

Specifications Sheet

Object	Patch Antenna	Page	1 of 5
Customer		Date	January 17, 2006
System	WLAN IEEE 802.11b/g	Rev.	A
Model Name	PANT-8.5RPR-WX	Written by	

Electrical Specifications

Frequency Range (MHz)	2400 ~ 2483.5
Band Width (MHz)	83.5
V.S.W.R (Min)	1.9 : 1
Gain (Max)	8.5 (dBi)
Input Impedance	50 (Ω)
Polarization	Linear

Mechanical Specifications

Antenna Size (Width x Length x Height)	90 × 127 × 68 mm
Weight	150±5 g
Radom Material	ASA
Connector	SMA Bulkhead Female
Mounting	Wall/Desktop mounting
Operation Temperature	-30 ~ 70 ($^{\circ}\text{C}$)
Operation Humidity	10 ~ 90 (%)

Option	
Remarks	

CHIPSEN Co., Ltd.

Fig 1. Return Loss (Agilent E8357A 300KHz~6GHz PNA Series Network Analyzer)

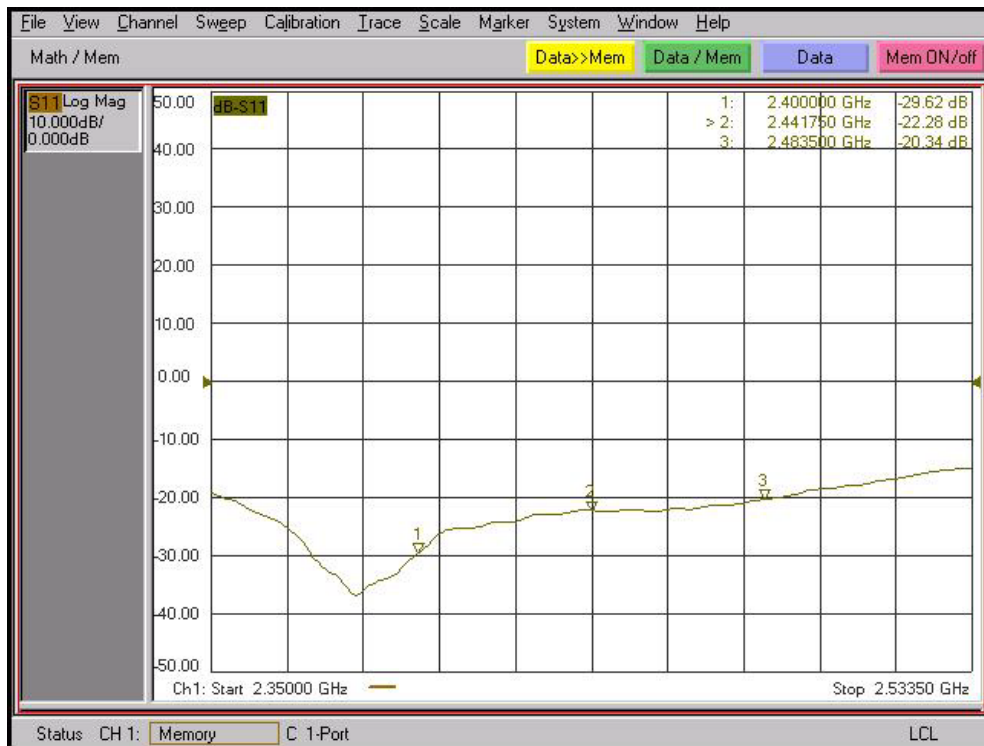


Fig 2. V.S.W.R (Agilent E8357A 300KHz~6GHz PNA Series Network Analyzer)

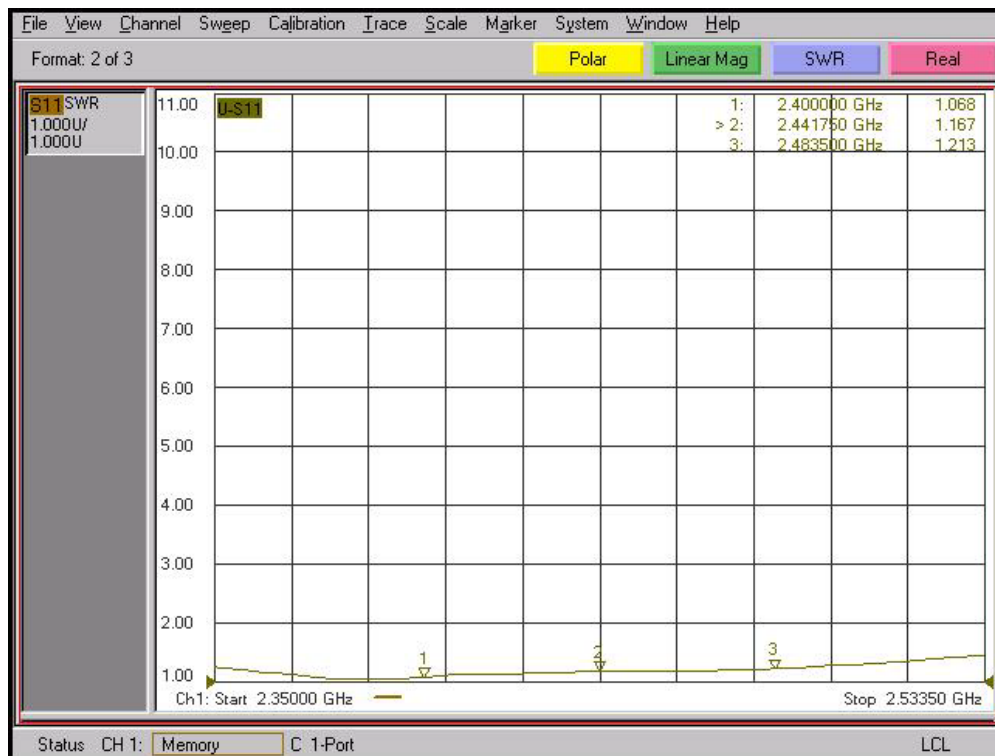


Fig 3. Smith Chart (Agilent E8357A 300KHz~6GHz PNA Series Network Analyzer)

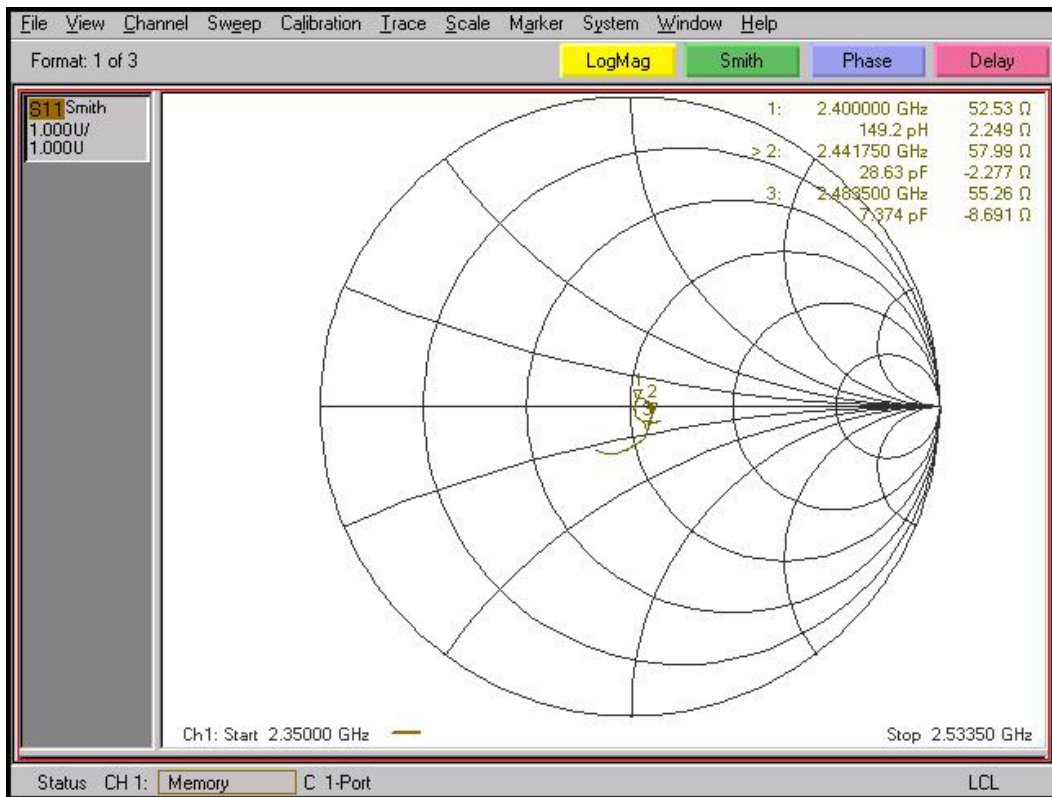
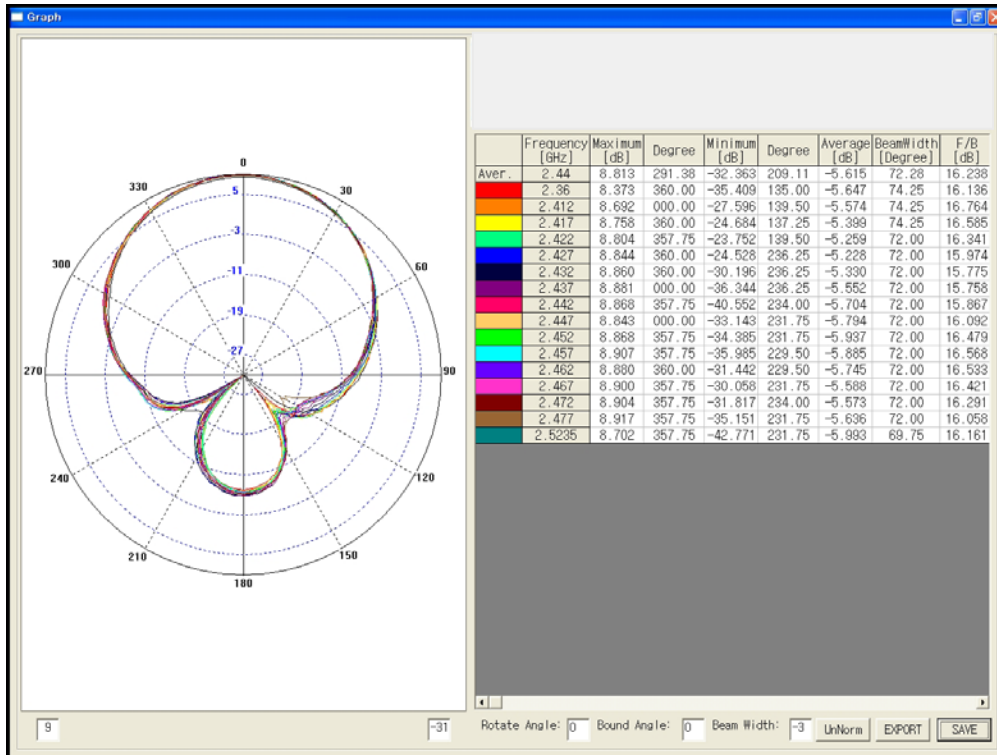


Fig 4. Gain Patterns

a. Azimuth Pattern



b. Elevation Pattern

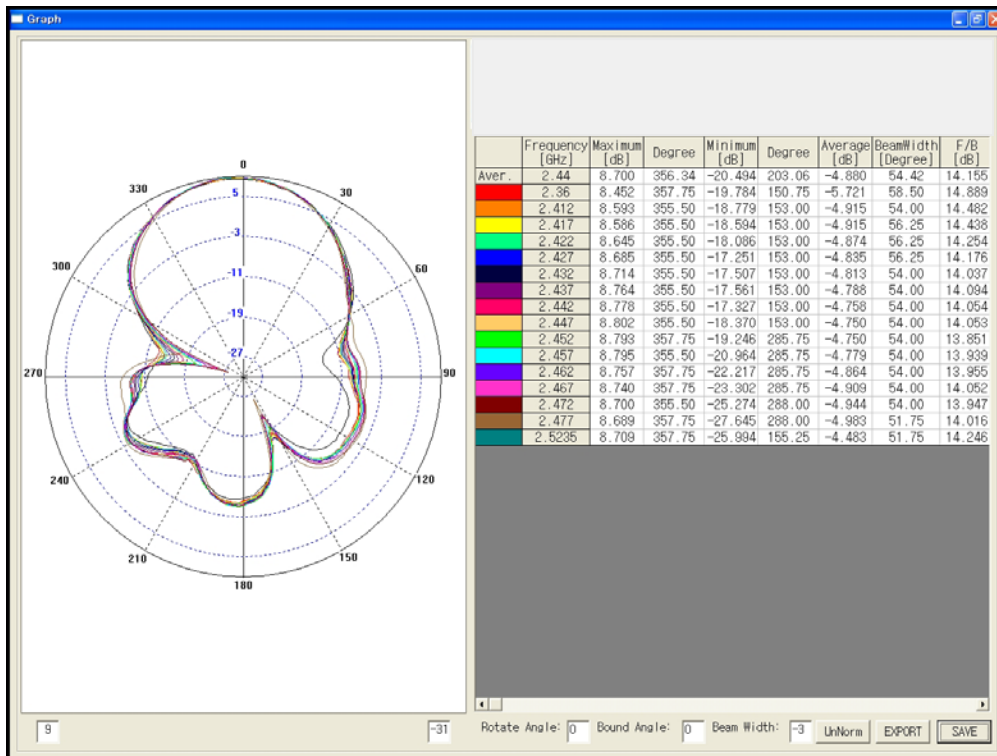


Fig 5. Mechanical Drawing

