



DOCSIS Measurement Technology

DOCSIS 4.0

More performance. More possibilities.

Always one step ahead with precise
bit-level and protocol analysis.

Engineering **Connections.**

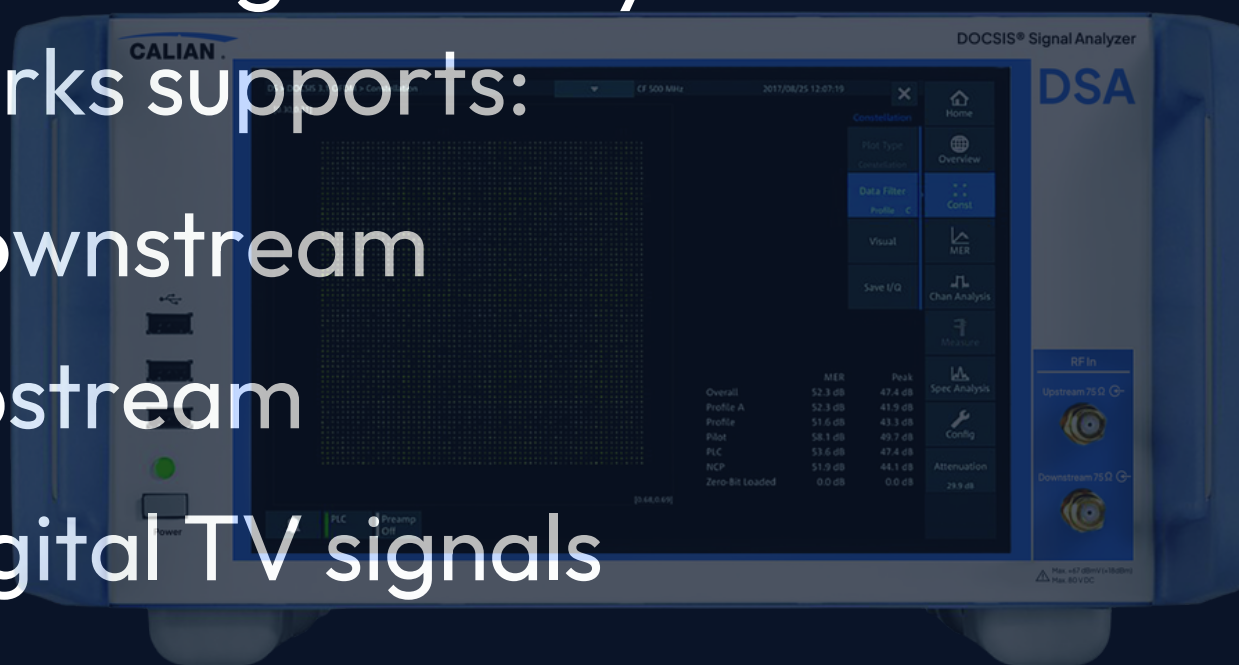


DOCSIS 4.0 at a glance

With the Calian DSA Signal Analyzer

Real-time signal analysis for modern HFC networks supports:

- Downstream
- Upstream
- Digital TV signals



For laboratory environments, headends and field measurements.

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Detect deviations

before customers notice them

Precise upstream analysis

With software options:

- DSA-K1500 (A-TDMA / OFDMA)
- DSA-K1505 (timing analysis)

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With DSA-K1500 /-5

For analysis of:

- Burst signals
- Jitter
- Interferences
- Timing issues

For maximum return path stability.

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One analyzer for many tasks

Calian DSA combines:

- Spectrum analyzer
- DOCSIS measurements
- Digital TV analysis
- MER up to ≥ 50 dB (DOCSIS 3.1)

Compatible with

- J.83 A/B/C
- DVB-C

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For every test environment

Ideal for:

- CMTS testing
- Cable modem &
Component qualification
- Network optimization
- DOCSIS qualification

Combined with the
Calian SFD Signal Generator,
realistic test environments can be set up.

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Our service - your advantage

...beyond the purchase!

- Calibrations
- Firmware upgrades
- Equipment maintenance
- Technical support

Also for equivalent Rohde & Schwarz
DOCSIS laboratory instruments.

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How are you preparing your network for DOCSIS 4.0?

Benefit from our experience in the analysis, optimisation and further development of modern HFC networks.

Talk to our experts.

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A series of dynamic, flowing light trails in shades of blue and white, curving across the lower half of the image.

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Connections.