Baud rate: The baud rate of the upper computer has been set to 921600 by default, and the baud rate of the serial port of the lower computer is 921600. Sending data must end with an enter newline character (\r\n || 0A 0D).

Part1：

1. Set the frequency and offset of 9 pages:

Set the first：“AXXXX±XX.X” If you set the frequency to 5658 and the offset to +10, then send "A5658+10.0"; to set the remaining eight, you only need to change the first letters to: BCDEFGHI, in proper order and the rest are the same;

1. One-key setting (clearing):

Similar to individual setting，“AXXXX±XX.XBXXXX±XX.XCXXXX±XX.X……”Connect the 9 interface data in sequence without interval according to the individually set format;

1. Change the sampling rate of the lower computer:

There are three speeds. The default is medium speed, which can be changed by sending "S0", "S1", and "S2" respectively.

Part2:

1. Data synchronization:

The upper computer sends "Read" downwards. After receiving the data, the lower computer will follow the 9 pages of data as "RXXXX±XX.XXXXX±XX.XXXXX±XX.XXXXX±XX.XXXXX±XX.XXXXX±XX.XXXXX ±XX.XXXXX±XX.XXXXX±XX.X" format is sent to the host computer, the format is similar to that in Part1, each page is set separately;

1. The wave data is sent up:

After the lower-level opportunity processes and calculates the collected data, it sends up the penultimate digit in the format "a±XXXXXXXX(u||m||w)A" as the unit of power (W), and the corresponding relationship is: u-uW ,m-mW,wW, such as "a-39200011uA" means -39, 2dBm, 0.11uW; "a+25838194mA" means 25.8dBm, 381.94mW.

#In the high-speed operation mode, problems such as the failure of data transmission and reception of the lower computer are prone to occur