

Antena Test Report



顺达成科技



专业的4G/3G/GPS/WIFI等天线方案设计及供应商

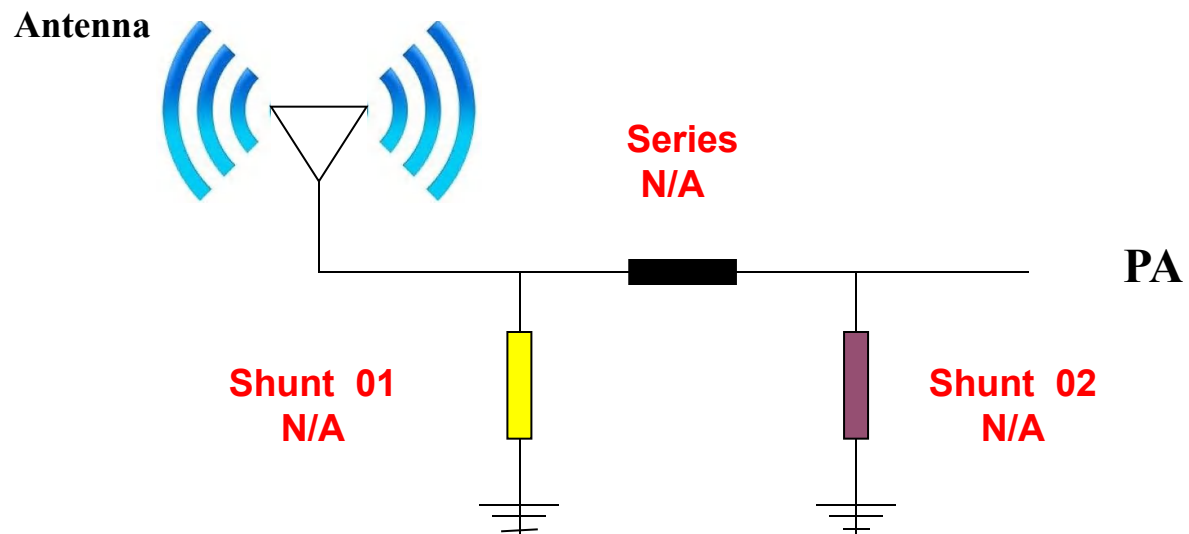
Test system

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



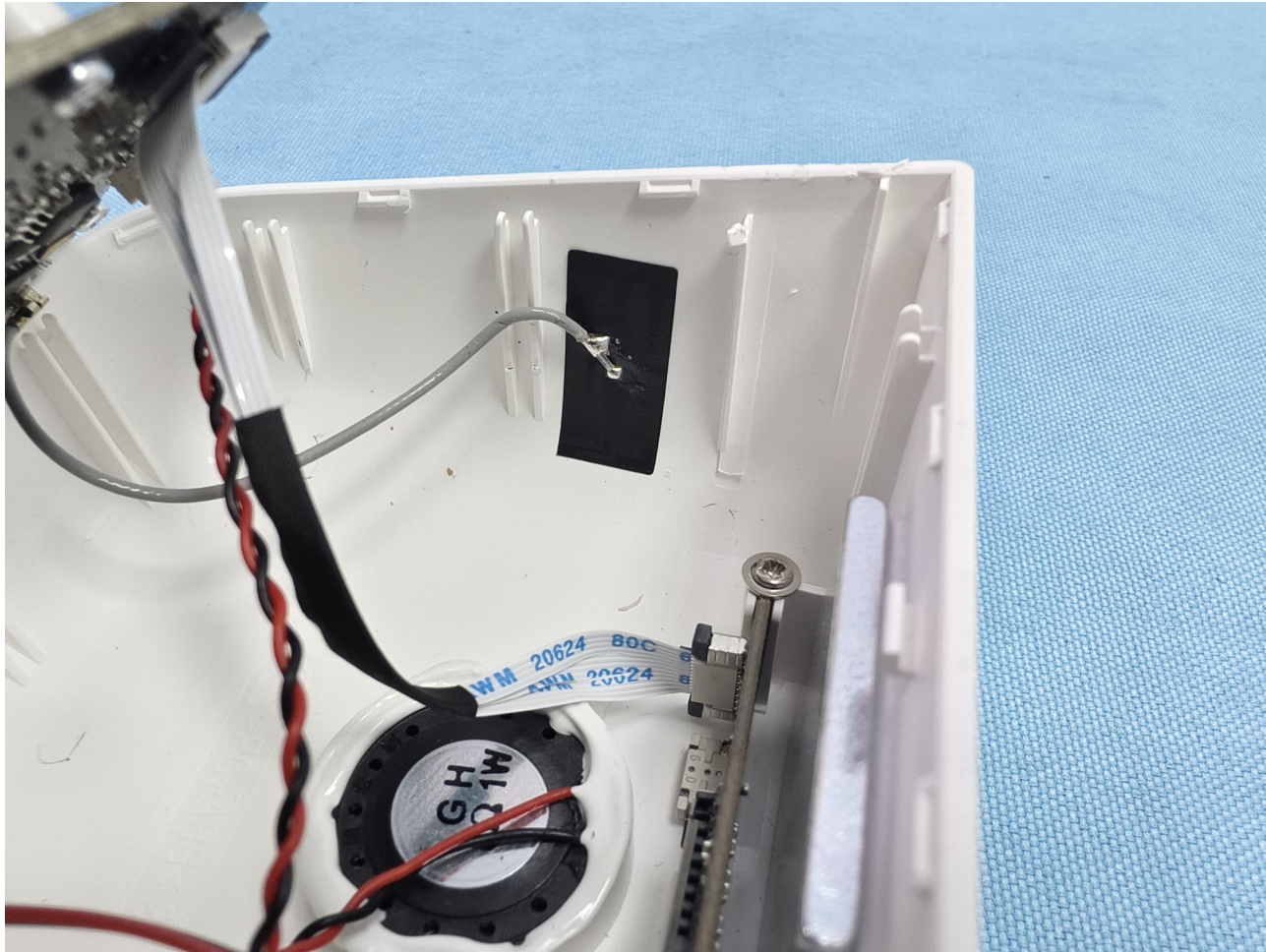
The motherboard circuit has not been modified

Antenna Matching Network



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

Size:
3cm*1cm



S11 SWR /Smith/ Log Mag



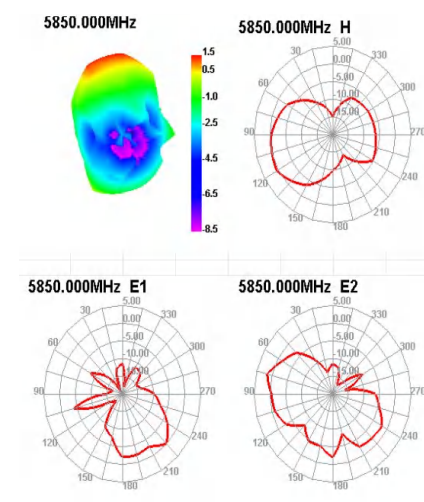
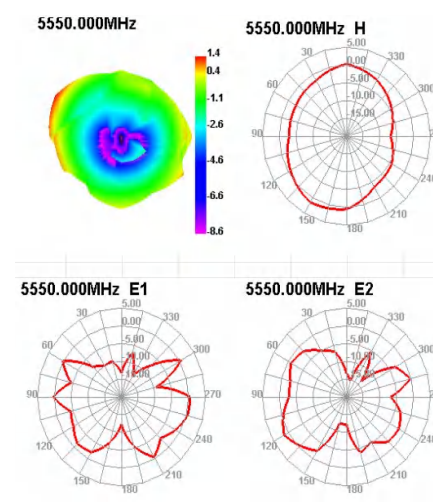
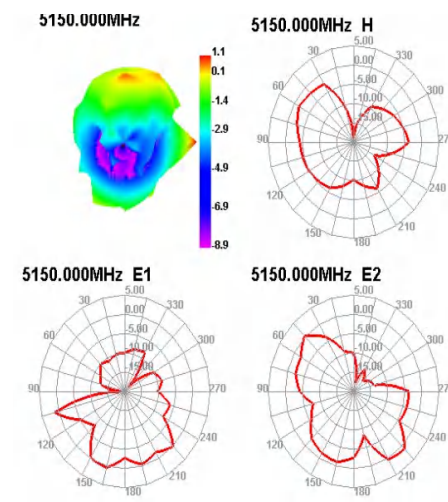
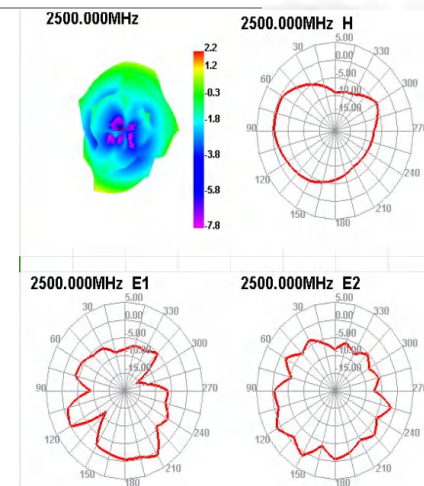
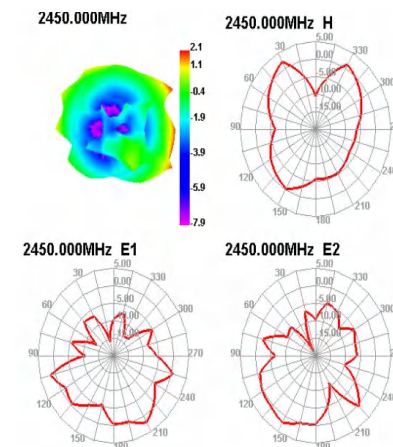
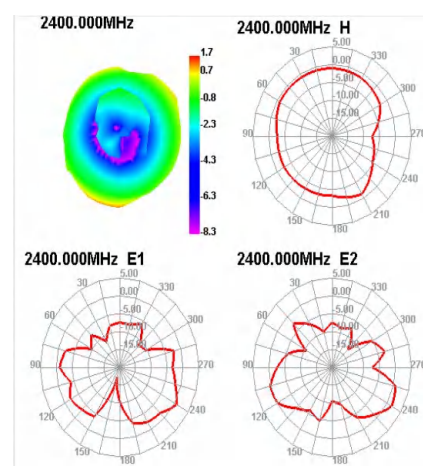
频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
驻波比	1.53	1.27	1.04	1.29	1.29	1.82	1.71	1.32

频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
阻抗	32.6 Ω	39.3 Ω	48.2 Ω	64.1 Ω	52.9 Ω	24.1 Ω	31.1 Ω	40.2 Ω

频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
回损	-13.4	-18.4	-24	-17.6	-17.9	-9.14	-11.5	-17.1

Gain & Efficiency

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	44.26	1.73
2450	44.39	2.11
2500	45.12	2.24
5150	43.17	1.13
5550	42.64	1.42
5850	43.56	1.51



WIFI OTA Data

2.4G	802.11b, (2.4G) 11M		
Channel	CH1	CH6	CH11
TRP	12.51	13.30	12.86
TIS	-77.23	-76.90	-76.58

5G	802.11a, 54M		
Channel	CH36	CH60	CH161
TRP	11.47	10.58	10.35
TIS	-68.13	-68.12	-68.19

Thanks