



深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com

测试报告

客户名称 Customer Name:	宇通联发科技
项目名称 Project Name:	SMC9010 规格
描述 Product Spec:	铜管+一代端子
版本 REV:	V1.0
日期 Date:	2024/4/22

制作 drawing	审核 check	批准 approved
温勇鹏	高红	蒋振华





深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com

目录

Index

一、项目图 Project Chart	-----page3
二、天线匹配 Antenna Matching	-----page3
三、电性能指标 Electrical Performance Index	----page4/7
四、测试设备及原理 Testing Equipment&Principle	--page8/9
五、环境处理 Environmental treatment	-----Page10



深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

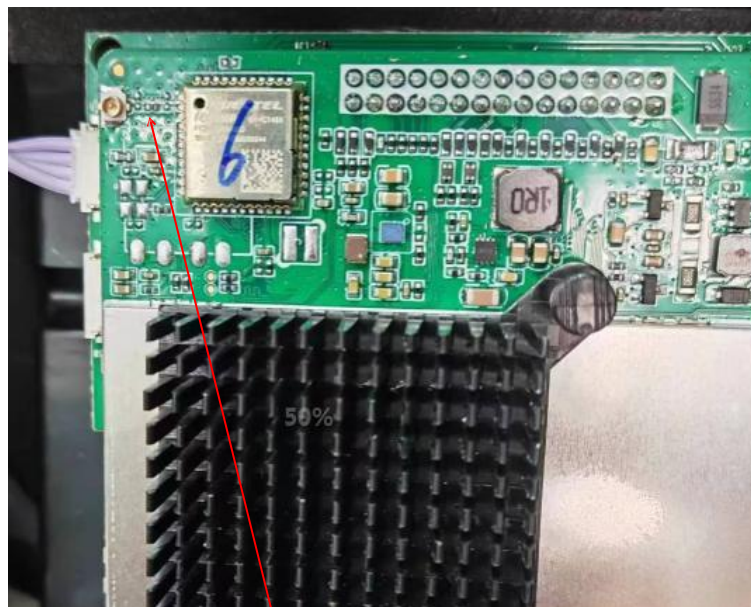
网址: www.zkant.com

1. Project Chart



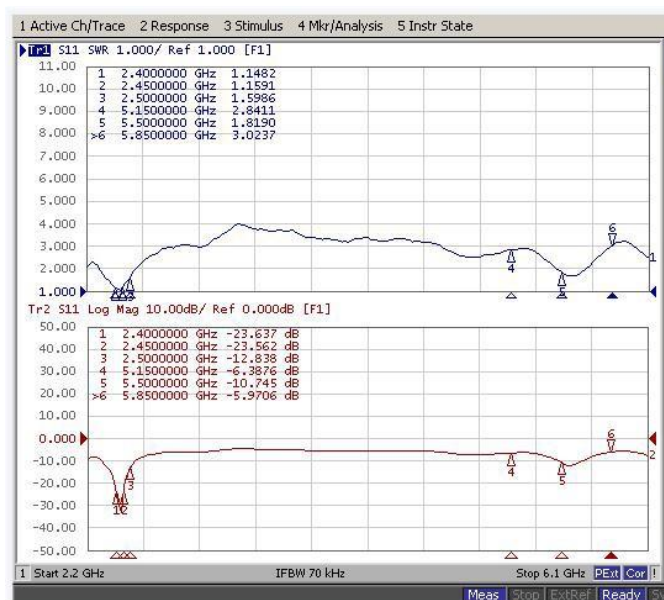
SMC9010

2. Antenna Matching



Antenna matching remains unchanged

3. Electrical Performance Index



VSWR

One. Efficiency Benefit Diagram:

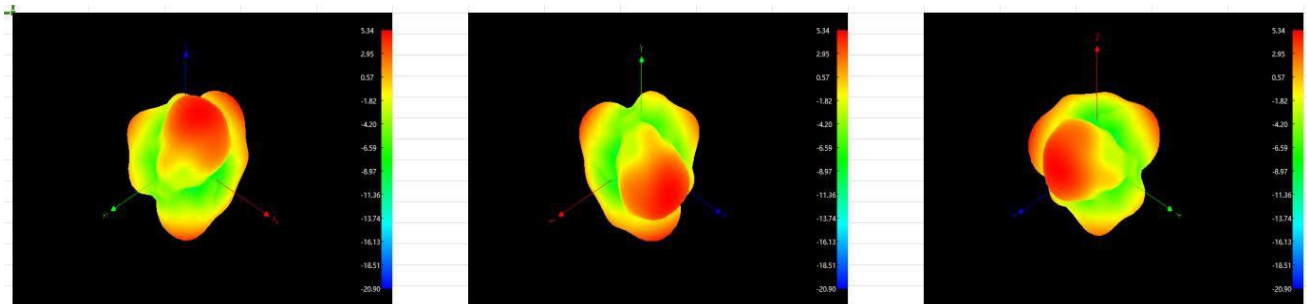
Frequency	Efficiency	Efficiency
2400	-1.31	73.96
2410	-1.44	71.78
2420	-1.29	74.3
2430	-1.44	71.78
2440	-1.33	73.62
2450	-1.4	72.44
2460	-1.36	73.11
2470	-1.29	74.3
2480	-1.54	70.15
2490	-1.34	73.45
2500	-1.76	66.68
5150	-3.32	46.56
5200	-3.12	48.75
5250	-3.45	45.19
5300	-3.65	43.15
5350	-3.66	43.05
5400	-3.71	42.56
5450	-3.79	41.78
5500	-3.72	42.46
5550	-3.21	47.75
5600	-3.02	49.89
5650	-3.18	48.08
5700	-3.35	46.24
5750	-3.53	44.36
5800	-3.64	43.25
5850	-3.64	43.25

efficiency

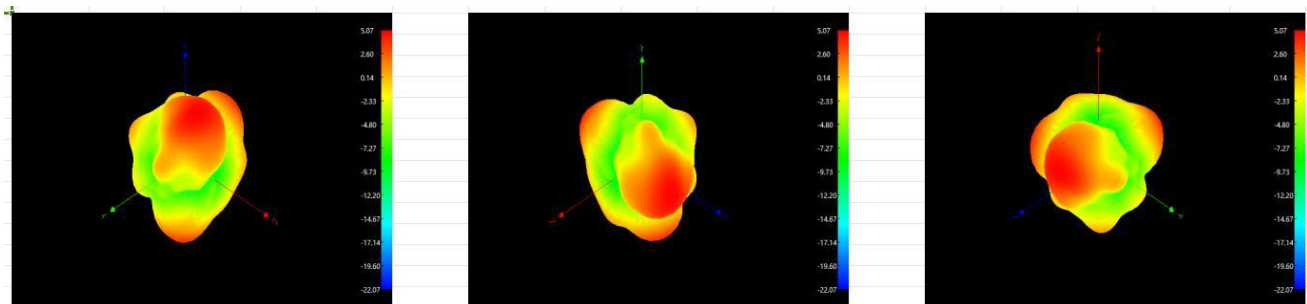
Frequency	MaxGain/d	AvgGain/d
2400	5.34	-1.31
2410	5.32	-1.44
2420	5.5	-1.29
2430	5.37	-1.44
2440	5.09	-1.33
2450	5.07	-1.4
2460	5.35	-1.36
2470	5.45	-1.29
2480	5.29	-1.54
2490	5.34	-1.34
2500	5.07	-1.76
5150	3.17	-3.32
5200	2.91	-3.12
5250	2.59	-3.45
5300	2.37	-3.65
5350	2.52	-3.66
5400	2.86	-3.71
5450	2.1	-3.79
5500	1.94	-3.72
5550	2.78	-3.21
5600	3.18	-3.02
5650	2.78	-3.18
5700	3.39	-3.35
5750	3.23	-3.53
5800	2.74	-3.64
5850	2.62	-3.64

gain

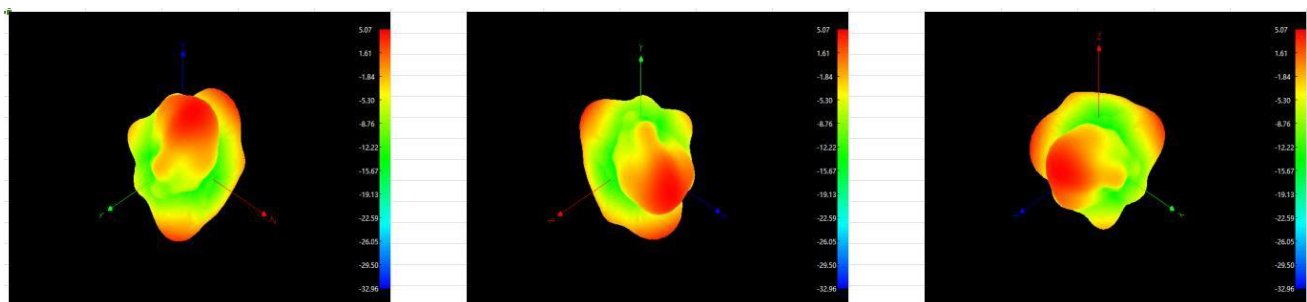
Two. Apple Chart Pattern:



2400MHZ



2450MHZ



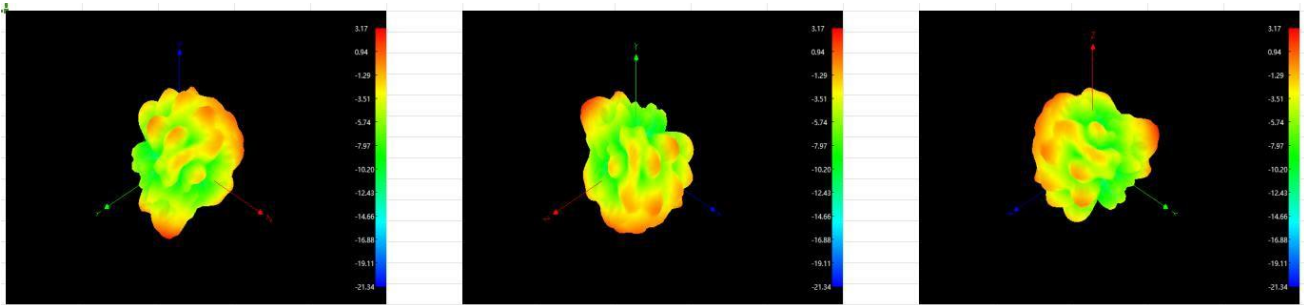
2500MHZ



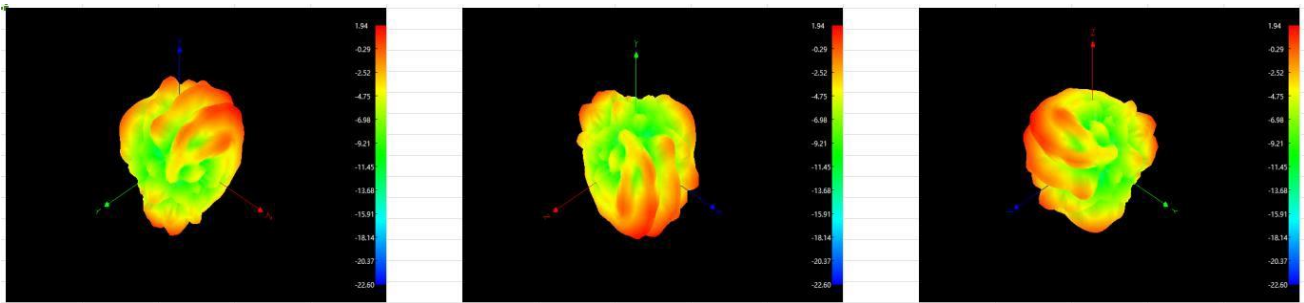
深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

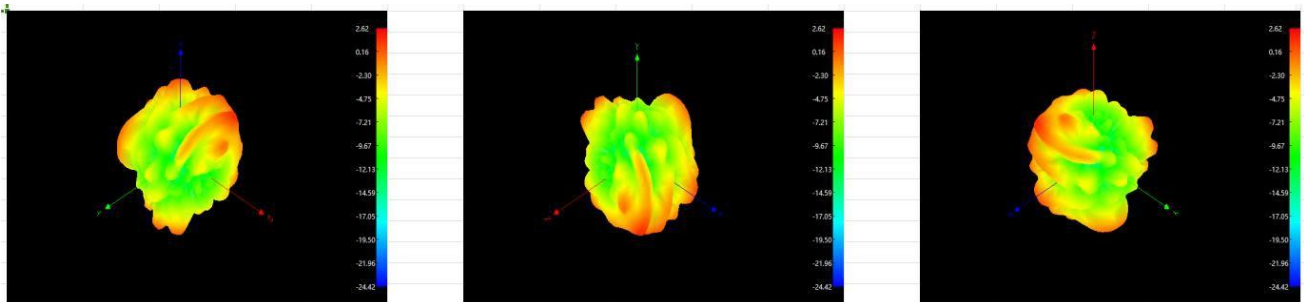
网址: www.zkant.com



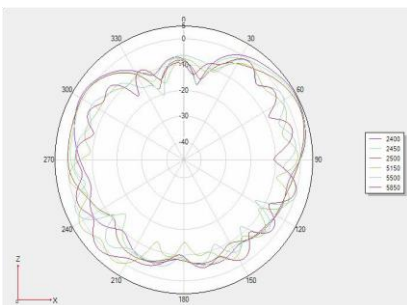
5150MHZ



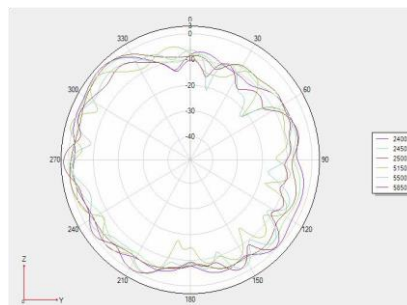
5500MHZ



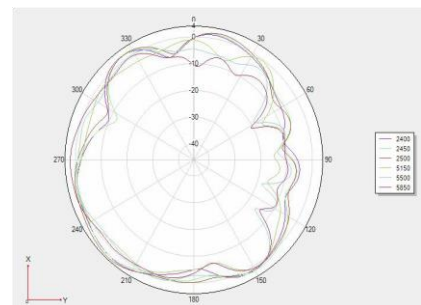
5850MHZ



Z-X



Z-Y



X-Y



深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com

-70.0

Active Test_WIFI_B					
Channel	Frequency	MAX	Drawing)	Check check	Approved
Wen Venom	High red		17.7		-77.0
6	2437		17.7		-76.2
11	2462		17.3		-78.7
Active Test_WIFI_A					
Channel	Frequency	MAX	TRP (54bPS)	MIN	TIS (54MbPS)
36	5180		15.7		-70.1
64	5320		15.5		-73.5
165	5825		16.9		-70.0



深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com

