

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5177 - L2 Version 001
Chandra X-Ray Center

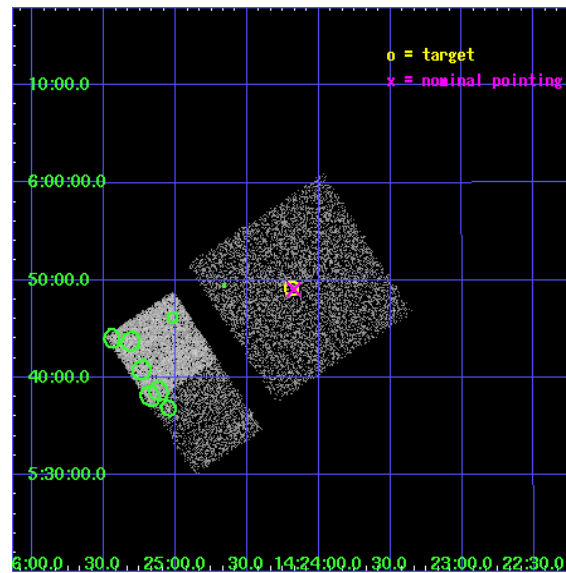
L2 Processing Date : May 1 2006

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

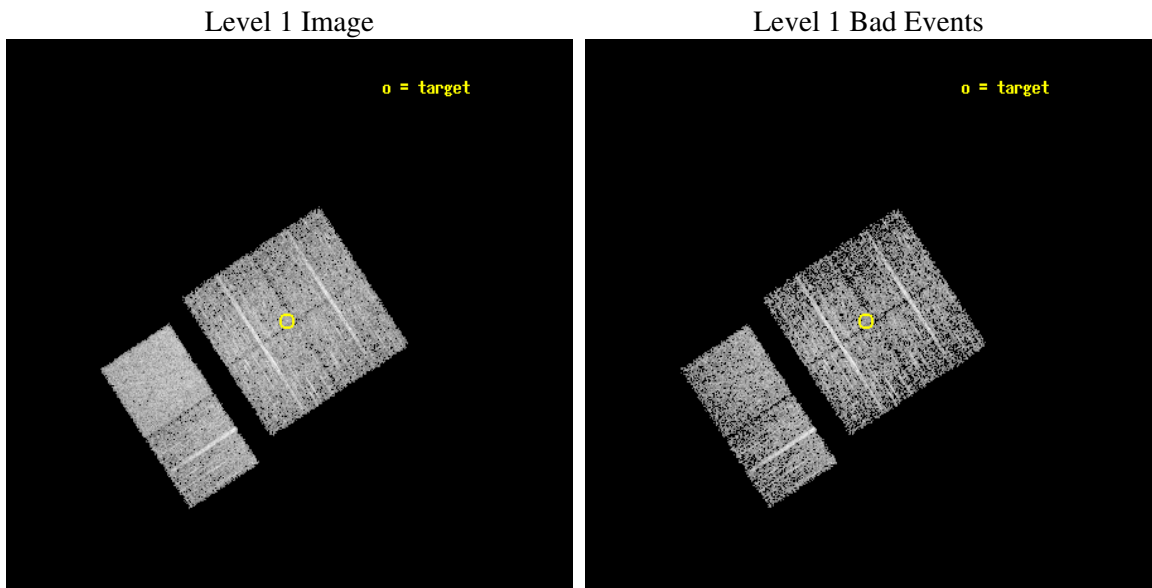
seq_num	200285
obs_id	5177
title	Alternate - Search for beta Pic analogs extension
observer	Professor Gordon Garmire
object	HR 5392
dtcycle	0
cycle	P
ra_targ	216.0475
dec_targ	5.82
ra_nom	216.04353101335
dec_nom	5.8174279463344
roll_nom	236.78050082457
revision	2
ontime	3043.1999886632
livetime	3004.6651580117
ontime0	3043.1999886632
ontime1	3043.1999886632
ontime2	3043.1999886632
ontime3	3043.1999886632
ontime6	3043.1999886632
ontime7	3043.1999886632
l2events	22784



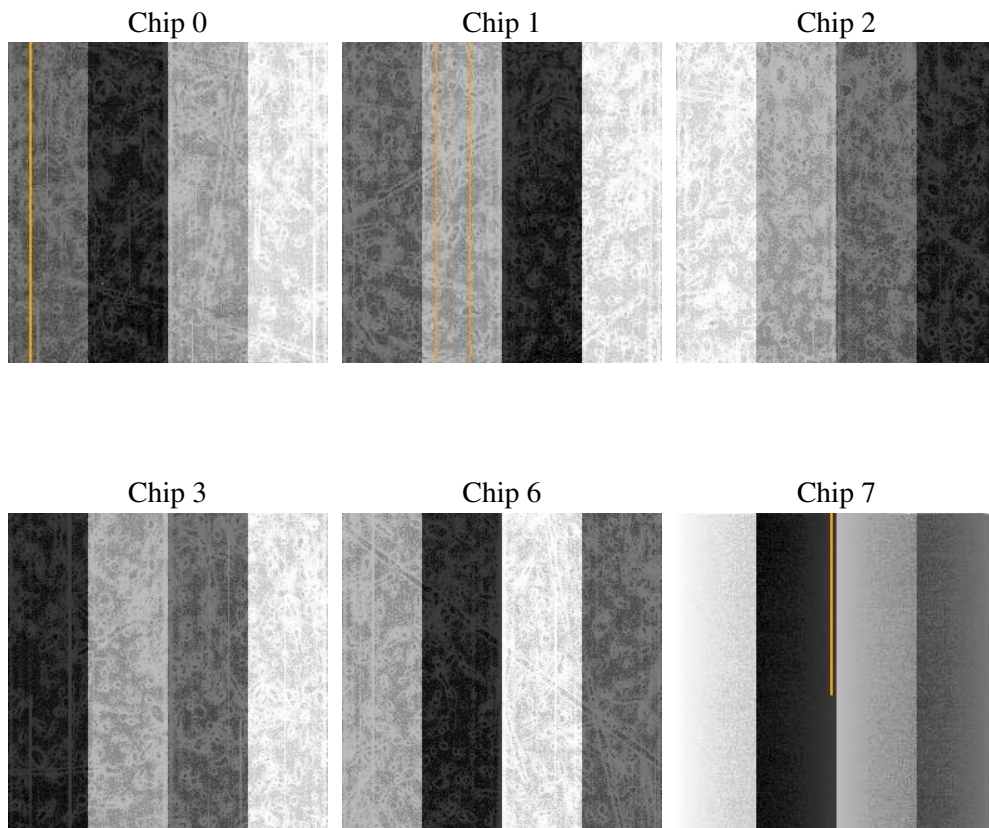
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-05-01T18:59:34
revision	2

sched_exp_time	2905.000000
ontime	3260.4498845637
ontime0	3260.4498845637
ontime1	3260.4498845637
ontime2	3260.4498845637
ontime3	3260.4498845637
ontime6	3260.4498845637
ontime7	3260.4498845637
l1events	149541

2.1.4 Events

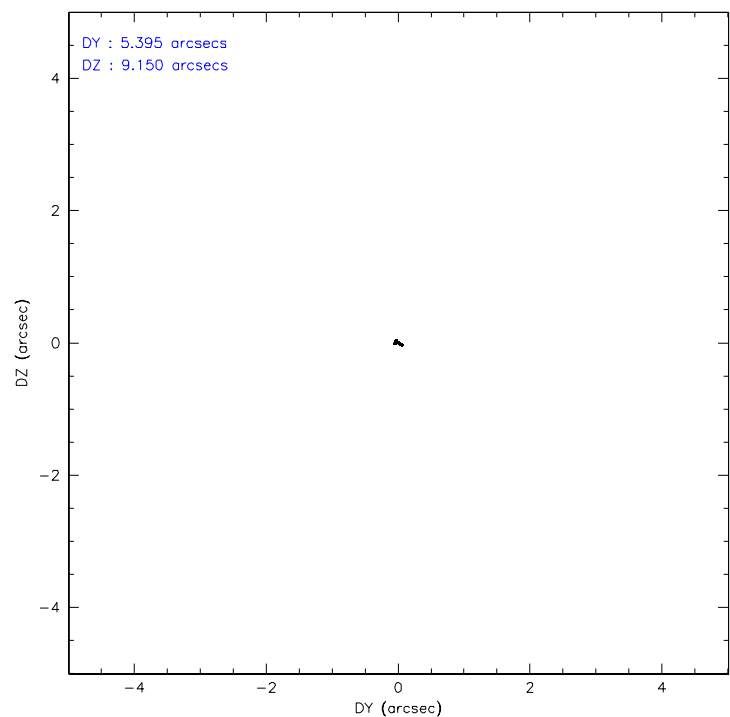
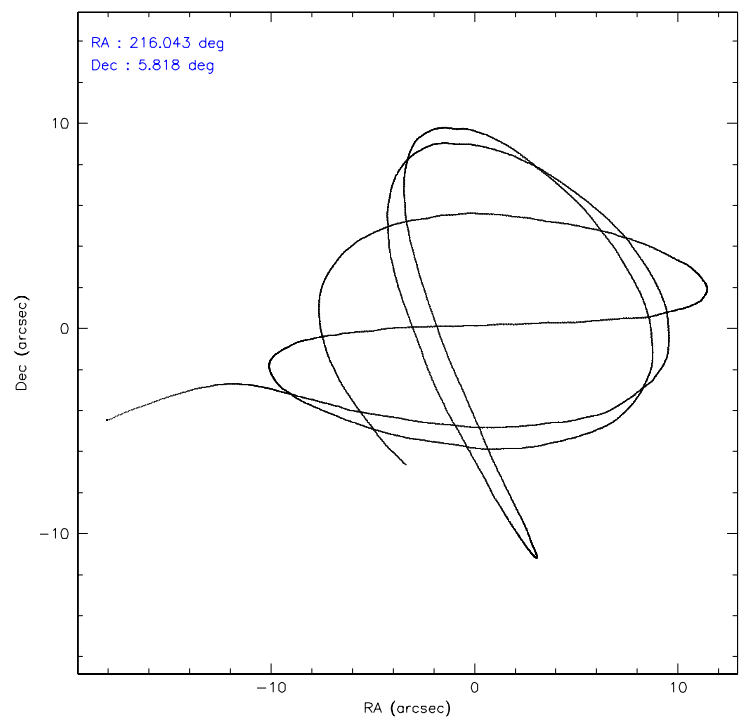
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	22055	20969	25150	24296	24580	32491
rejected events	19416	18184	22616	21672	21780	20967
rejected %	88%	86%	89%	89%	88%	64%

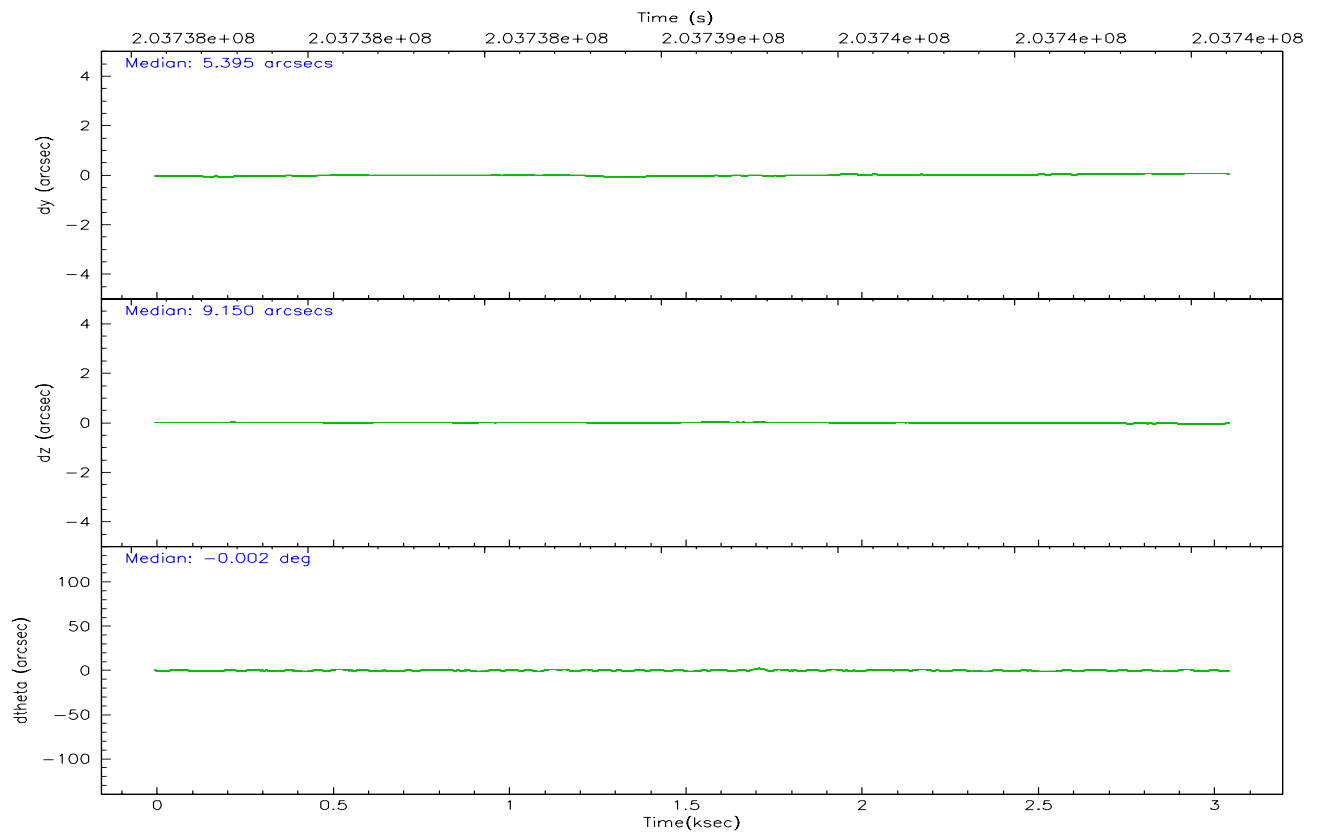
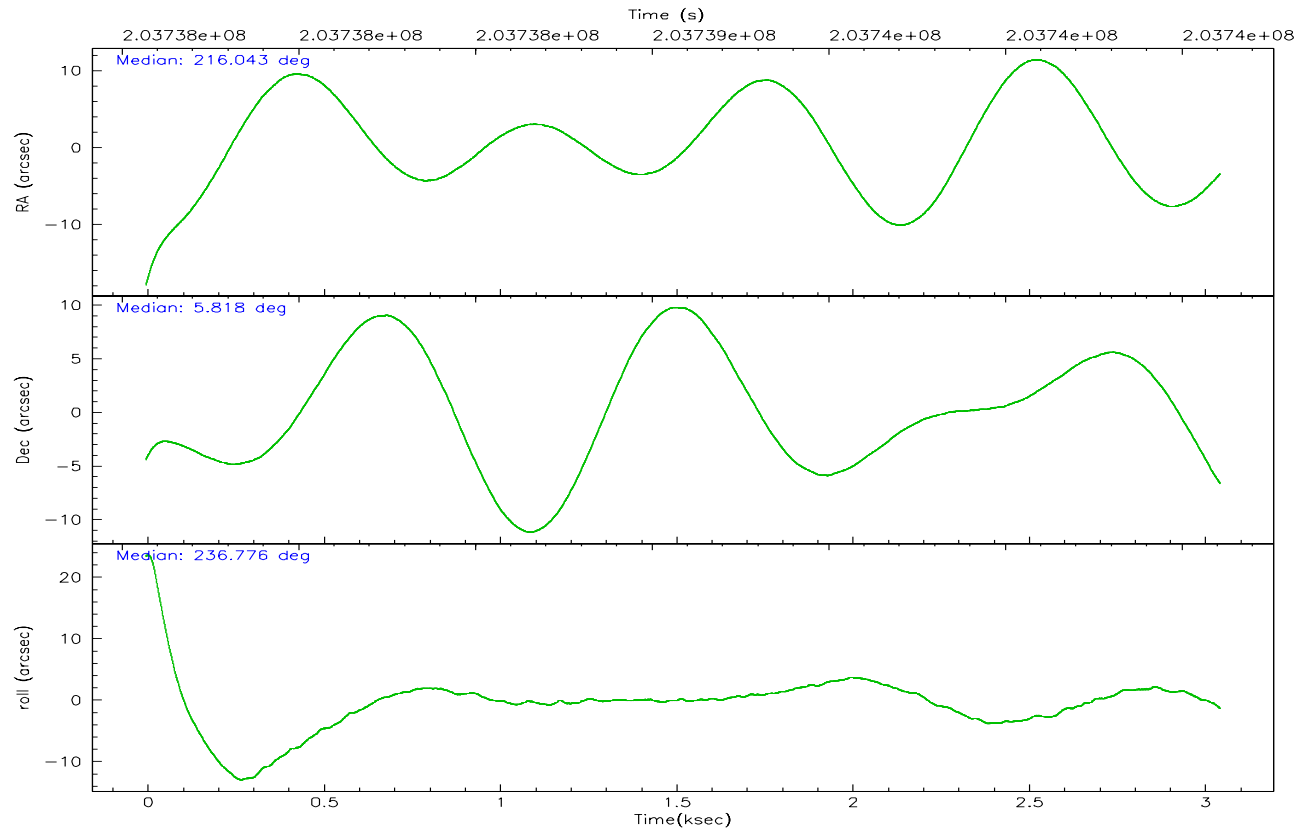
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1188	1167	1213	1295	1223	695
	5%	5%	4%	5%	4%	2%
grade 1 events	16	8	12	19	9	18
	0%	0%	0%	0%	0%	0%
grade 2 events	623	631	561	491	610	3092
	2%	3%	2%	2%	2%	9%
grade 3 events	285	291	254	276	291	620
	1%	1%	1%	1%	1%	1%
grade 4 events	235	314	261	263	274	606
	1%	1%	1%	1%	1%	1%
grade 5 events	935	1070	959	1079	1094	2090
	4%	5%	3%	4%	4%	6%
grade 6 events	490	578	444	463	602	7380
	2%	2%	1%	1%	2%	22%
grade 7 events	18283	16910	21446	20410	20477	17990
	82%	80%	85%	84%	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	216.045062	216.0435310133501	Alternating exposures requested	N	N
Pointing Dec	5.844768	5.817427946334386	Primary exposure time	0.000000	3.2
Pointing Roll	236.571540	236.7805008245747			
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	203737705.184000	203736547.68178			
Observation start date	2004-06-16T01:47:21	2004-06-16T01:29:07			
Observation end time	203740610.184000	203742131.36953			
Observation end date	2004-06-16T02:35:46	2004-06-16T03:02:11			
Read mode	TIMED	TIMED			

2.3 Aspect



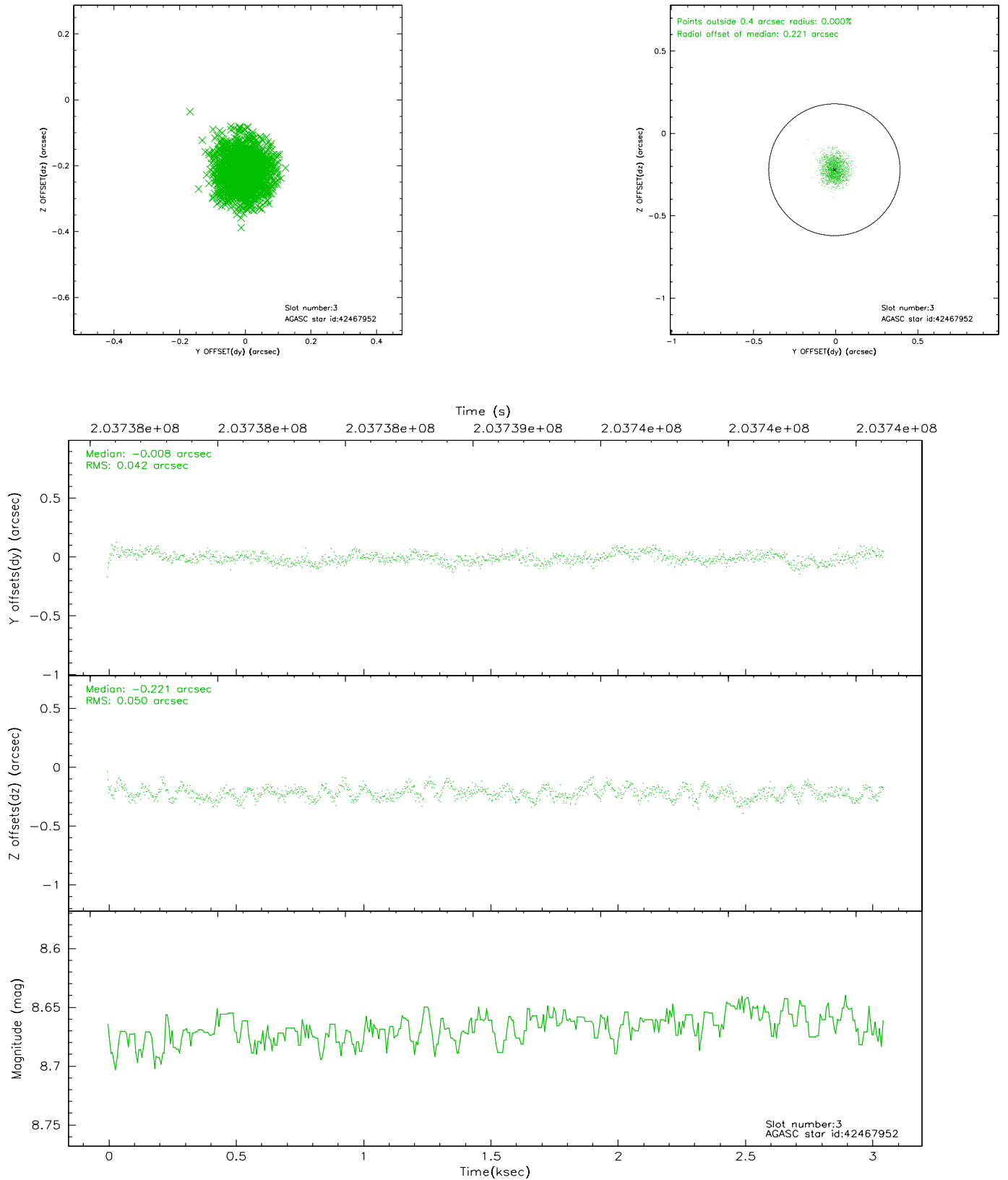


Slot Statistics

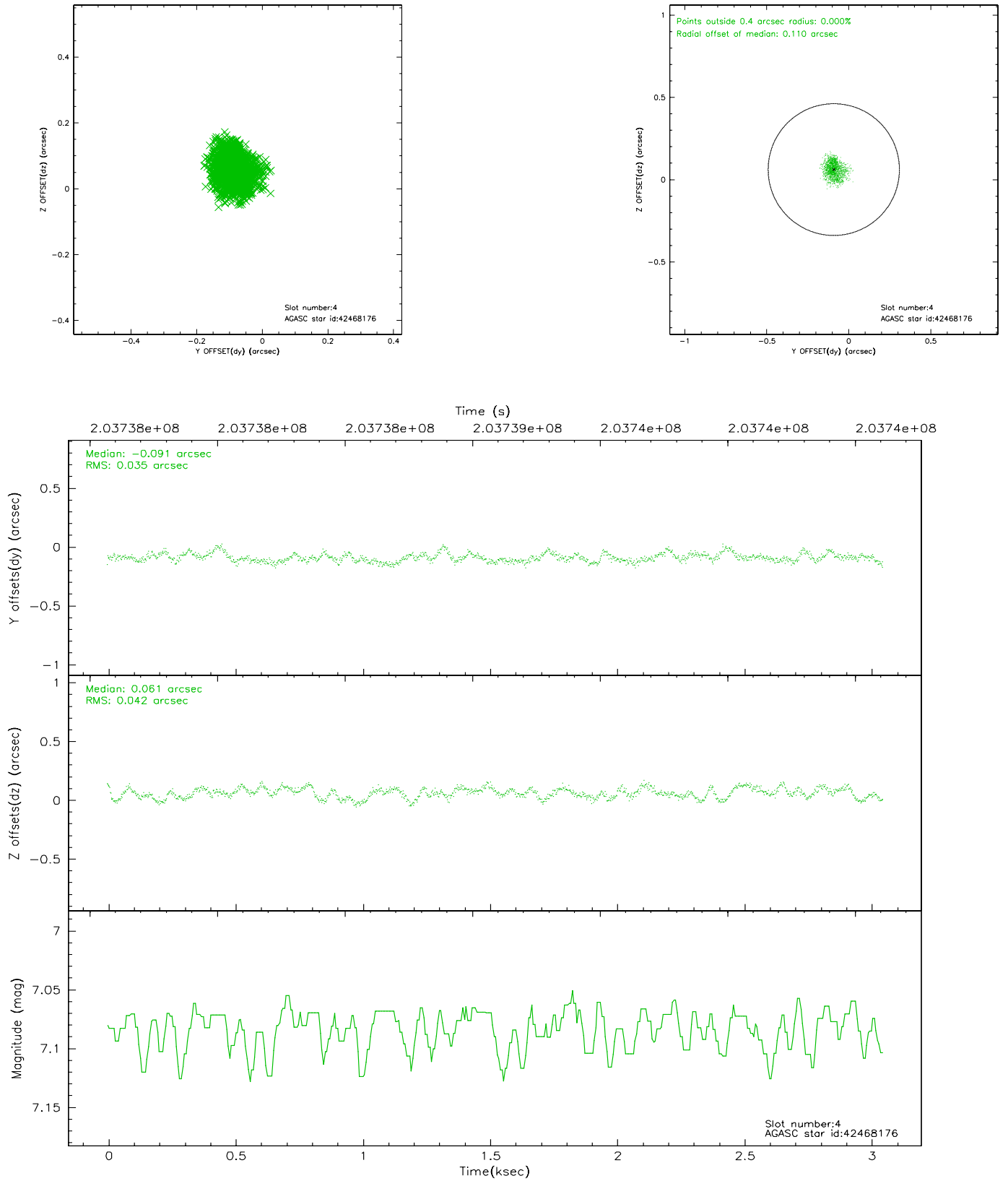
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	744	-0.002	0.062	0.006	0.010	0.000000	0.000000	934.33	-832.53
1	FID	ACIS-I-5	7.23	744	-0.153	0.030	0.006	0.009	0.000000	0.000000	-1812.77	1063.86
2	FID	ACIS-I-6	7.25	744	0.064	-0.022	0.006	0.011	0.000000	0.000000	397.66	1710.70
3	GUIDE	42467952	8.67	1488	-0.008	-0.221	0.071	0.111	215.893024	6.410373	-1399.52	-1575.64
4	GUIDE	42468176	7.08	1488	-0.091	0.061	0.061	0.090	216.264127	5.615328	255.87	1109.63
5	GUIDE	42475488	7.11	1488	0.201	0.184	0.058	0.092	216.675900	5.934965	-1516.16	1706.99
6	GUIDE	42475656	9.25	1488	-0.116	-0.129	0.092	0.155	216.292958	6.120812	-1319.29	194.62
7	GUIDE	42478872	7.10	1487	0.019	0.100	0.056	0.096	216.002935	5.822971	147.89	-82.11

2.4 Star Slots

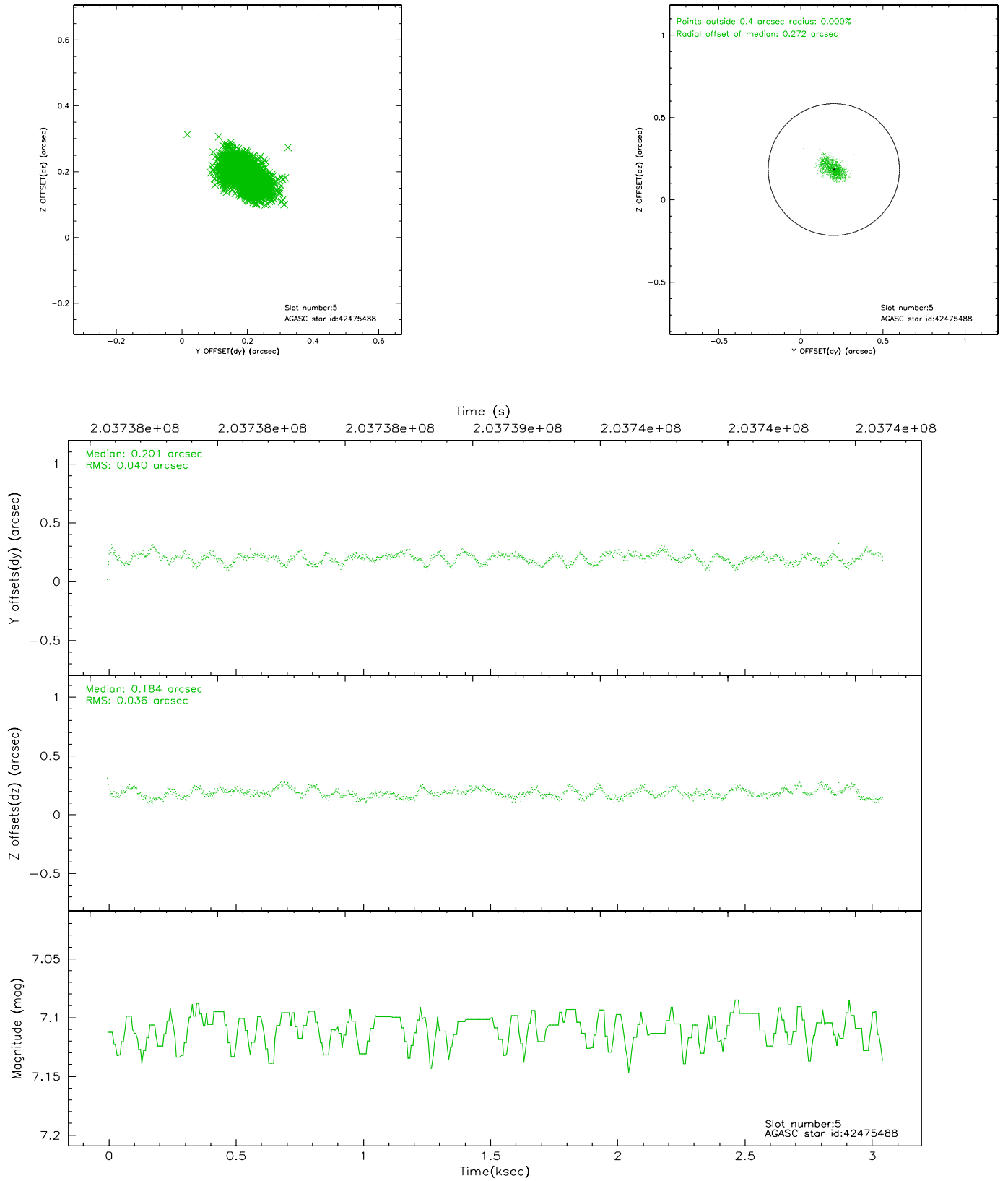
2.4.1 Slot 3



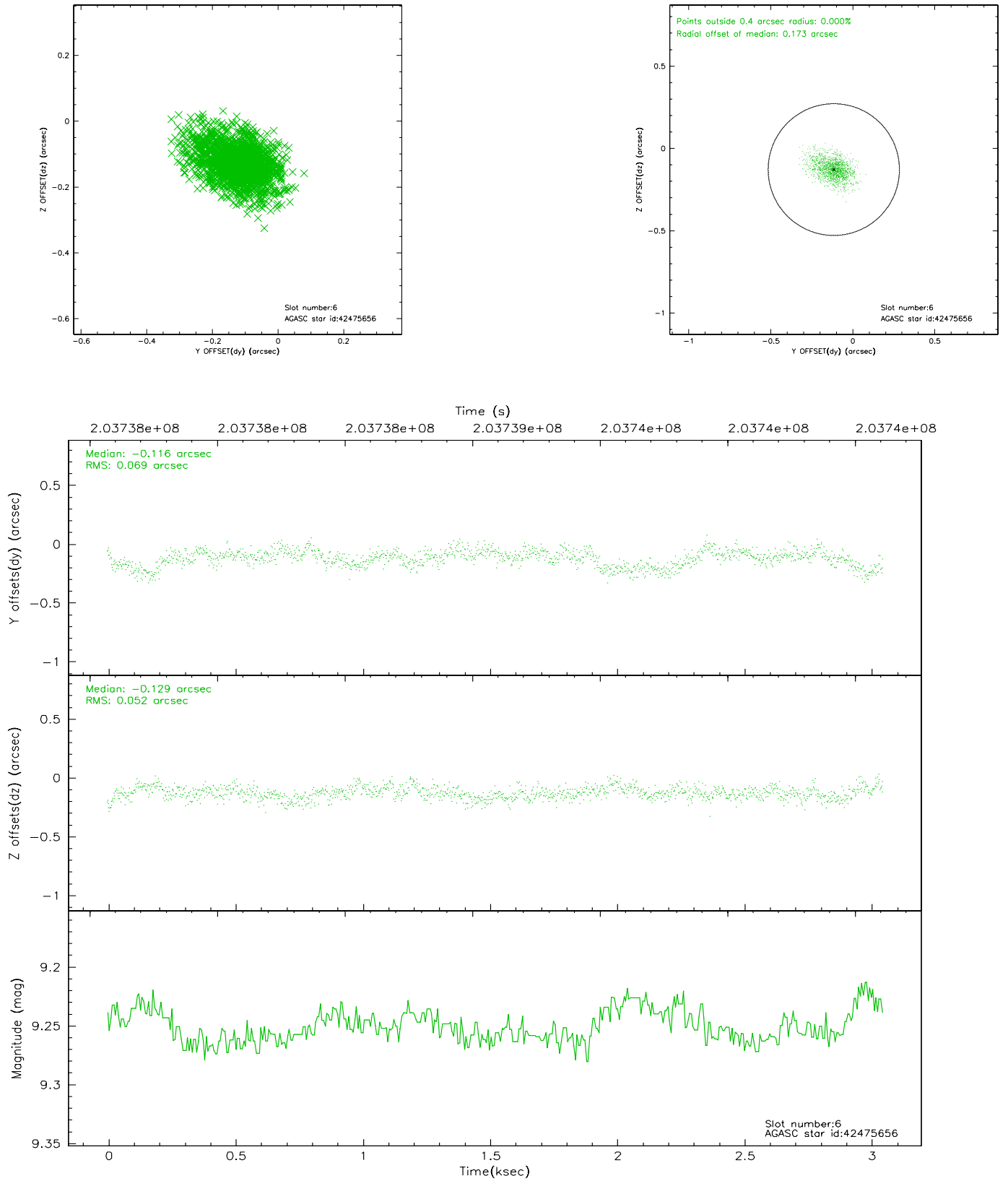
2.4.2 Slot 4



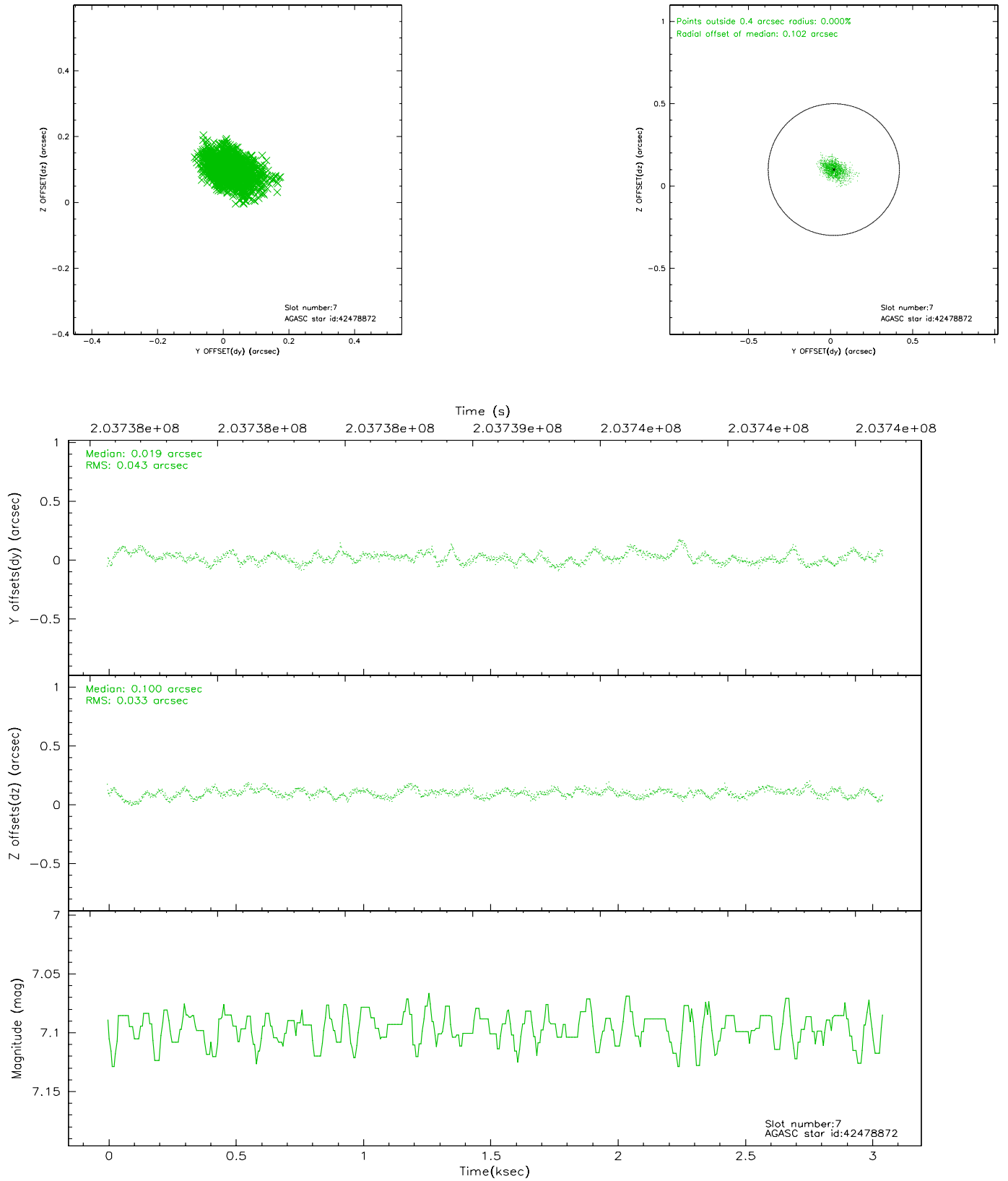
2.4.3 Slot 5



2.4.4 Slot 6

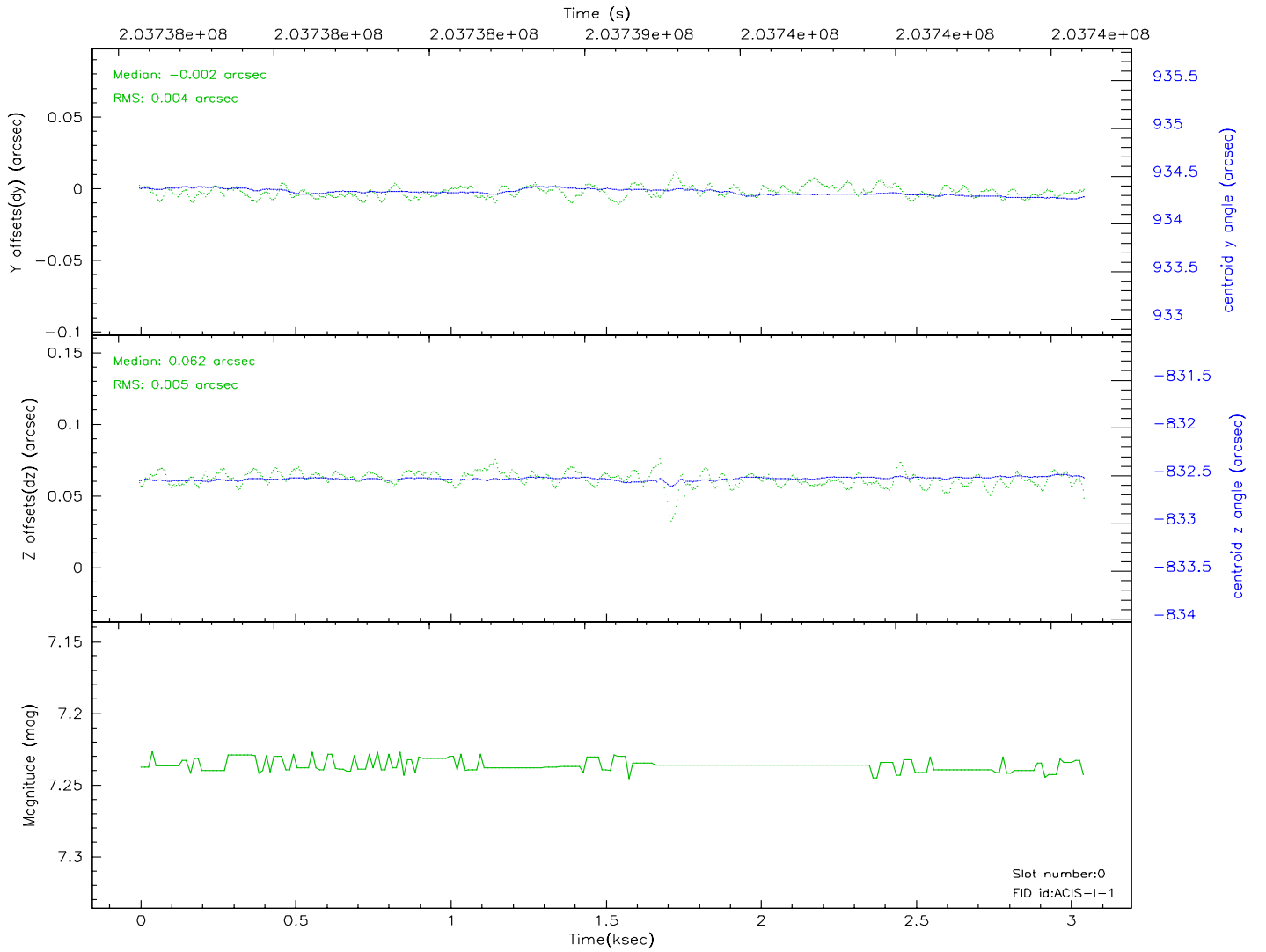
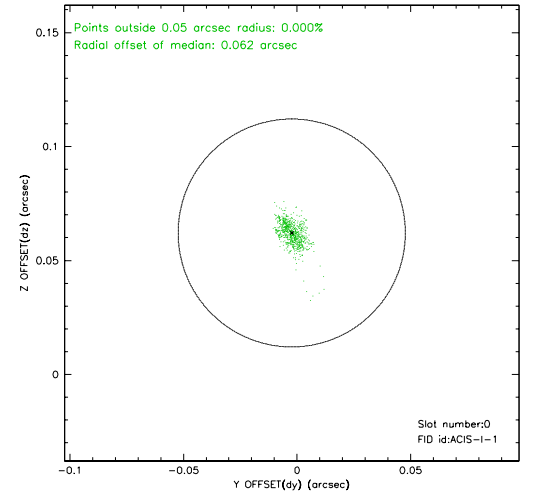
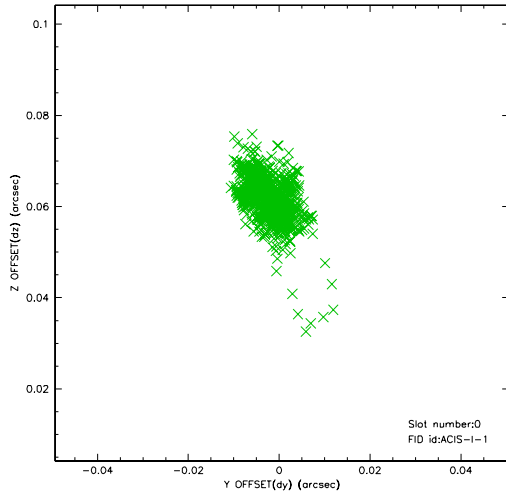


2.4.5 Slot 7

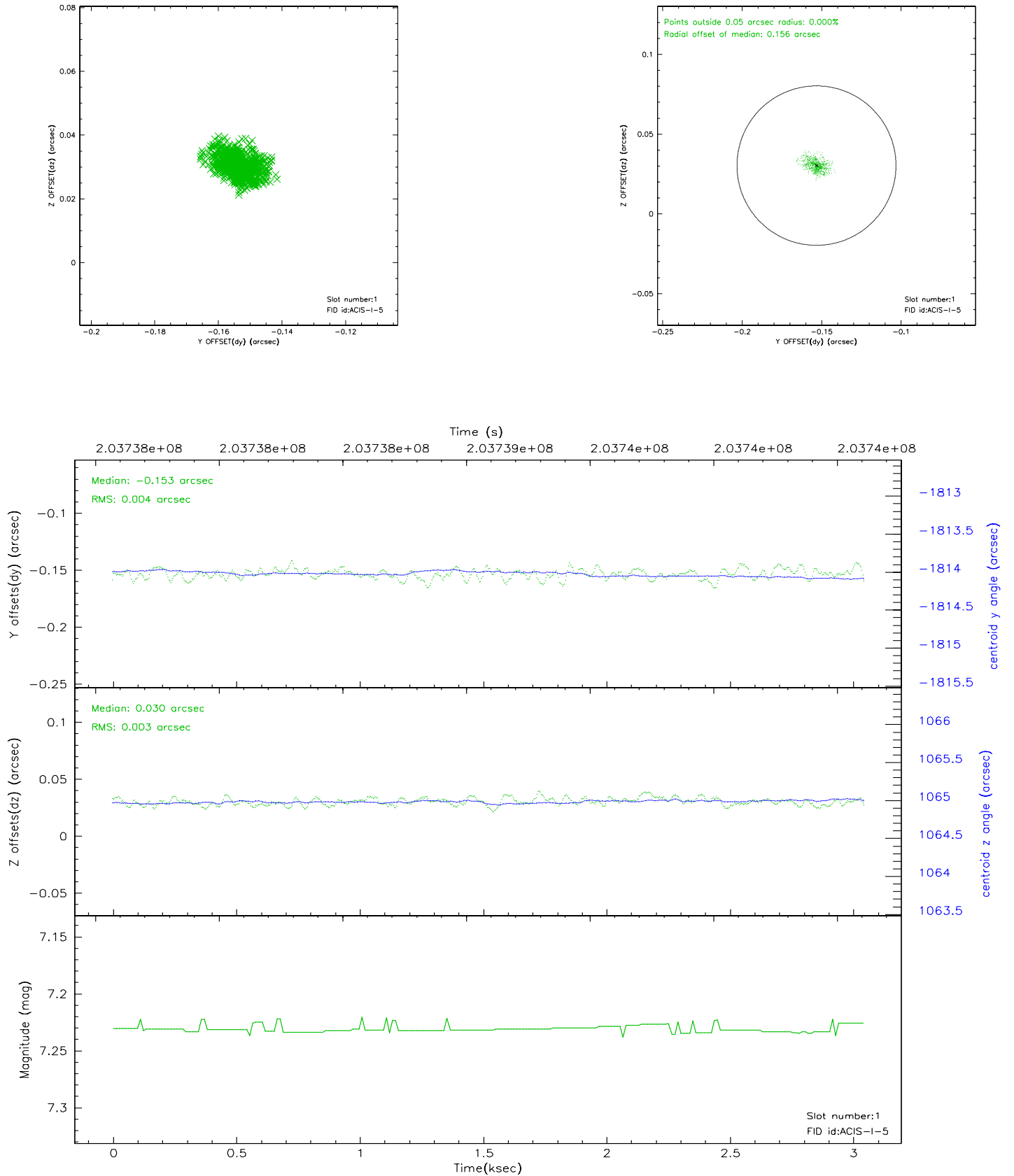


2.5 FID Slots

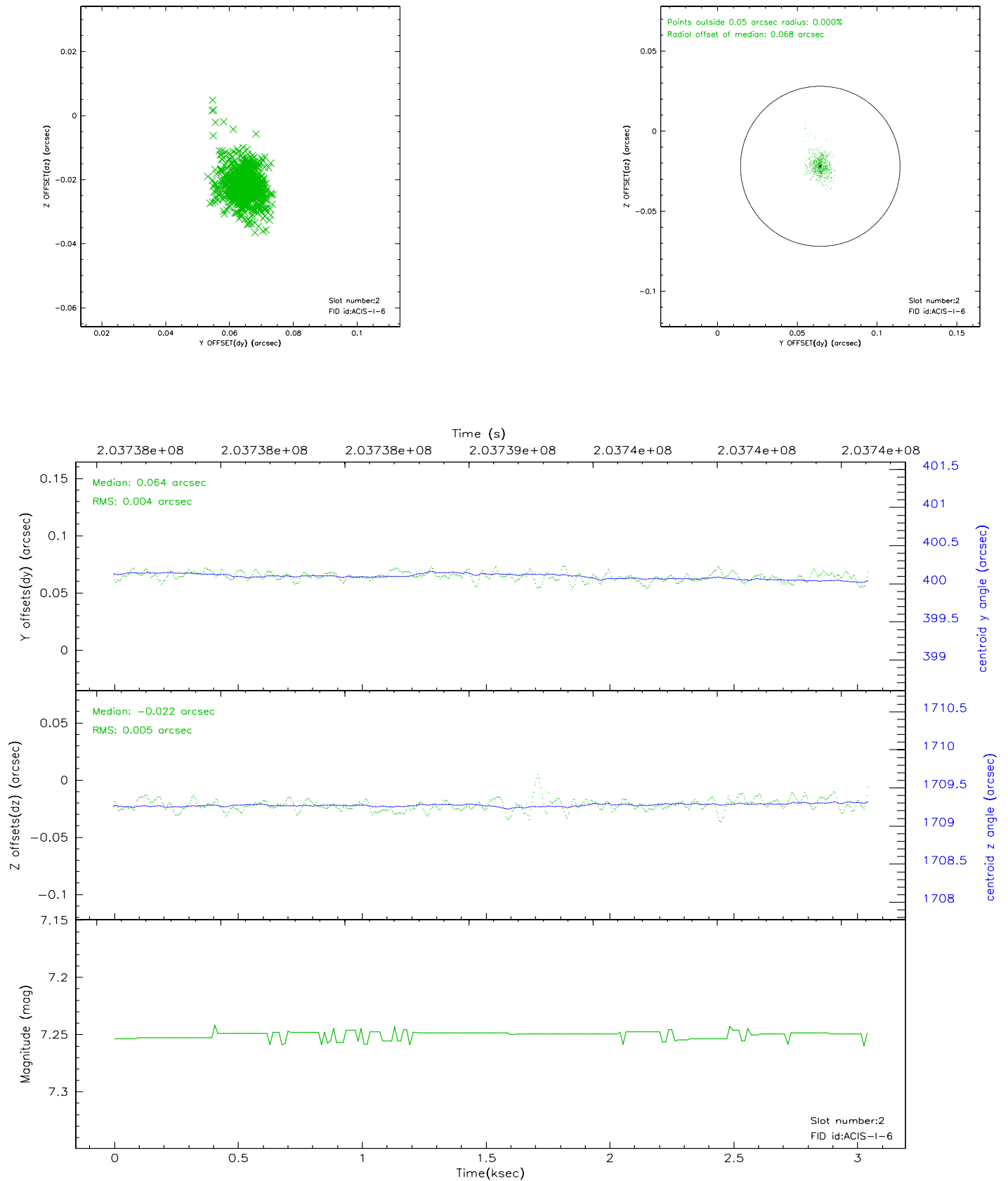
2.5.1 Slot 0



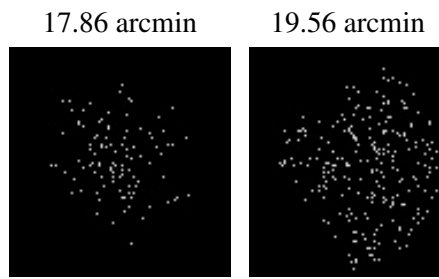
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.043

A.2 Comments