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

BC680 Antenna Evaluating Report

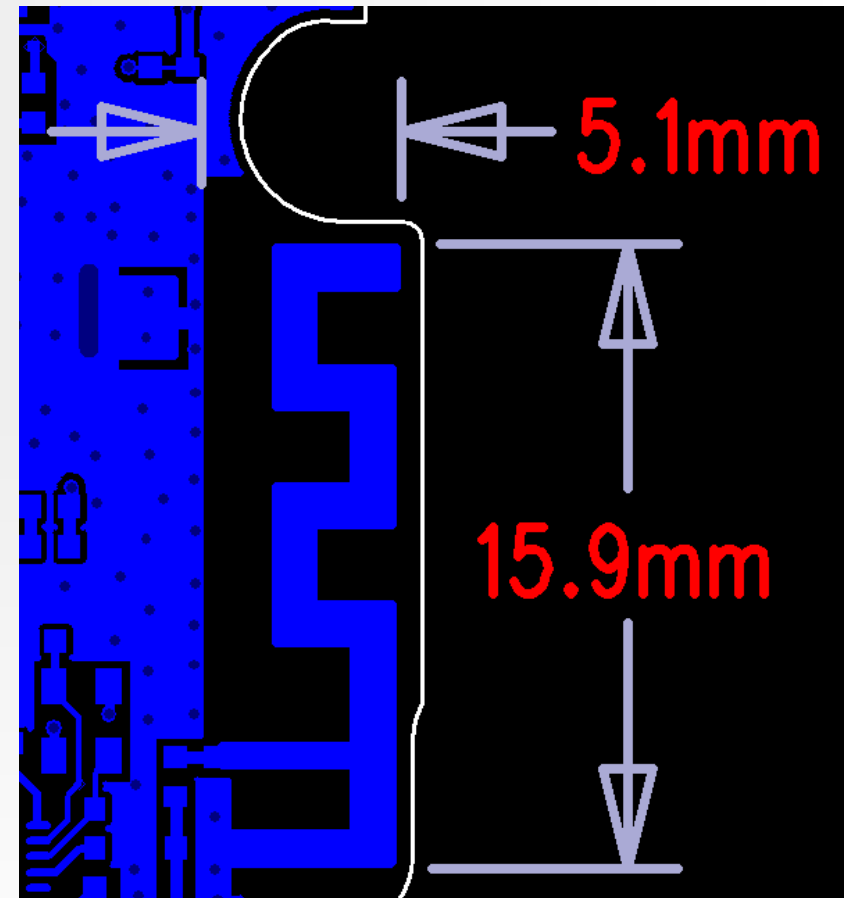
Prepared By: MoLinhua

Date of Report: 2025-6-21

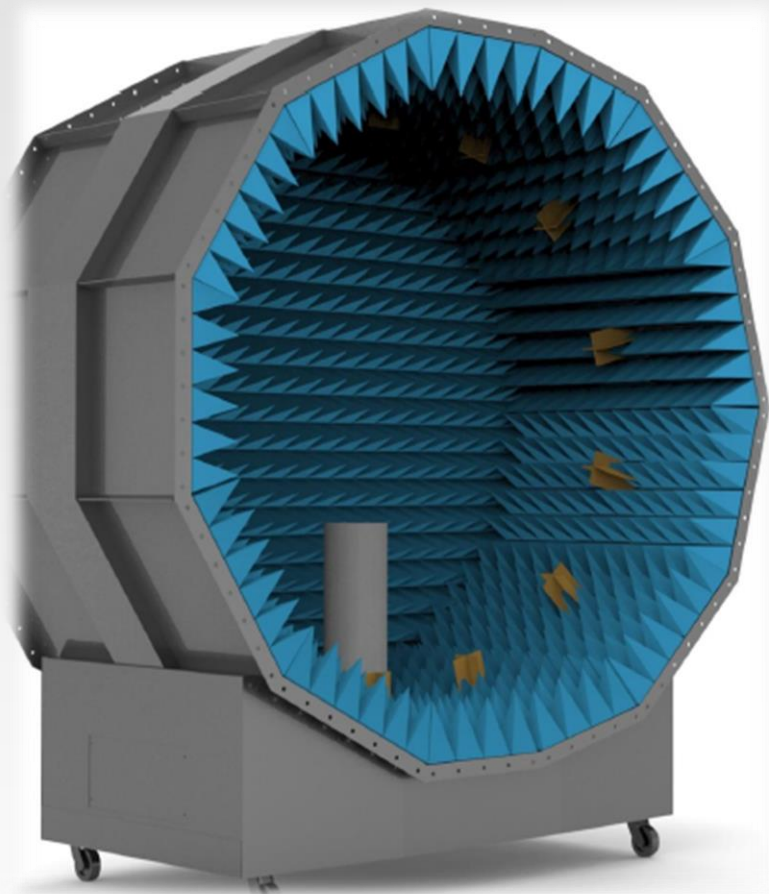
Date	Rev	Description
2025-6-21	01	TEST Ant Efficiency and Gain

Manufacturer & DIM

- Manufacturer:
Shenzhen Xinzhide Technology Co., Ltd.
- Model : BC680 ANT
- Gain : 1.94dBi
- DIM: on-board antenna



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

天线频段

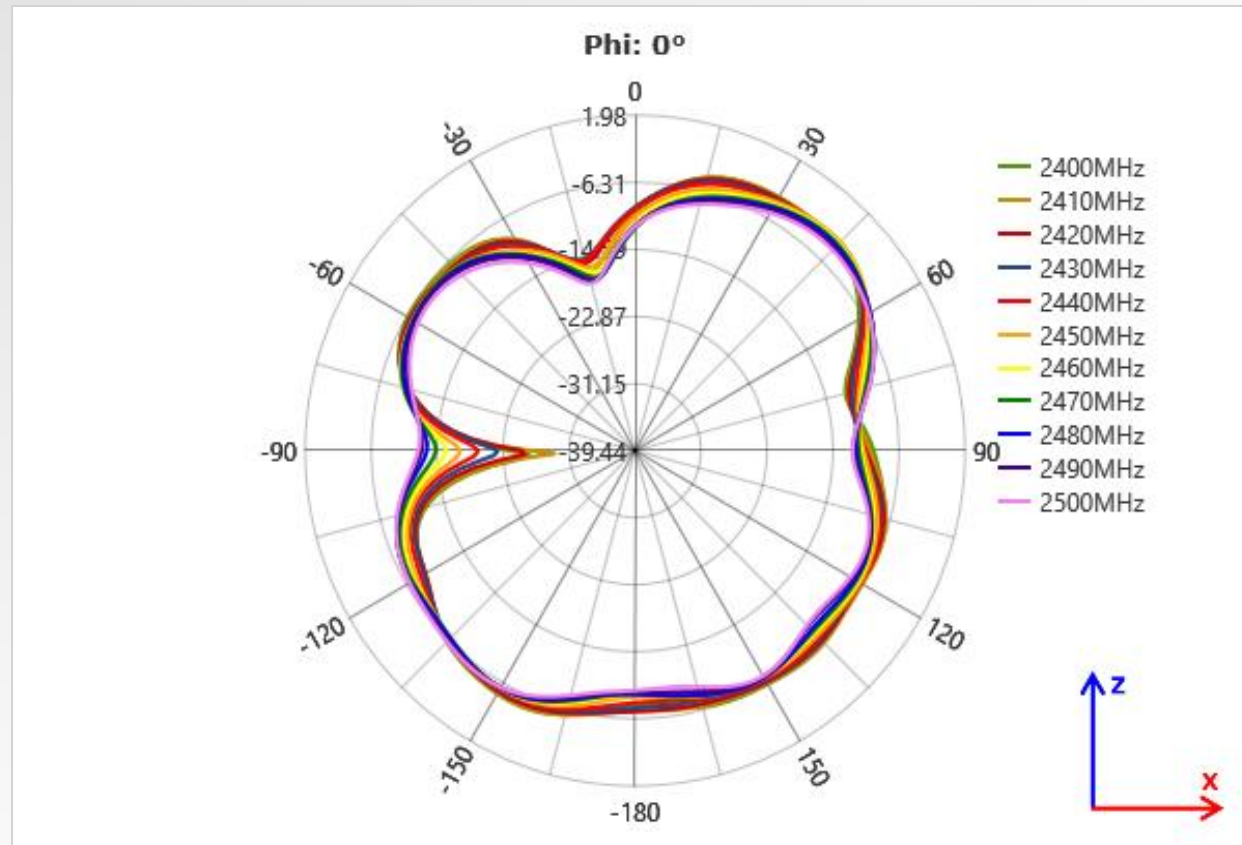
使用系统	Band	使用系统	Band
GSM	-	WIFI / BT	2.4G
WCDMA	-	全球定位	-
TD-SCDMA	-	FM	-
CDMA	-	Others	-
FDD LTE			
TDD LTE			

Ant TEST

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	1.5	-6.4	22.89
2410	1.63	-6.41	22.85
2420	1.74	-6.4	22.92
2430	1.84	-6.4	22.91
2440	1.94	-6.41	22.86
2450	1.92	-6.49	22.45
2460	1.87	-6.6	21.86
2470	1.86	-6.64	21.69
2480	1.85	-6.68	21.48
2490	1.8	-6.75	21.14
2500	1.74	-6.85	20.67

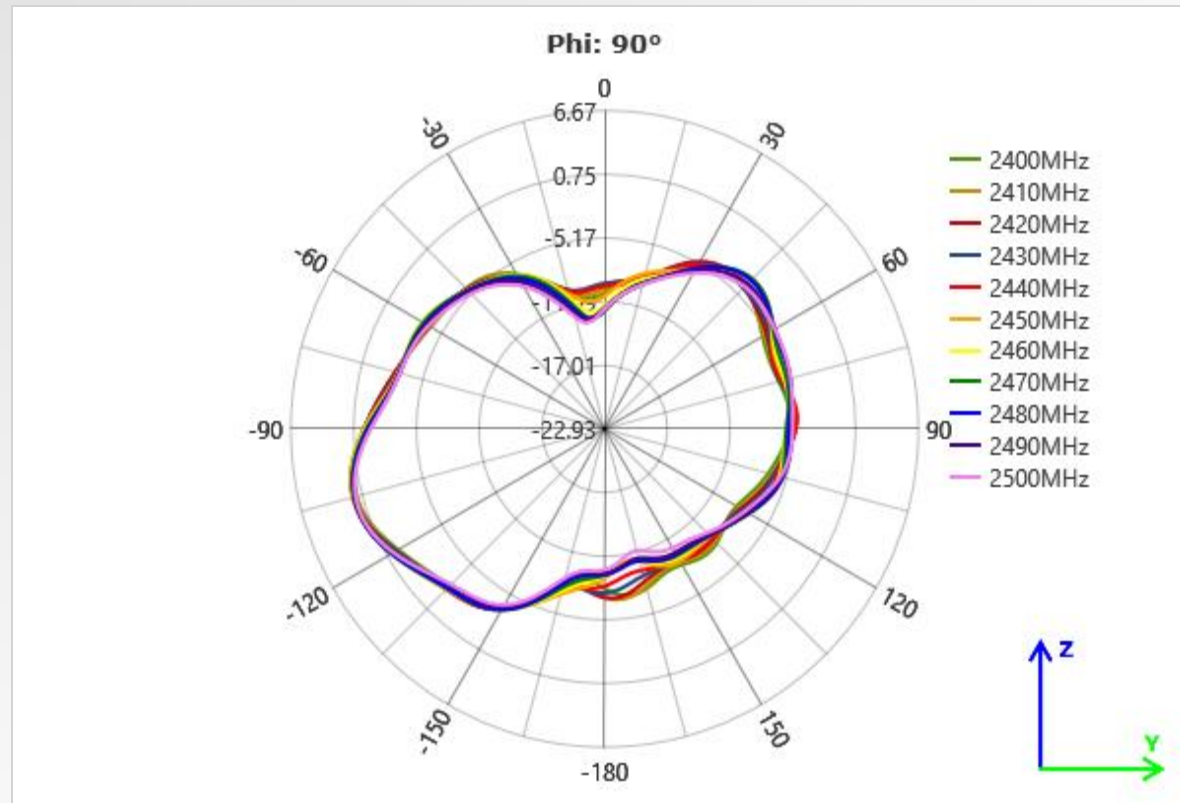
Ant TEST

E1 Plant



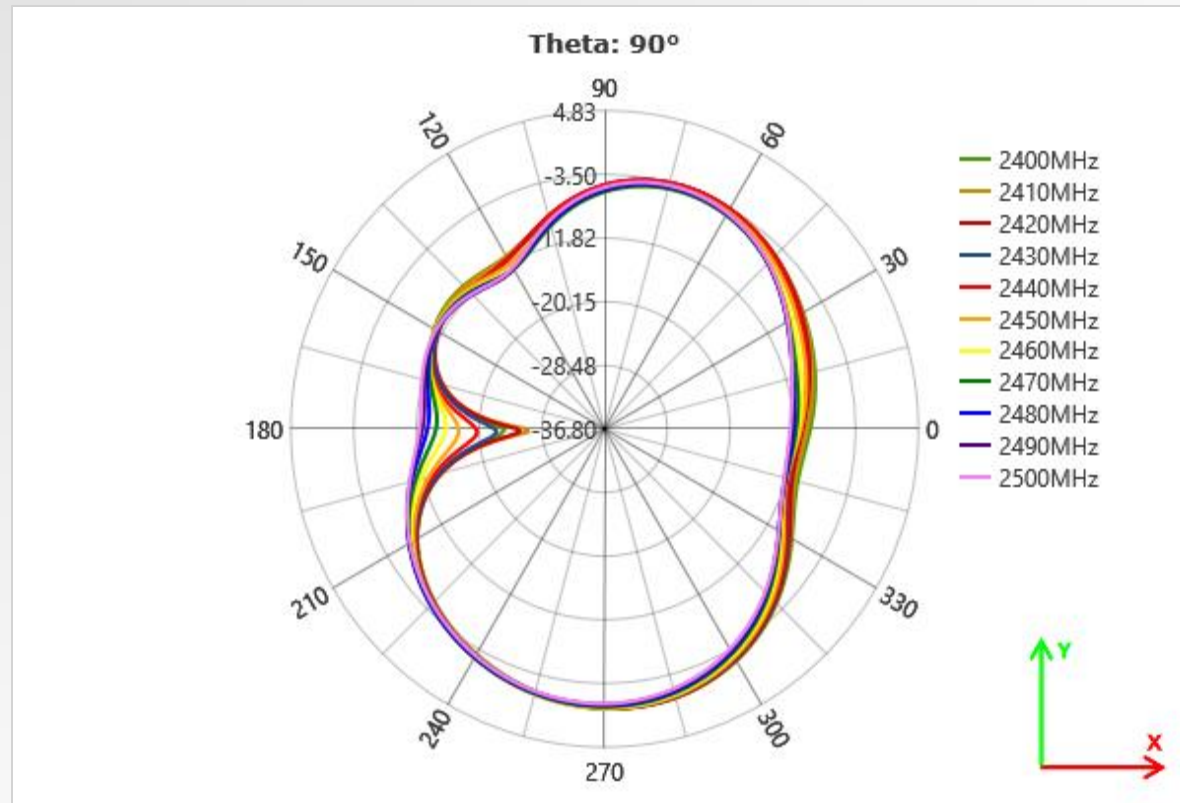
Ant TEST

E2 Plant



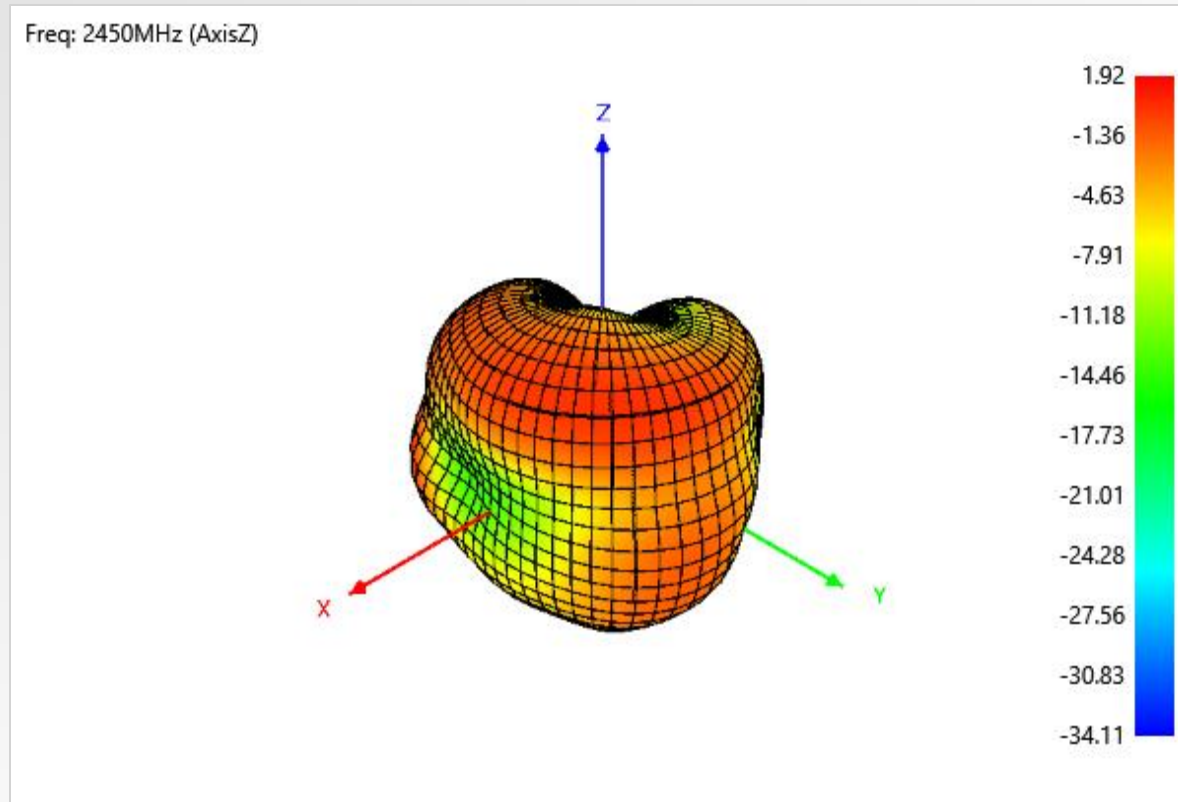
Ant TEST

H plant



Ant TEST

3D Radiation



Thank You



深圳市大山通讯有限公司

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