

# Specifications Sheet

<b>Object</b>	Helical Antenna	<b>REV.</b>	<b>IR</b>	<b>Page</b>	1 of 5
<b>Model Name</b>	WE-2400PO	<b>Date</b>		March 3, 2008	
<b>System</b>	Bluetooth, WLAN, Zigbee	<b>Written by</b>			
Electrical Specifications					
<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				
Mechanical Specifications					
<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 ( $^{\circ}$ C)				
<b>Operation Humidity</b>	10 ~ 90 (%)				
<b>Option</b>					
<b>Remarks</b>					

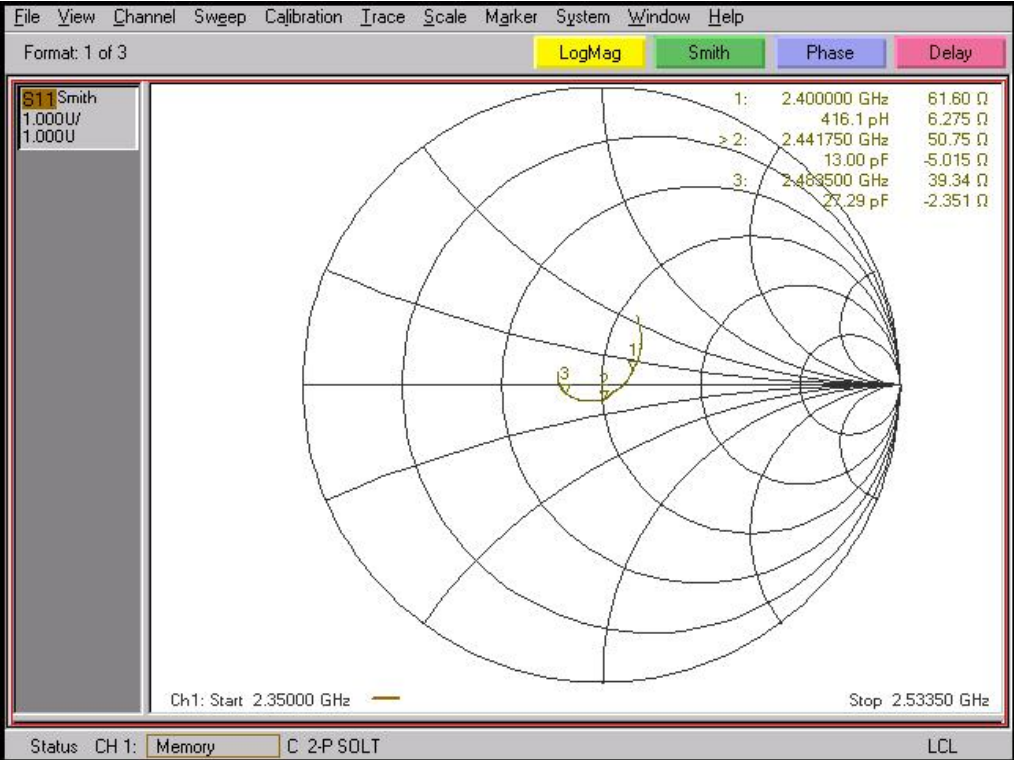
**Fig 1. VSWR**



**Fig 2. Return loss**

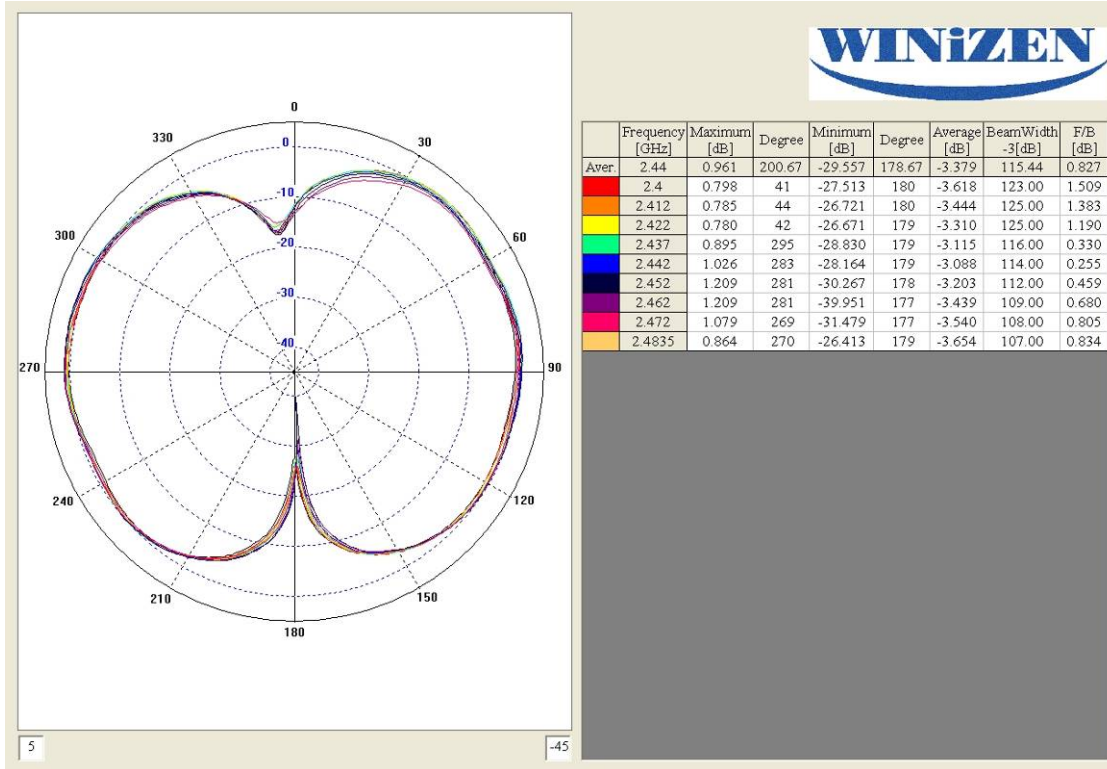


Fig 3. Smith Chart



**Fig 4. Radiation Pattern**

**Elevation**



**Azimuth**

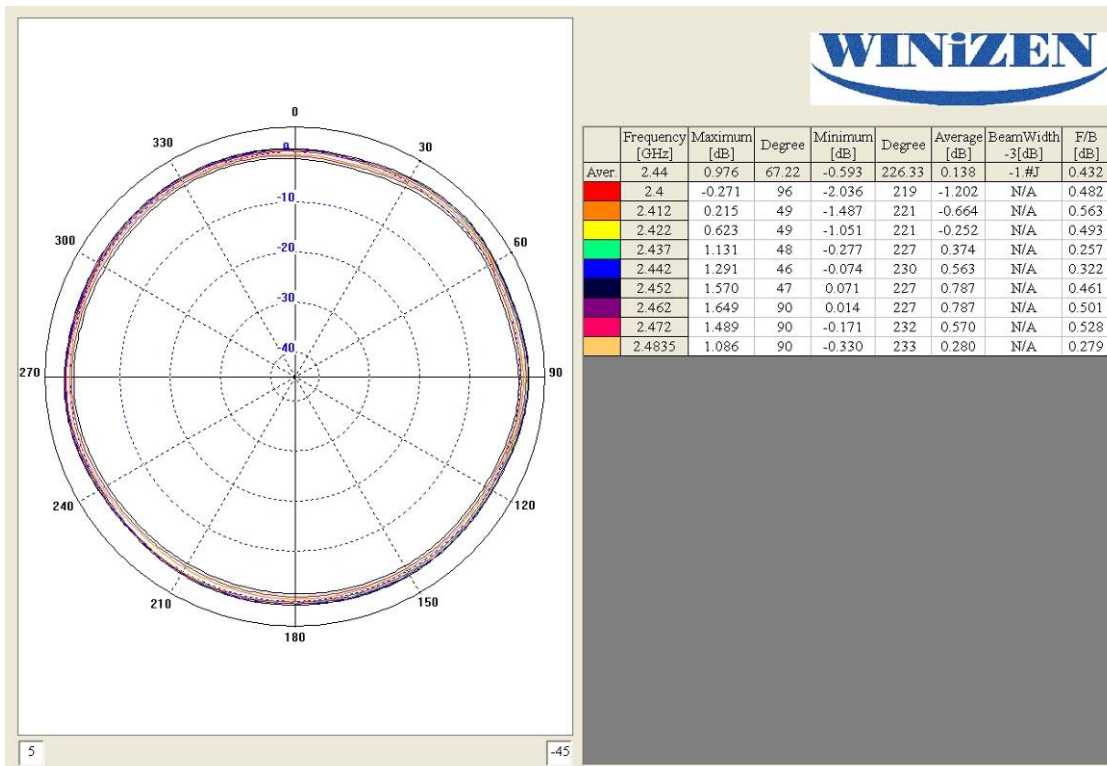


Fig 5. Mechanical Drawing

