### OsmoPCU - Bug #4524

**Assert failed ws >= RLC_GPRS_SNS/2 src/rlc.cpp:255**

05/02/2020 02:51 AM - keith

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>keith</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
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<tr>
<td>Target version:</td>
<td></td>
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<td>Spec Reference:</td>
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#### Description

PCU in **EGRPS mode** is crashing within 10 to 20 seconds on a BTS with many UE.

The log leading up to this generally looks like:

```
<0008> ../../git/src/tbf.cpp:996 Allocating UL TBF: MS_CLASS=12/12
<0008> ../../git/src/tbf.cpp:1012 TBF(TFI=0 TLLI=0x00000000 DIR=UL STATE=NULL EGPRS) Enabled EGPRS , mode EGPRS
<0002> ../../git/src/gprs_rlcmac_ts_alloc.cpp:749 No USF available
<0002> ../../git/src/gprs_rlcmac_ts_alloc.cpp:396 [UL] algo A <single> (suggested TRX: 0): failed to allocate a TS, no USF available
<000a> ../../git/src/tbf_ul.cpp:606 TBF(TFI=0 TLLI=0x00000000 DIR=UL STATE=NULL EGPRS) setting EGPRS UL window size to 0, base(64) slots(0) ws_pdch(0)
```

Assert failed ws >= RLC_GPRS_SNS/2 ../../git/src/rlc.cpp:255
backtrace() returned 0 addresses
Signal 6 received.

#### History

**#1 - 05/08/2020 11:56 AM - pespin**
- Status changed from New to Feedback
- Assignee set to keith
- % Done changed from 0 to 90

Try this one and check if it fixes the issue:
https://gerrit.osmocom.org/c/osmo-pcu/+/18115 tbf: Avoid crash: don't set TBF window size if setup failed

**#2 - 05/09/2020 01:45 AM - keith**

As expected, it fixed this issue :)

**#3 - 05/09/2020 01:46 AM - keith**
- Due date set to 05/09/2020

**#4 - 05/09/2020 03:54 PM - keith**
- Status changed from Feedback to Closed
- % Done changed from 90 to 100

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