

Antenna specification

Model name : PCB Antenna

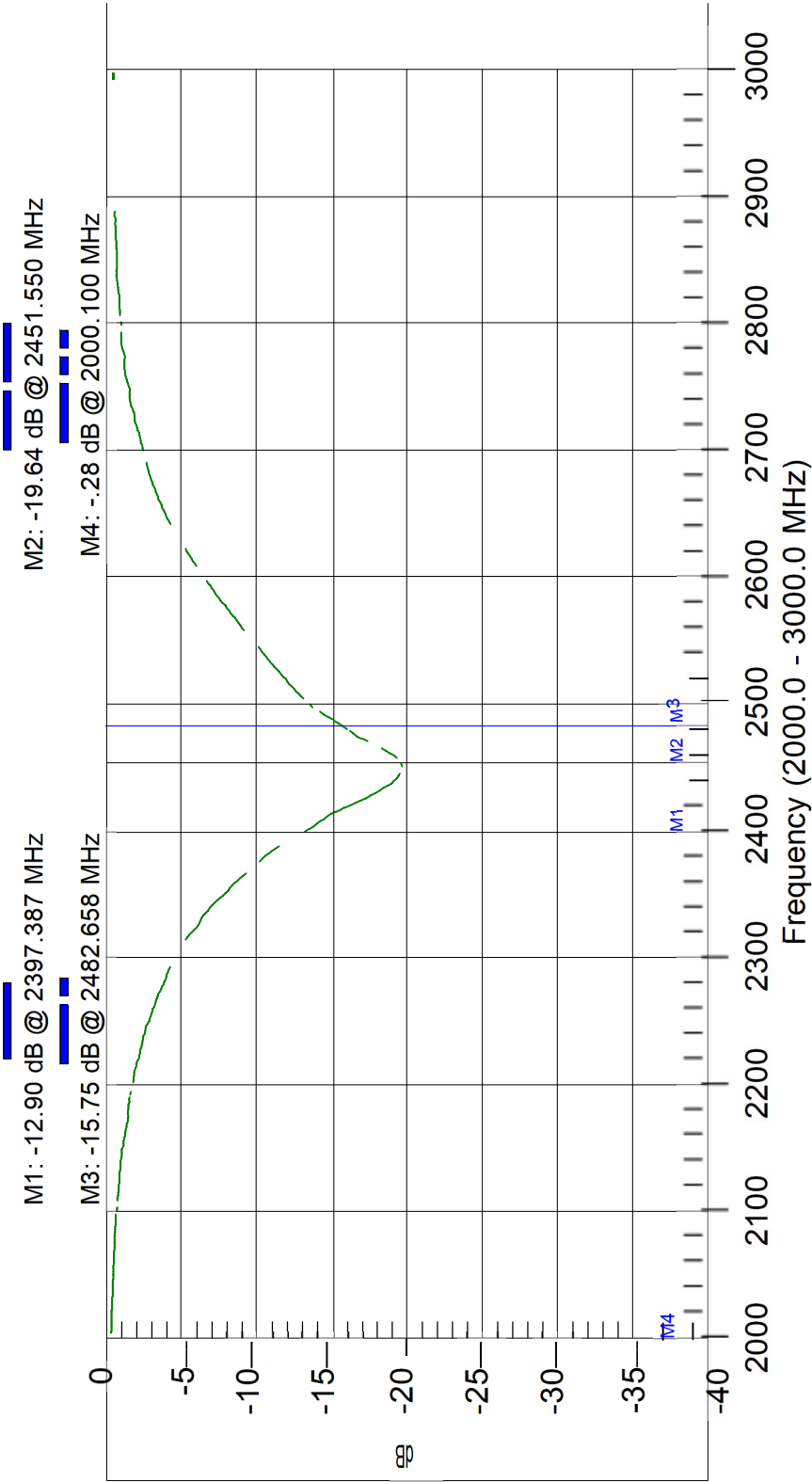
Test Equipment:XXXX

1. Electrical Characteristics

No.	Item	Specifications
1	Working Central Frequency	2450 MHz
2	Frequency Range	2400~2500MHZ
3	Max Gain	2.2dBi
4	V.S.W.R (in BW)	≤2.0
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance 阻抗	50 Q

2.Return Loss and Smith Chat

Return Loss



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

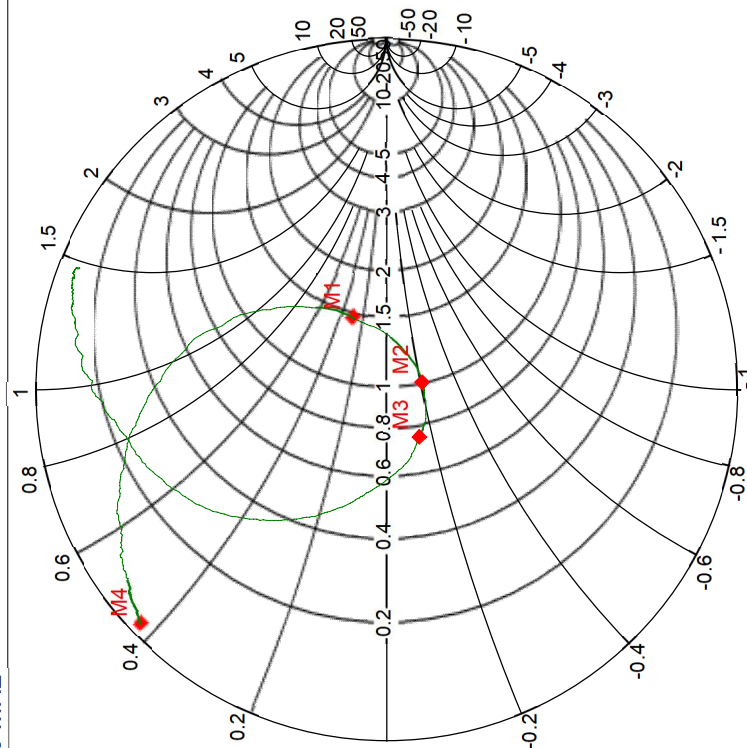
3 . Physical Test Environment

Antitsu S332D

Smith Chart

Current

$\blacklozenge$ M1: $r=1.48$, $x=0.30$ @ 2397.387 MHz $\blacklozenge$ M2: $r=1.02$, $x=-0.21$ @ 2451.65 MHz $\blacklozenge$ M3: $r=0.75$, $x=-0.14$ @ 2482.658 MHz
 $\blacklozenge$ M4: $r=0.02$, $x=0.43$ @ 2000.10 MHz



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

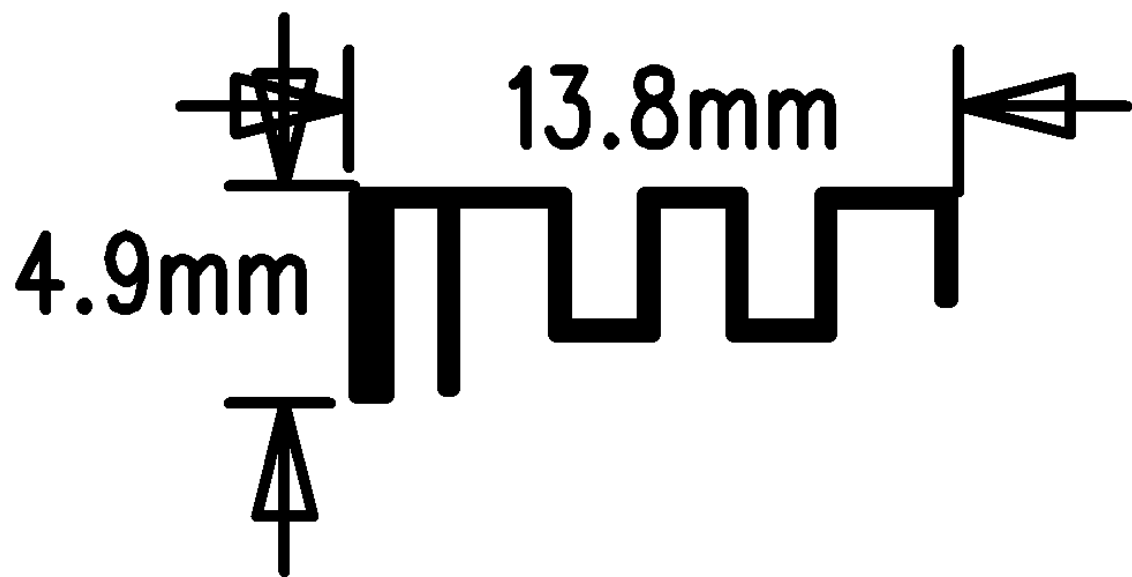
FlexCAL:ON(COAX)

Time: 14 : 16 :43

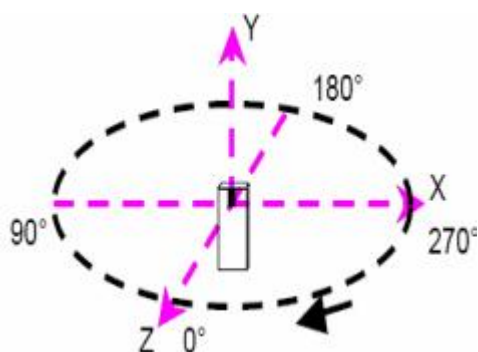
Serial #: 00924093

CW ON
 Prop.Vel.:800

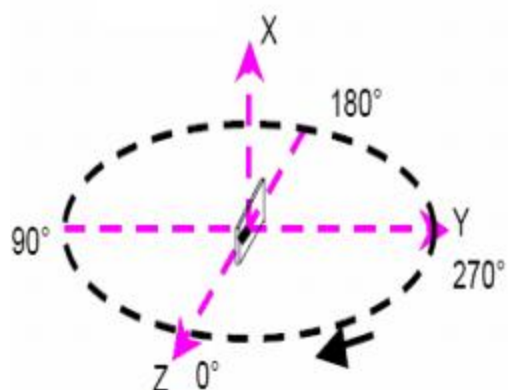
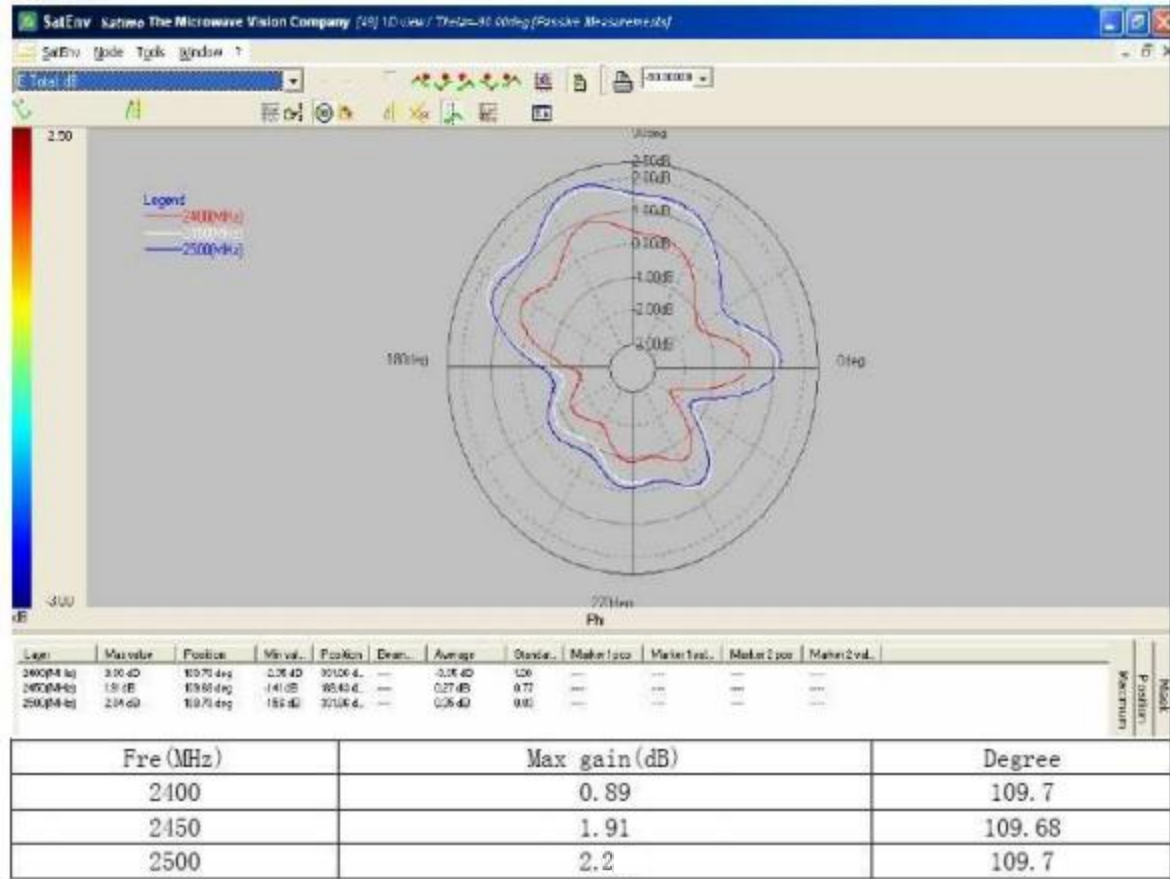
4. Shape of the antenna



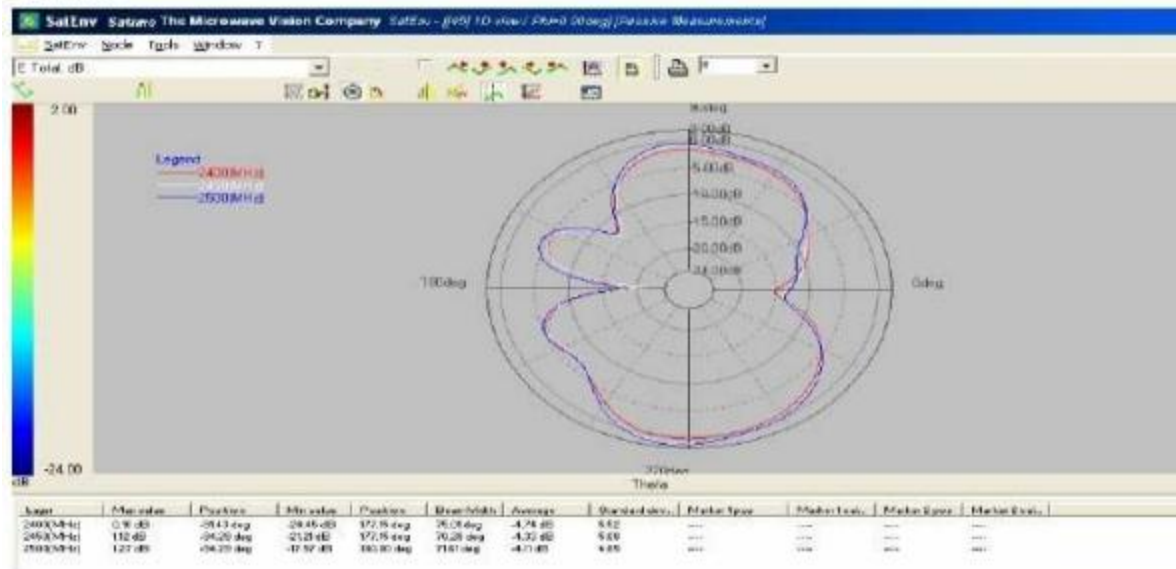
Efficiency:



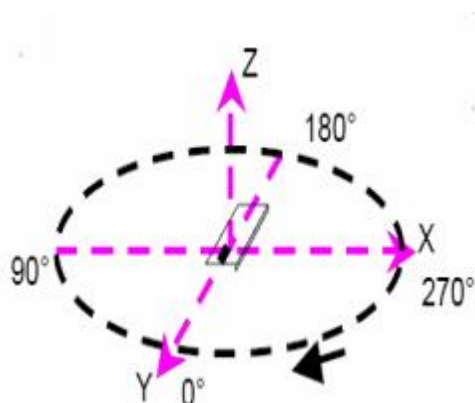
H pattern:



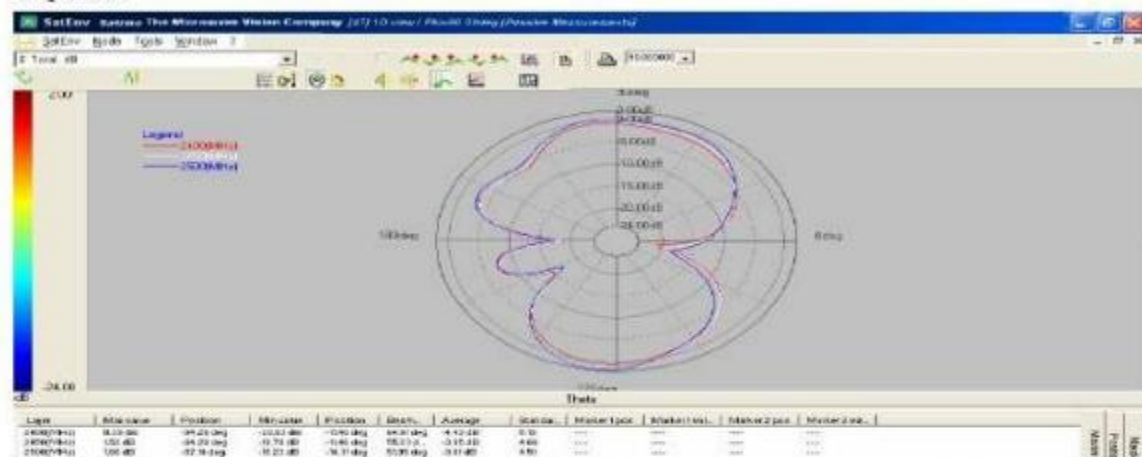
E1 pattern:



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