



Shenzhen Shundacheng Technology Co., Ltd.

顺达成科技

Antenna Test Report



Item: PCB Antenna

Version: A

Date: 2024-5-31



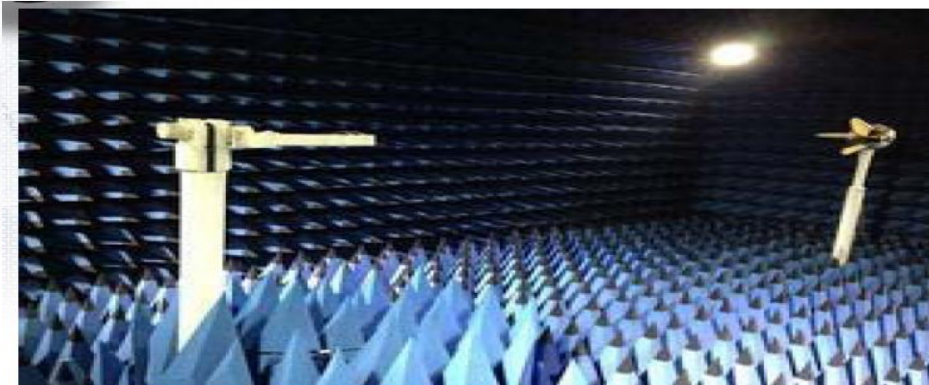
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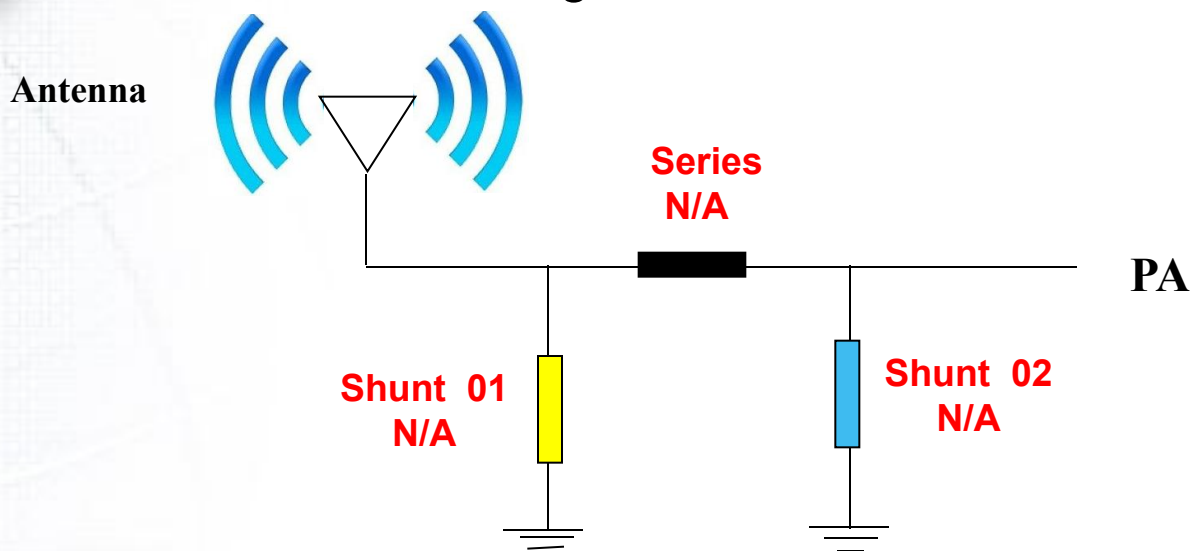
1. Test system

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW2 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C





2. Antenna Matching Network



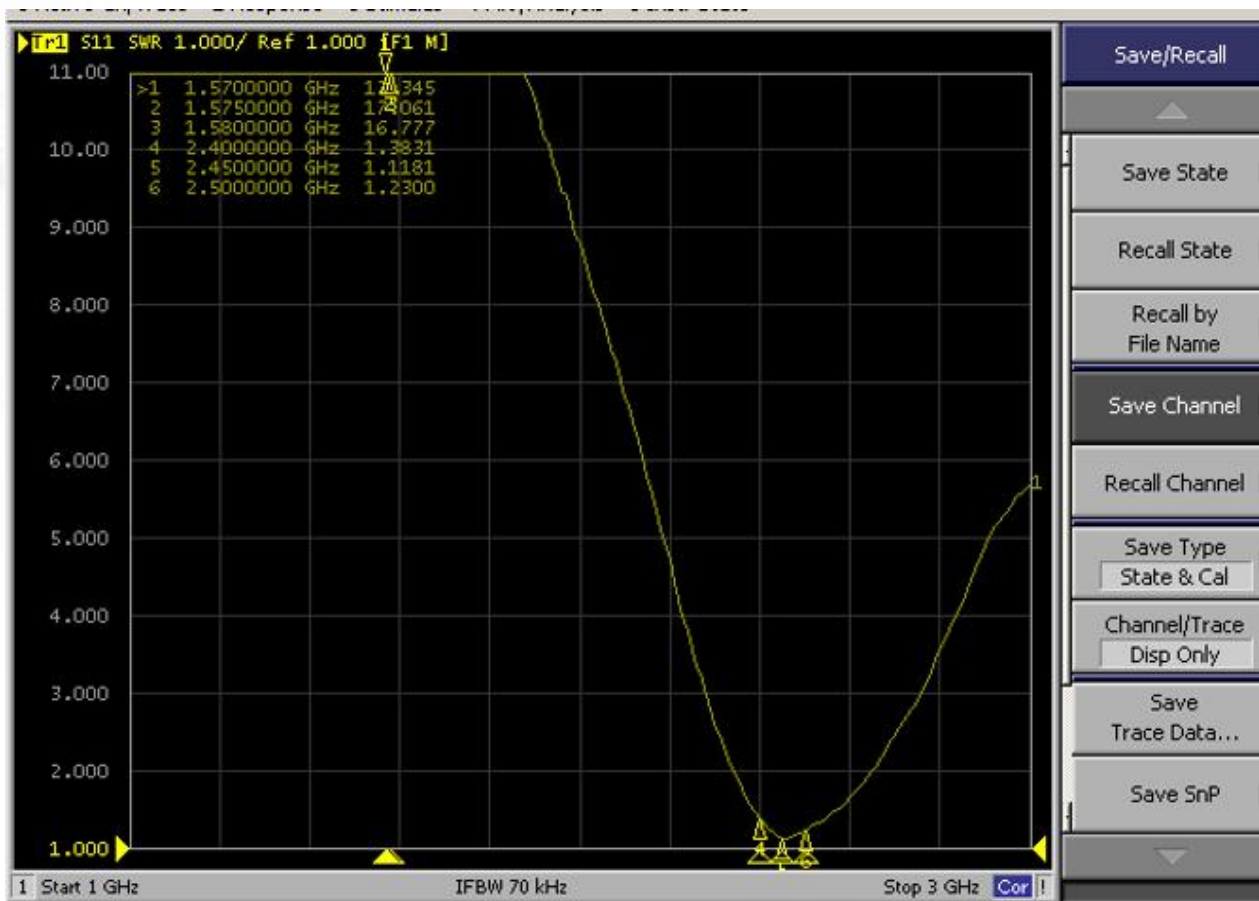
Location	Description	Vendor
Shunt 01	N/A	N/A
Series	N/A	N/A
Shunt 02	N/A	N/A

未改动主板
匹配电路



S11 Parameter-VSWR

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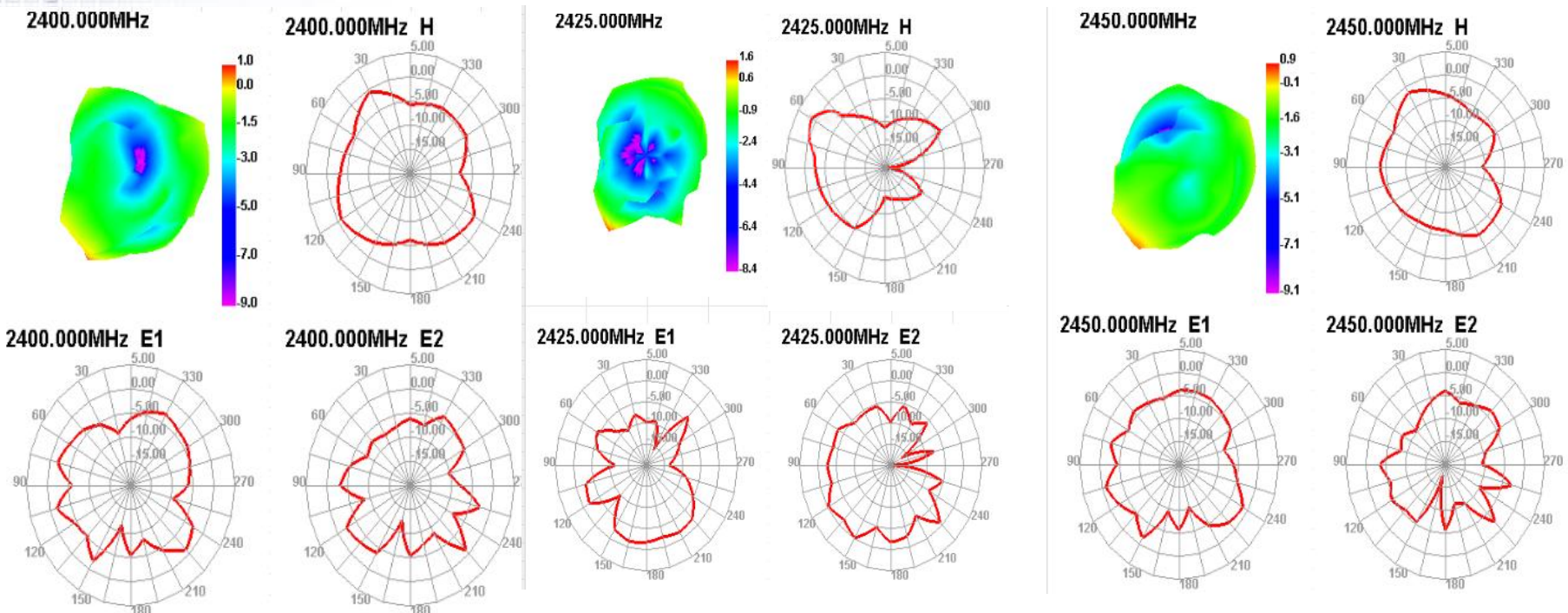




Gain & Efficiency

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Passive Test For 2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	43.54	-3.61	1.03	-0.08	0	0	2.07	-23.62	3.72	75	48.23	48.39
2425	45.48	-3	1.57	-0.54	0	0	1.61	-19.29	3.83	75	48.32	48.45
2450	36.53	-4.37	0.87	0.07	0	0	2.22	-14.54	3.1	75	48.74	48.76
2475	35.97	-4.44	0.52	-0.27	0	0	1.88	-16.64	3.29	45	49.07	49
2500	36.94	-4.32	0.32	0.03	0	0	2.18	-17.22	3.44	45	49.2	49.11





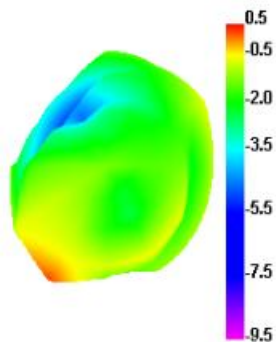
Gain & Efficiency

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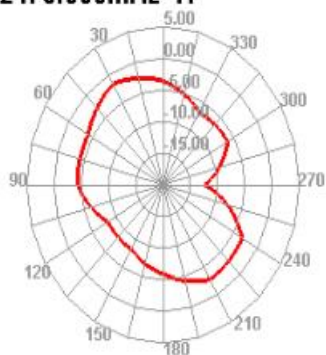
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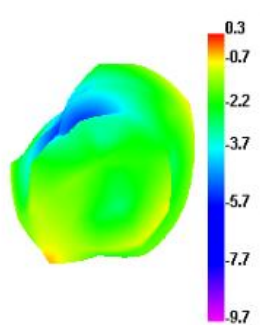
2475.000MHz



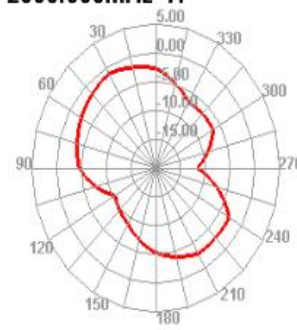
2475.000MHz H



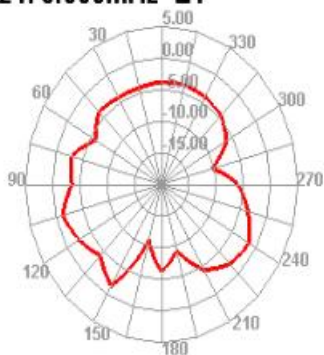
2500.000MHz



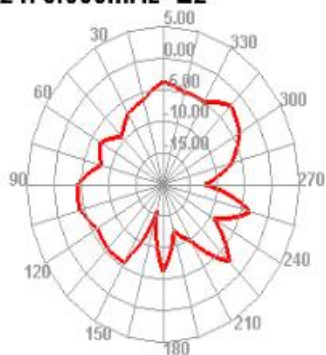
2500.000MHz H



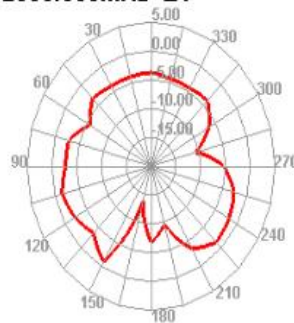
2475.000MHz E1



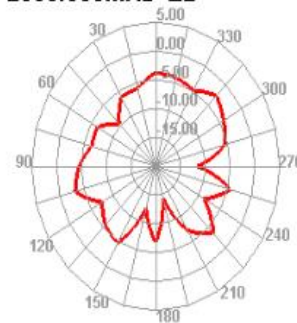
2475.000MHz E2



2500.000MHz E1



2500.000MHz E2

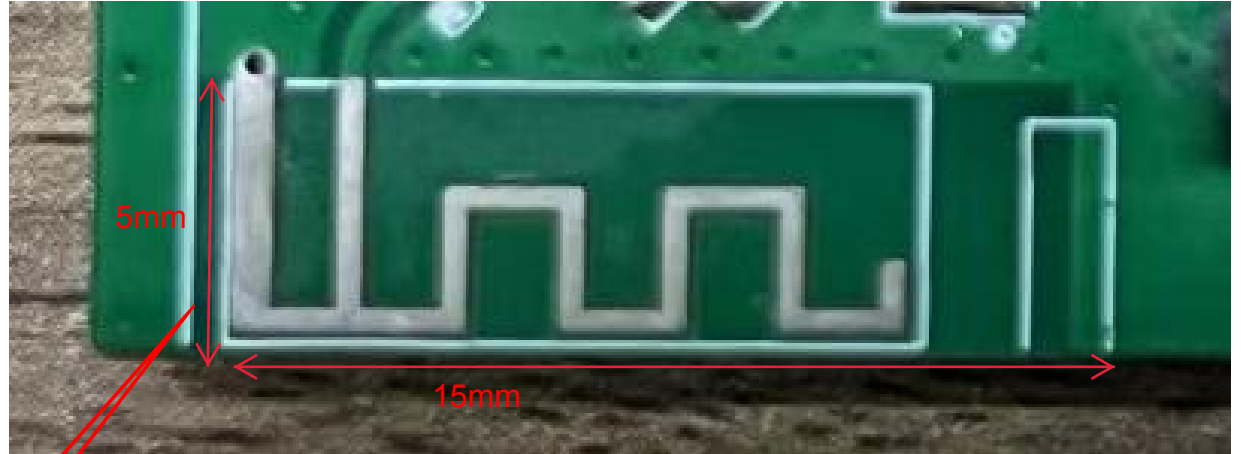




Antenna Assembly & environmental processing

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Antenna Size



PCB Antenna



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深圳顺达成科技有限公司

顺达成感谢您的支持

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