

2.0基站产品化测试 - 错误 #2004

15ppre1版本测多终端切换时其中1个基站出现phy挂死

2024-07-30 13:51 - 孙浩

状态:	已关闭	开始日期:	2024-07-30
优先级:	普通	计划完成日期:	
指派给:		% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
问题归属:	PHY	FPGA板卡类型:	115P+PRU
发现问题版本:	Rel_2.1.15P	CPU类型:	Xeon-gold5218(宝德)
目标解决问题版本:	Rel_2.1.15P		

描述

- 【环境信息】：核心网 (Rel_3.2.2) +bbu(宝德服务器、Rel_2.1.15P_Pre1版本)+pru(3.5G)+yzmm (YZMM2.0.10)
- 【参数配置】：大上行子帧配比
- 【问题描述】：在Rel_2.1.15P_Pre1版本上，测同频多终端xn切换时其中40基站出现phy挂死；
- 【问题频率】：偶现
- 【问题影响】：产品性能
- 【问题分析】：phy初步分析是译码数据回不来，译码数据处理完了，被阻塞了，还需要phy进一步分析解决；

```
1 40 x 2 40 x +
piped. Val(585568670)!
[ERROR] Previous UL list is not completed CellId[0] CurrSlot[13494] PreSlot[13486] SfIdx[134
94] Ctx[6] gMySfn[5890747]
ebbu_pool_event_chain_print_state: nSlotIdx[13486] nCellIdx[0]
TASK_NAME      Cell      0

EBBUPPOOL [INFO][ebbu_pool_consumer_remove_all_cores]:Destroy the consumer thread 1 in core 5
successfully!
EBBUPPOOL [INFO][ebbu_pool_consumer_remove_all_cores]:Destroy the consumer thread 2 in core 6
successfully!
EBBUPPOOL [INFO][ebbu_pool_consumer_remove_all_cores]:Destroy the consumer thread 3 in core 2
0 successfully!
EBBUPPOOL [INFO][ebbu_pool_consumer_remove_all_cores]:Destroy the consumer thread 4 in core 2
1 successfully!
EBBUPPOOL [INFO][ebbu_pool_consumer_remove_all_cores]:Destroy the consumer thread 5 in core 2
2 successfully!
EBBUPPOOL [INFO][ebbu_pool_consumer_remove_all_cores]:All consumer threads are destroyed!
EBBUPPOOL [INFO][ebbu_pool_maintenance]:Framework Maintenance thread is destroyed successfull
y!PRACH_Detect_Result: nSfIdx[14299] detected[1] Preamble[0] TA[2] StartSym[2] StartSlot[19]
FreqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14319] detected[1] Preamble[1] TA[3] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14339] detected[1] Preamble[2] TA[2] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14379] detected[1] Preamble[3] TA[2] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14419] detected[1] Preamble[3] TA[2] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14459] detected[1] Preamble[1] TA[2] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14499] detected[1] Preamble[1] TA[2] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14519] detected[1] Preamble[1] TA[3] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14539] detected[1] Preamble[3] TA[2] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14619] detected[1] Preamble[3] TA[3] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
PRACH_Detect_Result: nSfIdx[14719] detected[1] Preamble[2] TA[3] StartSym[2] StartSlot[19] F
reqIdx[0] ULCarrier[0] gPrach_Counter[0]
./run.sh: 行 198: 225901 段错误 (核心已转储) /root/yzmm/reL/GNB/phy/bin/llapp
table 0 1 --cfgfile=/root/yzmm/reL/GNB/phy/bin/phycfg-Xeon.xml
Cleanup after [PID] 225656
rm: 无法删除 '/mnt/huge': 是一个目录
root@yzrt:~/yzmm/reL/GNB/phy/bin#
```

```
#0 0x0000000004709fa in ebbu_pool_send_event ()
#1 0x000000000470a25 in ebbu_pool_send_event ()
#2 0x000000000470a25 in ebbu_pool_send_event ()
#3 0x000000000470a25 in ebbu_pool_send_event ()
#4 0x000000000470a25 in ebbu_pool_send_event ()
#5 0x000000000470a25 in ebbu_pool_send_event ()
#6 0x000000000470a25 in ebbu_pool_send_event ()
#7 0x000000000470a25 in ebbu_pool_send_event ()
#8 0x000000000470a25 in ebbu_pool_send_event ()
#9 0x000000000470a25 in ebbu_pool_send_event ()
#10 0x000000000470a25 in ebbu_pool_send_event ()
#11 0x000000000470a25 in ebbu_pool_send_event ()
#12 0x000000000470a25 in ebbu_pool_send_event ()
#13 0x000000000470a25 in ebbu_pool_send_event ()
#14 0x000000000470a25 in ebbu_pool_send_event ()
#15 0x000000000470a25 in ebbu_pool_send_event ()
#16 0x000000000470a25 in ebbu_pool_send_event ()
#17 0x000000000470a25 in ebbu_pool_send_event ()
#18 0x000000000470a25 in ebbu_pool_send_event ()
#19 0x000000000470a25 in ebbu_pool_send_event ()
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#29 0x000000000470a25 in ebbu_pool_send_event ()
#30 0x000000000470a25 in ebbu_pool_send_event ()
#31 0x000000000470a25 in ebbu_pool_send_event ()
#32 0x000000000470a25 in ebbu_pool_send_event ()
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#36 0x000000000470a25 in ebbu_pool_send_event ()
#37 0x000000000470a25 in ebbu_pool_send_event ()
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#40 0x000000000470a25 in ebbu_pool_send_event ()
#41 0x000000000470a25 in ebbu_pool_send_event ()
#42 0x000000000470a25 in ebbu_pool_send_event ()
#43 0x000000000470a25 in ebbu_pool_send_event ()
#44 0x000000000470a25 in ebbu_pool_send_event ()
#45 0x000000000470a25 in ebbu_pool_send_event ()
#46 0x000000000470a25 in ebbu_pool_send_event ()
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#50 0x000000000470a25 in ebbu_pool_send_event ()
#51 0x000000000470a25 in ebbu_pool_send_event ()
#52 0x000000000470a25 in ebbu_pool_send_event ()
#53 0x000000000470a25 in ebbu_pool_send_event ()
#54 0x000000000470a25 in ebbu_pool_send_event ()
#55 0x000000000470a25 in ebbu_pool_send_event ()
#56 0x000000000470a25 in ebbu_pool_send_event ()
#57 0x000000000470a25 in ebbu_pool_send_event ()
--Type <return> to continue, or q <return> to quit--
```

core文件打印

相关的问题:

关联到 2.0基站产品化测试 - 错误 #1751: 【系统卡顿问题】T5版本上行2天线星创易联cpe接入后phy...	已关闭	2024-04-28
关联到 2.0基站产品化测试 - 错误 #2137: 15PT4版本大上行双天线做上行ftp业务, 出现上行译码阻塞...	已解决	2024-09-10

历史记录

- #1 - 2024-07-30 14:32 - 孙浩
- 关联到 错误#1751: 【系统卡顿问题】T5版本上行2天线星创易联cpe接入后phy必挂死, 四信cpe接入灌包后偶尔出现phy挂死已添加
- #2 - 2024-08-06 15:40 - 孙浩
在15ppre1T2版本做多终端切换, 切换运行30分钟, 未出现phy挂死问题。
- #3 - 2024-09-24 17:10 - 匿名用户
- 状态从 新建 变更为 转测试

#4 - 2024-09-24 17:11 - 匿名用户

- 关联到 错误#2137: 15PT4 版本大上行双天线做上行tp业务, 出现上行译码阻塞, 掉线后无法接入。已添加

#5 - 2024-10-18 10:50 - 匿名用户

- 状态从 转测试 变更为 已关闭

译码挂死的历史问题单关闭, 2.1.15P pre1T4之后, 译码只有一种情况会挂死。done信号丢失, phy收不到。
单独提单跟踪。

文件

phy挂截图.jpg	394 KB	2024-07-30	孙浩
core文件打印.jpg	401 KB	2024-07-30	孙浩
dmesg -T.txt	2.14 MB	2024-07-30	孙浩
15ppre1多终端切换phy挂死-0730.rar	45.5 MB	2024-07-30	孙浩