

## Software defined radio (SDR) hardware for LTE-based Research

At TKN we deployed a small testbed consisting of two USRP-SDRs (X310, 2x2 MIMO, Ettus Research) devices which are used for LTE-based research. We use the open-source LTE protocol stack srsLTE which can be easily modified and extended.

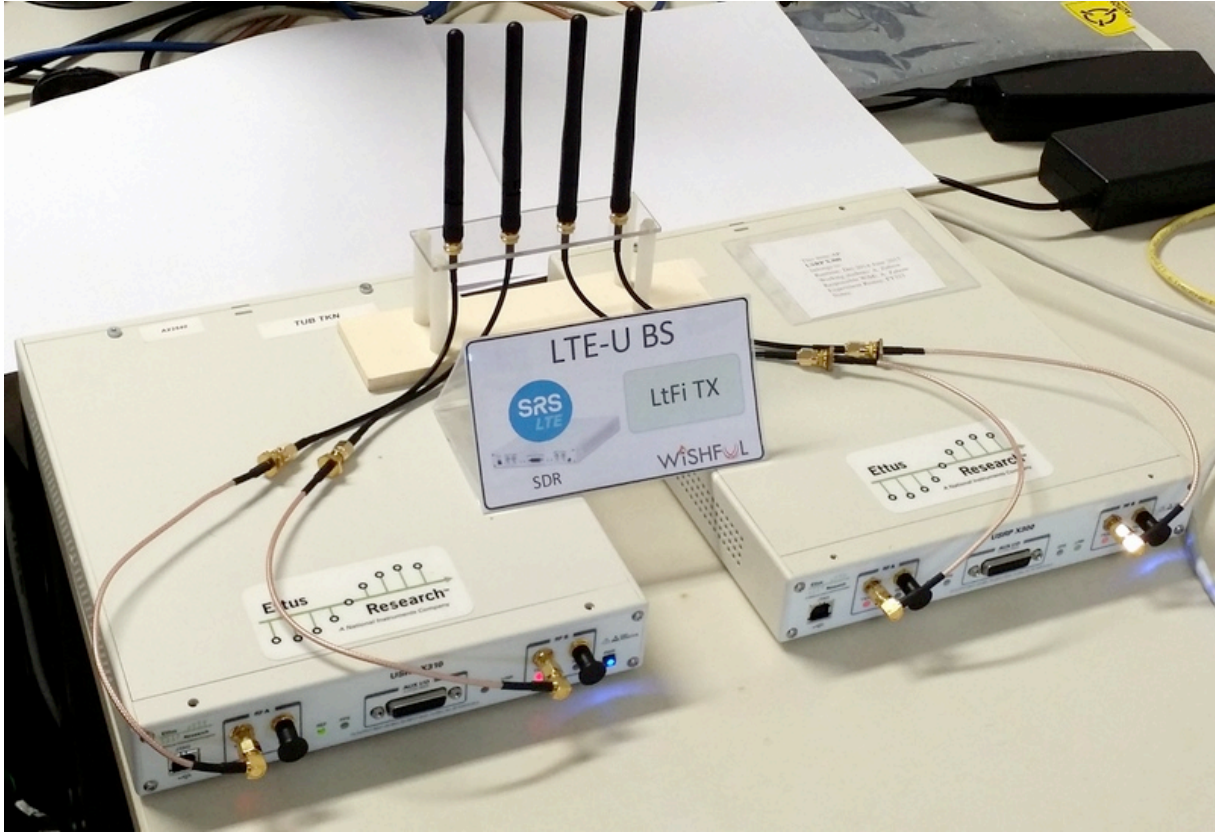


Figure 1. Two USRP X310 used to test LTE-MIMO.

### Links:

Ettus X310 SDR:

- <https://www.ettus.com/product/details/X310-KIT>

srsLTE stack:

- <https://github.com/srsLTE/srsLTE>