

# Omni-Directional GSM Antenna

## MODEL: TH-260B-GSM



### 1. GENERAL DESCRIPTION

Model No
TH260B-GSM

Below is a table summarizing the antenna design specification.

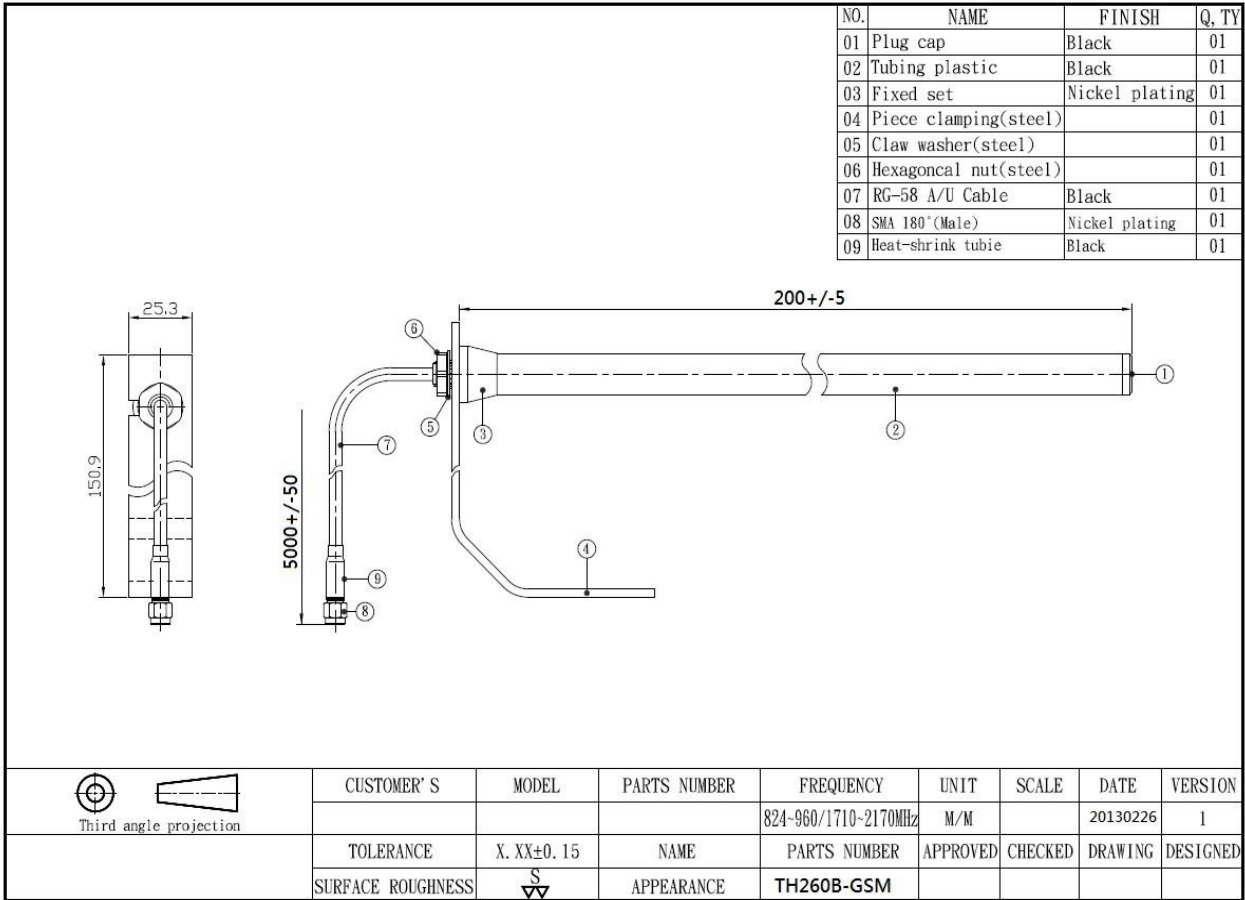
#### 1.1 Electrical Properties

Parameter	Description
Frequency Band	824~960/1710~1990/2170 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

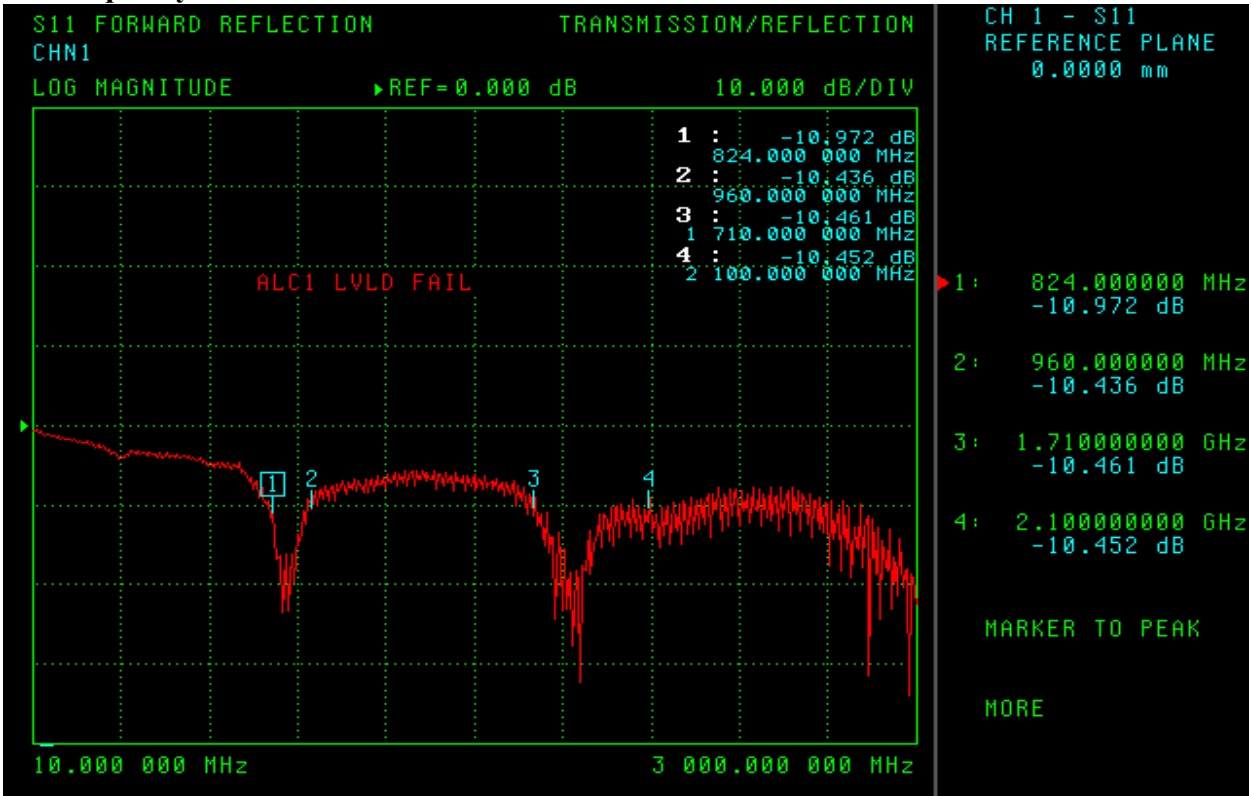
#### 1.2 Mechanical Properties

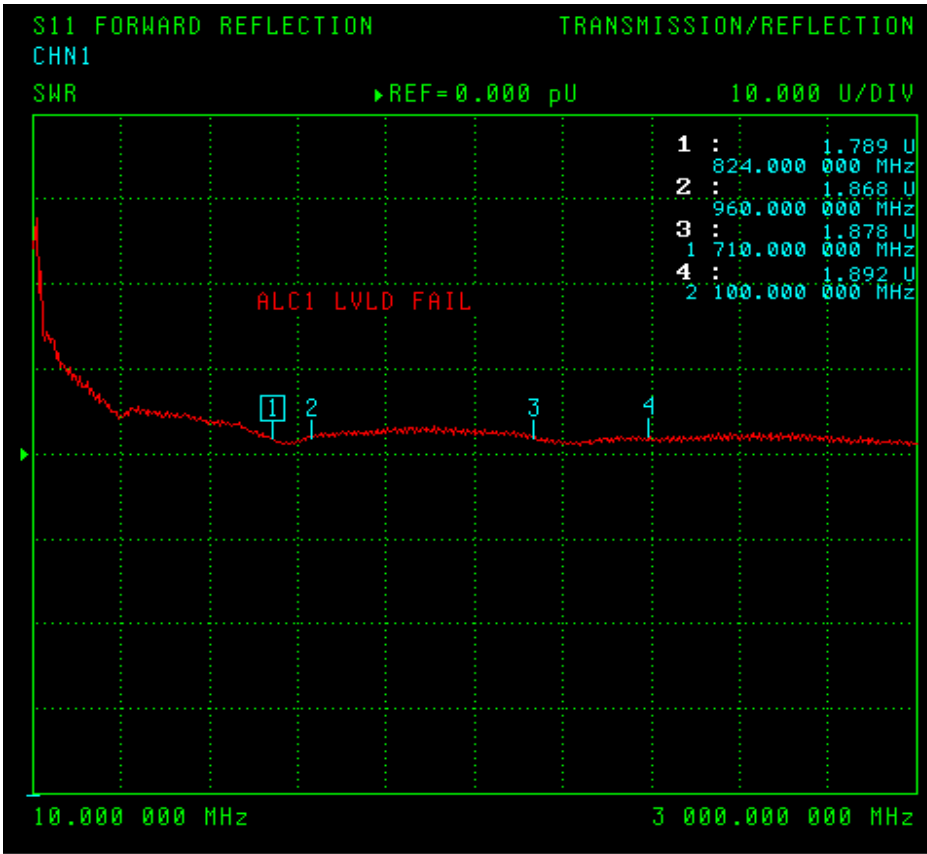
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA 180°(Male)
Antenna Dimensions	200 mm $\pm$ 5
Antenna Cable Total Length	RG-58 A/U 5000 mm $\pm$ 50
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

## 2. Appearance



## 3. Frequency

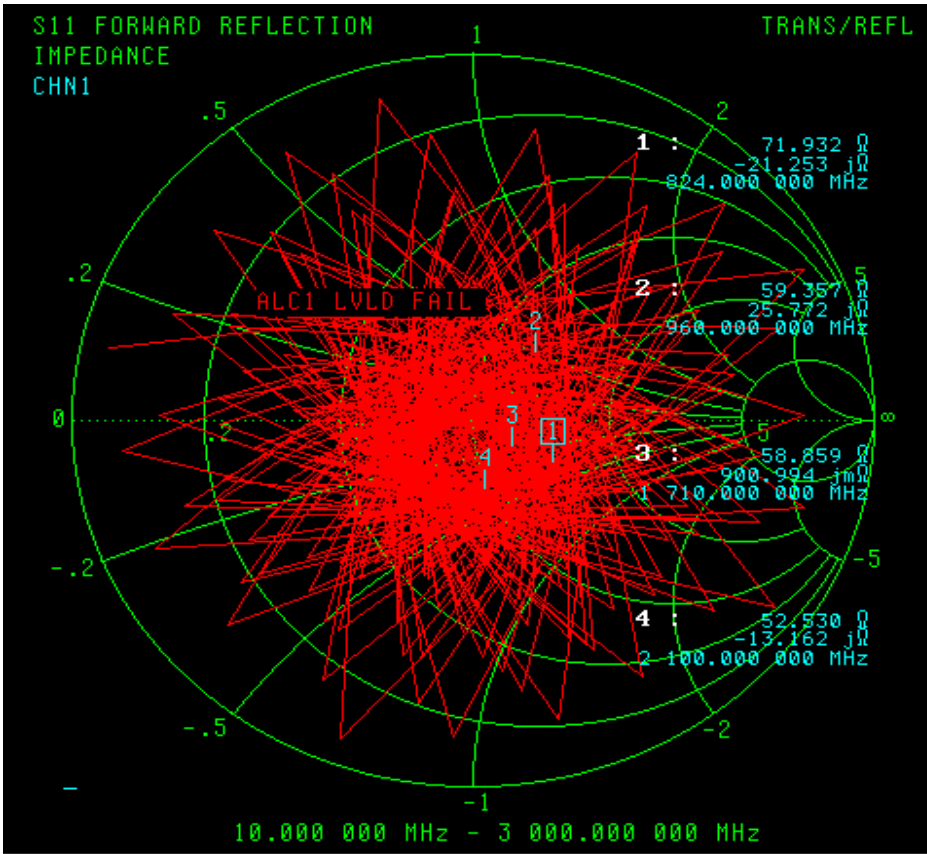




CH 1 - S11  
 REFERENCE PLANE  
 0.0000 mm

1:	824.000000 MHz	1.789 U
2:	960.000000 MHz	1.868 U
3:	1.710000000 GHz	1.878 U
4:	2.100000000 GHz	1.892 U

MARKER TO PEAK  
 MORE



CH 1 - S11  
 REFERENCE PLANE  
 0.0000 mm

1:	824.000000 MHz	71.932 Ω	-21.253 jΩ
2:	960.000000 MHz	59.357 Ω	25.772 jΩ
3:	1.710000000 GHz	58.859 Ω	900.994 jmΩ
4:	2.100000000 GHz	52.530 Ω	-13.162 jΩ

MARKER TO PEAK  
 MORE