



catalogue

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Shenzhen Yingjiachuang Electronic Technology Co., Ltd.

<http://www.szsyjc.com>

APPROVAL SHEET

承认书

CUSTOMER NAME 客户名称	QUALVISION TECHNOLOGY CO., LTD	
CUSTOMER P/N 客户料号		
PART NAME 品 名		
P/ N 料 号	YJC-6N075-B128	
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Resume:

version	Change content and reason for change	Date	issue
A/0	First Edition	August 12, 2026	



Antenna technical parameters and environmental testing:

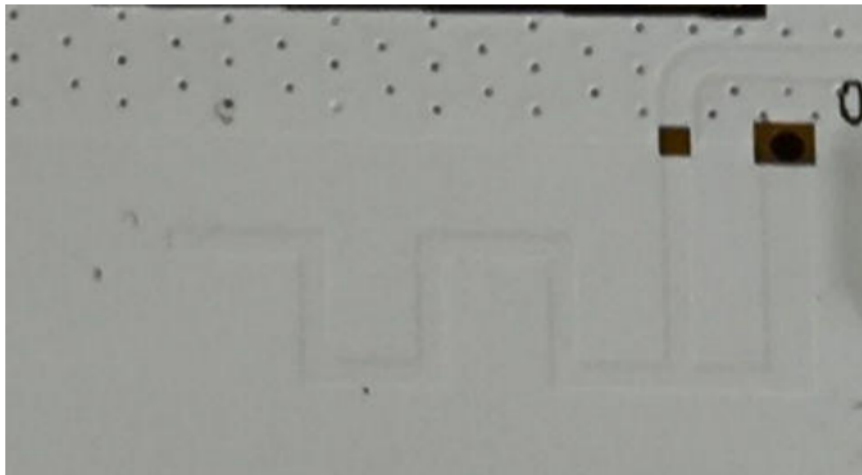
Electrical technical parameters			
Electrical Performance Indicators		Electrical Specifications	
frequency range	2400-2500MHz	Frequency Range	2400-2500MHz
Voltage Standing Wave Ratio	<1.92	VSWR	<1.92
input impedance	50 Ω	Input Impedance	50 Ω
direction	omnidirectional	Direction	All
gain	2.0±1dBi	Gain	2.0±1dBi
Mechanical indicators		Mechanical Specifications	
Operating Temperature	-30℃~+80℃	Working Temperature	-30℃~+80℃
Operating Humidity	20%~80%	Working Humidity	20%~80%

Environmental performance testing:

project	test conditions	Specification
storage environment	The temperature, humidity, and air pressure were tested without specific instructions as follows: 1. Temperature range: -20 ℃ ~ + 70 ℃ 2. Relative humidity is between 45 % and 85 % 3. The air pressure ranges from 86kPa to 106kPa	The electrical and mechanical properties are normal
Low temperature storage test	Temperature: -30 ℃ ± 2 ℃ , Storage duration: 48 hours	The electrical and mechanical properties are normal
High-temperature storage test	Temperature: + 80 ℃ ± 2 ℃ , Storage duration: 48 hours	The electrical and mechanical properties are normal
Simulated transportation vibration test	Test speed: 150 RPM ; Test duration: 95 minutes ;	The electrical and mechanical properties are normal
drop test	Free fall from a height of 1 meter in three mutually perpendicular axial directions	The electrical and mechanical performance is normal



Physical image of antenna:



Antenna performance test diagram:

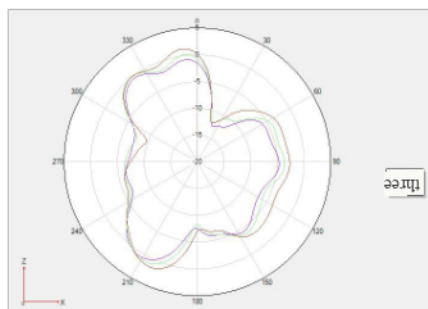




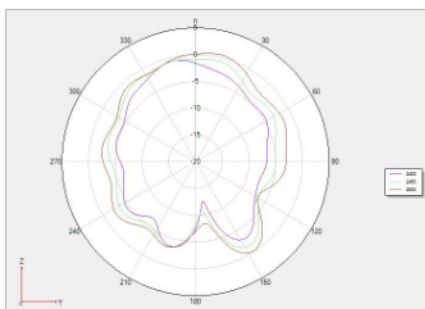
2D and 3D test data (2.4G):

Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	40.08	2.19
2410MHz	39.89	1.99
2420MHz	42.73	2.24
2430MHz	42.9	2.13
2440MHz	43.36	2.2
2450MHz	44.59	2.49
2460MHz	45.46	2.68
2470MHz	45.35	2.5
2480MHz	46.98	2.58
2490MHz	47.31	2.79
2500MHz	46.64	2.63

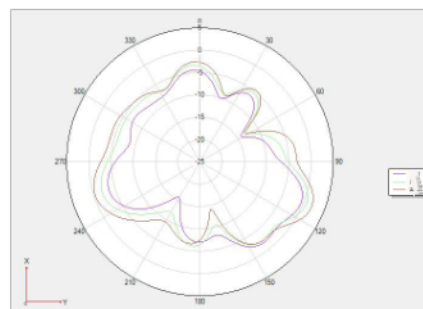
Phi 0 2D



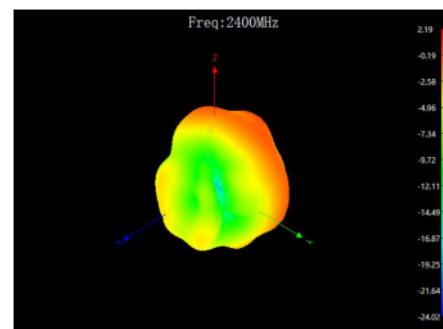
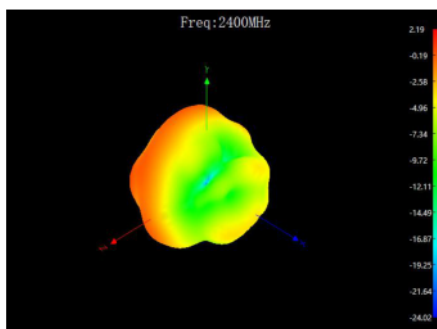
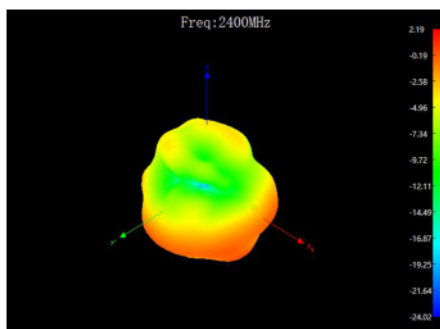
Phi 90 2D



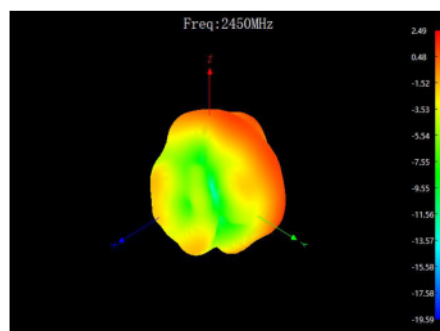
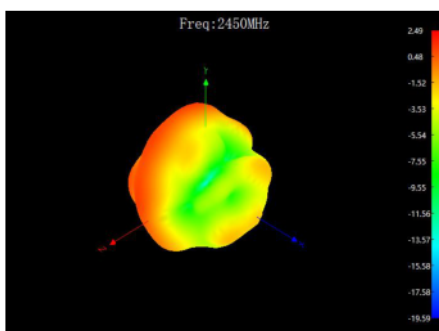
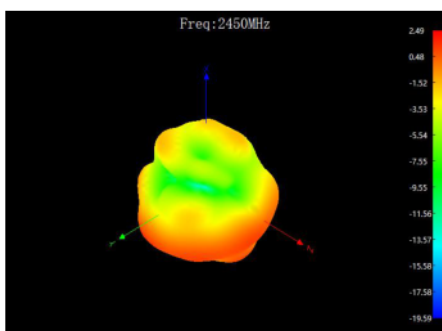
Theta 90 2D



3D 2400:



3D 2450:





3D 2500:

