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

Test time: 2021-02-10-12:13:54

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: X

  - Starting frequency : 50Hz

  - Ending frequency : 500Hz

 Test Frequencies: 55.0Hz 90.0Hz 135.0Hz

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

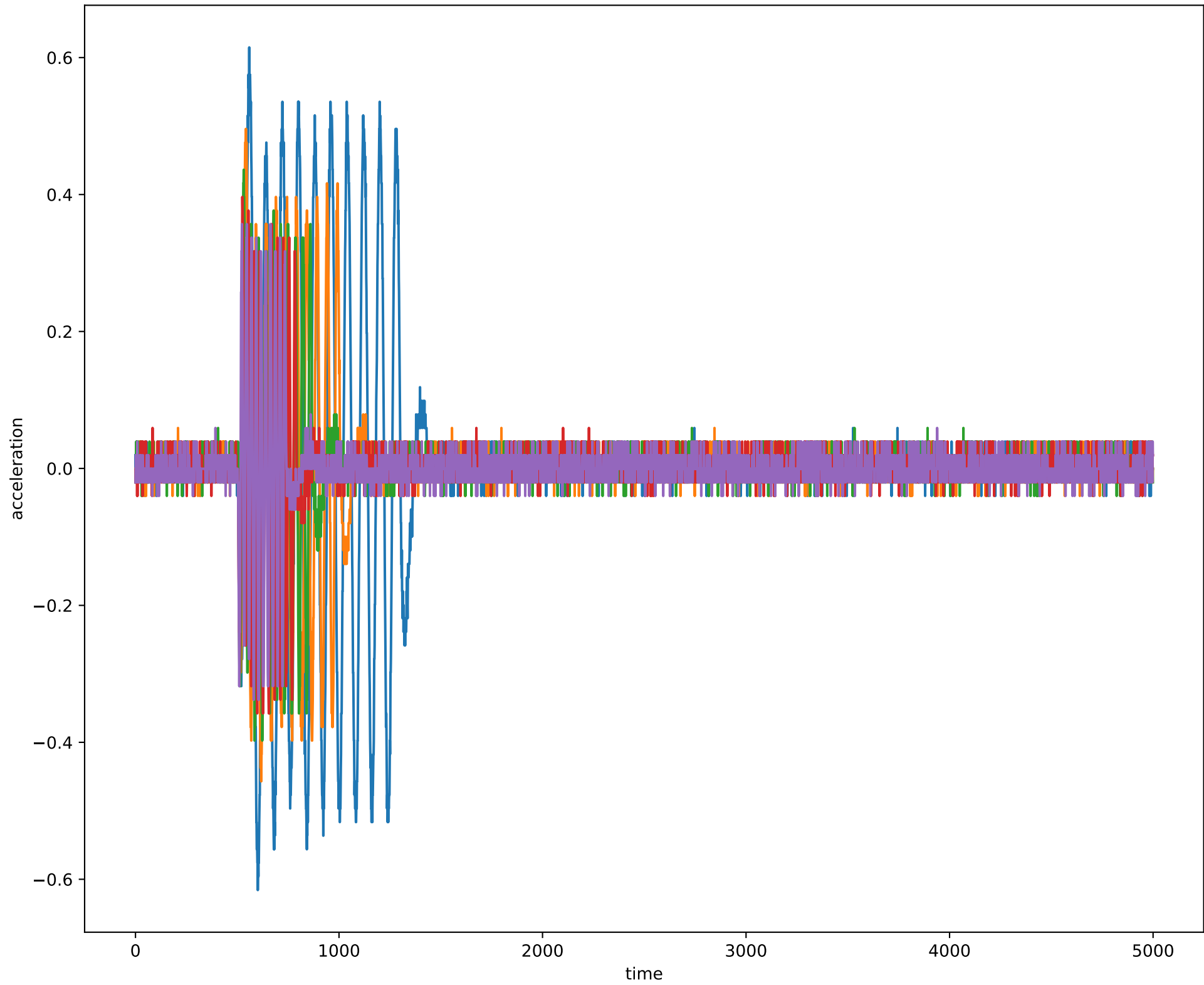Test frequencies are perceptually distinct. Proceeding with signal analysis.

Input Frequency: 55.00 (36.65,73.35) Peak Frequency: 54.00Hz Acceleration Peak: 0.97G Distortion: 41.95%

Input Frequency: 90.00 (57.90,122.10) Peak Frequency: 90.00Hz Acceleration Peak: 1.39G Distortion: 22.56%
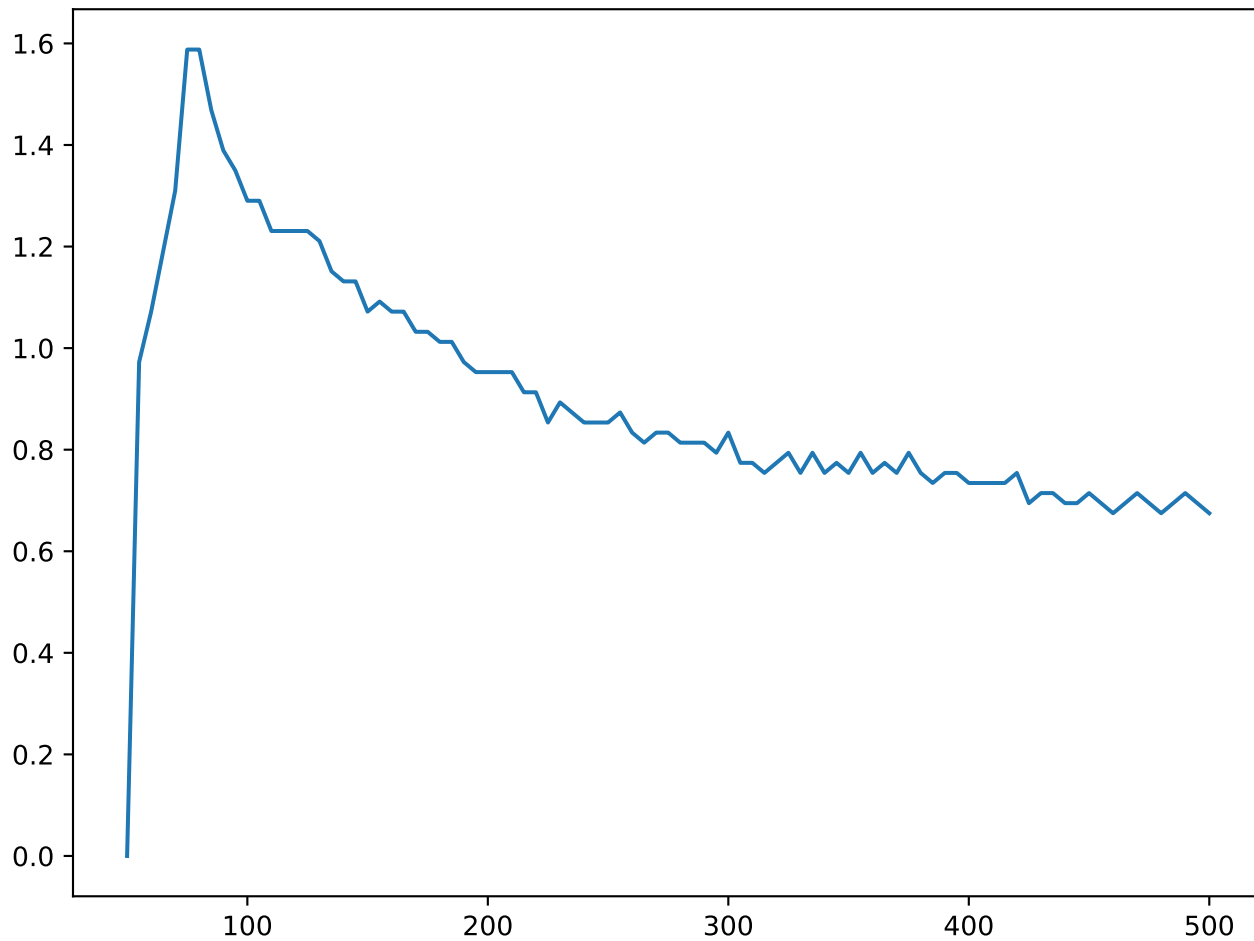
Input Frequency: 135.00 (92.55,177.45) Peak Frequency: 134.00Hz Acceleration Peak: 1.15G Distortion: 27.45%
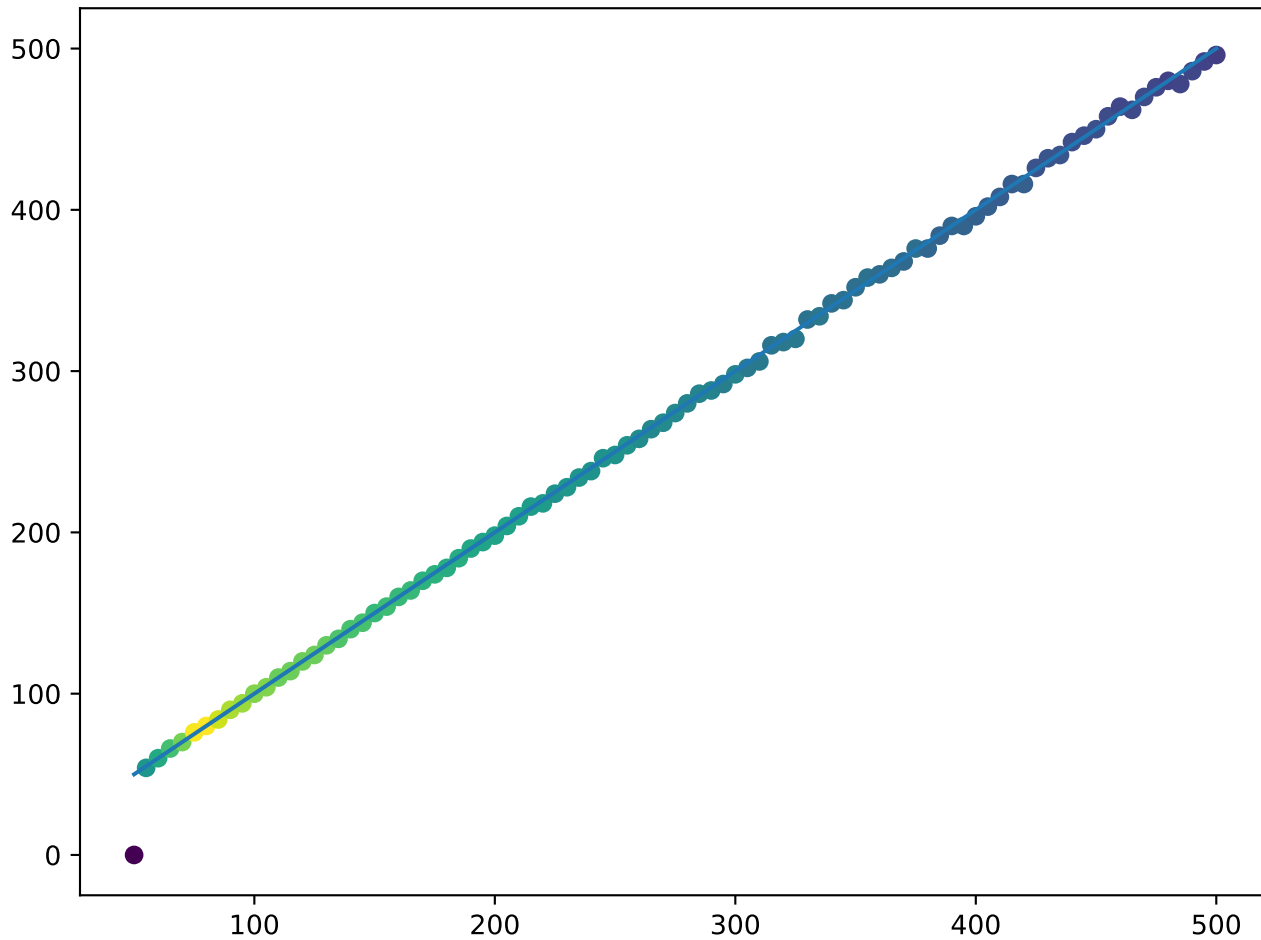
=========== Part PASSED ===========

Test Data Sample Data

Frequency Map

Input-Output Map

Distortion Ratio