```c
#ifndef UP24_FILE_H__
#define UP24_FILE_H__
#include "string.h"
#include "stdbool.h"
#include "stdint.h"

#include "rfid.h"
#include "stdbool.h"
#include "nrf_delay.h"
#include "nrf_nvmc.h"
#include "utility.h"
#include "power.h"

#define UPFILE_START_24          0x40
#define UPFILE_DATA_24           0x41
#define UPFILE_END_24            0x43
#define UPFILE_CHECKSUM_24        0x42

#define READ_MAC_24              0x44


/*96k +68k app    +69k bvk    + 1k upara + 15k(empty) +4k device manage +4k boot*/

#define APP_BVK_ADDR 0x29000//((96+68)*1024)
#define APP_BVK_SIZE 0x11000//(68*1024)


#define BOOT_PARA_ADDR    (APP_BVK_ADDR+APP_BVK_SIZE)
#define BOOT_PARA_SIZE    0x00000400


#define BOOT_ADDR (252*1024)
#define BOOT_SIZE     0x1000




/*
2.4g 更新程序
*/


void TaskUpFile(void);
```

```c
void IntoTestMode(void);

#endif
```