

## OsmoPCU - Feature #1546

### closed loop uplink power control

02/23/2016 03:04 PM - laforge

<b>Status:</b>	New	<b>Start date:</b>	02/23/2016
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	lynxis	<b>% Done:</b>	0%
<b>Category:</b>			
<b>Target version:</b>			
<b>Spec Reference:</b>			

#### Description

OsmoPCU currently only implements open loop power control, where the uplink power is based on the signal loss in the downlink direction with the assumption that uplink loss equals downlink loss.

GPRS optionally specifies closed loop power control, which works more like what we know from circuit-switched GSM. To make things complicated, it can even be a combination of open loop and closed loop.

Whatever we do in this area is an optimization problem and we'd need a good test/simulation case in order to benchmark any changes in the implementation.

#### History

#1 - 08/17/2017 06:49 AM - laforge

#2 - 10/02/2018 03:47 PM - laforge

#3 - 12/13/2018 08:13 AM - laforge

#4 - 04/18/2019 02:38 PM - laforge

- Assignee set to lynxis

- Priority changed from Normal to High