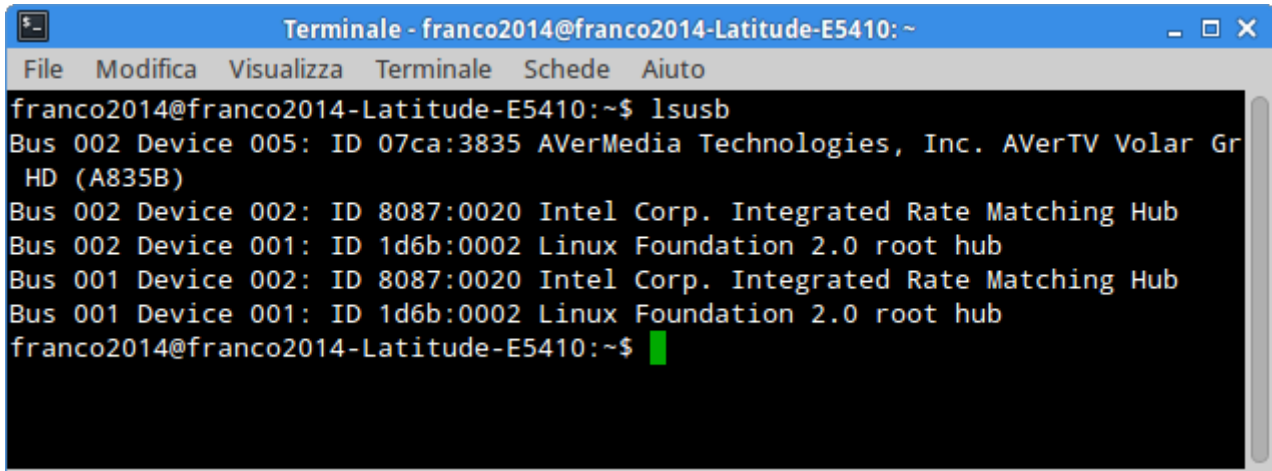


Dovendo utilizzare, in Xubuntu 14.04 LTS, un dongle DVB-T “AverTV Volar Green HD” ho cercato una soluzione :

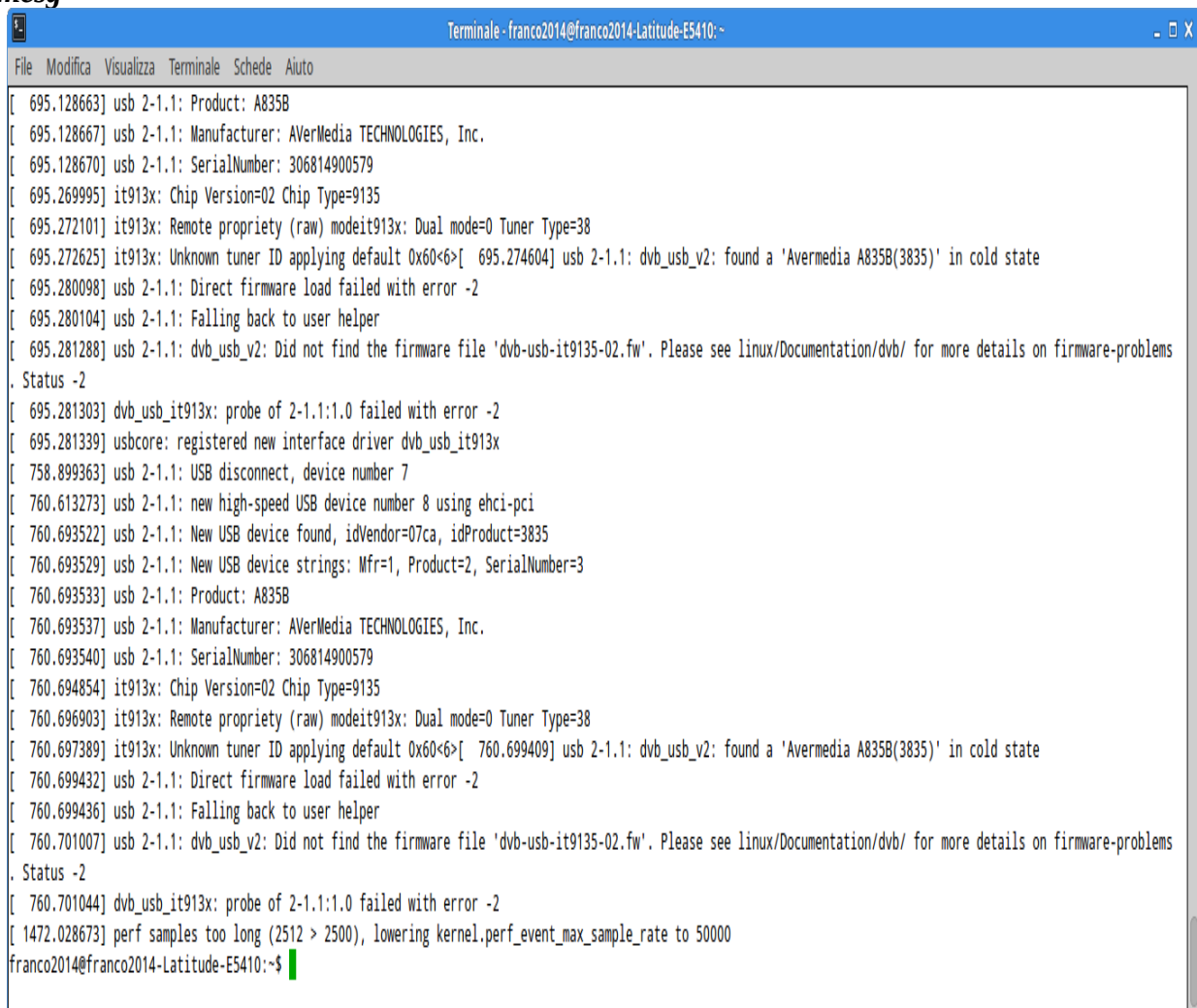
Ho applicato i comandi da terminale **lsusb** e **dmesg** ottenendo questo risultato:

lsusb



```
Terminale - franco2014@franco2014-Latitude-E5410: ~
File Modifica Visualizza Terminale Schede Aiuto
franco2014@franco2014-Latitude-E5410:~$ lsusb
Bus 002 Device 005: ID 07ca:3835 AVerMedia Technologies, Inc. AVerTV Volar Gr
HD (A835B)
Bus 002 Device 002: ID 8087:0020 Intel Corp. Integrated Rate Matching Hub
Bus 002 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 001 Device 002: ID 8087:0020 Intel Corp. Integrated Rate Matching Hub
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
franco2014@franco2014-Latitude-E5410:~$ █
```

dmesg



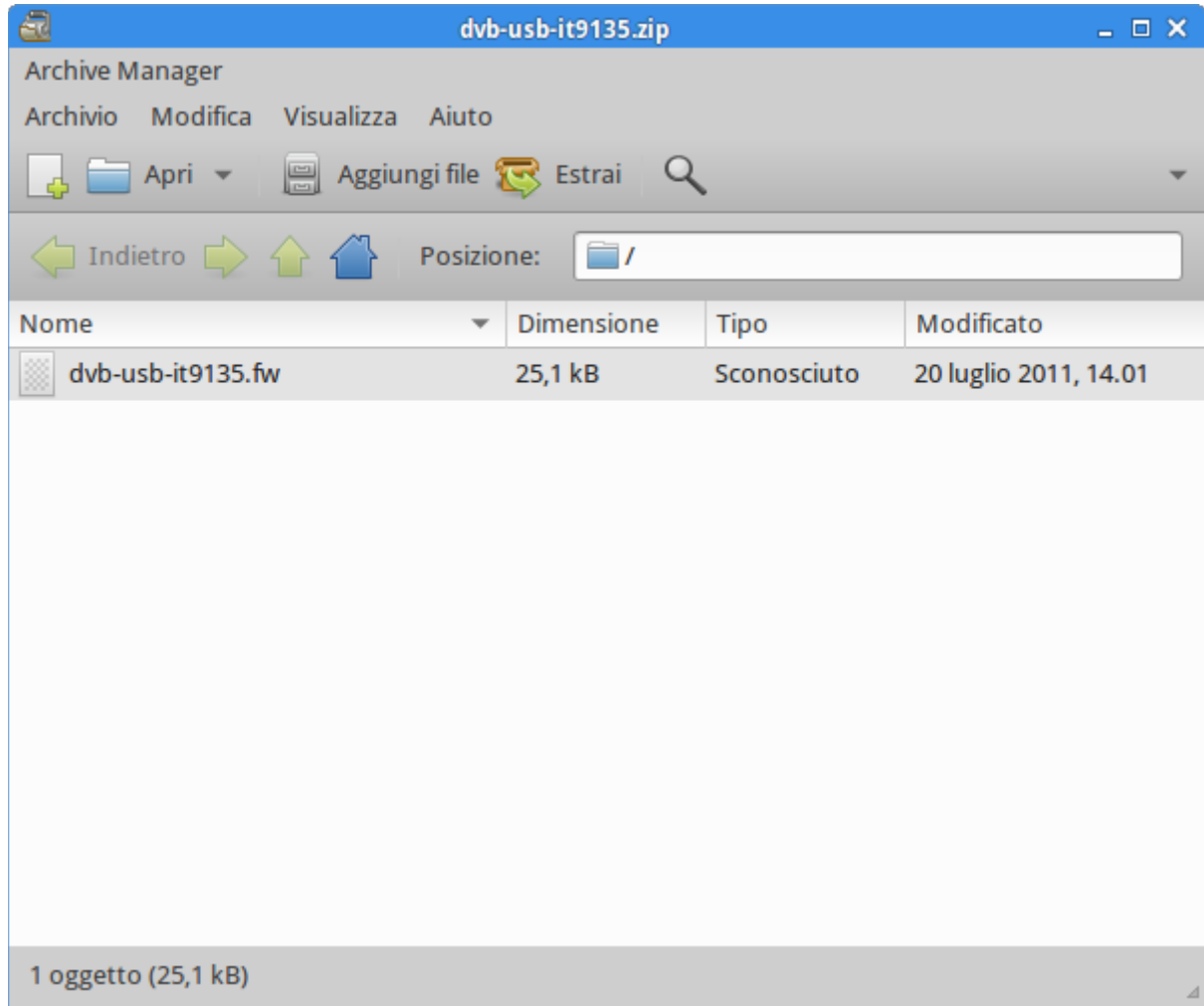
```
Terminale - franco2014@franco2014-Latitude-E5410: ~
File Modifica Visualizza Terminale Schede Aiuto
[ 695.128663] usb 2-1.1: Product: A835B
[ 695.128667] usb 2-1.1: Manufacturer: AVerMedia TECHNOLOGIES, Inc.
[ 695.128670] usb 2-1.1: SerialNumber: 306814900579
[ 695.269995] it913x: Chip Version=02 Chip Type=9135
[ 695.272101] it913x: Remote propriety (raw) modeit913x: Dual mode=0 Tuner Type=38
[ 695.272625] it913x: Unknown tuner ID applying default 0x60<6>[ 695.274604] usb 2-1.1: dvb_usb_v2: found a 'Avermedia A835B(3835)' in cold state
[ 695.280098] usb 2-1.1: Direct firmware load failed with error -2
[ 695.280104] usb 2-1.1: Falling back to user helper
[ 695.281288] usb 2-1.1: dvb_usb_v2: Did not find the firmware file 'dvb-usb-it9135-02.fw'. Please see linux/Documentation/dvb/ for more details on firmware-problems
. Status -2
[ 695.281303] dvb_usb_it913x: probe of 2-1.1:1.0 failed with error -2
[ 695.281339] usbcore: registered new interface driver dvb_usb_it913x
[ 758.899363] usb 2-1.1: USB disconnect, device number 7
[ 760.613273] usb 2-1.1: new high-speed USB device number 8 using ehci-pci
[ 760.693522] usb 2-1.1: New USB device found, idVendor=07ca, idProduct=3835
[ 760.693529] usb 2-1.1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 760.693533] usb 2-1.1: Product: A835B
[ 760.693537] usb 2-1.1: Manufacturer: AVerMedia TECHNOLOGIES, Inc.
[ 760.693540] usb 2-1.1: SerialNumber: 306814900579
[ 760.694854] it913x: Chip Version=02 Chip Type=9135
[ 760.696903] it913x: Remote propriety (raw) modeit913x: Dual mode=0 Tuner Type=38
[ 760.697389] it913x: Unknown tuner ID applying default 0x60<6>[ 760.699409] usb 2-1.1: dvb_usb_v2: found a 'Avermedia A835B(3835)' in cold state
[ 760.699432] usb 2-1.1: Direct firmware load failed with error -2
[ 760.699436] usb 2-1.1: Falling back to user helper
[ 760.701007] usb 2-1.1: dvb_usb_v2: Did not find the firmware file 'dvb-usb-it9135-02.fw'. Please see linux/Documentation/dvb/ for more details on firmware-problems
. Status -2
[ 760.701044] dvb_usb_it913x: probe of 2-1.1:1.0 failed with error -2
[ 1472.028673] perf samples too long (2512 > 2500), lowering kernel.perf_event_max_sample_rate to 50000
franco2014@franco2014-Latitude-E5410:~$ █
```

In sostanza, non sono riuscito ad attivare AverTV Volar Green HD.

Non mi sono arreso: cercando ancora con google, ho trovato questo file e l'ho scaricato sulla scrivania :

<http://www.ite.com.tw/uploads/firmware/v3.6.0.0/dvb-usb-it9135.zip>

il file contiene:



l'ho estratto, sempre sulla scrivania.

Quindi ho aperto il terminale, sulla scrivania, e ho estratto i due file necessari (***dvb-usb-it9135-01.fw*** e ***dvb-usb-it9135-02.fw***) con i comandi:

- `dd if=dvb-usb-it9135.fw ibs=1 skip=64 count=8128 of=dvb-usb-it9135-01.fw`
- `dd if=dvb-usb-it9135.fw ibs=1 skip=12866 count=5817 of=dvb-usb-it9135-02.fw`

ed ho spostato i due file, in “/lib/firmware”, con i comandi :

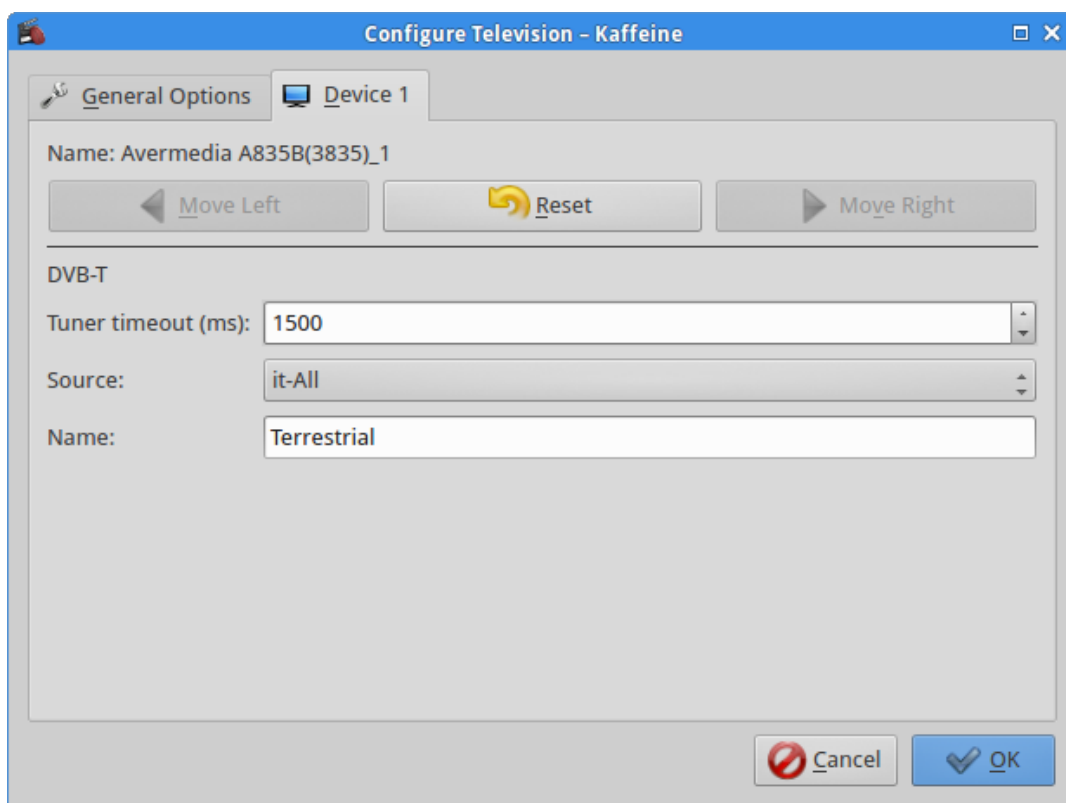
- `sudo cp dvb-usb-it9135-01.fw /lib/firmware/dvb-usb-it9135-01.fw`
- `sudo cp dvb-usb-it9135-02.fw /lib/firmware/dvb-usb-it9135-02.fw`

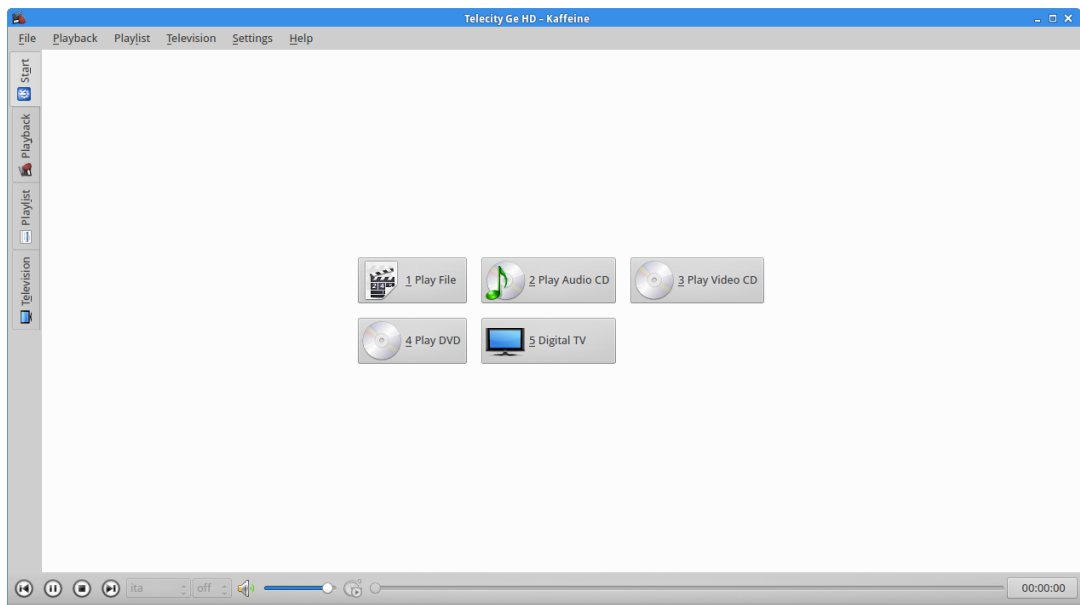
Dopo aver riavviato, ho avuto questo risultato :

dmesg

```
Terminale - franco2014@franco2014-Latitude-E5410: ~
File Modifica Visualizza Terminale Schede Aiuto
[ 166.820978] usb 2-1.1: new high-speed USB device number 5 using ehci-pci
[ 166.913111] usb 2-1.1: New USB device found, idVendor=07ca, idProduct=3835
[ 166.913118] usb 2-1.1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 166.913122] usb 2-1.1: Product: A835B
[ 166.913126] usb 2-1.1: Manufacturer: AverMedia TECHNOLOGIES, Inc.
[ 166.913130] usb 2-1.1: SerialNumber: 306814900579
[ 167.068520] it913x: Chip Version=02 Chip Type=9135
[ 167.070182] it913x: Remote propriety (raw) modeit913x: Dual mode=0 Tuner Type=38
[ 167.070635] it913x: Unknown tuner ID applying default 0x60<6>[ 167.072702] usb 2-1.1: dvb_usb_v2: found a 'Avermedia A835B(3835)' in cold state
[ 167.091284] usb 2-1.1: dvb_usb_v2: downloading firmware from file 'dvb-usb-it9135-02.fw'
[ 167.091988] it913x: FRM Starting Firmware Download
[ 167.321712] it913x: FRM Firmware Download Completed - Resetting Deviceit913x: Chip Version=02 Chip Type=9135
[ 167.354155] it913x: Firmware Version 52887808<6>[ 167.416569] usb 2-1.1: dvb_usb_v2: found a 'Avermedia A835B(3835)' in warm state
[ 167.416660] usb 2-1.1: dvb_usb_v2: will pass the complete MPEG2 transport stream to the software demuxer
[ 167.416832] DVB: registering new adapter (Avermedia A835B(3835))
[ 167.441725] it913x-fe: ADF table value :00
[ 167.446039] it913x-fe: Crystal Frequency :12000000 Adc Frequency :20250000 ADC X2: 01
[ 167.489950] it913x-fe: Tuner LNA type :60
[ 167.744980] usb 2-1.1: DVB: registering adapter 0 frontend 0 (Avermedia A835B(3835)_1)...
[ 167.781234] Registered IR keymap rc-it913x-v2
[ 167.781366] input: Avermedia A835B(3835) as /devices/pci0000:00/0000:00:1d.0/usb2/2-1/2-1.1/rc/rc0/input14
[ 167.781475] rc0: Avermedia A835B(3835) as /devices/pci0000:00/0000:00:1d.0/usb2/2-1/2-1.1/rc/rc0
[ 167.781484] usb 2-1.1: dvb_usb_v2: schedule remote query interval to 250 msec
[ 167.781490] usb 2-1.1: dvb_usb_v2: 'Avermedia A835B(3835)' successfully initialized and connected
[ 167.781530] usbcore: registered new interface driver dvb_usb_it913x
[ 234.525283] usb 2-1.4: USB disconnect, device number 3
```

e quindi ho avviato Kaffeine





ed ecco il risultato :

