



Proactively Identify and Address Downstream Cable Issues

SpectraVizion provides a proactive view to your downstream spectrum analysis, giving your staff the ability to see which subscribers are being impacted by downstream issues in your cable plant

View Spectrum Remotely Without a Meter or Extra Equipment

Automatically Detects These Common Issues:

- Standing Waves
- Suck-outs
- Resonant Peaks
- Adjacency
- Roll-off & Tilt
- FM Radio Ingress

Features:

- List of downstream impairments
- Full spectrum for all data & video channels
- Add your NTSC or PAL Channel Plan
- Historical spectrum capture for previous days
- Configurable thresholds for each impairment type
- Application work orders
- Android and iOS mobile app

See Which Subscribers are Being Impacted By Downstream Issues

Downstream spectrum analysis has always been a reactive process for cable operators. Quite often you don't know about a problem until a customer calls in to complain. Then, the usual process involves rolling a truck to the customer's home, connecting a meter, and checking the downstream signal at one or more test points. It may involve rolling a second truck if it's determined that the cause of the problem is somewhere else in the plant.

SpectraVizion takes the guesswork out of problem identification and the location. It leverages the spectrum data available from cable modems and set-top boxes that support full band capture, so you can view the spectrum remotely from any location. Plus, its advanced detection algorithms automatically identify common problems in the downstream like Standing Waves, FM Noise, Suck-outs, Roll-off and Tilt. Rather than waiting for customers to call, you will see a list of issues on our high-level dashboard so you can prioritize and address them right away. You can also drill in to see the spectrum captured from previous days.

You can even create work orders on the identified issues right within the dashboard, which are then sent to the mobile app of the selected technician. As technicians modify or resolve work orders on the mobile app, the orders are updated in real time in the application dashboard.

Contact Us

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