SPECIFICATION FOR APPROVAL

Customer Name	Edan					
Customer Product Model	01.06.016930010					
Specification	NANO WIFI ANT					
MPN:	LBS-049B (RB version)					
Manufacturer	Shenzhen Bogesi Communication Technology Co., Ltd					
Approve Date	2024/4/16					
Sup	plier Sign and Seal	Customer Sign and Seal				

Note: 1. After the electronic file or paper file that has been stamped by BGS and was provided to the customer,, the customer need to sign the paper or electronic file of the approval back to BGS before place the formal order to BGS. If there is no formal change or change notice, BGS acquiesce that the customer approve and accept this specification of product.

2. The relevant intellectual property rights of this product are owned by Shenzhen Bogesi Communication Technology Co., Ltd. Without the permission of our BGS, please do not apply for patent rights for this product in other names, and please do not disclose this product and related information to others or provide to third-party for viewing and use.



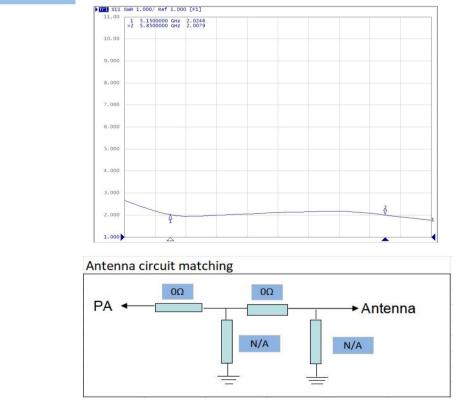
深圳市博格斯通信技术有限公司

shenzhen bogesi communication technology co., Itd

Application:

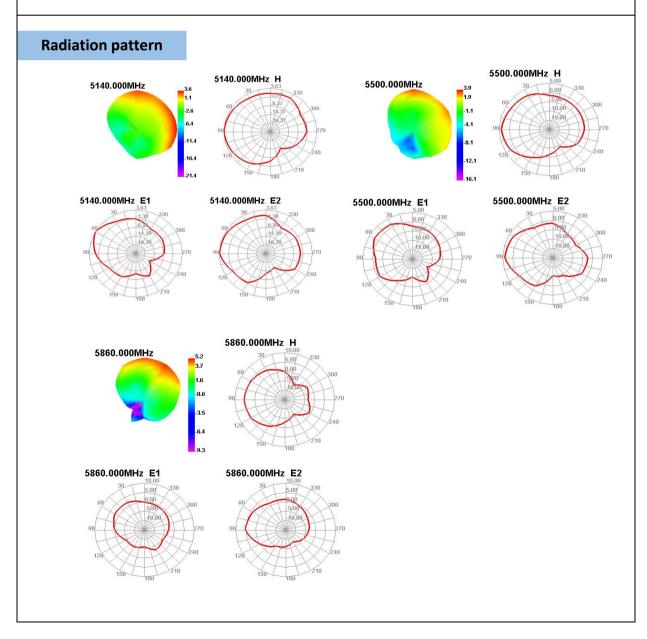
Applied on the Edan's NANO project

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Electrical specific	cations:				
Frequency band	5140-5860	Antenna material			
Impedance	50Ω	Connector			
VSWR	≤3.0	Polarization	Linear polarization		
Calin	1.00<	Working Temperatu	·• -40°C∼+85°C		
Gain	1.88≤gain≤5.91	Storage Temperatur	e +19℃~+23℃		
TRP&TIS:					
Test instruments	Test Metho	Test result			
BLUETEST.se RTS60 Chamber CMW5000	 Assemble the antenna inside device OTA RF test in anachoic chamber Measuring TRP and TIS 	see the test data			
Test conditions a	nd instruments				
Test instruments	Test Metho	Test Method			
7×4×3 anechoic chamber + Aglient E5071B Network analyzer	1.Assemble the antenna inside device2. Put the device on the fixture in the chamnetwork analyzer3. Test the passive test data using the test	see the test data			
Test data	10. 100 the passive test data using the test.				
VSWR:					
	S11 SWR 1.000/ Ref 1.000 [F1]				



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Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
5140	63. 72	3. 63	5500	61.68	3. 92
5160	60.14	2.95	5520	65.61	4. 51
5180	61. 16	3. 12	5540	62.53	4. 1
5200	65.02	3. 59	5560	63.16	3. 47
5220	57. 47	3. 13	5580	67.32	3. 69
5240	65.89	3.86	5600	64. 54	3. 96
5260	69.67	4. 2	5620	62.51	3. 33
5280	62.61	4.04	5640	61.48	3. 95
5300	56. 68	4.64	5660	64.83	4. 61
5320	54.74	4. 58	5680	54.83	3. 98
5340	58. 37	4. 14	5700	57. 2	4. 18
5360	55. 22	4. 43	5720	56.78	4. 15
5380	61.77	4. 29	5740	57. 31	4. 2
5400	67. 17	3. 96	5760	58. 1	4. 28
5420	66.07	4. 69	5780	57.81	4. 3
5440	61.33	3. 53	5800	61.67	4. 65
5460	63.06	4. 16	5820	65.97	4. 85
5480	64. 43	4.7	5840	68.38	4. 57
			5860	70.98	5. 19

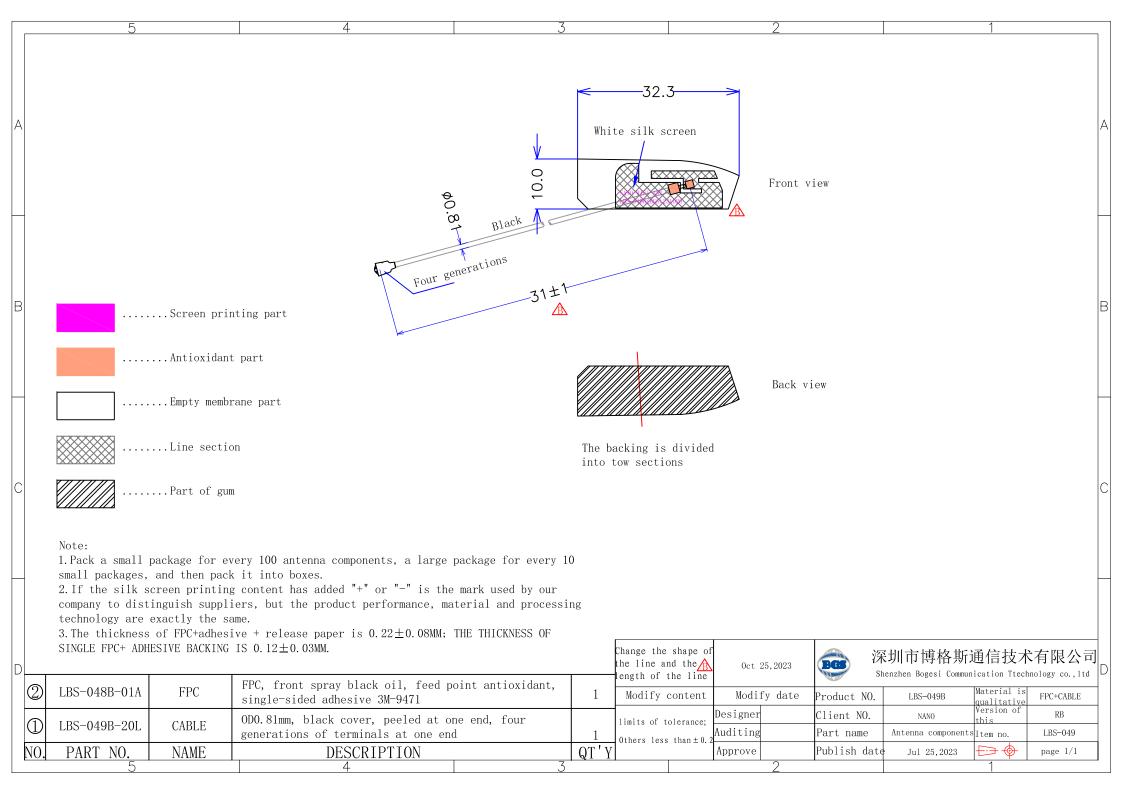


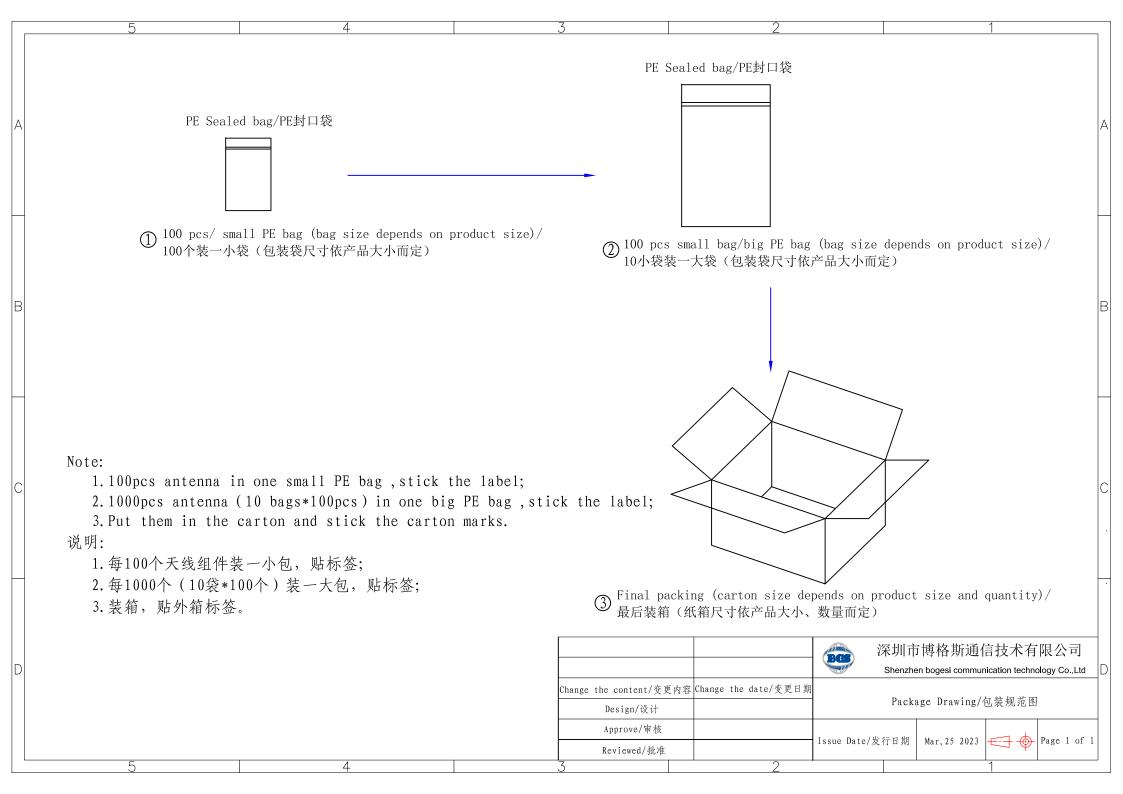


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Sample picture:







Product Materials Ingredient Declaration Form

Product Name		NANO WIFI ANT	Mode	el NO.	LBS-049B		Declaration Date		2024/4/16	
No. Part name		Homogeneous Material Name		The homogeneous material contains the value of RoHS restricted substance (ppm)				alue of	Certification number	Test date
			Cd	Pb	Hg	Cr+6	PBB	PBDE		
1	PPC FPC	Electrolytic flexible copper-clad foil substrate	ND	ND	ND	ND	ND	ND	SHAEC24000428808	2024/1/12
2		Solder resist ink	ND	ND	ND	ND	ND	ND	ETR23701480	2023/7/13
3		3M glue	ND	ND	ND	ND	ND	ND	SHAEC23021627701	2023/12/27
4	Wire	RF coaxial cable	ND	ND	ND	ND	ND	ND	SZXEC23001776704	2023/8/8
5		Gold plating	ND	ND	ND	ND	ND	ND	A2230400553101001E	2023/8/9
6	⊣ ⊢	PBT	ND	2.55	ND	ND	ND	ND	ETR23705931	2023/8/4
7		Tin Phosphor Bronze	ND	ND	ND	ND	ND	ND	A2230400553101002E	2023/8/9

Description:

Material analysis expansion table is similar to our company's machine type BOM, which describes the composition of each material provided by the supplier, and then conducts RoHS control on each component (or the supplier shall conduct RoHS compliance management on his supplier, and provide tripartite inspection certificate).

A complete material analysis expansion table that includes:

- 1. Material expansion table: component composition decomposition
- 2. Third-party verification report of each component