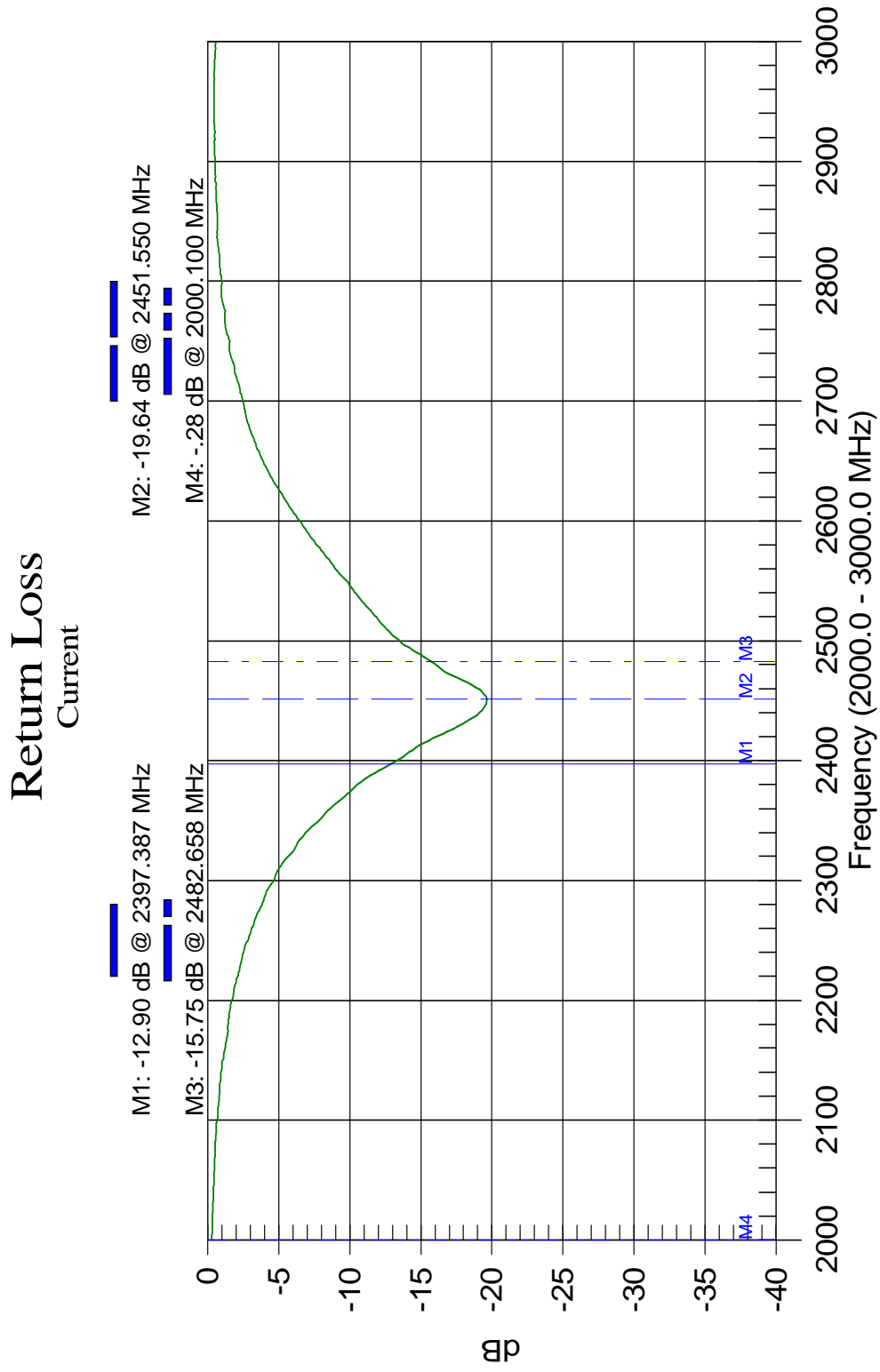


Antenna Parameter

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

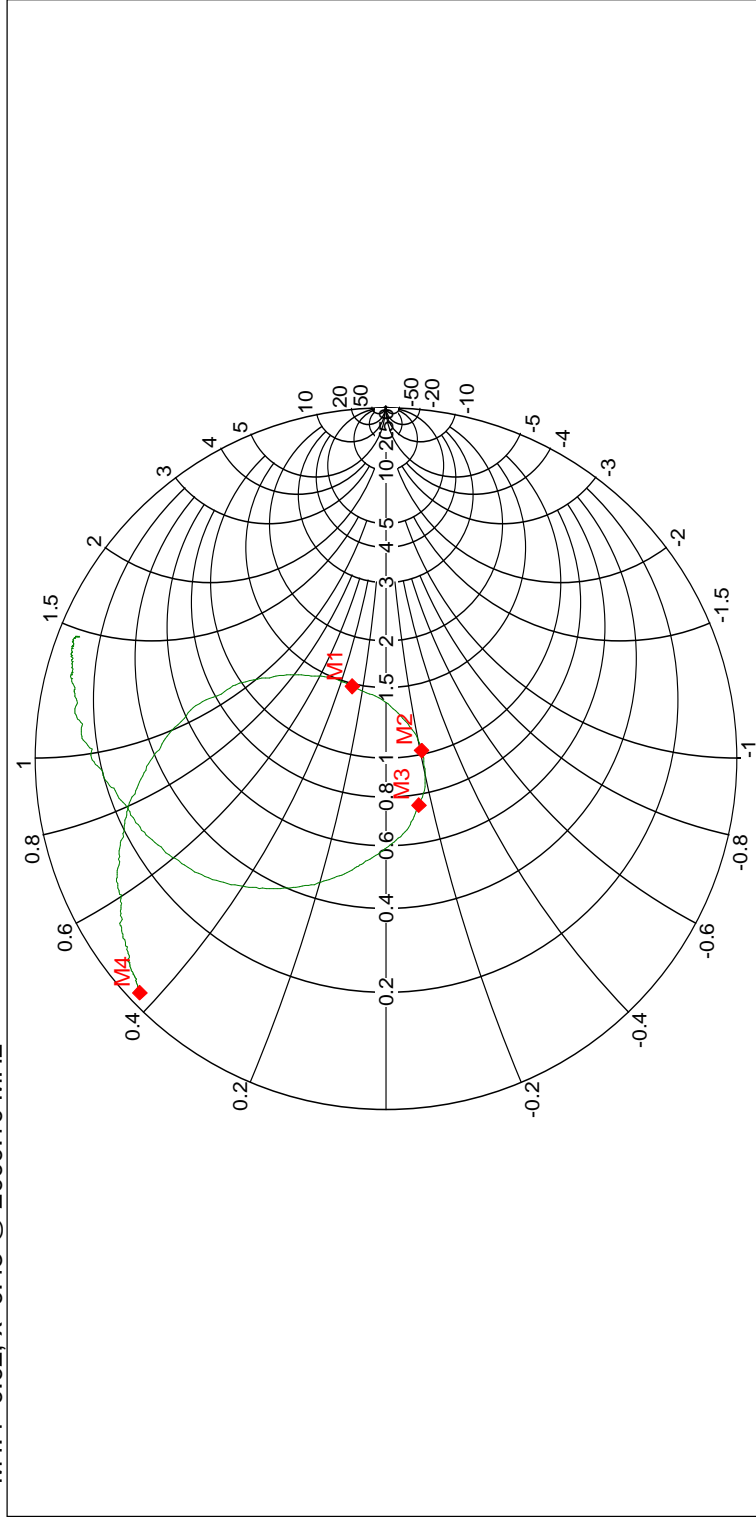
FlexCAL:ON(COAX)
Channel: N/A
Time: 14:16:43
Serial #: 00924093

Resolution: 517
Std: ---
Date: Sep/
Model: S332D

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

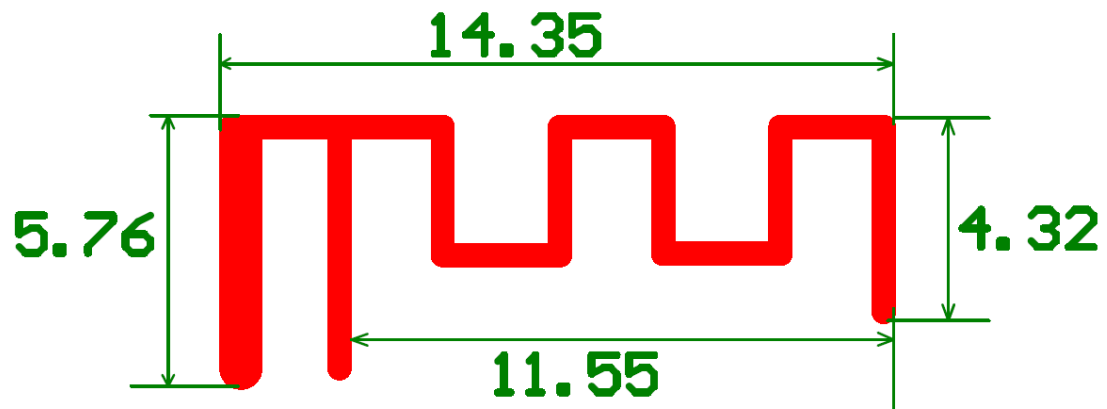


Resolution: 517
 Date: Sep/
 Model: S332D

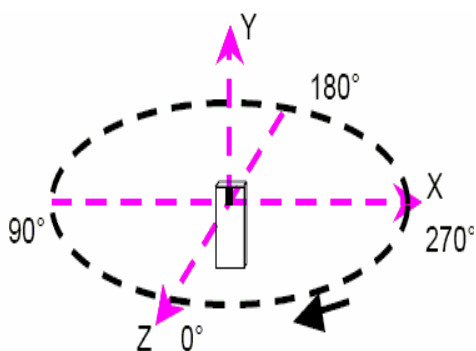
FlexCAL:ON(COAX)
 Time: 14:16:43
 Serial #: 00924093

CW ON
 Prop. Vel.: 800

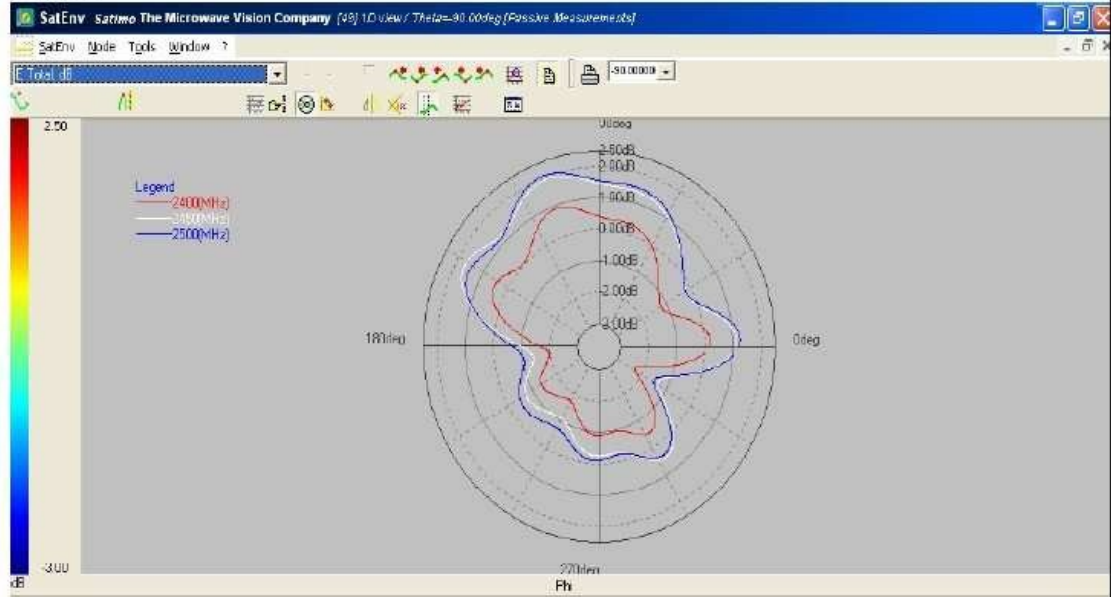
4. Shape of the antenna



Efficiency:

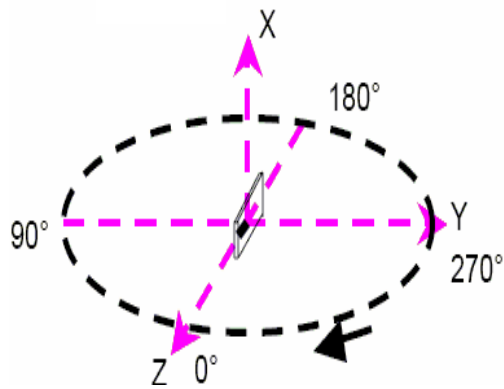


H pattern:

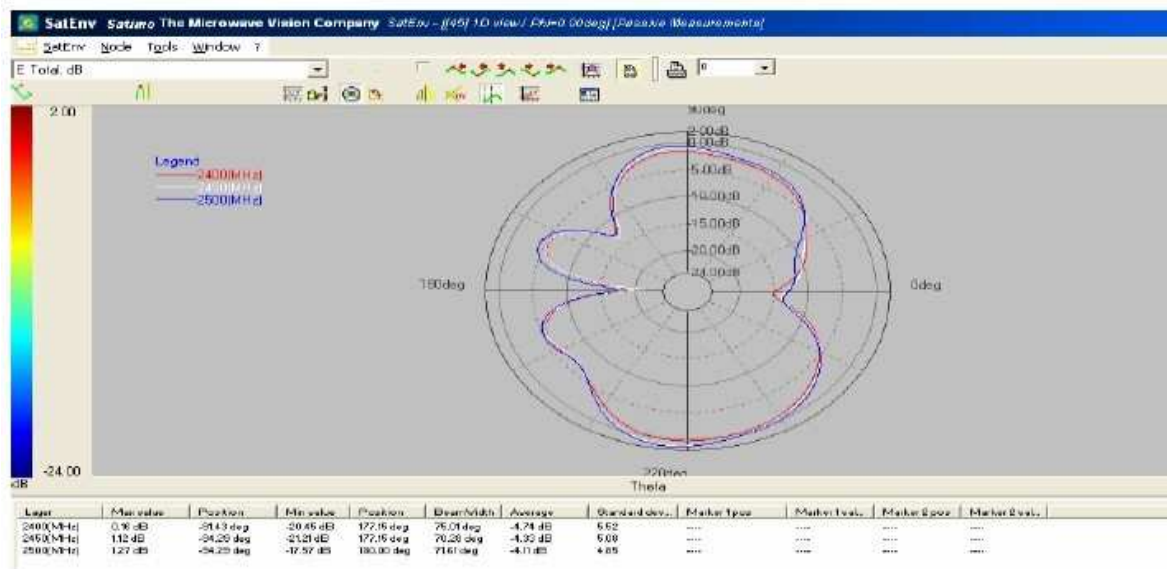


Layer	Max value	Position	Min val.	Position	Beam...	Average	Stand...	Marker 1 pos	Marker 1 val.	Marker 2 pos	Marker 2 val.
2400(MHz)	0.00 dB	119.75 deg	-2.95 dB	30106.4	---	-0.95 dB	1.50	---	---	---	---
2450(MHz)	1.91 dB	119.68 deg	-1.41 dB	30343.4	---	0.27 dB	0.77	---	---	---	---
2500(MHz)	2.04 dB	119.70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

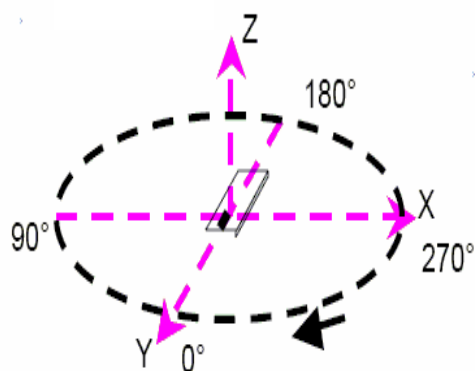
Fre (MHz)	Max gain (dB)	Degree
2400	0.89	109.7
2450	1.91	109.68
2500	2.00	109.7



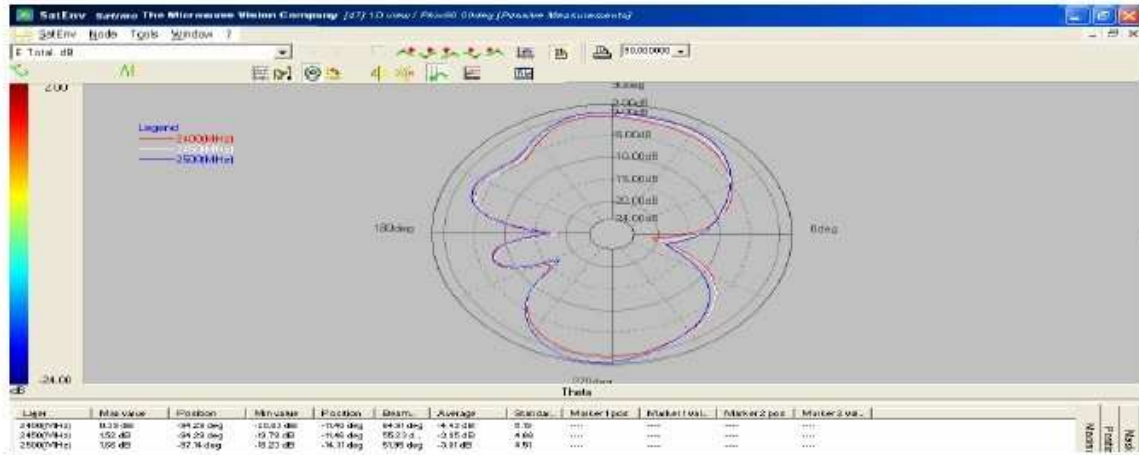
E1 pattern:



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



E2 pattern:



END