

Appendix 9.

Antenna Specification

Specifications Sheet

Object	Helical Antenna	REV.	IR	Page	1 of 8
Model Name	WE-2400PO	Date	March 11. 2004		
System	Bluetooth, WLAN	Written by			
Electrical Specifications					
Frequency	2400 ~ 2485 (MHz)				
Band Width	85 (MHz)				
V.S.W.R	1.9 : 1				
Gain (max)	1 (dBi)				
Input Impedance	50 (Ω)				
Polarization	Linear, Vertical				
Mechanical Specifications					
Size	30mm X 9mm (W x D)				
Weight	3.5(g)				
Radiator Material	Copper				
Operation Temperature	-30 ~ 70 (°C)				
Operation Humidity	10 ~ 90 (%)				
Option					
Remarks					

KRD01-00A05-01IR

CH1 MEM SWR 1 / REF 1 25 Oct 2002 01:41:46 3: 1.1986 2 483.500 000 MHz

Cor

↑

hp

CH1 Markers

- 1: 1.5675
- 2: 400.0000 GHz
- 3: 1.0880
- 2: 440.0000 GHz

CENTER 2 440.000 000 MHz 2

SPAN 180.000 000 MHz 3

Fig 2. Return loss

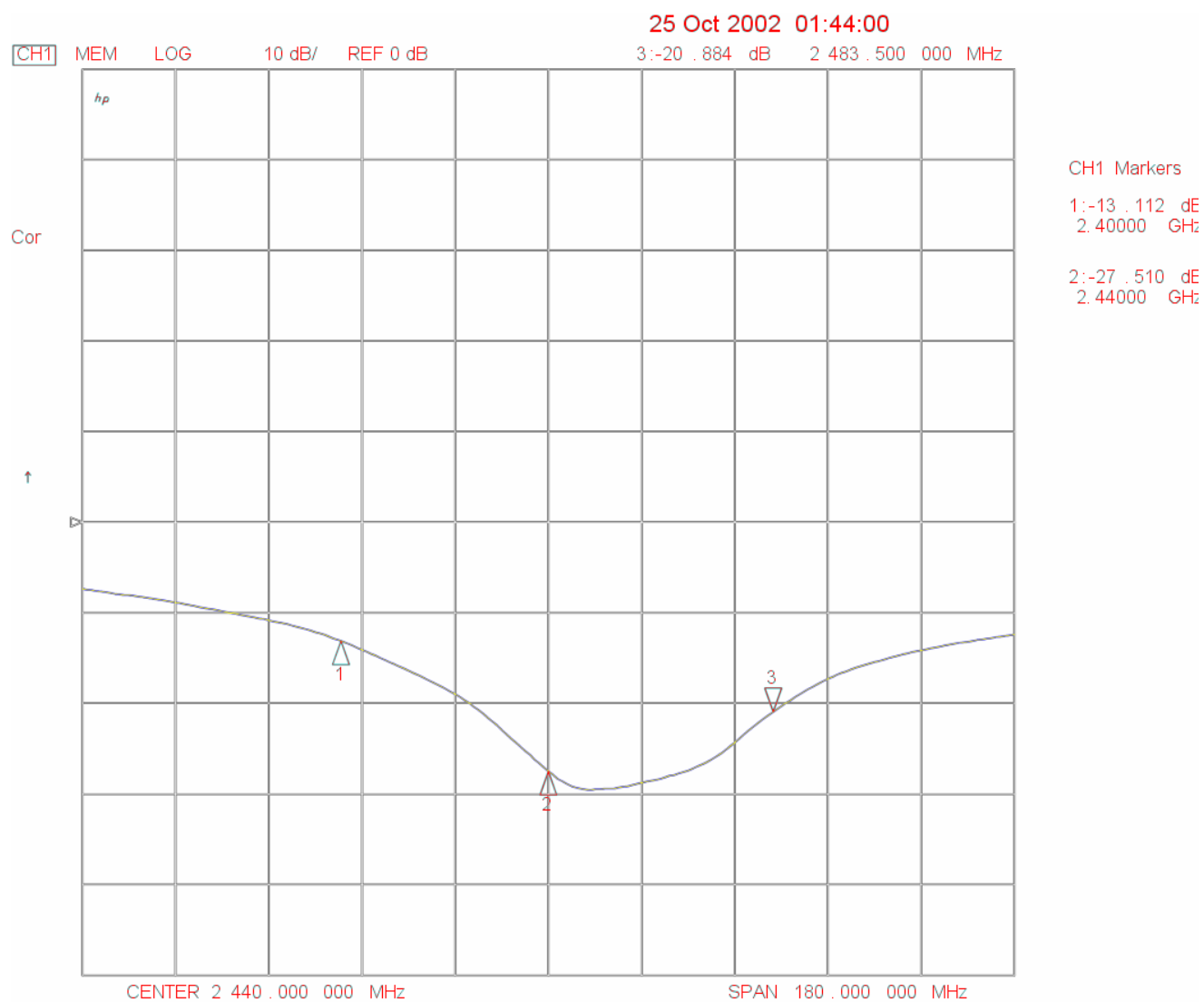


Fig 3. Smith Chart

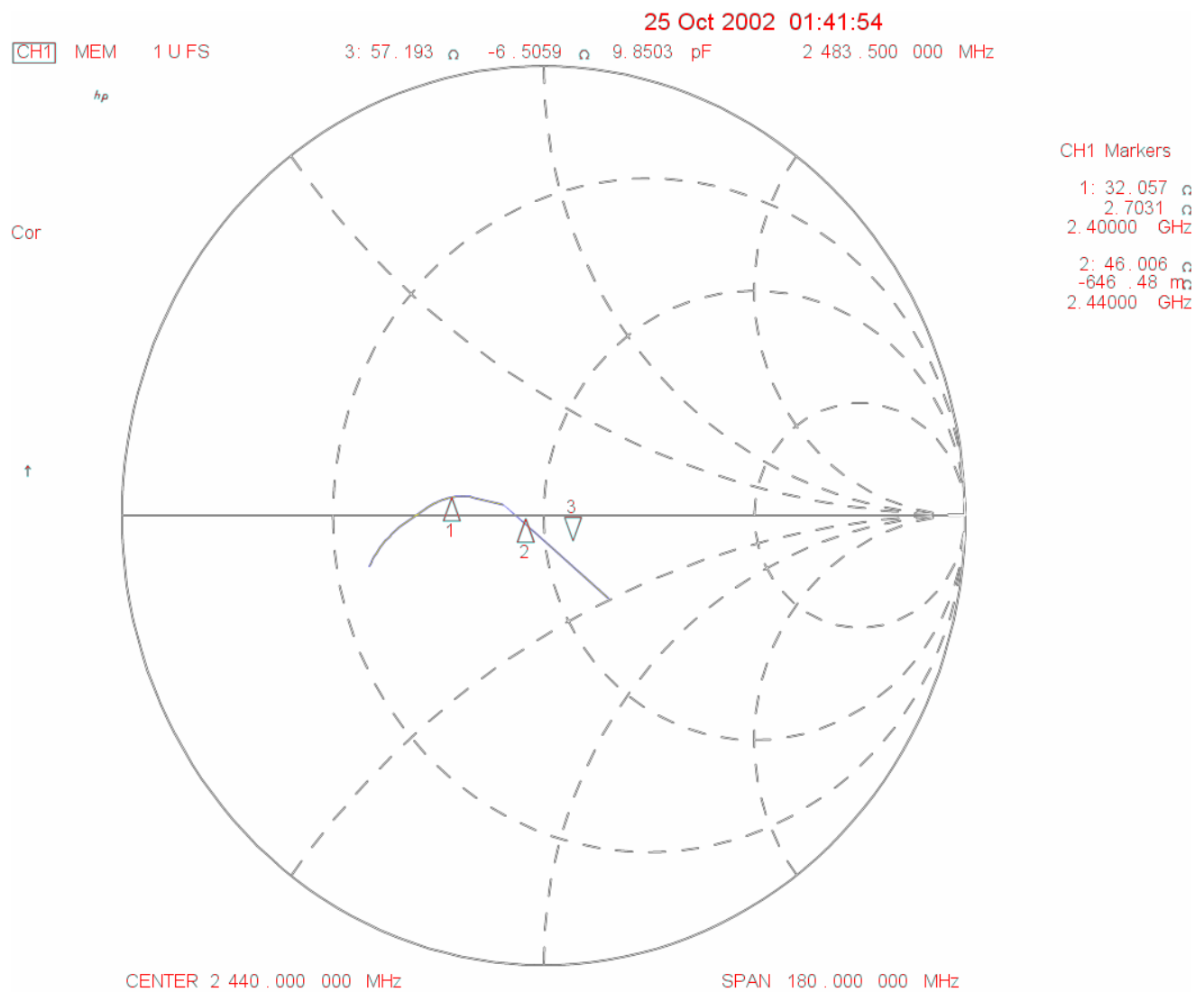
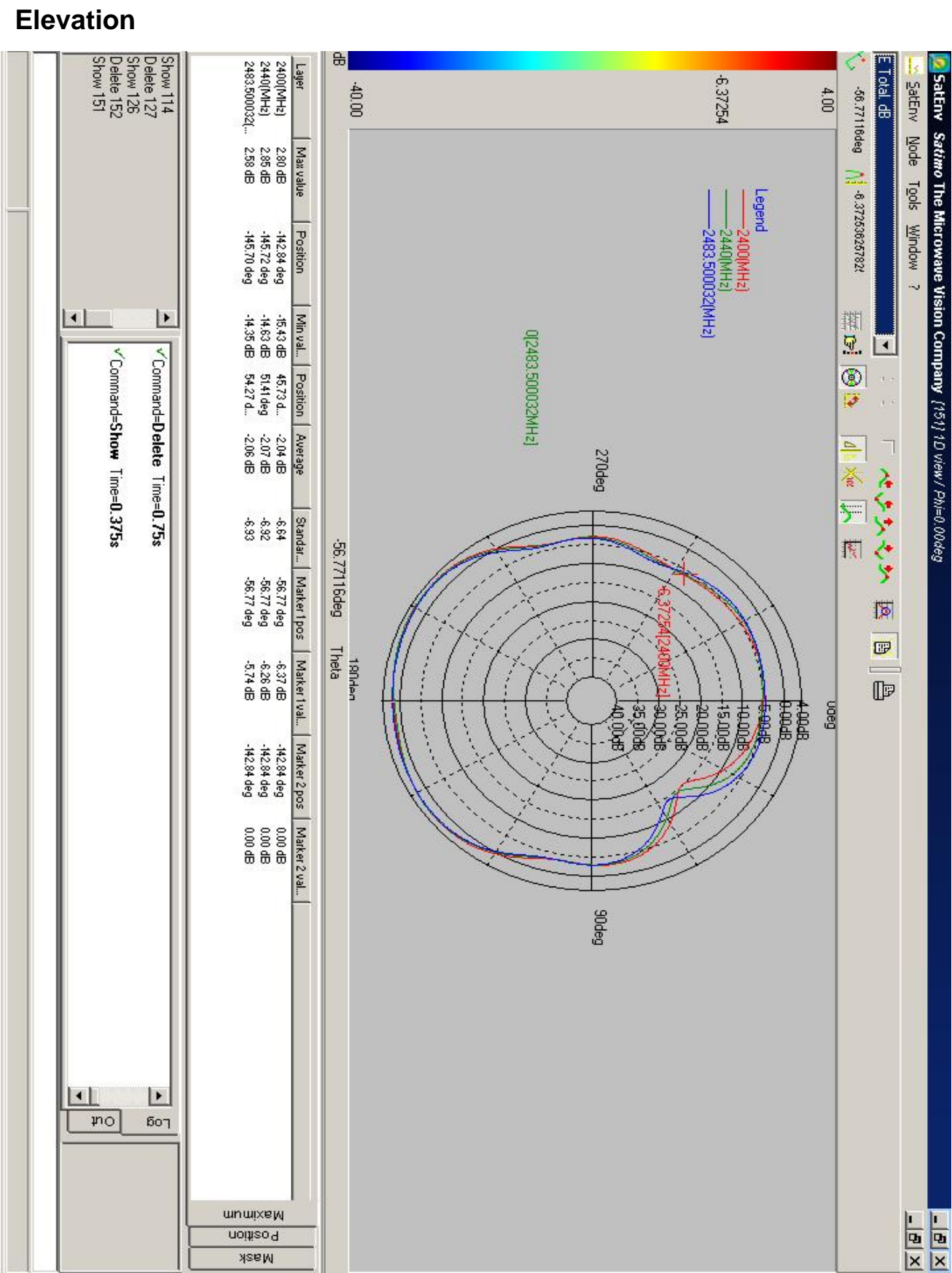


Fig 4. Radiation Pattern



Azimuth

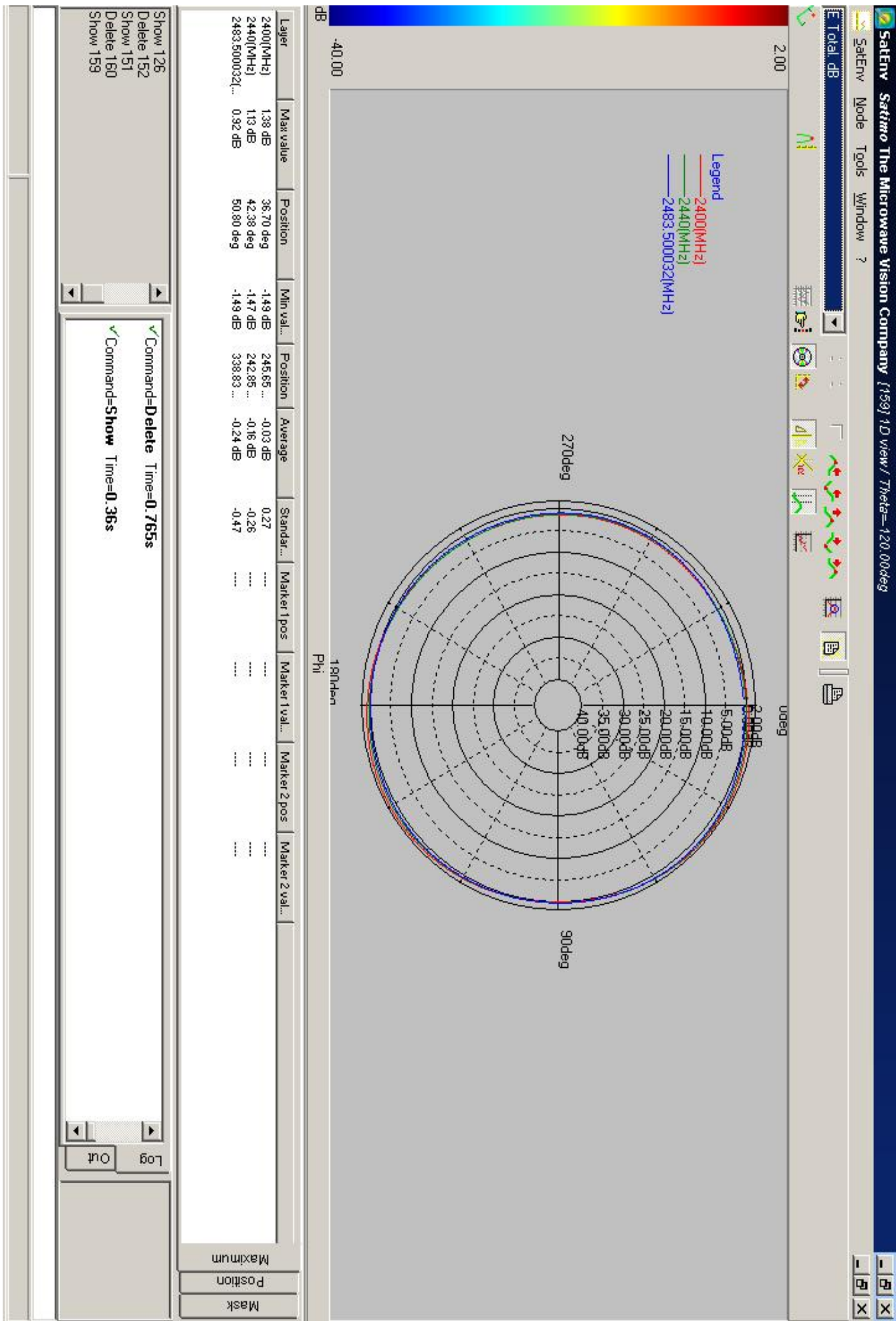


Fig 5. Mechanical Drawing

