

Shenzhen Saiwei Communication Technology Co., LTD

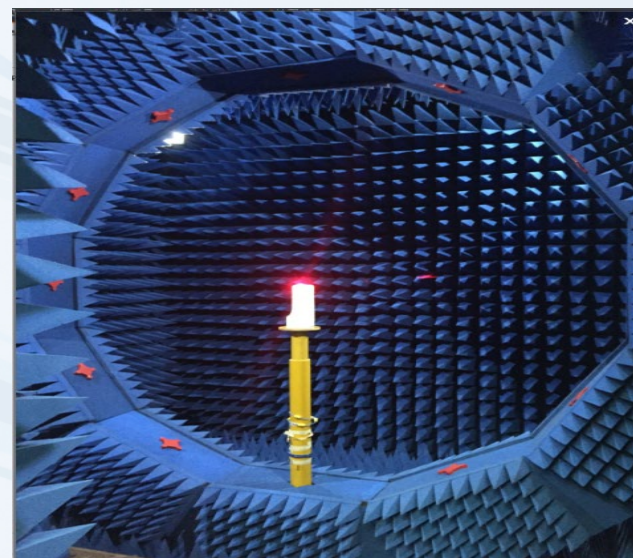
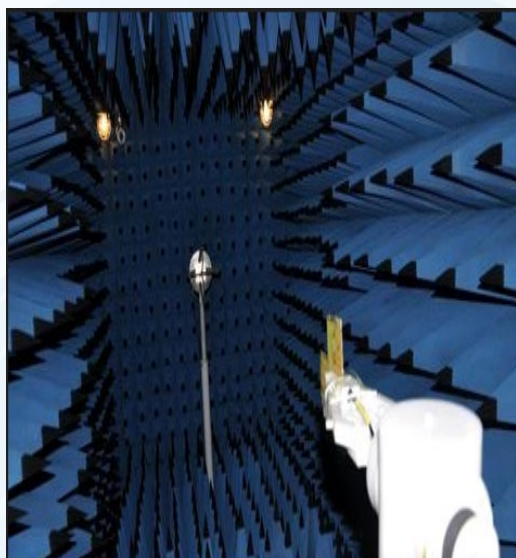
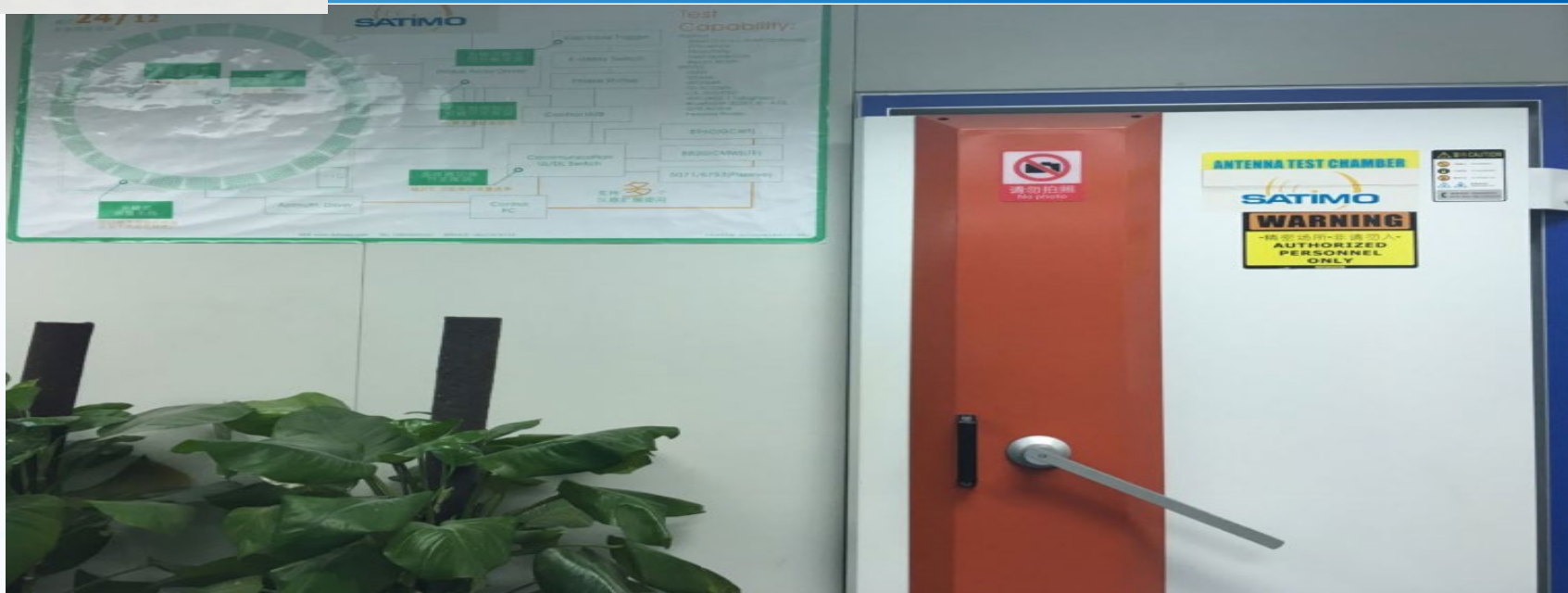
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- △ Project Debugging Introduction
- △ Report Version Summary
- △ Test Environment
- △ Main Antenna Dark Chamber Data
- △ Additional Notes

Project Debugging Introduction

type							
Antenna Overview	main antenna	frequency range		Antenna status	Antenna type	Design area	
				FPC	PIFA		
		4G	2. 3. 4. 5. 7. 8. 28. 66				
	Other antennas				PIFA		
					PIFA		
Prototyp e status							

Report Version Summary



Antenna photo



4G	Channel	TRP (dBm)	TIS (dBm)
B2	L	22.7	
	M	20.9	
	H	20.4	-95.3
B3	L	18.9	
	M	19.8	
	H	20.6	-91.4
B4	L	19.2	
	M	20.1	
	H	21.8	-95.3
B5	L	21.3	
	M	21.1	
	H	21.8	-90.5

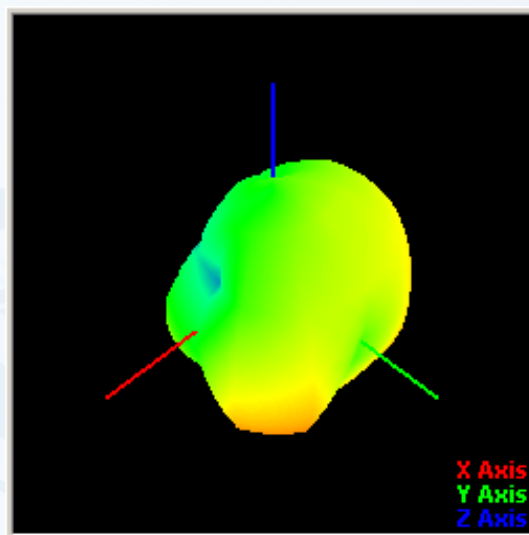
4G	Channel	TRP (dBm)	TIS (dBm)
B7	L	22.1	
	M	22.4	
	H	21.7	-94.2
B8	L	20.3	
	M	19.7	
	H	19.8	-87.5
B28	L	17.1	
	M	20.4	
	H	17.7	-94.8
B66	L	18.6	
	M	19.1	
	H	19.6	-95.3

Antenna gain

Standard	Band	Gain(dBi)
LTE	B2	0.95
LTE	B3	0.76
LTE	B4	1.02
LTE	B5	0.10
LTE	B7	1.20
LTE	B8	0.11
LTE	B28	-0.11
LTE	B66	1.02

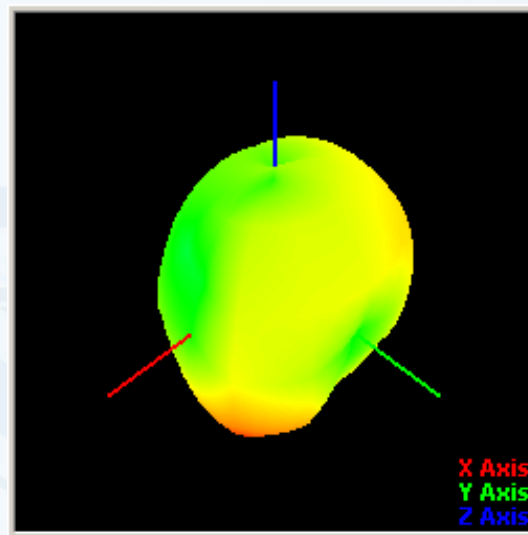
Main antenna apple diagramApple chart

700M



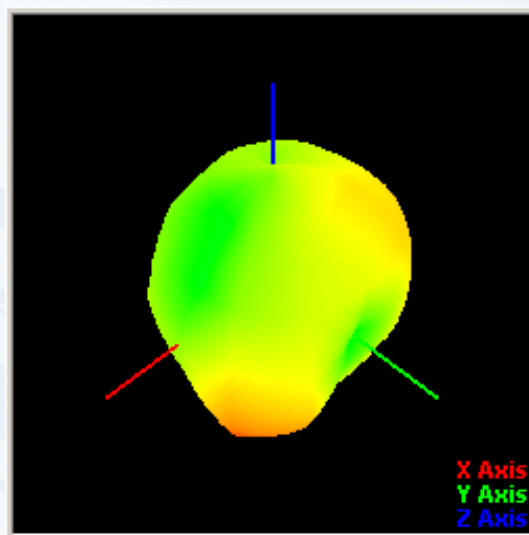
Main antenna apple diagramApple chart

800M



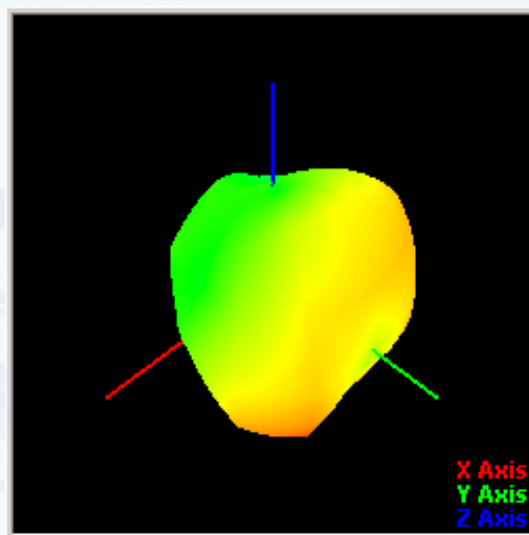
Main antenna apple diagramApple chart

900M



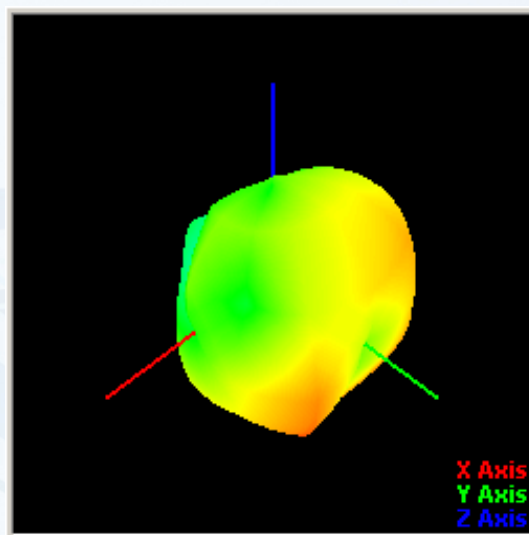
Main antenna apple diagramApple chart

1700M



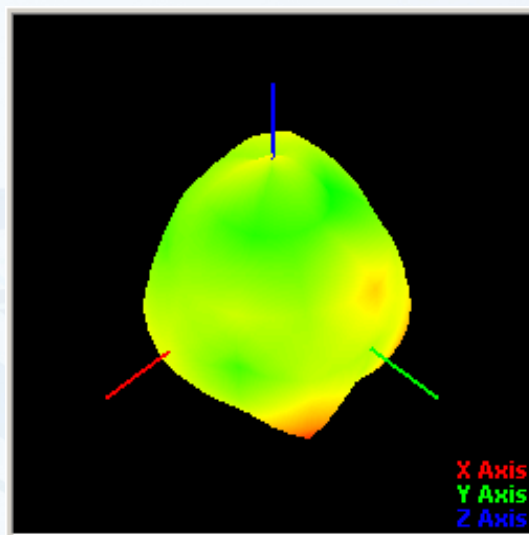
Main antenna apple diagramApple chart

1800M



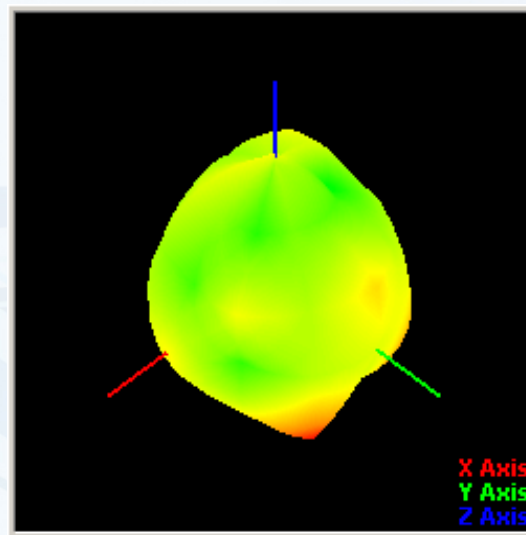
Main antenna apple diagramApple chart

1900M



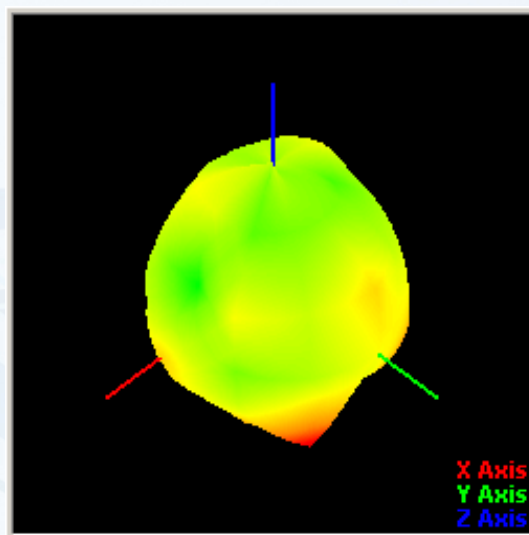
Main antenna apple diagramApple chart

2100M



Main antenna apple diagramApple chart

2600M



Additional Notes

Please carefully verify whether the matching circuit mentioned in the report has been modified and whether the environmental processing has been imported, which will directly affect the antenna performance.

Note: The parameters in this report are solely for our companys prototype debugging and do not reflect the final production status of your companys project.

If your company has a prototype with the latest trial production or updated status (such as material replacement, software update, or environmental processing change), please submit it to us for verification as soon as possible

to confirm whether the antenna performance is affected.

If your company needs to send the antenna to a third party for retest or to the customer for test, please submit the machine to be tested to our company for test confirmation, because the consistency of the motherboard, the consistency of the assembly, and the difference in the antenna assembly may lead to the deviation of the antenna parameters.

THANKS!

