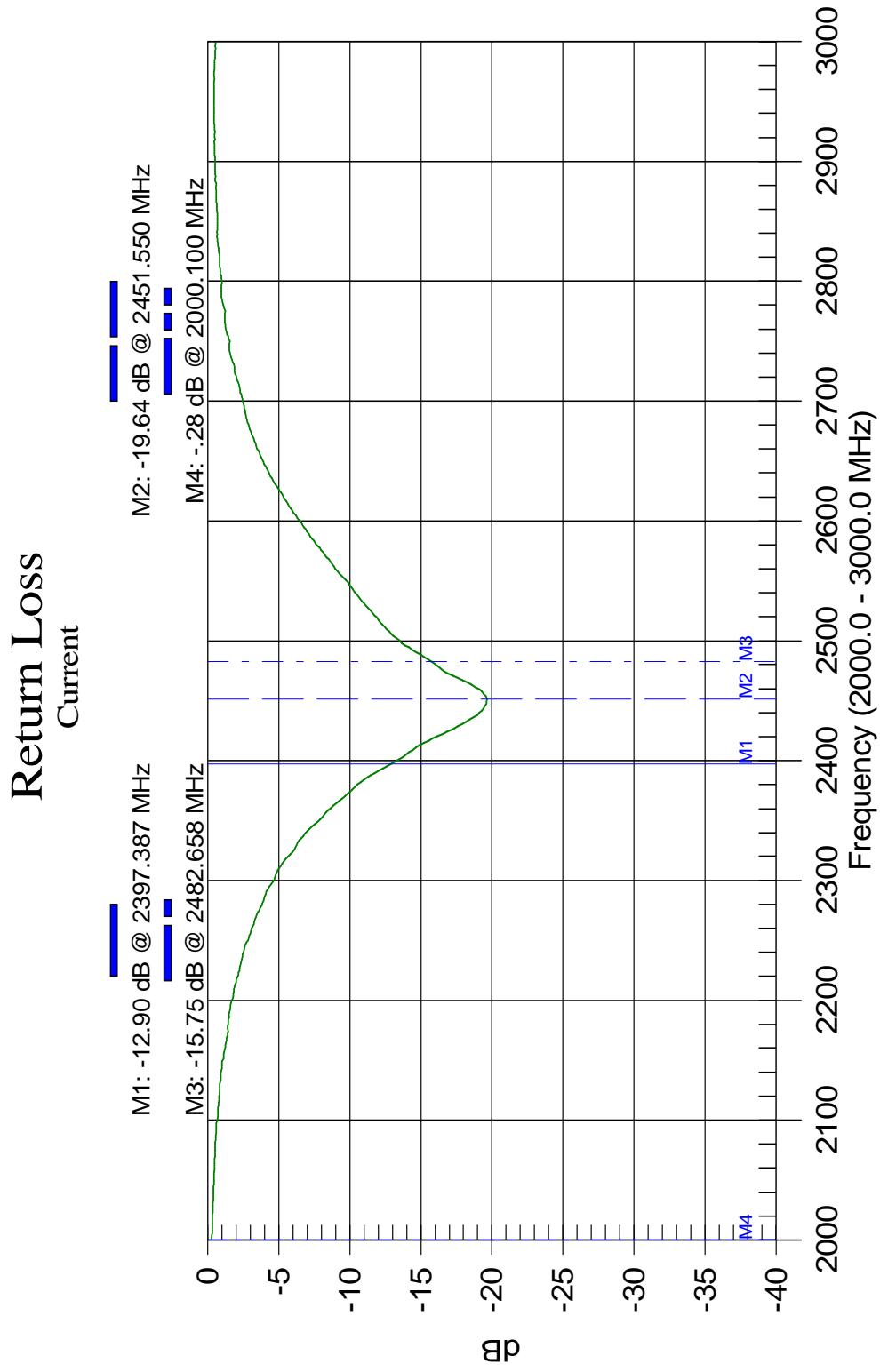


Antenna Parameter

No.	Item	Specifications
1	Impedance 阻抗	50 Ω
2	Band Width	2400~2500MHZ
3	MAX. Gain	2dbi
4	Antenna Length	Antenna Length
5	Polarization	Linear
6	Manufacture	ZhuHai HangDa Co.,Ltd.
7	Antenna Length	38.20mm

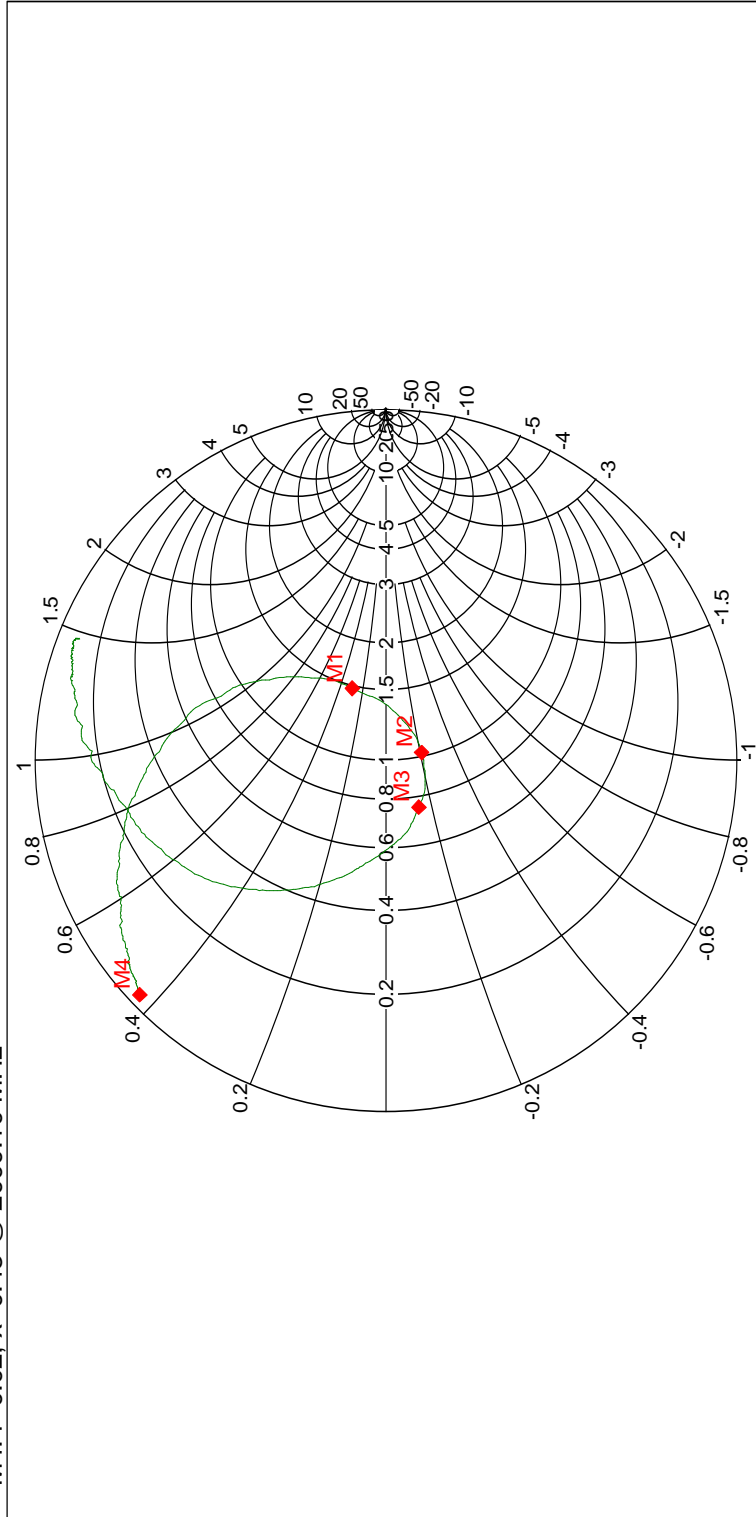
2.Return Loss and Smith Chat



CW: ON

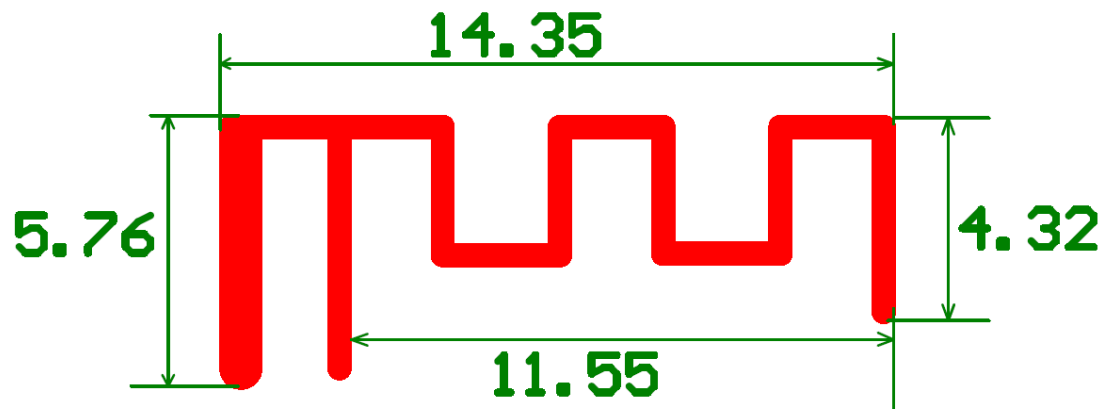
Smith Chart Current

♦ 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

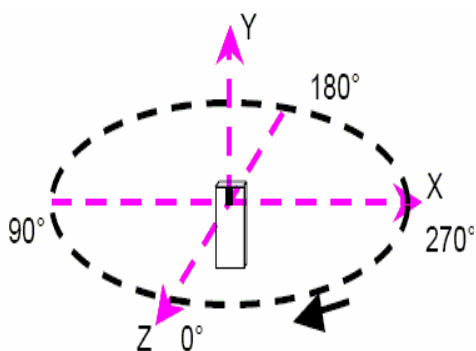


3. Physical Test Environment Antitsu S332D

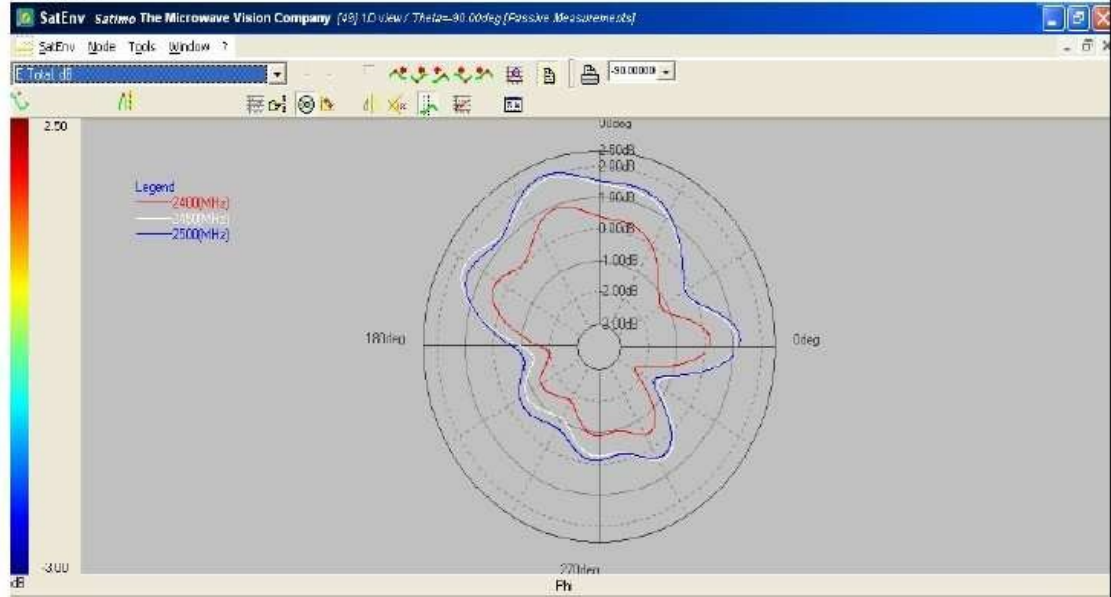
4. Shape of the antenna



Efficiency:

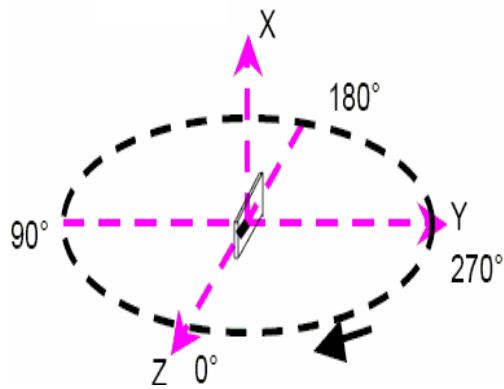


H pattern:

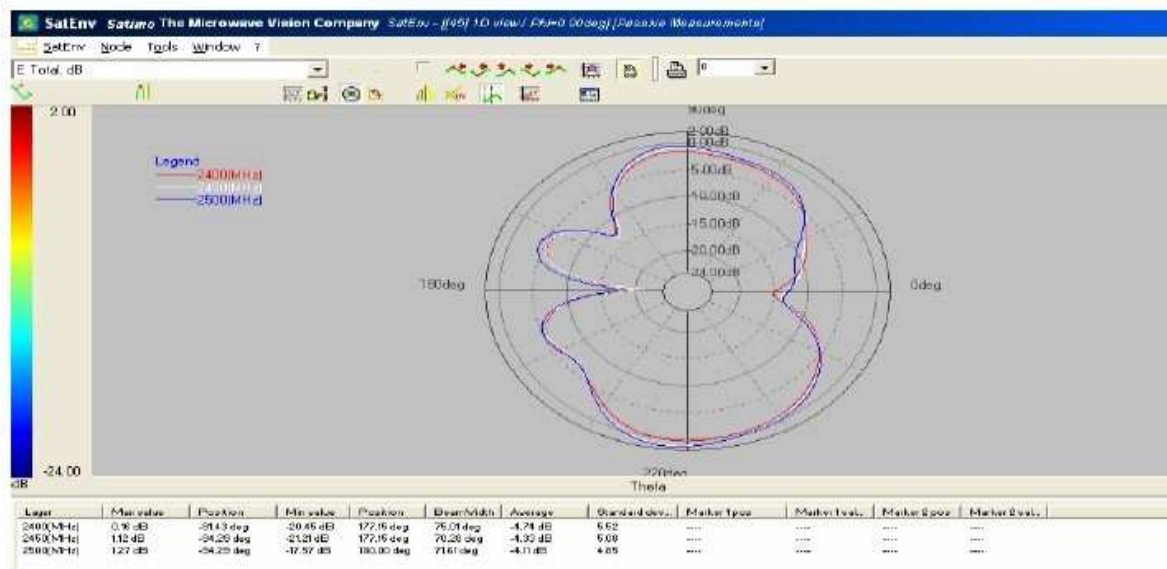


Layer	Max value	Position	Min val.	Position	Beam...	Average	Stand...	Marker 1 pos	Marker 1 val.	Marker 2 pos	Marker 2 val.
2400(MHz)	0.00 dB	119.75 deg	-2.95 dB	30106.4	---	-0.95 dB	1.50	---	---	---	---
2450(MHz)	1.91 dB	119.68 deg	-1.41 dB	30343.4	---	0.27 dB	0.77	---	---	---	---
2500(MHz)	2.04 dB	119.70 deg	-1.66 dB	30196.4	---	0.26 dB	0.80	---	---	---	---

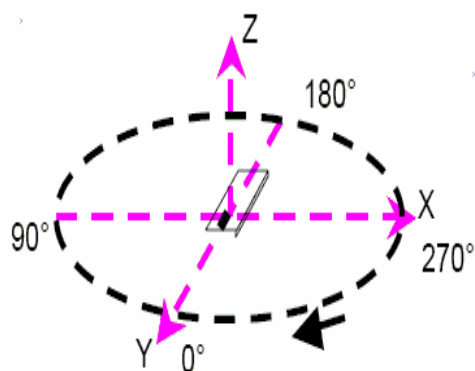
Fre (MHz)	Max gain (dB)	Degree
2400	0.89	109.7
2450	1.91	109.68
2500	2.00	109.7



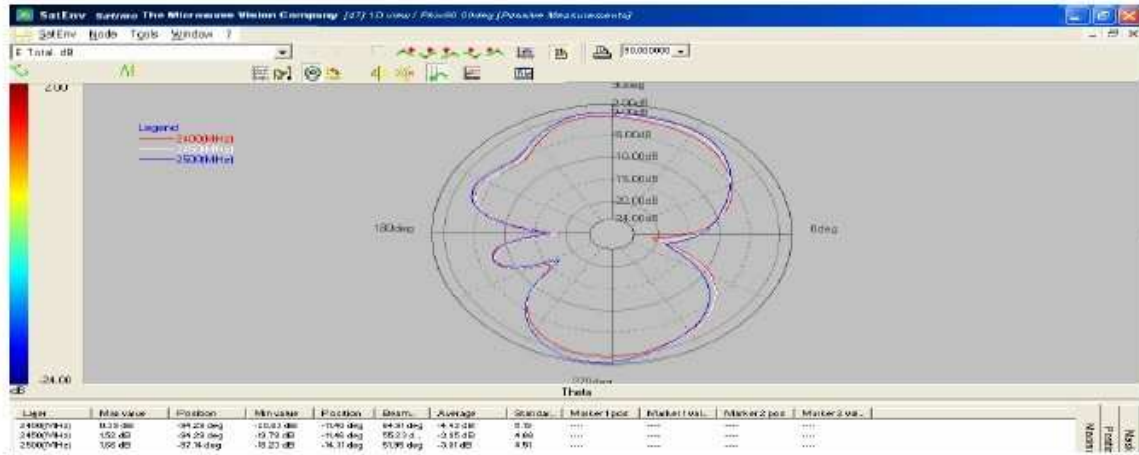
E1 pattern:



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



E2 pattern:



Fre (MHz)	Max gain (dB)	Degree
2400	0.39	-94.29
2450	1.52	-94.29
2500	1.66	-97.14

U.S.C

END