

深圳市大山通讯有限公司
Shenzhen Dasan Communication Co., Ltd.

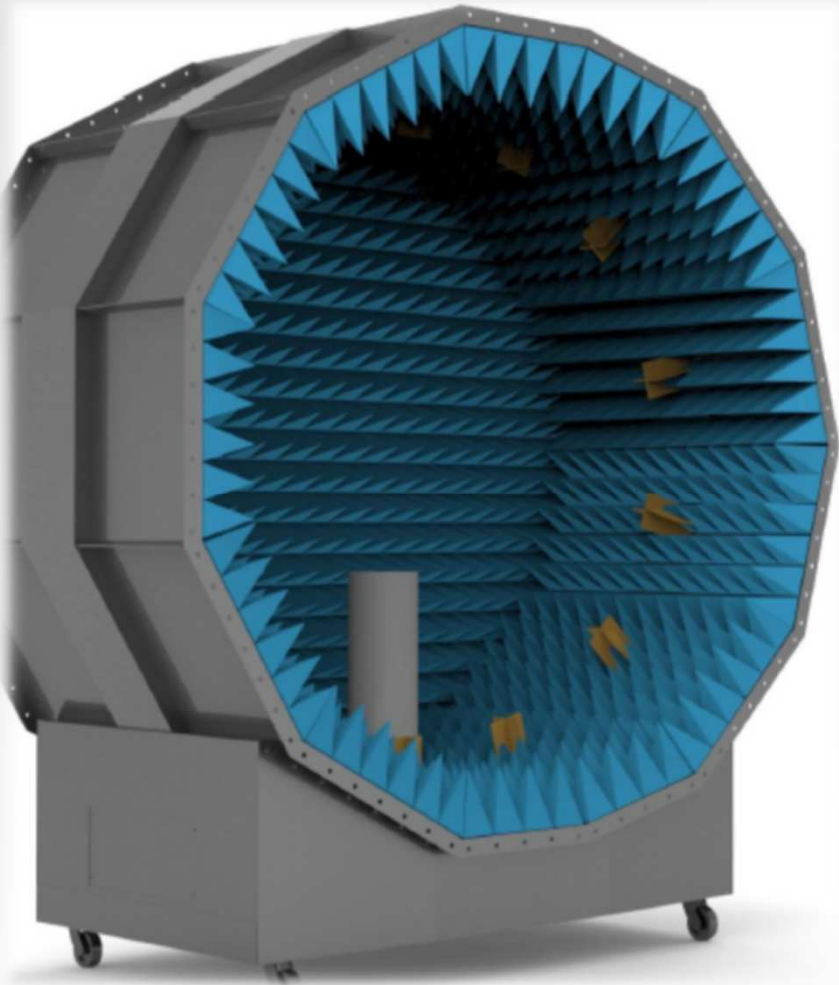
BK102C Antenna Evaluating Report

Prepared By: Mo

Date of Report: 2026-1-28

Date	Rev	Description
2026-1-28	01	TEST Ant Efficiency and Gain

测试设备 / Equipment



- Chamber : GTS Rayzone1800
- 网络分析仪 : Agilent E5071C
- 2G/3G综测仪 : Agilent 8960
- LTE综测仪 : Anritsu MT8820
- TD综测仪 : StarPoint SP6010
- WIFI综测仪 : Anritsu MT8860
- GPS信号源 : Agilent E4438C

整机环境说明 / Fixture Environment

ANT BAND

使用系统	Band	使用系统	Band
GSM	-	WIFI / BT	2.4G
WCDMA	-	全球定位	-
TD-SCDMA	-	FM	-
CDMA	-	Others	-
FDD LTE			
TDD LTE			

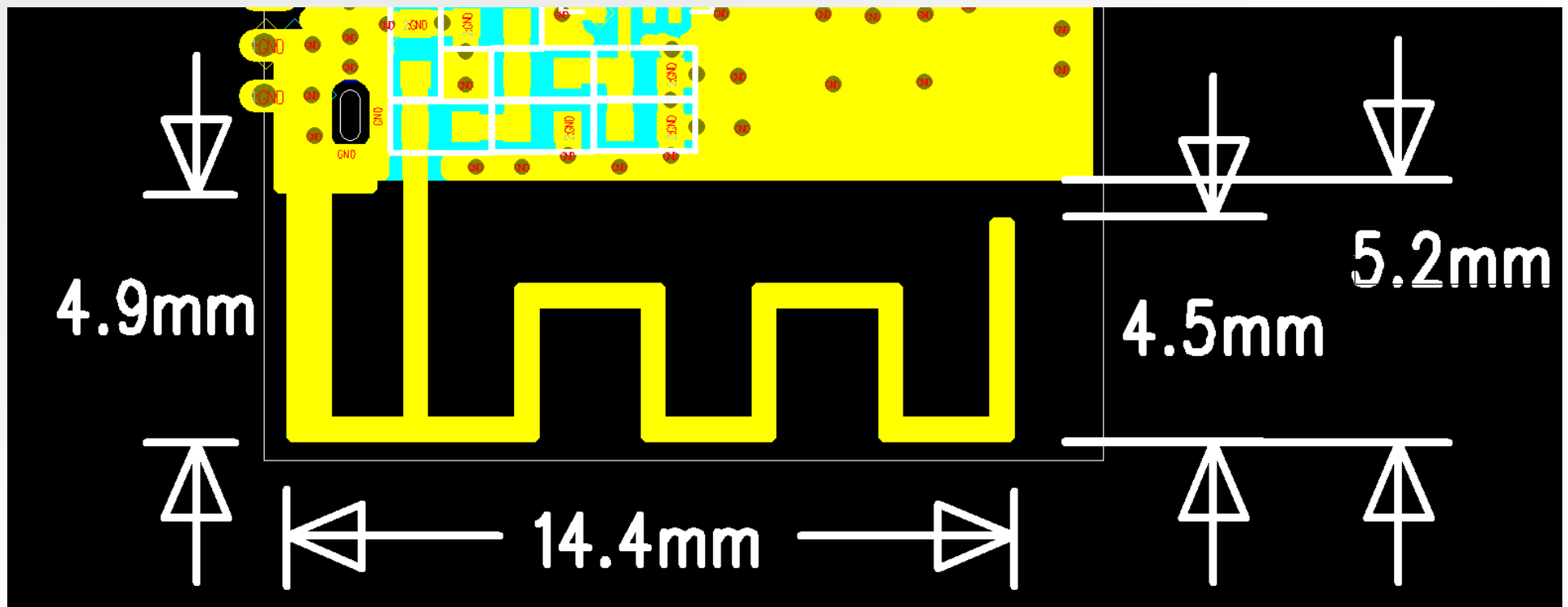
Antenna information

- P/N: MD406PA V1.1

- Manufacturer: Shenzhen Xinzhide Technology Co., Ltd.

Address: No. 74 Fuqian Road, Fumin Community, Fucheng Street,
Longhua District, Shenzhen, Guangdong Province, China

- Dimension (Unit : mm) :



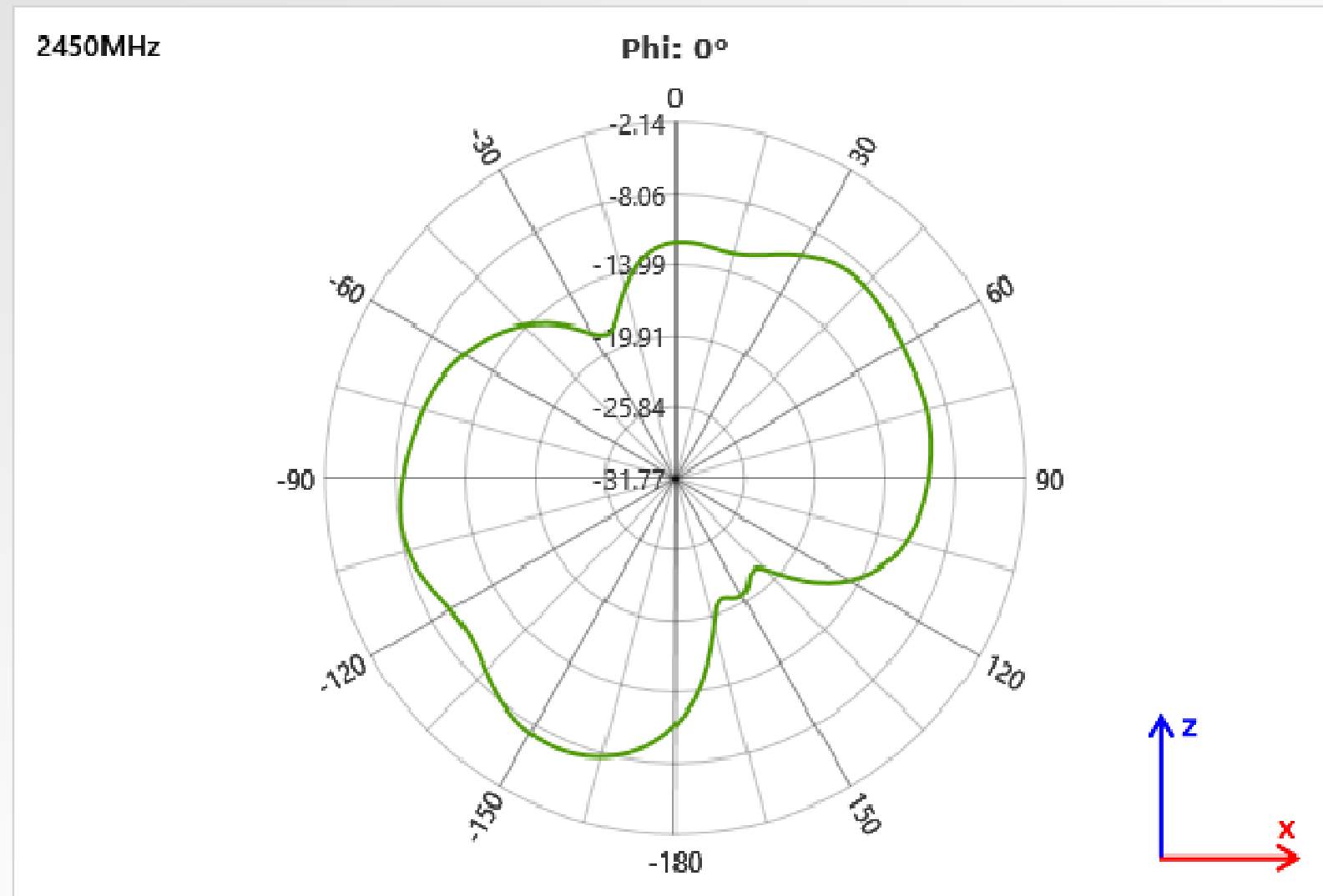
Ant TEST

Effic & Gain

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-8.41	-13.51	4.46
2410	-8.15	-13.31	4.67
2420	-7.93	-12.95	5.07
2430	-7.43	-12.35	5.82
2440	-6.79	-11.62	6.89
2450	-6.24	-10.86	8.2
2460	-6.14	-10.44	9.03
2470	-5.95	-10.18	9.59
2480	-5.9	-10.28	9.38
2490	-6.24	-10.92	8.08
2500	-6.97	-11.87	6.51

Ant TEST

E1 Plant

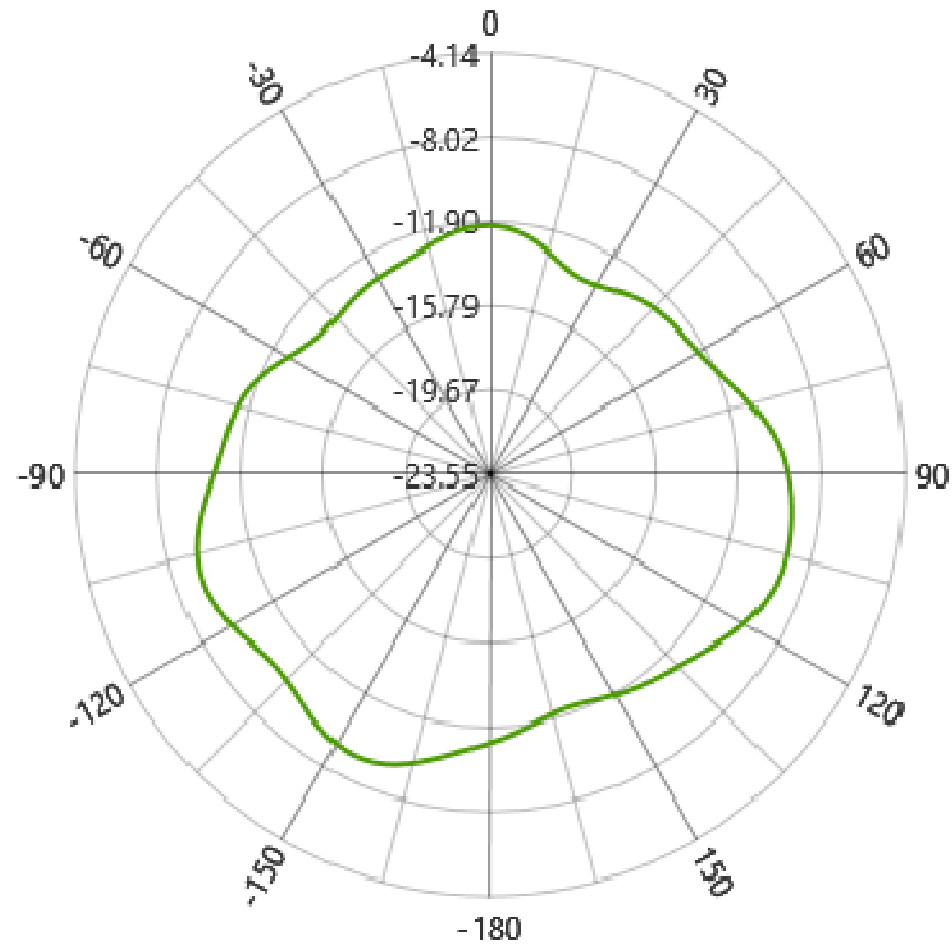


Ant TEST

E2 Plant

2450MHz

Phi: 90°

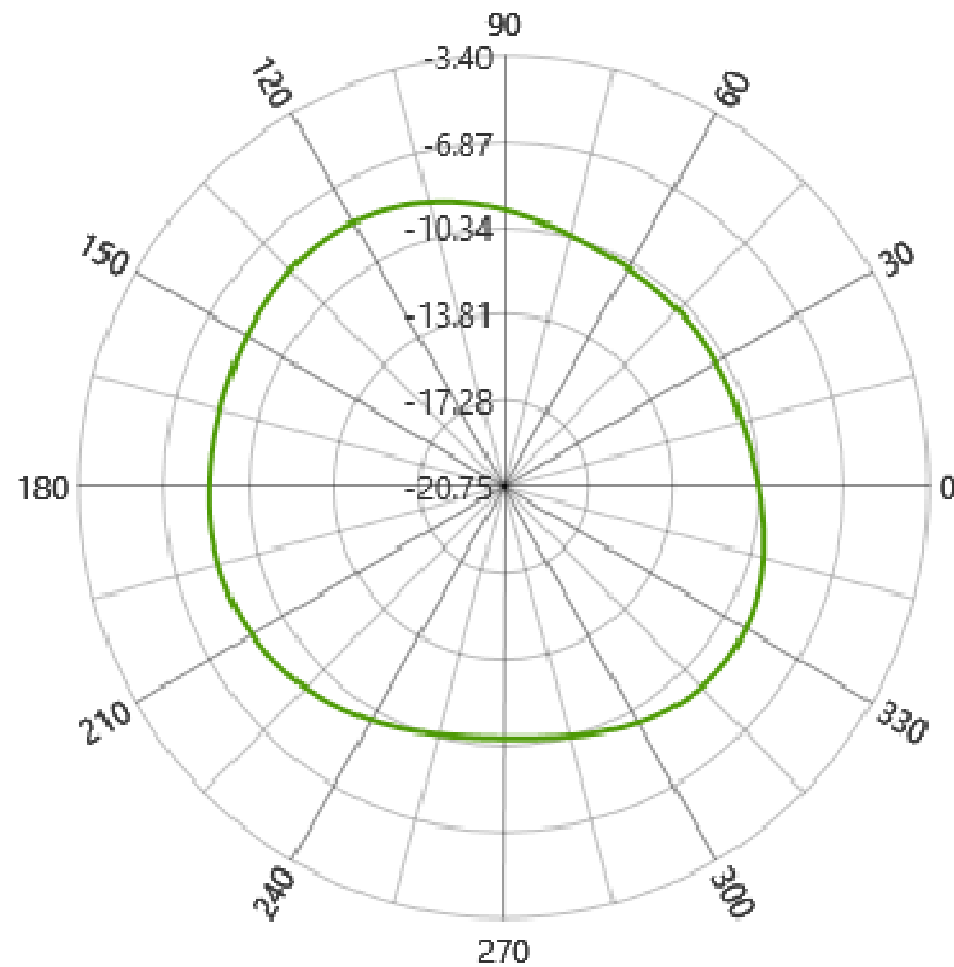


Ant TEST

H plant

2450MHz

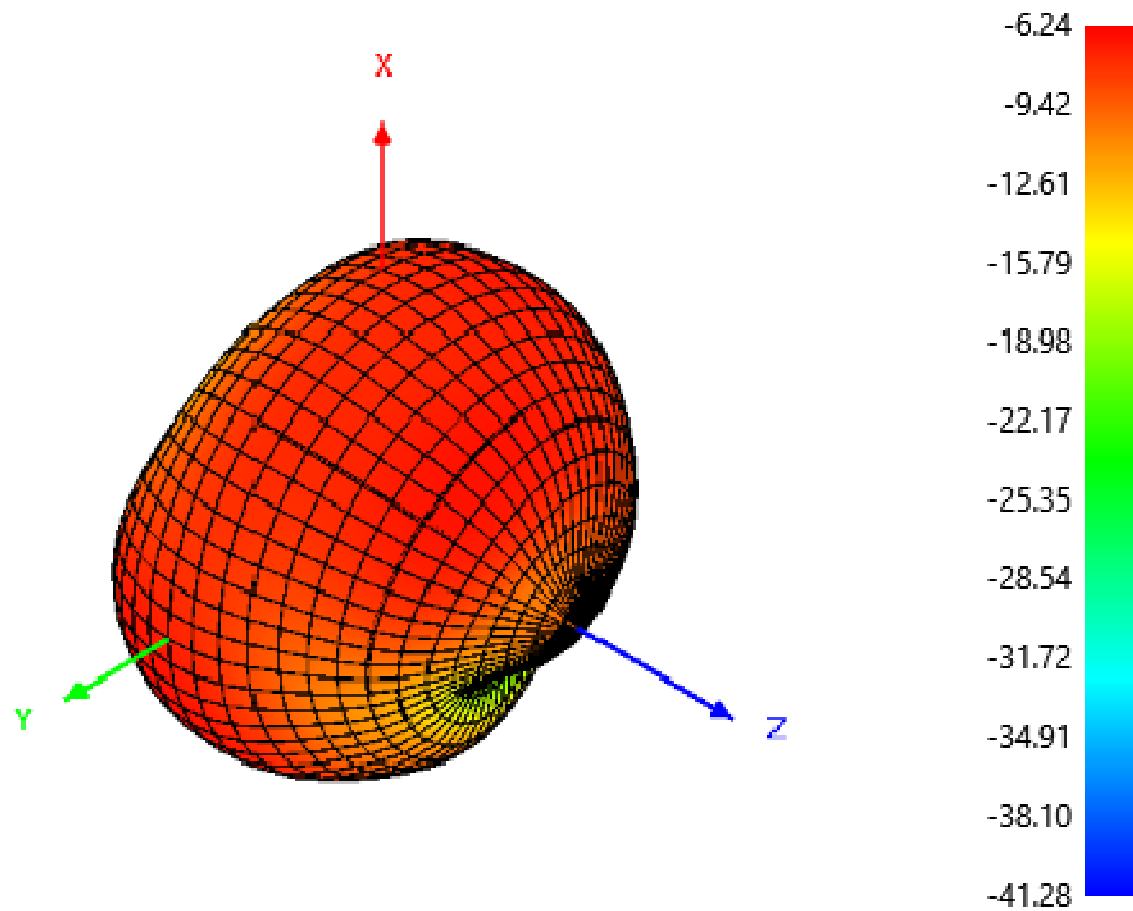
Theta: 90°



Ant TEST

3D Radiation unit: dBi

Freq: 2450MHz (AxisX)



Thank You



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