

深圳赛维通讯科技有限公司

Shenzhen Saiwei Communication Technology Co., Ltd

Antenna test report

No. 401, Building 211, Tairan Industrial and Trade Park, Tairan Fourth Road, Futian District, Shenzhen, Guangdong Province, China

Customer Name: Tai Lefeng

Project name: S21-WX

Reporting time: 20240702

Saiwei - Sai is far away, and Wei is eternal!

Catalogue

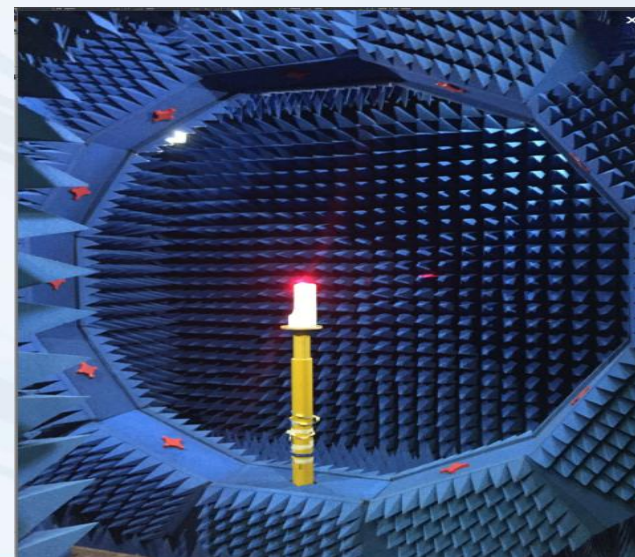
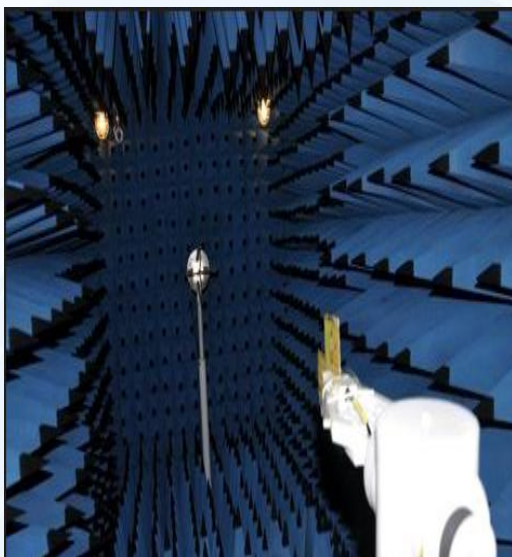
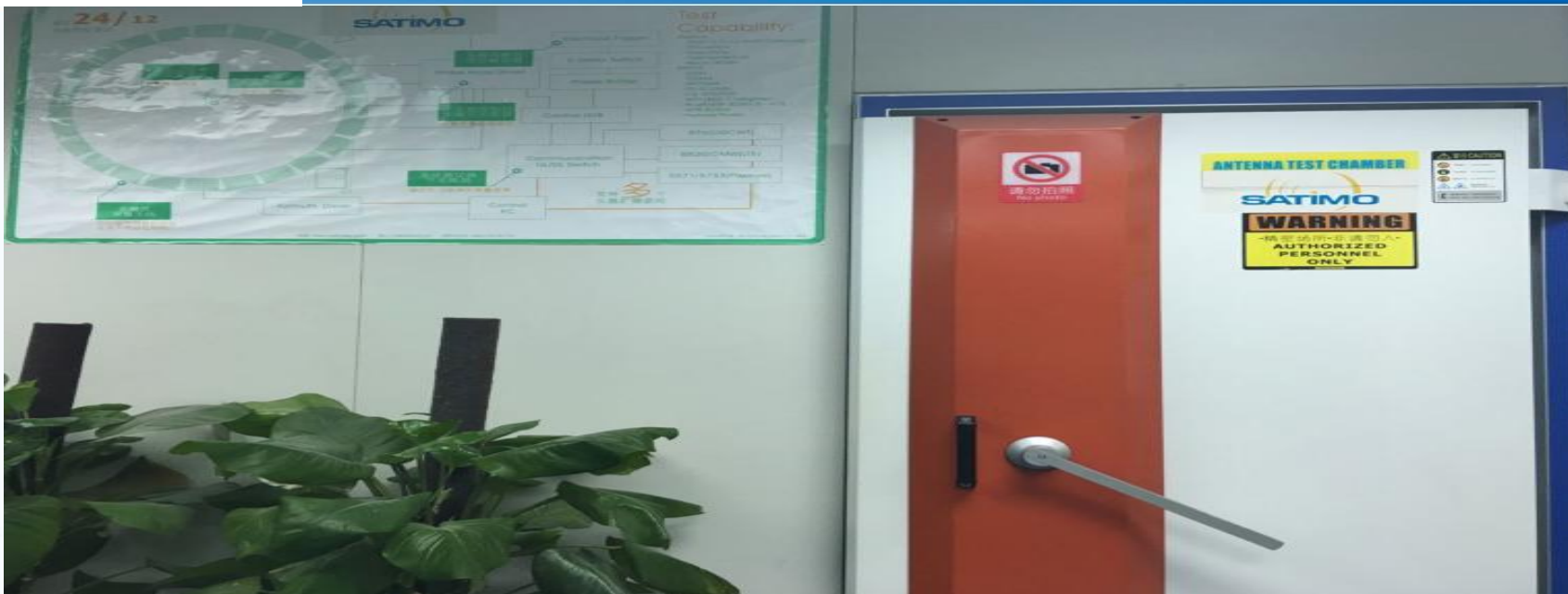
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- ⏏ Main antenna dark room data
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Introduction to project debugging

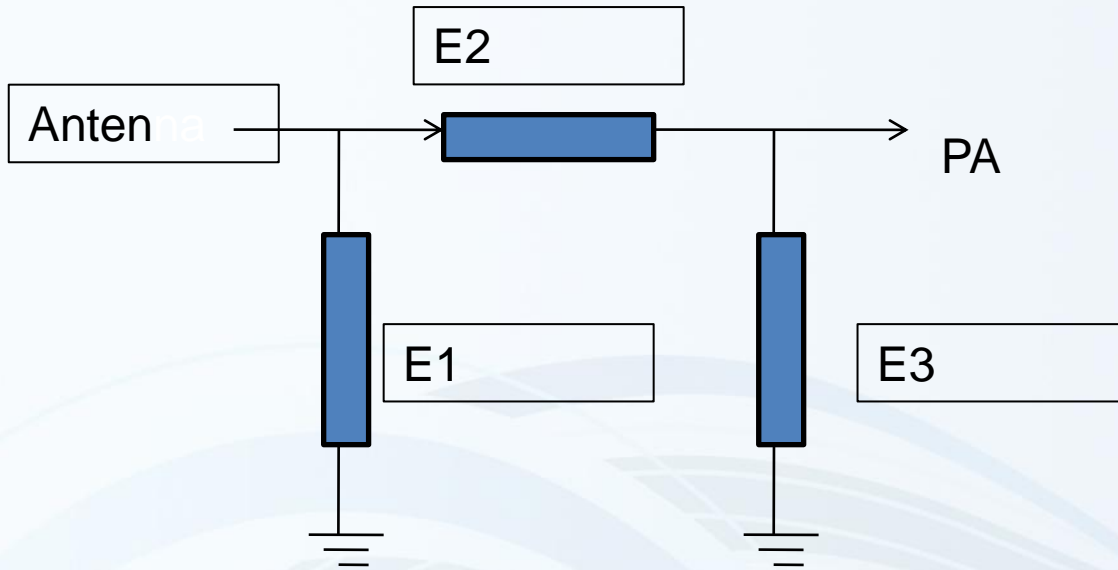
Type	Smart phone							
Plate type	Motherboard							
Antenna Overview	Main antenna	Frequency band		Premature line status	Yao line form	Design area	Matching changes	
		2G		FPC	PIFA			
		3G						
	4G							
	Other antennas	BT/WIFI	2. 4G/5G		FPC	PIFA		
		GPS	1. 575G					
		Episodes						
Prototype status			Environmental treatment					

Report version feed

Edition	Date	Overview of meat
V1	20240702	Test data



Main antenna matching circuit



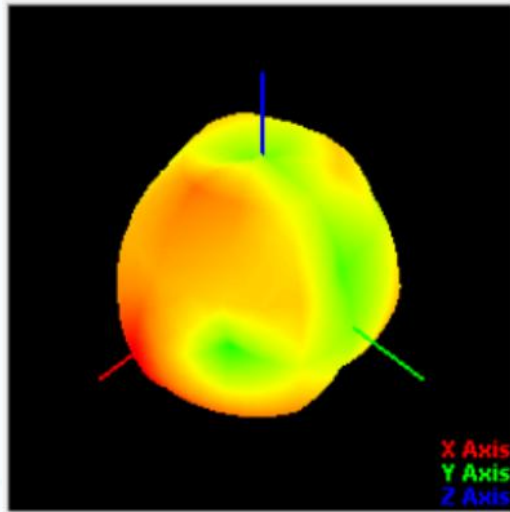
Element	Value
E1 (0402)	N/A
E2 (0402)	N/A
E3 (0402)	N/A

Antenna gain

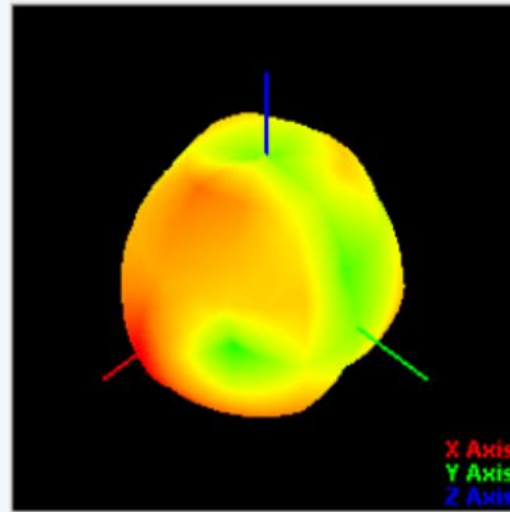
Standard	Band	Gain(dbi)
WIFI	2.4G	1.2
WIFI	5G	-2
BT	2.4G	1.2
GPS	1.575G	-1.8

3D picture display

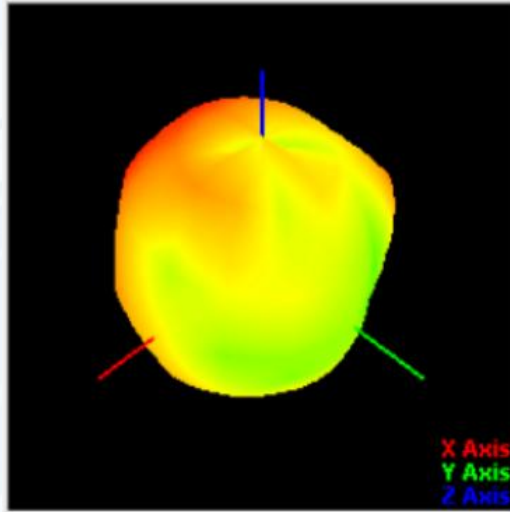
WIFI-2.4G



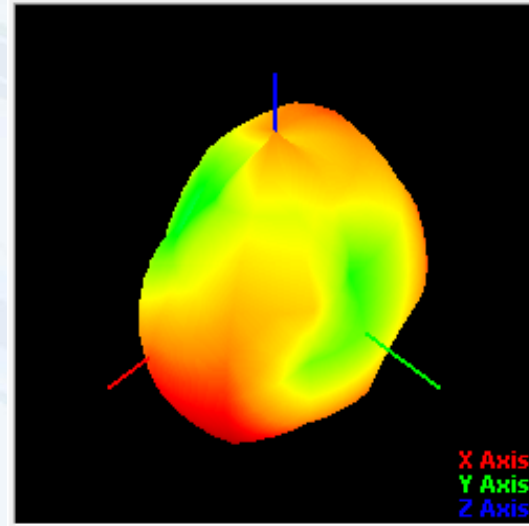
BT



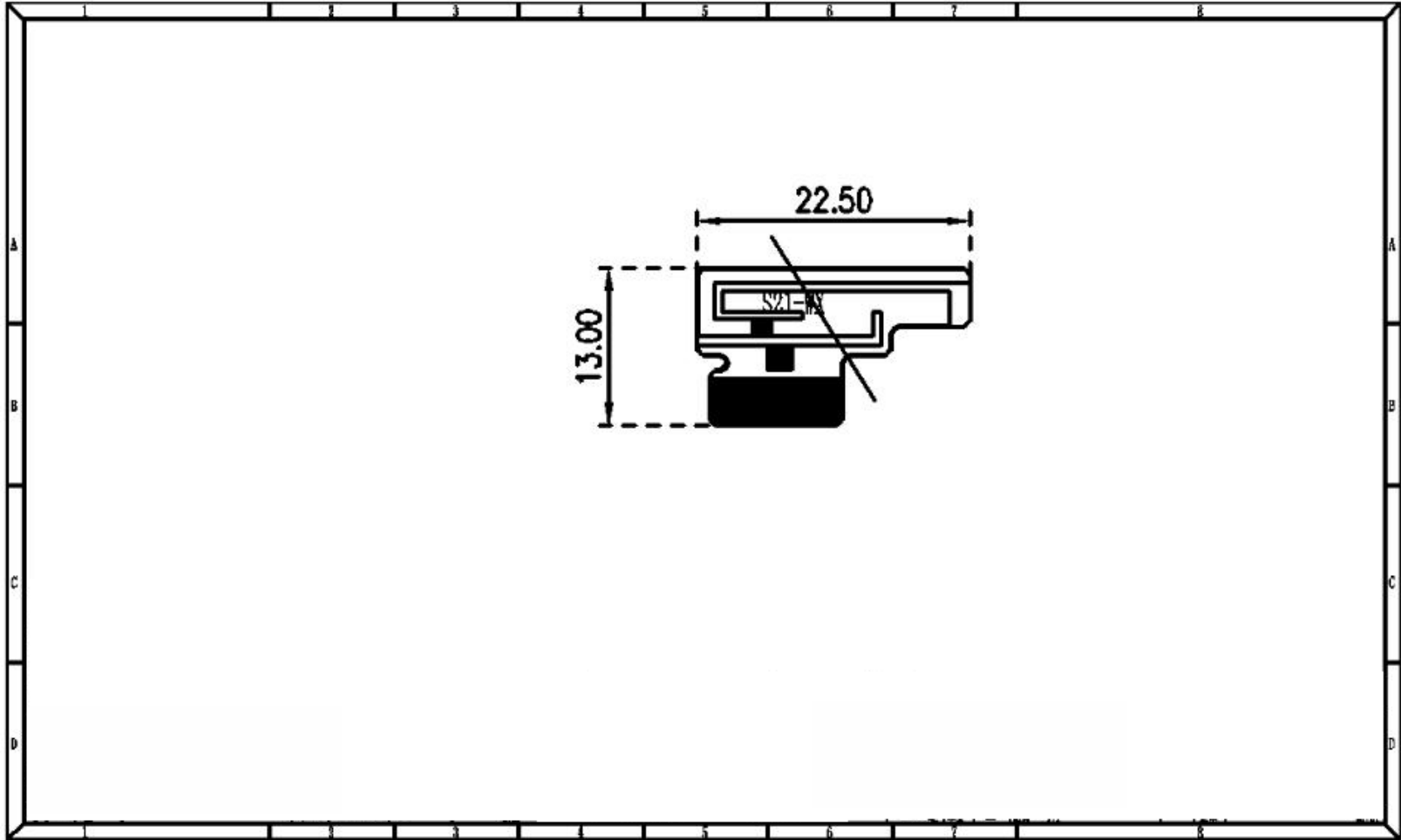
GPS



WIFI-5G



Antenna specifications



△ Please carefully confirm whether the matching circuit mentioned in the report is modified and whether the environmental processing is conductive, which will directly affect the antenna performance.

△ The parameters provided in this report are only for the reference given by customers to our demo.

△ If your company has a prototype with the latest trial production or update status (replacement of materials, update software, replacement of environment processing, etc.), please submit it to our company for verification as soon as possible to confirm whether the antenna performance has been affected. .

△ If you need to send it to a third party for retest or send it to the customer for testing, please be sure to hand over the machine that needs to be tested by our company for testing and confirmation, because of the consistency of the motherboard, the consistency of assembly, and the difference in antenna assembly, etc. All factors may lead to the deviation of antenna parameters.

THANKS!

