

433Mhz Gooseneck Antenna

MODEL: TH-433D-N(M)



1. GENERAL DESCRIPTION

Model No	P/N
TH-433D	TH433D-N(M)

Below is a table summarizing the antenna design specification.

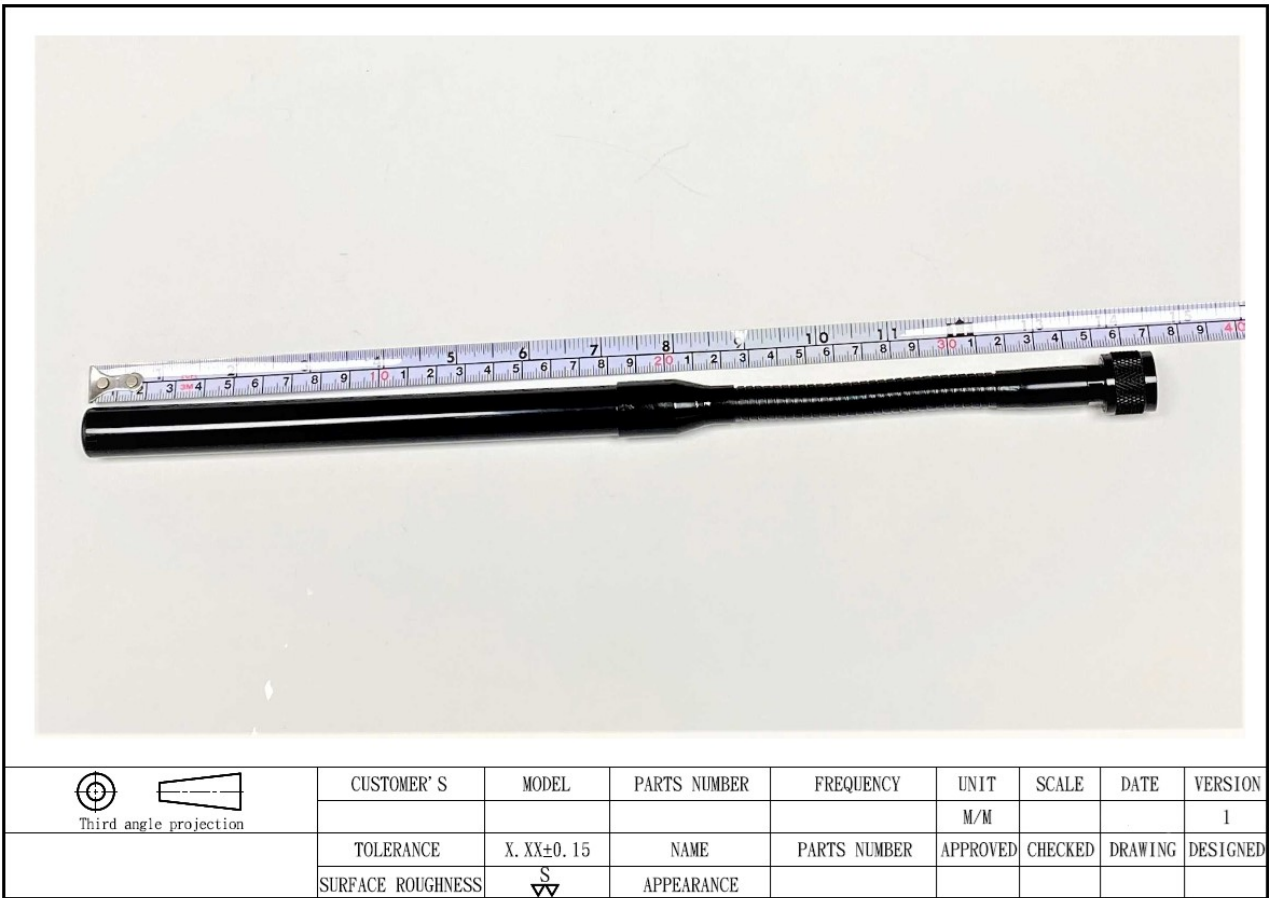
1.1 Electrical Properties

Parameter	Description
Frequency Band	410~460 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

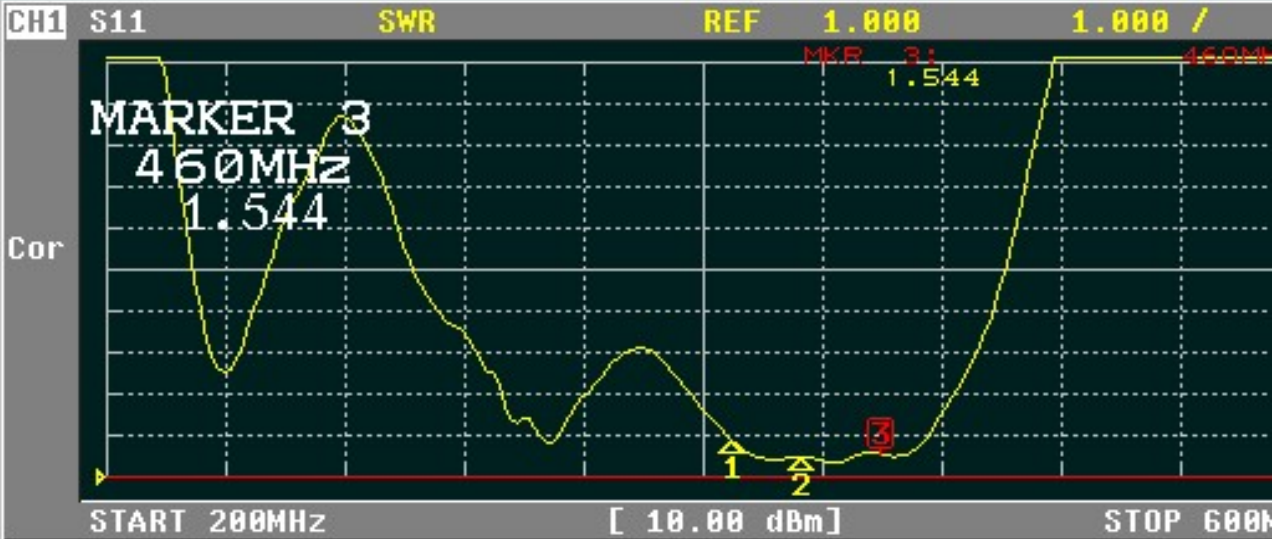
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	N(Male)
Antenna Dimensions	370mm ±15
Antenna Color	Black
Operating Temperature Range	-30°C~+80°C
Storage Temperature Range	-30°C~+80°C

2. Appearance



3. Frequency





CH1 MARKER LIST

1:	410.000MHz	1.868
2:	433.000MHz	1.482
3:	460.000MHz	1.544
4:		
5:		
6:		
7:		
8:		
9:		



CH1 MARKER LIST

1:	410.000MHz	-10.389 dB
2:	433.000MHz	-14.390 dB
3:	460.000MHz	-13.218 dB
4:		
5:		
6:		
7:		
8:		
9:		

CH1 S11

SMITH(R+jX)

FS 1.000

MKR 3: 36.553 Ω 11.463 Ω 460MHz

Cor



START 200MHz

[10.00 dBm]

STOP 600MHz

CH1 MARKER LIST

1:	410.000MHz	81.289 Ω	-24.449 Ω	15.877pF
2:	433.000MHz	34.433 Ω	4.302 Ω	1.581nH
3:	460.000MHz	36.553 Ω	11.463 Ω	3.966nH
4:				
5:				
6:				
7:				
8:				
9:				