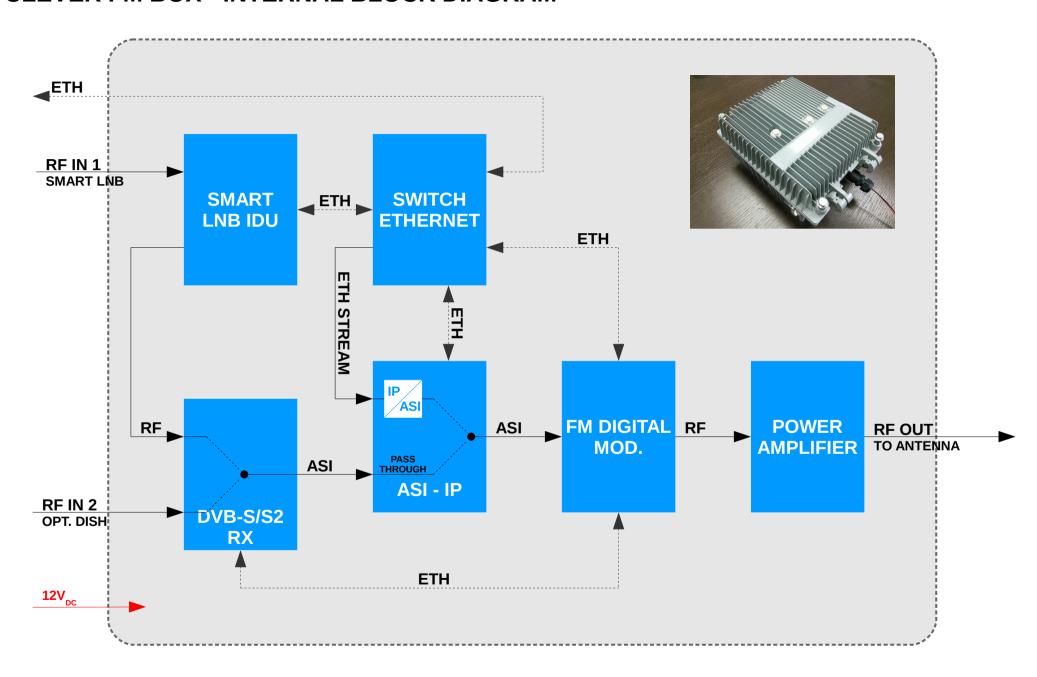


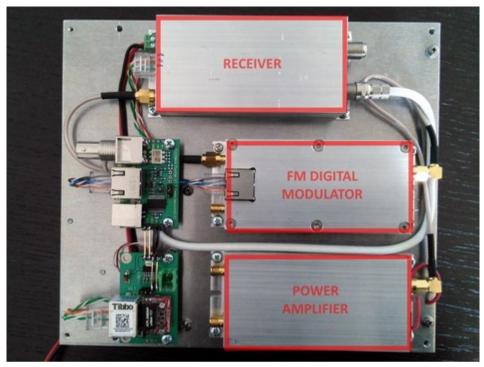
# Clever FM

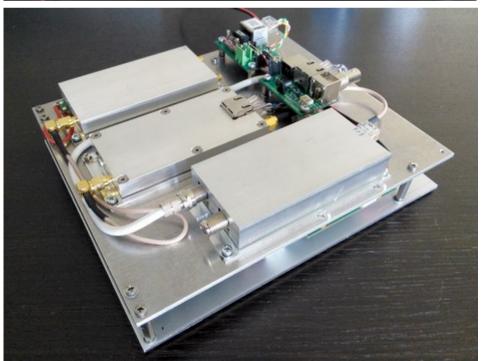
Compact low-power FM radio broadcasting system Digital FM exciter for existing high-power TXs

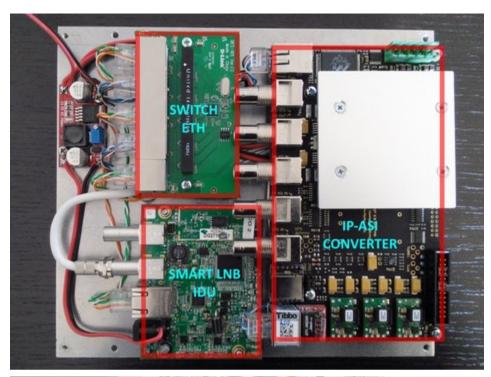


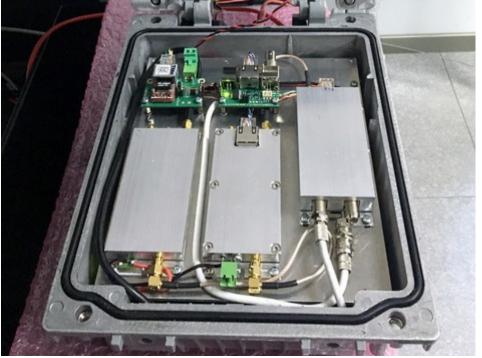
#### **CLEVER FM BOX - INTERNAL BLOCK DIAGRAM**

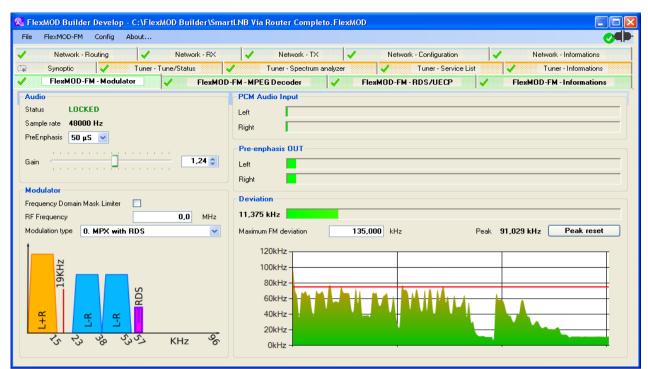




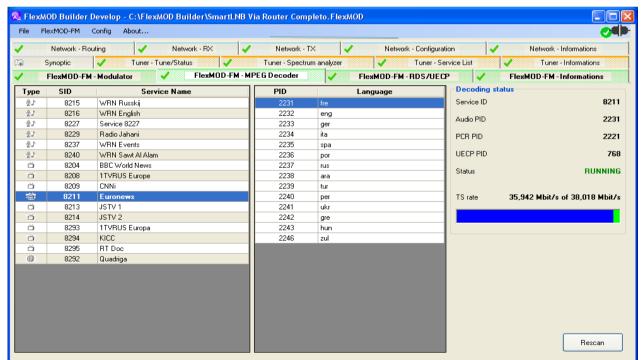




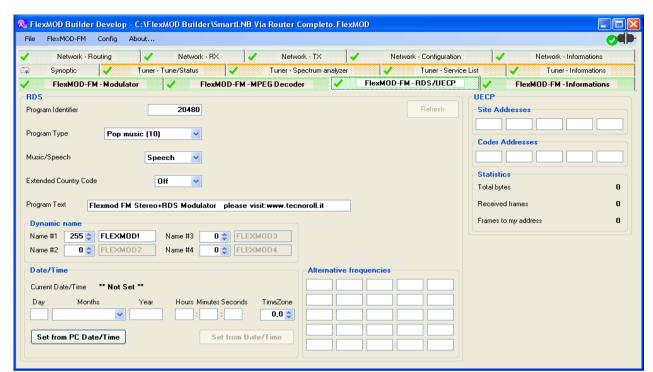




Screenshot 2 - MPEG decoder tab

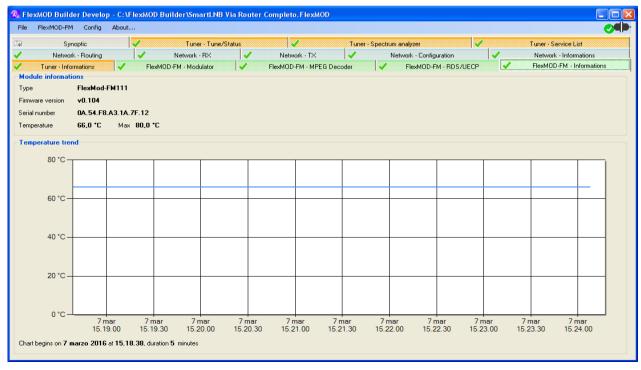


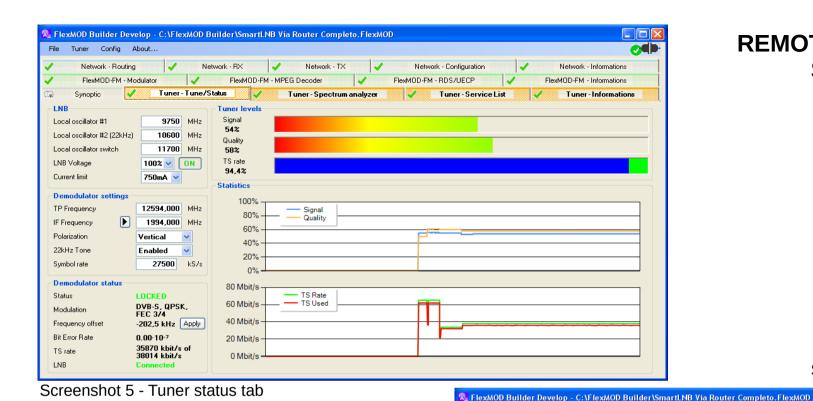
Screenshot 1 - Tuner status tab



Screenshot 4 - Modulator info tab

Screenshot 3 - RDS/UECP tab





Resolution 5 MHz

100 intervals of5,000 MHz each

Screenshot 6 - Spectrum analyzer tab

Network - Informations

0,5 dB/Div
Center

Autocenter
on Y span
adjust

RefLvt: -38dB
Y Reset

1539 MHz

Freeze last spectrum

FlexMOD-FM - Informations

Tuner - Informations

File Tuner Config About...

Network - Routing Network - RX Network - TX Network - Configuration Network - RX Network - TX Network - Configuration Network - RX Network - TX Ne

1039 MHz

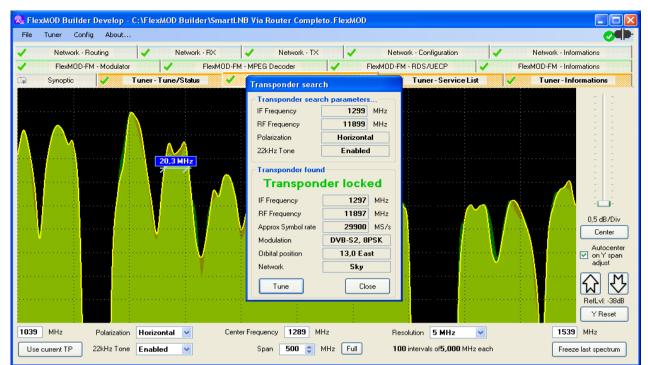
Use current TP

Polarization Horizontal

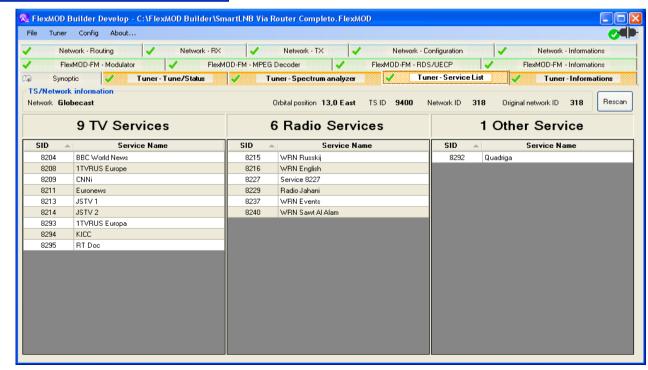
22kHz Tone Enabled

Center Frequency 1289 MHz

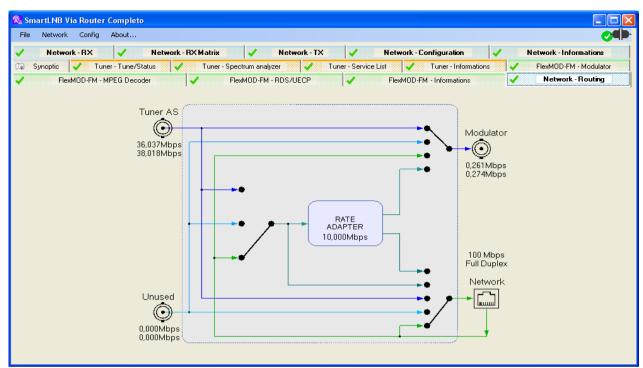
Span 500 \$ MHz Full



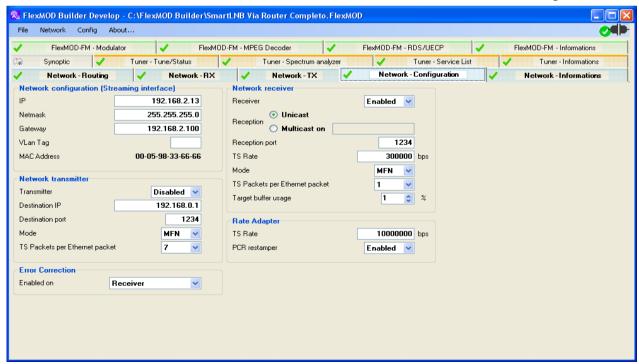
Screenshot 8 - Service list tab



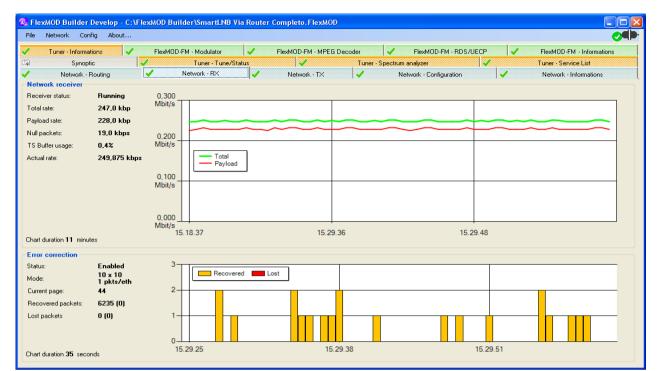
Screenshot 7 - Spectrum analyzer tab



Screenshot 10 - Network configuration tab

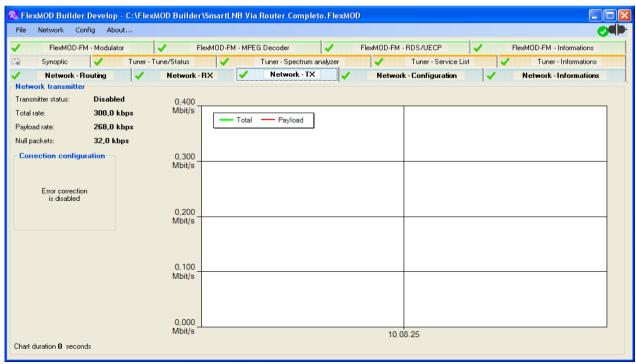


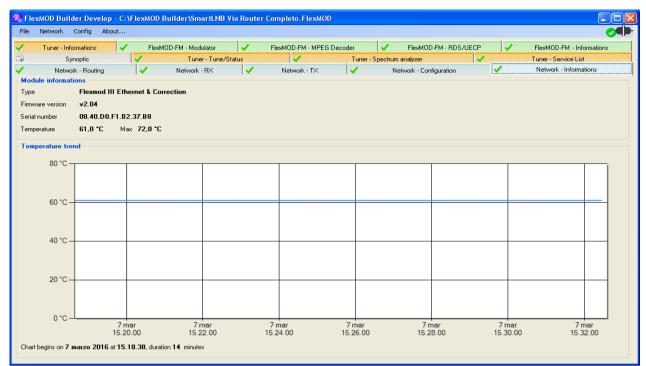
Screenshot 9 - Network routing tab



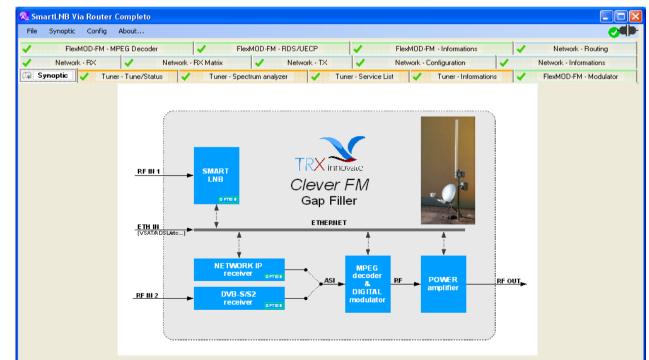
Screenshot 12 - Network tx status tab

Screenshot 11 - Network rx status tab



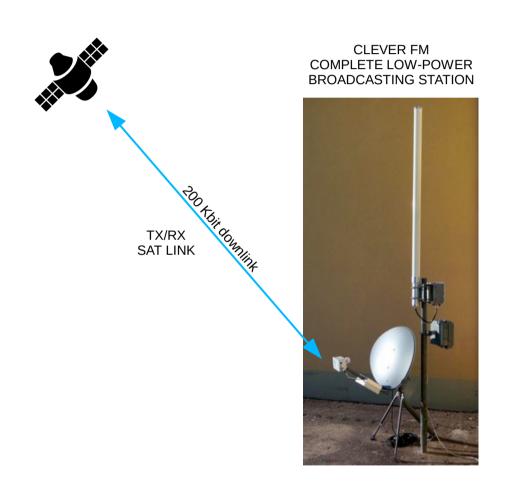


Screenshot 14 - Synoptic tab



Screenshot 13 - Network info tab

CLEVER FM as a complete mast-mounted solution.
Allows to easily create, expand or gap-fill a digital FM network.



CLEVER FM as a digital upgrade. Allows to re-use existing high-power TXs and convert them for digital FM distribution.

