

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13337 - L2 Version 1
Chandra X-Ray Center

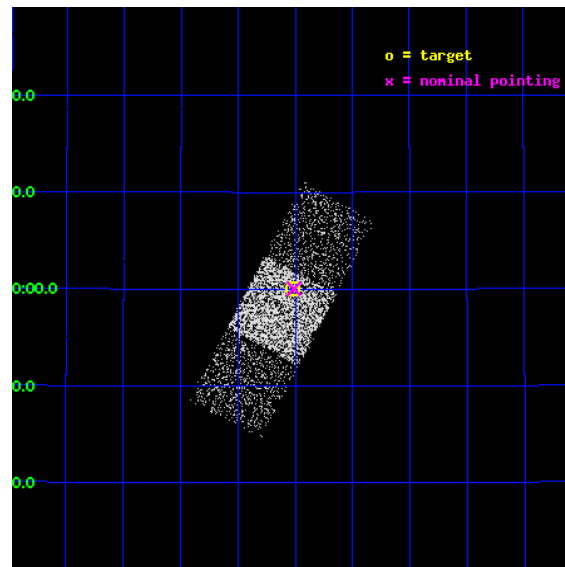
L2 Processing Date : Mar 24 2012

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1 Front

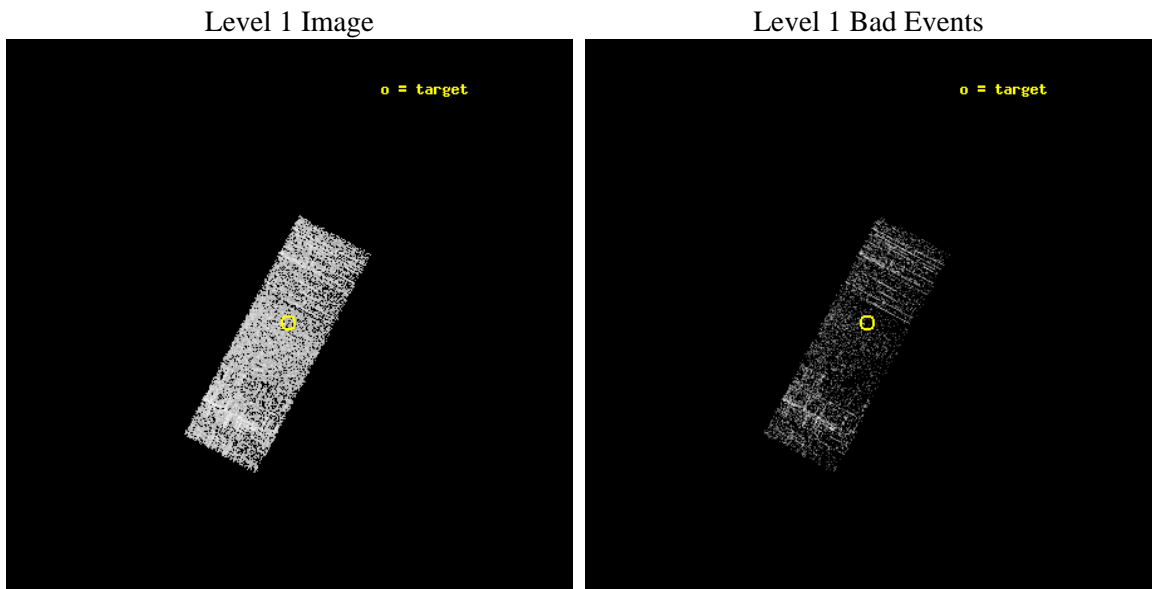
seq_num	702544	Sequence number
obs_id	13337	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	SDSS J1532+3700	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	233.006667	Observer's specified target RA [deg]
dec_targ	37.000667	Observer's specified target Dec [deg]
ra_nom	233.00284159494	Nominal RA [deg]
dec_nom	37.000474433466	Nominal Dec [deg]
roll_nom	117.97980003654	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1577.9000121355	Sum of GTIs [s]
livetime	1557.2835868439	Livetime [s]
ontime6	1577.9000121355	Sum of GTIs [s]
ontime7	1577.9000121355	Sum of GTIs [s]
ontime8	1577.9000121355	Sum of GTIs [s]
l2events	6077	Number of level 2 events



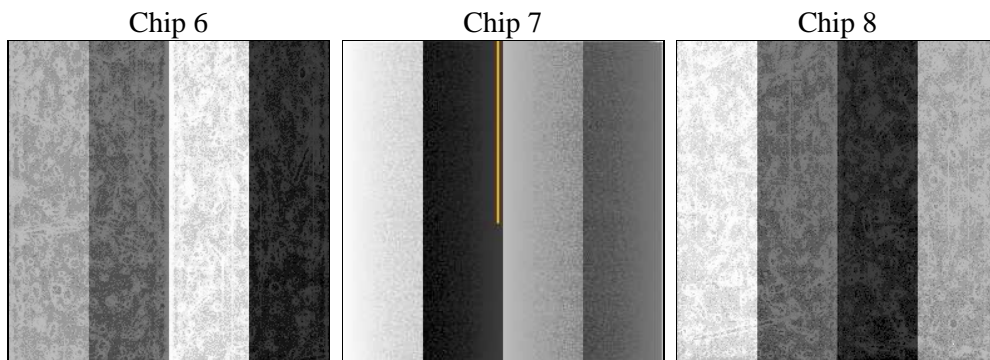
2 OBI

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	8.4.3	Processing system revision	ontime	1577.9000121355	Sum of GTIs [s]
caldbver	4.4.8	 	ontime6	1577.9000121355	Sum of GTIs [s]
date	2012-03-24T06:32:20	Date and time of file creation	ontime7	1577.9000121355	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1577.9000121355	Sum of GTIs [s]
			l1events	29134	Number of level 1 events

2.1.4 Events

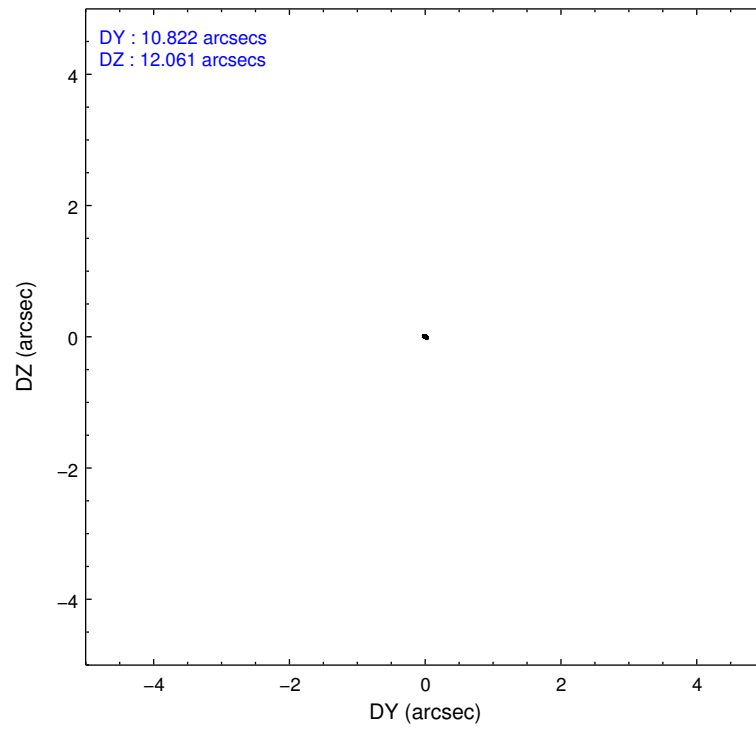
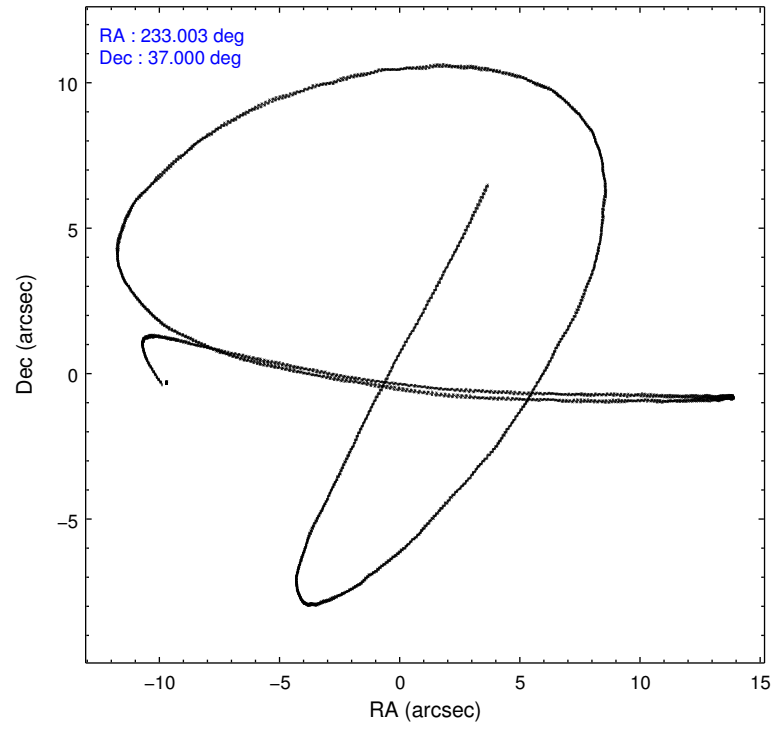
	ccd 6	ccd 7	ccd 8
level 1 events	8854	9323	10957
rejected events	7881	4867	8310
rejected %	89%	52%	75%

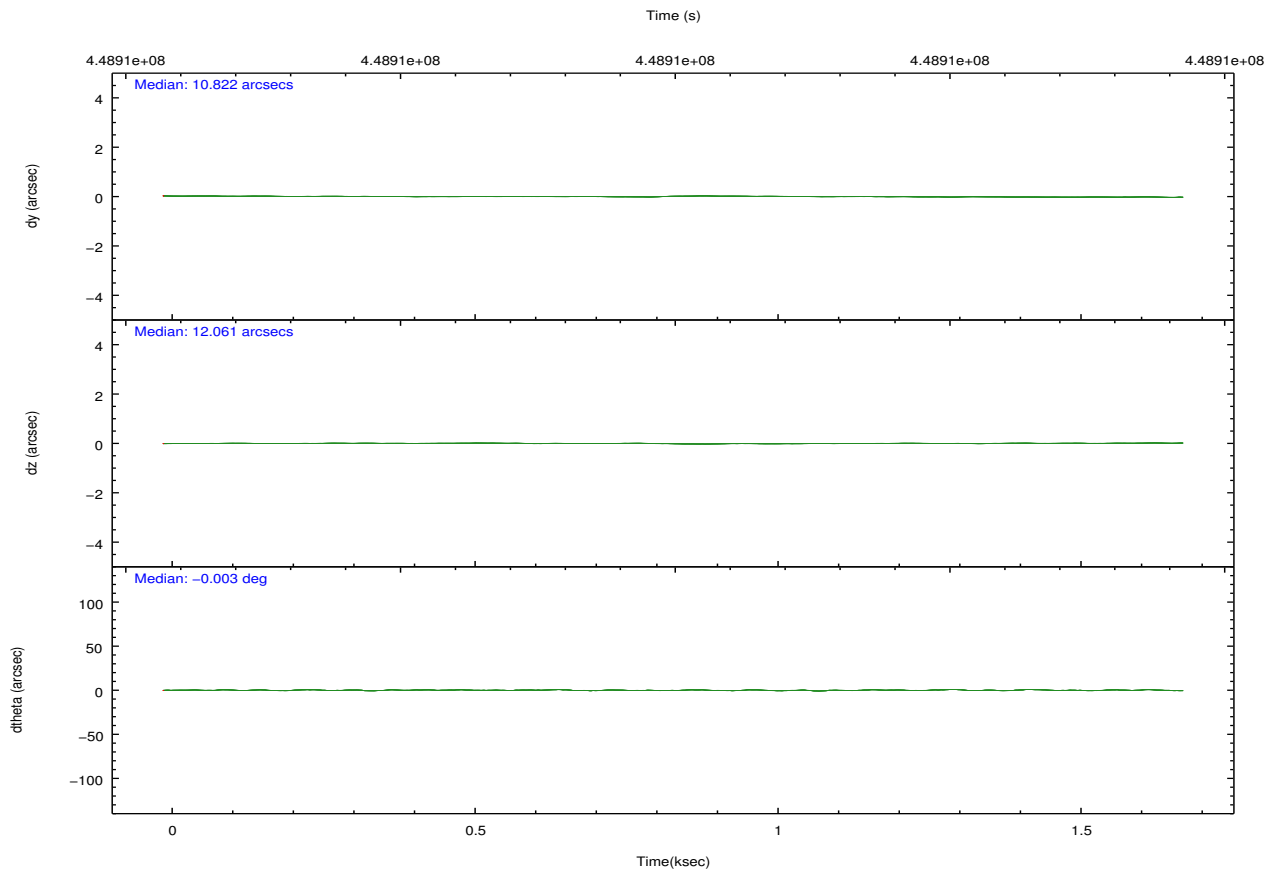
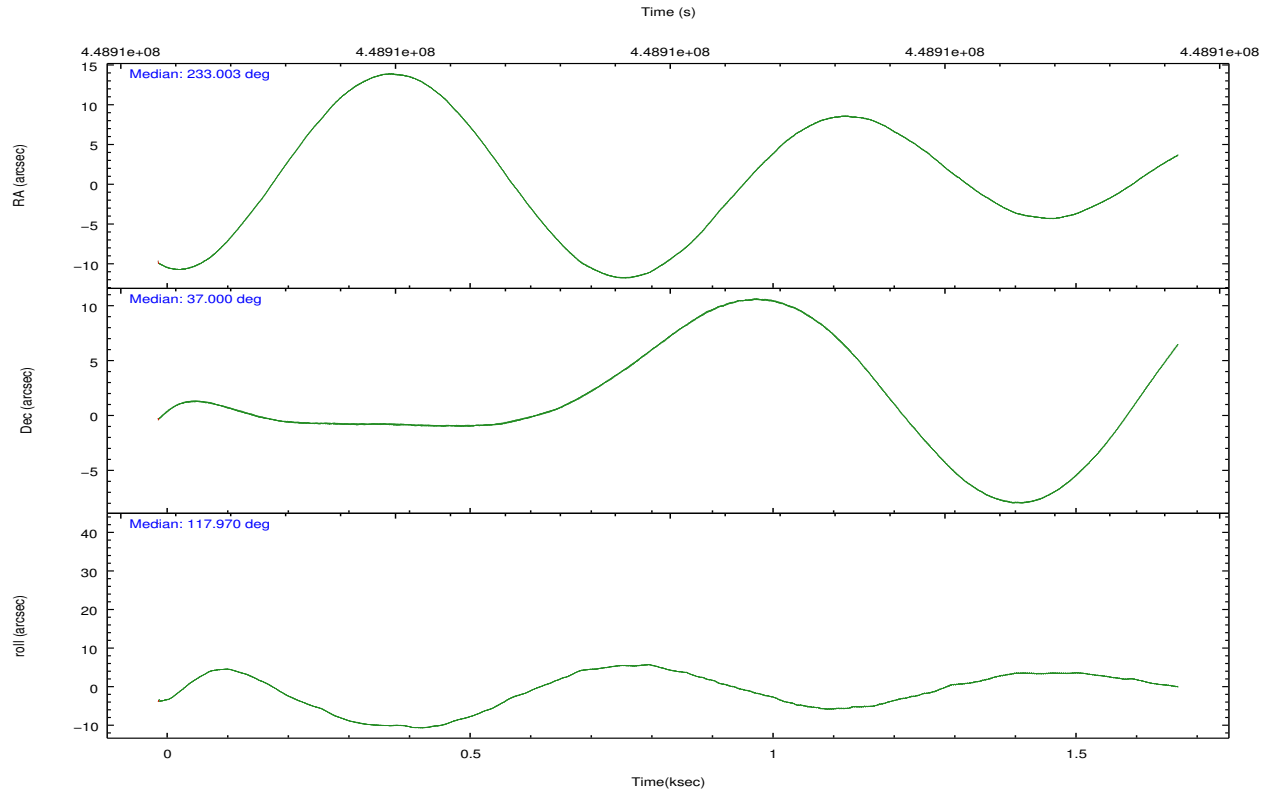
	ccd 6	ccd 7	ccd 8
grade 0 events	346	443	714
	3%	4%	6%
grade 1 events	5	16	7
	0%	0%	0%
grade 2 events	219	940	707
	2%	10%	6%
grade 3 events	108	355	223
	1%	3%	2%
grade 4 events	100	378	227
	1%	4%	2%
grade 5 events	356	916	555
	4%	9%	5%
grade 6 events	202	2349	787
	2%	25%	7%
grade 7 events	7518	3926	7737
	84%	42%	70%

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	233.032151	233.0028415949448	Subarray requested	NONE	NONE
[deg] Pointing Dec	36.986728	37.00047443346598	Alternating exposures requested	N	N
[deg] Pointing Roll	117.805580	117.9798000365431	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	448909833.184000	448909010.21154			
Observation start date	2012-03-23T17:09:27	2012-03-23T16:56:50			
[s] Observation end time (MET)	448911333.184000	448912184.63671			
Observation end date	2012-03-23T17:34:27	2012-03-23T17:49:44			
Read mode	TIMED	TIMED			

2.3 Aspect



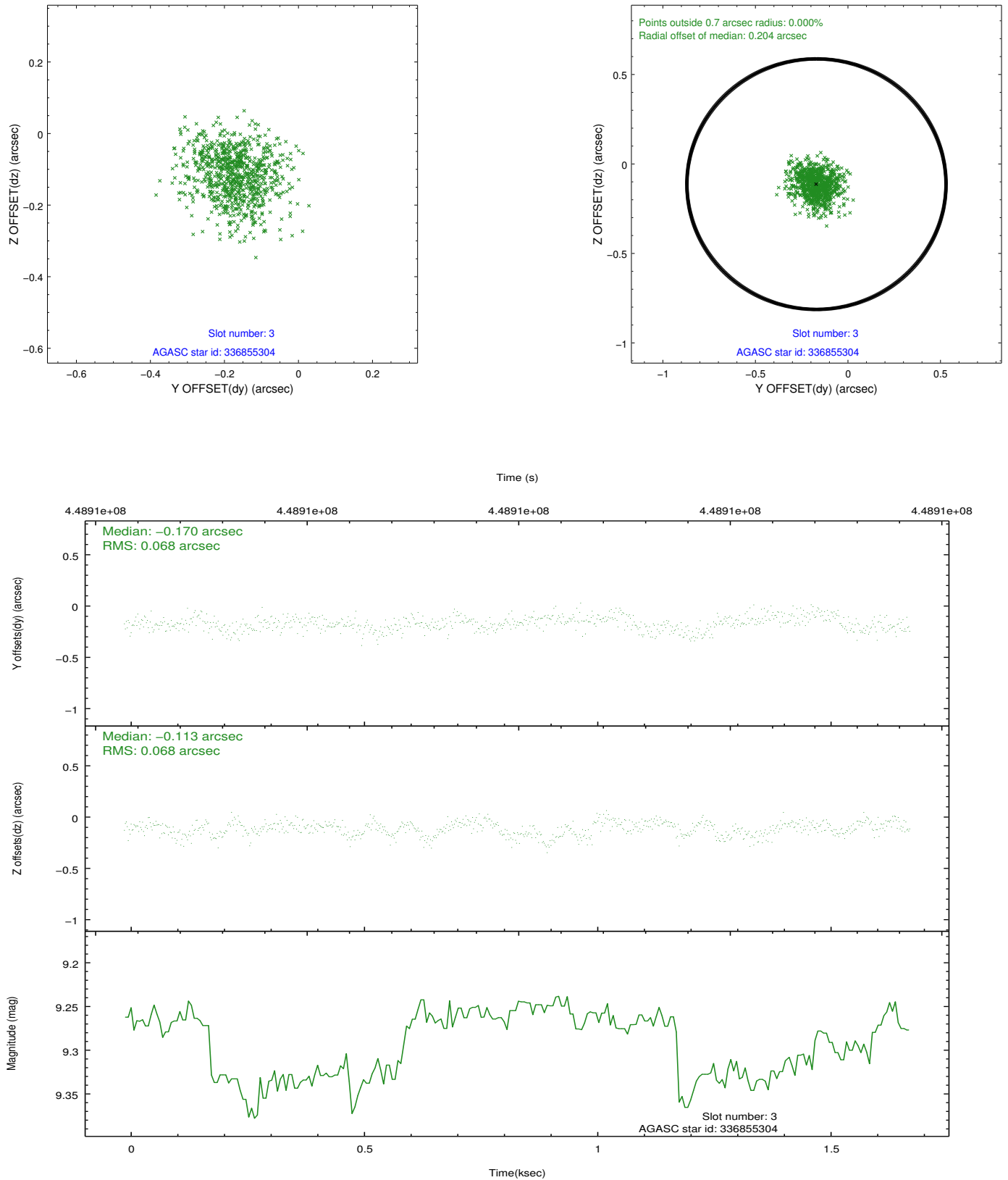


Slot Statistics

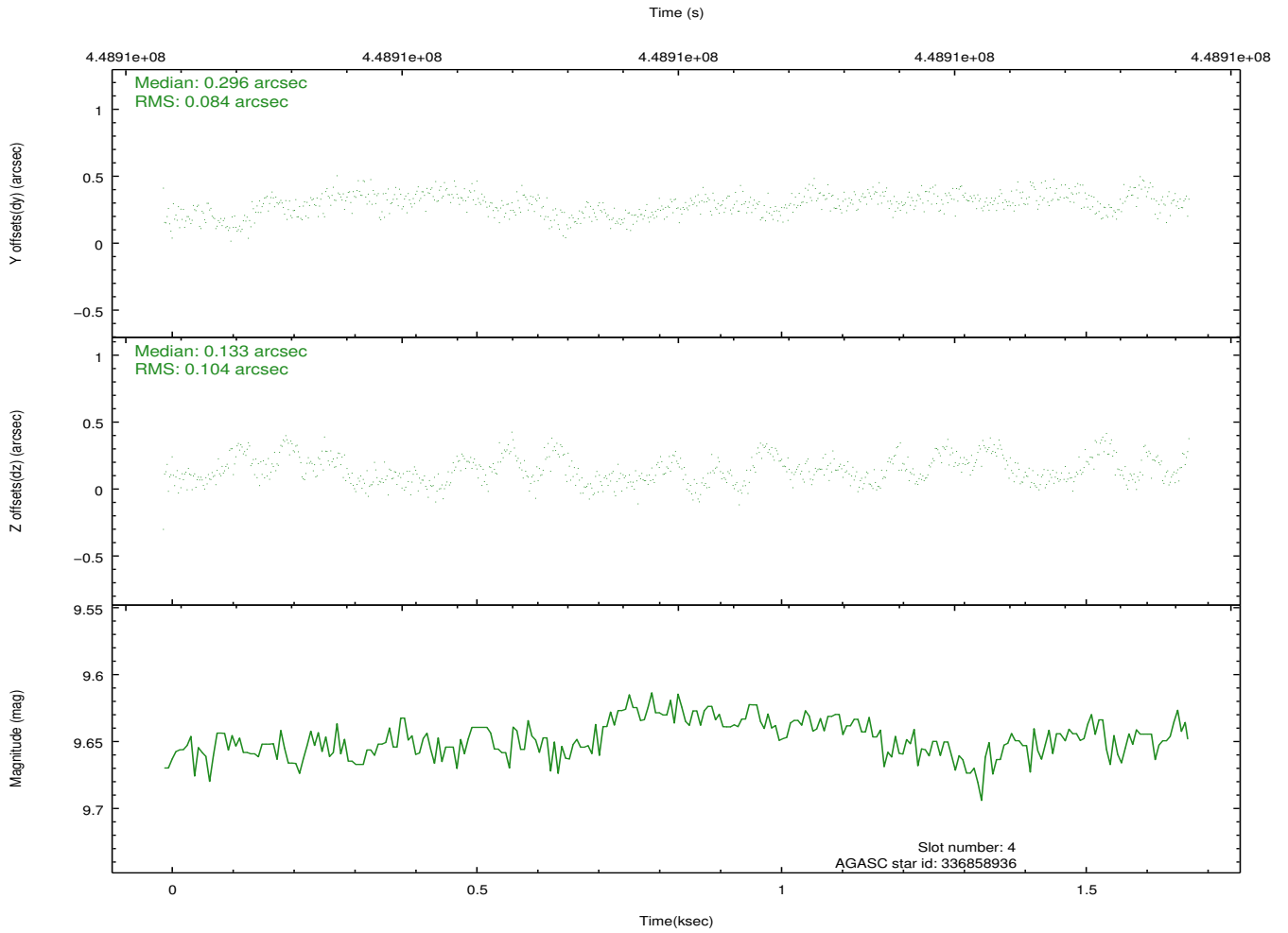
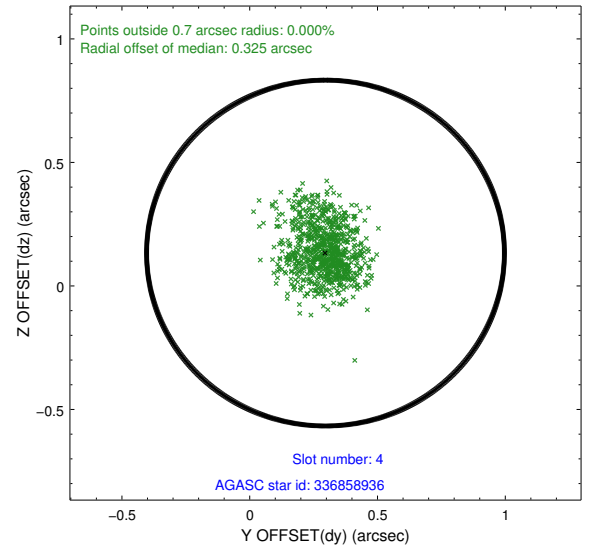
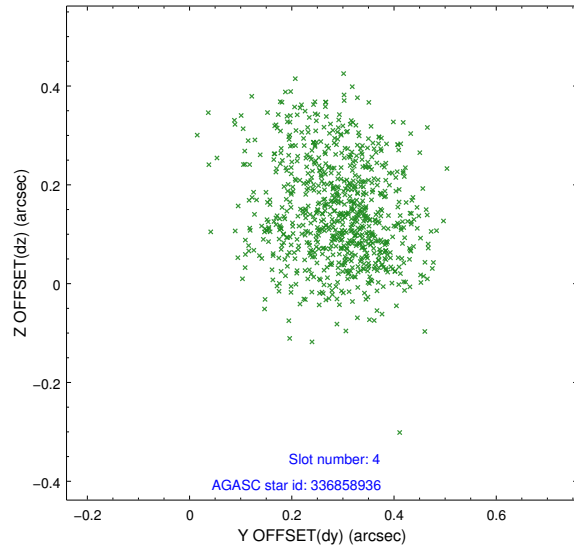
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.03	411	-0.069	-0.043	0.006	0.011	0.000000	0.000000	-763.76	-1733.34
1	FID	ACIS-S-4	7.12	411	0.210	0.045	0.005	0.010	0.000000	0.000000	2148.02	171.14
2	FID	ACIS-S-5	7.16	411	-0.171	0.007	0.006	0.011	0.000000	0.000000	-1811.66	169.27
3	GUIDE	336855304	9.28	821	-0.170	-0.113	0.103	0.171	232.860196	37.229546	1004.93	27.37
4	GUIDE	336858936	9.65	821	0.296	0.133	0.144	0.230	233.787398	36.862189	-1400.30	-1719.83
5	GUIDE	336867192	6.36	822	0.032	-0.032	0.166	0.217	232.615869	36.804553	-17.62	1363.77
6	GUIDE	336867200	6.55	822	-0.028	0.009	0.083	0.147	232.842935	36.616594	-922.02	1105.96
7	GUIDE	400047480	9.76	821	-0.128	0.026	0.195	0.293	233.210995	37.661385	1911.68	-1582.88

2.4 Star Slots

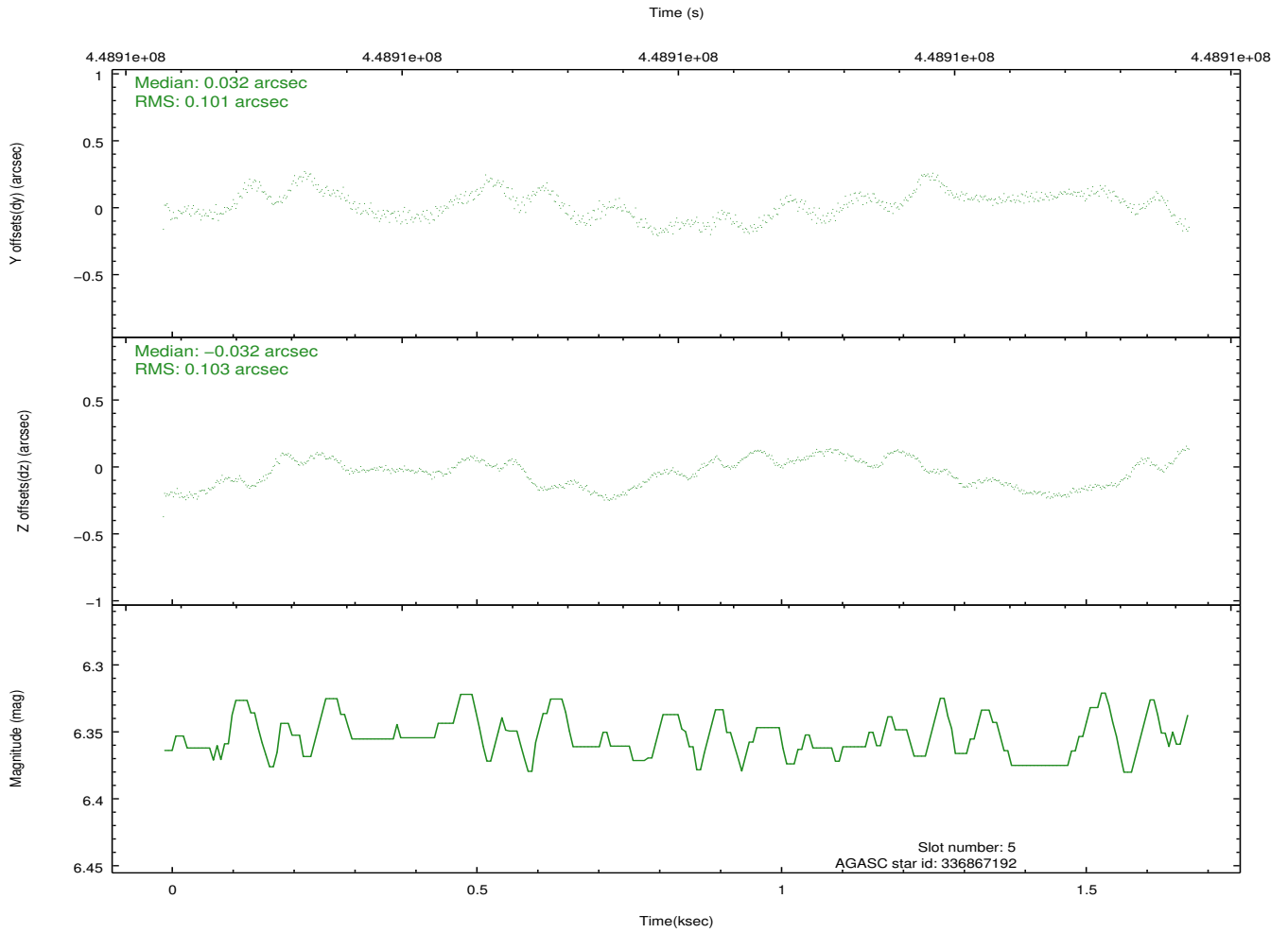
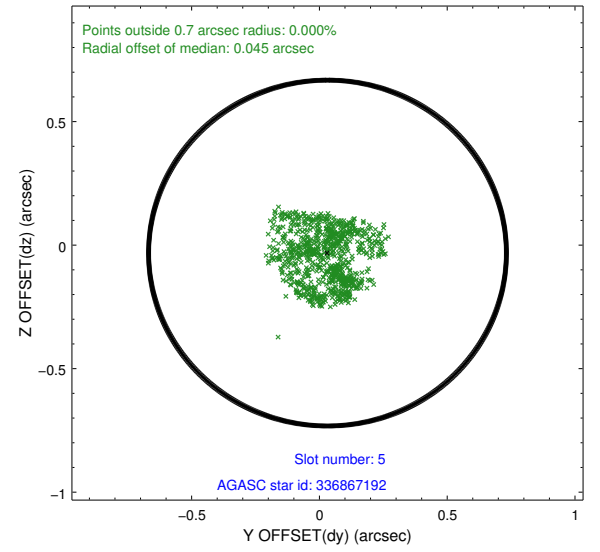
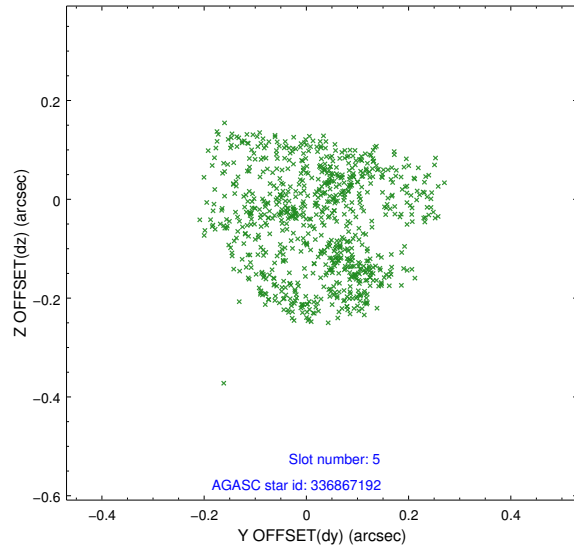
2.4.1 Slot 3



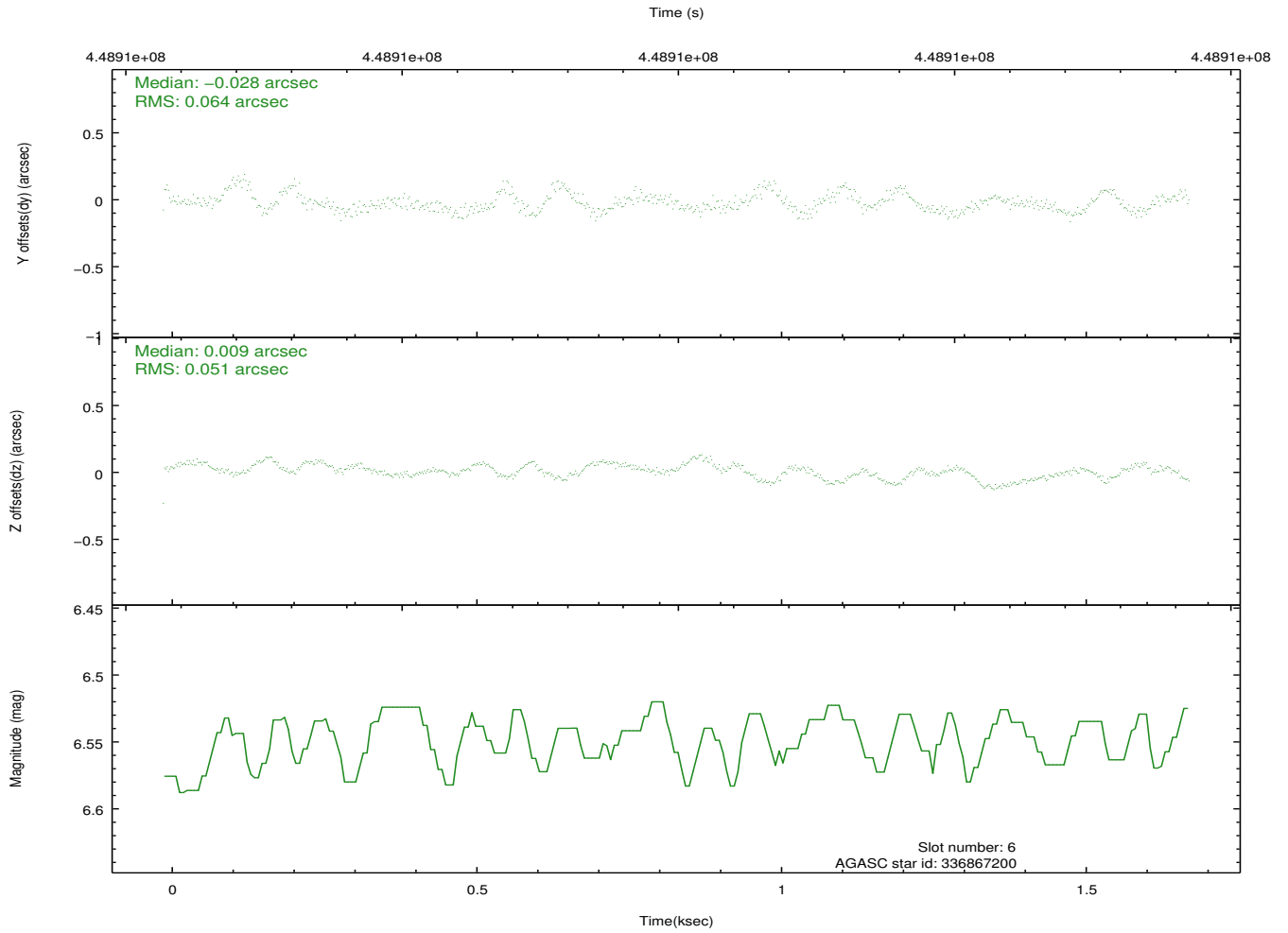
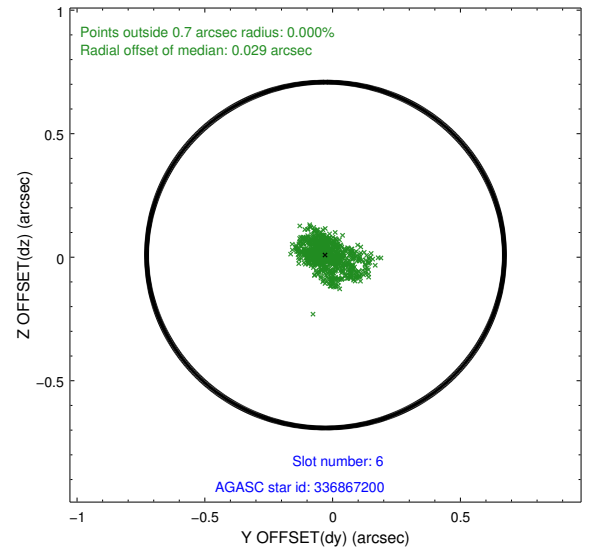
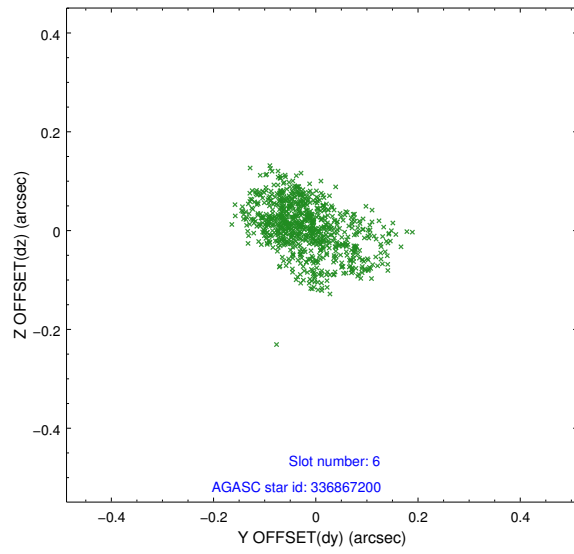
2.4.2 Slot 4



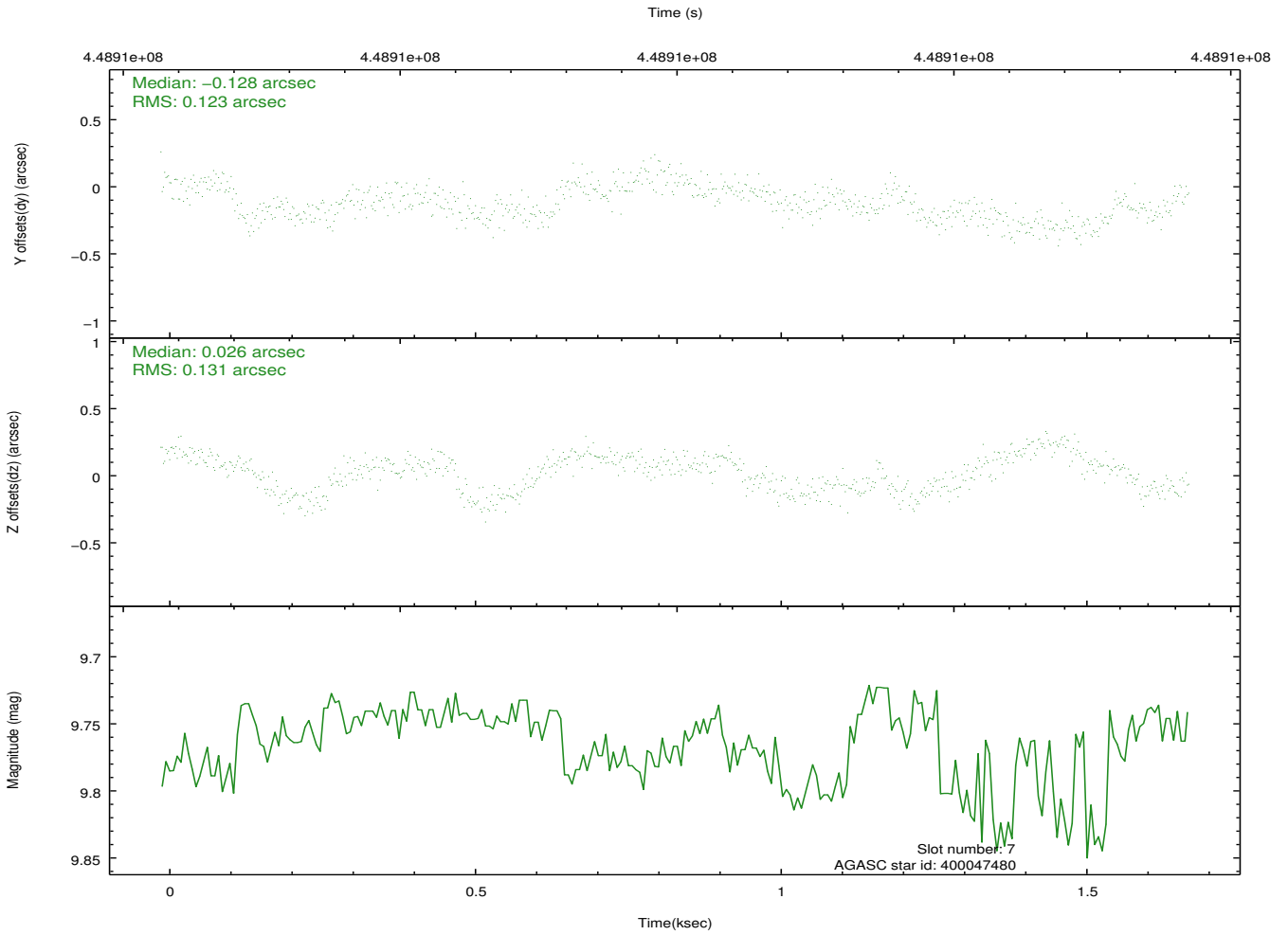
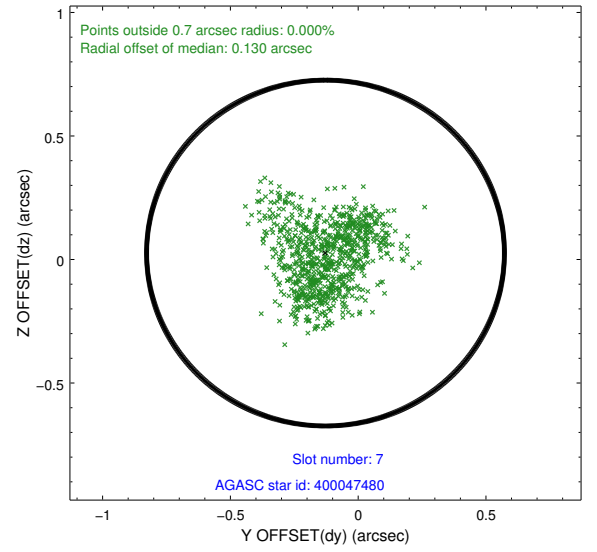
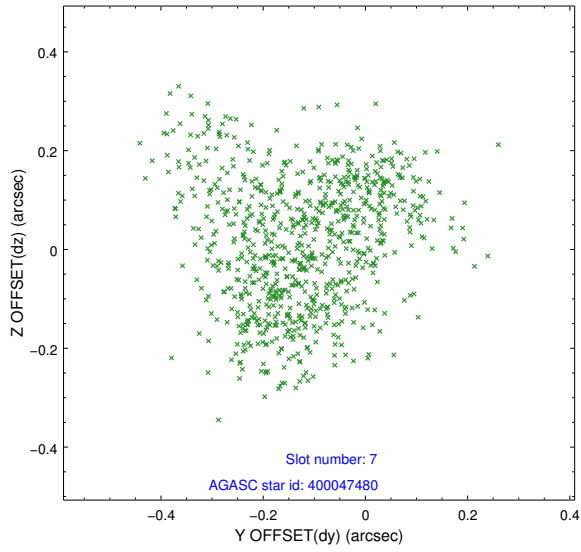
2.4.3 Slot 5



2.4.4 Slot 6

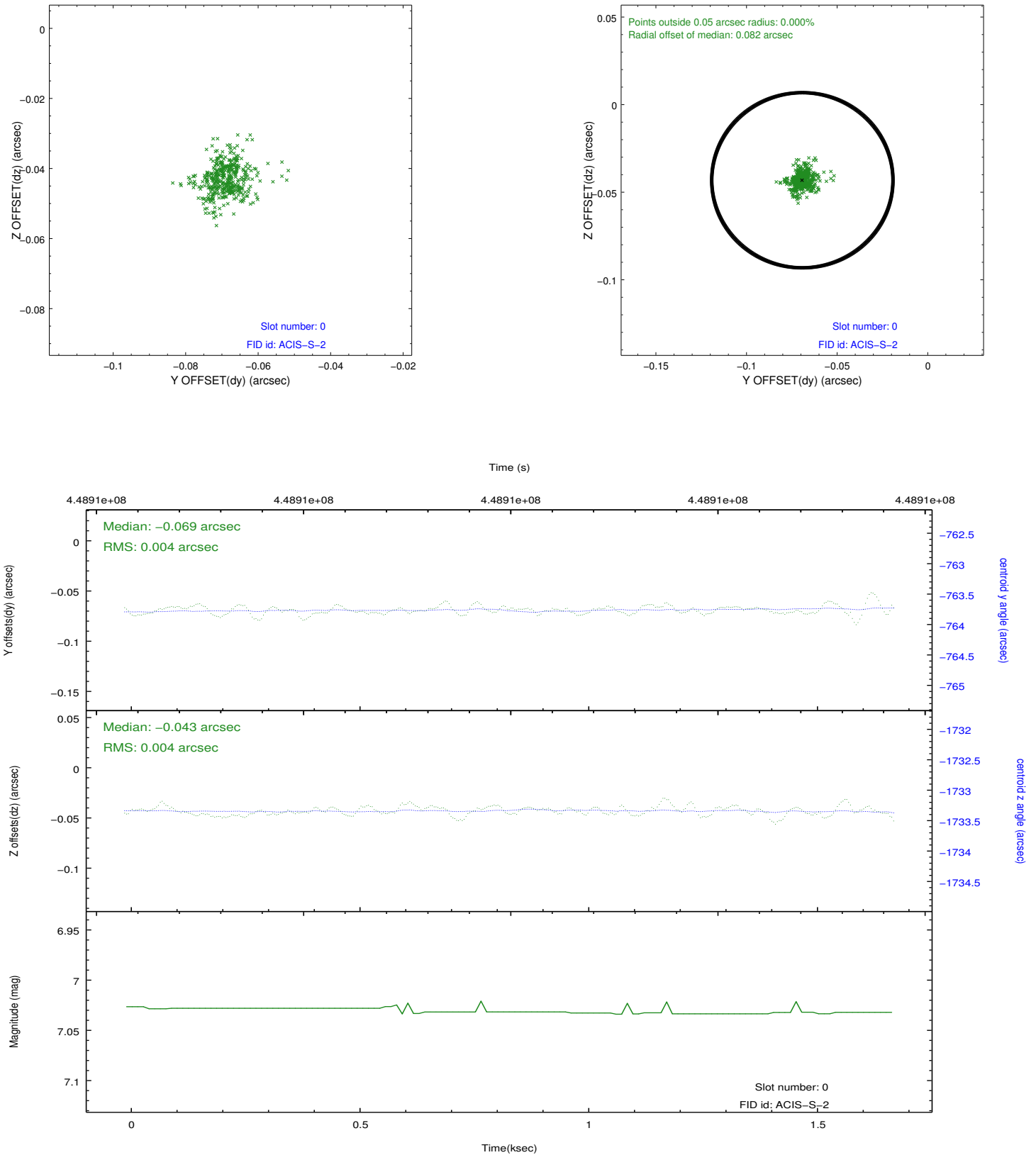


2.4.5 Slot 7

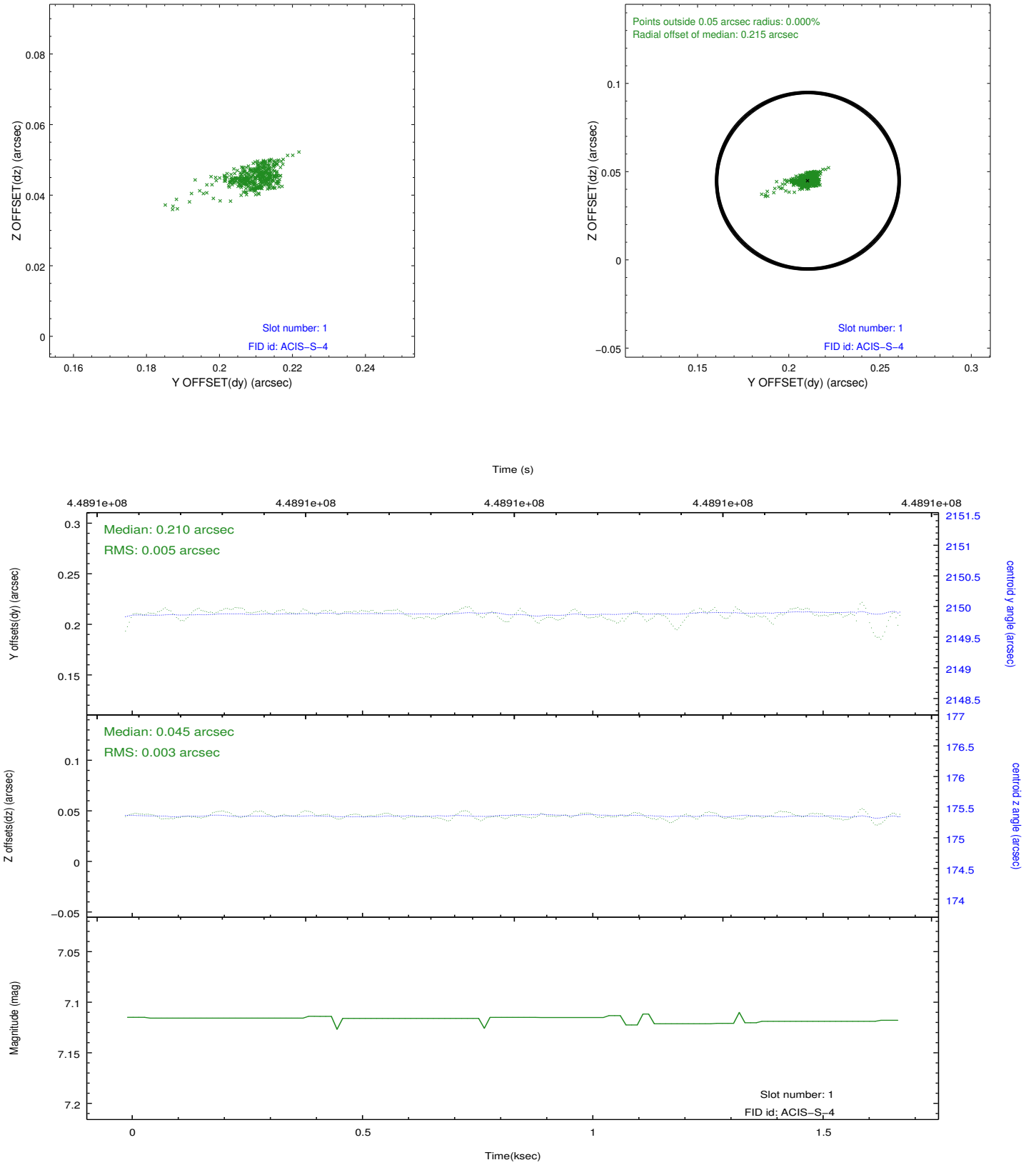


2.5 FID Slots

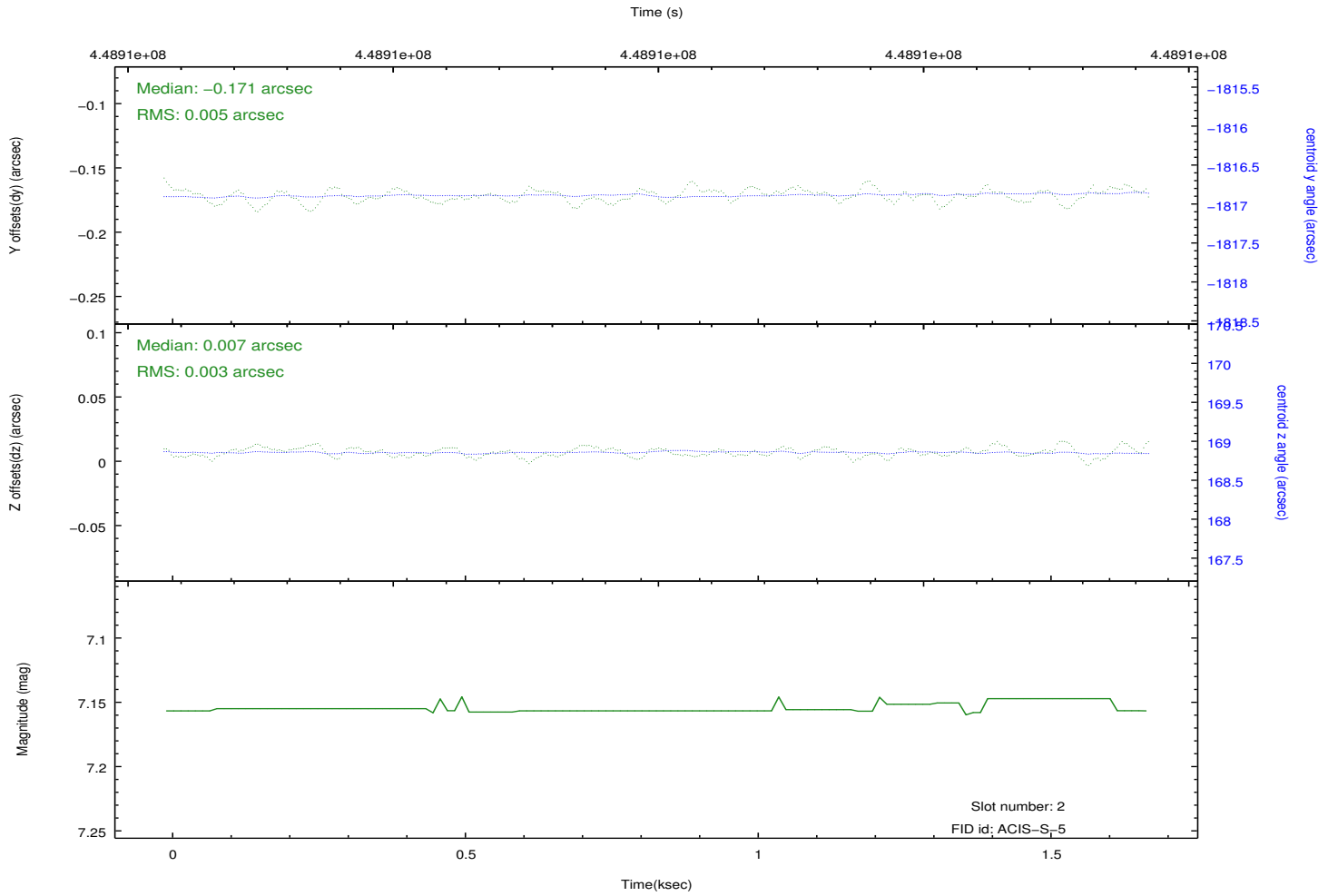
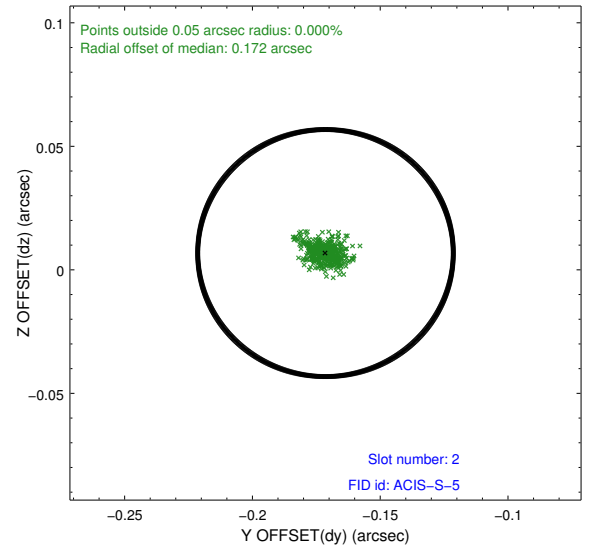
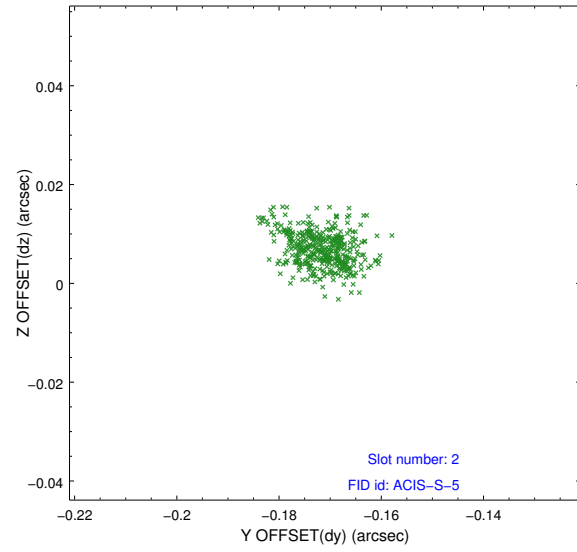
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5779000121355

A.2 Comments