

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6426 - L2 Version 2
Chandra X-Ray Center

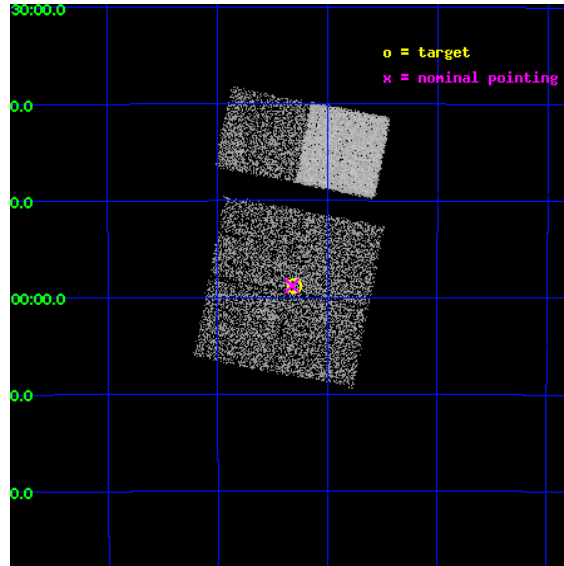
L2 Processing Date : Mar 30 2012

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1 Front

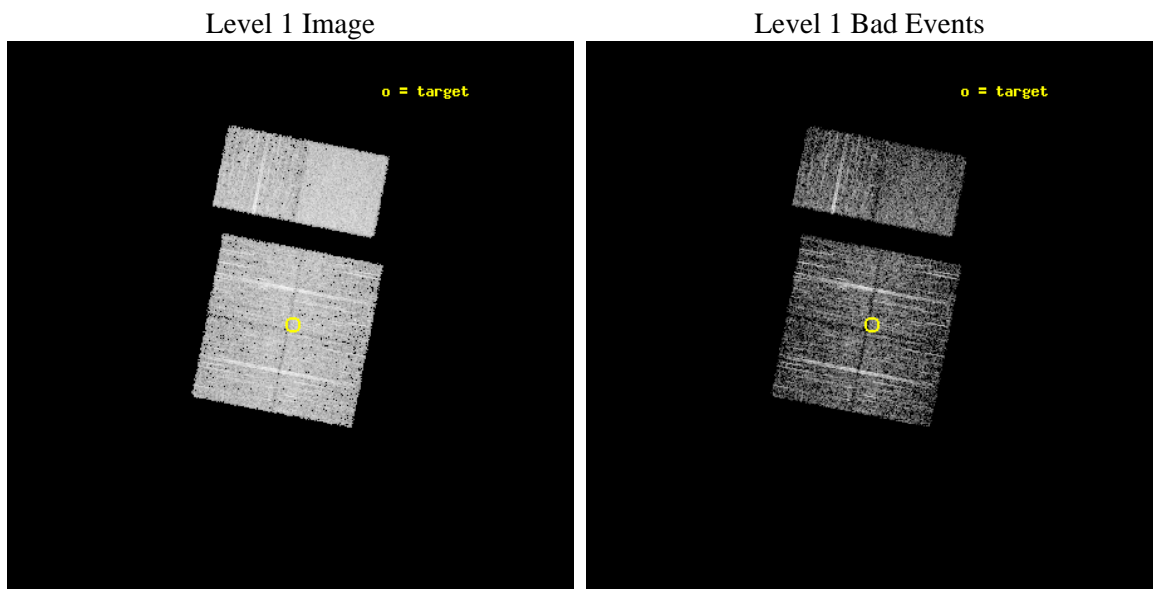
seq_num	200400	Sequence number
obs_id	6426	Observation id
title	Young Stars and Protoplanetary Disks in The Rich Cometary Globule CG 12	Proposal title
observer	Dr. Konstantin Getman	Principal investigator
object	CG 12	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	209.075	Observer's specified target RA [deg]
dec_targ	-39.979167	Observer's specified target Dec [deg]
ra_nom	209.08087913115	Nominal RA [deg]
dec_nom	-39.980017883737	Nominal Dec [deg]
roll_nom	11.05645243021	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3113.5999884009	Sum of GTIs [s]
livetime	3074.173710563	Livetime [s]
ontime0	3110.3590180874	Sum of GTIs [s]
ontime1	3113.5999884009	Sum of GTIs [s]
ontime2	3113.5999884009	Sum of GTIs [s]
ontime3	3113.5999884009	Sum of GTIs [s]
ontime6	3113.5999884009	Sum of GTIs [s]
ontime7	3113.5999884009	Sum of GTIs [s]
l2events	29881	Number of level 2 events



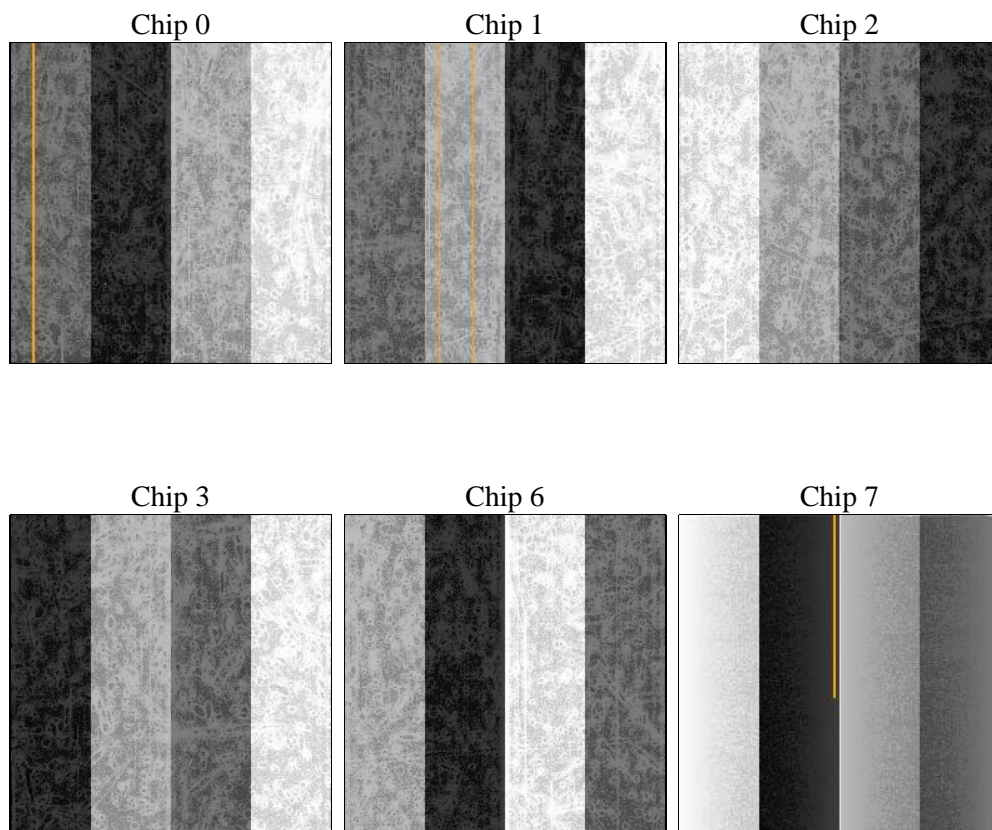
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3113.5999884009	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	3110.3590180874	Sum of GTIs [s]
date	2012-03-30T04:55:25	Date and time of file creation	ontime1	3113.5999884009	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3113.5999884009	Sum of GTIs [s]
			ontime3	3113.5999884009	Sum of GTIs [s]
			ontime6	3113.5999884009	Sum of GTIs [s]
			ontime7	3113.5999884009	Sum of GTIs [s]
			l1events	188460	Number of level 1 events

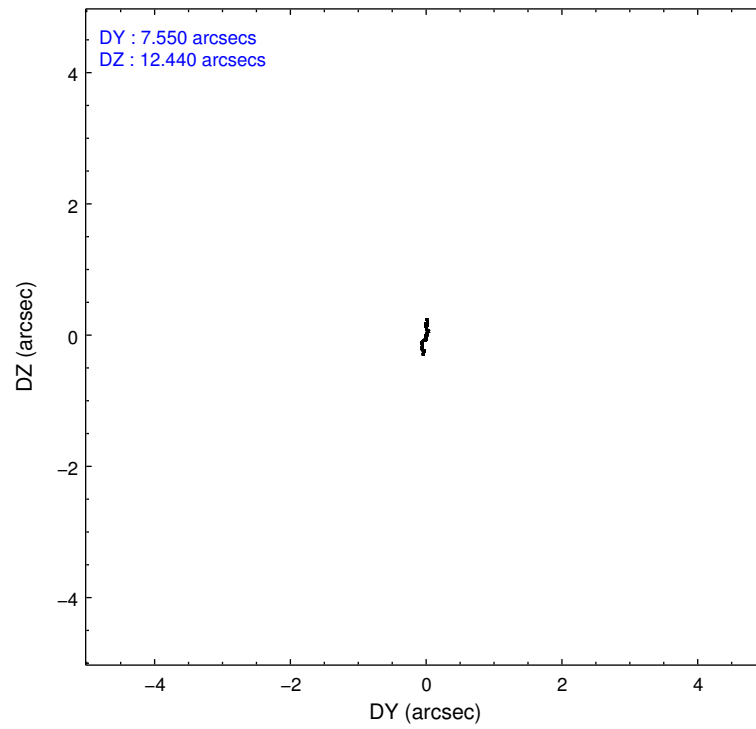
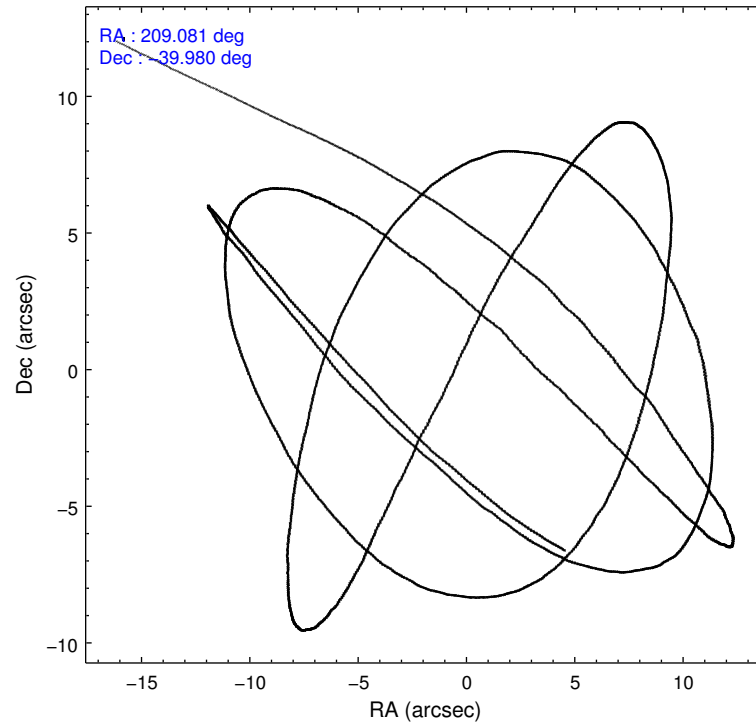
2.1.4 Events

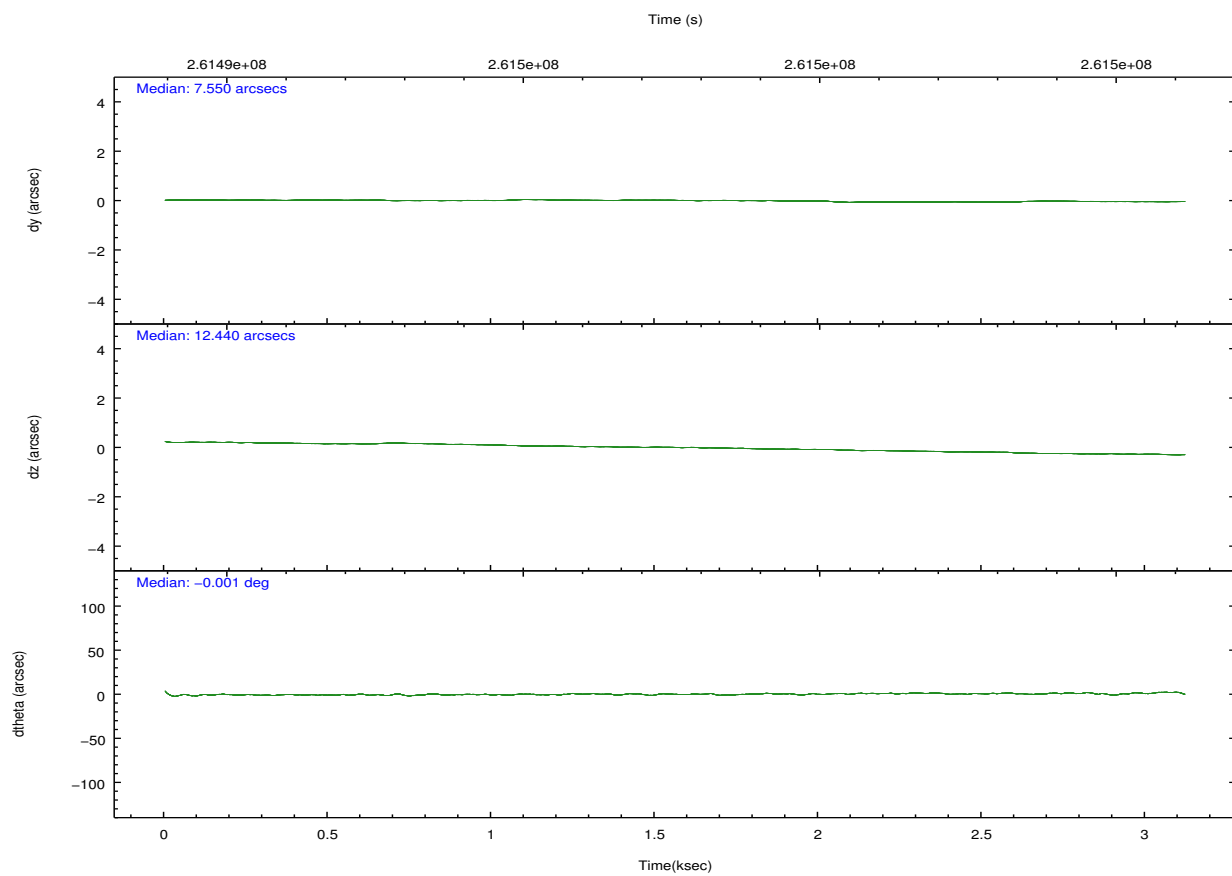
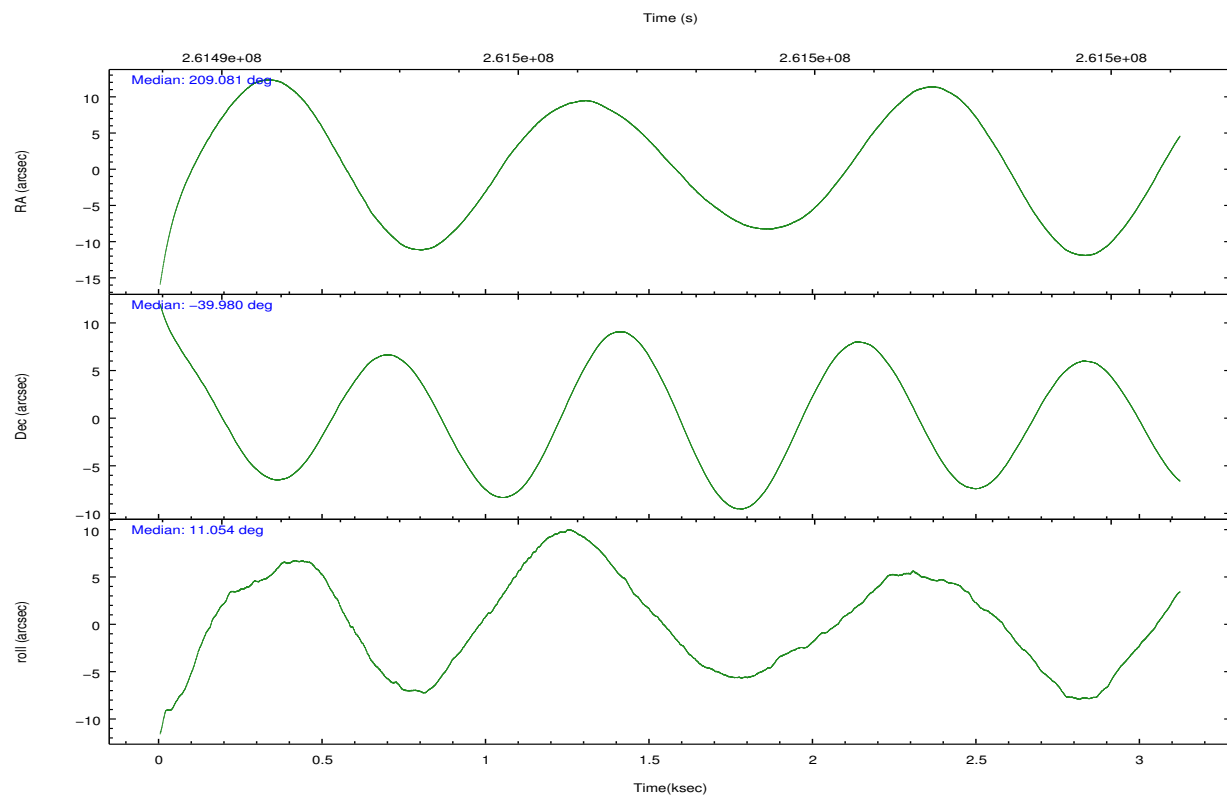
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	27377	28110	31129	29658	30874	41312	grade 0 events	1677	1516	1723	1662	1513	1658
rejected events	24012	24721	27790	26309	27512	25526		6%	5%	5%	5%	4%	4%
rejected %	87%	87%	89%	88%	89%	61%	grade 1 events	23	10	21	17	11	36
								0%	0%	0%	0%	0%	0%
							grade 2 events	780	811	827	726	797	3582
								2%	2%	2%	2%	2%	8%
							grade 3 events	345	370	328	358	359	1506
								1%	1%	1%	1%	1%	3%
							grade 4 events	329	364	339	337	351	1541
								1%	1%	1%	1%	1%	3%
							grade 5 events	1215	1265	1184	1380	1412	3953
								4%	4%	3%	4%	4%	9%
							grade 6 events	601	724	538	613	731	9305
								2%	2%	1%	2%	2%	22%
							grade 7 events	22407	23050	26169	24565	25700	19731
								81%	81%	84%	82%	83%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	209.054069	209.080879131149	Subarray requested	NONE	NONE
[deg] Pointing Dec	-39.998190	-39.98001788373656	Alternating exposures requested	N	N
[deg] Pointing Roll	10.830520	11.05645243021006	[s] Primary exposure time	0.000000	3.2
[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)	261494075.184000	261492860.29806			
Observation start date	2006-04-15T13:13:30	2006-04-15T12:54:20			
[s] Observation end time (MET)	261497075.184000	261498021.6858			
Observation end date	2006-04-15T14:03:30	2006-04-15T14:20:21			
Read mode	TIMED	TIMED			

2.3 Aspect



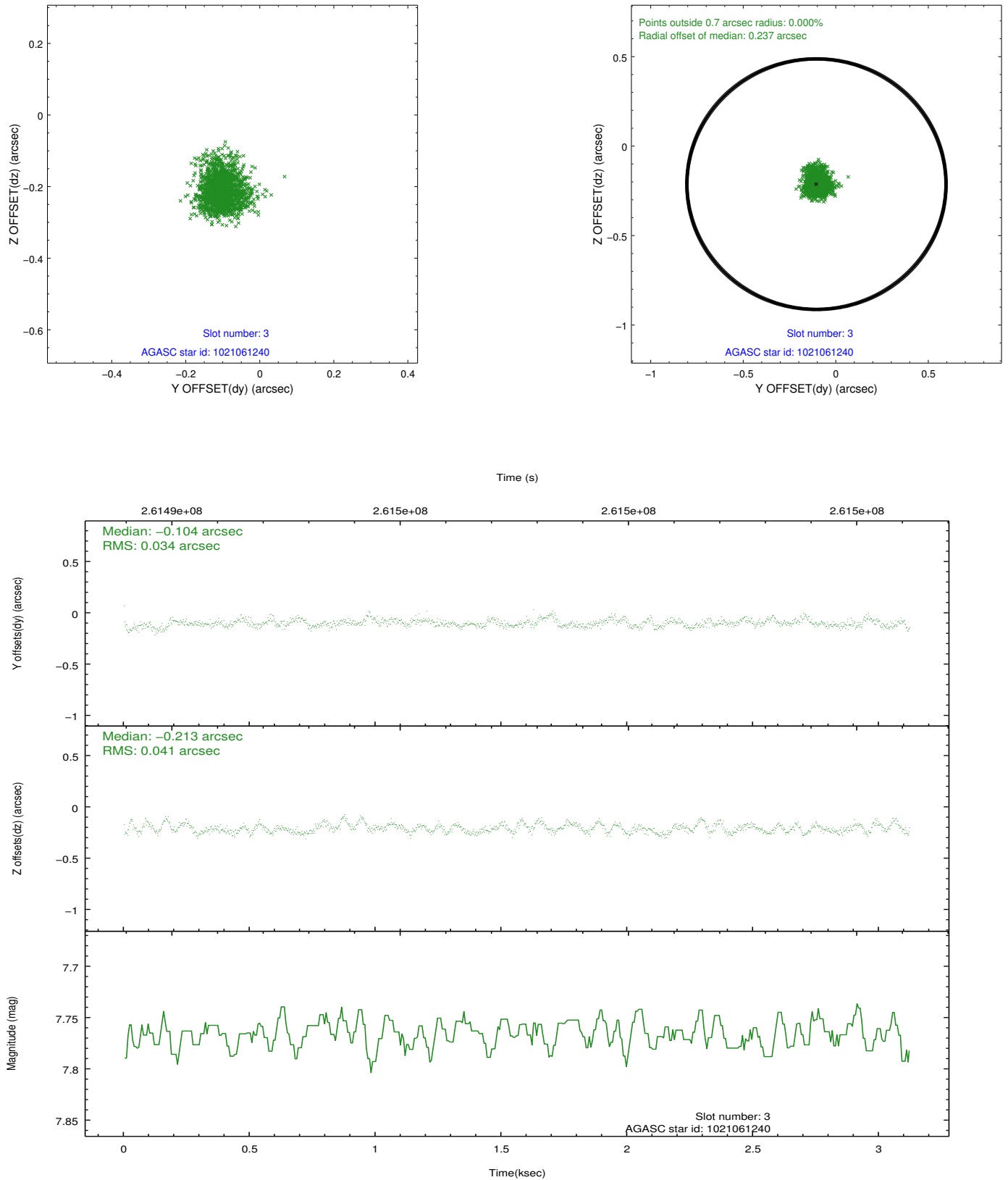


Slot Statistics

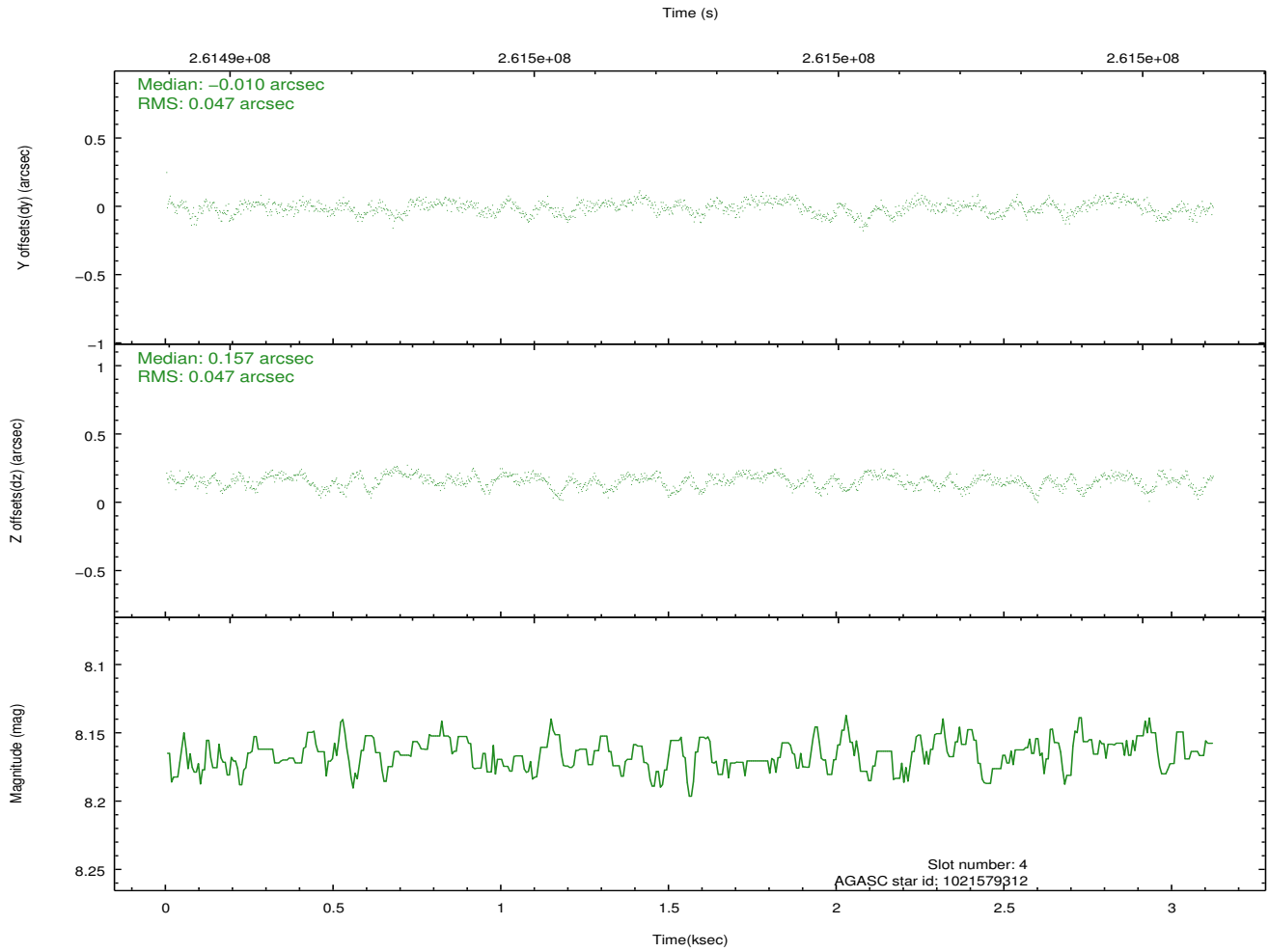
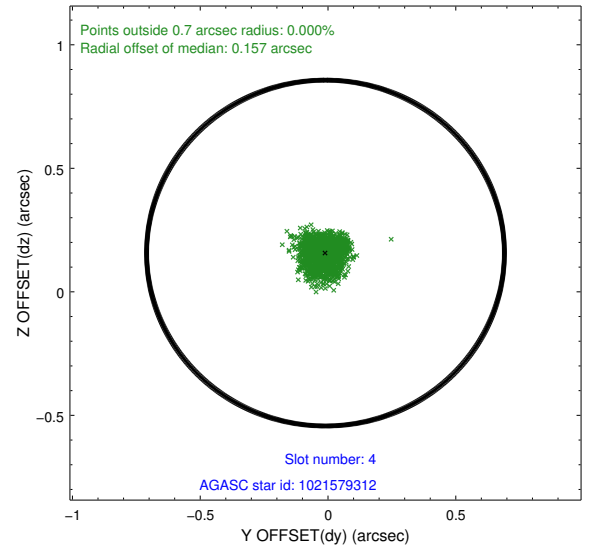
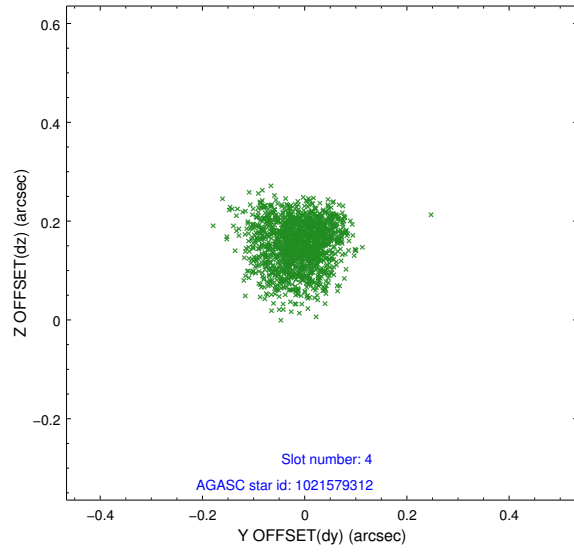
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	761	-0.018	-0.021	0.008	0.014	0.000000	0.000000	932.09	-836.00
1	FID	ACIS-I-4	7.20	761	0.148	0.047	0.007	0.013	0.000000	0.000000	2153.48	1062.83
2	FID	ACIS-I-5	7.22	761	-0.228	0.045	0.007	0.013	0.000000	0.000000	-1813.45	1063.09
3	GUIDE	1021061240	7.77	1523	-0.104	-0.213	0.056	0.095	209.442393	-39.334252	1510.72	2141.66
4	GUIDE	1021579312	8.17	1522	-0.010	0.157	0.073	0.110	209.813122	-40.124299	1966.30	-846.02
5	GUIDE	1021582624	9.30	1522	0.015	0.064	0.077	0.127	208.737379	-40.357143	-1094.62	-1108.30
6	GUIDE	1021592736	9.08	1522	-0.097	0.185	0.080	0.128	208.807007	-40.564031	-1046.92	-1875.58
7	GUIDE	1021581440	9.93	1522	0.191	-0.187	0.123	0.202	208.153899	-39.834088	-2335.67	1033.65

2.4 Star Slots

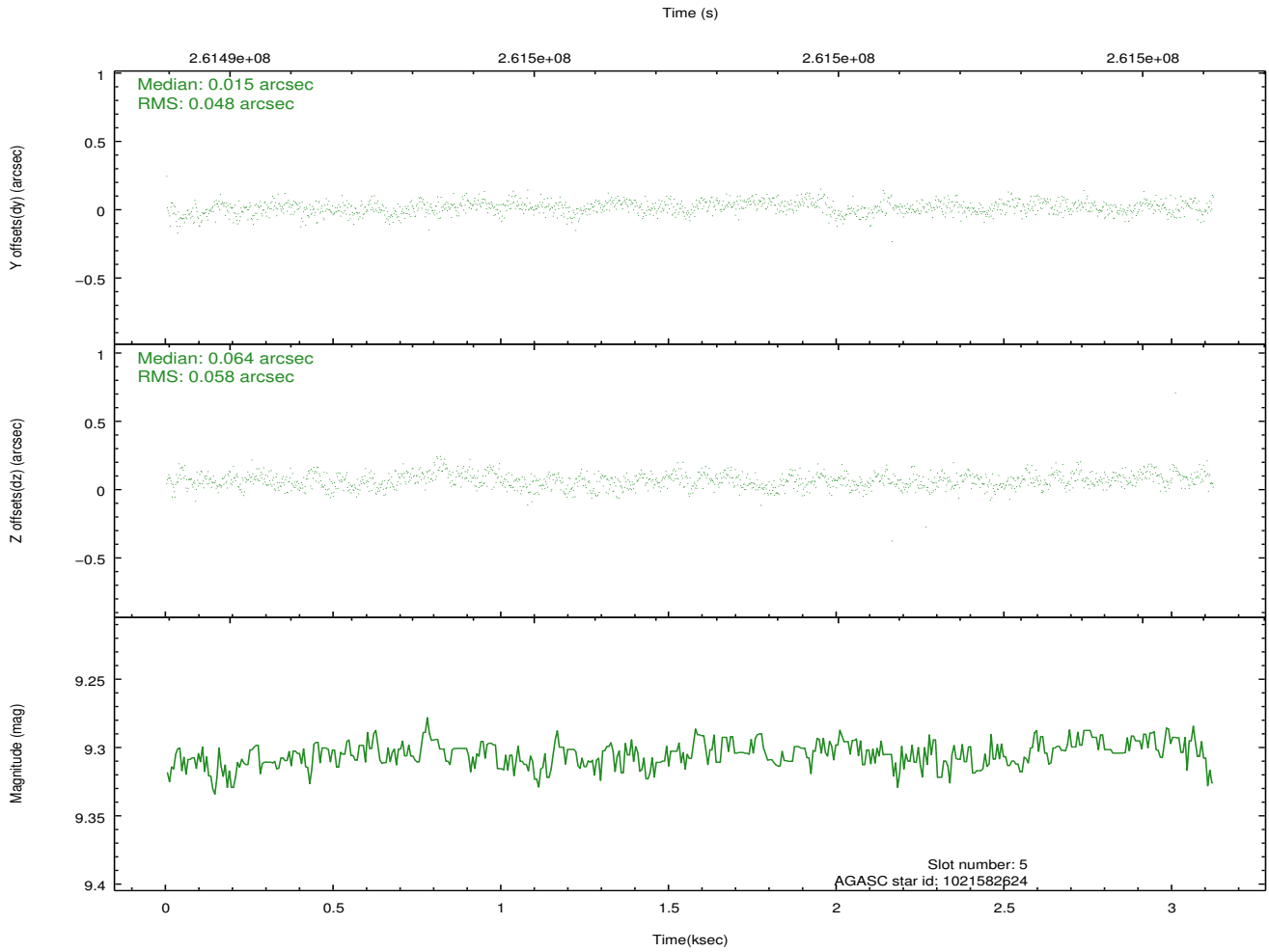
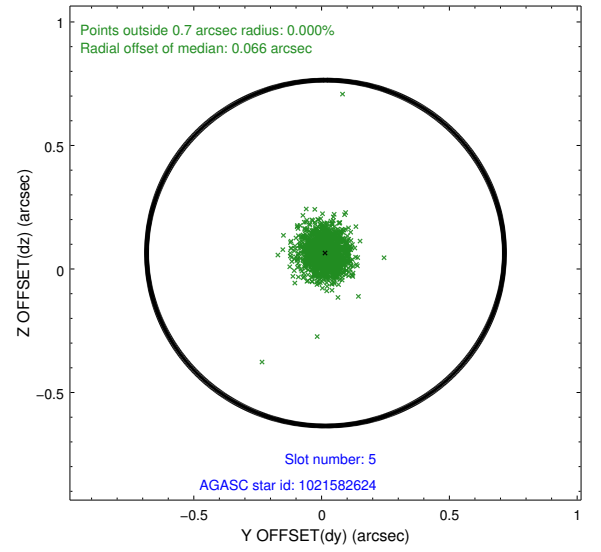
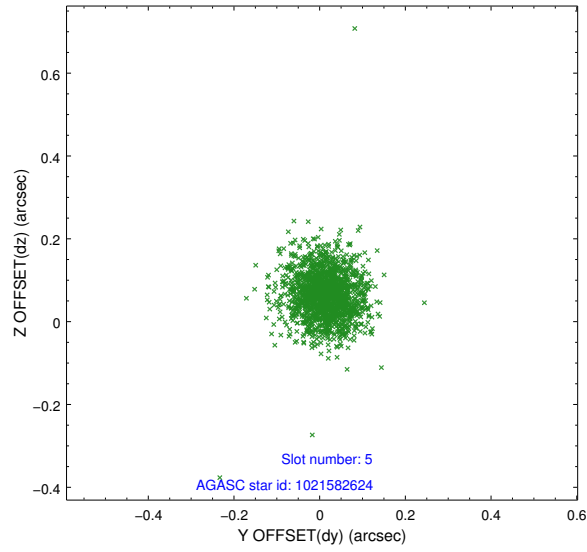
2.4.1 Slot 3



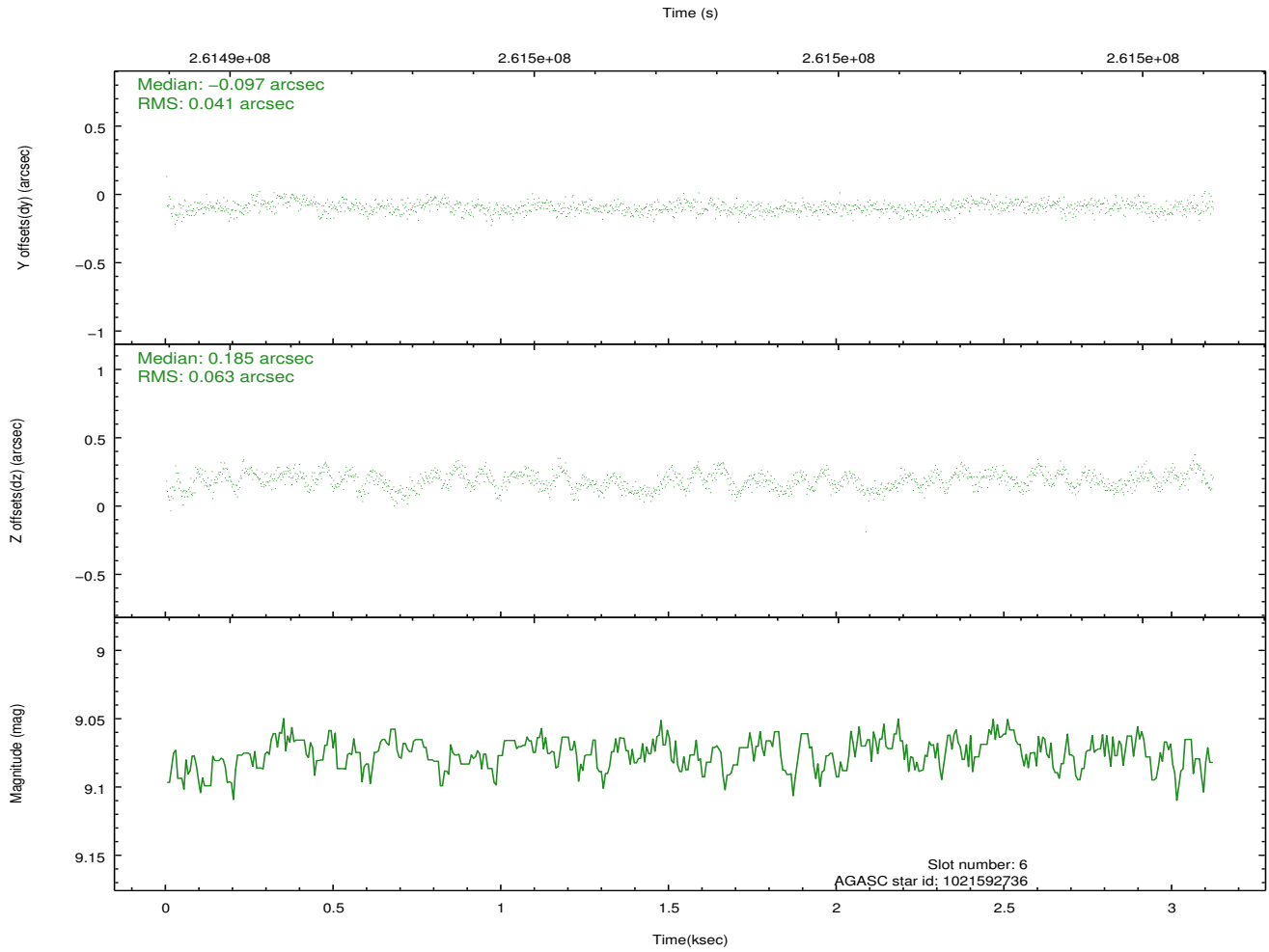
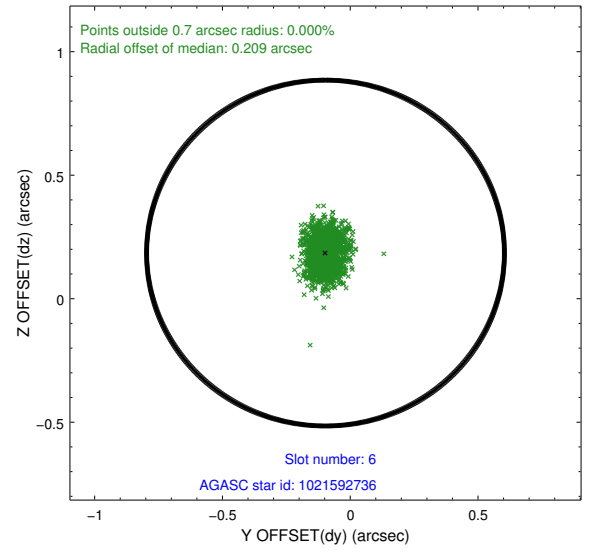
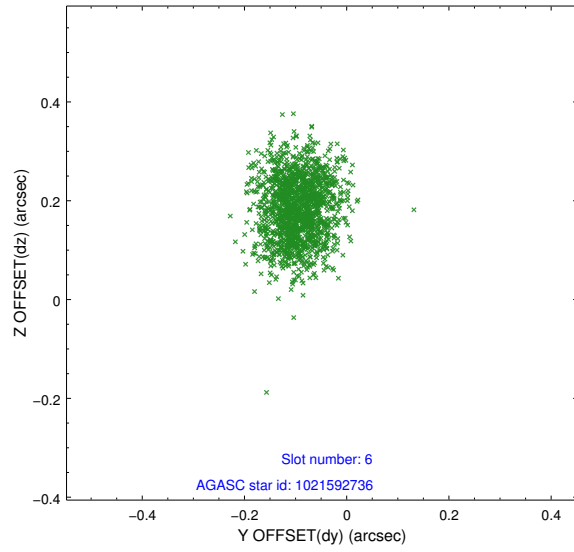
2.4.2 Slot 4



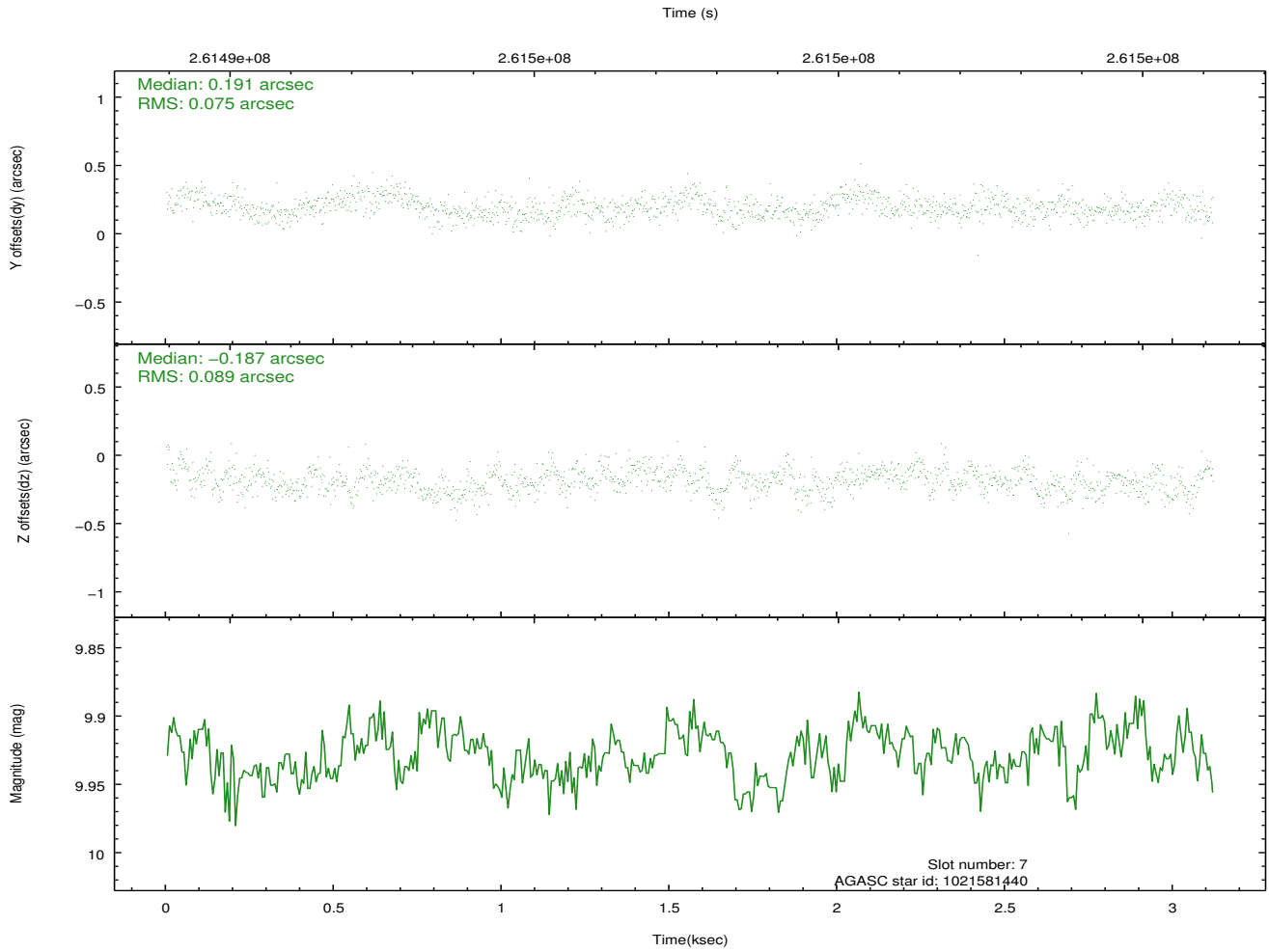
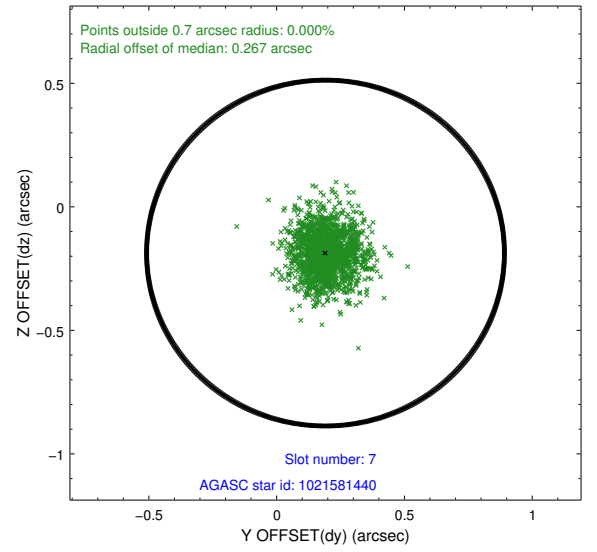
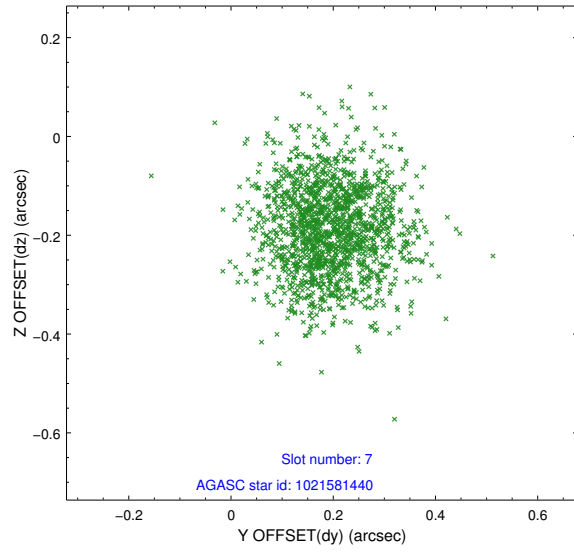
2.4.3 Slot 5



2.4.4 Slot 6

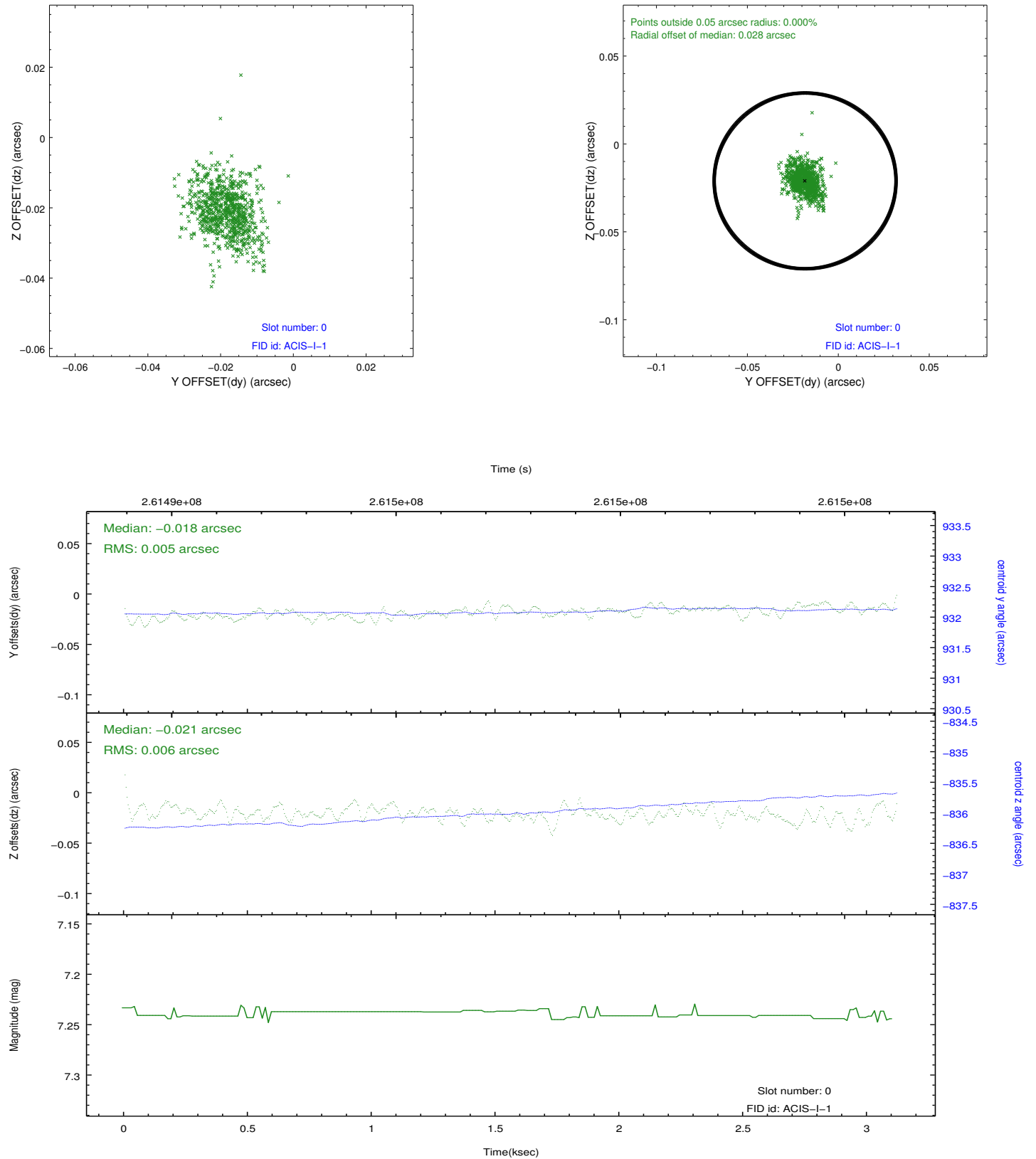


2.4.5 Slot 7

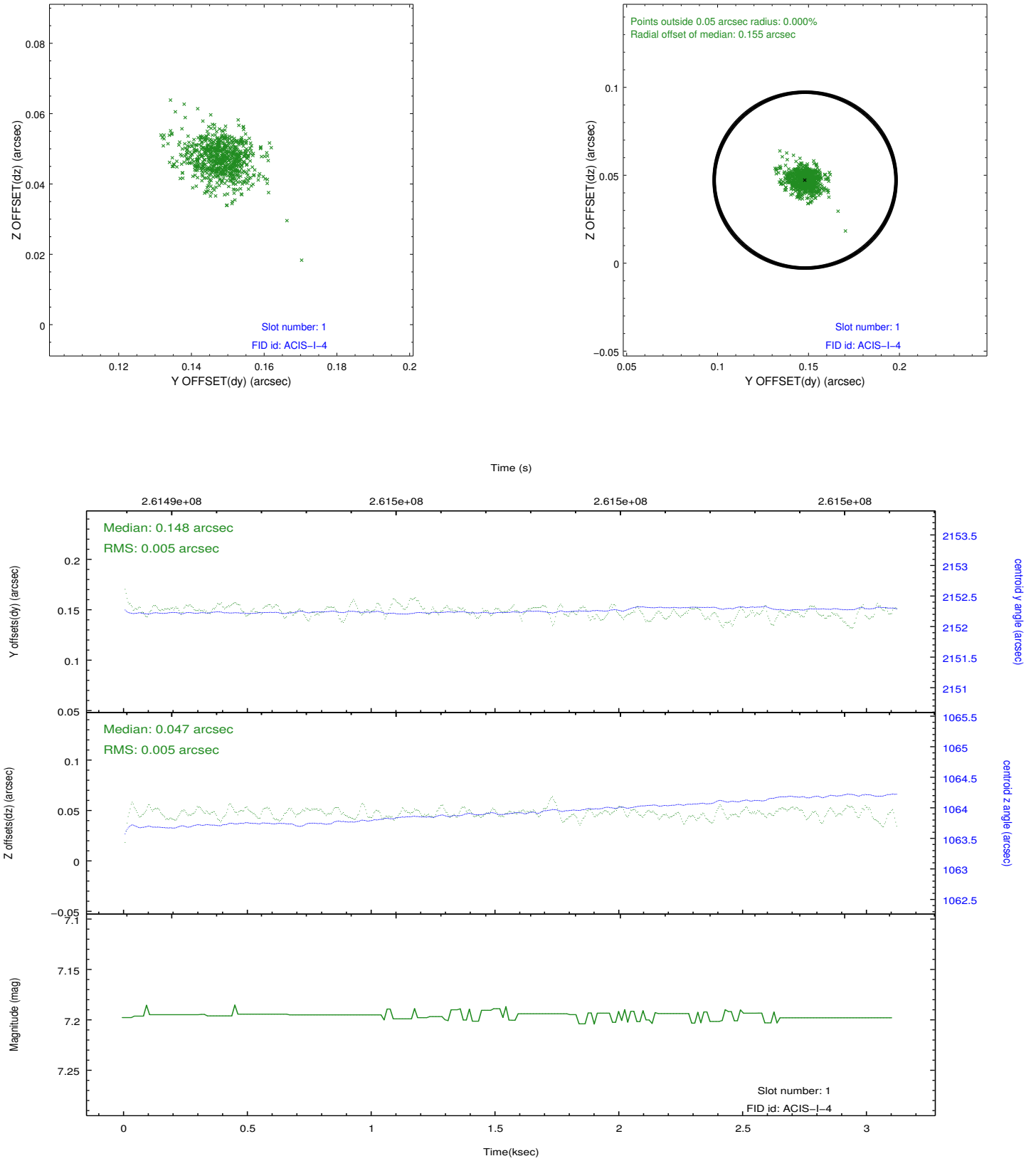


2.5 FID Slots

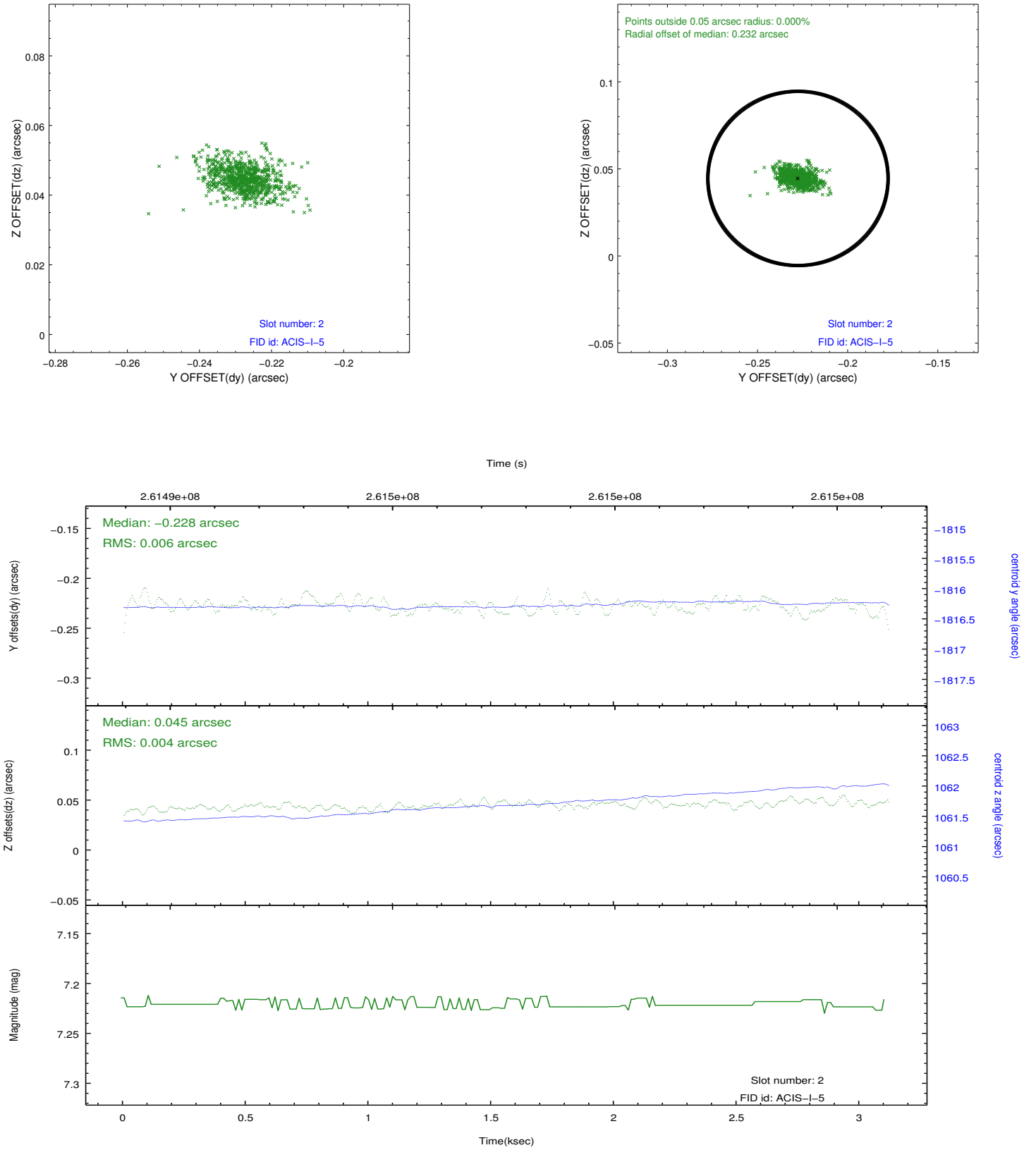
2.5.1 Slot 0



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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.11359998

A.2 Comments