

VHF & UHF Antenna

MODEL: TH-170



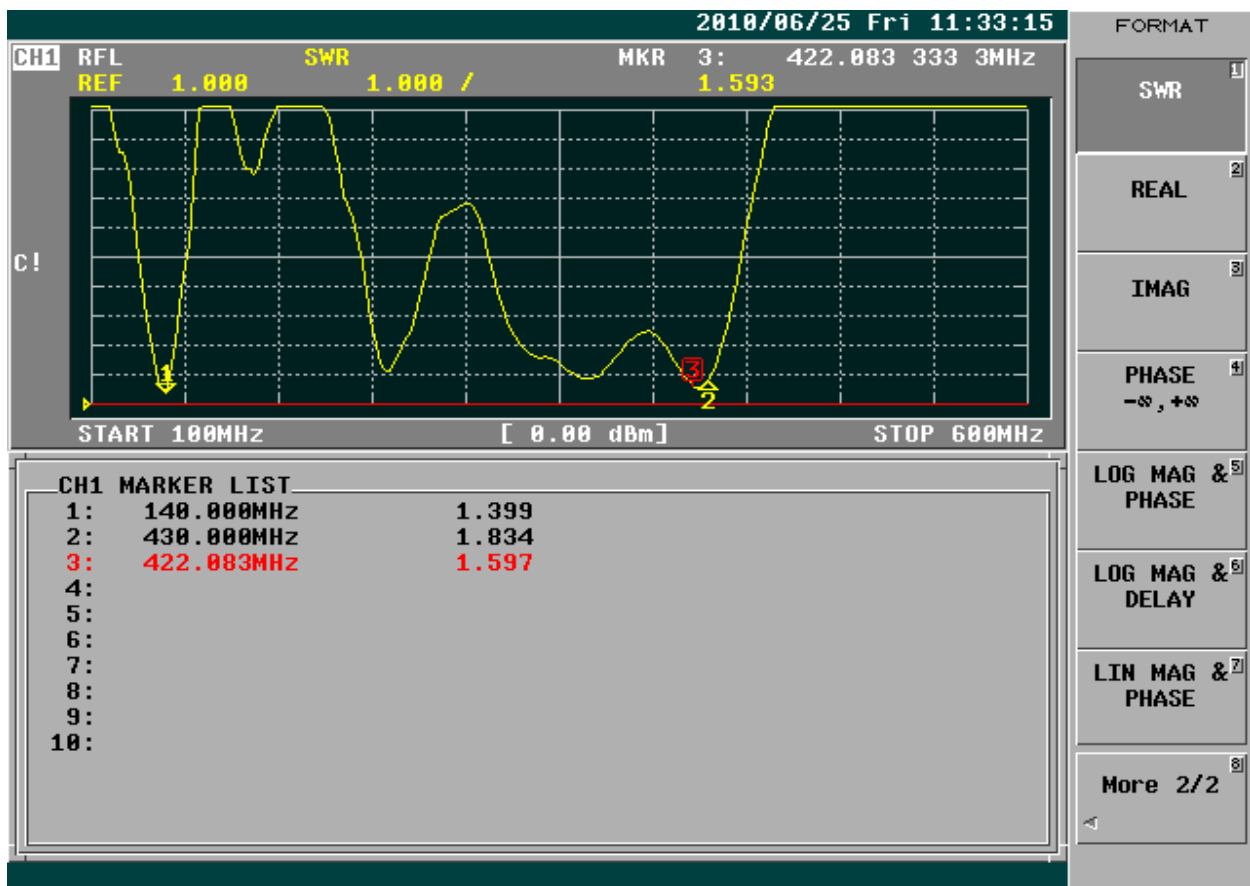
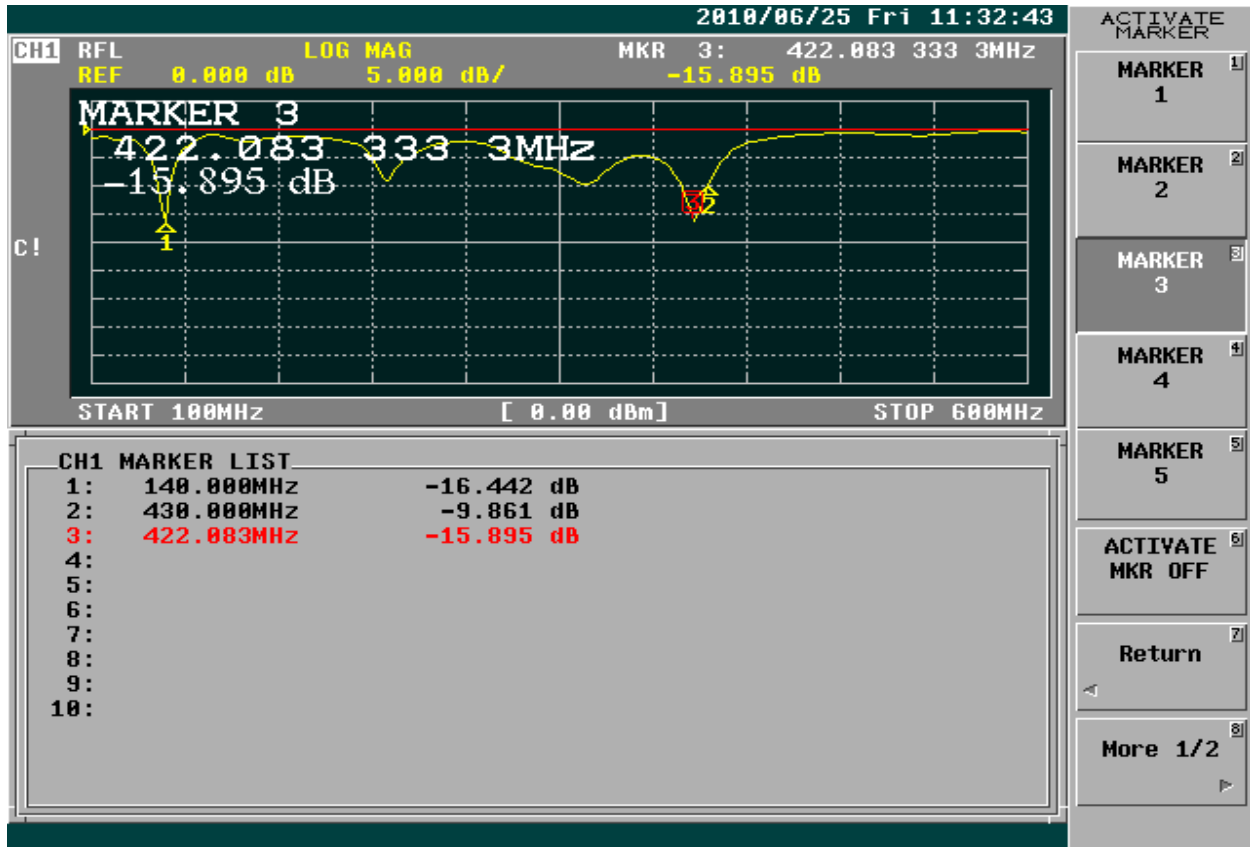
1.1 Electrical Properties

Parameter	Description
Frequency Band	144/430 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 / 2 λ Dipole
POWER	200W
V.S.W.R	2.0:1
Antenna Average Gain	3~5.5dBi
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Antenna Cover	SUS / ABS
Touch Type	Screw Type
Connector Type	PL259 (Male)
Antenna Dimensions	1000mm \pm 3
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+90°C

2.FREQUENCY

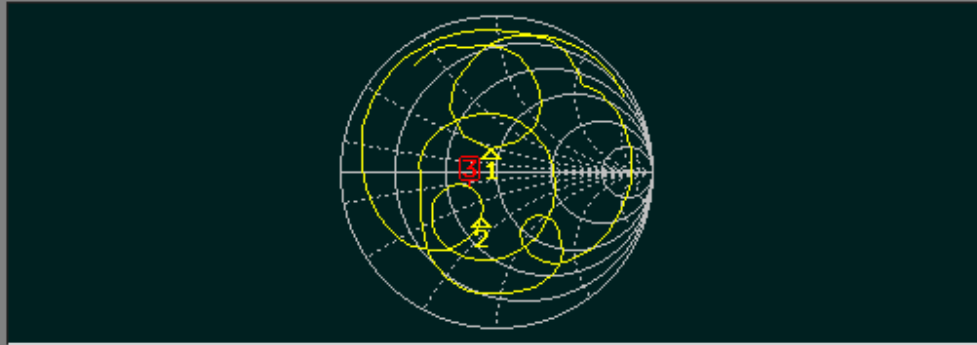


2010/06/25 Fri 11:33:50

FORMAT

CH1 RFL SMITH(R+jX) MKR 3: 422.083 333 3MHz
FS 1.000 34.452 Ω -7.826 Ω

C!



START 100MHz [0.00 dBm] STOP 600MHz

CH1 MARKER LIST

1:	140.000MHz	44.510 Ω	13.592 Ω	15.452nH
2:	430.000MHz	35.287 Ω	-22.388 Ω	16.532pF
3:	422.083MHz	34.452 Ω	-7.826 Ω	53.662pF
4:				
5:				
6:				
7:				
8:				
9:				
10:				

LOG MAG

PHASE

DELAY

SMITH
(R+jX)

SMITH
(G+jB)

POLAR

LIN MAG

More 1/2