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## Model 2306-VS Voltage Protection Condition with External Triggering

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### Release Note

If only one channel is used for external triggering functionality, and if the sense and source lines are left unconnected on the unused channel, Voltage Protection (VPT) condition may occur since a channel on the Model 2306-VS with no load may drift high or low. If it drifts high, then a VPT condition will occur since VPT is not dependent on output state (it is dependent on set voltage value and VPT settings). When using external triggering functionality, a VPT condition on either channel will cause the channel using external triggering to stop. This is done to allow the VPT condition to be detected in cases where the Model 2306-VS is constantly being externally triggered for the desired functionality. To avoid a VPT condition, connect the sense and source lines on the unused channel. See the TRIG[1]:EXT:STEP:VPT and the TRIG2:EXT:STEP:VPT commands for guidance on disabling VPT checking on the channel being externally triggered only.