
Antenna Gain Test Report

Project No.:

Client Name:

Client Address: /

Product Name:

Manufacture:

Antenna Type: Nickel planting Antenna

Antenna Size: /

Project Engineer:

Test Standards:

Test Result:

Issued Date:

1 Test Equipment Information

Equipment	Manufacturer	Mode No.	Serial No.	Cal date	Cal Due
Test Chamber	GTS	RZI800	/	/	/
Test Software	GTS	Libra	/	/	/
Network Analyzer	Keysight	E5071C	/	2022.6.30	2022.6.30

2 Test Temperature and Humidity

Temperature: 24.5°C

Humidity: 58%

3 Test Result

ANT 1					
Frequency (MHz)	Efficiency (%)	Gain (dBi)			
2400	6.536139104	-8.649770211			
2402	6.559830705	-8.625260474			
2404	6.580857848	-8.59129173			
2406	6.585518784	-8.554305621			
2408	6.576991219	-8.522008123			
2410	6.550325023	-8.518356311			
2412	6.514544099	-8.540036303			
2414	6.476880131	-8.590445864			
2416	6.436728006	-8.61385784			
2418	6.41917039	-8.643831917			

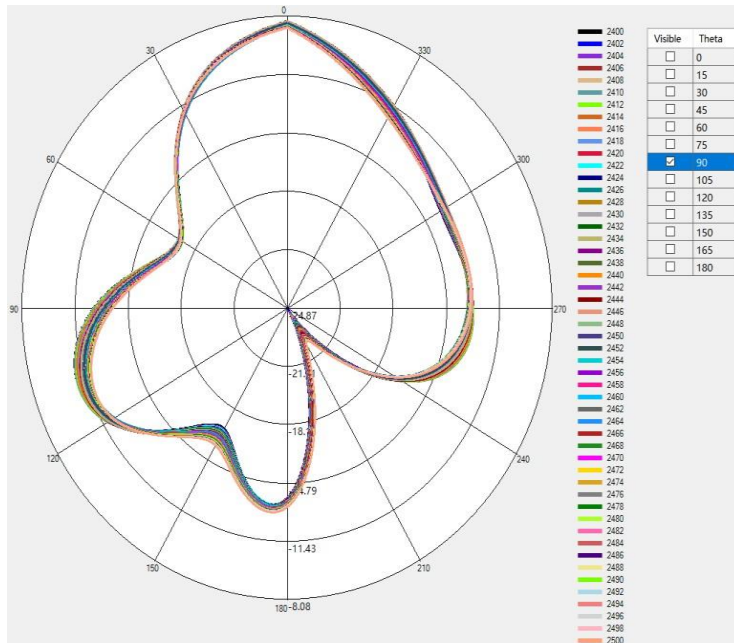
2420	6.418266019	- 8.652057471			
2422	6.416492861	- 8.649275946			
2424	6.422449689	- 8.623340016			
2426	6.432432295	- 8.603381018			
2428	6.471156384	- 8.569308453			
2430	6.516719493	- 8.532581437			
2432	6.565660211	- 8.504197814			
2434	6.615396259	- 8.474083394			
2436	6.662355352	- 8.463833468			
2438	6.701732198	- 8.438956928			
2440	6.754509599	- 8.395689657			
2442	6.786177885	- 8.358619114			
2444	6.794478059	- 8.331405317			
2446	6.773034511	- 8.335429449			
2448	6.734291184	- 8.377401448			
2450	6.69057259	- 8.440060377			
2452	6.647781586	- 8.504337929			
2454	6.606682442	- 8.568622953			
2456	6.573563063	- 8.613595775			
2458	6.521297178	- 8.643937513			
2460	6.487622783	- 8.650708291			
2462	6.470481997	- 8.623754089			
2464	6.465964778	- 8.583928637			
2466	6.46604573	- 8.544814414			
2468	6.468769785	- 8.513457174			
2470	6.488134011	-8.45888839			
2472	6.515274461	- 8.403229981			
2474	6.542824939	- 8.357094242			
2476	6.565236794	- 8.330985685			
2478	6.579432258	-8.28595769			
2480	6.591207428	- 8.261057978			

2482	6.571759926	-8.269495989			
2484	6.558519204	-8.263418815			
2486	6.555142618	-8.267231283			
2488	6.549713862	-8.261165968			
2490	6.55159858	-8.243668039			
2492	6.554781802	-8.235023413			
2494	6.567877248	-8.201622206			
2496	6.580798655	-8.173060136			
2498	6.596437732	-8.132606644			
2500	6.620467136	-8.090422497			

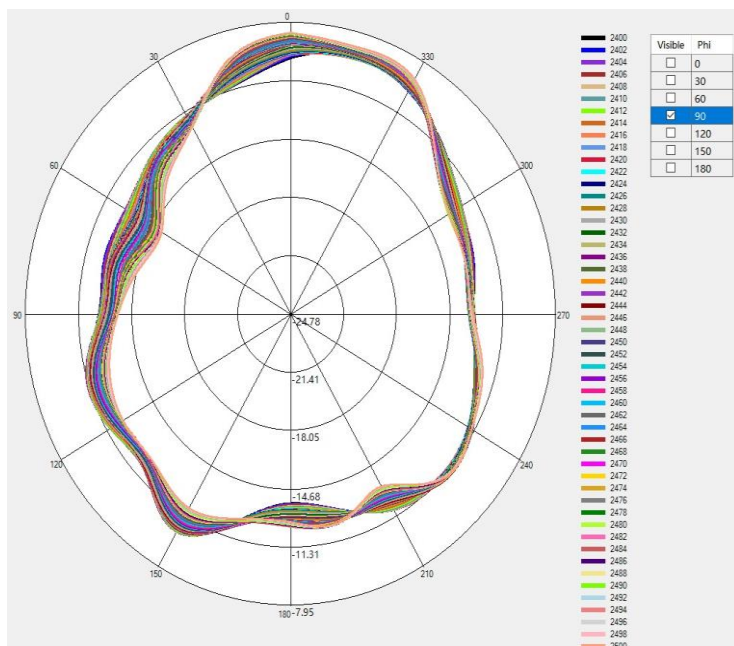
4 Polarization Pattern Photos

ANT 1

Horizontal Polarization (90°)

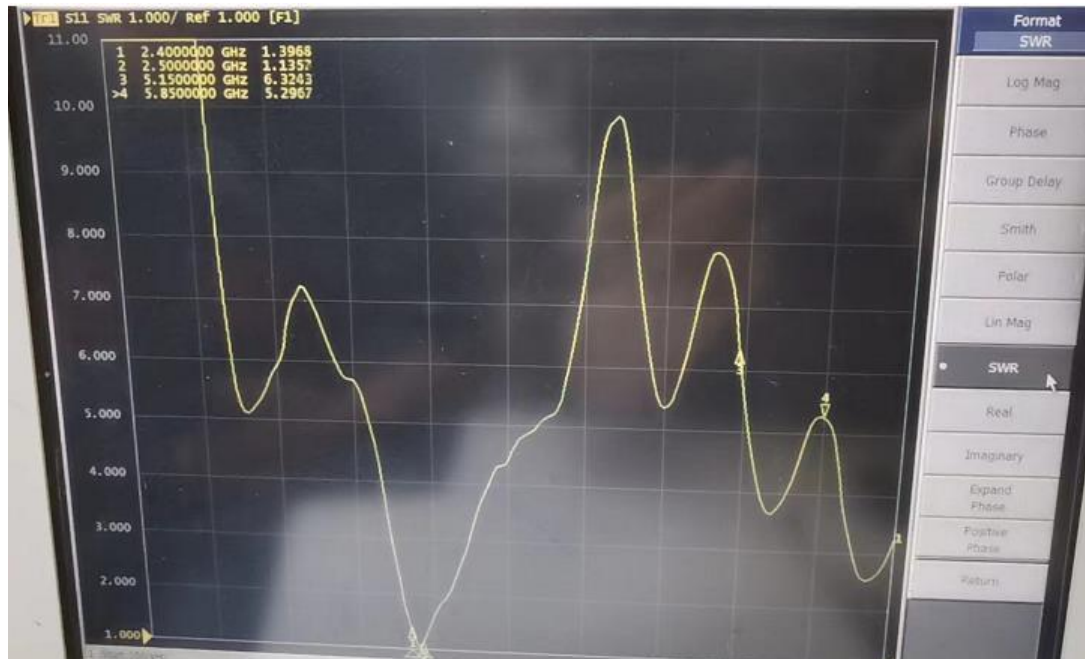


Vertical Polarization(90°)

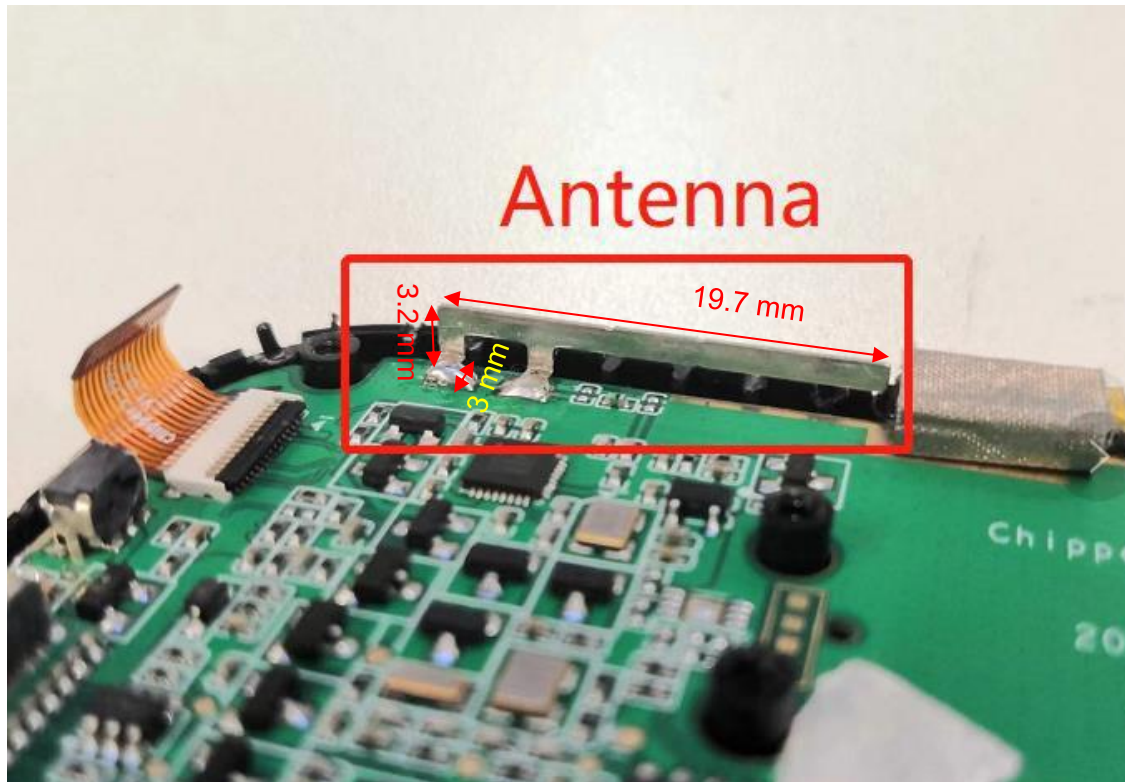


5 V.S.W.R

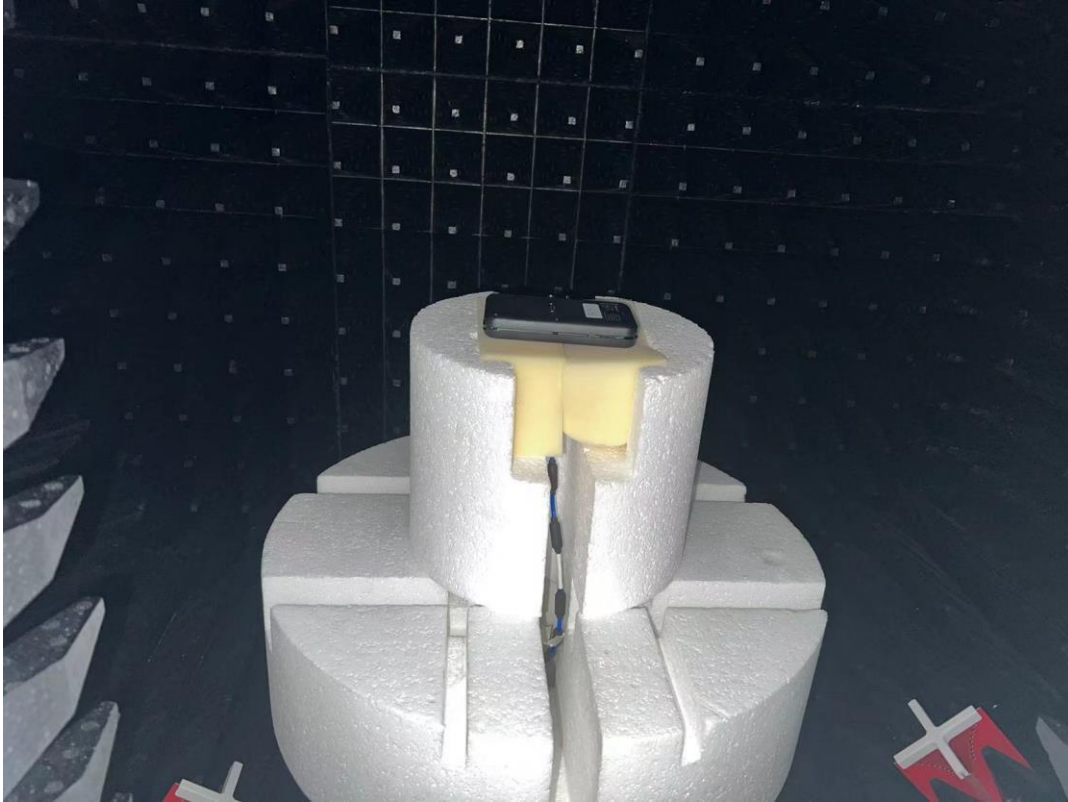
ANT 1



6 Sample Photo



7 Test Photo



8

END OF REPORT

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