

Specification Sheet		Charge		Confirm		Approval	
Object	Monopole Cable Antenna	/		/		/	
Customer	Polymap	REV.	IR	Page		1 of 4	
Model name	KBI-CO-24	Date		Dec 2, 2003			
System	Bluetooth Scale	Written by		Jin Myung Kim			
Electrical Specification							
Frequency Range		2.4 ~ 2.4835 (GHz)					
Band Width		83.5 (MHz)					
V.S.W.R		less than 2 : 1					
Gain		Peak 3 dBi					
Input Impedance		50 (Ω)					
Polarization		Linear					
Mechanical Specification							
Antenna Size		54.5 × 8 × 1 mm (L×W×t)					
Weight		3 (g)					
Radiator Material		FR-4					
Cable Ass'y		IPEX Coaxial Cable Ass'y					
Cable Length		380mm±5mm					
Cable Diameter		1.03 mm					
Operation Temperature		-20 ~ 90 (°C)					
Operation Humidity		0 ~ 90 (%)					
Option							
Others							

KRD01-00A05-01IR

KOSAN I & T Co., Ltd.

Fig 1. RETURN LOSS

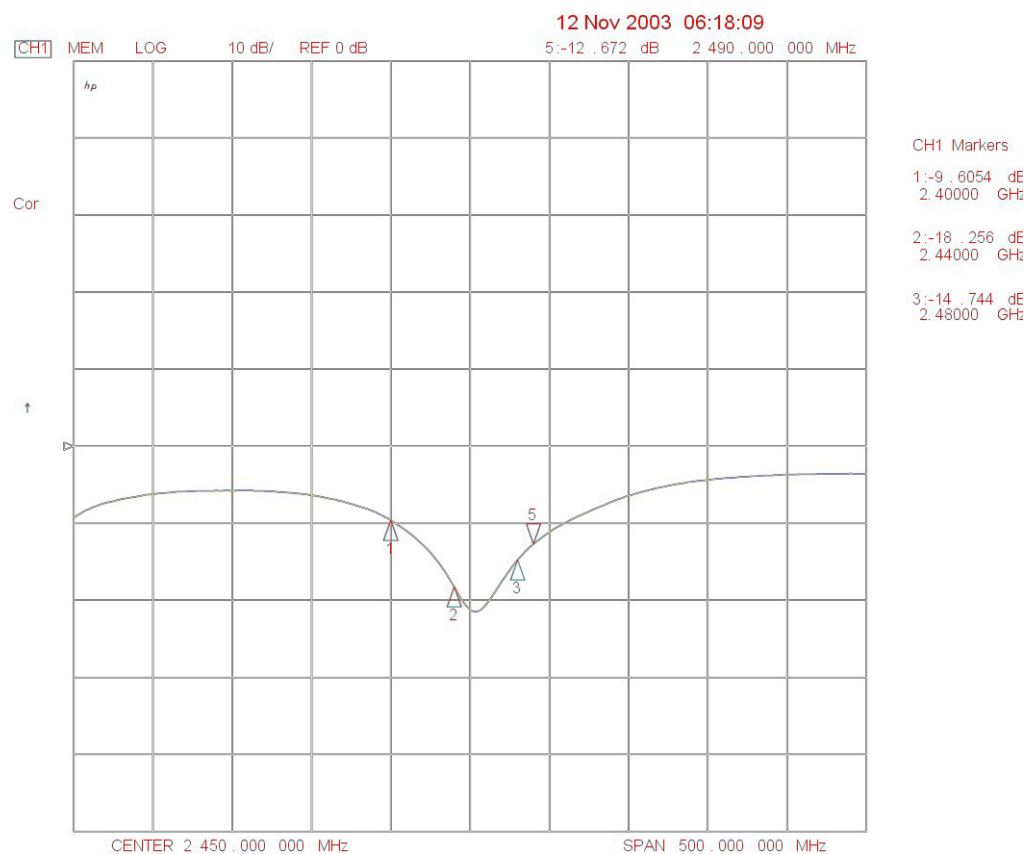


Fig 2. VSWR

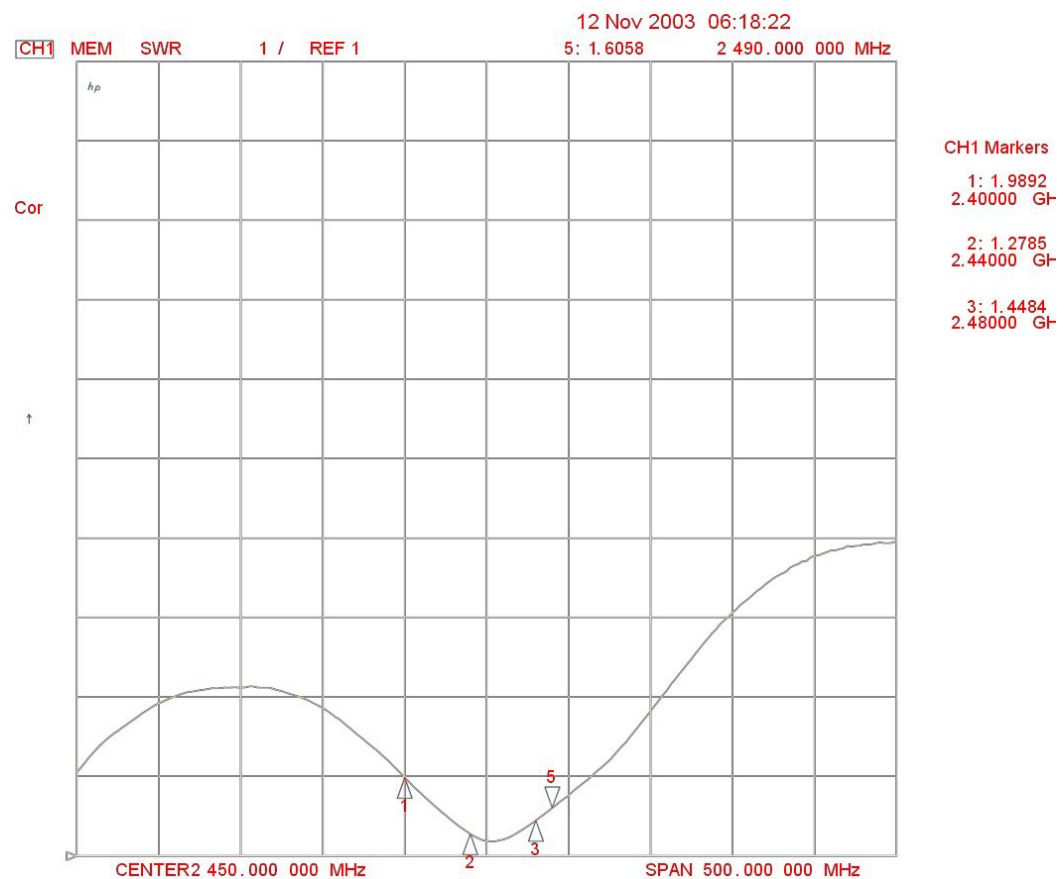
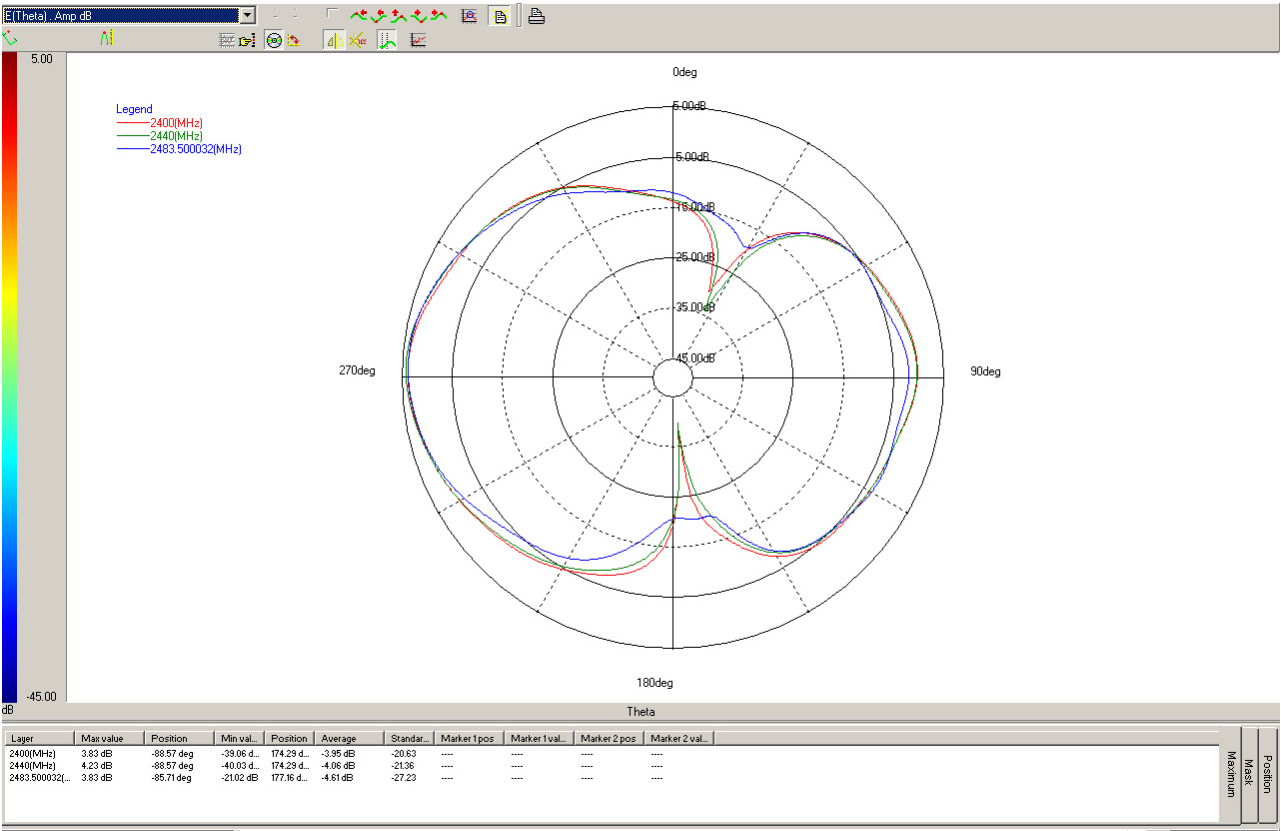


Fig 4. RADIATION PATTERN

ELEVATION PATTERN



AZIMUTH PATTERN

