AT Command Reference

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| Command | Description |
| +++ | Enter AT command mode |
| AT+EXIT | Exit AT command mode |
| ATE | Enable/disable AT command echo |
| AT+VER | Check the software version number |
| AT+HELP | View AT help |
| AT+SF=7 | Set the spreading factor to 7, the value range is 7~12 |
| AT+BW=0 | Set bandwidth, 0 means 125KHz, 1 means 250KHz, 2 means 500KHz |
| AT+CR=1 | Set the encoding rate to 1, 1 represents 4/5, 2 represents 4/6, 3 represents 4/7, 4 represents 4/8 |
| AT+PWR=22 | Set the RF power, the value range is 10~22dBm |
| AT+NETID=0 | Network ID assignment, the value range is 0~65535 |
| AT+LBT=0 | Enable/disable LBT function, 0: disable, 1: enable |
| AT+MODE=1 | DTU working mode, 1: stream mode, 2: packet mode, 3: relay mode |
| AT+TXCH=18 | Transmit channel, value range 0~80, corresponding frequency point is 850~930MHz or 410~490MHz |
| AT+RXCH=18 | Receive channel, value range 0~80, corresponding frequency point is 850~930MHz or 410~490MHz |
| AT+RSSI=0 | Enable/disable RSSI signal value output, 0: disable, 1: enable |
| AT+ADDR=0 | Set DTU address, value range 0~65535 |
| AT+PORT=3 | Set COM port, 1:RS422, 2:RS485, 3:RS232 |
| AT+BAUD=115200 | Set COMx port baud rate, value range 1200~115200, 1200, 2400, ....., 57600, 115200 |
| AT+COMM="8N1" | Set COM port parameters, data bits: 8 or 9, parity: N, O, E, stop bits: 0, 1, 2 |
| AT+AllP=7,125,1,22,0,0,1,18,18,0,0,3,115200, "8N1",0 | Set the spreading factor to key multi-parameter |
| AT+RESTORE=0 | Restore factory settings, 0: disabled, 1: enabled |