

基站横联 - 错误 #3583

PDS 上报L2 DL_TB_ind 只能上报成功一次

2025-06-23 10:08 - 高峰

状态:	已解决	开始日期:	2025-06-23
优先级:	高	计划完成日期:	
指派给:	赵强	% 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 - 2025-06-25 17:28 - 赵强
- 文件 20250625-172250.jpg 已添加
- 文件 屏幕截图 2025-06-25 172756.png 已添加
- 状态 从 新建 变更为 已解决

```
root@driver:~# test_mem 0xa4eb160 512
addr = 0xa4eb160, len = 512
phy_addr=0xa4eb160, mmap_addr=0xa4eb000, len = 512
0x0a4eb160: 0x00002222 0x00004bd8 0x00003333 0x00004bd8
0x0a4eb170: 0x00000000 0x00000000 0x00004444 0x00004bd8
0x0a4eb180: 0x00005555 0x00004bd8 0x00005566 0x00004bd8
0x0a4eb190: 0x00006666 0x00004bd8 0x00000000 0x00000000
0x0a4eb1a0: 0x00007777 0x00004bd8 0x00008888 0x00004bd8
0x0a4eb1b0: 0x0002bb6c 0x000105d9 0x00000000 0x00000000
0x0a4eb1c0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb1d0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb1e0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb1f0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb200: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb210: 0xabcd5678 0x0005ed21 0x0005ed21 0x00000000
0x0a4eb220: 0x00000122 0x00000000 0x00000000 0x00000000
0x0a4eb230: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb240: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb250: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb260: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb270: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb280: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb290: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb2a0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb2b0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb2c0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb2d0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb2e0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb2f0: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb300: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb310: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb320: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb330: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb340: 0x00000000 0x00000000 0x00000000 0x00000000
0x0a4eb350: 0x00000000 0x00000000 0x00000000 0x00000000
osp_dislay_phy_mem return ok!
root@driver:~# test_mem 0xa4eb160 512
addr = 0xa4eb160, len = 512
phy_addr=0xa4eb160, mmap_addr=0xa4eb000, len = 512
0x0a4eb160: 0x00002222 0x00004cff 0x00003333 0x00004cff
0x0a4eb170: 0x00000000 0x00000000 0x00004444 0x00004cff
0x0a4eb180: 0x00005555 0x00004cff 0x00005566 0x00004cff
0x0a4eb190: 0x00006666 0x00004cff 0x00000000 0x00000000
0x0a4eb1a0: 0x00007777 0x00004cff 0x00008888 0x00004cff
0x0a4eb1b0: 0x0002acfe 0x000105f9 0x00000000 0x00000000
0x0a4eb1c0: 0x00000000 0x00000000 0x00000000 0x00000000
```

```

else if(HL_DL_TB_IND==report_format)
{
    if(0==tb_crc[ue_index])
    {
        decode_data1lhdr_ptr=(L1MsgHdr_t*)g_cb_proc_dm_addr.bytebr_out_addr;
        decode_data1lhdr_ptr->msgNum+=1;
        decode_data1lhdr_ptr->cellIndex=g_phy_cell_cfg.cell_index;
        decode_data1lhdr_ptr->rev=0;

        decode_data1lgenrhdr_ptr=(L1GeneralMsgHdr_t*)(decode_data1lhdr_ptr+1);
        decode_data1lgenrhdr_ptr->msgId=FAPI_UE_DL_TB_IND;
        msg_length=addr_offset+sizeof(L1MsgHdr_t)+sizeof(L1GeneralMsgHdr_t);
        decode_data1lgenrhdr_ptr->msgSize=msg_length;

        Ue_dl_tb_ind_t*hl_dl_tb_data=(Ue_dl_tb_ind_t*)(decode_data1lgenrhdr_ptr+1);

        hl_dl_tb_data->seqNum=FAPI_UE_DL_TB_IND;...//序号: 横联用HL_DL_TB_IND模式上报
        hl_dl_tb_data->SFN=sfn;
        hl_dl_tb_data->Slot=slot;
        hl_dl_tb_data->rntiType=0xFF;...//横联不使用这个字段, 打桩写死成0xFF
        hl_dl_tb_data->rnti=ue_info_ptr->rnti;
        hl_dl_tb_data->deviceId=0xFF;...//横联不使用这个字段, 打桩写死成0xFF
        hl_dl_tb_data->RI=1;...//RNAK指示, 暂时先写死成1
        hl_dl_tb_data->taValue=ue_info_ptr->TA;...//TA测量值(单位样点值), 暂时先写死成0
        hl_dl_tb_data->RSSI=ue_info_ptr->RSSI;...//RSSI测量值(0xFFFF表示饱和), 暂时先写死成0
        hl_dl_tb_data->RSRP=ue_info_ptr->RSRP;...//RSSP测量值, 暂时先写死成0
        hl_dl_tb_data->SINR=ue_info_ptr->SINR;...//SINR测量值, 暂时先写死成0
        hl_dl_tb_data->pdschTbSize=msg_length+sizeof(Ue_dl_tb_ind_t);

        osp_phy_msg_send(g_phy_cell_cfg.handle_id,C_PLANE,(char*)decode_data1lhdr_ptr,addr_offset);

        LOG_INFO_S("send hl_dl_tb: %d to Mac, ueType:%d pdschTbSize:%d rnti:%d\n",msg_length,ueType,hl_dl_tb_data->pdschTbSize,hl_dl
        LOG_INFO_S("RI[%d] taValue[%d] RSSI[%d] RSRP[%d] SINR[%d]\n",hl_dl_tb_data->RI,hl_dl_tb_data->taValue,hl_dl_tb_data->RSSI,hl_c

        STORE_EX_B(&phyDlRx->sPdschRxStruct[0].crcState,CRC_SUCCESS);

        TRACE(SM5_DEOFDM_DEBUG_ADDR+0x280,-74,-0x8888);
        TRACE(SM5_DEOFDM_DEBUG_ADDR+0x280,-75,TRACE_R(SM5_DEOFDM_DEBUG_ADDR+0x280,-75)+1);
    }...end if 0==tb_crc[ue_index]...
    else
    {
        LOG_INFO_S("hl_dl_tb_crc_error,state:%d\n",ueState);
        STORE_EX_B(&phyDlRx->sPdschRxStruct[0].crcState,CRC_FAILURE);
    }
}...end if HL_DL_TB_IND==report_...

```

添加trace, phy已经将数据报给协议栈

#2 - 2025-06-26 17:15 - 赵强

- 文件 222222222222.png 已添加

- 文件 phy2maWireshark抓数.png 已添加

54dl_indicate.pcapng

文件(F) 编辑(E) 视图(V) 跳转(G) 捕获(C) 分析(A) 统计(S) 电话(Y) 无线(W) 工具(T) 帮助(H)

sl_msg_id == 54

No.	Time	Source	Destination	Protocol	Length	Info
8938...	204.570952	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8938...	204.591308	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8939...	204.601443	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8939...	204.611196	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8940...	204.621905	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8940...	204.631211	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8941...	204.641557	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8941...	204.651402	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8942...	204.671175	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8942...	204.681553	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8943...	204.691499	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind
8943...	204.701669	192.168.2.40	192.168.79.226	CETC_SL	319	UE_DL_TB_Ind

> Frame 894298: 319 bytes on wire (2552 bits), 319 captured (packet size: 319)
> Ethernet II, Src: NewH3CTe_00:ea:92 (88:2a:5e:00:ea:92), Dst: 88:2a:5e:00:ea:92
> Internet Protocol Version 4, Src: 192.168.2.40, Dst: 192.168.79.226
> User Datagram Protocol, Src Port: 40001, Dst Port: 40001
 > SL Protocol:SL_5G_Phy_Api
 > MSG: UE_DL_TB_Ind(54)
 > MsgLength: 269
 > ue_dl_tb_ind:
 > Sequence Number: 54
 > SFN: 420
 > Slot: 10
 > RNTI Type: 255
 > RNTI: 65535
 > Device ID: 255
 > RI: 1
 > TA Value: 31
 > RSSI: 1192
 > RSRP: 95
 > SINR: 201
 > PDSCH TB Size: 233

0000 c8 4d 44 21 a2 8d 88 2a 5e 00 ea 92 08 00 45 00 .MD!...* ^.....E.
0010 01 31 a9 4f 00 00 fc 11 41 11 c0 a8 02 28 c0 a8 .1 0.... A.... (..
0020 4f e2 9c 41 27 0f 01 1d 00 00 36 00 00 00 0d 01 0..A'.... ..6....
0030 00 00 36 00 00 00 a4 01 00 00 0a 00 00 00 ff 00 ..6.....
0040 00 00 ff ff ff 00 01 00 00 00 00 00 00 a8 04
0050 5f c9 e9 00 00 00 2b 0f 7e 00 00 f8 40 00 00 00+...~...@...
0060 00 00 00 00 00 00 00 3f 3f 3f 3f 3f 3f 3f 3f ?????.
0070 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
0080 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
0090 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
00a0 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
00b0 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
00c0 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
00d0 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
00e0 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
00f0 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
0100 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
0110 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
0120 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.
0130 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f 3f ?????.

MSG_ID (sl_msg_id), 4 byte(s) || 分组: 2176653 · 已显示: 40319 (1.9%) · 已丢弃: 0 (0.0%) || 配置: Default

文件

20250625-172250.jpg	384 KB	2025-06-25	赵强
屏幕截图 2025-06-25 172756.png	76.5 KB	2025-06-25	赵强
22222222222222222222.png	128 KB	2025-06-26	赵强
phy2maWireshark抓数.png	128 KB	2025-06-26	赵强