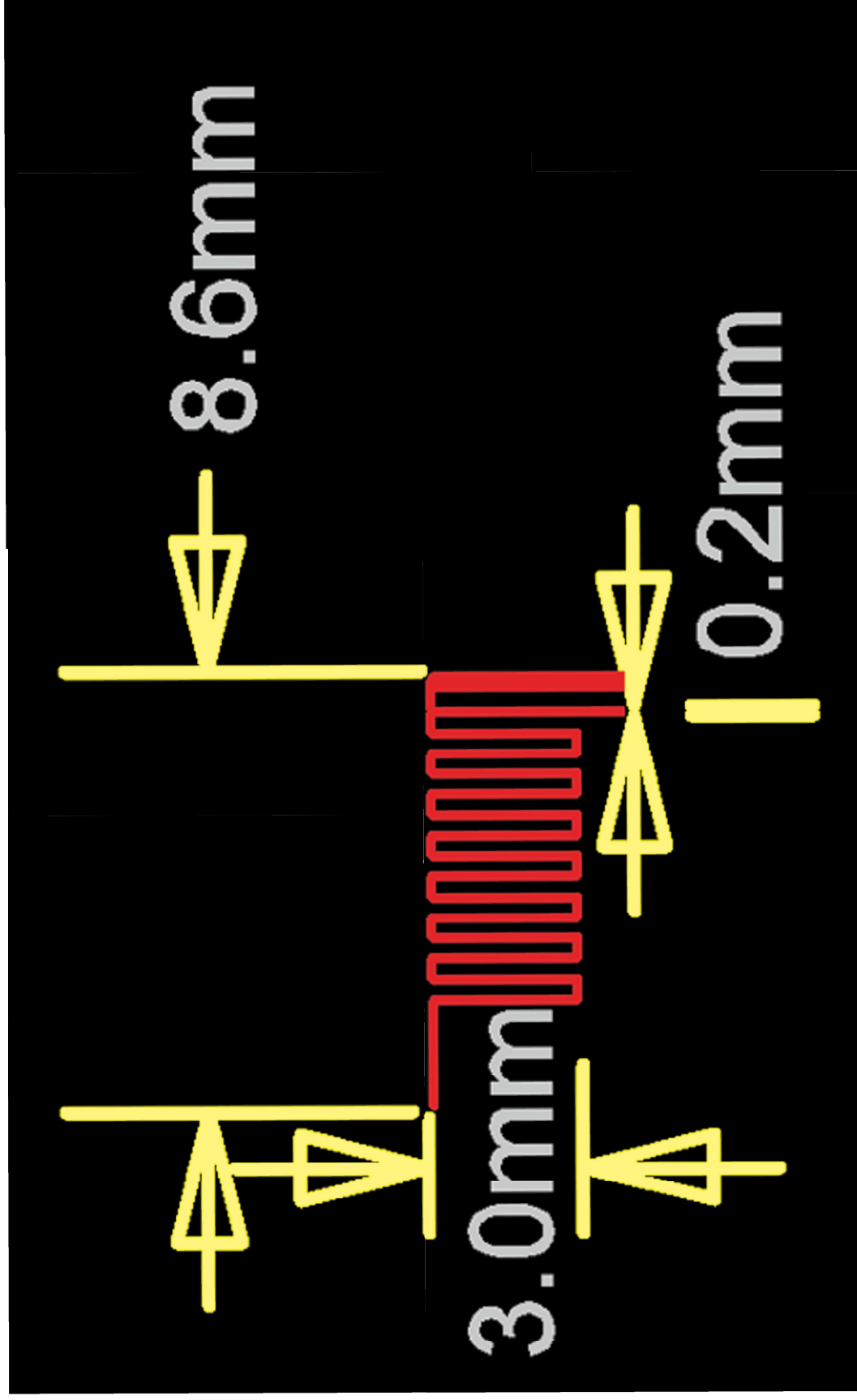
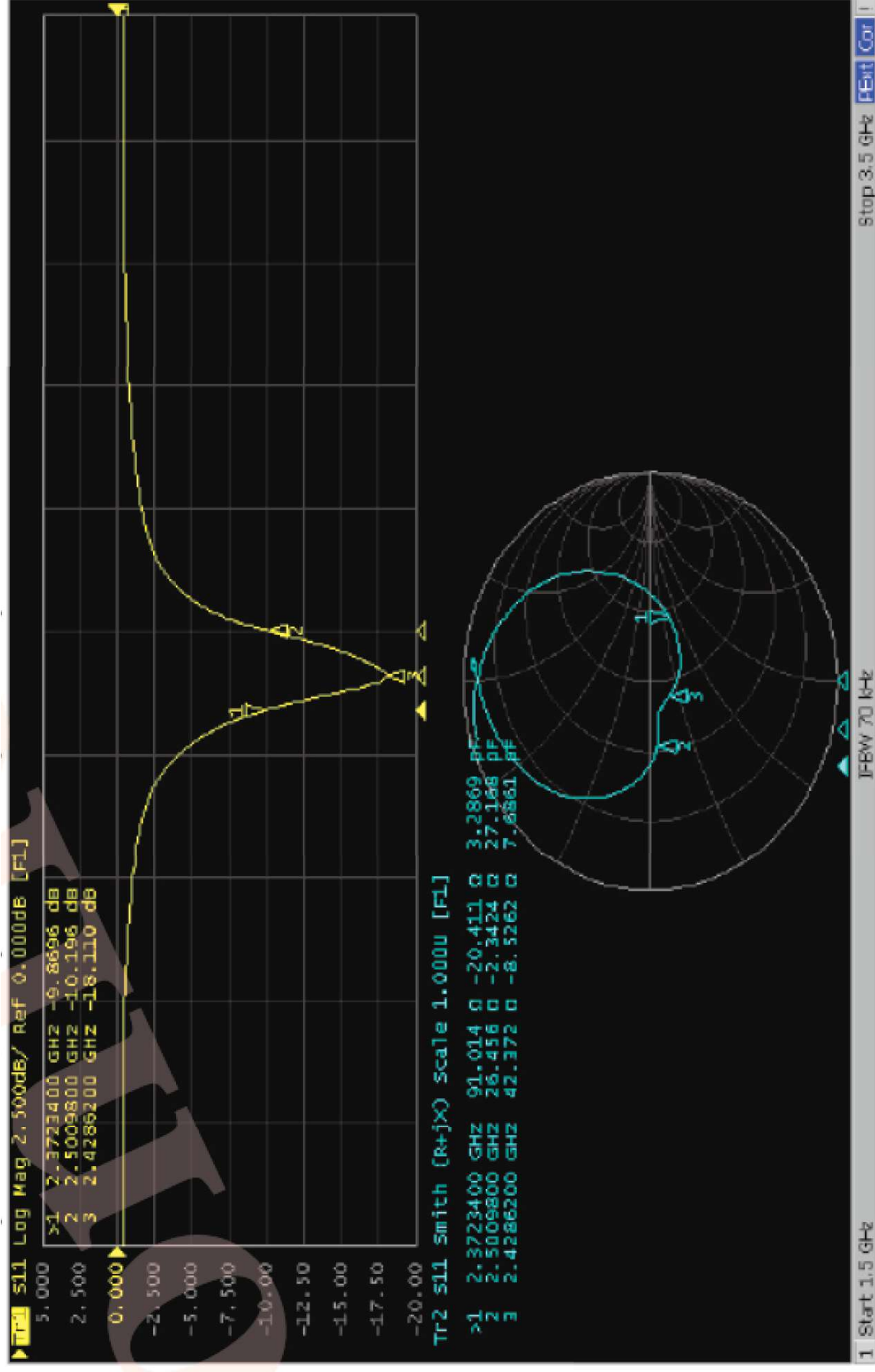


Type_3 Antenna Design Layout Guidelines & Pattern

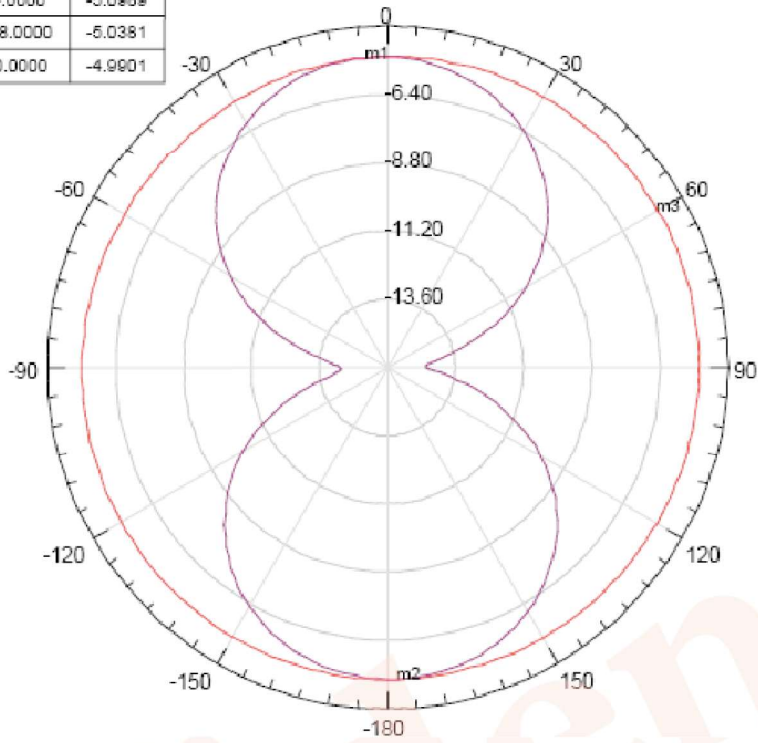
1. Antenna Photo & Length (mm):



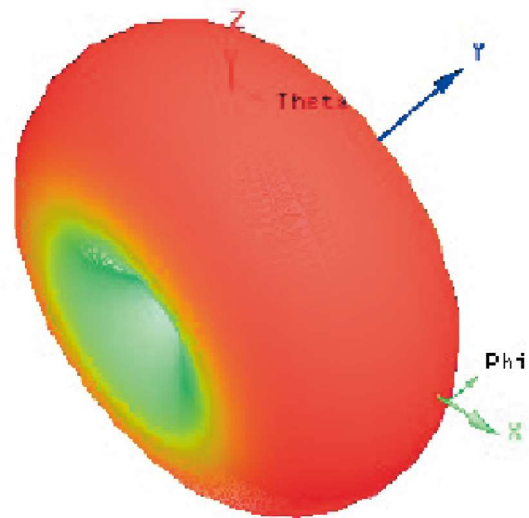
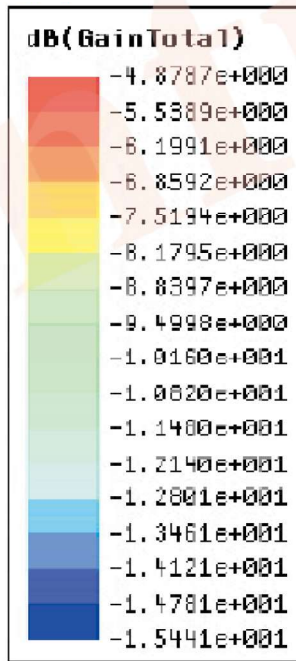
Return Loss/ VSWR



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'

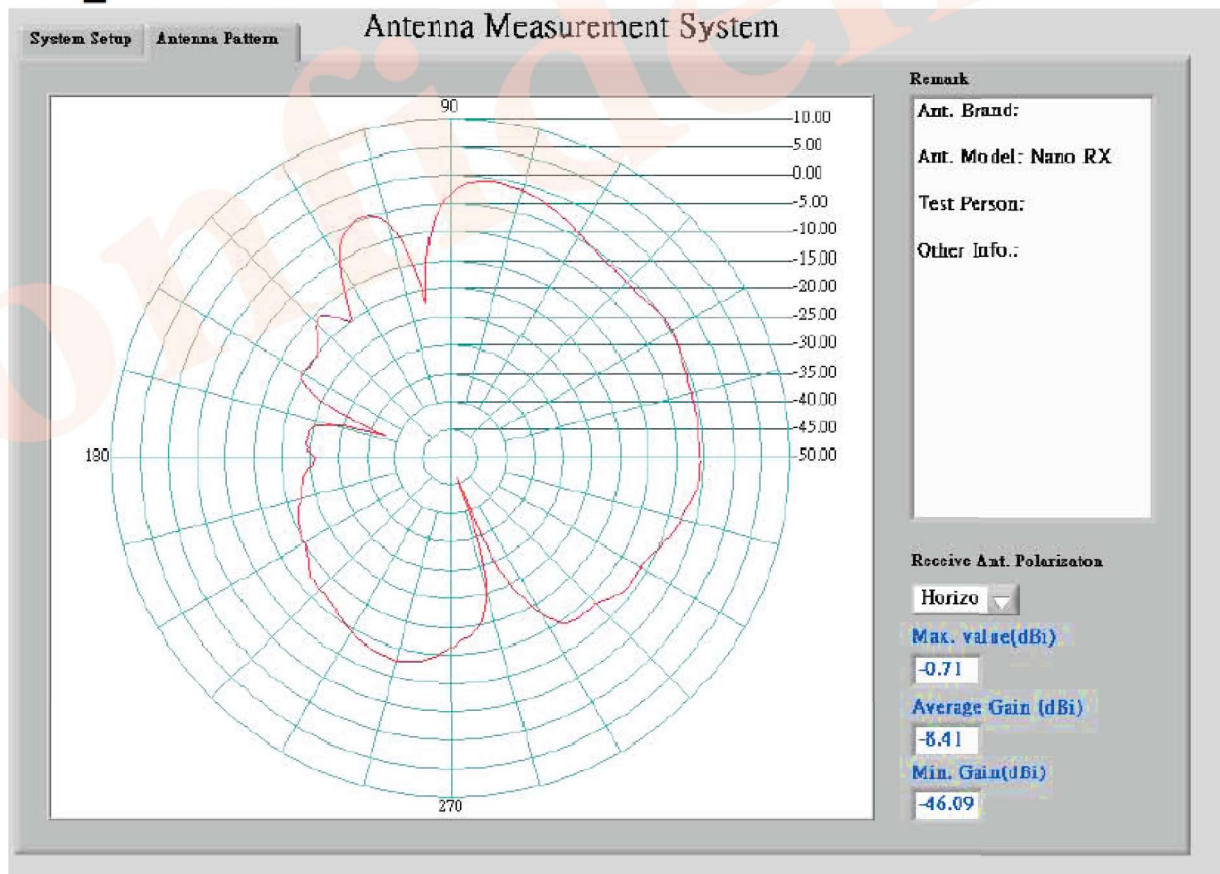


Summary

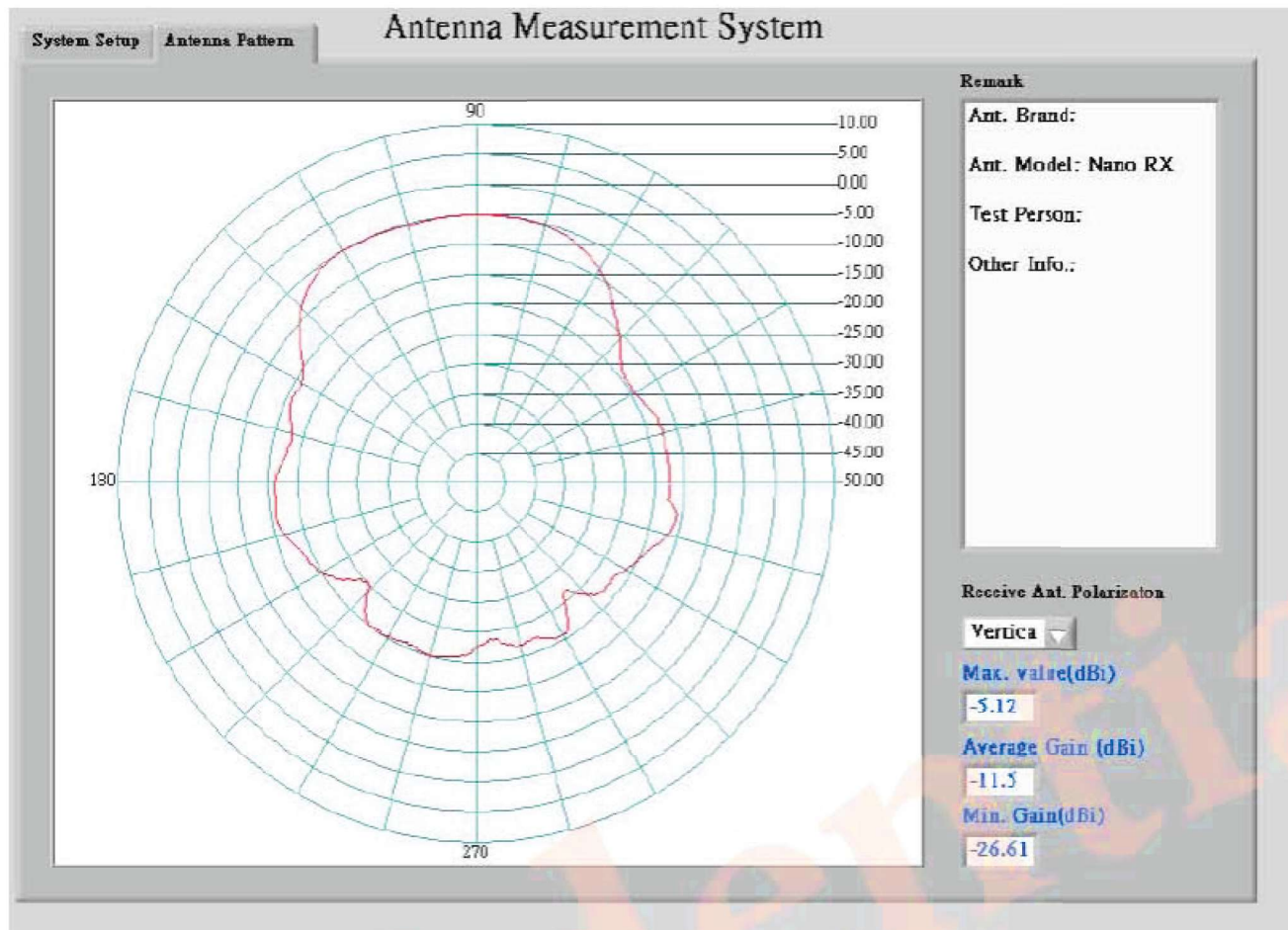
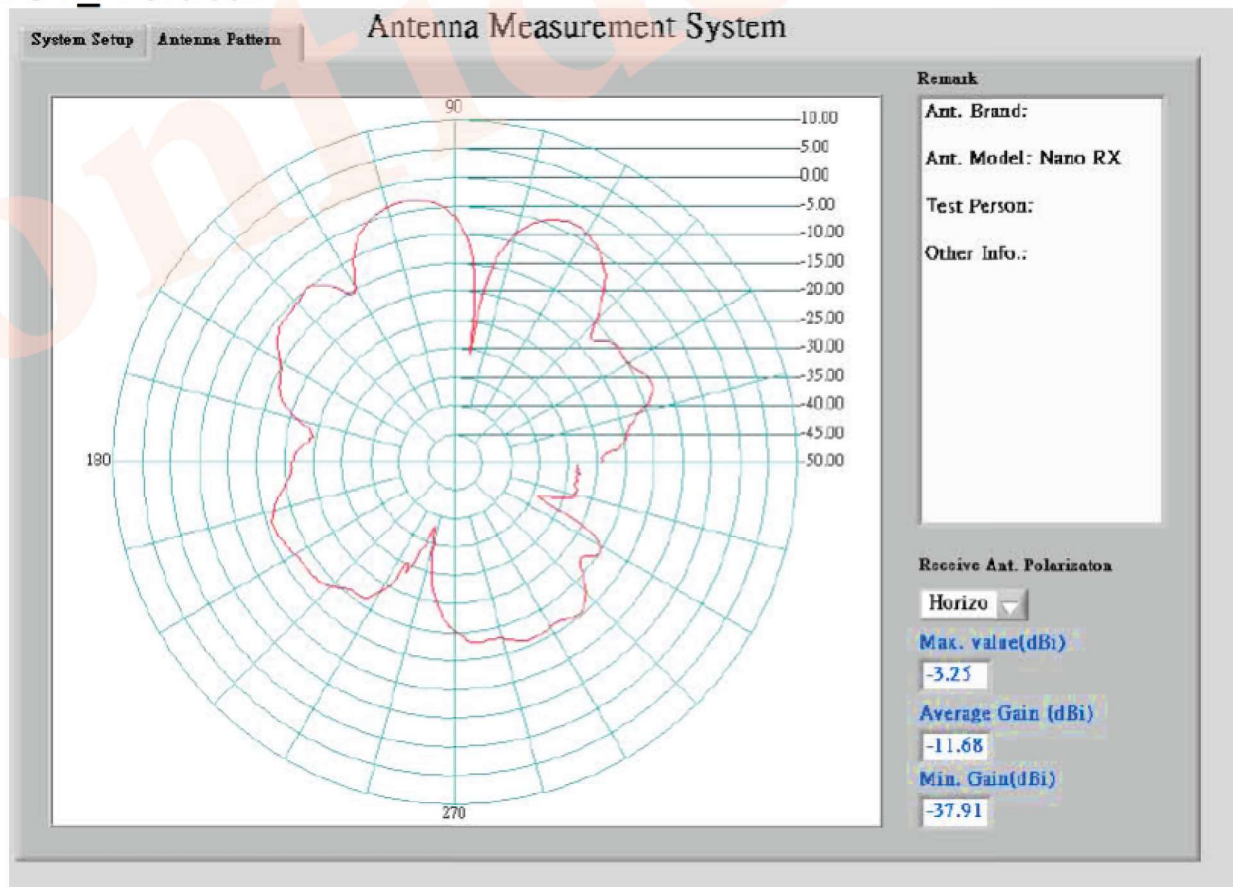
ITEM	SPEC.	
Antenna Type	Type_2_Single Wiggle Antenna	
Center Frequency	2400 MHz	- 0.71 dBi
	2450 MHz	- 0.84 dBi
	2500 MHz	- 1.75 dBi
Max. GAIN	0 dBi	
Mini. GAIN	- 55.15 dBi	
AVG GAIN	- 8.4 dBi	
DUT Polarization	Horizontal & Vertical	
TEST Output Power Level	10dBm	
Impedance	50 Ω	

Center Frequency_2400MHz

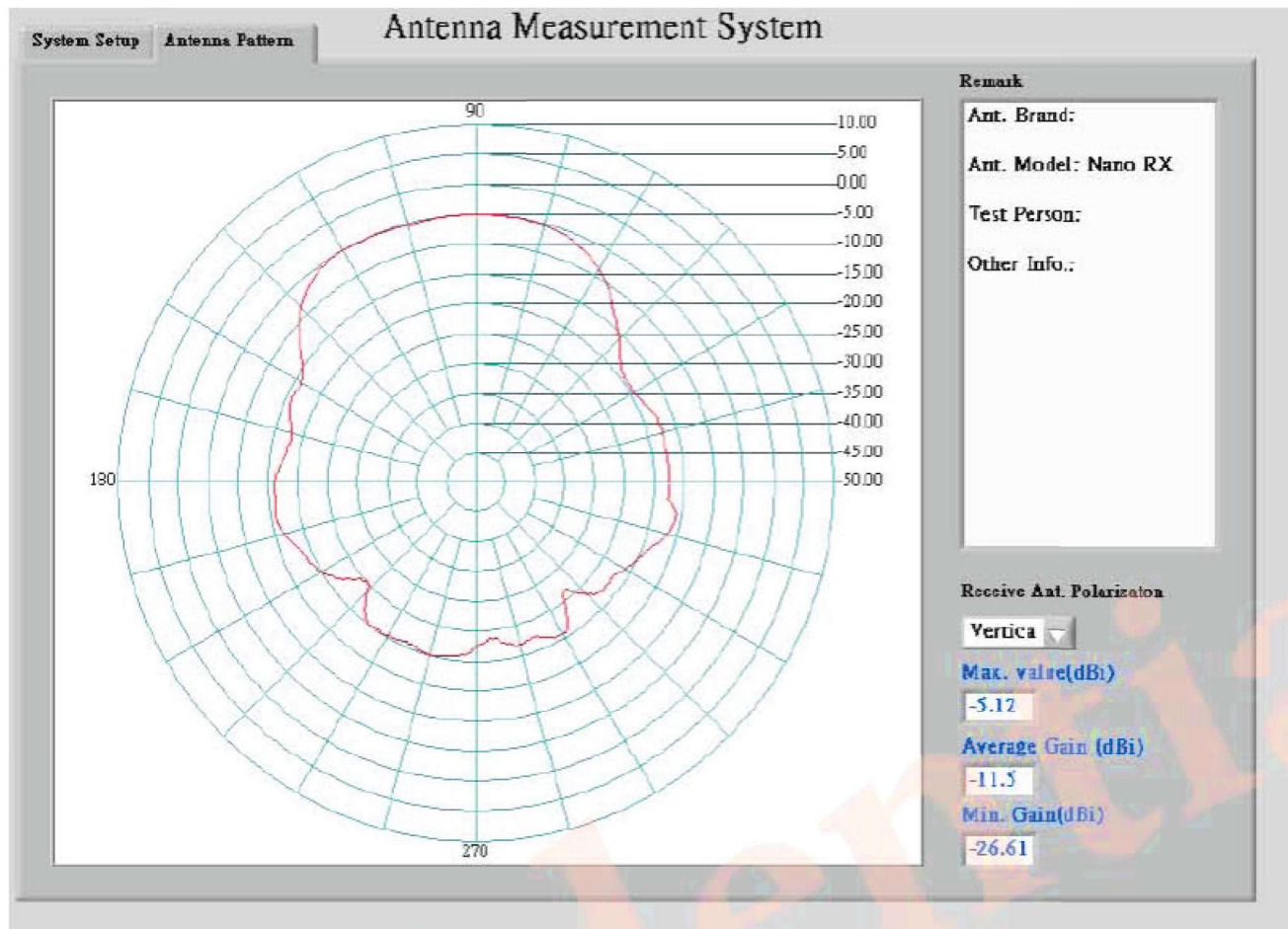
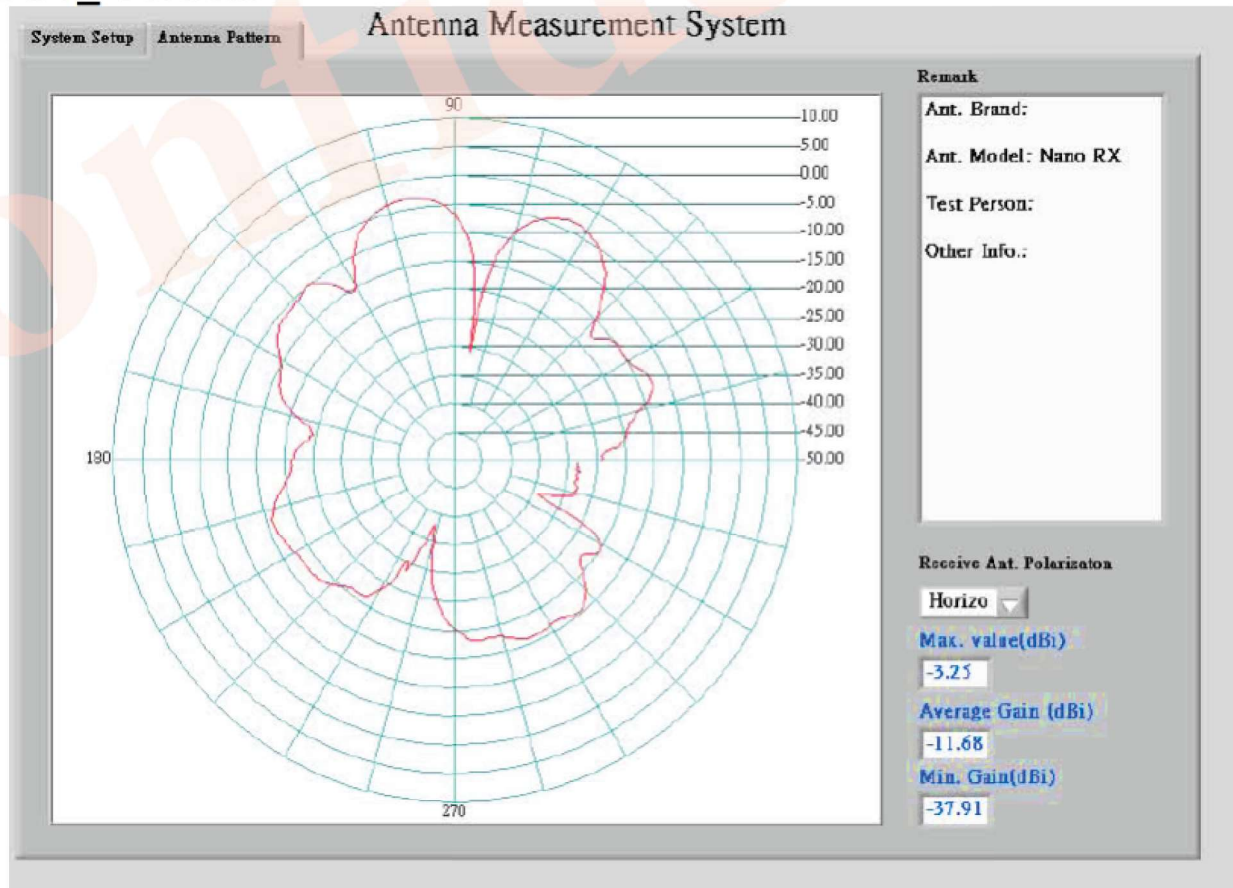
* DUT_ Horizontal



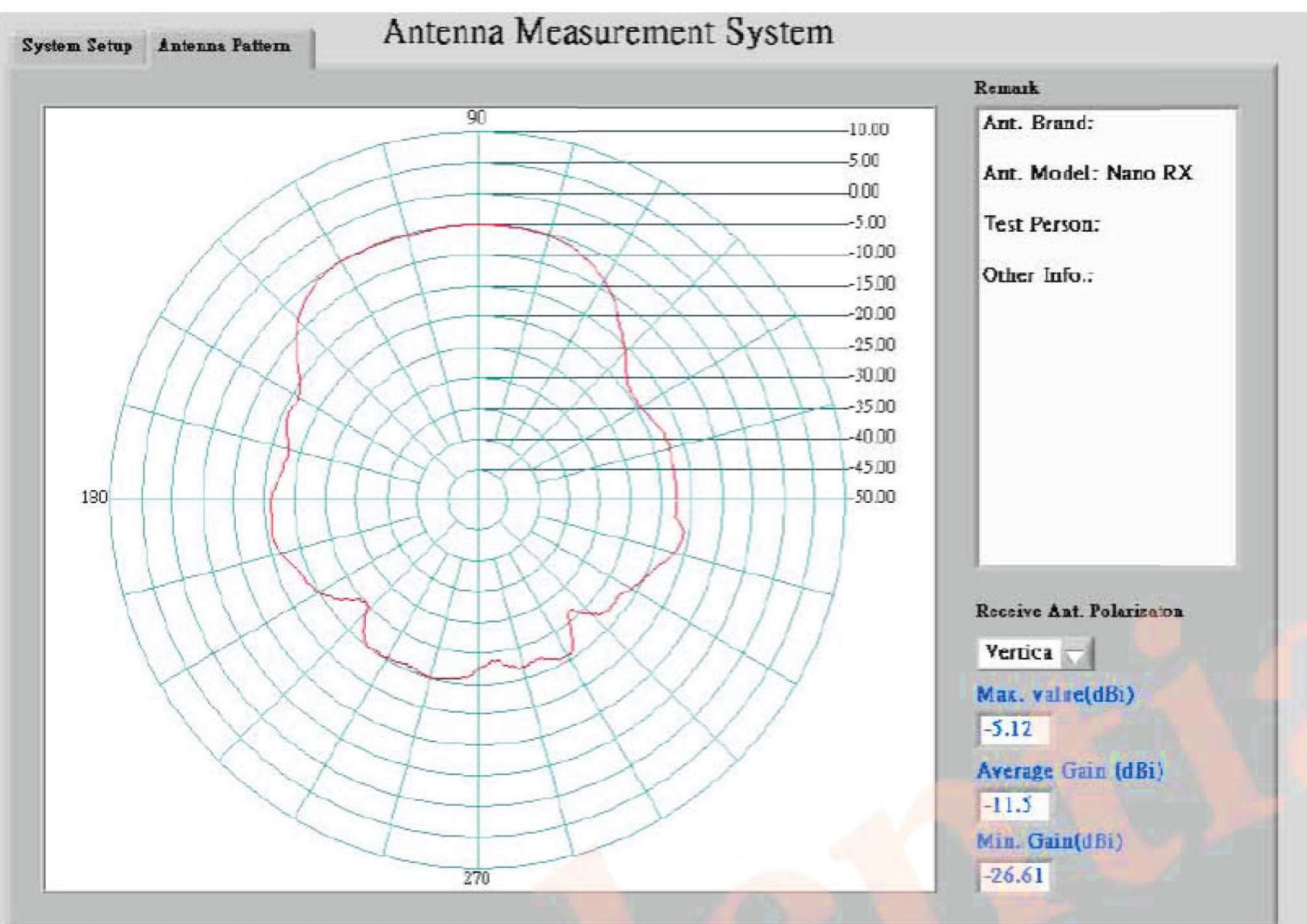
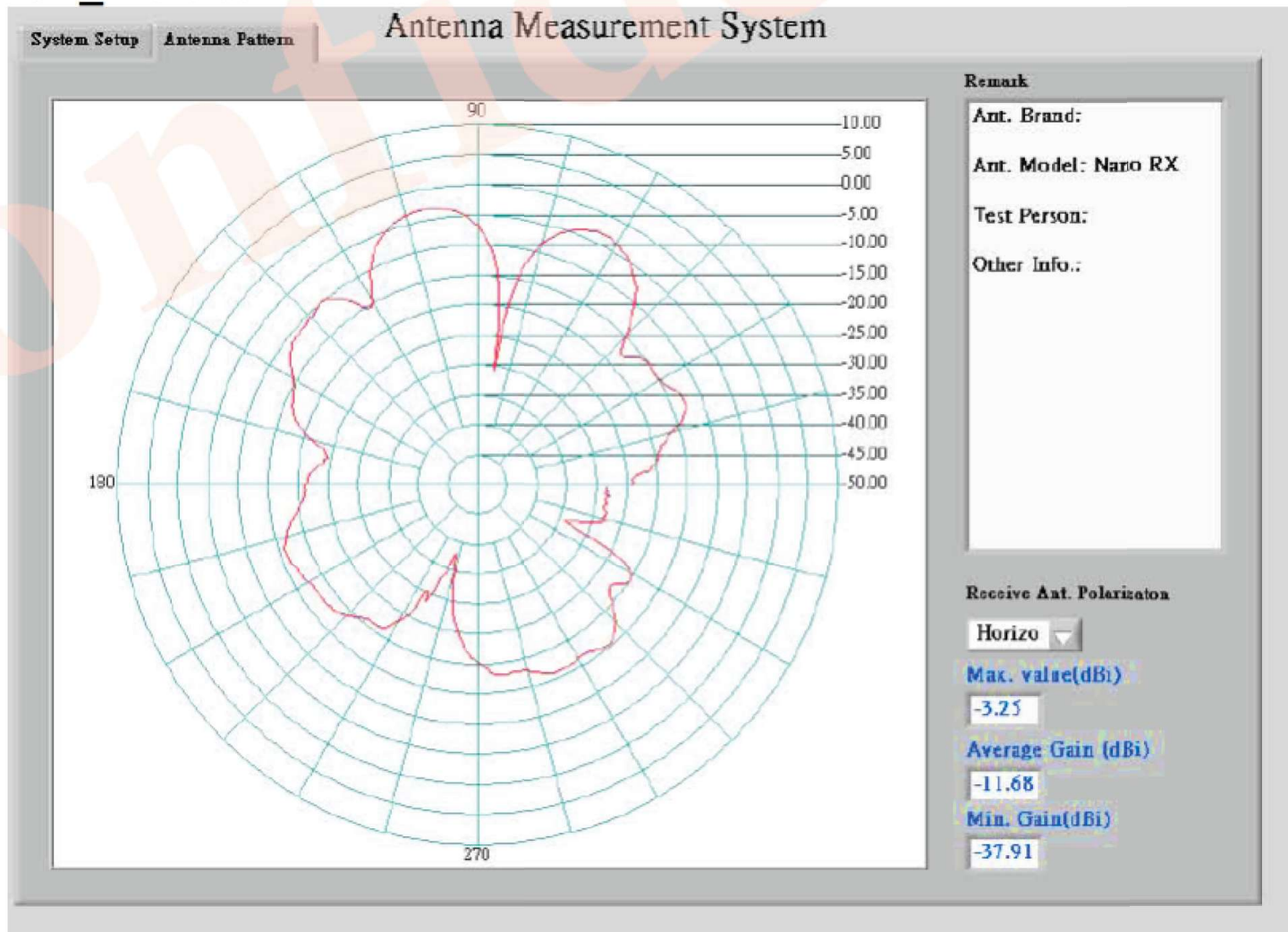
* DUT_Veritical



* DUT_Veritical

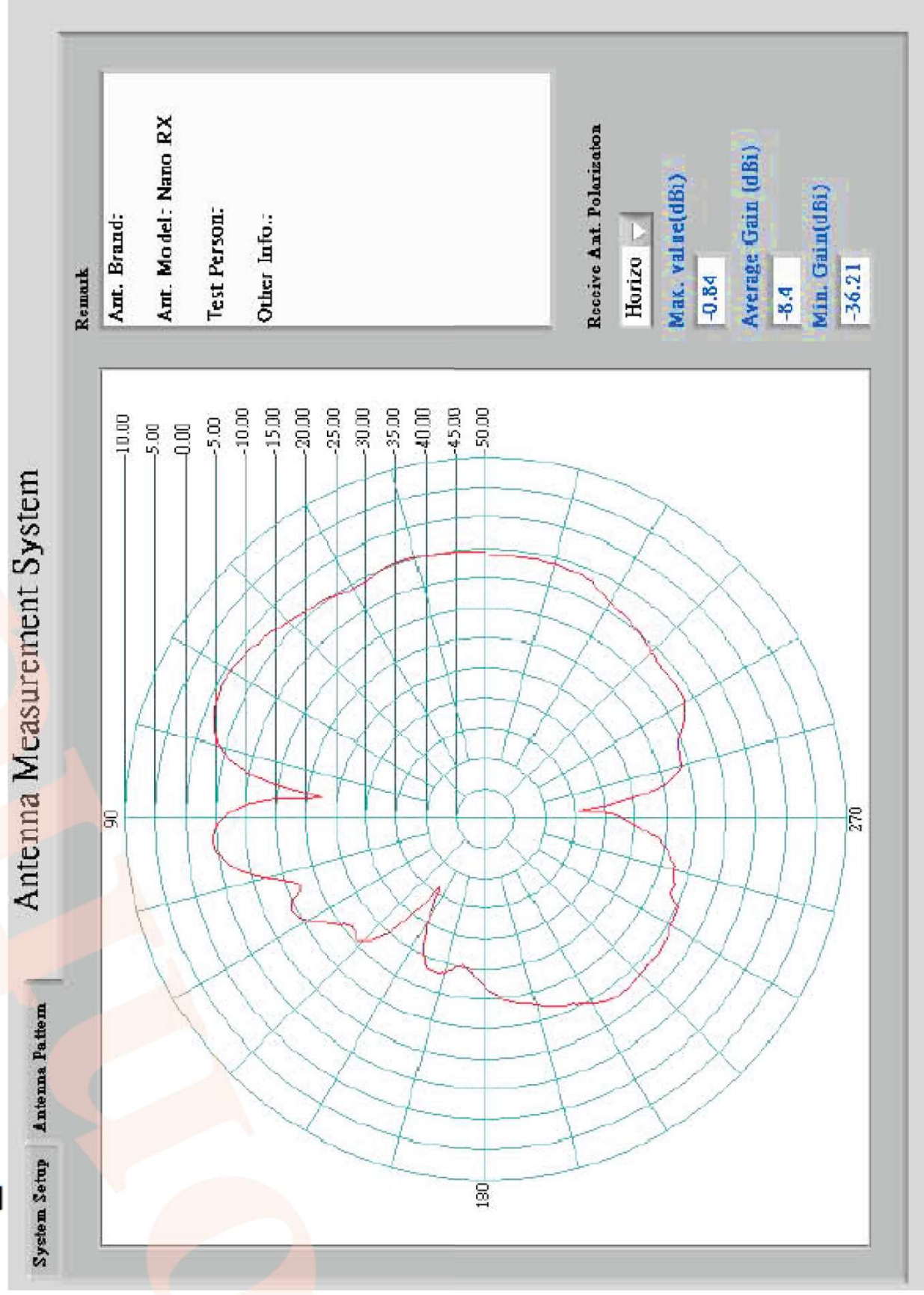


* DUT_Vertical



Center Frequency_2450MHz

*DUT_Horizontal



Antenna Measurement System

System Setup

Antenna Pattern

Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Vertical

Mak. value(dBi)

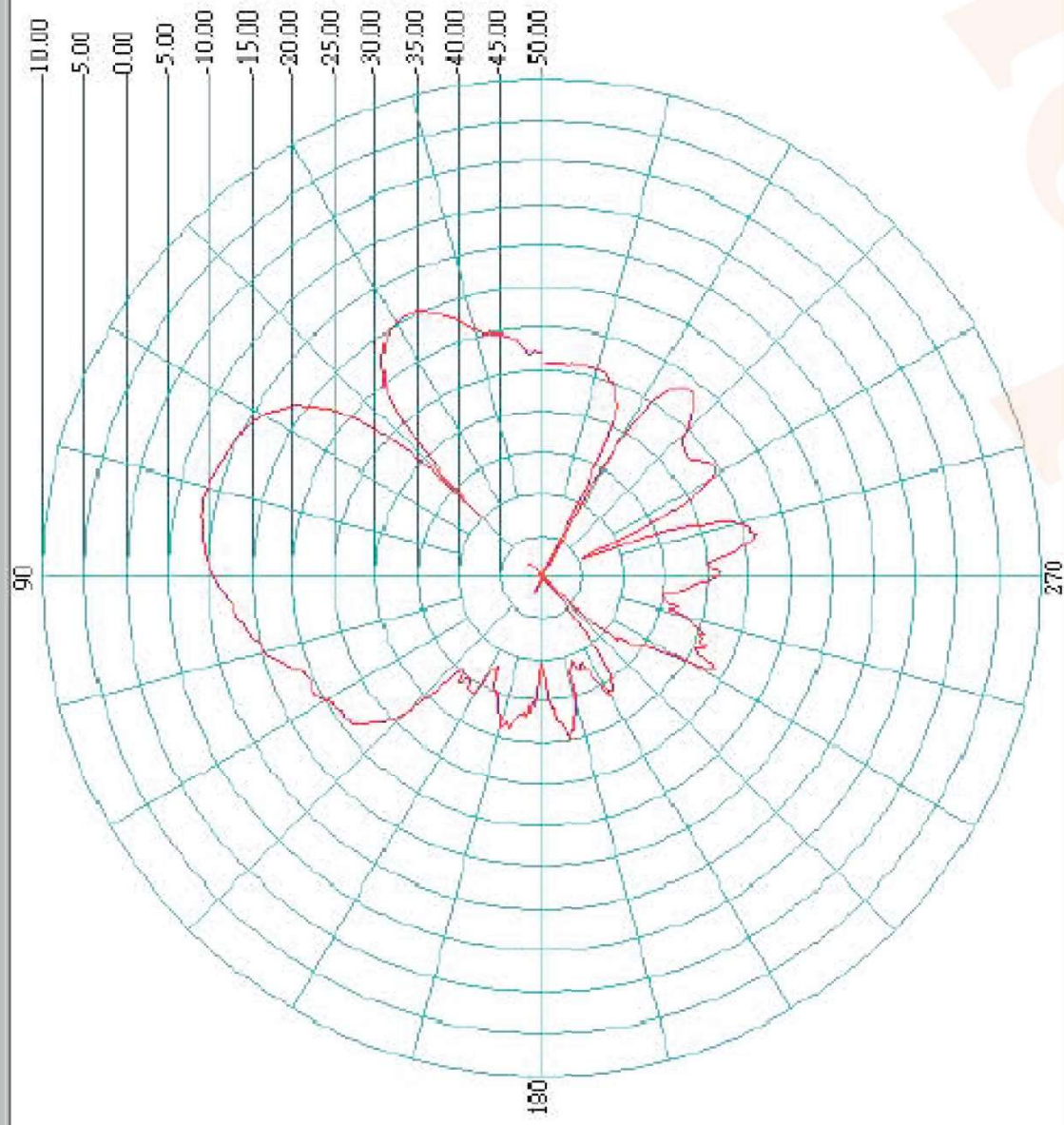
-8.3

Average Gain (dBi)

-17.74

Min. Gain(dBi)

-52.24



*DUT_ Vertical

Antenna Measurement System

System Setup | Antenna Pattern

Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Horizo

Max. value(dBi)

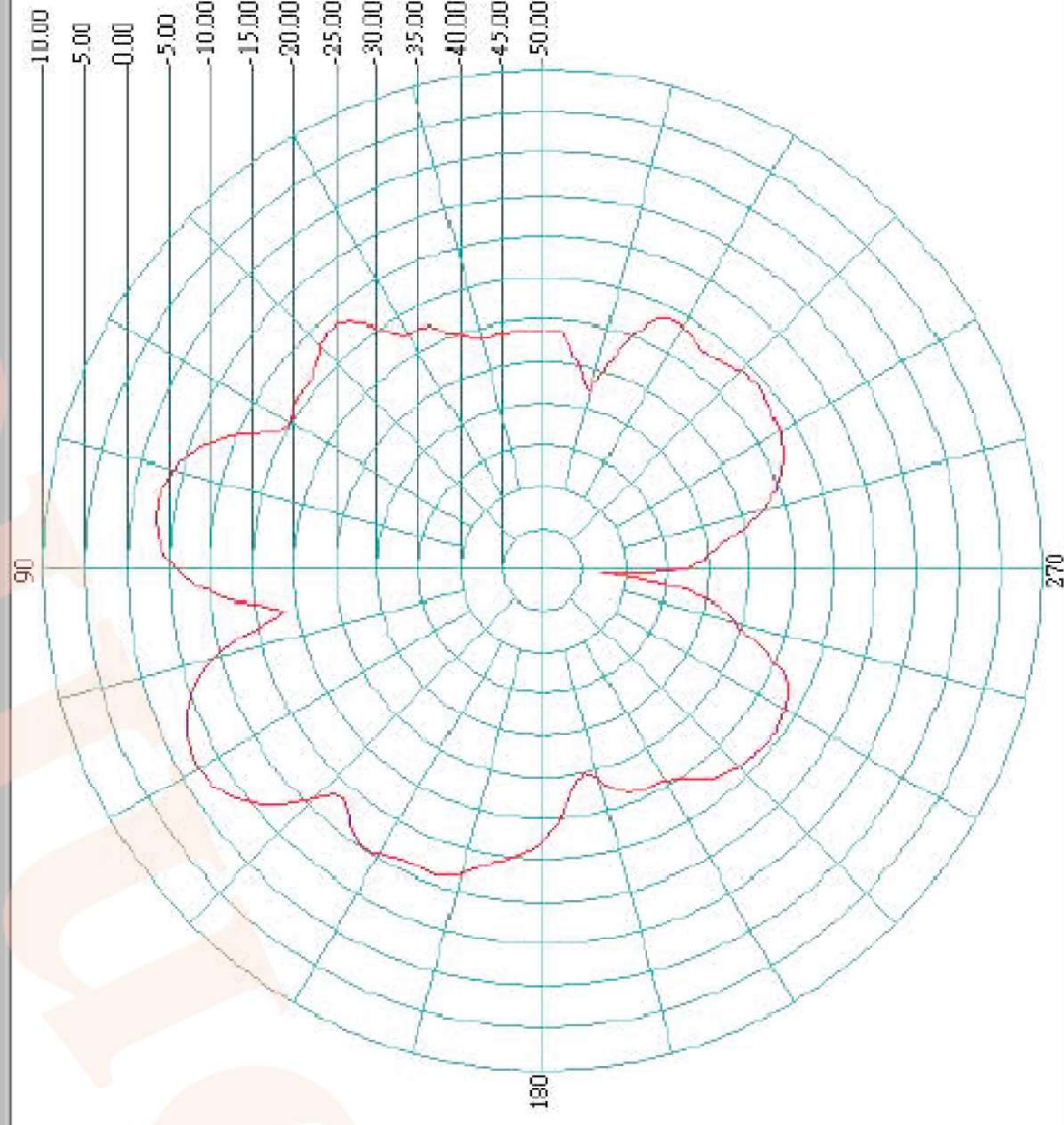
-2.37

Average Gain (dBi)

-11.13

Min. Gain(dBi)

-42.61



Antenna Measurement System

System Setup | Antenna Pattern

Remark

Ant. Brand:
Ant. Model: Nano RX
Test Person:
Other Info.:

Receive Ant. Polarization

Horizo

Max. value(dBi)

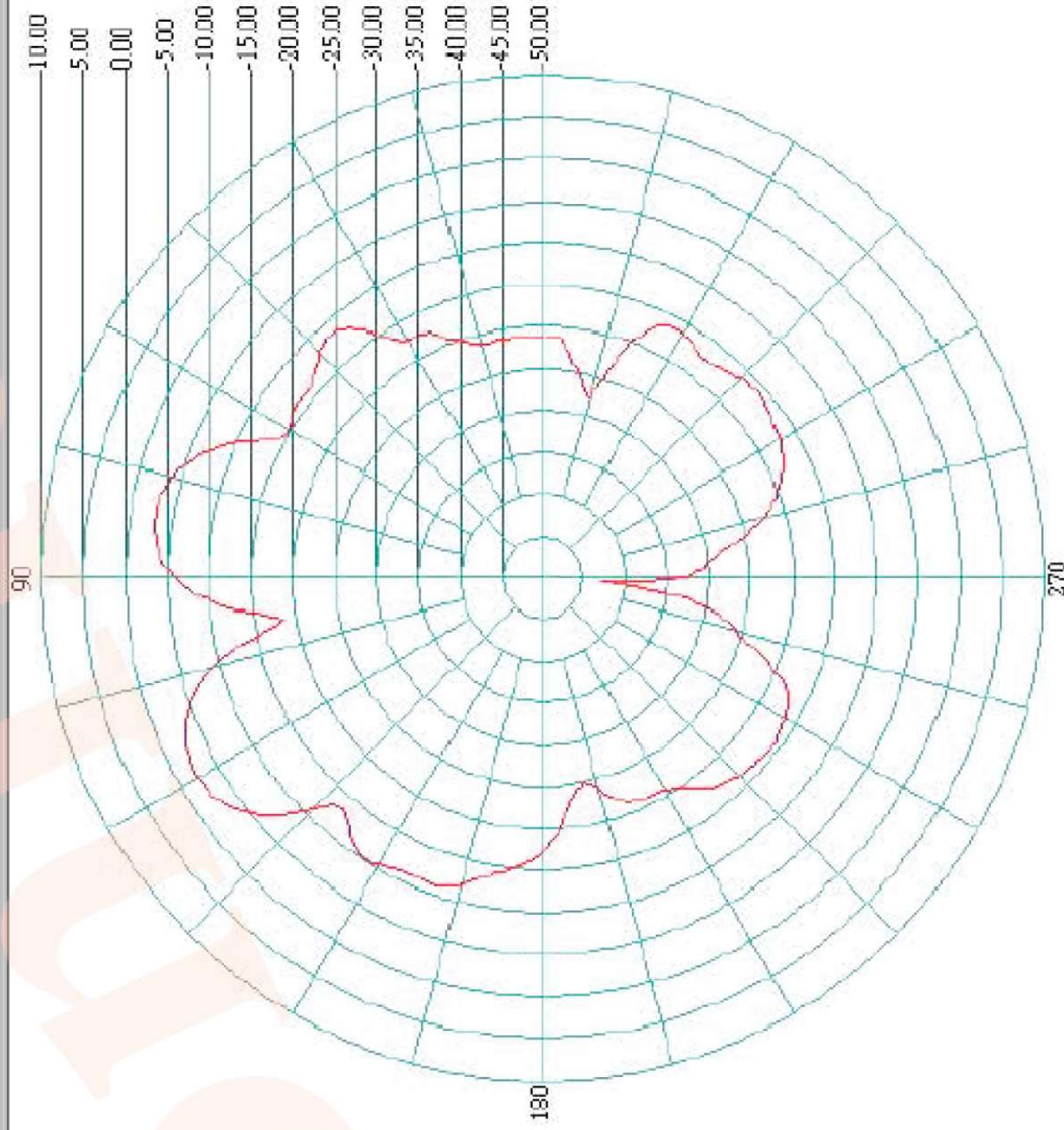
-2.37

Average Gain (dBi)

-11.13

Min. Gain(dBi)

-42.61



Antenna Measurement System

System Setup Antenna Pattern

Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Vertical

Max. value(dBi)

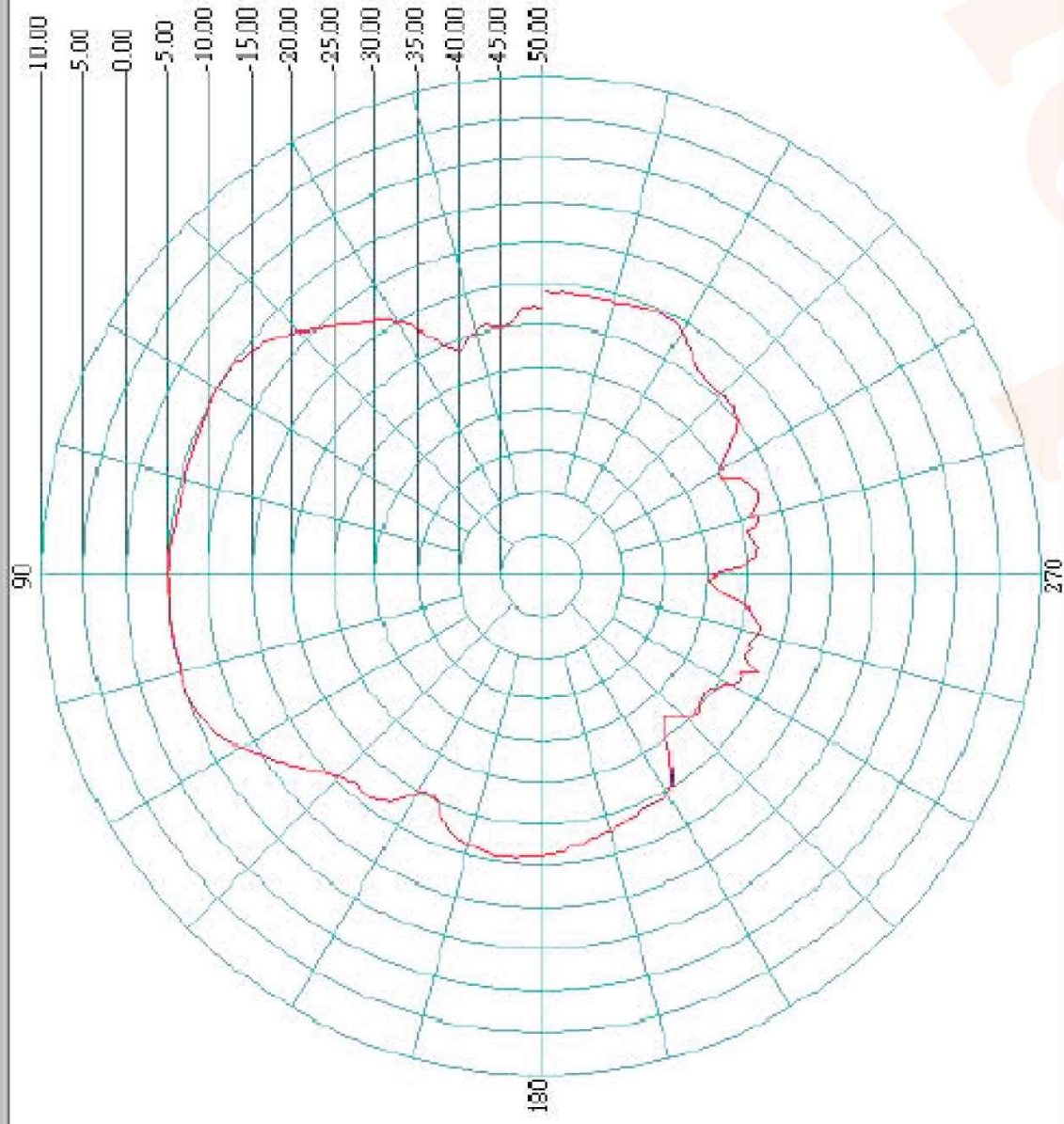
-5.09

Average Gain (dBi)

-11.46

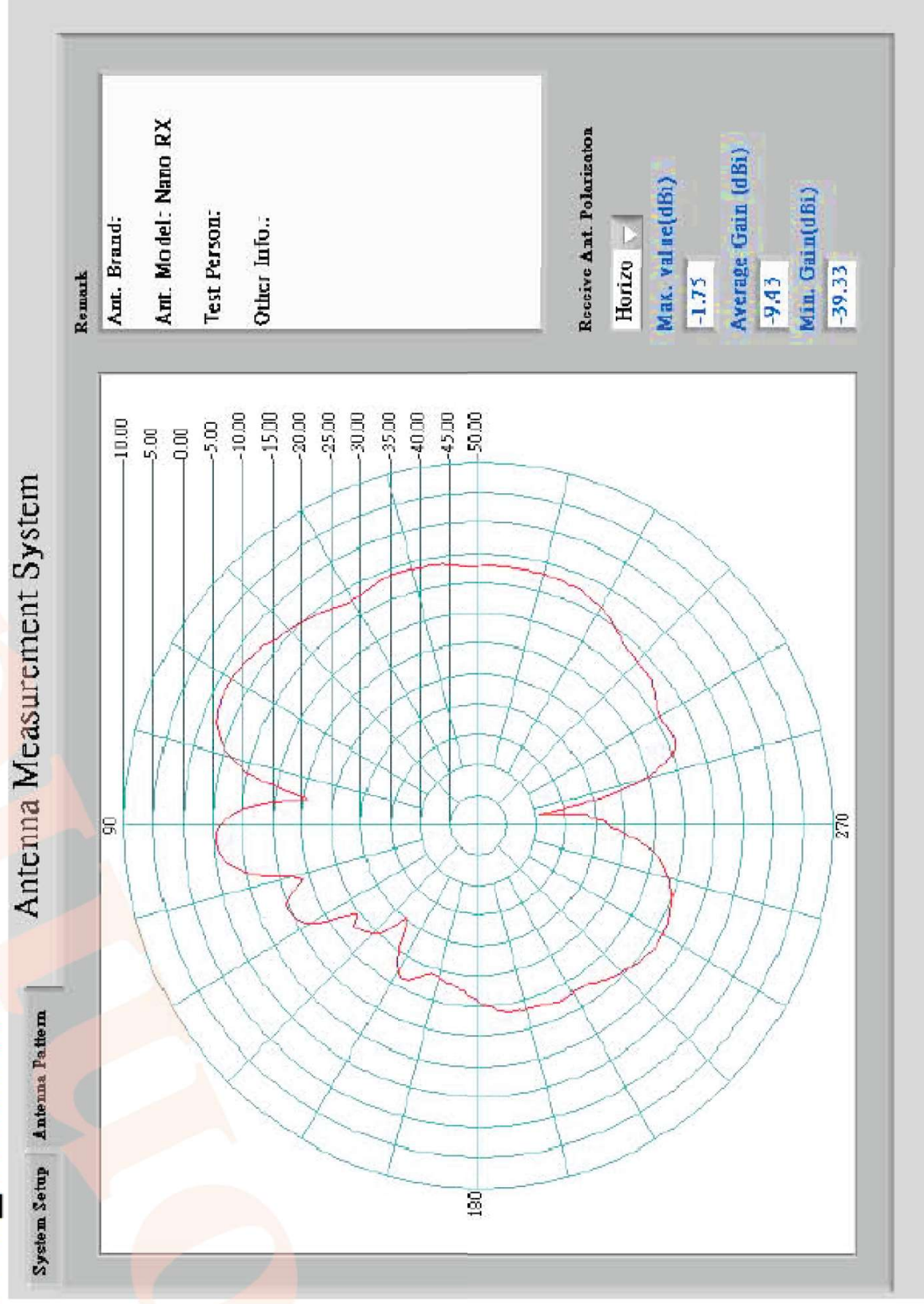
Min. Gain(dBi)

-29.87



Center Frequency_2500MHz

*DUT_ Horizontal



Antenna Measurement System

System Setup

Antenna Pattern

Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Vertical

Max. value(dBi)

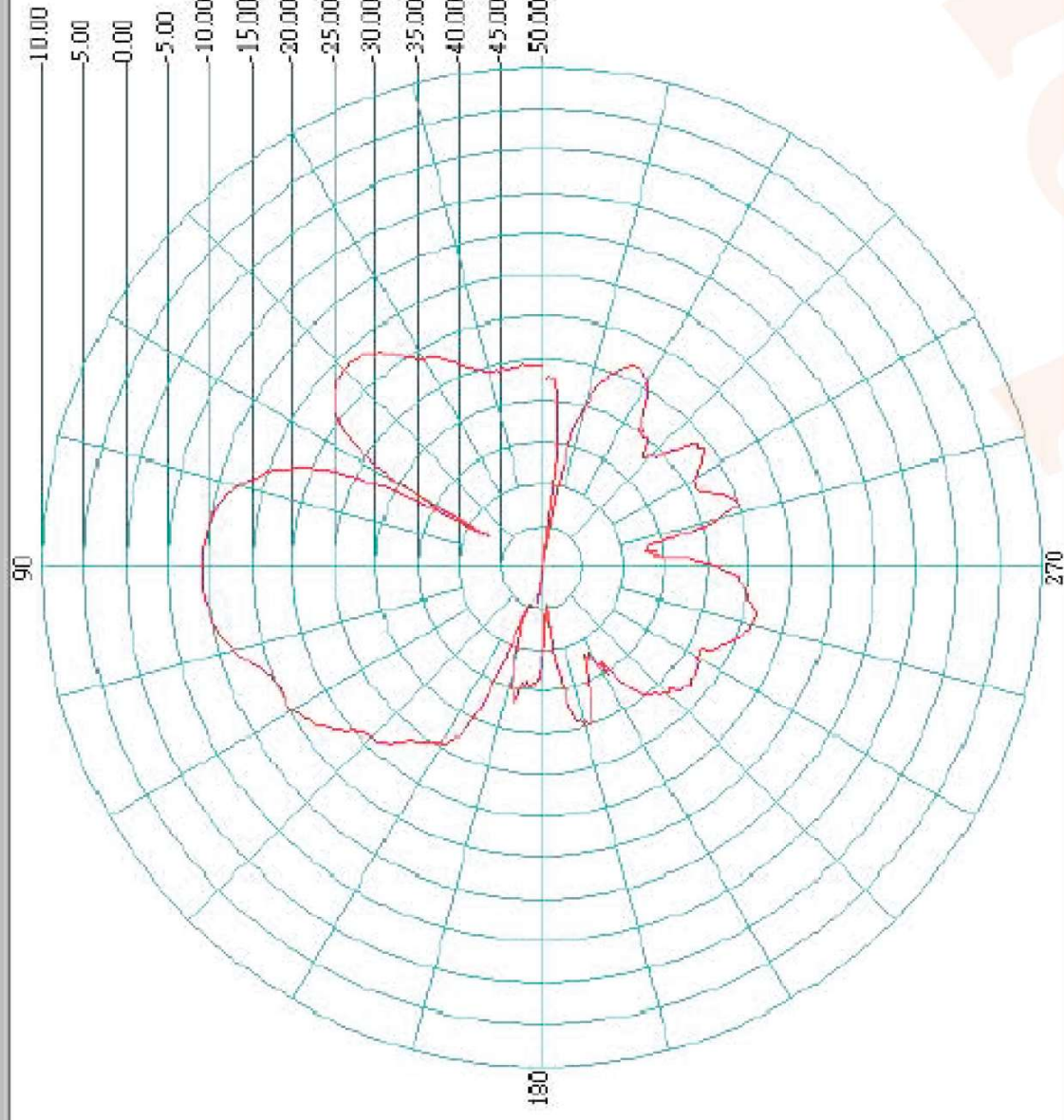
-9.14

Average Gain (dBi)

-18.54

Min. Gain(dBi)

-54.11



*DUT_ Vertical

Antenna Measurement System

System Setup | Antenna Pattern

Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Horizo

Max. value(dBi)

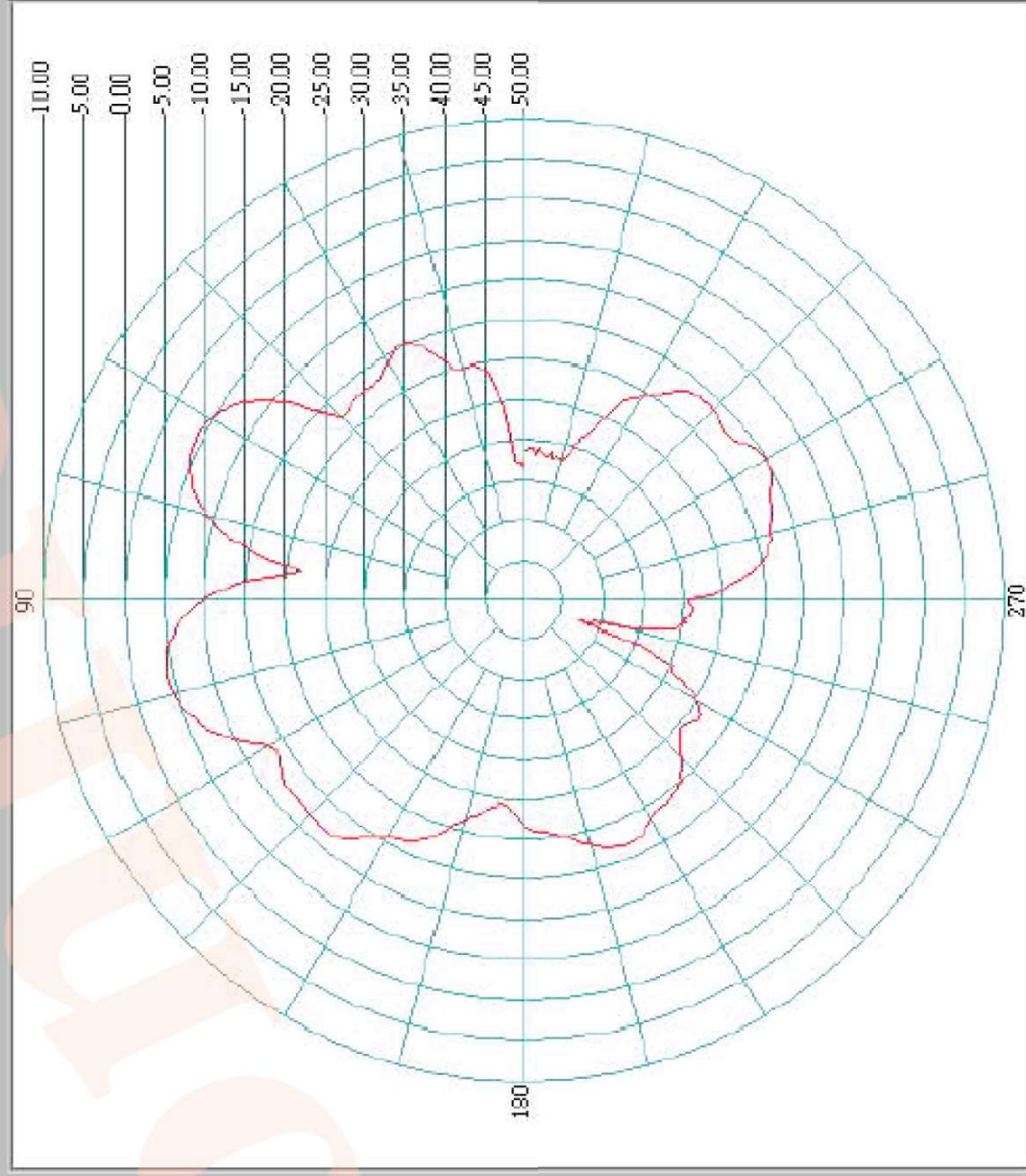
-4.37

Average Gain (dBi)

-12.91

Min. Gain(dBi)

-42.48



Antenna Measurement System

System Setup

Antenna Pattern

Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Horizo

Max. value(dBi)

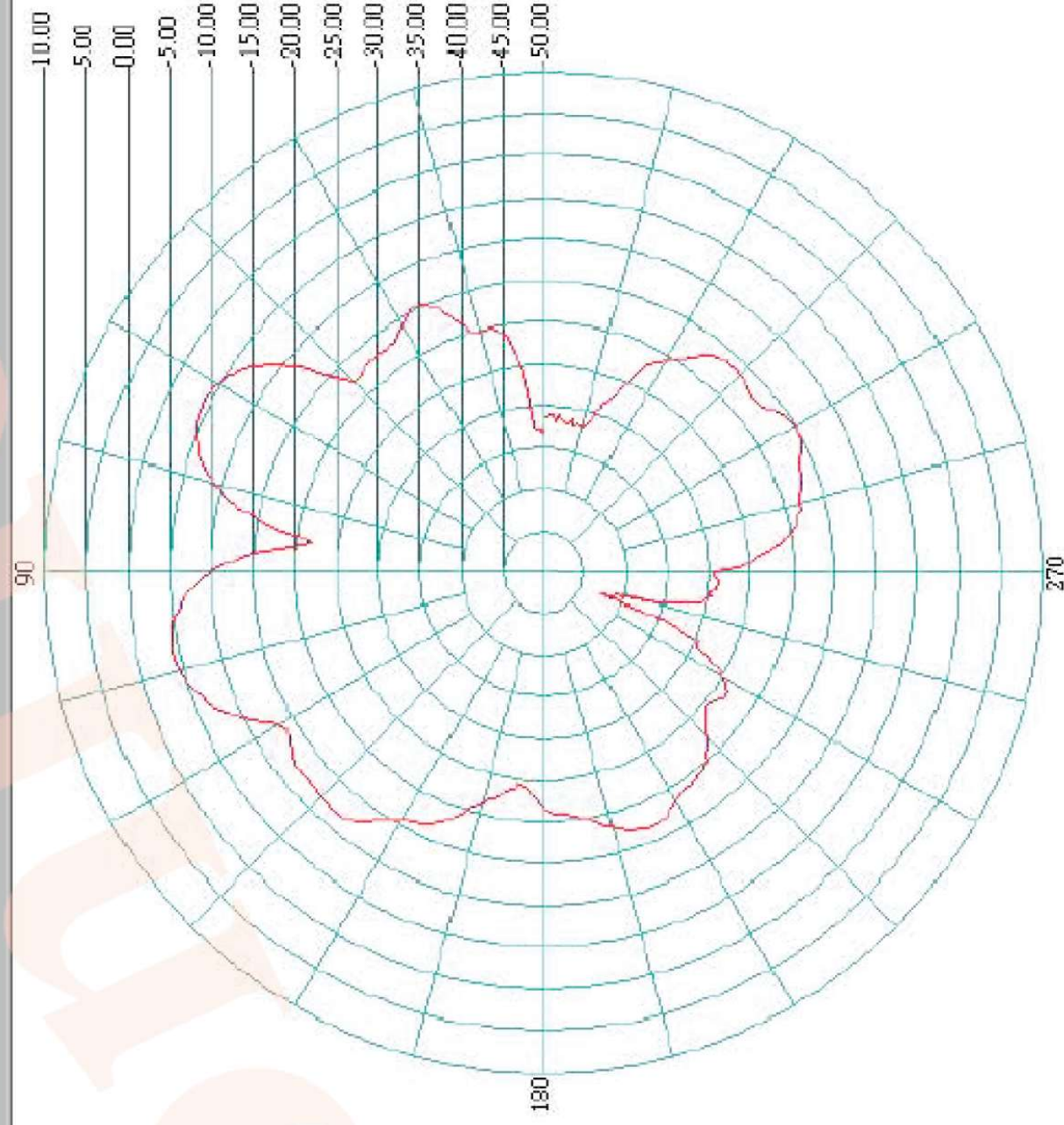
-4.37

Average Gain (dBi)

-12.91

Min. Gain(dBi)

-42.48



Antenna Measurement System

System Setup **Antenna Pattern**

Remark

Ant. Brand:

Ant. Model: Nano RX

Test Person:

Other Info.:

Receive Ant. Polarization

Vertical

Max. value(dBi)

-5.77

Average Gain (dBi)

-12.32

Min. Gain(dBi)

-28.27

