

Antena Test Report



顺达成科技



professional 4G/3G/GPS/WIFI Other antenna solution designers and suppliers

Customer Name: Century Dingchuang Frequency Band:

WIFI 2.4G/BT

Version: A

project name: X9

Manufacturer's Name:

Shenzhen Kerun E-commerce Co., Ltd

Address: 301, 3rd Floor, Building 6, Longbi Industrial City, 27 Dafa Road, Bantian Street, Longgang District, Shenzhen, Guangdong, China

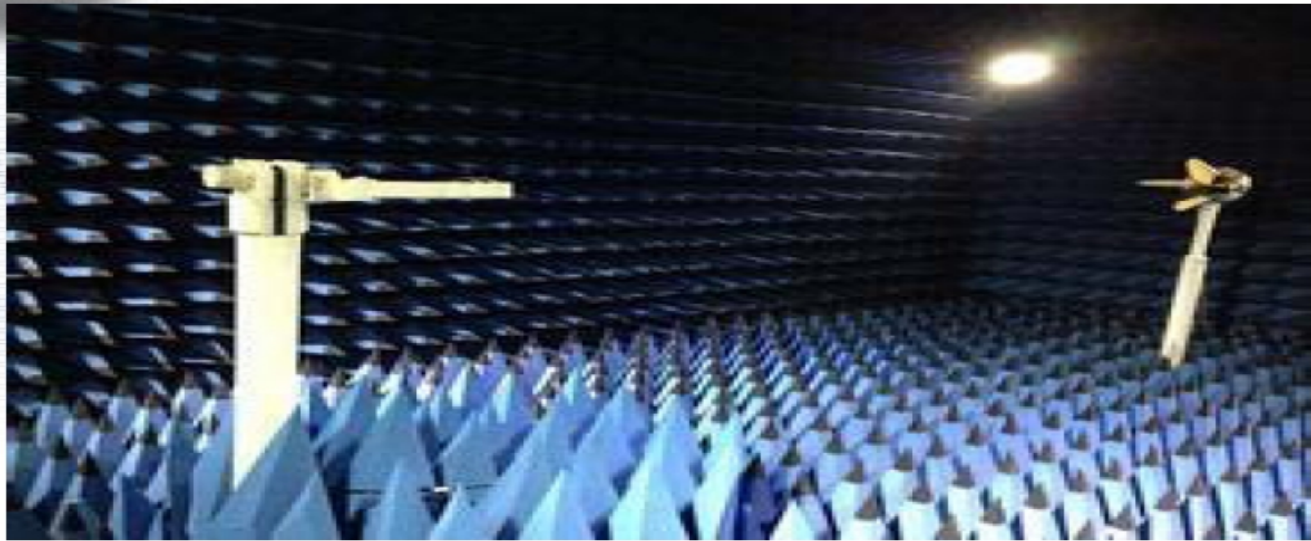
Production date: 2024-3-11

Test system

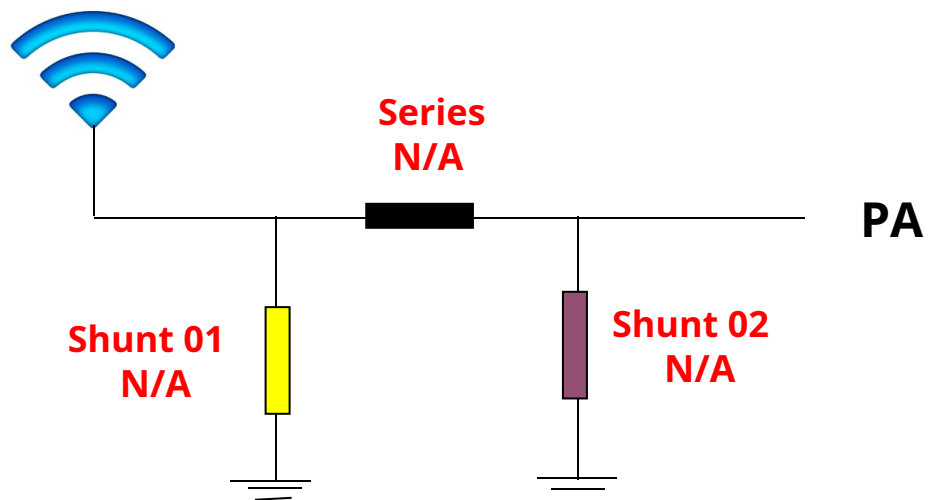


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Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C

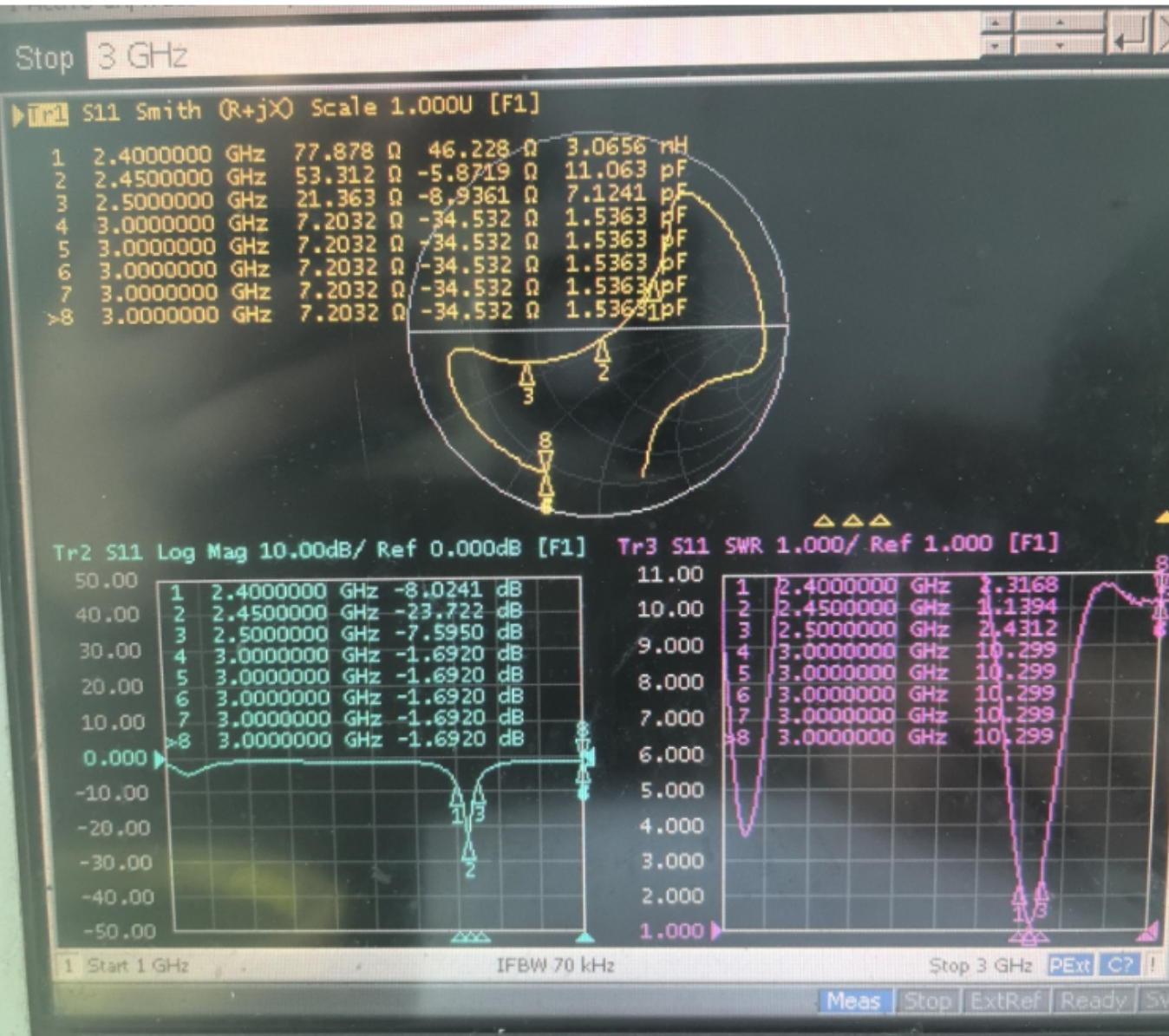


Antenna



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

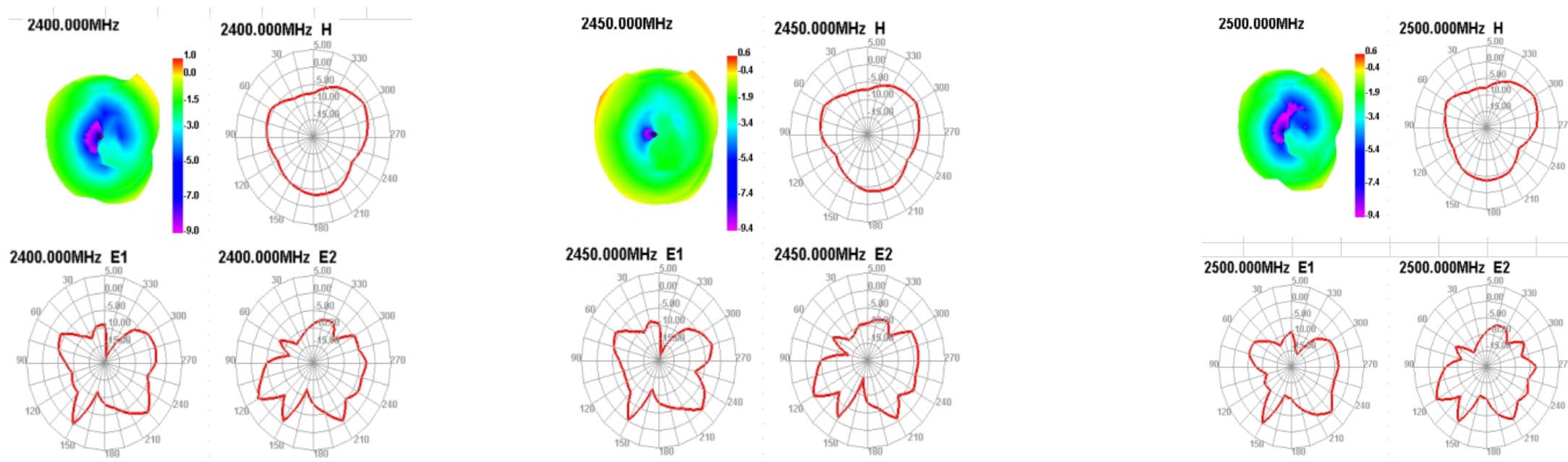
S11 SWR /Smith/ Log Mag



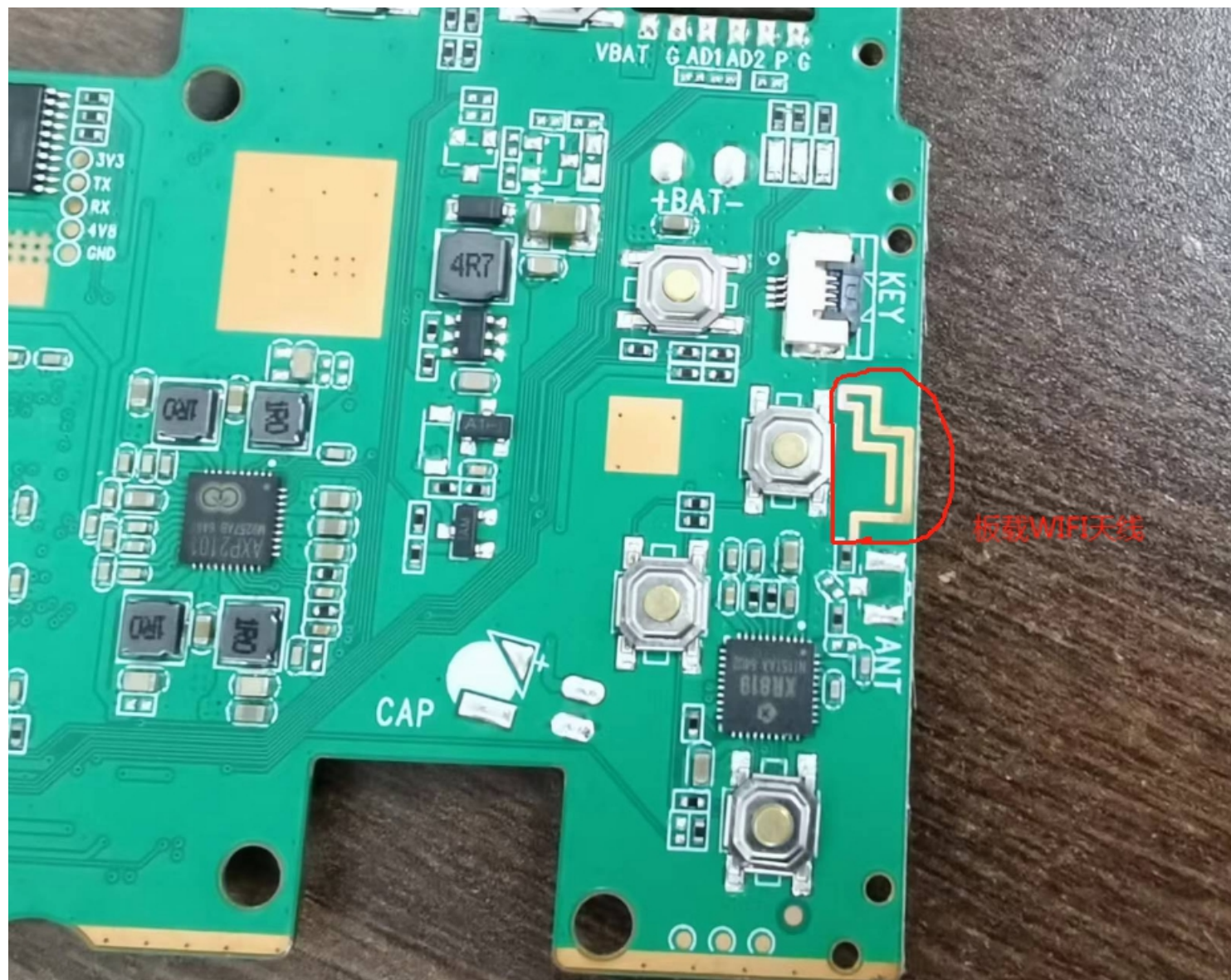
frequency(MHZ)	2400	2450	2500
ImpedanceΩ	77.8	53.3	21.3
return loss	- 8	- 23.7	- 7.5
standing wave ratio	2.3	1.1	2.4

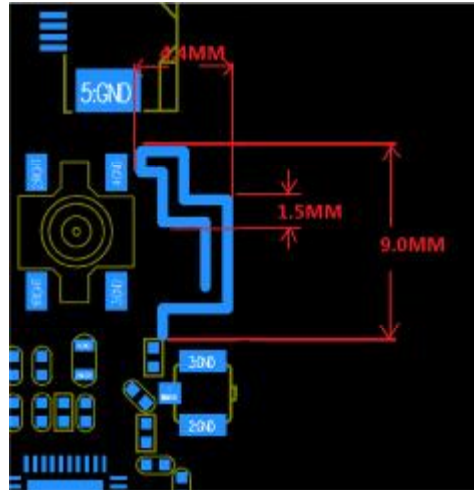
Efficiency & Gain

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	32.08	0.98
2450	32.17	0.62
2500	31.54	0.57



Antenna location







Thanks