

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3427 - L2 Version 001
Chandra X-Ray Center

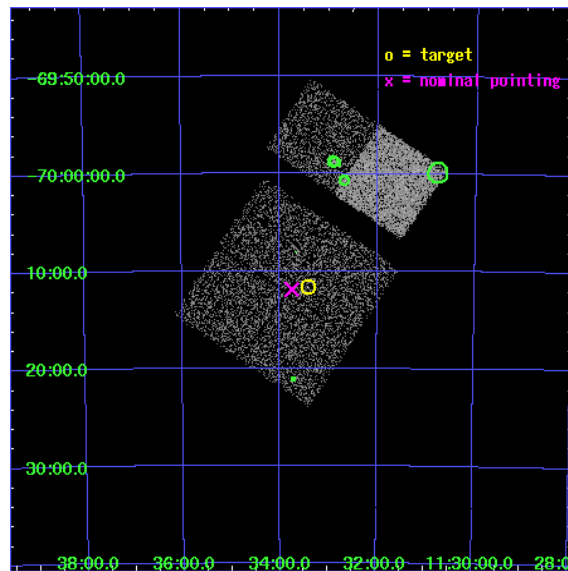
L2 Processing Date : Aug 31 2006

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1 Front

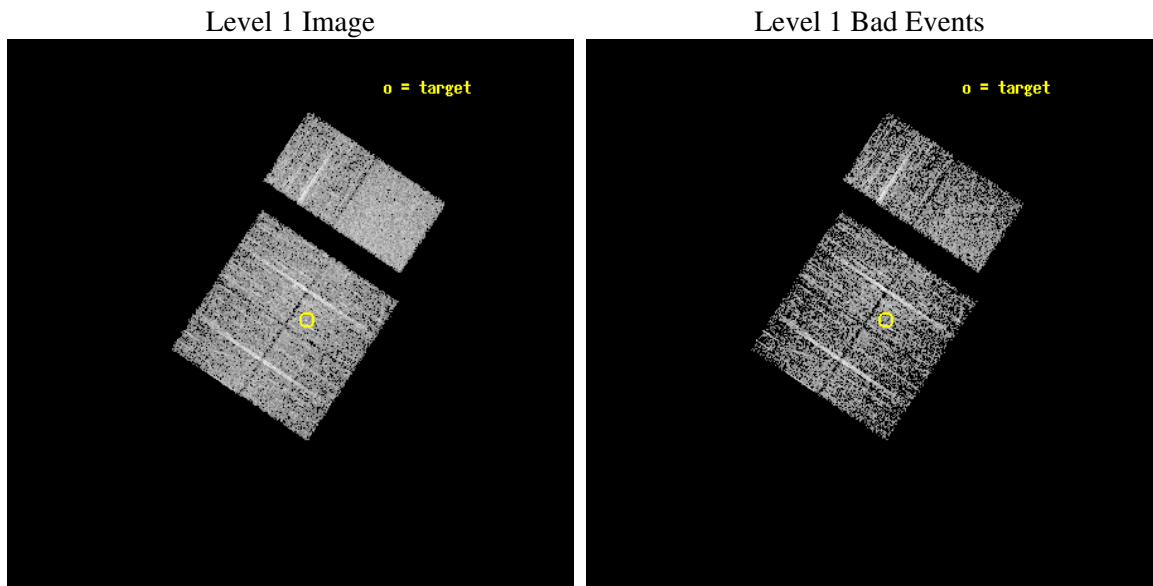
seq_num	200086
obs_id	3427
title	OBSERVATION OF SCO-CEN OUTLYERS
observer	Professor Gordon Garmire
object	HD100546
dtcycle	0
cycle	P
ra_targ	173.355833
dec_targ	-70.194722
ra_nom	173.43741739572
dec_nom	-70.198407823802
roll_nom	33.715871025104
revision	3
ontime	2659.2000024766
livetime	2625.5276108672
ontime0	2659.2000024766
ontime1	2659.2000024766
ontime2	2659.2000024766
ontime3	2659.2000024766
ontime6	2659.2000024766
ontime7	2659.2000024766
l2events	17349



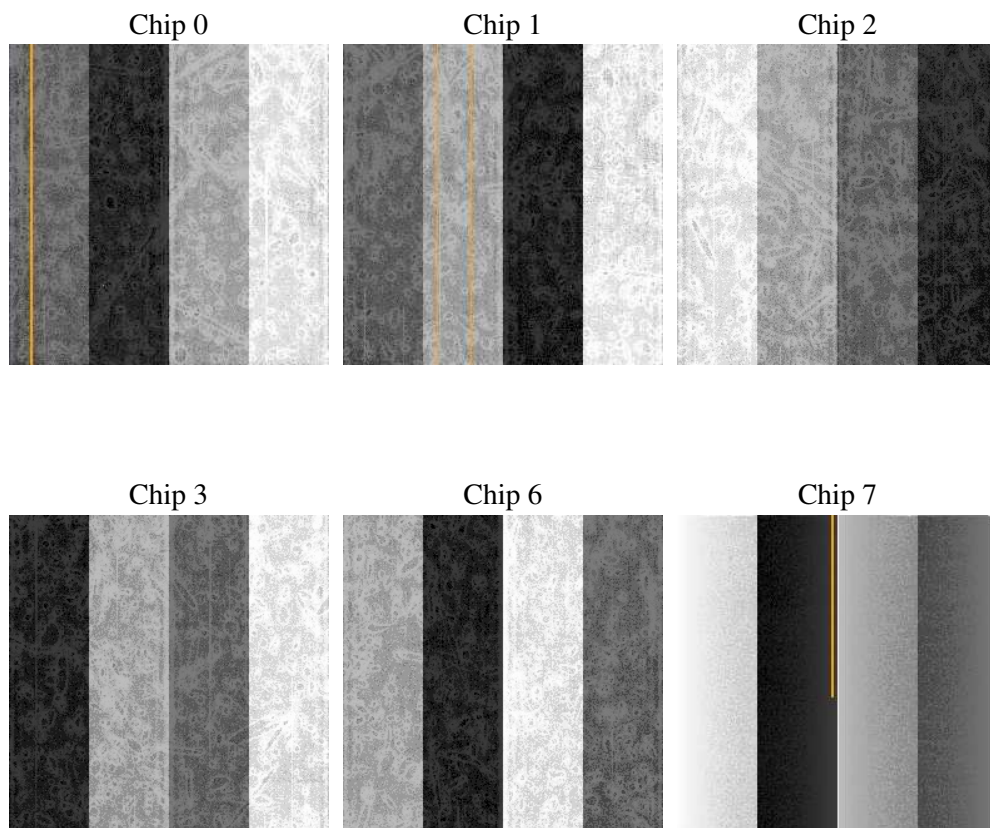
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-31T13:39:48
revision	3

sched_exp_time	2900.000000
ontime	2664.1012972891
ontime0	2664.1012972891
ontime1	2664.1012972891
ontime2	2664.1012673825
ontime3	2664.1012972891
ontime6	2664.1012673825
ontime7	2664.1012673825
l1events	104927

2.1.4 Events

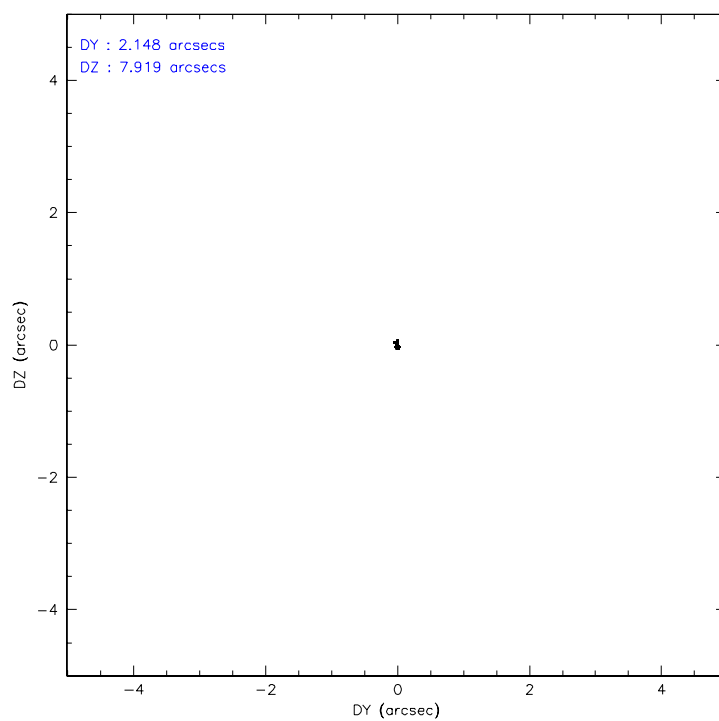
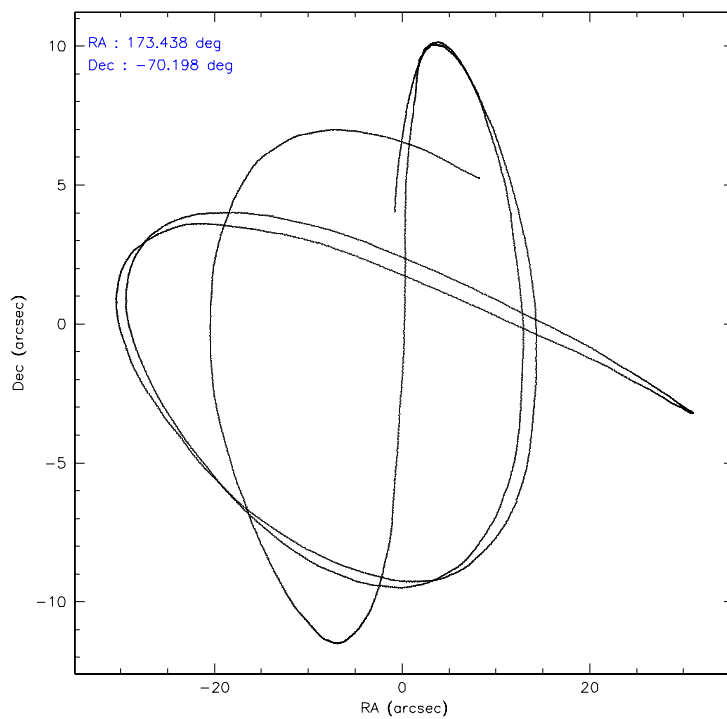
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	15096	14952	17730	16601	18124	22424
rejected events	13032	12877	15670	14566	16027	13777
rejected %	86%	86%	88%	87%	88%	61%

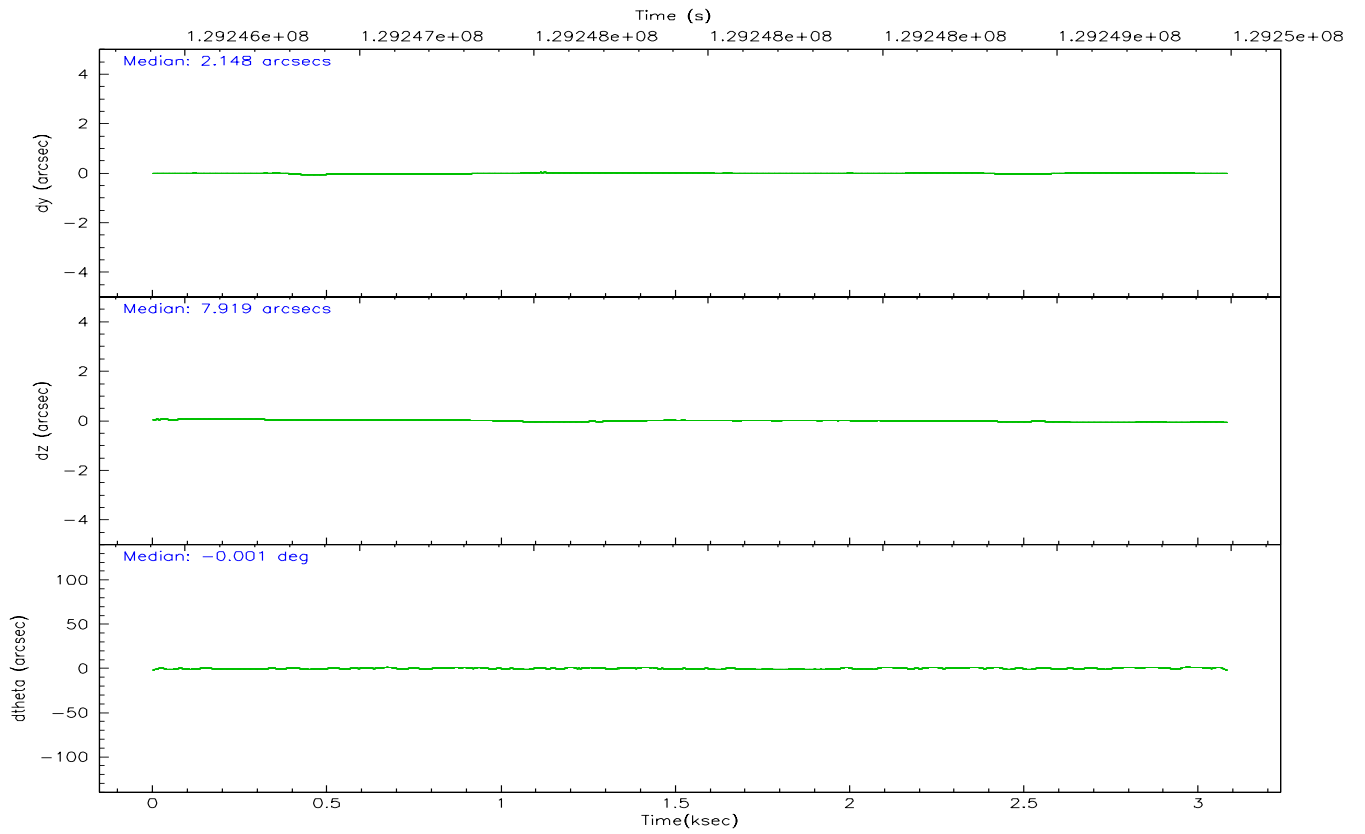
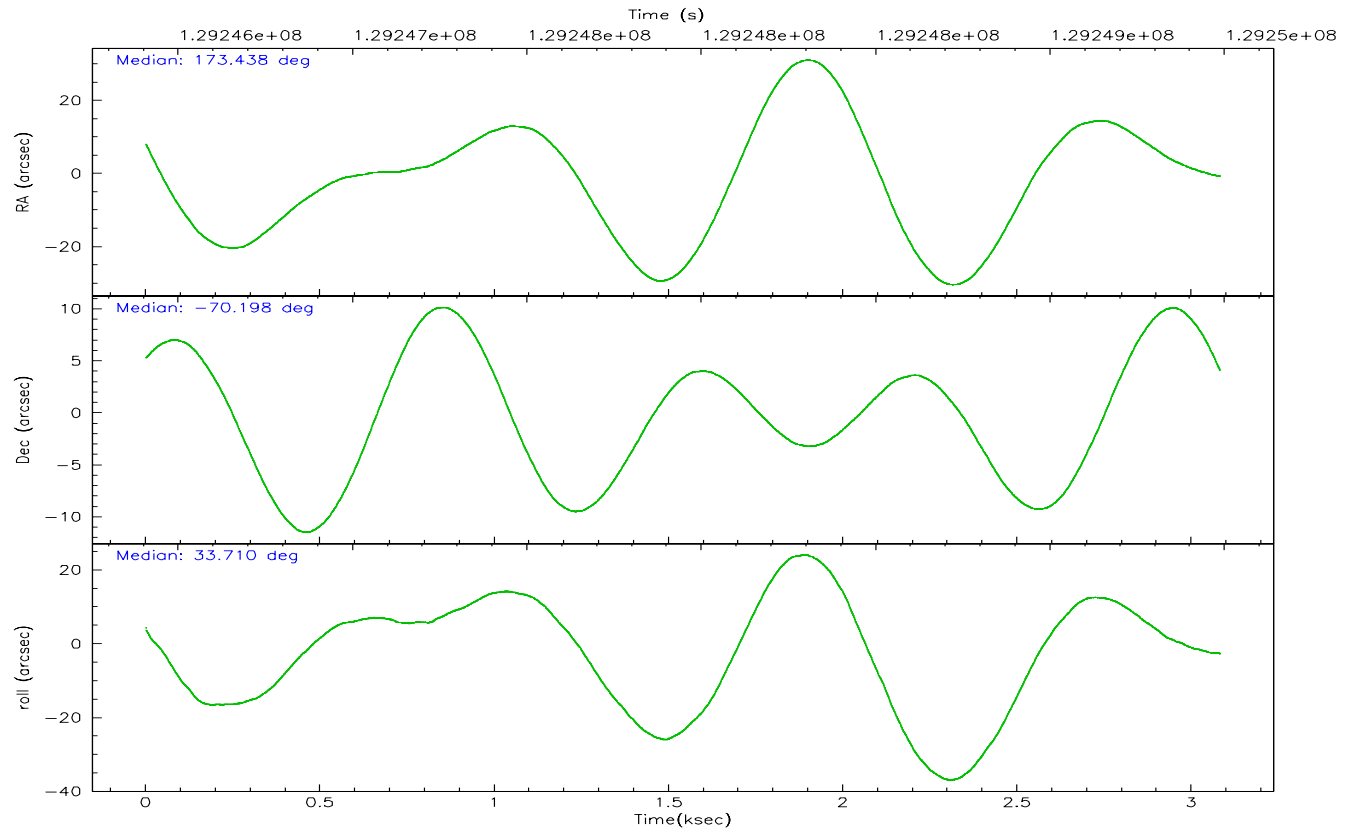
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	890	880	947	865	859	535
	5%	5%	5%	5%	4%	2%
grade 1 events	10	6	12	12	7	9
	0%	0%	0%	0%	0%	0%
grade 2 events	425	416	448	407	395	2202
	2%	2%	2%	2%	2%	9%
grade 3 events	196	206	168	211	205	475
	1%	1%	0%	1%	1%	2%
grade 4 events	173	186	155	171	204	448
	1%	1%	0%	1%	1%	1%
grade 5 events	571	674	589	689	752	1491
	3%	4%	3%	4%	4%	6%
grade 6 events	384	391	348	382	437	5012
	2%	2%	1%	2%	2%	22%
grade 7 events	12447	12193	15063	13864	15265	12252
	82%	81%	84%	83%	84%	54%

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	173.401911	173.4374173957164	Alternating exposures requested	N	N
Pointing Dec	-70.223158	-70.198407823802	Primary exposure time	0.000000	3.2
Pointing Roll	33.473793	33.71587102510394			
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	129246592.184000	129246216.25822			
Observation start date	2002-02-04T21:48:48	2002-02-04T21:43:36			
Observation end time	129249492.184000	129250324.45838			
Observation end date	2002-02-04T22:37:08	2002-02-04T22:52:04			
Read mode	TIMED	TIMED			

2.3 Aspect



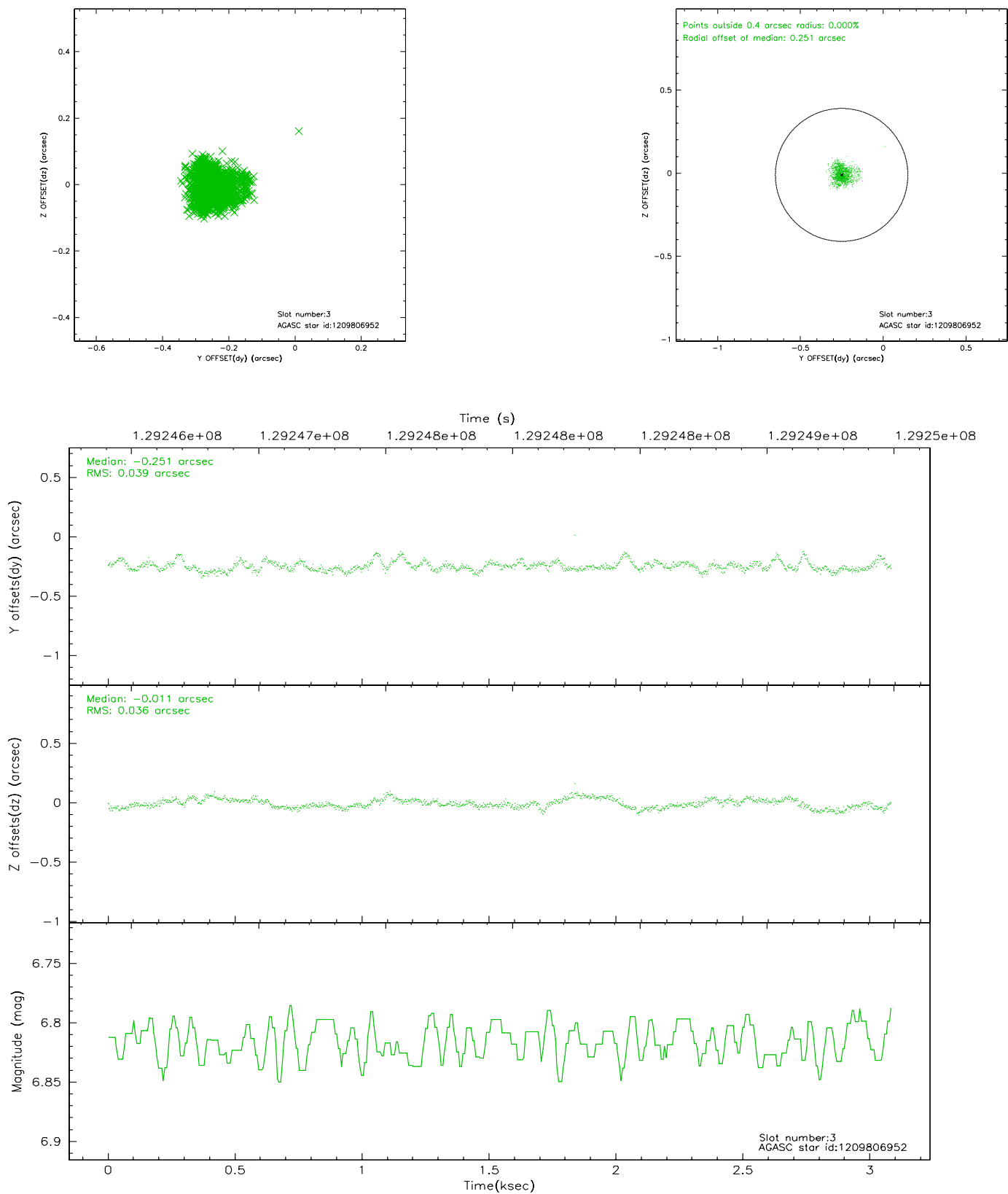


Slot Statistics

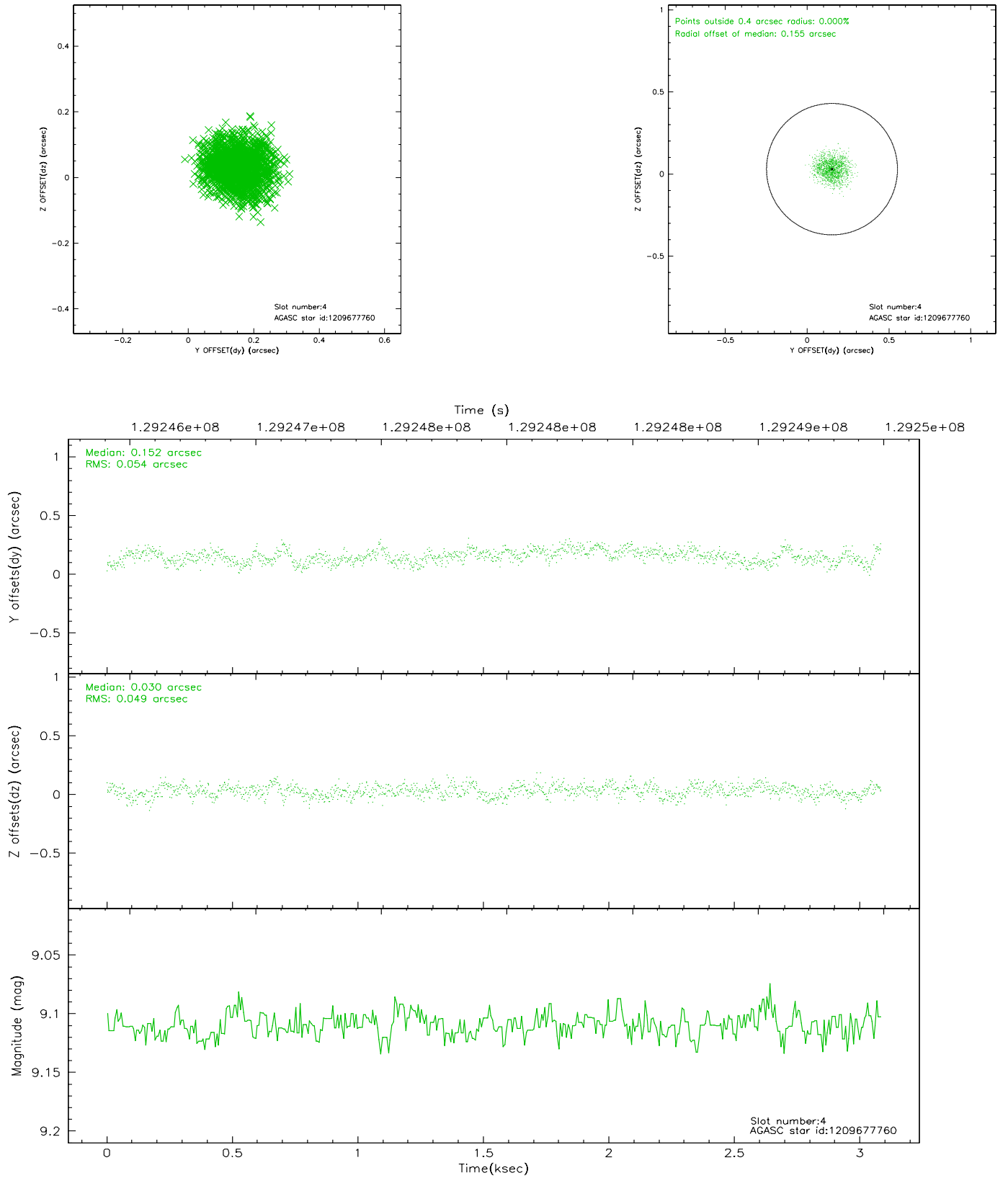
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	752	-0.070	0.053	0.005	0.009	0.000000	0.000000	937.59	-831.29
1	FID	ACIS-I-5	7.23	752	0.009	-0.003	0.005	0.009	0.000000	0.000000	-1809.26	1065.14
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	1209806952	6.82	1505	-0.251	-0.011	0.056	0.094	174.311027	-69.674228	2032.83	1014.04
4	GUIDE	1209677760	9.11	1504	0.152	0.030	0.079	0.122	171.899645	-70.126361	-1352.73	1285.69
5	GUIDE	1209808912	9.59	1504	-0.042	0.179	0.086	0.142	174.926008	-70.456656	1053.49	-1731.96
6	GUIDE	1209675144	9.37	1504	-0.055	-0.162	0.120	0.184	173.252205	-70.915996	-1522.40	-1985.69
7	GUIDE	1209684208	9.95	1501	0.196	-0.040	0.193	0.310	170.984969	-70.133892	-2322.33	1847.43

2.4 Star Slots

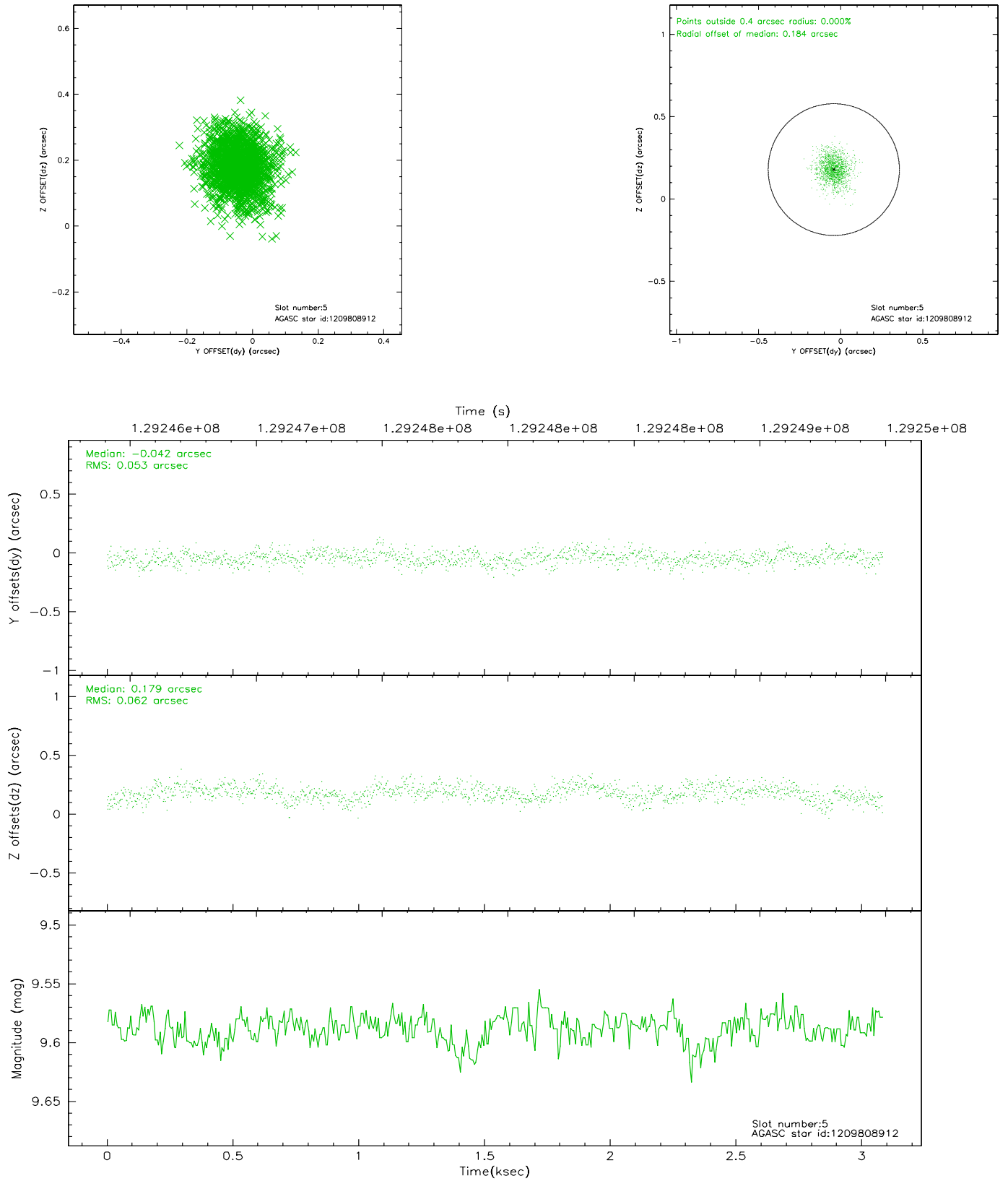
2.4.1 Slot 3



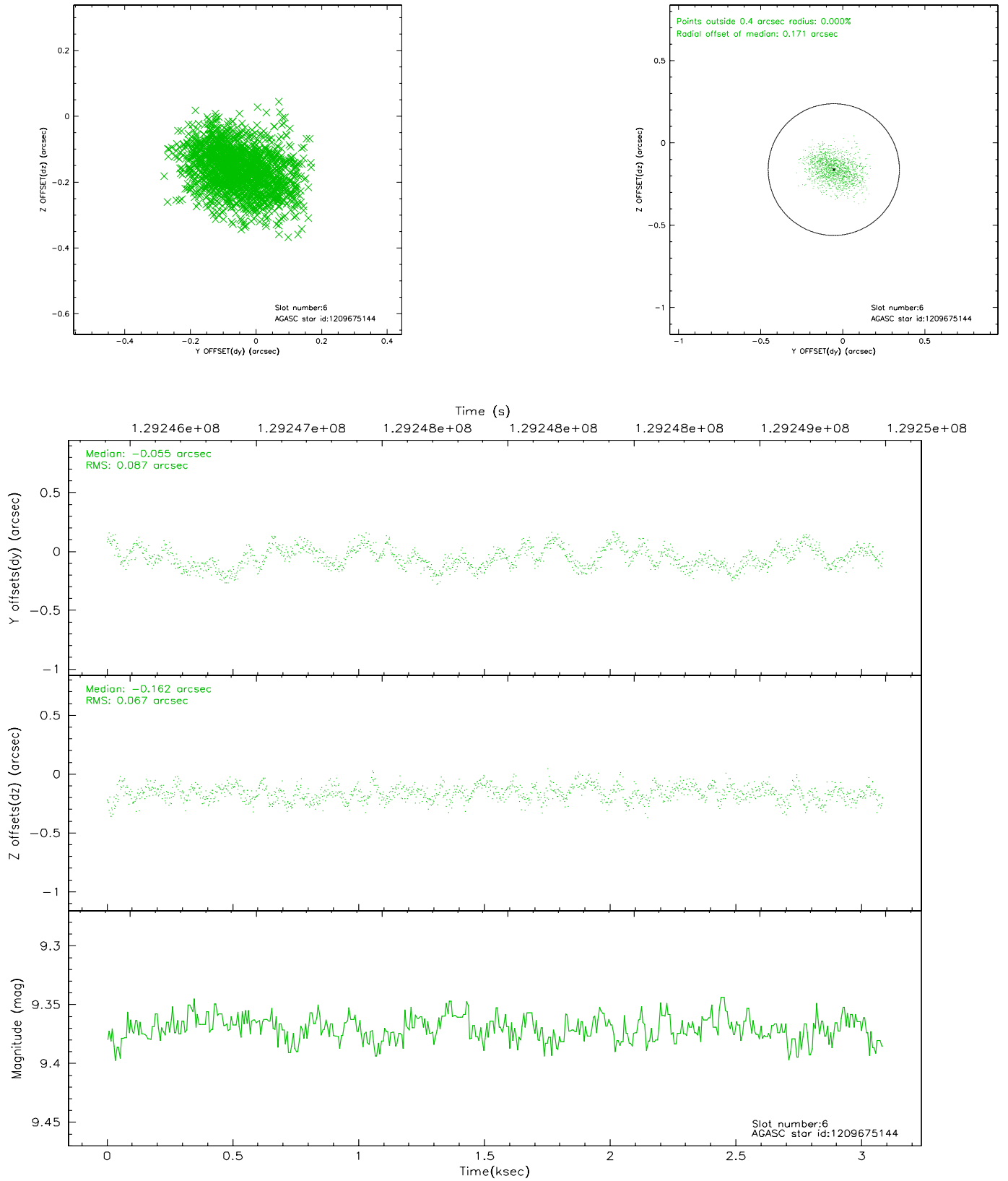
2.4.2 Slot 4



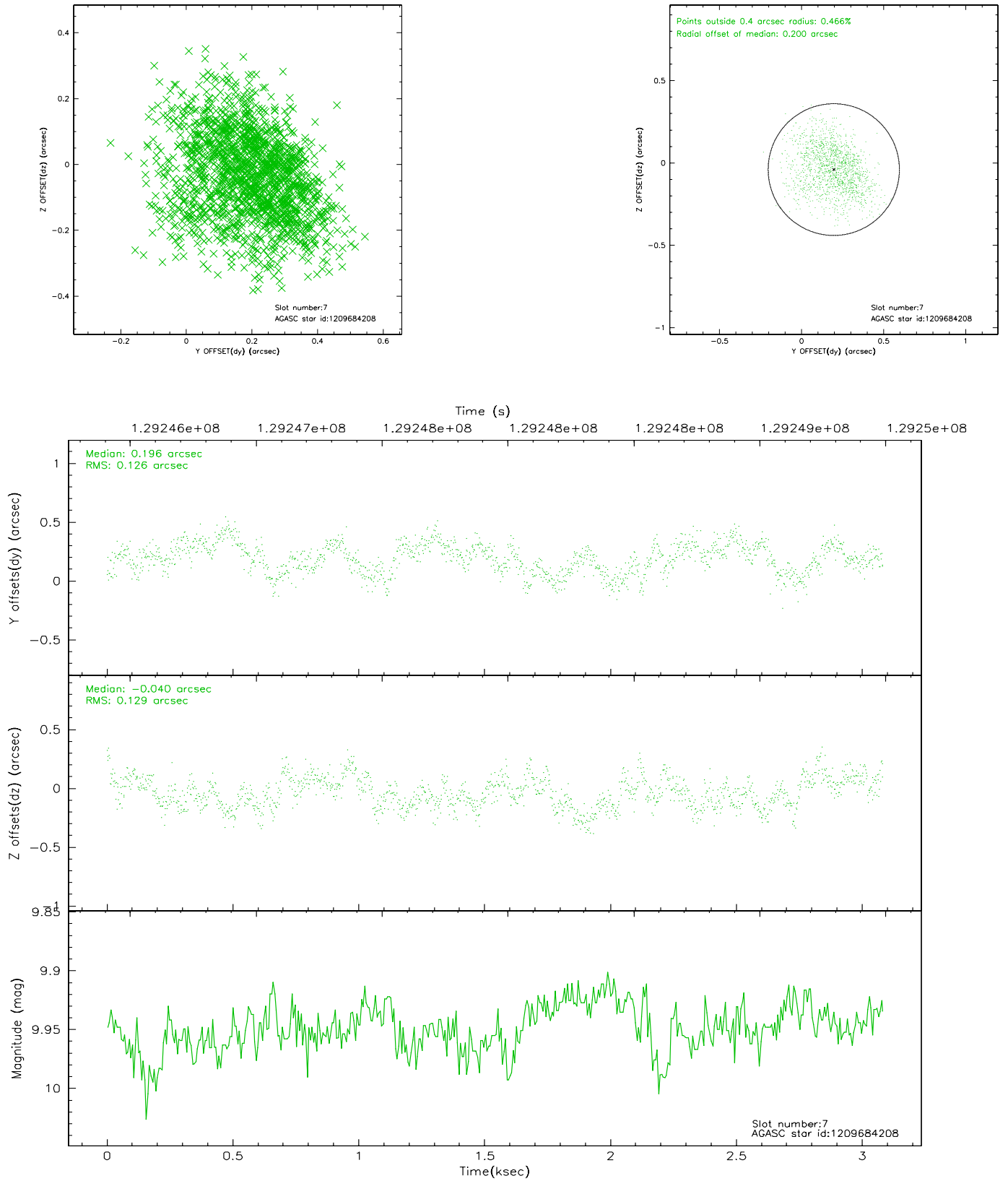
2.4.3 Slot 5



2.4.4 Slot 6

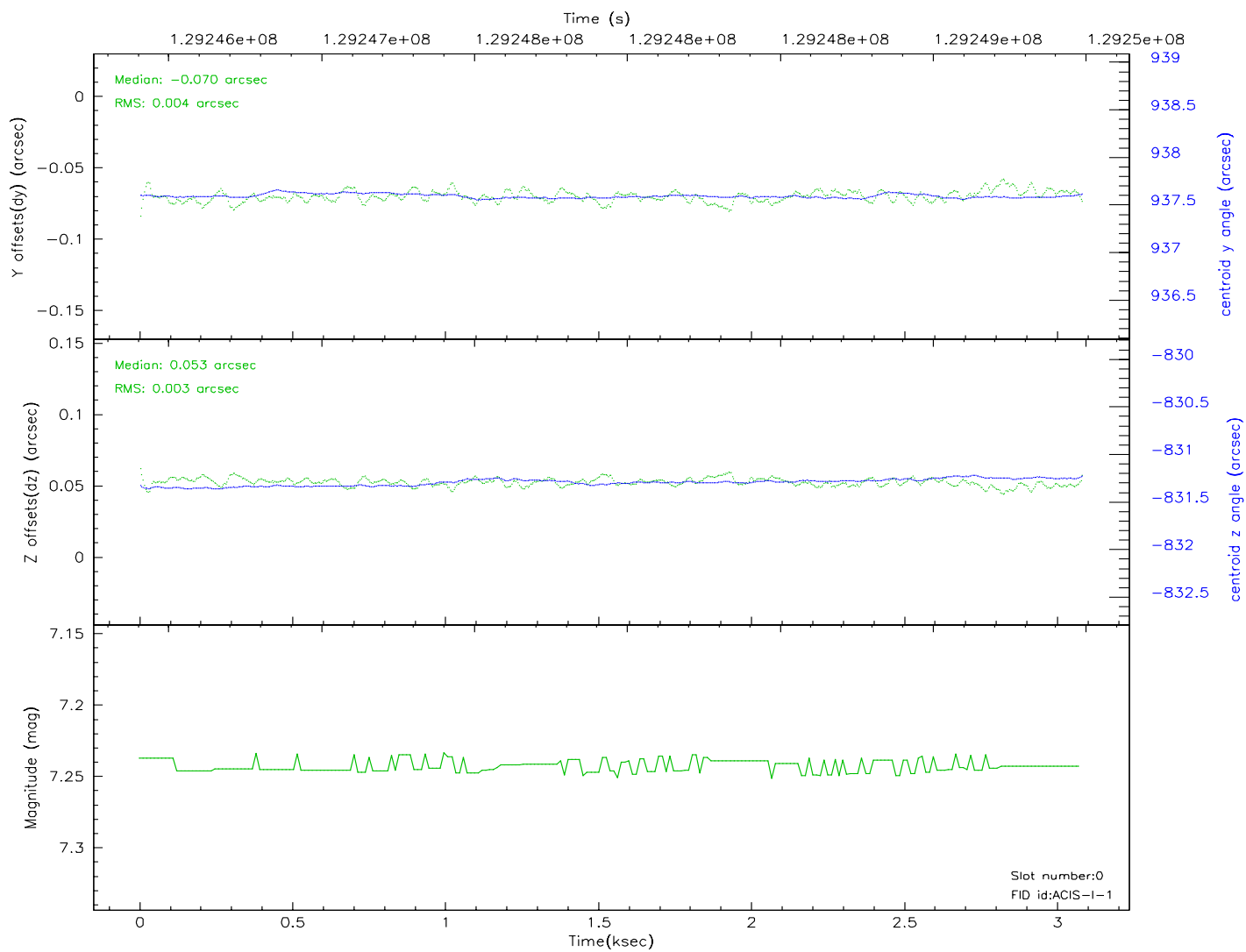
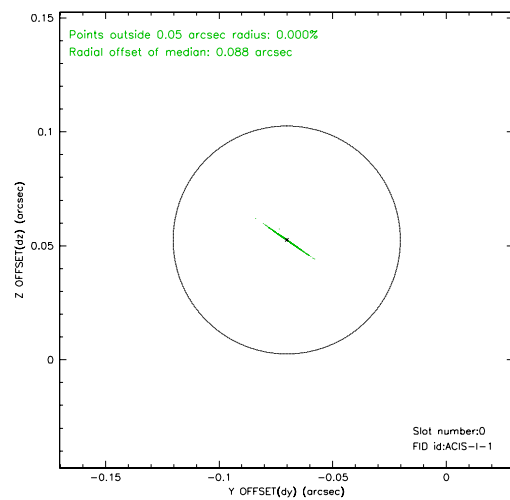
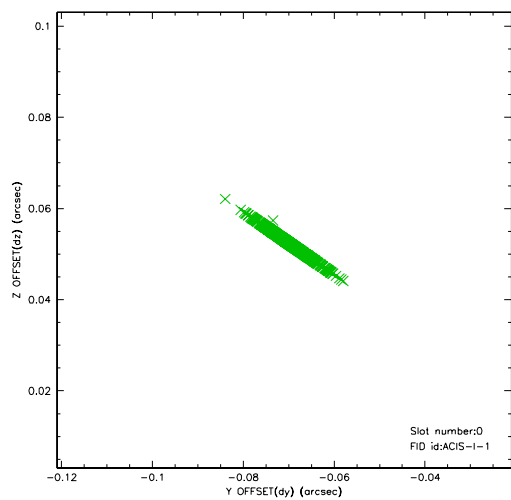


2.4.5 Slot 7

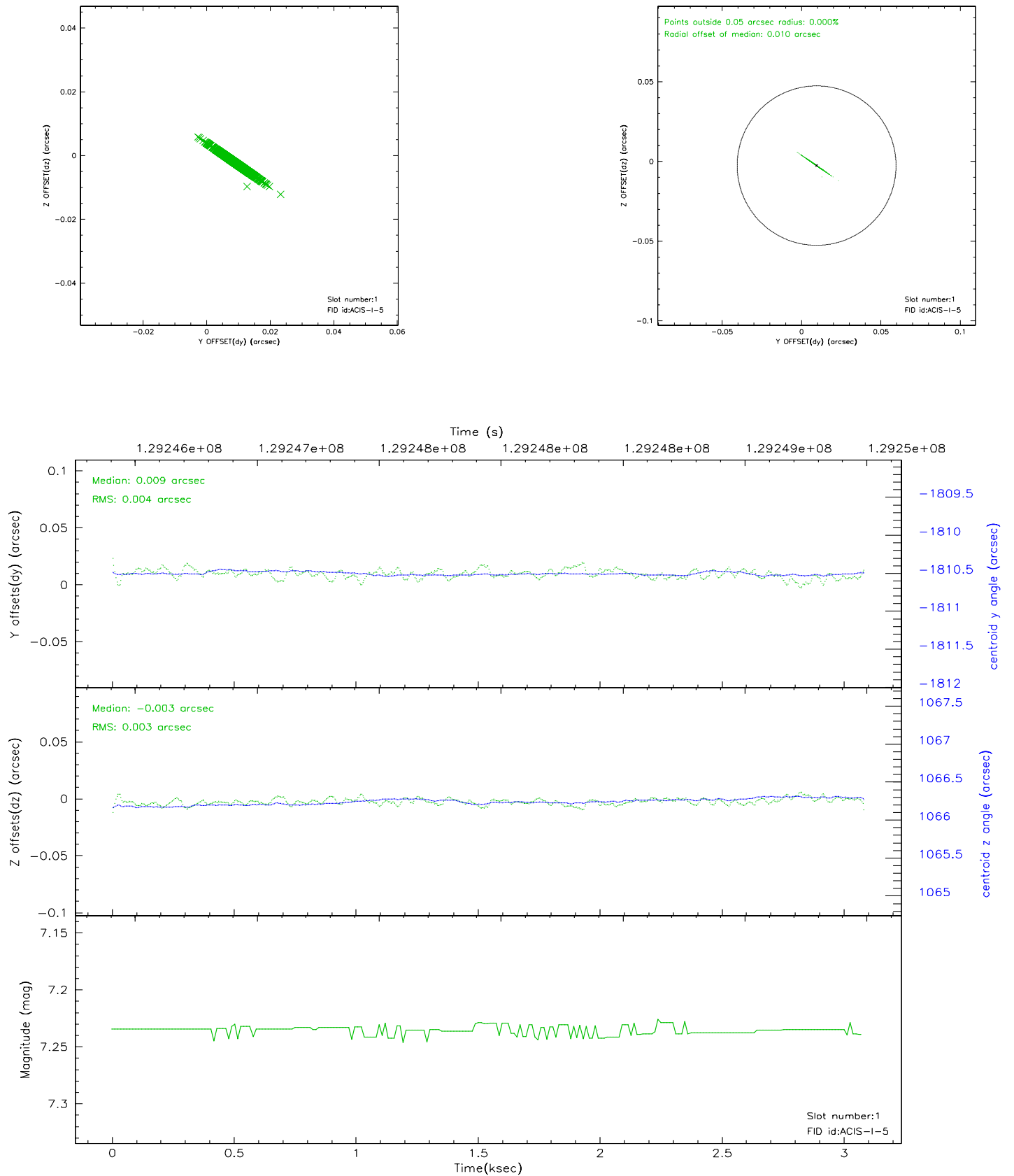


2.5 FID Slots

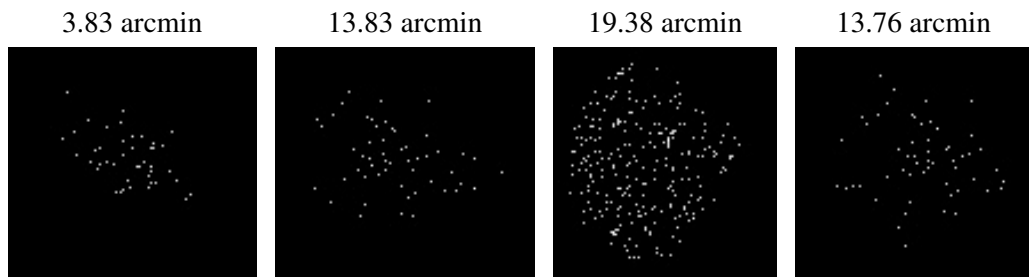
2.5.1 Slot 0



2.5.2 Slot 1



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	2.662

A.2 Comments

The guide star in slot 2 was manually excluded from the processing due to poor data quality.