1. ENV set up

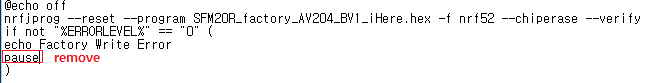
1) prepare binary

. build source

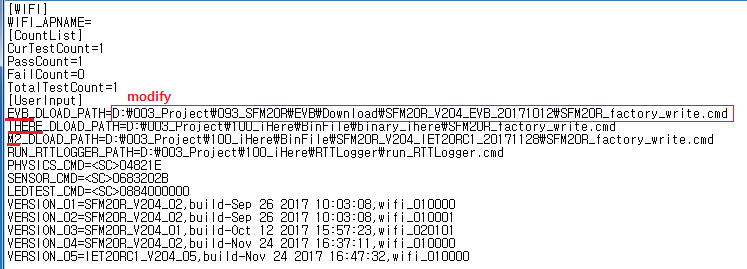
. run sigfox\_cfg2\_make\_factory\_image.bat (development\sigfox\_cfg2\source\pca10040\s132\arm5\_no\_packs)

. check firmware bin (development\sigfox\_cfg2\binary)

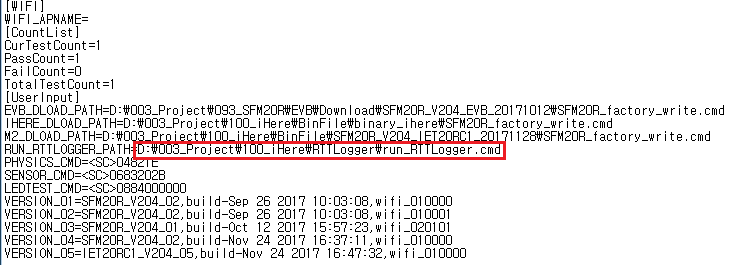
. edit SFM20R\_factory\_write.cmd



2) setting firmware path

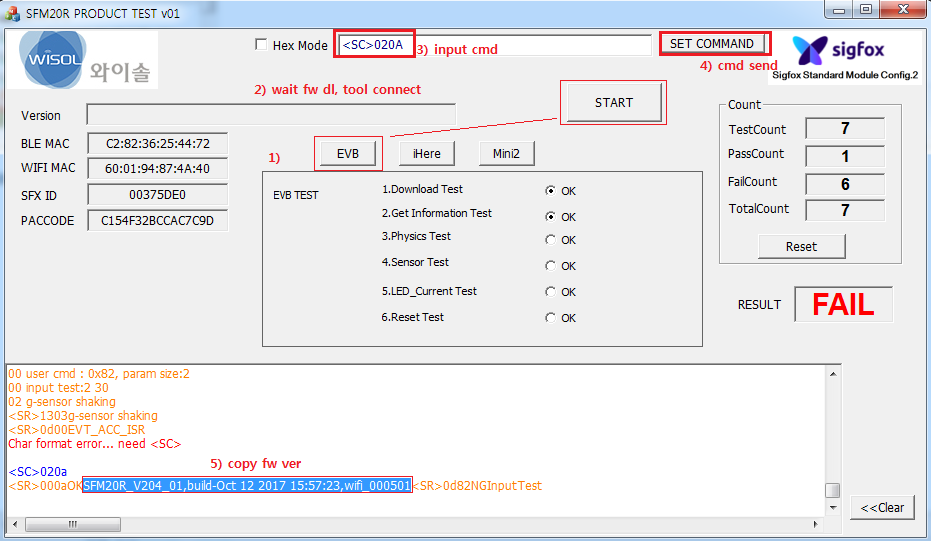


3) setting RTTLogger path (development\sigfox\_cfg2\tools\RTTLogger)

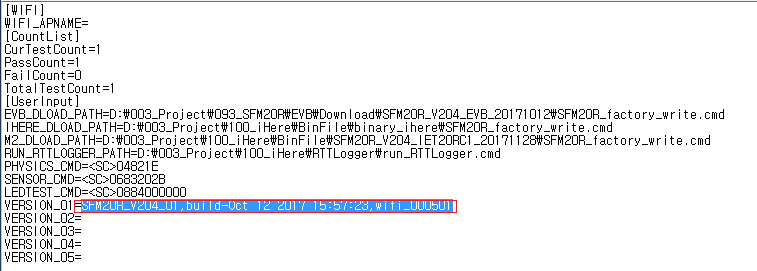


4) setting firmware version

. get firmware version



. set fw ver (it can set up to 5)



5) update command parameter

PHYSICS\_CMD=<SC>0482**1E**

-> "1E" is timeout

SENSOR\_CMD=<SC>0683**202B**

-> 202B : bettery level min32,max43

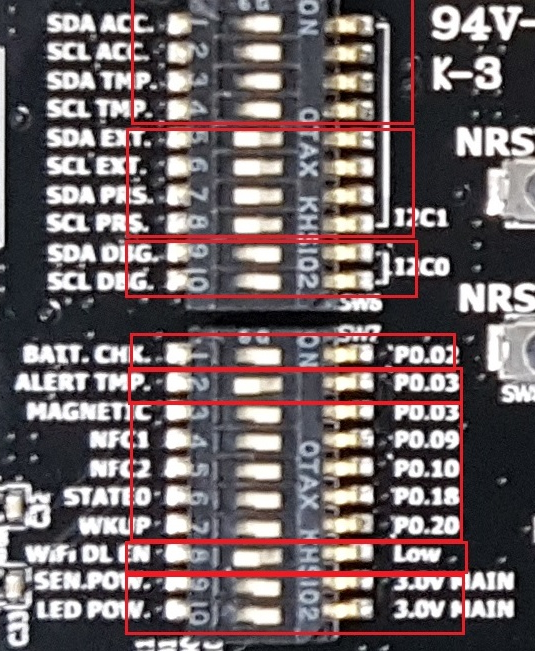
LEDTEST\_CMD=<SC>0884**000000**

-> 000000 (RF Test Parameter, If it is 0, do not check.) wifi, ble, gps (sigfox is CW mode)

eg.) <SC>0884C4C45A : wifi C4 -60dbm, ble C4 -60dbm, gps 90sec

2. Test Guide

check jumper setting and power setting. \*EVB Only





Test procedure

1) connect target device with J-Link

2) click START

3) Physics Test

- test input device (key, NFC, Magnetic ...)

4) LED check and Check current consumption

5) If there is a NRST (reset) key, press it. (EVB, M2)

6) close cmd window (M2 Only)