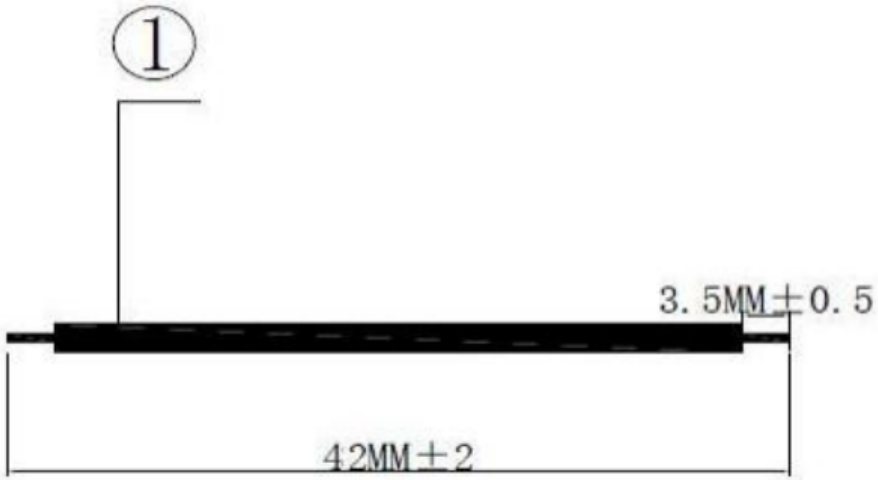
Dongguan Guchuang Electronic Technology Co., Ltd.

Address：Room 902, Building 7, Times Zhirui Technology No. 159 Sanlian Road, Luwu Changping Town Dongguan City Guangdong Province

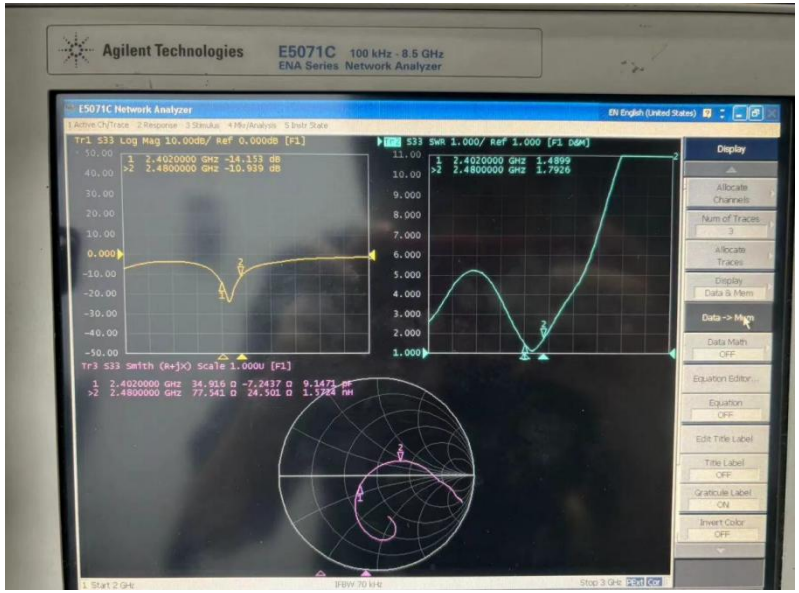
Notes for antenna installation

Electronic wire installation recommendations :

1:The electron line length is in the 24.60mm.
2: The electronic wire is installed on the side of the horn.
3: The end of the electronic wire is fixed with adhesive paper to make the consistency of the batch production good.



Antenna parameters



Freq	2.4GHz	2.5GHz	spce
VSWR	1.48	1.79	＜2
Log Mag	-14.15	-10.93	＜-10

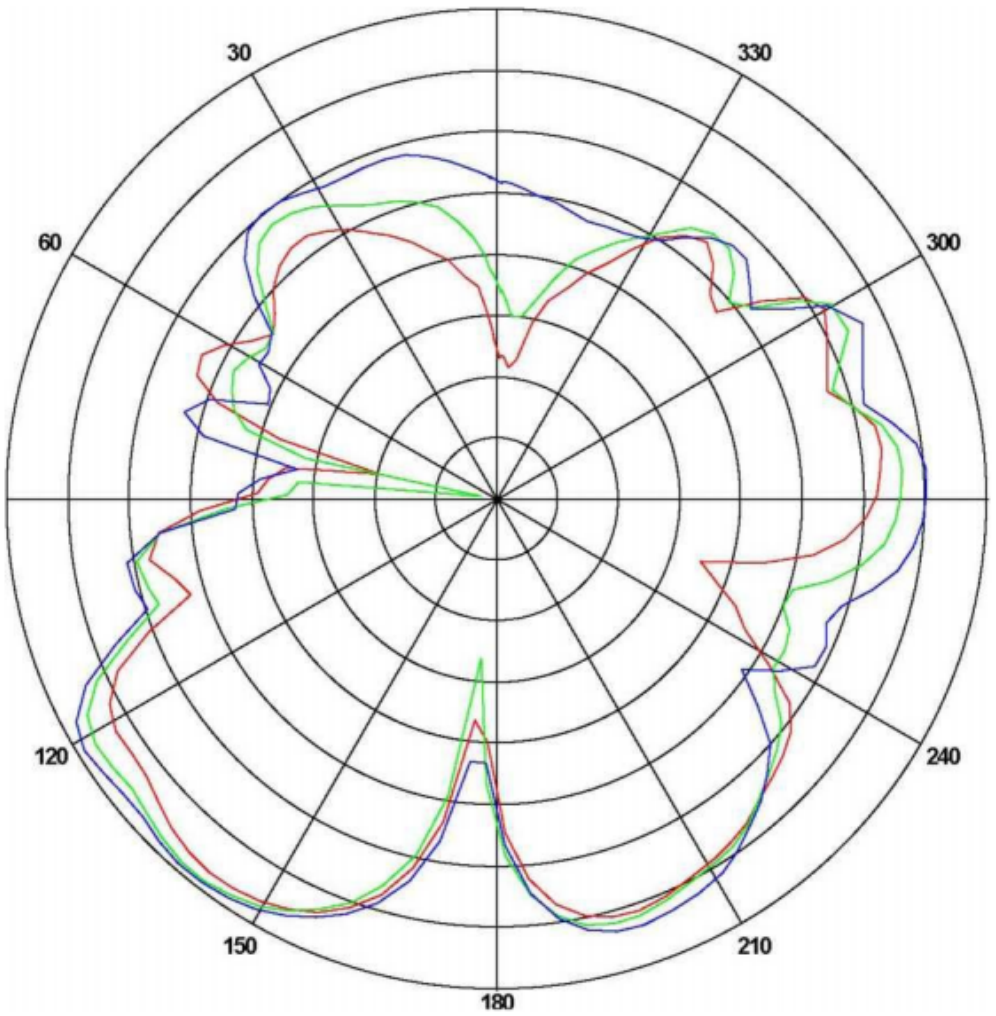
Antenna parameters

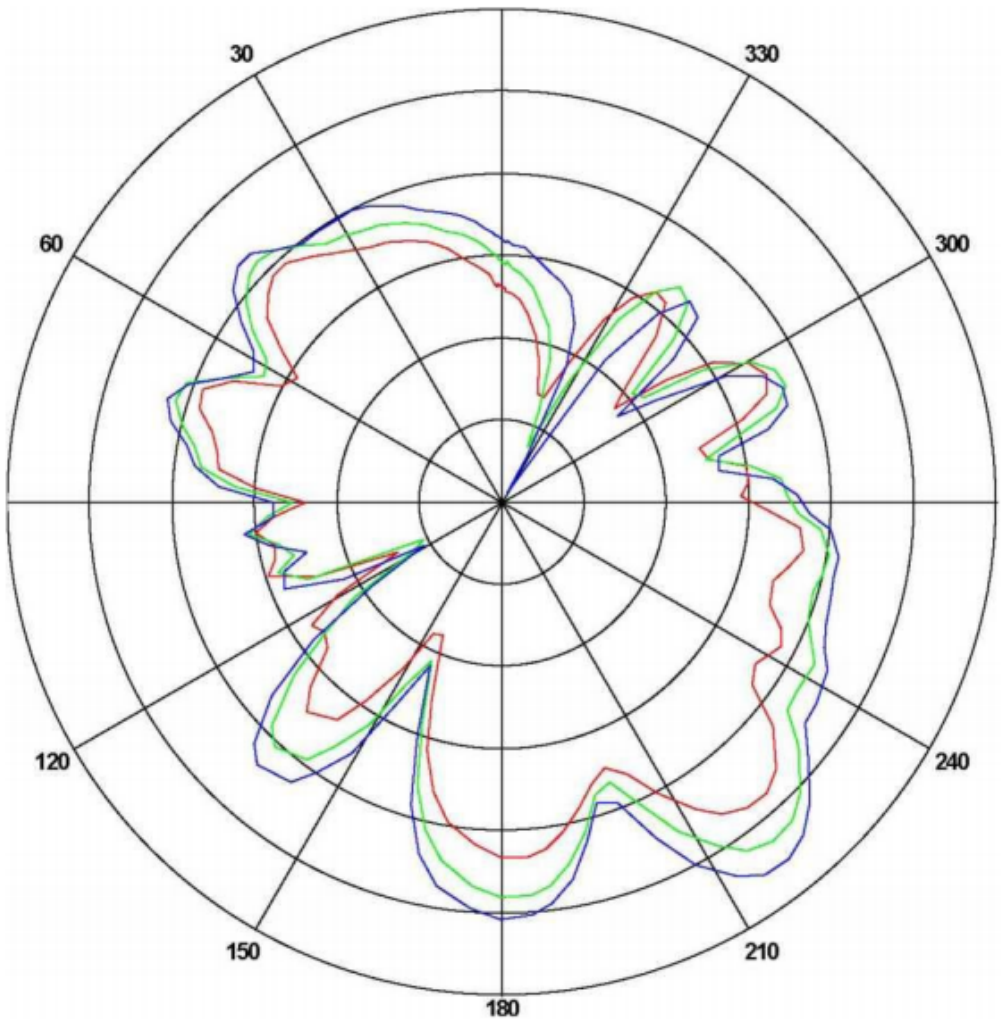
Frequency/Mhz	Efficiency / %	Gain/dBi
2400	4.2	-7.13
2410	4.21	-7.3
2420	4.33	-7.43
2430	4.38	-7.69
2440	4.4	-7.9
2450	4.66	-7.84
2460	4.8	-7.75
2470	5.01	-7.56
2480	4.7	-7.7
2490	4.65	-7.62
2500	4.29	-7.99

The measured distance on the roof of the building

Project	T11-N	Test date	2024.5.9	
Software release		Test location	The measured distance on the roof of the building	
Model	Measuring distance	Metal watchband	Non-metallic watchband	
IOS	Positive effective distance (≥15m)	18	17	
	Back effective distance (≥10m)	10	6	
Android	Positive effective distance (≥15m)	18	18	
	Back effective distance (≥10m)	9	9	

Antenna Radiation Pattern





Thank You!

The Concepts National Income And National Product Have Roughly The Same Value And Can Be Used Interchangeably If Our Interest Is In Their