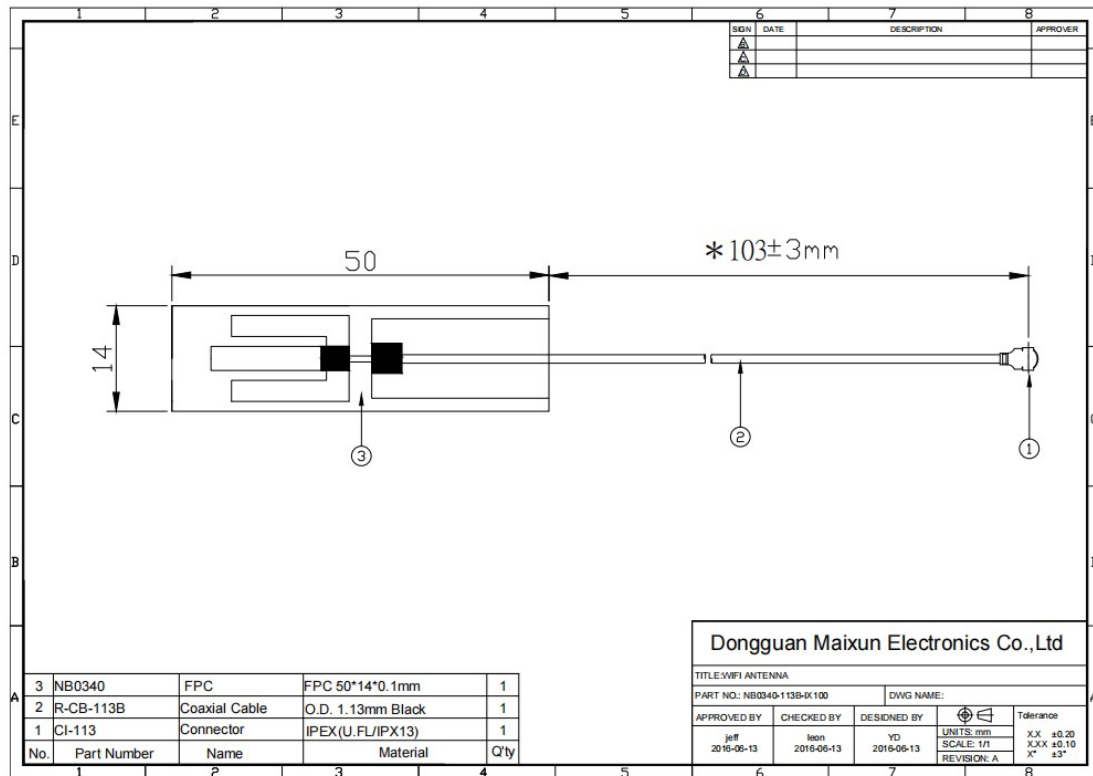


Antenna specification

Manufacturer: Dongguan Maixun Electronics CO,. LTD
Type of antenna : FPC Antenna
MODEL NAME : NB0340
BRAND NAME : N/A
Frequency range : 2.4~2.5GHZ

Electrical Properties	
Frequency	2.4~2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	1.5dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	ipex
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // 105 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

Antenna dimension



1.1. Test Results lists

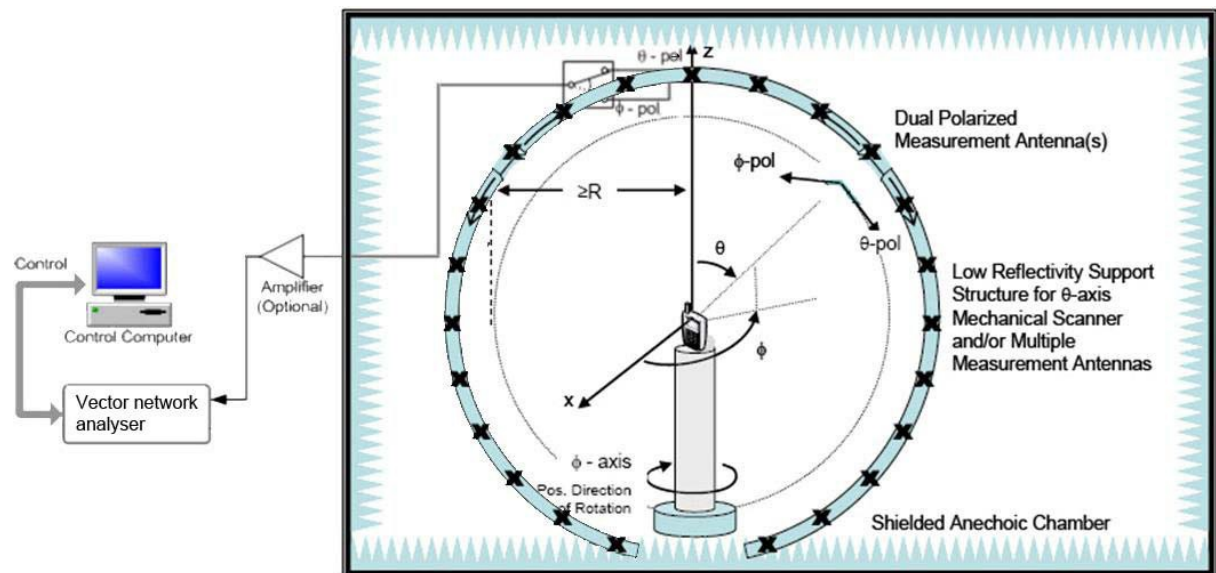
1.1.1. Gain

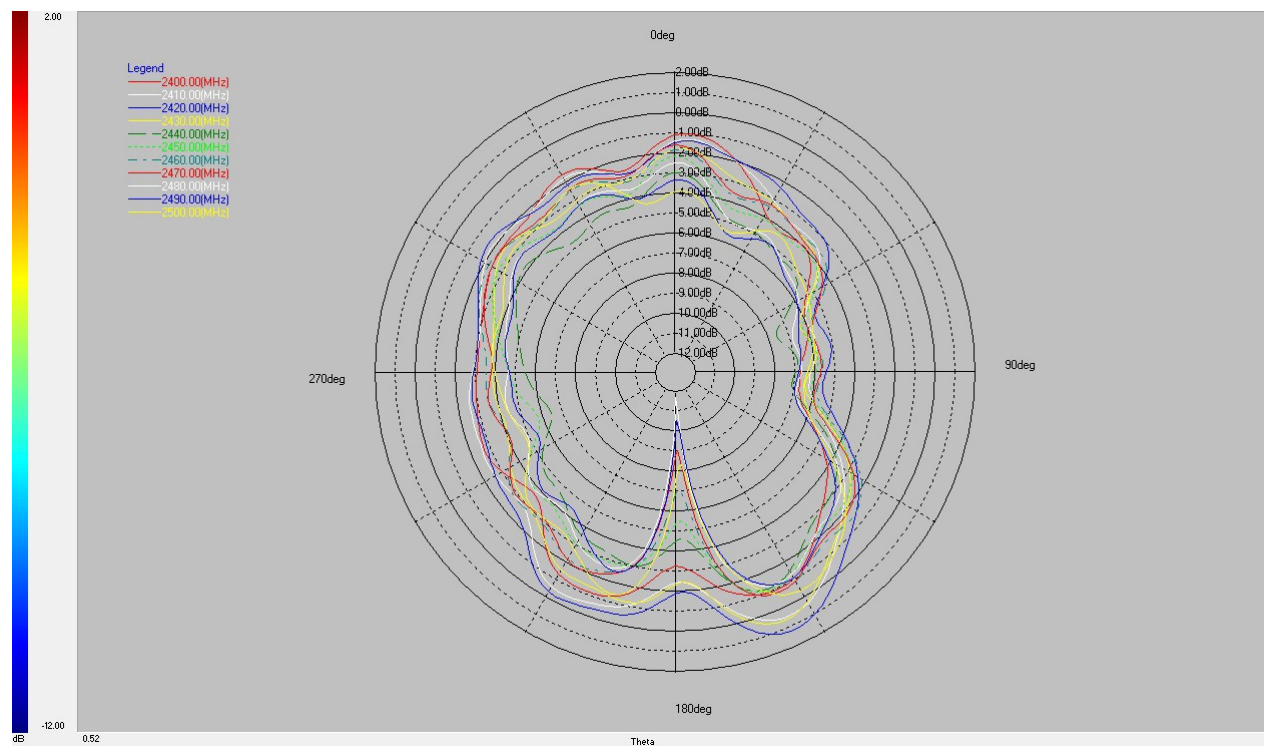
Frequency	Gain(dBi)
2400MHz	2.81
2410MHz	2.74
2420MHz	3.38
2430MHz	2.73
2440MHz	1.01
2450MHz	1.26
2460MHz	1.50
2470MHz	1.49
2480MHz	1.42
2490MHz	0.36
2500MHz	0.33

1.1.2 Return Loss/VSWR/Input Impedance

Frequency	Return Loss (dB)	VSWR	Input Impedance(Ω)
2400MHz	-7.23	2.53	25.37
2440MHz	-6.47	2.80	17.99
2450MHz	-6.22	2.90	17.18
2480MHz	-5.18	3.44	15.55
2500MHz	-4.56	3.89	15.48

Annex A Photographs

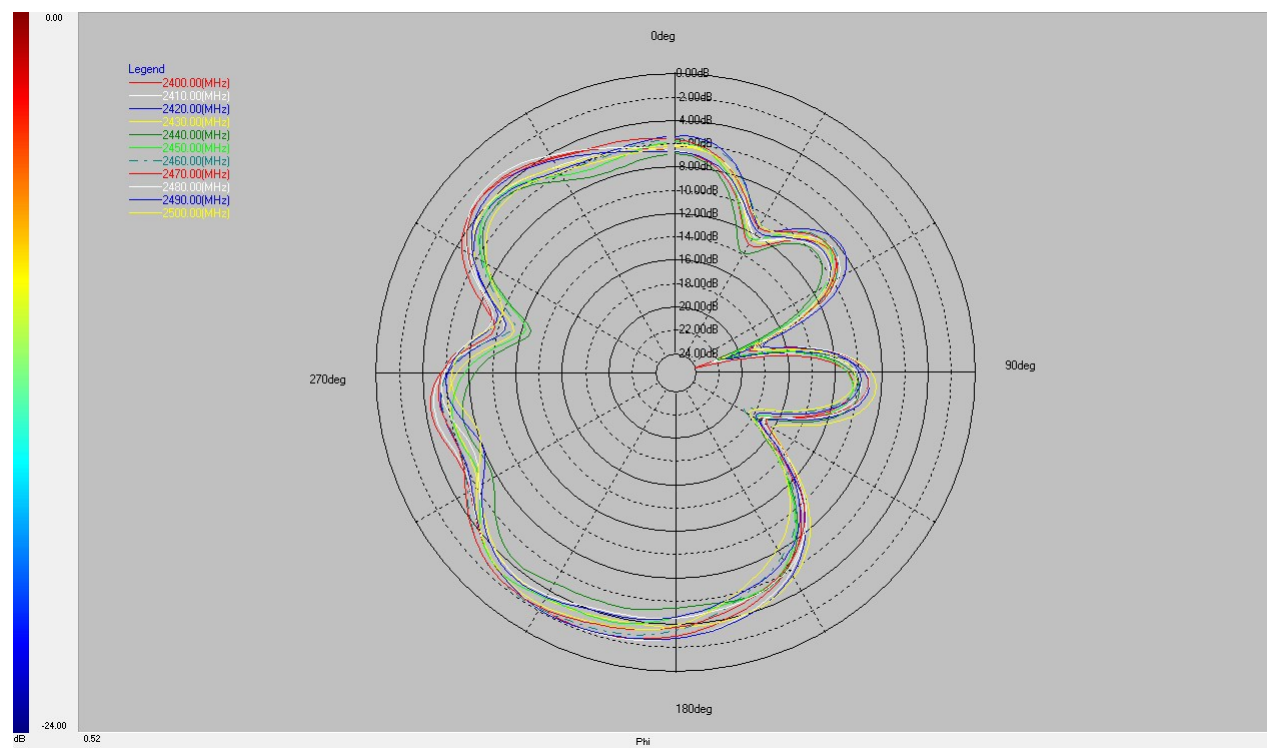




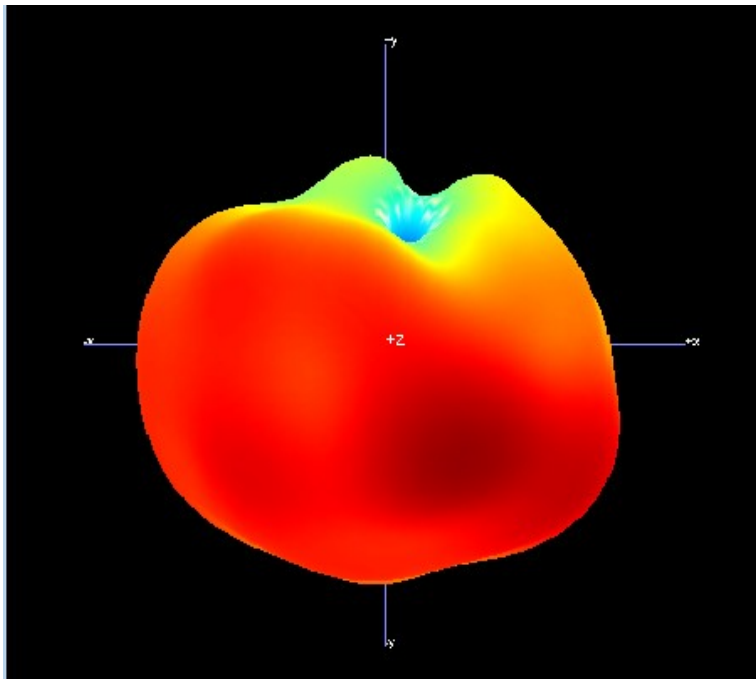
Annex B Figures

$\Phi = 90^\circ$

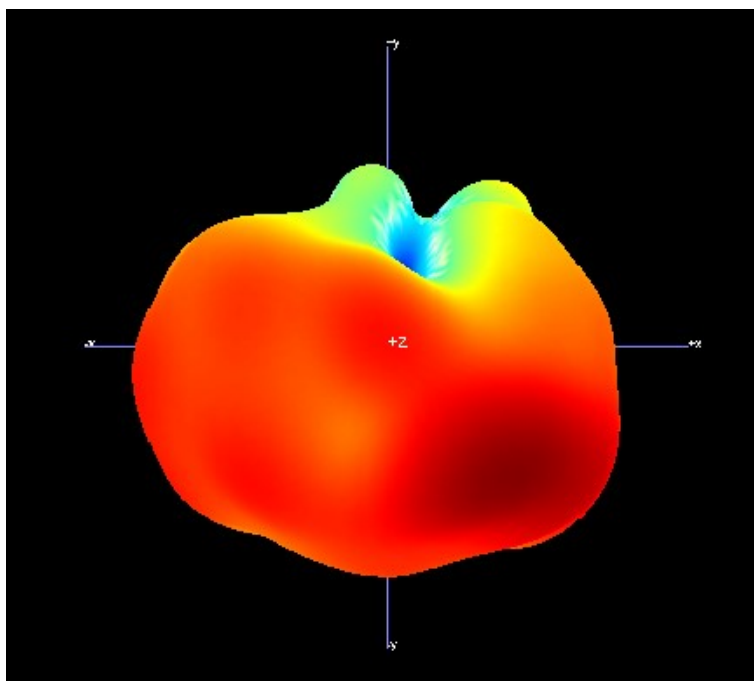
$\Theta = 90^\circ$



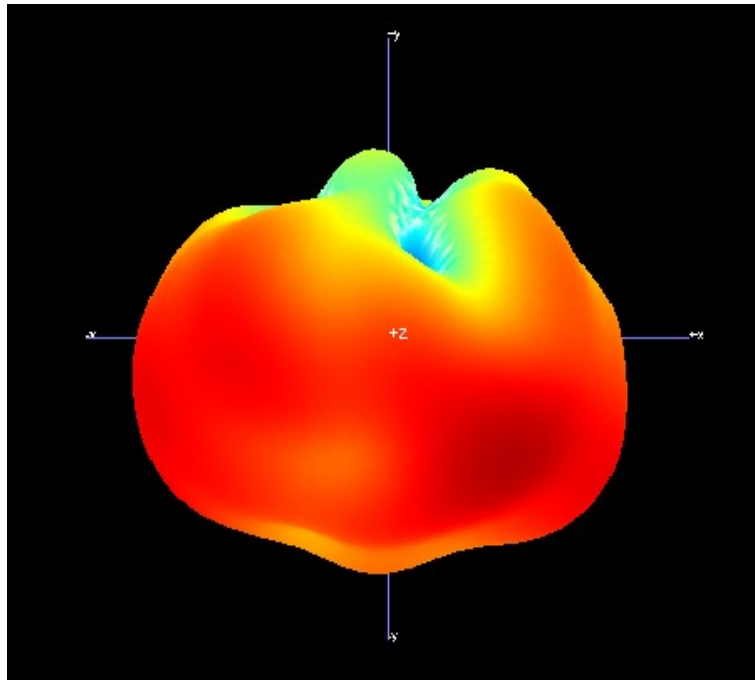
2 3D Radiation Pattern



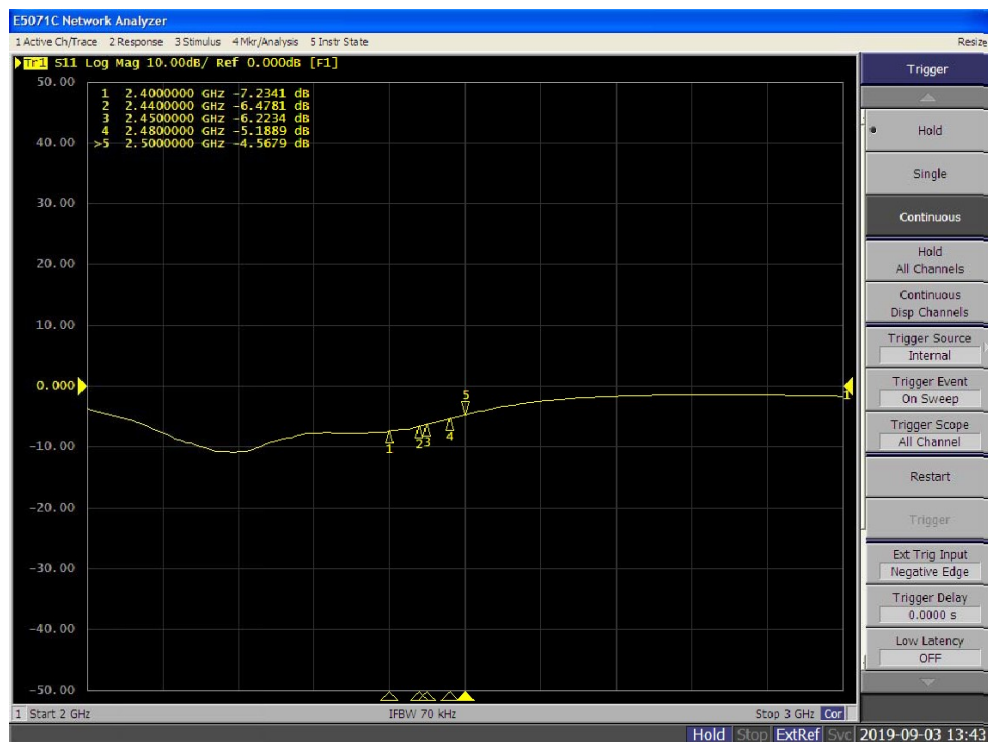
2400MHz



2450MHz

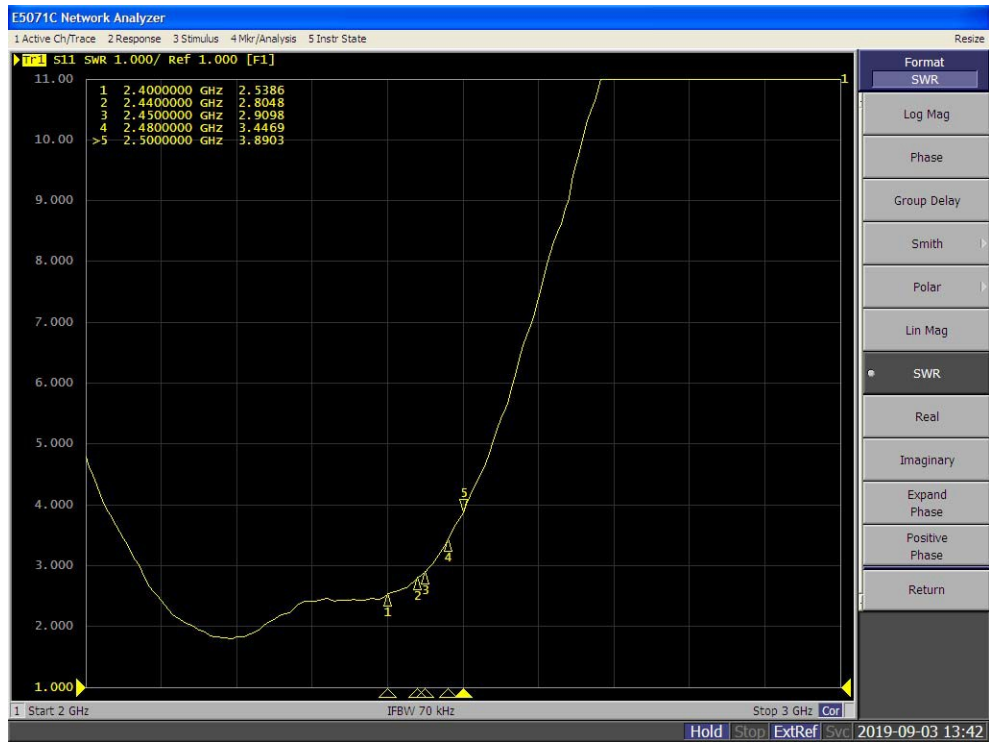


2500MHz



3. Return Loss

4.VSWR



5. Input Impedance

