

## Burn in Procedure for RX Module.

In any case, if the temperature reading in any place of the burn-in box go higher than 55C, disconnect the power to the burn-in box and the power to the RX burn-in PCB, then do the recording and report to Mose.

In any case, if the temperature reading on the top cover of the burn-in box is not in the range between 48C and 52C Mose must be informed.

1. Turn on the power of the burn-in box, wait until temperature in the hole for DOIM module reach  $> 46C$  , The time for warming up is about 30 minutes. Do 2,3 while waiting.
2. Get RX modules from ware house for one burn-in batch.
3. Check the testing report for each unburned RX module.
4. Assemble 4 modules in burn-in box with RX burn-in PCB. Make sure all the screws are fastened.
5. Apply the power to the RX module.
6. Fill the log. The logging include information of
  - a.) sample numbers,
  - b.) the time of start,
  - c.) environment conditions,
  - d.) the current to the RX burn-in PCB,
  - e.) the current to the burn-in box,
  - f.) the temperature, in different places of the burn-in box

The temperature measurement should be done no earlier than 10 minute after step 5.

Take the measurement 1 minute after the temperature probe being put in place.

7. While there are modules being burned, check and record the c.), d.), e), f.) three times (morning, noon time, and before off time) a day at least.
8. After 72 hours of burn-in, do the logging, shut down the power for both Burn-in box and RX burn-in PCB, make sure the ac functional test and finish be finished no more then 2day after finishing burn-in.