

Antenna Specifiatio for STB135

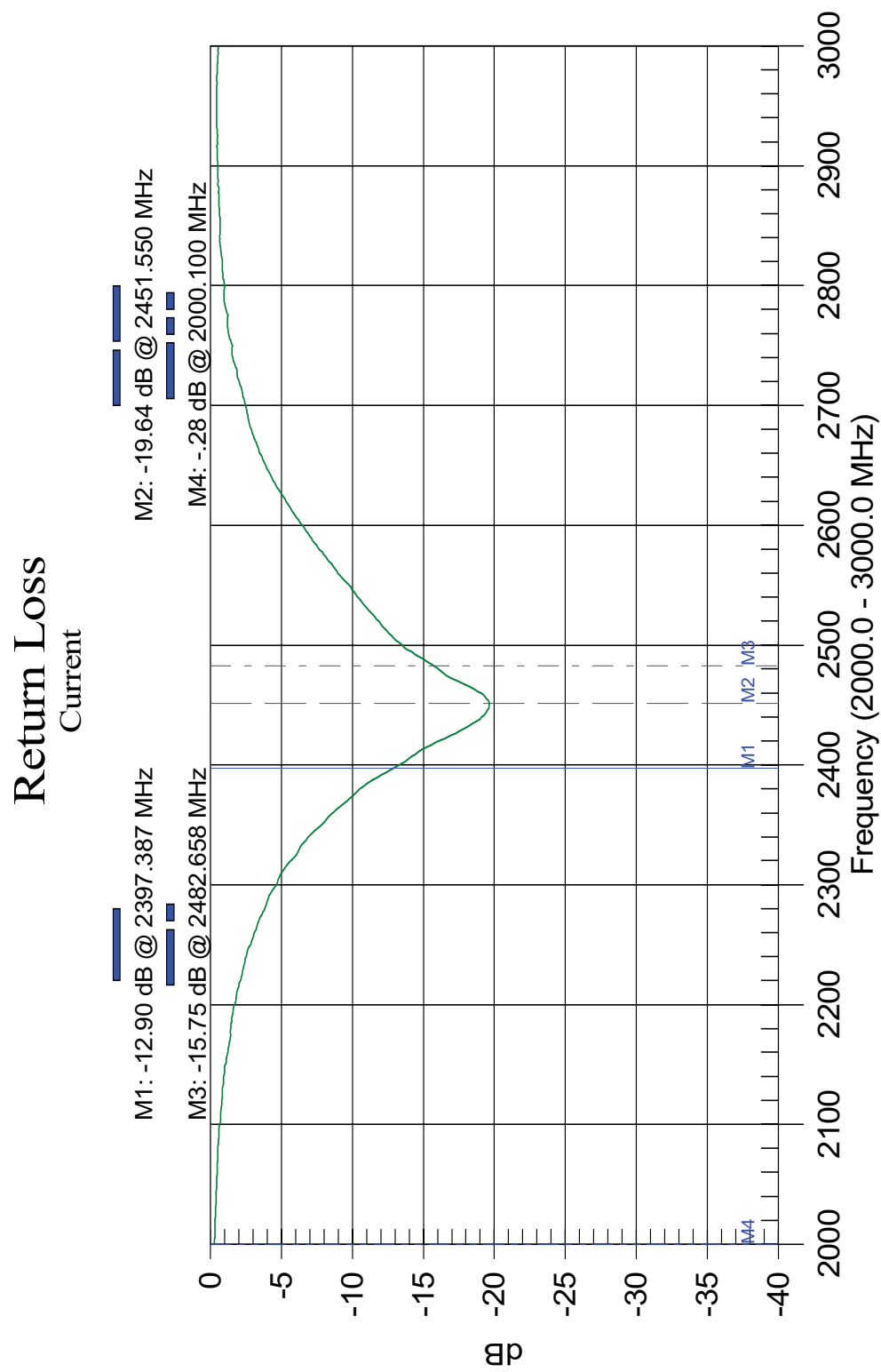
Manufacturer: PRIMST (CHUZHOU) INNOVATION CO., LTD

Part No.:STB135

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	50 Ω

2.Return Loss and Smith Chat



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

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

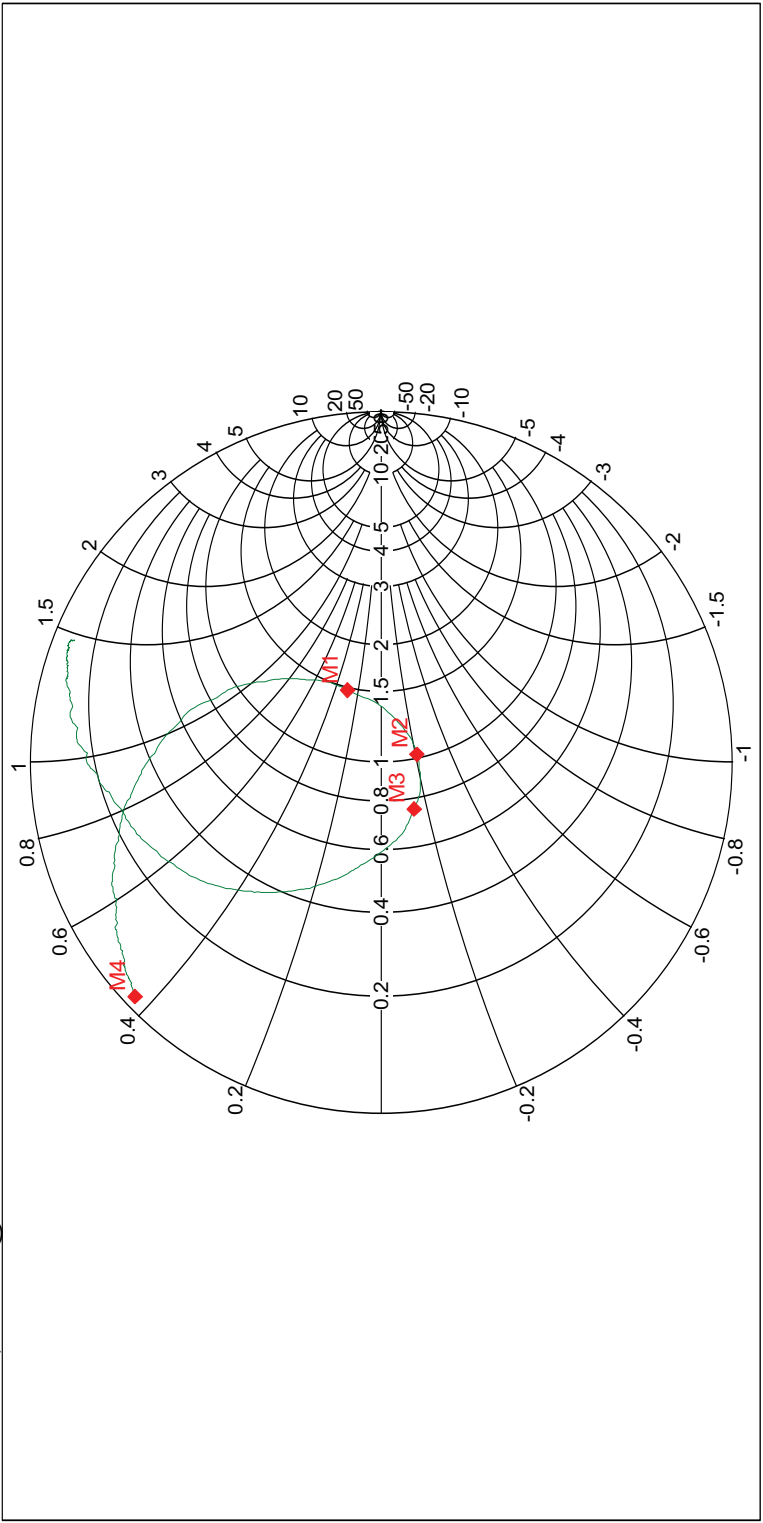
CW: ON

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

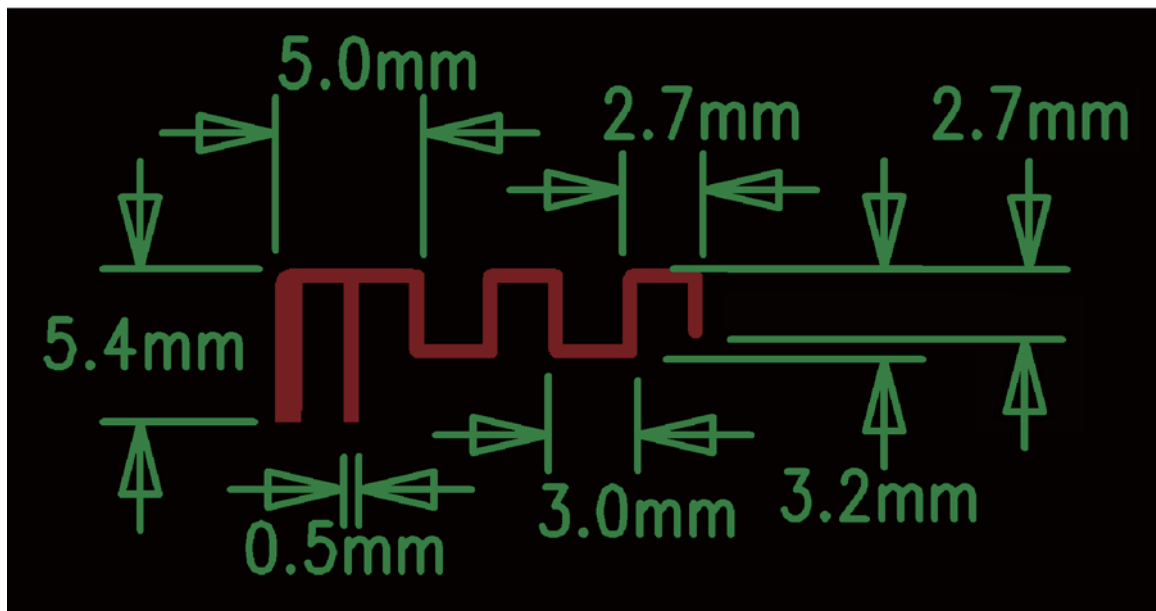


Resolution: 517
Date: Sep/02/2009
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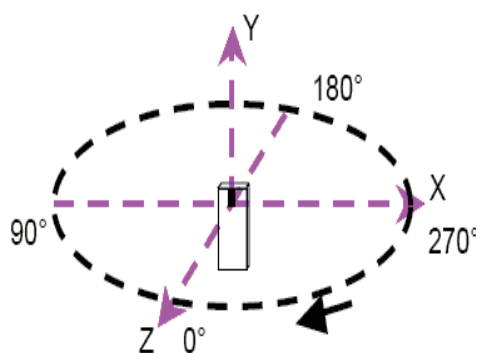
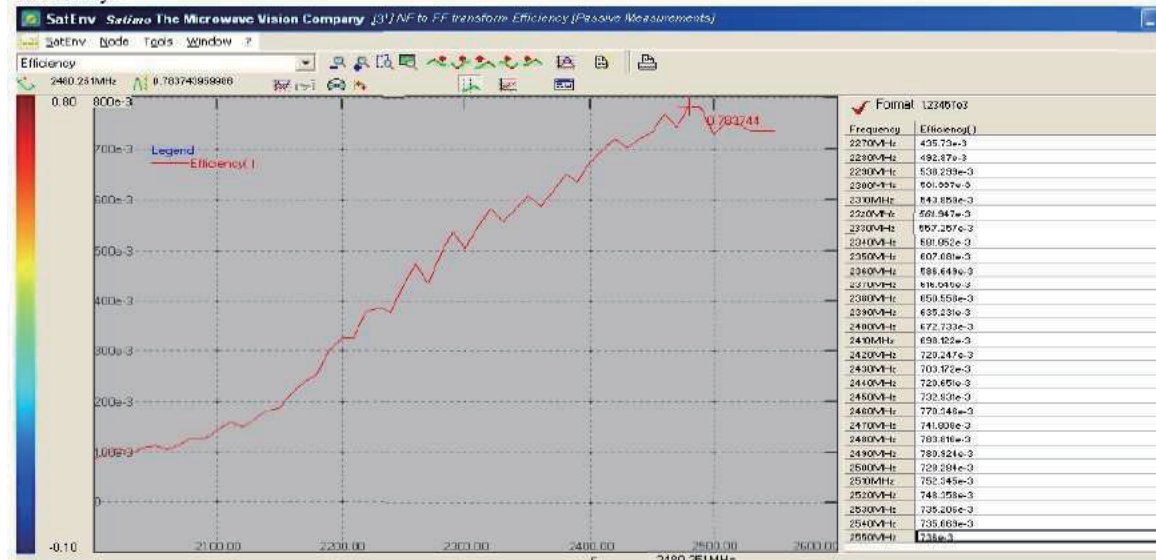
FlexCAL:ON(COAX)
Time: 14:16:43
Serial #: 00924093

CW ON
Prop. Vel.: 800

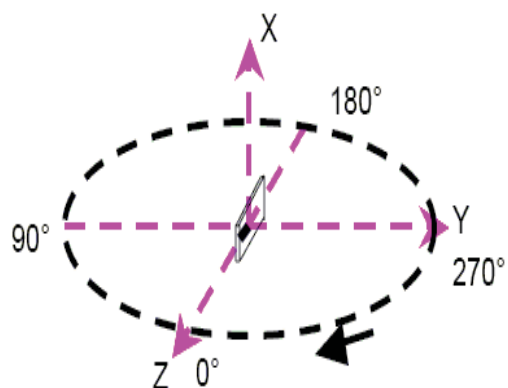
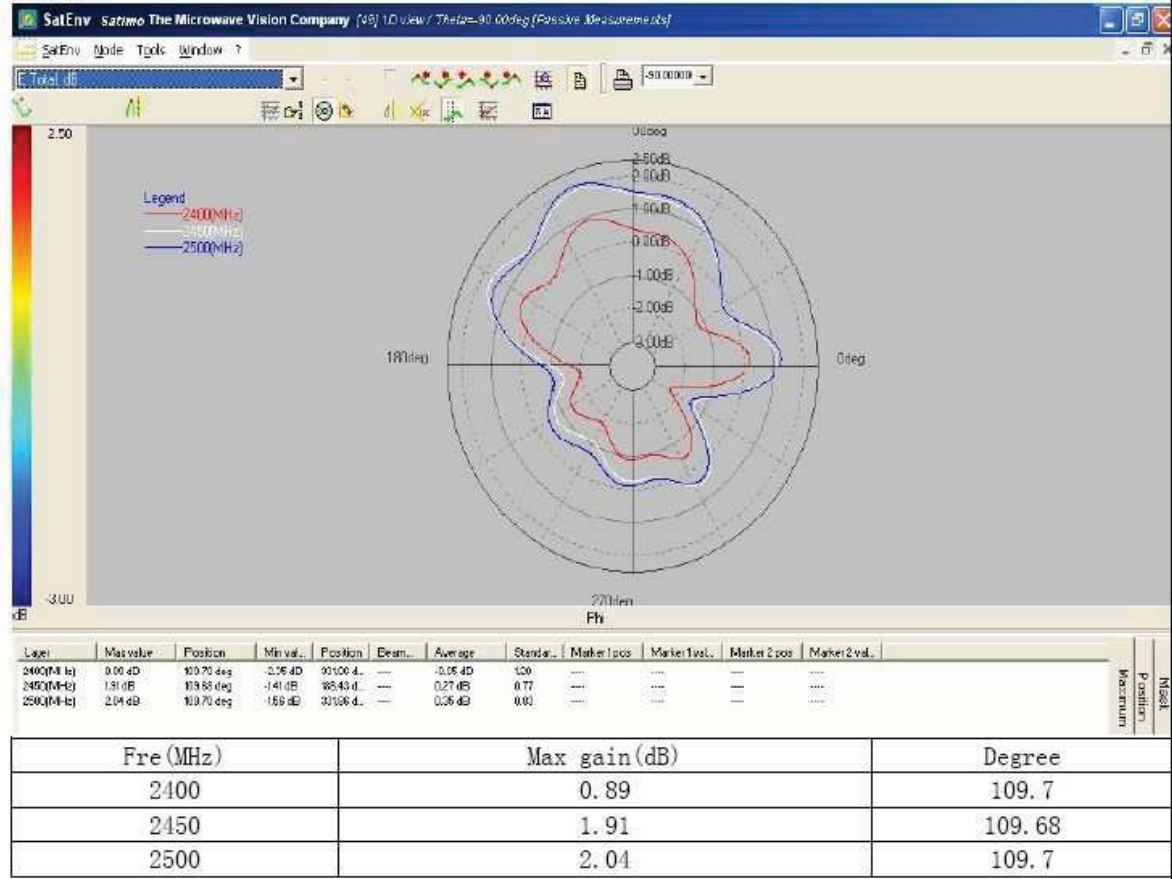
4. Shape of the antenna



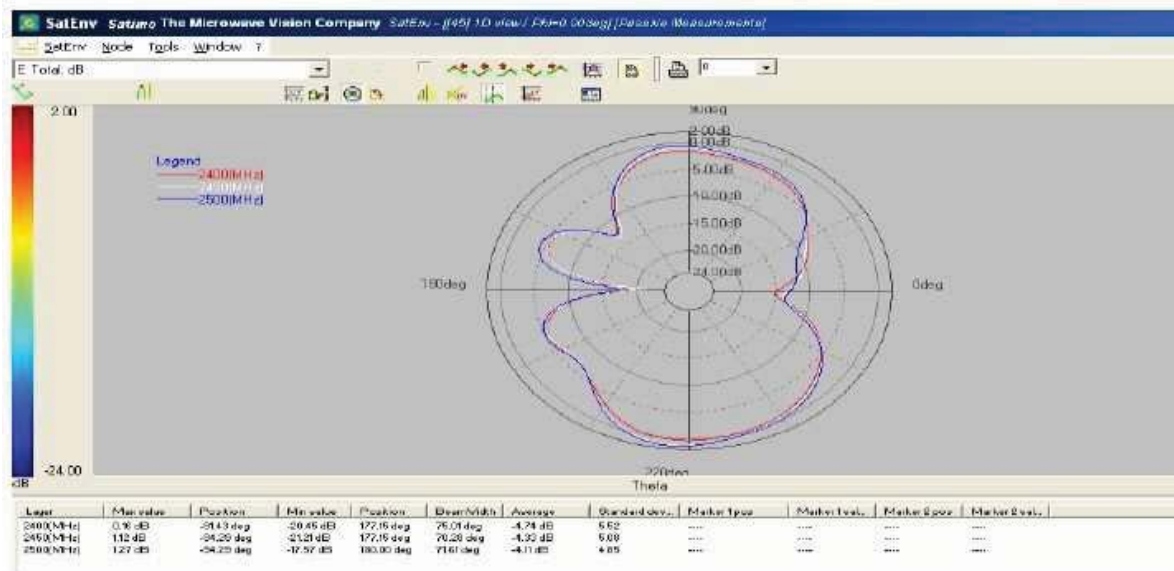
Efficiency:



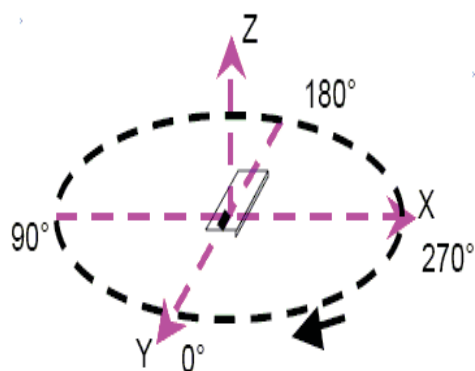
H pattern:



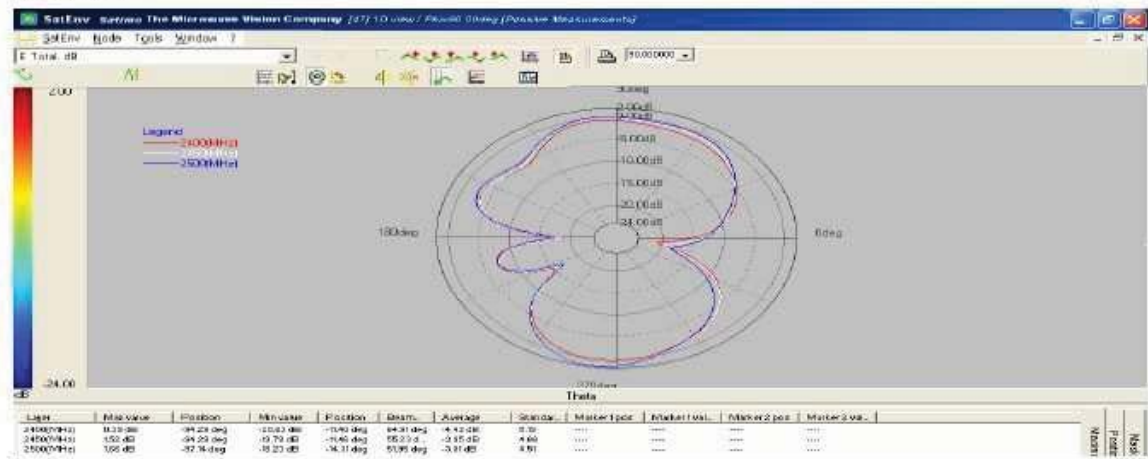
E1 pattern:



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



E2 pattern:



END