



深圳星源创科技有限公司

Shen Zhen Xing Yuan Chuang Technology Co., Ltd

规格承认书 Approval Sheet

客户名称 Customer	昌卓	日期 Data	2021/11/04
产品名称 Product	2.4G 天线	客户机型 Models	P09-II
料号 P/N	F120-21RB-140	客户料号 Customer P/N	
规格描述 Specifications	黑色FPC;MI-113一代端子黑色同轴线;L=140mm		

供应商承认签印 Vender Approved By	客户承认签印 Customer Approved By
	
Checked By:	Checked By:
Approval By:	Approval By:

文件修订履历表

版本 Version	修订内容 Revise The Content	修订人 Revused	核准 Approval	修订日期 Date	备注 Note

地址：深圳市宝安区福永镇福海街道荔园路旁盛和兴工业园C栋334-335

Room 334-335, Building C, Shenghexing in Dustrial Park, Liyuan Road, Fuhai Street, Fuyong Town, Baoan District, Shenzhen
Tel: 0755-82103639 QQ: 487580356 Email: Stephdeng_Vis@126.com



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Specification

1.1 Electrical Properties

Characteristics	Specifications
Working Band	2.4G
Antenna From	PIFA
Impedance	50 Ω
Polarization	Linear
Peak Effi	41%@2.4G;
Peak Gain	1.57dBi@2.4G

1.2 Physical Properties

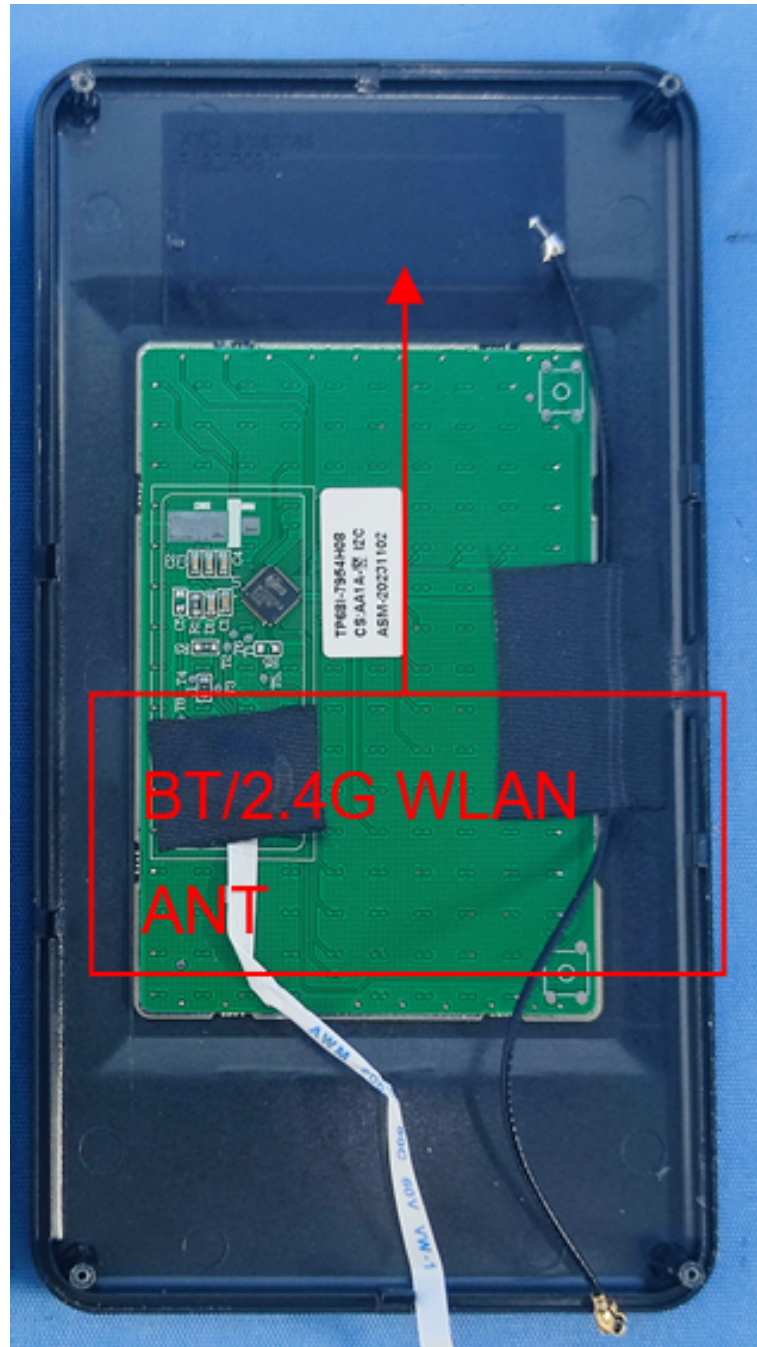
Characteristics	Specifications
Operating Temp	-10°C ~+60°C
Storage Temp	-10°C ~+70°C
Humidity	10~95%RH



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Antenna Placement



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Test Data

Efficiency Table

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	40.30	-3.95	1.57
2410	37.14	-4.30	1.01
2420	36.46	-4.38	0.69
2430	35.91	-4.45	0.47
2440	38.58	-4.14	0.29
2450	41.55	-3.81	0.74
2460	40.80	-3.89	1.07
2470	37.65	-4.24	0.73
2480	36.64	-4.36	0.77
2490	37.53	-4.26	0.95
2500	35.54	-4.49	0.51

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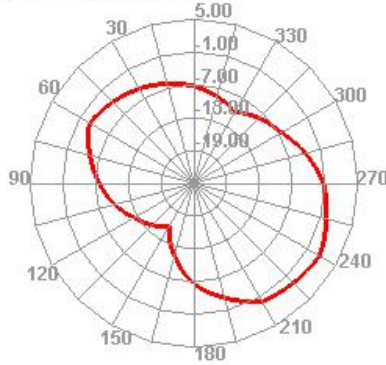
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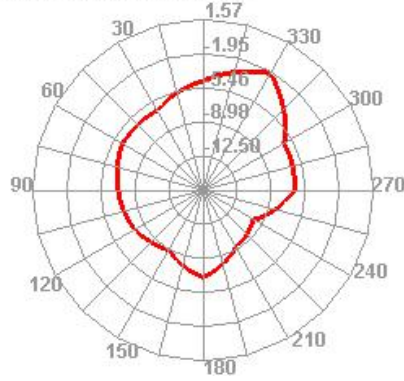
Test Data

Radiation Pattern(2.4g)

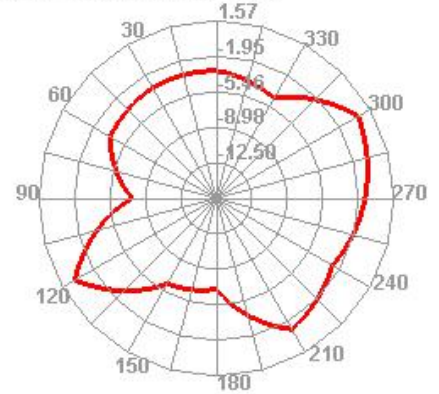
2400.000MHz H



2400.000MHz E1



2400.000MHz E2





Antenna Assembly

