

B5G_UE - 错误 #5406

IRN转DD成功，加衰减后，DD转IRN，IRN建立过程中失败

2026-06-15 15:11 - 葛奇思

状态:	审视	开始日期:	2026-06-15
优先级:	一般	计划完成日期:	
指派给:	李常	% 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

```
584 [ERR]UE_Prach_Proc_Task, sfn=463, start_us:29
585 [ERR]Cv_Related_Ncs:0 prachFormat:10 logical_idx:0 lStart:2 preambleId:0
586 [ERR][Lfc_Send_Trigger_prach_Msg] sfn=464, slot=18, src_core=4, src_apeid=4, dst_apeid=4, longcode:0
587 [INFO]trigger_prach_slot[18],prach Format:10
588
589 [ERR]UE_Prach_Proc_Task, sfn=464, start_us:29
590 [ERR]Cv_Related_Ncs:0 prachFormat:10 logical_idx:0 lStart:2 preambleId:0
591 [ERR][Lfc_Send_Trigger_prach_Msg] sfn=465, slot=18, src_core=4, src_apeid=4, dst_apeid=4, longcode:0
592 [INFO]trigger_prach_slot[18],prach Format:10
593
594 [ERR]UE_Prach_Proc_Task, sfn=465, start_us:29
595 [ERR]Cv_Related_Ncs:0 prachFormat:10 logical_idx:0 lStart:2 preambleId:0
596 [ERR]FAP:UE_RELEASE_MAC2LIC
597 [ERR]timing_offset0 930418 ue_sample_diff 14 timing->dltrec 0
598 [INFO]Pdch_css_for_slb1_2 success :1
599 [INFO]3.1 node_type=3 len=8x8
600 [INFO]Node Type Ls :0 local_devId:37019
601 [ERR][Dedicated] paramType 1
602 [ERR]ENTER DD CFG
603 [INFO]3.1 node_type=0 len=8x8
604 [INFO]Node Type Ls :0 local_devId:0
605 [INFO]3.1 node_type=0 len=8x8
606 [INFO]Node Type Ls :0 local_devId:0
607 [INFO]3.4 UU Slot format:ID3U, DNum=3 ULNum=2
608 [INFO]prachCfgIndex:160,fdm:2, state:6
609 [INFO]prach_scs:1, prachOcc:2, slot:1
610 [INFO]numPrach :1
611 [INFO]numPrach :2
612 [INFO]get Prach Occ: 0,19,0,0,0,0
613 [INFO]RA-RNTI[268] startSymbol[2] prachSlotIdx[19] freqResIdx[0]
614 [INFO]UE_MSG1_CFG_REC: [477, 1], 2
615 [INFO]3.11 Plat TA clear, flag=1, sfn:477, slot:1
616 [ERR][Lfc_Send_Trigger_prach_Msg] sfn=477, slot=18, src_core=4, src_apeid=4, dst_apeid=4, longcode:0
617 [INFO]trigger_prach_slot[18],prach Format:10
618
619 [ERR]UE_Prach_Proc_Task, sfn=477, start_us:30
620 [ERR]Cv_Related_Ncs:0 prachFormat:10 logical_idx:0 lStart:2 preambleId:0
621 [ERR]corest0CfgIdx 10
622 [INFO]UE_RA_MSG2_PENDING 2
623 [INFO]set TA :ts:2, 64 64 according RAR BIT11 sfn:478, slot:13
624 [INFO]rar sfn:478,curSlot:13, dci:10,h2:0,delta:3
625 [INFO]msg3:RNTI:17019, bwpSize:273, mcs:8
626 [ERR][Lfc_Trigger_pusch] sfn:479, slot=1, src_core=4, src_apeid=4, dst_apeid=4
627 [INFO]send Msg3 sfn:479, slot:1
628 [INFO]prachCfgIndex:160,fdm:2, state:1
629 [ERR]msg3:prach=66664,prachOcc=0,slot=1
630 [INFO]numPrach :1
631 [INFO]numPrach :2
632 [INFO]get Prach Occ: 0,19,0,0,0,0
633 [INFO]RA-RNTI[268] startSymbol[2] prachSlotIdx[19] freqResIdx[0]
634 [INFO]UE_MSG1_CFG_REC: [485, 2], 3
635 [INFO]3.11 Plat TA clear, flag=1, sfn:485, slot:2
636 [ERR][Lfc_Send_Trigger_prach_Msg] sfn=485, slot=18, src_core=4, src_apeid=4, dst_apeid=4, longcode:0
637 [INFO]trigger_prach_slot[18],prach Format:10
638
639 [ERR]UE_Prach_Proc_Task, sfn=485, start_us:29
640 [ERR]Cv_Related_Ncs:0 prachFormat:10 logical_idx:0 lStart:2 preambleId:0
641 [ERR]corest0CfgIdx 10
642 [INFO]UE_RA_MSG2_PENDING 2
643 [INFO]set TA :ts:2, 64 64 according RAR BIT11, sfn:486, slot:13
644 [INFO]rar sfn:486,curSlot:13, dci:10,h2:0,delta:3
```

IRN转DD成功，加衰减后，DD转IRN，IRN建立过程中RAR收到,已发送MSG3，没有收到MSG4

历史记录

#1 - 2026-06-15 16:04 - 葛奇思

- 文件img_v3_0212m_6b7fd63b-eff4-41f9-88b5-10be7e1359fg.jpg 已添加

- 指派给 被设置为 葛奇思

```

D:\临时log\1515\gmb_du_20260512T14002_20260615071502_293yzb.log - Notepad++
文件(F) 编辑(E) 格式(O) 视图(V) 编码(N) 语言(L) 设置(S) 工具(T) 宏(M) 运行(R) 插件(P) 窗口(W) ?
gmb_du_20260512T14002_20260615071502_293yzb.log  gmb_du_20260512T14002_20260615071502_293yzb.log  gmb_du_20260512T14002_20260615071512_294yzb.log  gmb_du_20260512T14002_20260615071522_295yzb.log  4-0-ctrllog

150855 [12611357] [2026-06-15T07:15:10.556] [YS_UL][t:548426197872][ys_fapi_task.c:903][DBG][CORE-6]Fapi_PhyRecvPlan, uRxDatLen[0] cRxDatLen[0] uuTime[379:2]
150856 [12611358] [2026-06-15T07:15:10.556] [MAC_UL_CRC][t:548553345904][rg_sch_tom_lvl1.c:523][DBG][CORE-4]rgSCHLvl1TomCrcCnd: RNTI[17018] nSNR[33] mcsTable[0] txContr[3] numLyrs[1] iMcs[25] tbsSize
150857 [12611359] [2026-06-15T07:15:10.556] [MAC_UL_CRC][t:548553345904][rg_sch_tom_lvl1.c:571][DBG][CORE-4]rgSCHLvl1TomCrcCnd: UL_CRC, cellId[1] ueId[17018] crcFail[0] procId[12] pdccchTime[378 15]
150858 [12611360] [2026-06-15T07:15:10.556] [MAC_UL_CRC][t:548553345904][rg_sch_tom_lvl1.c:282][DBG][CORE-4]rgSCHLvl1TomCrcCnd: UEID[17017] rastate[1] ta pres[1] ta value[31]
150859 [12611361] [2026-06-15T07:15:10.556] [MAC_ACCESS][t:548553345904][rg_sch_tom_lvl1.c:324][DBG][CORE-4]rgSCHLvl1TomCrcCnd msg3 rcvcd: rnti [17017] rastate[1] harqId[0] iMcs[6] rbStart[4] rbNum[4]
150860 [12611362] [2026-06-15T07:15:10.556] [YS_UL][t:548426197872][ys_fapi_task.c:2419][INF][CORE-6]ysUtmHdDatInd: CellId[1] UEID[17018] nPduLen[1505] cellCb.timingInfo.sfn[379] cellCb.timingInfo.s
150861 [12611363] [2026-06-15T07:15:10.556] [MAC_UL_TB][t:548426197872][rg_dux.c:645][DBG][CORE-6]rgDUXDemuxData: ueid[17018] cellId[1] RG_PAD_LCID[63] dbufSize[1504]
150862 [12611364] [2026-06-15T07:15:10.556] [MAC_UL_TB][t:548426197872][rg_ul.c:780][DBG][CORE-6]RgLfFuDataInd: other; UEID[17018] SFN-slot[379 2] dataSiz[230] ceInfo.biMask[0] sduCnt[0]
150863 [12611365] [2026-06-15T07:15:10.556] [MAC_UL_TB][t:548426197872][ys_fapi_task.c:2476][DBG][CORE-6]ysUtmFuDataInd phy[379 3] time[379 2] rnti[17018] pduLen[1505]
150864 [12611366] [2026-06-15T07:15:10.556] [YS_UL][t:548426197872][ys_fapi_task.c:2419][INF][CORE-6]ysUtmHdDatInd: CellId[1] UEID[17017] nPduLen[63] cellCb.timingInfo.sfn[379] cellCb.timingInfo.s
150865 [12611367] [2026-06-15T07:15:10.556] [MAC_DL_MACCE][t:548426197872][rg_dux.c:436][DBG][CORE-6]CRNTI CE received. ueid[17017] lcId[58] before CrntiCe.
150866 [12611368] [2026-06-15T07:15:10.556] [MAC_DL_MACCE][t:548426197872][rg_dux.c:440][DBG][CORE-6]CRNTI CE received. ueid[17020] lcId[58] before CrntiCe.
150867 [12611369] [2026-06-15T07:15:10.556] [MAC_UL_TB][t:548426197872][rg_dux.c:645][DBG][CORE-6]rgDUXDemuxData: ueid[17017] cellId[1] RG_PAD_LCID[63] dbufSize[59]
150868 [12611370] [2026-06-15T07:15:10.556] [MAC_ACCESS][t:548426197872][rg_ul.c:748][DBG][CORE-6]RgLfFuDataInd: RgSCH CRNTI CE PRNRY; SFN-Slot[379 2] sduCnt[0]
150869 [12611371] [2026-06-15T07:15:10.556] [MAC_COMM][t:548426197872][rg_ul.c:243][DBG][CORE-6]rgTOMULProcMsg process CRNTI CE crnti 17020 gUeCb 17020 resetIdx 3 ueResetFlag 0
150870 [12611372] [2026-06-15T07:15:10.556] [MAC_COMM][t:548426197872][rg_ul.c:270][ERR][CORE-6]rgTOMULProcMsg: not reset but crnti mcs rnti 17020
150871 [12611373] [2026-06-15T07:15:10.556] [MAC_UL_TB][t:548426197872][ys_fapi_task.c:2476][DBG][CORE-6]ysUtmFuDataInd phy[379 2] rnti [17017] pduLen[63]
150872 [12611374] [2026-06-15T07:15:10.556] [MAC_UL_SCH][t:548426197872][rg_sch_tom_tml_lvl2.c:1758][DBG][CORE-6]rgSCHLvl2TomTmlFillRptInfoFrmHq: rnti[17018] time[379 7] alphaScaling[0] betaOffset
150873 [12611375] [2026-06-15T07:15:10.556] [MAC_UL_SCH][t:548553345904][rg_sch_gen_sch.c:2200][DBG][CORE-4]rgSCHGenSchULISchedK2 success: ueid[17018] genSchId[0] numK2[2] k2Idx[0] k2[7] numULPdchP
150874 [12611376] [2026-06-15T07:15:10.556] [YS_DL][t:548426197872][rg_sch_tom_tml_lvl2.c:2725][DBG][CORE-6]rgSCHLvl2TomTmlFillUciRecpReq: rnti[17018] pucchTime[379 7] uciBtm[2] muxBitMap[0]
150875 [12611377] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][rg_sch_rsrc_mgr.c:350][DBG][CORE-4]rgSCHRsrcUllAlloc2AndPdch, curTime[379:4] pdccchTime[379:10] idx[70] ueid[17018] hqId[10]
150876 [12611378] [2026-06-15T07:15:10.556] [MAC_UL_SCH][t:548553345904][rg_sch_selector.c:507][DBG][CORE-4]rgSCHSelectorSelctUEs: UL Scheduled: UEID[17018] cellTime[379 4] hqP[0x7db5c5a5a0] procI
150877 [12611379] [2026-06-15T07:15:10.556] [MAC_UL_SCH][t:548553345904][rg_sch_selector.c:4987][WRN][CORE-4]rgSCHSelectorSelctUEs: ul select fail crntiTime[379 4] ue[17018] ulmactvMask[0] drxULActv
150878 [12611380] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][rg_sch_gen_sch.c:1292][DBG][CORE-4]rgSCHGenSchULReAlloc: UL Try to Schd UEID[17018] cellId[1] cellTime[379 4] selCellBwpInfo[0]
150879 [12611381] [2026-06-15T07:15:10.556] [MAC_DL_SCH][t:548426197872][rg_sch_tom_tml_lvl2.c:2253][DBG][CORE-6]rgSCHLvl2TomTmlFillHqRecpInfo: rnti[17018] pucchTime[379 7] harqBitLen[1] uciOnPn
150880 [12611382] [2026-06-15T07:15:10.556] [MAC_UL_SCH][t:548553345904][rg_sch_rsrc_mgr.c:3817][DBG][CORE-4]rgSCHRsrcUllAllocCwTxRb: ueid[17018] phrFlag[0] crcFailureCnt_phr[0] iMcs[25] estNumPrb[
150881 [12611383] [2026-06-15T07:15:10.556] [MAC_UL_SCH][t:548553345904][rg_sch_rsrc_mgr.c:3817][DBG][CORE-4]rgSCHRsrcUllAllocCwTxRb: ueid[17018] retx[0] effBer[3] ueid[17018] puschrsrcIdx[0] b
150882 [12611384] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][rg_sch_pusch_mgr.c:886][DBG][CORE-4]rgSCHCmnlRbAllocForUe: cellId[1] procId[10] retx[0] ueid[17018] puschrsrcIdx[0] b
150883 [12611385] [2026-06-15T07:15:10.556] [MAC_UL_SCH][t:548553345904][rg_sch_rsrc_mgr.c:3952][DBG][CORE-4]rgSCHRsrcUllAllocCwTxRb: type1 ue[17018] crntiTime[379,17] tbsSz[317] iMcs
150884 [12611386] [2026-06-15T07:15:10.556] [MAC_UL_SCH][t:548553345904][rg_sch_rsrc_mgr.c:4015][DBG][CORE-4]rgSCHRsrcUllAllocCwTxRb: crntiTime[379 4] ue[17018] ulBo[3] rbReq[4]
150885 [12611387] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][rg_sch_gen_sch.c:1769][DBG][CORE-4]rgSCHGenSchULNewTx: cellId[1] SUCCESSFUL SCHED UE 17018 rbsReq 4, crntiTime 379:4, pdccch 379:10
150886 [12611388] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][rg_sch_selector.c:5603][DBG][CORE-4]rgSCHSelectorUllAllocSuccessFnlz: cellId[1] CellTime[379:4] ueid:17018 isSRcvd:1
150887 [12611389] [2026-06-15T07:15:10.556] [MAC_UL_PWR][t:548553345904][rg_sch_pwr_cntrl.c:474][INF][CORE-4]rgSCHPwrCntrlPushTpcForUe_NEW: ueid[17018] isacc[1] meas_snr[33] target_snr[30] tpc[1]
150888 [12611390] [2026-06-15T07:15:10.556] [MAC_UL_PWR][t:548553345904][rg_sch_cm_lvl1.c:5941][INF][CORE-4]rgSCHLvl1CmnlRcordUeAlloc: ueid[17018] harqId[10] tpc[1]
150889 [12611391] [2026-06-15T07:15:10.556] [MAC_COMM][t:548553345904][rg_sch_gen_sch.c:2307][DBG][CORE-4]rgSCHGenSchULFnlz: ueid[17018] procId[10] ueIdx[0] isReAllocSuc[1] isRetx[0] pdccchTime[37
150890 [12611392] [2026-06-15T07:15:10.556] [MAC_COMM][t:548553345904][rg_sch_tom_lvl1.c:913][TRC][CORE-4]rgSCHLvl1TomTmlInd: crntiTime[379 4] fundiff[53] d0[5] d1[0] d2[1] d3[0] d4[1] d5[14] d6[1] c
150891 [12611393] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][rg_sch_lvl1.c:618][INF][CORE-4]DBG_CELLID[1] Dged Sf Recp in SCH: ueid 17018
150892 [12611394] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][rg_sch_lvl1.c:618][INF][CORE-4]DBG_CELLID[1] Dged Sf Recp in SCH: ueid 17017
150893 [12611395] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][cmn_gue_hdl.c:452][DBG][CORE-4]UEID[17020] CellId[1] HashList is Empty, gUe is not exist
150894 [12611396] [2026-06-15T07:15:10.556] [YS_DL][t:548553345904][rg_sch_lvl1.c:411][ERR][CORE-4]Received MSG3 with CRNTI[17020], Unable to find ueCb, cellId[1]
150895 [12611397] [2026-06-15T07:15:10.557] [MAC_UL_SCH][t:548553345904][rg_sch_selector.c:5026][DBG][CORE-4]rgSCHSelectorUllSelectUe: start UL pre sch ulSbsSchNum[0] isUeUllActv[1]

```

Normal text file length: 41,307,353 lines: 190,671 Ln: 150,865 Col: 122 Sel: 5 | 1 Windows (CR LF) UTF-8 INS

基站收到msg3，但是msg3包含之前的crnti，基站已释放

#2 - 2026-06-15 17:18 - 葛奇思

- 指派给从 葛奇思 变更为 刘播雨

#3 - 2026-06-15 18:15 - 李常

- 状态从 新建 变更为 进行中

#4 - 2026-06-16 09:48 - 刘播雨

【问题描述】：由于STE的原有代码在RRC触发随机接入，MAC收到RRC的事件WN_RRC_MAC_RACH_CFG_E后，未将ueCb->macCb->rachCb->rachTrigCond条件赋值WN_RACH_RRC_IDLE_E，导致一直按照之前SR达到最大次数后触发的随机接入流程进行随机接入，而此时基站已经将此UE的上下文删除，导致基站一直未回复msg4，出现随机接入失败；

【问题解决方案】：在RRC触发初始随机接入，MAC收到WN_RRC_MAC_RACH_CFG_E后，将ueCb->macCb->rachCb->rachTrigCond条件赋值WN_RACH_RRC_IDLE_E，在随机接入成功后将此ueCb->macCb->rachCb->rachTrigCond条件置位赋值WN_RACH_COND_INVALID_E；

#5 - 2026-06-16 09:57 - 刘播雨

- 状态从 进行中 变更为 审视

- 指派给从 刘播雨 变更为 李常

【20260516】：初步验证在SR达到最大次数触随机接入后，再次由RRC触发初始随机接入后，能够按照初始随机接入流程来处理；修改已合入到分支3 65-rrc-state-switch-case中
f79834f720f57b64236c71f4007cc3e00671d1e

文件

img_v3_0212m_25153c86-5239-4de7-81b0-aa14170dd3d3.jpg	561 KB	2026-06-15	葛奇思
img_v3_0212m_6b7fd63b-eff4-41f9-88b5-10be7e1359fg.jpg	1.69 MB	2026-06-15	葛奇思