

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6226 - L2 Version 002
Chandra X-Ray Center

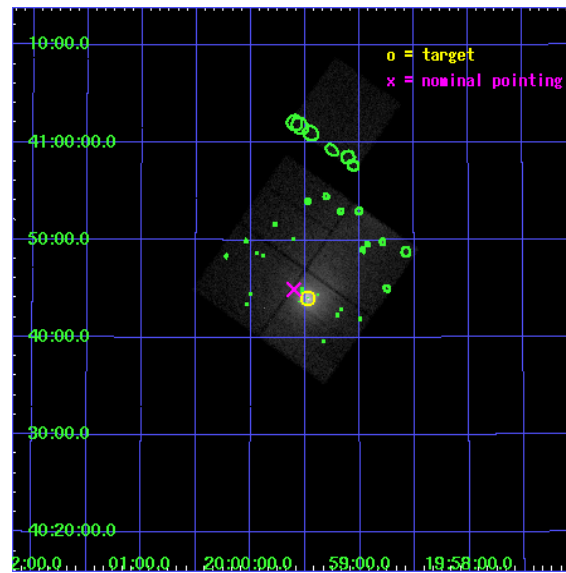
L2 Processing Date: Feb 23 2006

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1 Front

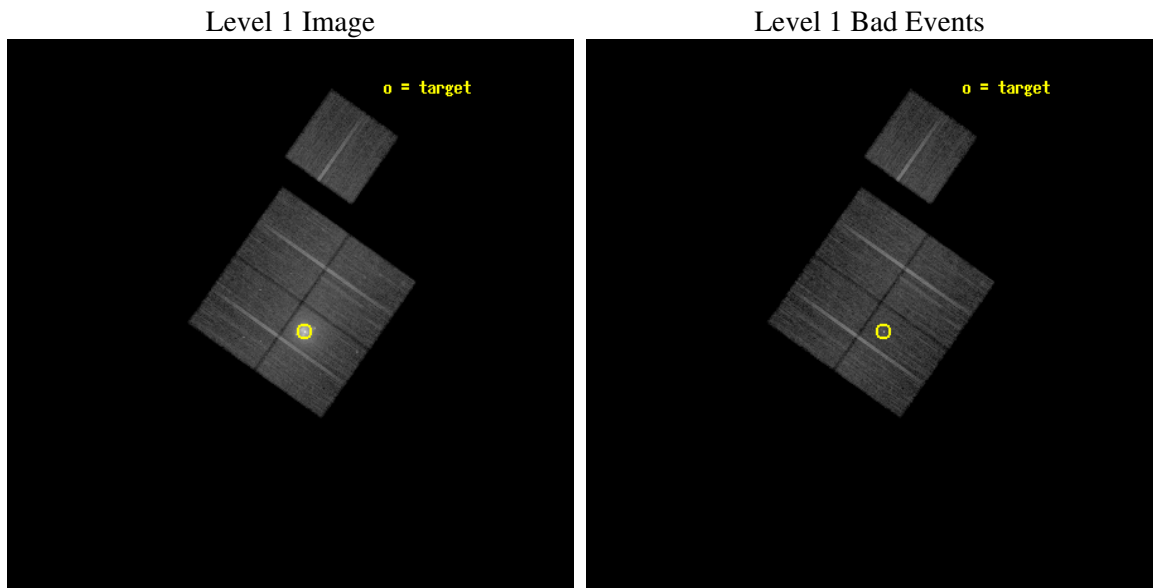
seq_num	800540
obs_id	6226
title	Cygnus A --- Shock Heating of the Intra-Cluster Medium
observer	Dr Andrew Young
object	Cygnus A
dtcycle	0
cycle	P
ra_targ	299.867917
dec_targ	40.733889
ra_nom	299.90093089221
dec_nom	40.749206026992
roll_nom	35.187147087104
revision	2
ontime	24148.877012968
livetime	23833.354156649
ontime0	24158.29995355
ontime1	24148.877012968
ontime2	24158.29995355
ontime3	24158.29995355
ontime6	24158.29995355
l2events	221013



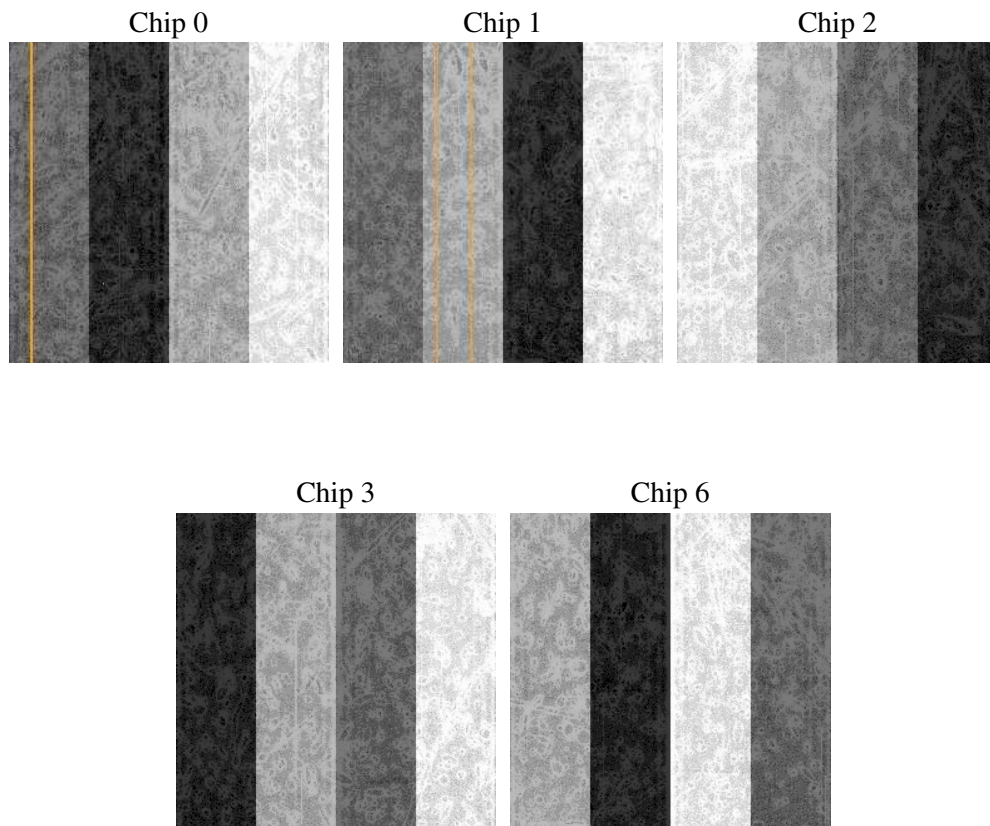
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-23T22:05:16
revision	2

sched_exp_time	24000.000000
ontime	25778.208056778
ontime0	25787.631027251
ontime1	25778.208056778
ontime2	25787.63099736
ontime3	25787.63099736
ontime6	25787.63099736
l1events	937513

2.1.4 Events

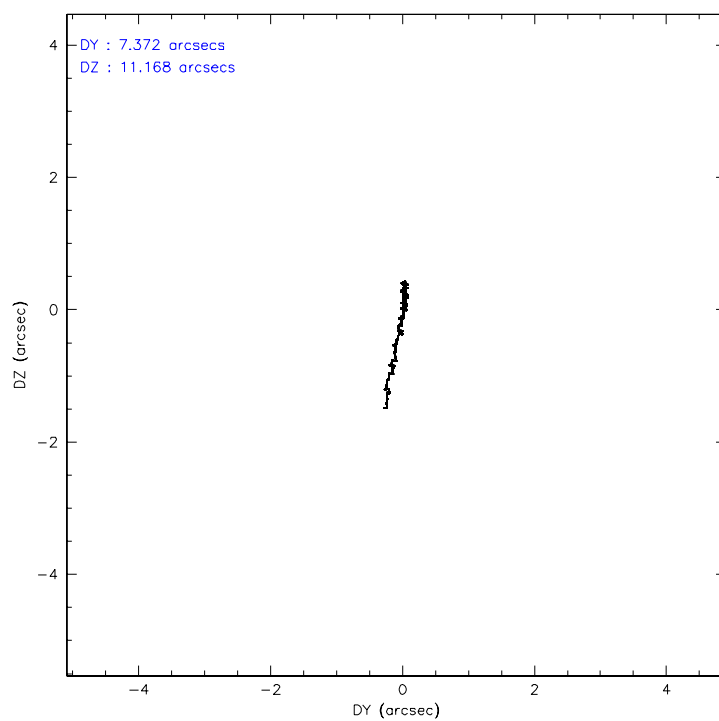
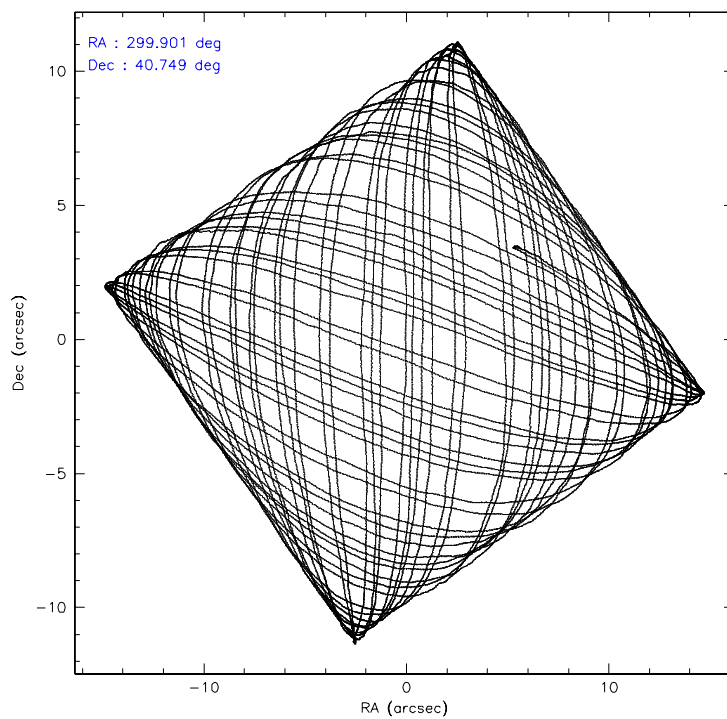
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	159470	263938	173530	183376	157199
rejected events	130285	137040	144900	141942	140018
rejected %	81%	51%	83%	77%	89%

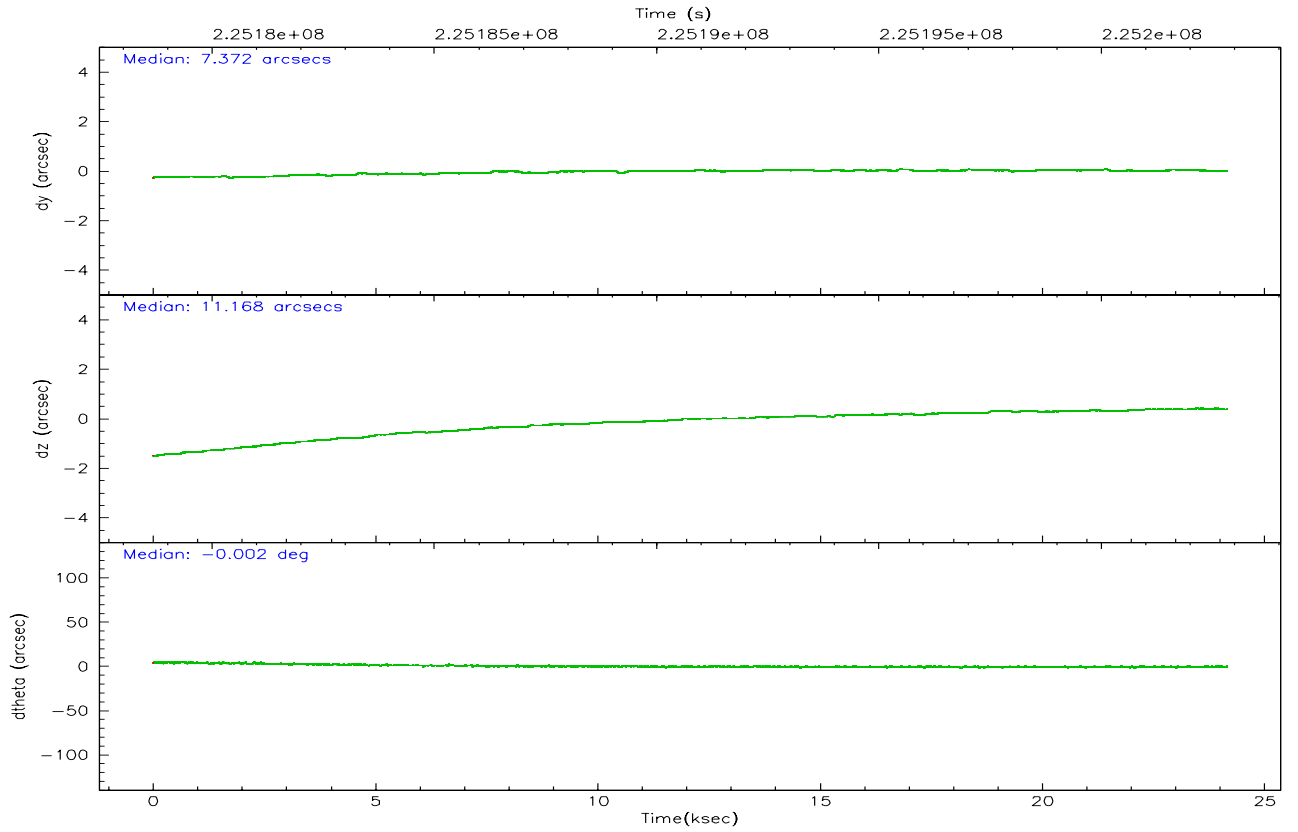
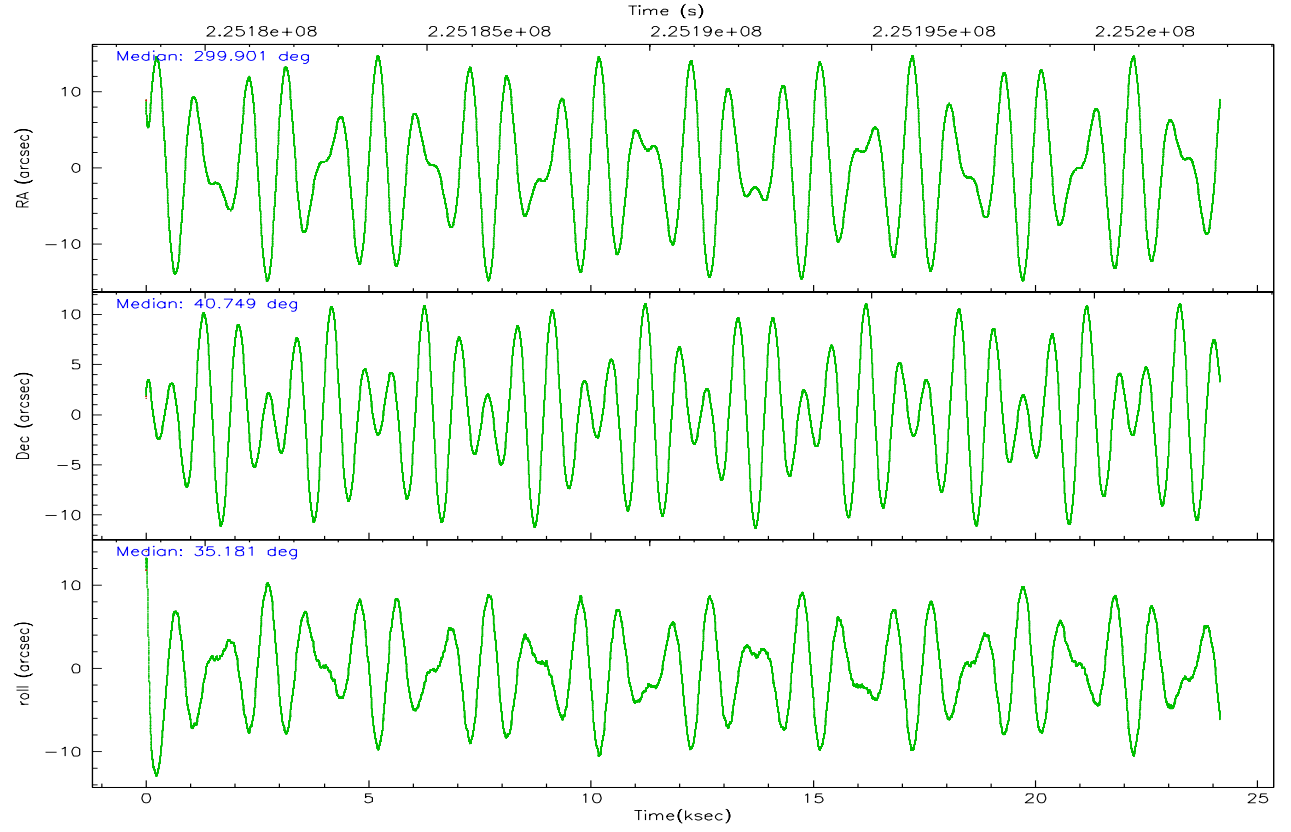
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	17252	92910	16850	27546	7490
	10%	35%	9%	15%	4%
grade 1 events	134	818	133	207	75
	0%	0%	0%	0%	0%
grade 2 events	5368	16627	5279	6017	3671
	3%	6%	3%	3%	2%
grade 3 events	2363	5804	2129	2572	1821
	1%	2%	1%	1%	1%
grade 4 events	2133	5702	2211	2687	1759
	1%	2%	1%	1%	1%
grade 5 events	5561	6694	5195	6213	5993
	3%	2%	2%	3%	3%
grade 6 events	3422	7680	3361	3752	3508
	2%	2%	1%	2%	2%
grade 7 events	123237	127703	138372	134382	132882
	77%	48%	79%	73%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	299.885900	299.9009308922127	Alternating exposures requested	N	N
Pointing Dec	40.724309	40.74920602699152	Primary exposure time	0.000000	3.1
Pointing Roll	34.988265	35.18714708710409			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-242.392463	-242.3975952774949			
SIM translation stage offset (mm)	8.800000000000001	8.805142274565242			
Observation start time	225178827.184000	225177032.77904			
Observation start date	2005-02-19T05:39:23	2005-02-19T05:10:32			
Observation end time	225202827.184000	225203764.26775			
Observation end date	2005-02-19T12:19:23	2005-02-19T12:36:04			
Read mode	TIMED	TIMED			

2.3 Aspect



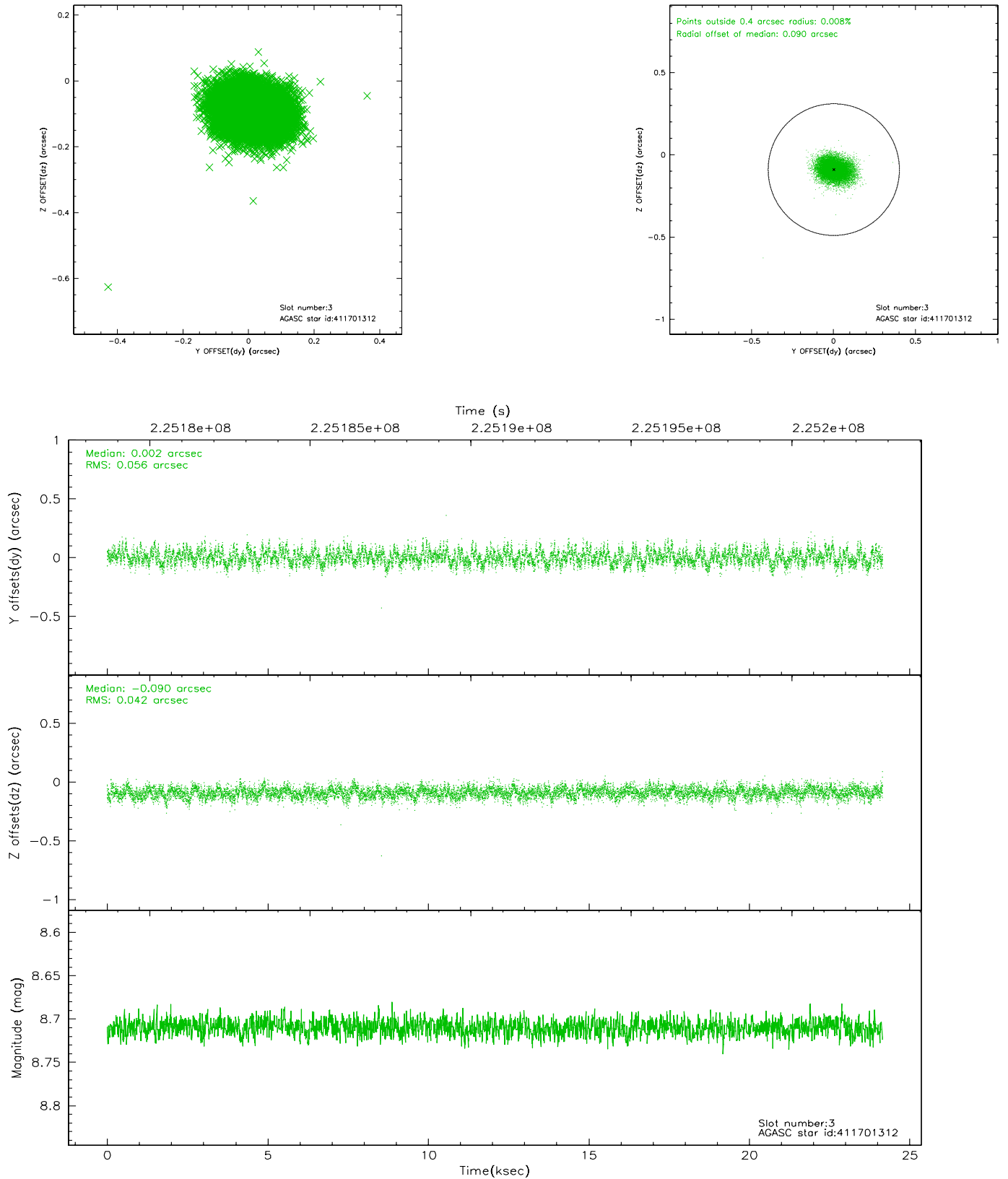


Slot Statistics

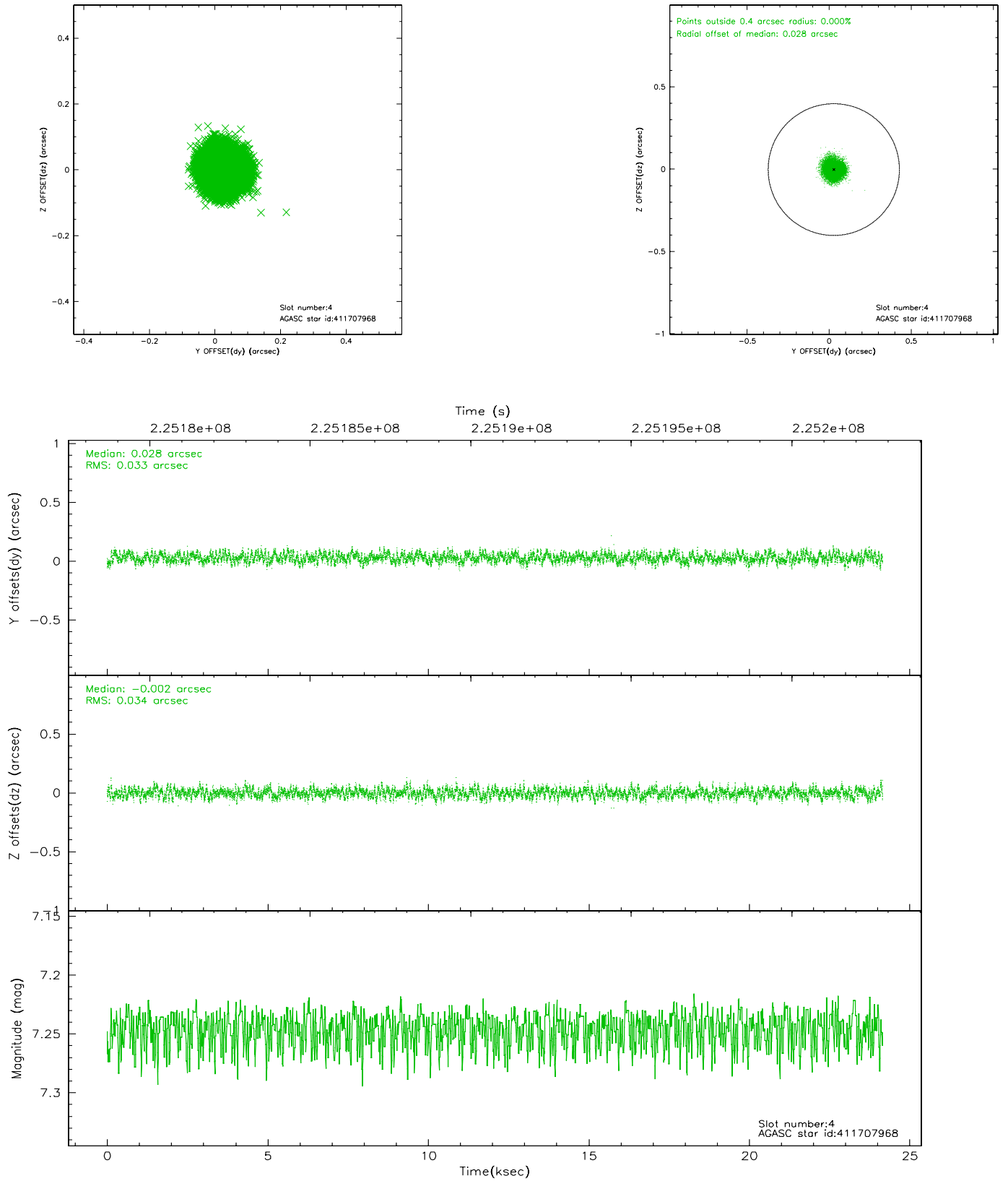
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.28	5894	-0.065	0.139	0.010	0.044	0.000000	0.000000	932.44	-653.34
1	FID	ACIS-I-5	7.24	5893	-0.071	0.001	0.008	0.014	0.000000	0.000000	-1815.61	1243.96
2	FID	ACIS-I-6	7.23	5893	0.044	-0.069	0.009	0.034	0.000000	0.000000	397.94	1888.55
3	GUIDE	411701312	8.71	11780	0.002	-0.090	0.074	0.121	298.889956	40.820220	-2016.05	1851.25
4	GUIDE	411707968	7.25	11787	0.028	-0.002	0.052	0.079	299.509933	40.926839	-418.48	1185.84
5	GUIDE	413421016	8.71	11778	-0.092	0.142	0.065	0.108	300.612426	40.446254	1061.63	-1954.19
6	GUIDE	413405352	8.36	11783	0.040	-0.141	0.063	0.100	300.290830	41.091941	1660.69	456.40
7	GUIDE	413421624	8.71	11782	0.019	0.092	0.065	0.107	300.399768	40.893051	1496.79	-300.36

2.4 Star Slots

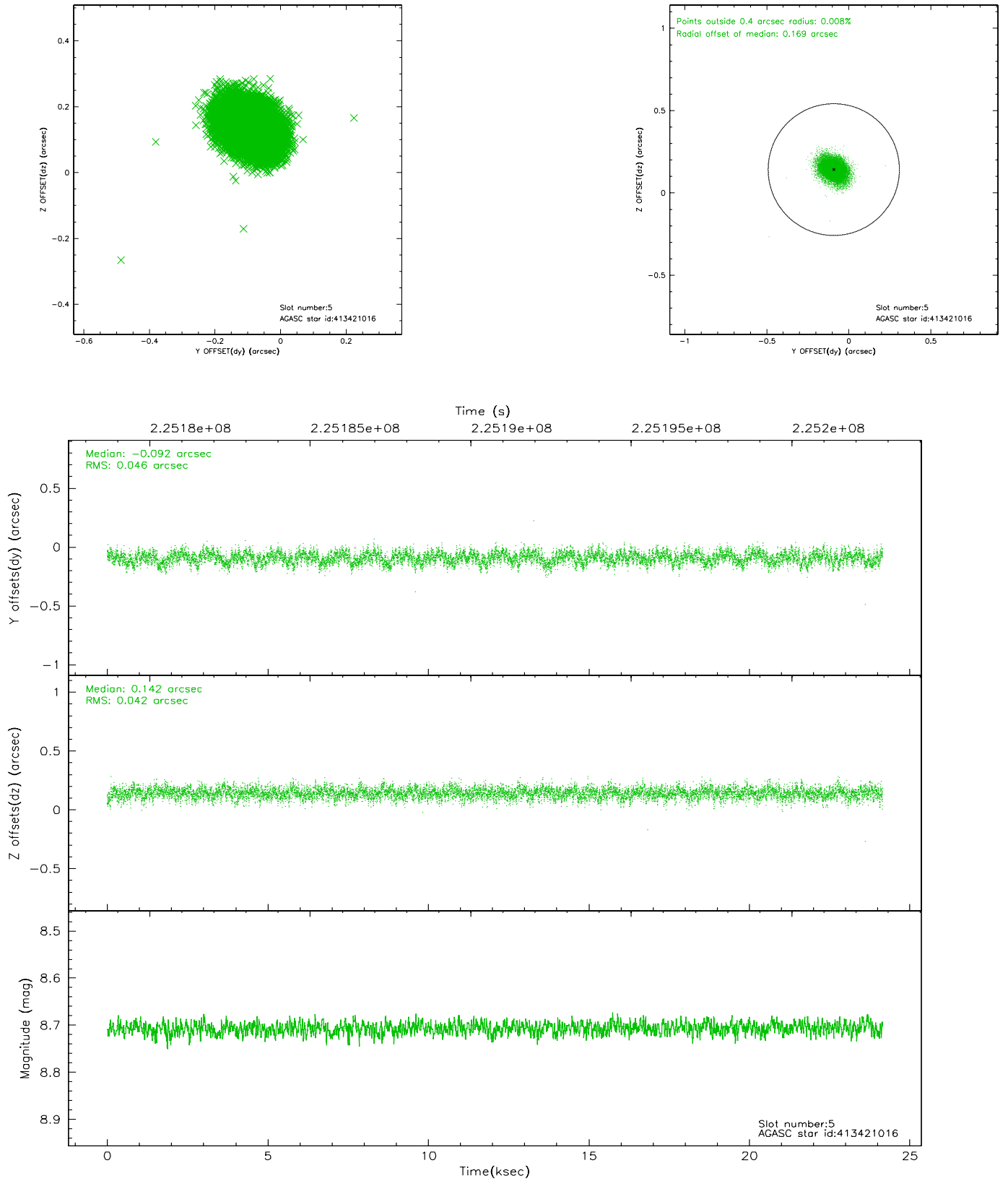
2.4.1 Slot 3



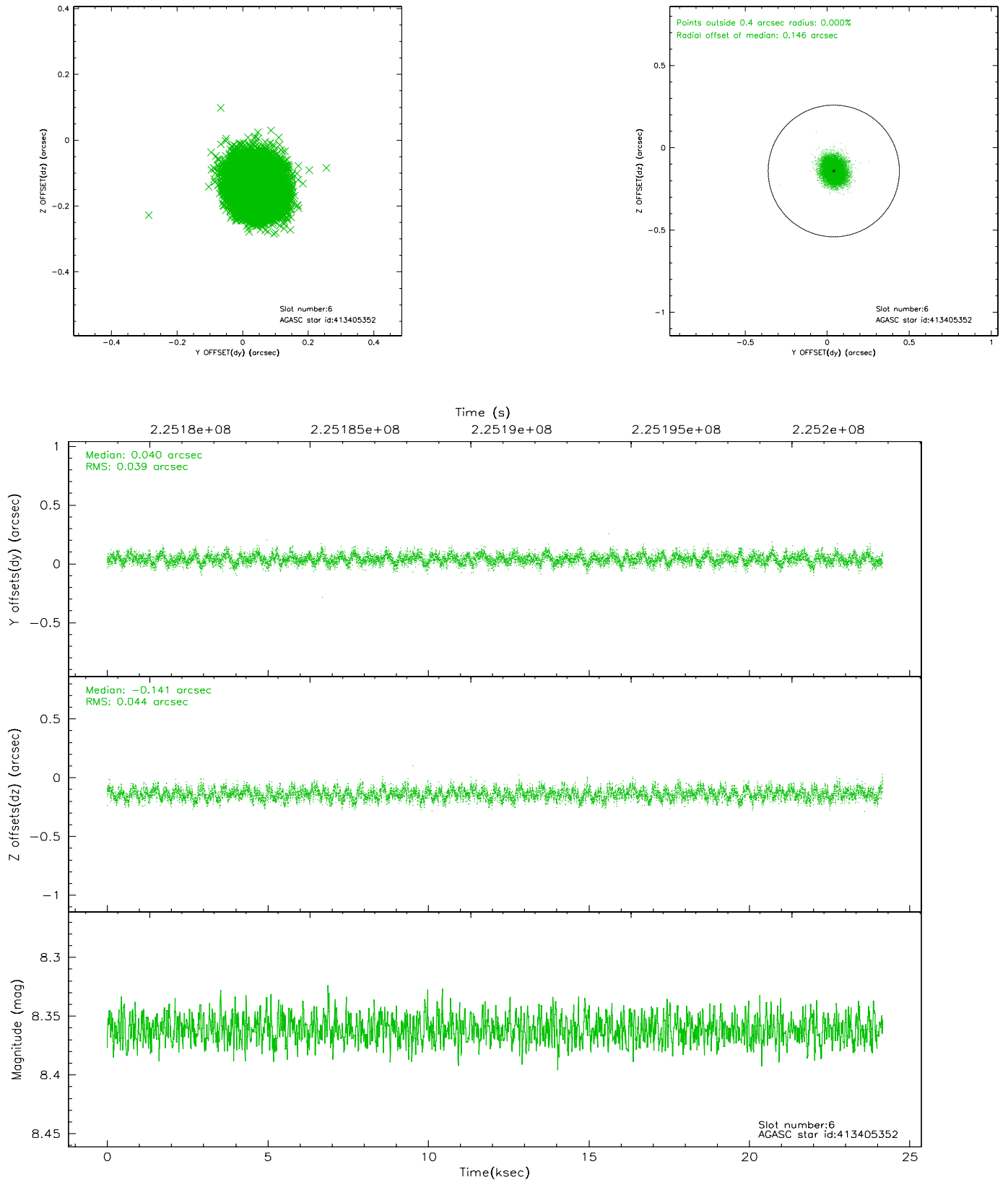
2.4.2 Slot 4



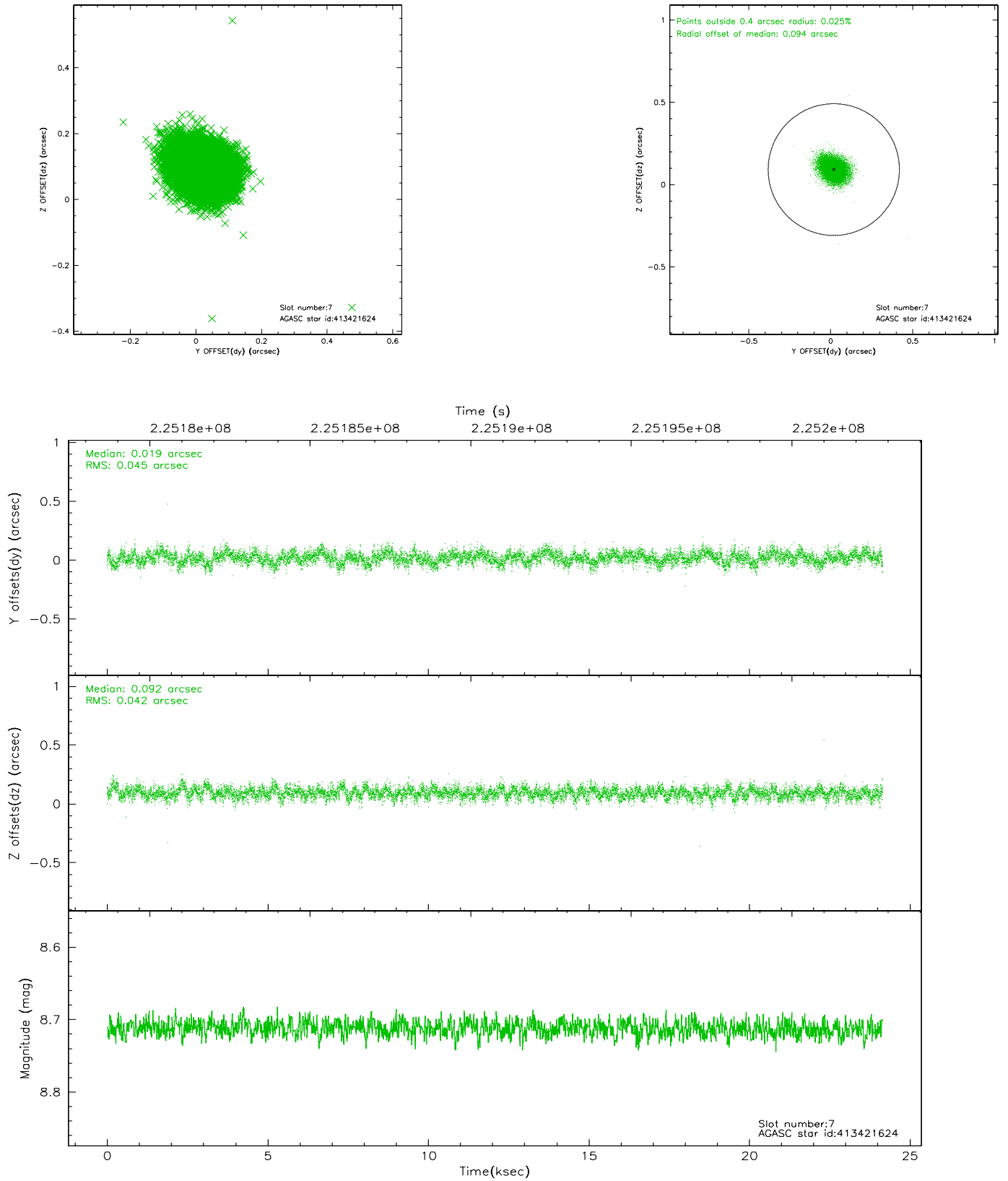
2.4.3 Slot 5



2.4.4 Slot 6

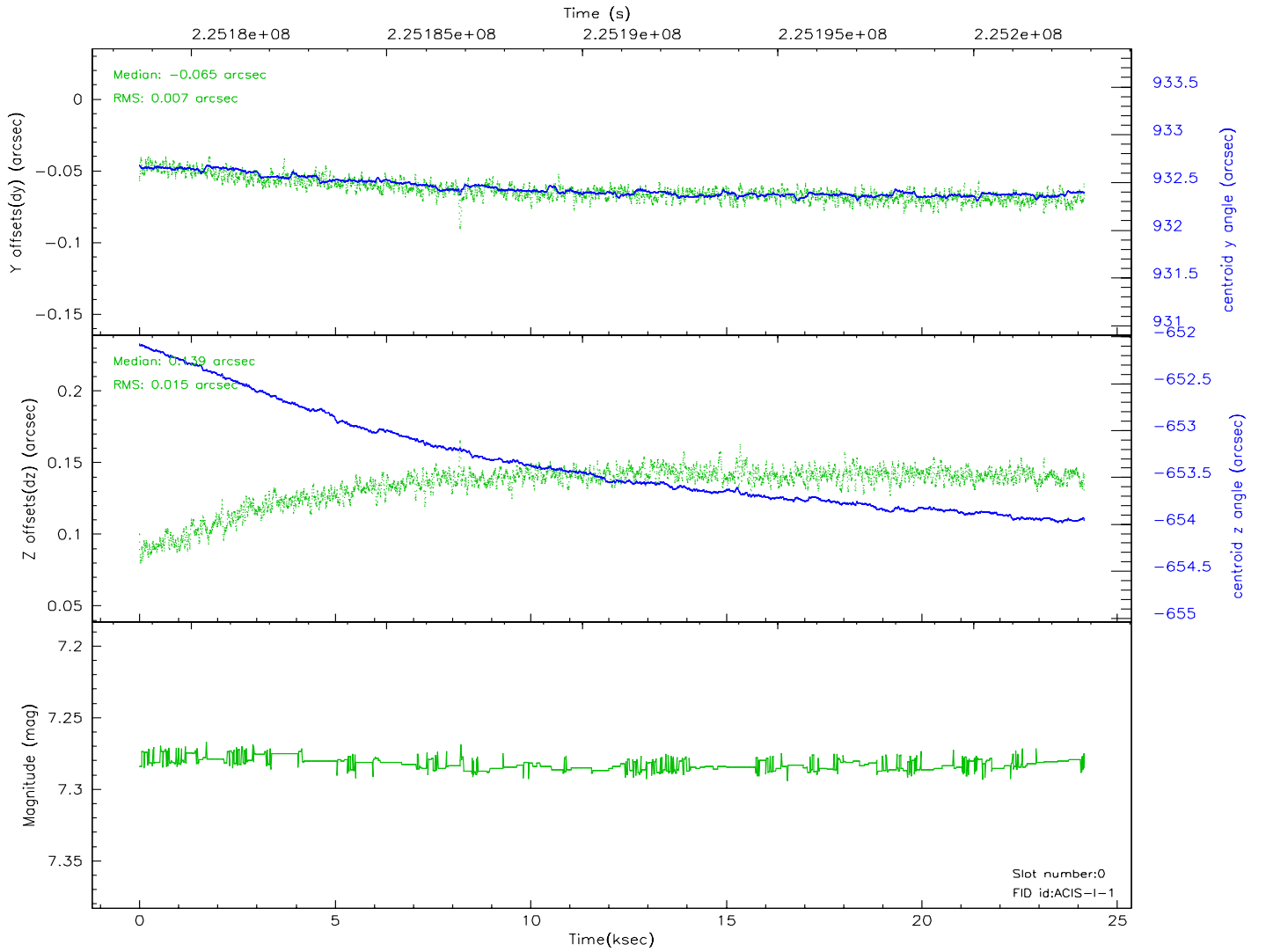
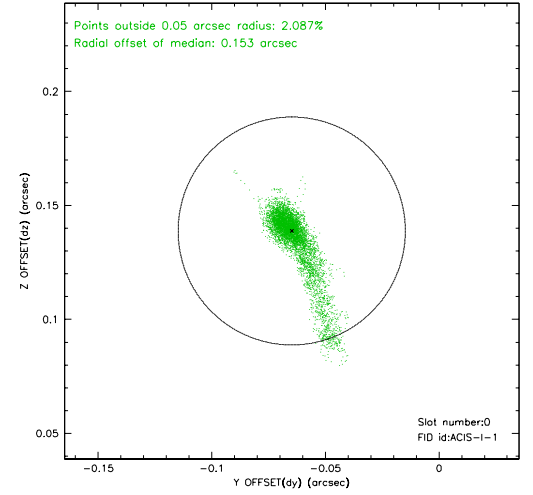
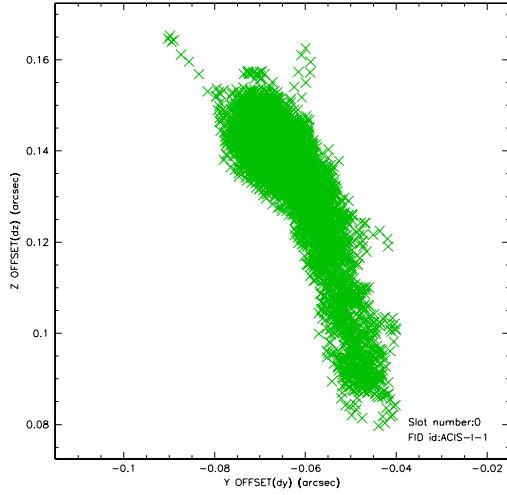


2.4.5 Slot 7

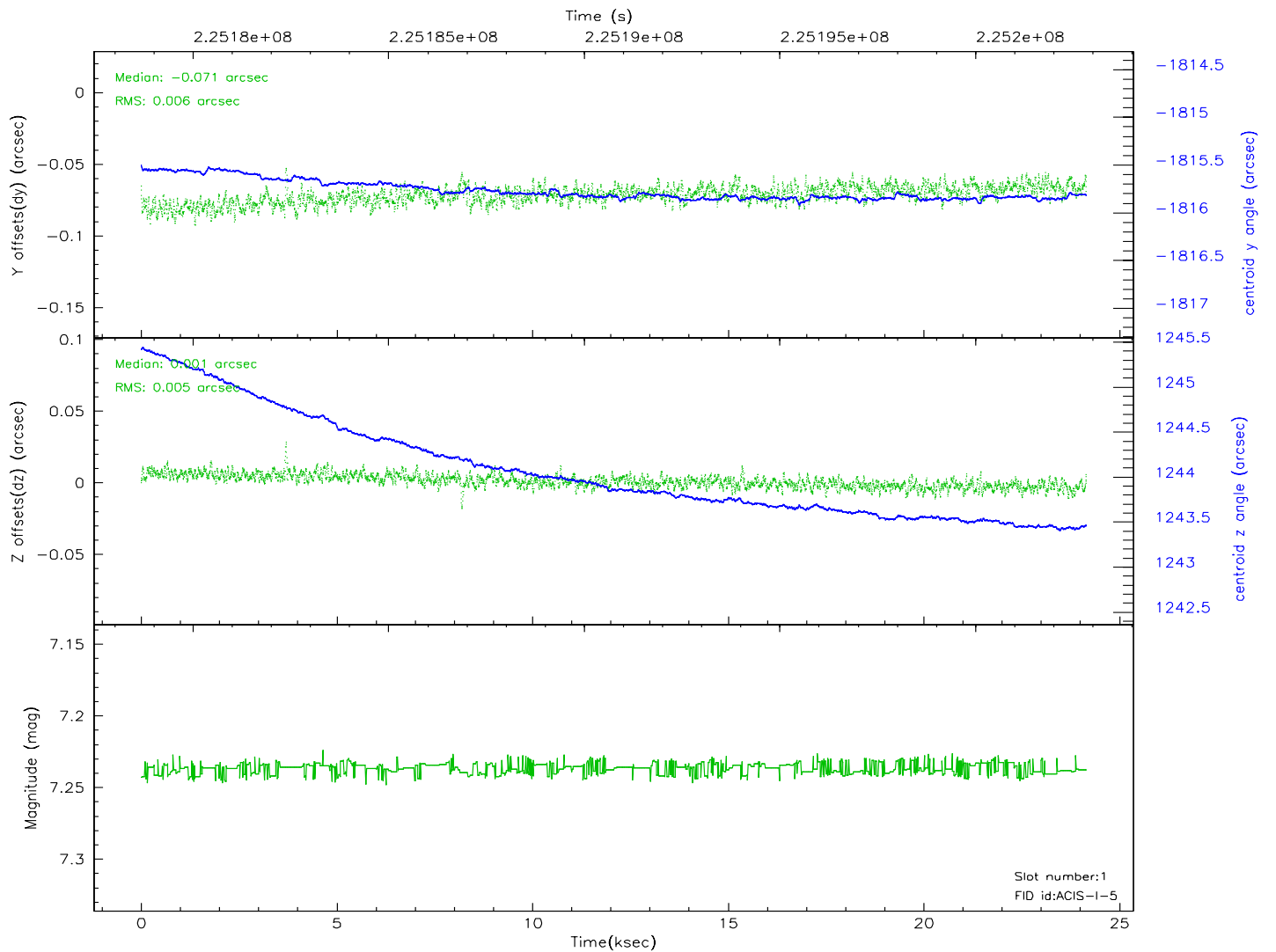
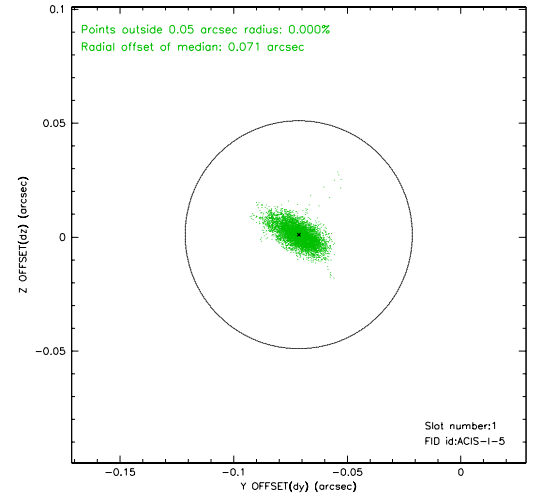
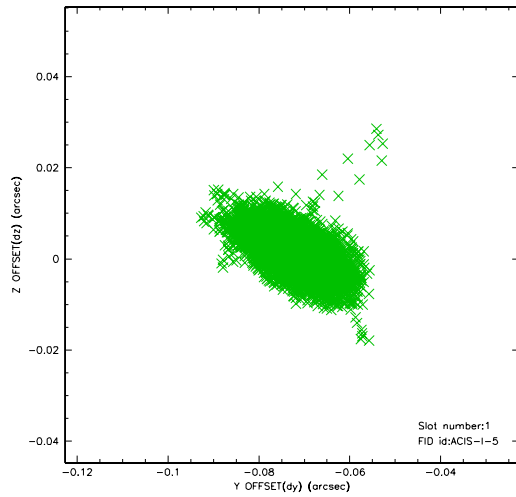


2.5 FID Slots

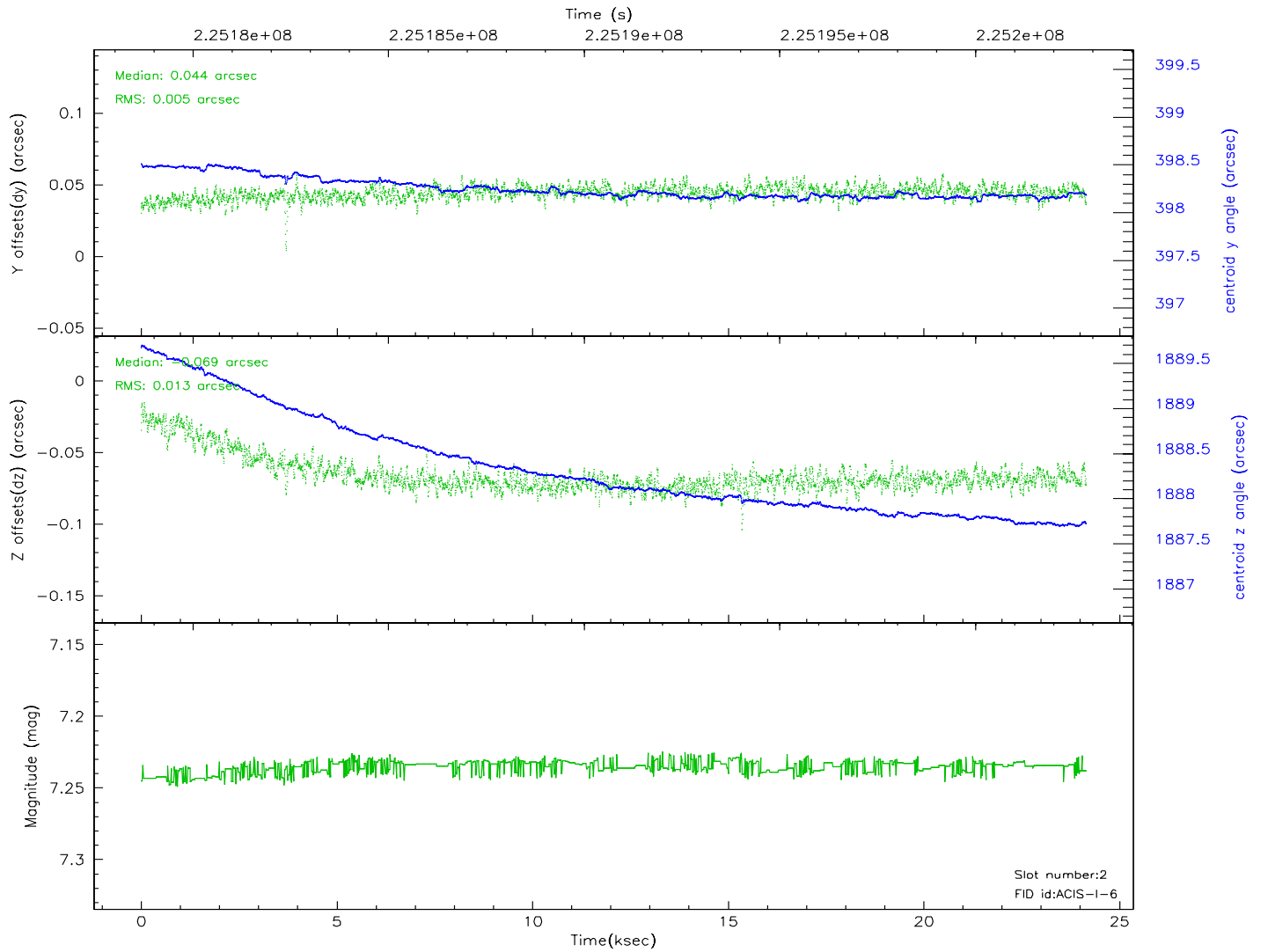
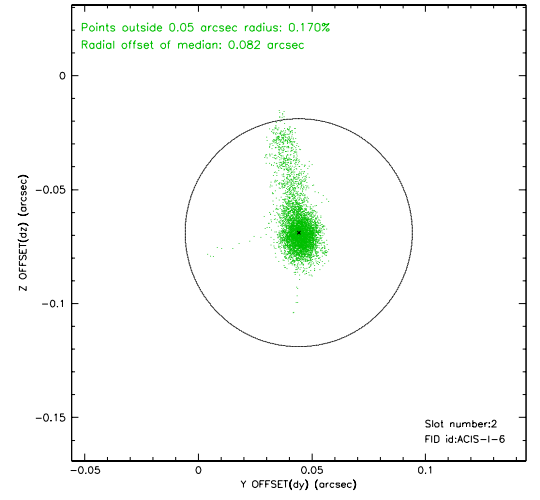
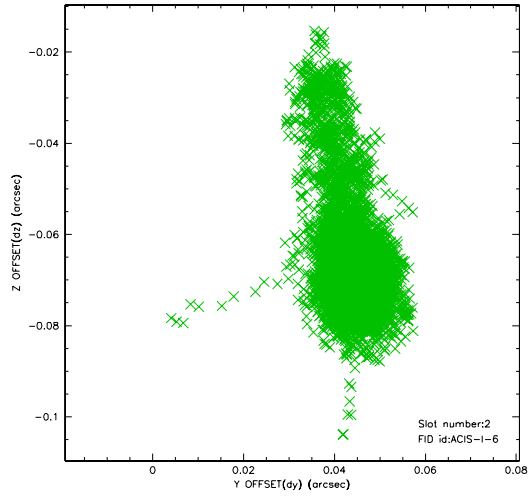
2.5.1 Slot 0



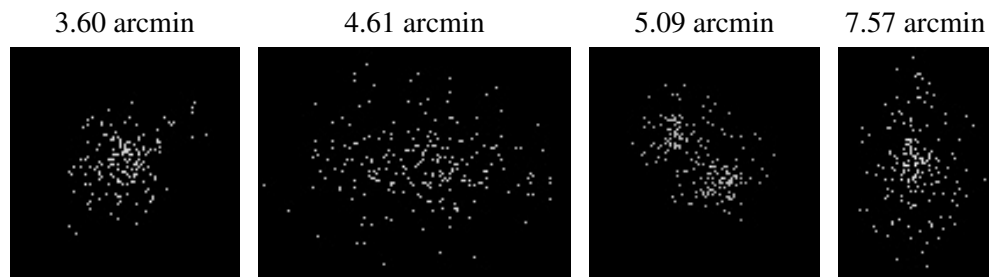
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.14887

A.2 Comments