

## **Submission to G-2.6.1**

### **Quality Measurement Needs for Digital Television Facilities**

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The following is a compilation of video quality analysis needs for digital television facilities:

1. Electronic News Gathering - Compression systems used to store, edit, and transmit news segments.
2. Satellite Distribution Systems - Compression systems used to make efficient use of satellite transponder space for network distribution to affiliates, news contribution, and other applications involving program exchanges.
3. Fiber Optic Distribution Systems - Compression systems used to transmit programs over private and public networks efficiently.
4. Digital Video Tape Machines - Systems using compression to pack more video data onto magnetic tape.
5. Video Servers - Systems using compression to make efficient use of magnetic disk storage media.
6. Consumer Transmission Systems - Compression systems used to conserve spectrum space for terrestrial, satellite, or cable distribution to consumers.
7. Stored Consumer Delivery Systems - Systems used to compress video onto DVD, digital tape, and other physical distribution media.
8. File Transfer Systems - Compression and packetization systems to transfer video via the internet, LANs, WANs, and physical media.