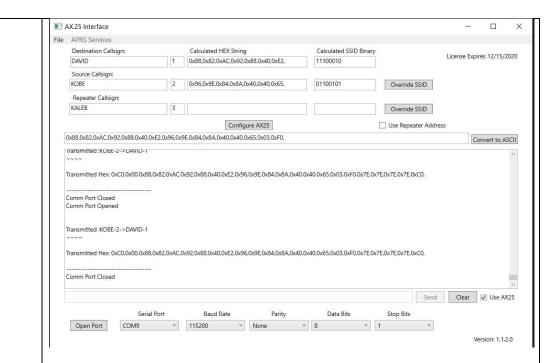
TNC Testing Form (REV1)	
Leaf on the Tree	AX.25 Protocol
Device Under Test	
(Testing Tree	2.2.1
Number):	
Date:	11/1/20
Person(s)	
Conducting	Kobe Keopraseuth
Experiment:	
Signature:	
Experiment	The purpose of this experiment of this experiment is to verify that our
Purpose:	microcontroller can take in a KISS packet and format the AX.25 Packet Correctly.
Experiment	Take in a KISS packet from computer and display the fields of the AX.25 packet.
Procedure:	We will also show the calculated crc to show that the KISS packet for properly
	extracted.
Equipment	
Settings /	Use Rizwan's software to send a KISS packet and display the AX.25 packet on
Software Settings	serial monitor.
(w Revision):	
Testing Diagram / Picture:	
Data Points:	



Rizwan's software for transmitting KISS packets

```
Start flag
Address Field 1 = 1 0
                        0
                           0
                              1
                                 0
                                    0
                                       0
Address Field 2 = 1 0
                        0
                           0
                              0
                                 0
                                    1
                                       0
Address Field 3 = 1 0
                              1
                        1
                           0
                                 1
                                    0
                                       0
Address Field 4 = 1 0
                        0
                              0
                                 0
                           1
                                       0
Address Field 5 = 1
                     0
                        0
                           0
                              1
                                 0
                                    0
                                       0
Address Field 6 = 0 1
                        0
                           0
                              0
                                 0
                                    0
                                       0
Address Field 7 = 1 1
                           0
                              0
                                 0
                                       0
Address Field 8 = 1 0
                       0
                              0
                           1
                                       0
Address Field 9 = 1
                     0
                        0
Address Field 10 = 1 0
                         0
                            0
                               0
                                     0
                                        0
Address Field 11 = 1
                      0
                         0
                               1
                                     1
Address Field 12 = 0 1
                                        0
                         0
                            0
                               0
                                  0
                                     0
Address Field 13 = 0
                      1
                         0
                            0
                               0
                                  0
                                     0
                                        0
Address Field 14 = 0
                     1 1
                           0
                              0
                                       1
Control Field
                = 0 0 0
                          0 0
                                0
                                       1
PID Field
                = 1
                     1
                        1
                           1
                              0
                                0
                                   0
                                       0
Info Field 1
                = 0
                                 1
                                       0
Info Field 2
                = 0
                     1
                        1
Info Field 3
                = 0
                     1
                        1
                           1
                              1
                                 1
                                    1
                                       0
Info Field 4
                = 0
                     1
                        1
                           1
                              1
                                 1
                                    1
                                       0
Stop flag
                = 1 1 0 0 0 0 0 0
```

Bitstream output of received KISS packet

