

Optical Line System Threshold-Crossing Alert (TCA) Parameters Provisioning Job Aid (Release 3.0.2)

Parameter	Threshold Range [Original Value]		CenterLink Management Console	
	Current 15 Minute	Current 1 Day	Command	Report
Optical Line - TCA Autonomous Report (TOPR-OL) - Total Optical Power Received (TOPR-OL)	[Enable]/Disable 10,20,30,40,50 [60],70,80,90,100	[Enable]/Disable 10,20,30,40,50 [60],70,80,90,100	PERFORMANCE-Set-Threshold-Optical_Line	PERFORMANCE.Retrieve.Threshold.Optical_Line*
Optical Channel - TCA Autonomous Report (SPR-C) - Signal Power Received per Channel (SPR-C)	[Enable]/Disable 0,10,20,30,40,50 [60],70,80,90,100	[Enable]/Disable 0,10,20,30,40,50 [60],70,80,90,100	PERFORMANCE-Set-Threshold-Optical_Channel	PERFORMANCE.Retrieve.Threshold.Optical_Channel*
Supervisory Channel - Line Coding Violations (CVL)* - TCA Autonomous Report (CVL)† - Line Errored Seconds (ESL) - TCA Autonomous Report (ESL) - Line Severely Errored Seconds (SESL) - TCA Autonomous Report (SESL) - Line Unavailable Seconds (UASL) - TCA Autonomous Report (UA-L)	-7,-8,[-9],-10 [Enable]/Disable 1-900 [25] [Enable]/Disable 1-63 [10] [Enable]/Disable 1-63 [10] [Enable]/Disable	-7,-8,-9,[-10],-11,-12 [Enable]/Disable 1-65535[250] [Enable]/Disable 1-4095 [40] [Enable]/Disable 1-4095 [10] [Enable]/Disable	PERFORMANCE-Set-Threshold-Supervisory	PERFORMANCE.Retrieve.Threshold.Supervisory*
OT Port Signal -Coding Violation-Section Near End (CVS)† - TCA Autonomous Report (CVS)† - Errored Seconds - Section Near End (ESS) - TCA Autonomous Report (ESS) - Severely Errored Seconds - Section Near End (SESS) - TCA Autonomous Report (SESS) - Severe Errored Framing Seconds - Section Near End (SEFS) - TCA Autonomous Report (SEFS)	-7,-8,[-9],-10,-11 [Enable]/Disable 1-900 [25] [Enable]/Disable 1-63 [10] [Enable]/Disable 1-63 [10] [Enable]/Disable	-7,-8,-9,[-10],-11,-12 [Enable]/Disable 1-65535[250] [Enable]/Disable 1-4095 [40] [Enable]/Disable 1-4095 [10] [Enable]/Disable	PERFORMANCE-Set-OT_Port_signal	PERFORMANCE.Retrieve.OT_Port_signal*

* A **PERFORMANCE.Retrieve.Threshold.All** report may also be used.

† The coding violations parameter specifies the coding violations *error rate* that will cause a TCA and is the base 10 logarithm of the desired error rate. However, the specified report will show the *number* of coding violations that will cause a TCA.