

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1695 - L2 Version 001
Chandra X-Ray Center

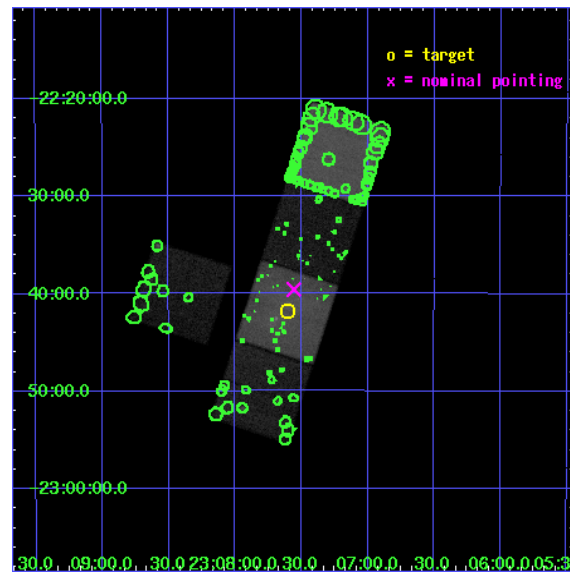
L2 Processing Date : Dec 8 2006

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1 Front

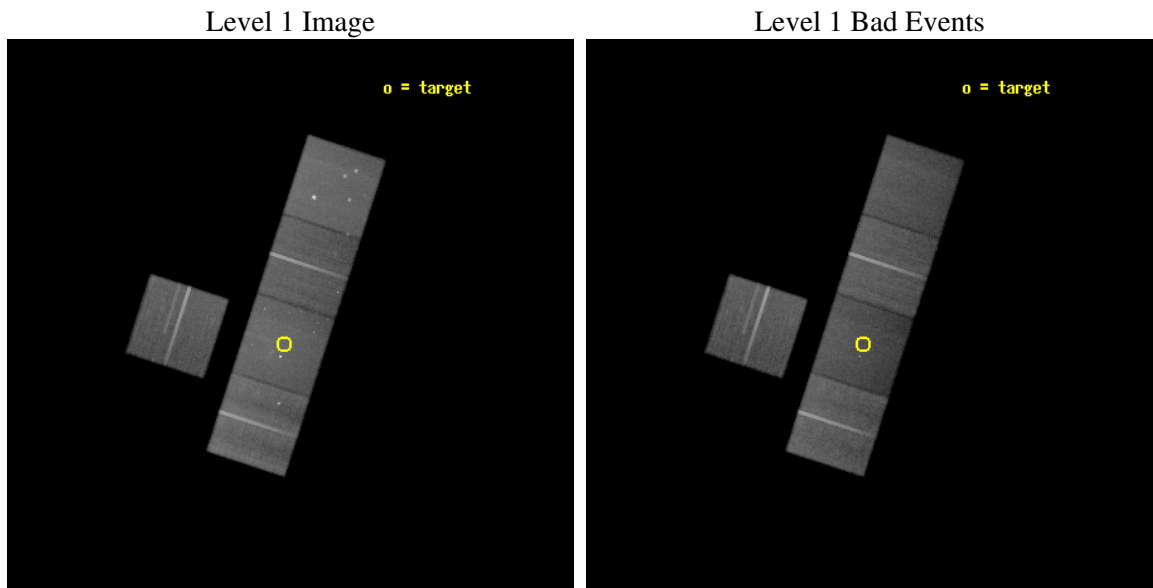
seq_num	900054
obs_id	1695
title	DIFFERENTIAL X-RAY GUNN-PETERSON TEST
observer	Dr. Stephen Murray
object	A2534
dtcycle	0
cycle	P
ra_targ	346.9
dec_targ	-22.695806
ra_nom	346.8893243857
dec_nom	-22.659633946748
roll_nom	108.00813910218
revision	3
ontime	62840.099879175
livetime	62019.047712045
ontime3	62830.676938608
ontime5	62840.099879175
ontime6	62821.254077837
ontime7	62840.099879175
ontime8	62821.254137665
l2events	470445



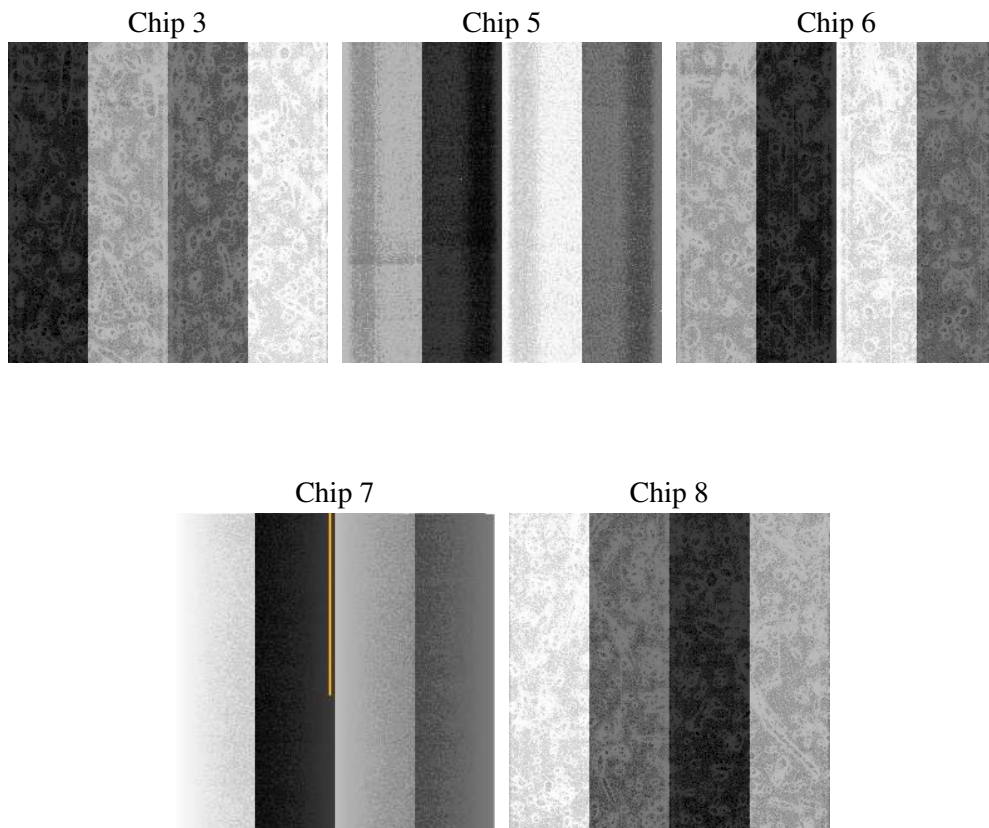
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-08T13:13:05
revision	3

sched_exp_time	62745.366000
ontime	62845.133401155
ontime3	62835.710440665
ontime5	62845.133401155
ontime6	62826.287599817
ontime7	62845.133401155
ontime8	62826.287659645
l1events	1973622

2.1.4 Events

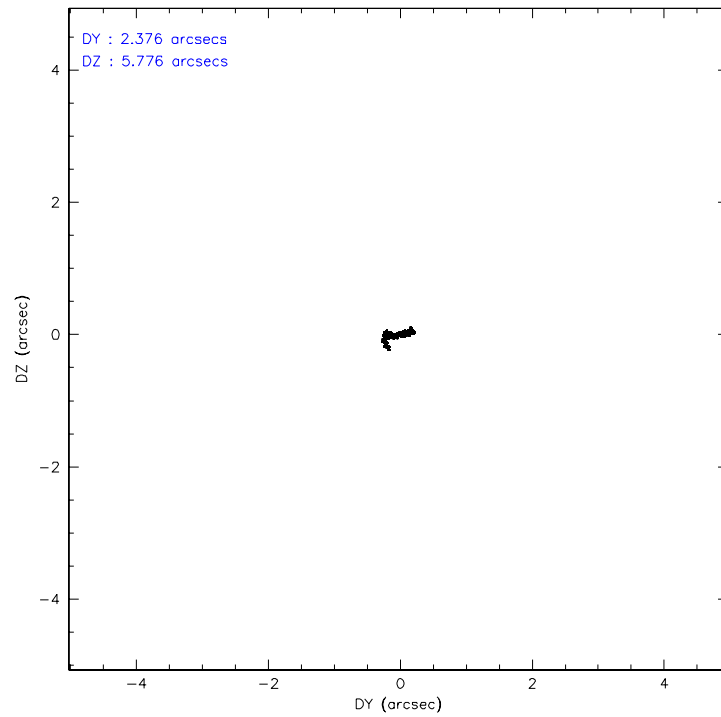
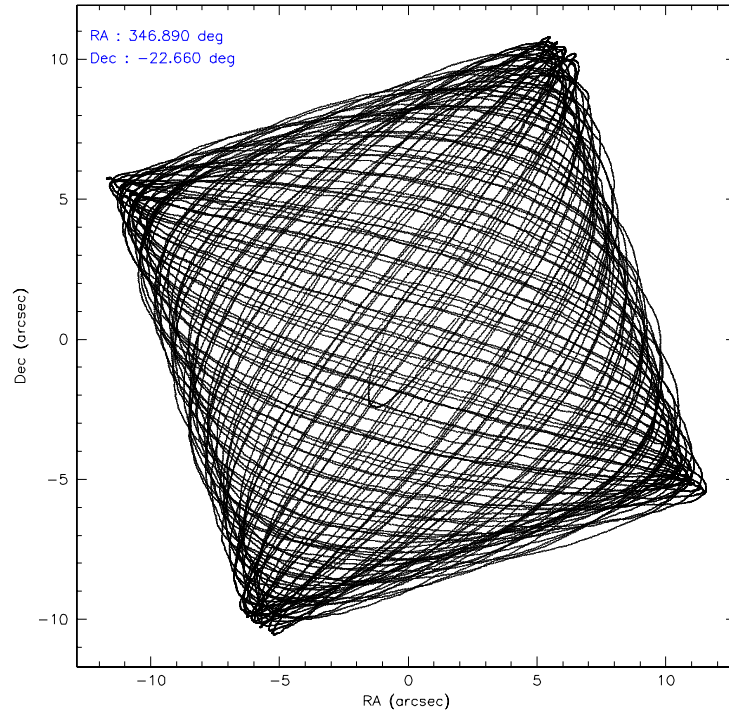
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	345783	442107	357899	390909	436924
rejected events	314695	224827	321316	207160	341892
rejected %	91%	50%	89%	52%	78%

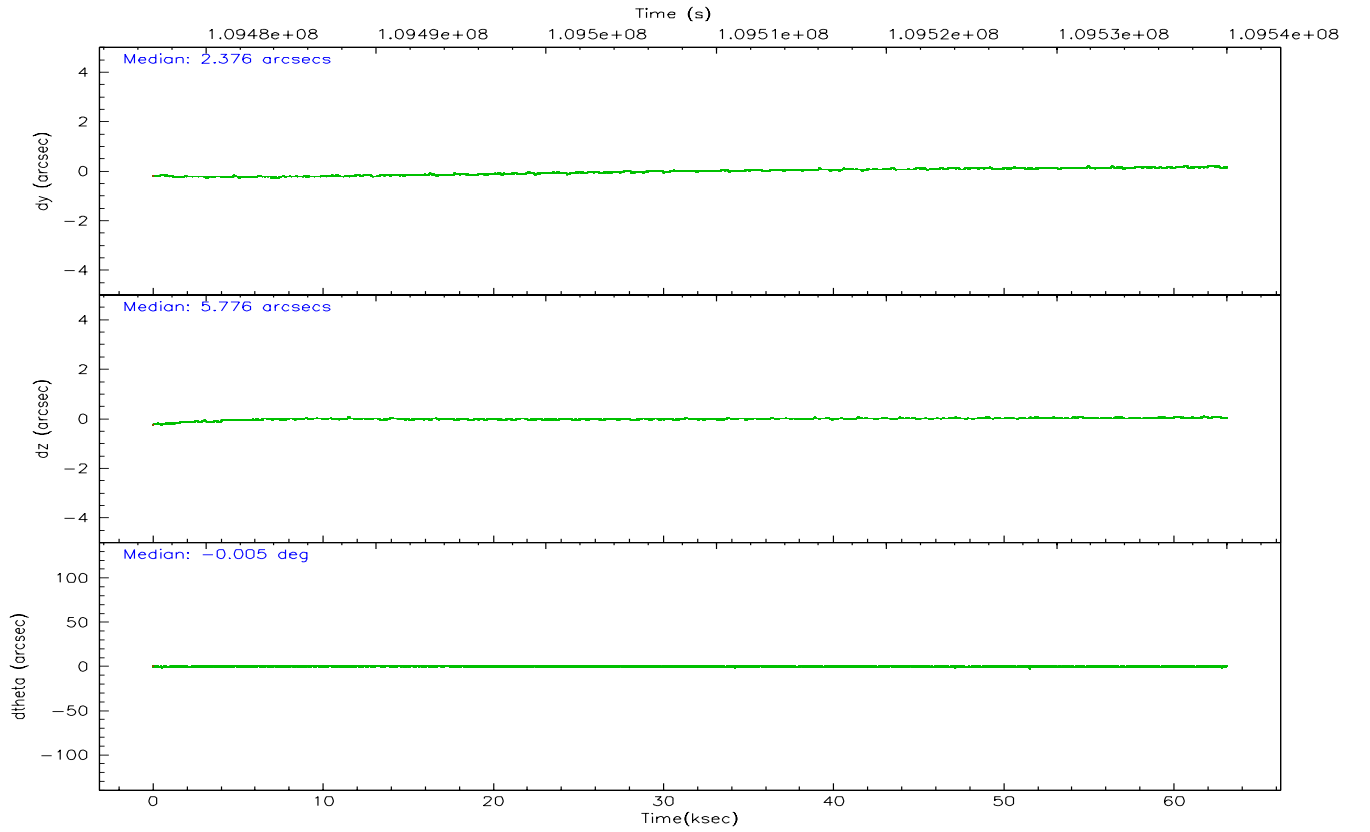
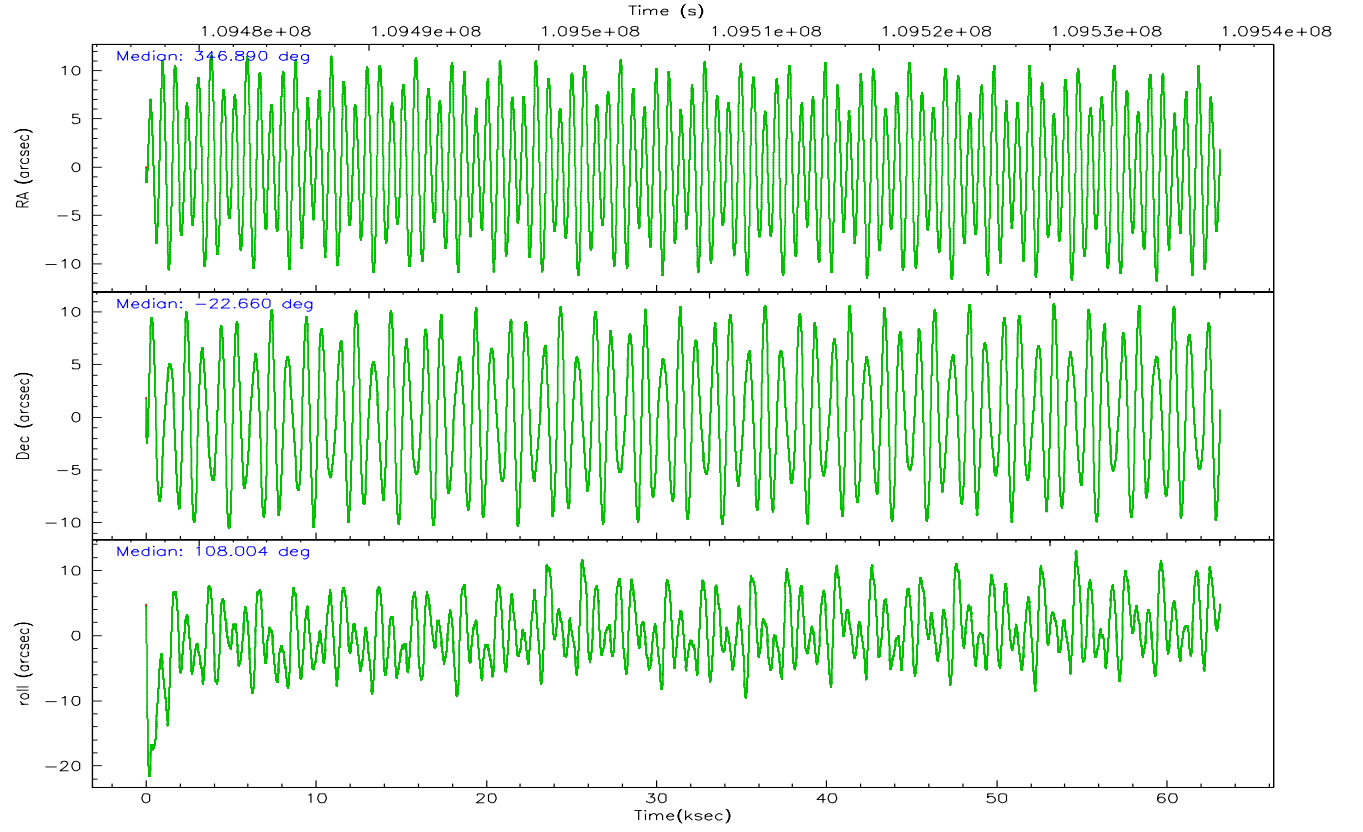
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11277	27472	14073	20044	29669
	3%	6%	3%	5%	6%
grade 1 events	147	225	154	279	299
	0%	0%	0%	0%	0%
grade 2 events	6359	62680	7434	45051	20617
	1%	14%	2%	11%	4%
grade 3 events	3767	5765	4028	13135	10310
	1%	1%	1%	3%	2%
grade 4 events	3561	5587	3990	12706	9660
	1%	1%	1%	3%	2%
grade 5 events	11568	23524	12777	28478	17429
	3%	5%	3%	7%	3%
grade 6 events	6126	115789	7066	92825	24783
	1%	26%	1%	23%	5%
grade 7 events	302978	201065	308377	178391	324157
	87%	45%	86%	45%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	346.911512	346.8893243857005	Subarray requested	NONE	NONE
Pointing Dec	-22.677678	-22.6596339467482	Alternating exposures requested	N	N
Pointing Roll	107.860057	108.0081391021793	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	109477276.184000	109476215.86074			
Observation start date	2001-06-21T02:20:12	2001-06-21T02:03:35			
Observation end time	109540021.184000	109540851.33826			
Observation end date	2001-06-21T19:45:57	2001-06-21T20:00:51			
Read mode	TIMED	TIMED			

2.3 Aspect



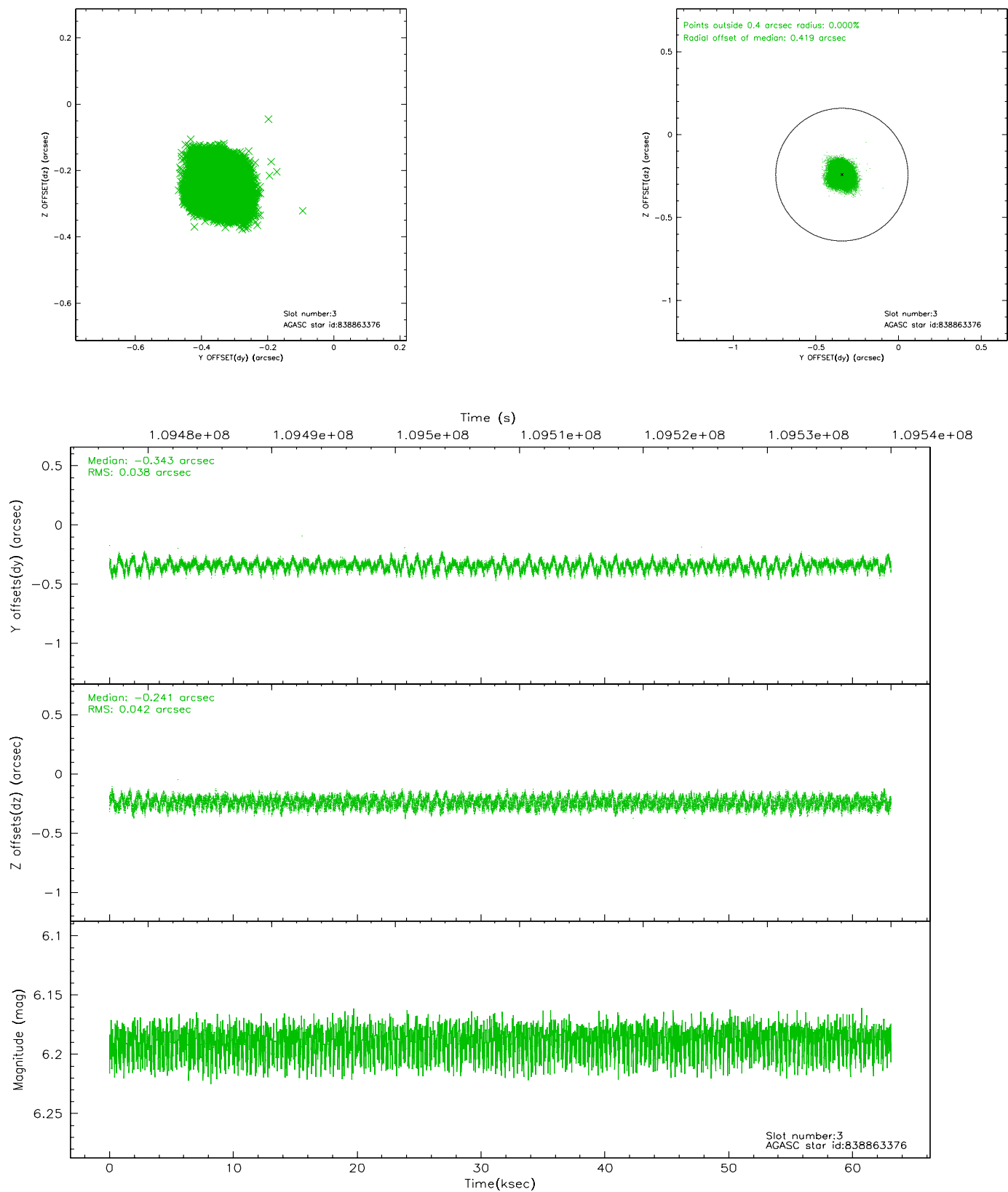


Slot Statistics

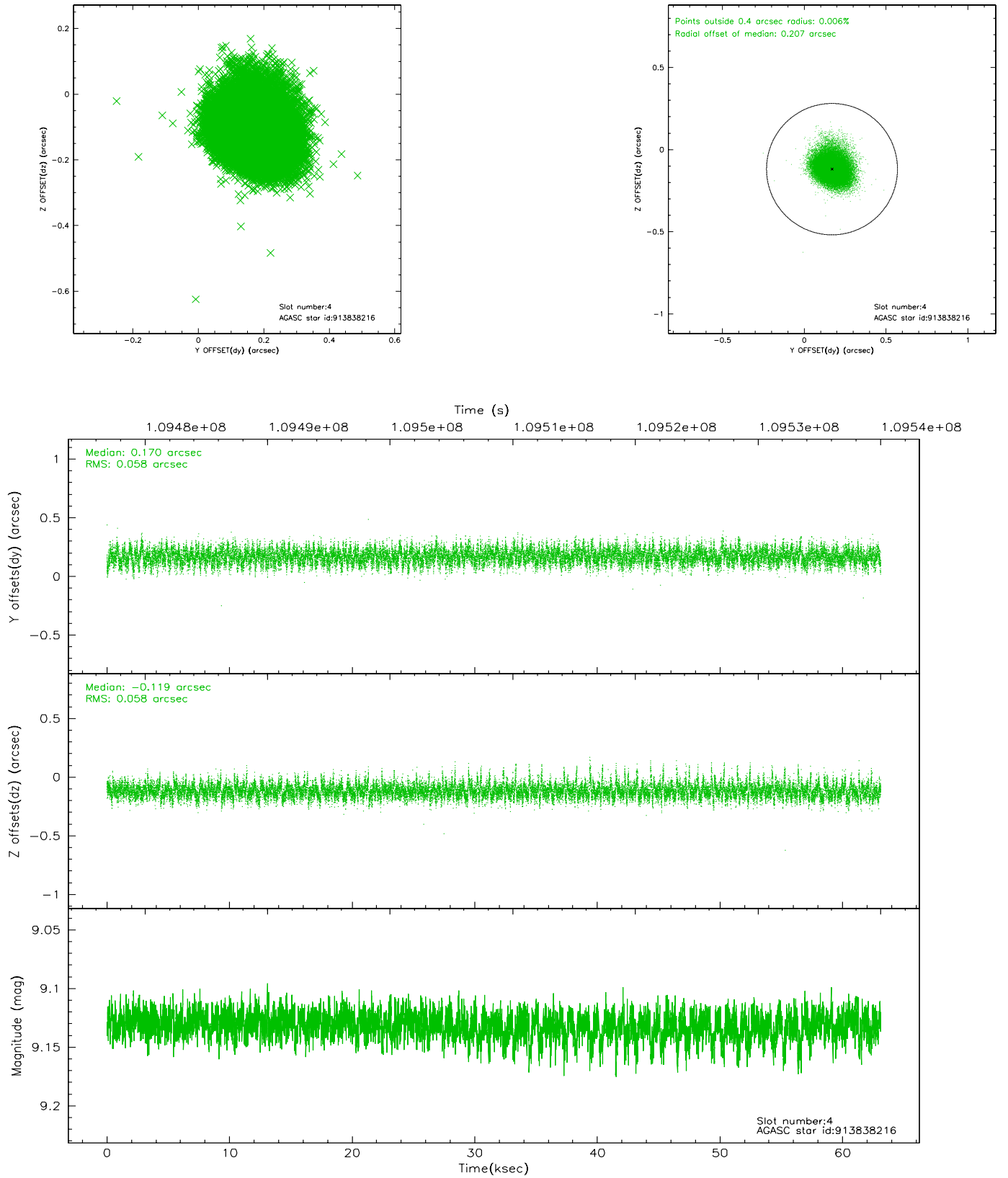
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	15396	-0.028	0.025	0.007	0.011	0.000000	0.000000	-754.96	-1726.90
1	FID	ACIS-S-4	7.20	15394	-0.069	0.007	0.006	0.011	0.000000	0.000000	2158.25	181.69
2	FID	ACIS-S-5	7.24	15393	0.066	-0.023	0.008	0.013	0.000000	0.000000	-1807.82	175.18
3	GUIDE	838863376	6.19	30788	-0.343	-0.241	0.062	0.094	346.356461	-22.486846	1217.43	1548.36
4	GUIDE	913838216	9.13	30777	0.170	-0.119	0.086	0.144	346.779414	-23.159457	-1516.19	948.74
5	GUIDE	913834240	9.25	30770	0.076	0.037	0.084	0.139	346.690223	-22.775802	-110.49	808.55
6	GUIDE	913843072	9.59	30770	0.267	0.162	0.086	0.139	347.177644	-23.136268	-1841.01	-331.14
7	GUIDE	839001536	10.40	30682	-0.167	0.156	0.180	0.302	347.234677	-21.972765	2084.39	-1803.75

2.4 Star Slots

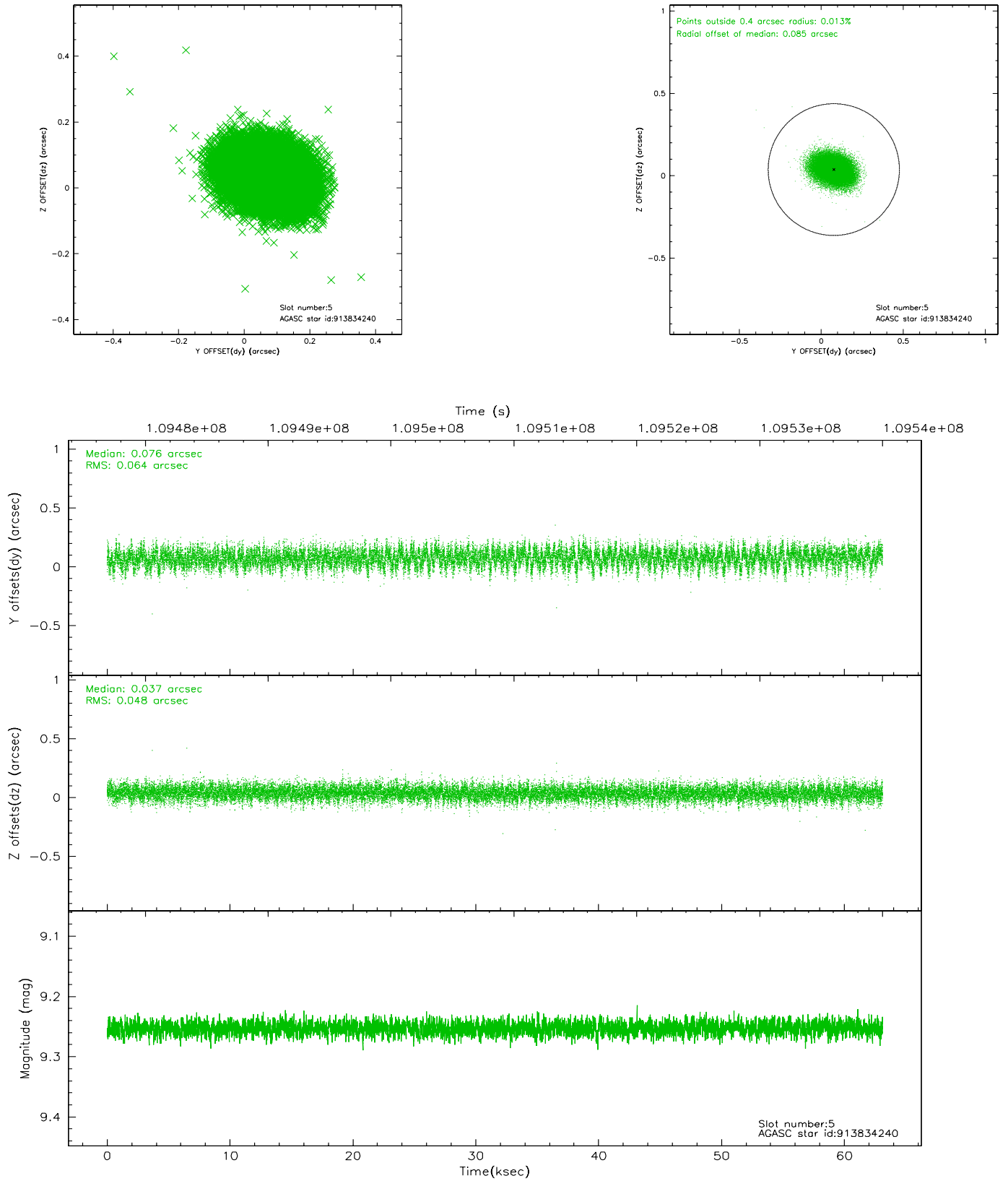
2.4.1 Slot 3



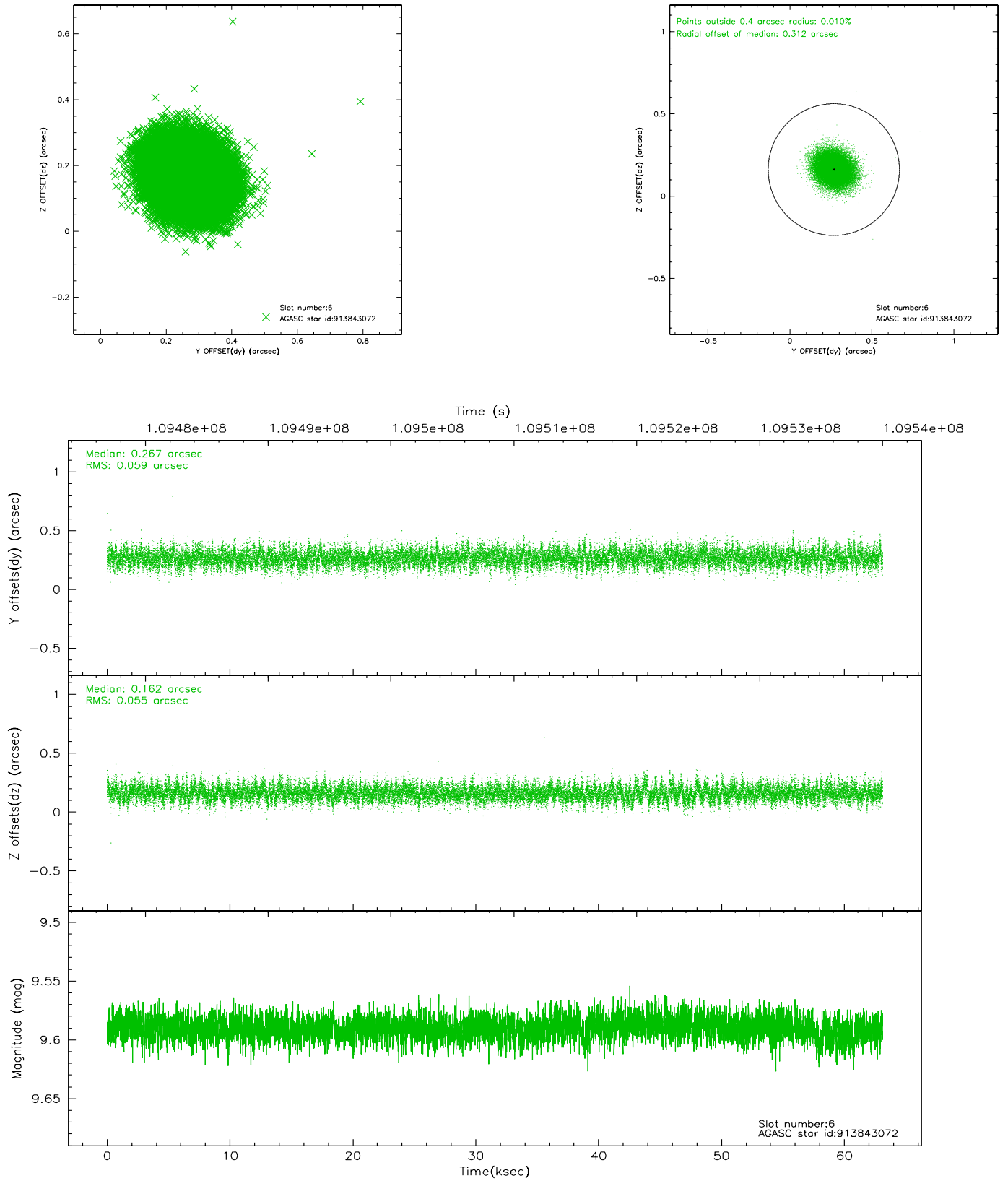
2.4.2 Slot 4



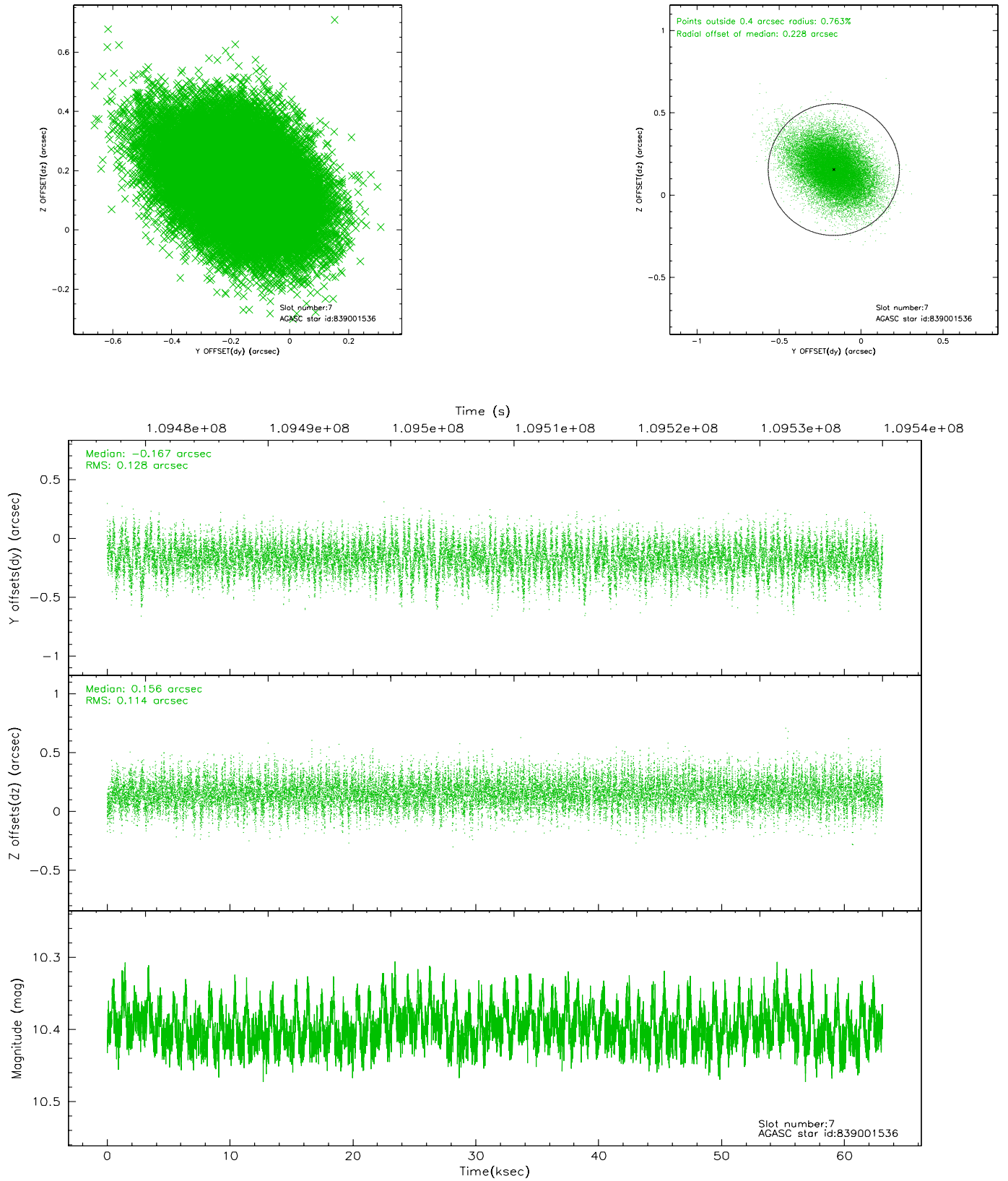
2.4.3 Slot 5



2.4.4 Slot 6

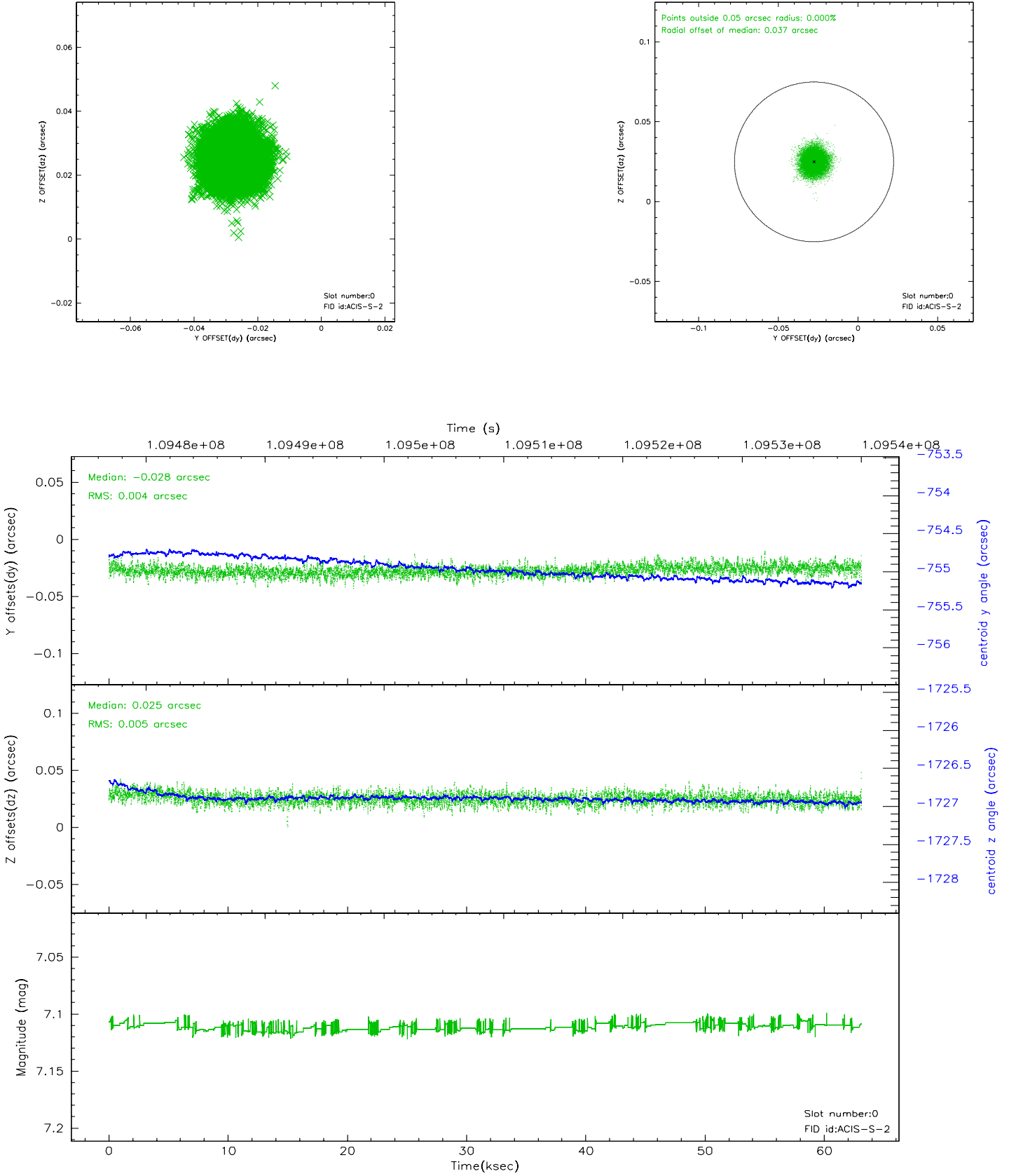


2.4.5 Slot 7

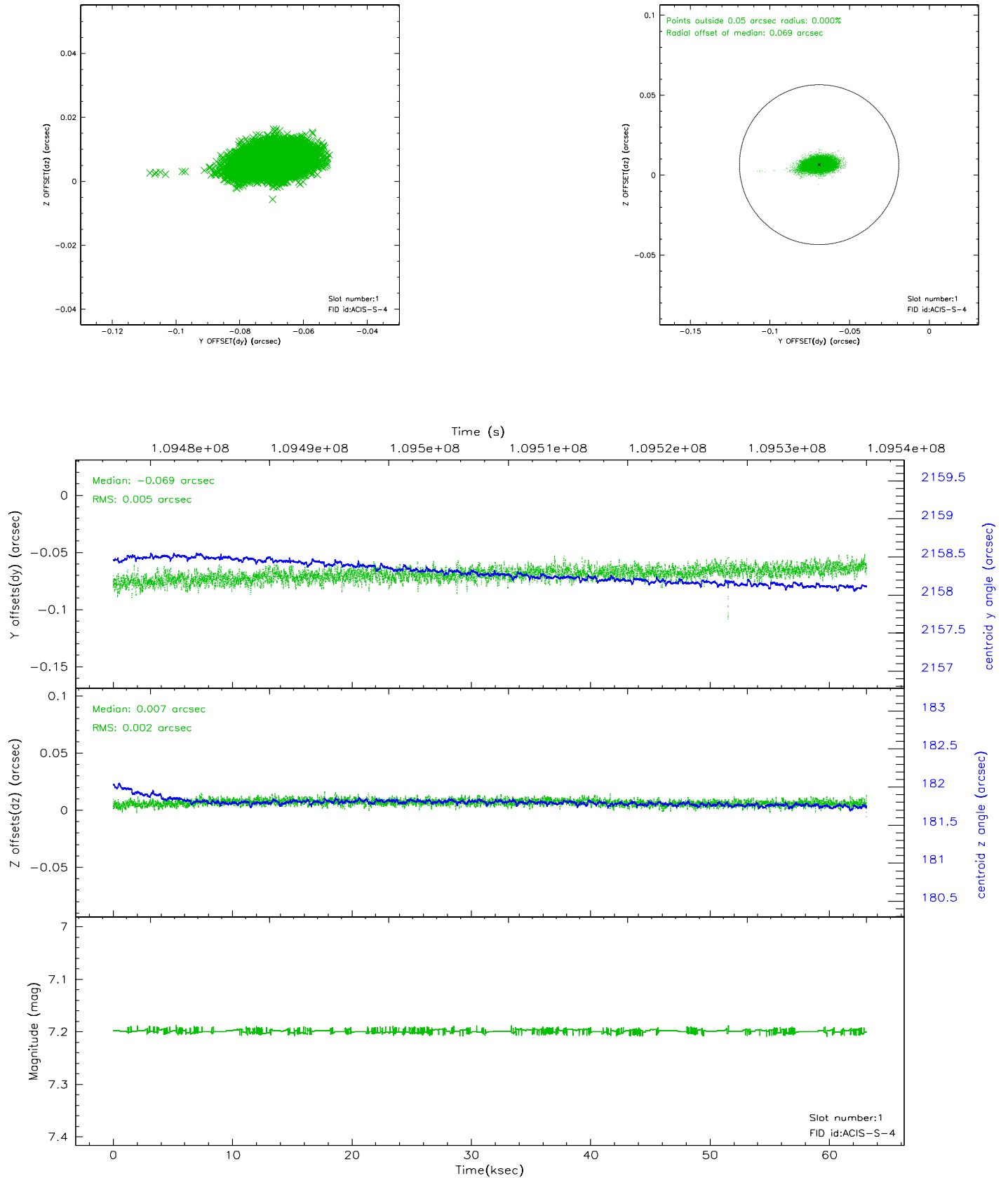


2.5 FID Slots

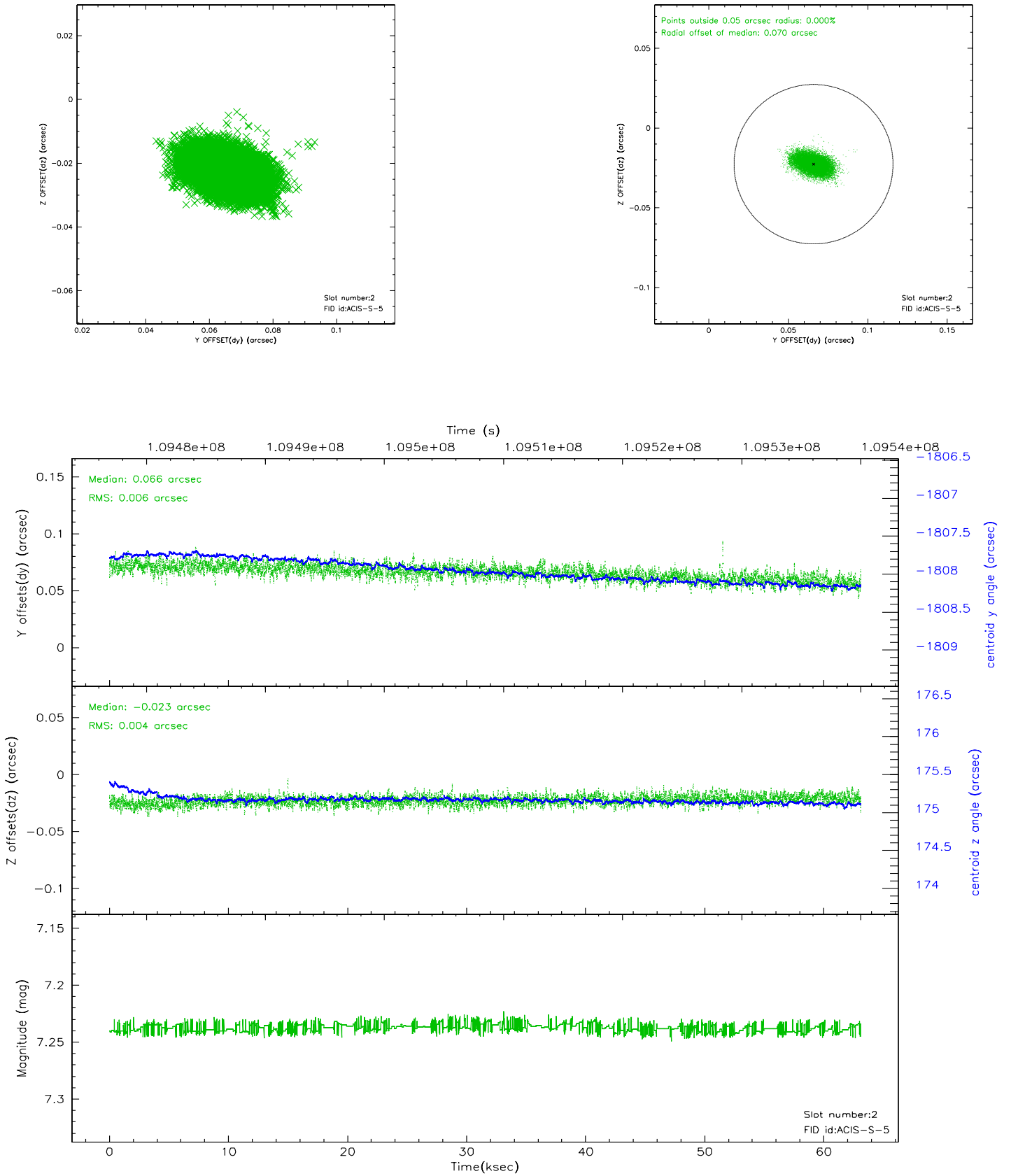
2.5.1 Slot 0



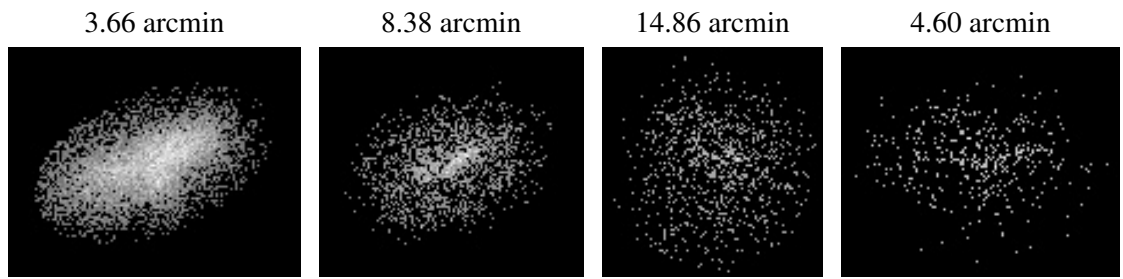
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	62.8

A.2 Comments