



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	A6040436	版次:	
		REV	A/0
品名 / 规格 :	2.4~2.5GHz	单重:	
SPECIFICATION	RF Antenna L=90mm(Ø1.13 +MHF)	weight	
供 方 料 号 :	SLEingA201400090		
SUP PART NO			
日 期 :	2023.08.31		
DATE			

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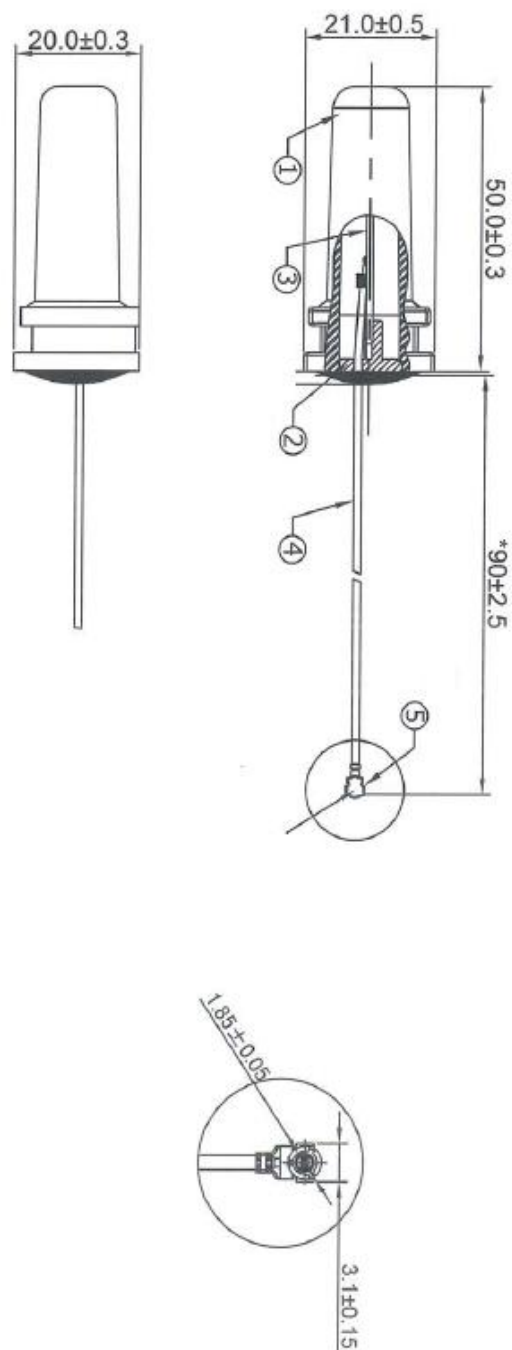
中国广东省东莞市松山湖工业东路24号现代企业加速器6栋402

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电性测试报告

Test Reports

Electrical Properties	
Frequency	2.4~2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 4.0
Return Loss	-4.5dB Max
Radiation	Omni-directional
Gain (Peak)	3.06dBi
Antenna Type	Dipole antenna
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	MHF
Physical Properties	
Antenna Material	FPCB
Cable Type	$\Phi 1.13$ mm Dark Grey
Operating Temp	-40°C ~+85°C
Storage Temp.	-40°C ~+85°C

天线组装图

Antenna assembly diagram

Device



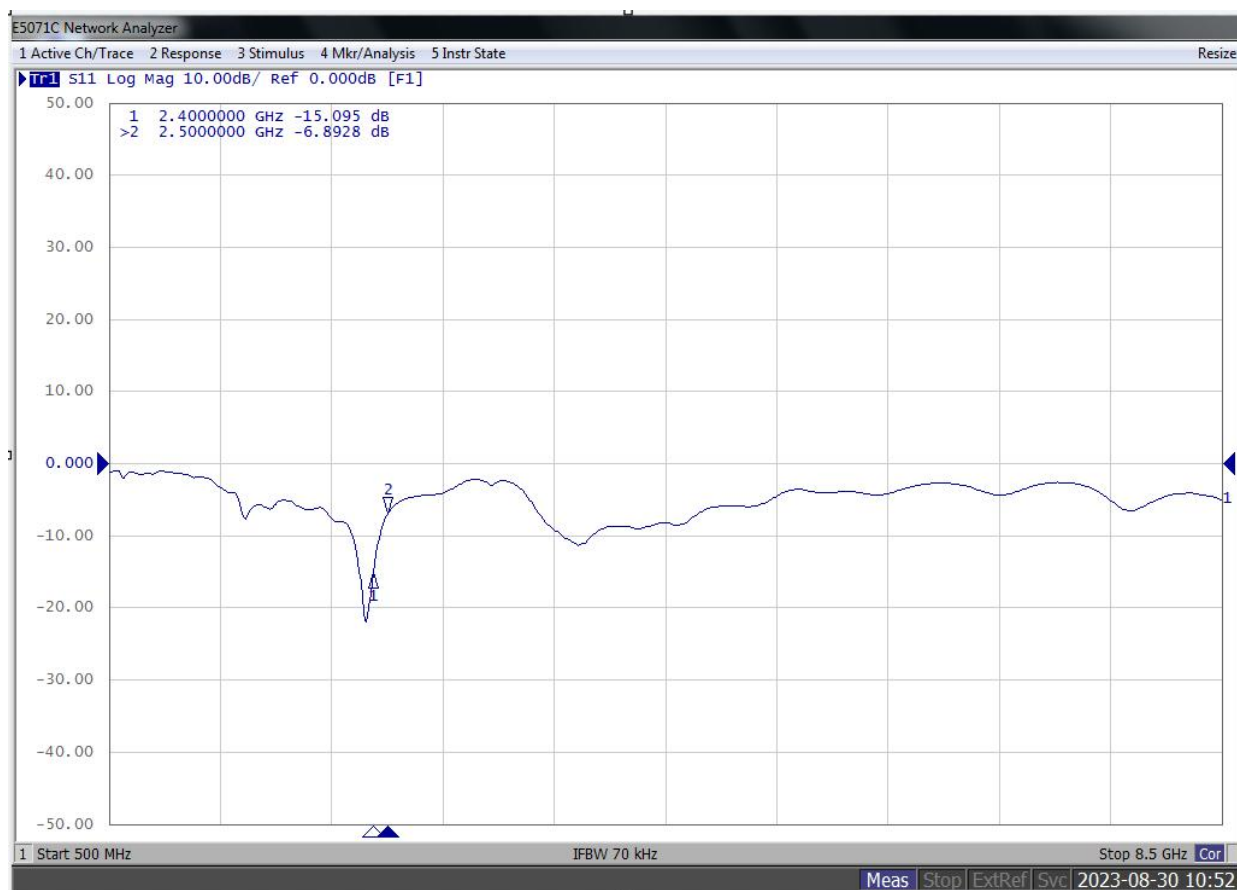
S参数测试

S Parameter Test

Agilent E5071C Network Analyzer



RF Antenna (Return Loss)



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)	2.97	3.01	3.05	3.02	3.06	2.99	2.79	2.62	2.19	2.54	2.04
Efficiency (%)	58.84	58.68	59.11	59.90	61.17	61.47	61.87	60.80	57.52	57.72	55.07



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方向图

Patten

	XoZ	YoZ	XoY	3D
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