

product model name_antenna model name_PCB Antenna

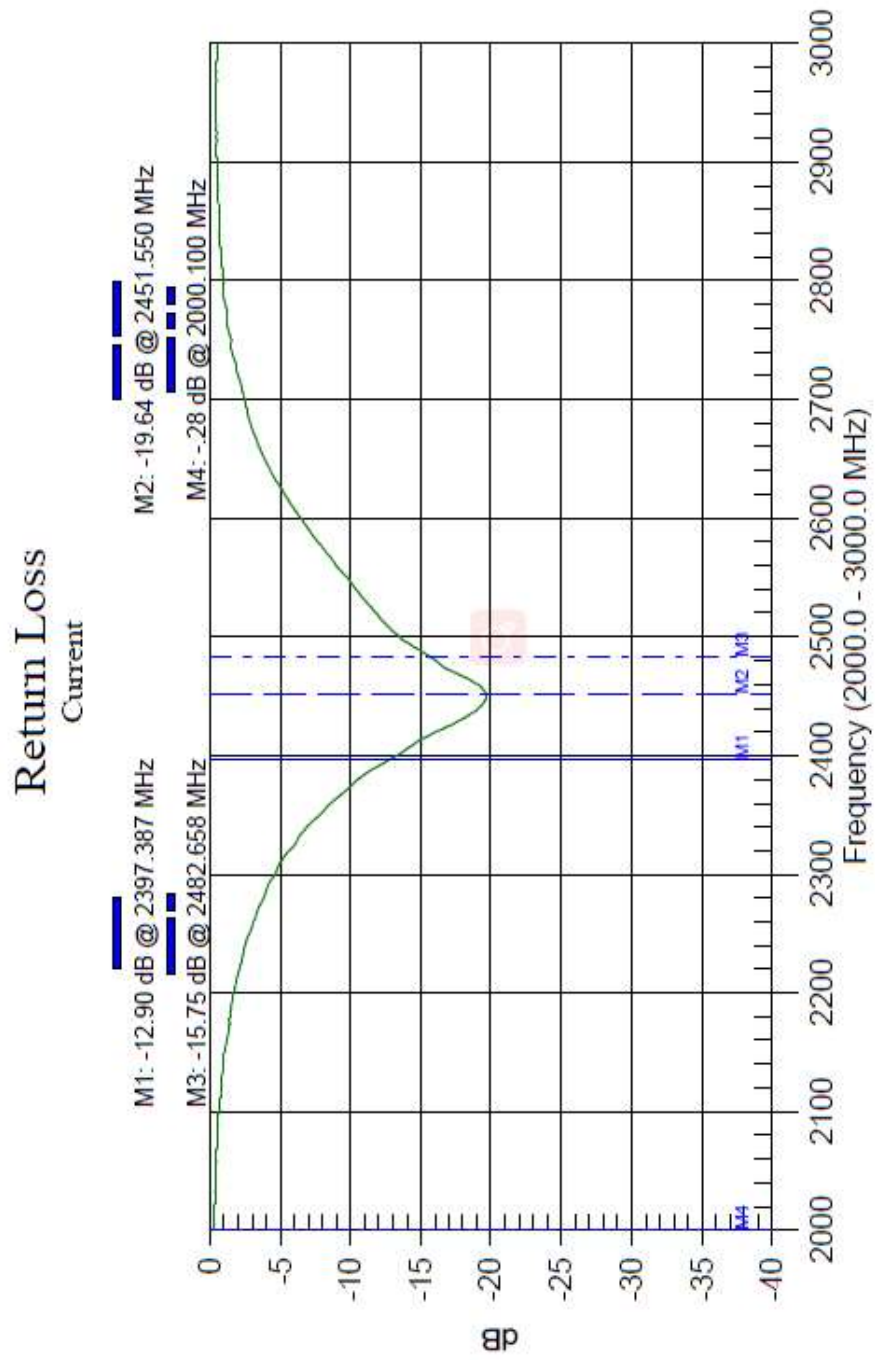
Manufacturer : Shenzhen Donghaorong Technology Co., LTD

Address : Room 1002, Unit 1, No. 9, Fu'an Ge, Xintang Village, Jutang Community,
Fucheng Street, Longhua District, Shenzhen

1. Electrical Characteristics

No.	Item	Specifications
1	Working Central Frequency	2450 MHz
2	Band Width	±75 MHz(2375~2525MHz)
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 Chart



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

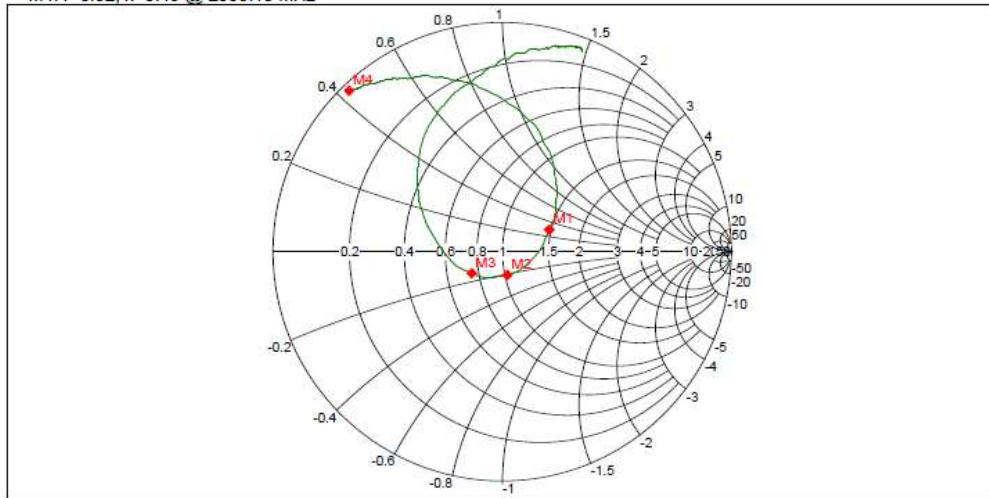
FlexCAL: ON(COAX)
Channel: N/A
Time: 14:16:43
Serial #: 00924093

CW: ON

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

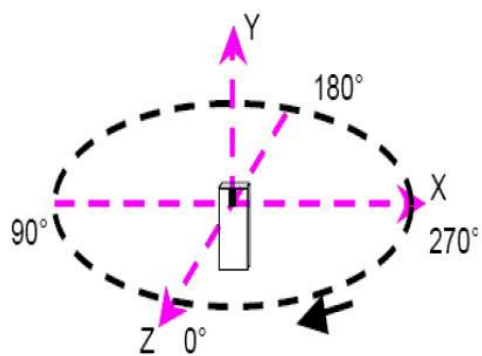
FlexCAL:ON(COAX)
Time: 14:16:43
Serial #: 00924093

CW ON
Prop.Vel.:800

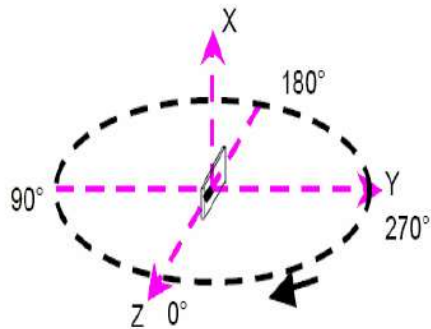
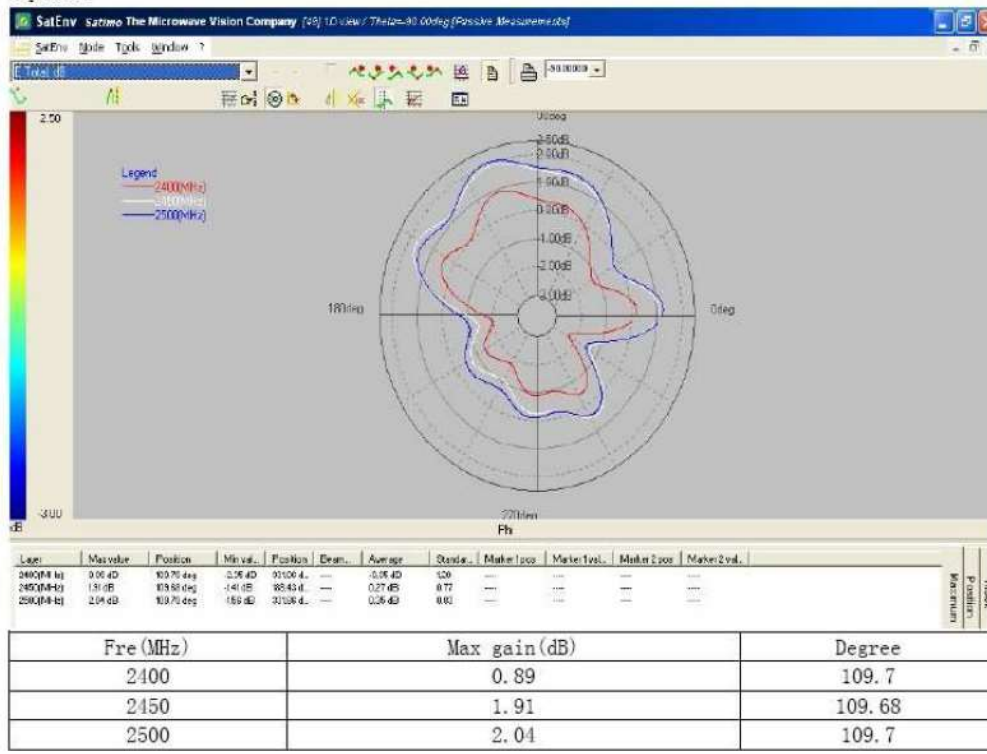
3. Physical Test Environment Antitsu S332D



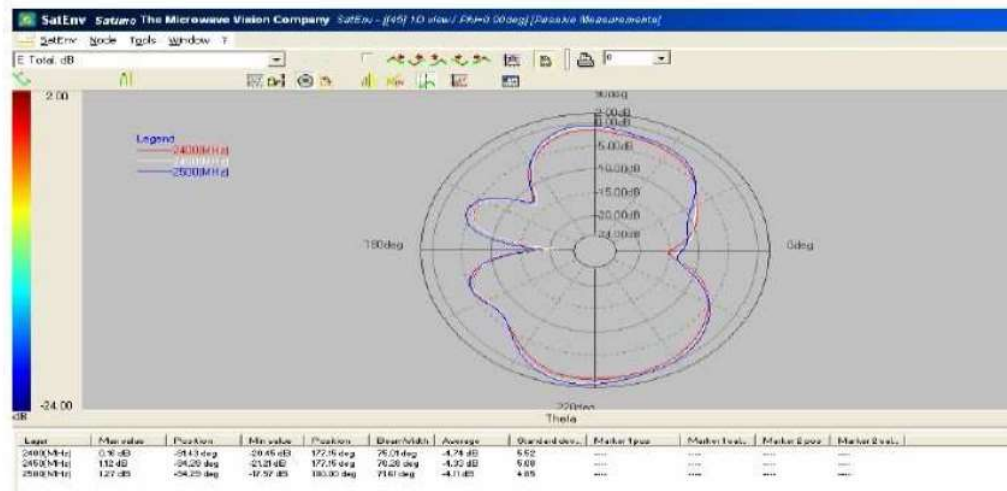
Efficiency:



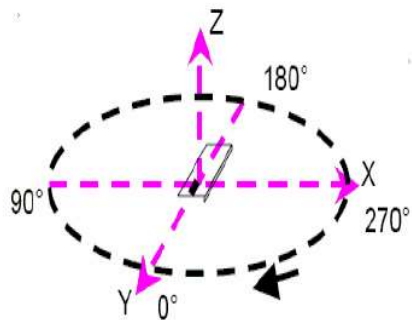
H pattern:



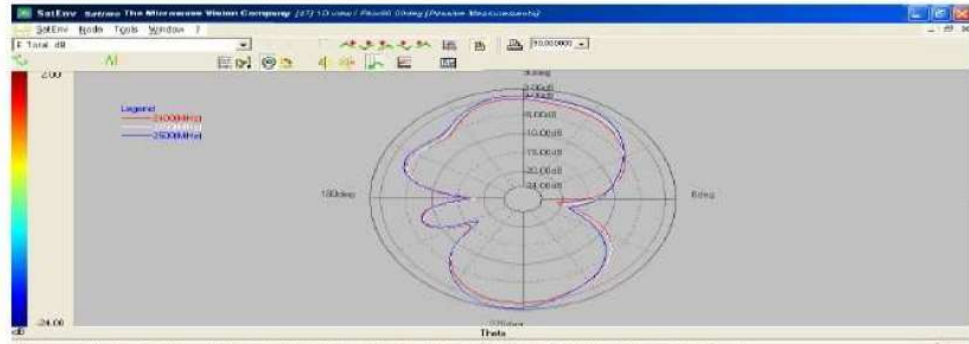
E1 pattern:



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

END