

## Cellular Network Infrastructure - Feature #3628

### document nanoBTS calibration procedure using ipaccess-config tool

10/04/2018 11:13 AM - laforge

<b>Status:</b> New	<b>Start date:</b> 10/04/2018
<b>Priority:</b> Low	<b>Due date:</b>
<b>Assignee:</b> laforge	<b>% Done:</b> 0%
<b>Category:</b>	
<b>Target version:</b>	
<b>Spec Reference:</b>	
<b>Description</b>	
<p>The nanoBTS has the capability to OCXO calibration against another (macro) BTS. We had implemented this in ipaccess-config, but we apparently never documented how it works.</p> <p>Let's add it somewhere to the nanoBTS related wiki pages.</p> <p>Without trying, I remember that it was part of the "Tests" that can be triggered via OML.</p> <pre>static const struct value_string test_names[] = { ».....{ NM_IPACC_TESTNO_CHAN_USAGE, "Channel Usage" }, ».....{ NM_IPACC_TESTNO_BCCH_CHAN_USAGE, "BCCH Channel Usage" }, ».....{ NM_IPACC_TESTNO_FREQ_SYNC, "Frequency Synchronization" }, ».....{ NM_IPACC_TESTNO_BCCH_INFO, "BCCH Info" }, ».....{ NM_IPACC_TESTNO_TX_BEACON, "Transmit Beacon" }, ».....{ NM_IPACC_TESTNO_SYSINFO_MONITOR, "System Info Monitor" }, ».....{ NM_IPACC_TESTNO_BCCCH_MONITOR, "BCCH Monitor" }, }</pre> <p>I think you start with a CHAN_USAGE to see the receive level per ARFCN. You then proceed to a FREQ_SYNC to see which of those have a FCCH (and hence are BCCH/CCCH carrying).</p>	
<b>Related issues:</b>	
Related to OsmoGSMTester - Bug #3560: nanoBTS multiTRX tests in osmo-gsm-test...	<b>Stalled</b> <b>09/17/2018</b>

#### History

##### #1 - 10/04/2018 02:45 PM - pespin

- Related to Bug #3560: nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing added

##### #2 - 01/14/2019 03:36 PM - laforge

- Priority changed from Normal to Low