Antenna Specification Sheet

Item	Remark
Product Name	Helical Antenna
Antenna Model Name	WE-2400PO
Frequency Band	2400 MHz ~ 2485 MHz
Antenna Gain	1.0 dBi (Peak Gain)
Connector Type	Reverse Polarity SMA Connector

[Location within EUT]

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 (℃)
Operation Humidity	10 ~ 90 (%)

Option	
Remarks	

Fig 1. VSWR

Fig 2. Return loss

25 Oct 2002 01:44:00

CH1 MEM   LOG   10 dB/   REF 0 dB   3:-20 .884 dB   2 483 .500 000 MHz

hp

Cor

CH1 Markers

1:-13 .112 dE
 2. 40000   GHz

2:-27 .510 dE
 2. 44000   GHz

1

2

3

CENTER 2 440 . 000 000 MHz   SPAN 180 . 000 000 MHz
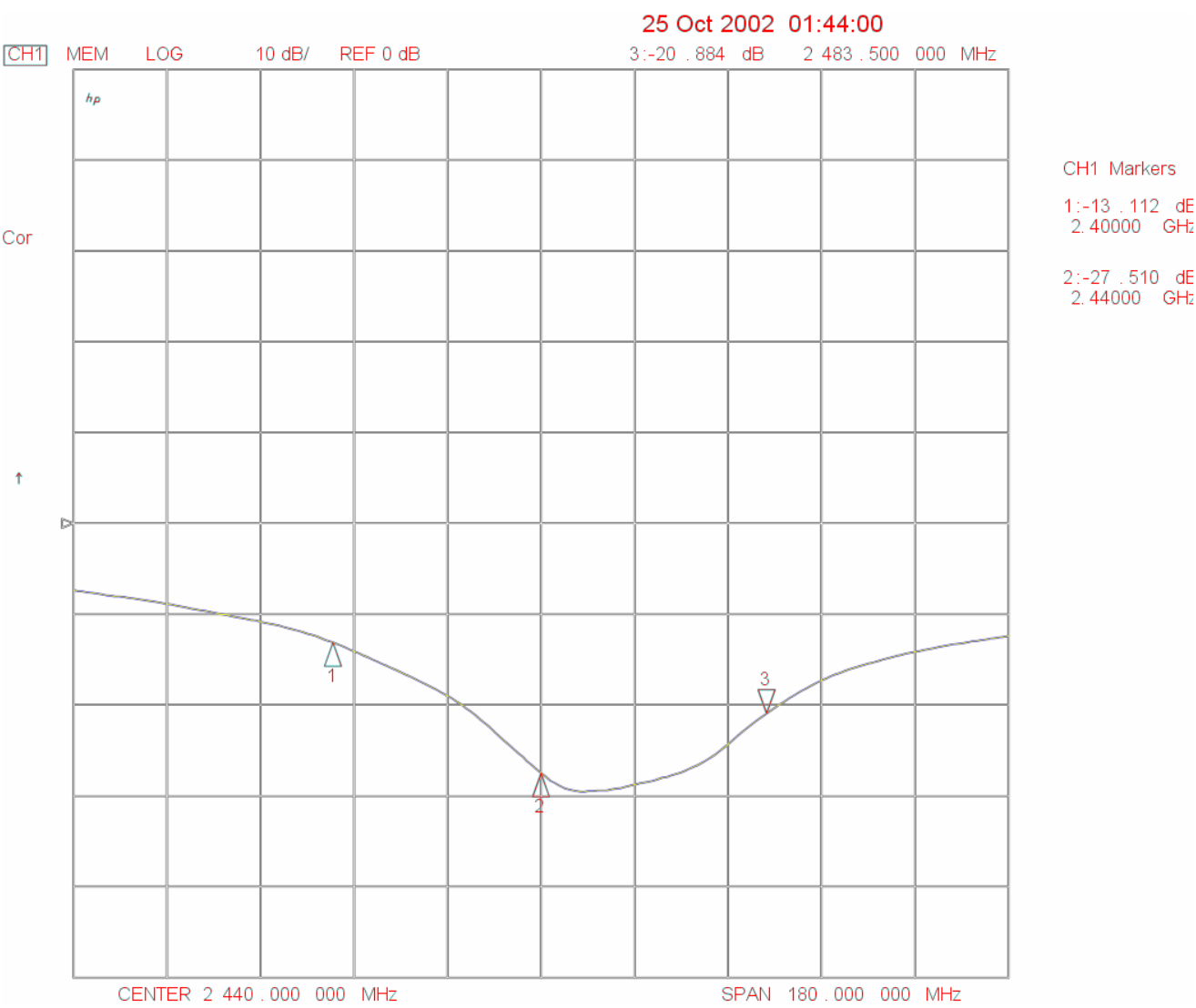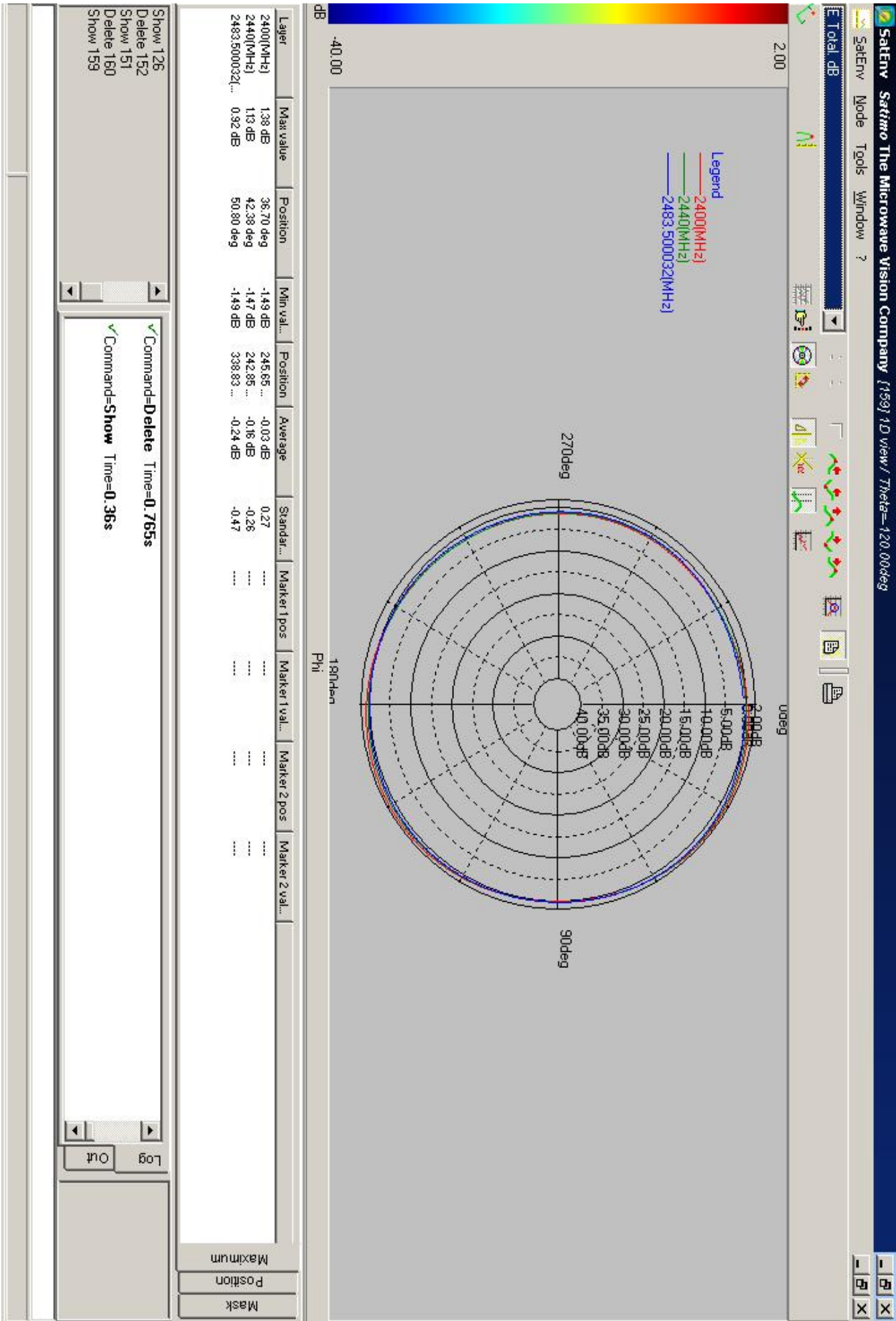
Fig 3. Smith Chart
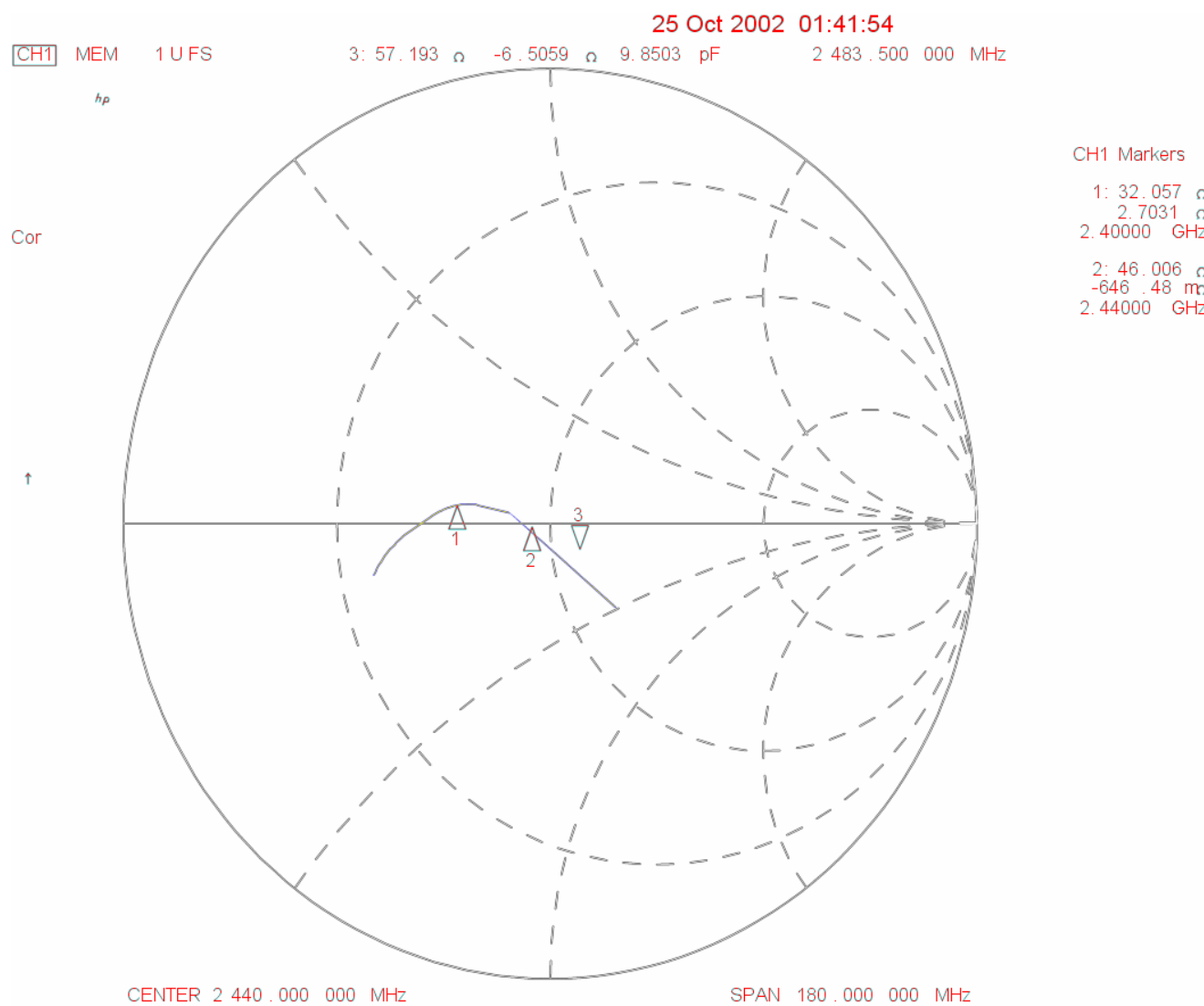
Fig 4. Radiation Pattern

Elevation
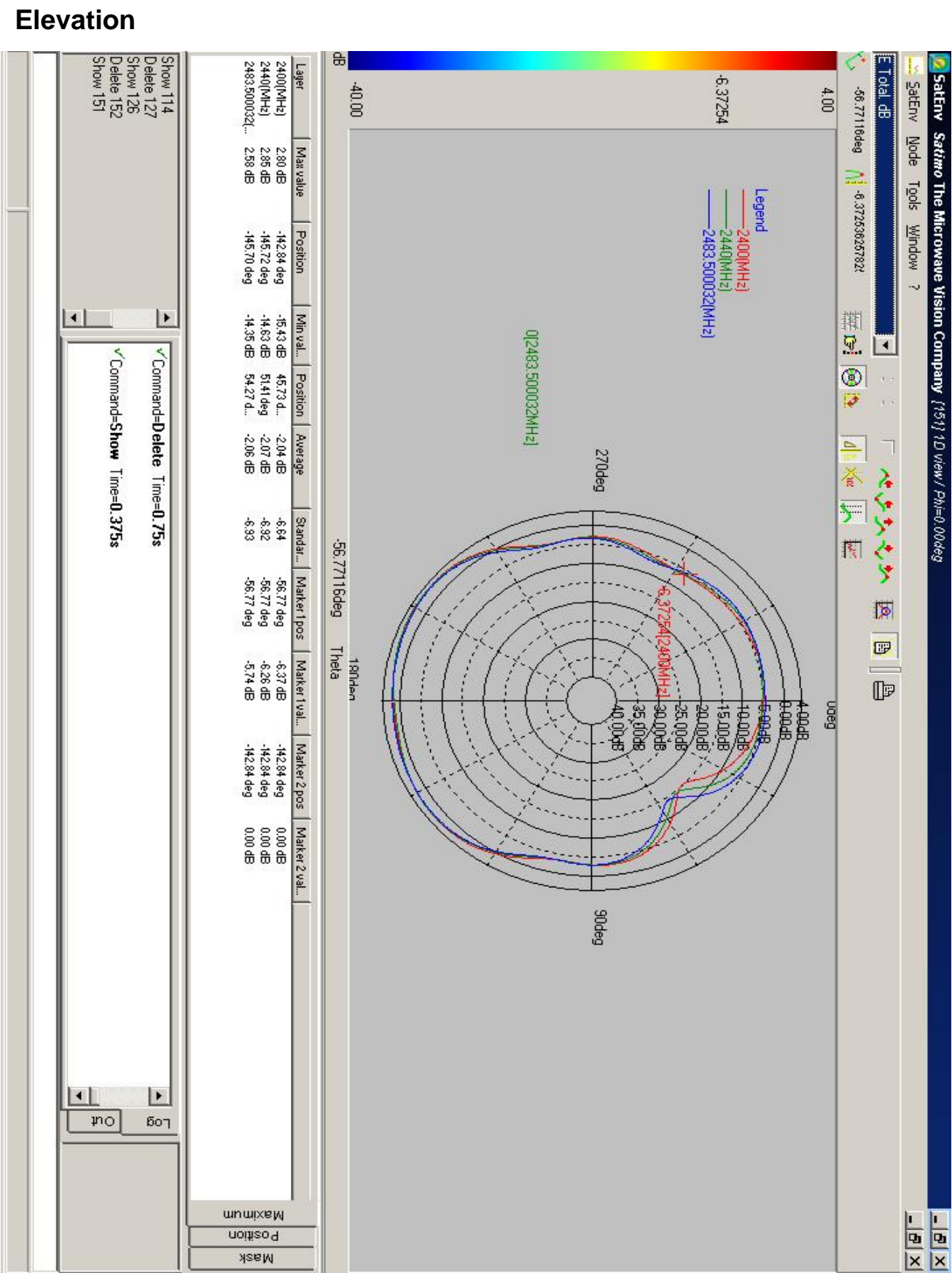
Azimuth

Fig 5. Mechanical Drawing