

Product specification

TYPE:A1

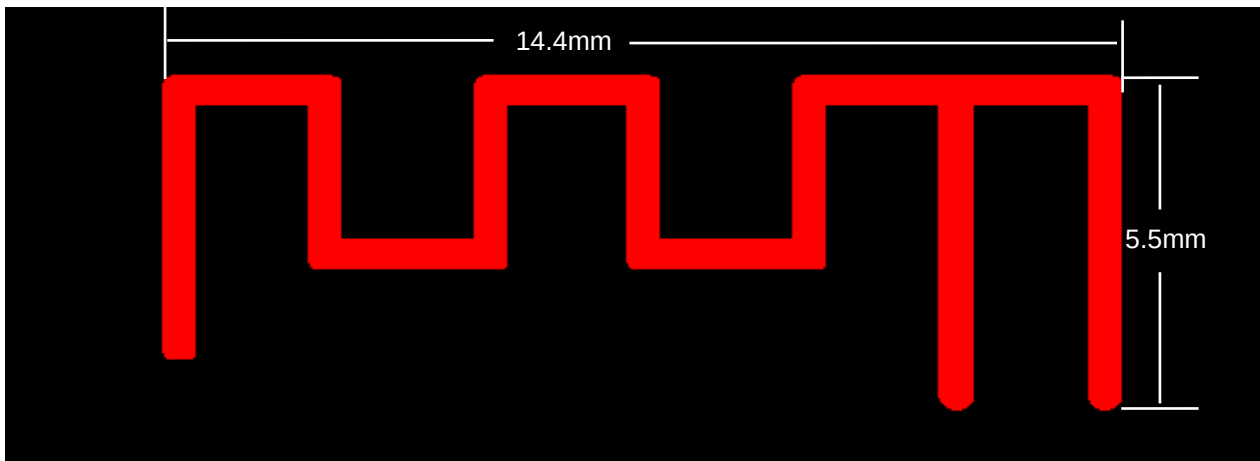
Manufacturer:Shenzhen Hysiry Technology Co.,Ltd

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	60.2 %	
Gain (dBi)	1 (Avg Gain XY-plane)	
Maximum Power (dBm)1.5 (XY-plane)		
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Input Impedence(ohm)	50	
Polarization Type	Vertical & Horizontal	
V. S .W. R	< 1.5	

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

Antenna Layout & module on the system board



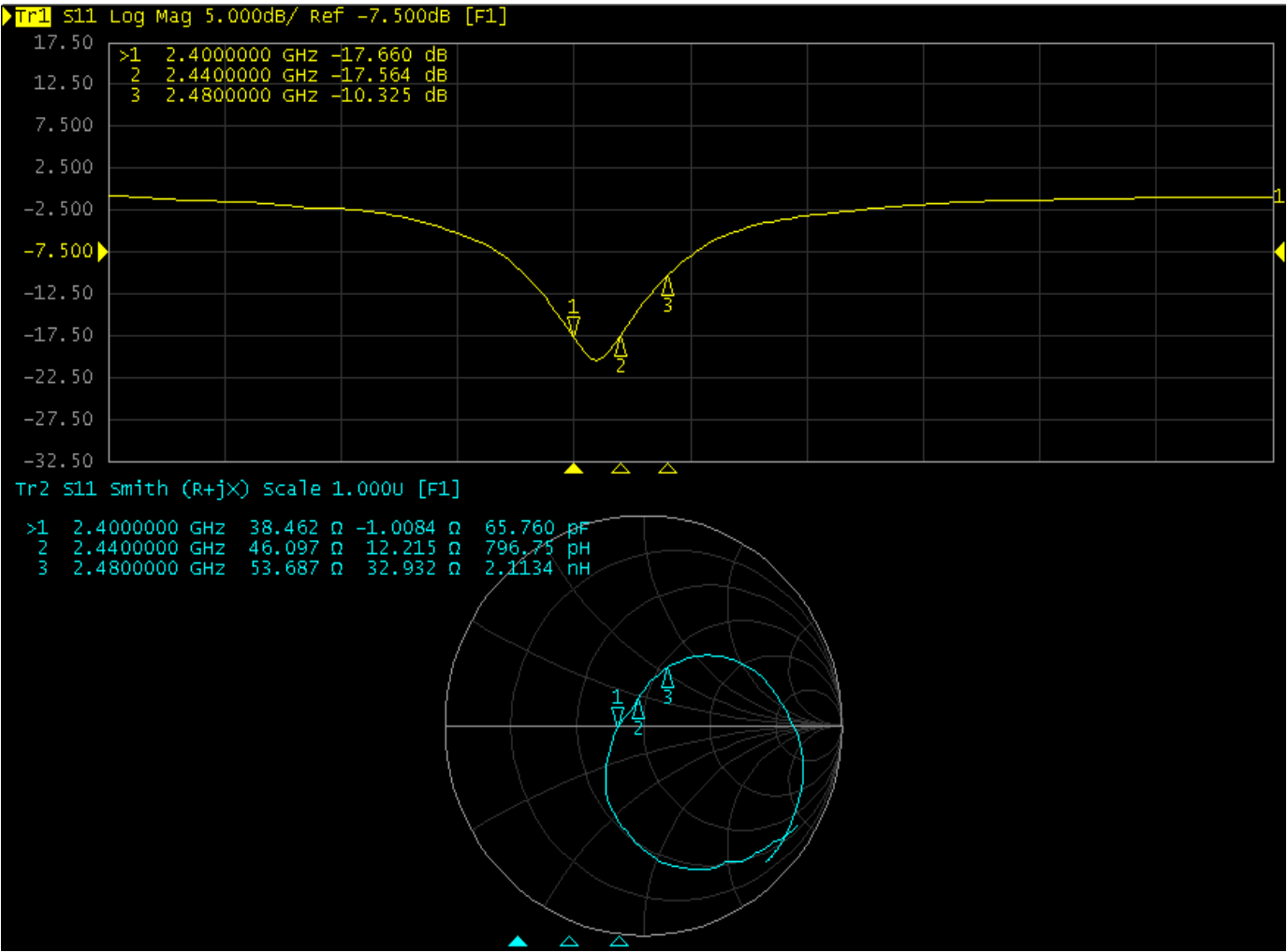
Antenna Gain

Gain Table

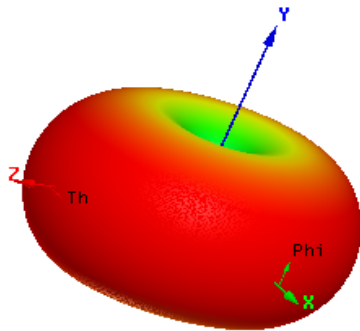
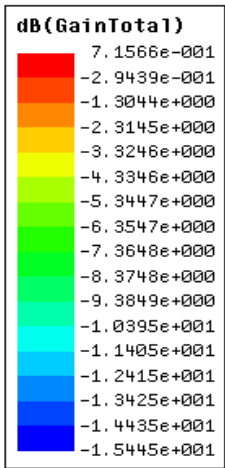
Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.0	-0.5	0.7	-3.6	1.0	-3.0	61.2 %

Address: 2403D 2403D,24th floor, coast huanqing building, no.24 futian road ,xu town community, futian street, futian district, shenzhen

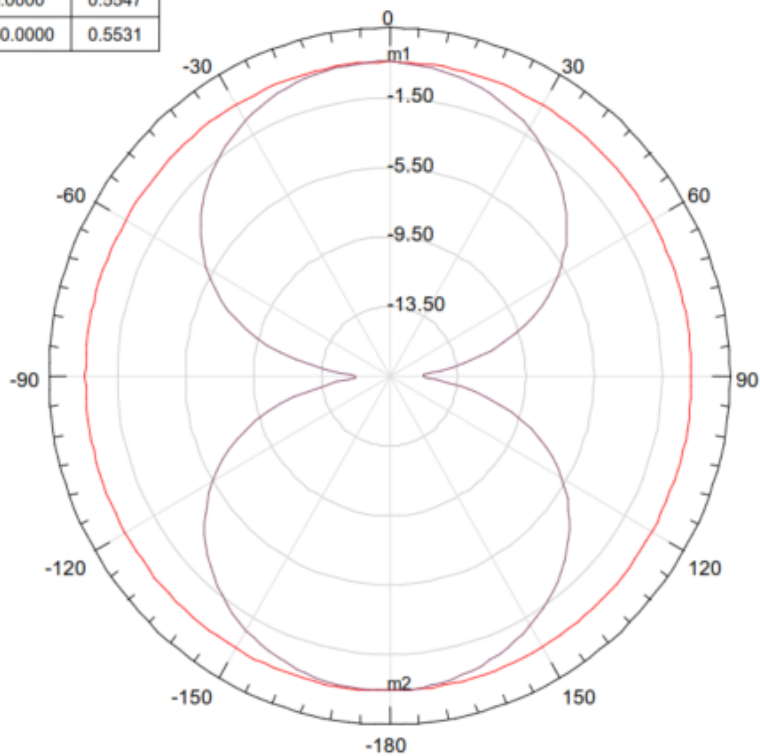
Return Loss



3D radiation pattern diagram



Name	Theta	Ang	Mag
m1	0.0000	0.0000	0.5547
m2	180.0000	180.0000	0.5531



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