

**TECHNICAL BULLETIN****Date: June 18<sup>th</sup>, 2009****Equipment: EP 3000 DVB-S2 (software versions L)****New software version: L 1.4.0****Previous version: L 1.3.1****UPGRADES AND MODIFICATIONS:****Introduction of the automatic search for terrestrial channels****NOTES FOR USE:**

- You can enter this function through CH-FR menu, Channel Search item.
- To exit this function, press the CHFR key again.
- A mask with the following data is displayed:
  - used channalization
  - previous measures
  - the highest level found during the previous search
  - the biggest power found during the previous search
- The following items are shown on the menu:
- SEARCH: this function allows the choice of channels among:  
ALL/ANALOGUE/DIGITAL.
  - MIN ANALOGUE LEVEL: if you select this item in the menu, the minimum level of search for analogue channels can be modified. You can insert the value using the keyboard (automatically set on numeric mode), or through the shaft encoder increasing-decreasing the level value by 1 dBuV.
  - MIN DIGITAL POWER: as for Min Analogue Level, but for digital channels.
  - START it starts searching. To stop searching in any moment, press the SPN key.
  - VIEW DATA moves the cursor to the data area where you can scroll the search table through the shaft encoder (knob).
- In data view, scrolling the table through the cursor, the equipment syntonises on the channel corresponding to the cursor position. Selecting the “TRANSPARENT” mode in the SPAN menu at OSD item, the spectrum can be displayed while you are scrolling the table. Selecting a channel through the ENTER key, the meter behaves as follows: if the channel is analogue, the equipment enters that channel on measure mode; if the channel is digital, the equipment enters the BER-measure mask.

**In both cases the equipment exits the channel-search function to carry out one of the two selected functions. If both the QAM module and the OFDM module are installed on the equipment, the menu to choose between the two modules is displayed.**

- **in order to send the search results to the built-in or external printer or to the PC, use double click DATA.**
- **The search data are stored and shown at the next search.**