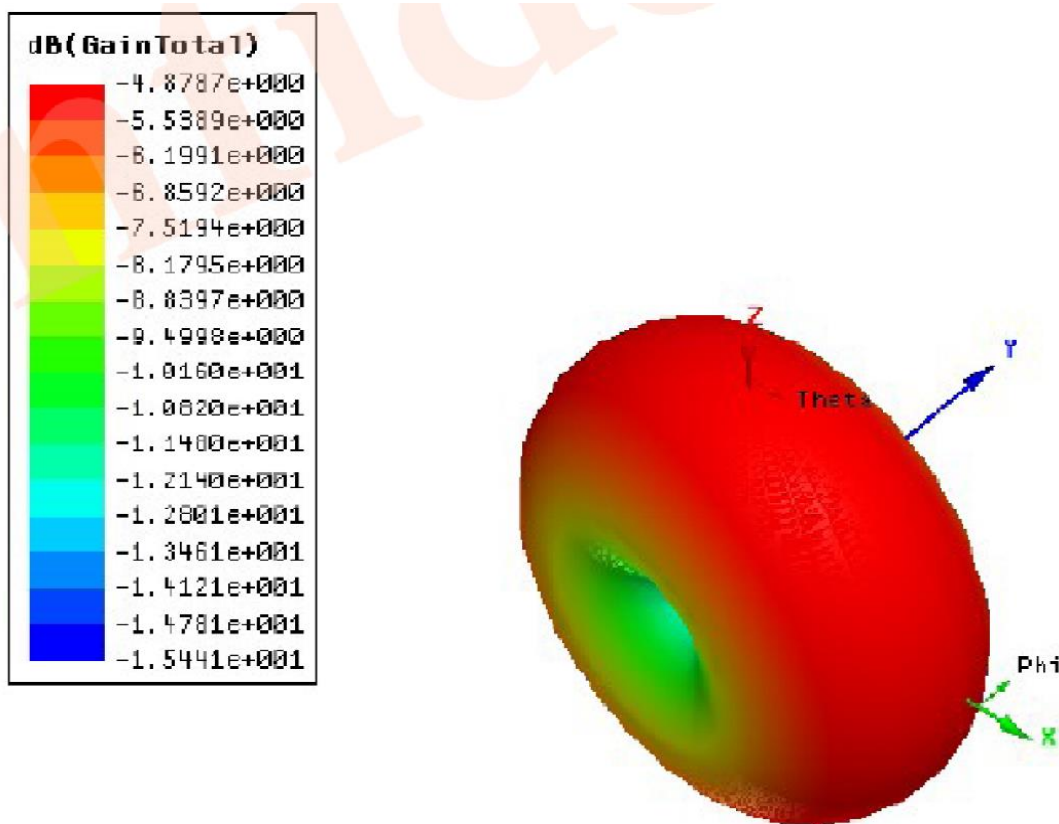
### \*Return Loss/VSWR:



**\*2D Field shape simulation diagram:**



**\*3D Field shape simulation diagram:**



According to the above measurement and simulation, the gain of this antenna can only reach about – 5dBi.

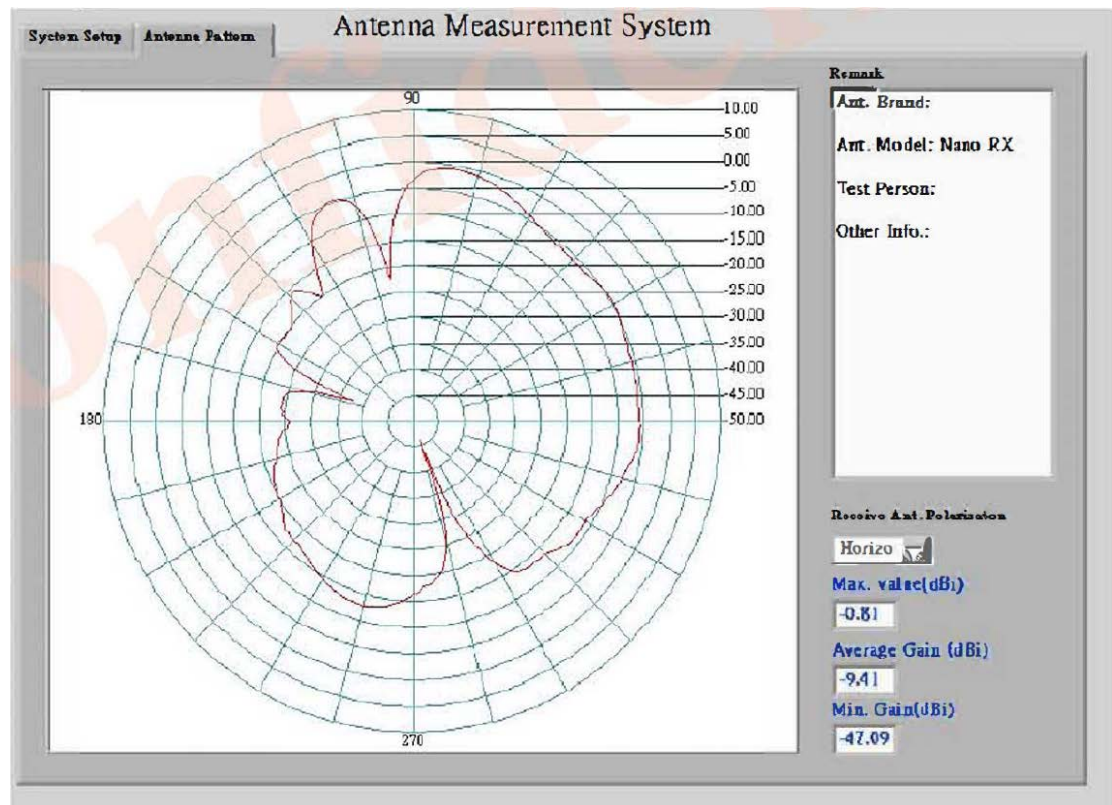
3.The actual field shape (strength) of the antenna is tested as follows:

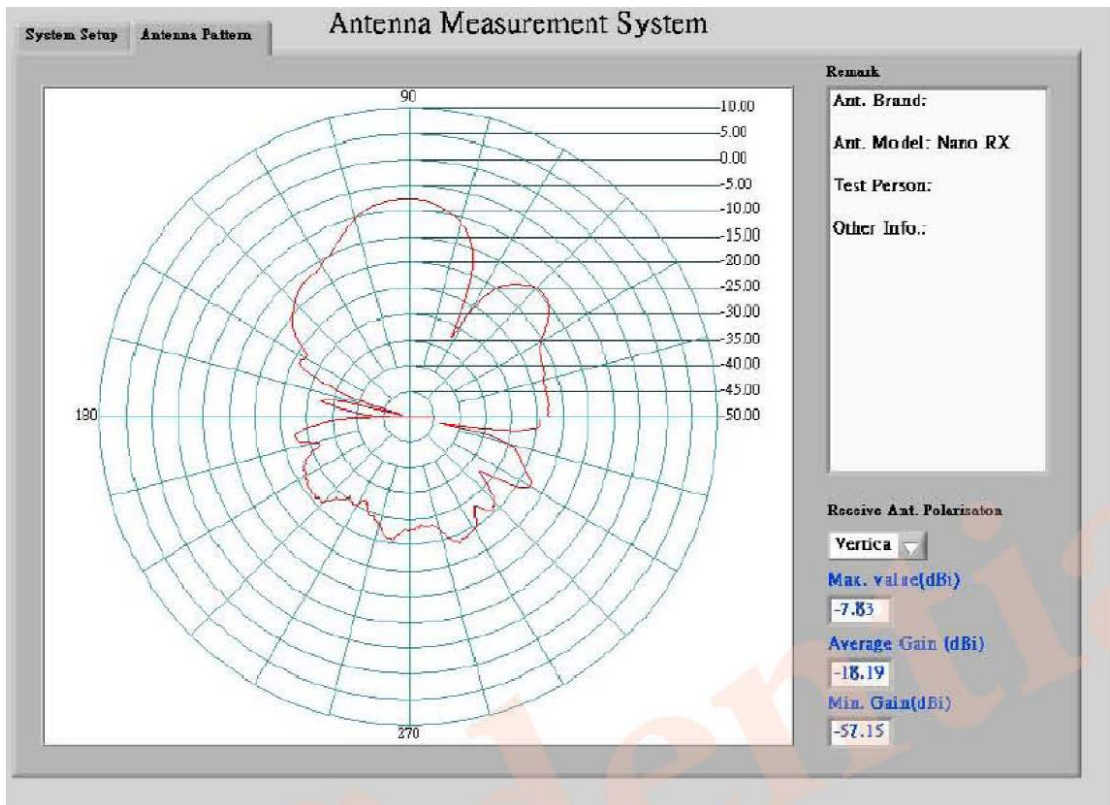
Summary

ITEM	SPEC.	
Antenna Type	PCB Antenna	
Center Frequency	2402MHz	-0.71 dBi
	2446MHz	-0.84 dBi
	2479MHz	-1.75 dBi
Max. GAIN	-0.71 dBi	
Mini. GAIN	-55.15 dBi	
AVG GAIN	-8.4 dBi	
DUT Polarization	Horizontal & Vertical	
TEST Output Power Level	10dBm	
Impedance	50Ω	

Center Frequency \_2402MHz

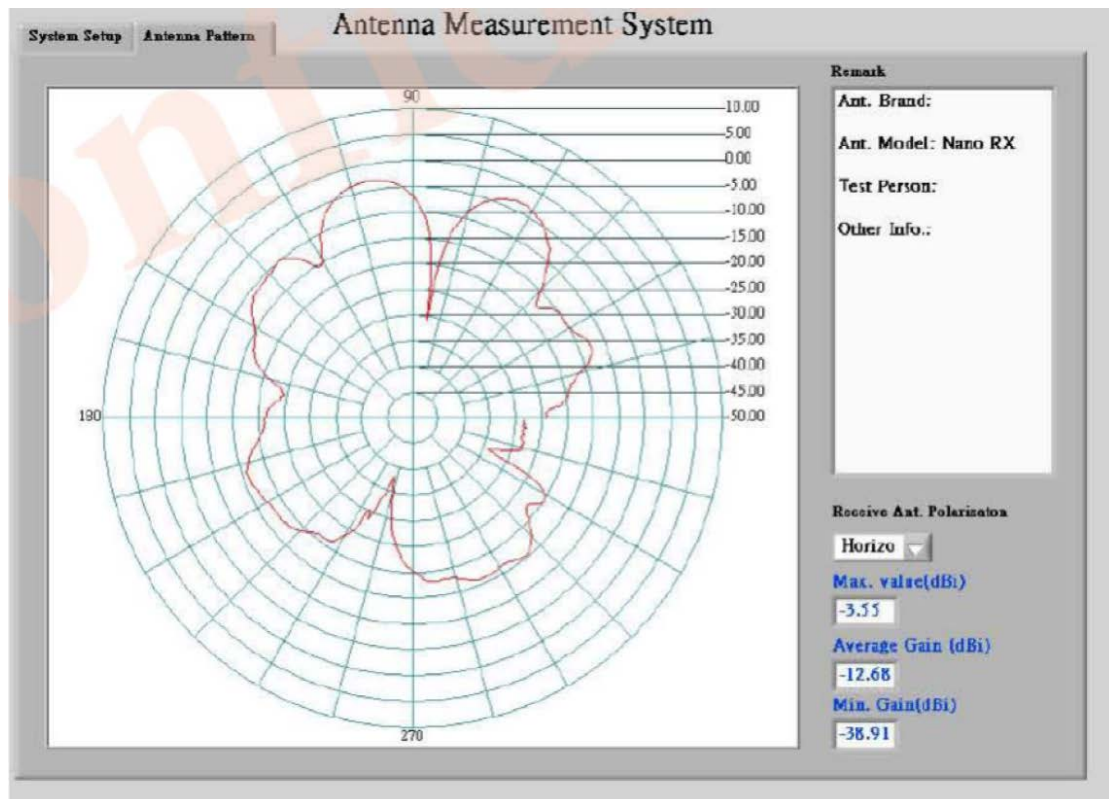
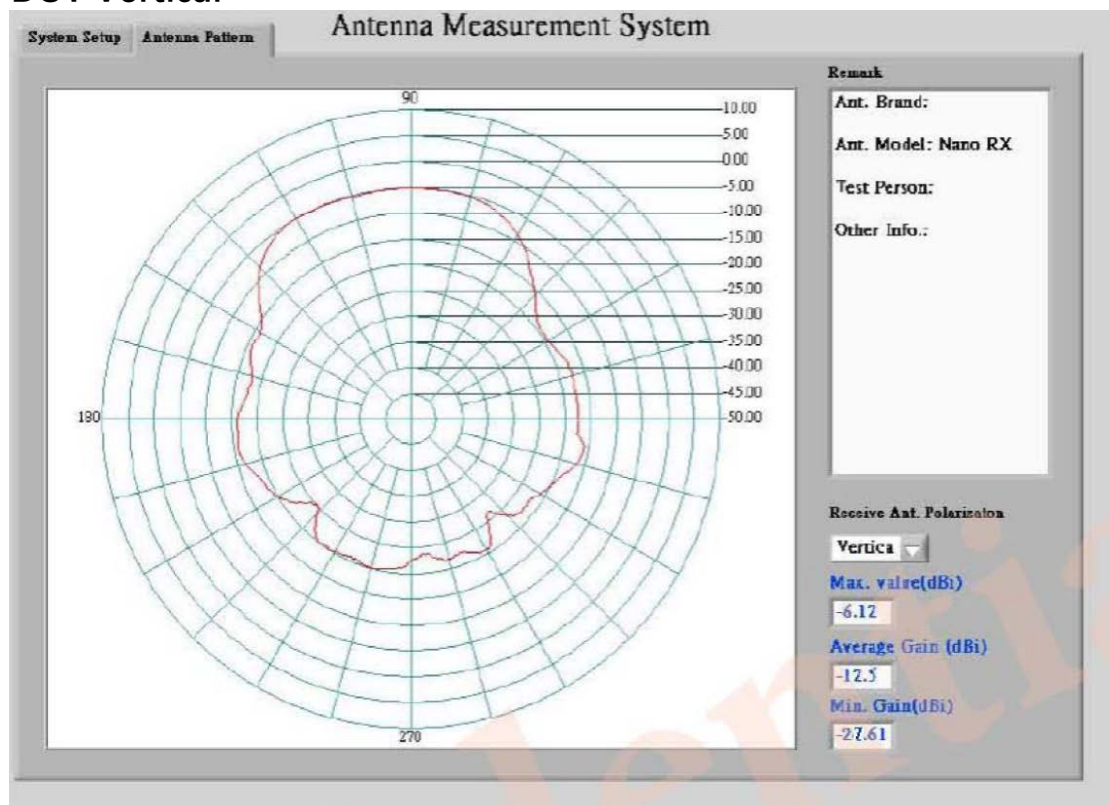
\*DUT Horizontal





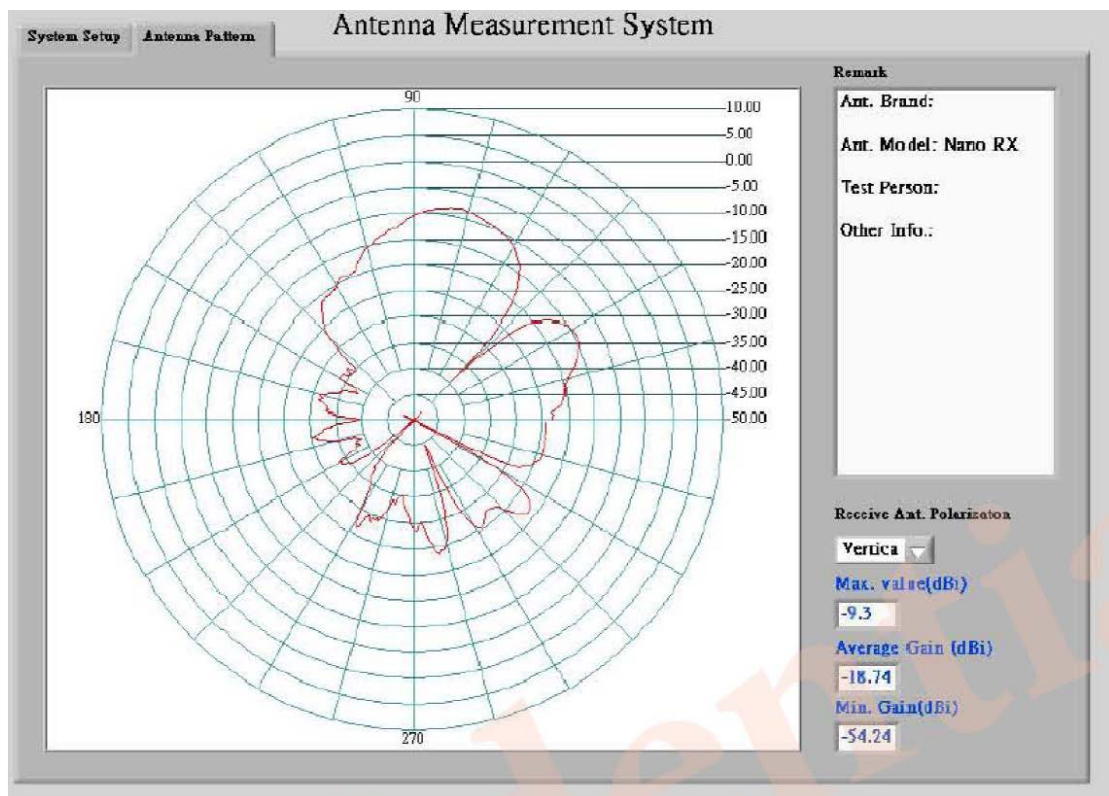
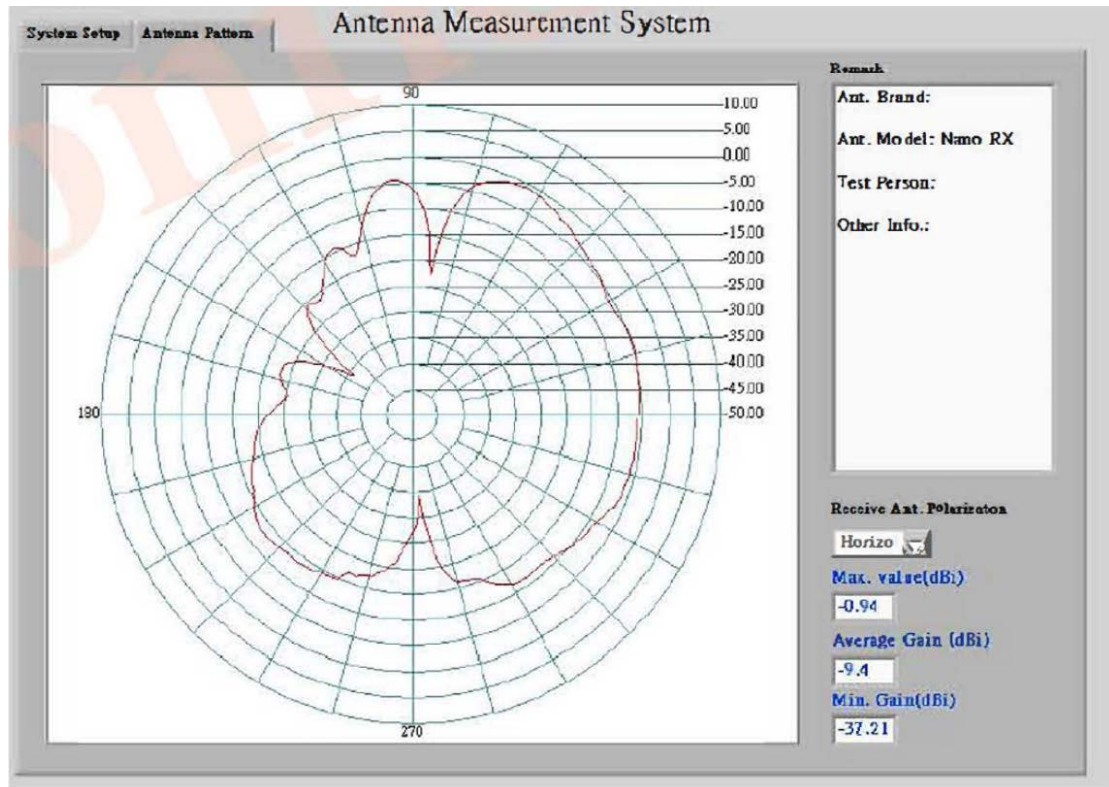


## \*DUT Vertical



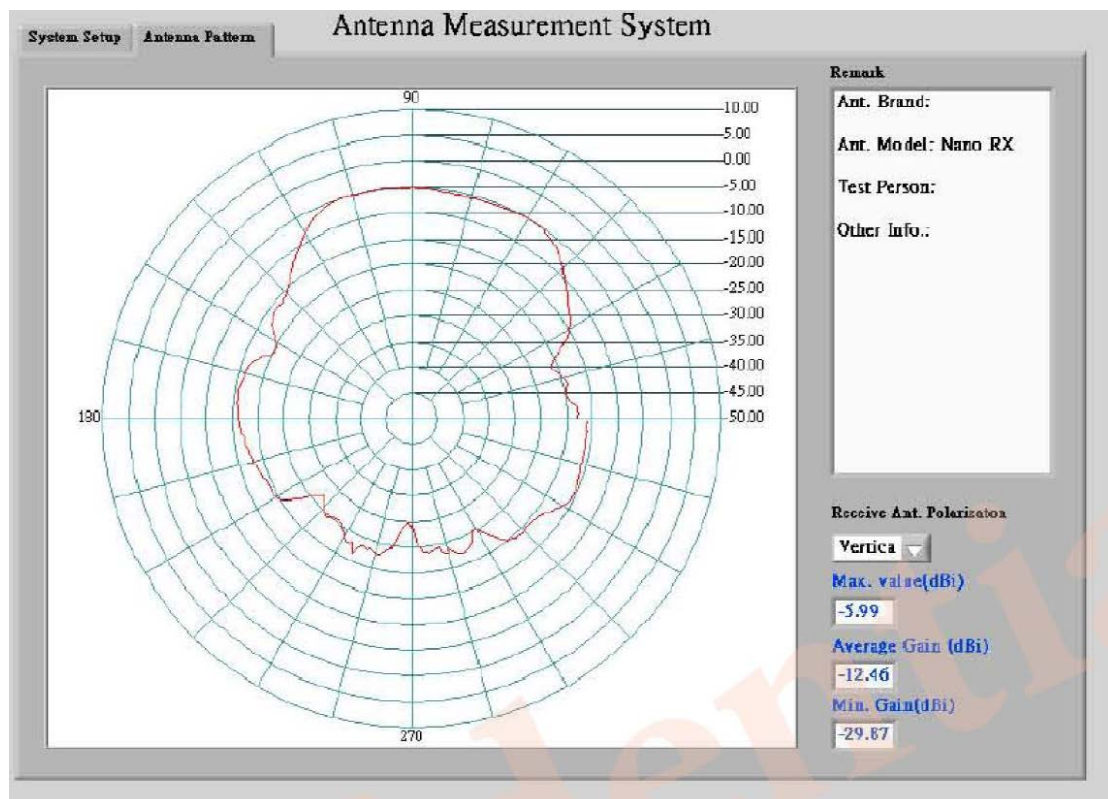
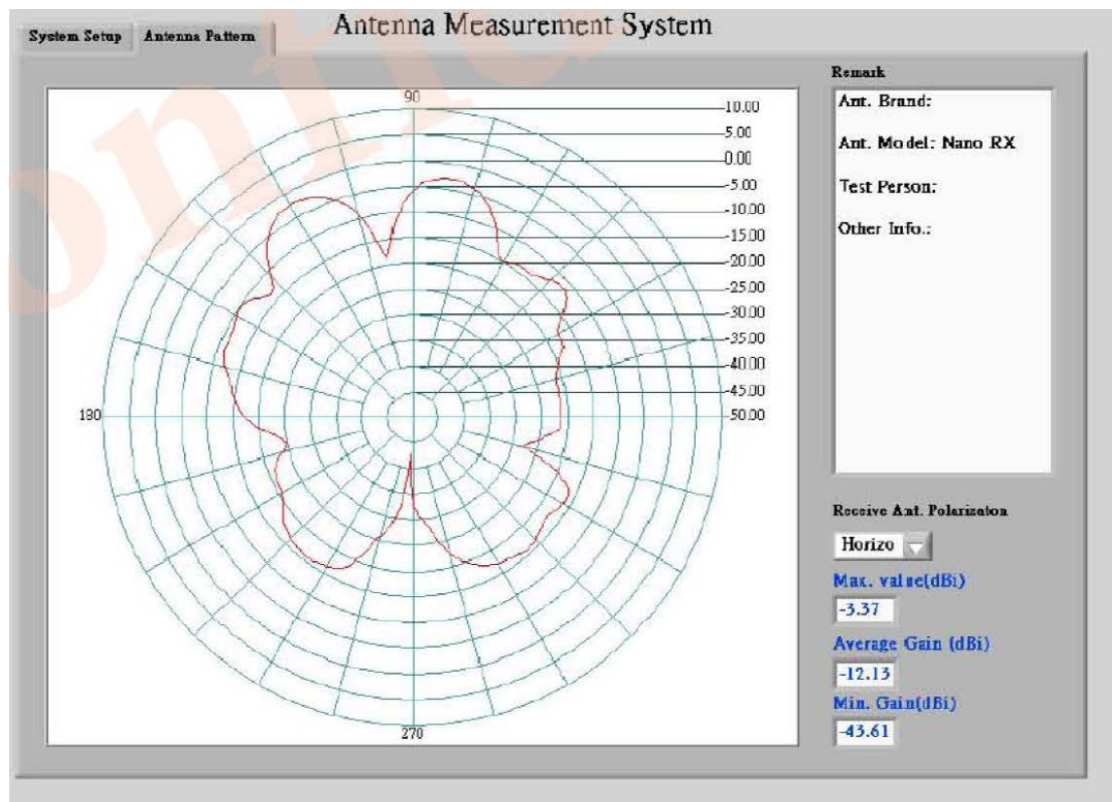
Center Frequency 2446MHz

\*DUT Horizontal





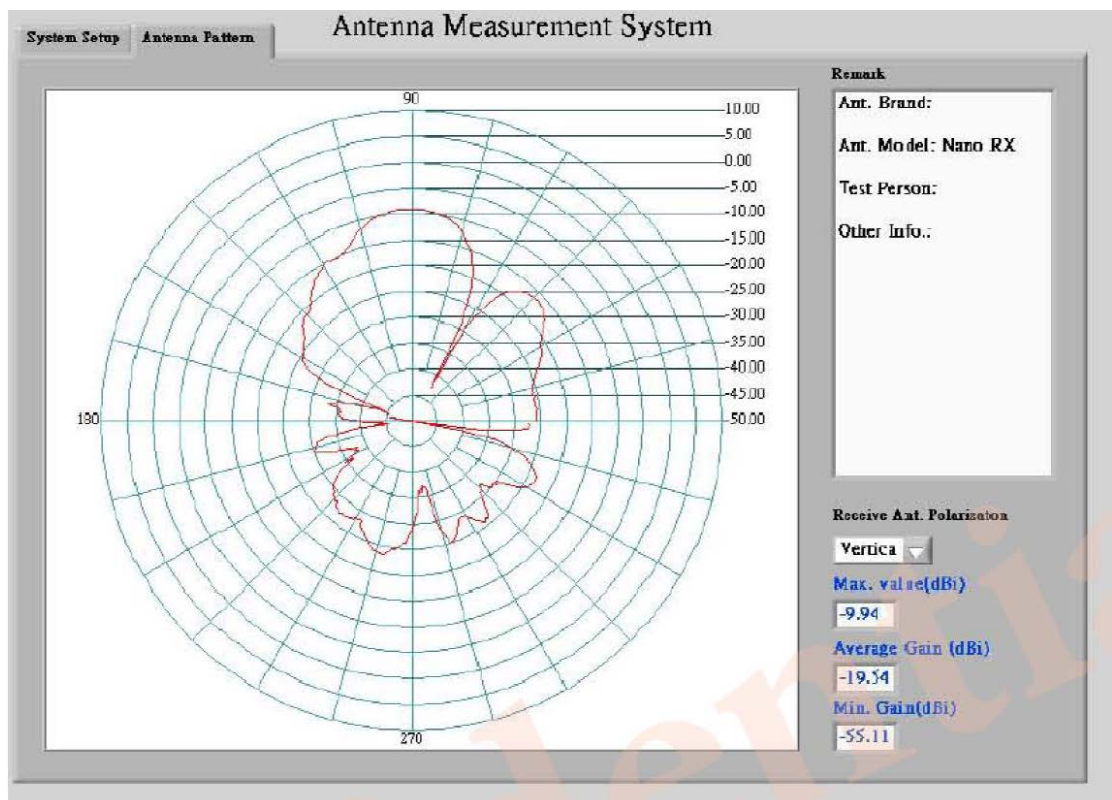
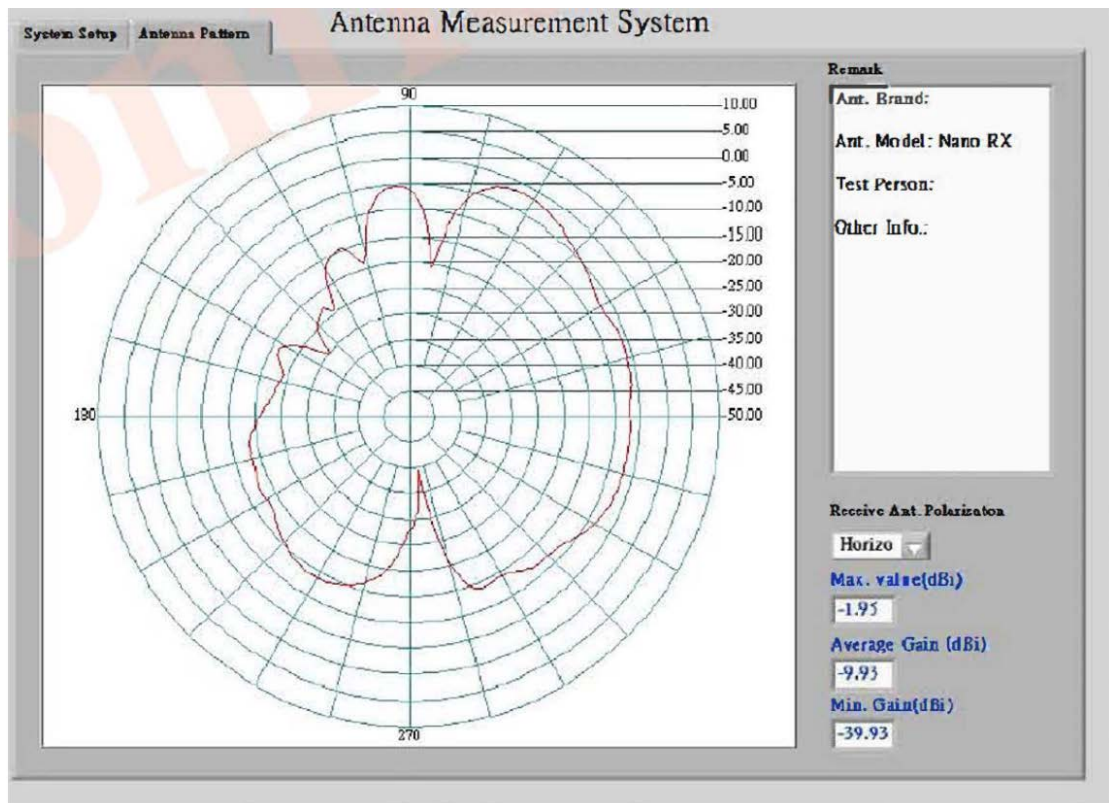
## \*DUT Vertical



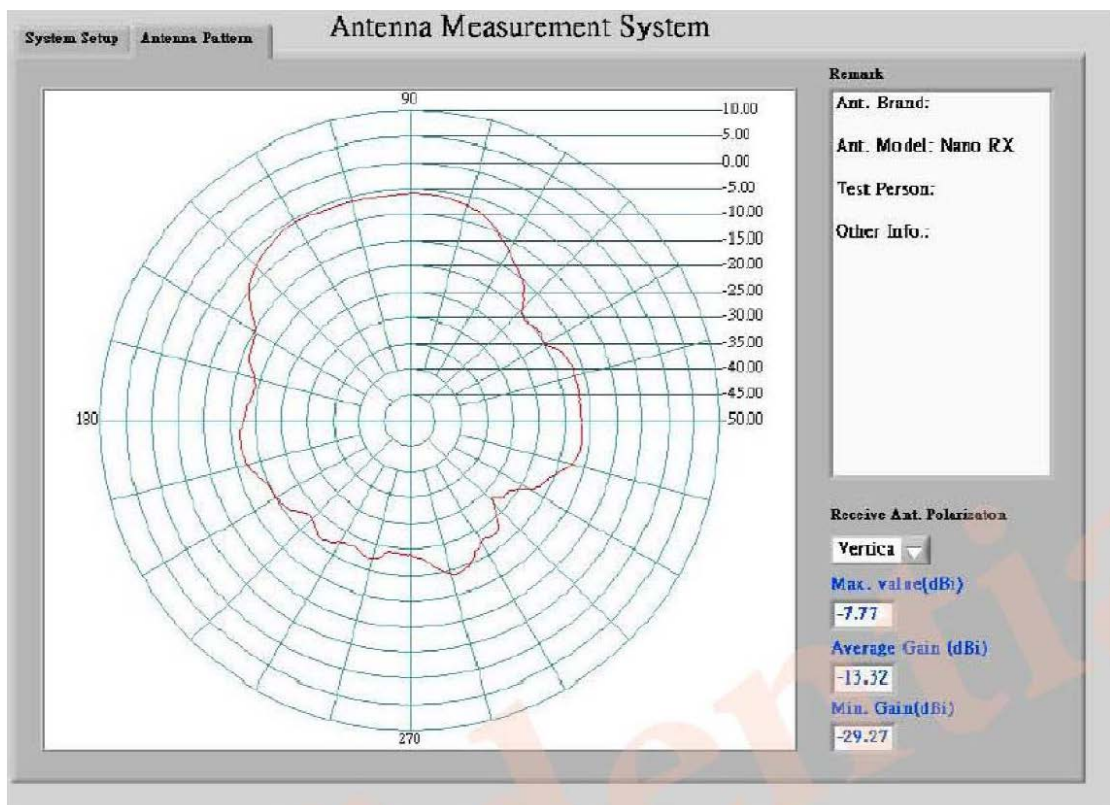
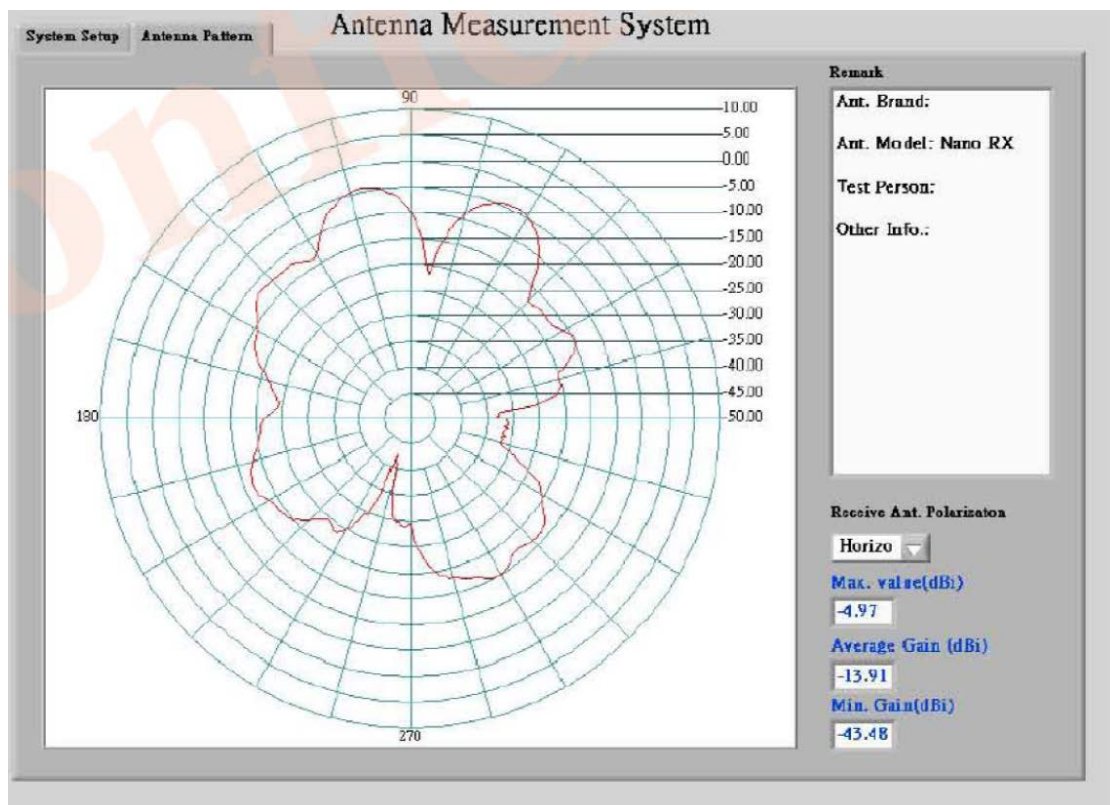


Center Frequency 2479MHz

\*DUT Horizontal



## \*DUT Vertical



#### **4. Conclusion:**

Through the above comprehensive measurement, we can know that the gain of this antenna can only reach about - 5dBi, and its maximum gain is about -0.71dBi