

Test Report

for BEIDOU 1 TIME SERVICE ANTENNA



Model: HXAT000BATS50F

Chengdu HAIKIN MICROWAVE Technology Co., Ltd

Add: Chengdu 610091, China

Tel: +86-28-87089208

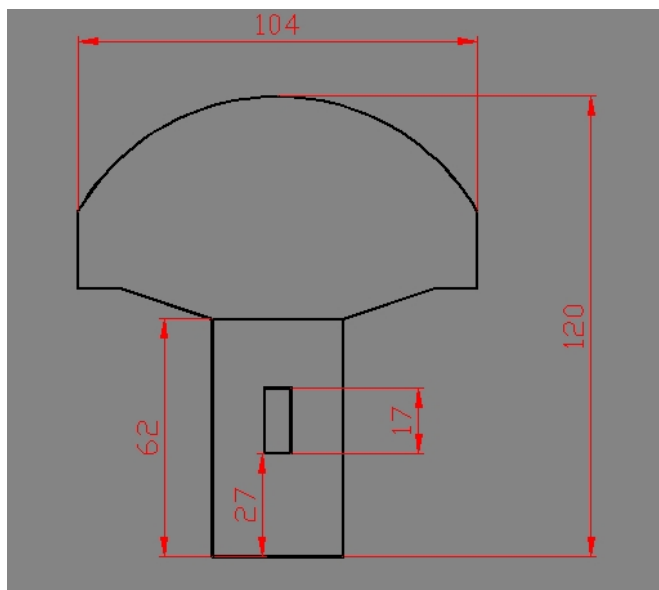
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Specification

1. Frequency: DB1 L1:2491.75MHz±4MHz
2. Pattern:
 - Azimuth: Omnidirectional
 - Elevation: Hemispherical
3. LNA Gain: 39dB±2dB
4. Polarization: Right-hand circular
5. AR: ≤4dB
6. Noise: ≤2dB
7. Impedance : 50 Ω
8. VSWR : ≤2:1
9. Power requirements: Voltage: 5~12VDC
Current: ≤40mA
10. Connector: TNC female
11. Operating Temperature : -40°C~+85°C
12. Store Temperature : -55°C~+85°C
13. Weight: ≈ 250 g
14. Size: Φ105×120mm



Test Instruments

Agilent 83630B
HP8563E
HP8720D

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Test Results

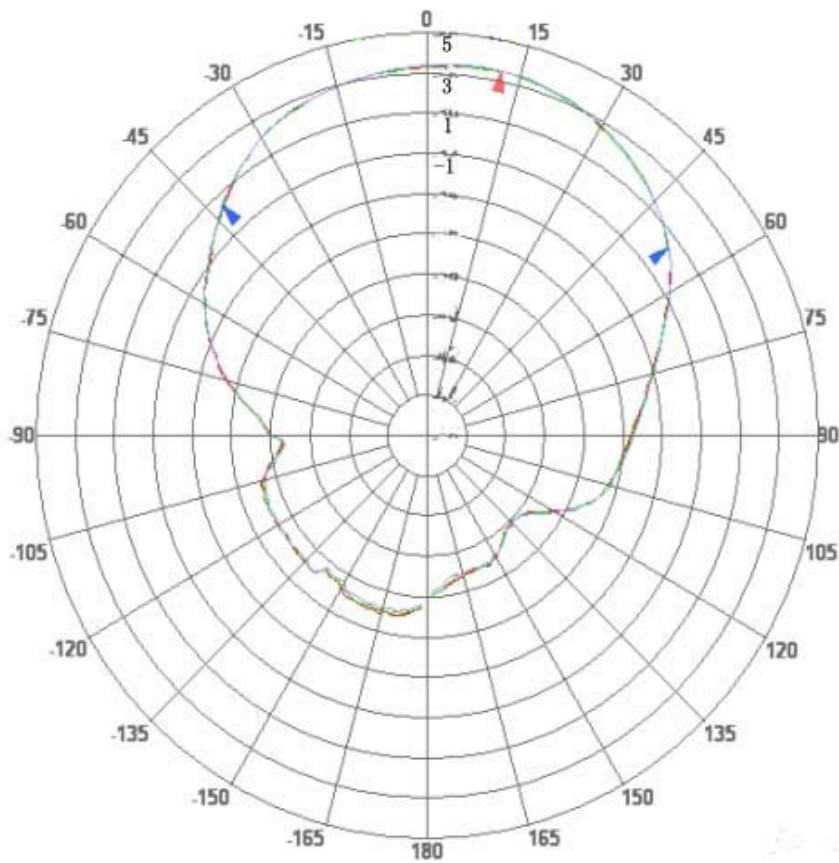
1. Gain



Frequency (GHz)	Gain (dBic)
2.492	50

2. Pattern

2492MHz



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