

|                                                                                                                                                                                                                                                                                  |               |                   |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|------------|
| Status:                                                                                                                                                                                                                                                                          | CLOSED        | Start date:       | 2023-05-11 |
| Priority:                                                                                                                                                                                                                                                                        | Normal        | Due date:         | 2023-05-16 |
| Assignee:                                                                                                                                                                                                                                                                        | CDTS_Test 吴诗雨 | % Done:           | 0%         |
| Category:                                                                                                                                                                                                                                                                        | BSP           | Estimated time:   | 0.00 hour  |
| Target version:                                                                                                                                                                                                                                                                  |               |                   |            |
| Need_Info:                                                                                                                                                                                                                                                                       | --            | Found Version:    | 无          |
| Resolution:                                                                                                                                                                                                                                                                      | DUPLICATE     | Degrated:         | --         |
| Severity:                                                                                                                                                                                                                                                                        | Normal        | Verified Version: |            |
| Reproducibility:                                                                                                                                                                                                                                                                 | Every time    | Fixed Version:    |            |
| Test Type:                                                                                                                                                                                                                                                                       | ST            | Root cause:       |            |
| Description                                                                                                                                                                                                                                                                      |               |                   |            |
| <p>环境信息】莱西工厂，实车测试</p> <p>【问题出现时间】：20230510 17:03</p> <p>【前提条件】：车机上电</p> <p>【操作步骤】</p> <p>1.三屏（中控，仪表，副屏）点亮，长按方控</p> <p>【实际结果】</p> <p>1.中控，和仪表重启，副屏没有重启</p> <p>【期望结果】</p> <p>1.副屏可以通过长按方控进行重启</p> <p>【备注】：</p> <p>云端log根据实车VIN：LJD8BB3F6P0000392</p> <p>【影响版本】：</p> <p>【硬件版本号】</p> |               |                   |            |

|                                                         |
|---------------------------------------------------------|
| History                                                 |
| #1 - 2023-05-12 10:54 - CD TPM-王祥林                      |
| - Category changed from CD-FW to BSP                    |
| - Assignee changed from CD TPM-王祥林 to BSP组-RD3_TSCD 贾顺旺 |
| 最新的MCU 0.1.6版本已经临时禁用了CAN。请在正式方案入库后，把提交链接贴到票让测试进行验证。     |
| #2 - 2023-05-15 17:39 - BSP组-RD3_TSCD 贾顺旺               |
| 使用can盒结合代码调试，can重启信令可接收。MPU重启串口信令未发送。更改相关标志位使串口发送命令生效。  |
| #3 - 2023-05-15 19:04 - CDTS-TEST 周婷                    |
| - Due date set to 2023-05-16                            |

明天解决入库

#4 - 2023-05-16 11:24 - BSP组-RD3\_TSCD 贾顺旺

修改完成：  
VB\_MCU 验证版本：[http://jenkins.thundercomm.com/view/Figure/job/VB\\_MCU/199/](http://jenkins.thundercomm.com/view/Figure/job/VB_MCU/199/)

#5 - 2023-05-16 11:41 - BSP组-RD3\_TSCD 贾顺旺  
- Assignee changed from BSP组-RD3\_TSCD 贾顺旺 to 移动测试一组\_CDTS 刘强

#6 - 2023-05-16 16:48 - IoT scm  
Gerrit Merge Information：

| ID                                                                                                                                                                                 | Project        | Branch                                    | Uploader                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------|------------------------------|
| 200062                                                                                                                                                                             | Pre_figure/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | shunwang.jia@thundersoft.com |
| BSP:MCU: reboot MPU with CANenable reboot MPU uart message send;Bin version: V0.1.8TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I5a563f9d732c9e8f8f6caed4b4f6c2c6d0102e4 |                |                                           |                              |

#7 - 2023-05-16 23:31 - IoT scm  
Gerrit Merge Information：

| ID                                                                                                                                                                                  | Project               | Branch                                    | Uploader            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|---------------------|
| 200540                                                                                                                                                                              | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | scm@thundersoft.com |
| BSP:MCU: reboot MPU with CANenable reboot MPU uart message send;Bin version: V0.1.8TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I340d945e8c85a5272db795439dd540ef63dda5c5 |                       |                                           |                     |

#8 - 2023-05-17 17:31 - BSP组-RD3\_TSCD 贾顺旺  
- File FigureV0.1.7-forCanRebootMpu-202305171800.zip added

修正：多次发送重启命令时会重启两次的现象。请用：FigureV0.1.7-forCanRebootMpu-202305171800.zip测试。

#9 - 2023-05-18 10:11 - CD BSP-杜磊  
- Status changed from New to NEED\_INFO

#10 - 2023-05-19 14:00 - 移动测试一组\_CDTS 刘强  
- Assignee changed from 移动测试一组\_CDTS 刘强 to BSP组-RD3\_TSCD 贾顺旺

修正：多次发送重启命令时会重启两次的现象。请用：FigureV0.1.7-forCanRebootMpu-202305171800.zip测试。

通过烧写mot后执行以下测试：

- 1. 通can命令反复发送重启命令，持续一小时，10ms一次，正常运行
- 2. 10ms一次发送干扰can信号，然后手动发送can信号重启，测试20次 正常运行
- 3. 10ms一次发送干扰can信号，然后手动连续发送多次重启信号，在重启成功之前不再接受新的重启信号，重新成功之后，再次发送can信号成功

#11 - 2023-05-22 10:49 - IoT scm

Gerrit Merge Information：

| ID                                                                                                                                                                                                                                                                                      | Project        | Branch                                    | Uploader                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------|------------------------------|
| 200837                                                                                                                                                                                                                                                                                  | Pre_figure/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | shunwang.jia@thundersoft.com |
| BSP:MCU: reboot MPU with CAN - filter can signal1)Do not detect CAN reboot messages before MPU completed startup;2)add can reboot log print and mcu update log printBin version: V0.1.9TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: If1b0f9ca7d2e0996280853350590242eb40af6a7 |                |                                           |                              |

#12 - 2023-05-22 23:31 - IoT scm

Gerrit Merge Information：

| ID                                                                                                                                                                                                                                                                                      | Project               | Branch                                    | Uploader            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|---------------------|
| 201835                                                                                                                                                                                                                                                                                  | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | scm@thundersoft.com |
| BSP:MCU: reboot MPU with CAN - filter can signal1)Do not detect CAN reboot messages before MPU completed startup;2)add can reboot log print and mcu update log printBin version: V0.1.9TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I6ba9eb8b0ef78d66cb1dfc458a18e98237432236 |                       |                                           |                     |

#13 - 2023-05-23 15:47 - BSP组-RD3\_TSCD 贾顺旺

- Status changed from NEED\_INFO to RESOLVED
- Assignee changed from BSP组-RD3\_TSCD 贾顺旺 to 移动测试一组\_CDTS 刘强

#14 - 2023-05-25 16:56 - 移动测试一组\_CDTS 刘强

锦江实车测试未通过，怀疑可能是can信号传输有问题，等锦江实车修理后，再次验证

#15 - 2023-06-03 17:18 - CDTS\_TEST 王成

- Status changed from RESOLVED to ASSIGNED
- Assignee changed from 移动测试一组\_CDTS 刘强 to CD TPM-王祥林

客户实车验证，确认方控重启功能无效，实车上按方控重启之后，中控和仪表重启，副屏无反应

#16 - 2023-06-03 17:20 - CDTs\_TEST 王成

[ftp://cdiot@192.168.87.46/Pre\\_figure/Test\\_Log/117884/tlog\\_iiov0201017500006162025411a2212290000002731\\_000792\\_0603170027.tar.gz](ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/117884/tlog_iiov0201017500006162025411a2212290000002731_000792_0603170027.tar.gz) 客户提供的日志

#17 - 2023-06-03 23:47 - CD TPM-王祥林

- Assignee changed from CD TPM-王祥林 to BSP组-RD3\_CDTs 陈宙贤

宙闲

看看我们mcu的代码里有没有在接收到can信号的时候加日志，如果有加日志是否有发送给mpu记录。

如果都有的话：

- 1.看看问题出现的时间段，是否有打印相关log。
- 2.如果没有log可能需要确认我们解析的can重启命令是否和整车发的一样。

#18 - 2023-06-05 15:39 - CDTs\_TEST 王成

- Subject changed from 【IOVDEV-27117】 【内部】 【VC1】 【0072】 【台架】 【EE环境】 【副屏】 长按方控，副屏没有重启 to 【IOVDEV-27117】 【IOVISSUE-8700】 【内部】 【VC1】 【0072】 【台架】 【EE环境】 【副屏】 长按方控，副屏没有重启

#19 - 2023-06-05 20:11 - BSP组-RD3\_CDTs 陈宙贤

- File can\_test.png added

按照这个文档的说明，我们当前的代码目前看是正确的。<https://thundersoft.feishu.cn/file/boxcnNXZfsBSCFiXIP6HMaoOCde>  
当前使用CAN盒子模拟方控信号如附件所示。

#20 - 2023-06-05 20:13 - BSP组-RD3\_CDTs 陈宙贤

已提让客户帮助抓log，看客户实车上发的命令格式与我们解析的命令格式是否一致。

#21 - 2023-06-09 10:29 - CDTs\_TEST 王成

- File 方控重启需求客户需要再次评审-2023.6.9.png added

方控重启功能客户需要重新评审

#22 - 2023-06-12 11:31 - CD TPM-王祥林

- Status changed from ASSIGNED to RESOLVED
- Assignee changed from BSP组-RD3\_CDTs 陈宙贤 to CDTs\_Test 吴诗雨
- Resolution changed from -- to DUPLICATE

在JIRA上跟踪，内部关闭此票。

#23 - 2023-06-25 15:38 - CDTS\_Test 吴诗雨  
- Status changed from RESOLVED to VERIFIED

#24 - 2023-06-25 15:39 - CDTS\_Test 吴诗雨  
- Status changed from VERIFIED to CLOSED

#25 - 2023-07-21 22:01 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                                                                                                                                | Project        | Branch                                    | Uploader                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------|------------------------------|
| 214835                                                                                                                                                                                                                                                                            | Pre_figure/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | shunwang.jia@thundersoft.com |
| BSP:MCU: Change CAN restart message protocol1)Change CAN restart message protocol2)add can message print3)add time out check4)add can message recvcnt and timeBin version: V0.2.1TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I51a2a4cb6bcb4dec1cd3e4f2038d0a9d552ff086 |                |                                           |                              |

#26 - 2023-07-21 22:10 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                                                                                                                                | Project               | Branch                                             | Uploader                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------|----------------------------|
| 216893                                                                                                                                                                                                                                                                            | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp | wangxl0510@thundersoft.com |
| BSP:MCU: Change CAN restart message protocol1)Change CAN restart message protocol2)add can message print3)add time out check4)add can message recvcnt and timeBin version: V0.2.1TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I46e4c2341d01275f60ffe8db29fb059005dfbb83 |                       |                                                    |                            |

#27 - 2023-07-21 23:30 - IoT scm

Gerrit Merge Information :

| ID     | Project               | Branch                                    | Uploader            |
|--------|-----------------------|-------------------------------------------|---------------------|
| 216907 | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | scm@thundersoft.com |
|        |                       |                                           |                     |

BSP:MCU: Change CAN restart message protocol1)Change CAN restart message protocol2)add can message print3)add time out check4)add can message recv  
cnt and timeBin version: V0.2.1TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I36a8a7d7516839717a52aebc4e123e0744338220

#28 - 2023-08-16 19:35 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                             | Project        | Branch                                    | Uploader                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------|------------------------------|
| 303675                                                                                                                                                                         | Pre_figure/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | shunwang.jia@thundersoft.com |
| BSP:MCU: Disable can message printdisable can message printBin version: V0.2.2TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I963d787c2778ad1d698cd39458bd7fadc100cd0c |                |                                           |                              |

#29 - 2023-08-16 23:30 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                             | Project               | Branch                                    | Uploader            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|---------------------|
| 303851                                                                                                                                                                         | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | scm@thundersoft.com |
| BSP:MCU: Disable can message printdisable can message printBin version: V0.2.2TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I67c16c9cb01b378e31fbf8d5d395da600b942576 |                       |                                           |                     |

#30 - 2023-08-25 14:34 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                             | Project               | Branch                                             | Uploader                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------|----------------------------|
| 303800                                                                                                                                                                         | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp | wangxl0510@thundersoft.com |
| BSP:MCU: Disable can message printdisable can message printBin version: V0.2.2TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I333e1a4b10c7105c683f2fc9f3b5044db86d615d |                       |                                                    |                            |

#31 - 2023-08-28 18:24 - IoT scm

Gerrit Merge Information :

| ID     | Project               | Branch                                                 | Uploader                   |
|--------|-----------------------|--------------------------------------------------------|----------------------------|
| 307161 | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp_mce | wangxl0510@thundersoft.com |
|        |                       |                                                        |                            |

BSP:MCU: Disable can rebootdisable can rebootBin version: V0.2.0TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I187dfad9d3baf37f34668d886157c3057c513775

#32 - 2023-09-27 10:15 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                       | Project               | Branch                                    | Uploader                   |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|----------------------------|
| 315999                                                                                                                   | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | wangxl0510@thundersoft.com |
| BSP:MCU:Backup mot file.TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I670dc3984b7c47e4241035c6c1fab96cb32723f2 |                       |                                           |                            |

#33 - 2023-11-14 15:13 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                       | Project               | Branch                                    | Uploader                   |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|----------------------------|
| 328110                                                                                                                   | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | wangxl0510@thundersoft.com |
| BSP:MCU:Backup mot file.TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I48064ee4f8651c4c939acccf5b591957b924e7ec |                       |                                           |                            |

#34 - 2023-11-14 15:32 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                                                                    | Project               | Branch                                        | Uploader                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|----------------------------|
| 328127                                                                                                                                                                                                                | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev_vx1 | wangxl0510@thundersoft.com |
| BSP:MCU: Delete CAN reboot function for vx1.Rollback mcu to v0.2.0 to avoid VX1 and MCEreboot without user operation.TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I8ebc8e64cd54b192f4b6c97e311b42ef9555198b |                       |                                               |                            |

#35 - 2024-01-04 16:31 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                            | Project               | Branch                                             | Uploader                   |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------|----------------------------|
| 342248                                                                                                                        | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp | wangxl0510@thundersoft.com |
| BSP:MCU: Modify power sequence for LAN-PHY and MAX96755Forward power on time (LAN-PHY and MAX96755)Bin version: V0.2.4TC-RID: |                       |                                                    |                            |

#36 - 2024-01-04 19:31 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                                                                     | Project        | Branch                                    | Uploader                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------|----------------------------|
| 341249                                                                                                                                                                                                                 | Pre_figure/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | wangxl0510@thundersoft.com |
| BSP:MCU: Modify power sequence for LAN-PHY and MAX96755Forward power on time (LAN-PHY and MAX96755)Bin version: V0.2.4TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: l28f98f7b63d4829b48c08a1f7abe65de85bc2d58 |                |                                           |                            |

#37 - 2024-01-04 23:46 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                                                                     | Project               | Branch                                    | Uploader            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|---------------------|
| 342384                                                                                                                                                                                                                 | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | scm@thundersoft.com |
| BSP:MCU: Modify power sequence for LAN-PHY and MAX96755Forward power on time (LAN-PHY and MAX96755)Bin version: V0.2.4TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: lc44600d685100f160280a8bbf677c471d713ef35 |                       |                                           |                     |

#38 - 2024-02-01 18:36 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                                                                              | Project        | Branch                                    | Uploader                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------|----------------------------|
| 350211                                                                                                                                                                                                                          | Pre_figure/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | wangxl0510@thundersoft.com |
| BSP:MCU:Do not stop power supply if waiting GPIO time out.Remove stop power supply logic when GPIO time out.Bin version: V0.2.5TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: l3e9088d654caceb9d54b4a2a0c08db6a885b885e |                |                                           |                            |

#39 - 2024-02-01 23:46 - IoT scm

Gerrit Merge Information :

| ID     | Project               | Branch                                    | Uploader            |
|--------|-----------------------|-------------------------------------------|---------------------|
| 350287 | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | scm@thundersoft.com |
|        |                       |                                           |                     |

BSP:MCU:Do not stop power supply if waiting GPIO time out.Remove stop power supply logic when GPIO time out.Bin version: V0.2.5TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: Ic804945c72e56e48ce5f4ade4380f1357cae4f76

#40 - 2024-02-27 14:39 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                                                                                         | Project               | Branch                                        | Uploader                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|----------------------------|
| 354555                                                                                                                                                                                                                                     | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev_vx1 | wangxl0510@thundersoft.com |
| <div>BSP:MCU:Do not stop power supply if waiting GPIO time out.Remove stop power supply logic when GPIO time out.Bin version: V0.2.5TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I3dcce57d1fa800e0f551e513af475e902679aabd</div> |                       |                                               |                            |

#41 - 2024-02-27 14:40 - IoT scm

Gerrit Merge Information :

| ID                                                                                                                                                                                                                                                                                                             | Project               | Branch                                                 | Uploader                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------|----------------------------|
| 354230                                                                                                                                                                                                                                                                                                         | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp_vx1 | wangxl0510@thundersoft.com |
| <div>BSP:MCU:Do not stop power supply if waiting GPIO time out.Remove stop power supply logic when GPIO time out.Bin version: V0.2.5TC-RID: 1201-0102704IssueID: TS-R-BUG-117884Change-Id: I3dcce57d1fa800e0f551e513af475e902679aabd(cherry picked from commit 01a0d587f4d29160e9ef4baf59bc99cf5545fe47)</div> |                       |                                                        |                            |

Files

|                                               |         |            |                   |
|-----------------------------------------------|---------|------------|-------------------|
| 方控重启副屏.png                                    | 252 KB  | 2023-05-11 | CDTS_Test 吴诗雨     |
| FigureV0.1.7-forCanRebootMpu-202305171800.zip | 83.8 KB | 2023-05-17 | BSP组-RD3_TSCD 费顺旺 |
| can_test.png                                  | 38 KB   | 2023-06-05 | BSP组-RD3_CDTS 陈宙贤 |
| 方控重启需求客户需要再次评审-2023.6.9.png                   | 29.7 KB | 2023-06-09 | CDTS_TEST 王成      |