

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

NN01-110 Antenna Evaluating Report

Prepared By: caichengwei

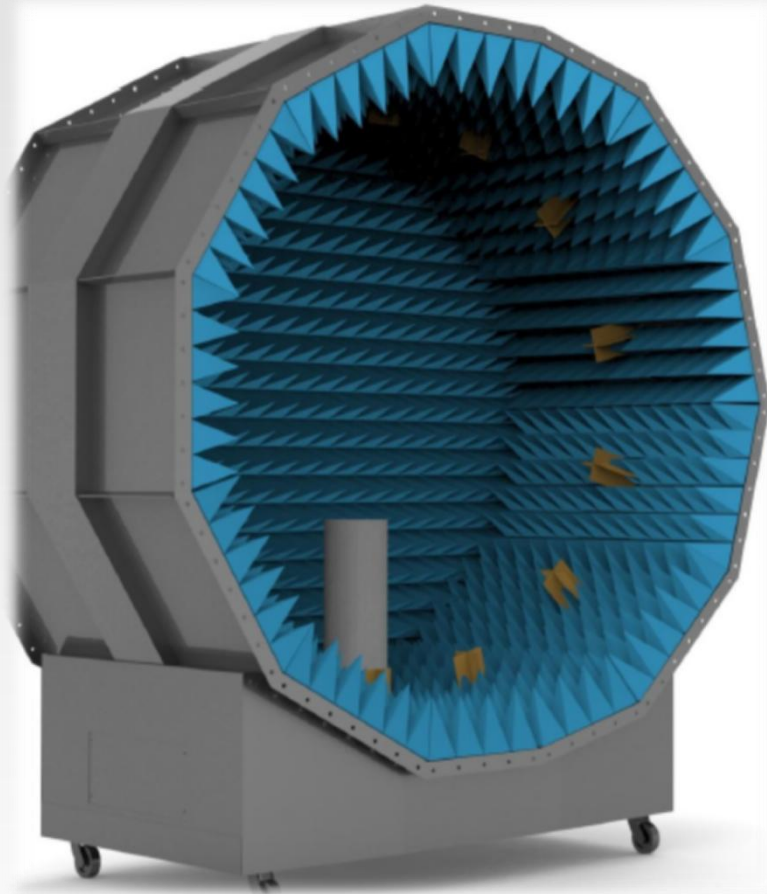
Date of Report: 2023-1-3



Report History

Date	Rev	Description
2023-1-3	01	Test BT&Ant+ Efficiency and Gain





- 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

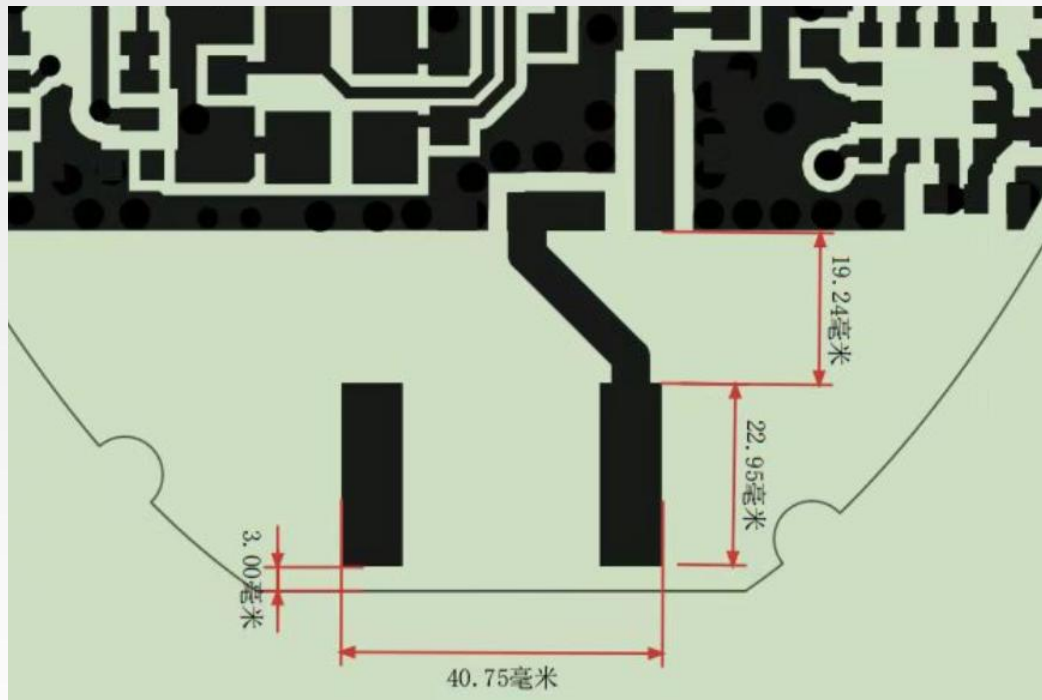


Frequency Range

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

Antenna information

- P/N: NN01-110 Antenna Type:Glass Epoxy Chip Antenna
- Manufacturer: Ignion Micro Reach Xtend™
- Brand:ignion
- Dimension (Unit : mm) :

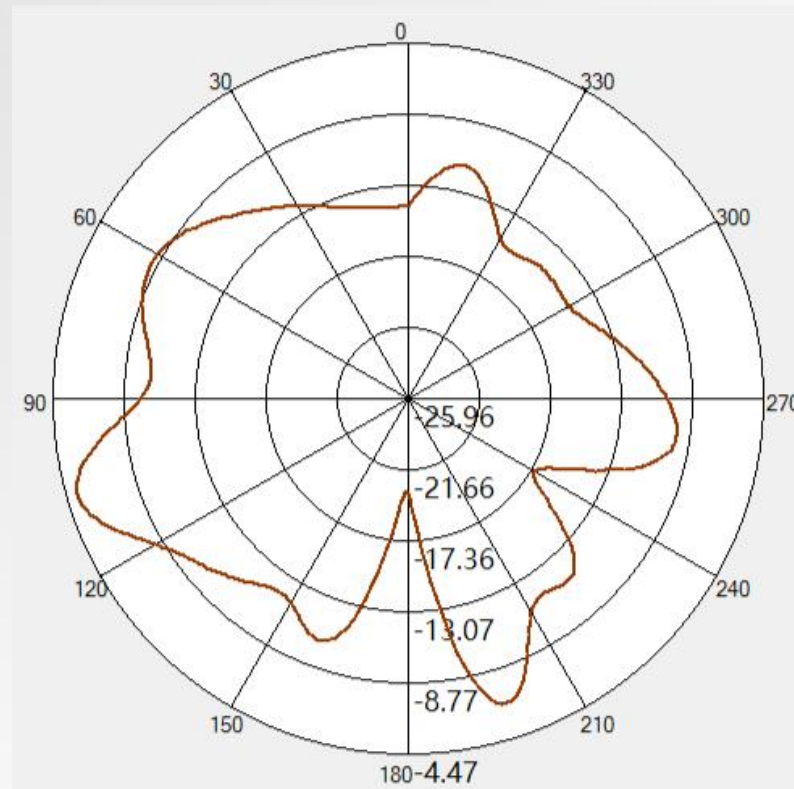


Effic & Gain

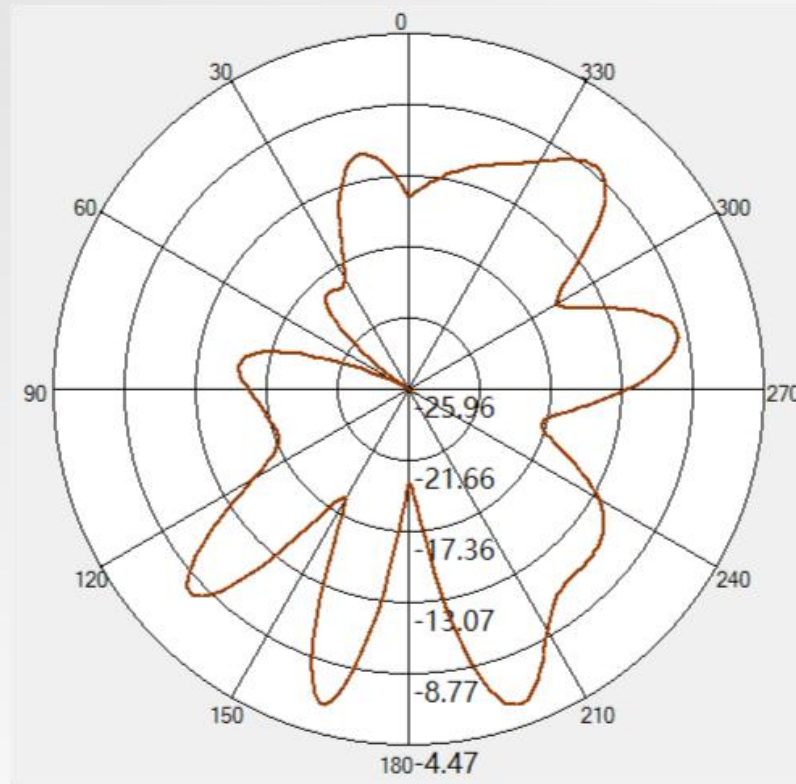
Frequency(MHz)	Eff.(%)	Gain(dBi)
2400	7.79	-4.66
2410	8.63	-4.37
2420	9.33	-4.12
2430	10.88	-3.55
2440	12.51	-3.11
2450	13.64	-2.57
2460	15.86	-1.65
2470	17.14	-1.06
2480	16.73	-0.89
2490	16.79	-0.63
2500	15.75	-0.69



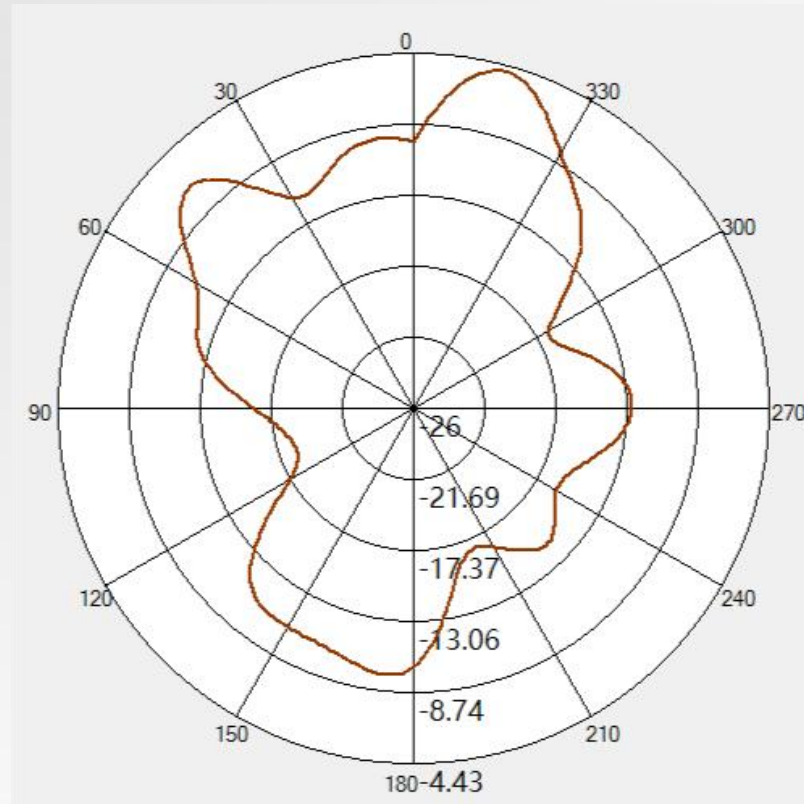
E1 Plant



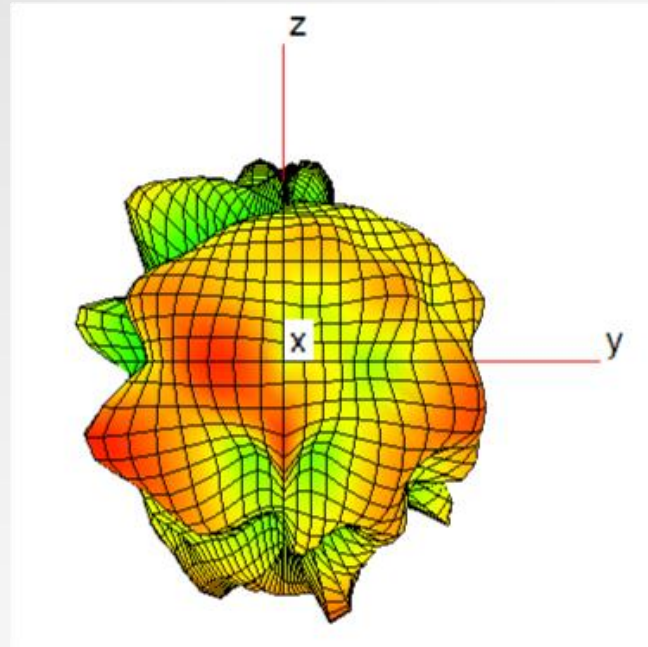
E2 Plant



H plant



3D Radiation



Thank You



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