

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3623 - L2 Version 3
Chandra X-Ray Center

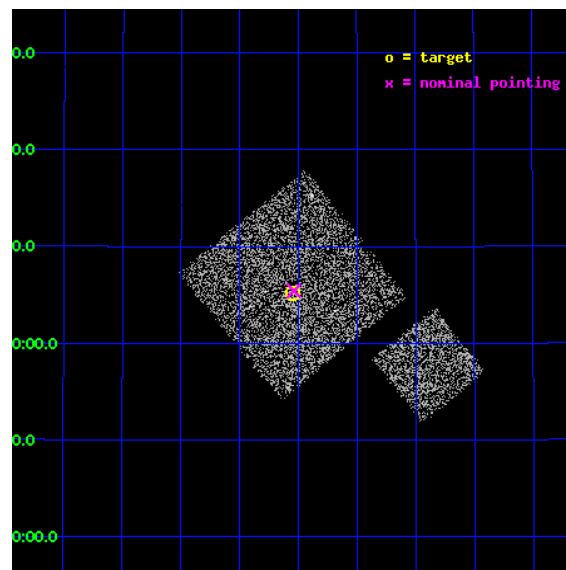
L2 Processing Date : Oct 26 2012

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1 Front

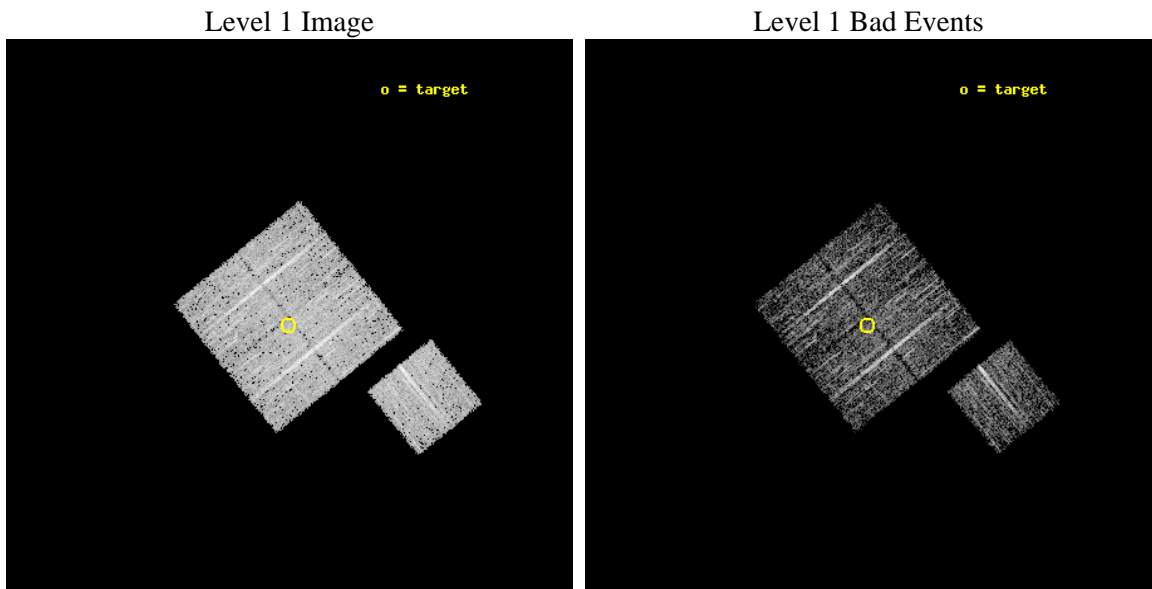
seq_num	900223	Sequence number
obs_id	3623	Observation id
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD	Proposal
observer	Dr. Stephen Murray	Principal investigator
object	NOAO FIELD F16	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.38708	Observer's specified target RA [deg]
dec_targ	35.08647	Observer's specified target Dec [deg]
ra_nom	217.38440089579	Nominal RA [deg]
dec_nom	35.090543252823	Nominal Dec [deg]
roll_nom	141.01022489462	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4572.0571403503	Sum of GTIs [s]
livetime	4512.3198479122	Livetime [s]
ontime0	4575.0750205517	Sum of GTIs [s]
ontime1	4578.2570307553	Sum of GTIs [s]
ontime2	4578.2980707586	Sum of GTIs [s]
ontime3	4572.0571403503	Sum of GTIs [s]
ontime6	4578.174920857	Sum of GTIs [s]
l2events	11613	Number of level 2 events



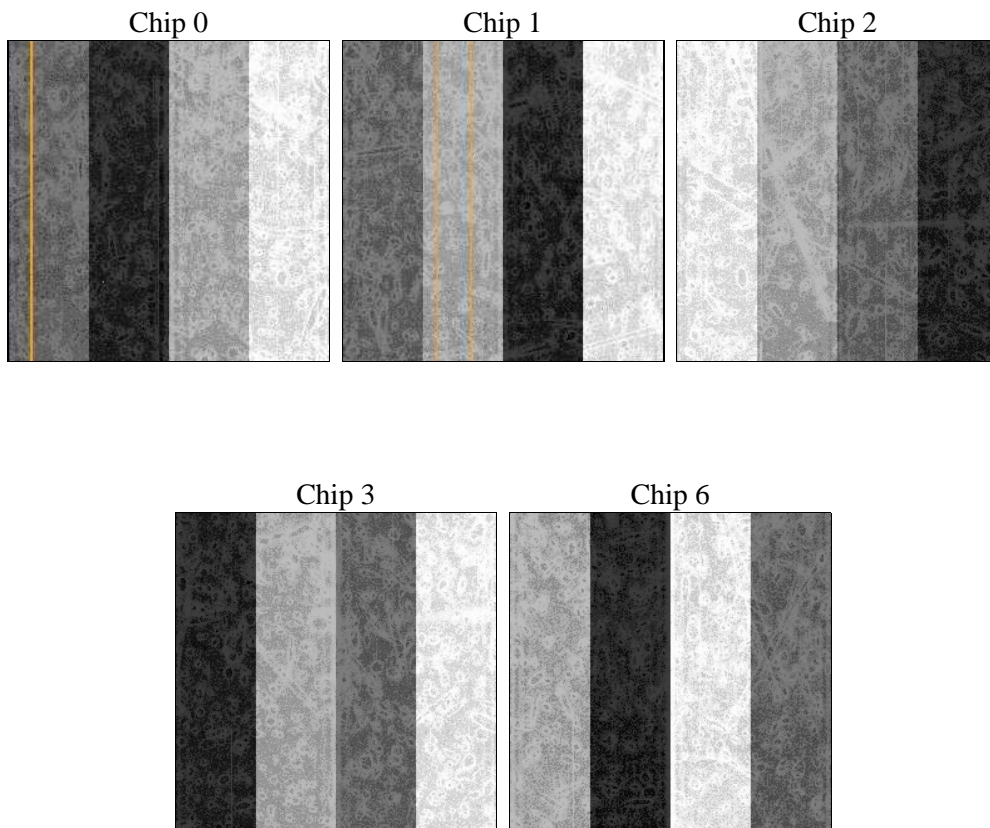
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4572.0571403503	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4575.0750205517	Sum of GTIs [s]
date	2012-10-26T01:21:35	Date and time of file creation	ontime1	4578.2570307553	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4578.2980707586	Sum of GTIs [s]
			ontime3	4572.0571403503	Sum of GTIs [s]
			ontime6	4578.174920857	Sum of GTIs [s]
			l1events	117224	Number of level 1 events

2.1.4 Events

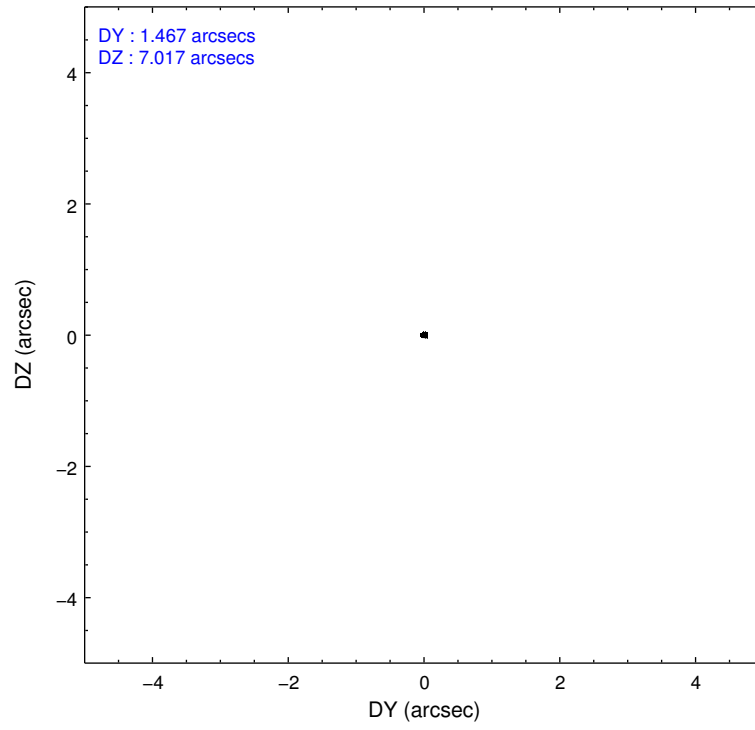
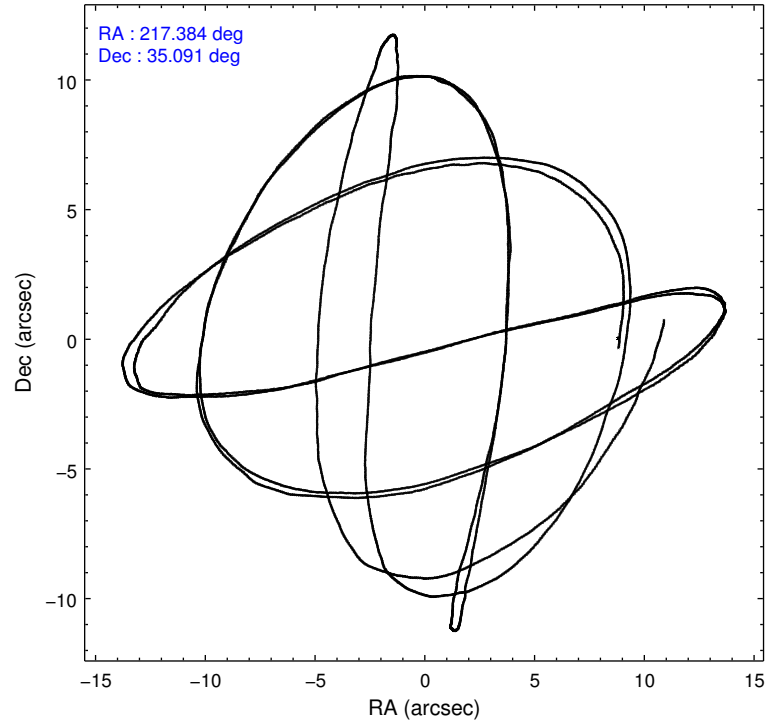
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21819	22236	25808	23766	23595
rejected events	19098	19433	22966	21080	20773
rejected %	87%	87%	88%	88%	88%

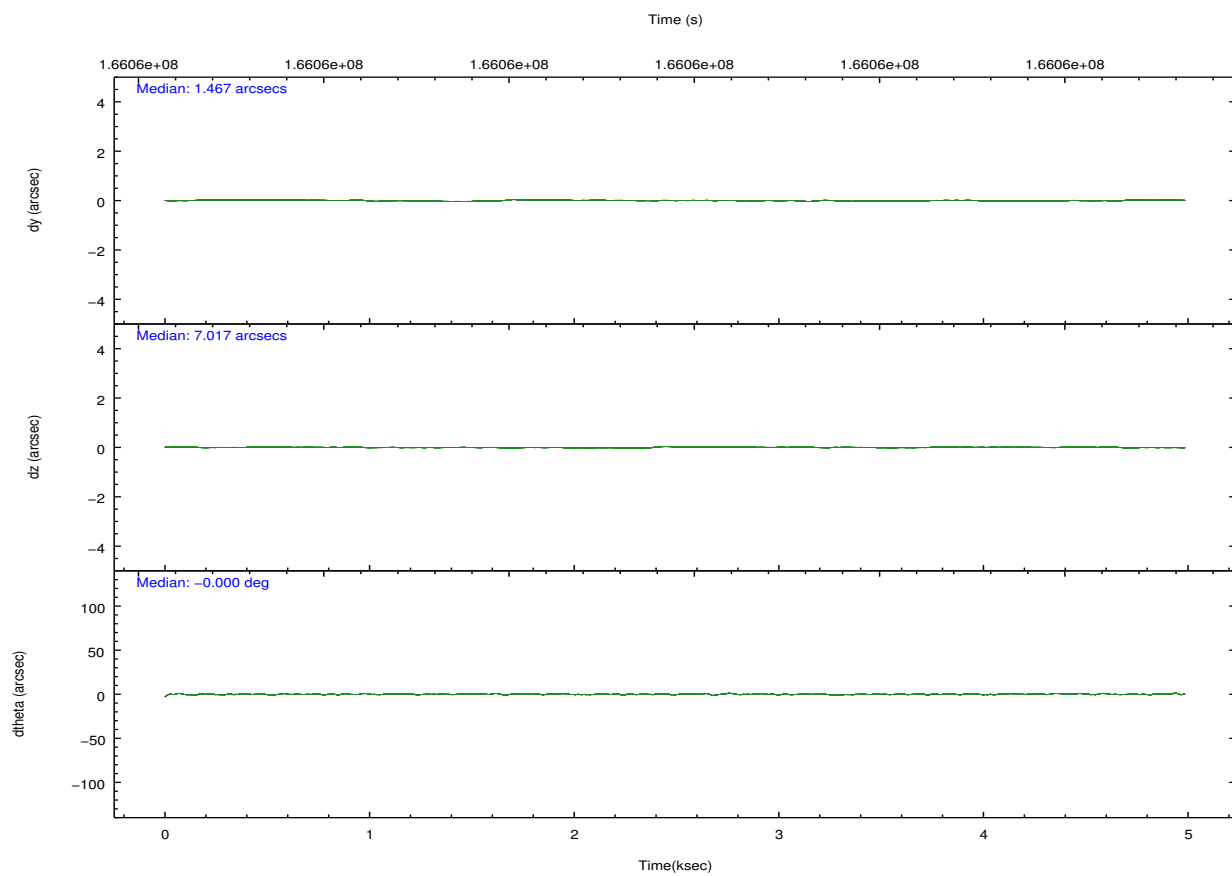
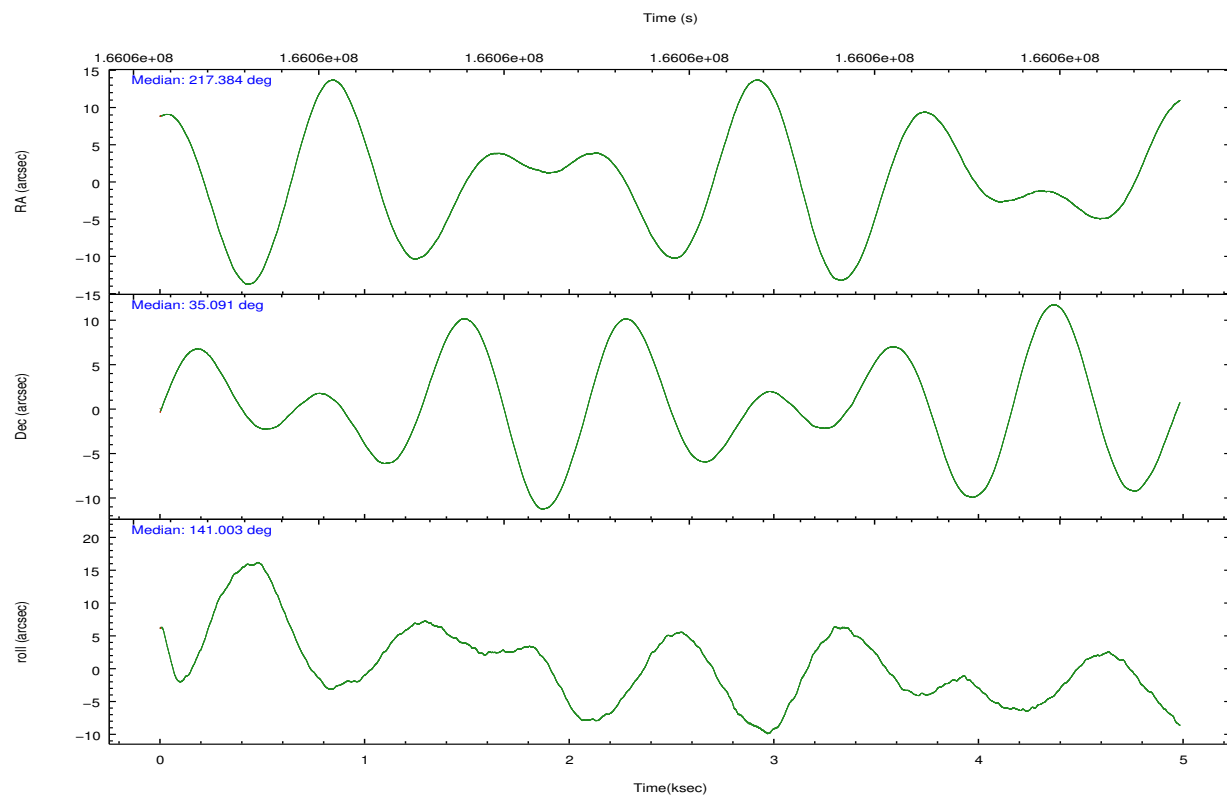
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1096	1177	1237	1119	1212
	5%	5%	4%	4%	5%
grade 1 events	20	7	13	13	10
	0%	0%	0%	0%	0%
grade 2 events	614	513	588	534	555
	2%	2%	2%	2%	2%
grade 3 events	283	284	275	299	280
	1%	1%	1%	1%	1%
grade 4 events	276	325	266	288	260
	1%	1%	1%	1%	1%
grade 5 events	710	716	647	731	769
	3%	3%	2%	3%	3%
grade 6 events	453	508	480	448	517
	2%	2%	1%	1%	2%
grade 7 events	18367	18706	22302	20334	19992
	84%	84%	86%	85%	84%

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	217.417483	217.3844008957865	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.086391	35.09054325282266	Alternating exposures requested	N	N
[deg] Pointing Roll	140.782521	141.0102248946228	[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)	166060585.184000	166060209.51569			
Observation start date	2003-04-06T23:55:21	2003-04-06T23:50:09			
[s] Observation end time (MET)	166065385.184000	166065519.52842			
Observation end date	2003-04-07T01:15:21	2003-04-07T01:18:39			
Read mode	TIMED	TIMED			

2.3 Aspect



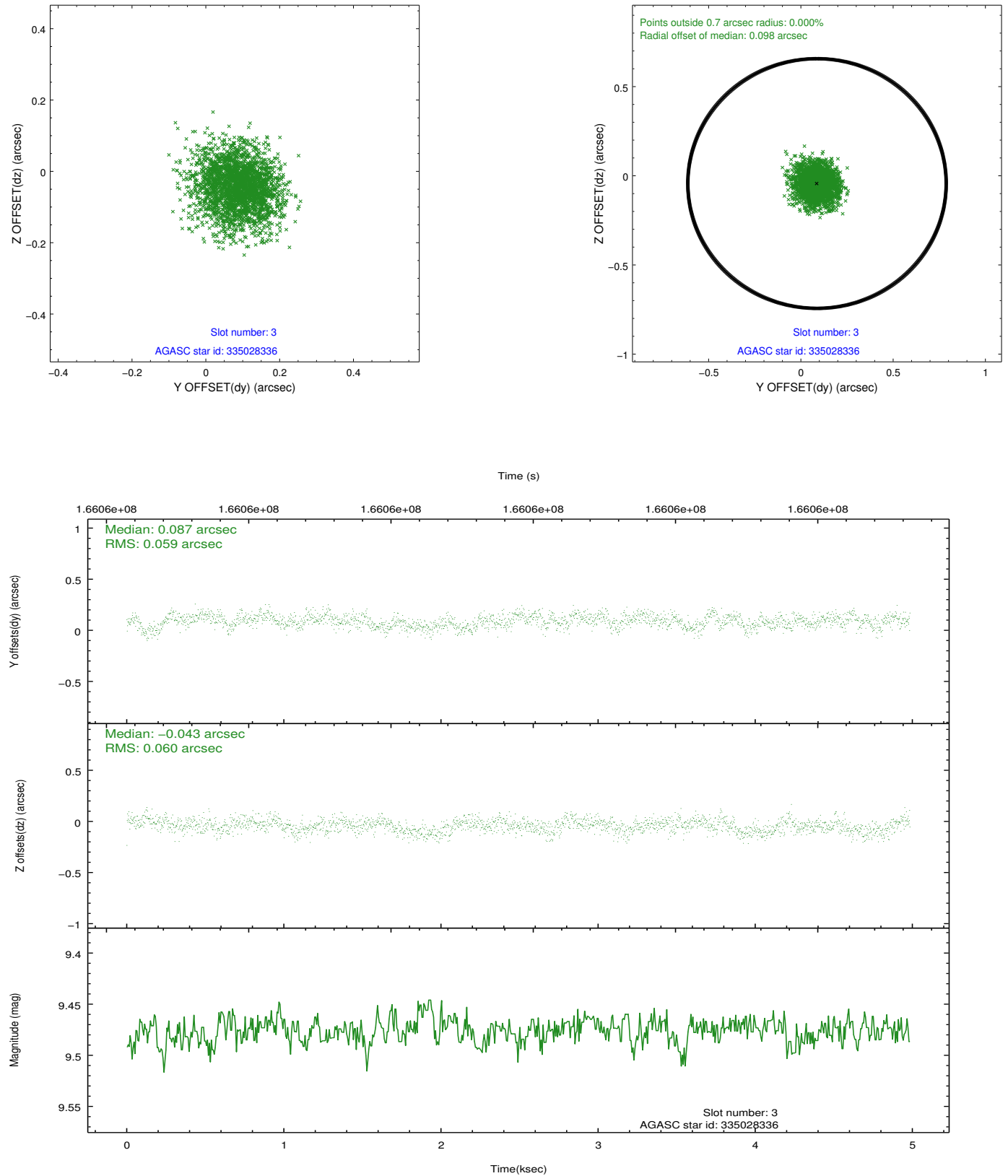


Slot Statistics

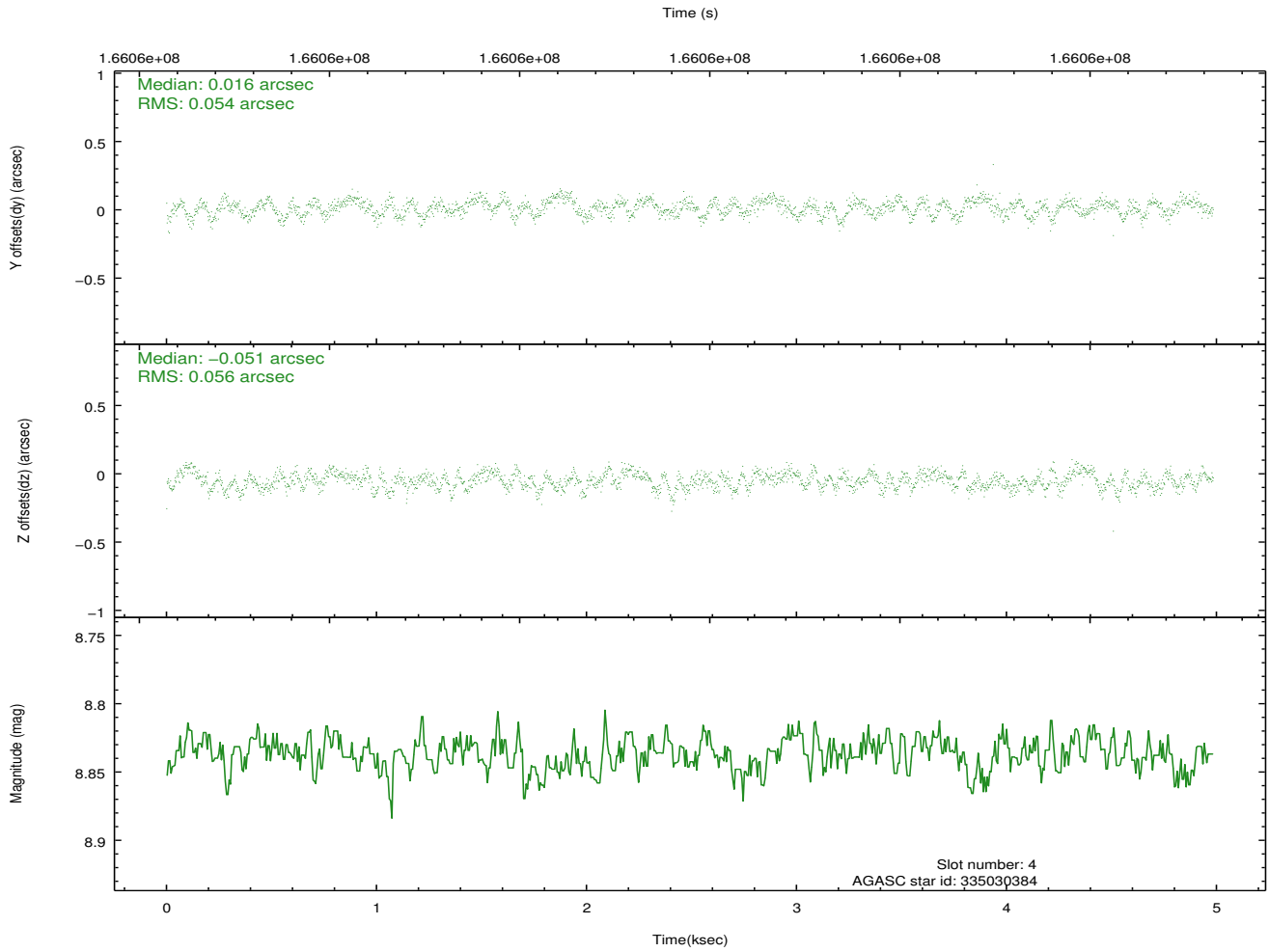
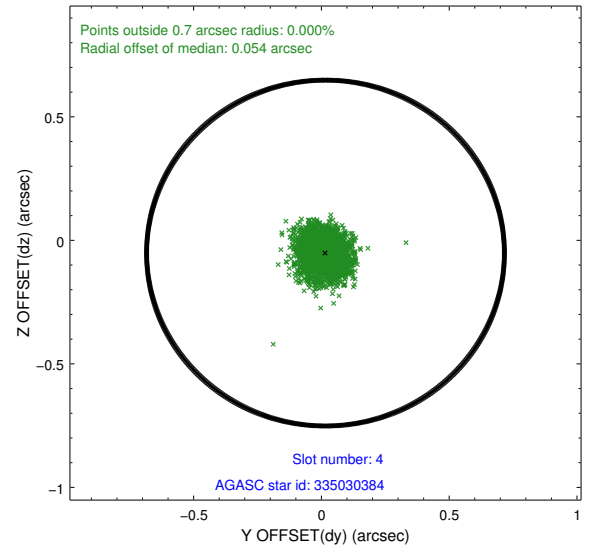
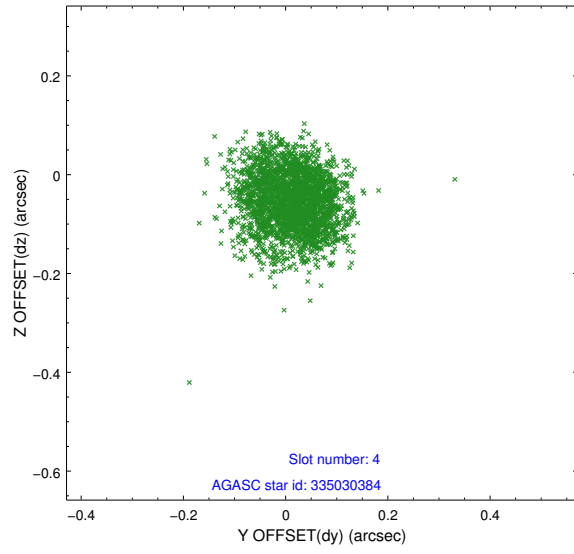
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1216	0.010	0.013	0.006	0.010	0.000000	0.000000	938.35	-830.42
1	FID	ACIS-I-5	7.24	1216	-0.079	0.054	0.006	0.010	0.000000	0.000000	-1809.11	1066.57
2	FID	ACIS-I-6	7.26	1216	-0.022	0.004	0.007	0.011	0.000000	0.000000	402.61	1712.35
3	GUIDE	335028336	9.48	2429	0.087	-0.043	0.090	0.144	217.189840	34.665629	-435.05	1599.04
4	GUIDE	335030384	8.84	2432	0.016	-0.051	0.083	0.129	216.806407	34.722197	575.06	2155.40
5	GUIDE	335414448	7.38	2432	-0.175	0.092	0.064	0.100	216.992261	35.577204	2083.37	-582.46
6	GUIDE	335415168	9.80	2425	0.070	0.005	0.103	0.167	217.681296	35.301767	-108.10	-1091.59
7	GUIDE	335422272	9.46	2430	0.004	0.001	0.126	0.220	217.586135	35.522660	610.75	-1530.06

2.4 Star Slots

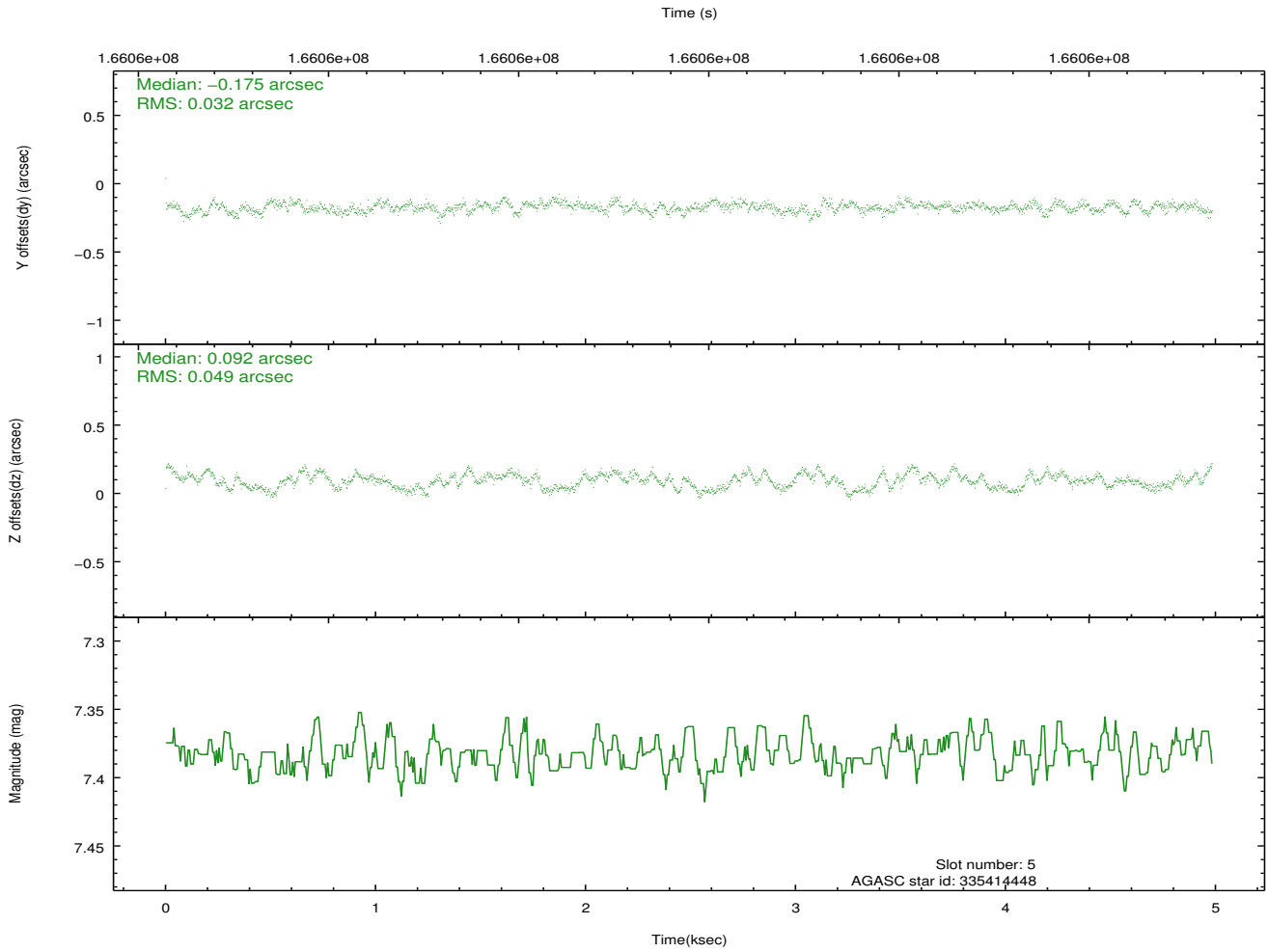
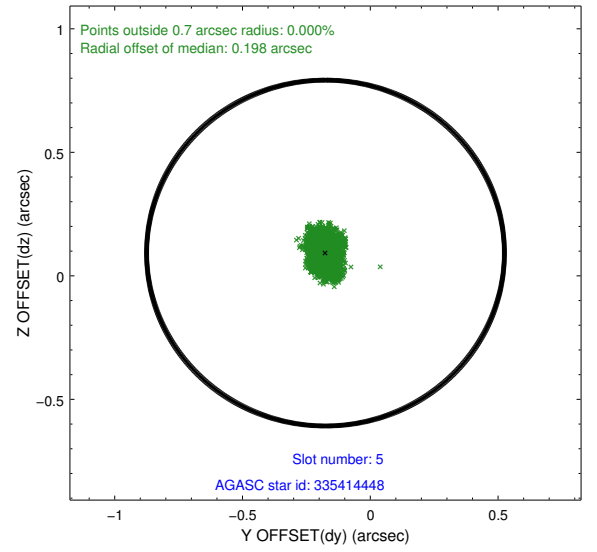
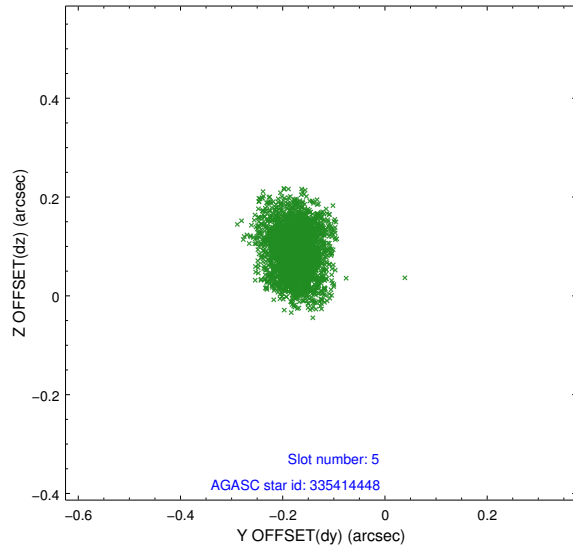
2.4.1 Slot 3



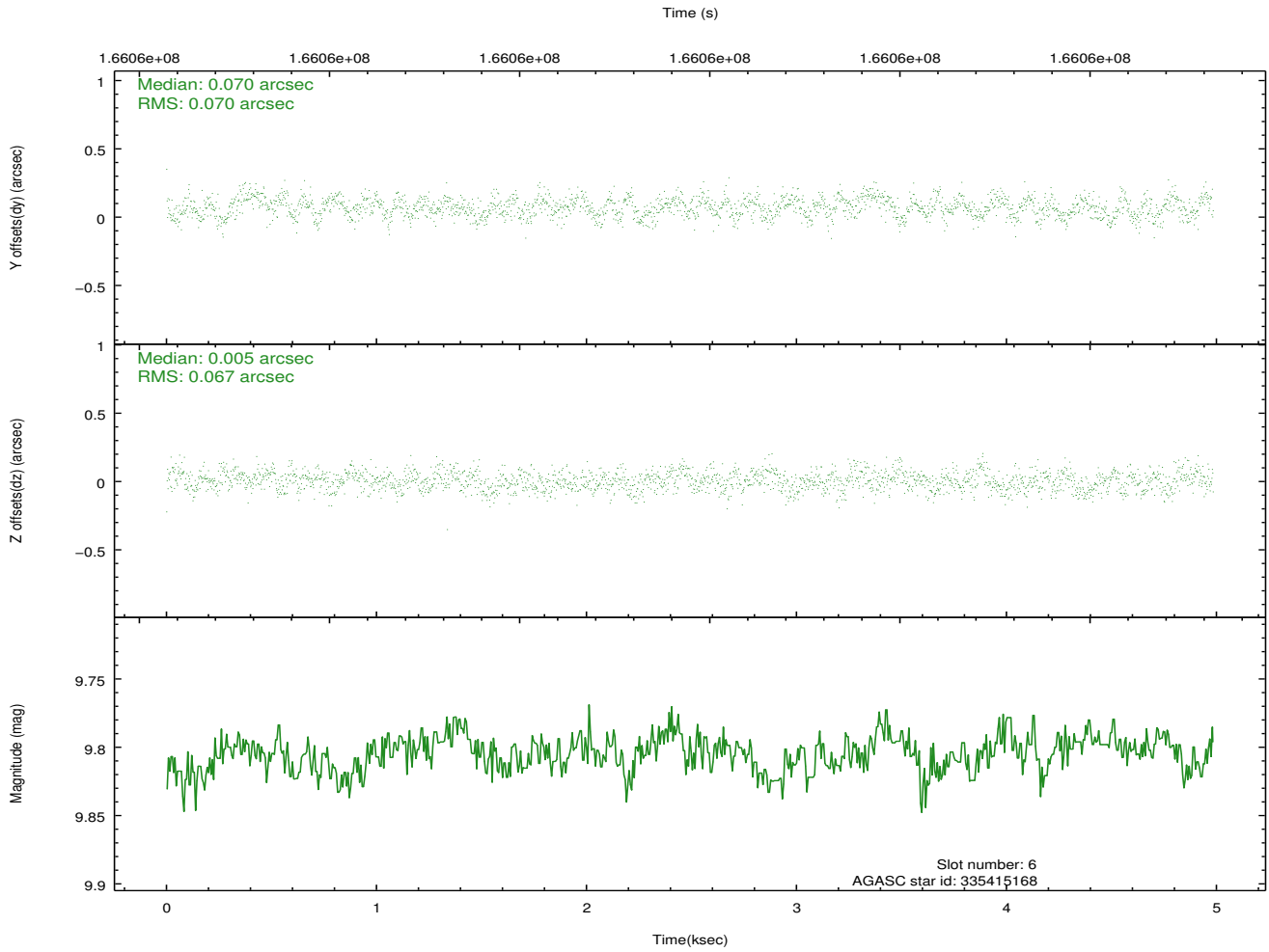
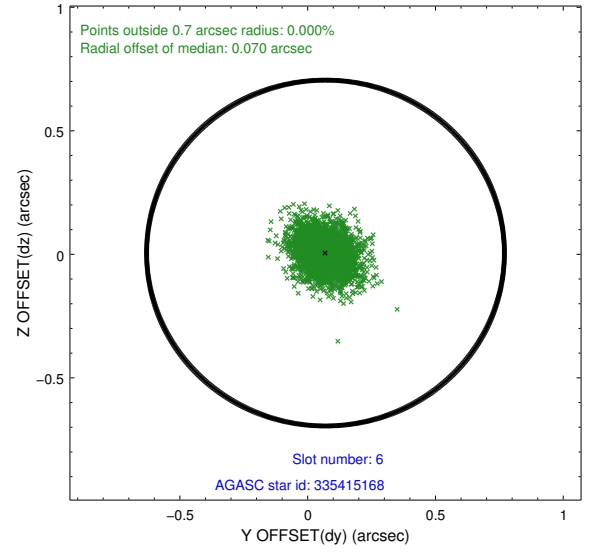
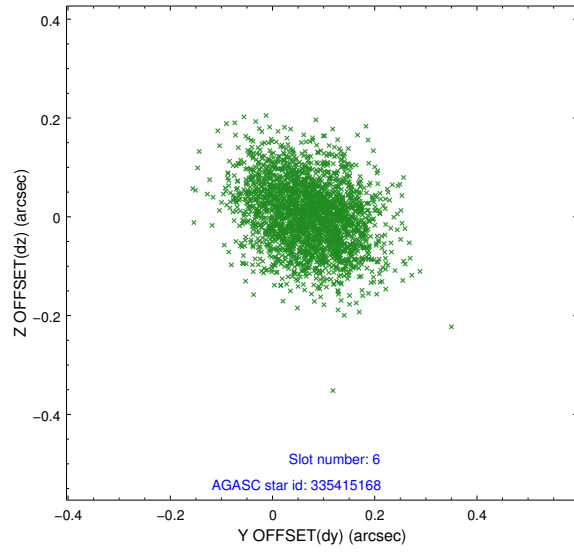
2.4.2 Slot 4



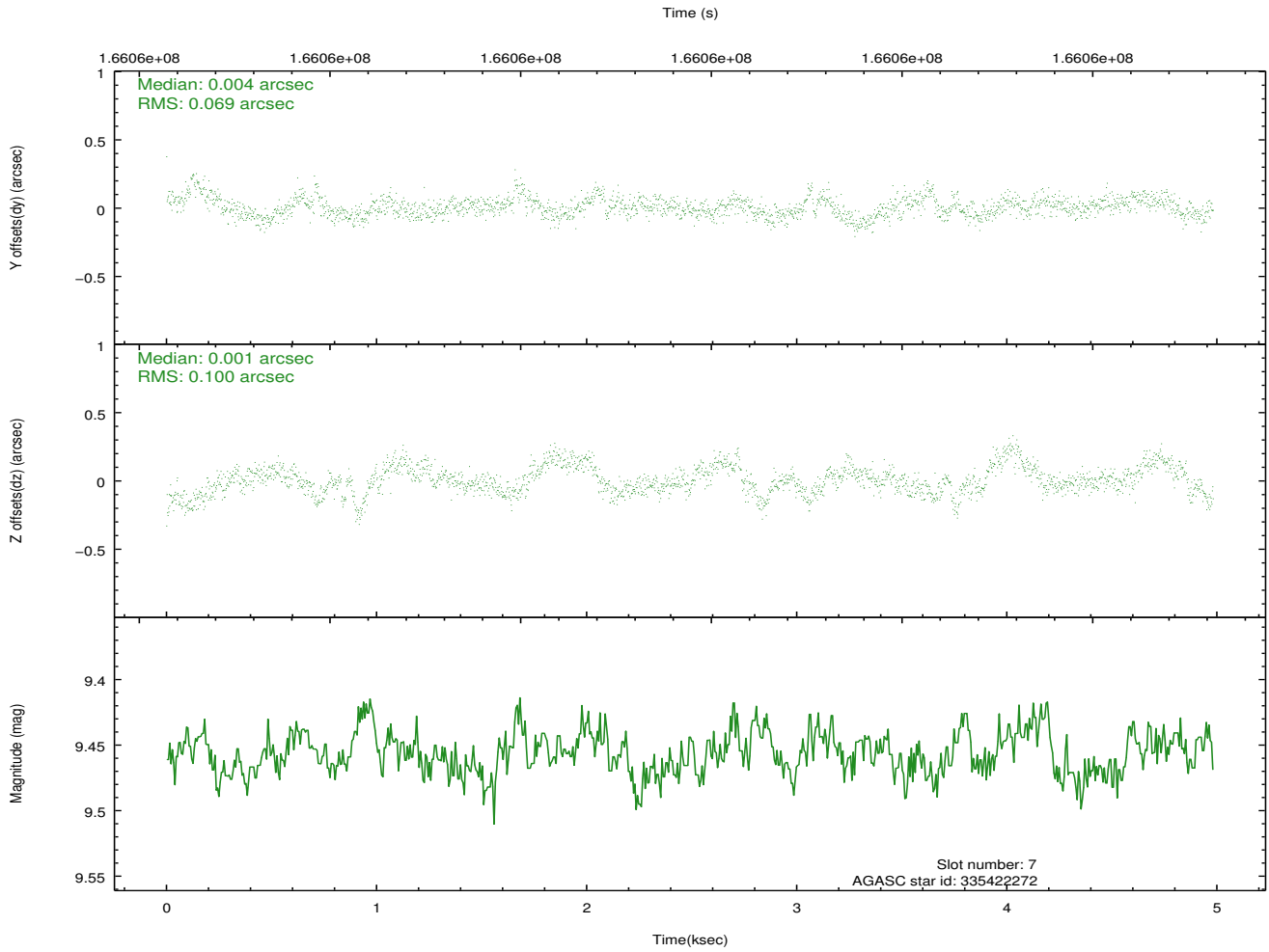
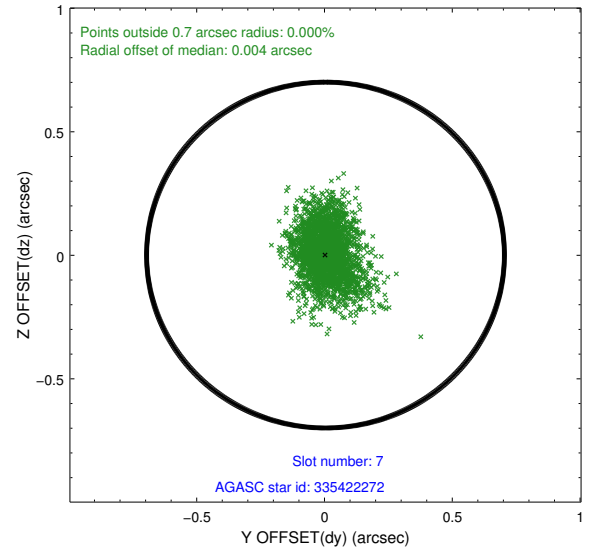
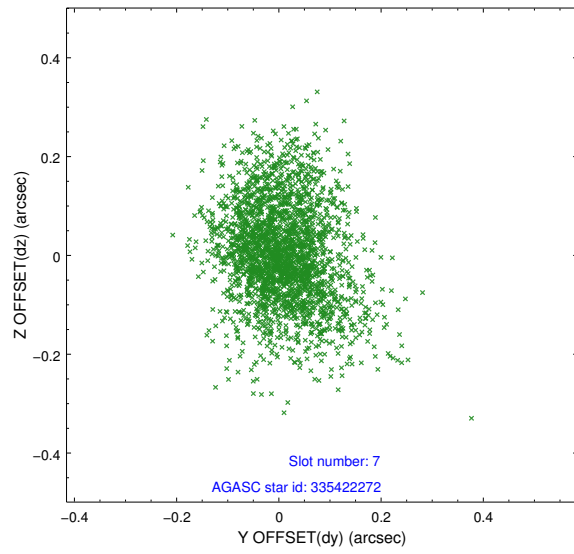
2.4.3 Slot 5



2.4.4 Slot 6

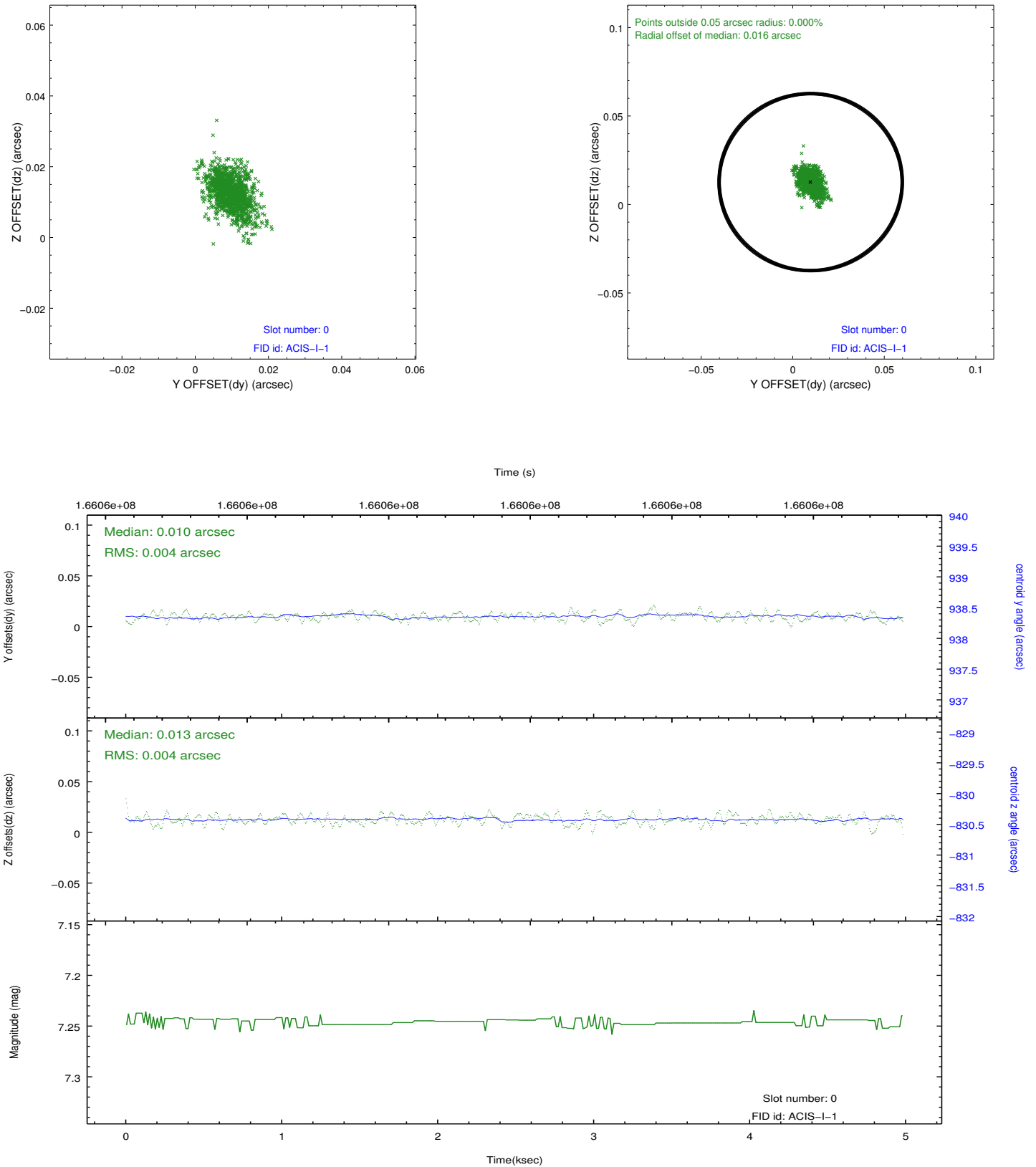


2.4.5 Slot 7

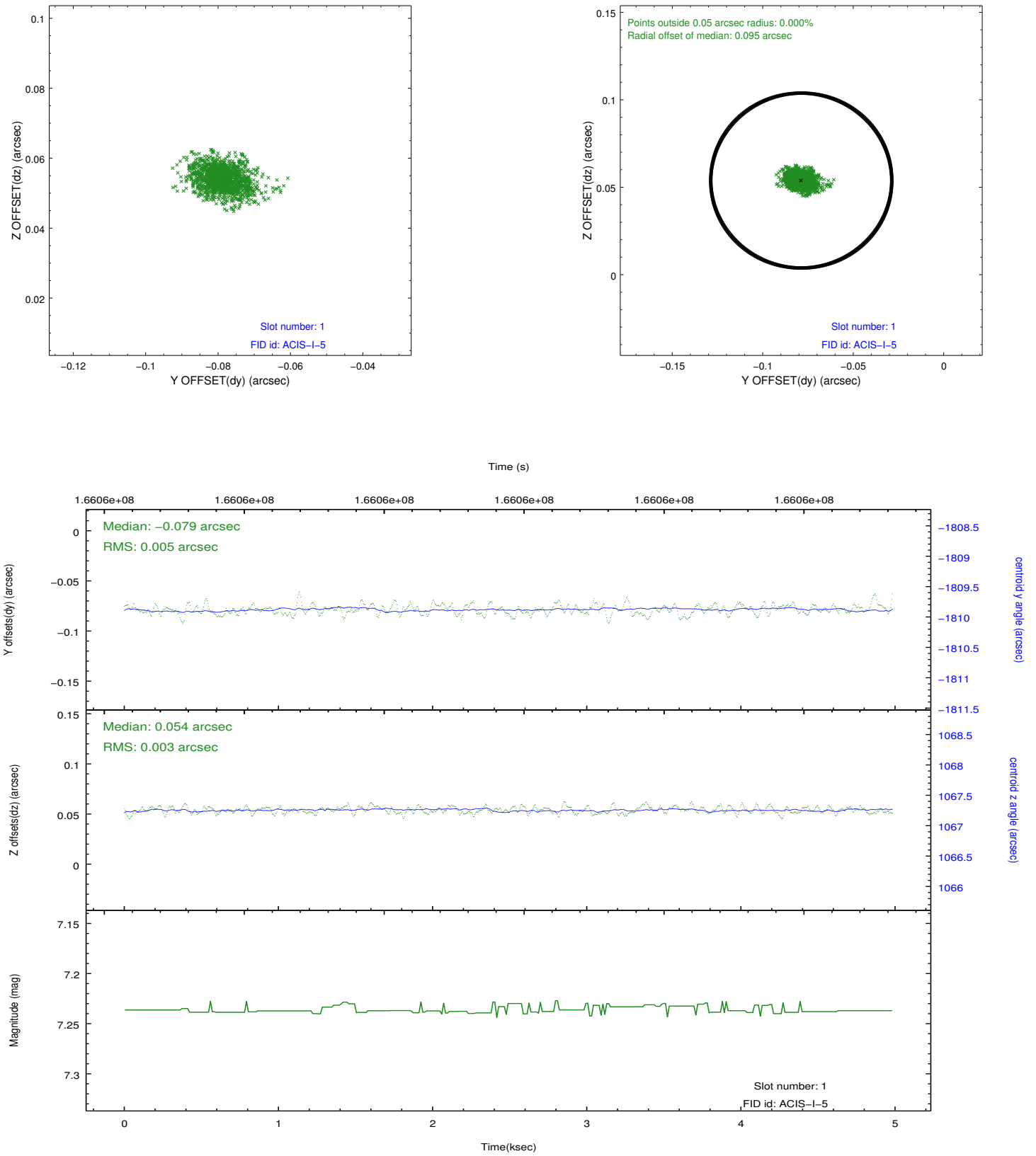


2.5 FID Slots

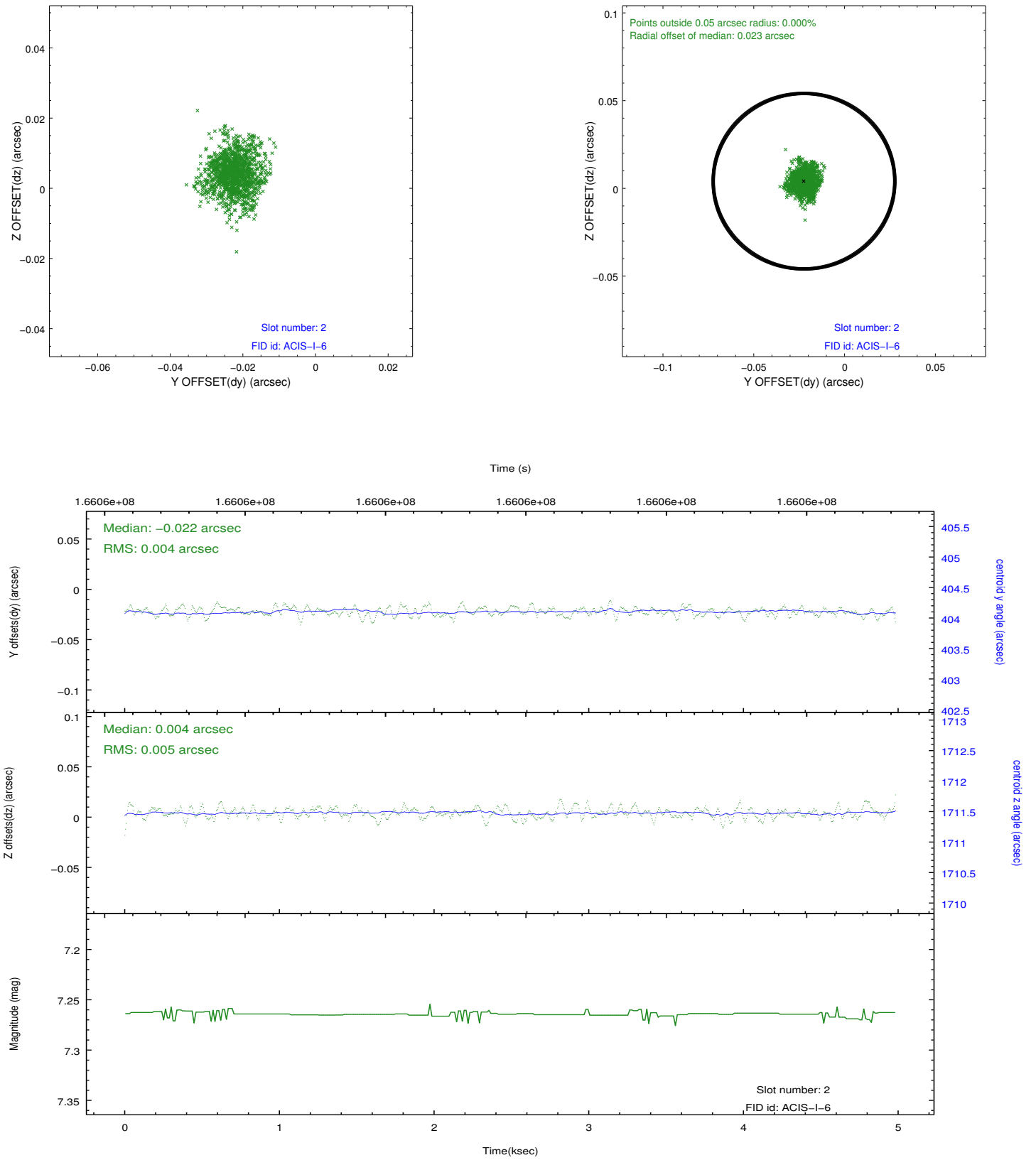
2.5.1 Slot 0



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)	2012.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.578

A.2 Comments