

900Mhz Gooseneck Antenna

MODEL: TH-900-TNC(M)



1. GENERAL DESCRIPTION

Model No	P/N
TH-900	TH900-TNC(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	902~928 MHz
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	365mm ±10
Antenna Color	Black
Operating Temperature Range	-30°C~+80°C
Storage Temperature Range	-30°C~+80°C

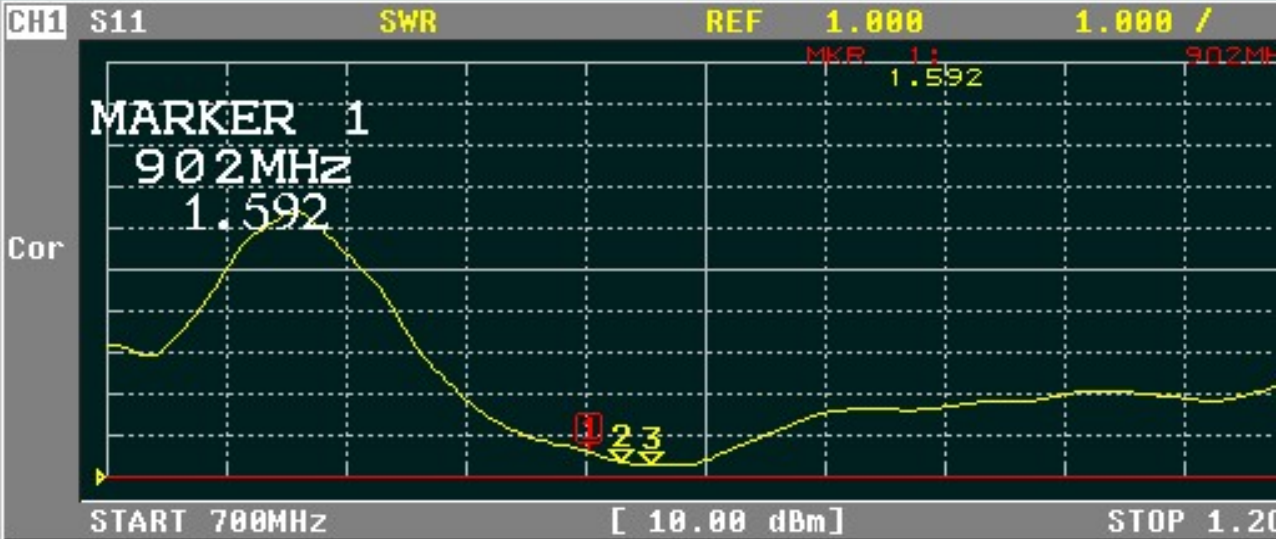
2. Appearance



 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
	TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	\sqrt{S}	APPEARANCE					

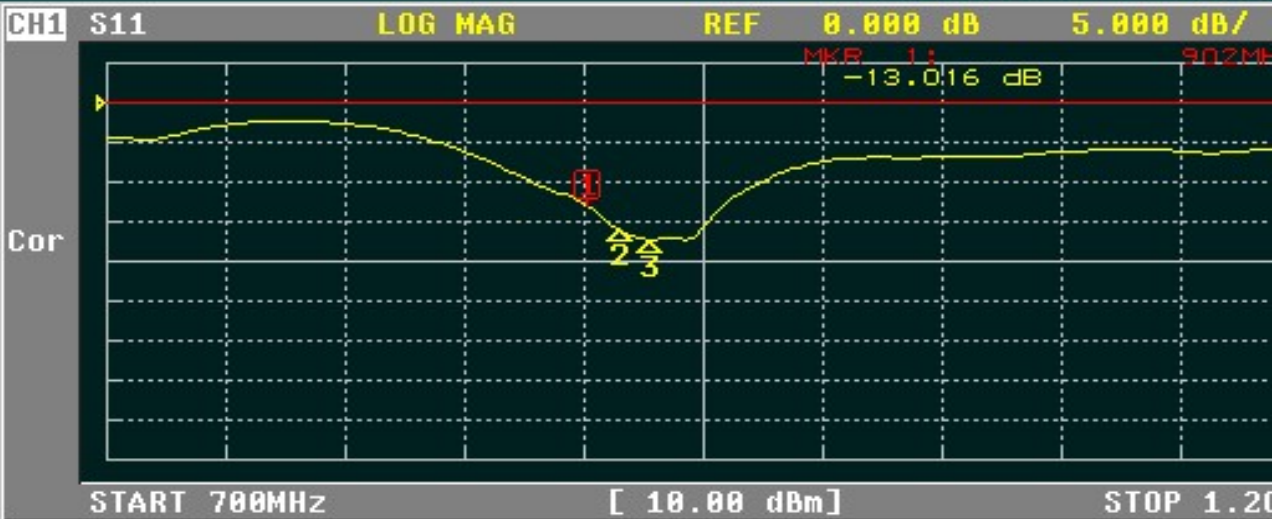
3. Frequency





CH1 MARKER LIST

1:	902.000MHz	1.592
2:	915.000MHz	1.360
3:	928.000MHz	1.297
4:		
5:		
6:		
7:		
8:		
9:		



CH1 MARKER LIST

1:	902.000MHz	-13.016 dB
2:	915.000MHz	-15.997 dB
3:	928.000MHz	-17.210 dB
4:		
5:		
6:		
7:		
8:		
9:		

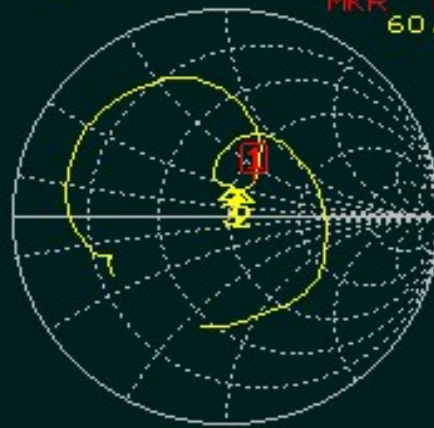
CH1 S11

SMITH(R+jX)

FS 1.000

MKR 1: 902MHz
60.168 Ω 21.236 Ω

Cor



START 700MHz

[10.00 dBm]

STOP 1.20

CH1 MARKER LIST

1:	902.000MHz	60.164 Ω	21.206 Ω	3.741nH
2:	915.000MHz	54.985 Ω	14.385 Ω	2.502nH
3:	928.000MHz	50.062 Ω	14.905 Ω	2.556nH
4:				
5:				
6:				
7:				
8:				
9:				