
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	20.2944	-2.565633			
2402	20.2900	-2.553003			
2404	20.2834	-2.521481			
2406	20.2286	-2.491737			
2408	20.1379	-2.465440			
2410	19.9905	-2.475814			
2412	19.8160	-2.501186			
2414	19.6173	-2.546815			
2416	19.4152	-2.587197			
2418	19.2623	-2.611672			

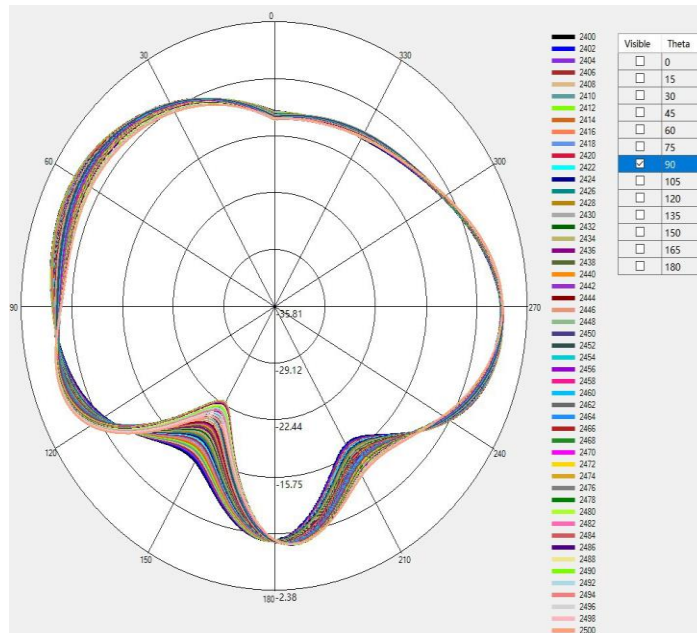
2420	19.1548	-2.613976			
2422	19.0363	-2.615843			
2424	18.9400	-2.621221			
2426	18.8578	-2.625860			
2428	18.8625	-2.631379			
2430	18.8811	-2.640771			
2432	18.9269	-2.647364			
2434	18.9917	-2.626424			
2436	19.0559	-2.593222			
2438	19.1150	-2.546345			
2440	19.2150	-2.501683			
2442	19.2620	-2.475819			
2444	19.2320	-2.485915			
2446	19.1073	-2.521373			
2448	18.9337	-2.571216			
2450	18.7432	-2.609052			
2452	18.5502	-2.641901			
2454	18.3747	-2.663753			
2456	18.2163	-2.695610			
2458	18.0167	-2.756721			
2460	17.8713	-2.812323			
2462	17.7800	-2.870063			
2464	17.7269	-2.915310			
2466	17.6993	-2.938080			
2468	17.6974	-2.943813			
2470	17.7413	-2.925787			
2472	17.8030	-2.896830			
2474	17.8671	-2.882260			
2476	17.9055	-2.874982			
2478	17.9230	-2.890376			
2480	17.9313	-2.903680			

2482	17.8666	-2.931699			
2484	17.8223	-2.946872			
2486	17.8140	-2.948835			
2488	17.8157	-2.954760			
2490	17.8394	-2.967194			
2492	17.8748	-2.926297			
2494	17.9327	-2.875051			
2496	17.9951	-2.830445			
2498	18.0759	-2.778171			
2500	18.1713	-2.732649			

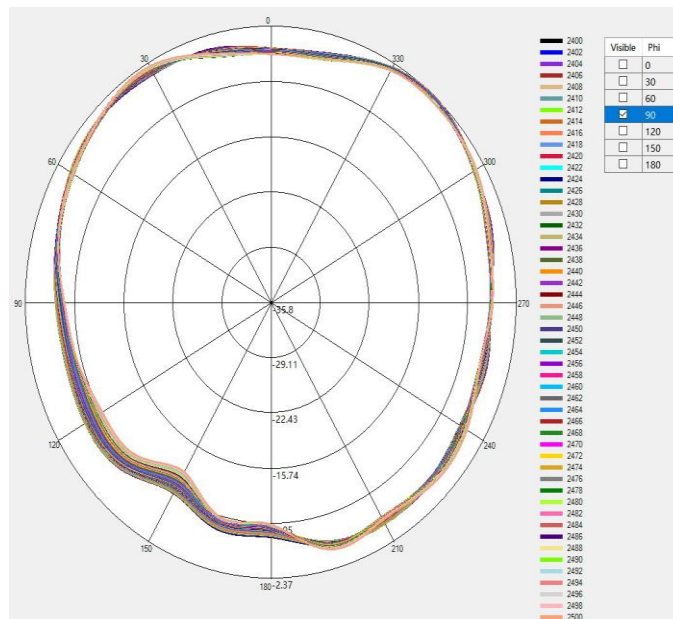
4 Polarization Pattern Photos

ANT 1

Horizontal Polarization (90°)

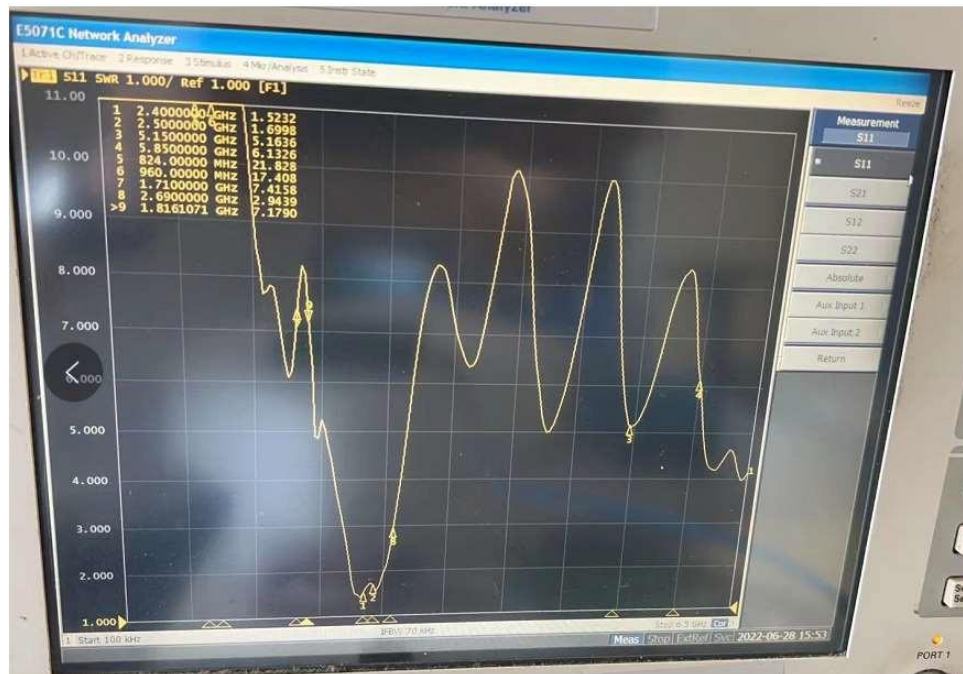


Vertical Polarization(90°)

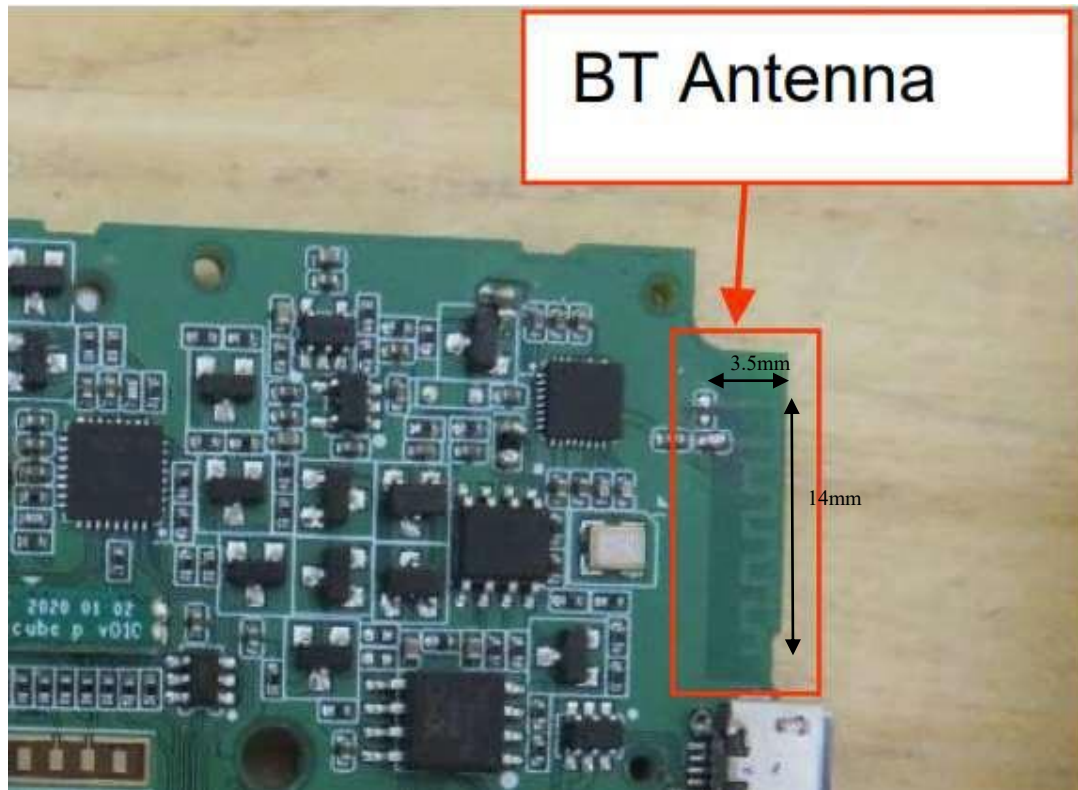


5 V.S.W.R

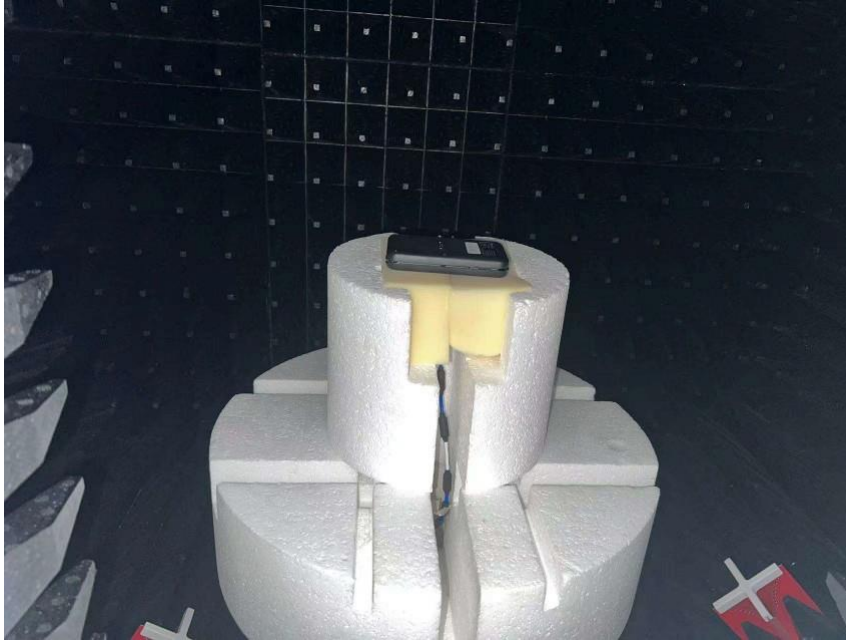
ANT 1



6 Sample Photo



7 Test Photo



END OF REPORT

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