

AX7386A Antenna Product Specification

Entry Name	AX7386A
Frequency Channel	3IN1 (WIFI&BT&GPS): WIFI: 2.4G&5G; BT: 2.4G; GPS: 1.575GHz
Supplier Name	INNOWAVE (3IN1): Kunshan Innowave Communication Techonolgy Co.Ltd Address: 12A, 1500, Zuchong Road, Pudong New Area, Shanghai

A. Test software name

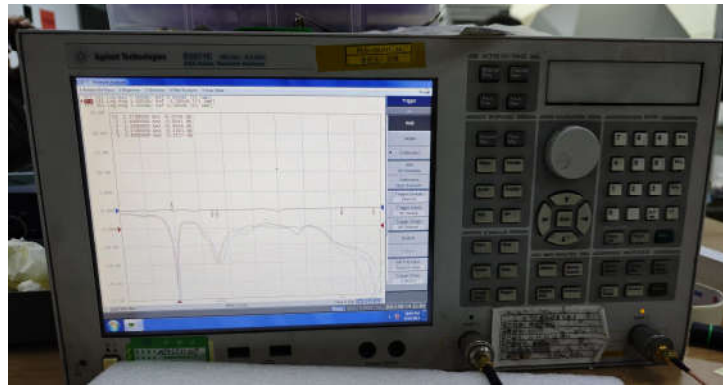
LIBRA

B. Test instrument and Calibration date & Due date

Anritsu MT8820C:



5071C:



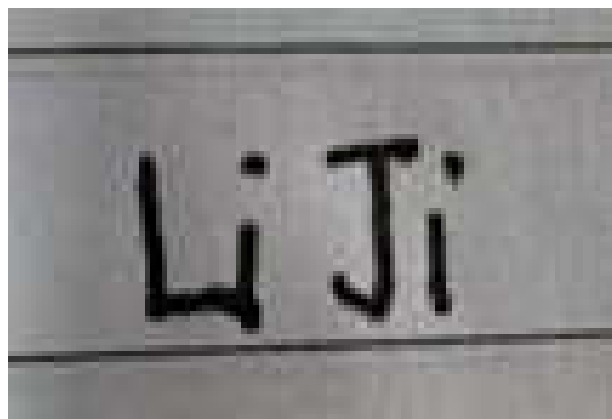
CMW500:



Calibration date & Due date:

CMW500:	20241010-20251009
Anritsu MT8820C:	20240710-20250709
5071C:	20241010-20251009

C. Signature by the test engineer

A photograph of a piece of paper with the handwritten signature 'Li Ji' in black ink. The signature is written in a simple, bold, sans-serif font. The paper is white and has some horizontal lines.

1. Type of Antenna:**3IN1 (WIFI&BT&GPS): PIFA****2. Model No:****RX-AX7386A-3IN1-T17 (WIFI&BT&GPS)****(When the version is upgraded, the red characters above are automatically upgraded)**

	Size (mm)	Clearance (mm)	Side Clearance (mm)	Distance From Border (mm)
3IN1 ANT	27.61*22.58*0.11	7.11	2.22	0.20

3. Efficiency and Gain**WIFI&BT&GPS Efficiency and Gain**

WiFi:

2.4G:

Fre (MHZ)	Peak Gain(dBi)	Average Gain(dB)
2400-2483.5	-2.1	-4.9

5G:

Fre (MHZ)	Peak Gain(dBi)	Average Gain(dB)
Band1	-2.5	-6.4
Band2	-2.5	-6.0
Band3	-2.5	-6.7
Band4	-2.7	-6.8

GPS:

Fre (MHZ)	Peak Gain(dBi)	Average Gain(dB)
1575	-2.0	-4.9

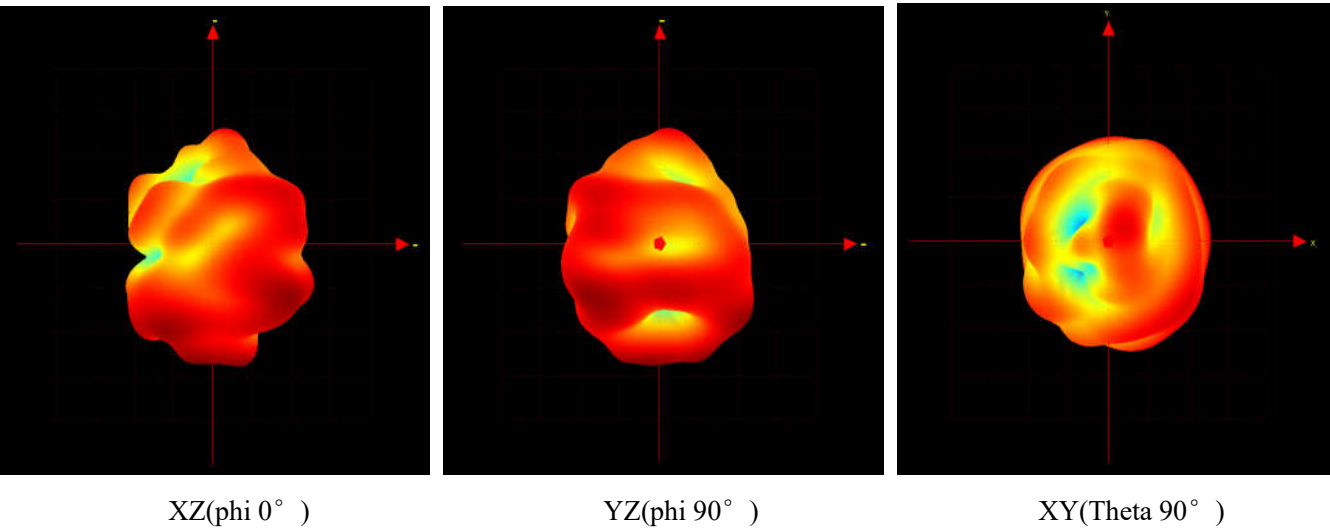
BT:

Fre (MHZ)	Peak Gain(dBi)	Average Gain(dB)
2400-2483.5	-2.1	-4.9

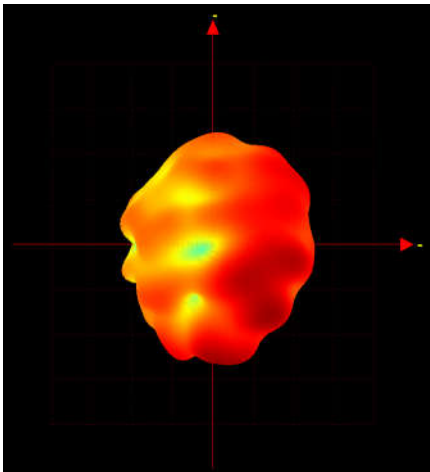
4. 3D Directional Pattern

WIFI&BT&GPS ANT 3D

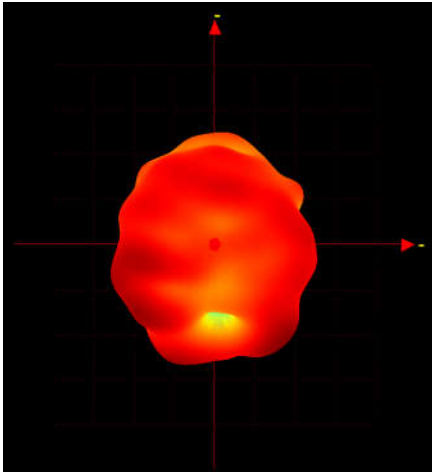
1575 MHZ



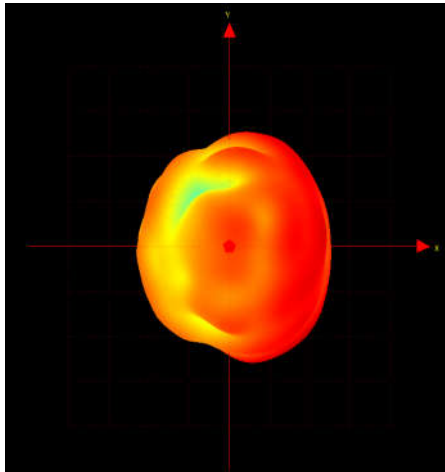
2400 MHZ



XZ(ϕ 0°)

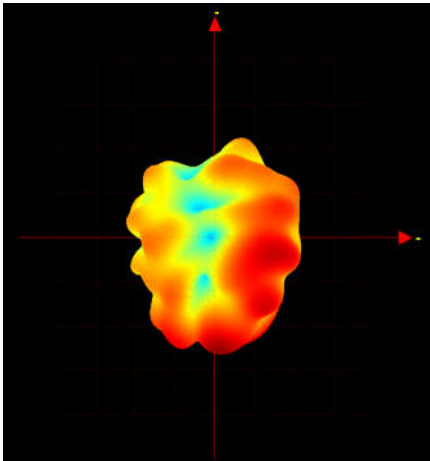


YZ(ϕ 90°)

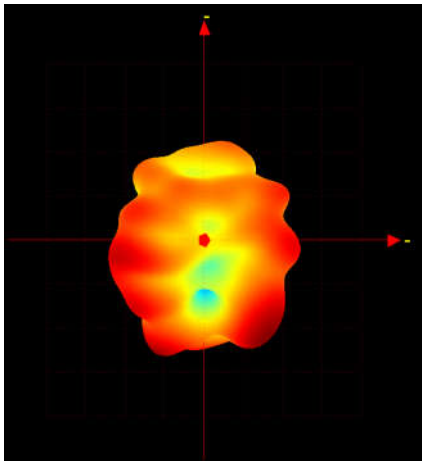


XY(θ 90°)

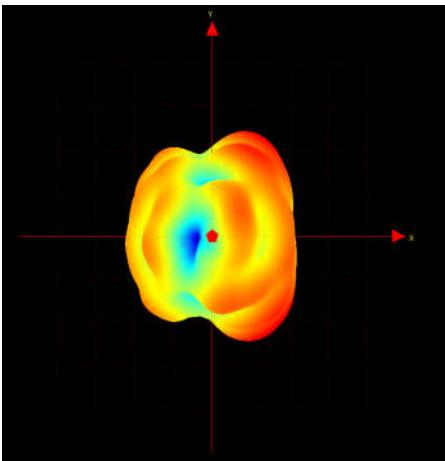
2500 MHZ



XZ(ϕ 0°)

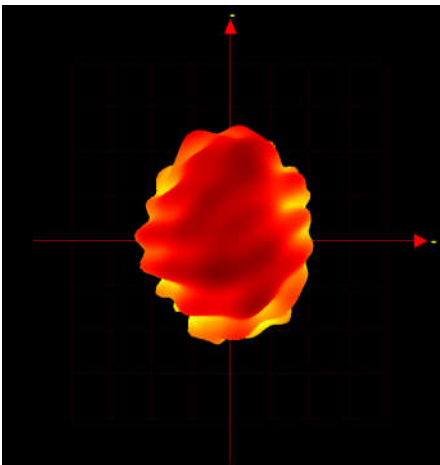


YZ(ϕ 90°)

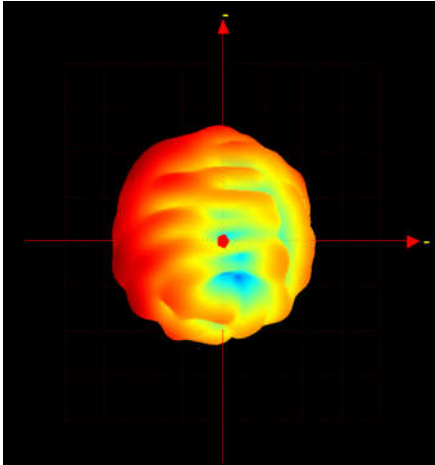


XY(θ 90°)

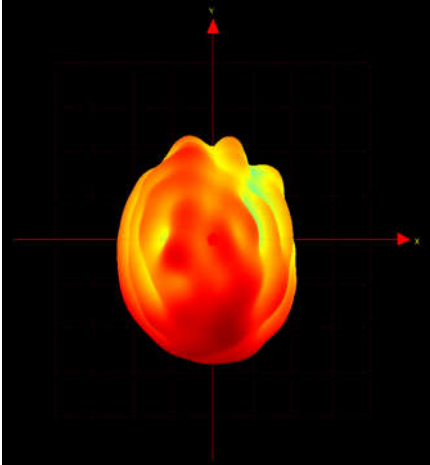
5150 MHZ



XZ(phi 0°)

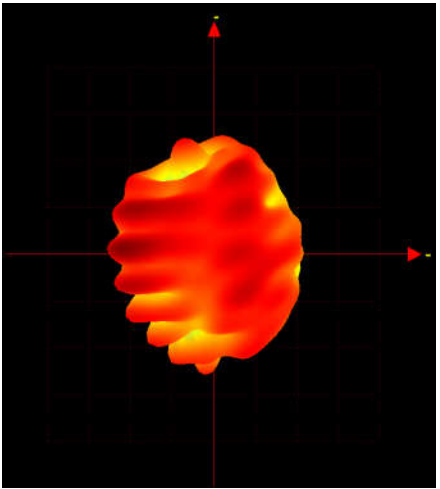


YZ(phi 90°)

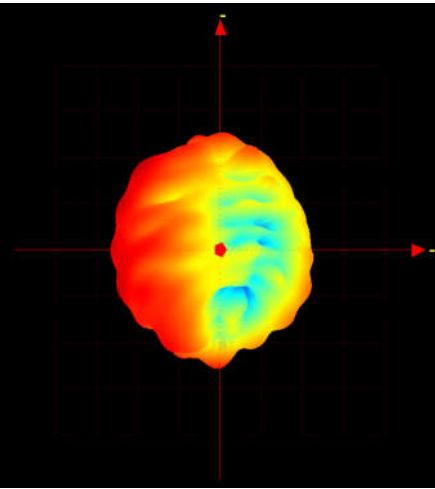


XY(Theta 90°)

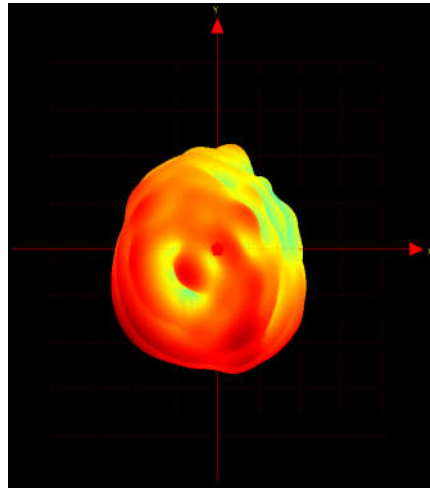
5350 MHZ



XZ(phi 0°)

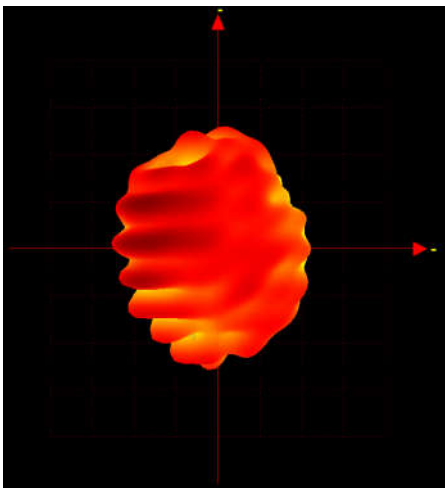


YZ(phi 90°)

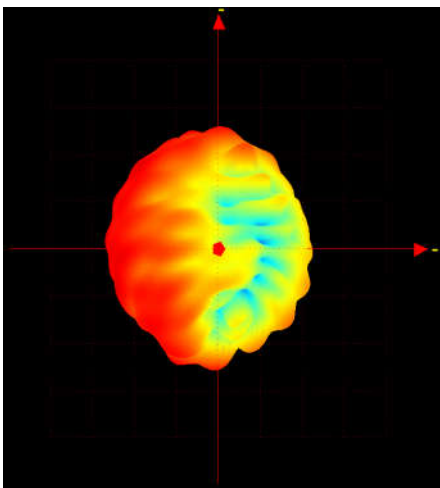


XY(Theta 90°)

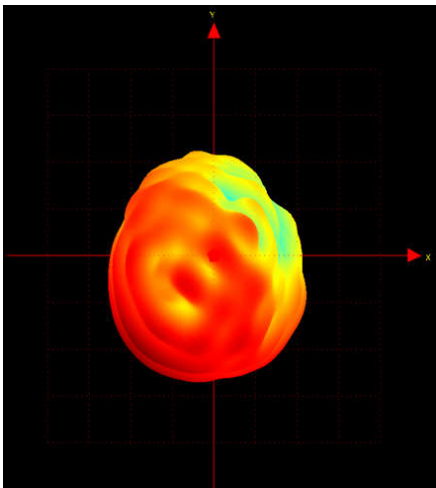
5550 MHZ



XZ(phi 0°)

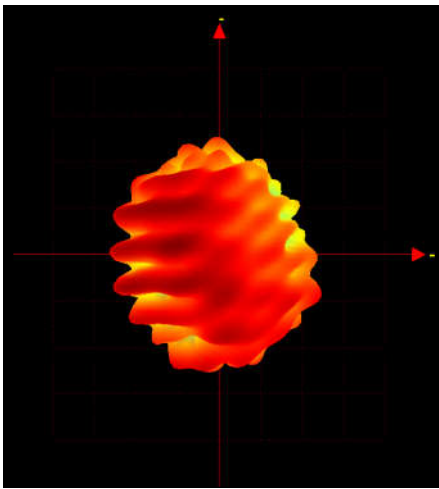


YZ(phi 90°)

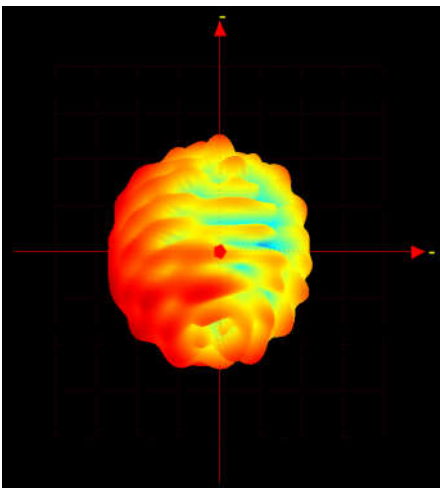


XY(Theta 90°)

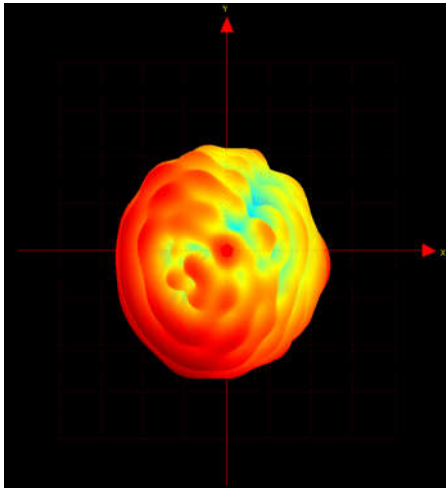
5850 MHZ



XZ(phi 0°)



YZ(phi 90°)



XY(Theta 90°)