

# UHF ANTENNA

MODEL: TH-395



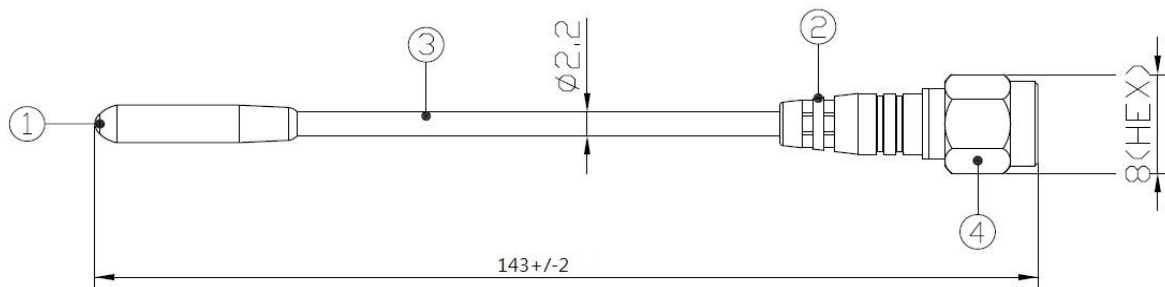
## 1.1 Electrical Properties


Parameter	Description
Frequency Band	380-410 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1
Antenna Average Gain	0dBi
Note: Gain includes the cable loss	

## 1.2 Mechanical Properties

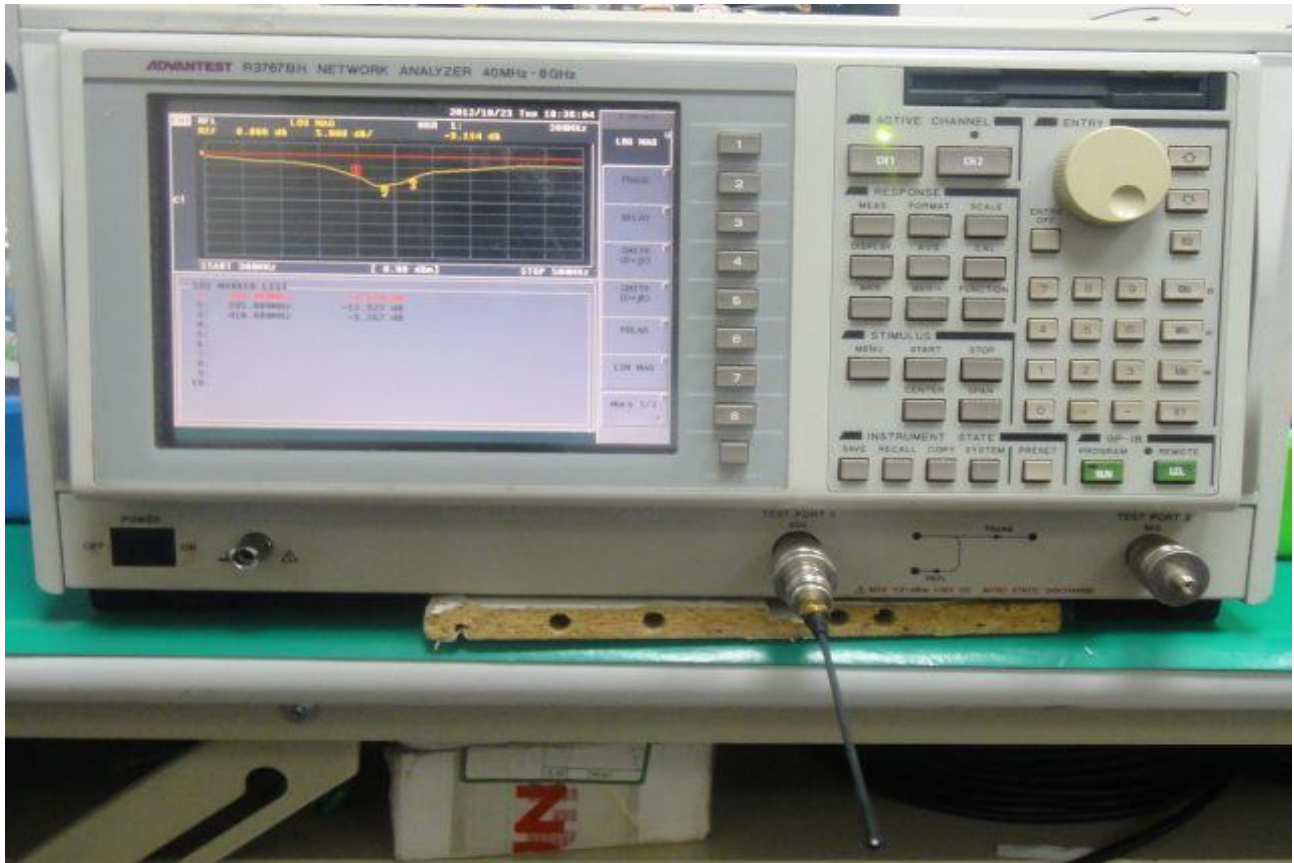
Parameter	Description
Antenna Type	External Antenna
Antenna	SUS
Touch Type	Screw Type
Connector Type	SMA 180°(Male)
Antenna Dimensions	143mm±2
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+80°C

NO.	NAME	FINISH	Q, TY
01	TOP	Black	01
02	Sheath	Black	01
03	Stem guide		01
04	SMA 180° (Male)	Colden plating	01

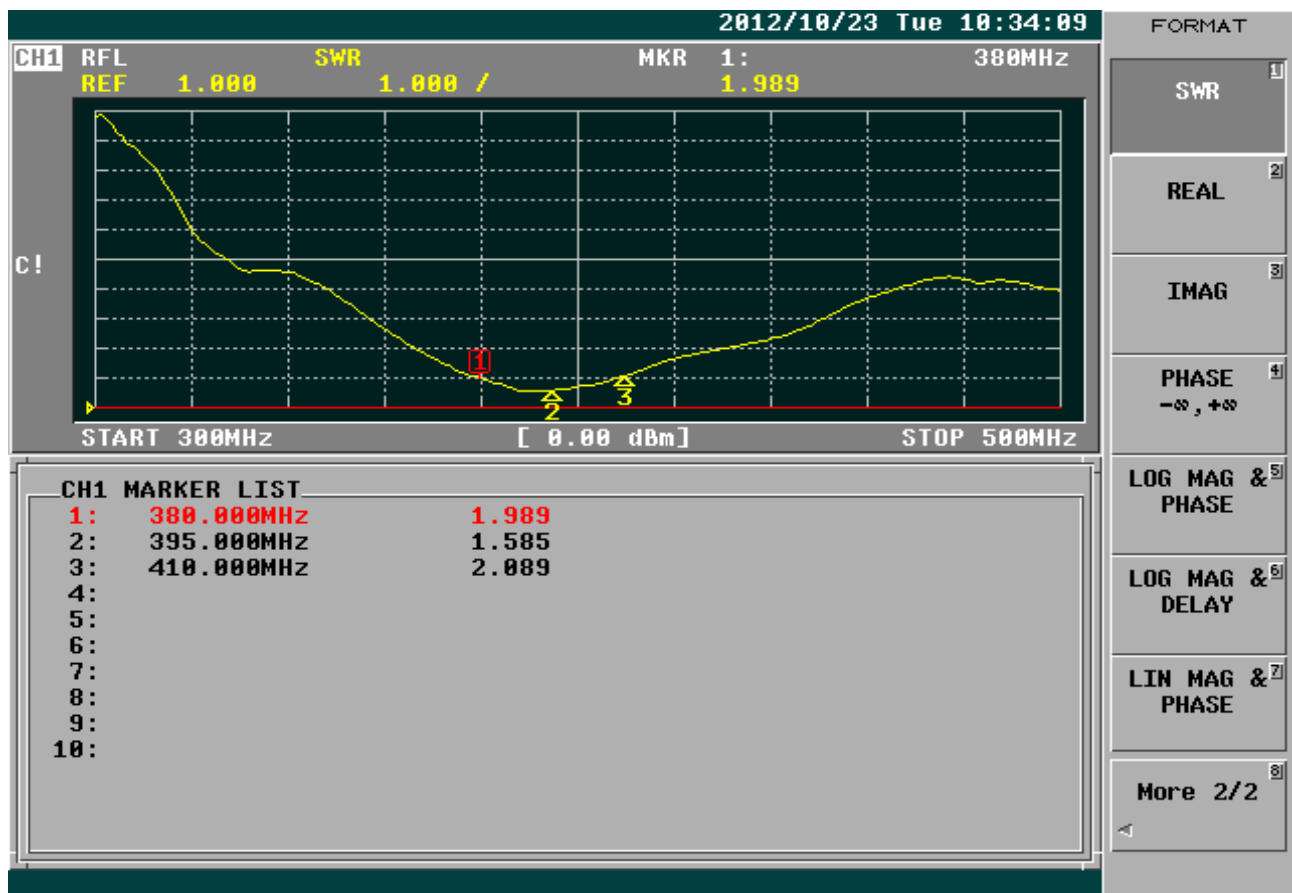
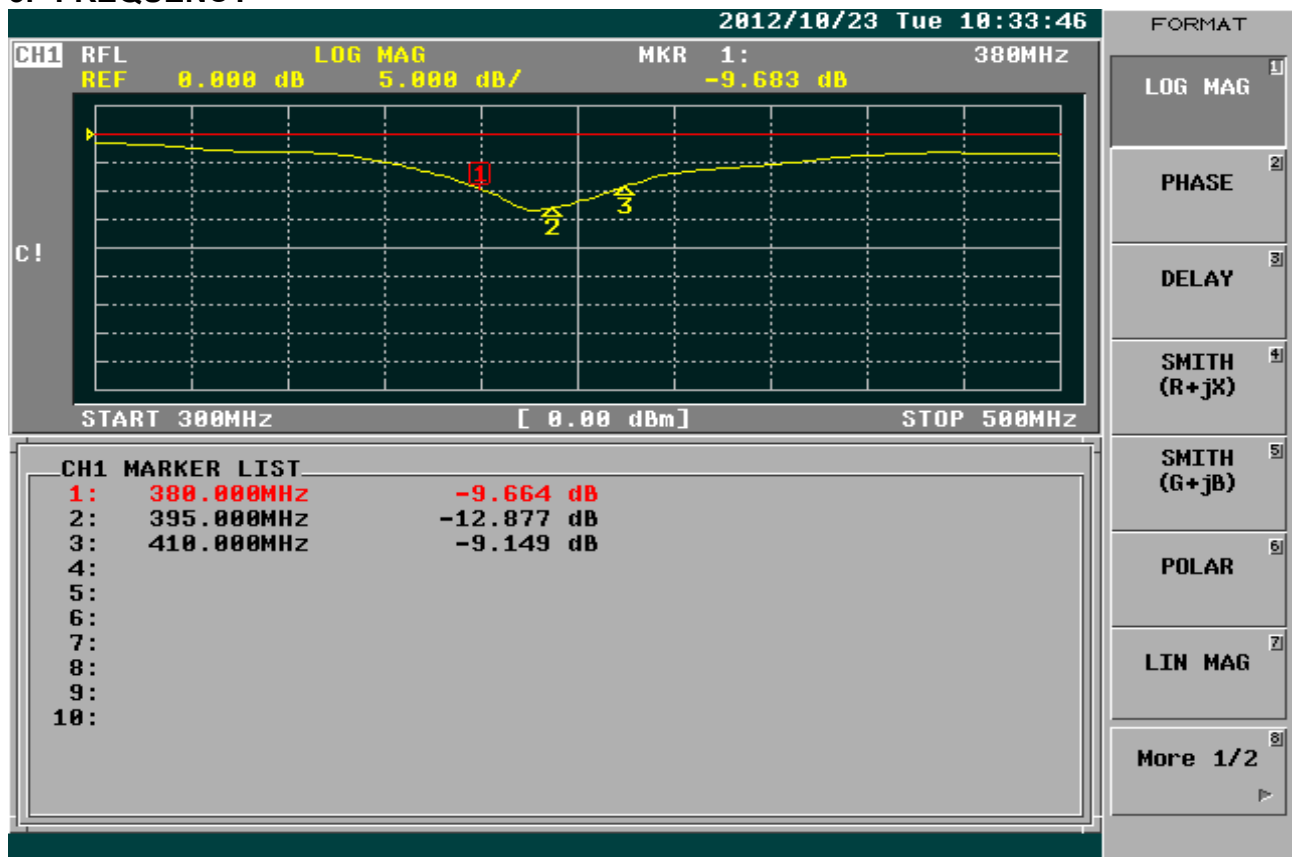


 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				TH395-SMA	380-410MHZ	M/M		20120709
	TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\sqrt{S}$	APPEARANCE					

## 2. APPEARANCE

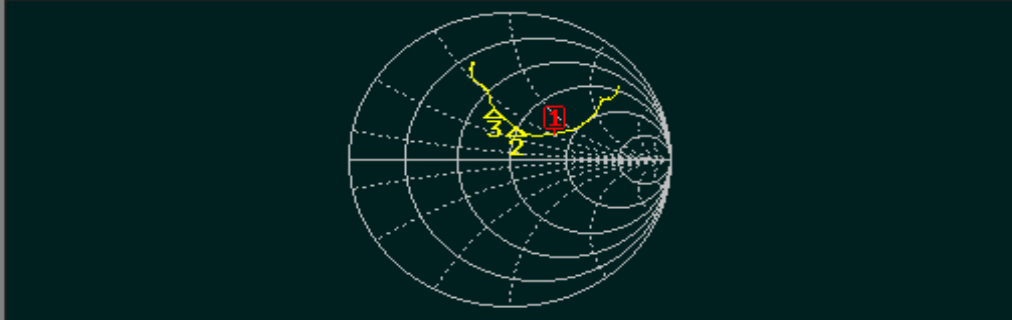


### 3. FREQUENCY



CH1 RFL SMITH(R+jX) MKR 1: 380MHz  
 FS 1.000 79.786 Ω 31.651 Ω

C!



START 300MHz [ 0.00 dBm] STOP 500MHz

CH1 MARKER LIST

1:	380.000MHz	79.786 Ω	31.651 Ω	13.256nH
2:	395.000MHz	48.752 Ω	22.649 Ω	9.126nH
3:	410.000MHz	32.809 Ω	26.301 Ω	10.209nH
4:				
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

More 1/2