R&S®ETL TV Analyzer
The universal reference receiver for broadcast signal analysis

The R&S®ETL TV analyzer has been successful on the market for years. For many network operators and manufacturers, it is the ultimate reference measurement tool. An upgraded model is now available.
The R&S®ETL combines the functionality of a TV (analog and digital) and FM (radio) signal analyzer, a video and MPEG TS analyzer and a spectrum analyzer in a single instrument. The R&S®ETL also contains generators to create analog video signals, audio signals and MPEG-2 transport streams.

**Key facts**
- Realtime demodulation for analog TV, DVB-T, DVB-T2, DVB-H, ATSC/8VSB, ATSC Mobile DTV, ISDB-T(B), DTMB, T-DMB/DAB, FM (radio), J.83/A/C, DVB-C, J.83/B
- Advanced frontend and FPGA-based demodulation
- Fast and accurate measurements of transmission impairments (e.g. level, MER(f), BER, echo pattern, amplitude and phase response)
- Frequency range from 500 kHz to 3 GHz
- Preselection with additional 75 Ω RF input
- Video display and output for MPEG-2, H.264 (MPEG-4), HEVC and AVS/AVS+ coded video signals

Hardware-based video decoding (MPEG-2/H.264/HEVC/AVS(+)) with video output on integrated screen and CCVS/HDMI™ output.

### Ordering information

<table>
<thead>
<tr>
<th>Designation</th>
<th>Type</th>
<th>Order No.</th>
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<tbody>
<tr>
<td>TV Analyzer, 500 kHz to 3 GHz, with tracking generator</td>
<td>R&amp;S®ETL</td>
<td>2112.0004.13</td>
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<tr>
<td>AV Decoder and TS Processing</td>
<td>R&amp;S®ETL-B380</td>
<td>2118.4030.02</td>
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<td>UHD Extension</td>
<td>R&amp;S®ETL-K381</td>
<td>2118.4253.02</td>
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<td>IP Input and Output 1)</td>
<td>R&amp;S®ETL-K386</td>
<td>2118.4260.02</td>
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1) Enabled by software option planned for end of 2017.

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Echo pattern with SFN frequency offset measurement (red lines).