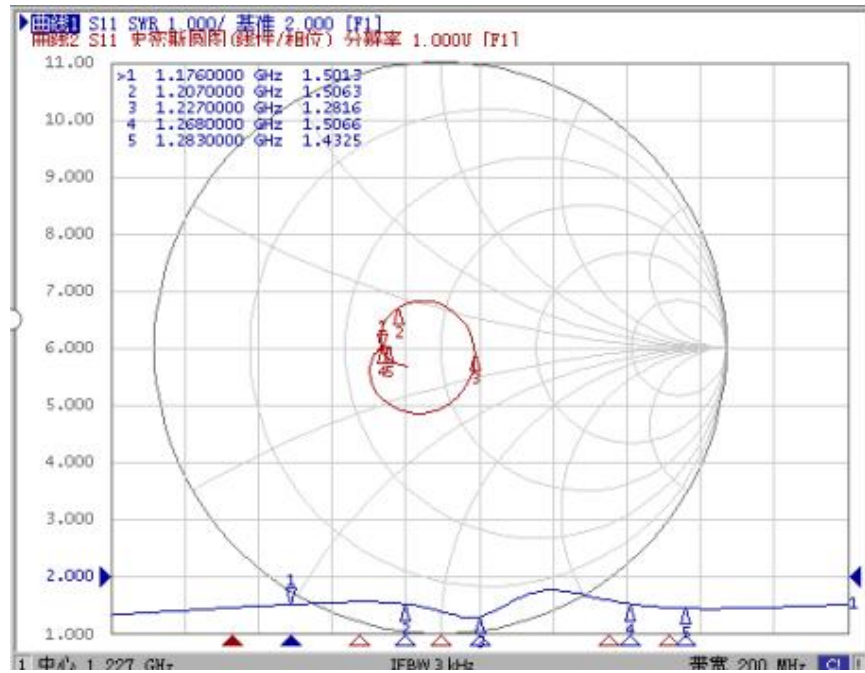


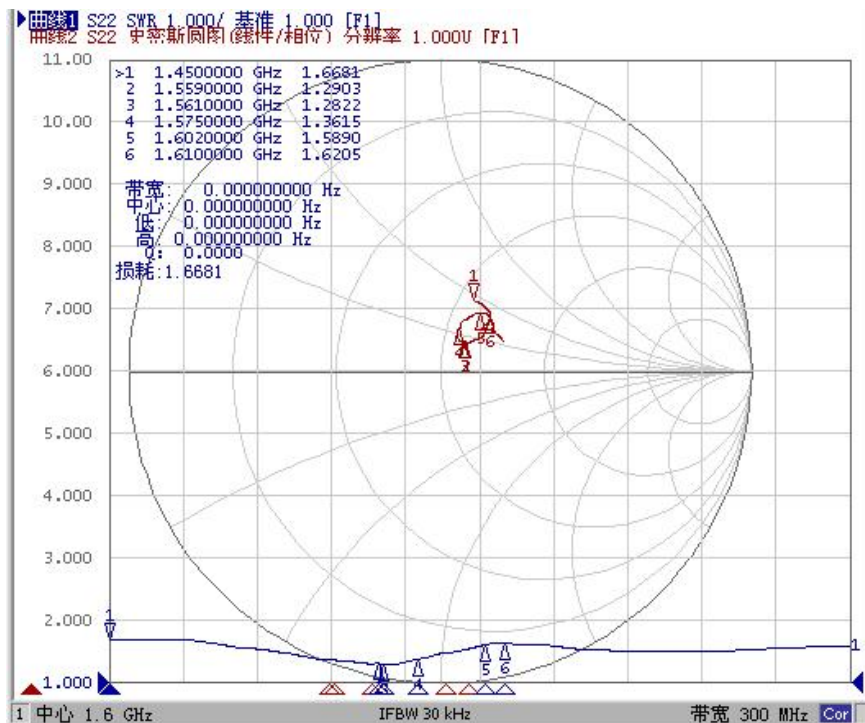
<b>1. Electrical Characteristics</b>		
<b>1.1 Antenna</b>		
1	Antenna Model	
2	Frequency Range	GPS:L1/L2 BEIDOU:B1/B2 GLONASS:G1
3	Impedance	50Ω
4	Polarization	RHCP
5	V.S.W.R	≤2.0
6	Gain	-2.0dBic(1227MHz) 1.5dBic(1559~1610MHz) at Zenith Max
7	Axial Ratio	≤5dB: at Zenith
<b>1.2 LNA</b>		
1	Frequency Range	GPS:L1/L2 GLONASS: L1/L2 BEIDOU:B1/B2 GALILEO E1/E2
2	DC Voltage	3~5V
3	Gain	30±3dB
4	Out band Rejection (Absolute value)	≥25dB( F <sub>H</sub> +100MHz ) ≥25dB( F <sub>L</sub> -100MHz )
5	Output (VSWR)	≤2.0
6	Noise Figure	≤2.0dB
7	DC current	20±3mA (at3V)

## 2. Patch Test curve

VSWR



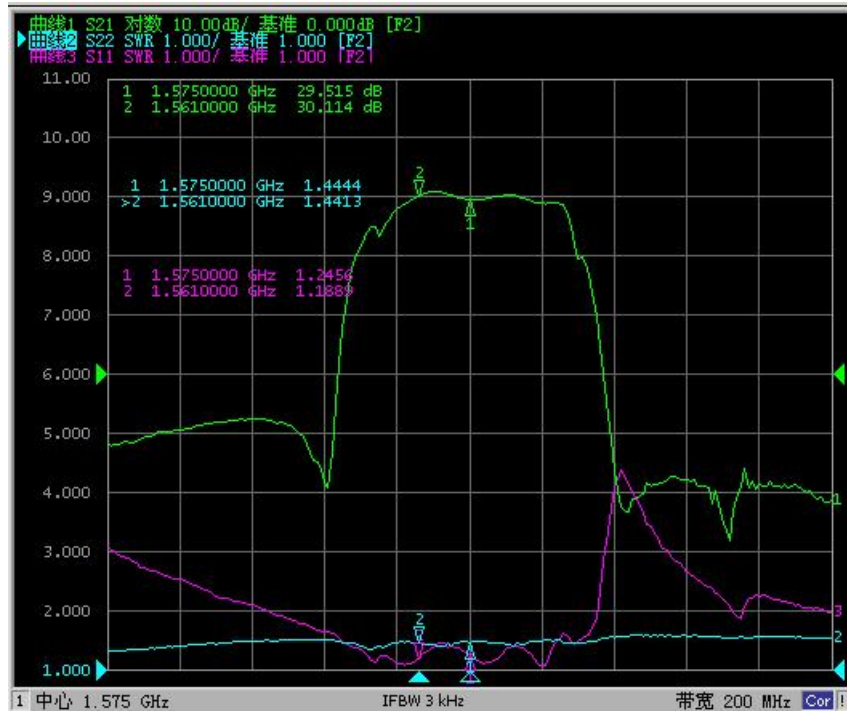
L2



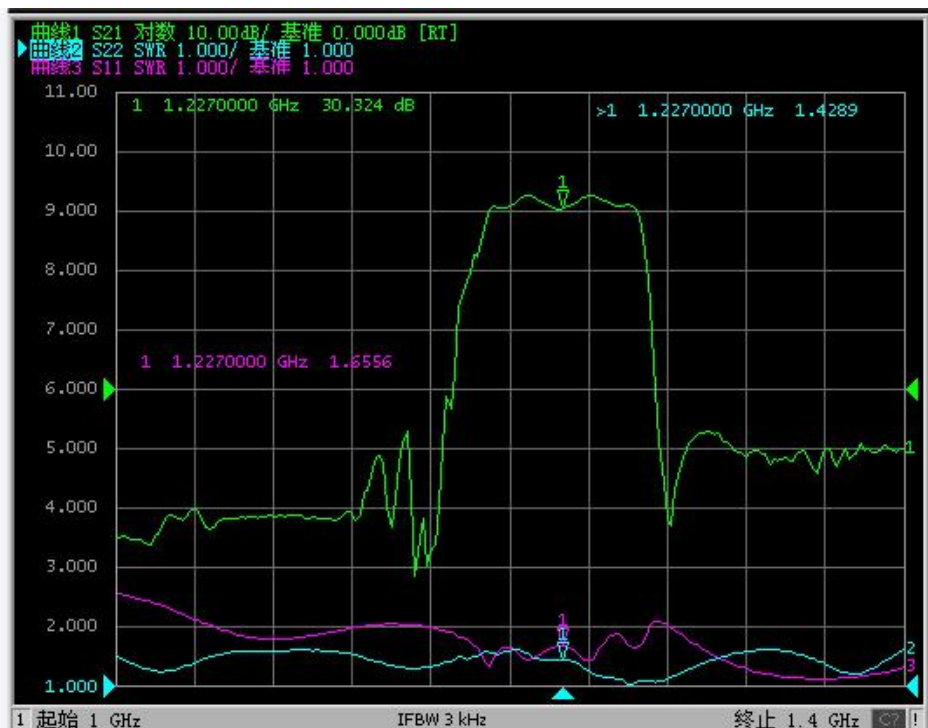
L1

### 3. LNA Test curve

#### 1) L1 band test curve (Gain)

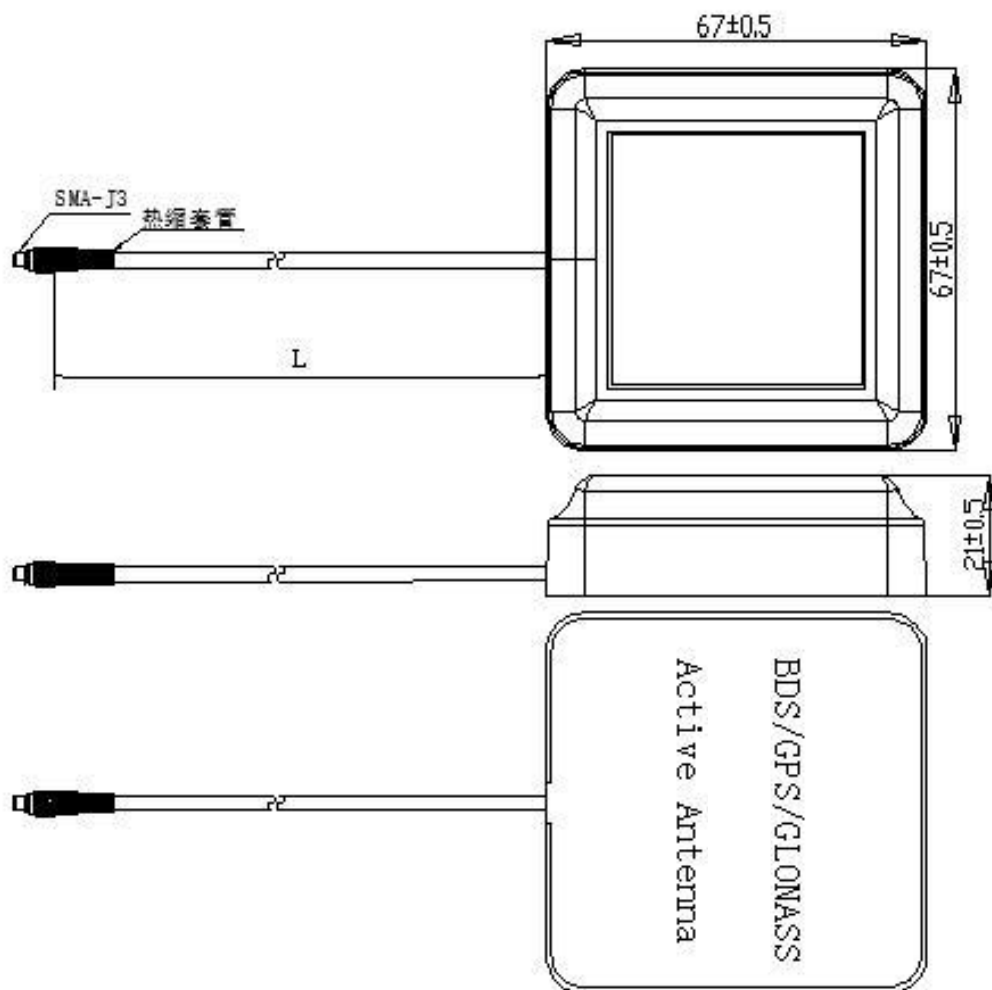


#### 2) L2 band test curve (Gain)



#### 4. Structure (unit: mm)

未注公差:  $\pm 0.5\text{mm}$



$L=2000 \pm 100\text{MM}$