

FirstCall - 错误 #4347

pucch和pusch共slot时会存在pusch符号12的数据被pucch覆盖

2025-10-29 20:24 - 任征

状态:	进行中	开始日期:	2025-10-29
优先级:	一般	计划完成日期:	
指派给:	王 金伏	% 完成:	100%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
描述			
pusch任务优先级高于pucch, 但是pucch默认搬两个符号的数据到发送buff里。			
相关的问题:			
关联到 B5G_UE - 功能 #4220: CP_drv - PHY动态buffer修改, 实现UU+DD合一版本		已解决	2025-10-10

历史记录

#1 - 2025-10-30 10:09 - 王 金伏

- 文件 20251030-100820.jpg 已添加
- 文件 20251030-100825.jpg 已添加
- 文件 20251030-100840.jpg 已添加
- 状态 从 新建 变更为 进行中
- % 完成 从 0 变更为 100

【问题描述】30环境下上行灌包15M1D3U环境下，出现PUSCH CRC 6%误包；北京另一套环境，加新CP diver版本后后PUSCH误包80%

【问题原因】

原因是：调整PUC

和PUS优先级后，先触发PUS，后触发PUC。PUC第一次调度2sym时搬了2符号，后面只调度1sym，但还是搬了2sym，此时会把PUS调度13个符号时，覆盖最后一个PUS 符号12。

1 30环境下上行灌包15M1D3U环境下，出现PUSCH CRC 6%误包，定位PUSCH PUC 同slot发送，基站侧对应slot的PUSCH全错误，屏蔽掉PUSC PUC buffer清0和优先级调整代码后，误包降低为1%。

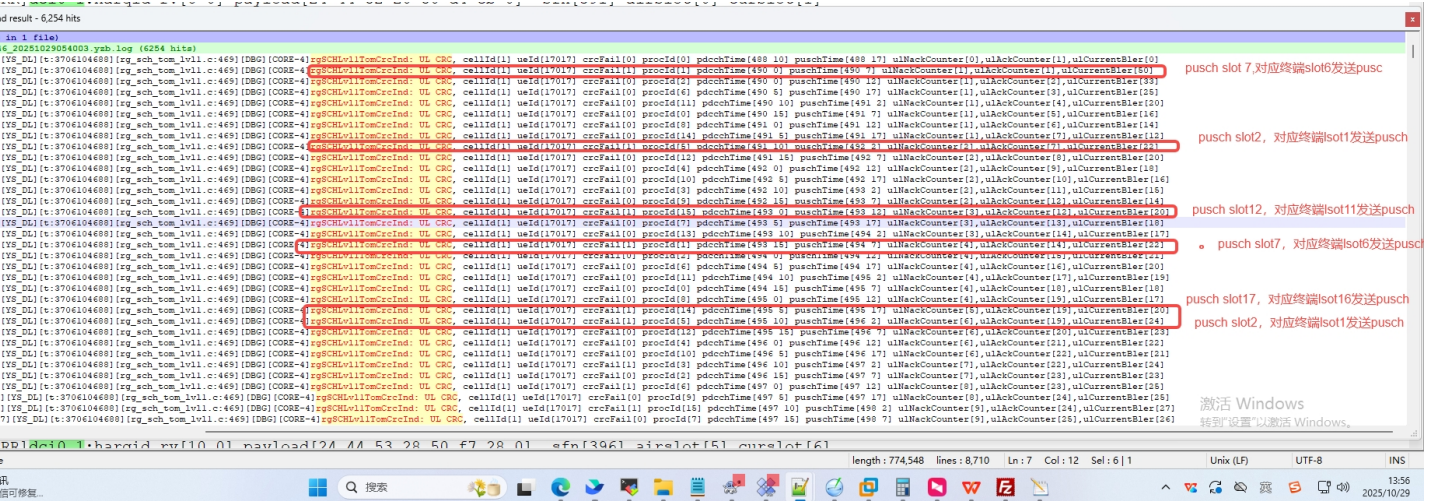
2 北京另一套环境，加新CP diver版本后后PUSCH误包80%，定位PUSCH 少了一个符号，最后的符号12数据是0。

【解决方案】PUC修改搬数代码，按照调度sym搬数。

【问题验证】北京1D3U环境，改后上行灌包15M，PUS误包小于1%。

#2 - 2025-10-30 10:10 - 王 金伏

- 文件 20251030-100820.jpg 已添加
- 文件 20251030-100825.jpg 已添加
- 文件 20251030-100840.jpg 已添加



6 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:384 6 time 175

7 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:385 16 time:80 us

8 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:386 1 time:73 us

9 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:388 1 time:74 us

10 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:388 16 time 165

11 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:389 16 time:71 us

12 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:390 1 time:69 us

13 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:390 6 time 169

14 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:390 6 time:62 us

15 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:390 11 time 167

16 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:390 16 time 165

17 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:391 1 time 168

18 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:391 6 time 167

19 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:391 11 time 165

20 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:391 16 time 167

21 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:392 1 time 175

22 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:392 1 time:63 us

23 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:392 6 time 167

24 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:392 11 time 166

25 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:392 16 time 167

26 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:393 1 time 167

27 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:393 6 time 165

28 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:393 11 time 169

29 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:393 11 time:62 us

30 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:393 16 time 167

31 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:394 1 time 165

32 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:394 6 time 170

33 [ERR] PUCCH APE_DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960,sfn slot:394 6 time:62 us

34 [ERR] PUSCH DM0:243912,APE_DMI:262144,APE_DM2:262144,APE_DM3:256960 sfn slot:394 11 time 167

终端在300帧slot6同时发送pusch puc，基站侧解调490帧 slot 7 puc crc err

终端在302帧slot6同时发送pusch puc，基站侧解调490帧 slot 2 puc crc err

终端在308帧slot6同时发送pusch puc，基站侧解调490帧 slot 12 puc crc err

Server listening on 5201

Accepted connection from 60.60.0.100, port 40242

ID	Interval	Transfer	Bitrate	Jitter	Lost/Total Datagrams
5	0.00-1.00	sec 1.97 Mbytes	16.5 Mbits/sec	0.774 ms	0/1590 (0%)
5	1.00-2.00	sec 2.03 Mbytes	17.0 Mbits/sec	0.832 ms	20/1657 (1.2%)
5	2.00-3.00	sec 2.15 Mbytes	18.1 Mbits/sec	0.924 ms	5/1743 (0.29%)
5	3.00-4.00	sec 2.06 Mbytes	17.3 Mbits/sec	0.917 ms	30/1700 (2.2%)
5	4.00-5.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.773 ms	0/1700 (0%)
5	5.00-6.00	sec 2.09 Mbytes	17.5 Mbits/sec	0.670 ms	15/1700 (0.88%)
5	6.00-7.00	sec 2.07 Mbytes	17.3 Mbits/sec	0.961 ms	33/1700 (1.9%)
5	7.00-8.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.940 ms	0/1700 (0%)
5	8.00-9.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.749 ms	0/1700 (0%)
5	9.00-10.00	sec 2.08 Mbytes	17.4 Mbits/sec	0.787 ms	25/1700 (1.5%)
5	10.00-11.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.844 ms	0/1700 (0%)
5	11.00-12.00	sec 1.93 Mbytes	16.2 Mbits/sec	2.932 ms	29/1589 (1.8%)
5	12.00-13.00	sec 2.22 Mbytes	18.7 Mbits/sec	0.844 ms	10/1911 (0.99%)
5	13.00-14.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.775 ms	0/1700 (0%)
5	14.00-15.00	sec 2.07 Mbytes	17.3 Mbits/sec	0.804 ms	33/1700 (1.9%)
5	15.00-16.00	sec 1.96 Mbytes	16.5 Mbits/sec	0.558 ms	10/1602 (1.2%)
5	16.00-17.00	sec 2.14 Mbytes	18.0 Mbits/sec	0.865 ms	45/1772 (2.5%)
5	17.00-18.00	sec 2.10 Mbytes	17.6 Mbits/sec	0.747 ms	34/1726 (2%)
5	18.00-19.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.789 ms	0/1700 (0%)
5	19.00-20.00	sec 2.10 Mbytes	17.6 Mbits/sec	0.878 ms	5/1700 (0.29%)
5	20.00-21.00	sec 2.07 Mbytes	17.3 Mbits/sec	0.931 ms	34/1700 (2%)
5	21.00-22.00	sec 2.08 Mbytes	17.5 Mbits/sec	0.877 ms	19/1700 (1.1%)
5	22.00-23.00	sec 2.03 Mbytes	17.0 Mbits/sec	0.785 ms	60/1700 (3.9%)
5	23.00-24.00	sec 2.08 Mbytes	17.4 Mbits/sec	0.831 ms	24/1700 (1.4%)
5	24.00-25.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.961 ms	0/1700 (0%)
5	25.00-26.00	sec 2.08 Mbytes	17.5 Mbits/sec	0.939 ms	19/1700 (1.1%)
5	26.00-27.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.739 ms	0/1700 (0%)
5	27.00-28.00	sec 2.10 Mbytes	17.6 Mbits/sec	0.780 ms	10/1700 (0.59%)
5	28.00-29.00	sec 2.09 Mbytes	17.5 Mbits/sec	0.841 ms	18/1700 (1.1%)
5	29.00-30.00	sec 2.10 Mbytes	17.6 Mbits/sec	0.906 ms	10/1700 (0.59%)
5	30.00-31.00	sec 2.03 Mbytes	17.1 Mbits/sec	0.936 ms	0/1640 (0%)
5	31.00-32.00	sec 2.09 Mbytes	17.5 Mbits/sec	0.793 ms	74/1760 (4.2%)
5	32.00-33.00	sec 1.99 Mbytes	16.7 Mbits/sec	0.915 ms	50/1666 (3.5%)
5	33.00-34.00	sec 2.14 Mbytes	17.9 Mbits/sec	0.971 ms	10/1724 (0.58%)
5	34.00-35.00	sec 2.05 Mbytes	17.2 Mbits/sec	0.942 ms	50/1700 (2.9%)
5	35.00-36.00	sec 2.00 Mbytes	16.7 Mbits/sec	0.773 ms	64/1674 (3.8%)
5	36.00-37.00	sec 2.13 Mbytes	17.9 Mbits/sec	0.784 ms	5/1726 (0.29%)
5	37.00-38.00	sec 2.09 Mbytes	17.5 Mbits/sec	0.882 ms	15/1700 (0.88%)
5	38.00-39.00	sec 2.05 Mbytes	17.2 Mbits/sec	0.880 ms	50/1700 (2.9%)
5	39.00-40.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.861 ms	0/1700 (0%)
5	40.00-41.00	sec 2.09 Mbytes	17.5 Mbits/sec	0.795 ms	15/1700 (0.88%)
5	41.00-42.00	sec 2.08 Mbytes	17.5 Mbits/sec	0.817 ms	22/1700 (1.3%)
5	42.00-43.00	sec 2.10 Mbytes	17.6 Mbits/sec	0.963 ms	5/1700 (0.29%)
5	43.00-44.00	sec 2.10 Mbytes	17.6 Mbits/sec	0.926 ms	10/1700 (0.59%)
5	44.00-45.00	sec 2.02 Mbytes	16.9 Mbits/sec	0.746 ms	72/1700 (4.2%)
5	45.00-46.00	sec 2.10 Mbytes	17.6 Mbits/sec	0.821 ms	5/1700 (0.29%)
5	46.00-47.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.906 ms	0/1700 (0%)
5	47.00-48.00	sec 2.04 Mbytes	17.1 Mbits/sec	0.901 ms	54/1700 (3.2%)
5	48.00-49.00	sec 2.11 Mbytes	17.7 Mbits/sec	0.849 ms	0/1700 (0%)
5	49.00-50.00	sec 2.07 Mbytes	17.3 Mbits/sec	0.904 ms	25/1691 (1.5%)
5	50.00-51.00	sec 2.10 Mbytes	17.6 Mbits/sec	0.808 ms	5/1700 (0.29%)
5	51.00-52.00	sec 2.08 Mbytes	17.5 Mbits/sec	0.890 ms	19/1700 (1.1%)

激活 Windows

转到“设置”以激活 Windows。

#3 - 2025-10-30 10:53 - 白瑞朋

- 关联到 功能#4220: CP_drv - PHY动态buffer修改，实现UU+DD合一版本 已添加

文件

20251030-100820.jpg	1.11 MB	2025-10-30	王金伏
20251030-100825.jpg	1.07 MB	2025-10-30	王金伏
20251030-100840.jpg	636 KB	2025-10-30	王金伏
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20251030-100825.jpg	1.07 MB	2025-10-30	王金伏
20251030-100840.jpg	636 KB	2025-10-30	王金伏

2025-11-05

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