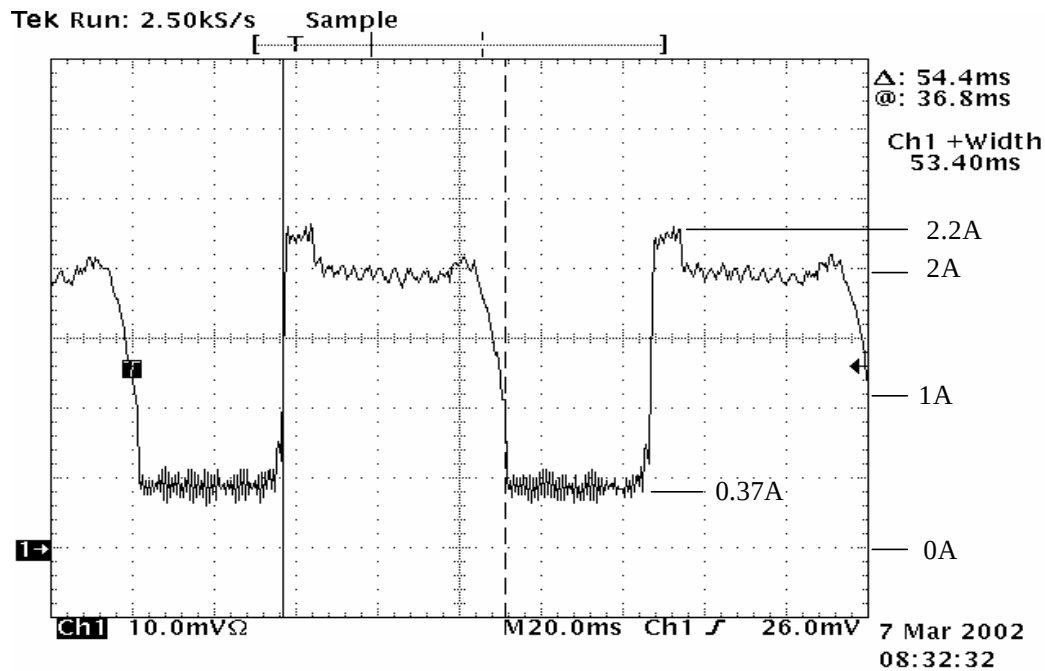
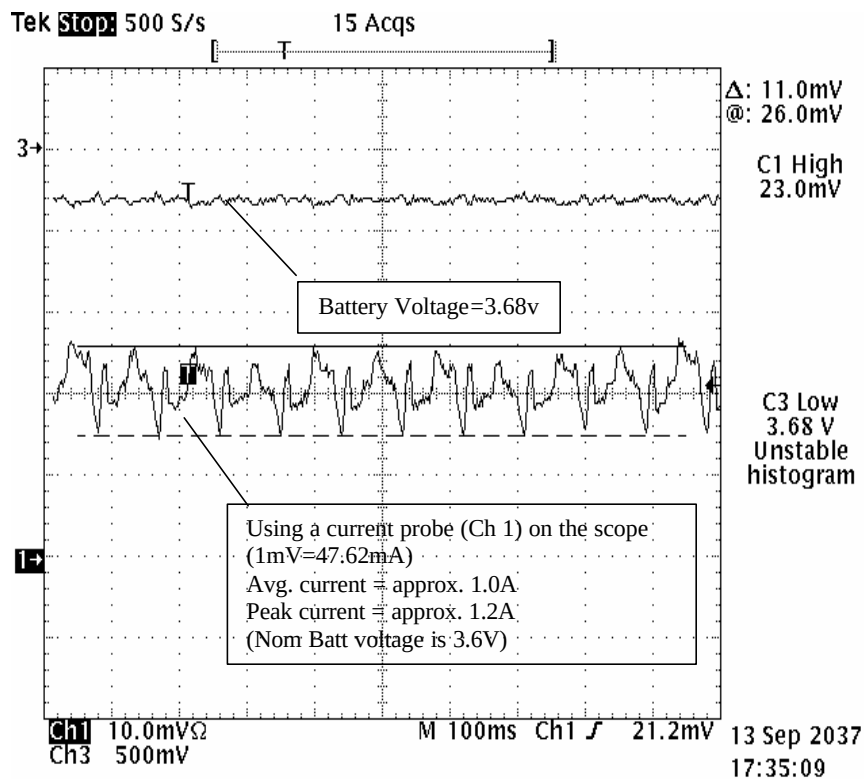


Current Drawn During Power-Up for 9500 and 9505 Modems



1. The input voltage must be in the range of 3.6VDC to 5.0VDC
2. The DC power source must be capable of providing at least 2.5A
3. The plot shown above was sampled at a DC power input of ~3.68VDC
4. The time history diagram shown above is during power-up, which occurs over a duration of approximately 700 milliseconds.
5. After ~700 milliseconds, the current drops to ~110mA at 3.68VDC and remains at this point until a connection is made

Current Drawn During TX/RX for 9500 and 9505 Modems



1. The plot shown above was sampled at a DC power input of ~3.68VDC
2. The time history diagram shown above is during a connection with the Iridium satellite (for transmitting or receiving)
3. The current stays at an average of 1.0A at 3.68VDC for as long as the modem is connected with the satellite. It drops back to ~110mA when a call is disconnected