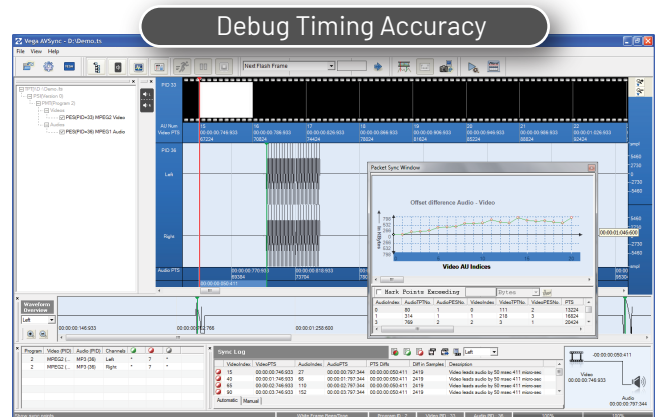# VEGA AVSync

Audio Video Sync Analysis and Debug

VEGA AVSync presents a detailed analysis on audio-video synchronization. It identifies out of sync points in the media content and provides relevant debug information to enable accurate assignment of Presentation Time Stamps. VEGA AVSync is designed to expedite testing and delivery of standards-compliant encoder, multiplexer and decoder systems.

Key Features

- Detailed insight into sync points: Packet number, frame number, PTS value
- Manual/Automatic detection of sync points
- Channel-related summary information: Audio/video index, sync points, out-of-sync points, PTS, and PTS Diffs
- Quick forward and backward navigation across the PTS timeline
- Support for rich set of AVSync test patterns used for line-up
- Coarse Sync measurements using Packet Sync feature
- Customization options for tolerance levels
- Integrated media player
- Messages in XML format for ease of distribution
- Facility to store analyzed data for future reference

Debug Timing Accuracy

Standard Support

System File - MPEG-2 transport, MPEG-2 Program, MP4, and fMP4

Video - HEVC, H.264, MPEG-4, and MPEG-2

Audio - AAC, AC-3, E-AC3 (Dolby Digital Plus), Dolby-E, AES-3/LPCM, MPEG-1/MPEG-2 Audio, and MP3