

B5G_UE - 错误 #3600

DD口Puc的参数全为0，puc参数从l1c获取，L1c获取参数的代码，判断异常返回，赋值流程未走完

2025-06-24 16:34 - 王金伏

状态:	已解决	开始日期:	2025-06-24
优先级:	普通	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 DD口Puc的参数全为0，puc参数从l1c获取，L1c获取参数的代码，判断异常返回，赋值流程未走完			

历史记录

#1 - 2025-06-25 11:05 - 王金伏

- 文件 屏幕截图2025-06-25 110505.png 已添加

```
[ERR]UE_SRS_Proc_Init , sfn=0, slot=0
[ERR]UE_Prach_Proc_Init , sfn=0, slot=0
[ERR]UE_Pucch_Proc_Init , sfn=0, slot=0
[INFO]3.1 node_type=3 len=0x8
[INFO]Node Type is :3 local_devid:37019
[INFO]L1C advance fill msg4 pucch, error: not find dciSlot, curSlotIdx[0 15] dciSlotIdx[0] pdcchSlot[65536 65536 0 0 2358848]
[INFO]L1C advance fill msg4 pucch, error: not find dciSlot, curSlotIdx[1 16] dciSlotIdx[0] pdcchSlot[65536 65536 0 0 2358848]
[INFO]L1C advance fill msg4 pucch, error: not find dciSlot, curSlotIdx[2 17] dciSlotIdx[0] pdcchSlot[65536 65536 0 0 2358848]
[INFO]L1C advance fill msg4 pucch, error: not find dciSlot, curSlotIdx[3 18] dciSlotIdx[0] pdcchSlot[65536 65536 0 0 2358848]
[INFO]L1C advance fill msg4 pucch, error: not find dciSlot, curSlotIdx[4 19] dciSlotIdx[0] pdcchSlot[65536 65536 0 0 2358848]
```

#2 - 2025-06-25 11:11 - 王金伏

- 文件 20250625-110915.jpg 已添加

- 文件 20250625-110915.jpg 已添加

- 文件 20250625-111113.jpg 已添加

【问题描述】DD口Puc的参数全为0

【问题原因】DD口Puc的参数全为0，puc参数从l1c获取，L1c获取参数的代码，判断异常返回，赋值流程未走完

```
[ERR]UE_SRS_Proc_Init , sfn=0, slot=0
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[ERR]UE_Pucch_Proc_Init , sfn=0, slot=0
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[INFO]L1C advance fill msg4 pucch, error: not find dciSlot, curSlotIdx[5 0] dciSlotIdx[0] pdcchSlot[65536 65536 0 0 2358848]
```

l1c在获取DCI的参数时，代码处理流程异常，未走到给l1c赋值的流程

```

1749: DciFormat1 *dci11 = NULL;
1750: //LOG_ERROR_S("curSlotIdx0624 %d\n",curSlotIdx);
1751:
1752: for( idx0=1; idx0 < 6 ; idx0++)
1753: {
1754:     // protect code, avoid slot overturn
1755:     if( curSlotIdx < idx0)
1756:     {
1757:         dciSlotIdx = (curSlotIdx + 20 - idx0) % 20;
1758:     }
1759:     else
1760:     {
1761:         dciSlotIdx = ( curSlotIdx - idx0) % 20;
1762:     }
1763:     //
1764:     if( ( LOAD_EX_W(&ueCfg->sDciRet[dciSlotIdx].dci1_1[0].slotIdx) == dciSlotIdx)
1765:         &&( LOAD_EX_B(&ueCfg->sDciRet[dciSlotIdx].numDci1_1) ) )
1766:     {
1767:         LOG_ERROR_S("break!! \n");
1768:         break;
1769:     }
1770: }
1771: } « end for idx0=1;idx0<6;idx0++ »
1772: //LOG_ERROR_S("idx0 curSlotIdx dciSlotIdx %d %d %d\n", idx0, curSlotIdx, dciSlotIdx);
1773: //LOG_ERROR_S("prep_dlharq_pucch0624 %d\n",idx0);
1774: if( idx0 == 6 ) // not find
1775: {
1776:     LOG_INFO_S("L1c advance fill msg4 pucch, error: not find slot, curSlotIdx[%d %d] dciSlotIdx[%d] pdcchSlot[%d %d %d %d]",
1777:         curSlotIdx,
1778:         dciSlotIdx,
1779:         ueCfg->sDciRet[(curSlotIdx - 1) % STE_NUM_SUB_FRAMES].dci1_1[0].slotIdx,
1780:         ueCfg->sDciRet[(curSlotIdx - 2) % STE_NUM_SUB_FRAMES].dci1_1[0].slotIdx,
1781:         ueCfg->sDciRet[(curSlotIdx - 3) % STE_NUM_SUB_FRAMES].dci1_1[0].slotIdx,
1782:         ueCfg->sDciRet[(curSlotIdx - 4) % STE_NUM_SUB_FRAMES].dci1_1[0].slotIdx,
1783:         ueCfg->sDciRet[(curSlotIdx - 5) % STE_NUM_SUB_FRAMES].dci1_1[0].slotIdx);
1784:
1785:     return;
1786: }
1787: //LOG_ERROR_S(" idx0 info \n");
1788:
1789: dci11 = &ueCfg->sDciRet[dciSlotIdx].dci1_1[0];
1790:
1791: //ueCfg->ulCfg.initUlBwpDed.pucchInfo.res[idx+1]; // res[0]预留给SR使用
1792: k0Index = LOAD_EX_B(&dci11->timeDomResAssign);
1793: k0Value = LOAD_EX_B(&ueCfg->d1Cfgr.dlBwpDed[0].pdschInfo.symb1Alloc[k0Index].k0);
1794: k1Index = LOAD_EX_B(&dci11->pdschHarqFbInd);
1795: k1Value = LOAD_EX_B(&ueCfg->ulCfg.s1Cfgr.fidUlBwpDed.pucchInfo.dlBwpDed[0].symb1Alloc[k1Index].k1);

```

Mc中，填写Mc的harq信息时，处理异常，函数return，未执行完赋值流程

【解决方案】

【问题验证】

#3 - 2025-06-25 18:03 - 王金伏

- 文件 20250625-175841.jpg 已添加

```

11 [INFO]L1c num=1 idx=0, msg_id:30, cur_sfn:1003, cur_slot:19
12 [INFO]FAPI_UE_DEDICATED_CFG!
13 [ERR]msg4:pucchConfig:2 puschConfig:2 pdcchConfig:1 pdschConfig:2
14 [INFO]ded pucch res set: numResSet[2]
15 [INFO]ded pucch res set: idx1[0] setId[0] numRes[8] maxPayLdMinus1[0][INFO]ded pucch res set: idx2[0] resIdx[0] resIdx[0][INFO]ded pucch res set: idx2[1] resIdx[1] resI
16 ded pucch res: numRes[16] idx[0] resId[0] resSetIdx[0] resIdx[0] strtPrb[8] frmt[0]
17 [INFO]ded pucch res f0: strtSymb1[13] numSymb1[1] intlCyclcShft[0]
18 [INFO]ded pucch res: numRes[16] idx[1] resId[0] resSetIdx[0] resIdx[0] strtPrb[9] frmt[0]
19 [INFO]ded pucch res f0: strtSymb1[13] numSymb1[1] intlCyclcShft[0]
20 [INFO]ded pucch res: numRes[16] idx[2] resId[0] resSetIdx[0] resIdx[0] strtPrb[10] frmt[0]
21 [INFO]ded pucch res f0: strtSymb1[13] numSymb1[1] intlCyclcShft[0]
22 [INFO]ded pucch res: numRes[16] idx[3] resId[0] resSetIdx[0] resIdx[0] strtPrb[11] frmt[0]
23 [INFO]ded pucch res f0: strtSymb1[13] numSymb1[1] intlCyclcShft[0]
24 [INFO]ded pucch res: numRes[16] idx[4] resId[0] resSetIdx[0] resIdx[0] strtPrb[12] frmt[0]
25 [INFO]ded pucch res f0: strtSymb1[13] numSymb1[1] intlCyclcShft[0]
26 [INFO]ded pucch res: numRes[16] idx[5] resId[0] resSetIdx[0] resIdx[0] strtPrb[13] frmt[0]
27 [INFO]ded pucch res f0: strtSymb1[13] numSymb1[1] intlCyclcShft[0]
28 [INFO]ded pucch res: numRes[16] idx[6] resId[0] resSetIdx[0] resIdx[0] strtPrb[14] frmt[0]
29 [INFO]ded pucch res f0: strtSymb1[13] numSymb1[1] intlCyclcShft[0]
30 [INFO]ded pucch res: numRes[16] idx[7] resId[0] resSetIdx[0] resIdx[0] strtPrb[15] frmt[0]

```

环境中指前看Ded是有puc参数的，但是在L1c获取参数代码，判断dci_slot异常退出，不能获取对应的参数

从代码中查看，dedconfig是用参数的，定位L1c获取参数的代码异常原因

#4 - 2025-07-01 18:59 - 王金伏

- 指派给从王金伏变更为张倩

#5 - 2025-07-01 19:19 - 张倩

- 文件 img_v3_02np_6c1b3bb0-2e24-4891-b853-e12eec6cc91g.jpg 已添加

- 文件 img_v3_02np_ed9a2c09-e3ff-4e4d-9666-0cac188c668g.jpg 已添加

- 文件 img_v3_02np_5eaea1ac-c8bd-46aa-a0cf-ab1b7448ab2g.jpg 已添加

- 文件 img_v3_02np_7af91a5d-57e2-41fa-965a-47b0c905071g.jpg 已添加

- 状态从新建变更为已解决

原因：

```

}
uint16_t uu_dd_flag = LOAD_EX_B(&ueCfg->uu_dd_flag);//0: uu; 1: dd
{
if (uu_dd_flag == 1)
{
pucch.harqBitSize = 128;
}
}
pucch.uciBitmap |= UCI_TYP_HQ;

```

```

53: void getDedicatedPucchRes
54: (
55:     uint8_t *pucchResSetId ,
56:     uint16_t *uciInfoBits ,
57:     uint16_t dci1_1_pri , // 表示DCI1_1中的参数PUCCH resource indicator
58:     StePucchRes *pucchResource )
59: {
60:     uint16_t N2, N3 ;
61:     //LOG_INFOS(" getDedicatedPucchRes:numResSet[%d] *uciInfoBits[%d]\n" , LOAD_EX_B(&ueCfg->u1Cfg.initU1BwpDed.pucchInfo.numResSet) ,
62:
63:     // get pucch resource set id
64:     if( 2 == LOAD_EX_B(&ueCfg->u1Cfg.initU1BwpDed.pucchInfo.numResSet)) // numResSet max to 4 , 目前基站支持2个资源集
65:     {
66:         if( *uciInfoBits <= 2)
67:         {
68:             *pucchResSetId = 0 ;
69:         }
70:         else if( (*uciInfoBits > 2) || (*uciInfoBits <= 1706) )
71:         {
72:             *pucchResSetId = 1 ;
73:         }
74:     }
}

```

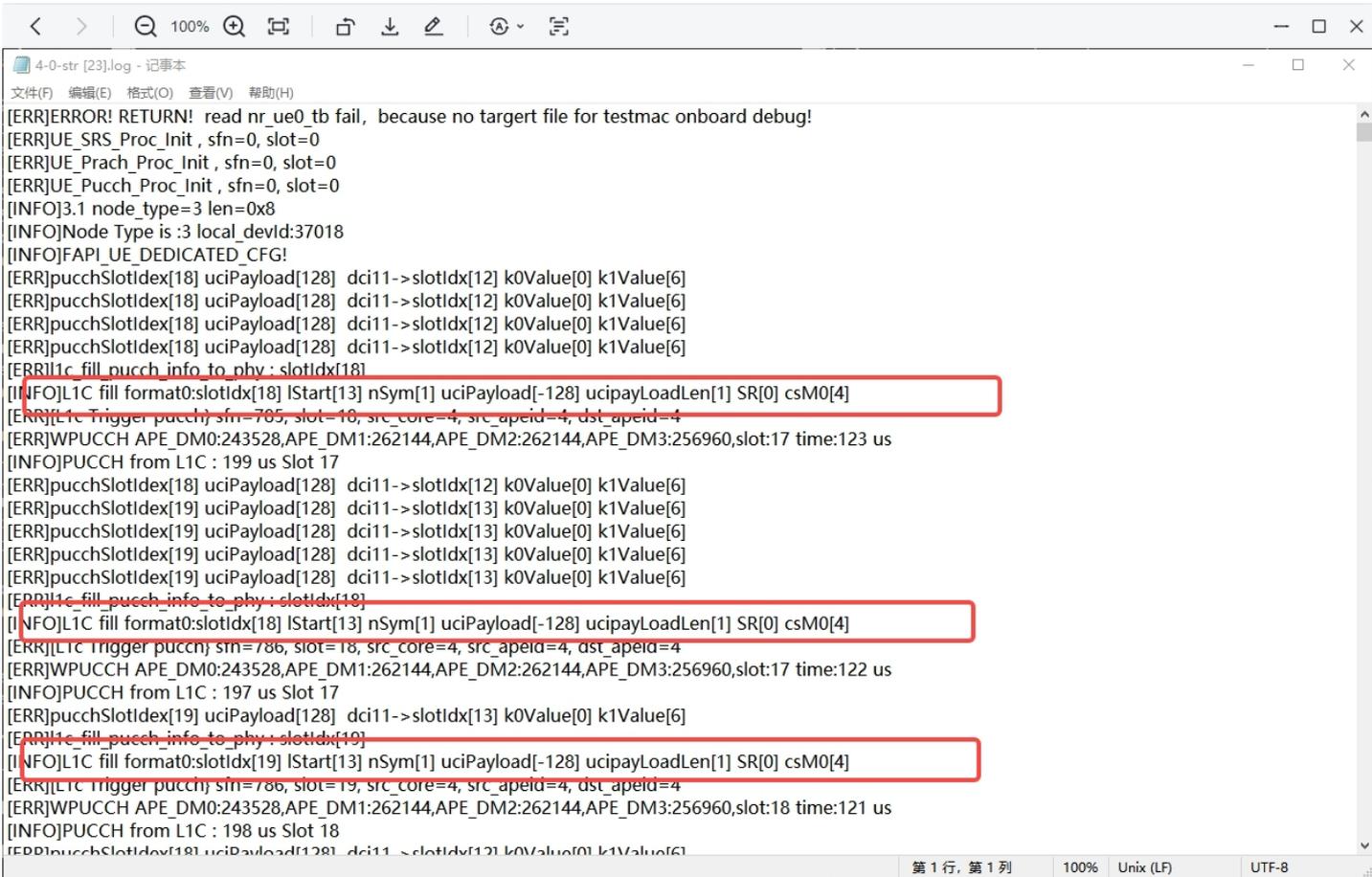
解决方案：
pucch.harqbitsize赋值错误导致计算pucchressetid走错分支，取到了pucch format2，配参数时配给了pucchformat2
pucch.harqbitsize 128改成1

```

if (uu_dd_flag == 1)
{
pucch.harqBitSize = 1;
}

```

修改后进入format0分支，配置参数正常



文件

屏幕截图 2025-06-25 110505.png	27.9 KB	2025-06-25	王金伏
20250625-110915.jpg	195 KB	2025-06-25	王金伏
20250625-110915.jpg	195 KB	2025-06-25	王金伏

20250625-111113.jpg	364 KB	2025-06-25	王金伏
20250625-175841.jpg	492 KB	2025-06-25	王金伏
img_v3_02np_6c1b3bb0-2e24-4891-b853-e12eec6cc91g.jpg	28.9 KB	2025-07-01	张倩
img_v3_02np_ed9a2c09-e3ff-4e4d-9666-0cac188c668g.jpg	111 KB	2025-07-01	张倩
img_v3_02np_5eaea1ac-c8bd-46aa-a0cf-ab1b7448ab2g.jpg	8.51 KB	2025-07-01	张倩
img_v3_02np_7af91a5d-57e2-41fa-965a-47b0c905071g.jpg	503 KB	2025-07-01	张倩