

ANT Test Report

Applicant : Vesync

Sample Name : Ta Shan

Model : ESP32-C3-SOLO-1

Logo : NA

Brand : NA

Executive Standard : GB/T 9410-2008

Test Data : 2023-07-26

Sign Data : 2024-07-28

1. Test Equipment Information

1.1 Hardware list

Equipent	Manufacturer	TYPE	Serial Number	Calibration Date	Effective Date
Network Analyzer	Aglient	E5071C	RFI-LAB-RF-D00	2021.03.22	2024.05.29
Dark Room	GTS	KEYSIGHT	Ray-zone5000	2022.05.13	2024.11.29

2. Test Result

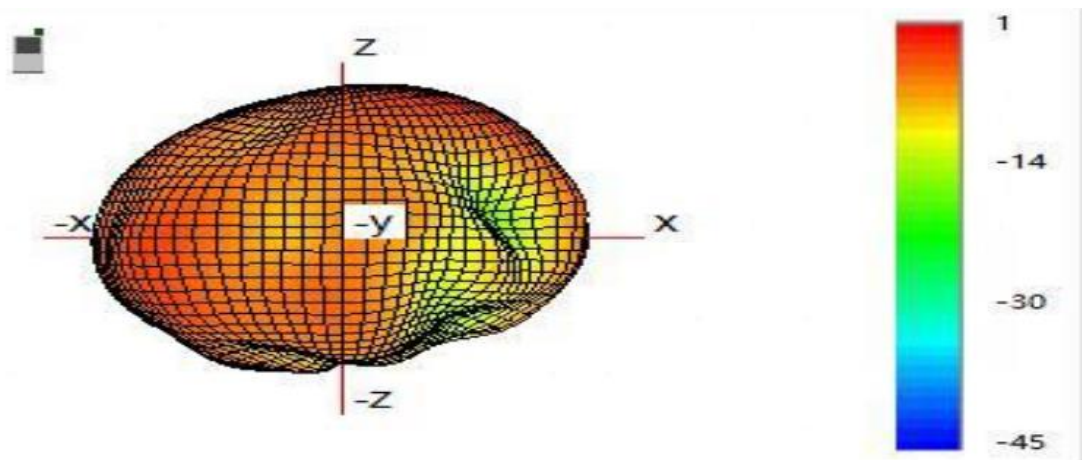
2.1 Efficiency & Gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	-0.97	27.6
2410	-0.97	28.1
2420	-0.74	29.2
2430	-0.26	30.5
2440	-0.04	31.5
2450	0.09	32.6
2460	0.2	33.8
2470	0.2	34.2
2480	0.04	33.3
2490	0	33.5
2500	-0.19	33.8
MIN	-0.97	27.60
MAX	0.20	34.20
AVG	-0.24	31.65

2. Test Result

2.2 Radiation Pattern

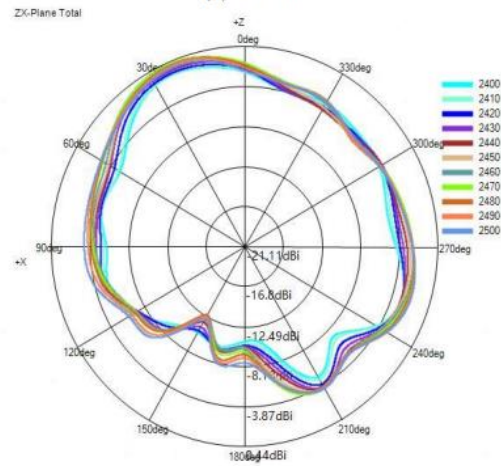
3D



2450MHz

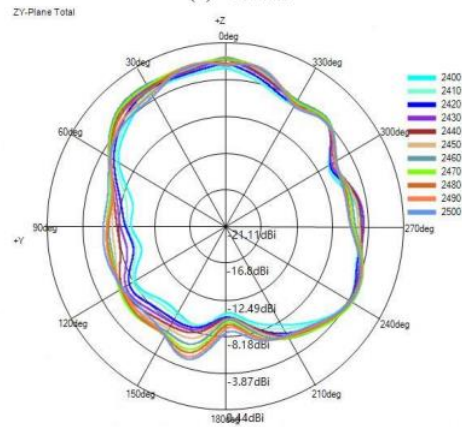
2D

(1) X-Z 面:

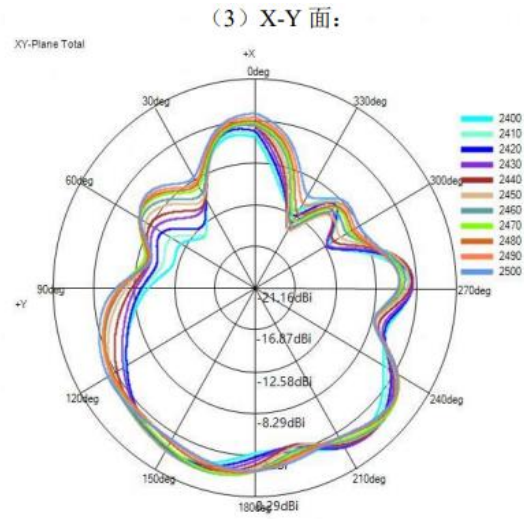


$\Phi = 0^\circ$

(2) Y-Z 面:



$\Phi = 90^\circ$



Theta=90°