



Antena Test Report



顺达成科技

专业的4G/3G/GPS/WIFI/Lora等天线方案设计及供应商



Customer Name: Omni Intelligent

Frequency band: WIFI2.4G/BT

Version: A

Creation Date: 2023-4-28



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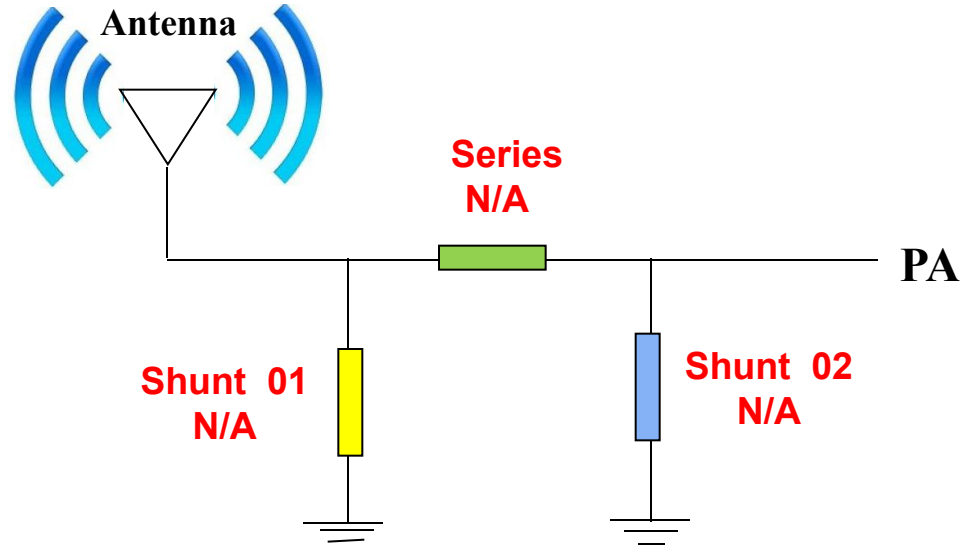
Test system

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C & Agilent 4438C & CMW500 & CMW270 ETS & GangPing
Gain & Efficiency	Gain & Efficiency	ETS & SATIMO Agilent 5071C



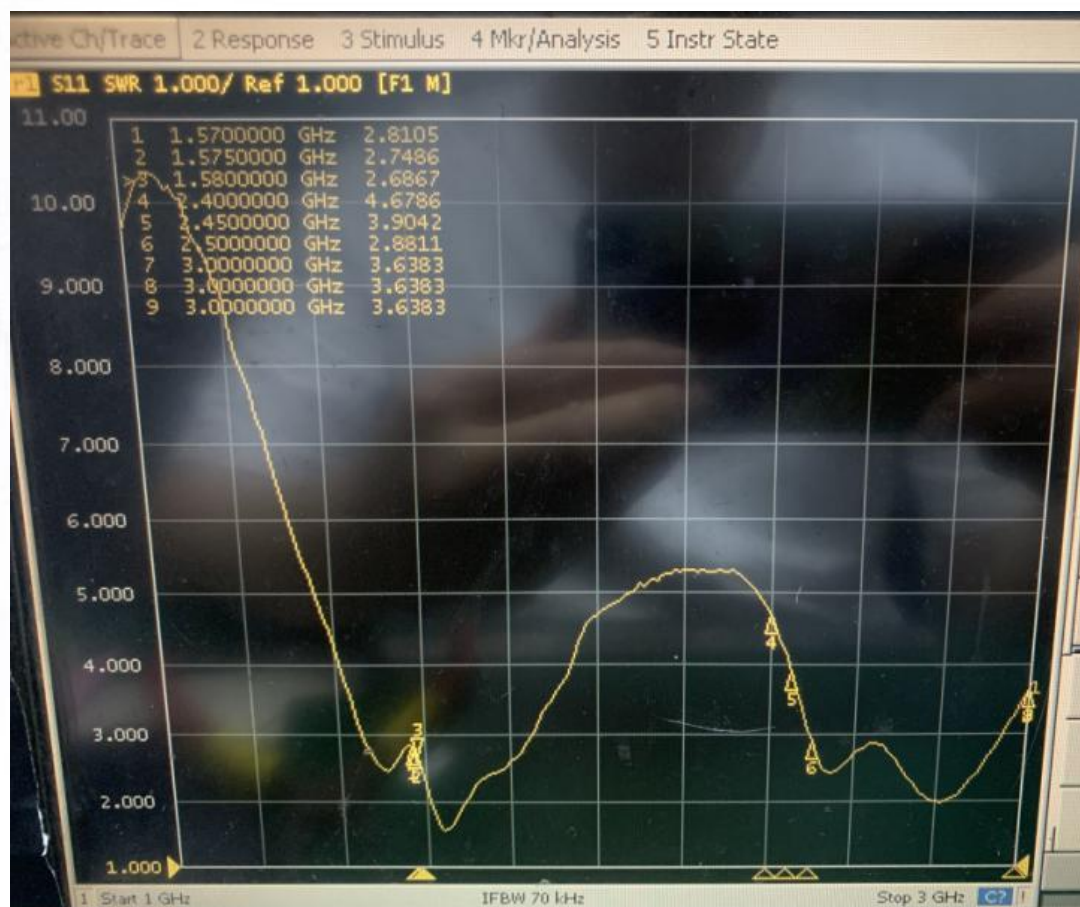
Antenna Matching Network

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 SWR



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频率 (MHZ)	2400	2450	2500
驻波比	4.67	3.9	2.88



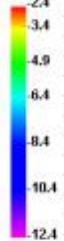
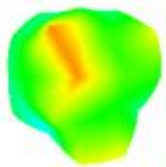
效率和增益-WIFI



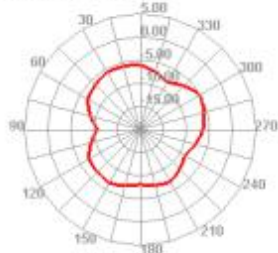
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Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	20.07	-2.38
2450	32.78	0.48
2500	43.99	2.51

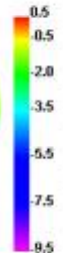
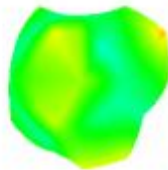
2400.000MHz



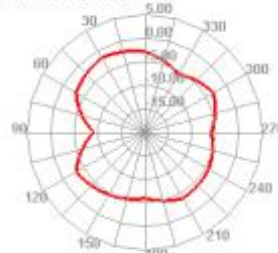
2400.000MHz H



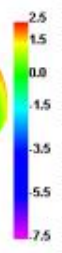
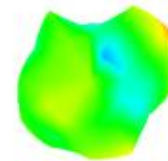
2450.000MHz



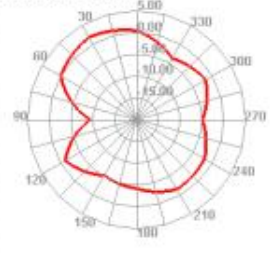
2450.000MHz H



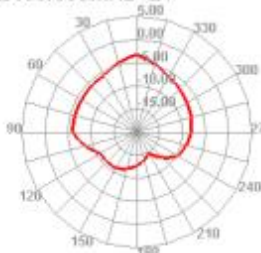
2500.000MHz



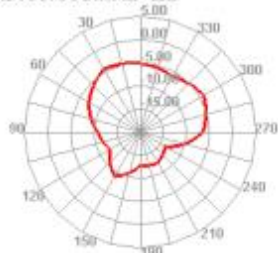
2500.000MHz H



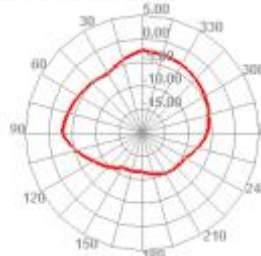
2400.000MHz E1



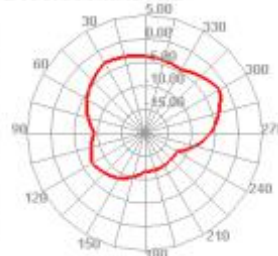
2400.000MHz E2



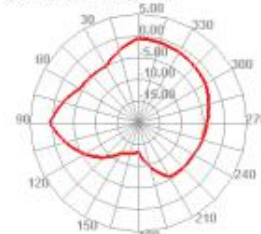
2450.000MHz E1



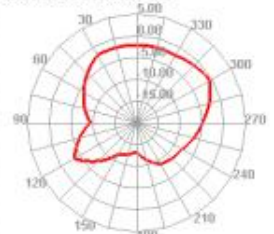
2450.000MHz E2



2500.000MHz E1



2500.000MHz E2

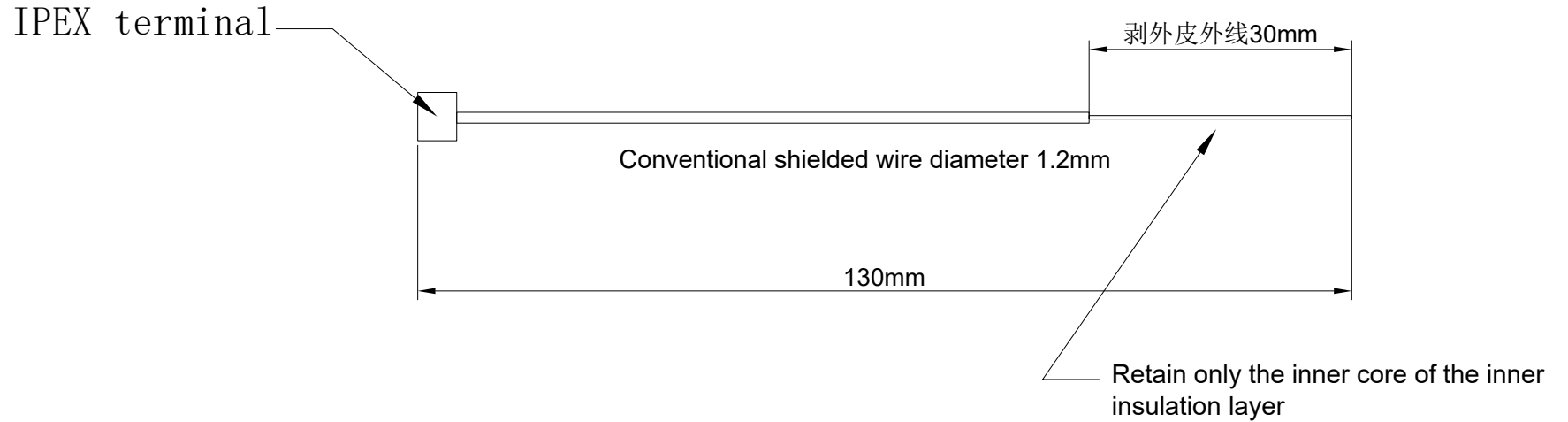


Antenna installation location diagram



2.4G/BT Antenna

WIFI/BT simple antenna



Antenna model: OPR_WiFi/BT_01
Operating Frequency: 2.4G



6. conclusion

Thanks for your support



顺达成感谢您的支持

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