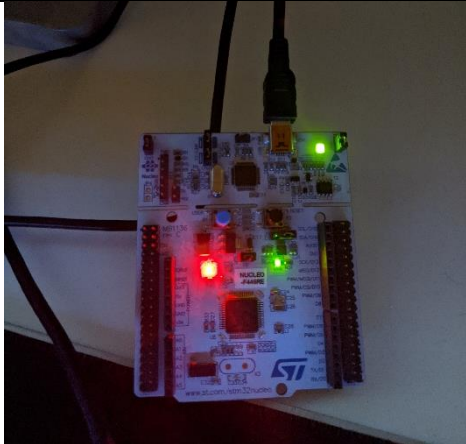


TNC Testing Form (REV1)	
Leaf on the Tree	Latency
Device Under Test (Testing Tree Number):	2.1.1.1
Date:	10/31/2020
Person(s) Conducting Experiment:	David Cain
Signature:	
Experiment Purpose:	The purpose of this experiment is to ensure that the latency of the microcontroller when transmitting data is within an acceptable time. A specified time was not given for the project, but this is an important consideration from a user perspective.
Experiment Procedure:	I will setup a software timer that begins the moment the controller receives a KISS packet over UART. This timer will run until the controller begins to repeatedly output the same message in broadcasting mode.
Equipment Settings / Software Settings (w Revision):	Working entirely within our own software. This is not complete but it is mostly finished.
Testing Diagram / Picture:	
Data Points:	<pre> Total transmission time was: 12332µs Beginning AFSK transmissionµs Ending AFSK transmissionµs BROADCASTING WILL REPEAT IN A 2000 MILLISSECOND . . . . .µs </pre>
Pass / Fail:	Pass
Interpreted Notes:	The device takes ~1.2ms and this is deemed acceptable.
Recommendations for Modifications:	None.