Description

Sensor: SAMS es05
500 sa/sec, 204.2 Hz

Location: LAB1S3, CIR, Front Panel

Plot Type: Spectrogram

Notes:
- A color spectrogram showing some context up to just over 200 Hz with a span around the Progress reboost from 12:25 to 12:27.
- Note the red punctuation signatures between about 11:00 and 12:30 are assumed to be that of CIR routine for the combustion chamber leading up to FOMA ops.
Quantify

<table>
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<td>X-Axis Accel. vs. Time</td>
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Notes:
- Inverted X-axis data for the same period as the spectrogram on the previous page.
- Notice the large spikes starting at about 11:30 come with handover of station attitude control from US to RS.
- It is hard to clearly see the reboost on this plot, so take a look at the next page for more clarity.
CIR Alignment Guides Installed During Progress 67P Reboost

Start GMT 09-Aug-2017, 221/12:00:00

g vs. time
32-sec. int. avg.

Notes:
• The black trace on this page is identical to that on the previous slide.
• The red overlay trace is a 32-second interval average of these data (with a 16-second overlap).
• The red trace brings more clarity as we see the reboost "step" on the X-axis starting at about 12:25 with a duration of just over 2 minutes.

Sensor: SAMS es05
500 sa/sec, 204.2 Hz

Location: LAB1S3, CIR, Front Panel

Plot Type: 32-Second Int. Average