

450Mhz Antenna

MODEL: TH-450B



1. GENERAL DESCRIPTION

Model No
TH450B-SMA-M

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

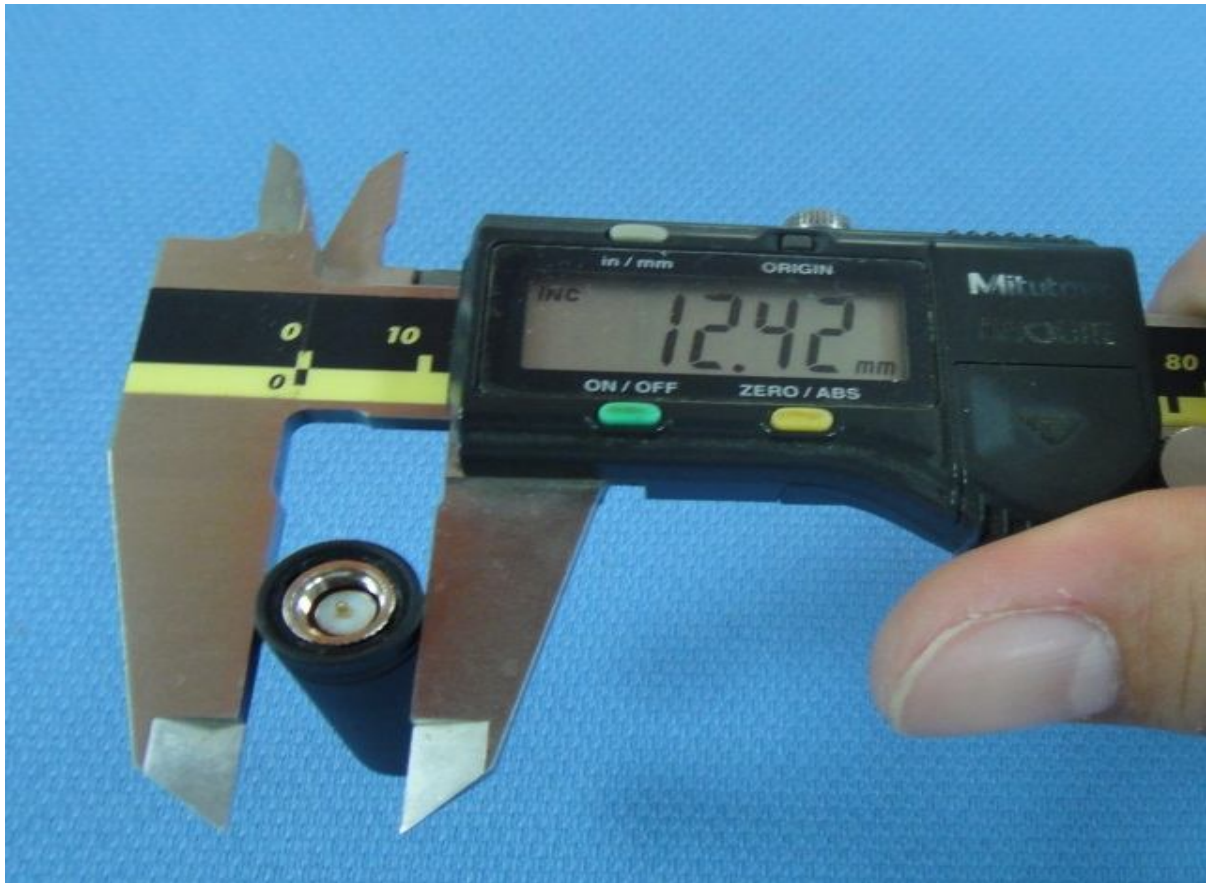
Parameter	Description
Frequency Band	440~460 MHz (450Mhz)
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1
Gain	0db

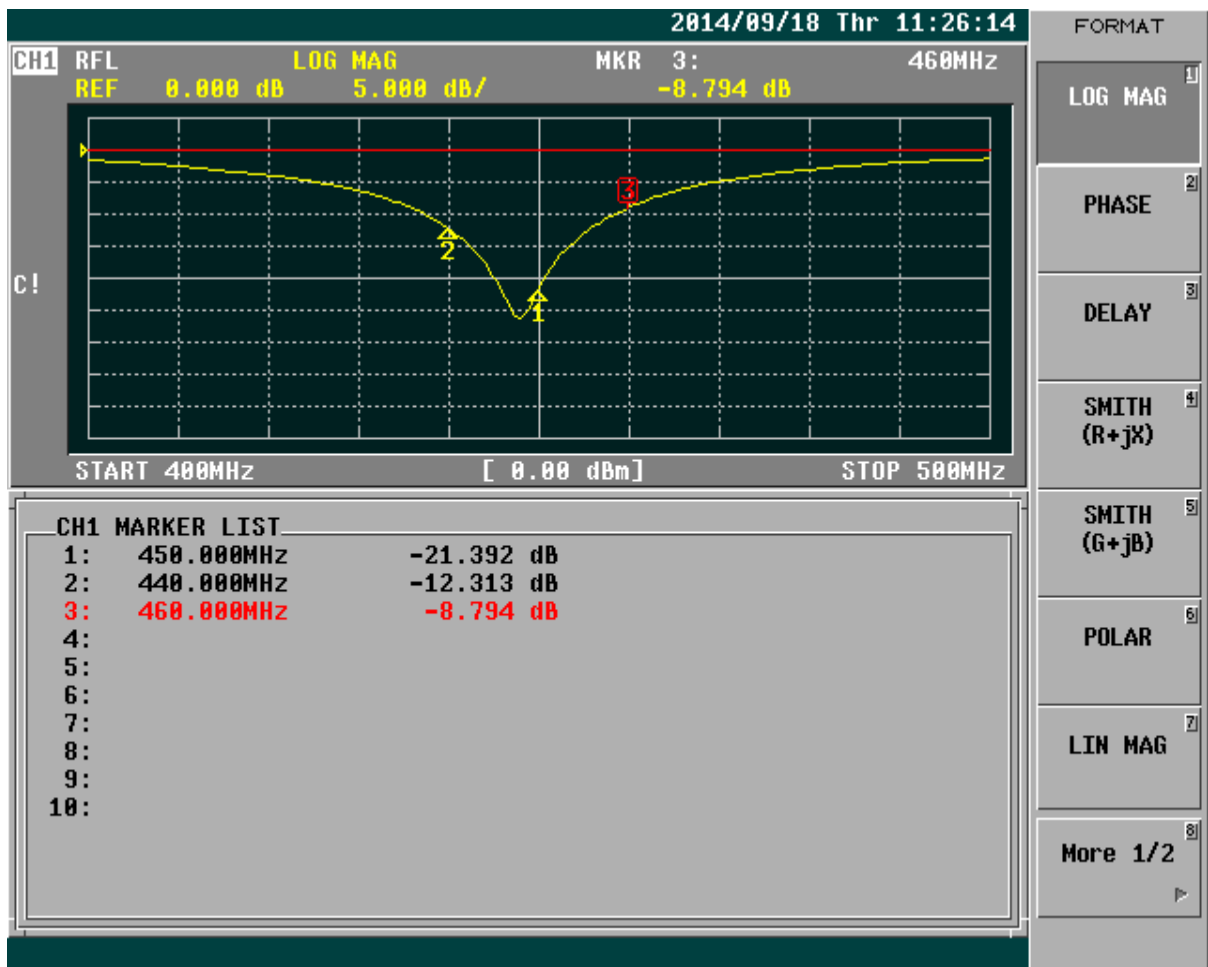
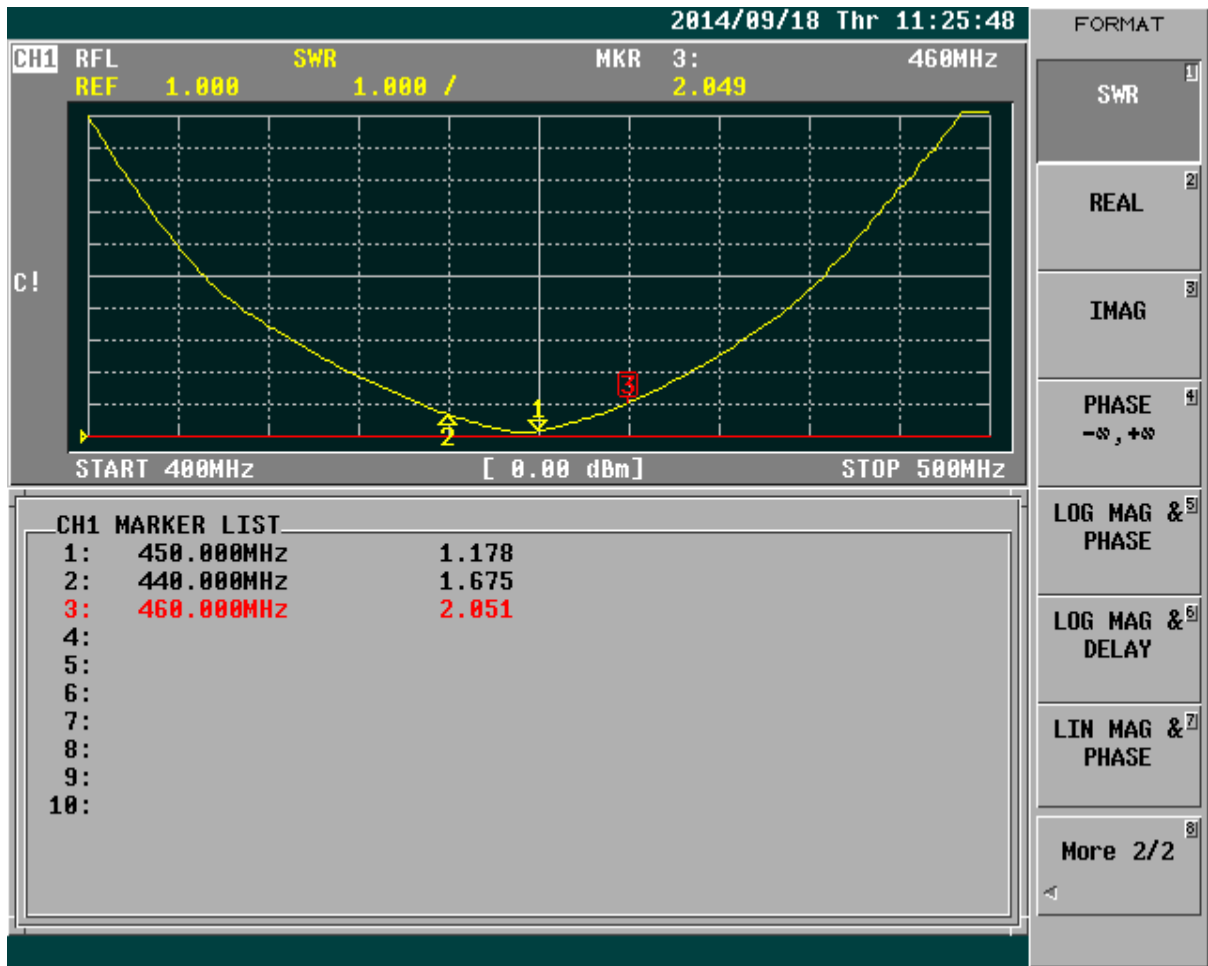
1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Antenna Cover	TPU
Touch Type	Screw Type
Connector Type	SMA 180°(Male)
Antenna Dimensions	50.4mm±0.5
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

*This specification is subject to change without prior notice

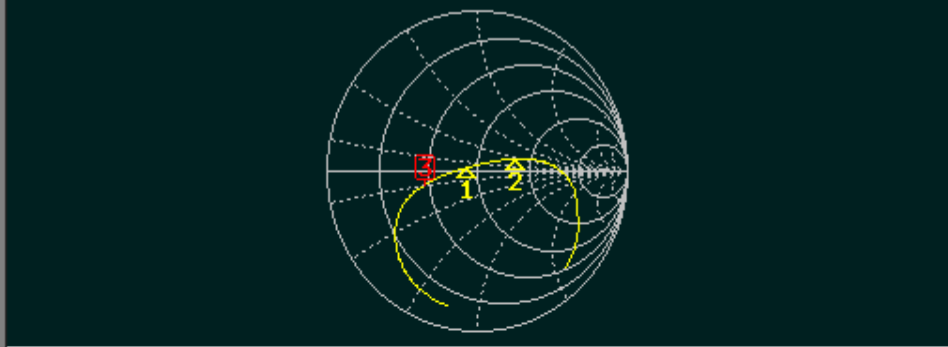






CH1 RFL SMITH(R+jX) MKR 3: 460MHz
 FS 1.000 23.719 Ω -4.797 Ω

C!



START 400MHz [0.00 dBm] STOP 500MHz

CH1 MARKER LIST

1:	450.000MHz	43.267 Ω	1.828 Ω	646.659pH
2:	440.000MHz	80.112 Ω	12.305 Ω	4.450nH
3:	460.000MHz	23.719 Ω	-4.797 Ω	72.126pF
4:				
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG

PHASE

DELAY

SMITH
(R+jX)

SMITH
(G+jB)

POLAR

LIN MAG

More 1/2