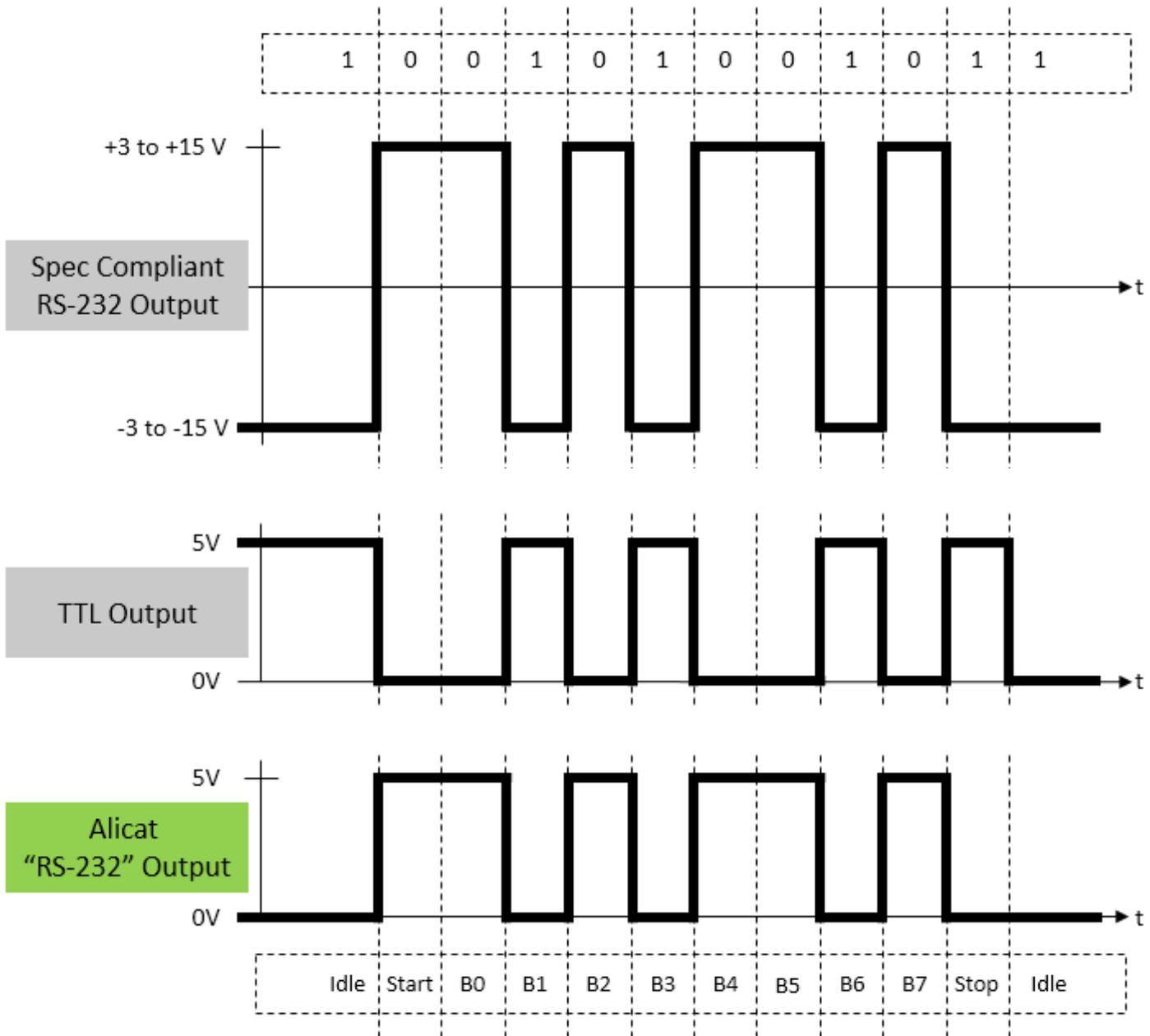


## Alicat RS-232 Output Specifications

### Transmission of the letter "J"



The Alicat RS-232 output uses the same timing as RS-232, and outputs a high voltage that is within the +3V to +15V range for RS-232, but outputs an idle and low voltage at 0V.

The RS-232 input can properly interpret a fully spec compliant RS-232 command, but outputs a 0-5 volt signal for the RS-232 data. This is done to allow for multi-drop communication over RS-232 (generally a single device communication method) by allowing the idle of the unit to remain at ground (as well as to keep noise at a minimum).

This is generally not an issue for RS-232 transceivers, as almost all systems can properly interpret the 0-5 volt signal (with the ground reference properly wired to the RS-232 COM port).