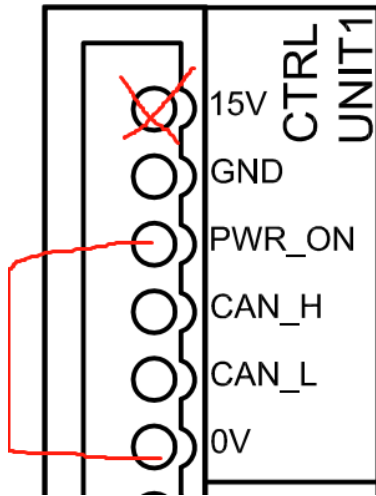


## How to Check Power On problem of NHR-1500

1. Plug out the 15V from CTRL UNIT1 connector. Short circuit PWR\_ON and 0V.

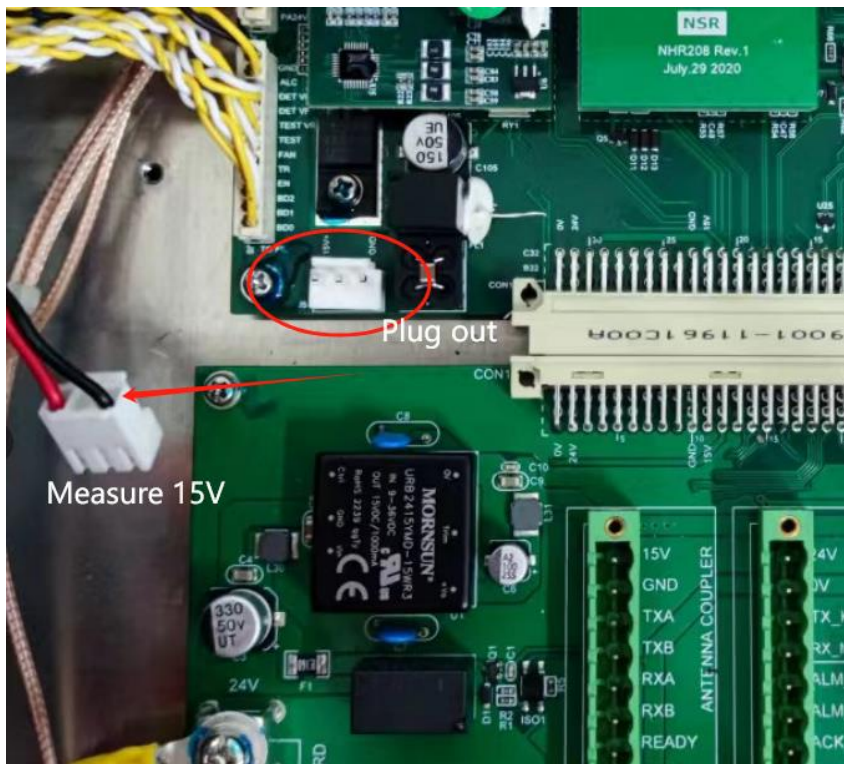


If the transceiver powered ON normally at this step. That means the control unit faulty.  
If the transceiver not powered ON and no 15V between "15V" and "GND". Please check as step 2.

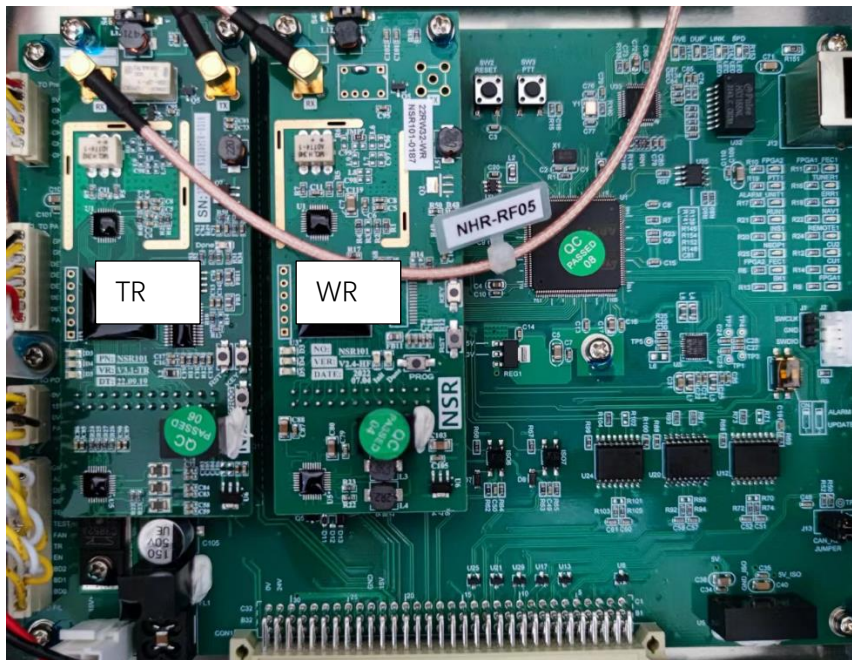
2. Plug out 15V connector from NHR201 PCB. Measure the voltage at the connector between red and black wire.

If there is no 15V, the NHR202 PCB should be faulty.

If the 15V is OK, something short-circuit a NHR201 mainboard. Please check as step 3.



3. Remove TR and WR PCB, and check the 15V at step 1 when PWR\_ON and 0V and shorted.



If 15V is OK when TR and WR PCB removed, TR or WR PCB may have something short-circuit. Check C103(10uf 25V 0603) at NSR101 PCB, if C103 short-circuit, it can be removed.

