

product model name_antenna model name_PCB Antenna

Manufacturer: Shenzhen Yuyang Wireless Technology Co., Ltd.

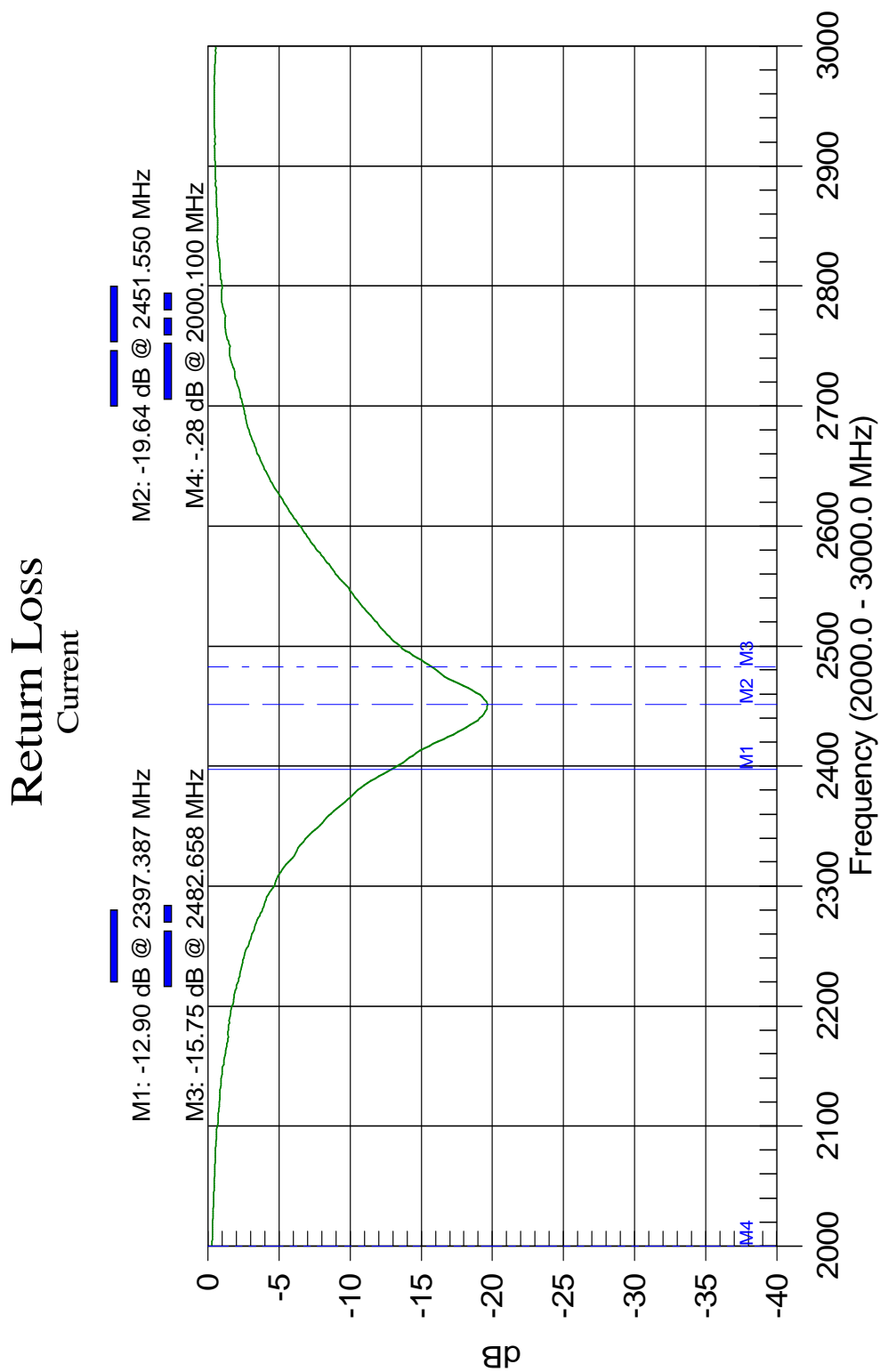
A740, Huafeng Internet Creative Park, Gonghe Industrial Road, Xixiang Street, Baoan District, Shenzhen

Antenna Model: YY-01

1. Electrical Characteristics

No.	Item	Specifications
1	Working Central Frequency	2450 MHz
2	Band Width	2400~2500MHZ
3	Max. Gain	2.04dBi
4	V.S.W.R (in BW)	≤2.0
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance	50 Ω

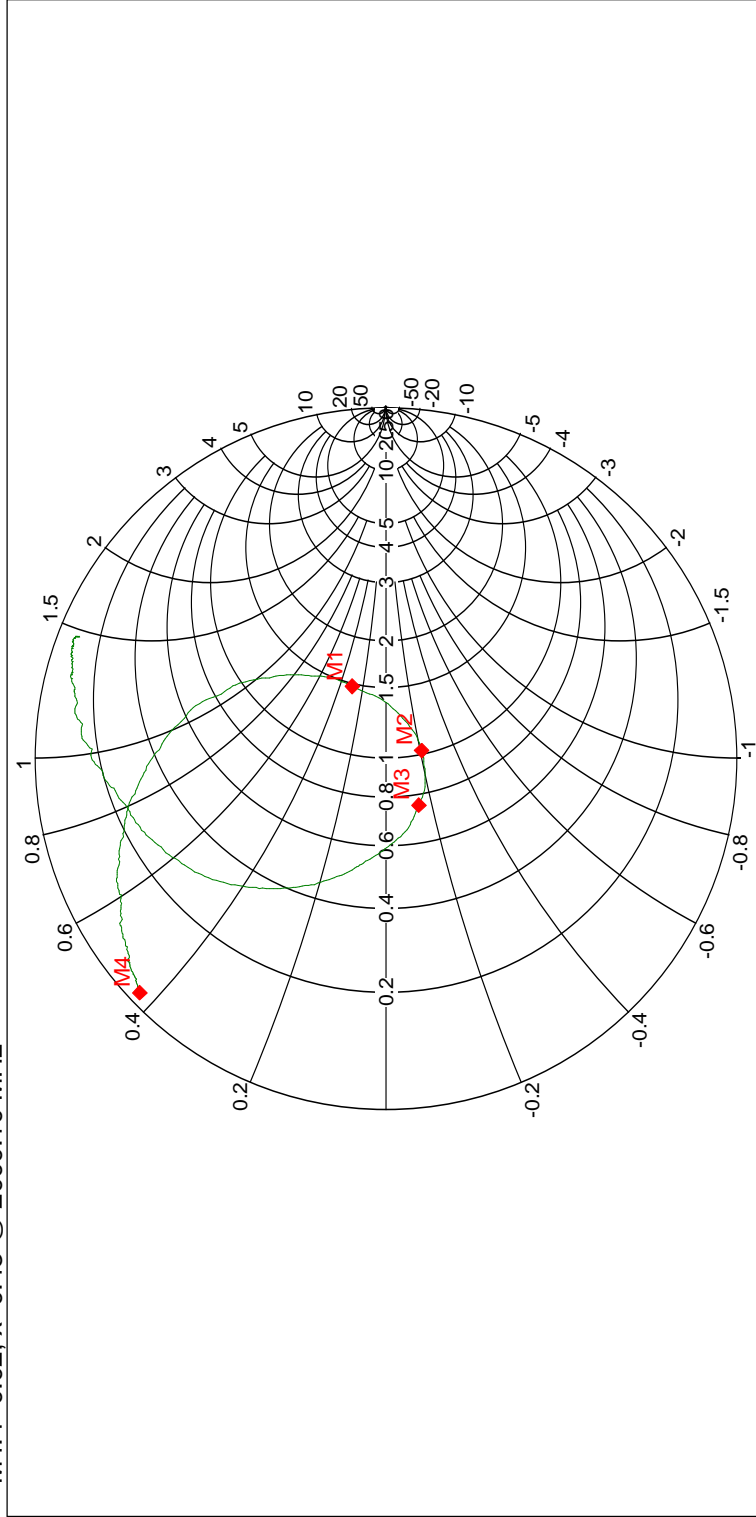
2.Return Loss and Smith Chat



3. Physical Test Environment Antitsu S332D

Smith Chart Current

♦ M1: $r=1.48$, $x=0.30$ @ 2397.387 MHz
 ♦ M2: $r=1.02$, $x=-0.21$ @ 2451.65 MHz
 ♦ M3: $r=0.75$, $x=-0.14$ @ 2482.658 MHz
♦ M4: $r=0.02$, $x=0.43$ @ 2000.10 MHz



Resolution: 517
 Date: Sep/02/2009
 Model: S332D

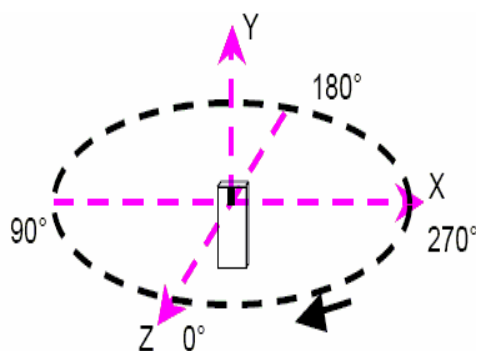
FlexCAL:ON(COAX)
 Time: 14:16:43
 Serial #: 00924093

CW ON
 Prop. Vel.: 800

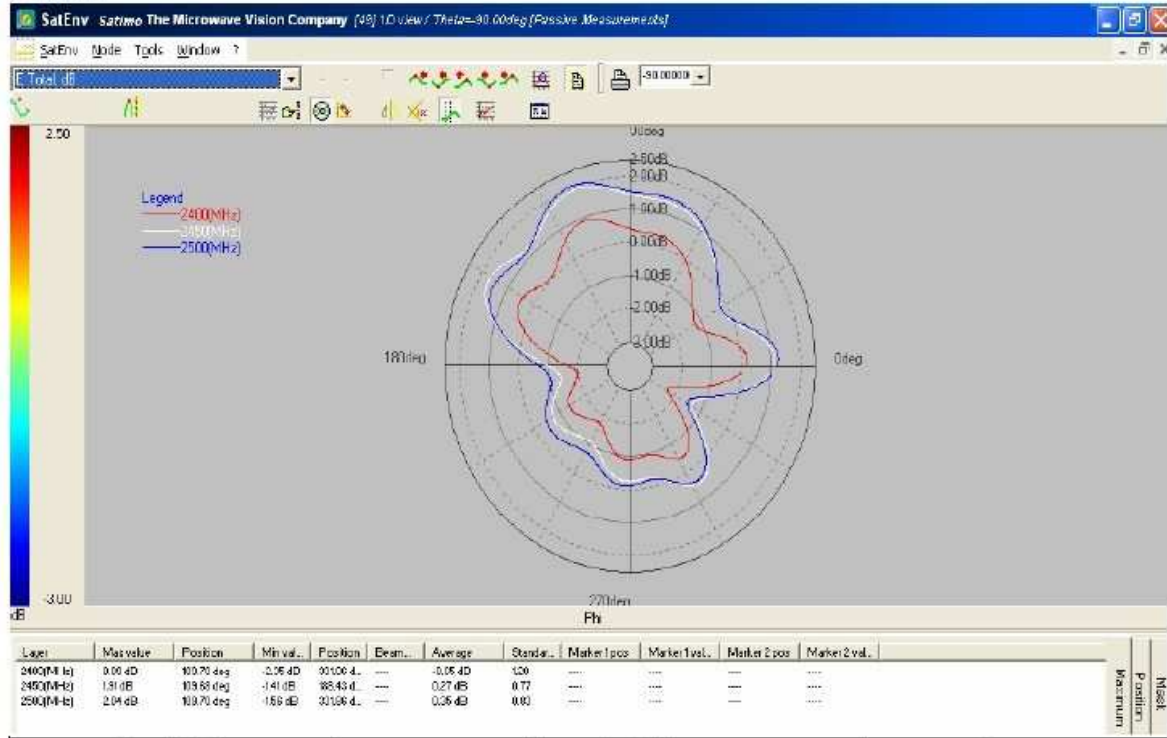
4. Shape of the antenna Size(mm): 12.26*3.31



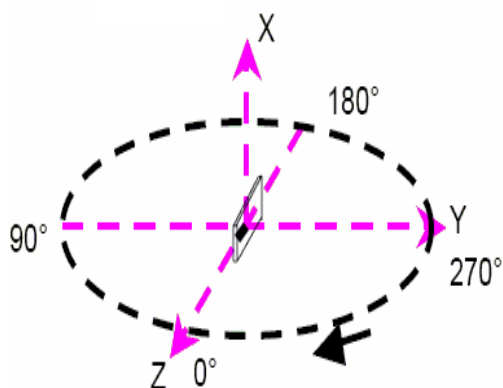
Efficiency:



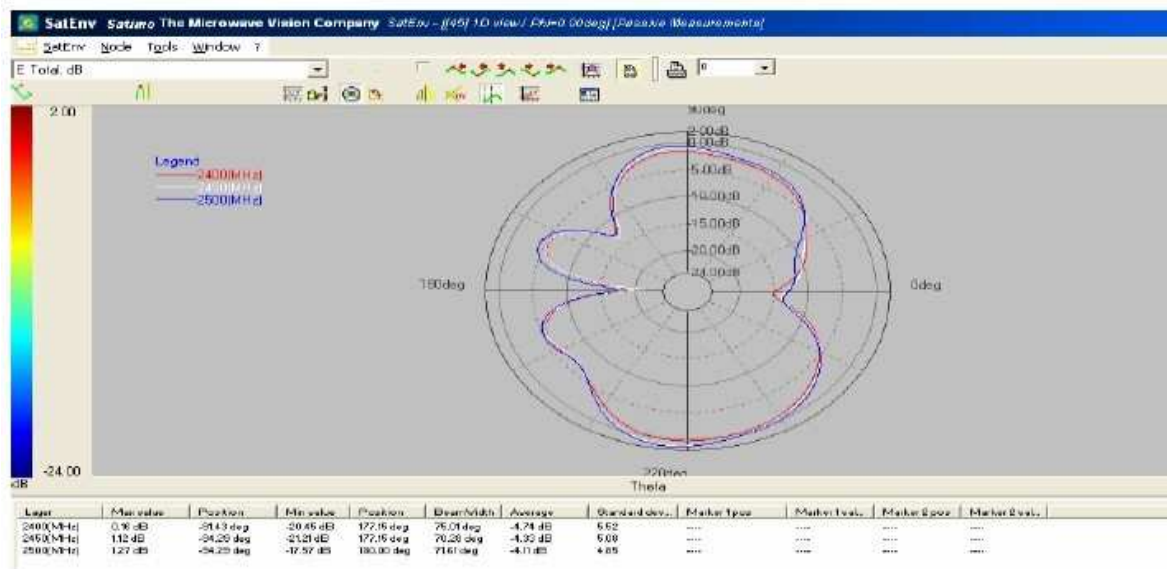
H pattern:



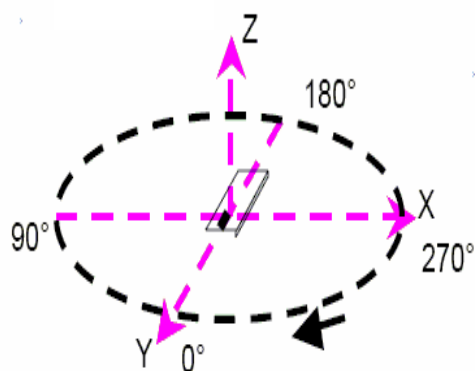
Fre (MHz)	Max gain (dBi)	Degree
2400	0.89	109.7
2450	1.91	109.68
2500	2.04	109.7



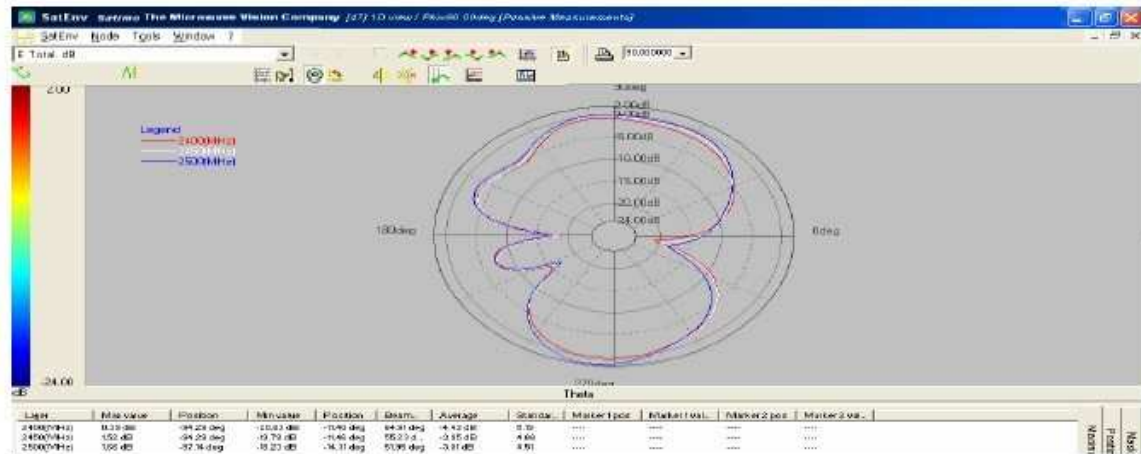
E1 pattern:



Fre (MHz)	Max gain (dBi)	Degree
2400	0.16	-91.43
2450	1.12	-94.29
2500	1.27	-94.29



E2 pattern:



END