

DTV Basic

Day 2



Ex. 1

The purpose of this exercise is to introduce with tuner component on the target platform. We will use platform with DVB-C tuner and appropriate chal port to support DVB-C tuner.

1. Implement tuner module initialization.
2. Implement tuner lock functionality on the frequency 482MHz and 490Mhz. Verify solution with dtvplayer_cli application.

```
tune -f 482
```

```
tune -f 490
```

3. Implement callback function to get information about tuner status. Callback function is needed to be registered before locking tuner to target frequency (e.g. check tda1_dmd module API).
Verify solution with dtvplayer_cli application. (e.g. command: "**tune**")
4. Implement tuner unlock functionality.
Verify solution with dtvplayer_cli application. (e.g. command: "**untune**")
5. Verify solution with multiple tune and untune calls.