



深圳市凯普深通讯科技有限公司

Shenzhen cape deep communication technology co., LTD

天线测试报告

ANT Test Report

客 户：奥尼

Model：C012

制 造 商 Manufacturer：SHENZHEN AONI ELECTRONIC CO., LTD

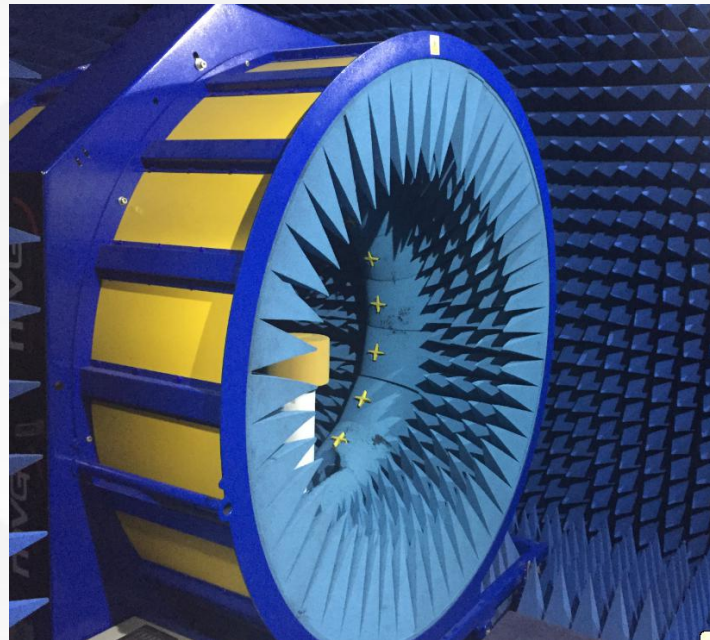
日 期：2022.03.09

版 本：1



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实验室测试环境及设备



测试项目/Test Items	测试设备/Test equipment
S11、S12、VSWR、LOSS	网络分析仪 Network analyzer E5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16暗室、GP7*4*3暗室、E5071B
TRP、TIS	Satimo SG16暗室、GP7*4*3暗室、8960、CMW500、MT8820C、E4438C、



项目调试简介

整机类型 Machine type				
		频段信息 Frequency range information		
天线种类及频段信息 Frequency	天线 Antenna	2400-2480M		
天线材质 Material	PCB			



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天线无源驻波图

VSWR



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天线无源测试数据

Antenna passive test data

Passive Test For WIFI2.4

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (dBi)	AttH (dB)	AttV (dB)
2400	43.86	-3.58	1.58	-0.57	22.108	21.749	1.58	-16.83	5.16	60	50.43	50.78
2410	40.04	-3.98	0.88	-1.27	19.985	20.054	0.88	-16.39	4.85	60	50.31	50.53
2420	40.05	-3.97	0.57	-1.58	19.923	20.122	0.57	-15.27	4.55	60	50.35	50.69
2430	38.77	-4.11	0.42	-1.73	19.169	19.602	0.42	-14.24	4.53	150	50.65	50.93
2440	41.5	-3.82	0.64	-1.51	20.154	21.348	0.64	-12.79	4.46	150	51.09	51.34
2450	39	-4.09	0.45	-1.7	18.399	20.604	0.45	-12.38	4.54	150	51.24	51.36
2460	36.28	-4.4	0.43	-1.72	16.622	19.657	0.43	-12.71	4.83	150	50.94	51.2
2470	29.77	-5.26	-0.14	-2.29	13.376	16.39	-0.14	-13.36	5.13	150	50.81	50.9
2480	29.02	-5.37	0.11	-2.04	12.948	16.069	0.11	-13.13	5.49	150	50.66	50.87
2490	29.3	-5.33	0.45	-1.7	13.073	16.225	0.45	-13.13	5.79	150	50.94	51.13
2500	29.88	-5.25	0.76	-1.39	13.38	16.498	0.76	-13.07	6	150	51.25	51.41

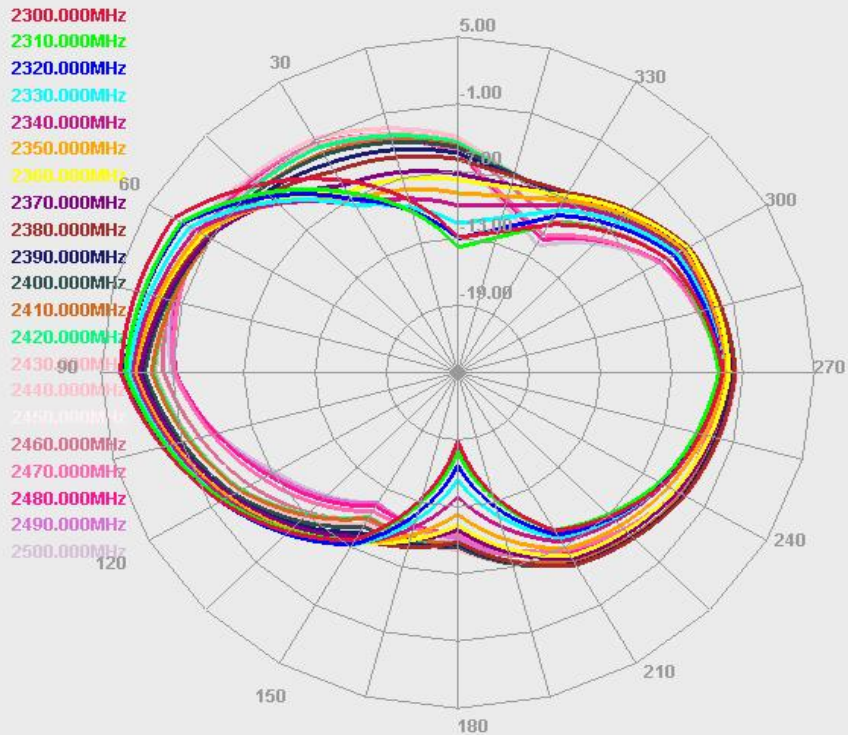


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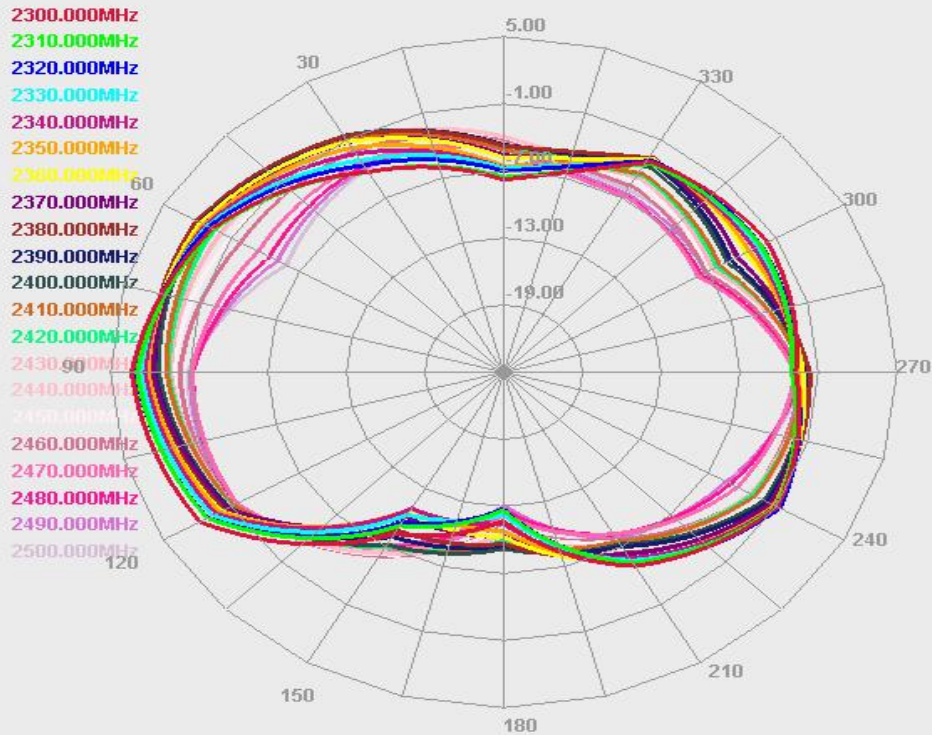
天线无源测试方向图

Antenna passive test direction diagram

Horizontal



E2 Face



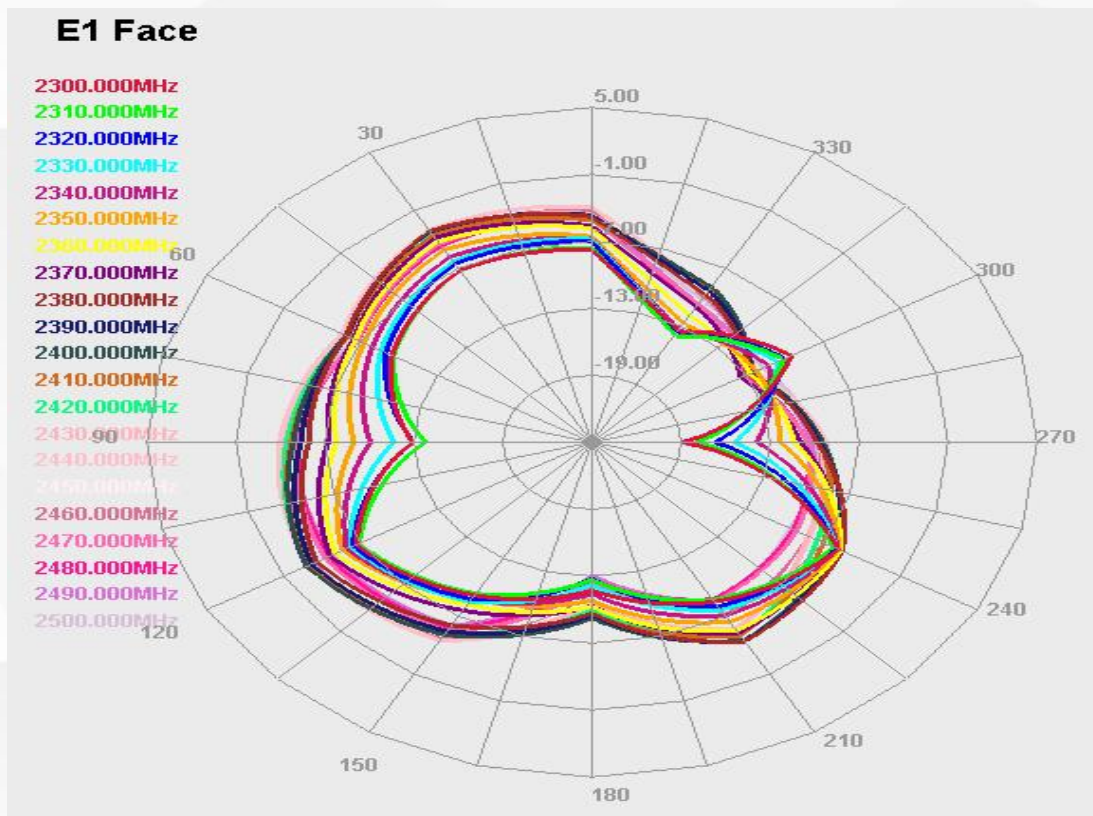
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天线无源测试方向图

Antenna passive test direction diagram



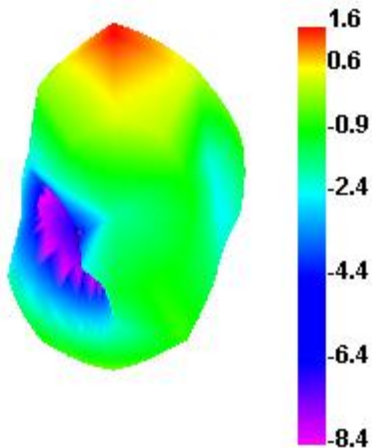


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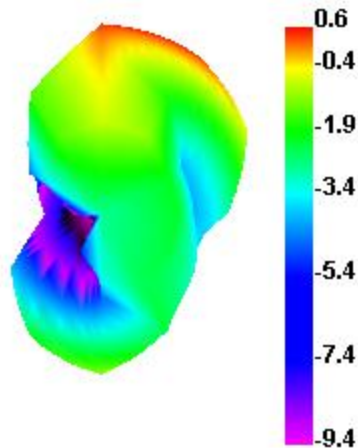
天线无源测试苹果图

Antenna passive test apple diagram

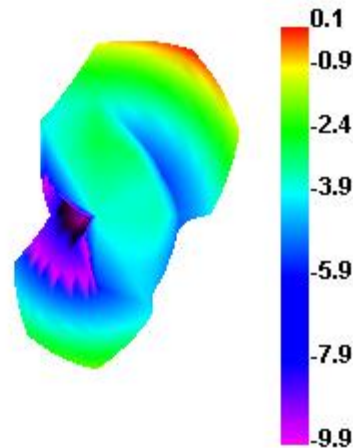
2400.000MHz



2440.000MHz



2480.000MHz





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L: 9mm*8mm