

Case Number: ZYTD2023041801

Date: 2023.04.19

Version: A0

Specification

Antenna Model: 6016ANT

Specification Description:

Built-in antenna-2.4G-gray 1.13 tin tin wire-1st generation terminal-see line length 175mm-copper tube- $\varnothing 3 \times 29.5$ mm

Factory Stamp:

Write	Review	Approve
黄飞辉	刘立华	周泉

Customer signature:

Check	Review	Approve

Contact B & T

Company address: Shenzhen

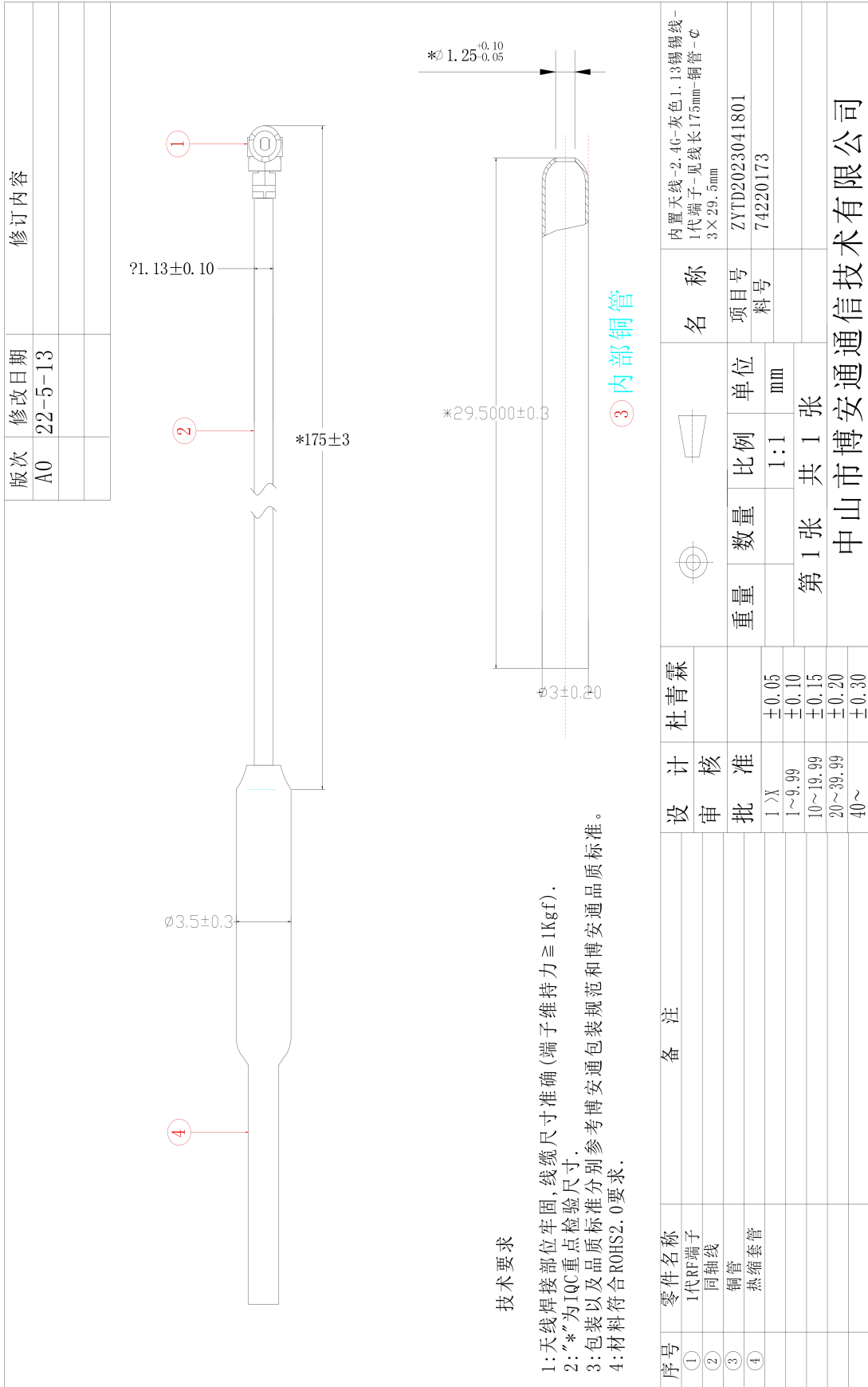
Office: Floor 10, R&D Building, Lingyun Building, Liufang Road, District 67, Baoan District, Shenzhen

Zhongshan factory address: Building A, Dongfang Industrial Park, Nanlang Town, Zhongshan City

Tel: 0760-88580932 Fax: 0760-89961414

Website: <http://www.tech-now.com>

Product drawing

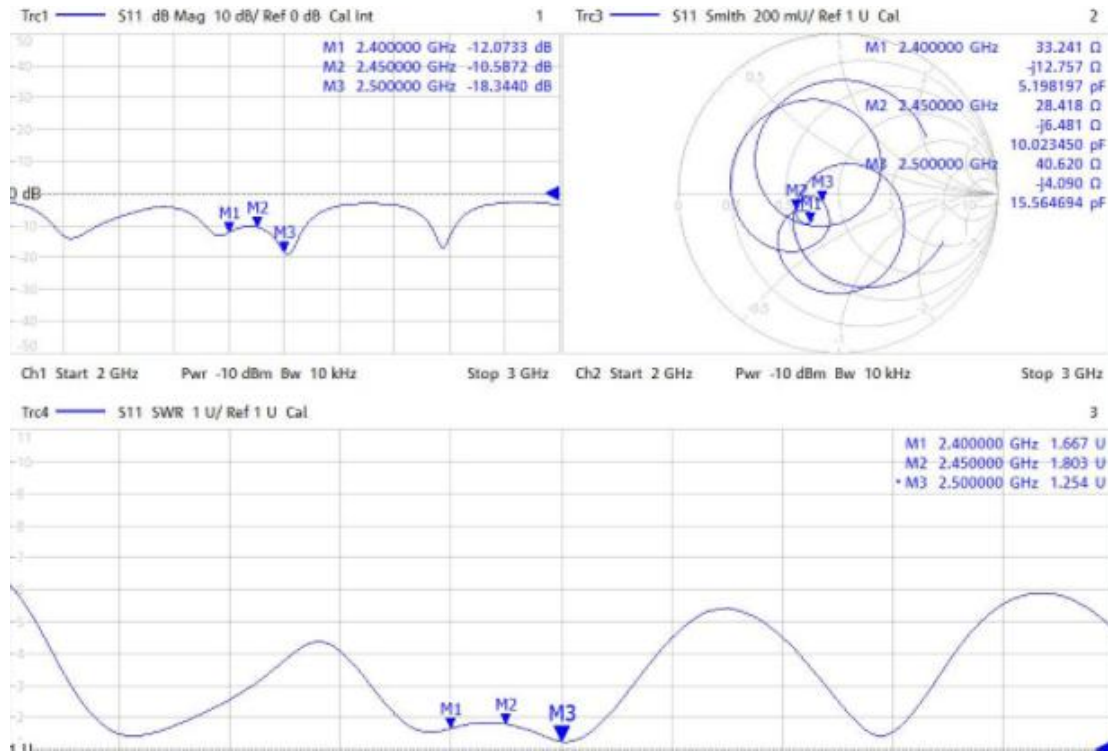


Performance parameters

Electrical parameters	
Frequency Range	2400~2500MHz
Input resistance	50 Ω
Gain	2.13dBi
Power Capacity	<10w
Polarization mode	wirear polarization
Radiation direction	Omnidirectional
connector type	terminal
Mechanical parameters	
wire length	175 ± 3mm
Sustainability	≥1kgf
Coaxial cable	Black 1. 13 wire
Salt spray test	24H
Environmental parameters	
Operating temperature	-30℃~65℃

Electrical Performance Test Report

S11 Parameter



➤ VSWR data

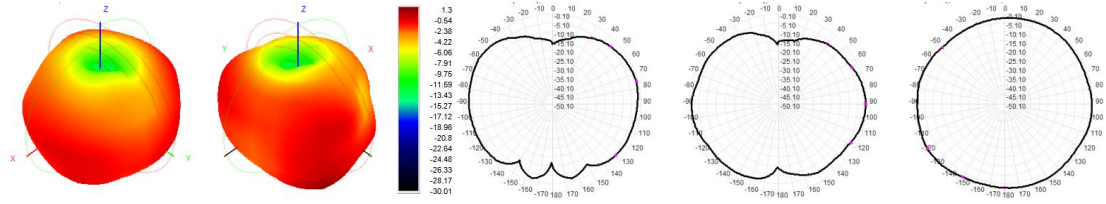
Freq/GHz	2.4	2.45	2.5
VSWR	1.66	1.80	1.25

➤ Antenna darkroom test data

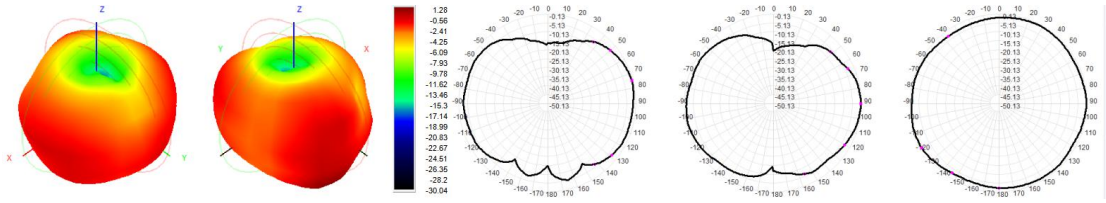
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400.0	1.30	44.65
2410.0	1.10	42.89
2420.0	1.08	42.65
2430.0	1.01	40.84
2440.0	1.10	41.40
2450.0	1.28	44.87
2460.0	1.50	48.01
2470.0	1.86	51.33
2480.0	2.13	53.32
2490.0	2.04	50.80
2500.0	2.13	49.95

Antenna pattern

2.4G



2.45G



2.5G

