

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4764 - L2 Version 001
Chandra X-Ray Center

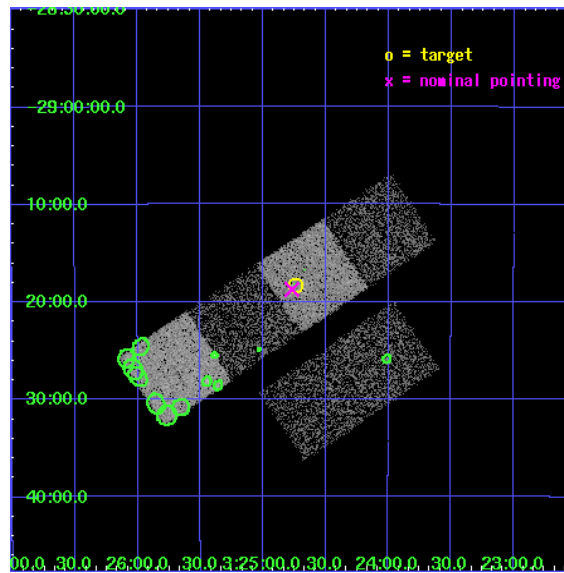
L2 Processing Date : Jun 23 2006

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1 Front

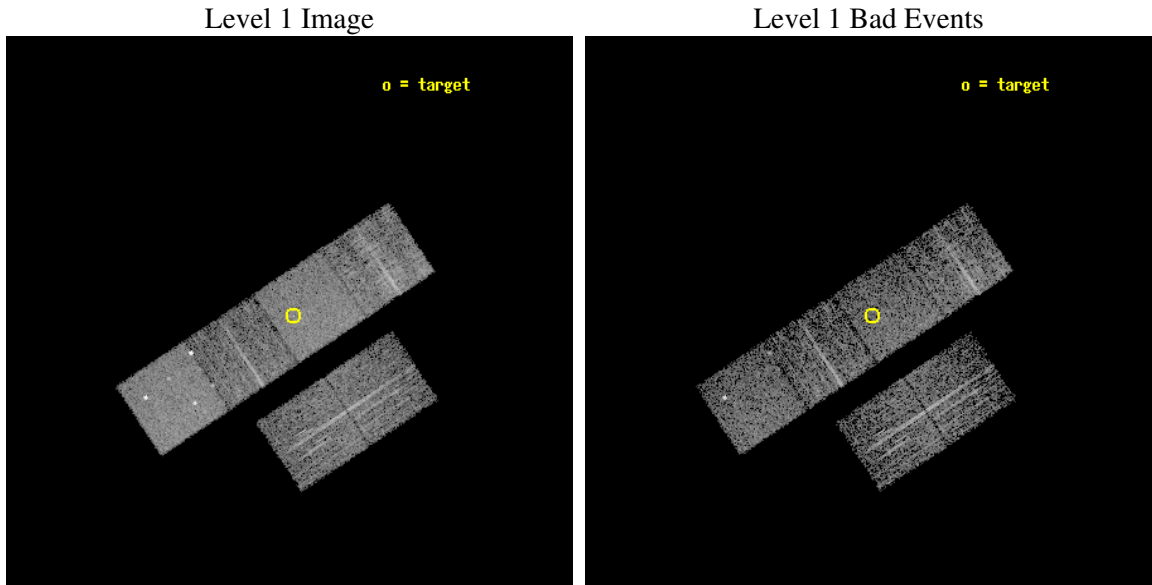
seq_num	700847
obs_id	4764
title	A Chandra Survey of Luminous, Radio-Loud Quasars at High Redshift
observer	Professor Gordon Garmire
object	PMN J0324-2918
dtcycle	0
cycle	P
ra_targ	51.184583
dec_targ	-29.305861
ra_nom	51.192518404251
dec_nom	-29.312356257673
roll_nom	326.34221415448
revision	2
ontime	3855.9999856353
livetime	3807.1729920127
ontime2	3855.9999856353
ontime3	3855.9999856353
ontime5	3855.9999856353
ontime6	3855.9999856353
ontime7	3855.9999856353
ontime8	3855.9999856353
l2events	35529



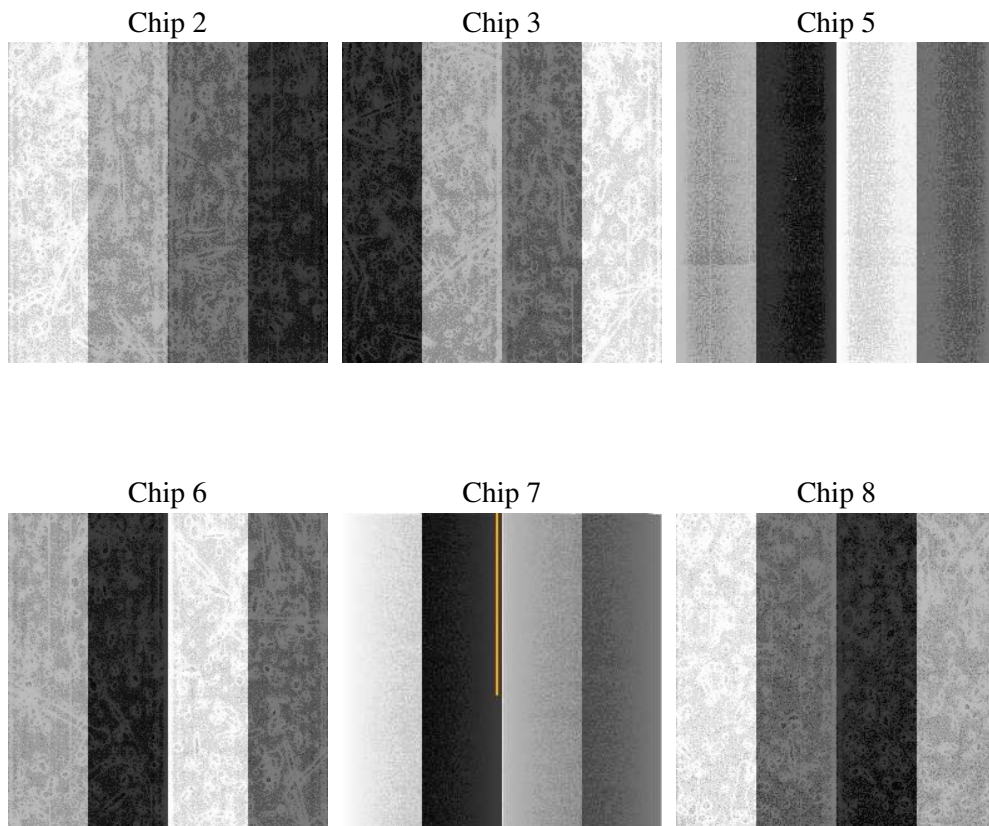
2 OBI

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	2006-06-23T17:03:22
revision	2

sched_exp_time	3895.000000
ontime	3863.2755180001
ontime2	3863.2755180001
ontime3	3863.2755180001
ontime5	3863.2755180001
ontime6	3863.2755180001
ontime7	3863.2755180001
ontime8	3863.2755180001
l1events	163834

2.1.4 Events

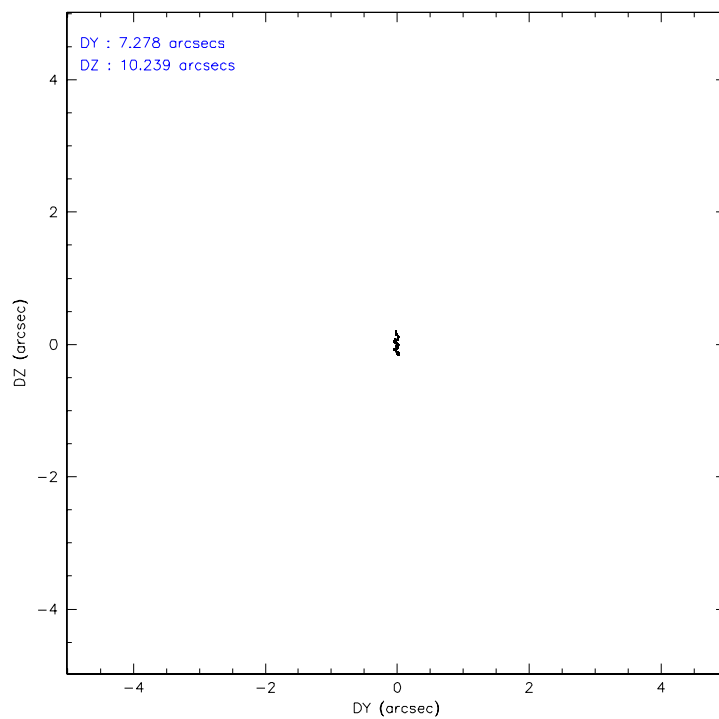
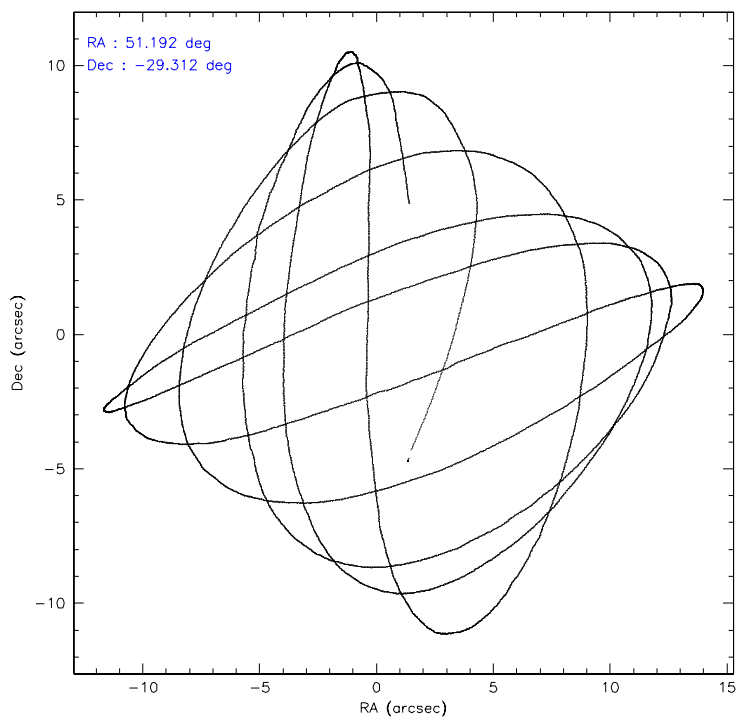
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	23331	21754	36730	21929	31129	28961
rejected events	20643	18931	19908	19144	19504	22609
rejected %	88%	87%	54%	87%	62%	78%

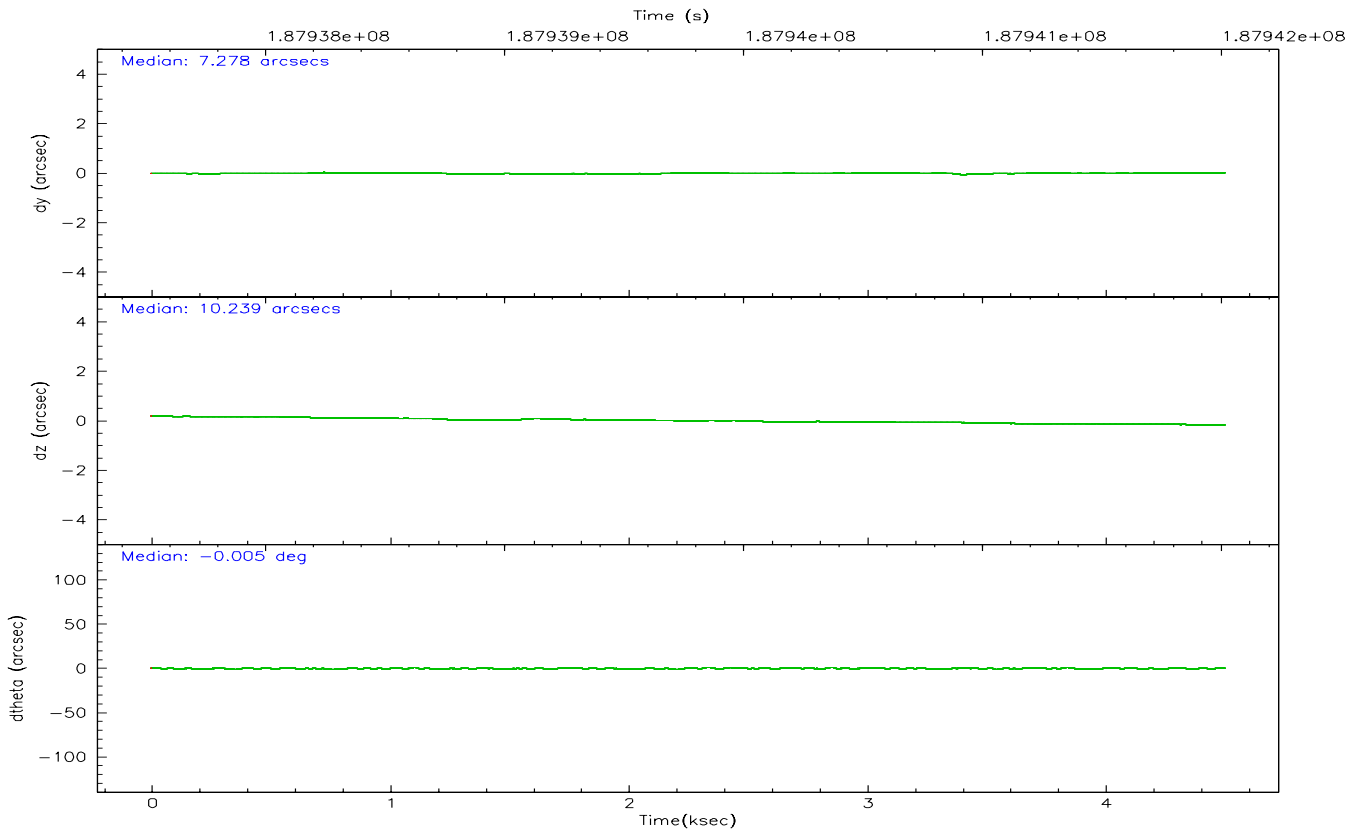
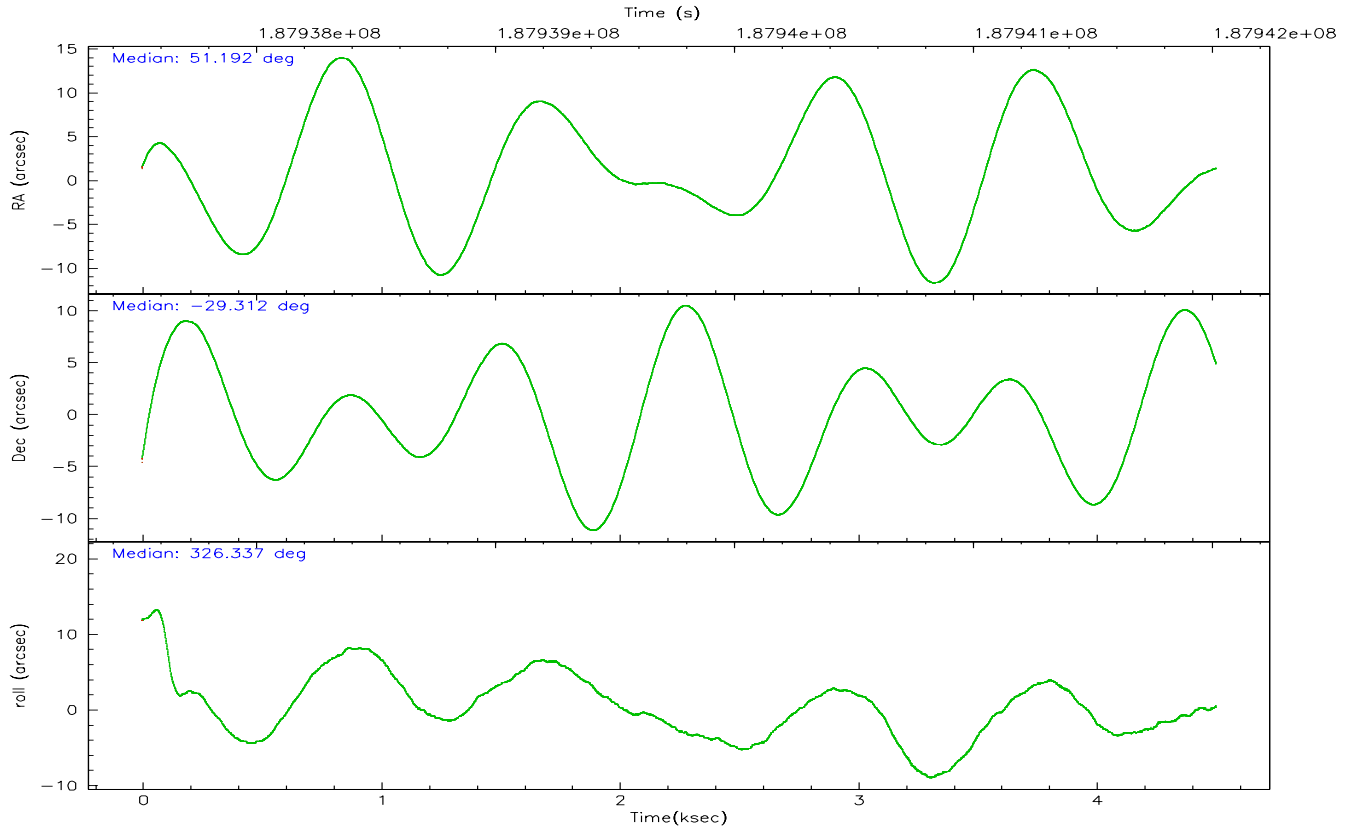
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1213	1246	1368	1143	691	2011
	5%	5%	3%	5%	2%	6%
grade 1 events	11	12	36	8	17	19
	0%	0%	0%	0%	0%	0%
grade 2 events	523	559	5057	565	2890	1282
	2%	2%	13%	2%	9%	4%
grade 3 events	260	254	356	273	637	725
	1%	1%	0%	1%	2%	2%
grade 4 events	244	266	330	264	571	656
	1%	1%	0%	1%	1%	2%
grade 5 events	968	978	2189	1064	1994	1399
	4%	4%	5%	4%	6%	4%
grade 6 events	451	504	9741	546	6857	1683
	1%	2%	26%	2%	22%	5%
grade 7 events	19661	17935	17653	18066	17472	21186
	84%	82%	48%	82%	56%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	51.161403	51.1925184042511	Alternating exposures requested	N	N
Pointing Dec	-29.311171	-29.31235625767342	Primary exposure time	0.000000	3.2
Pointing Roll	326.170353	326.3422141544764			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	187938124.184000	187936951.50109			
Observation start date	2003-12-16T05:01:00	2003-12-16T04:42:31			
Observation end time	187942019.184000	187942842.68884			
Observation end date	2003-12-16T06:05:55	2003-12-16T06:20:42			
Read mode	TIMED	TIMED			

2.3 Aspect



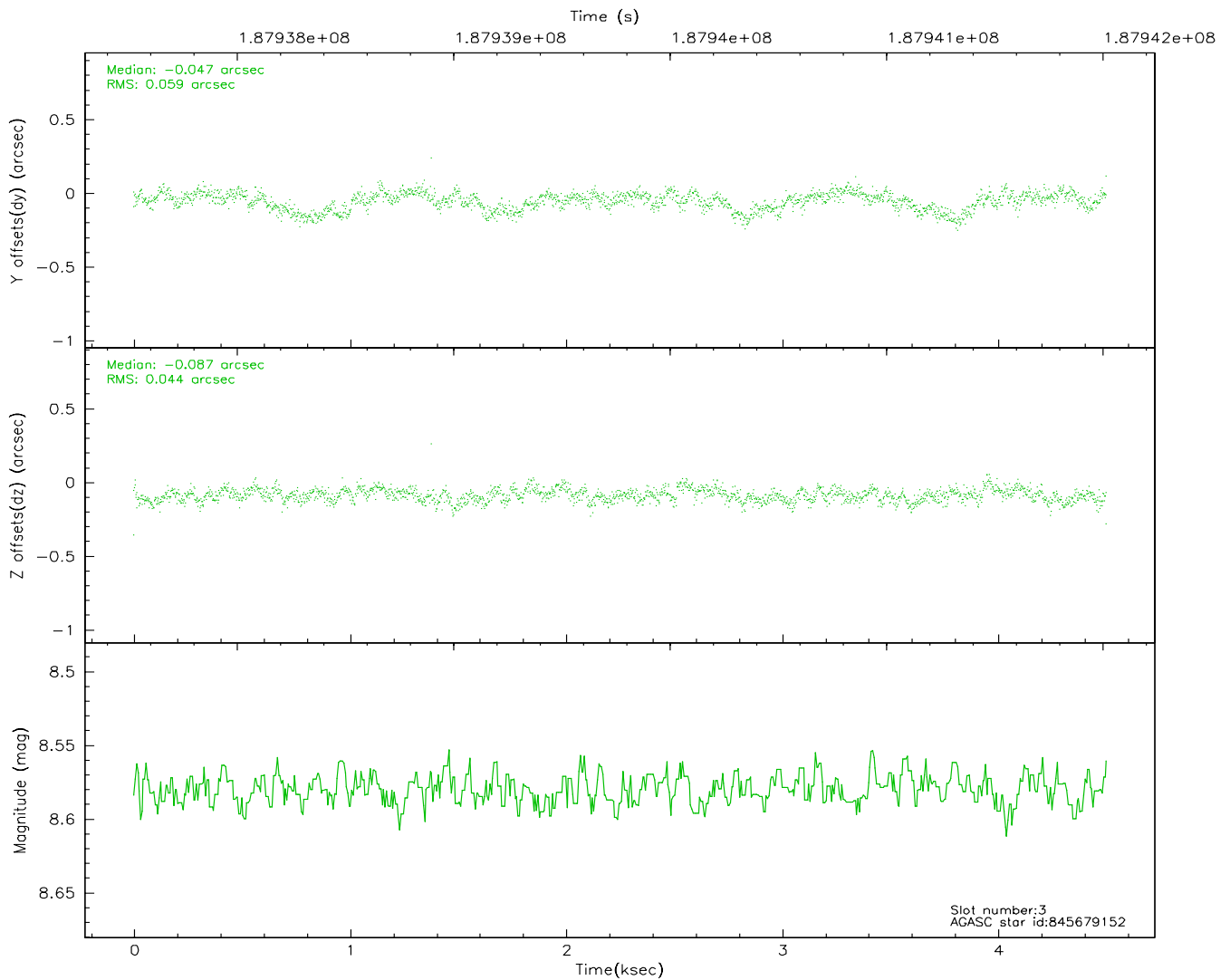
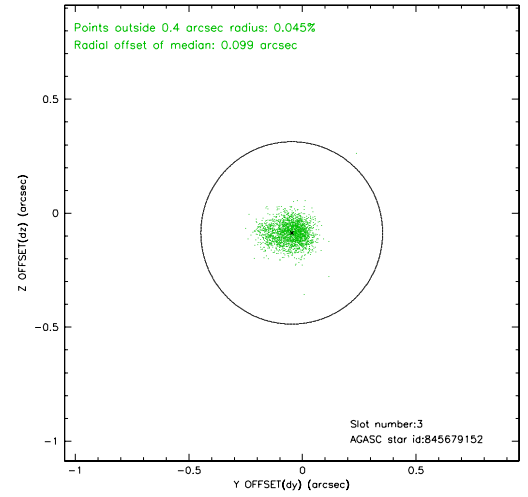
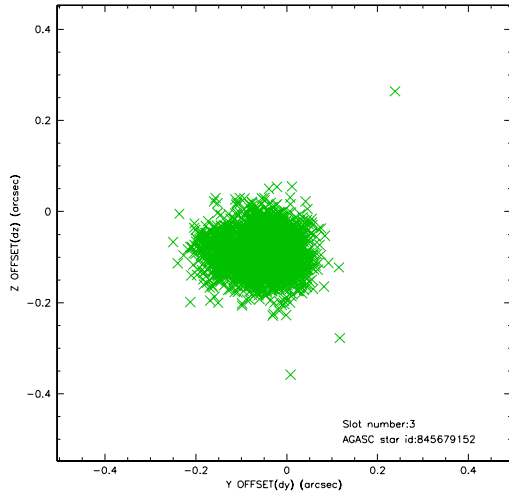


Slot Statistics

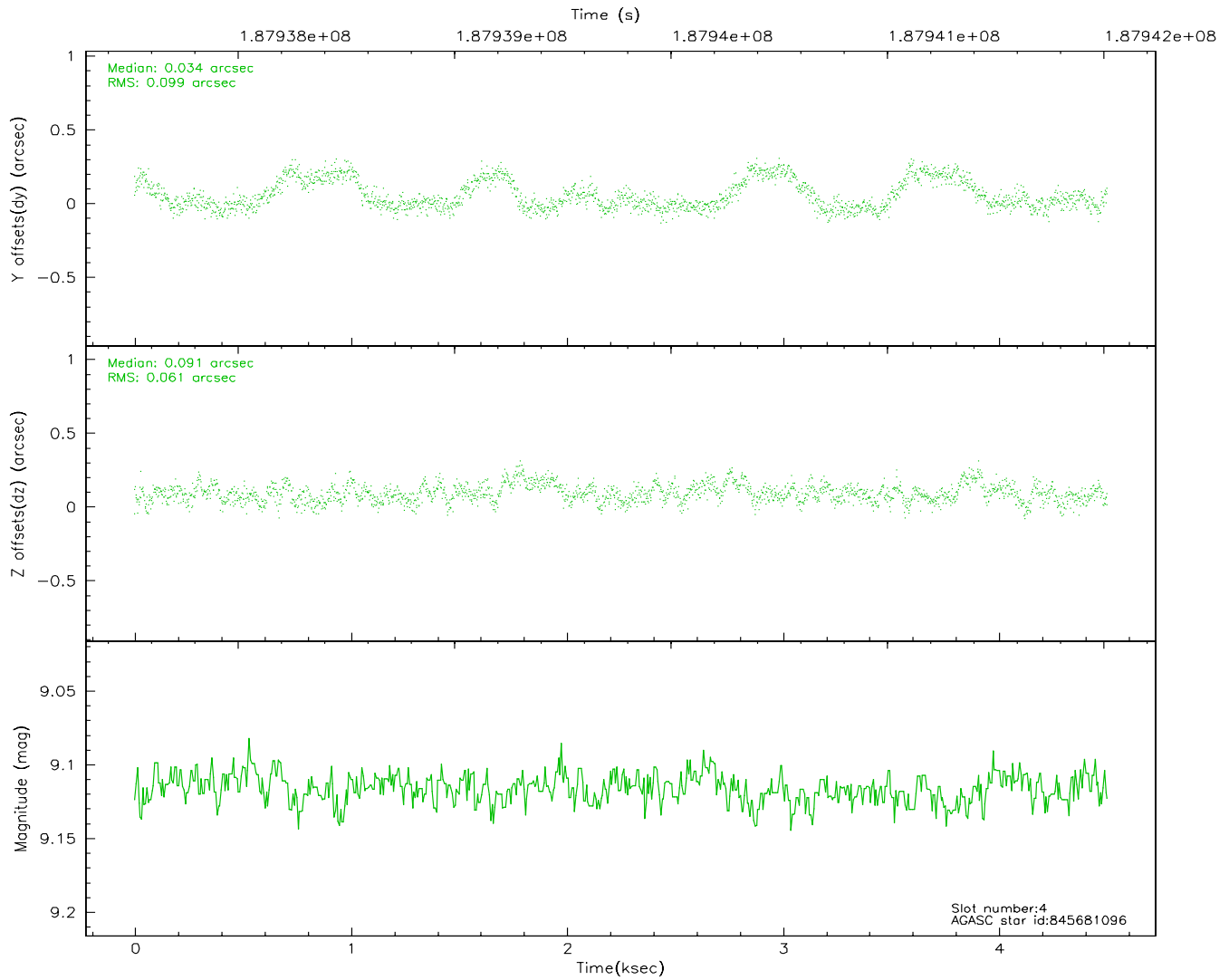
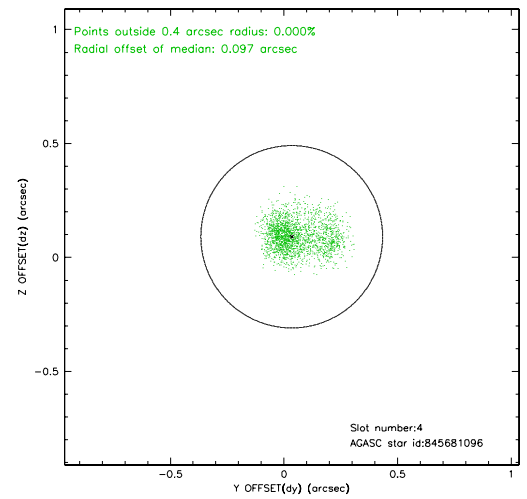
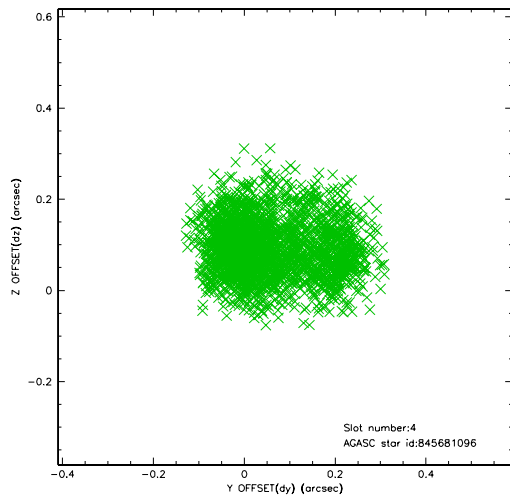
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1099	-0.031	0.015	0.006	0.011	0.000000	0.000000	-760.03	-1731.50
1	FID	ACIS-S-4	7.20	1099	0.016	0.011	0.005	0.009	0.000000	0.000000	2152.64	175.62
2	FID	ACIS-S-5	7.23	1099	-0.017	-0.018	0.006	0.011	0.000000	0.000000	-1811.13	170.74
3	GUIDE	845679152	8.58	2198	-0.047	-0.087	0.077	0.126	50.934482	-29.127193	-960.59	151.31
4	GUIDE	845681096	9.12	2198	0.034	0.091	0.123	0.207	50.778675	-29.365316	-887.43	-832.15
5	GUIDE	845681752	8.92	2196	0.084	-0.084	0.076	0.125	51.593896	-29.544837	1595.27	52.69
6	GUIDE	845682224	9.36	2195	-0.014	0.031	0.122	0.178	50.973340	-29.019925	-1073.82	540.81
7	GUIDE	845685960	9.54	2194	-0.077	0.046	0.124	0.193	51.274274	-28.641628	-1045.59	2200.75

2.4 Star Slots

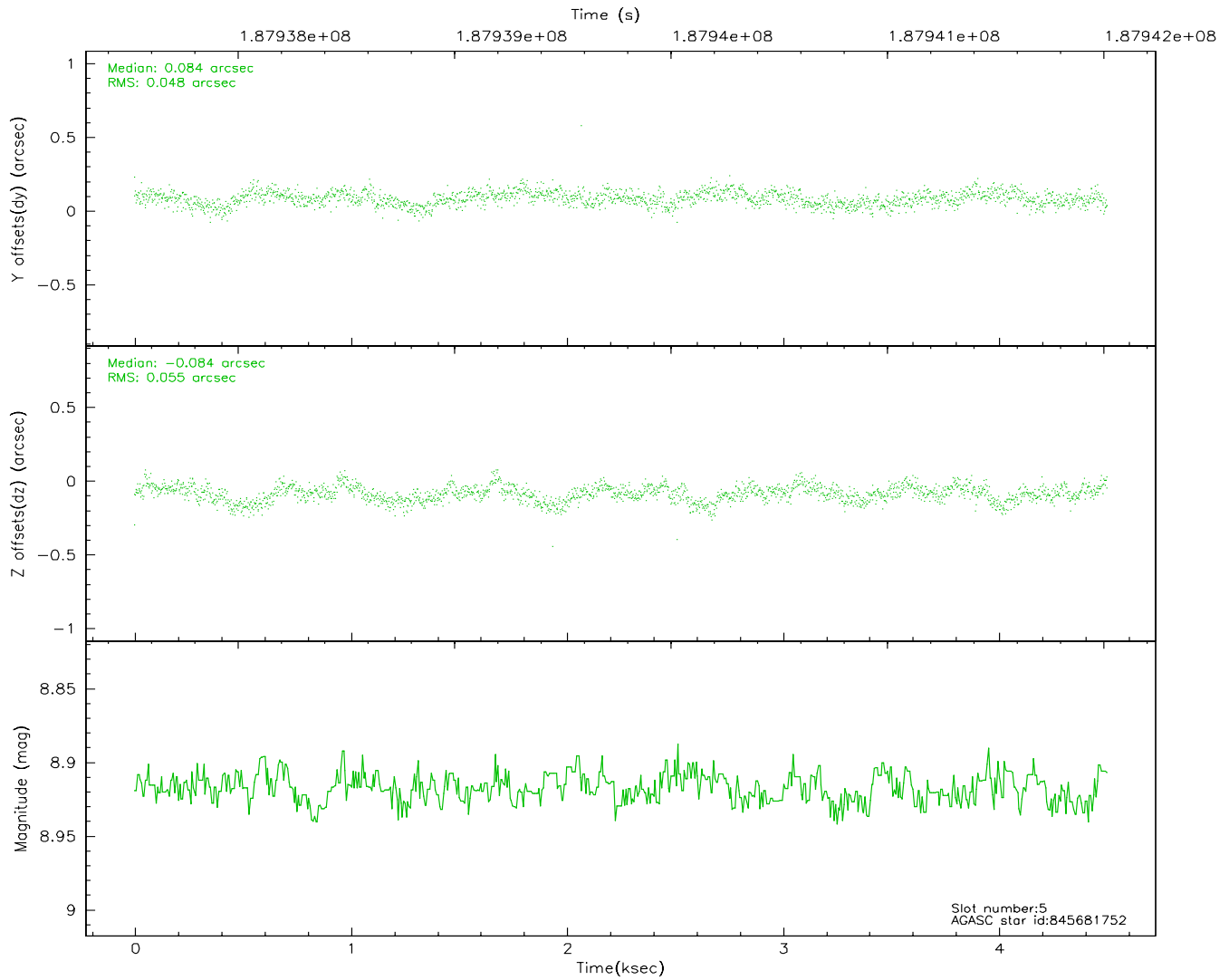
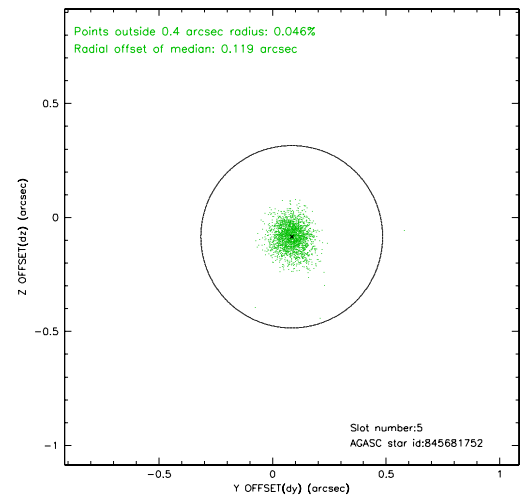
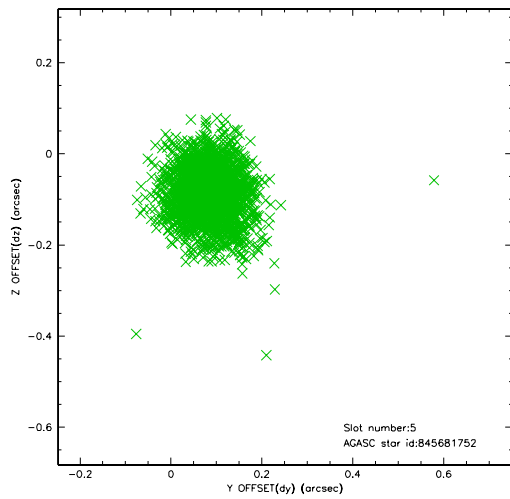
2.4.1 Slot 3



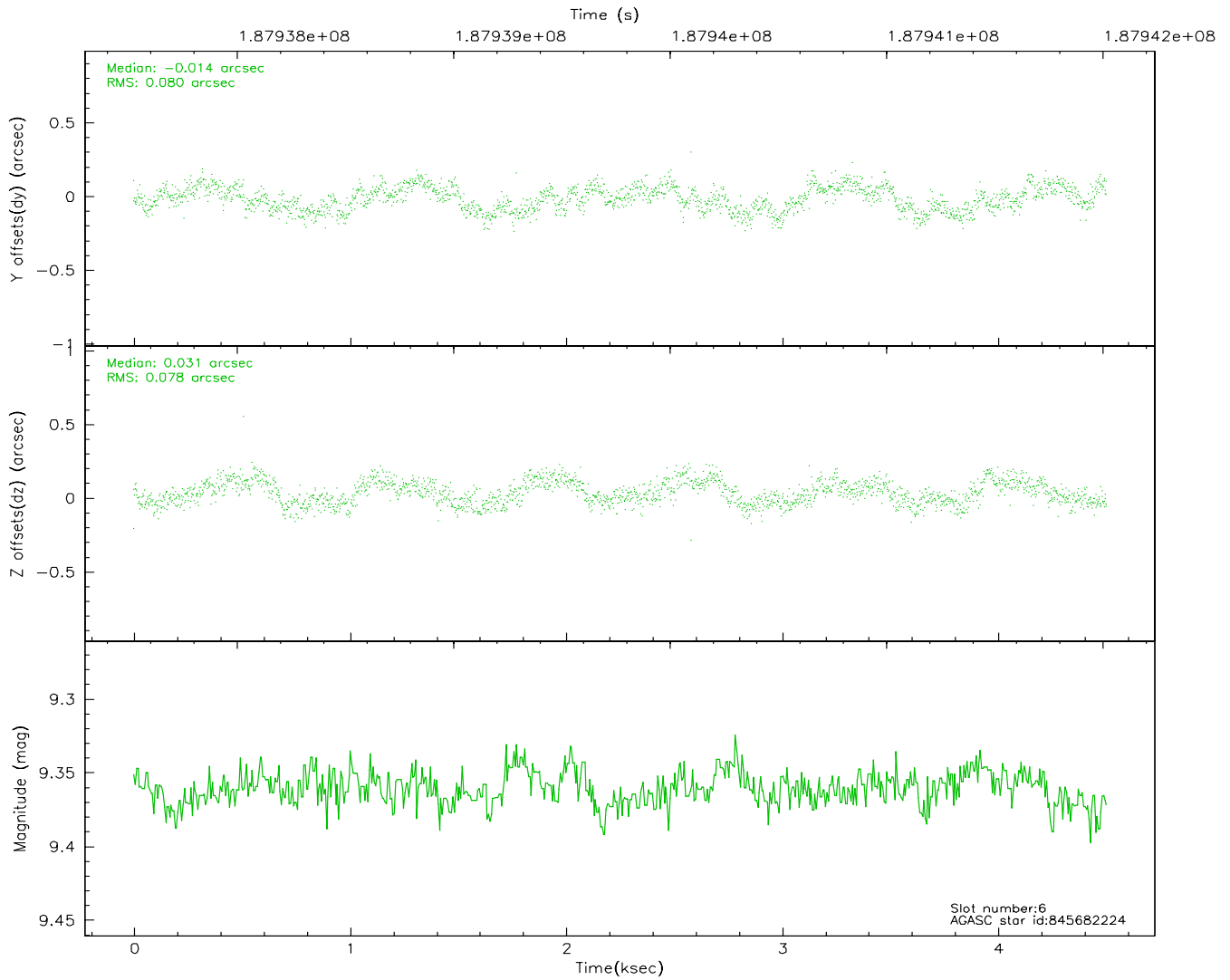
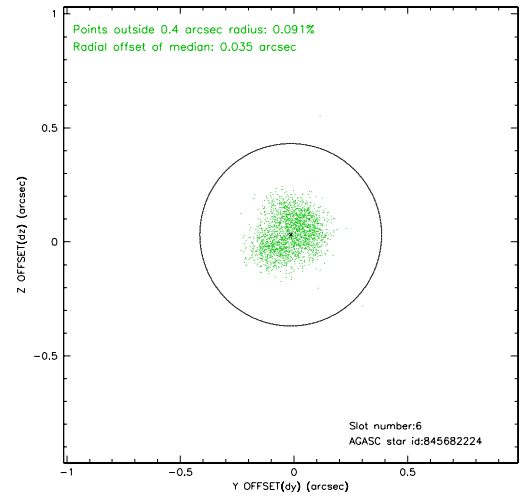
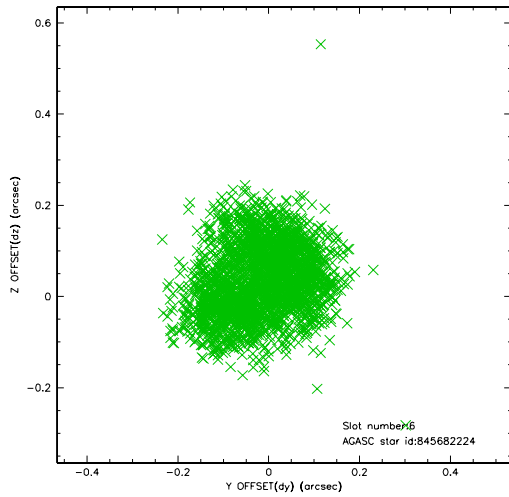
2.4.2 Slot 4



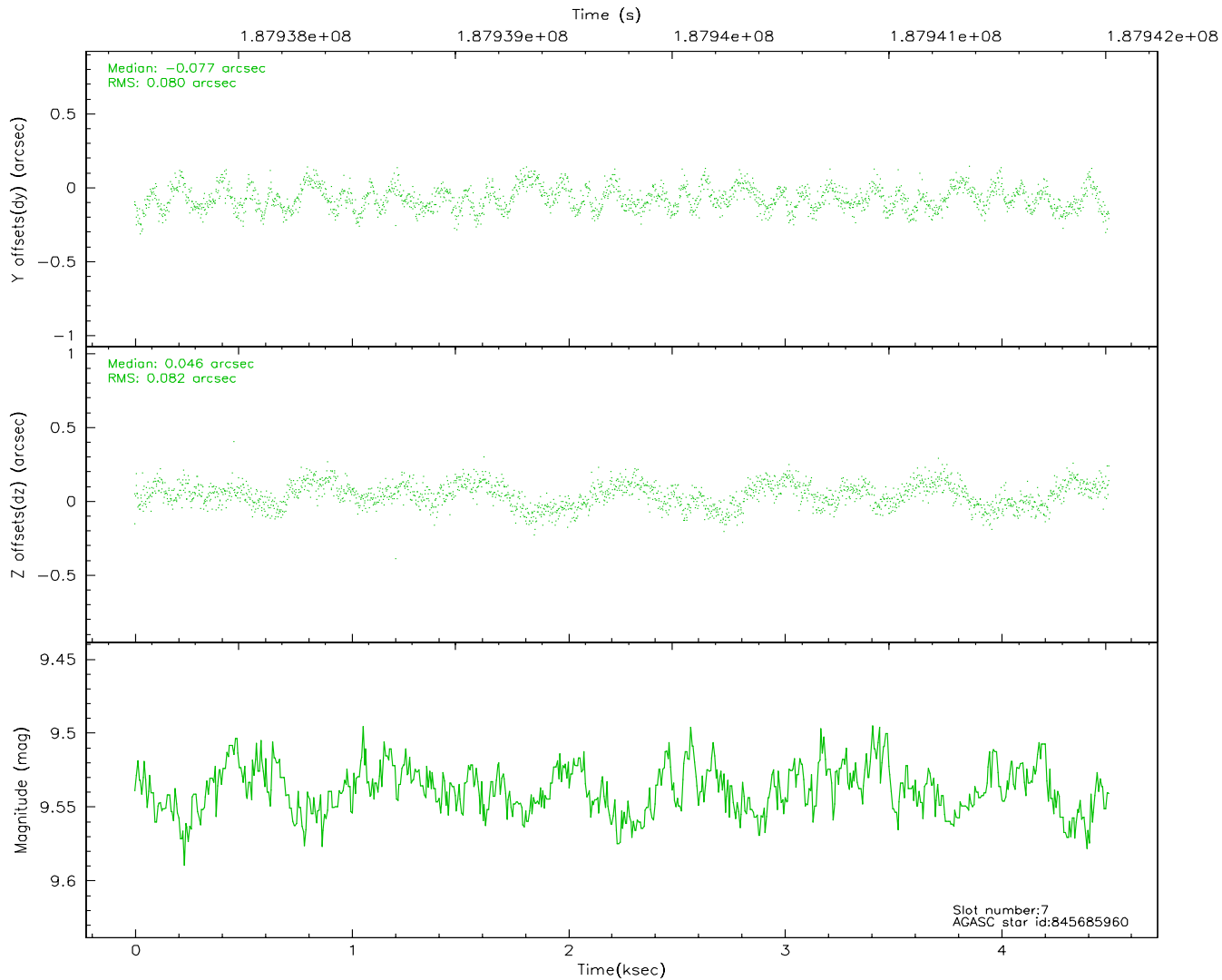
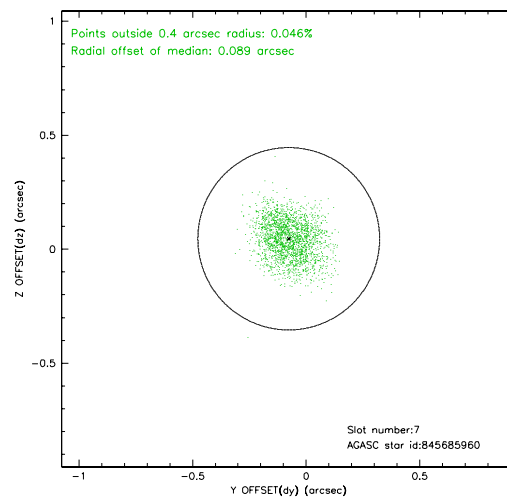
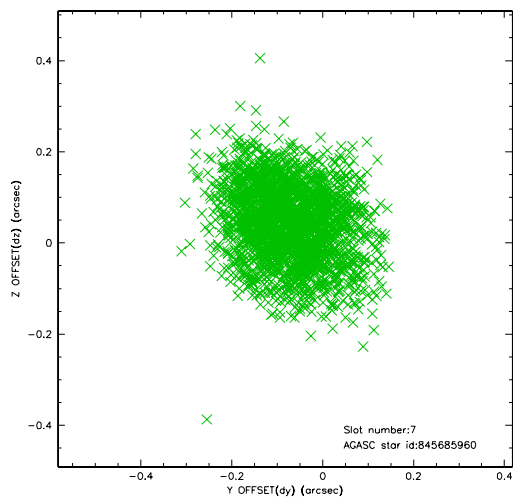
2.4.3 Slot 5



2.4.4 Slot 6

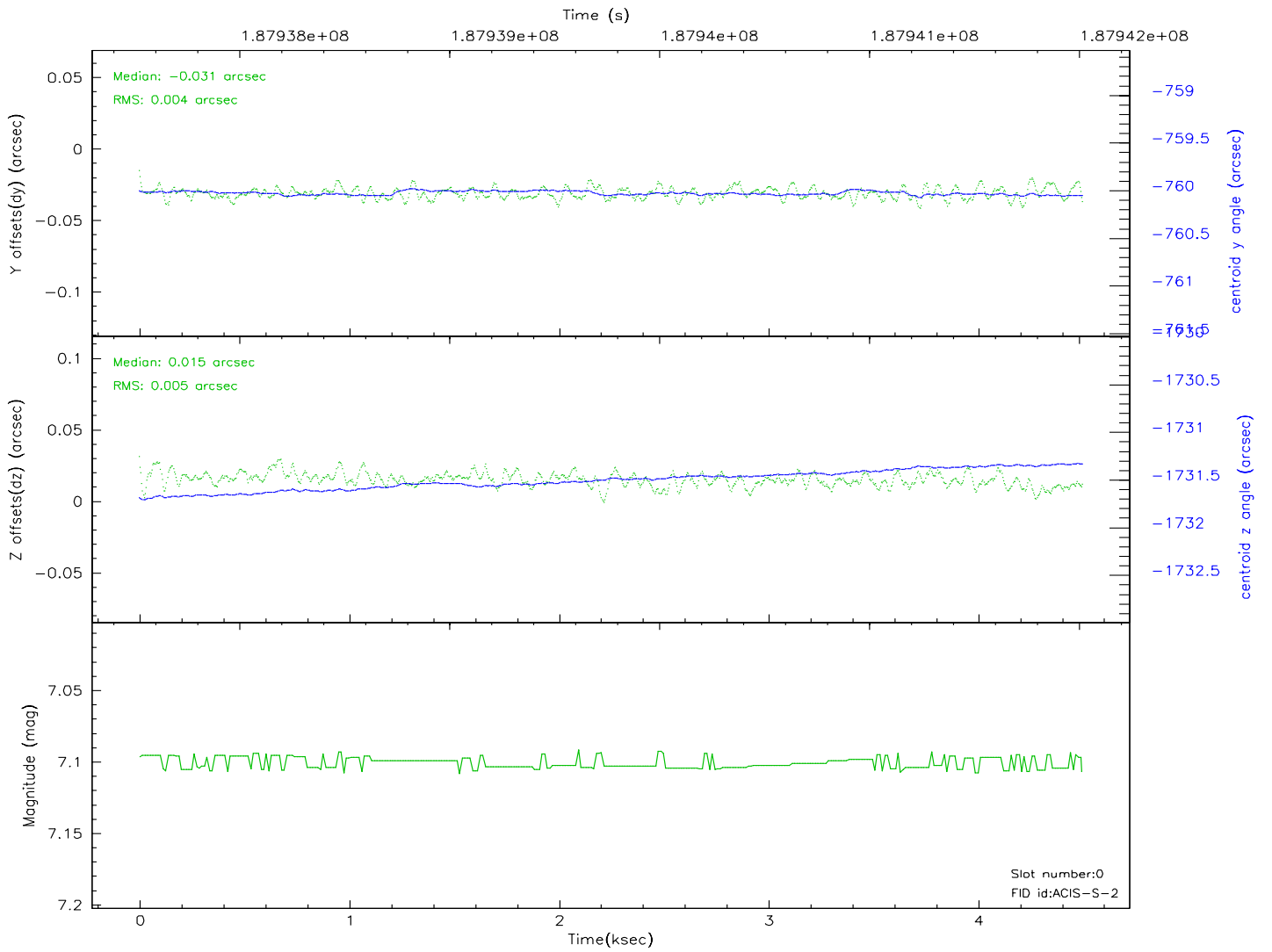
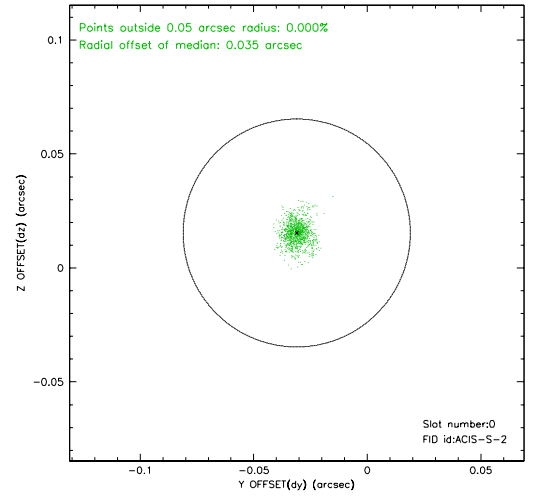
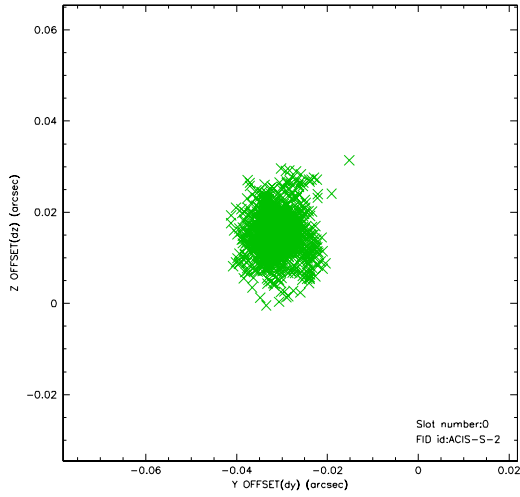


2.4.5 Slot 7

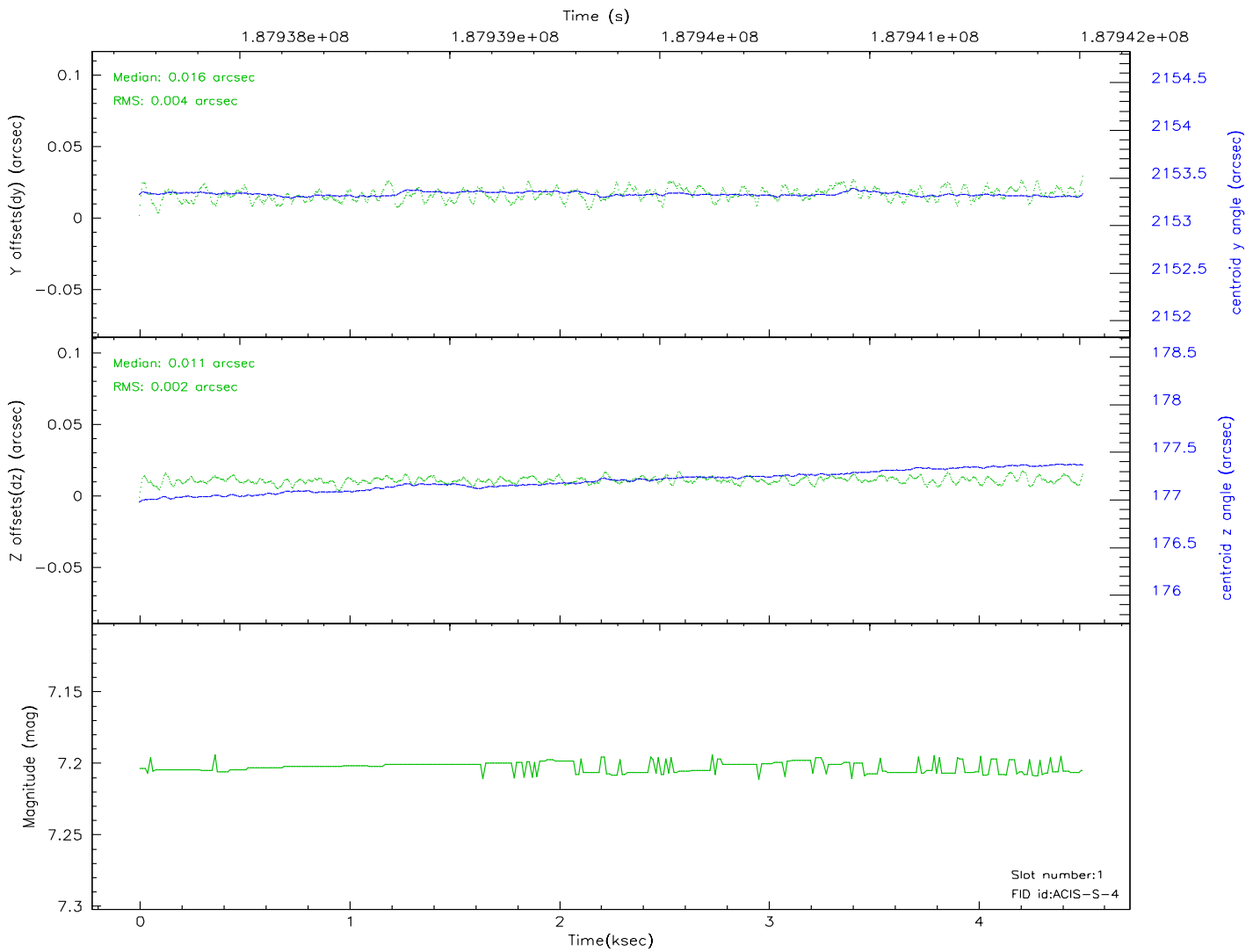
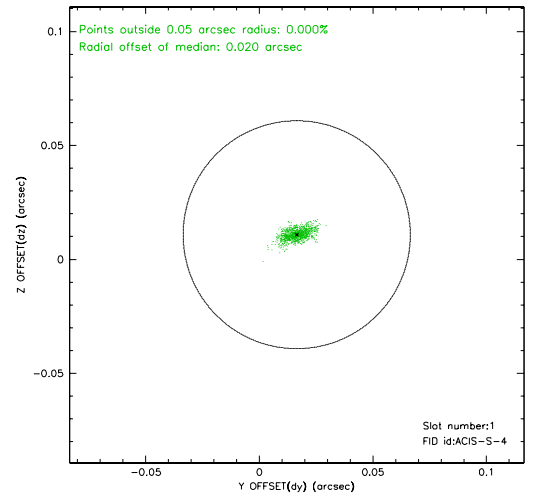
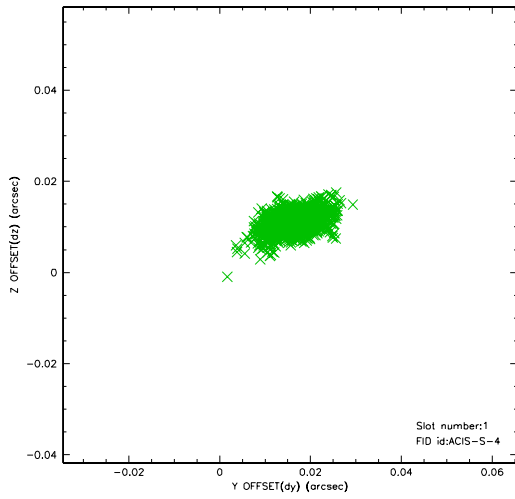


2.5 FID Slots

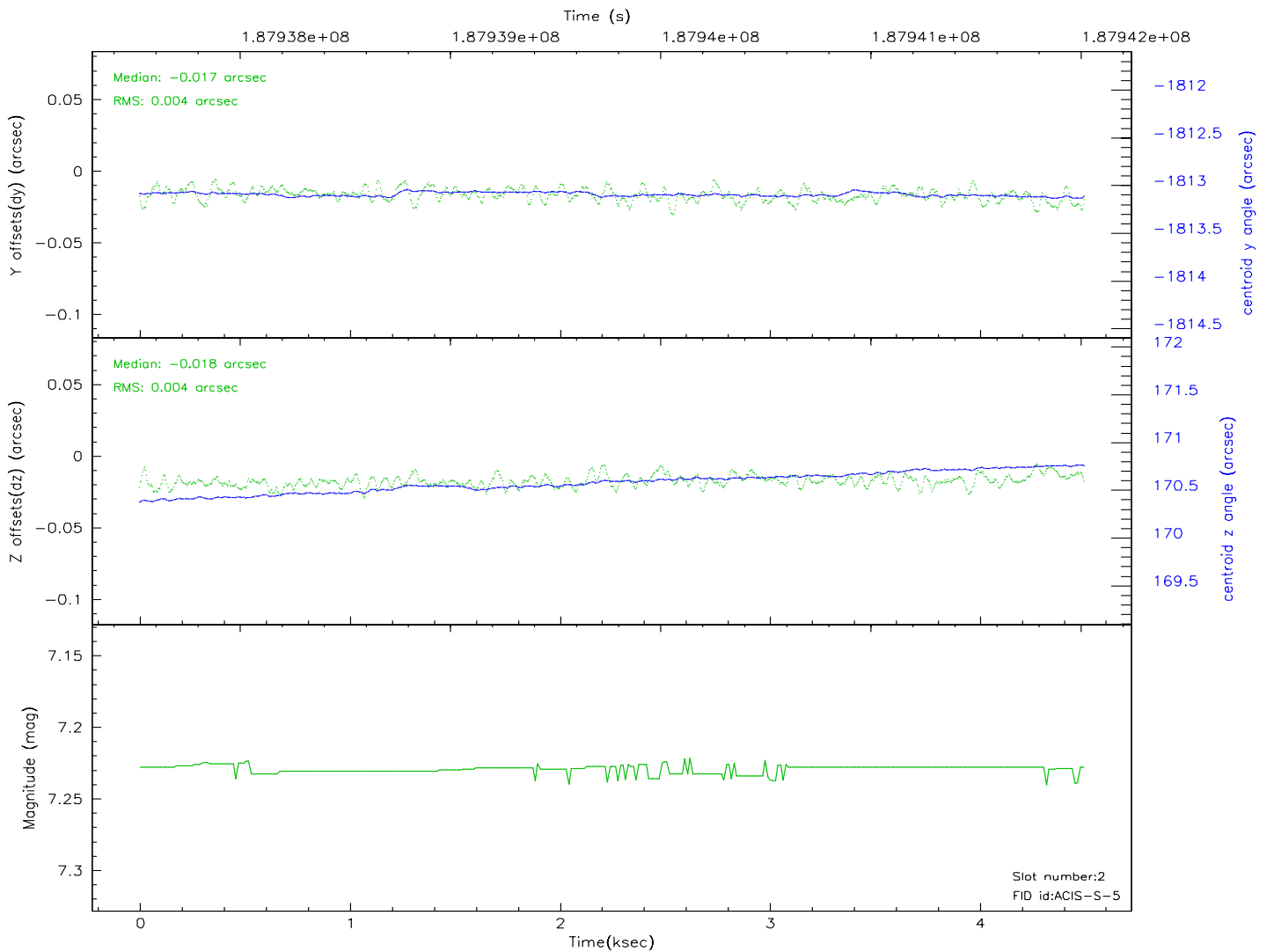
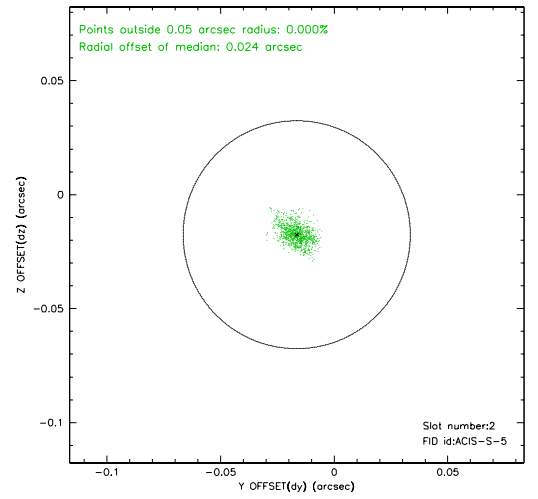
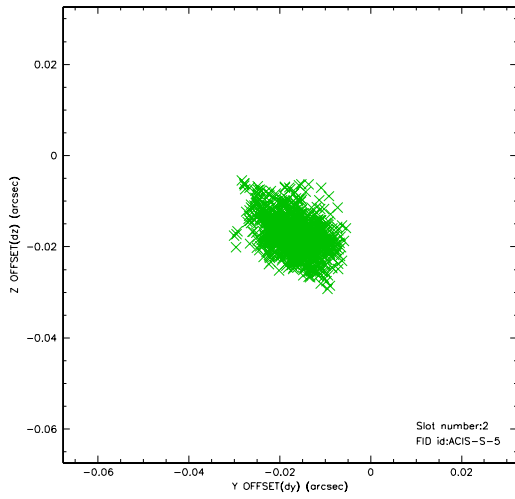
2.5.1 Slot 0



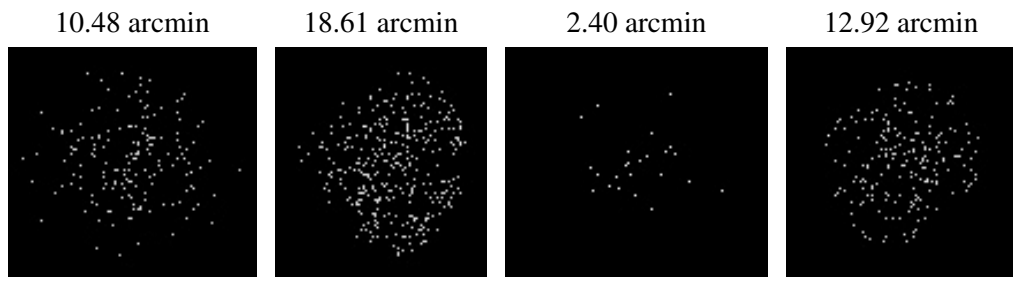
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.859

A.2 Comments