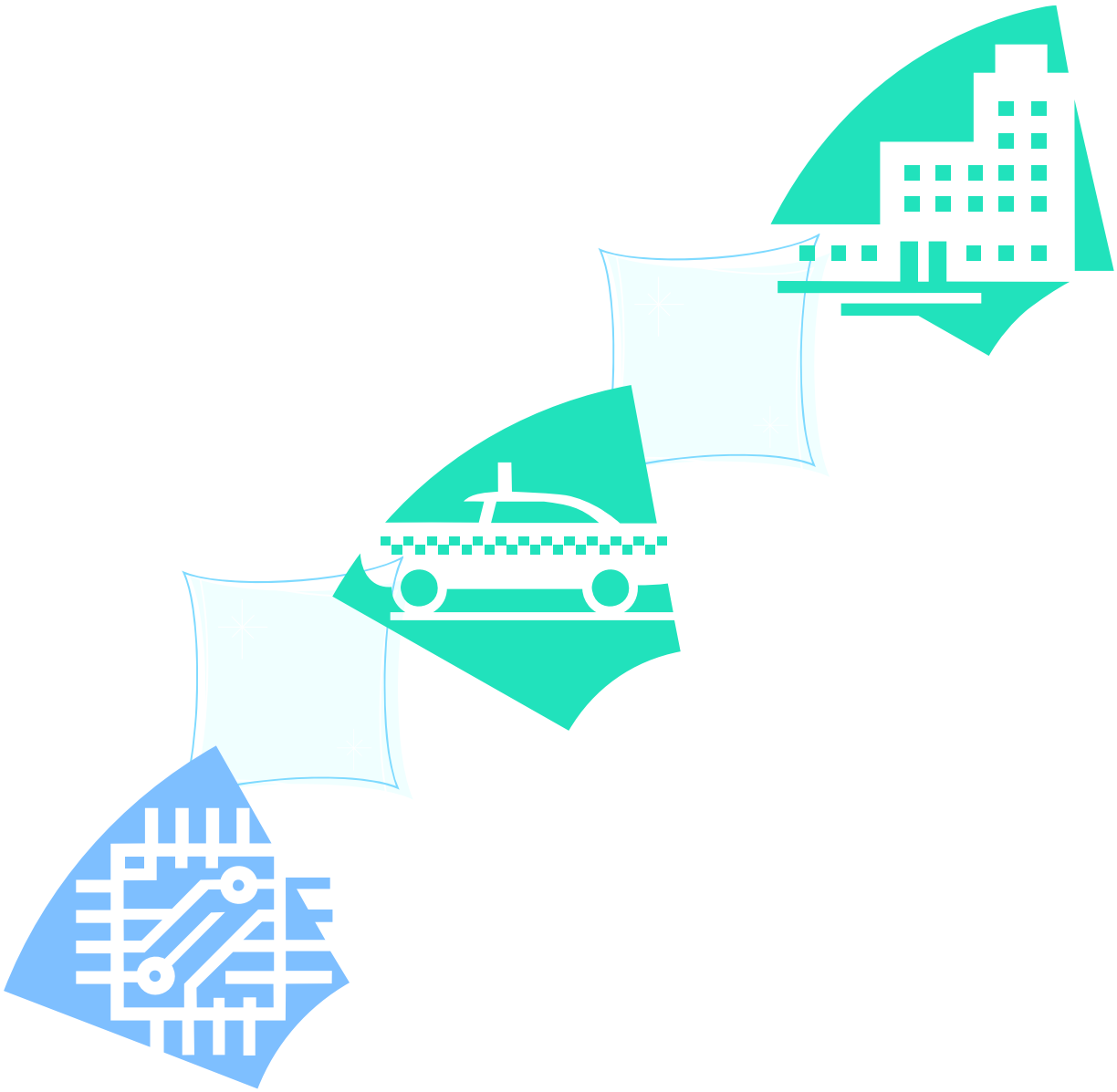
SIM340 User Manual



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Contents

1 SIM340 EVB and accessories....4
1.1SIM340 EVB....4
1.2 accessories....5
2 EVB and accessory equipment....5
3 Operation....6
3.1 Tune up procedure....6
3.2 Setup the phone call....6
3.3 GPRS start-up....12
4 AT command（please see the AT command document）....12
5 FCC Requirements....12

1 SIM340 EVB and accessories

1.1SIM340 EVB

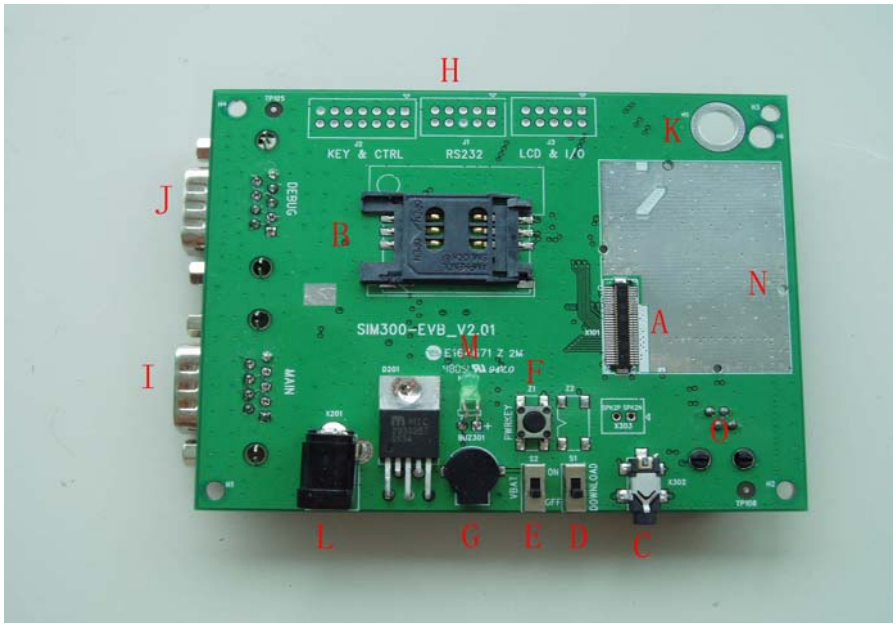


Figure 1： EVB TOP view

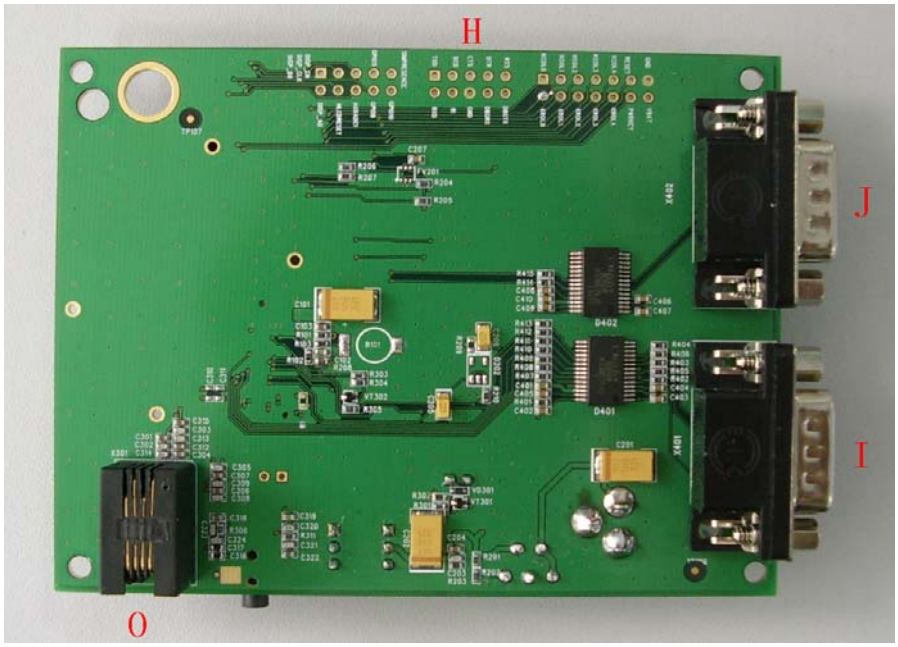


Figure 2： EVB BOTTOM view

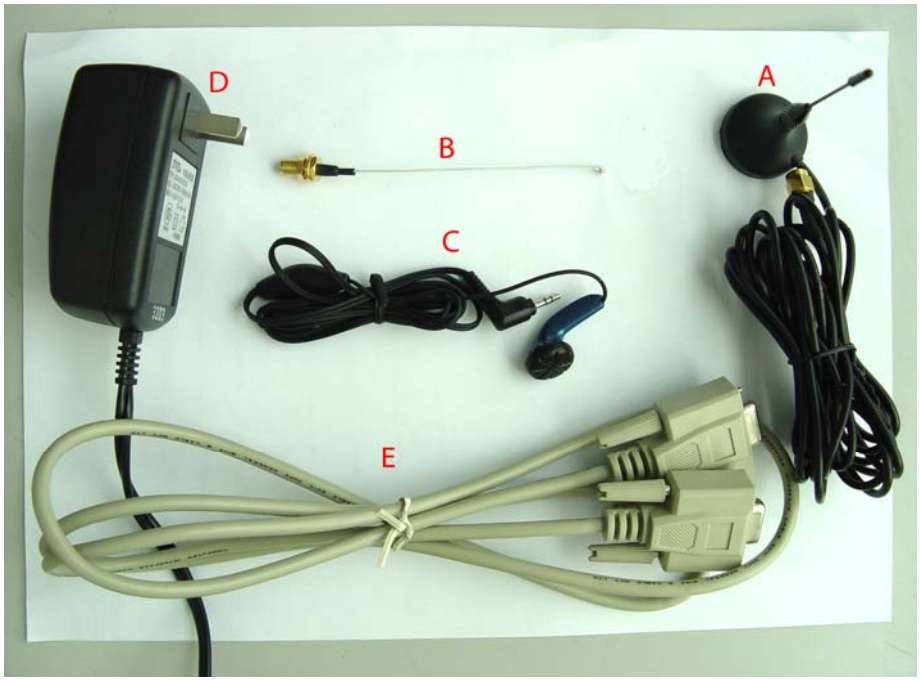
A: SIM340 module interface

B: SIM card interface

C: headset interface

D: Download switch, turn on or off download function
E: VBAT switch, switch the voltage source from the adaptor or external battery
F: PWRKEY key, turn on or turn off SIM340
G: buzzer
H: expand port, such as keypad port, main and debug serial port, display port
I: MAIN serial port for downloading, AT command transmitting, data exchanging
J: DEBUG serial port
K: hole for fixing the antenna
L: source adapter interface
M: light
N: hole for fixing the SIM340
O: headphones interface

1.2 accessories



A: antenna
B: antenna transmit line
C: headset
D: 5V DC source adapter
E: serial port line

2 EVB and accessory equipment

At normal circumstance, the EVB and its accessory are equipped as the nether figure：

Figure 3： EVB and accessory equipment

3 Operation

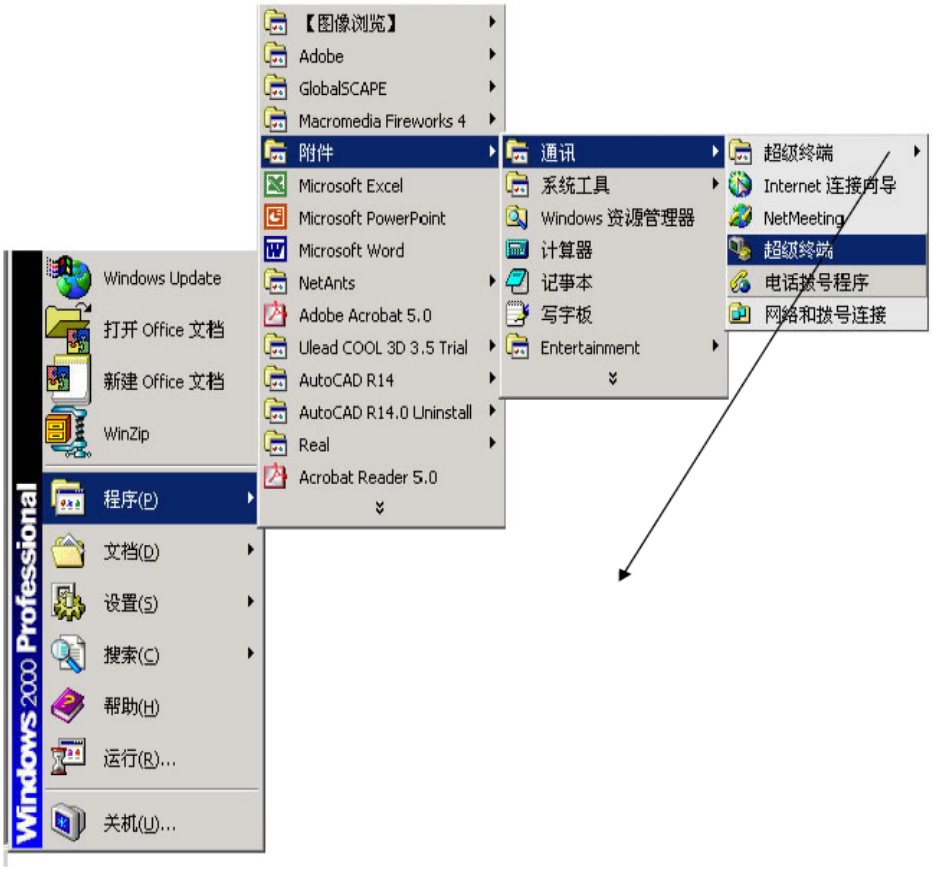
Firstly，please equip the module and accessories as the figure 3：

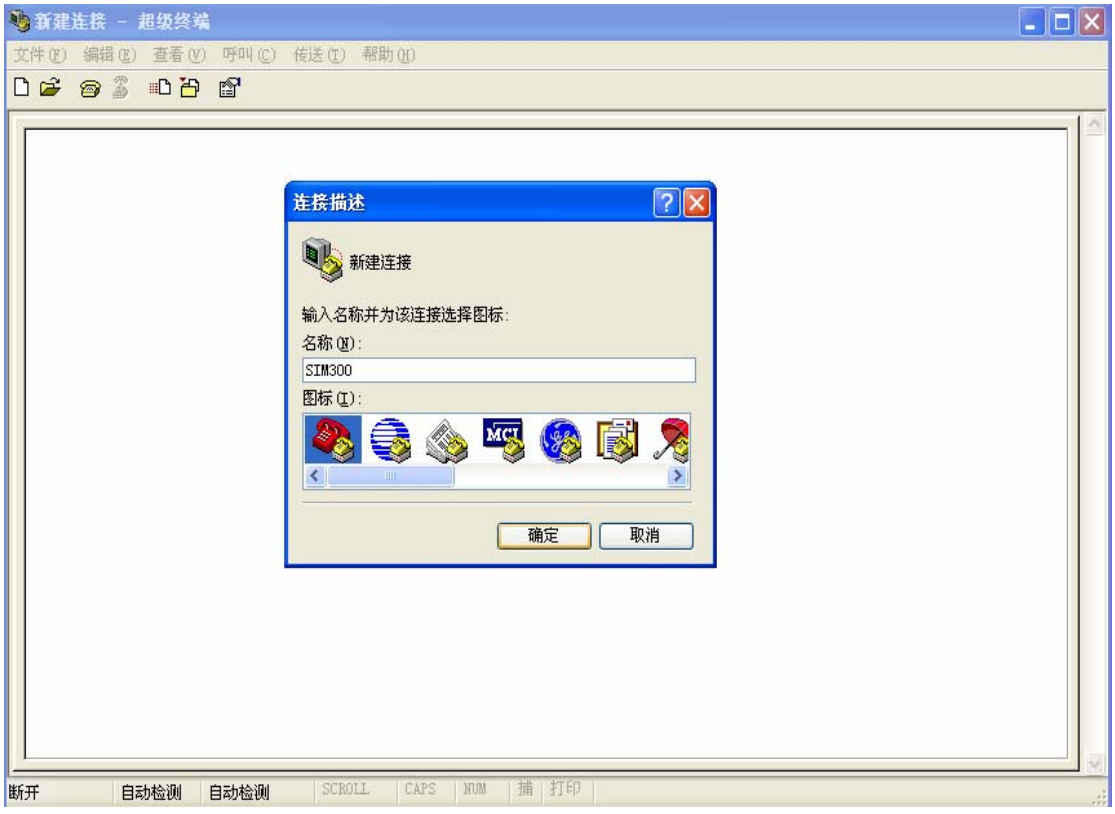
3.1 Tune up procedure

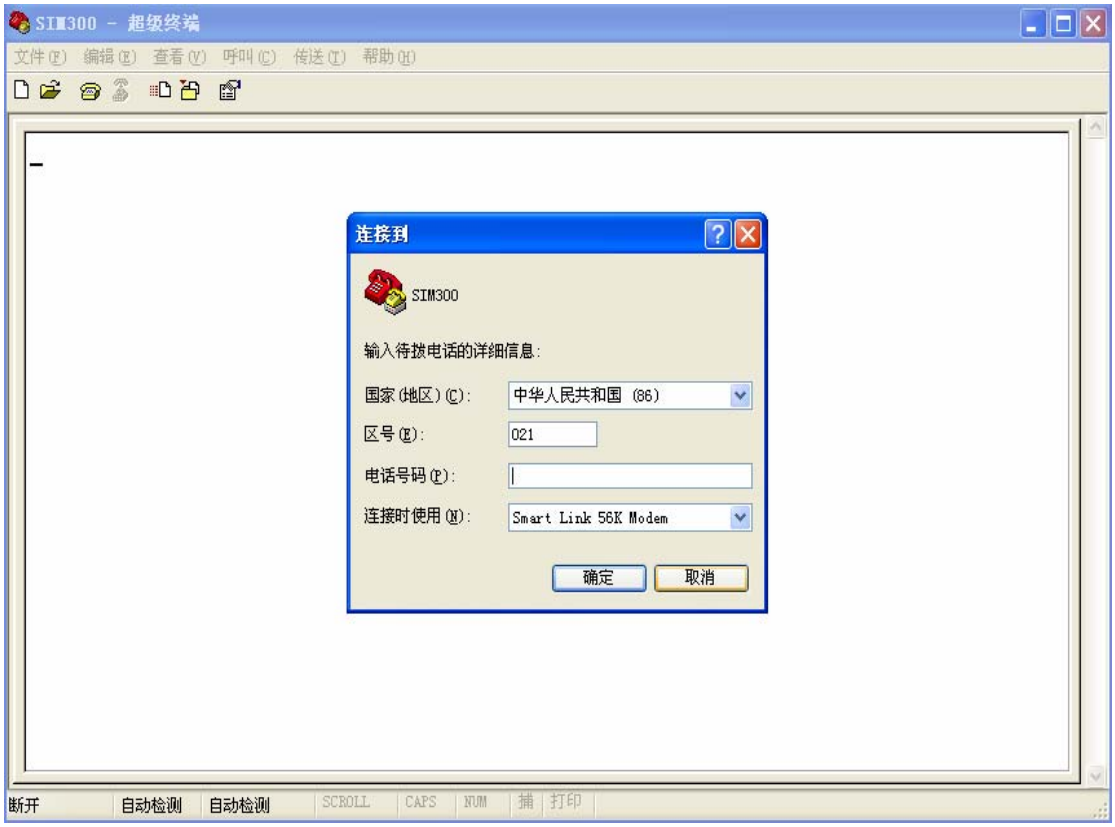
1）switching the S1 switch to **off** state, S2 switch to **ON** state；
2) Press the **PWRKEY** button for about 1 second, then the LED glint，and the module is tuning up successfully；

3.2 Setup the phone call

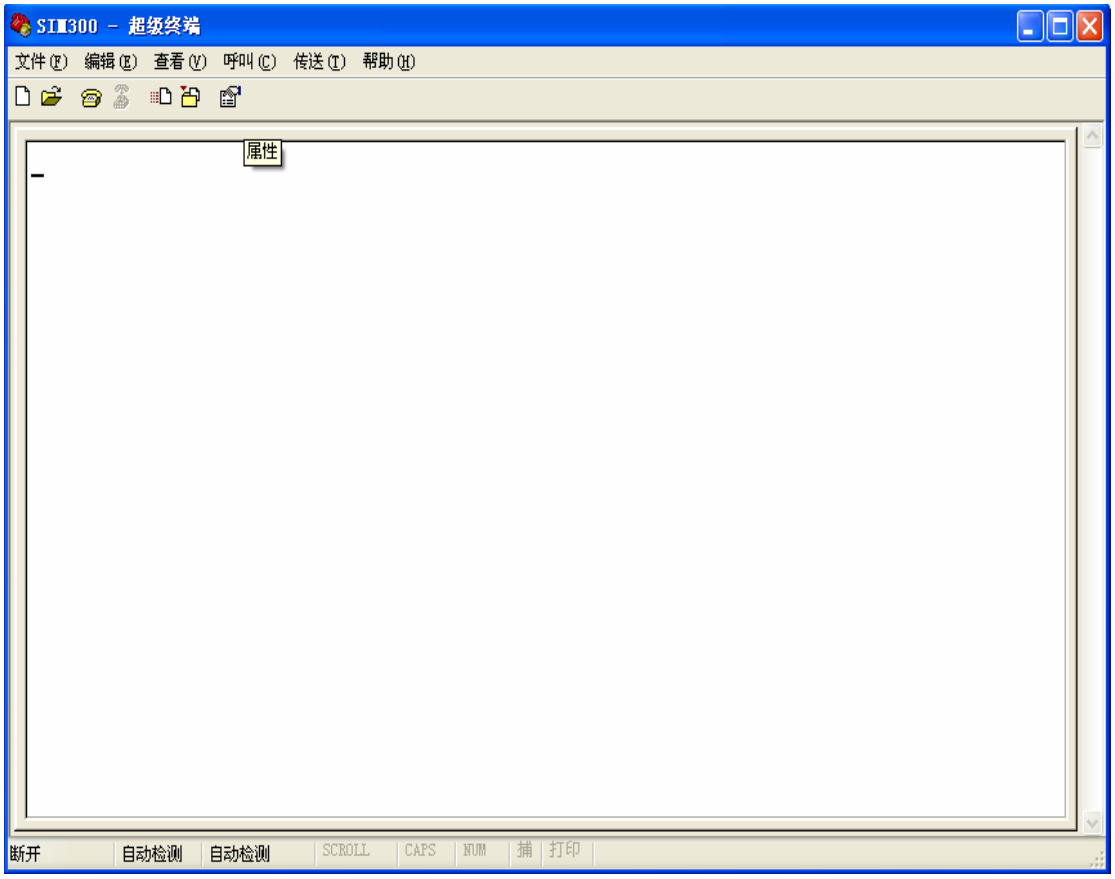
Please setup a HyperTerminal(AT command windows) step by step：
Step1，setup the HyperTerminal connect：

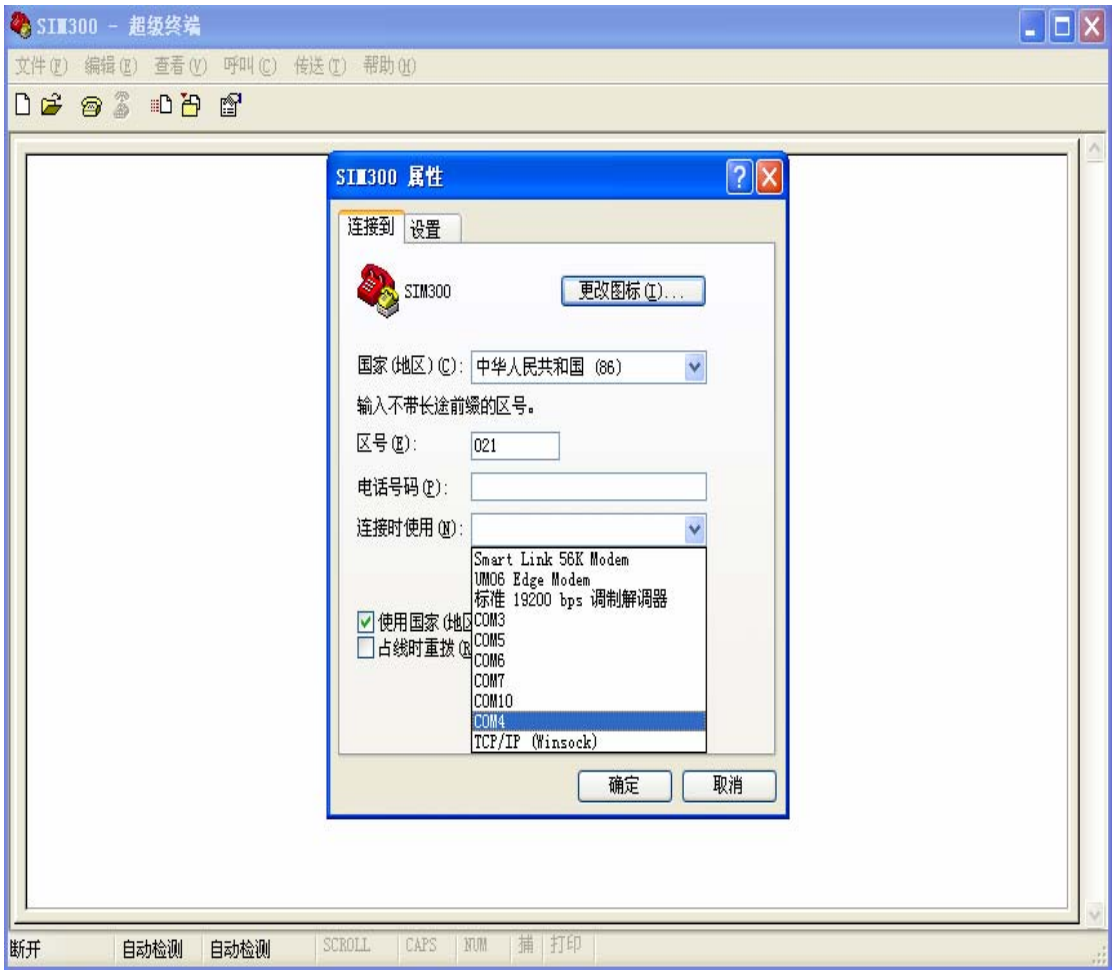

Windows Update
打开 Office 文档
新建 Office 文档
WinZip
程序(P)
文档(D)
设置(S)
搜索(C)
帮助(H)
运行(R)...
关机(U)...
Windows 2000 Professional
【图像浏览】
Adobe
GlobalSCAPE
Macromedia Fireworks 4
附件
Microsoft Excel
Microsoft PowerPoint
Microsoft Word
NetAnts
Adobe Acrobat 5.0
Ulead COOL 3D 3.5 Trial
AutoCAD R14
AutoCAD R14.0 Uninstall
Real
Acrobat Reader 5.0
通讯
系统工具
Windows 资源管理器
计算器
记事本
写字板
Entertainment
超级终端
Internet 连接向导
NetMeeting
超级终端
电话拨号程序
网络和拨号连接

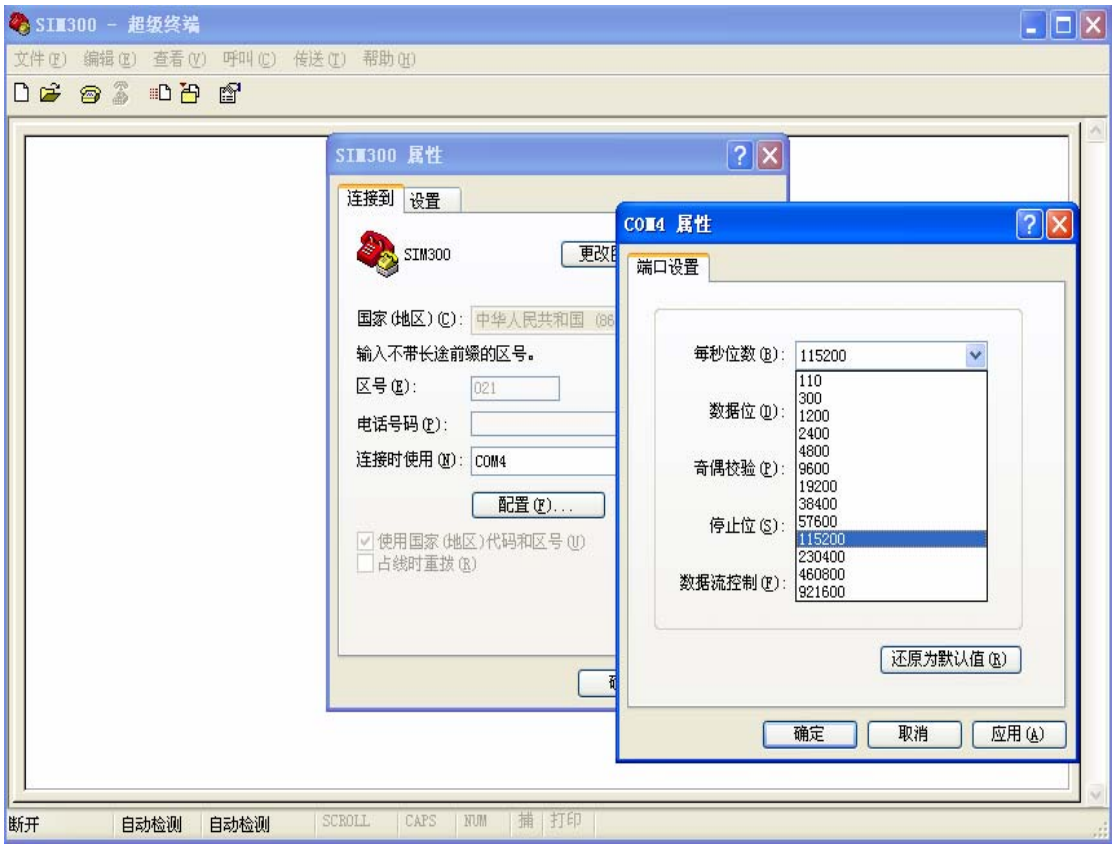

新建连接 - 超级终端
文件(F) 编辑(E) 查看(V) 呼叫(C) 传送(T) 帮助(H)
连接描述
新建连接
输入名称并为该连接选择图标:
名称(N):
SIM300
图标(I):
确定
取消
断开
自动检测
自动检测
SCROLL
CAPS
NUM
捕
打印

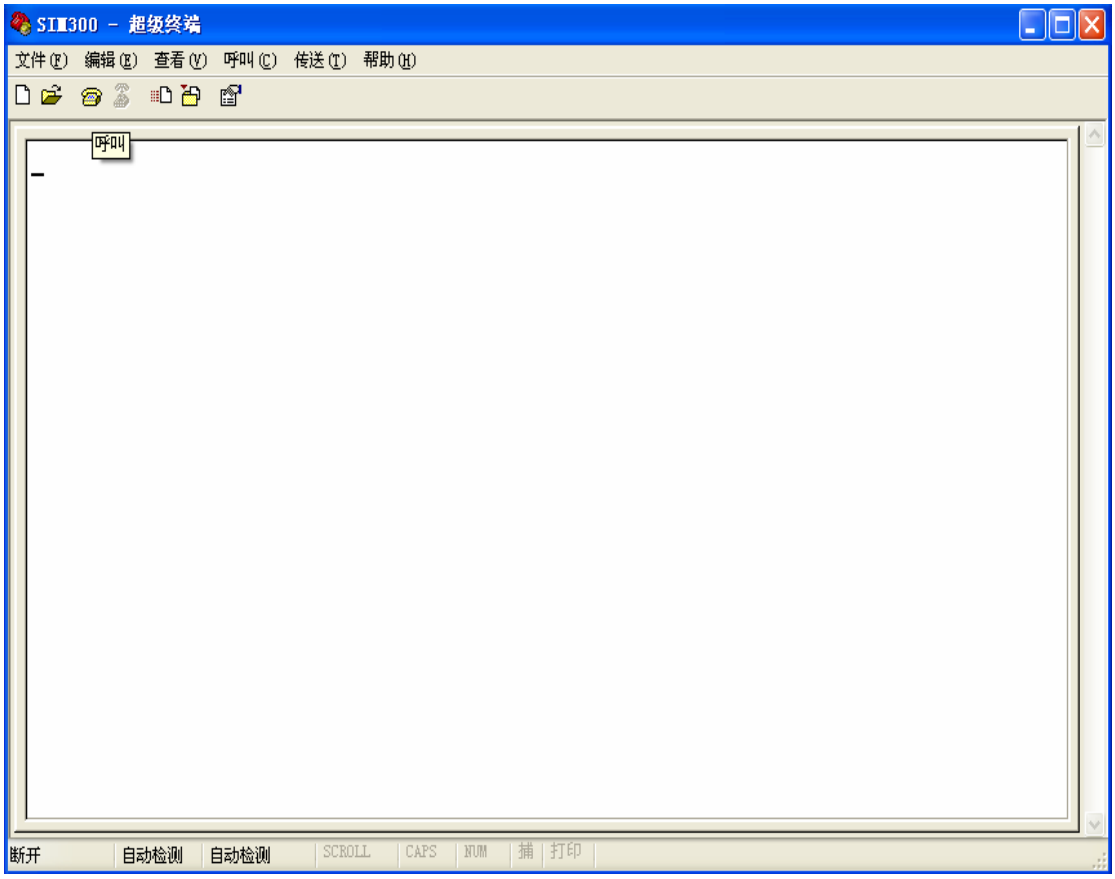


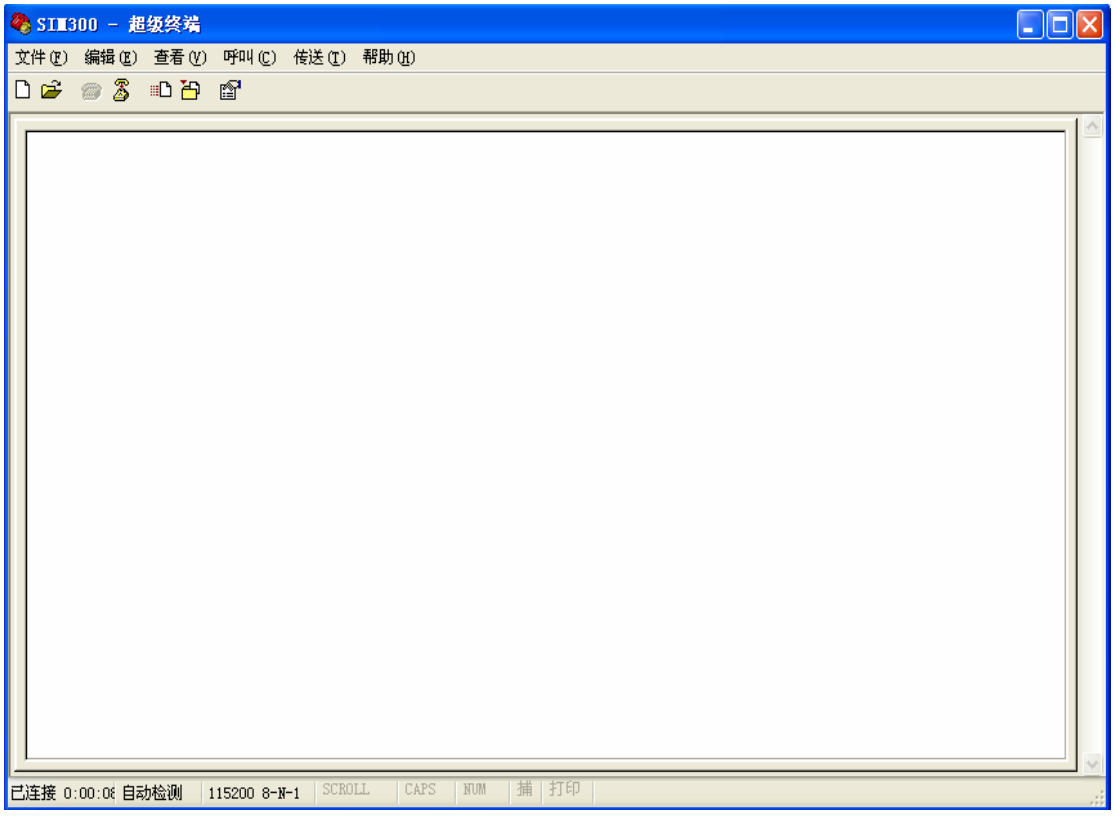
Step 2：Parameter setting（set the PC serial port and band rate）




SIM300 - 超级终端
文件(F) 编辑(E) 查看(V) 呼叫(C) 传送(T) 帮助(H)
SIM300 属性
连接到 设置
SIM300
更改图标(I)...
国家(地区)(C): 中华人民共和国 (86)
输入不带长途前缀的区号。
区号(E): 021
电话号码(P):
连接时使用(N):
Smart Link 56K Modem
UMO6 Edge Modem
标准 19200 bps 调制解调器
COM3
COM5
COM6
COM7
COM10
COM4
TCP/IP (Winsock)
使用国家(地区)
占线时重拨(R)
确定
取消
断开
自动检测
自动检测
SCROLL
CAPS
NUM
捕
打印


SIM300 - 超级终端
文件(F) 编辑(E) 查看(V) 呼叫(C) 传送(T) 帮助(H)
SIM300 属性
连接到 设置
SIM300
国家(地区)(C): 中华人民共和国 (86)
输入不带长途前缀的区号。
区号(E): 021
电话号码(P):
连接时使用(N): COM4
配置(F)...
使用国家(地区)代码和区号(U)
占线时重拨(R)
COM4 属性
端口设置
每秒位数(B): 115200
数据位(D):
奇偶校验(P):
停止位(S):
数据流控制(F):
110
300
1200
2400
4800
9600
19200
38400
57600
115200
230400
460800
921600
还原为默认值(R)
确定
取消
应用(A)
断开
自动检测
自动检测
SCROLL
CAPS
NUM
捕
打印



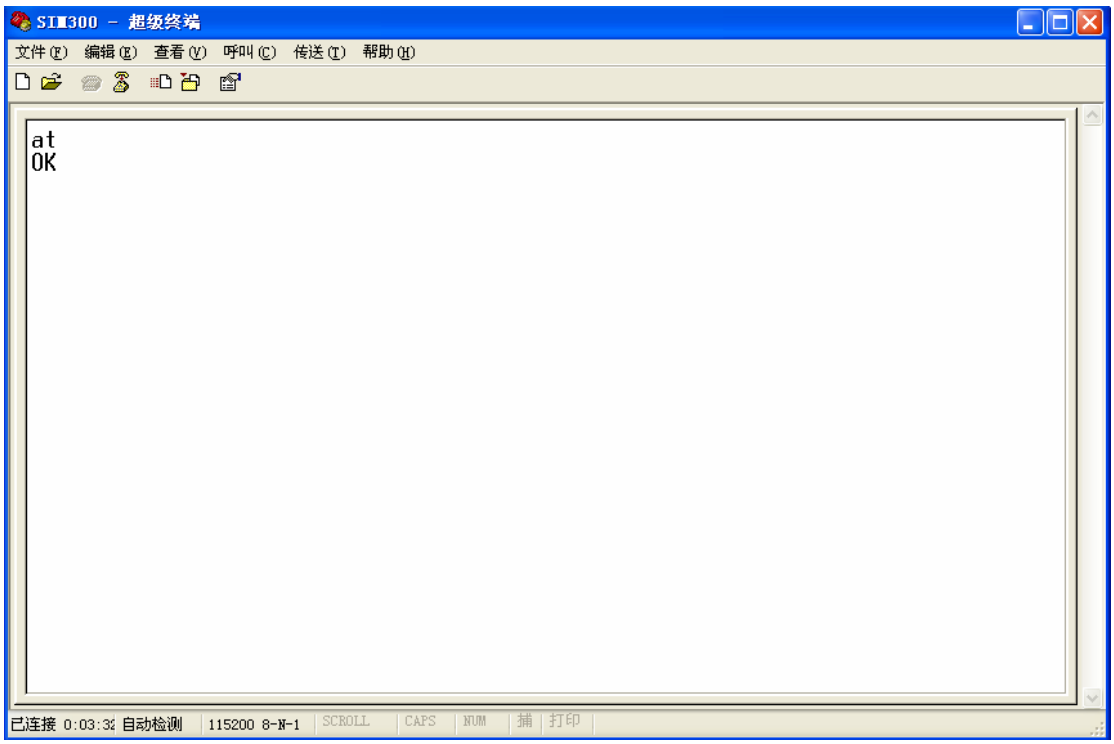


Step 3：power on the module and key in the AT command：

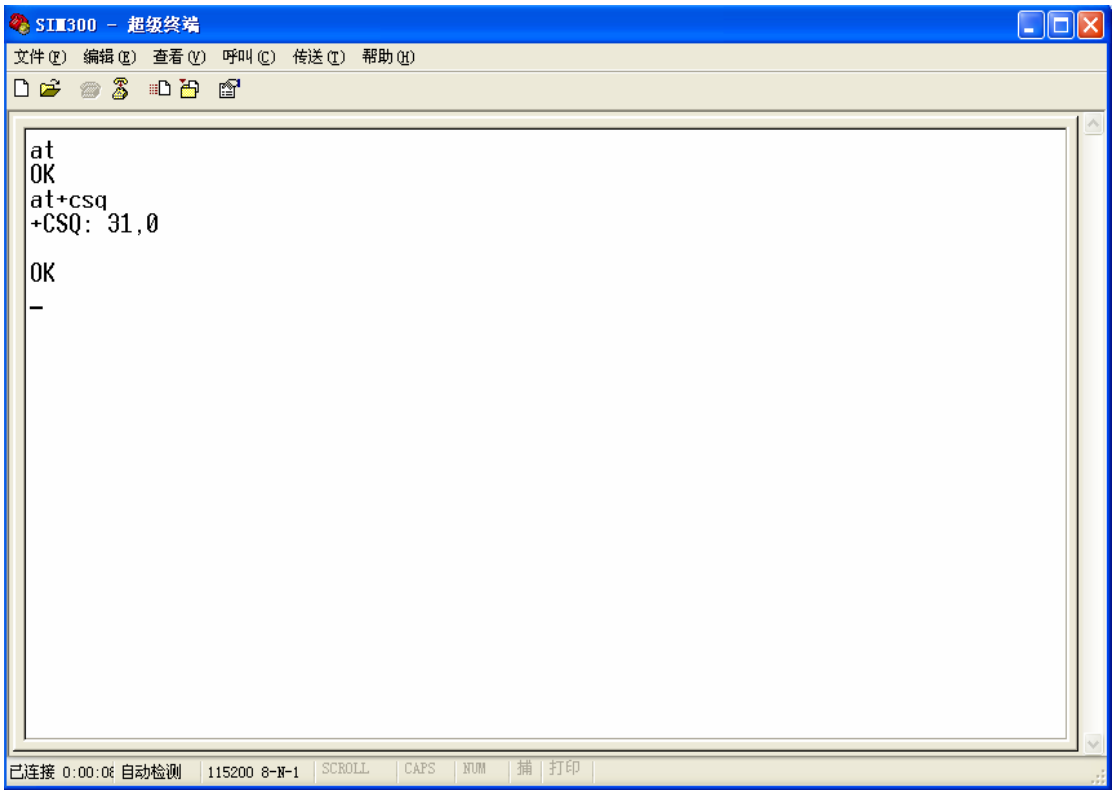
1） power on the module；

2） key in the “AT” and enter，if the “OK” is feedback，it indicates that the module connecting

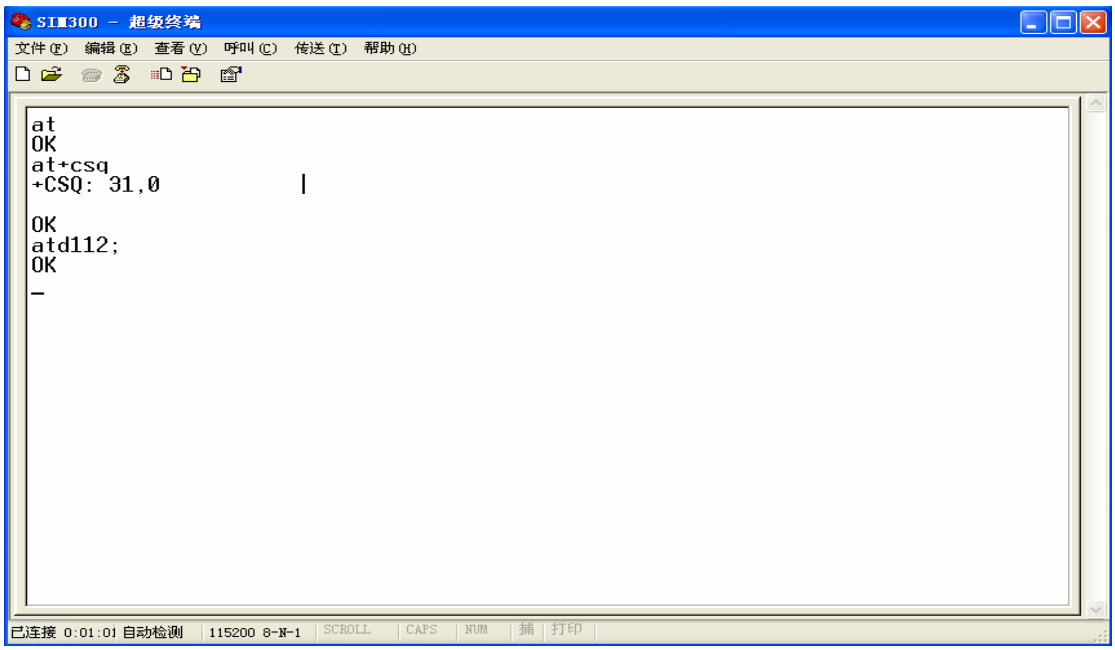
to the PC is successful；



3） Key in the “AT+CSQ” and enter，if the feedback is as below，it indicates that the module connecting to the NET is successful；



4） Key in the “ATD112；” and enter to set a phone call，and key in “ATH” to hang up the call；



3.3 GPRS start-up

（Please see the GPRS start-up document）

4 AT command

（please see the AT command document）

5 FCC Requirements

Please note：

1）The SIM340 must be designed for mobile or fixed operation only （Portable is not permitted and requires separate approval)；

2）When the SIM340 is integrated into a final product, the FCC ID label must be visible through a window on the final device or it must be visible when an access panel，door or cover is easily removed。 If not，a second label must be placed on the outside of the final device that contains the following text：

“Contains FCC ID：UDV-06060200600002”

SIM340 FCC label is shown as：