

STEREO MOC Status Report
Time Period: 2020:209 - 2020:215

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 210, during the DSS-14 support, turbo decoder lock was lost briefly at 2221z. This anomaly resulted in the loss of one frame of SSR data.
- On day 213, during the DSS-14 support, the transmitter was unable to support uplink activities due to an issue with the Microwave Control Assembly. This anomaly resulted in the loss of 3.2 hours of real-time commanding and 2-way tracking data. See DR #G121256 for more information.

2. The following spacecraft/instrument events occurred during this week. The Ahead observatory operated nominally during this week.

- On day 209, the SECCHI 180 degree roll was executed successfully at 0800z for the Fourth Betelgeuse star observation.
- As of day 215, all PLASTIC systems are behaving well, except there is a high background count rate, which the team is continuing to monitor.
- The average daily science data return for Ahead was 6.6 Gbits during this week.