

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4883 - L2 Version 002
Chandra X-Ray Center

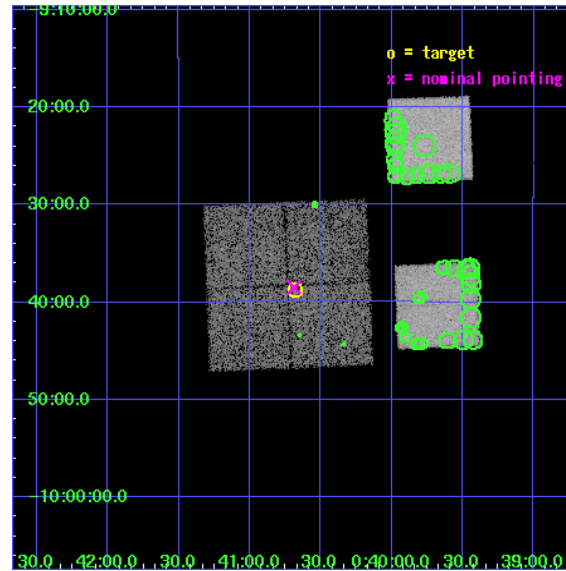
L2 Processing Date : Apr 24 2006

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1 Front

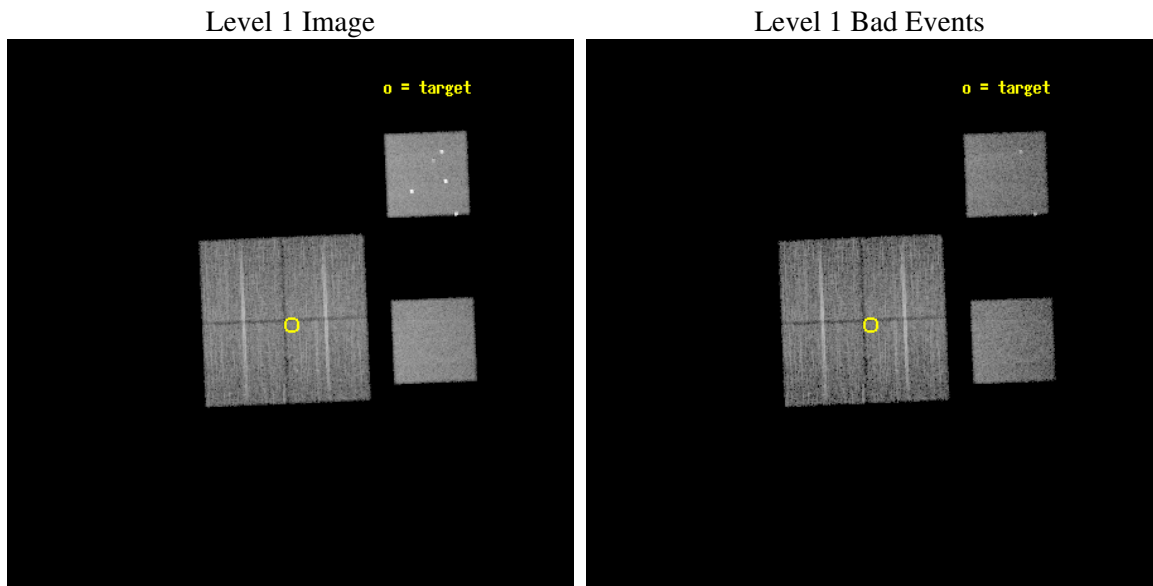
seq_num	700965
obs_id	4883
title	AGN in low-redshift Clusters of Galaxies
observer	Prof. Paul Martini
object	Abell85-P3
dtcycle	0
cycle	P
ra_targ	10.170417
dec_targ	-9.645833
ra_nom	10.17237020192
dec_nom	-9.6416254392313
roll_nom	87.592331874124
revision	3
ontime	9756.7589733601
livetime	9633.2130164244
ontime0	9759.5462780893
ontime1	9759.9999636412
ontime2	9759.9999636412
ontime3	9756.7589733601
ontime5	9759.6283580959
ontime7	9759.5873180926
l2events	111113



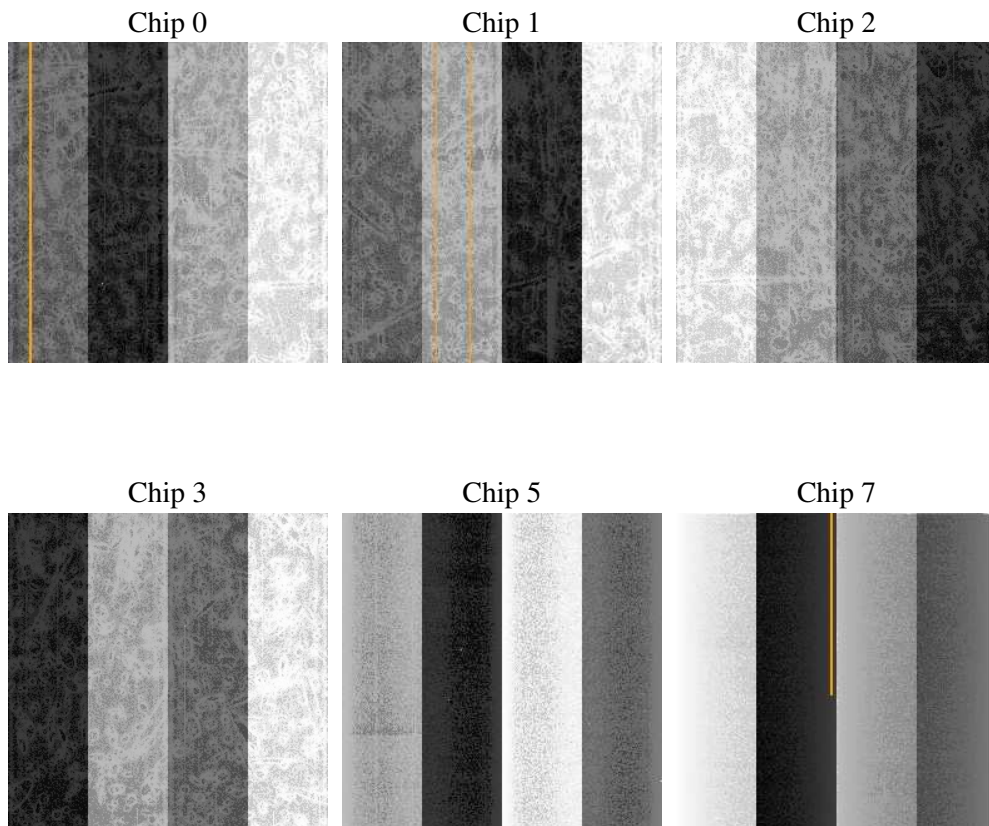
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-24T18:47:54
revision	3

sched_exp_time	10000.000000
ontime	9761.928044796
ontime0	9761.9280248582
ontime1	9765.1690350771
ontime2	9765.169054985
ontime3	9761.928044796
ontime5	9761.9280248582
ontime7	9761.9280248582
l1events	496898

2.1.4 Events

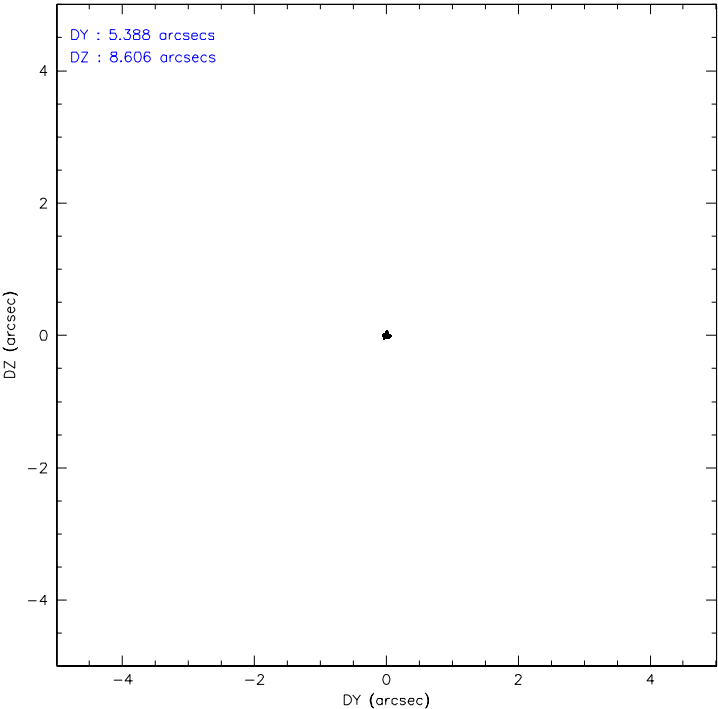
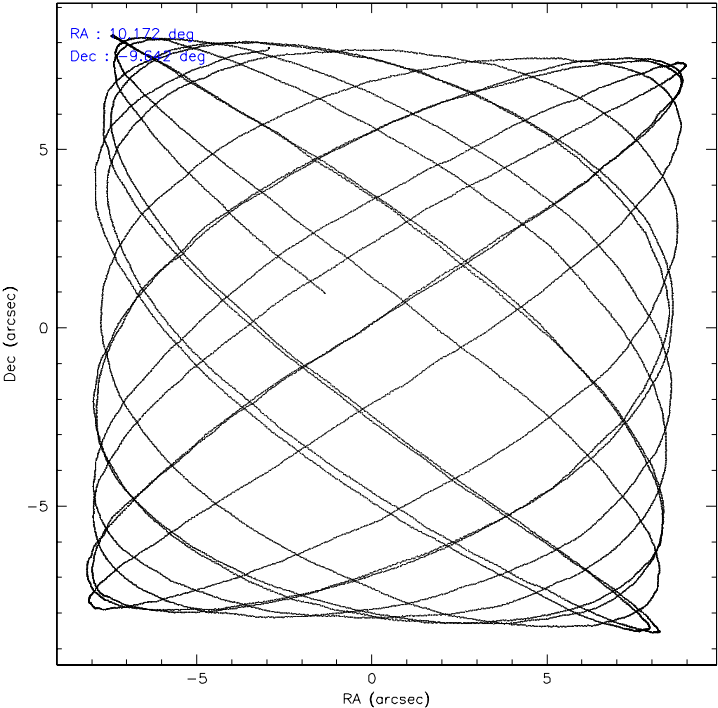
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	71651	68553	72309	71382	115561	97442
rejected events	62471	59529	63975	62648	62104	60474
rejected %	87%	86%	88%	87%	53%	62%

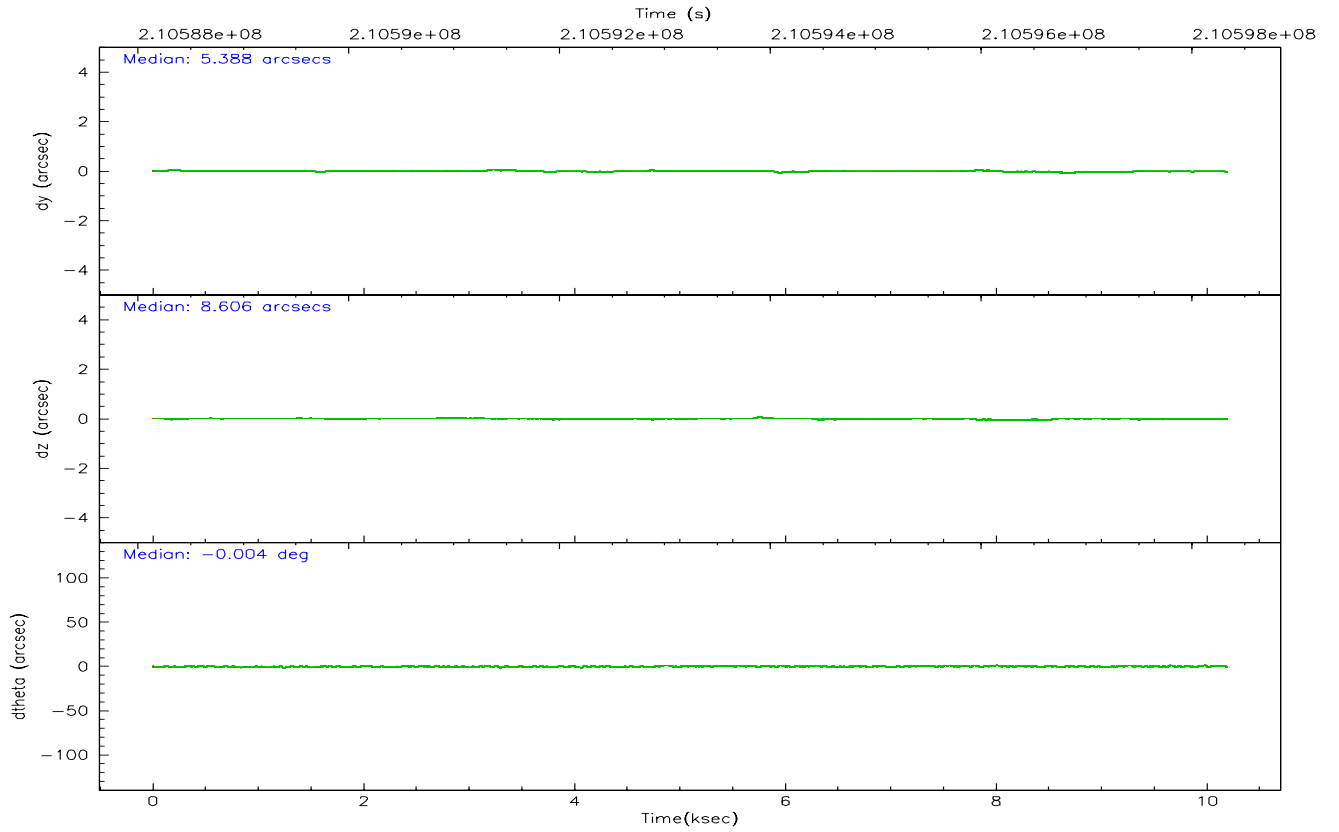
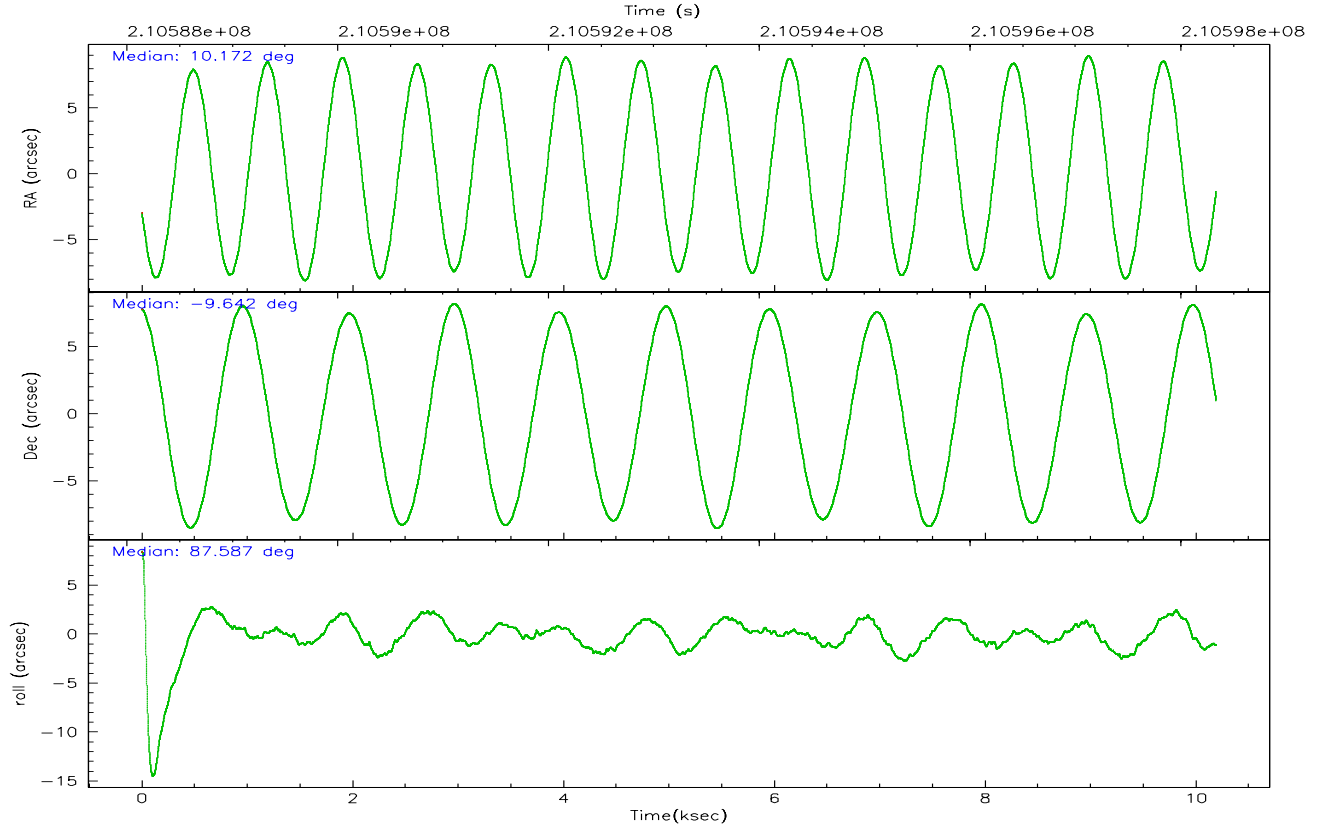
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	4028	3481	3679	3811	8526	1894
	5%	5%	5%	5%	7%	1%
grade 1 events	49	43	55	44	207	72
	0%	0%	0%	0%	0%	0%
grade 2 events	1926	1962	1708	1696	14957	9226
	2%	2%	2%	2%	12%	9%
grade 3 events	882	897	843	802	1156	1833
	1%	1%	1%	1%	1%	1%
grade 4 events	808	904	817	879	1025	1793
	1%	1%	1%	1%	0%	1%
grade 5 events	3060	3056	2763	3262	5340	6303
	4%	4%	3%	4%	4%	6%
grade 6 events	1542	1792	1291	1551	27817	22236
	2%	2%	1%	2%	24%	22%
grade 7 events	59356	56418	61153	59337	56533	54085
	82%	82%	84%	83%	48%	55%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012357	ACIS-012357	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	10.185403	10.17237020192024	Alternating exposures requested	N	N
Pointing Dec	-9.665862	-9.641625439231253	Primary exposure time	0.000000	3.2
Pointing Roll	87.385798	87.59233187412417			
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	210588336.184000	210587960.61114			
Observation start date	2004-09-03T08:44:32	2004-09-03T08:39:20			
Observation end time	210598336.184000	210598470.96161			
Observation end date	2004-09-03T11:31:12	2004-09-03T11:34:30			
Read mode	TIMED	TIMED			

2.3 Aspect



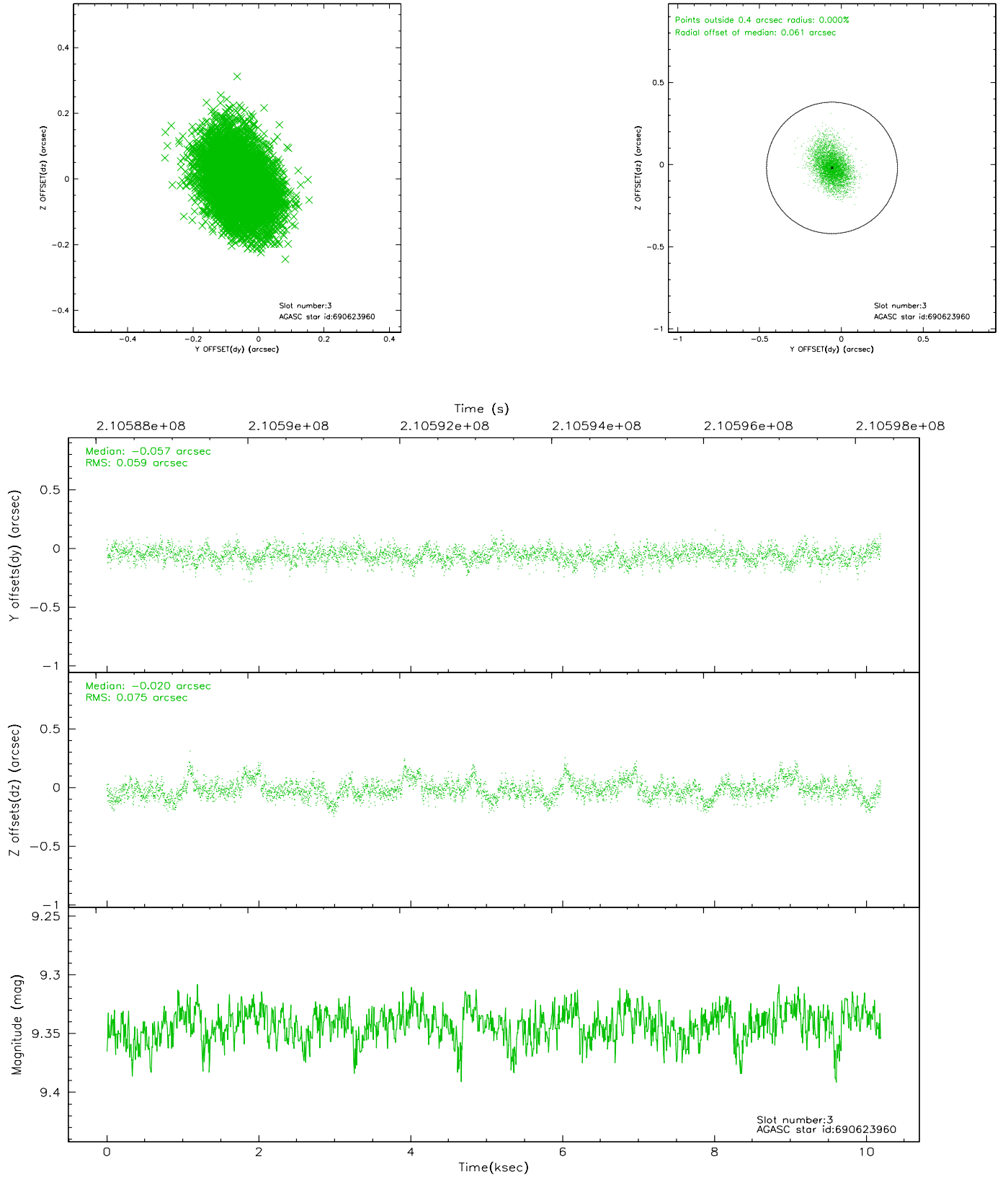


Slot Statistics

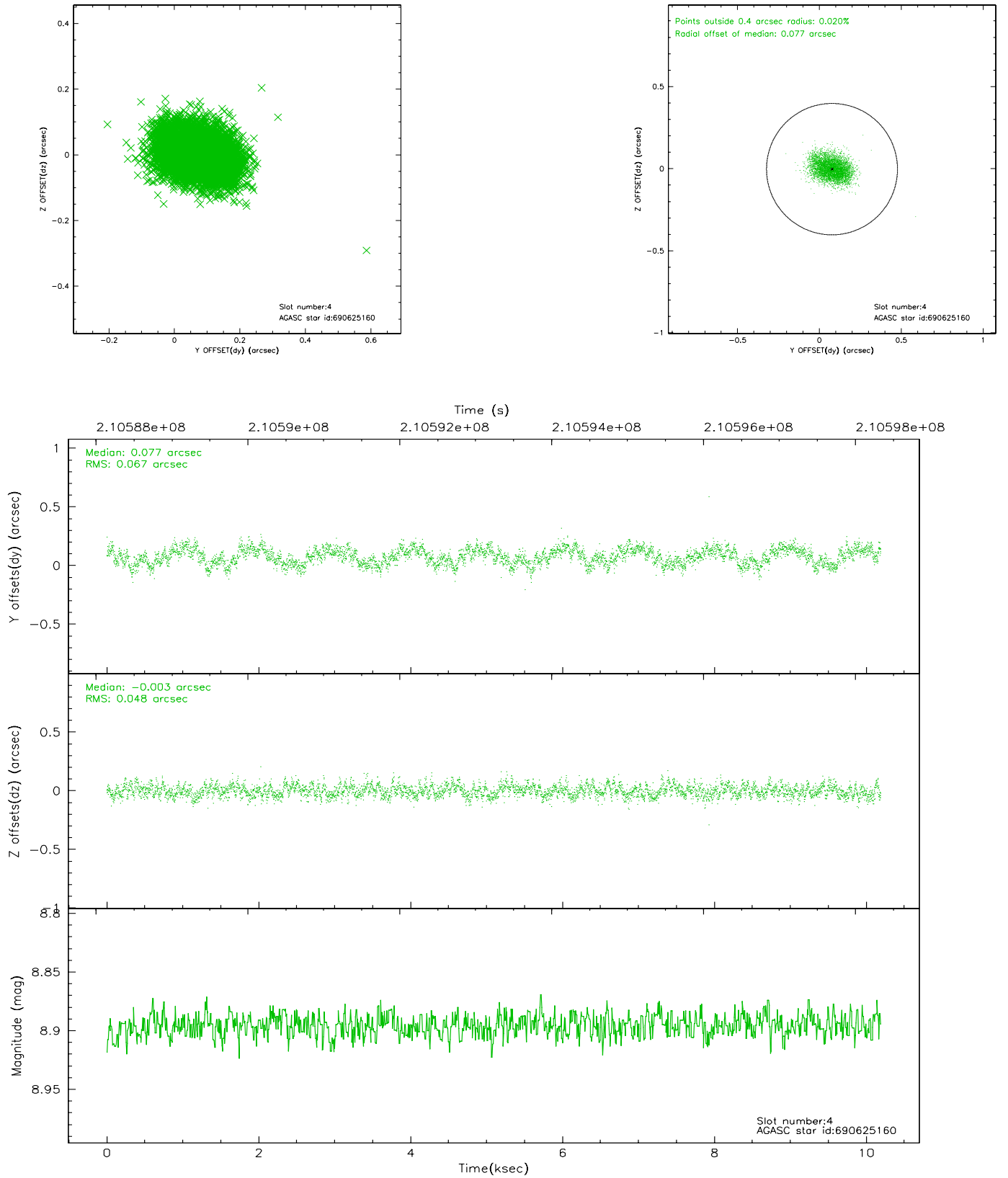
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	2485	0.007	-0.001	0.004	0.008	0.000000	0.000000	934.38	-832.01
1	FID	ACIS-I-5	7.23	2486	-0.068	0.051	0.004	0.008	0.000000	0.000000	-1813.58	1065.18
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	690623960	9.34	4970	-0.057	-0.020	0.100	0.171	10.570675	-9.168103	1852.19	-1285.84
4	GUIDE	690625160	8.90	4970	0.077	-0.003	0.087	0.138	10.224219	-9.960066	-1051.02	-186.09
5	GUIDE	690625736	9.25	4972	0.073	-0.028	0.108	0.171	10.556282	-9.824700	-511.71	-1340.63
6	GUIDE	690625776	9.15	4968	-0.085	0.100	0.084	0.138	10.846019	-9.315741	1364.62	-2288.55
7	GUIDE	690637960	6.79	4971	-0.008	-0.054	0.060	0.094	10.711431	-9.921690	-835.78	-1905.93

2.4 Star Slots

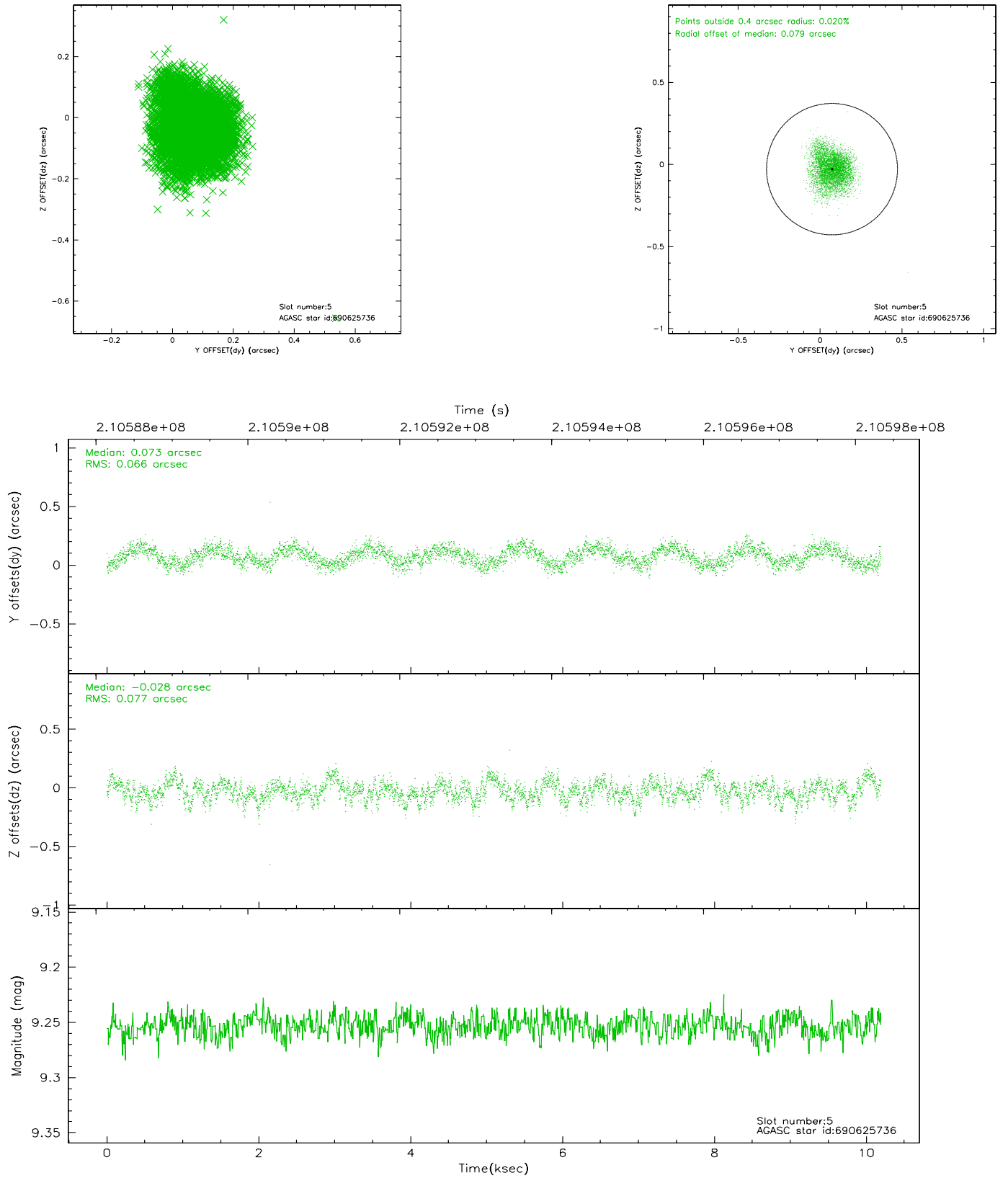
2.4.1 Slot 3



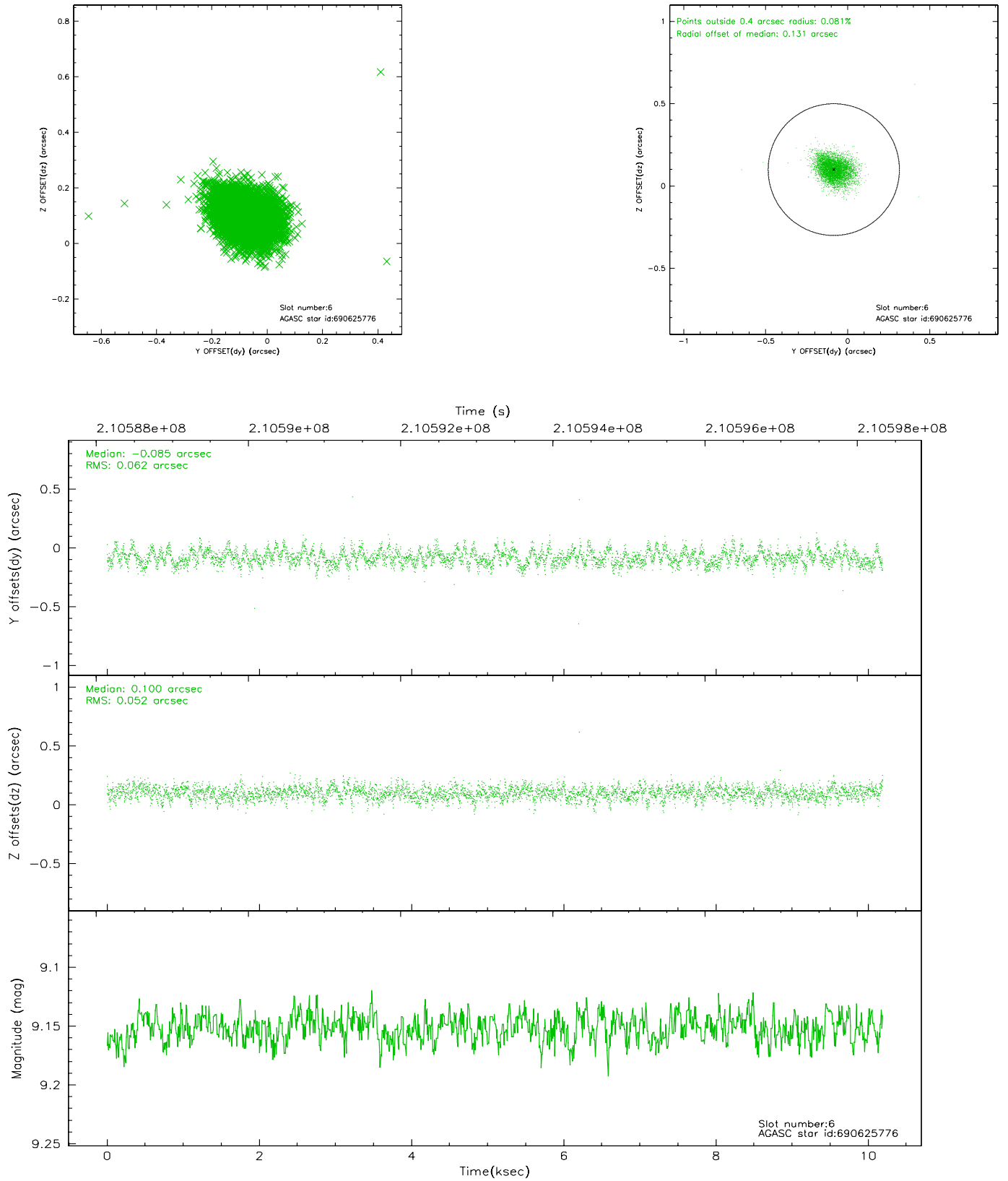
2.4.2 Slot 4



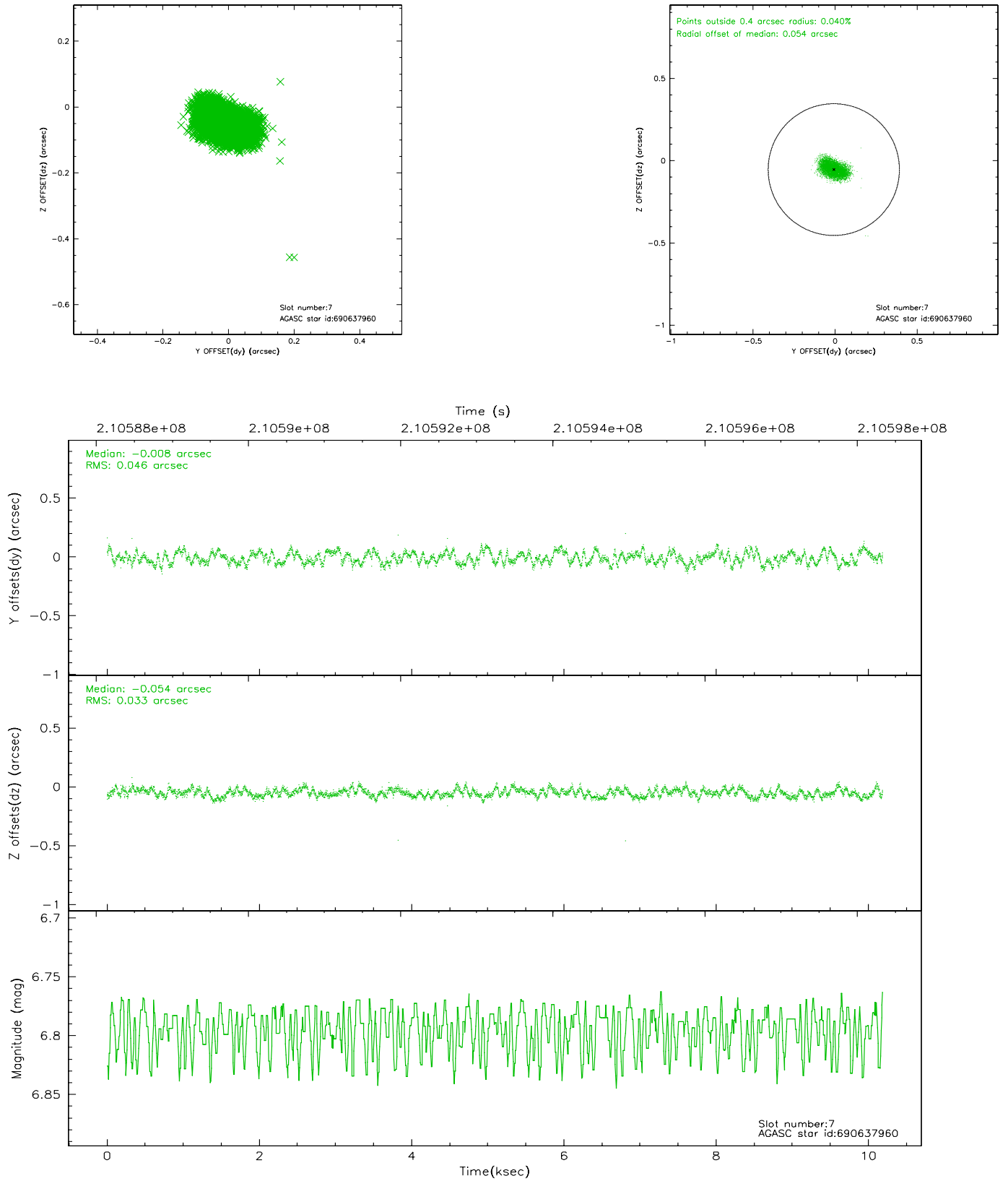
2.4.3 Slot 5



2.4.4 Slot 6

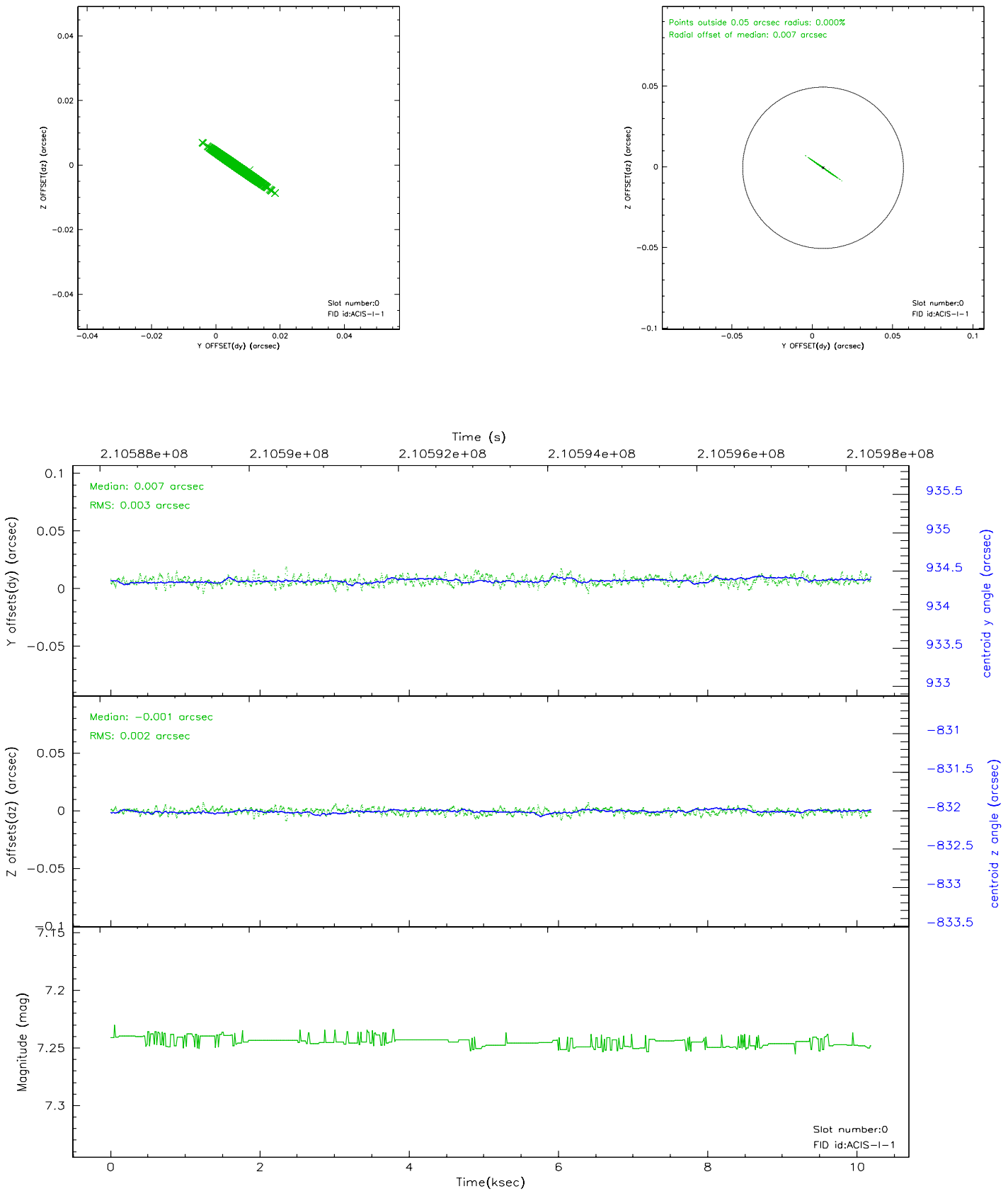


2.4.5 Slot 7

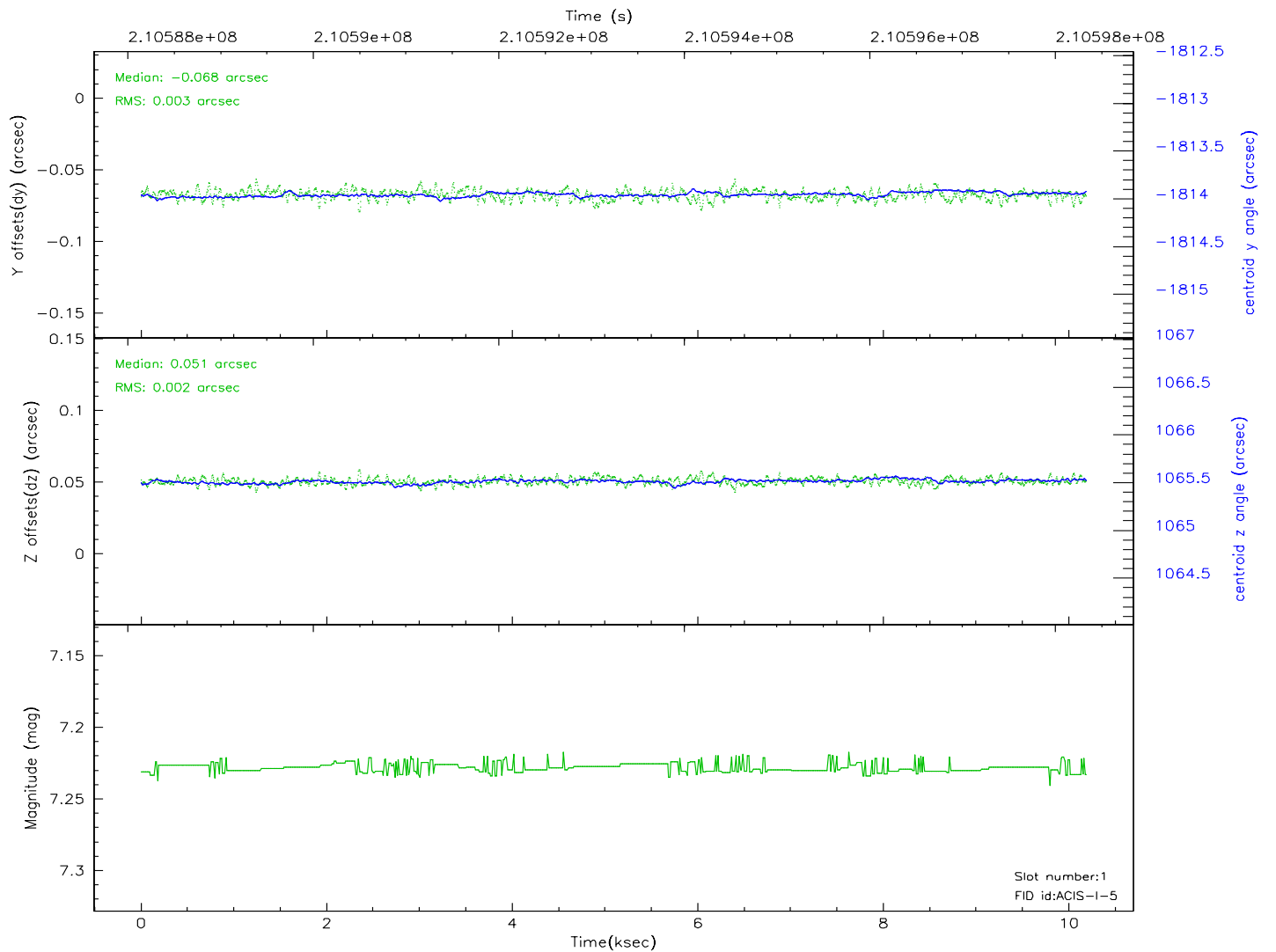
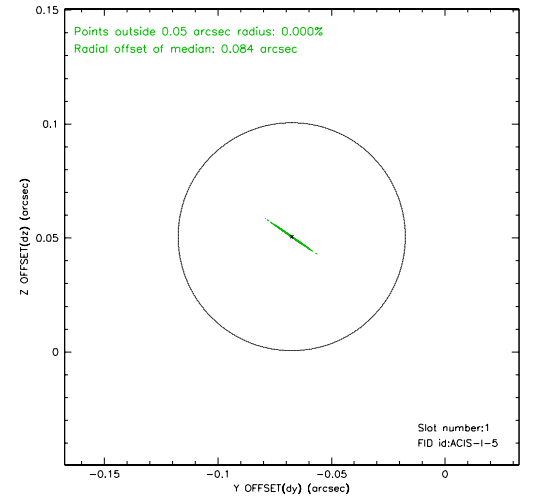
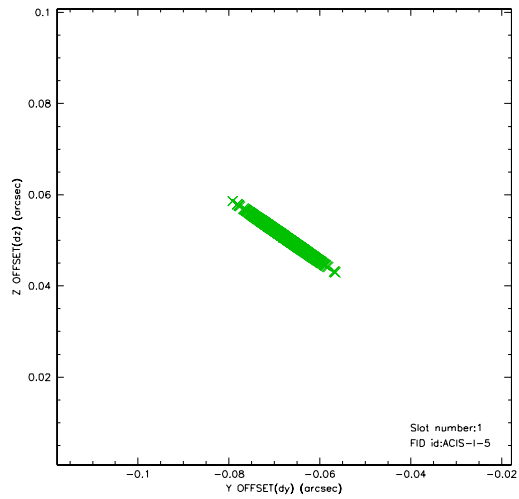


2.5 FID Slots

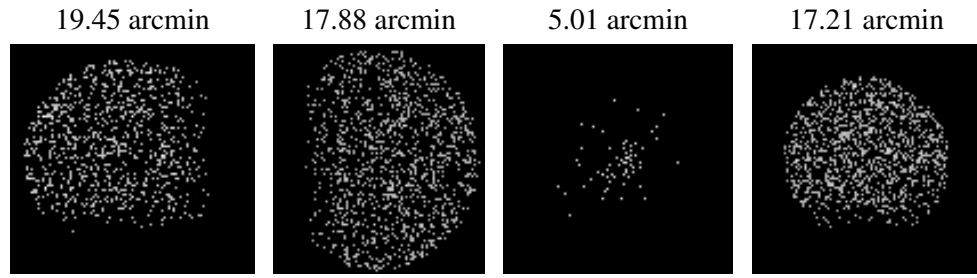
2.5.1 Slot 0



2.5.2 Slot 1



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Sarah Zelechowski
V&V Date (YYYY-MM-DD)	2006.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.756

A.2 Comments