

SEESL

***University at Buffalo's Structural Engineering and
Earthquake Simulation Laboratory***

Vulnerability of Suspended Ceilings

**Department of Civil, Structural and Environmental Engineering
University at Buffalo (SUNY)**



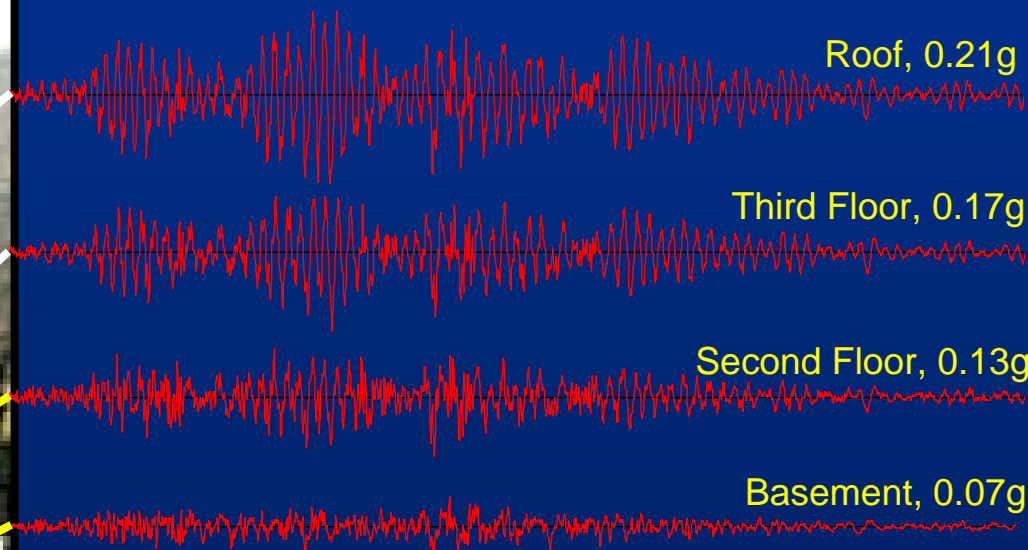
Testing frame on 6D shake table



Estimating input motions for nonstructural building components

- ***This is not straight forward***

4-story hospital in Palm Springs, CA

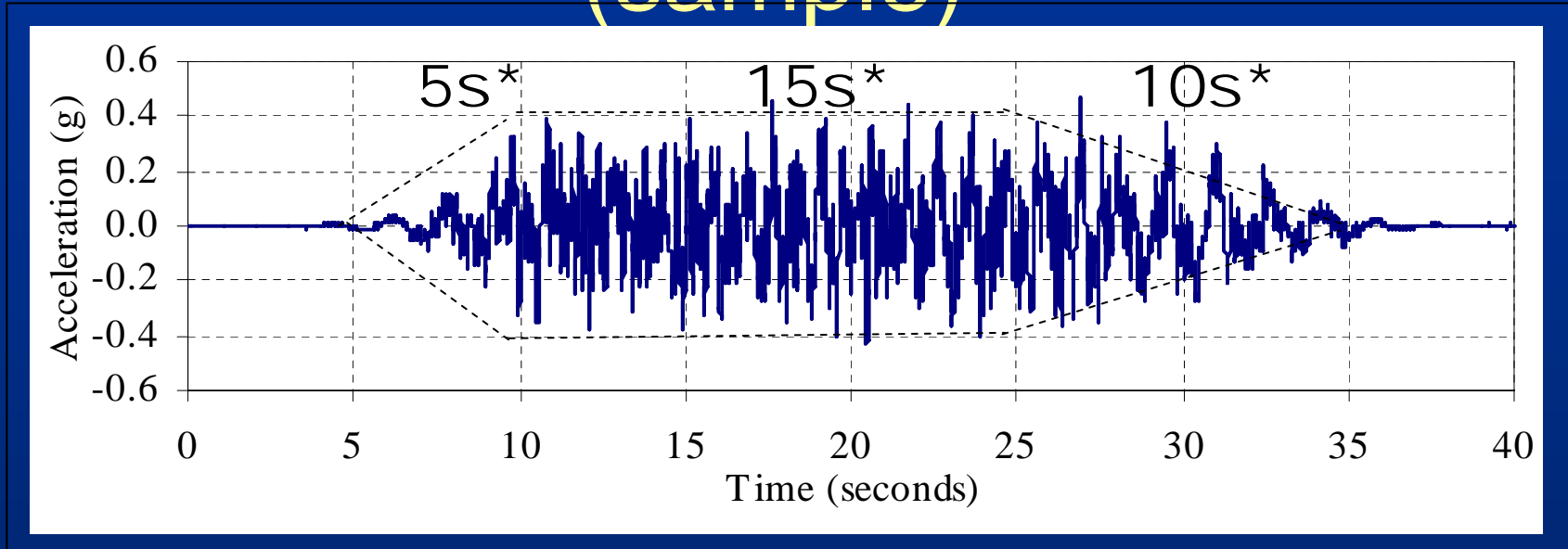


Instrumentation and records by CSMIP-CGS

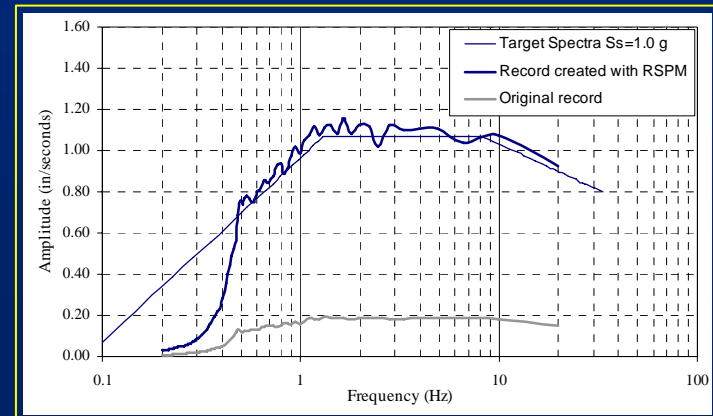
Testing frame on 6D shake table



Test Protocol – Simulated Earthquake (sample)



*Build up-Hold-Decay



Ceiling systems testing



Damage to ceiling systems



Development of a National Seismic Testing Facility at UB as “NCS” Nonstructural Components Simulator

