



ONX-CATV Creating a Custom Limit Plan

How to setup in StrataSync and select on ONX

March 2018



Creating New Limit Plan Selections

- The ONX can only store and use one deployed limit plan at a time
- By default there are 3 predetermined Limit Plan categories (Tap, Ground Block, CPE) but other categories can be configured and deployed
- To create a new Custom Limit Plan category in StrataSync press the '+' button next to the predetermined categories

Manage Templates > Global Archive > New

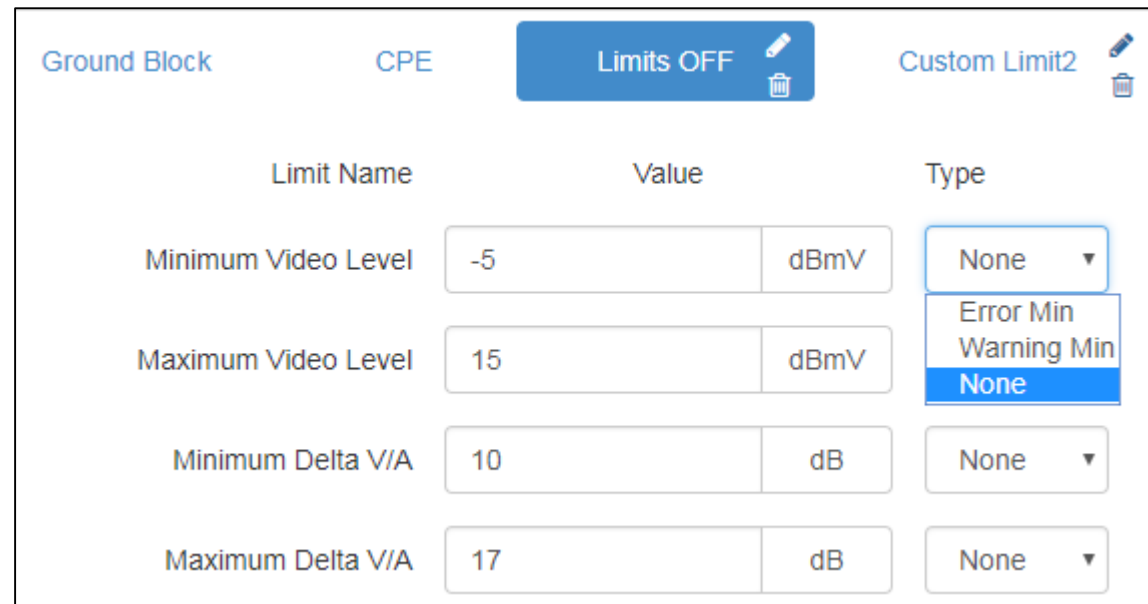
Limit Plan

Tap Ground Block CPE **+**

Limit Name	Value	Type
Minimum Video Level	5 dBmV	Error IV ▾
Maximum Video Level	35 dBmV	Error IV ▾
Minimum Delta V/A	10 dB	Error IV ▾

Creating an all “OFF” Limit

- The new Custom Limit Plan can, and should, be renamed to make it easier for users to know what type of limits will be applied when used
 - It is possible to create a custom limit plan with all limits “OFF” so no pass/fail criteria are shown. To do this change all Limits “Type” to “None”.



The screenshot shows a configuration interface for a custom limit plan. At the top, there are tabs for 'Ground Block', 'CPE', 'Limits OFF' (which is selected and highlighted in blue), and 'Custom Limit2'. Below the tabs is a table with four rows of limit configurations. Each row has columns for 'Limit Name', 'Value', and 'Type'. The 'Type' column for all rows is set to 'None'. The first row is 'Minimum Video Level' with a value of -5 dBmV. The second row is 'Maximum Video Level' with a value of 15 dBmV. The third row is 'Minimum Delta V/A' with a value of 10 dB. The fourth row is 'Maximum Delta V/A' with a value of 17 dB. A dropdown menu is open for the 'Type' of the second row, showing options: 'None', 'Error Min', 'Warning Min', and 'None' (highlighted in blue).

Limit Name	Value	Type
Minimum Video Level	-5 dBmV	None
Maximum Video Level	15 dBmV	None
Minimum Delta V/A	10 dB	None
Maximum Delta V/A	17 dB	None

Create a Maintenance Limit Plan Category

- Pressing the '+' button StrataSync admins can also create a Maintenance category of Limit Plan which can be selected by users in the Expert modes

Limit Name	Value	Unit	Type
Minimum Video Level	15	dBmV	Error M
Maximum Video Level	40	dBmV	Error M
Minimum Delta V/A	10	dB	Error M
Maximum Delta V/A	17	dB	Error M
Maximum Adjacent Channel Delta	3	dB	Error M
Minimum C/N Level	43	dB	Error M

Select Test Point Template
zeroTPC

Select Limit Plan
Maintenance

Save Test
Save current test to a Work Order

View Tests
View previous tests

View StrataSync Configuration >

Configure Display

Channel Expert

zeroTPC Work Order - Test Name

DASHBOARD

Downstream (0 %) Level (dBmV) Max: — Min: —
Forward TPC: 0.0 dB MER (dB) Max: — Min: —

Select Limit Plan

- Tap
- Ground Block
- CPE
- Limits OFF
- Maintenance

Configure Display Start



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