

Specifications Sheet

Object	Cable Antenna	REV.	A	Page	1 of 5
Model name	KBI-CO-07 (Under LCD panel)	Date	December17, 2002		
System	W – LAN	Written by	W.I.Kwak		
Electrical Specifications					
Frequency		2.4 ~ 2.4835 (GHz) 5.15 ~ 5.875 (GHz)			
Band Width		83.5 (MHz) 725 (MHz)			
V.S.W.R		1.9 : 1 2.5 : 1			
Gain		3 dBi 1 dBi			
Input Impedance		50 (Ω)			
Polarization		Linear			
Mechanical Specifications					
Size		47 × 8 × 1 mm			
Weight		2 (g)			
Radiator Material		Copper			
Operation Temperature		-30 ~ 90 (°C)			
Operation Humidity		10 ~ 90 (%)			
Option					
Others					

Fig 1. VSWR

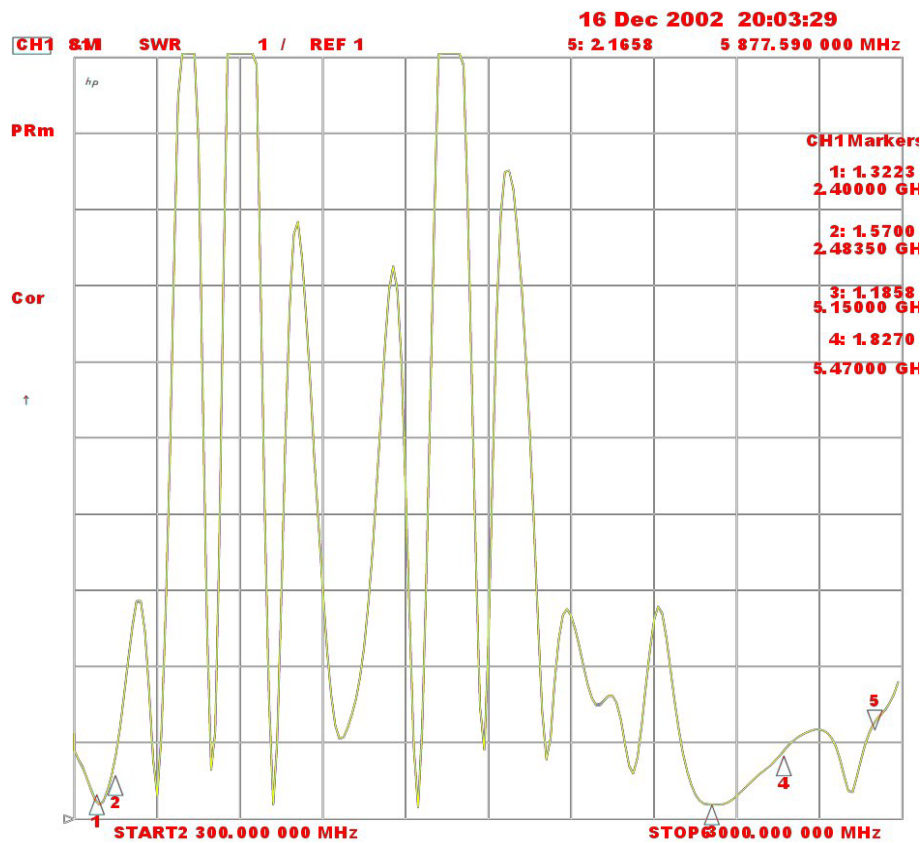


Fig 2. RETURN LOSS

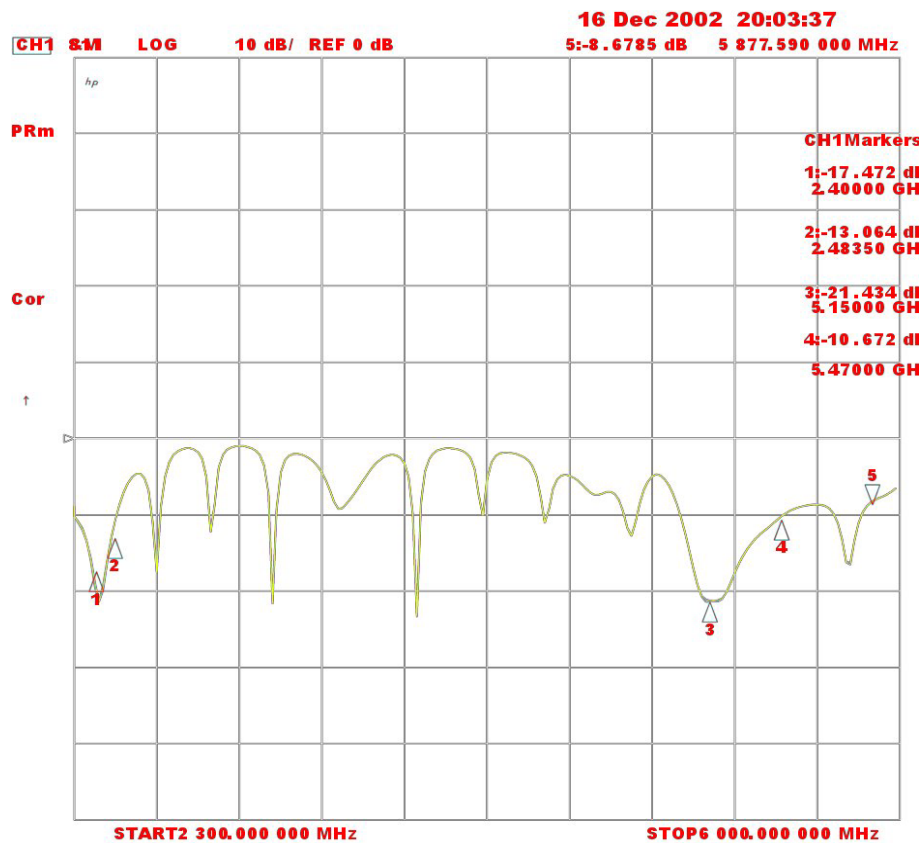


Fig 3. SMITH CHART

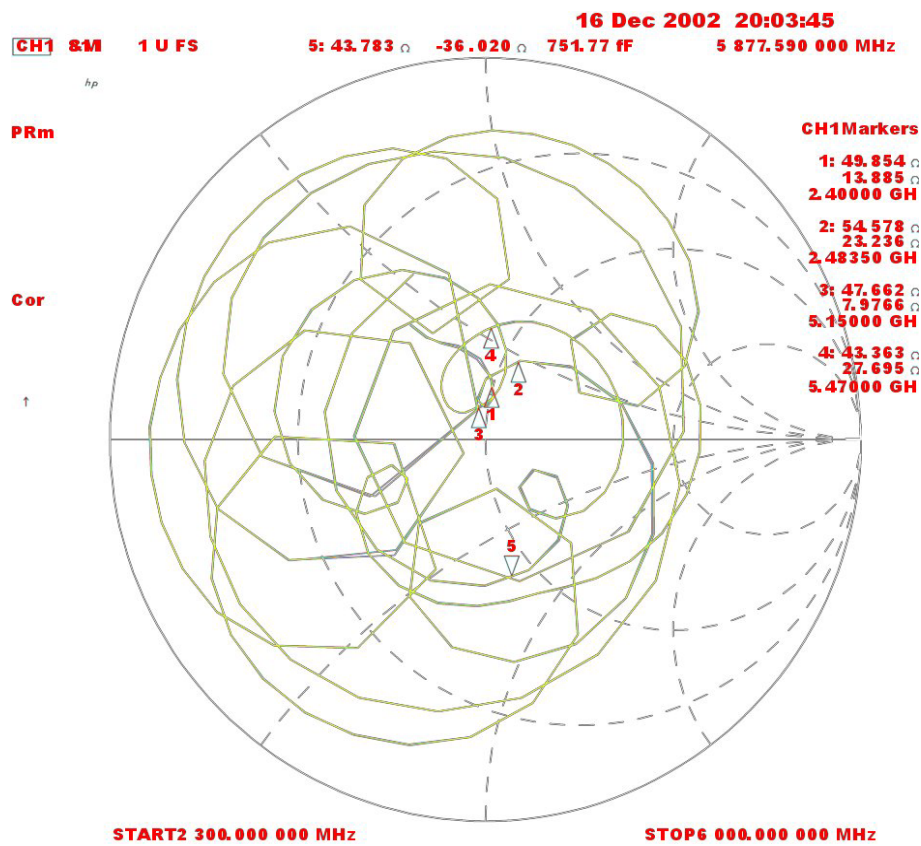
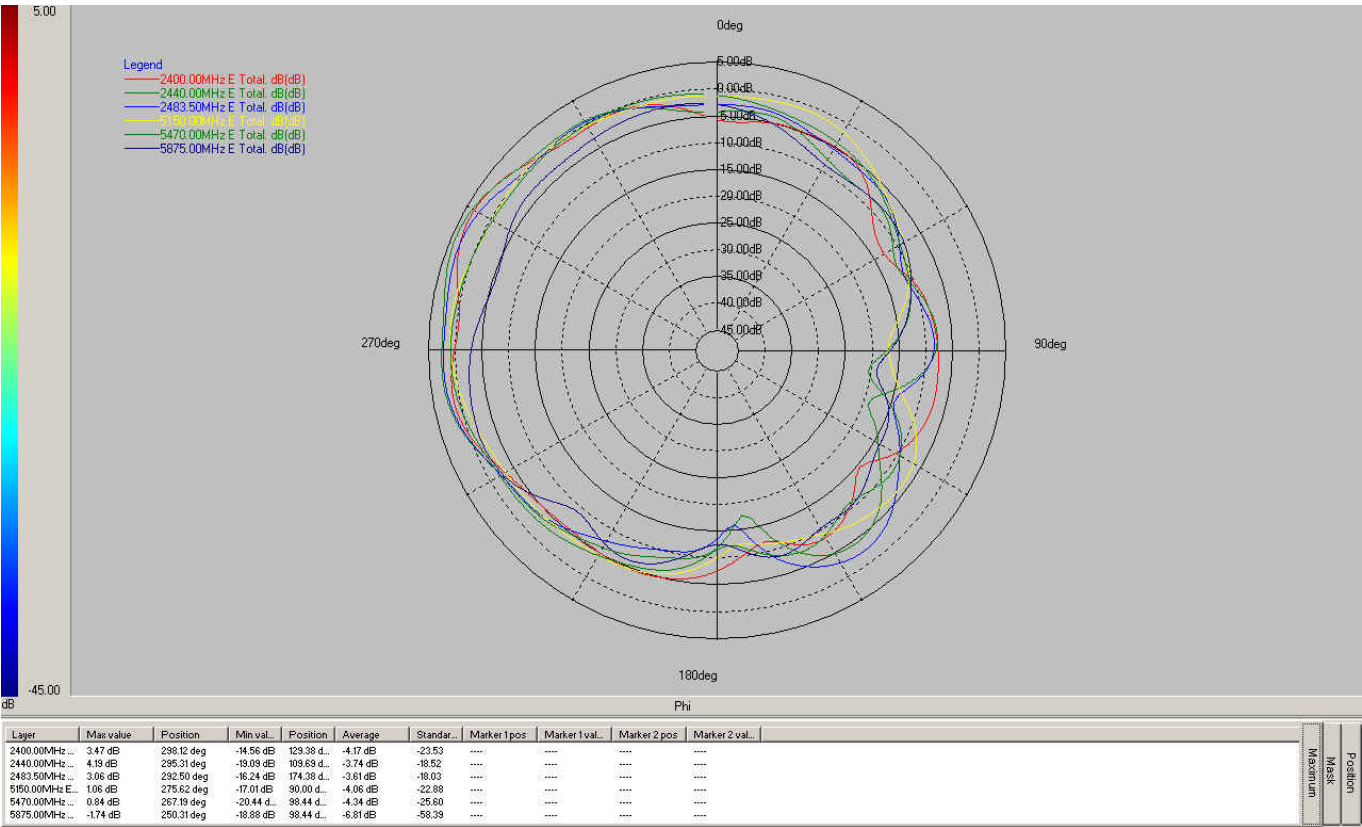


Fig 4. RADIATION PATTERN

AZIMUTH PATTERN



ELEVATION PATTERN

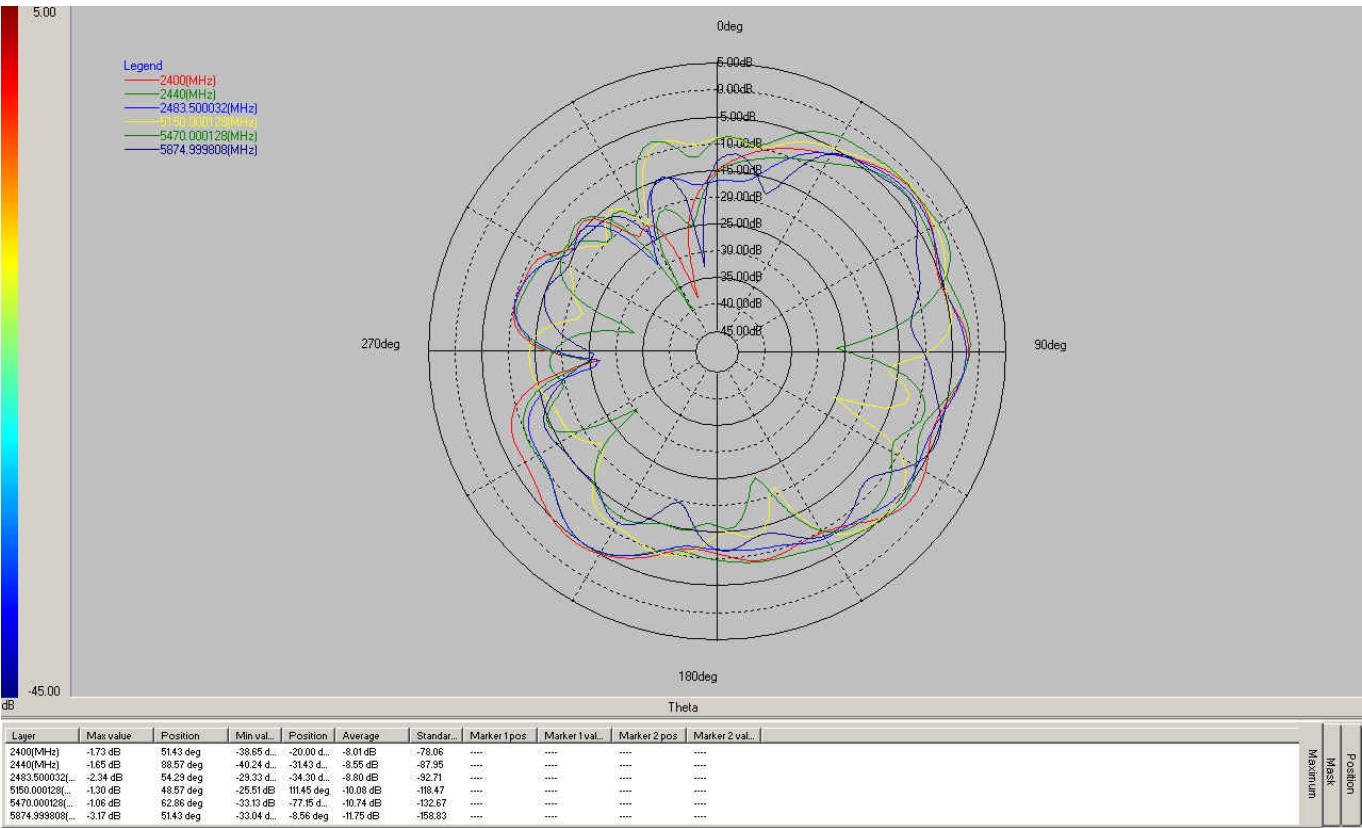


Fig 5. Antenna Location

