

SUS WHIP VHF ANTENNA

Model : TH-160B



VHF Antenna Specifications:

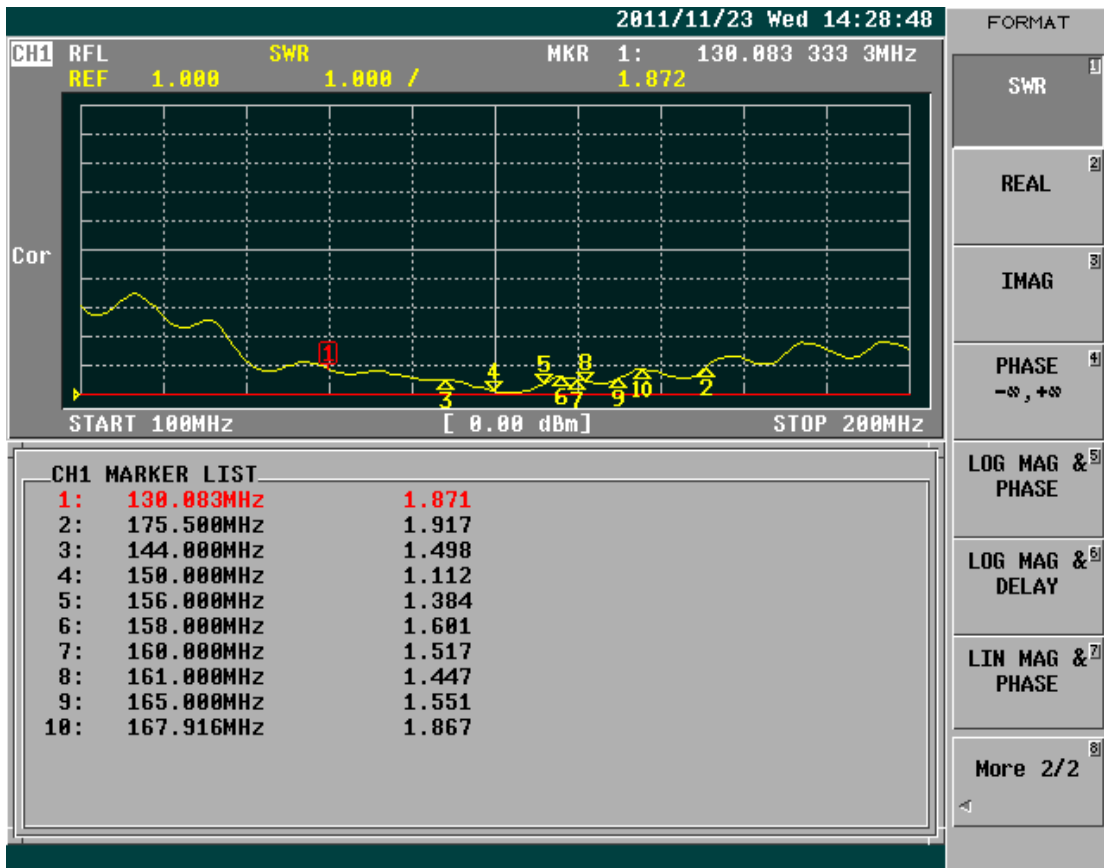
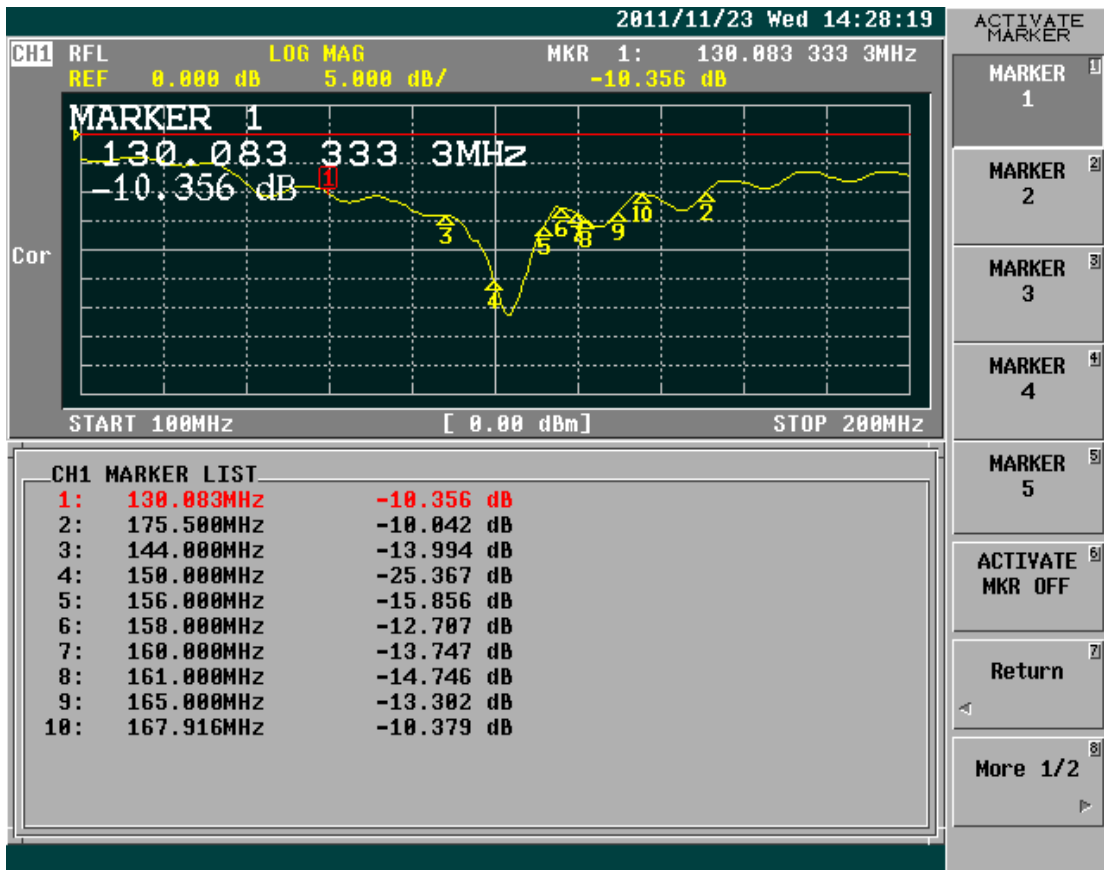
Frequency range:	130-175Mhz
Gain:	1dBi
V.S.W.R:	<2.0
Impedence:	50 ohm
Connector:	SMA male
Dimension:	355mm +/-10 x OD14.7mm(SUS Whip 3.0mm)
Weight:	45g
Polarization :	vertical
Power handling :	50W
Colour :	Black
Rated wind velocity :	60m/s
Working Temperature :	-40~60°C
Lightning Protection :	Direct Ground

* This specification is subject to change without prior notice

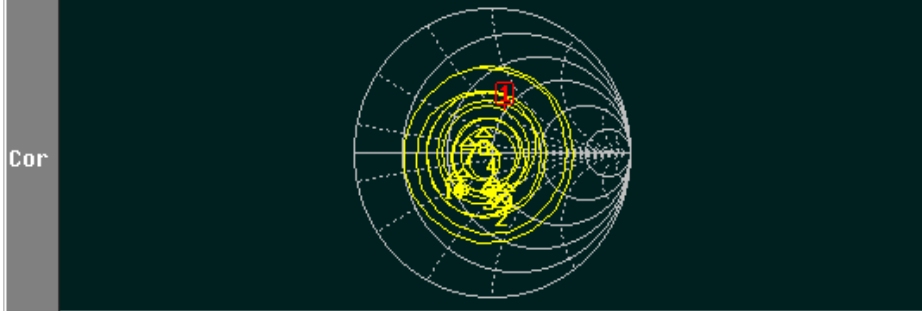
Data Updated: Dec.07, 2011

GND 70x85mm FB6 SUS L- mounting & 10M cable test





CH1 RFL SMITH(R+jX) MKR 1: 130.083 333 3MHz
 FS 1.000 50.244 Ω 31.680 Ω



START 100MHz [0.00 dBm] STOP 200MHz

CH1 MARKER LIST

1:	130.083MHz	50.244 Ω	31.680 Ω	38.760nH
2:	175.500MHz	46.675 Ω	-31.871 Ω	28.454pF
3:	144.000MHz	43.787 Ω	-18.010 Ω	61.366pF
4:	150.000MHz	49.867 Ω	5.433 Ω	5.765nH
5:	156.000MHz	47.412 Ω	-15.645 Ω	65.208pF
6:	158.000MHz	32.199 Ω	-6.898 Ω	146.025pF
7:	160.000MHz	34.547 Ω	8.108 Ω	8.065nH
8:	161.000MHz	41.542 Ω	14.699 Ω	14.531nH
9:	165.000MHz	56.261 Ω	-22.633 Ω	42.616pF
10:	167.916MHz	27.688 Ω	-7.434 Ω	127.481pF

FORMAT

LOG MAG

PHASE

DELAY

SMITH
(R+jX)

SMITH
(G+jB)

POLAR

LIN MAG

More 1/2