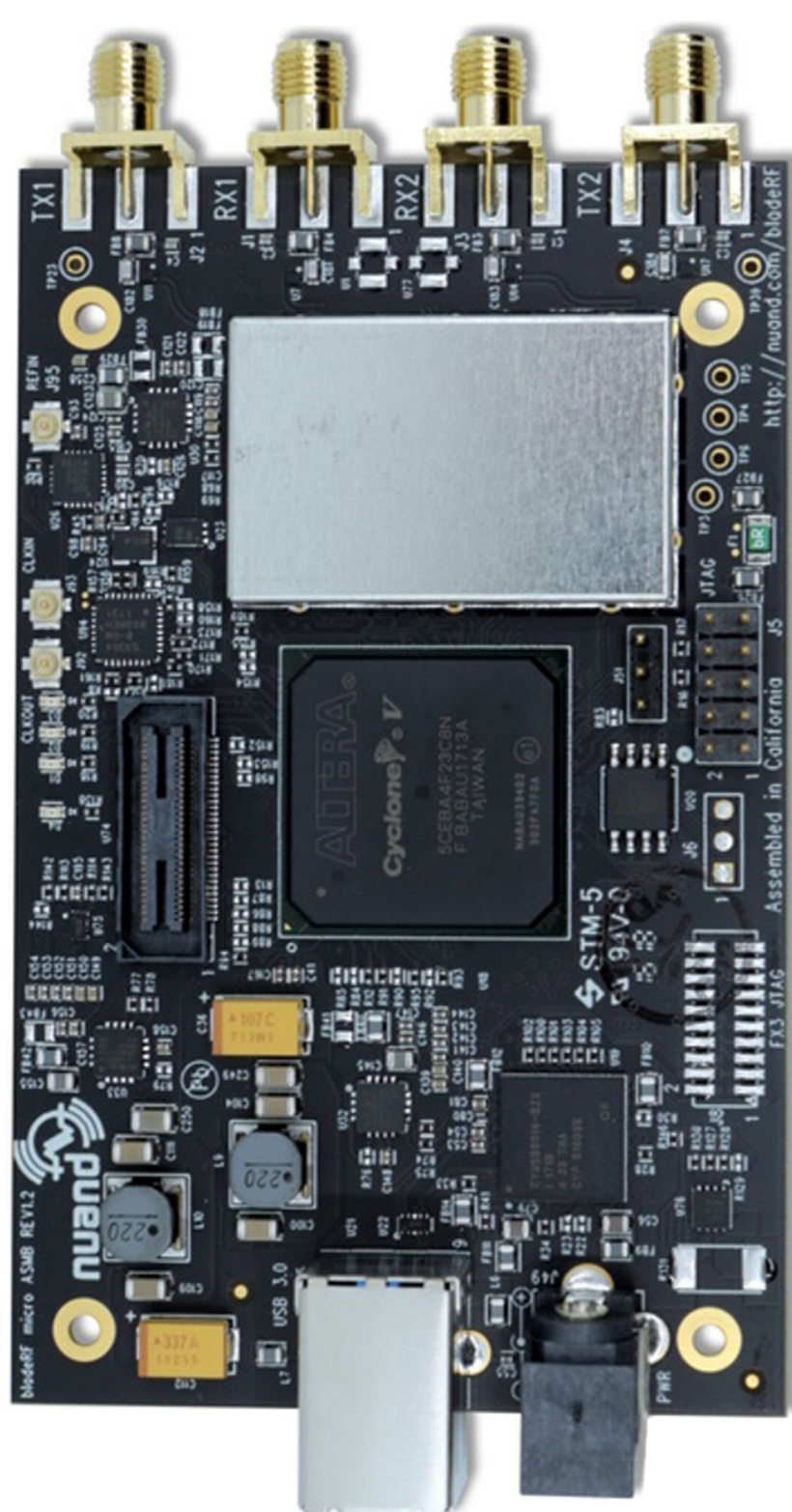


The LTE design made a tradeoff. There are messages from the base station, that are accepted even without security handshake. While these messages were supposed to increase availability of the network, they also create a security risk.

We can create a fake LTE base station. This station will present itself as a real one, and transmit these messages to the mobile phones that attempt to connect to it.

Using this method, this fake base station can do:

1. Targeted denial of service until the device restarts,
2. Force it to use insecure GSM network,
3. Capture the identity of SIM card (which can be used to attack privacy of the network)



**Easy interface,
single installer,
battery powered
compact size.
We keep it simple stupid.**