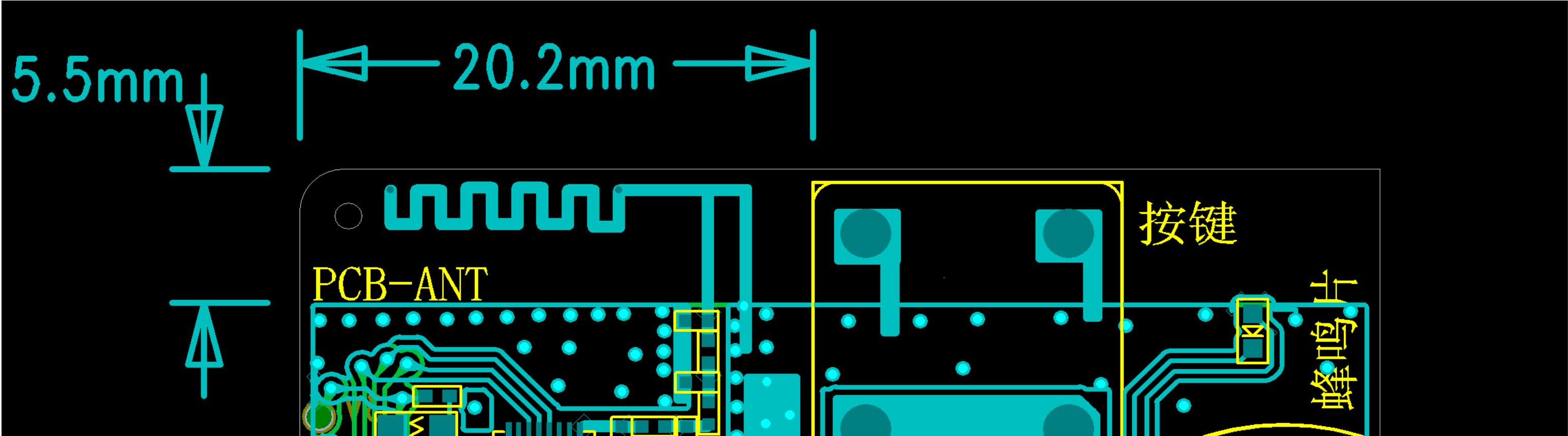


RHK51A Antenna test report

		Shenzhen Xinyi Technology Co., LtdTel: 0755-82997688																			
Test data report		Address: 2nd Floor, Building 5, Yifenghua Innovation Industrial Park, Dalang Street, Longhua District, Shenzhen																			
Software version: SNF V2.0.5 Export time: 2025/11/27 11:25:21																					
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Frequency (MHz)	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550
Gain (dBi)	-3.75	-3.59	-3.55	-3.01	-2.55	-2.15	-2.00	-1.89	-1.63	-1.65	-1.95	-2.45	-2.55	-2.36	-2.38	-2.47	-2.70	-2.78	-3.16	-3.55	-3.65
Peak Gain Position (Theta)	146.00	145.00	145.00	145.00	144.00	144.00	145.00	145.00	145.00	145.00	145.00	145.00	145.00	144.00	144.00	144.00	145.00	146.00	147.00	148.00	148.00
Peak Gain Position (Phi)	134.00	134.00	135.00	137.00	139.00	139.00	139.00	139.00	137.00	135.00	136.00	136.00	137.00	136.00	136.00	138.00	140.00	143.00	144.00	145.00	142.00
Efficiency (dB)	-8.16	-7.80	-7.38	-6.79	-6.40	-6.16	-6.02	-5.92	-5.82	-5.86	-5.92	-6.09	-6.09	-5.94	-5.98	-6.10	-6.30	-6.57	-7.11	-7.50	-7.97
Efficiency (%)	15.29	16.60	18.28	20.93	22.90	24.23	25.02	25.56	26.16	25.95	25.57	24.58	24.58	25.48	25.23	24.57	23.47	22.05	19.45	17.79	15.96
Plane: Phi=0	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550
Plane: Phi=90	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550
Plane: Theta=90	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550

Antenna Photo & Length (mm)



3D Gain Pattern (2430MHz) Unit: dBi

