

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

# ***LS-300 Antenna Evaluating Report***

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**Date of Report: 2023-6-28**



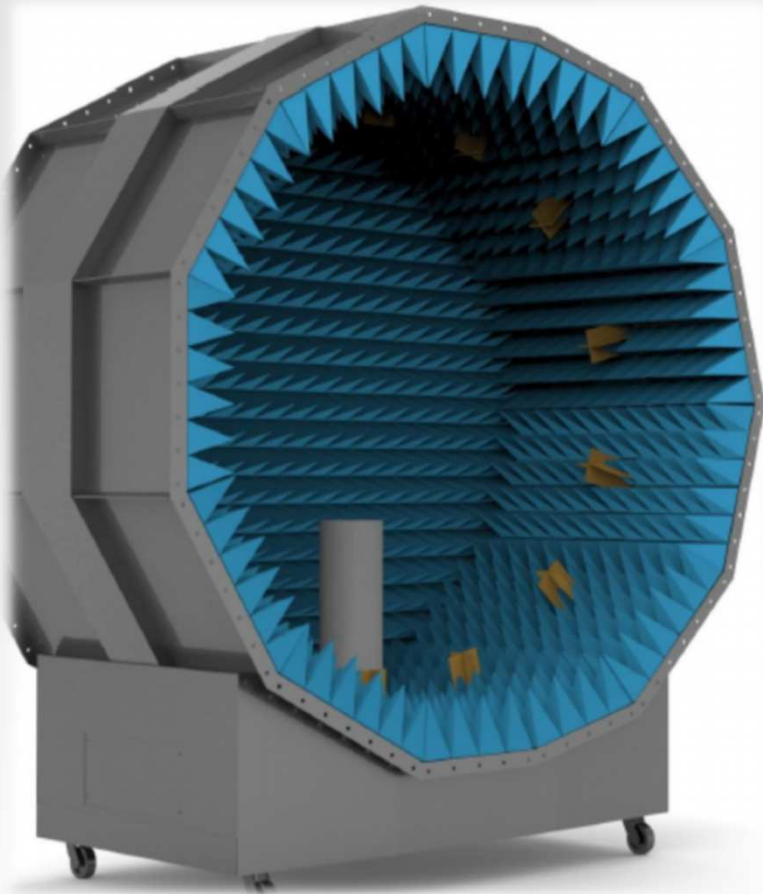
# Report History



Date	Rev	Description
2023-6-28	01	Test Ant Efficiency and Gain



# Equipment



- Chamber : GTS Rayzone1800
- Network Analyzer : Agilent E5071C



# Fixture Environment



## ANT BAND

使用系统	Band	使用系统	Band
GSM	-		2.4G
WCDMA	-	GNSS	-
TD-SCDMA	-	FM	-
CDMA	-	Others	-
FDD LTE	-		
TDD LTE	-		

# Antenna information

- P/N: LS-300 ANT
- Manufacturer: Shenzhen Xinzhide Technology Co., Ltd.
- Dimension (Unit : mm) :



# Ant TEST



## Efficiency & Gain

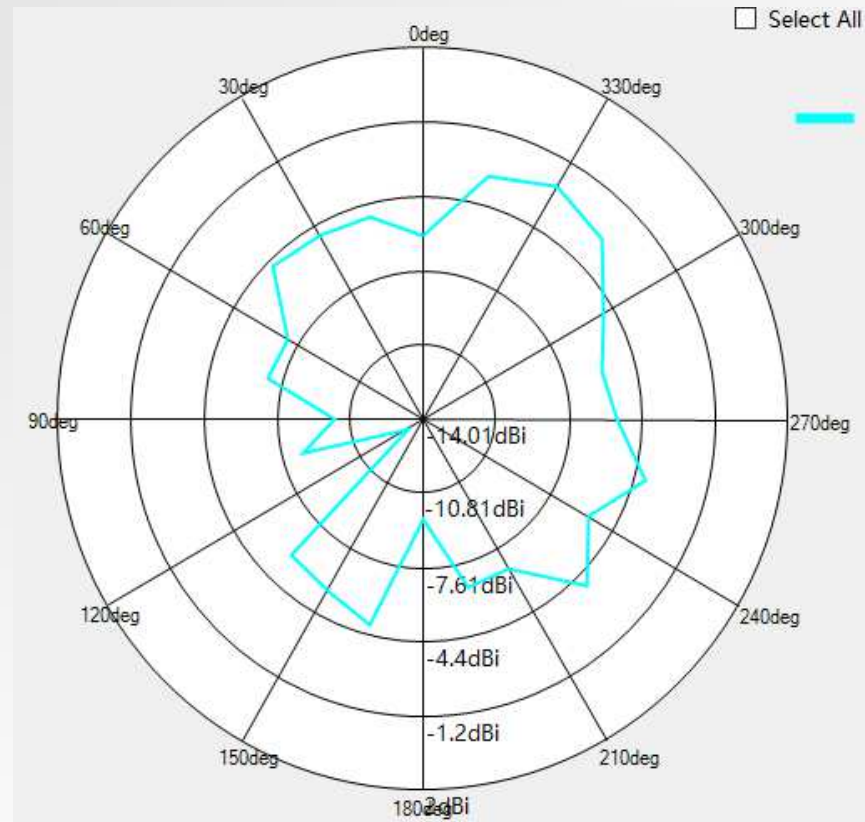
Frequency(MHz)	Eff.(%)	Gain(dBi)
2400	29.06	-2.28
2410	30.86	-2.13
2420	30.6	-2.06
2430	30.35	-1.88
2440	31.27	-1.48
2450	32.56	-1.38
2460	34.94	-0.84
2470	33.6	-0.98
2480	30.04	-1.52
2490	28.92	-1.87
2500	26.54	-2.33



# Ant TEST



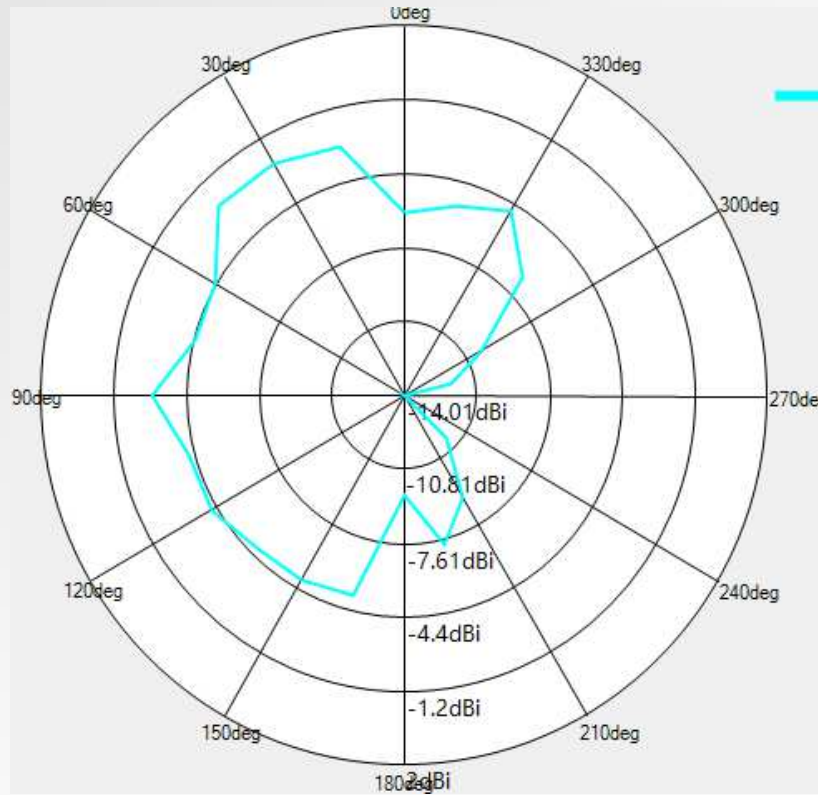
## E1 Plant



# Ant TEST



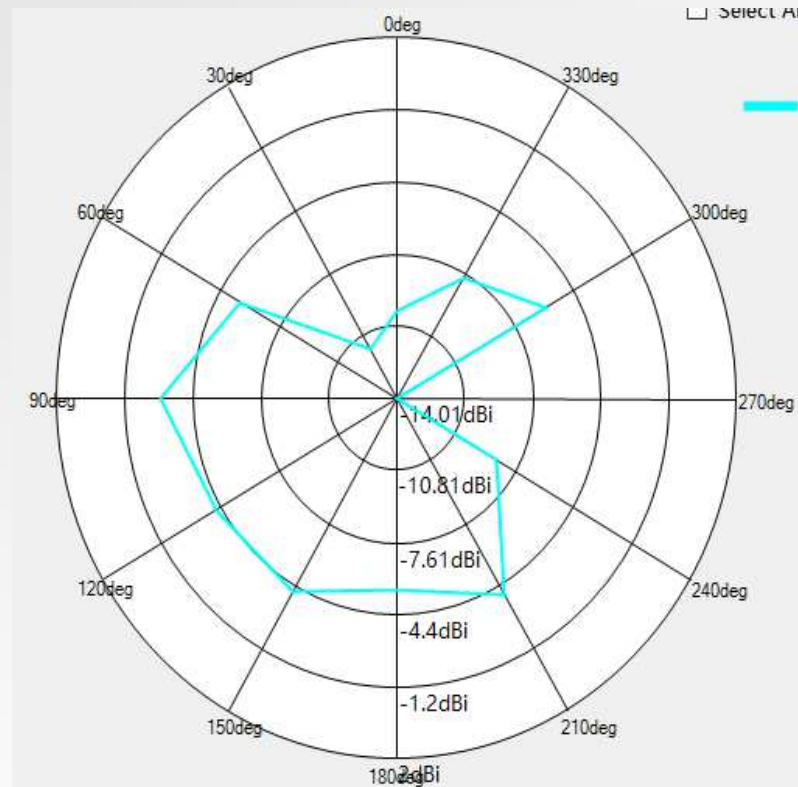
## E2 Plant



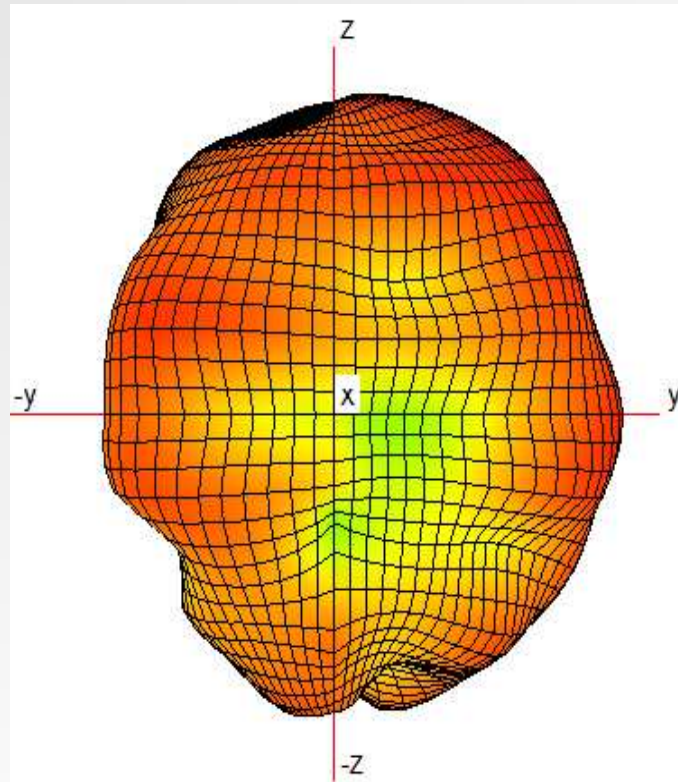


# Ant TEST

H plant



## 3D Radiation



# Thank You



**A**UDEN**A**SPIRE  
**U**PGRADE  
**D**EVOTE  
**E**XCELLENCE  
**N**AVIGATOR

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