

Manufacturer : SHUN DA CHENG TECHNOLOGY CO., LTD

Address:4th Floor, Building B5, Xinfu Industrial Park, Chongqing Road, Fuyong Town, Bao'an District, Shenzhen City

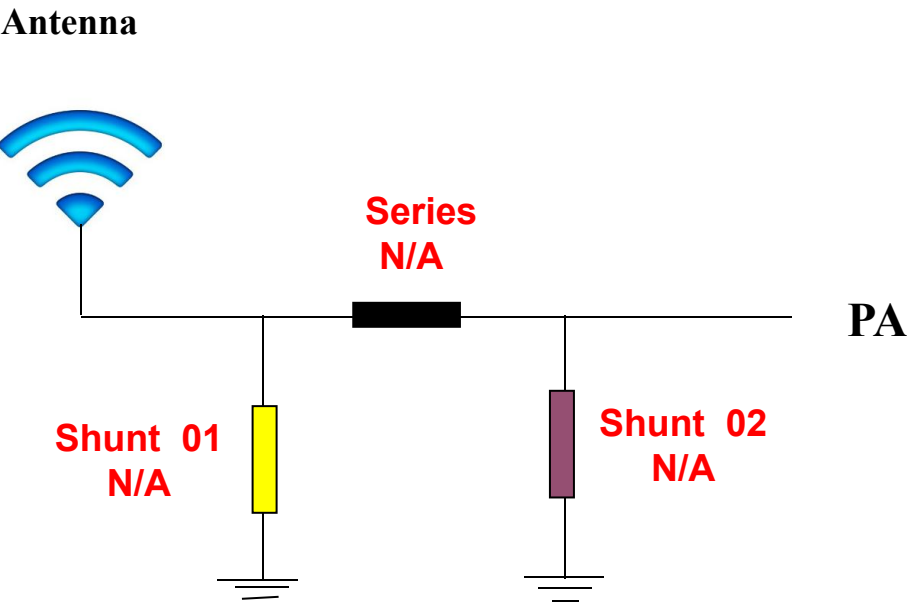
Antenna Type: Internal Antenna

Antenna Test Report

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



Match Circuit



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

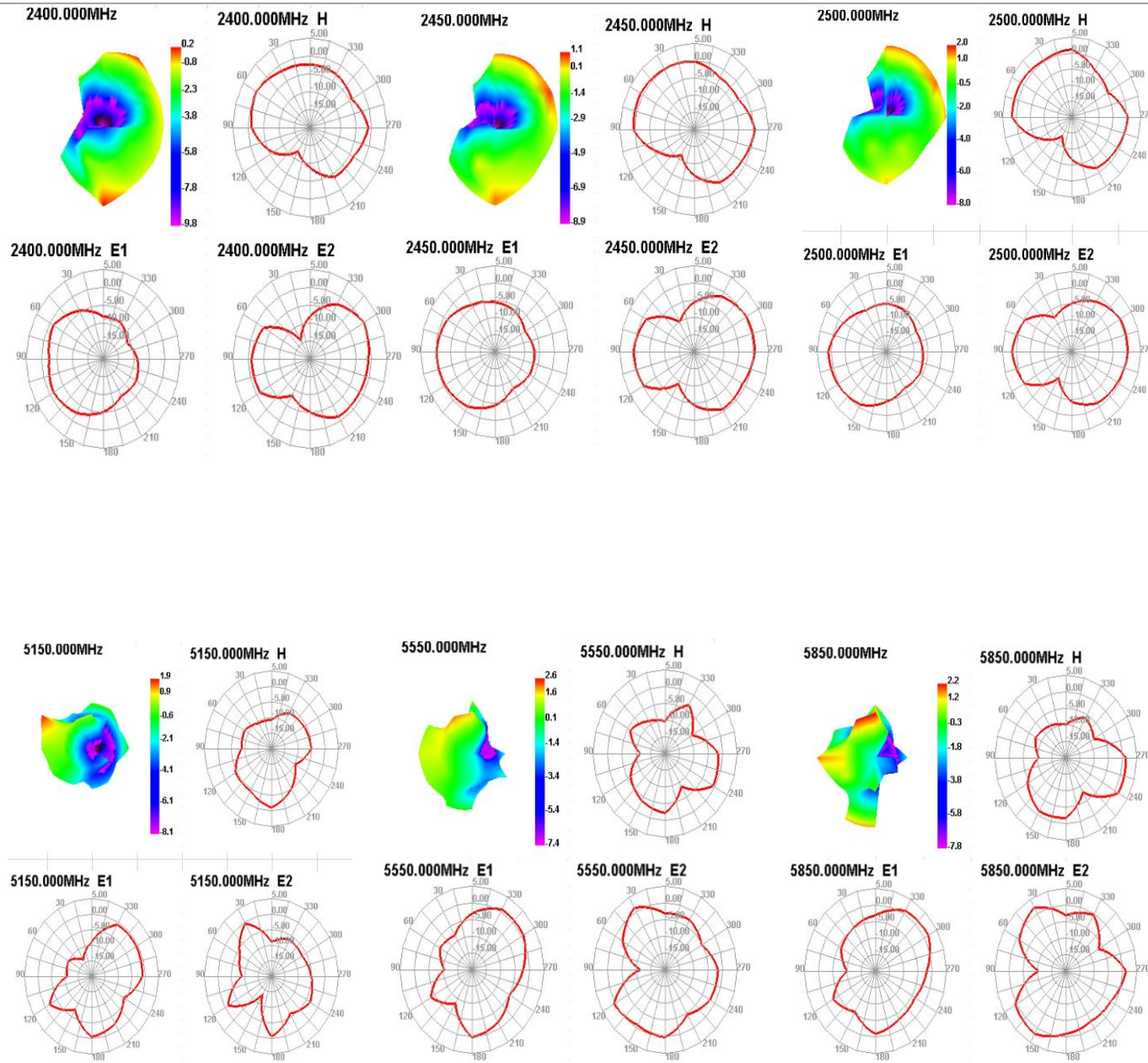
S11 SWR /Smith/ Log Mag



Frequency (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
SWR	1.2	1.3	1.7	1.4	1.6	1.8	1.9	1.9
impedance	49.7 Ω	53.2 Ω	67.8 Ω	60.5 Ω	73.6 Ω	93.1 Ω	96.1 Ω	92.5 Ω
Return Loss	-18.2	-15.6	-10.8	-15	-12.1	-10.2	-9.7	-9.8

Gain&efficiency

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	42.92	1.71
2450	42.94	1.52
2500	42.32	1.48
5150	41.41	1.91
5350	42.8	2.64
5550	45.43	2.58
5750	46.92	2.09
5850	46.7	2.17

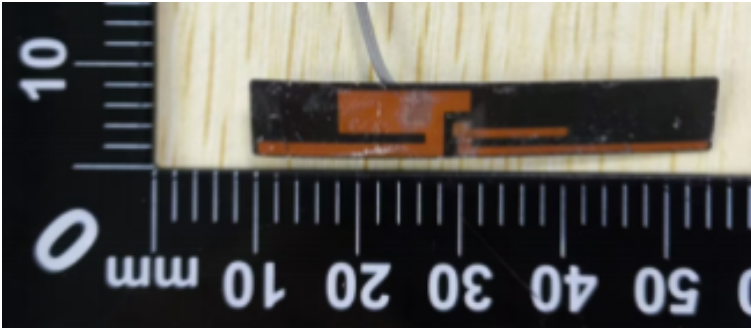


WIFI OTA Data

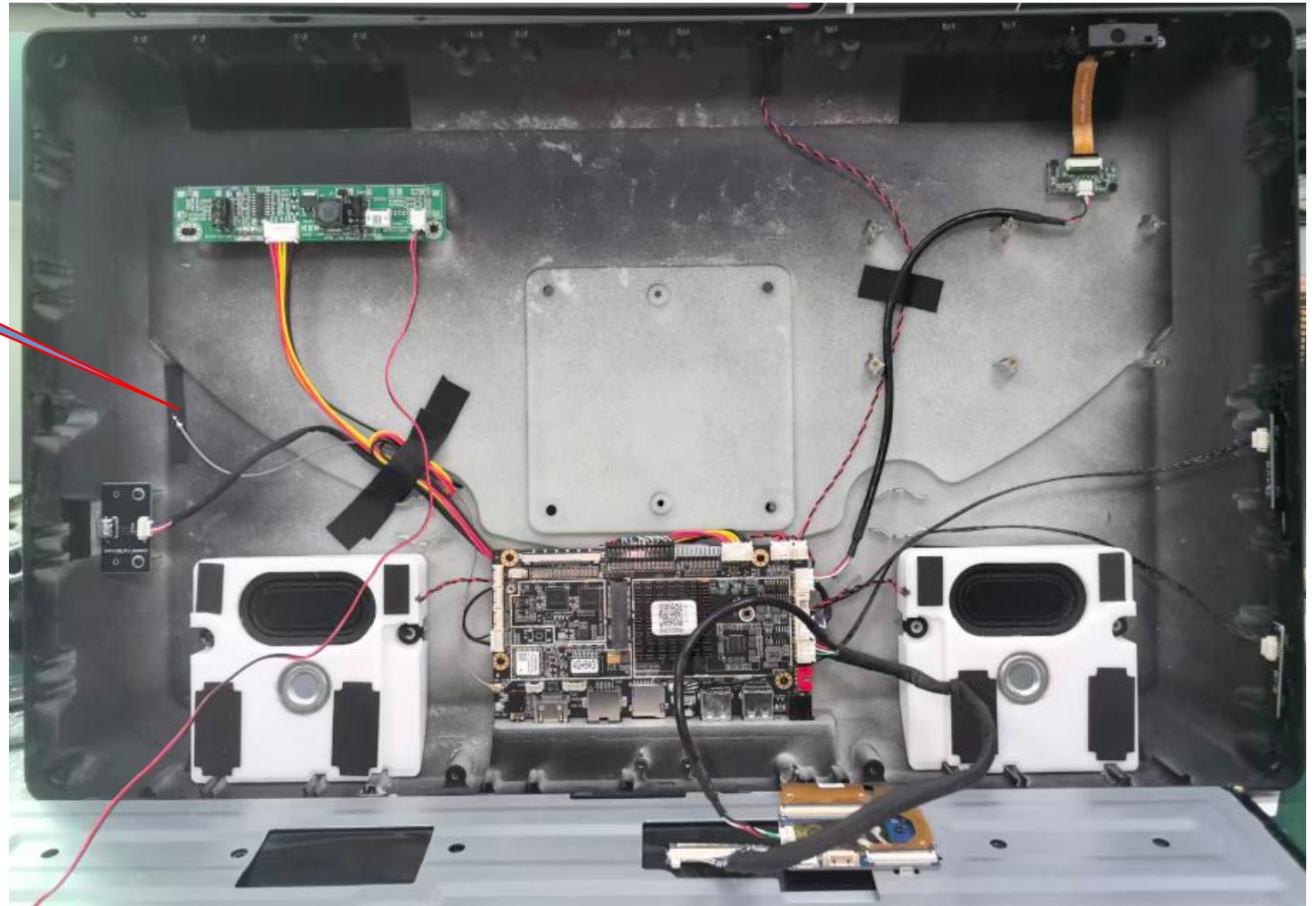
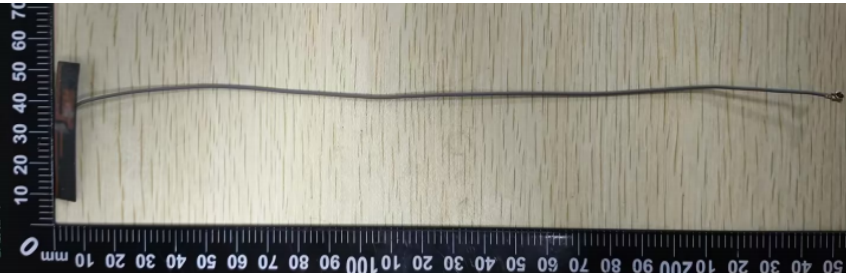
2.4G	802.11b, (2.4G) 11M		
Channel	CH1	CH6	CH11
TRP	11.09	11.06	10.27
TIS	-71.18	-70.26	-72.85

5G	802.11a, 54M		
Channel	CH36	CH60	CH161
TRP	10.75	10.05	12.08
TIS	-71.18	-69.39	-67.55

Antenna location



WiFi



Thanks