

2015 Cycle 3-M upGREAT commissioning flight (December 09):

Science: GREAT configuration LFA-H+V/L1

Leg 06 3C131 L1: NII USB LFA: CII LSB

06:12 load 12483 singlepoint_TP_3C131_OFF1 12484-86 41 kft 17.0C

06:35 load 12487 singlepoint_TP_3C131_OFF2 12488-90

06:50 load 12491 singlepoint_TP_3C131_OFF1 12492-94

Climbing: 06:59 – 07:03 42 kft 17.3C

07:07 load 12495 singlepoint_TP_3C131_OFF1 12496

2015 Cycle 3-M upGREAT commissioning flight (December10):

Leg 05 3C410 L1: NII USB LFA: CII LSB

02:59 load 12559 singlepoint_TP_REF1 12560-62 39 kft 19.3C

Note: baselines in V today less stable, but V-IF exposed to ΔT_{amb}

03:15 load 12563 singlepoint_TP_REF2 12564-66 19.0C

03:31 load 12567 REF2 12568-70

03:44 turbulence, tel. dropped to local, scan 12568 high pointing errors

03:48 load 12571 REF1 12572- 19.1C

Leg 06 3C109 L1: NII USB LFA: CII LSB

04:02 load 12574 singlepoint_TP_REF1 12575-77 39 kft 19.0C

04:19 turbulence during scan 77, higher pointing errors

04:20 load 12578 singlepoint_TP_REF2 12579-81 39 kft

04:32 starting climb to 40kft, scan 12581:10

04:34 reached 40 kft, scan 12581:17 at new alt.

04:36 load 12582 singlepoint_TP_REF2 12583-85 40 kft 19.3C

04:54 load 12586 singlepoint_TP_REF2 12587-

04:55 started climb to 41 kft, scan 12587:6

04:58 reached 41 kft, scan 12587:14 at new alt.