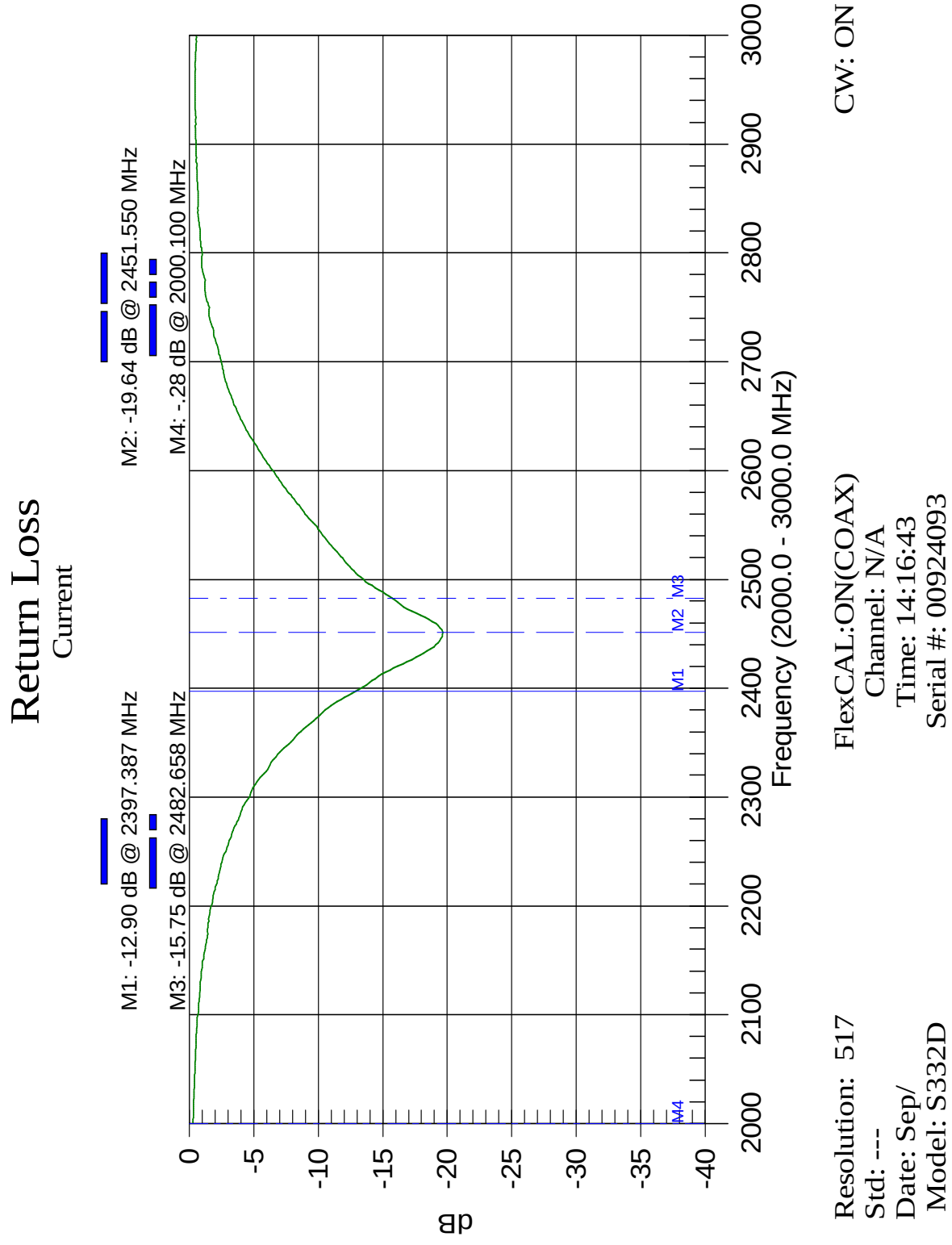
product model name_antenna model name_PCB Antenna

Test Equipment:C57-ANT

1. Electrical Characteristics

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

2.Return Loss and Smith Chat



3. Physical Test Environment
Antitsu S332D

Smith Chart

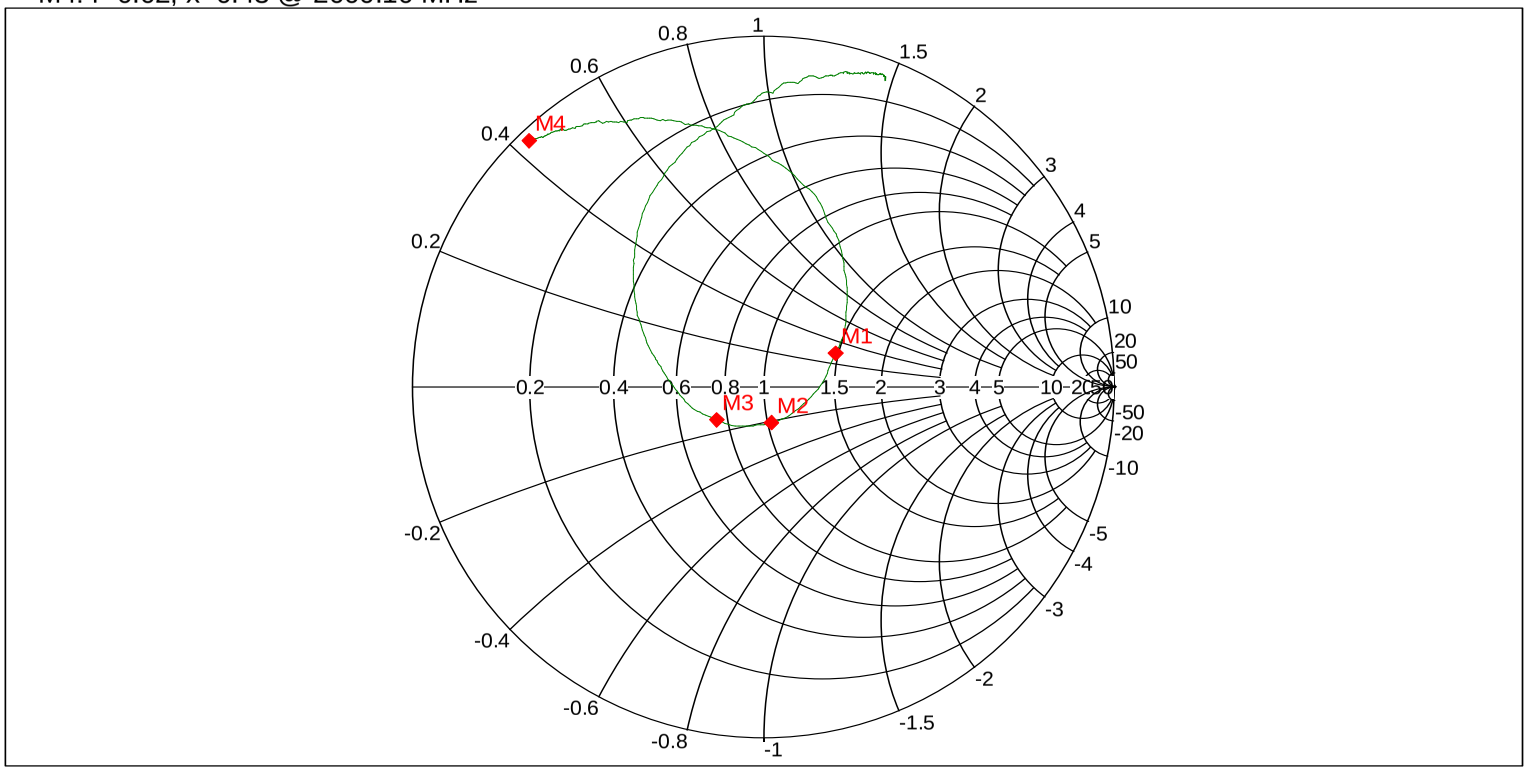
Current

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

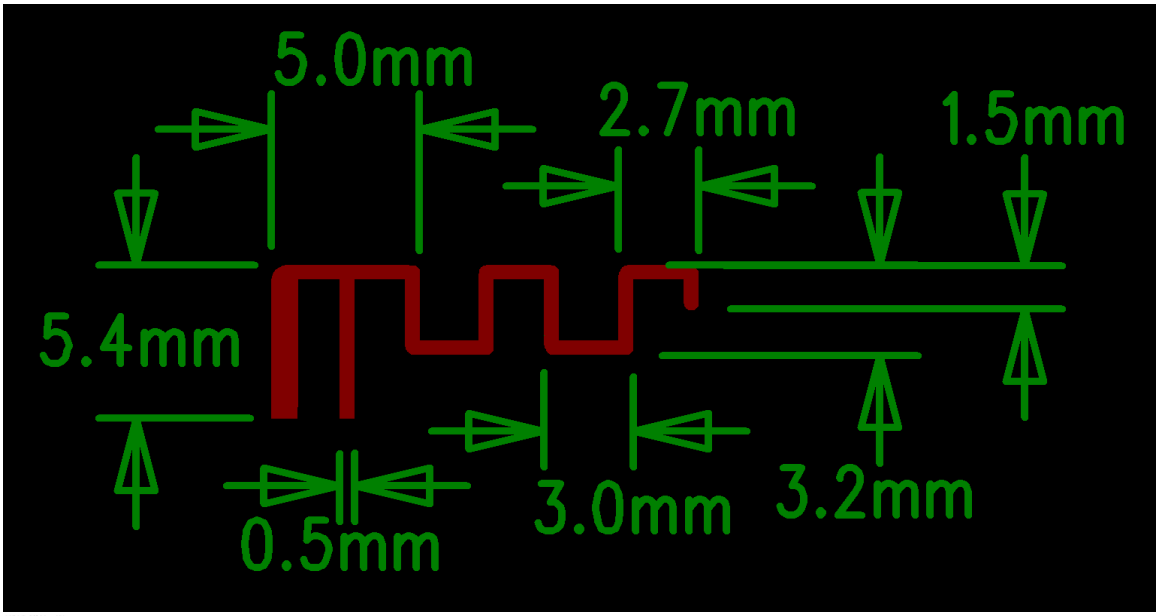


Resolution: 517
Date: Sep/
Model: S332D

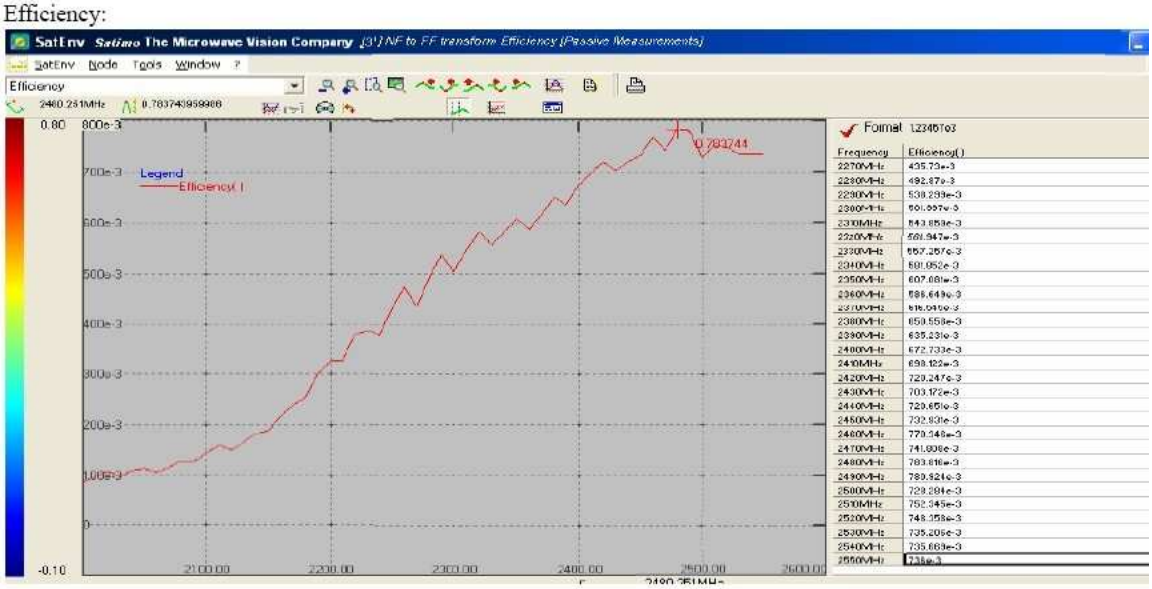
FlexCAL:ON(COAX)
Time: 14:16:43
Serial #: 00924093

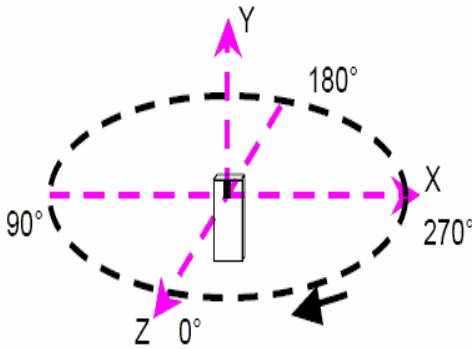
CW ON
Prop.Vel:.800

4. **Shape of the antenna**

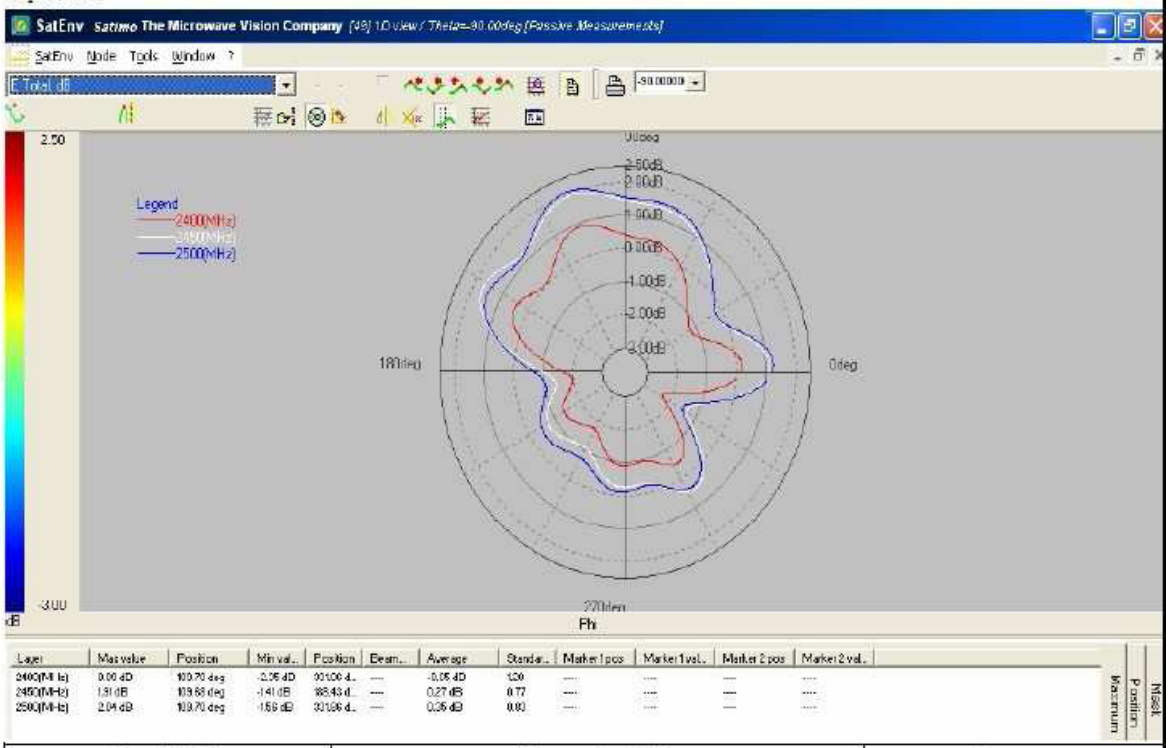


Efficiency:

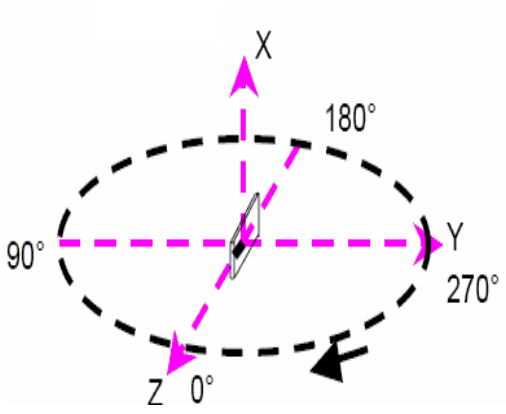




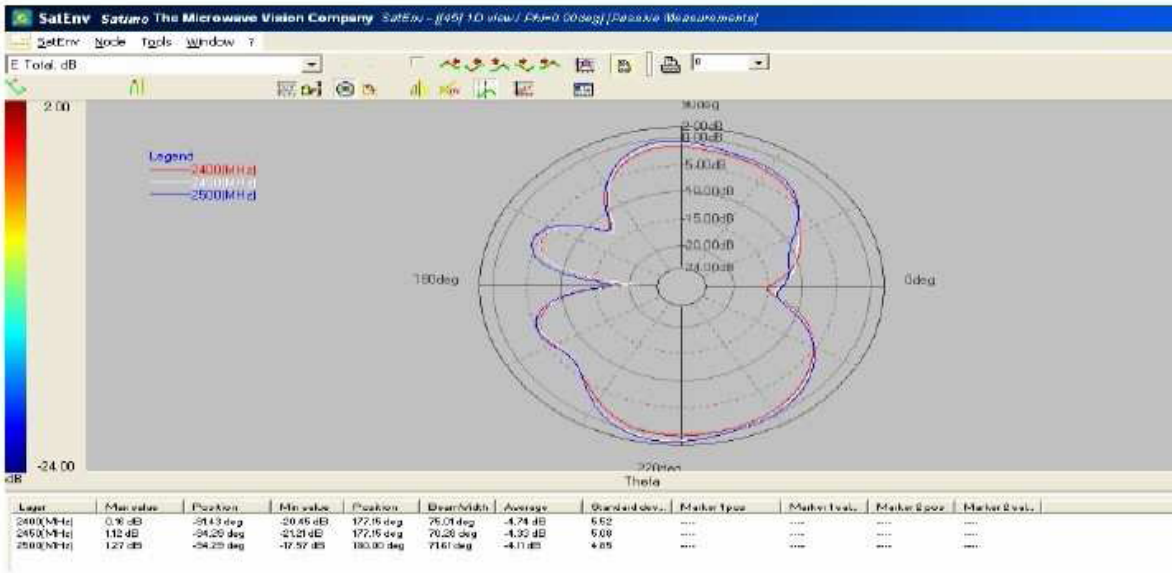
H pattern:



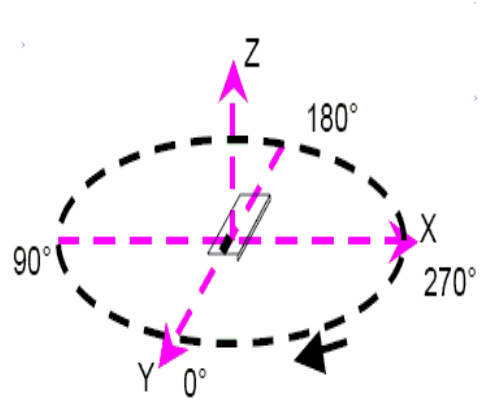
Fre(MHz)	Max gain(dBi)	Degree
2400	0.89	109.7
2450	1.91	109.68
2500	2.04	109.7



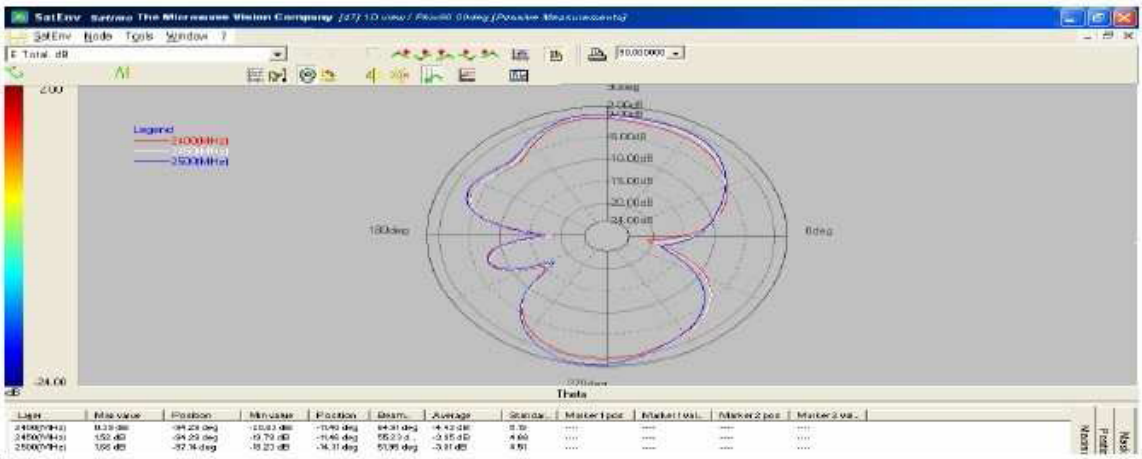
E1 pattern:



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



E2 pattern:



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

END