

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

Test time: 2021-02-01-17:25:18

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: Y
- Starting frequency : 50Hz
- Ending frequency : 500Hz

Test Frequencies: 55.0Hz 90.0Hz 135.0Hz

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

Test frequencies are perceptually distinct. Proceeding with signal analysis.

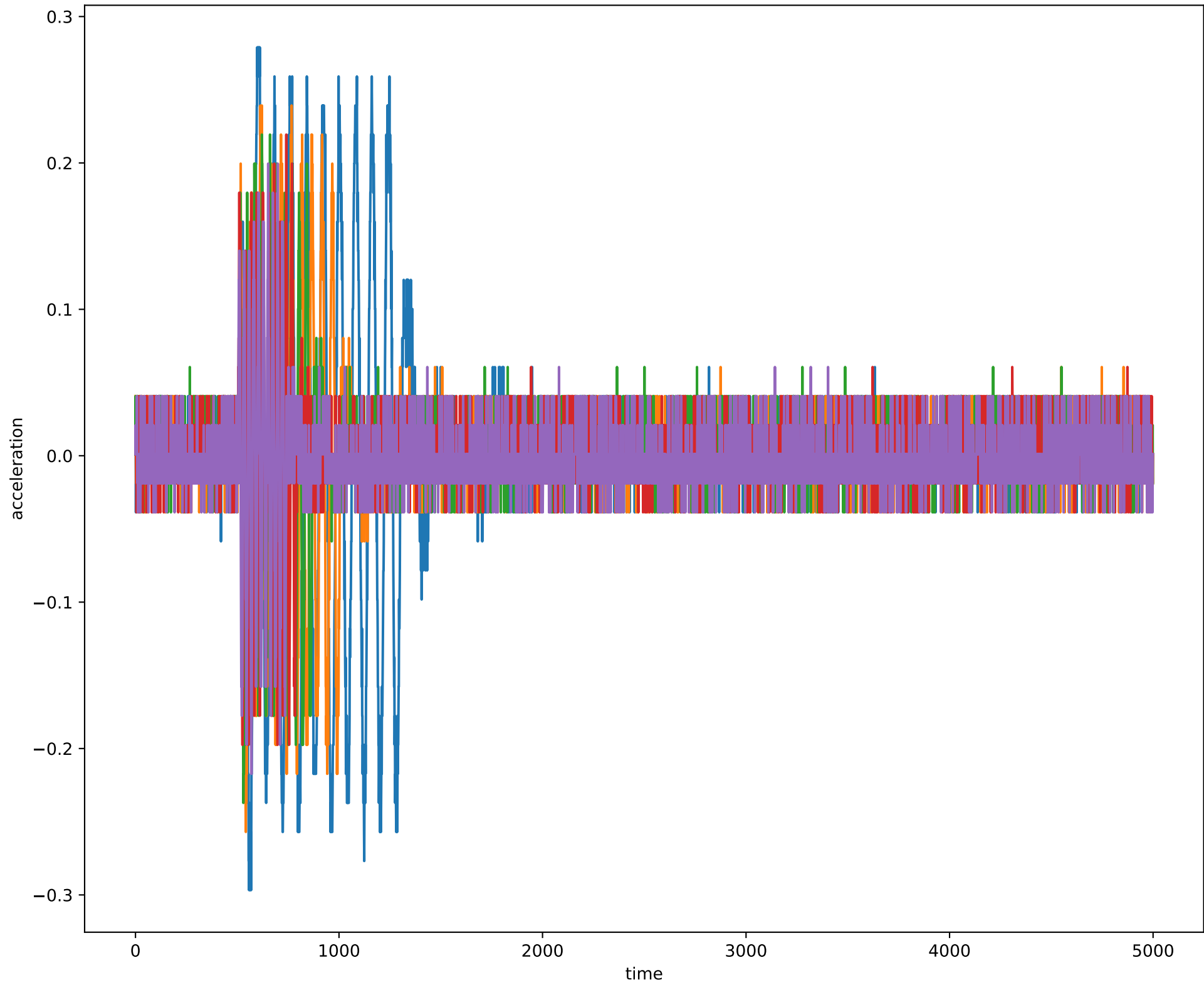
Input Frequency: 55.00 (36.65,73.35) Peak Frequency: 56.00Hz Acceleration Peak: 0.71G Distortion: 34.02%

Input Frequency: 90.00 (57.90,122.10) Peak Frequency: 90.00Hz Acceleration Peak: 0.79G Distortion: 21.65%

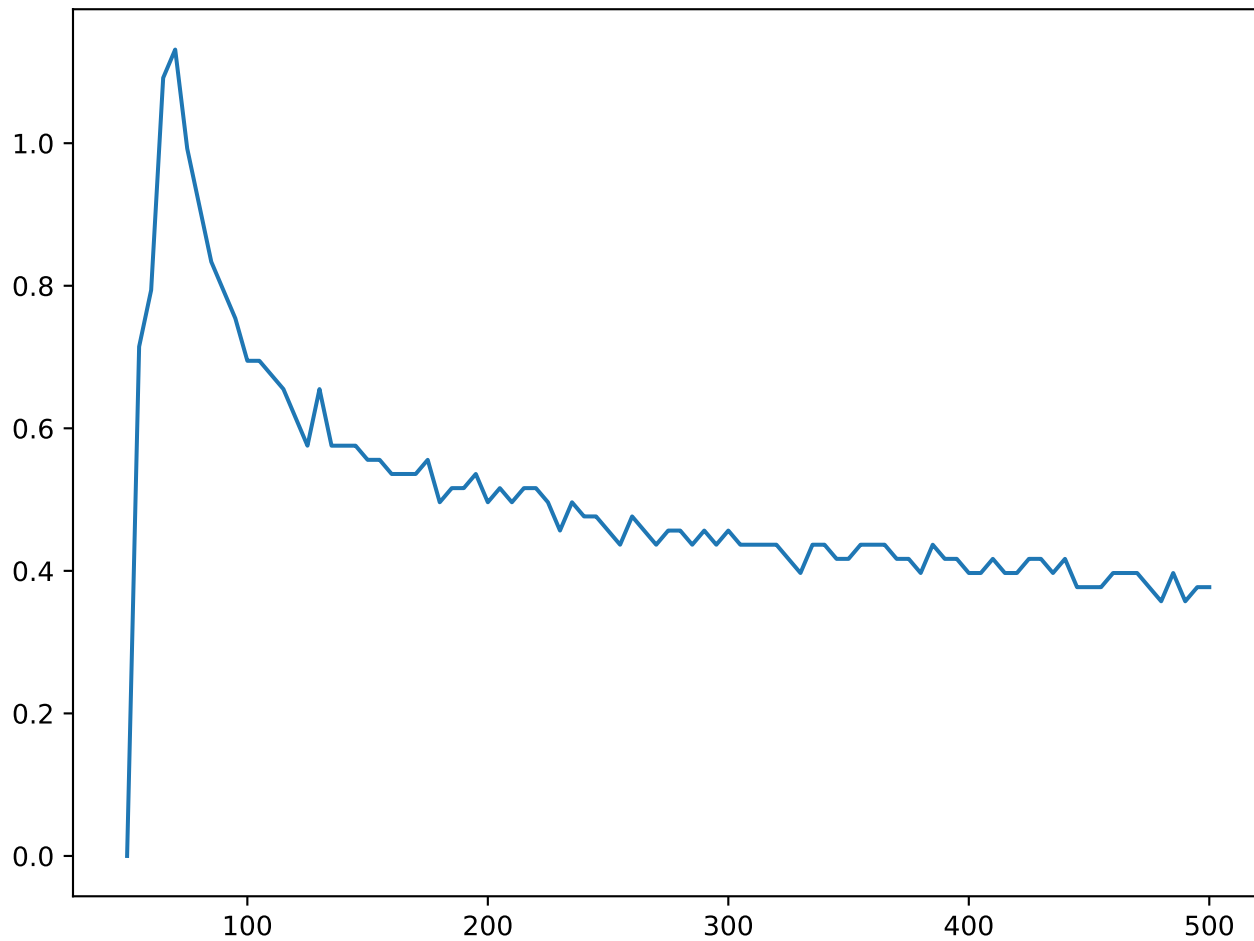
Input Frequency: 135.00 (92.55,177.45) Peak Frequency: 134.00Hz Acceleration Peak: 0.58G Distortion: 33.86%

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

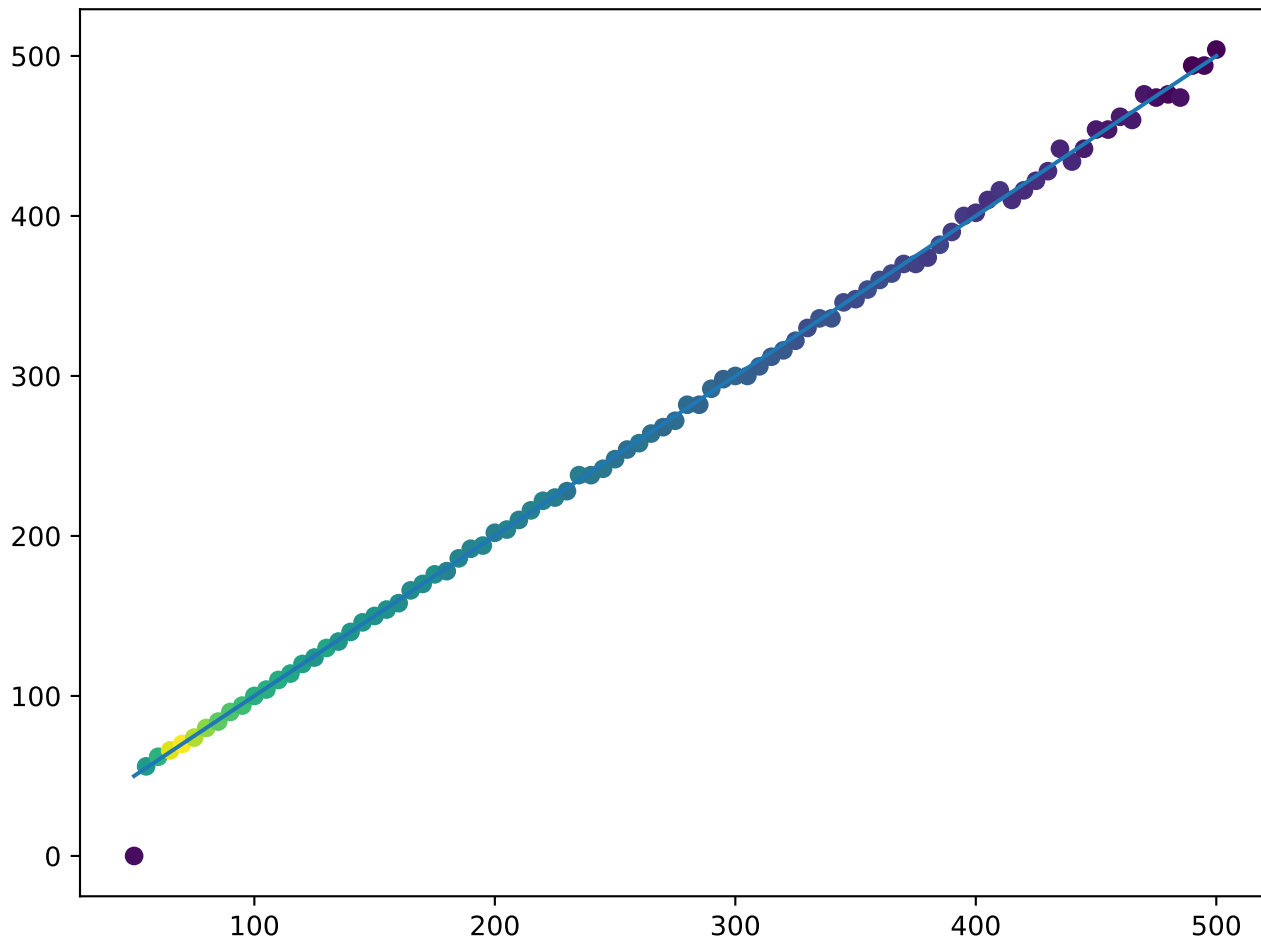
Test Data Sample Data



Frequency Map



Input-Output Map



Distortion Ratio

