



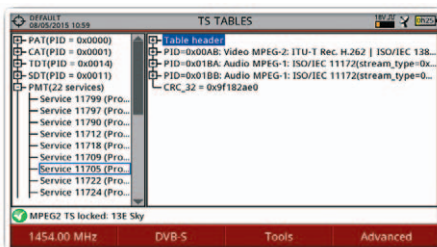
Transport stream analyzer in the RANGER Neo

The Transport Stream Analyzer is a very useful feature, since it ensures signal quality during deployment and operation of transmission systems such as radio, television and data systems. For the same reason it is an essential function for telecommunications regulators, who are watching the quality and integrity of transmissions.

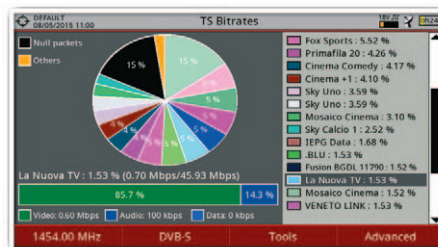
■ This tool allows the user to make a comprehensive analysis of the Transport Stream (TS) contained in a tuned signal. The signal received through any of the equipment inputs: TS-IN, RF, IP or Optical Fibre-RF, goes through the CAM module and through the terrestrial and satellite demodulators. Now, the transport stream (TS) is available for a detailed and deep analysis of the digital signal.

It is an indispensable tool for many professionals involved in the generation and transmission of signals, like head-ends, distribution networks, broadcasting centres, signal reception systems or system installers in general, which require a deep analysis of the signal in a very compact and self-contained equipment.

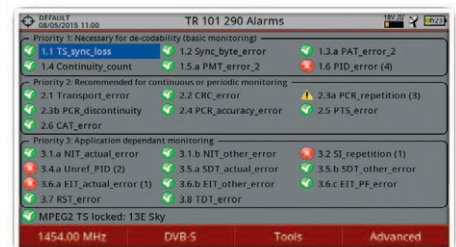
It can also be an interesting feature of knowledge and detailed study of signal structure for colleges or training centres, research centres, etc.



Tables. It shows all the metadata carried in the corresponding PSI/SI tables in a tree diagram so user can deploy its content to the detail.



Bitrates pie chart. It shows the bitrate information for each program in real time, in a graphical way and also shows the percentage contribution of each one to the total TS.



Alarms It shows a list of alarms that warn about any possible failure in the TS layer according to the three priority levels described in the TR 101 290 measurement guidelines by the DVB group.