

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5904 - L2 Version 002
Chandra X-Ray Center

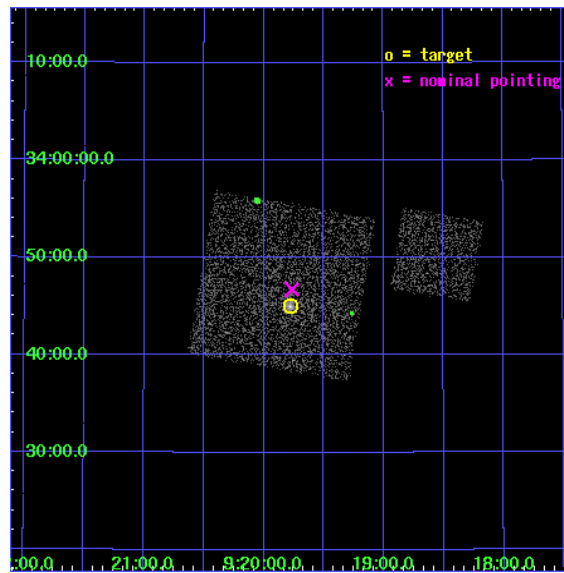
L2 Processing Date : Mar 16 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

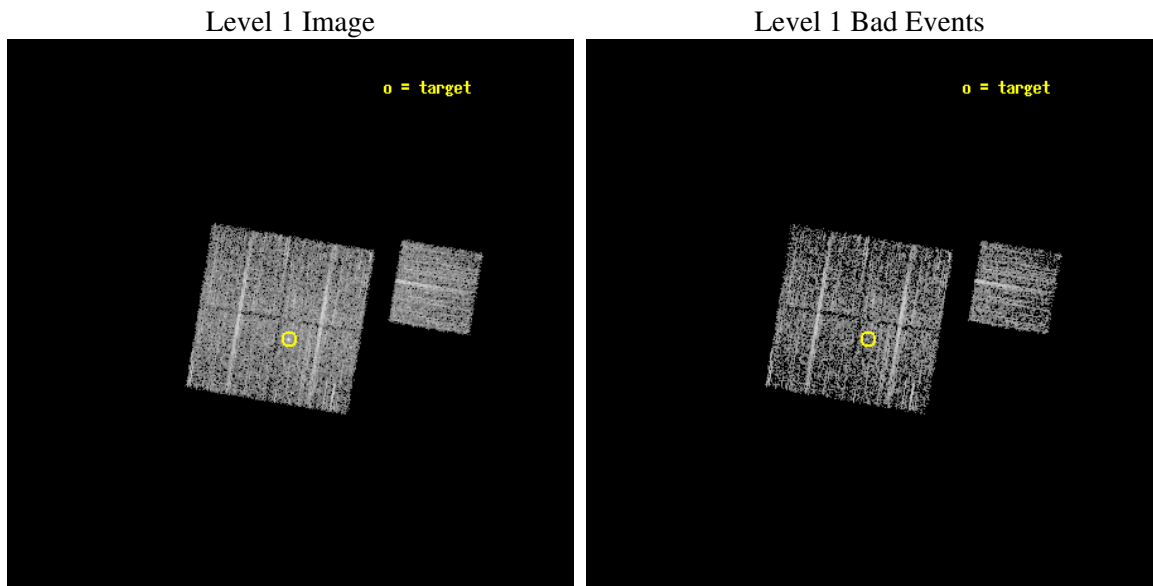
seq_num	600423
obs_id	5904
title	Snapshot Observations of X-ray Bright Early-Type Galaxies
observer	Dr. Steven Murray
object	NGC2832
dtcycle	0
cycle	P
ra_targ	139.945
dec_targ	33.749722
ra_nom	139.94144619564
dec_nom	33.778908633763
roll_nom	99.514302499854
revision	2
ontime	3046.3999886513
livetime	3007.8246376731
ontime0	3046.3999886513
ontime1	3046.3999886513
ontime2	3046.3999886513
ontime3	3046.3999886513
ontime6	3043.158988446
l2events	9234



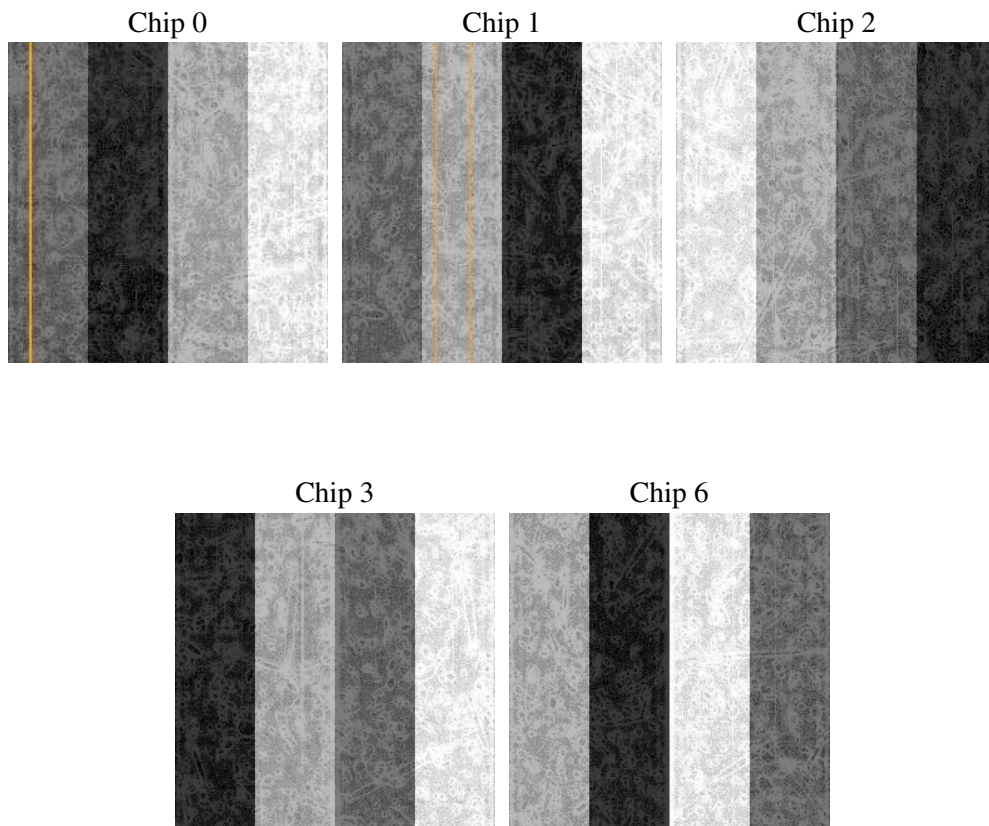
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-16T09:55:58
revision	2

sched_exp_time	3000.000000
ontime	3053.0319678485
ontime0	3053.0319678485
ontime1	3053.0319678485
ontime2	3053.0319678485
ontime3	3053.0319678485
ontime6	3049.7909676433
l1events	93181

2.1.4 Events

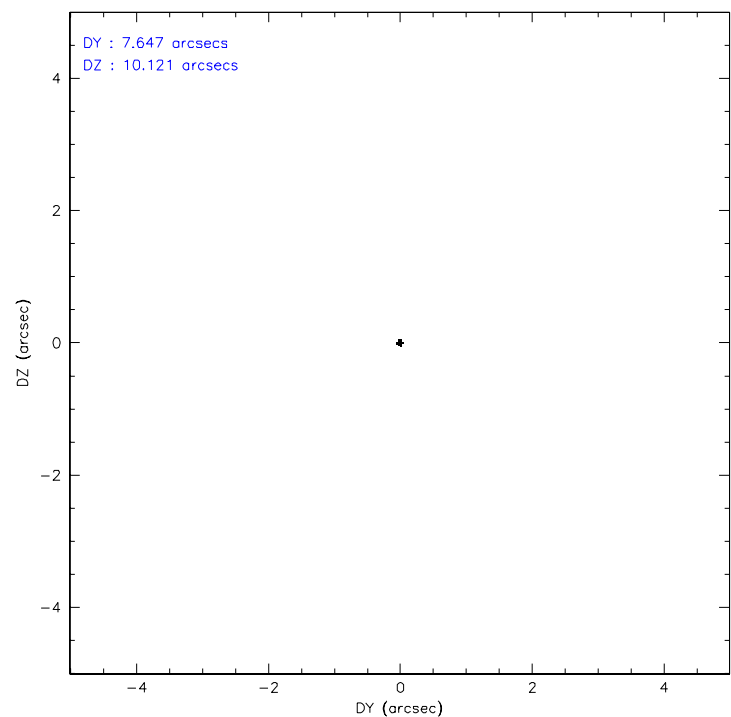
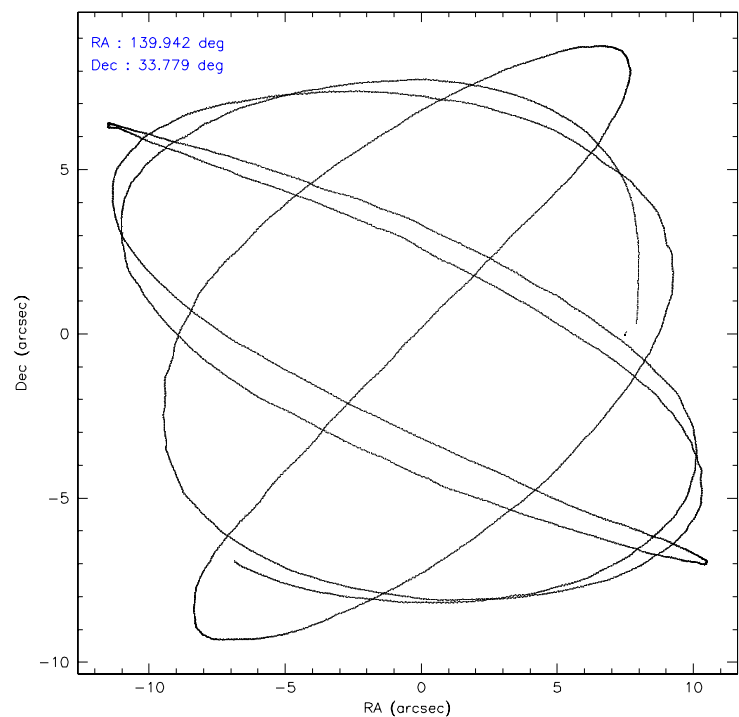
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	17147	17643	19384	19575	19432
rejected events	15135	15316	17303	17100	17444
rejected %	88%	86%	89%	87%	89%

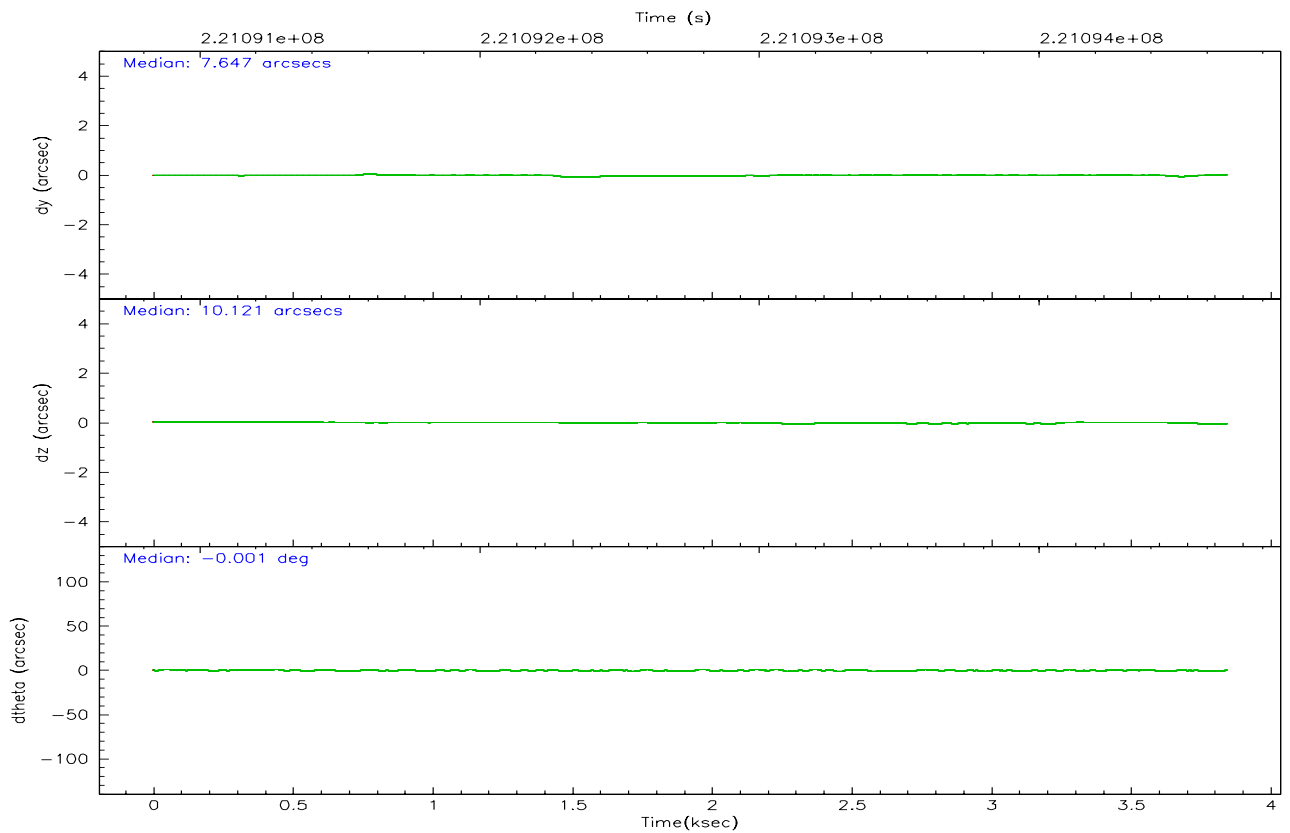
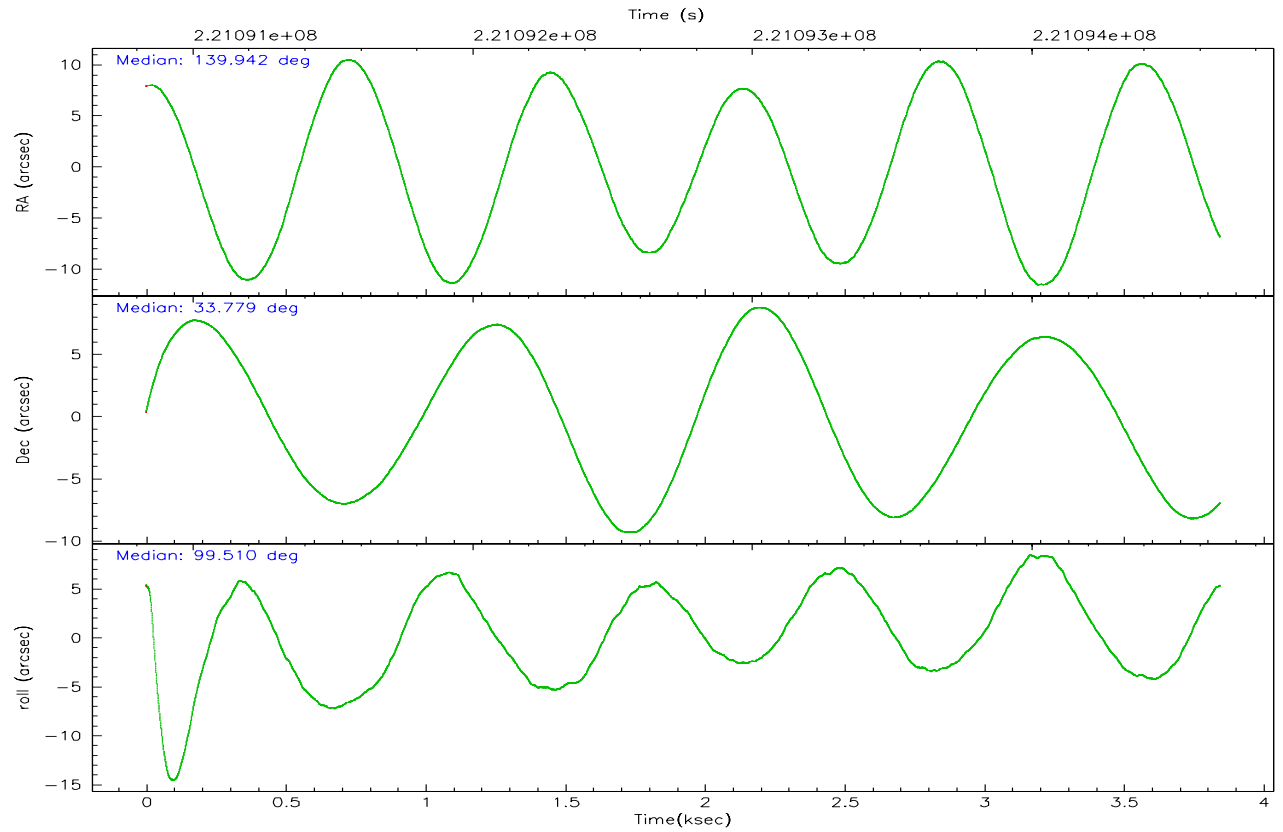
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	757	938	893	1238	753
	4%	5%	4%	6%	3%
grade 1 events	11	15	10	16	4
	0%	0%	0%	0%	0%
grade 2 events	454	471	453	413	378
	2%	2%	2%	2%	1%
grade 3 events	218	253	217	206	200
	1%	1%	1%	1%	1%
grade 4 events	211	250	205	229	214
	1%	1%	1%	1%	1%
grade 5 events	650	703	623	730	766
	3%	3%	3%	3%	3%
grade 6 events	376	423	319	398	447
	2%	2%	1%	2%	2%
grade 7 events	14470	14590	16664	16345	16670
	84%	82%	85%	83%	85%

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	139.962492	139.9414461956362	Alternating exposures requested	N	N
Pointing Dec	33.757843	33.77890863376347	Primary exposure time	0.000000	3.2
Pointing Roll	99.293837	99.51430249985444			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-232.092463	-232.0989598023052			
SIM translation stage offset (mm)	-1.5	-1.493493200624528			
Observation start time	221091675.184000	221090410.89447			
Observation start date	2005-01-02T22:20:11	2005-01-02T22:00:10			
Observation end time	221094675.184000	221096489.14474			
Observation end date	2005-01-02T23:10:11	2005-01-02T23:41:29			
Read mode	TIMED	TIMED			

2.3 Aspect



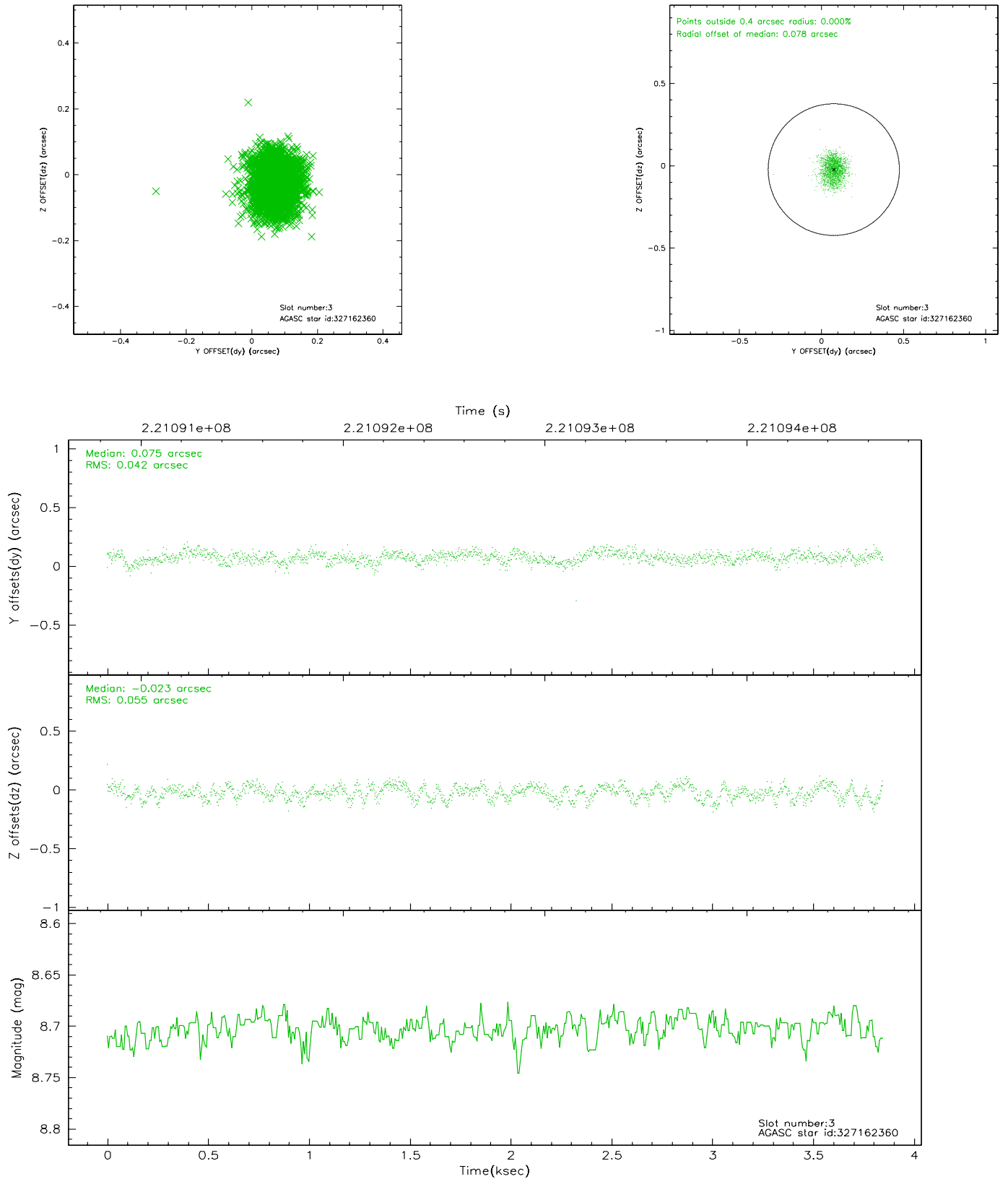


Slot Statistics

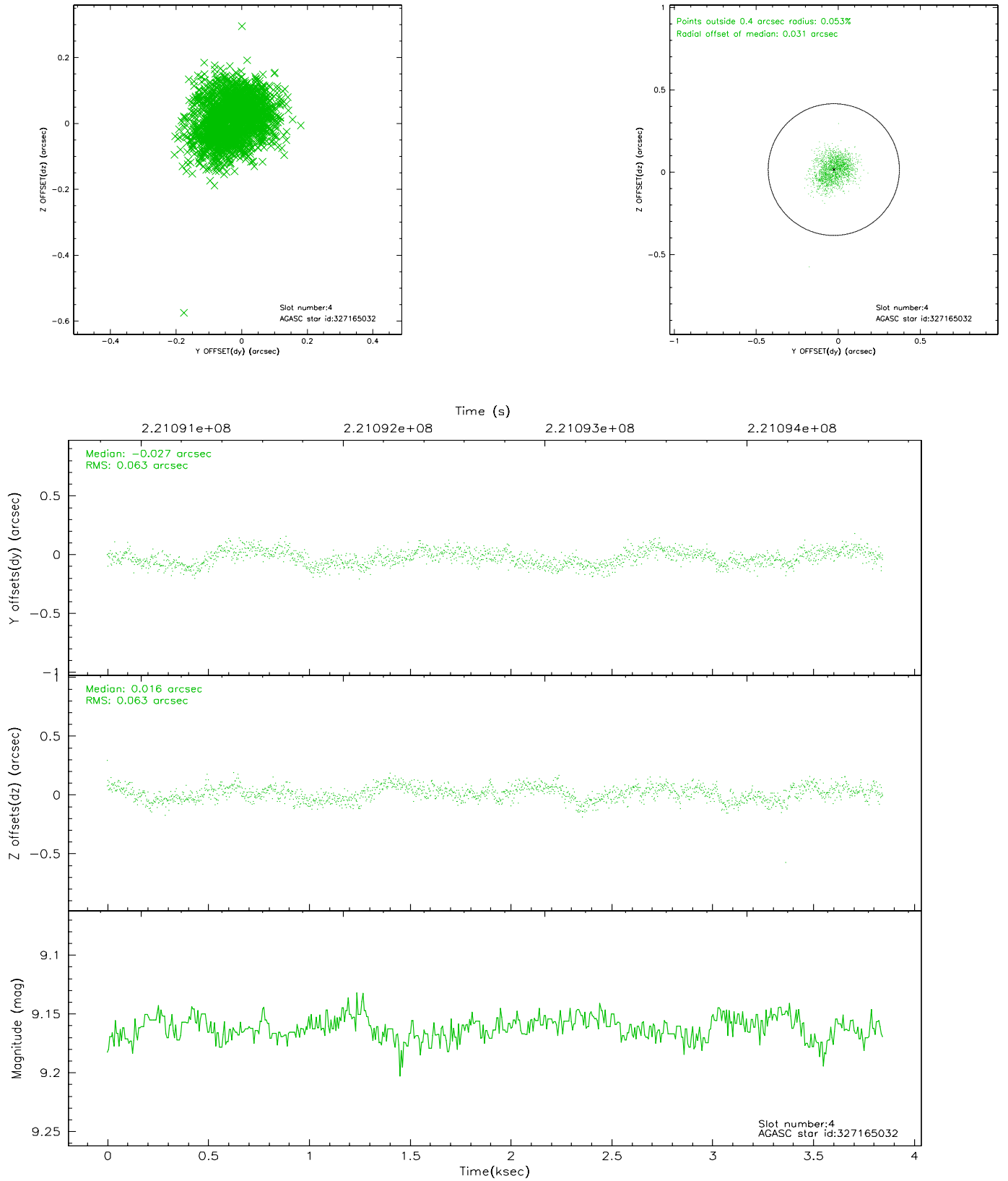
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	939	0.023	0.013	0.006	0.010	0.000000	0.000000	932.00	-864.18
1	FID	ACIS-I-5	7.23	938	-0.146	0.049	0.006	0.009	0.000000	0.000000	-1815.33	1032.56
2	FID	ACIS-I-6	7.25	939	0.033	0.009	0.007	0.010	0.000000	0.000000	395.84	1678.82
3	GUIDE	327162360	8.70	1873	0.075	-0.023	0.075	0.117	140.144778	33.760524	-78.25	-539.79
4	GUIDE	327165032	9.16	1877	-0.027	0.016	0.096	0.148	140.214951	33.151031	-2277.72	-398.53
5	GUIDE	327168488	8.84	1876	-0.034	0.069	0.073	0.119	140.178859	34.177574	1386.69	-879.92
6	GUIDE	327168896	9.69	1872	0.084	-0.076	0.116	0.186	140.297138	33.254037	-1949.99	-702.07
7	GUIDE	327165288	8.40	1875	-0.103	0.026	0.101	0.158	140.847581	33.464011	-1462.81	-2454.56

2.4 Star Slots

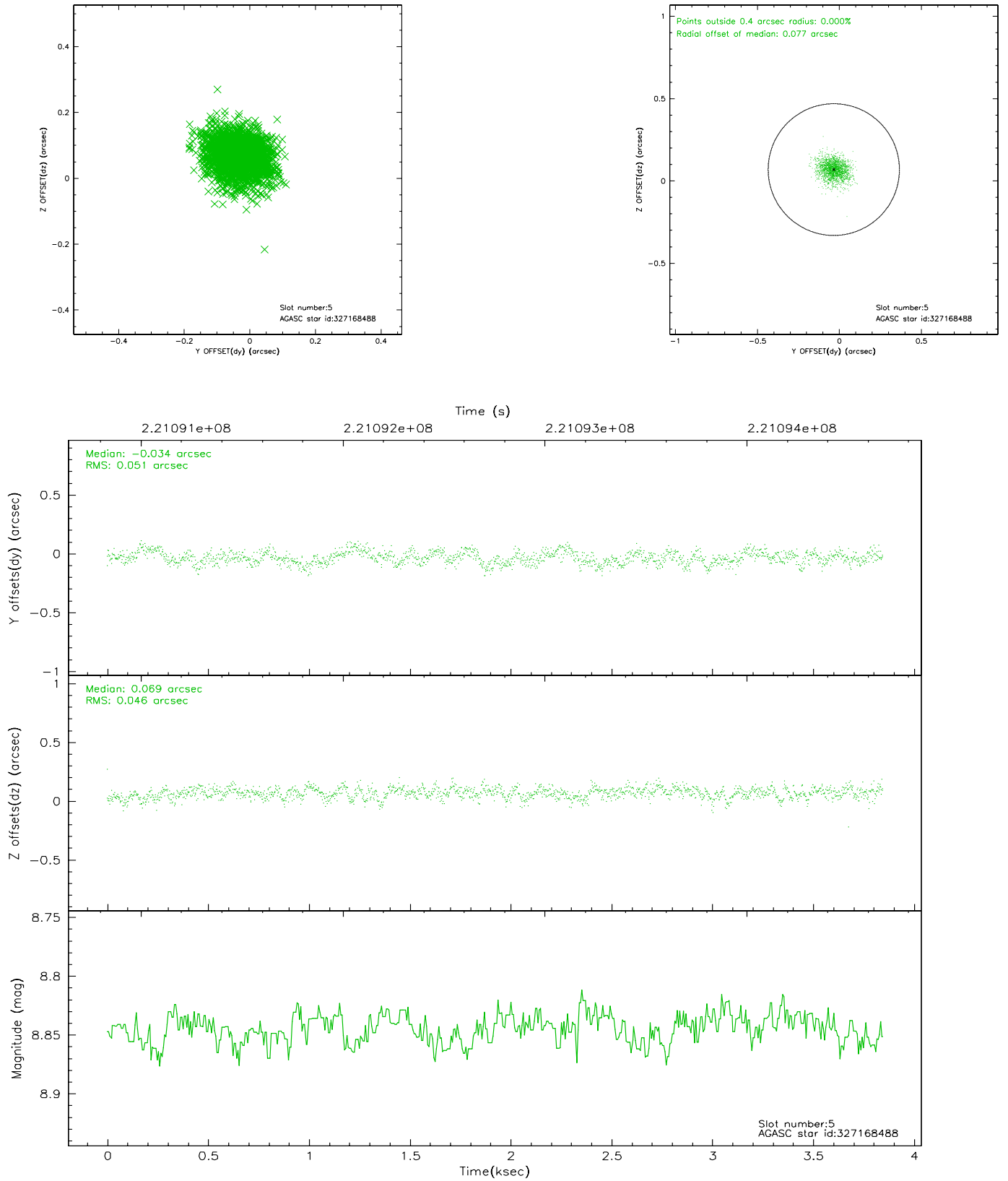
2.4.1 Slot 3



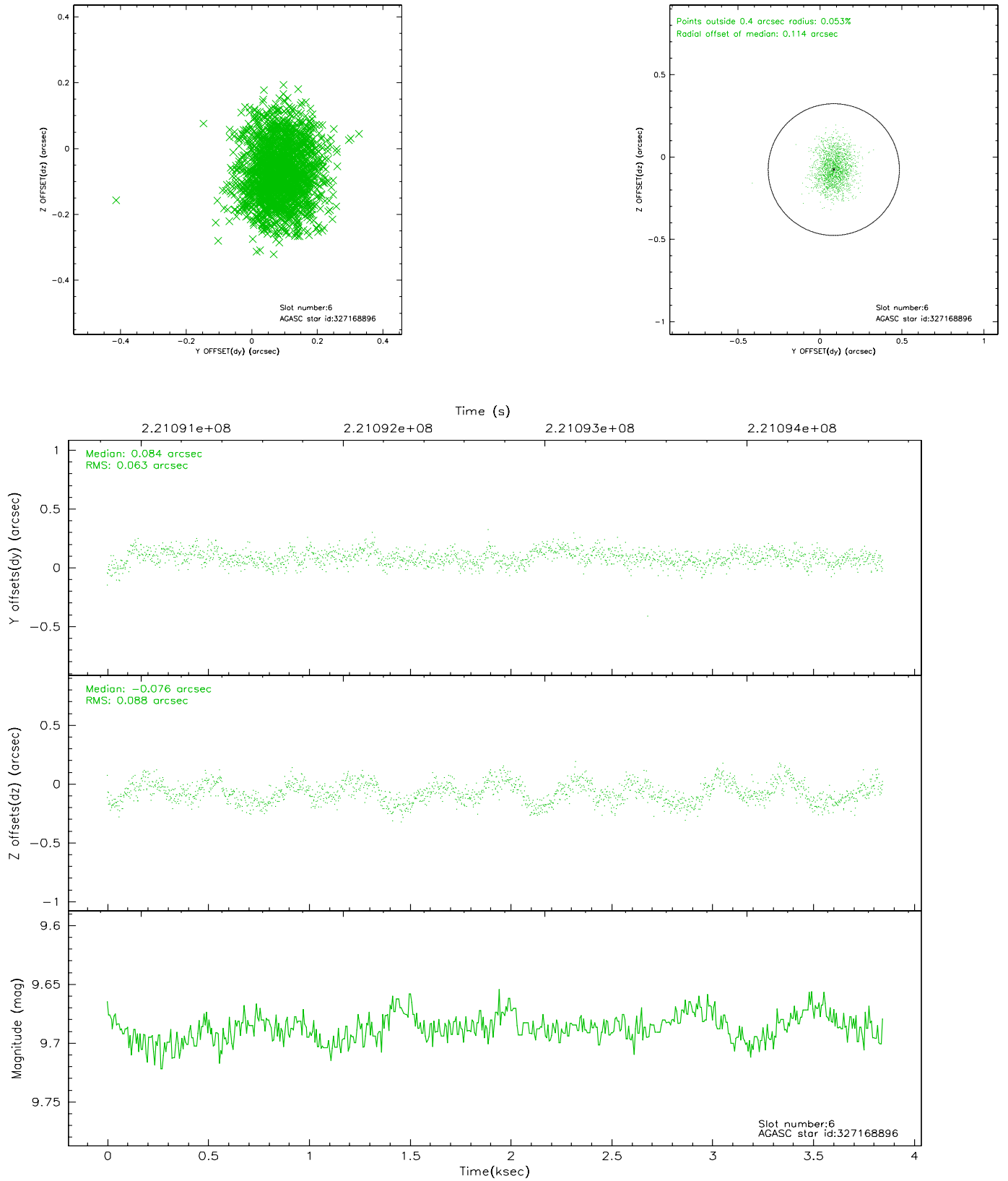
2.4.2 Slot 4



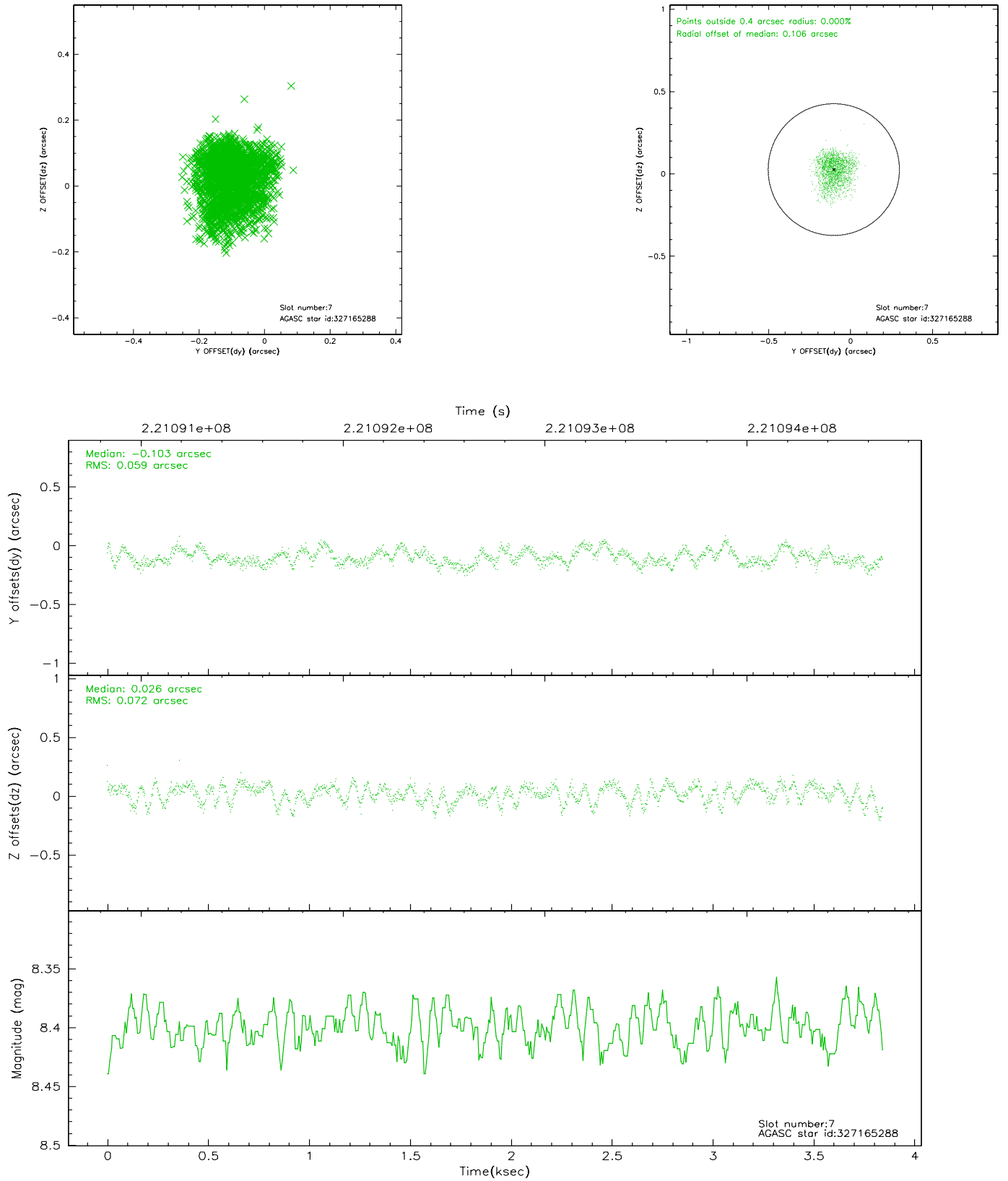
2.4.3 Slot 5



2.4.4 Slot 6

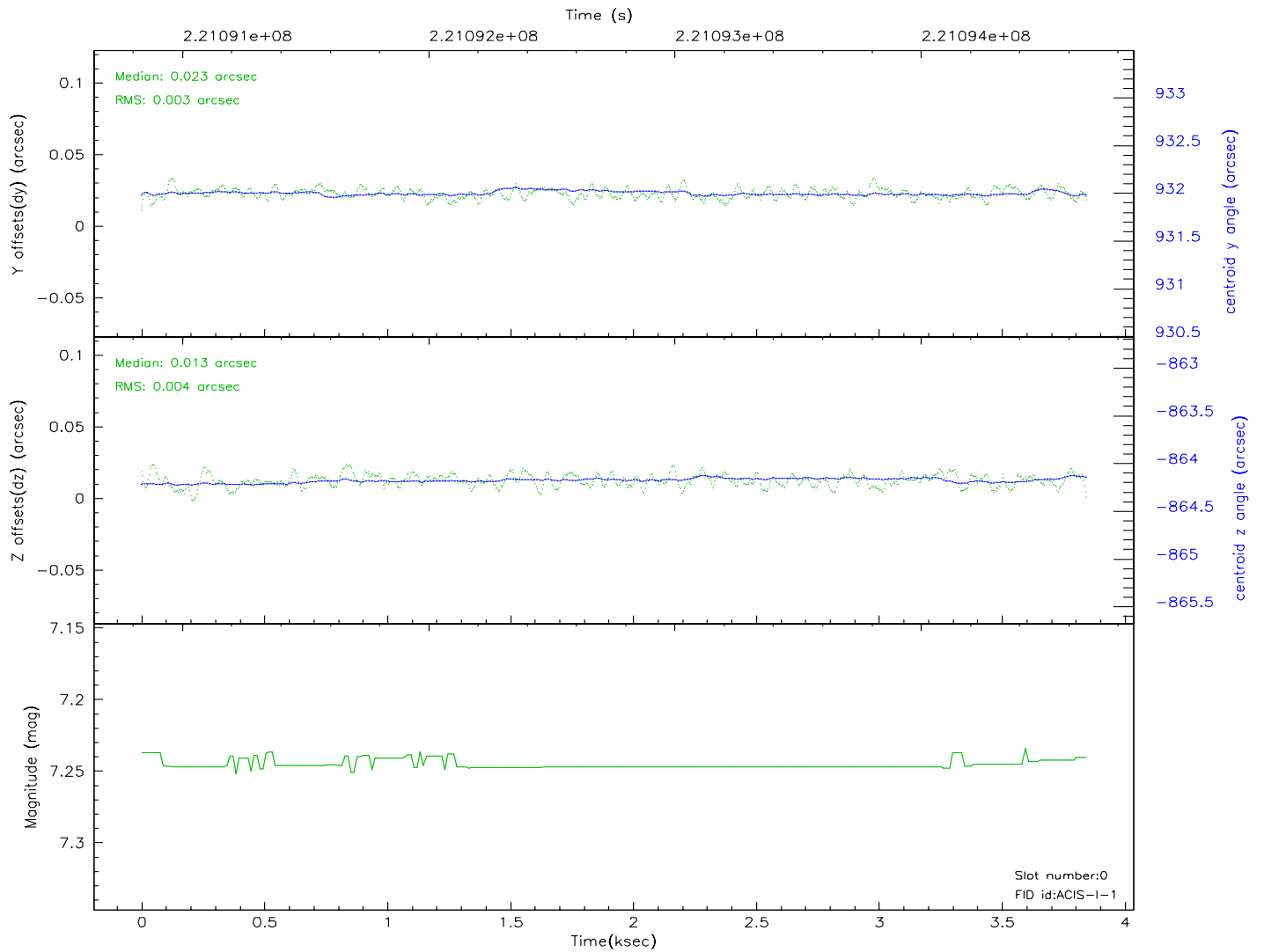
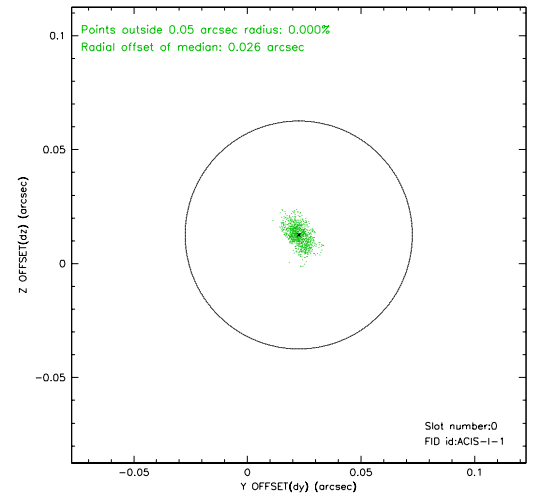
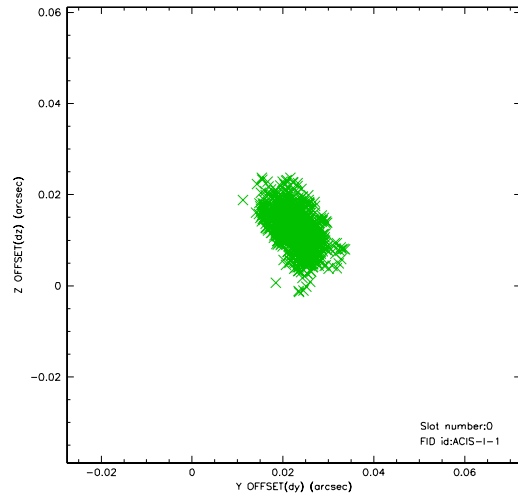


2.4.5 Slot 7

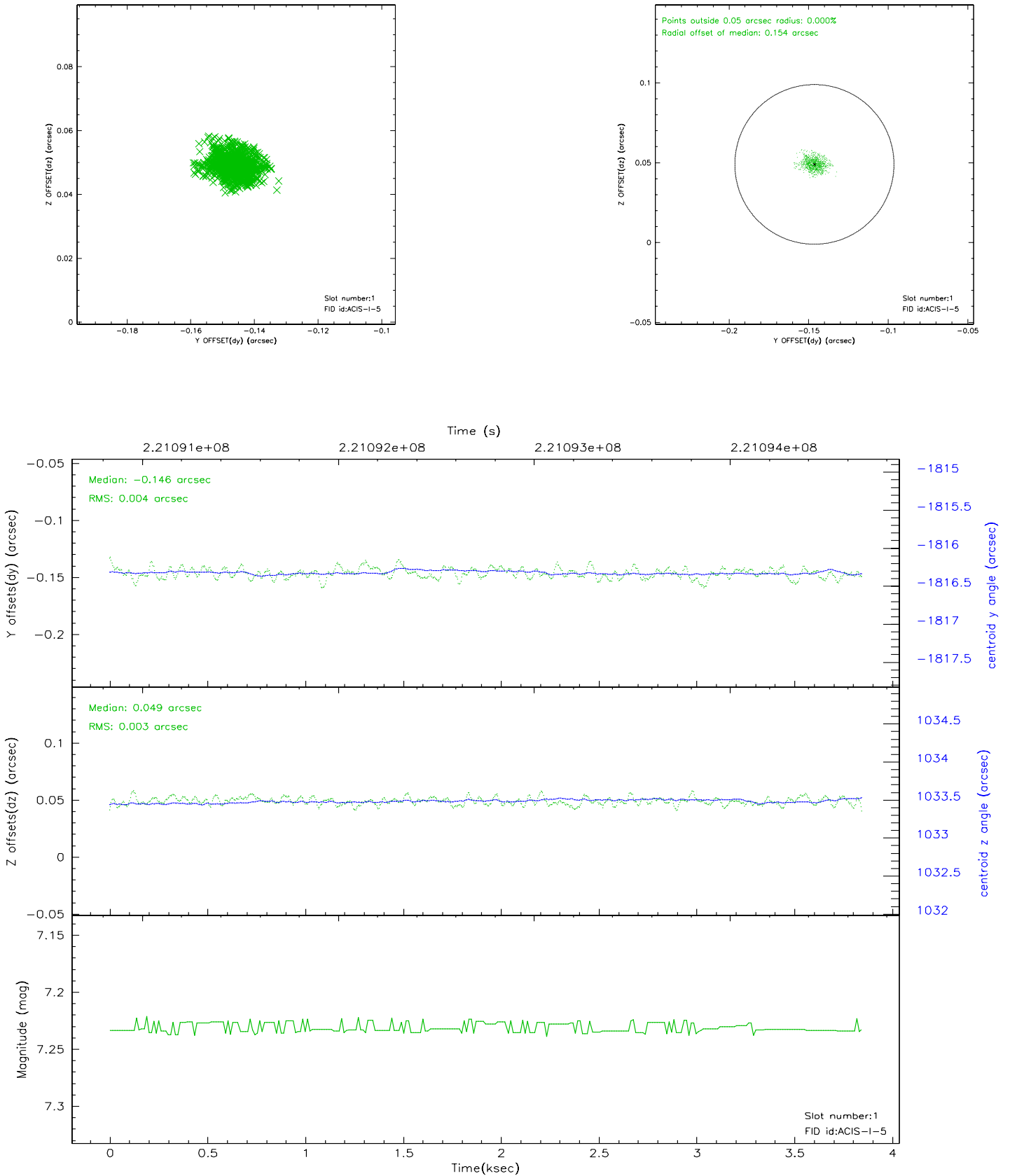


2.5 FID Slots

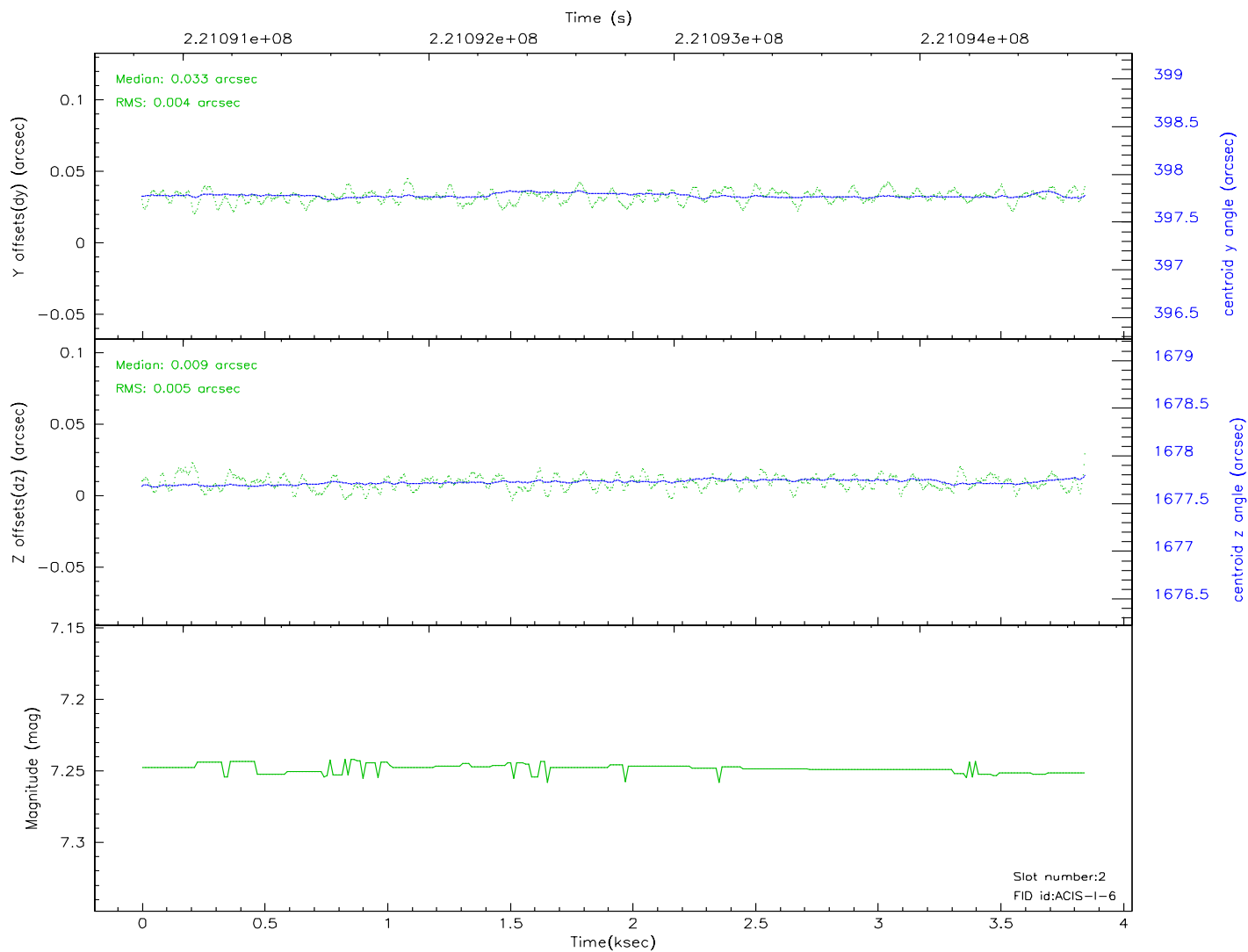
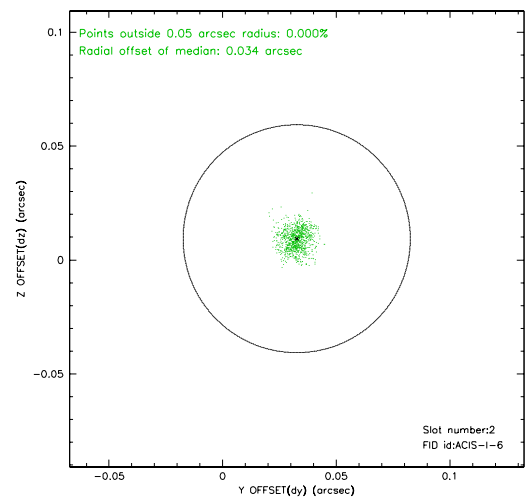
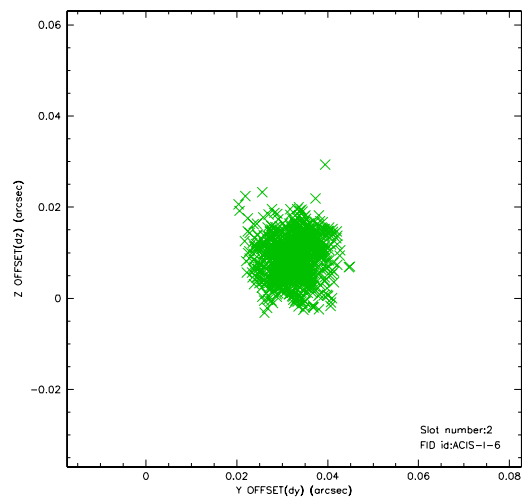
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

9.68 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.046399

A.2 Comments