

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6979 - L2 Version 2
Chandra X-Ray Center

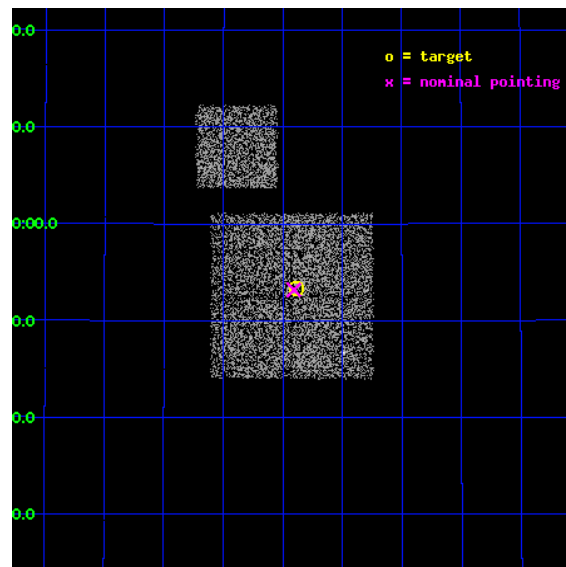
L2 Processing Date : Apr 12 2012

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1 Front

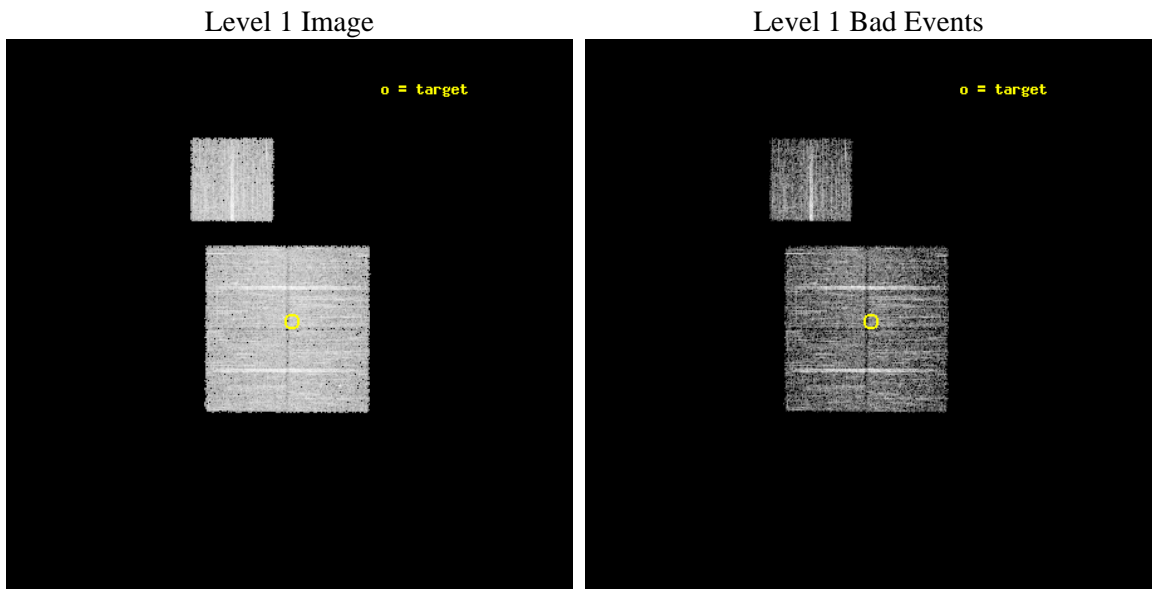
seq_num	900395	Sequence number
obs_id	6979	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr. Stephen Murray	Principal investigator
object	Bootes2 1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	219.096717	Observer's specified target RA [deg]
dec_targ	33.888297	Observer's specified target Dec [deg]
ra_nom	219.10181057593	Nominal RA [deg]
dec_nom	33.886597780621	Nominal Dec [deg]
roll_nom	0.20591224422071	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5176.95906955	Sum of GTIs [s]
livetime	5109.3182880845	Livetime [s]
ontime0	5180.1000398397	Sum of GTIs [s]
ontime1	5180.1000398397	Sum of GTIs [s]
ontime2	5180.1000398397	Sum of GTIs [s]
ontime3	5176.95906955	Sum of GTIs [s]
ontime6	5180.1000398397	Sum of GTIs [s]
l2events	14554	Number of level 2 events



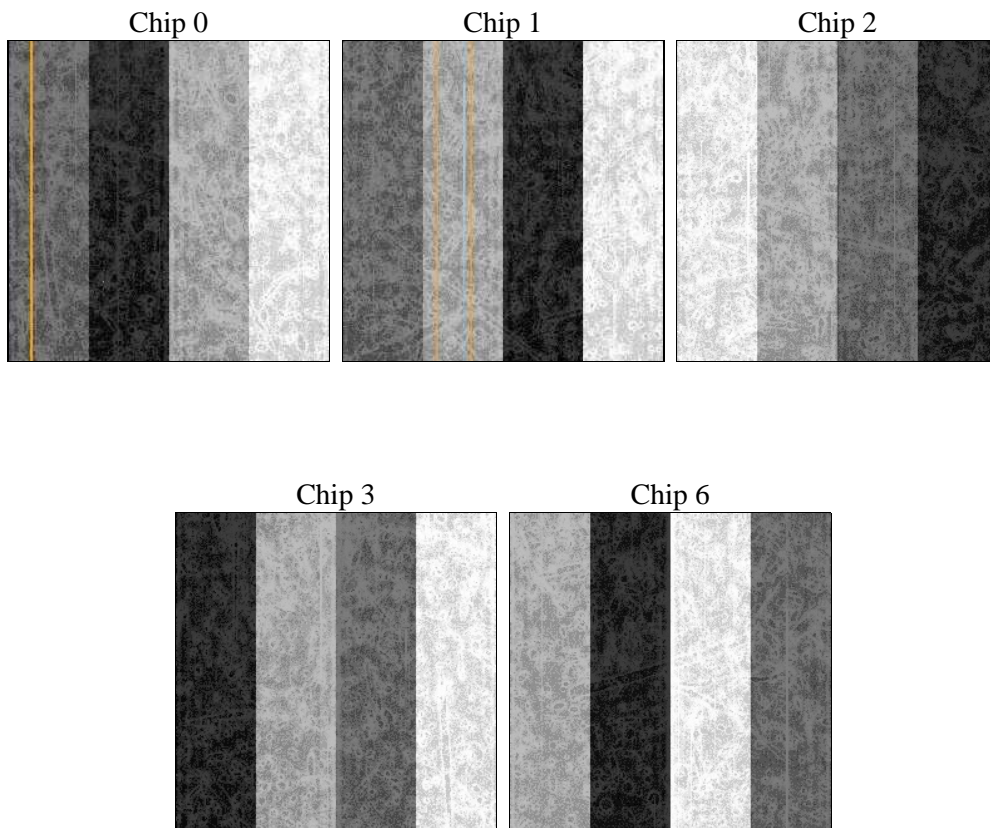
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	5176.95906955	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5180.1000398397	Sum of GTIs [s]
date	2012-04-12T22:55:10	Date and time of file creation	ontime1	5180.1000398397	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5180.1000398397	Sum of GTIs [s]
			ontime3	5176.95906955	Sum of GTIs [s]
			ontime6	5180.1000398397	Sum of GTIs [s]
			l1events	209283	Number of level 1 events

2.1.4 Events

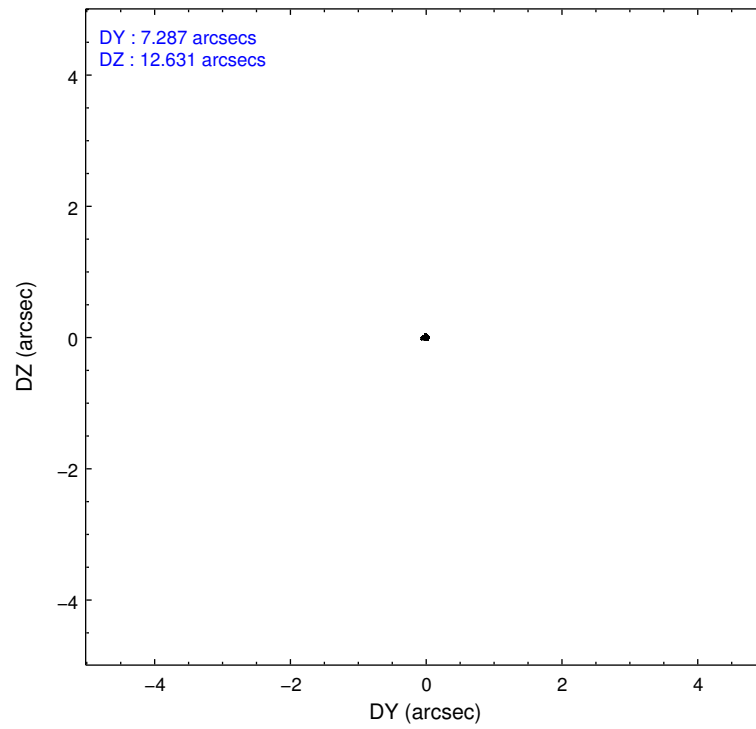
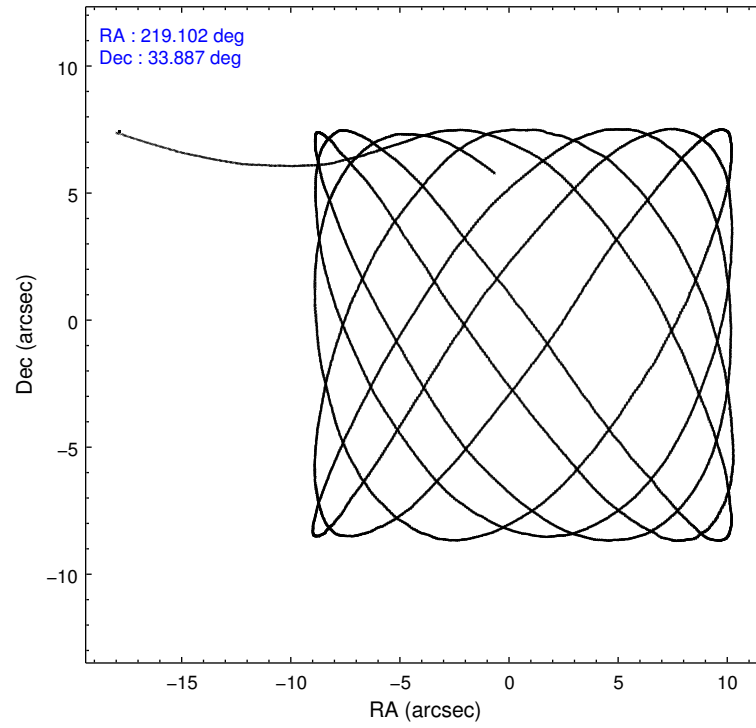
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	39563	39914	45391	41802	42613
rejected events	35986	36126	41884	38413	38994
rejected %	90%	90%	92%	91%	91%

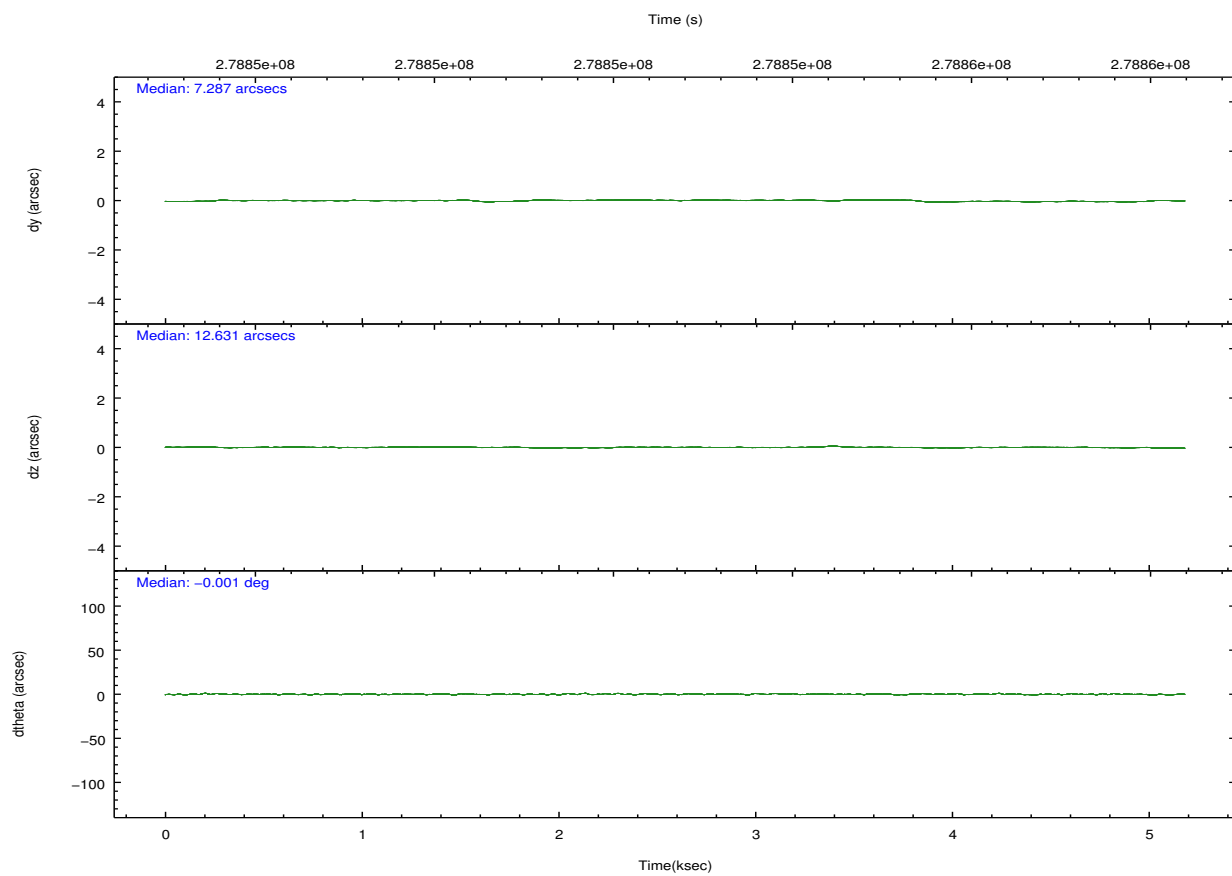
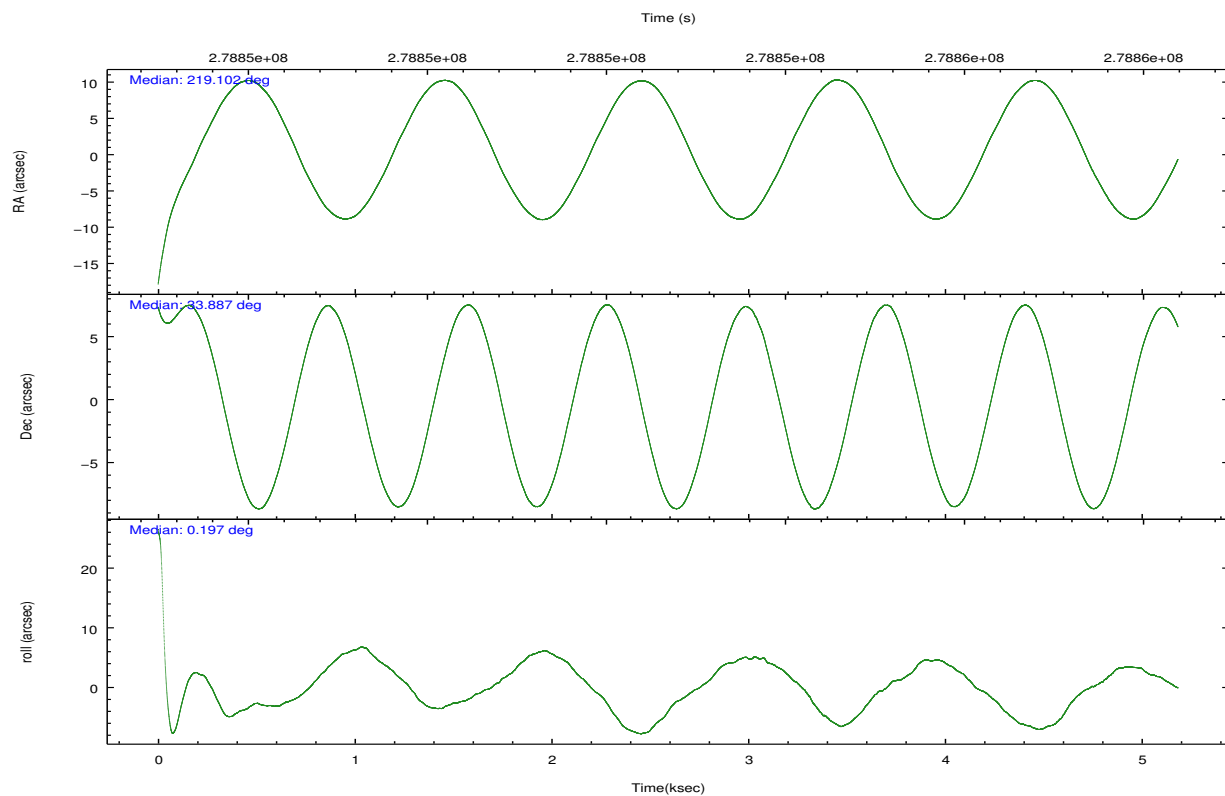
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1455	1545	1465	1391	1461
	3%	3%	3%	3%	3%
grade 1 events	27	24	29	30	11
	0%	0%	0%	0%	0%
grade 2 events	993	945	983	878	884
	2%	2%	2%	2%	2%
grade 3 events	437	538	389	454	450
	1%	1%	0%	1%	1%
grade 4 events	421	518	427	410	442
	1%	1%	0%	0%	1%
grade 5 events	1211	1418	1105	1444	1405
	3%	3%	2%	3%	3%
grade 6 events	744	823	684	758	842
	1%	2%	1%	1%	1%
grade 7 events	34275	34103	40309	36437	37118
	86%	85%	88%	87%	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	219.073438	219.1018105759283	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.872623	33.88659778062068	Alternating exposures requested	N	N
[deg] Pointing Roll	0.012972	0.2059122442207132	[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)	278850934.184000	278849584.83676			
Observation start date	2006-11-02T10:34:29	2006-11-02T10:13:04			
[s] Observation end time (MET)	278855934.184000	278856829.5371			
Observation end date	2006-11-02T11:57:49	2006-11-02T12:13:49			
Read mode	TIMED	TIMED			

2.3 Aspect



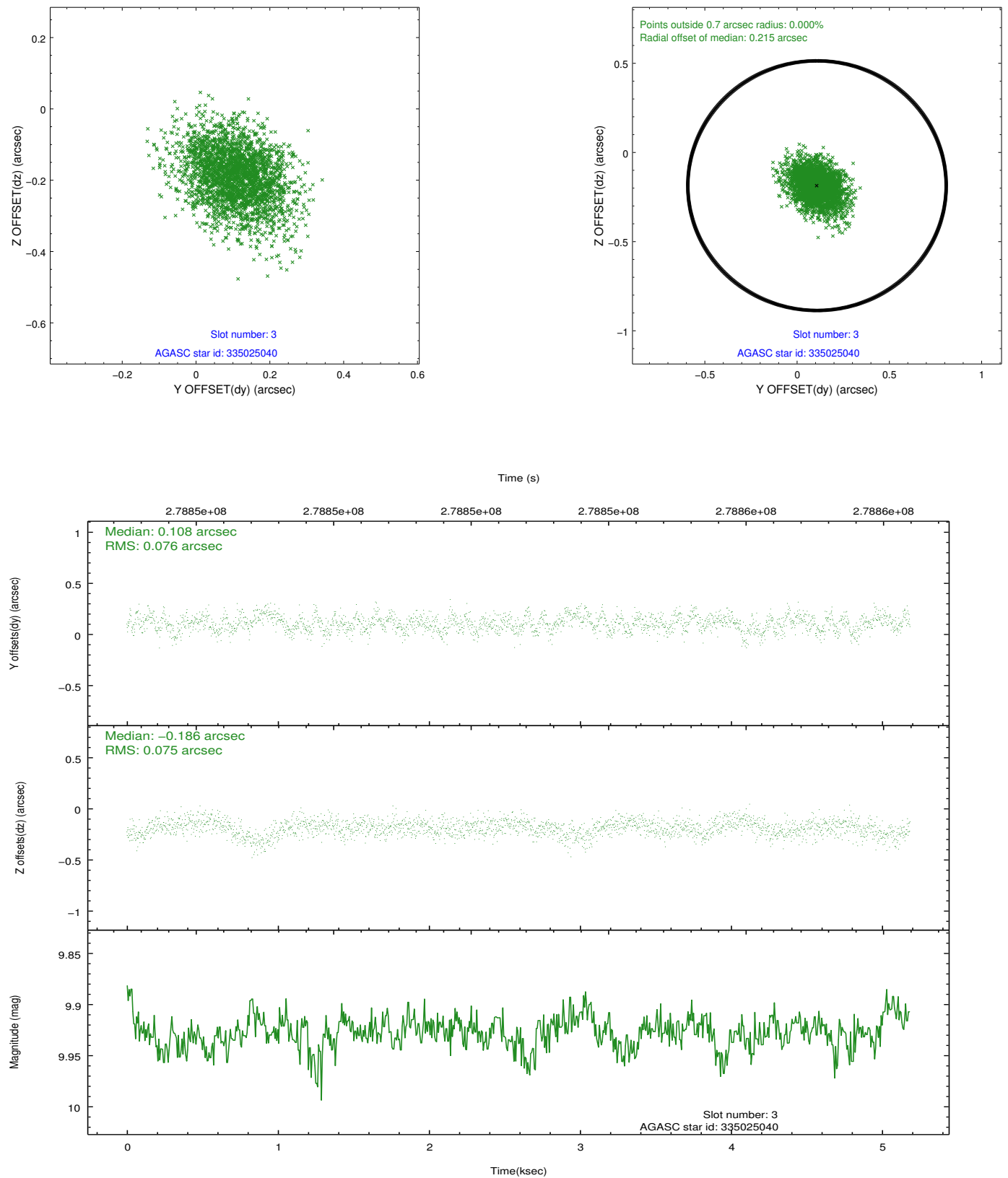


Slot Statistics

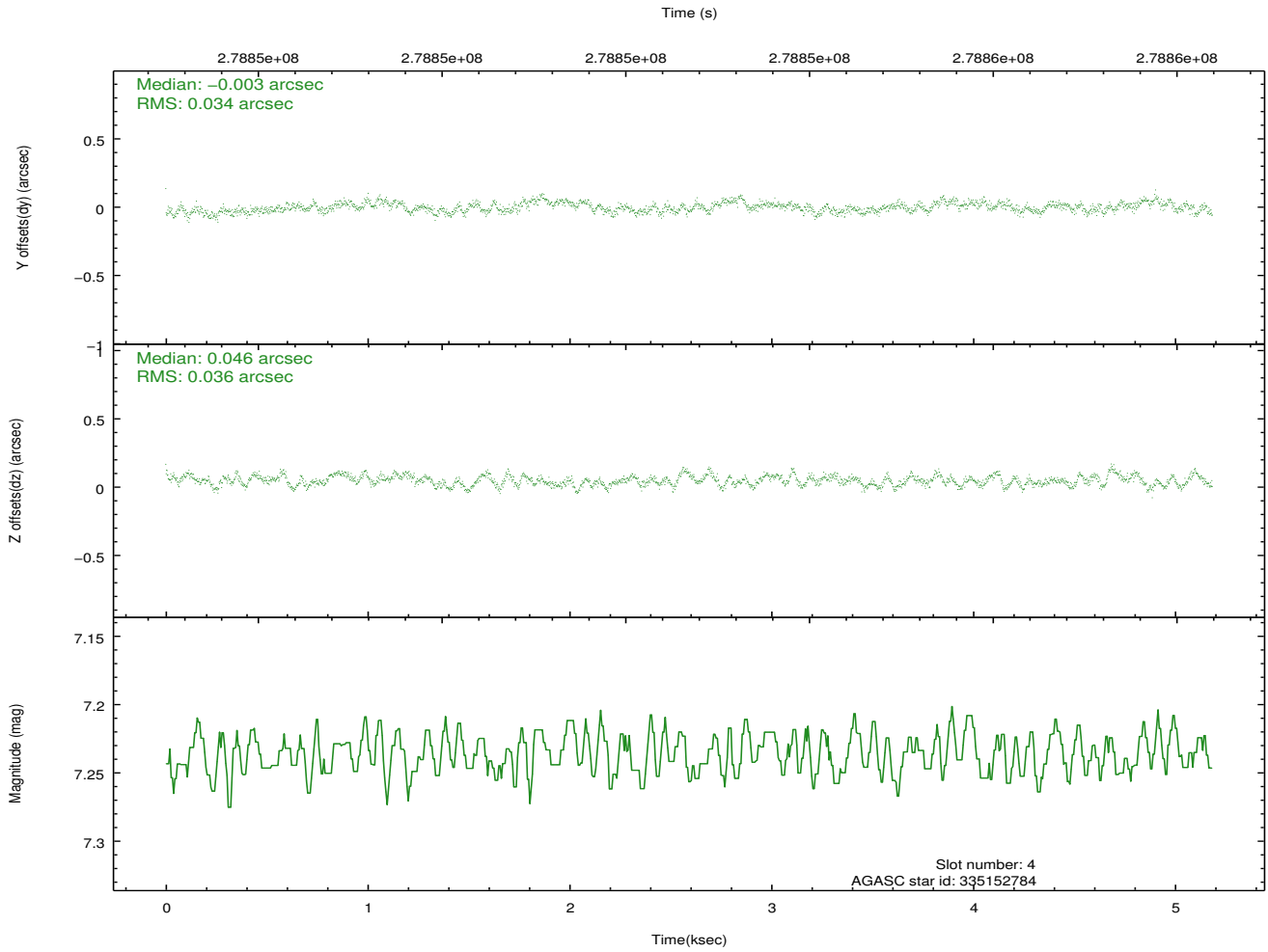
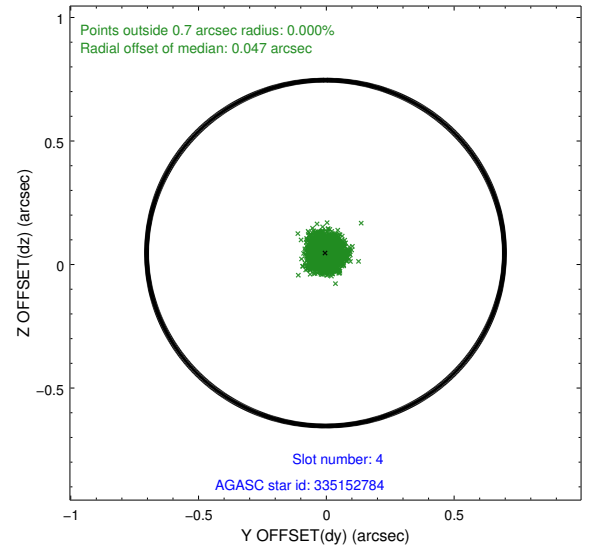
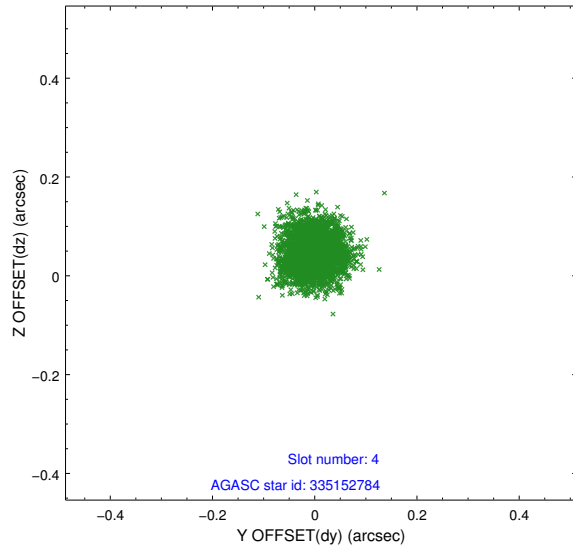
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1265	0.037	-0.012	0.006	0.011	0.000000	0.000000	932.42	-836.19
1	FID	ACIS-I-5	7.23	1265	-0.154	0.057	0.006	0.010	0.000000	0.000000	-1815.21	1060.81
2	FID	ACIS-I-6	7.24	1265	0.025	0.026	0.007	0.011	0.000000	0.000000	396.71	1706.58
3	GUIDE	335025040	9.93	2527	0.108	-0.186	0.113	0.188	218.601670	34.305240	-1402.09	1560.39
4	GUIDE	335152784	7.24	2530	-0.003	0.046	0.054	0.083	219.280617	33.678221	620.86	-699.01
5	GUIDE	335154960	9.55	2526	-0.115	0.124	0.118	0.191	219.209961	33.303073	412.52	-2051.07
6	GUIDE	335155824	8.94	2527	-0.077	-0.037	0.069	0.115	219.689900	34.035435	1839.87	590.47
7	GUIDE	335157088	9.10	2528	0.086	0.051	0.074	0.119	219.274029	33.726909	602.12	-524.07

2.4 Star Slots

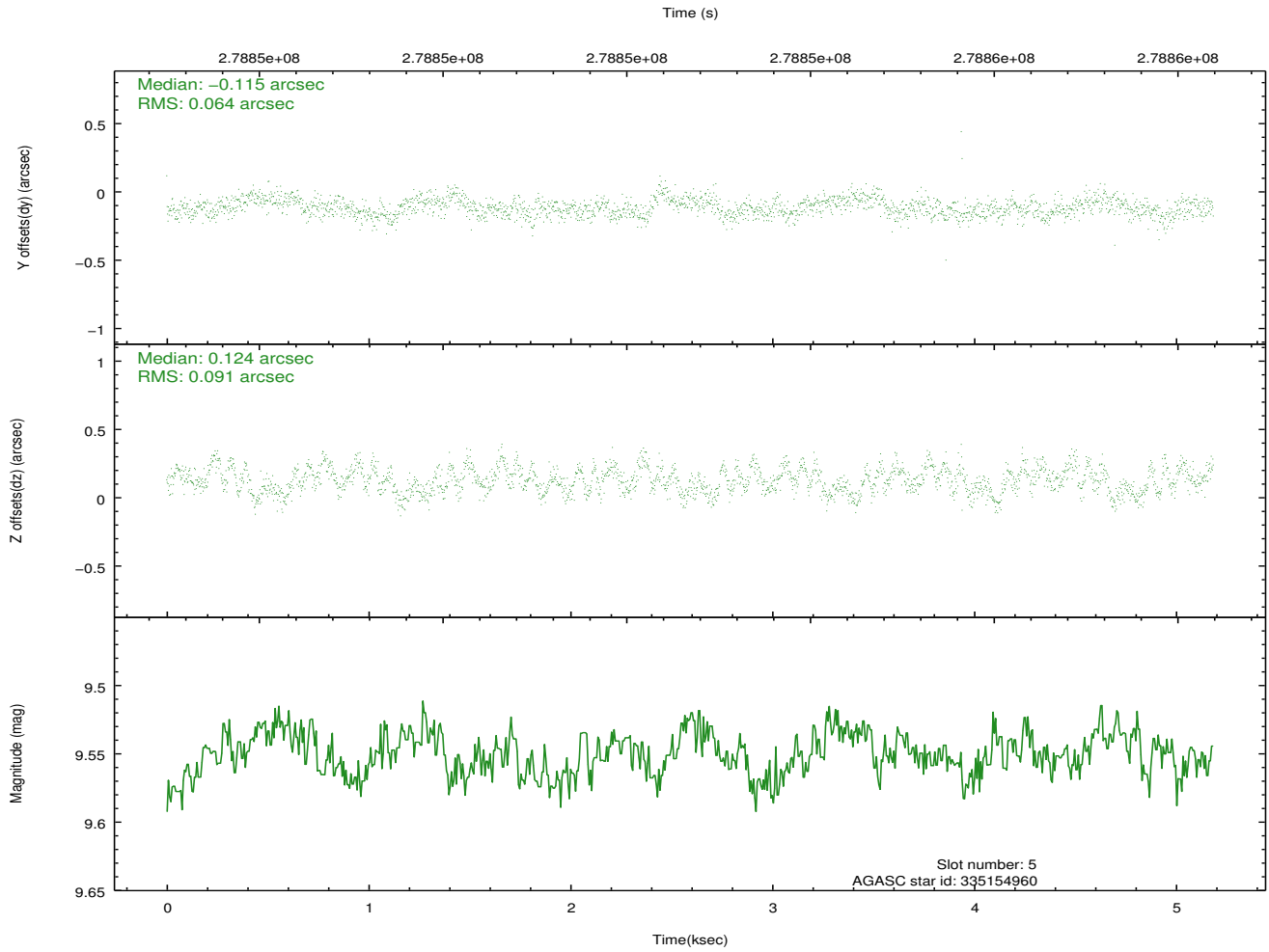
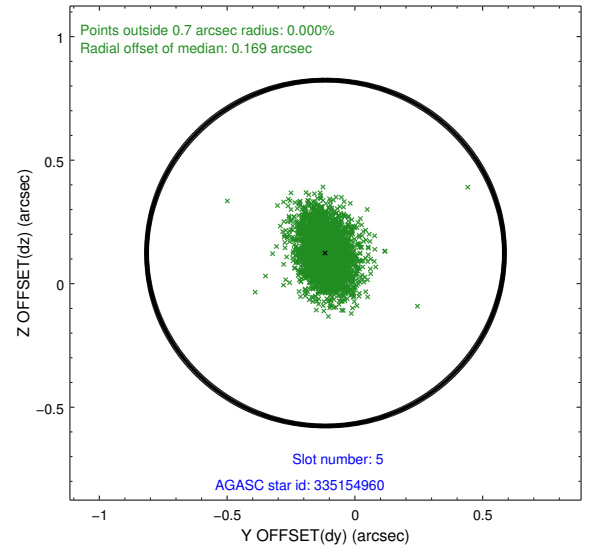
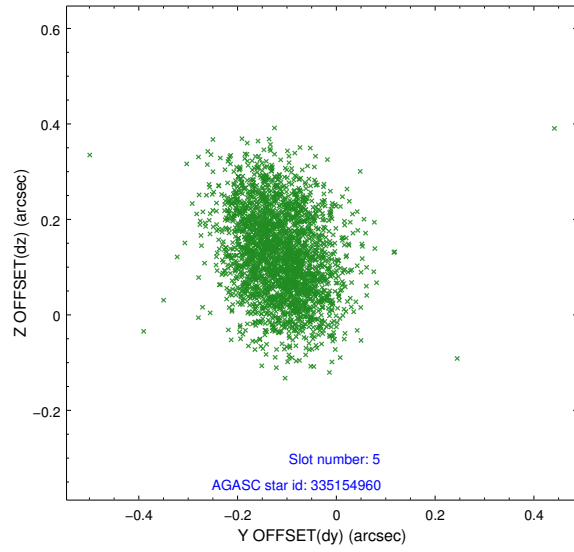
2.4.1 Slot 3



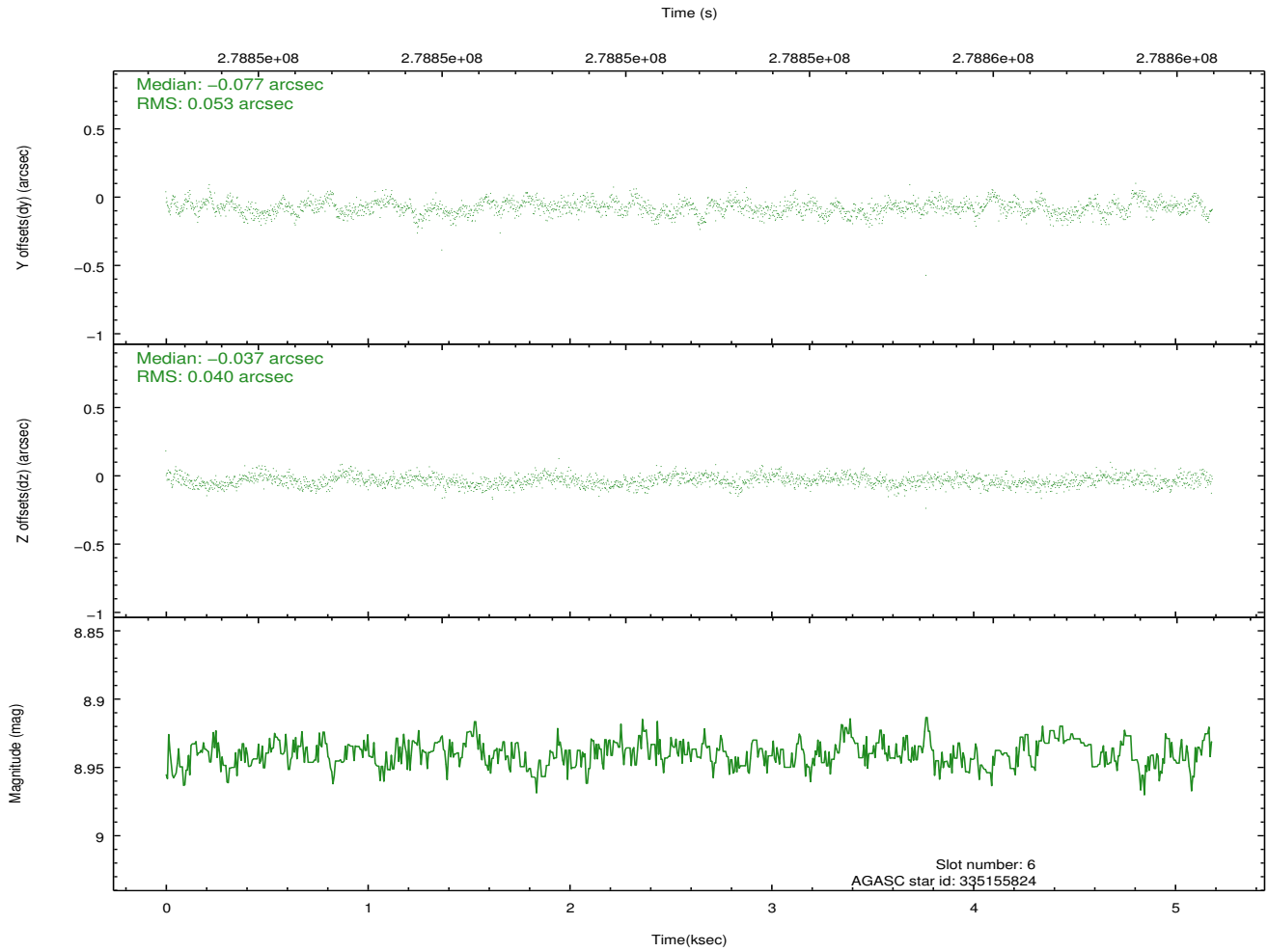
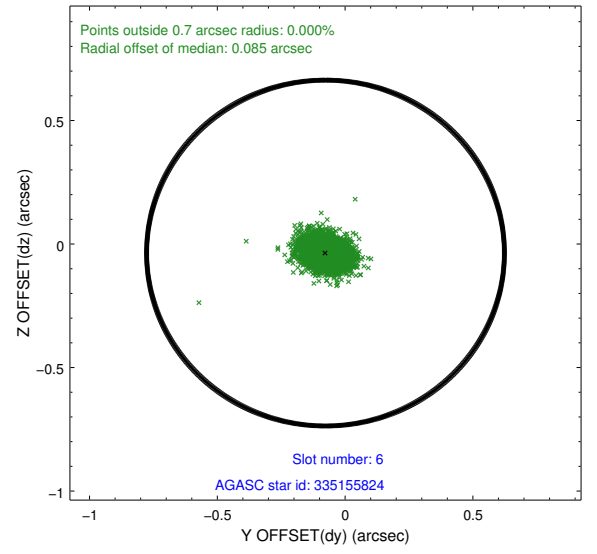
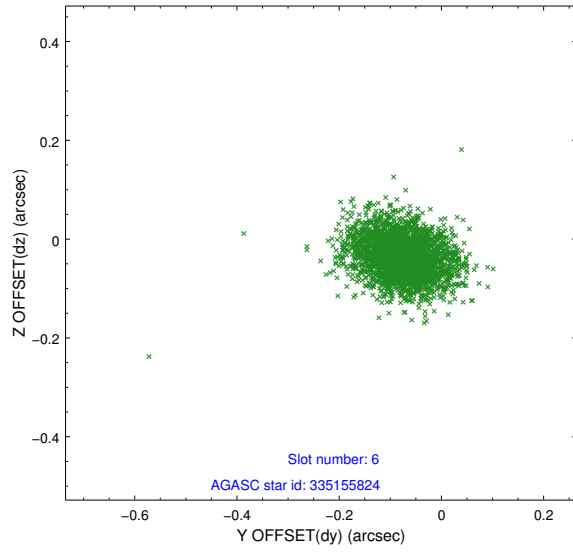
2.4.2 Slot 4



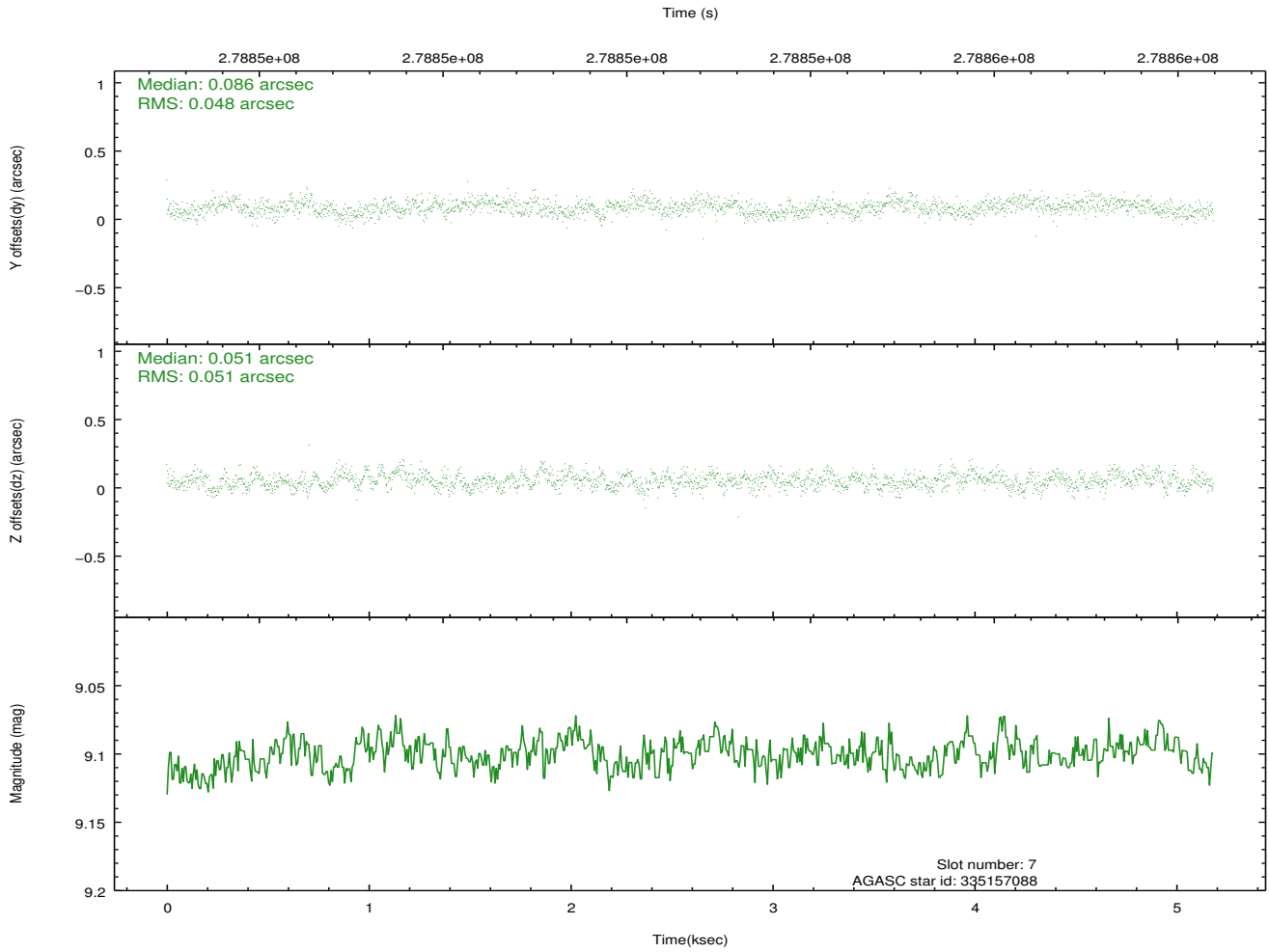
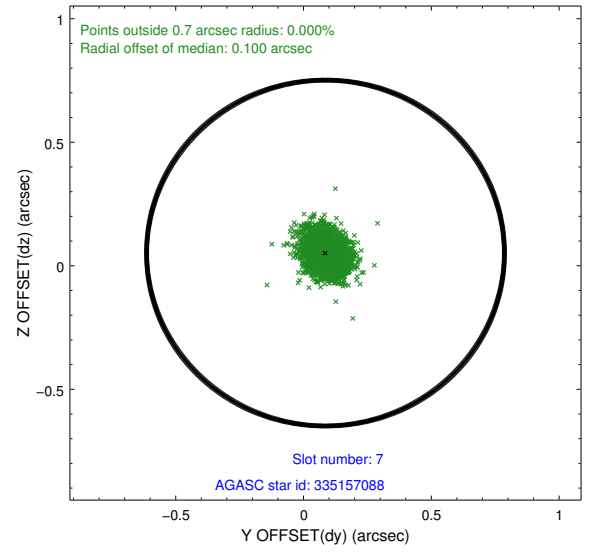
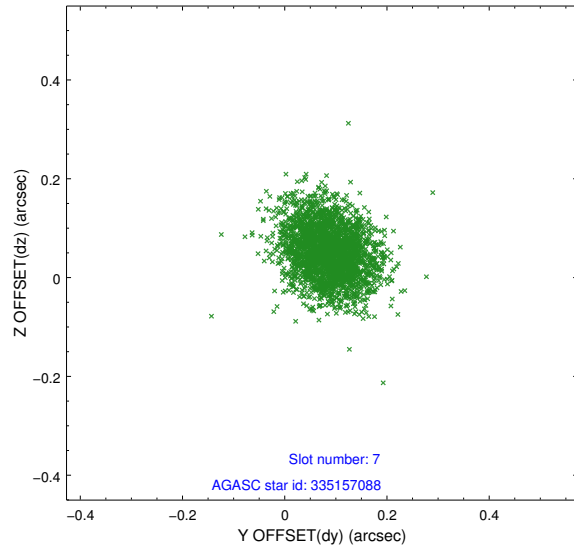
2.4.3 Slot 5



2.4.4 Slot 6

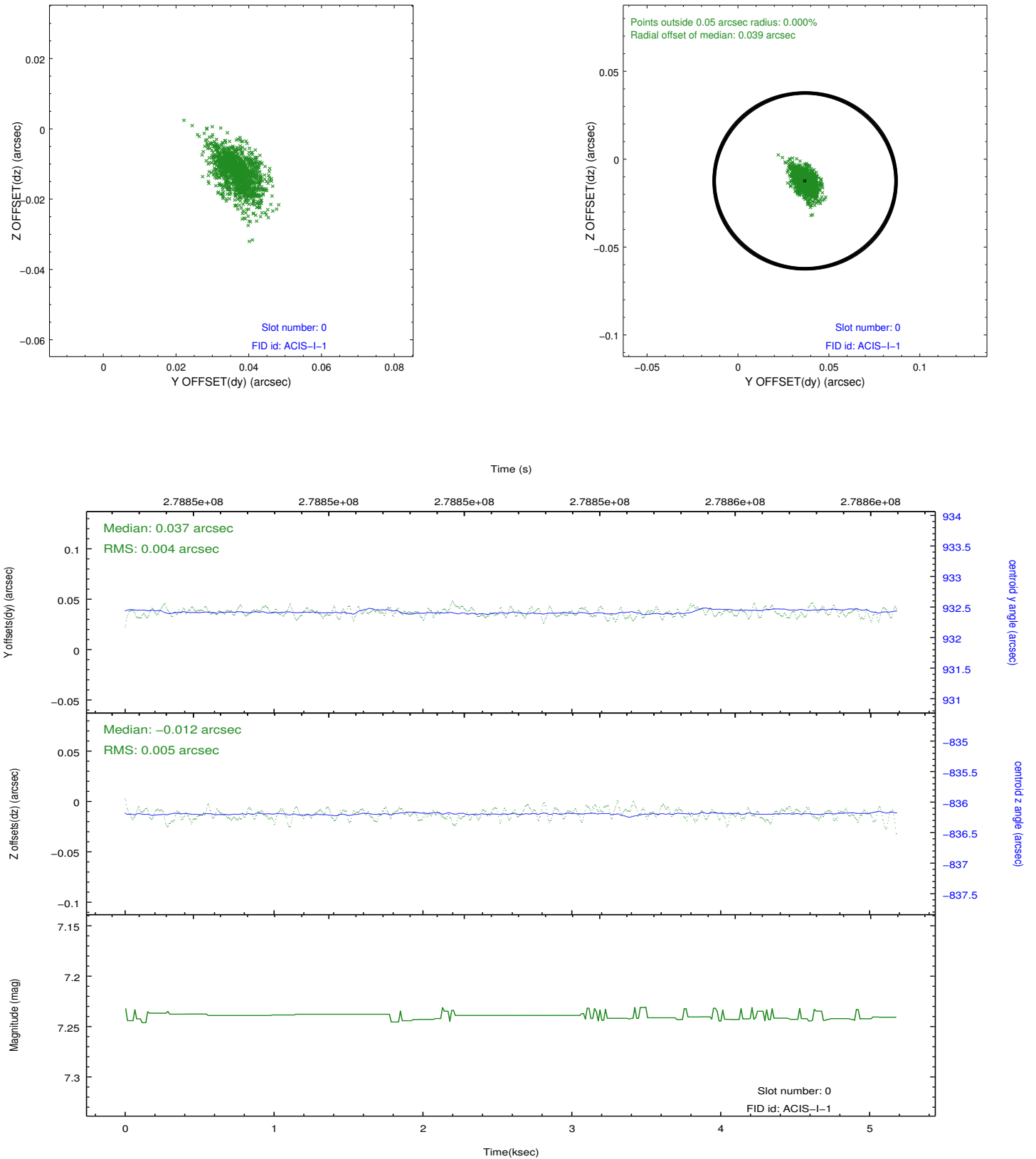


2.4.5 Slot 7

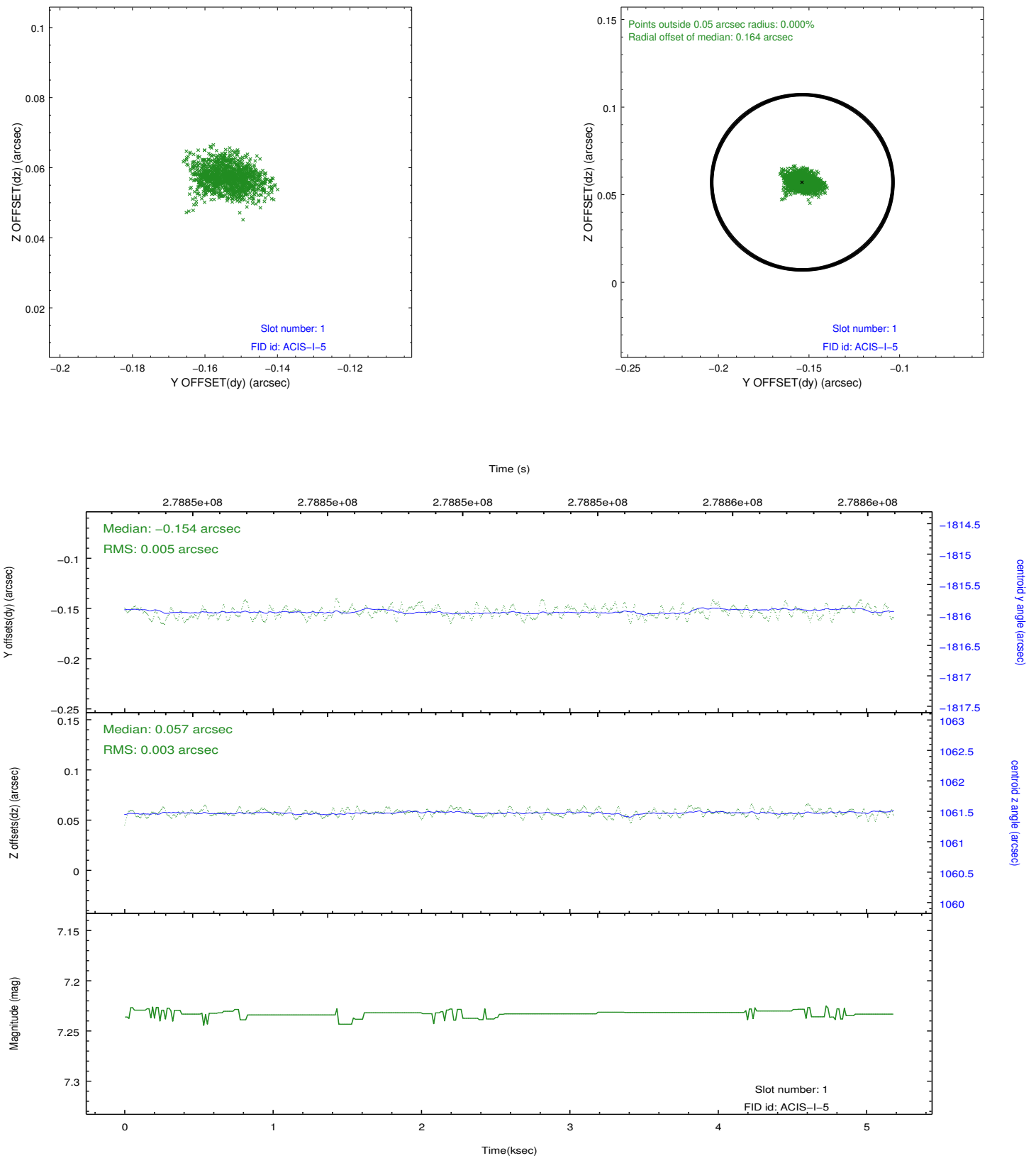


2.5 FID Slots

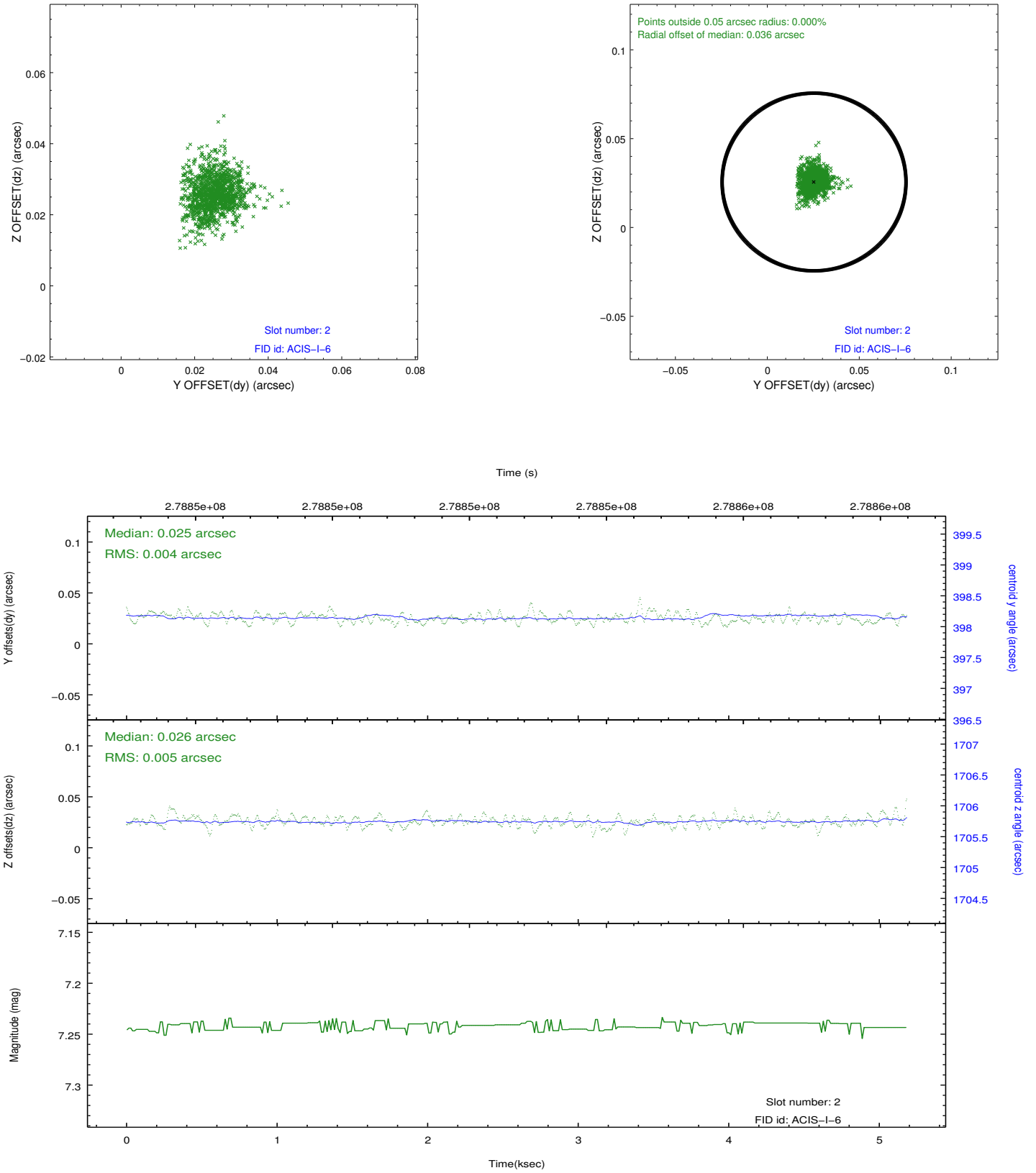
2.5.1 Slot 0



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)	2012.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.17695906

A.2 Comments