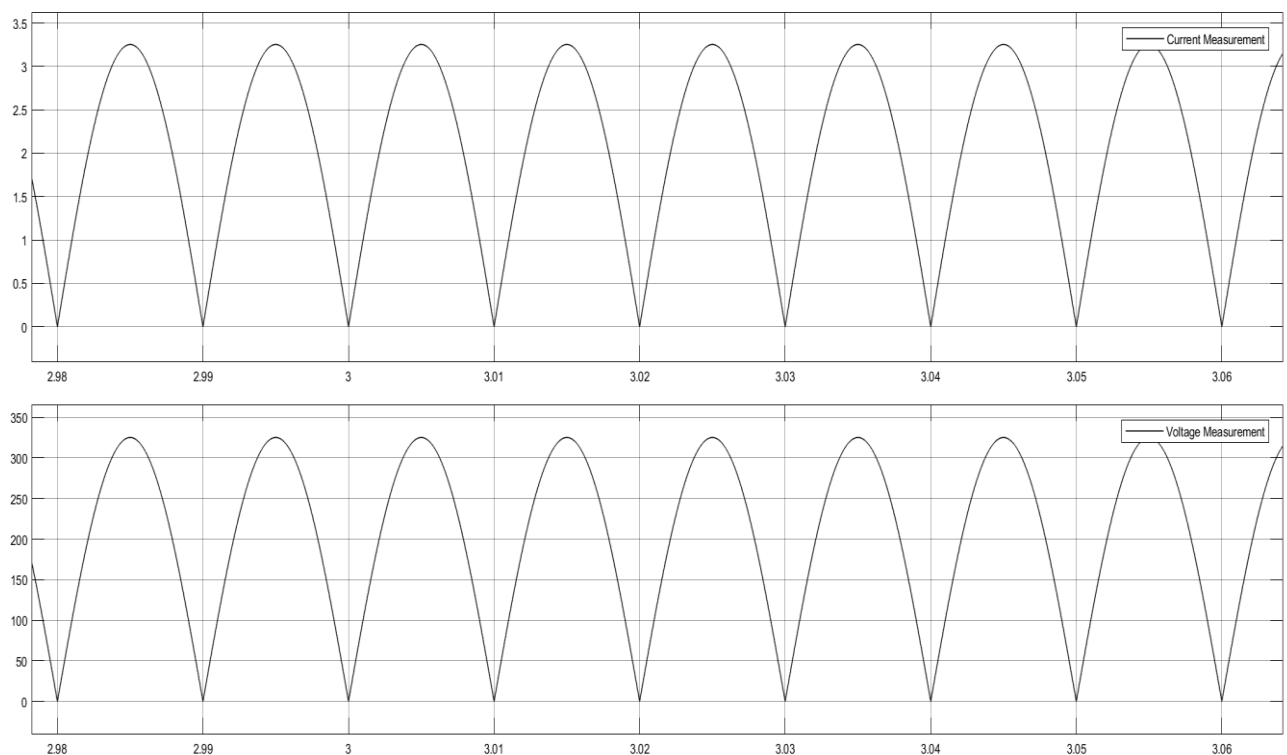
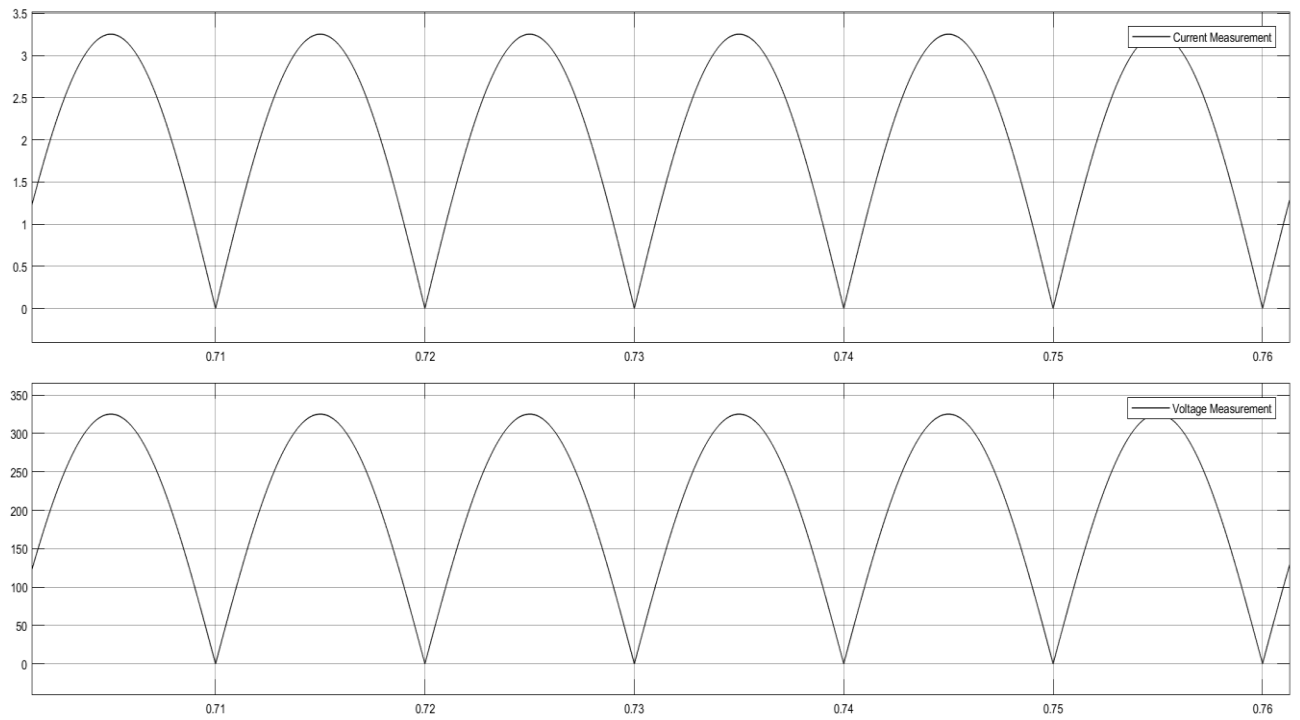


**Figure 1:** Current and voltage waveform of single phase rectifier with 1.5 msec sampling rate



**Figure 2:** Current and voltage waveform of single phase rectifier with 10 µsec sampling rate



**Figure 3:** Current and voltage waveform of single phase rectifier with 1  $\mu$ sec sampling rate