

# Cassiopeia CB410L Module Starter Kit



## Cassiopeia CB410L module - starter kit

This Starter Kit enables out-of-the-box testing of Sequans' Cassiopeia CB410L module connectivity on a CBRS network or testing equipment. It supports integration of the module with a host platform through a USB interface. Connect the Starter Kit to your laptop's USB port and begin your tests by using its rich set of AT commands.

## Getting started

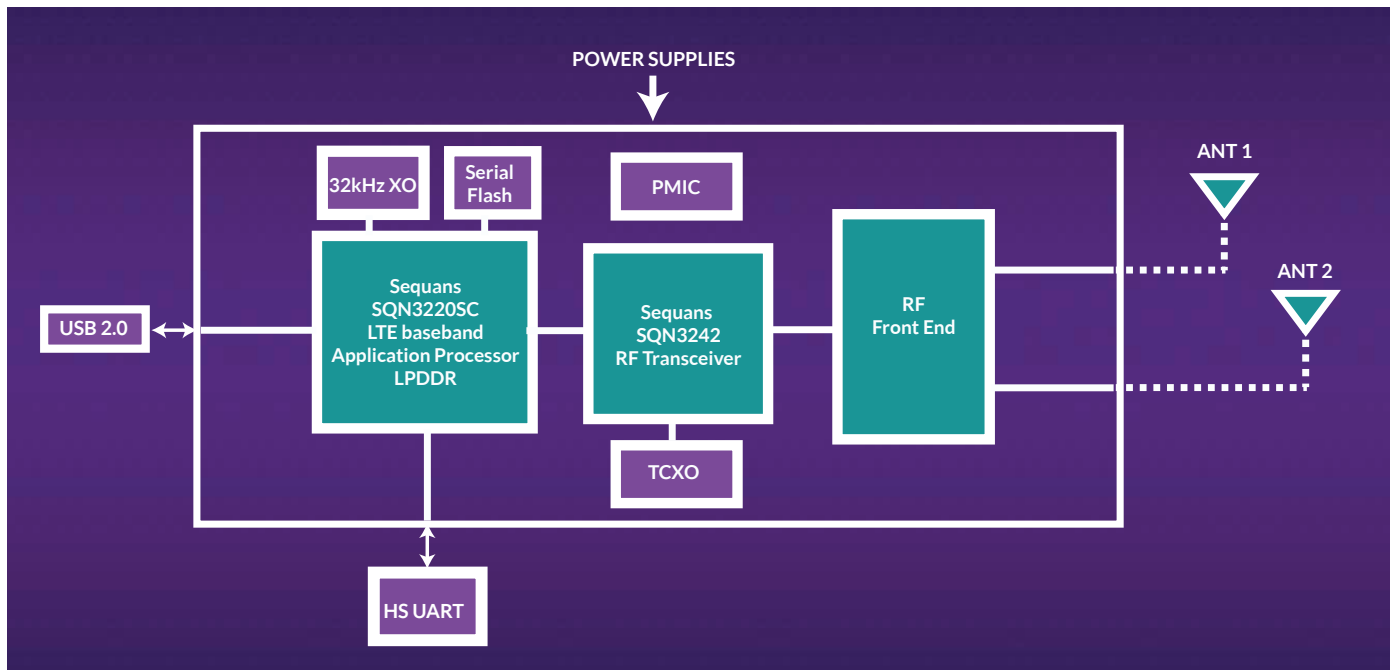
- ❖ Install Starter Kit driver using a laptop. Driver installer available here: [www.sequans.com/cb410l-stk](http://www.sequans.com/cb410l-stk)
- ❖ Screw the SMA antenna on to the Starter Kit with an SMA connector and insert a Micro SIM card (2FF) from your CBRS network provider into the SIM slot
- ❖ Connect the Starter Kit to your host through the USB interface using the provided male-male USB cable
- ❖ The Starter Kit will connect automatically to your LTE CBRS network
- ❖ Full Starter Kit documentation is available for download at [www.sequans.com/cb410l-stk](http://www.sequans.com/cb410l-stk)



## Content

- The Starter Kit hosting the CBRS module
- USB cable to connect to the host PC
- Two antennas

## CB410L module block diagram



## Module Characteristics

### LTE modem

- ❖ 3GPP Release 10
- ❖ Max TX power: +23dBm
- ❖ Rx diversity
- ❖ Power saving modes
- ❖ TDD LTE bands 42, 43, 48

### CB410L throughput

- ❖ UE Cat 4
- ❖ Downlink packet data service up to 100 Mbps
- ❖ Uplink packet data service up to 15 Mbps

### CBRS LGA module interfaces

- ❖ USB 2.0 (high-speed)
- ❖ HS-UART
- ❖ USIM

### Packaging

- ❖ 80 pin LCC, 32.0 x 29.0 mm

### Environmental

- ❖ Operating temperature -40 °C to +85 °C (extended range)
- ❖ RoHS compliant (lead-free)

