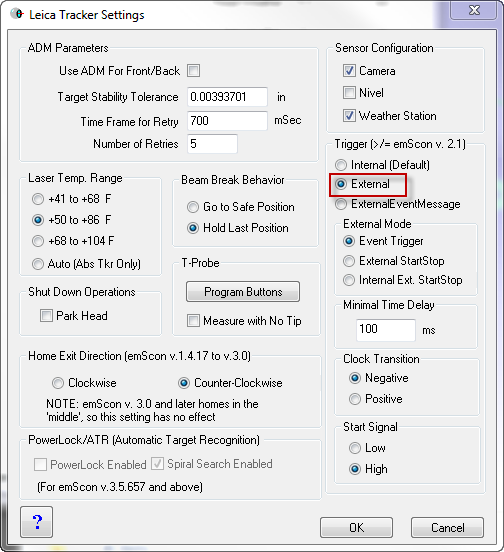
**Set Trigger to Get Points Immediately Upon Touch Event**

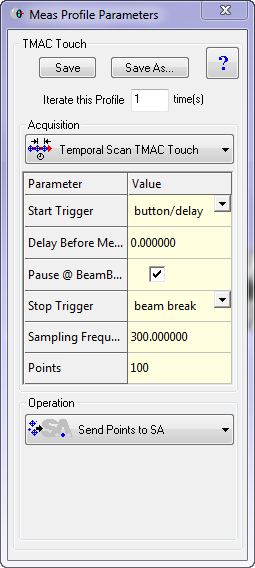
This is the mode set by the MP command “Set External Trigger For TMAC-Touch Probe”.

To set the external trigger to get a point immediately upon the touch event, the trigger is set to External, and the External Mode is set to Event Trigger, as shown.



This configuration requires that you set the measure profile to a Temporal Scan Acquisition with Send Points to SA Operation. **You must begin the measurement with the Measure button or MP command.** **NOTE: With the trigger set up in this way, if you set a stationary point measurement profile, and press the Measure button or issue an MP measure command for a stationary point, you will get a Usage Conflict error from the tracker controller.**

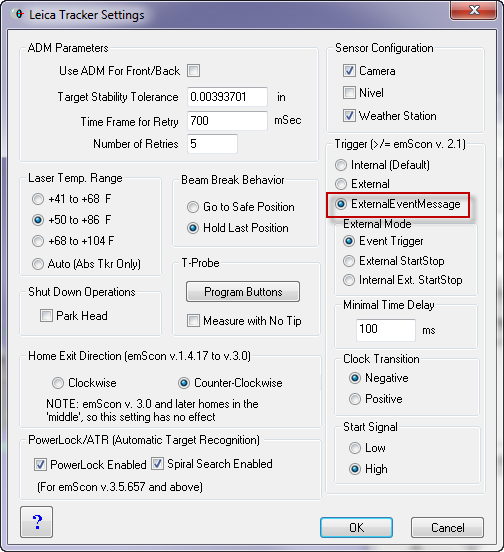
Your Measure Profile for this triggering mode should look similar to this:



Profile appropriate for External Event Trigger. NOTE: Points are only sent to SA when the trigger event is received with the above triggering configuration. The measurement is only polling otherwise, waiting for the next trigger event.

**Set Trigger to Get Discrete Averaged Point Upon Touch Event**

To set the external trigger to acquire an averaged point upon receiving the touch event, the trigger is set to External Event Message, and the mode is set to Event Trigger, as shown.



This configuration requires that you set the measure profile to a single discrete point Acquisition, and the Operation to Send Points to SA. You may choose a Fast, Standard, or Precise acquisition for this configuration. **You must not begin the measurement for this configuration, as it will begin the measurement upon receiving the touch event.**

NOTE: The External StartStop Mode will allow you to start the measurement yourself, but only after a trigger event has been received. This setup is rarely used.