

Multi frequency handheld antenna

Product Introduction

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

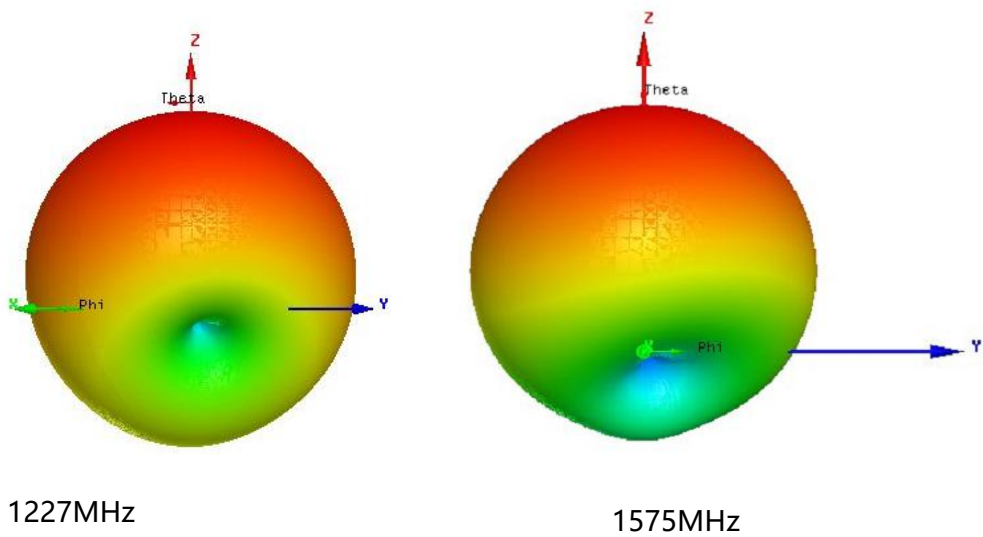
FEATURES

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

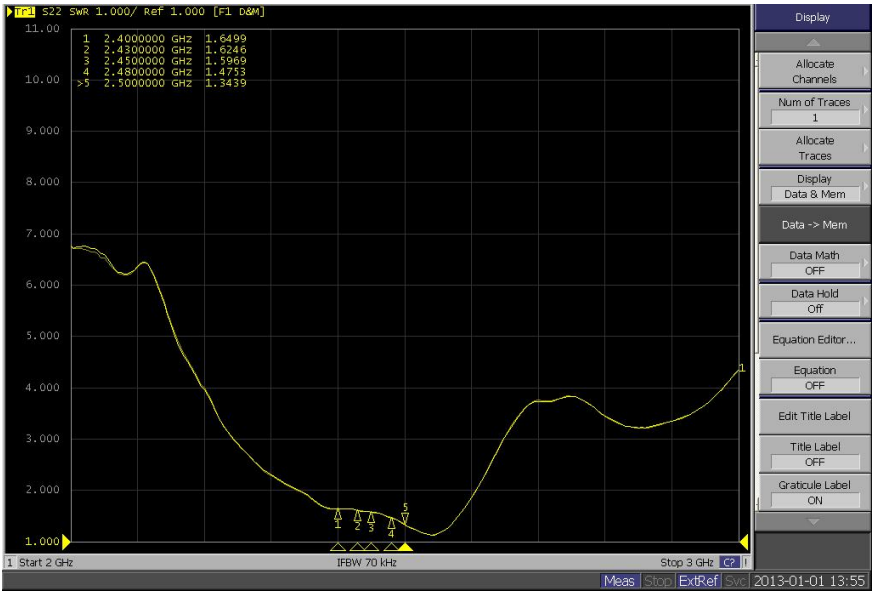
Passive antenna characteristics		Low noise amplifier characteristics	
Frequency range	BDS B1/B2/B3 GPS L1/L2 GLONASS G1/G2 BT/WIFI 2400-2480MHz	Gain	33±2dB
Impedance	50 Ω	impedance	≤1.5dB
Polarization	right-handed circular polarization	In-band flatness	±1dB
Coverage	0° ~360°	Voltage	DC3.3~12V
GNSS output 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		

Antenna 3D pattern

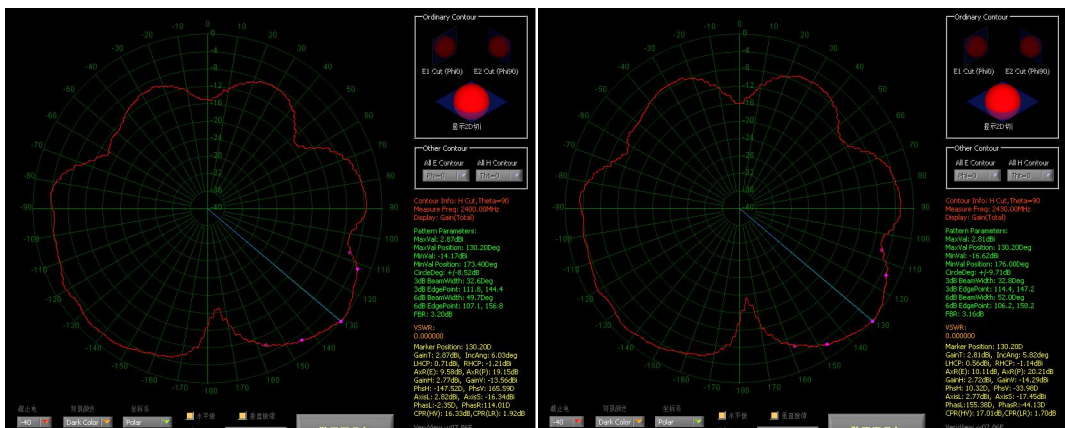


BT/WIFI

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

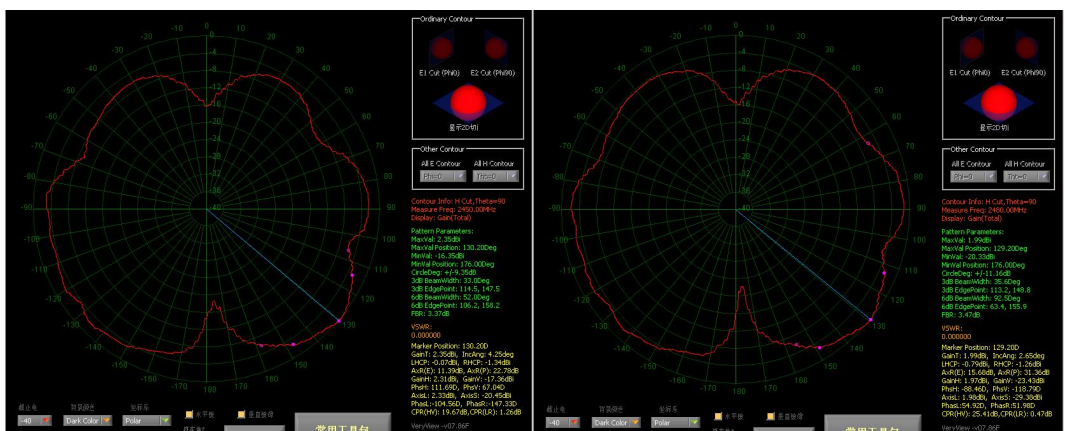


BT/WIFI



2400MHz

2430MHz



2450MHz

2480MHz