NOTES:

- The Space Shuttle Atlantis docked to the PMA-2 port during the STS-112 mission at GMT 09-Oct-02, 282/15:16.

- Effects of softmate and hardmate can be seen in all three axes. However, due to their transient nature, these effects are best measured with in the vibratory regime (SAMS).

- Three large spikes in X-axis (-77.1, -75.4, and -33.5 $\mu$g) are Vernier Reaction Control System (VRCS) thruster firings of Atlantis. Similar spikes are seen in other STS docking events.

- Other, shorter duration, thruster firings have been removed by the trimmed mean filter process.
NOTES:

- Plot shows MAMS OSSRAW data correlated with Shuttle VRCS firings during docking operations.

- F5L and F5R are thrusters located in the nose of the orbiter. These provide acceleration in the orbiter +Z-axis, which corresponds to the ISS - X-axis during docked operations.

- This plot is for correlation purposes only. SAMS data is preferred for a quantitative look at the effect of thruster firings.