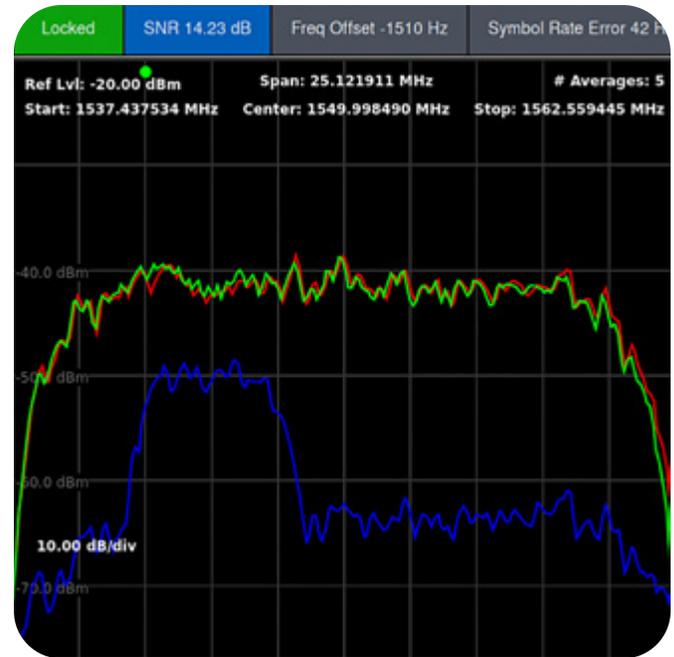**CALIAN** ®

Confidence. Engineered.

Decimator carrier under carrier detection

Find interference faster by using Decimator carrier under carrier detection. Calian's carrier under carrier software option characterizes your carrier and pulls the interference out from under it for you to see. This allows operators and engineers to more effectively snuff out interference without pulling carriers down. Users are presented with the wanted carrier along side the interfering carrier in the same view to contrast the interference.

Features

- Works on the following modulation types: QPSK, 8PSK, 16APSK, 32APSK
- Analysis bandwidth up to 45 MBaud
- Displays the following traces for the user:
    - The captured raw spectrum
    - The interfering signal spectrum
    - The wanted carrier spectrum
- Displays the following additional analysis on the wanted carrier:
    - SNR
    - Frequency offset
    - Symbol rate error
    - Lock status

Easily reveal interference by entering the main carrier information:

- Center frequency
- Decimator switch port
- MODCOD
- Symbol rate
- Roll-off

Contact our Calian experts to learn more.

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www.calian.com/space/products/**satcom**
For more information, contact: decimator@calian.com

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