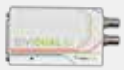
ANALYZE RF & BASEBAND

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

LIGHTWEIGHT DEVICES
USB SELF-POWERED
DIVISUITE

	STANDARDS	CHARACTERISTICS: RF Input	ASI Input/Output	IP Input/Output	SPI Input/Output	1 PPS & 10 MHz Input	GNSS Input	A/V Output	Recorder	Player	SOFTWARE OPTIONS: RF Scope	TS Analyzer	T2-MI Analyzer	Test Coverage
Measurement Receivers														
 REFEREE II	DVB-T DVB-T2 Lite DVB-C DVB-C2 ISDB-T/Tb*	•	•	•		•	•	•	•	•	•	•	•	•
Professional Receivers														
 DIVICATCH RF-S/S2	DVB-S DVB-S2	•	•	•(1)				•	•	•	•	•	•	
 DIVICATCH RF ISDB-T/TB	ISDB-T/Tb	•	•	•(1)				•	•	•	•	•		
 DIVICATCH RF-T/C T2/C2	DVB-T DVB-T2 Lite DVB-C DVB-C2 ITU-J83 Annexes A, C	•	•	•(1)				•	•	•	•	•	•	
 DIVICATCH RF-C	DVB-C ITU-J83 Annexes A, B, C	•	•	•(1)				•	•		•	•		
Baseband Adapters														
 DIVIDUAL ASI	Baseband DVB-T DVB-T2 Lite DVB-C DVB-C2 DVB-S DVB-S2 ISDB-T/Tb ATSC DTMB		•	•(1)				•	•	•		•	•	
 DIVIDUAL ASI+SPI LVDS OR TTL			•	•(1)	•			•	•	•		•	•	
 DIVIDUAL ETI	Baseband DAB, DAB+ T-DMB		•						•	•				

48H MAX SHIPMENT In their «all options» package, our test devices can be shipped in max 48h

 DIVISUITE IP

Pure Software Application (Fixed PC license, Floating server license)

(1) IP through the PC's Ethernet interface
A/V Output : H.265/HEVC, H.264/MPEG-4 AVC, MPEG-1/2, AAC, MP3...

*Contact us for availability

sales@test-tree.com

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DIVISUITE BASE

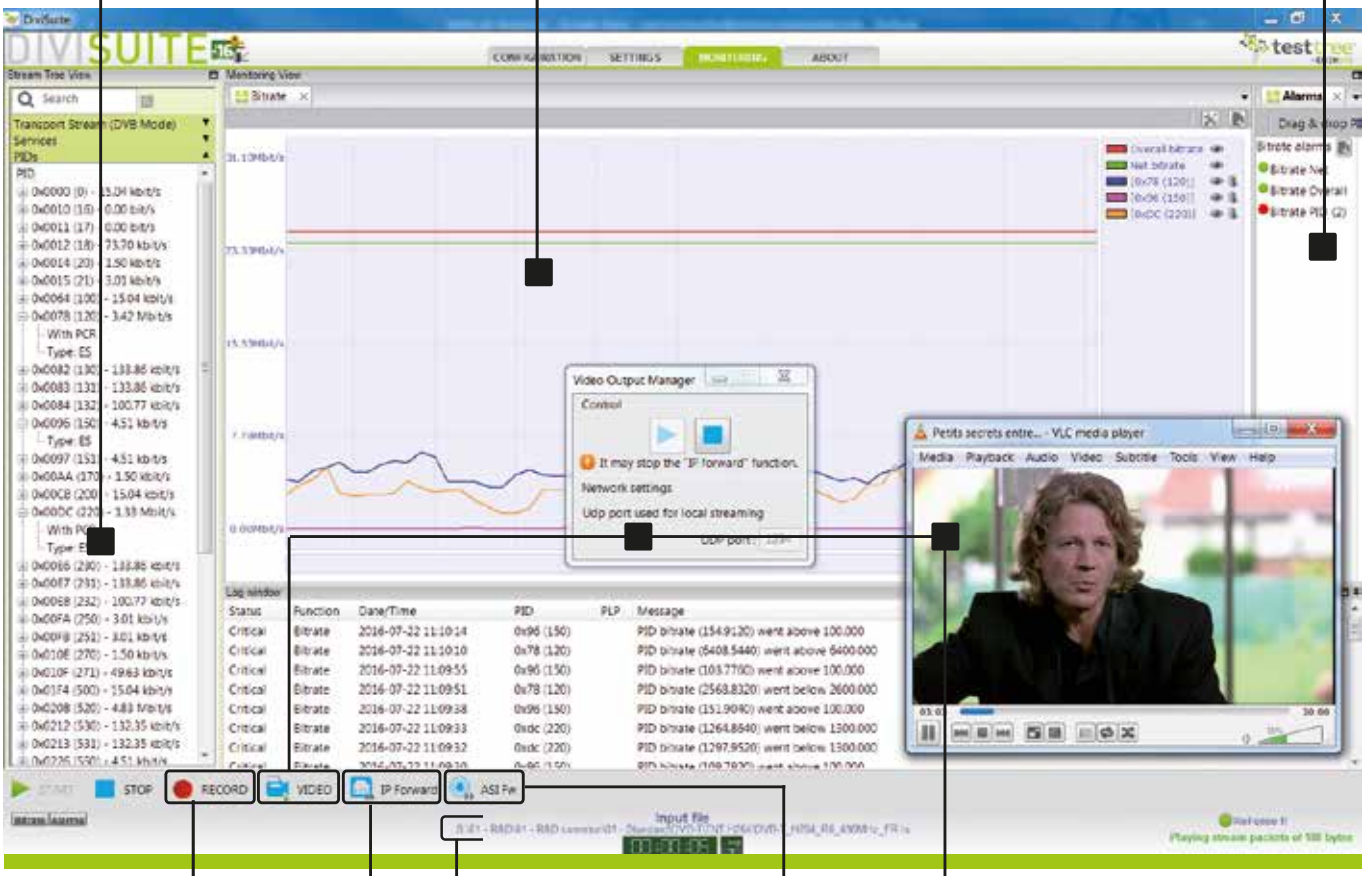
TS Recorder
Bitrate, Log Files
TS Player over ASI
TS IP Forward over IP
A/V Output
H.265/HEVC, H.264/MPEG-4 AVC, MPEG-1/2, AAC, MP3...

COMMON FEATURES COMING AS A DEFAULT PACKAGE

Stream Overview

Bitrate graphs
Drag & Drop PID

Bitrate Alarms



Offline Analysis

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

H.264 MPEG-4/AVC
H.265 HEVC

Record the analyzed TS to file format

Forward the analyzed TS to the PC's IP interface

Play the analyzed TS over the ASI output

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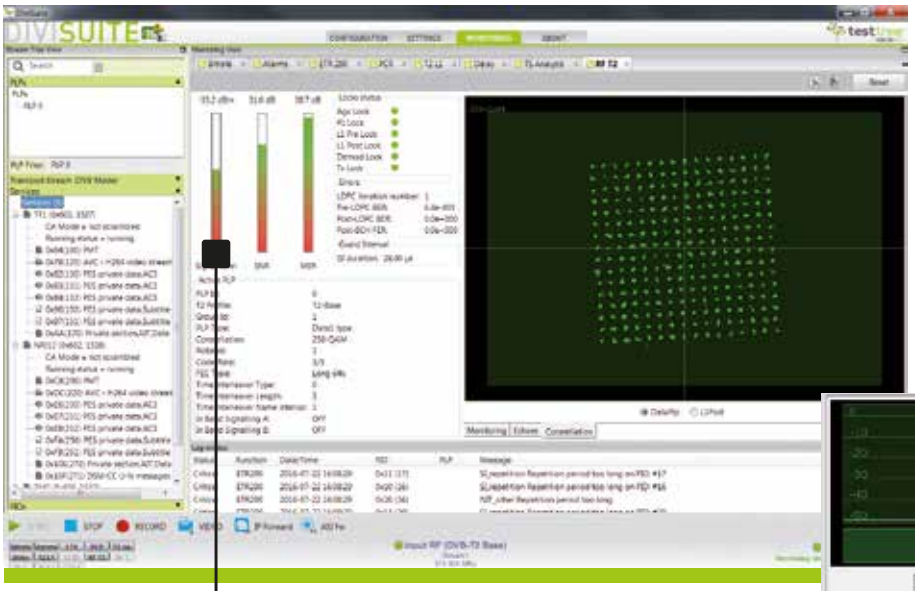
RoHS 2002/95/EC

DIVISUITE SOFTWARE OPTION

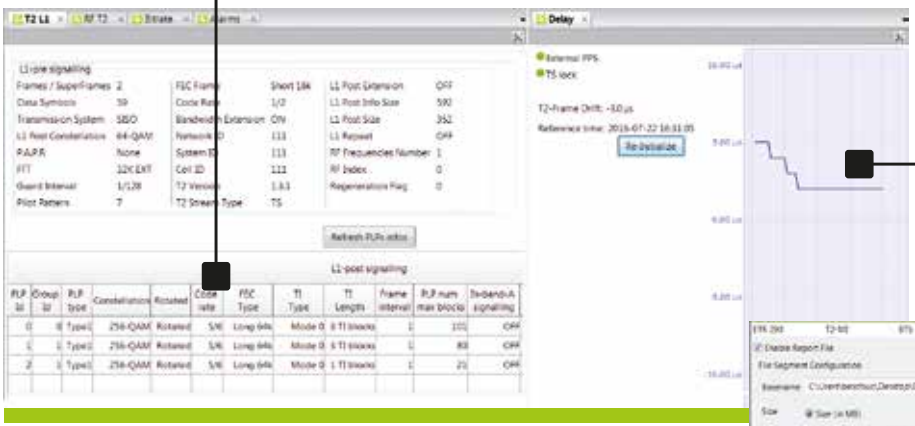
RF Scope

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



Test the field RF Quality
TX Echoes diagram

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



Validate SFN synchronization
SFN Drift
1 PPS & 10 MHz inputs

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

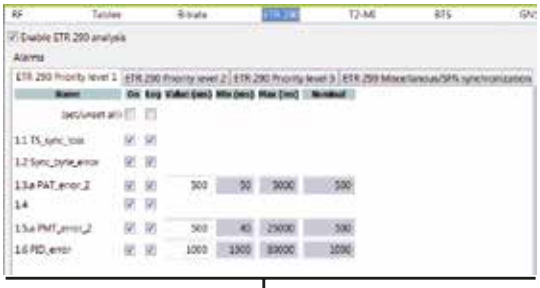
DIVISUITE SOFTWARE OPTION

TS Analyzer

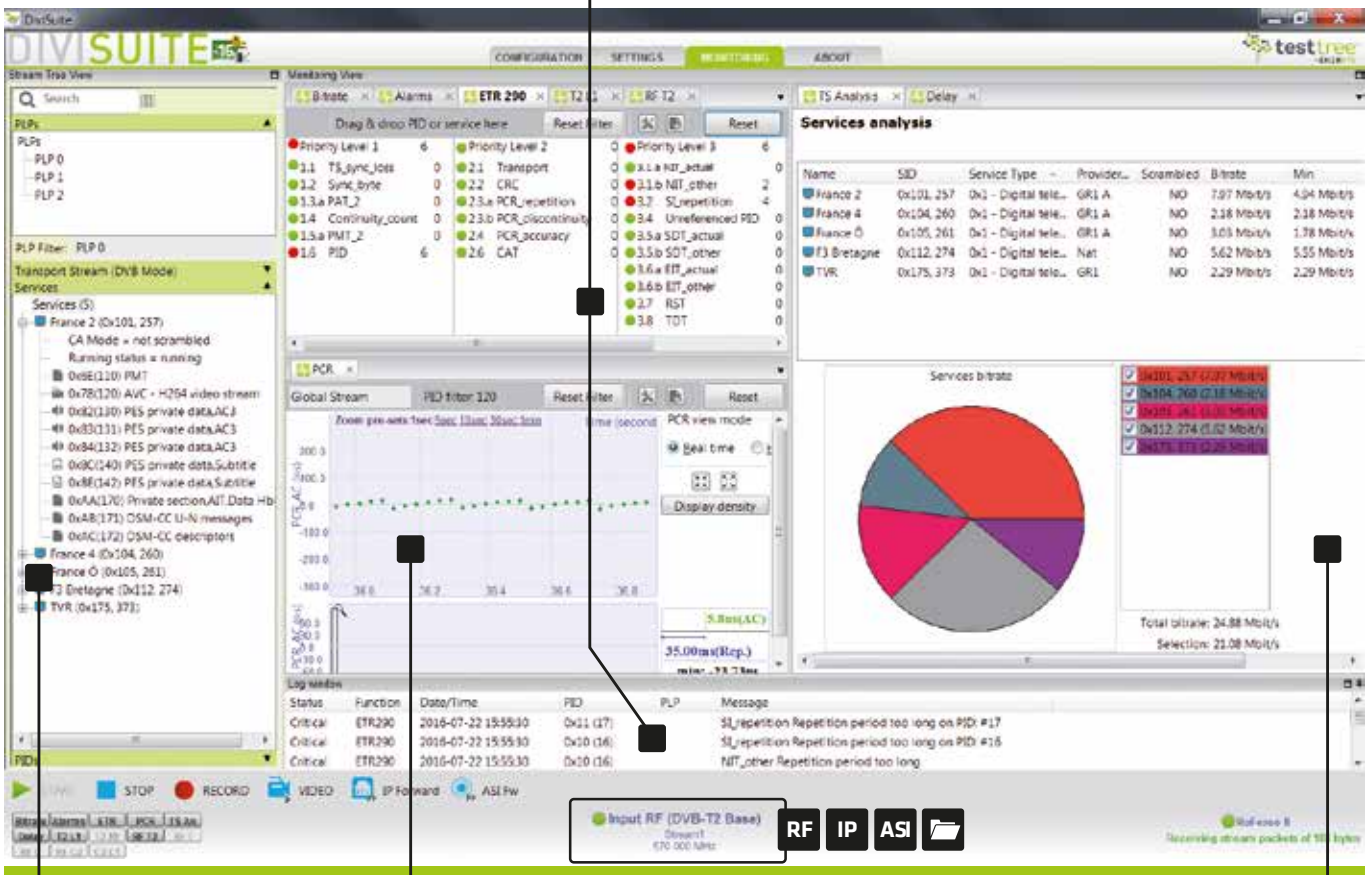
- TS Standard: MPEG, DVB, ATSC 1.0, ISDB-T/Tb (BTS)
- PSI/SI Tables Decoding
- PCR Graphs
- ETSI TR 101 290
- ASI Network Delay

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 regionalization
Service Plan

Check PCR
Drag & Drop PID containing PCR
PCR accuracy graphs

Advanced Service Analysis
Component type & structure
Component bitrates

DIVISUITE SOFTWARE OPTION

T2-MI Analyzer

- 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!

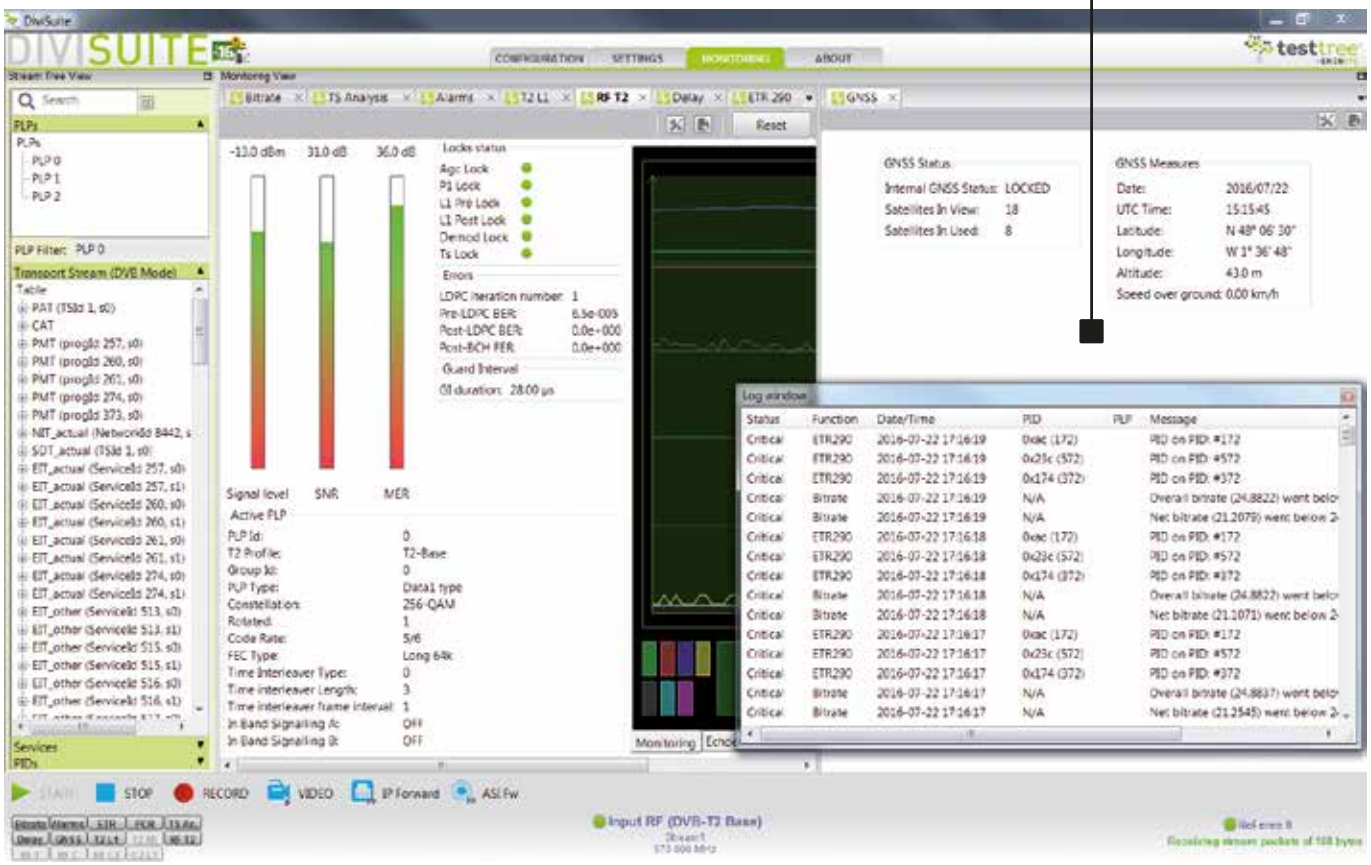
DIVISUITE SOFTWARE OPTION

Test Coverage

- 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

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