

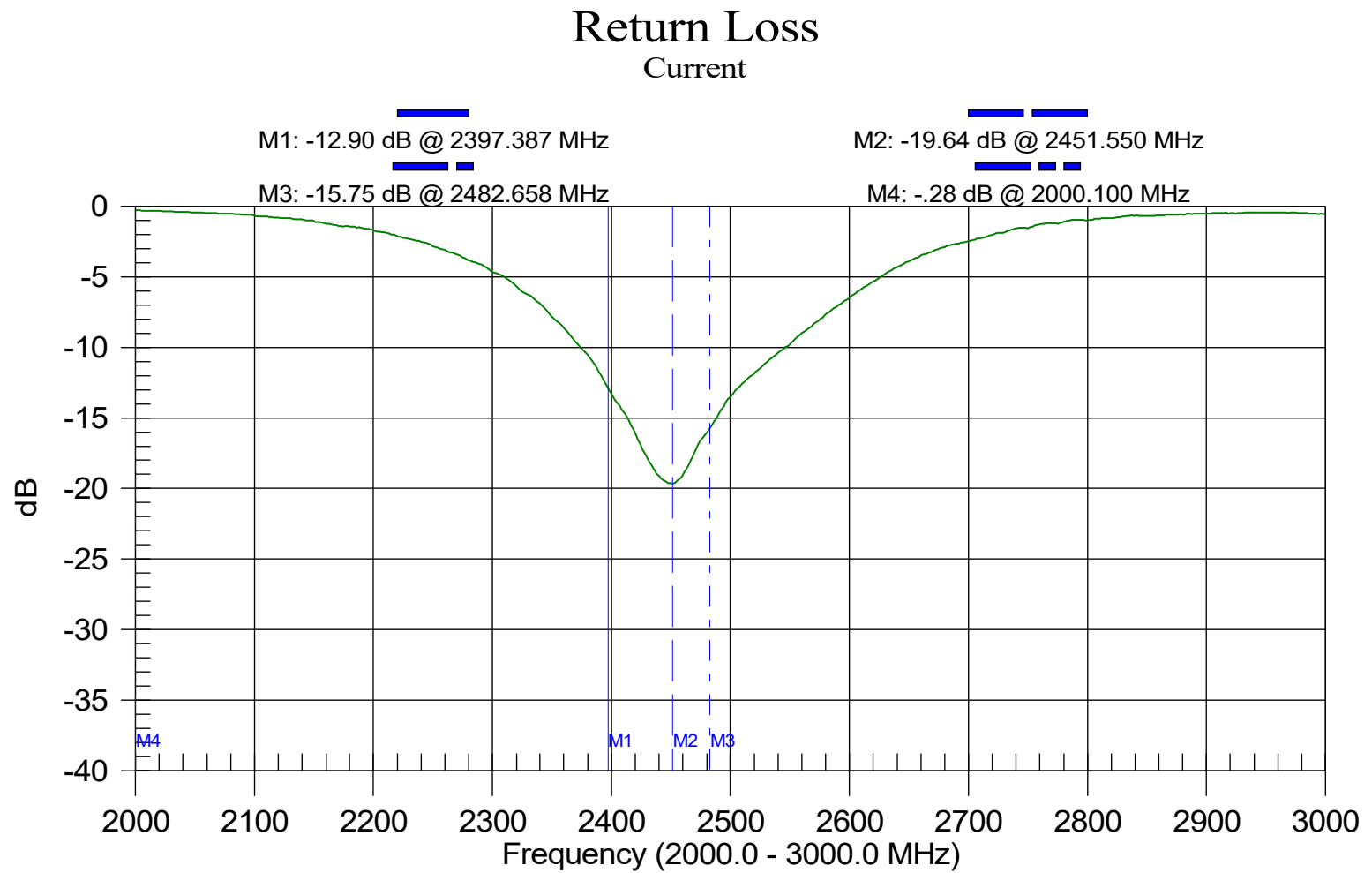
product model name_antenna model name_PCB Antenna

Test Equipment: PCB Antenna

Antenna model name: PCB Antenna

1. Electrical Characteristics

No.	Item	Specifications
1	Working Central Frequency	2450 MHz
2	Band Width	± 75 MHz (2375 ~ 2525MHz)
3	Gain	2dBi
4	V.S.W.R (in BW)	≤ 2.0
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance	50 Ω



Resolution: 517
 Std: ---
 Date: Nov/02/2020
 Model: S332D

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

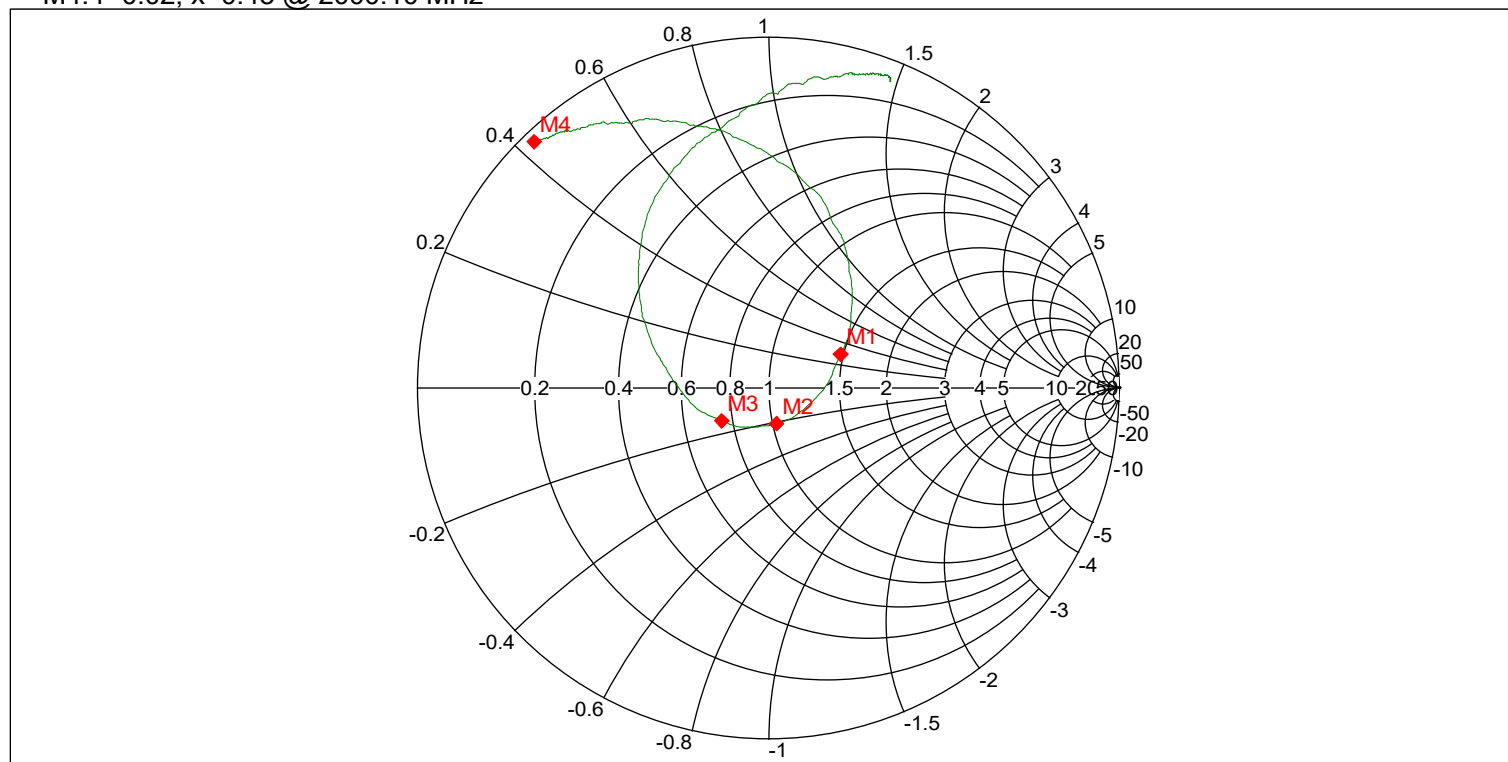
CW: ON

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

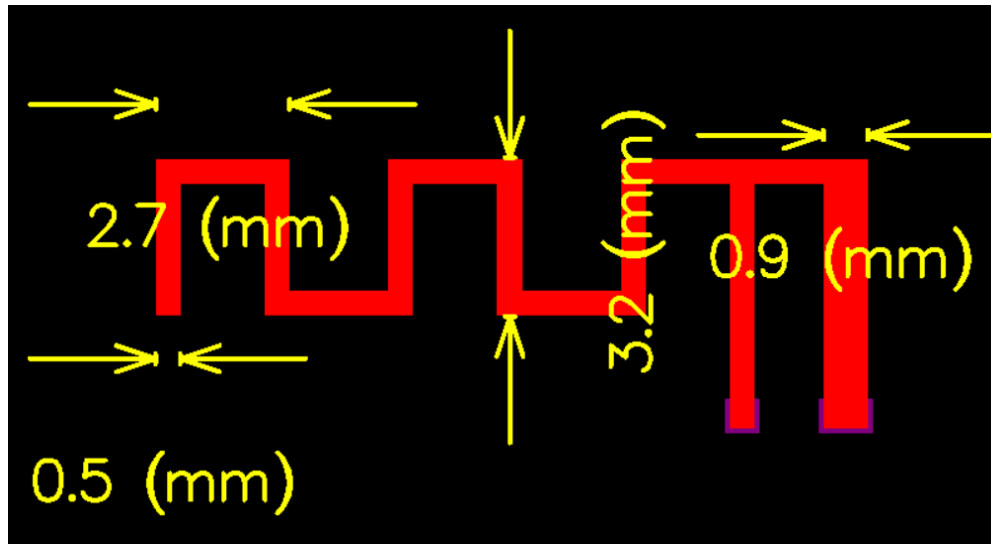


Resolution: 517
Date: Nov/02/2020
Model: S332D

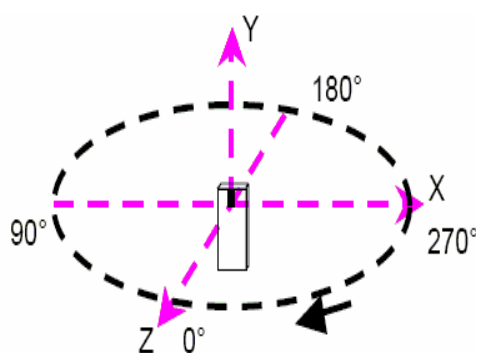
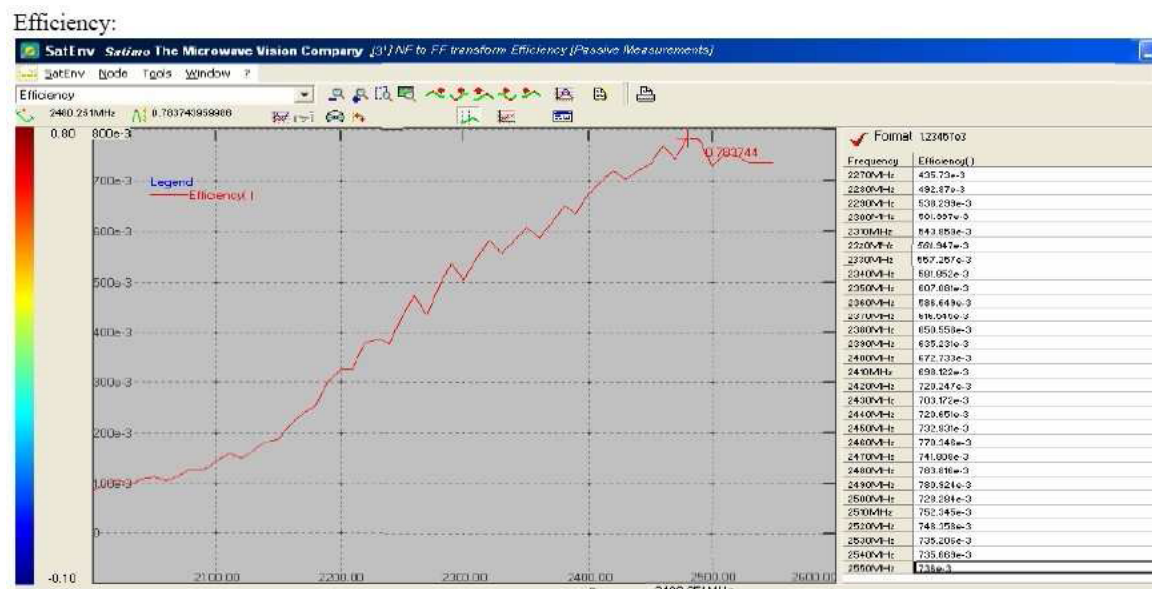
FlexCAL:ON(COAX)
Time: 14:16:43
Serial #: 00924093

CW ON
Prop.Vel: .800

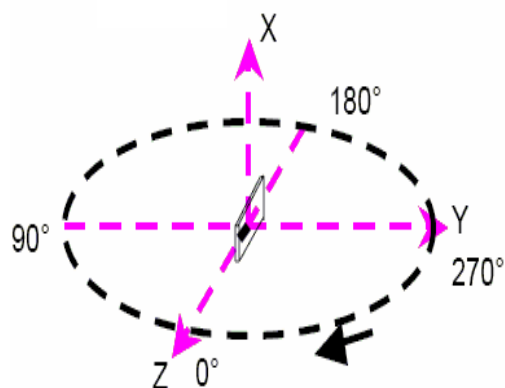
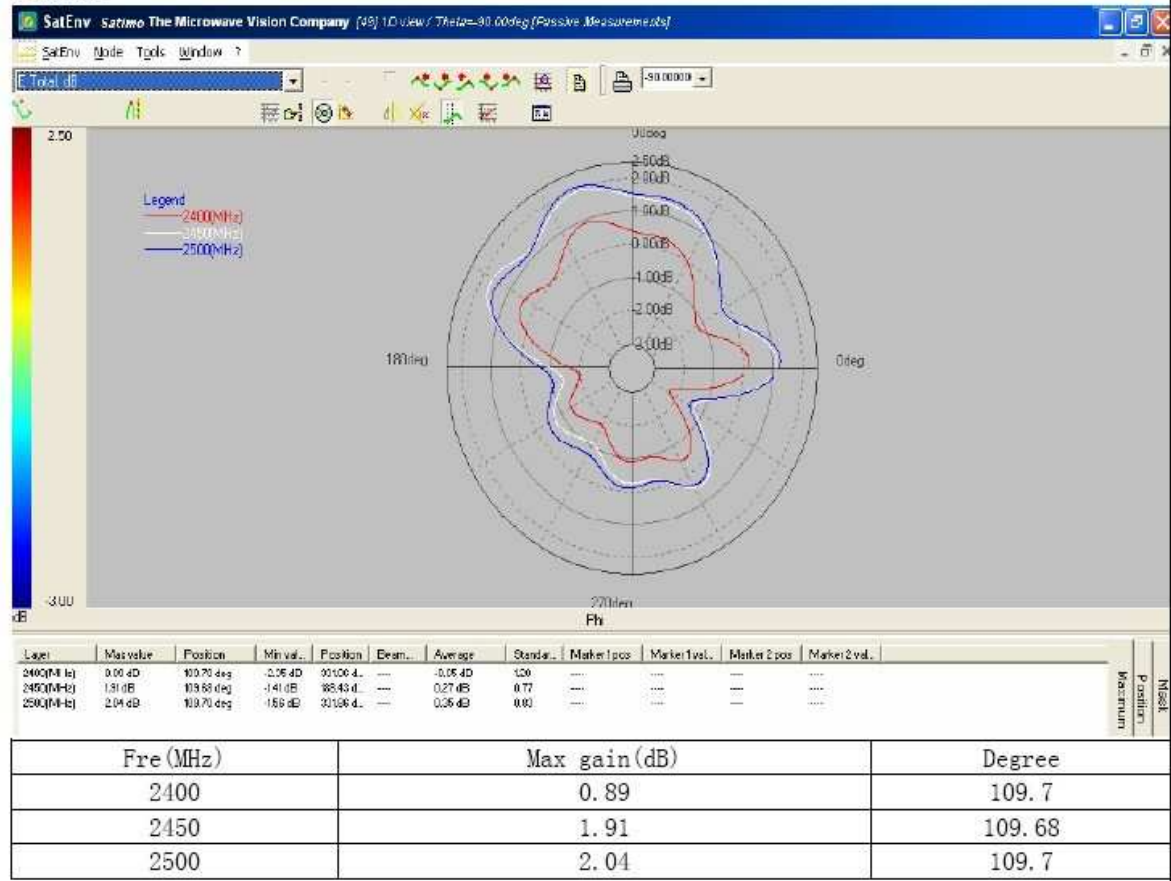
4. Shape of the antenna



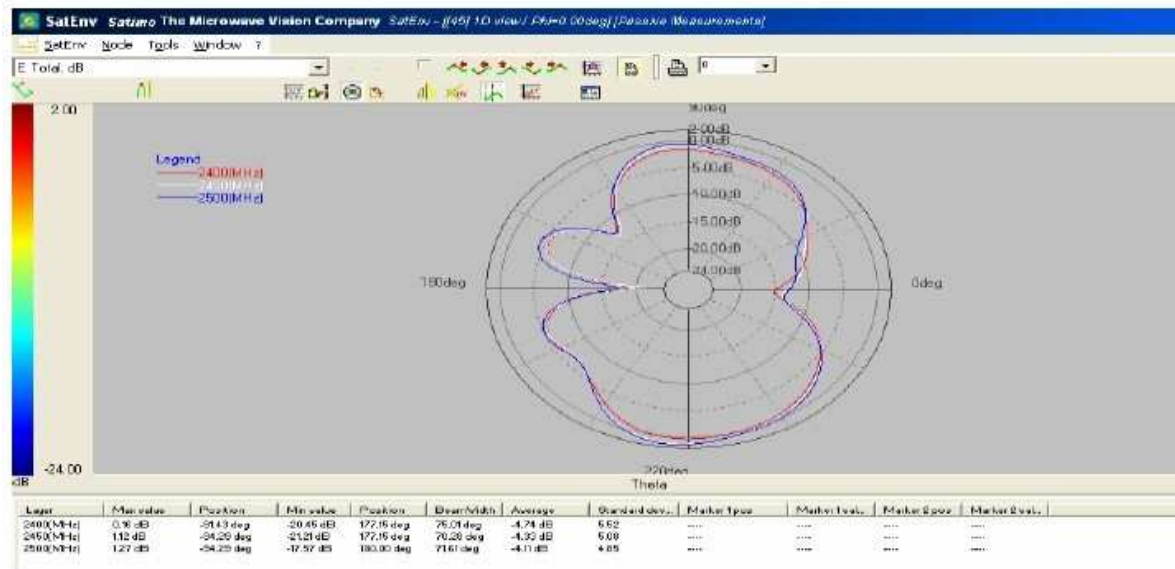
5 Radiation Pattern



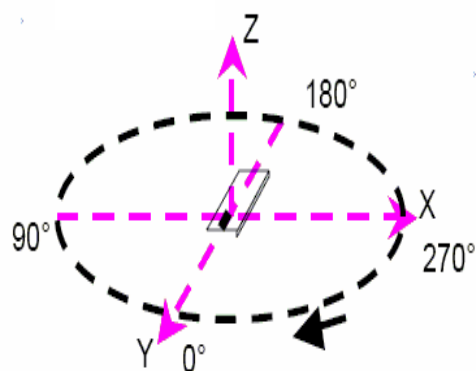
H pattern:



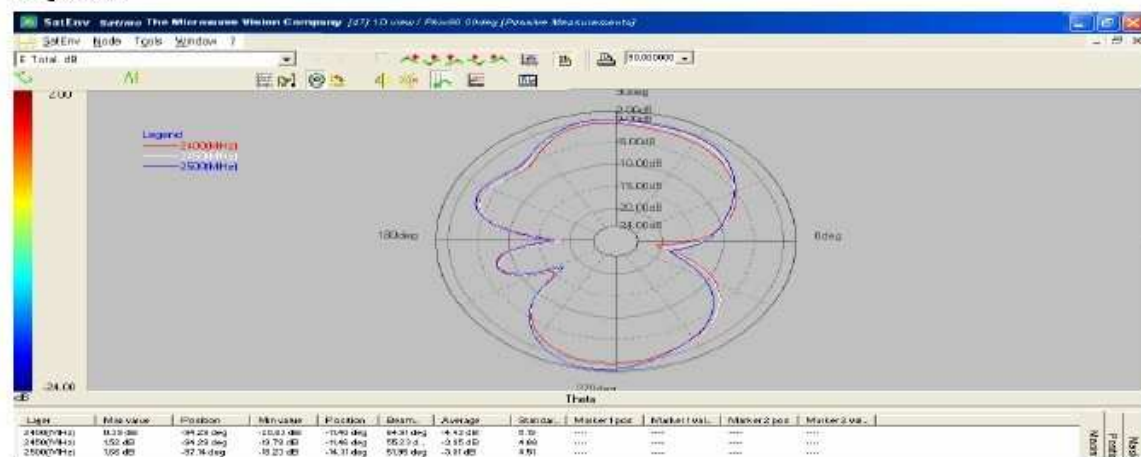
E1 pattern:



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