

## 2.4G Gooseneck WIFI Antenna

### MODEL: TH-2400A-TNC(M)



#### 1. GENERAL DESCRIPTION

Model No	P/N
TH-2400A	TH2400A-TNC(M)

Below is a table summarizing the antenna design specification.

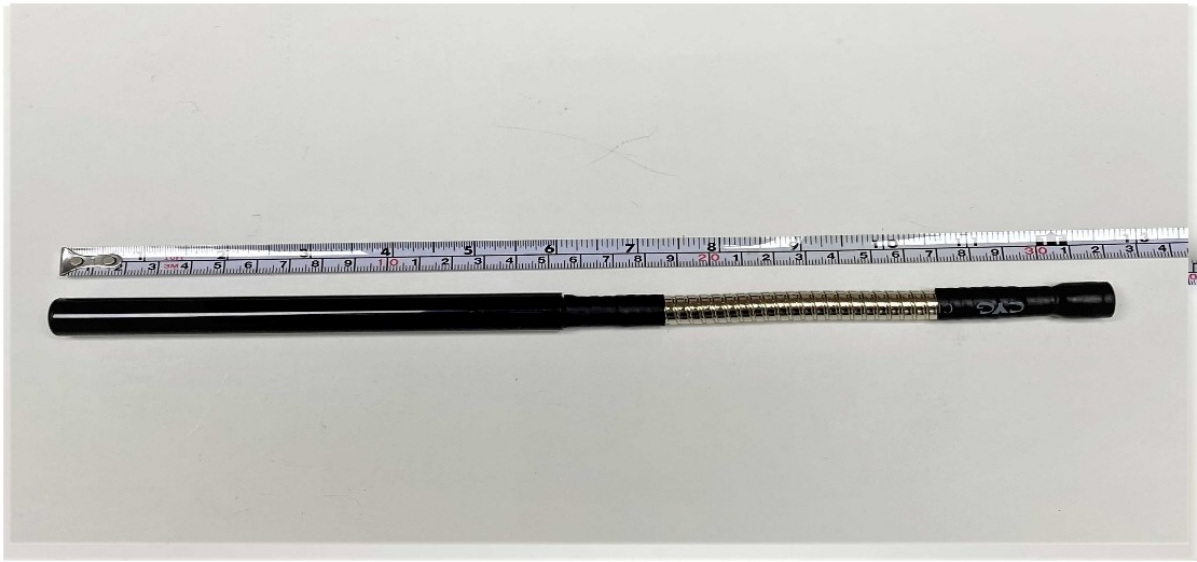
##### 1.1 Electrical Properties



Parameter	Description
Frequency Band	2.4~2.5Ghz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Gain	3db

##### 1.2 Mechanical Properties

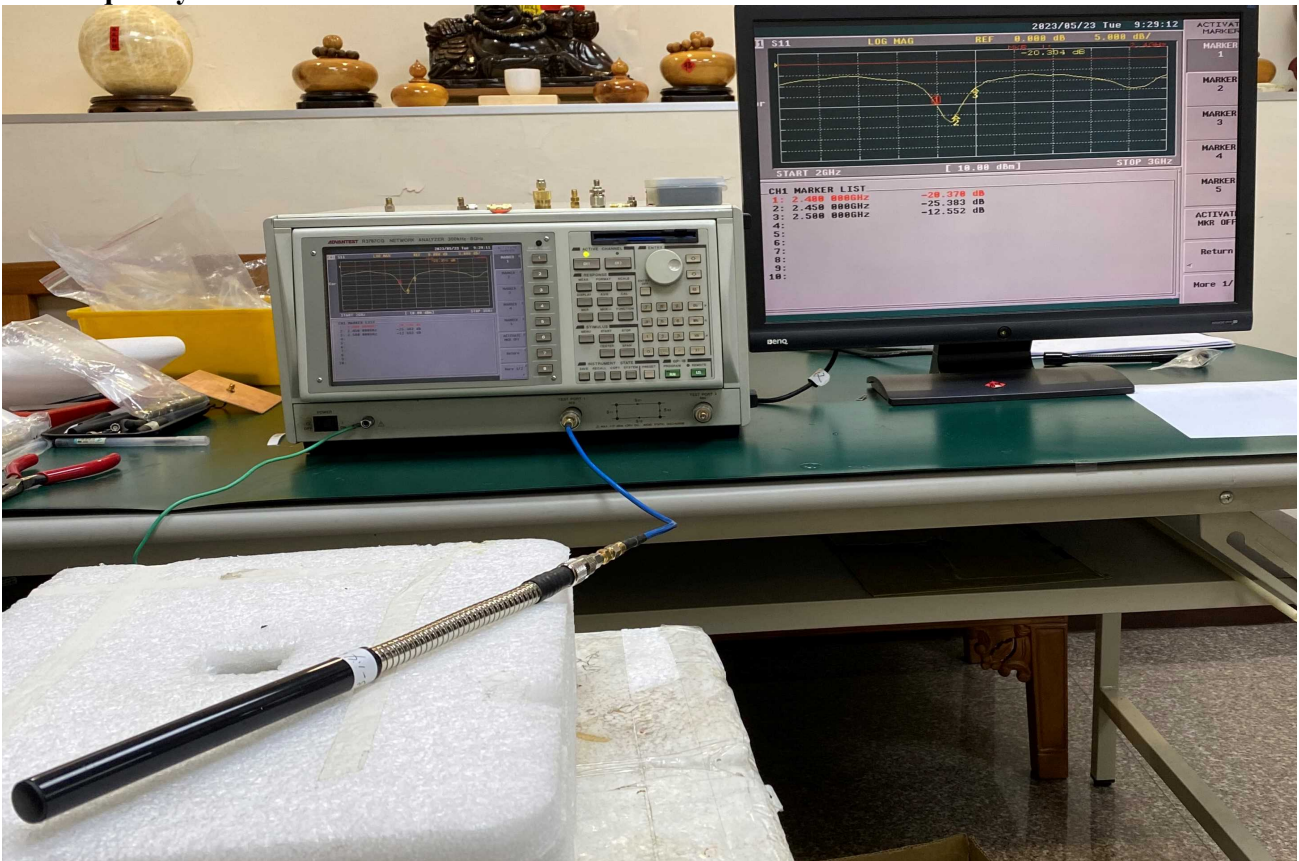
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	TNC 180°(Male)
Antenna Dimensions	318mm ±20
Antenna Color	Black
Operating Temperature Range	-30°C~+80°C
Storage Temperature Range	-30°C~+80°C

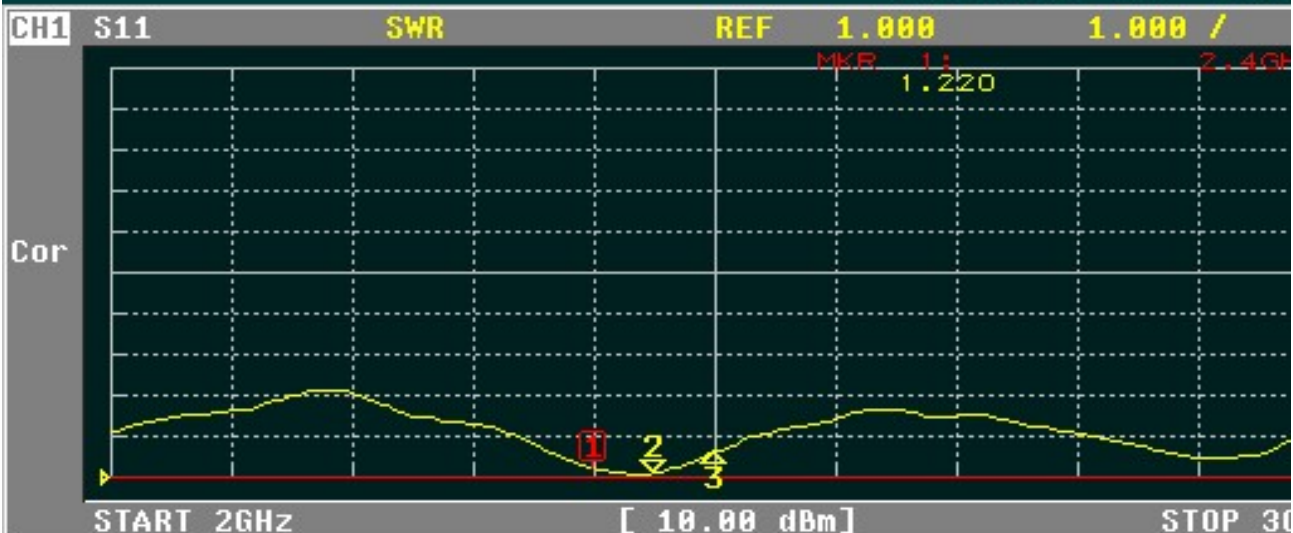
## 2. Appearance



 Third angle projection	CUSTOMER' S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					M/M			1
	TOLERANCE	X. XX±0. 15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS		APPEARANCE					

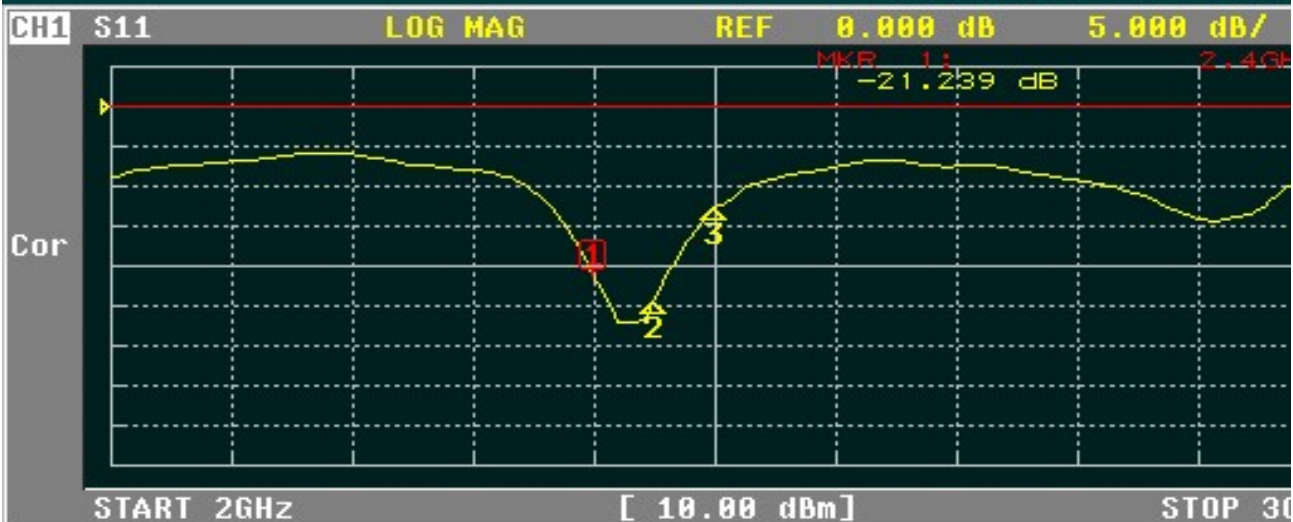
## 3. Frequency





CH1 MARKER LIST

1:	2.400 000GHz	1.220
2:	2.450 000GHz	1.105
3:	2.500 000GHz	1.620
4:		
5:		
6:		
7:		
8:		
9:		



CH1 MARKER LIST

1:	2.400 000GHz	-21.239 dB
2:	2.450 000GHz	-24.509 dB
3:	2.500 000GHz	-12.765 dB
4:		
5:		
6:		
7:		
8:		
9:		

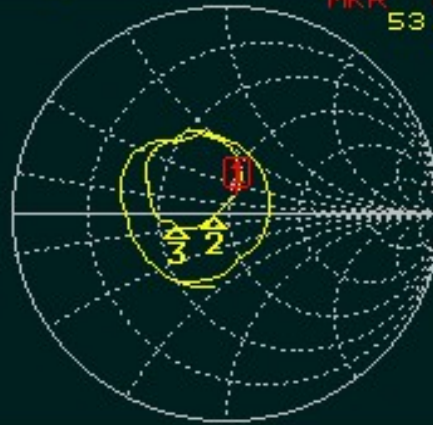
CH1 S11

SMITH(R+jX)

FS 1.000

MKR 1: 2.400 GHz  
53.349 Ω 10.027 Ω

Cor



START 2GHz

[ 10.00 dBm ]

STOP 30GHz

CH1 MARKER LIST

1:	2.400 000GHz	53.357 Ω	10.016 Ω	664.207pH
2:	2.450 000GHz	44.885 Ω	-1.225 Ω	53.017pF
3:	2.500 000GHz	30.794 Ω	-4.015 Ω	15.855pF
4:				
5:				
6:				
7:				
8:				
9:				