

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5757 - L2 Version 002
Chandra X-Ray Center

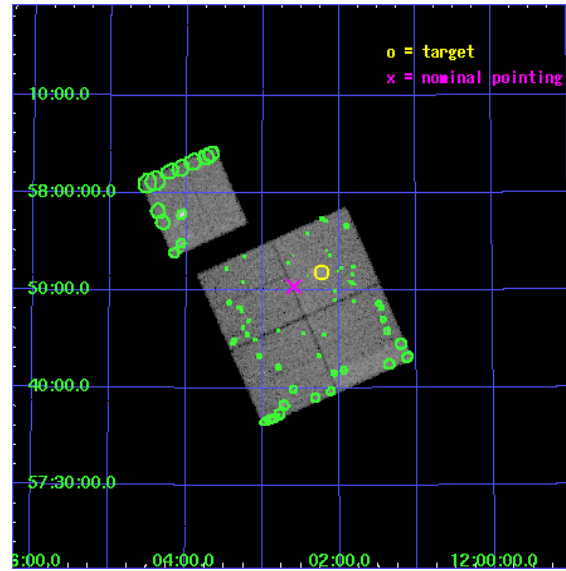
L2 Processing Date : Mar 23 2006

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1 Front

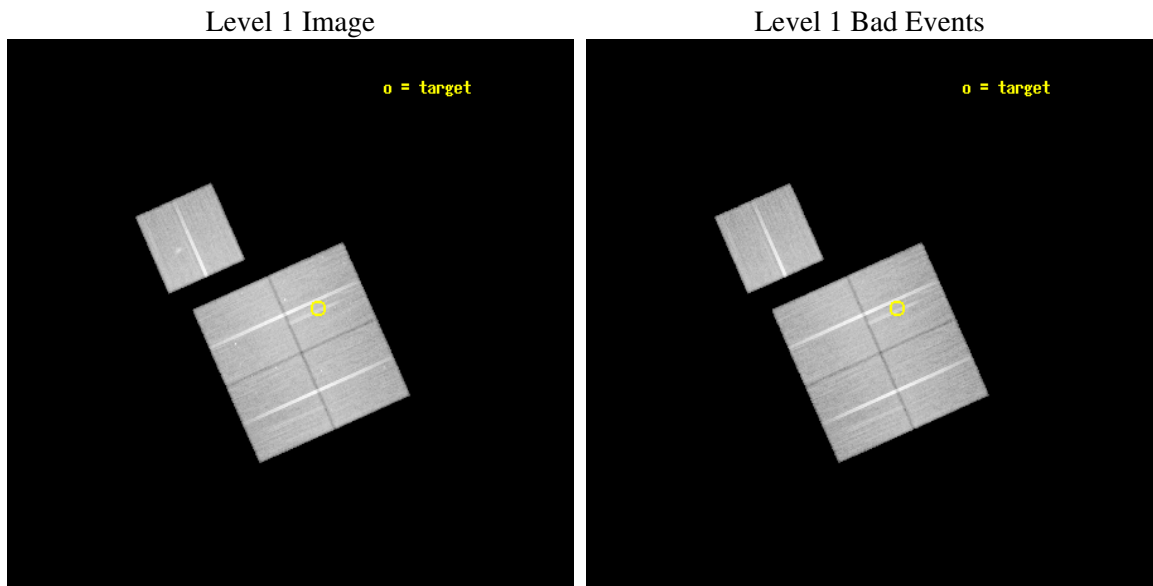
seq_num	800470
obs_id	5757
title	DARK ENERGY WITH X-RAY CLUSTERS: CHANDRA OBSERVATIONS OF 41 HIGH-REDSHIFT CLUSTERS FROM THE 400 deg^2 ROSAT PSPC SURVEY
observer	Dr Alexey Vikhlinin
object	cl1202+5751
dtcycle	0
cycle	P
ra_targ	180.557083
dec_targ	57.864722
ra_nom	180.64880174006
dec_nom	57.840917804187
roll_nom	336.06249568745
revision	2
ontime	59767.958894908
livetime	58987.046511415
ontime0	59771.099885076
ontime1	59764.817944556
ontime2	59767.95892483
ontime3	59767.958894908
ontime6	59767.95892483
l2events	166640



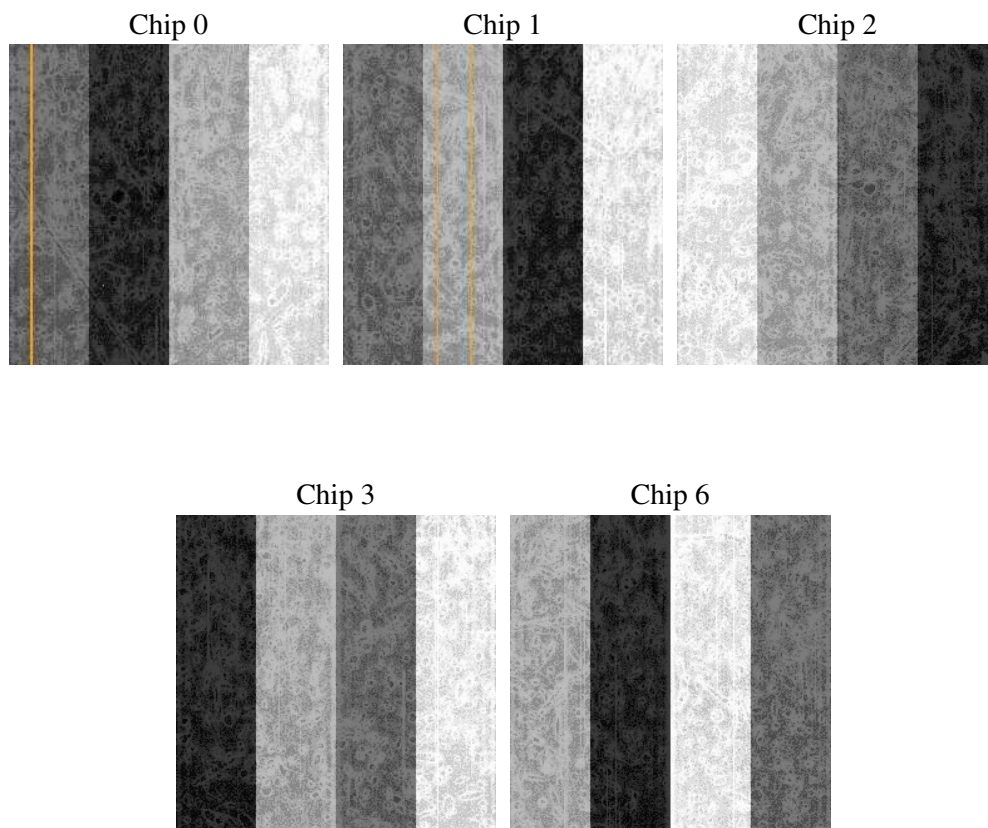
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-23T19:31:14
revision	2

sched_exp_time	60000.000000
ontime	59773.265205532
ontime0	59776.4061957
ontime1	59770.12425518
ontime2	59773.265255362
ontime3	59773.265205532
ontime6	59773.265235454
l1events	1856238

2.1.4 Events

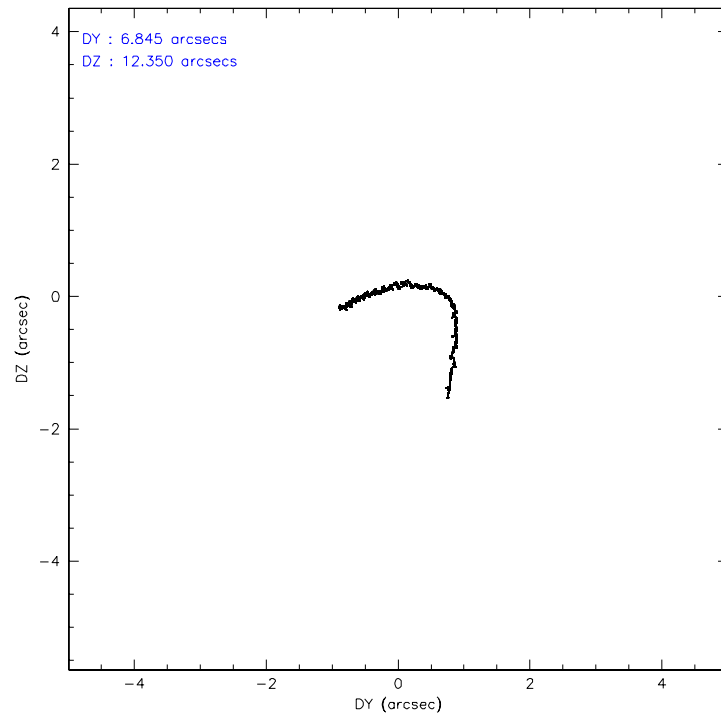
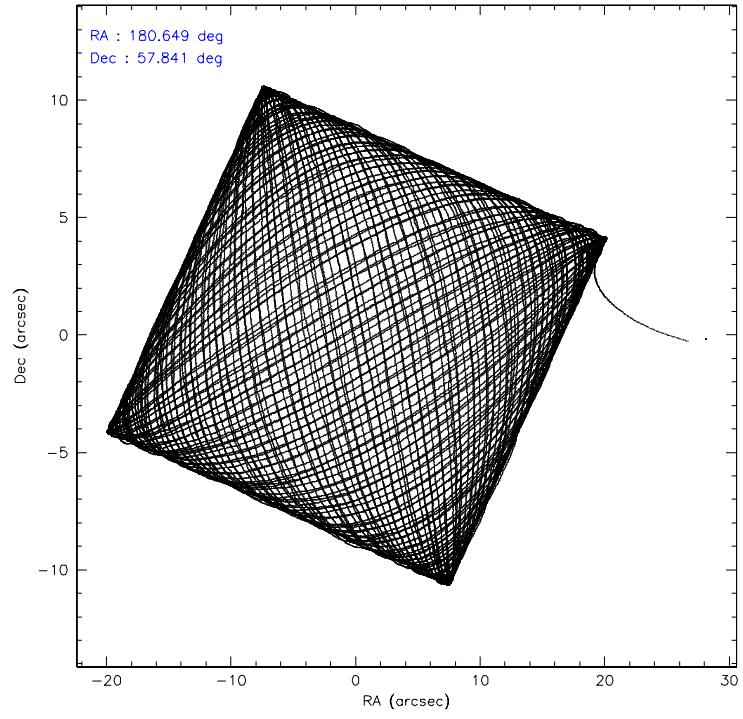
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	352210	349434	399852	378432	376310
rejected events	314312	306455	362035	339397	335508
rejected %	89%	87%	90%	89%	89%

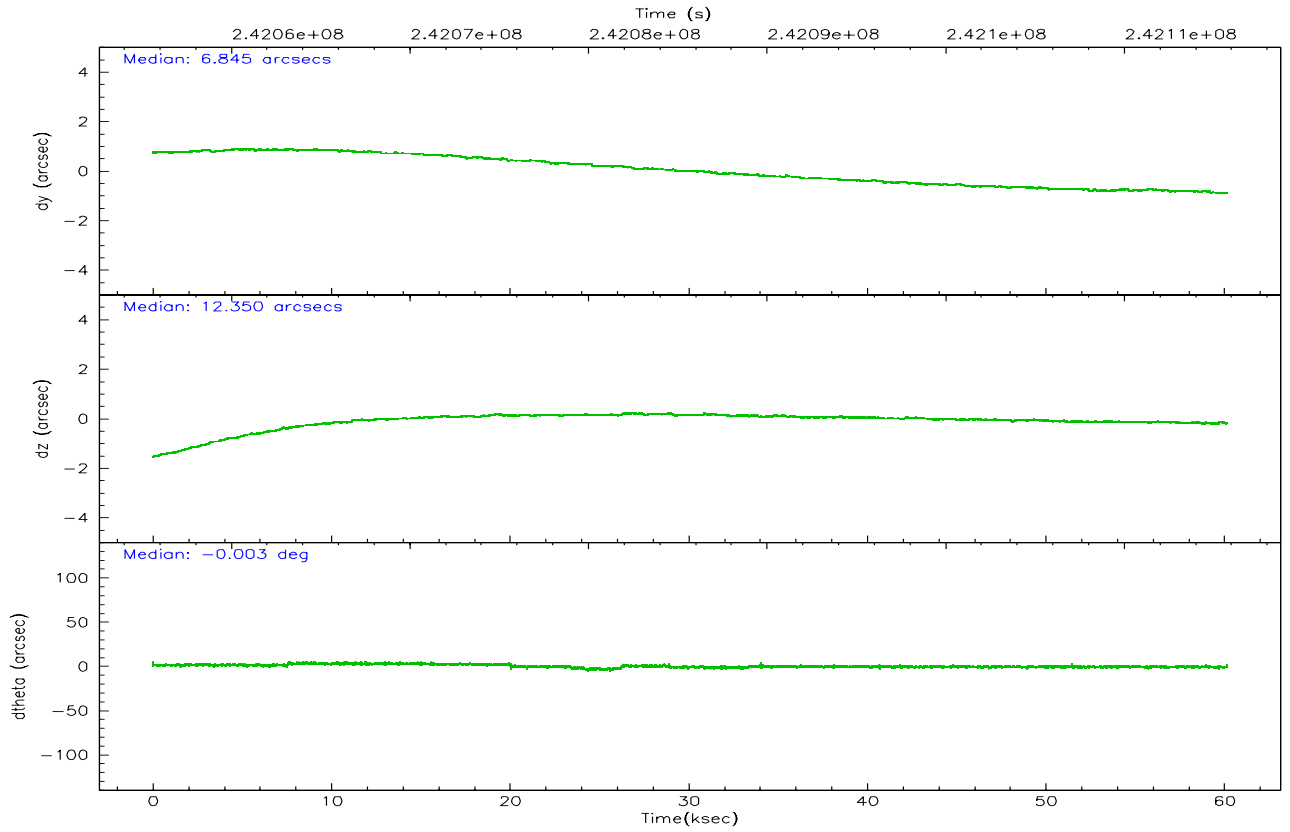
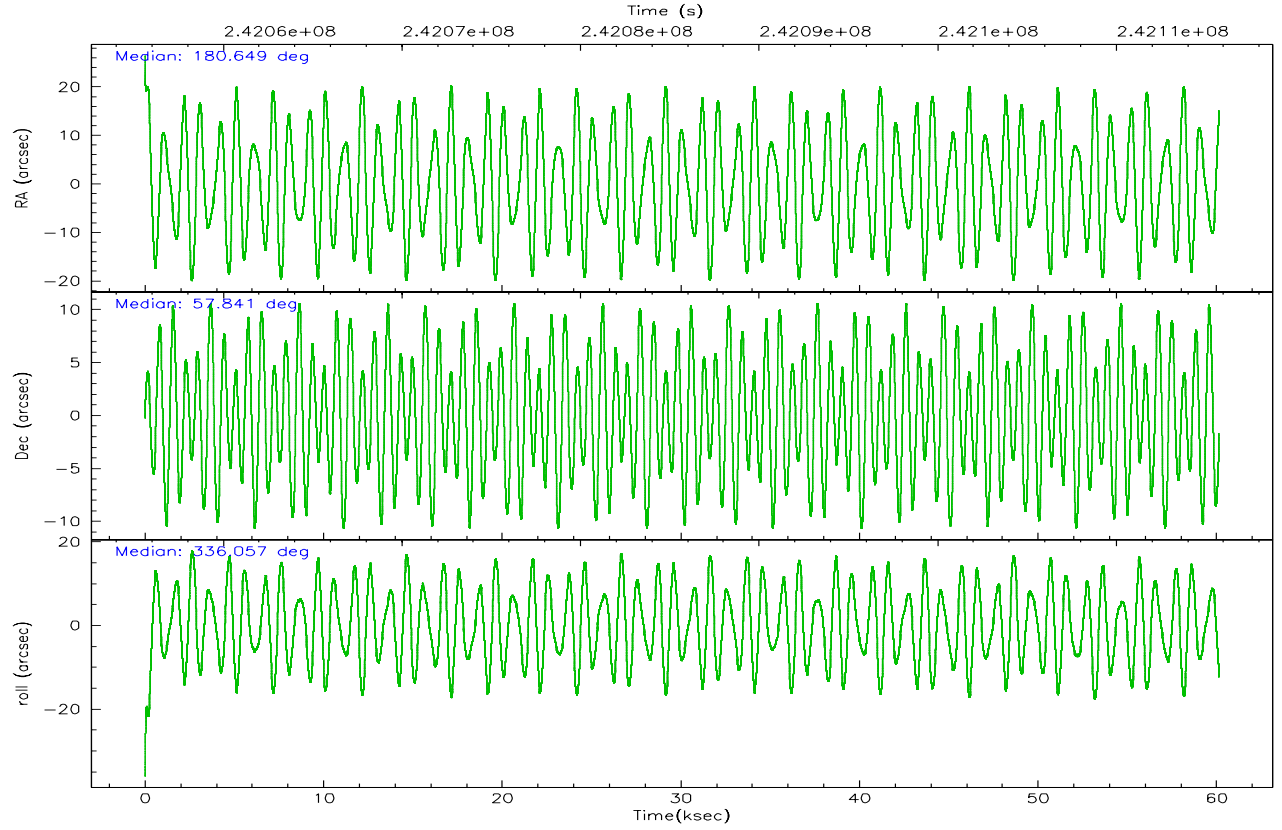
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	13954	16110	14202	15721	15699
	3%	4%	3%	4%	4%
grade 1 events	196	161	216	225	168
	0%	0%	0%	0%	0%
grade 2 events	8758	9397	8782	7872	8427
	2%	2%	2%	2%	2%
grade 3 events	4177	4723	4061	4163	4263
	1%	1%	1%	1%	1%
grade 4 events	3959	4520	4076	4211	4328
	1%	1%	1%	1%	1%
grade 5 events	12351	14124	11977	14958	14620
	3%	4%	2%	3%	3%
grade 6 events	7051	8230	6698	7068	8086
	2%	2%	1%	1%	2%
grade 7 events	301764	292169	349840	324214	320719
	85%	83%	87%	85%	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	180.597679	180.6488017400644	Alternating exposures requested	N	N
Pointing Dec	57.837901	57.84091780418743	Primary exposure time	0.000000	3.1
Pointing Roll	335.897092	336.0624956874476			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8433433320239			
SIM translation stage offset (mm)	-7.752	-7.749109670905796			
Observation start time	242055756.184000	242054543.63604			
Observation start date	2005-09-02T13:41:32	2005-09-02T13:22:23			
Observation end time	242115756.184000	242116211.22637			
Observation end date	2005-09-03T06:21:32	2005-09-03T06:30:11			
Read mode	TIMED	TIMED			

2.3 Aspect



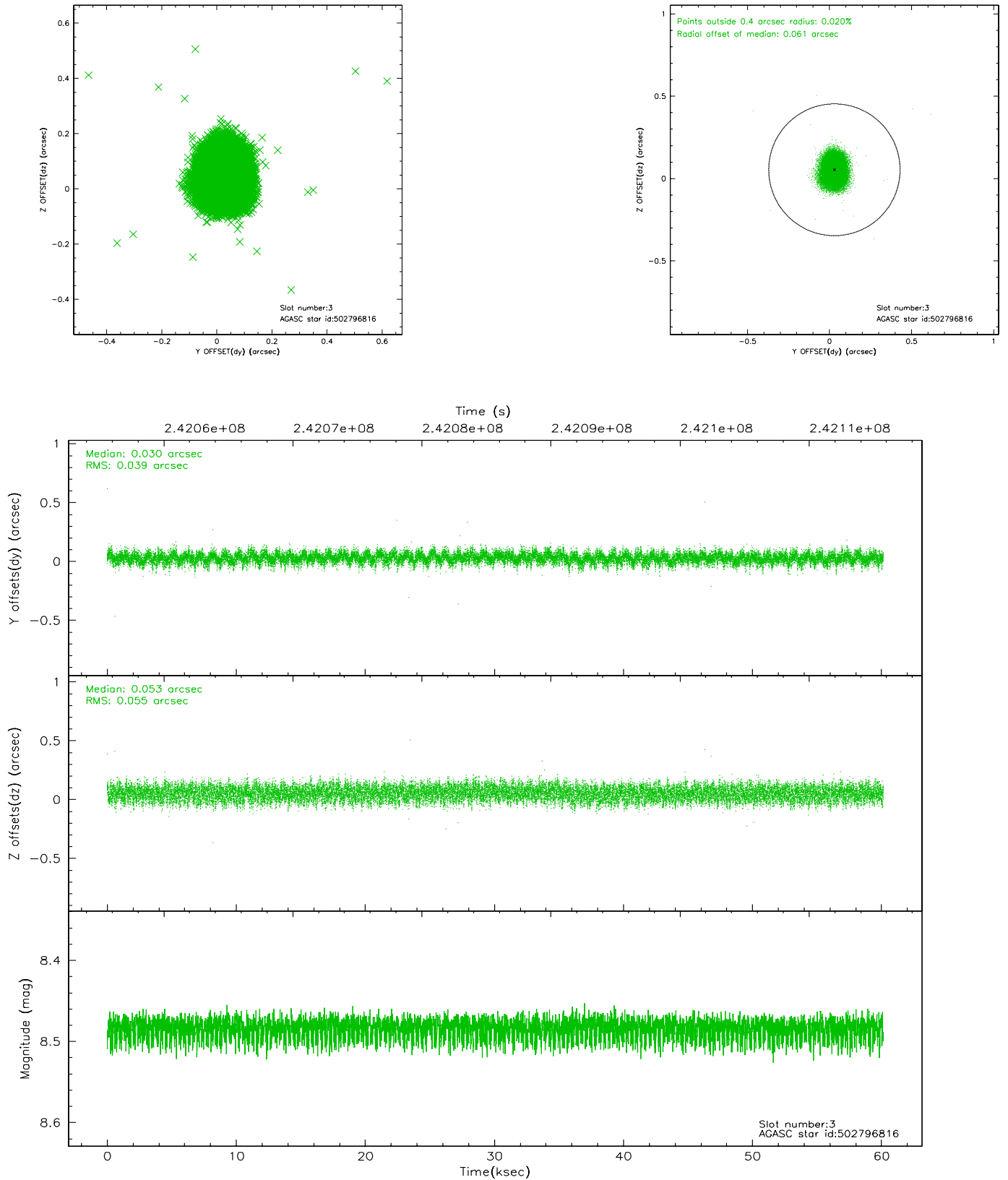


Slot Statistics

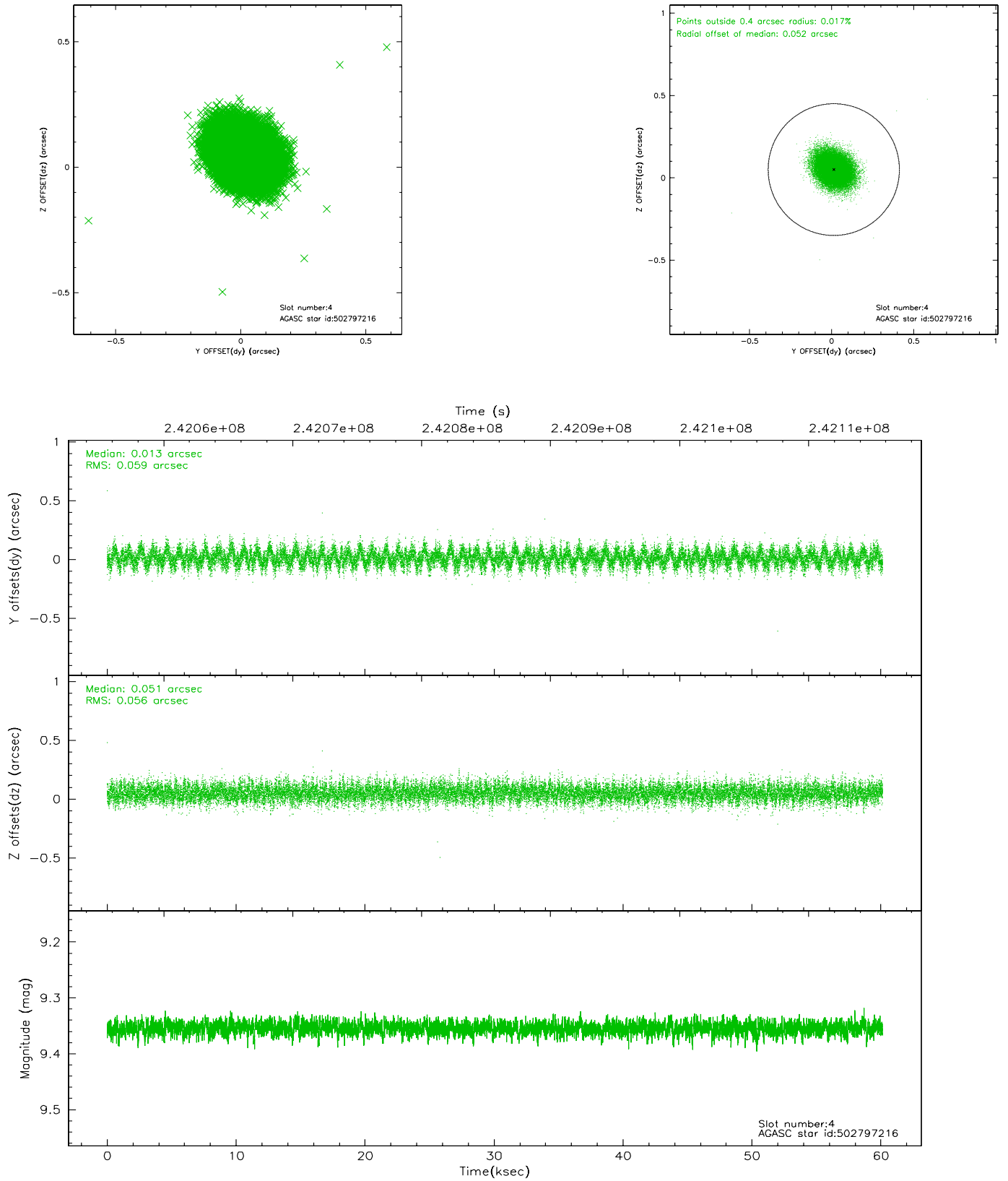
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.18	14670	-0.071	-0.012	0.018	0.035	0.000000	0.000000	-761.99	-1000.21
1	FID	ACIS-I-4	7.14	14668	0.040	0.050	0.023	0.038	0.000000	0.000000	2152.17	905.99
2	FID	ACIS-I-5	7.22	14668	-0.070	0.032	0.024	0.039	0.000000	0.000000	-1815.47	902.79
3	GUIDE	502796816	8.48	29330	0.030	0.053	0.071	0.114	180.073256	57.474716	-394.15	-1604.68
4	GUIDE	502797216	9.35	29328	0.013	0.051	0.086	0.140	180.744655	57.426606	865.56	-1234.78
5	GUIDE	503189344	9.24	29321	-0.007	0.072	0.101	0.160	181.212469	58.115210	657.65	1393.24
6	GUIDE	503191072	7.53	29339	-0.130	-0.073	0.054	0.088	181.684877	57.600556	2256.23	91.79
7	GUIDE	503191544	9.15	29315	0.092	-0.100	0.090	0.145	180.475409	57.943450	-368.01	251.48

2.4 Star Slots

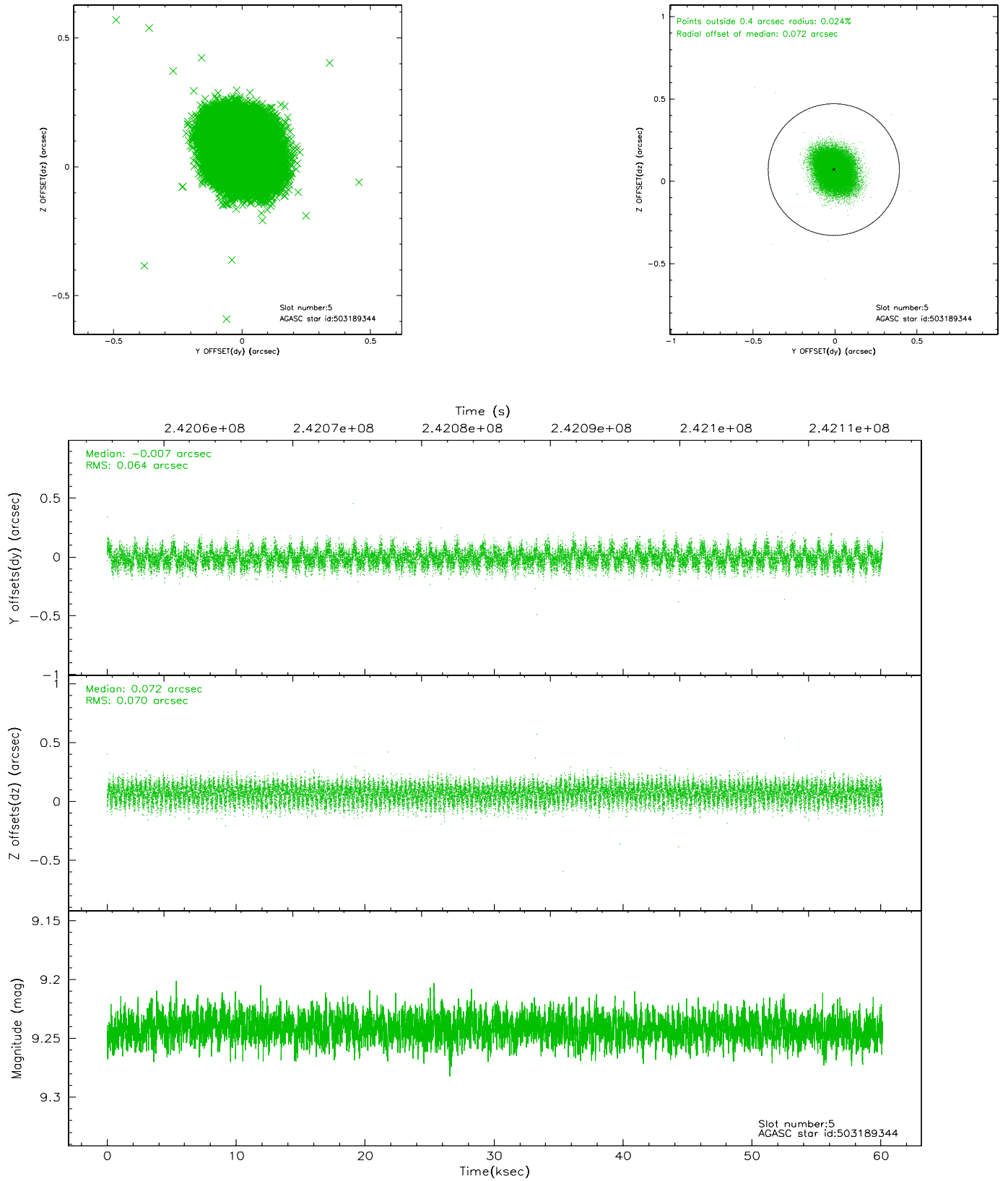
2.4.1 Slot 3



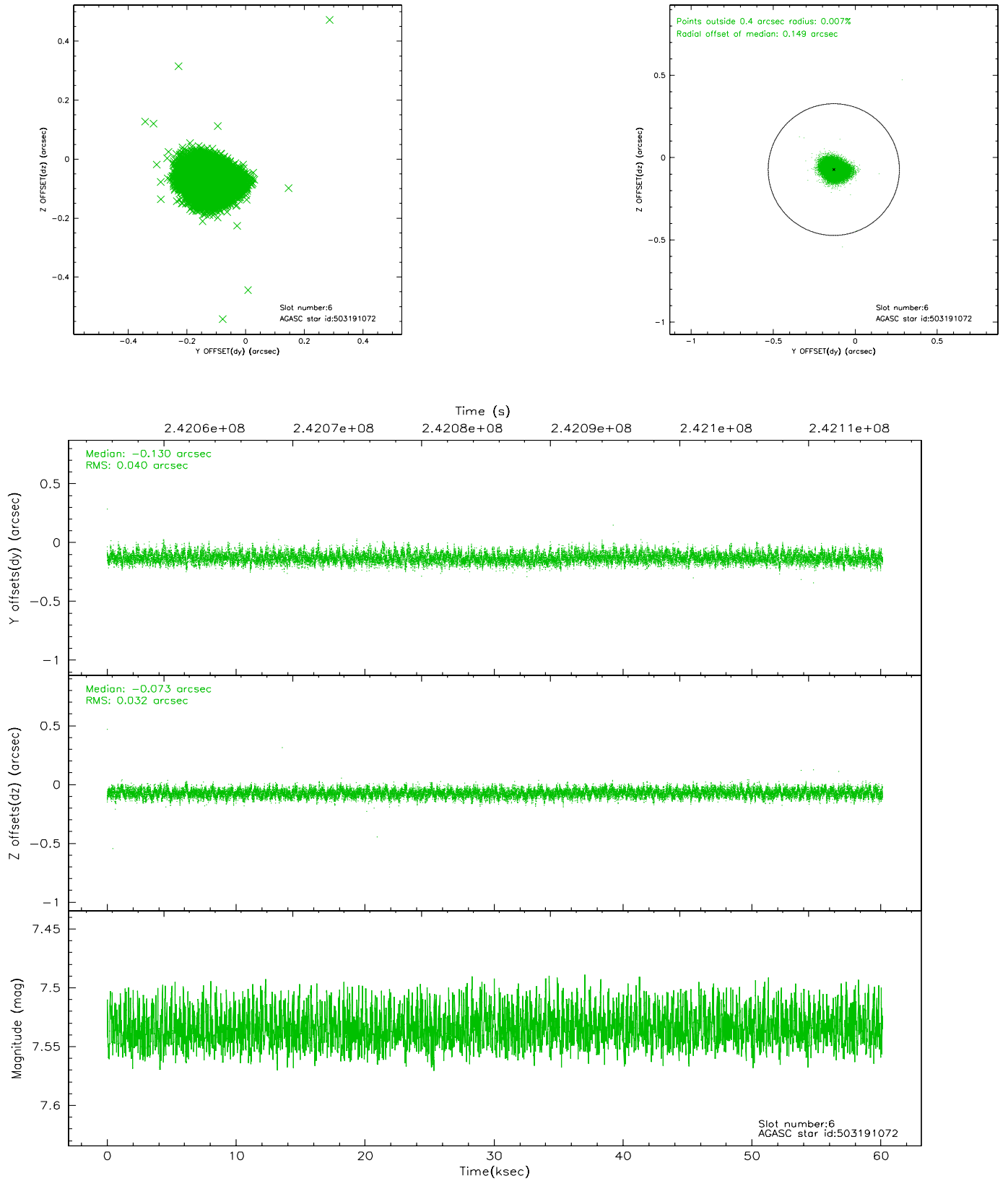
2.4.2 Slot 4



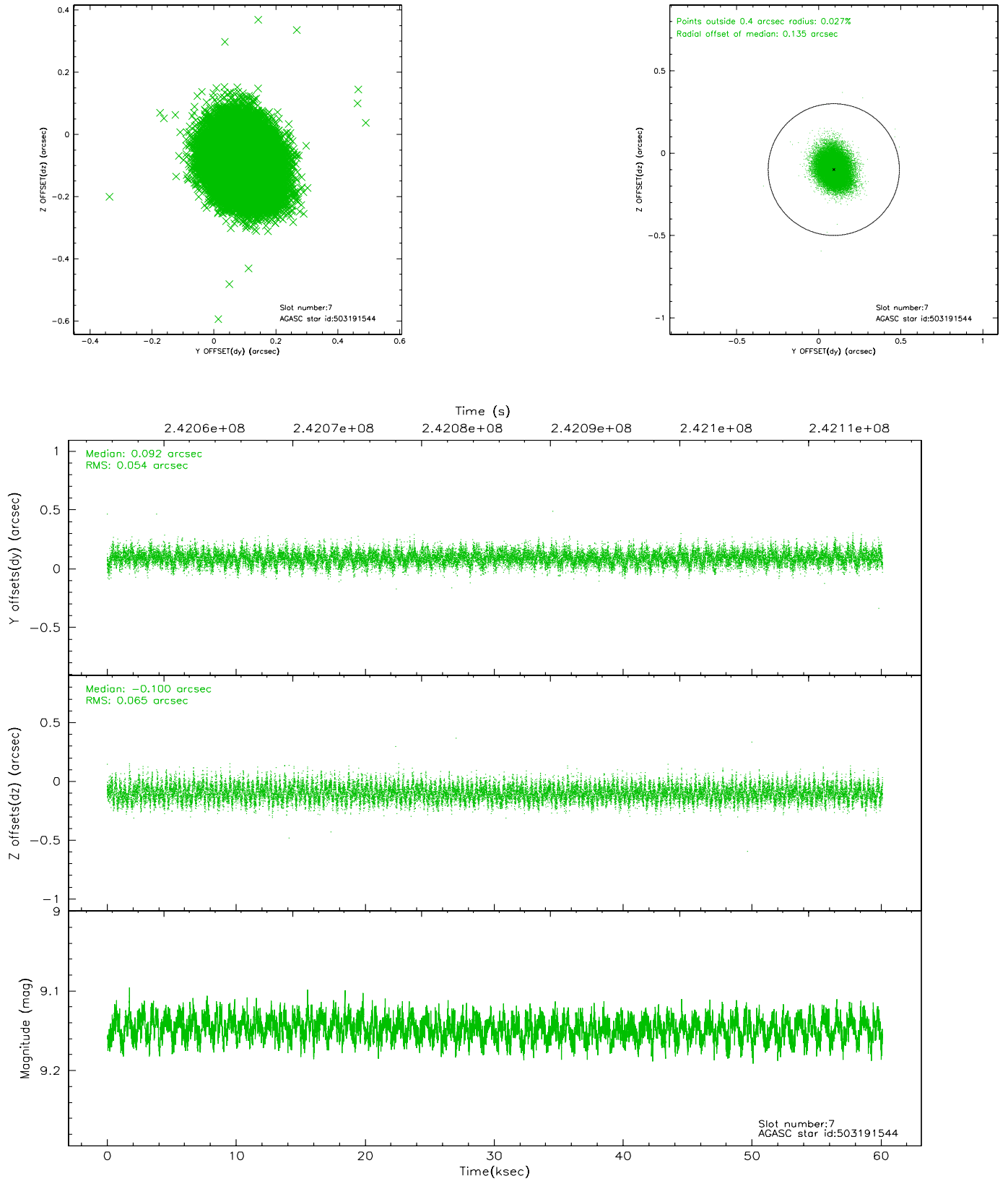
2.4.3 Slot 5



2.4.4 Slot 6

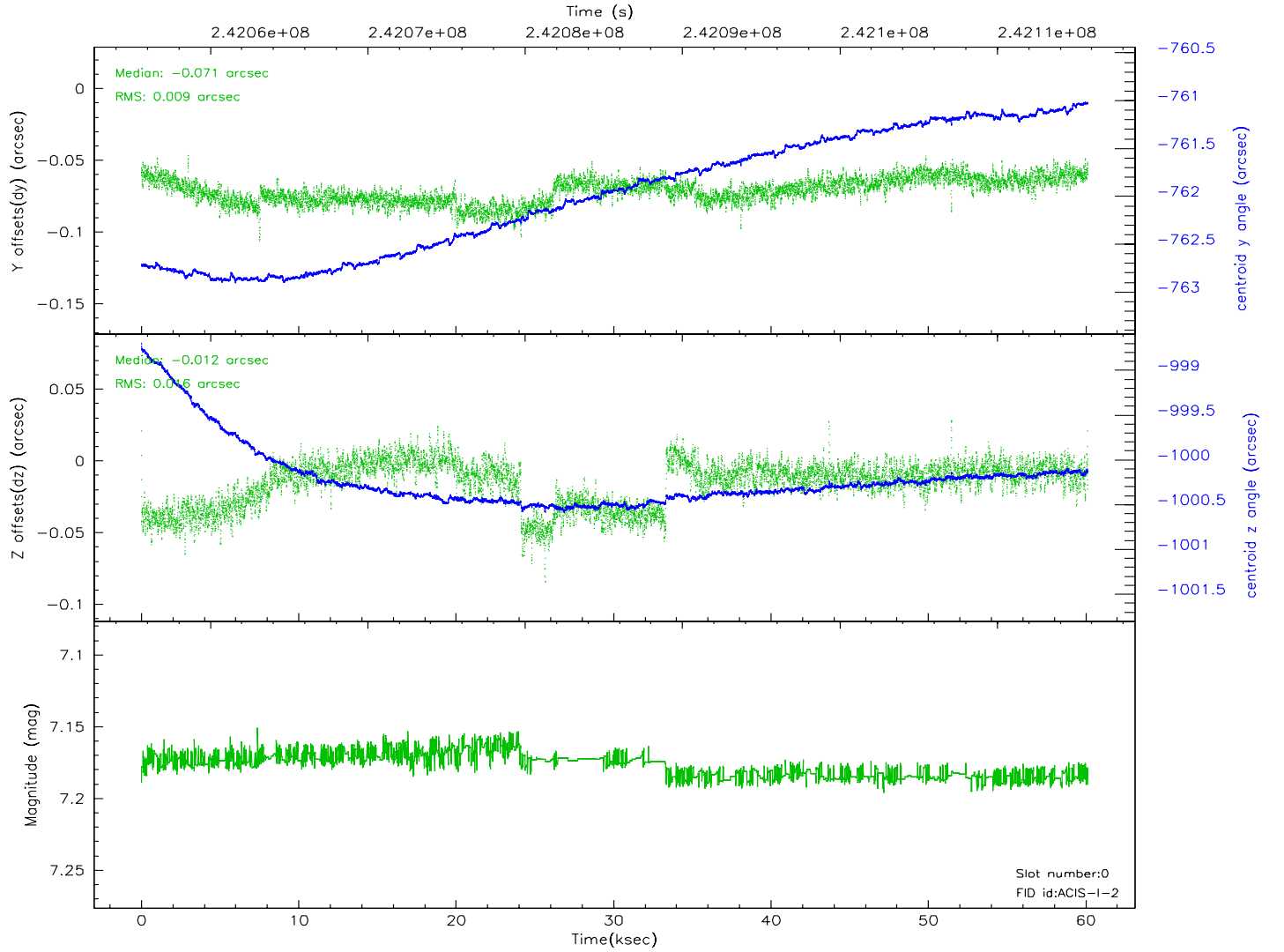
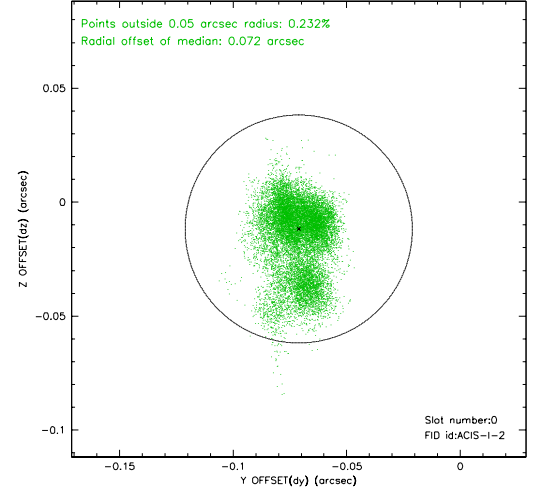
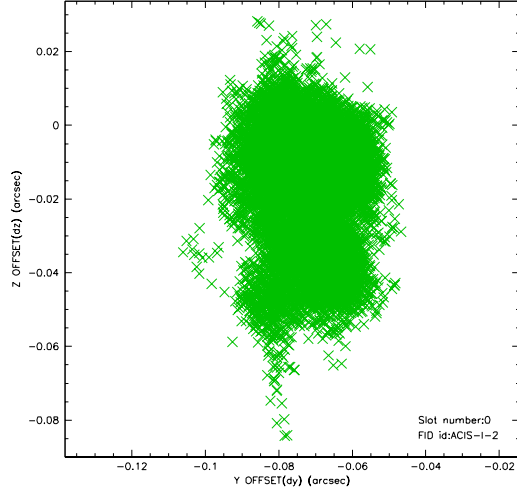


2.4.5 Slot 7

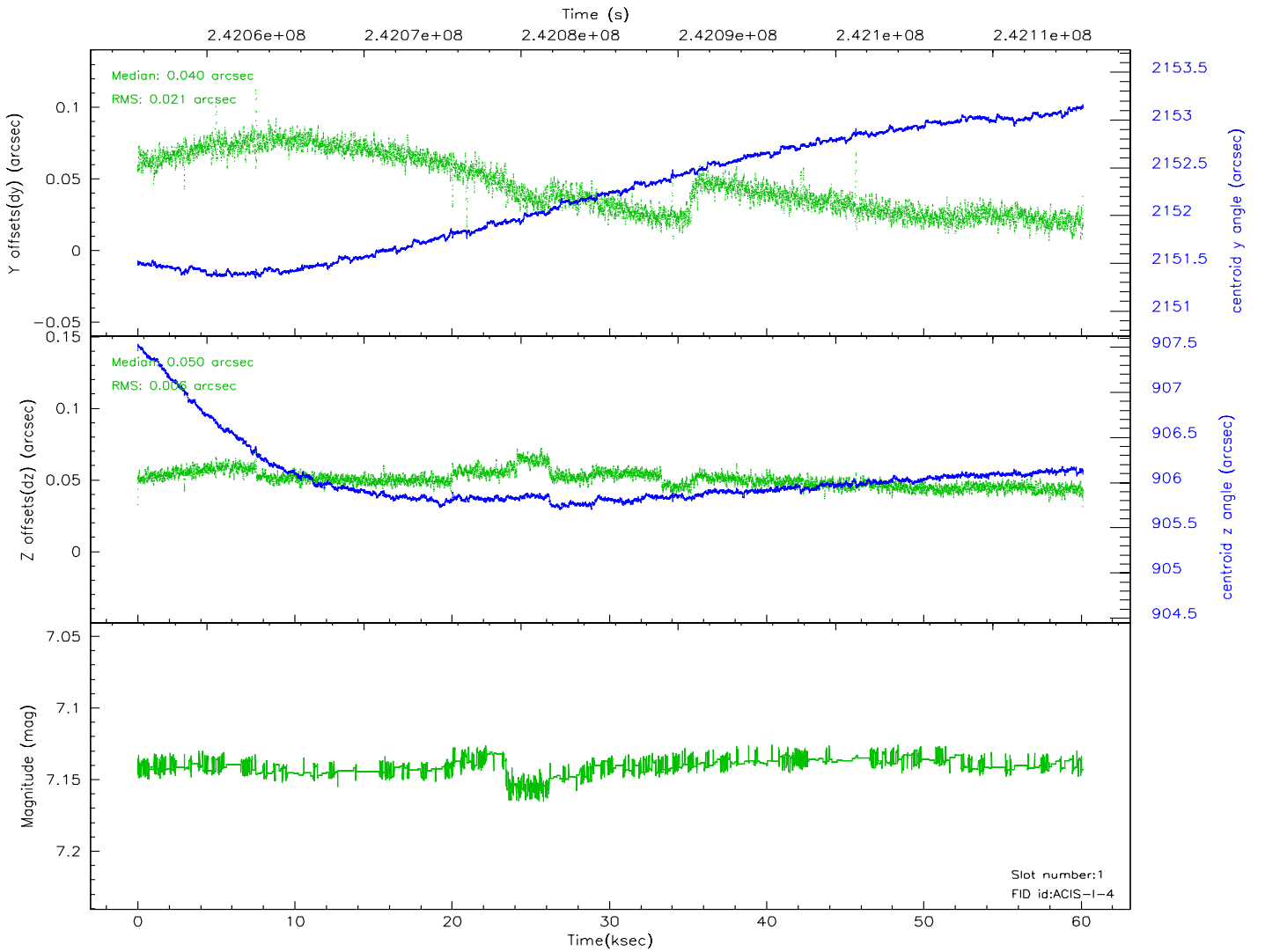
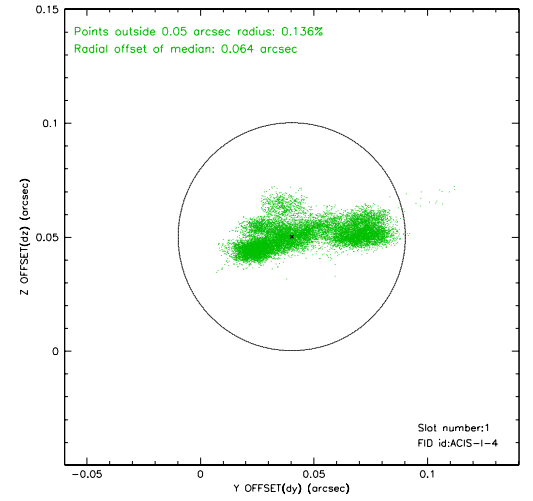
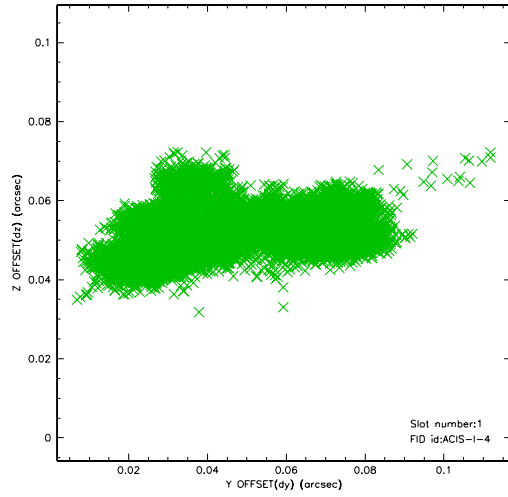


2.5 FID Slots

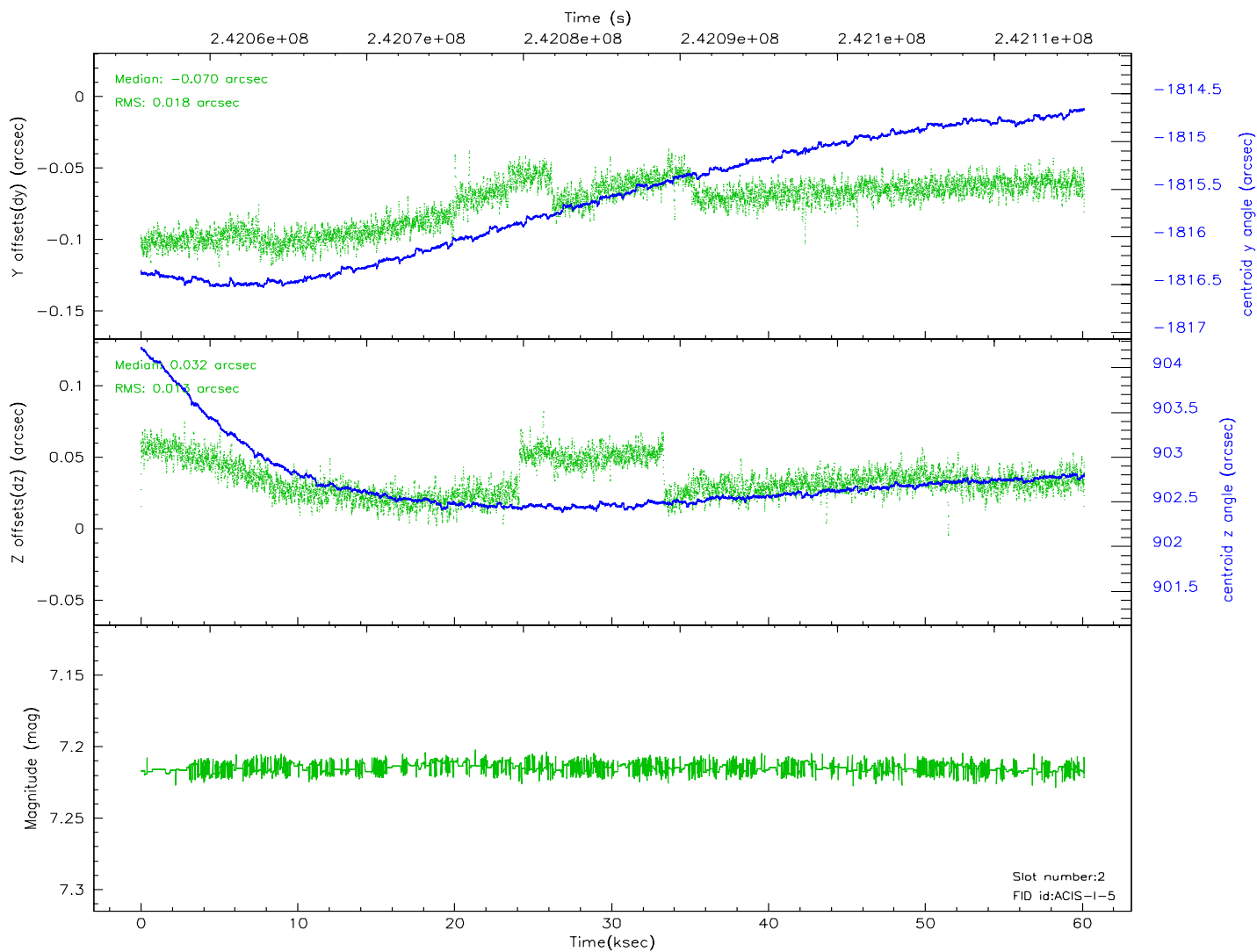
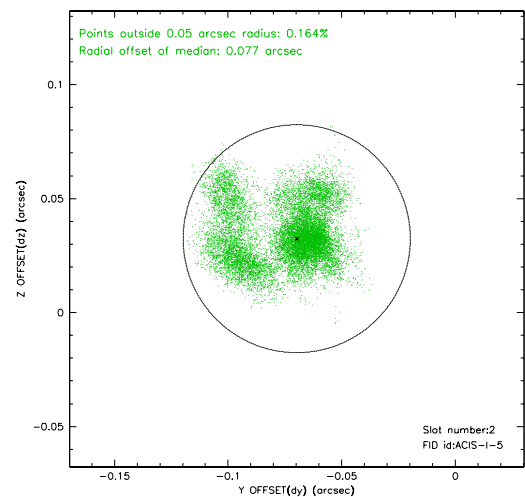
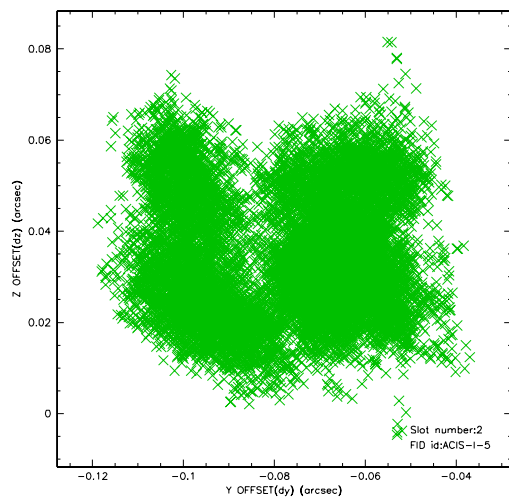
2.5.1 Slot 0



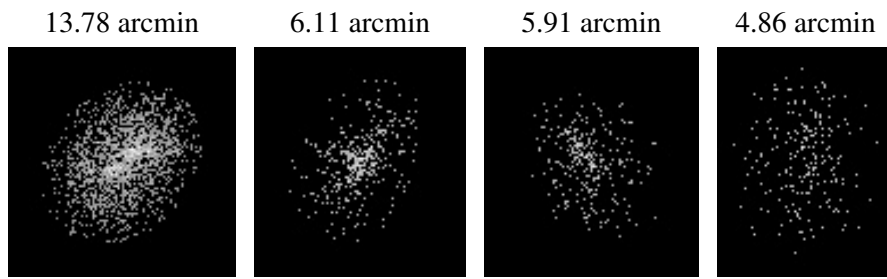
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.76795

A.2 Comments