

# Broadcast Operations – Product Family

## PSISniffer V1.3

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▲ Runs on a Win2K PC that has a TechnoTrend TTBudget Card (PCI card), using which it receives DVB transport streams from a so-called L-Band Multi-Switch (controlled by 13V/18V and 0Hz/22kHz)

▲ Decodes (incl. CRC\_32 check) all of the following **MPEG-2/DVB/MHP\*** (P)SI sub-tables (incl. repetition rate and bit rate):

- AIT (Application Information Table)
- BAT (Bouquet Association Table)
- CAT (Conditional Access Table)
- EIT P/F Actual/Other (Event Information Table Present/Following)
- EIT Schedule 0.....15 Actual/Other
- NIT Actual/Other (Network Information Table)
- PAT (Program Association Table)
- PMT (Program Map Table)
- RST (Running Status Table)
- SDT Actual/Other (Service Description Table)
- TDT (Time and Date Table)
- TOT (Time Offset Table)

\* Ref: MPEG-2 ISO/IEC 13818-1  
DVB ETSI EN 300 468 V1.5.1  
MHP Spec 1.1.2



TTBudget



TTBudget\_CI



TTBudget Small



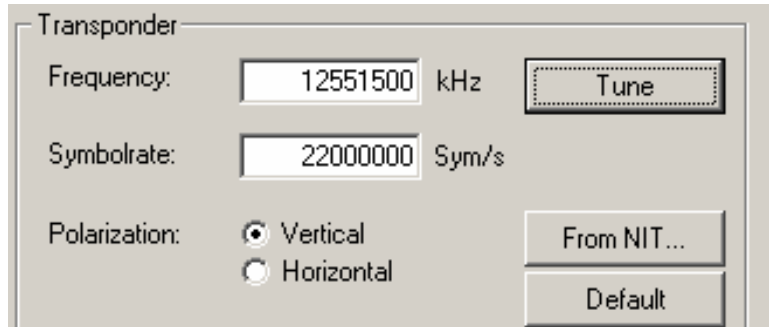
## PSISniffer V1.3 Features

## Minimum Requirements for PC

- Pentium III+ 2GHz+ CPU
- Windows 2000/XP
- 20GB Disk, 256 MB RAM
- TTBudget card

### ▲ Decoding of (P)SI tables includes these descriptors:

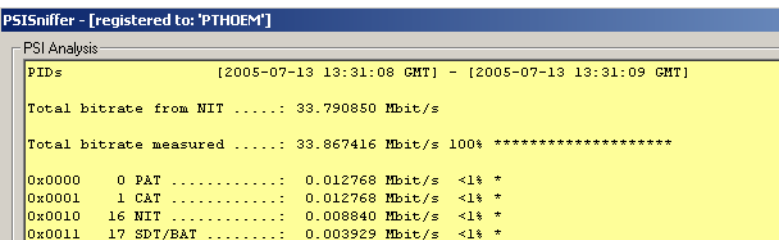
AC\_3\_descriptor  
 application\_descriptor  
 application\_icon\_descriptor  
 application\_name\_descriptor  
 application\_signalling\_descriptor  
 application\_storage\_descriptor  
 bouquet\_name\_descriptor  
 CA\_descriptor  
 CA\_identifier\_descriptor  
 content\_descriptor  
 country\_availability\_descriptor  
 data\_broadcast\_descriptor  
 data\_broadcast\_id\_descriptor  
 delegated\_application\_descriptor  
 dll\_location\_descriptor  
 dvb\_html\_application\_boundary\_descriptor  
 dvb\_html\_application\_descriptor  
 dvb\_html\_application\_location\_descriptor  
 dvb\_j\_application\_descriptor  
 dvb\_j\_application\_location\_descriptor  
 extended\_event\_descriptor  
 external\_application\_authorization\_descriptor  
 frequency\_list\_descriptor  
 ip\_signalling\_descriptor  
 ISO\_639\_language\_descriptor  
 linkage\_descriptor  
 local\_time\_offset\_descriptor  
 logon\_initialize\_descriptor  
 mosaic\_descriptor  
 multilingual\_bouquet\_name\_descriptor  
 multilingual\_component\_descriptor  
 multilingual\_network\_name\_descriptor  
 multilingual\_service\_name\_descriptor  
 network\_name\_descriptor  
 NVOD\_reference\_descriptor  
 parental\_rating\_descriptor  
 PDC\_descriptor  
 plugin\_application\_descriptor  
 prefetch\_descriptor  
 private\_data\_specifier\_descriptor  
 S2\_satellite\_delivery\_system\_descriptor  
 satellite\_delivery\_system\_descriptor  
 service\_descriptor  
 service\_identifier\_descriptor  
 service\_list\_descriptor  
 service\_move\_descriptor  
 short\_event\_descriptor  
 short\_smoothing\_buffer\_descriptor  
 stream\_identifier\_descriptor  
 stuffing\_descriptor  
 subtitling\_descriptor  
 telephone\_descriptor  
 teletext\_descriptor  
 terrestrial\_delivery\_system\_descriptor  
 time\_shifted\_event\_descriptor  
 time\_shifted\_service\_descriptor  
 transport\_protocol\_descriptor



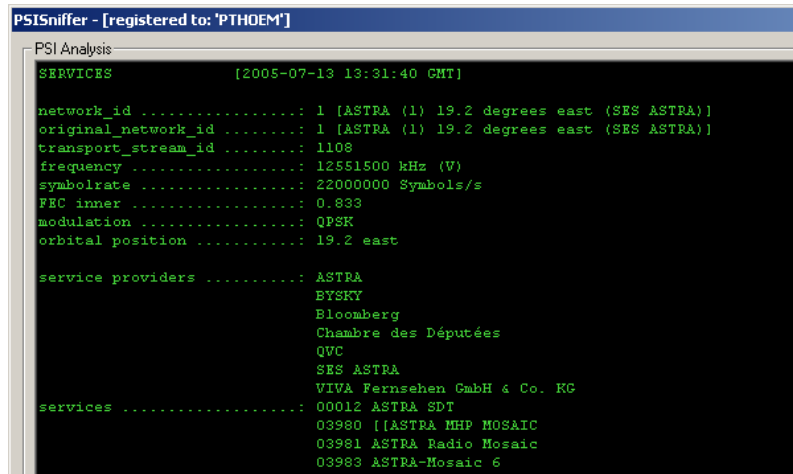
### ▲ User-friendly Graphical User Interface (GUI)

Easy to specify the frequency, symbol rate and polarization for the transponder whose sub-tables you want to view.

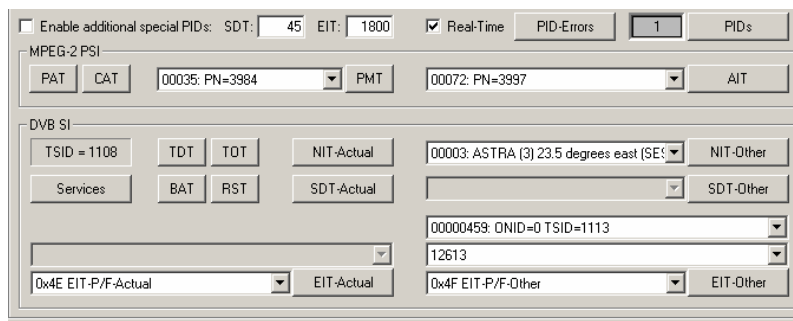
### ▲ (P)SI tables displayed in human-readable form



### ▲ Two modes: Snapshot (above) and Real-time (below), with scroll position maintained for ease of viewing



### ▲ MPEG-2 PSI and DVB SI tables easily selected for viewing



### ▲ Bit rate monitoring of all PIDs, with flexible sample interval

### ▲ PID-error monitoring

### ▲ Recorder for PID monitoring, with minimum, maximum and average value calculation and PID filter with easy-to-configure programme-based PIDs



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