

REV	SYM	Revision Record	Appr.	Date
V0	KLS17048	New Version Release	Song	2025-07-28

Material:

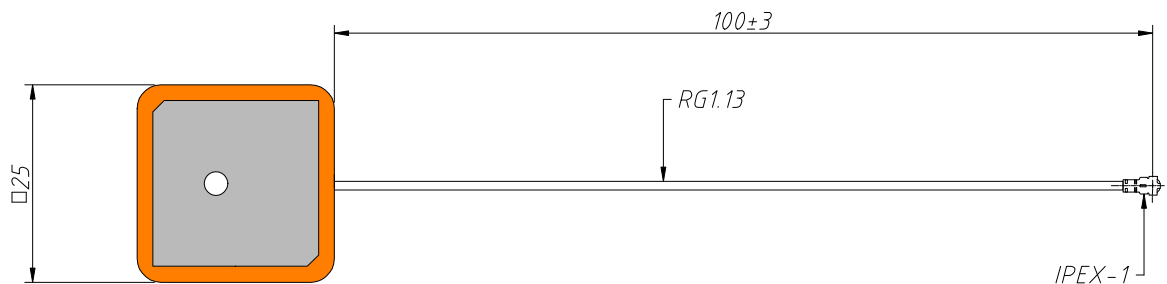
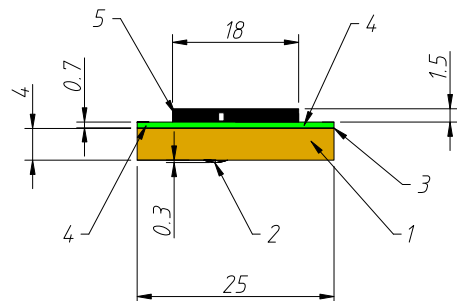
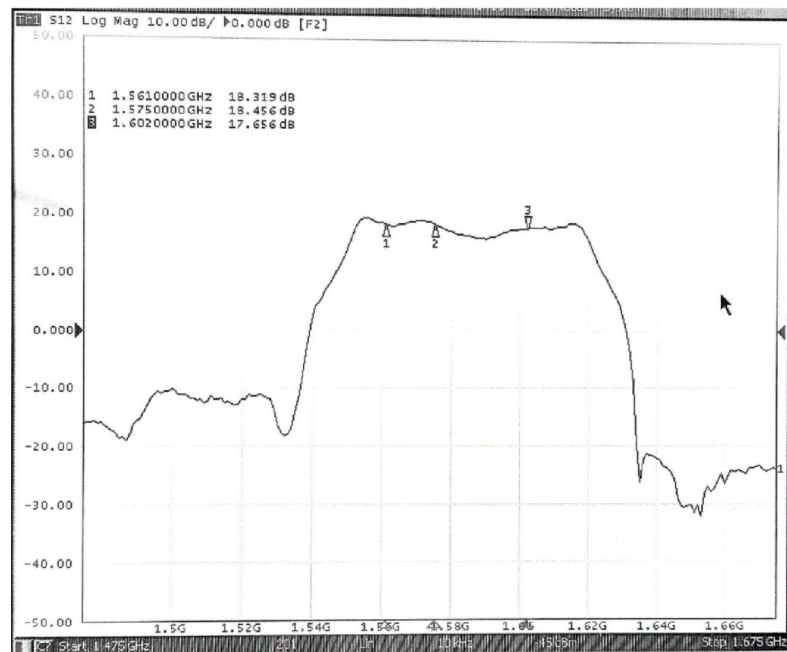
- 1.Ceramic Antenna:25×25×4
- 2.Antenna Feeder:Dedicated 5.8mm
- 3.3M Double-Sided Tape
- 4.Circuit Board:25×25×0.7
- 5.Shielding Cover:18×18×1.5
- 6.Wire:RG1.13 Wire
- 7.Connector:IPEX-1

Notes:

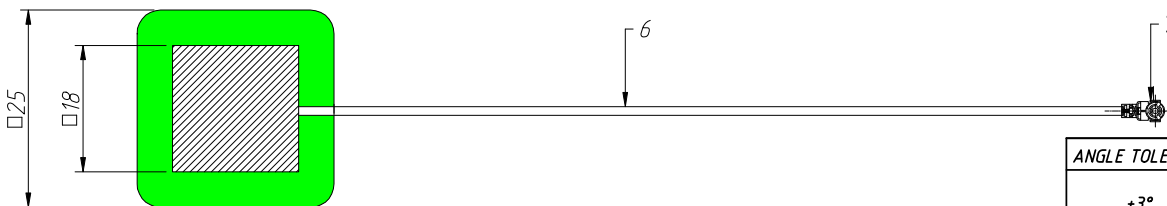
Frequency Range:1575.42Mhz
Band Width:5MHz
Axial ratio:≤4DB
Vswr:≤2.0
Gain:LNA 18±3DB
Impedance:50 OHM
Polarization:RHCP
Noise Figure:1.5DB
DC Voltage:3-5V
DC Current:≤25mA
Dielectric Size:25×25×6.5
Working Temp:-40℃~+85℃

The Assembly Of Each Component Should Be Firm And Reliable
The Signal Parameters Of The Finished Product Must Reach
The Specified Value

The Product Needs To Be Packaged In Quantity According To
The Requirements,And There Should Be No Obvious Signs
During Transportation Phenomena Such As Compression
Deformation



Welding the terminal port towards the ceramic surface



ANGLE TOLERANCE	PROJECTION	Description:	GPS Active Antenna	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-GPS-06D-B100
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	Song	2025-07-28	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2025-07-28	