

Figure 6: Damped vs Undamped Upper Baffle (Transverse)

**When an Upper Baffle panel is damped, resonances present in the undamped mounting are suppressed. Damping is effective.**

Both traces include a mounted Upper Baffle panel with D1700232 prototypes, excited at the top of the structure in the Y direction (transverse). Accel mounted to cage.

**Measurement 29** was damped with mounting bolts tightened 1/2 turn past hand tight (under 10% compression)

**Measurement 41** was undamped, with stainless steel washers used as spacers in place of viton o-rings

