Manufacturer: Yingjiachuang Electronic Technology Co., LTD

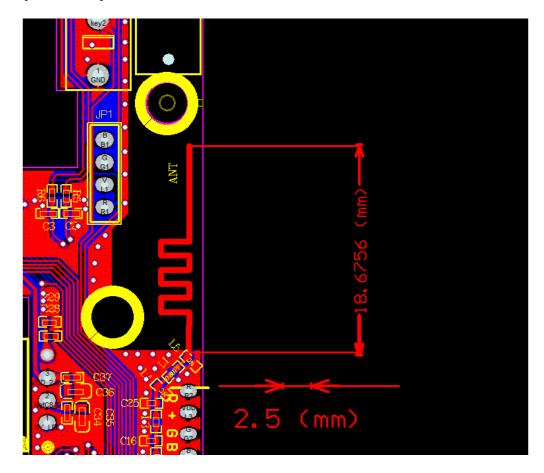
Address : building A.C, guangming valley, hongyu guangming, valley, no. 11, jiangyou magang,

shiwei community, matantian office, guangming district, shenzhen

Antenna Type: PCB

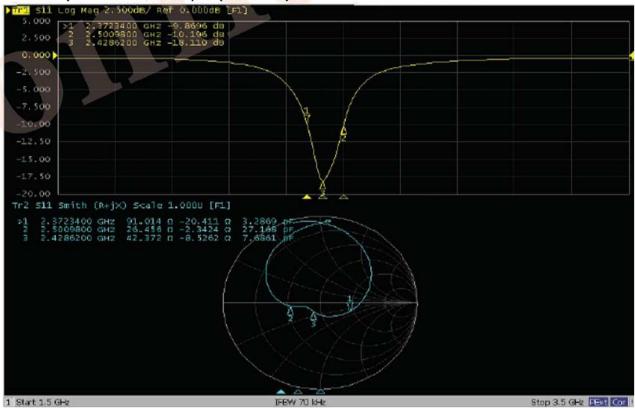
Type_3 Antenna Design Layout Guidelines & Pattern

Antenna specific size specifications are as follows (mm):

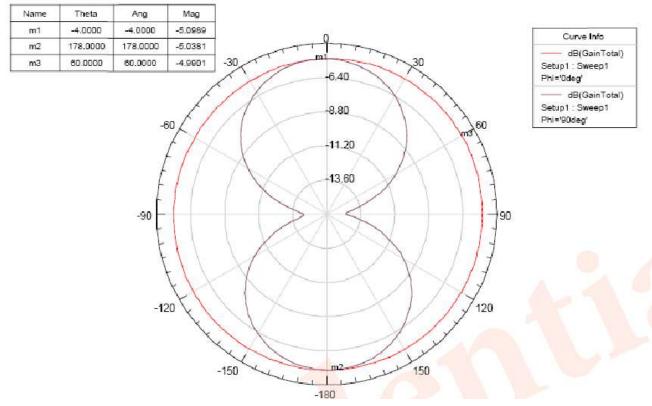


Antenna measurement and field shape simulation results are as follows:

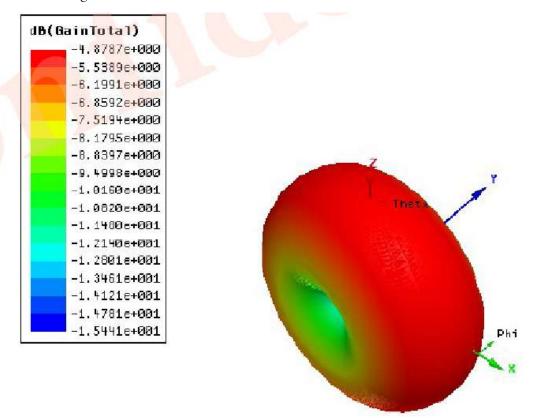
(Return Loss) / (VSWR)



2D field simulation diagram:



3D field simulation diagram:



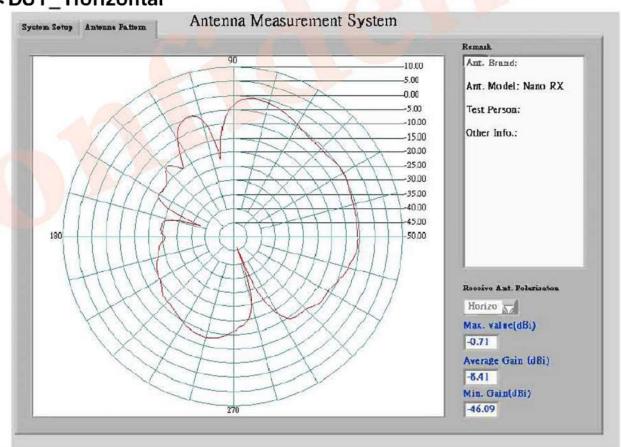
From the above measurement and simulation, it can be concluded that the gain of this antenna can only reach around -5dBi

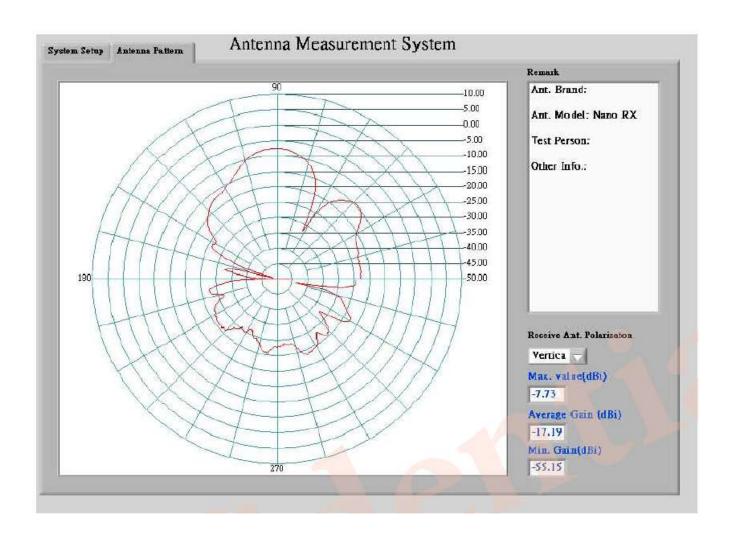
4. The actual field shape (strength) test of the antenna is as follows:

Summary

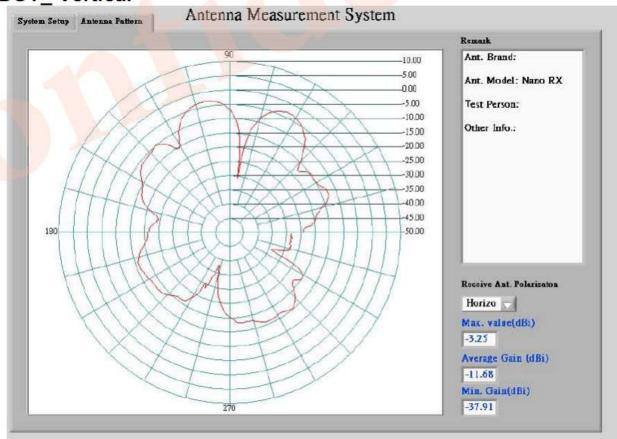
ITEM	SPEC.	
Antenna Type	Type_2_Single Wiggle Antenna	
Center Frequency	2402 MHz	- 0.71 dBi
	2446 MHz	- 0.84 dBi
	2470 MHz	- 1.75 dBi
Max. GAIN	- 0.71 dBi	
Mini. GAIN	- 55.15 dBi	
AVG GAIN	- 8.4 dBi	
DUT Polarization	Horizontal & Vertical	
TEST Output Power Level	10dBm	
Impedance	50 Ω	

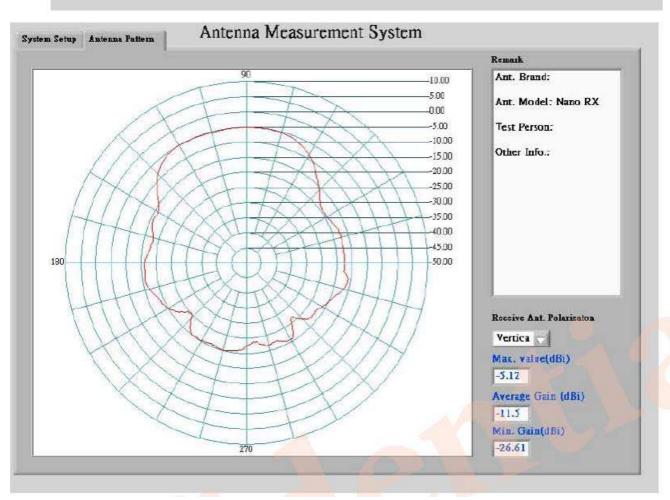
Center Frequency _2402MHz * DUT_ Horizontal



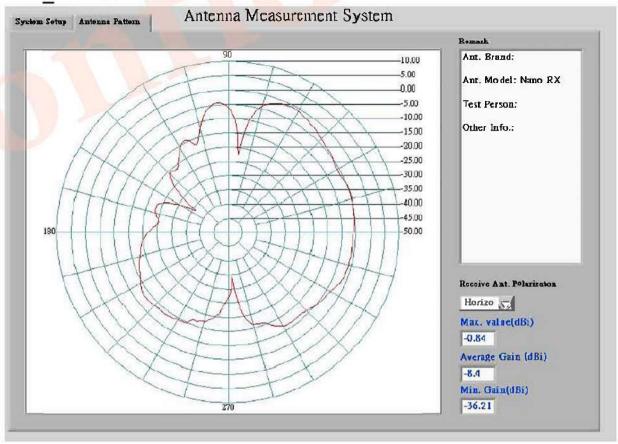


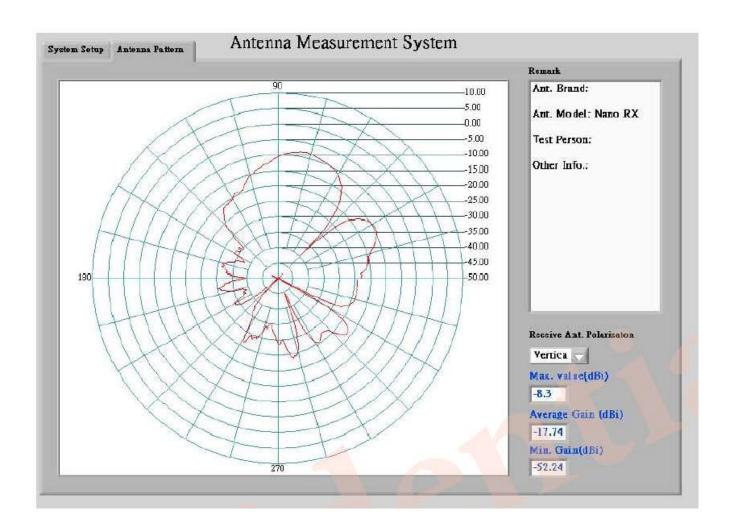
* DUT_ Vertical



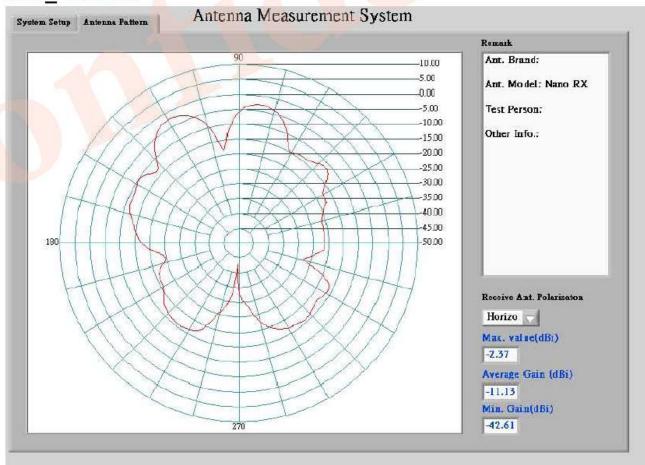


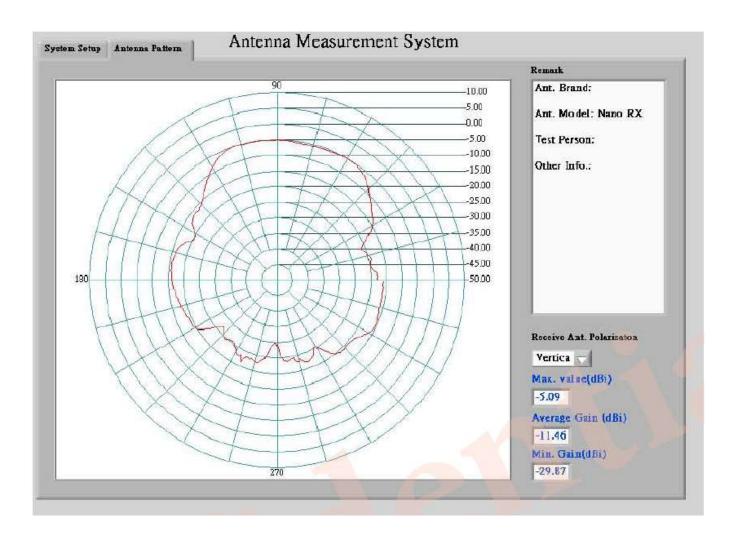
Center Frequency 2439MHz



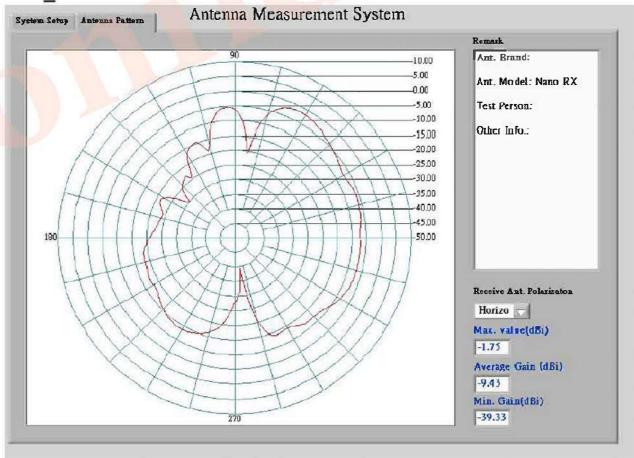


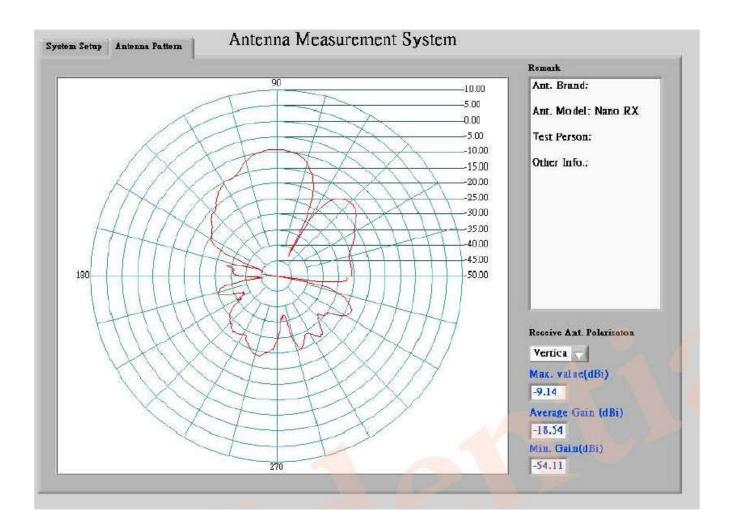
* DUT_ Vertical



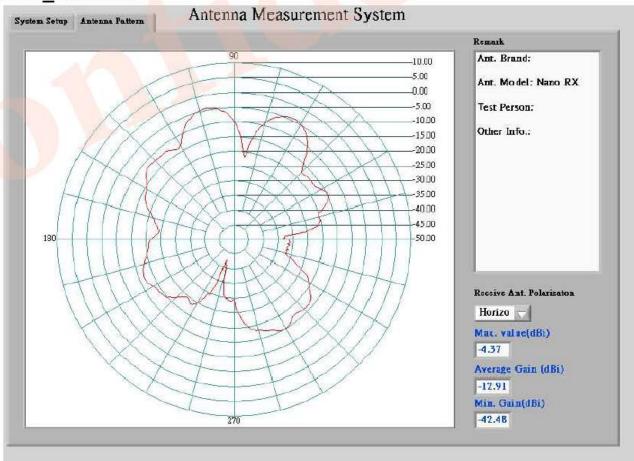


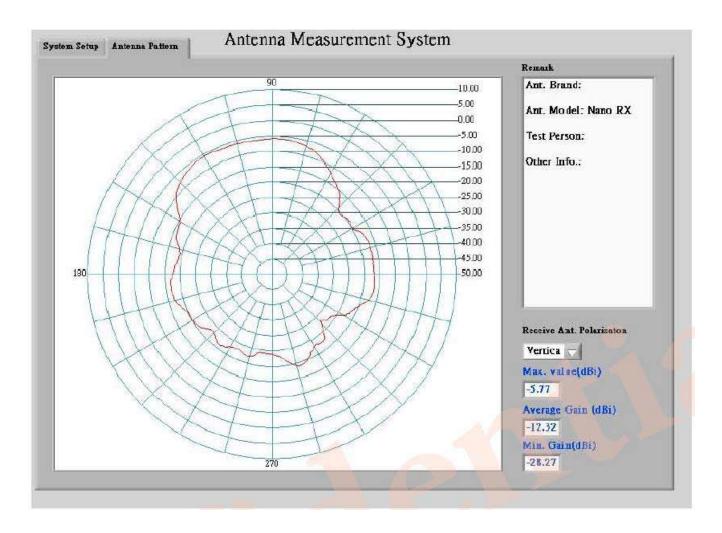
Center Frequency _2479MHz * DUT_ Horizontal





* DUT_ Vertical





After comprehensive measurement above, it can be concluded that the gain of this antenna can only reach about -5dBi, with a maximum gain of about -0.71dBi