

# B5G\_UE - 错误 #5047

## pdccch在uu mcs=9上行灌包16m过程中存在漏检

2026-03-20 09:33 - 王金伏

状态:	进行中	开始日期:	2026-03-20
优先级:	一般	计划完成日期:	
指派给:	张倩	% 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			

### 历史记录

#1 - 2026-03-20 09:33 - 王金伏

- 状态从新建变更为进行中

- 指派给被设置为张倩

#2 - 2026-03-20 09:41 - 王金伏

【问题描述】pdccch在uu mcs=9灌包16m过程中存在漏检

现象：基站侧调度PDCCH在 sfm : 34/0 ( NDI:1 ) ;36/0 ( NDI:0 ) ;38/16 ( NDI:1 ) ，(对应NDI是1/0/1) 终端PDCCH只有34/0 ( NDI:1 ) ;38/16 ( NDI:1 ) 缺少了36/0 ( NDI:0 ) ；(终端NDI是1/1,缺少NDI0)

终端PDCCH漏检pdccch sfm:36/0，此时终端不发PUSCH，对应在基站36/7crr，实际是DTX

终端PDCCH在38/16时，因为漏检一包36/0，导致终端认为在sfm: 38/16同一harqid NDI不翻转，就不会解析PDCCH的RIV（用于解析RB参数发送pusch用），对应在基站sfm:39/3crr err

【问题原因】pdccch在uu mcs=9灌包16m过程中存在漏检,导致PDCCH漏检一包，没有PUSCH参数终端不发PUSCH基站DTX；一包PDCCH不接续RIV参数，终端发送PUSCH的与基站不一致，基站CRC ERR

【解决方案】

【问题验证】

#3 - 2026-03-20 09:43 - 王金伏

- 文件20260320-094200.jpg 已添加

- 文件20260320-094205.jpg 已添加

- 文件20260320-094210.jpg 已添加

- 文件20260320-094218.jpg 已添加

```
Line 27671: [34085][34085][2026-03-19T17:32:20.028][COMMON]pdccchsend 1 :sfm=21, slot=11, harqid:2,dcINdi:1
Line 27735: [34149][34149][2026-03-19T17:32:20.028][COMMON]pdccchsend 1 :sfm=23, slot=11, harqid:2,dcINdi:0
Line 27807: [34241][34241][2026-03-19T17:32:20.131][COMMON]pdccchsend 1 :sfm=26, slot=7, harqid:2,dcINdi:1
Line 27891: [34305][34305][2026-03-19T17:32:20.131][COMMON]pdccchsend 1 :sfm=28, slot=7, harqid:2,dcINdi:0
Line 27939: [34353][34353][2026-03-19T17:32:20.131][COMMON]pdccchsend 1 :sfm=29, slot=17, harqid:2,dcINdi:1
Line 28003: [34417][34417][2026-03-19T17:32:20.131][COMMON]pdccchsend 1 :sfm=31, slot=17, harqid:2,dcINdi:0
Line 28071: [34481][34481][2026-03-19T17:32:20.131][COMMON]pdccchsend 1 :sfm=34, slot=17, harqid:2,dcINdi:1
Line 28223: [34537][34537][2026-03-19T17:32:20.253][COMMON]pdccchsend 1 :sfm=38, slot=17, harqid:2,dcINdi:1
Line 28286: [34700][34700][2026-03-19T17:32:20.253][COMMON]pdccchsend 1 :sfm=40, slot=17, harqid:2,dcINdi:0
Line 28330: [34744][34744][2026-03-19T17:32:20.253][COMMON]pdccchsend 1 :sfm=42, slot=16, harqid:2,dcINdi:1
Line 28394: [34808][34808][2026-03-19T17:32:20.253][COMMON]pdccchsend 1 :sfm=44, slot=16, harqid:2,dcINdi:0
Line 28462: [34876][34876][2026-03-19T17:32:20.327][COMMON]pdccchsend 1 :sfm=46, slot=7, harqid:2,dcINdi:1
Line 28526: [34940][34940][2026-03-19T17:32:20.327][COMMON]pdccchsend 1 :sfm=48, slot=7, harqid:2,dcINdi:0
Line 28590: [35004][35004][2026-03-19T17:32:20.327][COMMON]pdccchsend 1 :sfm=50, slot=7, harqid:2,dcINdi:1
Line 28634: [35048][35048][2026-03-19T17:32:20.327][COMMON]pdccchsend 1 :sfm=51, slot=16, harqid:2,dcINdi:0
Line 28698: [35112][35112][2026-03-19T17:32:20.327][COMMON]pdccchsend 1 :sfm=53, slot=16, harqid:2,dcINdi:1
Line 28762: [35176][35176][2026-03-19T17:32:20.427][COMMON]pdccchsend 1 :sfm=55, slot=16, harqid:2,dcINdi:0

Line 74450: [904727][2026-03-19T09:32:20.041][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[28 6] FuschTime[28 13]Harqid[2] NDI[0]
Line 74541: [904818][2026-03-19T09:32:20.056][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[29 16] FuschTime[30 3]Harqid[2] NDI[1]
Line 74655: [904931][2026-03-19T09:32:20.076][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[31 16] FuschTime[32 3]Harqid[2] NDI[0]
Line 74790: [905067][2026-03-19T09:32:20.096][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[34 0] FuschTime[34 7]Harqid[2] NDI[1]
Line 74904: [905181][2026-03-19T09:32:20.118][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[36 0] FuschTime[36 7]Harqid[2] NDI[0]
Line 75068: [905345][2026-03-19T09:32:20.146][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[38 16] FuschTime[39 3]Harqid[2] NDI[1]
Line 75190: [905467][2026-03-19T09:32:20.166][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[40 16] FuschTime[41 3]Harqid[2] NDI[0]
Line 75273: [905550][2026-03-19T09:32:20.180][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[42 5] FuschTime[42 12]Harqid[2] NDI[1]
Line 75392: [905669][2026-03-19T09:32:20.200][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[44 5] FuschTime[44 12]Harqid[2] NDI[0]
Line 75507: [905784][2026-03-19T09:32:20.221][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[46 6] FuschTime[46 13]Harqid[2] NDI[1]
Line 75626: [905903][2026-03-19T09:32:20.241][MAC_UL_CRC][[:3851406192][rg_sch_utl_lv11.c:4512][DBG][CORE-6]DCI_0-1 CRNTI[17017] PdcchTime[48 6] FuschTime[48 13]Harqid[2] NDI[0]
```

终端PDCCH, 缺34 1 harqid 2, 38 17 harqid 2, 少缺38 harqid 2

基站侧调度是PDCCH 34 0 38 0 38 16 终端缺少38 0



```

1862:
1863: /* 新传才能发送 ul grant indication to DU,重传不能发
1864: if it is ul harq re-TX, not send UL Grant Indication to DU
1865: */
1866:
1867: TraceLog(INFO_LOG, L1C_INFO_59,3,sfn,slotIdx,LOAD_EX_B(&ulProc_p[bufId][harqId].applyNdi));
1868:
1869:
1870: if( LOAD_EX_B(&ulProc_p[bufId][harqId].applyNdi) )
1871: {
1872: //calc tbSize |
1873: ue_pusch_alloc_ul_resource( &rbStart ,
1874: &rbNum ,
1875: &tbSz ,
1876: STE_PUSCH_UL_DATA ,
1877: dci0_1,
1878: &dmrsPorts ) ;
//LOG INFO S("L1C ul harq info: rbStart[%d] rbNum[%d] tbSz[%d] slotIdx[%d] timeDomResAssign[%d]\n",rbS

```

applyNdi值偶尔会是0, 此时L1c拿不到正确的RB参数

## 文件

20260320-094200.jpg	245 KB	2026-03-20	王金伏
20260320-094205.jpg	348 KB	2026-03-20	王金伏
20260320-094210.jpg	456 KB	2026-03-20	王金伏
20260320-094218.jpg	235 KB	2026-03-20	王金伏
20260320-094932.jpg	763 KB	2026-03-20	王金伏
20260320-094955.jpg	156 KB	2026-03-20	王金伏