1oT

1oT eSIM TEST

Quectel EC25-E

Quectel EC25 is a series of LTE Cat 4 module optimized specially for M2M and IoT applications. The series includes 14 variants featuring different capabilities for many applications.

We have successfully tested Quectel EC25-EC and EC25-E, this test case is based on the last one.

Prerequisites

- Firmware version: EC25EFAR06A06M4G

Setting up the module with eSIM

We will walk you through the basic AT-commands to get the module connected to the network with support for Remote SIM Provisioning operations - Download profile, Enable profile, Disable profile, Delete profile.

It's important to note that while SIM ToolKit(STK) is needed for eSIM, Quectel devices need to have it disabled for automatic provisioning.

- AT+CGDCONT=1,"IP","Terminal.apn"   *Set up the APN to be used by the PDP context*

- AT+QCFG="bip/auth",1   *Enable BIP*

- AT+QIACT=1   *Activate PDP context*

NB! Make sure that SIM ToolKit(STK) is disabled, apply AT+QSTK=0 to disable it.