

Chaney Instrument Co.

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HARDWARE INFORMATION

TX Unit

Using MCU to test the resistor of NTC temperature sensor,

Then transmitting the encoded data package through the inside helix antenna by ASK modulated with 315MHz frequency.

RX Unit

Receiving the RF signal by PCB antenna, passing LNA, Super-regeneration Amplifier, Demodulator, operating Amplifier, LPF, then decoding the out temperature data package;

Otherwise, MCU display in LCD at the same.