
Antenna Gain Test Report

Project No.:

Client Name:

Client Address: /

Product Name:

Manufacture:

Antenna Type: PCB 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	/	2022.6.22	2022.6.22

2 Test Temperature and Humidity

Temperature: 24.5°C

Humidity: 58%

3 Test Result

ANT 1					
Frequency (MHz)	Efficiency (%)	Gain (dBi)			
2400	8.3550	-4.546017			
2402	8.4225	-4.543791			
2404	8.4847	-4.512736			
2406	8.5217	-4.475634			
2408	8.5421	-4.438618			
2410	8.5424	-4.402258			
2412	8.5296	-4.386994			
2414	8.5122	-4.395996			
2416	8.4890	-4.424939			
2418	8.4854	-4.442388			

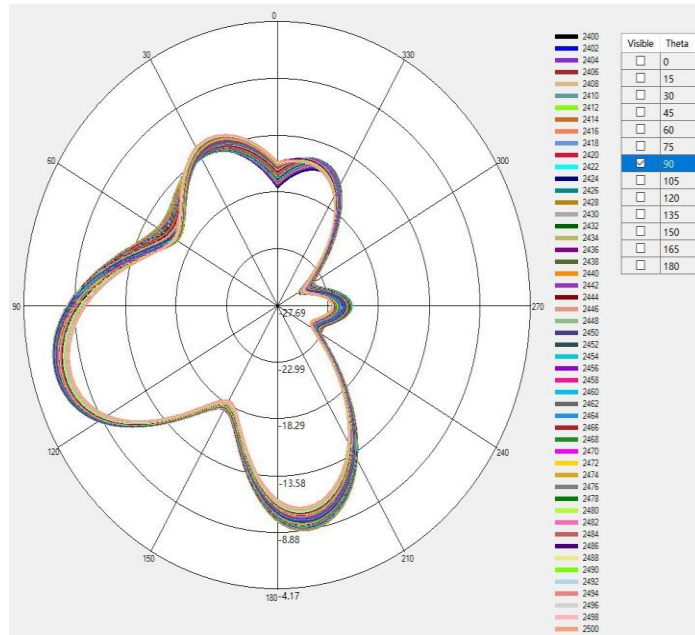
2420	8.4975	-4.455042			
2422	8.4896	-4.448542			
2424	8.4807	-4.434673			
2426	8.4648	-4.435735			
2428	8.4727	-4.423461			
2430	8.4768	-4.433677			
2432	8.4852	-4.431949			
2434	8.4932	-4.413294			
2436	8.5050	-4.391459			
2438	8.5170	-4.354240			
2440	8.5605	-4.299125			
2442	8.5804	-4.276314			
2444	8.5798	-4.260419			
2446	8.5450	-4.269830			
2448	8.4833	-4.303459			
2450	8.4140	-4.326310			
2452	8.3358	-4.350141			
2454	8.2556	-4.366578			
2456	8.1770	-4.387450			
2458	8.0674	-4.436644			
2460	7.9793	-4.483121			
2462	7.9080	-4.526637			
2464	7.8546	-4.560323			
2466	7.8118	-4.581742			
2468	7.7745	-4.596910			
2470	7.7619	-4.578210			
2472	7.7572	-4.559905			
2474	7.7518	-4.545996			
2476	7.7339	-4.541638			
2478	7.6944	-4.569833			
2480	7.6417	-4.602227			

2482	7.5423	-4.657470			
2484	7.4406	-4.712215			
2486	7.3394	-4.769648			
2488	7.2342	-4.824254			
2490	7.1349	-4.885739			
2492	7.0416	-4.955045			
2494	6.9626	-5.023256			
2496	6.8942	-5.079627			
2498	6.8358	-5.129167			
2500	6.7908	-5.157152			

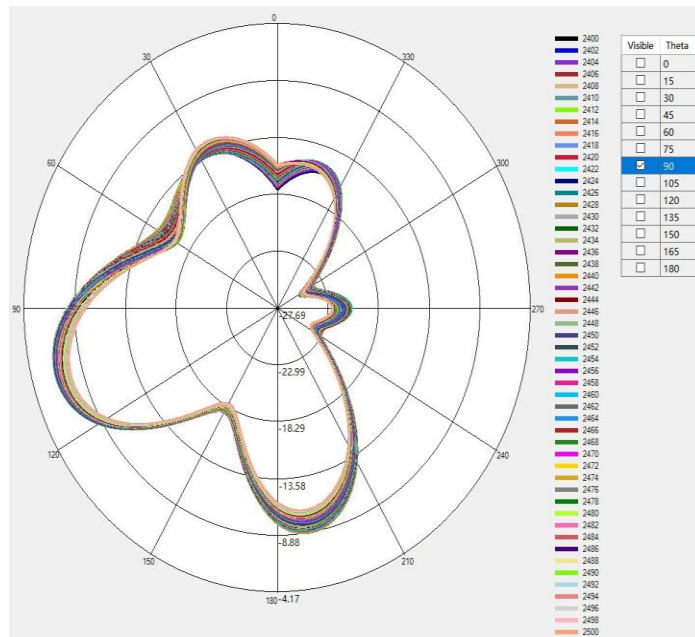
4 Polarization Pattern Photos

ANT 1

Horizontal Polarization (90°)

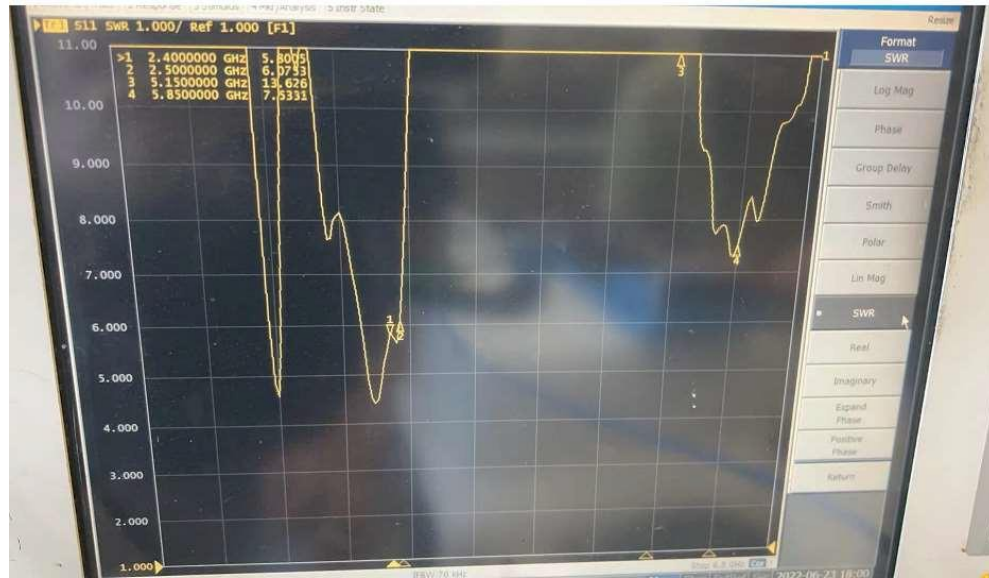


Vertical Polarization(90°)

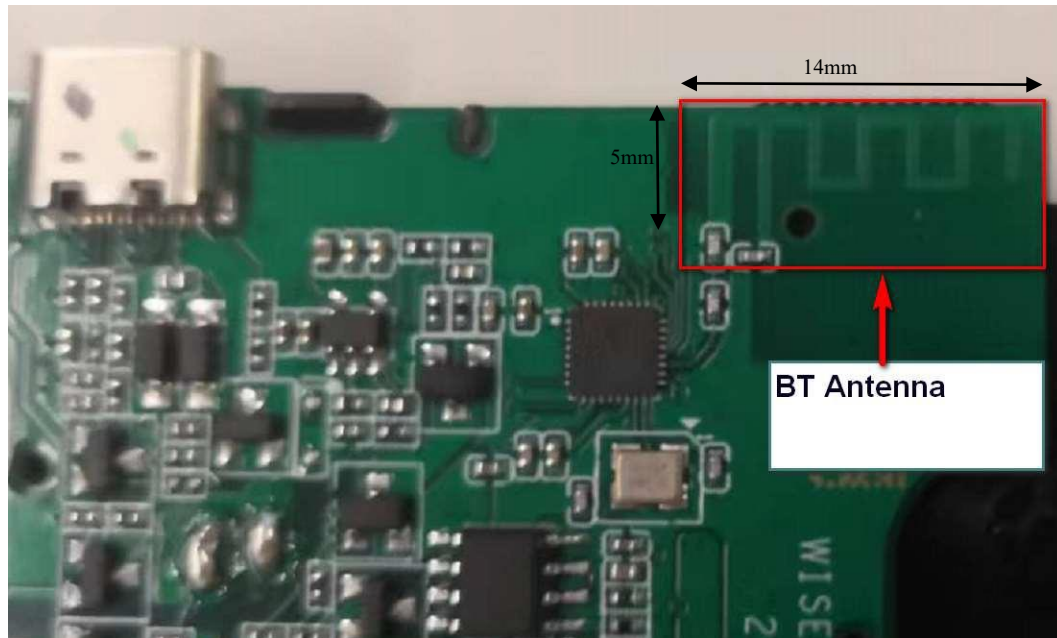


5 V.S.W.R

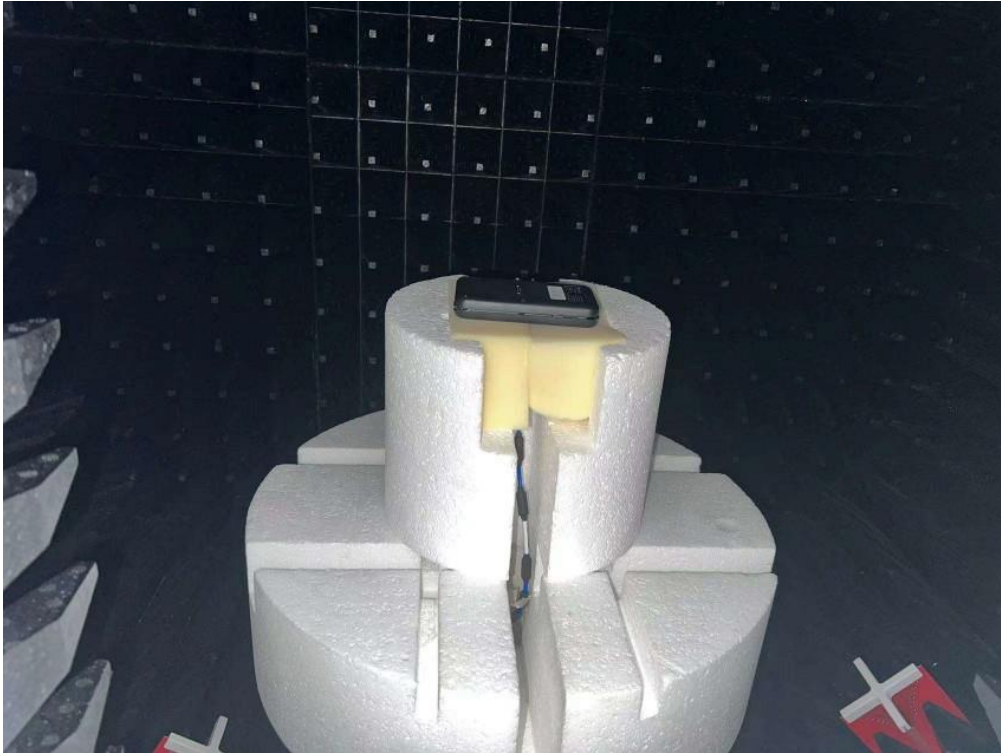
ANT 1



6 Sample Photo



7 Test Photo



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END OF REPORT

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