|  |  |  |
| --- | --- | --- |
| FrameHeader header; | uint32\_t syncWord; ///<同步字 | 0 |
| uint32\_t byteLength; ///<字节长度值 | 1 |
| uint32\_t commandID; ///<命令ID号 | 2 |
| uint32\_t response; ///<指令响应标志 | 3 |
| uint32\_t counter; ///<指令响应次数累加值 | 4 |
| uint32\_t systemTime; ///<系统时标 | 5 |
| float GPSheight; ///<GPS海拔 | | 6 |
| float GPSlat; ///<GPS纬度 | | 7 |
| float GPSlong; ///<GPS经度 | | 8 |
| uint8\_t SorN; ///<GPS南北纬 | | 9 |
| uint8\_t EorW; ///<GPS东西经 | |
| uint8\_t statelite; ///<GPS卫星数 | |
| uint8\_t hour; ///<GPS时 | |
| uint8\_t minute; ///<GPS分 | | 10 |
| uint8\_t sec; ///<GPS秒 | |
| uint8\_t day; ///<GPS日 | |
| uint8\_t month; ///<GPS月 | |
| uint16\_t year; ///<GPS年 | | 11 |
| uint16\_t obligate1; ///<预留 | |
| uint32\_t obligate2; ///<预留 | | 12 |
| uint32\_t frq; ///<目标频率 | | 13 |
| float azi; ///<目标方位角 | | 14 |
| float ele; ///<目标俯仰角 | | 15 |
| uint32\_t LO\_RF; ///<当前搜索频段本振 | | 16 |
| uint32\_t scan\_index; ///<扫描序列号 | | 17 |
| int32\_t amp; ///<目标信号功率 | | 18 |
| uint32\_t type; ///<目标调制格式 | | 19 |
| uint32\_t fre\_num; ///<目标载频种类数 | | 20 |
| uint32\_t PW\_num; ///<目标脉宽种类数 | | 21 |
| uint32\_t PRI\_num; ///<目标重复周期种类数 | | 22 |
| uint16\_t fre[10]; ///<载频参数值 | | 23-27 |
| uint16\_t pw[10]; ///<脉宽参数值 | | 28-32 |
| uint16\_t pri[10]; ///<重复周期参数值 | | 33-37 |
| uint16\_t temperature; ///<硬件温度 | | 38 |
| uint16\_t Vcc\_PL; ///<电压 | |
| uint16\_t Vcc\_LOC; ///<电压 | | 39 |
| uint16\_t obligate3; ///<预留 | |
| float head; ///<GI方位 | | 40 |
| float pitch; ///<GI俯仰 | | 41 |
| float roll; ///<横滚 | | 42 |
| float azi\_j0; ///<解耦后的方位角 | | 43 |
| float ele\_j0; ///<解耦后的俯仰角 | | 44 |
| float amp\_max; ///<幅度最大值 | | 45 |
| float amp\_min; ///<幅度最小值 | | 46 |
| float amp\_mean; ///<幅度均值 | | 47 |
| uint16\_t grid\_pulse\_num; ///<脉冲数 | | 48 |
| uint16\_t cluster\_pulse\_num;///<总脉冲数 | |
| uint16\_t cw\_yn;///<连续波标志 | | 49 |
| uint16\_t frq\_max; ///<当前类中频率最大值 | |
| uint16\_t frq\_min; ///<当前类中频率最小值 | | 50 |
| uint16\_t usResv1; ///<预留 | |
| uint32\_t reserved[12]; ///<预留 | | 51-62 |
| uint32\_t checkSum; ///<校验和 | | 63 |