

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 ($^{\circ}$ C)				
Operation Humidity	10 ~ 90 (%)				
Option					
Remarks					

Fig 1. VSWR

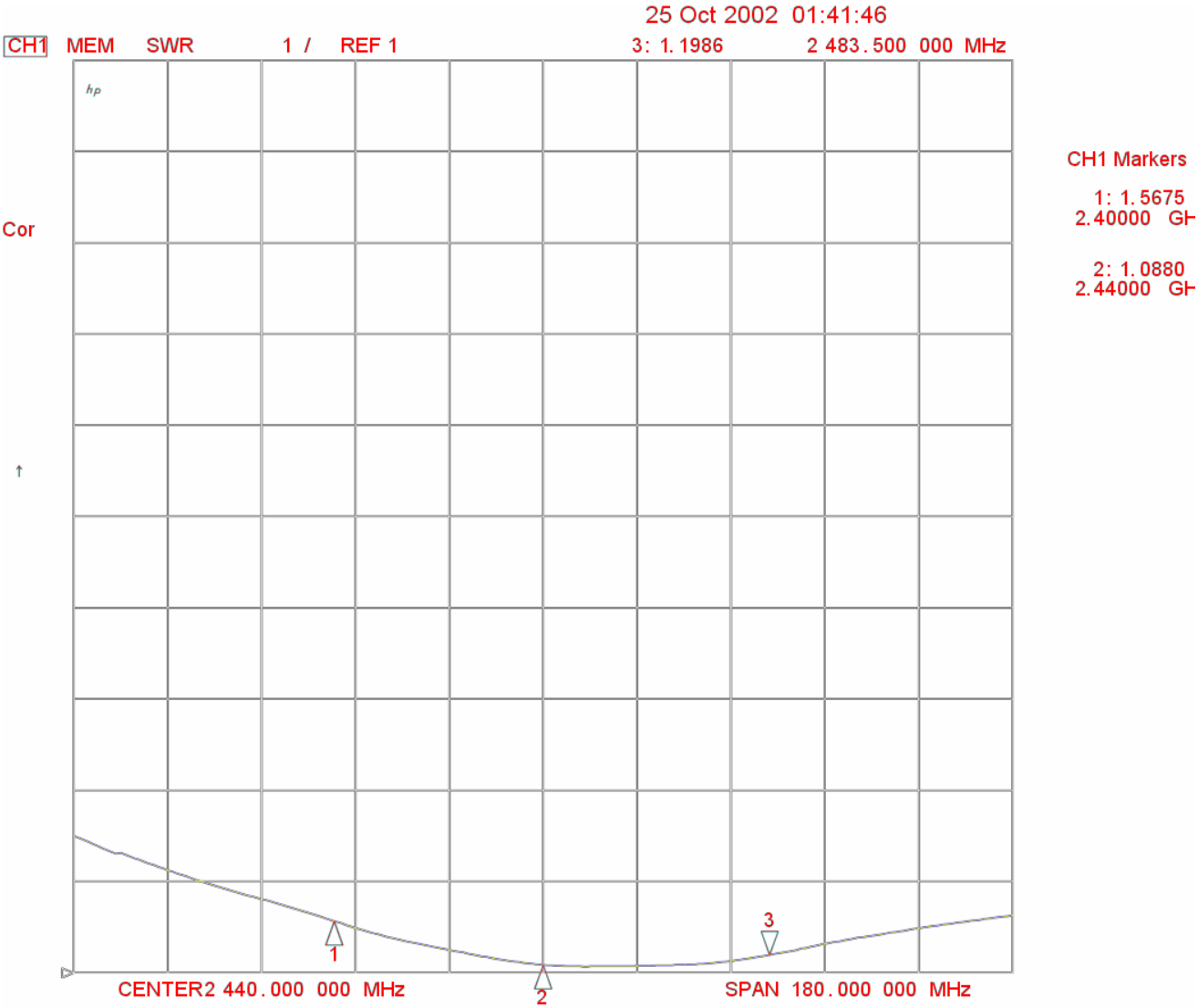


Fig 2. Return loss

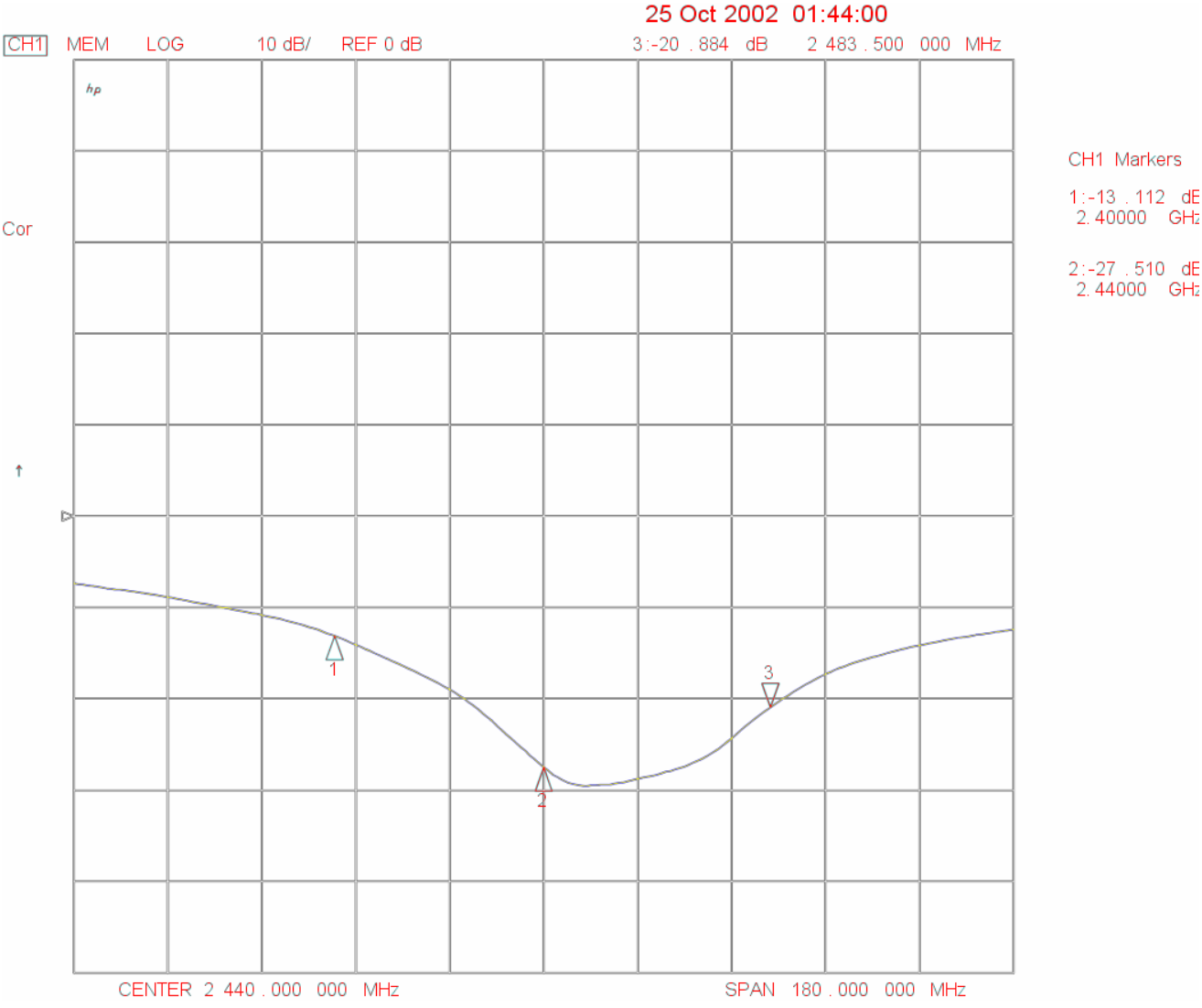


Fig 3. Smith Chart

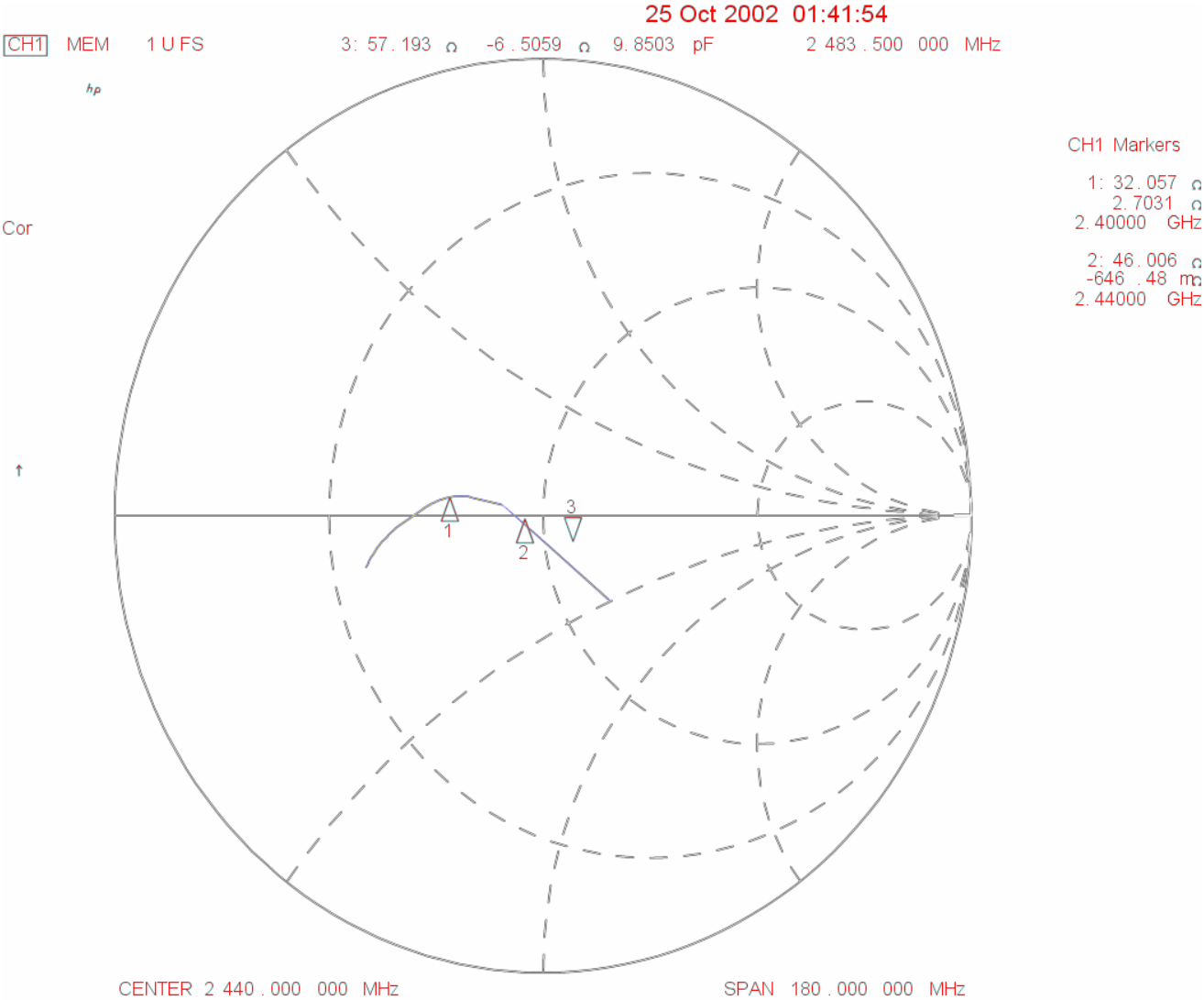
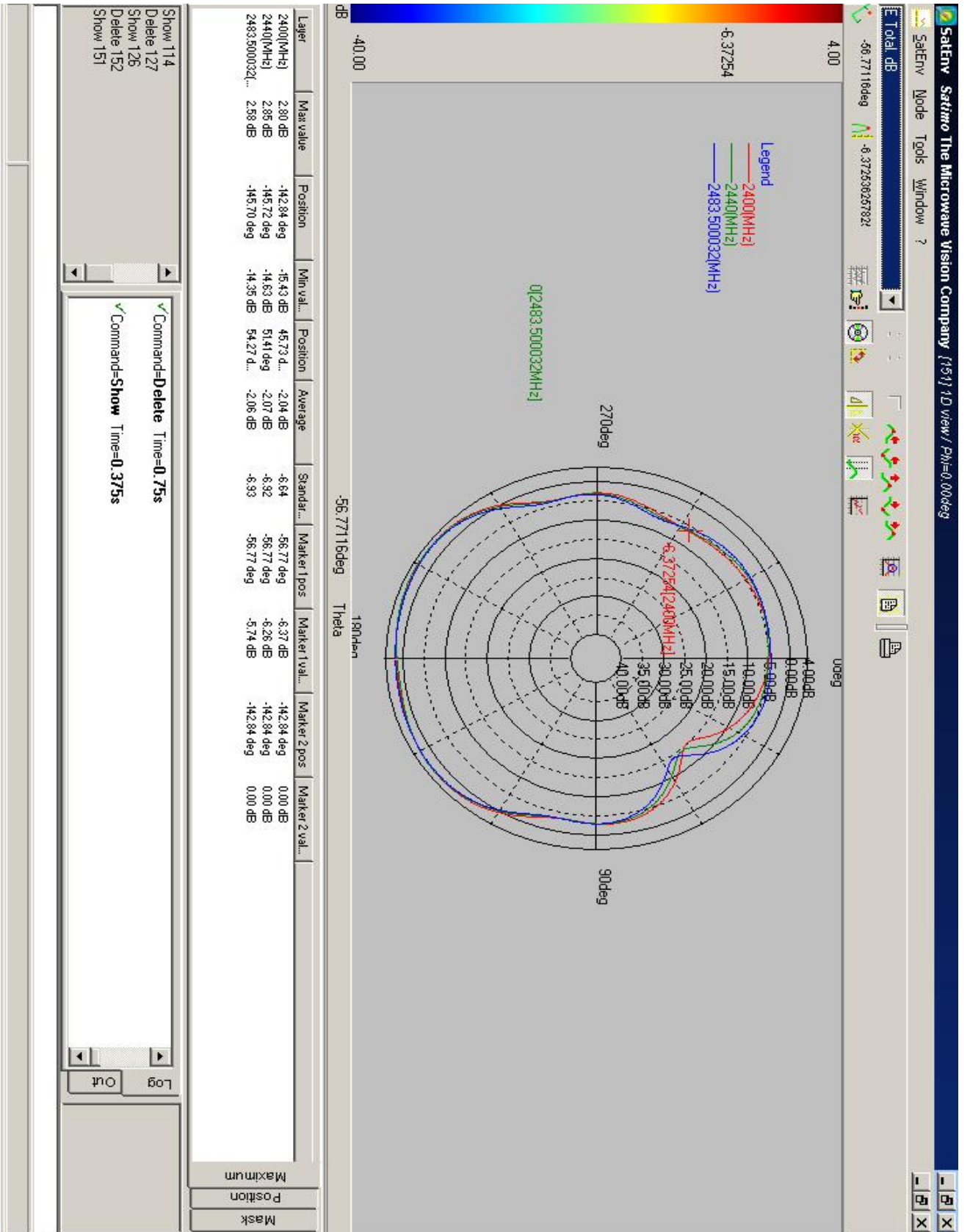


Fig 4. Radiation Pattern

Elevation



Azimuth

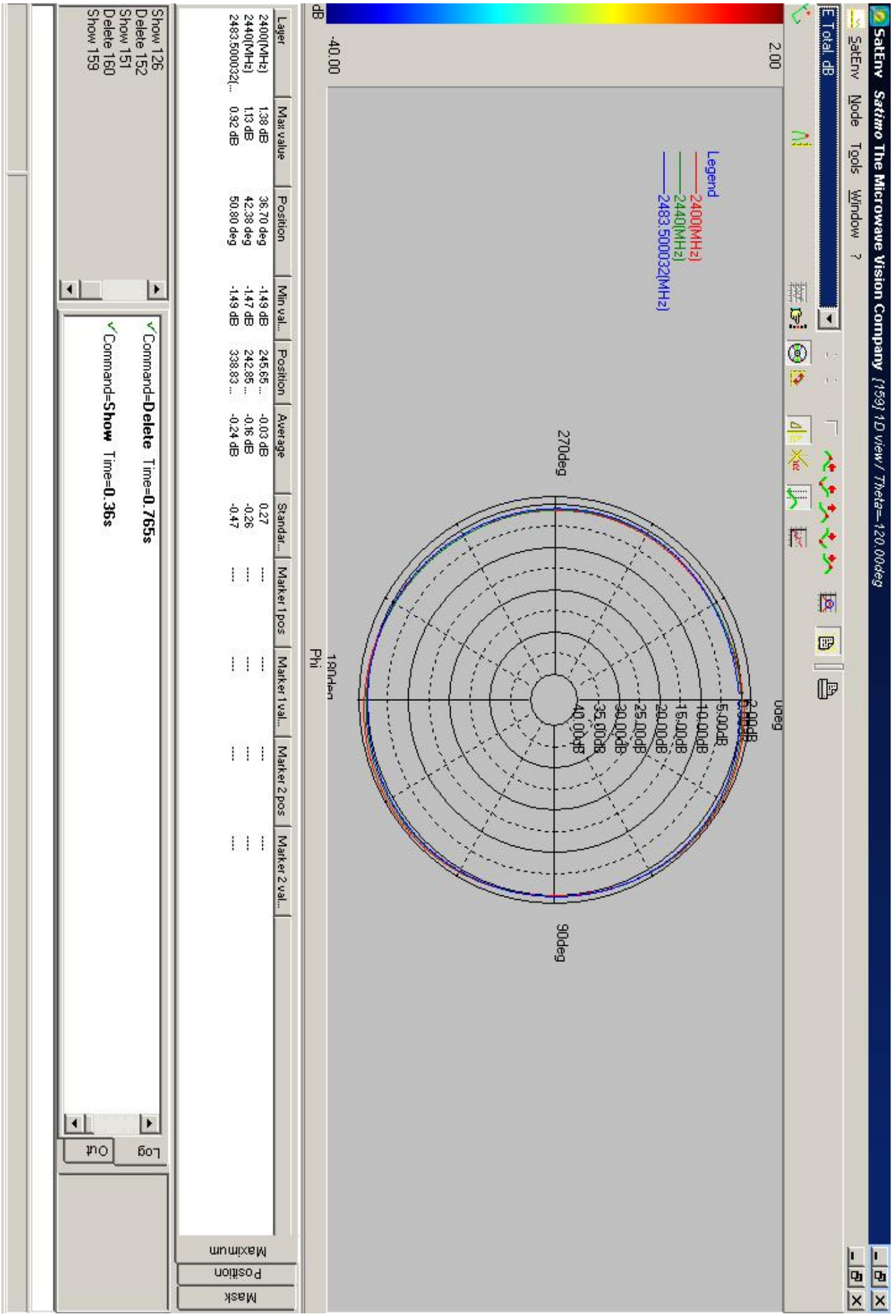
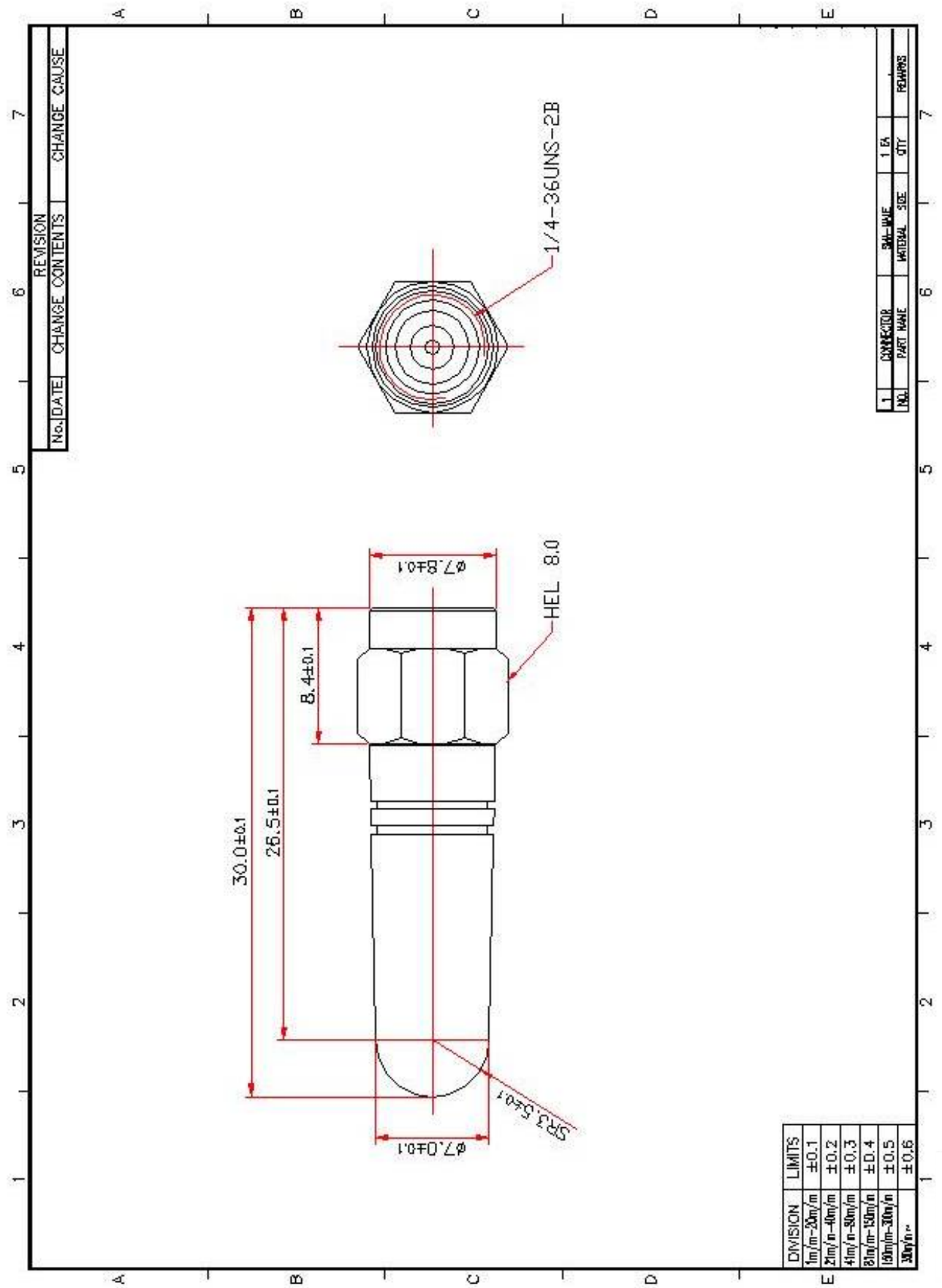


Fig 5. Mechanical Drawing



No.	DATE	CHANGE CONTENTS	REVISION	CHANGE CAUSE
-----	------	-----------------	----------	--------------

1	CONNECTOR	SR-36	1 EA	REWORKS
NO.	PART NAME	MATERIAL	QTY	

DIVISION	LIMITS
1m/n-20m/n	±0.1
2m/n-40m/n	±0.2
4m/n-80m/n	±0.3
8m/n-150m/n	±0.4
100m/n-300m/n	±0.5
300m/n~	±0.6