

How to lock Eumetsat VCM signal with TBS IP tool

- 1) Input correct parameters in **Tuner Setting**, lock the signal.

TBSIPTools - ProVersion: 3.0.3.8

TBS Data Services

Tuner Setting | MAC Filter | IP Over DVB | Motor/Positioner

Satellite: 0100 Eutelsat W1

LOF 1: 9750 Transponder: 11263,H,33000

LOF 2: 10600 Frequency: 11263 MHz

Switch: 11700 Polarity: Horizontal

Diseqc: Diseqc NUL SymbolRate: 33000 KSps

If GoldCode need to be set, Please input it here.

Code: 0 Code Type: Gold Code

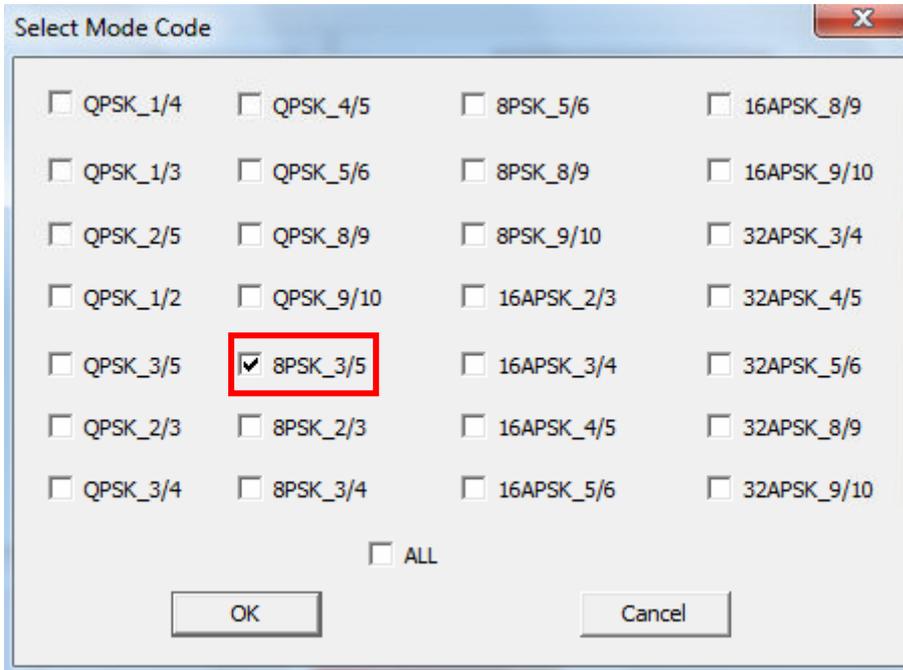
Strength 59 Quality 42

SNR: 114 dB LockStatus: LOCKED

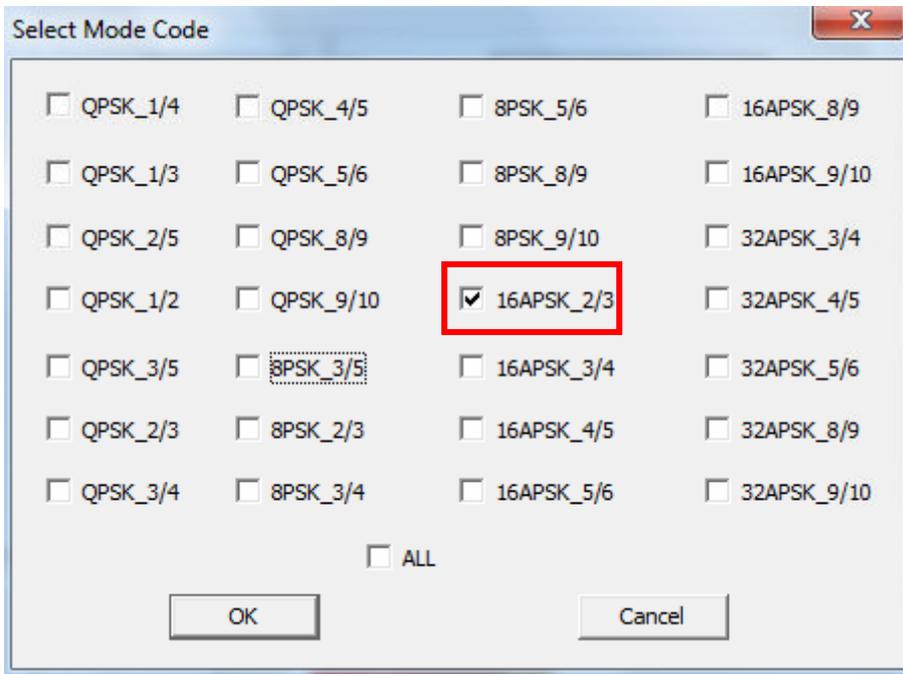
BER: 0 bps

Input Stream Identify:

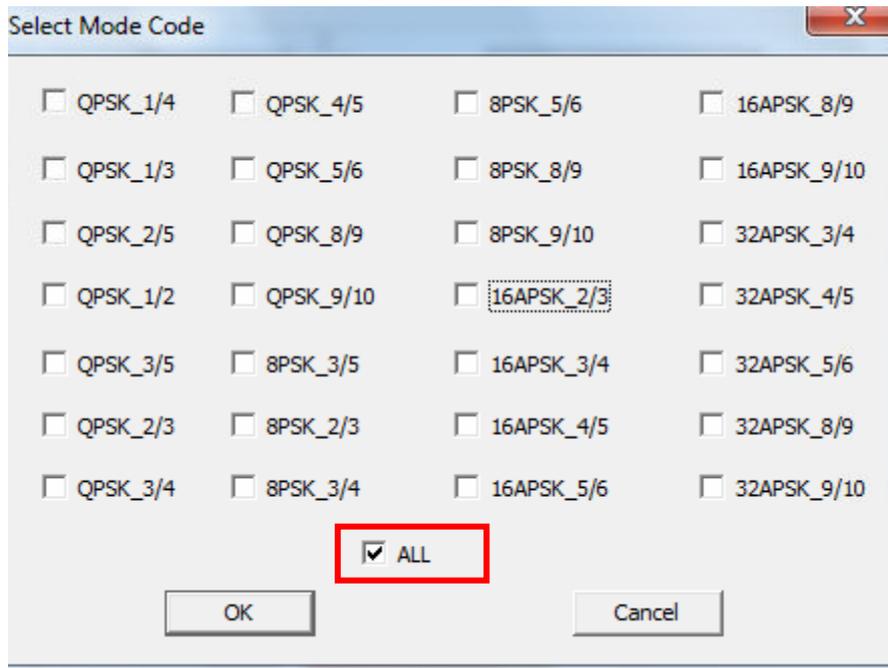
2) Click the **Set MODCODs** button , select Eumetsat Basic Service **DVBS2 8PSK FEC 3/5**



Or select Eumetsat High Volume Service **DVBS2 16APSK FEC 2/3**



You can also select none process MODCODS filters and check "ALL" instead.



- 3) After setting MODCODS filters, "Lock" the signal again ,you will have correct Eumetsat IP data come in.

This is the Basic Service data.

The screenshot shows the TBS Data Services software interface. At the top, there are tabs for "Tuner Setting", "MAC Filter", "IP Over DVB", and "Motor/Positioner". The "IP Over DVB" tab is selected. The status bar indicates "Device Opened Successfully".

Below the status bar, there are two sections: "Active PIDs:" and "Selected PIDs:". The "Active PIDs:" section contains a table with columns for PID, Type, and MAC. The "Selected PIDs:" section is currently empty.

PID	Type	MAC
500	DATA	41 47 5E 5F DE 6E
500	DATA	01 00 5E 5F DE 01
500	DATA	01 00 5E 5F DE 1E
500	DATA	01 00 5E 5F DE 03
500	DATA	01 00 5E 5F DE 19
500	DATA	01 00 5E 5F DE FE
500	DATA	01 00 5E 5F DE 02
500	DATA	00 00 C1 DE 47 03
500	DATA	01 00 5E 5F DE EB
500	DATA	00 00 C1 DE 01 47

Below the table, there is a checkbox labeled "Show all active PIDs:" which is checked. To the right of the table, there are controls for "Rate:" (0.000000 M bps) and "Packet Received:" (0.000000 M Bytes). There are also buttons for "Insert Pid" and "Remove Pid".

At the bottom of the interface, there are signal strength and quality indicators. The "Strength" indicator is selected and shows a value of 59. The "Quality" indicator shows a value of 41. Below these, there are fields for "SNR: 113 dB" and "BER: 0 bps". There is an "Option" button and a "LockStatus" field set to "LOCKED" with a green checkmark icon.

At the very bottom, there is an "Input Stream Identify:" dropdown menu and an "Apply" button.

Here is the High volume IP data.

The screenshot displays the TBS Data Services software interface. At the top, there are navigation tabs: Tuner Setting, MAC Filter, IP Over DVB (selected), and Motor/Positioner. Below the tabs, the Status field shows "Device Opened Successfully".

The main section is divided into "Active PIDs" and "Selected PIDs". The "Active PIDs" table lists 12 entries, all with PID 600 and Type DATA. The "Selected PIDs" area is currently empty. To the right of the "Selected PIDs" area, there is a "Hex" checkbox (unchecked), a "PID value:" input field, and "Insert Pid" and "Remove Pid" buttons. Below these are "Rate:" and "Packet Received:" input fields, both showing "0.000000" with "M bps" and "M Bytes" units respectively.

At the bottom left of the main section, there is a checked checkbox labeled "Show all active PIDs".

The bottom section of the interface shows signal strength and quality metrics. "Strength" is 59 and "Quality" is 42, each with a corresponding color-coded bar. Below this, "SNR:" is 114 dB and "BER:" is 0 bps. There is an "Option" button, a "LockStatus" field showing "LOCKED", and a green checkmark icon. At the very bottom, there is an "Input Stream Identify:" dropdown menu and an "Apply" button.