



深圳市博格斯通信技术有限公司
shenzhen bogesi communication technology co.,ltd

产品规格书

Specification

客 户: 深圳市金亚太科技有限公司 Shenzhen Geniatech INC., LTD.
Client
客户编码: 040303021401
PART NO.
产品描述: WIFI外置胶套天线 WiFi Antenna
Product Name
制造商编码: BGS-016C
Model No.
产品制造商: 深圳市博格斯通信技术有限公司 Shenzhen bogesi communication technology co.,ltd.
Supplier
承认日期: 2021年1月29日 Jan 29th,2021
Date

供应商签章 Signed by supplier	客户签章 Signed by client
	



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Scope of use:

Applicable to Shenzhen Jin Yatai Technology Co., Ltd.'s WIFI external rubber sleeve antenna solution.

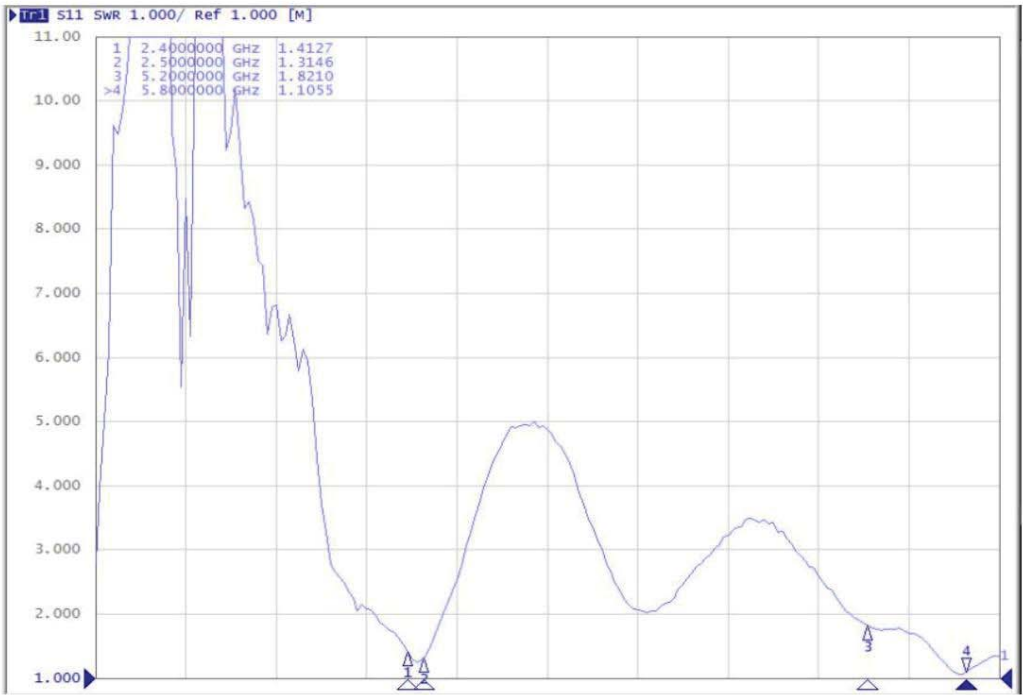
Electrical specifications:

Frequency	2.4G/5G	Metal material copper	
range Input	50 Ω	Plastic material	Rubber cap: TPE
impedance VSWR	≤ 3.5		Adapter 1: PA+ABS
Gain	3.68dbi		Adapter 2: PA+ABS RF cable
Polarization	Linear polarization	RF cable specifications	RG-178
Operating	- 40°C — + 65 °C	Connector specifications	RP-SMA-J
Temperature connector torque test	200- 1000 g.cm	Joint tensile test	SMA ≥ 3kg

Test conditions and methods:

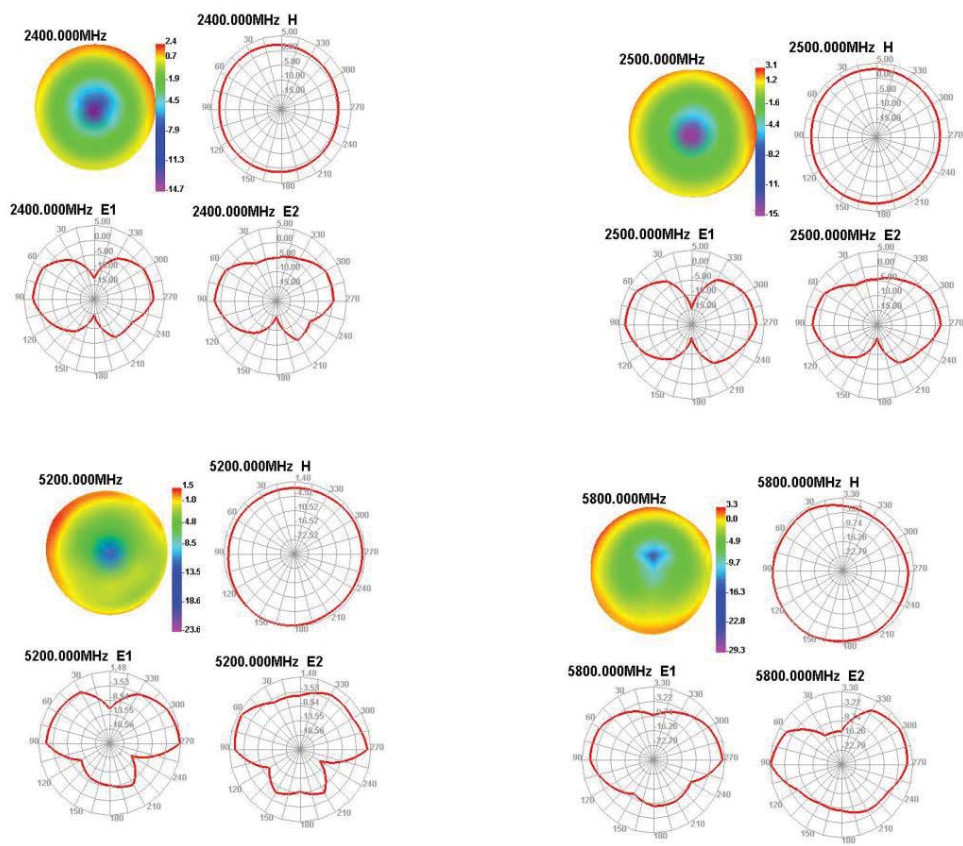
Test conditions and instruments	Test Method	Test results
Aglient E5071B Network network analyzer	Connect the sample to the network analyzer to test the antenna standing wave	See test data

Test data:



WiFi antenna passive test data					
Passive efficiency 2400M-2500M			Passive efficiency 5100M-5800M		
Freq	Effi (%)	Gain	Freq	Effi (%)	Gain
(MHz)	(%)	(dBi)	(MHz)	(%)	(dBi)
2400	50.46	2.4	5100	54.99	1.41
2410	60.51	2.91	5120	51.87	1.19
2420	62.39	2.96	5140	52.64	1.28
2430	67.52	3.13	5160	50.83	1.24
2440	65.18	3	5180	54.46	1.57
2450	63.93	2.93	5200	54.26	1.48
2460	59.31	2.75	5220	56.95	1.67
2470	58.5	2.85	5240	53.5	1.3
2480	54.02	3.16	5260	58.56	1.6
2490	57.76	3.23	5280	58.1	1.45
2500	59.32	3.11	5300	62	1.49
			5320	61.12	1.73
			5340	61.88	1.67
			5360	62.27	1.8
			5380	65.7	2.17
			5400	64.43	2.17
			5420	66.93	2.25
			5440	69.83	2.29
			5460	71.09	2.26
			5480	70.45	2.15
			5500	70.56	2.22
			5520	68.27	2.13
			5540	66.58	2.12
			5560	65.76	2.29
			5580	62.78	2.33
			5600	63.87	2.7
			5620	62.38	2.63
			5640	63.01	2.69
			5660	67.73	2.97
			5680	66.14	2.77
			5700	67.43	2.62
			5720	68.33	2.52
			5740	68.86	2.67
			5760	69.79	3.06
			5780	70.54	3.33
			5800	68.43	3.3
			5820	69.89	3.52
			5840	67.73	3.68
			5860	61.72	3.37
			5880	61.06	3.12
			5900	60.61	3.19

Field diagram:

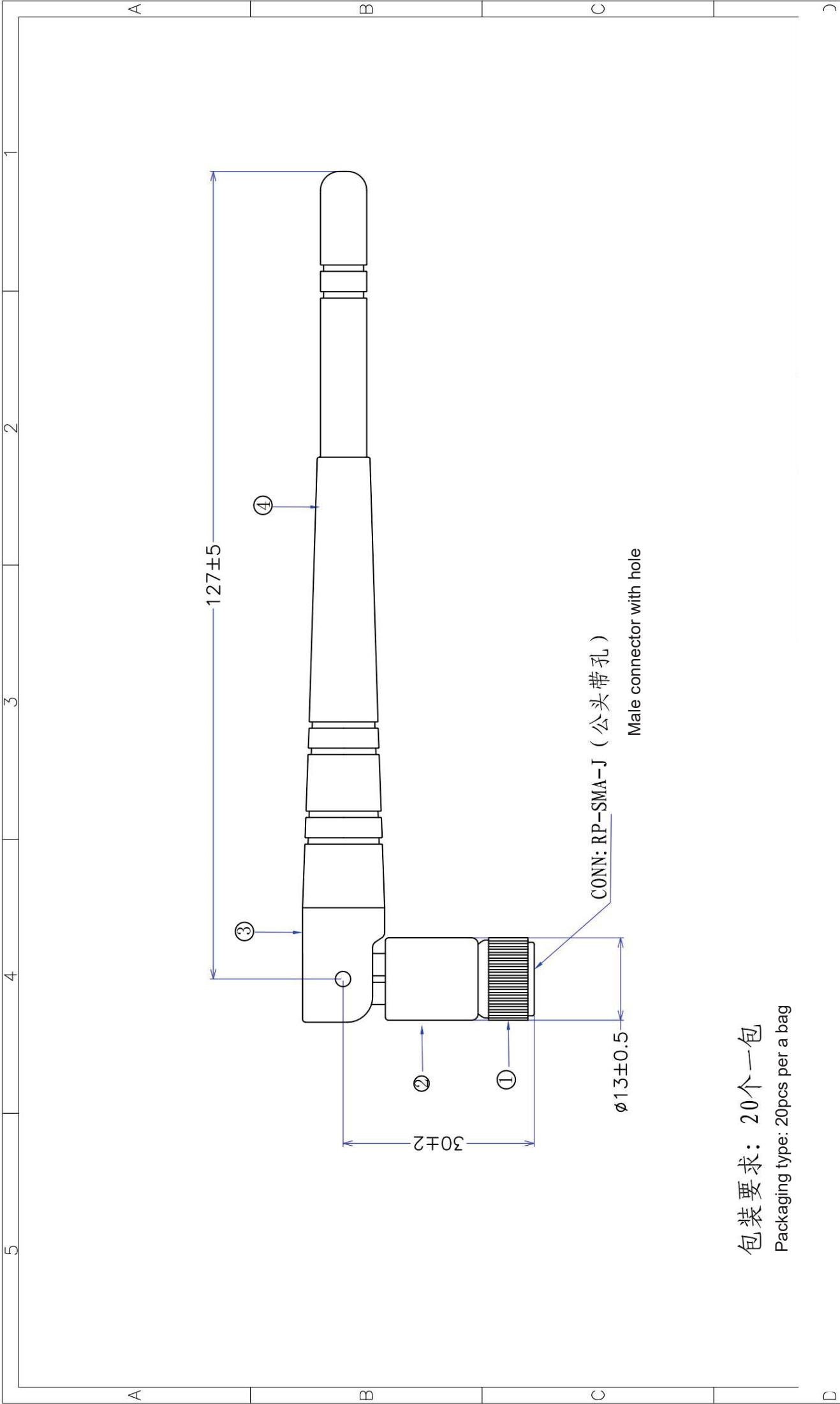




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Sample pictures:





包装要求: 20个一包
Packaging type: 20pcs per a bag



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Antenna Packaging Instructions

1. Outer packaging: carton packaging

Front view:



side view:



2. Inner packaging (20 pieces per bag, the size of the bag depends on the product size)

