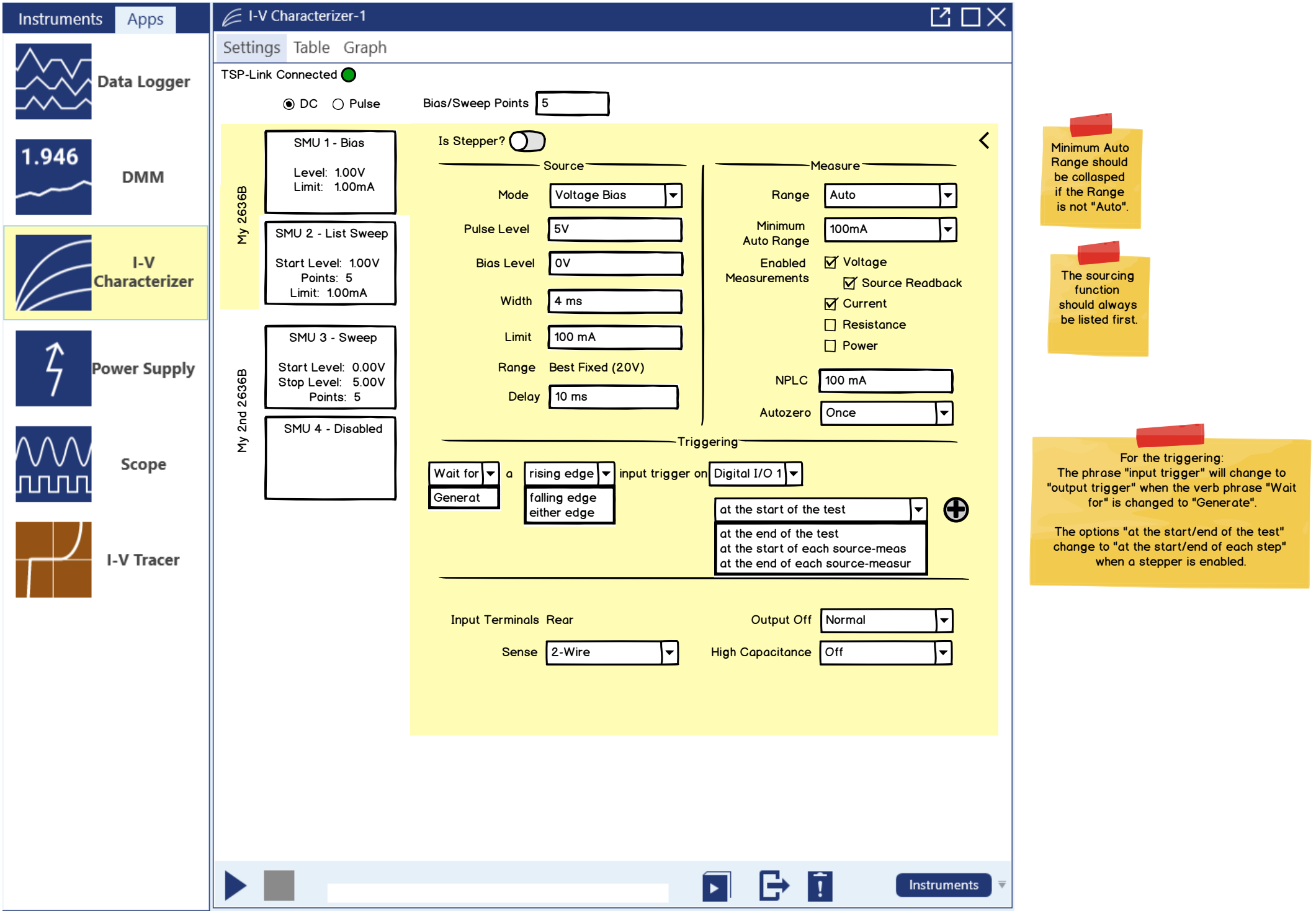
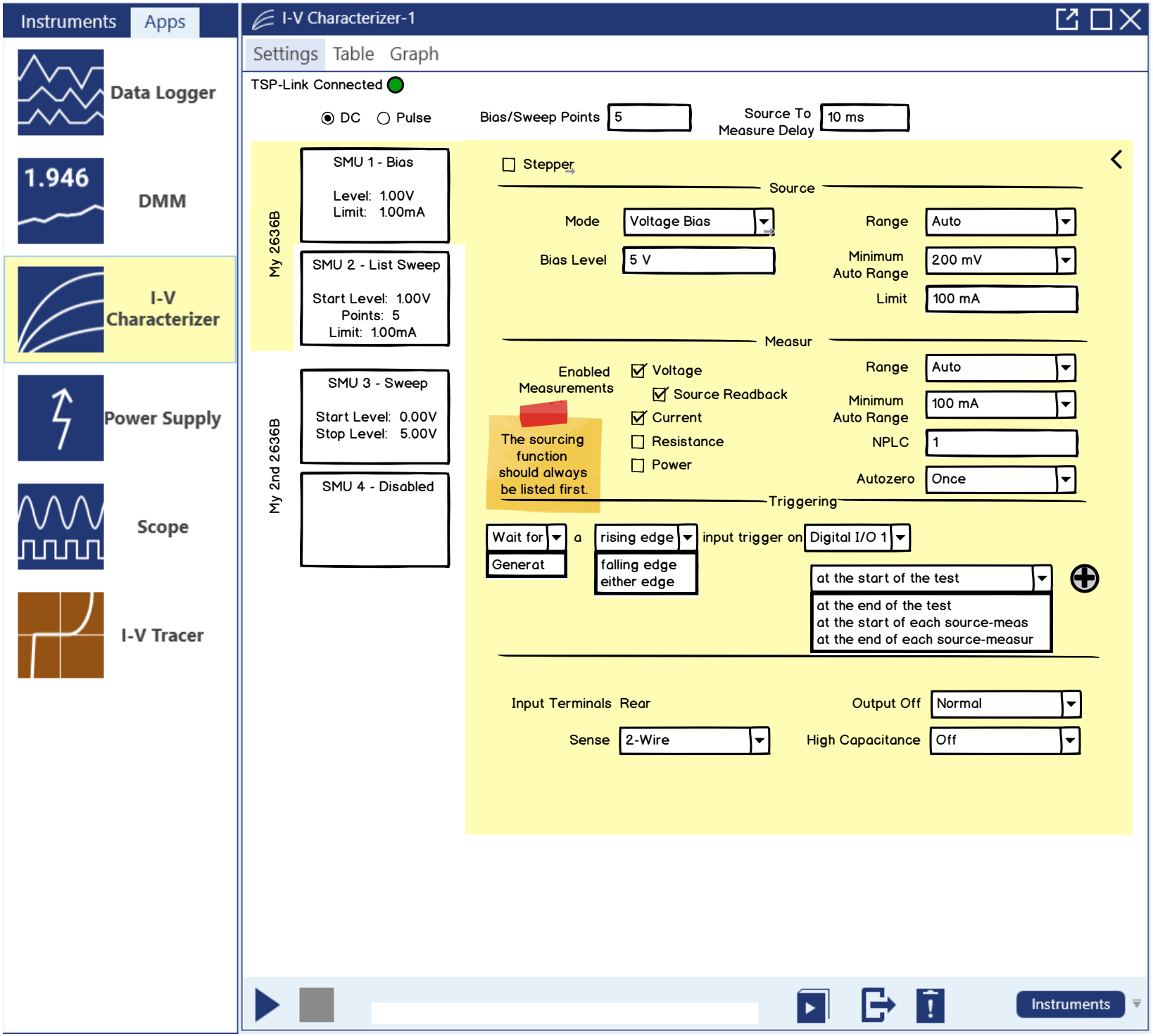



Minimum Auto Range should be collasped if the Range is not "Auto".

The sourcing function should always be listed first.

For the triggering:
The phrase "input trigger" will change to "output trigger" when the verb phrase "Wait for" is changed to "Generate".

The options "at the start/end of the test" change to "at the start/end of each step" when a stepper is enabled.




Minimum Auto Range should be collasped if the Range is not "Auto".

Might want to consider a source delay to allow for a power up order.

For the triggering:
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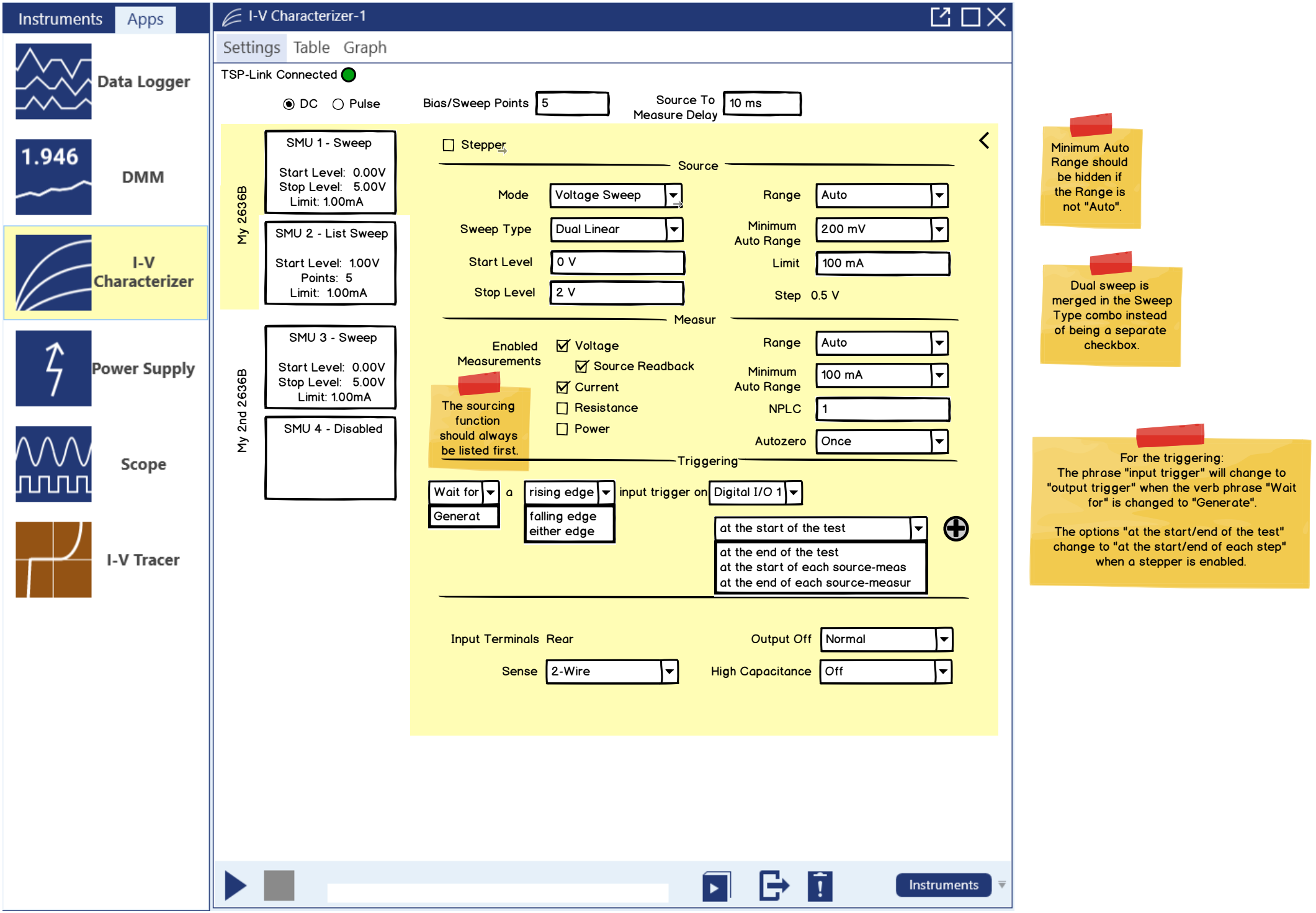
Triggering is really here for illustrative purposes. Actual requirements need to be determined.




Minimum Auto Range should be hidden if the Range is not "Auto".

Dual sweep is merged in the Sweep Type combo instead of being a separate checkbox.

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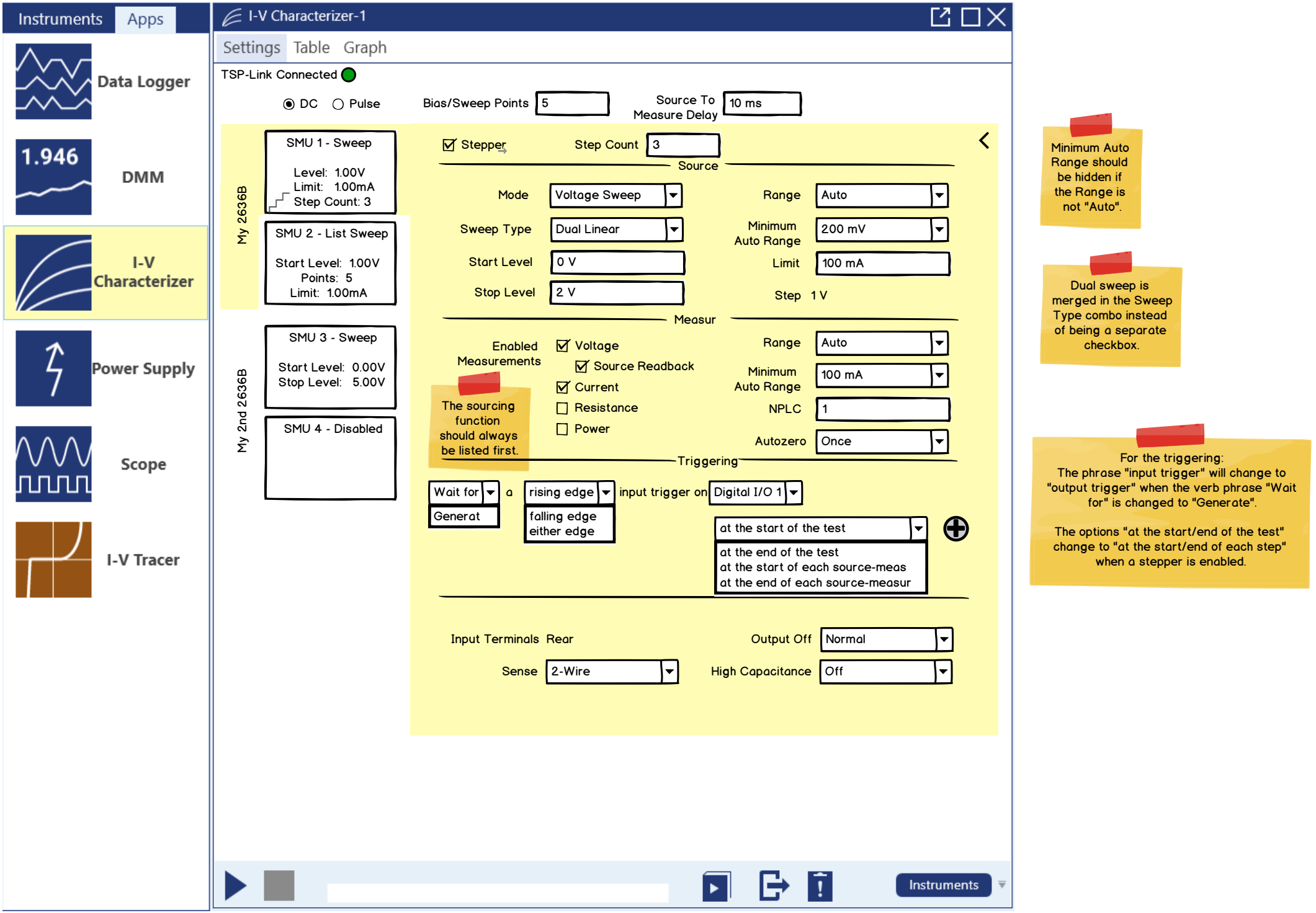


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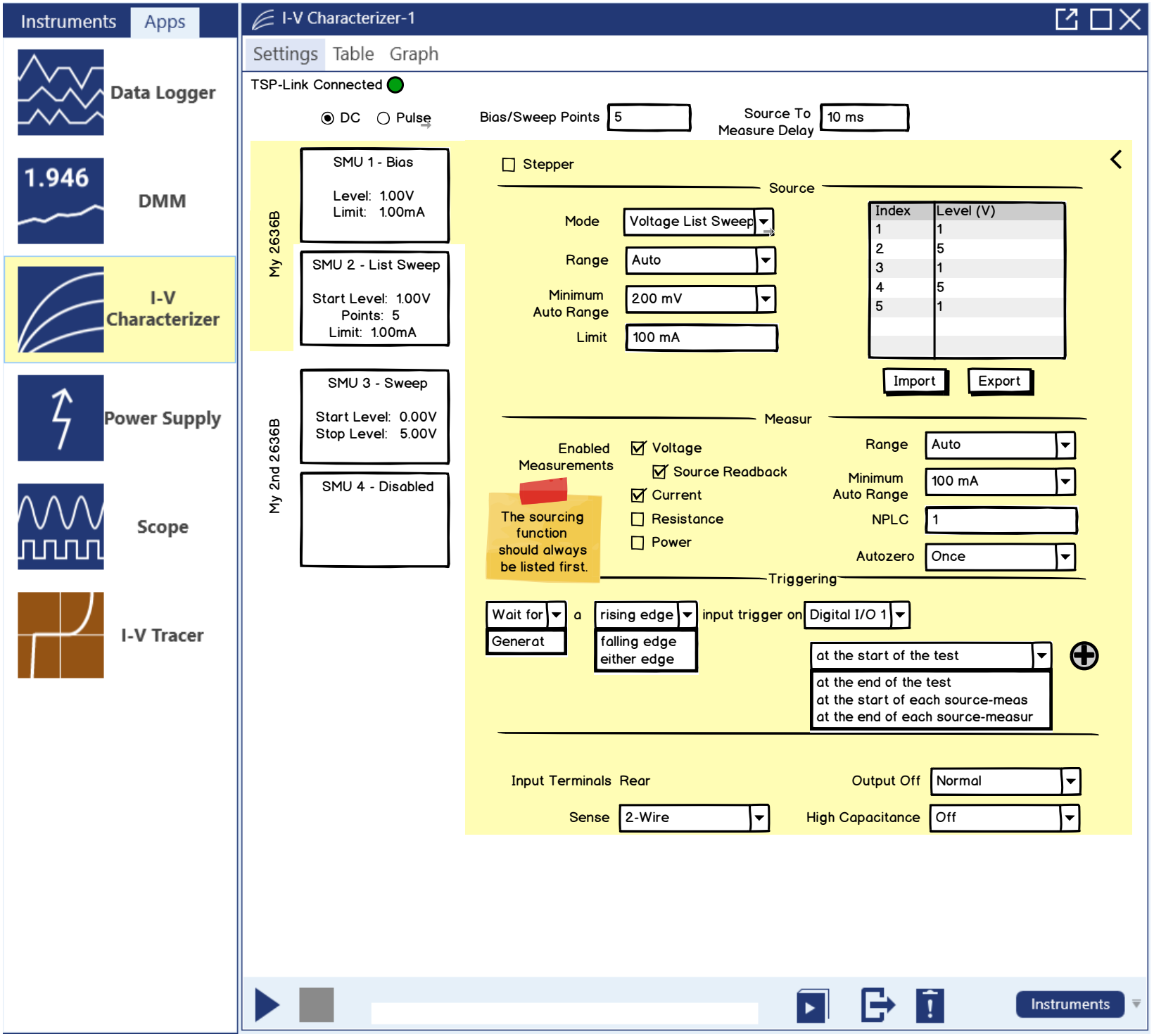


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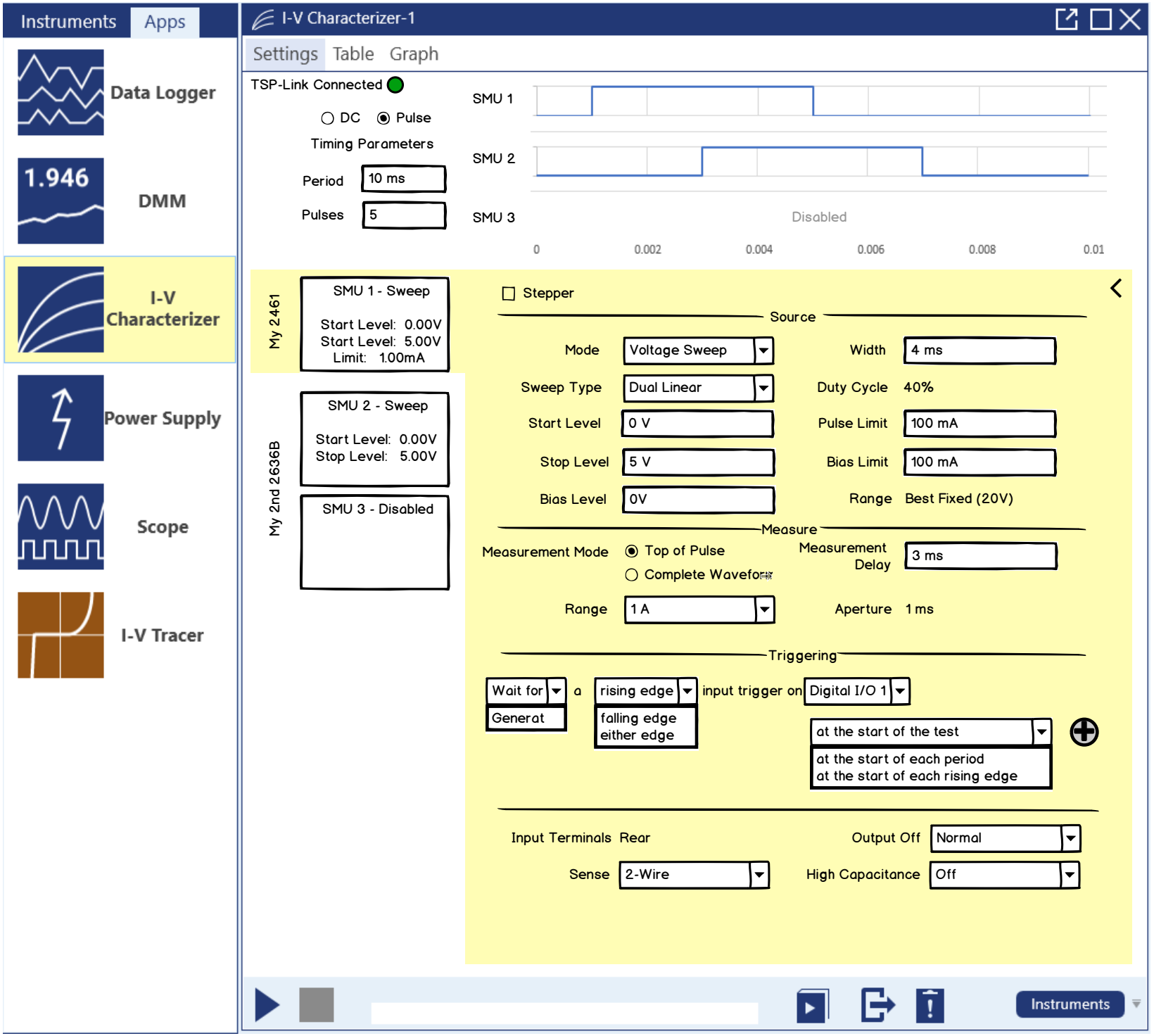


Question:
Do we have any VOC from how ACS or Clarius does their timing dialog?

Initial timing dialog concept.

Xaxis can be zoomed to show more detail when dealing with low duty cycle pulses.

Question:
For the 2461, do we really need to expose separate limit controls for pulse and bias? We could set them to the same value and when in extended region, just set the bias to the max DC region.

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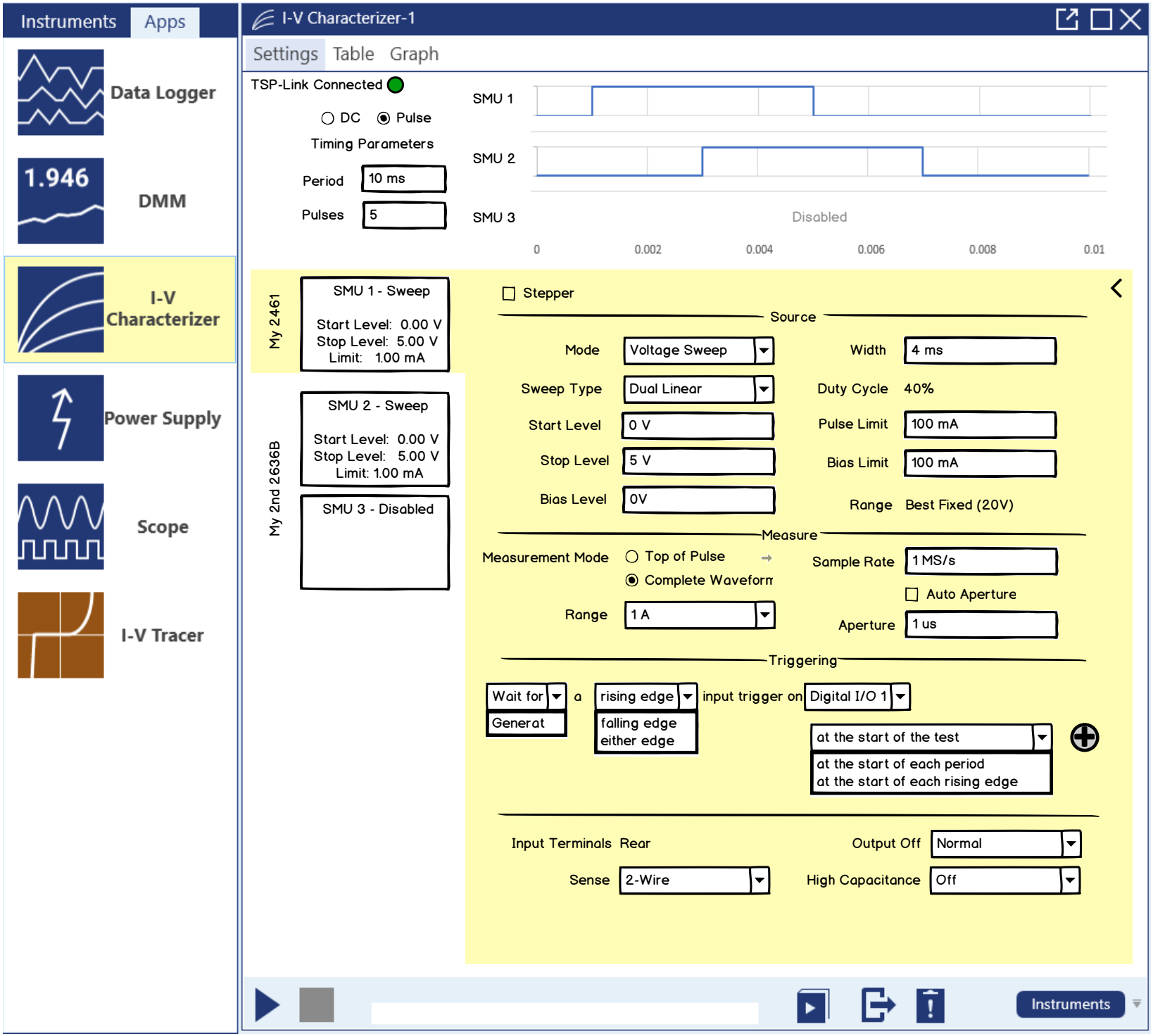


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Question:
We need to think if aligning the terms we use to set digitizer speed makes sense. Currently the 2461 calls out sample rate and aperture, the 265x uses just aperture.

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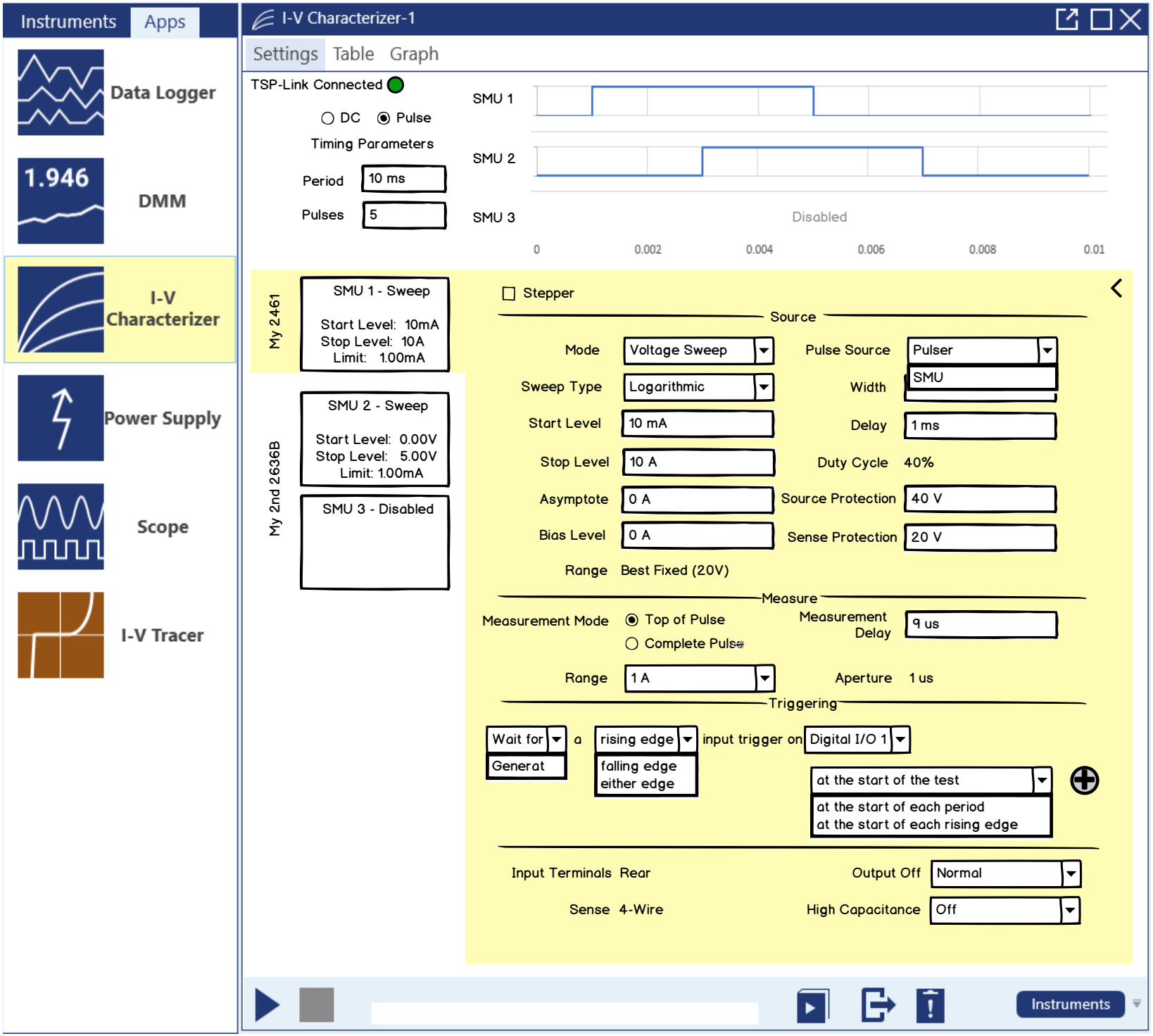


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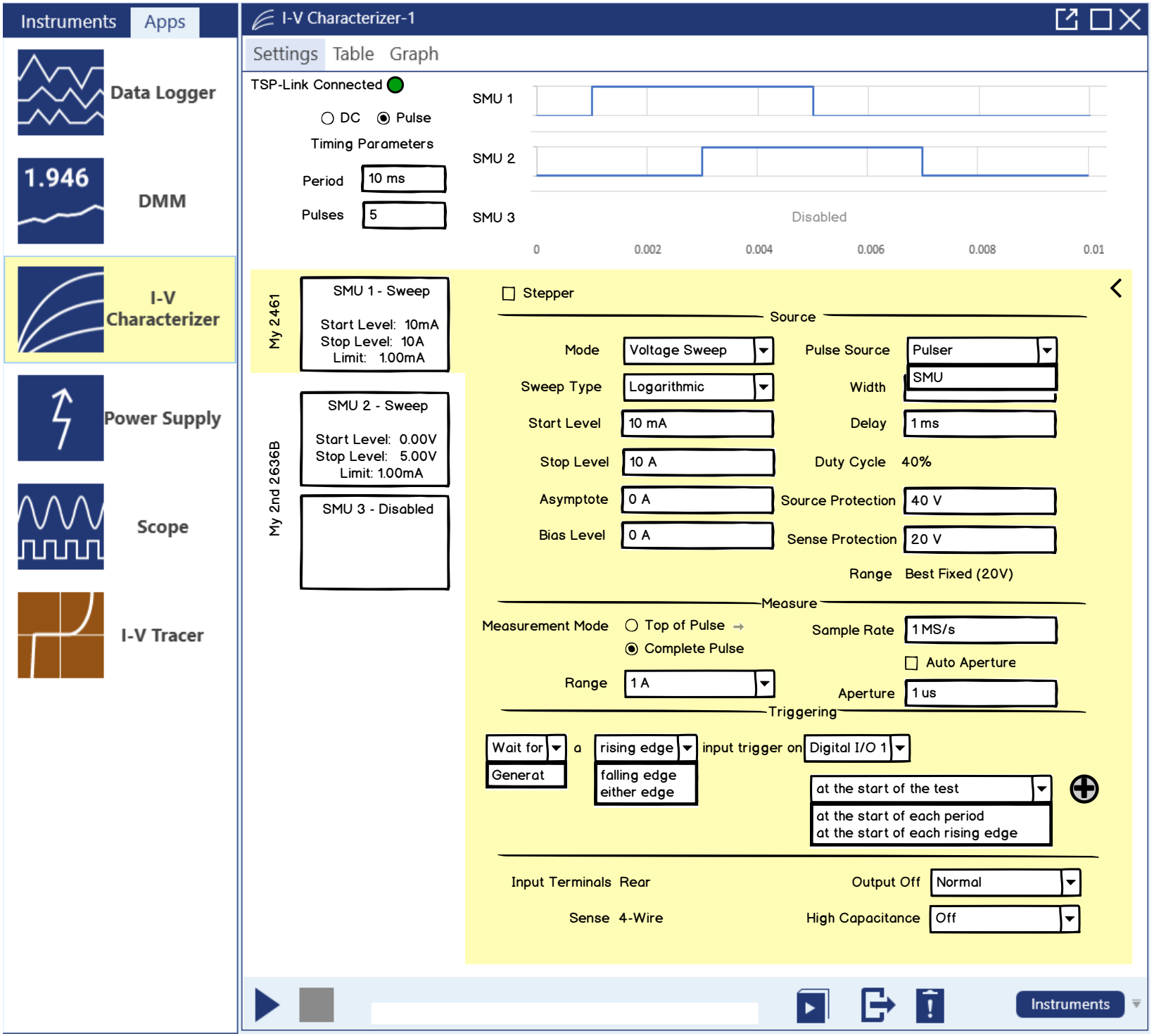


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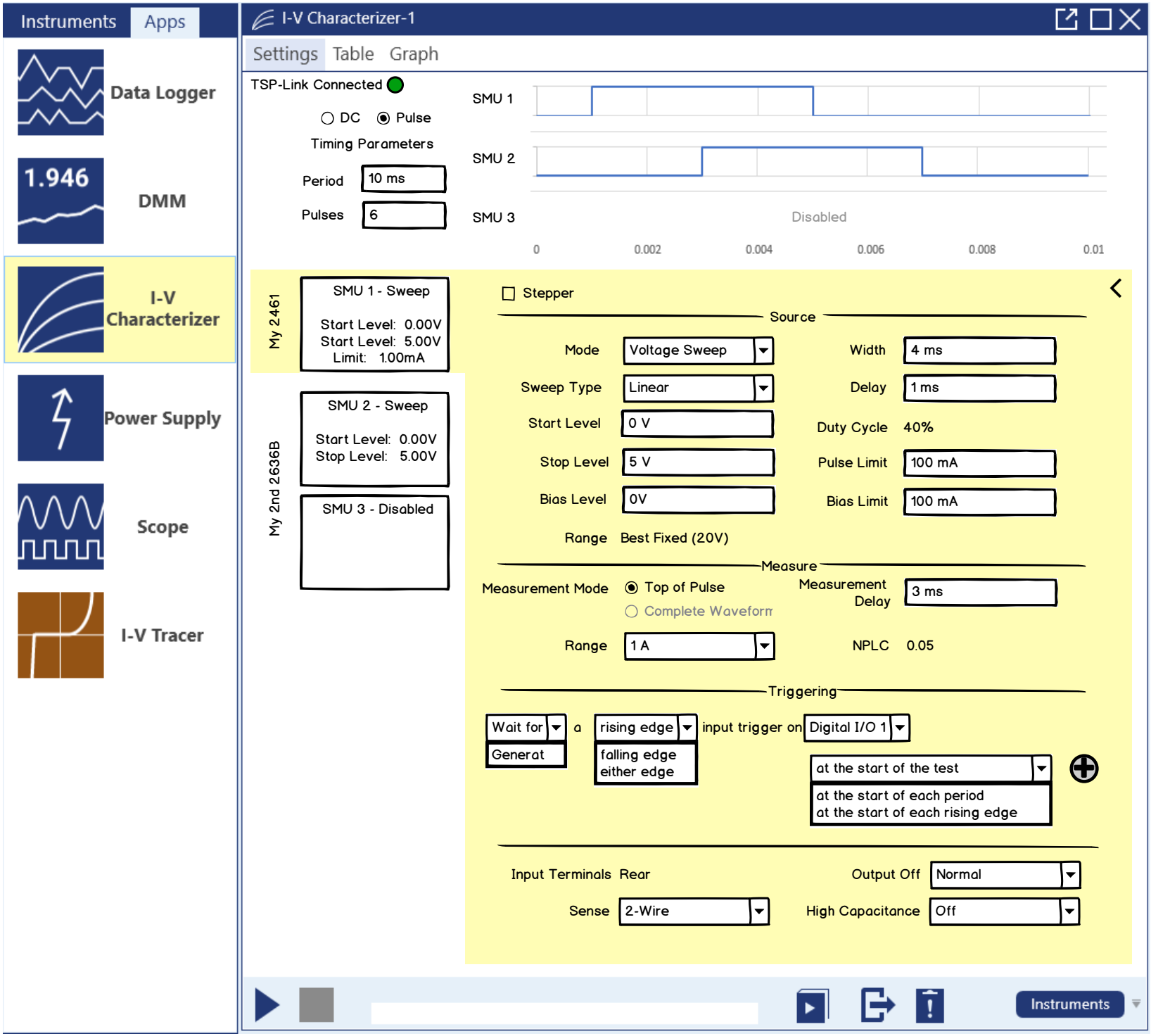


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Question:
For the 2461, do we really need to expose separate limit controls for pulse and bias? We could set them to the same value and when in extended region, just set the bias to the max DC region.

We can auto-calcuate the NPLC from the remaining time of top of the pulse and use that value.

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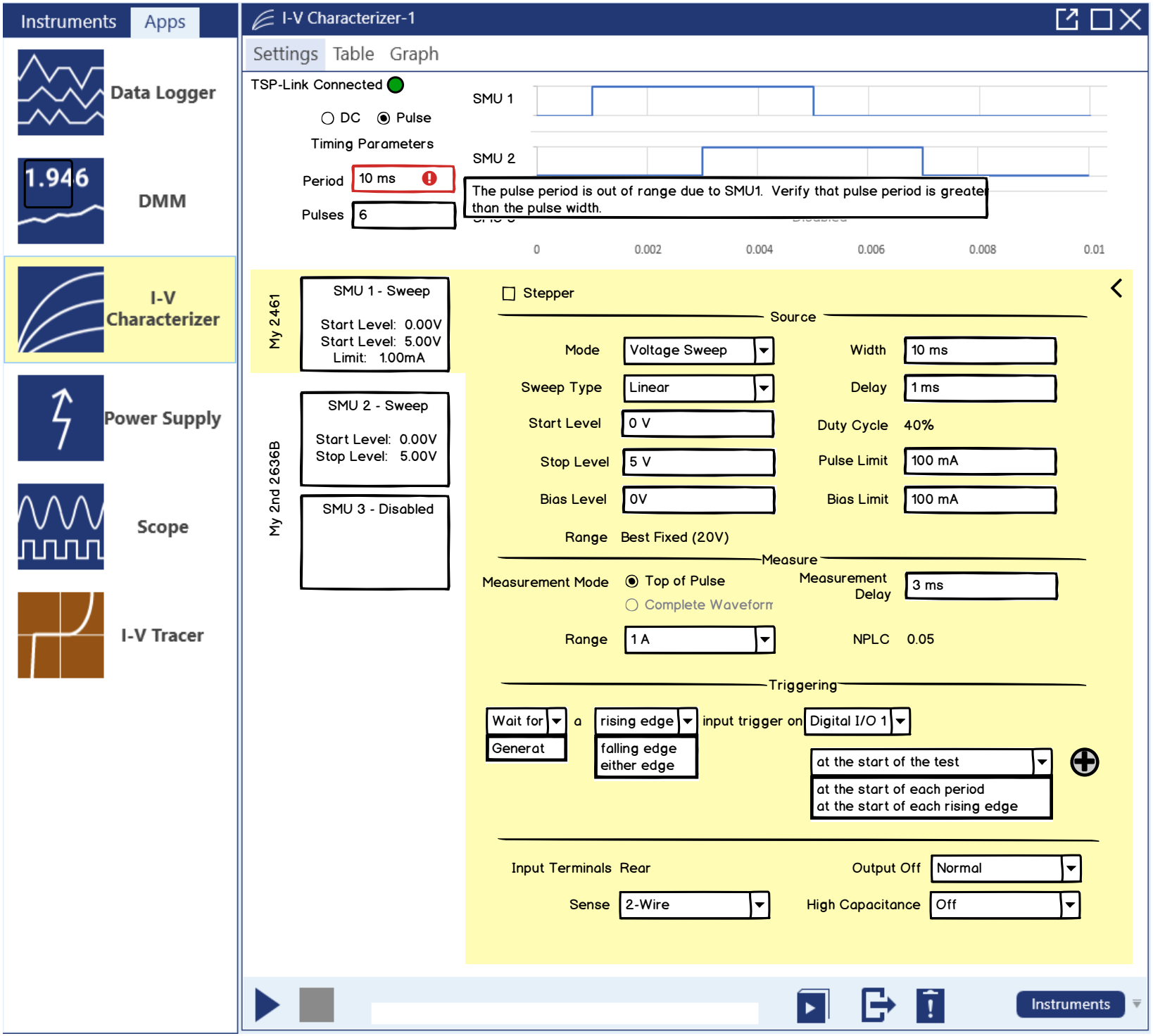


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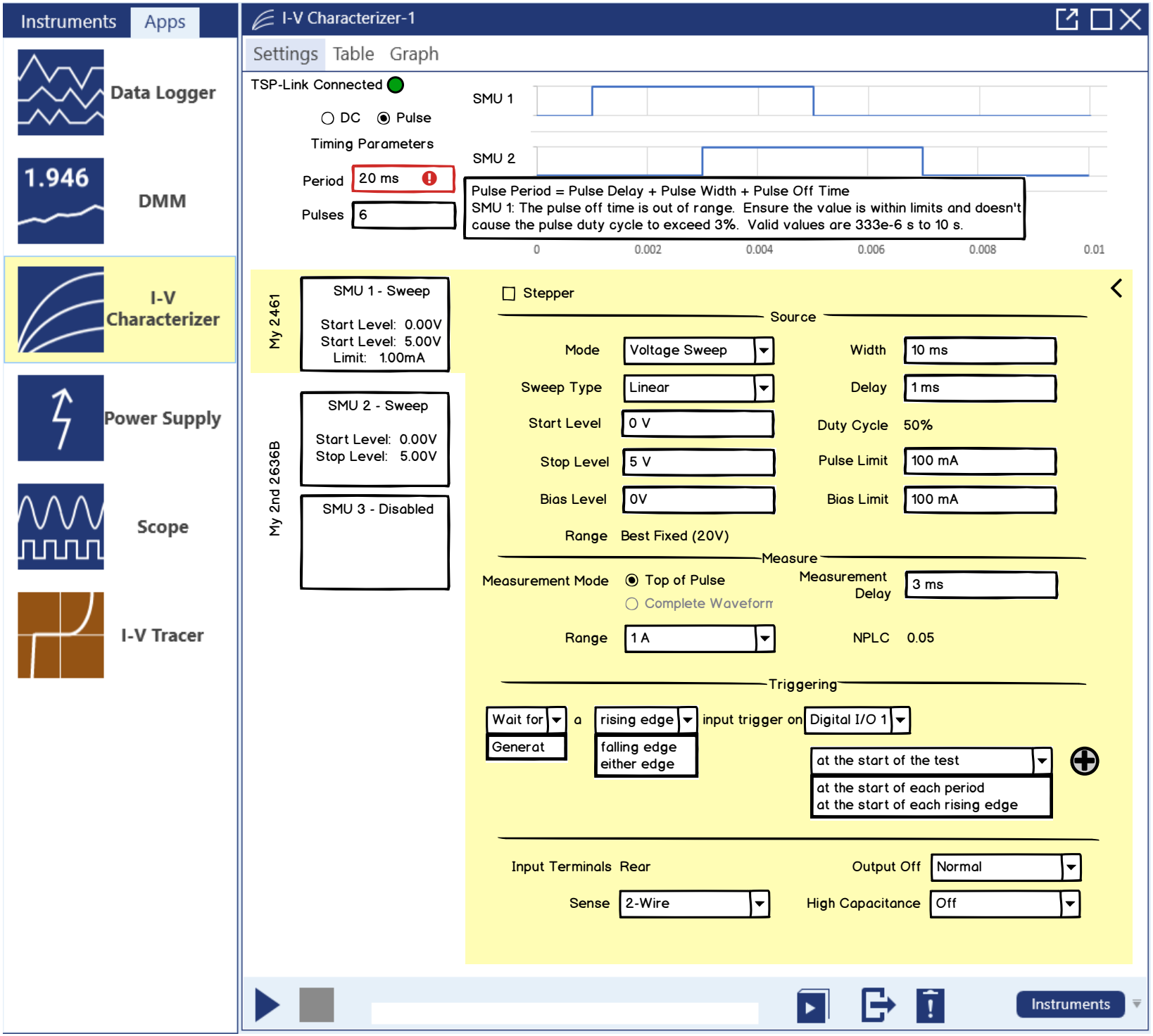


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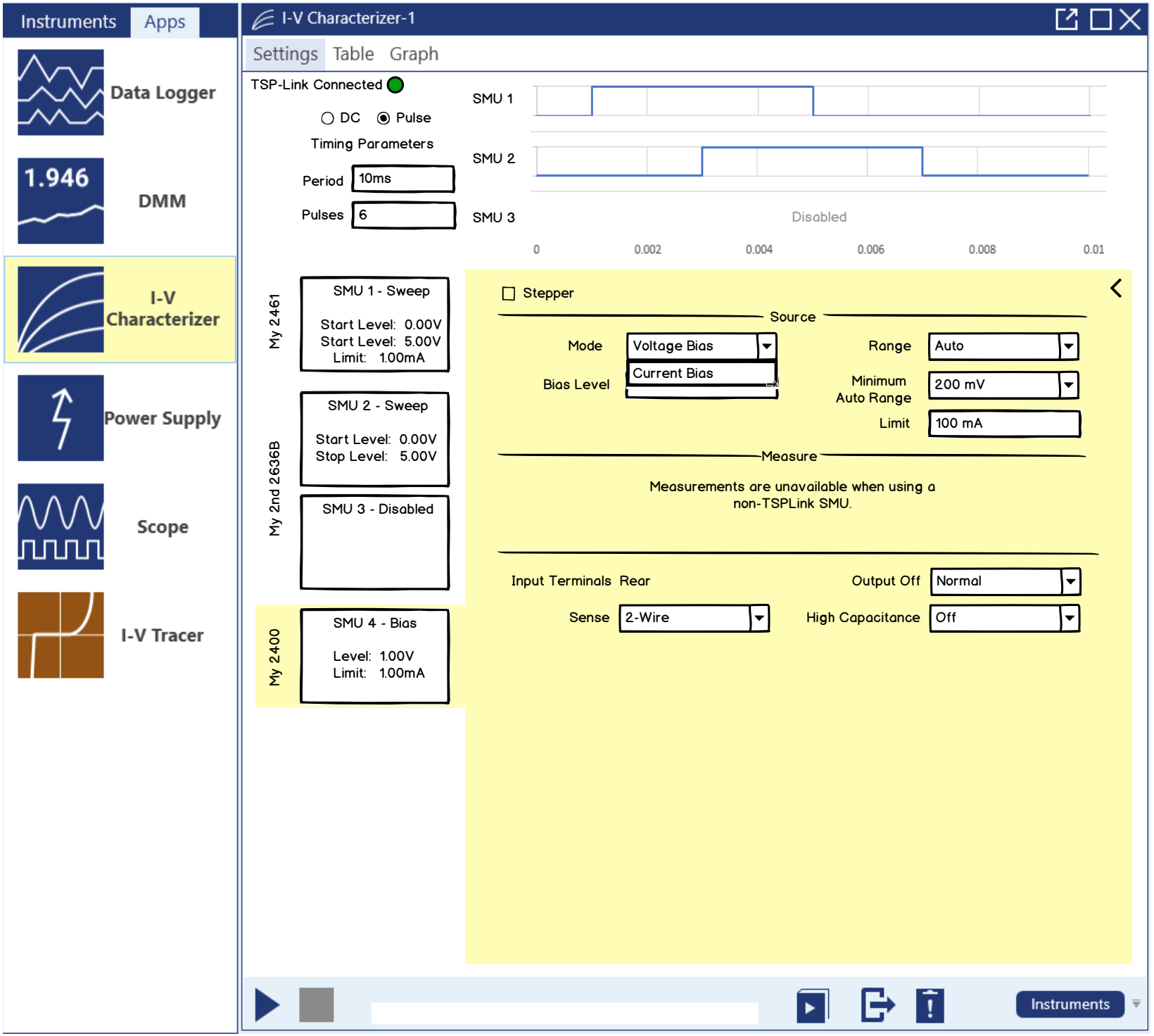


For source only, we still need to set a measure range. Simply use the limit value the user provides and to set the measure range.

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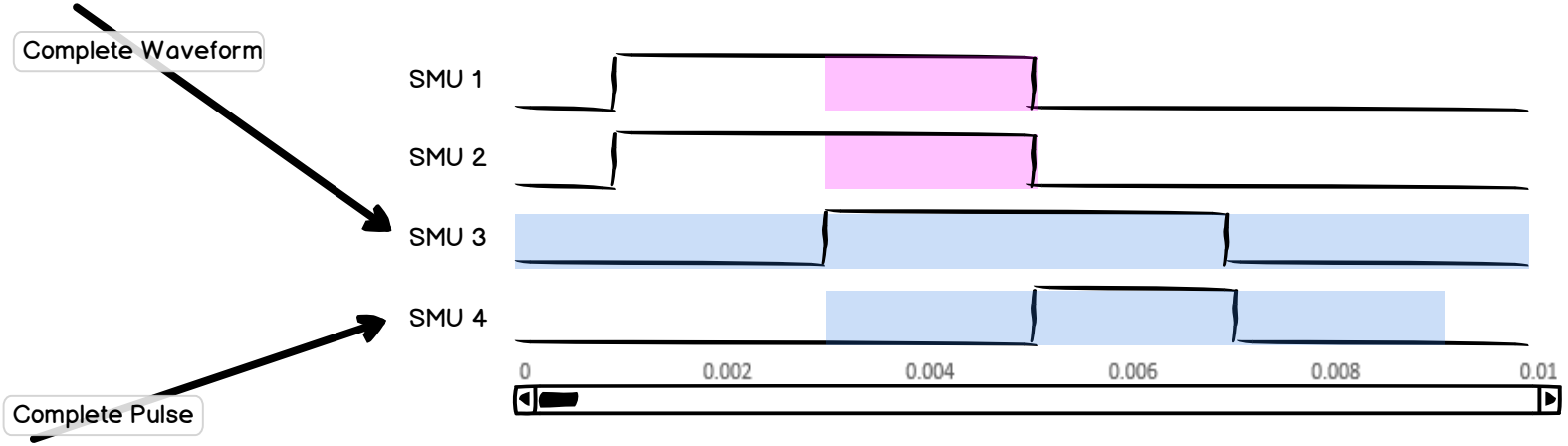


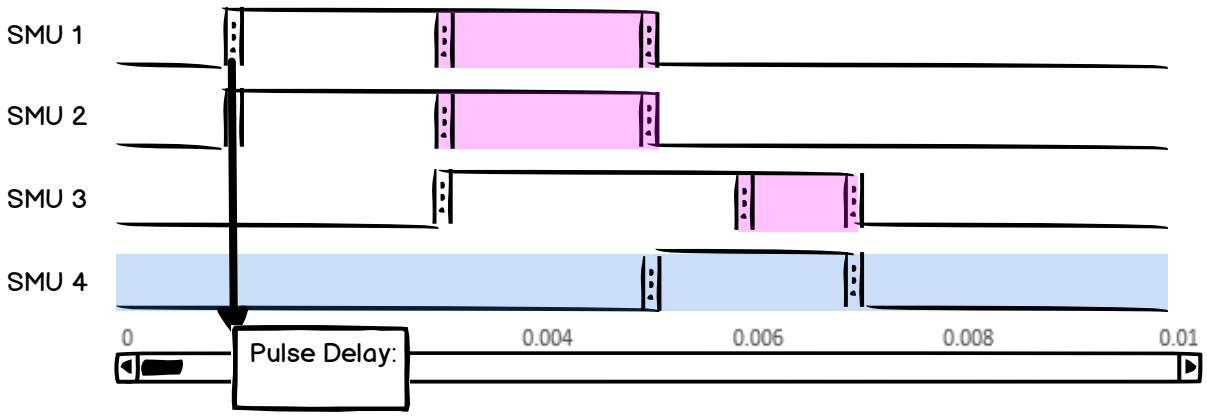

Bias only channels don't need to appear here.

We could use a different color for complete waveform/pulse measure mode.

Allow zooming in the x-direction. Show horizontal scroll bar when zoomed.

Remember: Complete Pulse is the new measure mode we created for 2601B-Pulse. It will collect up to 1 pulse width's worth prior to the rising edge and upto 1 pulse width's worth following the falling edge.

When dragging, a callout should appear that shows the current value. We will also have to think about adding snapping so that users can line up things.




This would allow modification of the pulse delay, pulse width, and measure delay (for top of pulse only).

Big Question:
Is this a feature that customers would use?