

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7376 - L2 Version 2
Chandra X-Ray Center

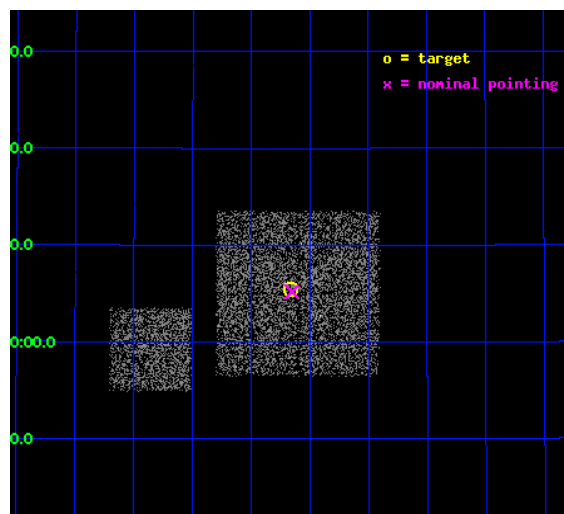
L2 Processing Date : Apr 7 2012

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1 Front

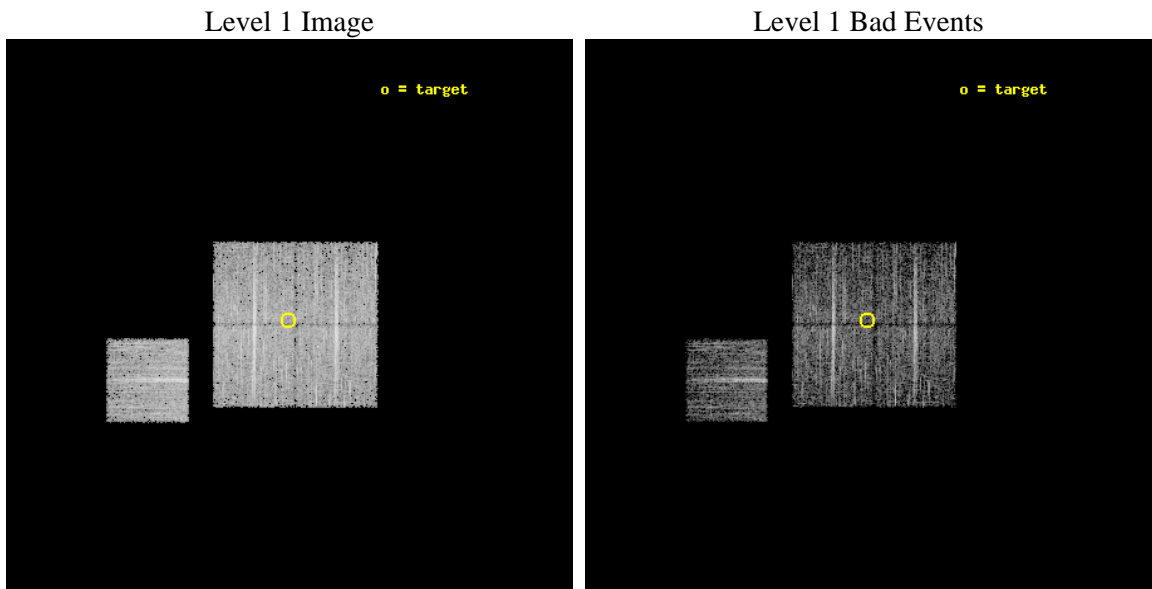
seq_num	900473	Sequence number
obs_id	7376	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr Stephen Murray	Principal investigator
object	Bootes2 13	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.66543	Observer's specified target RA [deg]
dec_targ	35.090554	Observer's specified target Dec [deg]
ra_nom	218.66318256322	Nominal RA [deg]
dec_nom	35.086302148161	Nominal Dec [deg]
roll_nom	270.20997063839	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4472.1223024726	Sum of GTIs [s]
livetime	4413.6907322622	Livetime [s]
ontime0	4471.9991824627	Sum of GTIs [s]
ontime1	4472.040222466	Sum of GTIs [s]
ontime2	4465.7993317842	Sum of GTIs [s]
ontime3	4472.1223024726	Sum of GTIs [s]
ontime6	4471.9581424594	Sum of GTIs [s]
l2events	12557	Number of level 2 events



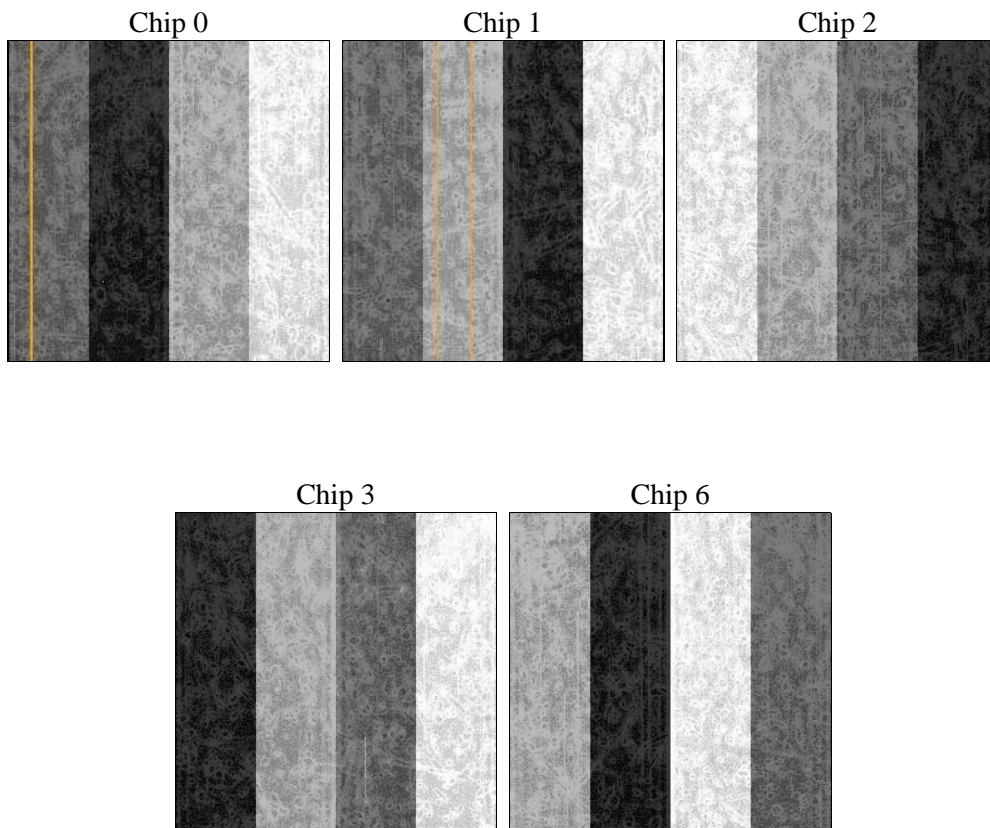
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	4472.1223024726	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4471.9991824627	Sum of GTIs [s]
date	2012-04-07T10:14:46	Date and time of file creation	ontime1	4472.040222466	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4465.7993317842	Sum of GTIs [s]
			ontime3	4472.1223024726	Sum of GTIs [s]
			ontime6	4471.9581424594	Sum of GTIs [s]
			l1events	158209	Number of level 1 events

2.1.4 Events

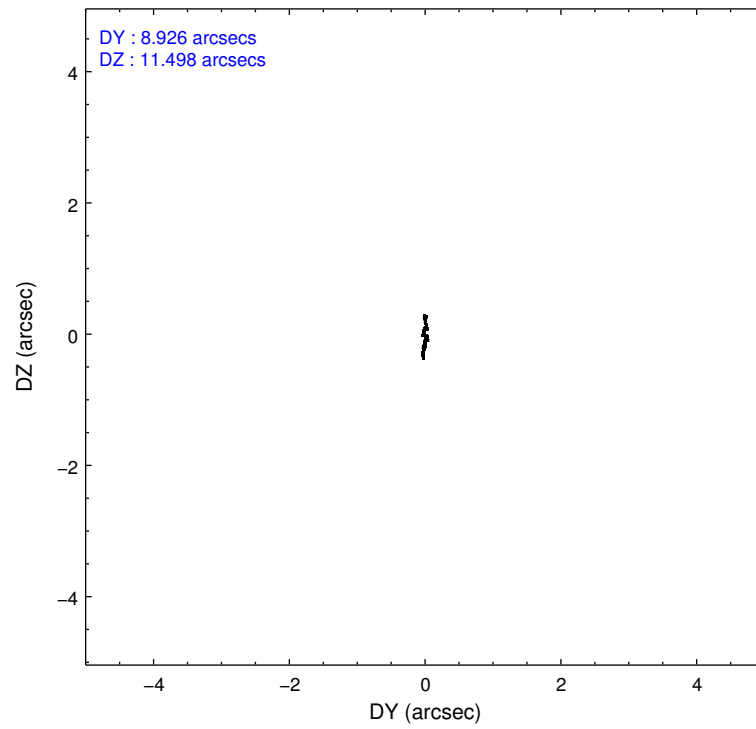
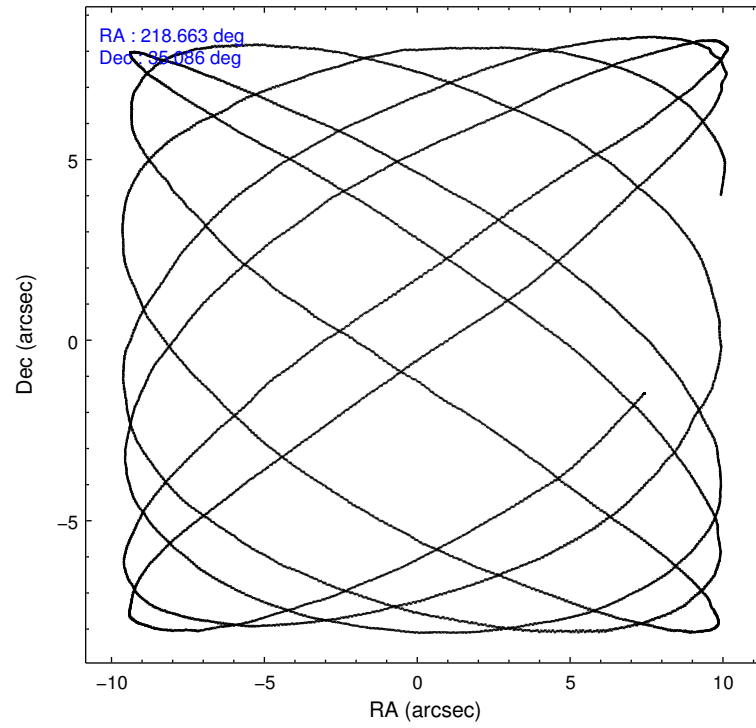
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	31059	29629	34735	29783	33003
rejected events	27846	26405	31672	26908	29976
rejected %	89%	89%	91%	90%	90%

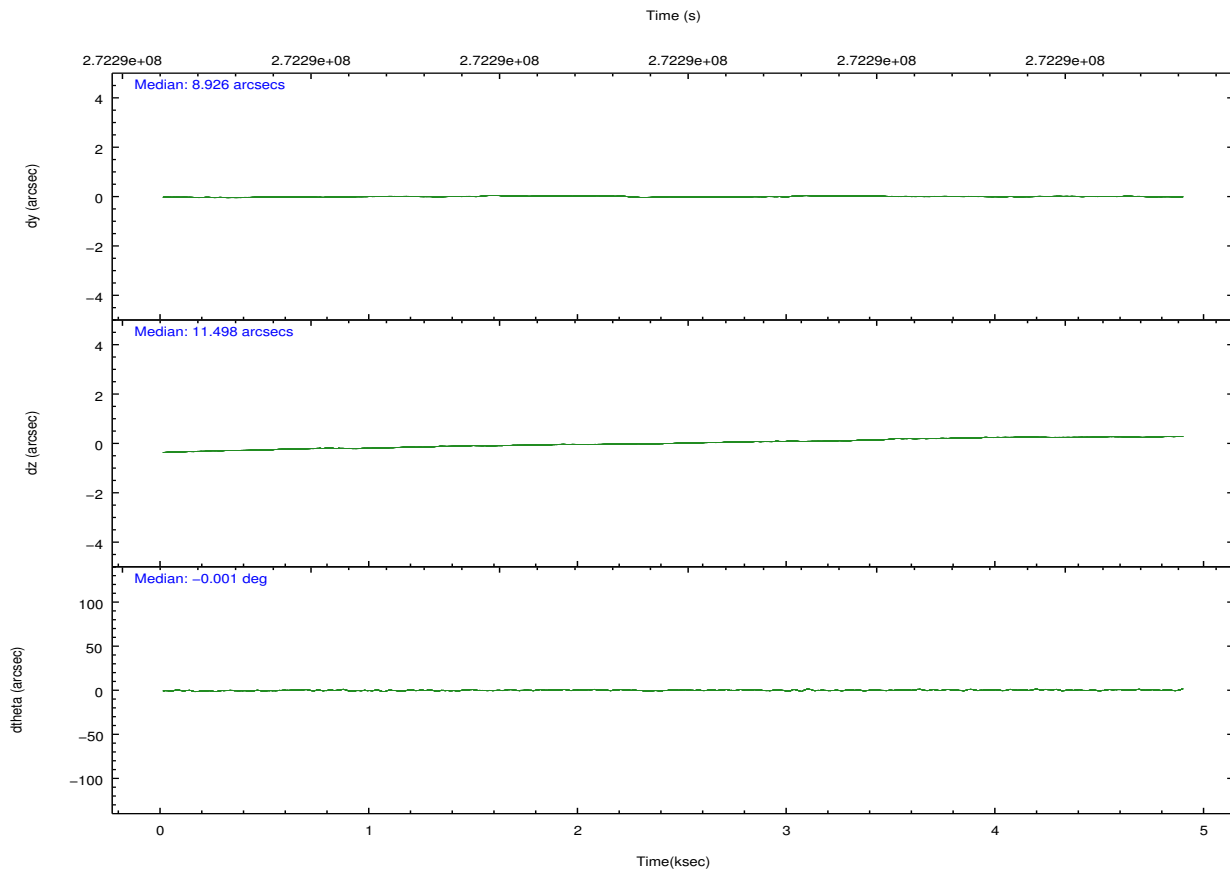
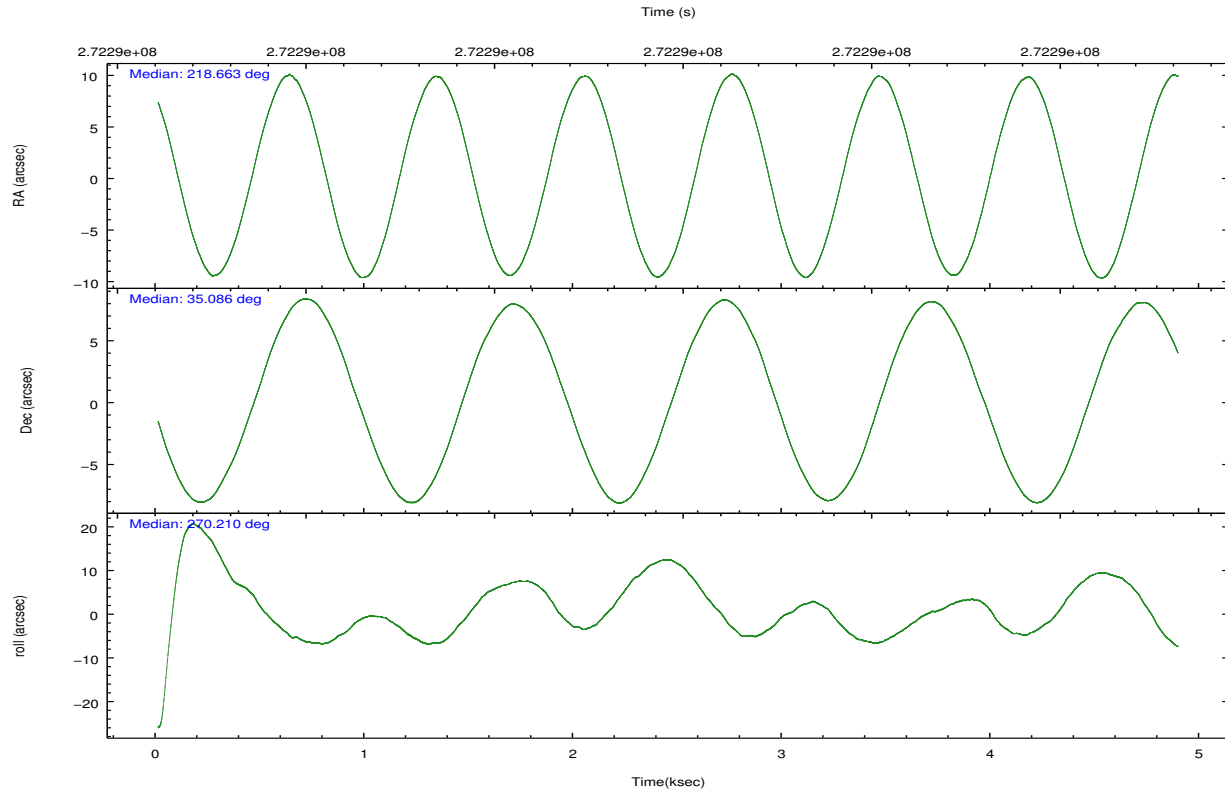
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1232	1133	1179	1015	1085
	3%	3%	3%	3%	3%
grade 1 events	19	11	18	15	22
	0%	0%	0%	0%	0%
grade 2 events	768	734	714	601	666
	2%	2%	2%	2%	2%
grade 3 events	362	364	311	332	366
	1%	1%	0%	1%	1%
grade 4 events	308	355	352	347	347
	0%	1%	1%	1%	1%
grade 5 events	863	966	883	1091	1035
	2%	3%	2%	3%	3%
grade 6 events	548	639	511	581	564
	1%	2%	1%	1%	1%
grade 7 events	26959	25427	30767	25801	28918
	86%	85%	88%	86%	87%

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	218.646244	218.6631825632231	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.109927	35.08630214816102	Alternating exposures requested	N	N
[deg] Pointing Roll	270.011022	270.2099706383892	[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)	272289674.184000	272289298.04045			
Observation start date	2006-08-18T12:00:09	2006-08-18T11:54:58			
[s] Observation end time (MET)	272294374.184000	272294508.11569			
Observation end date	2006-08-18T13:18:29	2006-08-18T13:21:48			
Read mode	TIMED	TIMED			

2.3 Aspect



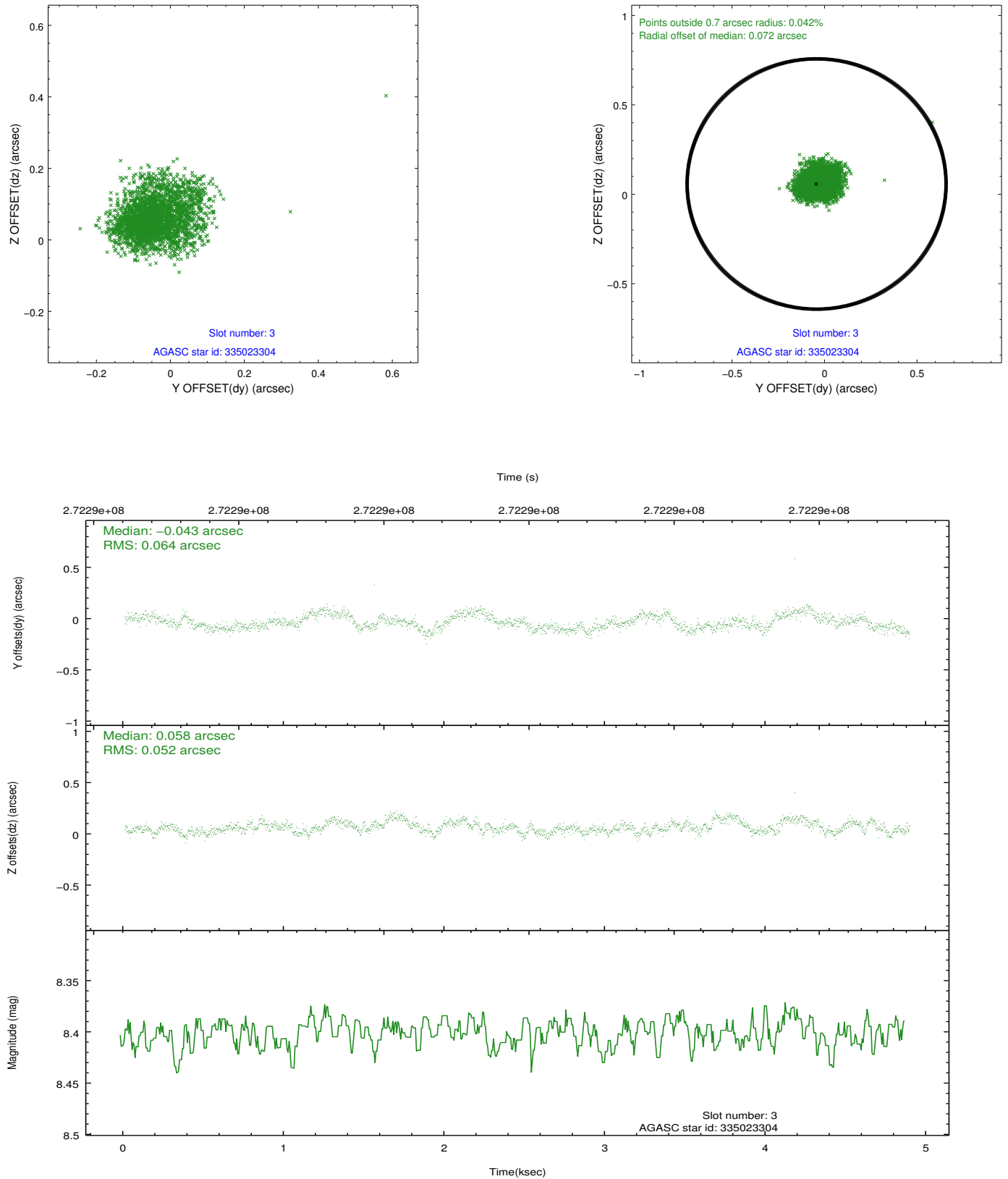


Slot Statistics

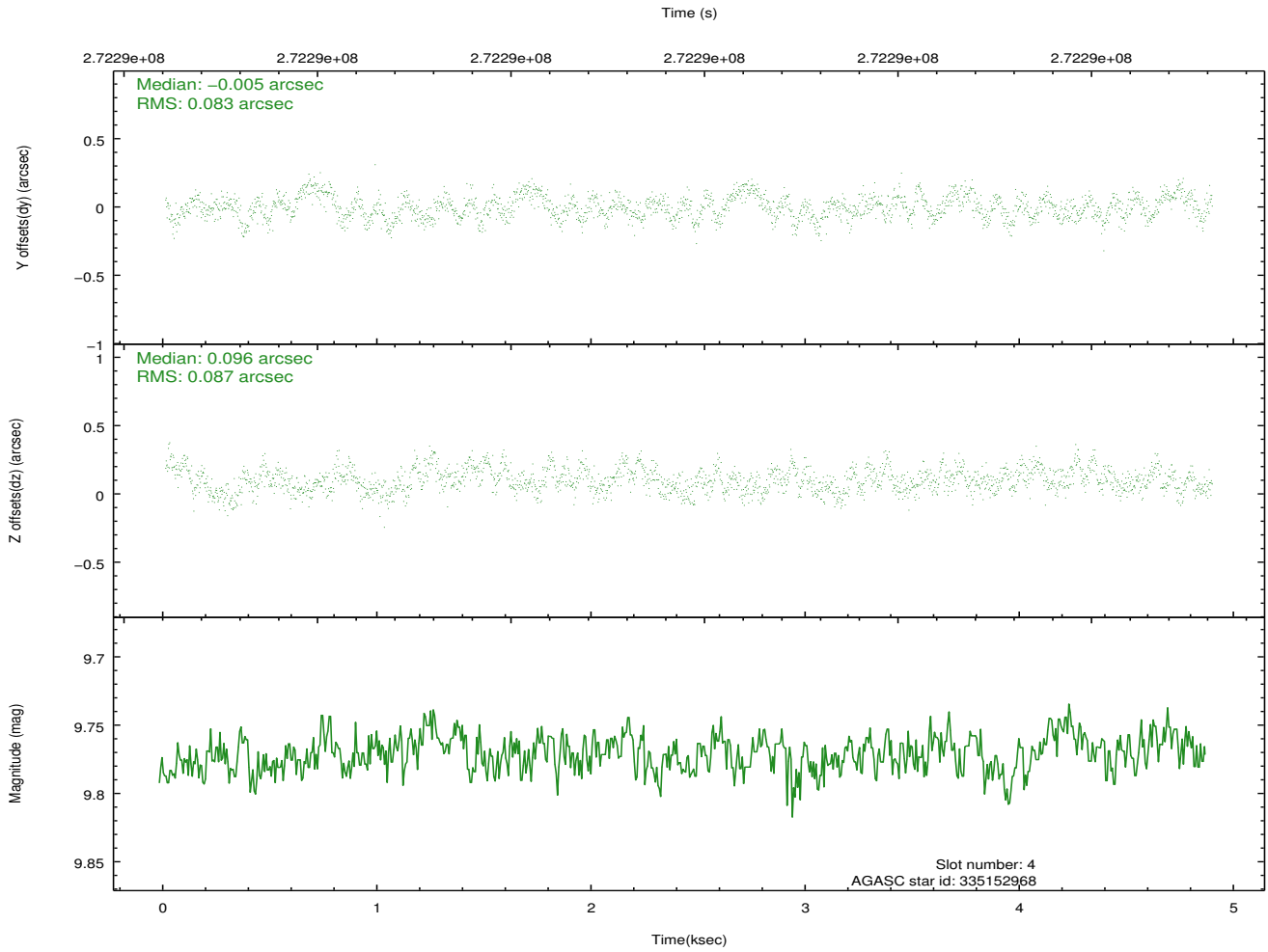
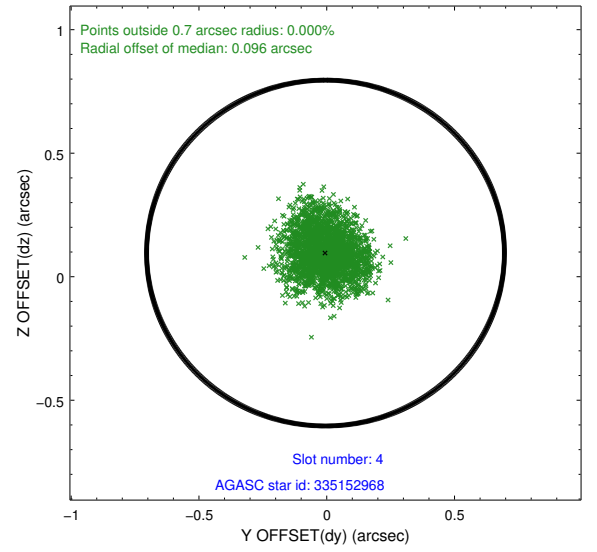
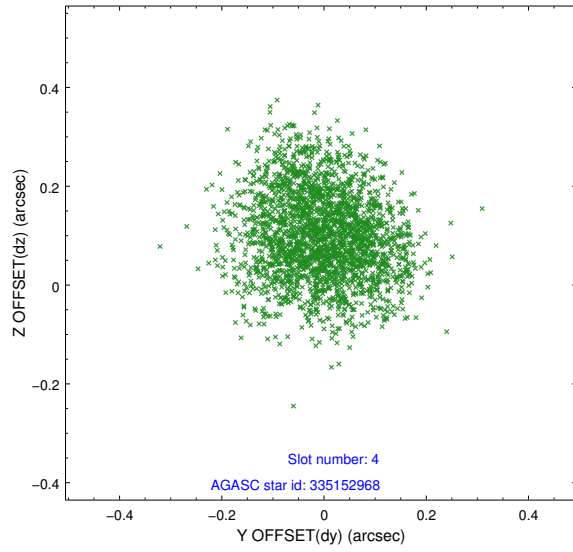
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1192	0.067	-0.060	0.007	0.011	0.000000	0.000000	930.75	-835.09
1	FID	ACIS-I-5	7.23	1192	-0.214	0.063	0.007	0.012	0.000000	0.000000	-1816.91	1061.95
2	FID	ACIS-I-6	7.24	1192	0.057	0.069	0.008	0.014	0.000000	0.000000	394.98	1707.83
3	GUIDE	335023304	8.40	2384	-0.043	0.058	0.087	0.138	218.883608	34.686545	1523.49	702.76
4	GUIDE	335152968	9.77	2383	-0.005	0.096	0.132	0.200	219.446087	34.867883	863.36	2363.17
5	GUIDE	335153056	10.14	2364	-0.087	-0.128	0.203	0.326	219.264627	34.869152	861.84	1827.54
6	GUIDE	335416352	10.38	2381	-0.021	-0.015	0.168	0.270	218.699205	35.569288	-1653.21	156.16
7	GUIDE	335554008	9.80	2378	0.150	-0.021	0.113	0.185	219.383422	35.471863	-1311.11	2161.97

2.4 Star Slots

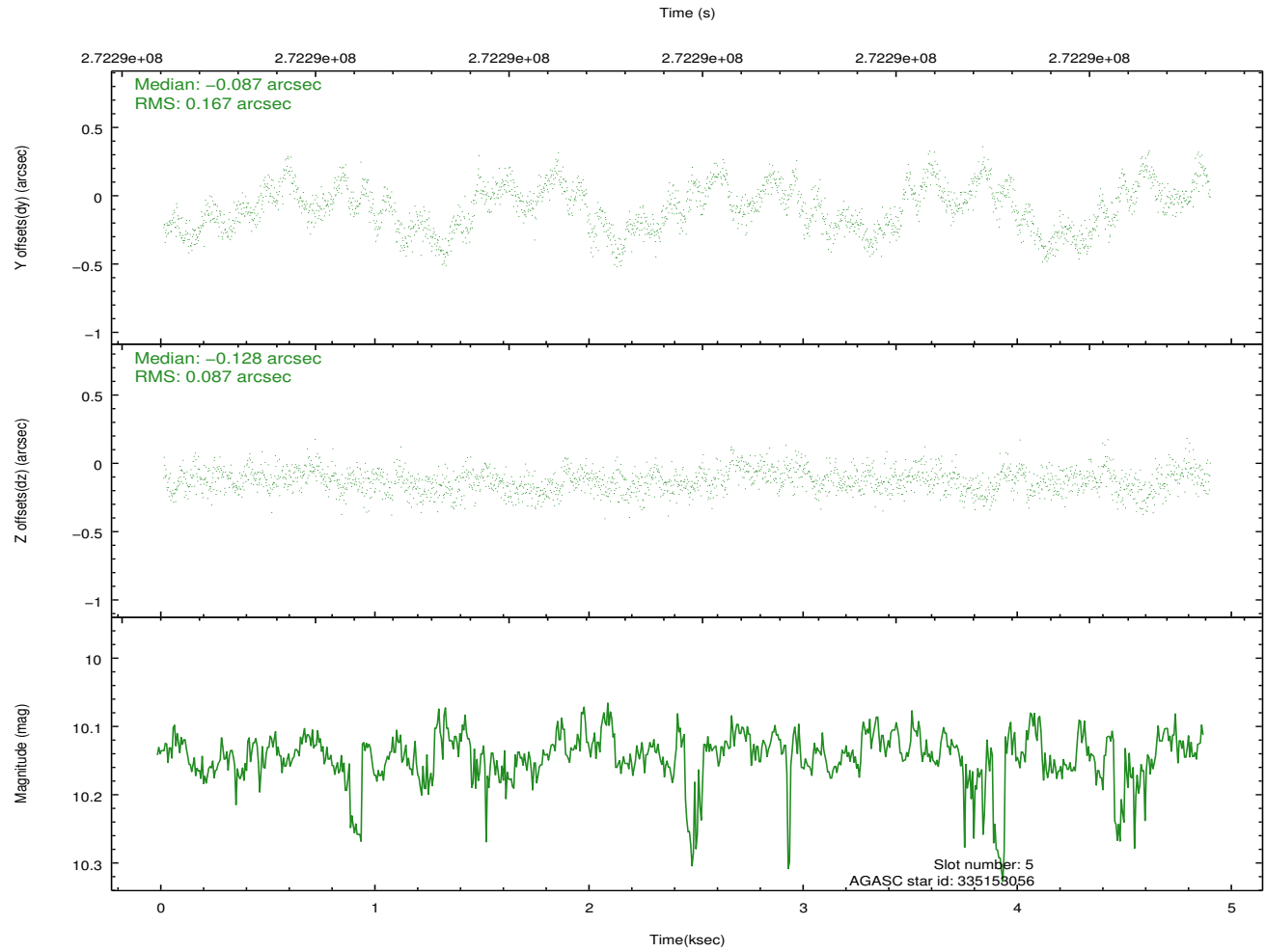
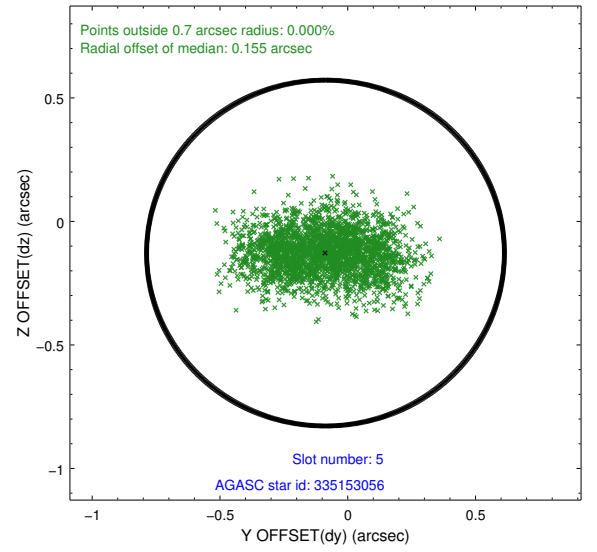
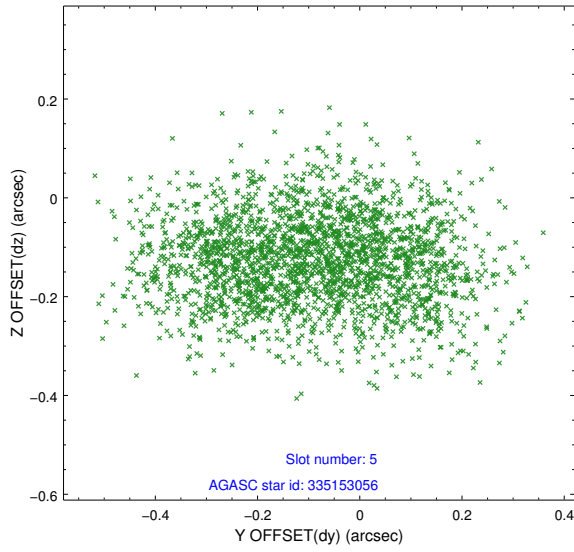
2.4.1 Slot 3



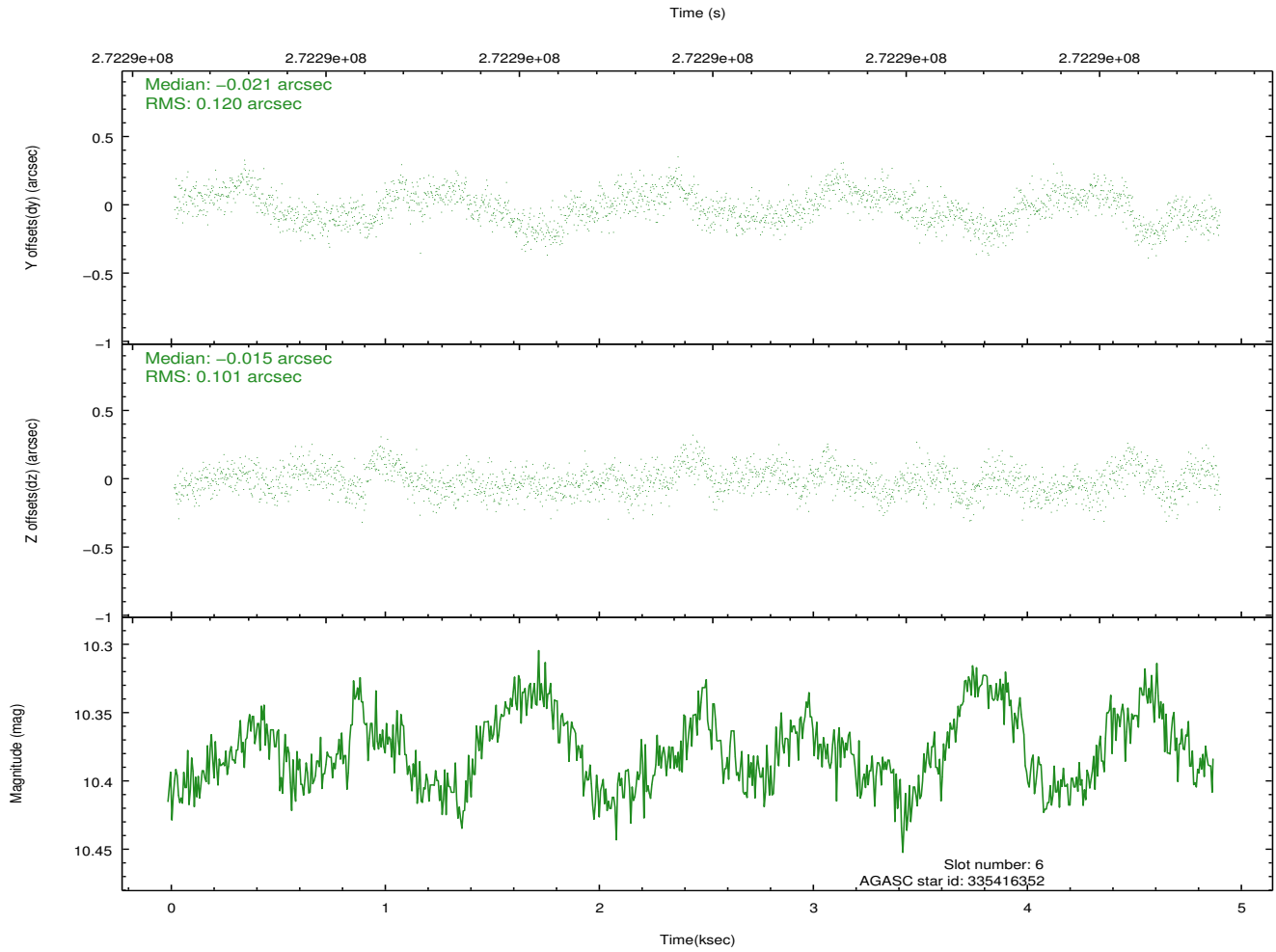
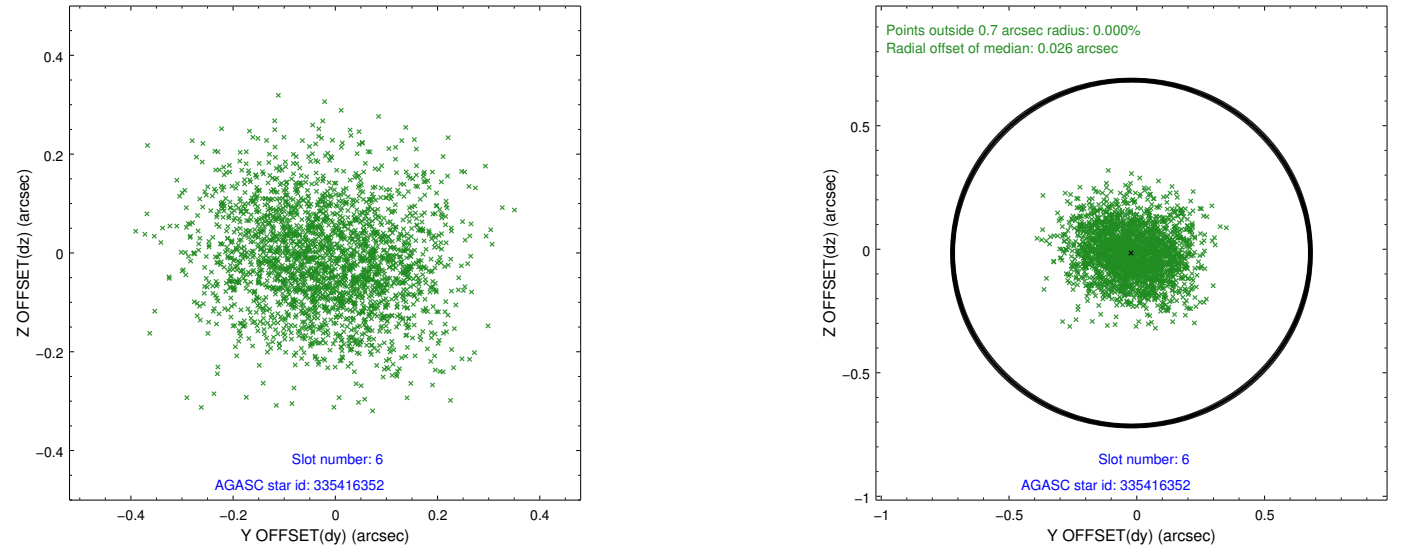
2.4.2 Slot 4



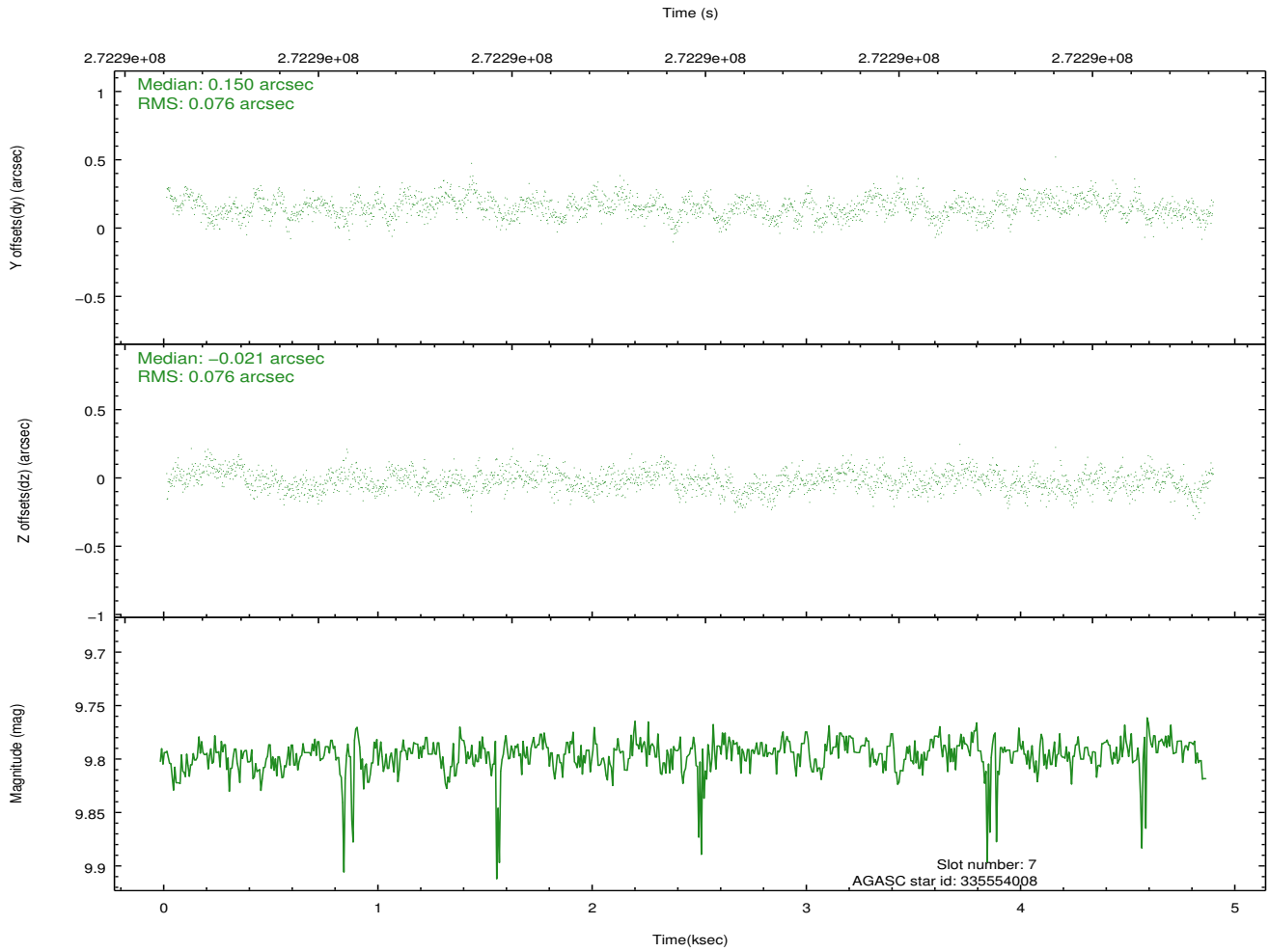
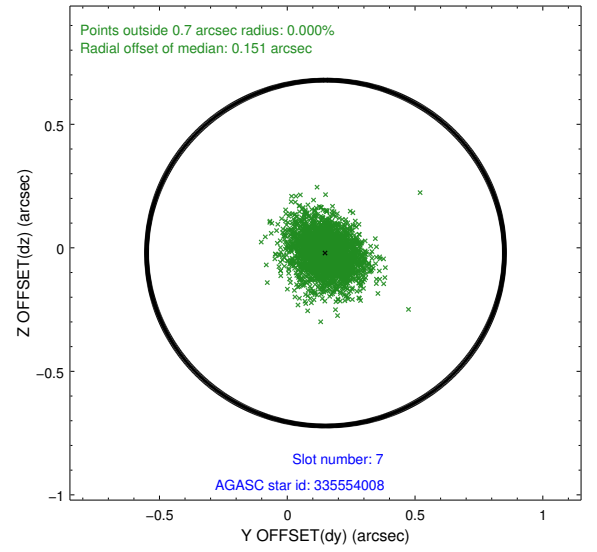
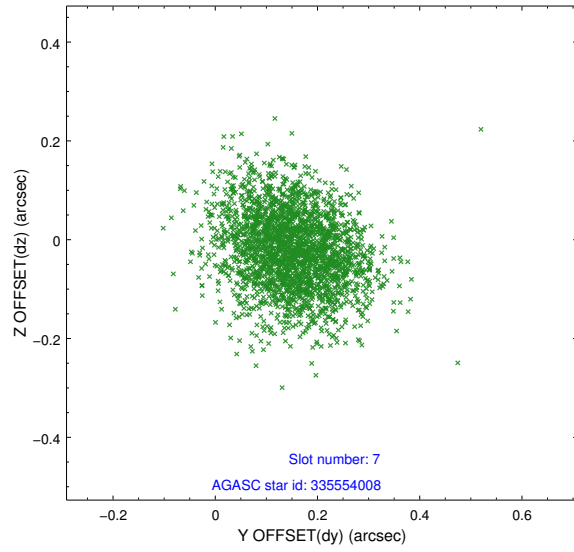
2.4.3 Slot 5



2.4.4 Slot 6

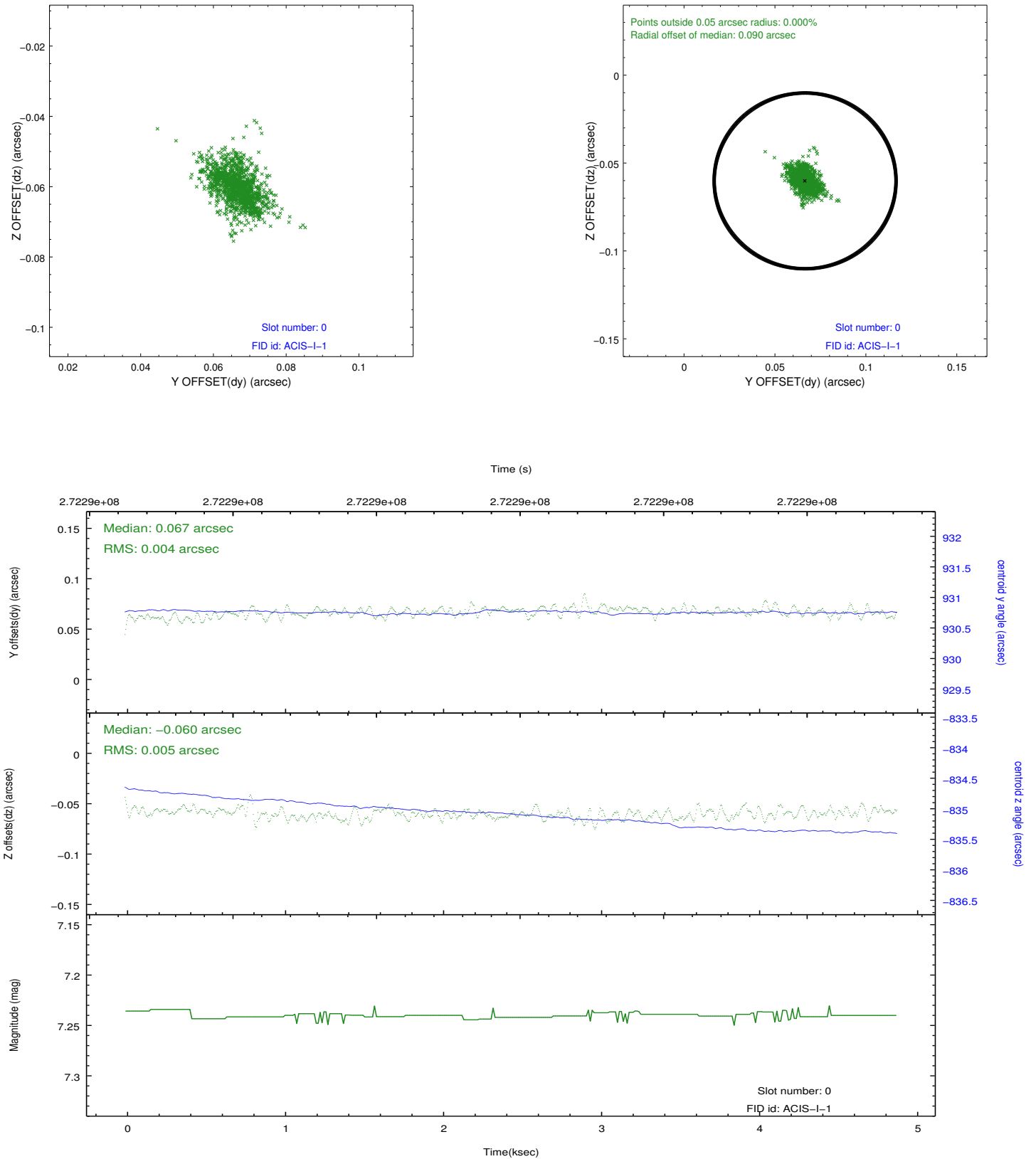


2.4.5 Slot 7

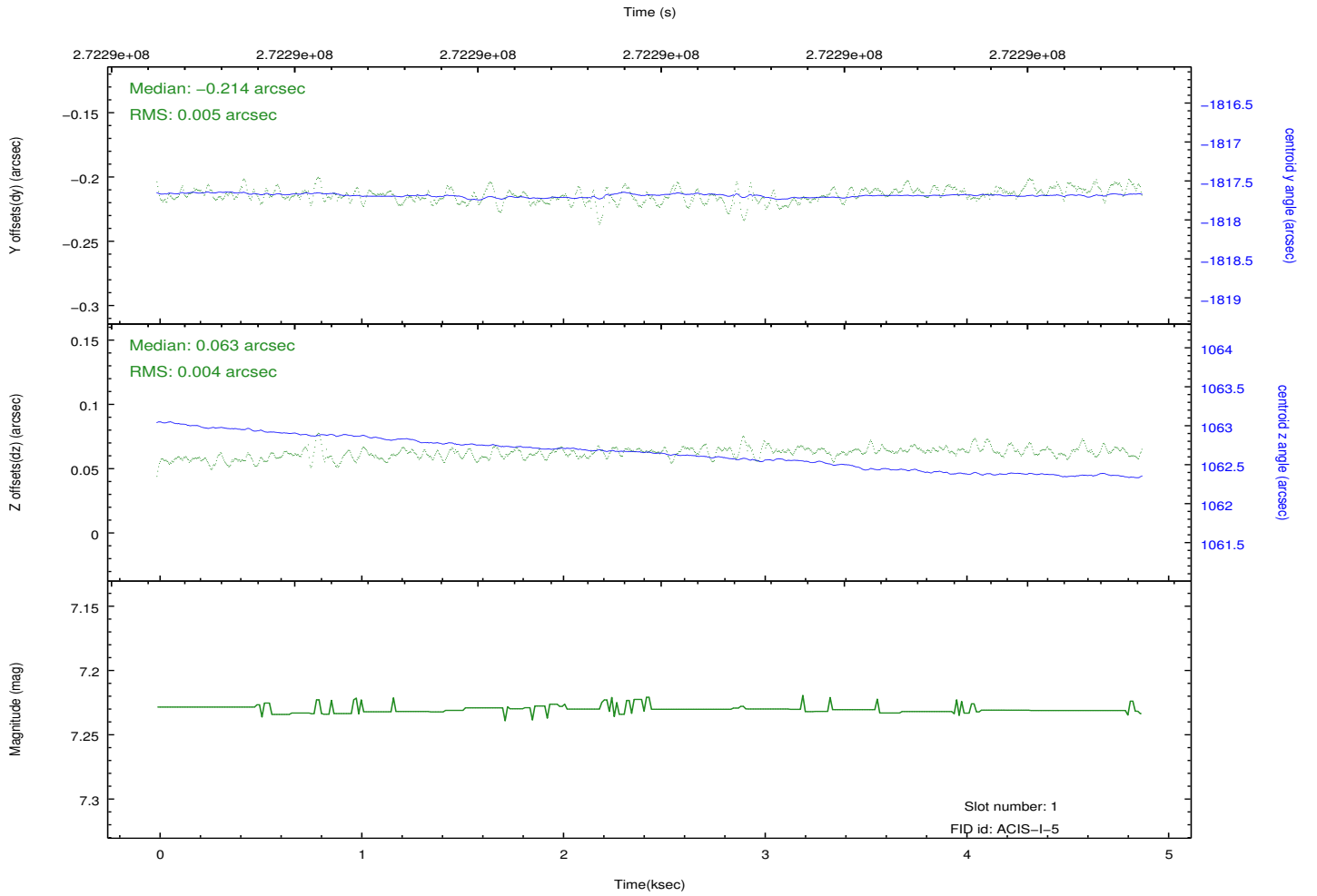
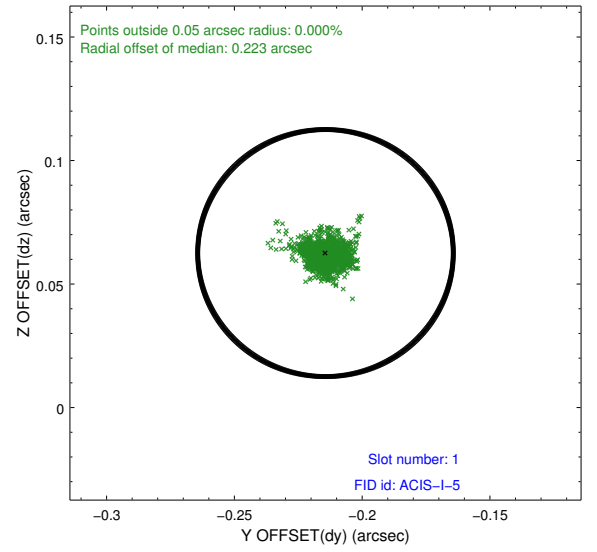
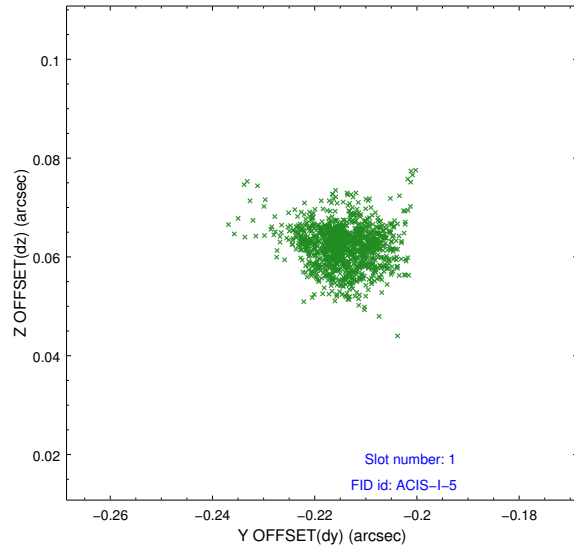


2.5 FID Slots

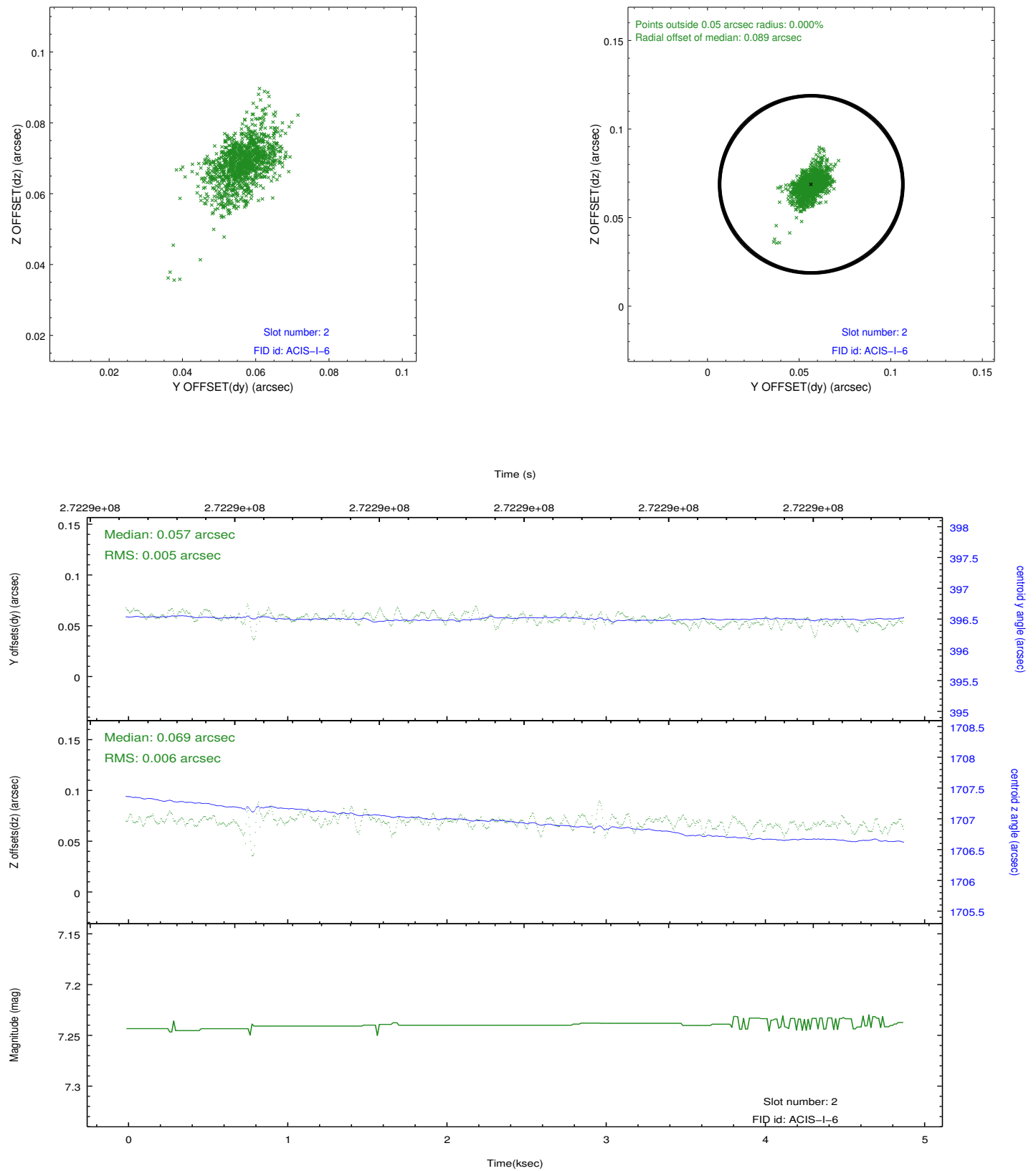
2.5.1 Slot 0



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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.47330003

A.2 Comments