

201 Varick Street

Federal Building | 2013

**CLIENT**

Weidlinger Associates, Inc.

LOCATION

201 Varick Street, New
York, NY 10014, United
States

INDUSTRY

Historical and
Environmental
Preservation / Real Estate
and Insurance

SERVICE

Structural Dynamic
Analysis

IMPACT

Clarified that equipment suitability depended on which vibration standard applied, giving the owner a specific issue to resolve before making a decision.

CHALLENGE

The 12th-floor vibration environment needed evaluation for sensitive scientific equipment against applicable velocity and acceleration criteria.

STRAAM APPROACH

On Feb 20, 2013, STRAAM measured five accelerometer configurations at 50 positions from 7 a.m. to 5 p.m. and compared results with both criteria.

RESULT

The evaluation reached different conclusions under the two criteria considered. STRAAM asked the owner to confirm which standard governed; the findings do not support a blanket suitability claim.