

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 982 - L2 Version 001
Chandra X-Ray Center

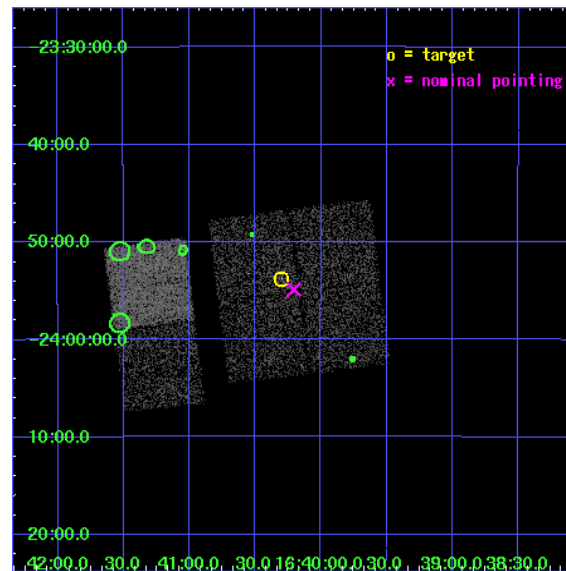
L2 Processing Date : Dec 21 2006

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1 Front

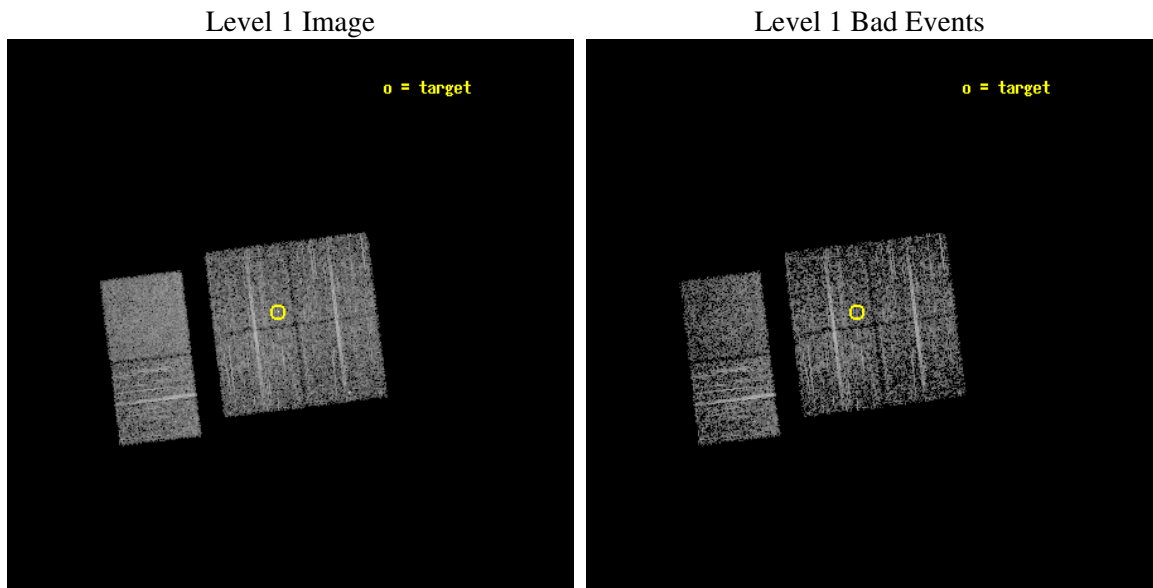
seq_num	200089
obs_id	982
title	OBSERVATION OF SCO-CEN OUTLYERS
observer	Professor Gordon Garmire
object	HD150193
dtcycle	0
cycle	P
ra_targ	250.074583
dec_targ	-23.895833
ra_nom	250.0515074855
dec_nom	-23.914523715752
roll_nom	262.90185336771
revision	3
ontime	2953.6000027508
livetime	2916.1997410715
ontime0	2953.6000027508
ontime1	2953.6000027508
ontime2	2953.6000027508
ontime3	2953.6000027508
ontime6	2953.6000027508
ontime7	2953.6000027508
l2events	22723



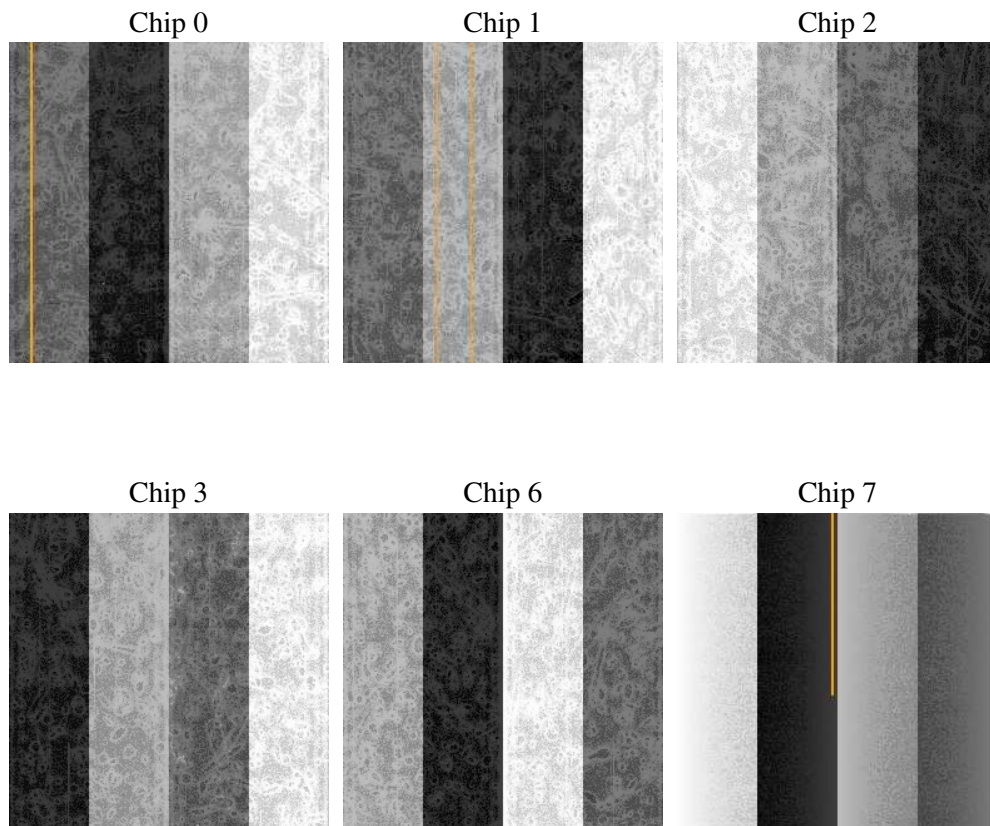
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-21T15:20:55
revision	3

sched_exp_time	3200.000000
ontime	2959.0321165472
ontime0	2959.0321165472
ontime1	2959.0321165472
ontime2	2959.0321165472
ontime3	2959.0321165472
ontime6	2959.0321165472
ontime7	2959.0321165472
l1events	131069

2.1.4 Events

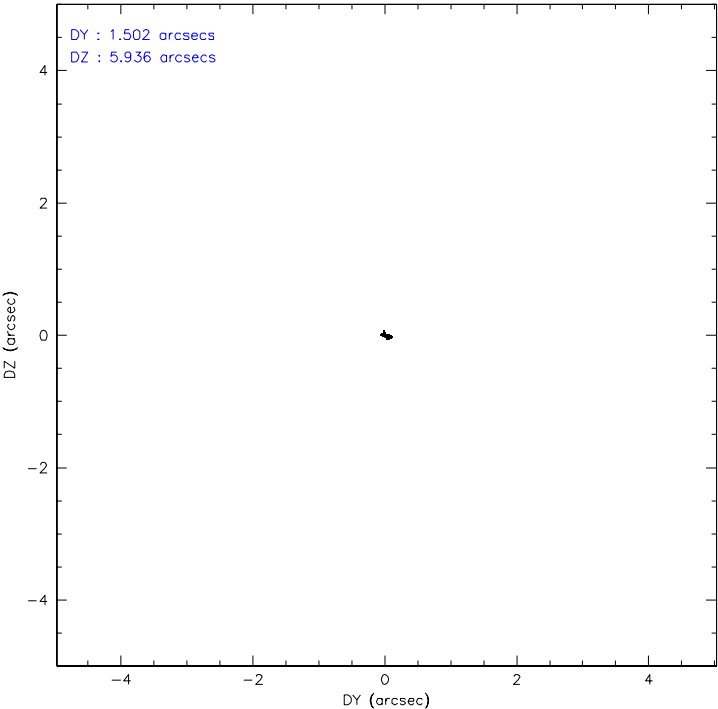
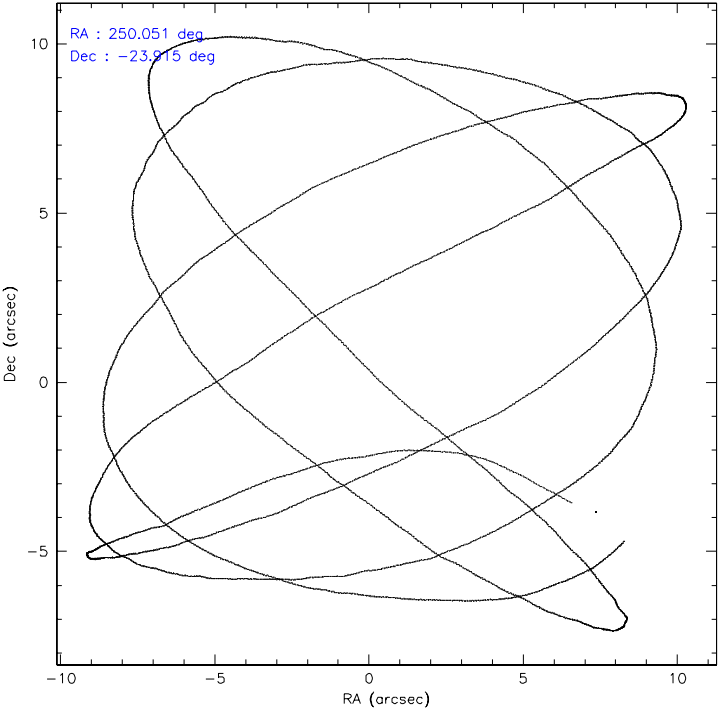
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	19036	20396	22222	20039	23292	26084
rejected events	16144	17413	19457	17041	20580	15448
rejected %	84%	85%	87%	85%	88%	59%

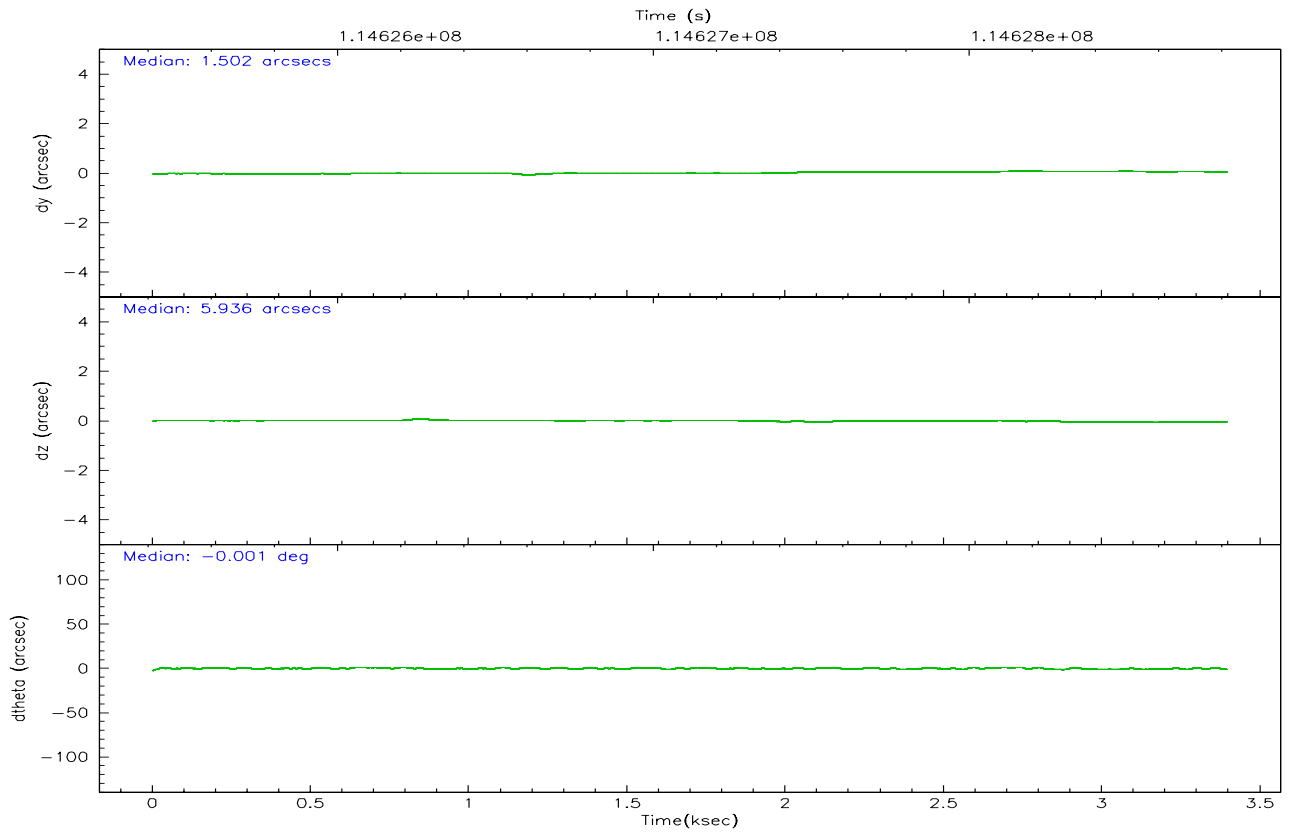
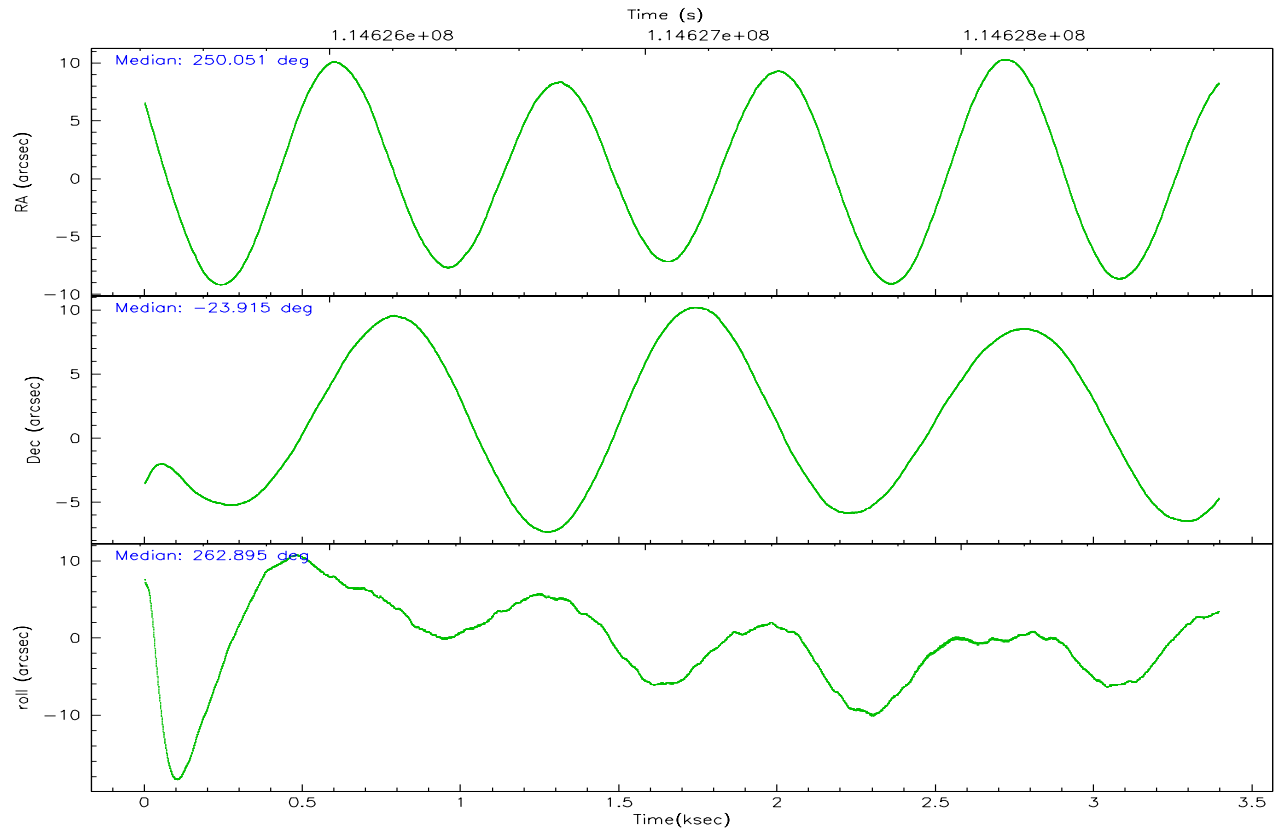
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1344	1341	1287	1447	1146	701
	7%	6%	5%	7%	4%	2%
grade 1 events	12	8	5	14	14	13
	0%	0%	0%	0%	0%	0%
grade 2 events	581	607	616	586	574	2732
	3%	2%	2%	2%	2%	10%
grade 3 events	270	265	209	254	286	564
	1%	1%	0%	1%	1%	2%
grade 4 events	238	281	229	221	239	556
	1%	1%	1%	1%	1%	2%
grade 5 events	715	707	617	739	822	1730
	3%	3%	2%	3%	3%	6%
grade 6 events	462	501	429	500	472	6114
	2%	2%	1%	2%	2%	23%
grade 7 events	15414	16686	18830	16278	19739	13674
	80%	81%	84%	81%	84%	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	250.039877	250.0515074854986	Subarray requested	NONE	NONE
Pointing Dec	-23.889073	-23.91452371575235	Alternating exposures requested	N	N
Pointing Roll	262.688372	262.9018533677081	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	114625613.184000	114624991.96262			
Observation start date	2001-08-19T16:25:49	2001-08-19T16:16:31			
Observation end time	114628813.184000	114629416.88779			
Observation end date	2001-08-19T17:19:09	2001-08-19T17:30:16			
Read mode	TIMED	TIMED			

2.3 Aspect



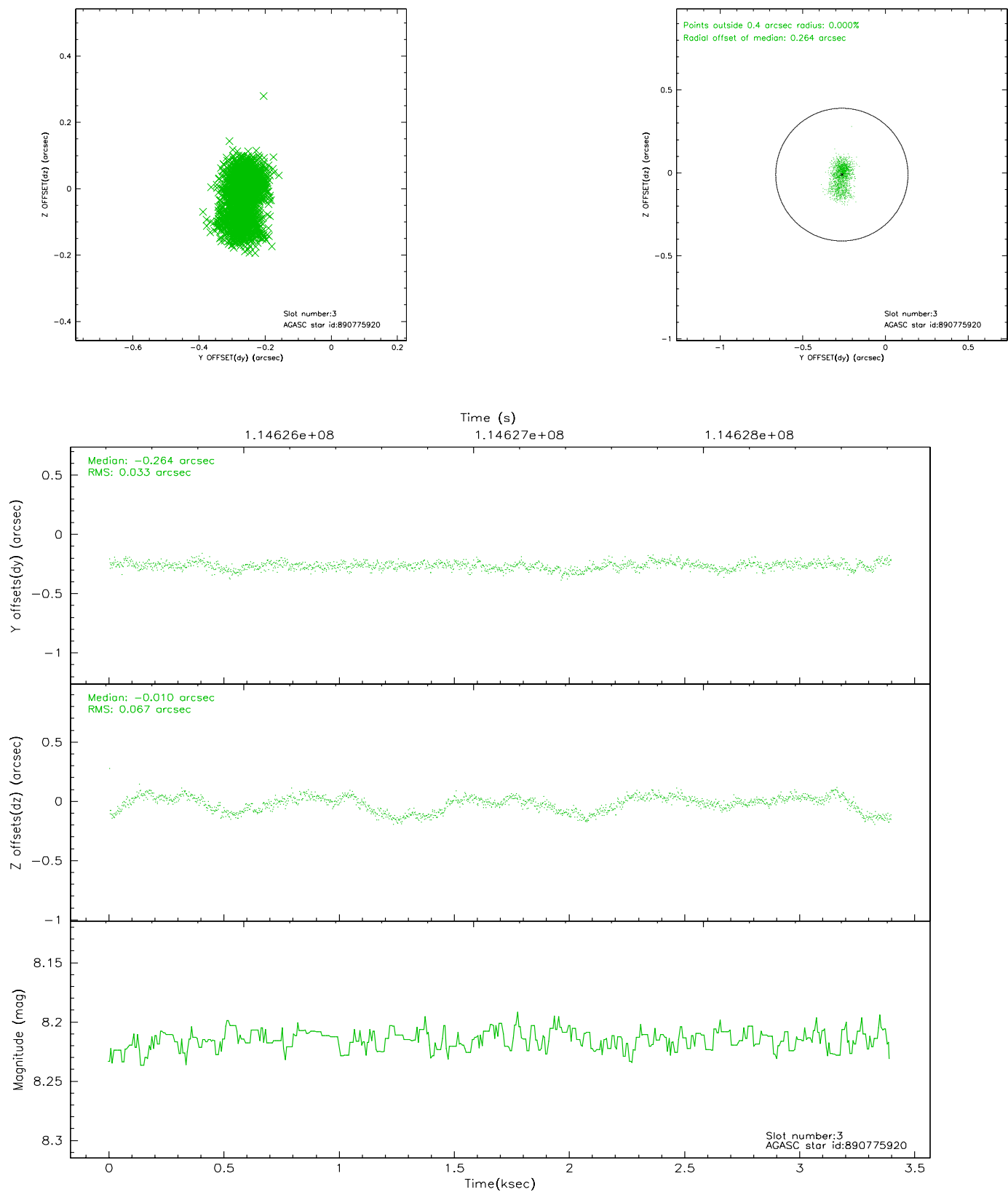


Slot Statistics

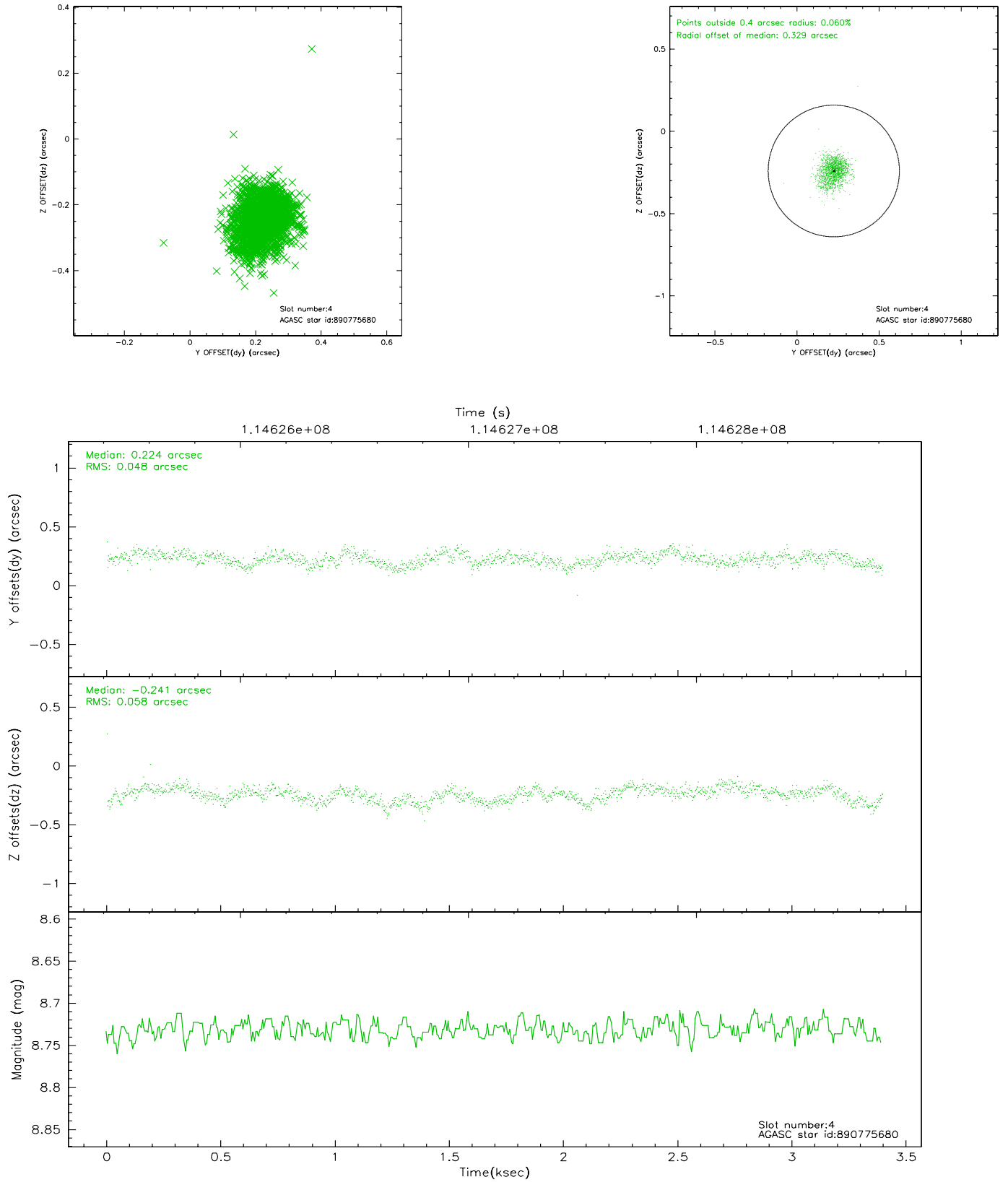
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	828	-0.035	0.045	0.006	0.011	0.000000	0.000000	938.27	-829.26
1	FID	ACIS-I-5	7.24	828	-0.020	0.028	0.006	0.010	0.000000	0.000000	-1808.75	1067.32
2	FID	ACIS-I-6	7.27	828	-0.037	-0.002	0.006	0.011	0.000000	0.000000	401.83	1713.88
3	GUIDE	890775920	8.21	1657	-0.264	-0.010	0.077	0.136	250.305809	-23.324119	-2128.63	613.69
4	GUIDE	890775680	8.73	1655	0.224	-0.241	0.080	0.126	249.639855	-24.132128	1036.25	-1191.06
5	GUIDE	891299792	8.41	1657	0.079	0.102	0.078	0.124	250.360649	-24.402368	1700.89	1278.64
6	GUIDE	891292680	9.91	1656	0.344	0.344	0.145	0.225	250.639693	-24.632888	2411.60	2290.43
7	GUIDE	890772080	10.02	1656	-0.379	-0.188	0.218	0.352	249.550711	-23.261101	-2032.35	-1890.50

2.4 Star Slots

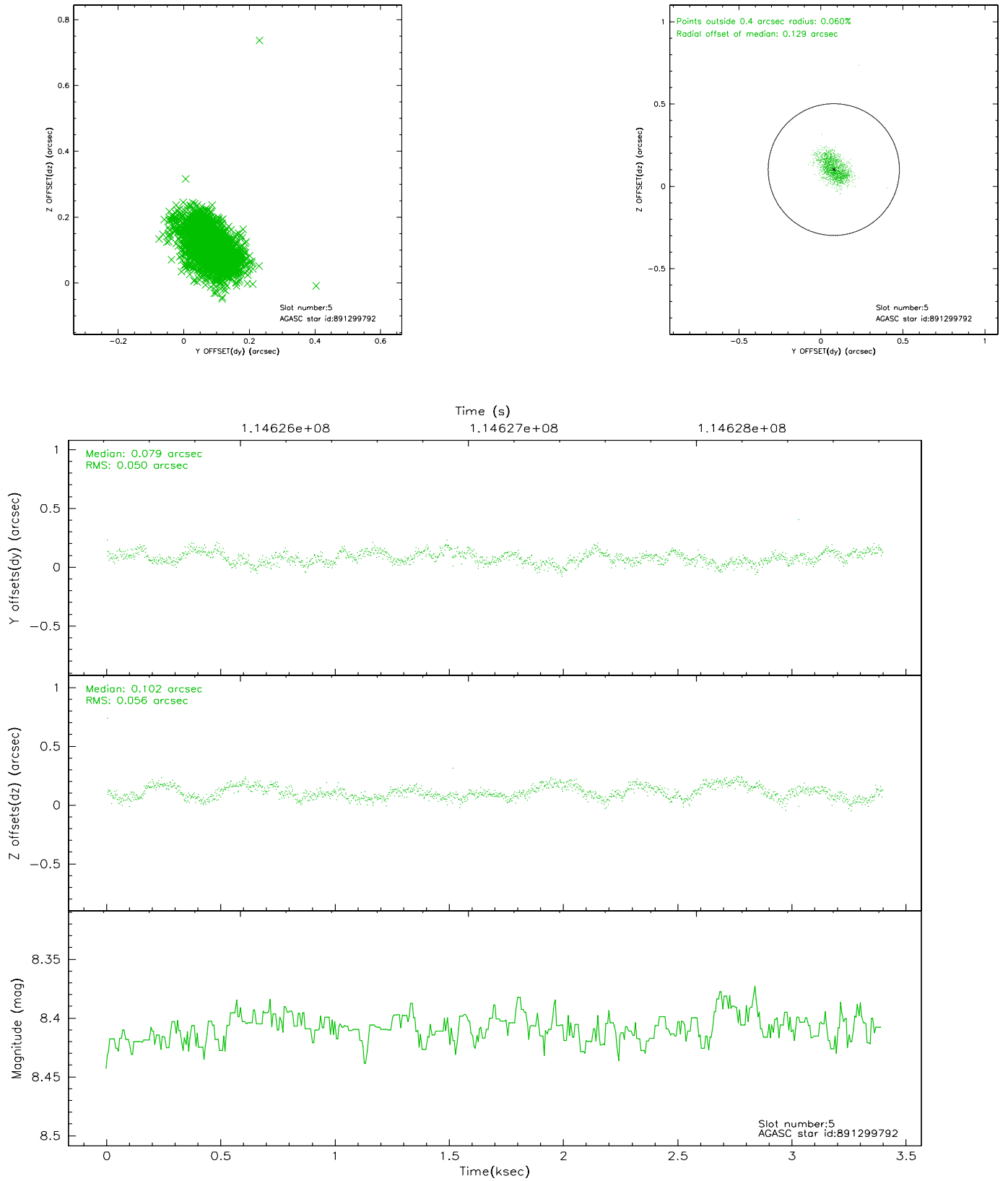
2.4.1 Slot 3



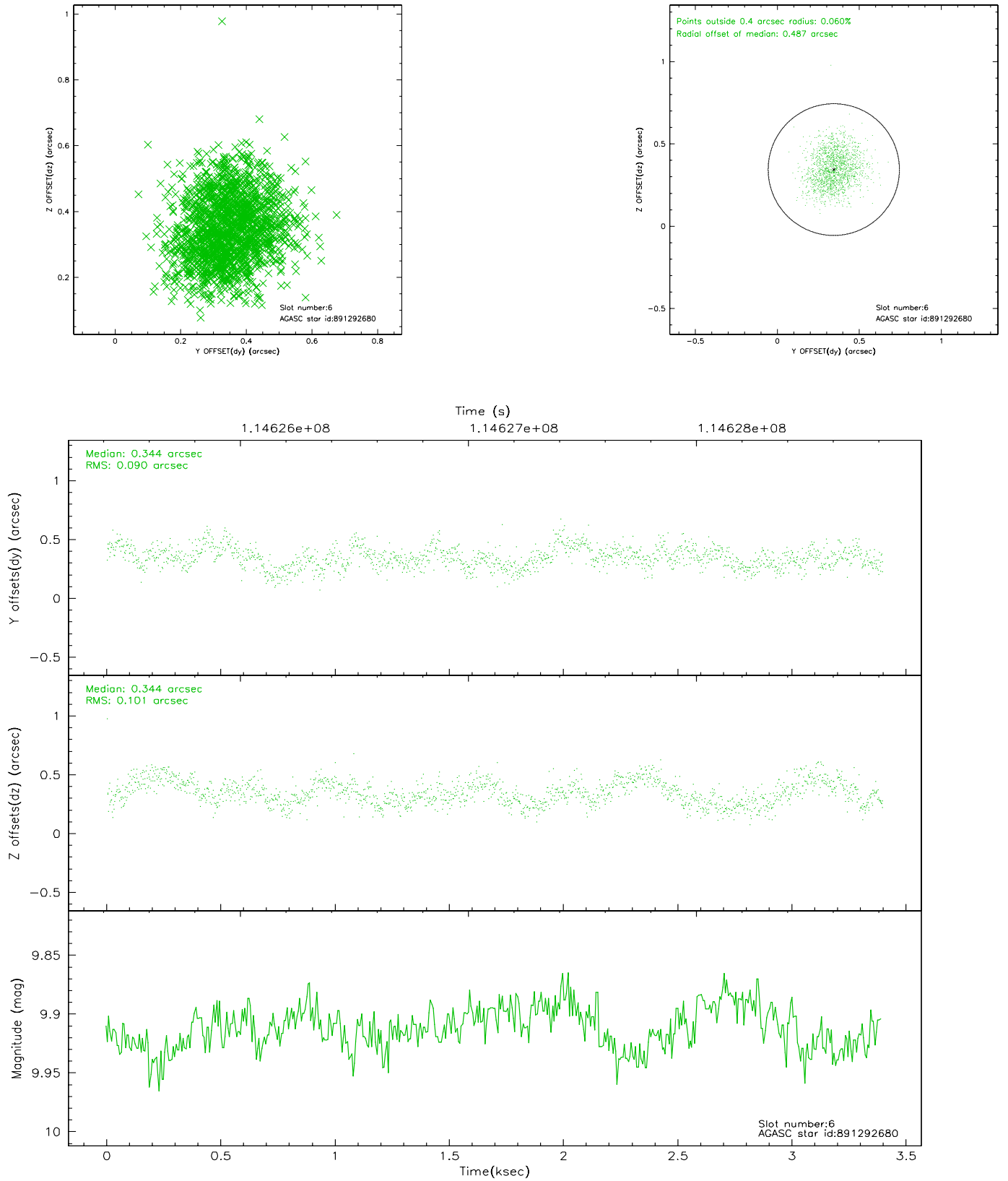
2.4.2 Slot 4



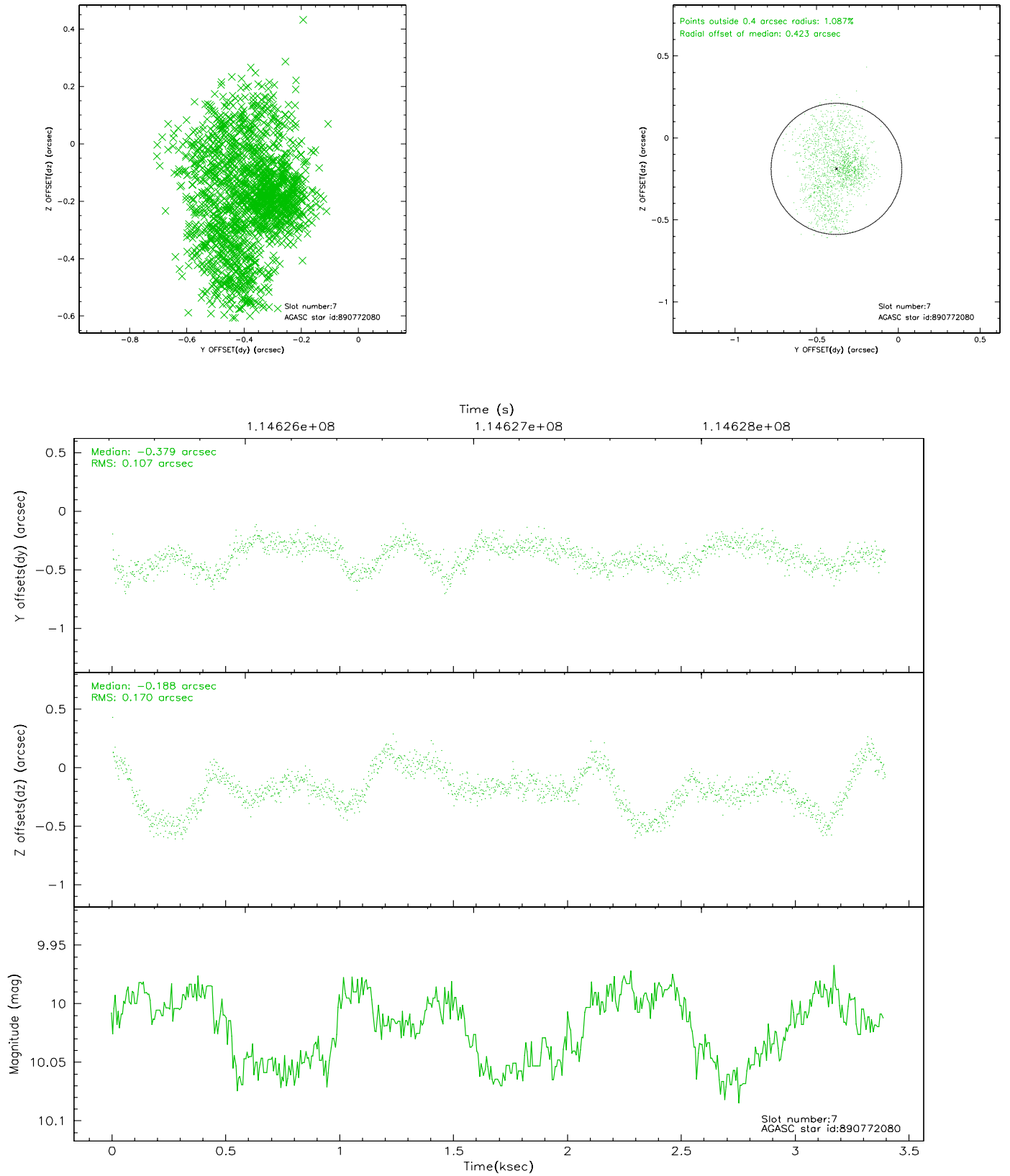
2.4.3 Slot 5



2.4.4 Slot 6

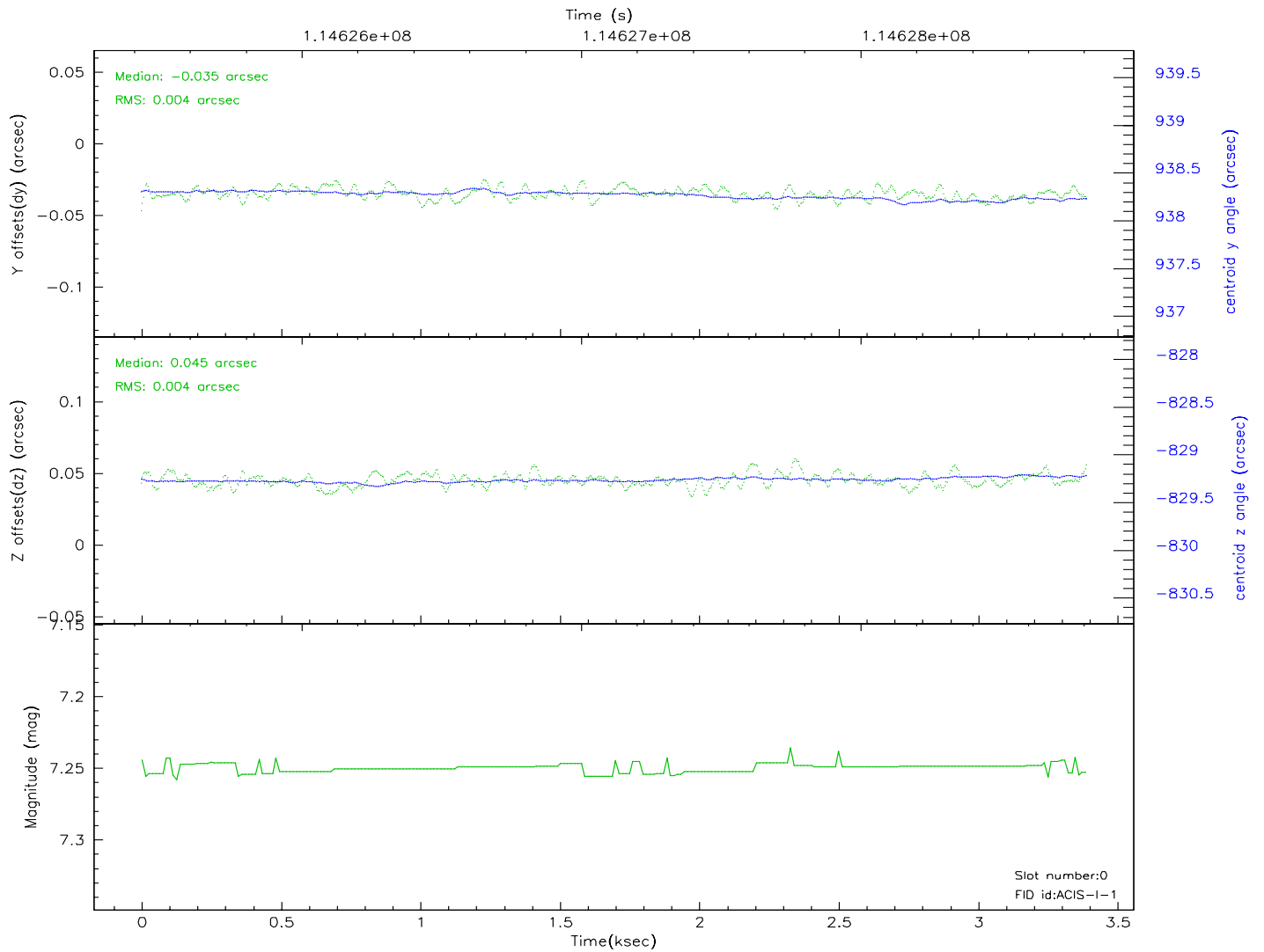
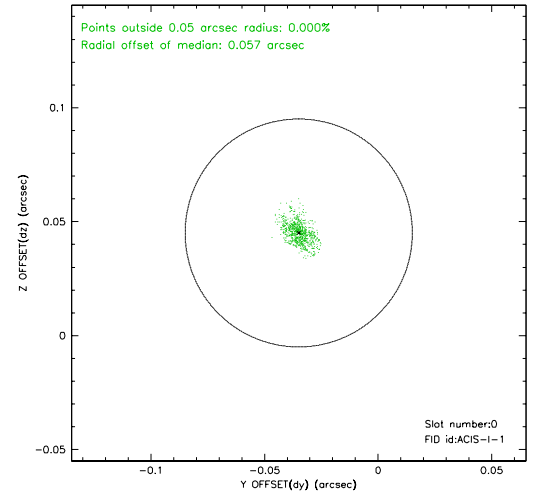
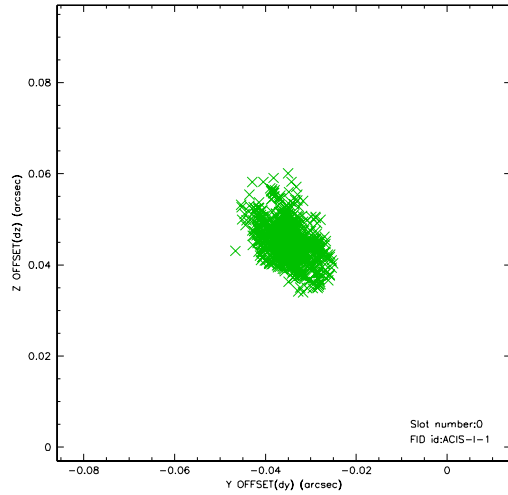


2.4.5 Slot 7

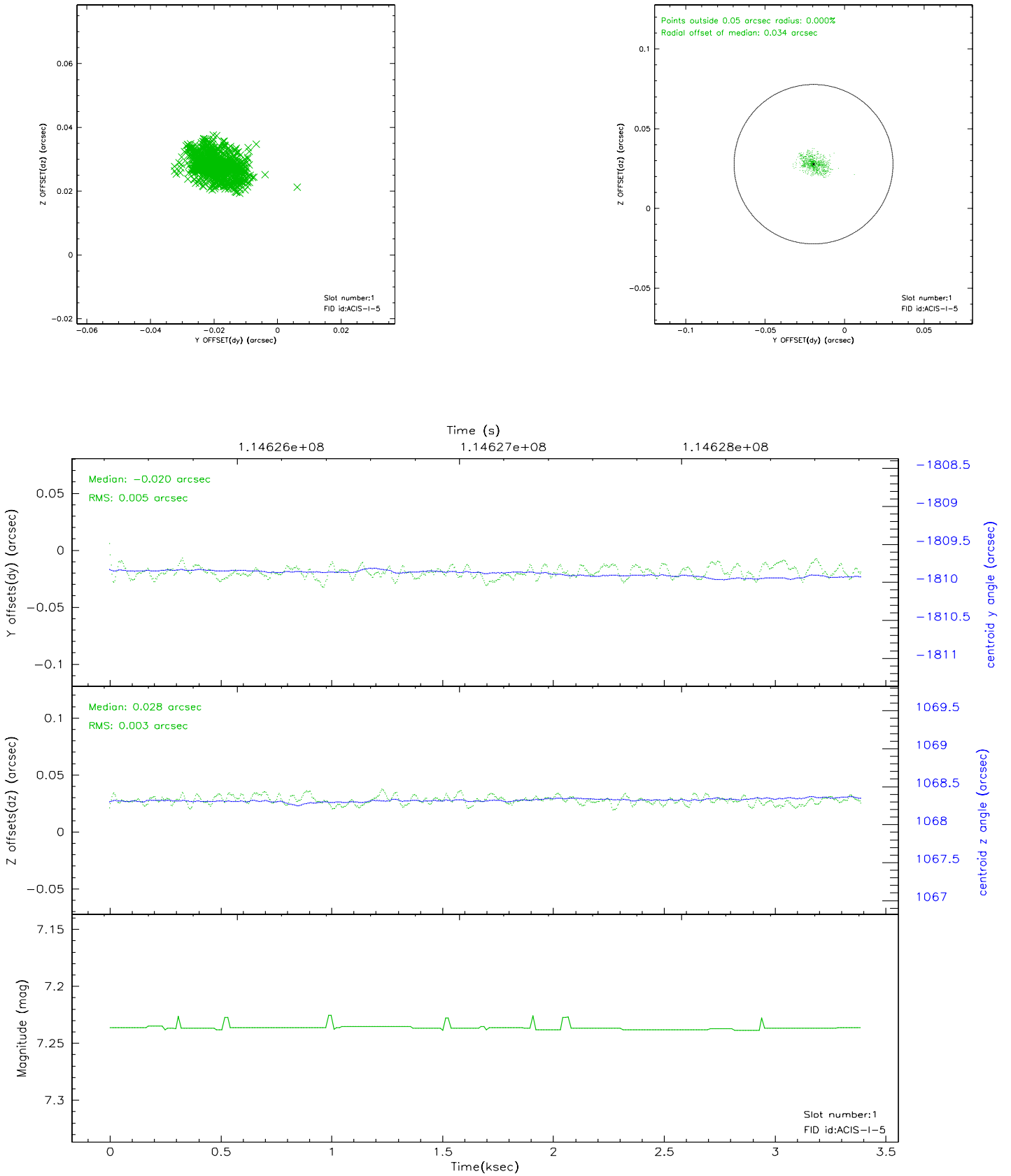


2.5 FID Slots

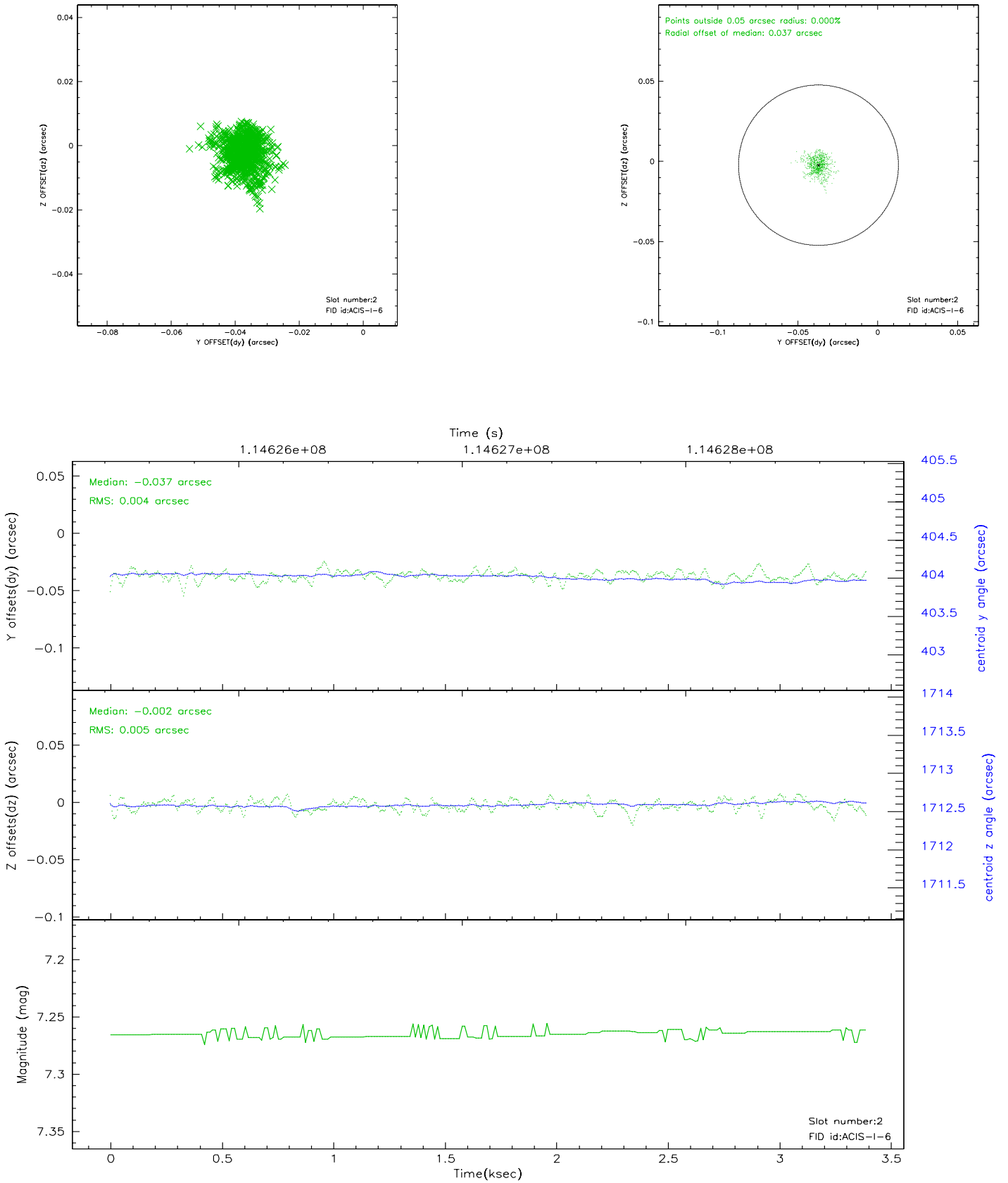
2.5.1 Slot 0



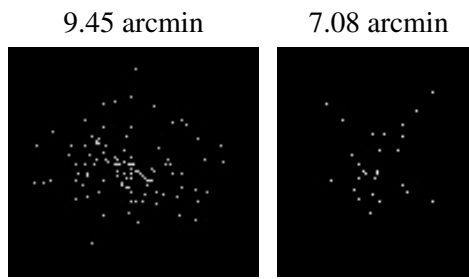
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.956

A.2 Comments