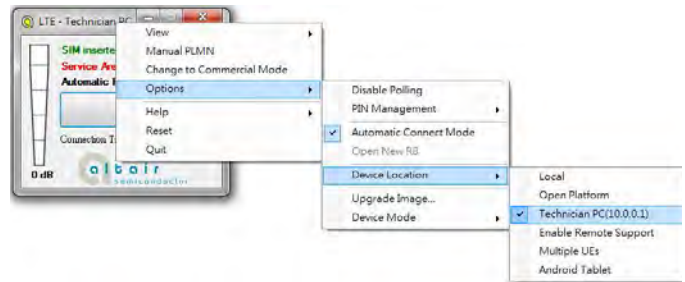


3.1.9. Device Location

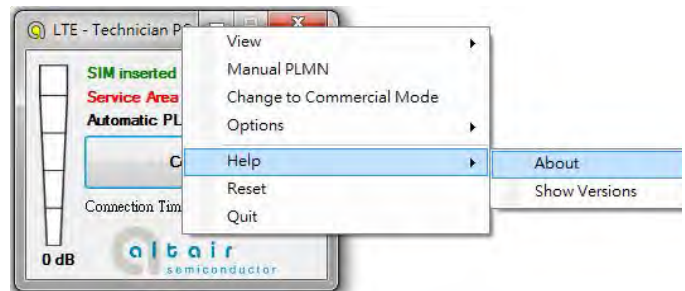
1. For Quanta hostless device, please use “Technician PC” only.
2. Please right click on top of connection manager and select “Options→Device Location→Technician PC”.
3. Please set IP address to “10.0.0.1” and click “OK” button.
4. Connection manager will get information from Quanta hostless device.



3.1.10. Help

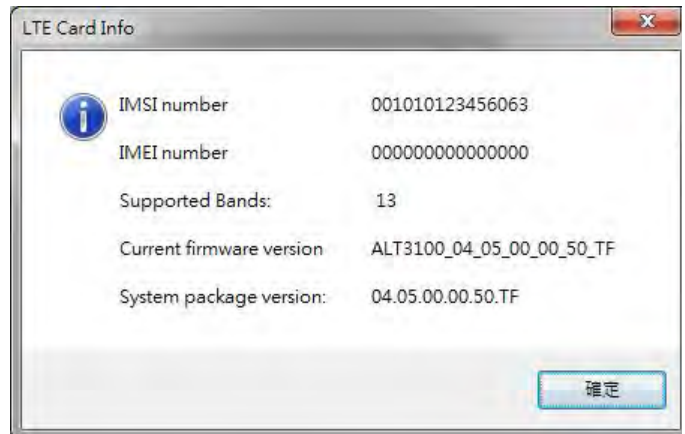
1. Please right click on top of connection manager and select “Help→About”.

2. Connection manager will pop out a “LTE Card Info” message box.



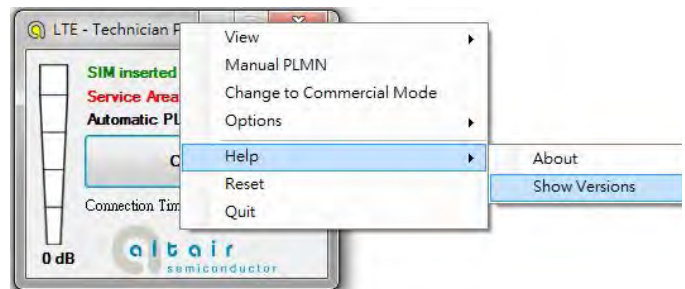
3. It will show information of IMSI number, IMEI number, Supported Bands, Current firmware version, and System package version.

4. Please click “OK” button.



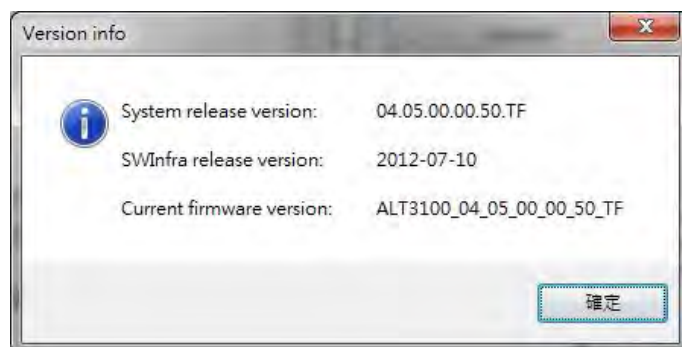
5. Please right click on top of connection manager and select “Help→Show Versions”.

6. Connection manager will pop out a “Version info” message box.



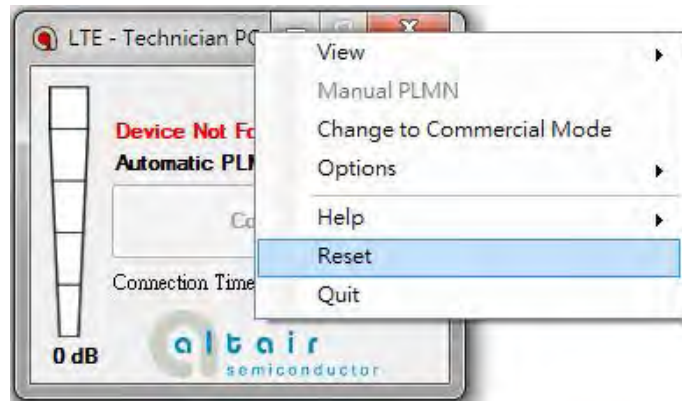
7. It will show information of System release version, SWInfra release version, and Current firmware version.

8. Please click “OK” button.



3.1.11. Reset

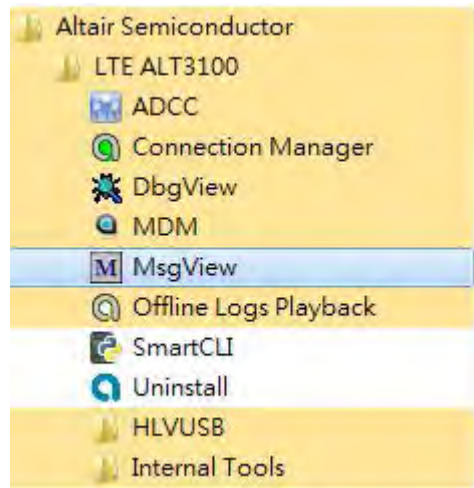
1. Please right click on top of connection manager and select "Reset".
2. Connection manager will pop out a "" message box.



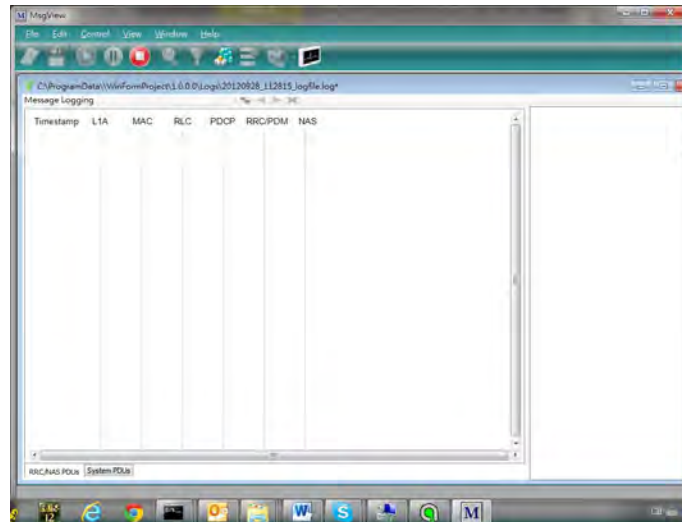
4. Diagnostic Tool

4.1. MsgView

1. Please open MsgView by clicking
Start→Programs→Altair Semiconductor→LTE
ALT3100→MsgView.



2. Please click “Start Logging” button to start message logging.
3. Please plug in Quanta device and wait a few seconds for device to be ready.
4. Once you find an issue, please stop testing and data logging, please save log file and send it to Quanta.

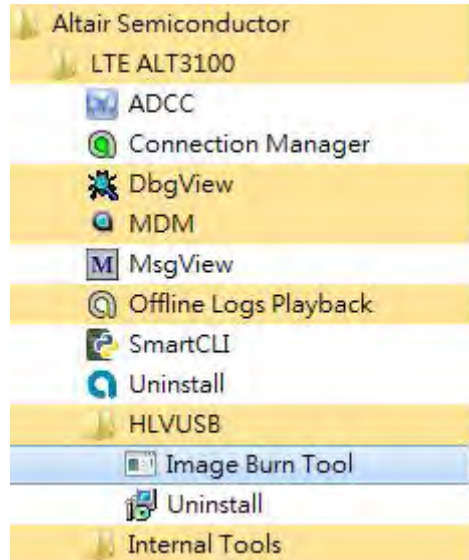


5. Firmware Upgrade

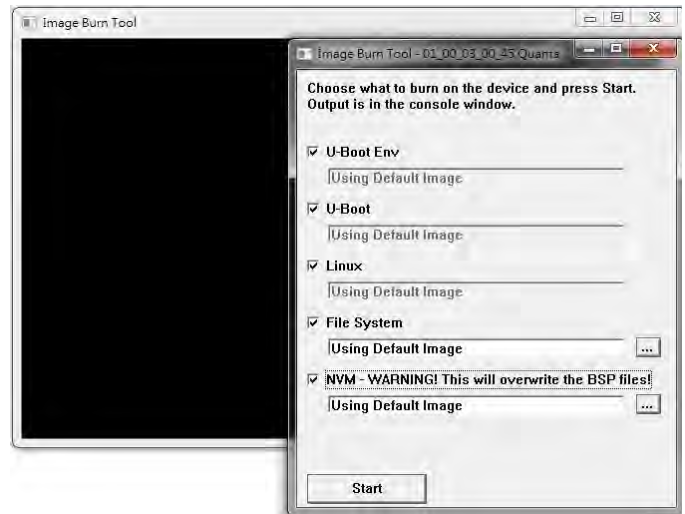
5.1. Image Burn Tool

1. Please click

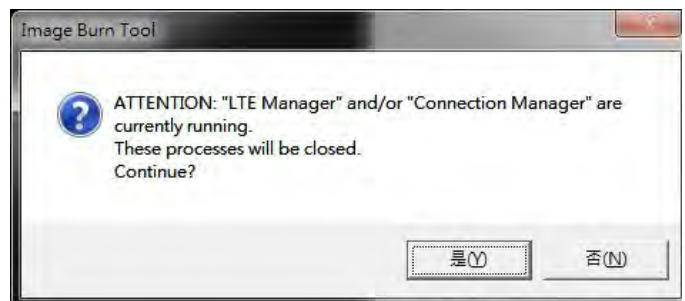
Start→Programs→Altair Semiconductor→LTE ALT3100→HLVUSB→Image Burn Tool.



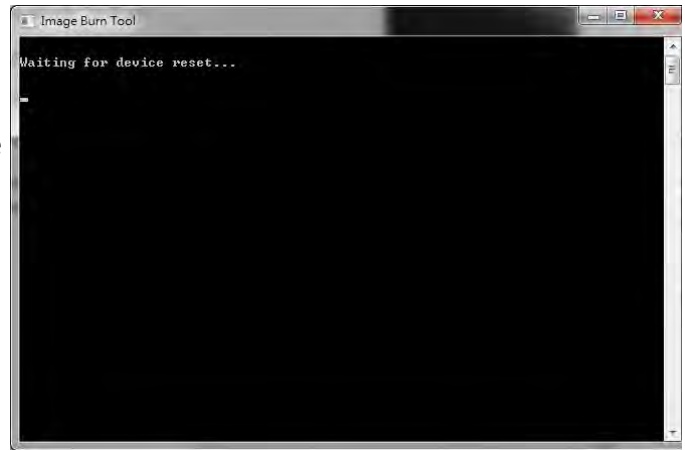
2. Please check “U-Boot Env”.
3. Please check “U-Boot”.
4. Please check “Linux”.
5. Please check “File System”.
6. Please check “NVM”.
7. Please click “Start” button to start firmware upgrade process.



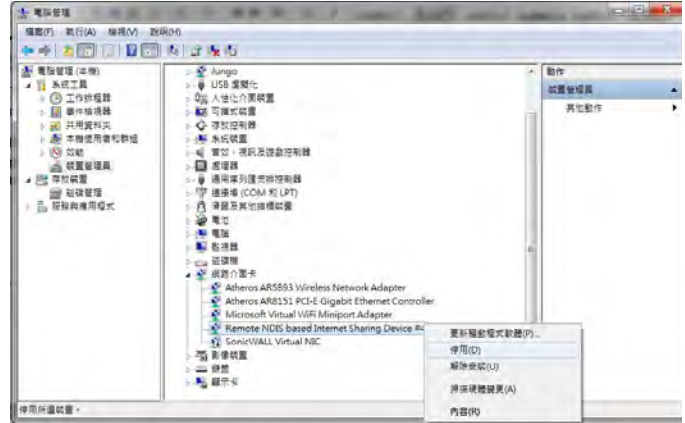
8. Please click “YES (Y)” button.



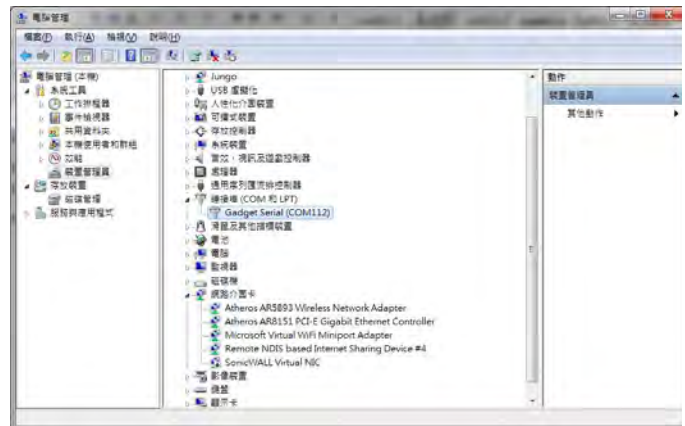
9. It will show message “Waiting for device reset ...”.
10. The easiest way to reset device is to power cycle device (i.e. to take out and plug in device).
11. If you are doing remote firmware upgrade process, please follow the following procedure to reset device.



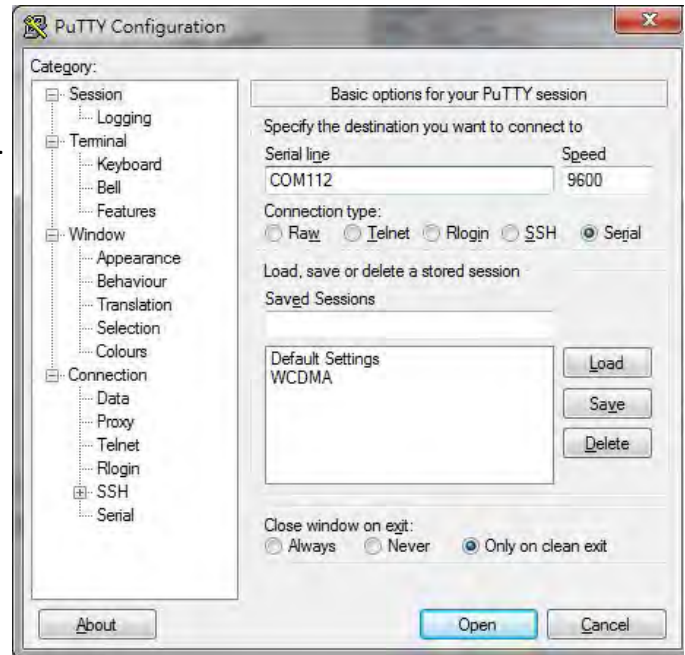
12. Please open device manager and find network interface of Quanta device “Remote NDIS based Internet Sharing Device #”.
13. Please disable this network interface by right click on it.
14. Please enable this device again.



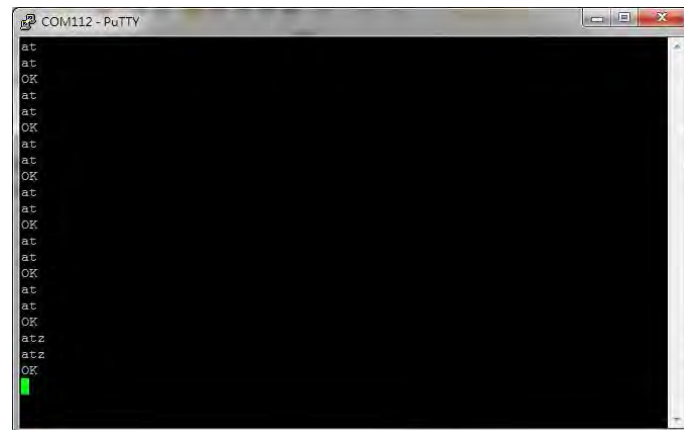
15. Please find your Gadget Serial COM port number (for example, COM112).



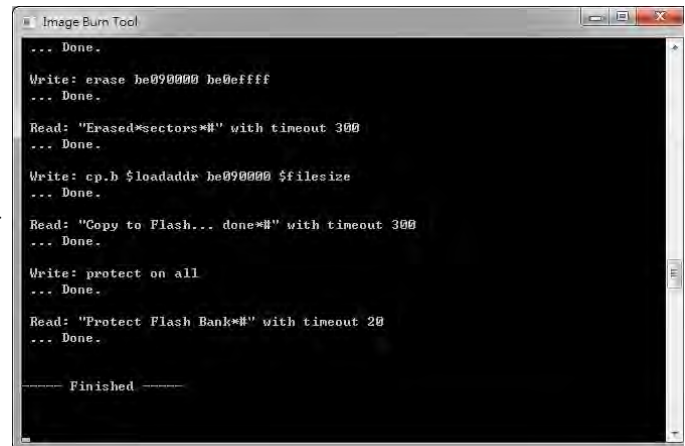
16. Please open COM112 COM port (for example, open it by putty.exe)
17. Please select "Serial" as your "Connection type".
18. Please fill in "COM112" as your "Serial line".
19. Please click "Open" button to set up connection.



20. Please enter "at".
21. Please check if it responds with "OK".
22. Please enter "atz" AT command to reboot Quanta device.



23. After Quanta device reboots successfully, the "Image Burn Tool" will start to do firmware upgrade process.
24. Please make sure you Quanta device has finished the firmware upgrade process with "---- Finished ----".
25. Please close "Image Burn Tool".
26. Please take out and plug in Quanta device.

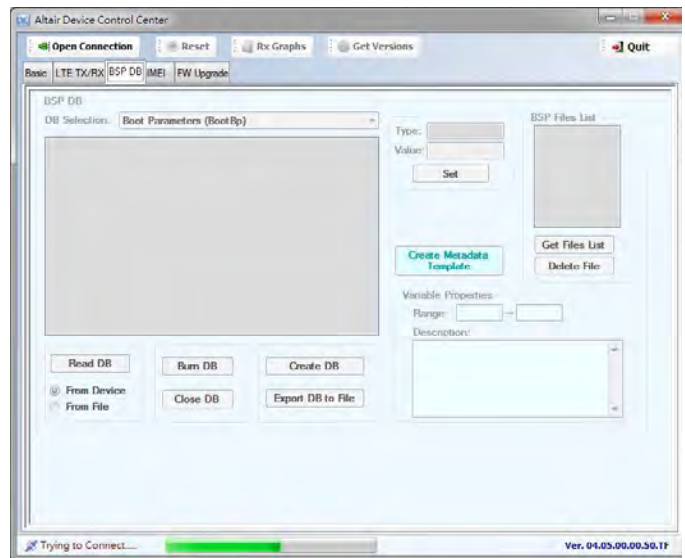


27. In order to recover the original calibration data, please use ADCC tool.

28. After the device reboot successfully, please open “Altair Device Control Center” by clicking, Start→Programs→Altair Semiconductor→LTE ALT3100→ADCC.

29. Please click “Open Connection” and wait for a few minutes.

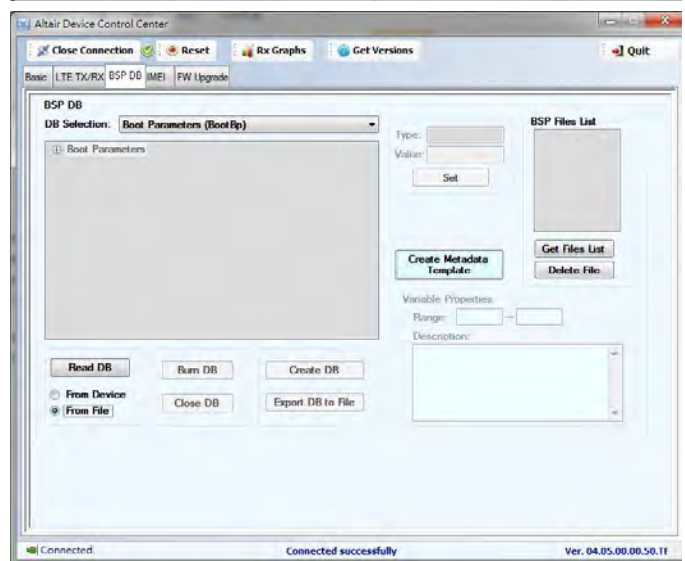
30. Please click “BSP DB” tab.



31. Please select “Boot Parameters (Boot Bp)”.

32. Please select “From File”.

33. Please click Read DB and find the source DB and click “Open” button to read it.



34. Please click “Burn DB” button to start burning.

35. Please repeat this procedure to burn the other DBs.

