

ANT Test Report

Applicant : Vesync

Sample Name : Smore

Model : ESP32-C3-SOLO-1U

Logo : NA

Brand : NA

Executive Standard : GB/T 9410-2008

Test Data : 2024-03-26

Sign Data : 2024-03-29



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

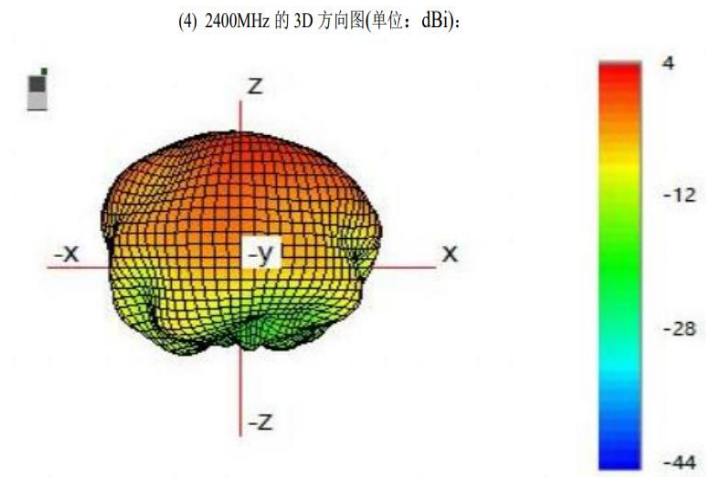
2.1 Efficiency & Gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	3.35	36.8
2410	3.21	36.3
2420	3.09	36
2430	3.1	36.1
2440	3.16	36.5
2450	3.22	37.2
2460	3.23	37.6
2470	3.22	37.7
2480	3.13	37.2
2490	3.04	36.3
2500	2.84	35.2
MIN	2.84	35.20
MAX	3.35	37.70
AVG	3.14	36.63

2. Test Result

2.2 Radiation Pattern

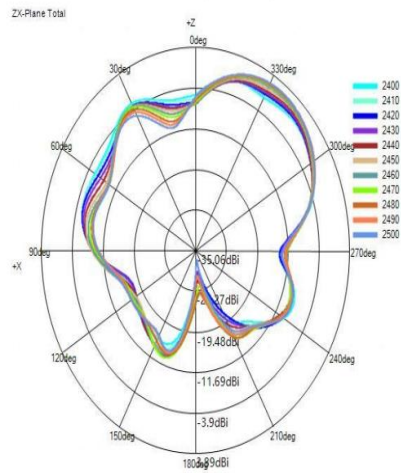
3D



2450MHz

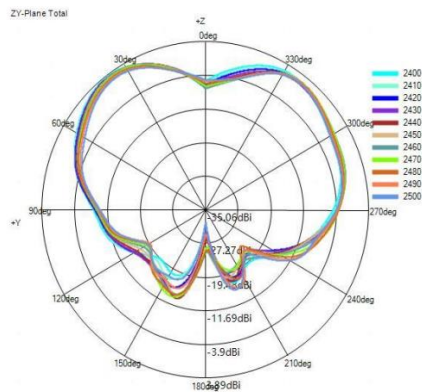
2D

(1) X-Z 面(单位: dBi):

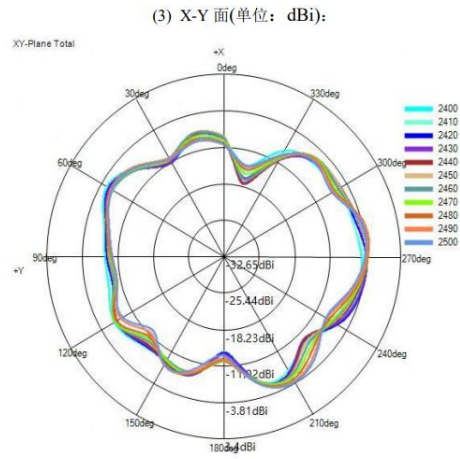


$\Phi=0^\circ$

(2) Y-Z 面(单位: dBi):



$\Phi=90^\circ$



Theta=90°