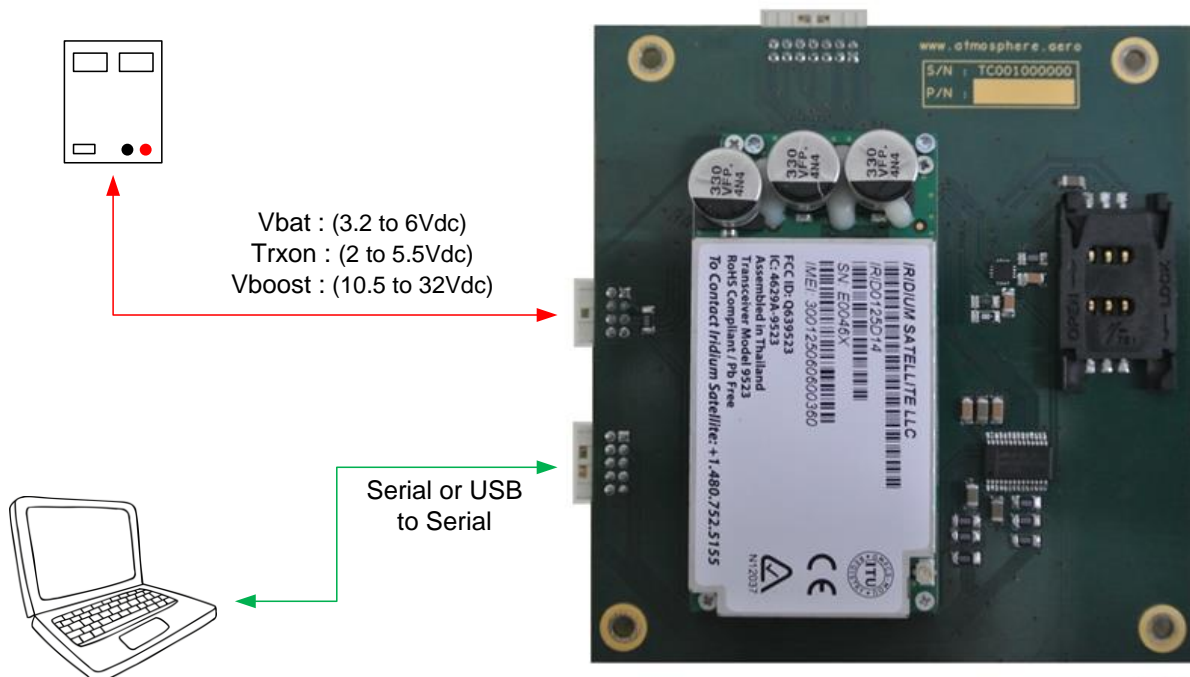



Quick Start Guide TC001 Board

Prerequisite :

- Sim card inserted and activated
- Modem Iridium plugged on the board
- Linux installed on your laptop
- Minicom installed on your laptop
- Iridium Antenna connected and positioned in a clear place to improve the signal

TC001 setup and configuration :



 Damage may be caused if TRX_ON is high and VBAT is not supplied

On your laptop, enter the following command : ***dmesg | grep tty***

```
root@TE00916050002:/home/planet# dmesg | grep tty
[ 0.000000] console [tty0] enabled
[ 27.135045] usb 2-1.1: FTDI USB Serial Device converter now attached to ttyUSB0
```

- **ttyUSB0 => Modem Iridium**
- Minicom configuration : ***minicom -s iridium***

```

+-----+
| A - Serial Device       : /dev/ttyUSB0
| B - Lockfile Location  : /var/lock
| C - Callin Program     :
| D - Callout Program    :
| E - Bps/Par/Bits       : 115200 8N1
| F - Hardware Flow Control : Yes
| G - Software Flow Control : No
|
| Change which setting? █
+-----+
| Screen and keyboard
| Save setup as iridium
| Save setup as..
| Exit
| Exit from Minicom
+-----+
  
```

- Exit

```

Welcome to minicom 2.7

OPTIONS: I18n
Compiled on Nov 15 2018, 20:18:47.
Port /dev/ttyUSB0, 11:38:17

Press CTRL-A Z for help on special keys

at
OK
at+cpin?
+CPIN:SIM PIN2

OK
at+csq
+CSQ:5

OK
atdt0088160000
CONNECT 115200

OK
ath0
OK
█
  
```

AT+CPIN? : SIM status and presence

AT+CSQ : Check signal quality

ATDT**** : Make a call