

# Specifications Sheet

<b>Object</b>	<b>Helical Antenna</b>	<b>REV.</b>	<b>IR</b>	<b>Page</b>	<b>1 of 5</b>
<b>Model Name</b>	<b>HS-2400PO</b>	<b>Date</b>	<b>March 3, 2010</b>		
<b>System</b>		<b>Written by</b>			
<b>Electrical Specifications</b>					
<b>Frequency</b>	2400 ~ 2485 (MHz)				
<b>Band Width</b>	85 (MHz)				
<b>V.S.W.R</b>	1.9 : 1				
<b>Gain (max)</b>	1 (dBi)				
<b>Input Impedance</b>	50 ( $\Omega$ )				
<b>Polarization</b>	Linear, Vertical				
<b>Mechanical Specifications</b>					
<b>Size</b>	30mm X 9mm (W x D)				
<b>Weight</b>	3.5(g)				
<b>Radiator Material</b>	Copper				
<b>Operation Temperature</b>	-20 ~ 60 (°C)				
<b>Operation Humidity</b>	10 ~ 90 (%)				
<b>Option</b>					
<b>Remarks</b>	<p>다음과 같이 CTSL-2402BS의 사양승인원을 제출하오니 검토 후 승인하여 주시기 바랍니다.</p> <p>2009년 12월 21일</p> <p>서울 구로구 구로동 1258 중앙유통단지 라동 3213호</p> <p>알에프텍 대표이사 이진태 (인)</p>				

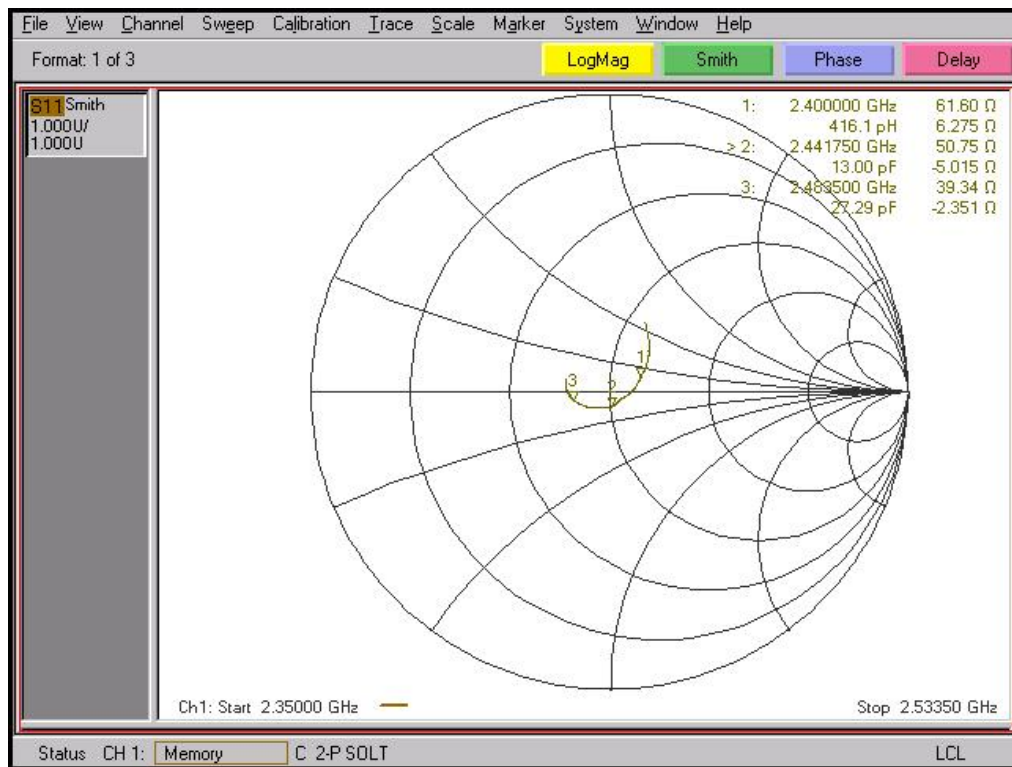
**Fig 1. VSWR**



**Fig 2. Return loss**

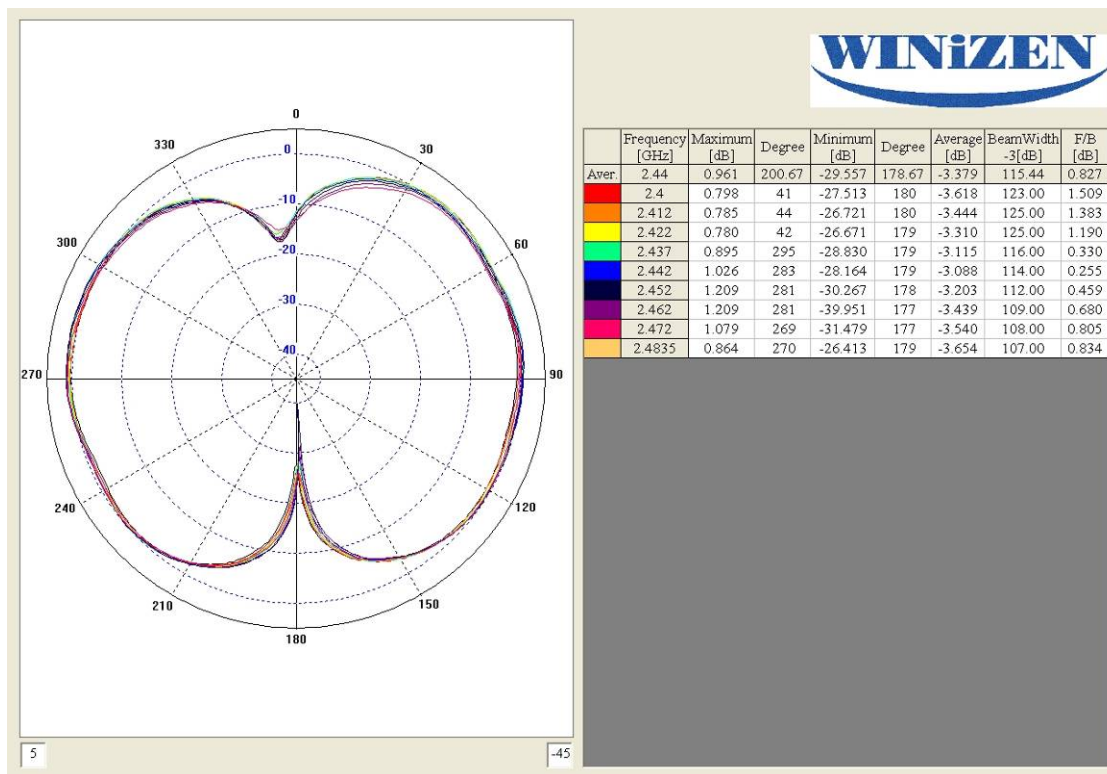


**Fig 3. Smith Chart**



**Fig 4. Radiation Pattern**

## Elevation



## Azimuth

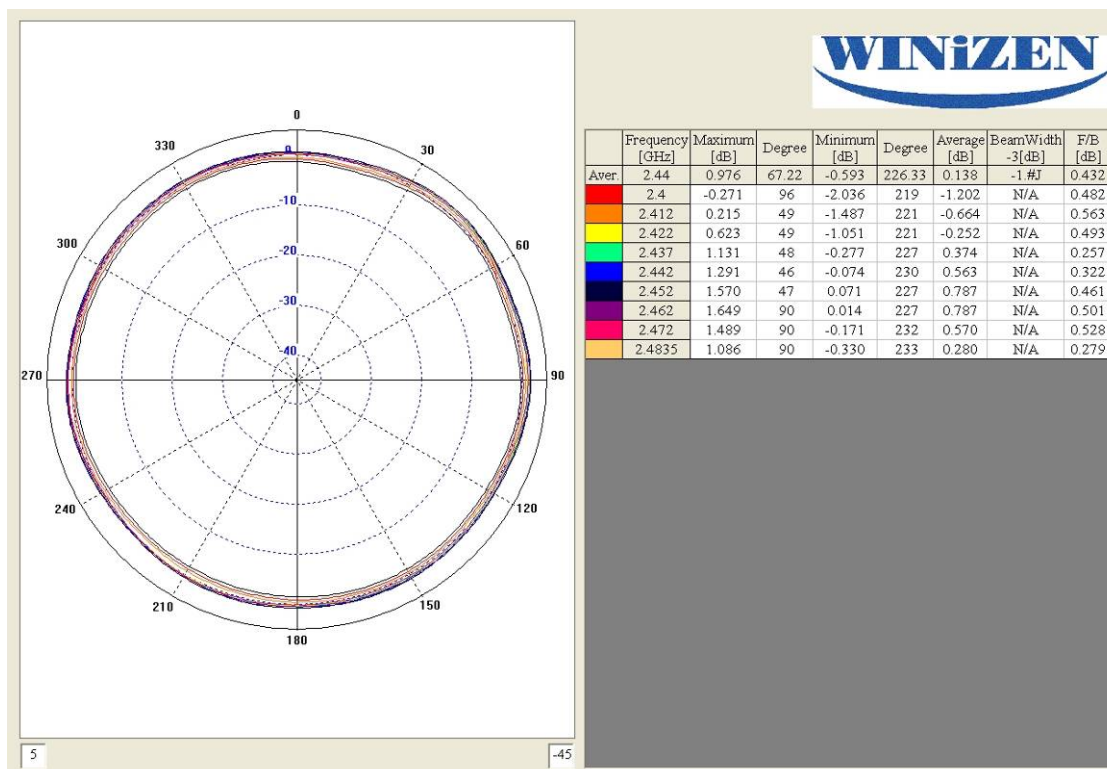


Fig 5. Mechanical Drawing

