

15x15x4mm active ceramic antenna

This antenna is an active built-in ceramic antenna, receiving 1575MHz/1561MHz/1601MHz signal, with small size, high stability characteristics, suitable for vehicle mobile terminals, communication base stations, navigation and other equipment.

Product Description

Part No.	Dimensions (L x W x H)	cable	Connector	Color
M04-0102870R0A	15*15*6.8mm	Φ 1.13*110mm	IPX1	Brown+ Grey

Antenna characteristic

Main technical index	
Operating frequency	1575MHz/1561MHz/1601MHz
Output impedance	50ohm
Polarization mode	Right-handed circular polarization
Antenna axis ratio	5.0 DB max
Horizontal covering Angle	360°
Output VSWR	2.0 max
Peak Gain	1.0dB
Dimensions	15mm(L)×15mm(W)×6.5mm(H) typ
Weight	5.5±2g(typ)
Cable	110±5mm (Φ=1.13mm grey)
Connector	IPX1

LNA/Filter

MyAntenna RF Technology Co., Ltd

ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

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CHARACTERISTICS	SPEC
Voltage	DC 3.0±0.3V
Current	5mA max
Center Frequency	1575.42±1MHz
Gain	20±4dB typ
Noise Figure	1.8dB max
Working current	9A max
working voltage	2-5V

OPERATING CONDITION

Temperature	-20°C to +65°C
Humidity	10% to 95% RH

STORAGE CONDITION

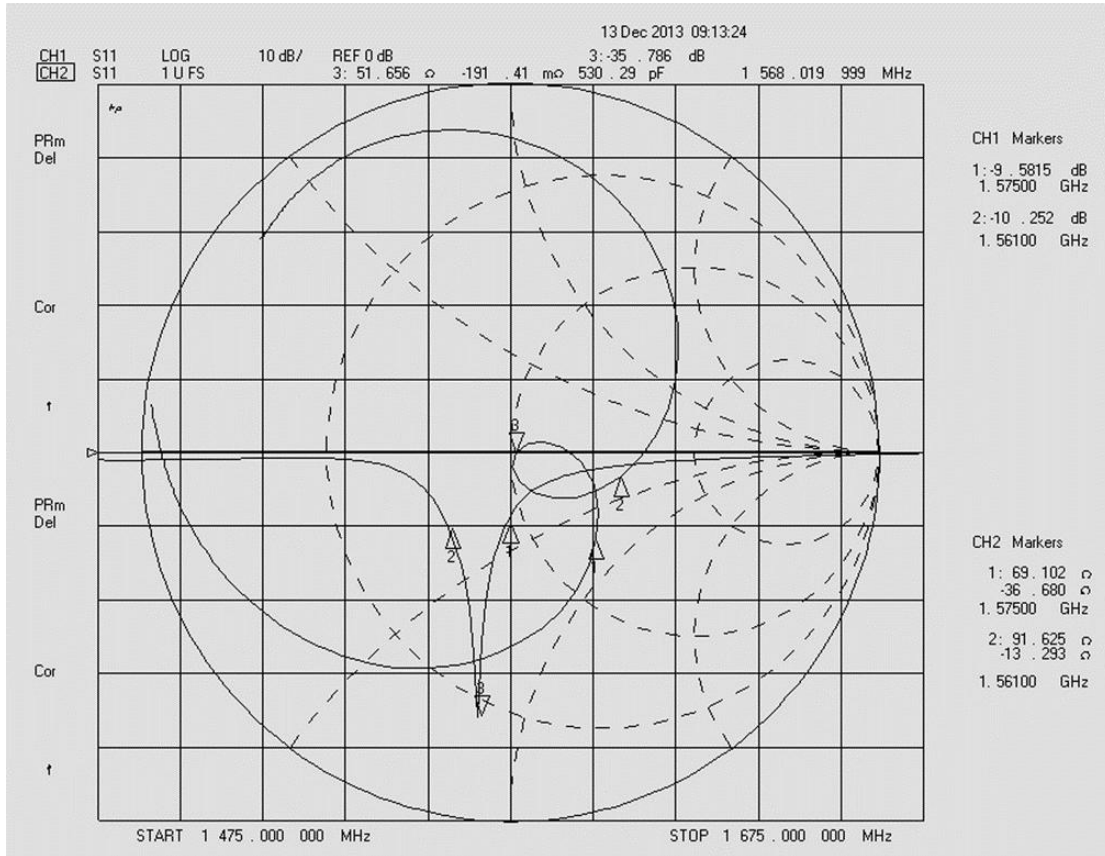
Temperature	-20°C to +70°C
Humidity	10% to 95% RH

IMPEDANCE DIAGRAM

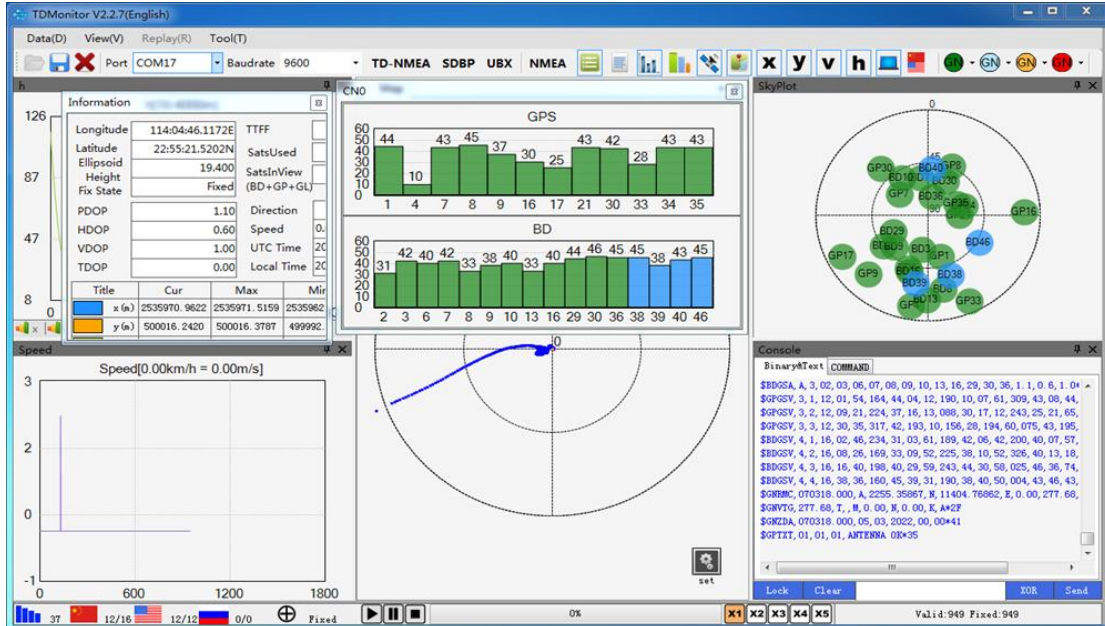
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STAR SEARCH EFFECT



Note

- 1、 This product specification guarantees the quality of our product as a single unit. Please make sure that your product is evaluated and confirmed against your specifications when our product is mounted to your product.
- 2、 We cannot warrant against failure caused by any use of our product that deviates from the intended use as described in this product specification.
- 3、 The product will get free warranty for three months since the date of purchase users operate in the correct way; users will have to pay cost of the materials and maintaining fee out of the condition.
- 4、 Electrostatic sensitive device Observe precautions for handling.

HOUSING CONFIGURATIONS

