

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

HW401 Antenna Evaluating Report

Prepared By: caichengwei

Date of Report: 2022-8-26



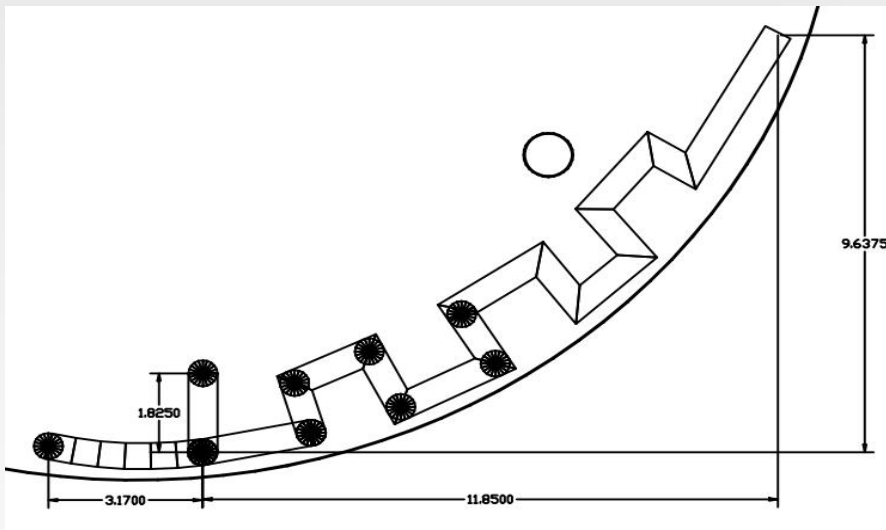
Report History

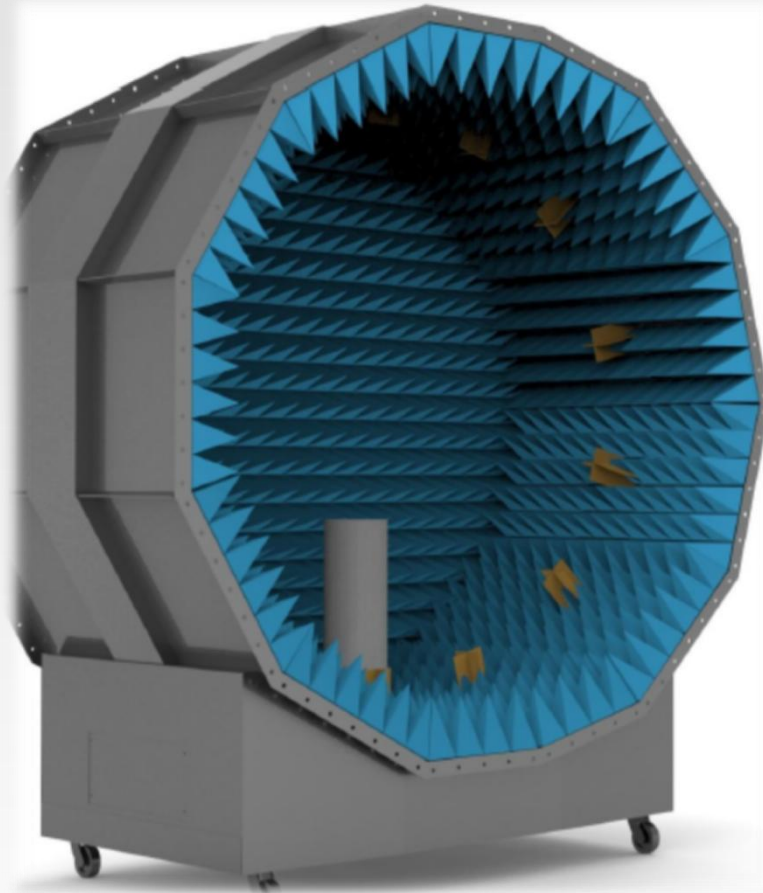
Date	Rev	Description
2022-8-26	01	TEST BT/Ant+ Efficiency and Gain



Manufacturer & DIM

- Manufacturer: Shenzhen Xinzhide Technology Co., Ltd.
- DIM: PCB antenna
- Model: Ant0234 Brand: auden
- Frequency Range: 2400-2500 MHz





- 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



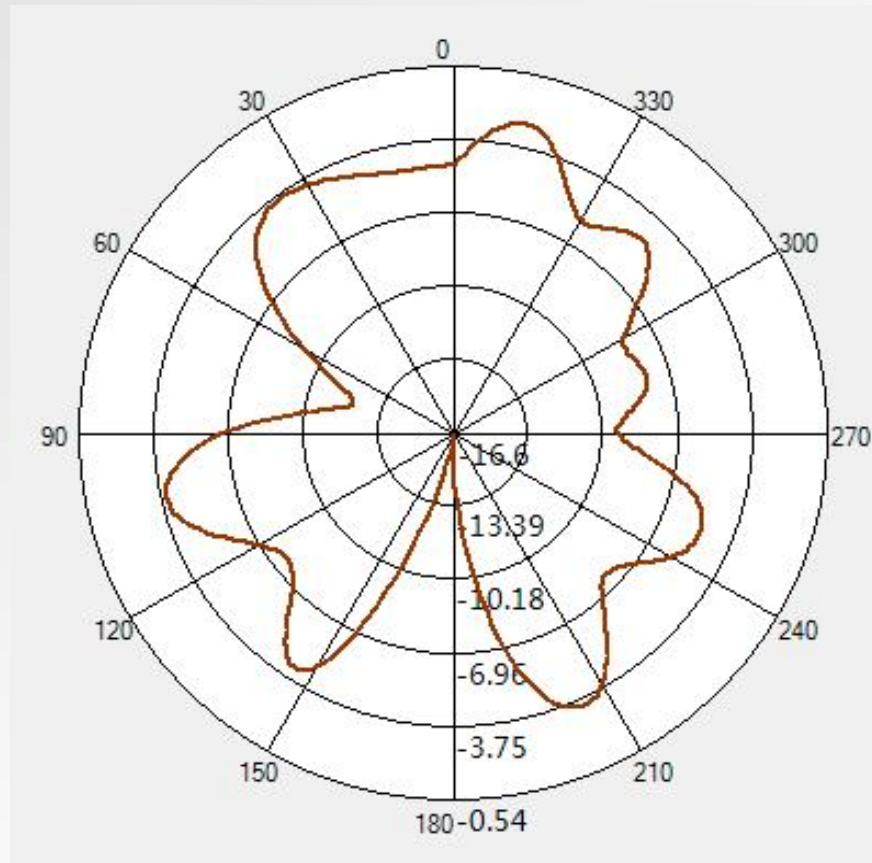
Frequency Range

Using System	Band	Using System	Band
GSM	-	WIFI / BT	2.4G(2400-2500MHz)
WCDMA	-	GPS	-
TD-SCDMA	-	FM	-
CDMA	-	Others	-
FDD LTE	-		
TDD LTE	-		

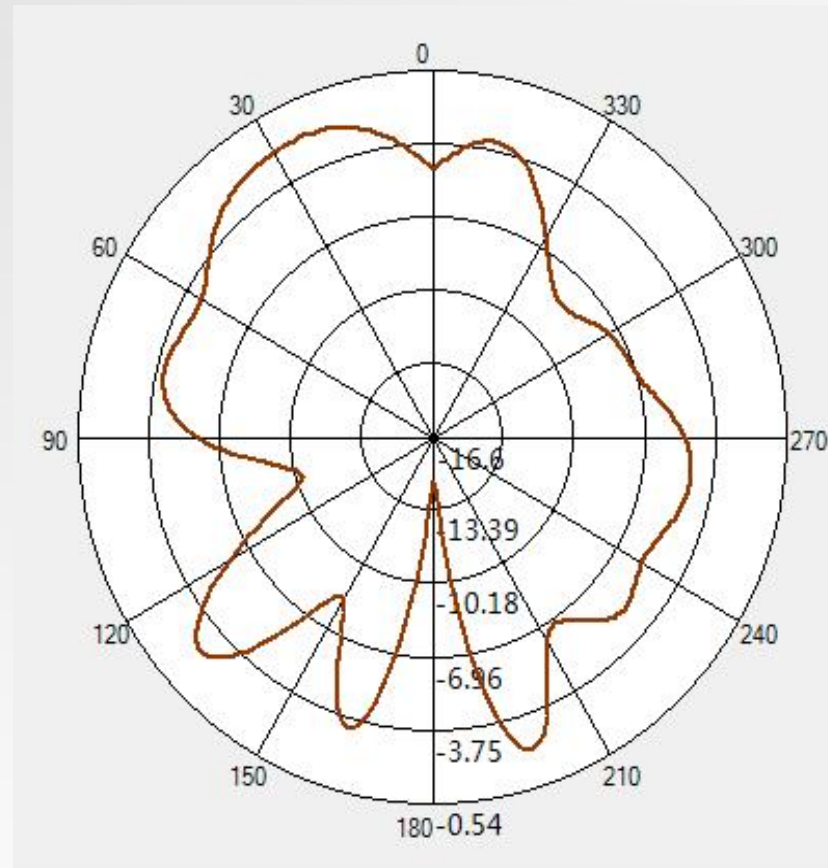
Frequency(MHz)	Eff.	Gain(dBi)
2400	29.90	-1.02
2410	31.26	-0.85
2420	30.18	-0.94
2430	30.27	-0.89
2440	30.18	-0.94
2450	30.10	-0.86
2460	31.97	0
2470	31.95	-0.06
2480	28.97	-0.51
2490	28.79	-0.55
2500	27.96	-0.72



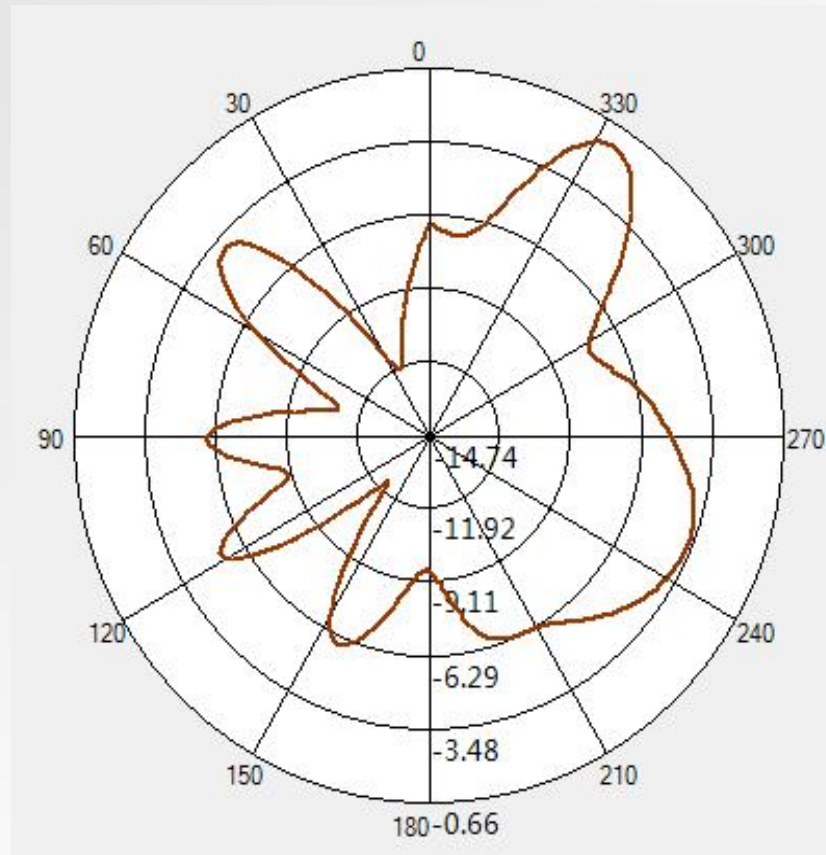
E1 Plant



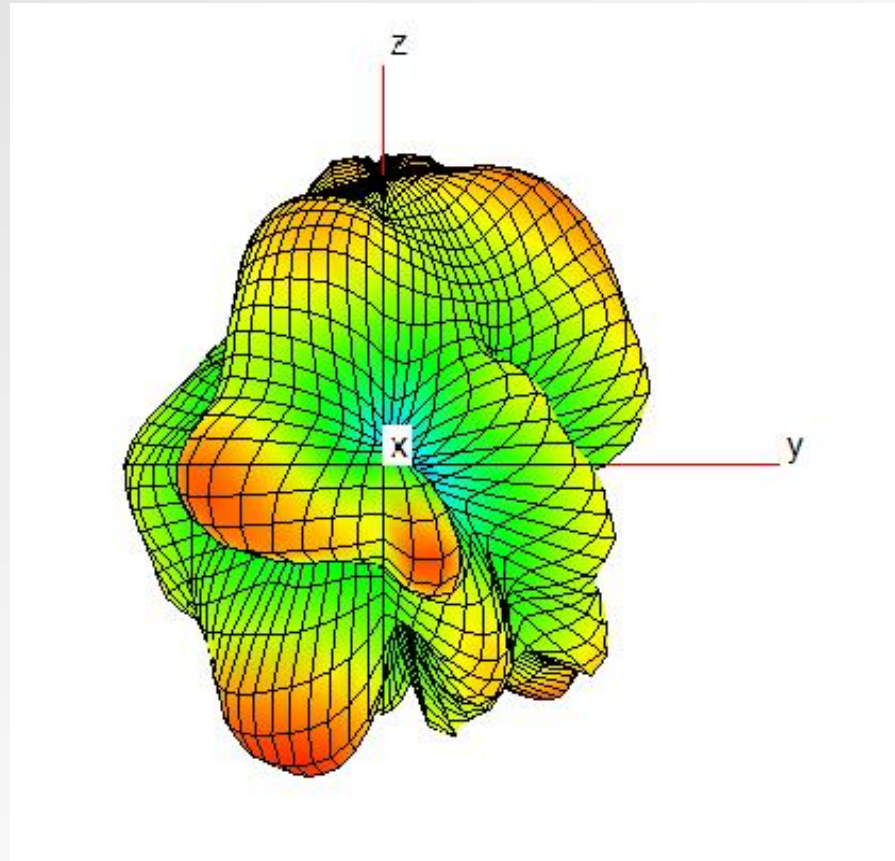
E2 Plant



H plant



3D Radiation



Thank You



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