

Specifications Sheet

Object	Dipole Antenna	Rev.	IR	Page	1 of 6
Model name	WE-2400TO (Swivel joint)	Date	March 5, 2004		
System	Bluetooth / WLAN IEEE 802.11b/g	Written by			
Electrical Specifications					
Frequency		2400 ~ 2483.5 (MHz)			
Bandwidth		83.5 (MHz)			
V.S.W.R		1.9 : 1			
Gain (max)		2 (dBi)			
Input Impedance		50 (Ω)			
Polarization/ Directional		Linear / Omni-directional			
Mechanical Specifications					
Size		124 ± 2.0 (mm)			
Connector		SMA Male			
Weight		12g			
Radiator Material		Copper			
Operation Temperature		-30 ~ 70 (℃)			
Operation Humidity		10 ~ 90 (%)			
Option					
Remarks					

Fig. 1. VSWR

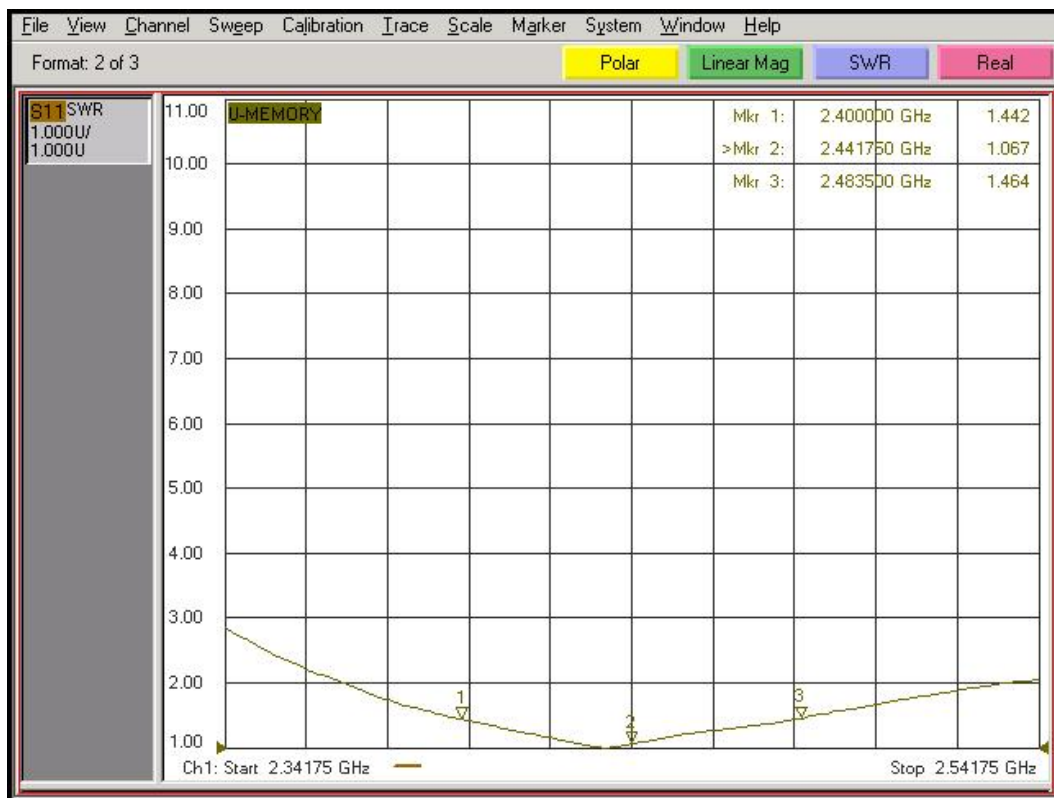


Fig. 2. Return Loss

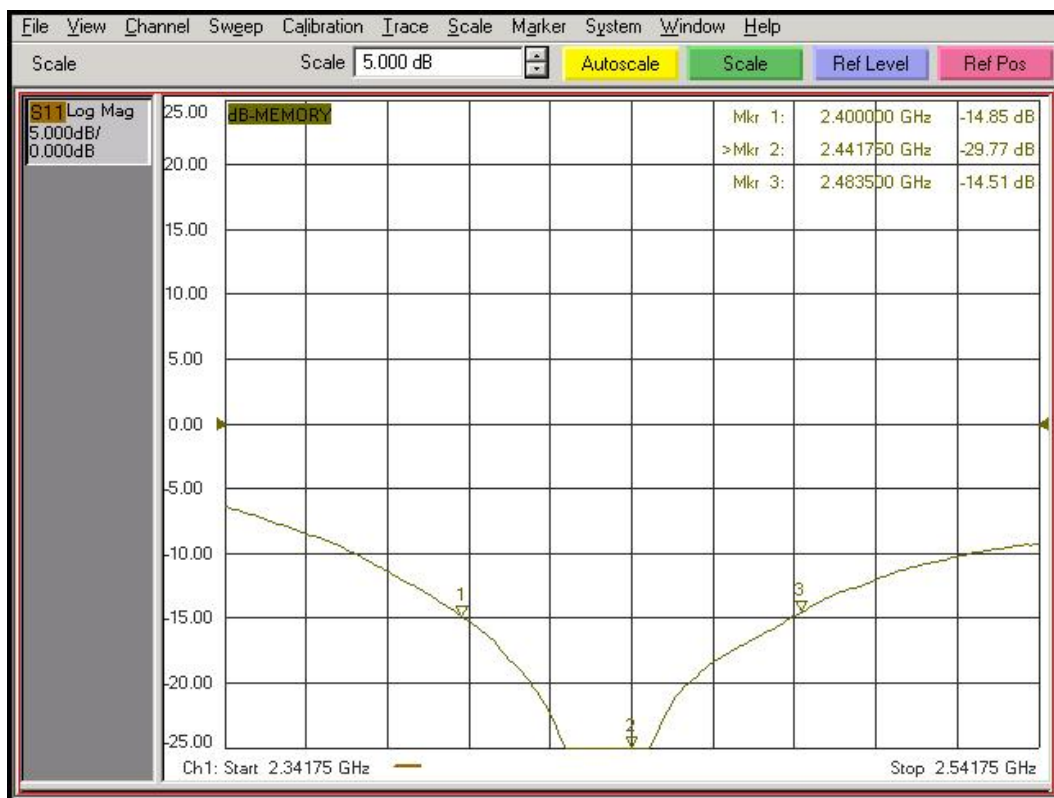


Fig. 3. Smith Chart

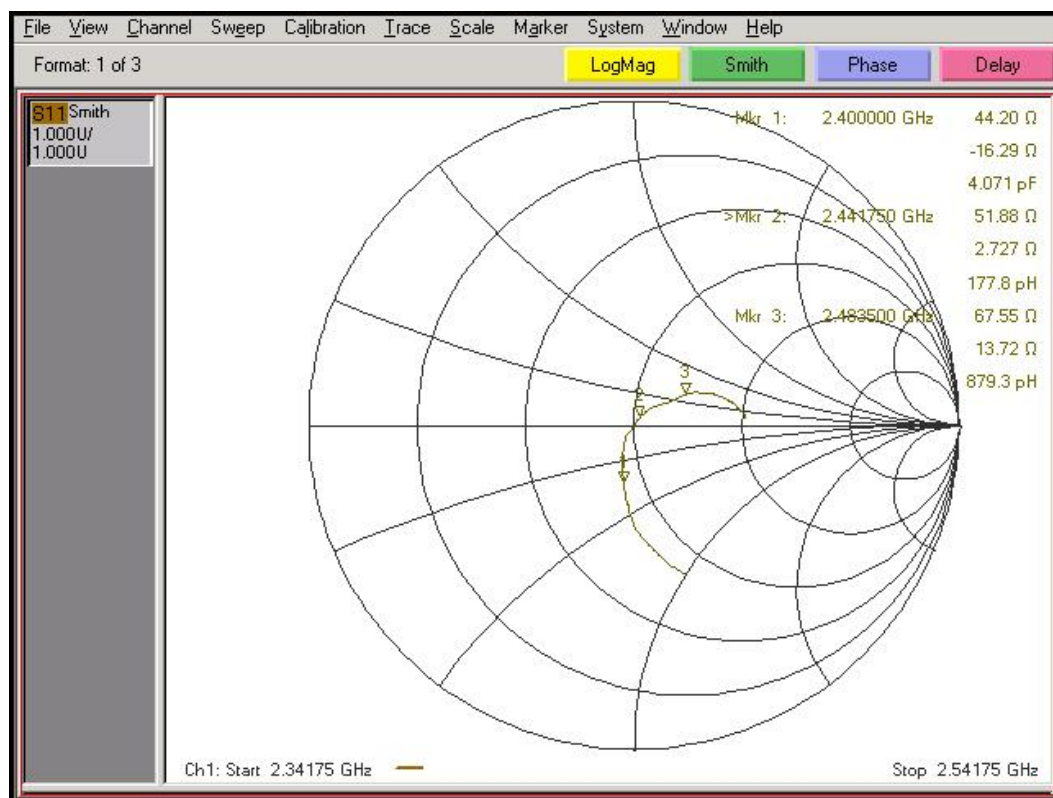
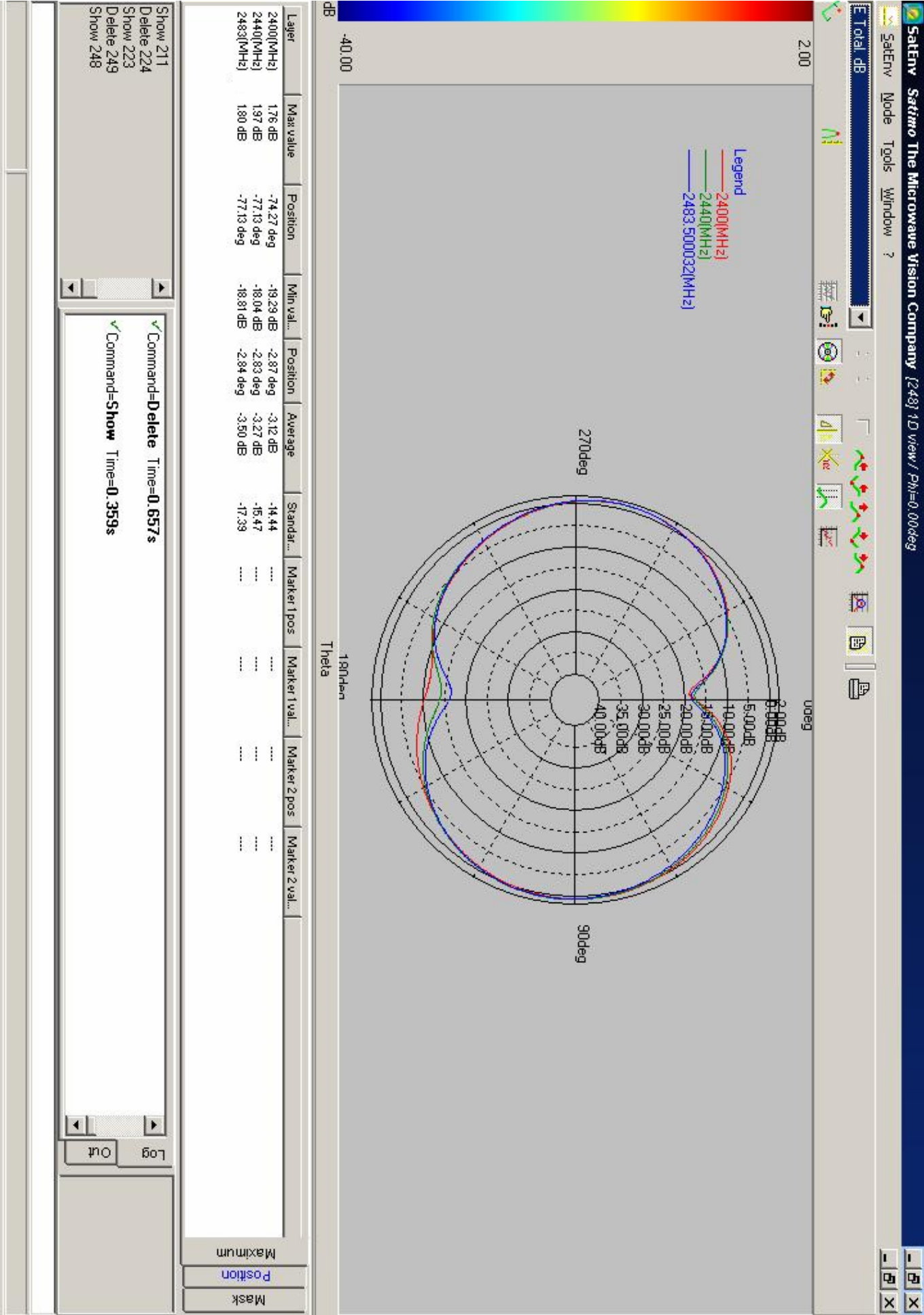
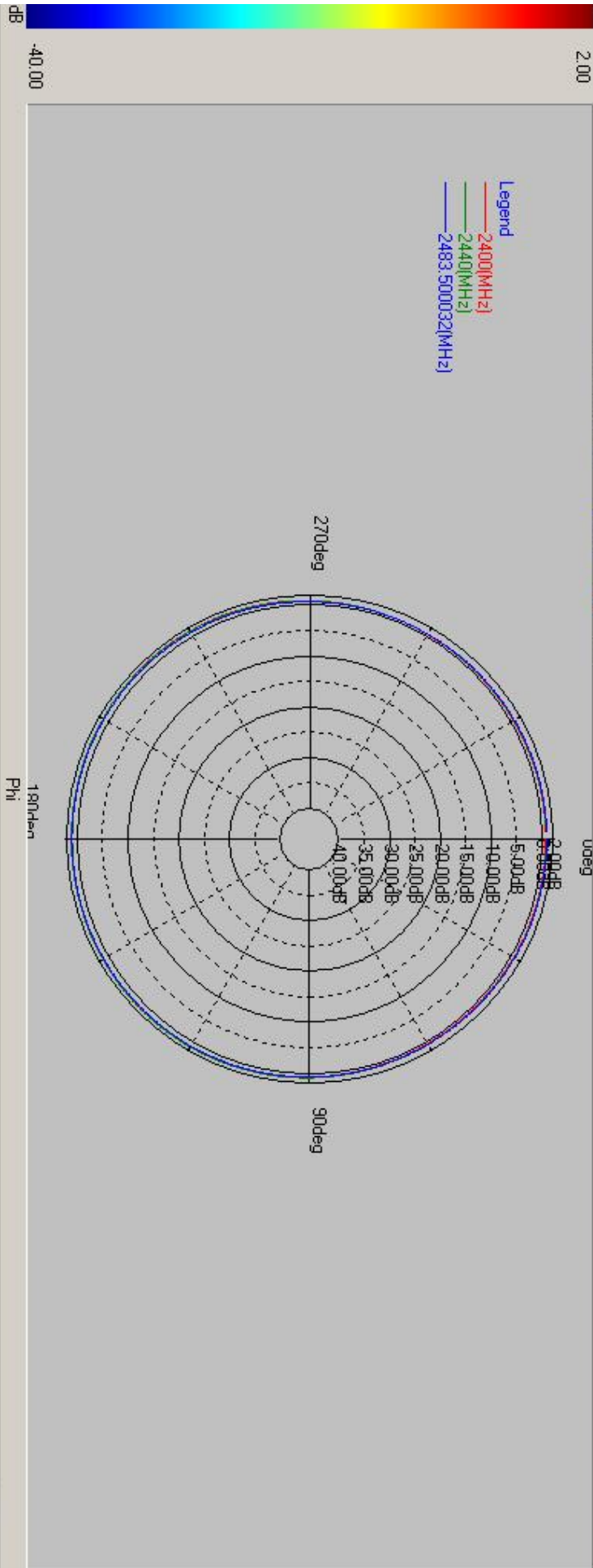


Fig. 4. Radiation Pattern



Total dB



Layer	Max value	Position	Min val...	Position	Average	Standar...	Marker 1 pos	Marker 1 val...	Marker 2 pos	Marker 2 val...
2400(MHz)	1.97 dB	237.17 deg	0.33 dB	321.88 d...	0.72 dB	0.97	...	...	...	...
2440(MHz)	1.98 dB	121.43 deg	0.40 dB	316.23 d...	0.73 dB	0.98	...	...	...	...
2483(MHz)	1.96 dB	127.05 deg	0.48 dB	307.75 ...	0.70 dB	0.96	...	...	...	...

✓ Command=Delete Time=0.734s

✓ Command=Show Time=0.375s

Show 223
Delete 249
Show 248
Delete 255
Show 254

Log Out

Fig. 5. Mechanical

