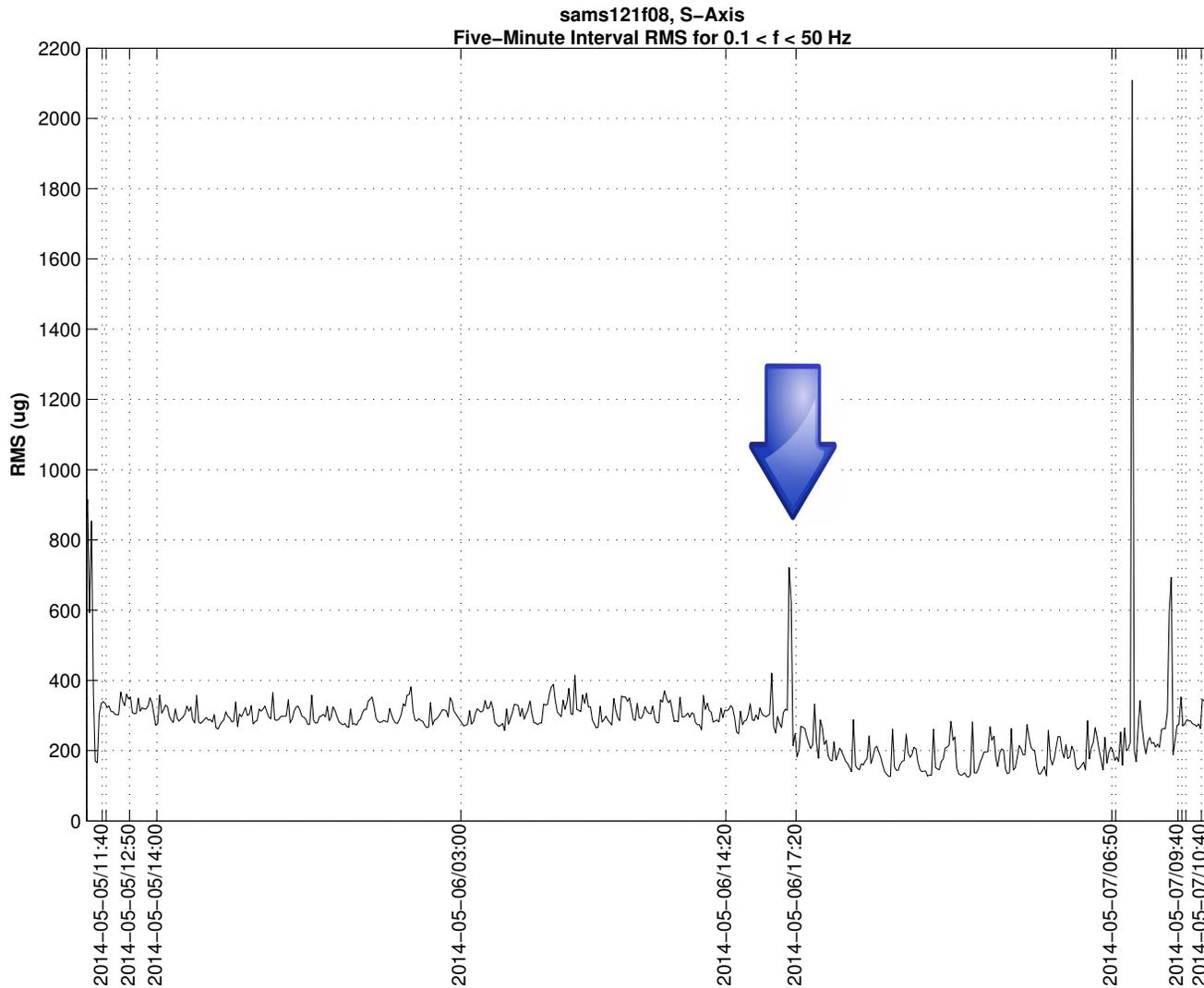


## EMCS Ops Quantify



### Description

Sensor	SAMS 121f08 1000.0 sa/sec, 400.0 Hz
Location	COL1A1, ER3, Seat Track near D1
Plot Type	RMS vs. Time

### Notes:

- This 5-minute interval RMS plot shows an interesting transition at about GMT 06-May-2014, 17:20 as marked by the blue arrow.
- Notice how the RMS value transitions from a steady-state value to a slow, downward evolution after the 17:20 transition time.
- This does give some nebulous correlation between a transition in the microgravity vibratory environment between 0.1 and 50 Hz with a transition time observed from ancillary telemetry data. Very many telemetry items for both EXPRESS Rack 3 and EMCS ops turned off all together at this time, so nothing specific could be identified.

Regime:	Vibratory
Category:	Columbus
Source:	EMCS Ops

