

OsmoPCU - Feature #2408

allow disabling of "preemptive blind retransmissions"

07/29/2017 12:20 PM - laforge

Status:	Resolved	Start date:	07/29/2017
Priority:	Low	Due date:	
Assignee:	osmith	% Done:	100%
Category:			
Target version:			
Spec Reference:			

Description

OsmoPCU already starts to re-transmit downlink blocks before the MS has had a chance to receive them and/or send the related acknowledgement in uplink.

While this is possible as per spec, and it is not a performance degradation *as long as we have nothing else to send in downlink*, it can be quite confusing when analyzing traces. In traces, one is primarily interested in actual protocol-level re-transmissions and not in the "preemptive blind retransmissions" that OsmoPCU generates.

So it would be good to be able to make this feature optional. This way one could disable those retransmissions, and all retransmissions observed in protocol traces would be (only) those triggered by the RLC/MAC protocol.

History

#1 - 10/11/2017 01:18 AM - laforge

- Assignee changed from laforge to msuraev

#2 - 03/01/2018 11:17 PM - laforge

- Assignee deleted (msuraev)

#3 - 03/03/2018 09:45 PM - laforge

- Assignee set to sysmocom

#4 - 09/05/2019 11:33 AM - osmith

- Status changed from New to In Progress

- Assignee changed from sysmocom to osmith

#5 - 09/05/2019 01:47 PM - osmith

- % Done changed from 0 to 90

Patch submitted: <https://gerrit.osmocom.org/c/osmo-pcu/+/-15423>

#6 - 09/11/2019 06:16 AM - osmith

- Status changed from In Progress to Resolved

- % Done changed from 90 to 100