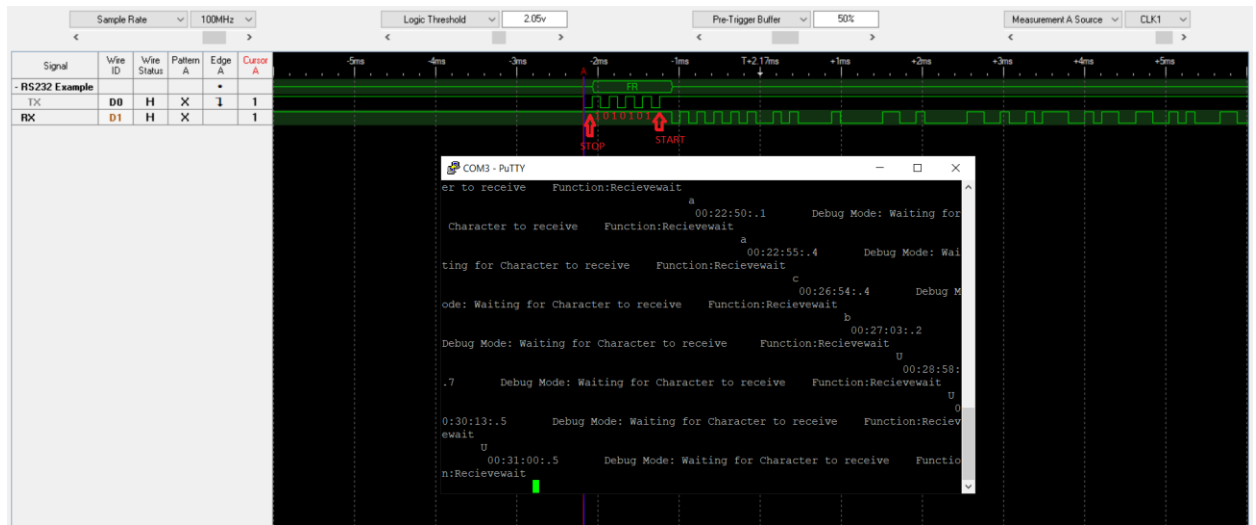


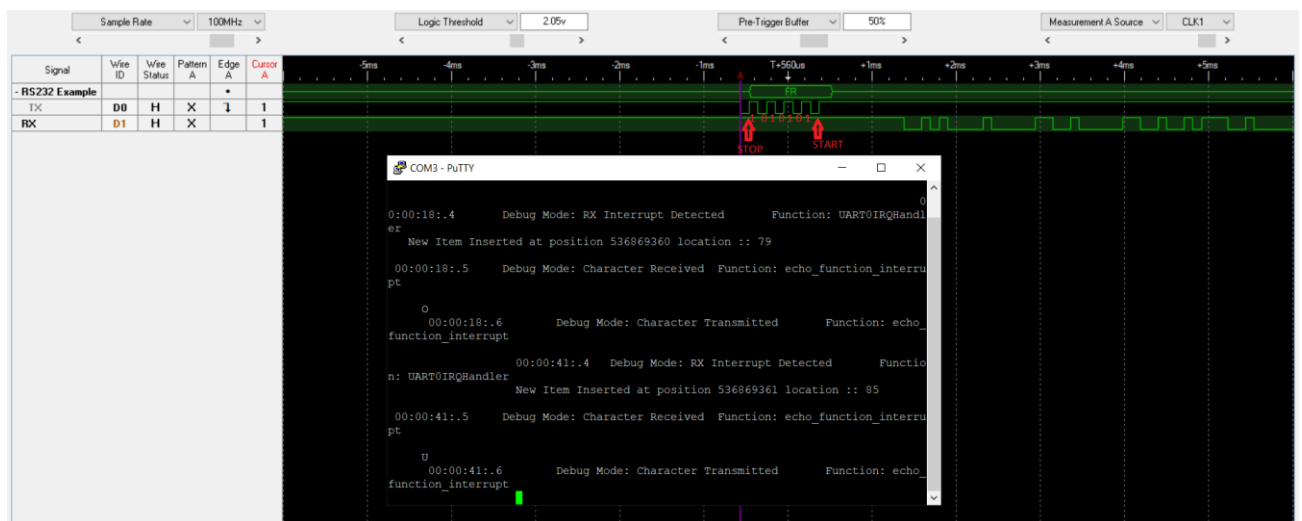
Attached below are the screenshots of UART based communication in polling and interrupt modes.

1) Transmission of Character 'U' in Polling Mode



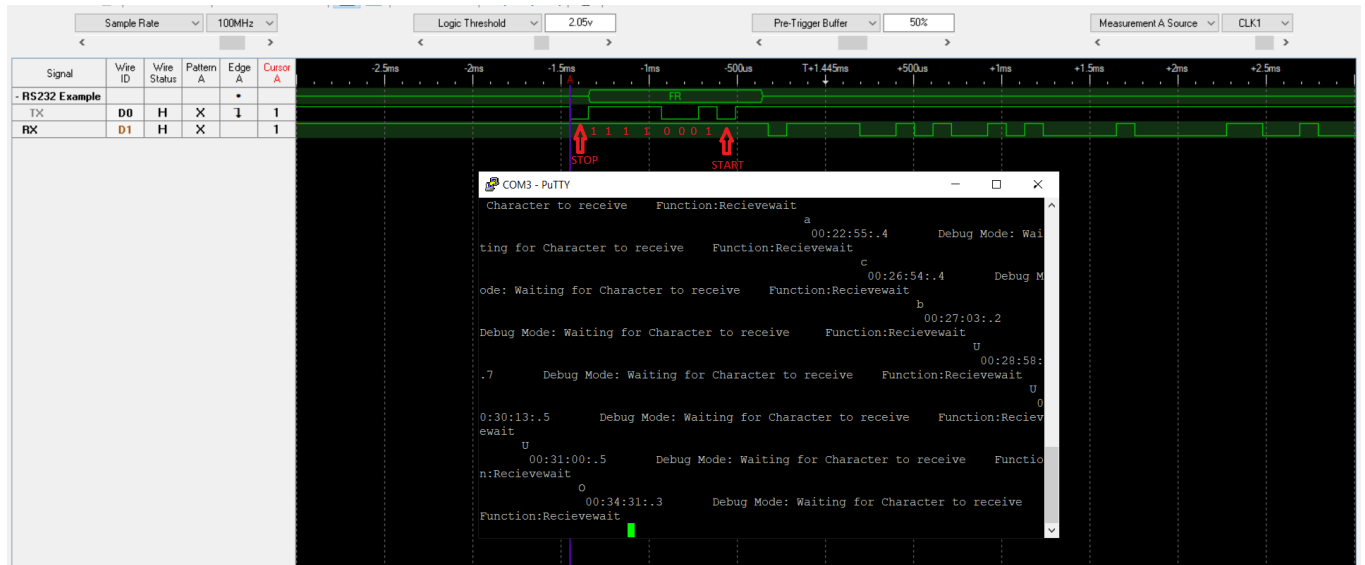
ASCII value of Character 'U' is 85 in decimal which is equivalent to 10101010 which can be observed in the pulse with start and stop bits.

2) Transmission of Character 'U' in Interrupt Mode



ASCII value of Character 'U' is 85 in decimal which is equivalent to 10101010 which can be observed in the pulse with start and stop bits. This data is sent in interrupt mode.

3) Transmission of Character 'O' in Polling Mode



ASCII value of Character 'O' is 79 in decimal which is equivalent to 1001111 which can be observed in the pulse.