	TNC Testing Form (REV1)								
Leaf on the Tree	KISS Packet								
Device Under Test	NIGG F BUNCL								
(Testing Tree Number):	2.1.1								
Date:	11/1/2020								
Person(s) Conducting	11/1/2020								
Experiment:	Kobe Keorpraseuth								
Signature:									
2.6									
Experiment Purpose:	The purpose of this experiment was to make sure the KISS has been								
p	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								
P	output the binary conversion (done by our microcontroller) through UAR								
	which will be displayed on a serial monitor.								
Equipment Settings /									
Software Settings (w	We will send KISS packets using Rizwan's software and display the								
Revision):	received KISS packet in binary on the serial monitor.								
Testing Diagram /									
Picture:									
Data Points:	■ AX25 Interface								
	Destination Callsign:								
	Source Callsign:         KOBE         2         0x96.0x9E.0x64.0x8A.0x40.0x40.0x65.         01100101         Override SSID								
	Repeater Callsign:  KALE8 3 Override SSID								
	Configure AY25 Use Repeater Address								
	0x88.0x2.0x42.0x52.0x88.0x40.0x52.0x96.0x9E.0x94.0x8A.0x40.0x45.0x65.0x63.0xf0.    Transmitted XUBE-2-> DAVID-1								
	Transmitted :KOBE-2-> DAVID-1								
	Transmitted Hex: 0xC0.0x00.0x08.0x82.0xAC.0x92.0x88.0x40.0x£2.0x96.0x9E.0x84.0x8A.0x40.0x40.0x65.0x03.0xF0.0x7E.0x7E.0x7E.0x7E.0x7E.0x7E.0x7E.0x7								
	Comm Port Closed								
	Send Clear ✓ Use AX25								
	Serial Port: Baud Rate: Parity Data Bits Stop Bits Rizwan's Software to send KISS packets								
	Mizwaii 3 Juitwaie tu Seiiu Ni33 patkets								

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	Start flag	= 1	1	0	0	0	0	0	0		
	Address Field		0	0	0	1	0	0	0		
	Address Field			0	0	0	0	1	0		
	Address Field				0	1	1	0	0		
	Address Field			0	1	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	1	0	0	0	1	0		
	Address Field	8 = 1	0	0	1	0	1	1	0		
	Address Field	9 = 1	0	0	1	1	1	1	0		
	Address Field	10 = 1	0	0	0	0	1	0	0		
	Address Field	11 = 1	0	0	0	1	0	1	0		
	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	0	1		
	Control Field	= 0	0	0	0	0	0	1	1		
	PID Field				1	0	0	0	0		
	Info Field 1	= 0	1	1	1	1	1	1	0		
	Info Field 2	= 0	1	1	1	1	1	1	0		
	Info Field 3		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		
	Results										
Pass / Fail:	Pass										
Interpreted Notes:	As shown the serial correctly displays the binary representation of the										
	KISS packet received.										
Recommendations for											
Modifications:	None										
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