



顺达成科技

深圳顺达成科技有限公司

Antenna Test Report



客户名称: DTNT

项目名称: V88

频段: WIFI

版本: A



Content

- 1. Antenna Matching Network**
- 2. *S11 Parameter-VSWR***
- 3. 1 Gain & Efficiency**
- 3. 2 3D Pattern**
- 4. OTA Data**
- 5. Antenna Assembly & environmental processing**
- 6. conclusion**



深圳顺达成科技有限公司

顺达成科技

1. Test system

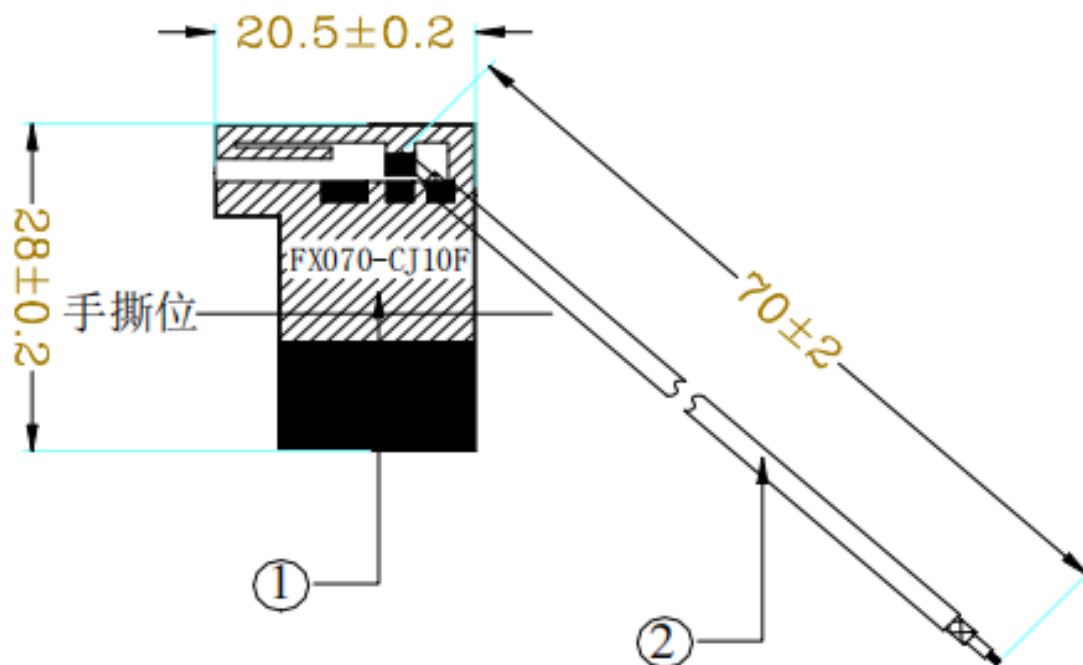
Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW2 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C





深圳顺达成科技有限公司

顺达成科技

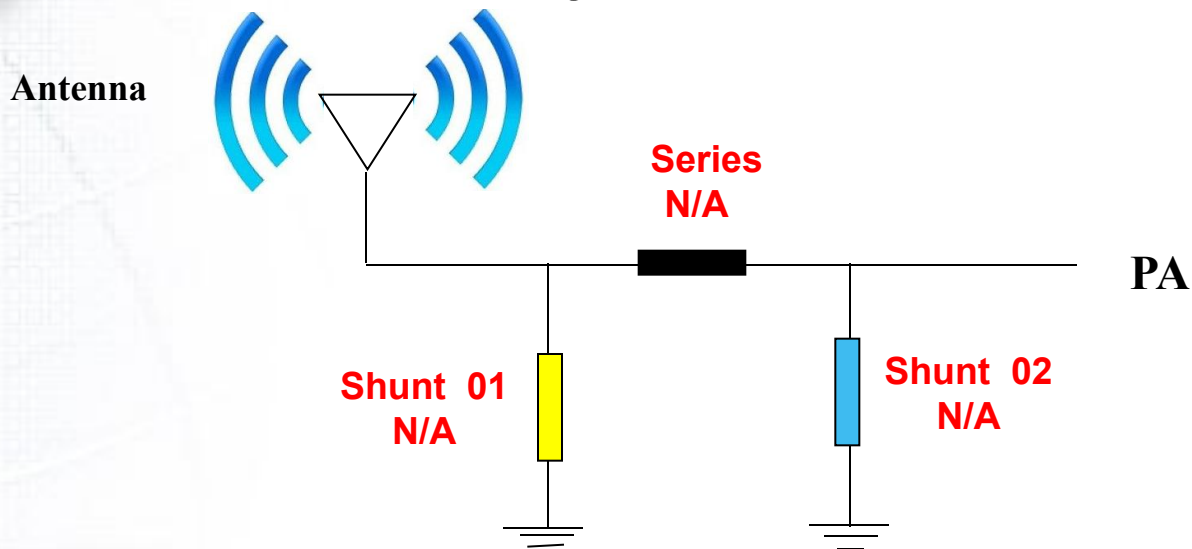




深圳顺达成科技有限公司

顺达成科技

2. Antenna Matching Network



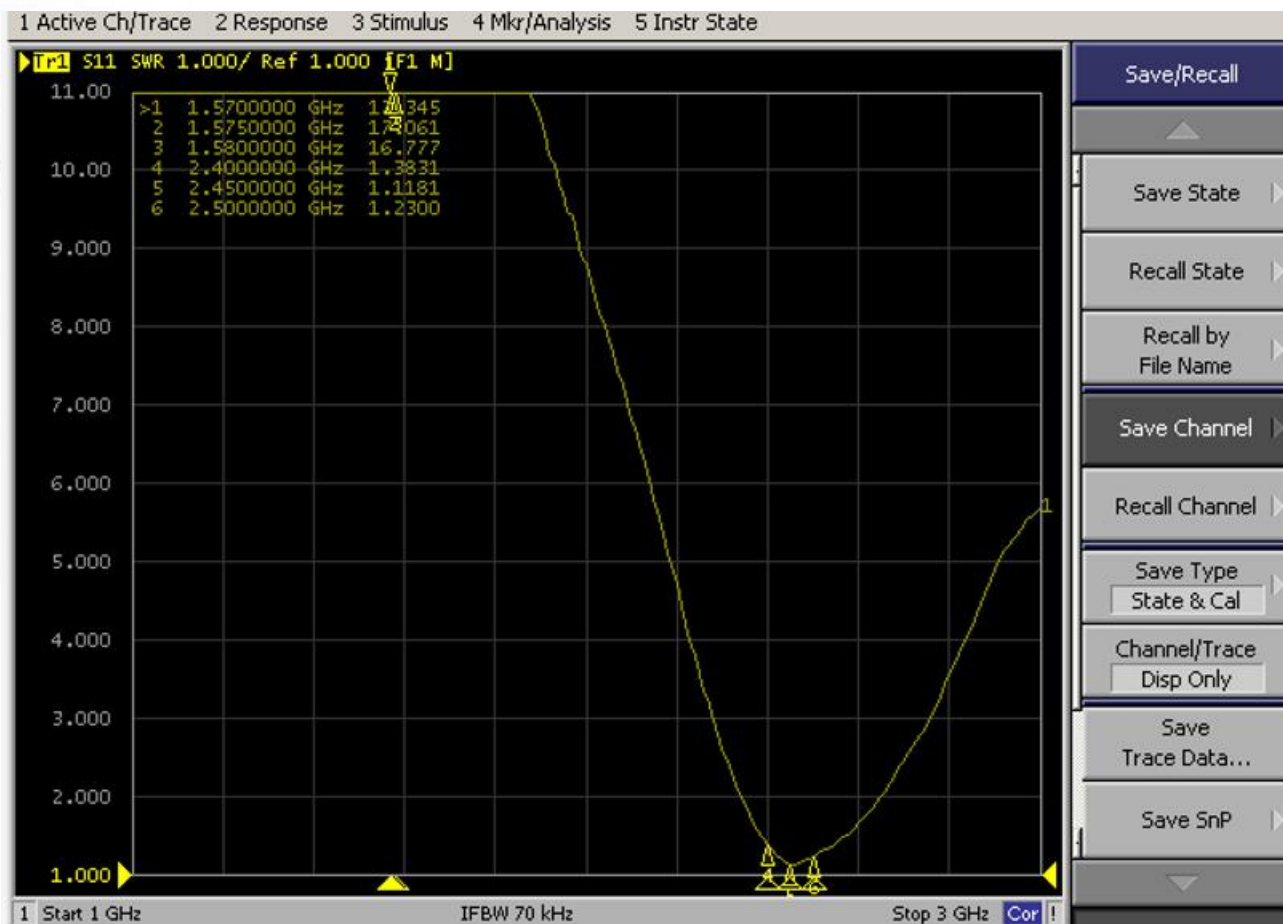
Location	Description	Vendor
Shunt 01	N/A	N/A
Series	N/A	N/A
Shunt 02	N/A	N/A

未改动主板
匹配电路



S11 Parameter-SWR

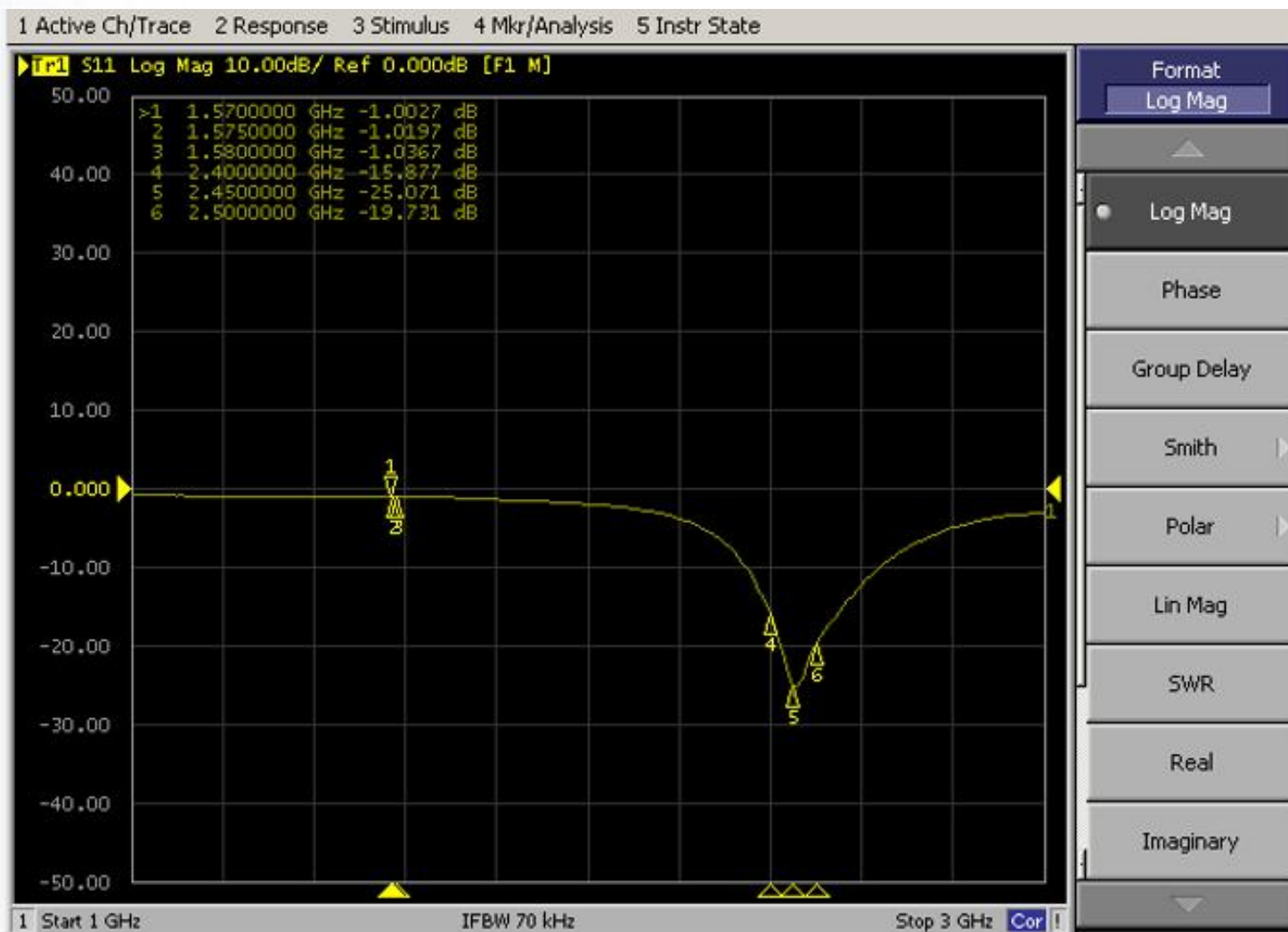
顺达成科技





S11 Parameter-Log Mag

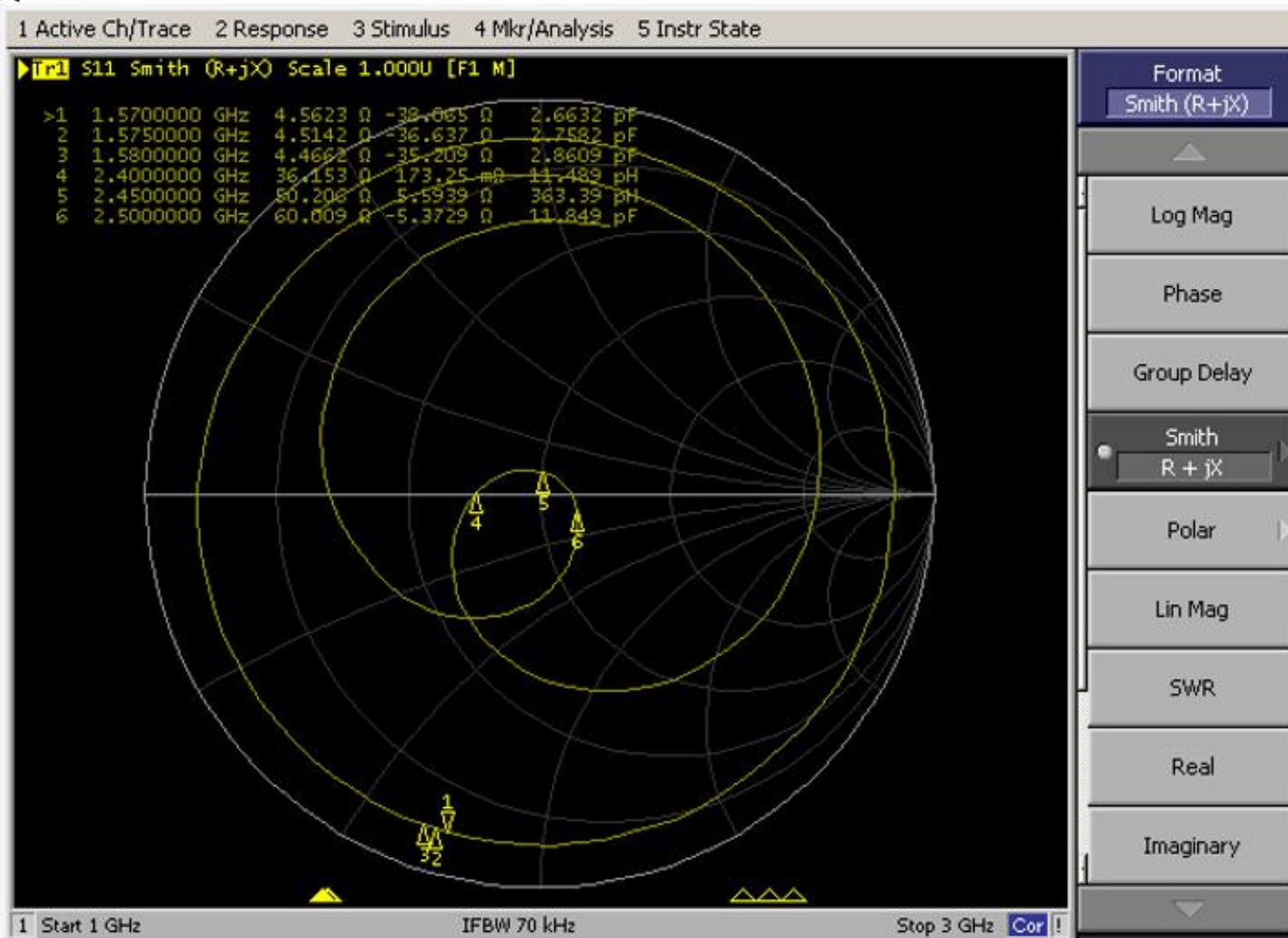
顺达成科技





S11 Parameter-Smith

顺达成科技





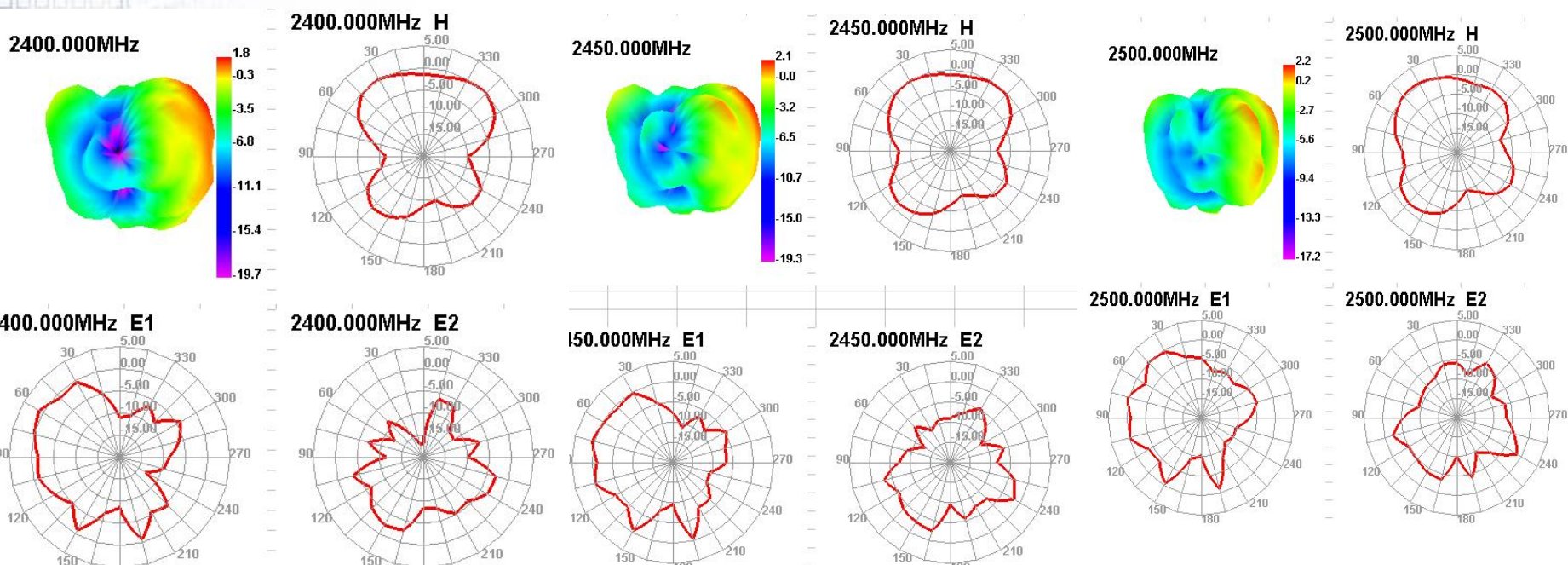
Gain & Efficiency

顺达成科技

Passive Test For 2.4G										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	43.91	-3.57	1.84	-0.31	22.401	21.511	1.84	-19.67	49.25	48.85
2450	44.86	-3.48	2.13	-0.02	22.886	21.973	2.13	-19.33	49.5	49.28
2500	45.49	-3.42	2.16	0.01	23.63	21.862	2.16	-17.15	49.61	49.52

2400.00MHz - 2500.00MHz Gain

5.00





WIFI OTA Data

2.4G	802.11b, (2.4G) 11M		
Channel	CH1	CH6	CH11
TRP	12.09	12.3	12.76
TIS	-74.58	-74.19	-74.93



顺达成科技

顺达成感谢您的支持

公司地址：深圳市宝安区福永镇重庆路新福工业园B5栋4楼