TNC Testing Form (REV1)	
Leaf on the Tree	Bit Transitions
Device Under Test (Testing Tree Number):	2.3.2.1.4
Date:	10/31/2020
Person(s) Conducting Experiment:	David Cain
Signature:	
Experiment Purpose:	The purpose of this experiment is to ensure that the waveforms of our output do not suffer due to bit transitions.
Experiment Procedure:	Force the TNC into a debugging broadcast mode, then use the Digilent discovery 2 to measure the waveform frequency at many points.
Equipment Settings / Software Settings (w Revision):	The Digilent will be set to record the waveform and an optical inspection will be used.
Testing Diagram / Picture:	
Data Points:	
Pass / Fail:	Fail
Interpreted Notes:	There is an obvious phase shift when the bits are transitioning.
Recommendations for Modifications:	Correct code that generates the output to calculate the next expected starting point of each bit.