Antenna Specifiation for STB135

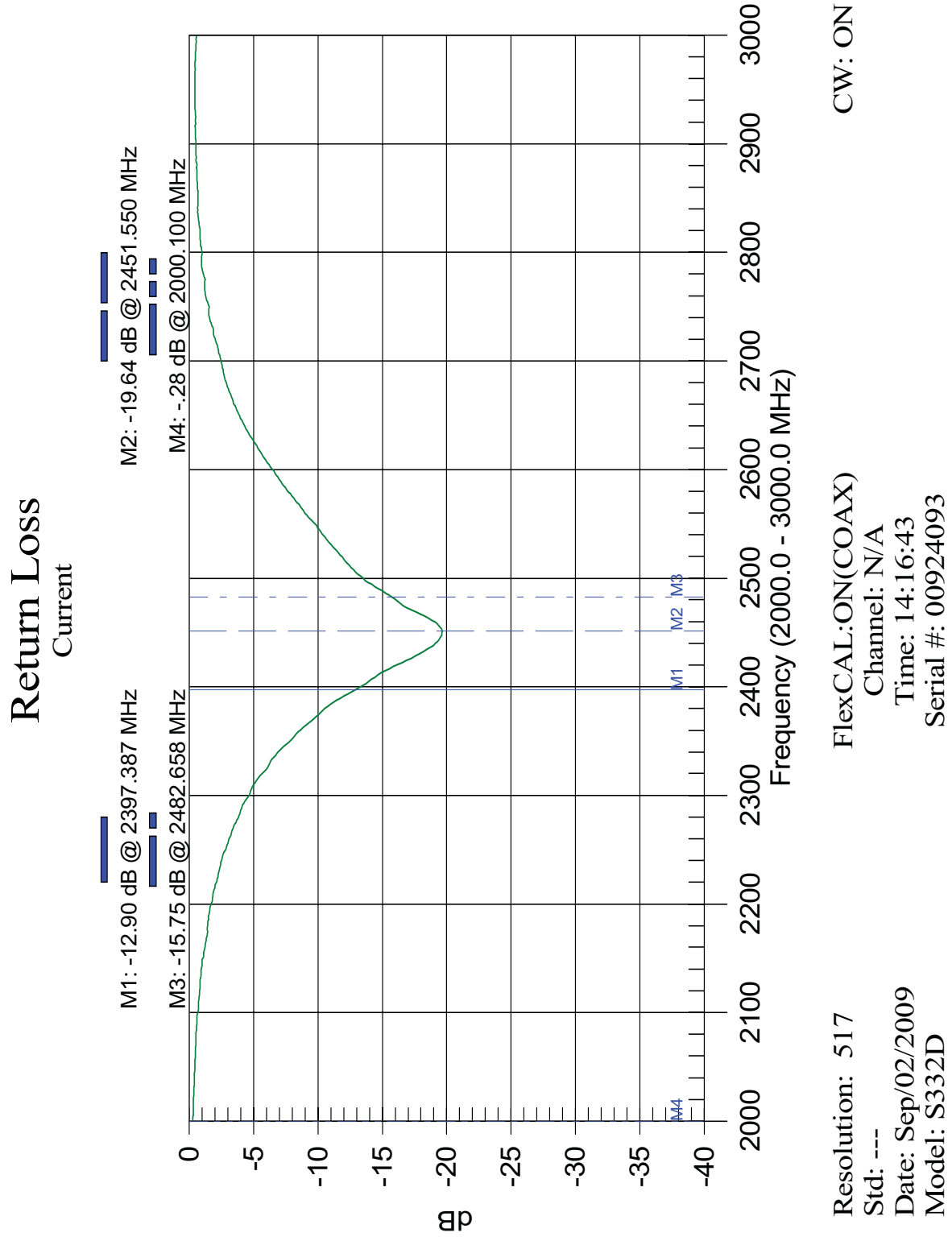
Manufacturer: PRIMST (CHUZHOU) INNOVATION CO., LTD

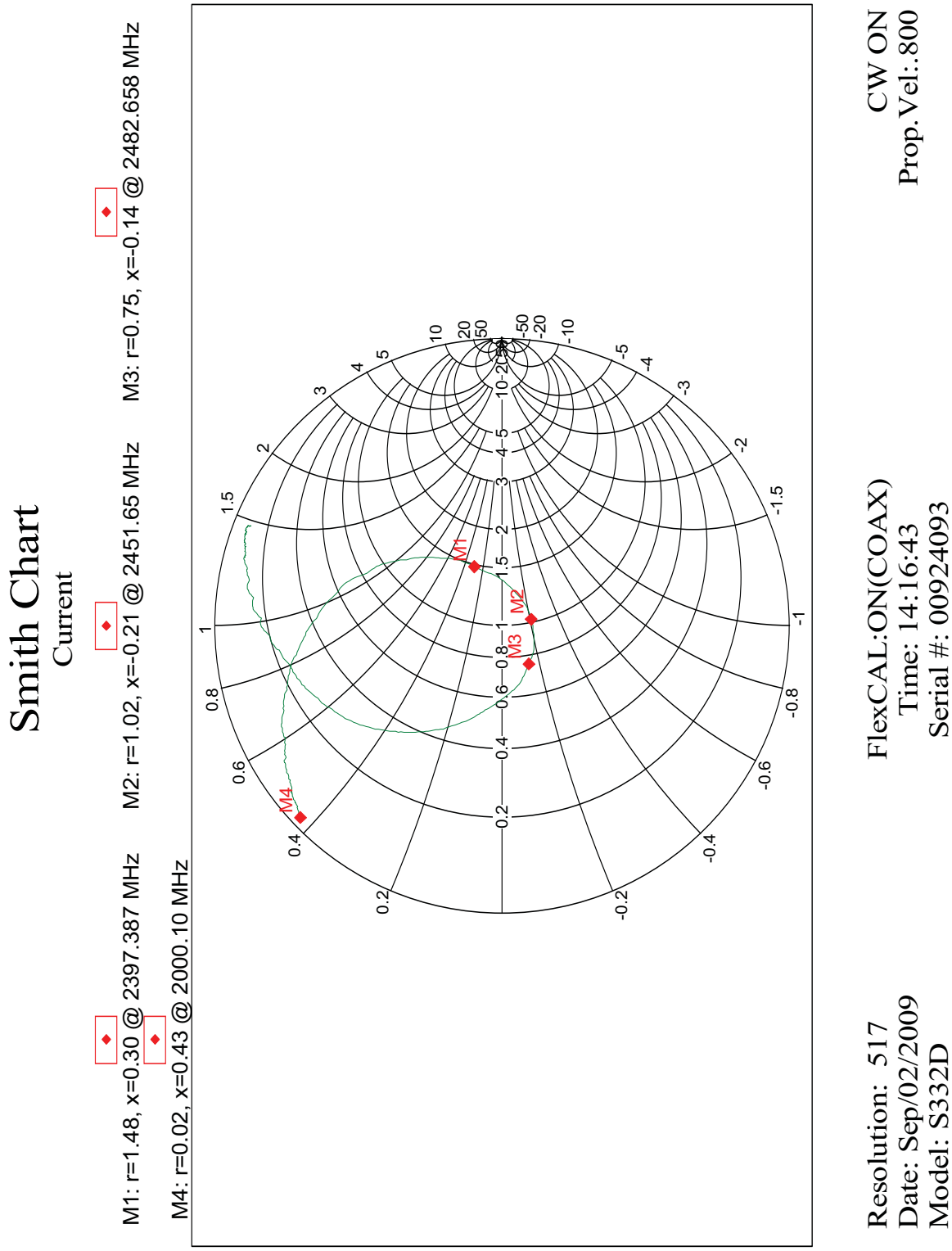
Part No.:STB135

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

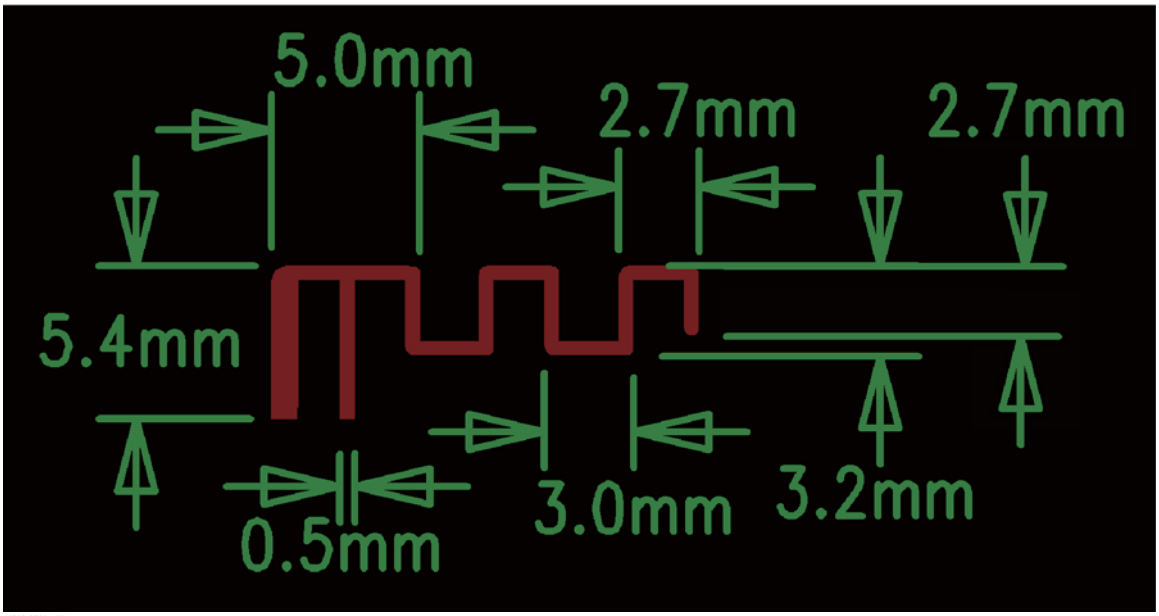
2.Return Loss and Smith Chat



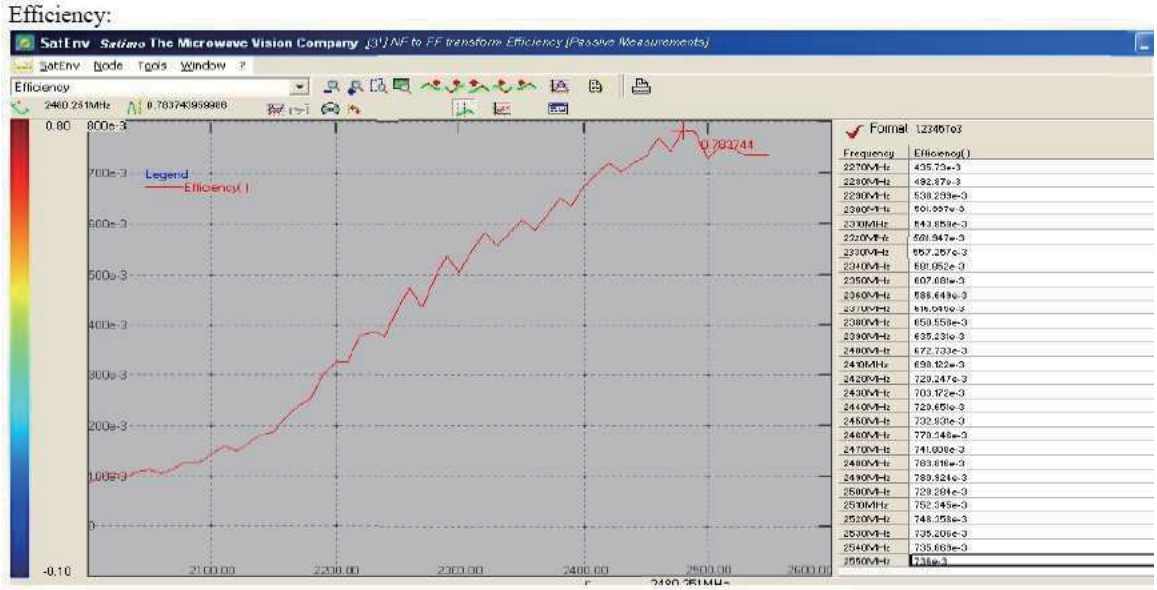


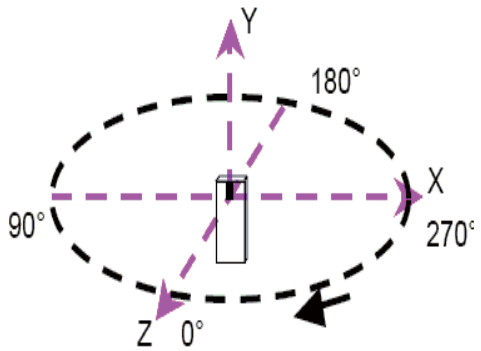
3. Physical Test Environment
Antitsu S332D

4. **Shape of the antenna**

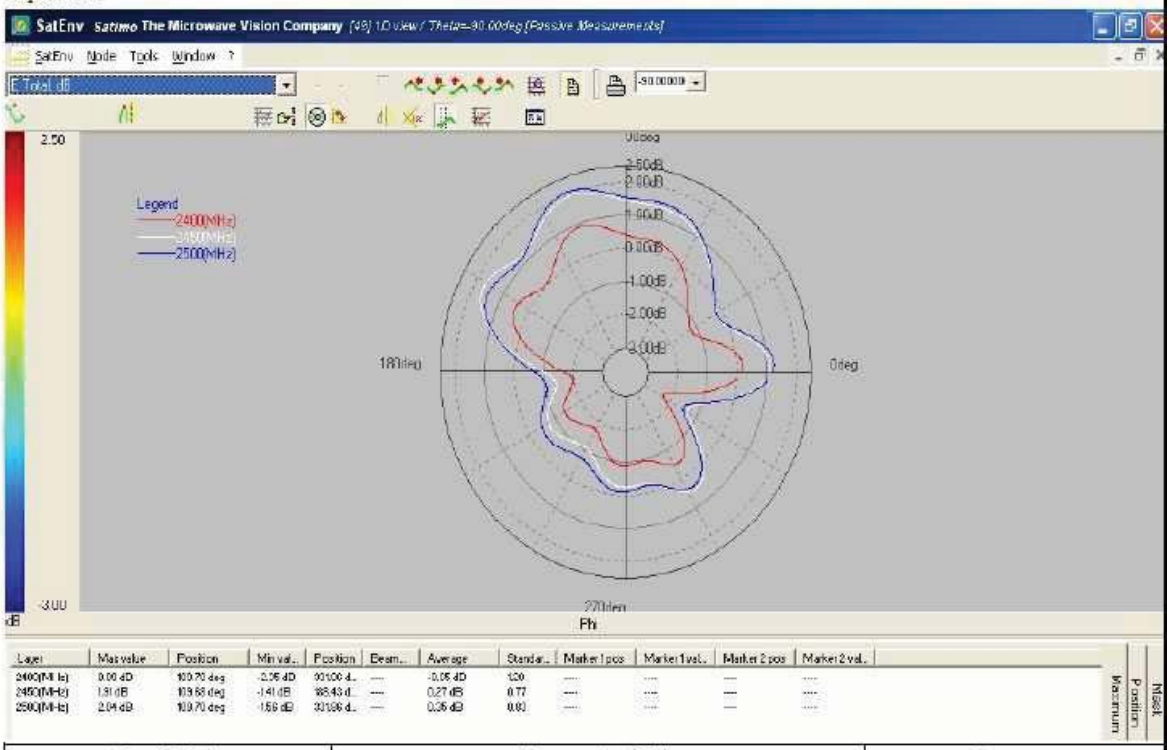


Efficiency:

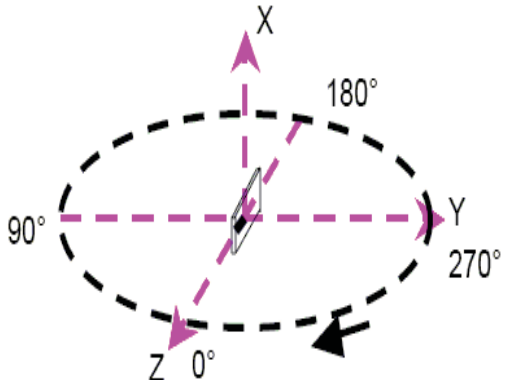




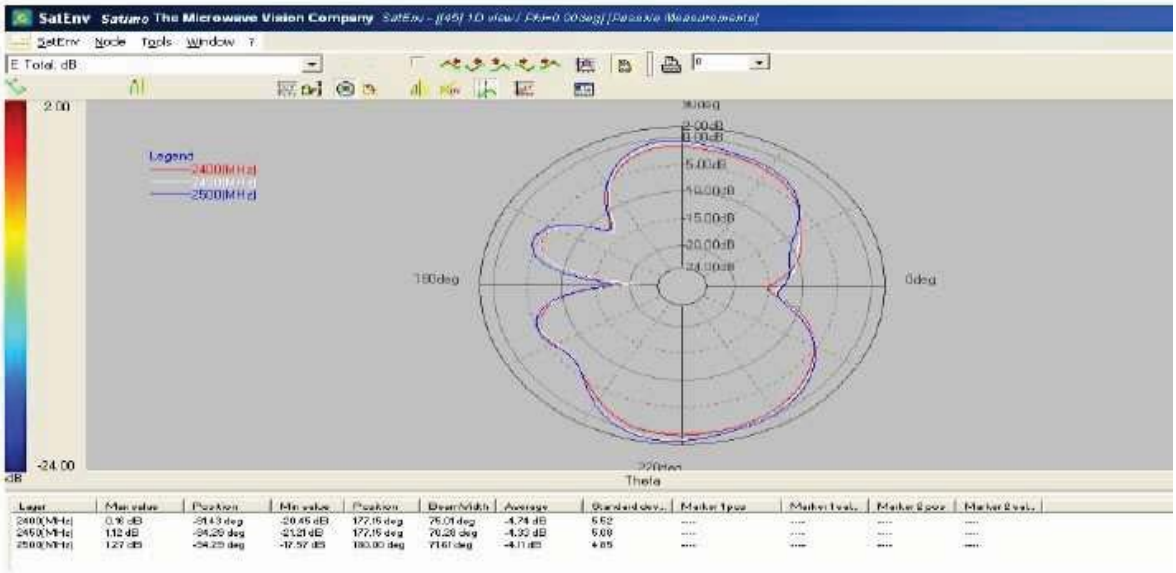
H pattern:



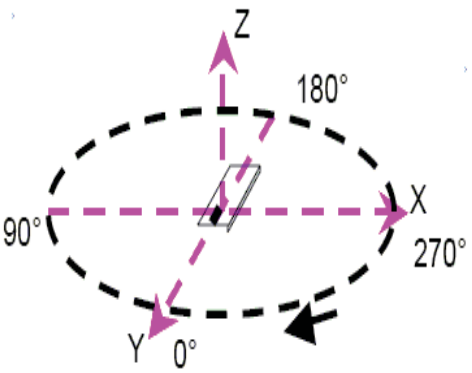
Fre(MHz)	Max gain(dB)	Degree
2400	0.89	109.7
2450	1.91	109.68
2500	2.04	109.7



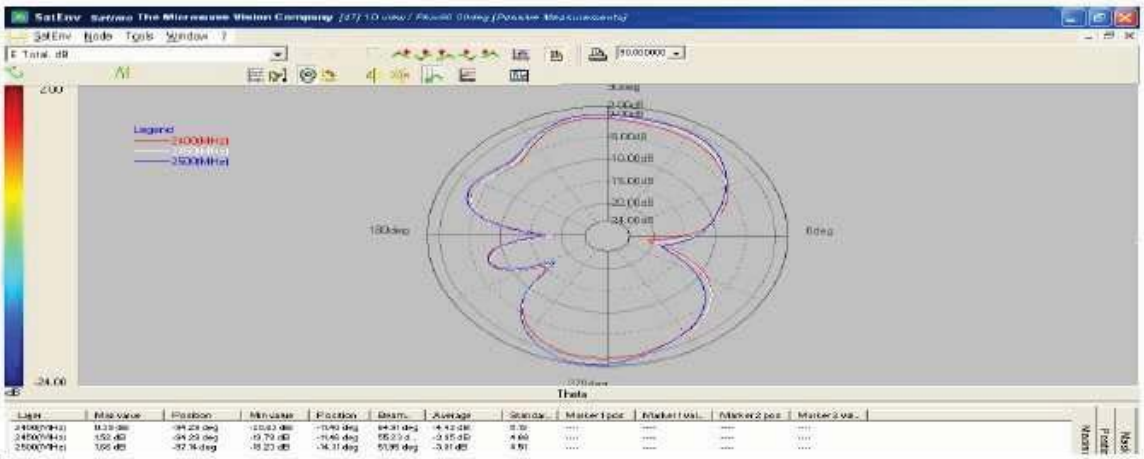
E1 pattern:



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



E2 pattern:



Fre(MHz)	Max gain(dB)	Degree
2400	0.39	-94.29
2450	1.52	-94.29
2500	1.66	-97.14

END