

Shenzhen Qianmu Communication Technology Co.,Ltd.

No.425 and 443, Floor 4, Building A, Huafeng Zhigu Hangcheng High-tech Industrial Park, Sanwei Community Aviation Road, Hangcheng Street, Baoan District, Shenzhen

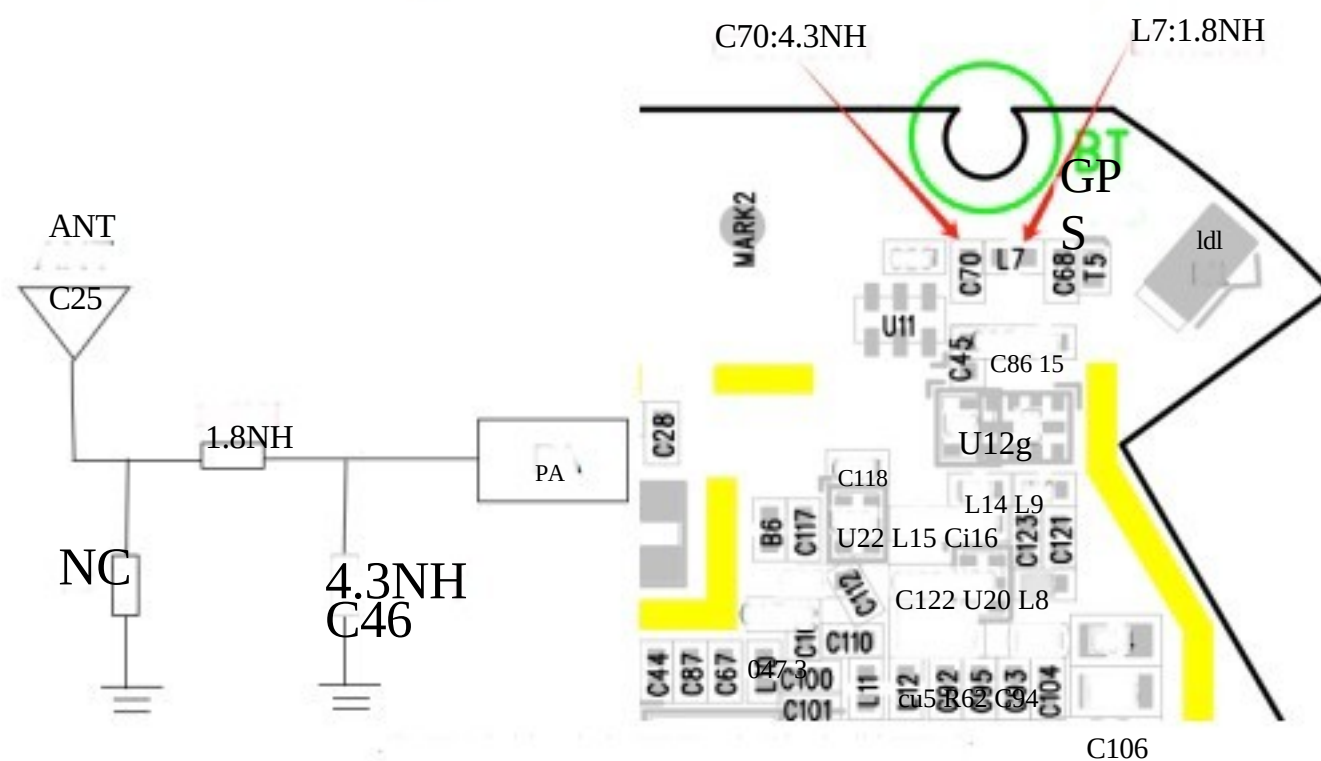
Antenna acknowledgement

Applicable model	G303		
client	Shenzhen weiwo intelligent electronics co., ltd		
Specification description	Product content code	specifications	Customer material
		L	
1	2025-01-10	V1.0	
2			
3			

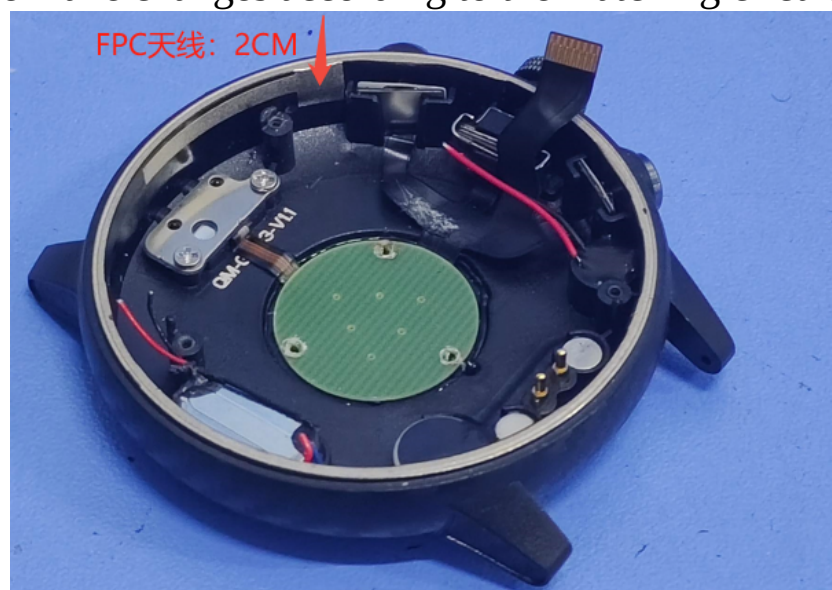
	date		version		Brief description of changes
	2025-04-10		V1.0		New project

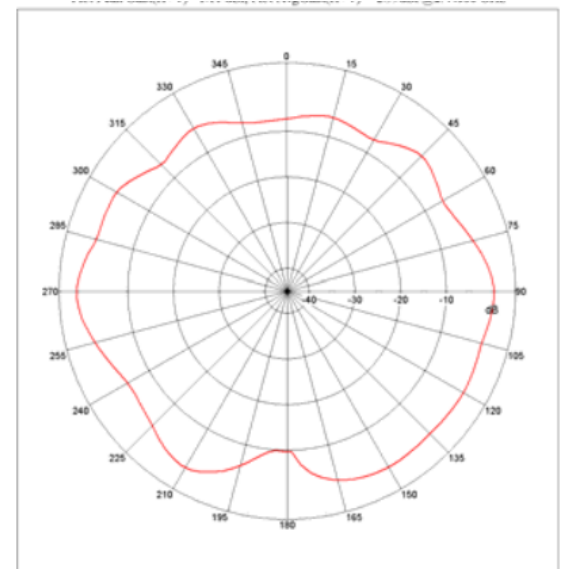
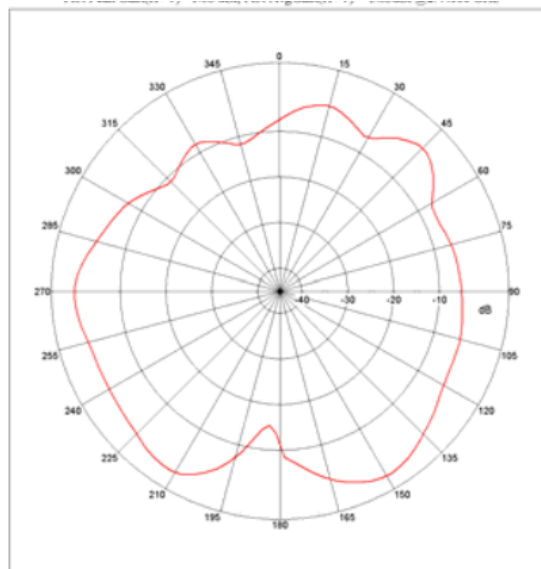
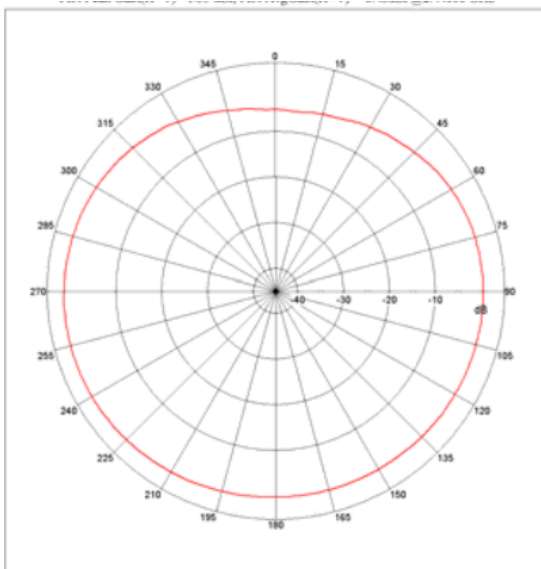
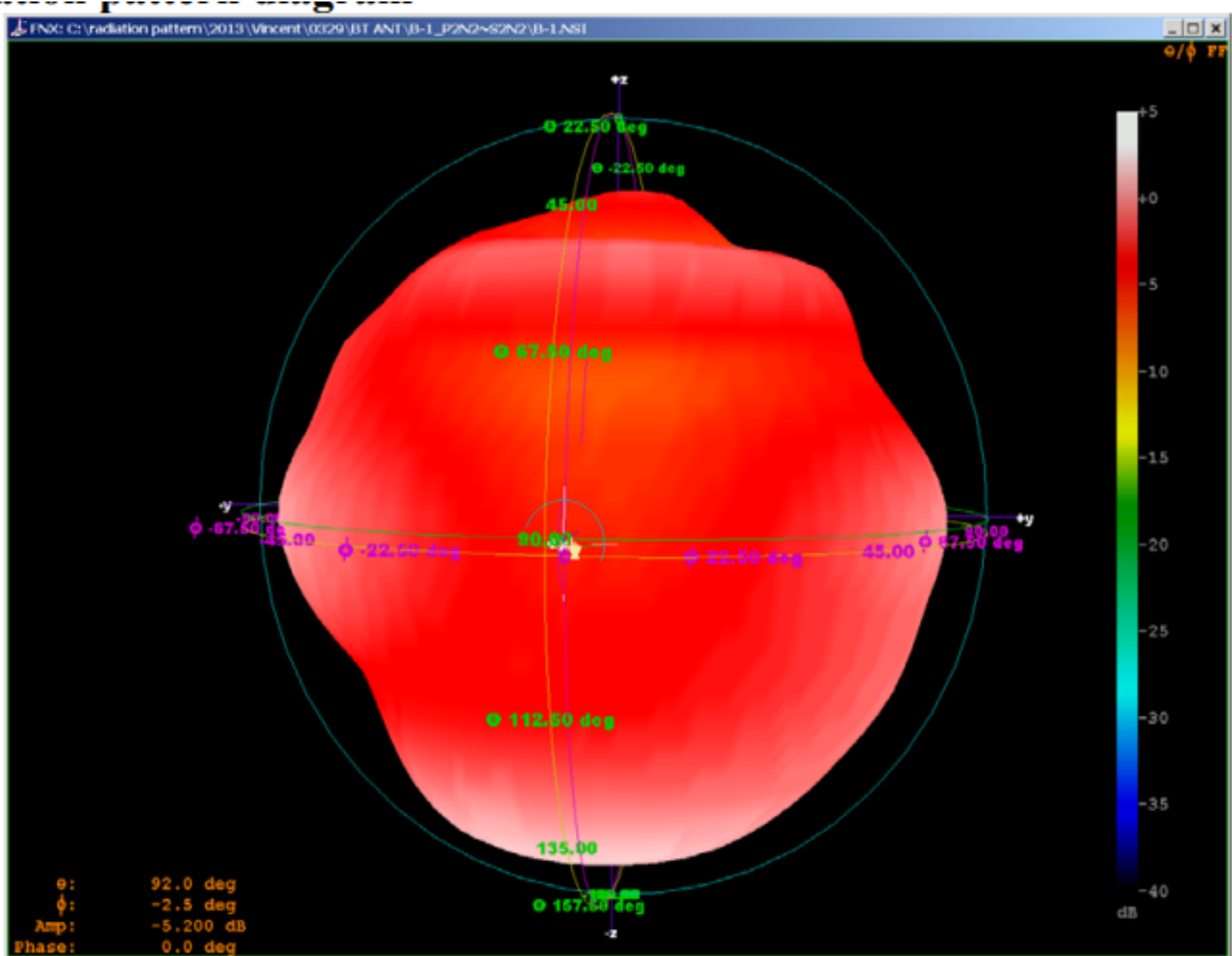
Reasons for rejection or other precautions:

1. Matching circuit -BT antenna



Please make changes according to the matching circuit above.





Quick Reference Data

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500GHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	60.2 %	
Gain (dBi)	-4.65 (Avg Gain XY-plane)	
Maximum Power (dBm)	1.7 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Input Impendence(ohm)	50	
Polarization Type	Vertical & Horizontal	
V. S. W. R	< 1.4	

4. Engineering drawings

[illegible]