

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

CS500 Antenna Evaluating Report

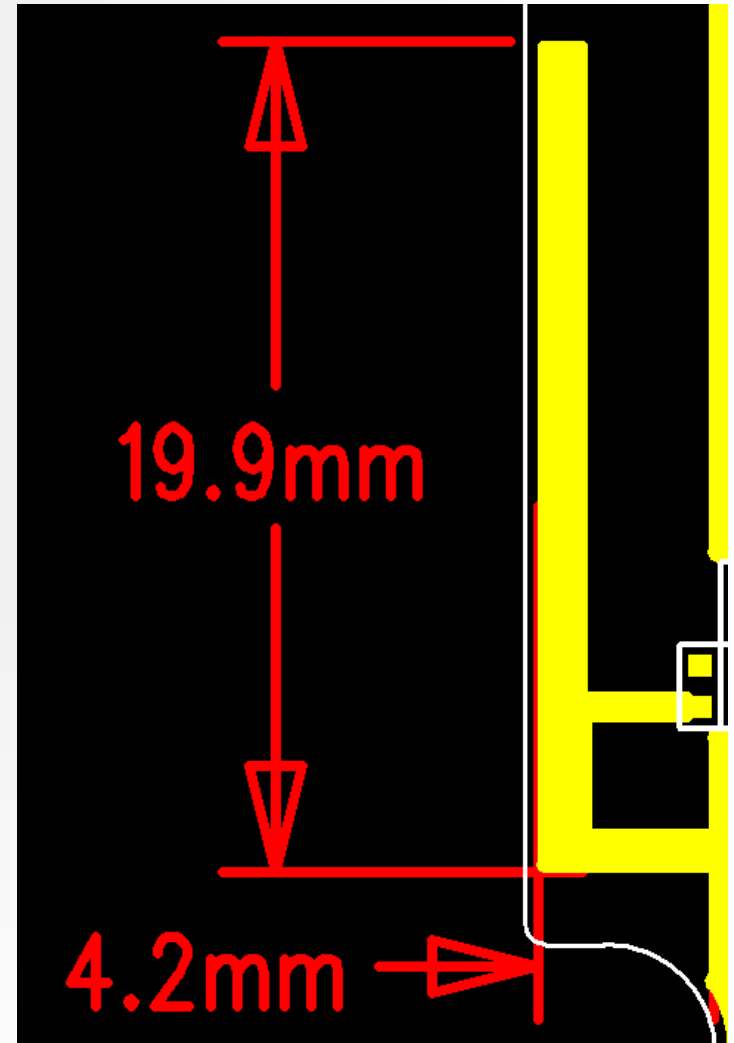
Prepared By: MoLinhua

Date of Report: 2024-5-16

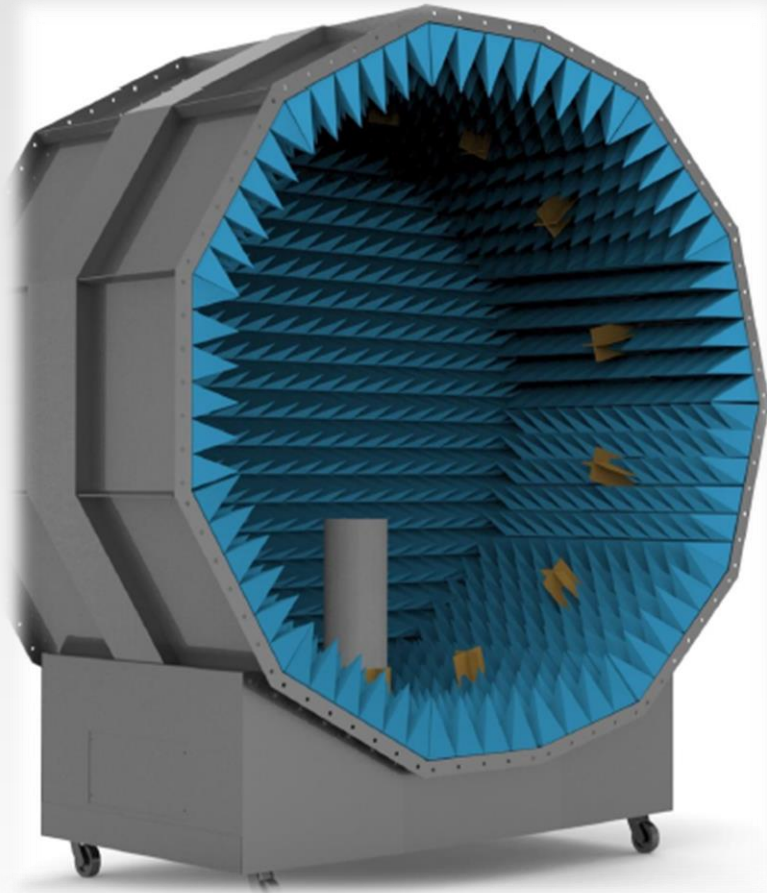
Date	Rev	Description
2024-5-16	01	TEST Ant Efficiency and Gain

Manufacturer & DIM

- Manufacturer:
Shenzhen Xinzhide Technology Co., Ltd.
- Model : BC600 ANT
- Gain : -1.91dBi
- DIM : on-board antenna
- Type : PCB Antenna



测试设备 / Equipment



- Chamber : GTS Rayzone1800
- network analyzer : Agilent E5071C
- 2G/3G integrated measuring instrument : Agilent 8960
- LTE integrated measuring instrument : Anritsu MT8820
- TD integrated measuring instrument : StarPoint SP6010
- WIFI integrated measuring instrument : Anritsu MT8860
- GPS signal source : Agilent E4438C

整机环境说明 / Fixture Environment

天线频段

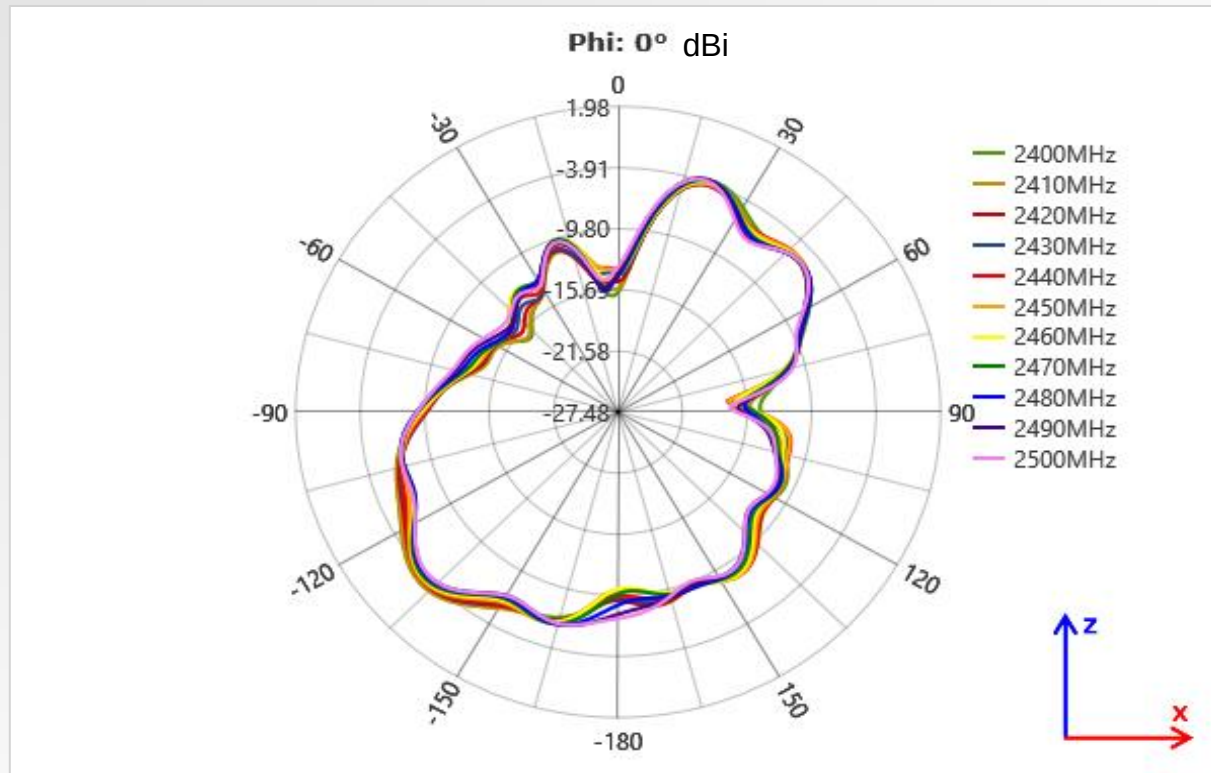
使用系统	Band	使用系统	Band
GSM	-	WIFI / BT	2.4G
WCDMA	-	global positioning	-
TD-SCDMA	-	FM	-
CDMA	-	Others	-
FDD LTE			
TDD LTE			

Ant TEST

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-2.03	-7.59	17.42
2410	-2.02	-7.56	17.56
2420	-1.91	-7.5	17.78
2430	-2	-7.48	17.87
2440	-1.97	-7.43	18.07
2450	-2.11	-7.5	17.77
2460	-2.3	-7.56	17.52
2470	-2.44	-7.53	17.65
2480	-2.38	-7.52	17.69
2490	-2.34	-7.49	17.82
2500	-2.36	-7.42	18.12

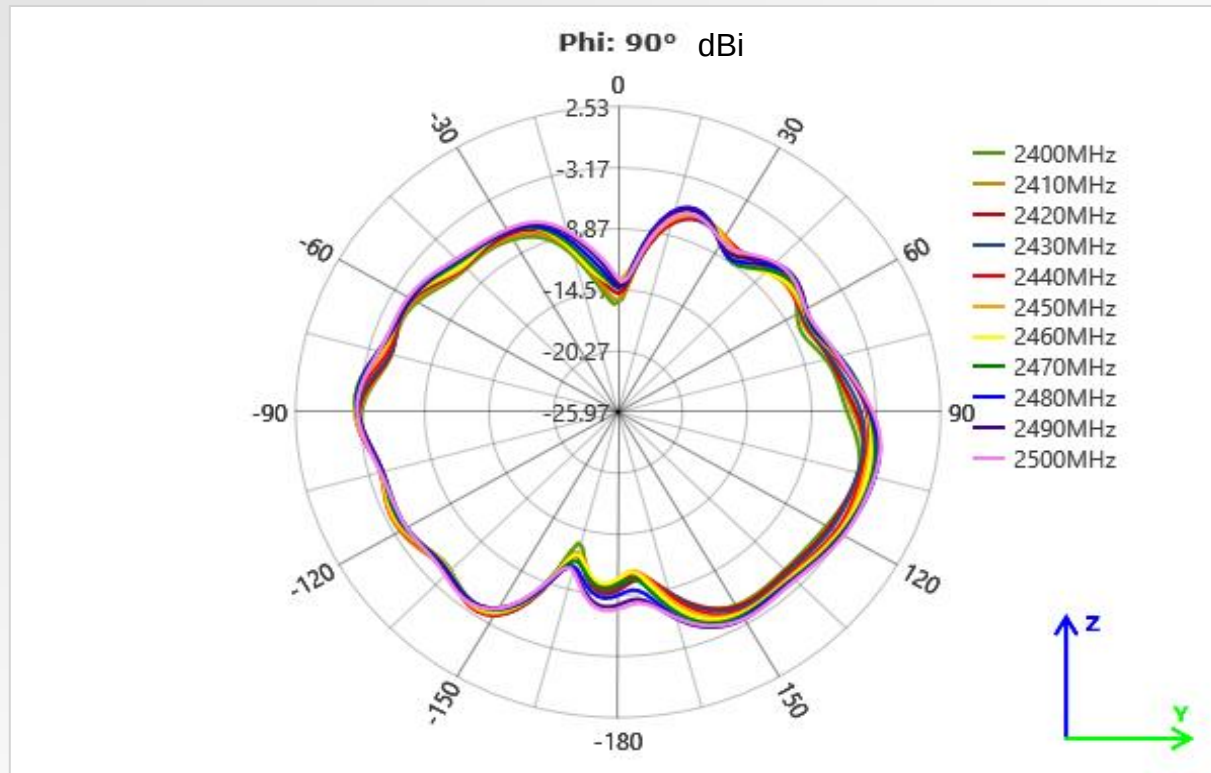
Ant TEST

E1 Plant



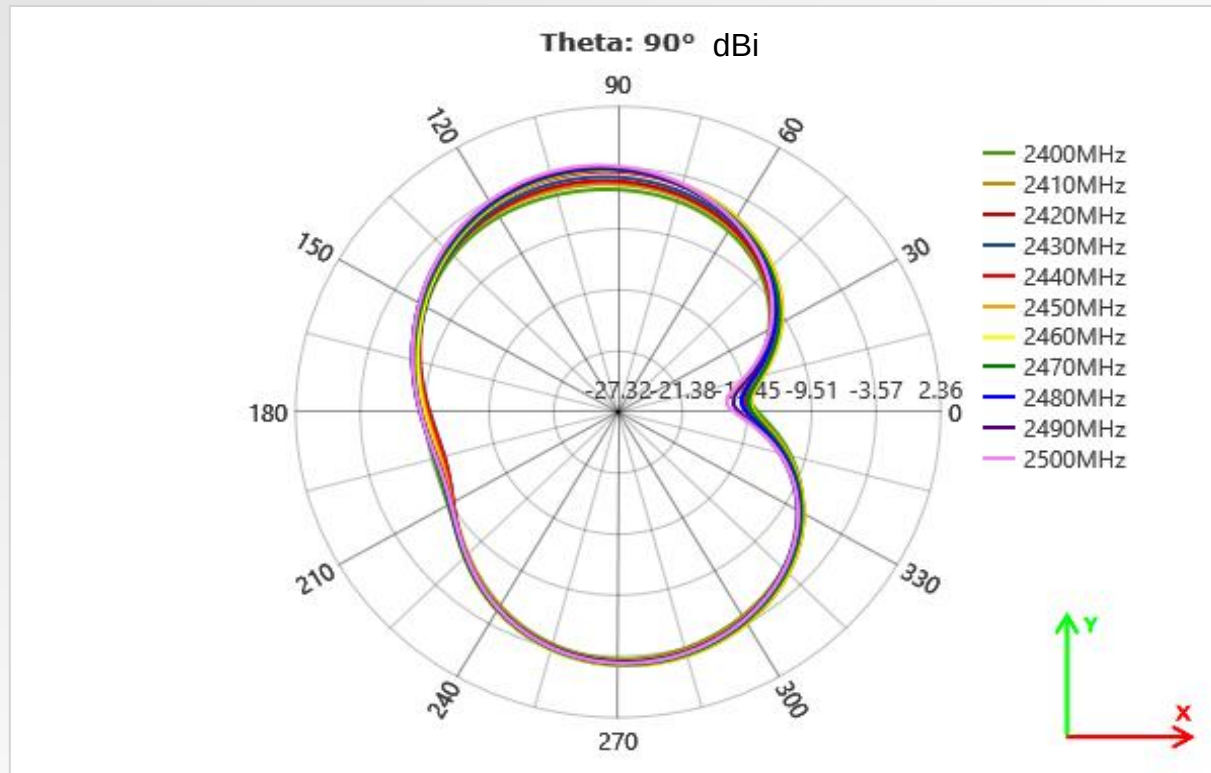
Ant TEST

E2 Plant



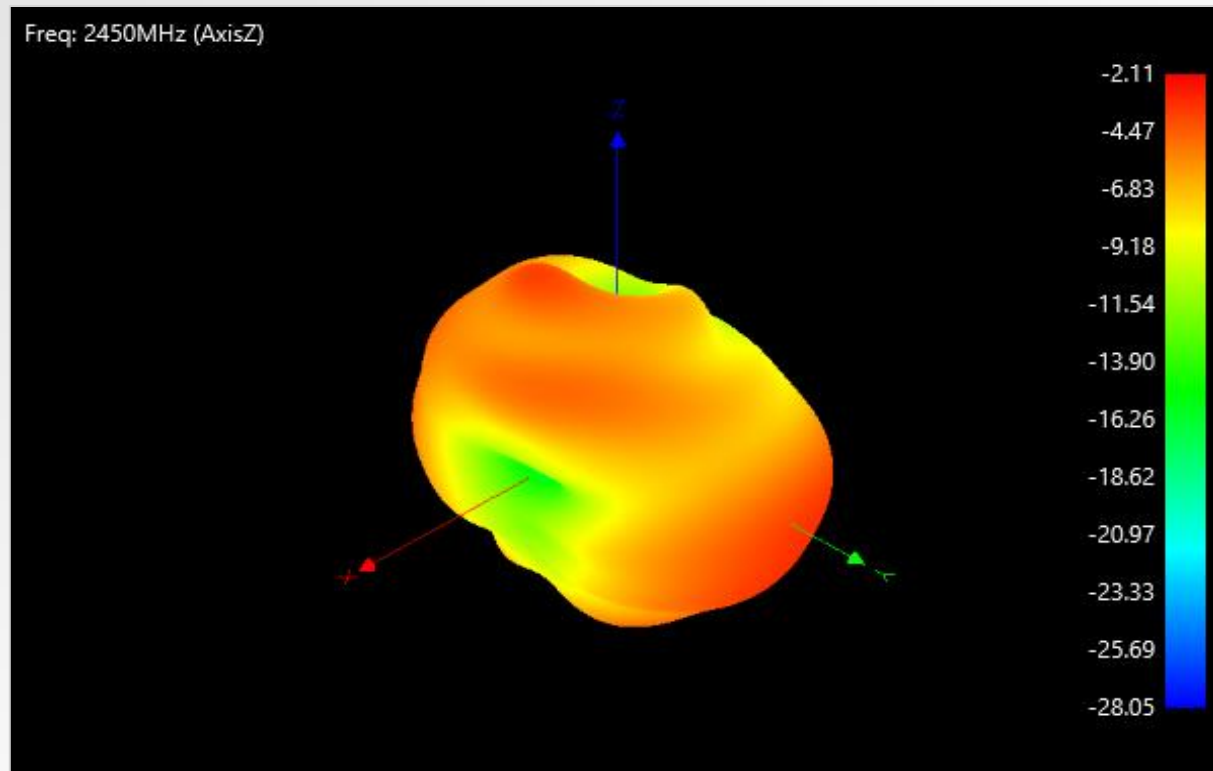
Ant TEST

H plant



Ant TEST

3D Radiation



Thank You



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