

LZ210 - Bug #735

SIM /4G

12/20/2024 10:37 AM -

Status:	Closed	Start date:	12/20/2024
Priority:	Immediate	Due date:	
Assignee:	KuangJie	% Done:	0%
Category:	S.W	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
OS:	LZ210	Kernel:	Ubuntu
CPU:	RK3562	Kernel version:	v6.1.84
Board:	LCH3576	APP:	-
Build type:	-	Progress:	100%
Build number:	01	Build status:	N/S
Build path:	01	Build ID:	YT8521SC
Build file:	rk3562_lkd210_ubuntu22.04_12_13.img	EMMC:	-

Description

History

#1 - 12/20/2024 10:38 AM -

- Subject changed from SIM to SIM
- Category set to S.W
- Assignee set to KuangJie
- Priority changed from Normal to High
- OS set to LZ210
- CPU set to RK3562
- Board set to LCH3576
- Build type set to -
- Build number set to 01
- Build path set to 01
- Build file set to rk3562_lkd210_ubuntu22.04_12_13.img
- Kernel set to Ubuntu
- Kernel version set to v6.1.84
- APP set to -

#2 - 12/20/2024 10:45 AM -

- File clipboard-202412201044-dawpd.png added
- Progress set to 100%
- Build status set to N/S
- Build ID set to YT8521SC

Terminal

```
1 echo 142 > /sys/class/gpio/export
2 echo out > /sys/class/gpio/gpio142/direction
3 echo 1 > /sys/class/gpio/gpio142/value
4 lsusb #4g
5 echo -e "AT+CEREG?\r\n" > /dev/ttyUSB2 && cat /dev/ttyUSB2 #SIM"OK"
6 sudo quectel-CM & #/ /
```

```
neardi@RK3562:~$ sudo -i
root@RK3562:~# lsusb
Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 004 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 003 Device 003: ID 2c7c:0125 Quectel Wireless Solutions Co., Ltd. EC25 LTE modem
Bus 003 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
root@RK3562:~# echo -e "AT+CEREG?\r\n" > /dev/ttyUSB2 && cat /dev/ttyUSB2

+CIND: 0,2,1,0,0,0,1,0

OK
^C
root@RK3562:~# sudo quectel-CM &
[1] 145428
root@RK3562:~# [12-20_02:36:49:755] QConnectManager_Linux_V1.6.5
[12-20_02:36:49:756] Find /sys/bus/usb/devices/3-1 idVendor=0x2c7c idProduct=0x125, bus=0x003, dev=0x003
[12-20_02:36:49:756] network interface ' ' or qmidev ' ' is not exist
[12-20_02:36:49:756] atdevice_detect failed
[12-20_02:36:49:756] qmidevice_detect failed
```

#3 - 12/24/2024 04:28 PM -

- Subject changed from SIM to SIM/4G
- Priority changed from High to Immediate

#4 - 12/31/2024 02:09 PM - KuangJie

\\192.168.1.250\01-Public\rk3562\rk3562_lkd210_ubuntu22.04_12_29.img

#5 - 01/03/2025 06:42 PM -

- File clipboard-202501031842-eoab4.png added

KuangJie wrote in [#note-4](#):

\\192.168.1.250\01-Public\rk3562\rk3562_lkd210_ubuntu22.04_12_29.img

```
+CEREG: 0,1

OK
^C
root@RK3562:~# ^C
root@RK3562:~# sudo quectel-CM &
[1] 1255
root@RK3562:~# [01-03_10:41:19:949] QConnectManager_Linux_V1.6.2
[01-03_10:41:19:951] Find /sys/bus/usb/devices/3-1 idVendor=0x2c7c idProduct=0x125, bus=0x003, dev=0x002
[01-03_10:41:19:951] Auto find qmichannel = /dev/cdc-wdm0
[01-03_10:41:19:951] Auto find usbnet_adapter = wwan0
[01-03_10:41:19:952] netcard driver = qmi_wwan, driver version = 6.1.84
[01-03_10:41:19:952] Modem works in QMI mode
[01-03_10:41:19:979] /proc/1247/fd/7 -> /dev/cdc-wdm0
[01-03_10:41:19:979] /proc/1247/exe -> /usr/libexec/qmi-proxy
[01-03_10:41:21:981] cdc_wdm_fd = 7
[01-03_10:41:22:067] Get clientWDS = 7
[01-03_10:41:22:098] Get clientDMS = 1
[01-03_10:41:22:131] Get clientNAS = 2
[01-03_10:41:22:162] Get clientUIM = 1
[01-03_10:41:22:194] Get clientWDA = 1
[01-03_10:41:22:226] requestBaseBandVersion EC20CEFILGR06A11M1G
[01-03_10:41:22:355] requestGetSIMStatus SIMStatus: SIM_READY
[01-03_10:41:22:387] requestGetProfile[1] ///0/IPV4V6
[01-03_10:41:22:418] requestRegistrationState2 MCC: 460, MNC: 0, PS: Attached, DataCap: LTE
[01-03_10:41:22:451] requestQueryDataCall IPv4ConnectionStatus: DISCONNECTED
[01-03_10:41:22:452] ifconfig wwan0 0.0.0.0
[ 242.369446] [SKWIFI DBG] skw_ifa6_notifier: action: 1
[01-03_10:41:22:468] ifconfig wwan0 down
[ 242.384004] [SKWIFI DBG] skw_ifa6_notifier: action: 2
[01-03_10:41:22:547] requestSetupDataCall WdsConnectionIPv4Handle: 0x8722de00
[01-03_10:41:22:675] ifconfig wwan0 up
[ 242.587176] [SKWIFI DBG] skw_ifa6_notifier: action: 1
[01-03_10:41:22:691] busybox udhcpc -f -n -q -t 5 -l wwan0
udhcpc: started, v1.35.0
udhcpc: broadcasting discover
udhcpc: broadcasting select for 10.62.247.31, server 10.62.247.32
udhcpc: lease of 10.62.247.31 obtained from 10.62.247.32, lease time 7200
[01-03_10:41:22:863] ip -4 address flush dev wwan0
[01-03_10:41:22:880] ip -4 address add 10.62.247.31/26 dev wwan0
[ 242.791141] [SKWIFI DBG] skw_ifa4_notifier: action: 1
[01-03_10:41:22:889] ip -4 route add default via 10.62.247.32 dev wwan0
^C
root@RK3562:~#
```

BUG

#6 - 01/03/2025 06:43 PM - ☐☐

- Status changed from New to Closed

Files

clipboard-202412201044-dawpd.png	32.6 KB	12/20/2024	☐☐
clipboard-202501031842-eoab4.png	90.4 KB	01/03/2025	☐☐