

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2941 - L2 Version 001
Chandra X-Ray Center

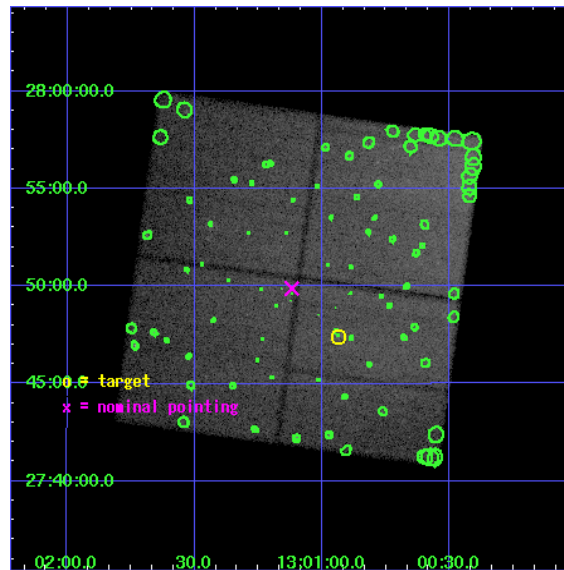
L2 Processing Date : Sep 11 2006

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1 Front

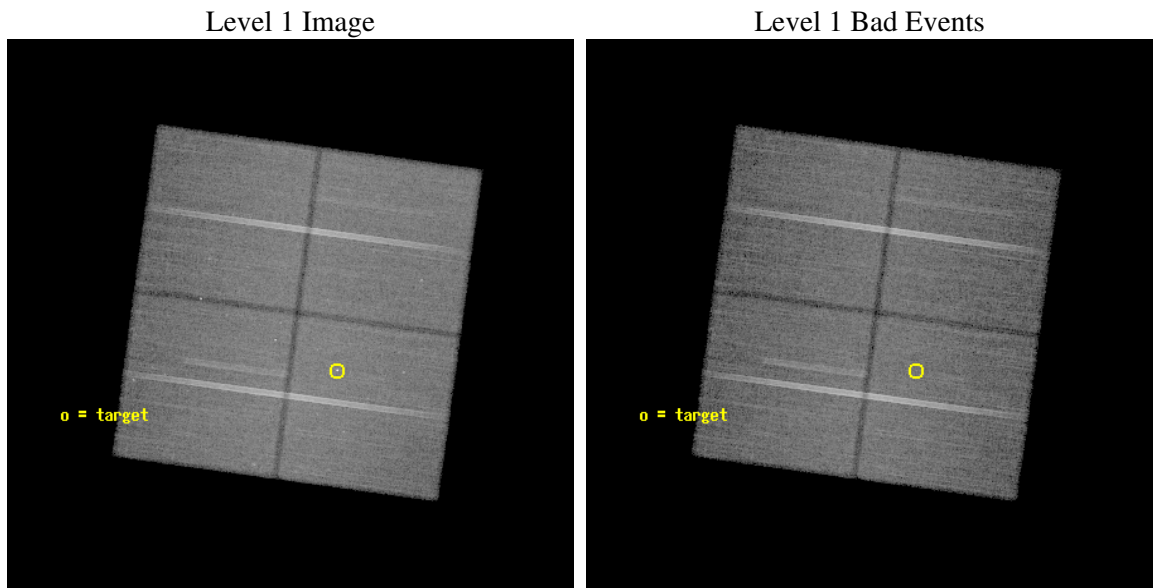
seq_num	600278
obs_id	2941
title	CLUSTER-GALAXY INTERACTIONS IN THE COMA CLUSTER
observer	Dr. Michael Gregg
object	NGC 4911
dtcycle	0
cycle	P
ra_targ	195.23375
dec_targ	27.790556
ra_nom	195.27966351632
dec_nom	27.831461914454
roll_nom	187.84228076247
revision	2
ontime	63738.97691685
livetime	62906.180259479
ontime0	63732.695016235
ontime1	63745.258907169
ontime2	63738.97691685
ontime3	63745.258877277
l2events	388273



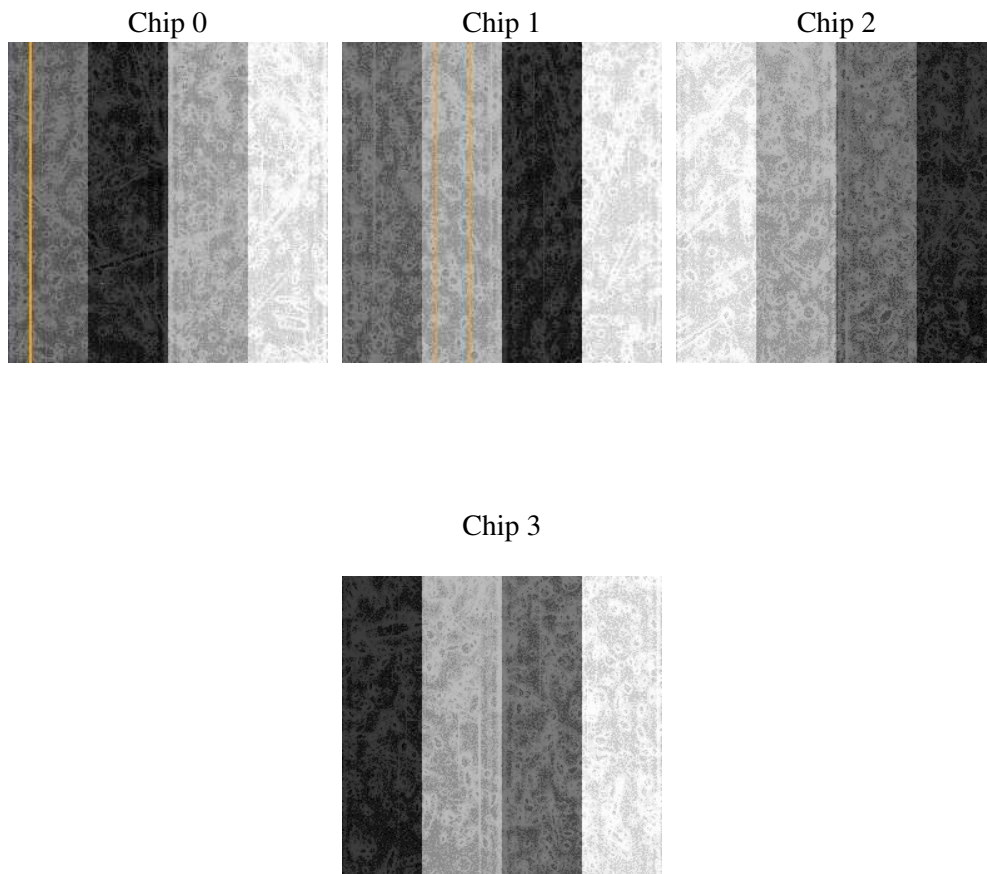
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-11T07:34:25
revision	2

sched_exp_time	63500.000000
ontime	63743.581590831
ontime0	63737.299710125
ontime1	63749.863581151
ontime2	63743.581590831
ontime3	63749.863551259
l1events	1803814

2.1.4 Events

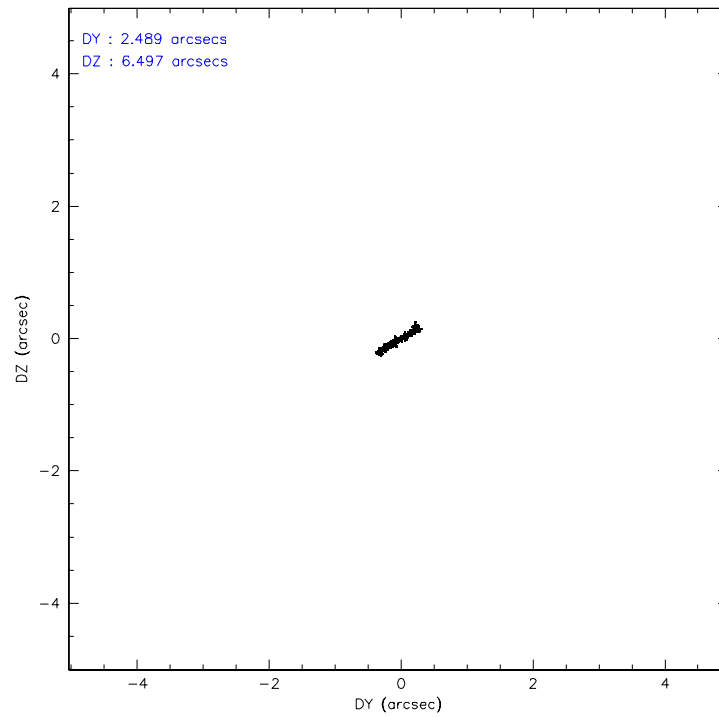
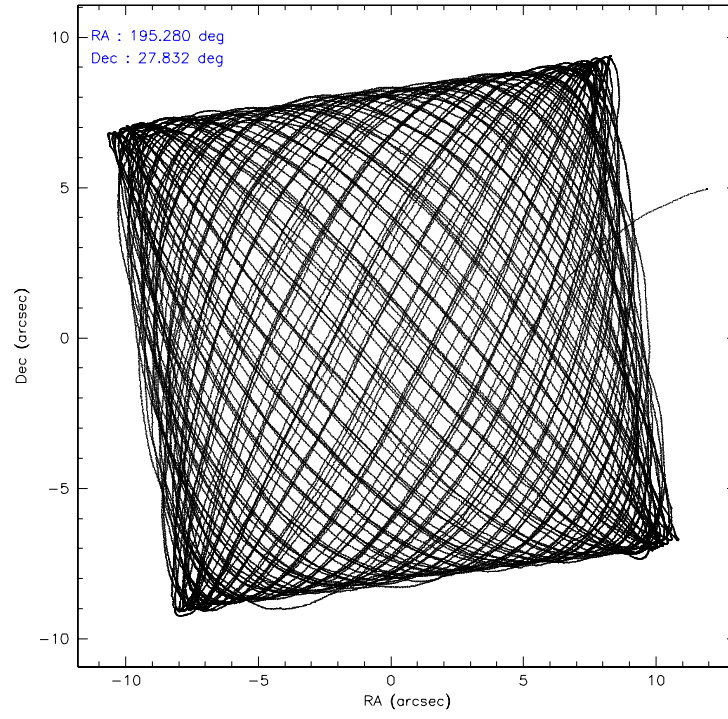
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	479186	413953	475872	434803
rejected events	323305	328286	362494	358565
rejected %	67%	79%	76%	82%

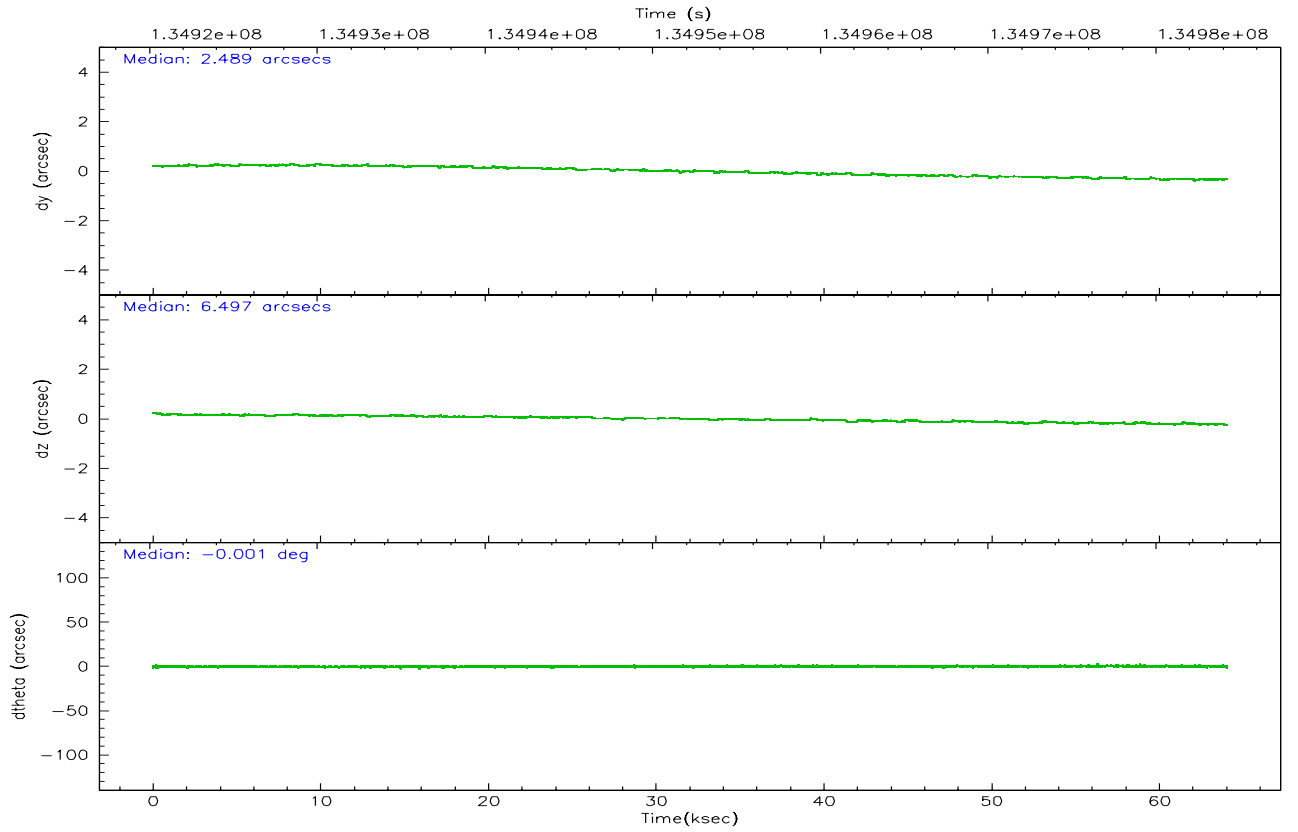
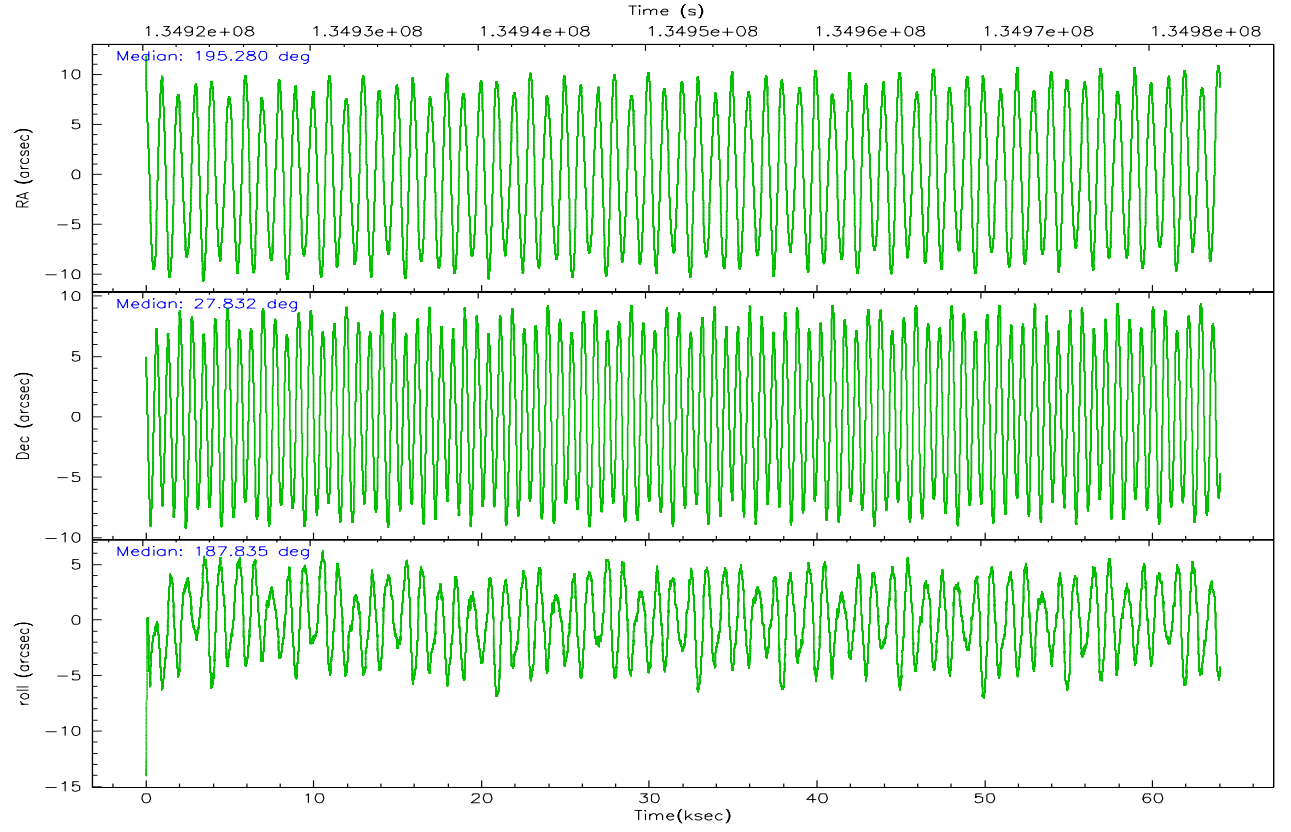
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	107305	49380	74641	44551
	22%	11%	15%	10%
grade 1 events	500	275	372	285
	0%	0%	0%	0%
grade 2 events	21450	13922	16785	12199
	4%	3%	3%	2%
grade 3 events	8043	6156	6141	5209
	1%	1%	1%	1%
grade 4 events	7812	6039	6069	5277
	1%	1%	1%	1%
grade 5 events	15706	16403	14519	16464
	3%	3%	3%	3%
grade 6 events	11279	10173	9750	9007
	2%	2%	2%	2%
grade 7 events	307091	311605	347595	341811
	64%	75%	73%	78%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-0123	ACIS-0123	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	195.304084	195.2796635163222	Alternating exposures requested	N	N
Pointing Dec	27.848332	27.83146191445364	Primary exposure time	0.000000	3.1
Pointing Roll	187.622189	187.8422807624655			
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	134920746.184000	134919610.96282			
Observation start date	2002-04-11T13:58:02	2002-04-11T13:40:10			
Observation end time	134984246.184000	134984978.80298			
Observation end date	2002-04-12T07:36:22	2002-04-12T07:49:38			
Read mode	TIMED	TIMED			

2.3 Aspect



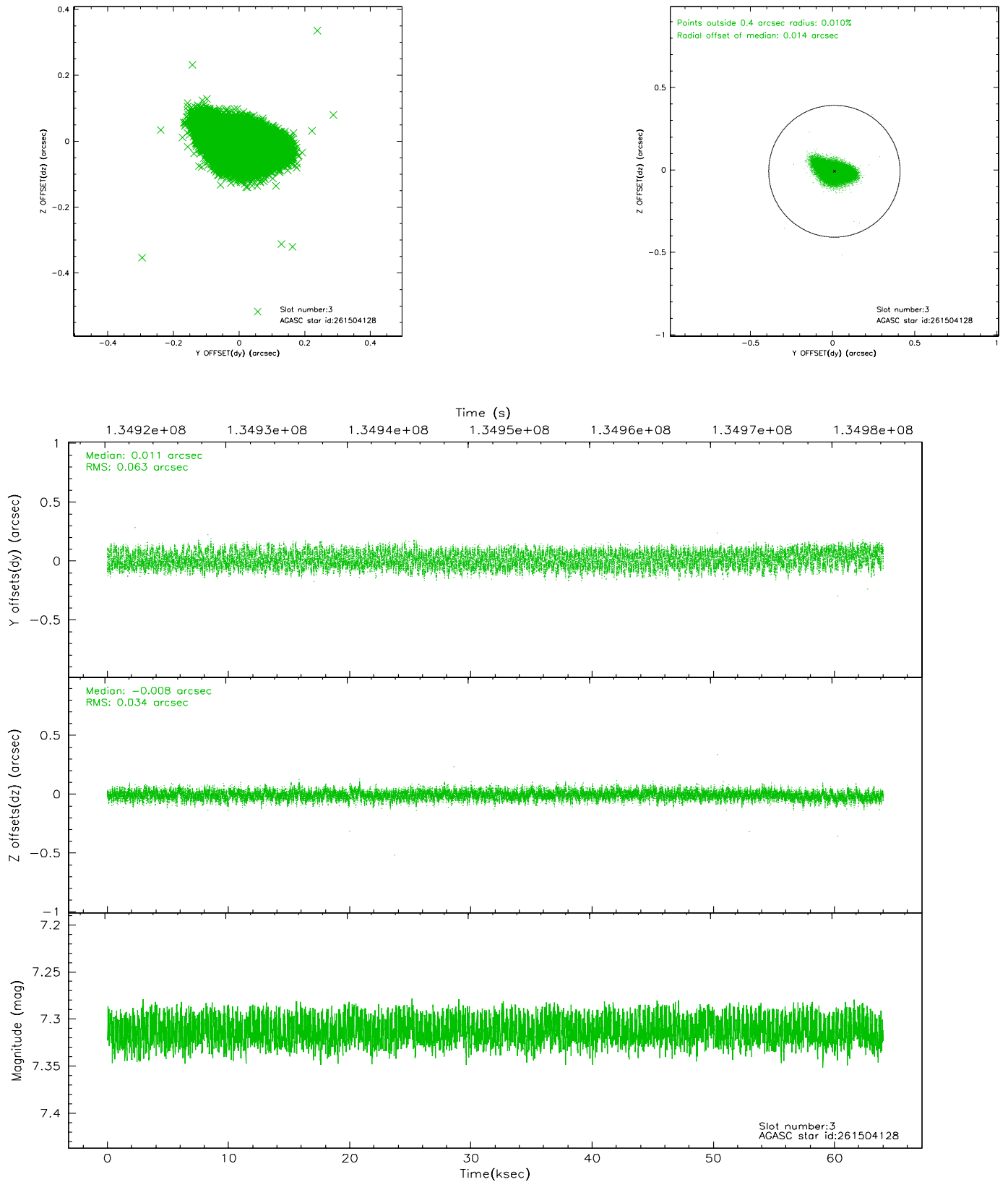


Slot Statistics

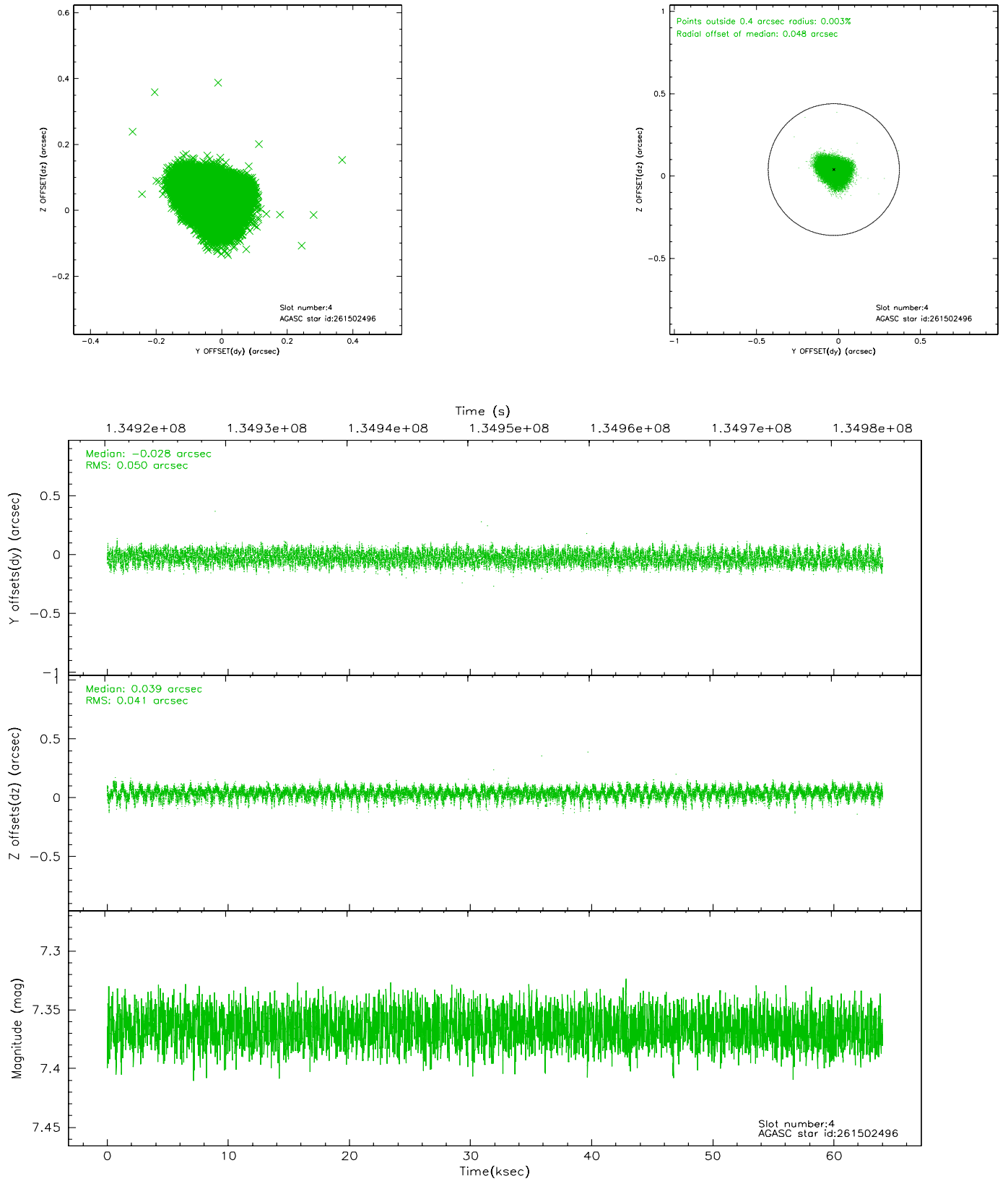
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	15616	-0.040	-0.042	0.007	0.011	0.000000	0.000000	937.27	-829.93
1	FID	ACIS-I-3	7.45	15617	0.016	0.193	0.007	0.012	0.000000	0.000000	54.80	-962.96
2	FID	ACIS-I-6	7.26	15621	-0.065	-0.083	0.005	0.010	0.000000	0.000000	403.01	1711.87
3	GUIDE	261504128	7.31	31234	0.011	-0.008	0.077	0.121	194.640935	28.319570	1857.99	-1965.33
4	GUIDE	261502496	7.37	31234	-0.028	0.039	0.070	0.108	194.887297	28.065668	1208.54	-952.79
5	GUIDE	261498392	8.31	31228	0.207	-0.037	0.058	0.094	194.888587	28.238913	1119.95	-1570.18
6	GUIDE	261498520	9.23	31226	-0.164	0.011	0.079	0.128	195.911074	28.449954	-2191.92	-1896.41
7	GUIDE	261489768	9.64	31218	-0.028	0.001	0.097	0.160	195.906248	27.591842	-1782.48	1165.56

2.4 Star Slots

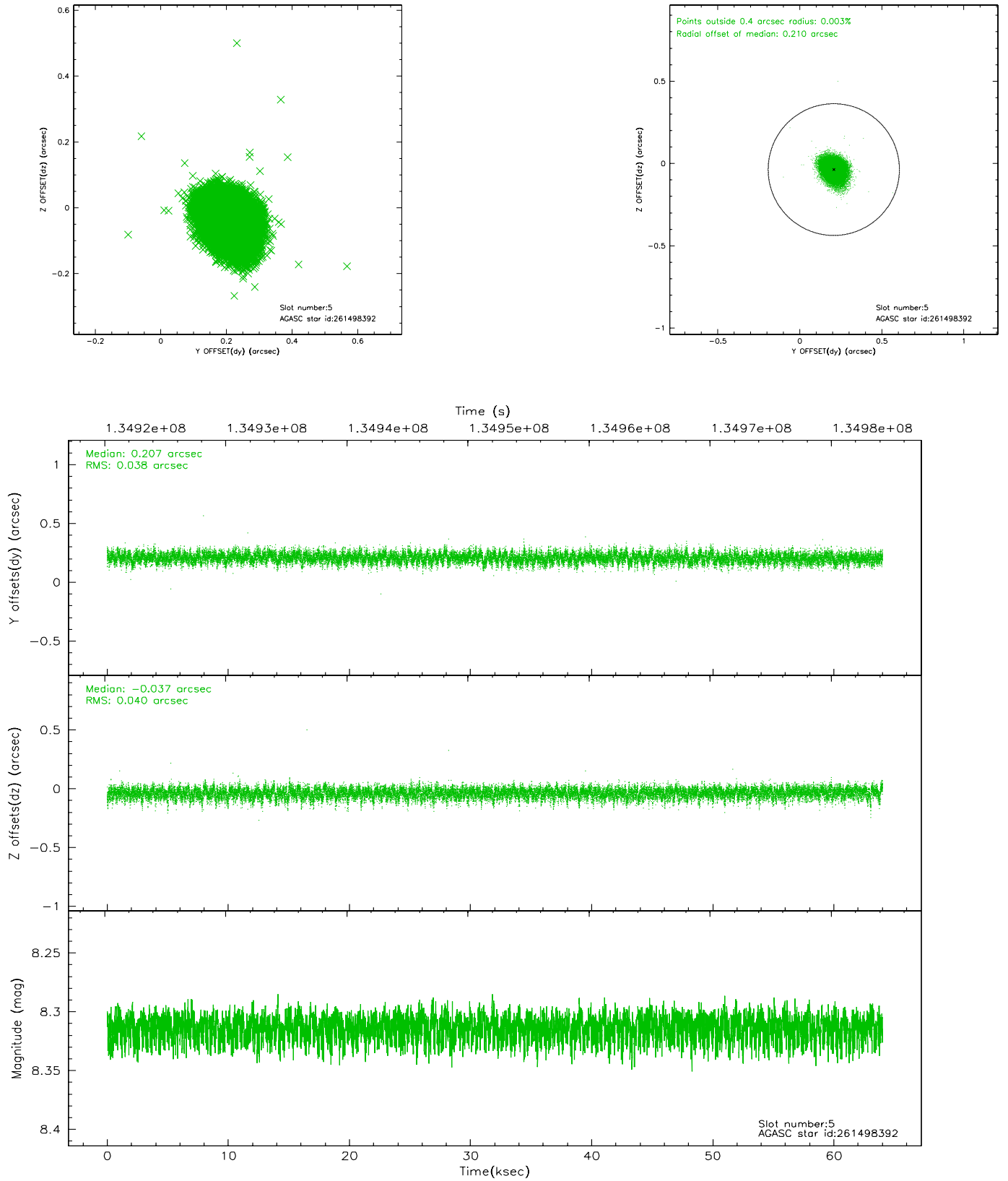
2.4.1 Slot 3



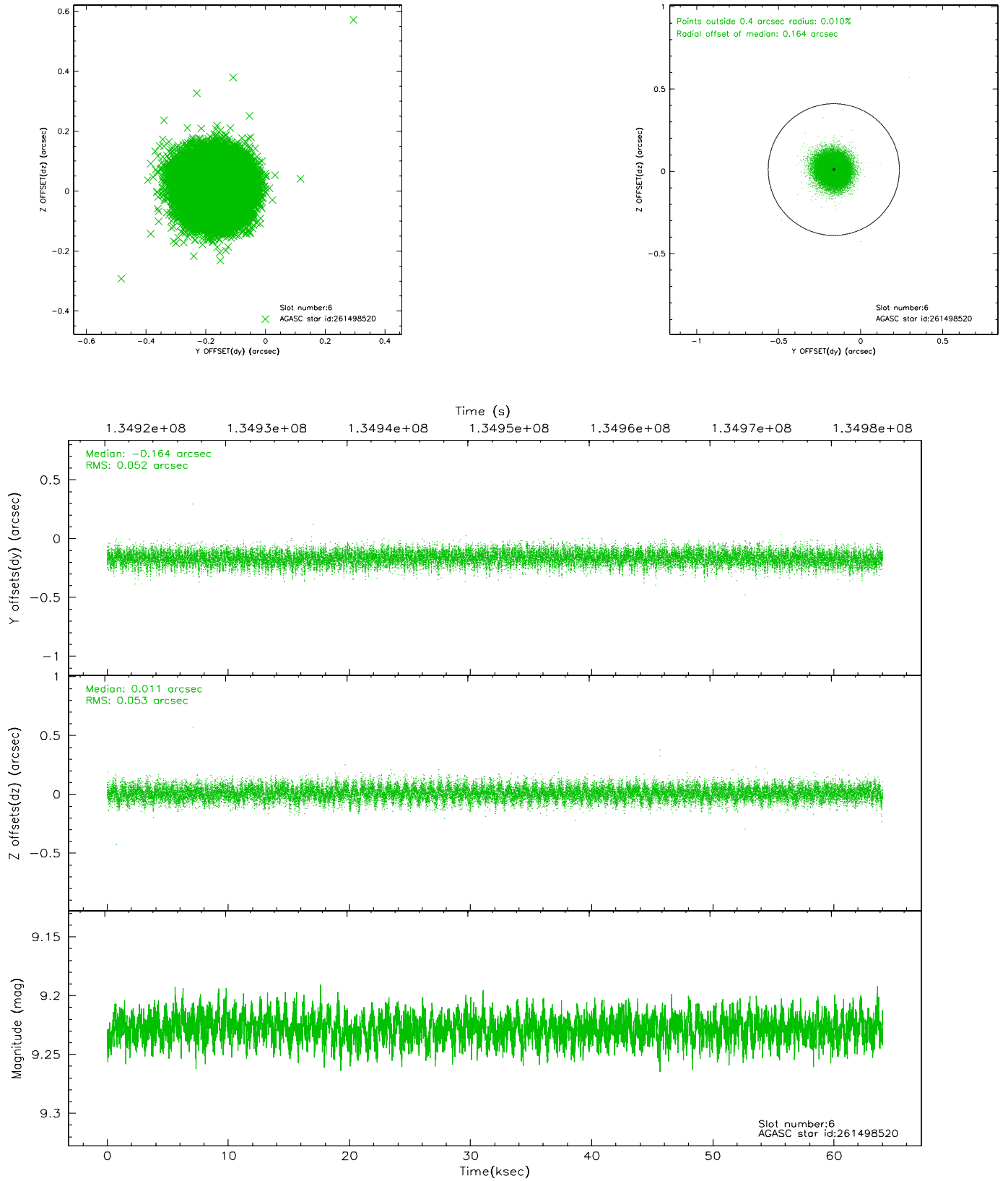
2.4.2 Slot 4



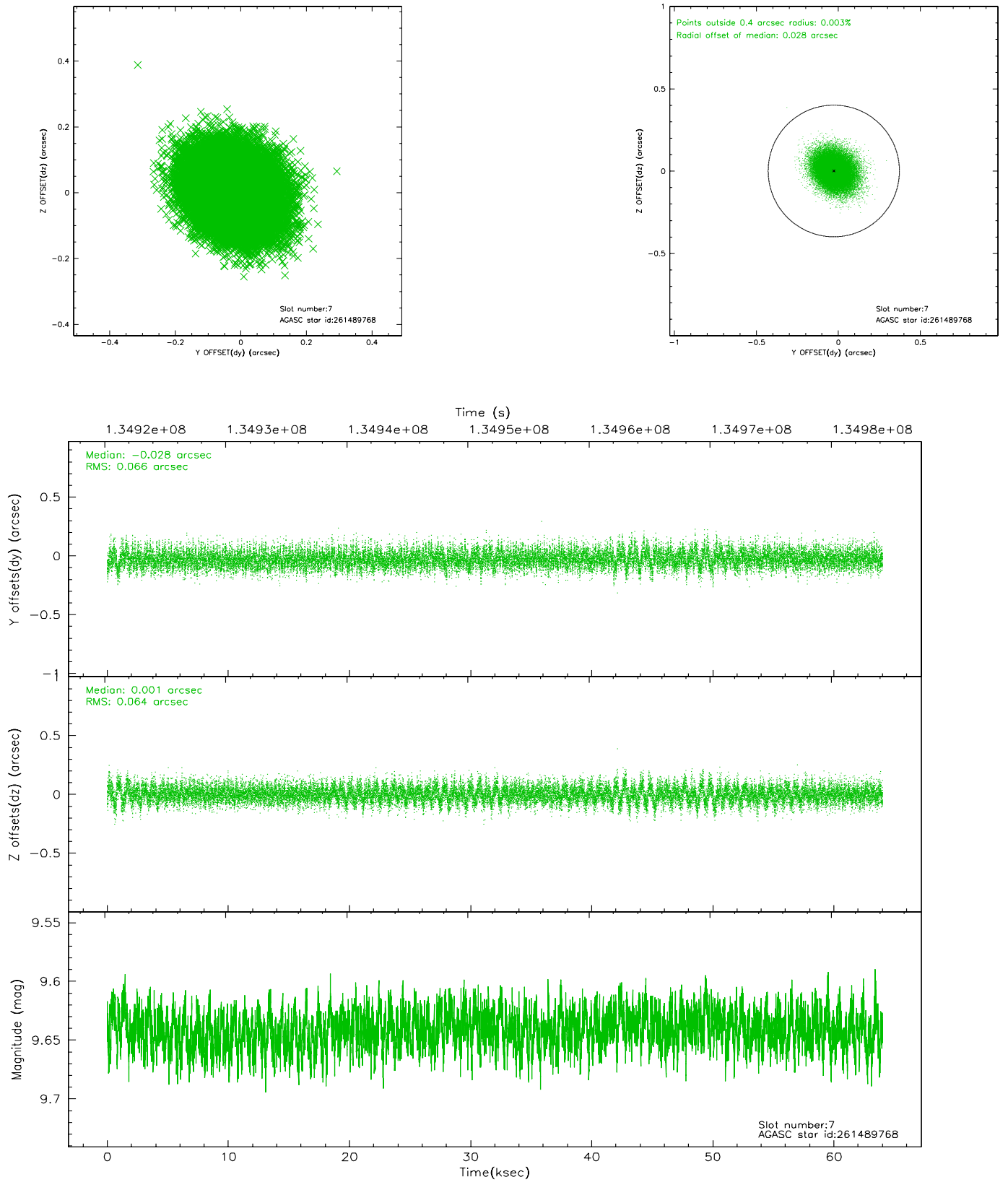
2.4.3 Slot 5



2.4.4 Slot 6

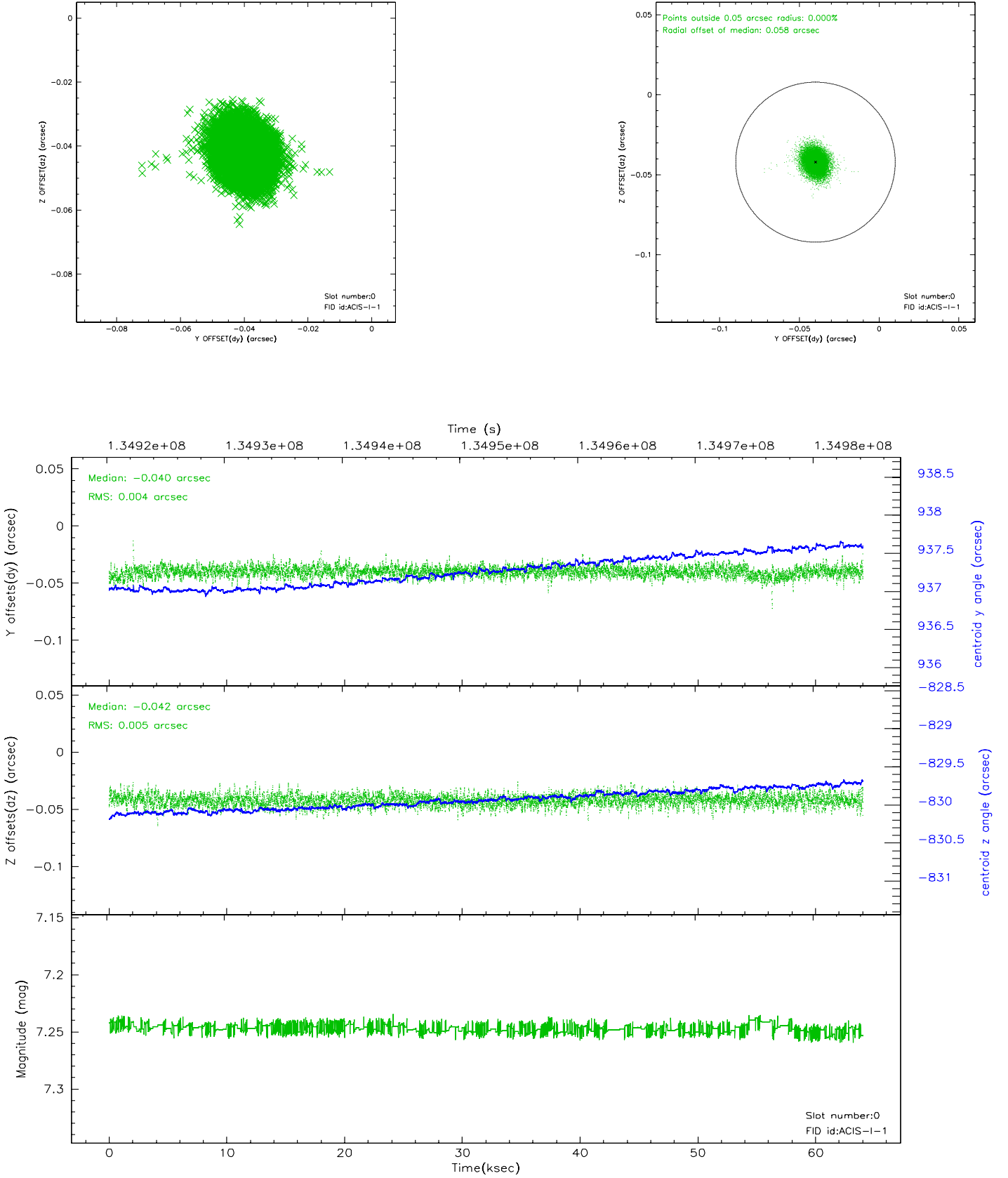


2.4.5 Slot 7

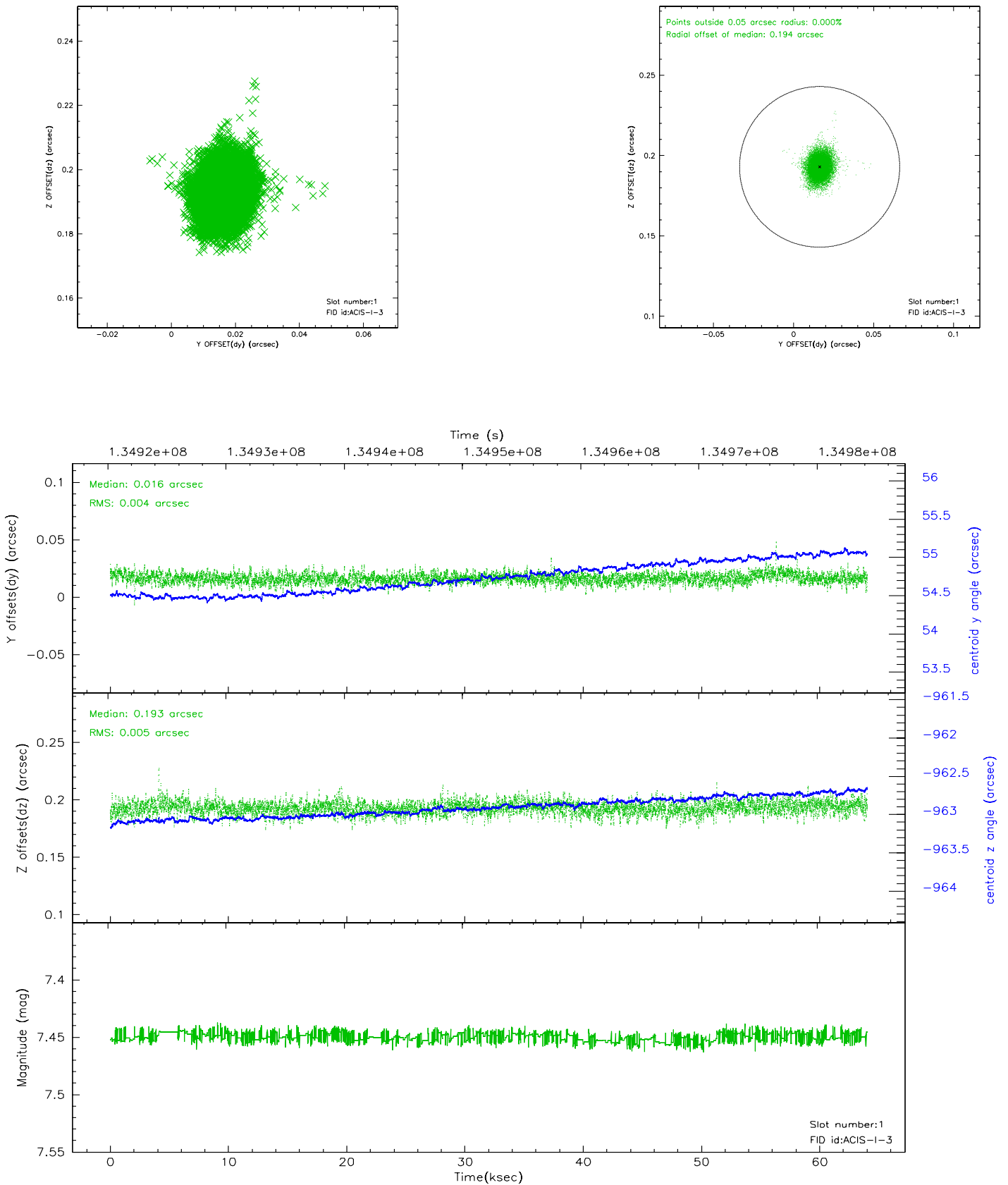


2.5 FID Slots

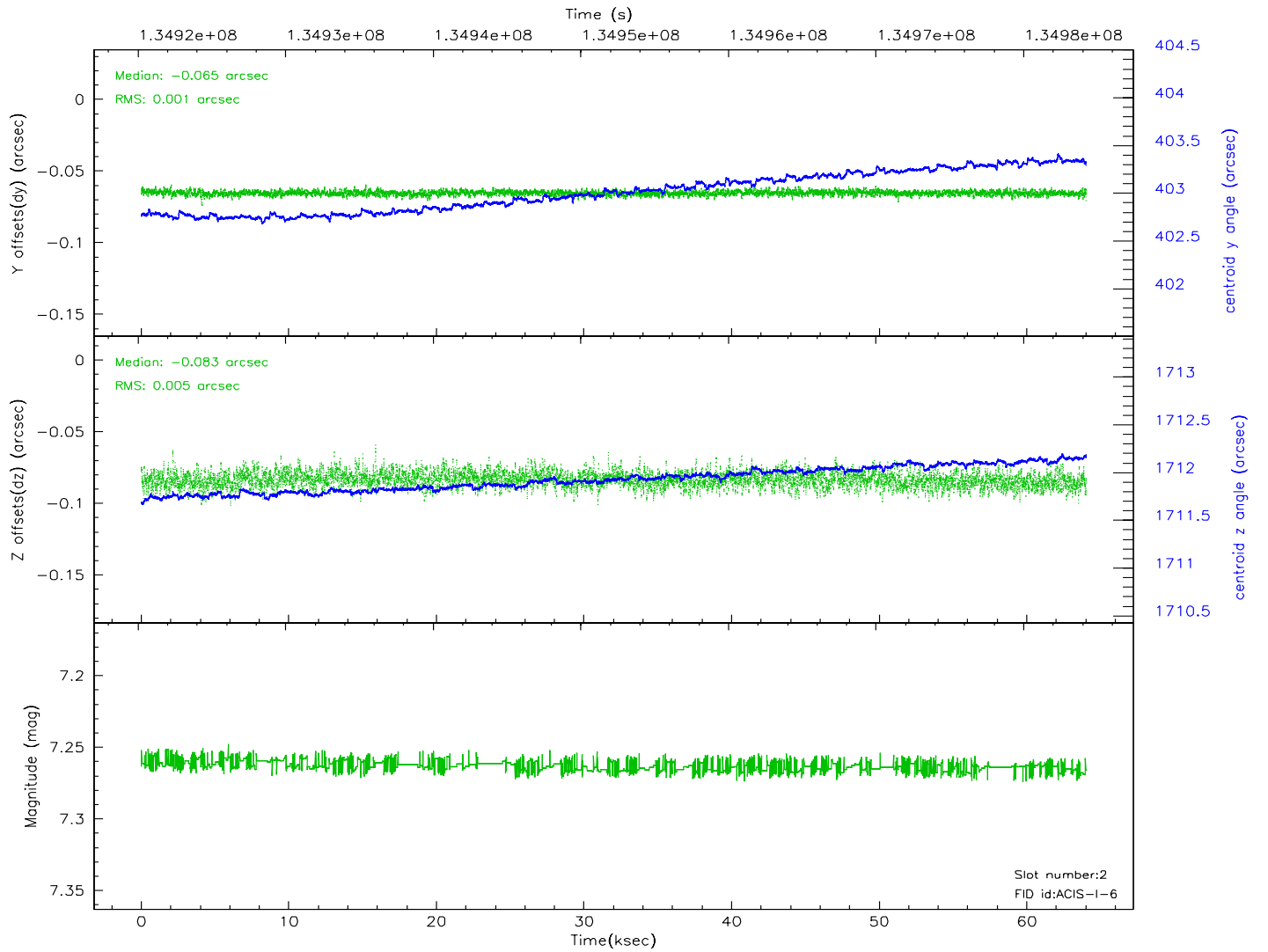
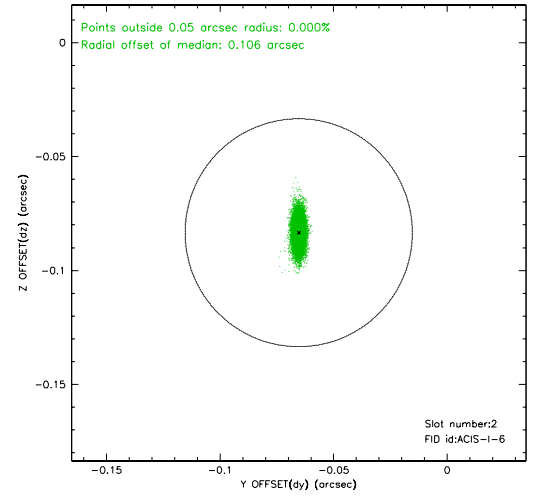
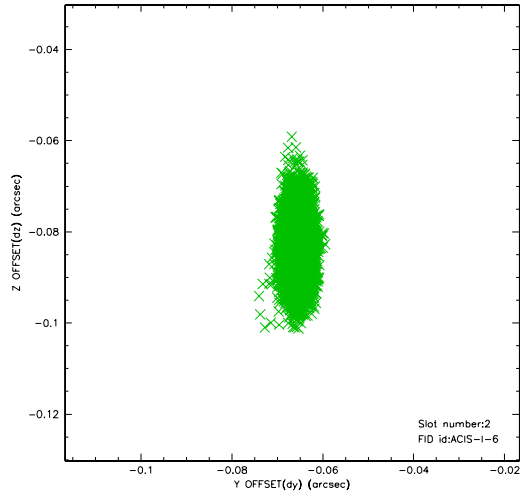
2.5.1 Slot 0



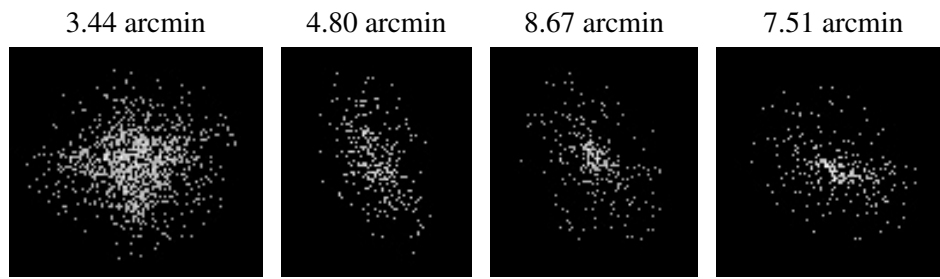
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	63.745

A.2 Comments