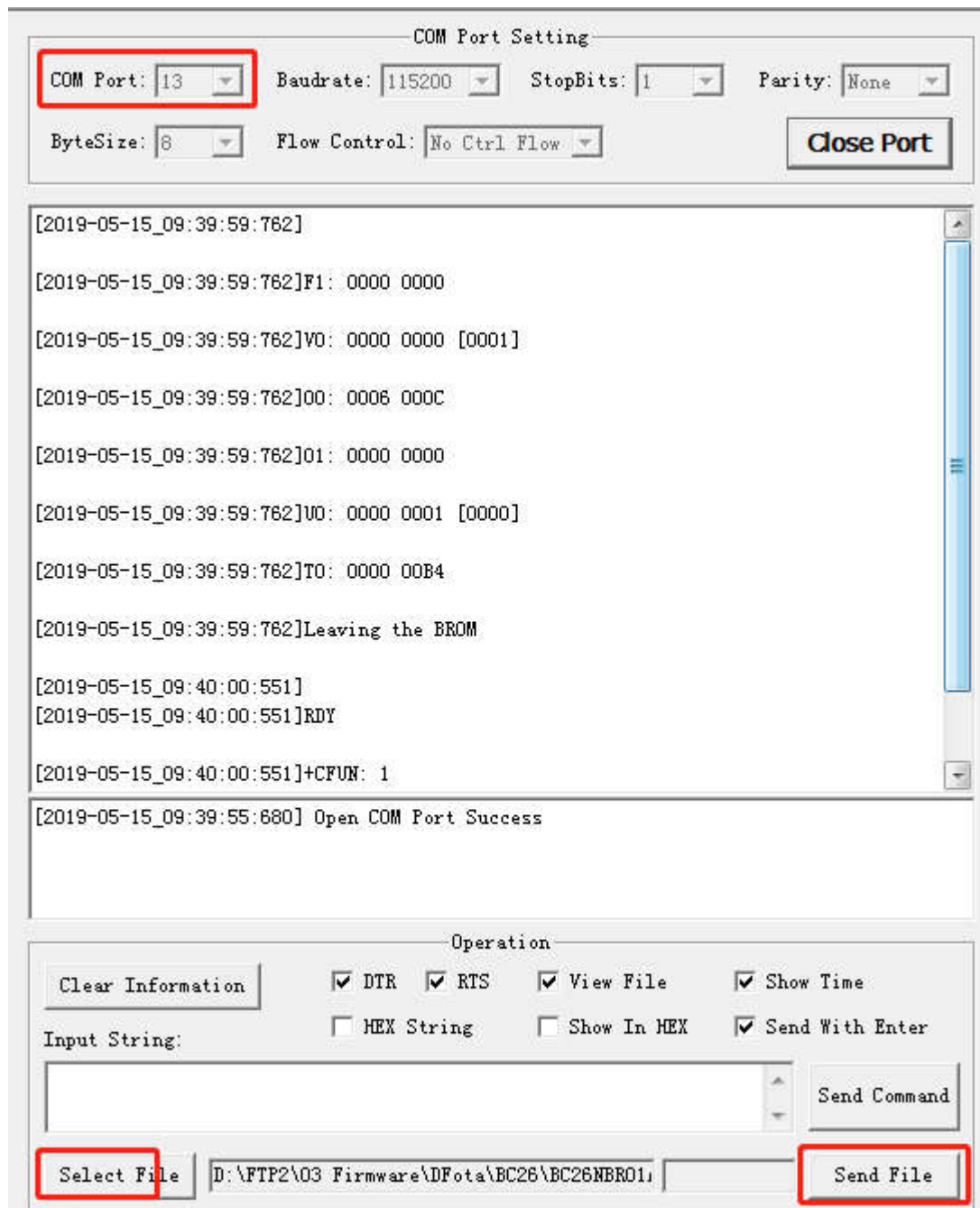# BC26 串口差分升级方法

1、准备差分包；

2、COM Port 选择 CHA，Select File 选中差分包；

3、AT+IPR 固定波特率，AT+QFLASHW=184650 //上传差分文件，184650 为差分包 size，点击 Send File 上传差分文件

4、AT+QFOTADL=1   //触发升级，+QIND: "FOTA","START" //开始升级

```
1049   [2019-05-15_09:22:59:677]q机#眚季▨U▨▨9傺??绷F▨B        zD▨M▨-?柏j皋@腄衦▨
1050
1051   [2019-05-15_09:22:59:719]▨▨=齁▨昂埒▨?鑫x?
1052
1053   [2019-05-15_09:22:59:812]+QFLASHW: 184650
1054
1055   [2019-05-15_09:22:59:821]
1056
1057   [2019-05-15_09:22:59:821]OK
1058
1059   [2019-05-15_09:23:08:442]AT+QFOTADL=1
1060
1061
1062   [2019-05-15_09:23:08:457]OK
1063
1064   [2019-05-15_09:23:08:464]
1065
1066   [2019-05-15_09:23:08:464]+QIND: "FOTA","START"
1067
1068   [2019-05-15_09:23:10:761]
1069
1070   [2019-05-15_09:23:10:761]F1: 0000 0000
1071
1072   [2019-05-15_09:23:10:761]V0: 0000 0000 [0001]
1073
1074   [2019-05-15_09:23:10:761]00: 0006 000C
1075
1076   [2019-05-15_09:23:10:761]01: 0000 0000
1077
1078   [2019-05-15_09:23:10:761]U0: 0000 0001 [0000]
1079
1080   [2019-05-15_09:23:10:761]T0: 0000 00B4
1081
1082   [2019-05-15_09:23:10:761]Leaving the BROM
1083
1084
1085   [2019-05-15_09:23:11:738]
```

5、升级过程中会上报进度信息，+QIND: "FOTA","UPDATING",20%,1,1   //升级中，进度20%

```
1067
1068    [2019-05-15_09:23:10:761]
1069
1070    [2019-05-15_09:23:10:761]F1: 0000 0000
1071
1072    [2019-05-15_09:23:10:761]V0: 0000 0000 [0001]
1073
1074    [2019-05-15_09:23:10:761]00: 0006 000C
1075
1076    [2019-05-15_09:23:10:761]01: 0000 0000
1077
1078    [2019-05-15_09:23:10:761]U0: 0000 0001 [0000]
1079
1080    [2019-05-15_09:23:10:761]T0: 0000 00B4
1081
1082    [2019-05-15_09:23:10:761]Leaving the BROM
1083
1084
1085    [2019-05-15_09:23:11:738]
1086
1087
1088    [2019-05-15_09:23:11:738]+QIND: "FOTA","UPDATING" 20%,1,1
1089
1090    [2019-05-15_09:23:12:067]
1091
1092    [2019-05-15_09:23:12:067]+QIND: "FOTA","UPDATING" 21%,1,1
1093
1094    [2019-05-15_09:23:16:758]
1095
1096    [2019-05-15_09:23:16:758]+QIND: "FOTA","UPDATING" 22%,1,1
1097
1098
1099
1100    [2019-05-15_09:23:16:758]+QIND: "FOTA","UPDATING" 24%,1,1
1101
1102    [2019-05-15_09:23:17:053]
```

6、升级完成，模组会自动重启，并上报升级结束；

```
1315
1316    [2019-05-15_09:24:45:654]+QIND: "FOTA","UPDATING",100%,1,1
1317
1318    [2019-05-15_09:24:46:080]
1319
1320    [2019-05-15_09:24:46:080]F1: 0000 0000
1321
1322    [2019-05-15_09:24:46:080]V0: 0000 0000 [0001]
1323
1324    [2019-05-15_09:24:46:080]00: 0006 000C
1325
1326    [2019-05-15_09:24:46:080]01: 0000 0000
1327
1328    [2019-05-15_09:24:46:080]U0: 0000 0001 [0000]
1329
1330    [2019-05-15_09:24:46:080]T0: 0000 00B4
1331
1332    [2019-05-15_09:24:46:080]Leaving the BROM
1333
1334
1335    [2019-05-15_09:24:47:137]
1336
1337
1338    [2019-05-15_09:24:47:137]RDY
1339
1340
1341
1342    [2019-05-15_09:24:47:137]+CFUN: 1
1343
1344    [2019-05-15_09:24:47:508]
1345
1346    [2019-05-15_09:24:47:508]+QIND: "FOTA","END",0
1347
1348    [2019-05-15_09:24:48:334]
1349
1350    [2019-05-15_09:24:48:334]+CPIN: READY
```