Emission circuit description：

The remote controller is transmitted wirelessly over 2.4g,MCU (U1:PAN2416) and the control lever are connected with the button to obtain the user's control， According to certain agreements，Write wireless transmission chip (U1:PAN2416).2.4g chip radiates into the air through ANT antenna.

Signal process:

The product has 3 rocker channels: throttle (Thro), steering (Yaw), front and back (Pitch),User drives rocker potentiometer Ω value 0 ~ 5 k change, said the user push the joystick, promoted the how much, what the current moment in stroke.
The product has 2 rocker channel fine tuning buttons, respectively: steering +, steering.Each phase has 32 levels and each channel has 64 levels.

The above is the human-computer interaction interface，the remote control samples the status of these three functions in real time，Joystick push amount, joystick channel fine tuning amount, whether there is a function button under， after getting these signals，MCU (U1:PAN2416) USES these signals and mixed encryption protocol for data packet.
Through SPI communication, write data to 2.4g chip (U1:PAN2416), write data to be completed, control the emission frequency, and radiate electromagnetic waves into the air through ANT!

Operating frequency range:2420MHz~2465MHz。

Frequency list：↓

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2420	23	2443
1	2421	24	2444
2	2422	25	2445
3	2423	26	2446
4	2424	27	2447
5	2425	28	2448
6	2426	29	2449
7	2427	30	2450
8	2428	31	2451

9	2429	32	2452
10	2430	33	2453
11	2431	34	2454
12	2432	35	2455
13	2433	36	2456
14	2434	37	2457
15	2435	38	2458
16	2436	39	2459
17	2437	40	2460
18	2438	41	2461
19	2439	42	2462
20	2440	43	2463
21	2441	44	2464
22	2442	45	2465