

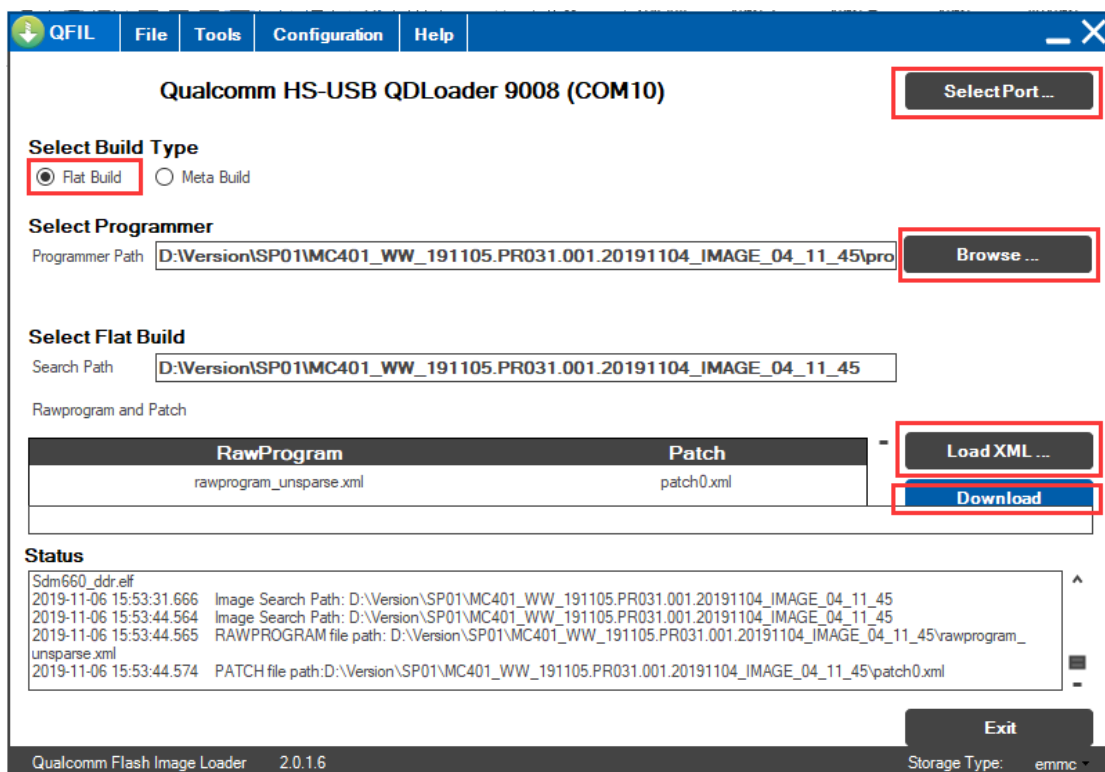
QFIL upgrade instruction

1. QFIL Configuration 下载工具配置

- 打开 QPST --> 选择 QFIL application
- Configuration --> FireHose configuration, 在 Device Type 选择 “ufs”.
- “Erase All before Download”不要选择, 如果选择则擦掉参数.

The screenshot shows the QFIL Configuration interface. At the top, the 'Configuration' menu is selected, and the 'FireHose Configuration' sub-menu is visible. Below this, the 'Download Configuration' dialog box is open. The 'FireHose programmer Setting' section includes 'Download Protocol' set to '0 - Sahara' and checkboxes for 'Reset State Machine' and 'Read Serial Number'. The 'FireHose Common Setting' section includes 'Max Payload Size to Target In Byte' set to '49152', 'Device Type' set to 'ufs' (highlighted with a red box), and checkboxes for 'Provision', 'Always Validate', 'Skip Write', and 'Use Verbose'. The 'Validation Mode' is set to '0 - No Validation', and 'Reset After Download' is checked. The 'Backup Restore Setting' section includes checkboxes for 'Auto Backup Restore QCN', 'Enable Multi-SIM QCN (QCN only)', and 'Auto Preserve Partitions'. The 'SPC Code' is set to '000000'. The 'Preserve Mode' is set to '0 - Backup Restore Partitions With' and the 'Preserved List' is set to '0 - Manual Selection'. At the bottom, the 'OK' button is highlighted with a red box, and the 'Cancel' button is also visible.

- Device enter to download mode 进入下载模式



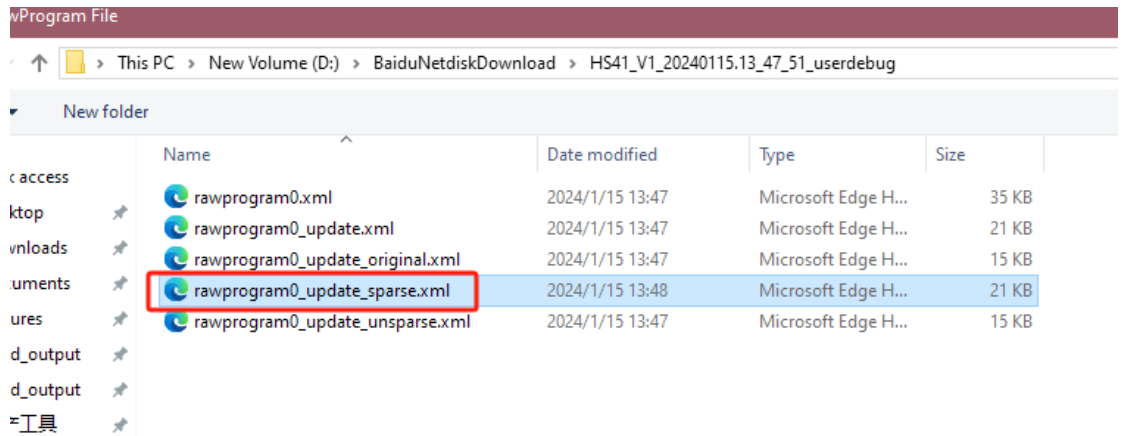
e) QFIL option configuration as follow 按如下要求配置

1. 点击 Select Port：选择 9008 端口（通过 adb reboot edl 命令进入下载 9008 模式）
2. 选择 Type: Flat Build
3. 通过 Browser 选择 “prog_emmc_ufs_firehose_Sdm660_ddr.elf”（路径不能用有空格）
4. 选择 Load XML(鸿石和广和通一次只能选择一个)

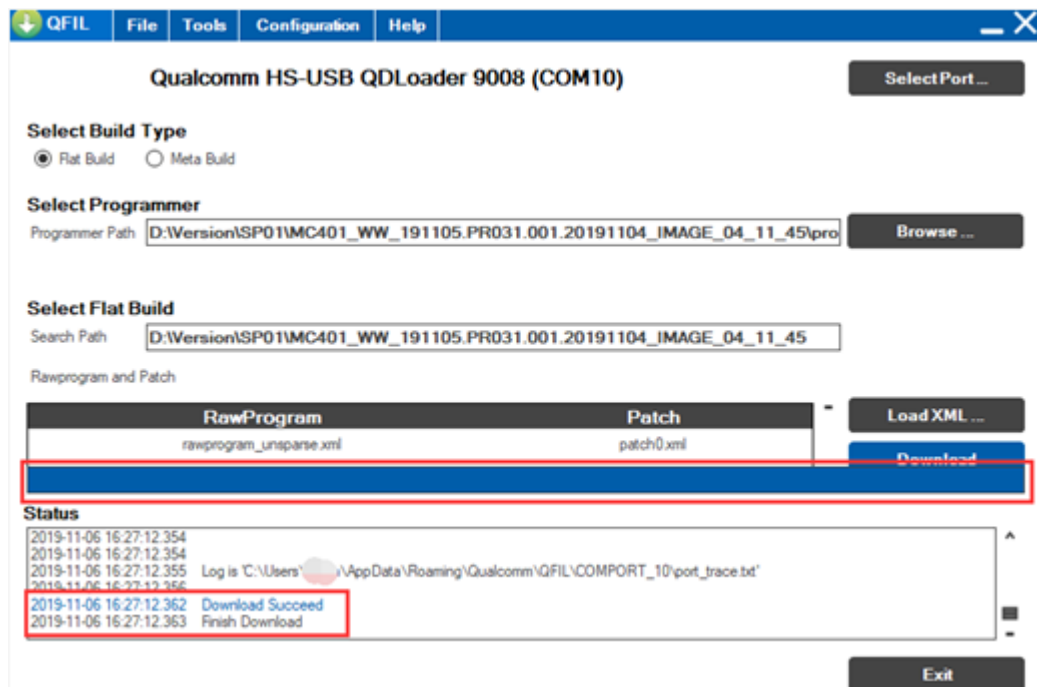
4.1 广和通的 XML 选择：（广和通的有且仅需要升级一次）

名称	修改日期	类型
rawprogram0.xml	2024/01/15 1:47	XML 文
rawprogram0_update.xml	2024/01/15 1:47	XML 文
rawprogram0_update_original.xml	2024/01/15 1:47	XML 文
rawprogram0_update_sparse.xml	2024/01/15 1:48	XML 文
rawprogram0_update_unsparse.xml	2024/01/15 1:47	XML 文

鸿石的 XML 选择，接下来的选择默认即可



- f) 所有的配置完成后，点击 Download
- g) 自动开始下载，提示 Download Success 后下载成功



注意事项:

1. 升级过程中请不要移动设备，以防数据端口
2. 升级失败后不要反复点击 Download，应该重新断开所有电，然后重新通过 adb reboot edl 进入下载模式，然后再次升级
或者通过按键进入下载模式（关机状态按住如下图中标记红色的按钮，然后开会进入下载模式）

