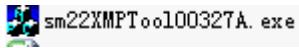


SM2246EN 开卡流程

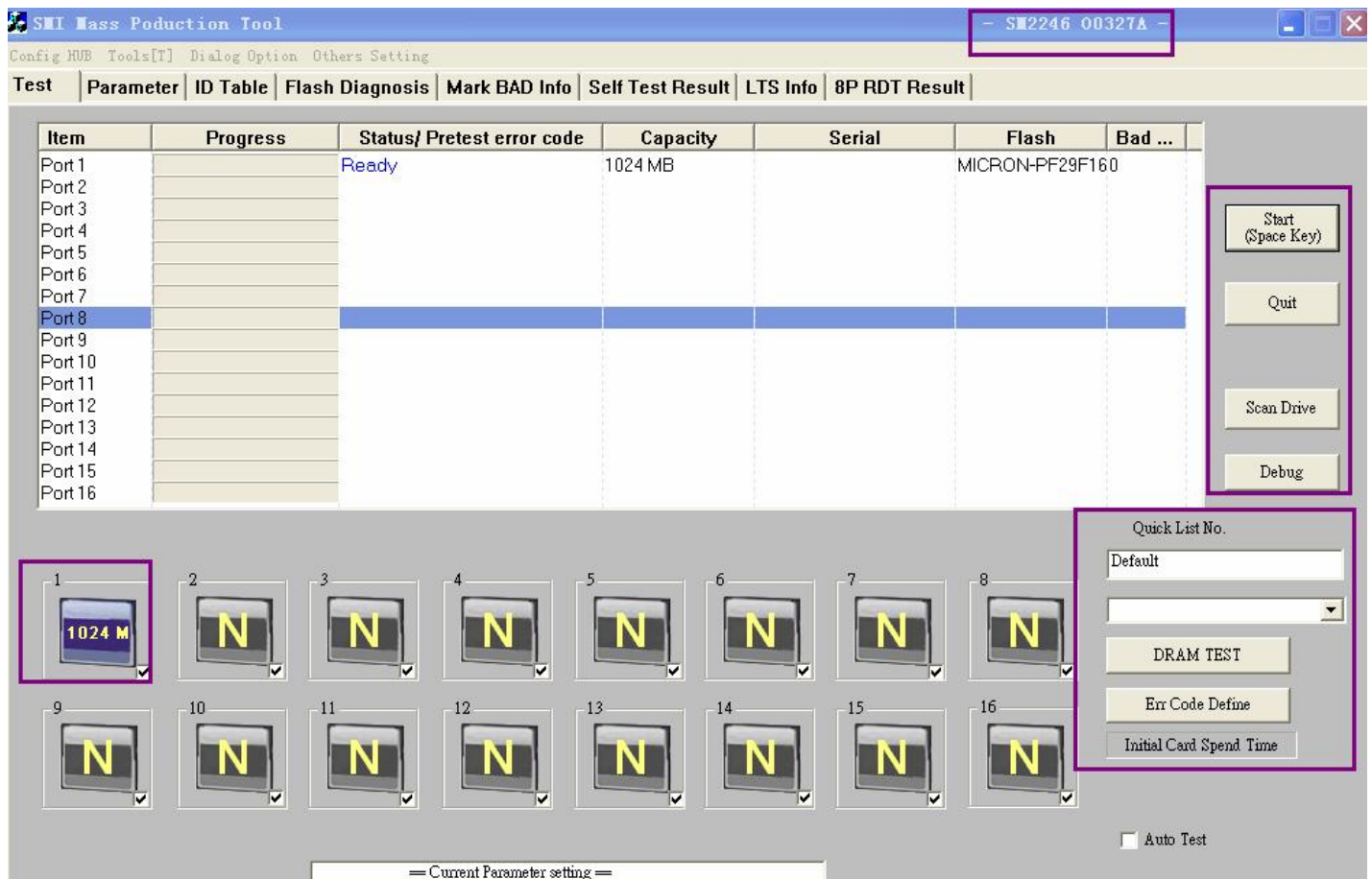
编写：LHR

一：开卡

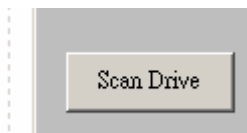
1， 打开软件：以版本 SM2246AA_MPO0327A_FWN1126F 为列



2， 在软件设置里,不是 SMI 的测试治具，就要勾选：



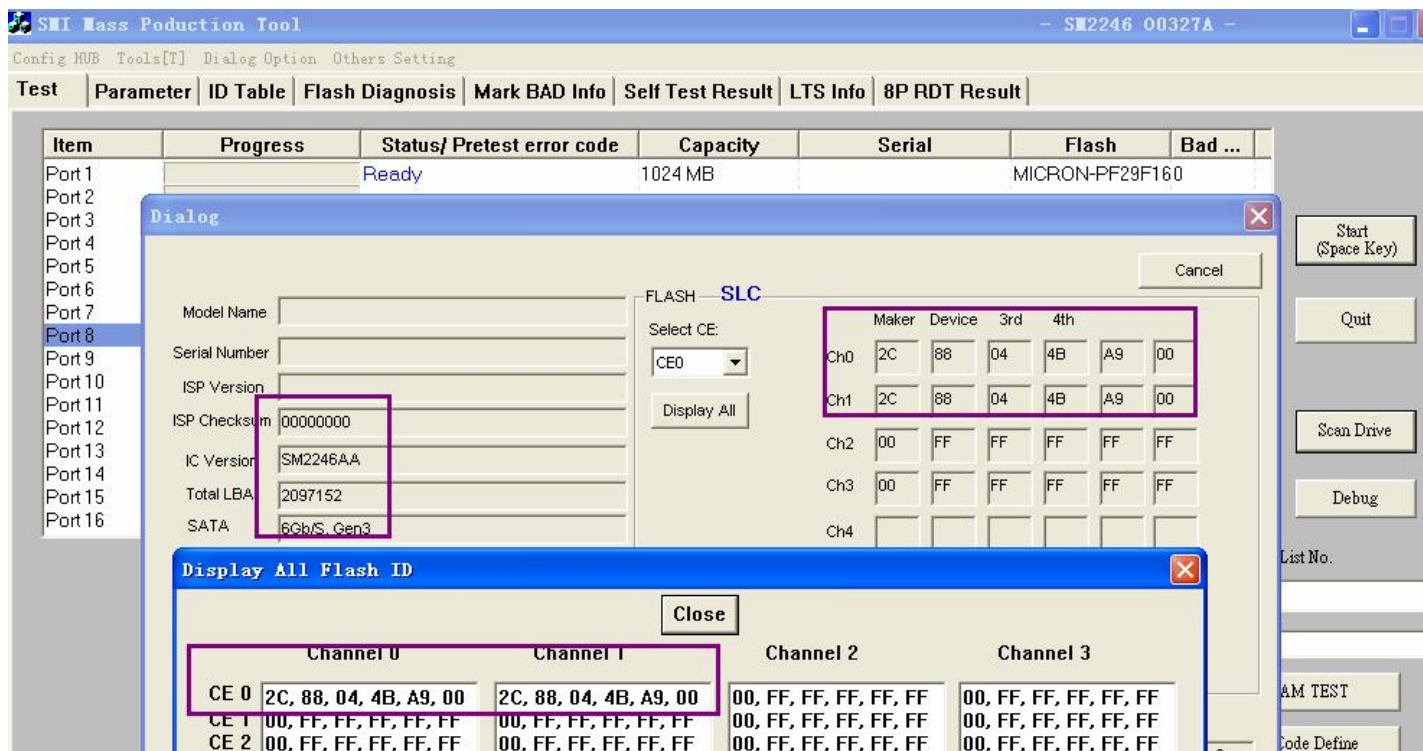
3， 在点击扫描：Scan Drive



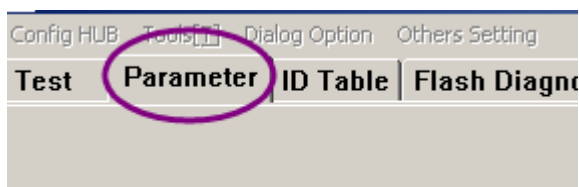
4， 看到有一个图标出来：



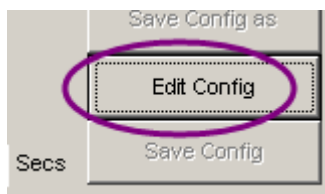
找到 flash 的 ID,看是否正确：



5, 选择参栏: parameter



6, 点击编辑: Edit Config



7, 输入密码: 两个空格, 点击 OK。



8, 扫描 flash 型号: Auto



出现一排 flash, 找到对应的 flash 型号。

9, 参数设置:

Test Parameter ID Table Flash Diagnosis Mark BAD Info Self Test Result LTS Info 8P RDT Result

Load config as: []

List No: Default

Flash Select: Micron,256Gbit (8k) ,MT29F256G08CJAAB (L74A) 找到对应flash型号

Fail TimeOut: 600 Secs 完成设定后保存

Save Config as: [] Edit Config: [] Save Config: []

Solid State Disk

Model Name: SMI DISK 贵司的产品信息

Vendor: SMI DISK

Serial Number: 20 Bytes SN Length: 20

Begin Serial: AA000000000000001047

End Serial: AA999999999999999999

Serial Mask: AA#####

Auto Date Mask

Mask Start Pos: 3 Hex Char: []

Mask End Pos: 10

Enable Unique Serial Number: []

File Path: []

Firmware: []

LTS Setup Time: 70 Mins

LTS Test Time: 110 Mins

Adj. Fail bypass: []

RDT Fail Threshold

ECC: 1 counts

Erase: Don't care

Program: 6 counts

Temp: Don't care

RDT Hours: Disable Hrs

RDT Loops: Disable

RDT ECC TH: 1bits

Update RDT BB: []

Disk Size: Auto 容量的选择

Setting Capacity manually: 41943040 sectors

Default

DEMA

Setting Capacity manually: 41943040 sectors

HW Write Protect: []

Disk Type: SSD SSD对应的板型

Form Factor: 2.5 Inch

Max Ext-Intlv: 8

Spare Ratio: 1/16

Sync Mode: []

NCQ: []

Partial2Slumber: []

Quick Erase: [] 擦除功能

Return UNC: []

Cache Program: []

Program Fail Handle: []

Enable Internal-Intlv: [] 叠代flash要勾选

Enable Smart: []

HIPM: []

DIPM: []

Enable Dram SRT: []

Standby Mode: []

Device Sleep Mode: []

Max SATA Speed: 6Gb SATA3选6Gb

Speed up Pretest: []

Other setting: []

Select Test Procedure

Flash Management: []

Don't Check Flash ID: []

PreScan: PreScan2246.bin

Pretest: 1. Don't Reference Original Bad Pretest选项

PreTest File: PTEST2246.bin

BootISP File: BootISP2246.bin

More Check / ECC bits: 0

PRET /CH: All CH ACE: All CE

Strong Page Ratio: None of Total Block

Download ISP: []

ISP File: ISP2246.bin ISP选项

DRAM

Clock: 360MHZ

Vendor: Nanya

Size: 128M

Setting: DDR3 DDR选项

Dual DRAM: []

Test Loop: 0

Write ID Table: []

Keep ID Table: []

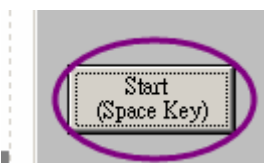
Copy Test: []

QC Procedure: []

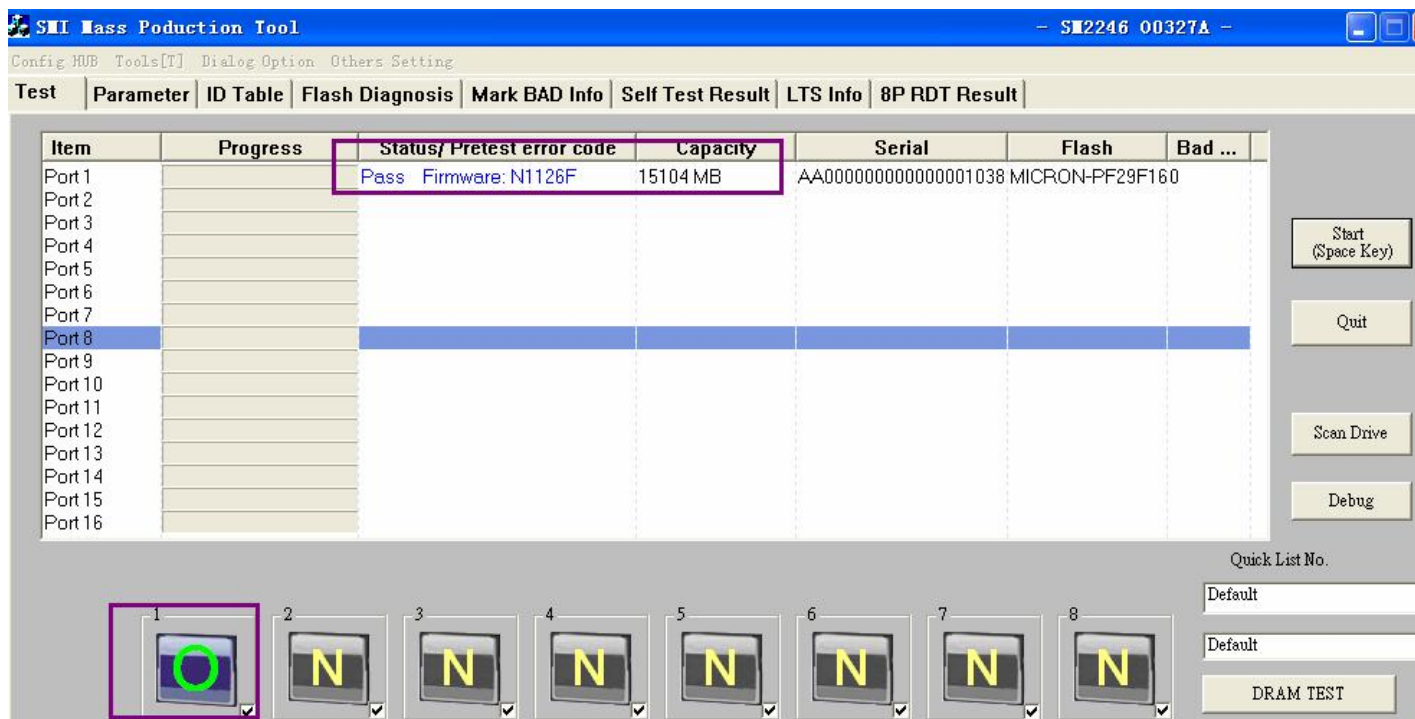
QC Setting: []

完成设置后再保存。

10.进入 TEST 画面，再开卡：点击 Start（Space Key）



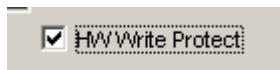
Pass: 如图



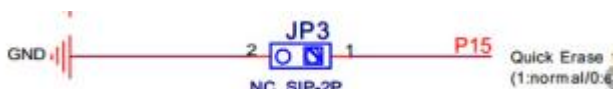
完成

二. 密码设定:

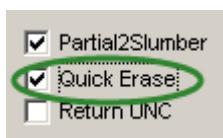
1,如要做引导加密: 选择 HWWrite Protect



2, 擦除功能, 需要把 P15 网络加一个开关, 勾选 Quick Erase



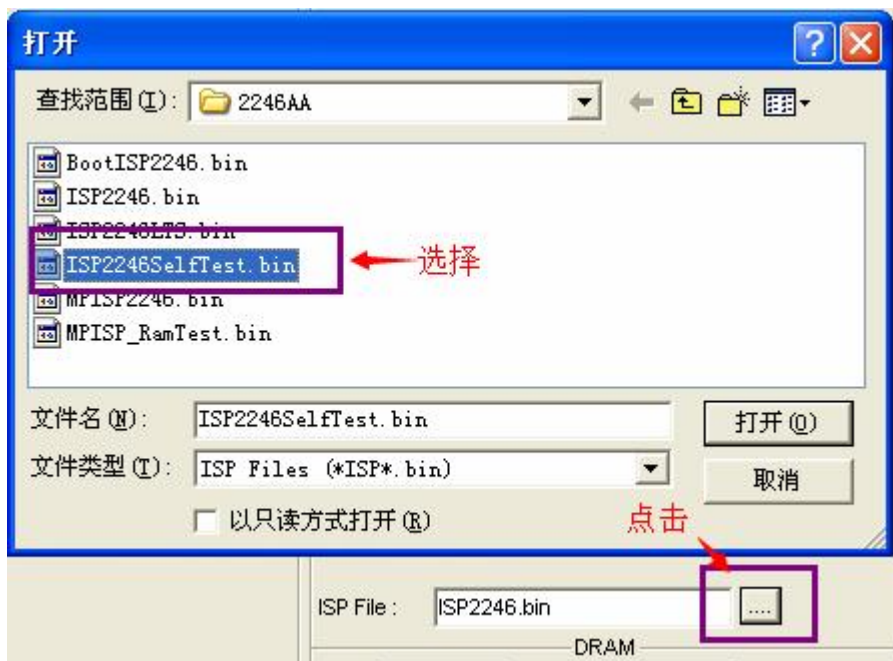
再勾选:



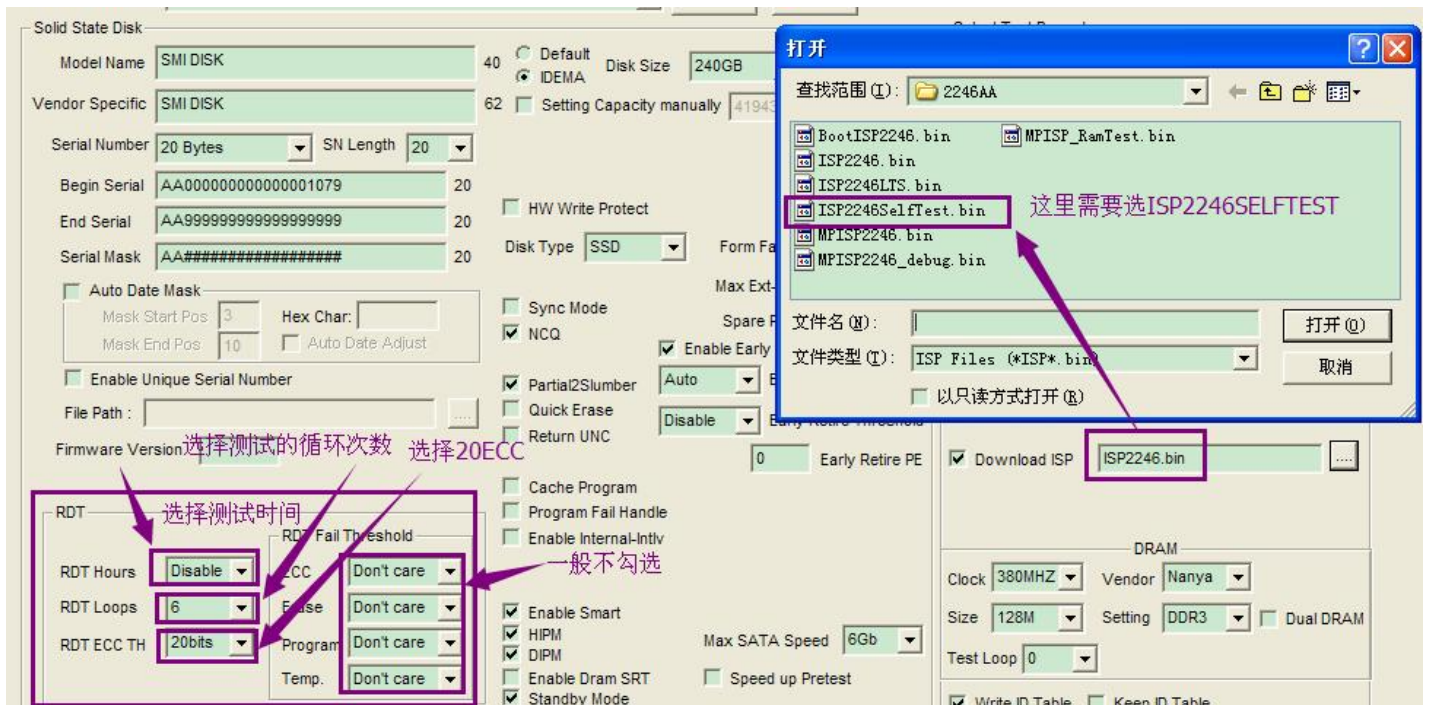
完成

三. RDT 测试流程:

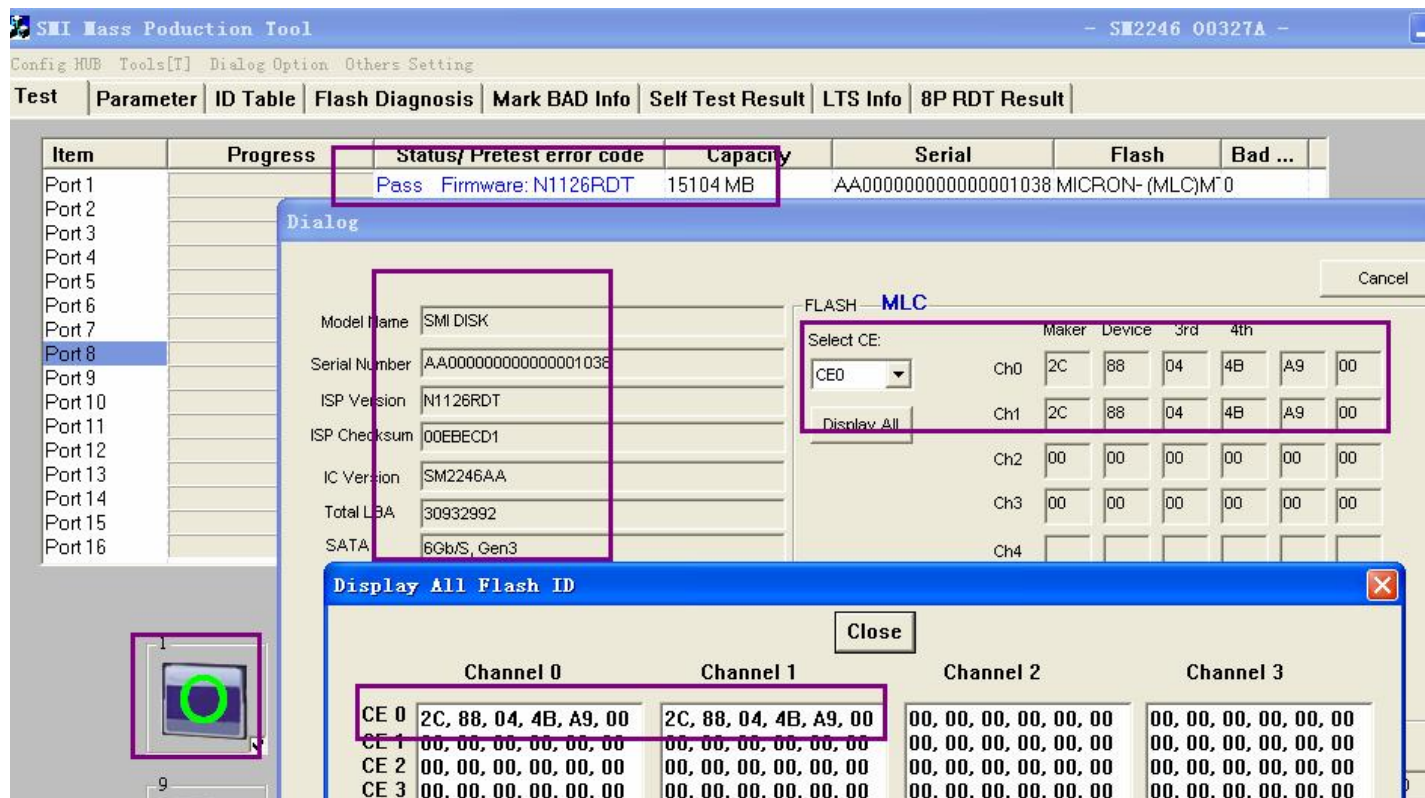
1, 选择 ISP



2, 设置相关参数:

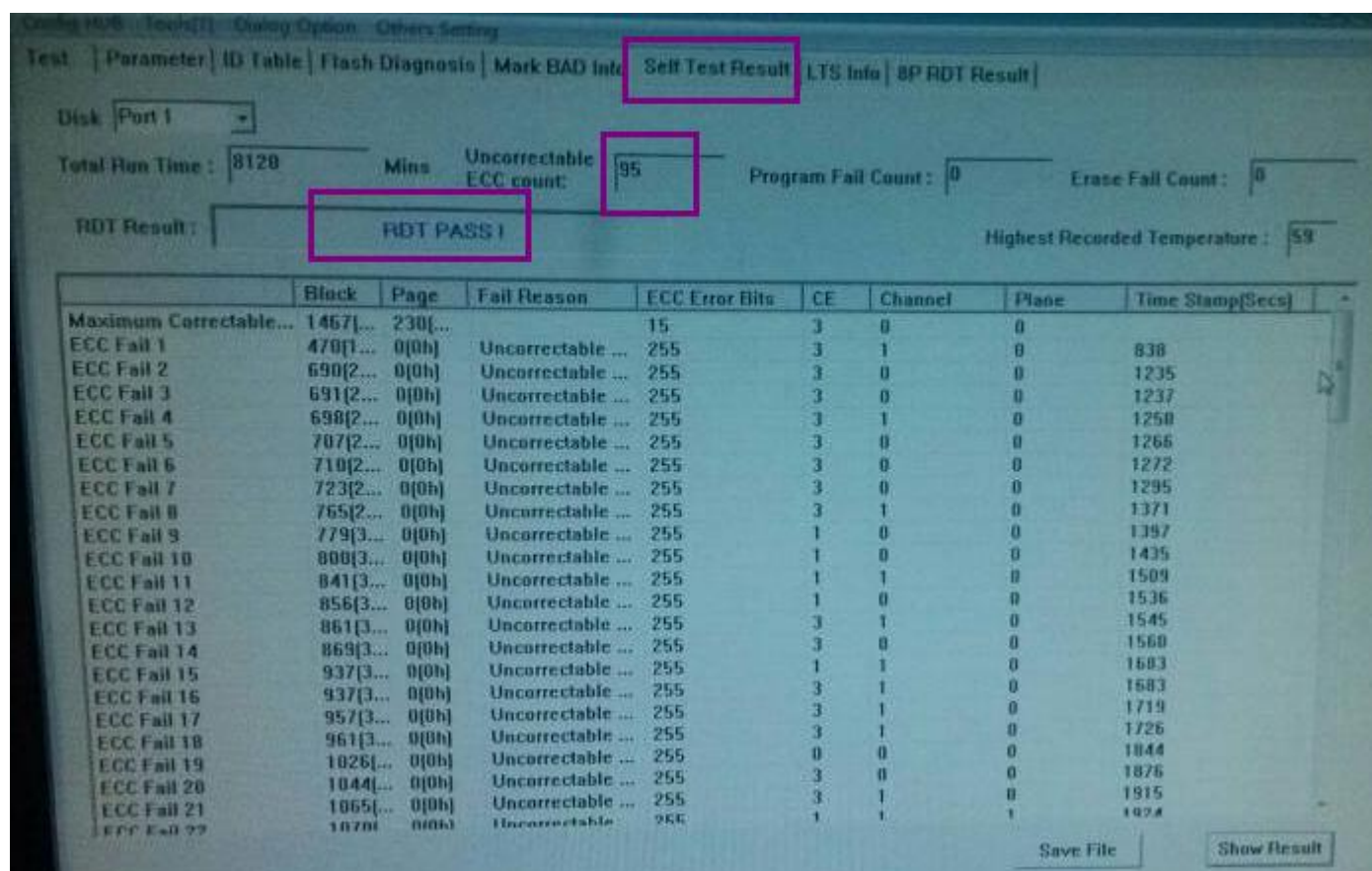


3, RDT 开卡结果:



4. 关电后在接在其它的设备上，可以直接接在 5V 电源上，自动 RDT 测试。

5. RDT 测试 pass 结果：



6. 测试完 RDT 后需要重新开卡，设置如下

☒ Pretest 2. Reference Run Time Bad

PreTest File : PTEST2246.bin

BootISP File : BootISP2246.bin

☐ More Check / ECC bits 0

PRET /CH All CH /CE All CE

Strong Page Ratio : None of Total Block

☒ Download ISP

ISP File : ISP2246.bin

DRAM

开卡测试完毕。