NEWPOINT™ & SAT Corporation

SpaceWatch

Features:

- **High speed spectrogram to analyze time-varying signals**
- **Point and Click to automatically monitor a carrier or transponder**
- **Intuitive trace mask monitoring and alarming**
- **Data storage for statistical and trend reporting**
- **Stored trace playback for trouble-shooting intermittent problems**
- **Automatic control of RF switches for multiple antenna monitoring**
- **Simultaneous display of multiple carriers and transponders**
- **Remote access interleaved with local-site monitoring**
- **Lighter weight, lower prime power, no periodic maintenance & higher reliability compared to an old-style spectrum analyzer**
- **10 MHz Reference output for block-down-converter**
- **Automatic Carrier Measurements and Alarming of 500 carriers**

SpaceWatch is a Satellite Carrier Monitoring Software which utilizes a traditional Spectrum Analyzer as the measurement instrument. The SpaceWatch's unique signal characterization is not possible with a traditional spectrum analyzer. Characterization parameters help to maintain traffic quality and to determine the Identification of interfering carriers. Carriers, up to 85 MHz in bandwidth, can be characterized.

The User Interface software can be loaded on a Windows computer to provide remote or local control. The User Interface software can run concurrently with other non-SpaceWatch software; thus remote control can be accomplished on an existing computer running other applications. The operator can view carrier information, spectrum traces, automatic monitoring, alarms and gather historical information.

The operator can organize various windows to simultaneously view spectrum displays, automatic processes and alarms. Two windows display operator selected carriers (carrier lineup for example). The remaining spectrum window displays the automatic monitoring process. Alarms are and alarm conditions are also displayed.

The operator can assign an "Alarm Action" to any carrier. An Operator defined action can be initiated to: Dial a phone number; send an email; send an SNMP trap; or run an executable file.

(Supports Agilent, Rhode Schwartz, and Willtek Analyzers)

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