

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 13331 - L2 Version 1
Chandra X-Ray Center

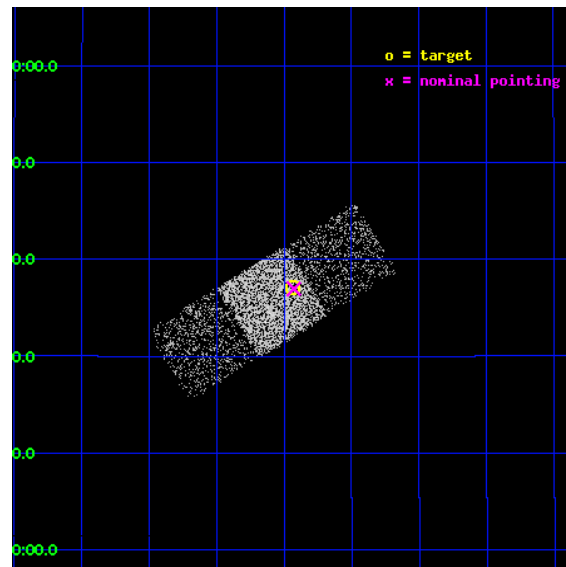
L2 Processing Date : Apr 30 2012

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1 Front

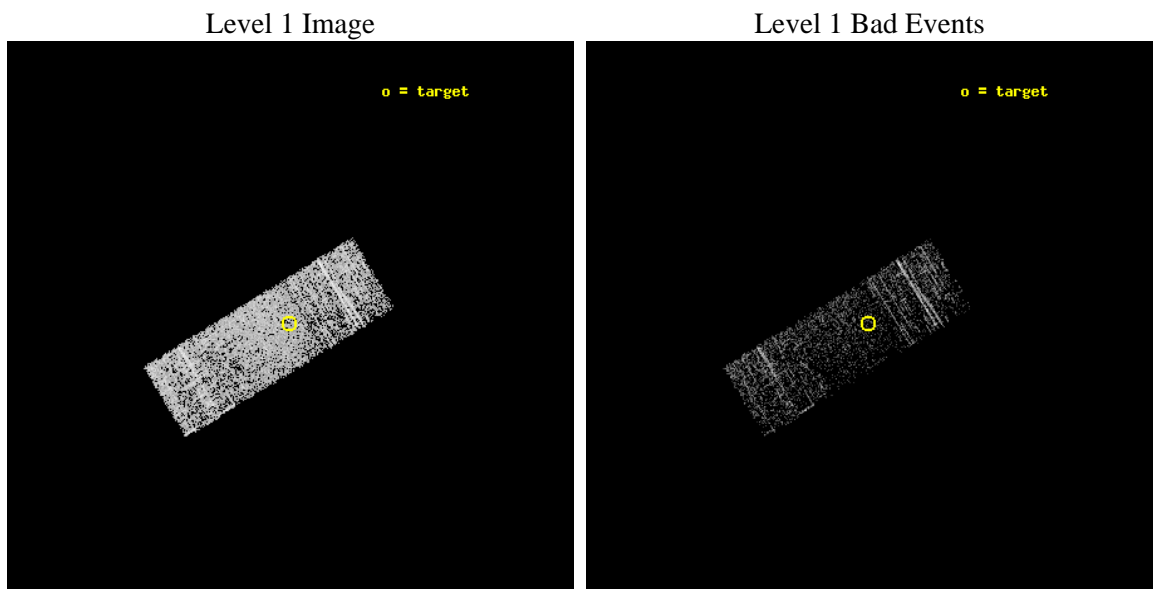
seq_num	702538	Sequence number
obs_id	13331	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	SDSS J1554+1937	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	238.609167	Observer's specified target RA [deg]
dec_targ	19.6175	Observer's specified target Dec [deg]
ra_nom	238.60665529789	Nominal RA [deg]
dec_nom	19.616191715807	Nominal Dec [deg]
roll_nom	148.34112754206	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1577.5339410305	Sum of GTIs [s]
livetime	1556.9222987273	Livetime [s]
ontime6	1577.4929010272	Sum of GTIs [s]
ontime7	1577.5339410305	Sum of GTIs [s]
ontime8	1577.4518610239	Sum of GTIs [s]
l2events	6594	Number of level 2 events



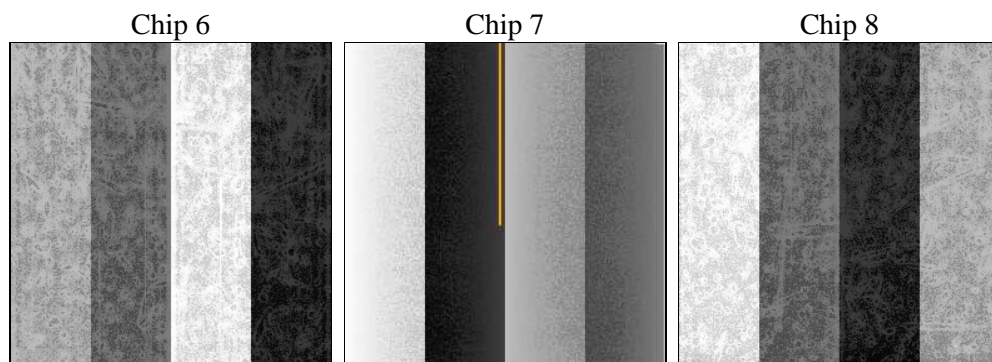
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1577.5339410305	Sum of GTIs [s]
caldsver	4.4.9	 	ontime6	1577.4929010272	Sum of GTIs [s]
date	2012-04-30T23:38:39	Date and time of file creation	ontime7	1577.5339410305	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1577.4518610239	Sum of GTIs [s]
			l1events	29914	Number of level 1 events

2.1.4 Events

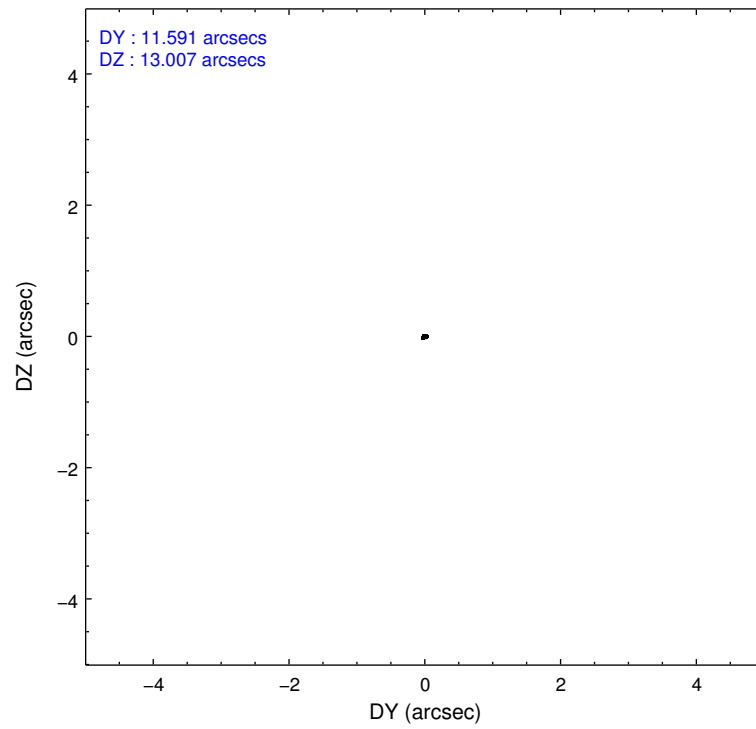
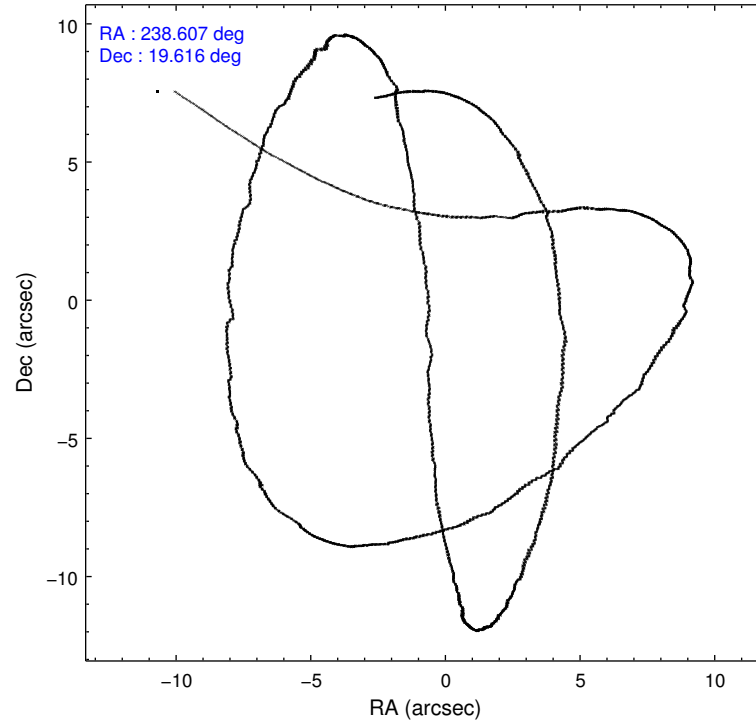
	ccd 6	ccd 7	ccd 8
level 1 events	9556	9820	10538
rejected events	8446	5004	7755
rejected %	88%	50%	73%

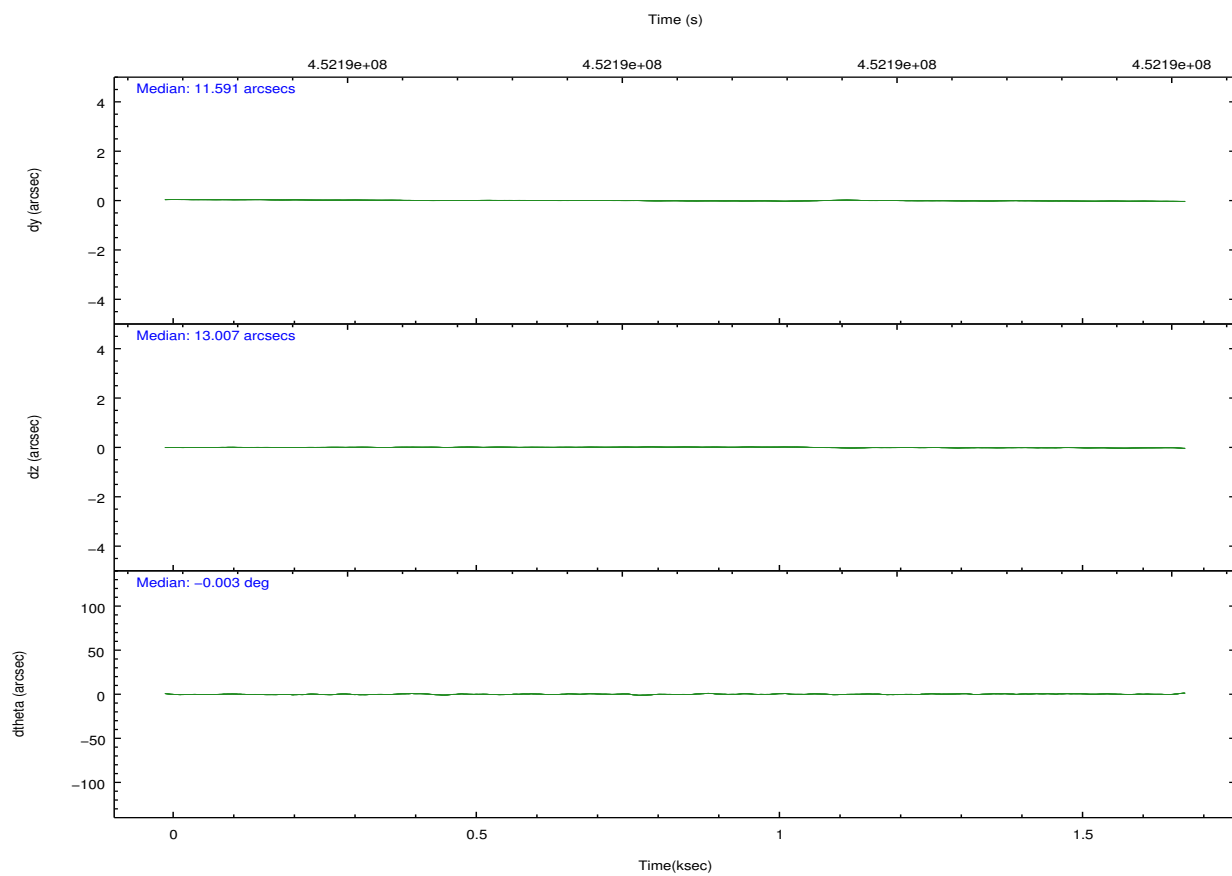
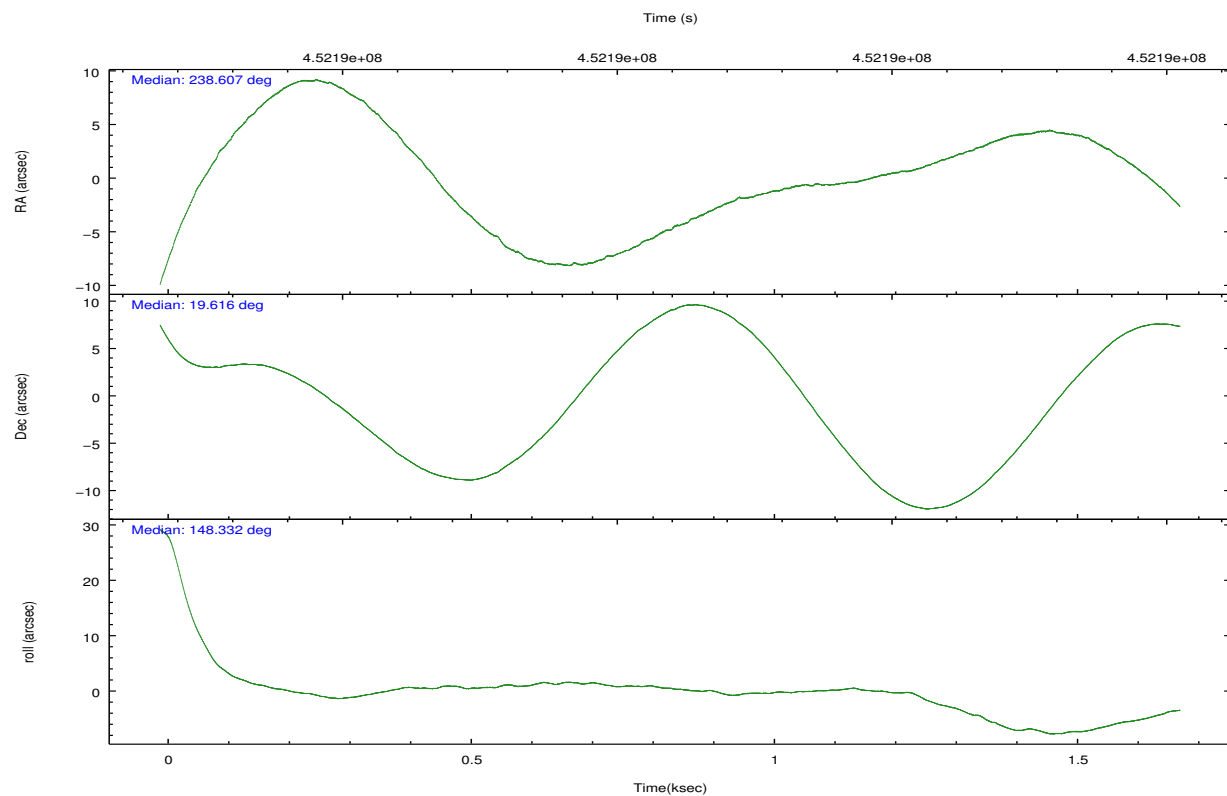
	ccd 6	ccd 7	ccd 8
grade 0 events	426	487	806
	4%	4%	7%
grade 1 events	3	12	10
	0%	0%	0%
grade 2 events	242	1034	682
	2%	10%	6%
grade 3 events	131	399	274
	1%	4%	2%
grade 4 events	108	415	274
	1%	4%	2%
grade 5 events	391	1009	569
	4%	10%	5%
grade 6 events	203	2505	749
	2%	25%	7%
grade 7 events	8052	3959	7174
	84%	40%	68%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-678	ACIS-678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	238.635294	238.606655297888	Subarray requested	NONE	NONE
[deg] Pointing Dec	19.615765	19.61619171580729	Alternating exposures requested	N	N
[deg] Pointing Roll	148.174685	148.341127542062	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	452187433.184000	452186388.94787			
Observation start date	2012-04-30T15:36:07	2012-04-30T15:19:48			
[s] Observation end time (MET)	452188933.184000	452189878.56055			
Observation end date	2012-04-30T16:01:07	2012-04-30T16:17:58			
Read mode	TIMED	TIMED			

2.3 Aspect



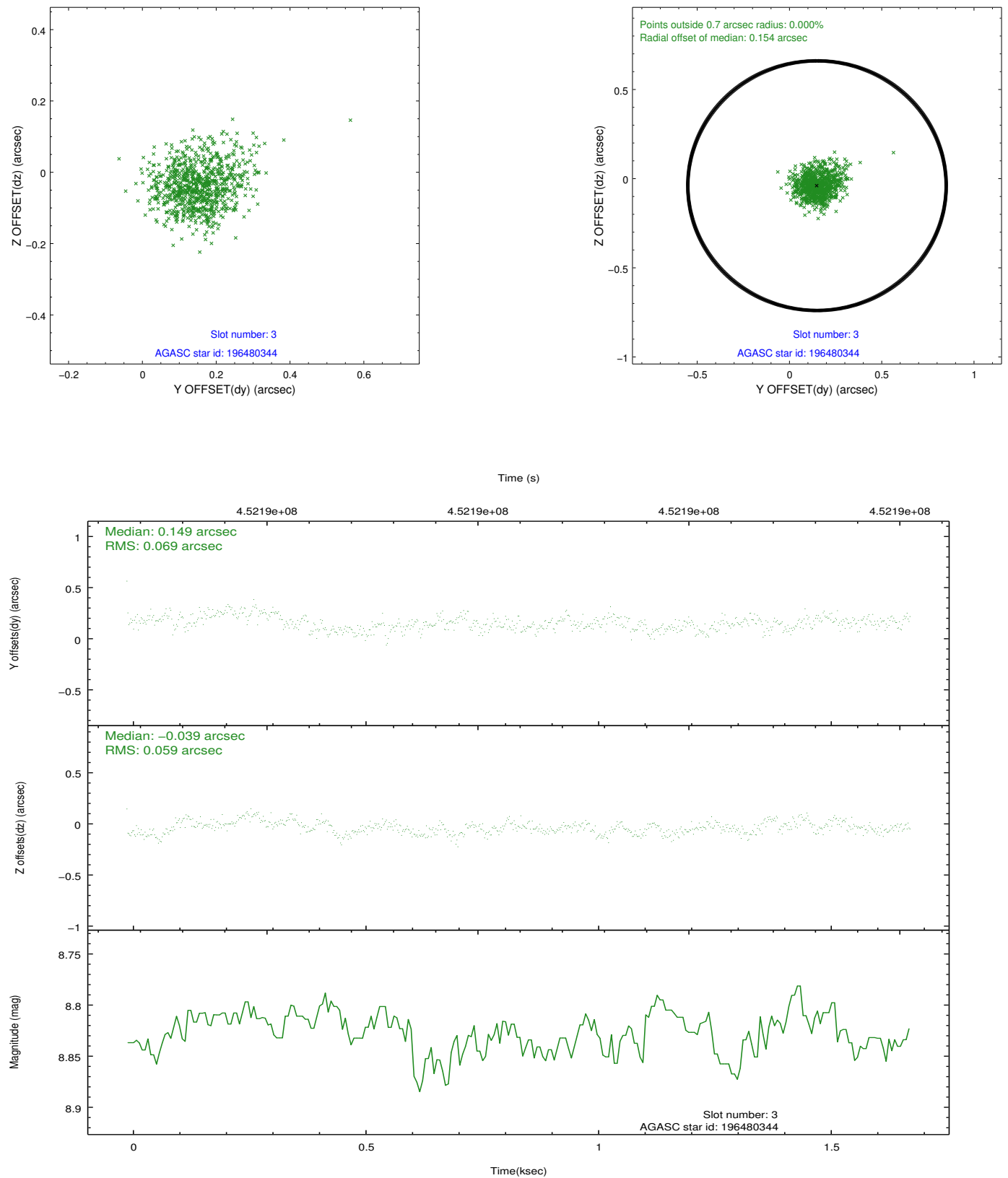


Slot Statistics

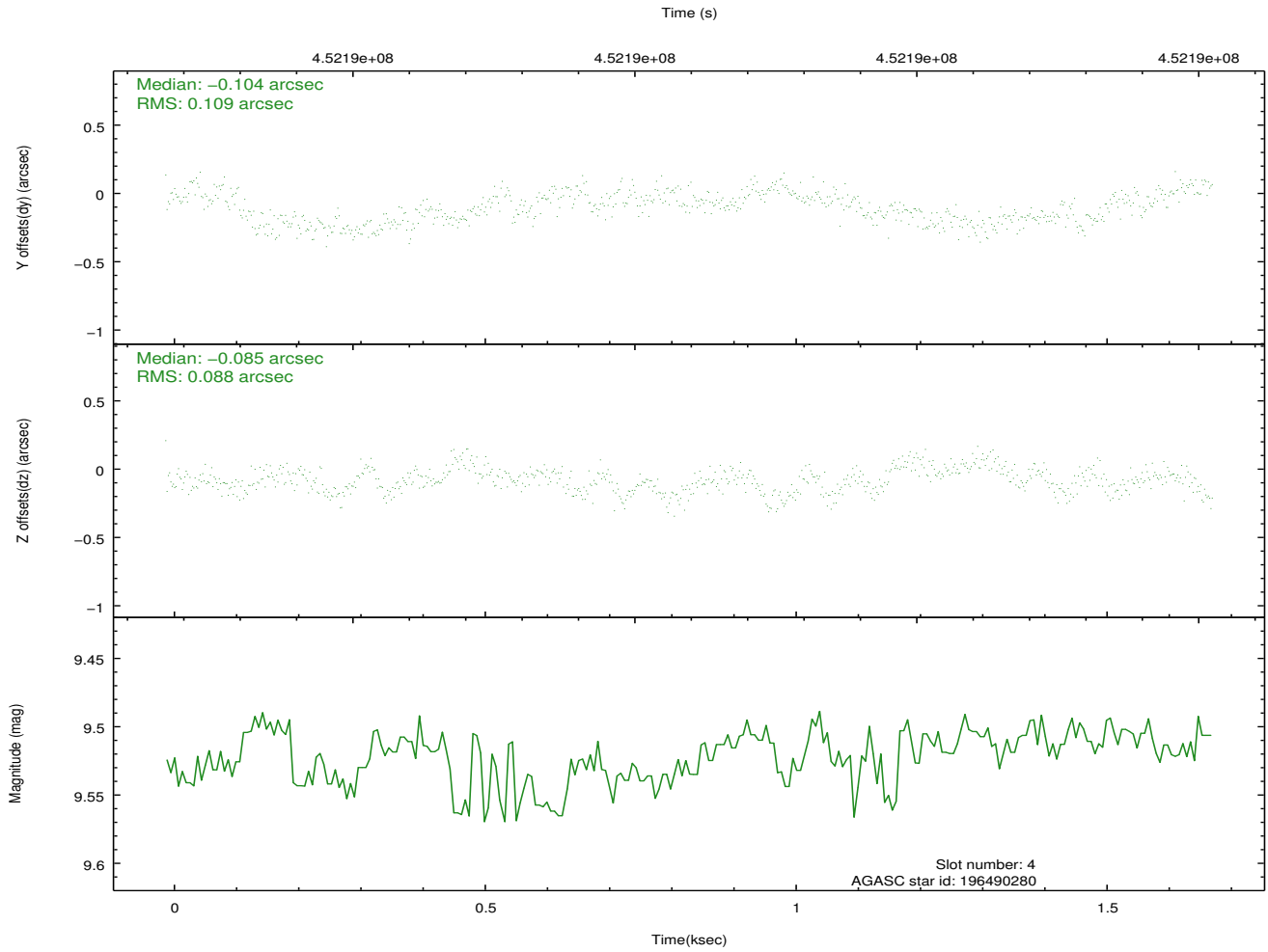
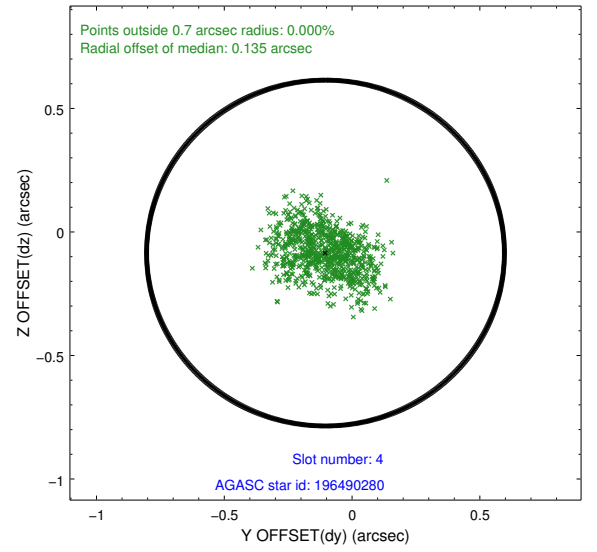
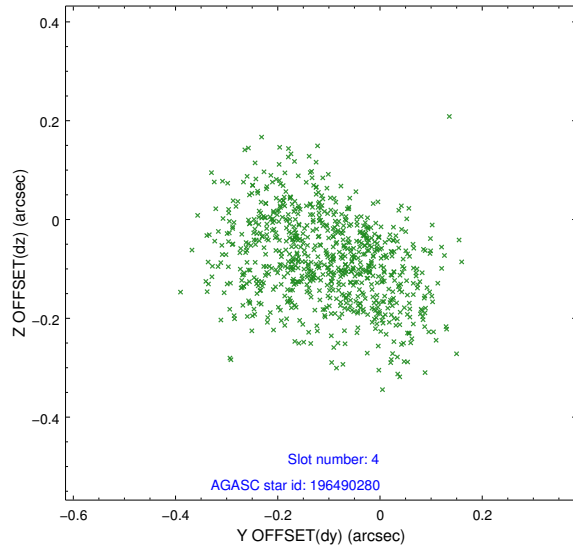
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.95	411	-0.043	-0.040	0.006	0.010	0.000000	0.000000	-764.54	-1734.36
1	FID	ACIS-S-4	7.04	411	0.160	0.032	0.005	0.008	0.000000	0.000000	2147.18	170.09
2	FID	ACIS-S-5	7.07	411	-0.148	0.018	0.006	0.010	0.000000	0.000000	-1812.43	168.26
3	GUIDE	196480344	8.83	822	0.149	-0.039	0.097	0.158	238.522484	19.410970	-61.74	829.51
4	GUIDE	196490280	9.52	820	-0.104	-0.085	0.152	0.235	238.101241	19.257931	866.19	2050.87
5	GUIDE	196870968	9.74	819	-0.037	0.149	0.177	0.283	238.606443	20.079805	966.05	-1364.38
6	GUIDE	196491800	7.57	822	-0.124	-0.295	0.082	0.123	237.885233	19.289155	1550.48	2337.37
7	GUIDE	196870640	8.45	821	0.121	0.263	0.086	0.138	239.240289	20.038305	-930.59	-2370.50

2.4 Star Slots

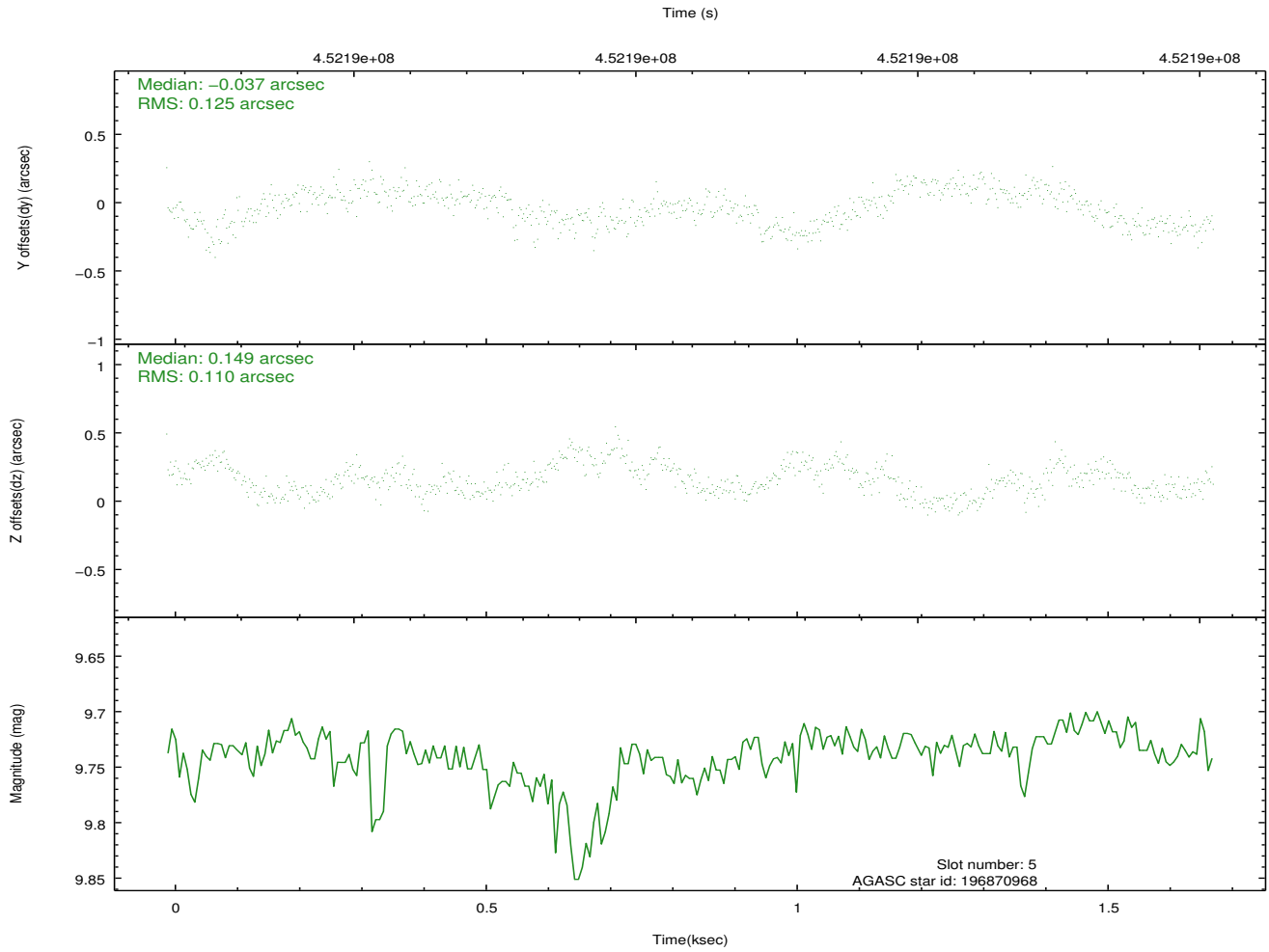
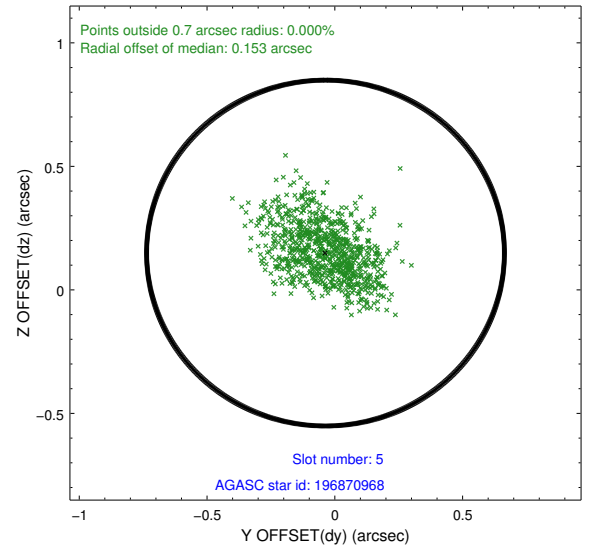
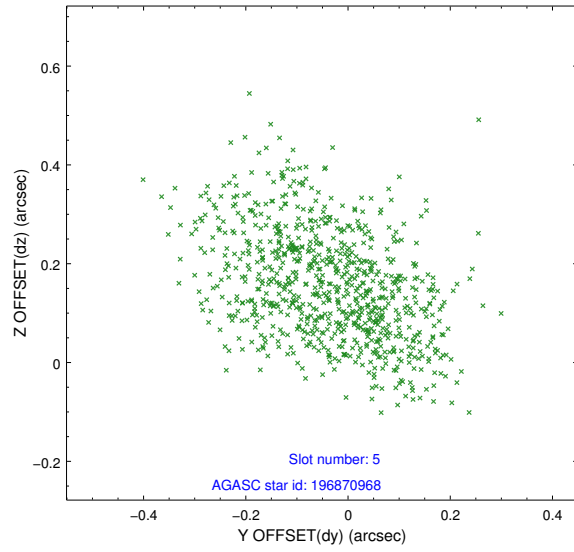
2.4.1 Slot 3



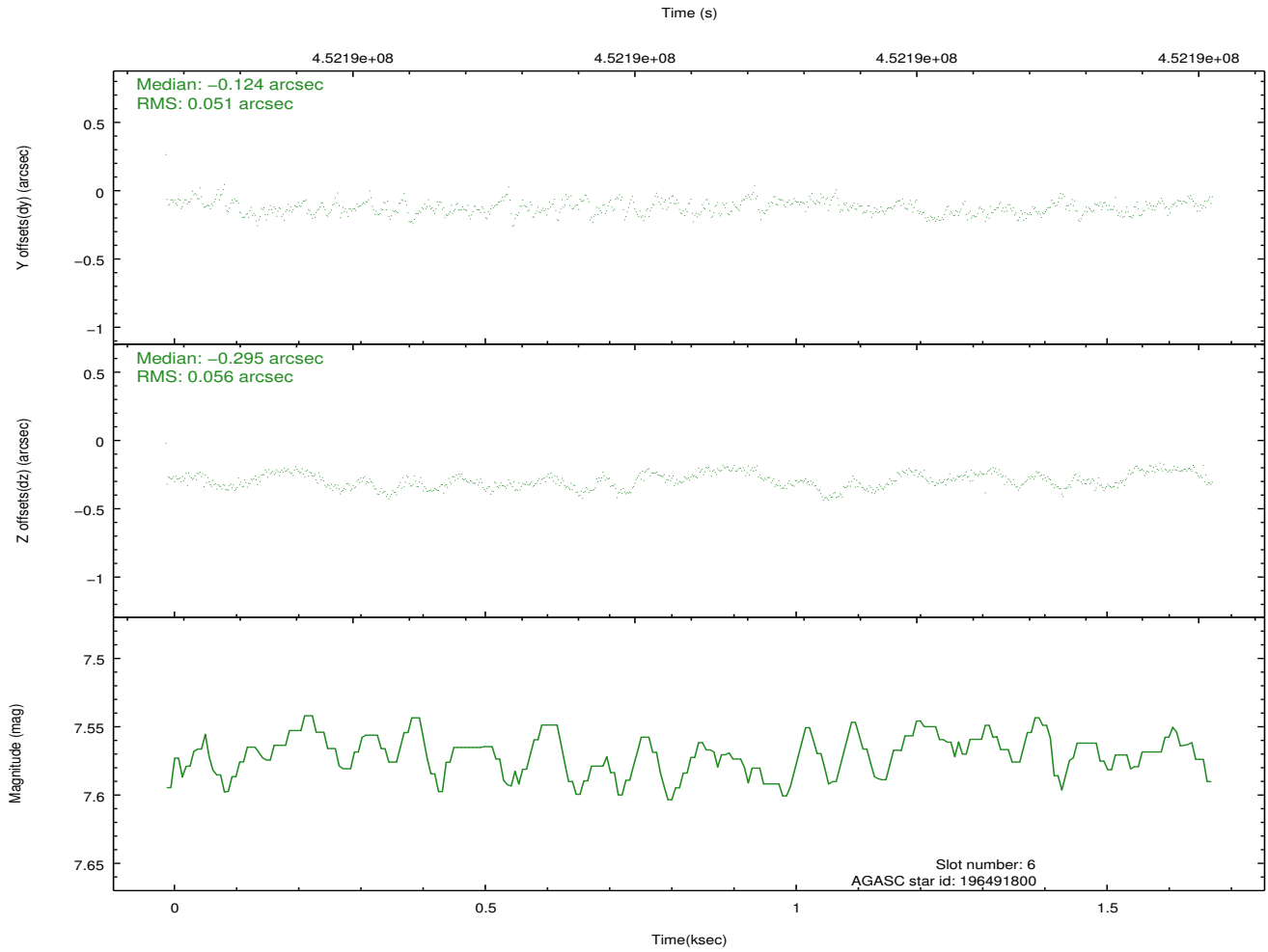
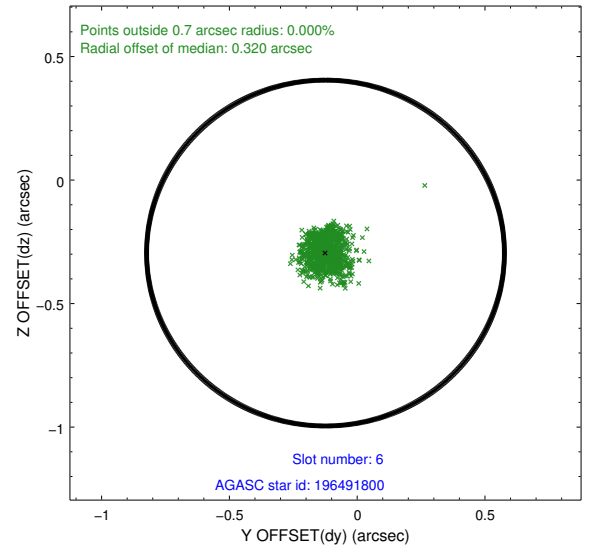
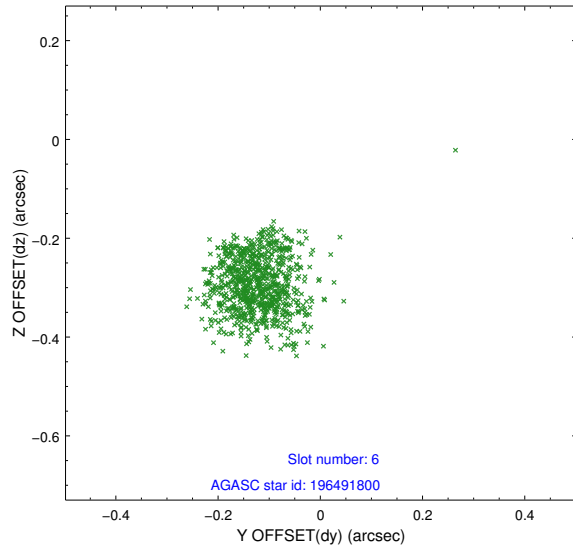
2.4.2 Slot 4



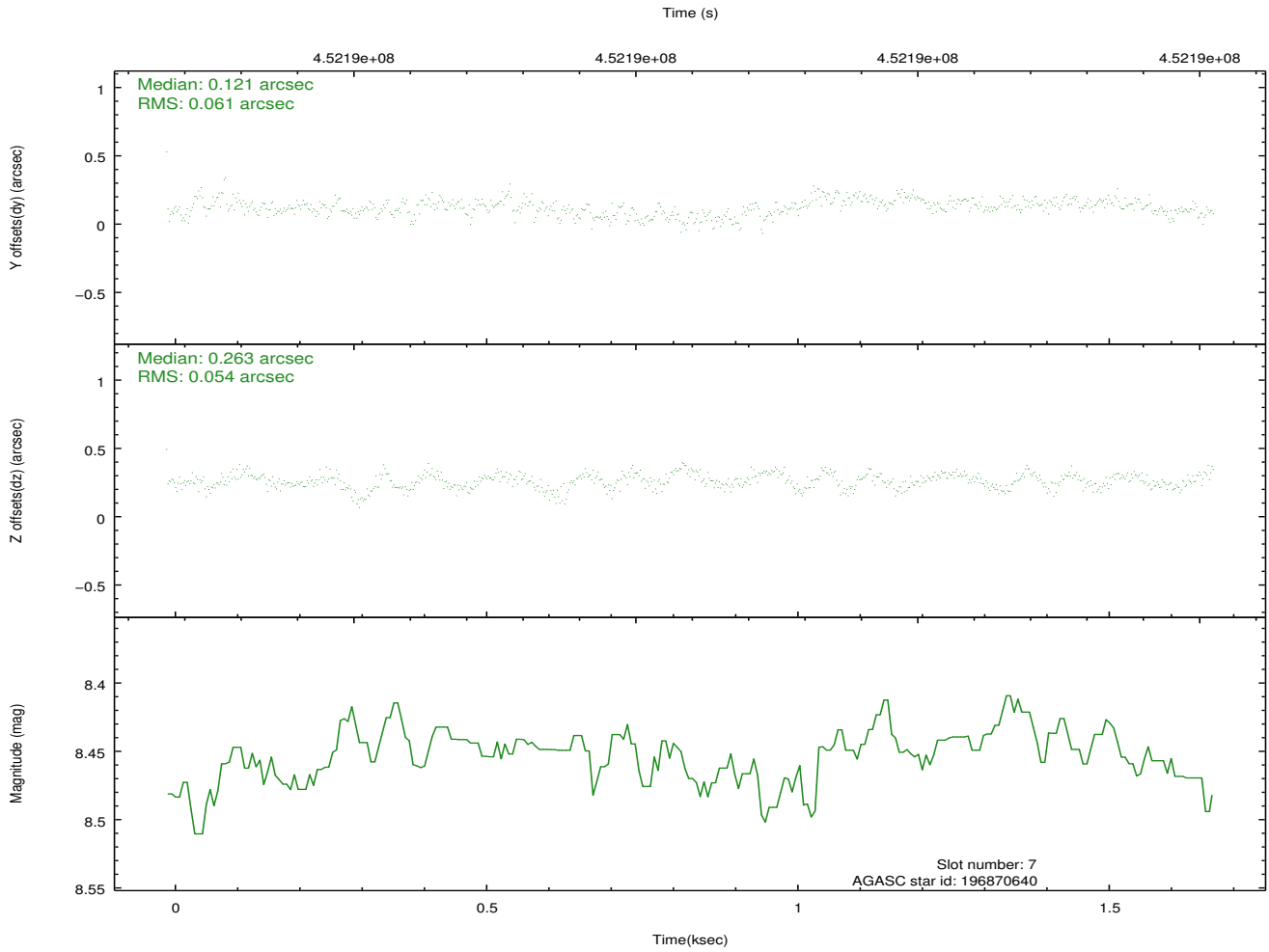
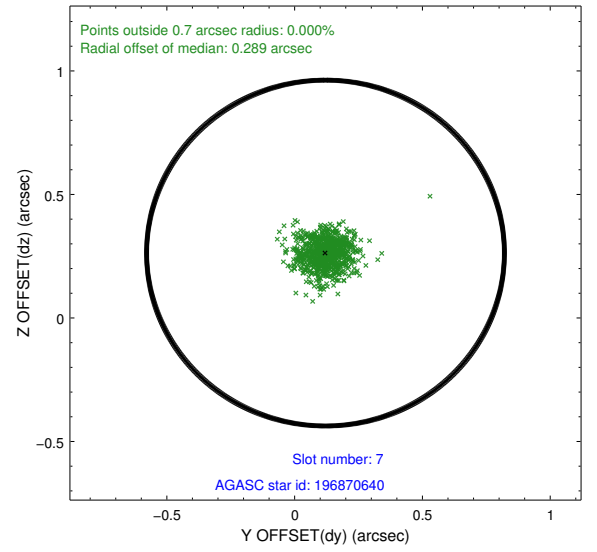
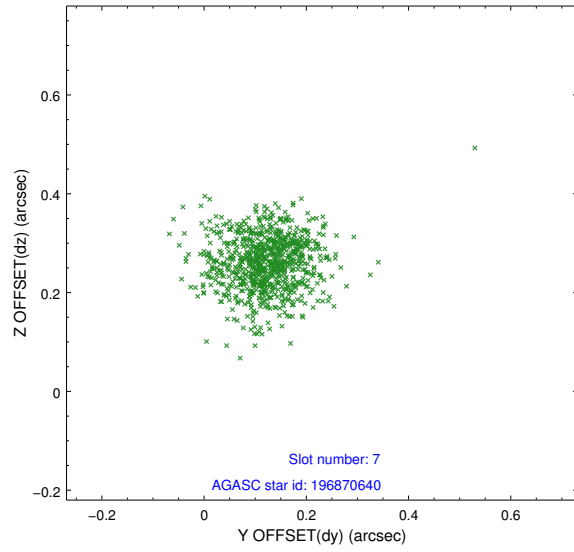
2.4.3 Slot 5



2.4.4 Slot 6

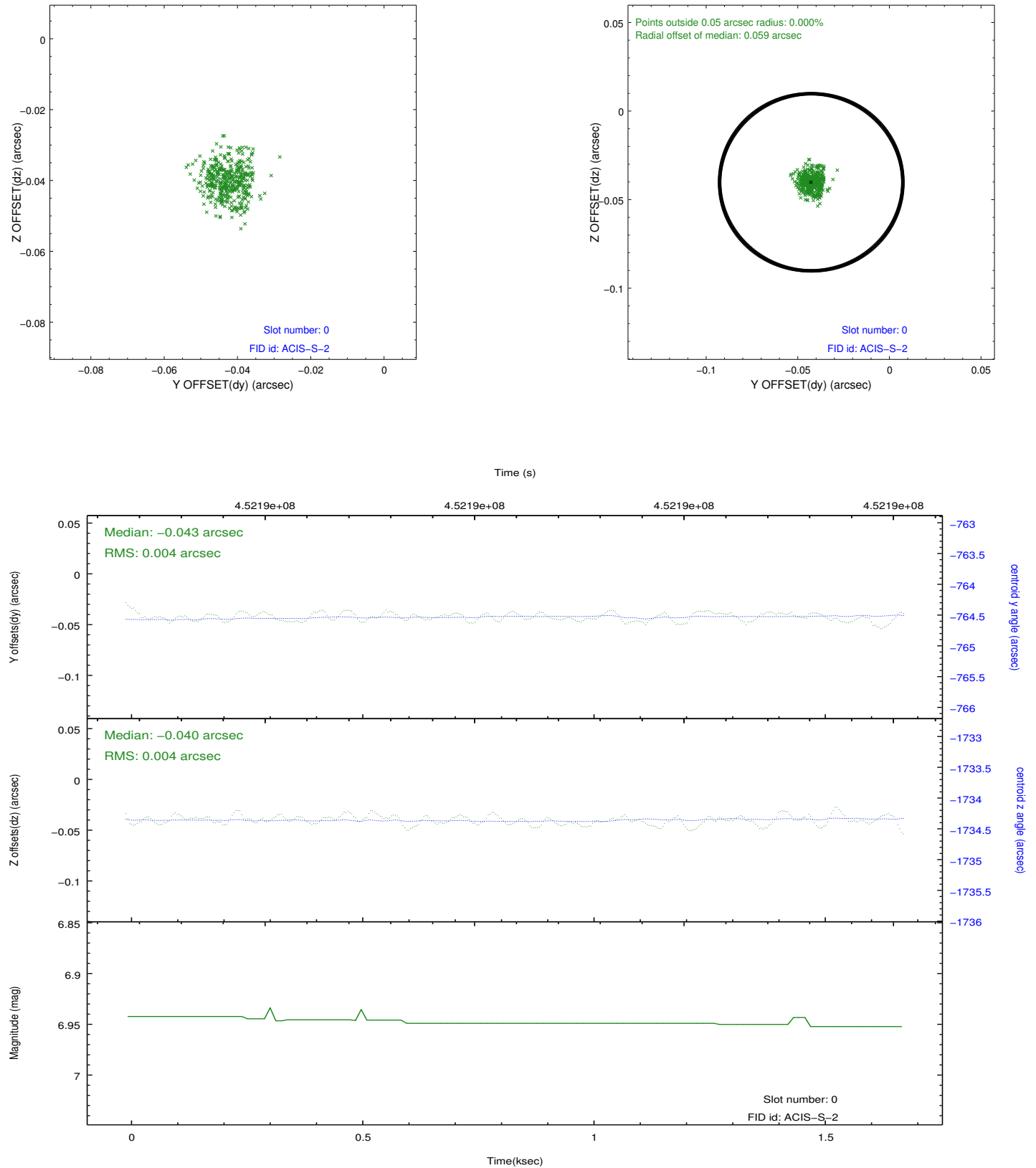


2.4.5 Slot 7

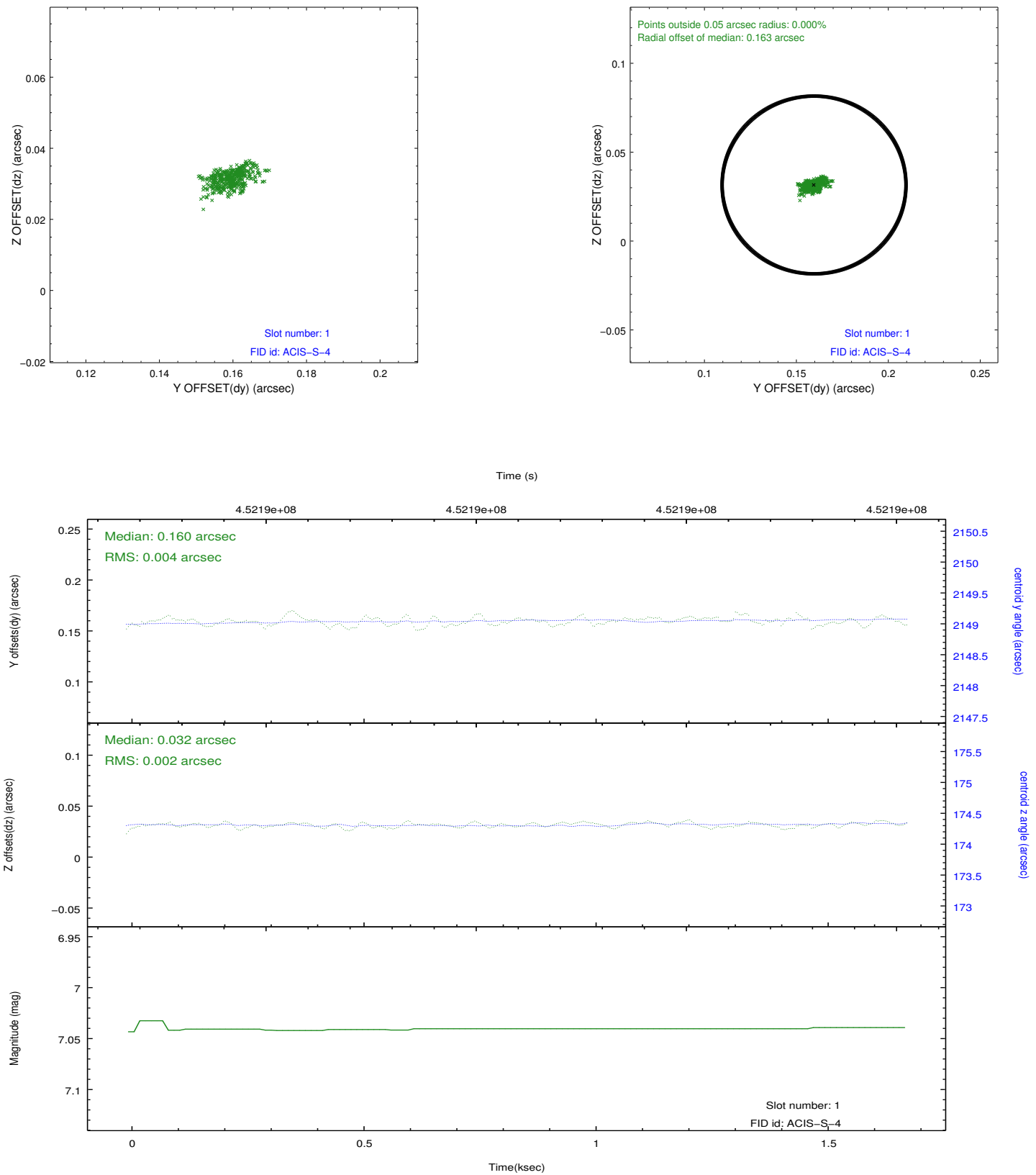


2.5 FID Slots

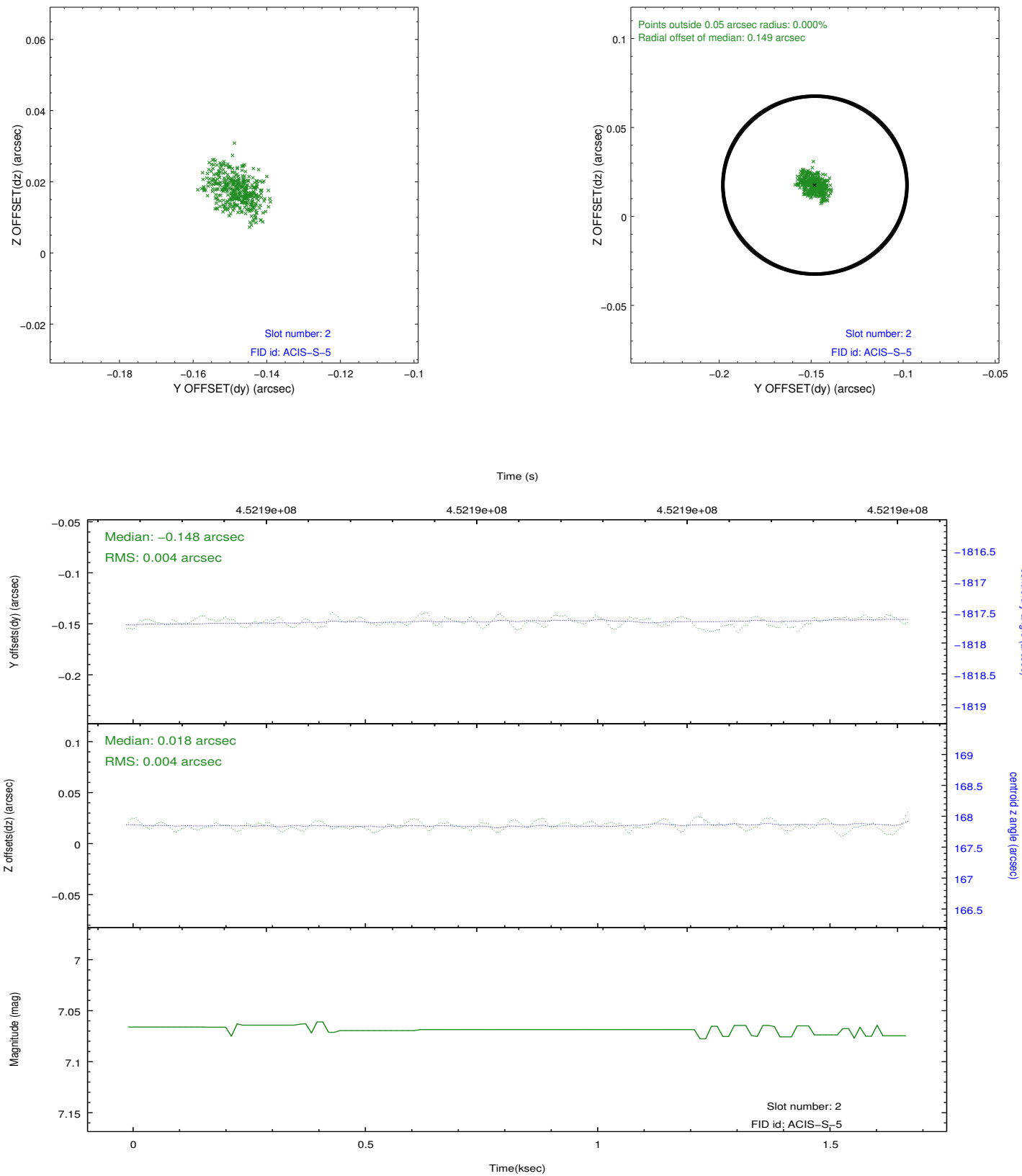
2.5.1 Slot 0



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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5775339410305

A.2 Comments