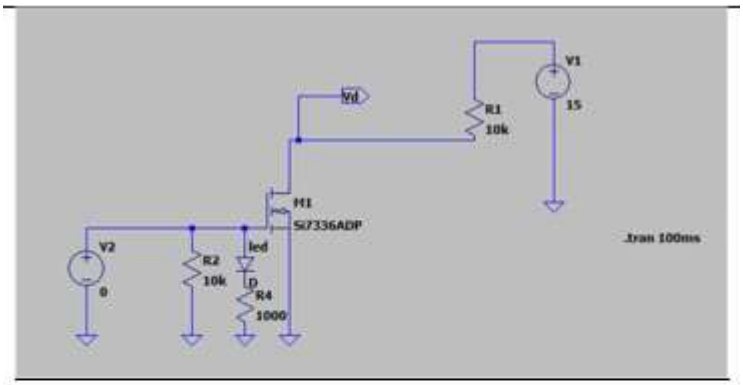
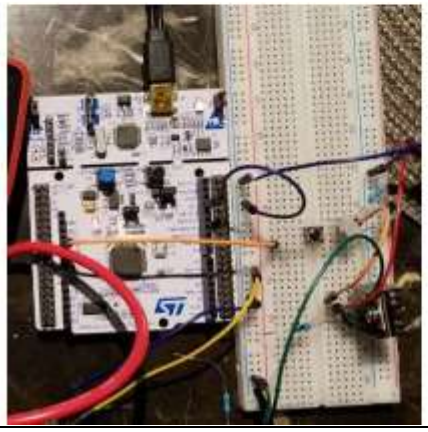
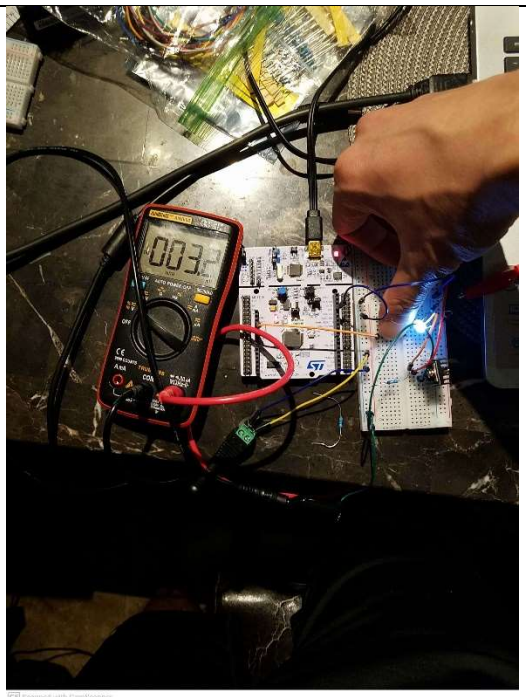
TNC Testing Form (REV1)	
Leaf on the Tree	PTT Circuit
Device Under Test (Testing Tree Number):	1.2.1
Date:	11/1/20
Person(s) Conducting Experiment:	Kobe Keopraseuth
Signature:	
Experiment Purpose:	The purpose of this experiment is to verify that the PTT circuit can pull 15V ,going into the drain, to 0 V when the it is turned on.
Experiment Procedure:	We will implement the circuit shown below and input 15 V with a pull-up resistor, to act as the radio's 15 V. Then we will use a tactile switch to switch the PTT circuit on and measure the voltage across the drain to source to see.
Equipment Settings / Software Settings (w Revision):	We use a breadboard to hook up the circuit shown below and a dc power supply for the 15 V. We used LTspice for designing the circuit. We use 3.3V reference to supply to the gate. Also, we will use a voltmeter to measure the drain to source voltage.
Testing Diagram / Picture:	 **Circuit** 

Data Points:	
Pass / Fail:	Pass
Interpreted Notes:	As shown, when a high signal is inputted into the circuit, then it is able to decrease the 15V at the drain down to 3.2 mV which very close to 0 V
Recommendations for Modifications:	None