



The TPEG Analyser allows the graphical representation and interpretation of several data streams in real time, as well as the interpretation of recorded data. Meaningless byte data streams turn into TPEG data blocks that are easy to analyse. At first glance differences between the various services can be spotted, and the most important parameters can be compared.

service ID	content ID	application
81.70.21	0	1:TEC

message ID	version ID	OLR 1.0 raw
23	169	
26	169	
27	169	
28	169	
32	169	error
41	169	
44	169	
49	169	
61	169	
64	169	
65	169	
66	169	
67	169	
68	169	
69	169	
70	169	
71	169	
72	169	
73	169	
74	169	error
75	169	
76	169	
77	169	
78	169	
79	169	error
80	169	error
82	169	
83	169	error
84	169	
85	169	error

```
<?xml version="1.0" encoding="UTF-8" >
<lr:OpenLRLocationReferenceLink>: lr:method [63 bytes]:
  <td:MajorMinorVersion>: olr:version: 1.0
  <olr:LinearLocationReference>: olr:locationReference [59 bytes]:
    <olr:FirstLocationReferencePoint>: olr:first [21 bytes]:
      <olr:AbsoluteGeoCoordinate>: olr:coordinate [7 bytes]: longi
        <td:IntSi24>: olr:longitude: 657327
        <td:IntSi24>: olr:latitude: 2439005
      <olr:LineProperties>: olr:lineProperties [7 bytes]:
      <olr:PathProperties>: olr:pathProperties [7 bytes]:
```

The following applications are possible with the TPEG Analyser:

- ▶ Monitoring and recording of TPEG Services
- ▶ Quality assurance and debugging
- ▶ Comparing TPEG services
- ▶ Reference information for the development of devices and terminals
- ▶ Testing TPEG encoders
- ▶ Visualising and controlling of TPEG services
- ▶ TPEG Binary to tpegML conversion

TPEG ANALYSER

we can TPEG

Features

- ▶ Data sources: TPEG Binary, ETI (NI-G.703/NA-G.704), DAB Subchannel files, DAB receivers and network streams can be used
- ▶ Simultaneous representation of bandwidth, synchronisation and reception for several services
animated visualisation of the different TPEG transport frames in real time
- ▶ Detailed output of the decoded frame content
- ▶ TPEG message management and tpegML export
- ▶ Multiple Application Plug-In versions
- ▶ Plugin for dab subchannel UDP input
- ▶ Cyclic tpegML export of message sets
- ▶ Expert “diff” feature to compare binary frames
- ▶ TPEG transport frame type information for unknown frame types in stream view
- ▶ WGS84 coordinate decoder Plug-In e.g. to map them in Google maps
- ▶ Zlib Plug-In to analyse zlib compressed service frames
- ▶ Support for new applications and toolkits (RTM; PTI; PKI; SNI and others even proprietary)
- ▶ Optional HECA support
- ▶ Location referencing Container incl. OpenLR location referencing
- ▶ Experimental Plug-Ins incl. universal location referencing ULR 0.7 (for TISA TAWG Members)
- ▶ 100% TISA TPEG2 compliance

Package contents

- ▶ TPEG Analyser Software on DVD
- ▶ USB Dongle (required to run software)
- ▶ Documentation
- ▶ Six Months of software maintenance, incl. bug fixes and new features
- ▶ USB DAB receiver
- ▶ Maintenance contract is available on demand

System requirements

- ▶ OS: Microsoft Windows 7 or newer, Linux version on request
- ▶ Java: Sun JRE Version 1.8 or newer