

- <https://osmocom.org/projects/osmo-fl2k/wiki/Osmo-fl2k>

see also [rtl-sdr](#) for receiver part

```
dpavlin@nuc:~$ lsusb -d 1d5c:2000
Bus 003 Device 007: ID 1d5c:2000
```

```
dpavlin@nuc:~$ sudo fl2k_test -s 162e6
[sudo] password for dpavlin:
Using 6 zero-copy buffers
libusb: error [op_dev_mem_alloc] alloc dev mem failed errno 12
Failed to allocate zerocopy buffer for transfer 4
Reporting PPM error measurement every 10 seconds...
Press ^C after a few minutes.
real sample rate: 144376742 current PPM: -108786 cumulative PPM: -108786
real sample rate: 144270861 current PPM: -109439 cumulative PPM: -109125
real sample rate: 144227755 current PPM: -109705 cumulative PPM: -109323
^Csignal caught, exiting!
```