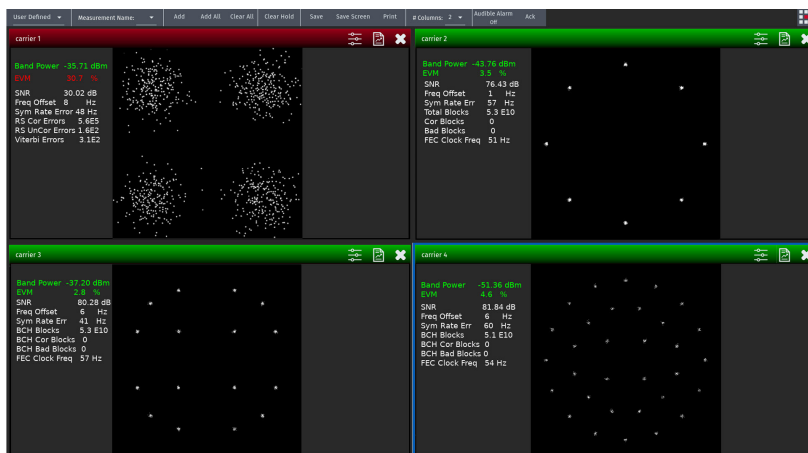


Detector

Advanced Decimator D4 Signal Monitoring

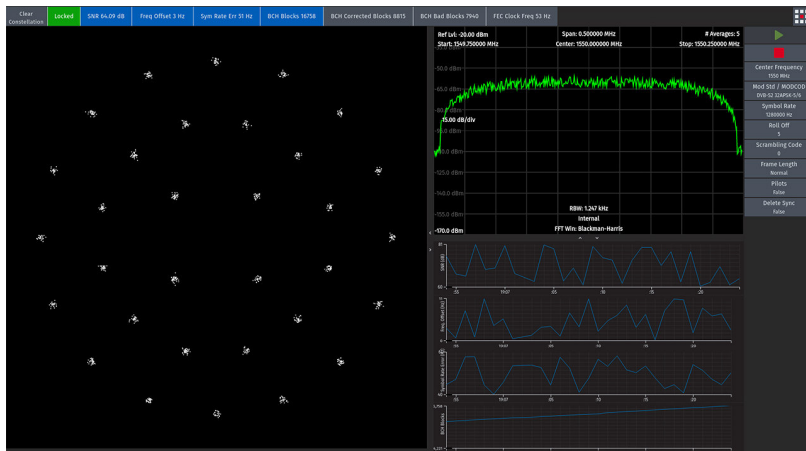
View all constellations at a glance:

- 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 - 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.

Detector can be ordered as a purchase option with new Decimators.

Detector can be added after D4 delivery with a purchased license key.

To learn more, please contact:

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