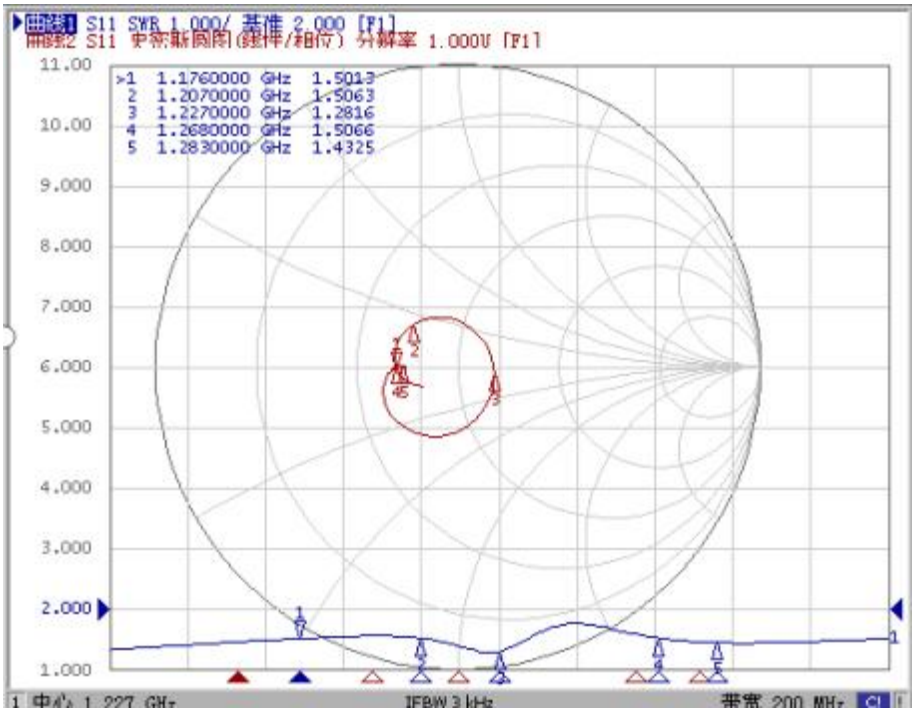
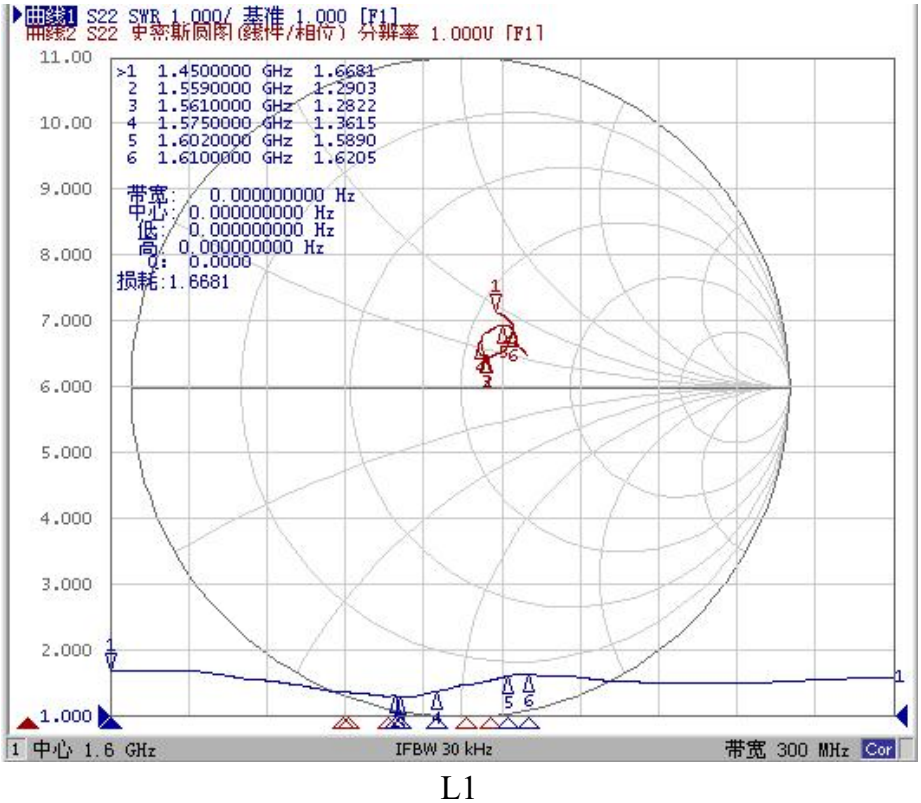
1. Electrical Characteristics		
1.1Antenna		
1	Antenna Model	
2	Frequency Range	GPS:L1/L2 BEIDOU:B1/B2 GLONASS:G1
3	Impedance	50Ω
4	Polarization	RHCP
5	V.S.W.R	≤2.0
6	Gain	-2.0dBic(1227MHz) 1.5dBic(1559～1610MHz) at Zenith Max
7	Axial Ratio	≤5dB：at Zenith
1.2 LNA		
1	Frequency Range	GPS:L1/L2 GLONASS: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

2. Patch Test curve



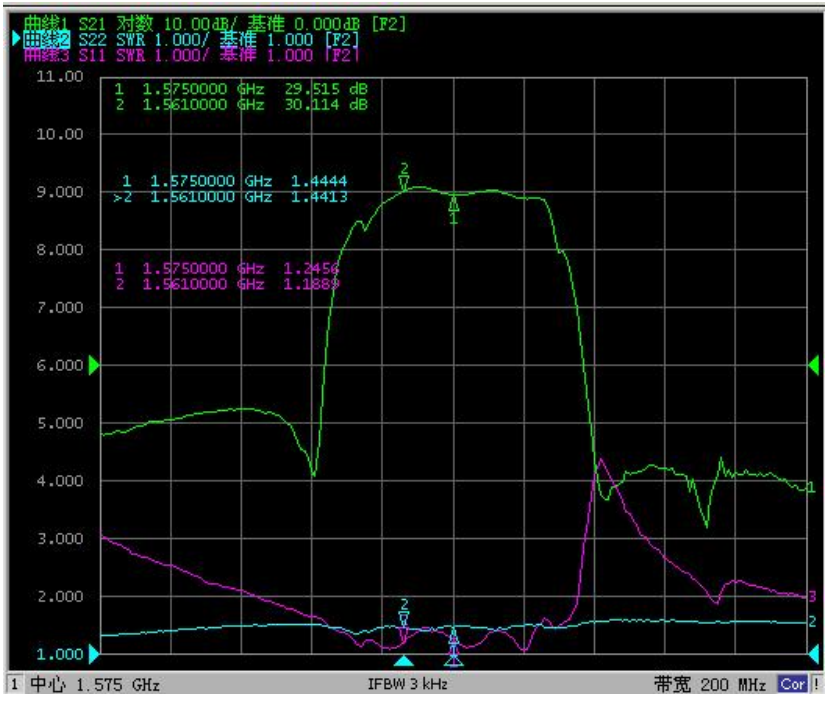
L2



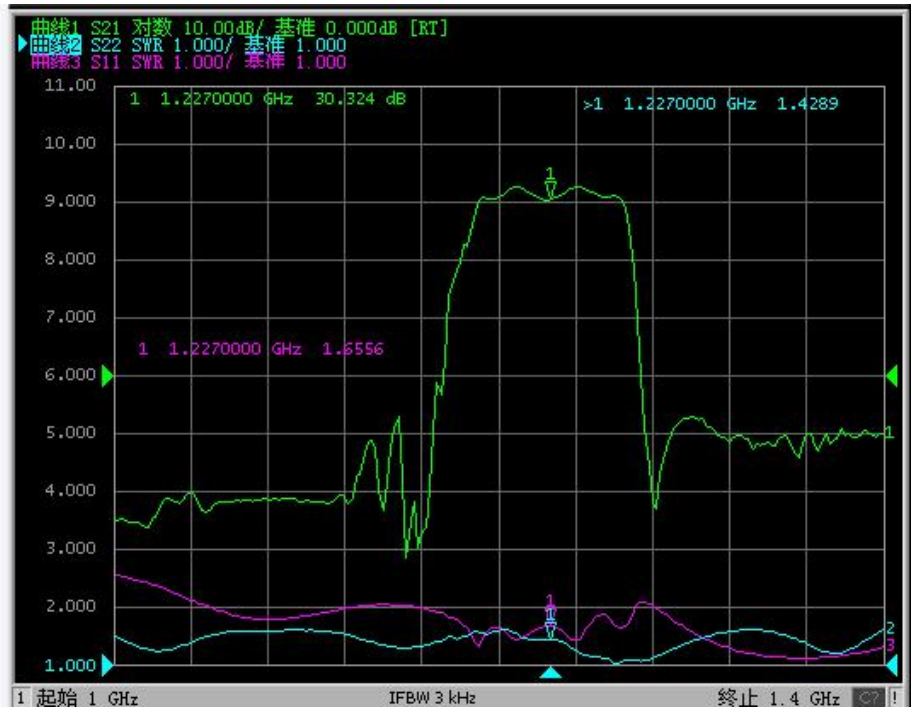
L1

3. LNA Test curve

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

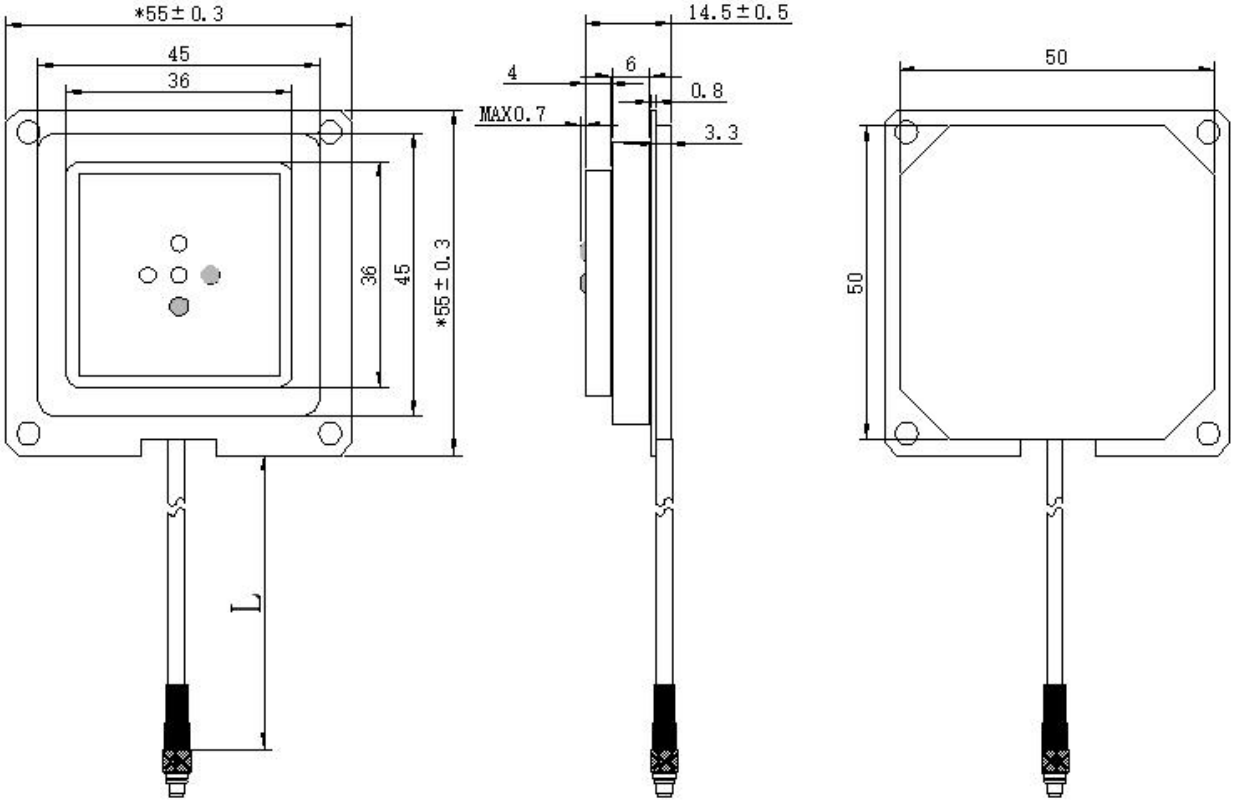


2) L5 band test curve**(Gain)**



4. Structure (unit: mm)

±0.5mm



L=2000±100mm

5. Material		
No	**Part Name**	**SPEC**
1	Antenna	Dielectric Ceramics
2	PCB	FR4
3	Shielding	Tinplate
4	RF Cable	RG174
5	RF Connector	MMCX-J3
6. Environment Condition		
1	Working Temp	-40℃~+85℃
2	Storage Temp	-40℃~+85℃
7. Packing (If there are other customers packaging requirements specified in the order)		