

1.4Ghz Antenna

MODEL: TH-1400A



1. GENERAL DESCRIPTION

Model No	P/N
TH-1400A	TH1400A-SMA(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties


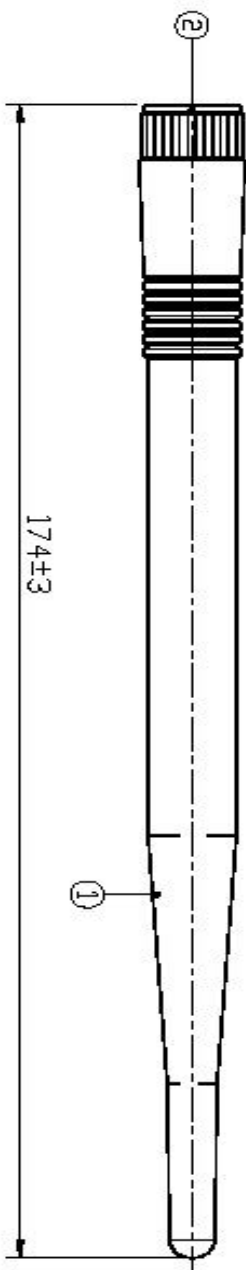
Parameter	Description
Frequency Band	1350~1450 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Gain	2db

1.2 Mechanical Properties

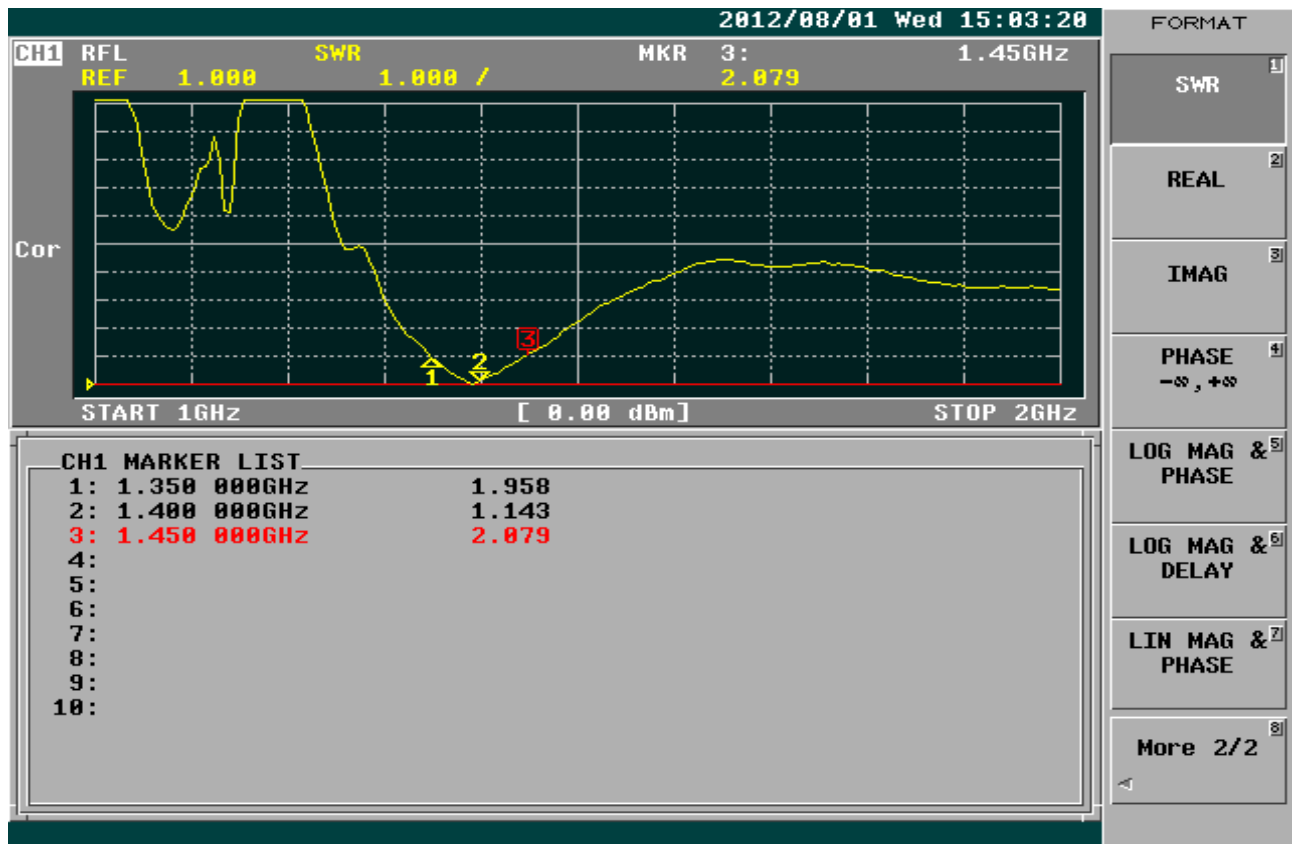
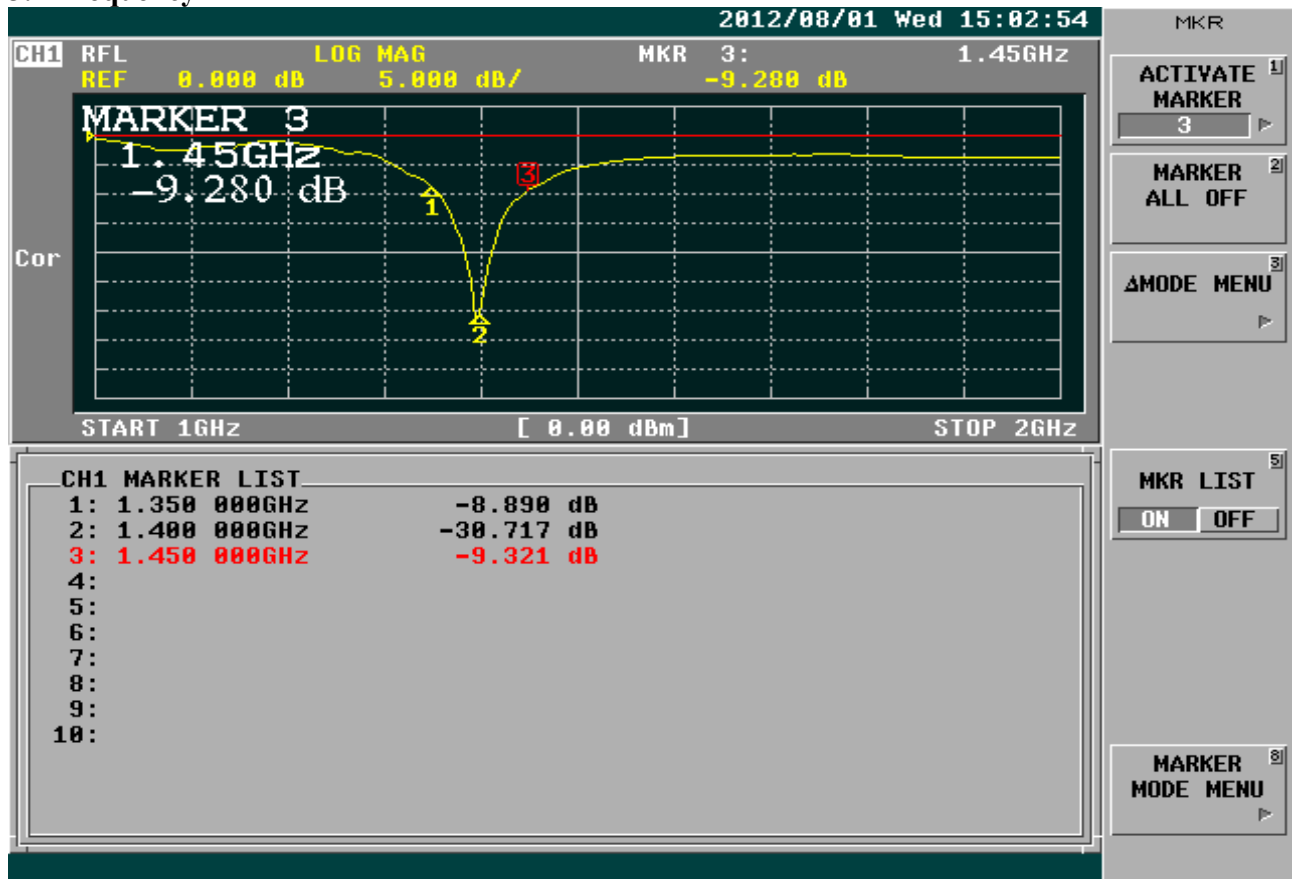
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA (Male)

Antenna Dimensions	174mm \pm 3
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

2. Appearance

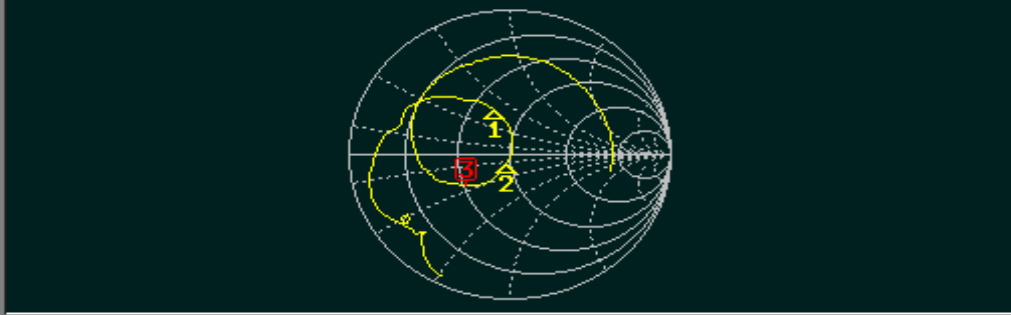
 Third angle projection				<table border="1"> <thead> <tr> <th>NO.</th> <th>NAME</th> <th>FINISH</th> <th>Q. TY</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Core tube</td> <td>Black</td> <td>01</td> </tr> <tr> <td>02</td> <td>SMA 180° (Male)</td> <td>Chrom plating</td> <td>01</td> </tr> </tbody> </table>		NO.	NAME	FINISH	Q. TY	01	Core tube	Black	01	02	SMA 180° (Male)	Chrom plating	01
NO.	NAME	FINISH	Q. TY														
01	Core tube	Black	01														
02	SMA 180° (Male)	Chrom plating	01														
CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION										
	X. XA40.15		180-180MHz	N/A		20120717	2										
TOLERANCE	APPEARANCE																
SURFACE ROUGHNESS																	

3. Frequency



CH1 RFL SMITH(R+jX) MKR 3: 1.45GHz
 FS 1.000 26.185 Ω -12.618 Ω

Cor



START 1GHz [0.00 dBm] STOP 2GHz

CH1 MARKER LIST

1:	1.350 000GHz	33.905 Ω	23.794 Ω	2.805nH
2:	1.400 000GHz	47.495 Ω	-5.773 Ω	19.690pF
3:	1.450 000GHz	26.170 Ω	-12.632 Ω	8.688pF
4:				
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG

PHASE

DELAY

SMITH
(R+jX)

SMITH
(G+jB)

POLAR

LIN MAG

More 1/2