

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7382 - L2 Version 2
Chandra X-Ray Center

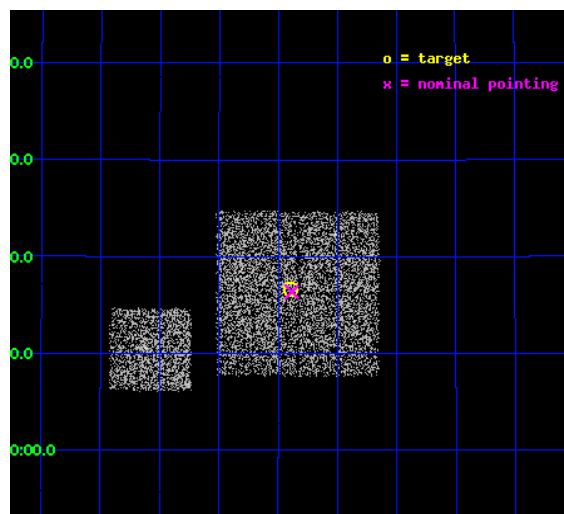
L2 Processing Date : Apr 7 2012

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1 Front

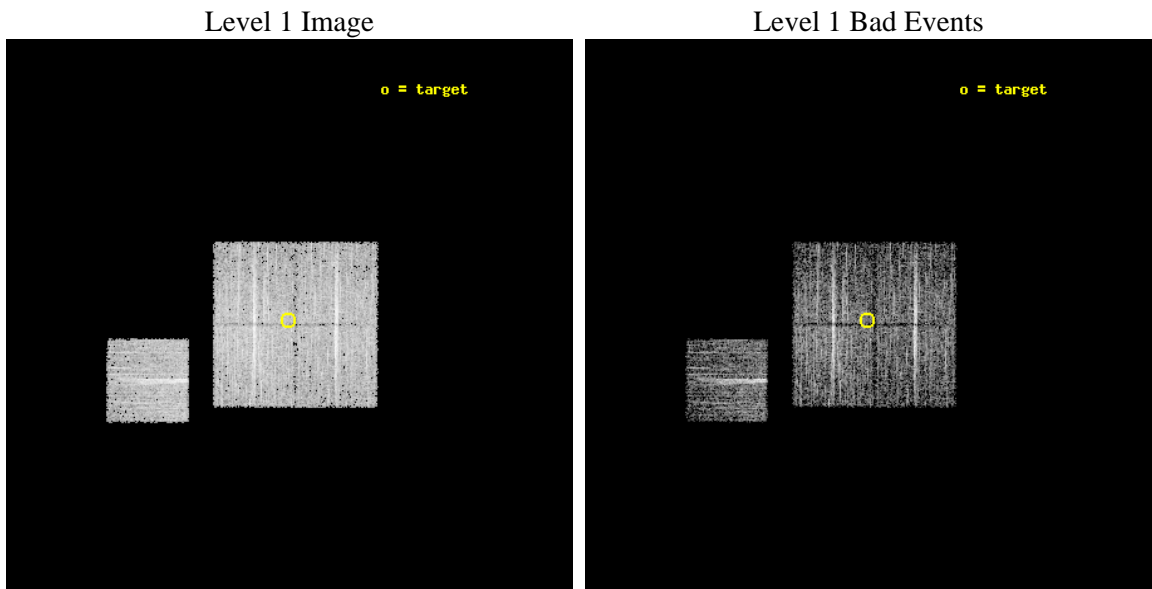
seq_num	900479	Sequence number
obs_id	7382	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr Stephen Murray	Principal investigator
object	Bootes2 25	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	219.09821	Observer's specified target RA [deg]
dec_targ	34.277211	Observer's specified target Dec [deg]
ra_nom	219.09606551254	Nominal RA [deg]
dec_nom	34.272924640324	Nominal Dec [deg]
roll_nom	270.20987598949	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4822.6045227647	Sum of GTIs [s]
livetime	4759.593644325	Livetime [s]
ontime0	4822.4814027548	Sum of GTIs [s]
ontime1	4822.5224427581	Sum of GTIs [s]
ontime2	4822.5634827614	Sum of GTIs [s]
ontime3	4822.6045227647	Sum of GTIs [s]
ontime6	4822.4403627515	Sum of GTIs [s]
l2events	12659	Number of level 2 events



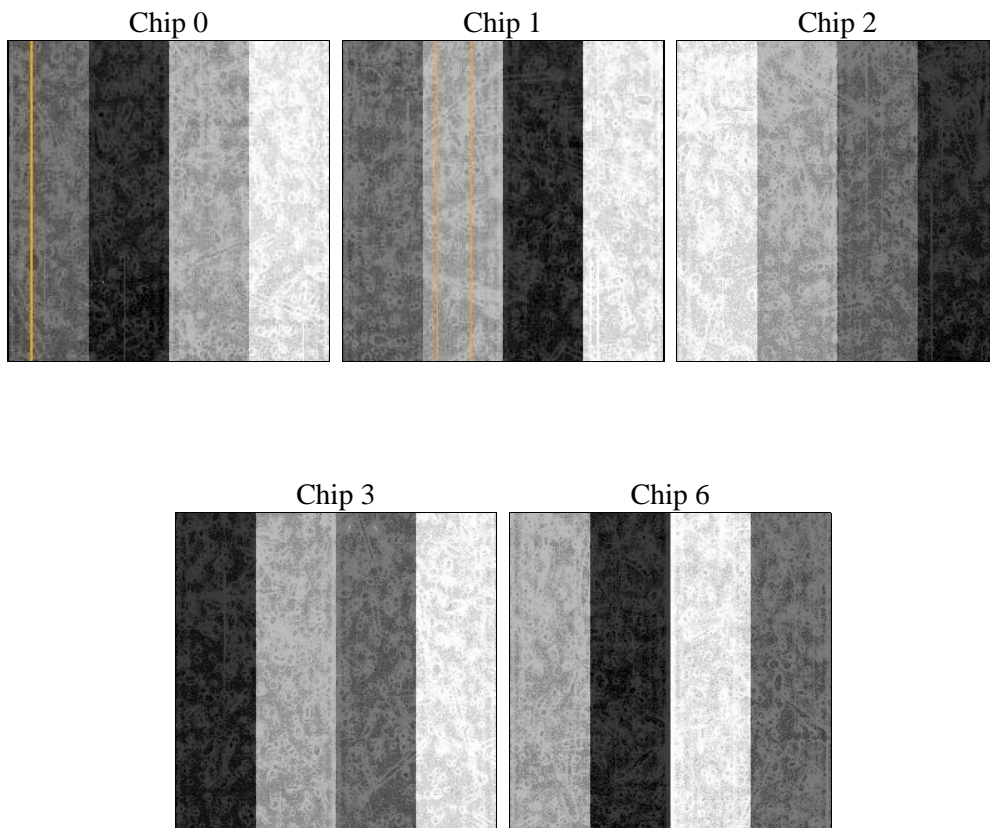
2 OBI

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	4822.6045227647	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4822.4814027548	Sum of GTIs [s]
date	2012-04-07T12:41:00	Date and time of file creation	ontime1	4822.5224427581	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4822.5634827614	Sum of GTIs [s]
			ontime3	4822.6045227647	Sum of GTIs [s]
			ontime6	4822.4403627515	Sum of GTIs [s]
			l1events	154526	Number of level 1 events

2.1.4 Events

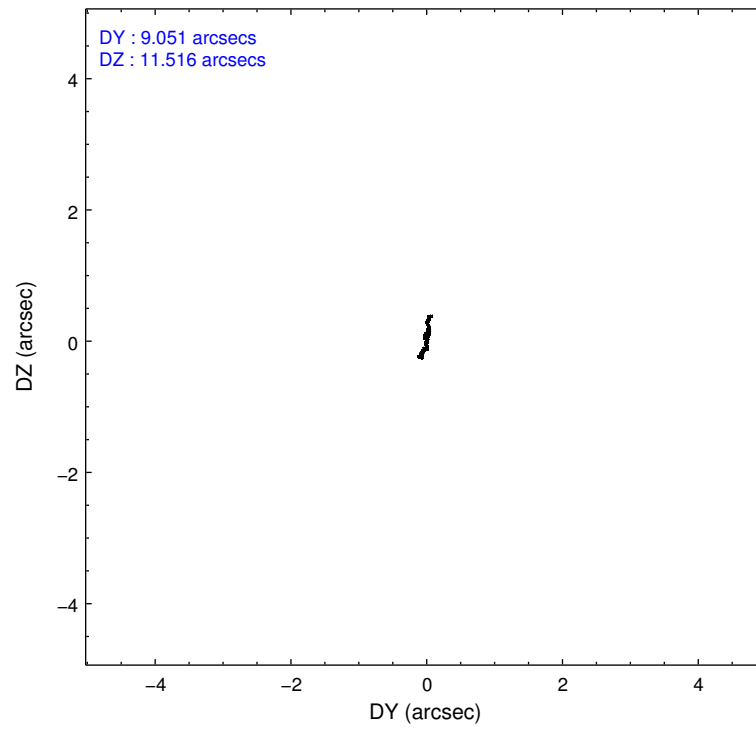
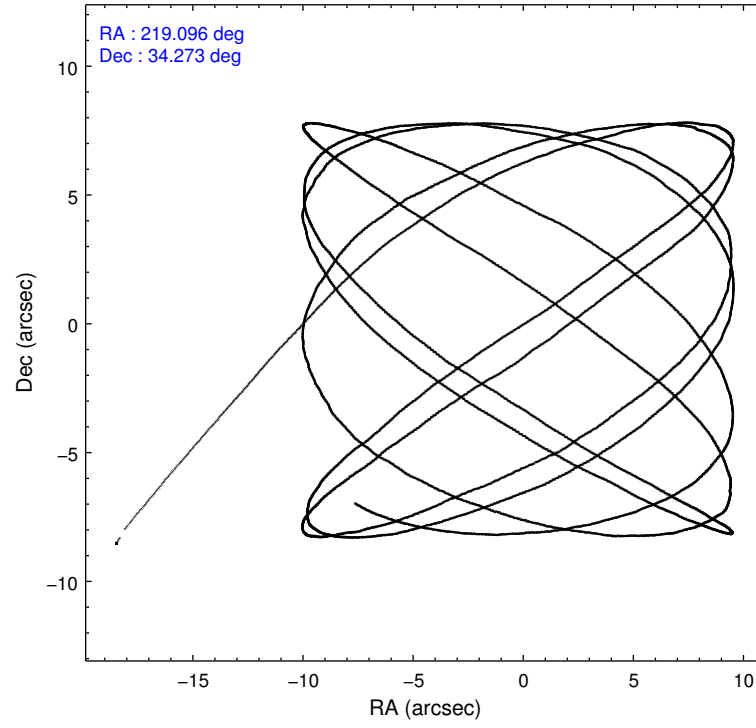
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	29381	29134	35139	30126	30746
rejected events	26279	25922	32069	27196	27502
rejected %	89%	88%	91%	90%	89%

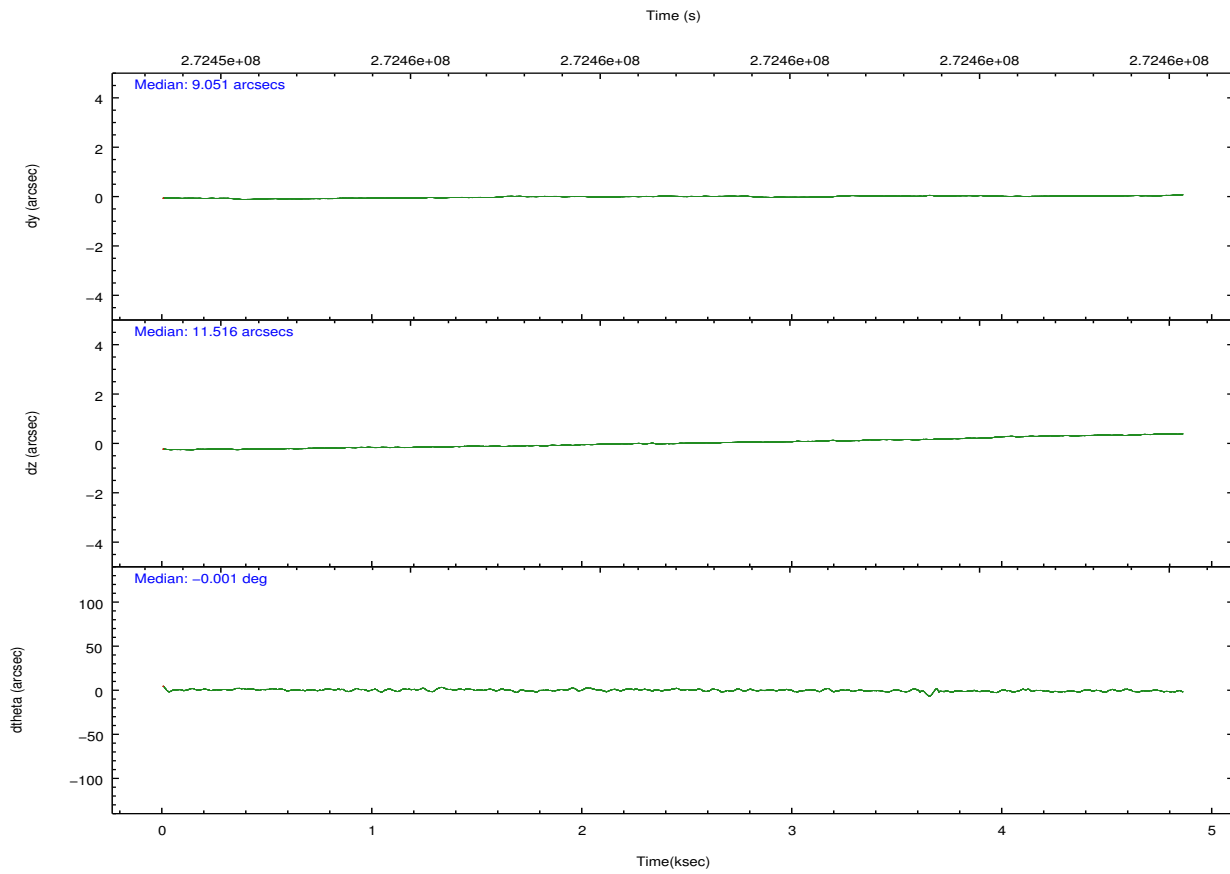
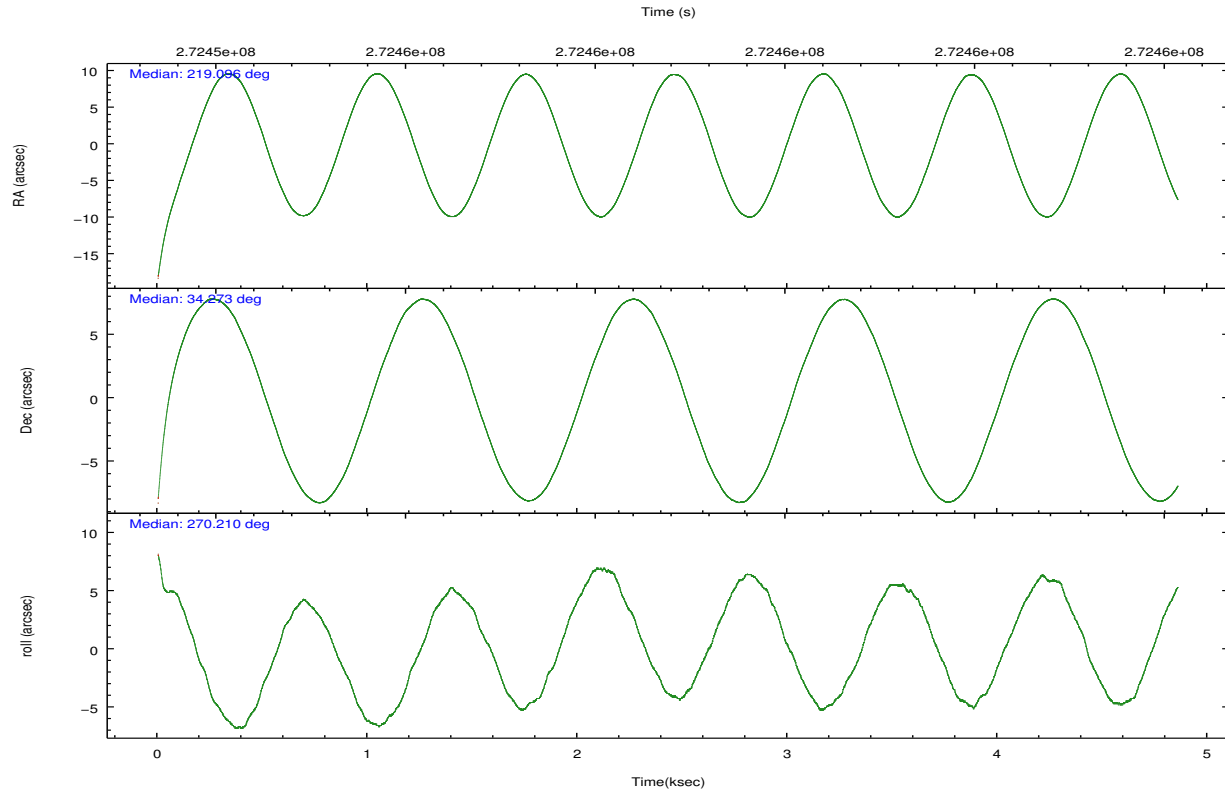
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1082	1093	1167	1130	1229
	3%	3%	3%	3%	3%
grade 1 events	16	20	23	14	15
	0%	0%	0%	0%	0%
grade 2 events	746	716	688	601	669
	2%	2%	1%	1%	2%
grade 3 events	370	351	323	336	336
	1%	1%	0%	1%	1%
grade 4 events	326	355	339	310	367
	1%	1%	0%	1%	1%
grade 5 events	939	1062	817	1093	1078
	3%	3%	2%	3%	3%
grade 6 events	584	700	558	554	647
	1%	2%	1%	1%	2%
grade 7 events	25318	24837	31224	26088	26405
	86%	85%	88%	86%	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	219.079228	219.0960655125369	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.296531	34.27292464032394	Alternating exposures requested	N	N
[deg] Pointing Roll	270.010689	270.209875989489	[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)	272454116.184000	272453005.41064			
Observation start date	2006-08-20T09:40:51	2006-08-20T09:23:25			
[s] Observation end time (MET)	272458816.184000	272458950.41092			
Observation end date	2006-08-20T10:59:11	2006-08-20T11:02:30			
Read mode	TIMED	TIMED			

2.3 Aspect



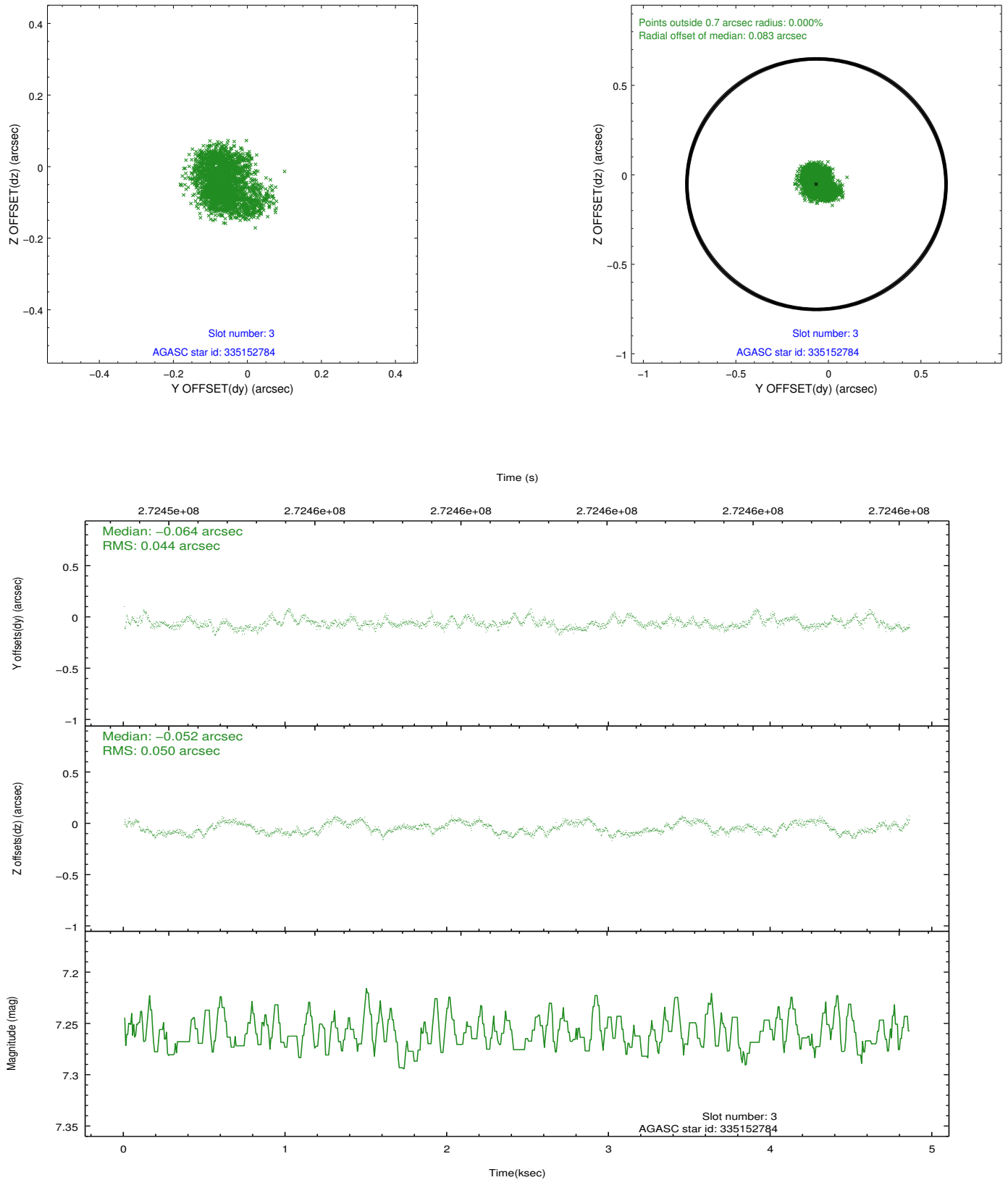


Slot Statistics

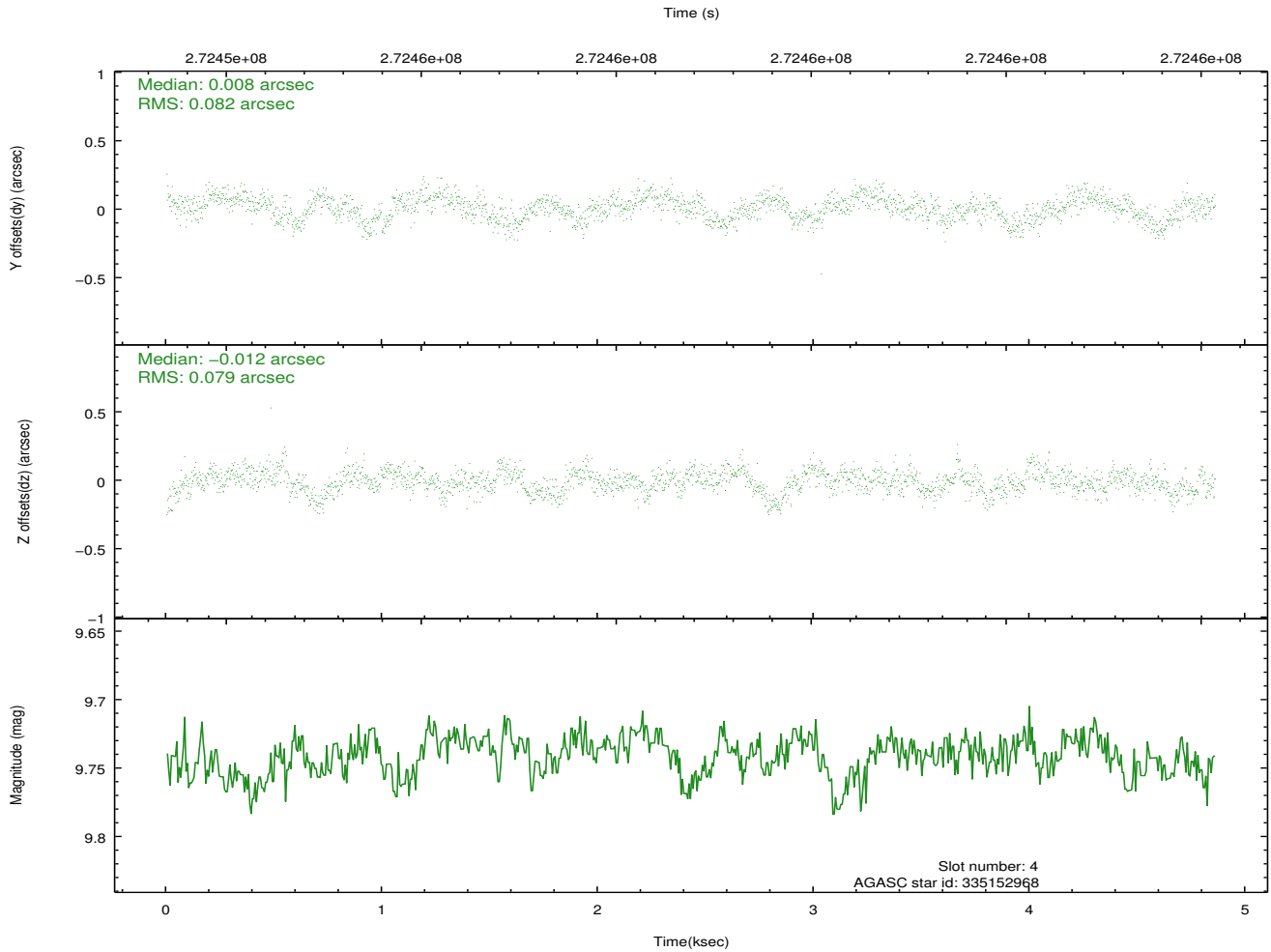
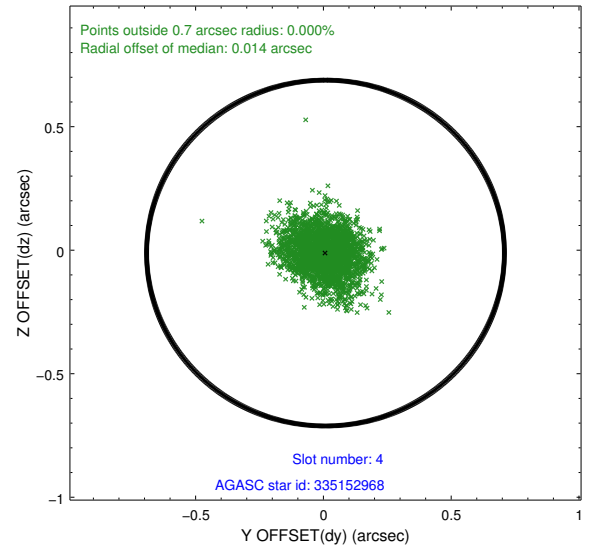
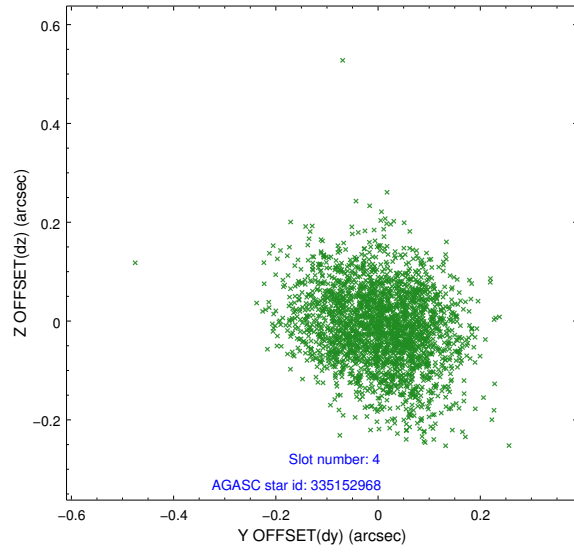
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1185	-0.031	-0.004	0.010	0.017	0.000000	0.000000	930.54	-835.06
1	FID	ACIS-I-2	7.14	1185	-0.191	-0.071	0.007	0.011	0.000000	0.000000	-763.01	-842.17
2	FID	ACIS-I-4	7.16	1183	0.124	0.143	0.008	0.015	0.000000	0.000000	2150.04	1064.23
3	GUIDE	335152784	7.26	2370	-0.064	-0.052	0.073	0.112	219.280617	33.678221	2225.74	603.09
4	GUIDE	335152968	9.74	2366	0.008	-0.012	0.121	0.196	219.446087	34.867883	-2057.25	1084.44
5	GUIDE	335155824	8.93	2367	-0.082	-0.006	0.087	0.136	219.689900	34.035435	934.06	1822.16
6	GUIDE	335157088	9.08	2370	0.161	0.037	0.098	0.157	219.274029	33.726909	2051.03	583.85
7	GUIDE	335023304	8.42	2367	-0.022	0.041	0.072	0.116	218.883608	34.686545	-1403.70	-578.49

2.4 Star Slots

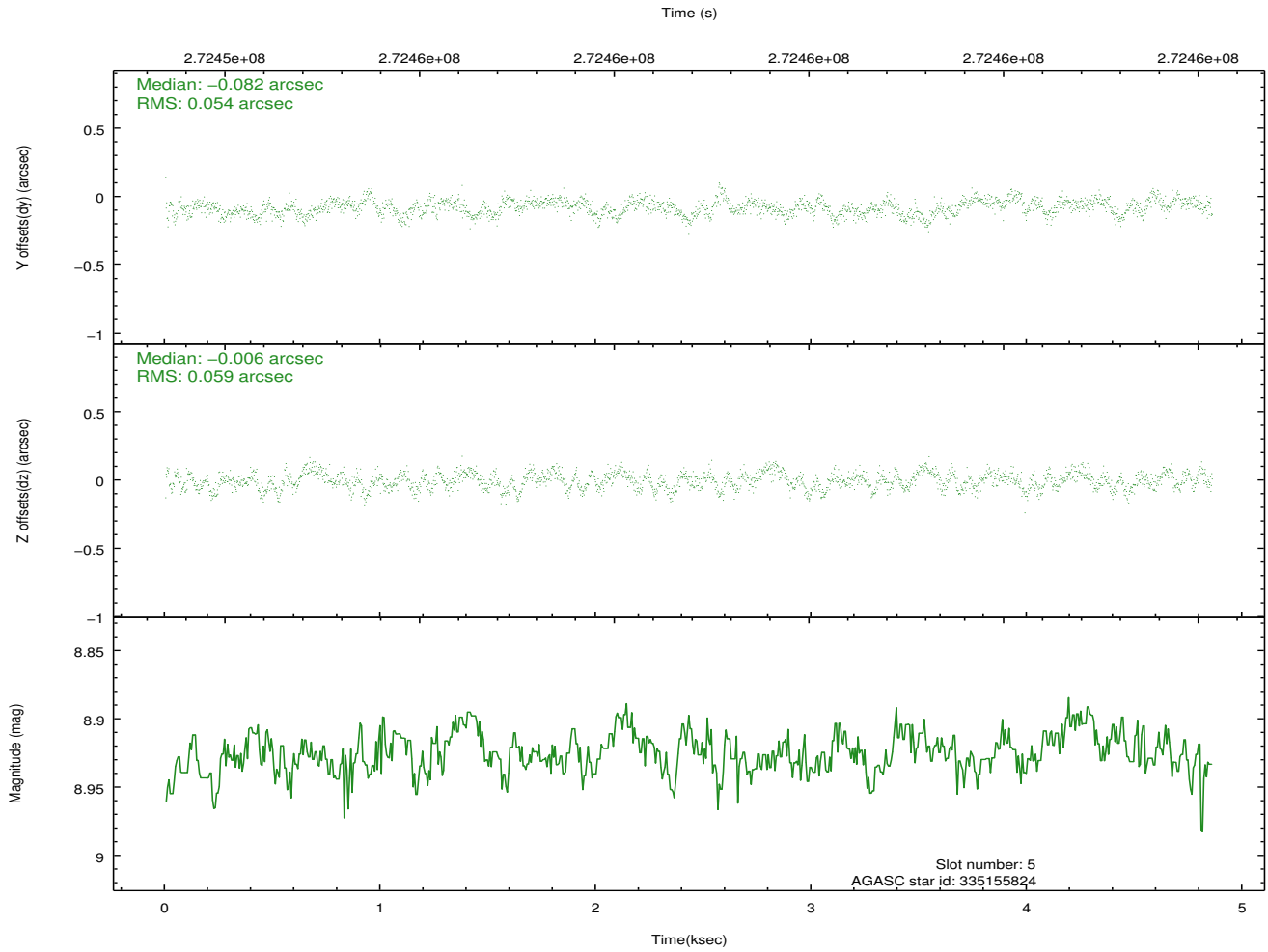
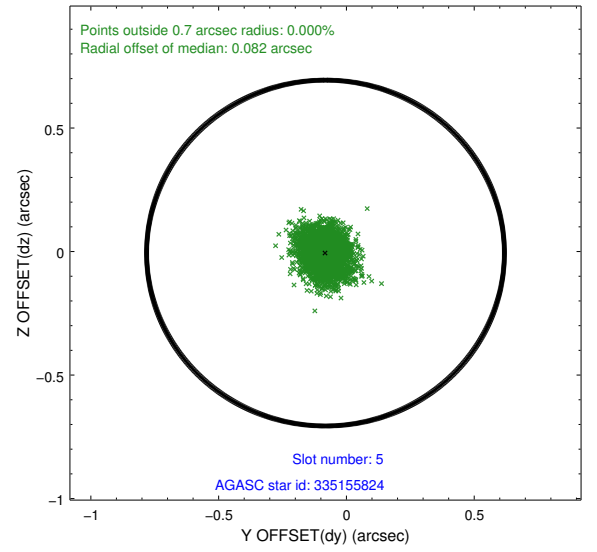
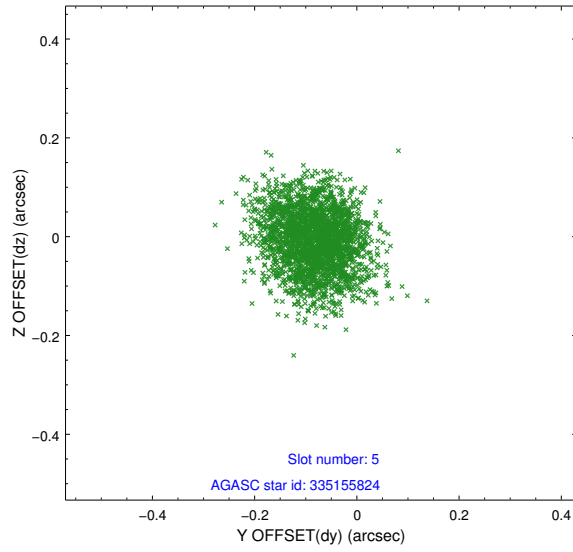
2.4.1 Slot 3



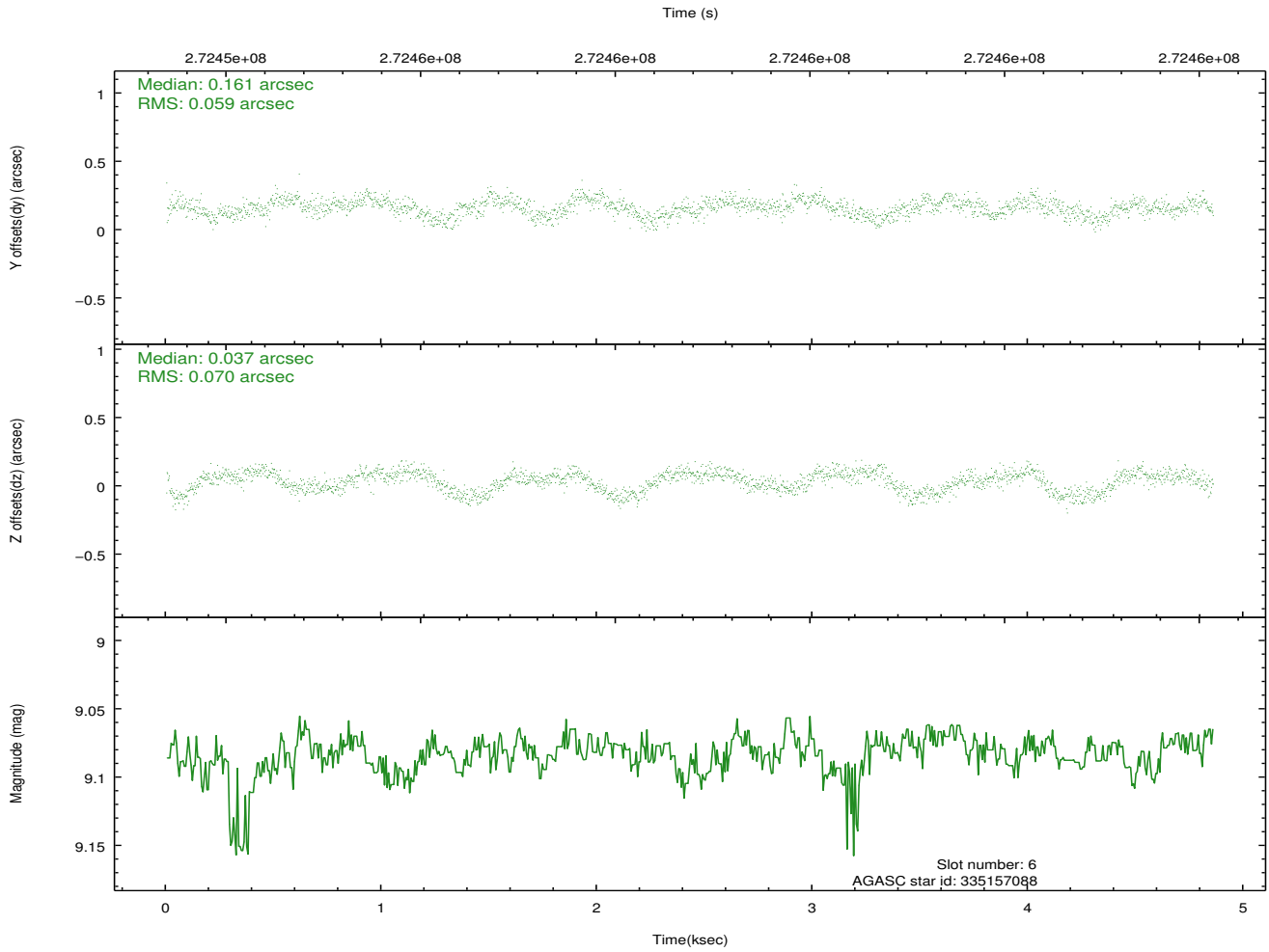
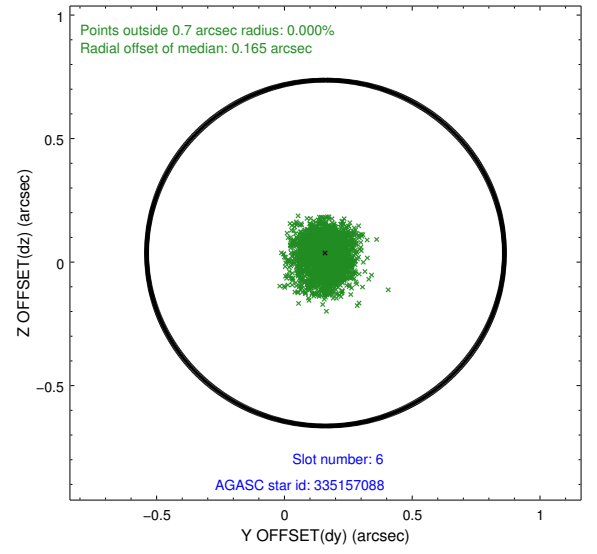
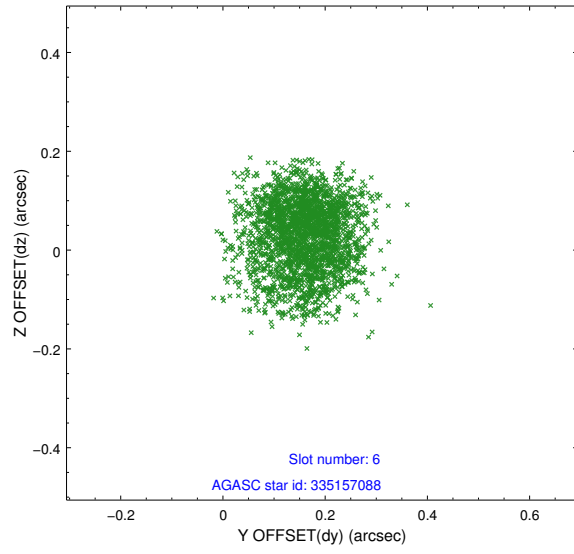
2.4.2 Slot 4



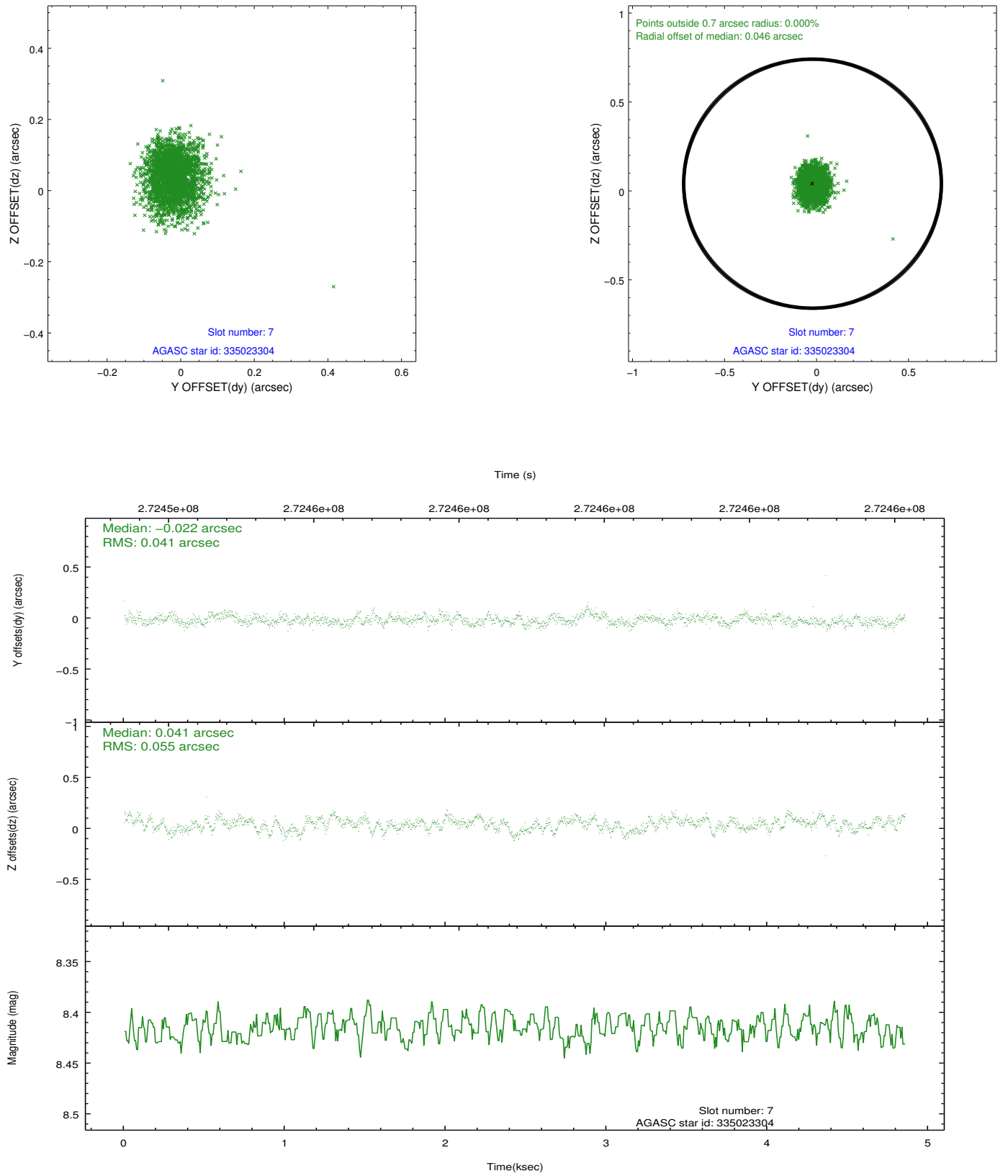
2.4.3 Slot 5



2.4.4 Slot 6

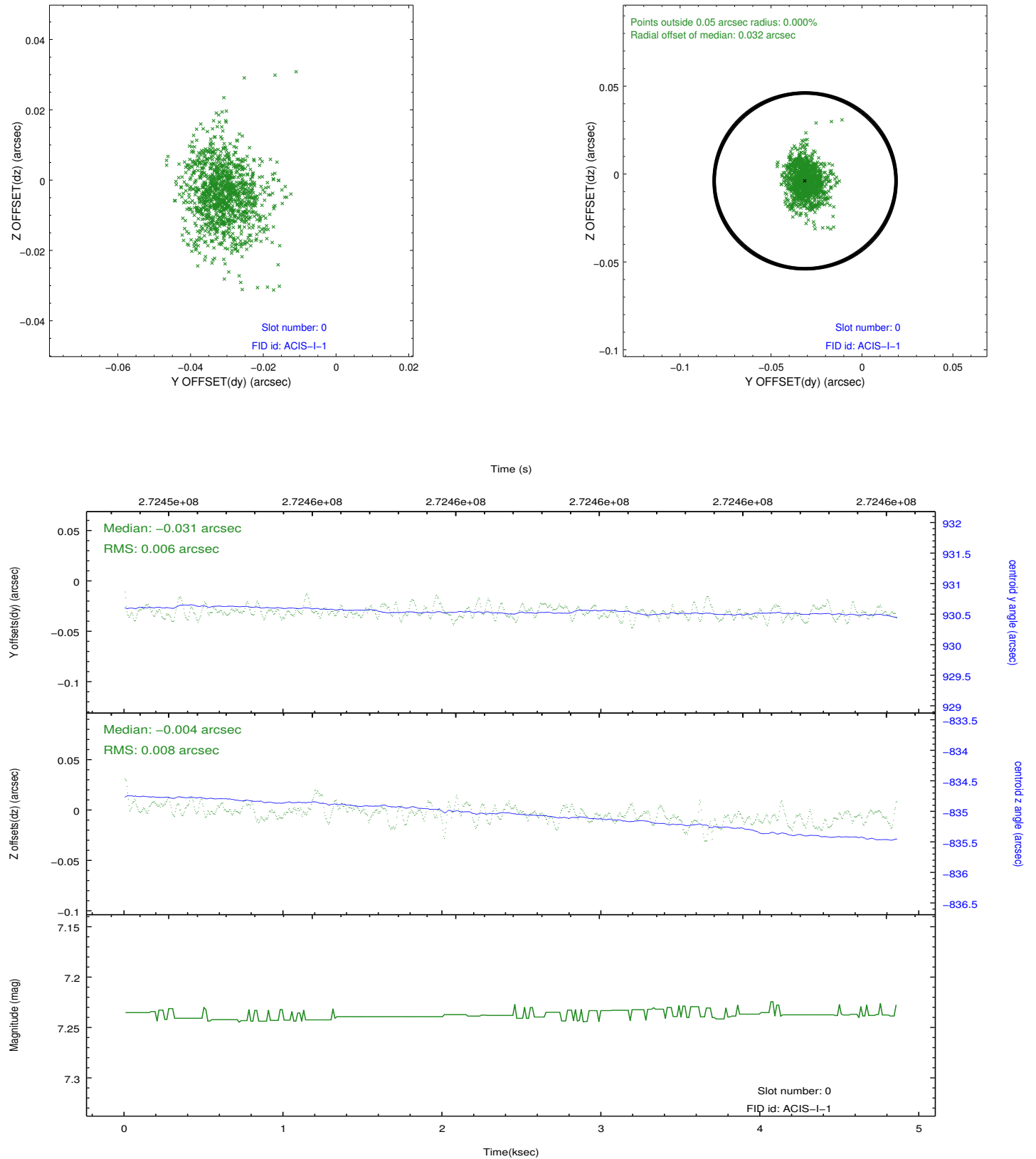


2.4.5 Slot 7

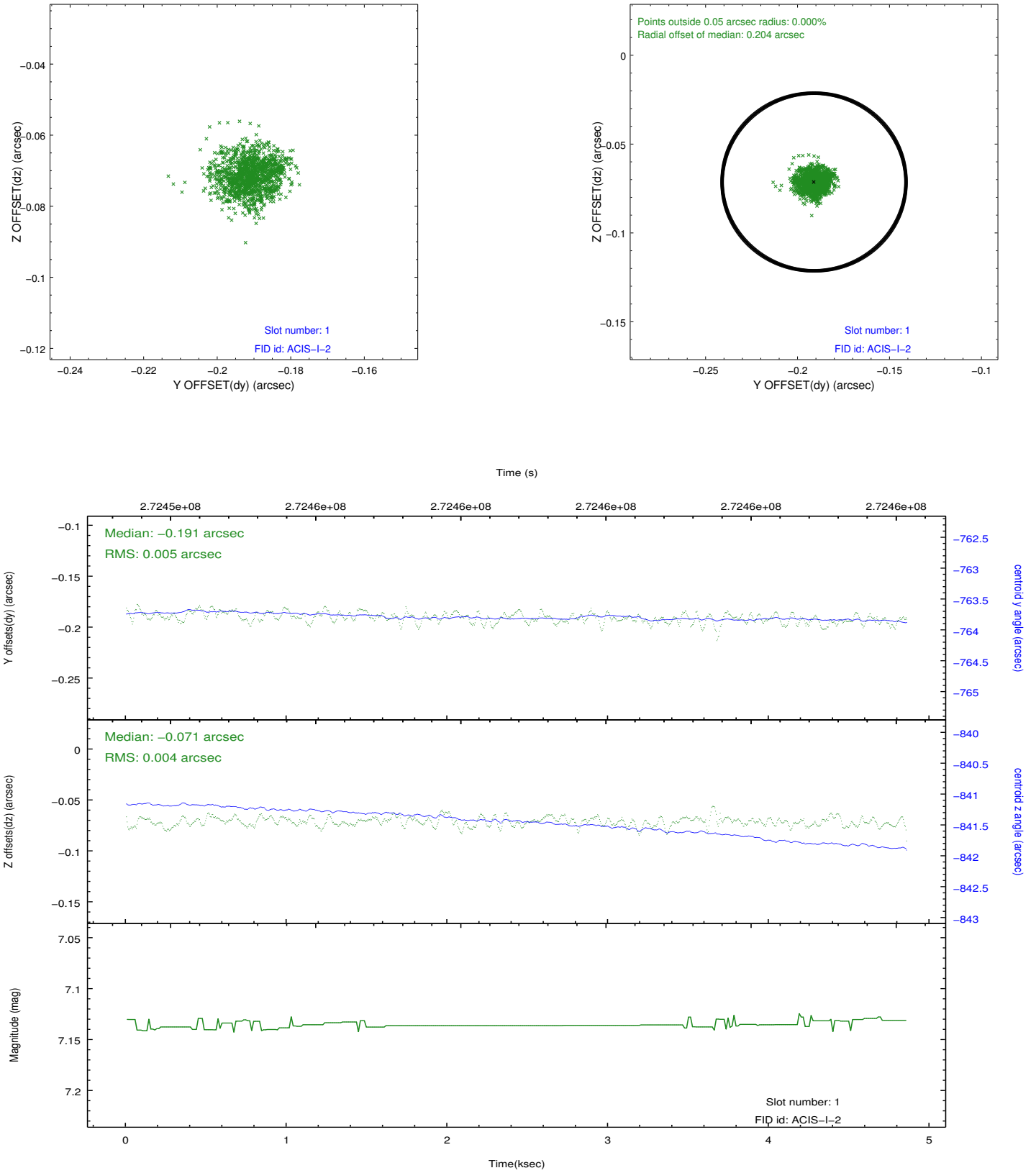


2.5 FID Slots

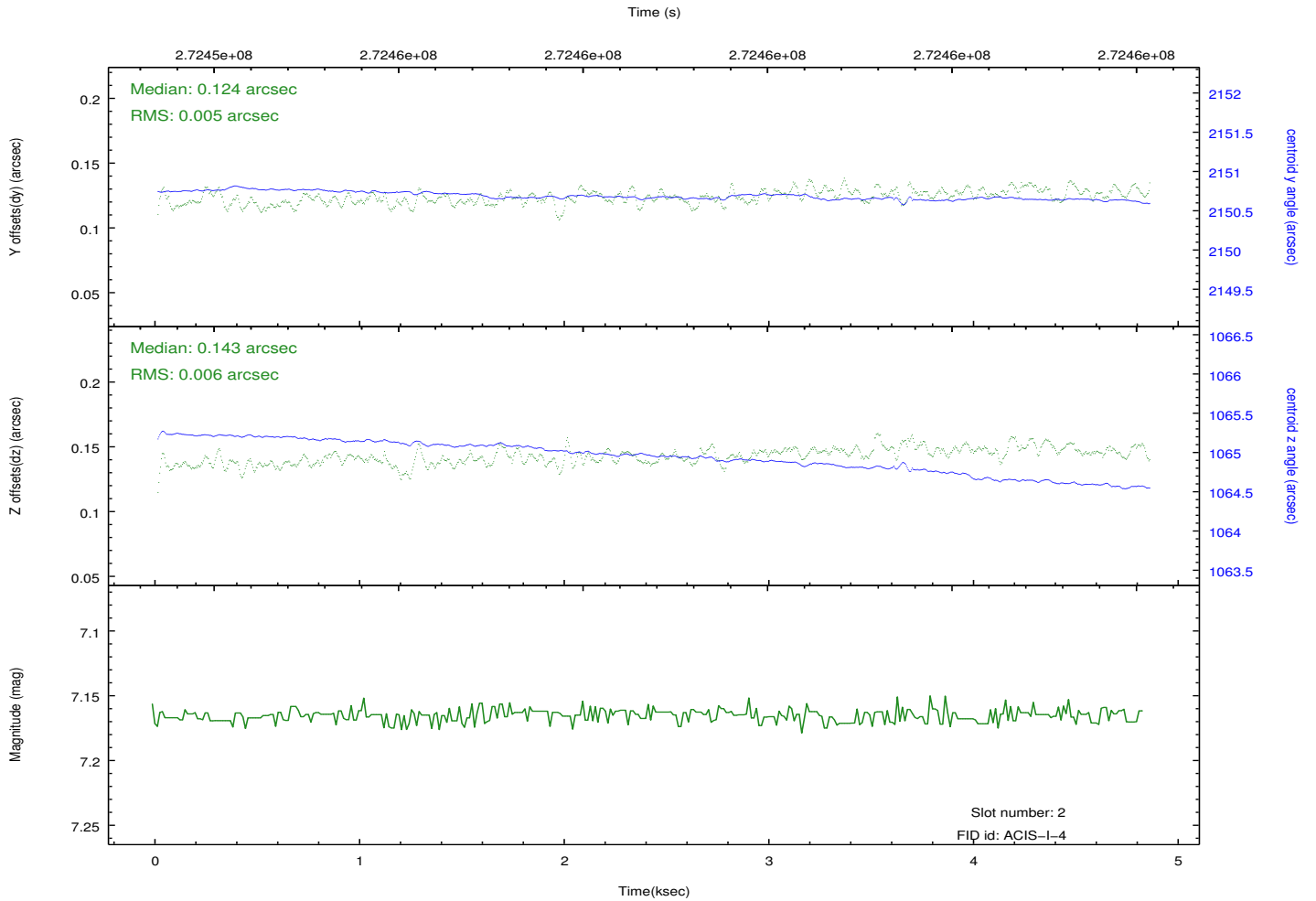
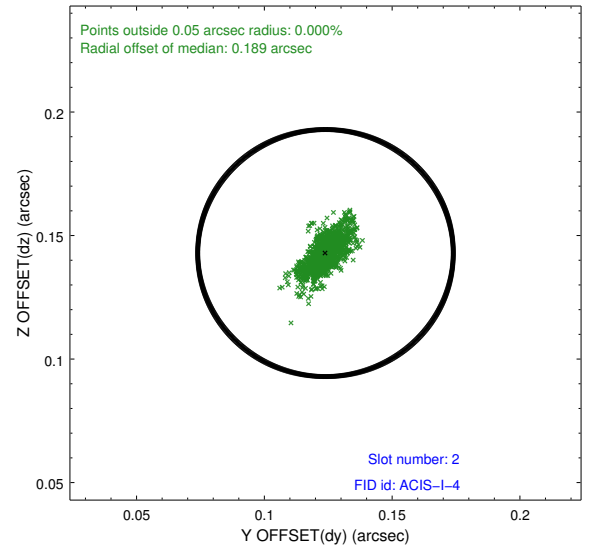
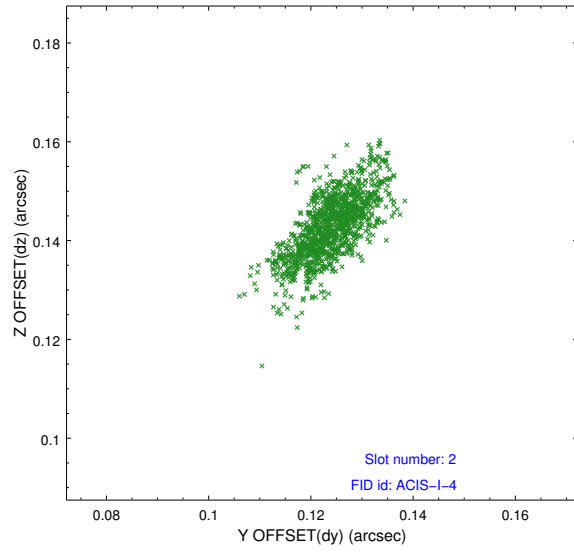
2.5.1 Slot 0



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	4.82360003

A.2 Comments