



Specifications Sheet

Object	Radome Antenna (Dual-band)	Page	1 of 5
Customer		Date	January 17, 2006
System	WLAN Dual-band IEEE 802.11b/g/a	Rev.	IR
Model Name	WHOL-2400/5000	Written by	

Electrical Specifications

Frequency Range (MHz)	2400 ~ 2483.5	5150 ~ 5825
Band Width (MHz)	83.5	675
V.S.W.R (Min)	1.9 : 1	1.9 : 1
Gain (Max)	2.5 (dBi)	2.5 (dBi)
Input Impedance	50 (Ω)	
Polarization	Linear	

Mechanical Specifications

Antenna Size (Diameter x Height)	114 × 85.3 mm
Weight	174±5 g
Radome Material	ABS
Operation Temperature	- 30 ~ 70 ($^{\circ}\text{C}$)
Operation Humidity	10 ~ 90 (%)

Option	
Remarks	

WINiZEN 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)

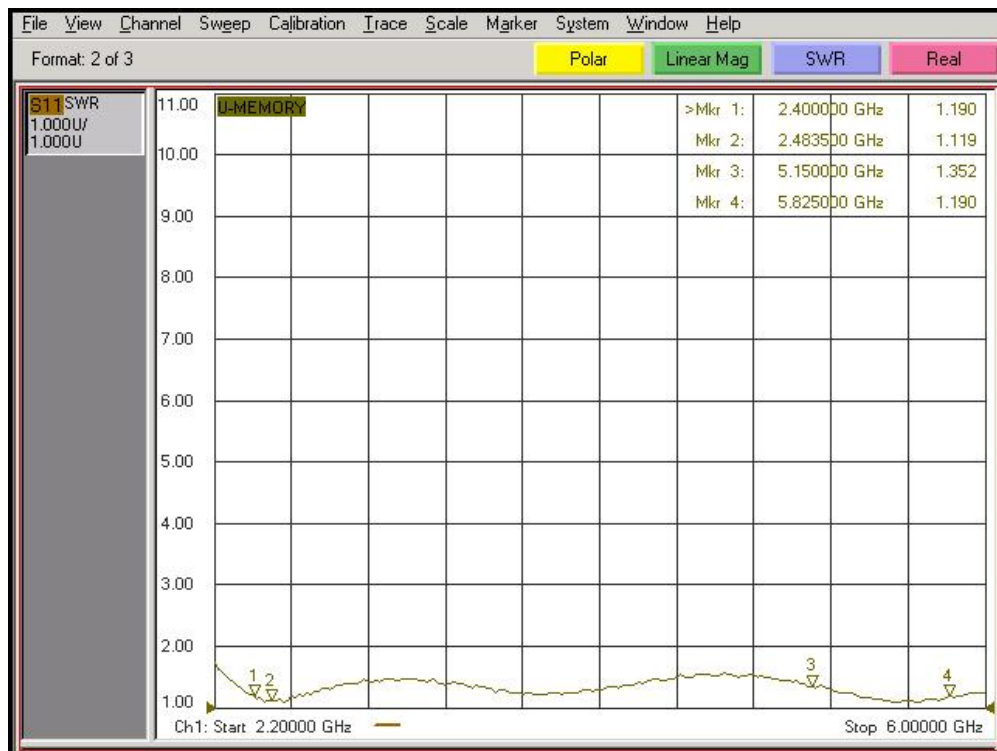


Fig 3. Smith Chart (Agilent E8357A 300KHz~6GHz PNA Series Network Analyzer)

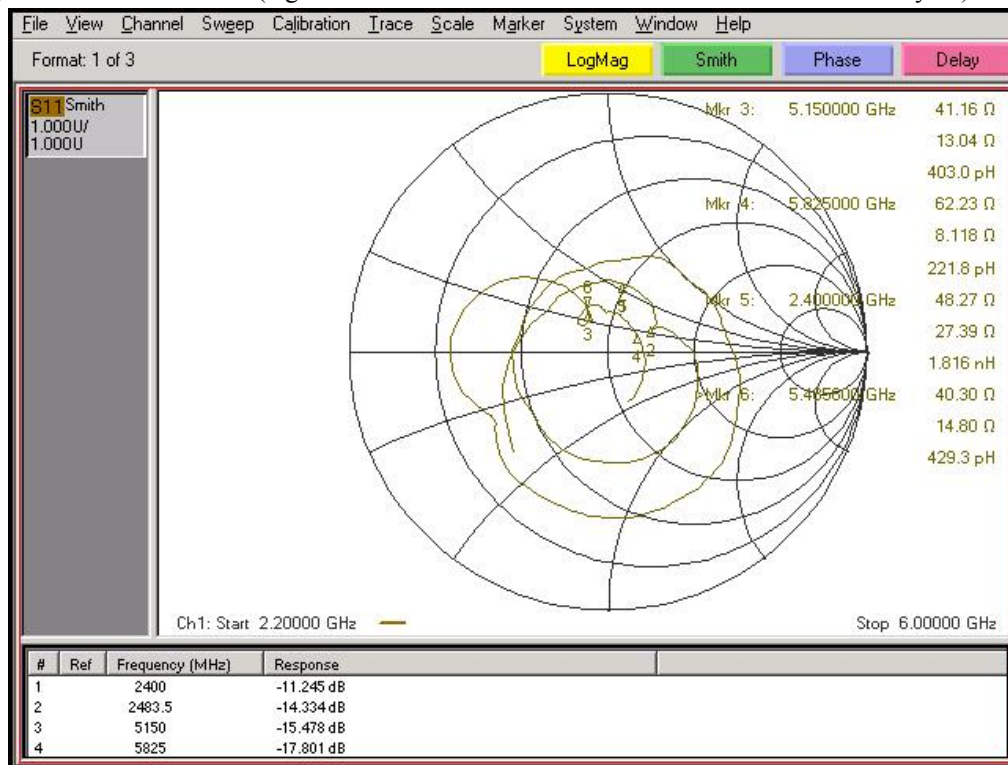
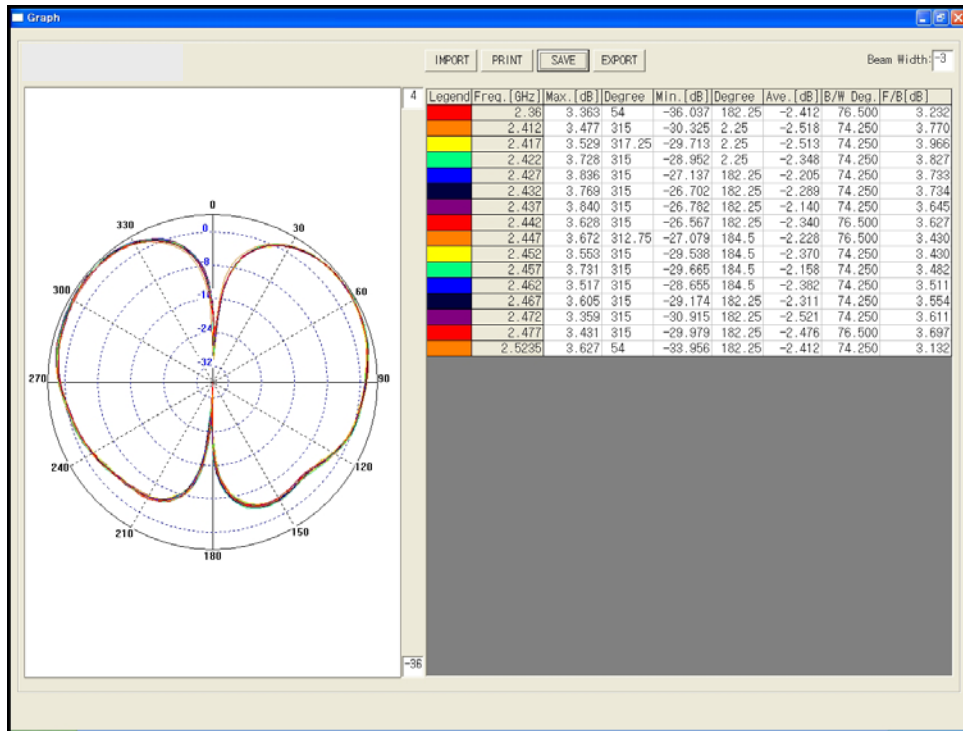




Fig 4. Gain Patterns
Elevation Pattern

2 GHz



5 GHz

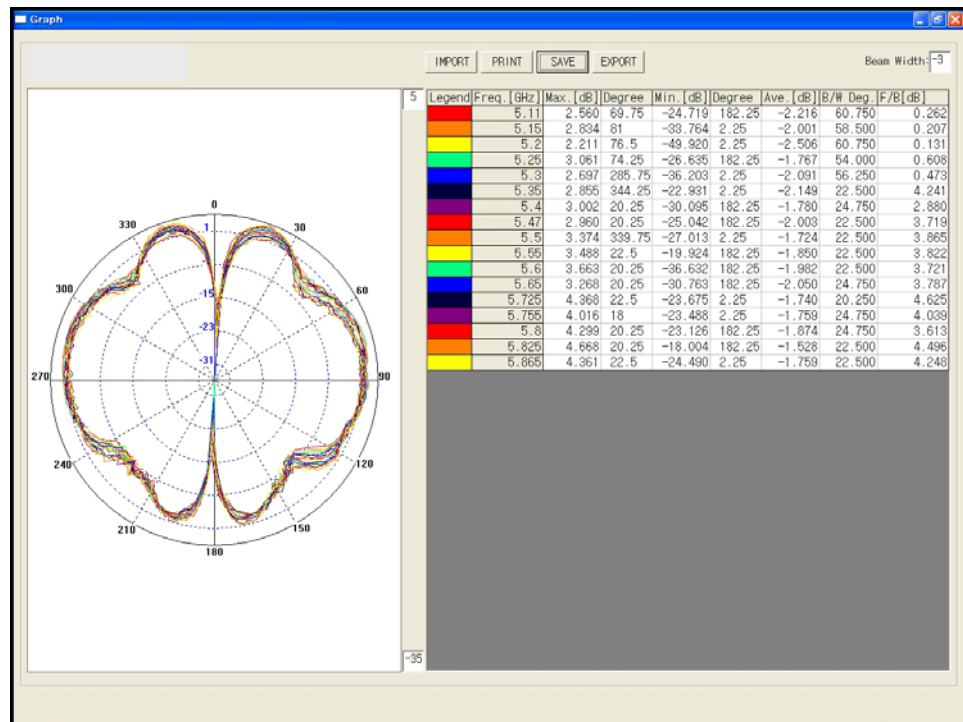


Fig 5. Photo

