



BroadSat, Customer Care

BroadLogic model 1030/2030/2035 PCI card and 2035XL USB Box used with OPENSky™ Services Configuration Guide

24/06/2002



SECTIONS

- I- Driver Installation

- II- Driver Configuration under Microsoft Windows OS
 - 1- *Settings*
 - 2- *Satellite settings*

I – Driver Installation

The last driver available can be found at <http://www.broadlogic.com>, choosing Satellite Express Support.

The available drivers for this card are:

Driver 16.30.zip for Model 2030

Driver 16.31.zip for Model 1030

Driver 2035.zip for Model 2035 DTV

Driver 2530_16.31.zip for Model 2530XL (USB)

II – Driver Configuration under Microsoft Windows OS

When the driver is installed, it is necessary to configure both the TCP/IP protocol from the network in Windows Control Panel and the satellite settings, using the utility that can be found in Start → Programs → **BroadLogic** → **BroadLogic Control**.

1 - Settings

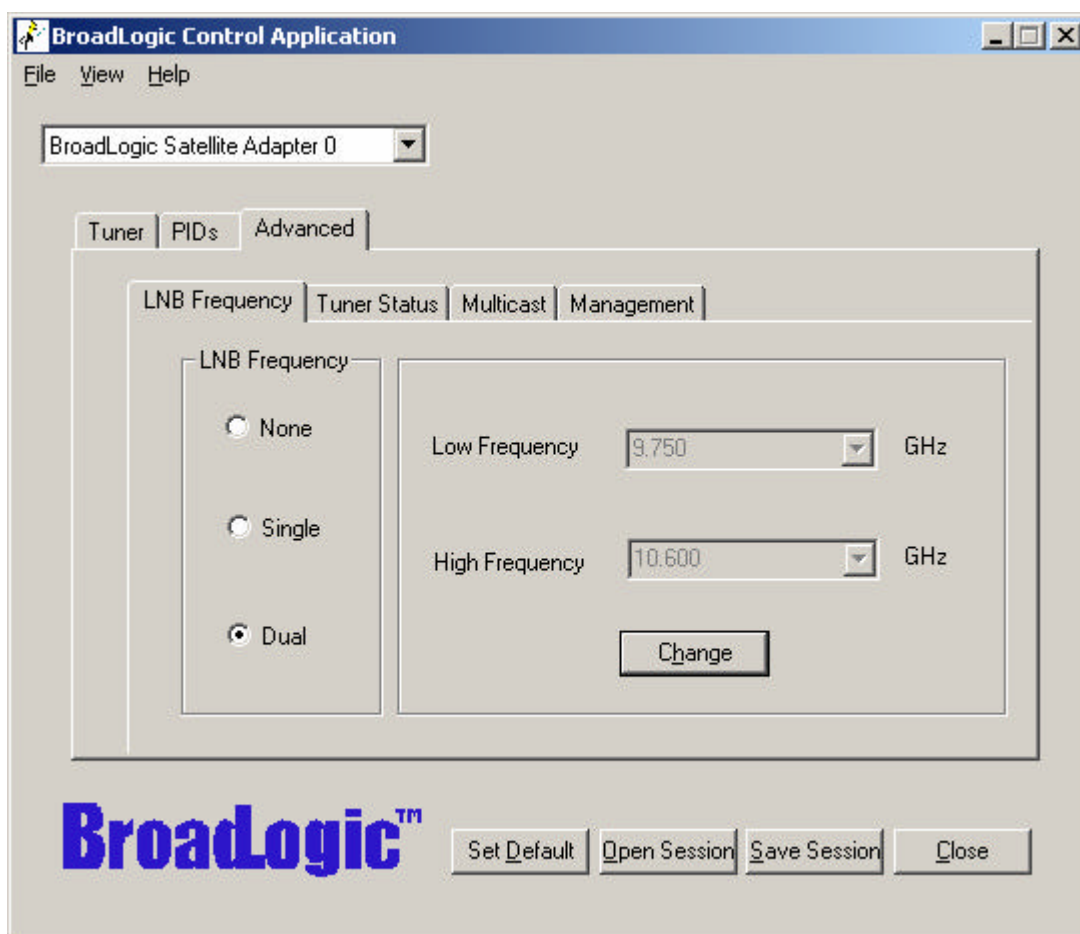
The TCP settings depend on the used operating system of the computer where the DVB card is installed (see OS manual). In every situation it should be assigned a private IP address and a subnet mask (225.255.255.0) to the DVB adapter.

2 - Satellite Settings

First of all, the panel *LNB Frequency* under the menu *Advanced* tag has to be set with the parameters of the satellite system. Please select the **dual** option in left panel and then press the *Change* button and choose the correct satellite range (fig.1):

Low Frequency: 9.750 GHz

High Frequency: 10.600 GHz

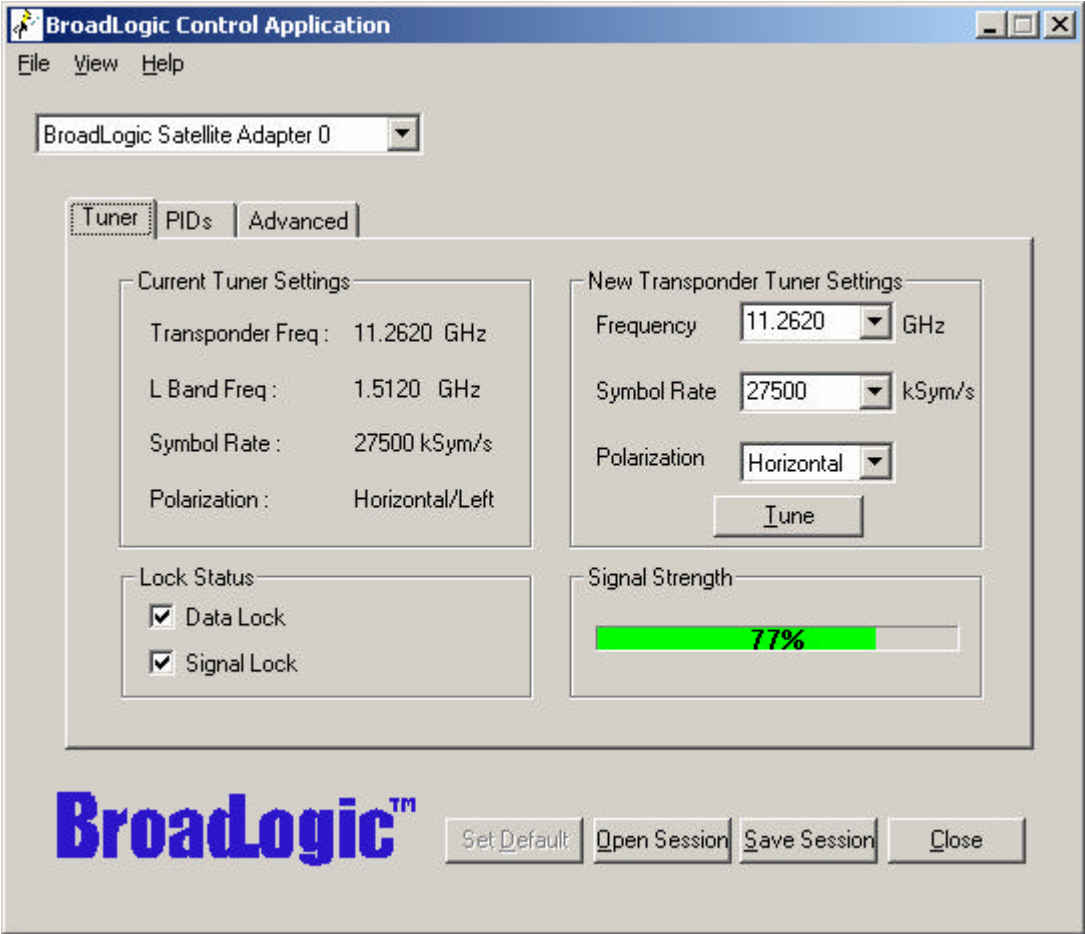


(fig. 1)

After that, it is possible to select the parameters of the used transponder under the *Tuner* tag, in the *New Transponder Tuner Settings* right panel (fig. 2):

Table 1: Values to set in order to use the OPENSky™ services on Eutelsat W3 at 7 degrees East

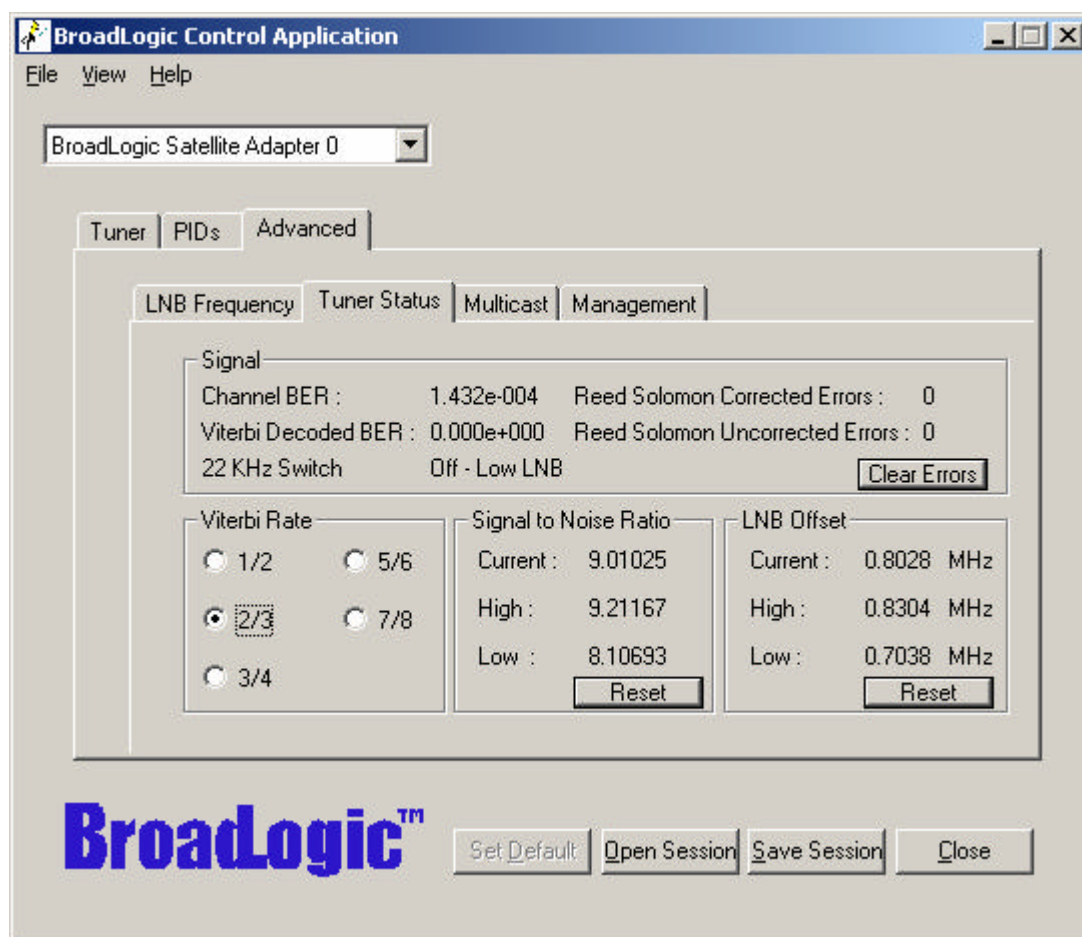
| | |
|---------------|------------|
| Transponder | 11262 |
| LNB Frequency | 9750 |
| Symbol Rate | 27500 |
| Fec | Auto/(2/3) |
| Polarity | Horizontal |



(fig.2)

If you press the *Tune* button, it is possible to see a green light on the status bar, which indicates the signal strength.

The FEC value (2/3) is automatically set and it is visible in the “Viterbi Rate” panel under the **Advanced ? Tuner Status** tags (fig. 3); other satellite transmission parameters are shown in these windows.



(fig.3)

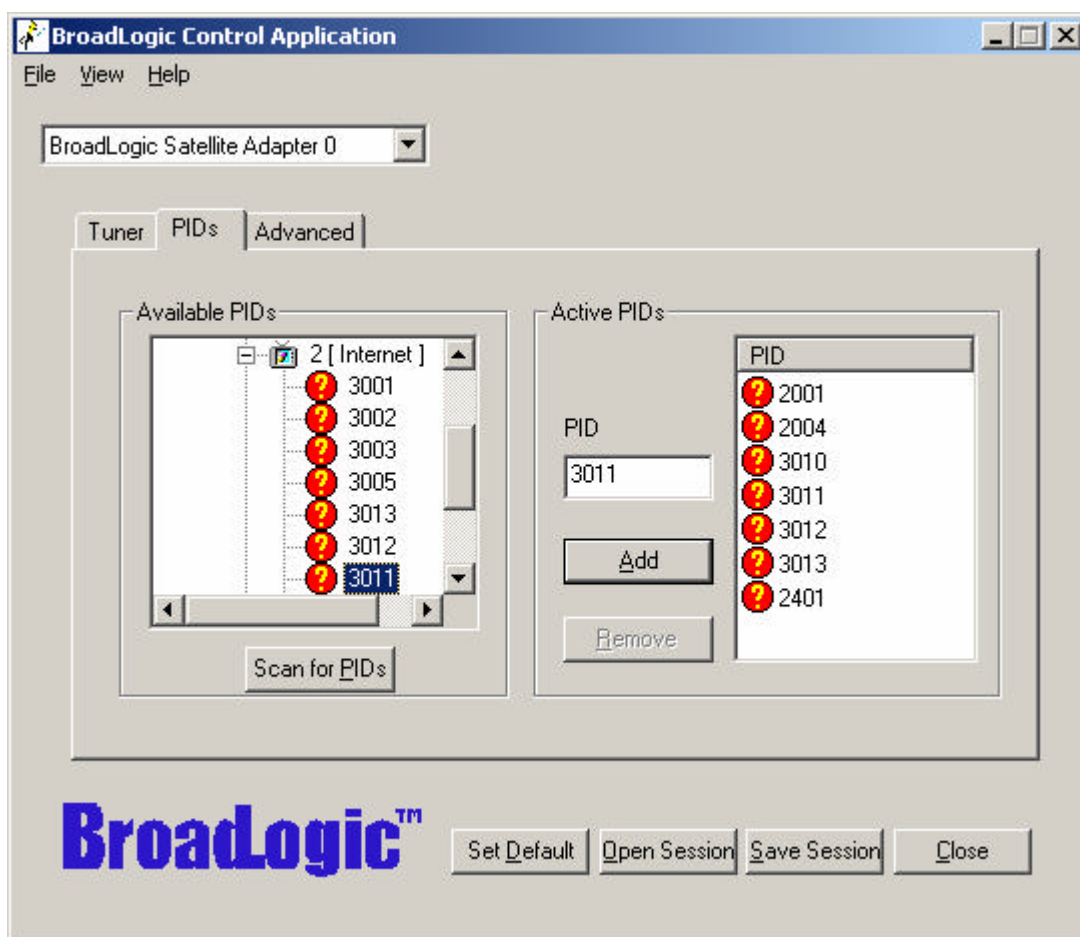
When the signal is locked (*Signal Lock* option selected in panel under *Tuner* tag) it is possible to choose the transponder's PIDs, that are automatically found by the software itself.

At the end of the scanning, it is also possible to select the PIDs available for the services and you can activate them by pressing the *Add* button in the *Active PIDs* panel (fig. 4).

| | |
|------------------|-------------------|
| <i>Unicast</i> | 30XX ¹ |
| <i>Broadcast</i> | 2401 |
| <i>Multicast</i> | 2001, 2002, 2004 |

If the autosearch does not start, or you think of refreshing the PIDs, it is possible to force a new scanning by pressing the *Scan for PIDs* button in the *Available PIDs* panel.

¹ PIDs assigned by Eutelsat at the registration in order to access the Unicast services.

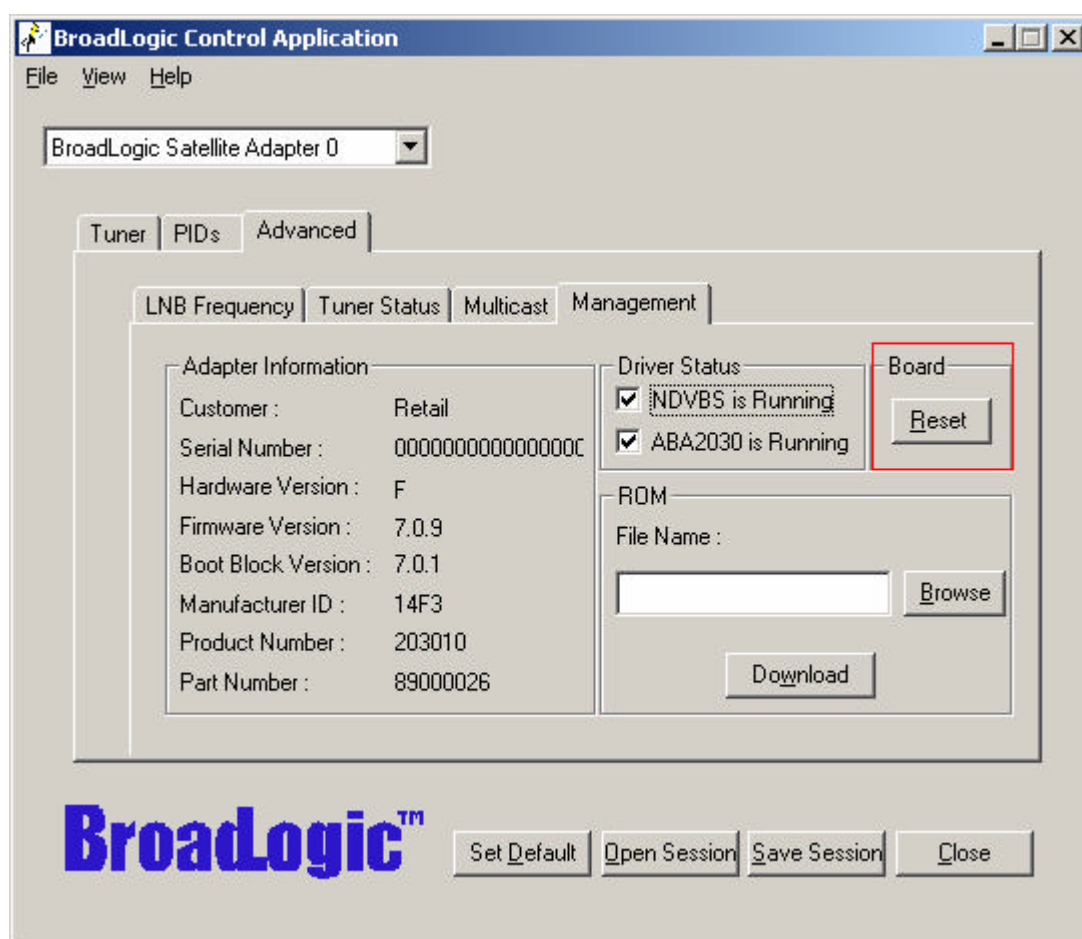


(fig. 4)

Finally, you can press the **Set Default** button at the bottom of the page.

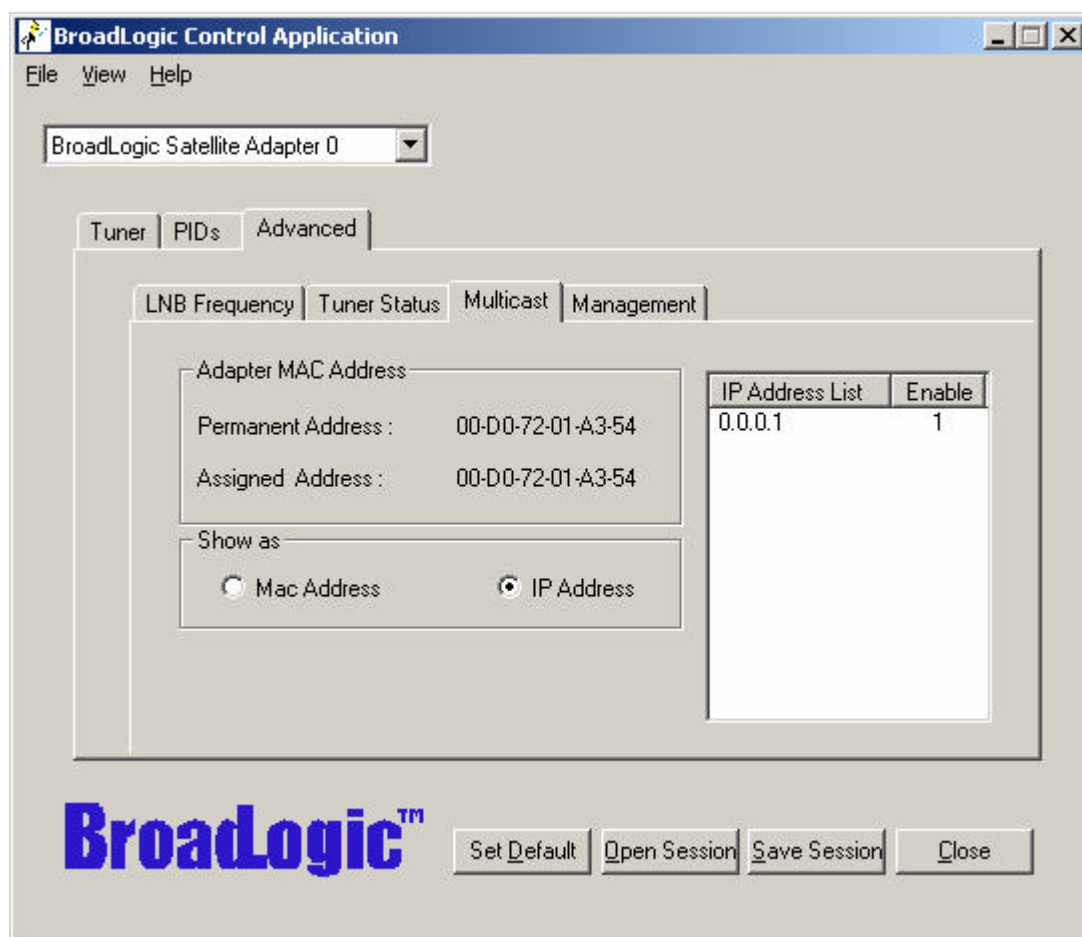
You can also save this configuration by pressing the **Save Session** button (i.e. if you need to use same services on different transponders); when you want to recall your configuration, you need to press the **Open Session** button and select the file in which your session has been saved.

If a reset of card is needed, it is possible to use the **Reset** button under the Advanced → Management tags (fig. 5).



(fig. 5)

In the *Multicast* panel (under *Advanced* tag) it is possible to see the MAC address of the card (fig. 6).



(fig. 6)