



ELEVATE YOUR BUSINESS.

eGalaxWorks PCAP Touch Diagnostic Tool

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(Content / Agenda)



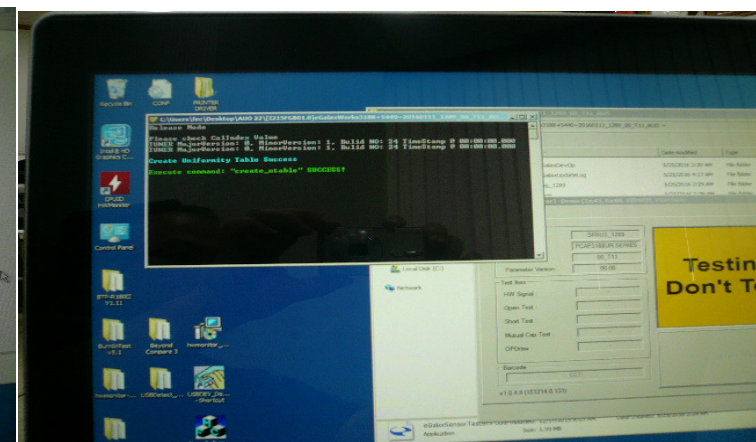
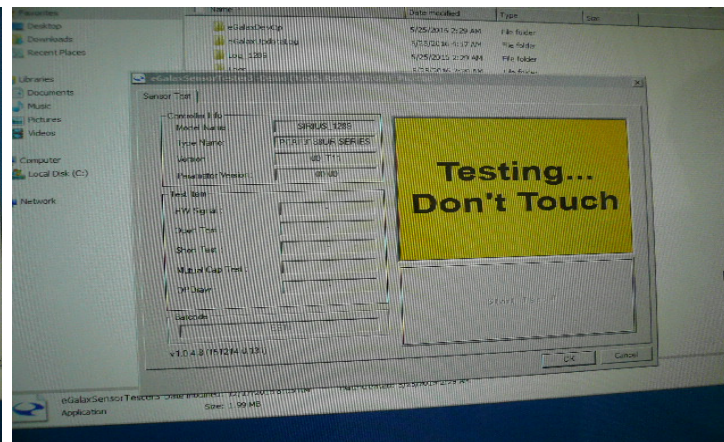
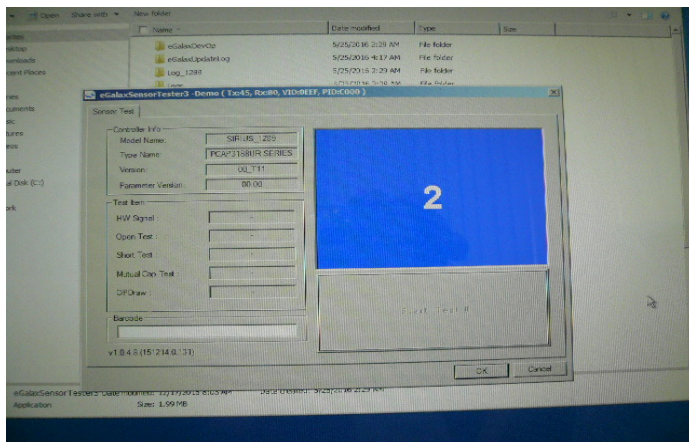
I- Tool

II- Test Method

Test Method- eGalaxSensorTester3



1. Run eGalax Sensor Tester3.exe. It will do auto-detection.



2. The utility will proceed to check and update firmware automatically.

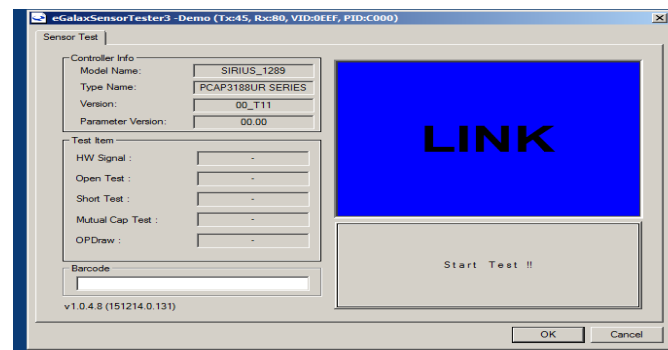
Test Method- eGalaxSensorTester3



- If there is **NO-LINK** message indicates connection problem. Reconnect the touch cable.



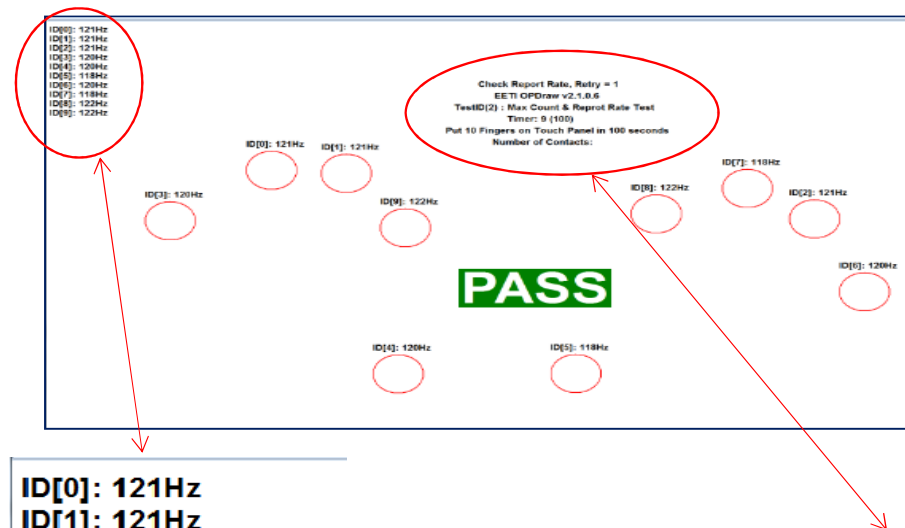
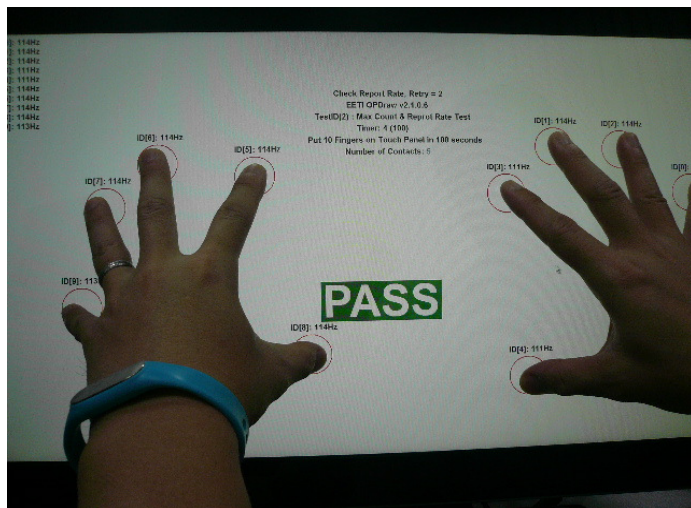
- If connection is established, **LINK** message is shown



Test Method-eGalaxSensorTester3



- Do 10 fingers touch test



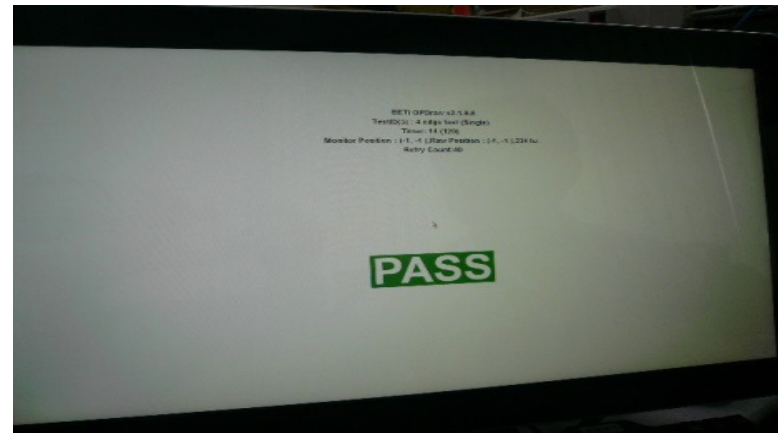
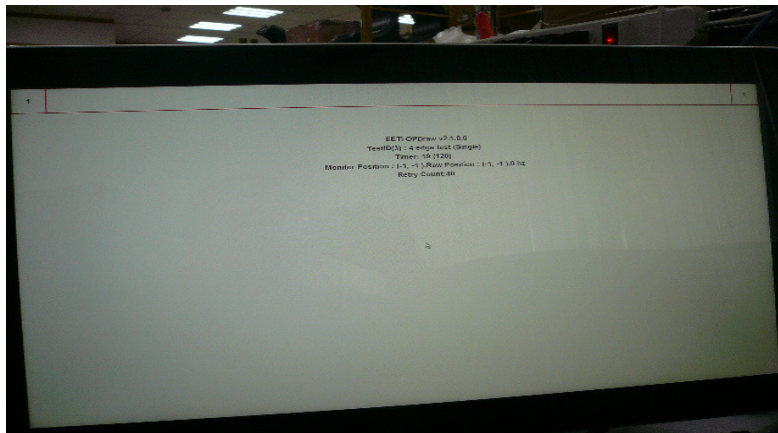
ID[0]: 121Hz
ID[1]: 121Hz
ID[2]: 121Hz
ID[3]: 120Hz
ID[4]: 120Hz
ID[5]: 118Hz
ID[6]: 120Hz
ID[7]: 118Hz
ID[8]: 122Hz
ID[9]: 122Hz

Check Report Rate, Retry = 1
EETI OPDraw v2.1.0.6
TestID(2) : Max Count & Reptot Rate Test
Timer: 9 (100)
Put 10 Fingers on Touch Panel in 100 seconds
Number of Contacts:

Test Method-eGalaxSensorTester3



- Four edges test



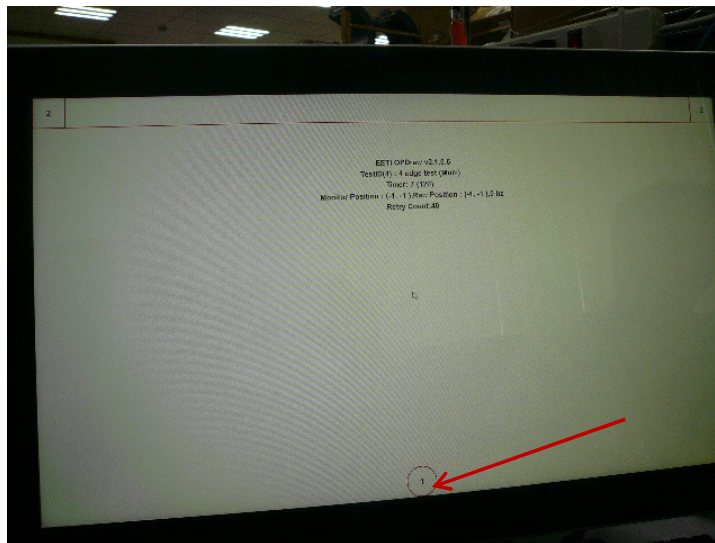
Must draw line in the red box

EETI OPDraw v2.1.0.6
TestID(3) : 4 edge test (Single)
Timer: 9 (120)
Monitor Position : (-1, -1), Raw Position : (-1, -1), 0 hz
Retry Count: 40

Test Method-eGalaxSensorTester3



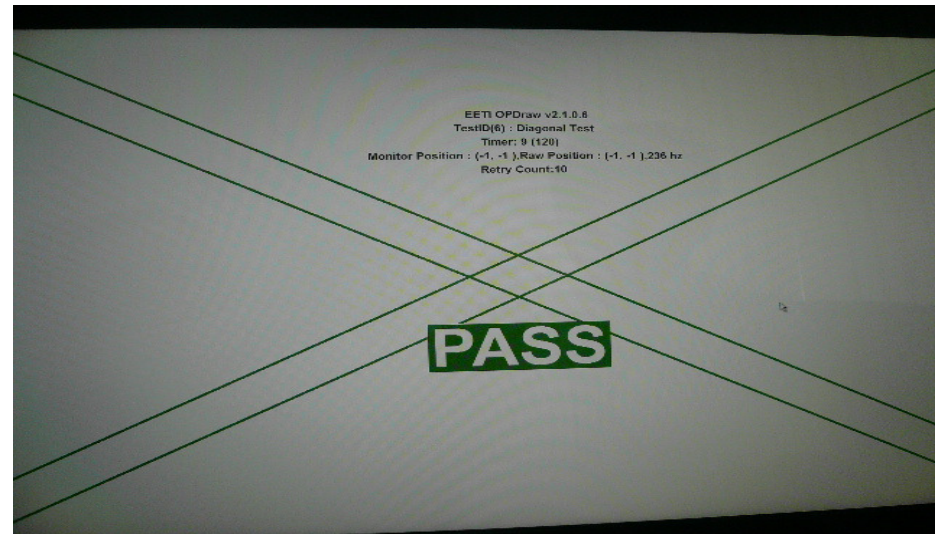
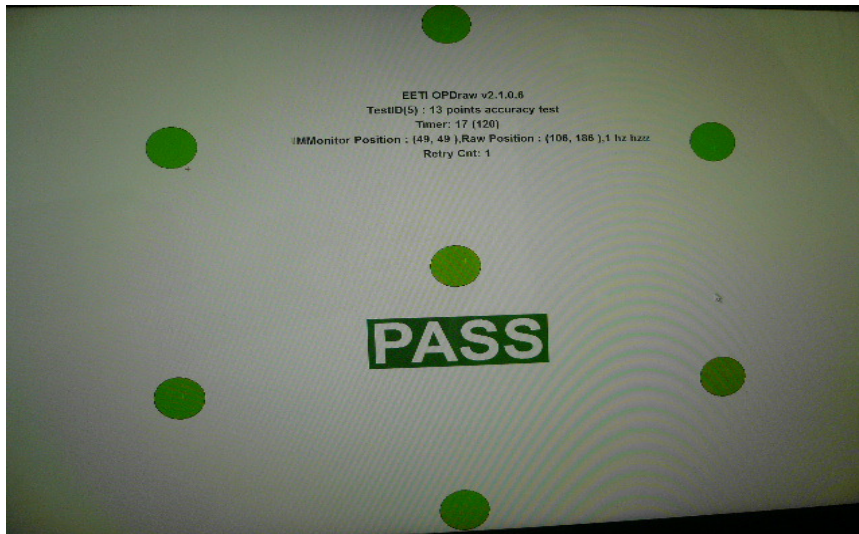
- Four edges test with simultaneous target press



Test Method-eGalaxSensorTester3



13 points individual touch test



Cross Line drawing test

Test Method-eGalaxSensorTester3



eGalaxSensorTester3 - Demo (Tx:45, Rx:80, VID:0EEF, PID:C000)

Sensor Test

Controller Info

Model Name:	SIRIUS_1289
Type Name:	PCAP3188UR SERIES
Version:	00_T11
Parameter Version:	00.00

Test Item

HW Signal :	P A S S
Open Test :	P A S S
Short Test :	P A S S
Mutual Cap Test :	P A S S
OPDraw :	P A S S

Barcode

Start Test !!

Pass !!

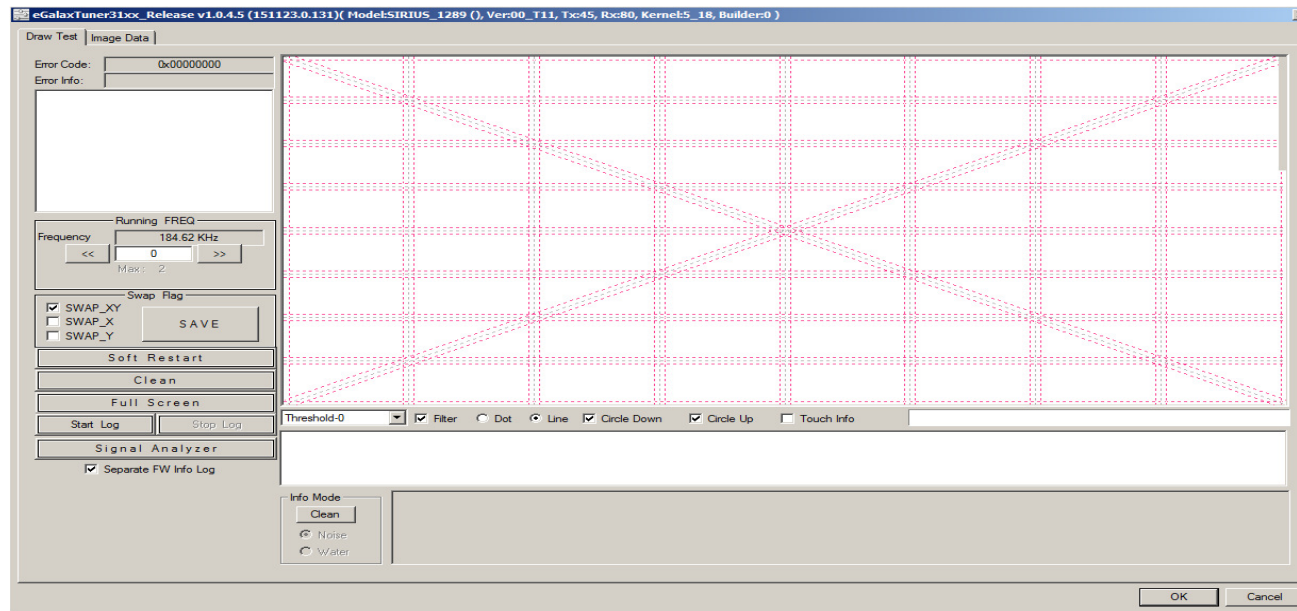
v1.0.4.8 (151214.0.131)

OK Cancel

Test Method-eGalaxTuner31XX



- Abnormal signal activity check

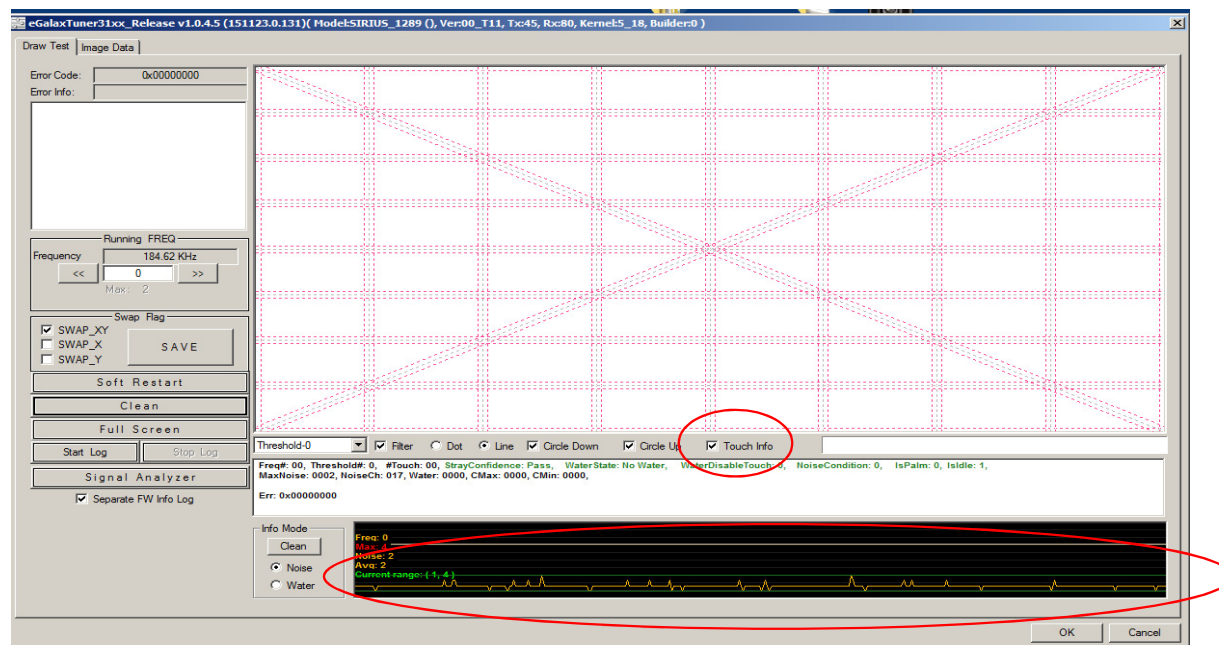


- Run eGalaxTuner31XX leave undisturbed for extended period

Test Method-eGalaxTuner31XX



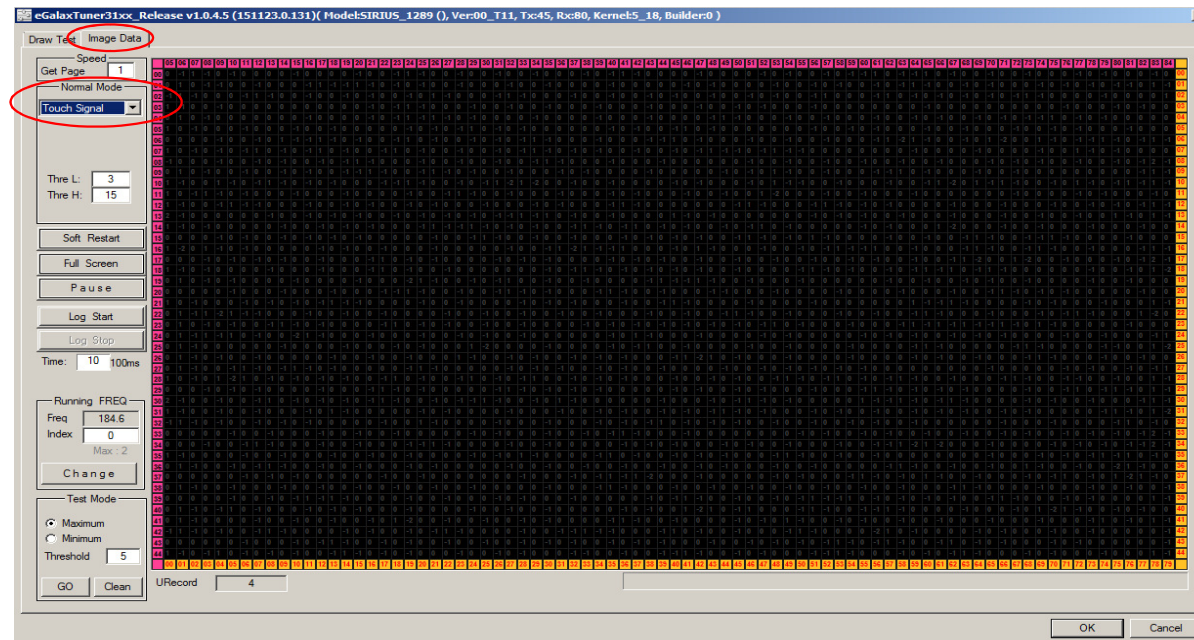
- Select Touch info to check signal indicator log lines should not have any large spikes



Test Method-eGalaxTuner31XX



- Select Image Data tab

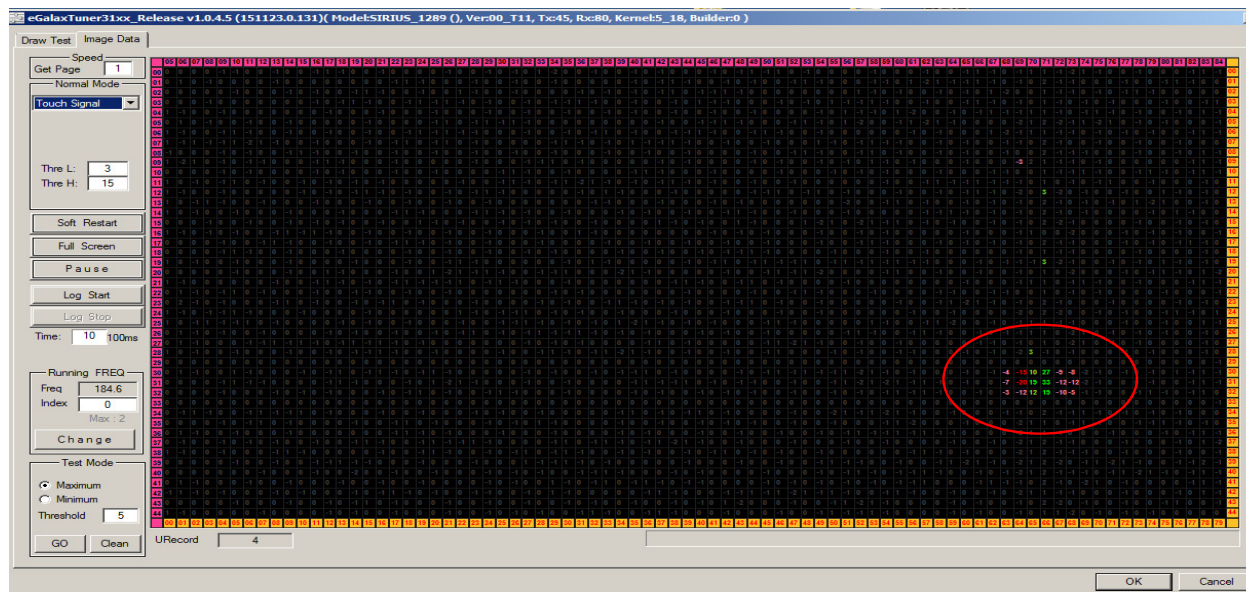


- Choose Touch signal at Normal Mode
-



Test Method-eGalaxTuner31XX

- Normal data value should be within -2~2
- Anything outside of the range will be shown in color



Test Method



- If the touch is not working properly, after testing, can't find abnormality, please send log file to FEC for analysis.
- Or send touch assembly to FEC for analysis .



Thank You.