

Status:	CLOSED	Start date:	2023-06-28
Priority:	Urgent	Due date:	
Assignee:	CD TEST-方永红	% Done:	0%
Category:	依赖客户及其供应商解决	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	113
Resolution:	--	Degrated:	--
Severity:	Critical	Verified Version:	
Reproducibility:	Rarely	Fixed Version:	
Test Type:	Monkey Test	Root cause:	
Description			
【测试步骤】			
1、设备monkey测试13H			
2、手动停止			
3、静置			
4、断电重启			
5、静置			
【测试结果】			
设备处于屏保页面，设备冻屏，滑动无响应			
getevent有事件，投屏可正常操作			

History
#1 - 2023-06-28 18:11 - CD TEST-方永红

ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/118919

#2 - 2023-06-28 19:56 - CD FW 曹覃刚

- Category changed from CD-FW to BSP

- Assignee changed from CD FW 曹覃刚 to CD BSP-余霄

■ 我的分析

触摸滑动屏幕没有任何反应，但是投屏软件上是可以正常操作的

adb shell getevent rti 有输出，但是输出与正常的输出有差异，有问题的输出没有BTN_TOUCH DOWN和UP的输出，猜测这个可能导致上报的事件有问题，因此无法正常处理

在复现问题的屏幕上，一次完整的滑动如下

```
[ 84501.415359] /dev/input/event2: EV_ABS ABS_MT_TRACKING_ID 0000014c
[ 84501.415359] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 00000726
[ 84501.415359] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 00000269
[ 84501.415359] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 0
[ 84501.542706] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 0000071c
[ 84501.542706] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 0000026d
[ 84501.542706] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 7
```

```
[ 84501.552999] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 00000719
[ 84501.552999] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 0000026e
[ 84501.552999] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 97
[ 84501.563030] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 00000717
[ 84501.563030] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 99
[ 84501.573019] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 00000715
[ 84501.573019] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 0000026f
[ 84501.573019] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 100
[ 84501.583039] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 00000713
[ 84501.583039] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 00000270
[ 84501.583039] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 99
[ 84501.593164] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 00000711
[ 84501.593164] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 98
[ 84501.603057] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 0000070f
[ 84501.603057] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 101
[ 84501.613256] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 0000070e
[ 84501.613256] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 98
[ 84501.623351] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 0000070d
[ 84501.623351] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 99
[ 84501.643733] /dev/input/event2: EV_ABS ABS_MT_TRACKING_ID ffffffff
[ 84501.643733] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 49
```

在正常的屏幕上

```
[ 6167.906569] /dev/input/event2: EV_ABS ABS_MT_TRACKING_ID 0000004f
[ 6167.906569] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 000006cc
[ 6167.906569] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 0000024d
[ 6167.906569] /dev/input/event2: EV_KEY BTN_TOUCH DOWN
[ 6167.906569] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 0
[ 6168.074794] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 000006c1
[ 6168.074794] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 00000252
[ 6168.074794] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 5
[ 6168.084233] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 000006be
[ 6168.084233] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 00000254
[ 6168.084233] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 105
[ 6168.093834] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 000006bb
[ 6168.093834] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 00000256
[ 6168.093834] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 104
[ 6168.104929] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 000006b8
[ 6168.104929] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 00000257
[ 6168.104929] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 90
[ 6168.113985] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 000006b5
[ 6168.113985] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 00000259
[ 6168.113985] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 110
[ 6168.124152] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 000006b2
[ 6168.124152] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 0000025a
[ 6168.124152] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 98
[ 6168.134163] /dev/input/event2: EV_ABS ABS_MT_POSITION_X 000006af
[ 6168.134163] /dev/input/event2: EV_ABS ABS_MT_POSITION_Y 0000025b
[ 6168.134163] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 99
[ 6168.170492] /dev/input/event2: EV_ABS ABS_MT_TRACKING_ID ffffffff
[ 6168.170492] /dev/input/event2: EV_KEY BTN_TOUCH UP
[ 6168.170492] /dev/input/event2: EV_SYN SYN_REPORT 00000000 rate 27
```

屏端也一直在报下面的错误

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000426_persist_04438_230628_174215.log:362:06-28 17:42:40.362 0 0 E [77658.280844] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:388:06-28 17:42:44.002 0 0 E [77661.920826] link_delay_work_func: DTC_ETH: Sqi=0, link=0
000426_persist_04438_230628_174215.log:392:06-28 17:42:44.618 0 0 E [77662.536857] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:414:06-28 17:42:48.874 0 0 E [77666.793349] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:415:06-28 17:42:49.122 0 0 E [77667.040345] link_delay_work_func: DTC_ETH: Sqi=0, link=0
000426_persist_04438_230628_174215.log:439:06-28 17:42:53.130 0 0 E [77671.048939] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:447:06-28 17:42:54.242 0 0 E [77672.160332] link_delay_work_func: DTC_ETH: Sqi=0, link=0
000426_persist_04438_230628_174215.log:464:06-28 17:42:57.386 0 0 E [77675.304911] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:474:06-28 17:42:59.362 0 0 E [77677.280354] link_delay_work_func: DTC_ETH: Sqi=0, link=0
000426_persist_04438_230628_174215.log:498:06-28 17:43:01.641 0 0 E [77679.560800] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:513:06-28 17:43:04.482 0 0 E [77682.400537] link_delay_work_func: DTC_ETH: Sqi=0, link=0
000426_persist_04438_230628_174215.log:518:06-28 17:43:05.898 0 0 E [77683.817119] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:544:06-28 17:43:09.602 0 0 E [77687.520355] link_delay_work_func: DTC_ETH: Sqi=0, link=0
000426_persist_04438_230628_174215.log:566:06-28 17:43:10.153 0 0 E [77688.073373] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:698:06-28 17:43:14.410 0 0 E [77692.328870] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:699:06-28 17:43:14.722 0 0 E [77692.640603] link_delay_work_func: DTC_ETH: Sqi=0, link=0
000426_persist_04438_230628_174215.log:761:06-28 17:43:18.666 0 0 E [77696.585140] [MAX975X: max96755x_vc1_lcd_dtc_check] ERROR DTC_Display: screen
not ready(0), bl_sta(1), lvi(29)
000426_persist_04438_230628_174215.log:766:06-28 17:43:19.842 0 0 E [77697.760327] link_delay_work_func: DTC_ETH: Sqi=0, link=0
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根据上述三点的分析，应该是屏端硬件问题，需要BSP的同学帮忙分析看看

■ 下一步计划

BSP的同学帮忙分析看看

#3 - 2023-06-29 15:56 - CD BSP-余霄

点击后，固件无按压事件上报，怀疑与固件上报数据缺失导致

#4 - 2023-07-12 10:36 - CD BSP-余霄

- Category changed from BSP to 依赖客户及其供应商解决
- Status changed from New to RESOLVED
- Assignee changed from CD BSP-余霄 to CD TEST-方永红

已于供应商同步状态，设备按压后无抬起事件。

主机端无法处理该问题，需更新固件解决，目前等待供应商RELEASE正式固件。

#5 - 2023-07-28 15:14 - CDTS_TEST 王成

- Status changed from RESOLVED to NEED_INFO

- Assignee changed from CD TEST-方永红 to CD BSP-余霄

请确认修改项及测试需要注意的地方

#6 - 2023-08-11 10:07 - CD BSP-余霄

- Status changed from NEED_INFO to RESOLVED

- Assignee changed from CD BSP-余霄 to CD TEST-方永红

目前新版本固件已合入，旧版本固件/TP问题请关闭，后续如果新固件还有问题，请提新BUG

#7 - 2023-08-24 17:10 - CDTS_TEST 王成

- Status changed from RESOLVED to VERIFIED

#8 - 2023-08-24 17:11 - CDTS_TEST 王成

- Status changed from VERIFIED to CLOSED