## Analyze RF & Baseband

**From RF to video, your digital TV « swiss knives »**

### Measurement Receivers

<table>
<thead>
<tr>
<th>DIVISUITE</th>
<th>CHARACTERISTICS</th>
<th>SOFTWARE OPTIONS</th>
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<tbody>
<tr>
<td>REFEEII</td>
<td>RF Input</td>
<td>IP Through the PC's Ethernet interface</td>
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### Professional Receivers

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<td>DIVICATCH RF ISDB-T/TB</td>
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<td>DIVICATCH RF-T1/C T2/C2</td>
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### Baseband Adapters

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*In their «all options» package, our test devices can be shipped in max 48h*
DIVISUITE BASE

- TS Recorder
- Bitrate, Log Files
- TS Player over ASI
- TS IP Forward over IP
- A/V Output

COMMON FEATURES COMING AS A DEFAULT PACKAGE

Stream Overview

Bitrate graphs
Drag & Drop PID

Bitrate Alarms

Record the analyzed TS to file format

Offline Analysis

Forward the analyzed TS to the PC’s IP interface

Audio/Video decoding:
H.265/HEVC, H.264/MPEG-4 AVC, MPEG-1/2, AAC, MP3...

Play the analyzed TS over the ASI output
DIVISUITÉ SOFTWARE OPTION

- Signal Quality: level, SNR, MER, BER
- Graphs, Report Files
- Modulation Parameters
- Constellation
- Channel Impulse Response
- SFN Synchronisation

Validate the Modulator/TX RF Quality
Signal Quality measurement: level, SNR, MER, BER
Modulation parameters
Constellation
DVB-T2 L1 signaling

Test the field RF Quality
TX Echoes diagram

Validate SFN synchronization
SFN Drift
1 PPS & 10 MHz inputs

Modulator/TX endurance tests
Log & Report files
Save events and trend measurements

www.test-tree.com
DIVISUITE SOFTWARE OPTION

- TS Standard: MPEG, DVB, ATSC 1.0, ISDB-T/Tb (BTS)
- PSI/SI Tables Decoding
- PCR Graphs
- ETSI TR 101 290
- ASI Network Delay

Transport Stream complete Analysis!

Validate PSI/SI Tables
Supported TS: MPEG, DVB, ATSC 1.0, ISDB-T/Tb
Add your own table analysis specification

Validate ETSI TR 101 290 measurements
ETSI TR 101 290 Priority 1,2,3
Customized alarm thresholds
Log files

Check PCR
Drag & Drop PID containing PCR
PCR accuracy graphs

Advanced Service Analysis
Component type & structure
Component bitrates
DIVI SUITE SOFTWARE OPTION

- T2 L1 pre/post signaling, PLP allocation (BB frame, TS, padding/overflow)
- **NEW** T2 timestamp, BB frame, ISSY field
- Single & Multi-PLP, PLP extraction

Validate your DVB-T2 Gateway!

**T2-MI Analyzer**

- PLP extraction/filter

**Check T2-MI streams**
- T2 L1 pre/post signaling
- ETSI TR 101 290 T2-MI alarms

**Check T2 Frames**
- BB frame header
- ISSY field
- T2 timestamp
DIVISUITE SOFTWARE OPTION

- GNSS Receiver (GPS/GLONASS)
- Test Reports (Google Earth compliant)

Test the field coverage!

GNSS receiver enabled
Real-time measurement

Display results in Google Earth or Google Fusion Tables applications

Generate Google Earth compliant files (KML)
Customize measured parameters