

UHF Antenna

MODEL: TH-150



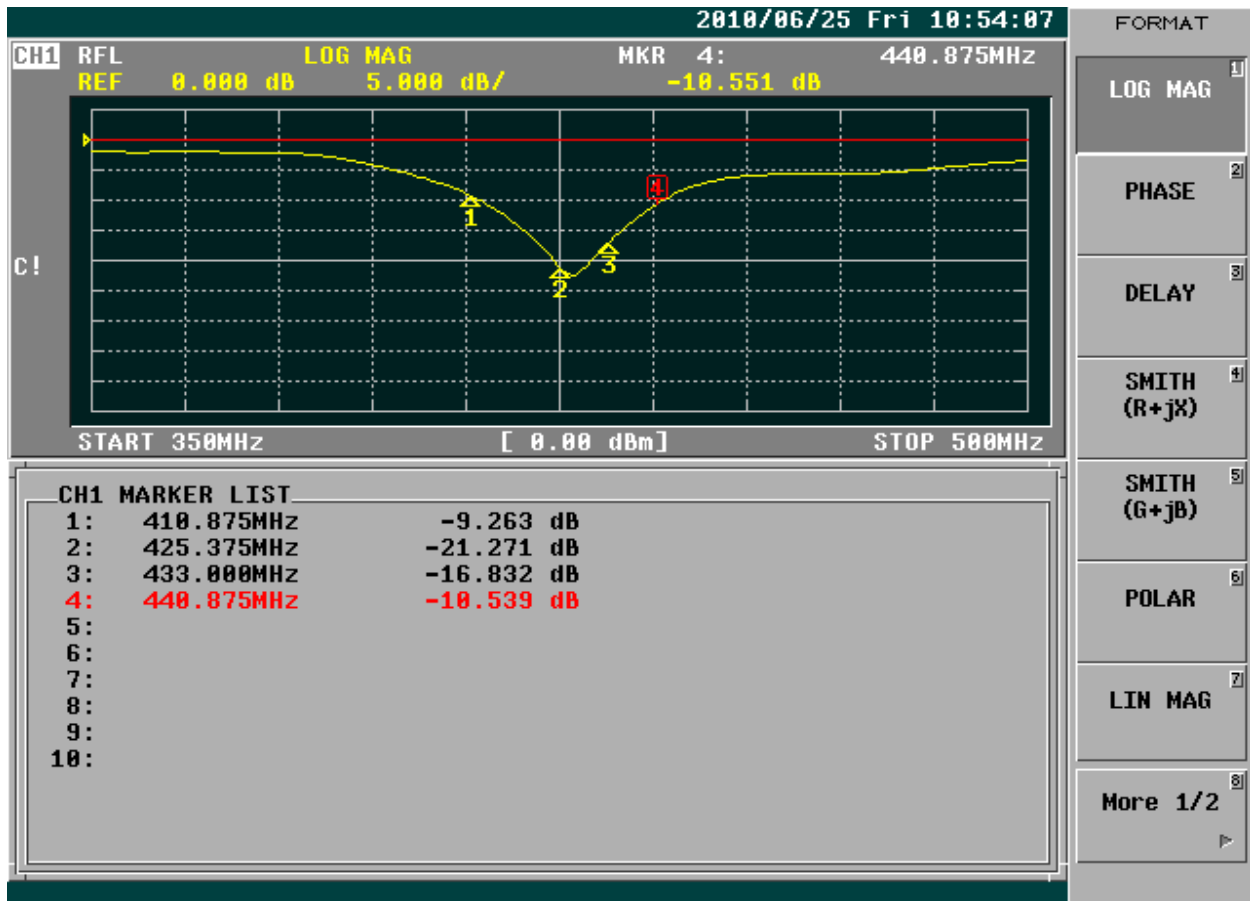
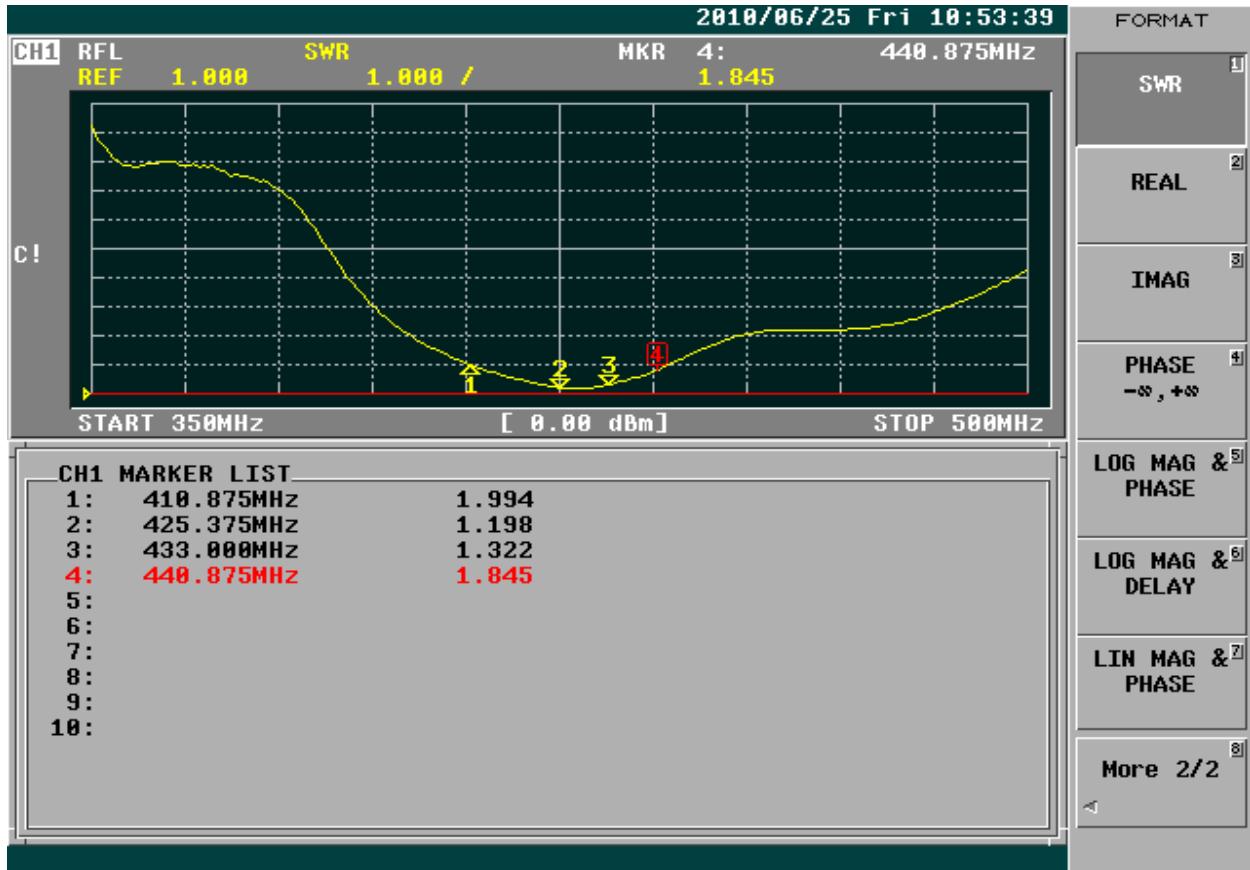
1.1 Electrical Properties

Parameter	Description
Frequency Band	410~440 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 / 2 λ Dipole
POWER	60W
V.S.W.R	2.0:1
Antenna Average Gain	3dBi
Note: Gain includes the cable loss	

1.2 Mechanical Properties

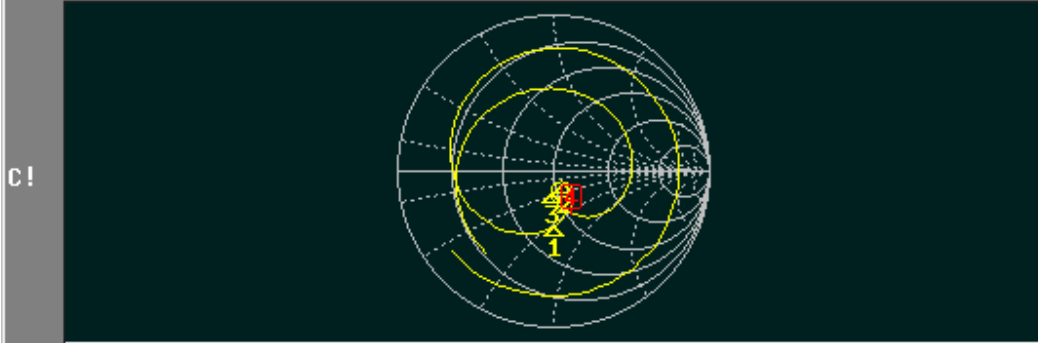
Parameter	Description
Antenna Type	External Antenna
Antenna Cover	SUS
Touch Type	Screw Type
Connector Type	PL259 (Male)
Antenna Dimensions	430mm \pm 3
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+90°C

2.FREQUENCY



2010/06/25 Fri 10:54:33

CH1 RFL SMITH(R+jX) MKR 4: 440.875MHz
FS 1.000 53.349 Ω -31.655 Ω



CH1 MARKER LIST

1:	410.875MHz	39.610 Ω	-31.084 Ω	12.461pF
2:	425.375MHz	55.197 Ω	-7.583 Ω	49.337pF
3:	433.000MHz	46.472 Ω	-13.133 Ω	27.987pF
4:	440.875MHz	53.349 Ω	-31.655 Ω	11.403pF
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG

PHASE

DELAY

SMITH
(R+jX)

SMITH
(G+jB)

POLAR

LIN MAG

More 1/2