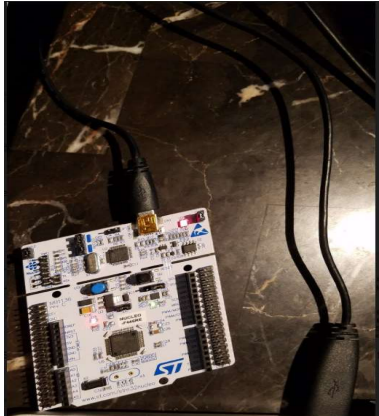
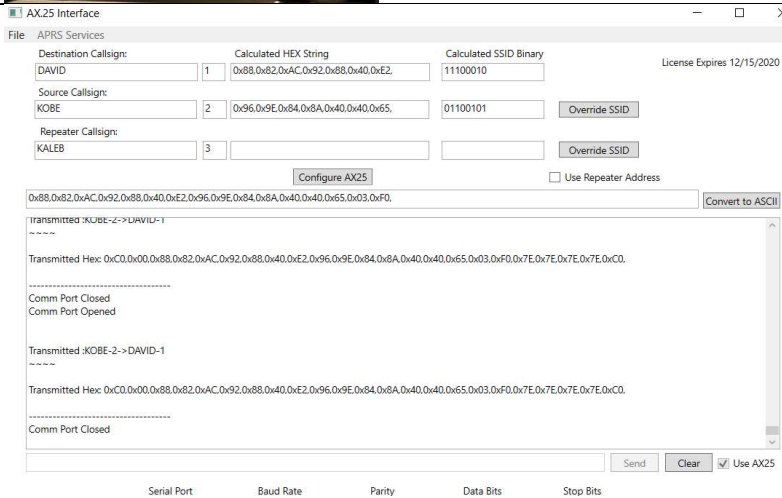


TNC Testing Form (REV1)	
Leaf on the Tree	KISS Packet
Device Under Test (Testing Tree Number):	2.1.1
Date:	11/1/2020
Person(s) Conducting Experiment:	Kobe Keorpraseuth
Signature:	
Experiment Purpose:	The purpose of this experiment was to make sure the KISS has been received by the microcontroller over UART and able to convert the packet from hex to binary so the AX.25 packet can be formed.
Experiment Procedure:	We will send a packet from our KISS packet generator software and output the binary conversion (done by our microcontroller) through UART which will be displayed on a serial monitor.
Equipment Settings / Software Settings (w Revision):	We will send KISS packets using Rizwan's software and display the received KISS packet in binary on the serial monitor.
Testing Diagram / Picture:	
Data Points:	 <p>Rizwan's Software to send KISS packets</p>

	<div>Start flag = 1 1 0 0 0 0 0 0 0</div> <div>Address Field 1 = 1 0 0 0 1 0 0 0</div> <div>Address Field 2 = 1 0 0 0 0 0 1 0</div> <div>Address Field 3 = 1 0 1 0 1 1 0 0</div> <div>Address Field 4 = 1 0 0 1 0 0 1 0</div> <div>Address Field 5 = 1 0 0 0 1 0 0 0</div> <div>Address Field 6 = 0 1 0 0 0 0 0 0</div> <div>Address Field 7 = 1 1 1 0 0 0 1 0</div> <div>Address Field 8 = 1 0 0 1 0 1 1 0</div> <div>Address Field 9 = 1 0 0 1 1 1 1 0</div> <div>Address Field 10 = 1 0 0 0 0 1 0 0</div> <div>Address Field 11 = 1 0 0 0 1 0 1 0</div> <div>Address Field 12 = 0 1 0 0 0 0 0 0</div> <div>Address Field 13 = 0 1 0 0 0 0 0 0</div> <div>Address Field 14 = 0 1 1 0 0 1 0 1</div> <div>Control Field = 0 0 0 0 0 0 1 1</div> <div>PID Field = 1 1 1 1 0 0 0 0</div> <div>Info Field 1 = 0 1 1 1 1 1 1 0</div> <div>Info Field 2 = 0 1 1 1 1 1 1 0</div> <div>Info Field 3 = 0 1 1 1 1 1 1 0</div> <div>Info Field 4 = 0 1 1 1 1 1 1 0</div> <div>Stop flag = 1 1 0 0 0 0 0 0</div> <div>Results</div>
Pass / Fail:	Pass
Interpreted Notes:	As shown the serial correctly displays the binary representation of the KISS packet received.
Recommendations for Modifications:	None