

Acknowledgement Letter

Client: Guangzhou Shengwei Electric Manufacturing Co.,Ltd.

Product Item: 2.4G-5.8G-1 WIFI+2.4G-5.8G-2 WIFI2+BT
Antenna

Client Project No.: 168 Tablet

Client Materials

No.: /

康源 New Model

No.: HSL004-A+B+C

Issued:	Audit:	Approval:	Client Confirmed:
Ruibin zhou	xing liang qin	xinjian din	Zin Ye
2020.07.23	2020.07.23	2020.07.23	2020.07.25

Add: 6 th Floor,Building 21,Guangqian Industrial Zone,Nanshan District,Shenzhen City,GuangDong Province

Tel:0755-86238626;Fax:0755-86238957 [Http://www.kyxct.com](http://www.kyxct.com)

Electrical Specifications:

Frequency Range	2400MHz~2500MHz, 5150MHz~5850 MHz	Antenna Material	FPC +Cable
Impedance	50 Ω	Antenna Connection Method	Wire connection
Standing-wave Ratio	≤ 3	Working Temperature	-40℃~+80℃
Gain	2.4G $\leq$ 3.5dBi; 5.8G $\leq$ 4.5dBi	Storage Temperature	25℃ $\pm$ 5℃
Polarization Mode	Linear polarization		

Antenna Test Data:

2.4-5.8G-1 WIFI Antenna

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
2400	51.56	2.23	5150	42.31	2.69
2410	51.49	2.58	5220	45.4	3.56
2420	52.08	3.02	5290	51.15	4.36
2430	50.2	2.87	5360	58.16	4.19
2440	53.03	3.34	5430	60.09	4.23
2450	55.19	3.38	5500	66.34	4.32
2460	54.1	2.71	5570	62.52	4.32
2470	54.07	2.99	5640	66.7	3.39
2480	54.24	3.1	5710	49.43	2.32
2490	54.14	2.89	5780	47.81	2.81
2500	51.07	2.56	5850	56.69	3.06

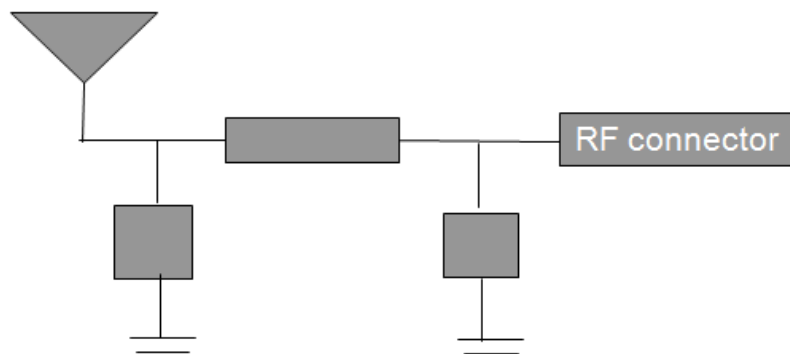
2.4-5.8G-2 WIFI2 Antenna

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
2400	48.39	2.98	5150	54.73	3.01
2410	47.81	2.76	5220	51.58	2.86
2420	49.17	2.87	5290	60.15	3.68
2430	45.73	2.97	5360	62.54	3.38
2440	45.35	2.81	5430	57.88	3.99
2450	48.27	2.74	5500	72.8	3.75
2460	47.22	2.82	5570	60.89	4.17
2470	46.81	2.72	5640	61.24	3.97
2480	45.42	2.48	5710	57.81	3.56
2490	48.9	2.68	5780	50.65	2.38
2500	45.75	2.29	5850	53.7	2.61

BT Antenna

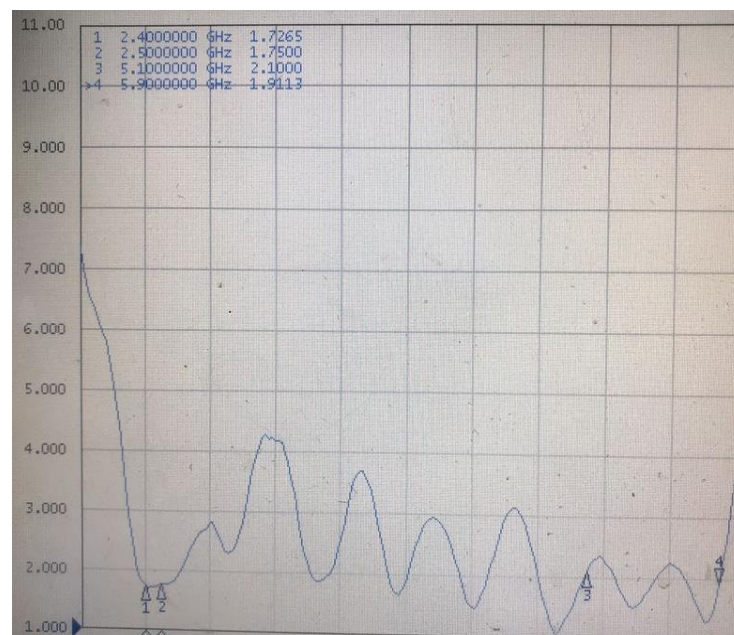
Freq (MHz)	Effi (%)	Gain (dBi)
2400	43.21	2.95
2410	41.57	2.84
2420	43.15	2.36
2430	37.47	1.86
2440	41.63	2.21
2450	38.55	1.72
2460	43.57	2.85
2470	34.93	2.43
2480	35.63	2.81
2490	36.9	2.09
2500	33.06	1.86

Matching Circuit: No changed.

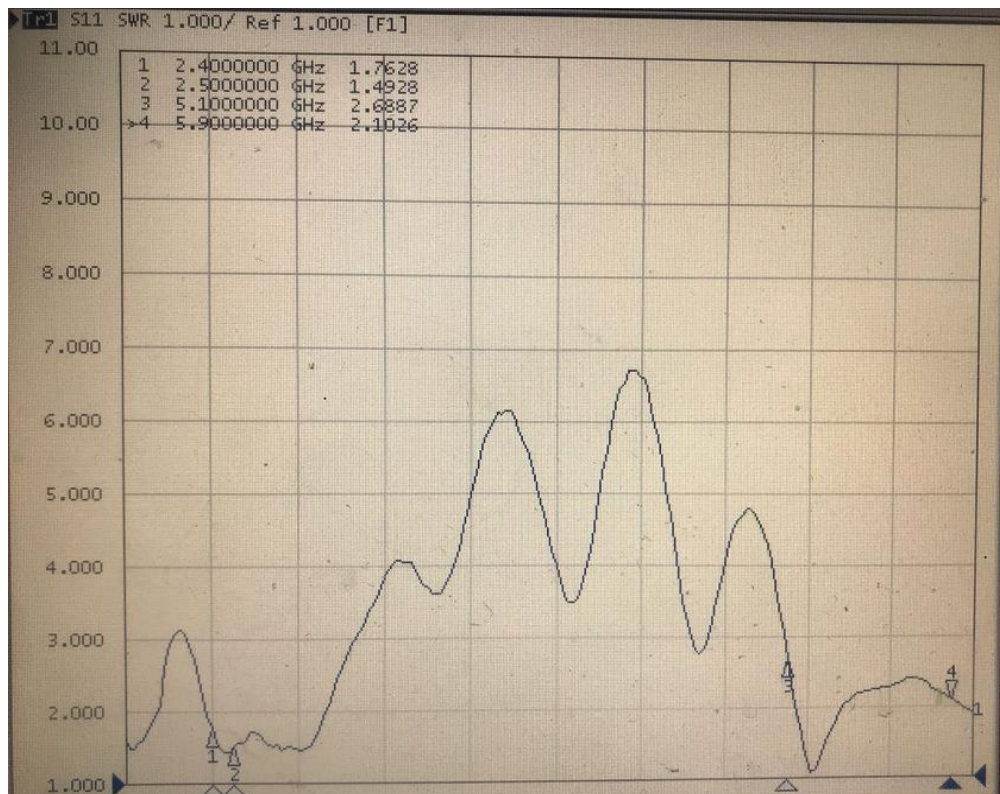


Standing Wave Diagram:

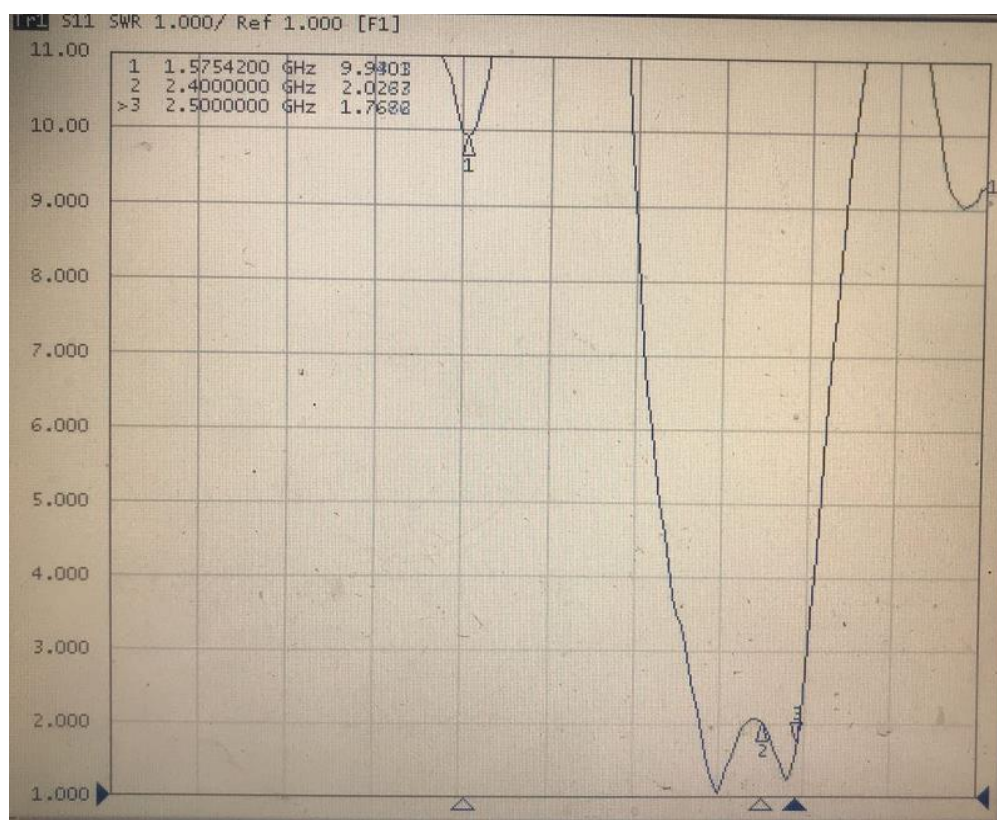
2.4-5.8G-1 WIFI1 Antenna



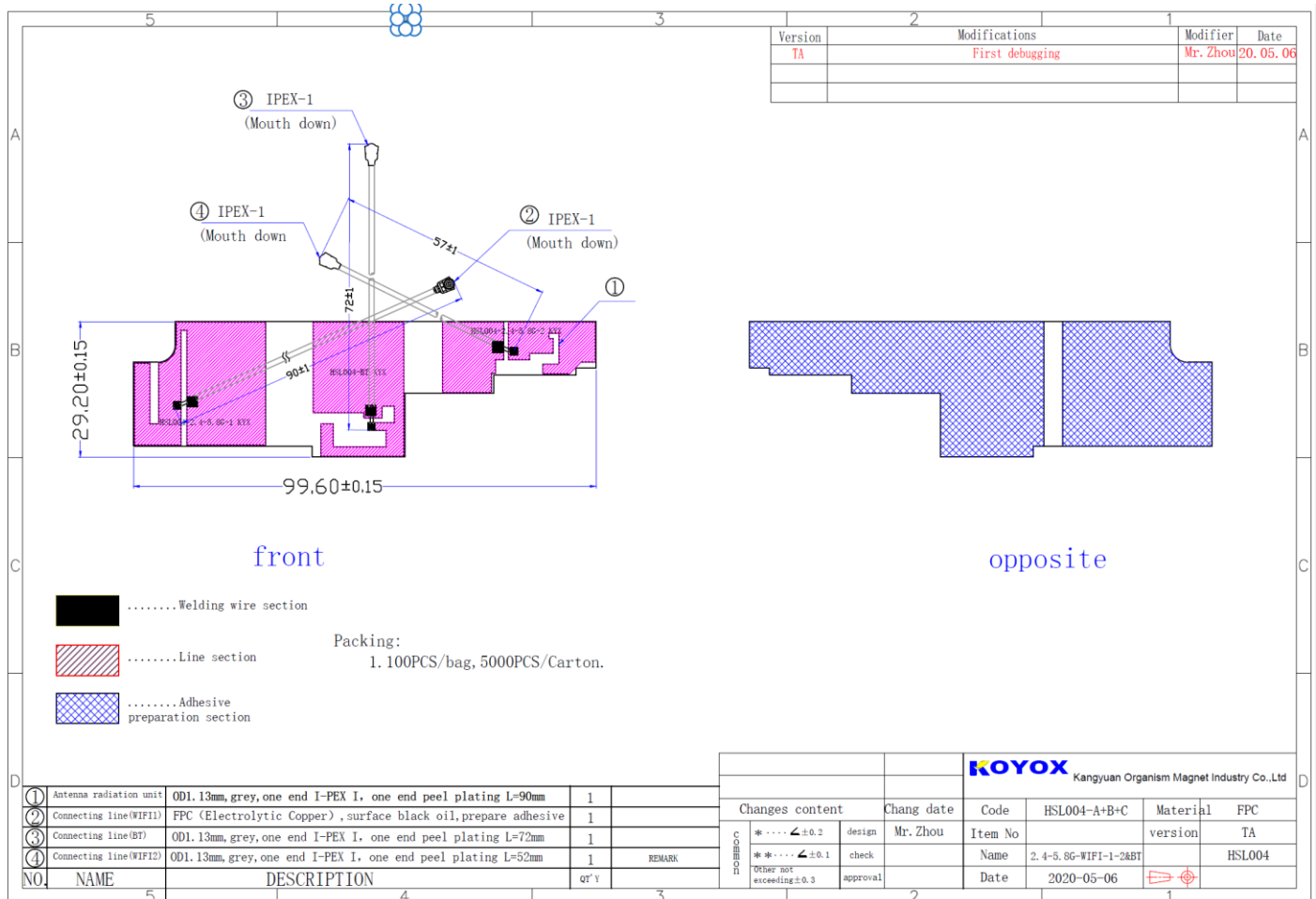
2.4-5.8G-2 WIFI2 Antenna



BT Antenna



Antenna Drawing:



Antenna Actual Picture:

