



Figure 18 Waveforms for the 5 to 200V converter include the LT1172 switch current and voltage (traces A and C, respectively) and Q_1 's drain voltage (Trace B). The termination of the current ramp results in a high-voltage flyback event at the drain of Q_1 . A safely attenuated version appears at the LT1172 switch. The inductor ring-off between current-conduction cycles creates the sinusoidal signature, but it is harmless.
