

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6793 - L2 Version 2
Chandra X-Ray Center

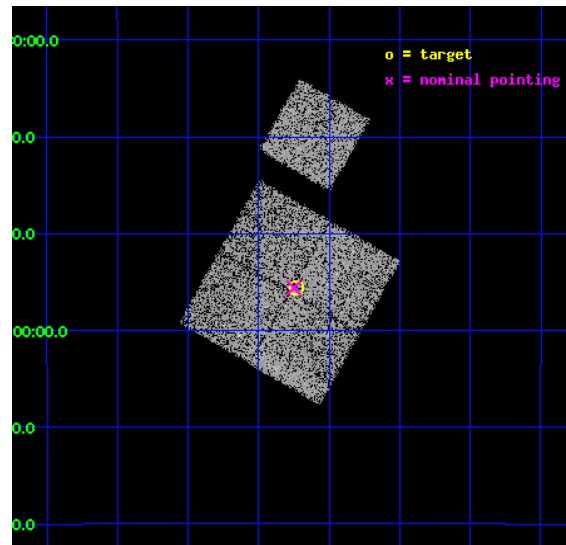
L2 Processing Date : Mar 23 2012

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1 Front

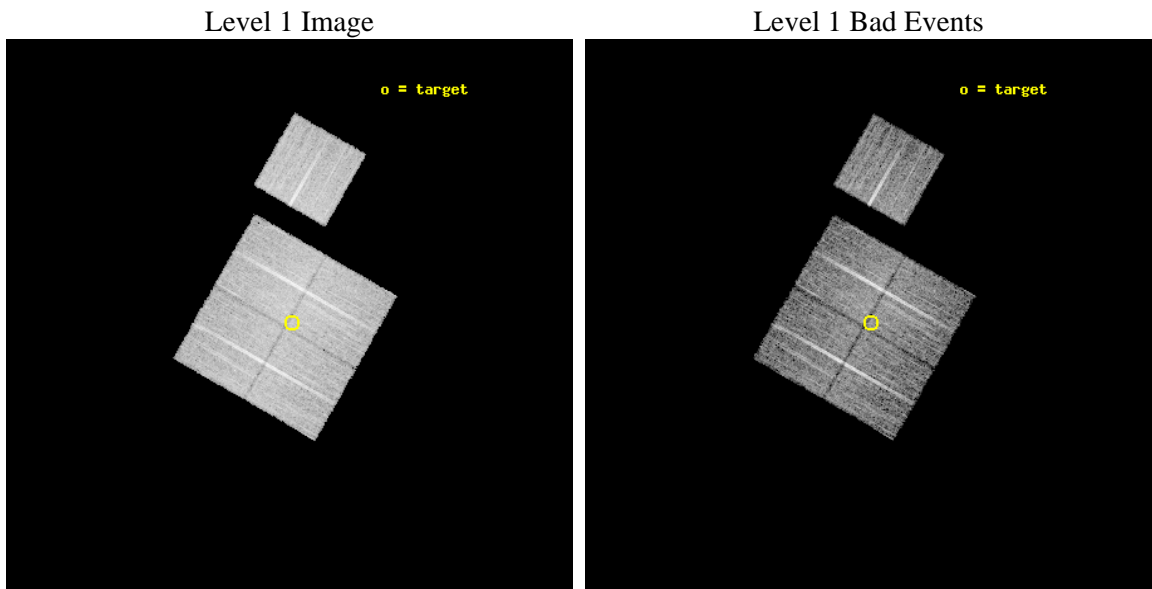
seq_num	701211	Sequence number
obs_id	6793	Observation id
title	AGN in the Outskirts of Low-Redshift Clusters of Galaxies	Proposal
observer	Prof. Paul Martini	Principal investigator
object	Abell754-P1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	137.557917	Observer's specified target RA [deg]
dec_targ	-9.9275	Observer's specified target Dec [deg]
ra_nom	137.56254569209	Nominal RA [deg]
dec_nom	-9.9269051898421	Nominal Dec [deg]
roll_nom	29.806997162763	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10074.770550877	Sum of GTIs [s]
livetime	9943.1362566915	Livetime [s]
ontime0	10071.50644055	Sum of GTIs [s]
ontime1	10080.970481157	Sum of GTIs [s]
ontime2	10081.011521161	Sum of GTIs [s]
ontime3	10074.770550877	Sum of GTIs [s]
ontime6	10080.888401151	Sum of GTIs [s]
l2events	29573	Number of level 2 events



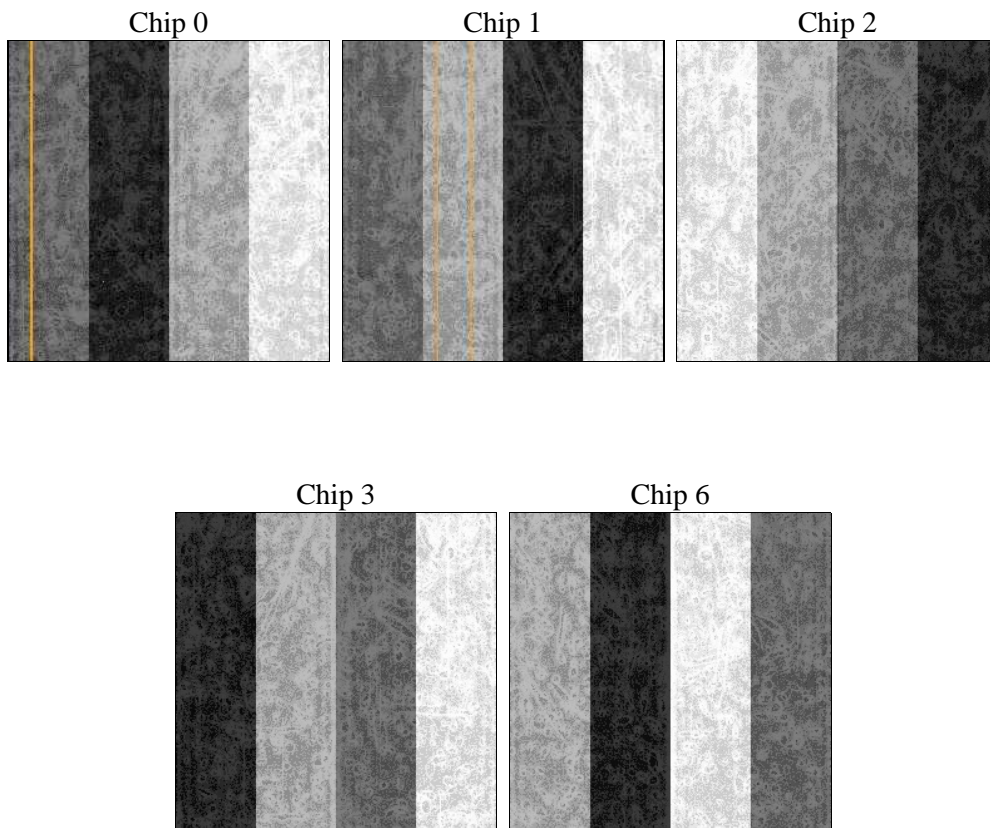
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	10074.770550877	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	10071.50644055	Sum of GTIs [s]
date	2012-03-23T14:10:27	Date and time of file creation	ontime1	10080.970481157	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	10081.011521161	Sum of GTIs [s]
			ontime3	10074.770550877	Sum of GTIs [s]
			ontime6	10080.888401151	Sum of GTIs [s]
			l1events	339419	Number of level 1 events

2.1.4 Events

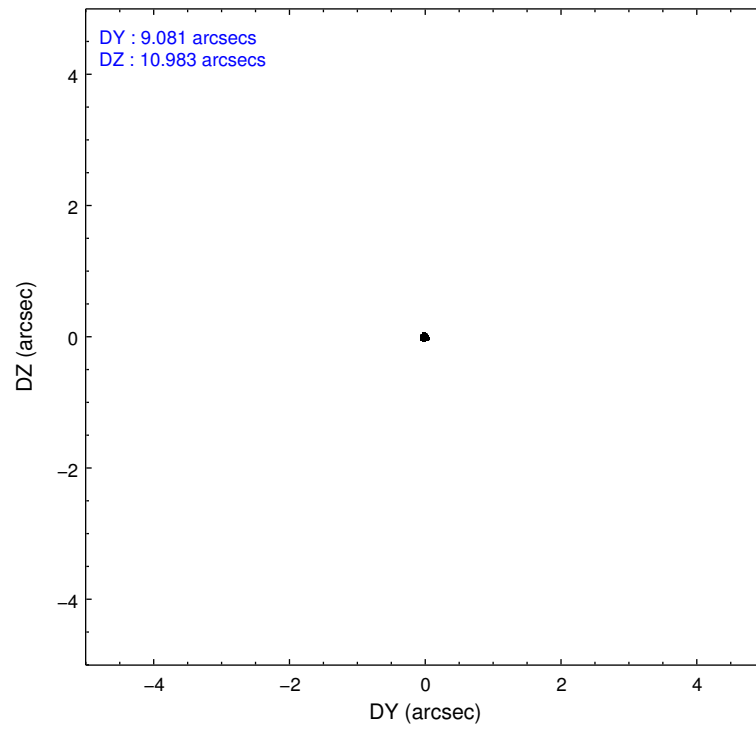
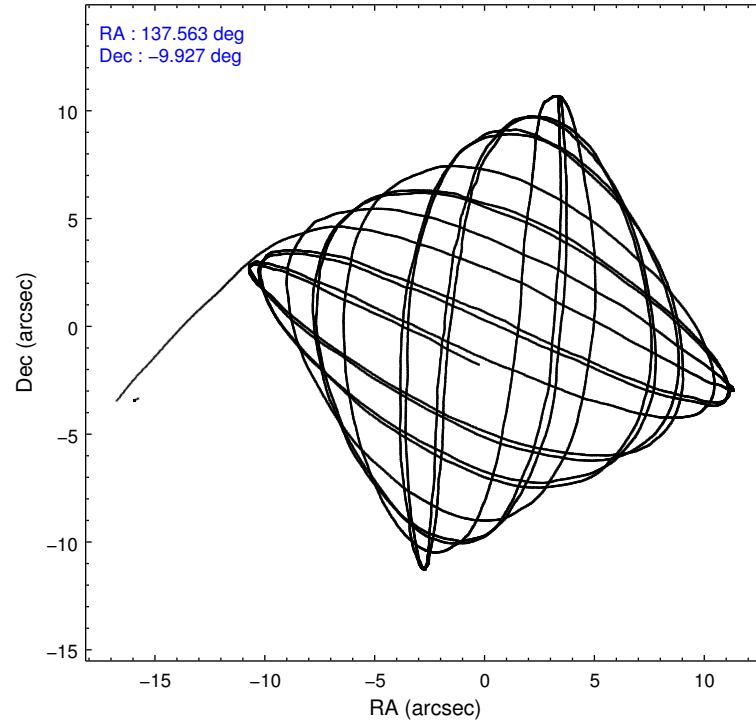
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	63644	63833	72033	68052	71857
rejected events	56669	56143	65232	61304	64588
rejected %	89%	87%	90%	90%	89%

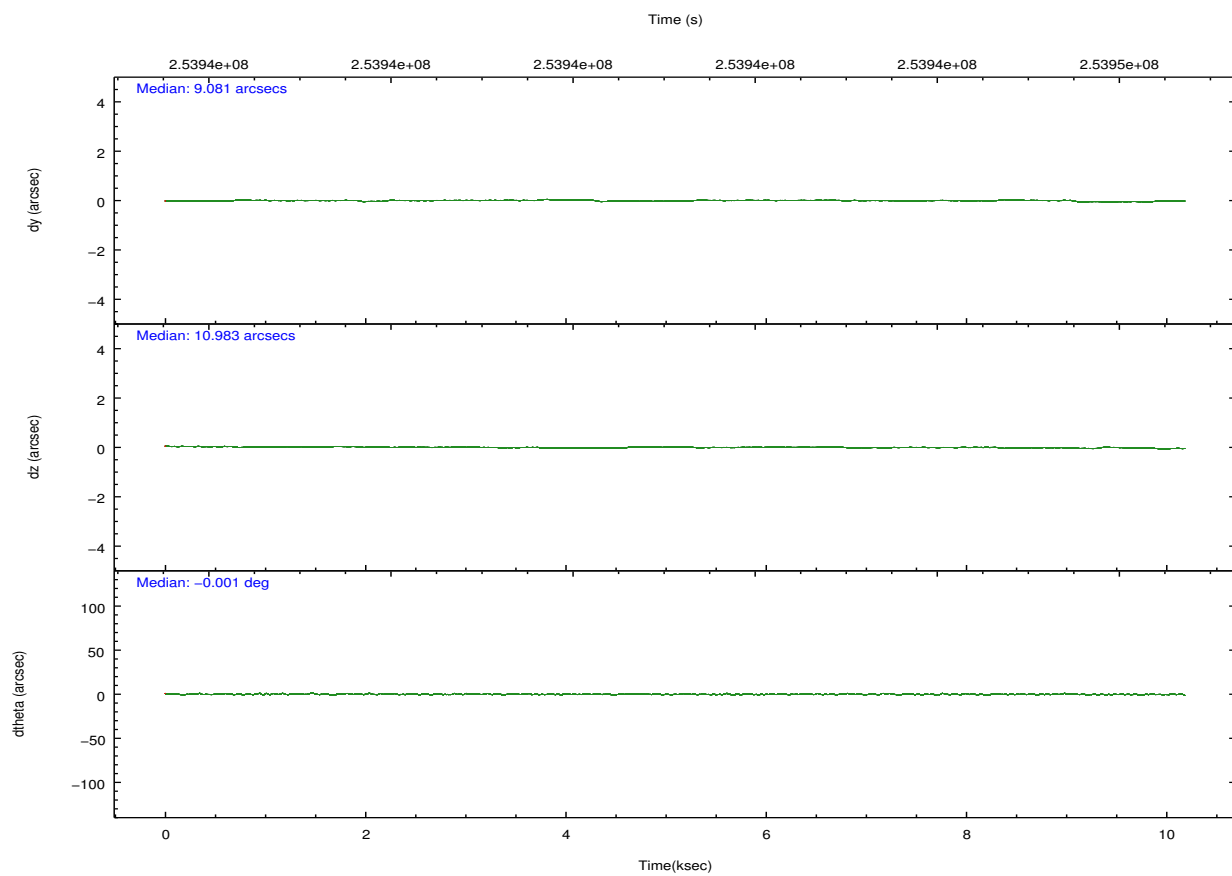
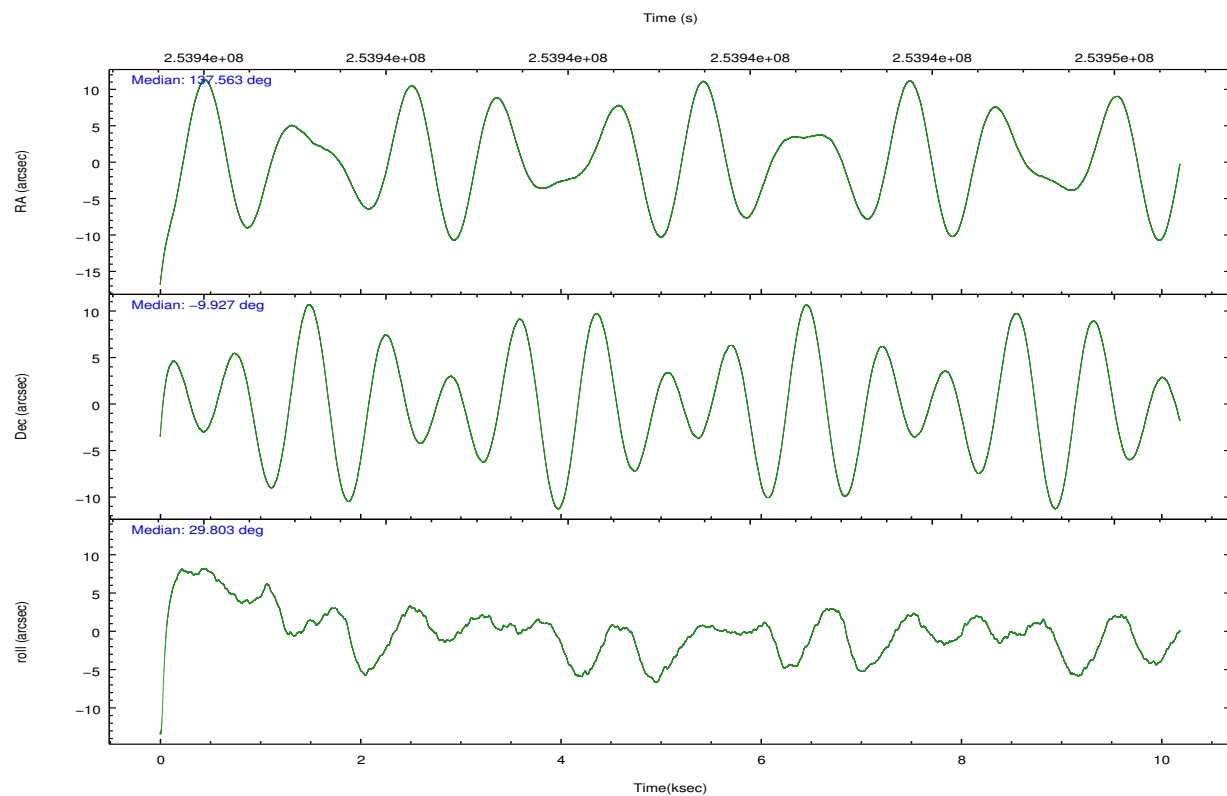
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	2502	2716	2401	2450	2675
	3%	4%	3%	3%	3%
grade 1 events	25	30	34	35	39
	0%	0%	0%	0%	0%
grade 2 events	1637	1722	1667	1407	1576
	2%	2%	2%	2%	2%
grade 3 events	759	903	783	774	792
	1%	1%	1%	1%	1%
grade 4 events	728	856	751	747	756
	1%	1%	1%	1%	1%
grade 5 events	2281	2622	2241	2807	2797
	3%	4%	3%	4%	3%
grade 6 events	1356	1500	1202	1376	1473
	2%	2%	1%	2%	2%
grade 7 events	54356	53484	62954	58456	61749
	85%	83%	87%	85%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	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	137.548707	137.5625456920891	Subarray requested	NONE	NONE
[deg] Pointing Dec	-9.950677	-9.926905189842143	Alternating exposures requested	N	N
[deg] Pointing Roll	29.595947	29.80699716276276	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	253936215.184000	253935271.52178			
Observation start date	2006-01-18T01:49:10	2006-01-18T01:34:31			
[s] Observation end time (MET)	253946215.184000	253946348.18479			
Observation end date	2006-01-18T04:35:50	2006-01-18T04:39:08			
Read mode	TIMED	TIMED			

2.3 Aspect



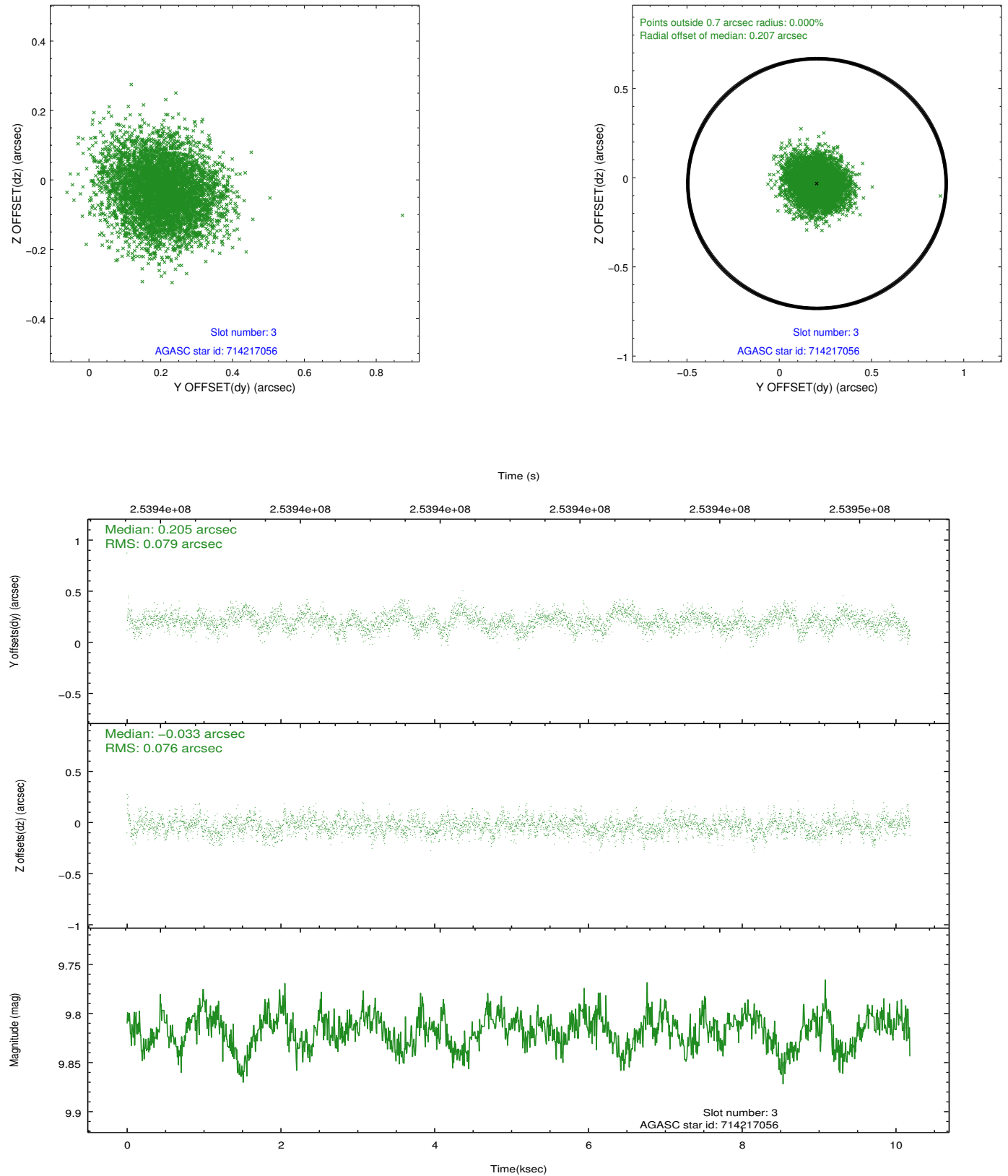


Slot Statistics

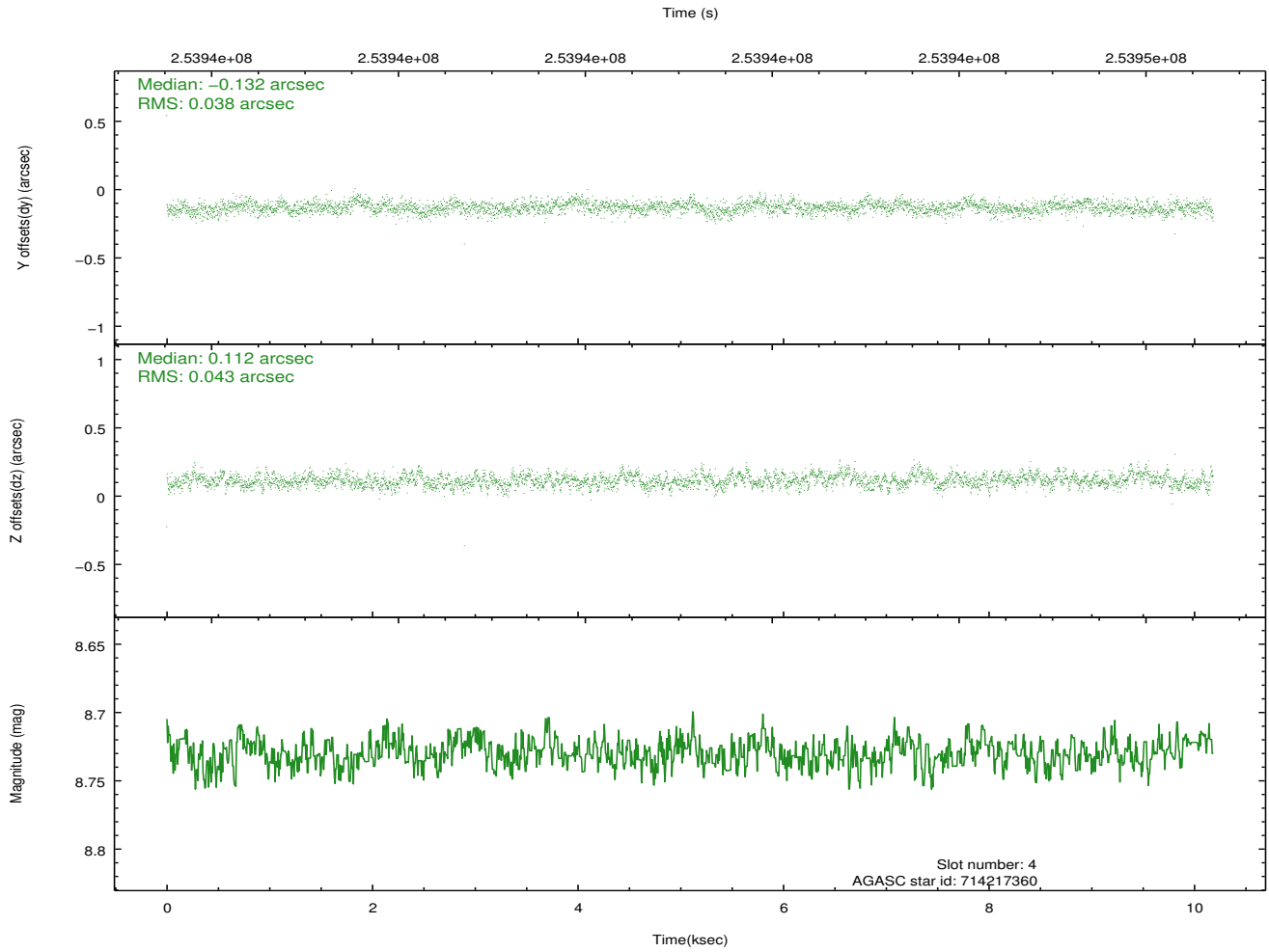
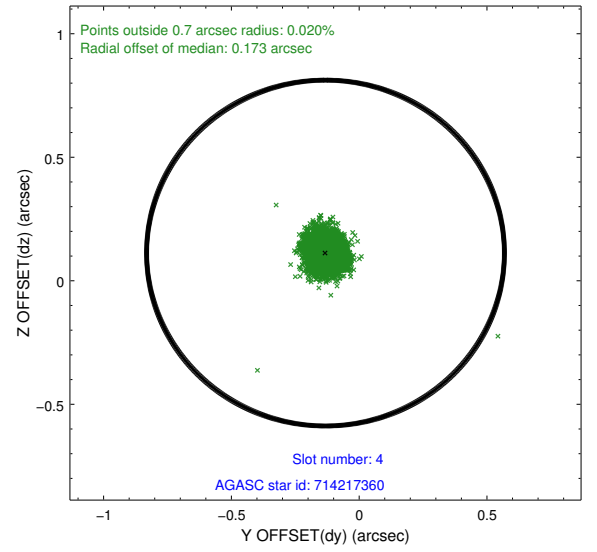
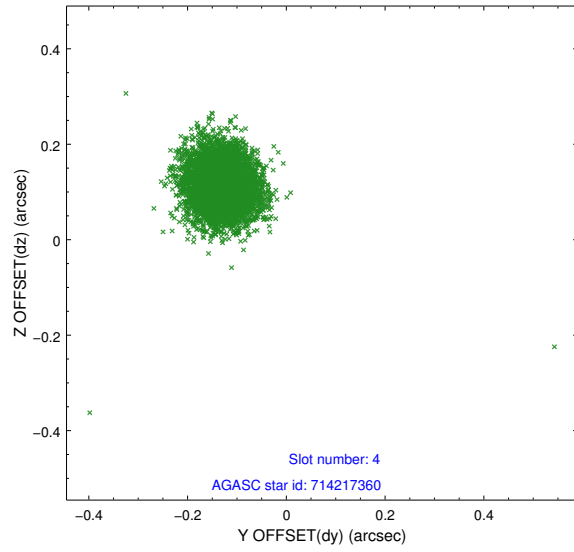
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	2484	0.056	-0.038	0.006	0.011	0.000000	0.000000	930.59	-834.53
1	FID	ACIS-I-5	7.23	2485	-0.214	0.056	0.006	0.010	0.000000	0.000000	-1817.47	1062.84
2	FID	ACIS-I-6	7.25	2484	0.066	0.052	0.007	0.011	0.000000	0.000000	395.62	1707.89
3	GUIDE	714217056	9.82	4964	0.205	-0.033	0.117	0.188	137.755380	-10.127321	323.25	-914.87
4	GUIDE	714217360	8.73	4966	-0.132	0.112	0.060	0.097	137.273046	-10.133687	-1174.80	-90.90
5	GUIDE	714218056	8.25	4967	-0.046	0.004	0.065	0.105	136.949916	-9.853677	-1675.36	1350.81
6	GUIDE	714222888	7.22	4969	-0.125	-0.203	0.047	0.080	137.419411	-9.937881	-376.31	266.49
7	GUIDE	714216920	9.36	4965	0.095	0.117	0.096	0.157	137.087616	-10.461970	-2328.79	-795.44

2.4 Star Slots

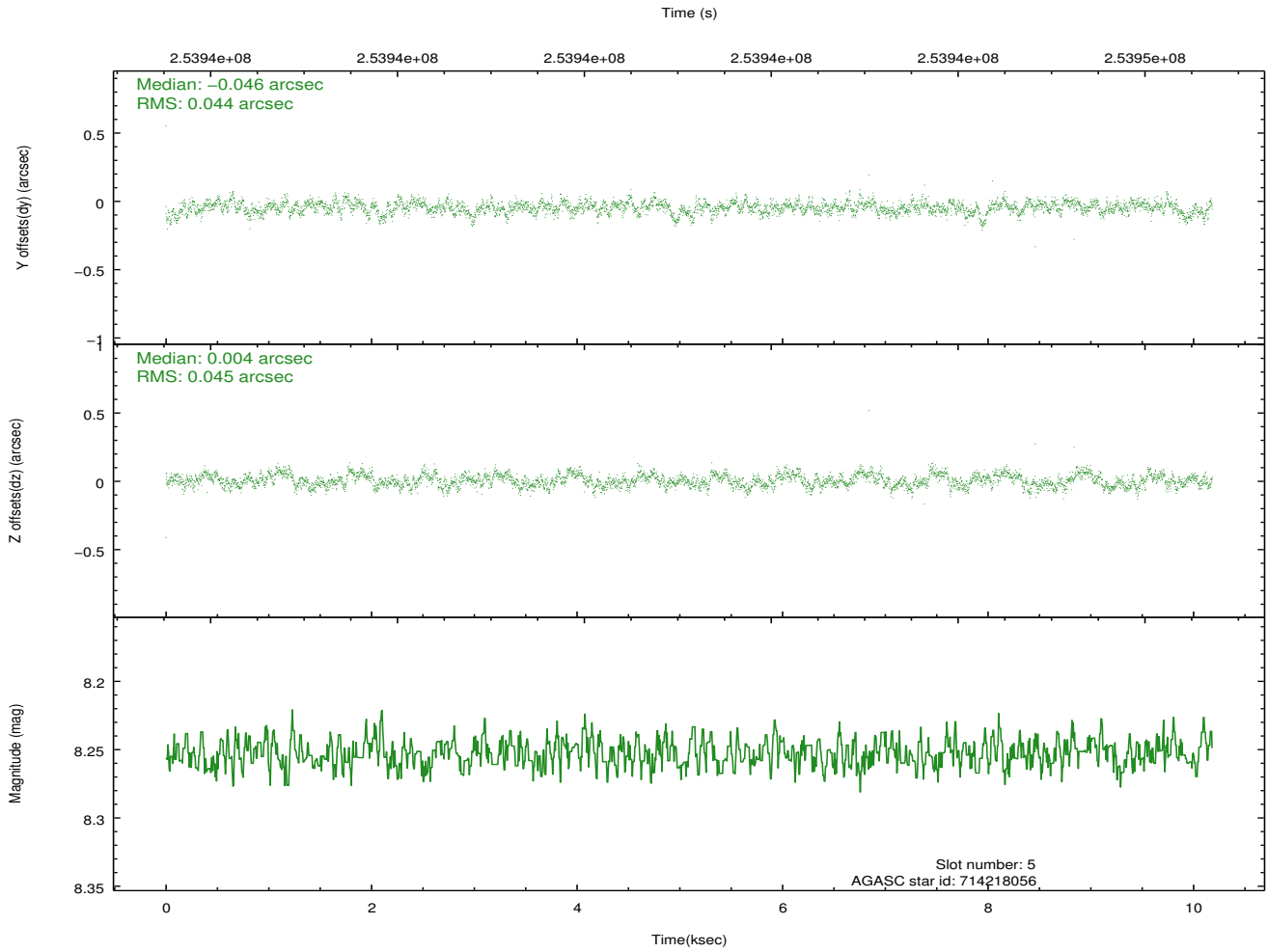
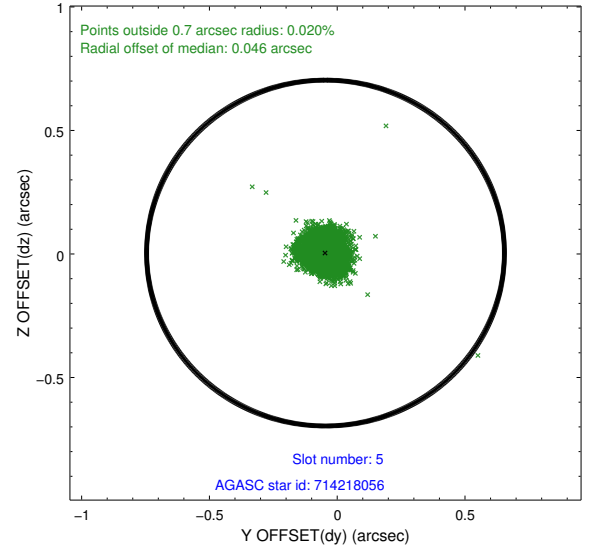
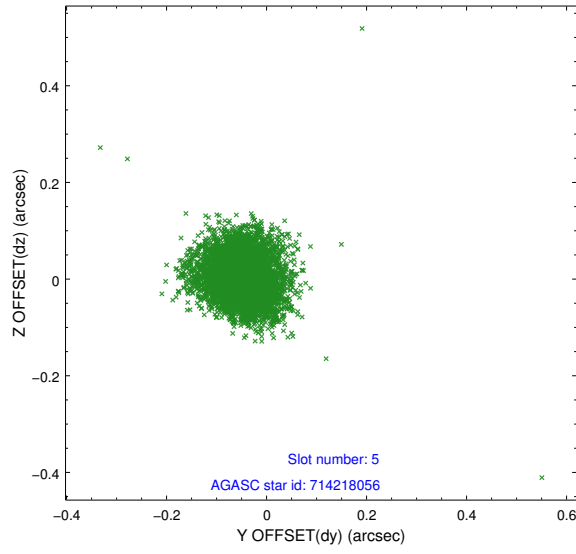
2.4.1 Slot 3



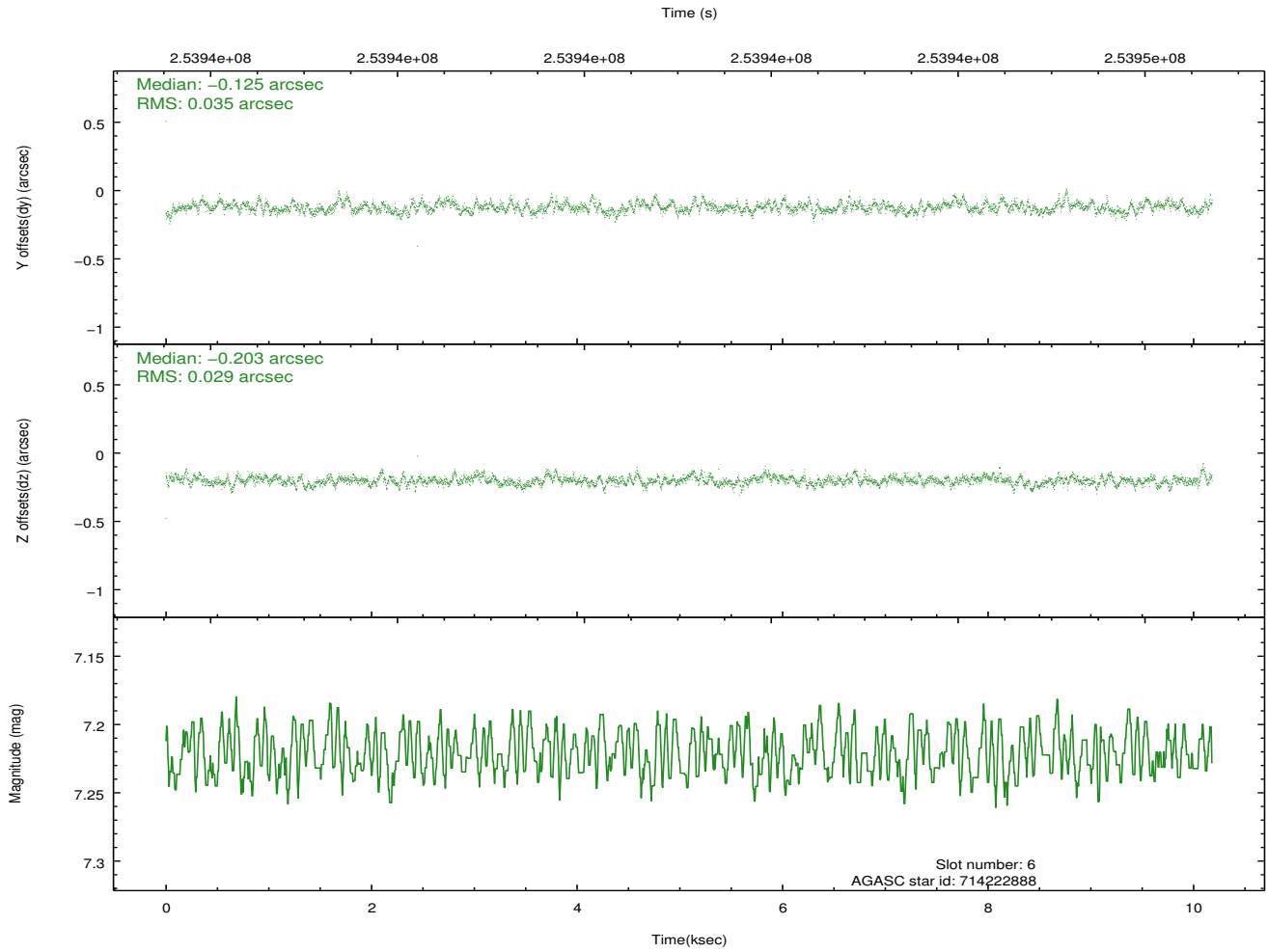
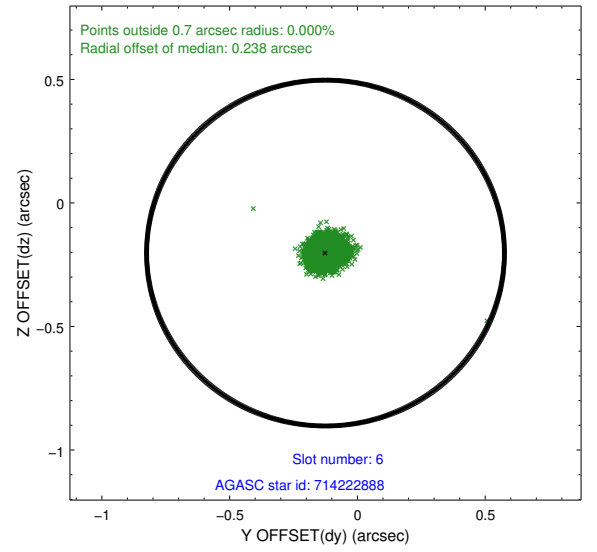
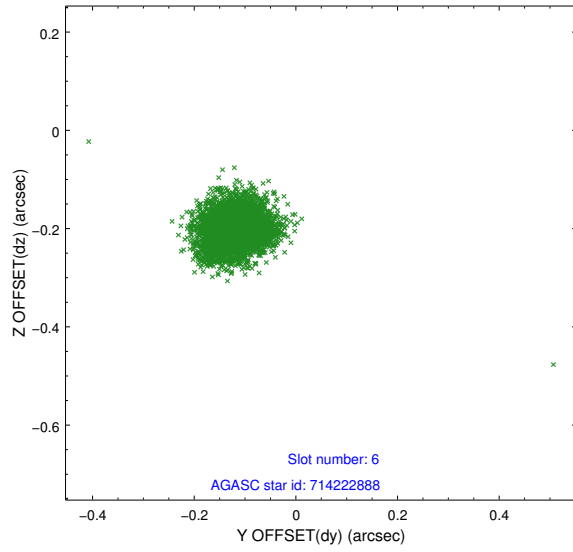
2.4.2 Slot 4



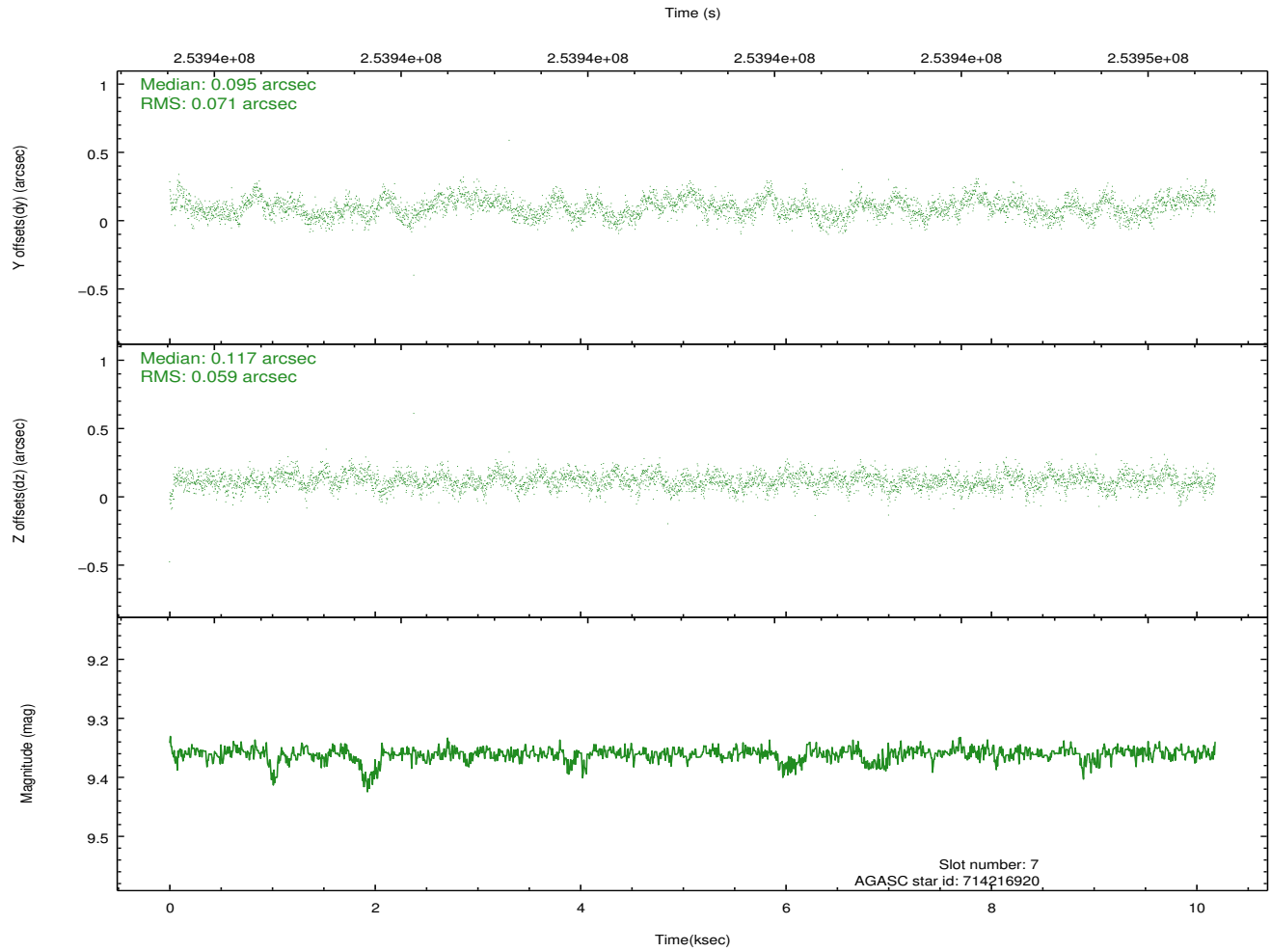
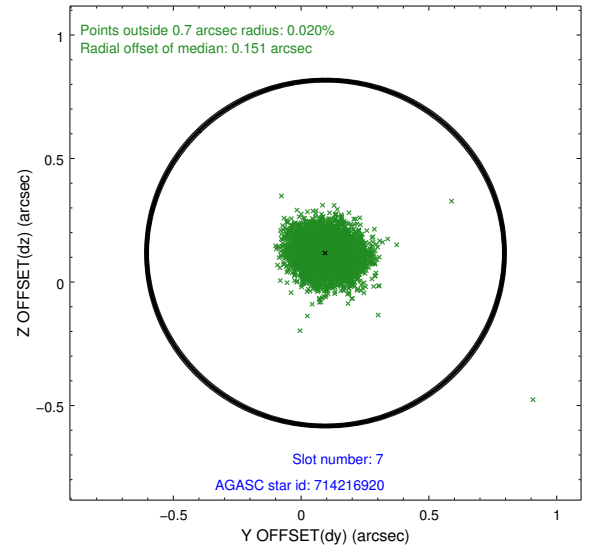
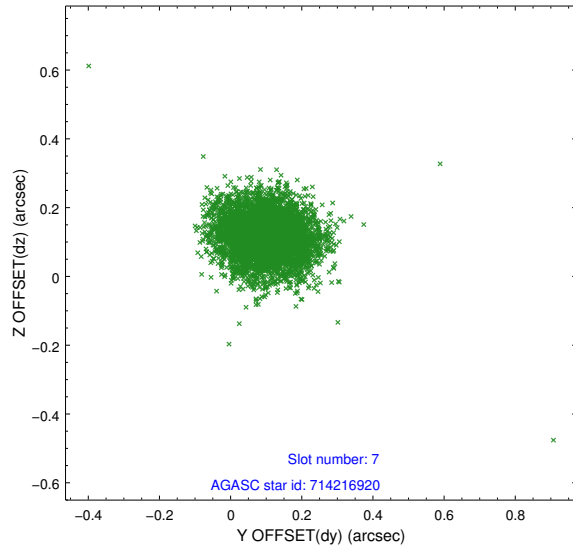
2.4.3 Slot 5



2.4.4 Slot 6

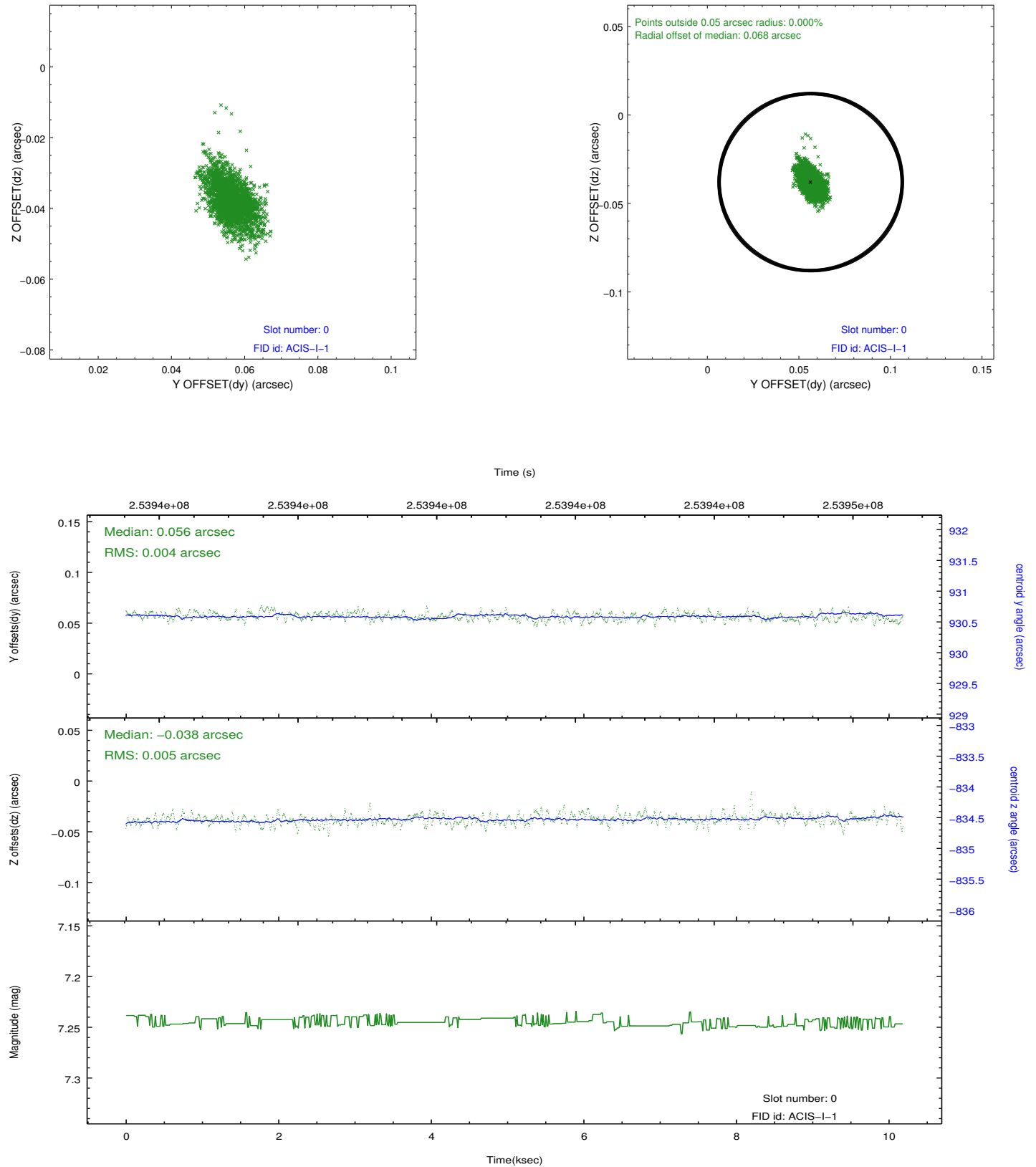


2.4.5 Slot 7

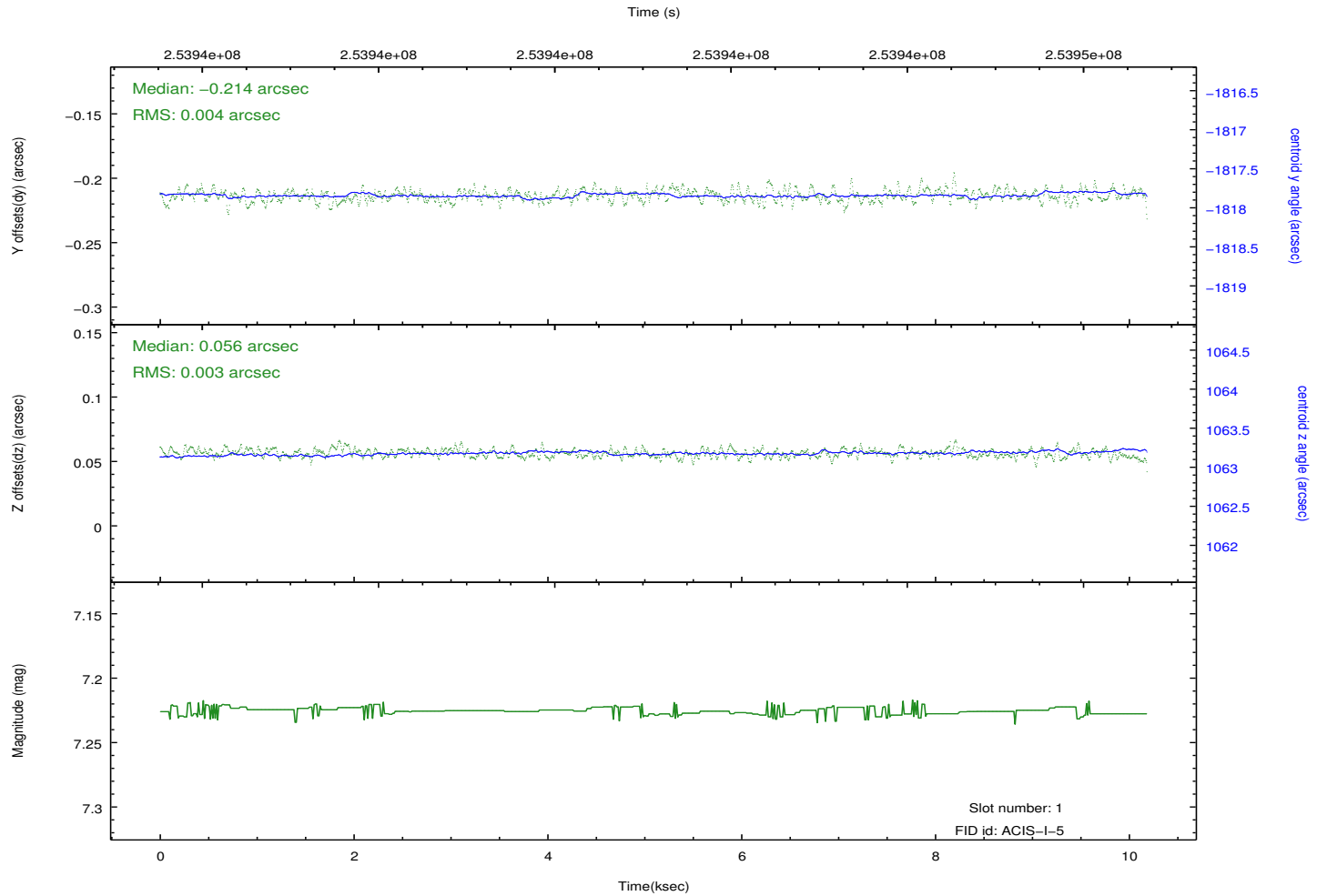
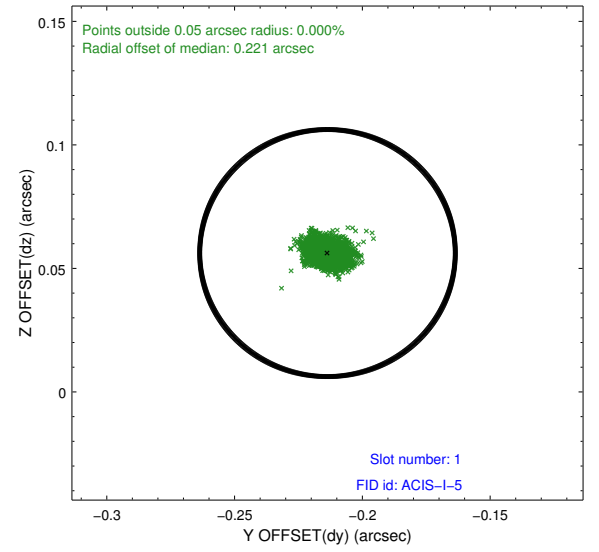
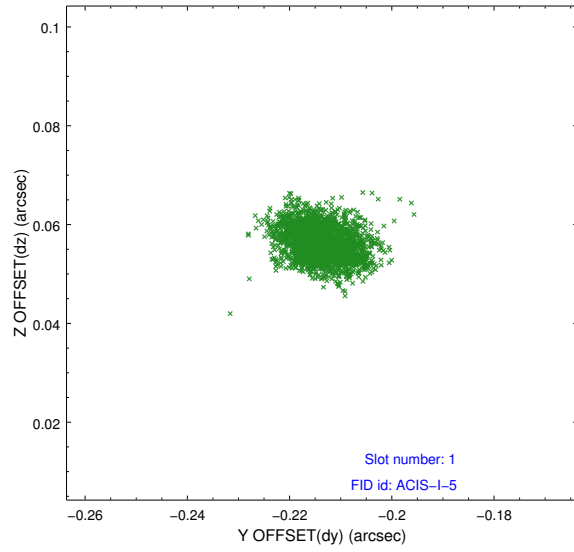


2.5 FID Slots

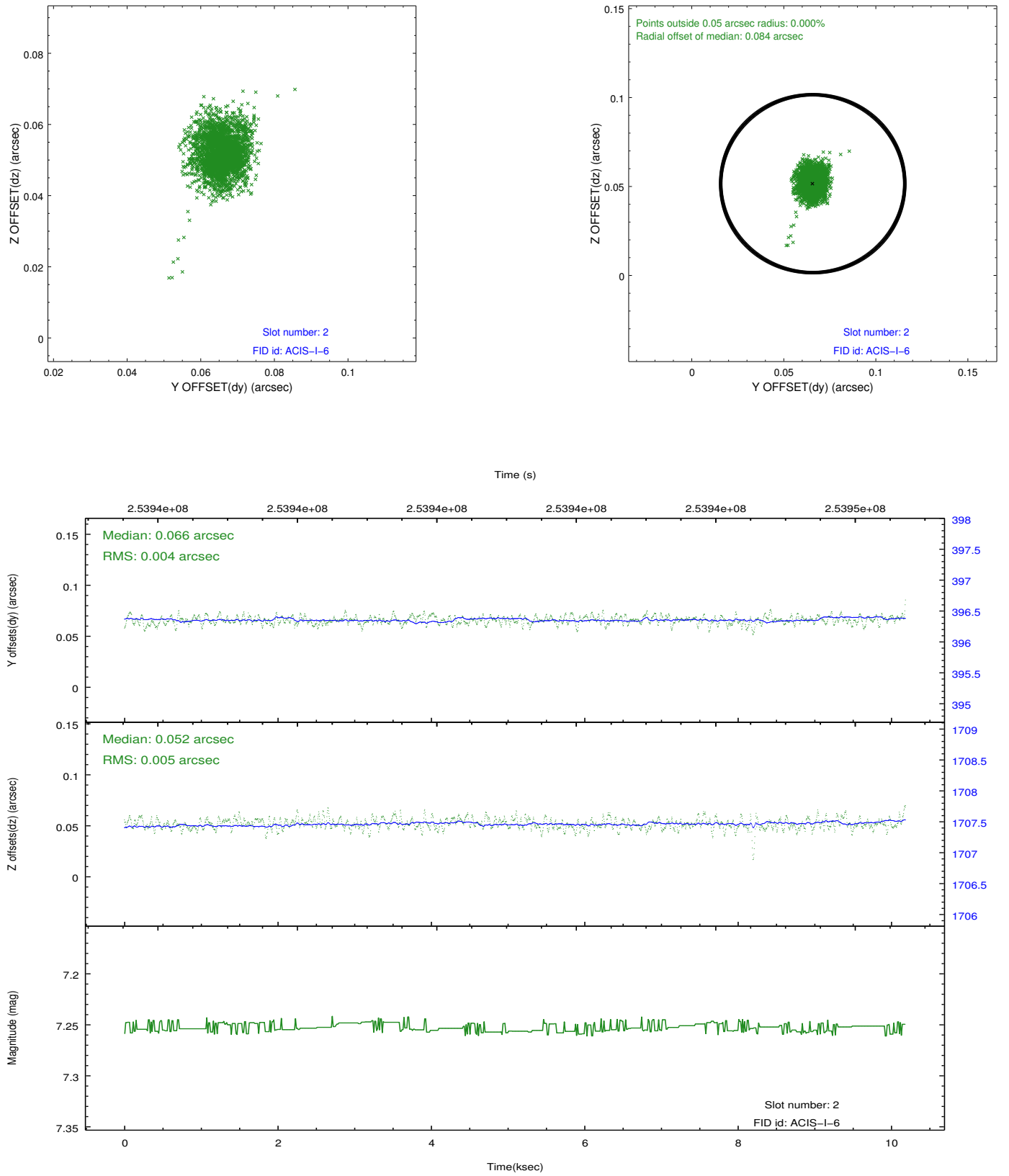
2.5.1 Slot 0



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)	2012.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.0749179

A.2 Comments