



ONE PLUS ONE
Wireless Communication

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APPROVAL SHEET

Customer Name	掌阅
Project Name	RM06L
Customer P/N	
Specification	WIFI-2.4/5.8GHZ Antennas
Production Date	20260128

Approval				
OnePlusOne:				
	RF Check	ME Check	QC Check	Confirm By
Signature				
Date				
Customer:				
	EE Check	PM Check	QC Check	Confirm By
Signature				
Date				

Please return to us one copy of “APPROVAL SHEET” with your approved signatures

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1 Antenna description

ANT	RM06L
FRE (MHZ)	2400-2500/5000-5800
TPYE	IFA
Antenna material	FPC+Cable

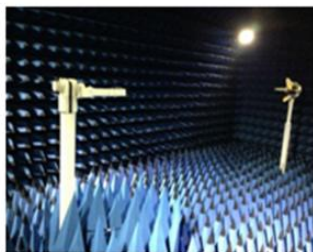
1.1 Part number

ANT	RM06L
SIZE (MM)	34.62*11.54
Printing	RM06L-WIFI-V1.0
Cable (MM)	4代 IPEX L=108

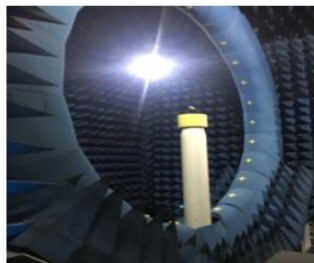
1.2 Antenna pictures



2 Testing equipment



ETS 暗室



SATIMO 暗室



人头手模



8820C 综测仪



E5071B 网络分析仪

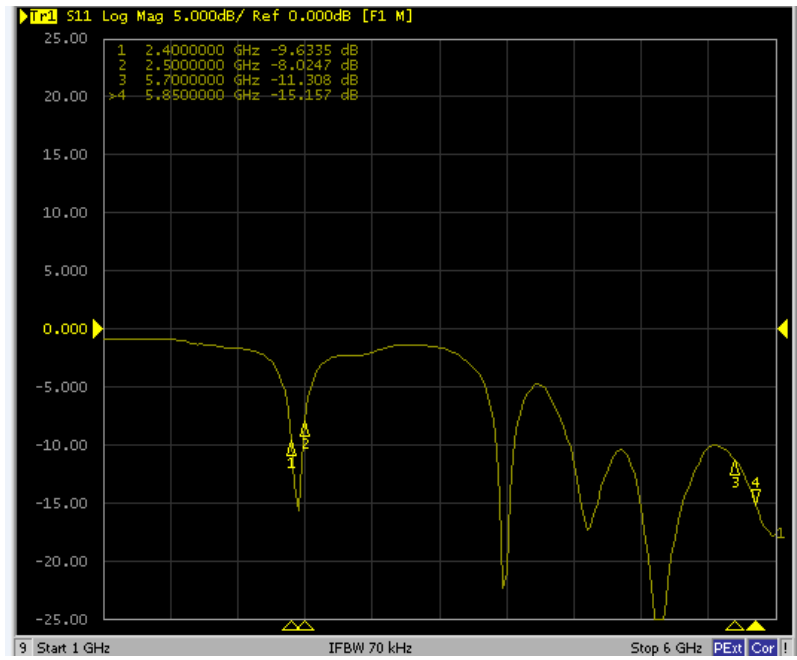


CMW 500 综测仪

测试系统	测试环境	有源测试	无源测试
SATIMO ETS	温度:22°C±2°C 湿度:50%±15%	2G/3G/4G/WIFI/BT	600MHZ-6GHZ

3 Test data

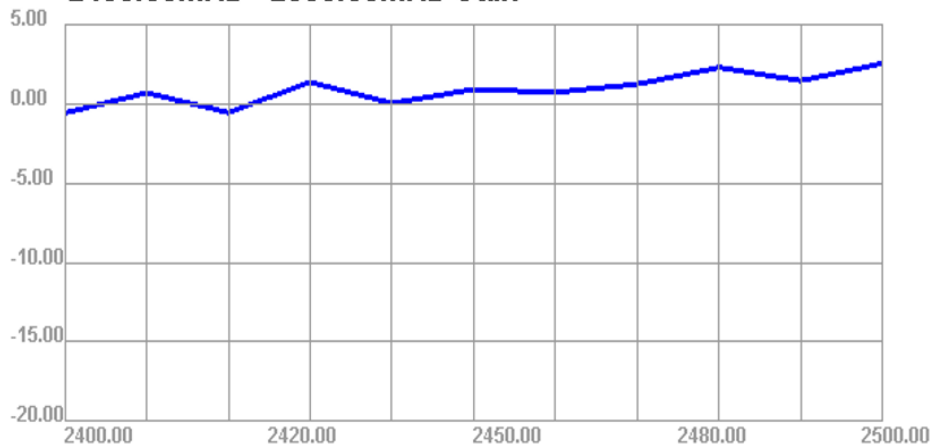
3.1 Passive



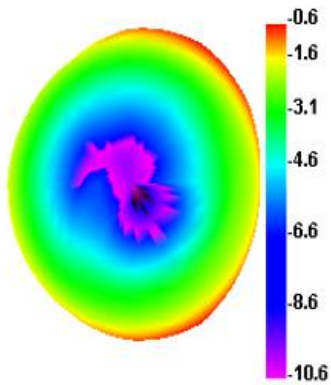
VSWR

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	32.56	-4.87	-0.58	5000	30.47	-5.16	-1.52
2410	34.87	-4.58	0.68	5100	38.76	-4.12	-0.23
2420	35.5	-4.50	-0.55	5200	37.21	-4.29	0.68
2430	33.74	-4.72	1.36	5300	40.02	-3.98	2.11
2440	36.74	-4.35	0.03	5400	38.36	-4.16	2.43
2450	37.15	-4.30	0.91	5500	34.99	-4.56	1.51
2460	35.52	-4.50	0.72	5600	37.21	-4.29	2.59
2470	32.89	-4.83	1.23	5700	35.84	-4.46	3.28
2480	36.87	-4.33	2.28	5800	34.15	-4.67	2.7
2490	38.14	-4.19	1.45	5900	35.02	-4.56	3.16
2500	39.02	-4.09	2.54	6000	25.11	-6	-1.99

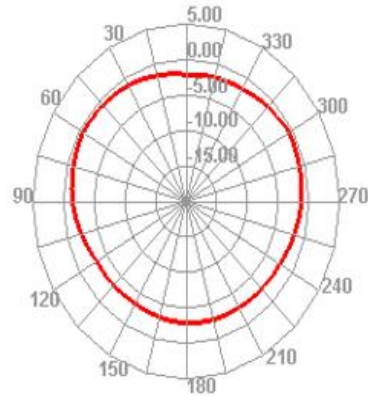
2400.00MHz - 2500.00MHz Gain



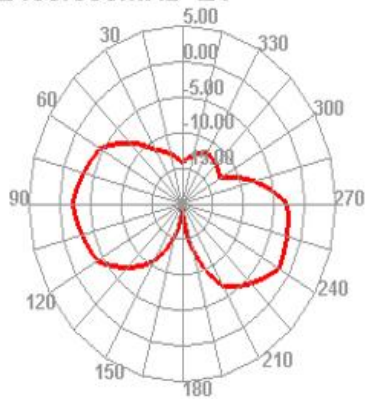
2400.000MHz



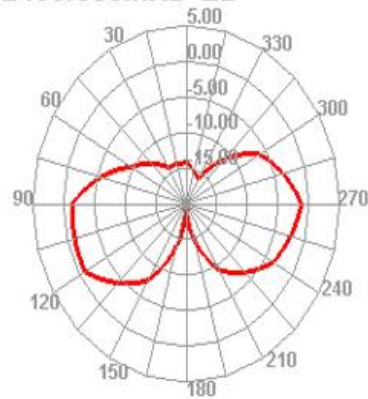
2400.000MHz H



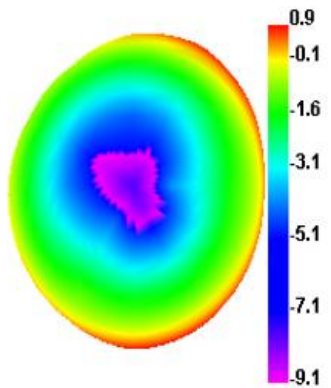
2400.000MHz E1



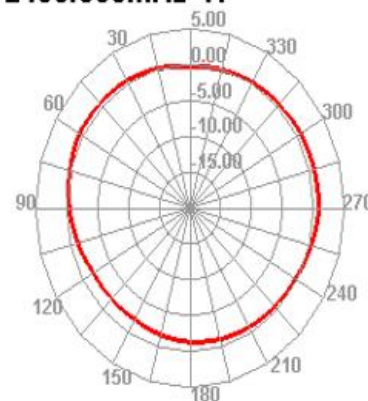
2400.000MHz E2



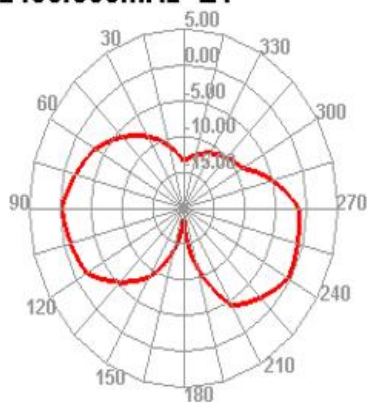
2450.000MHz



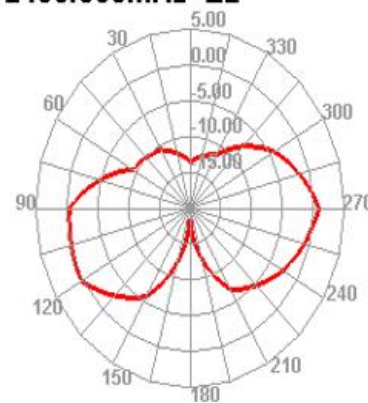
2450.000MHz H



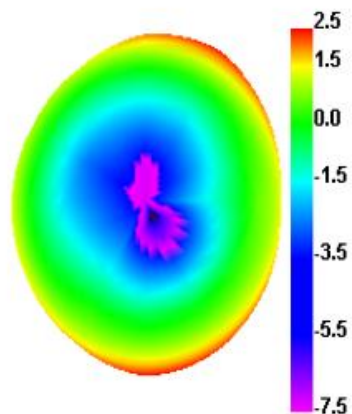
2450.000MHz E1



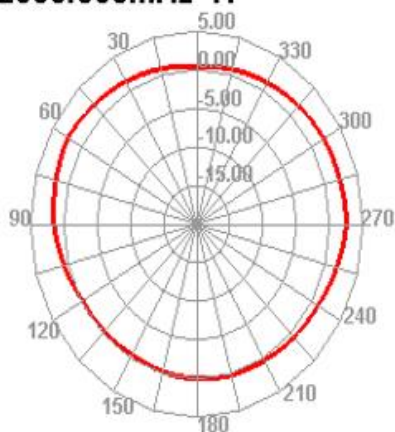
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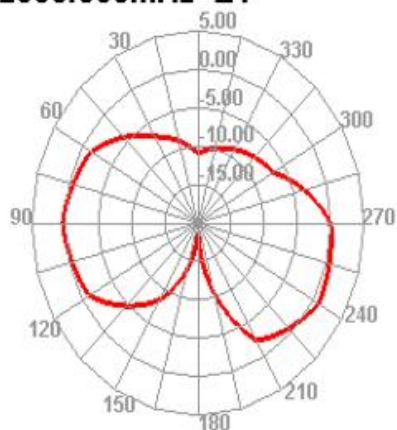
2500.000MHz



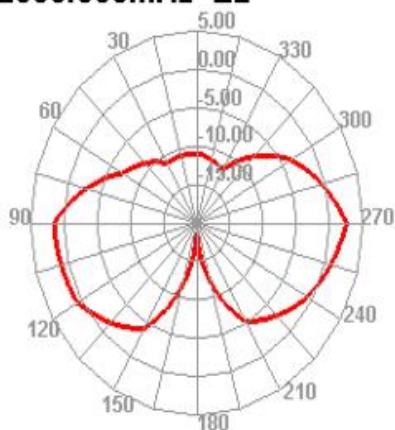
2500.000MHz H



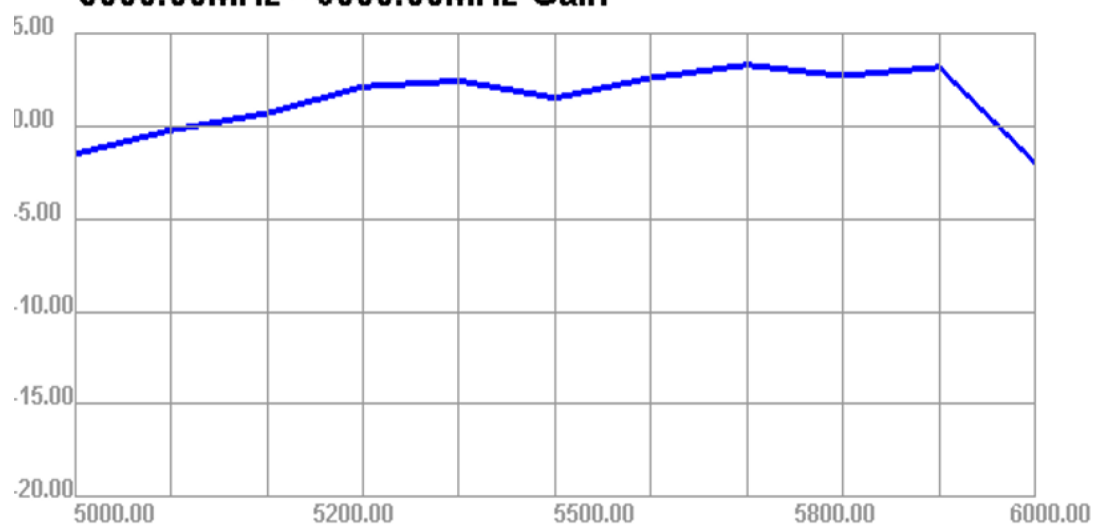
2500.000MHz E1



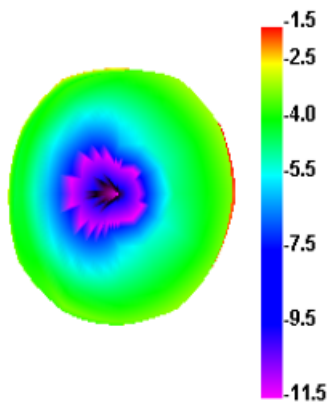
2500.000MHz E2



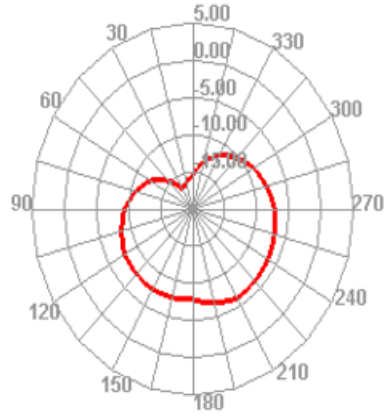
5000.00MHz - 6000.00MHz Gain



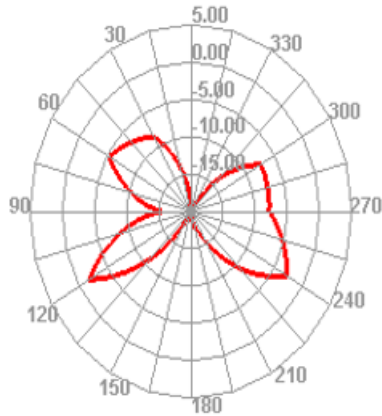
5000.000MHz



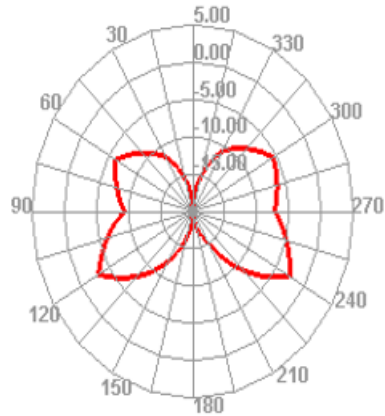
5000.000MHz H



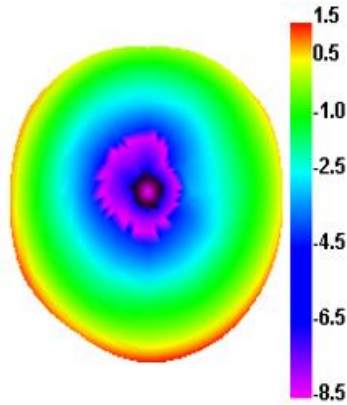
5000.000MHz E1



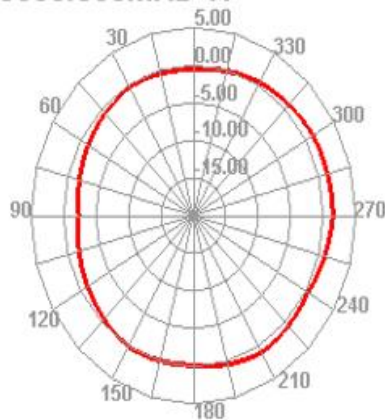
5000.000MHz E2



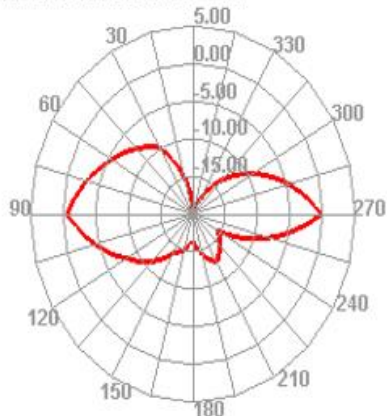
5500.000MHz



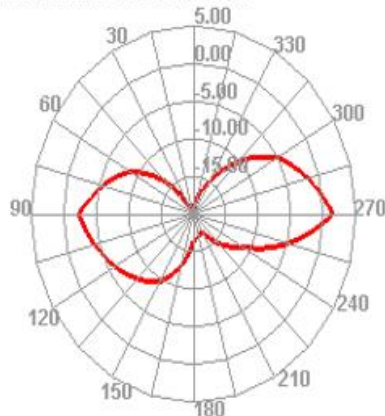
5500.000MHz H



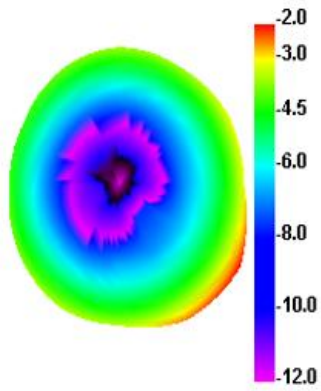
5500.000MHz E1



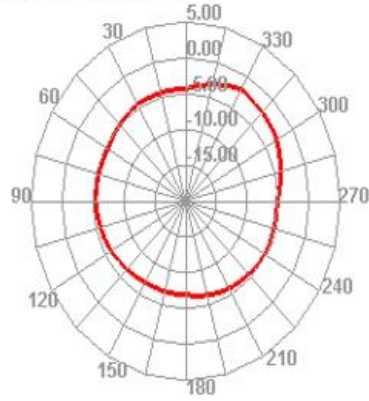
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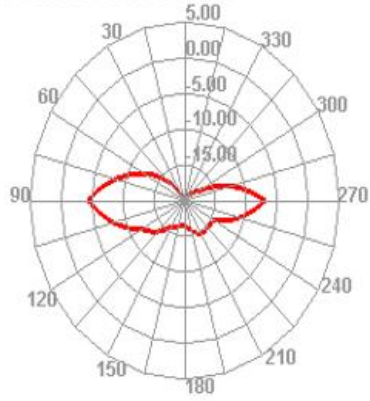
6000.000MHz



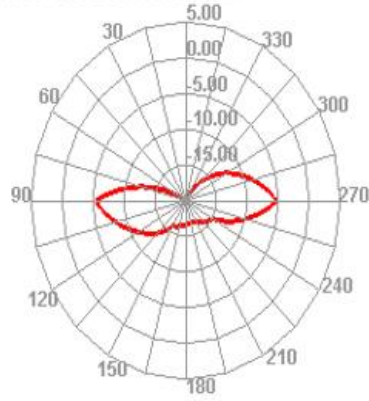
6000.000MHz H



6000.000MHz E1



6000.000MHz E2



4 Matching Circuit Description

No changes made

5 Environmental Treatment



6 Drawing

6.1 Dimensional drawin

