# 通用AT指令

## ATI：获取模组厂商信息

参数

|  |  |
| --- | --- |
| <manufacturer> | 模组厂商信息、产品名称、版本号 |
| <module\_version> | 模组型号 |
| <soft\_version> | 模组软件版本 |

## AT+GMR：查询版本信息

参数

|  |  |
| --- | --- |
| <reversion> | 模组软件版本信息 |

## AT+CSQ：获取信号强度

参数

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <signal> | 以下为signal(CSQ)与rssi对应关系：   |  |  |  | | --- | --- | --- | |  | signal | rssi | | 0 | <4或99 | <-107 dBm or unknown | | 1 | <10 | <-93dBm | | 2 | <16 | <-81 dBm | | 3 | <22 | <-69dBm | | 4 | <28 | <-57dBm | | 5 | >=28 | >=-57 dBm | |
| <ber> | |  |  | | --- | --- | | 0...7 | 参考GSM 05.08 8.2.4 章节表格中RXQUAL 的取值 | | 99 | 误码率无法测量 | |