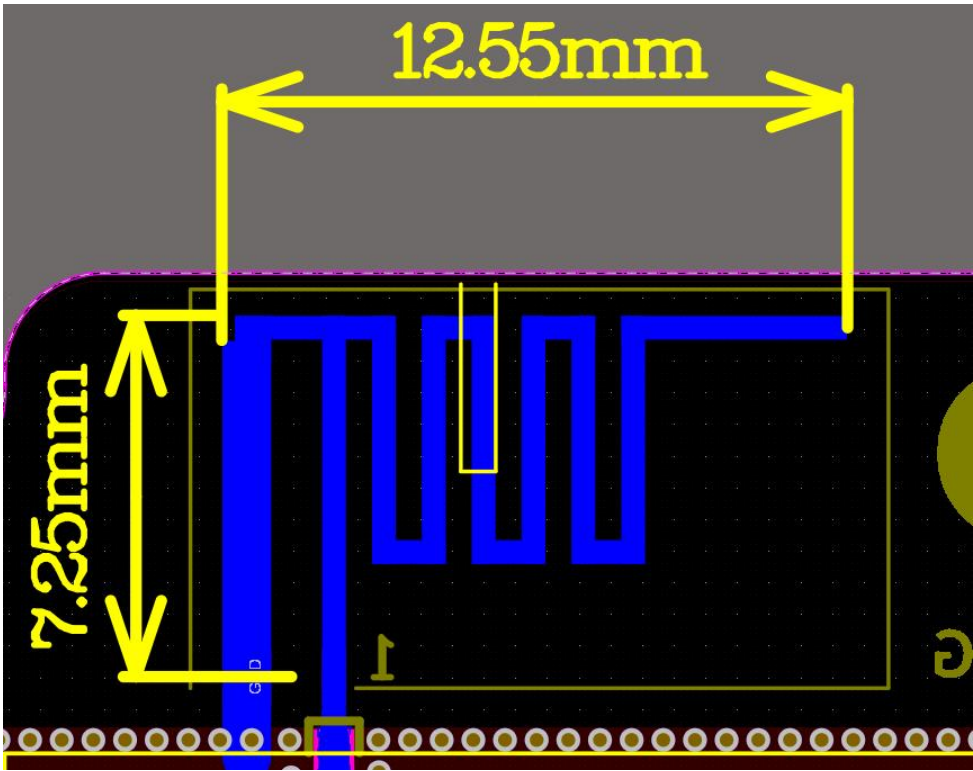


Product specification

1.Type of antenna

(Antenna module on the system board)



2.Electrical Characteristics

No.	Item	Specifications
1	Frequenc Range	2400 ~ 2500MHz
2	Band Width	100MHz typ.
3	Peak Gain	4.91 dBi
4	V.S.W.R	≤2.0
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance	50 Ω

MANUFACTURER:ShenzhenInkbird Technology Co., Ltd

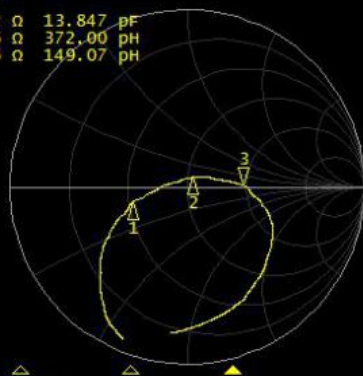
All the technical data and information contained herein are subject to change without prior notice

3.Characteristic curve

Target Value -10 dB

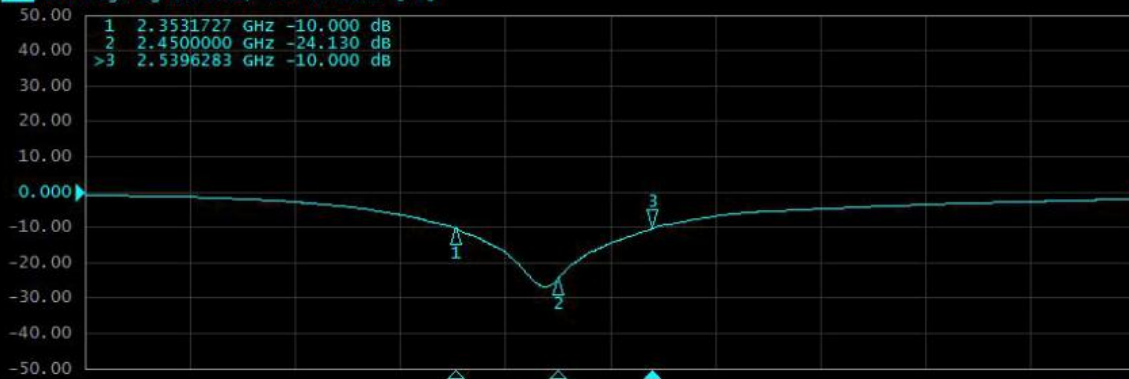
Tr1 S44 Smith (R+jX) Scale 1.000u [F1]

1	2.3531727	GHz	26.316	Ω	-4.8842	Ω	13.847	pF
2	2.4500000	GHz	52.866	Ω	5.7266	Ω	372.00	pH
>3	2.5396283	GHz	96.170	Ω	2.3786	Ω	149.07	pH



Tr2 S44 Log Mag 10.00dB/ Ref 0.000dB [F1]

1	2.3531727	GHz	-10.000	dB
2	2.4500000	GHz	-24.130	dB
>3	2.5396283	GHz	-10.000	dB



1 Start 2 GHz

IFBW 70 kHz

Stop 3 GHz PExt Cor

Target

Search Target

Search Left

Search Right

Target Value

-10.000 dB

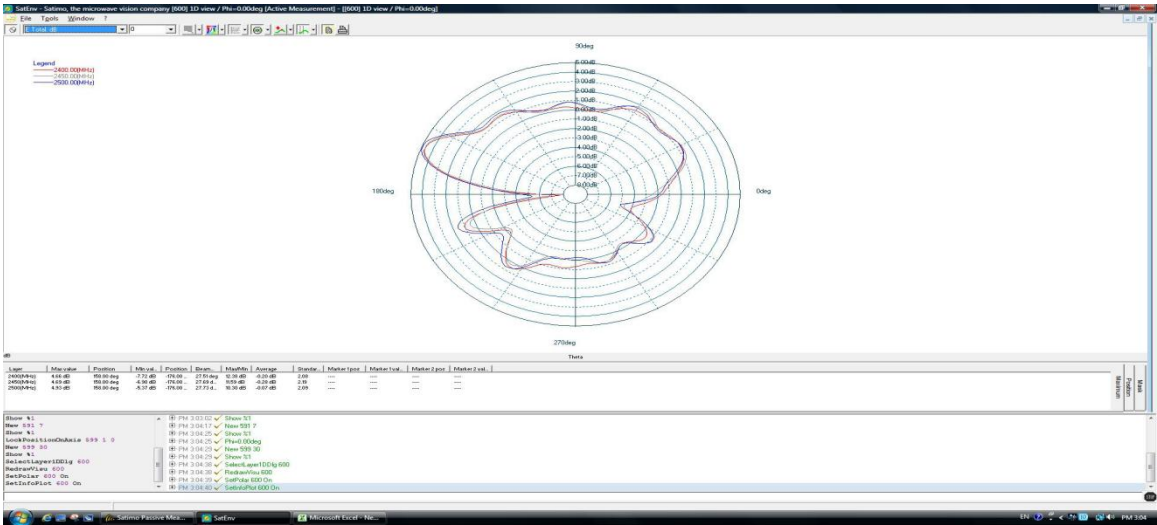
Target Transition

Both

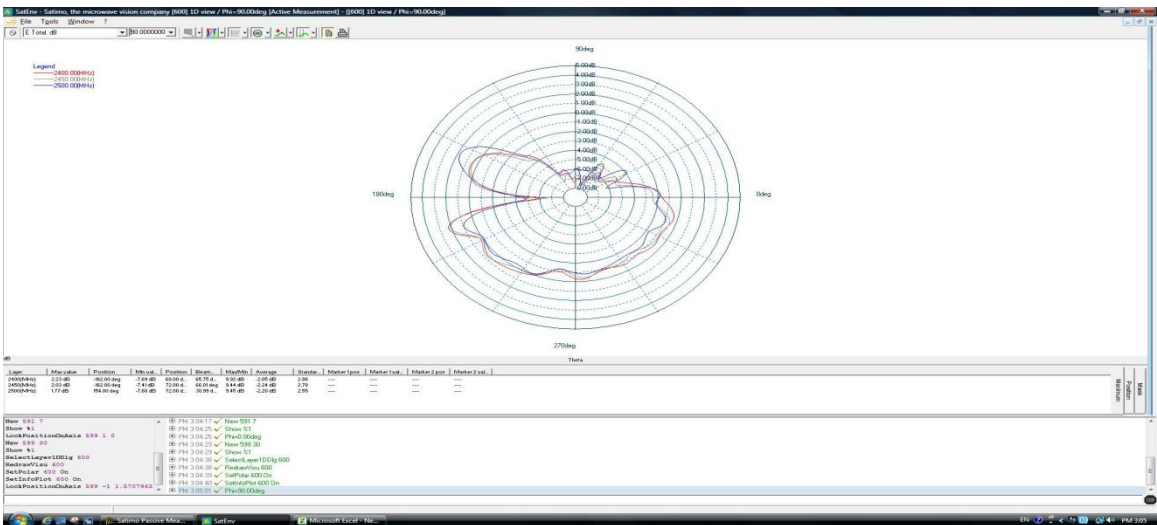
Return

4.Radiation Pattern

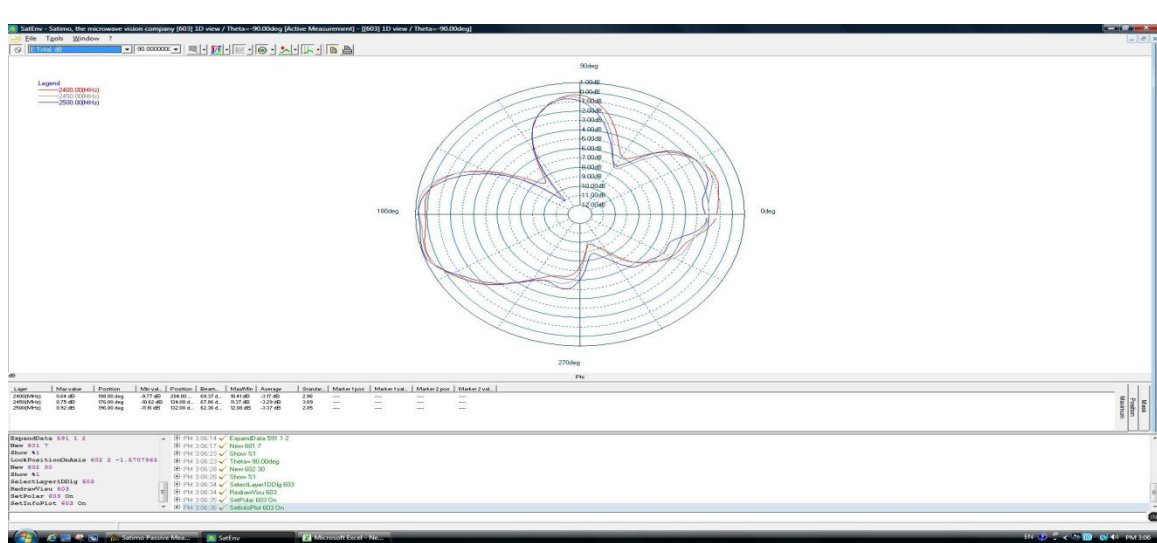
X-Z Plane



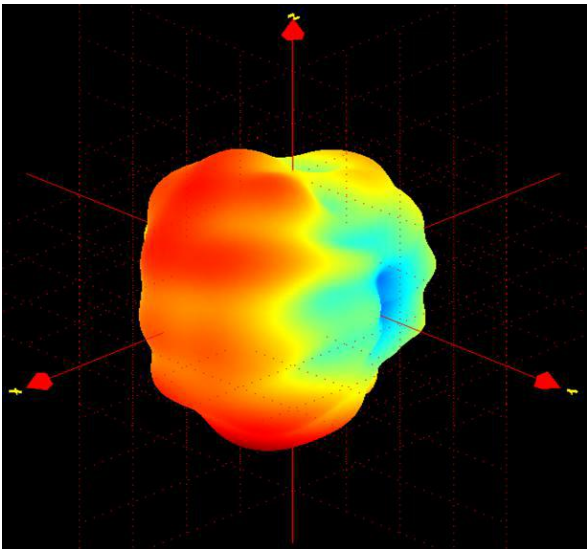
Y-Z Plane



X-Y Plane



3D Radiation Pattern



Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	-1.81	-1.94	-1.88
Peck Gain (dBi)	2.51	4.91	2.54
Efficiency (%)	71	72	72