

Lab 3: Test Plan				
Requirements	How to set up the test	what to test	Measurements	Results
Modules should be in Matlab	Open matlab and see if the project is in there	Is the module in Matlab?		Yes
Frequency estimation should be accurate to within 1 Hz	Manually add distortion and undistort using program	Is the result within Hz?	+/- 1Hz	Yes
The module should create an output audio file that sounds distortion-free on playback.		Does it sound distortion-free?		Yes
	Run program on the distored test files	Is the result within Hz?	See Table	Yes
		Does it sound distortion-free?		Mostly
FileName	Actual Average	Estimated Average	Within +/- 1Hz?	
Bicycle_built_for_2_feb_16_2012	253.0Hz	253.0308Hz	Yes	
Recording 1	295.4Hz	295.4388Hz	Yes	
Recording 2	229.6Hz	229.5906Hz	Yes	
Recording 3	-322.5Hz	-322.4605Hz	Yes	
Recording 4	-250.6Hz	-250.6446Hz	Yes	
Recording 5	-317.6Hz	-317.6401Hz	Yes	