OsmocomBB - Feature #5815
mobile: compose Bearer Capability IE depending on PHY capabilities and GAPK codec support
12/06/2022 07:38 PM - fixeria

Status: New
Priority: Low
Assignee: OsmocomBB mobile (host)
Category: OsmocomBB mobile (host)
Target version: GAPK (GSM Audio Pocket Knife)
back-end integration
Resolution:
Spec Reference:

Description
This was originally proposed as a checklist item in #3400. The idea is to compose the Bearer Capability IE in Uplink (CC) Setup messages not only based on the VTY configuration (see below), but also based on the PHY capabilities (see #1461) and GAPK codec support (see #3400). The respective function mncc_set_bearer() can be found in https://cgit.osmocom.org/osmocom-bb/tree/src/host/layer23/src/mobile/mnccms.c.

Related issues:
- Related to OsmocomBB - Feature #3400: mobile: implement GAPK based audio capture / playback (via ALSA) added
- Related to OsmocomBB - Feature #1461: include some version information / negotiation in the L1CTL protocol added

History

#1 - 12/06/2022 07:38 PM - fixeria - Tracker changed from Bug to Feature

#2 - 12/06/2022 07:38 PM - fixeria - Related to Feature #3400: mobile: implement GAPK based audio capture / playback (via ALSA) added

#3 - 12/06/2022 07:39 PM - fixeria - Related to Feature #1461: include some version information / negotiation in the L1CTL protocol added

Start date: 12/06/2022
Due date:
% Done: 0%