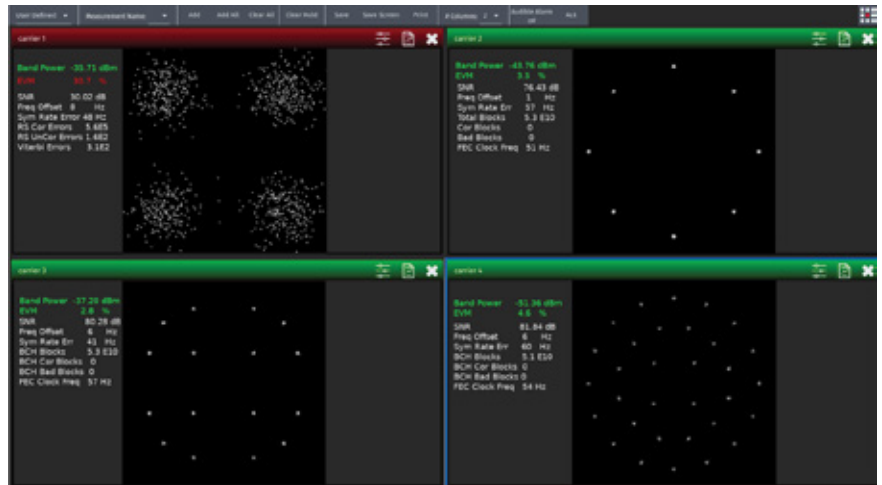


# Detector Decimator D4

## Advanced Signal Monitoring Capabilities

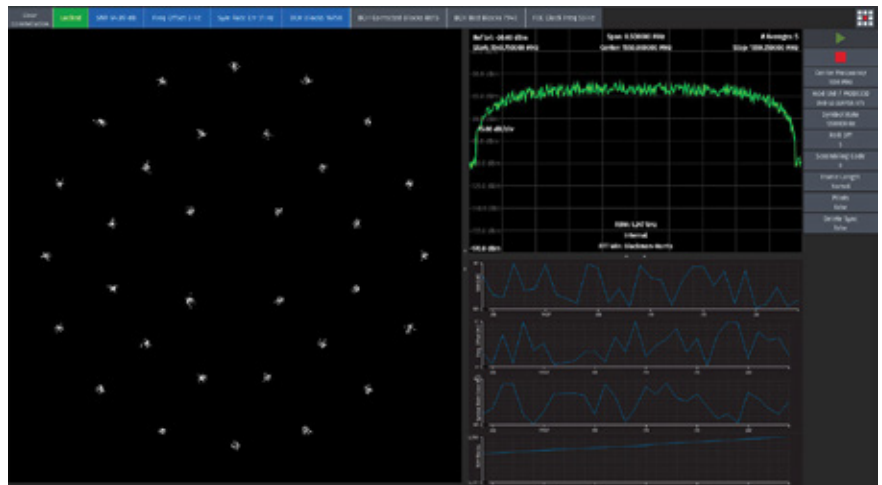
### View All Constellations at a Glance

- View up to 100 constellations in one window.
- Display updates in real-time as signals are measured.
- The signal analysis engine demodulates and decodes an MPEG transport stream-based DVB-S/S2/S2X signal and provides signal characteristics, signal to noise ratio (SNR) and a constellation display.



### Advanced Signal Monitoring

- The plot is displayed as an overlay on top of the multiple constellation display.
- A trend plot is available to show the SNR over time so you can quickly spot any signal quality fluctuations.
- Alarm lines indicate when the SNR has crossed the threshold.
- Review previous constellations from the trend plot history.
- Playback constellations determine whether the signal change was sudden or gradual.
- Overview of the signal specification including SNR and measurement parameters such as symbol rate and roll-off.



## Detector Decimator D4 Key Features

### The Display is Easily Configurable

- Easy to set up based on the carriers already defined in the monitoring plan.
- Configure the display in multiple ways: show all signals, show only alarmed carriers, or show a custom list of carriers.
- The display can be set up to show all carriers in the monitoring plan.
  - Highlighting indicates alarmed and nominal carriers.
  - A one-button selection quickly shows all carriers.
- The display can be configured to show alarmed carriers only.
- The most recently alarmed carrier is automatically moved to the top-left corner of the screen.
- As signal quality issues are resolved and the carrier reverts to a nominal state, the non-alarmed carriers are removed from the top-left corner display.
- At-a-glance view of the alarmed carriers includes the duration of the alarm, so you know if it's a persistent or transient issue.
- Focus on priority carriers by creating a custom list of carriers to display, simply select the signals of interest from the monitoring plan.
- The live display can be sized to look good on your monitor or on a large operations center screen.
- Save different display configurations to project files for fast recall.
- The display conveniently operates within the web browser.

### Perfect Complement to Your Decimator D4 Spectrum Monitoring and Generation of SNMP Traps and E-mail Alarm Notifications

Automated notifications occur while you watch the overview of all live carriers.

- Save pictures of the overall view or a particular carrier to PNG image files.
- Use image files to generate your signal quality reports.
- Reports can be emailed to external signal providers to highlight issues and/or to indicate compliance of the carrier quality over time.

**\* May be ordered as an option with new Decimators**

**\* All Decimator D4's are remotely upgradeable in the field with a license key**