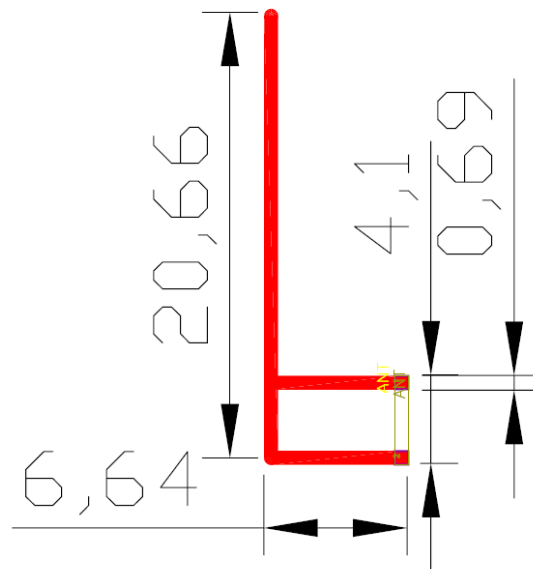


SHENZHEN KEYCEO TECH CO., LIMITED

PCB Antenna specification&Test report

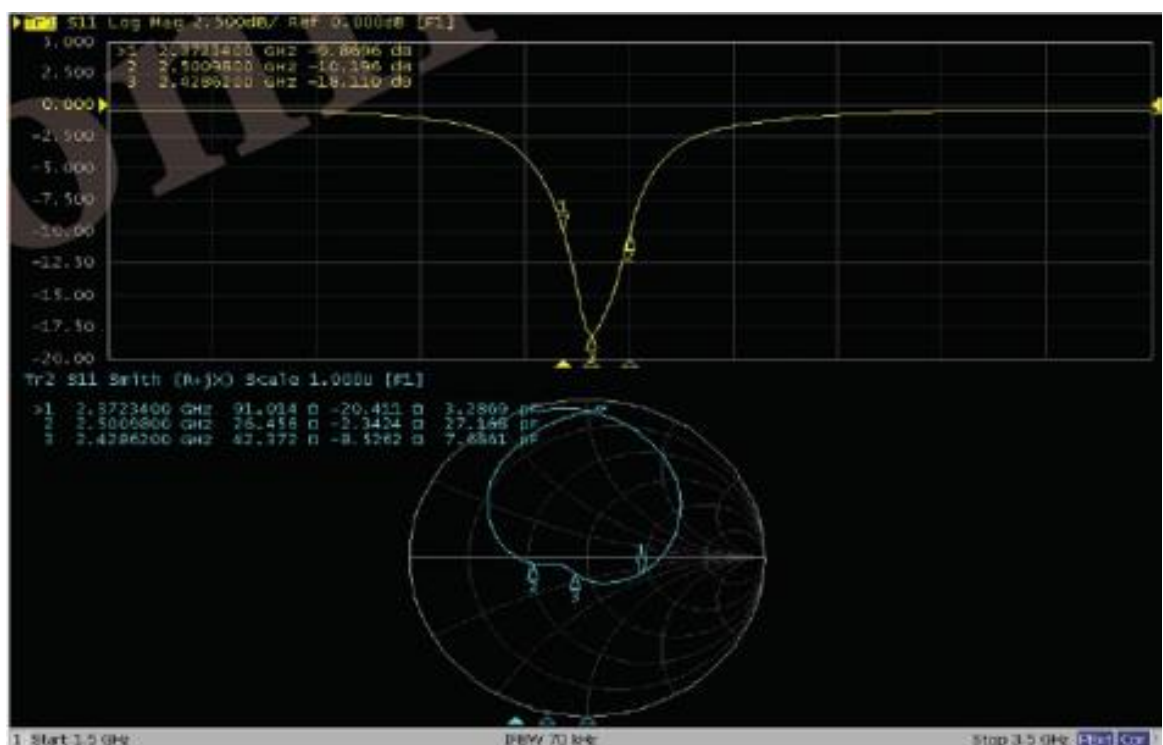
Company	SHENZHEN KEYCEO TECH CO., LIMITED
Address	Room 705-706, 12th Building, South Bank Plaza, Exhibition Bay, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen, China
Model	

1. Specific size of antenna (mm):

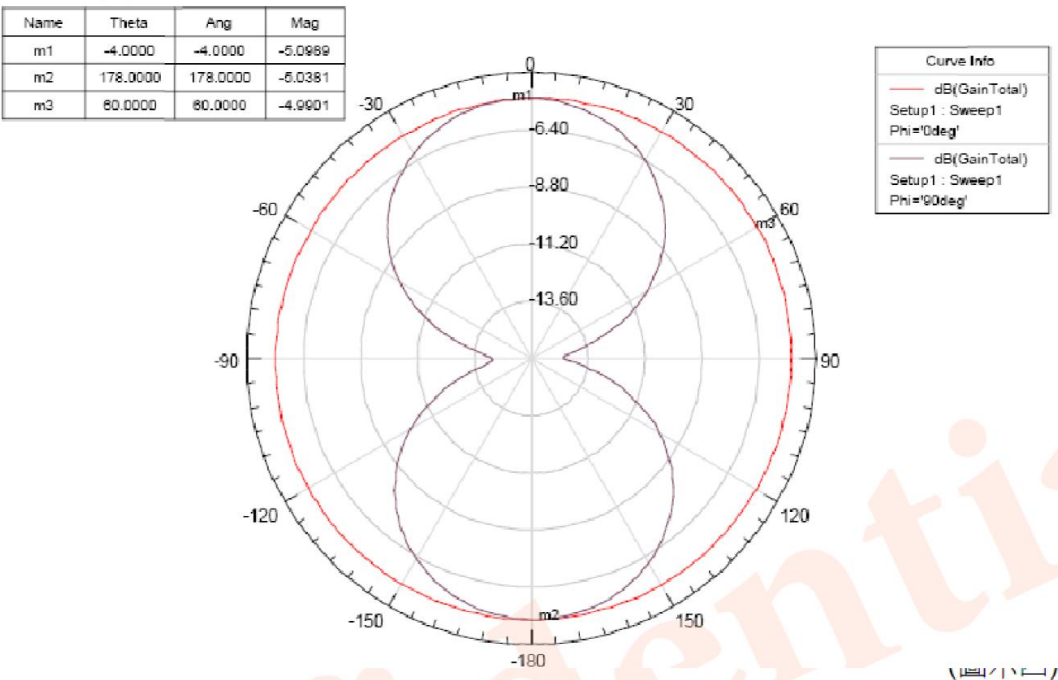


2. The results of antenna measurement and field shape simulation are as follows:

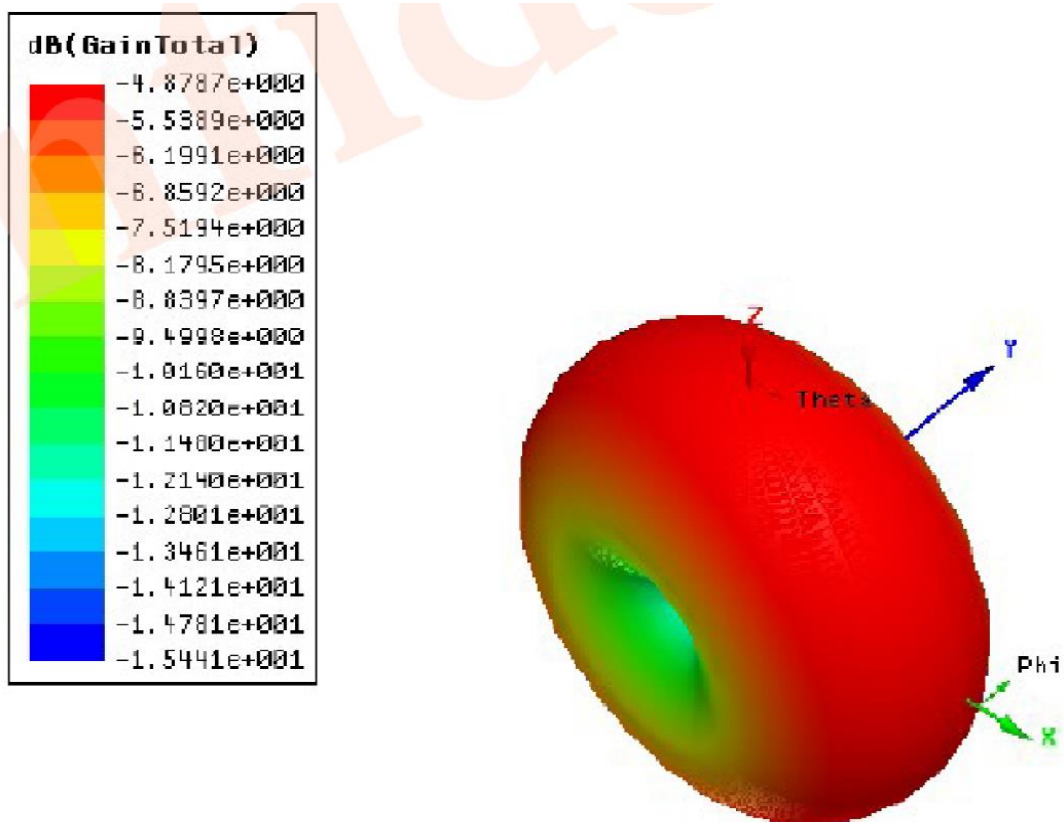
*Return Loss/VSWR:



***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.

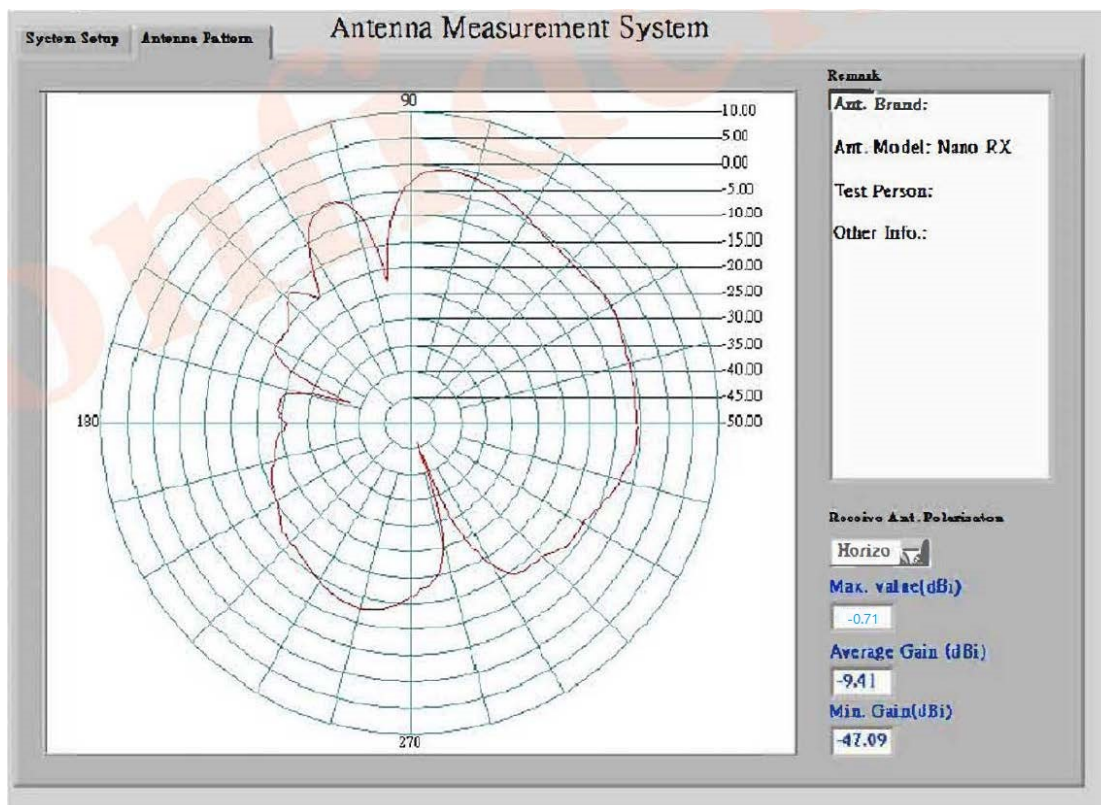
3.The actual field shape (strength) of the antenna is tested as follows:

Summary

ITEM	SPEC.	
Antenna Type	PCB Antenna	
Center Frequency	2405MHz	-0.71 dBi
	2445MHz	-0.84 dBi
	2475MHz	-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 _2405MHz

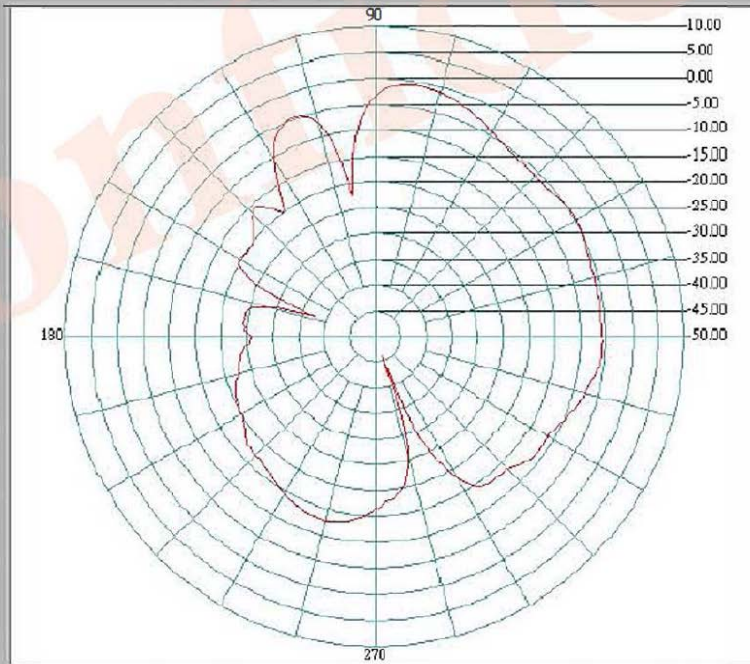
*DUT Horizontal



System Setup

Antenna Pattern

Antenna Measurement System



Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Horizo

Max. value(dBi)

-0.71

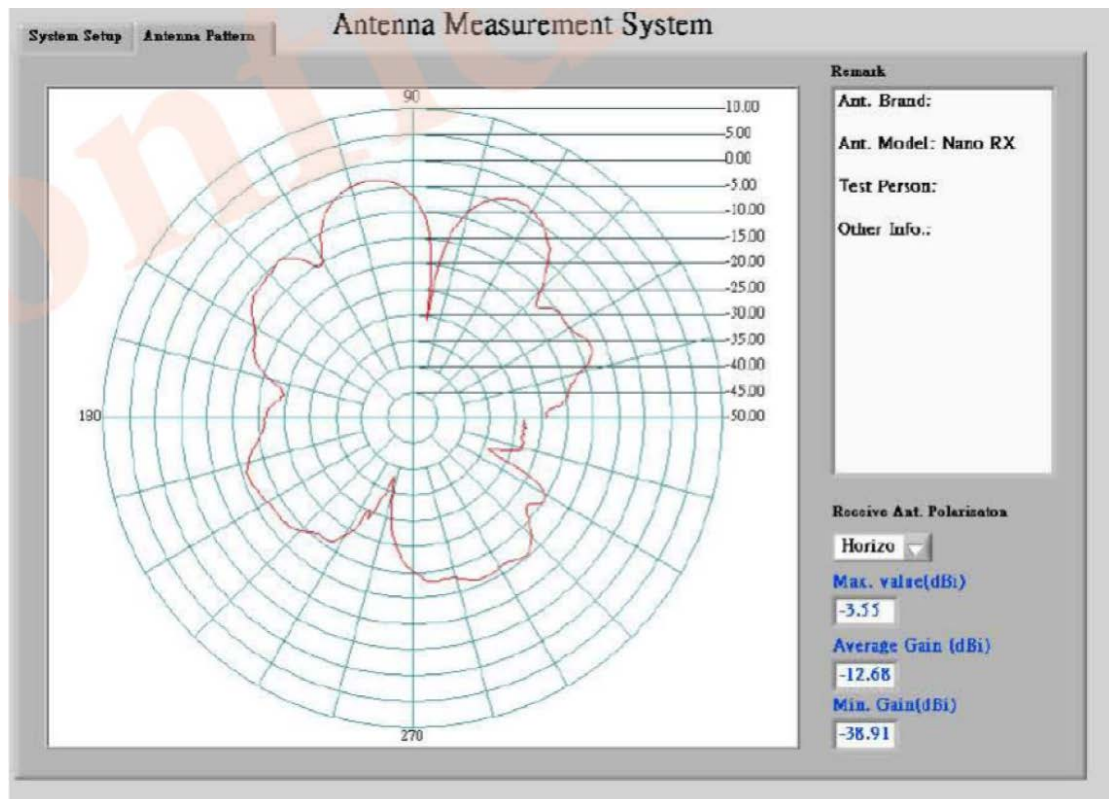
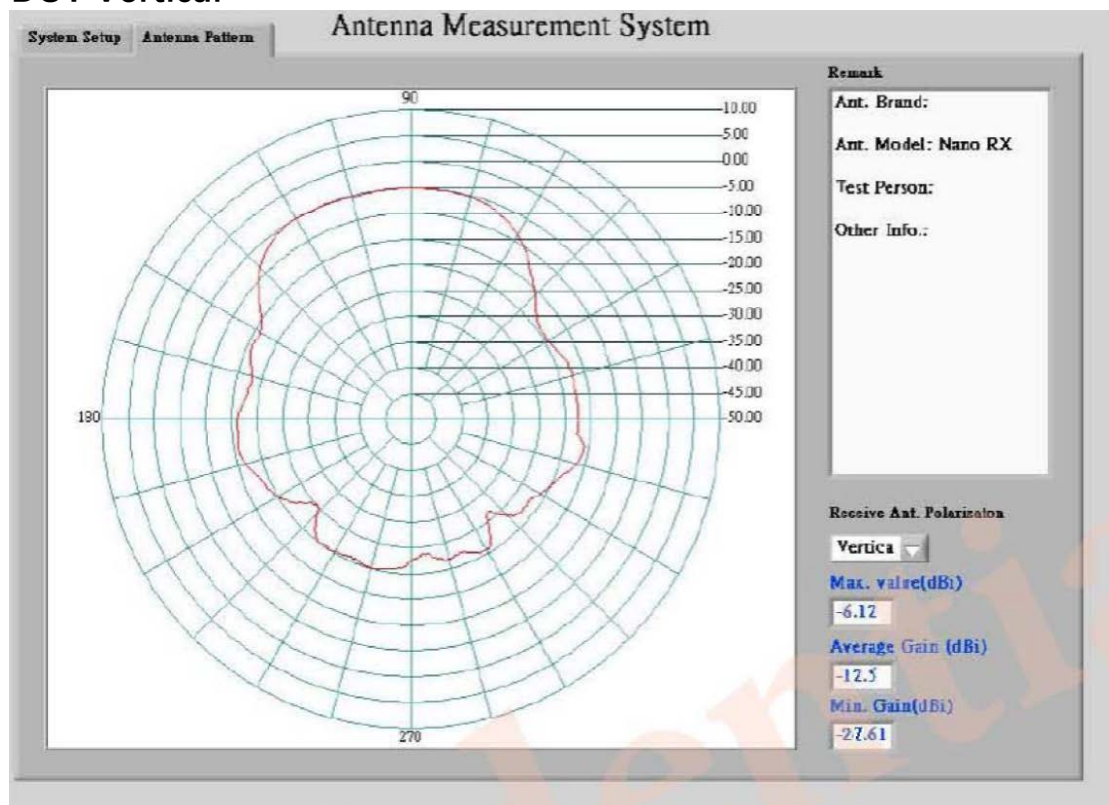
Average Gain (dBi)

-9.41

Min. Gain(dBi)

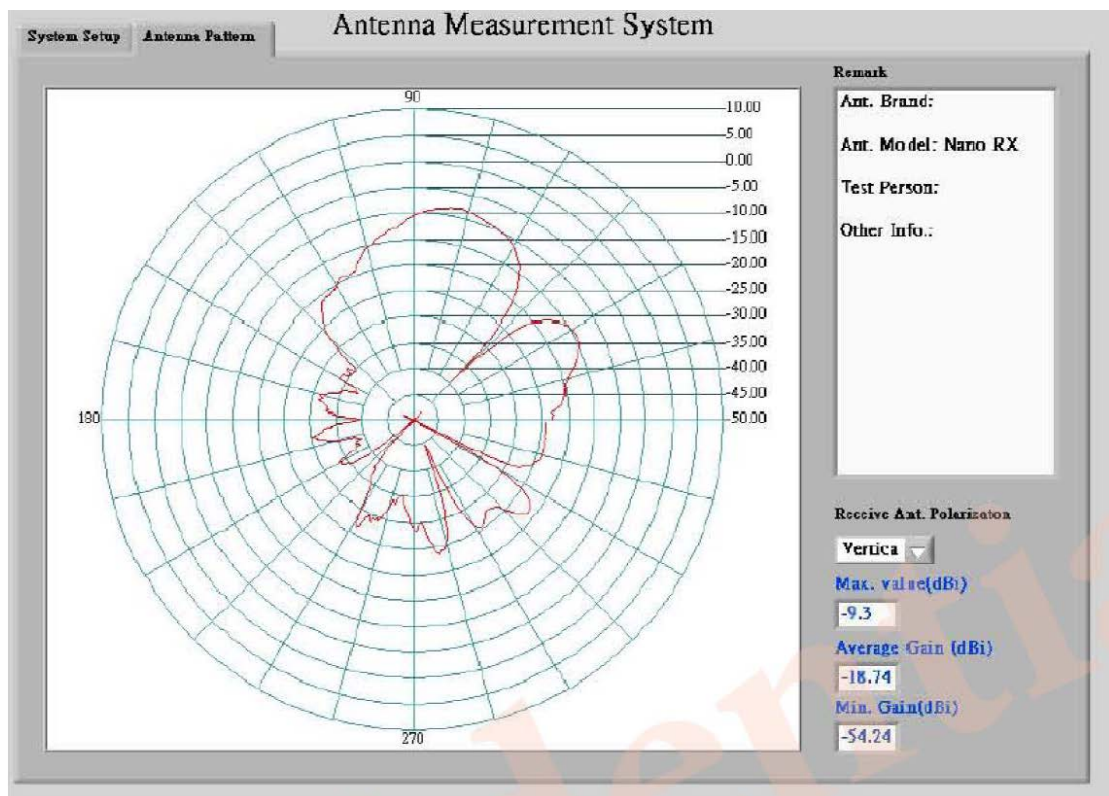
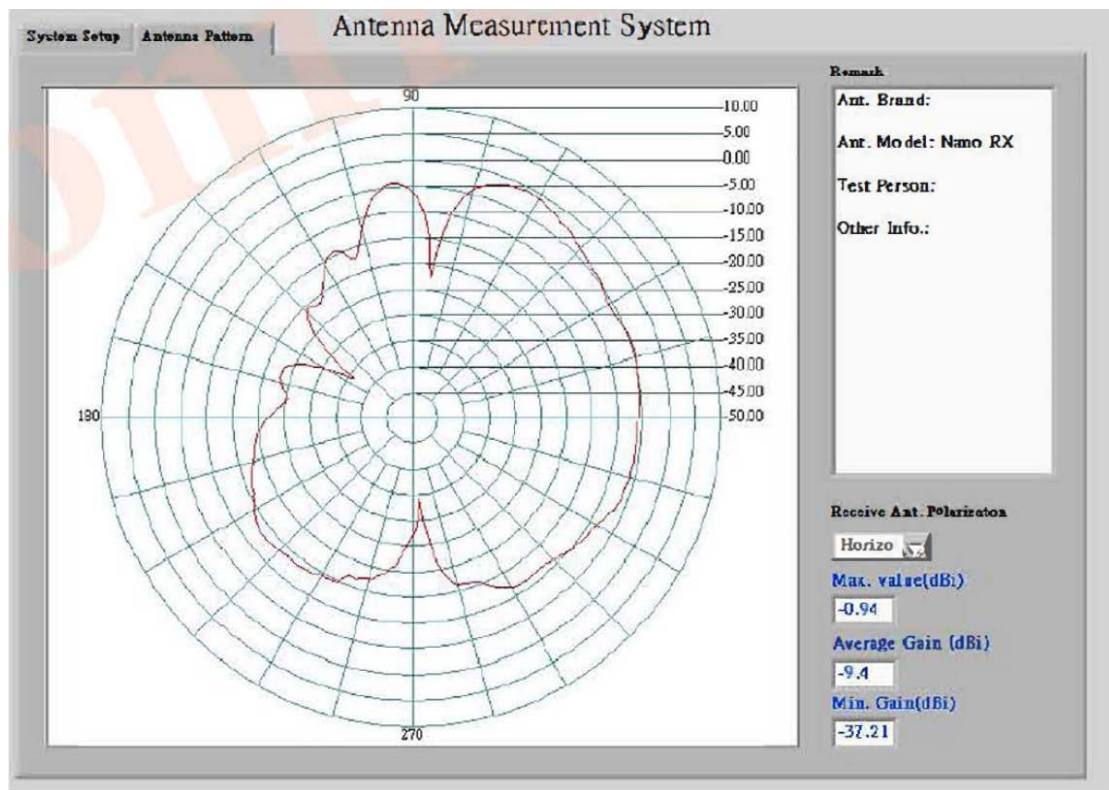
-47.09

*DUT Vertical

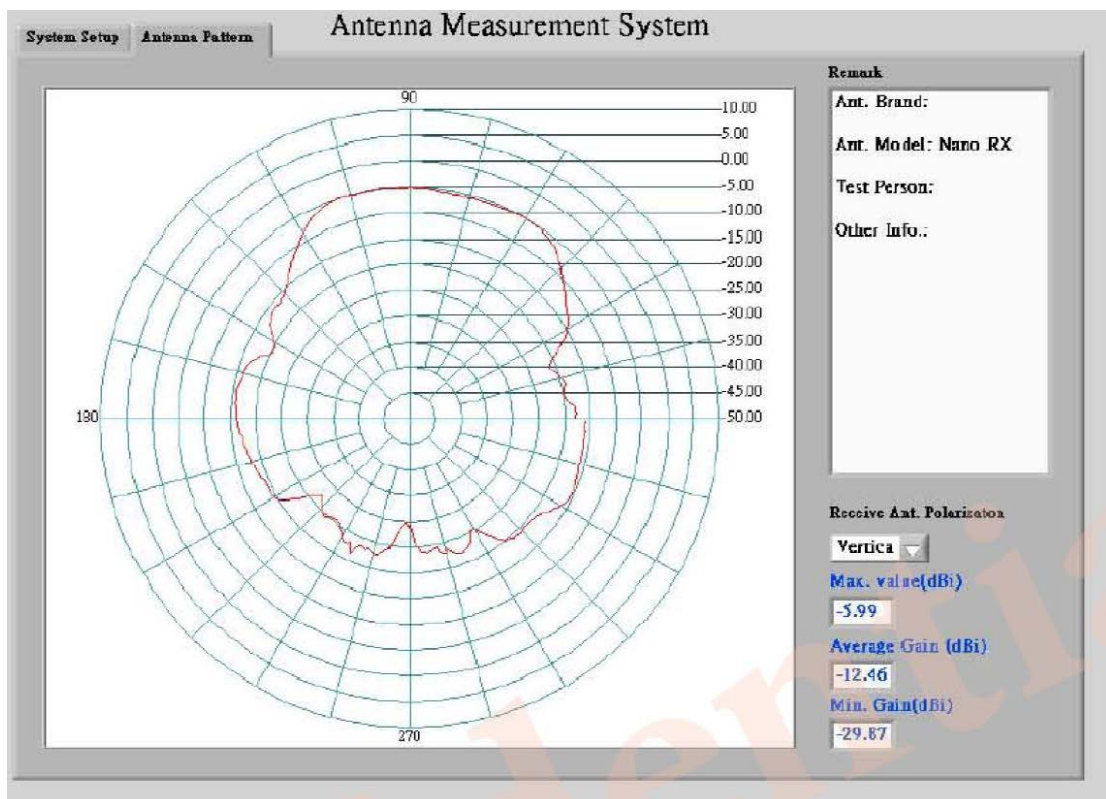
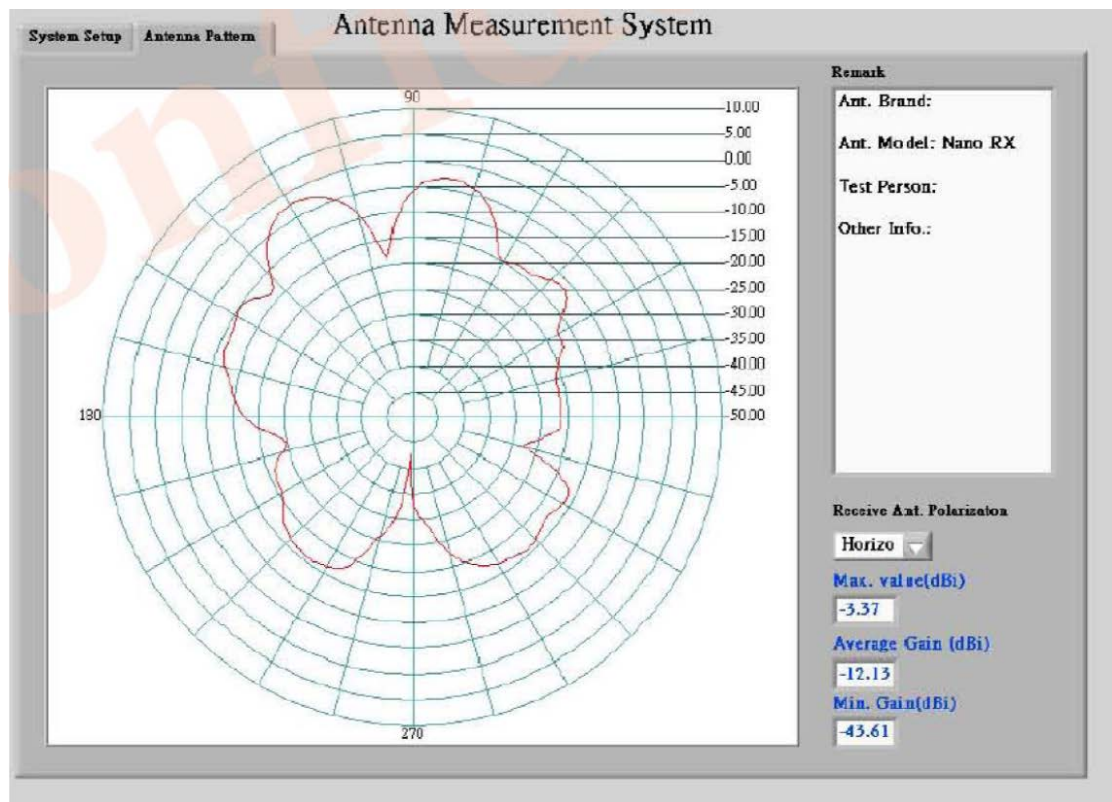


Center Frequency 2445MHz

*DUT Horizontal

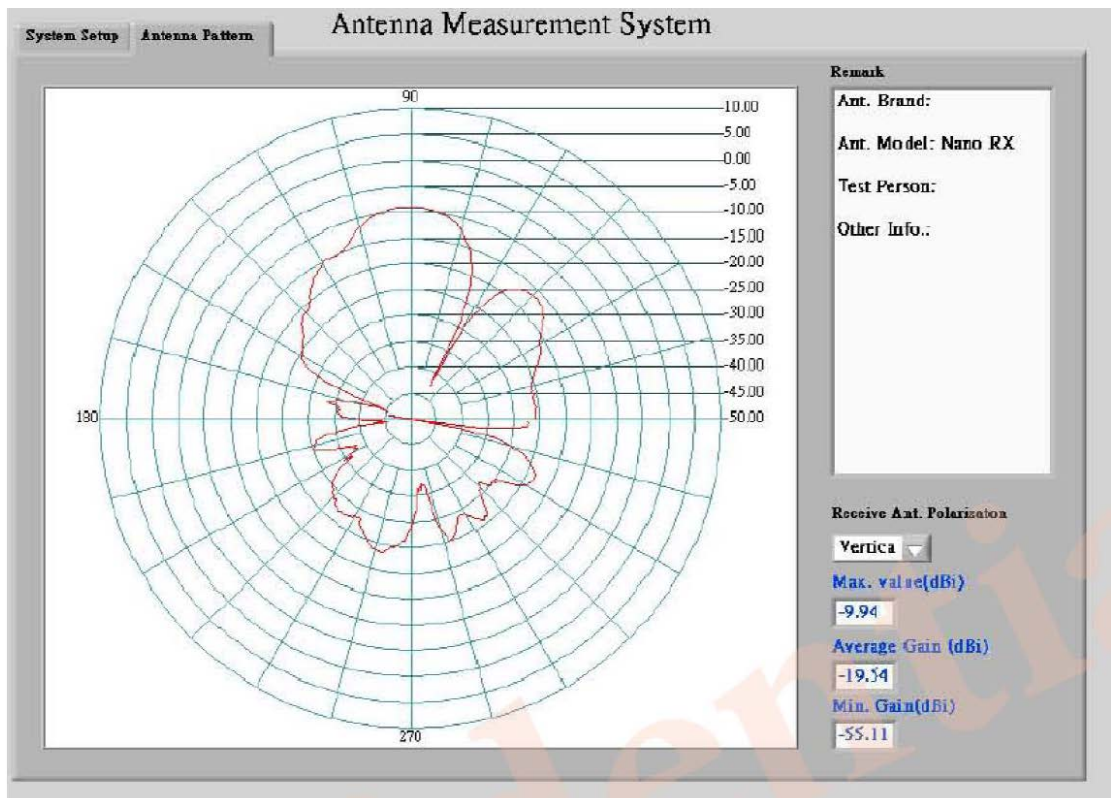
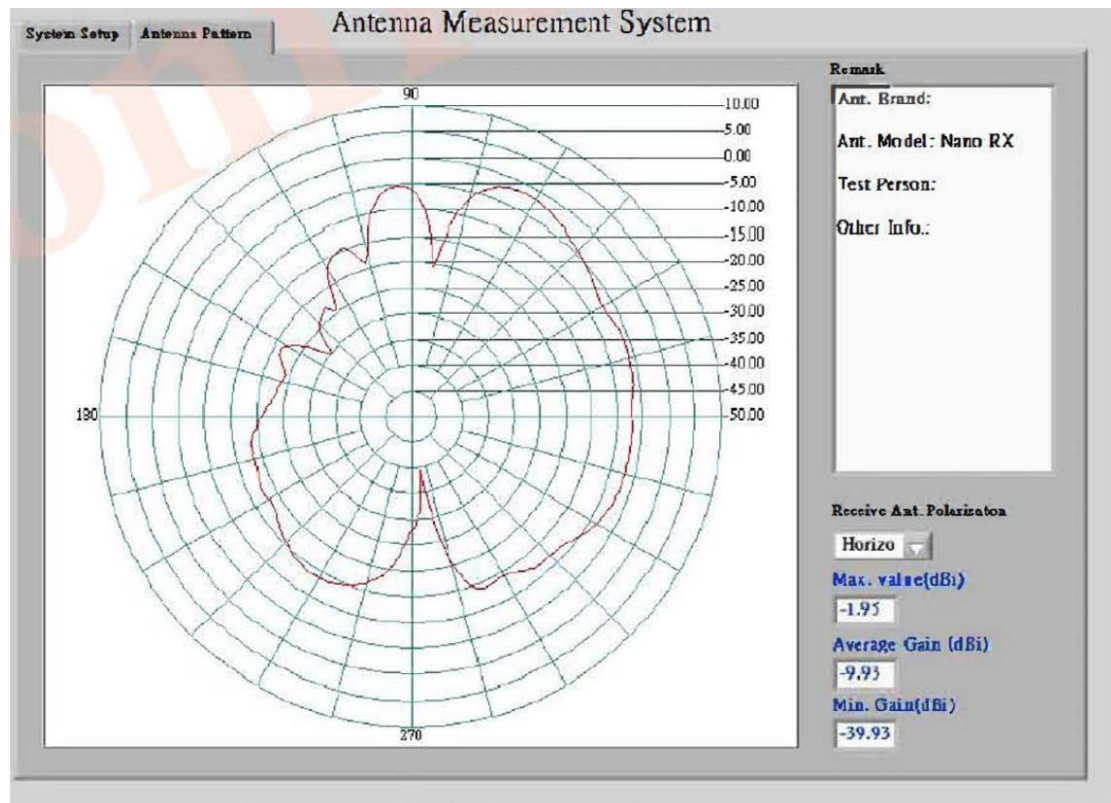


*DUT Vertical

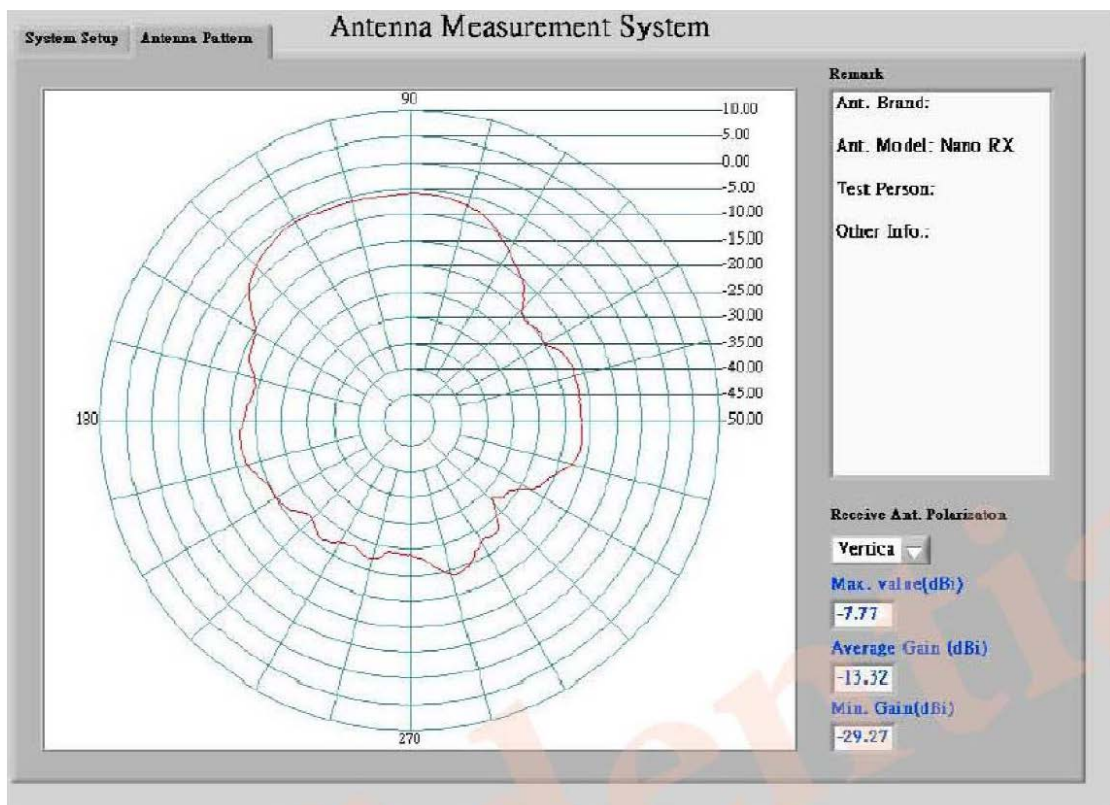
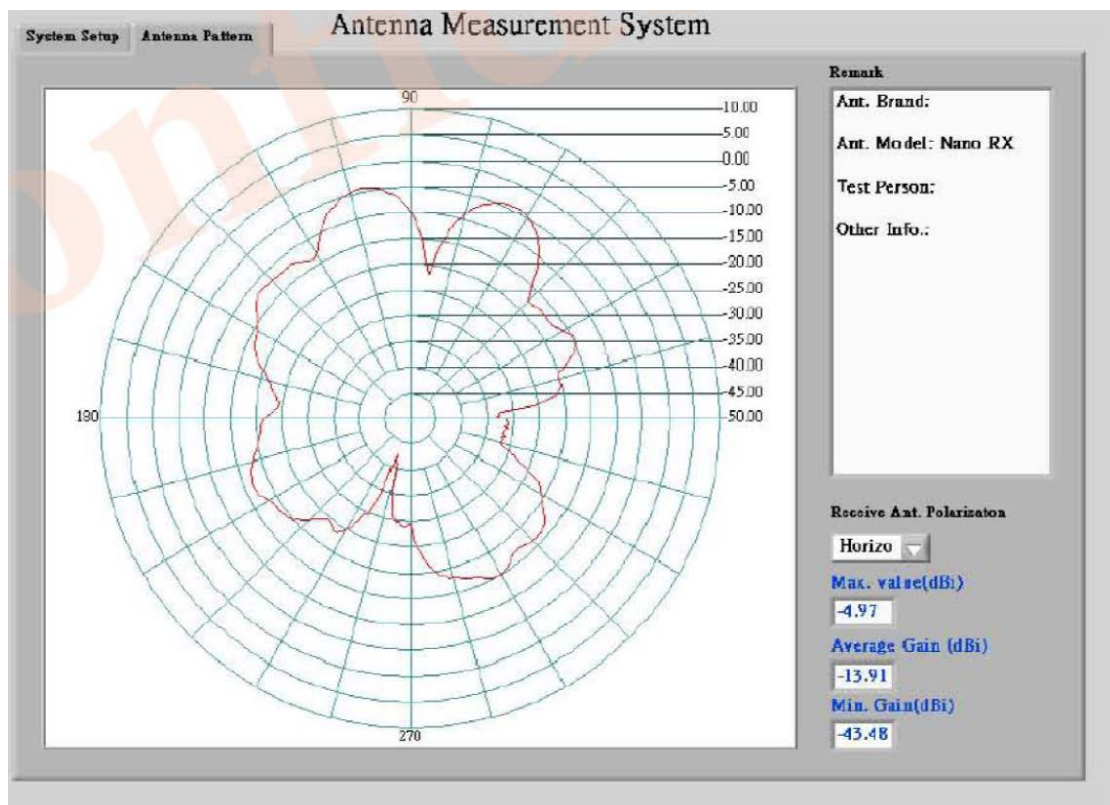


Center Frequency 2475MHz

*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