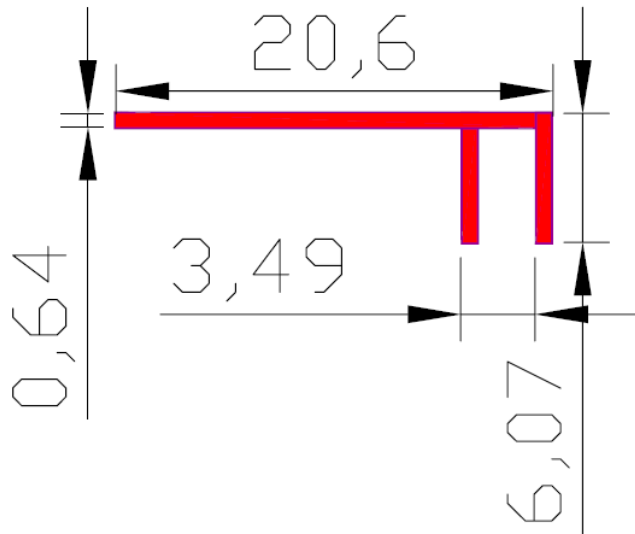


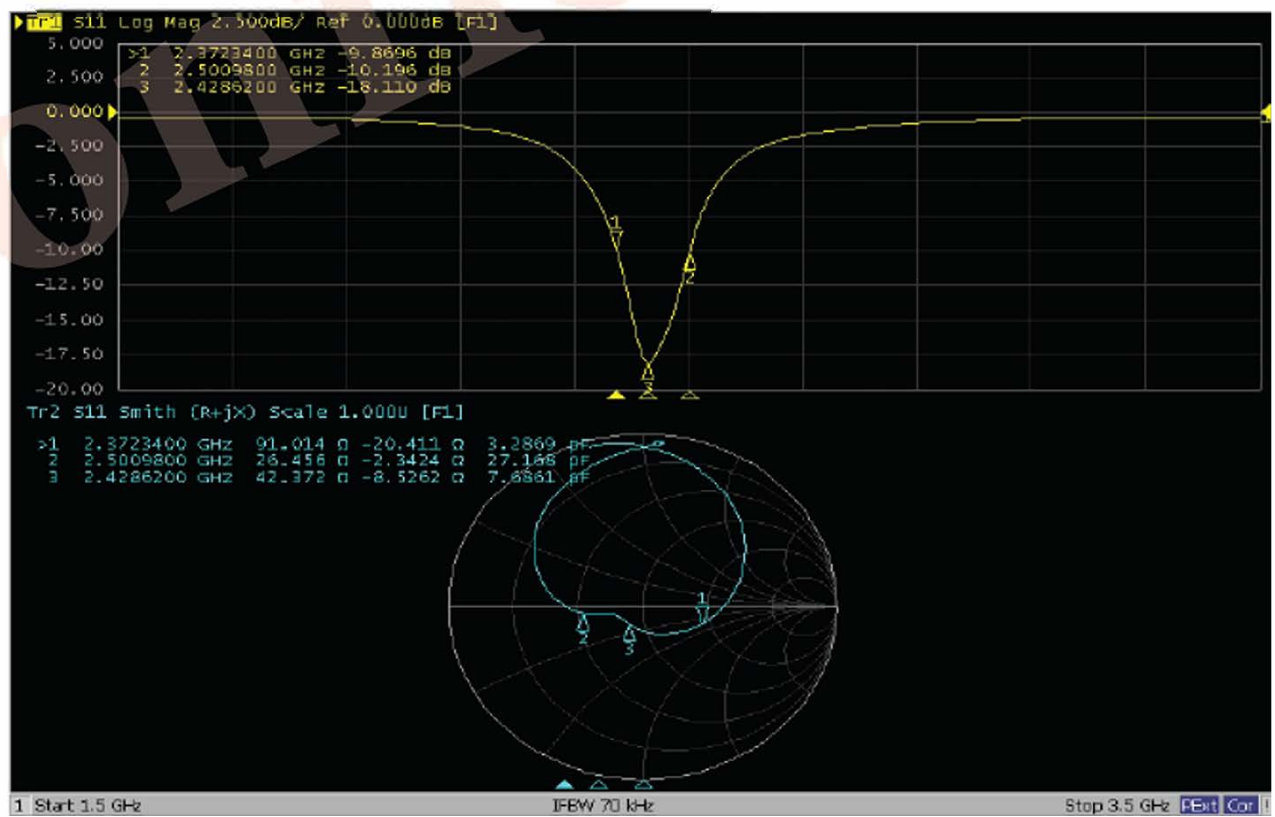
Type_3 Antenna Design Layout Guidelines & Pattern

1.The size specifications of Tianyin Jujian are as follows(mm):

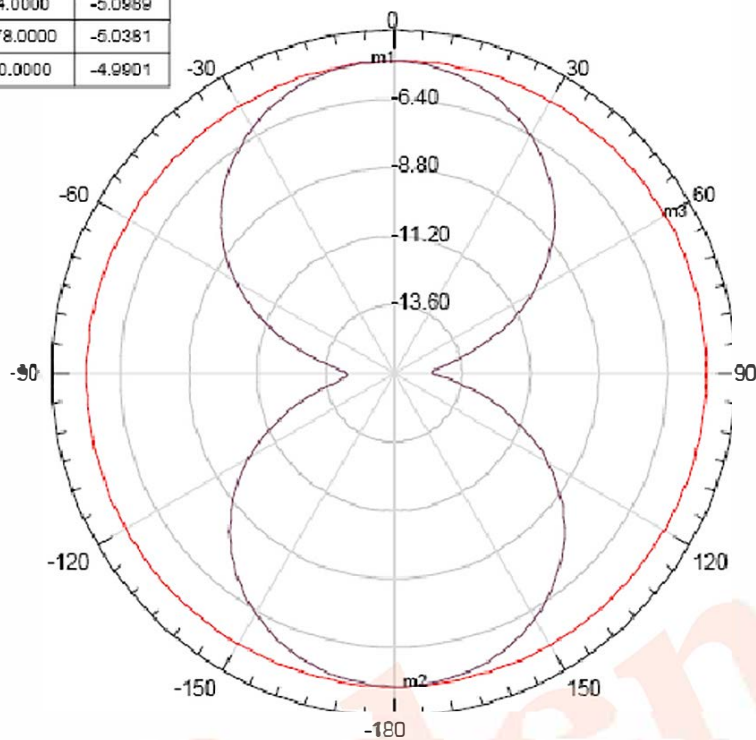


Manufacturer : Dongguan Suoai Electronics Co., LTD

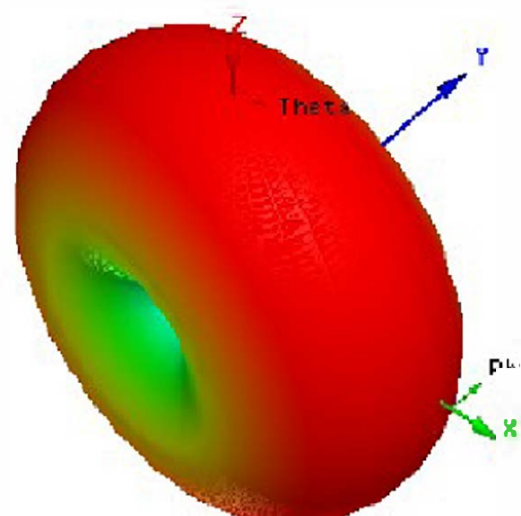
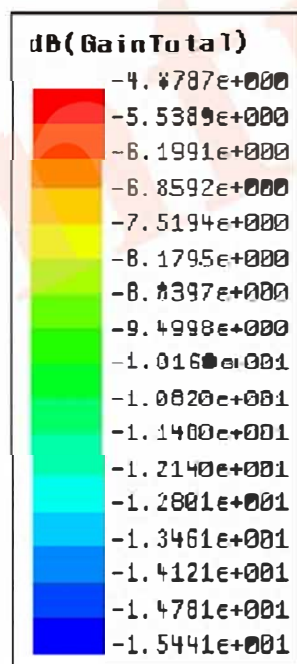
Address : No.3, Huayu Street, Changlong Village, Huangjiang Town, Dongguan City, Guangdong, China



Name	Theta	Ang	Mag
m1	-4.0000	-4.0000	-5.0989
m2	178.0000	178.0000	-5.0381
m3	80.0000	80.0000	-4.9901



Curve Info	
—	dB(GainTotal)
Setup1: Sweep1	Phi=0deg
—	dB(GainTotal)
Setup1: Sweep1	Phi=90deg



(圖示五)

From the above presentation and model evidence, it can be known that the buff of this type of fish can only reach about -5 db

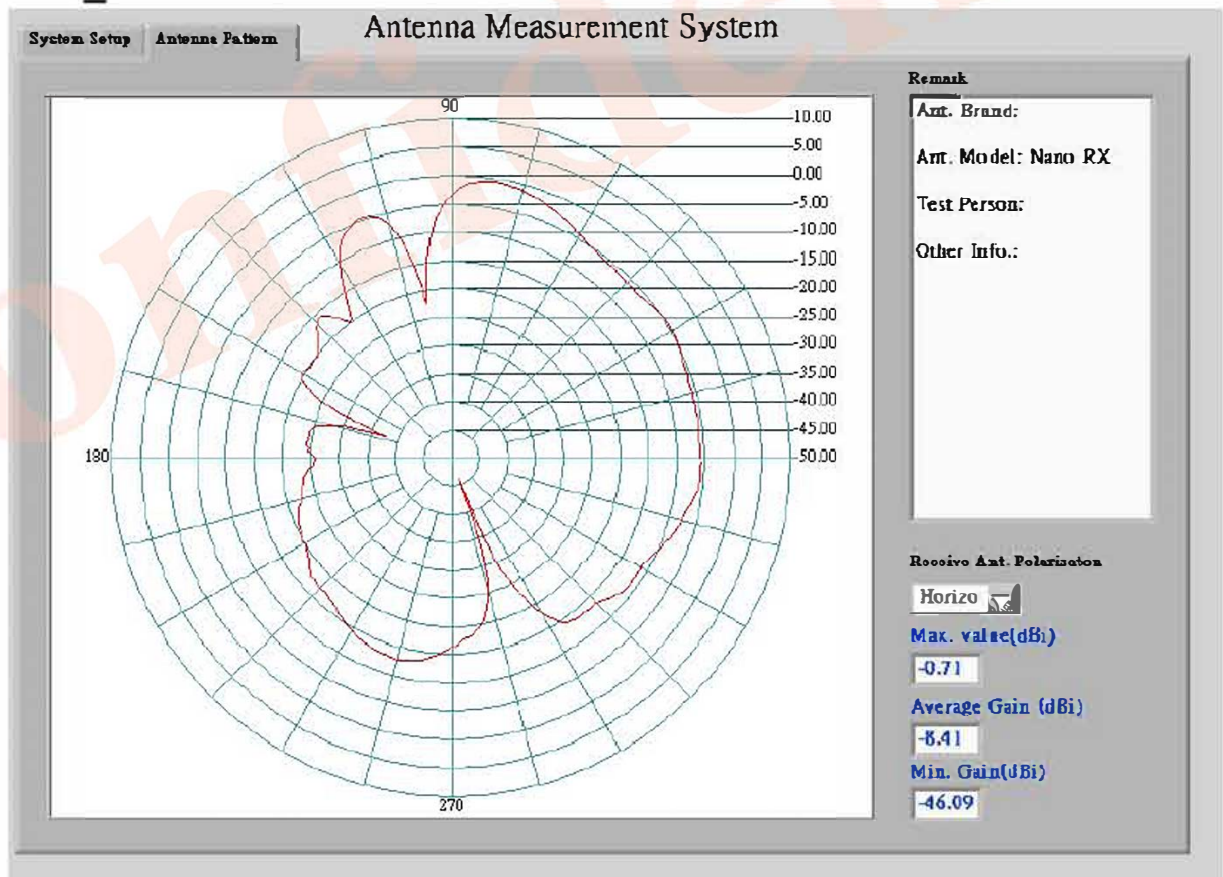
4.天線實際場形(強)測試如下:

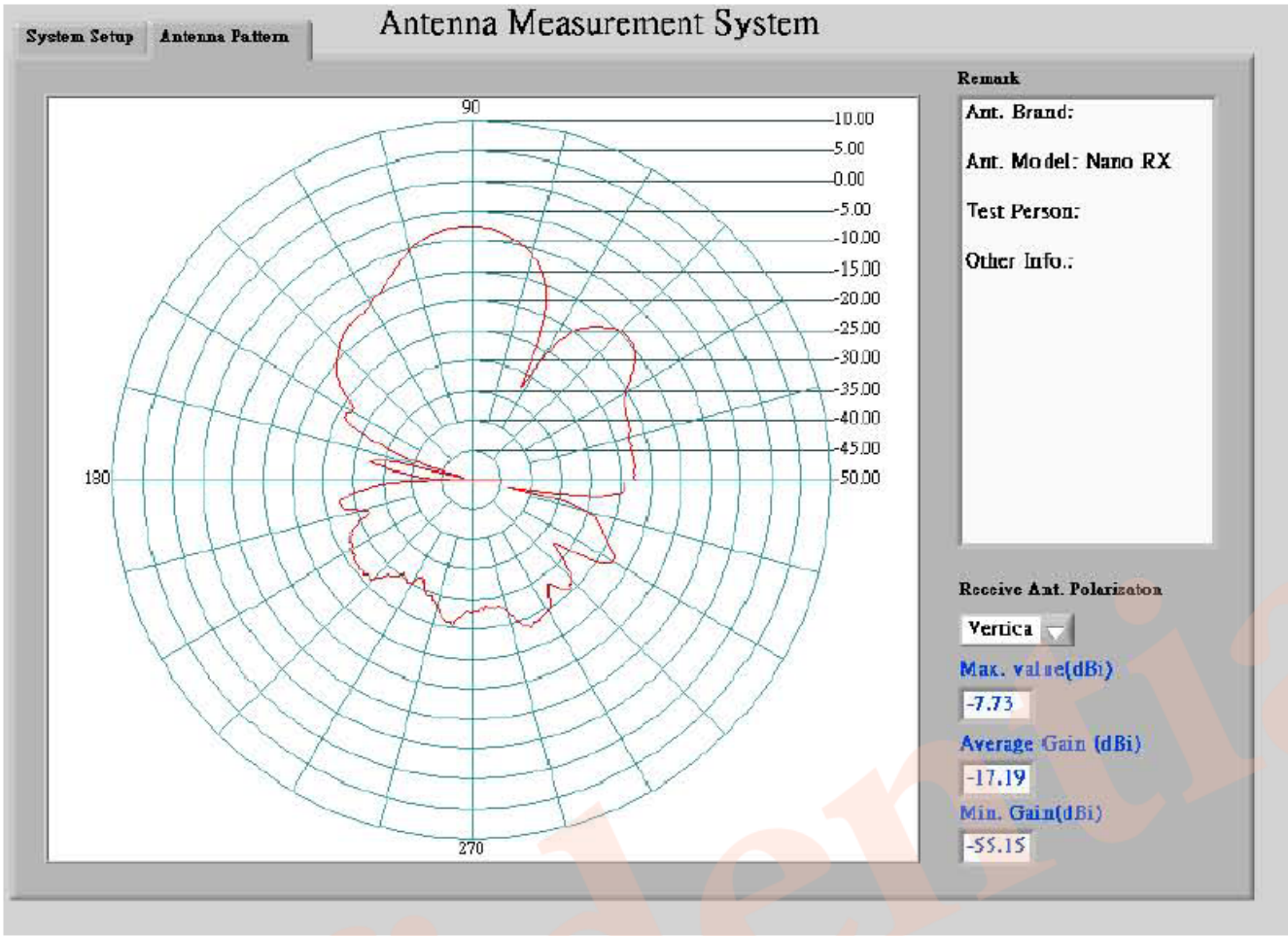
Summary

ITEM	SPEC.	
Antenna Type	Type_2_Single Wiggle Antenna	
Center Frequency	2402 MHz	- 0.71 dBi
	2451 MHz	- 0.84 dBi
	2480 MHz	- 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	50 Ω	

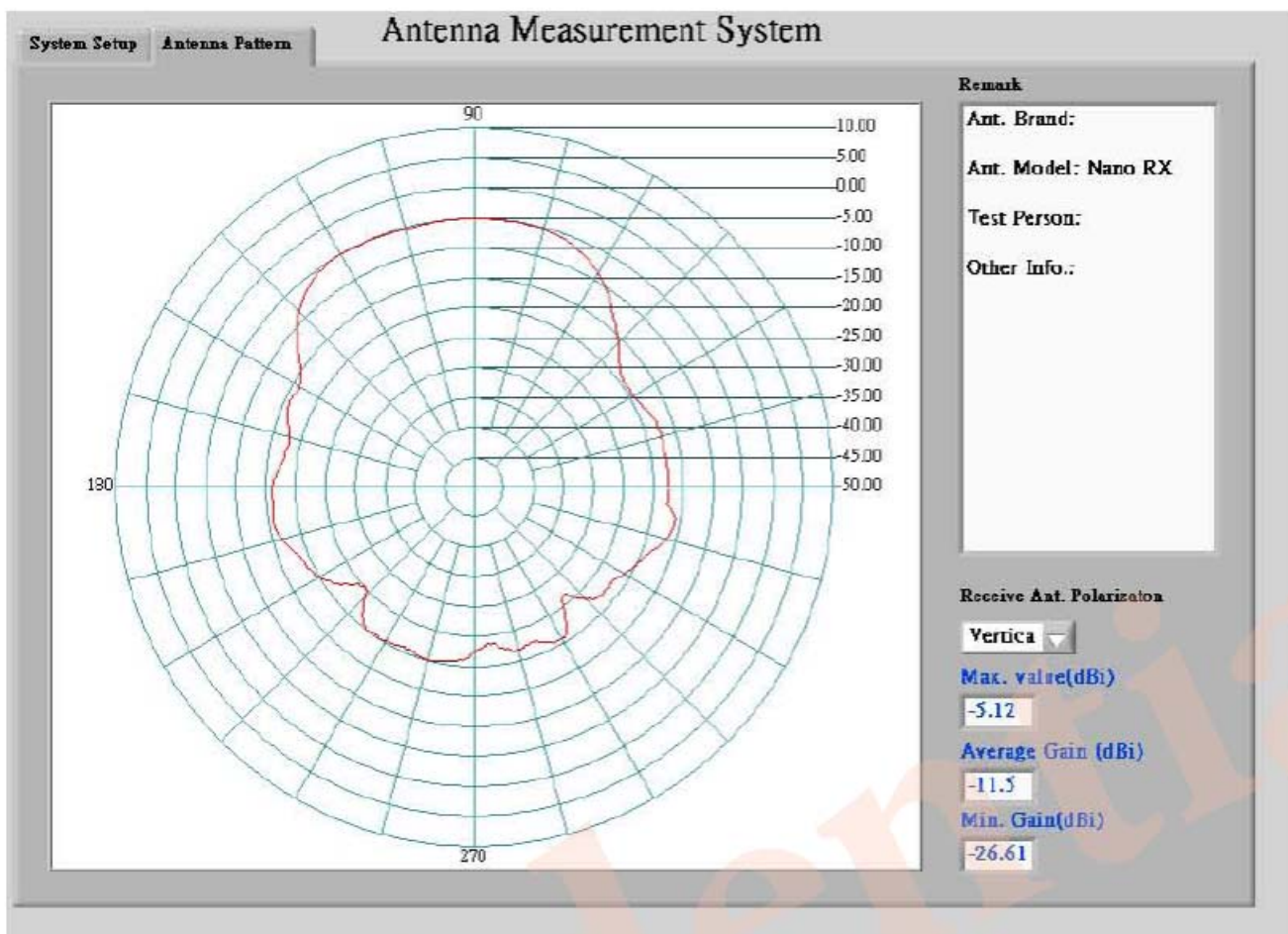
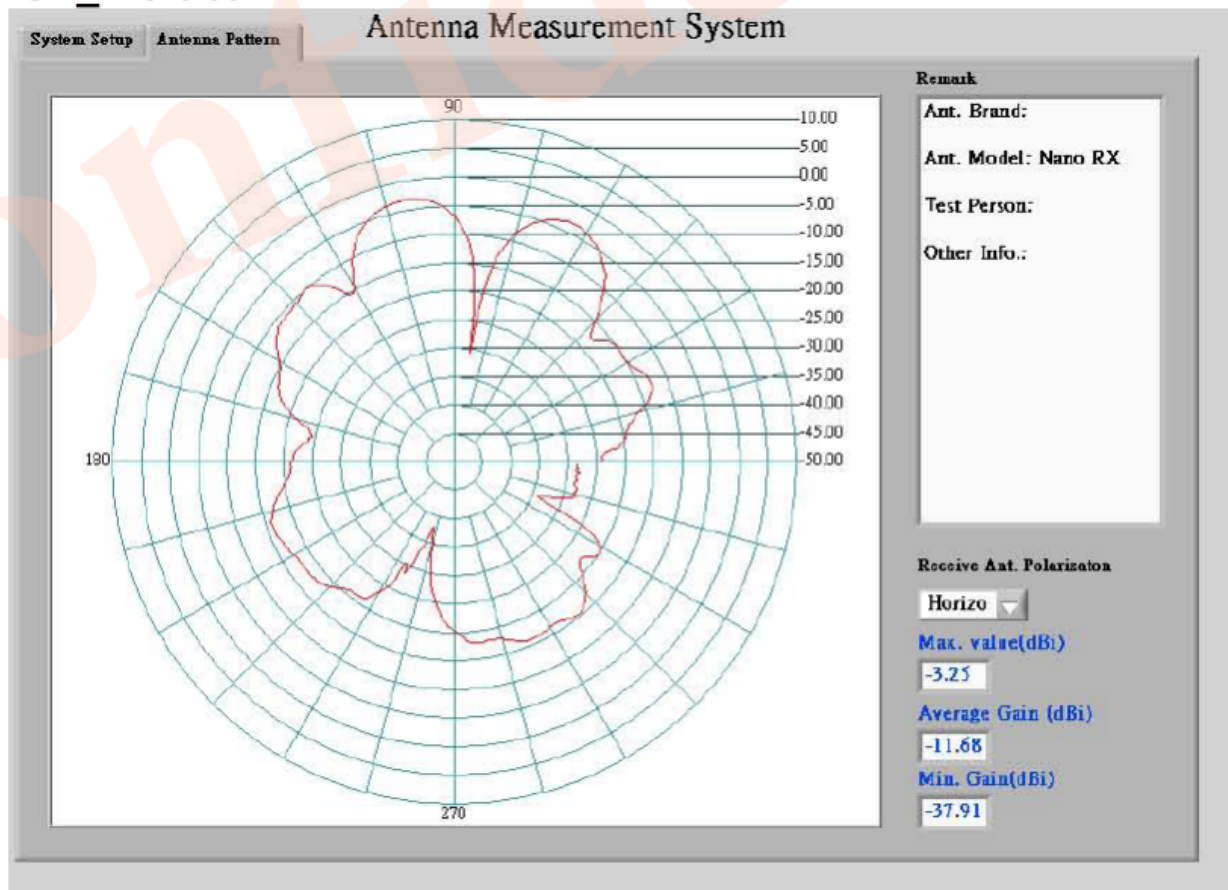
(表一)

Center Frequency 2402MHz
* DUT_Horizontal

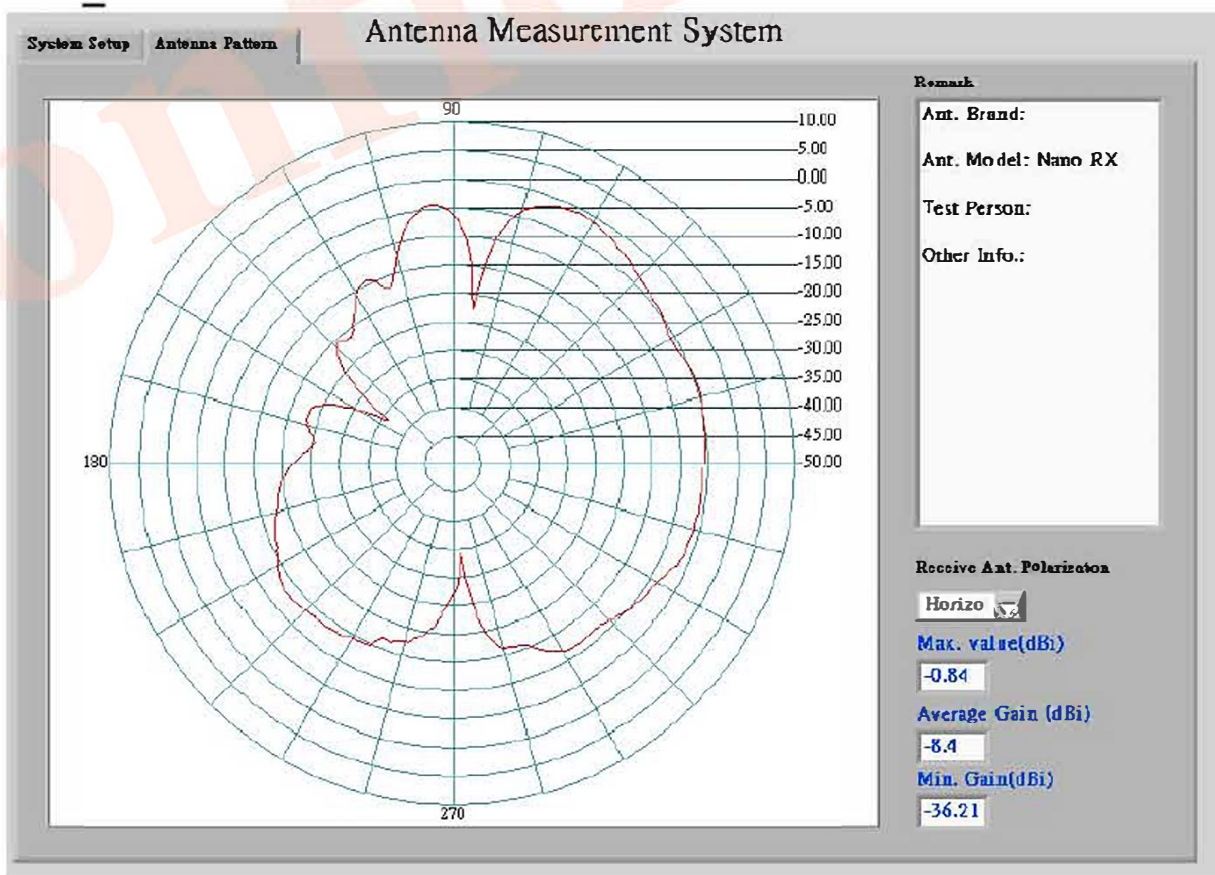




* DUT_Veritical



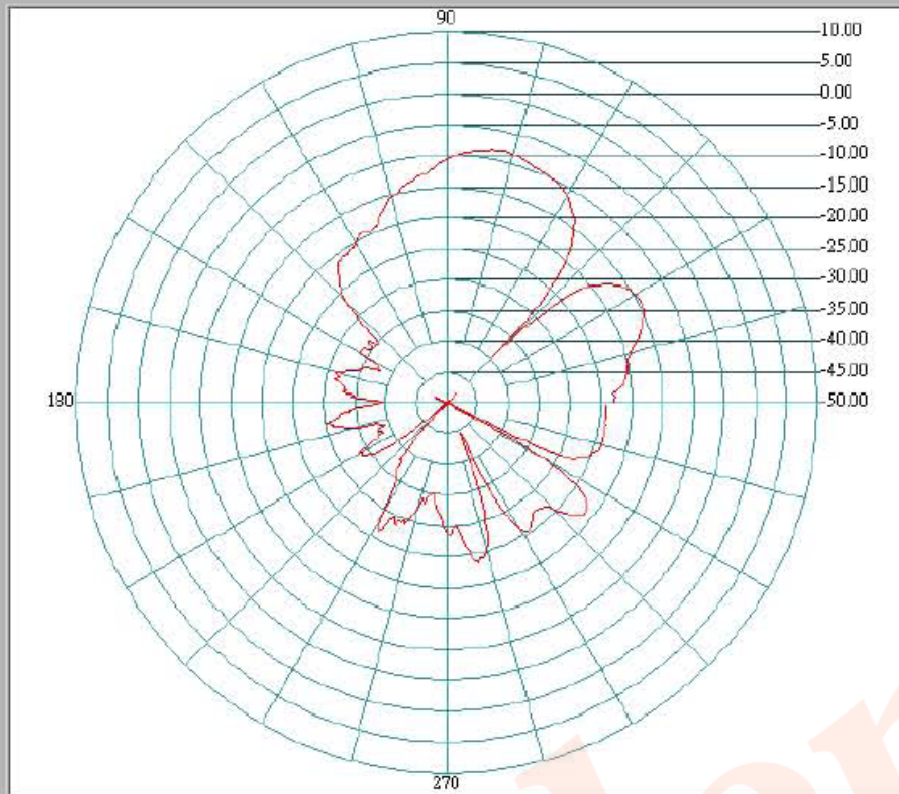
Center Frequency 2451MHz
*DUT_Horizontal



System Setup

Antenna Pattern

Antenna Measurement System



Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Vertical

Max. value(dBi)

-8.3

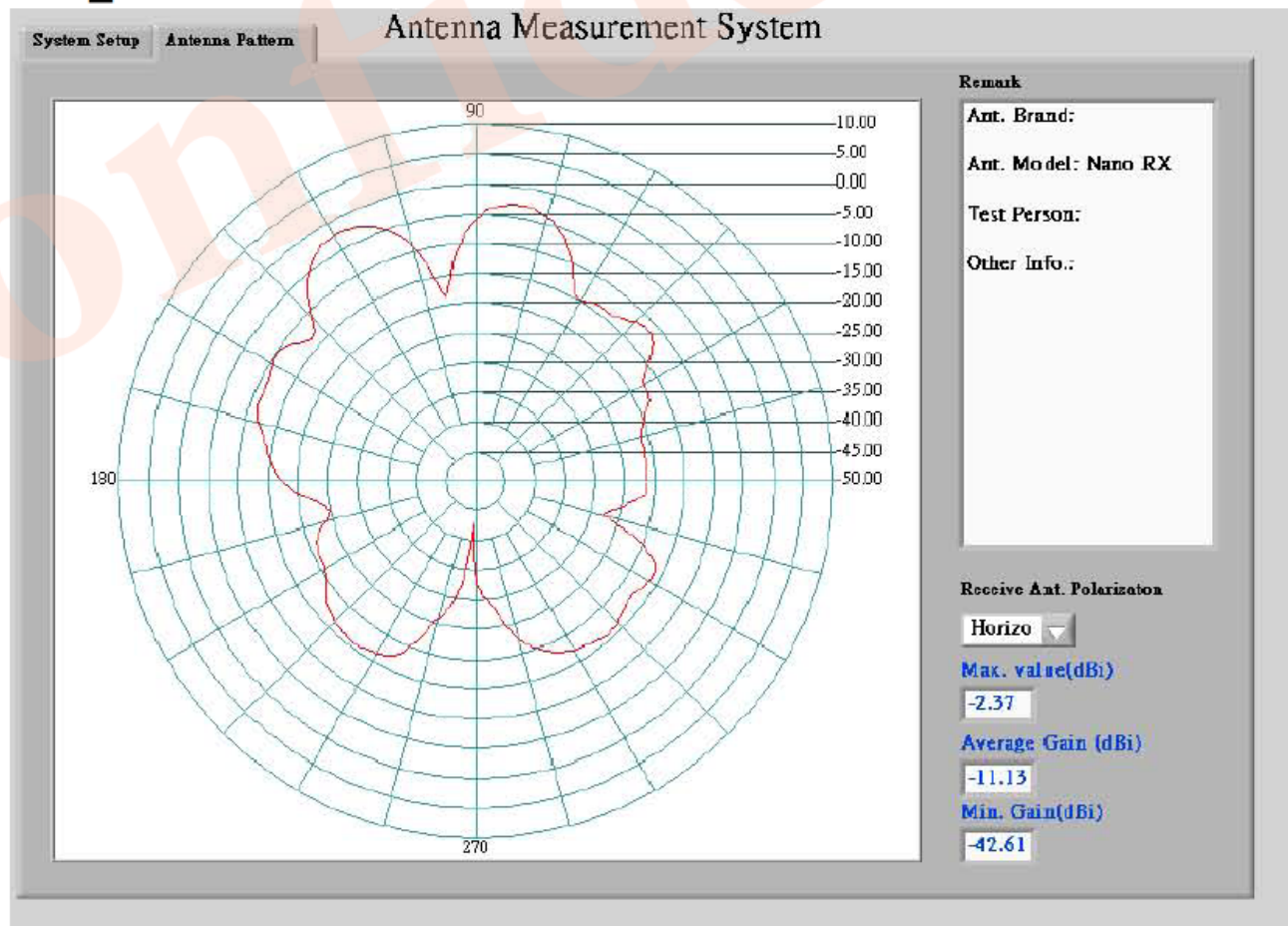
Average Gain (dBi)

-17.74

Min. Gain(dBi)

-52.24

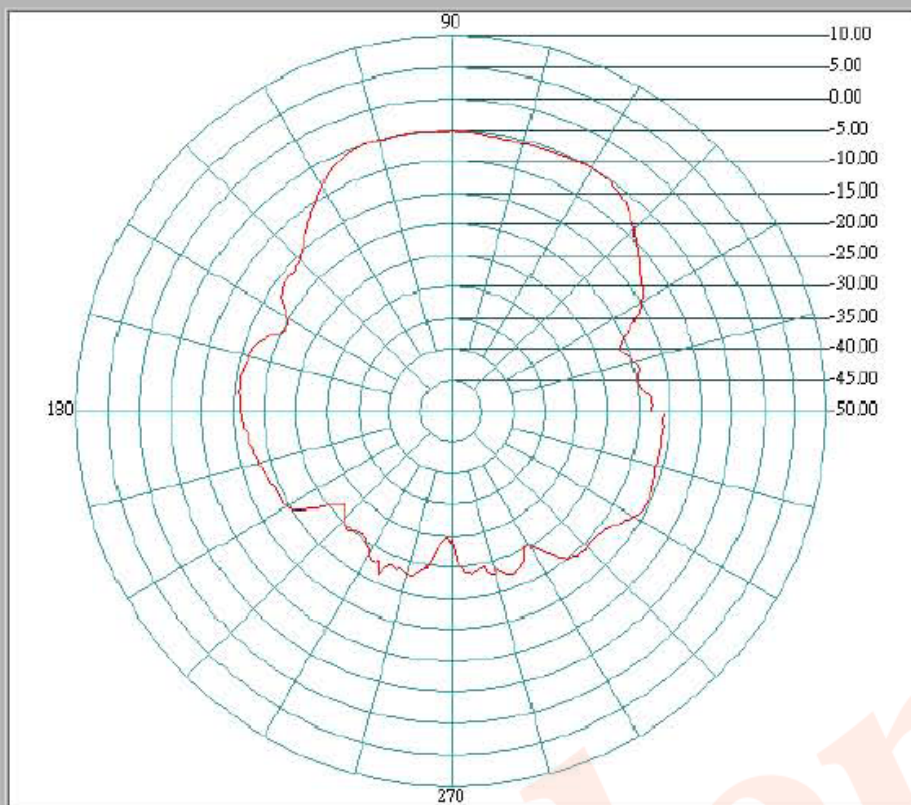
* DUT_ Vertical



System Setup

Antenna Pattern

Antenna Measurement System



Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Vertica

Max. value(dBi)

-5.09

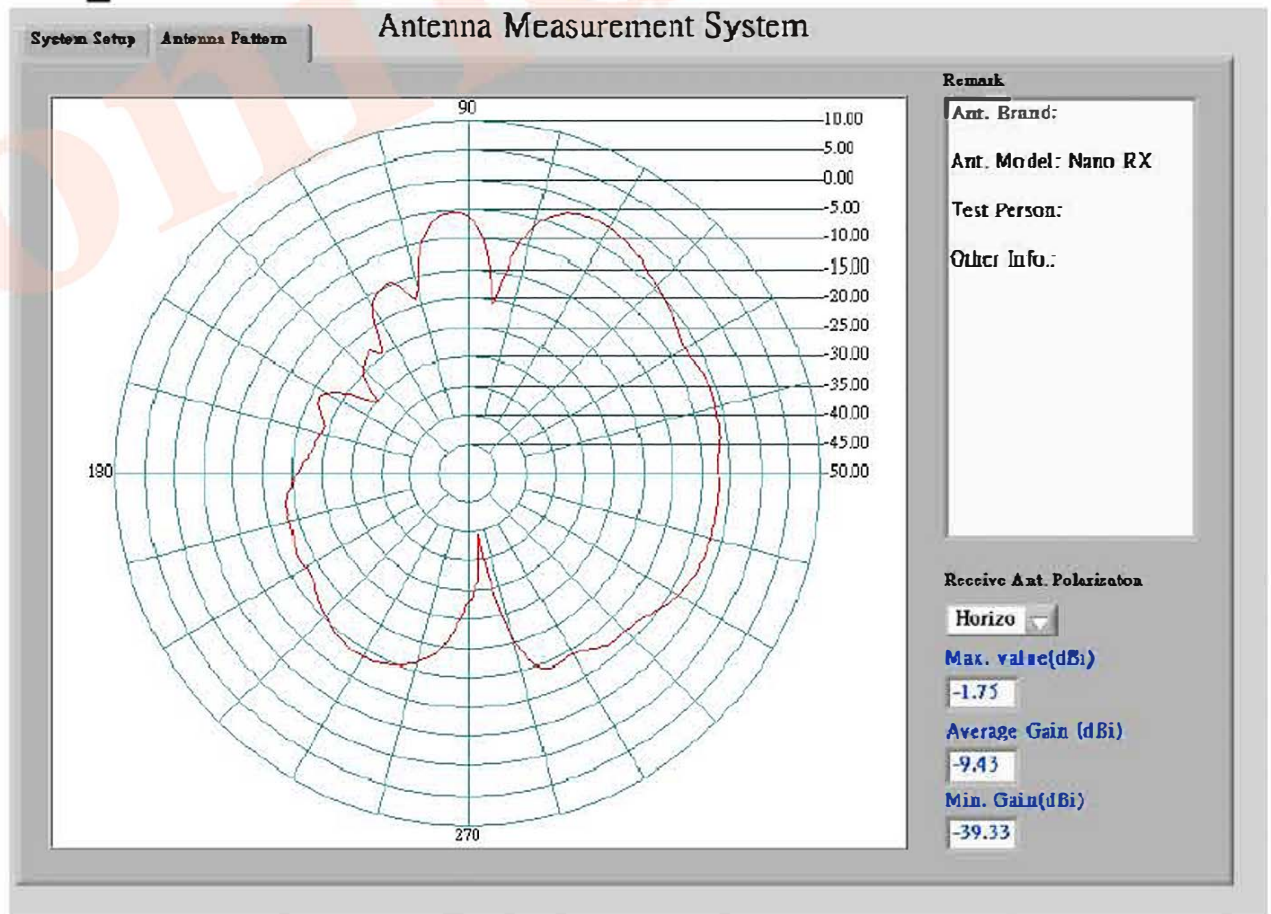
Average Gain (dBi)

-11.46

Min. Gain(dBi)

-29.87

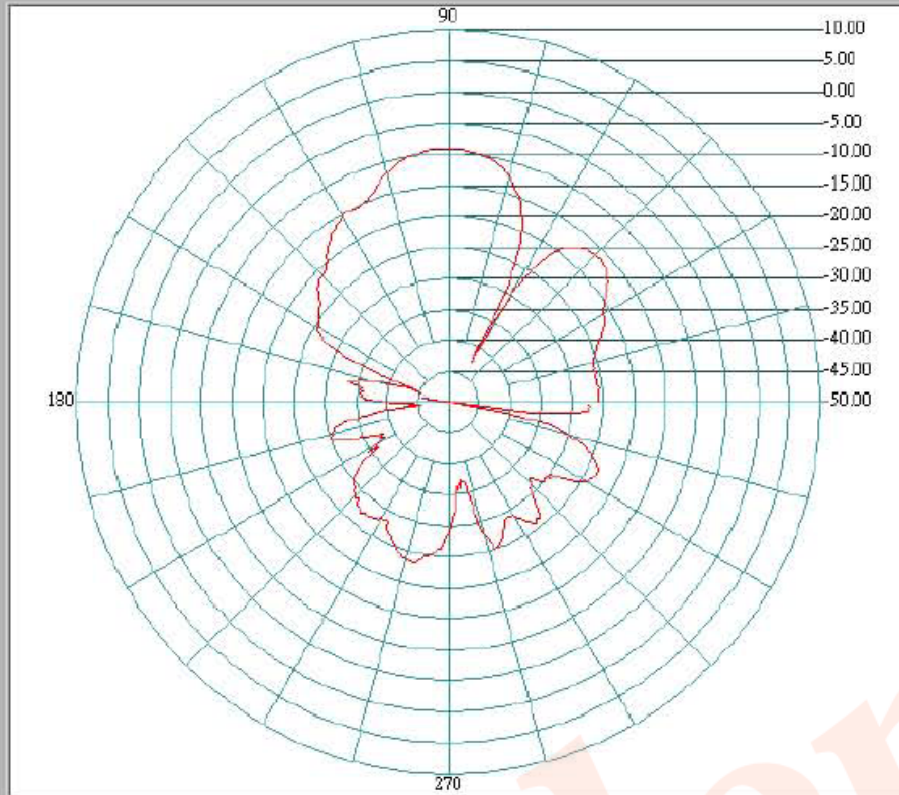
Center Frequency 2480MHz
* DUT_Horizontal



System Setup

Antenna Pattern

Antenna Measurement System



Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Vertical

Max. value(dBi)

-9.14

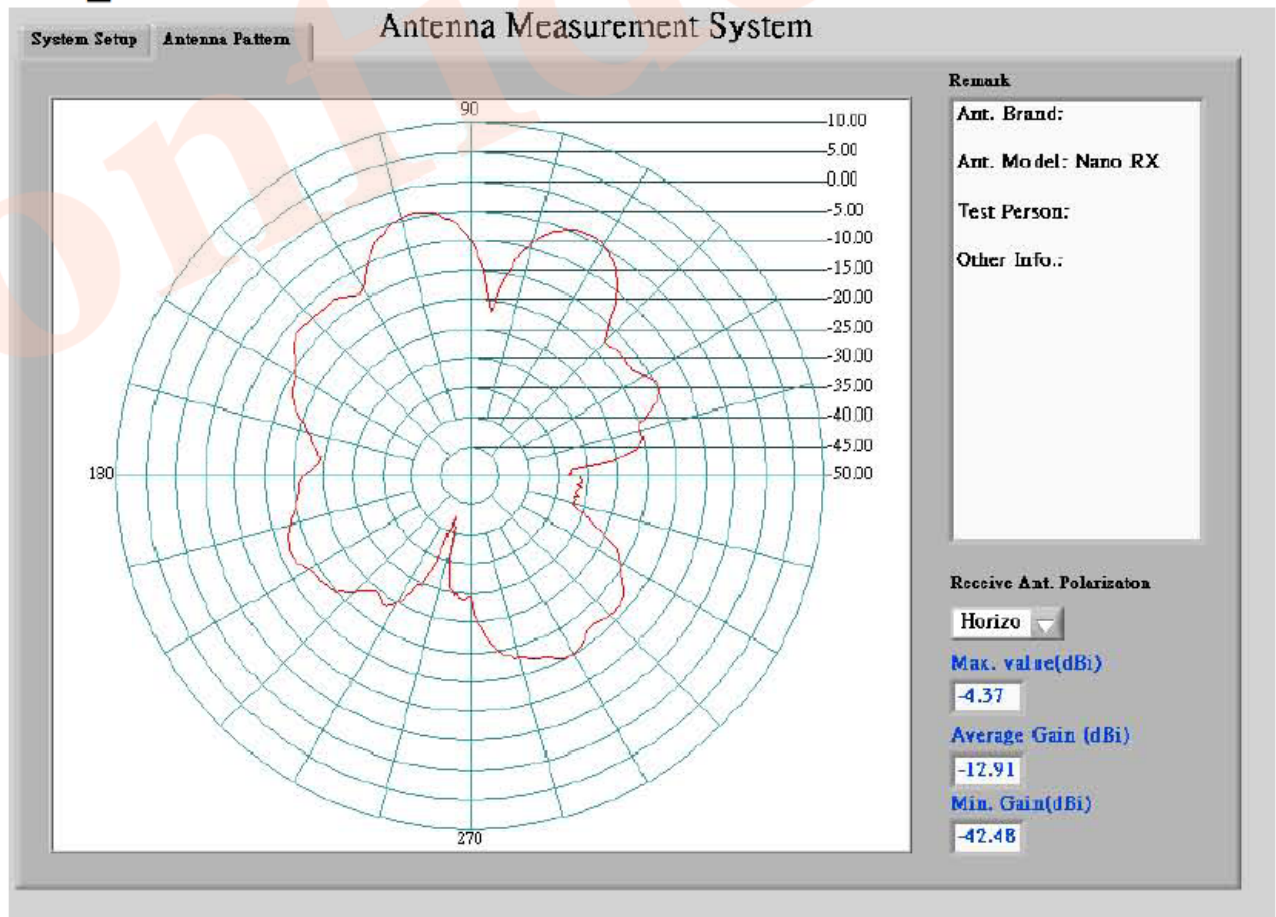
Average Gain (dBi)

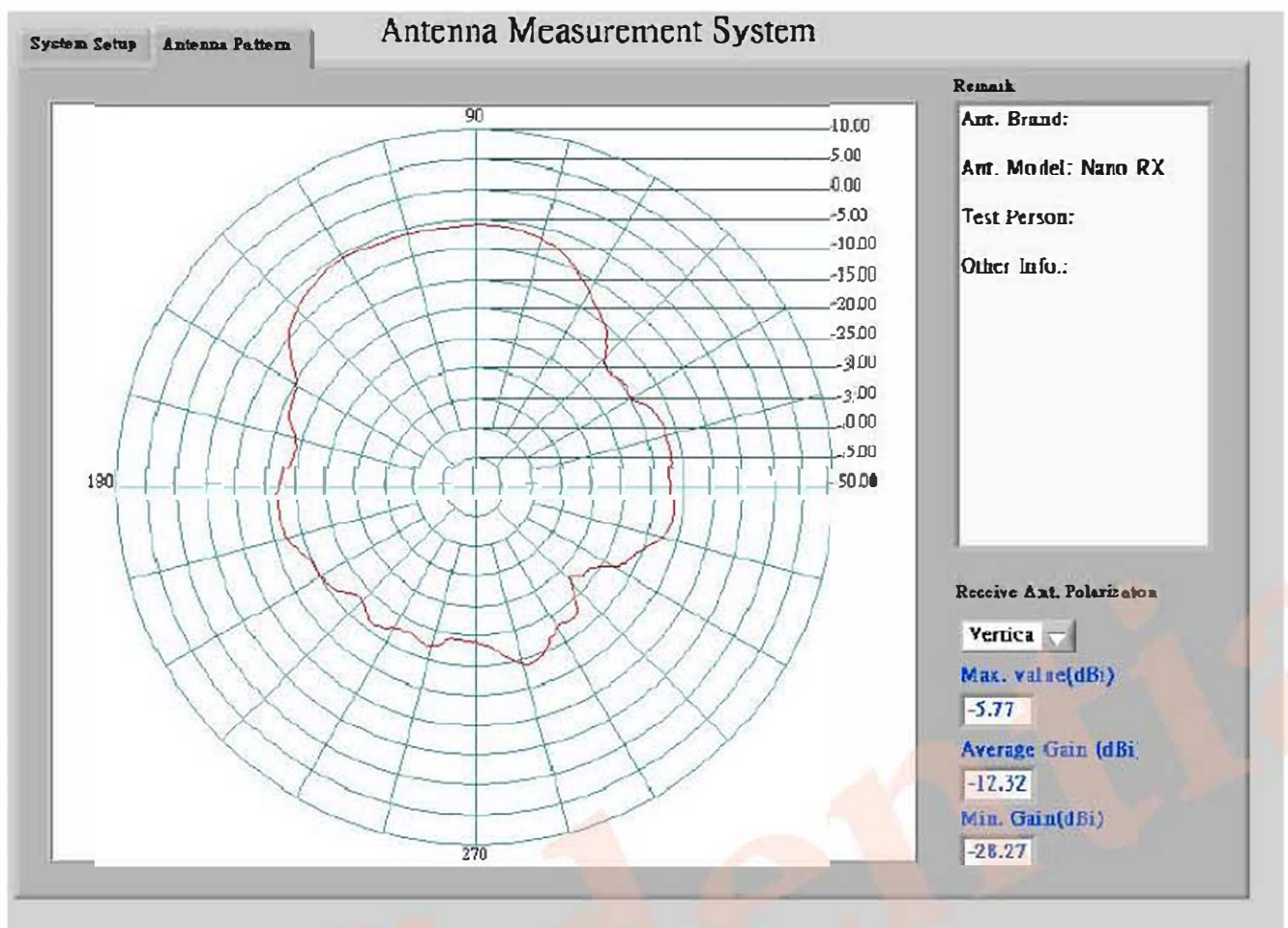
-18.54

Min. Gain(dBi)

-54.11

* DUT_ Vertical





From the above comprehensive test, it can be known that the maximum gain of this antenna synthesis system is approximately -0.71dBi.