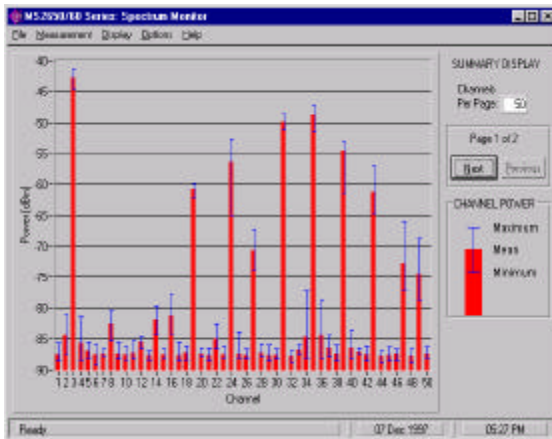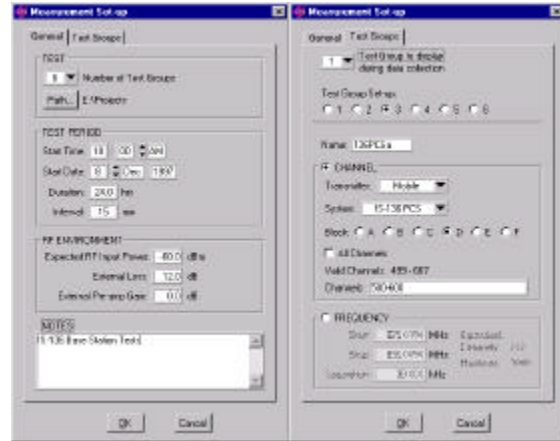# MX260005A
Spectrum Monitor Software

Using the Spectrum Monitoring software, the MS2650/60 series spectrum analyzers can be configured to monitor the power level of radio channels to gather critical data about the RF transmit and receive signal status within a radio's coverage area. Power can be monitored for up to 7 days.
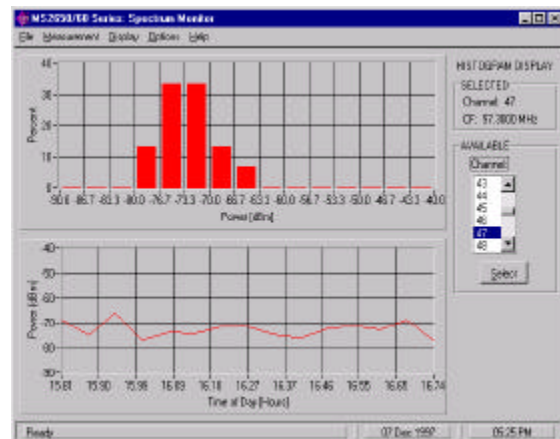
This custom-configurable software provides flexibility to suit individual test requirements. In the measurement setup window, select the number of test groups, measurement start time, duration of the test and interval between measurements. Each test group can be developed either from built-in channel designations for cellular and PCS of the IS-95A and IS-136A systems or from a user-defined range of frequencies. Six separate test groups allow the flexibility for multiple measurement configurations. Up to 1000 channels can be monitored in a single test group.

The software can also be configured to account for external losses due to cables and connectors, or gain if an external preamp is used.
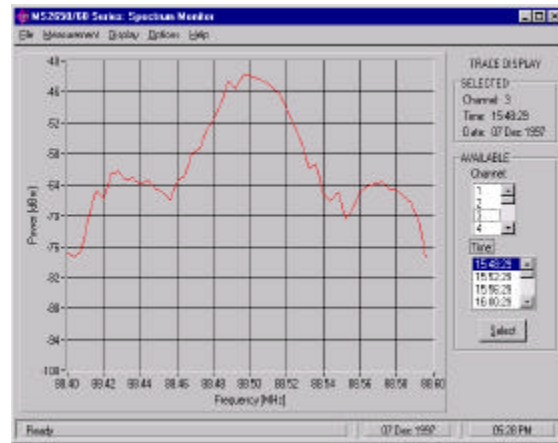
All channel power data is illustrated in a *Summary Display*, which shows the maximum, minimum and mean power level measured over the duration of the test. The software will allow up to 500 channels per page.

More details of the measurement data are shown in the *Histogram Display*. For each channel, the histogram display provides a strip chart of channel power vs. time to illustrate the power level variation over the duration of the test. Also in this display, there is a histogram to show the percentage of time the power was measured in a given range. Every detail is provided to sufficiently track your measurement data.

In addition, each measurement trace can be displayed and /or saved during the test interval. The *Trace Display* shows the measured data in the form power vs. frequency. Simply choose the channel and measurement time to be viewed for a complete representation of the original trace data.

Finally, the *Summary Display*, *Histogram Display* and *Trace Display* data can be exported to a *Microsoft*® Excel spreadsheet for additional data analysis.

The Spectrum Monitoring software operates in the Windows 3.1, Windows 95, and Windows NT environments.

For more information or to receive a demonstration of the MS2650/60 Series and Spectrum Monitoring software, please call your local Anritsu sales representative or 1-800-Anritsu.

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Data subject to change without notice.   Spectrum Monitor-E-F-1/GIP-A