

Setting up HC-05 Bluetooth-Module for AKKON DRO

Tools

- USB to serial converter
- Terminal program e.g. Hyperterminal
- HC-05 Bluetooth-Module
- Power source for HC-05

Connect Io Pins Rx,Tx to RS232 interface (e.g. FT232 from FTI). Set VCC to +5V, GND and En-Input to 5 V.

Press Boot-Button and powerup board

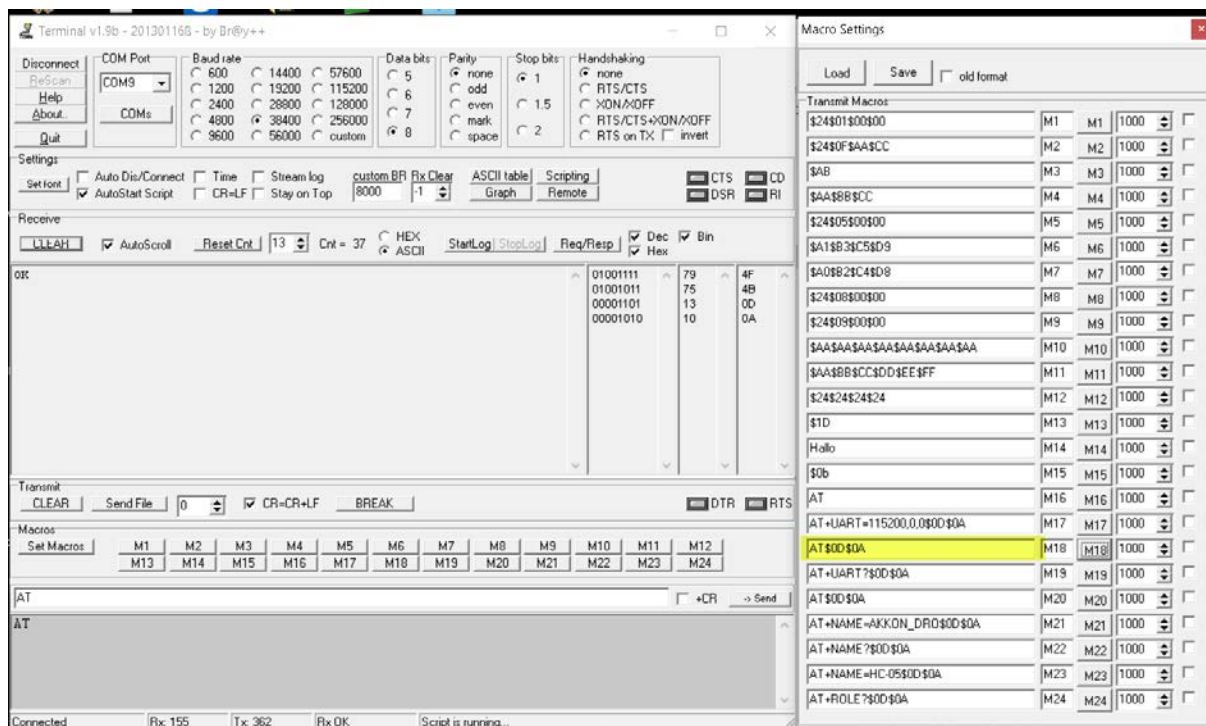
Start Terminal program using 38400 baud, no parity, 1 stop bit

Check connection to HC-05-Module

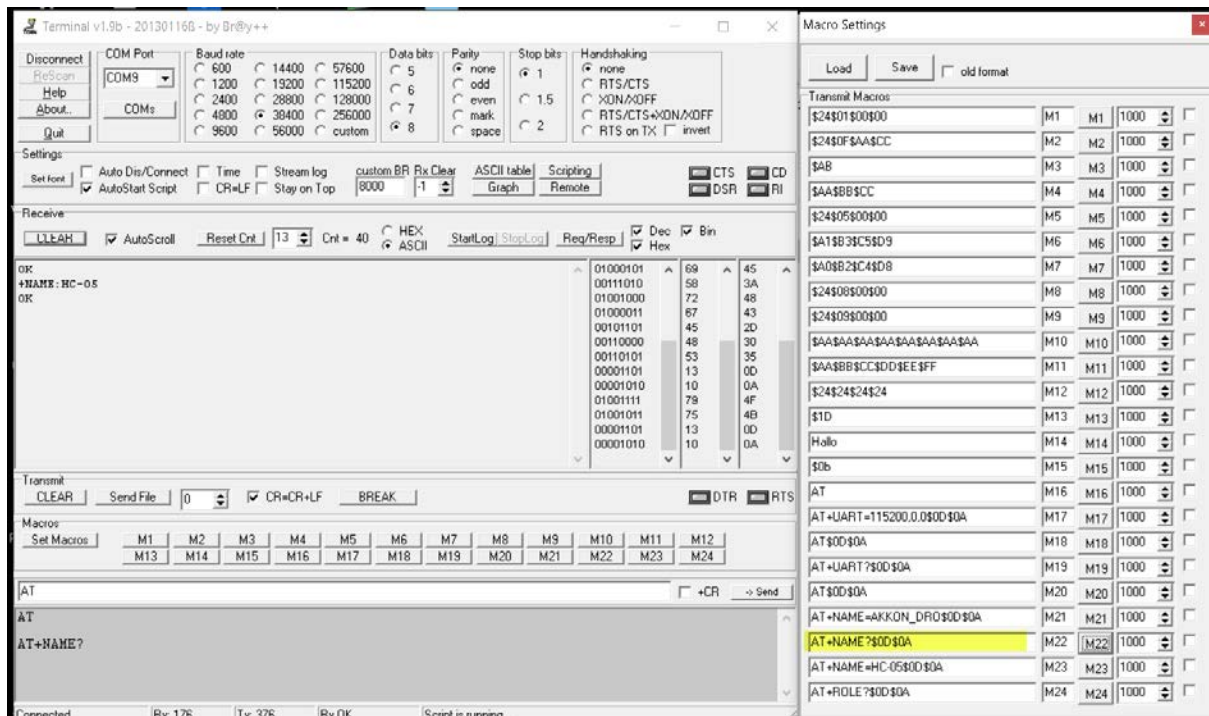
Enter Command AT

PC to HC-05: AT

HC-05 to PC: OK

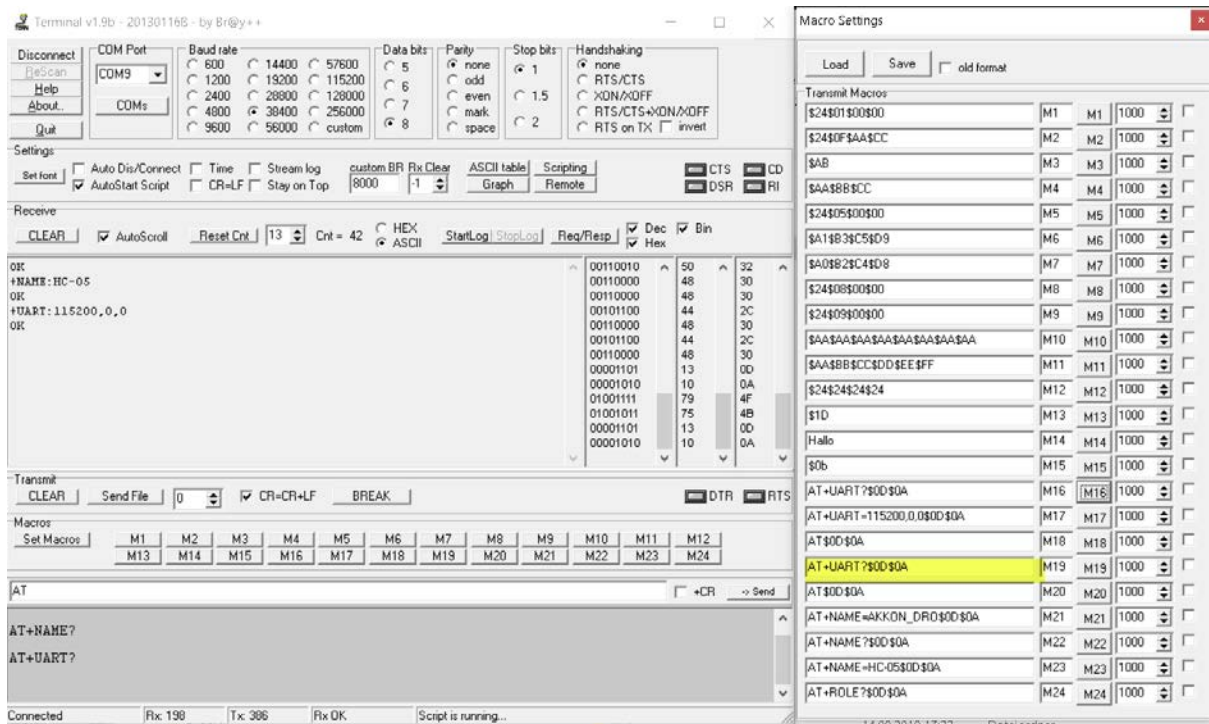


Get module name

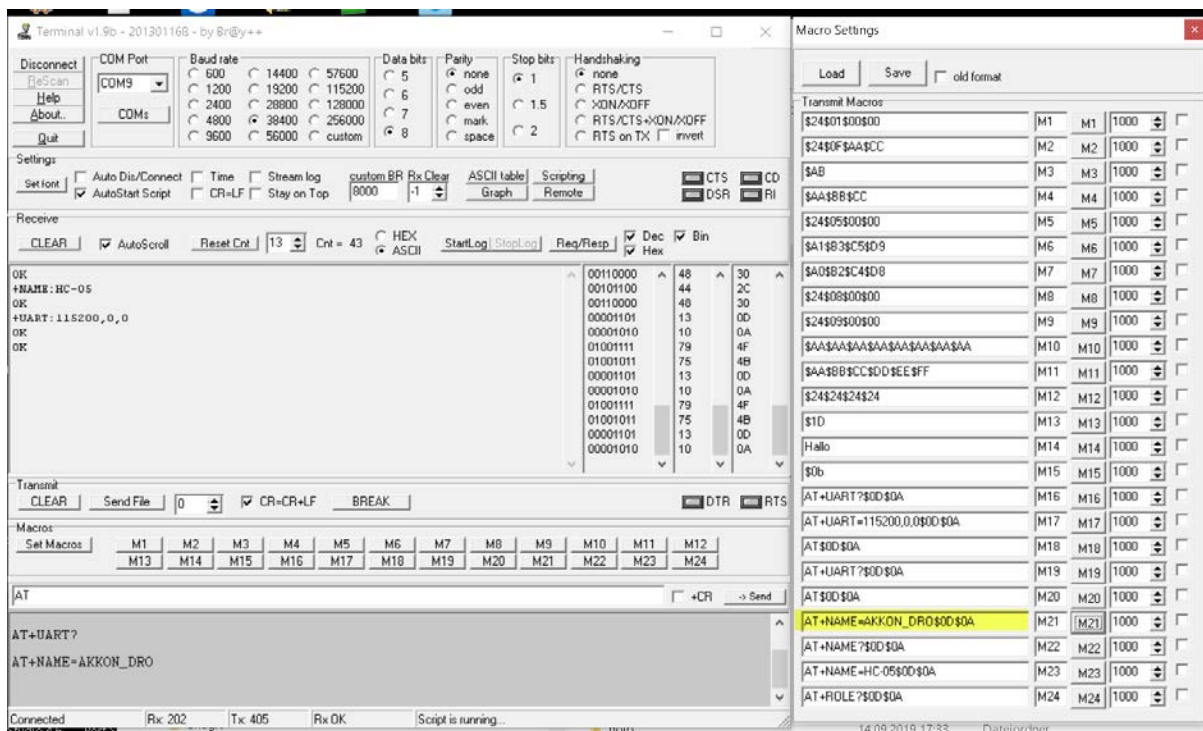


Get UART-Settings

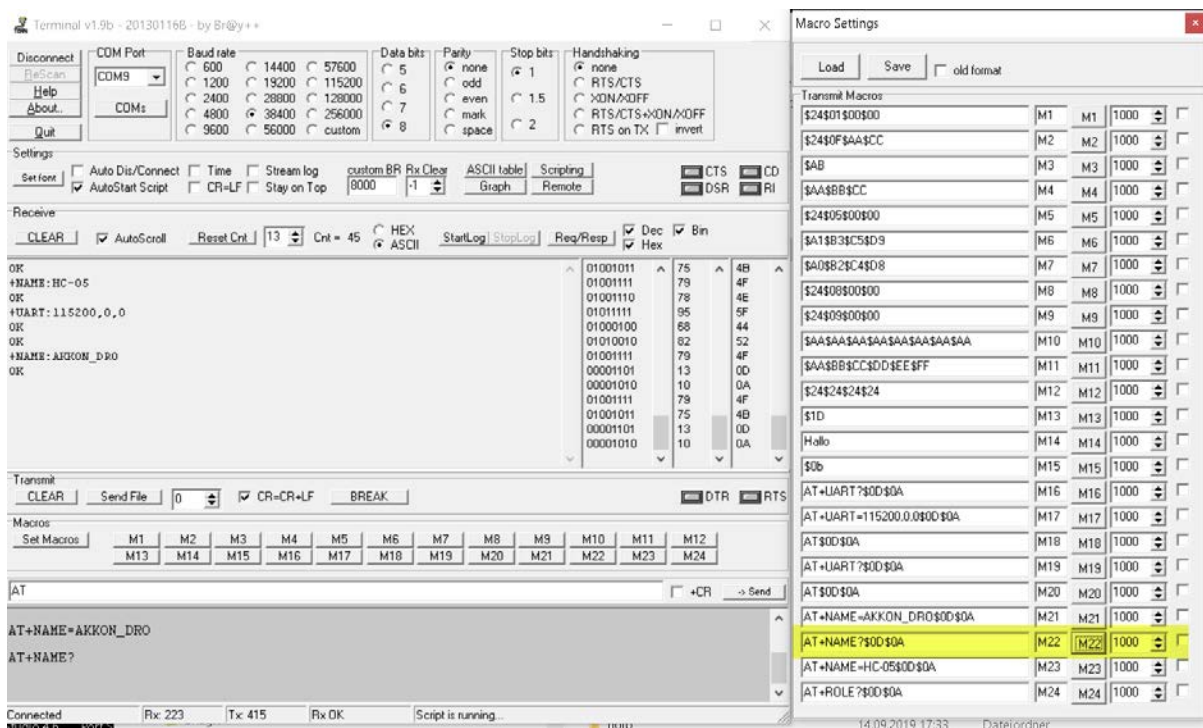
PC to HC-05: AT+UART?<0>\$0A



Set module name



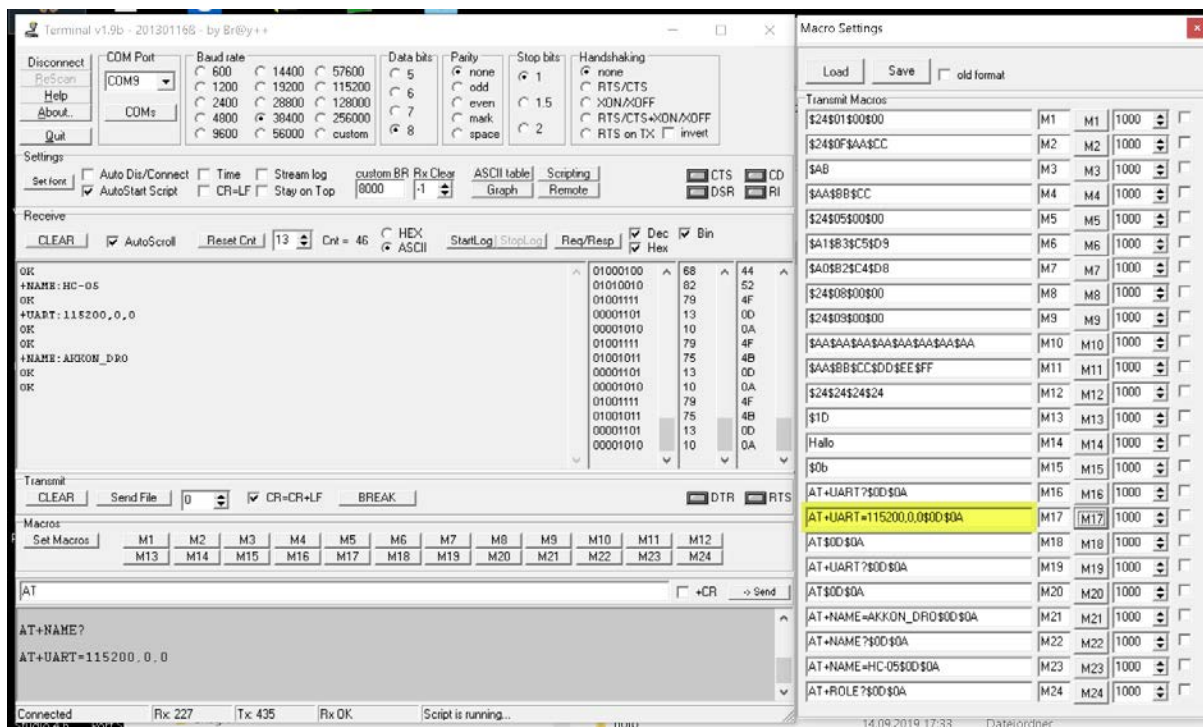
And check if name is set



Set new baud rate to 115200 bit/s 1 stop bit no parity

PC to HC-05: AT+UART=115200,0,0,\r\n

HC-05 to PC: OK



Get module version

AT+VERSION?\r\n