

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4233 - L2 Version 001
Chandra X-Ray Center

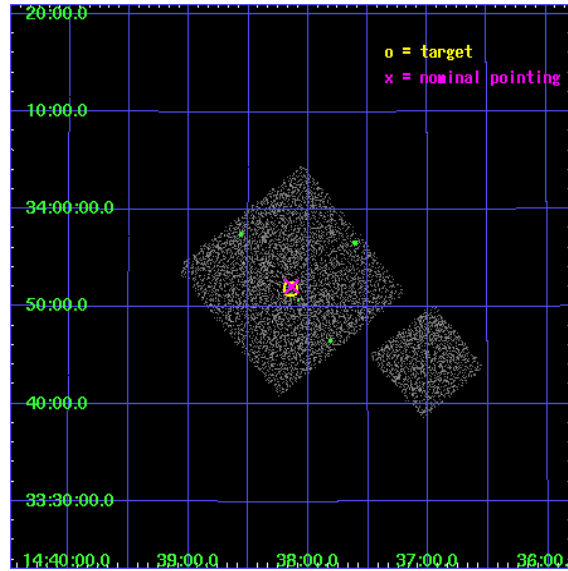
L2 Processing Date : Jul 30 2006

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

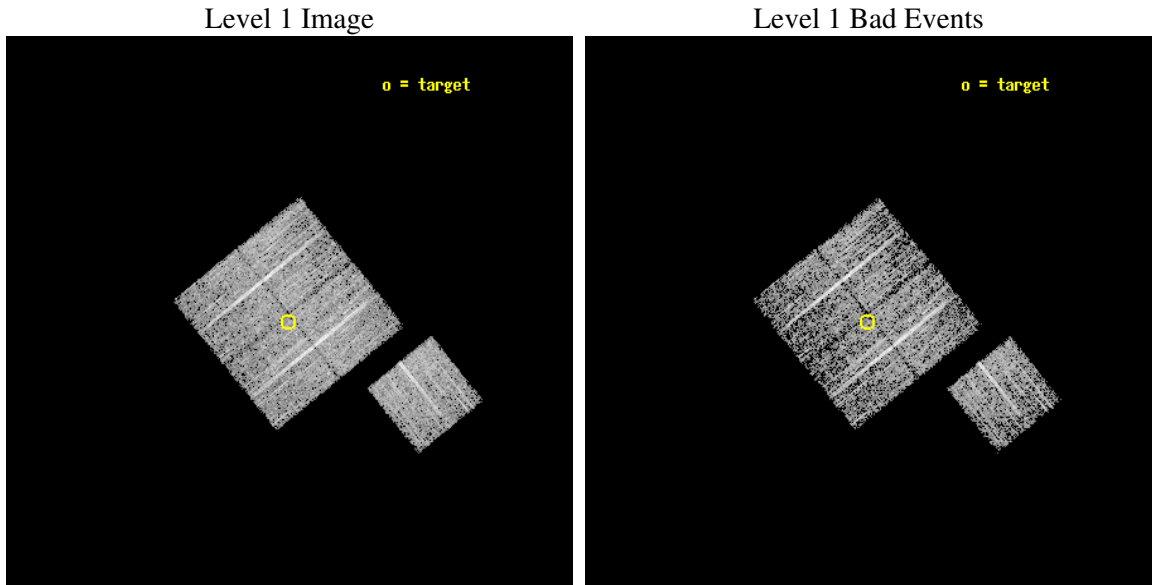
seq_num	900276
obs_id	4233
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS48
dtcycle	0
cycle	P
ra_targ	219.536665
dec_targ	33.864306
ra_nom	219.53403805823
dec_nom	33.868426847124
roll_nom	141.01015732648
revision	3
ontime	4674.7999910116
livetime	4613.7202875914
ontime0	4674.7999910116
ontime1	4674.7999910116
ontime2	4674.7999910116
ontime3	4674.7999910116
ontime6	4674.7999910116
l2events	9527



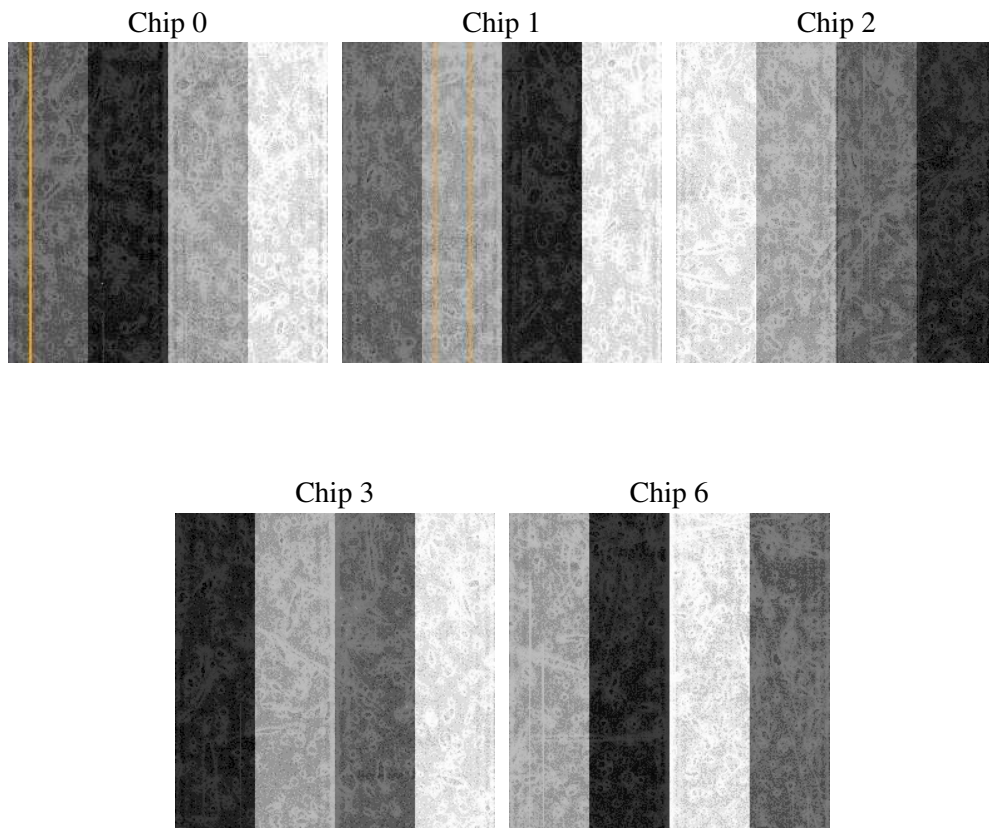
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-30T05:24:51
revision	3

sched_exp_time	4900.000000
ontime	4680.0996474922
ontime0	4680.0996474922
ontime1	4680.0996474922
ontime2	4680.0996474922
ontime3	4680.0996474922
ontime6	4680.0996773839
l1events	115019

2.1.4 Events

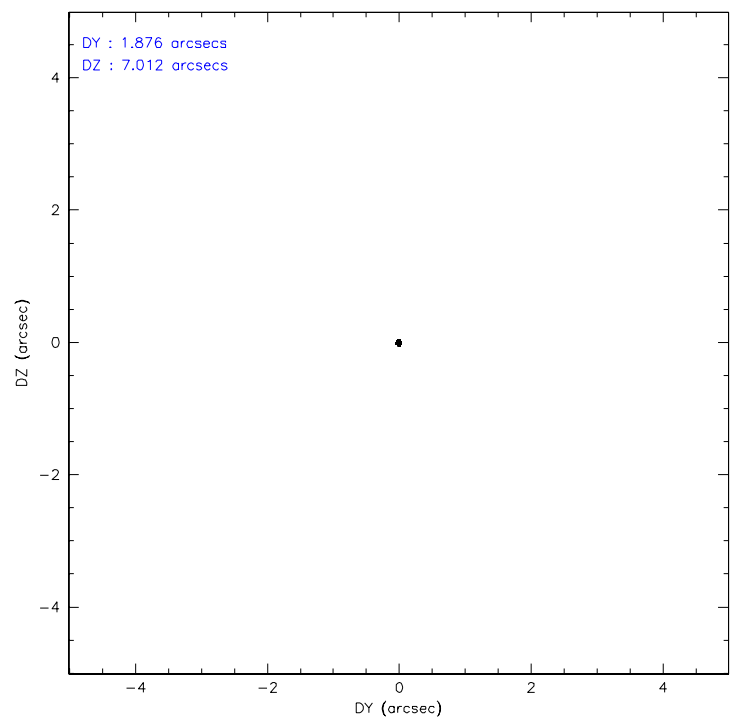
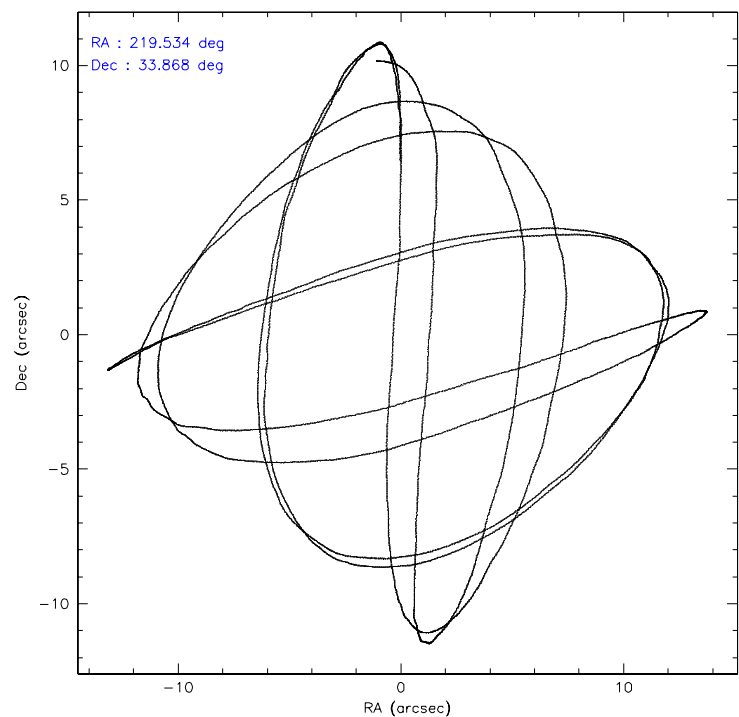
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23688	20864	24821	21635	24011
rejected events	21331	18300	22522	19414	21737
rejected %	90%	87%	90%	89%	90%

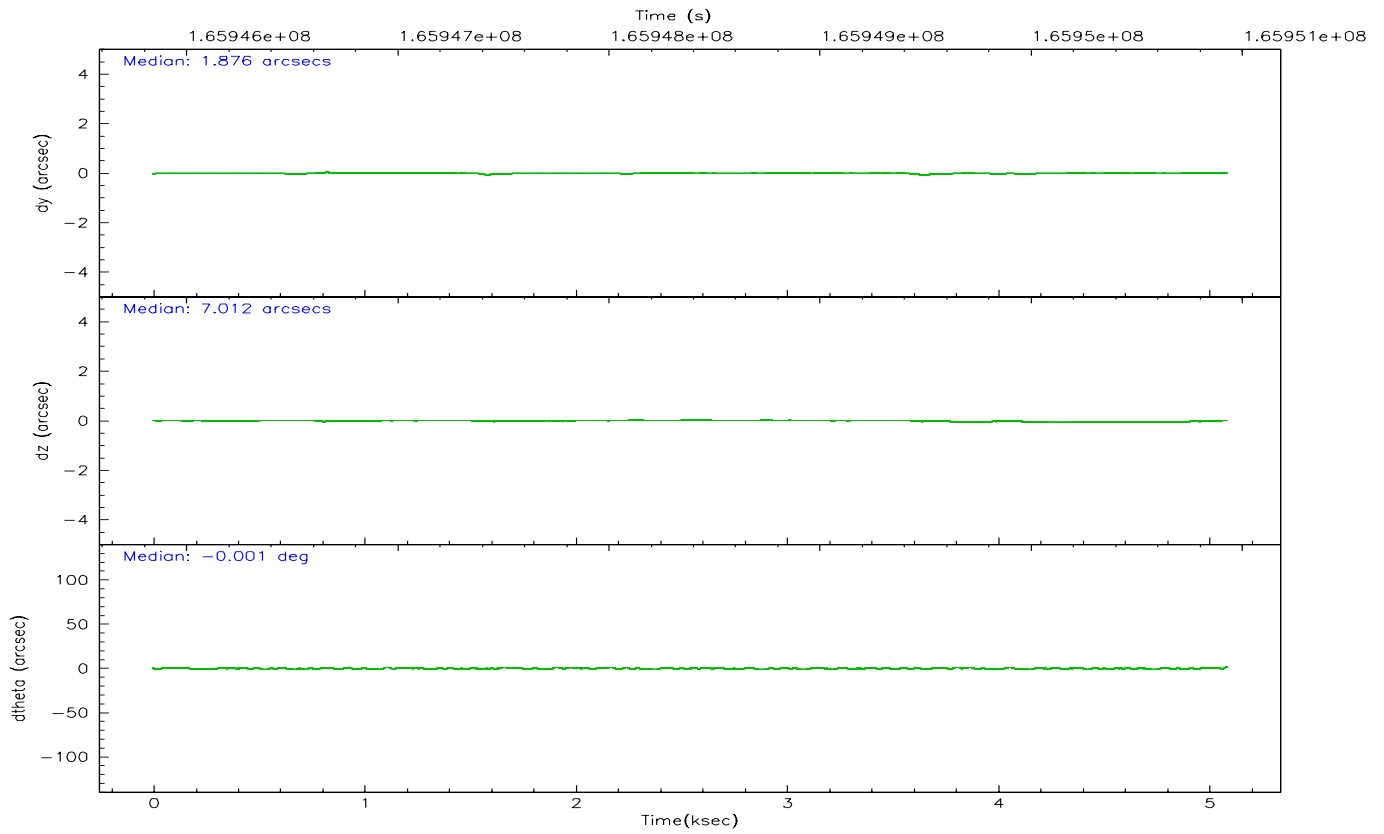
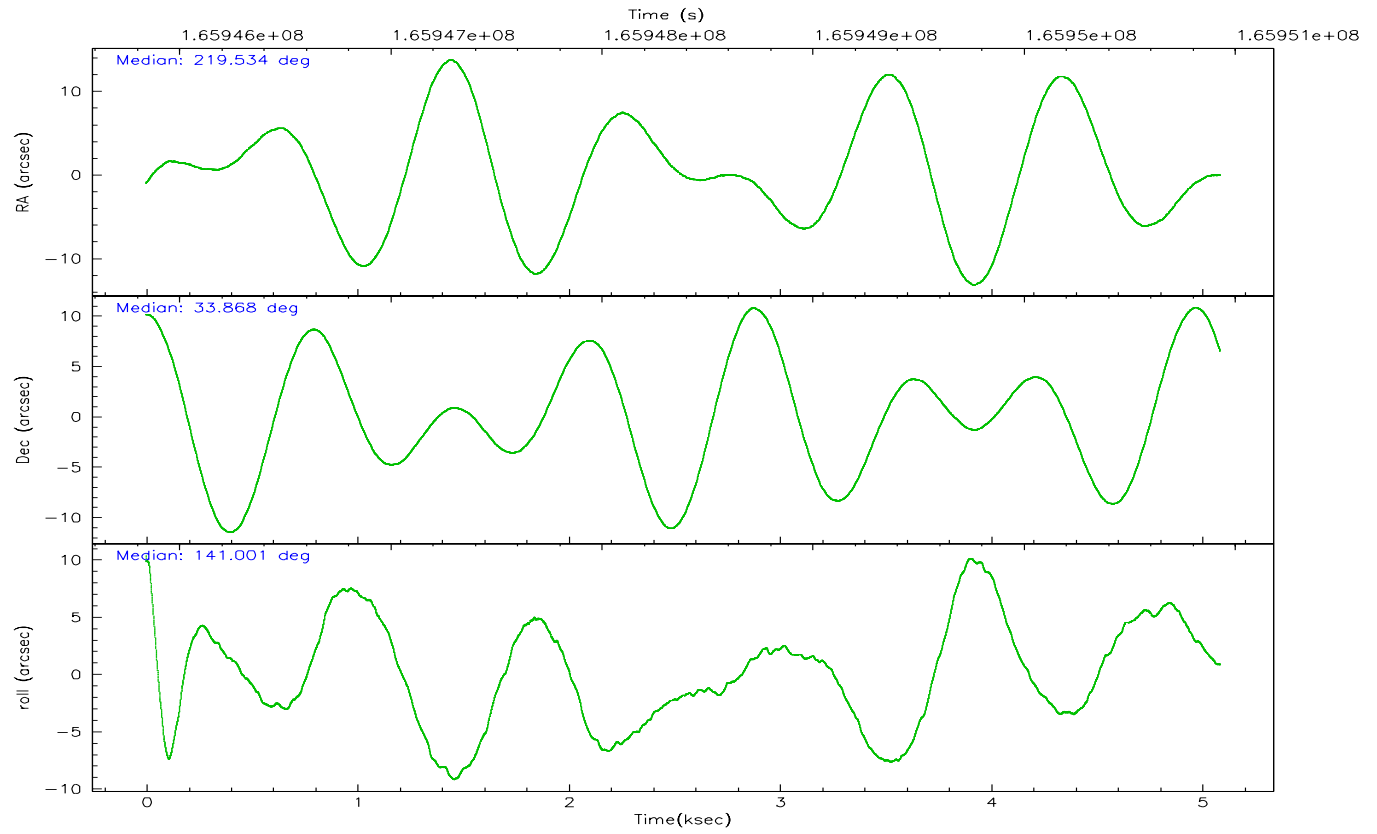
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	853	953	892	886	793
	3%	4%	3%	4%	3%
grade 1 events	10	17	12	12	11
	0%	0%	0%	0%	0%
grade 2 events	558	528	539	436	486
	2%	2%	2%	2%	2%
grade 3 events	262	341	255	272	273
	1%	1%	1%	1%	1%
grade 4 events	238	291	248	227	246
	1%	1%	0%	1%	1%
grade 5 events	751	769	629	767	756
	3%	3%	2%	3%	3%
grade 6 events	447	453	367	401	478
	1%	2%	1%	1%	1%
grade 7 events	20569	17512	21879	18634	20968
	86%	83%	88%	86%	87%

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	219.566627	219.5340380582338	Alternating exposures requested	N	N
Pointing Dec	33.864227	33.86842684712363	Primary exposure time	0.000000	3.1
Pointing Roll	140.783304	141.010157326483			
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	165946022.184000	165945645.77336			
Observation start date	2003-04-05T16:05:58	2003-04-05T16:00:45			
Observation end time	165950922.184000	165951055.72359			
Observation end date	2003-04-05T17:27:38	2003-04-05T17:30:55			
Read mode	TIMED	TIMED			

2.3 Aspect



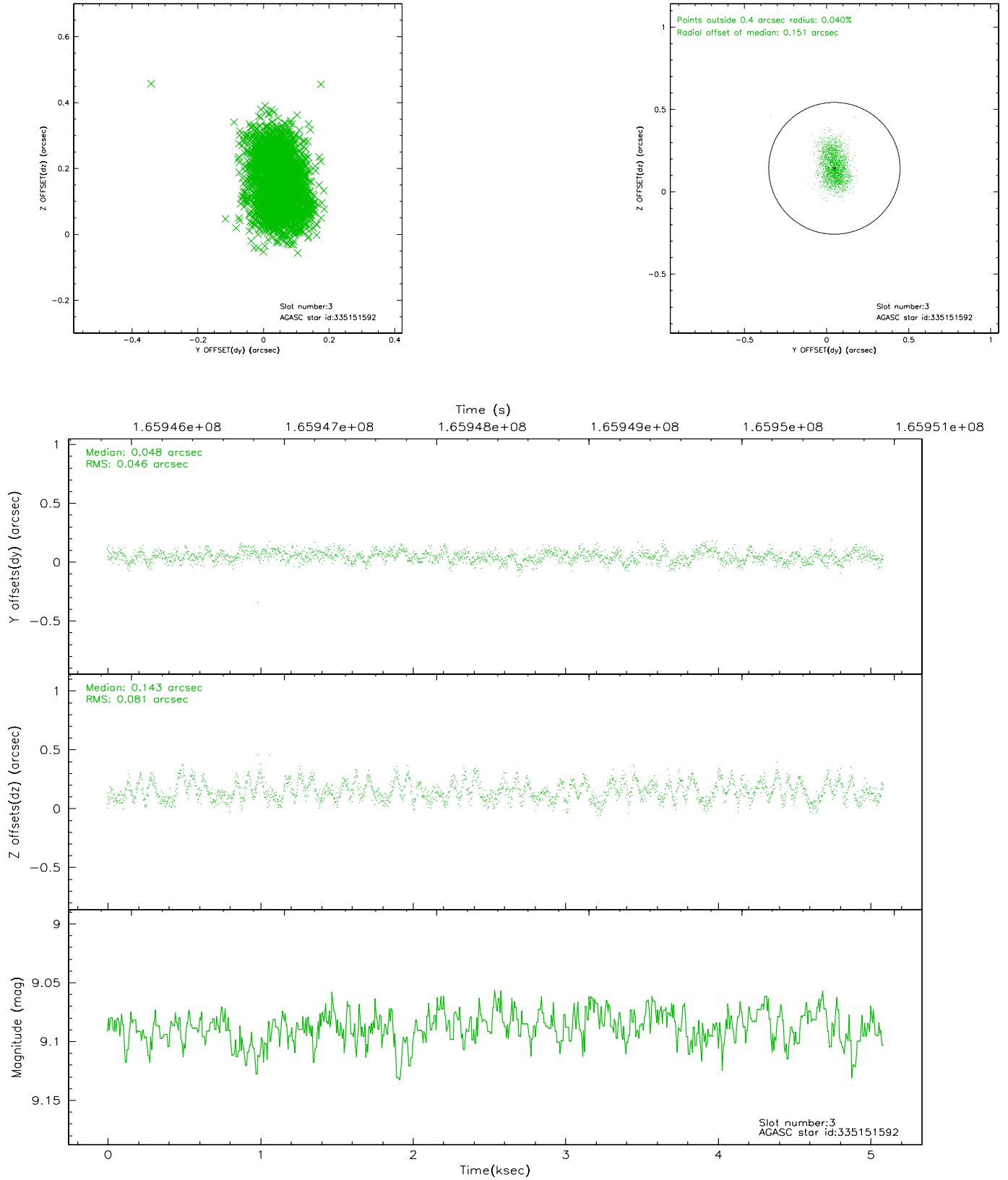


Slot Statistics

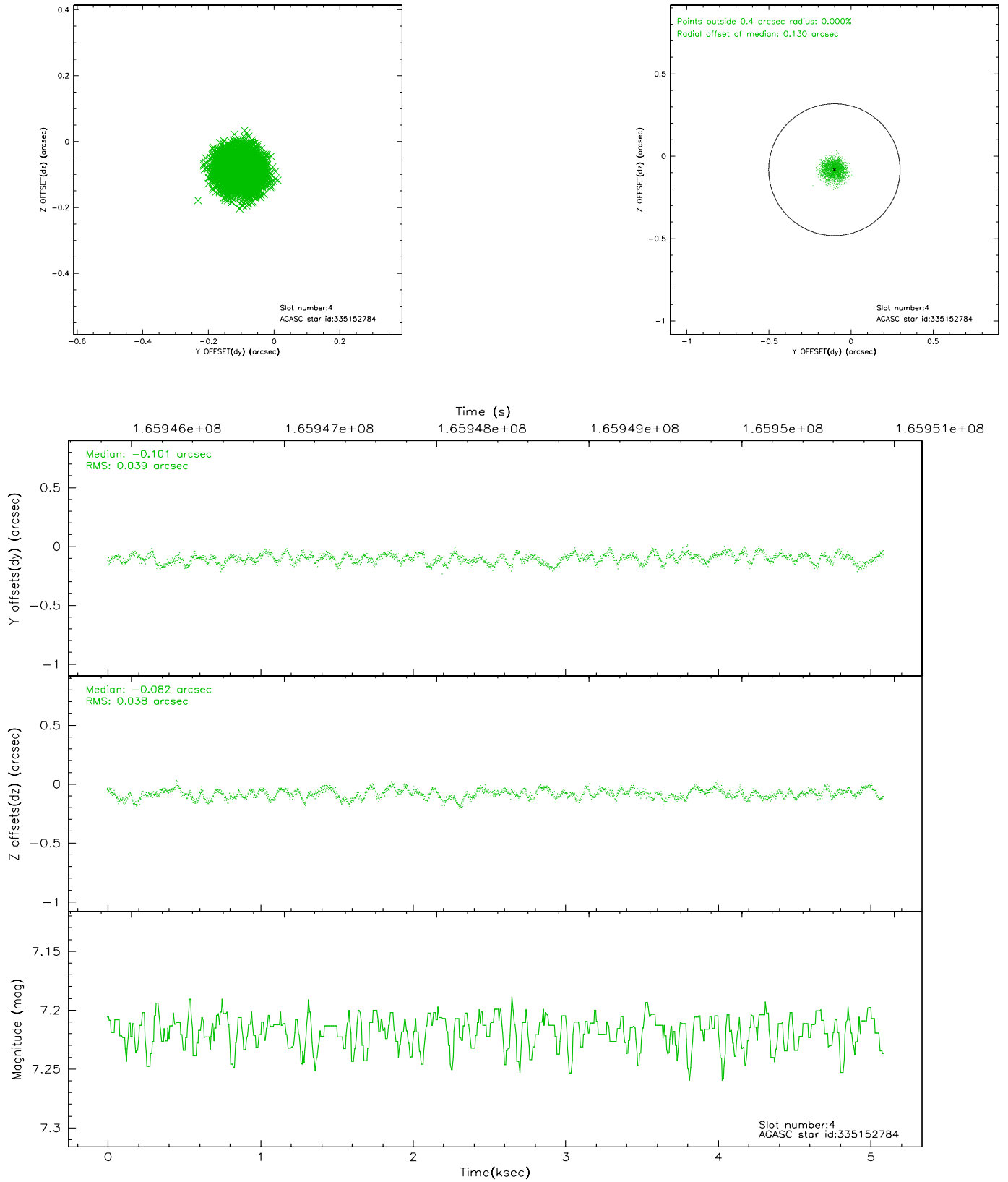
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1241	-0.011	0.038	0.006	0.009	0.000000	0.000000	937.92	-830.38
1	FID	ACIS-I-5	7.24	1241	-0.046	0.045	0.006	0.009	0.000000	0.000000	-1809.51	1066.58
2	FID	ACIS-I-6	7.26	1241	-0.034	-0.012	0.007	0.011	0.000000	0.000000	402.21	1712.33
3	GUIDE	335151592	9.09	2482	0.048	0.143	0.099	0.162	220.179561	34.279746	-462.93	-2315.59
4	GUIDE	335152784	7.22	2482	-0.101	-0.082	0.059	0.089	219.280617	33.678221	240.72	1058.93
5	GUIDE	335154960	9.56	2482	0.086	-0.109	0.116	0.181	219.209961	33.303073	-445.34	2242.62
6	GUIDE	335155824	8.93	2479	-0.003	0.073	0.062	0.100	219.689900	34.035435	104.90	-708.95
7	GUIDE	335157088	9.09	2482	-0.027	-0.033	0.073	0.119	219.274029	33.726909	366.85	935.96

2.4 Star Slots

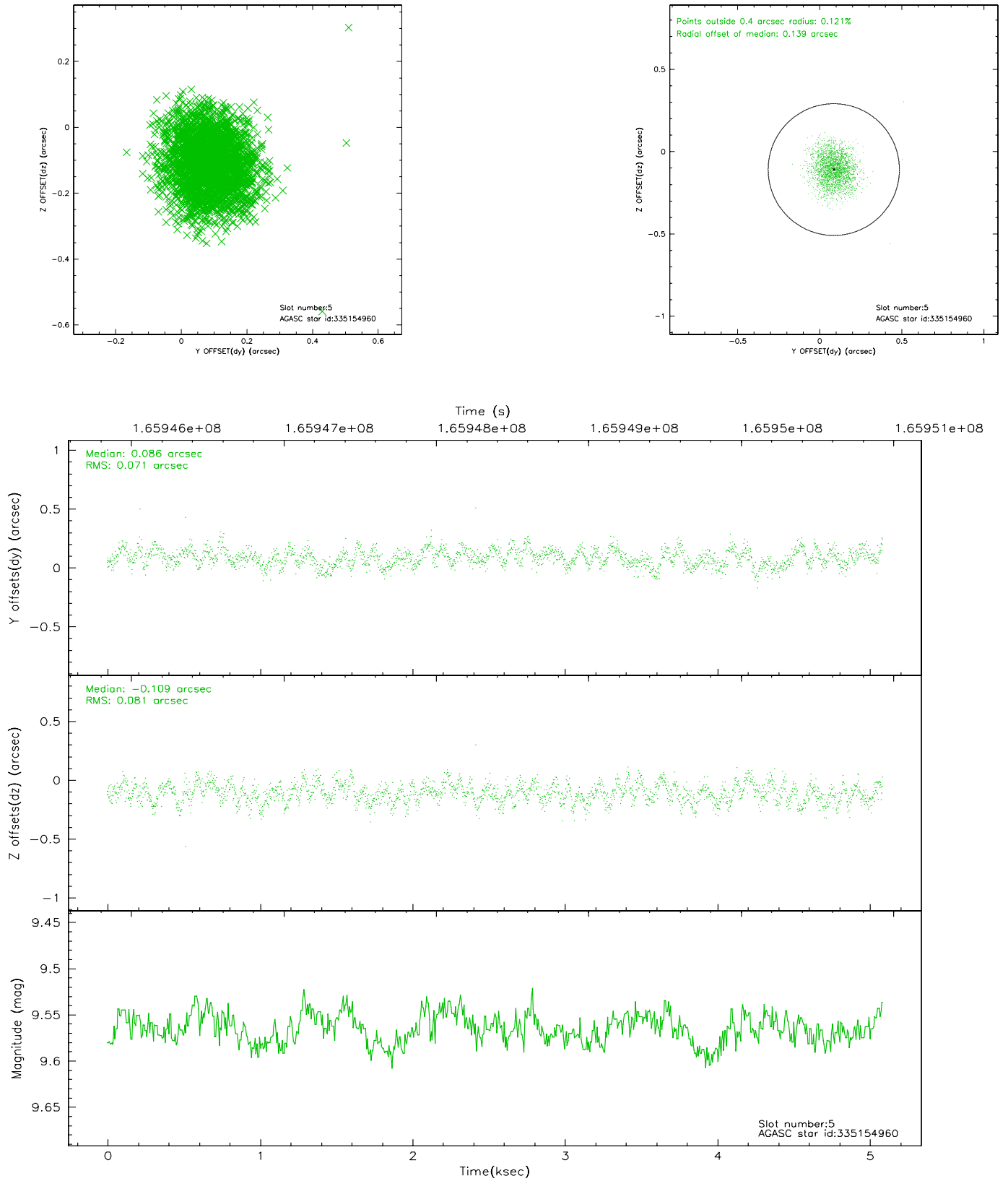
2.4.1 Slot 3



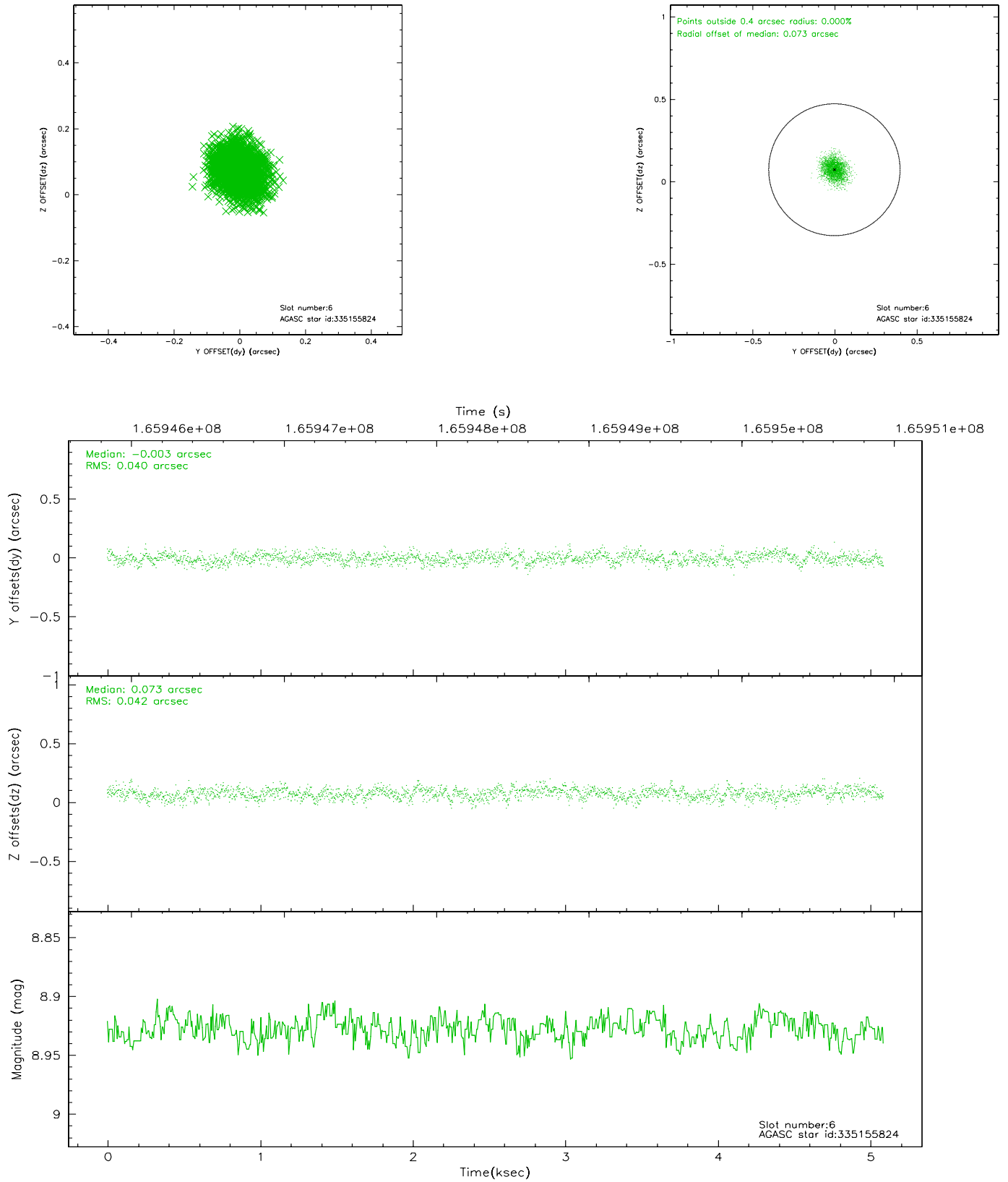
2.4.2 Slot 4



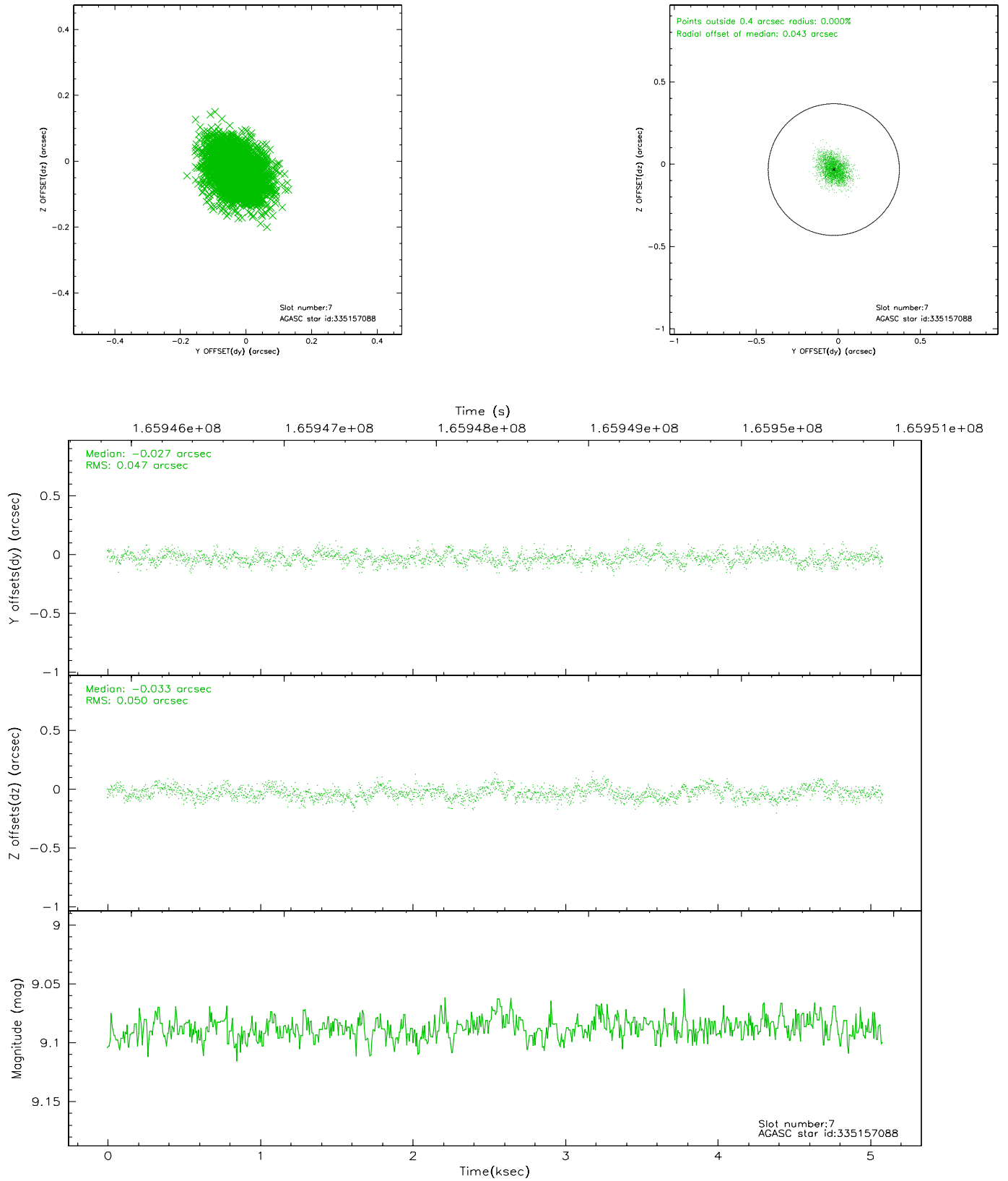
2.4.3 Slot 5



2.4.4 Slot 6

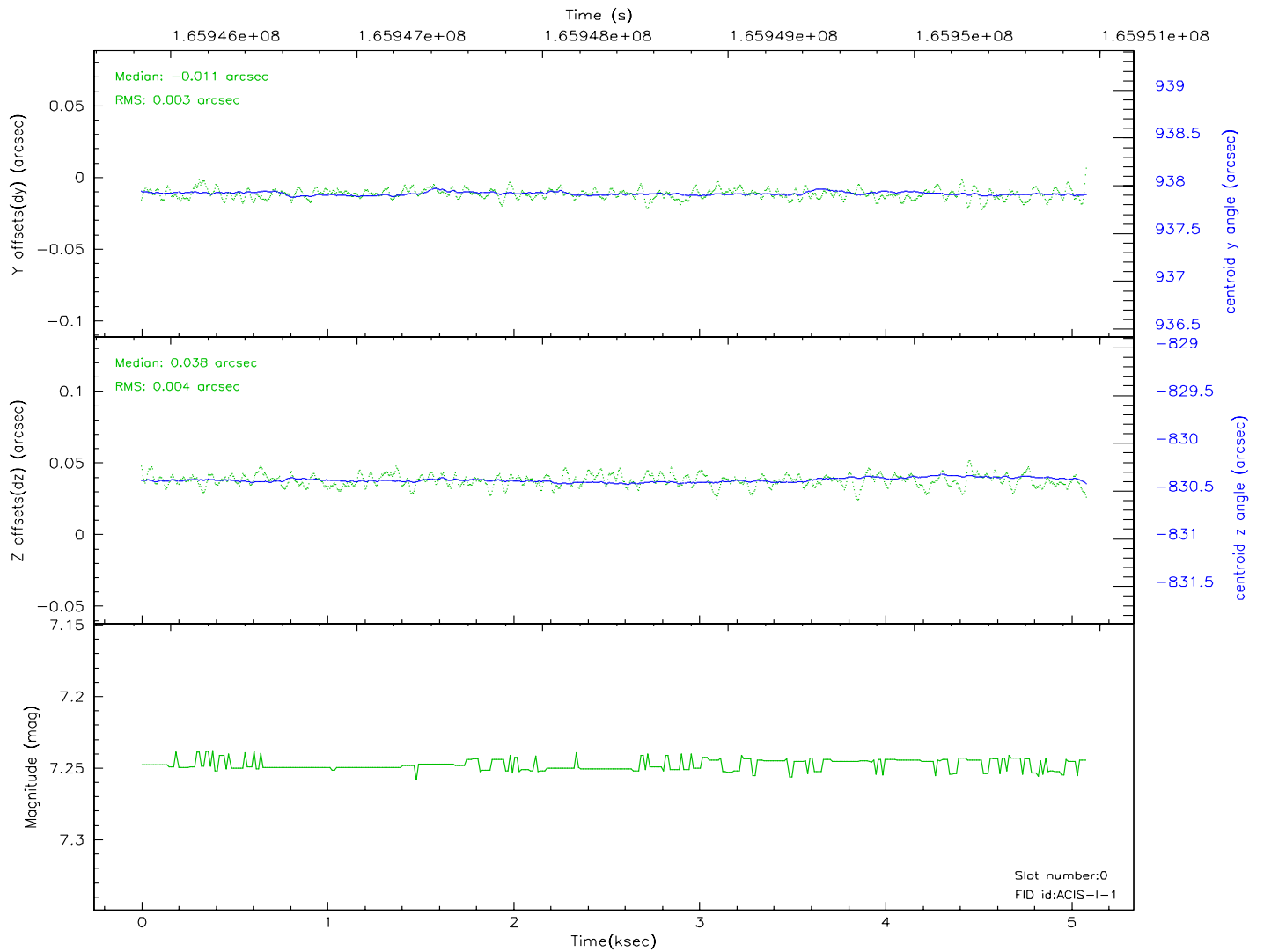
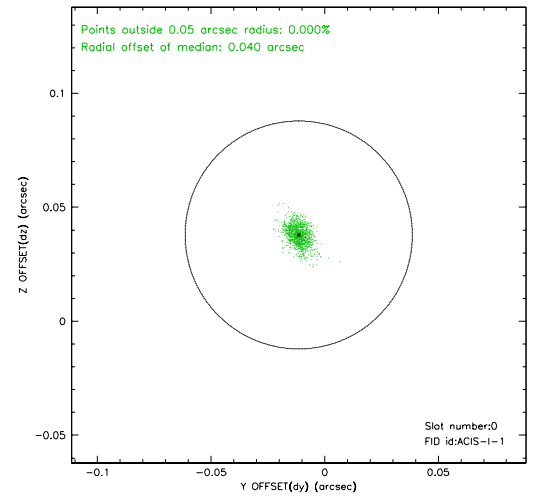
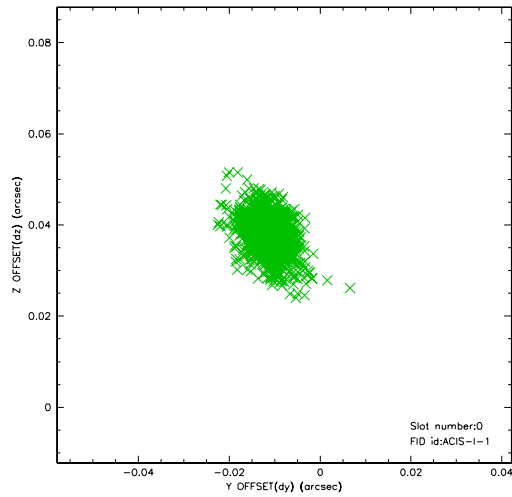


2.4.5 Slot 7

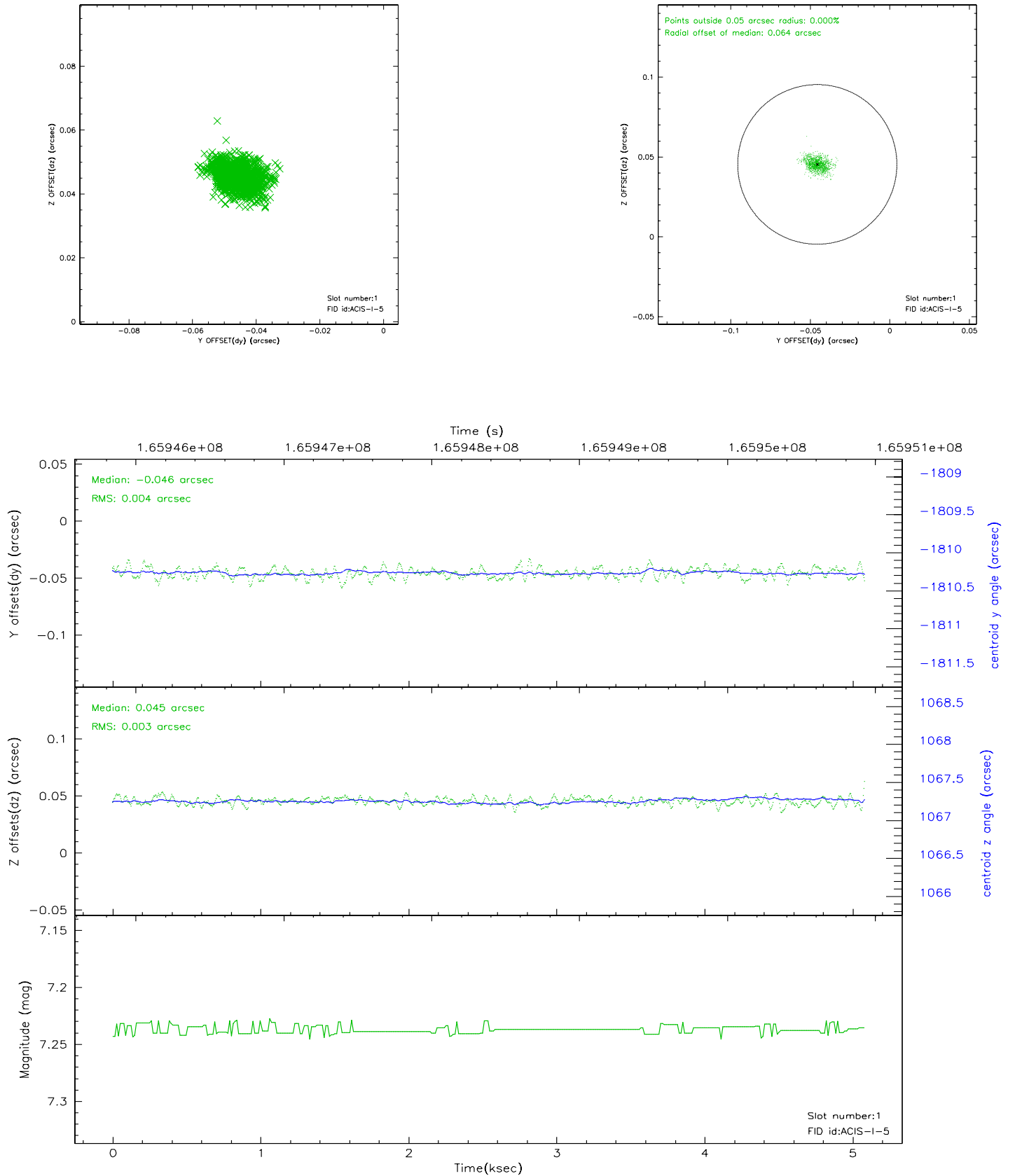


2.5 FID Slots

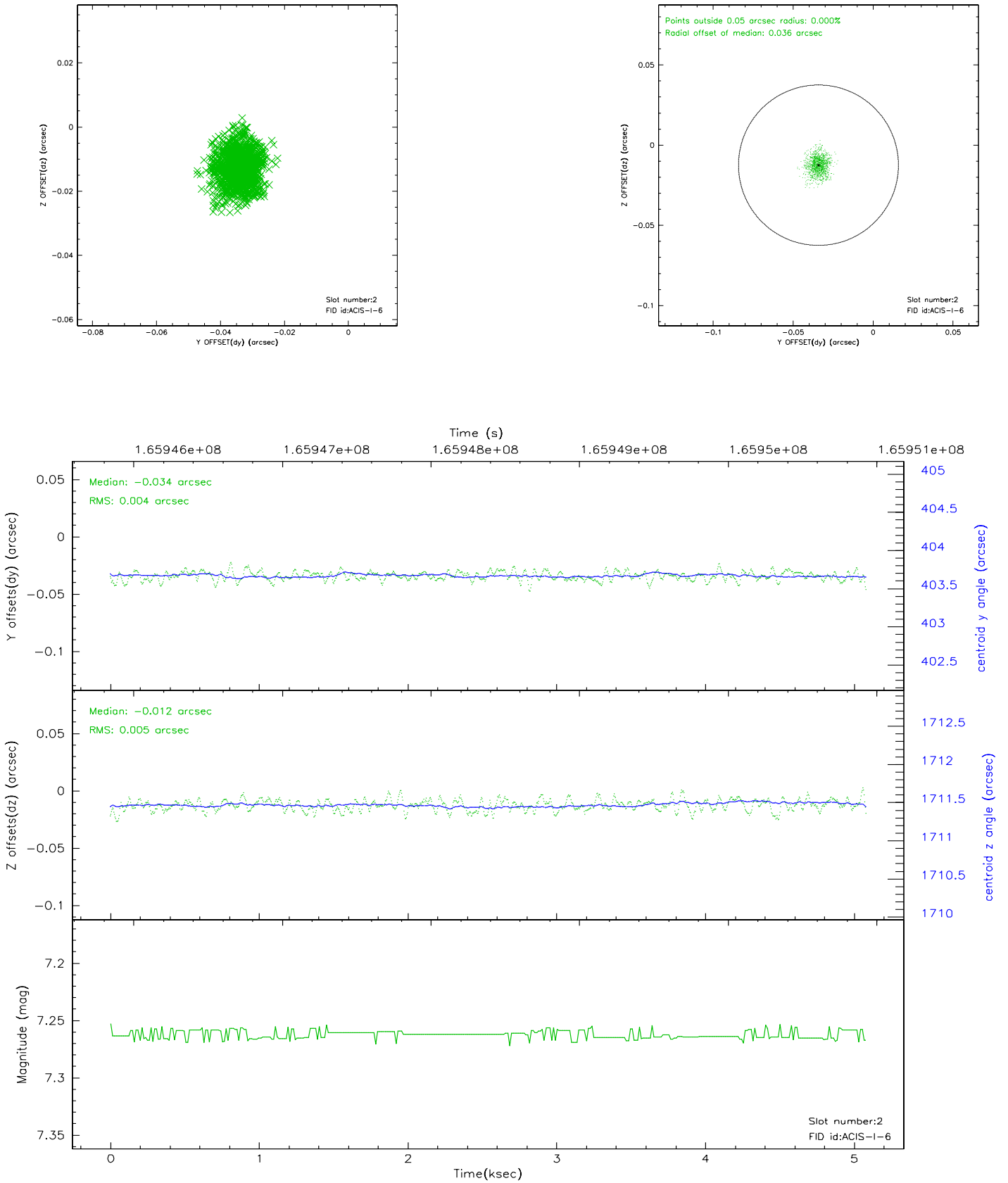
2.5.1 Slot 0



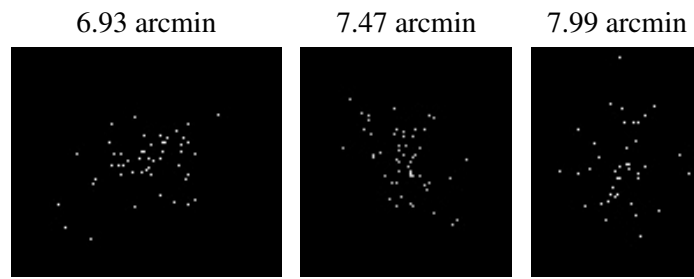
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.675

A.2 Comments