Cassiopeia CB610L Module Starter Kit



Cassiopeia CB610L module - starter kit

This Starter Kit enables out-of-the-box testing of Sequans' Cassiopeia CB610L 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/cb610l-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/cb610l-stk

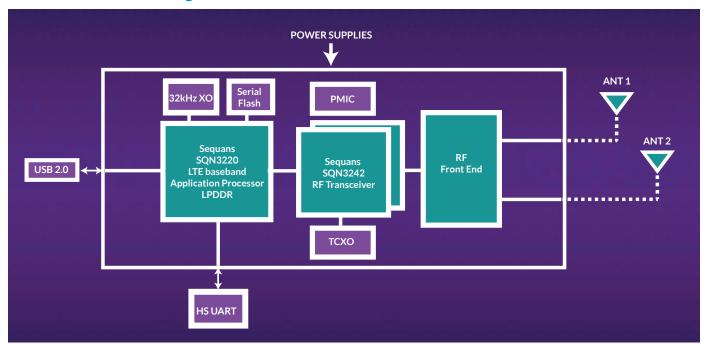


Content

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



CB610L module block diagram



Module Characteristics

LTE modem

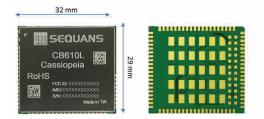
- **■** 3GPP Release 10
- ► Max TX power: +23dBm
- Rx diversity
- ▶ Power saving modes
- ► TDD LTE bands 42, 43, 48

CB610L throughput

- ▶ UE Cat 6
- Downlink packet data service up to 200Mbps
- Downlink 2-CC Carrier Aggregation
- 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)

