

# UHF ANTENNA

MODEL: TH-385



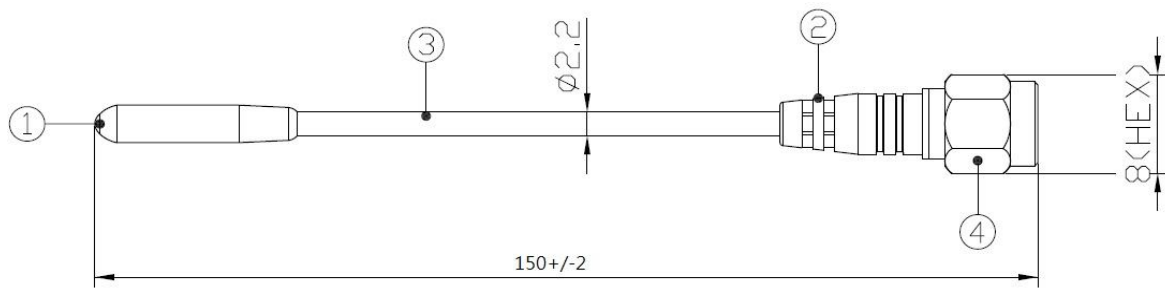
## 1.1 Electrical Properties

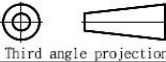
Parameter	Description
Frequency Band	370-400 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1
Antenna Average Gain	0dBi
Note: Gain includes the cable loss	

## 1.2 Mechanical Properties

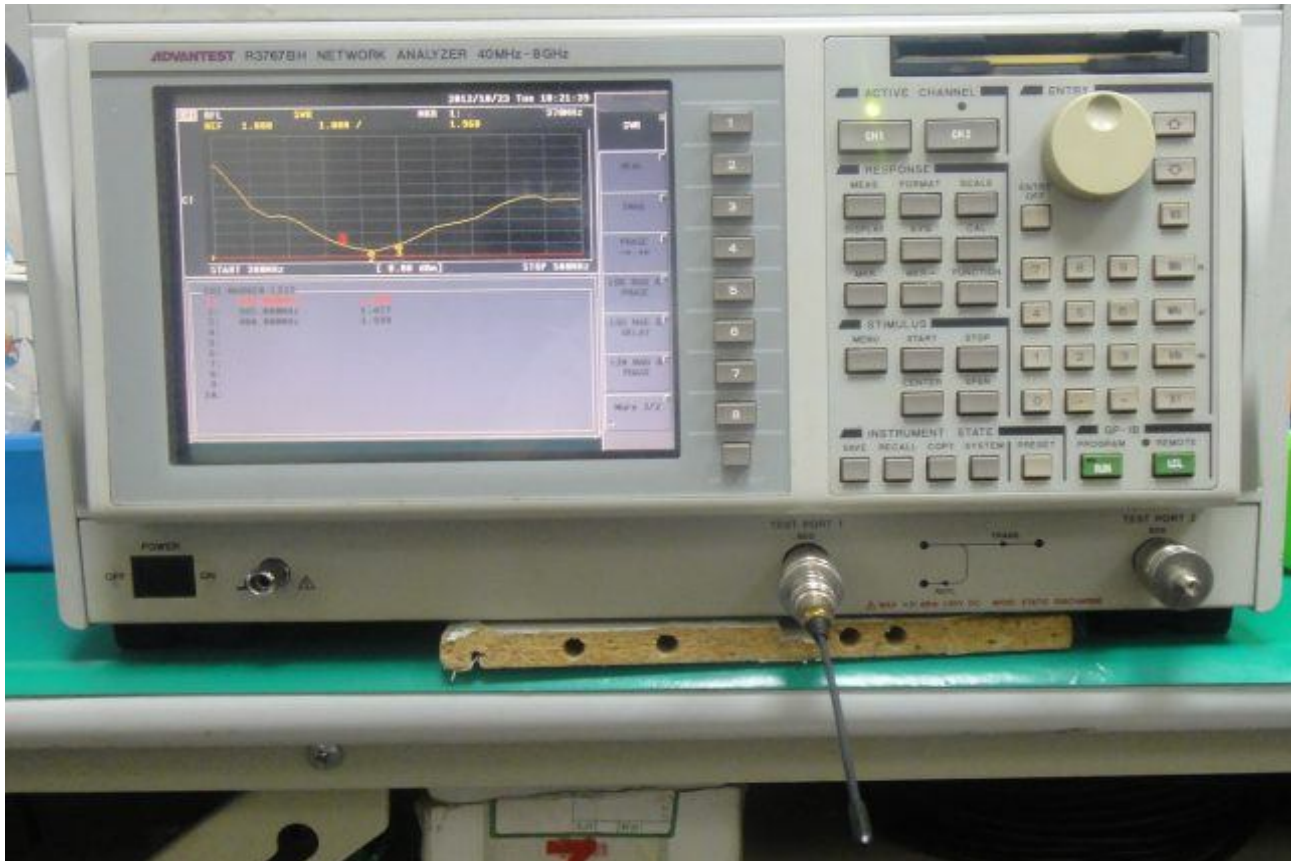
Parameter	Description
Antenna Type	External Antenna
Antenna	SUS
Touch Type	Screw Type
Connector Type	SMA 180°(Male)
Antenna Dimensions	150mm±2
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+80°C

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

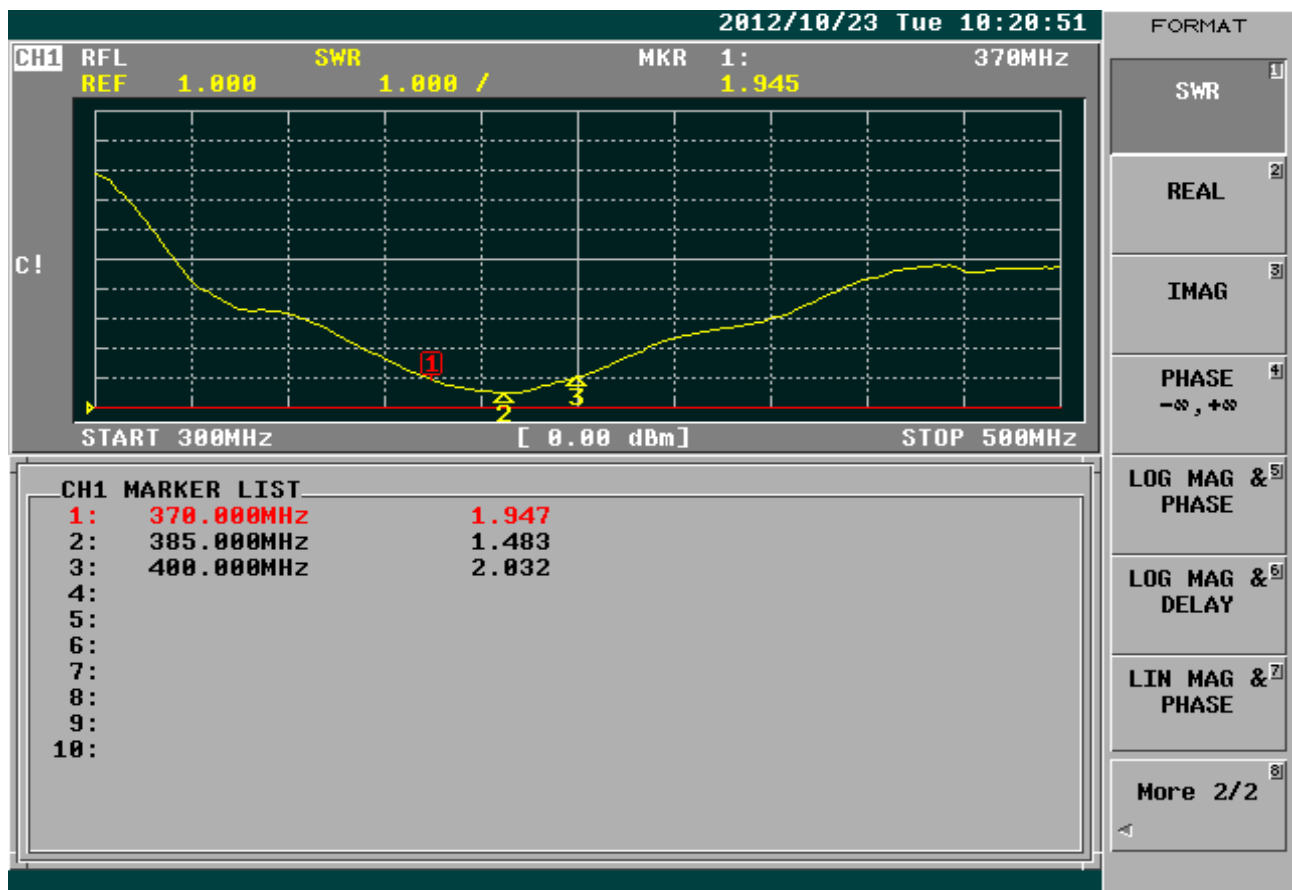
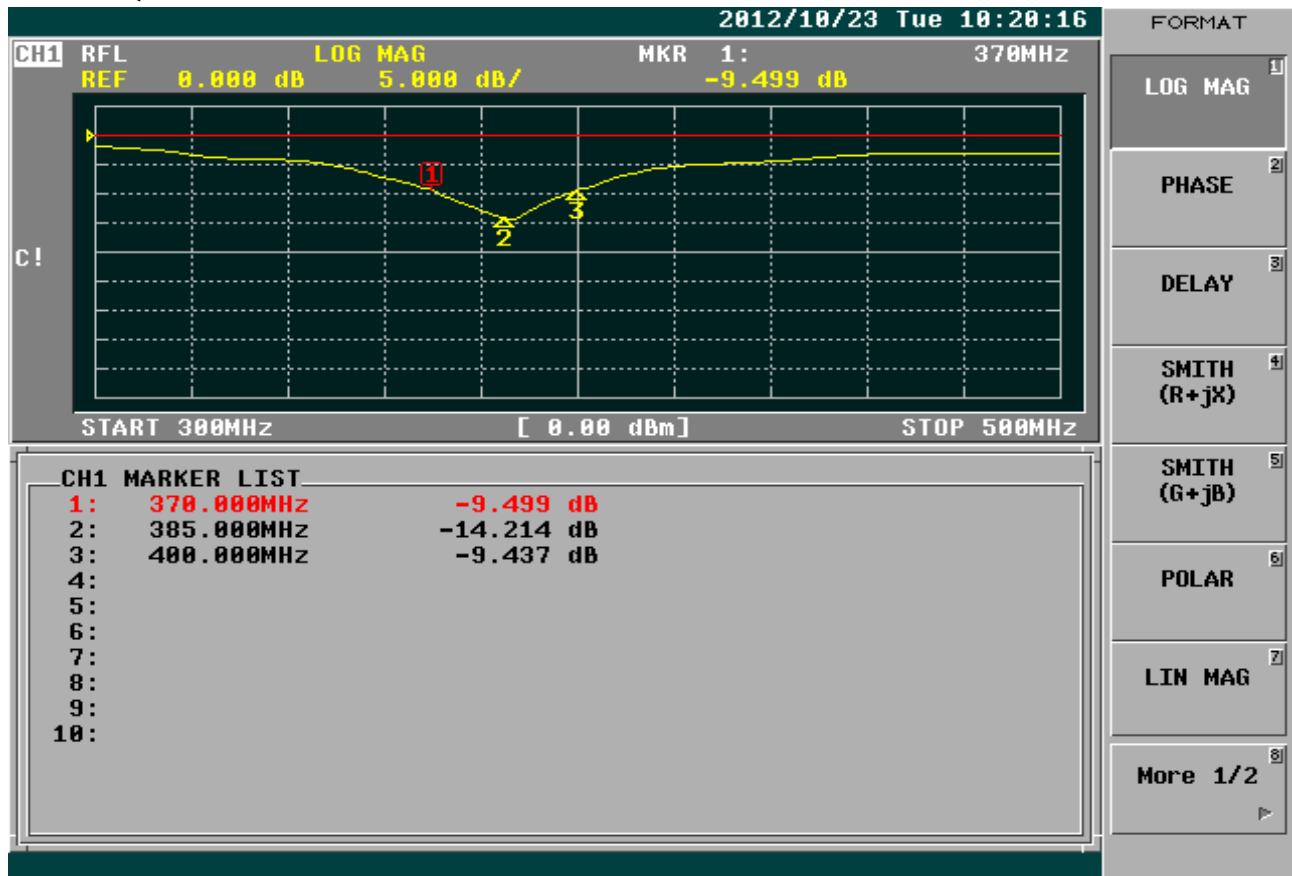


 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				TH385-SMA	370-400Mhz	M/M		20120709
	TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\sqrt{S}$	APPEARANCE					

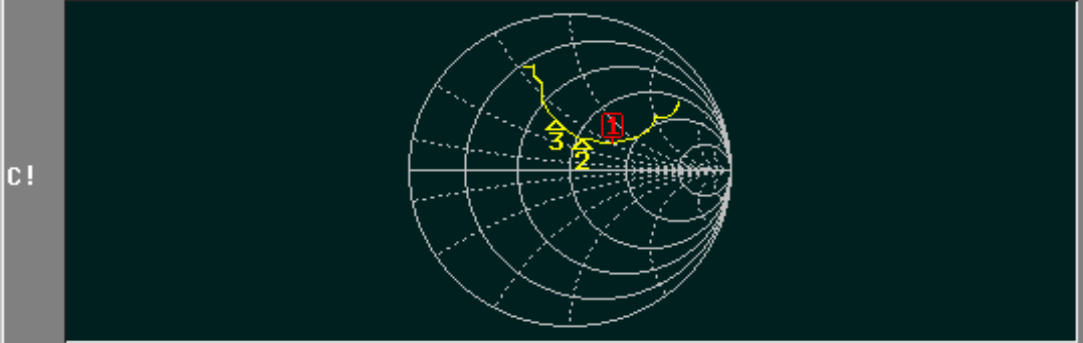
## 2. APPEARANCE



### 3. FREQUENCY



CH1 RFL SMITH(R+jX) MKR 1: 370MHz  
 FS 1.000 78.395 Ω 29.648 Ω



START 300MHz [ 0.00 dBm] STOP 500MHz

CH1 MARKER LIST

1:	370.000MHz	78.395 Ω	29.648 Ω	12.753nH
2:	385.000MHz	52.291 Ω	22.132 Ω	9.149nH
3:	400.000MHz	34.412 Ω	25.289 Ω	10.062nH
4:				
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG <sup>1</sup>

PHASE <sup>2</sup>

DELAY <sup>3</sup>

SMITH (R+jX) <sup>4</sup>

SMITH (G+jB) <sup>5</sup>

POLAR <sup>6</sup>

LIN MAG <sup>7</sup>

More 1/2 <sup>8</sup>