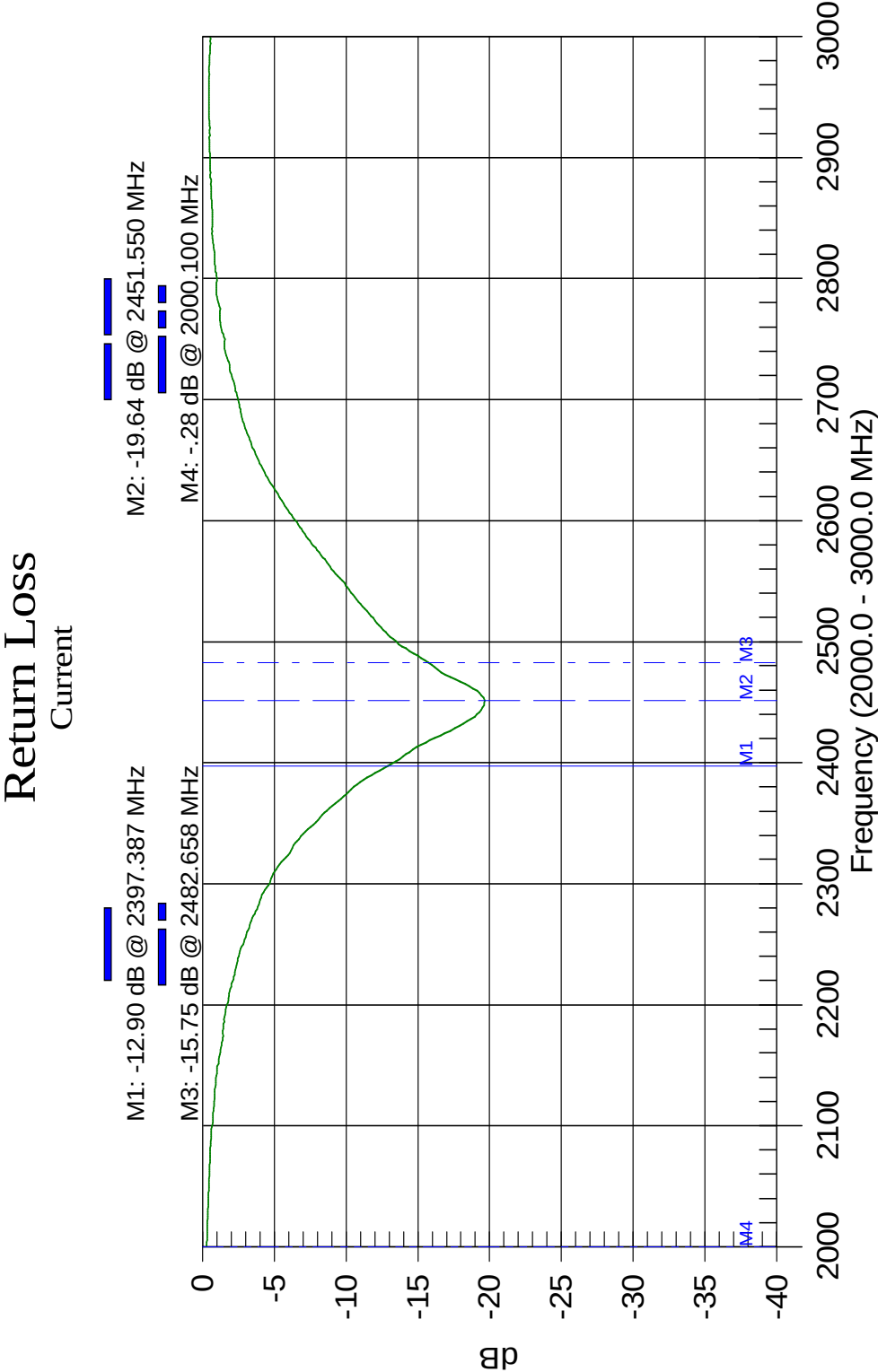


Antenna Parameter

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

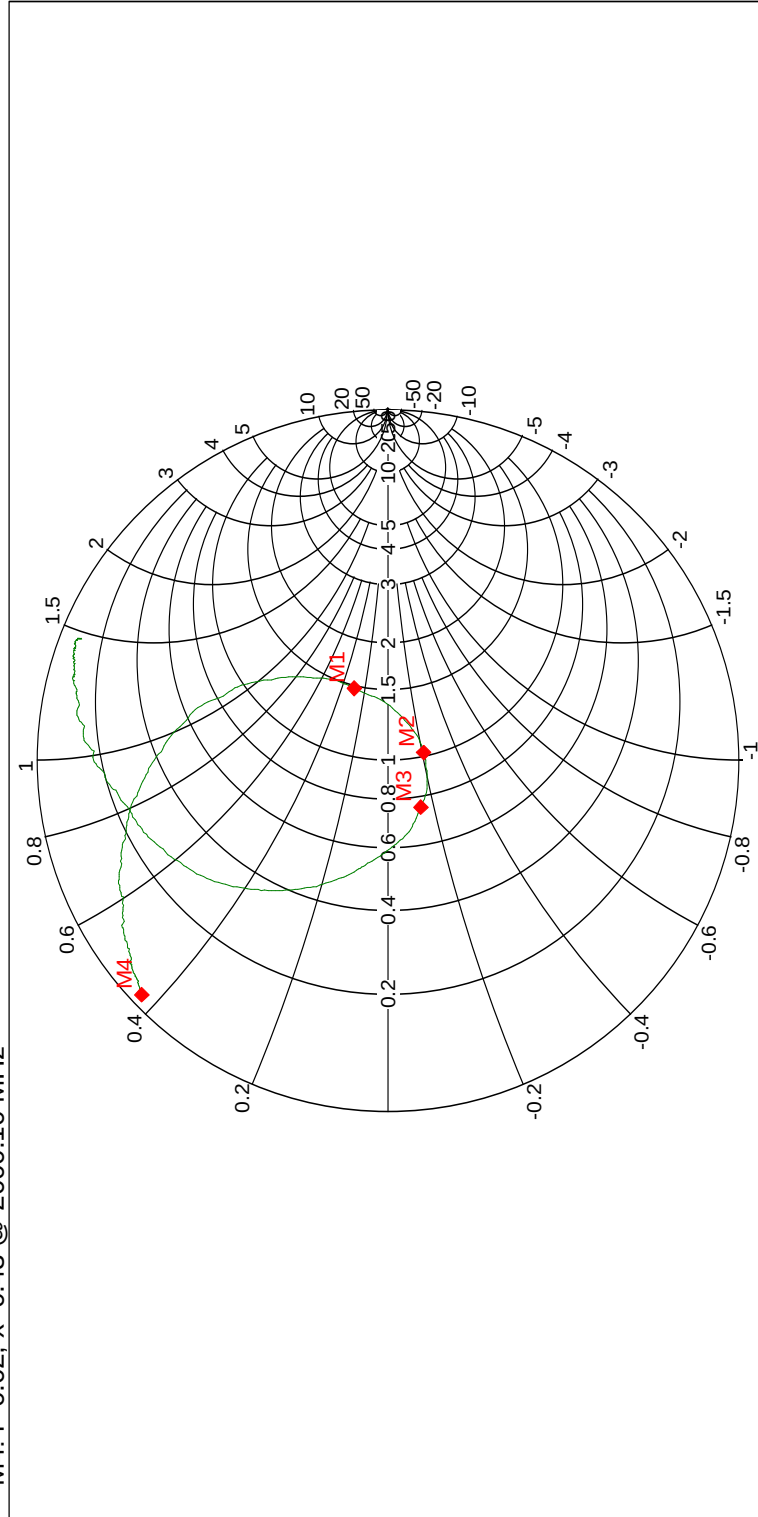


CW: ON

Smith Chart

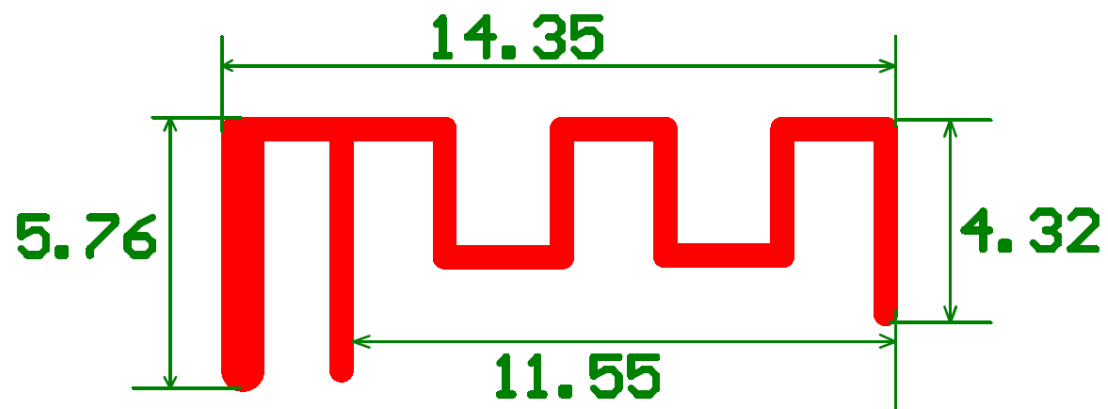
Current

◆ ◆ ◆
 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

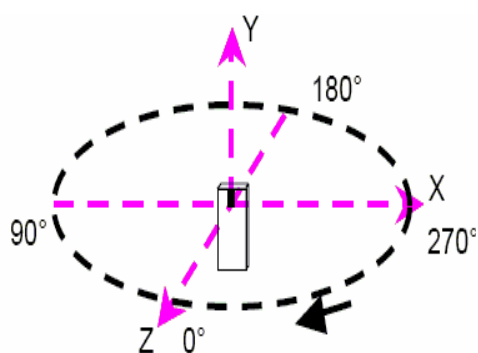


3. Physical Test Environment Antitsu S332D

4. Shape of the antenna

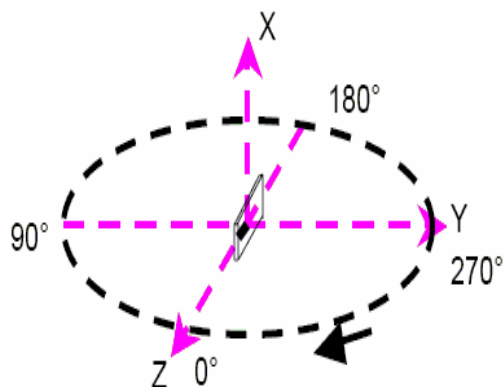


Efficiency:

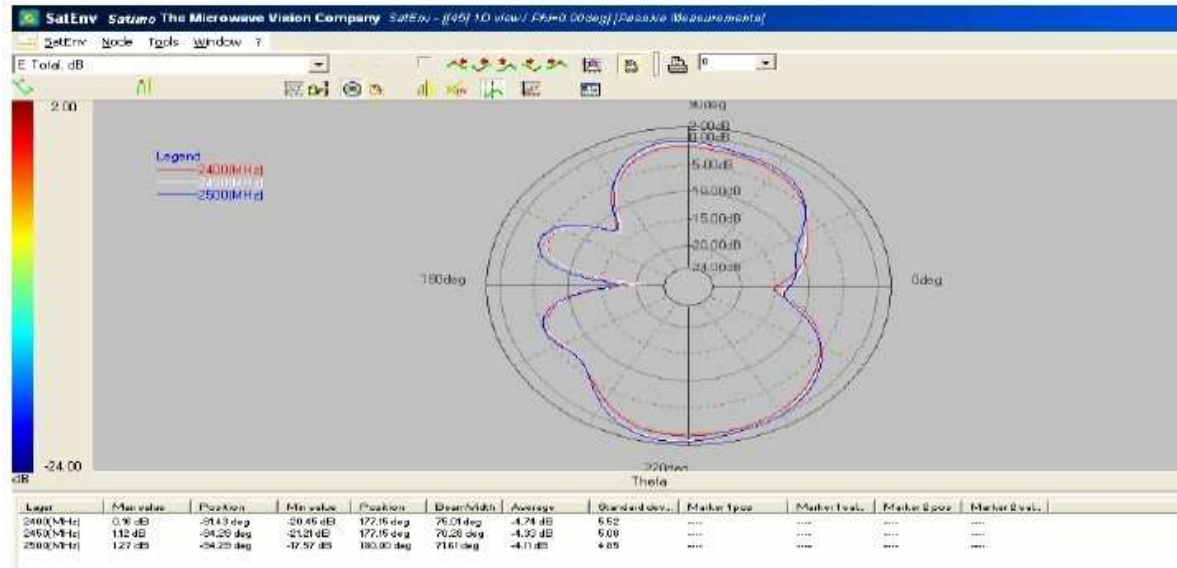


Layer	Max value	Position	Min val.	Position	Beam...	Average	Stand...	Marker 1 pos	Marker 1 val.	Marker 2 pos	Marker 2 val.
2400(MHz)	0.00 dB	109.70 deg	-0.26 dB	90.00 d...	---	-0.05 dB	1.00	---	---	---	---
2450(MHz)	1.91 dB	109.68 deg	-1.41 dB	88.43 d...	---	0.27 dB	0.77	---	---	---	---
2500(MHz)	2.04 dB	109.70 deg	-1.68 dB	30.06 d...	---	0.36 dB	0.83	---	---	---	---

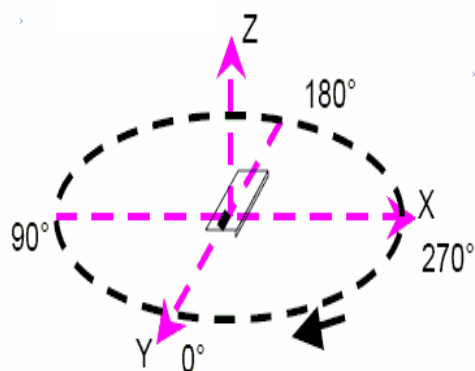
Fre (MHz)	Max gain (dB)	Degree
2400	0.89	109.7
2450	1.91	109.68
2500	2.00	109.7



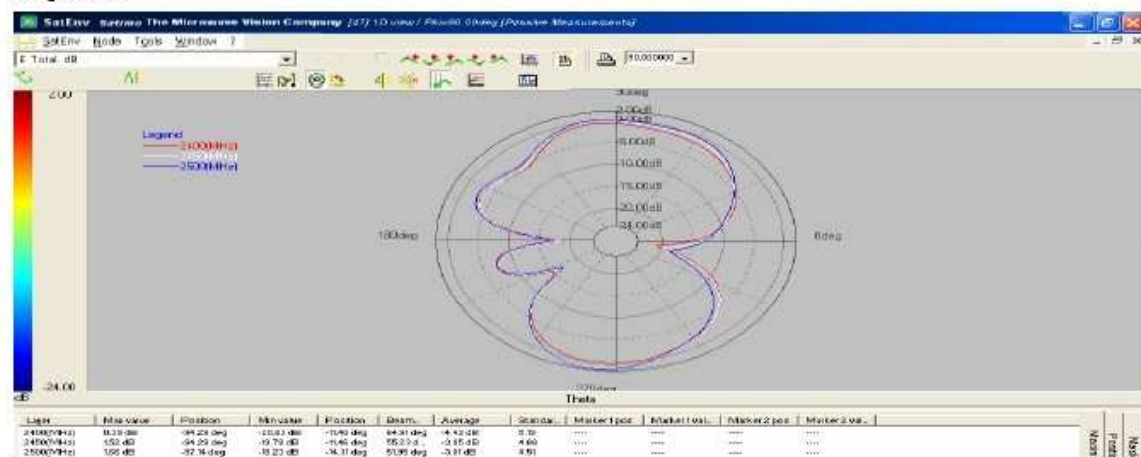
E1 pattern:



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



E2 pattern:



0.00

END