

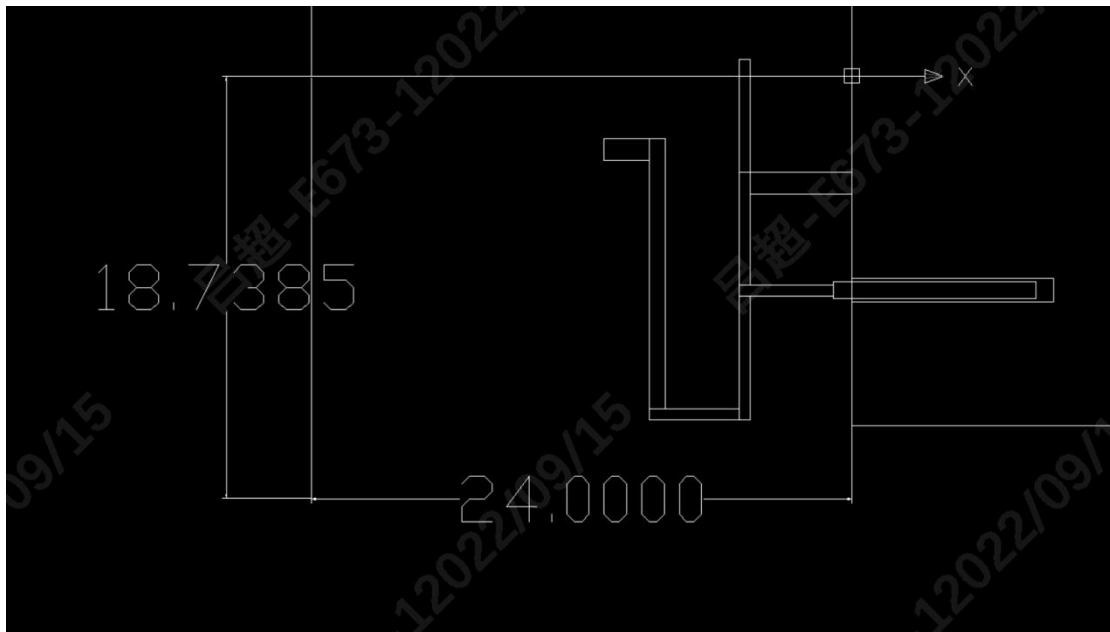
Antenna Measurement Report

(天线测试报告)

Model: ANT on board
Date:2022-09-15
Manufactured: Ecoflow
TEST: morlab

1. Photograph of Antenna (天线外观照片)

2D



3D

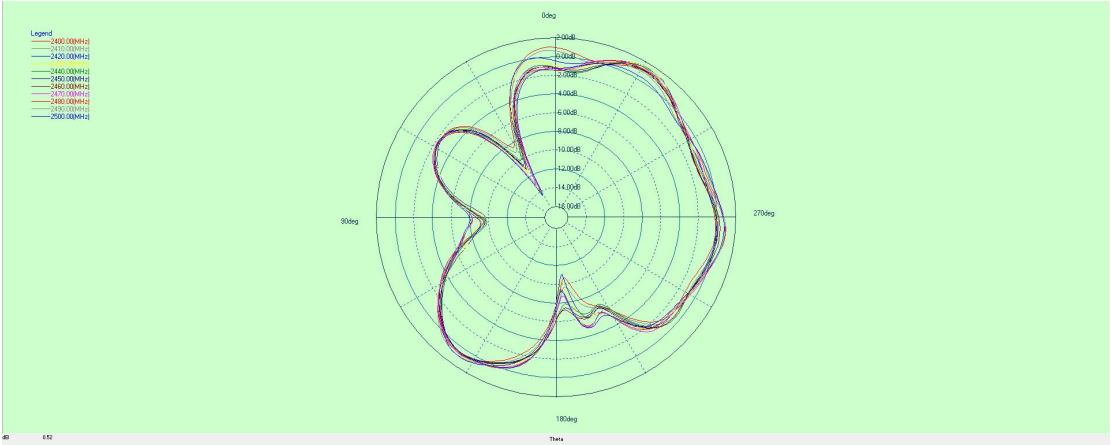


2. Antenna Electrical Specification （天线性能指标）

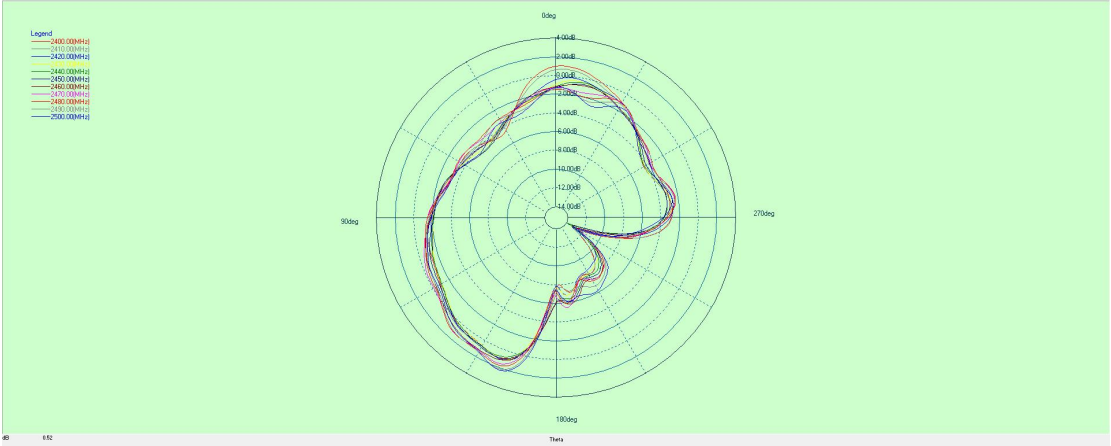
FREQ	2.4~2.483GHz
GAIN	2.5dBi
VSWR	<2
IMPEDANCE	50 ohm
POLARIZATION	LINEAR
MANUFACTURE	EcoFlow

3. Pattern and Gain （方向图和增益测试）

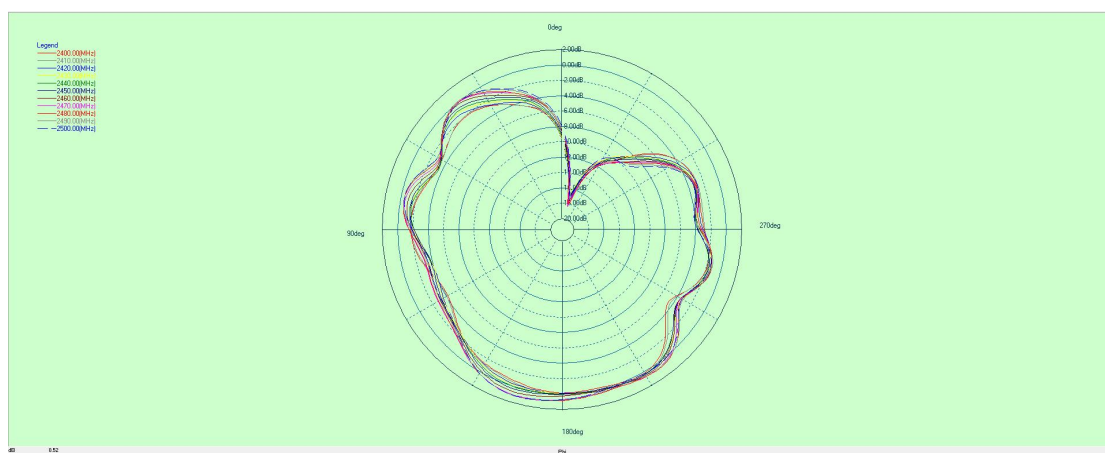
PHI=0DEG



PHI=90DEG



THETA=90DEG



4. Gain and efficiency (增益效率)

WIFI		
频率	增益 (dBi)	效率
2400MHz	1.23	59.96%
2410MHz	1.57	61.37%
2420MHz	1.75	62.18%
2430MHz	1.73	62.39%
2440MHz	1.80	61.71%
2450MHz	1.70	62.55%
2460MHz	1.67	65.33%
2470MHz	2.50	68.65%
2480MHz	1.99	68.25%
2490MHz	2.17	67.22%
2500MHz	2.25	65.01%