

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6356 - L2 Version 002
Chandra X-Ray Center

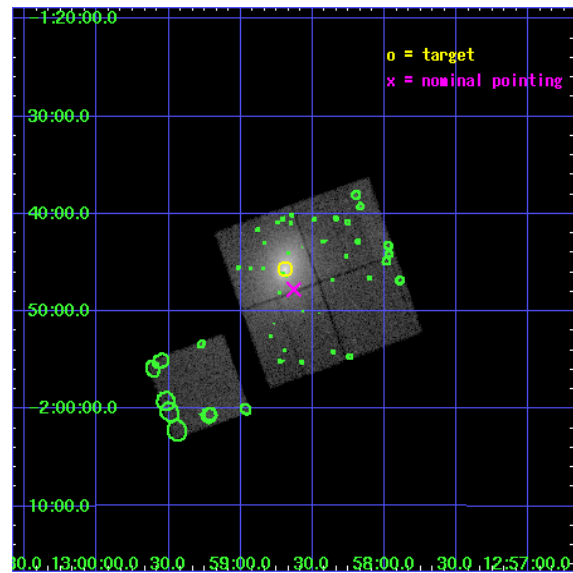
L2 Processing Date : Mar 19 2006

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1 Front

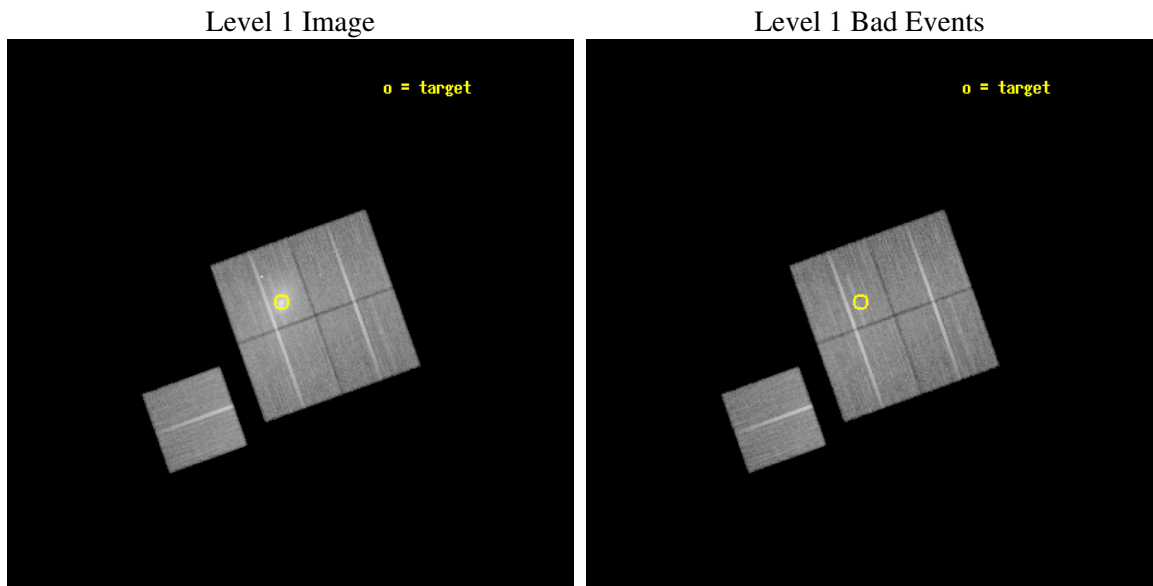
seq_num	800535
obs_id	6356
title	A Deep Observation of a Radio-Quiet Cooling Flow
observer	Dr. Megan Donahue
object	Abell 1650
dtcycle	0
cycle	P
ra_targ	194.672083
dec_targ	-1.761389
ra_nom	194.65758441095
dec_nom	-1.7961381506272
roll_nom	250.29918285397
revision	2
ontime	37044.917978376
livetime	36560.898852917
ontime0	37051.199928761
ontime1	37048.058968514
ontime2	37038.636017919
ontime3	37044.917978376
ontime6	37048.058968514
l2events	214949



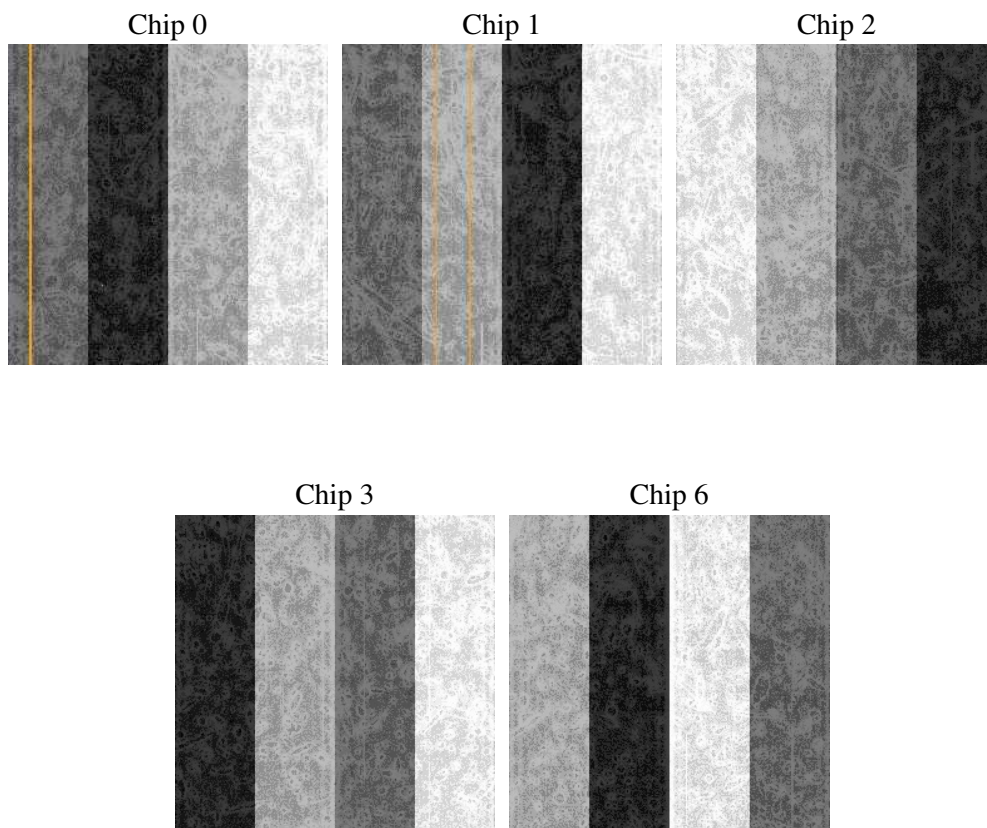
2 OBI

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	2006-03-19T05:06:59
revision	2

sched_exp_time	37000.000000
ontime	37051.266778827
ontime0	37057.548729211
ontime1	37054.407768965
ontime2	37044.984818369
ontime3	37051.266778827
ontime6	37054.407768965
l1events	1214899

2.1.4 Events

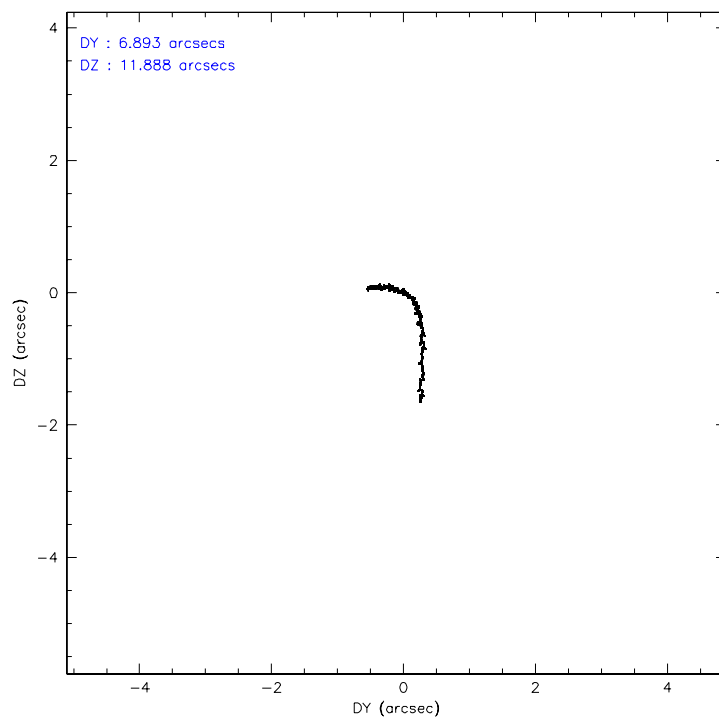
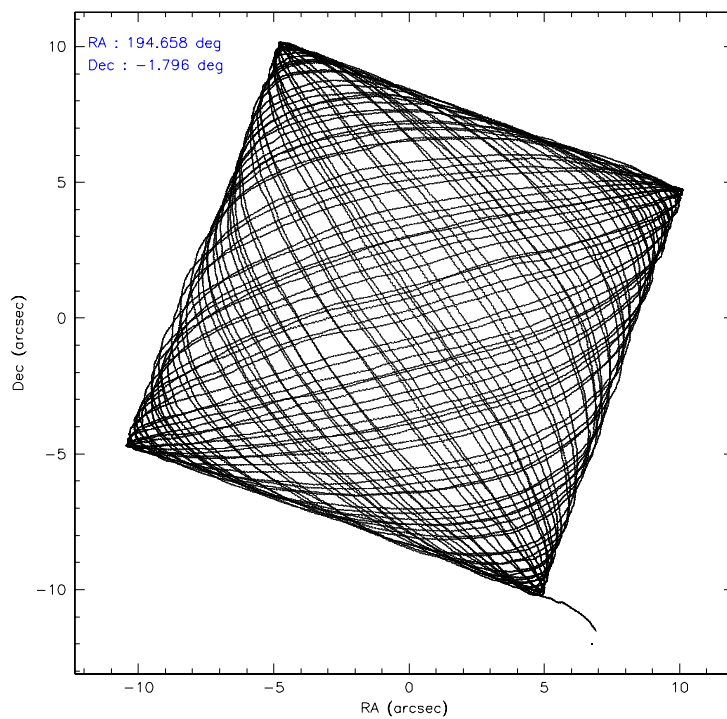
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	207414	215679	243300	327559	220947
rejected events	182366	182106	209474	205888	197017
rejected %	87%	84%	86%	62%	89%

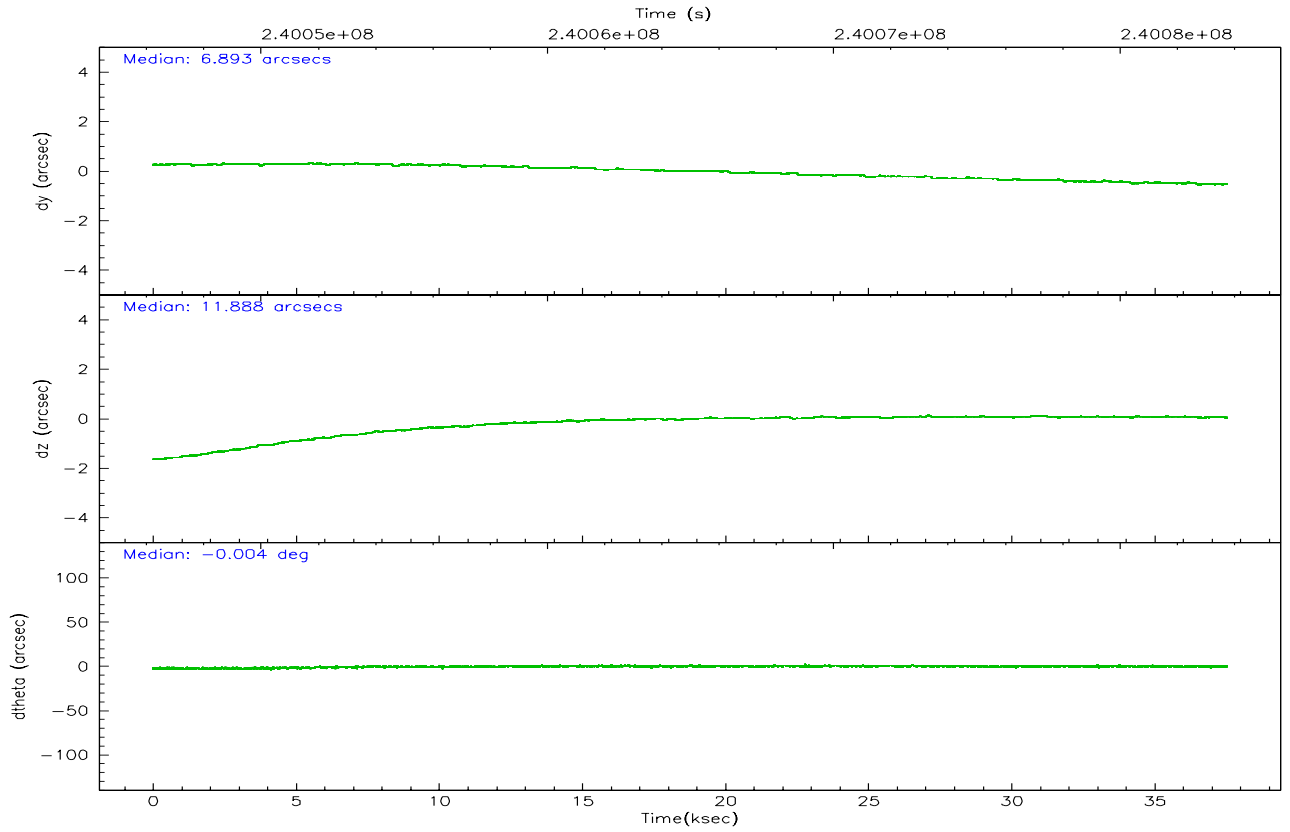
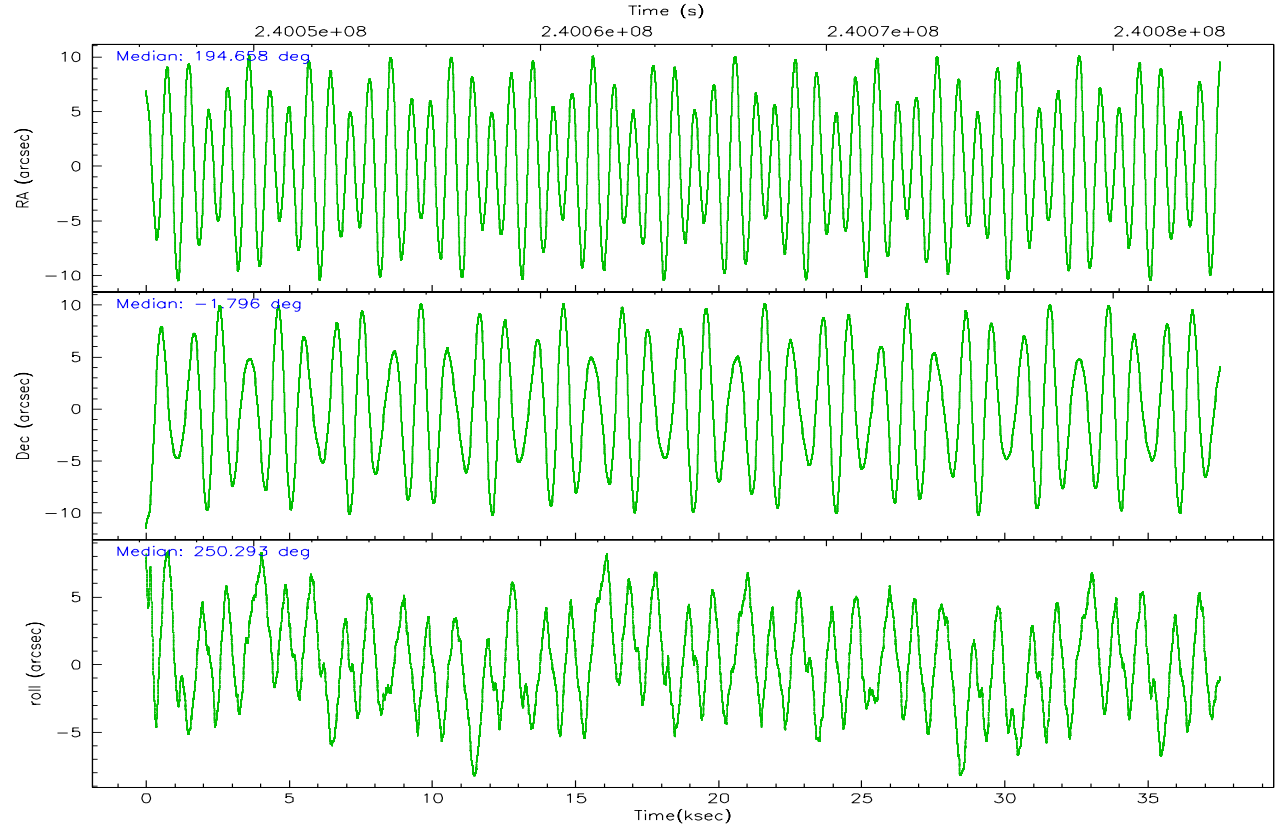
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	9819	16091	17829	90394	9008
	4%	7%	7%	27%	4%
grade 1 events	118	132	197	529	111
	0%	0%	0%	0%	0%
grade 2 events	5617	6453	6235	14042	4979
	2%	2%	2%	4%	2%
grade 3 events	2732	3056	2723	5299	2575
	1%	1%	1%	1%	1%
grade 4 events	2459	2944	2776	5413	2572
	1%	1%	1%	1%	1%
grade 5 events	7983	8758	7422	9495	8941
	3%	4%	3%	2%	4%
grade 6 events	4426	5032	4271	6545	4800
	2%	2%	1%	1%	2%
grade 7 events	174260	173213	201847	195842	187961
	84%	80%	82%	59%	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	194.652578	194.6575844109489	Alternating exposures requested	N	N
Pointing Dec	-1.769220	-1.796138150627177	Primary exposure time	0.000000	3.1
Pointing Roll	250.090336	250.2991828539667			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.592463	-227.5958210972112			
SIM translation stage offset (mm)	-6	-5.996631905718488			
Observation start time	240046749.184000	240045643.99387			
Observation start date	2005-08-10T07:38:05	2005-08-10T07:20:43			
Observation end time	240083749.184000	240084623.20816			
Observation end date	2005-08-10T17:54:45	2005-08-10T18:10:23			
Read mode	TIMED	TIMED			

2.3 Aspect



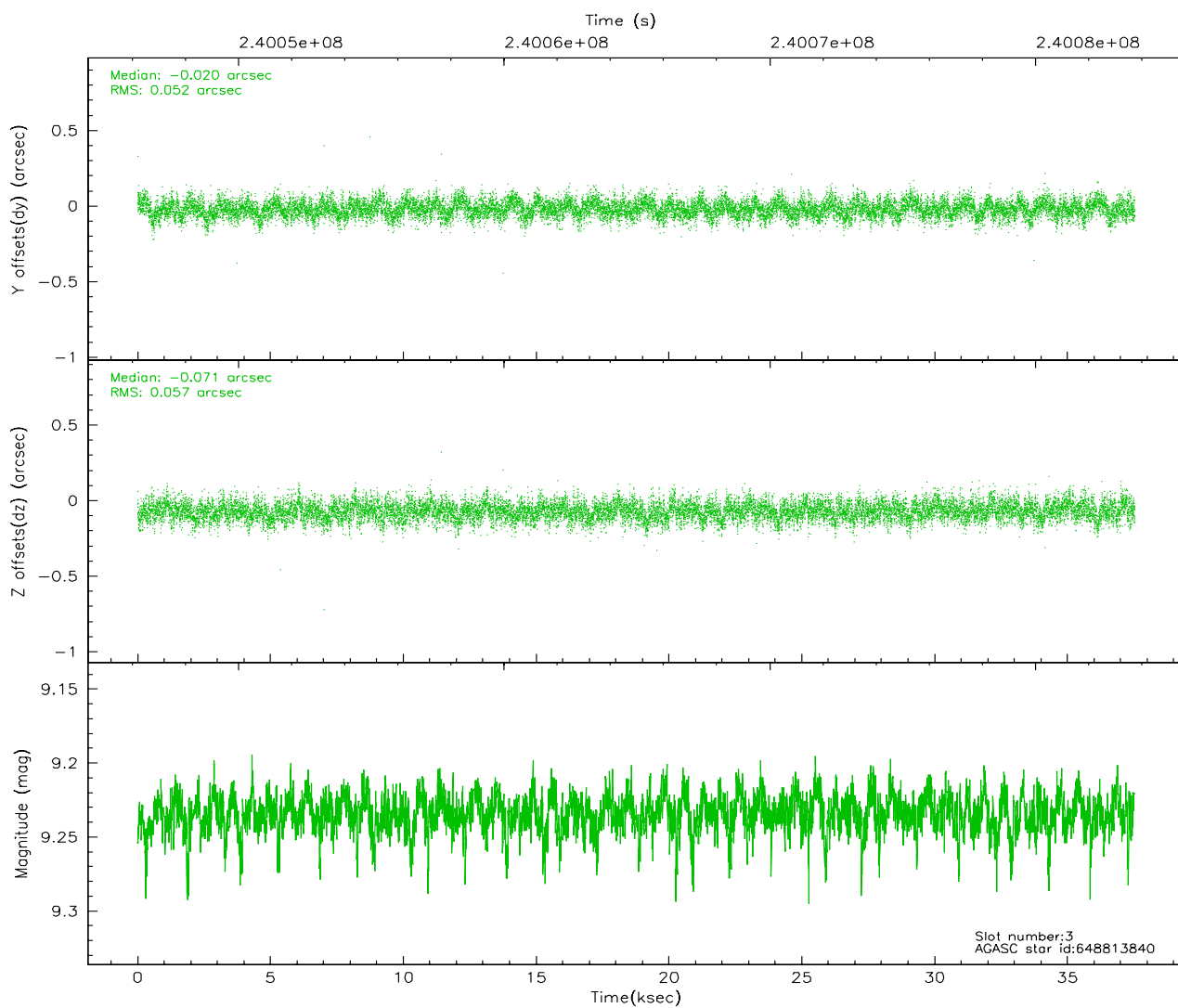
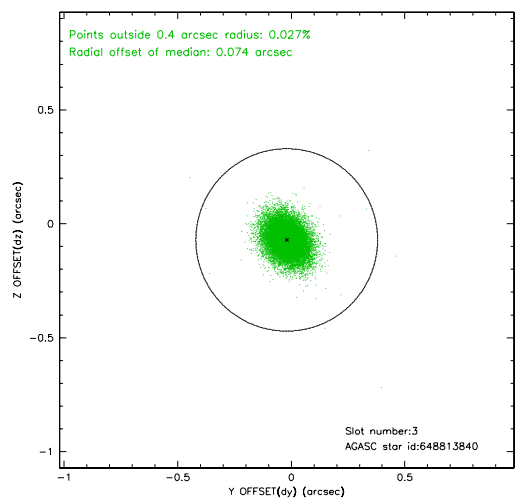
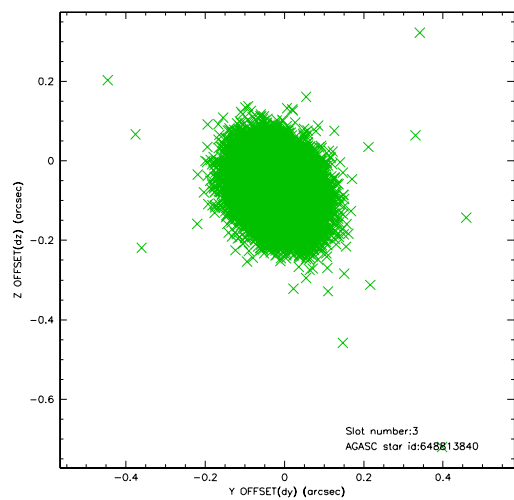


Slot Statistics

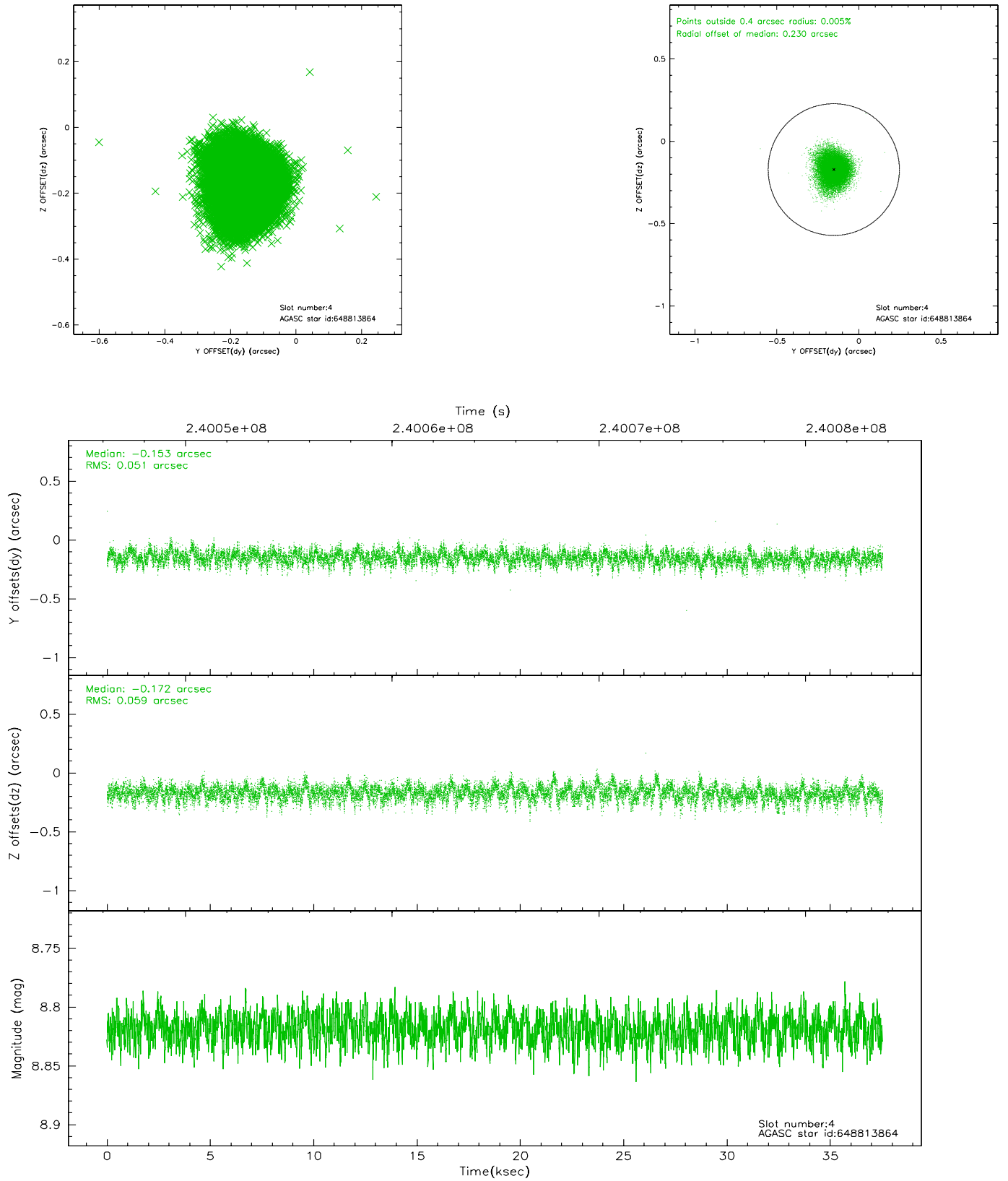
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	9152	0.062	-0.134	0.023	0.050	0.000000	0.000000	932.80	-958.34
1	FID	ACIS-I-4	7.15	9153	-0.019	0.087	0.018	0.041	0.000000	0.000000	2152.40	942.44
2	FID	ACIS-I-5	7.21	9154	-0.145	0.118	0.016	0.027	0.000000	0.000000	-1815.41	939.49
3	GUIDE	648813840	9.23	18296	-0.020	-0.071	0.081	0.134	194.717621	-1.945504	517.51	436.75
4	GUIDE	648813864	8.82	18301	-0.153	-0.172	0.082	0.136	194.235605	-1.103465	-1741.93	-2227.34
5	GUIDE	648815736	9.93	18295	0.156	-0.103	0.140	0.227	194.100949	-2.130858	1900.67	-1422.26
6	GUIDE	648815800	9.55	18289	0.171	0.146	0.109	0.177	194.475560	-2.052849	1177.33	-250.75
7	GUIDE	649731776	10.02	18290	-0.154	0.208	0.187	0.319	195.271404	-1.336449	-2223.02	1563.91

2.4 Star Slots

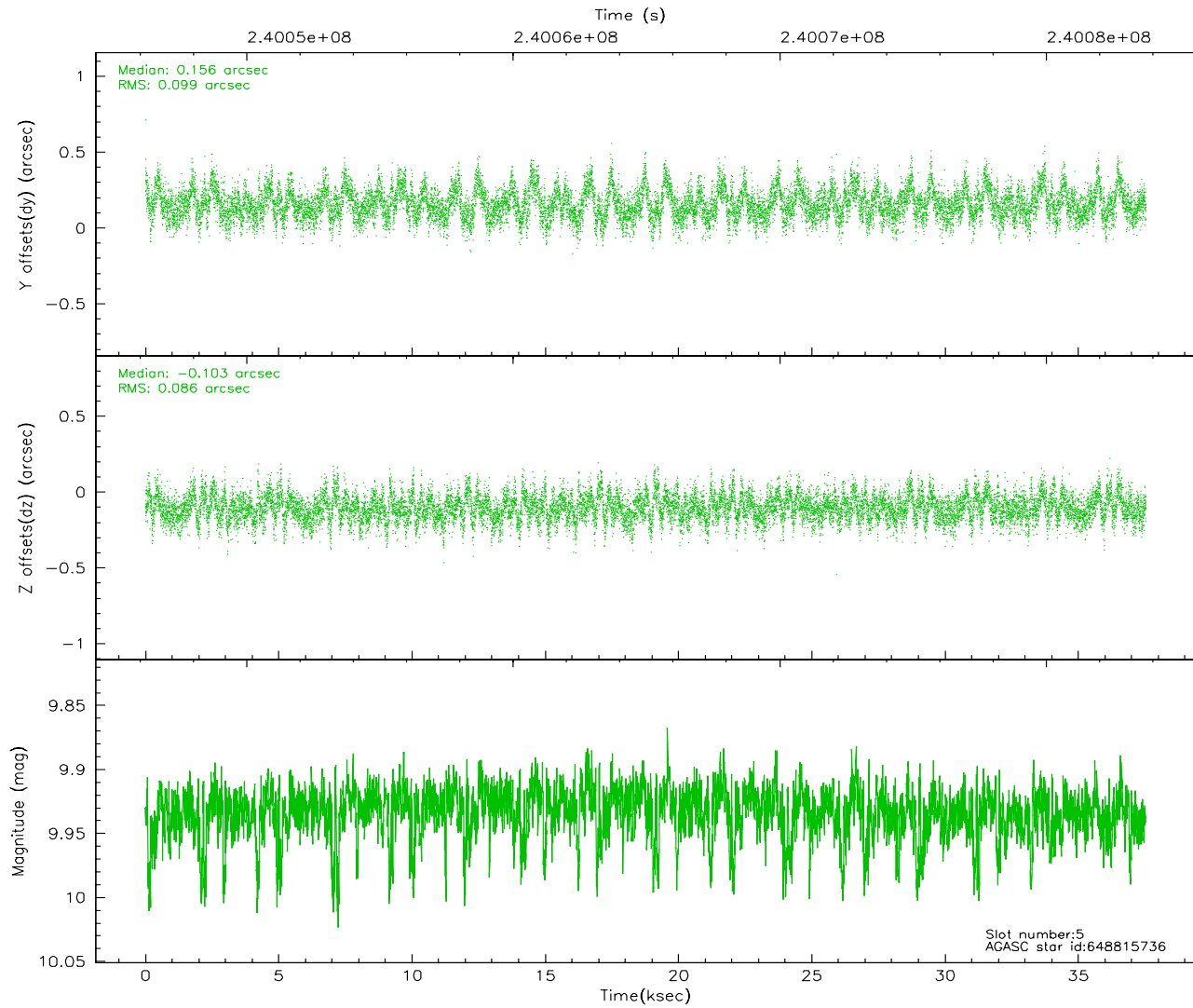
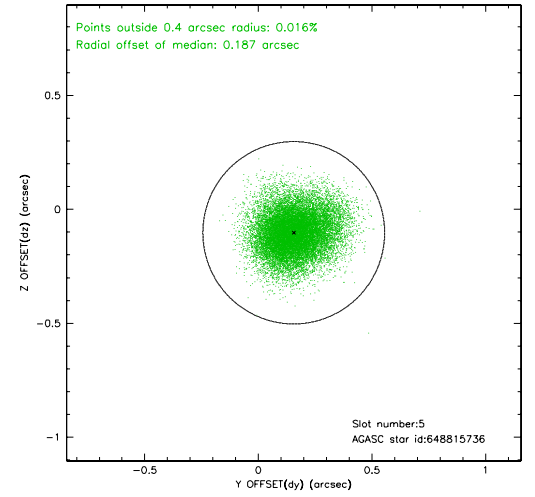
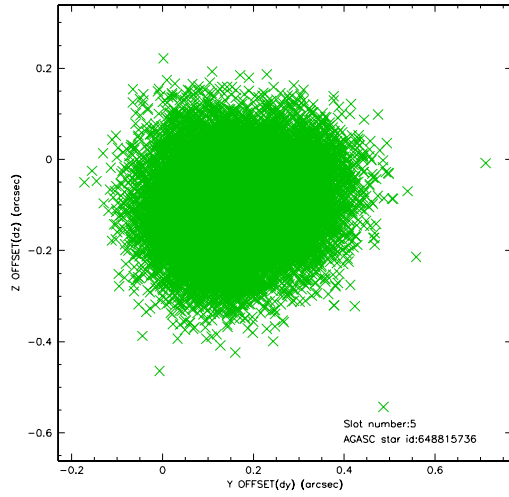
2.4.1 Slot 3



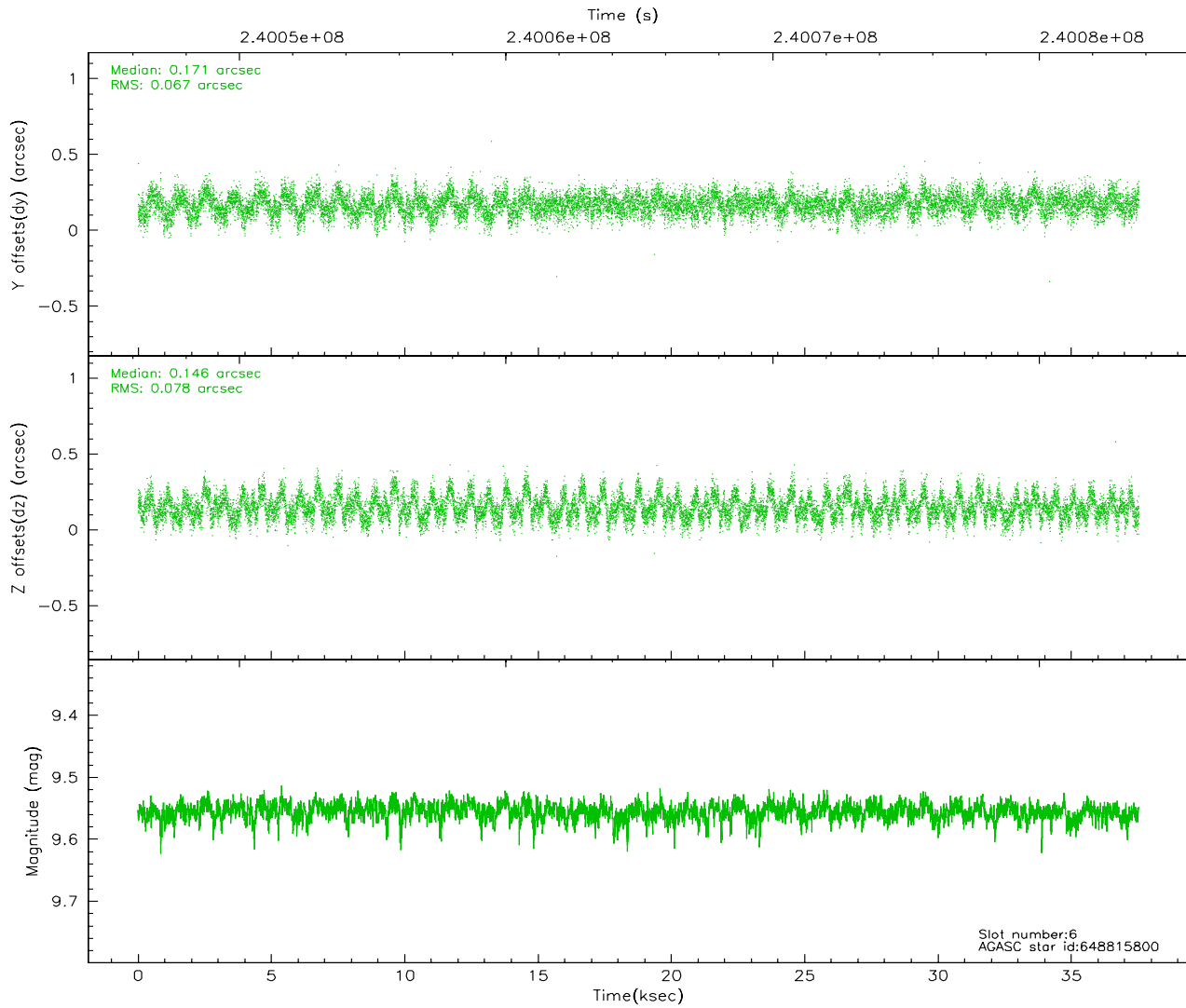
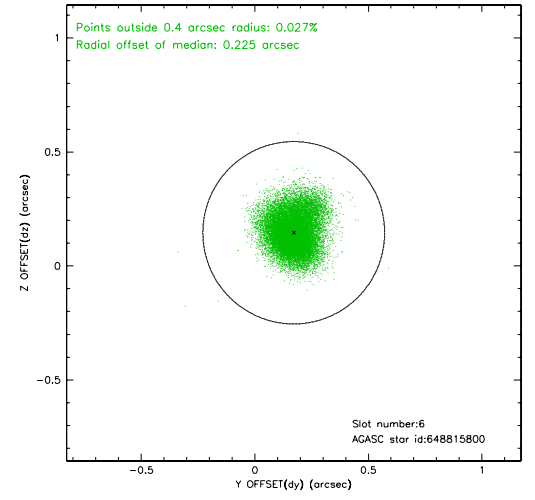
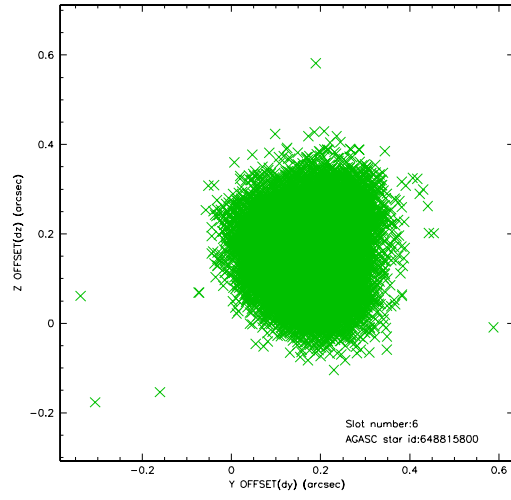
2.4.2 Slot 4



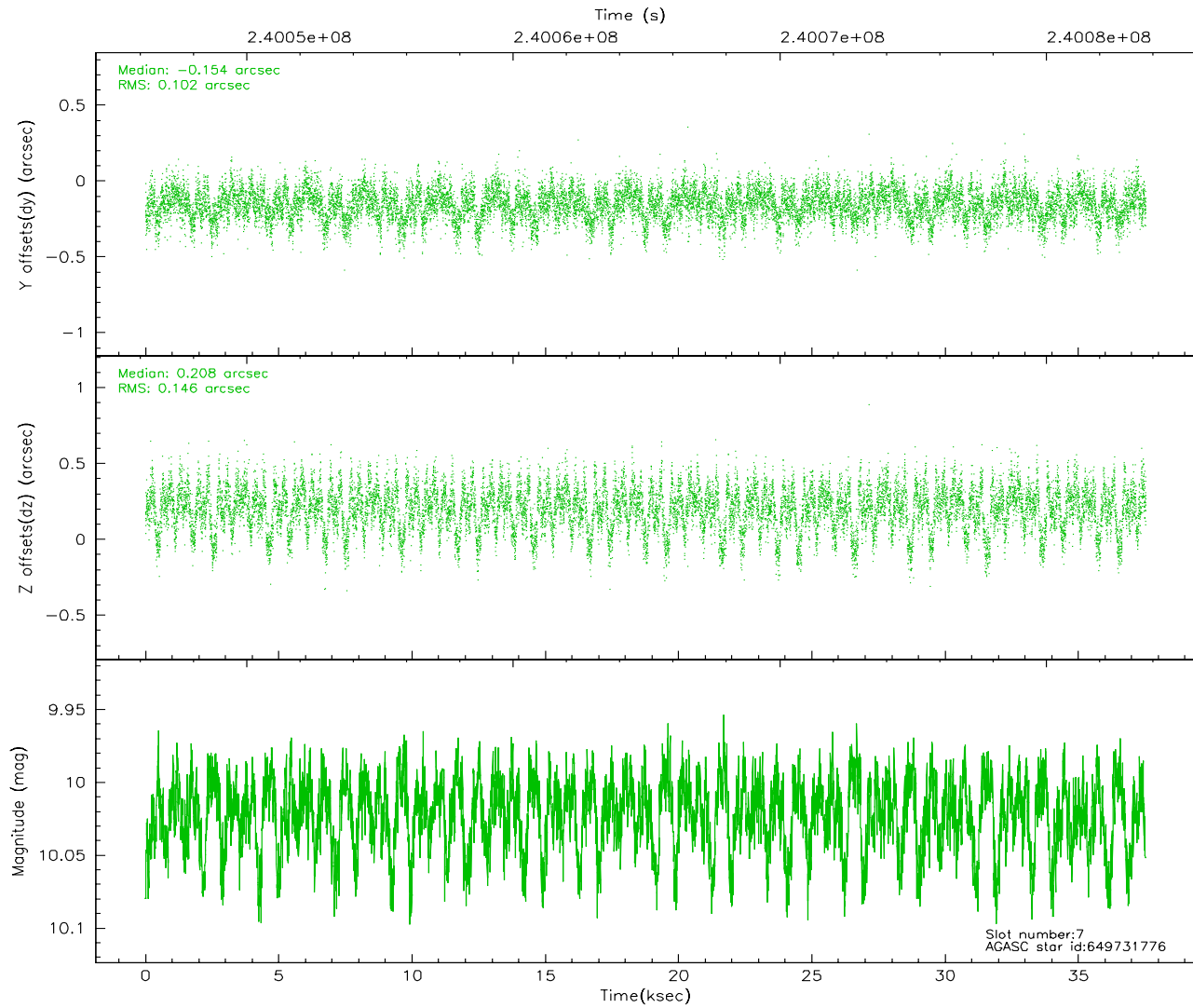
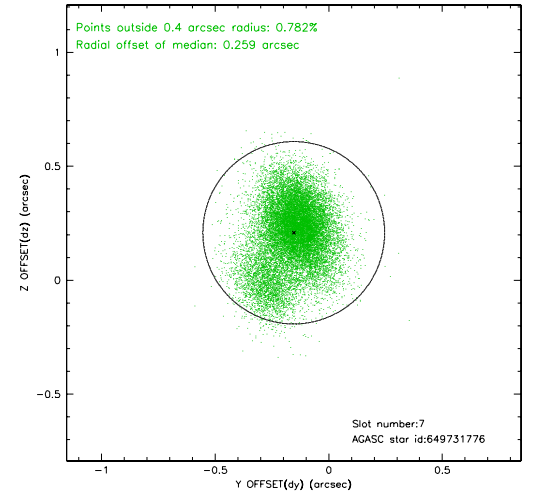
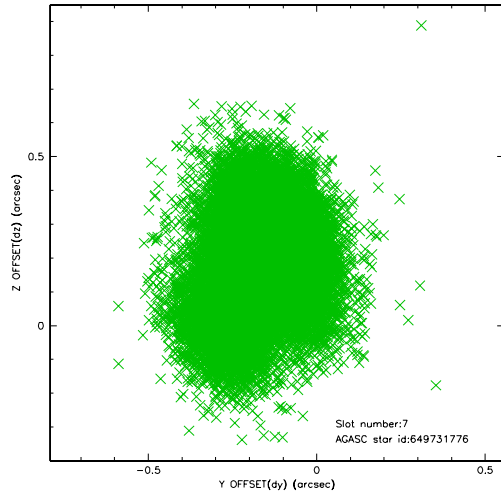
2.4.3 Slot 5



2.4.4 Slot 6

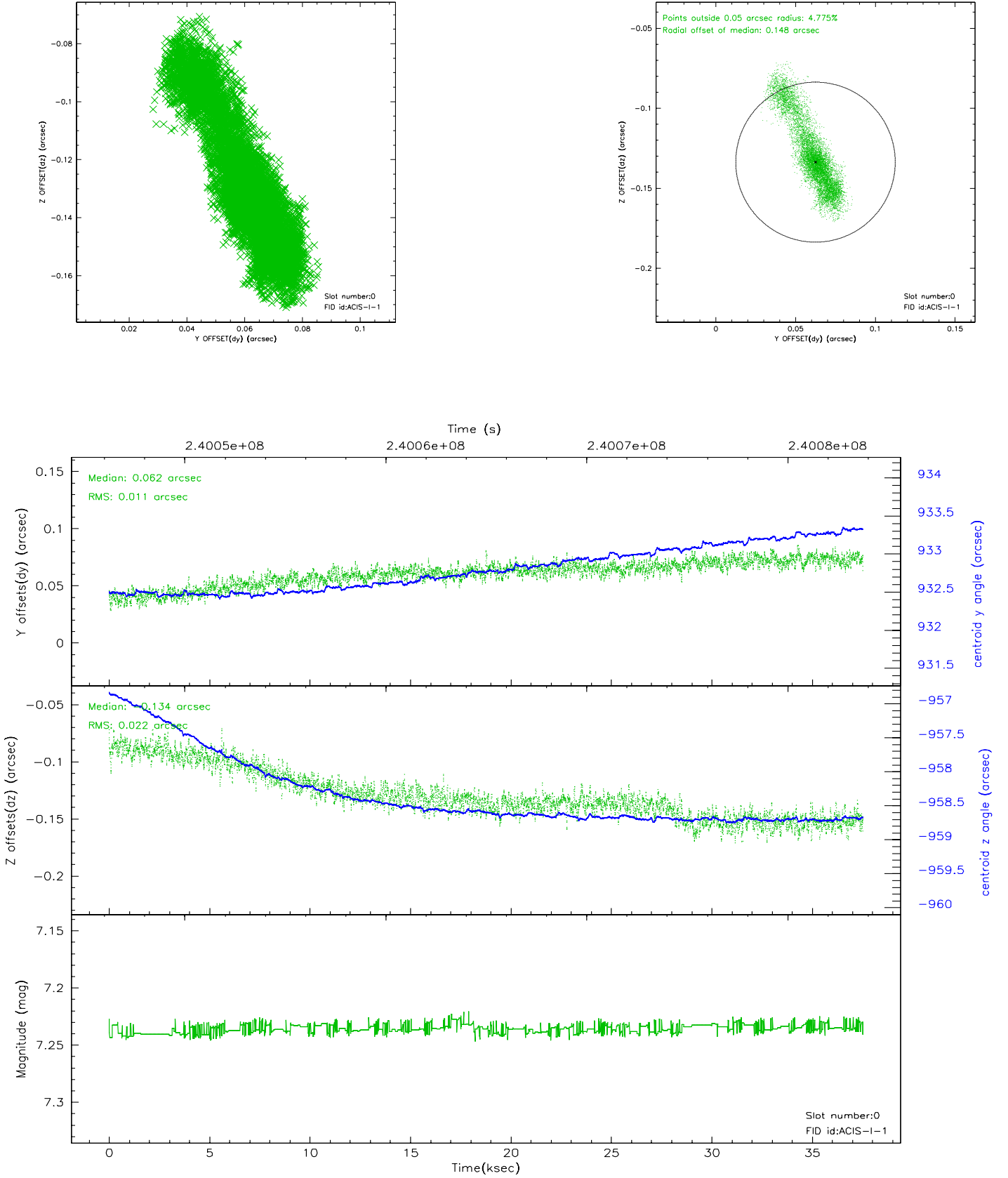


2.4.5 Slot 7

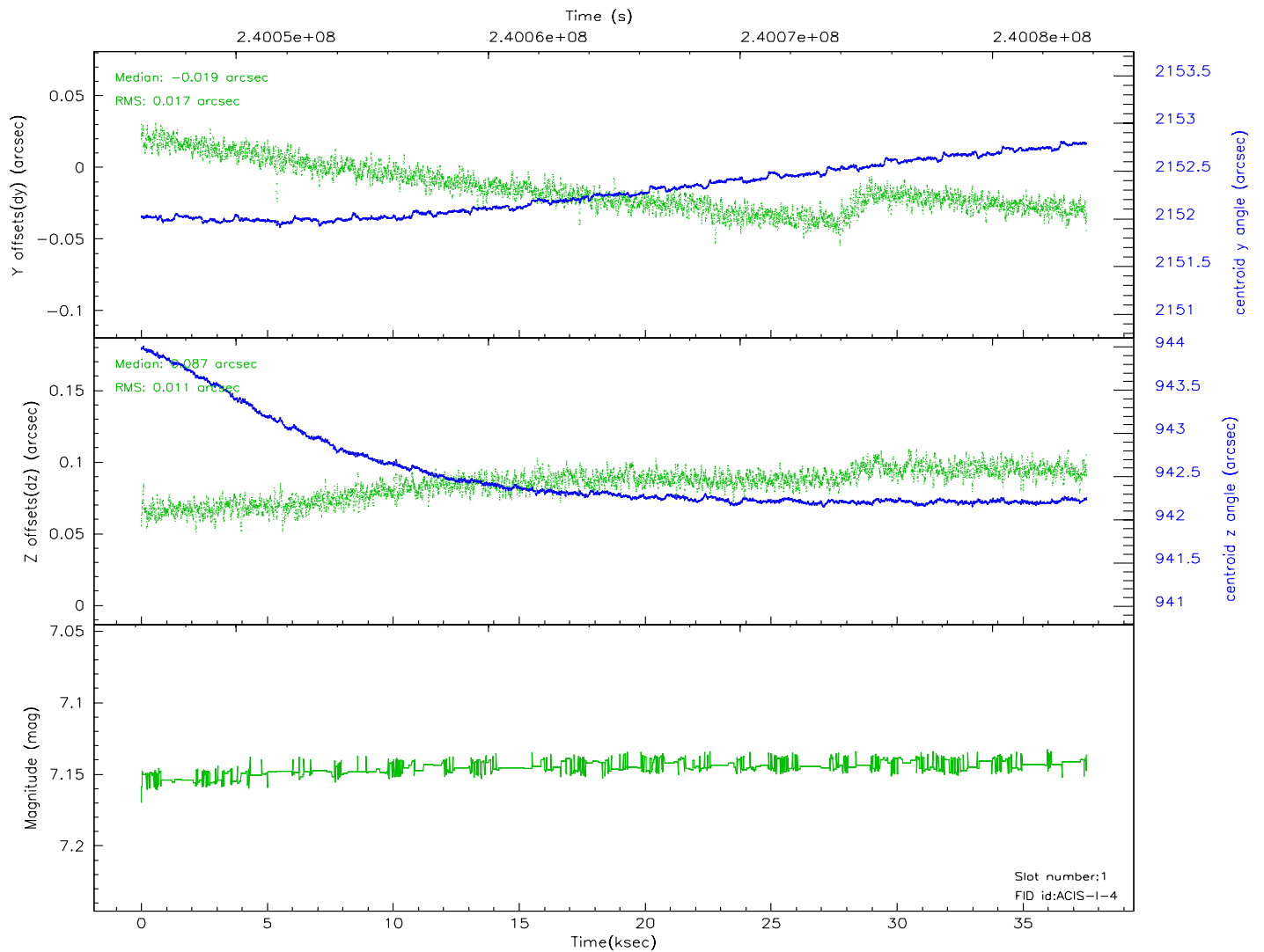
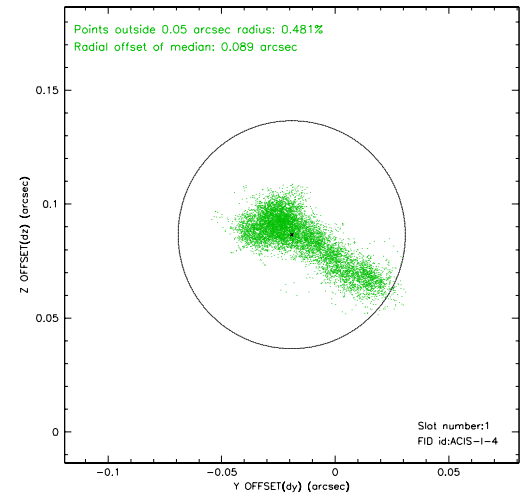
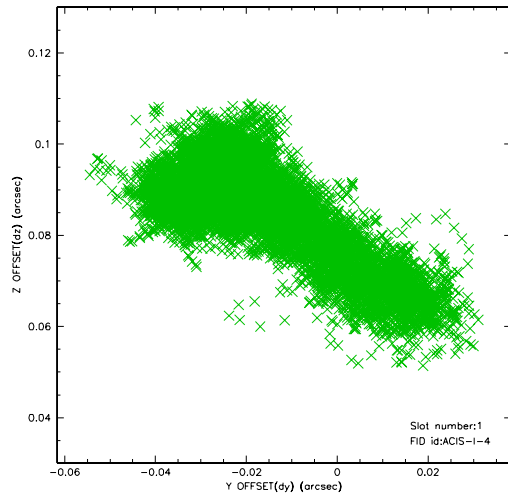


2.5 FID Slots

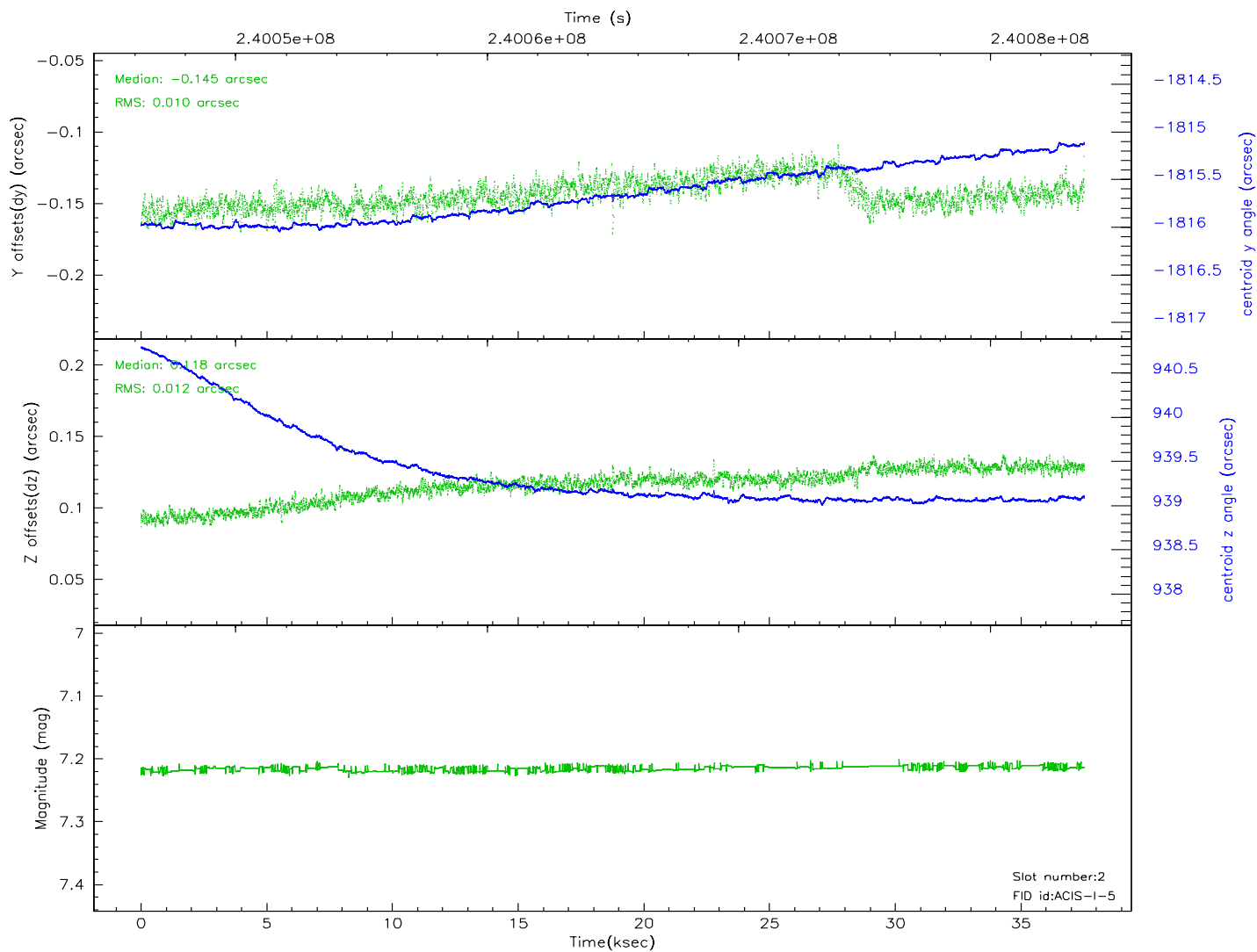
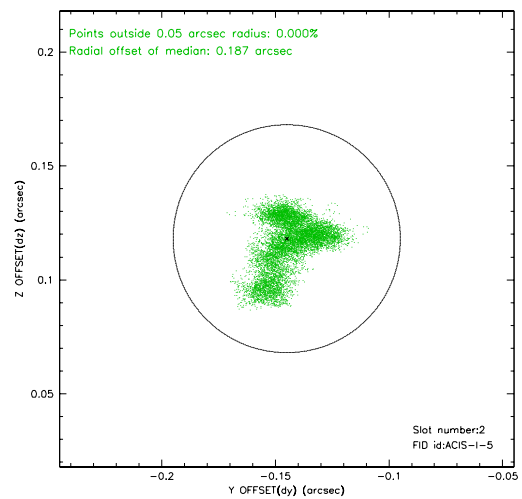
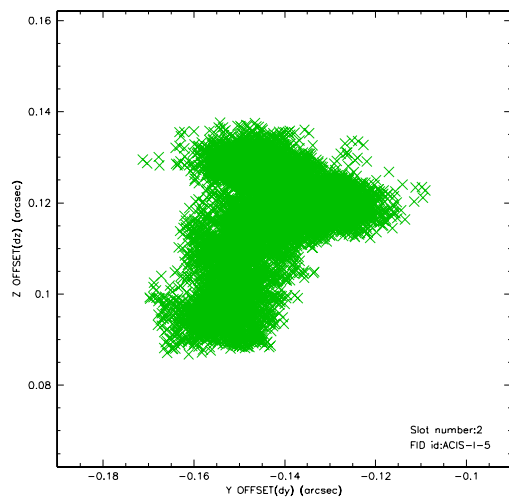
2.5.1 Slot 0



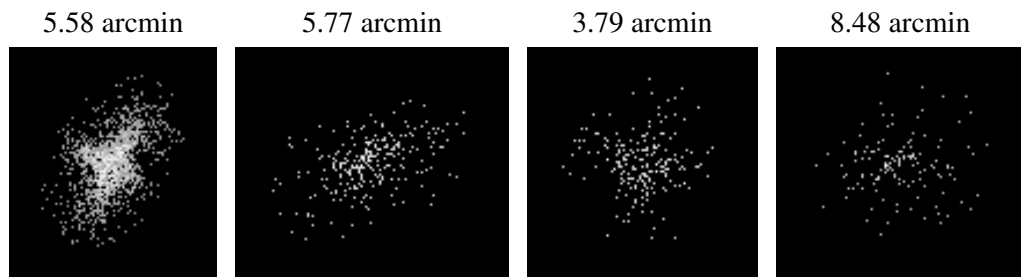
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.0449

A.2 Comments