

Antena Test Report



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Professional **4G/3G/GPS/WIFI** antenna solution design and supplier

Customer name: topfuture

Project name: V02

Band: WIFI 2.4G/BT

edition : A

approv

Jack Wu

Made on: 2025-9-11

Manufacturer: SHUN DA CHENG TECHNOLOGY CO., LTD

Address: Xinfu Industrial Park, Chongqing Road, Fuyong Town, Bao'an District, Shenzhen

Test system



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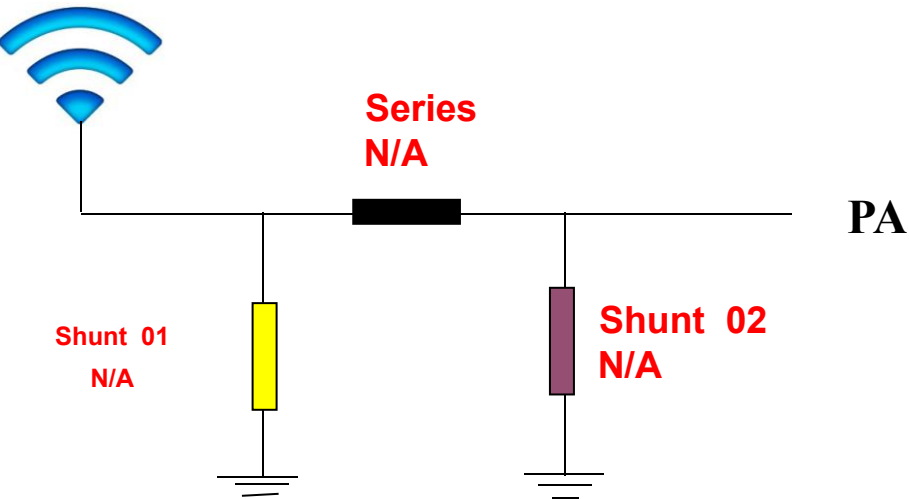
Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



The matching circuit remains unchanged



Antenna



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

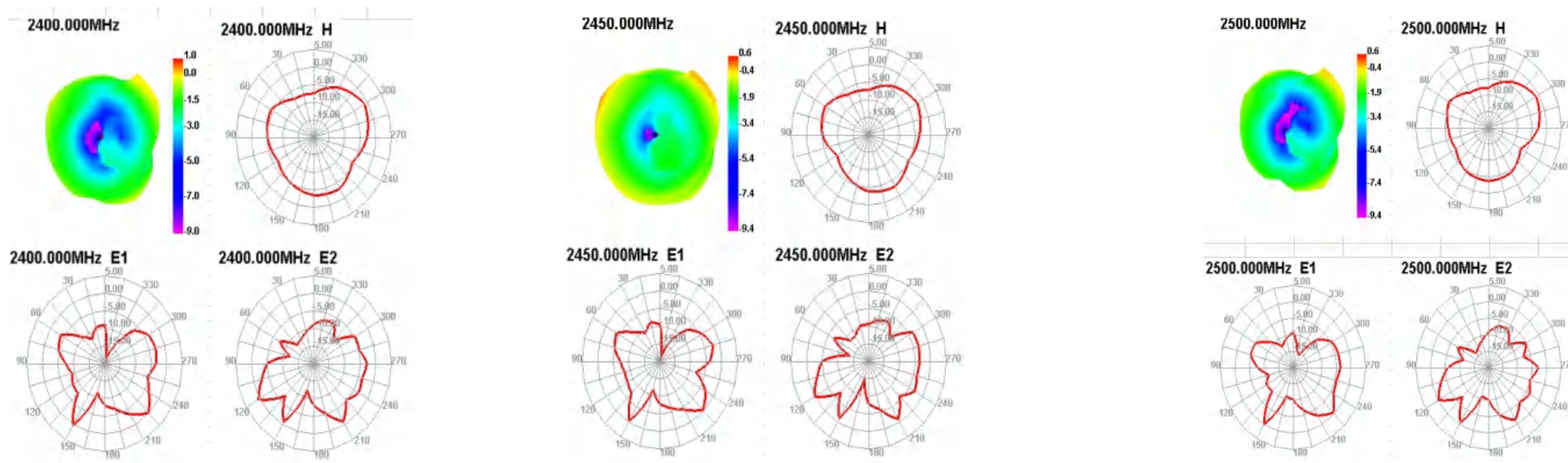
S11 SWR /Smith/ Log Mag



Frequency (MHZ)	2400	2450	2500
Impedance Ω	77.8	53.3	21.3
Return	-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 Position



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