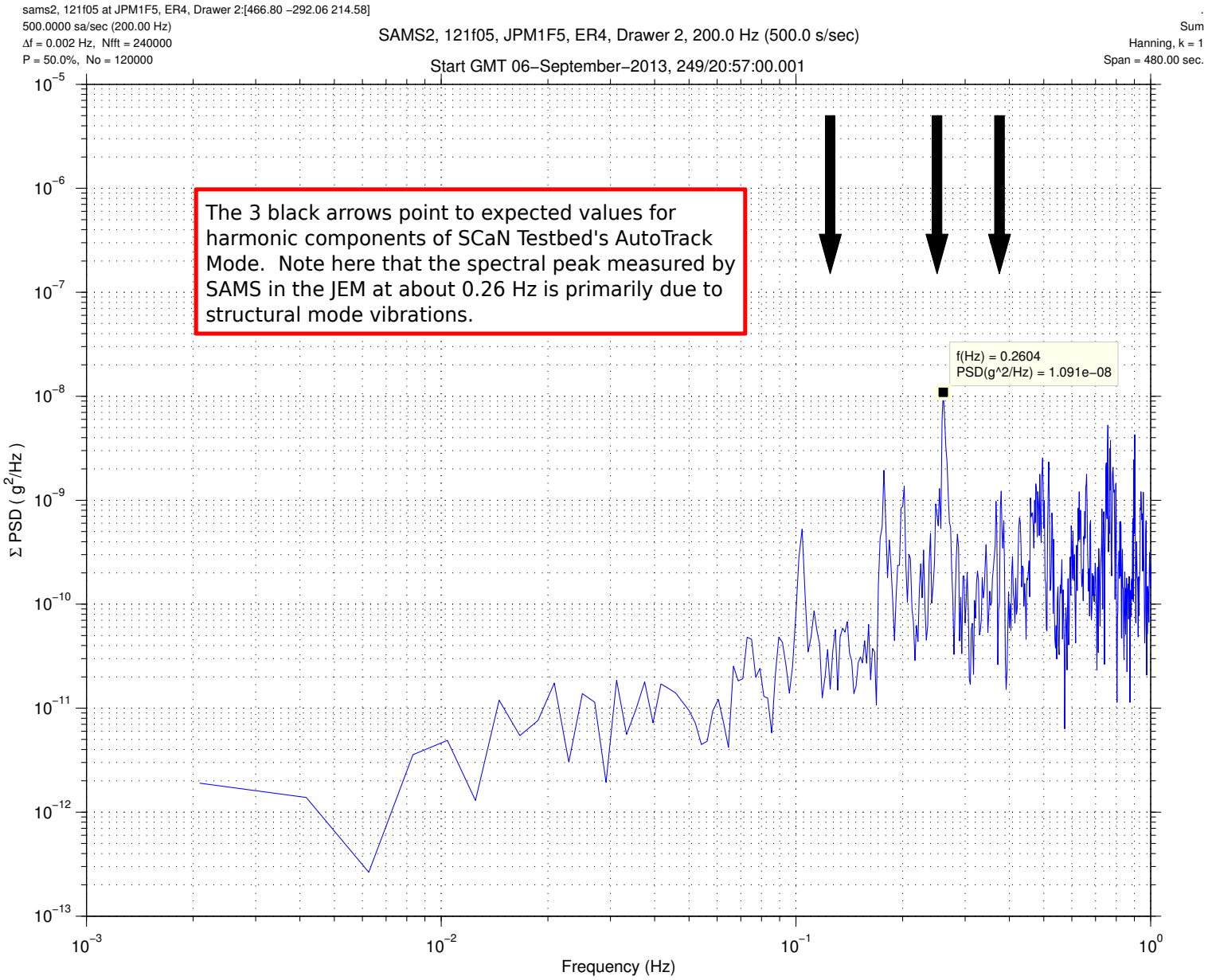
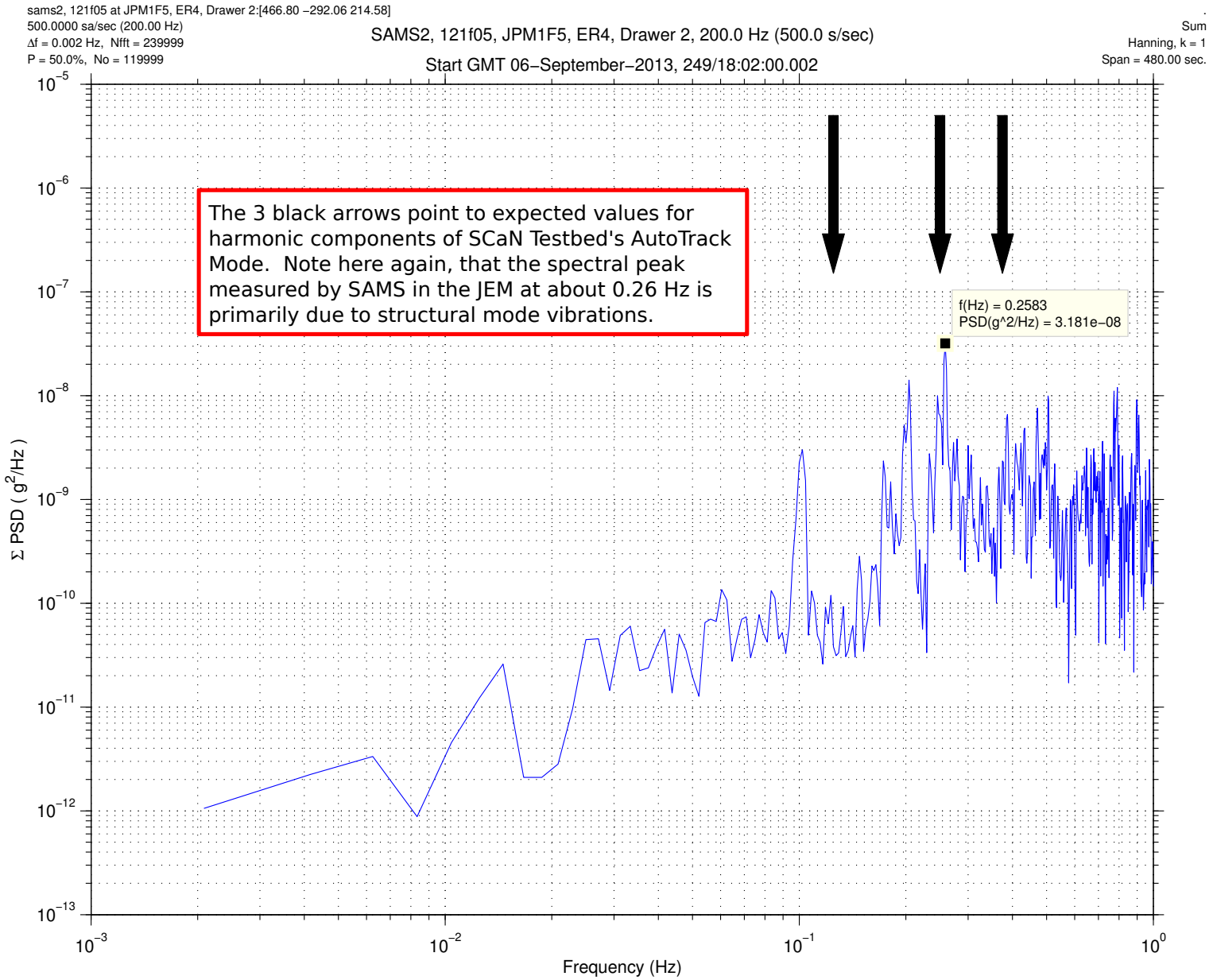
SCaN Testbed AutoTrack, State Vector Derived Information

SAMS Measurements in JEM During SCaN Testbed AutoTrack



SAMS Measurements in JEM Before SCaN Testbed AutoTrack



SAMS Measurements in JEM Do Not Readily Show SCaN Testbed AutoTrack Activity

Page 1 - Calls out the harmonic components from SCaN Testbed's AutoTrack, notably spectral peaks at 0.125 Hz, 0.25 Hz, and 0.375 Hz.

Page 2 - Shows acceleration spectrum calculated from 8 minutes of SAMS measurements DURING SCaN Testbed's AutoTrack. While there is a spectral peak at 0.26 Hz (near the 0.25 Hz signature peak), the other 2 components are more-or-less indiscernible. This suggests that these vibrations do not transmit well to the SAMS sensor location.

Page 3 - Shows acceleration spectrum calculated from 8 minutes of SAMS measurements BEFORE SCaN Testbed's AutoTrack. This page reinforces the assertions above. The SAMS sensor does not readily detect this type of SCaN Testbed AutoTrack activity.