

product model name_antenna model name_PCB Antenna

1. Electrical Characteristics

Model name: F Type

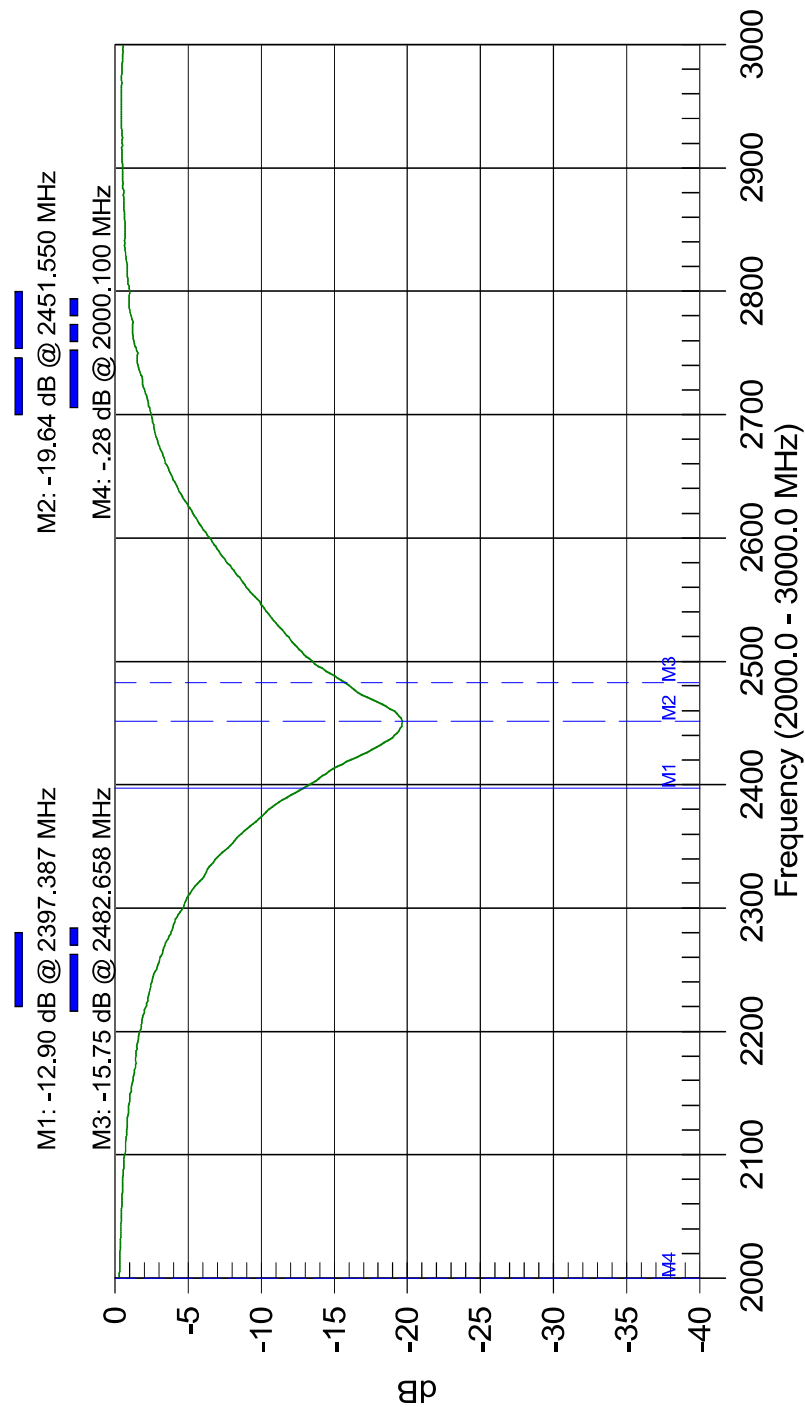
Test lab: Actions Technology Co., Ltd

Manufacturer: TONGLING HUAKE ELECTRONIC MATERIAL CO LTD

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

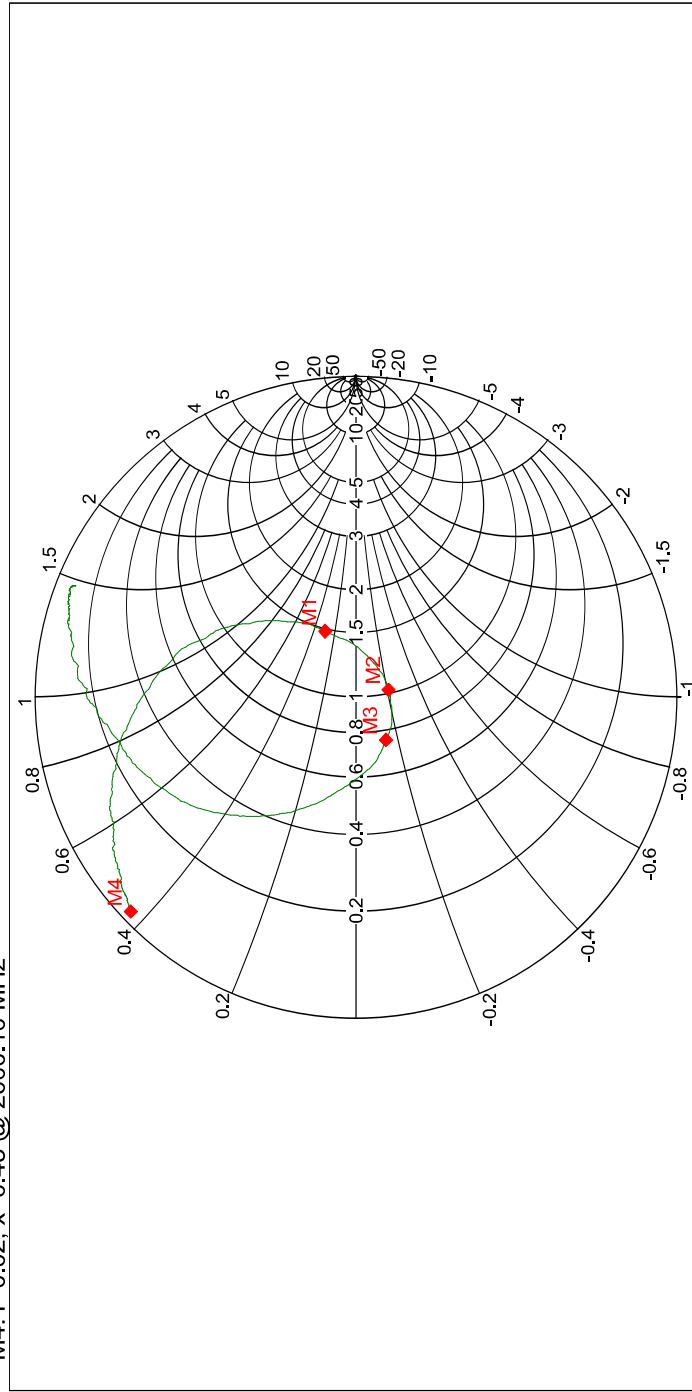
CW: ON

3. Physical Test Environment Antitsu S332D

Smith Chart

Current

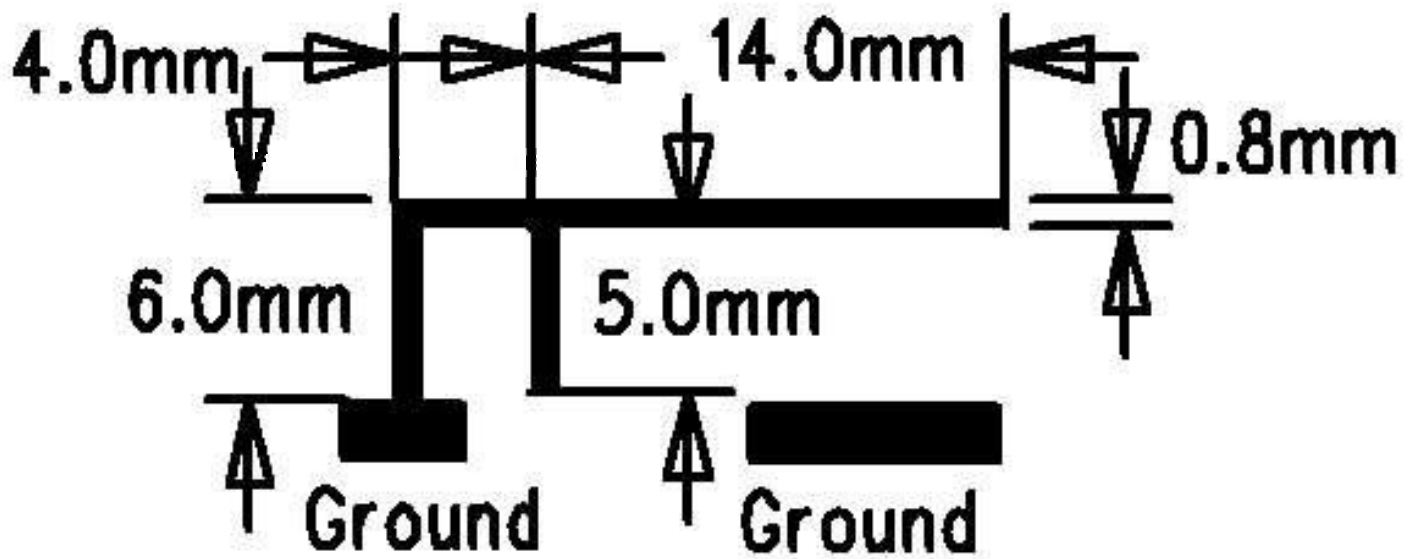
◆ M1: $r=1.48$, $x=0.30$ @ 2397.387 MHz ◆ M2: $r=1.02$, $x=-0.21$ @ 2451.65 MHz ◆ M3: $r=0.75$, $x=-0.14$ @ 2482.658 MHz
◆ M4: $r=0.02$, $x=0.43$ @ 2000.10 MHz



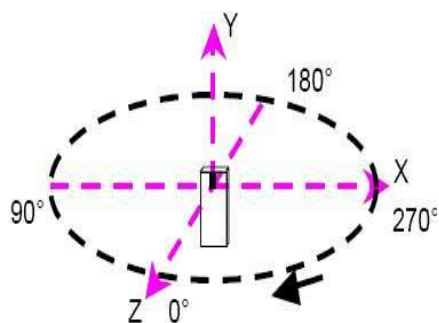
Resolution: 517
 Date: Sep/02/2009
 Model: S332D

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

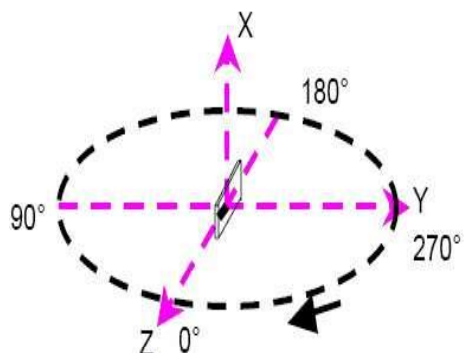
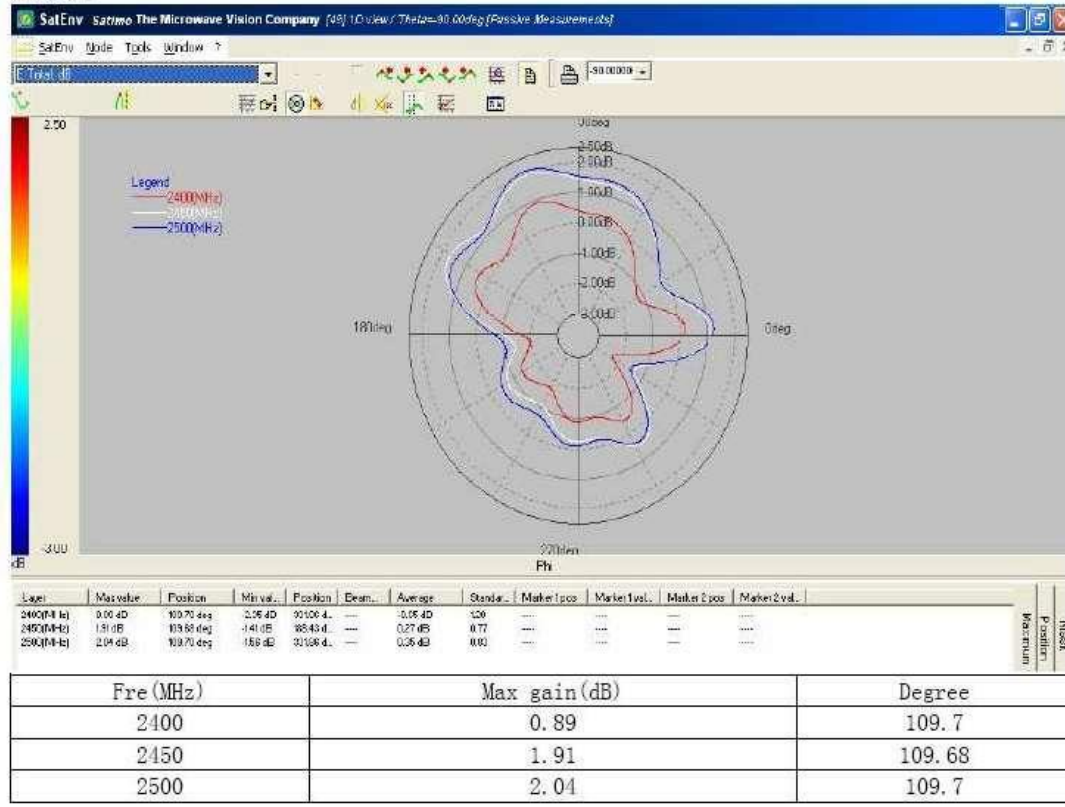
CW ON
 Prop. Vel.: 800



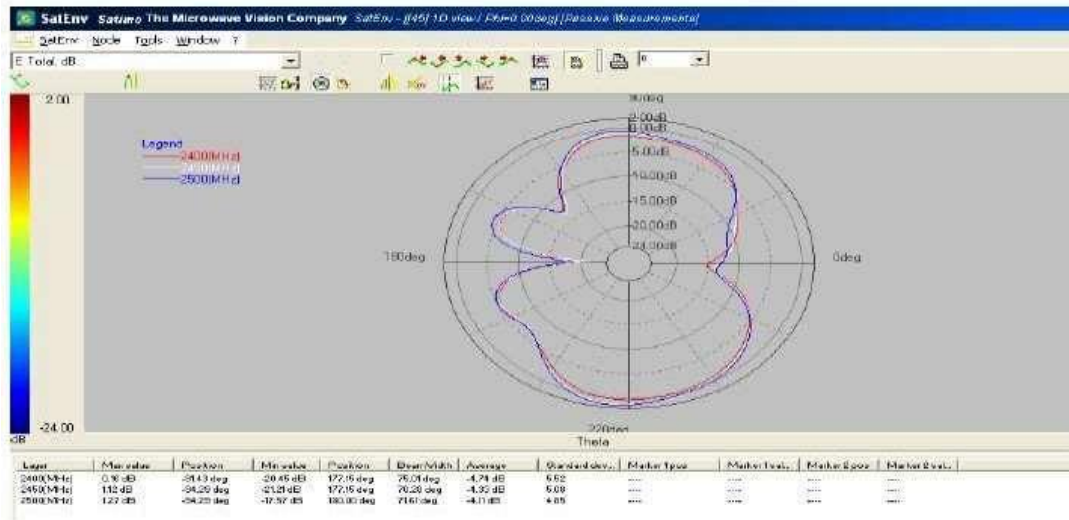
Efficiency:



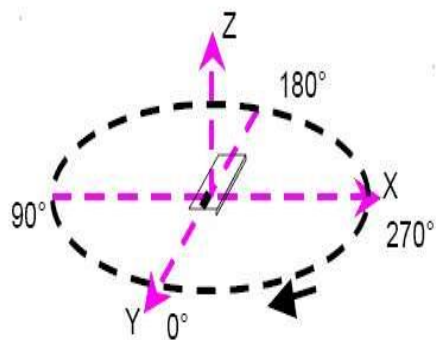
H pattern:



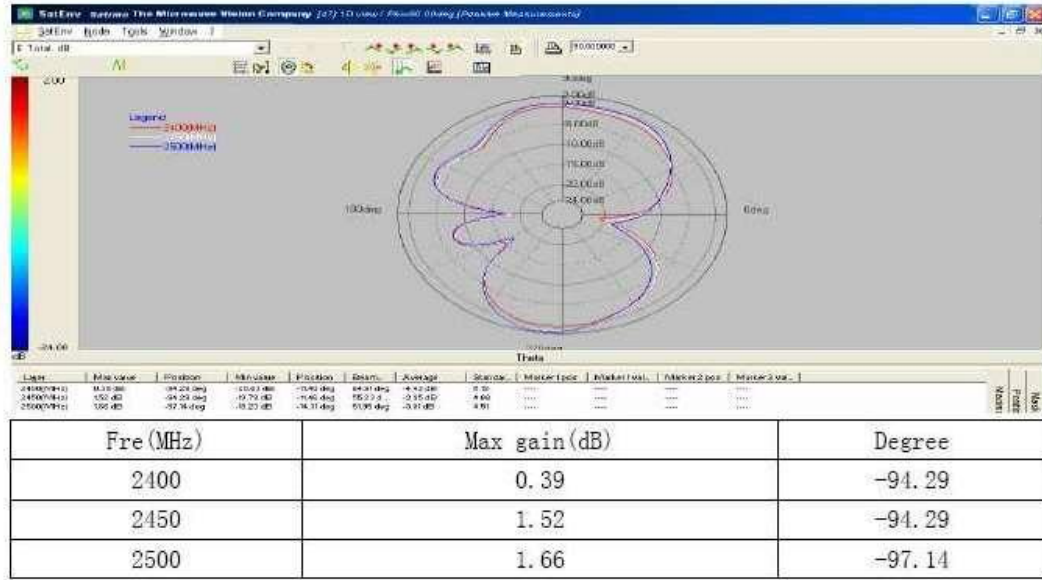
E1 pattern:



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



E2 pattern:



END