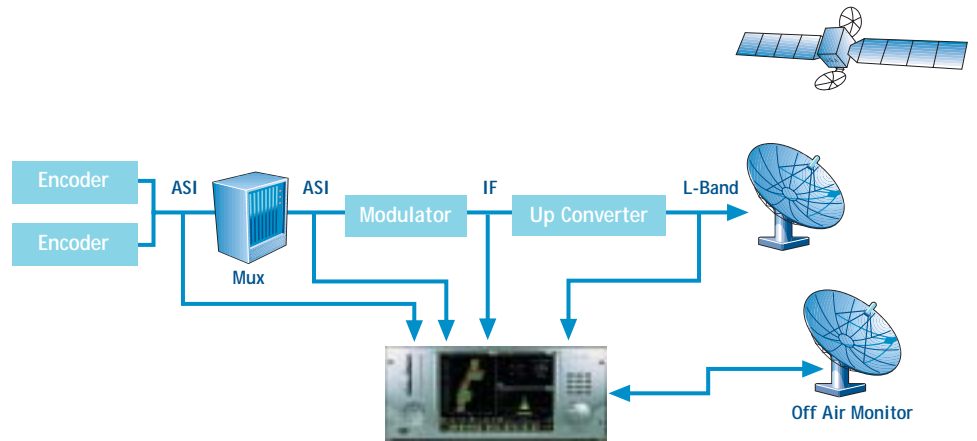




DVStation: Advanced Monitoring for Digital Networks

QPSK Intermediate Frequency TSP



SIGNAL AND PERFORMANCE MONITOR

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IMPAIRMENT DETECTION



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REAL-TIME CONSTELLATION DISPLAY

TRANSPORT STREAM PROCESSOR FUNCTIONALITY

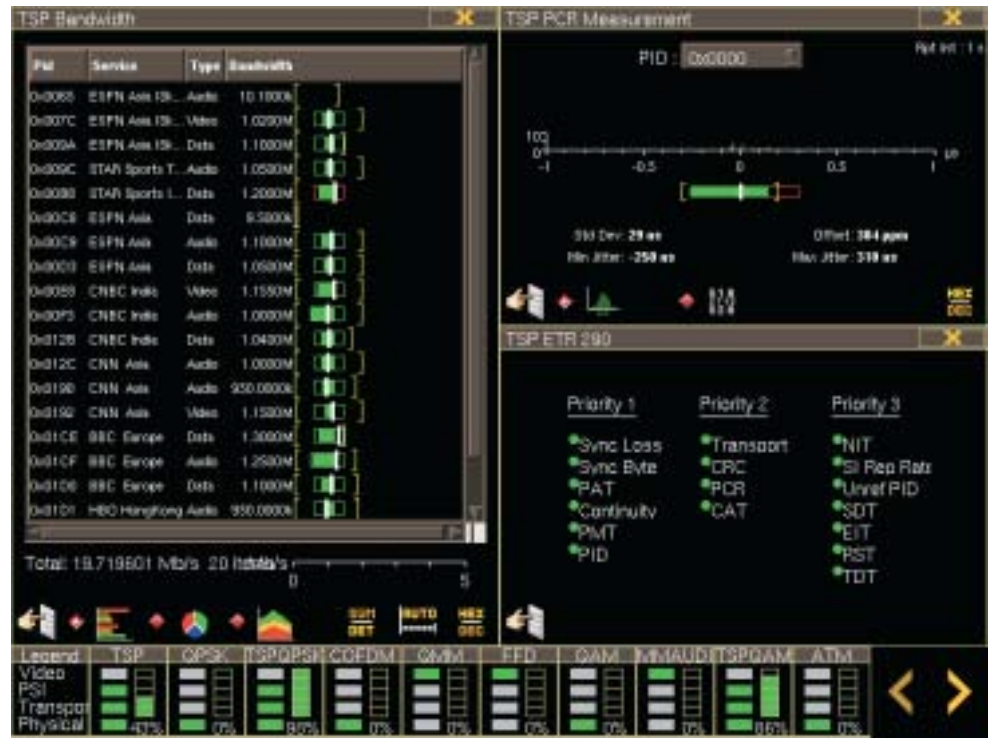
SPECIFICATIONS

Input Signal Format

- Connector type: F connector (75Ω)
- 70MHz IF signal
- Symbol rate 3 to 30 Mbaud
- Code rate 1/2, 2/3, 3/4, 5/6, 6/7, 7/8
- Power level -25 to -65 dBm

Impairment Detection

- RF carrier level
- RF carrier frequency level
- Signal to Noise Ratio (SNR)
- Bit Error Rate (BER)
- Error Vector Magnitude (EVM)
- Modulation Error Ratio (MER)
- Reed Solomon uncorrected block error counts (RS UNCORR)



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