

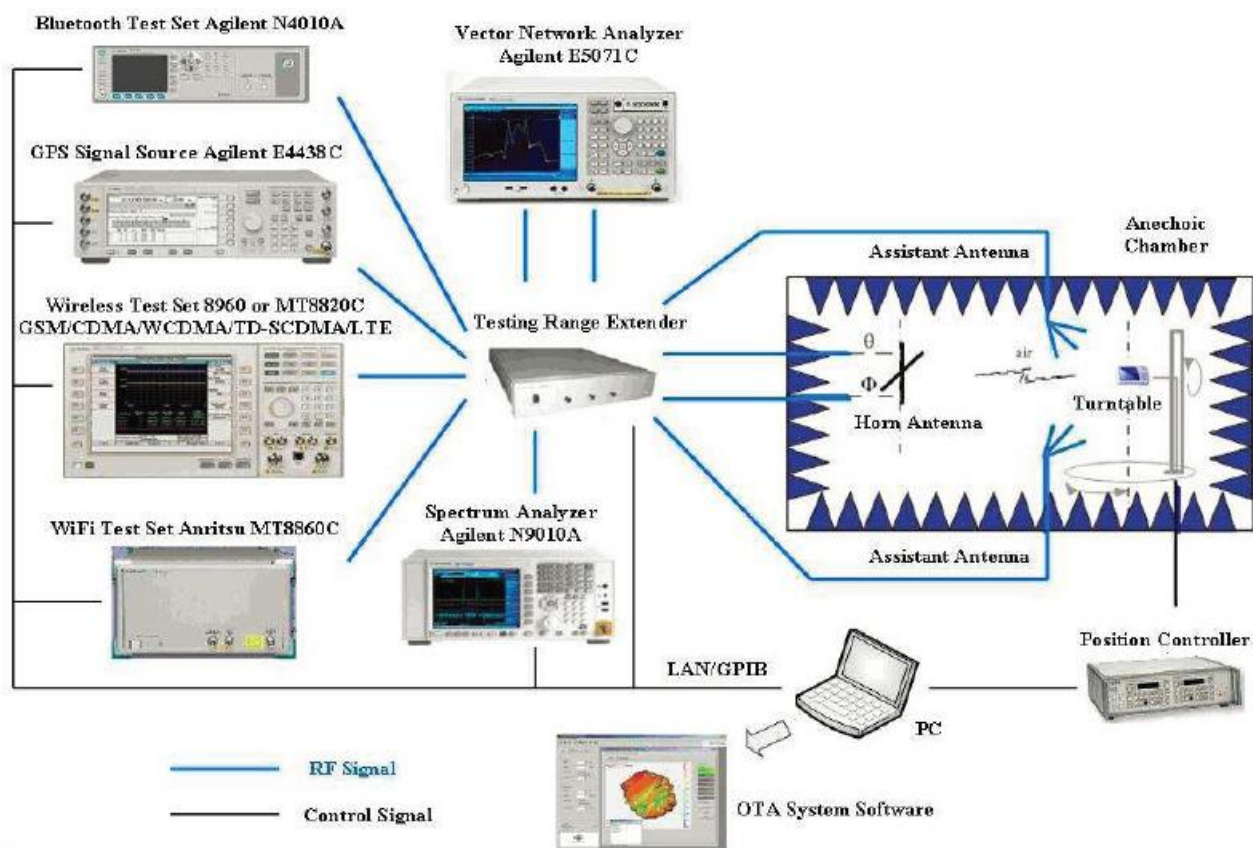
天线规格书

Antenna specification for approval

客户名称 Customer name	Pacific Time Trading(Shenzhen)Limited		
机型 Model	L185		
天线频段 Antenna frequency	2.4GHZ		
天线功能 Antenna function	BT ANT		
天线材质 Antenna material	FPC	FPC 颜色 FPC color	black
型号 model	SF906A-1B2-A		
料号 Material number	SF906A-1L22B-110-A		
客户料号 Customer Part Number			

Manufacturer: Shenzhen Suo Ward Communication Technology Co., Ltd.
Address: Floor 4, Building 13, Rundongsheng Industrial Zone, Xixiang Street, Bao 'an District, Shenzhen City, China

1: Device Support



2:Specification

(1)Antenna performance

- 1.This approval sheet supports for MID project. FPC antennas include in this project. This report is for the performance of BT antenna.
- 2.Antenna shape size: Meet the requirement of MID
- 3.Antenna band: 2400MHz~2500MHz
- 4.Antenna material: Antenna material meet the requirement of MID
- 5.Adhesive performance: Adhesive performance meet the requirement of MID
- 6.Antenna performance meet the spec below:

Description	2. 4GHZ~2. 5GHz	Units
VSWR	≤ 2.0	
Average Antenna Gain	≥ -4.5	dB
Antenna Efficiency	≥ 40	%
Feed Impedance	50 ohms	
Operating Temperature	-40 to +85 deg C	
Polarization / Azimuth	Linear / Omni-directional	

(2)Mechanical Information

Mechanical Dimension	
Cable Length	110mm/BLACK
Description	BT antenna
Material	FPC
Coaxial Cable	500hm/0. D. 0. 81mm
Environmental	
Operation Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 deg C

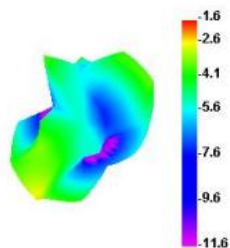
3:Antenna standing wave ratio & Efficiency of antenna (VSWR)



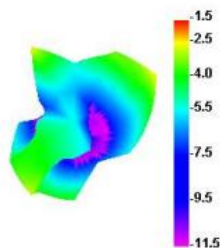
Passive Test For 2.4Gwifi								
Freq	Effi	Effi	Gain	Gain	UHS	DHIS	Max	Min
(MHz)	(%)	(dB)	(dBi)	(dBd)	(%)	(%)	(dB)	(dB)
2400	30.84	-5.11	-0.09	-2.24	12.85	17.987	-0.09	-15.25
2410	31.74	-4.98	0.23	-1.92	13.02	18.719	0.23	-14.66
2420	30.84	-5.11	0.34	-1.81	12.415	18.423	0.34	-15.53
2430	31.39	-5.03	0.61	-1.54	12.516	18.873	0.61	-16.88
2440	33.2	-4.79	0.99	-1.16	13.142	20.063	0.99	-17.38
2450	33.86	-4.7	1.19	-0.96	13.314	20.542	1.19	-16.85
2460	33.18	-4.79	1.17	-0.98	13.002	20.179	1.17	-16.03
2470	33.6	-4.74	1.27	-0.88	13.166	20.432	1.27	-15
2480	35.52	-4.5	1.6	-0.55	13.982	21.536	1.6	-14.24
2490	36.12	-4.42	1.84	-0.31	14.176	21.942	1.84	-13.96
2500	35.17	-4.54	2.02	-0.13	13.72	21.455	2.02	-13.92

4:3D pattern

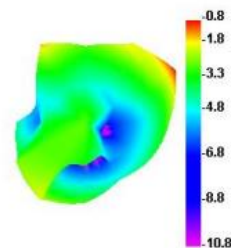
2400.000MHz



2450.000MHz

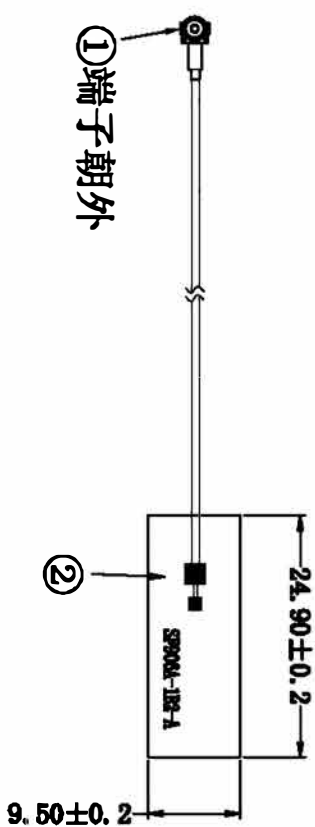


2500.000MHz



5:Drawing of structure

天线焊接端



5. 外形尺寸未注公差按 GB/T 10028 1995 6级, 公差值由上下偏差

 爱沃德通讯技术有限公司		SF906A-1L22B-110-A	
			
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