

===== HDActuatorTest TEST RESULTS =====

Test time: 2021-02-10-11:54:03

Test parameters:

- Input file name : for_HD_report.csv
- Number of samples in the file: 455000
- Number of sample per frequency: 5000
- Acceleration Axis used: Z
- Starting frequency : 50Hz
- Ending frequency : 500Hz

Test Frequencies: 70.0Hz 110.0Hz 155.0Hz

- Device type: Handheld; Expected Dynamic HeadRoom is 0.5G

Test frequencies are perceptually distinct. Proceeding with signal analysis.

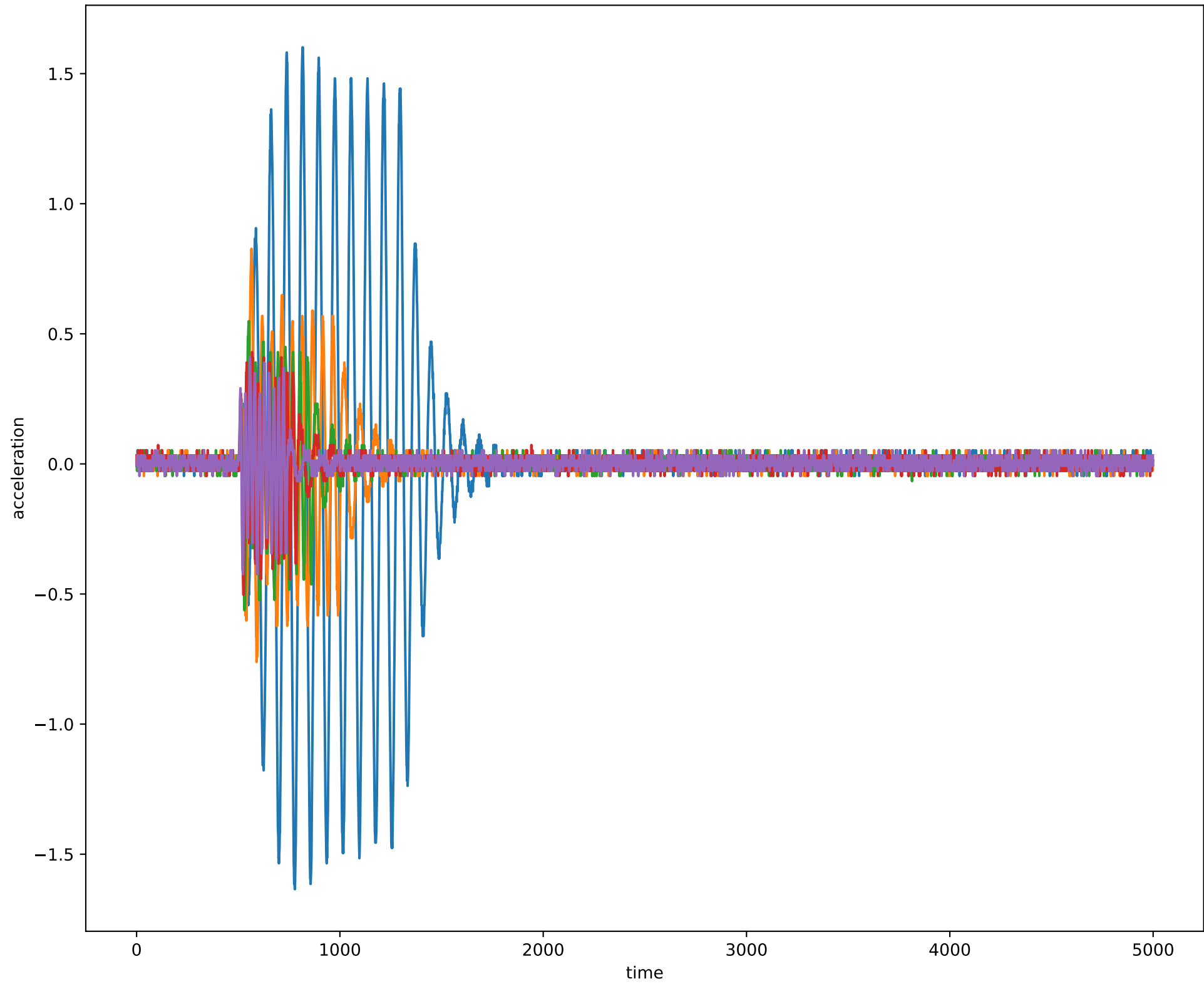
Input Frequency: 70.00 (44.60,95.40) Peak Frequency: 70.00Hz Acceleration Peak: 0.67G Distortion: 51.93%

Input Frequency: 110.00 (71.10,148.90) Peak Frequency: 112.00Hz Acceleration Peak: 2.06G Distortion: 18.35%

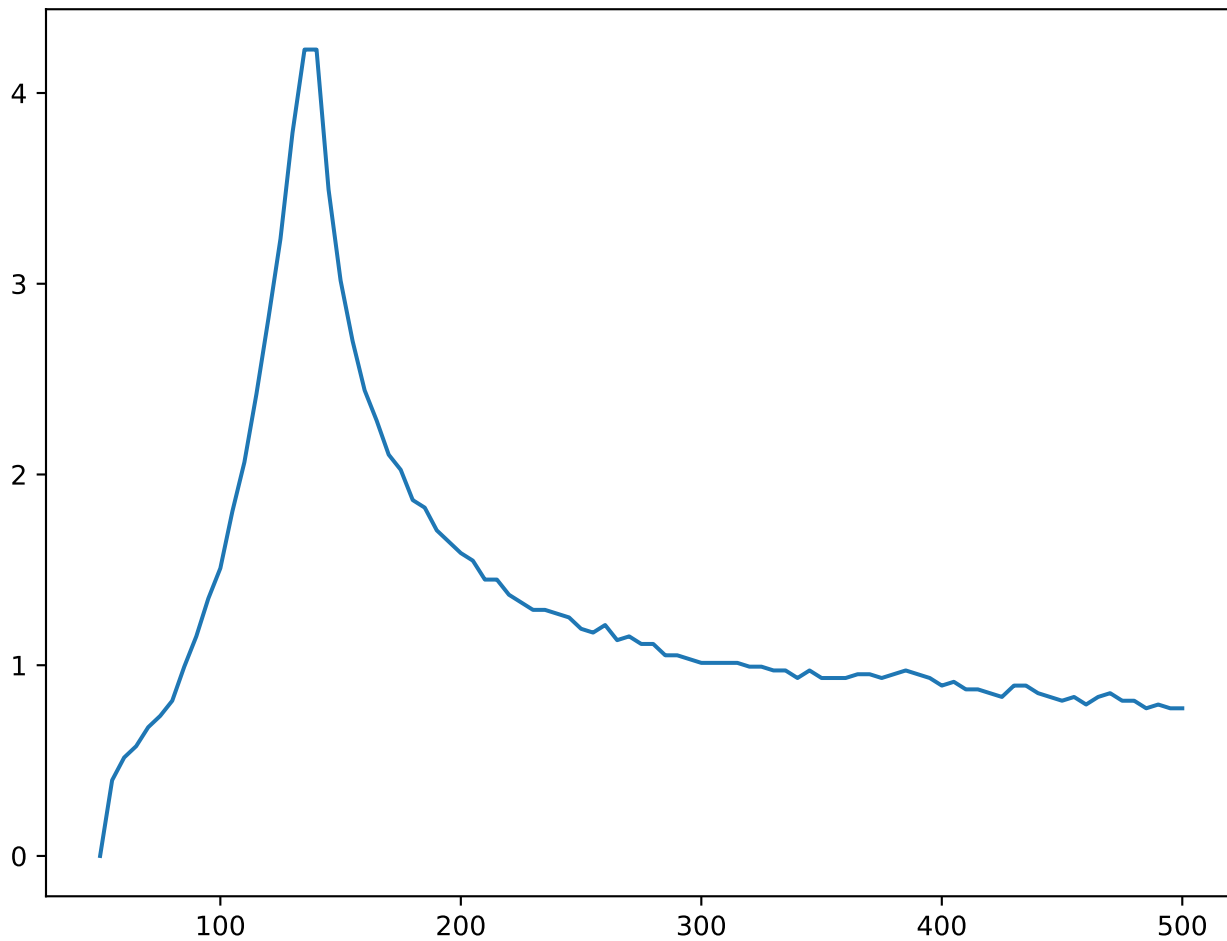
Input Frequency: 155.00 (115.55,194.45) Peak Frequency: 152.00Hz Acceleration Peak: 2.70G Distortion: 15.23%

===== Part PASSED =====

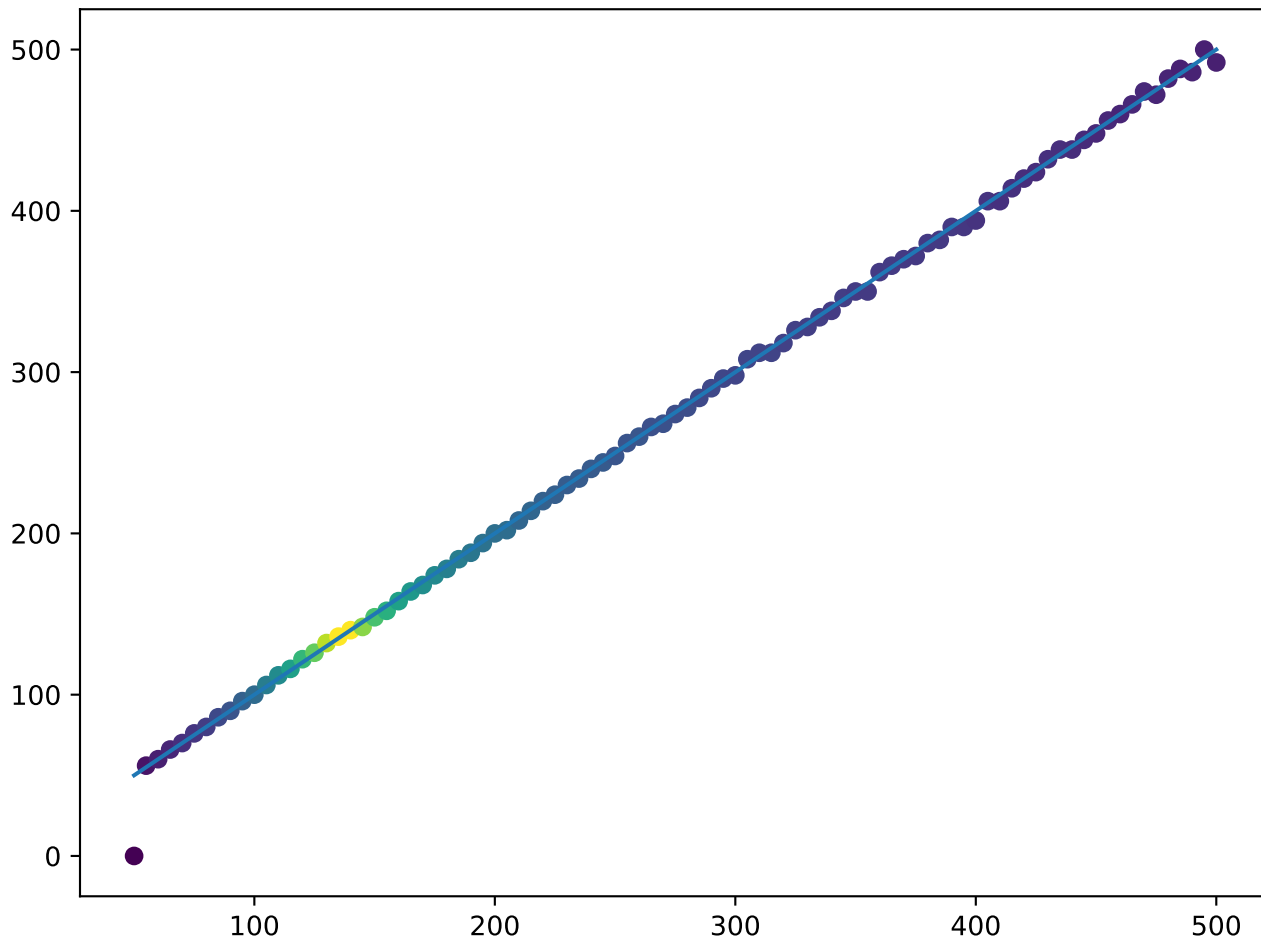
Test Data Sample Data



Frequency Map



Input-Output Map



Distortion Ratio

