

How to set & read FWA-1012VC SIM slot setting

Applicable model list	FWA-1012VCR (included Serria EM 7455 LTE module)
Model name version	FWA-1012VCR-4CA1S, FWA-1012VCR-8CA1S
BIOS Version	N/A

Description:

The front panel of FWA-1012VCR (included Serria EM 7455 LTE module) has 2 SIM slot, user may use "AT" command to read & switch SIM slot setting in Linux minicom utility, or using attached script file: "fwa1012_SIM_slot_swicth.sh" to read & switch SIM slot

Read & Switch FWA-1012 SIM slot command:

1. Customer needs to load Serria EM7455 LTE module driver first, and stop LTE application utility (ex: Wvdial or Sierra SDK)
2. Please use console utility (ex: minicom) to link Serria EM7455 LTE module, the default connection port of Serria EM7455 LTE module is "/dev/ttyUSB2"
PS: when OEM FWA-1012VCR had installed 2 pcs Serria EM7455 LTE module, the first LET module connection port is "/dev/ttyUSB2", secondary LTE connection port is "/dev/ttyUSB5"
3. please execute Mincom to link Serria EM7455 LTE, and key-in following command
 - A. at!uims? //check sim card slot, 0=slot1, 1=slot2
 - B. at!uims=0 //switch to slot1
 - C. at!uims=1 // switch to slot2
4. **when user executes SIM_slot switch command finish, it needs reboot system to initial SIM_slot setting**

Example A: Using AT command to switch SIM slot

Switch SIM slot as slot 1

```
at!uims=0
OK
at!uims?
!UIMS: 0
```

Switch SIM slot as slot 2

```
at!uims=1
OK
at!uims?
!UIMS: 1
```

Example B: Using “fwa1012_SIM_slot_swicth.sh” script to switch SIM slot

Switch SIM slot as slot 1

```
# ./fwa1012_SIM_slot_swicth.sh 1
This program is setting or reading FWA-1012VC SIM slot !
Swicth SIM slot as slot1
at!uims=0
OK
at!uims?
!UIMS: 0
```

Switch SIM slot as slot 2

```
# ./fwa1012_SIM_slot_swicth.sh 2
This program is setting or reading FWA-1012VC SIM slot !
Swicth SIM slot as slot2
at!uims=1
OK
at!uims?
!UIMS: 1
```