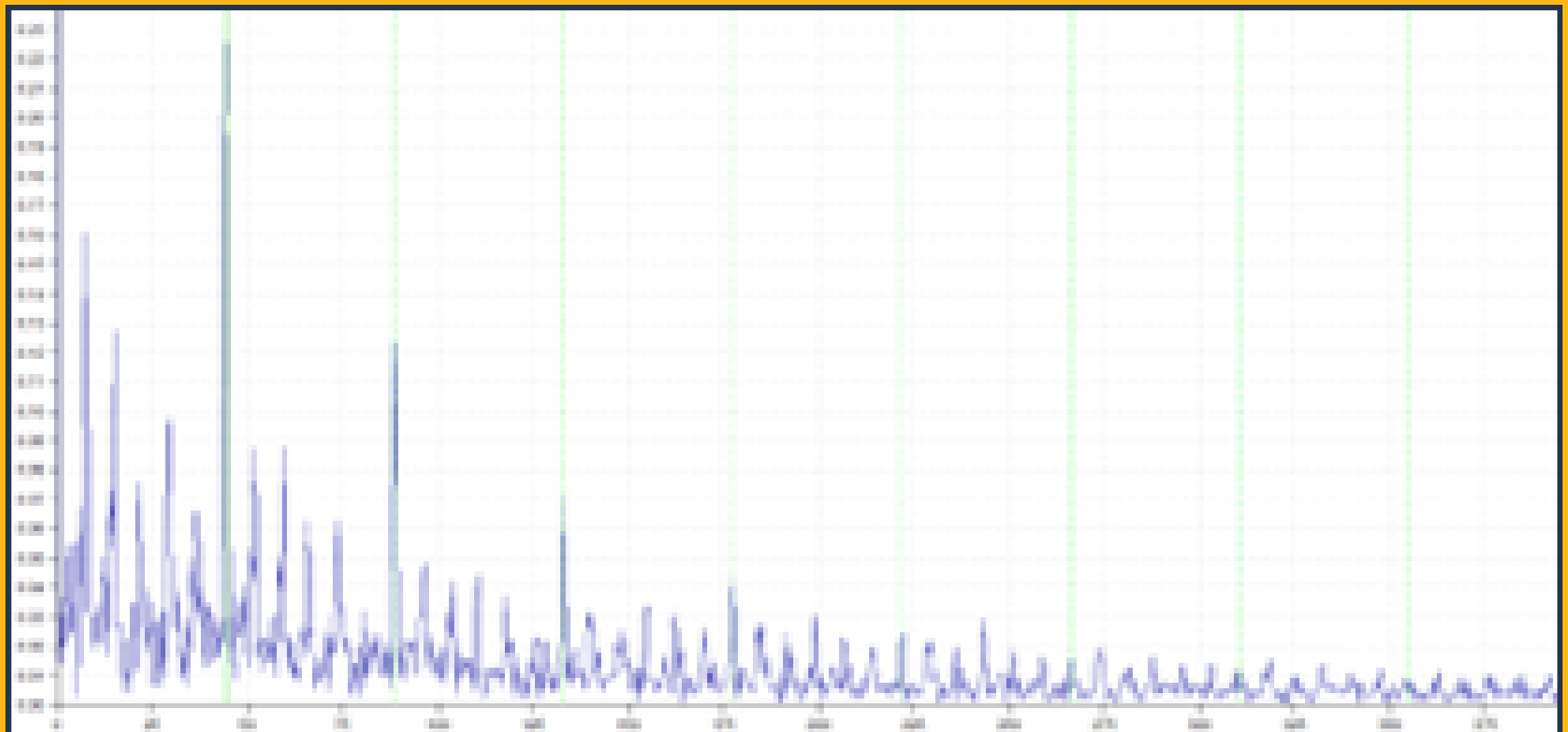
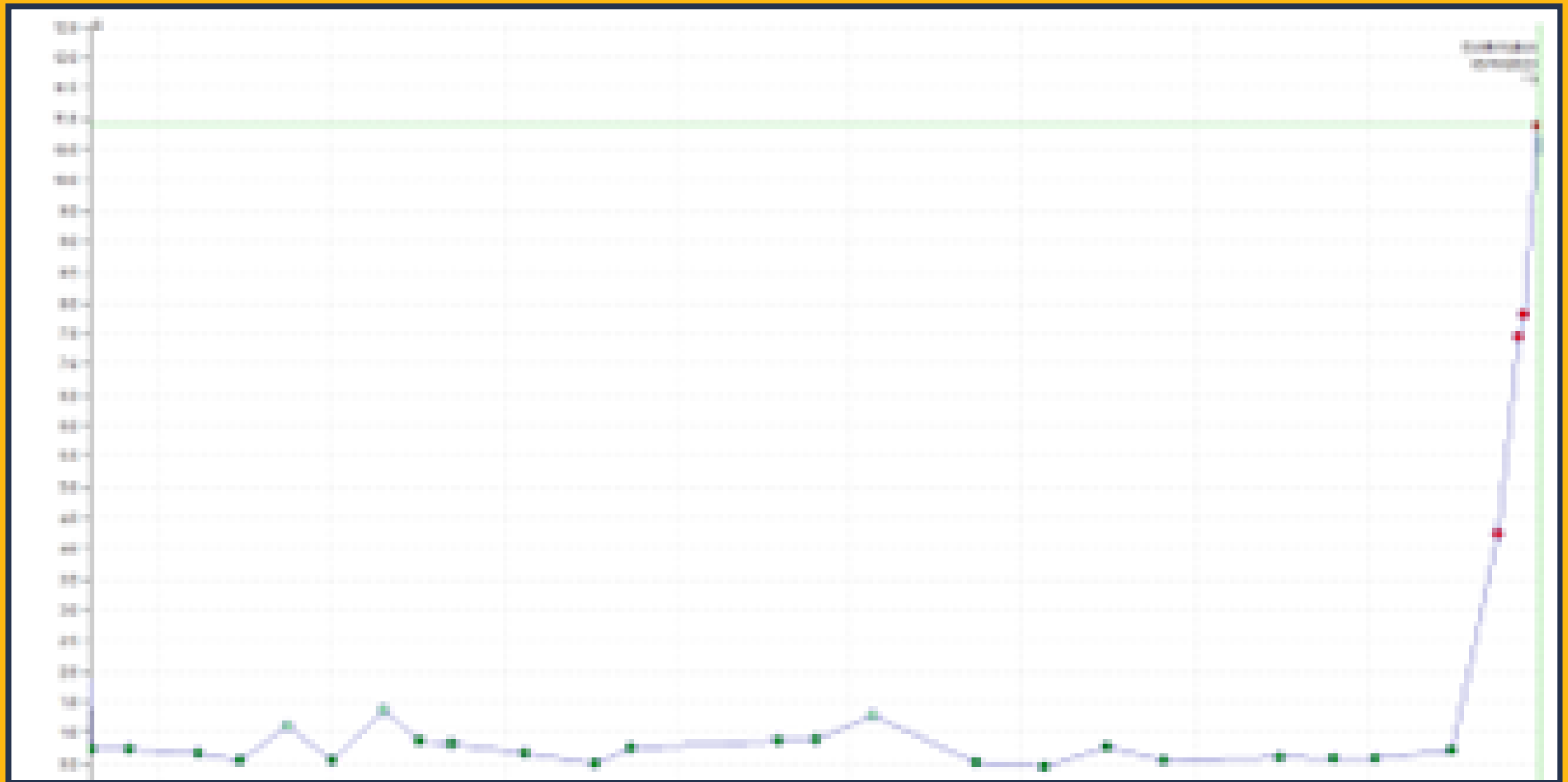




**Well this was
unusual.....**



Large mixer ball bearing defect detection





Findings, Actions and Outcome

- A step increase in peak acceleration trend detected
- The trend continued to rise
- Spectral analysis revealed ‘text book’ inner race defect signature on the demodulated acceleration spectrum
- Urgent action note raised with our client
- Bearing change implemented during a scheduled maintenance outage day

Costly secondary asset damage and downtime avoided



Over to you!

- Have you ever seen this elsewhere?
- What caused this failure mode?
- What came first - the fatigue pit, chips or the crack?

Comment below with your answers.

