

Figure - Bug #111703

测试 Test-IT # 110867 (New): V1.0测试功能汇总

测试 Test-IT # 110868 (New): BSP-BVT测试-上/下电测试

【BSP】【EVT】【power】【概率：1/30】插拔DC电源30次，出现一次设备进入900E

2022-09-02 17:18 - SZTS\_TEST 邹涛

|                  |               |                   |                                                         |
|------------------|---------------|-------------------|---------------------------------------------------------|
| Status:          | CLOSED        | Start date:       | 2022-09-02                                              |
| Priority:        | High          | Due date:         |                                                         |
| Assignee:        | SZTS_TEST 邹涛  | % Done:           | 100%                                                    |
| Category:        | SYSTEM        | Estimated time:   | 0.00 hour                                               |
| Target version:  |               |                   |                                                         |
| Need_Info:       | --            | Found Version:    | 0825 DB                                                 |
| Resolution:      | DUPLICATE     | Degrated:         | --                                                      |
| Severity:        | Critical      | Verified Version: | cdiot /Pre_figure/VerifyBuild/Pre_figure_turbobox-c2130 |
| Reproducibility: | Rarely        | Fixed Version:    |                                                         |
| Test Type:       | Bring Up Test | Root cause:       |                                                         |

|                                     |
|-------------------------------------|
| Description                         |
| 前置条件：<br>1、 DUT各模块功能正常且处于开机状态       |
| 操作步骤：<br>1、 插拔DC上下电，查看板子和屏幕开关机是否有异常 |
| 实际结果：<br>1、 插拔DC30次出现一次板子进900E      |
| 预期结果<br>1、 插拔DC上下电，板子和屏幕开关机一切正常     |

|                                                                                          |
|------------------------------------------------------------------------------------------|
| Related issues:                                                                          |
| Related to Figure - Bug # 111349: 【BSP】【EVT】【power】【低概率】执... <div>CLOSED2022-09-15</div> |

History

#1 - 2022-09-02 17:20 - SZTS\_TEST 邹涛

<https://thundersoft.feishu.cn/file/boxcncIrgOGtAvTmUIMY0oLRzegd>

dump文件

#2 - 2022-09-02 17:28 - SZTS\_TEST 邹涛

- Found Version changed from 0.0.0.20220902\_alpha\_private\_userdebug to 0825 DB

#3 - 2022-09-05 22:43 - CD SYSTEM-赵正军

- % Done changed from 0 to 40

出错日志同bug111349,一起分析

#4 - 2022-09-06 15:28 - CD SYSTEM-赵正军

- File SaveWindows2022\_9\_2\_18-24-14.TXT added

- Resolution changed from -- to DUPLICATE

#5 - 2022-09-08 15:10 - CD SYSTEM-赵正军

- Status changed from New to RESOLVED

- Assignee changed from CD SYSTEM- 赵正军 to SZTS\_TEST 邹涛

- Verified Version set to cdiot /Pre\_figure/VerifyBuild/Pre\_figure\_turbox-c2130c-la1.1-qssi12-dev/20220907/202209072155-1168

目前可以确定的是drivers/gpu/drm/drm\_atomic.c drm\_atomic\_state\_alloc函数里面

结构体指针config和其成员funcs存在NULL的情况.目前通过如下修改来处理指针为NULL的情况

```
diff --git a/drivers/gpu/drm/drm_atomic.c b/drivers/gpu/drm/drm_atomic.c
index cb3cc5a2d2ef..07332b7fda41 100644
--- a/drivers/gpu/drm/drm_atomic.c
+++ b/drivers/gpu/drm/drm_atomic.c
@@ -112,6 +112,10 @@ struct drm_atomic_state *
drm_atomic_state_alloc(struct drm_device *dev)
{
    struct drm_mode_config *config = &dev->mode_config;
+   if (!config || !config->funcs) {
+       printk("drmtest %d %s\n", __LINE__, __func__);
+       return NULL;
+   }

    if (!config->funcs->atomic_state_alloc) {
        struct drm_atomic_state *state;
```

使用VB版本测试4个小时,循环重启两百多次,没有空指针报错,提交如下

<https://dev.thundercomm.com/gerrit/c/147583>

还请测试同事复测确认,谢谢

#6 - 2022-09-08 15:11 - CD SYSTEM-赵正军

- % Done changed from 40 to 100

#7 - 2022-09-14 11:33 - CD TPM-申艳艳

- Category set to SYSTEM

#8 - 2022-09-15 13:38 - CD SYSTEM-赵正军

BUG同bug#111349,更新以11349为准

#9 - 2022-09-24 19:34 - SZTS\_TEST 邹涛

0924号release版本插拔150次未复现,关闭该bug

#10 - 2022-09-24 19:35 - SZTS\_TEST 邹涛

- Status changed from RESOLVED to VERIFIED

#11 - 2022-09-24 19:36 - SZTS\_TEST 邹涛  
- Status changed from VERIFIED to CLOSED

Files

|                                  |        |            |               |
|----------------------------------|--------|------------|---------------|
| SaveWindows2022_9_2_18-24-14.TXT | 703 KB | 2022-09-06 | CD SYSTEM-赵正军 |
|----------------------------------|--------|------------|---------------|