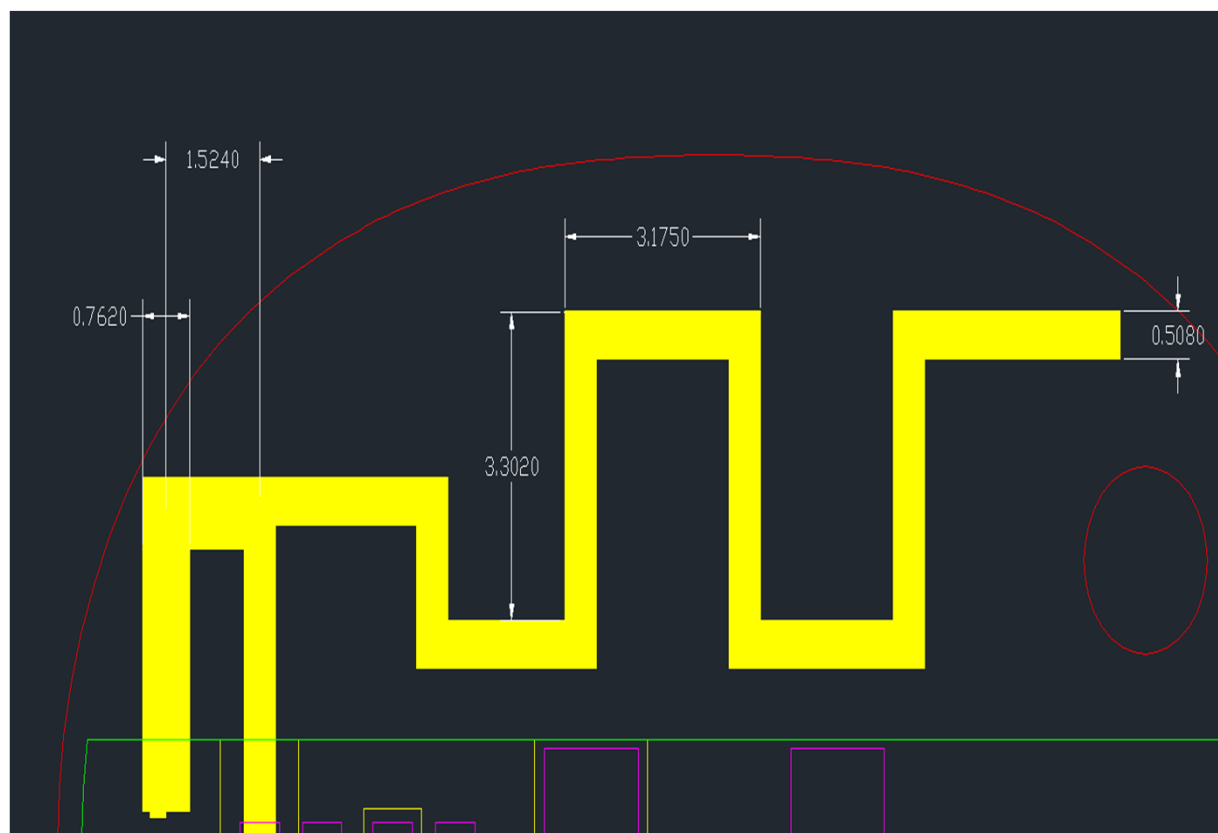


Specifications for onboard PCB antennas

Manufacturer:Nanchao Technology (Shenzhen) Co., Ltd.

Specification	
1.1 Electrical Properties	
Characteristics	Specifications
Working Band	2.4G
Antenna From	PCB
Impedance	50 Ω
Polarization	Linear
Peak Effi	48%@2.4G (typical)
Peak Gain	0.76dBi@2.4G (typical)
1.2 Physical Properties	
Characteristics	Specifications
Operating Temp	-20℃--60℃
Storage Temp	-20℃--70℃
Humidity	10~95%RH

Size specifications (mm)



Test Data					
	Efficiency Table				
	Freq (MHz)	Effi (%)	Effi (db)	Gain (dbi)	
	2400	31.14	-4.78	0.76	
	2410	29.92	-5.00	0.61	
	2420	30.06	-4.98	0.36	
	2430	29.81	-5.01	0.31	
	2440	30.1	-4.97	0.22	
	2450	32.43	-4.66	0.27	
	2460	32.38	-4.67	0.06	
	2470	31.35	-4.80	-0.33	
	2480	31.03	-4.84	-0.34	