

Test Writer: Jeff Brown				
Test Case Name:		Rx DC Voltage Ouput Regulation		Test ID # 5.2.1
Description:		Test Output Voltage of Receiver after waveform passes through rectifier for DC conversion/regulation		Type: <input checked="" type="checkbox"/> White Box <input type="checkbox"/> Black Box
Tester Information: Electronics Test equipment skills required				
Name of Tester:				Date:
Hardware Version:		Rev A		Time:
Setup:		Signal generator acting as Stub for Tx stage		
Step	Action:	Expected Result	Pass/Fai	Comments
1	Signal generator provided sine wave at PWM frequency +/- 5V to Schottky Diode full bridge rectifier	N/A	N/A	Coils behave as filter of AC signal
2	Test output across a 10 Ω Load	USB Spec 4.5-5.5V across output		
3	Signal generator provided sine wave at PWM frequency +/- 4V to Schottky Diode full bridge rectifier	N/A	N/A	Input Sag
4	Test output across a 10 Ω Load	USB Spec 4.5-5.5V across output		
5	Signal generator provided sine wave at PWM frequency +/- 6V to Schottky Diode full bridge rectifier	N/A	N/A	Input Spike
6	Test output across a 10 Ω Load	USB Spec 4.5-5.5V across output		
Overall Test Results:				