

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 258 - L2 Version 6
Chandra X-Ray Center

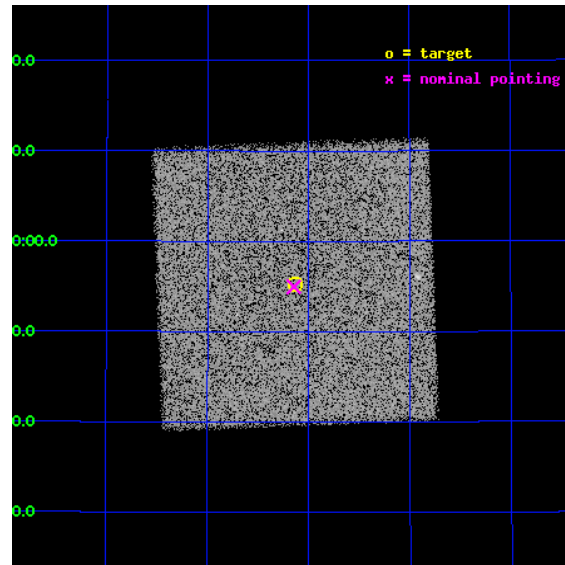
L2 Processing Date : Aug 22 2012

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1 Front

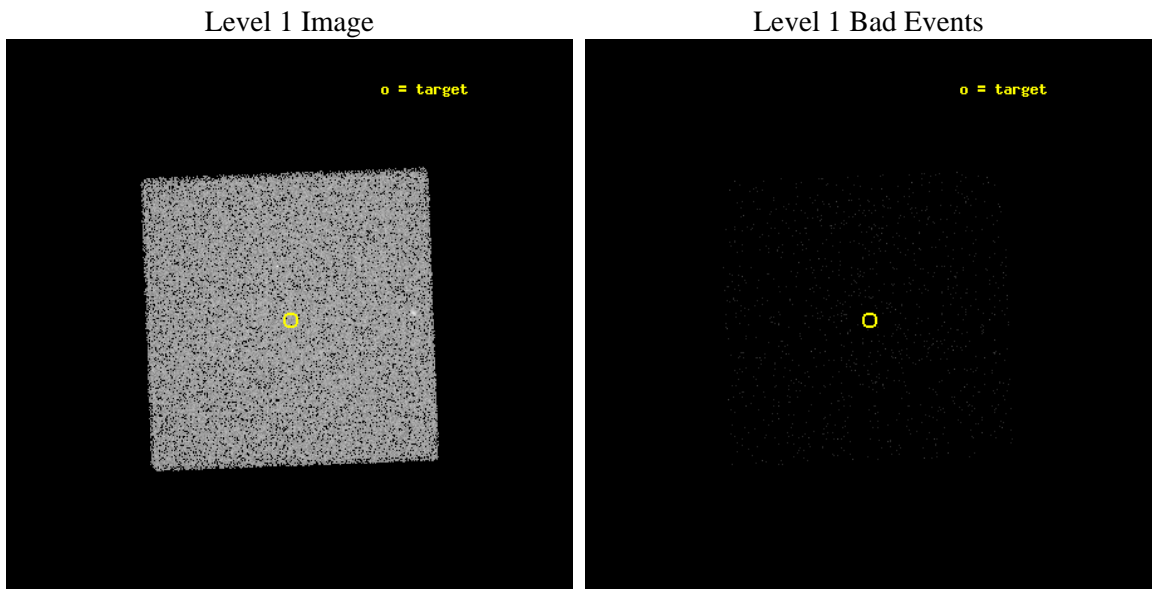
seq_num	600018	Sequence number
obs_id	258	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - South 1	Source name
ra_targ	10.533333	Observer's specified target RA [deg]
dec_targ	40.921389	Observer's specified target Dec [deg]
ra_nom	10.536348621665	Nominal RA [deg]
dec_nom	40.916068858559	Nominal Dec [deg]
roll_nom	312.86108456593	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1485.4813041613	[s]
livetime	1474.3427896214	Ontime multiplied by DTCOR
l2events	73408	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1485.4813041613	[s]
caldsver	4.5.1.1	 	l1events	130182	Number of level 1 events
date	2012-08-22T13:09:22	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

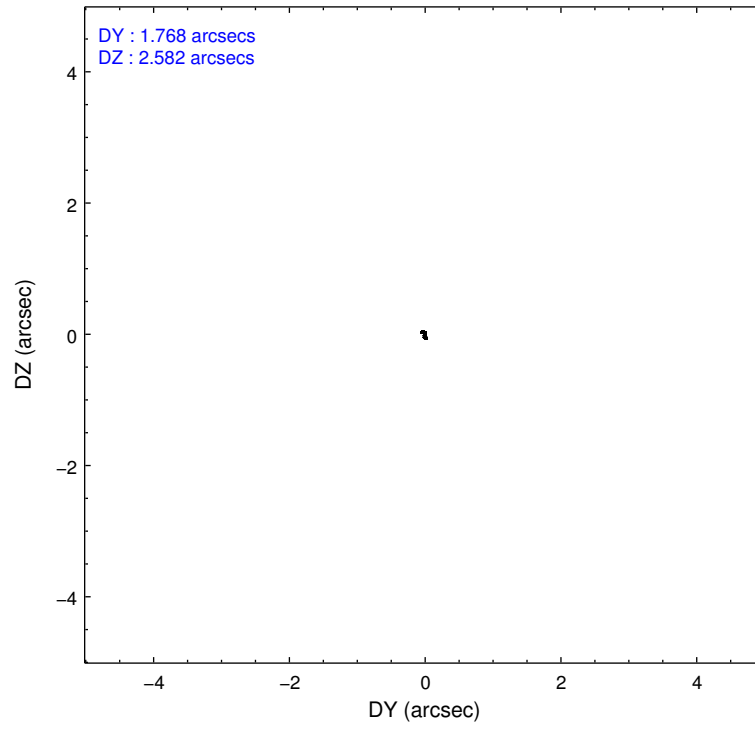
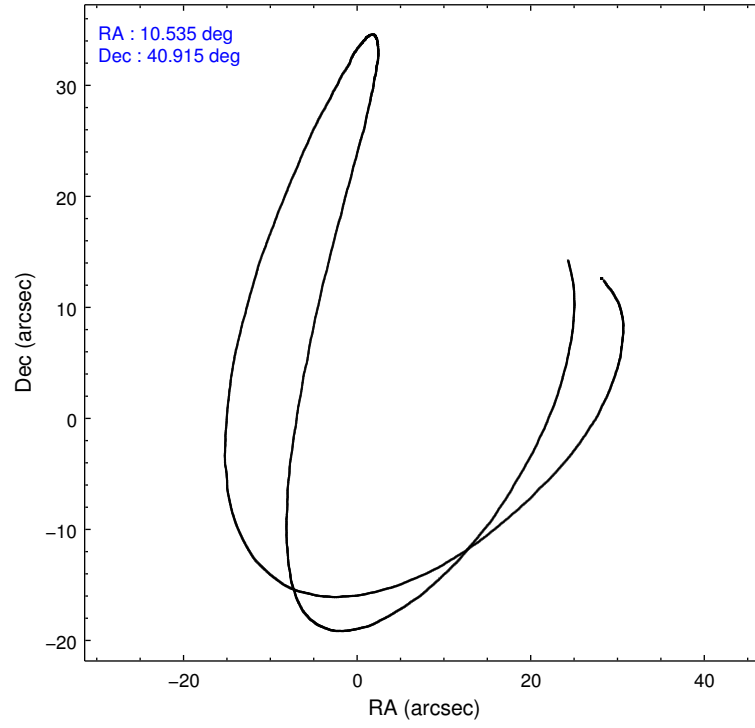
	segment 0
level 1 events	130182
rejected events	23719
rejected %	18%

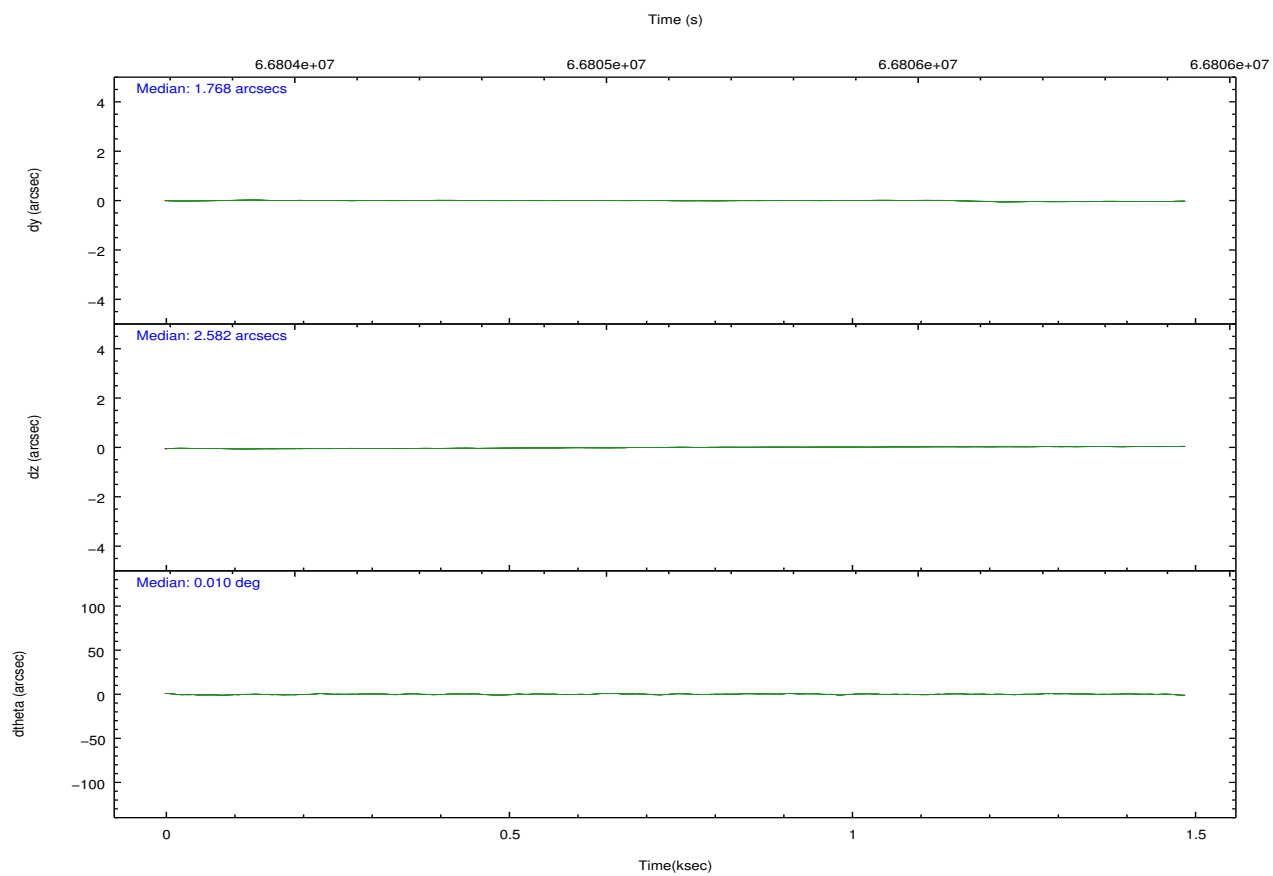
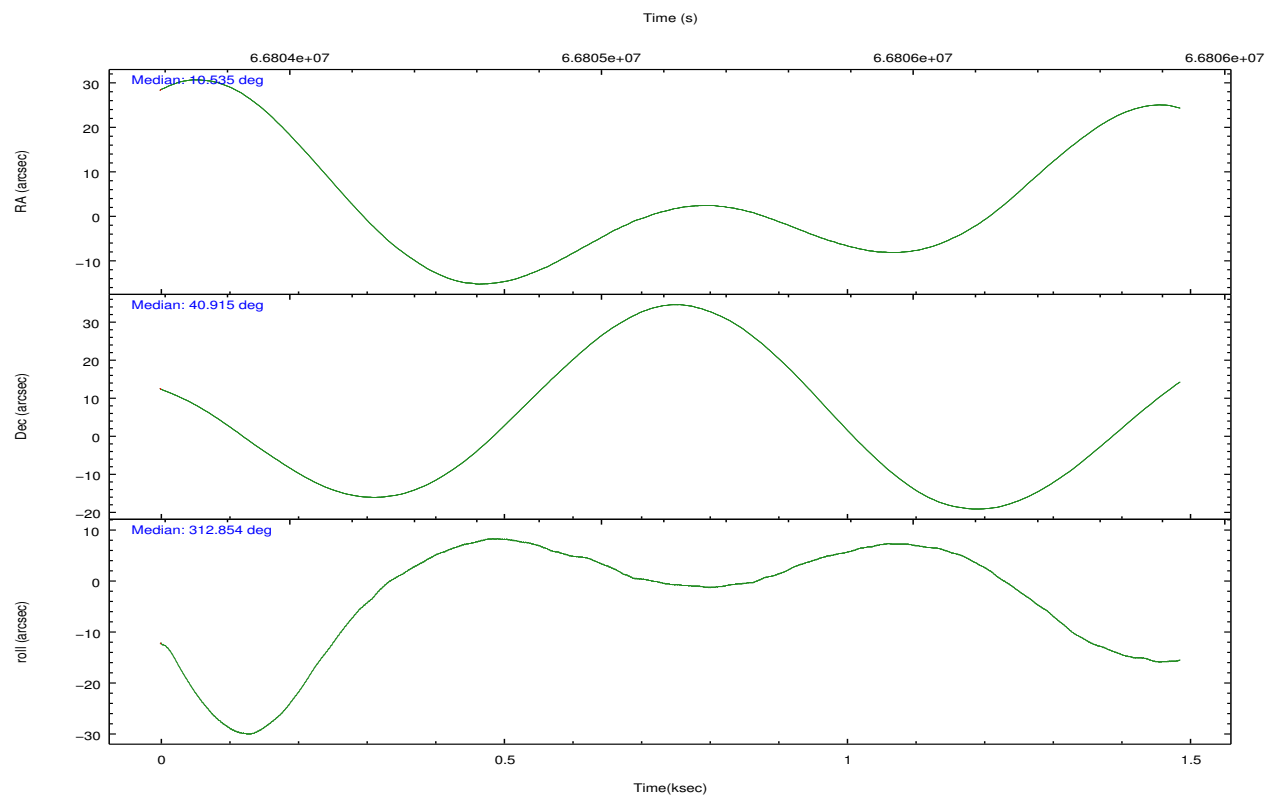
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	10.500722	10.53634862166513
[deg] Pointing Dec	40.924862	40.91606885855859
[deg] Pointing Roll	312.979844	312.8610845659345
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	66804852.184000	66804186.533562
Observation start date	2000-02-13T04:53:08	2000-02-13T04:43:06
[s] Observation end time (MET)	66805852.184000	66805986.433628
Observation end date	2000-02-13T05:09:48	2000-02-13T05:13:06

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



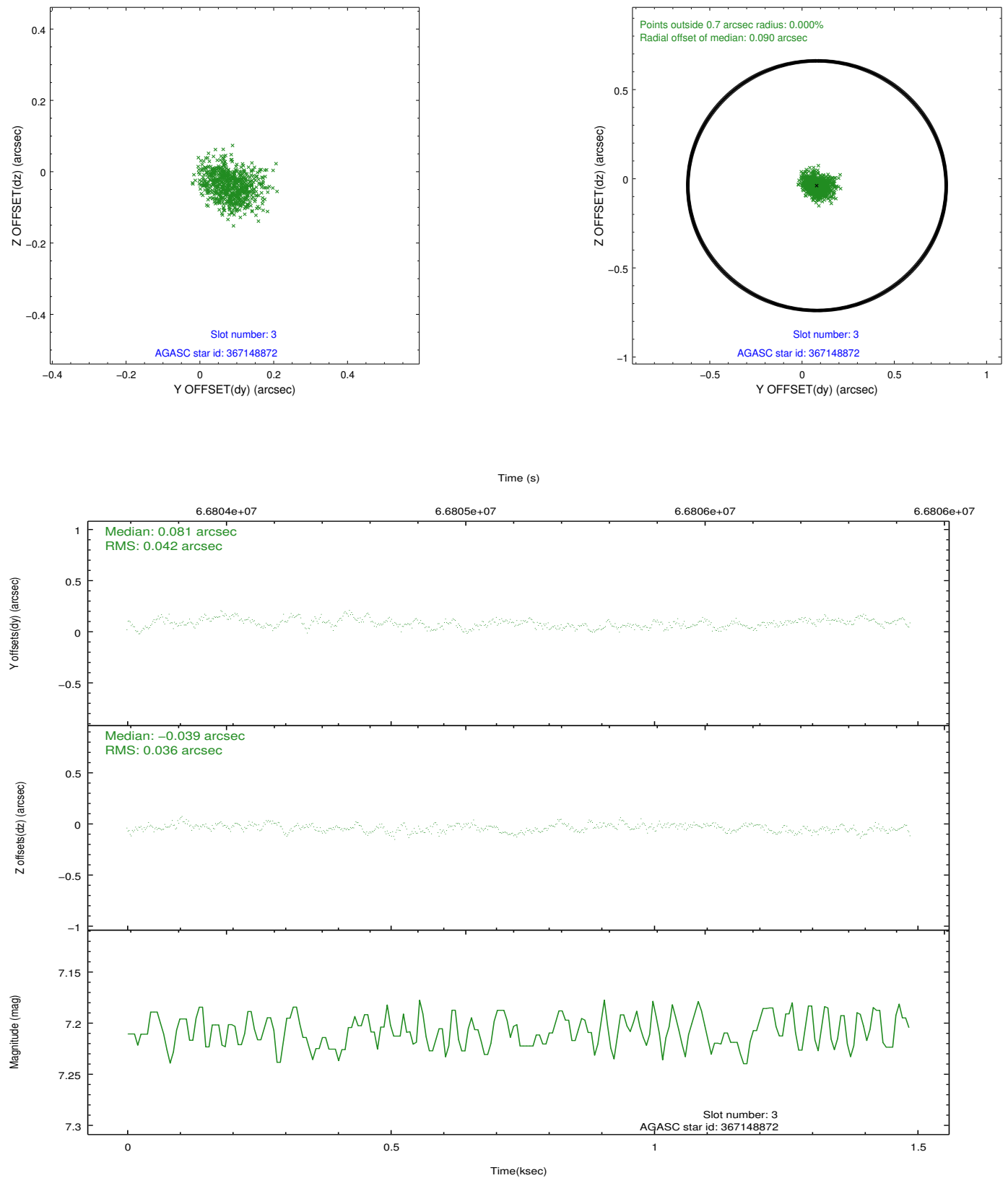


Slot Statistics

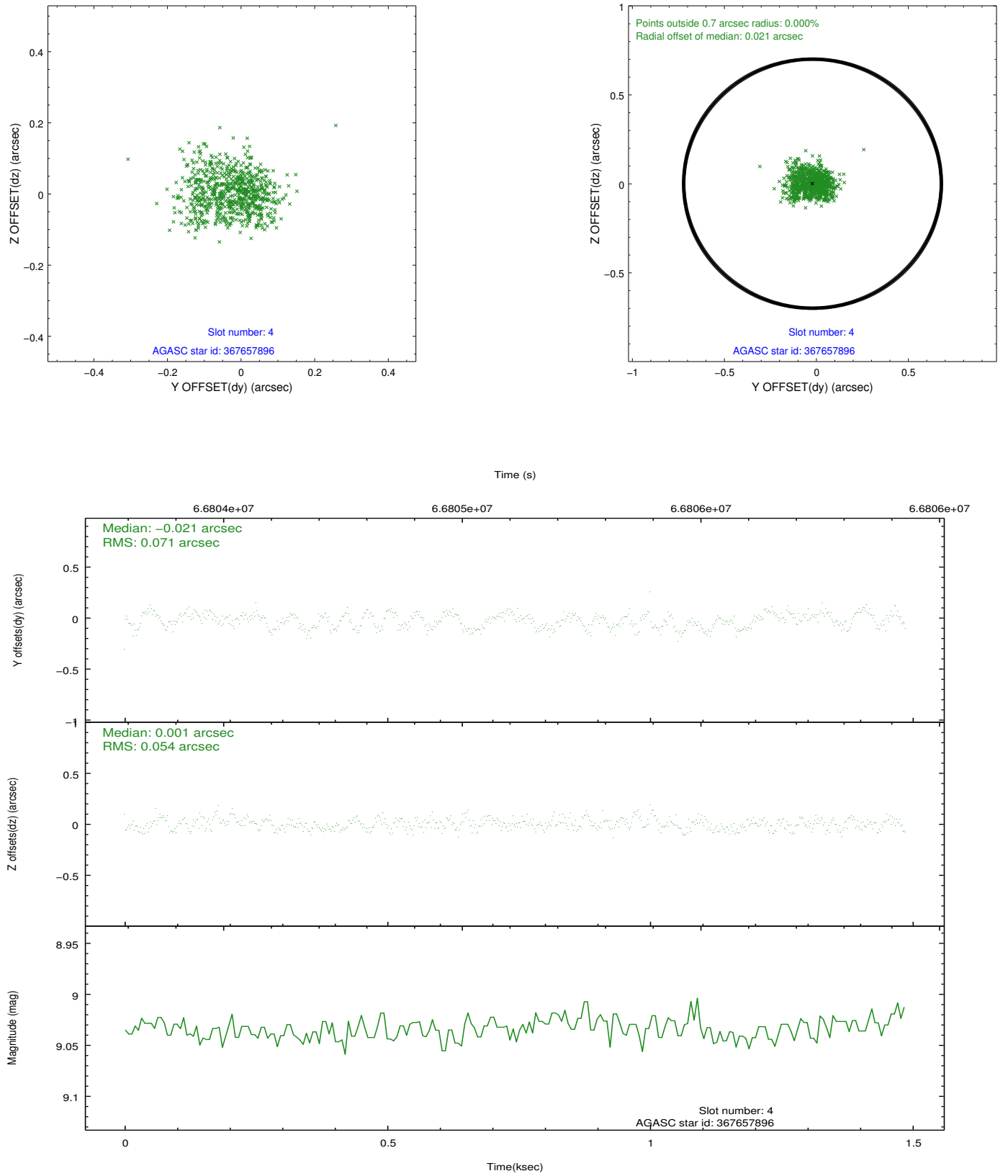
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	363	0.057	-0.006	0.006	0.009	0.000000	0.000000	-757.18	-1290.33
1	FID	HRC-I-3	7.04	363	0.031	-0.030	0.007	0.012	0.000000	0.000000	-1187.72	1010.66
2	FID	HRC-I-4	6.98	363	0.026	-0.053	0.006	0.009	0.000000	0.000000	1282.36	1014.53
3	GUIDE	367148872	7.21	726	0.081	-0.039	0.059	0.095	10.505940	40.688258	628.84	-570.14
4	GUIDE	367657896	9.03	726	-0.021	0.001	0.095	0.150	11.197765	41.313576	251.98	2337.38
5	GUIDE	367658664	9.60	723	-0.121	0.130	0.094	0.155	10.374070	41.369746	-1409.35	845.01
6	GUIDE	367145856	9.30	726	0.138	-0.008	0.088	0.141	10.744946	40.402085	1826.75	-791.09
7	GUIDE	365441752	9.92	702	-0.079	-0.090	0.131	0.208	9.751317	40.671127	-734.25	-2114.33

2.4 Star Slots

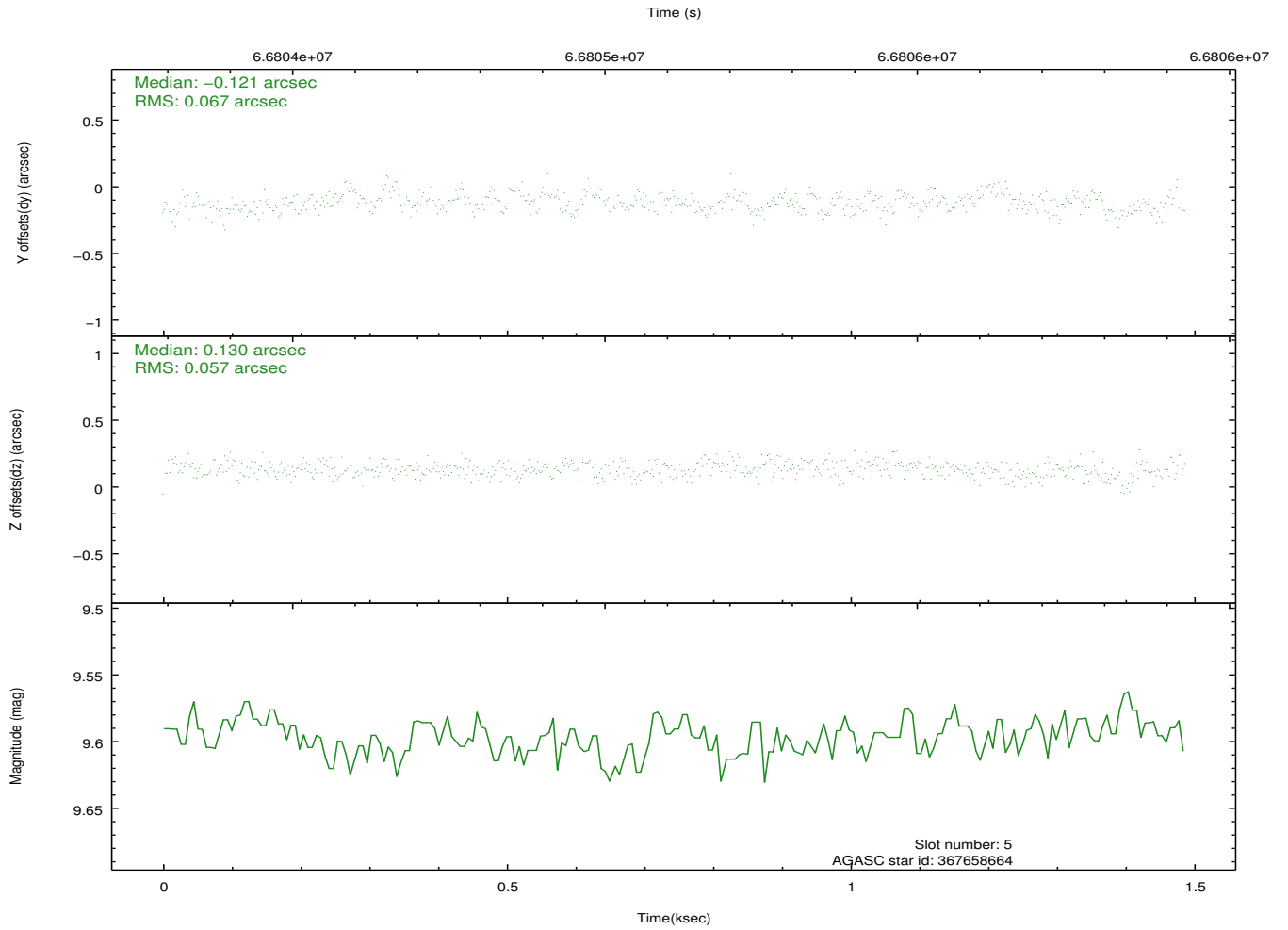
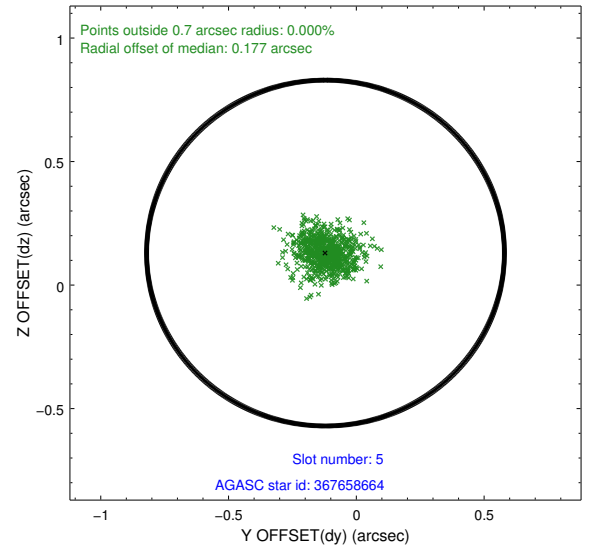
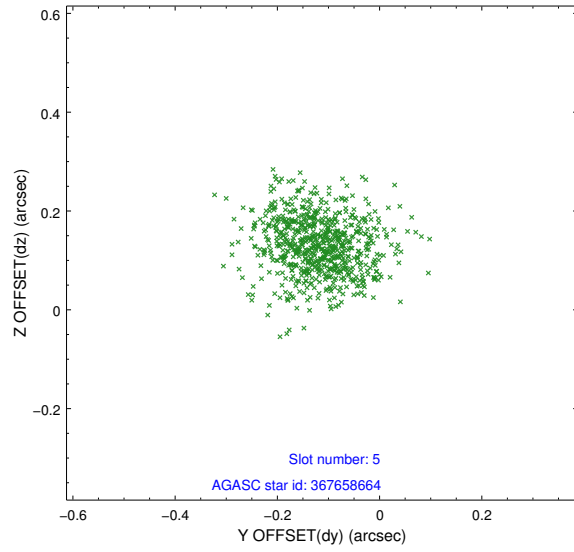
2.4.1 Slot 3



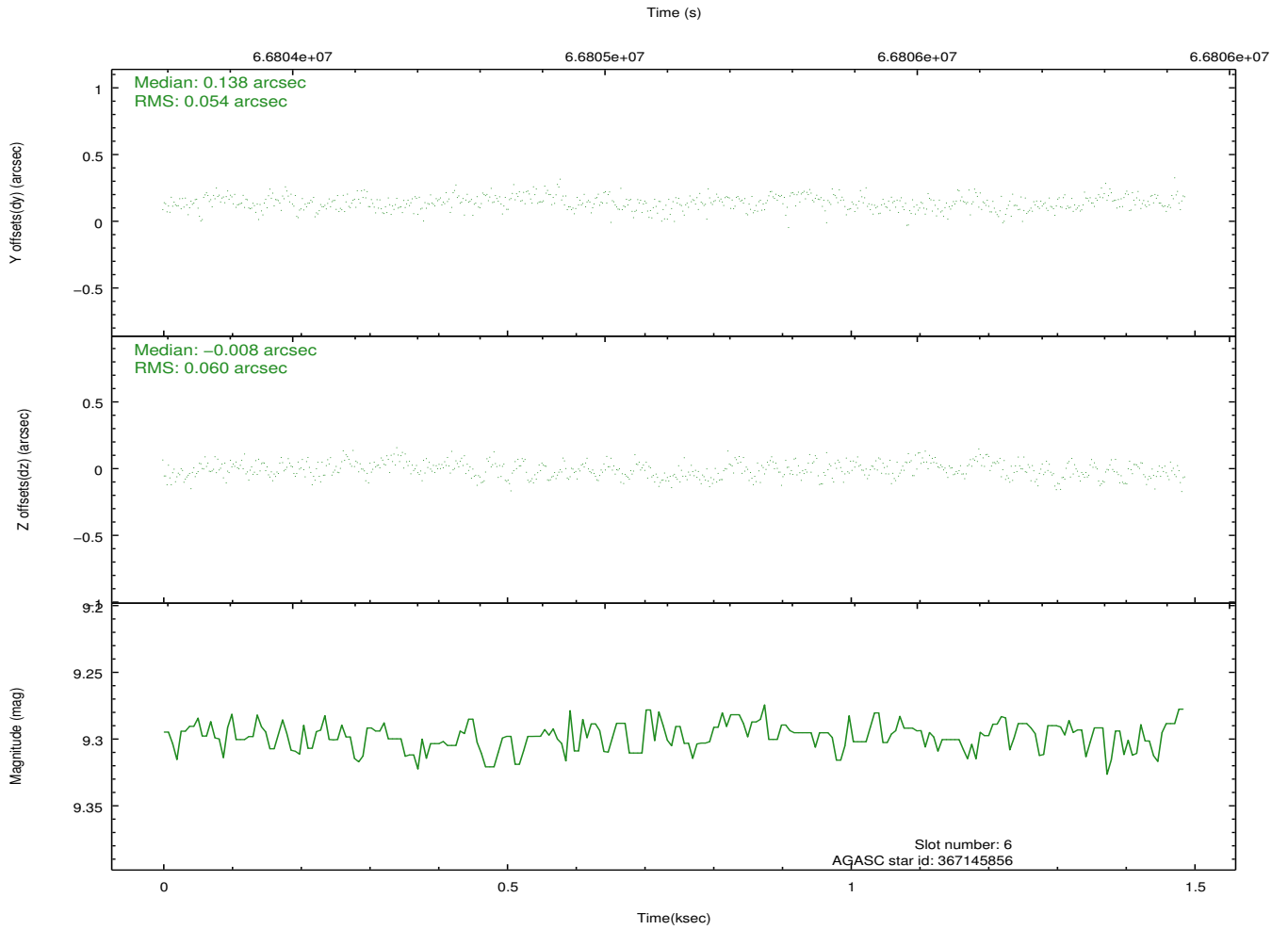
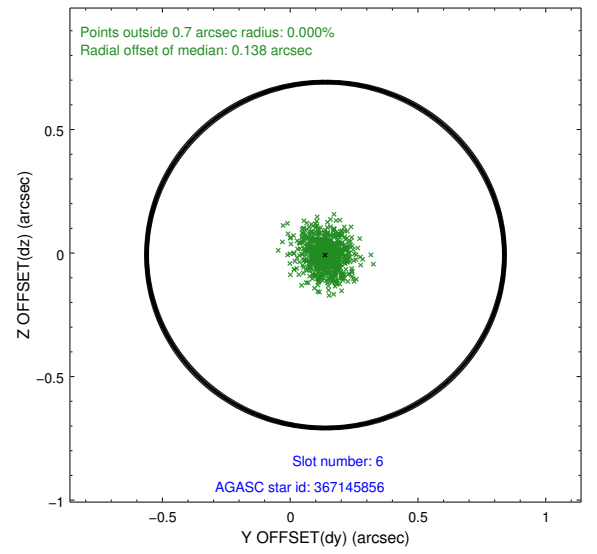
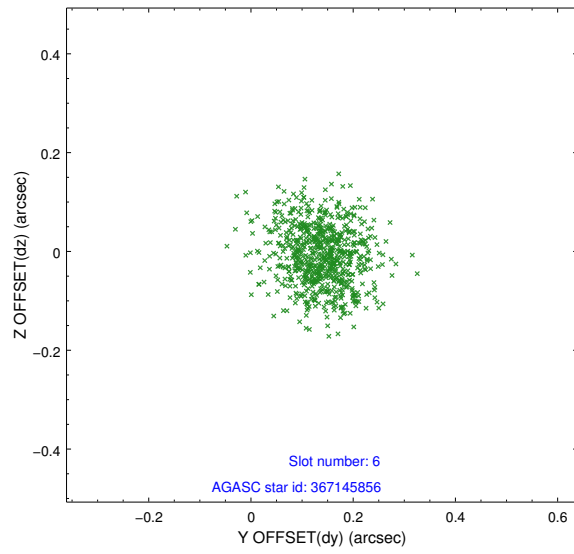
2.4.2 Slot 4



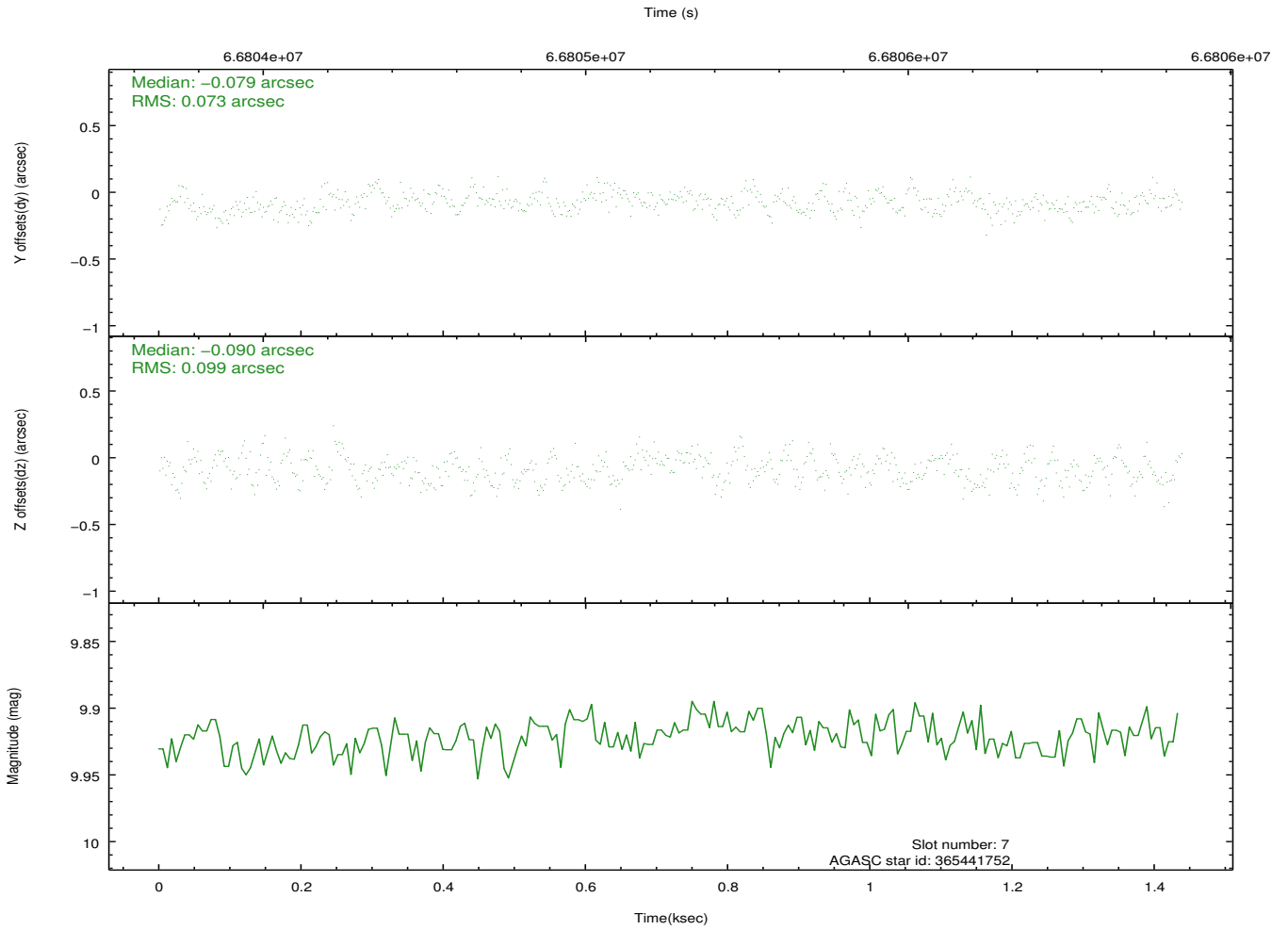
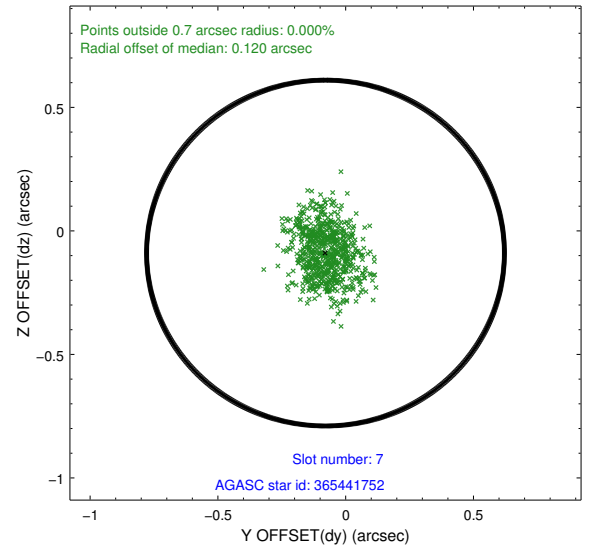
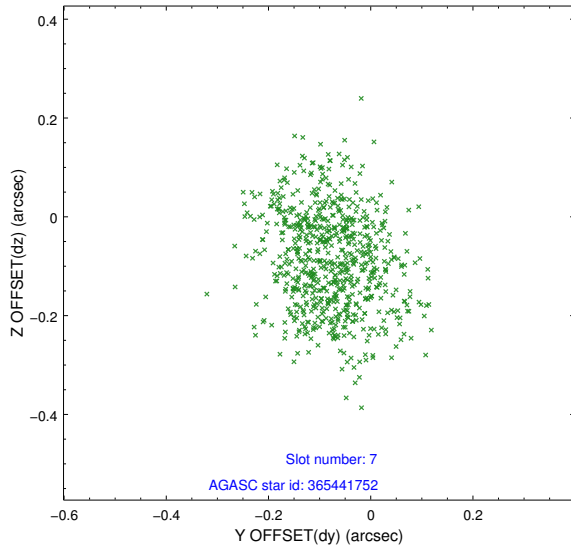
2.4.3 Slot 5



2.4.4 Slot 6

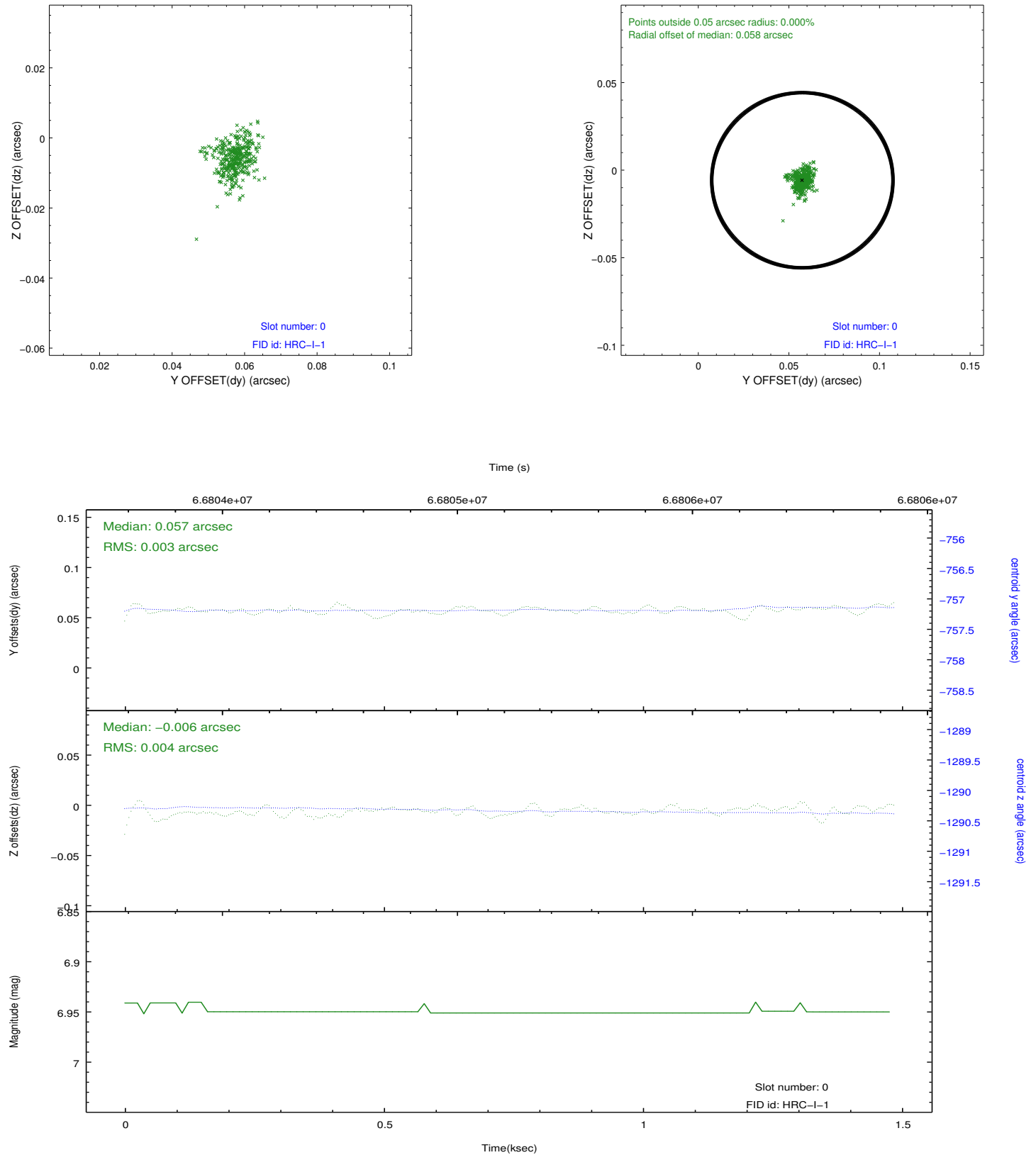


2.4.5 Slot 7

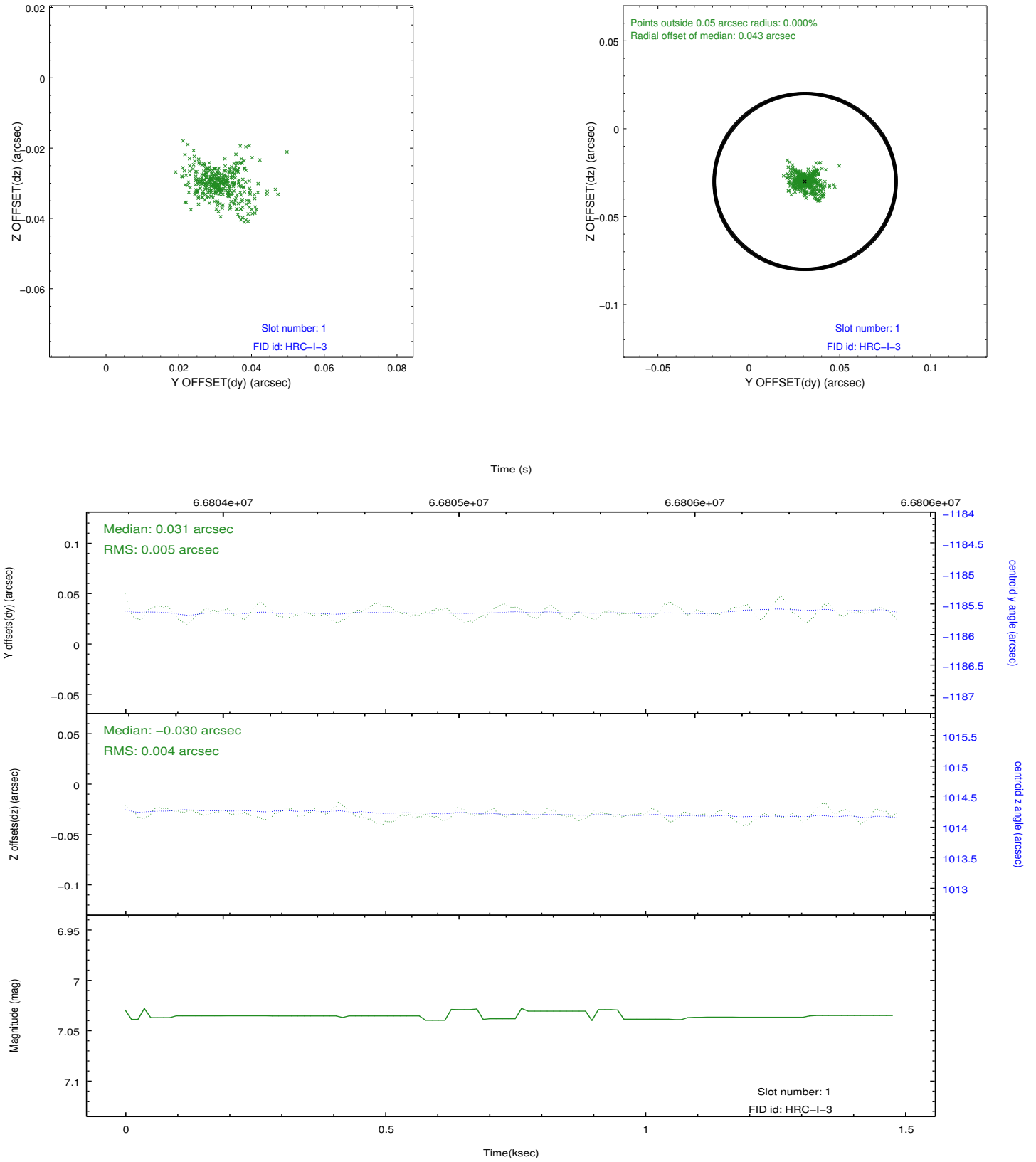


2.5 FID Slots

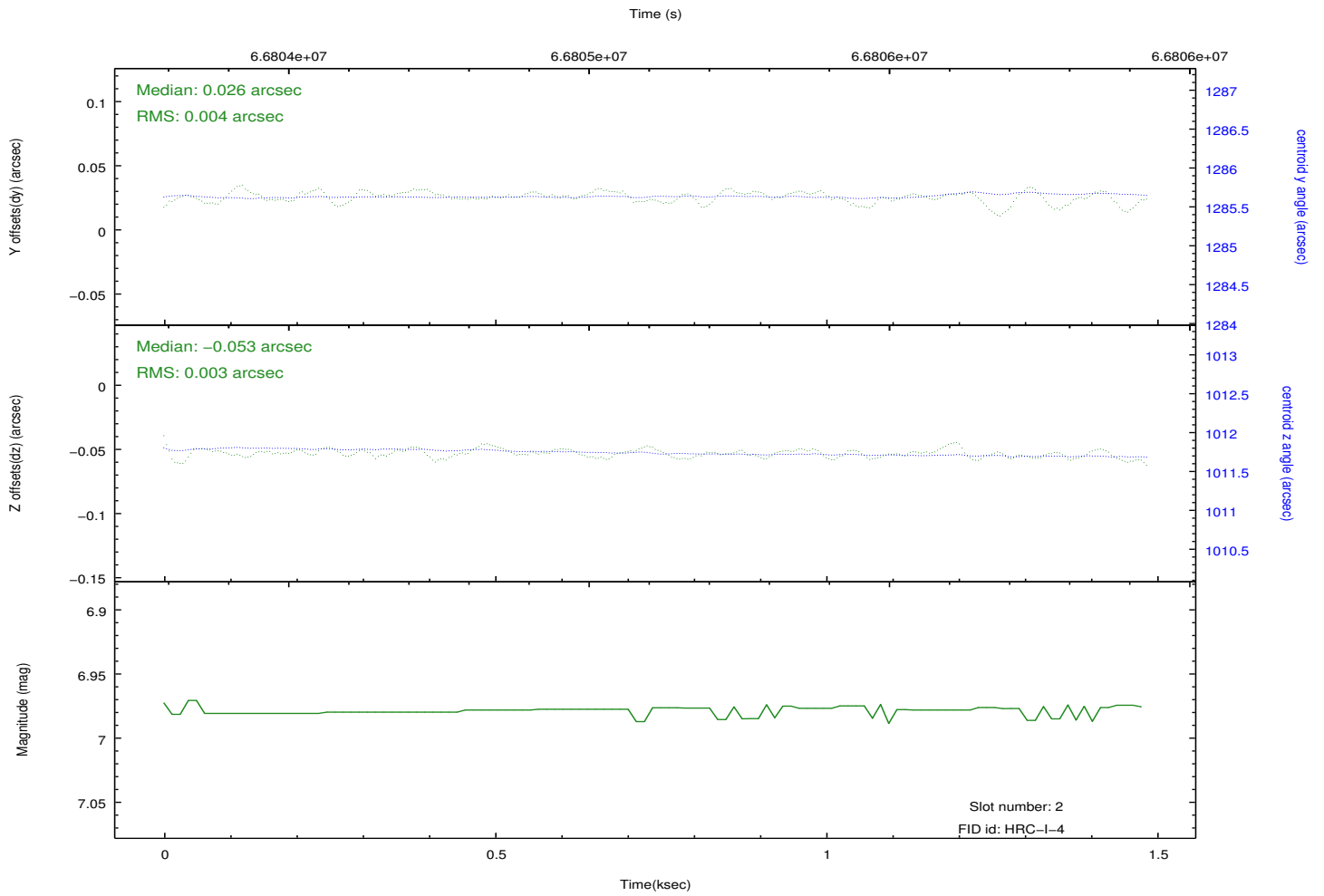
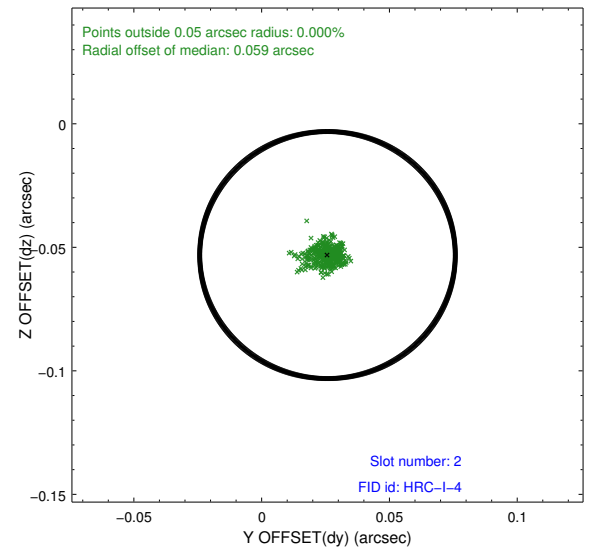
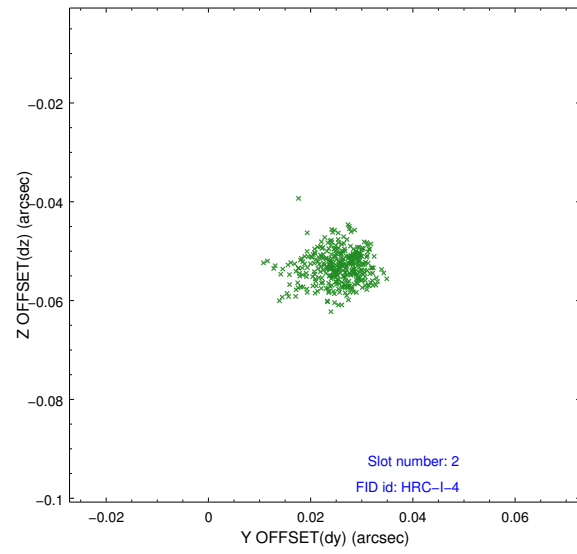
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.485

A.2 Comments