* Verification plan items
  + Test “rst\_n”
    - When zero, “count\_out” should be zero.
  + Test “load\_n” (c1)
    - When zero, the “data\_load” should load to output.
    - When one, the output doesn’t load from the “data\_load”.
  + Test “up\_down” input
    - When zero, counter should be decremented.
    - When one, counter should be incremented.
  + Test “ce”
    - When zero, output does not change.
    - When one, increment or decrement takes place.
  + Test “data\_load”
    - The stream in “data\_load” should be the one loaded to the output when load\_n is zero. (c1).
  + Check the “max\_count” is high when the max count is reached
* Cross coverage
  + C1: load\_n, data\_load