

数据说明:

[RF_PACKET]: <<<(57) : 0x42,0x7E,0x00,0x0B,0x7D,0x31,0x00,0x00,0x01,0x00,0x00,0x00,0x33,0x81,0x86,0x00,
0x00,0xDE,0x09,0xE1,0x0A,0x66,0x0B,0x03,0x0B,0xFC,0x00,0x2E,0x05,0x66,0x06,0xAC,
0x07,0x15,0x38,0x30,0x60,0x04,0x05,0x06,0x07,0xFC,0x03,0x00,0x15,0x00,0x00,0x00,
0x00,0x2B,0x18,0xD0,0x05,0x00,0x01,0x29,0x9D,

1. 风向

a) 位置

[RF_PACKET]: <<<(57) : 0x42,0x7E,0x00,0x0B,0x7D,0x31,0x00,0x00,0x01,0x00,0x00,0x00,0x33,0x81,0x86,0x00,
0x00,0xDE,0x09,0xE1,0x0A,0x66,0x0B,0x03,0x0B,0xFC,0x00,0x2E,0x05,0x66,0x06,0xAC,
0x07,0x15,0x38,0x30,0x60,0x04,0x05,0x06,0x07,0xFC,0x03,0x00,0x15,0x00,0x00,0x00,
0x00,0x2B,0x18,0xD0,0x05,0x00,0x01,0x29,0x9D,

b) 格式

- 16bit 数据
- 低字节在前，高字节在后

c) 数据含义

- 风向传感器输出电压的采样值。
- 参考电压：2.5V
- 采样精度：12bit

2. CS215

a) 位置

[RF_PACKET]: <<<(57) : 0x42,0x7E,0x00,0x0B,0x7D,0x31,0x00,0x00,0x01,0x00,0x00,0x00,0x33,0x81,0x86,0x00,
0x00,0xDE,0x09,0xE1,0x0A,0x66,0x0B,0x03,0x0B,0xFC,0x00,0x2E,0x05,0x66,0x06,0xAC,
0x07,0x15,0x38,0x30,0x60,0x04,0x05,0x06,0x07,0xFC,0x03,0x00,0x15,0x00,0x00,0x00,
0x00,0x2B,0x18,0xD0,0x05,0x00,0x01,0x29,0x9D,

b) 格式

- 前 2 个字节为温度值，后 2 个字节为湿度值
- 前面的 Byte 为整数值，后面的 Byte 为小数

Eg: 0x15,0x38 = 21.56 摄氏度

3. PTB210

a) 位置

[RF_PACKET]: <<<(57) : 0x42,0x7E,0x00,0x0B,0x7D,0x31,0x00,0x00,0x01,0x00,0x00,0x00,0x33,0x81,0x86,0x00,
0x00,0xDE,0x09,0xE1,0x0A,0x66,0x0B,0x03,0x0B,0xFC,0x00,0x2E,0x05,0x66,0x06,0xAC,
0x07,0x15,0x38,0x30,0x60,0x04,0x05,0x06,0x07,0xFC,0x03,0x00,0x15,0x00,0x00,0x00,
0x00,0x2B,0x18,0xD0,0x05,0x00,0x01,0x29,0x9D,

b) 格式

- 前面 2 个字节为气压整数值（低字节在前，高字节在后）
- 最后 1 个字节为气压小数

Eg: 0xFC,0x03,0x00,0x15 = 1020.21 hpa

4. 雨量

a) 位置

```
[RF_PACKET]: <<<(57) : 0x42,0x7E,0x00,0x0B,0x7D,0x31,0x00,0x00,0x01,0x00,0x00,0x00,0x33,0x81,0x86,0x00,  
0x00,0xDE,0x09,0xE1,0x0A,0x66,0x0B,0x03,0x0B,0xFC,0x00,0x2E,0x05,0x66,0x06,0xAC,  
0x07,0x15,0x38,0x30,0x60,0x04,0x05,0x06,0x07,0xFC,0x03,0x00,0x15,0x00,0x00,0x00,  
0x00,0x2B,0x18,0xD0,0x05,0x00,0x01,0x29,0x9D,
```

b) 格式

- i. 16bit 数据
- ii. 低字节在前，高字节在后

5. 风速

a) 位置

```
[RF_PACKET]: <<<(57) : 0x42,0x7E,0x00,0x0B,0x7D,0x31,0x00,0x00,0x01,0x00,0x00,0x00,0x33,0x81,0x86,0x00,  
0x00,0xDE,0x09,0xE1,0x0A,0x66,0x0B,0x03,0x0B,0xFC,0x00,0x2E,0x05,0x66,0x06,0xAC,  
0x07,0x15,0x38,0x30,0x60,0x04,0x05,0x06,0x07,0xFC,0x03,0x00,0x15,0x00,0x00,0x00,  
0x00,0x2B,0x18,0xD0,0x05,0x00,0x01,0x29,0x9D,
```

b) 格式

- i. 16bit 数据
- ii. 低字节在前，高字节在后

6. SHT10

a) 位置

```
[RF_PACKET]: <<<(57) : 0x42,0x7E,0x00,0x0B,0x7D,0x31,0x00,0x00,0x01,0x00,0x00,0x00,0x33,0x81,0x86,0x00,  
0x00,0xDE,0x09,0xE1,0x0A,0x66,0x0B,0x03,0x0B,0xFC,0x00,0x2E,0x05,0x66,0x06,0xAC,  
0x07,0x15,0x38,0x30,0x60,0x04,0x05,0x06,0x07,0xFC,0x03,0x00,0x15,0x00,0x00,0x00,  
0x00,0x2B,0x18,0xD0,0x05,0x00,0x01,0x29,0x9D,
```

b) 格式

- i. 前面 2 个字节为温度数据
- ii. 后面 2 个字节为湿度数据
- iii. 温湿度的数据均为低位字节在前，高位字节在后

c) 含义

- i. 具体信息请查阅 SHT1x 资料