

Installation and user guide for C23 Calibration APK rev1

Purpose:

The APK “Elan EPL6803 PS/ALS Calibration.apk” is to calibrate Light Sensor and Proximity Sensor.

This calibration is needed if main PBA or Front cover is replaced.

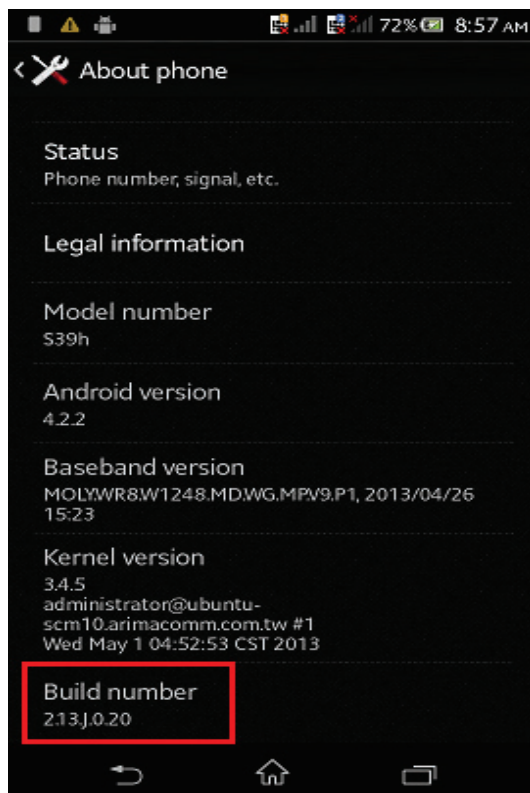
There are 5 chapters in this guide.

1. USB driver installation.
2. How to install C23 calibration APK.
3. How to calibrate Light Sensor.
4. How to calibrate Proximity Sensor.
5. How to remove APK and disable USB debugging.

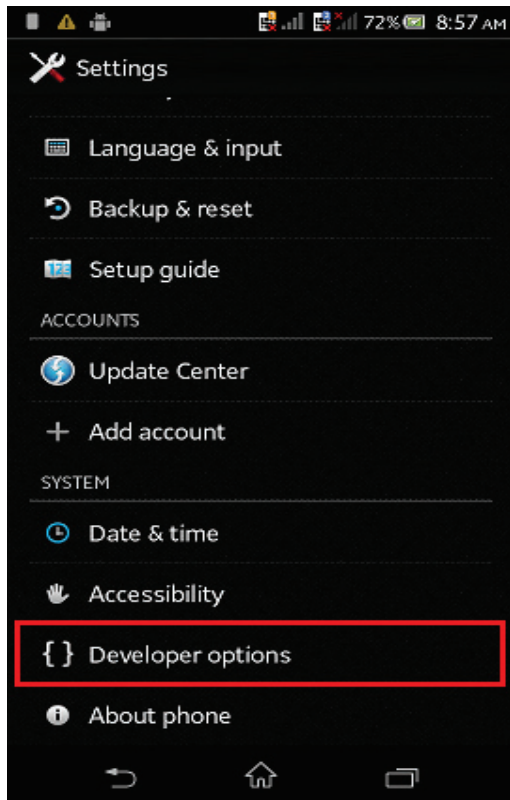
Caution:

Please read 2-d (item d in chapter 2) and 2-e (item e in chapter 2) carefully and follow the rules before you execute calibration, otherwise, it could make the calibration fail.

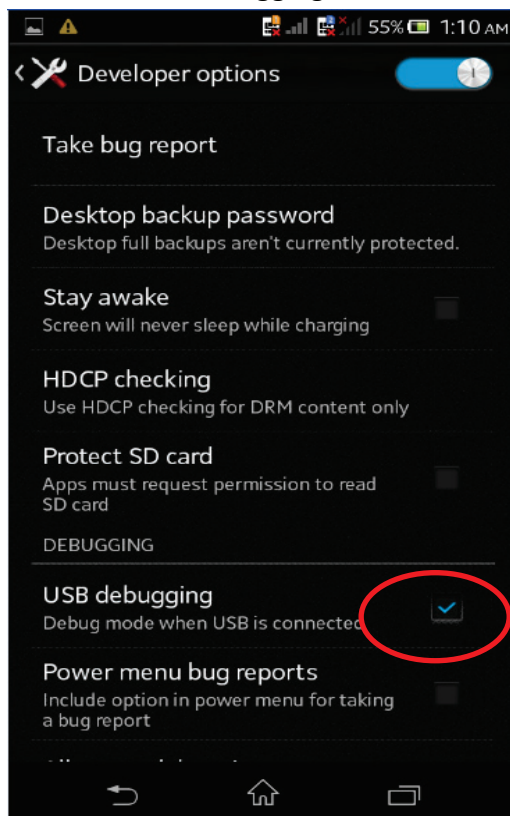
- ✧ Before installation, please go to device and press menu key → “Settings” → “About phone” hit “Build number” 7 times.



"Developer options" menu item will be showed in "Settings" page.



Enable "USB" debugging



1. USB driver installation:

- Since the APK need to be installed by ADB command, please install USB driver first.
- There are 2 ways to install USB driver:
 - a. Via Install adb drivers: Installation guide is in below file

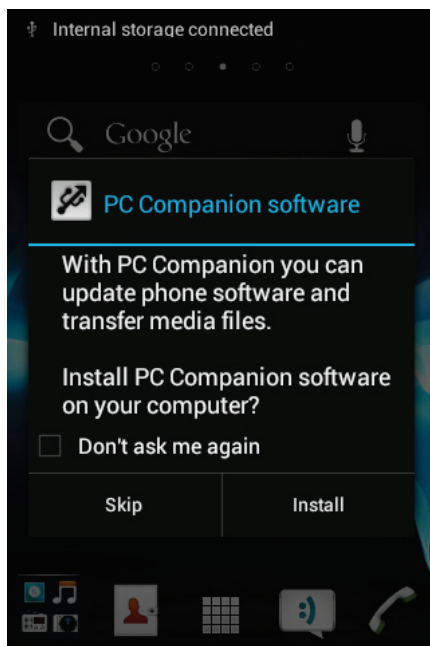
USB Driver Installation guide for C23

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| Installation Guide for automatic driver installation Windows 7 | 4 |
| Installation Guide for manually driver installation for Windows XP and Windows 7 | 7 |



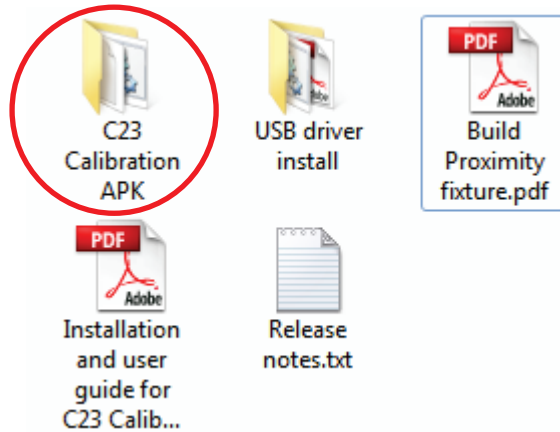
| Revision | Description | Date |
|----------|---------------|----------|
| 1 | First release | 13.07.20 |

- b. Via PC companion: When plugging USB cable, there is pop up window shown up in the device, tap “install” for installation

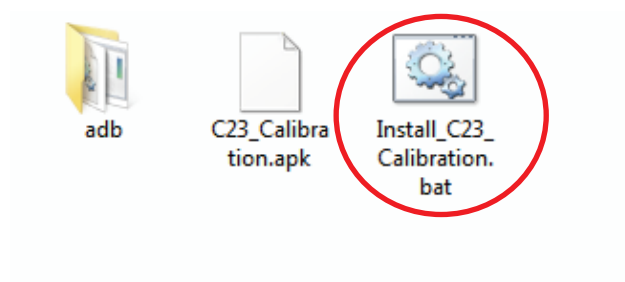


2. How to install C23 calibration APK.

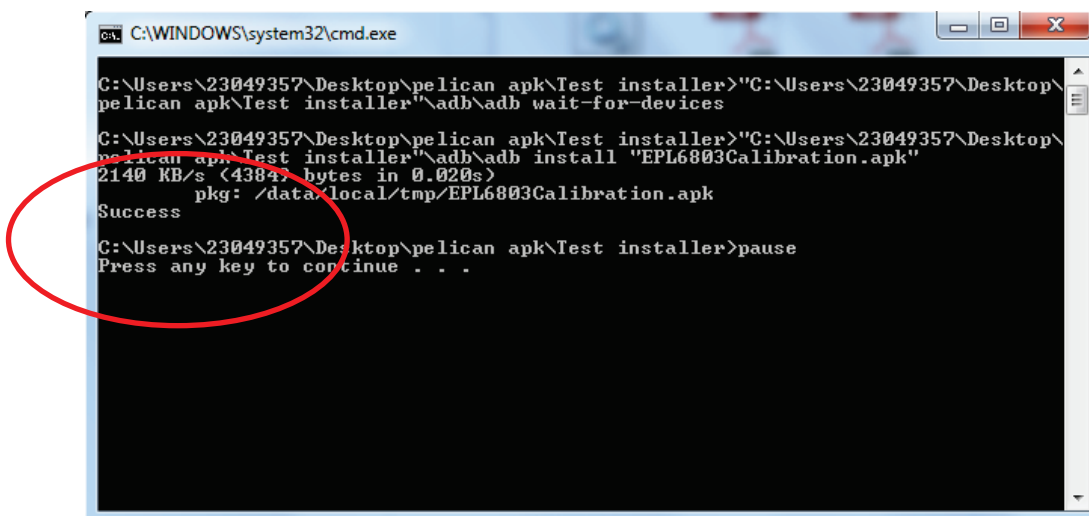
- a. Prepare a PC and connect to device with USB cable and wait for USB driver installs.
- b. Open C23 Calibration APK folder.



- c. Double click [Install_C23 calibration.bat](#) to install calibration Apk.



Below screenshot should be shown in PC:



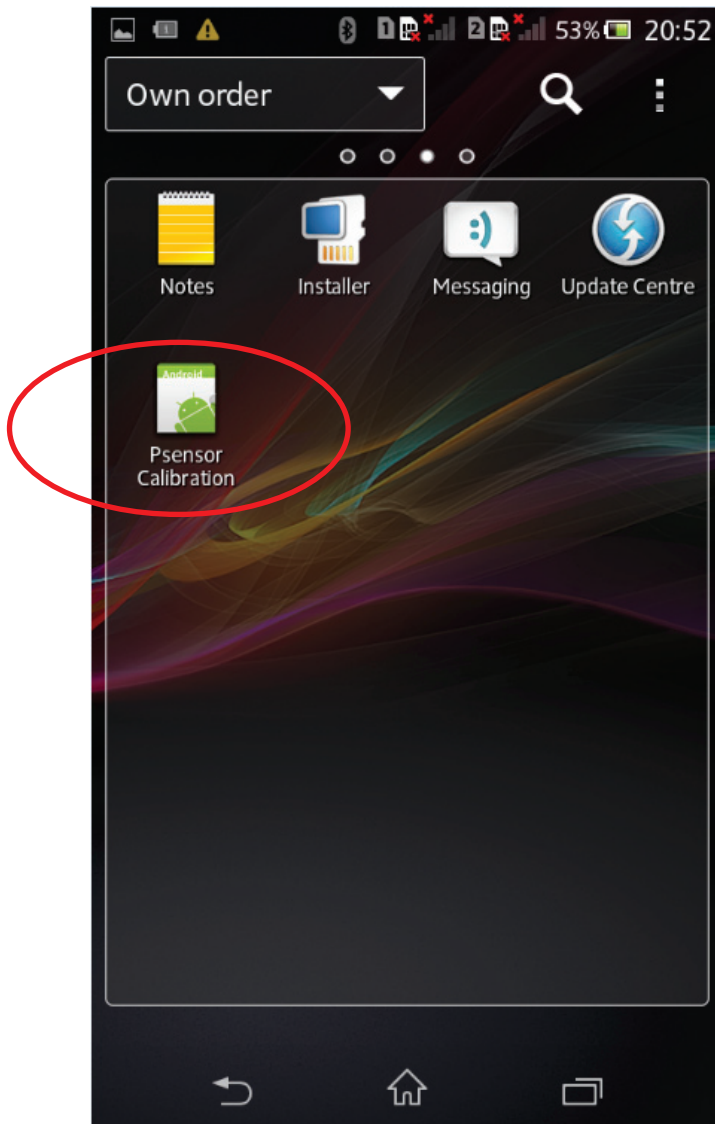
```
C:\WINDOWS\system32\cmd.exe
C:\Users\23049357\Desktop\pelican apk\Test installer>"C:\Users\23049357\Desktop\pelican apk\Test installer"\adb\adb wait-for-devices
C:\Users\23049357\Desktop\pelican apk\Test installer>"C:\Users\23049357\Desktop\pelican apk\Test installer"\adb\adb install "EPL6803Calibration.apk"
2140 KB/s (4384 bytes in 0.020s)
pkg: /data/local/tmp/EPL6803Calibration.apk
Success
C:\Users\23049357\Desktop\pelican apk\Test installer>pause
Press any key to continue . . .
```

If **Success**, the APK are installed.

d. **Unplug USB cable**

The most important step, please remember to unplug USB cable before you execute the application. The USB connection will interfere with calibration.

e. Select “**Psensor Calibrator**” icon to let the device execute auto calibration.

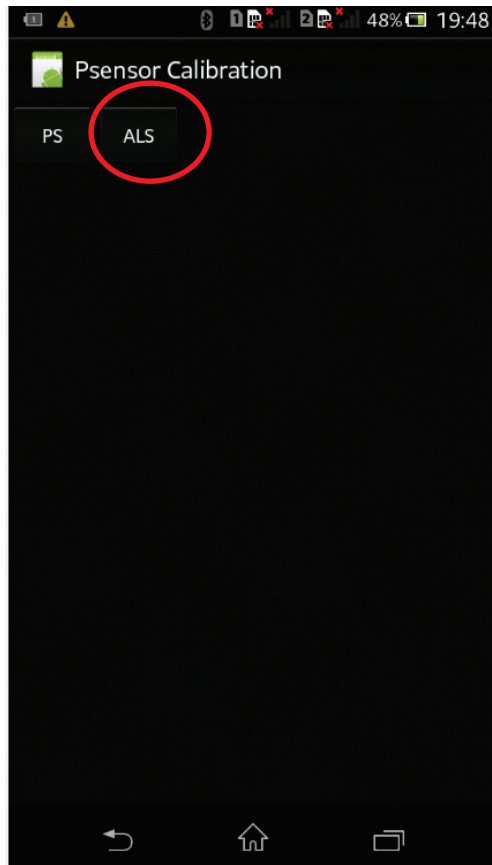


- f. There would be two items presented for the calibration process. PS (Proximity Sensor) and ALS (Light Sensor Reset only) correspondingly.

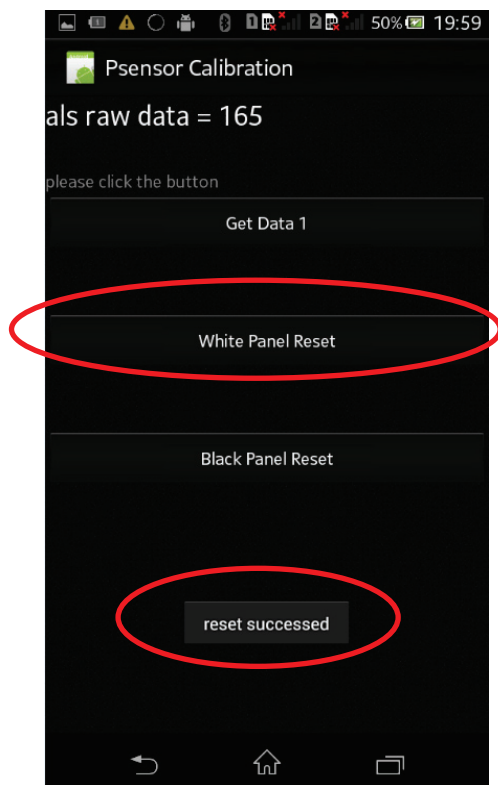


3. How to set ALS sensor default value for white/black panel

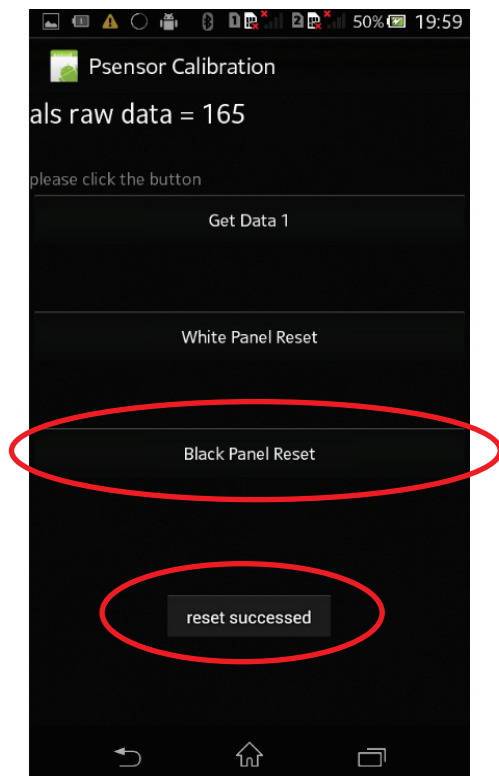
Press “ALS” item in PSensor Calibration to enter the menu of Light Sensor.



1. Press " White Panel Reset " button to set default value for white panel

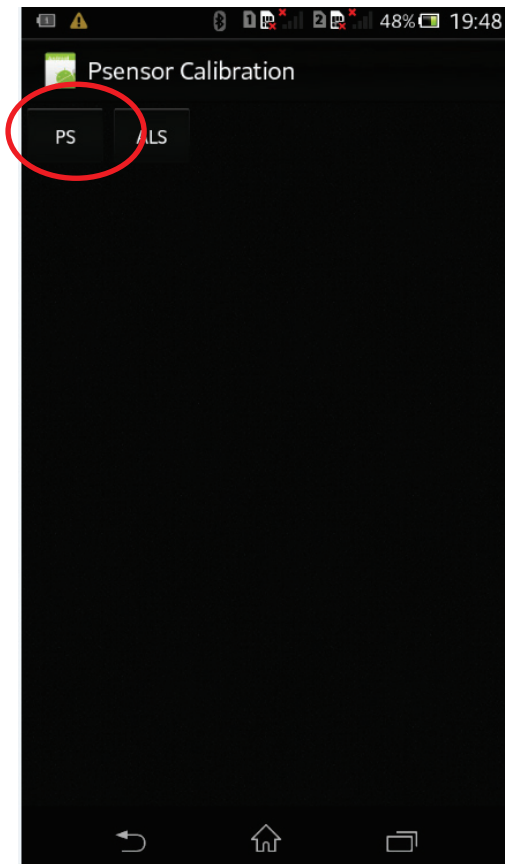


2. Press " Black Panel Reset " button to set default value for black panel

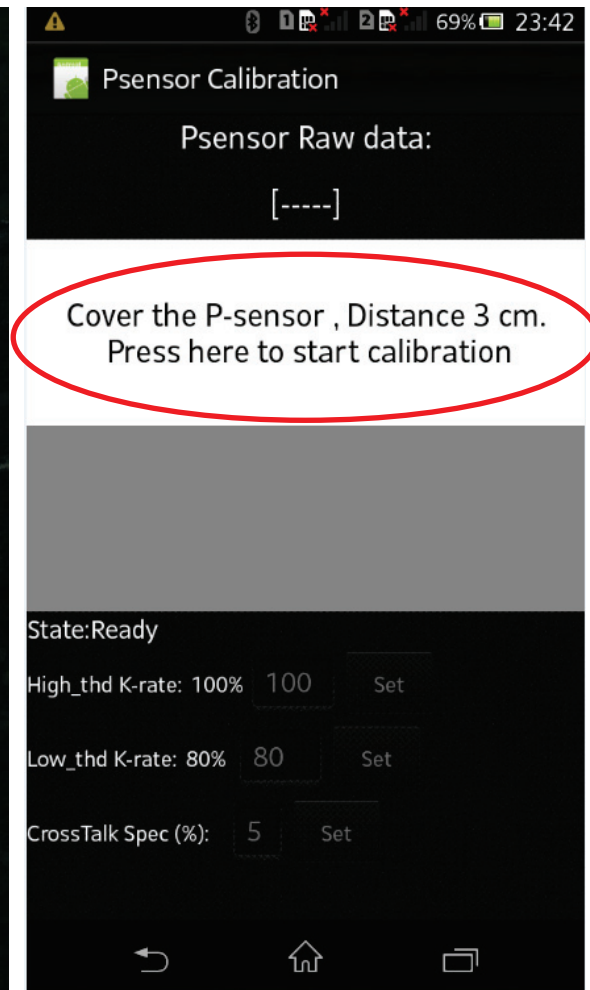
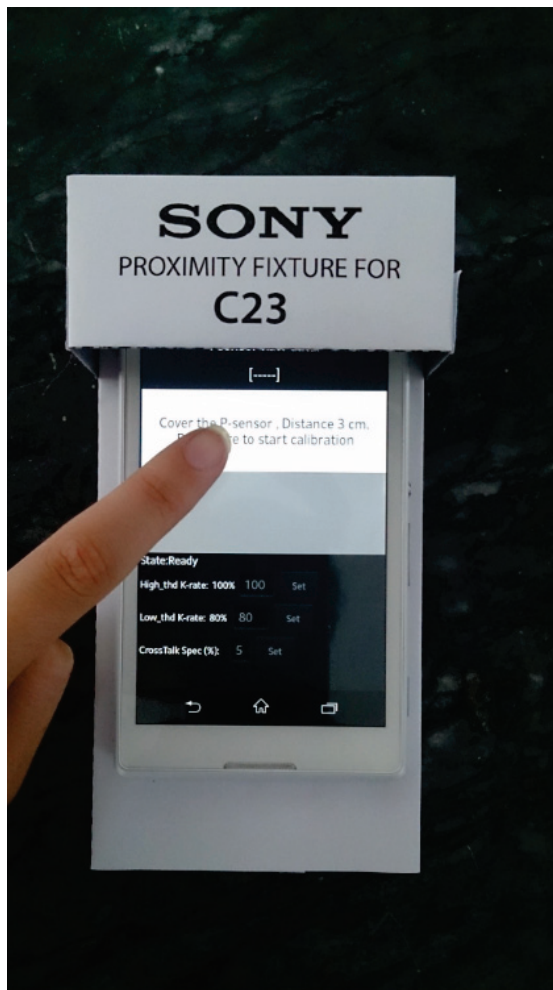


4. How to calibrate Proximity Sensor.

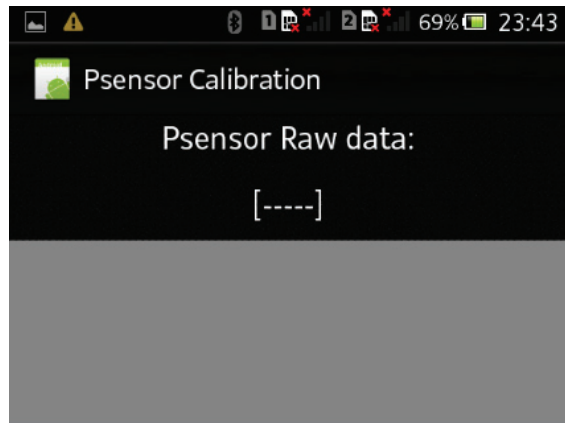
Press “PS” item in Sensor Calibration to enter the menu of Proximity Sensor Calibration.



Put the handset into Proximity fixture for C23, and then press the white part manually



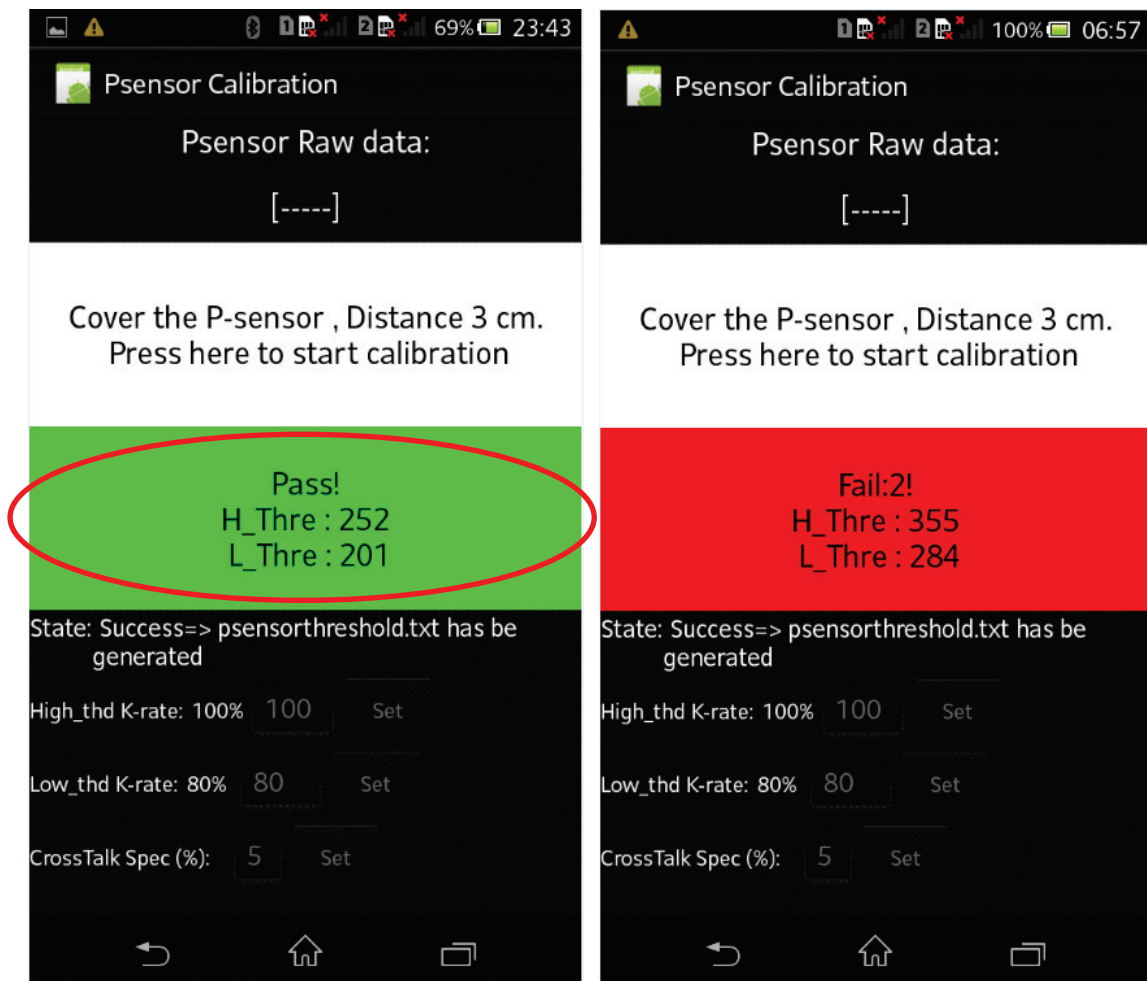
Pull out the phone from fixture make sure that P-sensor is uncovered, and then press white part manually.



Uncover P-sensor .
Press here to finish calibration

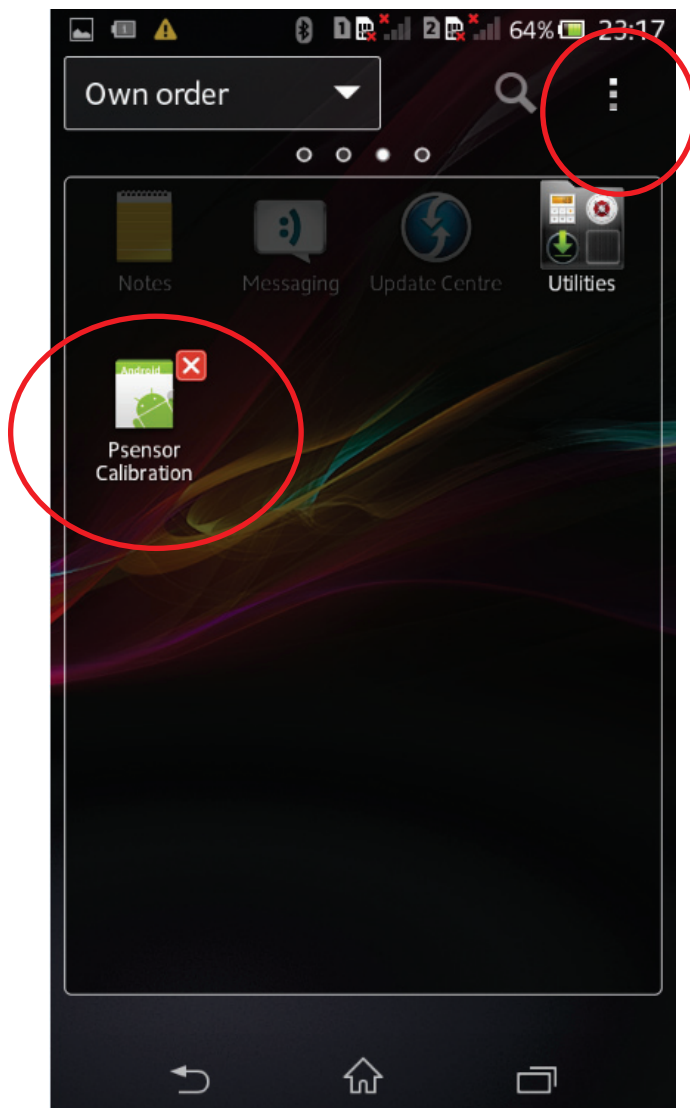


The screen will show the result, **Green** means **Pass** and Red means NG



5. How to remove the APK and disable USB debugging.

Press Uninstall.



Then uninstall page will be shown up. Press “Uninstall”.

Please go to device and press menu key → “Settings” → “Developer options” to disable “USB debugging”

