

OsmoBTS - Bug #1744

1-way voice between sysmobts and nanobts if DTX is enabled

06/03/2016 04:23 PM - msuraev

Status: New	Start date: 06/03/2016
Priority: Low	Due date:
Assignee:	% Done: 0%
Category:	
Target version:	
Spec Reference:	
Description	
Not sure if it's osmobts or openbsc to blame but in following setup there's 1-way audio: ms1 <-> sysmobts <-> openbsc <-> nanobts <-> ms2 The audio ms2 -> ms1 can be heard (if -P option is used for openbsc than some stattering in voice is audible, not sure if it's a separate issue) but the audio ms1 -> ms2 is nonexistent. In some test 1-2 words could be heard before audio is gone. Switching phones change nothing. OpenBSC is configured for full-rate channels with AMR codec in the attached .pcap although the same effect could be observed with other codecs too.	
Related issues:	
Related to OsmoBTS - Feature #1562: Uplink DTX support	Closed 02/23/2016 06/10/2016

History

#1 - 06/03/2016 04:25 PM - msuraev

- File *rtp-sysmo-nano-amr-master1.pcapng.gz* added

In the attached .pcap 10.9.23.140 is nanobts, 10.9.1.191 is sysmobts and 10.9.1.105 is openbsc.

#2 - 06/03/2016 04:37 PM - msuraev

- File *rtp-sysmo-nano-amr-master-nodtx.pcapng.gz* added

- Subject changed from *1-way voice between sysmobts and nanobts* to *1-way voice between sysmobts and nanobts if DTX is enabled*

By mistake I've tested with dtx enabled. Attached file is test with disabled DTX and voice works fine in this case.

#3 - 06/03/2016 04:38 PM - msuraev

- File *rtp-amr-fr-dtx-sysmo+nano.pcapng.gz* added

#4 - 06/03/2016 04:39 PM - msuraev

- Assignee set to *msuraev*

#5 - 06/03/2016 04:39 PM - msuraev

- Related to *Feature #1562: Uplink DTX support* added

#6 - 06/13/2016 12:54 PM - laforge

- Assignee deleted (*msuraev*)

#7 - 07/18/2019 06:08 AM - laforge

- Priority changed from *Normal* to *Low*

Files

<i>rtp-sysmo-nano-amr-master1.pcapng.gz</i>	9.19 MB	06/03/2016	msuraev
<i>rtp-sysmo-nano-amr-master-nodtx.pcapng.gz</i>	3.85 MB	06/03/2016	msuraev

