**PTP串口配置协议**

波特率115200,8bit,1位停止位，无校验

报文格式如下,共40个字节

struct ConfigPTPData //测试仪下的ptp配置帧

{

unsigned char frame\_head; //\* 0x2A

unsigned char cmd\_type; //0x01表示确认修改配置,0x02开始工作,0x03停止工作

unsigned char temp0; //保留 0x00

unsigned char temp1; //保留 0x00

unsigned int Local\_ip\_32; // Local ip 4

unsigned int Gate\_ip\_32; // Gate ip 4

unsigned int Mask\_ip\_32; // mask ip 4

unsigned int temp2; //保留 0x00000000

unsigned int temp3; //保留 0x00000000

unsigned int temp4; //保留 0x00000000

unsigned int temp5; //保留 0x00000000

unsigned char ethernet\_mode; //协议层数 MAC：0x01 UDP：0x02

unsigned char E2E\_mode; //链路方式 E2E: 0x01 P2P：0x02

unsigned char slaveOnly; //主从方式: 只做从 0x00

unsigned char twoStep; //一步发两步法 只做两步法 0x00

unsigned char temp10; //保留 0x00

unsigned char temp11; //保留 0x00

unsigned char temp12; //保留 0x00

unsigned char frame\_end; //# 0x23

};

例如：2A 01 00 00 85 01 A8 C0 01 01 A8 C0 00 FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 01 00 00 00 00 00 23

**NTP串口配置协议**

struct ConfigNTPData

{

unsigned char frame\_head; //\* 0x2A

unsigned char cmd\_type; //0x01 测试端确认配置,0x02测试端开始工作,

//0x03 测试端确认配置?,0x04服务端开始工作?

unsigned char temp0; //保留 0x00

unsigned char temp1; //保留 0x00 //测试端要求可配置1(正常)或者0(主动输出时间)

unsigned int Local\_ip\_32; // Local ip

unsigned int Server\_ip\_32; // Server ip

unsigned int Gate\_ip\_32; // Gate ip

unsigned int Mask\_ip\_32; // mask ip

unsigned int testMark; //测试端时钟源标识("TSSM"/"Erro")

unsigned int temp3; //保留 0x00000000

unsigned int temp4; //保留 0x00000000

unsigned char temp5; //保留 0x00

unsigned char temp6; //保留 0x00

unsigned char temp7; //保留 0x00

unsigned char frame\_end; // # 0x23

};