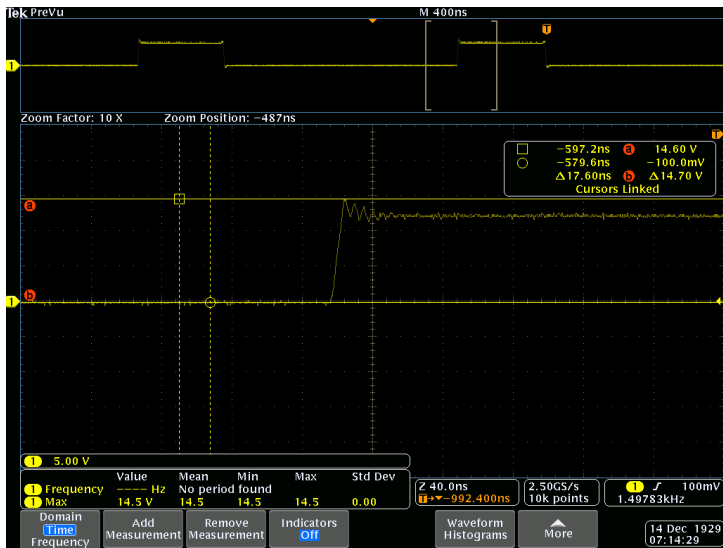
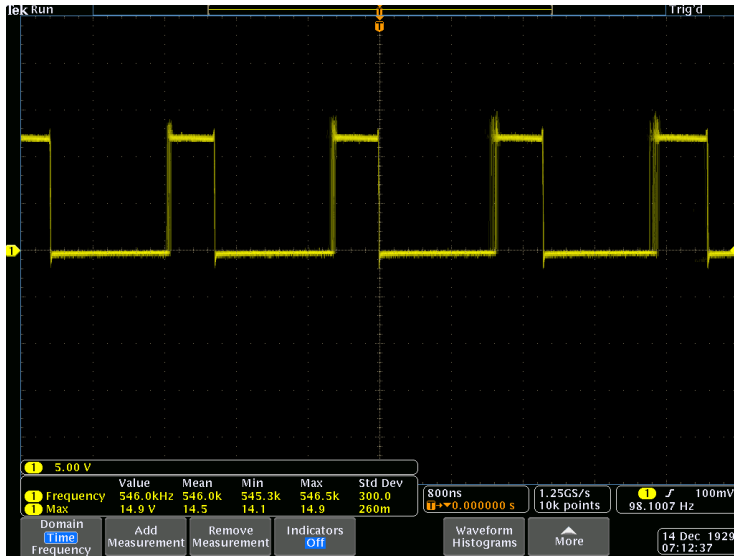


TPS61178 Boost converter Load Testing and capture Waveform

1) Load current = 160mA, and Capture waveform at Pin no 7 (SW).



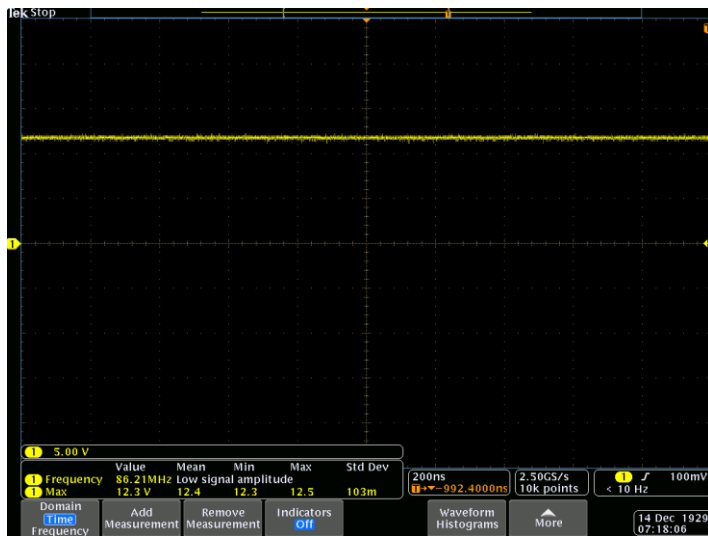
2) Load current = 160mA, and Capture waveform at Pin no 3 (ILimit).

Measured 1.20V at Pin no 3 (ILimit).

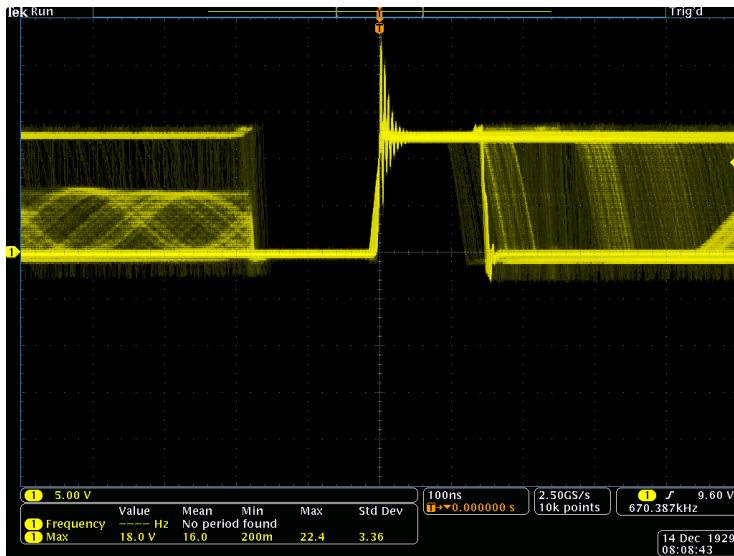


3) Load current = 160mA, and Capture waveform at Pin no 8 (Vout).

Measured 12.3V at Pin no 8 (Vout).

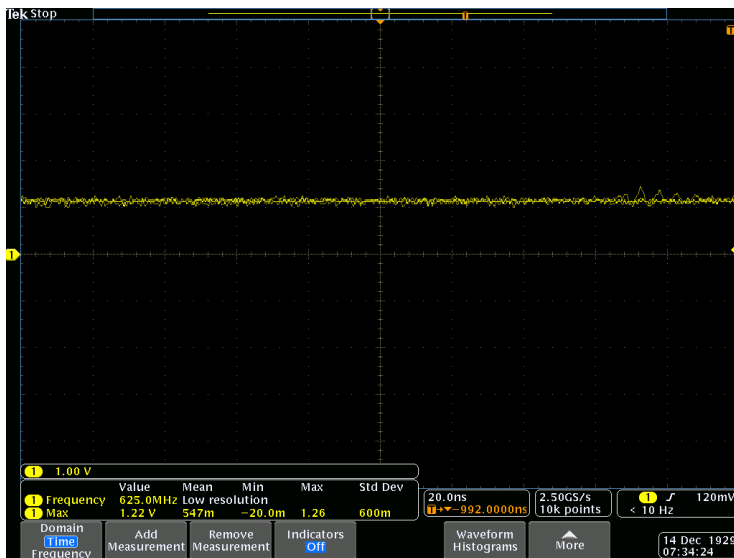


4) Load current = 410mA, and Capture waveform at Pin no 7 (SW).



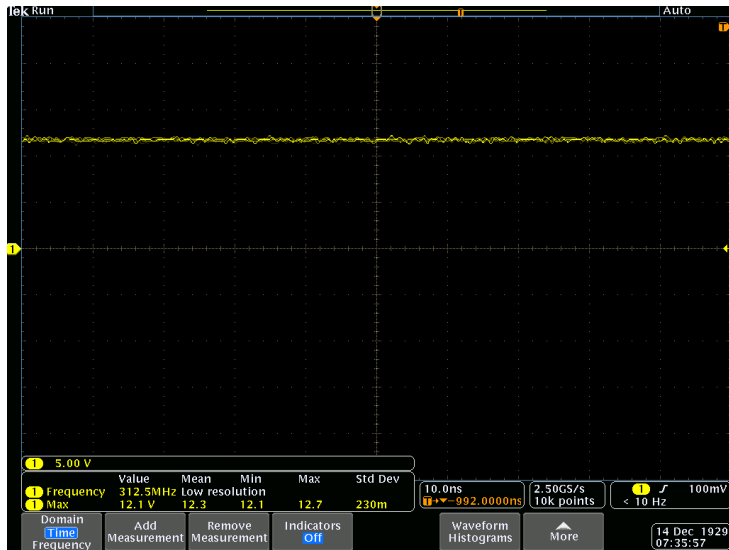
5) Load current = 410mA, and Capture waveform at Pin no 3 (ILimit).

Measured 1.2V at Pin no 3 (ILimit).



6) Load current =400mA, and Capture waveform at Pin no 8 (Vout).

Measured 12.1V at Pin no 8 (Vout).



7) Load current =400mA, and Capture waveform at Pin no 8 (Vout).

Capture signal at Vout When Board Reboot. Initially we observed 12V on CRO and after few second it down to 0V and observed waveform as per below image.

