

auden

Auden Communications & Multimedia Techno (Kunshan) Co., Ltd Shenzhen branch

SW200 Antenna Test Report

Prepared By: caichengwei

Date of Report: 2022-11-07

P/N: SW200

Manufacturer: Shengyi Technology Co., Ltd.

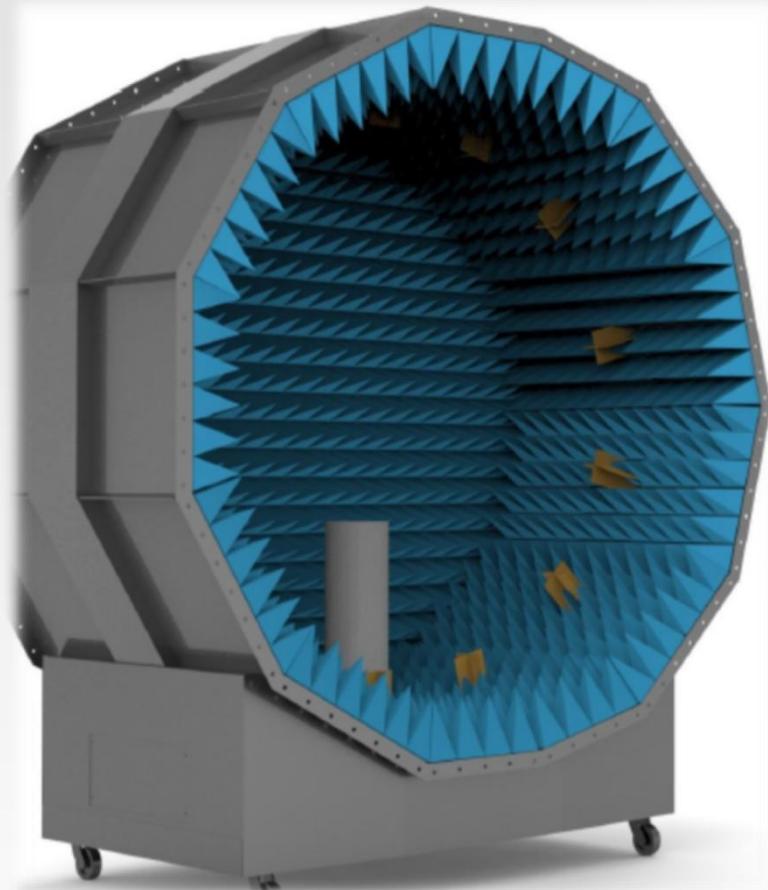


Report History

Date	Rev	Description
2022-11-07	01	TEST BT Efficiency and Gain



Equipment



- Chamber : GTS Rayzone1800
- Network analyzer : Agilent E5071C
- 2G/3G comprehensive tester : Agilent 8960
- LTE comprehensive tester : Anritsu MT8820
- TD comprehensive tester : StarPoint SP6010
- WIFI comprehensive tester : Anritsu MT8860
- GPS Signal Source : Agilent E4438C



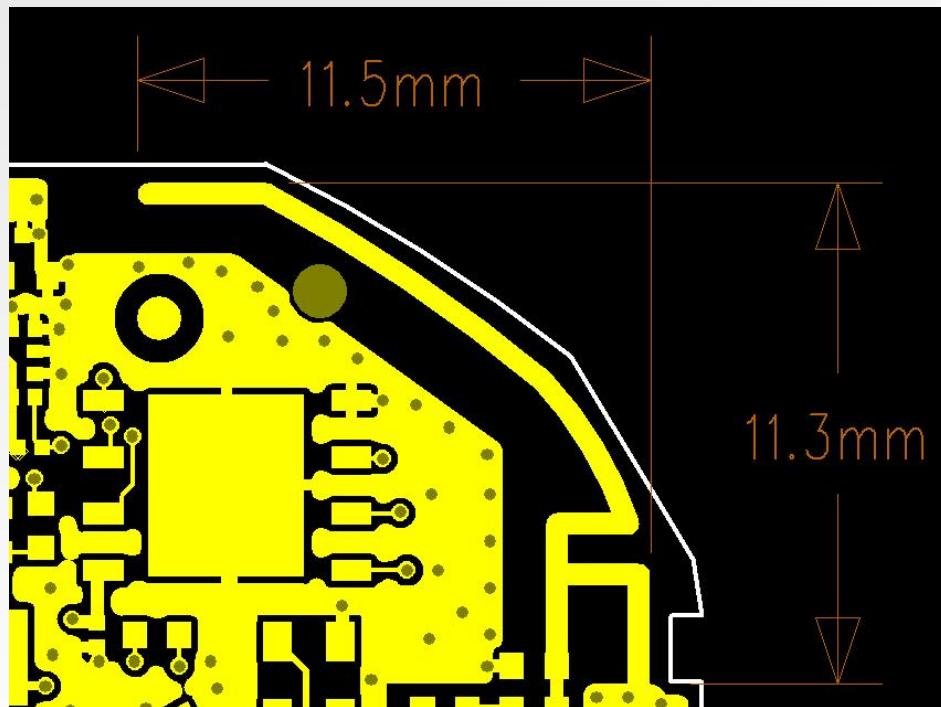
Fixture Environment

BT BAND

Using System	Band	Using System	Band
GSM	-	WIFI / BT	2402MHz-2480MHz
WCDMA	-	GPS	-
TD-SCDMA	-	FM	-
CDMA	-	Others	-
FDD LTE			
TDD LTE			

Antenna information

- Model: SW200 Brand:SYTECH
- Manufacturer: Shengyi Technology Co., Ltd.
- Antenna Type:PCB Antenna
- Dimension (Unit : mm) Frequency Range:2402-2480MHz

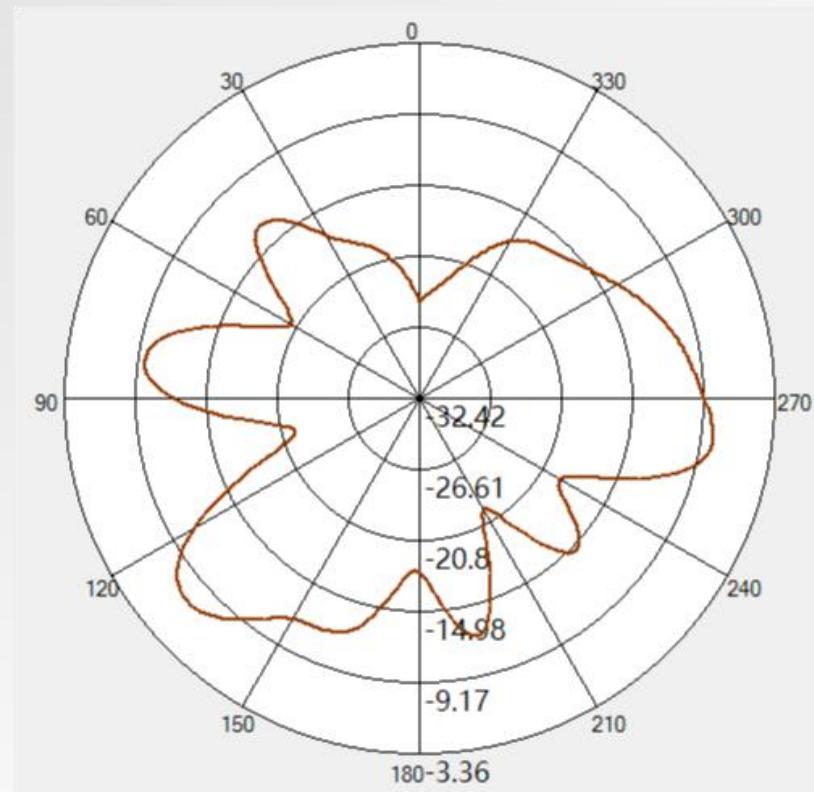


Effic & Gain

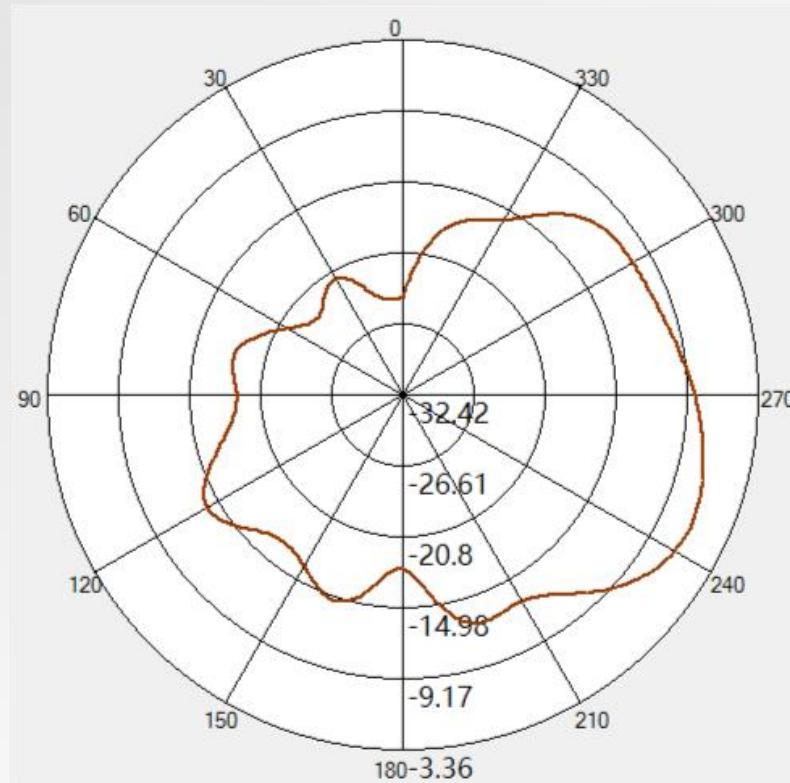
Frequency(MHz)	Eff. (%)	Gain(dBi)
2402	6. 87	-3. 28
2410	7. 11	-3. 37
2420	7. 34	-3. 53
2430	8. 22	-3. 23
2440	9. 10	-2. 96
2450	9. 76	-2. 74
2460	11. 31	-2. 20
2470	12. 38	-1. 83
2480	12. 58	-1. 76



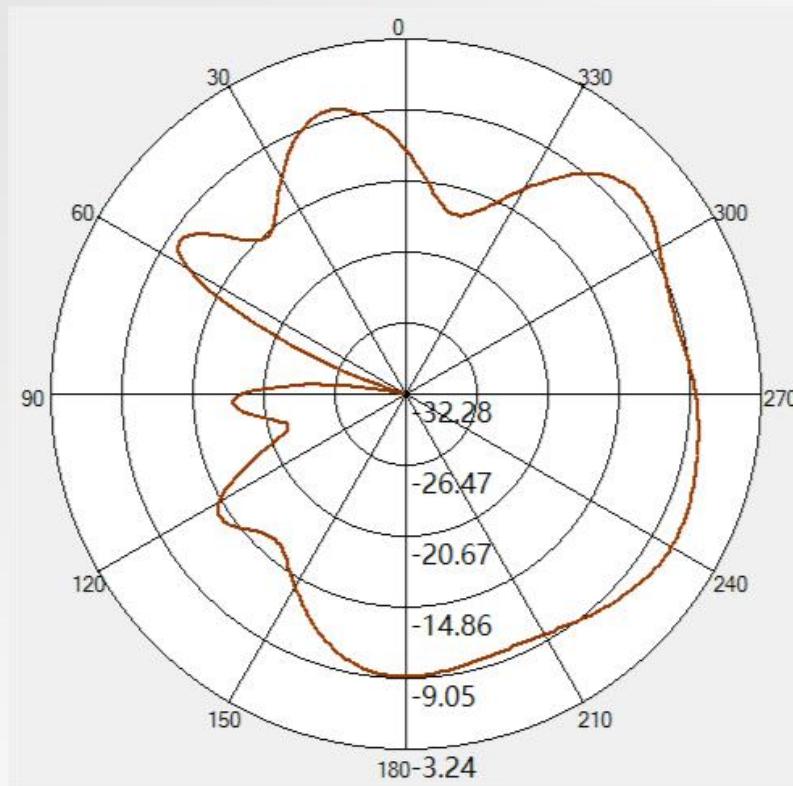
E1 Plant



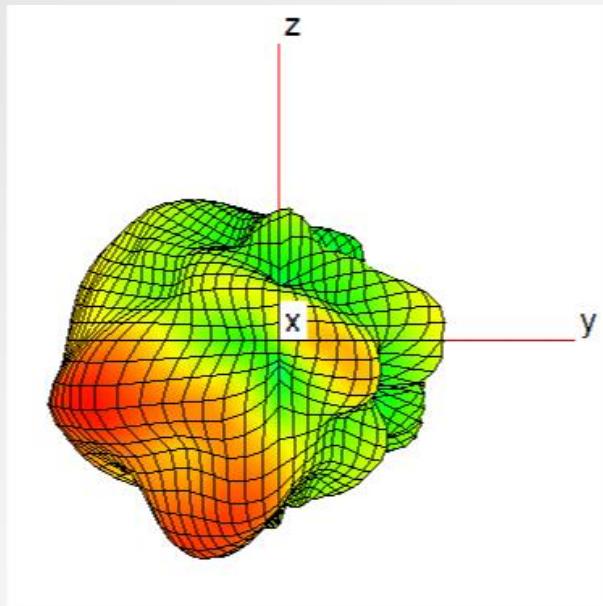
E2 Plant



H plant



3D Radiation



Thank You

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AUDEN ASPIRE
UPGRADE
DEVOTE
EXCELLENCE
NAVIGATOR

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