

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4198 - L2 Version 001
Chandra X-Ray Center

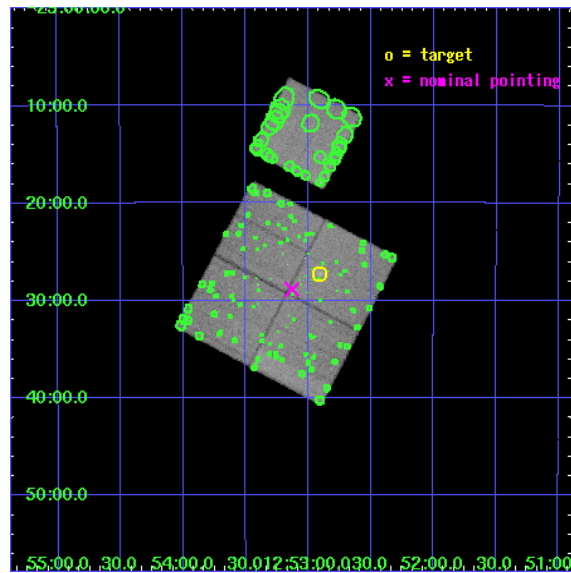
L2 Processing Date : Jul 25 2006

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1 Front

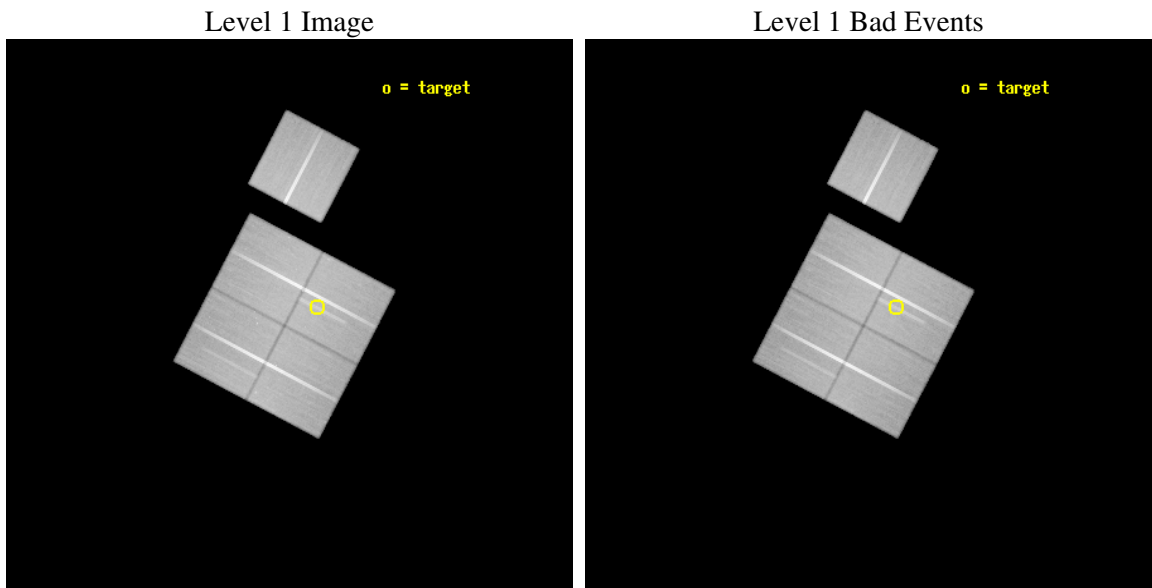
seq_num	800354
obs_id	4198
title	THE PHYSICAL PROPERTIES OF A MASSIVE CLUSTER AT Z=1.235
observer	DR. PIERO ROSATI
object	RDCS1252-29
dtcycle	0
cycle	P
ra_targ	193.227083
dec_targ	-29.455
ra_nom	193.28297636423
dec_nom	-29.48147584336
roll_nom	27.736188836414
revision	2
ontime	165579.8897894
livetime	163416.46663116
ontime0	165576.74873942
ontime1	165592.45383996
ontime2	165576.74886894
ontime3	165579.8897894
ontime6	165586.17177984
l2events	373952



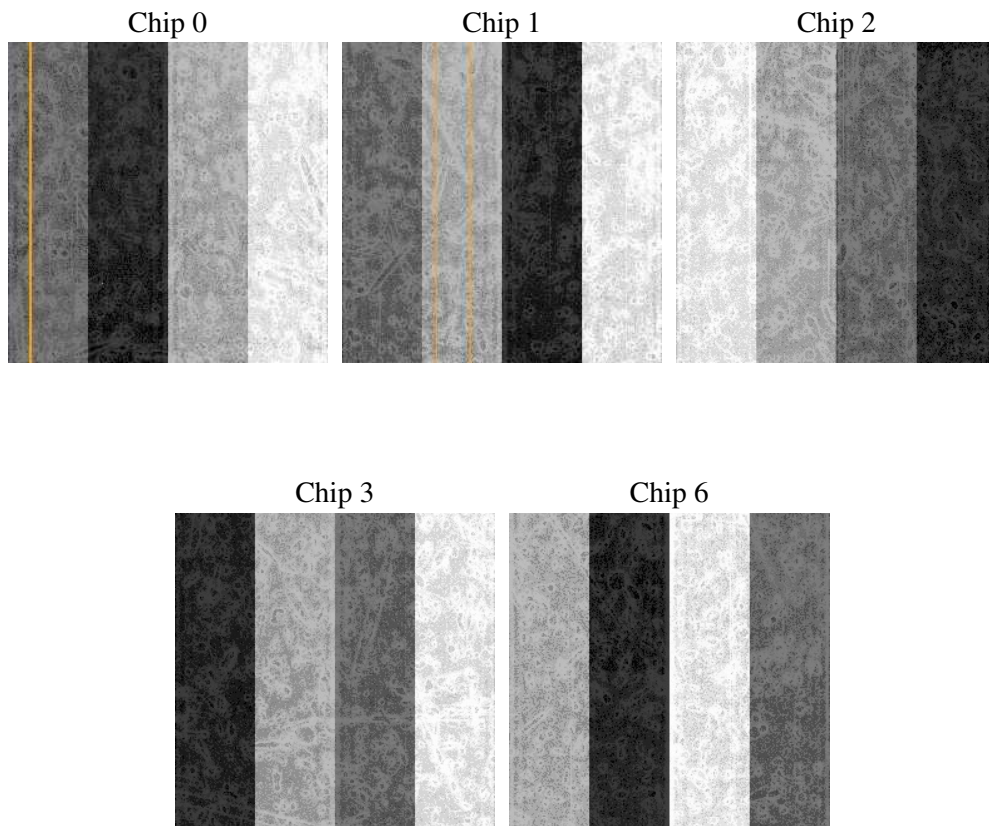
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-25T20:02:12
revision	2

sched_exp_time	165462.940000
ontime	166005.61161521
ontime0	166005.61156538
ontime1	166021.31666592
ontime2	166002.47067484
ontime3	166005.61161521
ontime6	166015.03462574
l1events	4308344

2.1.4 Events

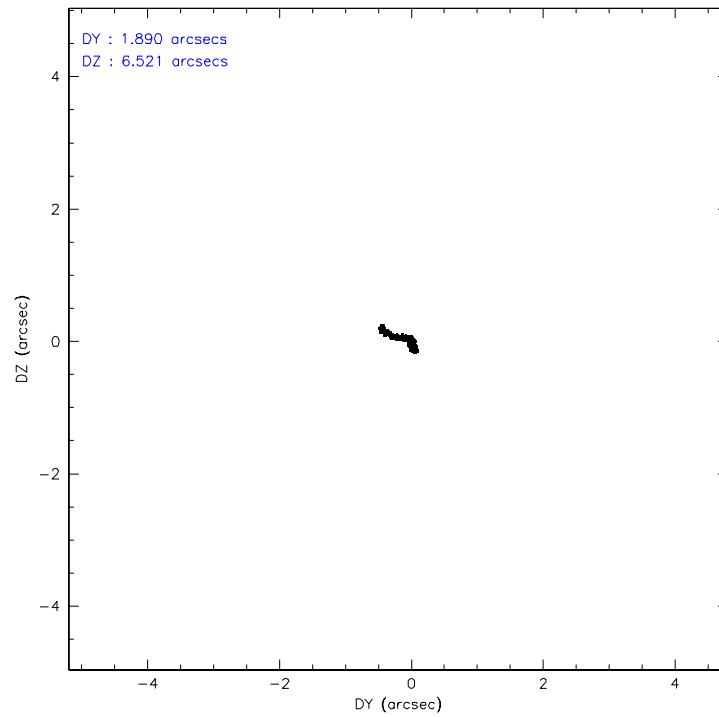
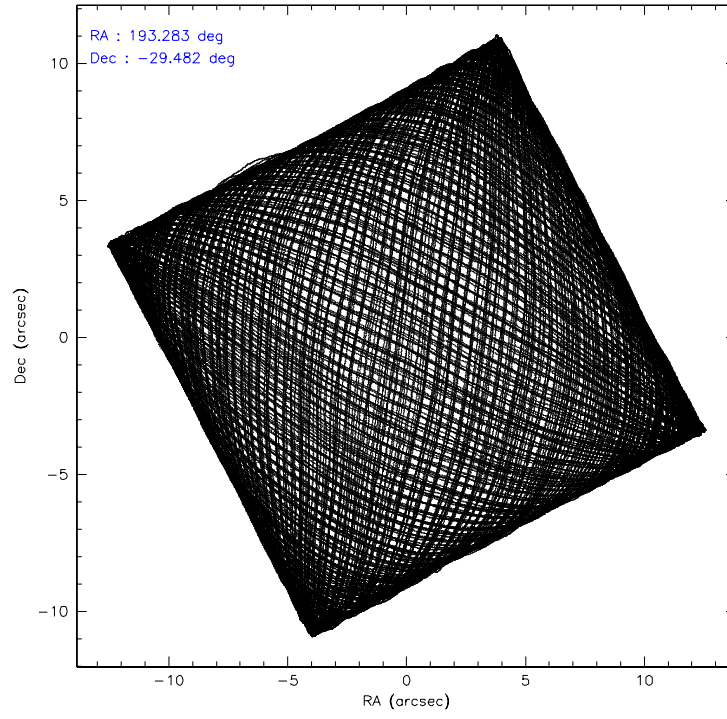
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	805859	828905	909049	879374	885157
rejected events	718559	730483	821878	795952	793707
rejected %	89%	88%	90%	90%	89%

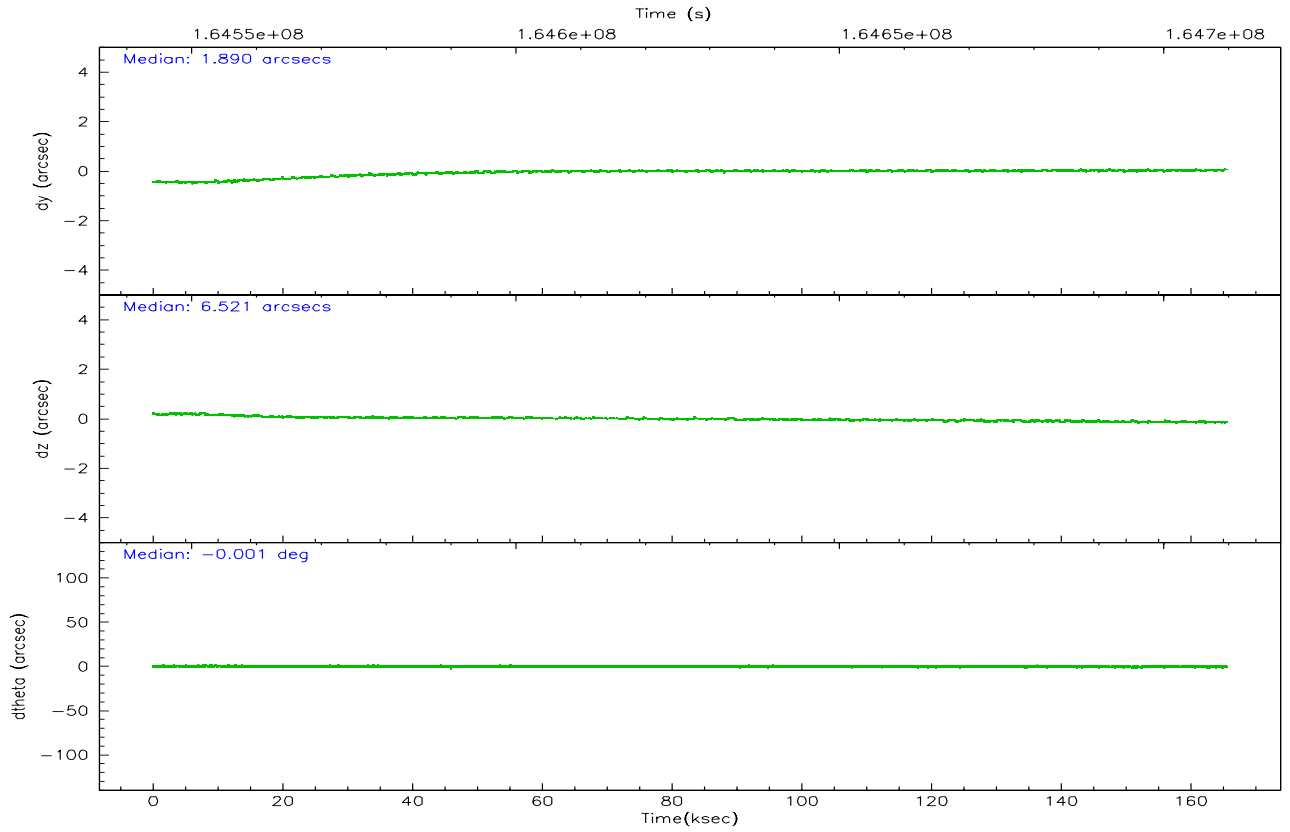
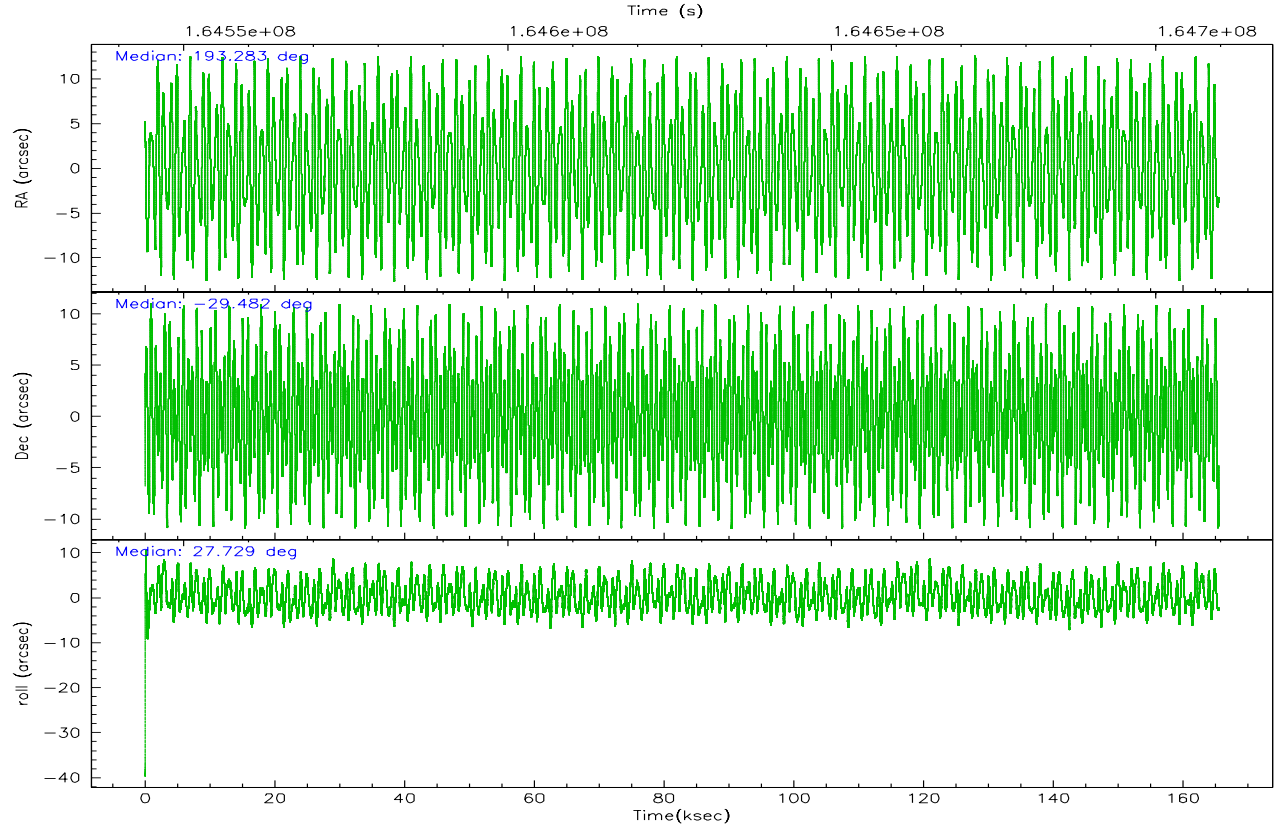
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	31429	36993	32879	30623	33832
	3%	4%	3%	3%	3%
grade 1 events	407	363	454	439	372
	0%	0%	0%	0%	0%
grade 2 events	19742	20533	19711	17347	19001
	2%	2%	2%	1%	2%
grade 3 events	10234	11055	9717	9720	10194
	1%	1%	1%	1%	1%
grade 4 events	9564	10953	9483	9670	10254
	1%	1%	1%	1%	1%
grade 5 events	29687	32003	28166	33411	33643
	3%	3%	3%	3%	3%
grade 6 events	16594	19186	15605	16290	18654
	2%	2%	1%	1%	2%
grade 7 events	688202	697819	793034	761874	759207
	85%	84%	87%	86%	85%

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	193.266300	193.2829763642275	Alternating exposures requested	N	N
Pointing Dec	-29.504681	-29.48147584336039	Primary exposure time	0.000000	3.1
Pointing Roll	27.519294	27.73618883641375			
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	164544265.184000	164543078.76422			
Observation start date	2003-03-20T10:43:21	2003-03-20T10:24:38			
Observation end time	164709728.184000	164710043.07126			
Observation end date	2003-03-22T08:41:04	2003-03-22T08:47:23			
Read mode	TIMED	TIMED			

2.3 Aspect



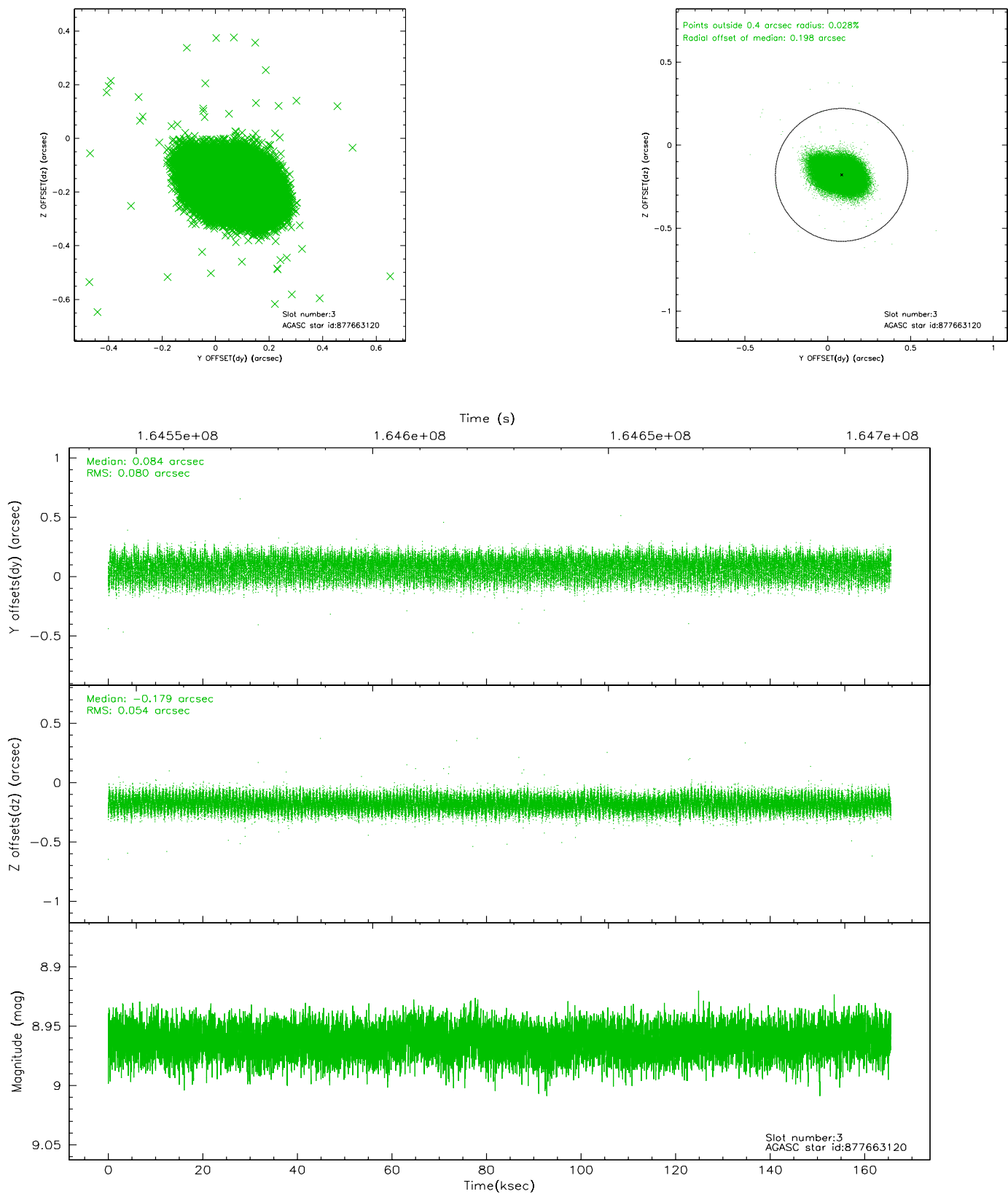


Slot Statistics

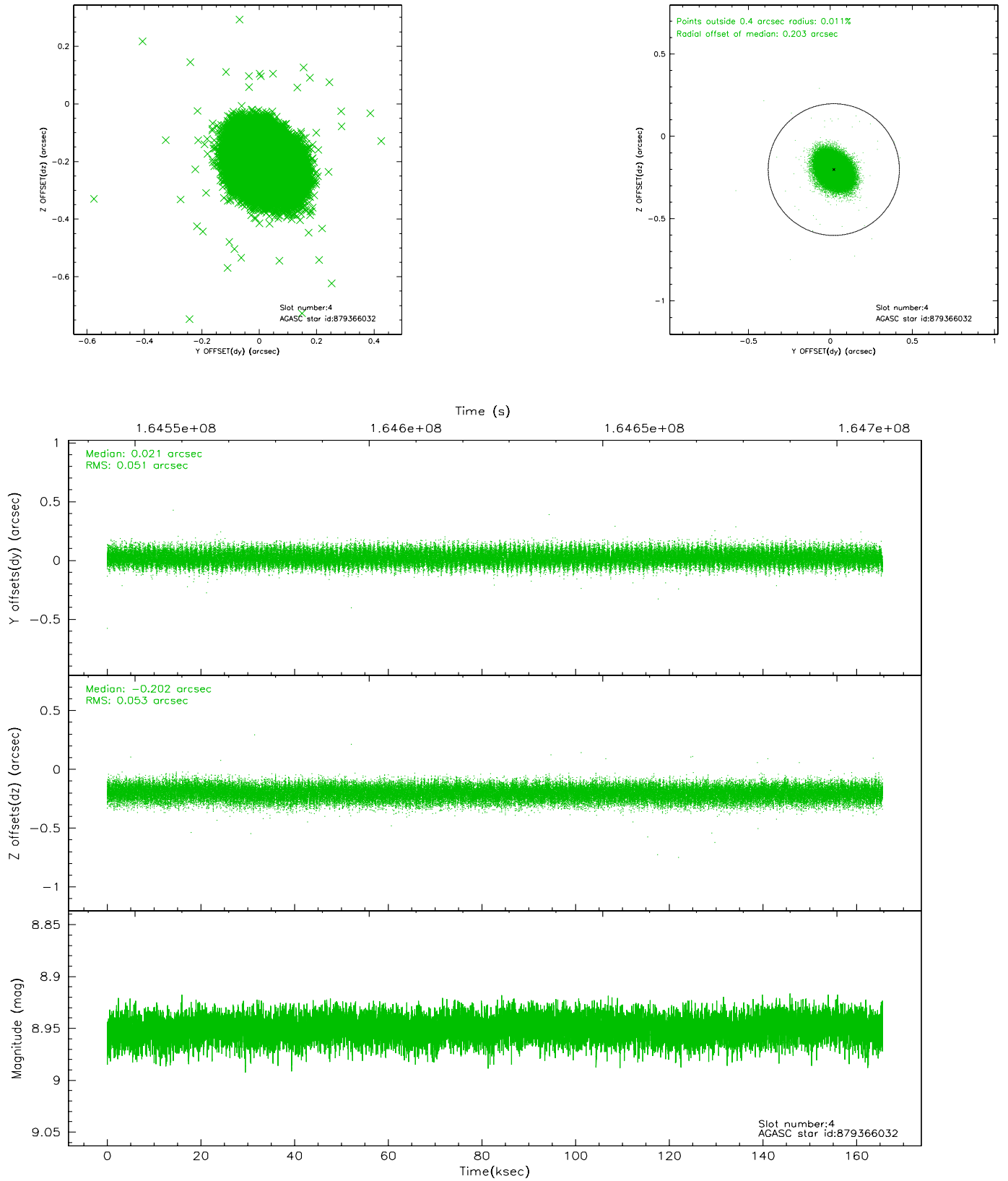
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	40393	-0.018	0.033	0.007	0.017	0.000000	0.000000	937.97	-829.89
1	FID	ACIS-I-5	7.24	40392	-0.036	0.039	0.008	0.024	0.000000	0.000000	-1810.19	1067.72
2	FID	ACIS-I-6	7.26	40395	-0.037	-0.001	0.008	0.015	0.000000	0.000000	403.67	1712.01
3	GUIDE	877663120	8.96	80766	0.084	-0.179	0.102	0.165	192.452481	-29.165475	-1708.88	2256.73
4	GUIDE	879366032	8.95	80753	0.021	-0.202	0.078	0.127	192.835243	-28.983192	-338.01	2289.86
5	GUIDE	950012928	9.29	80739	-0.040	0.259	0.095	0.148	193.270436	-30.070871	-930.09	-1813.42
6	GUIDE	879362752	9.54	80722	-0.005	0.003	0.101	0.162	193.491429	-28.667924	2022.02	2342.58
7	GUIDE	879368072	9.31	80726	-0.055	0.123	0.079	0.130	193.665252	-29.406383	1272.24	-265.83

2.4 Star Slots

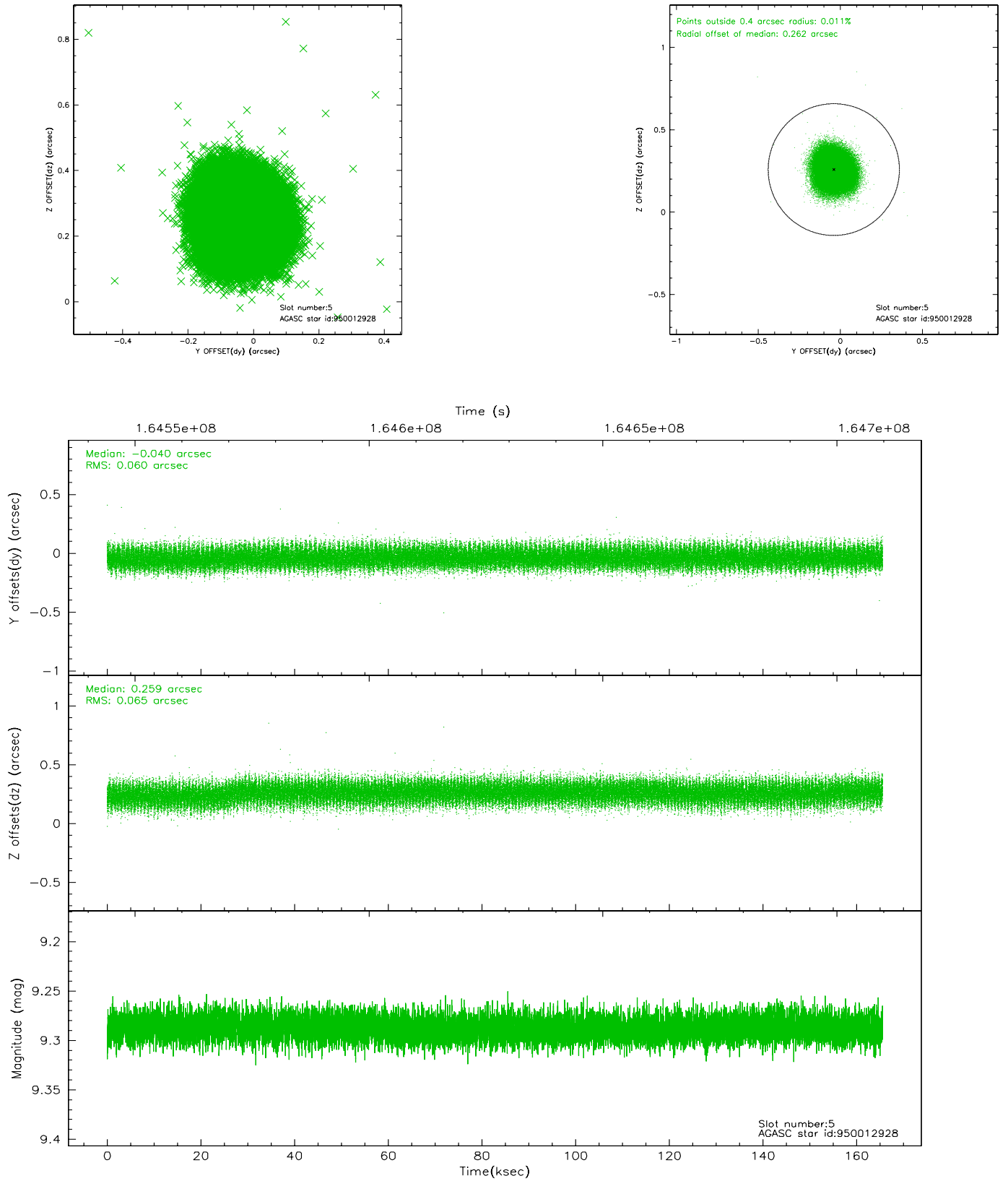
2.4.1 Slot 3



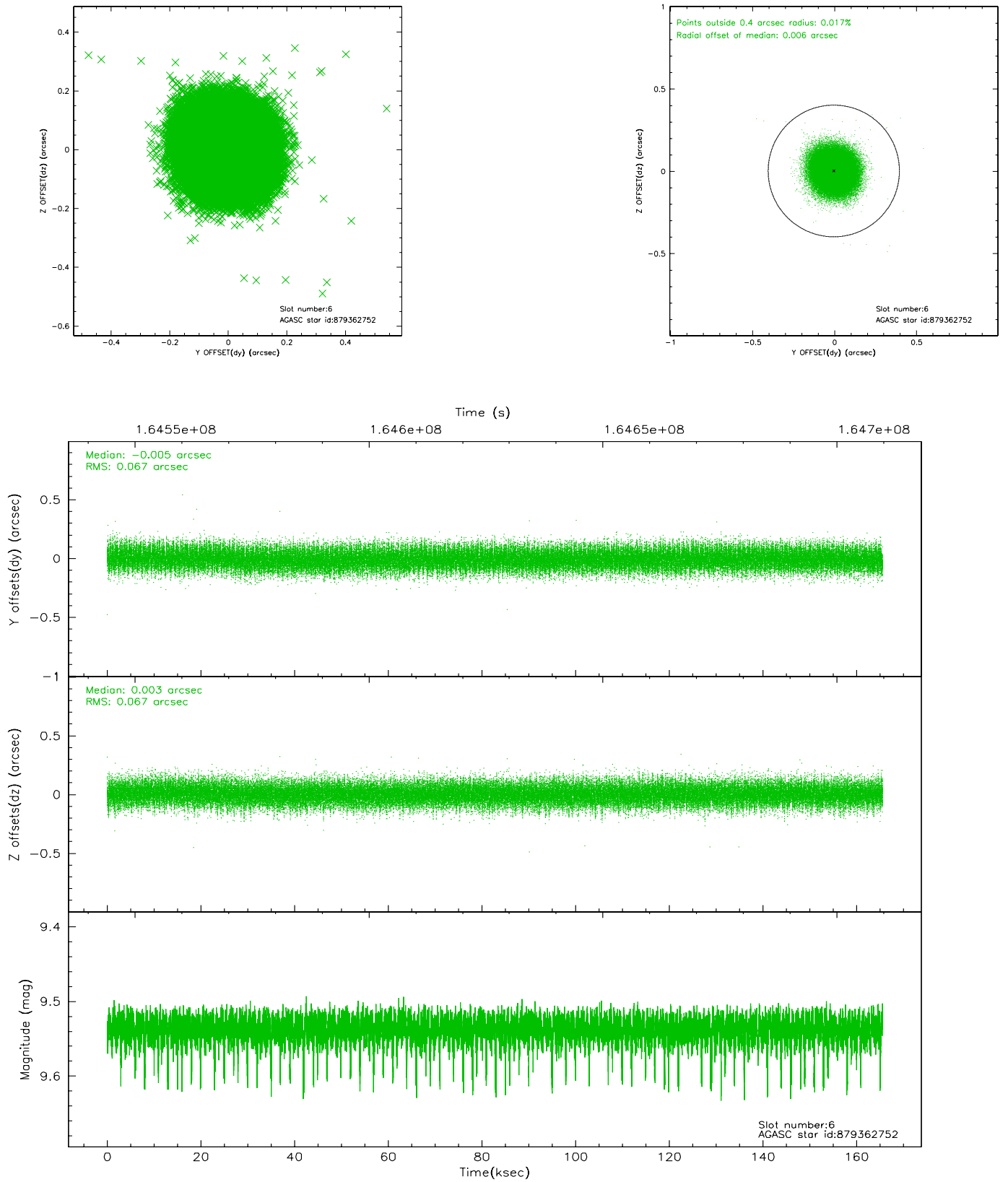
2.4.2 Slot 4



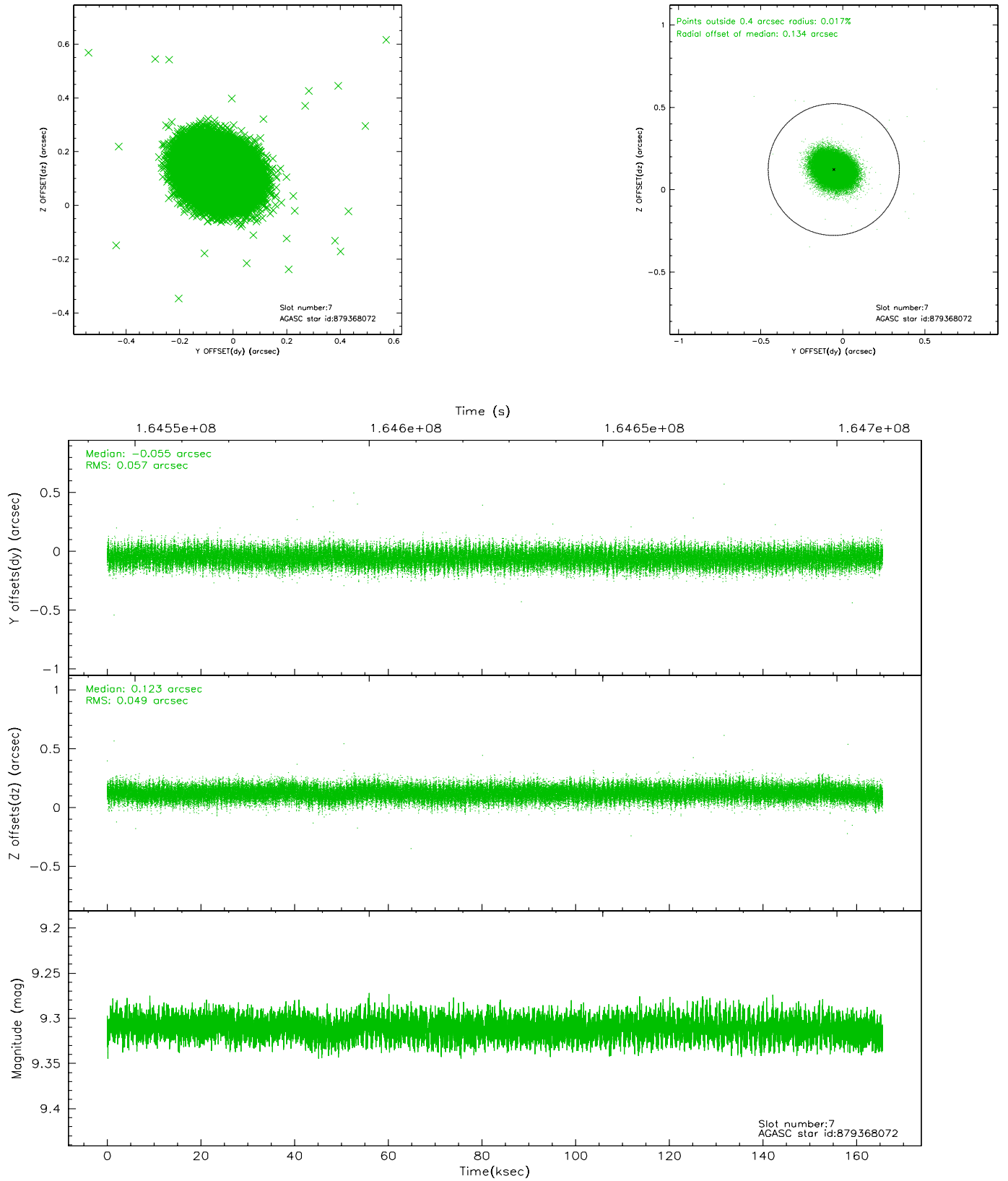
2.4.3 Slot 5



2.4.4 Slot 6

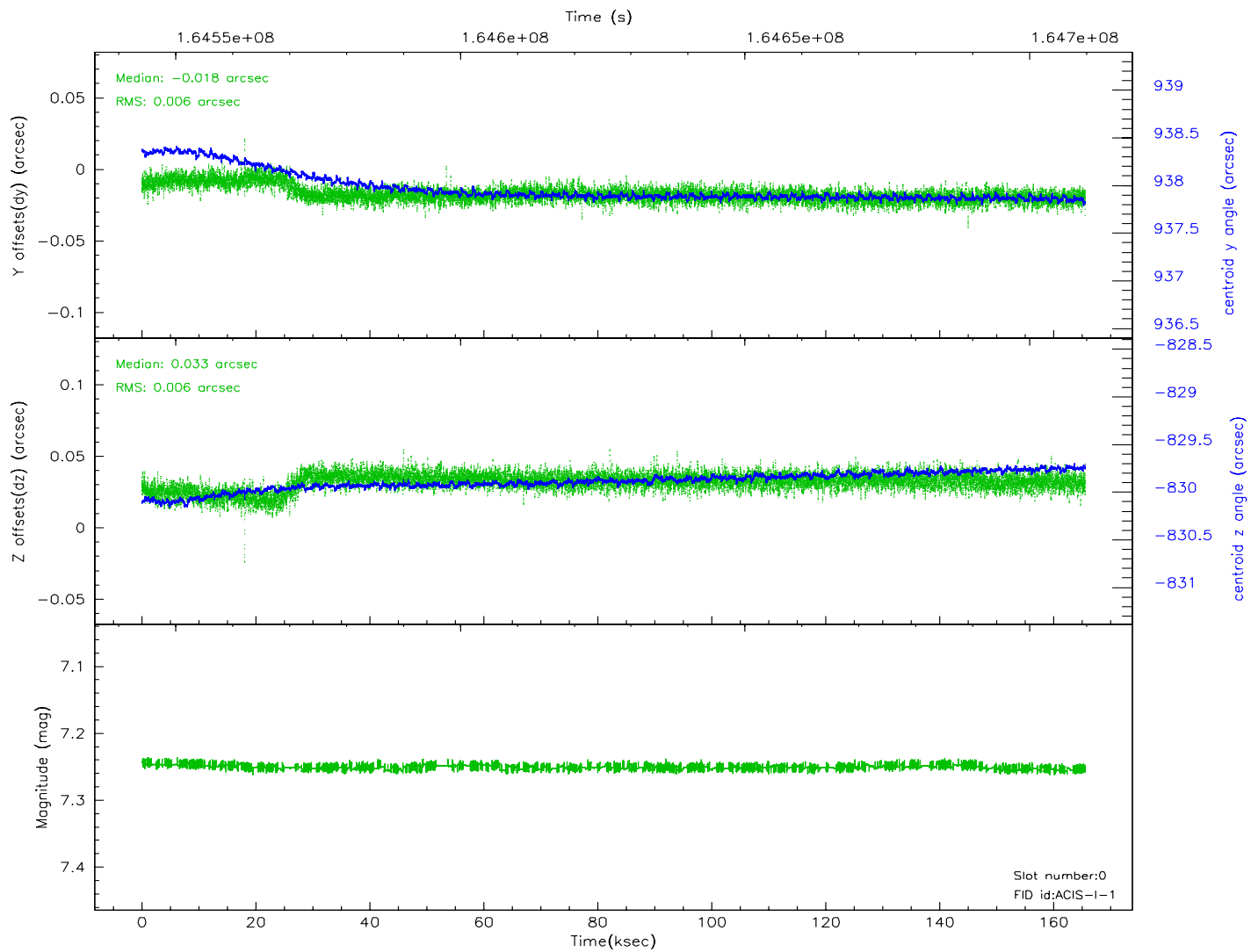
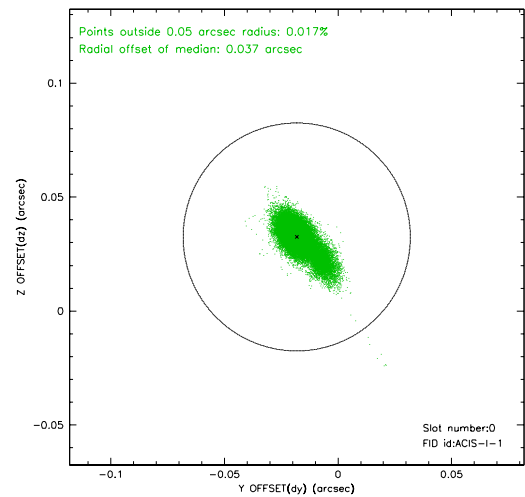
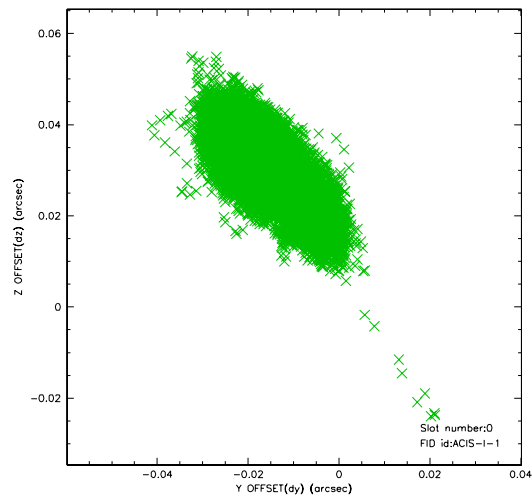


2.4.5 Slot 7

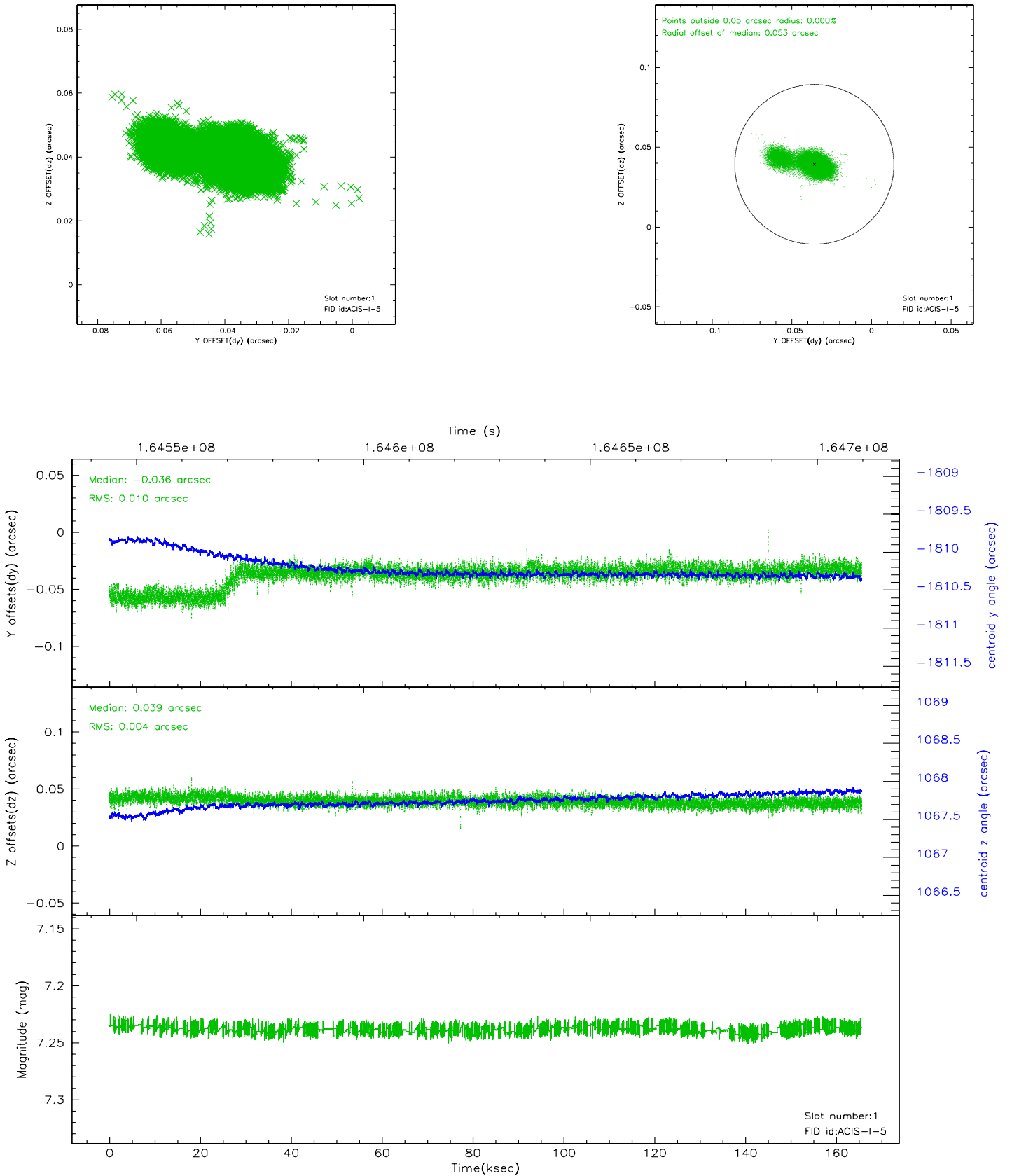


2.5 FID Slots

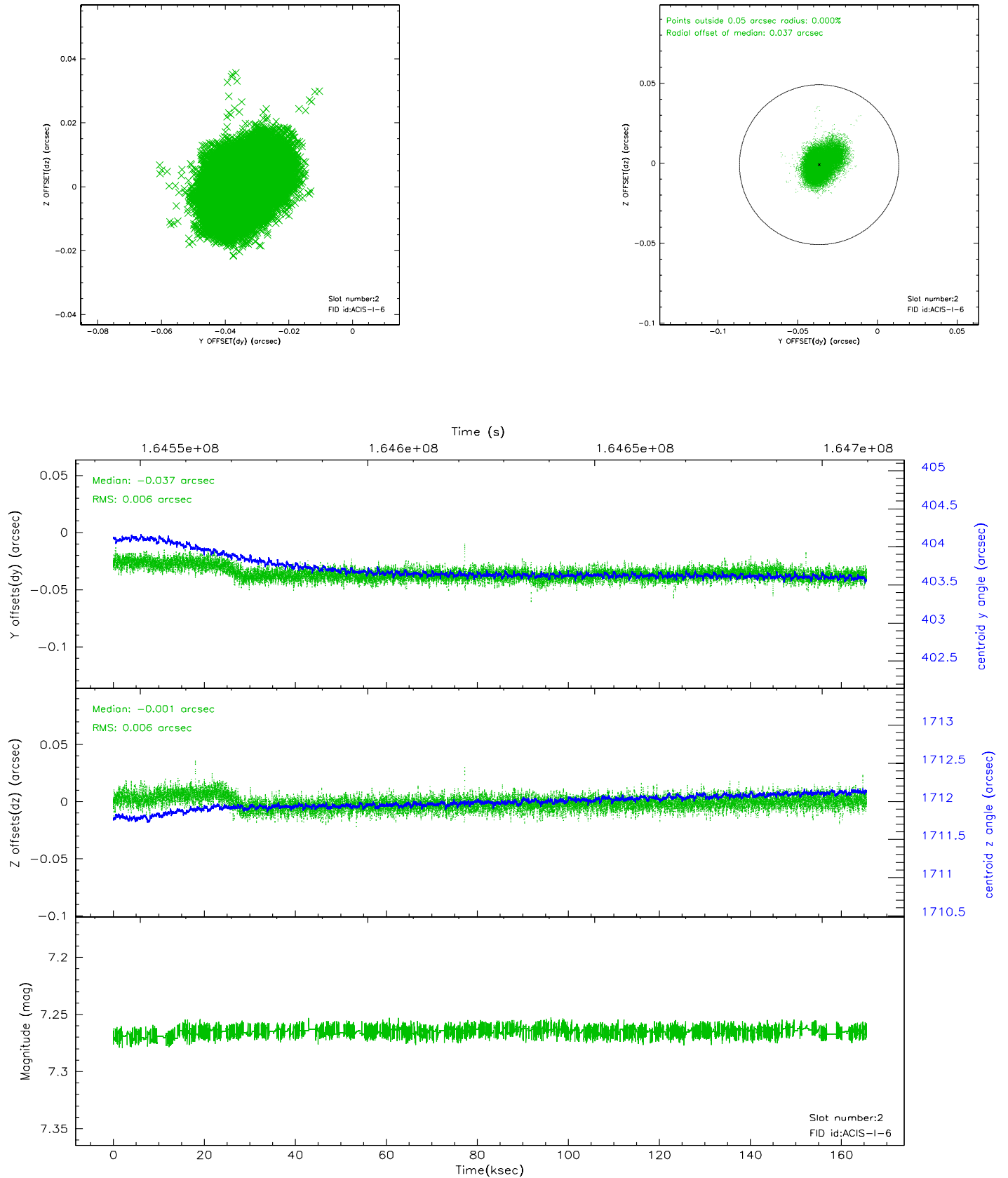
2.5.1 Slot 0



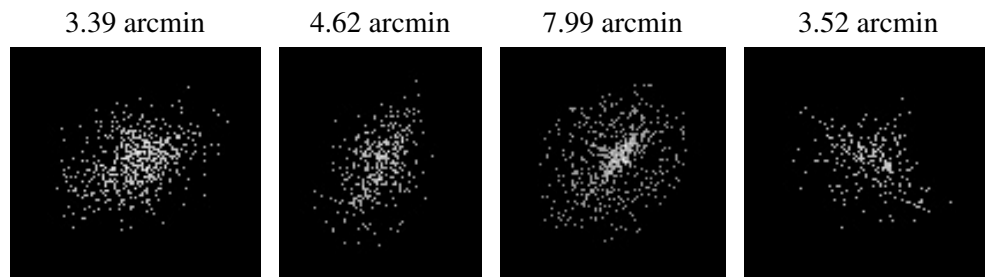
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	165.6

A.2 Comments