



东莞市森岭智能科技有限公司

DONGGUAN SLEing INTEL-TECH CO., LTD

承 认 书

SPECIFICATION APPROVAL SHEET

Model :

A6040433

版次:

REV

A/0

品名 / 规格 :

2.4-2.5GHz

单重:

SPECIFICATION

WIFI MAIN Antenna L=57.5mm(Φ1.13+MHF)

weight

供方料号 :

SLEingA201400060-C02

SUP PART NO

日 期 :

2023.04.29

DATE

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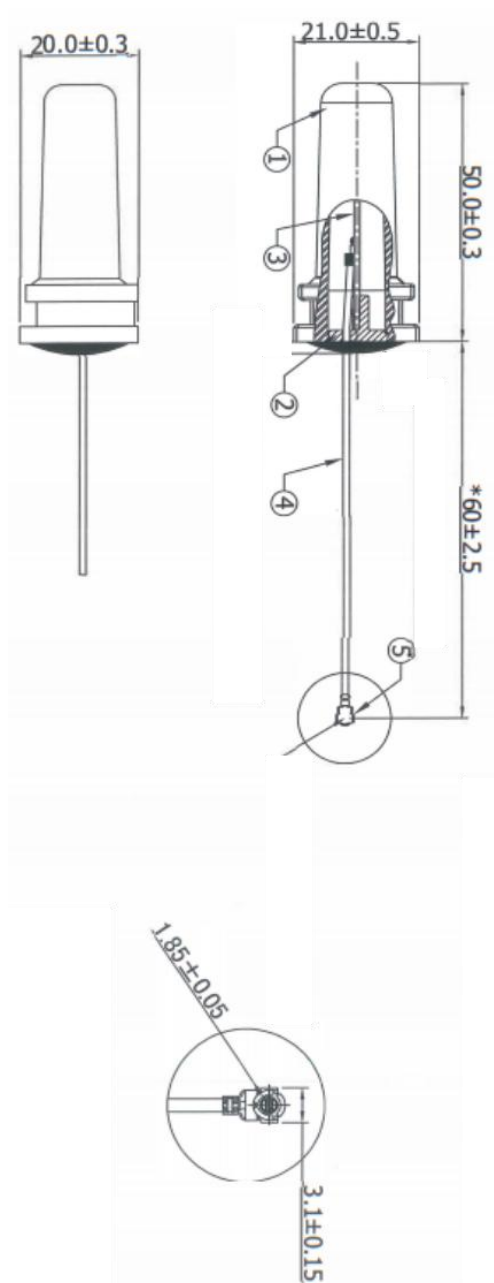
中国广东省东莞市松山湖工业东路24号现代企业加速器6栋402

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电性测试报告

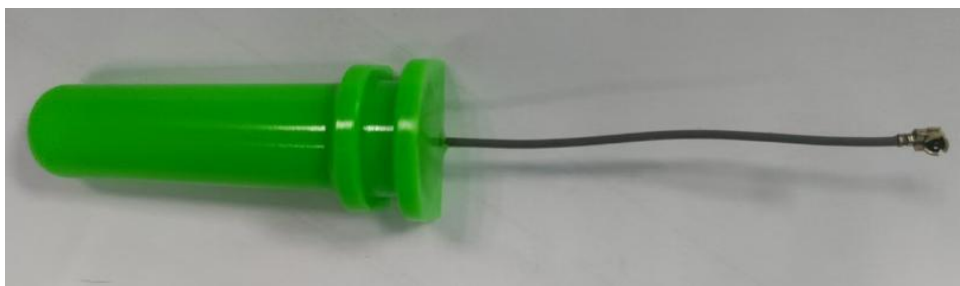
Test Reports

Electrical Properties	
Frequency	2400-2500 MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 4.5
Return Loss	-4dB Max
Radiation	Omni-directional
Gain (Peak)	-1.05 dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	MHF
Physical Properties	
Antenna Material	PC Green
Cable Type	$\Phi 1.13$ Grey
Operating Temp	-40°C-85°C
Storage Temp.	-40°C-85°C
Antenna Type	Whip Antenna

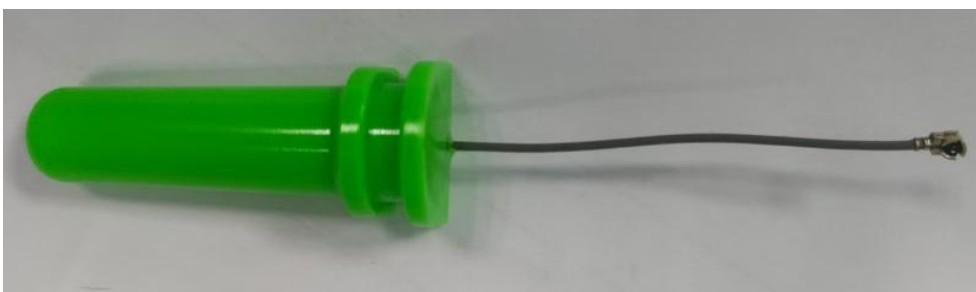
天线组装图

Antenna assembly diagram

Device



Antenna



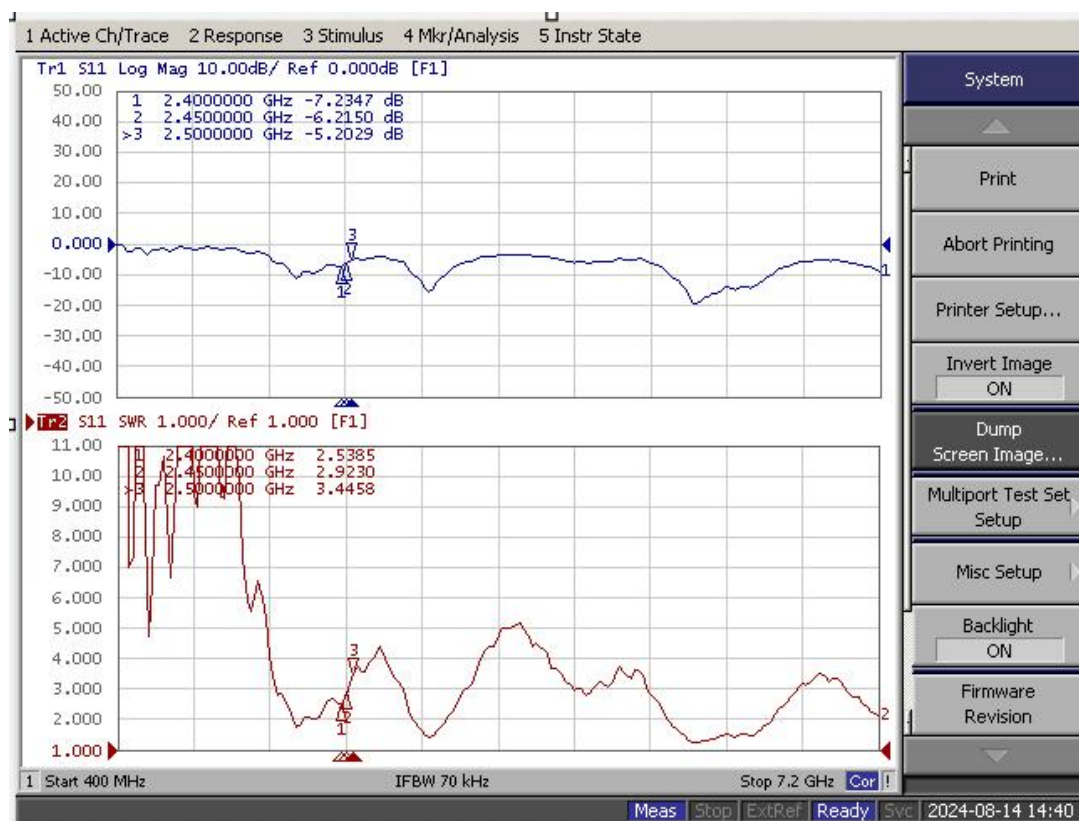
S参数测试

S Parameter Test

Agilent E5071C Network Analyzer



RF Antenna (Return Loss/VSWR)



测试效率 Test Efficiency

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	-1.34	-1.05	-1.14	-1.14	-1.24	-1.23	-1.06	-1.51	-1.61	-1.58	-1.63
Efficiency (%)	25.85	26.92	25.62	25.05	24.73	24.33	25.06	23.73	23.63	23.63	23.09

方向图
Patten

