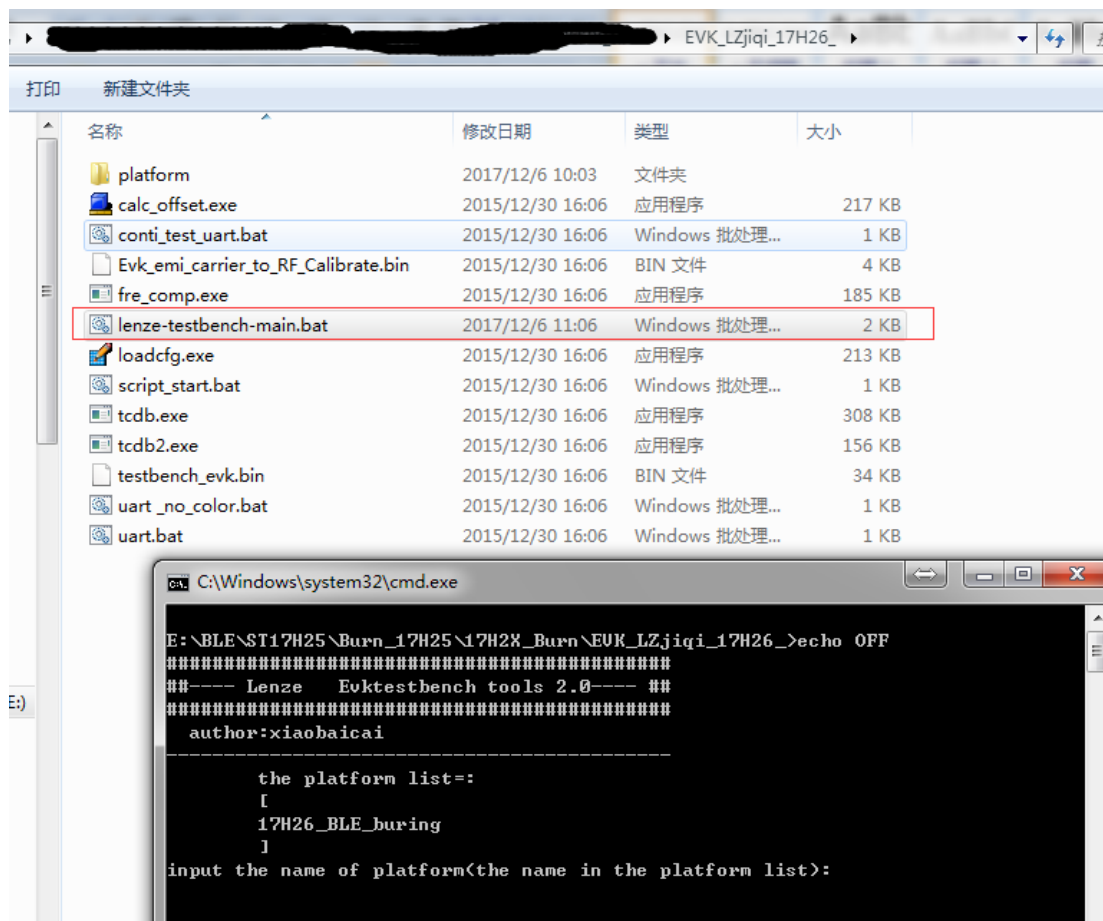




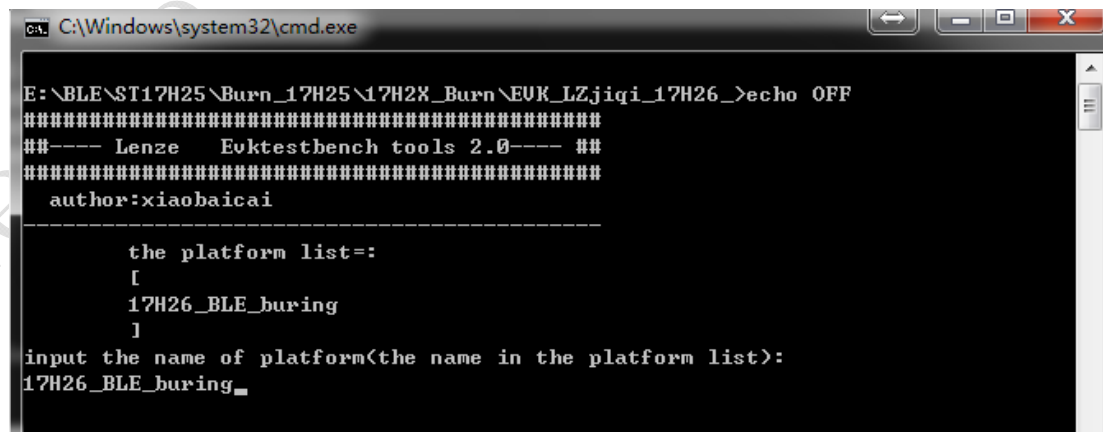
17H2x 程序下载到 EVK 烧录板说明

把 EVK 烧录板断电, 用 USB 连接电脑和 EVK 烧录板的 mini USB 口。

1: 双击文件夹中批处理文件 lenze-testbench-main.bat



2: 在 cmd.exe 窗口下按 tab 按键, 出现 platform 文件夹中的子文件夹名字 (程序就在子文件夹中)





3: 出现文件夹名字之后, 回车

4: 输入 yes 再次回车确认要把新的程序下载到烧录盒子上的离线烧录 evk 小板。

```
C:\Windows\system32\cmd.exe

E:\BLE\ST17H25\Burn_17H25\17H2X_Burn\EUK_LZjiqu_17H26_>echo OFF
#####
##---- Lenze  Evktestbench tools 2.0---- ##
#####
author:xiaobaicai

-----

the platform list=:
[
17H26_BLE_buring
]
input the name of platform(the name in the platform list):
17H26_BLE_buring
do you want to write test_bench to EUK board? yes/no
yes_
```

```
C:\Windows\system32\cmd.exe

17H26_BLE_buring
]
input the name of platform(the name in the platform list):
17H26_BLE_buring
do you want to write test_bench to EUK board? yes/no
yes
E:\BLE\ST17H25\Burn_17H25\17H2X_Burn\EUK_LZjiqu_17H26_\platform\17H26_BLE_buring

Add 2367 bytes from test.tls
Add 13416 bytes from 17H26_Lenze_ARGun_3432_171206.bin
Add 2760 bytes from dut_5318_flash.bin
Add 2048 bytes from dut_5318_gpio.bin
Add 2588 bytes from dut_5318_otp.bin
Add 1676 bytes from dut_5318_otp_normal_check.bin
Add 2685 bytes from dut_5318_rf.bin
*****TB filesystem generate:2.1*****
output test.cfg [15k test.tls + 4k filesys header + n k filesystem]
filesys header 64byte: 4byte length + 4byte address + filename(max 56 byte)
*****
Flash Sector <4K> Erase & Program at address 10000
Flash Sector <4K> Program at address 10400
Flash Sector <4K> Program at address 10800
Flash Sector <4K> Program at address 10c00
Flash Sector <4K> Erase & Program at address 11000
Flash Sector <4K> Program at address 11400
Flash Sector <4K> Program at address 11800
Flash Sector <4K> Program at address 11c00
Flash Sector <4K> Erase & Program at address 12000
Flash Sector <4K> Program at address 12400
Flash Sector <4K> Program at address 12800
Flash Sector <4K> Program at address 12c00
Flash Sector <4K> Erase & Program at address 13000
Flash Sector <4K> Program at address 13400
Flash Sector <4K> Program at address 13800
```



5: 配置板号 (如无需求, 可以跳过)

```
C:\Windows\system32\cmd.exe
Flash Sector <4K> Erase & Program at address 8000
Flash Sector <4K> Program at address 8400
file download to 00000000: 34348 bytes
Total Time: 628 ms
test_bench bin file write done
do you want to write config parameter to EVK board? yes/no
yes
[loadcfg] config begin:
----telink tools: set config for EVK testbench----
please input the board number: 0 ~ 15
board number =
```

6: 配置频偏(可以忽略, 出厂之前都会配置的), evk 烧录板背部都会有一个数字表示该板子的频偏。配置的时候写入此值即可(区分正负)

```
C:\Windows\system32\cmd.exe
Flash Sector <4K> Program at address 3e80f
Total Time: 0 ms
Flash Sector <4K> Program at address 3e810
Total Time: 0 ms
Flash Sector <4K> Program at address 3e814
Total Time: 0 ms
config parameter write done
do you want to write frequently compensation for the EVK board? yes/no
yes
Delta_f/kHz = frequency_from_spectrum_analyzer - frequency_want = 41
frequent compensation done!
Flash Sector <4K> Erase at address 3f000
Total Time: 28 ms
Flash Sector <4K> Program at address 3f000
Total Time: 0 ms
frequent compensation done
### config done, please restart the EVK hardware...
请按任意键继续. . .
```

程序 down 完之后需要断电在烧录芯片测试。