

B5G_UE - 错误 #5592

DD口稳定性测试，射频直连情况下反复调整衰减信号，2个终端同时出现core dump

2026-07-28 12:29 - 王松

状态:	审视	开始日期:	2026-07-28
优先级:	高	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 终端版本：协议栈主分支最新版本 环境：UE1和UE3 射频直连场景，固衰 70dB+可调衰减； 问题描述：UE1和UE3上电建立DD口业务，进行双向60Mbps的灌包，然后反复调整衰减信号，2个终端同时出现core dump 研发分析： (gdb) bt #0 rte_atomic16_read (v=<optimized out>) at /root/ueapp-deps-arm/dpdk-c-build/dpdk-stable-20.02.1/arm64-armv8a-linux-gcc/include/rte_mbuf.h:1407 #1 rte_mbuf_refcnt_read (m=<optimized out>) at /root/ueapp-deps-arm/dpdk-c-build/dpdk-stable-20.02.1/arm64-armv8a-linux-gcc/include/rte_mbuf.h:368 #2 rte_pktmbuf_prefree_seg (m=<optimized out>) at /root/ueapp-deps-arm/dpdk-c-build/dpdk-stable-20.02.1/arm64-armv8a-linux-gcc/include/rte_mbuf.h:1335 #3 rte_pktmbuf_free_seg (m=<optimized out>) at /root/ueapp-deps-arm/dpdk-c-build/dpdk-stable-20.02.1/arm64-armv8a-linux-gcc/include/rte_mbuf.h:1385 #4 rte_pktmbuf_free (m=0xffe0000) at /root/ueapp-deps-arm/dpdk-c-build/dpdk-stable-20.02.1/arm64-armv8a-linux-gcc/include/rte_mbuf.h:1408 #5 ngPktFree (p=<optimized out>) at fwk/ngPkt/csrc/wn5gNrPsNgPktApi.c:759 #6 0x000000000a23e80 in wnRlcDiscrdPkts (rlcCb=rlcCb@entry=0x180191400, rlcEntId=rlcEntId@entry=4 '\004') at src/l2/rlc/csrc/wn5gNrUePsRlcInit.c:510 #7 0x000000000a26418 in wnRlcRlsSomeEnt (rlcCb=rlcCb@entry=0x180191400, rlcEntId=<optimized out>) at src/l2/rlc/csrc/wn5gNrUePsRlcInit.c:810 #8 0x000000000a26868 in wnRlcEntRel (rlcCb=0x180191400, relInfo=relInfo@entry=0x7f8c027560) at src/l2/rlc/csrc/wn5gNrUePsRlcInit.c:922 #9 0x000000000a29a28 in wnSchUeHRlcTx Cp (rlcCb=<optimized out>) at src/l2/rlc/csrc/wn5gNrUePsHRlcTx.c:491 #10 0x000000000a3bc60 in wnSchT3PolIcPMsgs (pdcpRlcCb=<optimized out>) at src/l2/pdcp/csrc/wn5gNrUePsUPdcpTx.c:139 #11 0x00000000083dcf0 in T3 (ueCb=0x3f963460) at src/ueapp/csrc/wn5gNrUePsUeApp.c:2699 #12 0x000000000dbca458 in eal_thread_loop () #13 0x00000007fbf3297e4 in start_thread (arg=0x7ff6c52bbf) at pthread_create.c:486 #14 0x00000007fbf1af70c in thread_start () at ../sysdeps/unix/sysv/linux/aarch64/clone.S:78 (gdb) i locals No locals. (gdb) f 6 #6 0x000000000a23e80 in wnRlcDiscrdPkts (rlcCb=rlcCb@entry=0x180191400, rlcEntId=rlcEntId@entry=4 '\004') at src/l2/rlc/csrc/wn5gNrUePsRlcInit.c:510 510 src/l2/rlc/csrc/wn5gNrUePsRlcInit.c: No such file or directory. (gdb) i locals index = <optimized out> FUNCTION = "wnRlcDiscrdPkts" (gdb)			

历史记录

#1 - 2026-07-28 12:34 - 王松

- 文件反复调整信号coredump.jpg 已添加

#2 - 2026-07-28 15:31 - 李常

- 状态从新建变更为进行中

#3 - 2026-07-31 17:33 - 李常

- 优先级从一般变更为高

#4 - 2026-08-03 09:27 - 王艳芳

【问题原因】RLC释放过程中触发，认为原因：1) RLC的操作线程之间有冲突，增加保护代码；2) 增加RLC释放状态判定，避免错误释放或重复释放

触发的CRASH
【测试结果】自测及研发测试暂未复现

#5 - 2026-08-03 11:09 - 王 艳芳
- 状态从 进行中 变更为 审视
- 指派给从 王 艳芳 变更为 李 常

请整机复测及研发测试复测

文件

反复调整信号coredump.jpg	2.09 MB	2026-07-28	王 松
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