XRADIO PhoenixMC User Guide

Revision 1.2

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Revision History

Version	Date	Summary of Changes
1.0	2019-9-11	Initial Version
1.1	2019-10-11	Fix file name
1.2	2019-10-11	Fix format

表 1-1 **Revision History**

Contents

Figures

1 phoenixMC 介绍

phoenixMC 是 XRadio 芯片在 windows 环境下的刷机工具，包含有 flash 调试功能。

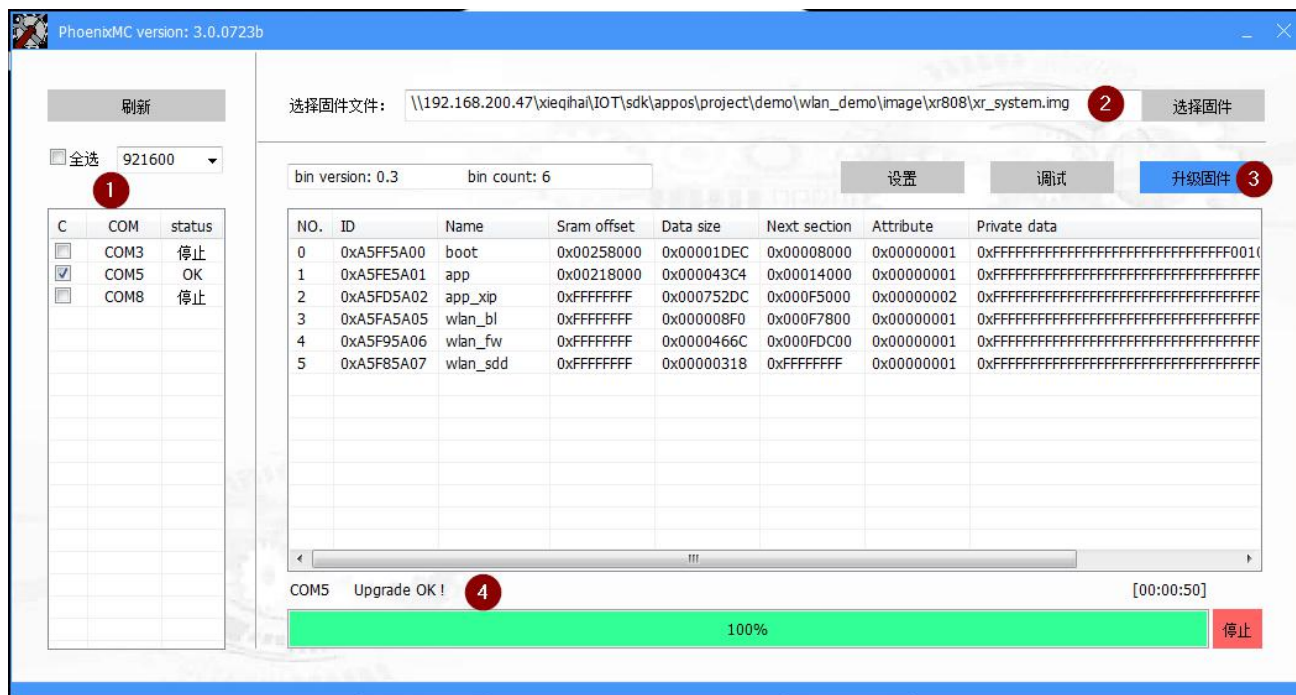## 1.1 烧写工具主界面

烧写工具主界面如图 1-1 所示。

图 1-1 烧写工具主界面

1.2 串口设置

列表框中显示可用的串口，勾选需要烧写的串口进行固件升级。当串口号改变时，点击**刷新**按钮进行串口列表的刷新。上方的下拉框是选择串口波特率，芯片仅支持以下波特率：

　　9600,115200,921600,1000000,1500000, 3000000。

1.3 选择固件

点击"选择固件"按钮会弹出对话框选择*.img 文件，选定后路径会显示在后面的编辑框中，并且在下方的信息框中会显示该 img 文件的信息。

1.4 通用设置：

图 1-2 通用设置界面

1.4.1 烧写 ETF 固件

如果有需要烧写 ETF 固件，勾选此项，同时会弹出对话框给用户选择所需的 ETF 固件；

1.4.2 写入后进行校验

勾选此项，则烧写 flash 时，会将数据读回来进行校验，由于通信协议自带校验，所以不勾选此项也可以；

1.4.3 只更新修改的文件

勾选此项后，会先读取 flash 上 block 的数据，如果与要烧写的数据相同，则不进行此 block 更新；

1.5 升级固件

点击此按钮会进行固件升级。

1.6 进度条和状态提示

这里的进度条仅显示当前串口烧写的进度，在状态提示栏会提示当前的操作步骤。烧写成功时，进度条会显示绿色，失败时显示红色，正在烧写时显示蓝色。

1.7 停止

点击此按钮可停止当前对 flash 的烧写。

2 使用步骤

1.勾选你所需要烧写的串口号和波特率；

2.点击"选择固件"选中需要升级的*.img 文件，可以看到左侧编辑框会显示文件路径，下方的大编辑框显示 img 文件内部解析的信息；

3.根据需要，选择 ETF 固件以及校验配置；

4.点击"升级固件"，进行升级操作；

5.如果需要，手动点击停止操作；

6.update OK 或者出错。