

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

BC220 Antenna Evaluating Report

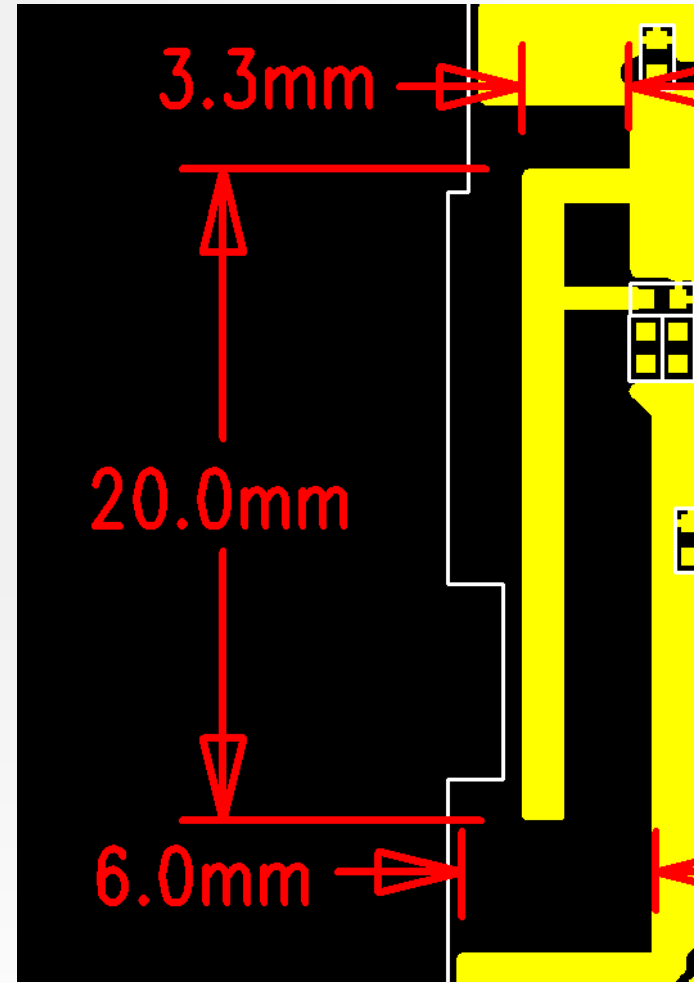
Prepared By: MoLinhua

Date of Report: 2025-2-12

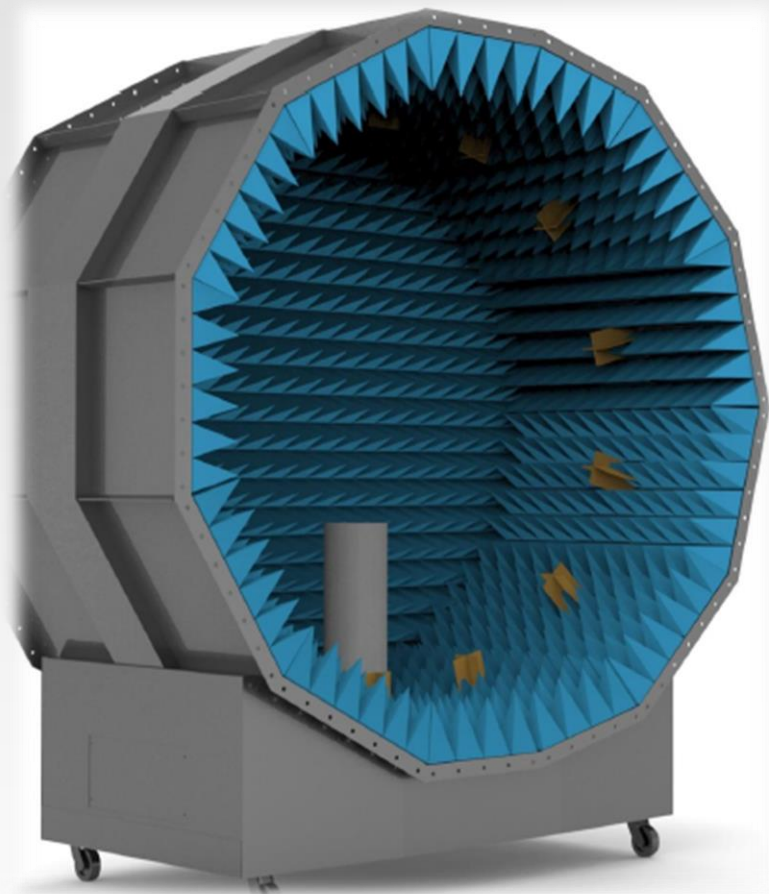
Date	Rev	Description
2025-2-12	01	TEST Ant Efficiency and Gain

Manufacturer & DIM

- Manufacturer:
Shenzhen Xinzhide Technology Co., Ltd.
- Model : BC220 ANT
- Gain : 0.31dBi
- 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

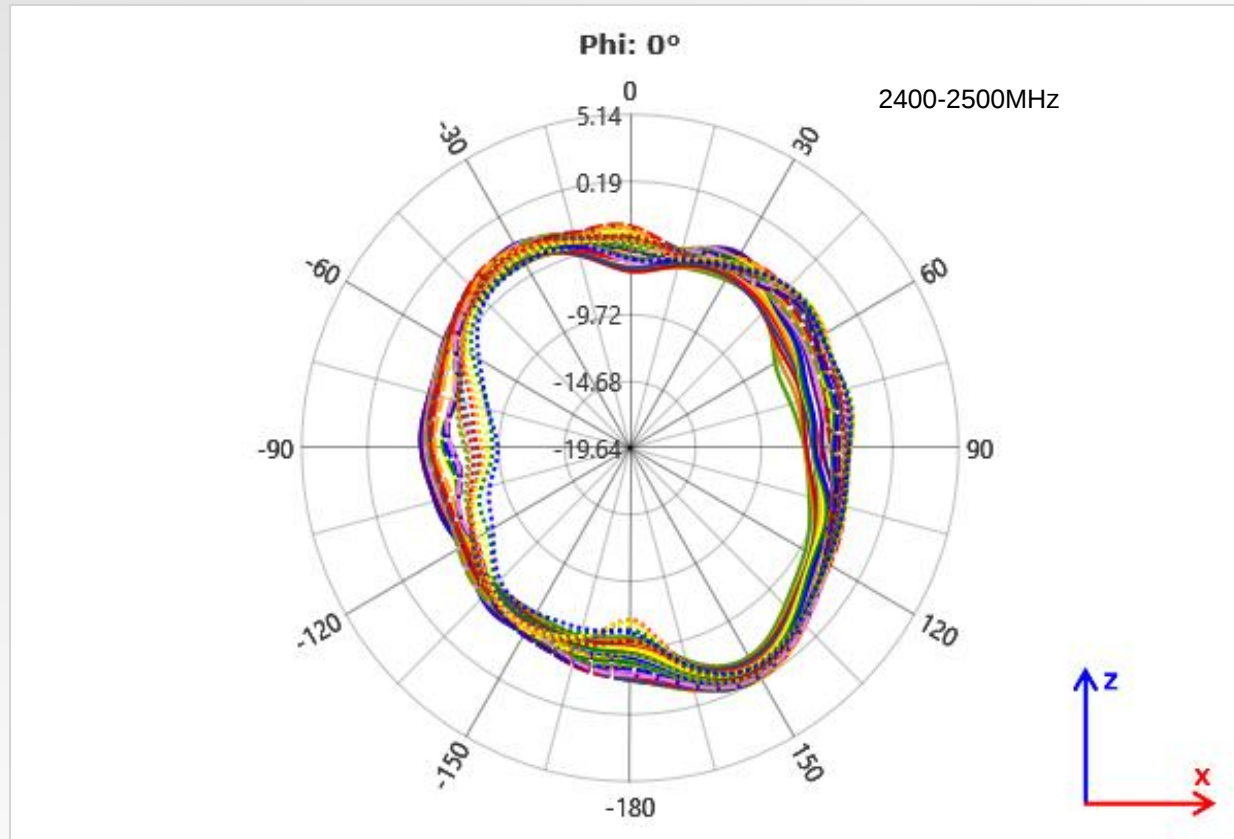
使用系统	Band	使用系统	Band
GSM	-	WIFI / BT	2.4G
WCDMA	-	全球定位	-
TD-SCDMA	-	FM	-
CDMA	-	Others	-
FDD LTE			
TDD LTE			

Ant TEST

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-0.16	-5.73	26.74
2410	-0.17	-5.72	26.76
2420	-0.26	-5.72	26.79
2430	-0.2	-5.69	26.99
2440	-0.04	-5.68	27.02
2450	0.15	-5.74	26.66
2460	0.17	-5.92	25.58
2470	0.29	-6.06	24.8
2480	0.3	-6.06	24.75
2490	0.26	-6.06	24.76
2500	0.31	-5.98	25.25

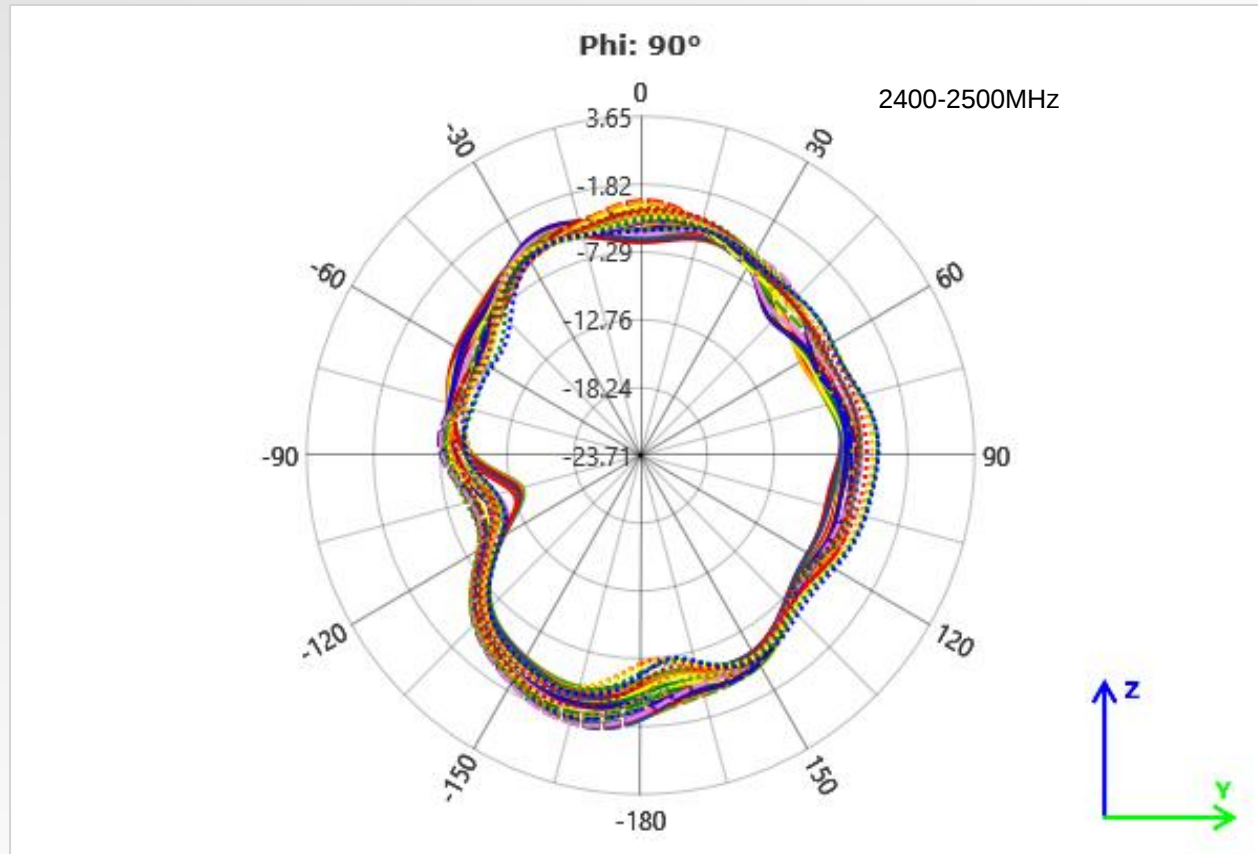
Ant TEST

E1 Plant



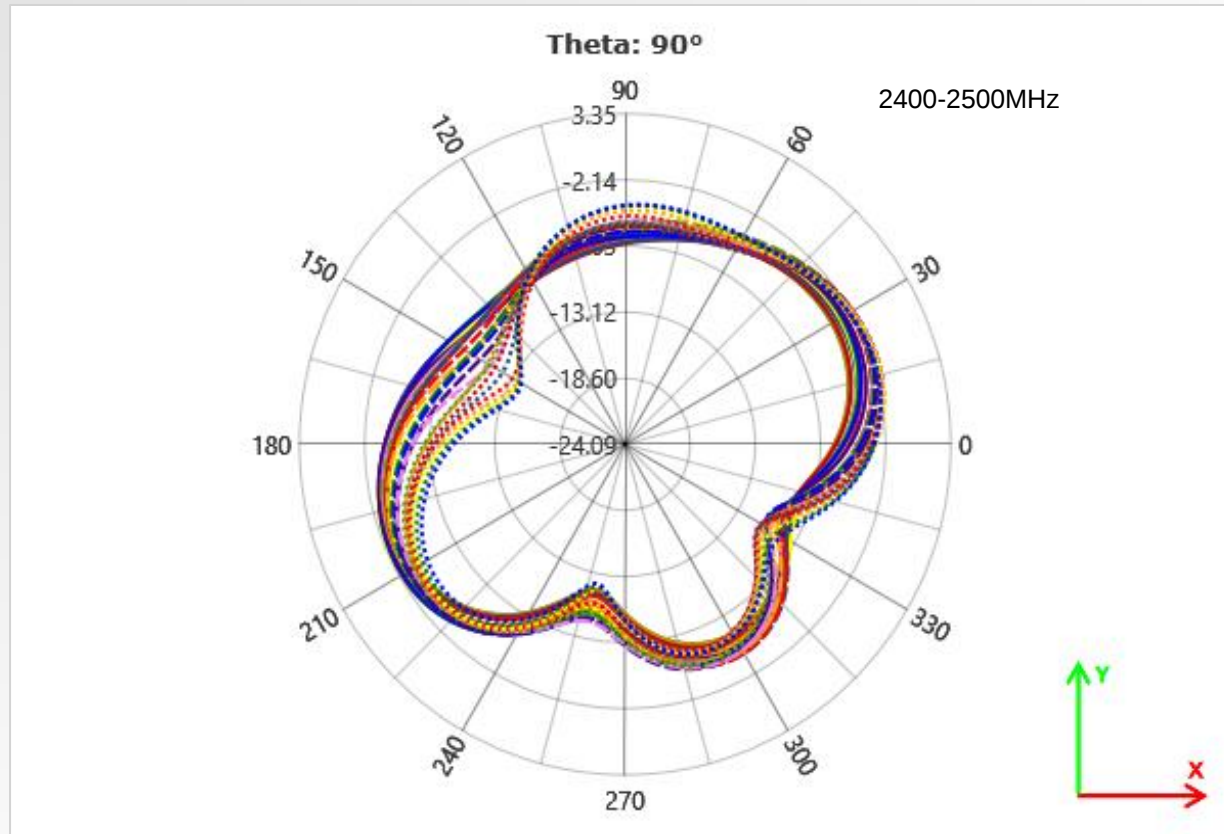
Ant TEST

E2 Plant



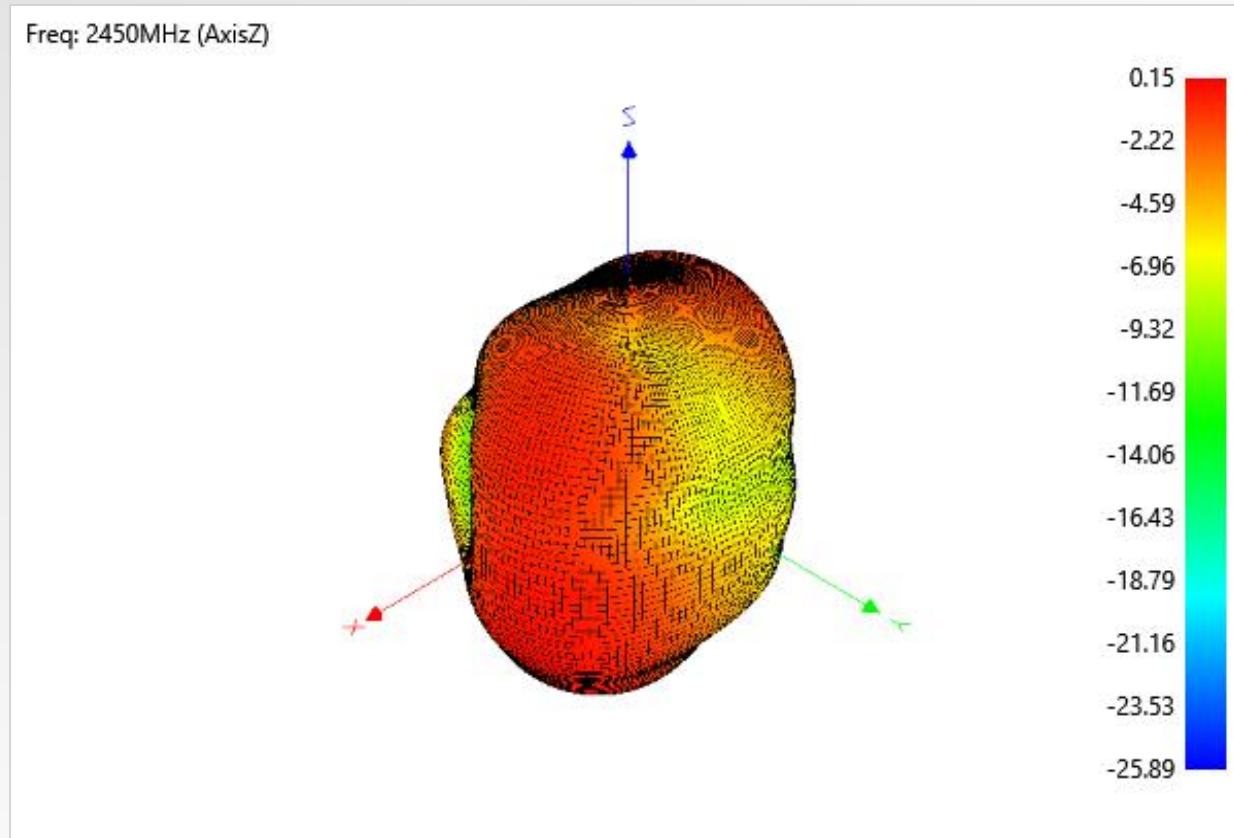
Ant TEST

H plant



Ant TEST

3D Radiation



Thank You



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