

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 4374 - L2 Version 001
Chandra X-Ray Center

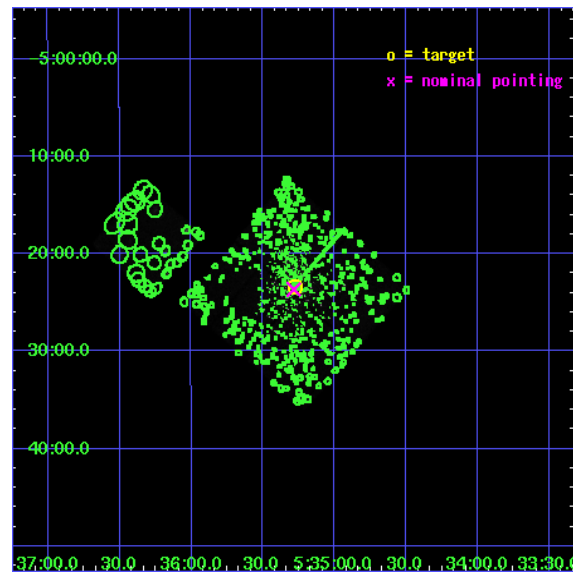
L2 Processing Date : Oct 19 2006

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1 Front

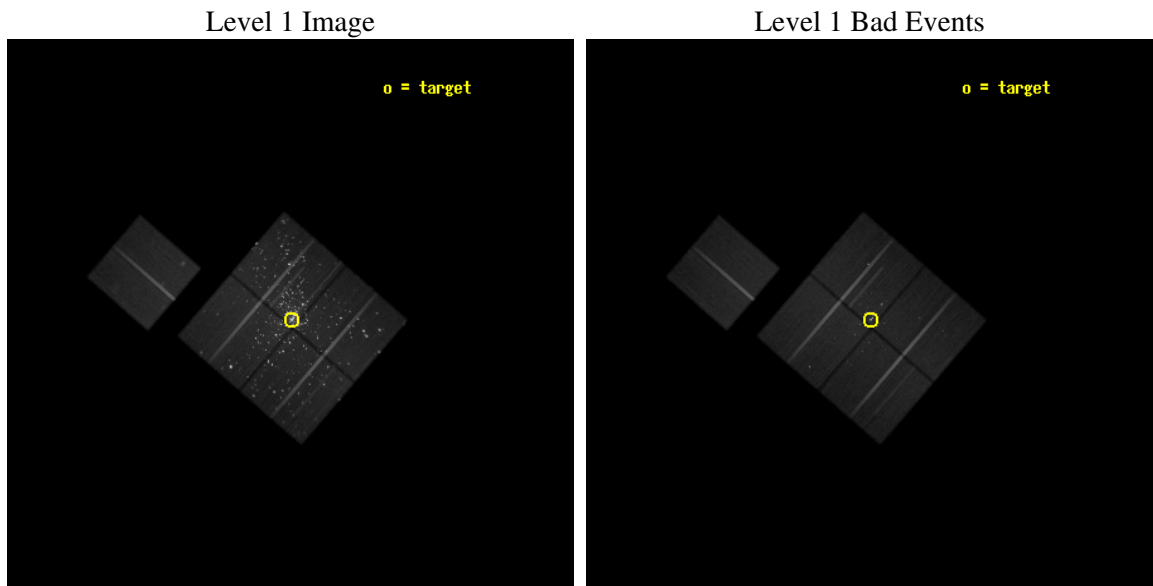
seq_num	200214
obs_id	4374
title	AN ULTRADEEP CHANDRA STUDY OF THE ORION NEBULA (GUEST OBSERVER PORTION)
observer	Prof. Eric Feigelson
object	ORION NEBULA CLUSTER
dtcycle	0
cycle	P
ra_targ	83.819583
dec_targ	-5.39
ra_nom	83.821007920566
dec_nom	-5.3944038279463
roll_nom	310.90882187654
revision	2
ontime	171212.75376931
livetime	168975.73309632
ontime0	171209.61276934
ontime1	171193.90781847
ontime2	171206.47172919
ontime3	171212.75376931
ontime6	171215.89474958
l2events	1577618



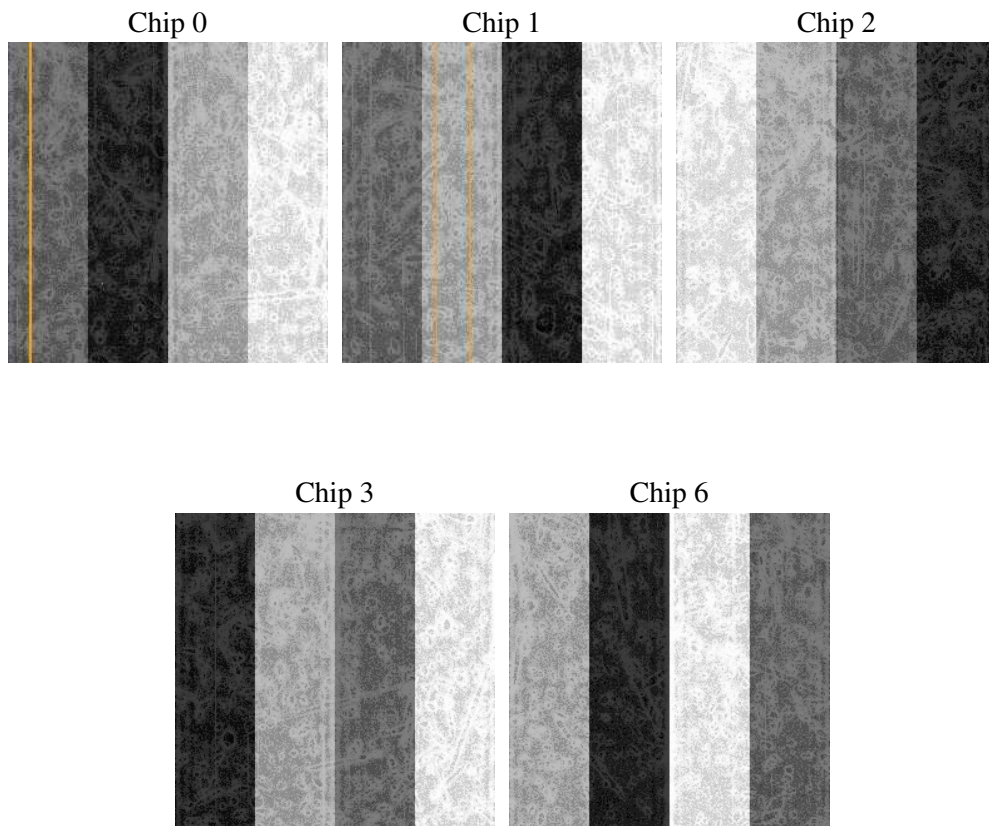
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-18T22:23:18
revision	2

sched_exp_time	171115.913000
ontime	171219.6476649
ontime0	171216.50664499
ontime1	171200.80171406
ontime2	171213.36562479
ontime3	171219.6476649
ontime6	171222.78864518
l1events	5726156

2.1.4 Events

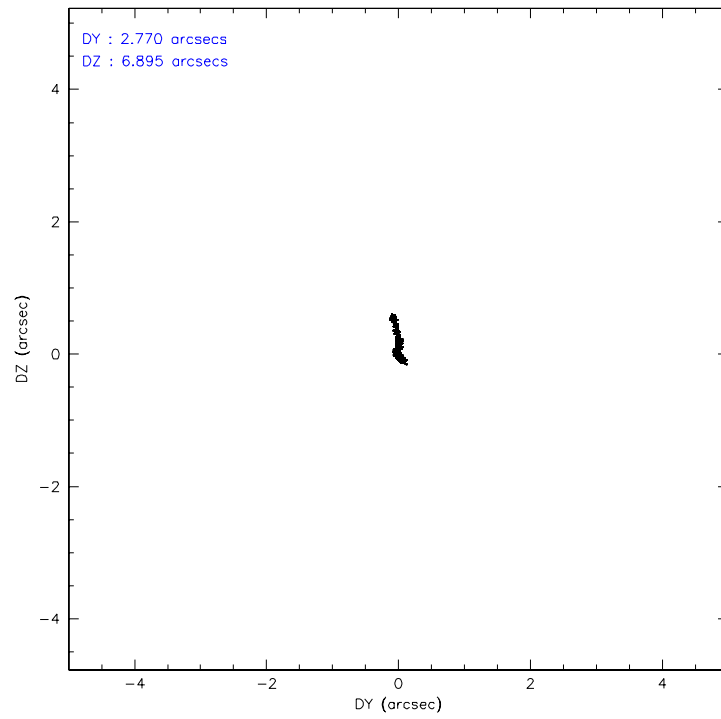
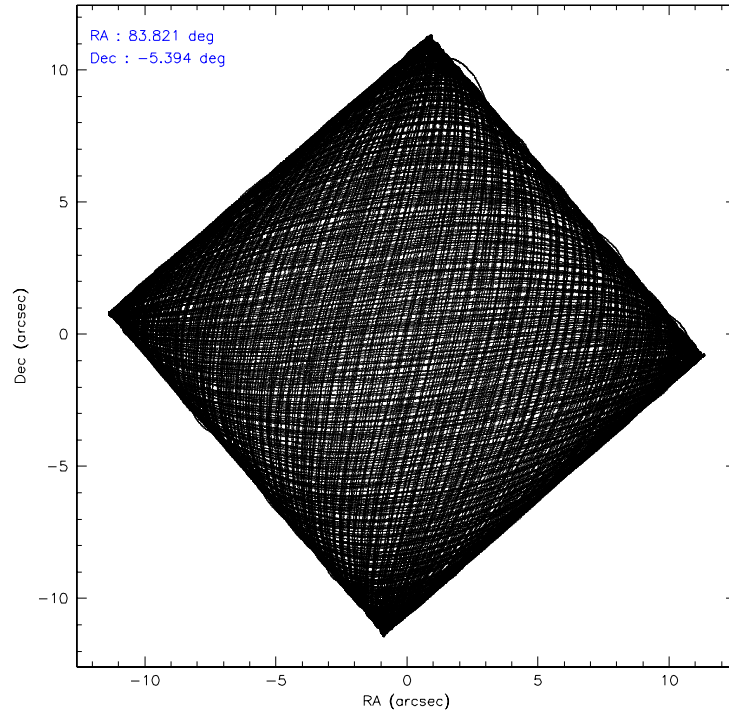
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	1013644	1041264	1140457	1642273	888518
rejected events	749795	746223	863906	863737	789900
rejected %	73%	71%	75%	52%	88%

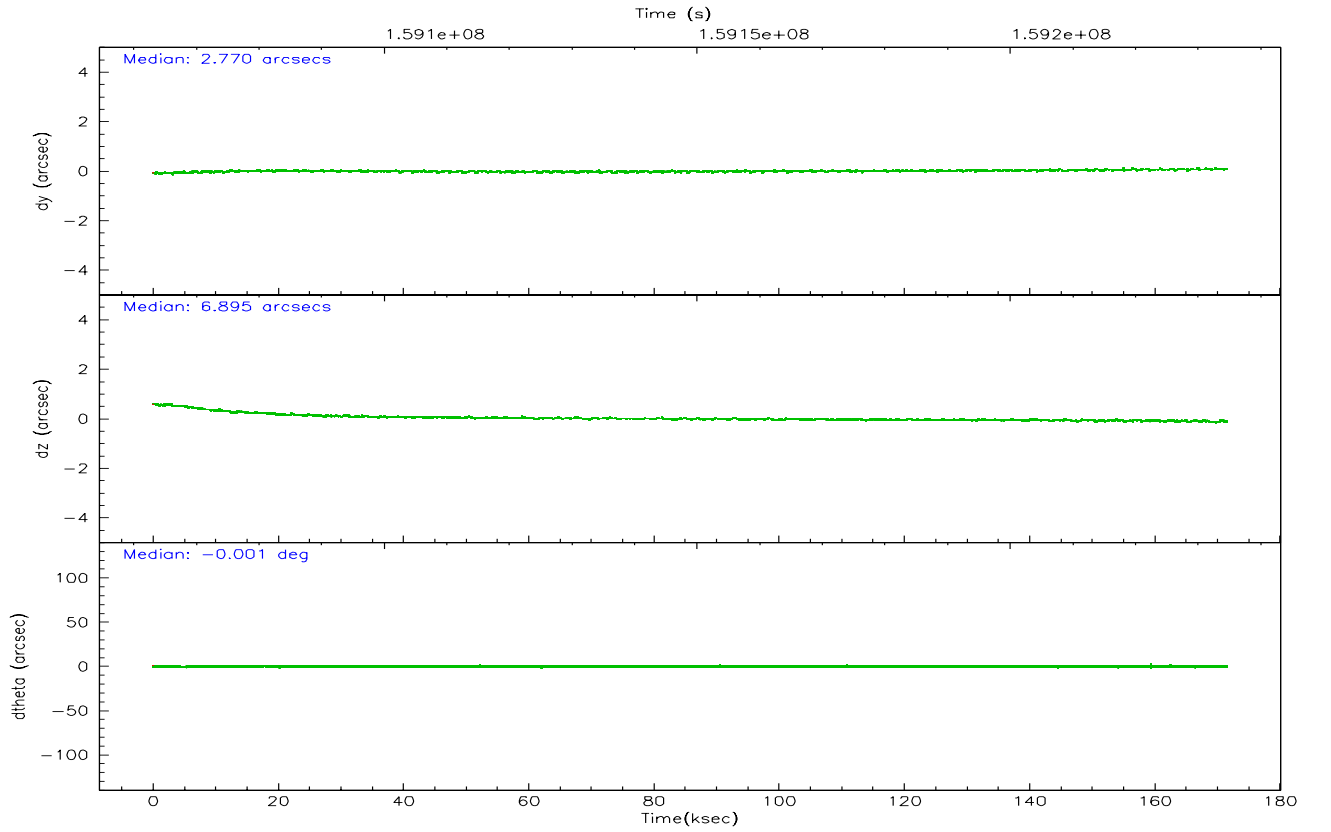
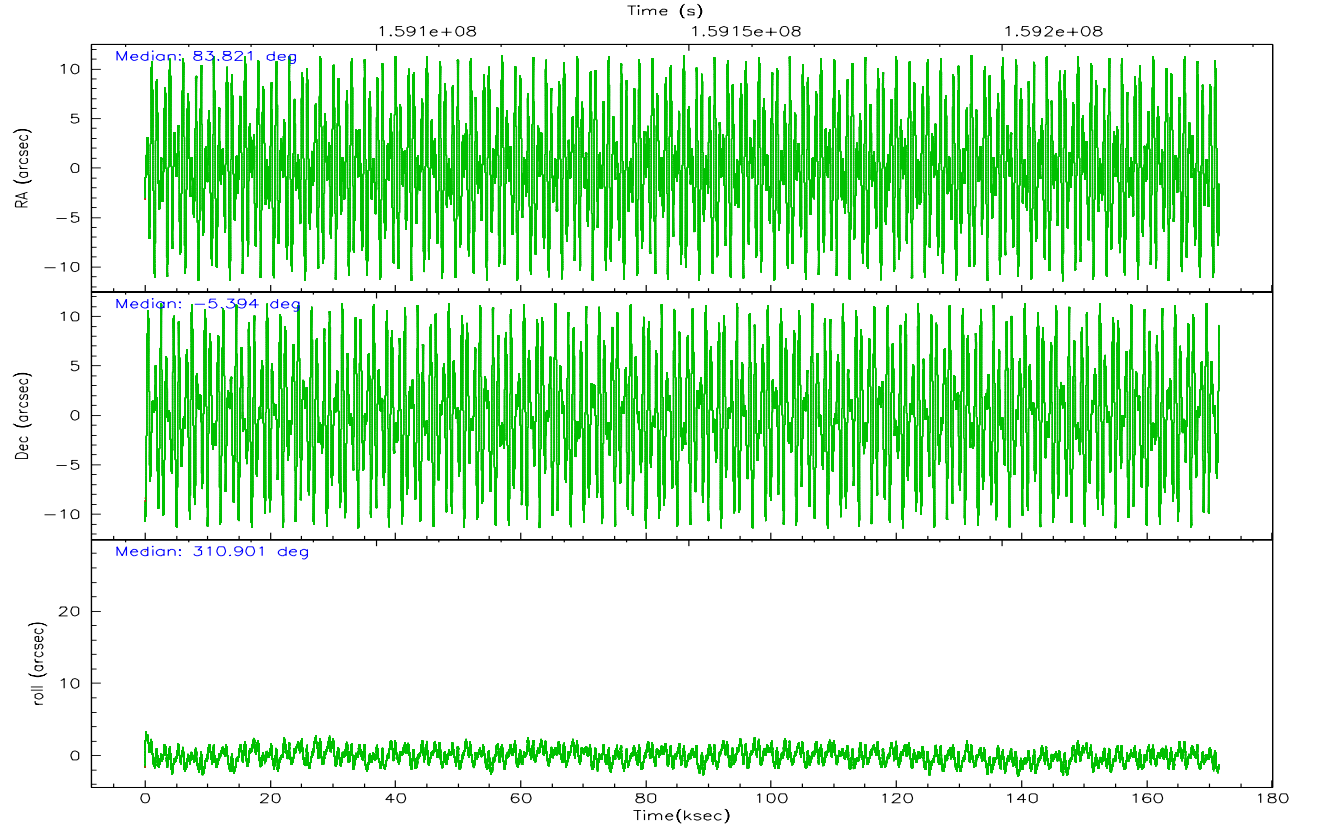
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	175775	199453	189158	560425	42225
	17%	19%	16%	34%	4%
grade 1 events	2256	2193	3800	25705	399
	0%	0%	0%	1%	0%
grade 2 events	37996	39587	38109	99760	18840
	3%	3%	3%	6%	2%
grade 3 events	15526	17145	15426	38013	10386
	1%	1%	1%	2%	1%
grade 4 events	14812	16633	15455	37870	10163
	1%	1%	1%	2%	1%
grade 5 events	26103	28332	25016	47961	27616
	2%	2%	2%	2%	3%
grade 6 events	19743	22234	18413	42505	17004
	1%	2%	1%	2%	1%
grade 7 events	721433	715687	835080	790034	761885
	71%	68%	73%	48%	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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	83.794989	83.82100792056644	Subarray requested	NONE	NONE
Pointing Dec	-5.385556	-5.394403827946285	Alternating exposures requested	N	N
Pointing Roll	310.697693	310.9088218765405	Primary exposure time	0.000000	3.1
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	159063535.184000	159062438.38398			
Observation start date	2003-01-16T00:17:51	2003-01-16T00:00:38			
Observation end time	159234651.184000	159234965.8787			
Observation end date	2003-01-17T23:49:47	2003-01-17T23:56:05			
Read mode	TIMED	TIMED			

2.3 Aspect



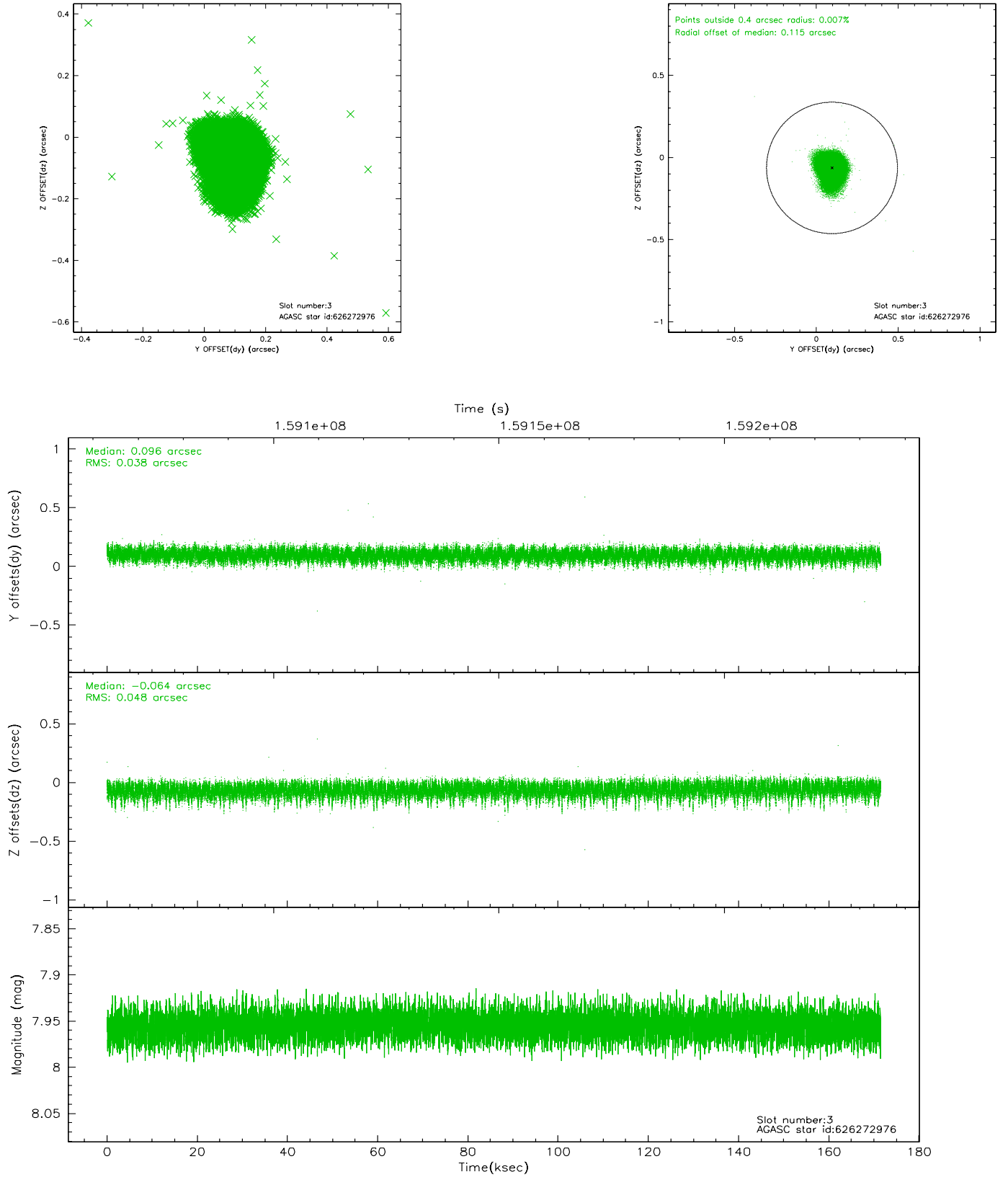


Slot Statistics

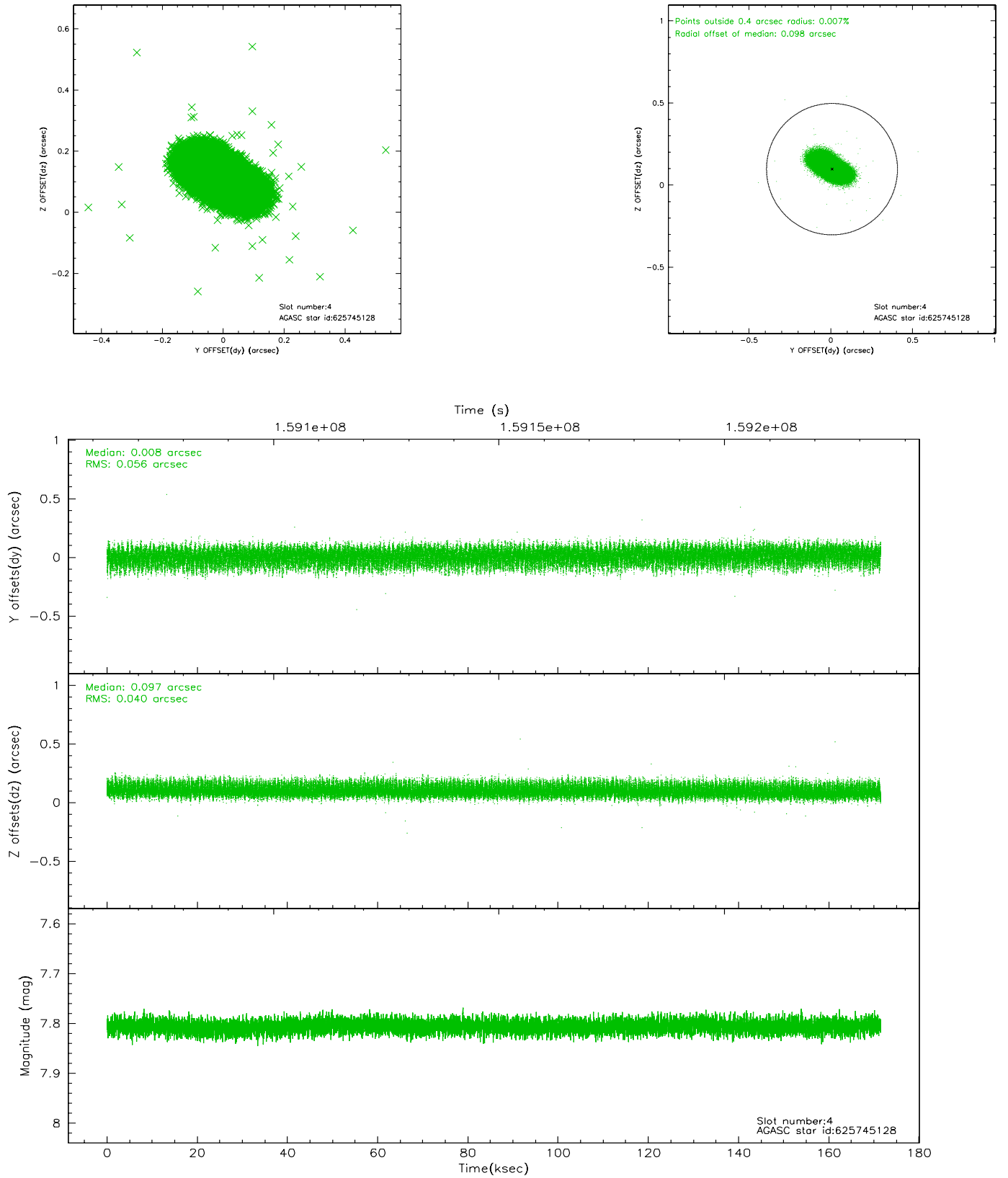
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	41845	-0.004	0.027	0.007	0.016	0.000000	0.000000	937.01	-830.32
1	FID	ACIS-I-5	7.24	41839	-0.051	0.049	0.006	0.011	0.000000	0.000000	-1811.18	1067.30
2	FID	ACIS-I-6	7.26	41842	-0.036	-0.006	0.008	0.014	0.000000	0.000000	402.69	1711.58
3	GUIDE	626272976	7.95	83651	0.096	-0.064	0.064	0.106	83.795875	-5.926912	1480.19	-1267.94
4	GUIDE	625745128	7.80	83677	0.008	0.097	0.072	0.123	83.769930	-4.731835	-1842.83	1466.61
5	GUIDE	625745104	7.11	83677	-0.246	0.122	0.091	0.152	83.841109	-4.494168	-2325.39	2218.22
6	GUIDE	626273032	9.20	83596	0.086	-0.119	0.109	0.184	83.765167	-5.983575	1563.15	-1484.34
7	GUIDE	626272880	7.69	83672	0.054	-0.036	0.064	0.104	83.815609	-6.032748	1815.14	-1462.77

2.4 Star Slots

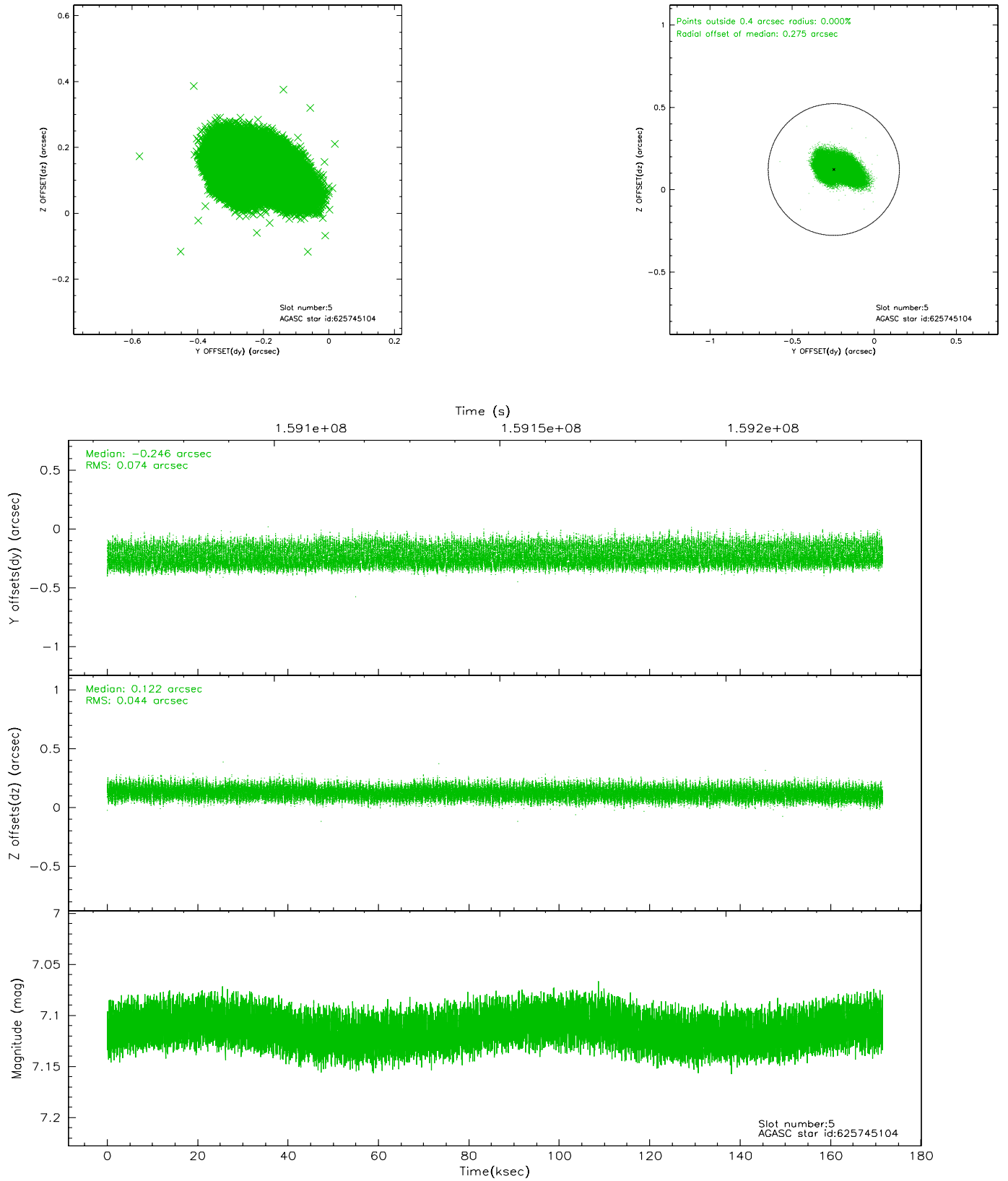
2.4.1 Slot 3



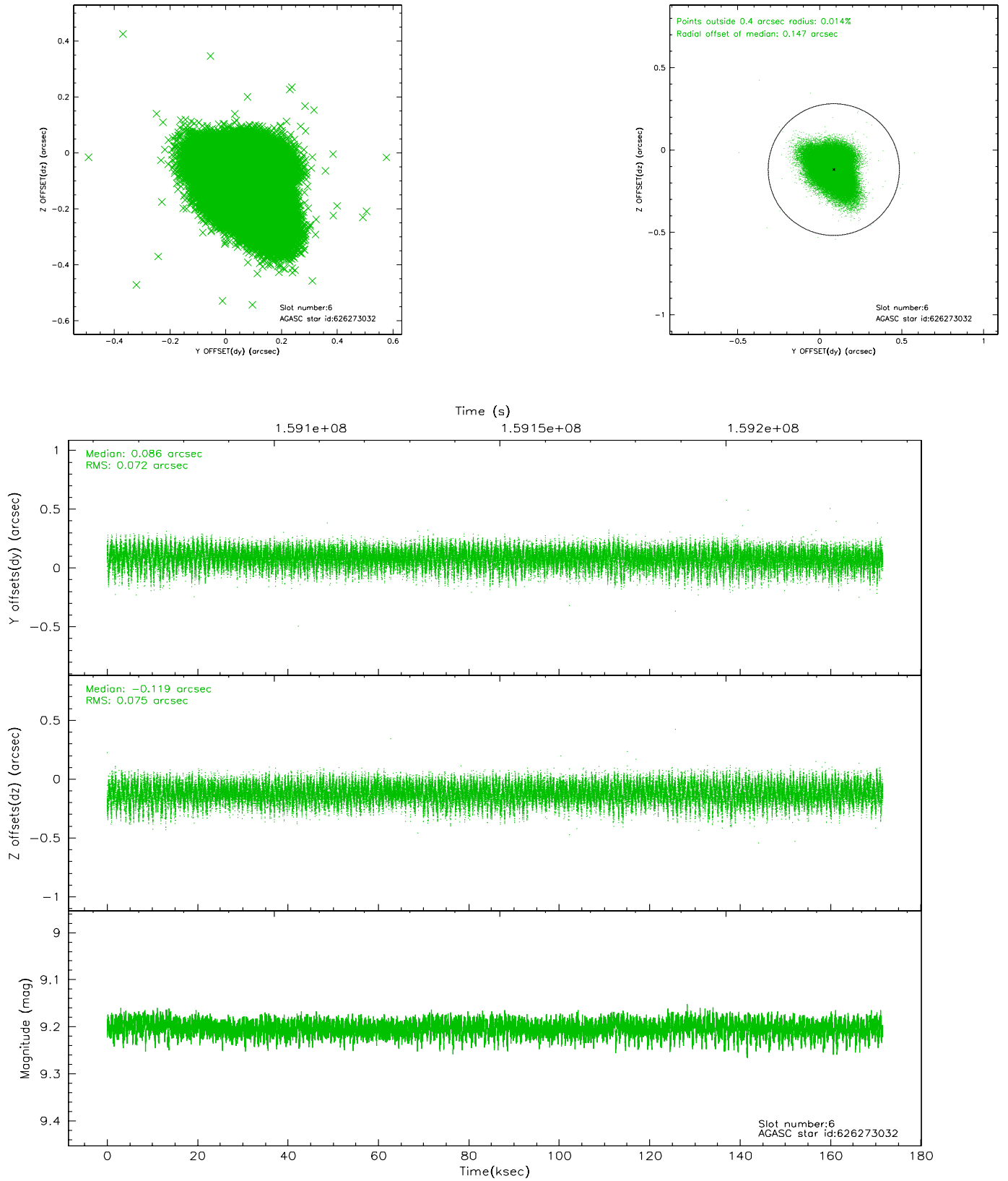
2.4.2 Slot 4



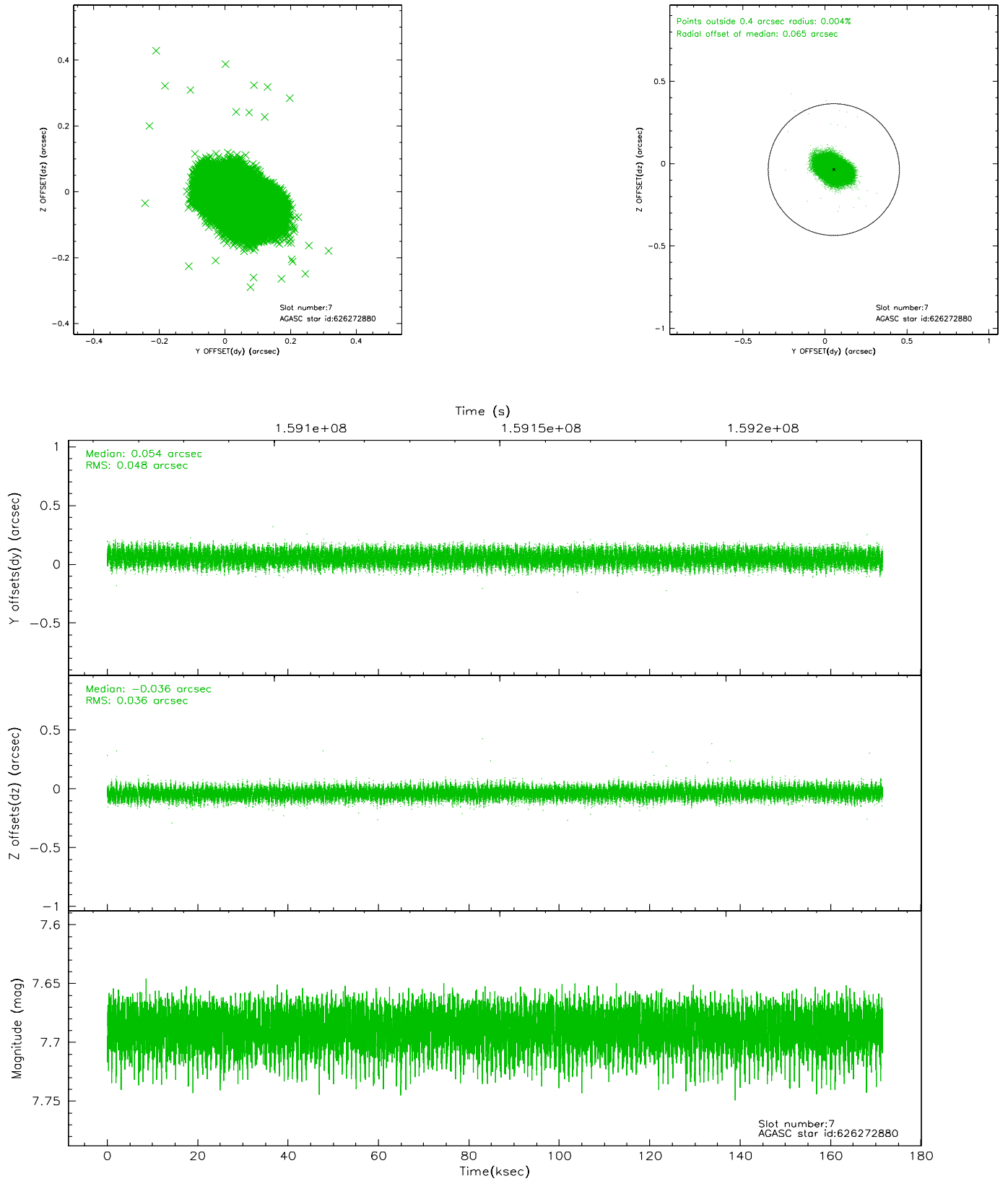
2.4.3 Slot 5



2.4.4 Slot 6

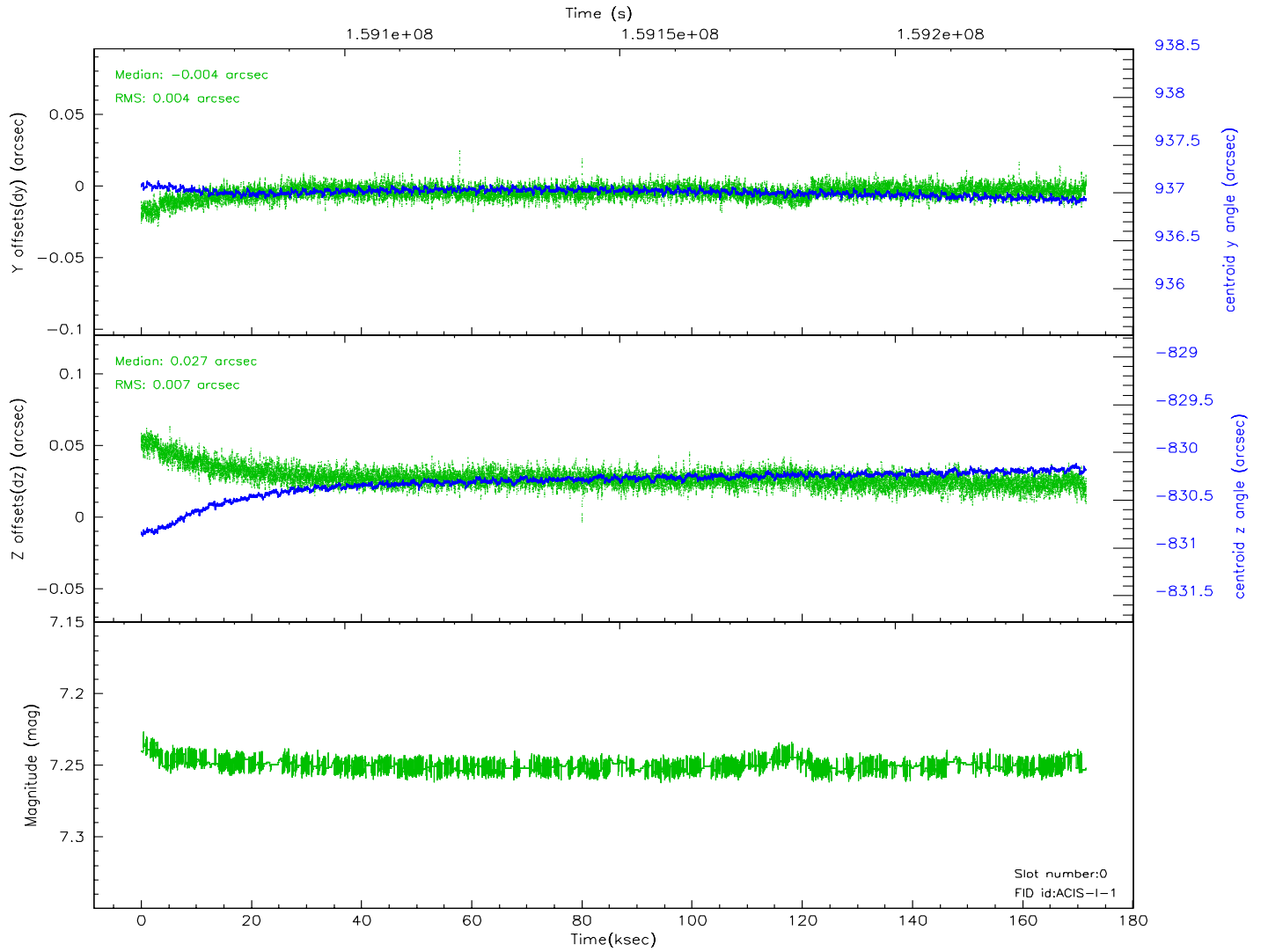
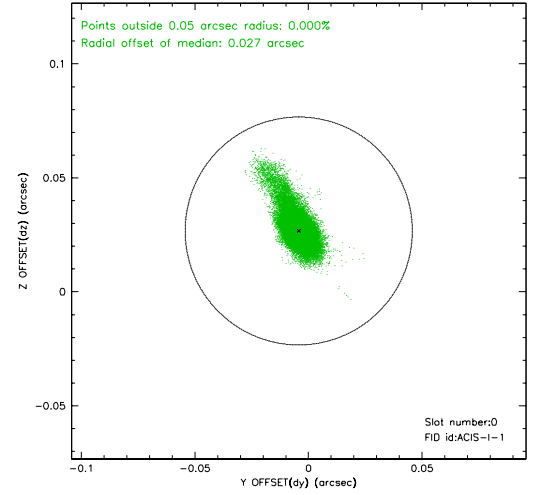
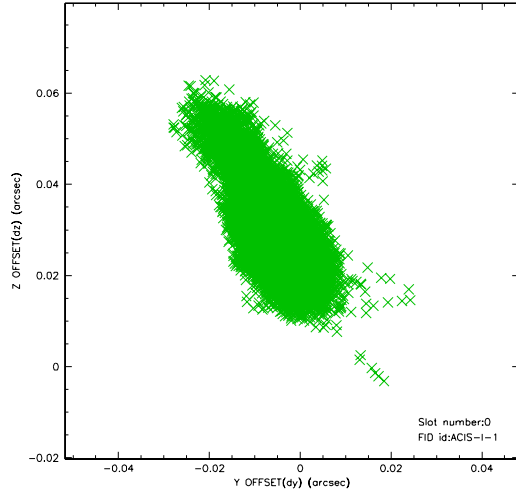


2.4.5 Slot 7

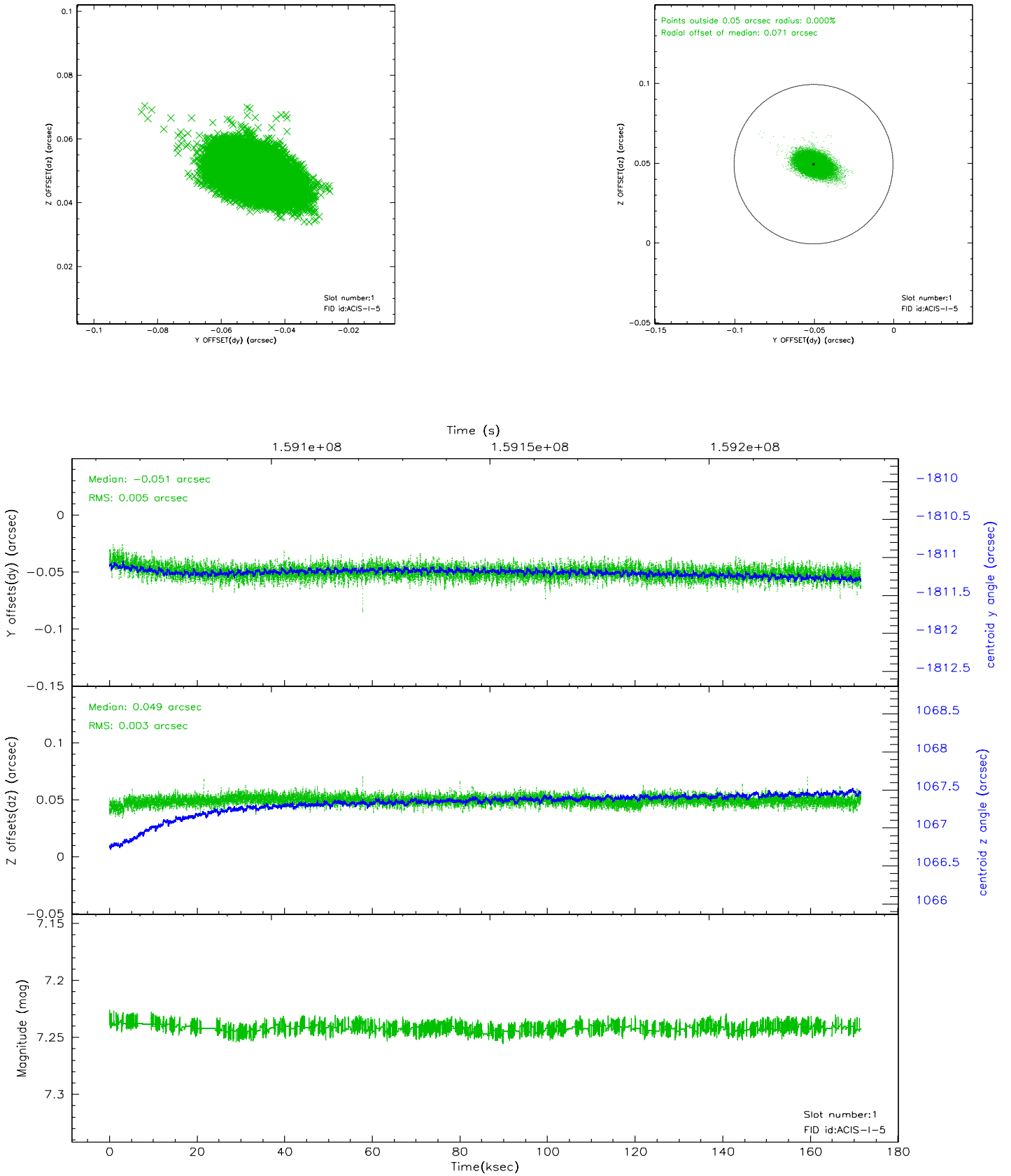


2.5 FID Slots

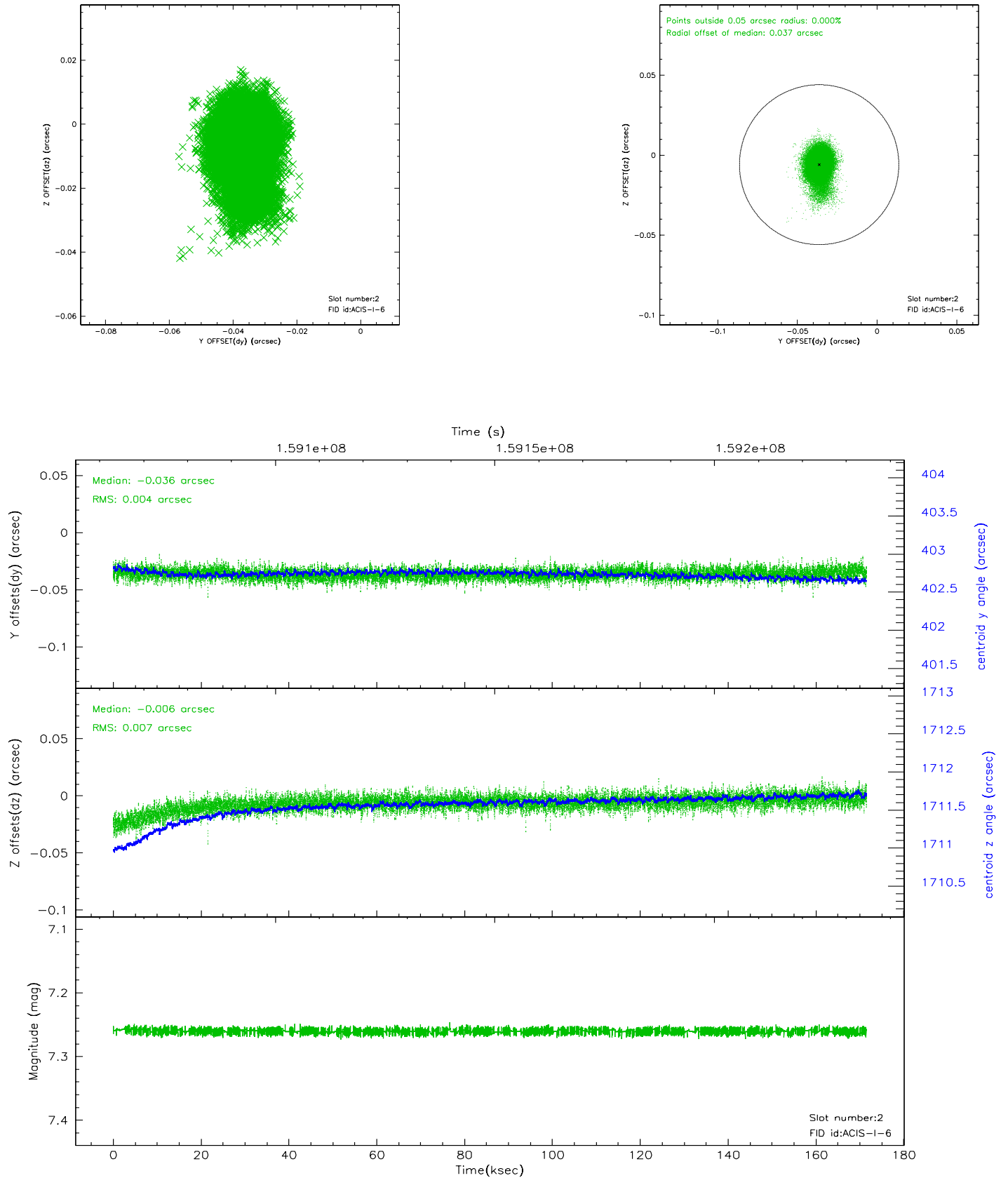
2.5.1 Slot 0



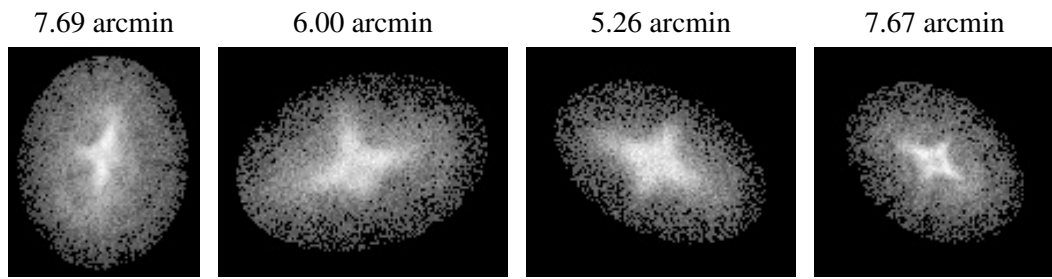
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	171.215

A.2 Comments