



DSAM^{XT} Equalizer Option Quickly Pinpoints Hidden Causes of Reflection



The DSAM Equalizer Option speeds downstream troubleshooting and helps uncover hidden faults by providing enhanced quadrature-amplitude modulation (QAM) signal information. The equalizer mode graphs the DOCSIS receiver equalizer taps so technicians can identify problem-causing reflections quickly.

DSAMs with the equalizer option provide a warning indicator in the level measurement mode to alert technicians of an equalizer-limit issue. Technicians can simply switch to the equalizer mode for a graph with a marker to identify the tap exceeding the limit and the calculated distance to the reflection source. The equalizer mode also displays the in-channel response and group delay for the tuned channel to help technicians troubleshoot narrow-band radio frequency (RF) transmission issues caused by suck-outs or diplex roll-off.

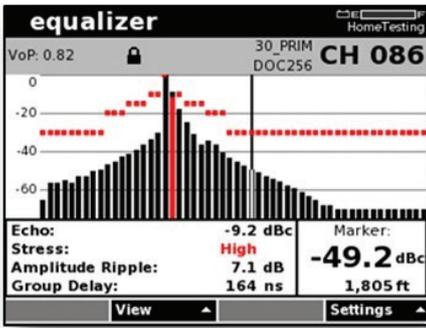
For more information about the DSAM and related products/options, visit our www.viavisolutions.com or contact your Viavi representative.

Key Benefits

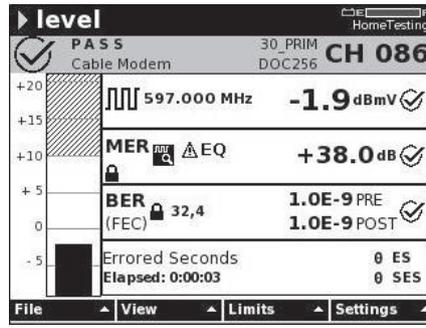
- Speeds downstream troubleshooting
- Uncovers hidden causes of reflection issues
- Quickly identifies root cause

Applications

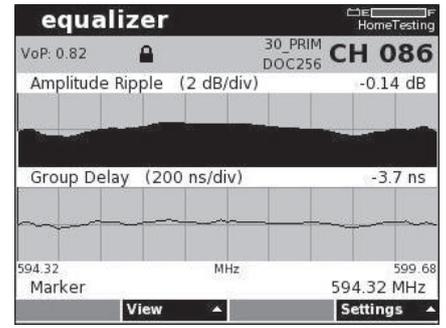
- Verify QAM signal performance quality throughout the network, including headend, hub, distribution, and home
- Easily identify and troubleshoot hidden issues causing reflection
- Troubleshoot narrow-band RF transmission issues caused by suck-outs and diplex roll-off



The equalizer tap graph shows reflections and distance to the source.



An "EQ" warning appears in the level mode when a tap related issue exists.



In-channel response and group delay measurements help troubleshoot narrowband RF transmission issues.

Ordering Information

Description	Ordering Number
Equalizer option, graphs DOCSIS receiver equalizer taps and shows QAM signal in-channel response and group delay—New DSAM option (D3 option required)	DSAM-EQUALIZER-OPT
Equalizer option, graphs DOCSIS receiver equalizer taps and shows QAM signal in-channel response and group delay—Field upgrade (DSAM must be an XT equipped with D3 option)	DSAM-EQUALIZER-UPG



Contact Us **+1 844 GO VIAVI**
(+1 844 468 4284)

To reach the Viavi office nearest you, visit viavisolutions.com/contacts.

© 2015 Viavi Solutions, Inc.
Product specifications and descriptions in this document are subject to change without notice.
dsamequalizer-pb-cab-tm-ae
30173221 900 0712