UBLOX 常用设置参数

可以通过串口发送指令，如果使用电脑串口软件发送设置命令的时候需要选 HEX 。

UBLOX 模块上电初始化需要 300ms，UBLOX 模块上电 300ms 之后，请从 CPU 经由串口发送以下十六进制配置命令：

1.关闭输出命令

```
/**************************************************************************************/
24 45 49 47 50 51 2c 44 54 4d 2a 33 42 0d 0a b5 62 06 01 03 00 f0 0a 00 04 23   --> Close GPDTM OutPut
24 45 49 47 50 51 2c 47 42 53 2a 33 30 0d 0a b5 62 06 01 03 00 f0 09 00 03 21   --> Close GPGBS OutPut
24 45 49 47 50 51 2c 47 47 41 2a 32 37 0d 0a b5 62 06 01 03 00 f0 00 00 fa 0f   --> Close GPGGA OutPut
24 45 49 47 50 51 2c 47 4c 4c 2a 32 31 0d 0a b5 62 06 01 03 00 f0 01 00 fb 11   --> Close GPGLL OutPut
24 45 49 47 50 51 2c 47 52 53 2a 32 30 0d 0a b5 62 06 01 03 00 f0 06 00 00 1b   --> Close GPGRS OutPut
24 45 49 47 50 51 2c 47 53 41 2a 33 33 0d 0a b5 62 06 01 03 00 f0 02 00 fc 13   --> Close GPGSA OutPut
24 45 49 47 50 51 2c 47 53 54 2a 32 36 0d 0a b5 62 06 01 03 00 f0 07 00 01 1d   --> Close GPGST OutPut
24 45 49 47 50 51 2c 47 53 56 2a 32 34 0d 0a b5 62 06 01 03 00 f0 03 00 fd 15   --> Close GPGSV OutPut
24 45 49 47 50 51 2c 52 4d 43 2a 33 41 0d 0a b5 62 06 01 03 00 f0 04 00 fe 17   --> Close GPRMC OutPut
24 45 49 47 50 51 2c 56 54 47 2a 32 33 0d 0a b5 62 06 01 03 00 f0 05 00 ff 19   --> Close GPVTG OutPut
24 45 49 47 50 51 2c 5a 44 41 2a 33 39 0d 0a b5 62 06 01 03 00 f0 08 00 02 1f   --> Close GPZDA OutPut
/**************************************************************************************/
```

2.打开输出命令

```
/******************************************************************************************/
24 45 49 47 50 51 2c 44 54 4d 2a 33 42 0d 0a b5 62 06 01 03 00 f0 0a 01 05 24   --> Open GPDTM OutPut
24 45 49 47 50 51 2c 47 42 53 2a 33 30 0d 0a b5 62 06 01 03 00 f0 09 01 04 22   --> Open GPGBS OutPut
24 45 49 47 50 51 2c 47 47 41 2a 32 37 0d 0a b5 62 06 01 03 00 f0 00 01 fb 10   --> Open GPGGA OutPut
24 45 49 47 50 51 2c 47 4c 4c 2a 32 31 0d 0a b5 62 06 01 03 00 f0 01 01 fc 12   --> Open GPGLL OutPut
24 45 49 47 50 51 2c 47 52 53 2a 32 30 0d 0a b5 62 06 01 03 00 f0 06 01 01 1c   --> Open GPGRS OutPut
24 45 49 47 50 51 2c 47 53 41 2a 33 33 0d 0a b5 62 06 01 03 00 f0 02 01 fd 14   --> Open GPGSA OutPut
24 45 49 47 50 51 2c 47 53 54 2a 32 36 0d 0a b5 62 06 01 03 00 f0 07 01 02 1e   --> Open GPGST OutPut
24 45 49 47 50 51 2c 47 53 56 2a 32 34 0d 0a b5 62 06 01 03 00 f0 03 01 fe 16   --> Open GPGSV OutPut
24 45 49 47 50 51 2c 52 4d 43 2a 33 41 0d 0a b5 62 06 01 03 00 f0 04 01 ff 18   --> Open GPRMC OutPut
24 45 49 47 50 51 2c 56 54 47 2a 32 33 0d 0a b5 62 06 01 03 00 f0 05 01 00 1a   --> Open GPVTG OutPut
24 45 49 47 50 51 2c 5a 44 41 2a 33 39 0d 0a b5 62 06 01 03 00 f0 08 01 03 20   --> Open GPZDA OutPut
/******************************************************************************************/
```

3.设置波特率

/**/
设置 4800
b5 62 06 00 14 00 01 00 00 00 d0 08 00 00 c0 12 00 00 07 00 07 00 00 00 00 00 d3 fc b5 62 06 00 01 00 01 08 22

设置 9600
b5 62 06 00 14 00 01 00 00 00 d0 08 00 00 80 25 00 00 07 00 07 00 00 00 00 00 a6 cd b5 62 06 00 01 00 01 08 22

设置 19200
B5 62 06 00 14 00 01 00 00 00 D0 08 00 00 00 4B 00 00 07 00 03 00 00 00 00 00 48 57

设置 38400
b5 62 06 00 14 00 01 00 00 00 d0 08 00 00 00 96 00 00 07 00 07 00 00 00 00 00 97 a8

设置 115200
b5 62 06 00 14 00 01 00 00 00 d0 08 00 00 00 c2 01 00 07 00 07 00 00 00 00 00 c4 96 b5 62 06 00 01 00 01 08 22

设置 57600
B5 62 06 00 14 00 01 00 00 00 D0 08 00 00 00 E1 00 00 07 00 03 00 00 00 00 00 DE C9
/**/

4.保存设置

/**/
B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF
/**/

5.UBLOX 工作模式切换

****

0-portable

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 0000 00 00 00 00 00 00 00 00 00 4C 1C B5 62 06 24 00 00 2A 84

1-Fixed
B5 62 06 24 24 00 FF FF 01 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 4D 3E B5 62 06 24 00 00 2A 84

2-Stationary
B5 62 06 24 24 00 FF FF 02 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00

00 00 4E 60 B5 62 06 24 00 00 2A 84

3-Pedestrian
B5 62 06 24 24 00 FF FF 03 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 4F 82 B5 62 06 24 00 00 2A 84

4-Automotive
B5 62 06 24 24 00 FF FF 04 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 50 A4 B5 62 06 24 00 00 2A 84

5-Sea
B5 62 06 24 24 00 FF FF 05 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 51 C6 B5 62 06 24 00 00 2A 84

6-Airborne 1
B5 62 06 24 24 00 FF FF 06 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 52 E8 B5 62 06 24 00 00 2A 84

7-Airborne 2
B5 62 06 24 24 00 FF FF 07 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 53 0A B5 62 06 24 00 00 2A 84

8-Airborne 4g
B5 62 06 24 24 00 FF FF 08 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 54 2C B5 62 06 24 00 00 2A 84

6.UBLOX 输出 1HZ - 5HZ 模式切换

****

1Hz 模式(1 秒输出 1 次数据)
B5 62 06 08 06 00 E8 03 01 00 01 00 01 39

2Hz 模式(1 秒输出 2 次数据)
B5 62 06 08 06 00 F4 01 01 00 01 00 0B 77

5Hz 模式(1 秒输出 5 次数据)
B5 62 06 08 06 00 C8 00 01 00 01 00 DE 6A B5 62 06 08 00 00 0E 30

4Hz 模式(1 秒输出 4 次数据)
B5 62 06 08 06 00 FA 00 01 00 01 00 10 96B5 62 06 08 00 00 0E 30

10Hz 模式(1 秒输出 10 次数据)
B5 62 06 08 06 00 64 00 01 00 01 00 7A 12 B5 62 06 08 00 00 0E 30

8Hz 模式(1 秒输出 8 次数据)
B5 62 06 08 06 00 7D 00 01 00 01 00 93 A8 B5 62 06 08 00 00 0E 30

0.33Hz 模式(3 秒输出 1 次数据)
B5 62 06 08 06 00 B8 0B 01 00 01 00 D9 41 B5 62 06 08 00 00 0E 30

0.2Hz 模式(5 秒输出 1 次数据)
B5 62 06 08 06 00 88 13 01 00 01 00 B1 49 B5 62 06 08 00 00 0E 30

0.1Hz 模式(10 秒输出 1 次数据)
B5 62 06 08 06 00 10 27 01 00 01 00 4D DD B5 62 06 08 00 00 0E 30

0.05Hz 模式(20 秒输出 1 次数据)
B5 62 06 08 06 00 20 4E 01 00 01 00 84 00 B5 62 06 08 00 00 0E 30

0.02Hz 模式(1 分钟输出 1 次数据)
B5 62 06 08 06 00 60 EA 01 00 01 00 60 8C

****

7.离线 AGPS，自动计算 3 天的星历

AssistNow Autonomous Status 命令:
B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 BF CA
****

8.常用控制命令：

****
復位
B5 62 06 04 04 00 FF 87 01 00 95 F7

冷啟動
B5 62 06 04 04 00 FF FF 02 00 0E 61

熱啟動
B5 62 06 04 04 00 00 00 02 00 10 68

設定輸出語句兼容 SIRF 模式
B5 62 06 17 04 00 0F 23 00 03 56 91 B5 62 06 17 00 00 1D 5D

恢復出廠配置
B5 62 06 09 0D 00 FF FF 00 00 00 00 00 00 FF FF 00 00 07 1F 9E

U7 方案，使用 GLONASS 切换命令：
B5 62 06 3E 24 00 00 00 16 04 00 04 FF 00 00 00 00 00 01 01 03 00 00 00 00 00 05 00 03 00 00 00 00 00 06 08 FF 00 01 00 00 00 A0 D9 B5 62 06 3E 00 00 42 D2

U7 方案，使用 GPS 切换命令：
B5 62 06 3E 24 00 00 00 16 04 00 04 FF 00 01 00 00 01 01 01 03 00 00 00 00 01 05 00 03 00 00 00 00 01 06 08 FF 00 00 00 00 01 A4 25

U8 方案，使用北斗切换命令
B5 62 06 3E 2C 00 00 00 20 05 00 08 10 00 00 00 01 01 01 01 03 00 00 00 01 01 03 08 10 00 01 00 01 01 05 00 03 00 00 00 01 01 06 08 0E 00 00 00 01 01 FC 01

U 8 方案，使用 GLONASS 切换命令
B5 62 06 3E 24 00 00 00 16 04 00 04 FF 00 00 00 00 00 01 01 03 00 00 00 00 00 05 00 03 00 00 00 00 00 06 08 FF 00 01 00 00 00 A0 D9 B5 62 06 3E 00 00 42 D2

U 8 方案，使用 GLONASS+北斗切换命令
B5 62 06 3E 2C 00 00 00 16 05 00 04 FF 00 00 00 01 01 01 01 03 00 00 00 01 01 03 08 10 00 01 00 01 01 05 00 03 00 00 00 01 01 06 08 FF 00 01 00 01 01 CF E5

U 8 方案，使用 GLONASS+GPS 切换命令
B5 62 06 3E 24 00 00 00 16 04 00 04 FF 00 01 00 00 01 01 01 03 00 00 00 00 01 05 00 03 00 00 00 00 01 06 08 FF 00 01 00 00 01 A5 29 B5 62 06 3E 00 00 44 D2

U 8 方案，使用 GPS+北斗切换命令
B5 62 06 3E 2C 00 00 00 20 05 00 08 10 00 01 00 01 01 01 01 03 00 00 00 01 01 03 08 10 00 01 00 01 01 05 00 03 00 00 00 01 01 06 08 0E 00 00 00 01 01 FD 25 B5 62 06 17 14 00 00 41 00 02 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00 00 75 57 B5 62 06 17 00 00 1D 5D

U 8 方案，使用 GPS 切换命令
B5 62 06 3E 2C 00 00 00 20 05 00 08 10 00 01 00 01 01 01 01 03 00 00 00 01 01 03 08 10 00 00 00 01 01 05 00 03 00 00 00 01 01 06 08 0E 00 00 00 01 01 FC 11

U6,U7,U8 进入低功耗模式
B5 62 06 04 04 00 00 00 08 00 16 74

无信号，继续输出最后一次经纬度命令。
B5 62 06 17 04 00 01 23 00 02 47 58

修改输出协议为 NMEA 4.1 版本
B5 62 06 17 14 00 00 41 00 02 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00 00 75 57 B5 62 06 17 00 00 1D 5D

U6 系列，不定位时输出 PPS 高低电平。
B5 62 06 07 14 00 40 42 0F 00 A0 86 01 00 01 01 01 00 34 03 00 00 00 00 00 00 13 9B

U6 系列，关闭不定位时输出 PPS 高低电平。

B5 62 06 09 0D 00 FF FF 00 00 00 00 00 00 FF FF 00 00 03 1B 9A

8030:PPS 同步 GPS

B5 62 06 31 20 00 00 01 00 00 32 00 00 00 40 42 0F 00 40 42 0F 00 00 00 00 00 A0 86 01 00 00 00 00 00 F7 00 00 00 CA B6 B5 62 06 31 01 00 00 38 E5

9.常用配置方案：

****

portable 3D PDOP mask 10， TDOP mask 10， P ACC、TACC 100,STH 0.6

B5 62 06 24 24 00 FF FF 00 02 00 00 00 00 10 27 00 00 05 00 64 00 64 00 64 00 64 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 00 56 0C B5 62 06 24 00 00 2A 84

****

车载 3D PDOP mask 10， TDOP mask 10， P ACC、TACC 100,STH 1

B5 62 06 24 24 00 FF FF 04 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 64 00 64 00 64 3C 00 00 00 00 00 00 00 00 00 00 00 00 22 04 B5 62 06 24 00 00 2A 84

****

配置 1：Portable（便携应用）模式，只使用 3D 定位，PDOP,TDOP 门限值均为 10，P Accuracy Mask,T Accuracy Mask 均为 50m,Static Hold Threshold 为 0.5m/s。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA
配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 00 02 00 00 00 00 10 27 00 00 05 00 64 00 64 00 32 00 32 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 E8 DC
保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 2：Portable（便携应用）模式，只使用 3D 定位，PDOP,TDOP 门限值均为 15，P Accuracy Mask,T Accuracy Mask 均为 50m,Static Hold Threshold 为 0.5m/s。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA
配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 00 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 32 00 32 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 4C 10
保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 3：Portable（便携应用）模式，只使用 3D 定位，PDOP,TDOP 门限值均为 15，P Accuracy Mask,T Accuracy Mask 均为 100m,Static Hold Threshold 为 0.5m/s。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 00 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 64 00 64 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 B0 B4
保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 4：Pedestrian（步行应用）模式，只使用 3D 定位 PDOP,TDOP 门限值均为 10，P Accuracy Mask,T Accuracy Mask 均为 50m,Static Hold Threshold 为 0.5m/s。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA
配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 03 02 00 00 00 00 10 27 00 00 05 00 64 00 64 00 32 00 32 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 EB 42

保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 5：Pedestrian（步行应用）模式，只使用 3D 定位 PDOP,TDOP 门限值均为 15，P Accuracy Mask,T Accuracy Mask 均为 50m,Static Hold Threshold 为 0.5m/s。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA
配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 03 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 32 00 32 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 4F 76
保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 6：Pedestrian（步行应用）模式，只使用 3D 定位 PDOP,TDOP 门限值均为 15，P Accuracy Mask,T Accuracy Mask 均为 100m,Static Hold Threshold 为 0.5m/s。增加自主计算和保存。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA
配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 03 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 64 00 64 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 B3 1AB5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CAB5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 7：Portable（便携应用）模式，默认 Auto 2D/3D 定位,PDOP,TDOP 均默认为 25，P Accuracy Mask 默认为 100m,T Accuracy Mask 默认为 300m,Static Hold Threshold 为 0.5m/s。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA
配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 32 3C 00 00 00 00 00 00 00 00 00 00 00 00 7E D8
保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 8：Portable（便携应用）模式，默认 Auto 2D/3D 定位,PDOP,TDOP 均设置为 15，P Accuracy Mask 设置为 50m,T Accuracy Mask 设置为 100m,Static Hold Threshold 为 0.5m/s。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA
配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 96 00 96 00 32 00 64 00 32 3C 00 00

00 00 00 00 00 00 00 00 00 00 BB 5D
保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 9：Portable（便携应用）模式，默认 Auto 2D/3D 定位,PDOP,TDOP 均设置为 10，P Accuracy Mask 设置为 50m,T Accuracy Mask 设置为 50m,Static Hold Threshold 为 0.5m/s。
打开 AssistNow Autonomous Status 命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

配置漂移抑制参数命令：B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 64 00 64 00 32 00 32 00 32 3C 00 00 00 00 00 00 00 00 00 00 00 00 25 09

配置 10：Portable（便携应用）模式，默认 Auto 2D/3D 定位,PDOP,TDOP 均设置为 150，P Accuracy Mask 设置为 500m,T Accuracy Mask 设置为 500m,Static Hold Threshold 为 0.0m/s。

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 DC 05 DC 05 F4 01 F4 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 73 A9

(手表方案，授时，定坐标首选 11 设置)

配置 11：2-Stationary（固定模式）模式，默认 Auto 2D 定位,PDOP,TDOP 均设置为 300，P Accuracy Mask 设置为 500m,T Accuracy Mask 设置为 500m,Static Hold Threshold 为 1m/s。
B5 62 06 24 24 00 FF FF 02 01 00 00 00 00 10 27 00 00 05 00 B8 0B B8 0B F4 01 F4 01 64 3C 00 00 00 00 00 00 00 00 00 00 00 00 9B 2B B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 12：Portable（便携应用）模式，默认 Auto 2D 定位,PDOP,TDOP 均设置为 50，P Accuracy Mask 设置为 300m,T Accuracy Mask 设置为 300m,Static Hold Threshold 为 0.8m/s。

B5 62 06 17 04 00 0A 23 00 02 50 7C B5 62 06 17 00 00 1D 5D B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 24 24 00 FF FF 00 01 00 00 00 00 10 27 00 00 05 00 F4 01 F4 01 2C 01 2C 01 50 3C 00 00 00 00 00 00 00 00 00 00 00 00 59 87 B5 62 06 24 00 00 2A 84 B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 13：Portable（便携应用）模式，默认 Auto 2D/3D 定位,PDOP,TDOP 均设置为 25，P Accuracy Mask 设置为 150m,T Accuracy Mask 设置为 300m,Static Hold Threshold 为 0.9m/s。

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 96 00 2C 01 5A 3C 00 00 00 00 00 00 00 00 00 00 00 00 D8 8C B5 62 06 24 00 00 2A 84B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CAB5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31

BF

配置 14：Portable（便携应用）模式，只使用 3D,定位,PDOP,TDOP 均设置为 15，P Accuracy Mask 设置为 80m,T Accuracy Mask 设置为 100m,Static Hold Threshold 为 0.5m/s。

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 96 00 2C 01 5A 3C 00 00 00 00 00 00 00 00 00 00 00 00 D8 8C B5 62 06 24 00 00 2A 84 B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 15：（车载模式）模式，2D/3D 自动,定位,PDOP,TDOP 均设置为 25，P Accuracy Mask 设置为 100m,T Accuracy Mask 设置为 300m,Static Hold Threshold 为 0.8m/s，增加自动计算 3 天星历，带保存。

B5 62 06 24 24 00 FF FF 04 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 50 3C 00 00 00 00 00 00 00 00 00 00 00 00 A0 04 B5 62 06 24 00 00 2A 84 B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 16：Portable（便携应用）模式，2D/3D 自动,定位,PDOP,TDOP 均设置为 25，P Accuracy Mask 设置为 100m,T Accuracy Mask 设置为 300m,Static Hold Threshold 为 0.9m/s，增加自动计算 3 天星历，带保存。

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 5A 3C 00 00 00 00 00 00 00 00 00 00 00 00 A6 08B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CAB5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 17：（车载模式）模式，2D/3D 自动,定位,PDOP,TDOP 均设置为 25，P Accuracy Mask 设置为 100m,T Accuracy Mask 设置为 300m,Static Hold Threshold 为 0.8m/s，增加自动计算 3 天星历，带保存。

B5 62 06 24 24 00 FF FF 04 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 5A 3C 00 00 00 00 00 00 00 00 00 00 00 00 AA 90B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CAB5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

配置 18：Portable（便携应用）模式，2D/3D 自动,定位,PDOP,TDOP 均设置为 25，P Accuracy Mask 设置为 100m,T Accuracy Mask 设置为 300m,Static Hold Threshold 为 0.6m/s，增加自动计算 3 天星历，带保存。

B5 62 06 24 24 00 FF FF 04 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 3C 3C 00 00 00 00 00 00 00 00 00 00 00 00 8C EC B5 62 06 24 00 00 2A 84 B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

测亩仪方案：
B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 C8 00 C8 00 64 00 C8 00 28 3C 00 00 00 00 00 00 00 00 00 00 00 00 AB C9 B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

测亩仪方案 20140521：
B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 96 00 96 00 64 00 96 00 1E 3C 00 00 00 00 00 00 00 00 00 00 00 00 0B E9

3HZ GGA VTG 9600 SAVE
24 45 49 47 50 51 2c 44 54 4d 2a 33 42 0d 0a b5 62 06 01 03 00 f0 0a 00 04 23 24 45 49 47 50 51 2c 47 42 53 2a 33 30 0d 0a b5 62 06 01 03 00 f0 09 00 03 21 24 45 49 47 50 51 2c 47 4c 4c 2a 32 31 0d 0a b5 62 06 01 03 00 f0 01 00 fb 11 24 45 49 47 50 51 2c 47 52 53 2a 32 30 0d 0a b5 62 06 01 03 00 f0 06 00 00 1b 24 45 49 47 50 51 2c 47 53 41 2a 33 33 0d 0a b5 62 06 01 03 00 f0 02 00 fc 13 24 45 49 47 50 51 2c 47 53 54 2a 32 36 0d 0a b5 62 06 01 03 00 f0 07 00 01 1d 24 45 49 47 50 51 2c 47 53 56 2a 32 34 0d 0a b5 62 06 01 03 00 f0 03 00 fd 15 24 45 49 47 50 51 2c 52 4d 43 2a 33 41 0d 0a b5 62 06 01 03 00 f0 04 00 fe 17 24 45 49 47 50 51 2c 5a 44 41 2a 33 39 0d 0a b5 62 06 01 03 00 f0 08 00 02 1f B5 62 06 08 06 00 4D 01 01 00 01 00 64 8D B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA b5 62 06 09 0d 00 00 00 00 00 ffff 00 00 00 00 00 00 07 21 af

总的原则，PDOP,TDOP 门限值设置越低，P Accuracy Mask，T Accuracy Mask 配置越小，对定位精度越有利，但对定位首次时间有一定影响，请结合实际测试情况做最终选择。
保存当前配置命令：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF