

Specification document

Customer Name:

Customer Part Number: GPS0768

Product CodeSmall square external GPS device with active signaltransm-

Specification description:ission-RG174 cable, length 0.5 meters-SMA connector

Production Date:13 November 2025

Factory Inspection Confirmation:

Department	Review	Approve
Radio Frequency Department	Zhou Xihua	Li Hanqing
Structural Department	Dai Yiling	Li Bin
Quality Department	Liu Chunyu	Fei Wang

Customer Confirmation:

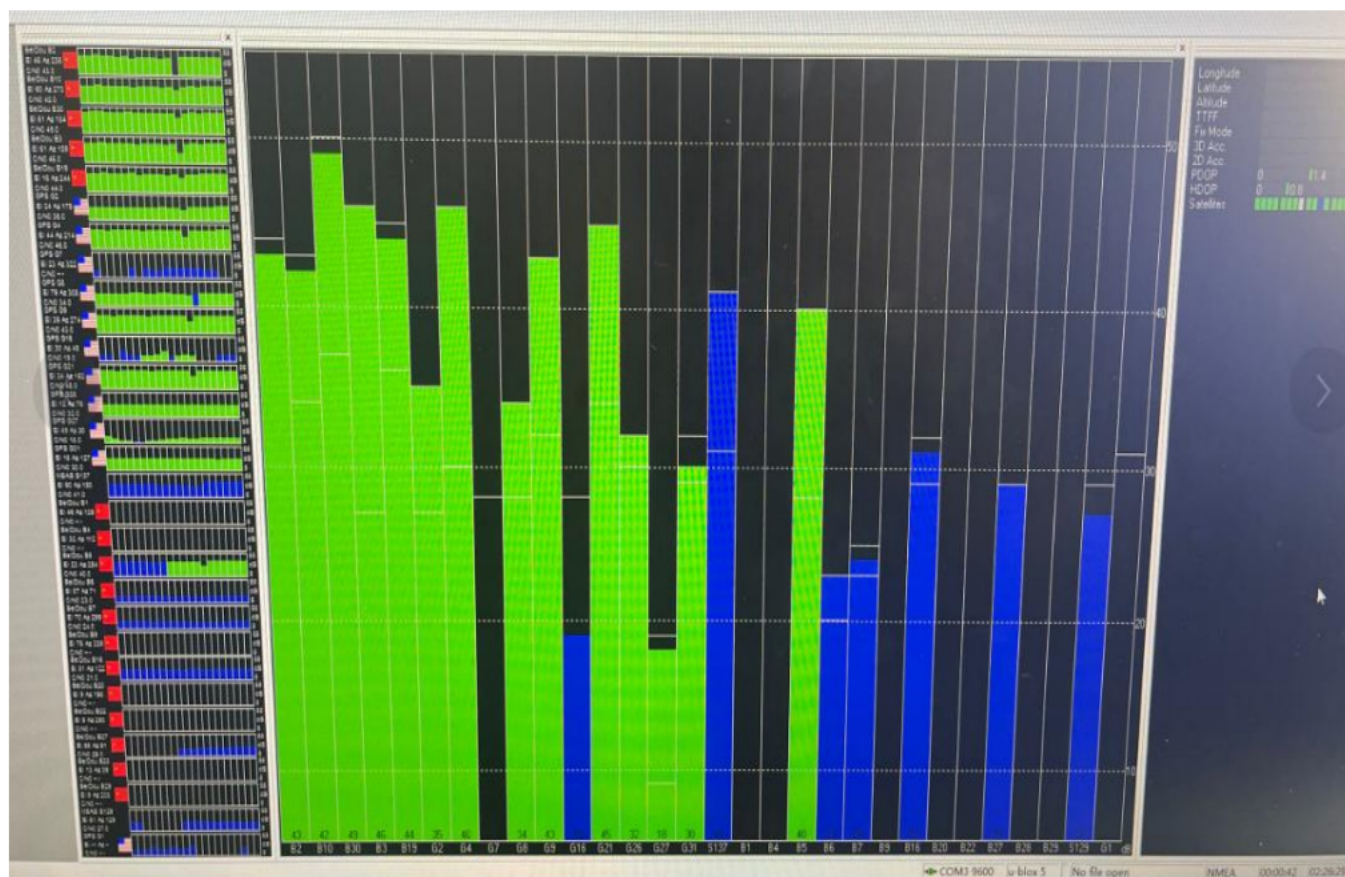
Check	Review	Approve

1. Product image

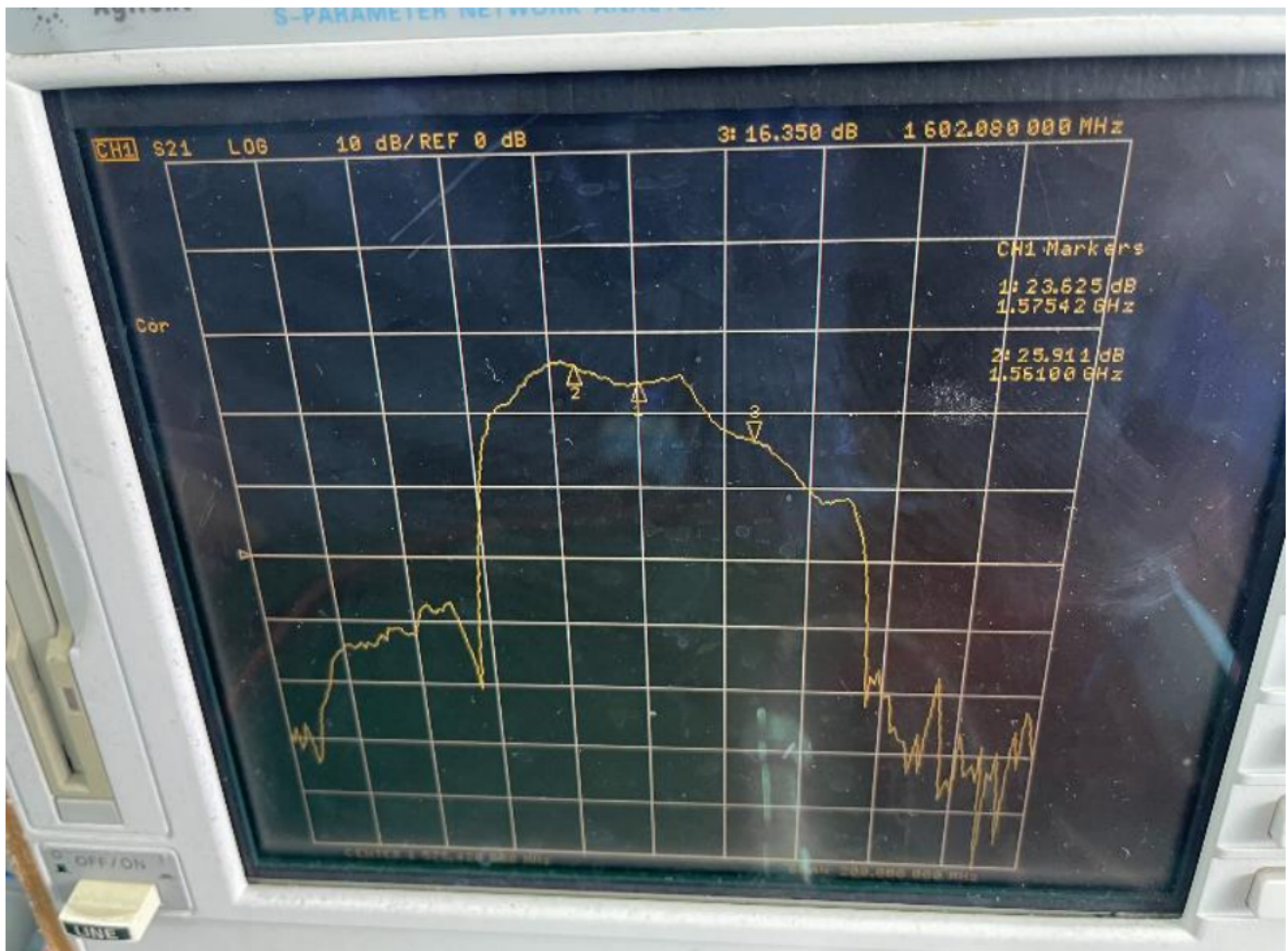


2. Electrical Performance Test Report:

Star Search Map:



Gain :



3. Product performance parameters:

Electrical Specifications	
Frequency Range (MHz)	1561/1575.42
Input impedance (Ω)	50
Voltage Standing Wave Ratio (V.S.W.R)	≤ 2.0 (No equipment provided; for reference only)
Gain (dBi)	25 (No equipment provided; for reference only)
Polarization Type	Right-handed circular polarization
Mechanical Specifications	
Connect Type	SMA round-tipped needle
Cable Type	RG174 Line
Antenna body material	Plastic
Antenna size	38.5*36.5*15mm
Working Temperature: Operating Temp	-25 ~ +75 C

Specification document

Customer Name: _____

Customer Part Number: _____

Product Code: Dual-band elbow with black chili-colored antenna /L=50
mm/ (SMA-J type) _____

Specification description: _____

Production Date:2023

Factory Confirmation:

Department	Review	Approve
Radio Frequency Department	Liu Jingxiong	Li Bin
Structural Department	Xie Dongzhan	Li Bin
Quality Department	Fei Wang	Li Bin

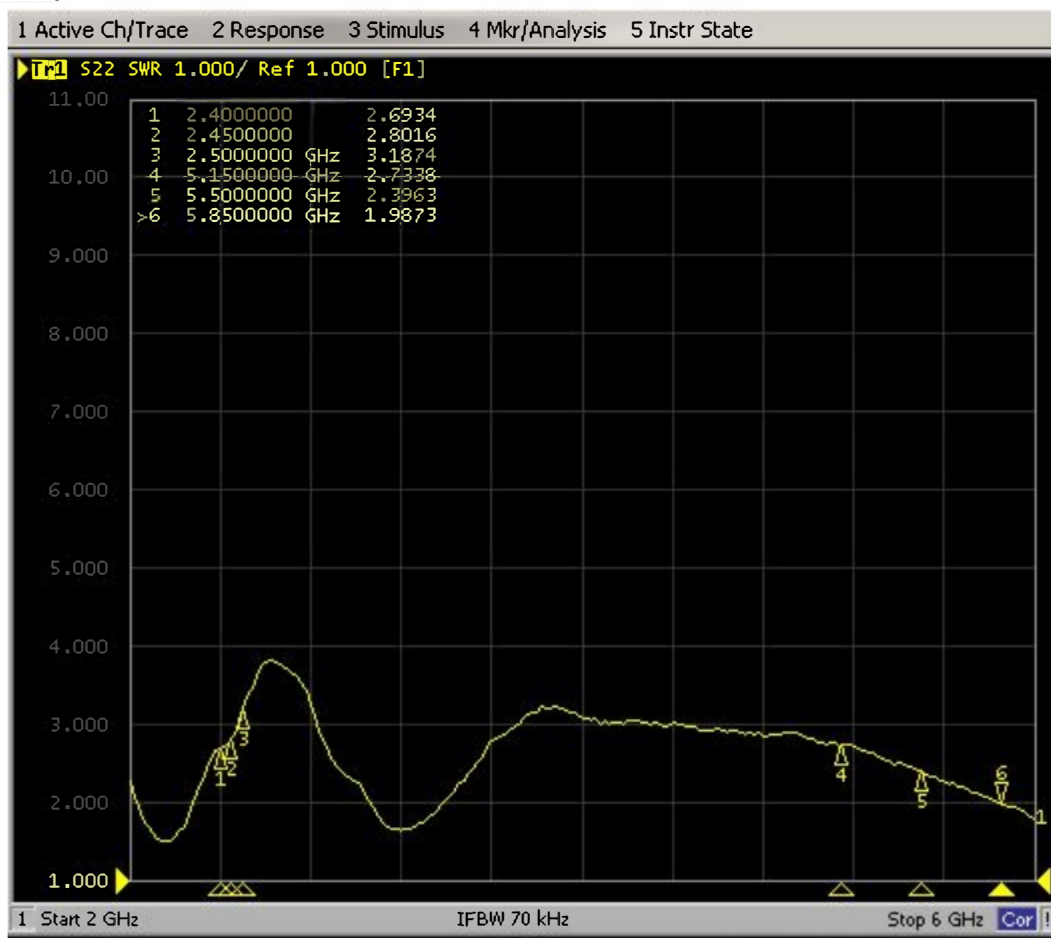
Customer Confirmation:

Check	Review	Approve

1. Product image



2. Electrical Performance Test Report: VSWR:



3.Product performance parameters:

Electrical Specifications	
Frequency Range (MHz)	2400-2500/5150-5850
Input impedance (Ω)	50
Voltage Standing Wave Ratio (V.S.W.R)	≤ 2.5 (Unmatched device, for reference only)
Gain (dBi)	2.4G WIFI: 1.12dBi 5G WIFI: 2.03dBi BLE: 1.12dBi
Polarization Type	Vertical
Maximum power (W)	10W
Vertical plane lobe angle (E)	45~60°
Horizontal plane lobe angle (H)	360°
Mechanical Specifications	
Connect Type	SMA-J (curved)
Cable Type	/
Antenna size	50* Φ 15MM
Working Temperature: Operating Temp	-20 ~ +65 °C
Storage Temperature: Storage Temp	-30 ~ +75 °C

