

Dongguan Songhui Industrial Co., Ltd.

No. 26, Juxiang 2nd Road, Xiangwei Community, Dalang Town, Dongguan City

规格承认书

SPECIFICATION FOR APPROVAL

编号: 2020061801

File No. _____

版本: 1.0

Revision _____

客 户

CUSTOMER: _____

客 户 料 号

CUSTOMER NO: _____

品 名 2.4G Antenna L=200MM

PART NAME: _____

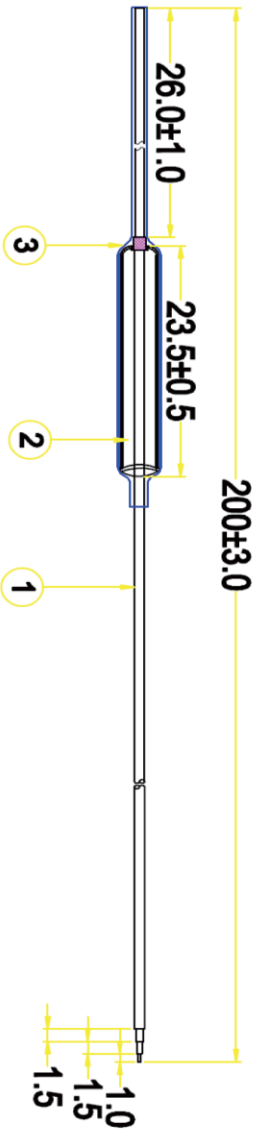
供 方 料 号 SL186P.300033.P01

SUPPLIER NO: _____

送样日期 Date:

送样数量 Q'TY: PCS

REV.	CONTENT	DATE
A	First Issue	2020.06.18



A NO	PART NAME	QTY	DESCRIPTION
1	Coaxial Cable	1	O.D. 1.13mm Gray
2	Tube	1	Cu Ø4.4*24.5mm
3	热缩套管	1	Ø*4.0mm*55mm

 东莞市松汇实业有限公司 Dongguan Songhui Co., Ltd.		CUSTOMER	
		PART NO	
		TITLE	WiFi Antenna L=200mm Tin
	TOLERANCE UNLESS OTHERWISE SPECIFIED	S.H P/NO	SL186P.300033.P01
UNIT:mm	ANGLES ±0.5° X. ±2.0	SIZE	
SHEET: 1/1	X.XX ±0.2 XX. ±5.0	DRAWN	LUOYI
SCALE: 1/1	X.X ±0.5 XXX. ±10.0	CHECKED	ZOUJIE
		APPROVED	

电 性 测 试 报 告

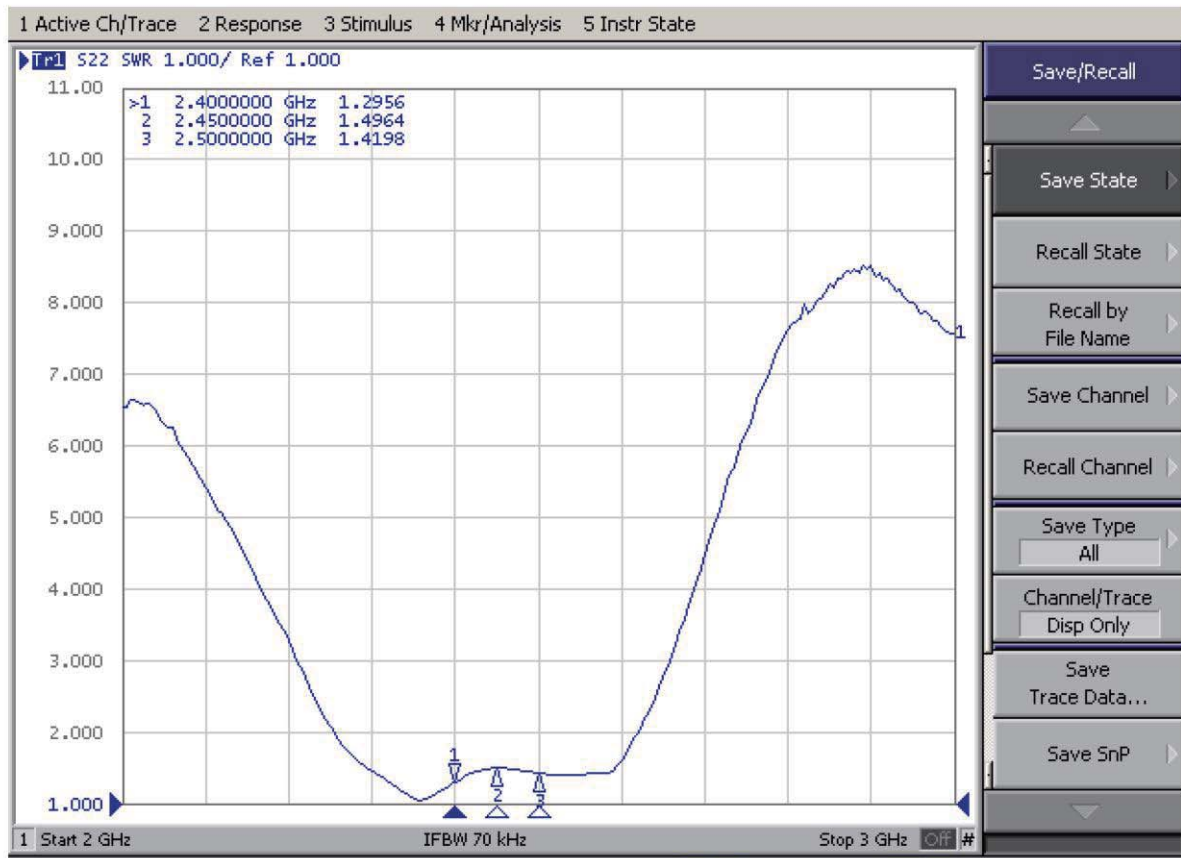
Test Reports

Electrical Properties	
Frequency	2.4GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2 dBi
Cable Loss	3.2 dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	
Physical Properties	
Antenna Material	TUBE
Cable Type	O.D. 1.13mm // L= 200mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

S 参数测试

S Parameter Test

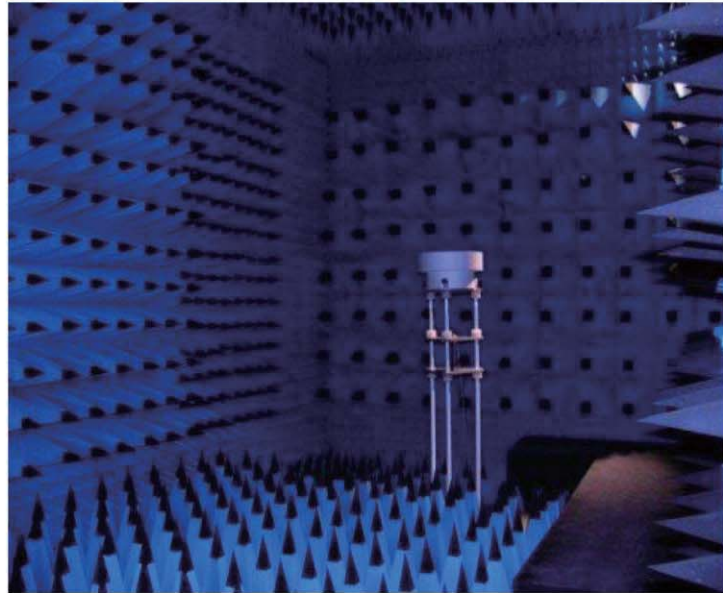
Agilent E5071C



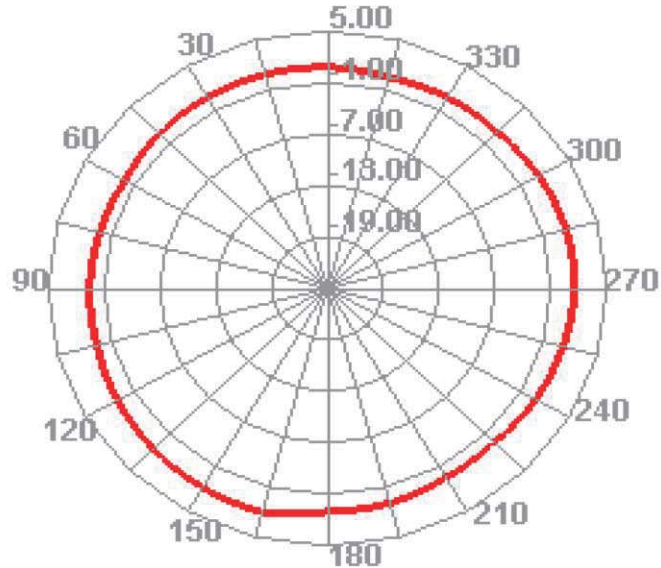
增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*



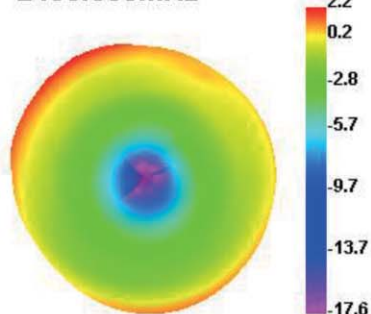
2400.000MHz H



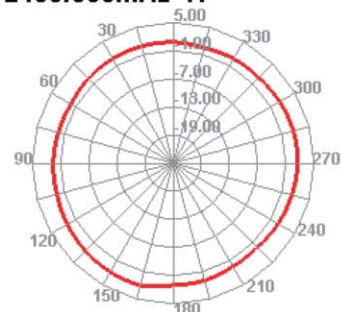
增益效率测试报告

Passive Test For 2.4										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	81.72	-0.88	2.19	0.04	43.985	37.738	2.19	-17.65	50.91	50.87
2410	79.94	-0.97	2.27	0.12	43.263	36.68	2.27	-17.35	51.03	50.97
2420	77.51	-1.11	2.18	0.03	41.916	35.597	2.18	-16.96	50.9	50.84
2430	77.3	-1.12	2.11	-0.04	41.459	35.839	2.11	-16.54	51.06	51.01
2440	84.3	-0.74	2.32	0.17	44.409	39.895	2.32	-15.87	50.91	50.89
2450	85.43	-0.68	2.29	0.14	44.303	41.132	2.29	-15.5	51.1	51.09
2460	91.24	-0.4	2.65	0.5	46.959	44.281	2.65	-15.26	51.29	51.33
2470	87.51	-0.58	2.6	0.45	45.172	42.338	2.6	-16.03	51.23	51.27
2480	89.21	-0.5	2.88	0.73	46.457	42.754	2.88	-17.51	51.41	51.5
2490	84.2	-0.75	2.7	0.55	44.307	39.895	2.7	-20.97	51.67	51.77
2500	83.52	-0.78	2.57	0.42	43.975	39.54	2.57	-25.18	51.75	51.89

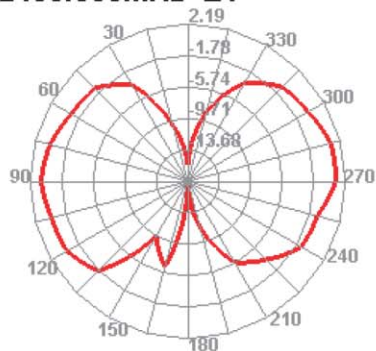
2400.000MHz



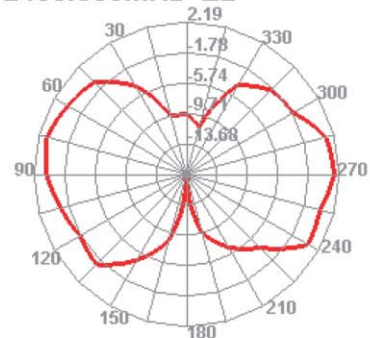
2400.000MHz H



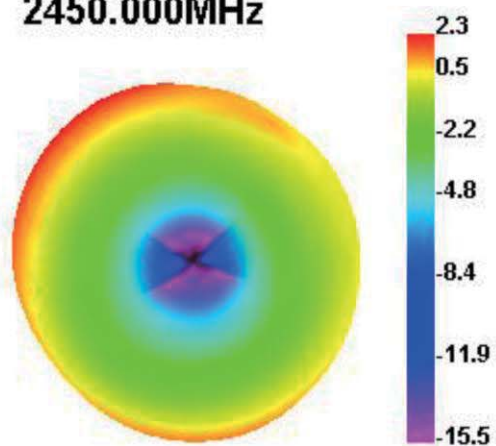
2400.000MHz E1



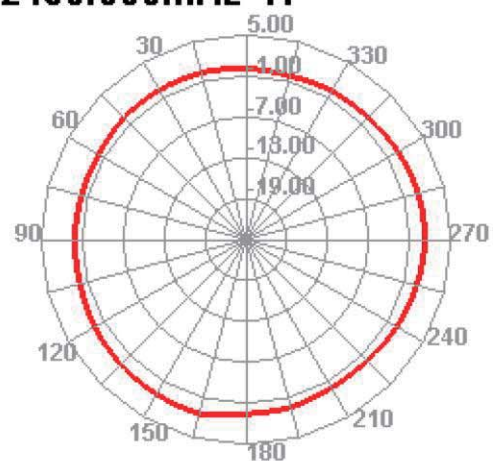
2400.000MHz E2



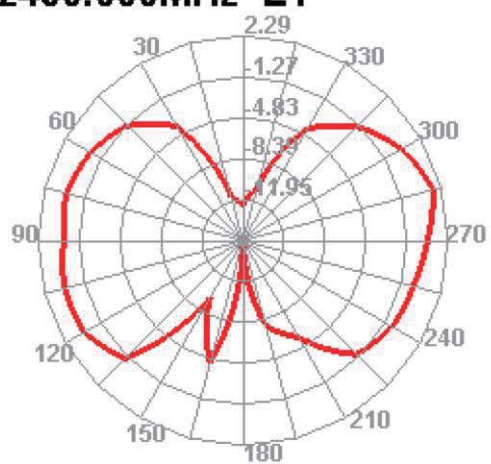
2450.000MHz



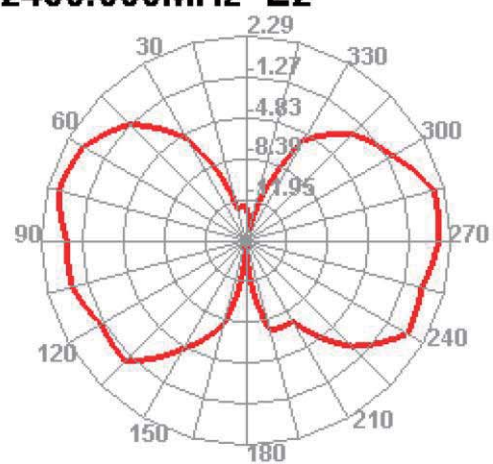
2450.000MHz H



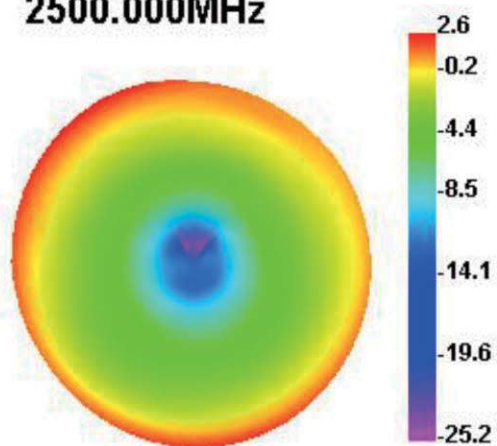
2450.000MHz E1



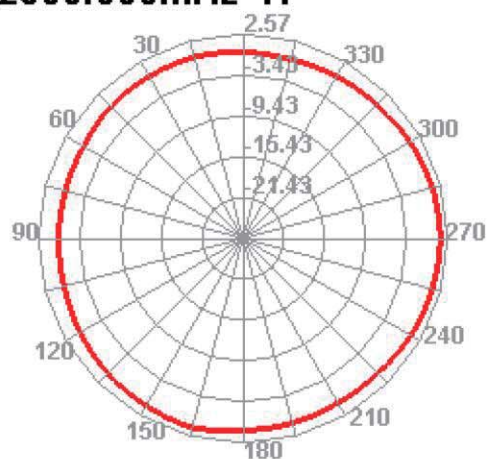
2450.000MHz E2



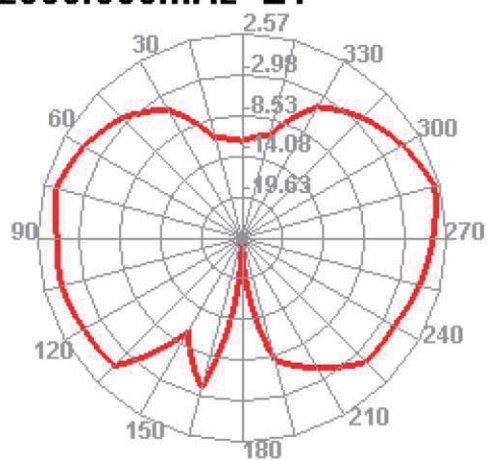
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

