



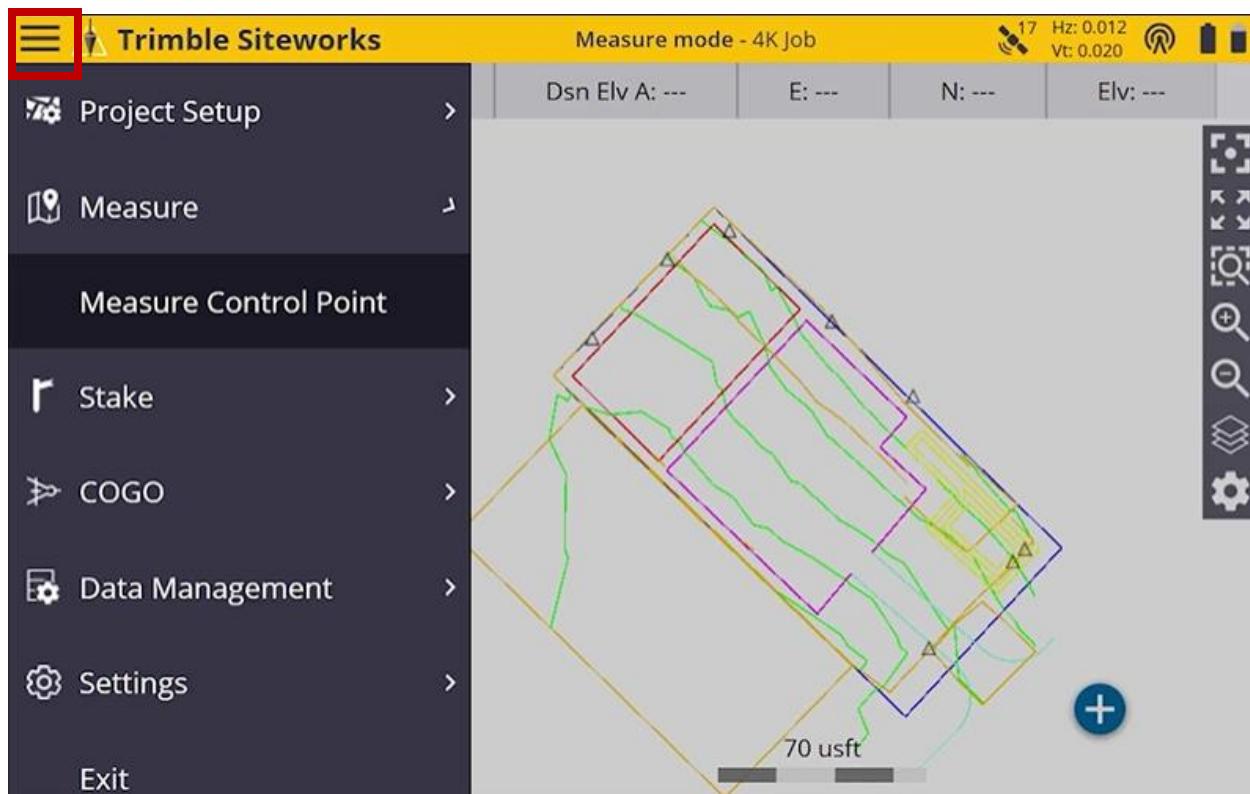
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## How to do a Site Calibration on Trimble Siteworks

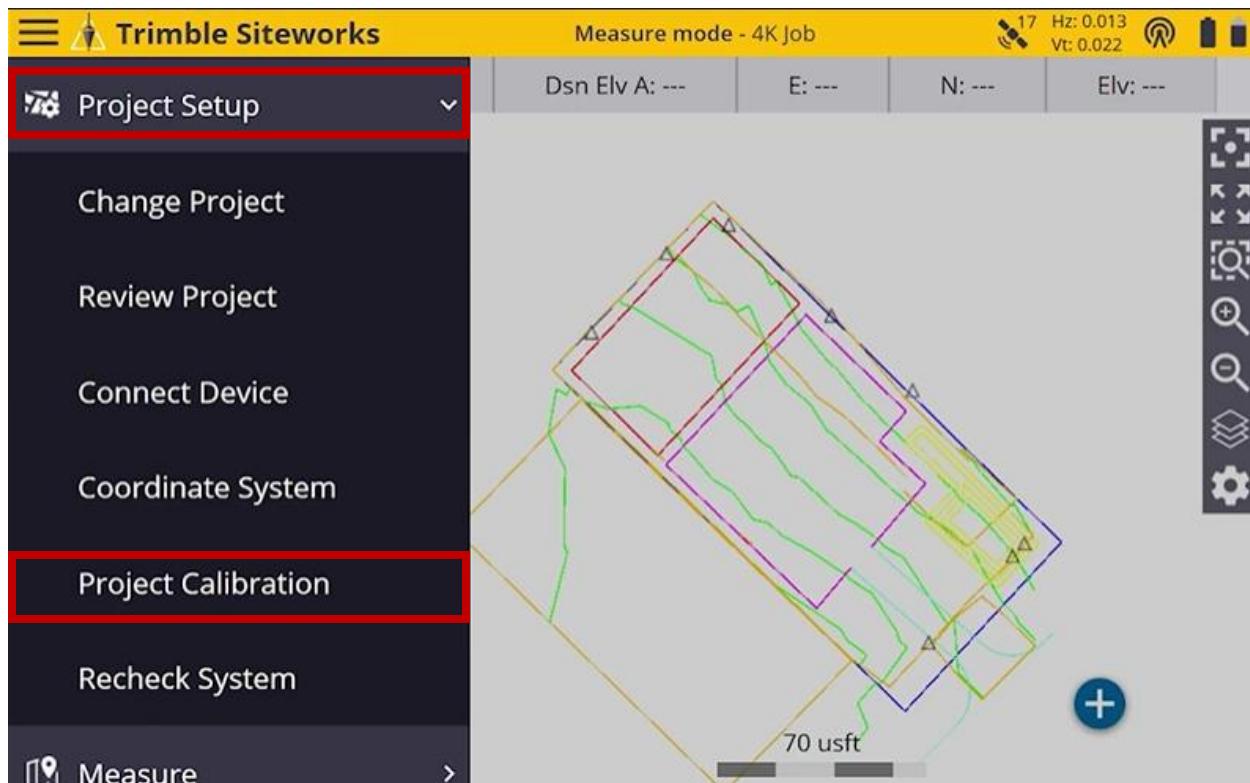
1. Set up your equipment.



2. Tap “Menu” on the top left corner(3 Horizontal bars).



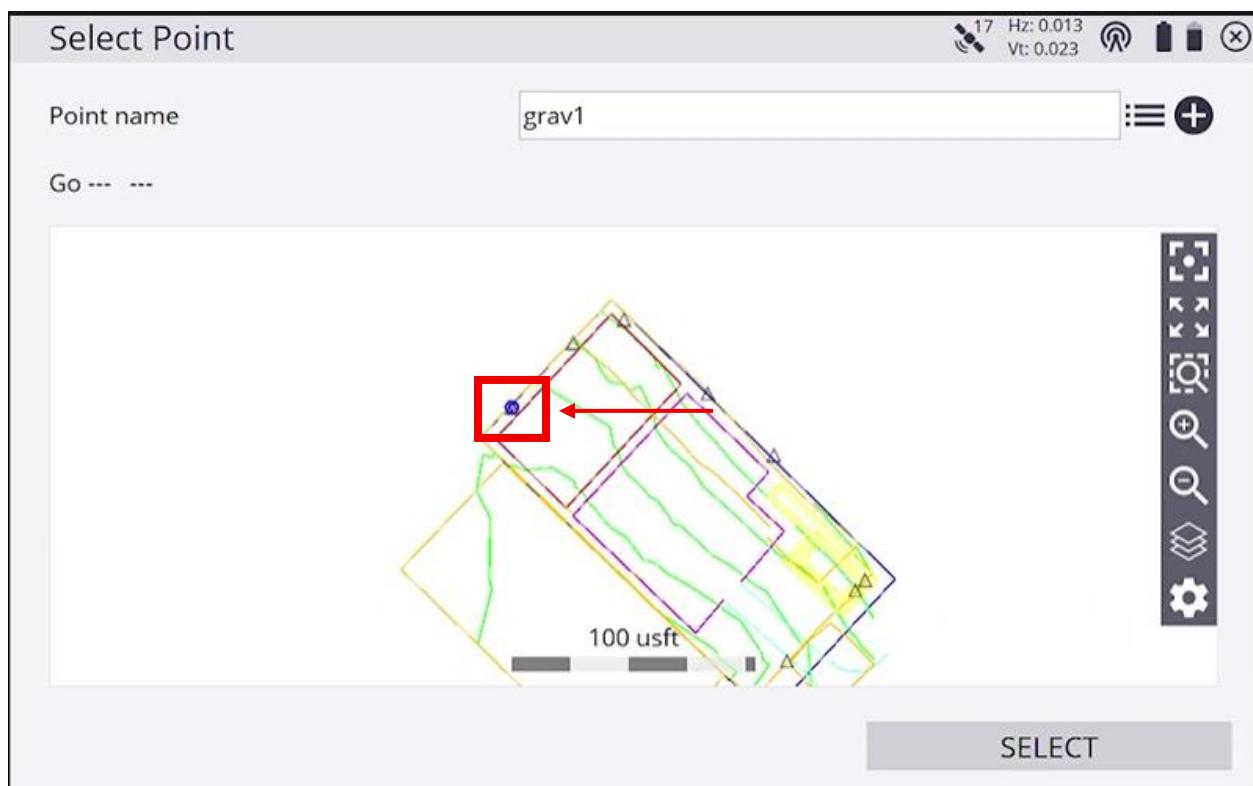
3. Tap “Project Setup”, then click “Project Calibration”.



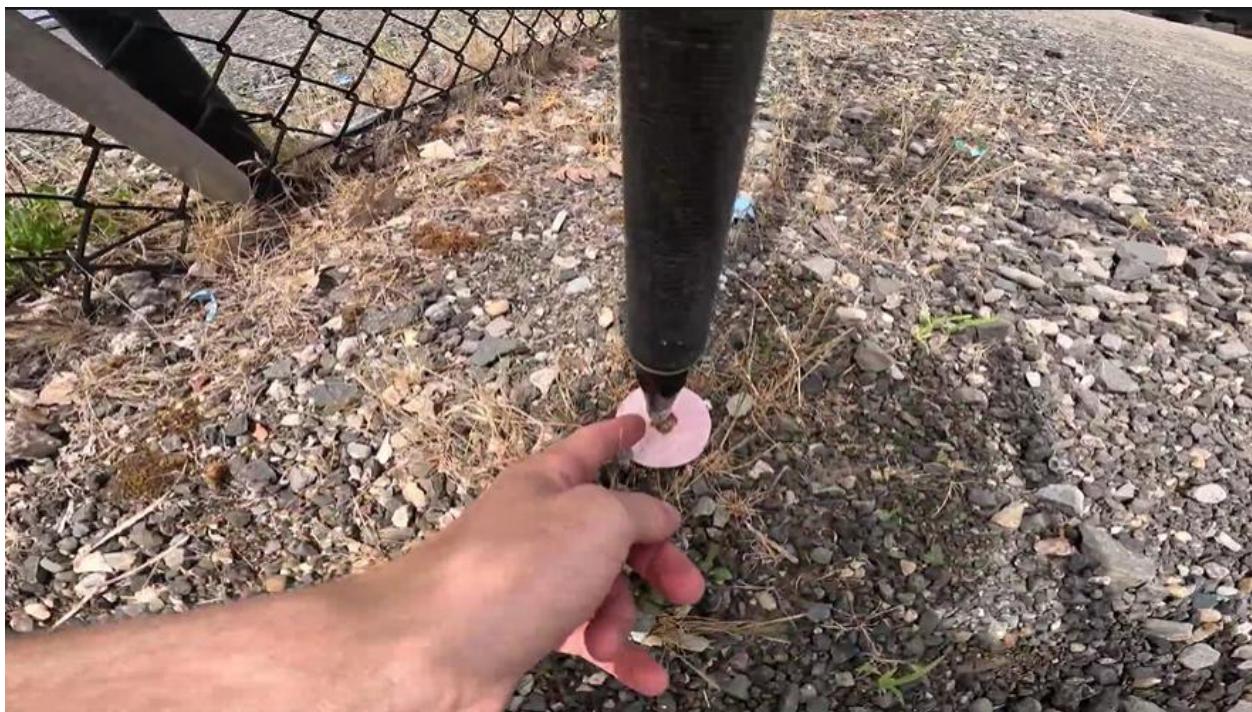
4. Click the plus “+” icon on the top left.



5. Select a “Control Point” on your project and walk towards it.



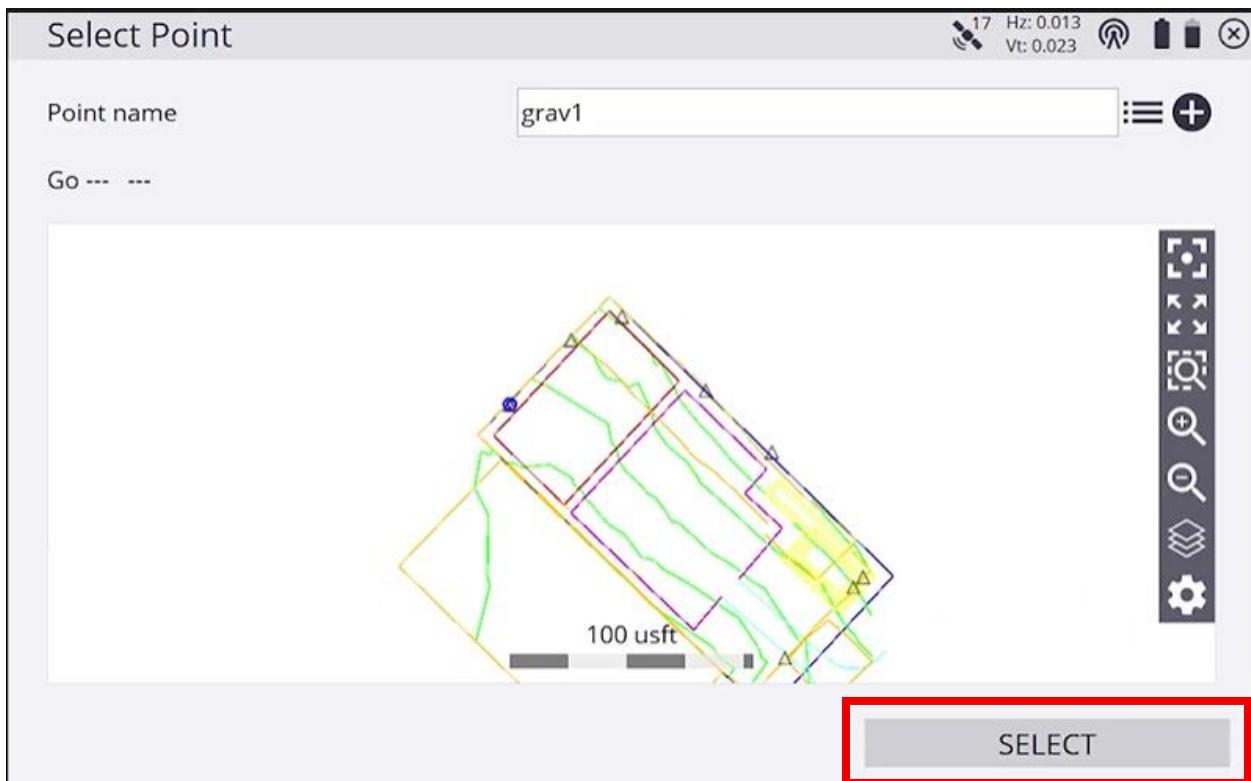
6. Setup your Rover rod on the selected Control Point.



7. Make sure your Rod is level.



8. Click select on your Rover.



9. Adjust your “**Vertical height**” depending on your setup.

Static Mode Settings

Measure method	Bottom of Quick Release
Vertical height	6.562 usft
Horizontal tolerance	0.082 usft
Vertical tolerance	0.082 usft
Minimum measuring time	15
Time unit	Seconds
<input type="checkbox"/> Log data in receiver	
Recording interval (seconds)	5

**START**

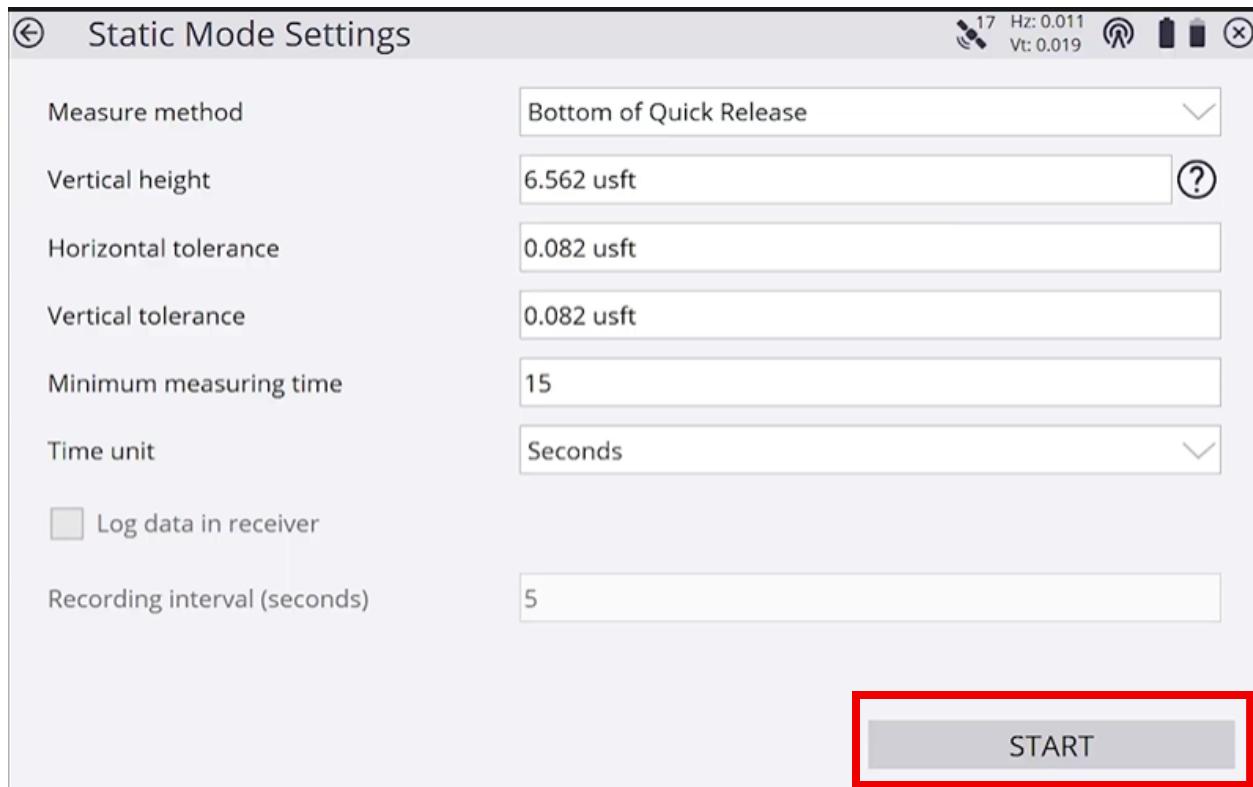
10. Set the “**Minimum measuring time**” to a min. of **60+**. Longer time means more accurate result.

Static Mode Settings

Measure method	Bottom of Quick Release
Vertical height	6.562 usft
Horizontal tolerance	0.082 usft
Vertical tolerance	0.082 usft
Minimum measuring time	15
Time unit	Seconds
<input type="checkbox"/> Log data in receiver	
Recording interval (seconds)	5

**START**

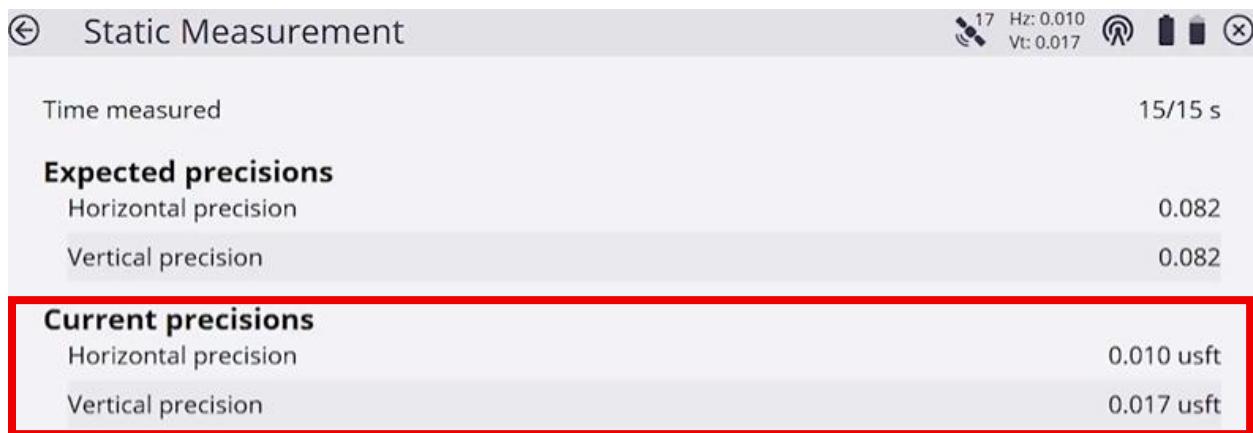
11. Click “Start”. (Note measuring time is only for example. You should set it to a min. of 60+)



Static Mode Settings

Measure method	Bottom of Quick Release
Vertical height	6.562 usft
Horizontal tolerance	0.082 usft
Vertical tolerance	0.082 usft
Minimum measuring time	15
Time unit	Seconds
<input type="checkbox"/> Log data in receiver	
Recording interval (seconds)	5
<b>START</b>	

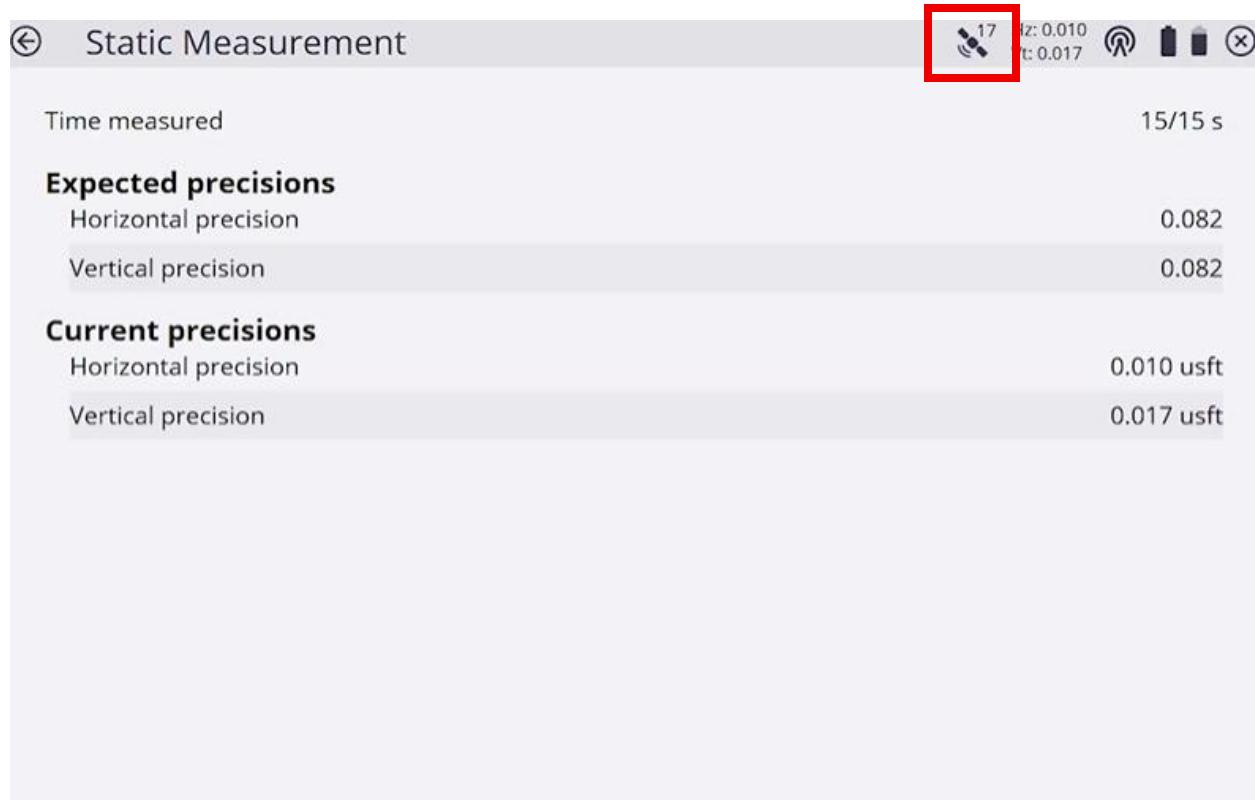
12. Make sure your “**Current precisions**” is under **0.082 usft** for accurate results.



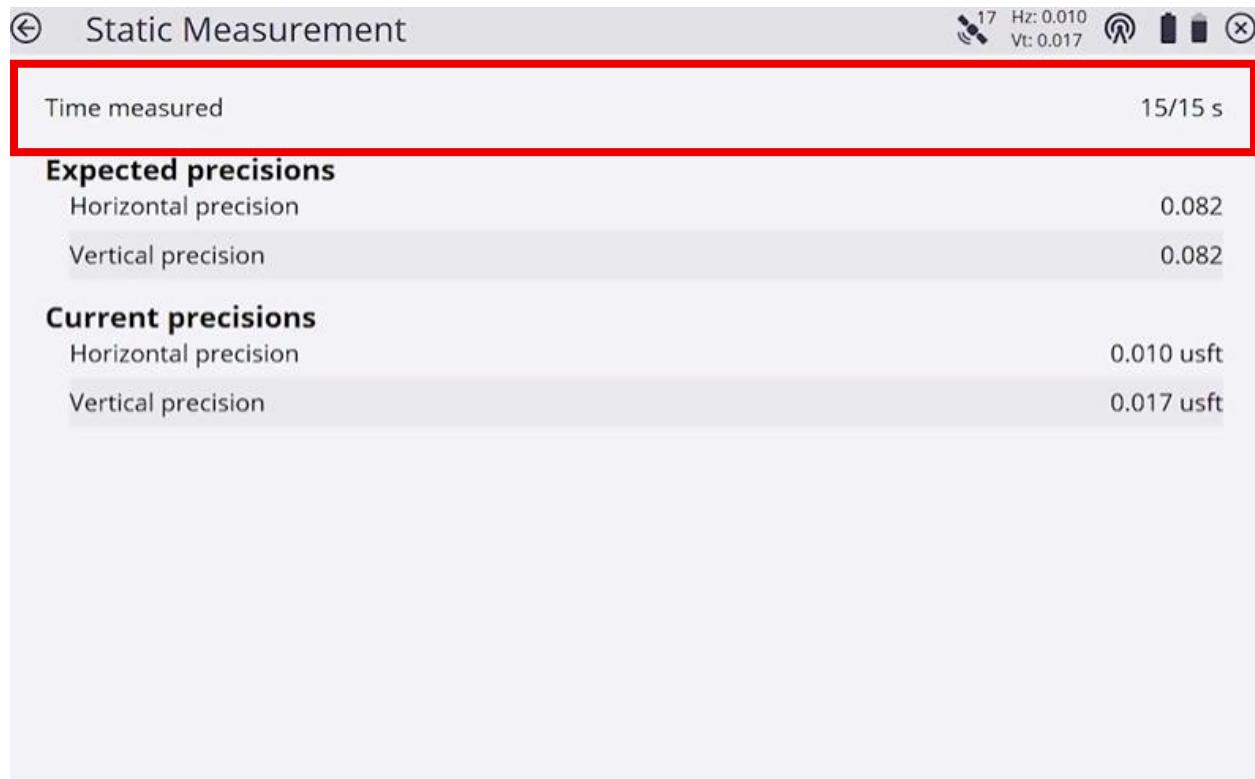
Static Measurement

Time measured	15/15 s
<b>Expected precisions</b>	
Horizontal precision	0.082
Vertical precision	0.082
<b>Current precisions</b>	
Horizontal precision	0.010 usft
Vertical precision	0.017 usft

13. Also make sure your satellite count is above **10 satellites** for accurate results.



14. Wait for the “**Time measured**” to finish.



15. Repeat **Steps 4 to 14** and calibrate the control points of your project. Once done, make sure that **Calibration is in tolerance**. Otherwise, repeat the whole process starting from Control Point 1.

Project Calibration

14 Hz: 0.013 Vt: 0.024 

 Calibration is in tolerance.  
H res: 0.007 usft V res: 0.017 usft

Point Name	H Residuals	V Residuals
<input checked="" type="checkbox"/> grav1	<input checked="" type="checkbox"/> 0.008	<input checked="" type="checkbox"/> -0.021
<input checked="" type="checkbox"/> grav2	<input checked="" type="checkbox"/> 0.009	<input checked="" type="checkbox"/> 0.001
<input checked="" type="checkbox"/> grav3	<input checked="" type="checkbox"/> 0.002	<input checked="" type="checkbox"/> 0.020

**MOVE BASE** **REPORT** 

**FINISH**

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