

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5186 - L2 Version 001
Chandra X-Ray Center

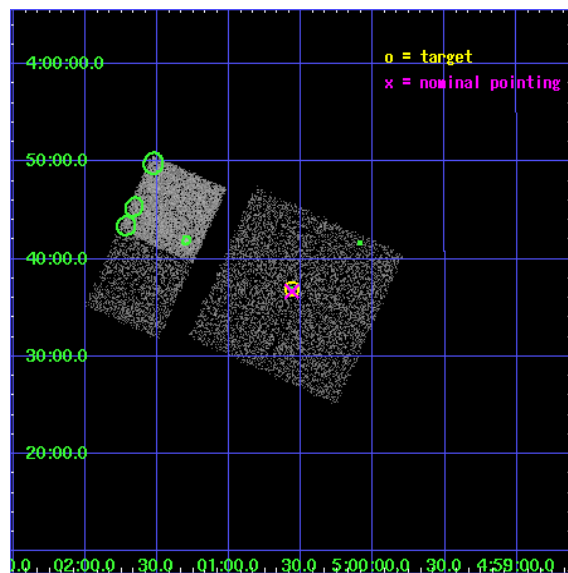
L2 Processing Date : Jun 6 2006

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1 Front

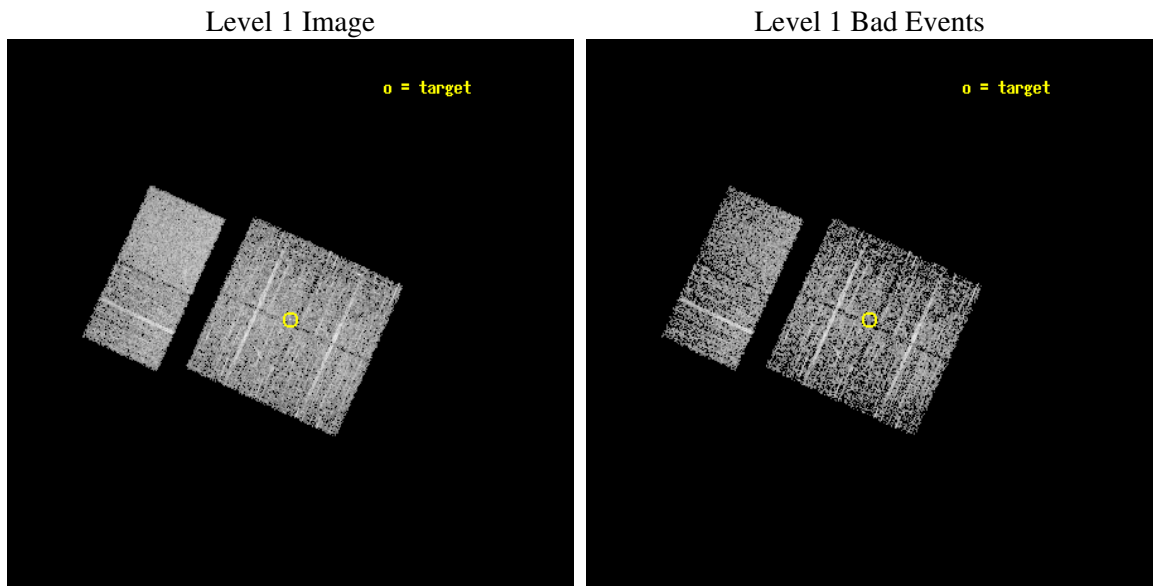
seq_num	200294
obs_id	5186
title	Search for beta Pic analogs
observer	Professor Gordon Garmire
object	HR 1610
dtcycle	0
cycle	P
ra_targ	75.14125
dec_targ	3.615833
ra_nom	75.141291096172
dec_nom	3.6112856092609
roll_nom	294.57236455067
revision	2
ontime	3151.9999882579
livetime	3112.0874665
ontime0	3151.9999882579
ontime1	3151.9999882579
ontime2	3151.9999882579
ontime3	3151.9999882579
ontime6	3151.9999882579
ontime7	3151.9999882579
l2events	20934



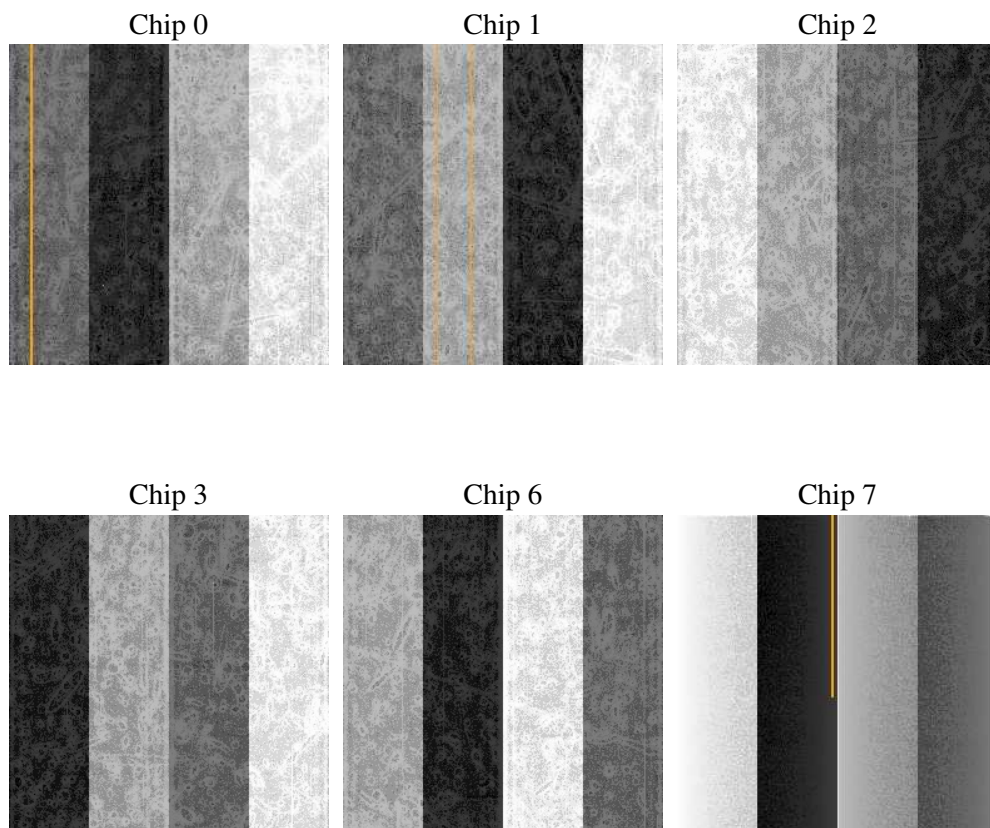
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-06-06T22:51:58
revision	2

sched_exp_time	3000.000000
ontime	5020.3183787465
ontime0	5020.3183787465
ontime1	5020.3183588684
ontime2	5020.3183787465
ontime3	5020.3183787465
ontime6	5020.3183787465
ontime7	5020.3183787465
l1events	198968

2.1.4 Events

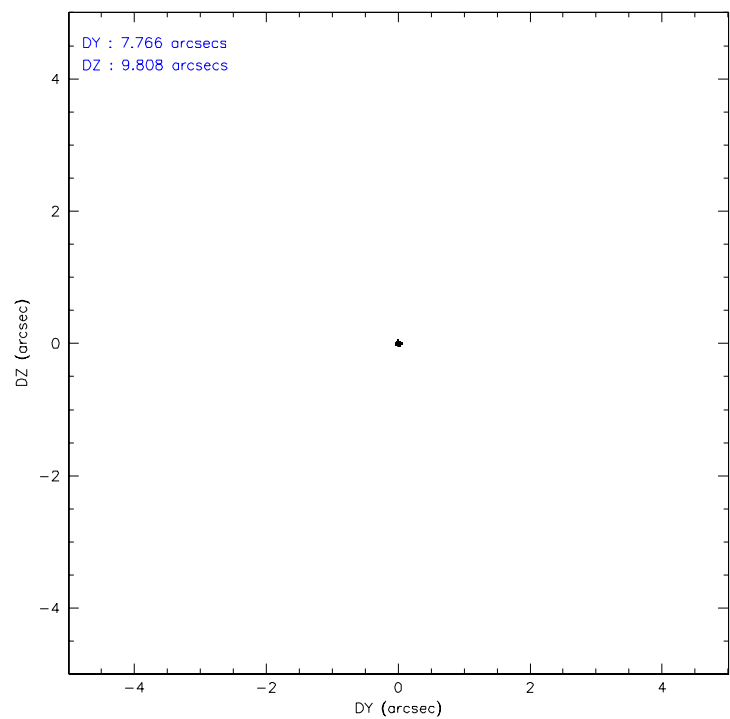
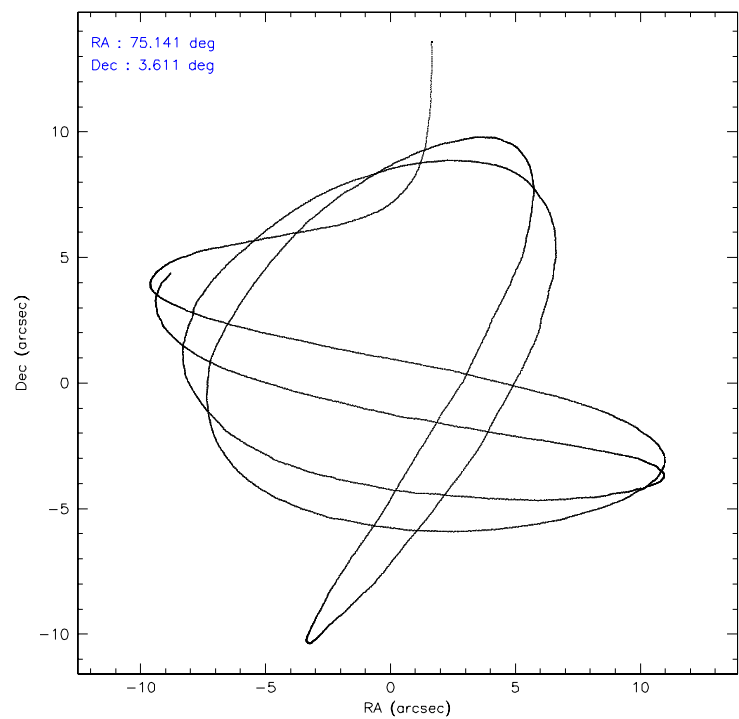
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	28981	29578	33287	30830	32565	43727
rejected events	26518	26885	30889	28467	30177	33209
rejected %	91%	90%	92%	92%	92%	75%

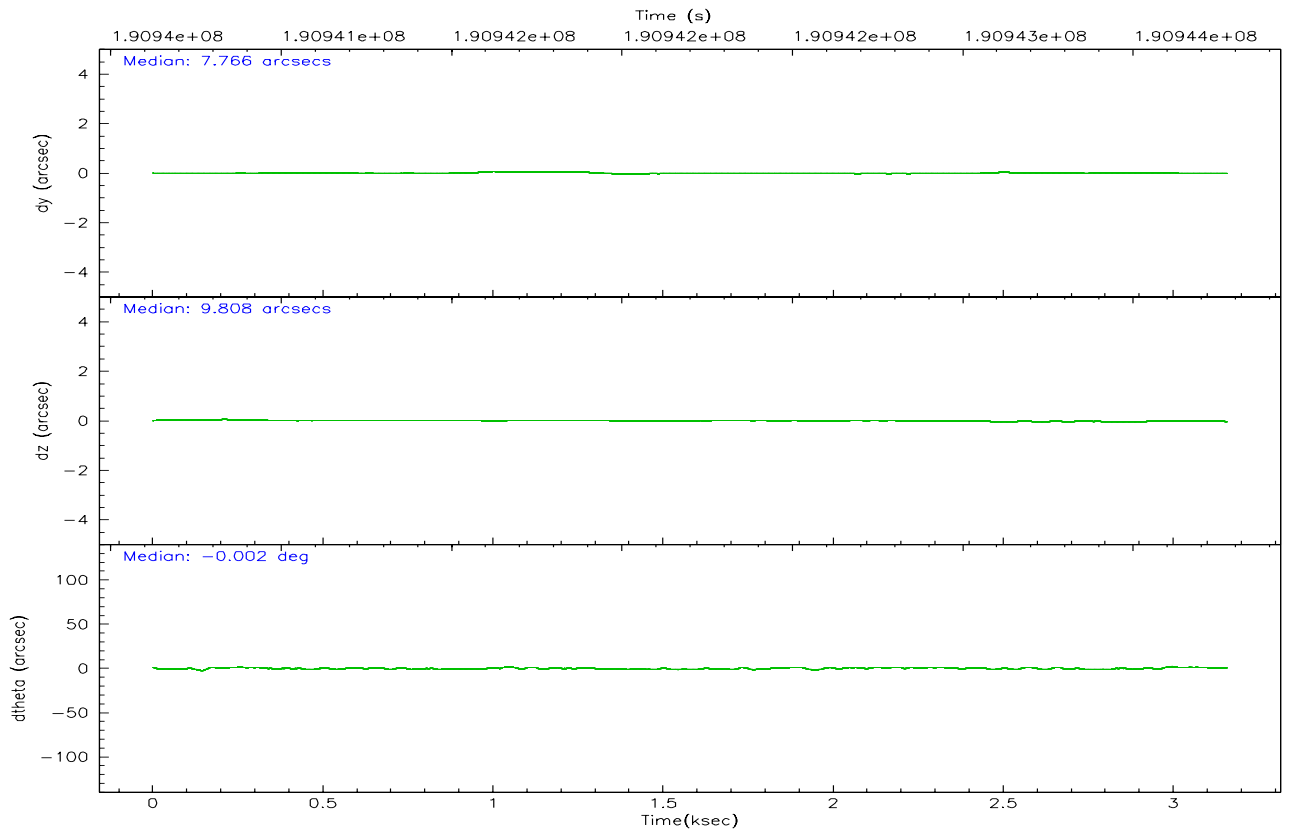
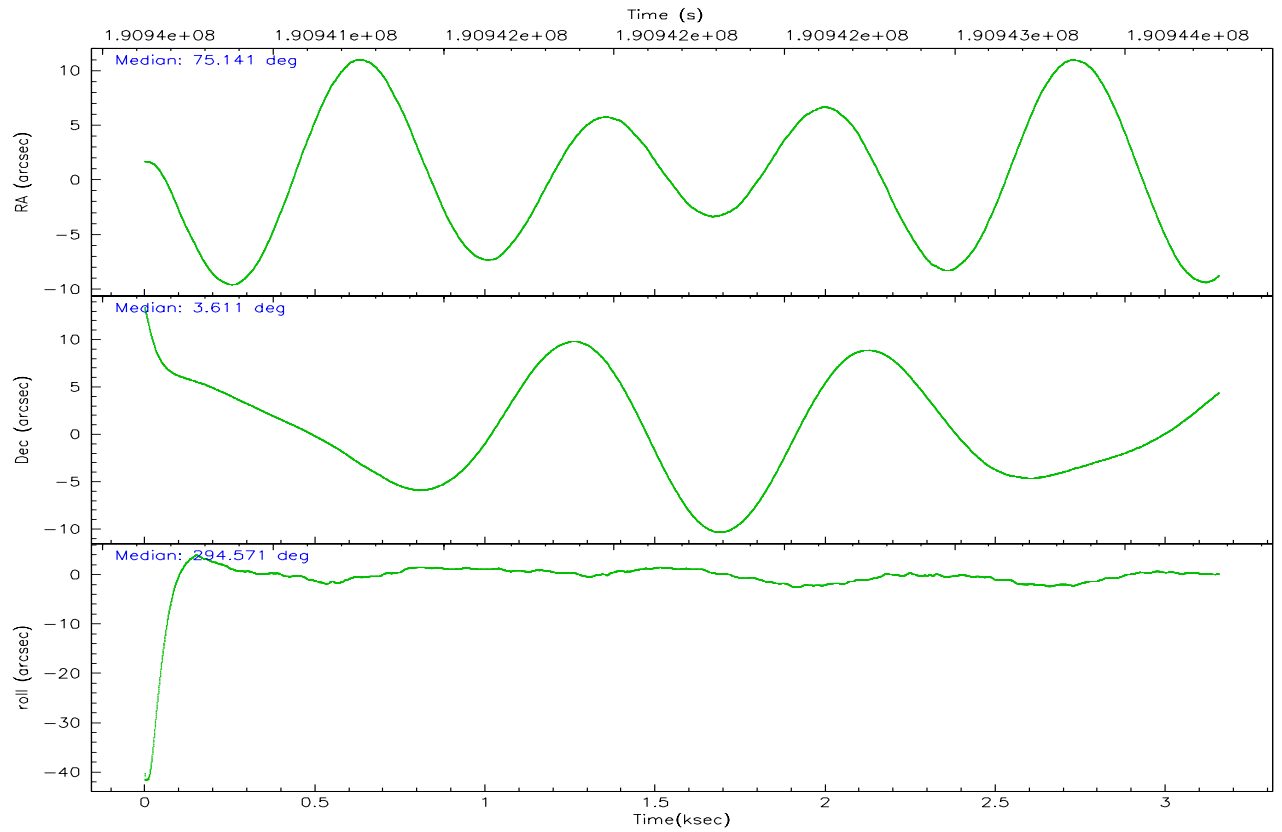
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1660	1700	1692	1704	1556	923
	5%	5%	5%	5%	4%	2%
grade 1 events	21	14	25	21	16	28
	0%	0%	0%	0%	0%	0%
grade 2 events	788	853	757	660	798	4111
	2%	2%	2%	2%	2%	9%
grade 3 events	377	412	327	354	372	859
	1%	1%	0%	1%	1%	1%
grade 4 events	342	383	405	373	339	802
	1%	1%	1%	1%	1%	1%
grade 5 events	1317	1390	1287	1483	1453	2917
	4%	4%	3%	4%	4%	6%
grade 6 events	708	824	643	635	758	9965
	2%	2%	1%	2%	2%	22%
grade 7 events	23768	24002	28151	25600	27273	24122
	82%	81%	84%	83%	83%	55%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	75.118960	75.14129109617214	Alternating exposures requested	N	N
Pointing Dec	3.626980	3.611285609260949	Primary exposure time	0.000000	3.2
Pointing Roll	294.365273	294.5723645506736			
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	190940784.184000	190938765.09422			
Observation start date	2004-01-19T23:05:20	2004-01-19T22:32:45			
Observation end time	190943784.184000	190944366.20696			
Observation end date	2004-01-19T23:55:20	2004-01-20T00:06:06			
Read mode	TIMED	TIMED			

2.3 Aspect



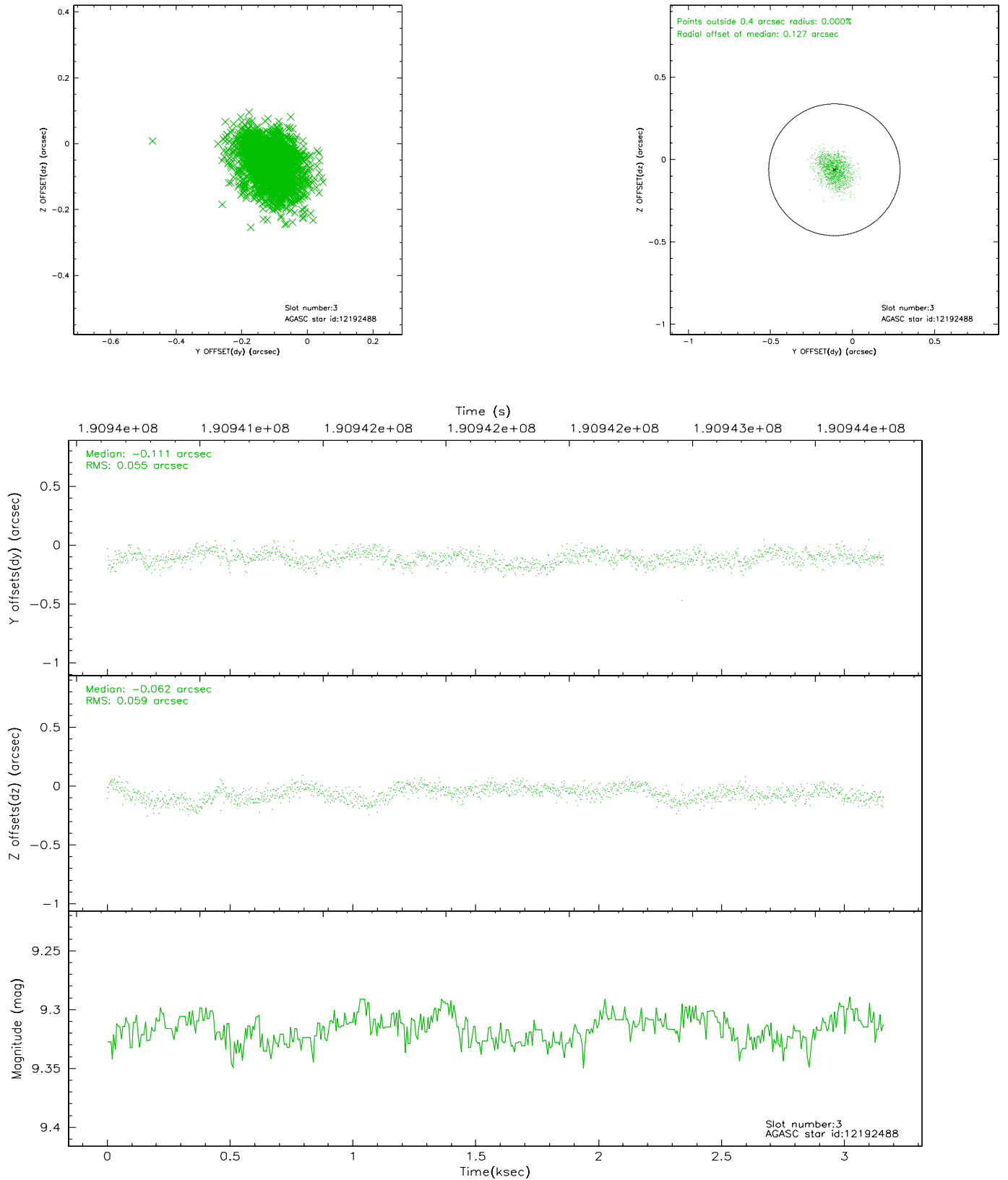


Slot Statistics

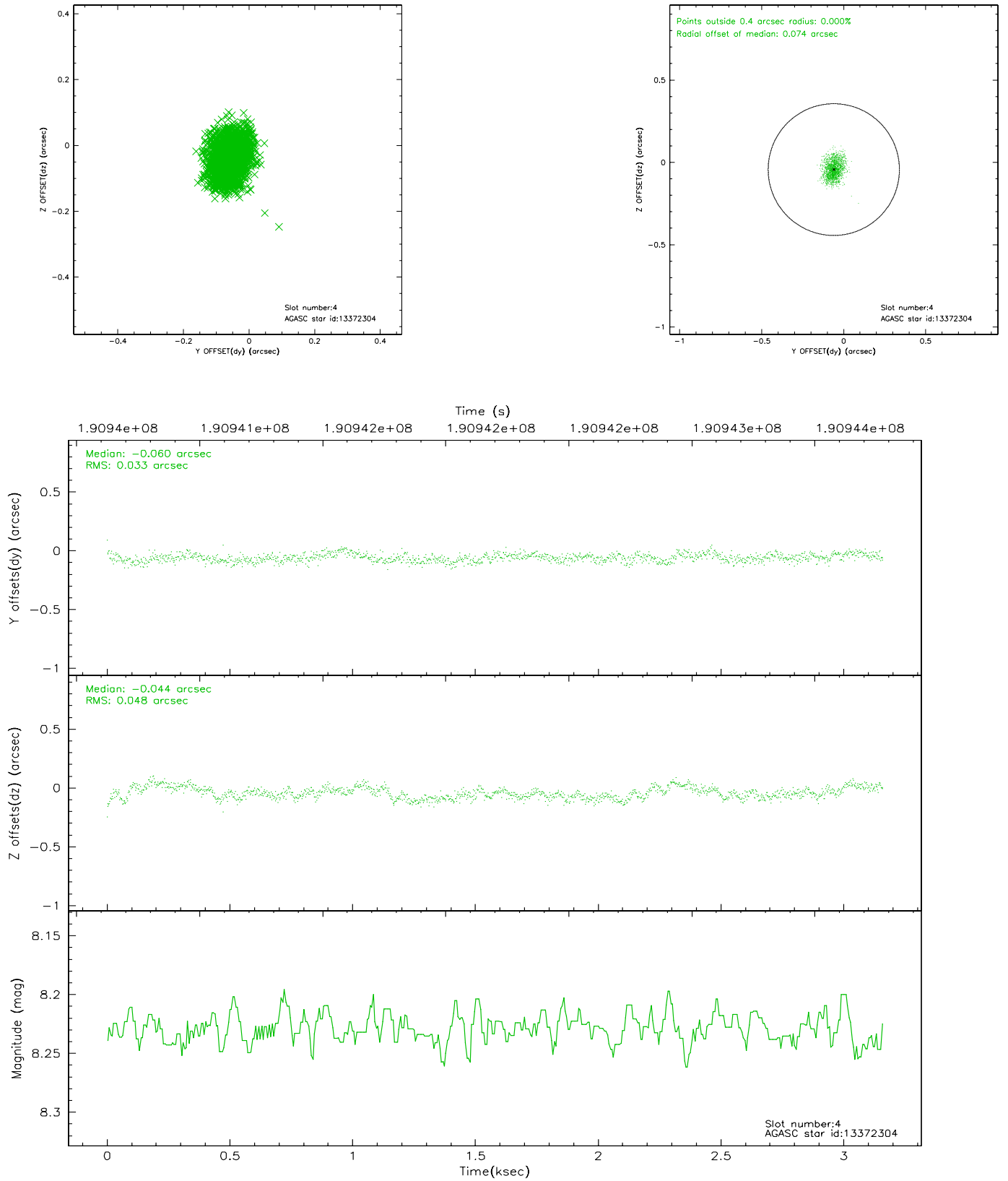
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.13	771	-0.056	-0.046	0.008	0.015	0.000000	0.000000	-762.34	-839.68
1	FID	ACIS-I-4	7.18	771	0.126	0.051	0.005	0.009	0.000000	0.000000	2150.99	1065.57
2	FID	ACIS-I-5	7.22	771	-0.171	0.065	0.008	0.015	0.000000	0.000000	-1813.68	1065.74
3	GUIDE	12192488	9.32	1542	-0.111	-0.062	0.087	0.135	74.981383	4.187024	-2040.02	381.97
4	GUIDE	13372304	8.23	1542	-0.060	-0.044	0.062	0.098	75.358097	3.499204	772.54	593.53
5	GUIDE	13372952	7.20	1542	-0.026	-0.087	0.048	0.077	75.034248	3.286674	991.39	-782.16
6	GUIDE	13371472	7.82	1542	0.019	0.075	0.060	0.094	75.685637	3.457706	1395.79	1603.72
7	GUIDE	13373280	9.24	1541	0.179	0.116	0.092	0.145	75.978665	3.315154	2297.66	2353.70

2.4 Star Slots

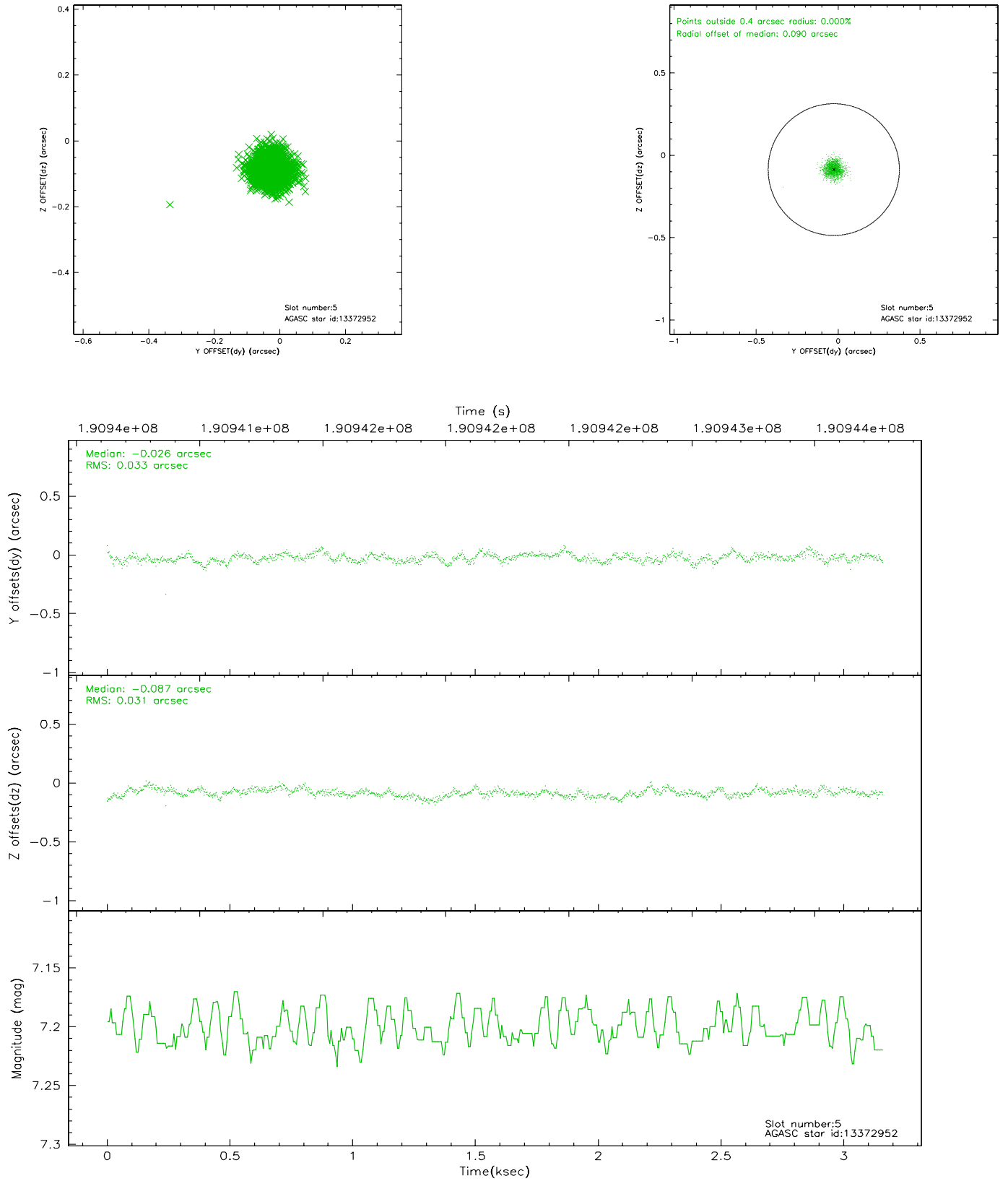
2.4.1 Slot 3



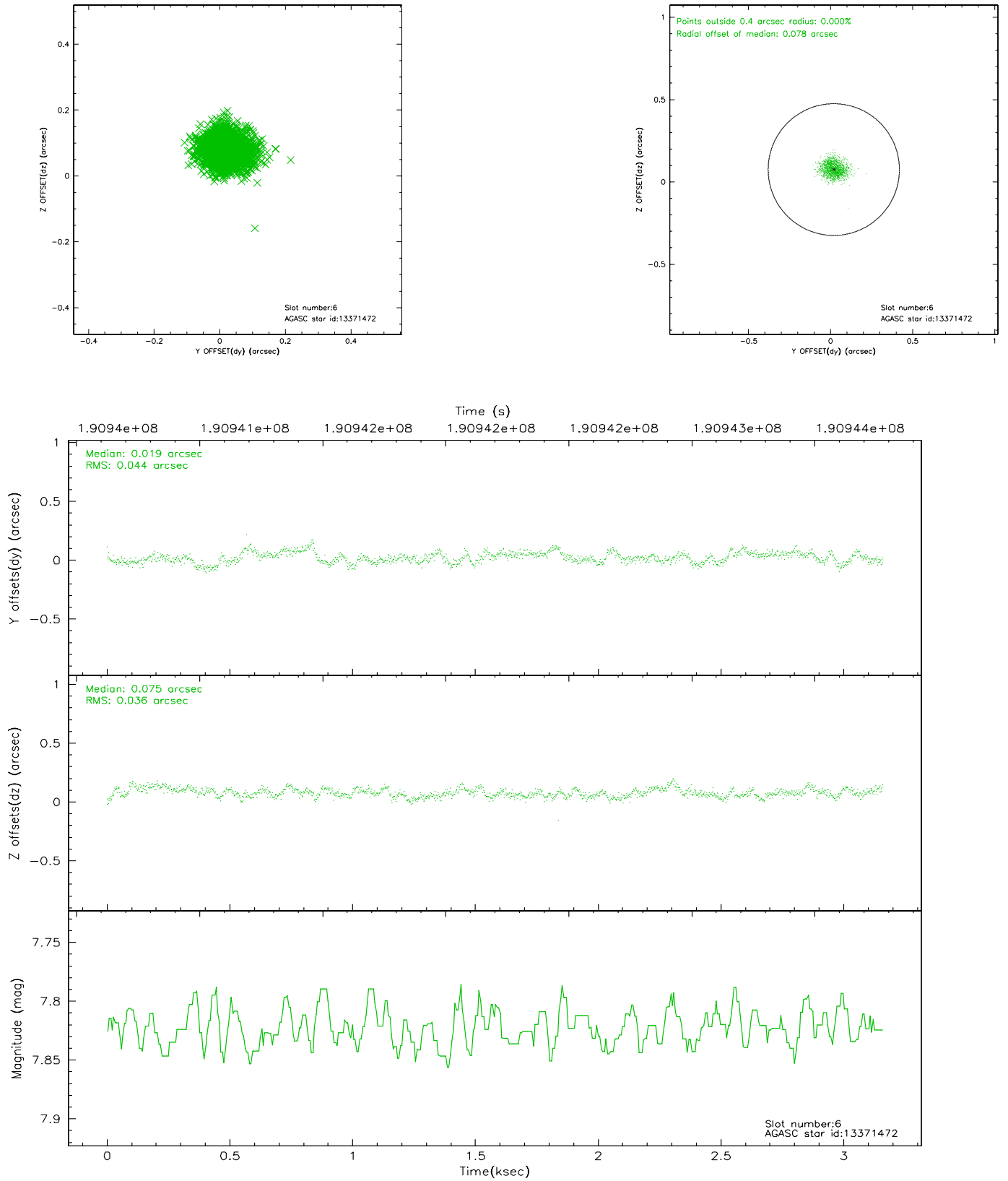
2.4.2 Slot 4



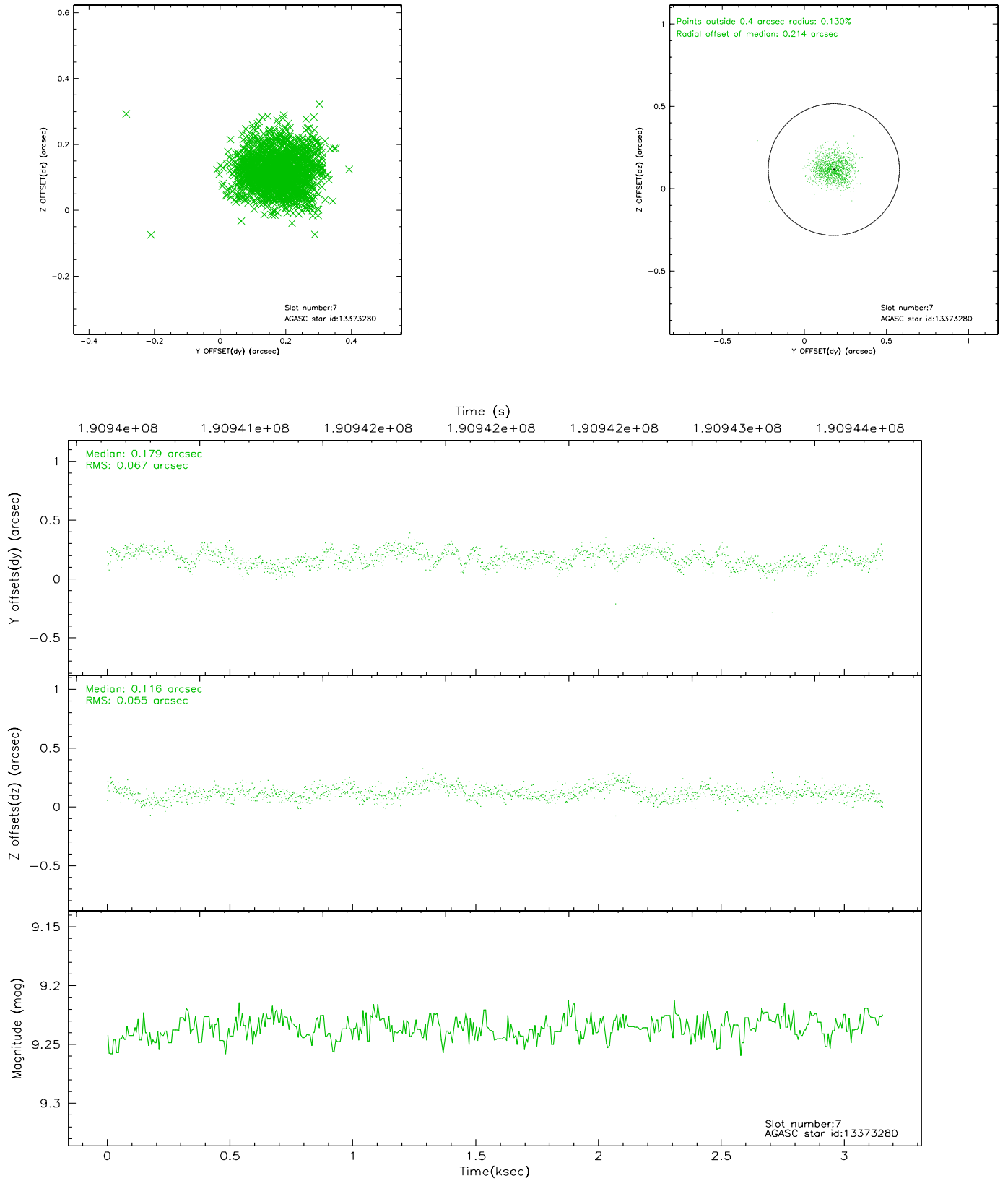
2.4.3 Slot 5



2.4.4 Slot 6

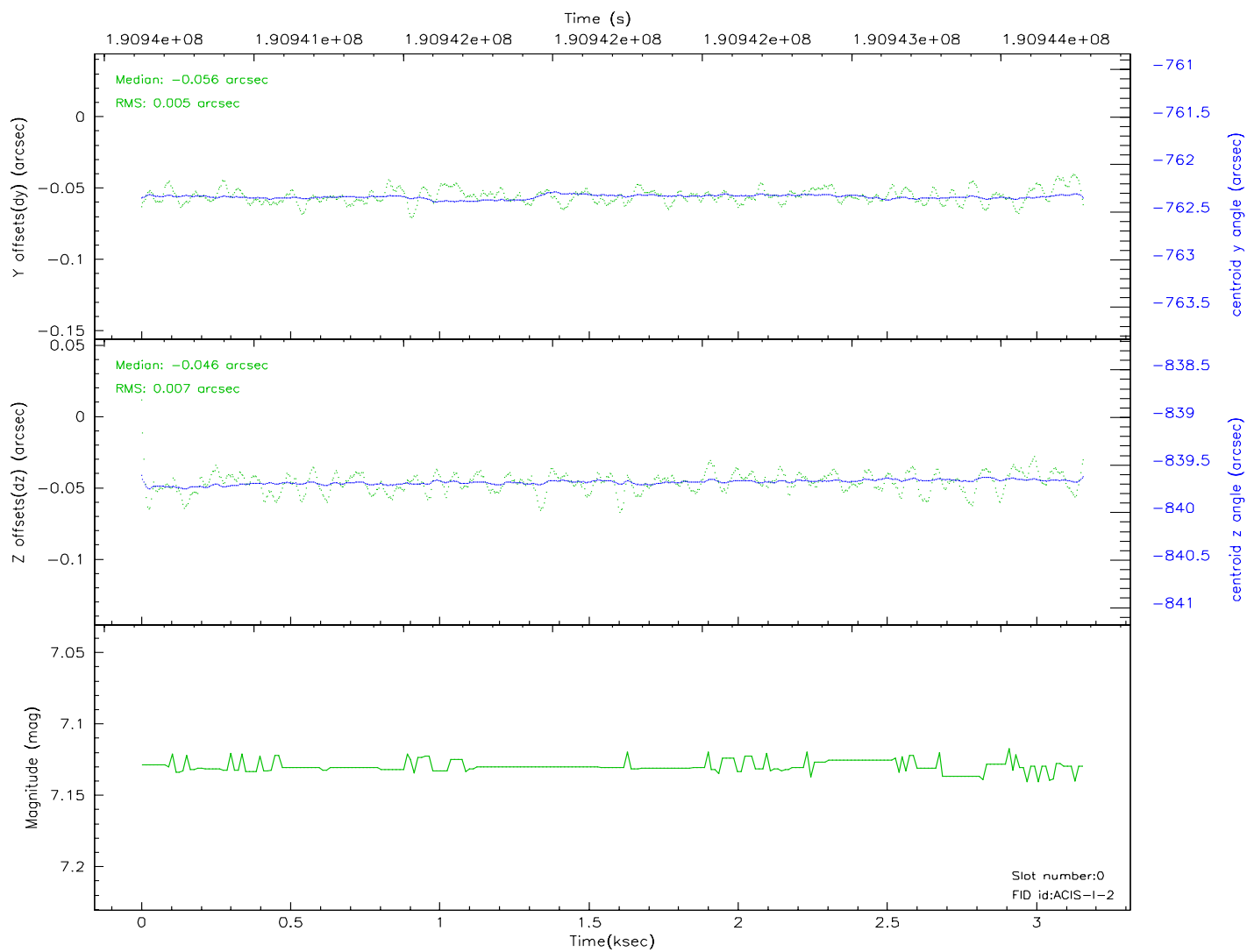
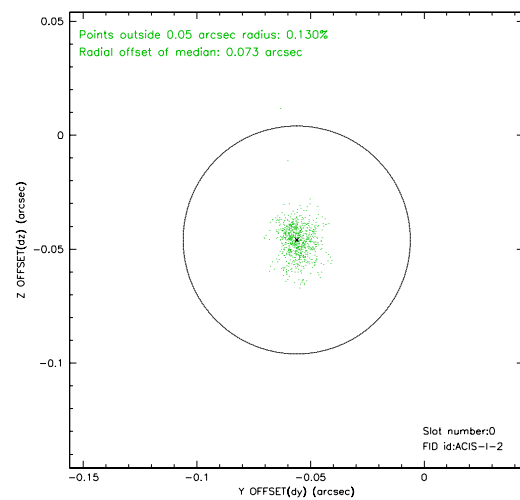
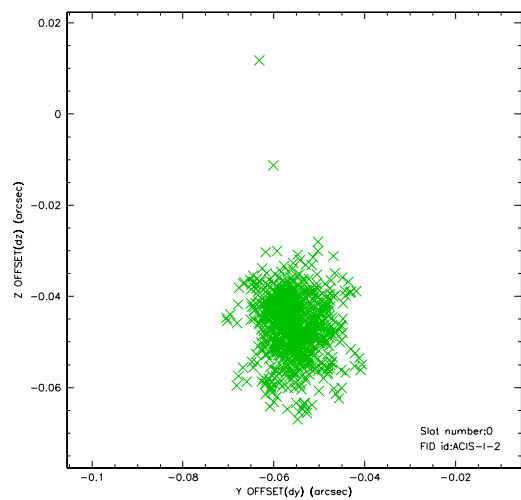


2.4.5 Slot 7

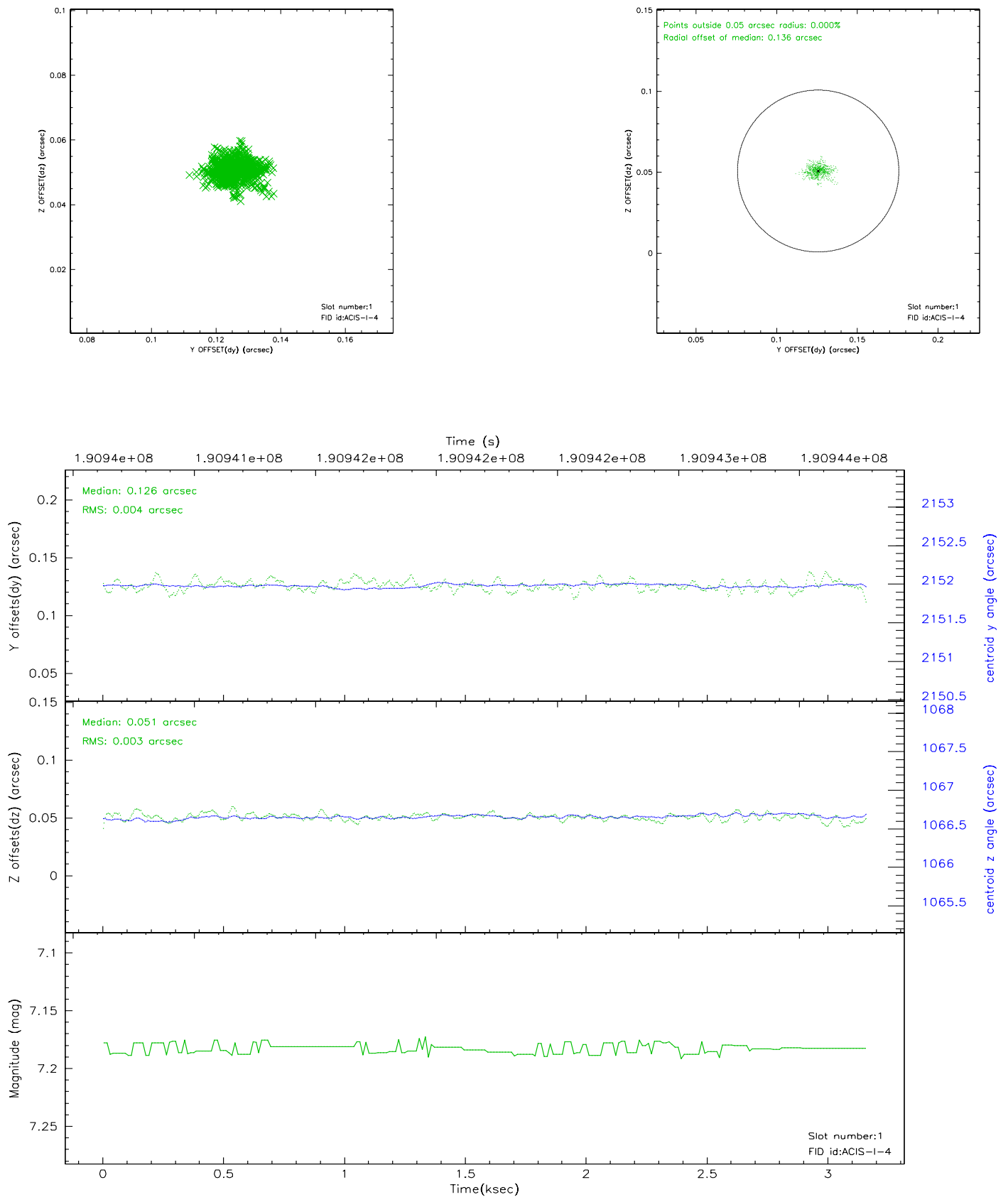


2.5 FID Slots

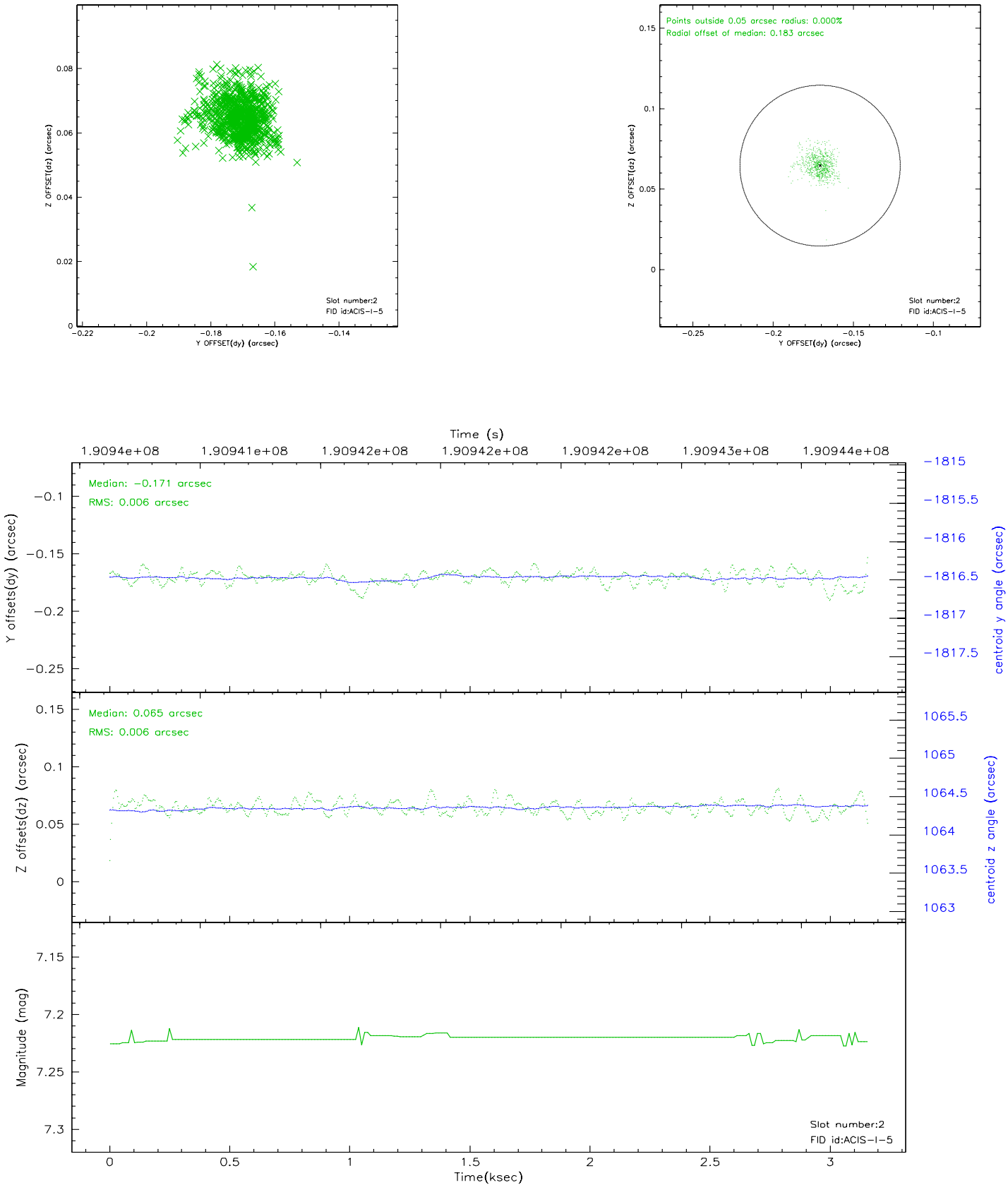
2.5.1 Slot 0



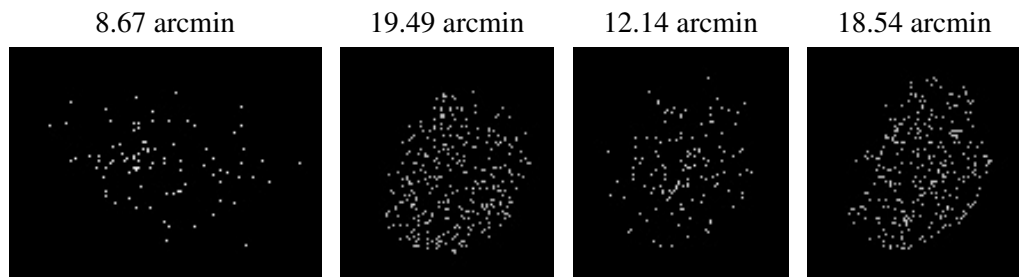
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.151

A.2 Comments