

1.25Ghz Whip Antenna

MODEL: TH-1250B



1. GENERAL DESCRIPTION

Model No	P/N
TH-1250B	TH1250B-SMA(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

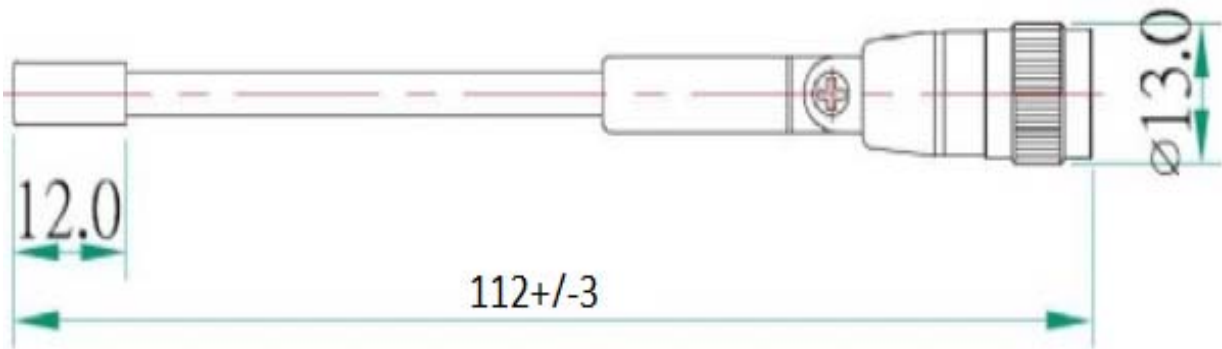
Parameter	Description
Frequency Band	1200~1300 MHz (1250Mhz)
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Gain	0db

1.2 Mechanical Properties

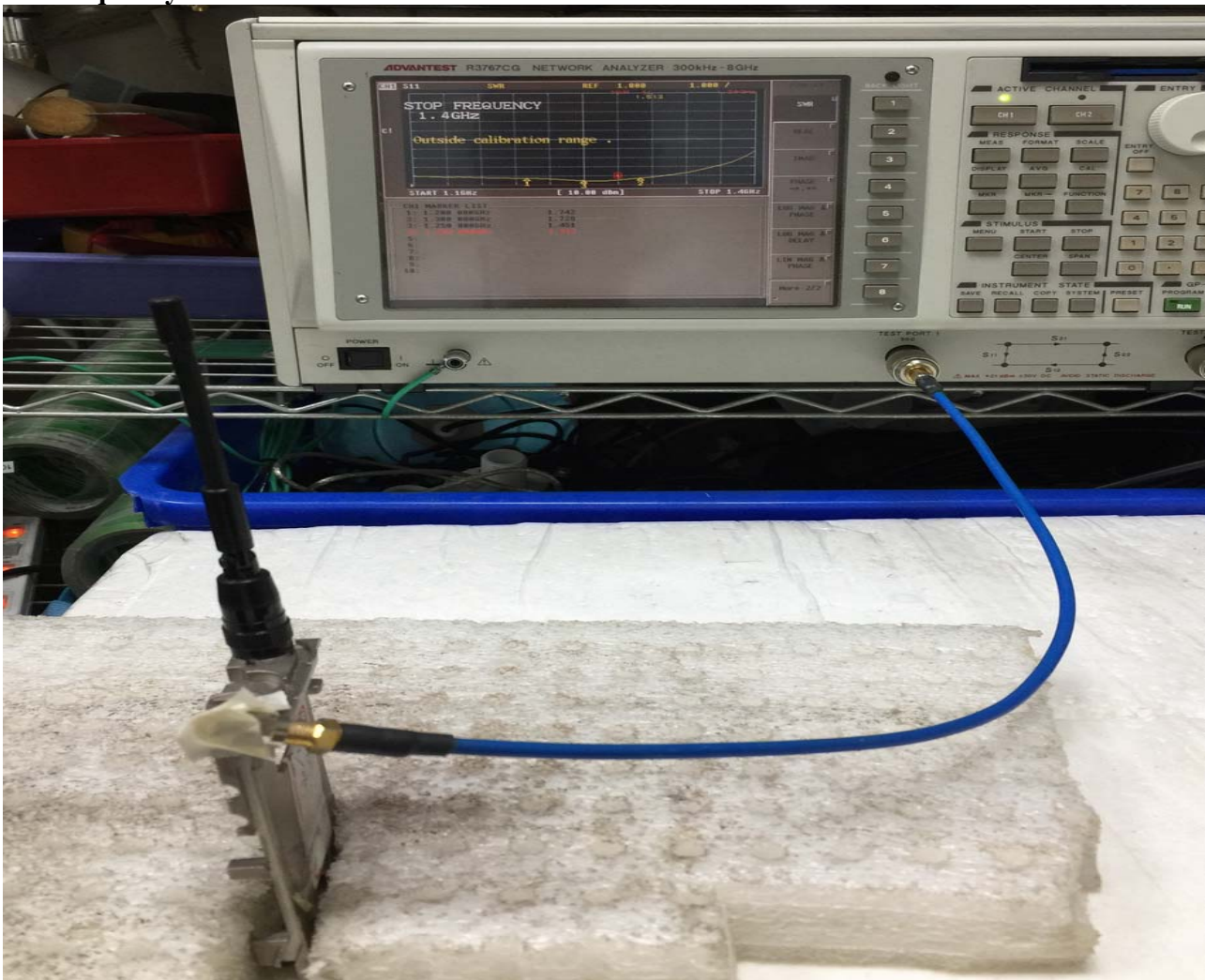
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type

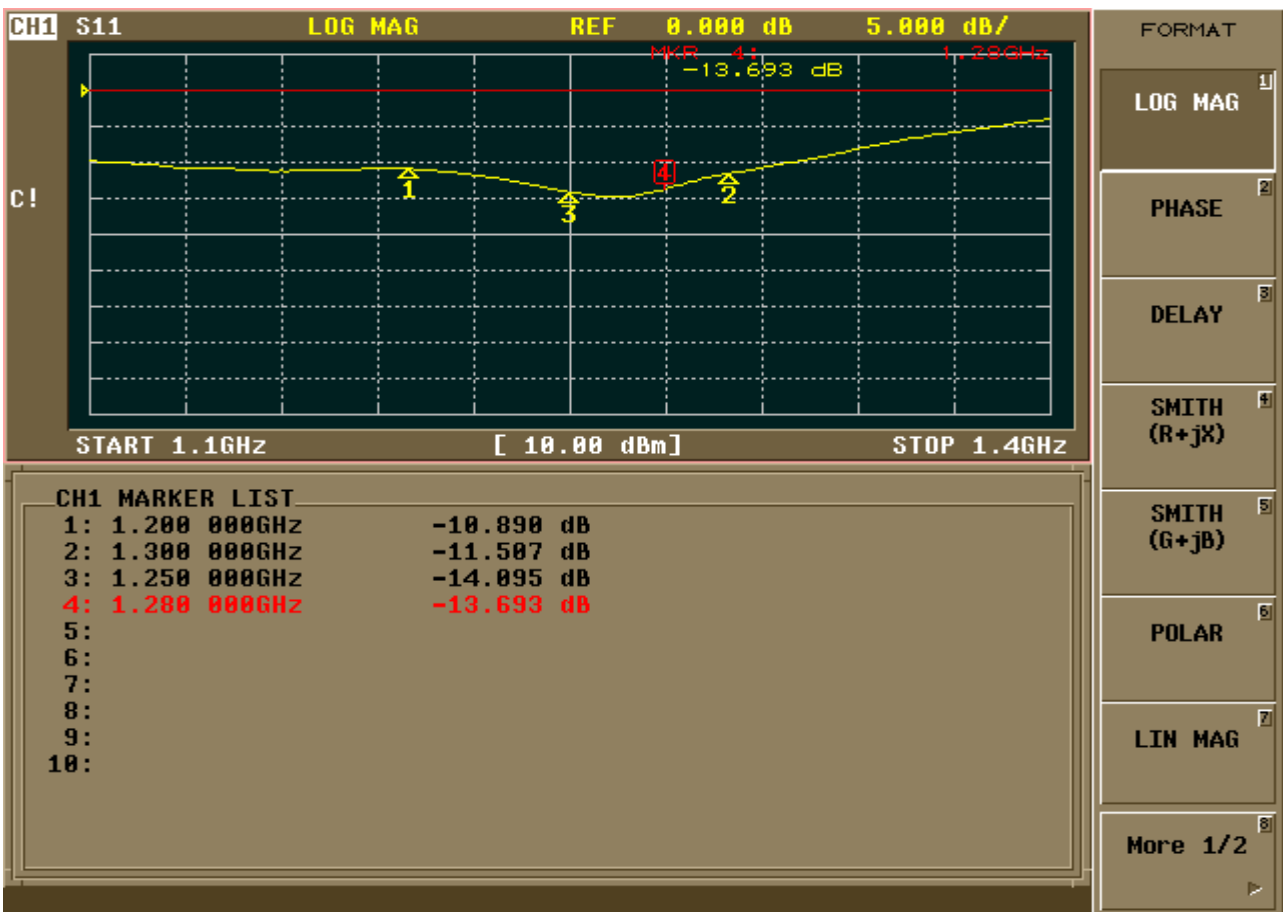
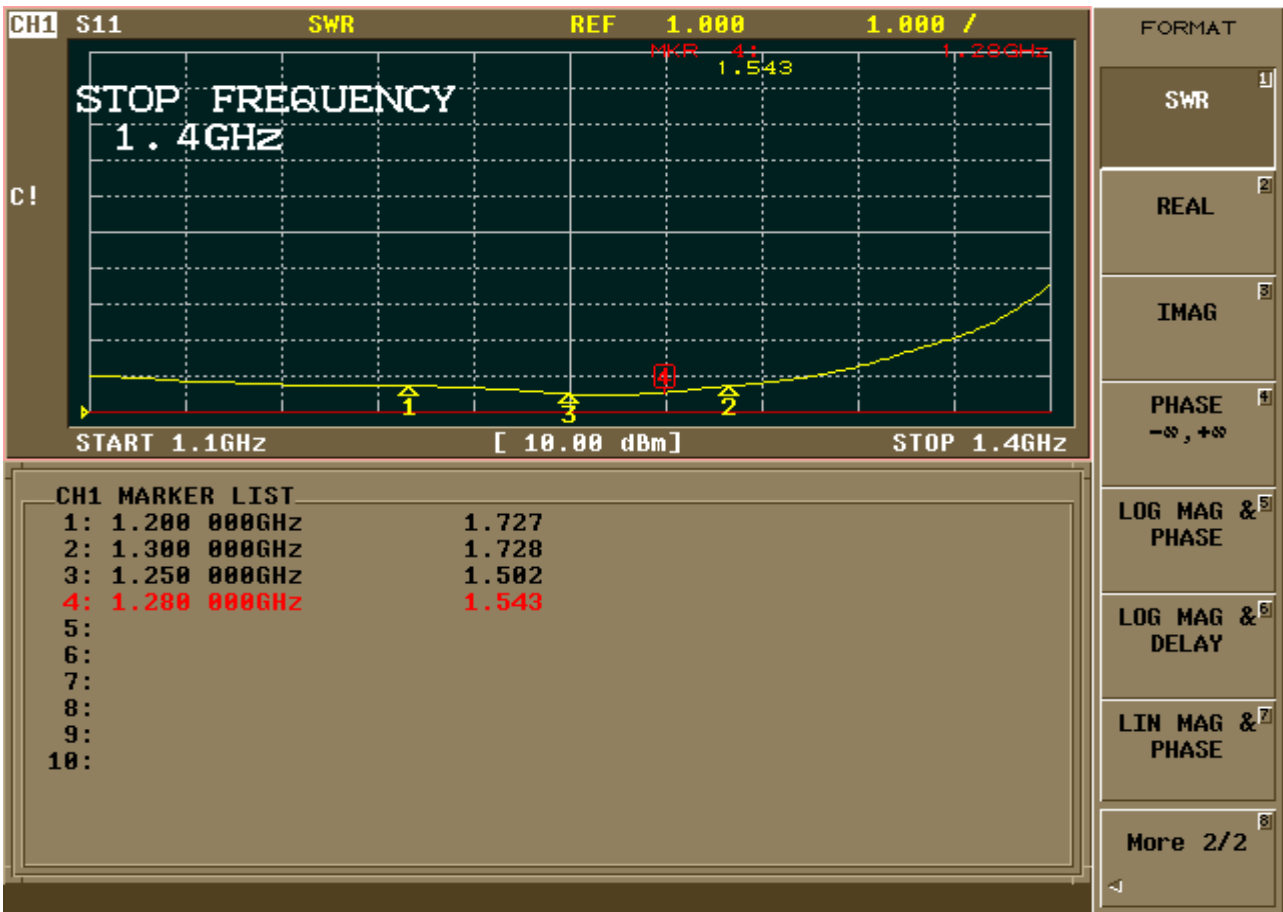
Connector Type	SMA(Male)
Antenna Dimensions	112mm \pm 3
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

2. Appearance



3. Frequency







CH1 MARKER LIST

1:	1.200 000GHz	28.825 Ω	-7.521 Ω	17.632pF
2:	1.300 000GHz	44.828 Ω	25.453 Ω	3.116nH
3:	1.250 000GHz	60.861 Ω	-19.168 Ω	6.645pF
4:	1.280 000GHz	65.474 Ω	18.517 Ω	2.302nH
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG 1

PHASE 2

DELAY 5

SMITH (R+jX) 4

SMITH (G+jB) 5

POLAR 6

LIN MAG 7

More 1/2 8