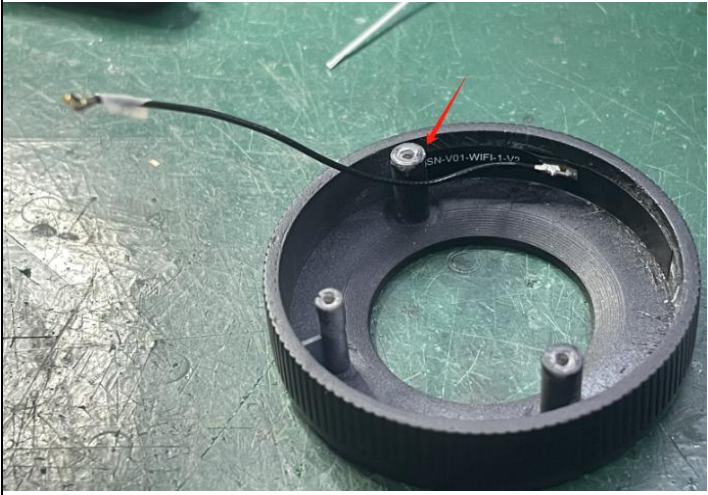
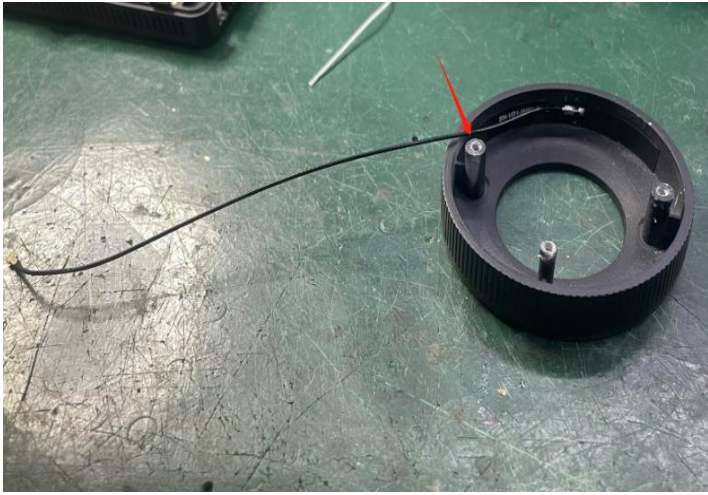


型号: SN-V01--WIFI-0-V3	大小: 53mm*6mm	制造商: 司南微 (sinawell)	类型: FPC
型号: SN-V01--WIFI-1-V3	大小: 40mm*6mm	制造商: 司南微 (sinawell)	类型: FPC
Report	Test pattern		

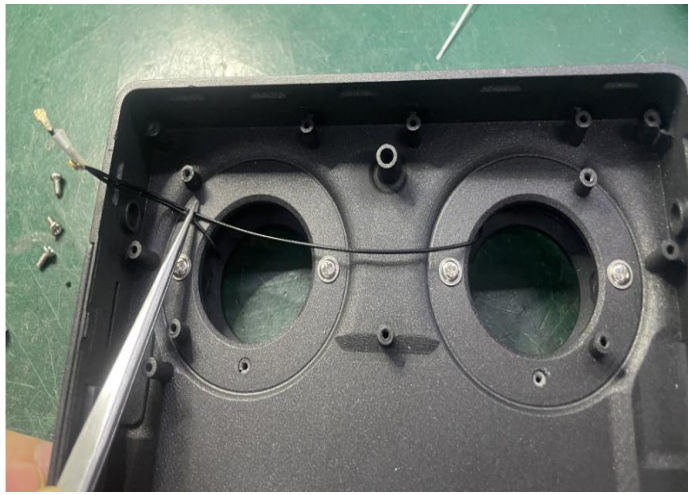
Whole machine environment treatment



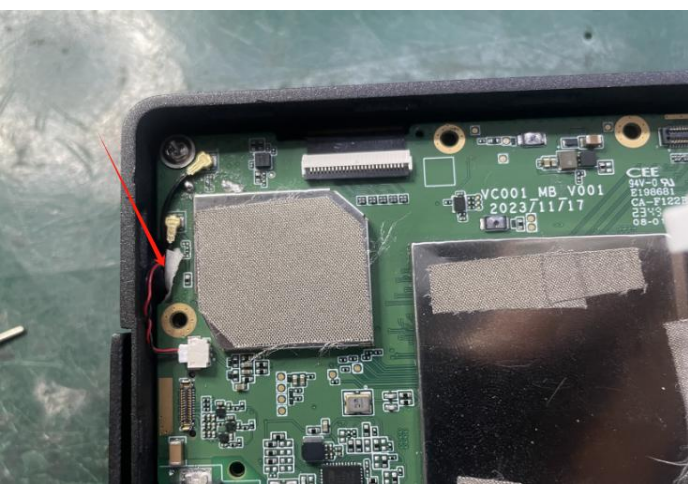
The fitting position of the WiFil antenna is as shown in the figure. The left edge of the antenna is close to the screw post pointed by the arrow. The coaxial line of the WiFil antenna is 70mm long.



The fitting position of the WiFi0 antenna is as shown in the figure. The left edge of the antenna is close to the screw post pointed by the arrow. The coaxial line of the WiFi1 antenna is 130mm long.



The coaxial cable outlet method is as shown in the figure.



As shown in the picture, the two head axes pass through the motherboard gap at the position indicated by the arrow and then buckle on the motherboard.

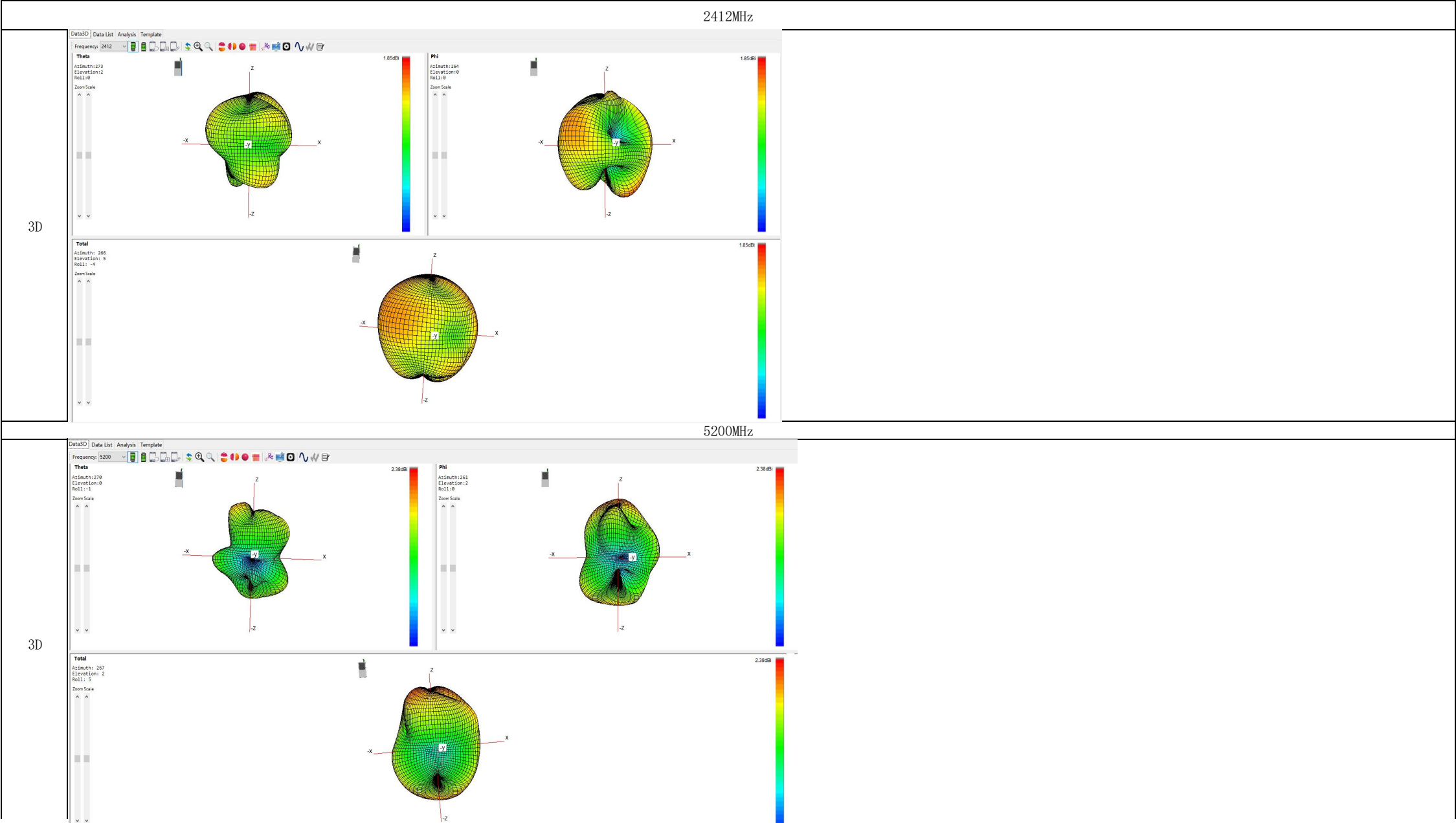
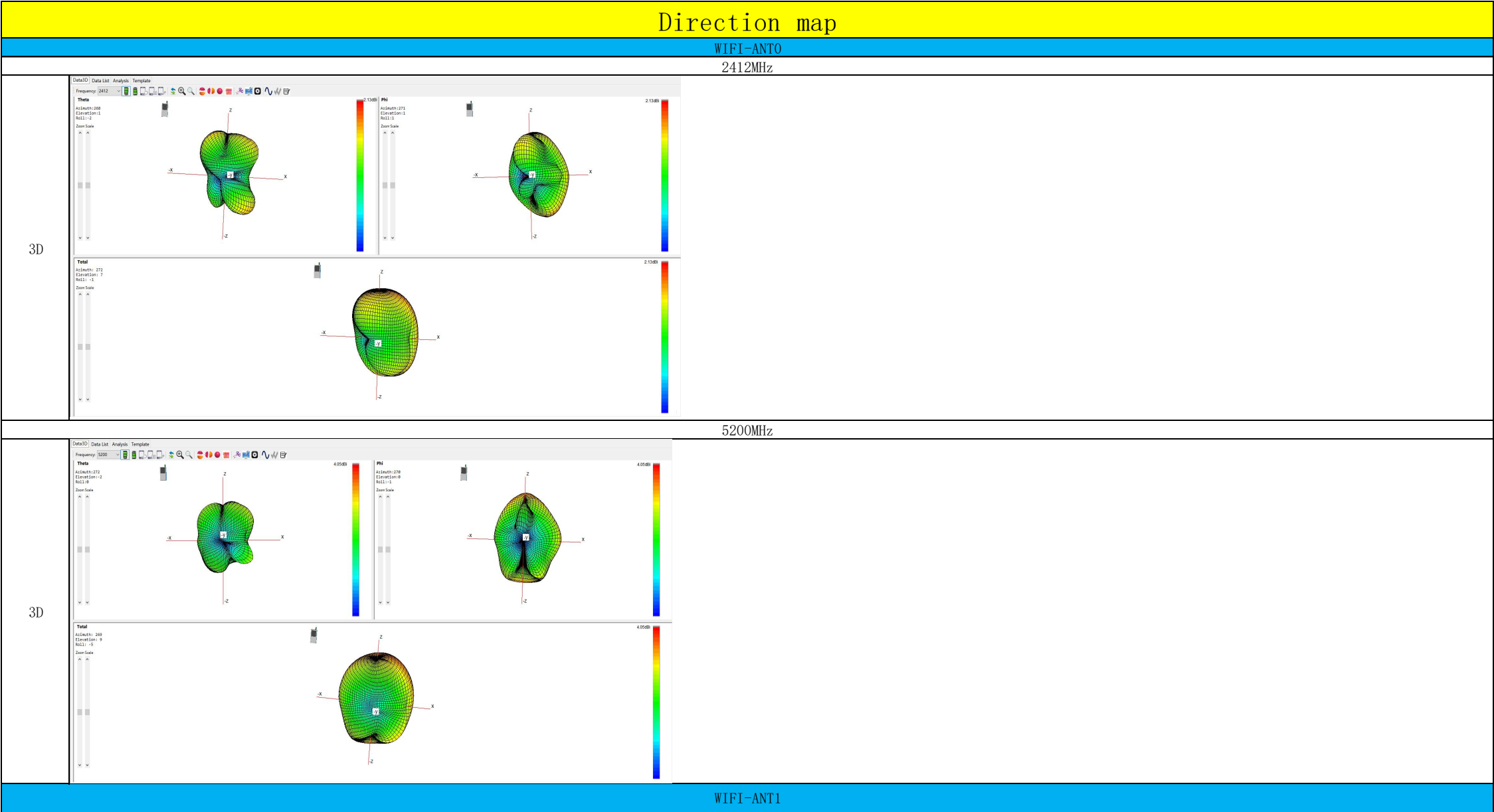


左 右
从屏幕正面看过去



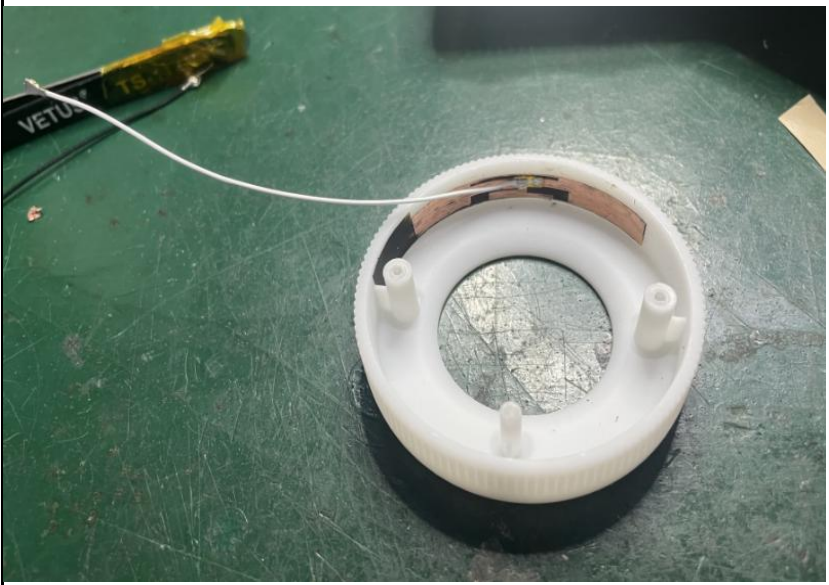
主: WIFI0 ANT
辅: WIFI1

As shown in the picture, looking from the front of the screen, the left camera is attached to the WiFil antenna, and the coaxial cable is buckled to the socket marked "auxiliary" in the picture. The right camera is attached to the WiFi0 antenna, and the coaxial cable is buckled to the socket marked "main" in the picture.



型号: SN-V01--WIFI-0-V3	大小: 53mm*6mm	制造商: 司南微 (sinawell)	类型: FPC
型号: SN-V01--WIFI-1-V3	大小: 40mm*6mm	制造商: 司南微 (sinawell)	类型: FPC
Report overview:	Passive efficiency		

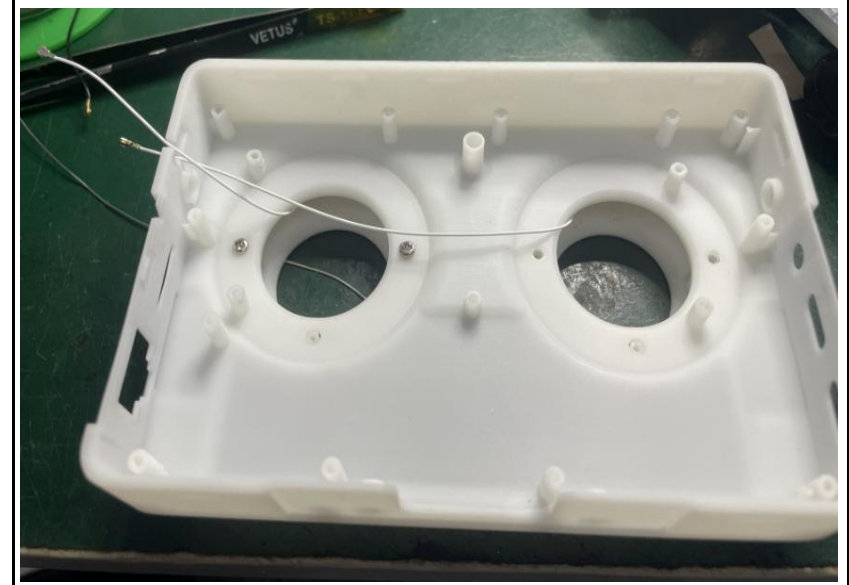
Whole machine environment treatment



The fitting position of the WiFi0 antenna is as shown in the figure. The length of the coaxial cable of the WiFi0 antenna is 70mm.



The fitting position of the WiFi1 antenna is as shown in the figure. The coaxial line of the WiFi1 antenna is 140mm long.

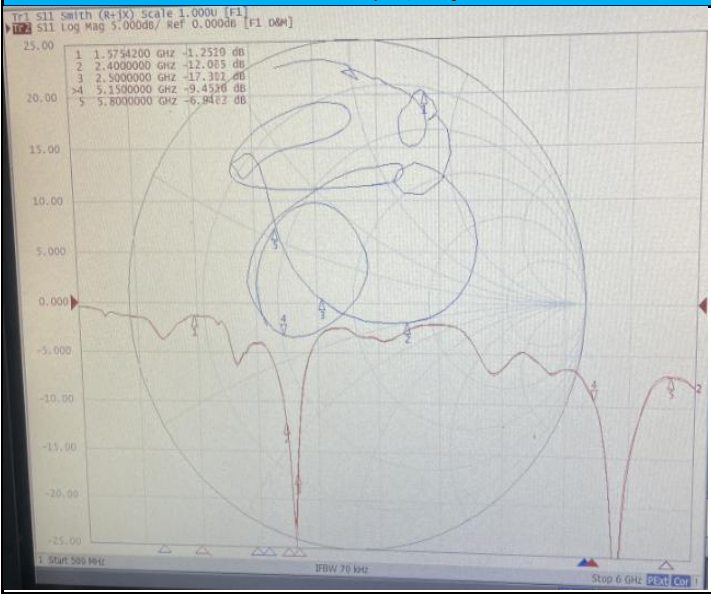


The coaxial cable outlet method is as shown in the figure.

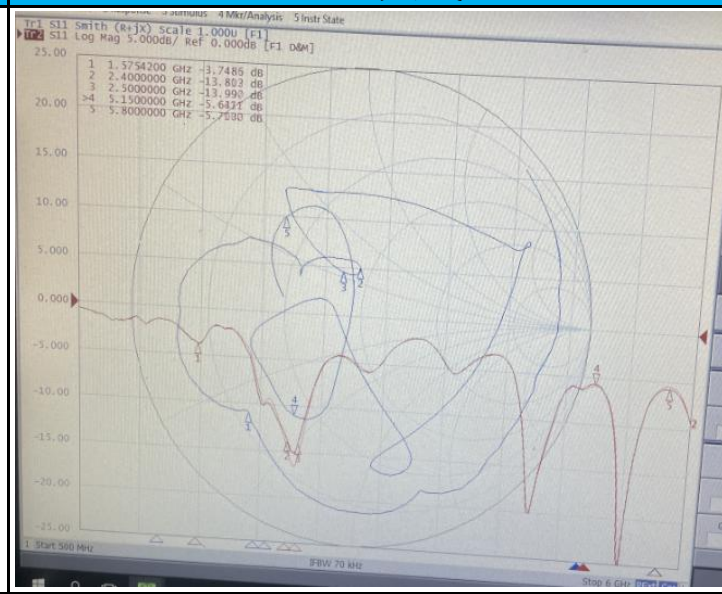
Impedance diagram

Antenna diagram

WiFi0天线



WiFi1天线



WiFi0天线



WiFi1天线



Passive data															
WiFi0-主								WiFi1-辅							
2.4G				5G				2.4G				5G			
Freq (MHz)	Effi (dB)	Gain (dBi)	Effi (%)	Freq (MHz)	Effi (dB)	Gain (dBi)	Effi (%)	Freq (MHz)	Effi (dB)	Gain (dBi)	Effi (%)	Freq (MHz)	Effi (dB)	Gain (dBi)	Effi (%)
2400	-3.65	1.83	43.15	5000	-3.53	3.23	44.34	2400	-3.28	1.61	46.97	5000	-3.79	1.98	41.76
2410	-3.47	2.13	45.03	5020	-3.47	3.4	44.97	2410	-3.2	1.85	47.85	5020	-3.67	2.17	42.95
2420	-3.42	2.4	45.46	5040	-3.52	3.47	44.43	2420	-3.37	1.9	46.08	5040	-3.68	2.15	42.81
2430	-3.41	2.64	45.63	5060	-3.46	3.61	45.07	2430	-3.4	1.86	45.76	5060	-3.57	2.18	43.95
2440	-3.43	2.68	45.34	5080	-3.48	3.7	44.83	2440	-3.36	2.02	46.18	5080	-3.47	2.21	44.99
2450	-3.5	2.77	44.71	5100	-3.54	3.67	44.22	2450	-3.23	2.2	47.49	5100	-3.5	2.05	44.71
2460	-3.54	2.86	44.28	5120	-3.4	3.82	45.73	2460	-3.26	2.15	47.17	5120	-3.39	2.12	45.85
2470	-3.48	3.02	44.91	5140	-3.3	3.98	46.74	2470	-3.22	2.3	47.64	5140	-3.33	2.29	46.48
2480	-3.49	3.14	44.79	5160	-3.35	3.93	46.27	2480	-3.2	2.31	47.92	5160	-3.29	2.44	46.84
2490	-3.53	3.19	44.38	5180	-3.26	4.03	47.2	2490	-3.19	2.35	47.96	5180	-3.19	2.62	48.01
2500	-3.51	3.28	44.59	5200	-3.15	4.05	48.38	2500	-3.16	2.48	48.33	5200	-3.44	2.38	45.24
				5220	-3.08	4.09	49.15					5220	-3.47	2.38	45
				5240	-2.98	4.13	50.36					5240	-3.63	2.2	43.36
				5260	-3.18	3.81	48.04					5260	-3.66	2.24	43.05
				5280	-3.11	3.75	48.9					5280	-3.69	2.29	42.76
				5300	-3.2	3.61	47.91					5300	-3.63	2.5	43.38
				5320	-3.26	3.5	47.24					5320	-3.42	2.86	45.53
				5340	-3.35	3.38	46.25					5340	-3.35	3.02	46.22
				5360	-3.28	3.52	46.97					5360	-3.28	3.17	47.03
				5380	-3.05	3.79	49.57					5380	-3.35	3.14	46.2
				5400	-2.96	3.83	50.56					5400	-3.54	2.89	44.25
				5420	-2.9	3.77	51.31					5420	-3.55	2.78	44.15
				5440	-2.97	3.63	50.44					5440	-3.55	2.64	44.12
				5460	-3.1	3.41	48.93					5460	-3.61	2.47	43.55
				5480	-3.07	3.35	49.28					5480	-3.32	2.73	46.59
				5500	-3.05	3.29	49.59					5500	-3.31	2.64	46.65
				5520	-3.07	3.29	49.37					5520	-3.27	2.64	47.15
				5540	-2.72	3.77	53.45					5540	-2.89	2.95	51.41
				5560	-2.67	3.86	54.05					5560	-3.02	2.87	49.94
				5580	-2.6	3.92	54.9					5580	-3.05	2.94	49.52
				5600	-2.24	4.2	59.72					5600	-2.78	3.33	52.73
				5620	-2.37	4.01	57.96					5620	-3.1	3.12	48.93
				5640	-2.4	3.93	57.54					5640	-2.86	3.43	51.75
				5660	-2.14	4.18	61.12					5660	-3.03	3.32	49.74
				5680	-2.49	3.86	56.43					5680	-3.06	3.35	49.44
				5700	-2.27	4.13	59.27					5700	-2.7	3.75	53.69
				5720	-2.47	3.83	56.64					5720	-3.15	3.39	48.41
				5740	-2.49	3.58	56.42					5740	-2.88	3.69	51.49
				5760	-2.11	3.83	61.58					5760	-2.81	3.76	52.39
				5780	-2.55	3.41	55.65					5780	-2.88	3.66	51.57
				5800	-2.25	3.75	59.54					5800	-2.74	3.81	53.18