

B5G_UE - 功能 #4220

CP_drv - PHY动态buffer修改

2025-10-10 10:18 - 白 瑞朋

状态:	已解决	开始日期:	2025-10-10
优先级:	一般	计划完成日期:	
指派给:	白 瑞朋	% 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			
【特性描述】			
1. UU+DD合一版本，PHY上行发送buffer地址从CP_drv动态获取，不再写死；			
2. PHY修改涉及到上行发送模块PRACH/PUCCH/PUSCH；			

历史记录

#1 - 2025-10-10 10:28 - 白 瑞朋

- 状态从新建变更为进行中

【问题进展】

Uu测试，可以ping包30分钟以上；

【版本提交】

分支：on_board_debug_buffer_mod

节点：ecd144e6c41da0f10f697ee371f6d5eb91ca7594

#2 - 2025-10-10 10:29 - 白 瑞朋

下一步：

1.PHY和CP_drv合入bugfix分支，再进行Uu口ping包测试；

#3 - 2025-10-11 11:51 - 白 瑞朋

- 文件ping包30分钟.jpg 已添加

【测试结果】

连续ping包可以到30分钟以上。

```
64 bytes from 192.168.8.3: icmp_seq=1946 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1947 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1948 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1949 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1950 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1951 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1952 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1953 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1954 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1955 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1956 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1957 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1958 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1959 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1960 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1961 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1962 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1963 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1964 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1965 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1966 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1967 ttl=64 time=16.1 ms
64 bytes from 192.168.8.3: icmp_seq=1968 ttl=64 time=16.0 ms
```

#4 - 2025-10-11 17:28 - 白瑞朋

- 文件 ping 包50分钟.jpg 已添加

【测试结果】

连续ping包可以到50分钟以上。

```
64 bytes from 192.168.8.3: icmp_seq=2988 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2989 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2990 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2991 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2992 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2993 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2994 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2995 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2996 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2997 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=2998 ttl=64 time=20.2 ms
64 bytes from 192.168.8.3: icmp_seq=2999 ttl=64 time=25.1 ms
64 bytes from 192.168.8.3: icmp_seq=3000 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3001 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3002 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3003 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3004 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3005 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3006 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3007 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3008 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3009 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3010 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3011 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3012 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3013 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3014 ttl=64 time=20.1 ms
64 bytes from 192.168.8.3: icmp_seq=3015 ttl=64 time=20.1 ms
```

#5 - 2025-10-11 18:09 - 白瑞朋

- 文件ping包37分钟.jpg 已添加

【测试结果】
连续ping包可以到37分钟。

```
64 bytes from 192.168.8.3: icmp_seq=2180 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2181 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2182 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2183 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2184 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2185 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2186 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2187 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2188 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2189 ttl=64 time=18.0 ms
64 bytes from 192.168.8.3: icmp_seq=2190 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2191 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2192 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2193 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2194 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2195 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2196 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2197 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2198 ttl=64 time=18.1 ms
64 bytes from 192.168.8.3: icmp_seq=2199 ttl=64 time=18.1 ms
```

#6 - 2025-10-13 17:19 - 白瑞朋
- 状态从进行中 变更为 已解决

【版本提交】
分支：bugfixed_20250926
节点：a0267fe631f32faacf66e05cb593886e64f40eb3

#7 - 2025-10-13 17:23 - 白瑞朋
- 文件stUeTxAddr.jpg 已添加

修改点：
1. 增加接口UE_Read_Tx_Buf_Addr()函数
2. CP_drv增加buffer和结构体，SM5_TX_BUF_ADDR，stUeTxAddr

```
57 typedef struct
58 {
59     ...uint8_t valid;
60     ...uint8_t rsv[3];
61     ...uint32_t sBaseAddr;
62     ...uint32_t uEvenBaseAddr;
63     ...uint32_t uOddBaseAddr;
64     ...uint32_t slaveEvenBaseAddr;
65     ...uint32_t slaveOddBaseAddr;
66 }stUeTxAddr_t;
67
```

3. L1C清buffer对应修改，调用接口函数获取动态地址；
4. PRACH/PUCCH/PUSCH对应修改；

文件

ping包30分钟.jpg	272 KB	2025-10-11	白瑞朋
ping包50分钟.jpg	333 KB	2025-10-11	白瑞朋
ping包37分钟.jpg	234 KB	2025-10-11	白瑞朋
stUeTxAddr.jpg	36.8 KB	2025-10-13	白瑞朋