

Antenna Test Report

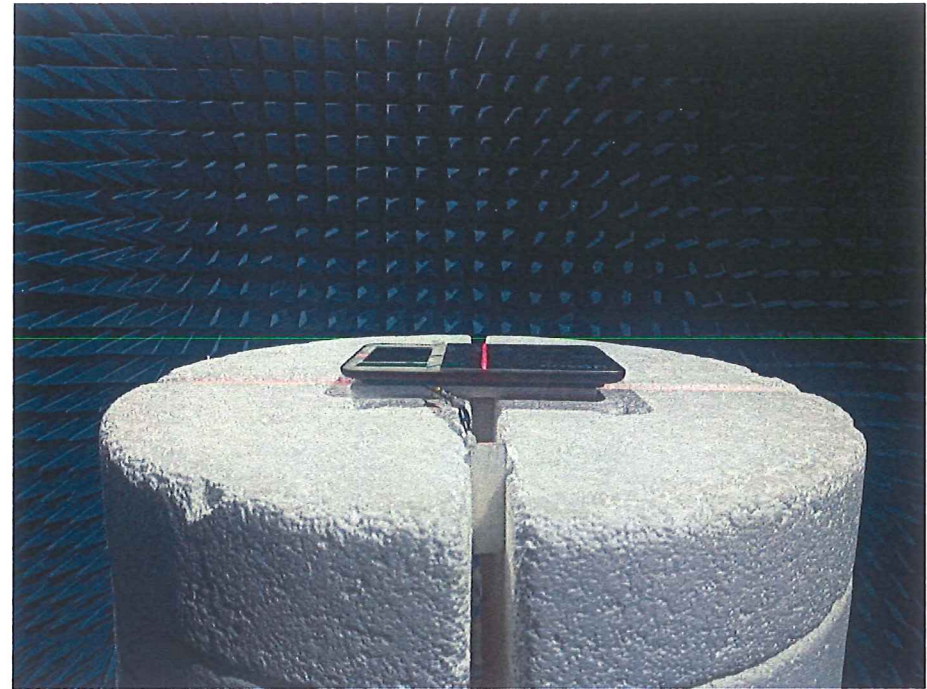
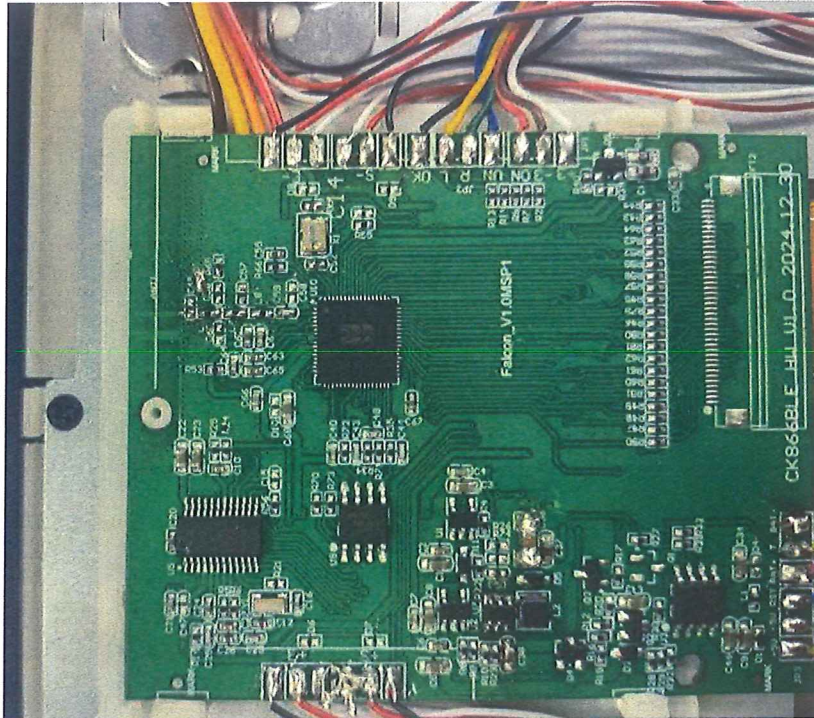
Product Information			
Client	Arovast Corporation 1775 Flight Way, Suite 150 Tustin, CA 92782, USA	Protocol	Ble
Product Description	Falcon	Sample Quantity	1pcs
Model Type	BK7256	Sampel Version	TR4
Sample Picutres			

Prepared By	MORLAB LABORATORY				
Adress	F1, Building A, FeiYang Science and Technology Park, No.8, Longchang Rd., Baoan District, Shenzhen, Guangdong Province, China				
TEL	36698555				
Test Data	2025.01.16				
Tester	RuJie Mao		Auditor	Shide Chi.	

Equipent	Manufacturer	Type	Serial Number	Calibration Date	Effective Date
Network Analyzer	Aglient	E5071C	MY46110140	2024.05.30	2025.05.29

Dark Room	ETS	AMS-8923-150	TJ2235-Q1793	2022.11.30	2025.11.29
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Antenna Test Photo



Test Data

SVN



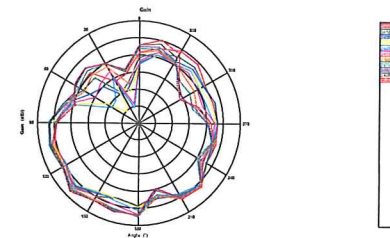
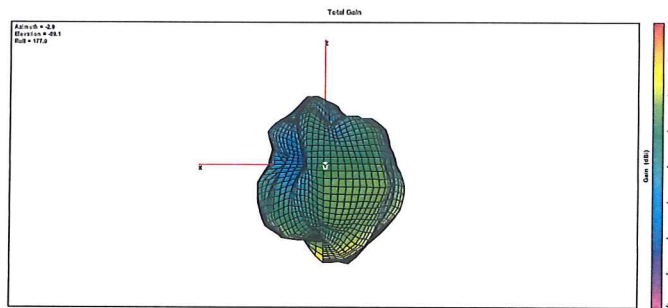
Efficiency & Gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)	Efficiency (dB)
2400	0.5	14.0	-8.6
2410	0.5	13.2	-8.8
2420	1.0	12.5	-9.0
2430	1.3	12.3	-9.1
2440	1.4	12.7	-9.0
2450	1.2	13.5	-8.7
2460	0.9	13.9	-8.6
2470	0.4	13.3	-8.7
2480	-0.1	12.9	-8.9
2490	-0.4	12.9	-8.9
2500	-0.5	13.5	-8.7

Test Data

3D (2450MHz)

$\theta = 90^\circ$ (XY Plane)



$\varphi = 0^\circ$ (XZ Plane)

$\varphi = 90^\circ$ (YZ Plane)

