

UHF Antenna

MODEL: TH-420B



1. GENERAL DESCRIPTION

Model No
TH420B-SMA90(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	410~430MHz (Fo:420Mhz) ON GND
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Gain	0-3db

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Antenna Material	ASA-UV
Touch Type	Screw Type
Connector Type	SMA 90(Male)
Antenna Dimensions	OD9.3 x 127mm \pm 2
Antenna Color	Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C

2. Appearance

NO.	NAME	Q. TY
01	ASA-UV Tube	01
02	SMA90(M)	01



3. Frequency





CH1 MARKER LIST

1:	410.000MHz	1.860	2.115
2:	420.000MHz	1.839	1.202
3:	430.000MHz	1.974	1.968
4:			
5:			
6:			
7:			
8:			
9:			
10:			

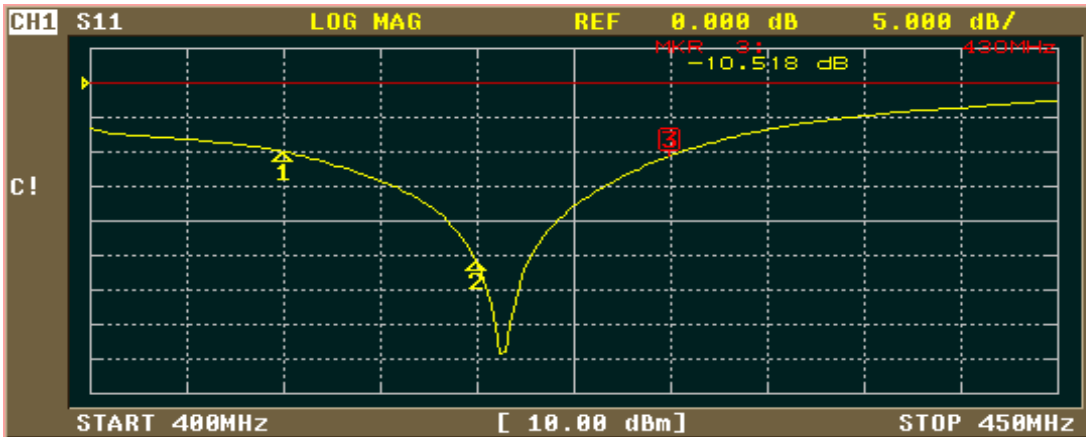
DISPLAY

DISPLAY DATA

DISPLAY MEMORY

DISPLAY DATA&MEM

Return



CH1 MARKER LIST

1:	410.000MHz	-9.110 dB
2:	420.000MHz	-26.048 dB
3:	430.000MHz	-10.517 dB
4:		
5:		
6:		
7:		
8:		
9:		
10:		

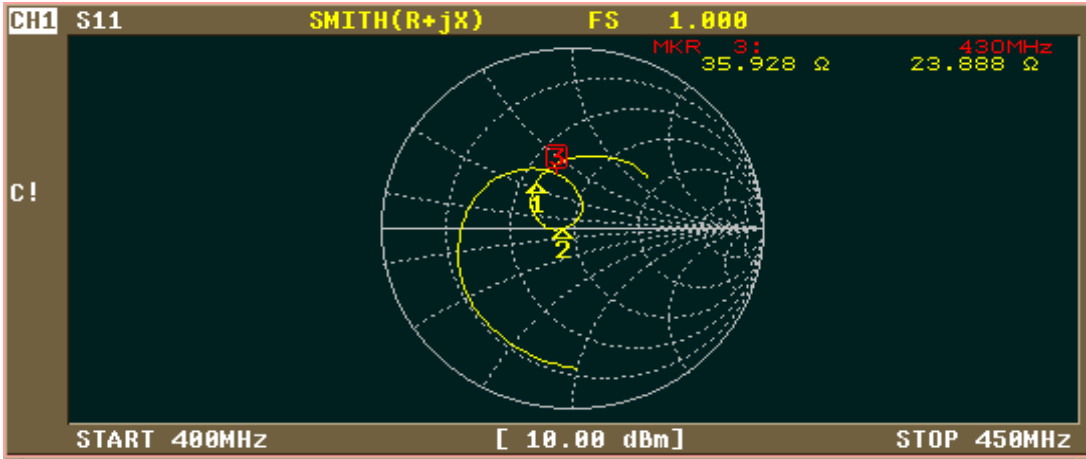
DISPLAY

DISPLAY DATA

DISPLAY MEMORY

DISPLAY DATA&MEM

Return



CH1 MARKER LIST

1:	410.000MHz	30.338 Ω	18.877 Ω	7.327nH
2:	420.000MHz	45.420 Ω	72.380mΩ	27.427pH
3:	430.000MHz	35.928 Ω	23.888 Ω	8.841nH
4:				
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

More 1/2