

# Multi frequency handheld antenna

## Product Introduction

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Manufacture: Shenzhen Xinwei Communication Technology Co., Ltd  
Address: 501, Building A3, Xiwan Zhiyuan, Aviation Road, Sanwei  
Community, Hangcheng Street, Bao'an District, Shenzhen  
Product name: Handheld antenna  
Model No.: GM009

## FEATURES

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1. The passive antenna has high gain, wide beam width, and good reception effect for low elevation signals, and can still receive satellites normally in environments with severe occlusion;
  2. The passive antenna has a wide operating frequency band, which can effectively support the operation of multiple systems and frequency points, especially the B3 frequency point in global networking, greatly improving system stability;
  3. Very small size, light weight, high integration, greatly improving product convenience;
  4. The high out of band suppression of the antenna can effectively avoid signal interference such as communication base stations, which can lead to system instability.
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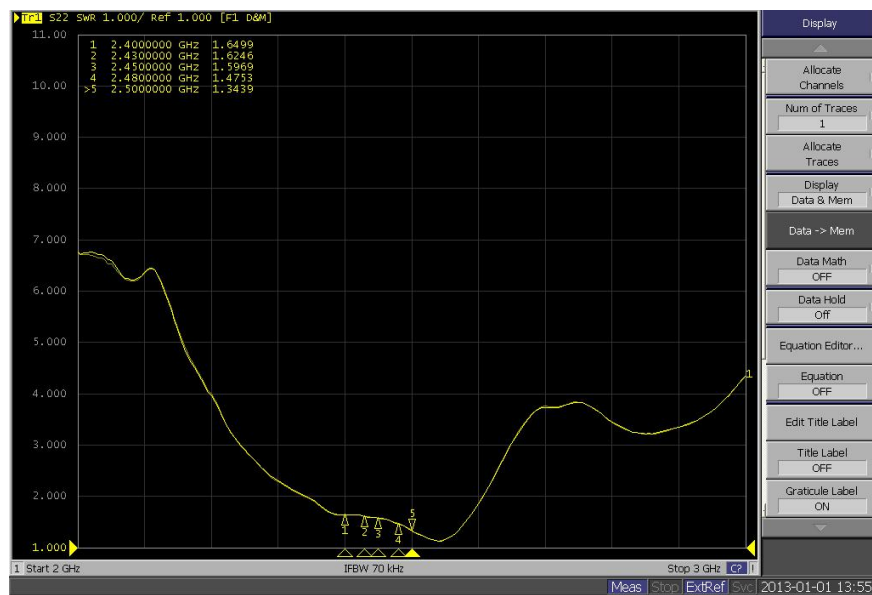
## Technical Parameter

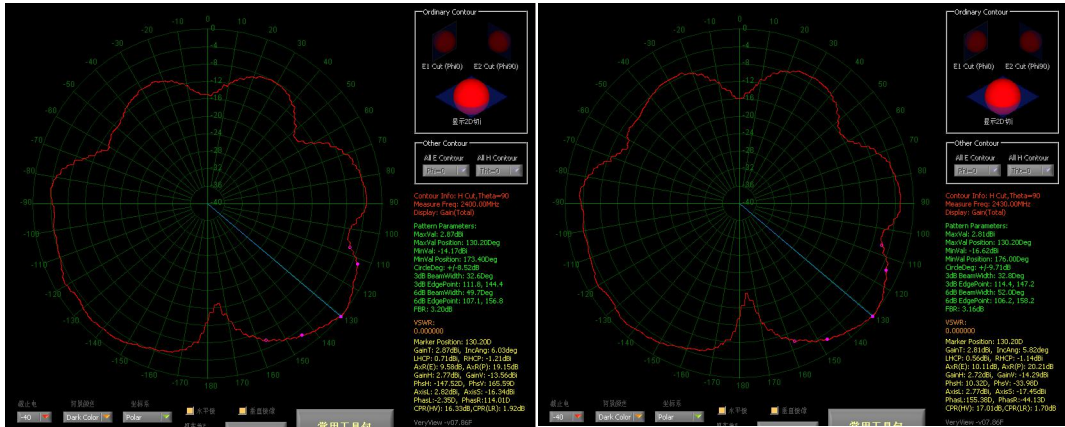
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Passive antenna characteristics		Low noise amplifier characteristics	
Frequency range	BDS B1/B2/B3 GPS L1/L2 GLONASS G1/G2 BT/WIFI 2400-2480MHz	Gain	33±2dB
Impedance	50 Ω	impedance	≤1.5dB
Polarization	right-handed circular polarization	In-band flatness	±1dB
Coverage	0° ~360°	Voltage	DC3.3~12V
GNSS output vswr	≤1.5	Current	≤50mA
GNSS Gain(Max)	1 dBi	Output vswr	≤2.0
BT/WIFI output vswr	≤2.0	Size	44*31*41mm
BT/WIFI Gain(Max)	2 dBi		
Antenna axis ratio	≤3dB		



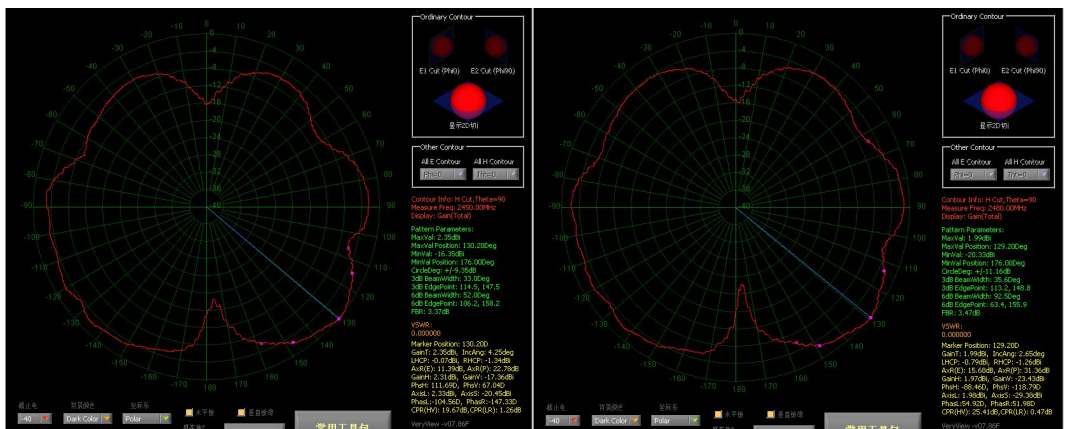
Freq. (MHz)	2400	2430	2450	2480
Max gain(dBi)	1.91	2.00	1.85	1.99





2400MHz

2430MHz



2450MHz

2480MHz