

TT2001_PCB Antenna

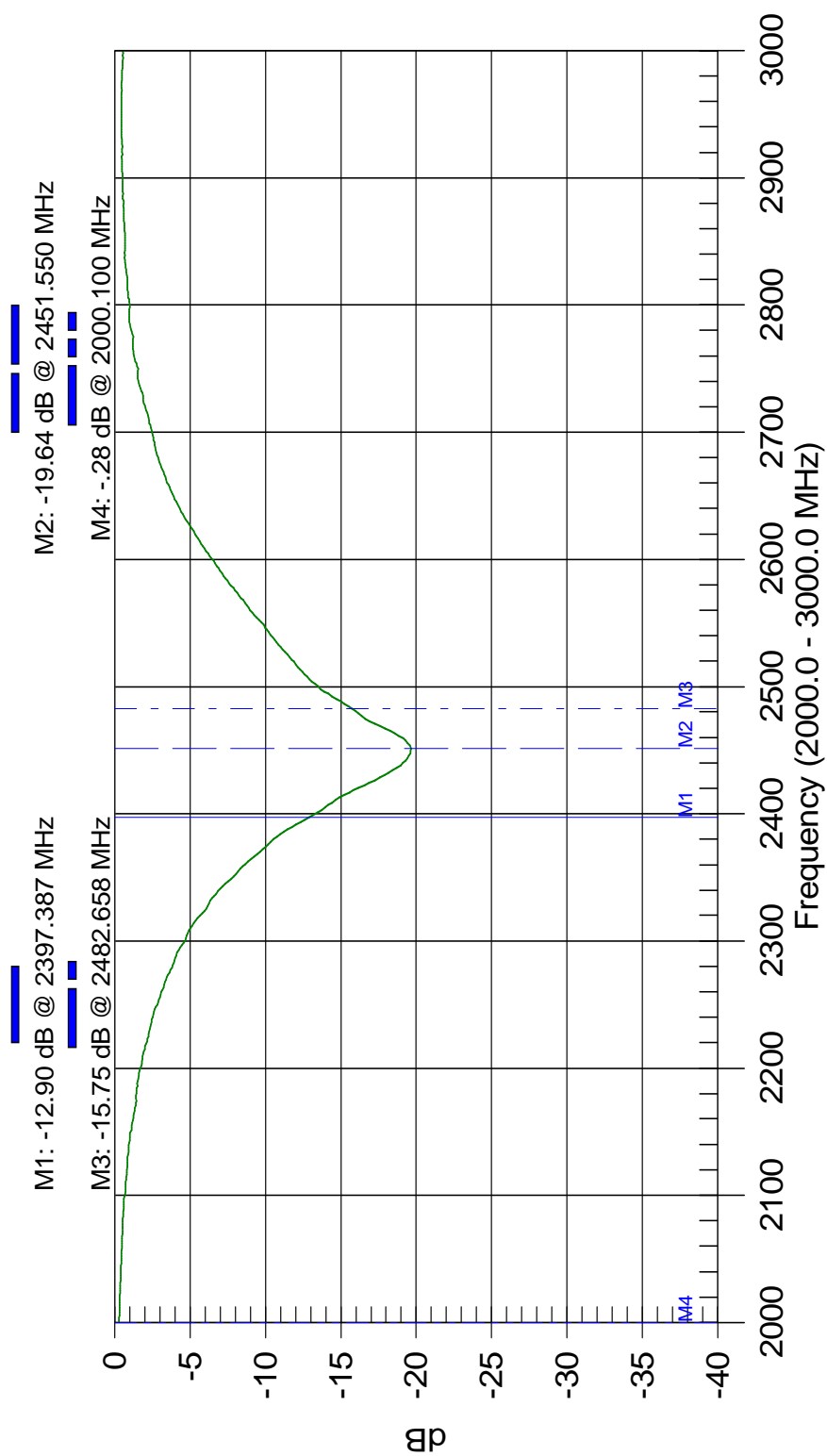
1. Electrical Characteristics

No.	Item	Specifications
1	Working Central Frequency	2450 MHz
2	Band Width	2400~2500MHZ
3	Gain	0~2dbi
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

Return Loss

Current



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

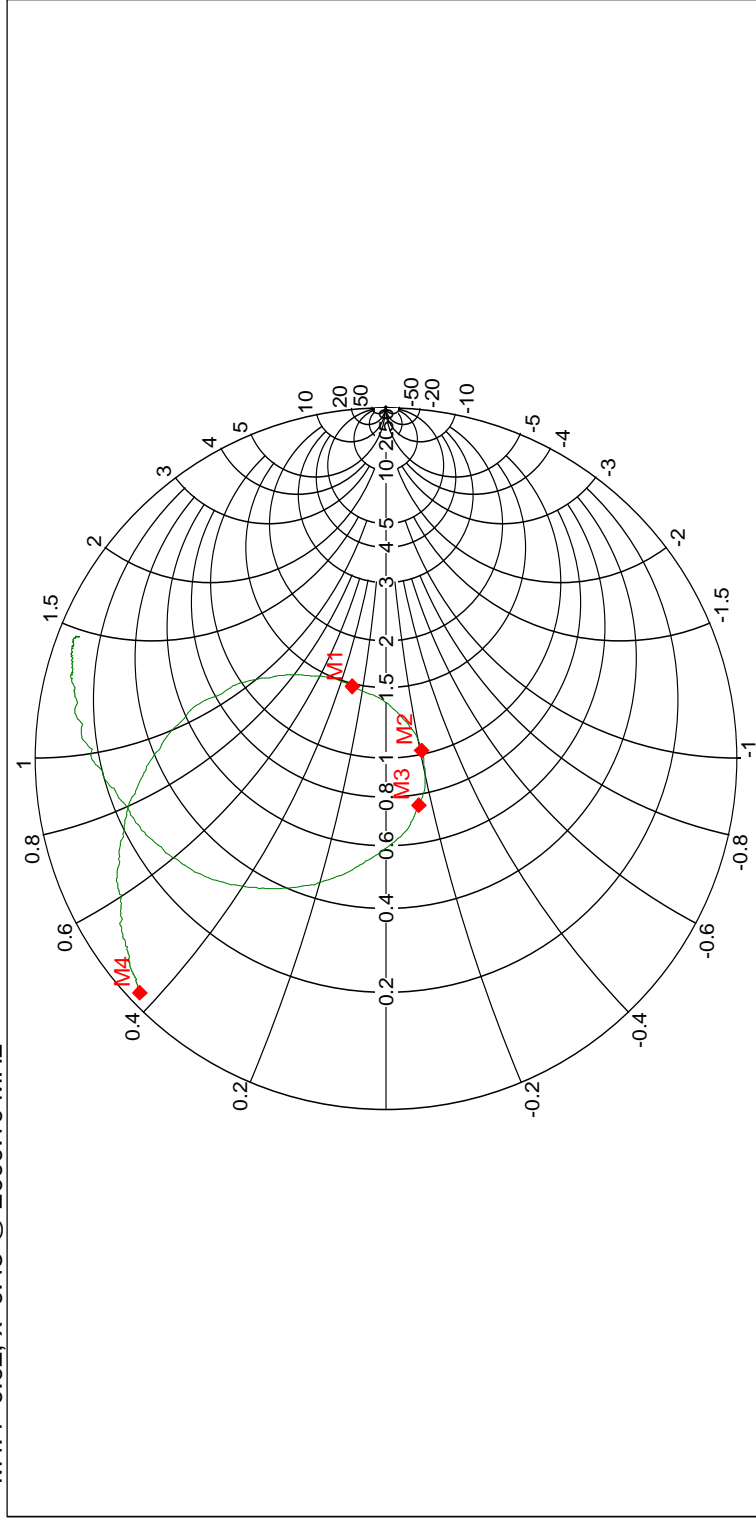
FlexCAL:ON(COAX)
Channel: N/A
Time: 14:16:43
Serial #: 00924093

CW: ON

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

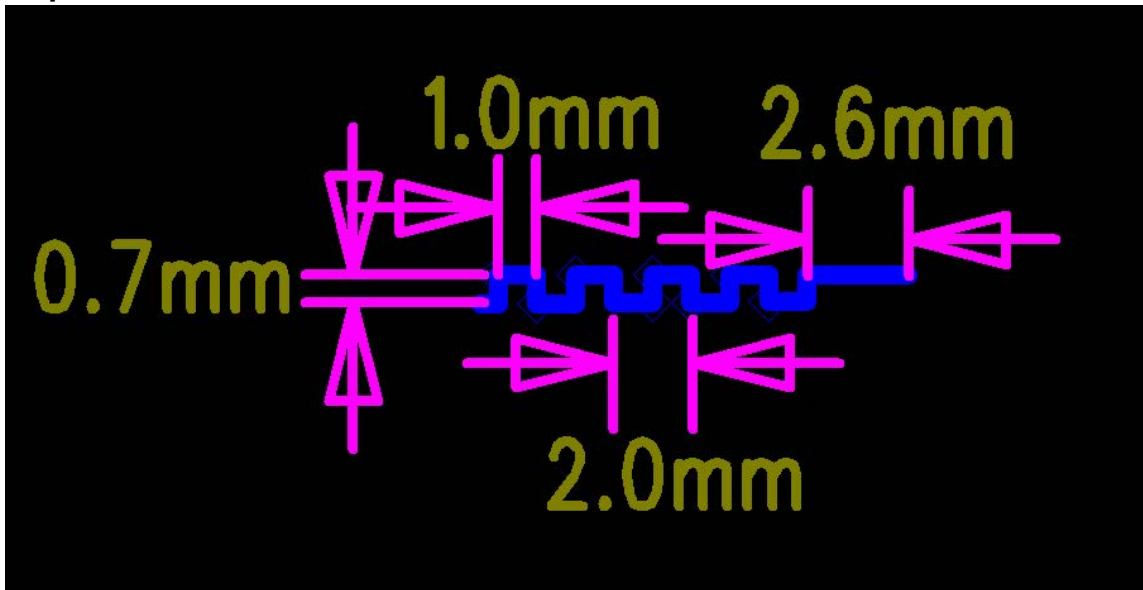


Resolution: 517
 Date: Sep/02/2009
 Model: S332D

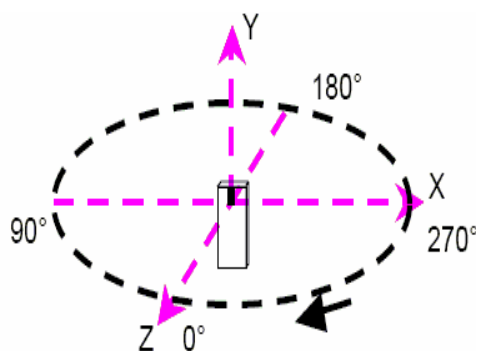
FlexCAL:ON(COAX)
 Time: 14:16:43
 Serial #: 00924093

CW ON
 Prop. Vel.: 800

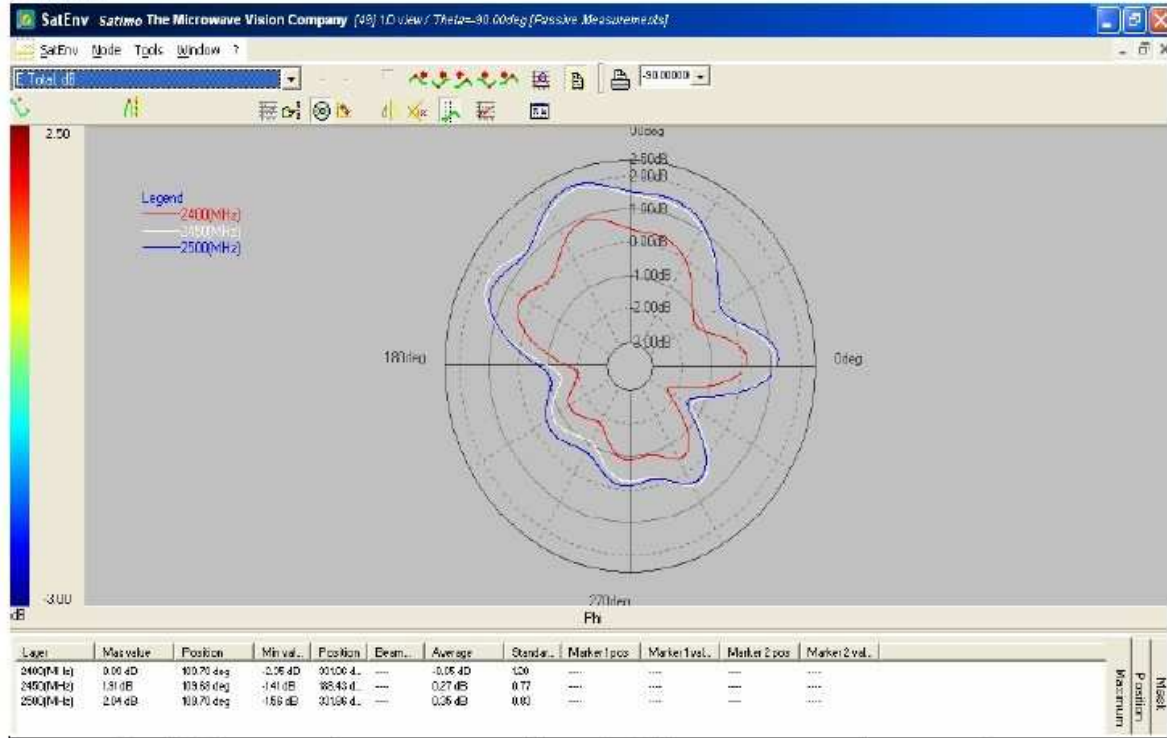
4. Shape of the antenna



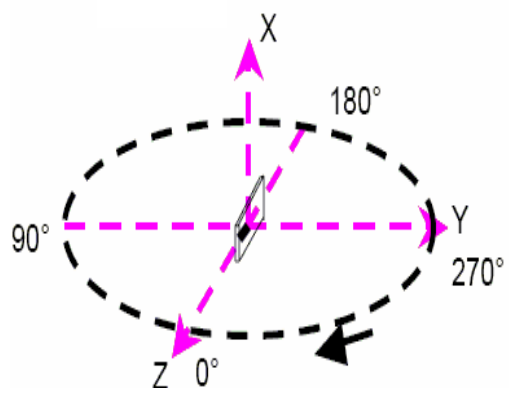
Efficiency:



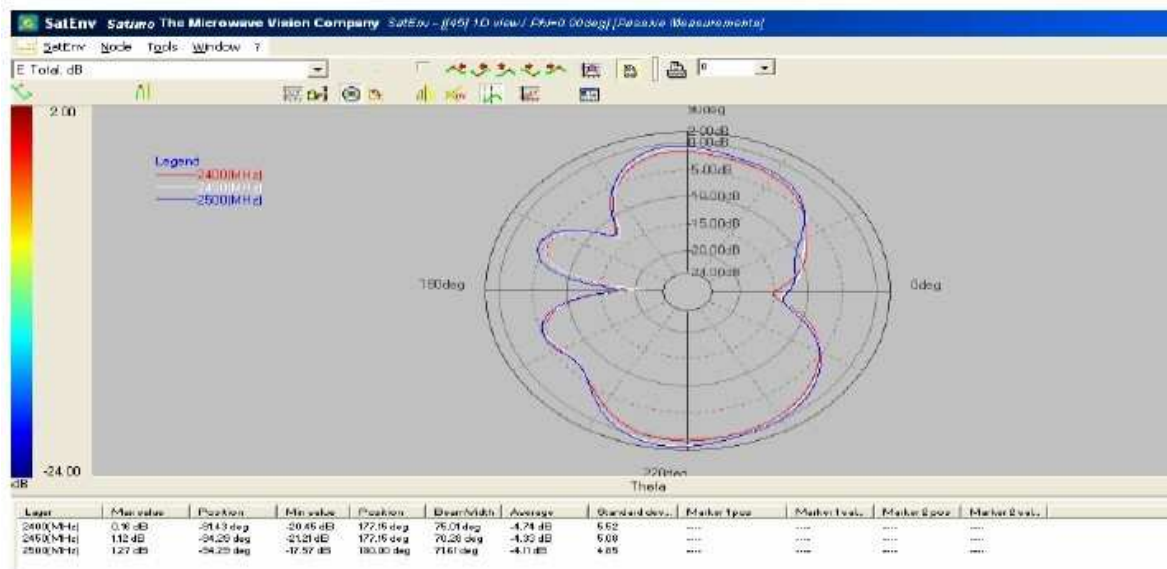
H pattern:



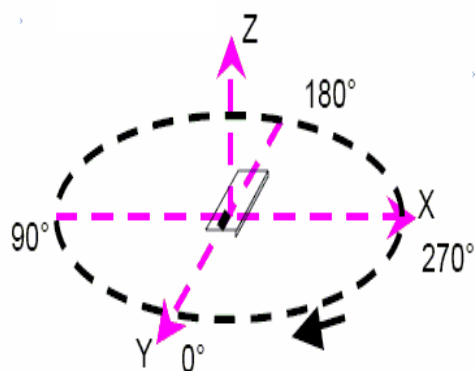
Fre (MHz)	Max gain(dB)	Degree
2400	0.89	109.7
2450	1.91	109.68
2500	2.04	109.7



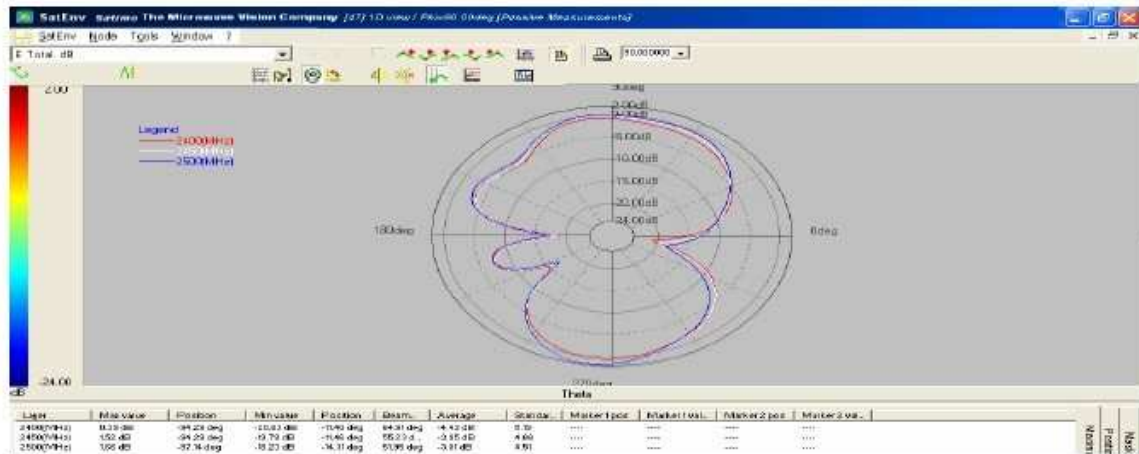
E1 pattern:



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



E2 pattern:



END