

## 奥尼 E96TJE8项目天线调试报告

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报告版本: 20241120V01

提供有竞争力的射频解决方案和服务，持续为客户创造最大价值

The model of antenna: HJH2C524A-A0

Type of antenna: FPC antenna

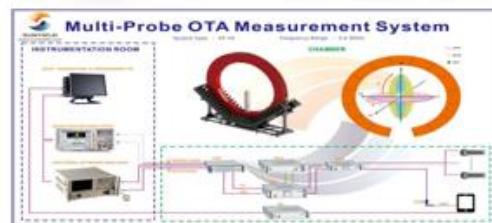
Manufacturer: Hongji Wireless Communication (Shenzhen) Co., LTD

12th Floor, West B, Building 8, Huaqiang Creative Industry Park, Guanshang Road, Guangming District, Shenzhen City China

Laboratory development environment:



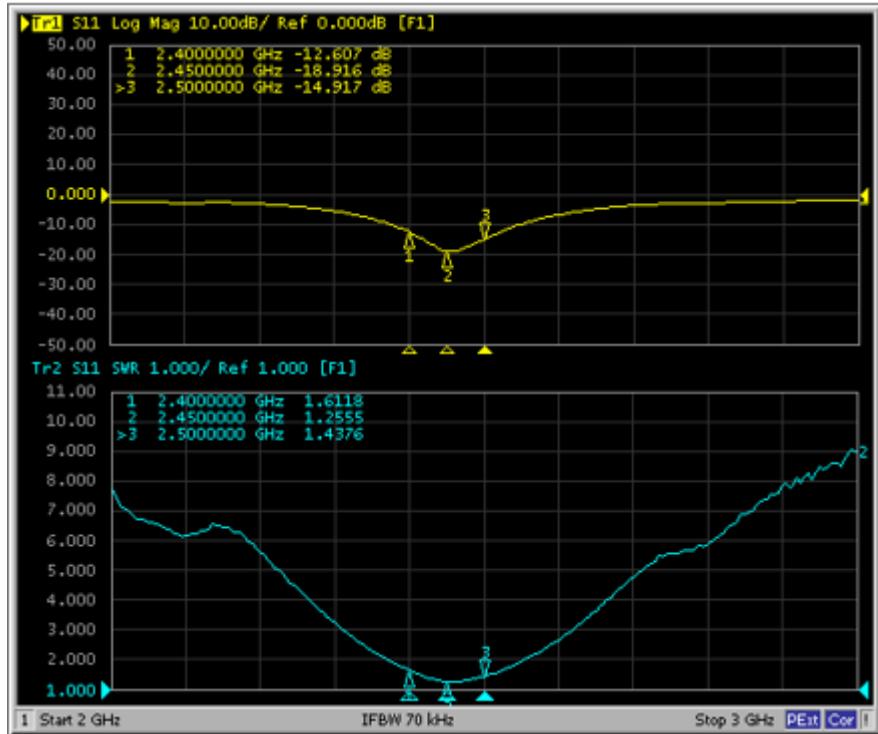
测试项目	测试设备
S11、S12、VSWR、LOSS	网络分析仪E5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	SG24-L(4m*4m*4m)暗室、OT5*4*3暗室、E5071B、二代头模
TRP、TIS	SG24暗室、OT5*4*3暗室、8960、CMW500、二代头模



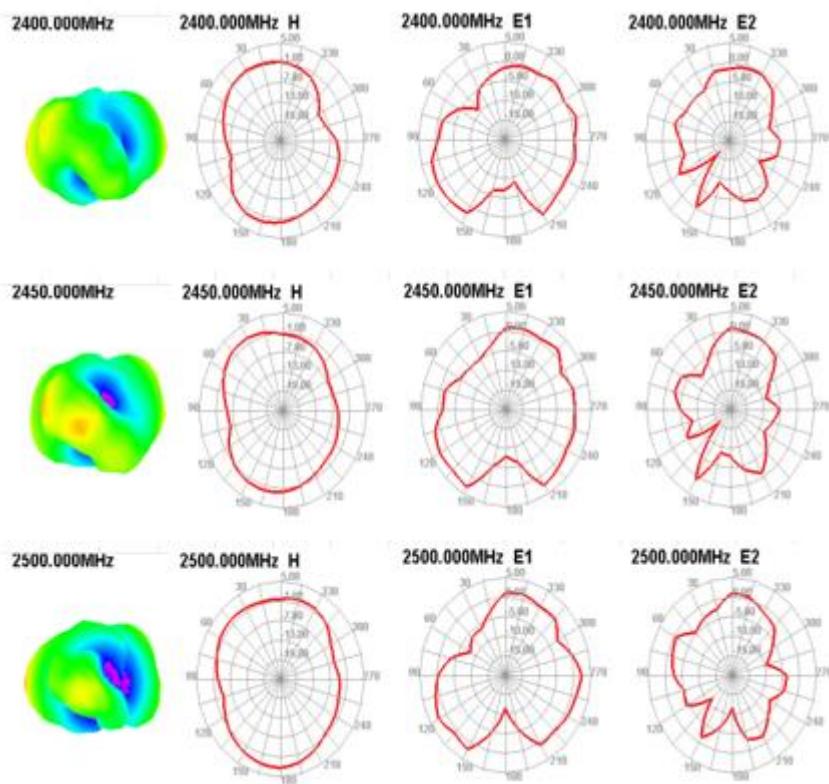
Product diagram



Network distribution diagram:



## 2D and 3D direction diagrams



## Test data

Frequency(MHz)	Gain(dBi)	Efficiency (%)
2400	3.25	62.26
2410	3.31	63.15
2420	3.43	64.37
2430	3.46	65.27
2440	3.53	66.82
2450	3.67	67.66
2460	3.53	65.34
2470	3.41	63.28
2480	3.39	62.54
2490	3.26	60.13
2500	3.17	59.04

## Active Measurement Report

Item	Manufacturer	Model										
		Tester	Measurement	Azimuths	Elevations	Standard	Band	Channel	Frequency	MaxValue	TIS	TRP
1	Cmw500	Tis_with_Eirp	Every30	Every30	WIFI_B	B_11M	1	2412	-82.99	-76.87	17.88	
2	Cmw500	Tis_with_Eirp	Every30	Every30	WIFI_B	B_11M	6	2437	-84.52	-78.41	17.74	
3	Cmw500	Tis_with_Eirp	Every30	Every30	WIFI_B	B_11M	13	2472	-86.41	-80.27	17.88	