

OsmoPCU - Feature #1531

Use the burst timing information to compute the timing advance

02/22/2016 09:05 PM - zecke

Status: Closed	Start date: 02/22/2016
Priority: Low	Due date:
Assignee: laforge	% Done: 100%
Category:	
Target version:	
Spec Reference:	
Description <p>**Currently the timing advance is obtained from RACH request meta data and from which is passed from the BTS or from packet measurement reports (UL control block). The measParam.i16BurstTiming value contained in ph_data or ph_ra messages (obtained from the DSP) is more or less ignored. In handle_ph_ra_ind, an acc_delay is computed (burstTiming/4), but the result is ignored.</p> <p>This might be an issue if the MS is moved during a longer data transfer, especially if DL TBFs are kept open to avoid RACH requests.</p>	
Related issues: Related to OsmoPCU - Feature #1526: Acquire/update timing advance (TA) Stalled 02/22/2016	

History

#1 - 07/13/2016 08:46 AM - msuraev

- Related to Feature #1526: Acquire/update timing advance (TA) added

#2 - 07/14/2016 01:49 PM - msuraev

#3 - 07/17/2016 01:45 PM - msuraev

- Status changed from New to In Progress

- % Done changed from 0 to 20

Fix submitted for review in gerrit #544.

#4 - 07/28/2016 02:38 PM - msuraev

- Status changed from In Progress to Stalled

#5 - 10/19/2016 10:30 AM - msuraev

- Status changed from Stalled to Resolved

- Assignee changed from msuraev to laforge

- % Done changed from 20 to 100

The fix has been merged to master. Note: ideally it should be tested using RF channel emulator to properly introduce delay for UL/DL communication with MS.

#6 - 10/27/2016 08:57 AM - laforge

- Status changed from Resolved to Closed