



Customer	合齐芯
Project	X5
Antenna Revision	A0
Prepared by	18814303605
Checked by	
Date :	2026. 09. 09

2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5071B
OTA Test	TRP&TIS	Agilent 8960 & CMW500 STIMO
Gain & Efficiency	Gain & Efficiency	SATIMO Agilent 5071C



Purpose

This report is to measure the performance of antenna for **X5** The antenna operating frequency at 2400MHz0-2500MHz 。 All test data are showed as below.

Content

1. Product Overview & Dimension

2. Test system

3. OTA Data

3.1 2D Pattern

Manufacturer: Shenzhen Helixun Technology Co., Ltd

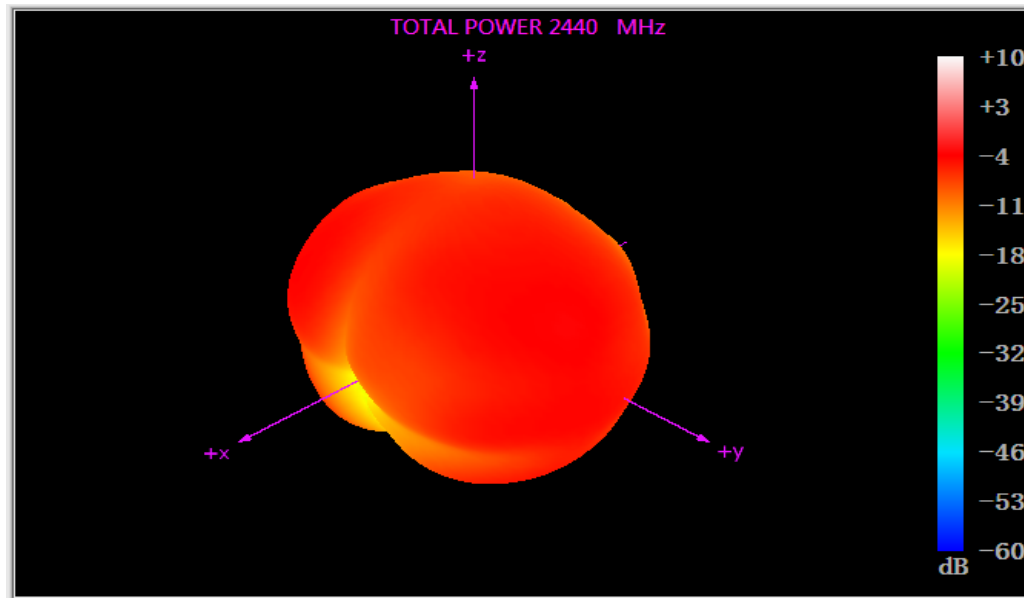
Address: 1004, Building 1, Jinhuan Yu Building, No. 56, Tiezi Road, Gongle Community, Xixiang Street, Bao'an District, Shenzhen

样机外观

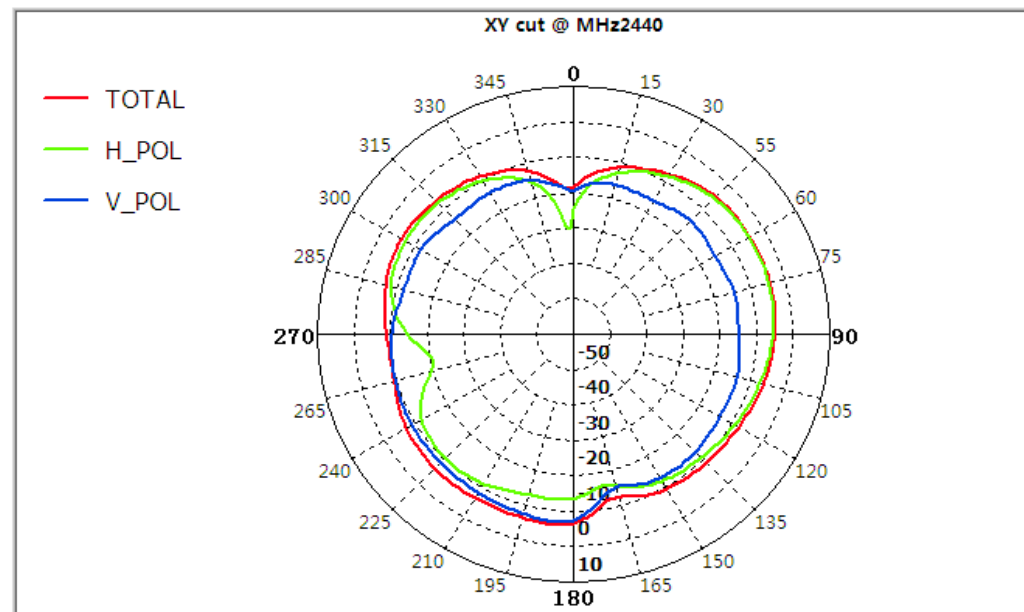


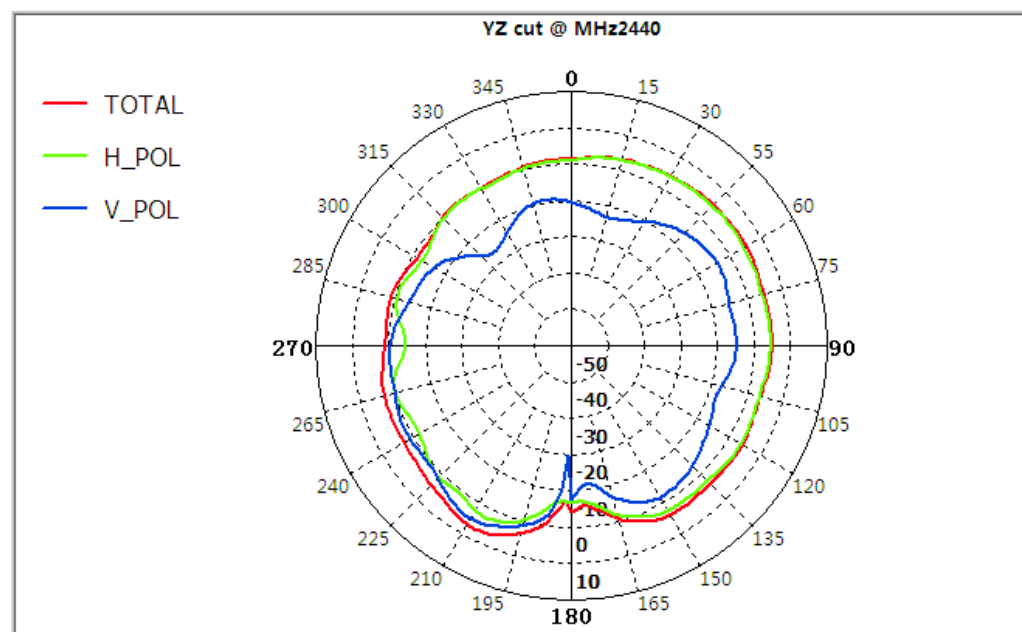
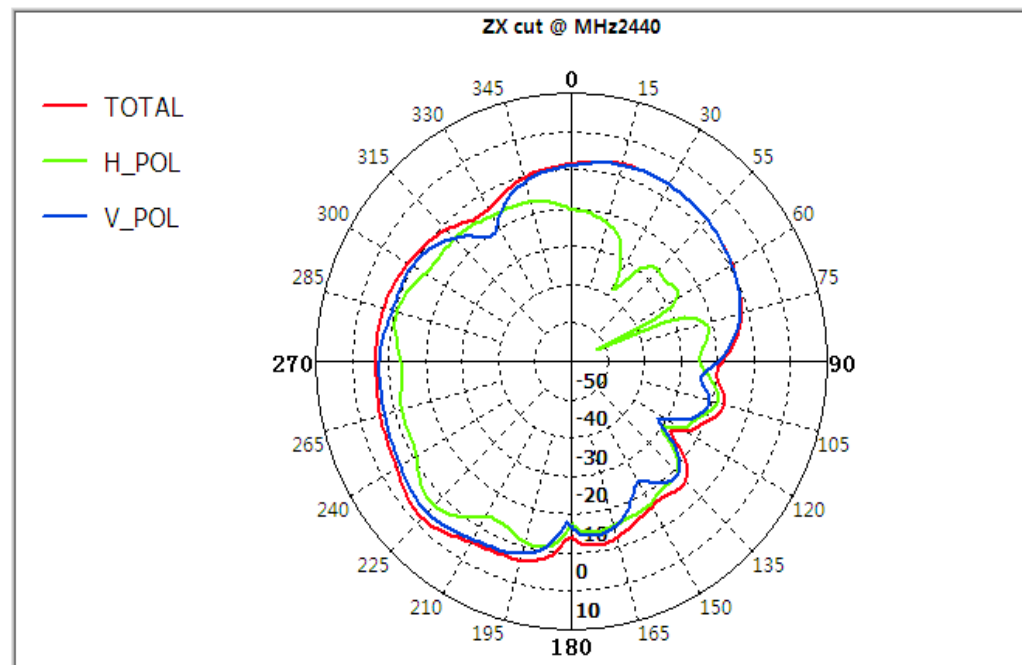
3. OTA Data

Gain	1.5dBi		
Test Equipment: 1	R&S CMW500		
Test Condition:	3D chamber		
Band	Channel	TRP(dBm)	TIS(dBm)
BT-1号	0	-4.43	-82.91
	39	-4.82	-80.52
	78	-5.50	-83.01



Antenna polarization direction

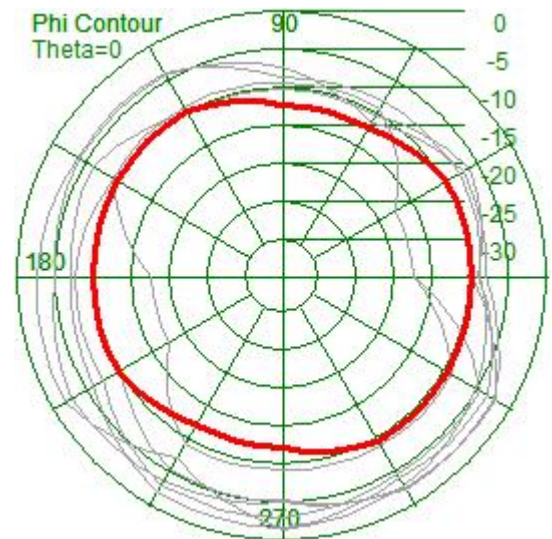
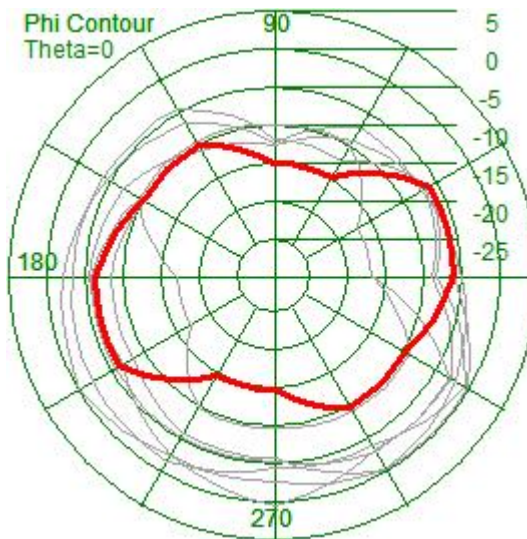
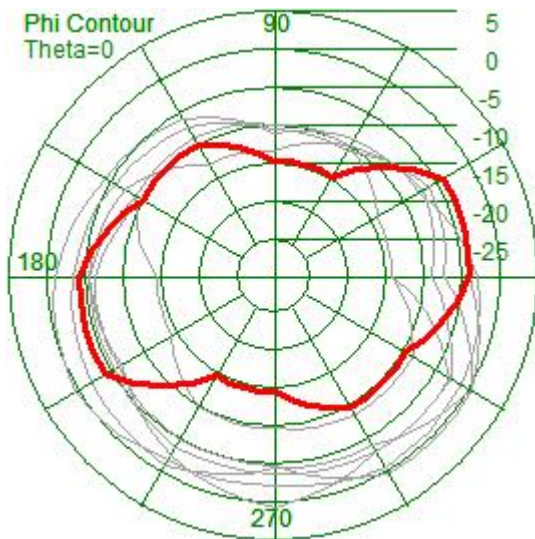
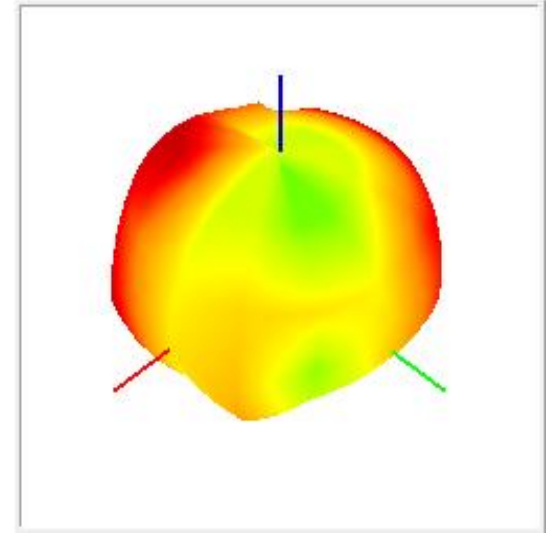
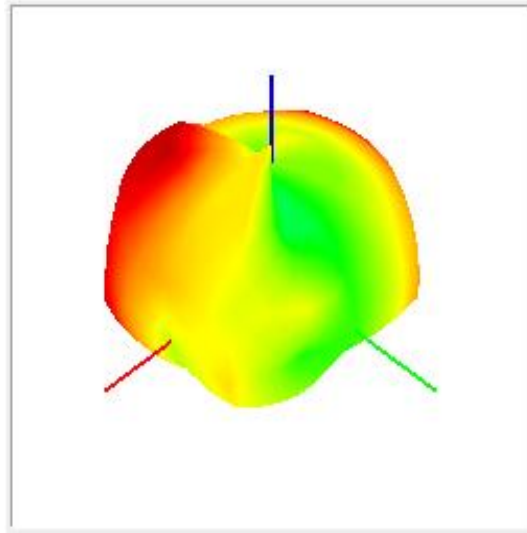
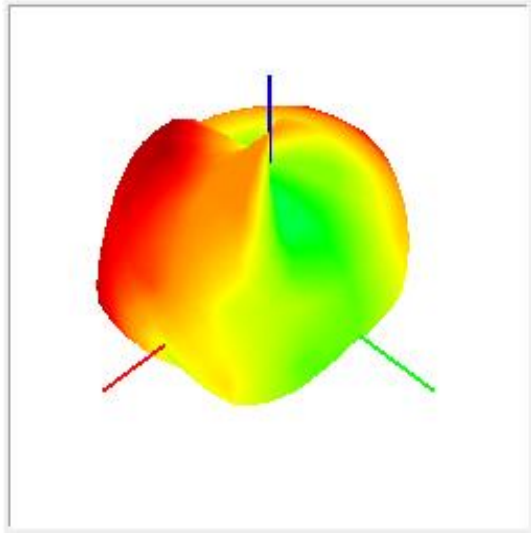




4. Test Result

TRP

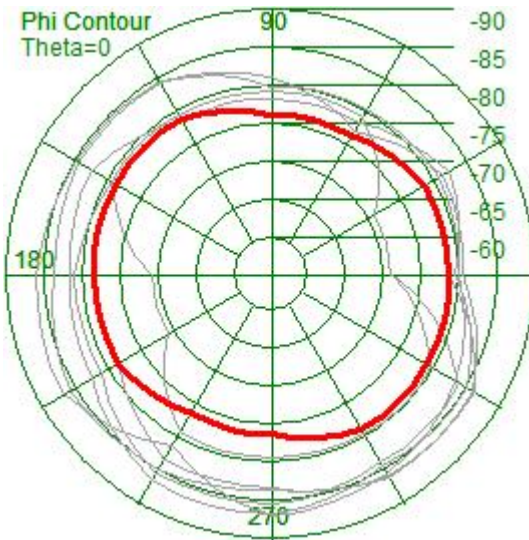
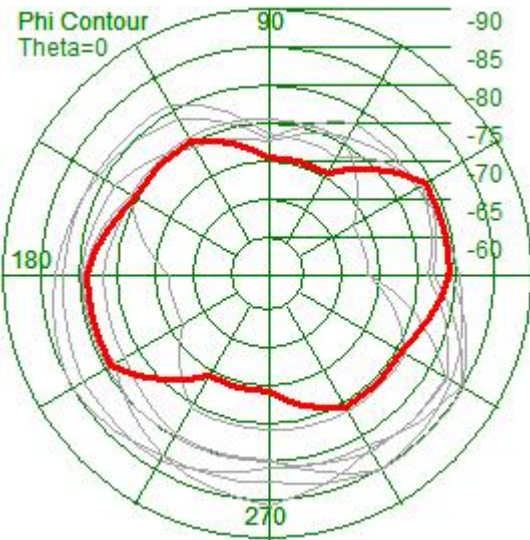
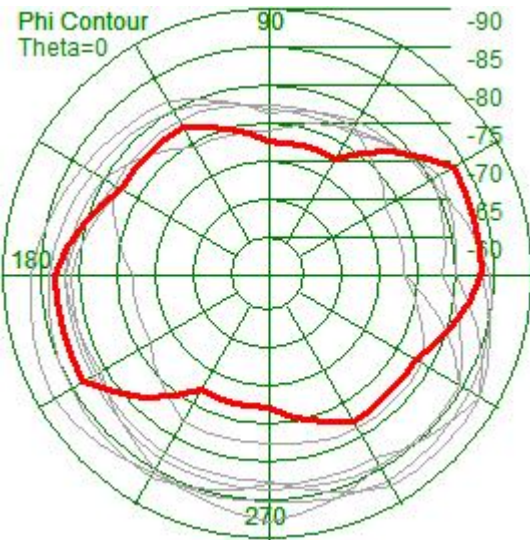
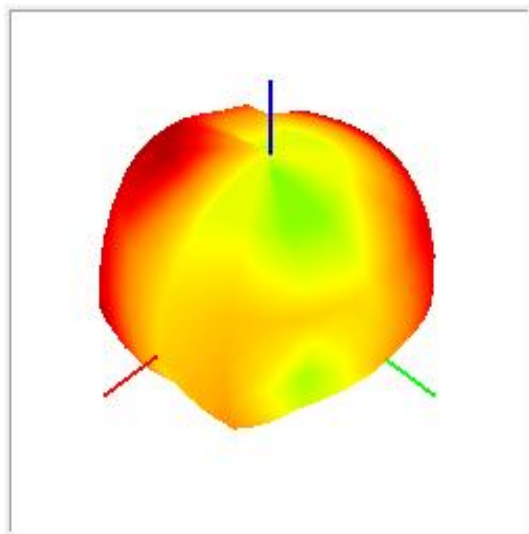
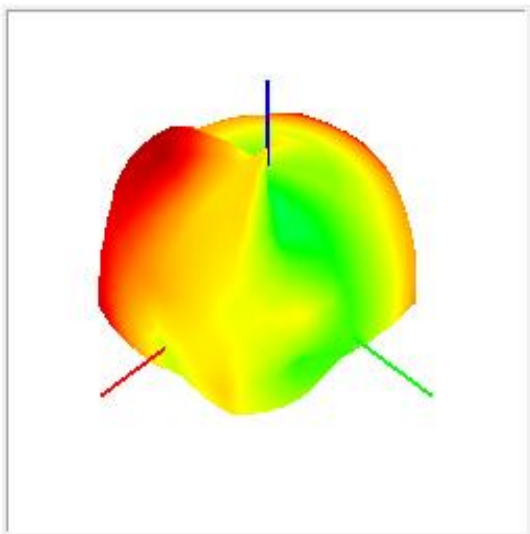
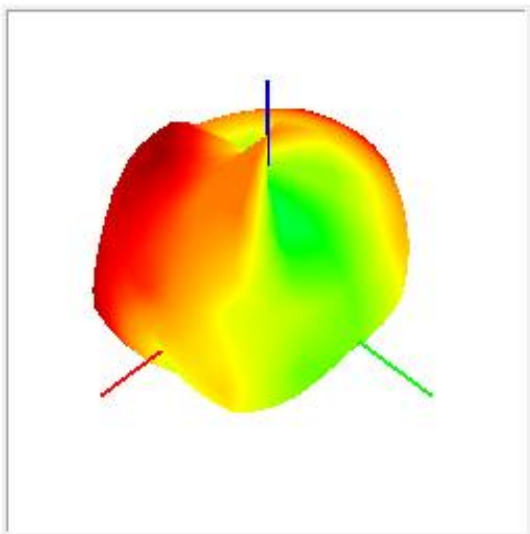
4.1 2D Pattern——**BTANT**



4. Test Result

TIS

4.1 2D Pattern——BTANT



Thank you!