

Antenna Specification

(天线规格书)

Date:2024-03-21

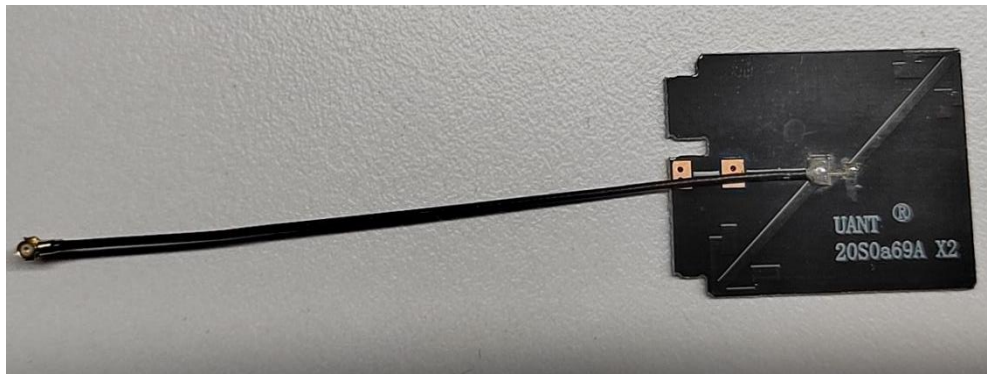
Manufactured: Ecoflow

TEST lab: Shenzhen Morlab Communications Technology Co., Ltd.

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TEST Engineer: Devyn Deng

1. Photograph of Antenna (天线外观照片)

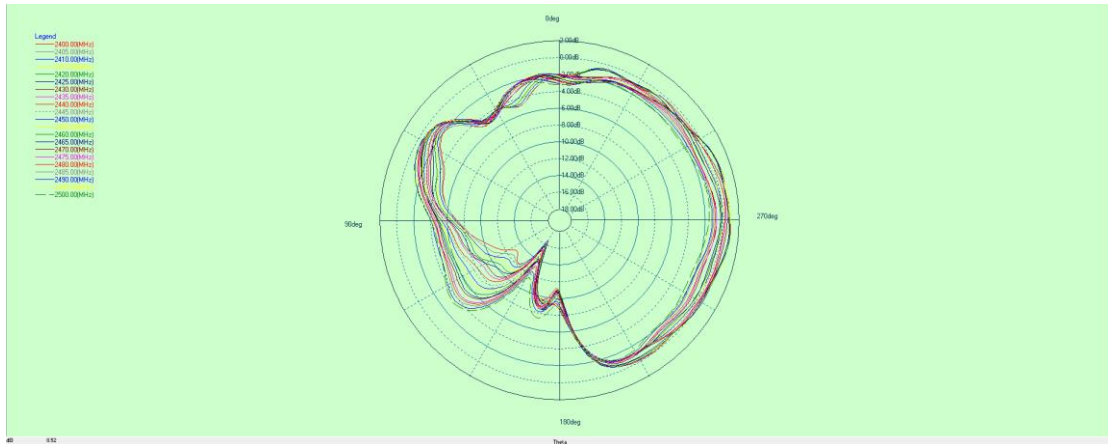


2. Antenna Electrical Specification (天线性能指标)

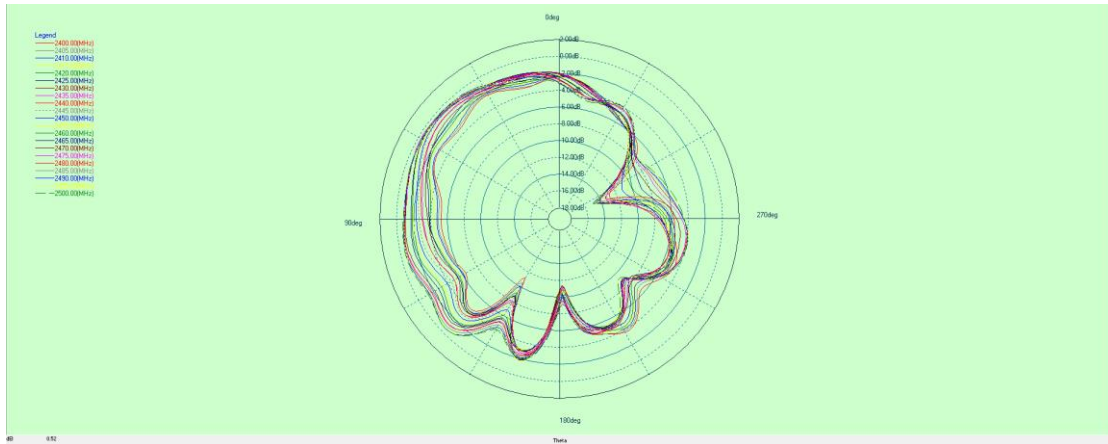
FREQ	2.4~2.5GHz
GAIN	1.6dBi
VSWR	<2
IMPEDANCE	50 ohm
POLARIZATION	LINEAR
Type:	PCB Antenna
MANUFACTURE	EcoFlow

3. Pattern and Gain (方向图和增益测试)

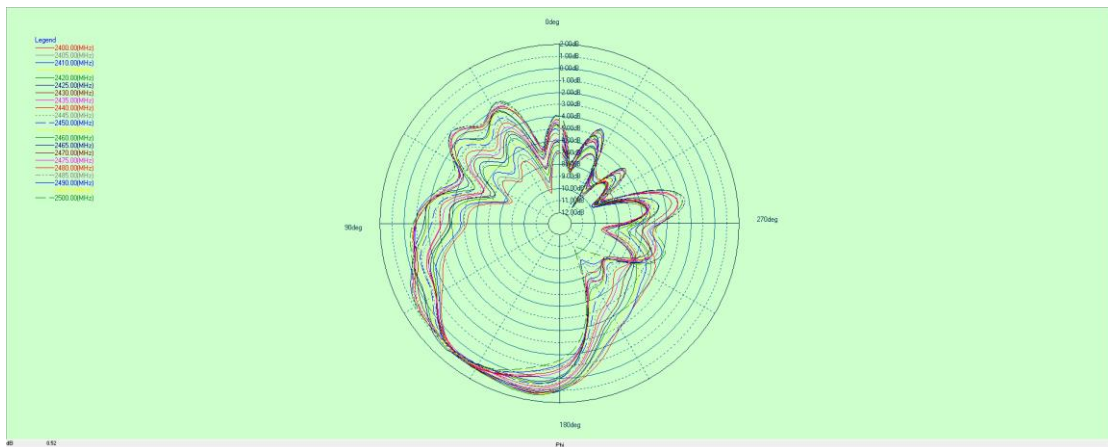
PHI=0DEG



PHI=90DEG



THETA=90DEG



4. Gain and efficiency (增益效率)

WIFI		
频率	增益 (dBi)	效率
2400MHz	1.38	46.03%
2405MHz	1.46	46.28%

2410MHz	1.50	46.65%
2415MHz	1.55	46.87%
2420MHz	1.60	46.71%
2425MHz	1.31	46.53%
2430MHz	1.10	46.10%
2435MHz	0.99	46.04%
2440MHz	0.82	46.06%
2445MHz	0.85	46.70%
2450MHz	0.79	46.84%
2455MHz	0.94	47.70%
2460MHz	1.06	48.38%
2465MHz	1.16	48.37%
2470MHz	0.90	48.79%
2475MHz	0.93	50.31%
2480MHz	0.92	49.63%
2485MHz	0.87	49.41%
2490MHz	0.97	50.25%
2495MHz	1.04	49.82%
2500MHz	1.06	49.60%