



深圳合翊讯科技有限公司
Shenzhen Heyixun Technology Co., Ltd.

Customer	志泽
Project	FT201
Antenna Revision	A0
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Checked by	15993920520
Date	2025. 12. 04

Purpose

This report is to measure the performance of antenna for **FT201** The antenna operating frequency at 2400-2500MHz All test data are showed as below.

01

1. Test system

02

2. Product Overview & Dimension

Content

03

3. OTA Data

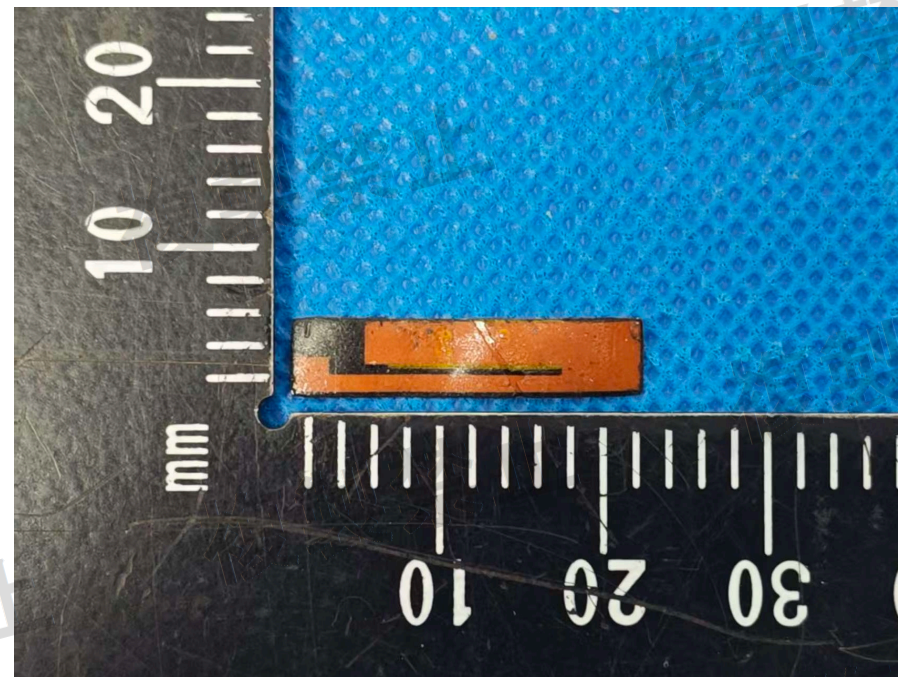
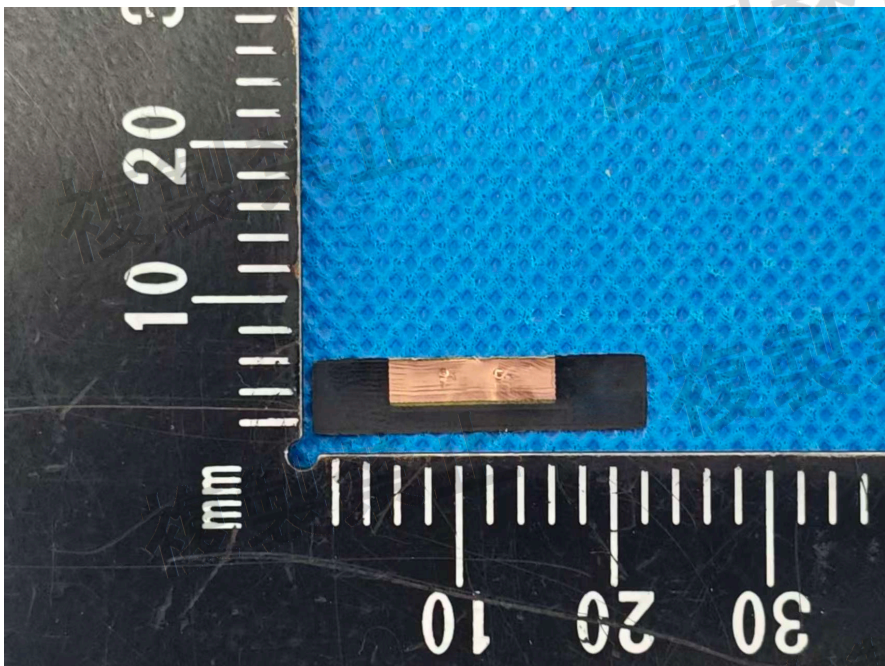
Shenzhen Heyixun Technology Co., Ltd.
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Xixiang Subdistrict, Bao'an District, Shenzhen City

1.TestSystem

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



2. Product Overview & Dimension



2. Test Result VSWR&Log Mag&Smith(Ω)



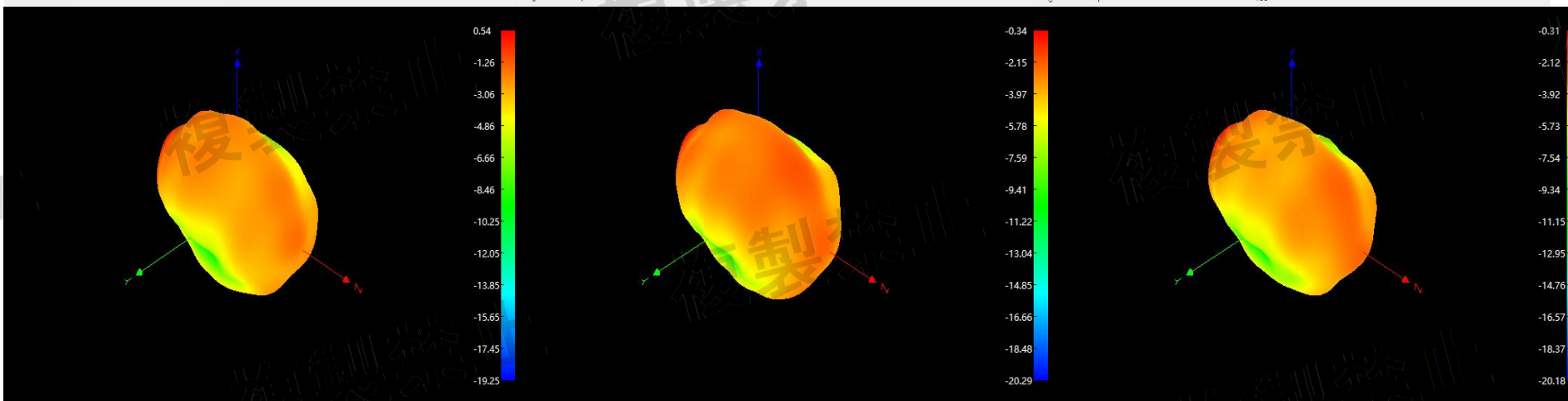
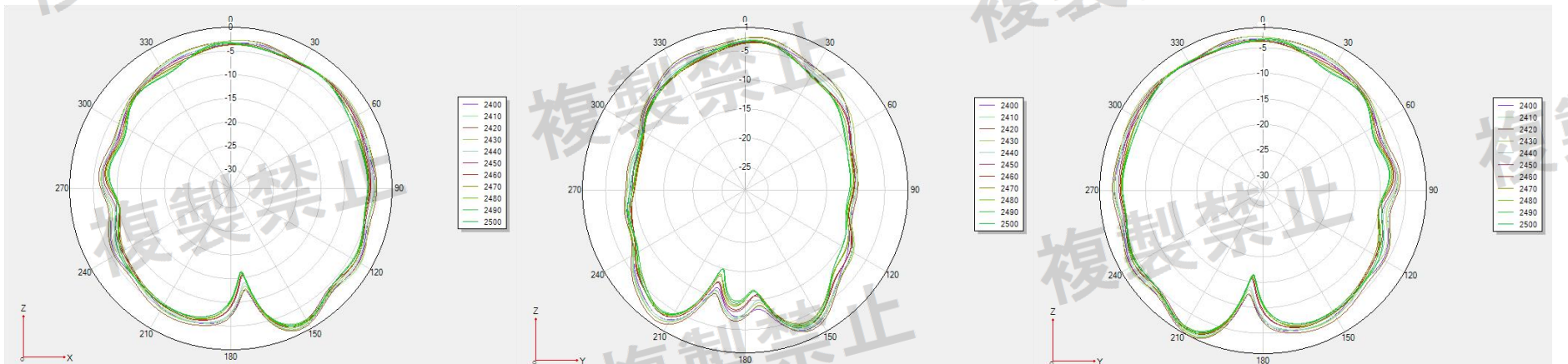
Frequency (MHz)	2400	2450	2480	2500
Log Mag	-13.97	-18.11	-17.79	-16.36
Smith(Ω)	40.68	42.36	39.98	37.78
VSWR	1.5	1.28	1.29	1.35

3. Test Result

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	36.06	0.54
2410	35.48	0.5
2420	36.06	0.62
2430	35.89	0.46
2440	36.31	0.15
2450	35.65	-0.34
2460	34.83	0.04
2470	33.27	-0.35
2480	32.43	-0.06

3. Test Result

3.1 2D Pattern——BTANT



WORK REPORT

谢谢观看