

B5G_UE - 错误 #5250

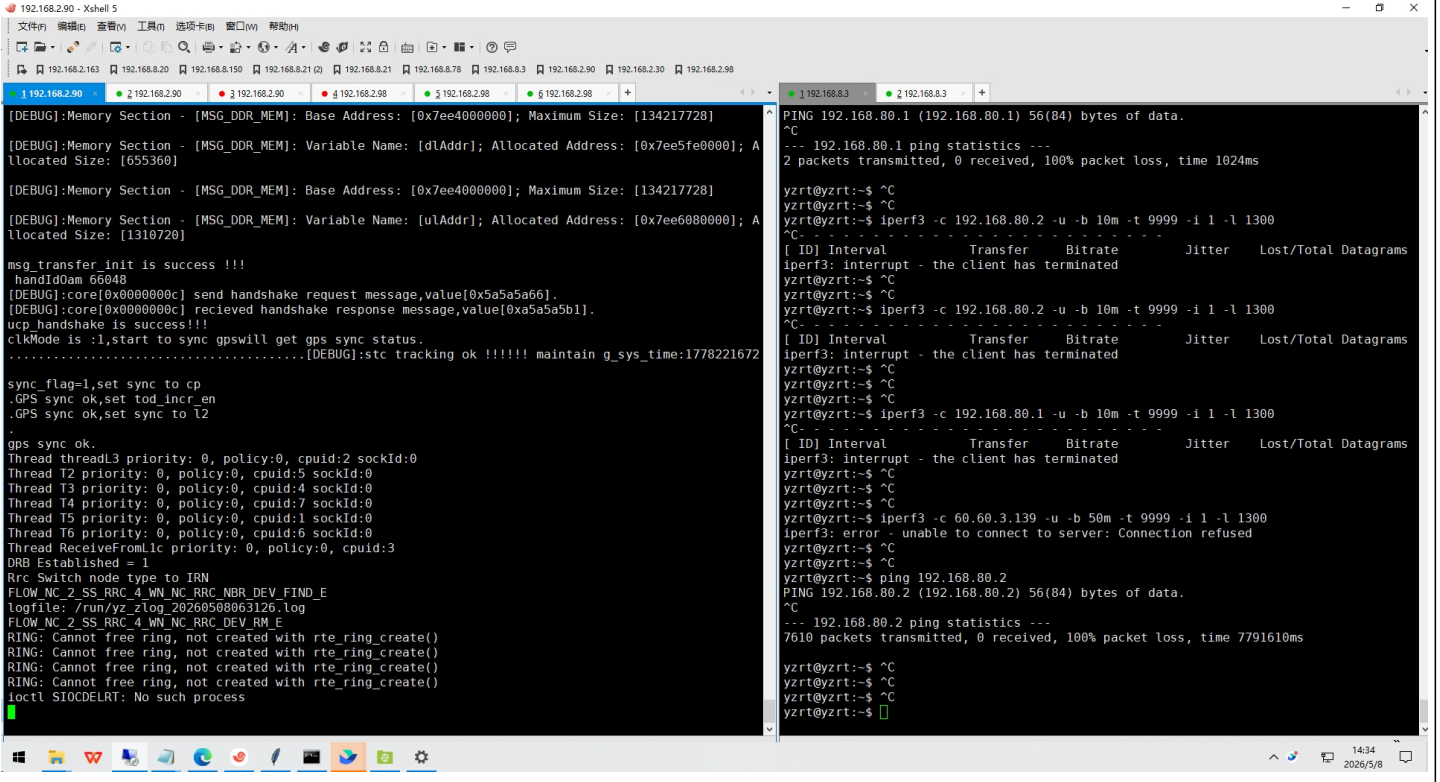
【B5g_ue】V0.0.1_T07__Alpha21uu+dd半脱网,接入一段时间后, DD终端被释放

2026-05-08 15:51 - 周磊

状态:	转测试	开始日期:	2026-05-08
优先级:	高	计划完成日期:	
指派给:	周磊	% 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

【B5g_ue】V0.0.1_T07__Alpha21,接入一段时间后, 98被释放
测试环境: 基站30+UU终端90+DD终端98
问题描述: V0.0.1_T07__Alpha21,接入一段时间后, 98被释放



历史记录

#1 - 2026-05-08 16:06 - 周磊

- 主题从【B5g_ue】V0.0.1_T07__Alpha21,接入一段时间后, 98被释放 变更为【B5g_ue】V0.0.1_T07__Alpha21uu+dd半脱网,接入一段时间后, DD终端被释放

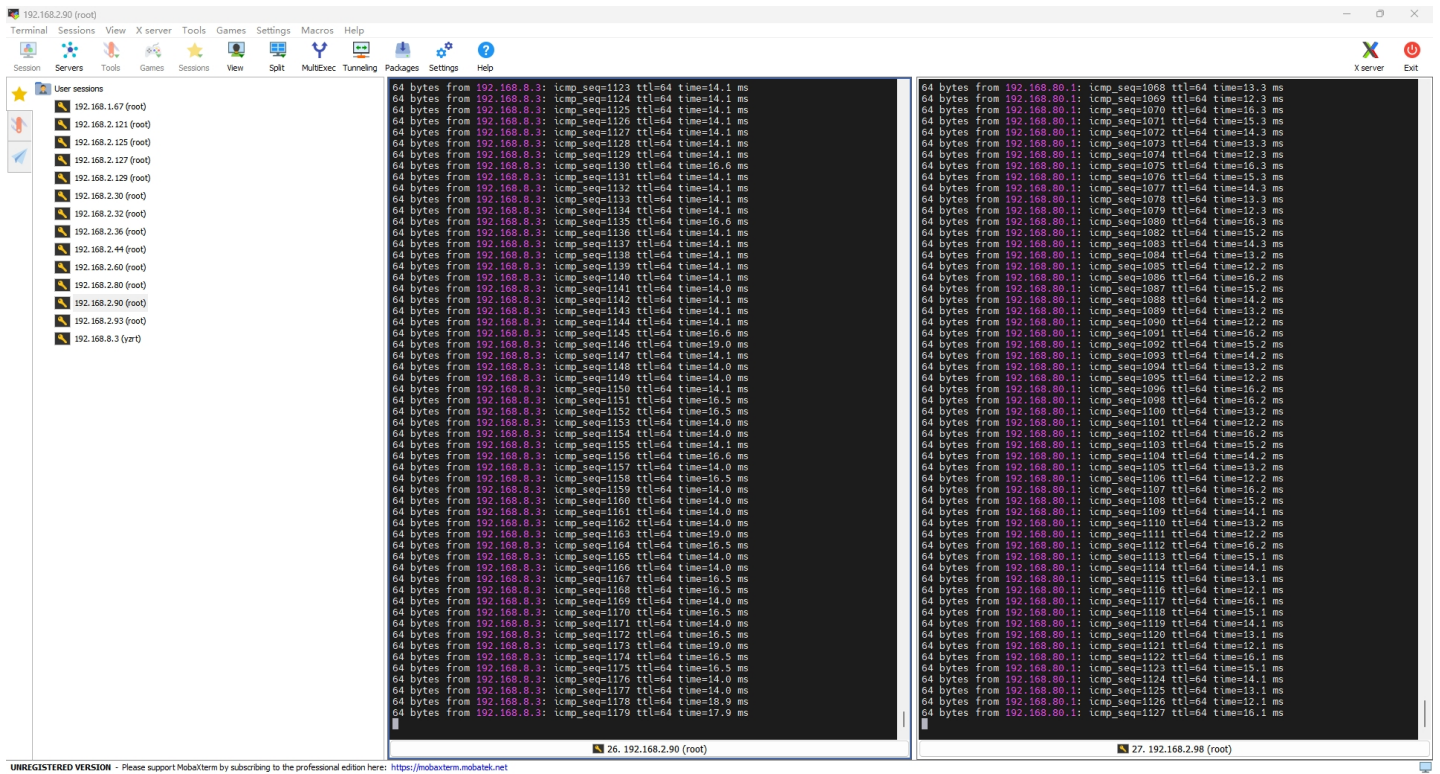
#2 - 2026-05-08 16:10 - 葛奇思

- 状态从新建 变更为 进行中

目前测试, uu+dd半脱网, DD设备列表改为2后, 90ping基站, 98ping90
15分钟未释放文件:///C:/Users/win/AppData/Roaming/LarkShell/sdk_storage/f8b504701526fbfd814e1b9a57d6f/resources/images/img_v3_0211g_56a39cf5-7dc4-4d43-9f63-409ee4595dag.jpg

#3 - 2026-05-08 16:14 - 葛奇思

- 文件20260324-122157.jpg 已添加



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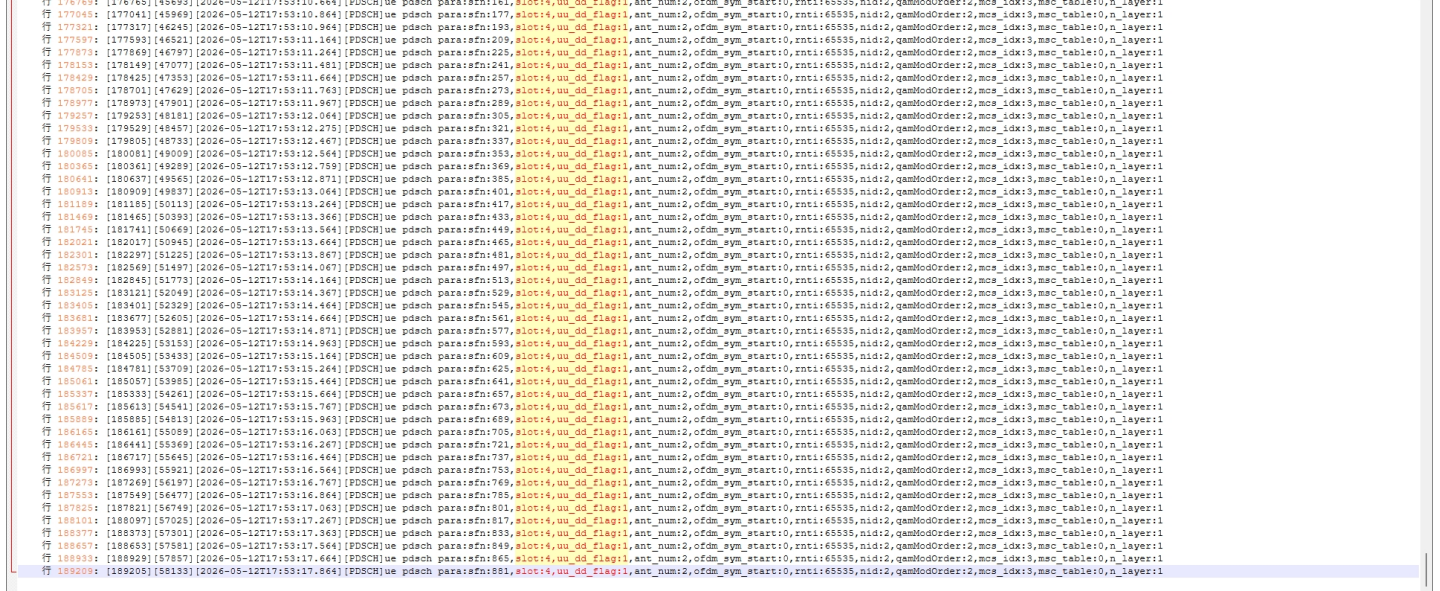
#4 - 2026-05-09 15:39 - 葛奇思

后续周漏测试各种情况下均有可能出现, 但是未能稳定复现, 继续测试中

#5 - 2026-05-12 18:09 - 葛奇思

- 文件 已添加
- 文件 已添加
- 文件 已添加

目前观察 PDC/PDC 在灌包过程中会出现完全收不到 SIB1 的现象, 如下图, sfn81 后完全收不到 SIB1



观察fapi消息, 收FAPU_UE_MSG_TYPE_MEASURE_REQ消息滞后, 出现异常

行 70532:	[111977][46441][2026-05-12T17:53:16.460]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:737, cur_slot:5
行 70576:	[114620][50083][2026-05-12T17:53:16.600]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:753, cur_slot:4
行 77161:	[119260][53724][2026-05-12T17:53:16.760]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:769, cur_slot:4
行 81273:	[122917][57381][2026-05-12T17:53:16.860]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:785, cur_slot:4
行 84992:	[124536][61000][2026-05-12T17:53:17.059]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:801, cur_slot:4
行 85356:	[130179][64463][2026-05-12T17:53:17.259]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:817, cur_slot:4
行 90194:	[133828][27561][2026-05-12T17:53:17.359]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:833, cur_slot:4
行 98444:	[137488][61461][2026-05-12T17:53:17.560]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:849, cur_slot:4
行 99493:	[141137][10065][2026-05-12T17:53:17.660]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:865, cur_slot:4
行 105338:	[144779][13707][2026-05-12T17:53:17.860]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:881, cur_slot:4
行 106821:	[148461][17393][2026-05-12T17:53:18.060]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:897, cur_slot:11
行 110468:	[152109][21037][2026-05-12T17:53:18.159]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:913, cur_slot:9
行 114098:	[155742][24670][2026-05-12T17:53:18.360]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:929, cur_slot:9
行 117740:	[159384][28312][2026-05-12T17:53:18.460]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:945, cur_slot:9
行 121400:	[163049][31977][2026-05-12T17:53:18.660]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:961, cur_slot:9
行 125041:	[166685][35613][2026-05-12T17:53:18.860]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:977, cur_slot:8
行 128680:	[170324][39252][2026-05-12T17:53:18.960]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:993, cur_slot:9
行 132322:	[173966][42894][2026-05-12T17:53:19.159]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:1009, cur_slot:9
行 135969:	[177613][46541][2026-05-12T17:53:19.259]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:1, cur_slot:9
行 139630:	[181283][50211][2026-05-12T17:53:19.456]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:17, cur_slot:9
行 143297:	[184901][53929][2026-05-12T17:53:19.656]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:33, cur_slot:9
行 145038:	[186682][57610][2026-05-12T17:53:19.756]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:49, cur_slot:9
行 147720:	[189364][61292][2026-05-12T17:53:19.956]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:65, cur_slot:8
行 150428:	[192069][64997][2026-05-12T17:53:20.056]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:81, cur_slot:9
行 153098:	[194742][68703][2026-05-12T17:53:20.256]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:97, cur_slot:9
行 155804:	[197449][72411][2026-05-12T17:53:20.456]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:113, cur_slot:12
行 158464:	[200138][76120][2026-05-12T17:53:20.656]	[COMMON] FAPI UE MSG TYPE MEASURE_REQ	sfm:129, cur_slot:8

观察协议栈log，协议栈打印准时发此消息

Line 237168:	[2026-05-12 09:53:14.755935][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [577][3]
Line 238456:	[2026-05-12 09:53:14.915950][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [593][3]
Line 239755:	[2026-05-12 09:53:15.075950][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [609][3]
Line 241050:	[2026-05-12 09:53:15.235949][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [625][3]
Line 242343:	[2026-05-12 09:53:15.395951][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [641][3]
Line 243632:	[2026-05-12 09:53:15.555953][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [657][3]
Line 244934:	[2026-05-12 09:53:15.715949][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [673][3]
Line 246213:	[2026-05-12 09:53:15.875951][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [689][3]
Line 247506:	[2026-05-12 09:53:16.035941][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [705][3]
Line 248794:	[2026-05-12 09:53:16.195941][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [721][3]
Line 250085:	[2026-05-12 09:53:16.355941][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [737][3]
Line 251380:	[2026-05-12 09:53:16.515940][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [753][3]
Line 252674:	[2026-05-12 09:53:16.675941][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [769][3]
Line 253980:	[2026-05-12 09:53:16.835940][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [785][3]
Line 255262:	[2026-05-12 09:53:16.995938][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [801][3]
Line 256556:	[2026-05-12 09:53:17.155939][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [817][3]
Line 257850:	[2026-05-12 09:53:17.315937][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [833][3]
Line 259150:	[2026-05-12 09:53:17.475938][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [849][3]
Line 260441:	[2026-05-12 09:53:17.635937][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [865][3]
Line 261730:	[2026-05-12 09:53:17.795937][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [881][3]
Line 263011:	[2026-05-12 09:53:17.955935][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [897][3]
Line 264305:	[2026-05-12 09:53:18.115935][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [913][3]
Line 265590:	[2026-05-12 09:53:18.275936][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [929][3]
Line 266875:	[2026-05-12 09:53:18.435932][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [945][3]
Line 268164:	[2026-05-12 09:53:18.595934][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [961][3]
Line 269449:	[2026-05-12 09:53:18.755935][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [977][3]
Line 270723:	[2026-05-12 09:53:18.915930][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [993][3]
Line 272005:	[2026-05-12 09:53:19.075930][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [1009][3]
Line 273300:	[2026-05-12 09:53:19.235932][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [117][3]
Line 274366:	[2026-05-12 09:53:19.395930][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [133][3]
Line 274832:	[2026-05-12 09:53:19.555937][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [133][3]
Line 275281:	[2026-05-12 09:53:19.715928][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [149][3]
Line 275734:	[2026-05-12 09:53:19.875927][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [165][3]
Line 276194:	[2026-05-12 09:53:20.035924][DEBUG]	src/12/clms/csrc/ys_fapi_task.c+537	ysDlm_FAPI_FillDlCellMsg FAPI_msg,U[0xc4],send dlMeas SFN and SLOT [181][3]

怀疑协议栈与物理层之前消息出现堵塞

#6 - 2026-05-14 09:05 - 李常

- 优先级从一般变更至高

#7 - 2026-05-19 15:12 - 葛奇思

- 指派给从葛奇思变更为刘播雨

#8 - 2026-05-19 16:03 - 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

【问题分析】：20260518：定位5250问题，由于IRN模式下，UU口的PUSCH 0x35消息与DD口的FAPI消息不同的线程触发，导致在消息触发到消息发送完成后插入了其它消息的发送过程，导致了PHY在获取消息时出现了问题，之前分析可能是DD口的测量请求消息与PUSCH消息并发，导致了测量请求消息接收延迟，测量报告没收到，所以出现了DD释放的情况。由于0x35消息发送时间较长，通过T6线程发送到UPLANE，其它的DD和UU消息在切换到DD模式后，使用slot ind接收线程进行排队发送，避免消息之间在发送期间出现交互。小葛验证了2次，超过了30分钟没有出现DD释放的问题。

aca23516a4a50349c5921f8a8b77de46f9156ae8

#9 - 2026-05-19 16:14 - 李常

根因找到。

并通过两种方案（1）采用当终端切换到DD模式后，将IRN和OCUE的FAPI消息放到一个线程里去发送（仍在C_plane上发），（2）U-plane方案。都验证通过，最后采用了方案2，效率上更合理。计划在下一个版本中发布。

#10 - 2026-05-20 18:49 - 李常

- 状态从审视变更为转测试

- 指派给从李常变更为周磊

已经发布在V0.0.1_T07_Alpha23版本中，请研测验证。

文件

20260508-154953.jpg

883 KB

2026-05-08

周磊

20260324-122157.jpg	1.07 MB	2026-05-08	葛奇思
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img_v3_0211k_4ca9a855-e001-4b63-a8ad-e627e13e779g.jpg	944 KB	2026-05-12	葛奇思