

FirstCall - 错误 #3454

Msg6的ACK回复失败

2025-06-06 09:10 - 白瑞朋

状态:	已解决	开始日期:	2025-06-06
优先级:	普通	计划完成日期:	
指派给:	白瑞朋	% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
描述			
UU测试, Msg6的ACK回复失败, L1C没有触发PUCCH.			

历史记录

#1 - 2025-06-06 14:10 - 白瑞朋

- 文件PUCCH_ack.jpg 已添加

- 状态从新建 变更为 进行中

【问题分析】

UE进入ACTIVE后, 收到Msg6并解析PDSCH CRC, L1C没触发PUCCH任务, ack没有上报。
分析L1C, 发现进入active后不能触发PUCCH;

【问题修改】

修改ACTIVE后的触发PUCCH逻辑, ack可以上报。

```
1336:         break;
1337:         case UE_ACTIVE:
1338:         {
1339:             uint32_t pusch_send_slot;
1340:             uint32_t pusch_fill_slot;
1341:
1342:             uint32_t pucch_send_slot;
1343:             uint32_t pucch_fill_slot;
1344:             SteUePucchRecpReq *pucchRecpReq;
1345:             SteUePucchRecpReq *pucch_Req;
1346:
1347:             ue_pusch_send_occasion(curSlot);
1348:             pusch_send_slot = ((curSlot + 1) % 20);
1349:             pusch_fill_slot = ((curSlot + 2) % 20);
1350:
1351:             //LOG_INFO_S("enter UE_ACTIVE PUSCH flag %d, curSlot=%d fill_slot=%d send_slot=%d\n",
1352:             //          LOAD_EX_B(&ueCfg->pusch_send[pusch_fill_slot].flag),
1353:             //          curSlot, pusch_fill_slot, pusch_send_slot);
1354:
1355:             if(LOAD_EX_B(&ueCfg->pusch_send[pusch_fill_slot].flag))
1356:             {
1357:                 fill_pusch_info(pusch_fill_slot);
1358:             }
1359:             else if(LOAD_EX_B(&ueCfg->pusch_send[pusch_send_slot].flag))
1360:             {
1361:                 Llc_trigger_Pusch(sfn, curSlot);
1362:                 STORE_EX_B(&ueCfg->pusch_send[pusch_send_slot].flag, FALSE);
1363:             }
1364:
1365:             prep_dlharq_pucch(curSlot);
1366:             prep_sr_pucch(curSlot);
1367:
1368:
1369:             pucch_send_slot = ((curSlot + 1) % 20);//[#3454]
1370:             pucch_fill_slot = ((curSlot + 2) % 20);
1371:
1372:             //pucchRecpReq = &recpReqInfo.pucchRecpReq[pucch_fill_slot];
```

增加PUCCH slot判断

#2 - 2025-06-06 17:01 - 白瑞朋

- 状态从进行中 变更为 已解决

Branch:Bug_fixed_phy0506

SHA-1: d84d64e9ae7e903640a2e50bb11cc1eee351c102

Branch:Bug_fixed_phy0528

SHA-1: da6ce9bc12291d8655913a3082a2c166979d373c

文件

PUCCH_ack.jpg

222 KB

2025-06-06

白瑞朋