

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5589 - L2 Version 002
Chandra X-Ray Center

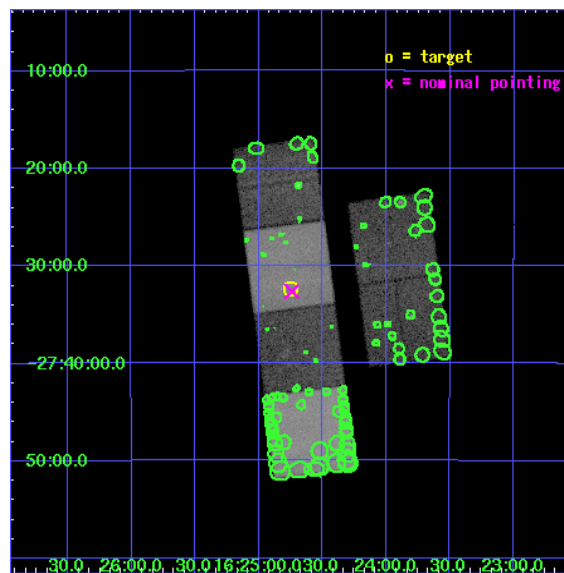
L2 Processing Date : Mar 19 2006

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1 Front

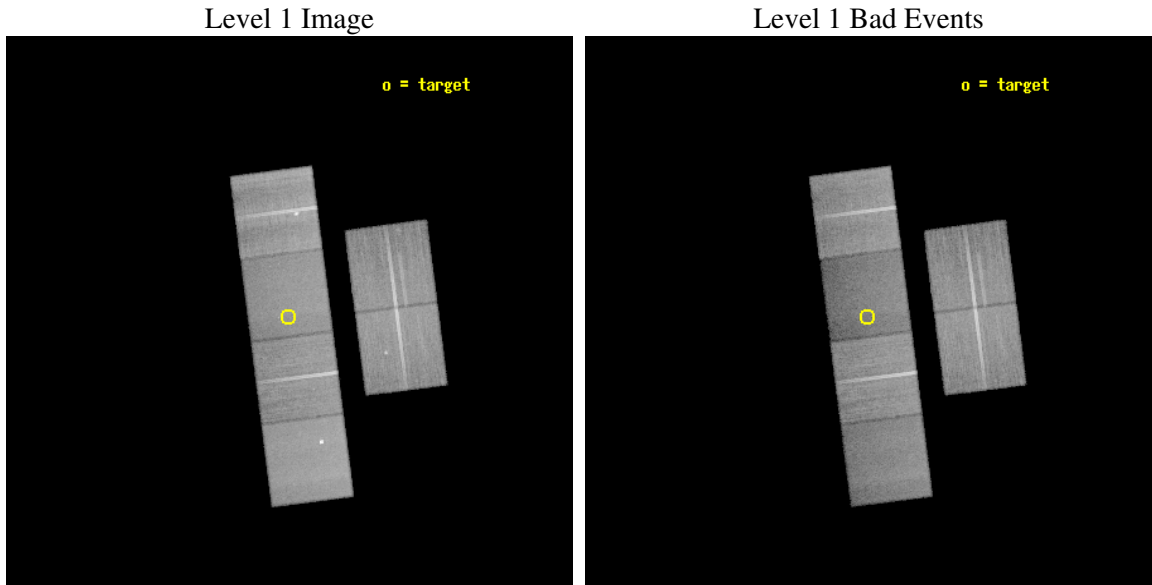
seq_num	500578
obs_id	5589
title	A Day in the Life of a Short Gamma-Ray Burst Afterglow
observer	Dr. David Burrows
object	GRB050724
dtcycle	0
cycle	P
ra_targ	246.1875
dec_targ	-27.540333
ra_nom	246.18505179782
dec_nom	-27.544095266843
roll_nom	262.65915351778
revision	2
ontime	45129.599831879
livetime	44558.141665025
ontime2	45119.876990706
ontime3	45126.358951211
ontime5	45129.599831879
ontime6	45123.117871374
ontime7	45129.599831879
ontime8	45129.599831879
l2events	349881



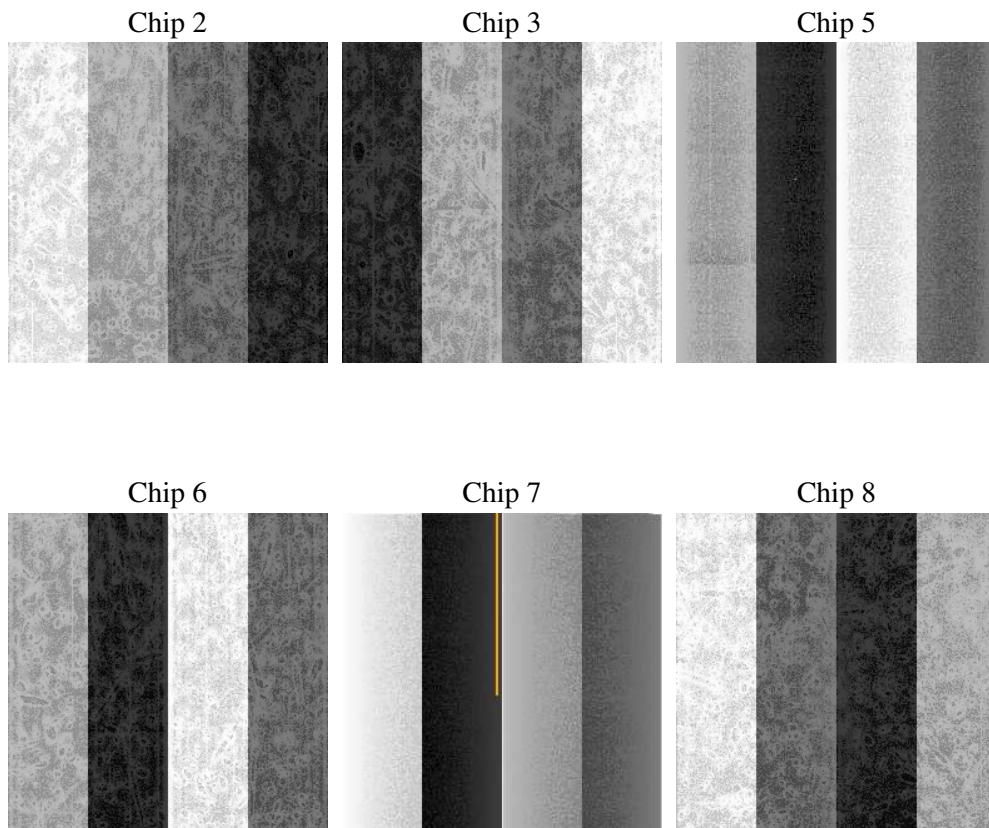
2 OBI

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	2006-03-19T11:05:56
revision	2

sched_exp_time	45000.000000
ontime	46796.860256732
ontime2	46787.13739565
ontime3	46793.619356155
ontime5	46796.860256732
ontime6	46790.378296226
ontime7	46796.860256732
ontime8	46796.860236824
l1events	1724655

2.1.4 Events

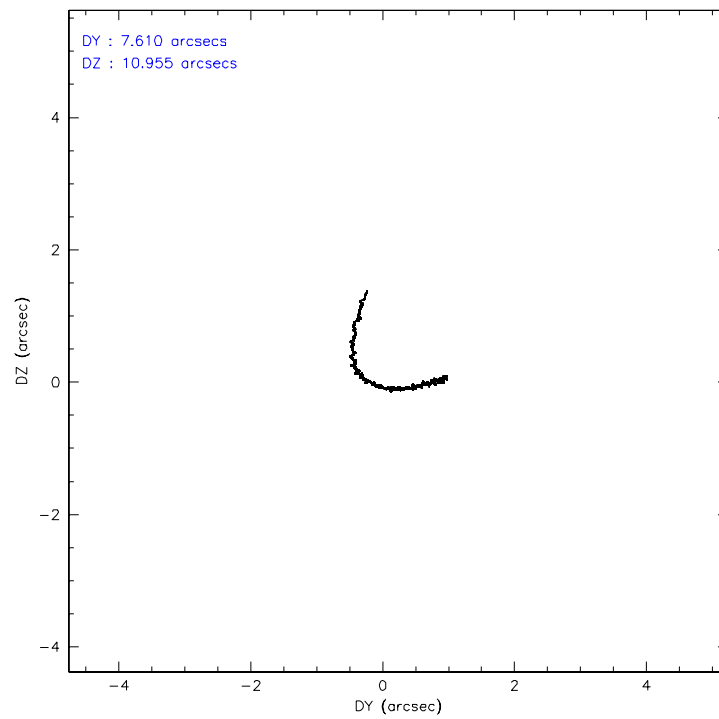
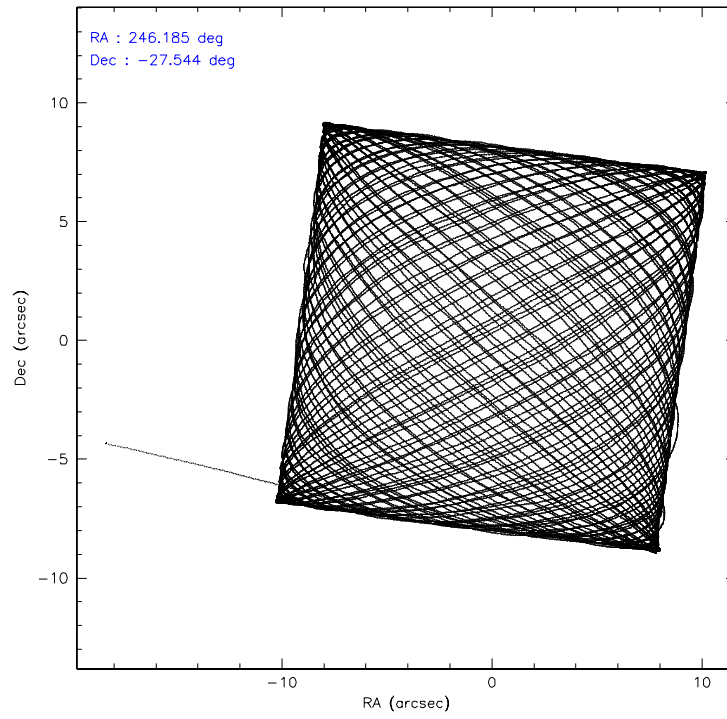
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	288170	256227	323203	273207	255145	328703
rejected events	261781	231587	169799	245366	145683	254869
rejected %	90%	90%	52%	89%	57%	77%

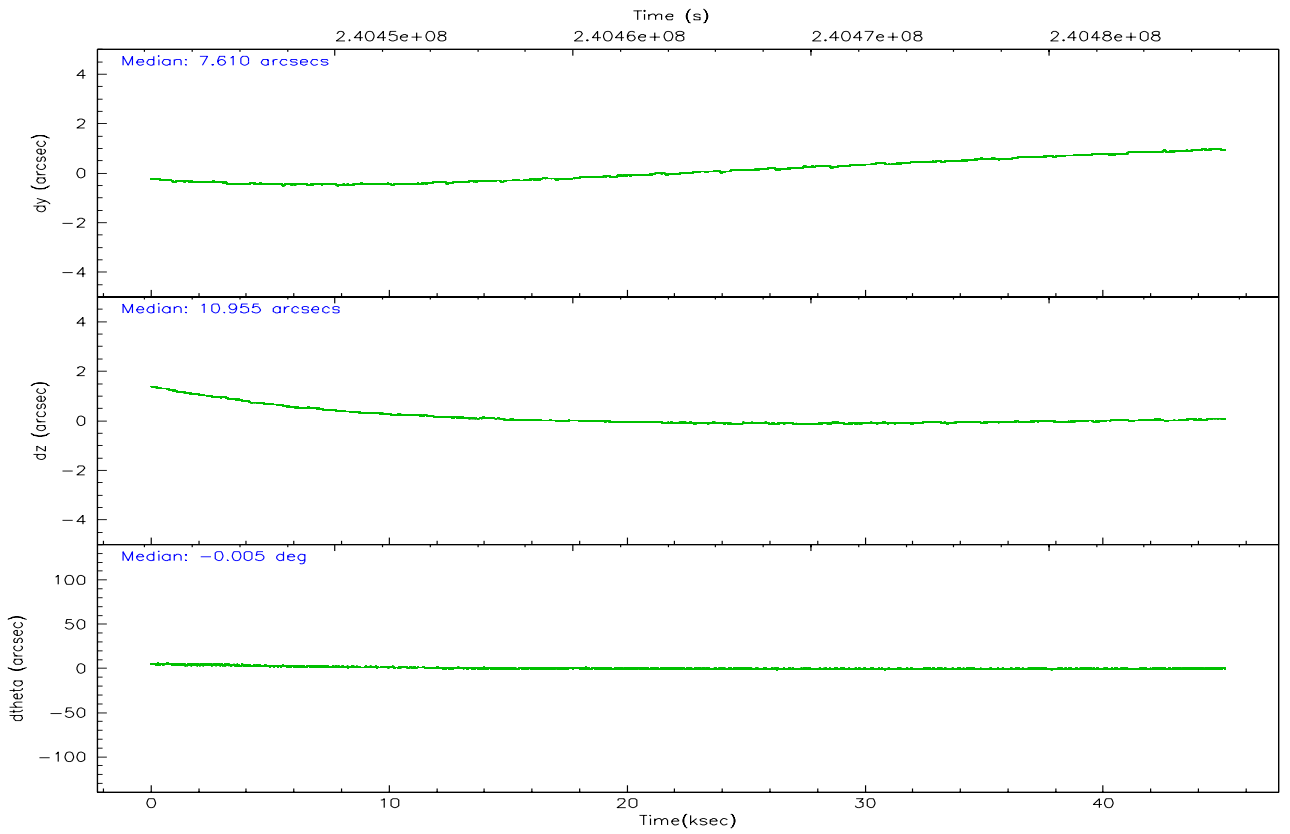
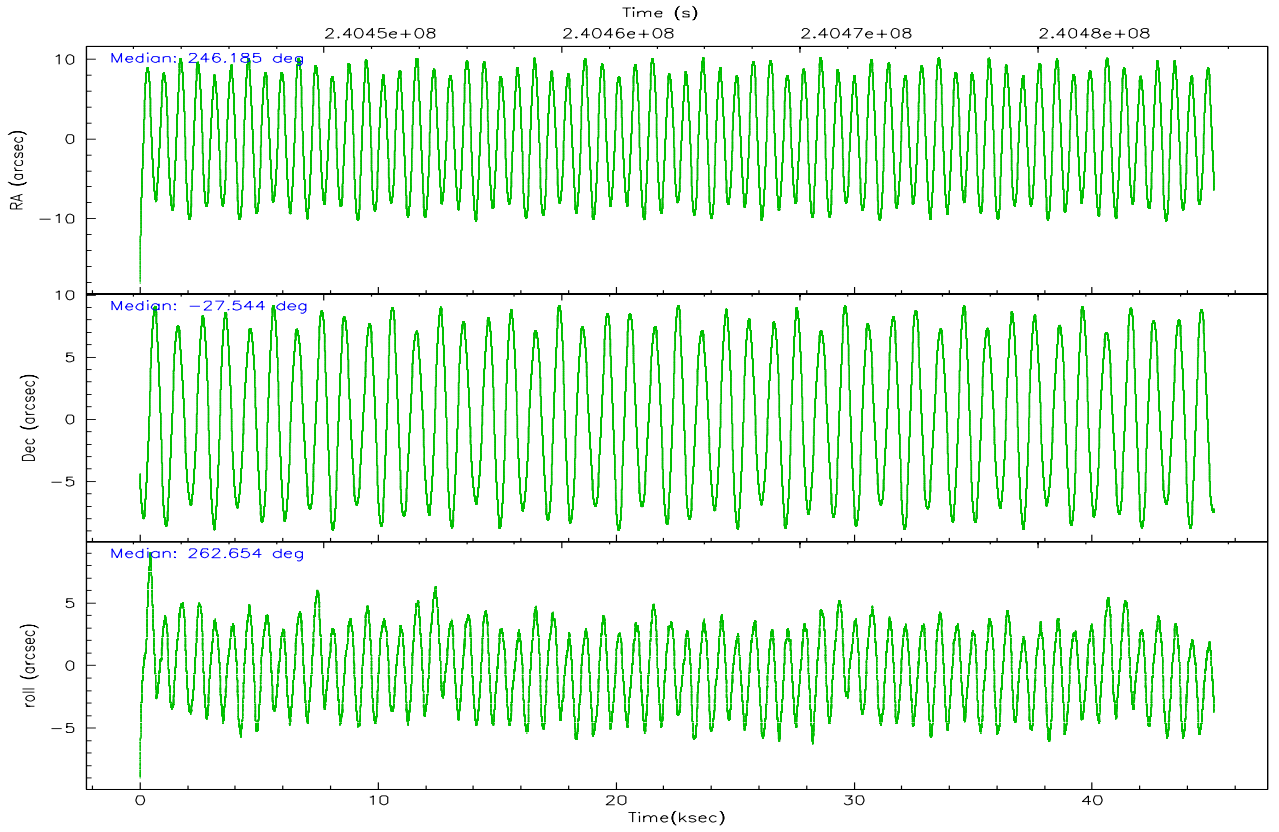
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	10816	9809	11209	11090	7432	20321
	3%	3%	3%	4%	2%	6%
grade 1 events	144	161	90	136	150	214
	0%	0%	0%	0%	0%	0%
grade 2 events	6321	5282	48681	6132	27344	18374
	2%	2%	15%	2%	10%	5%
grade 3 events	2841	2909	3287	3139	6326	8691
	0%	1%	1%	1%	2%	2%
grade 4 events	2818	2772	3179	2986	6114	7936
	0%	1%	0%	1%	2%	2%
grade 5 events	7692	9007	18634	9439	20942	14517
	2%	3%	5%	3%	8%	4%
grade 6 events	4534	4739	92827	5495	66290	21137
	1%	1%	28%	2%	25%	6%
grade 7 events	253004	221548	145296	234790	120547	237513
	87%	86%	44%	85%	47%	72%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	246.172834	246.1850517978192	Alternating exposures requested	N	N
Pointing Dec	-27.519119	-27.54409526684326	Primary exposure time	0.000000	3.2
Pointing Roll	262.496878	262.6591535177818			
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	240442403.184000	240440380.22447			
Observation start date	2005-08-14T21:32:19	2005-08-14T20:59:40			
Observation end time	240487403.184000	240488132.92666			
Observation end date	2005-08-15T10:02:19	2005-08-15T10:15:32			
Read mode	TIMED	TIMED			

2.3 Aspect



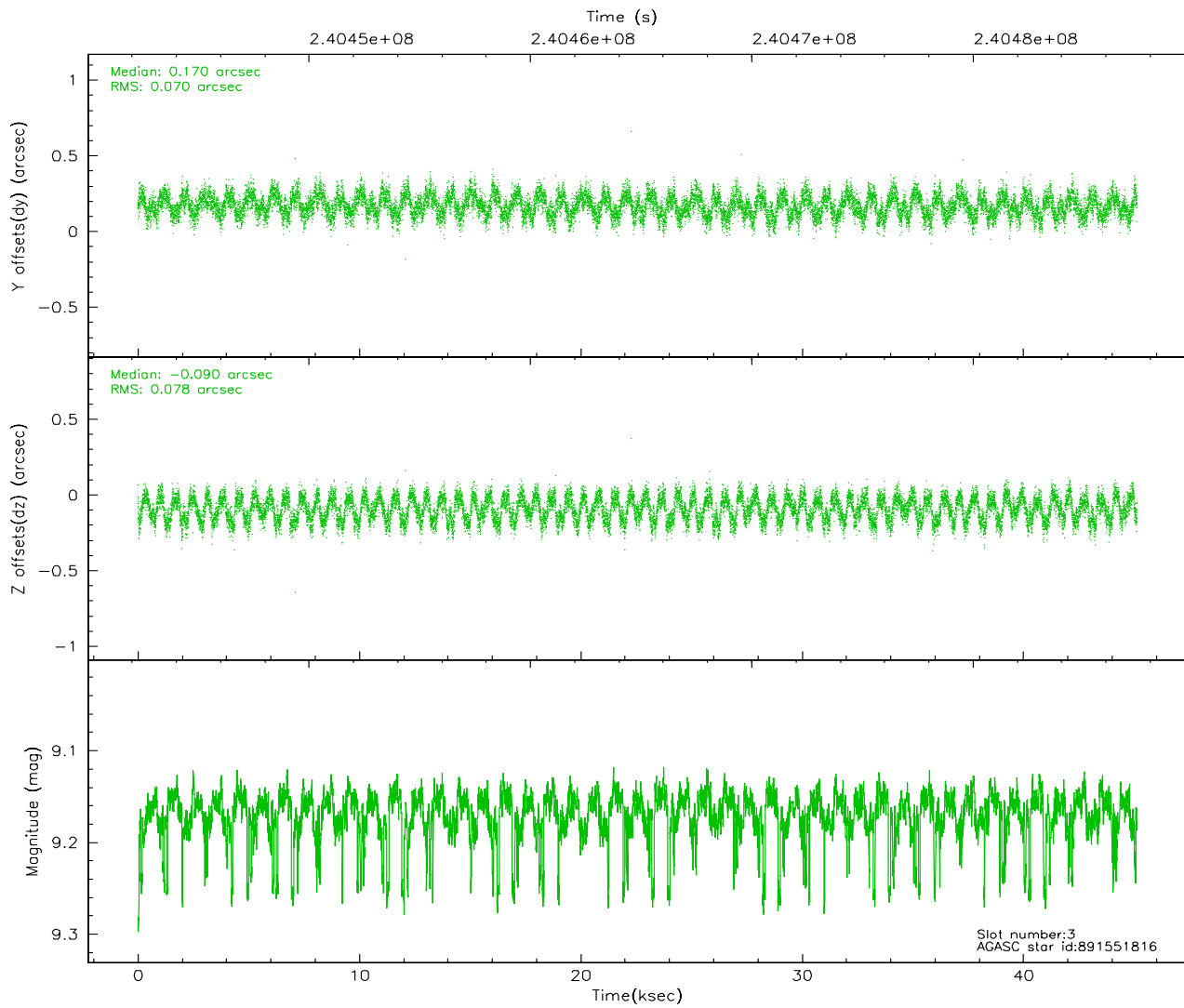
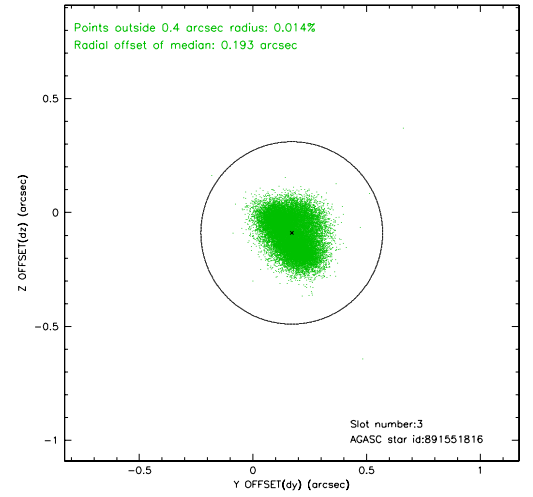
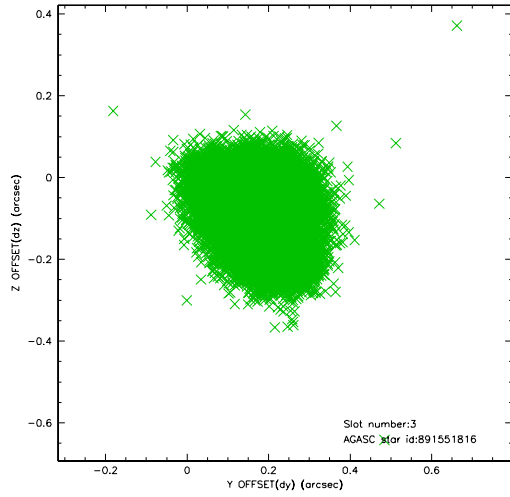


Slot Statistics

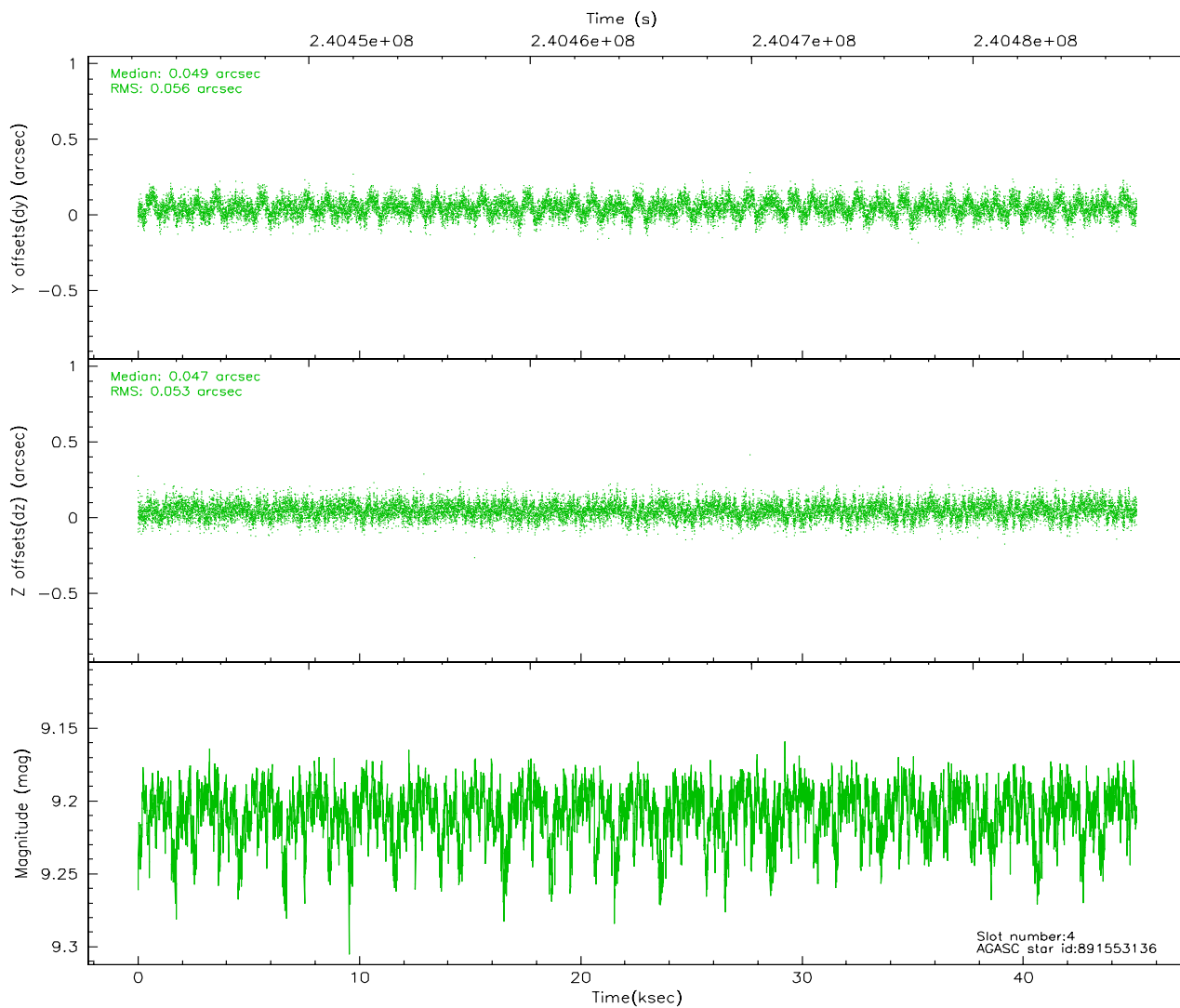
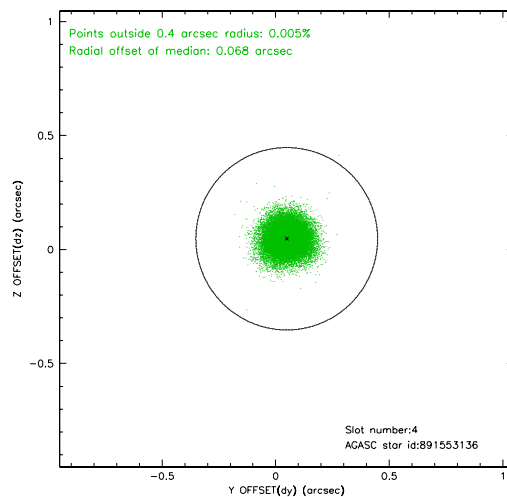
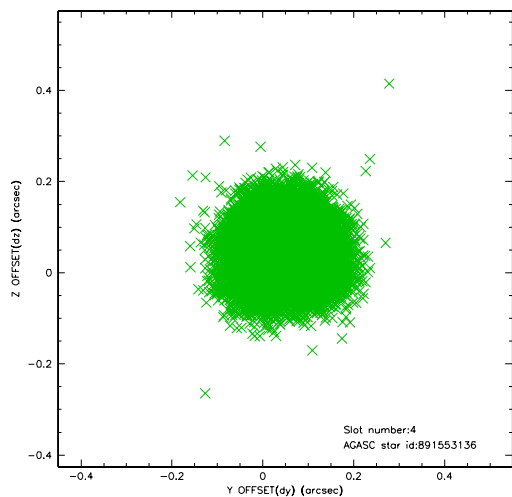
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	11009	-0.030	0.004	0.012	0.020	0.000000	0.000000	-760.48	-1732.39
1	FID	ACIS-S-4	7.21	11007	0.061	0.013	0.019	0.039	0.000000	0.000000	2152.86	176.16
2	FID	ACIS-S-5	7.23	11008	-0.059	-0.010	0.021	0.045	0.000000	0.000000	-1813.39	169.73
3	GUIDE	891551816	9.17	21949	0.170	-0.090	0.115	0.170	246.153106	-27.968763	1613.44	149.16
4	GUIDE	891553136	9.21	21995	0.049	0.047	0.083	0.133	246.454955	-27.819225	955.30	1031.54
5	GUIDE	891560800	7.92	22011	-0.031	-0.103	0.068	0.110	246.296971	-27.667531	478.62	462.01
6	GUIDE	891561680	7.79	22016	-0.106	0.031	0.096	0.141	246.126760	-27.151147	-1293.76	-319.45
7	GUIDE	891552176	8.99	22004	-0.076	0.127	0.088	0.140	246.804004	-27.854109	938.28	2150.14

2.4 Star Slots

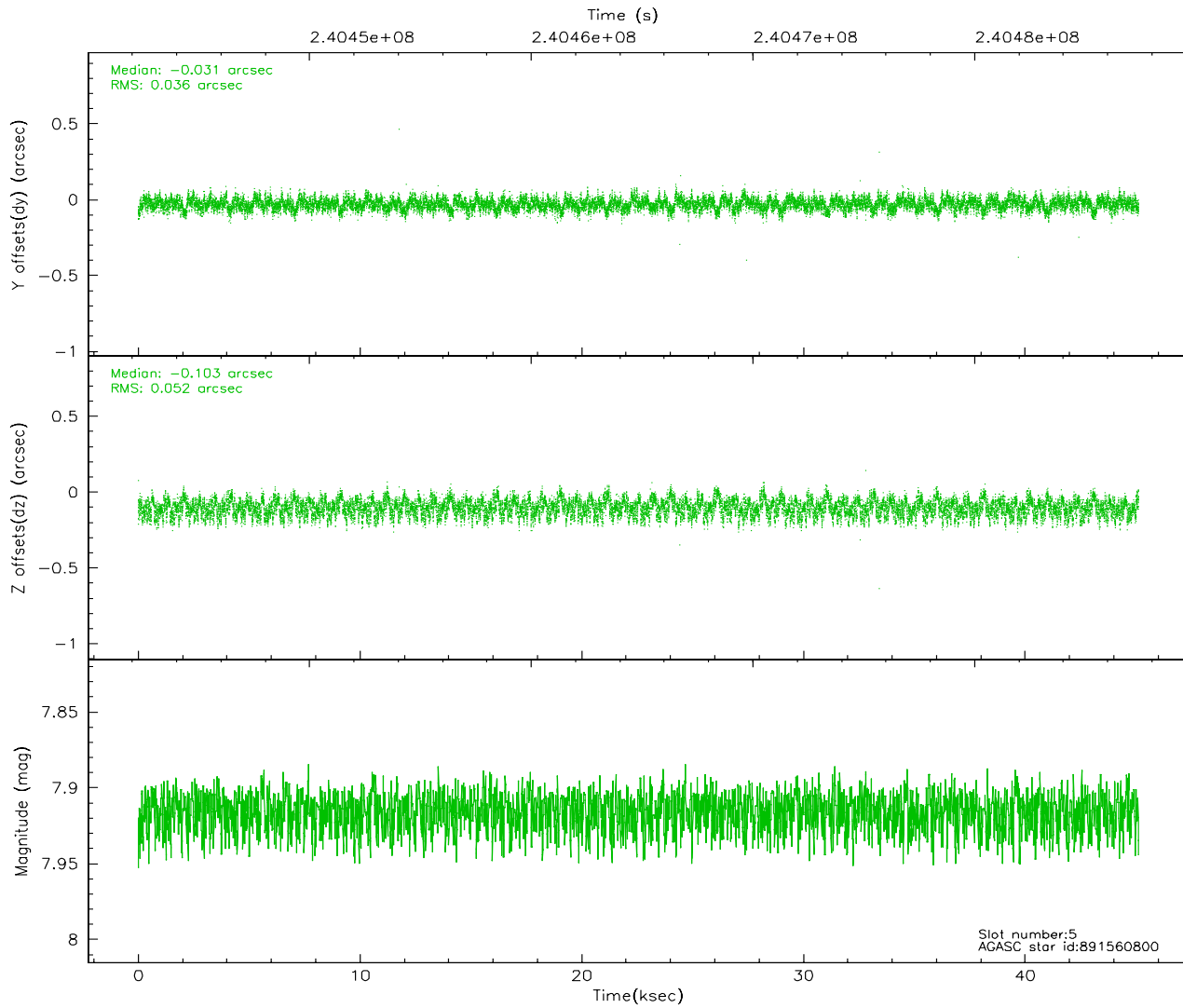
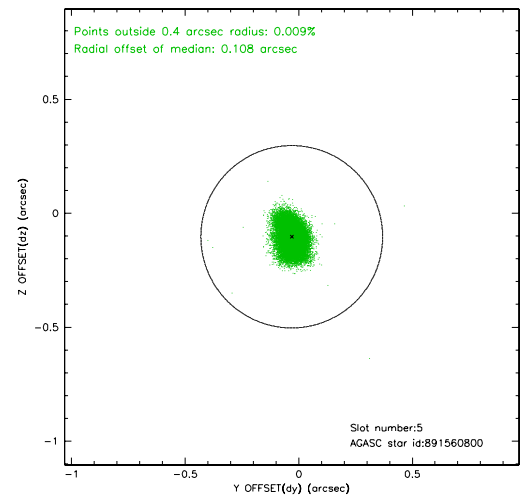
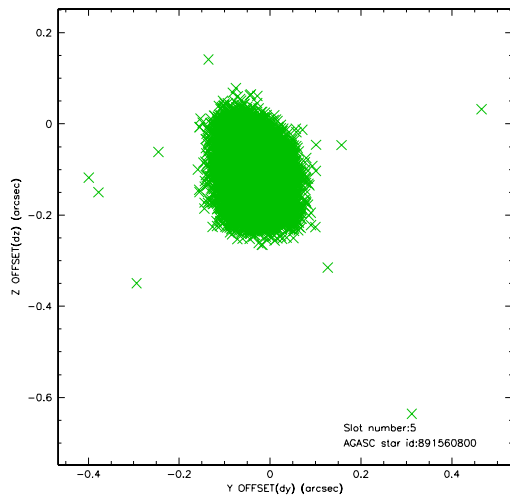
2.4.1 Slot 3



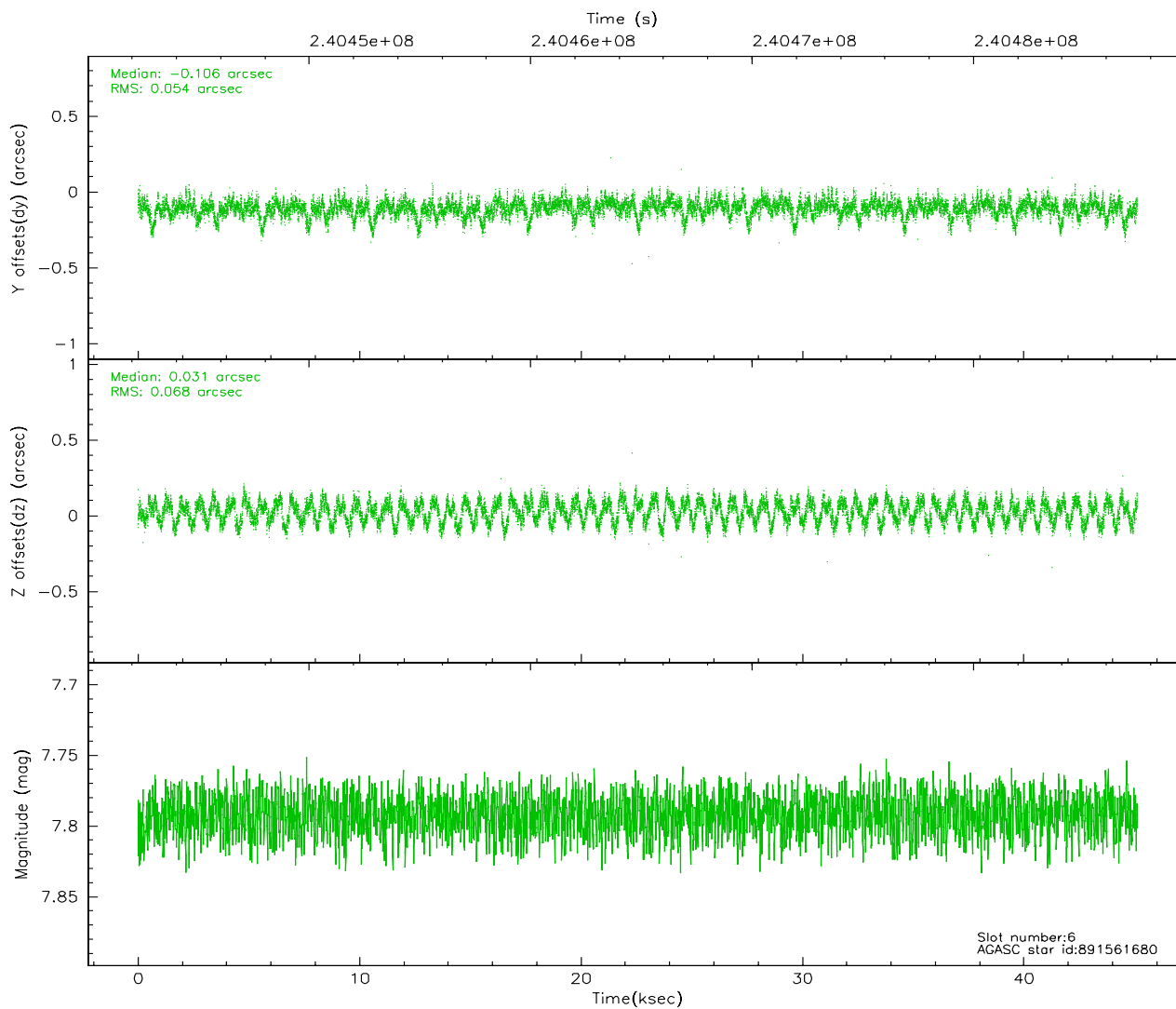
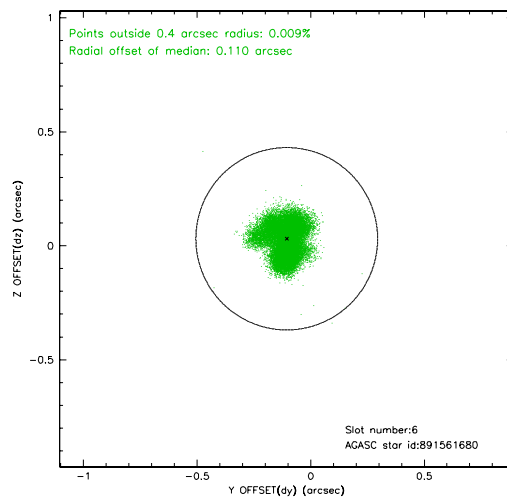
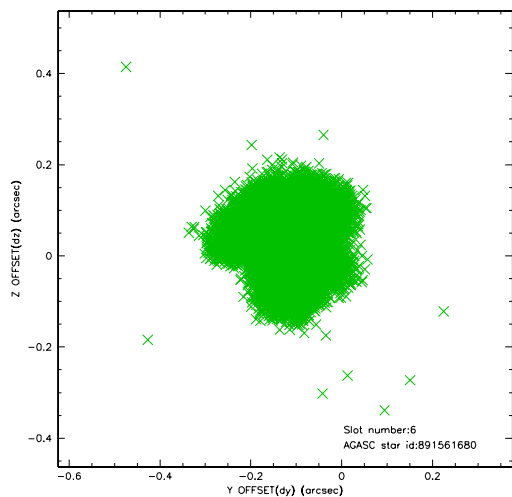
2.4.2 Slot 4



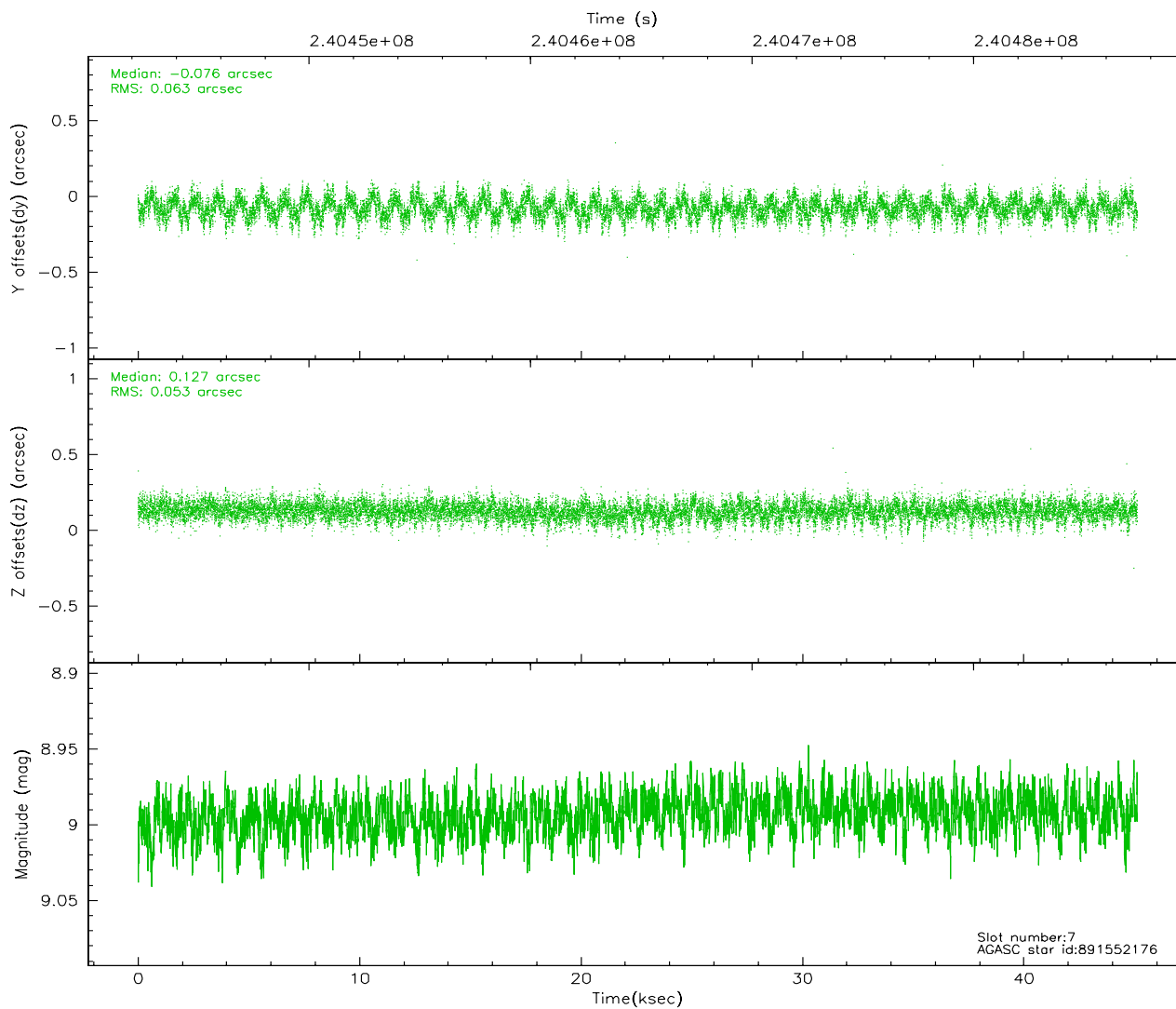
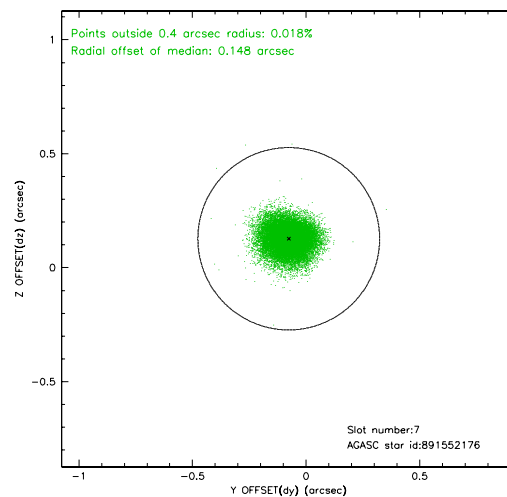
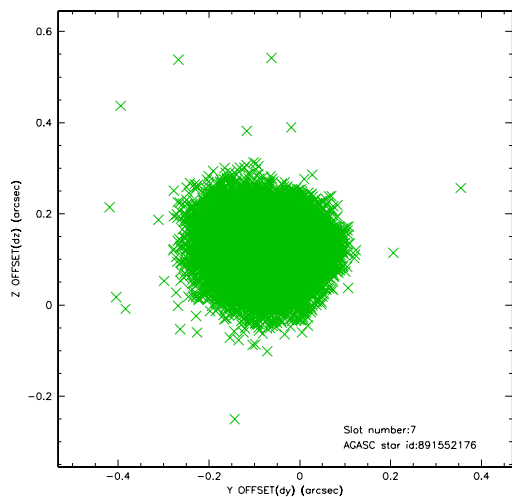
2.4.3 Slot 5



2.4.4 Slot 6

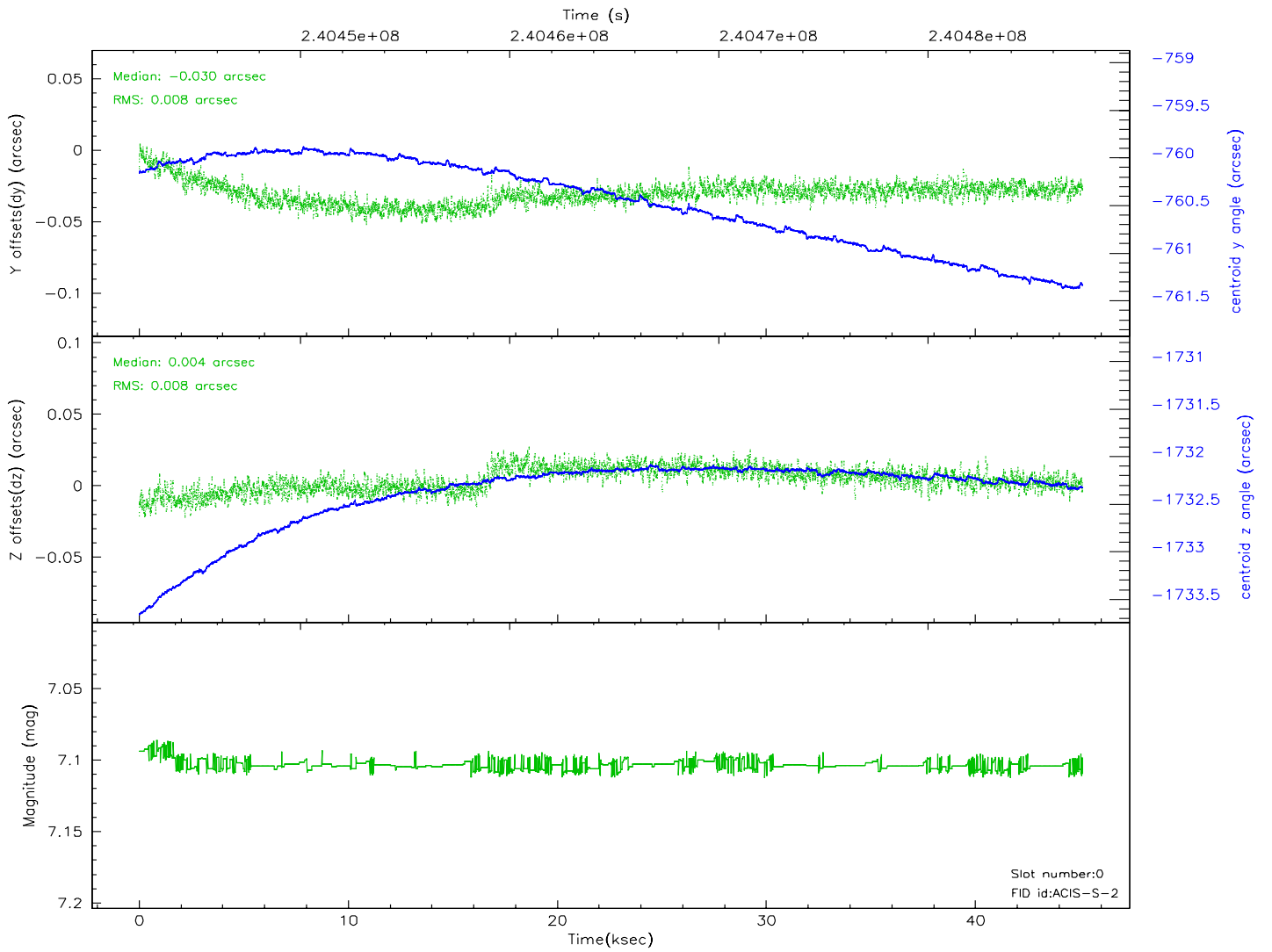
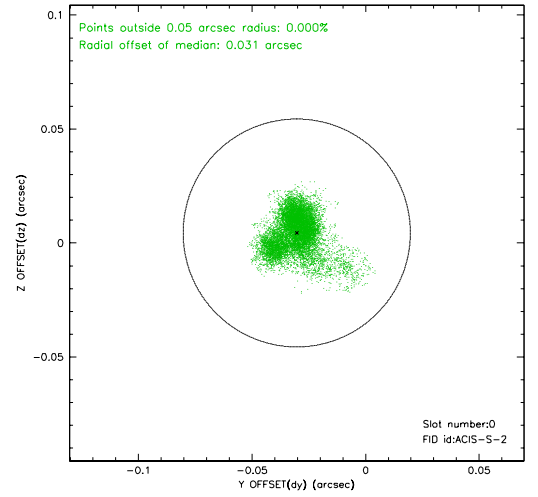
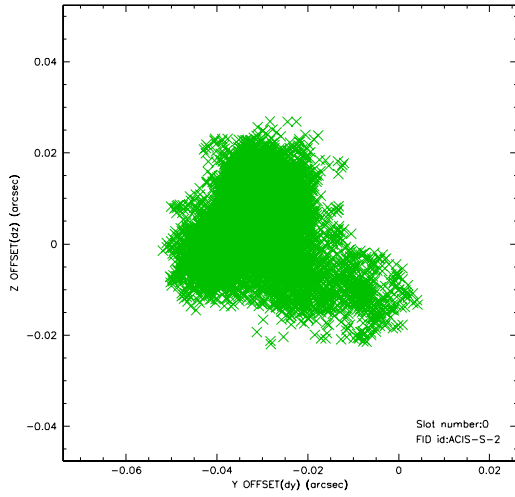


2.4.5 Slot 7

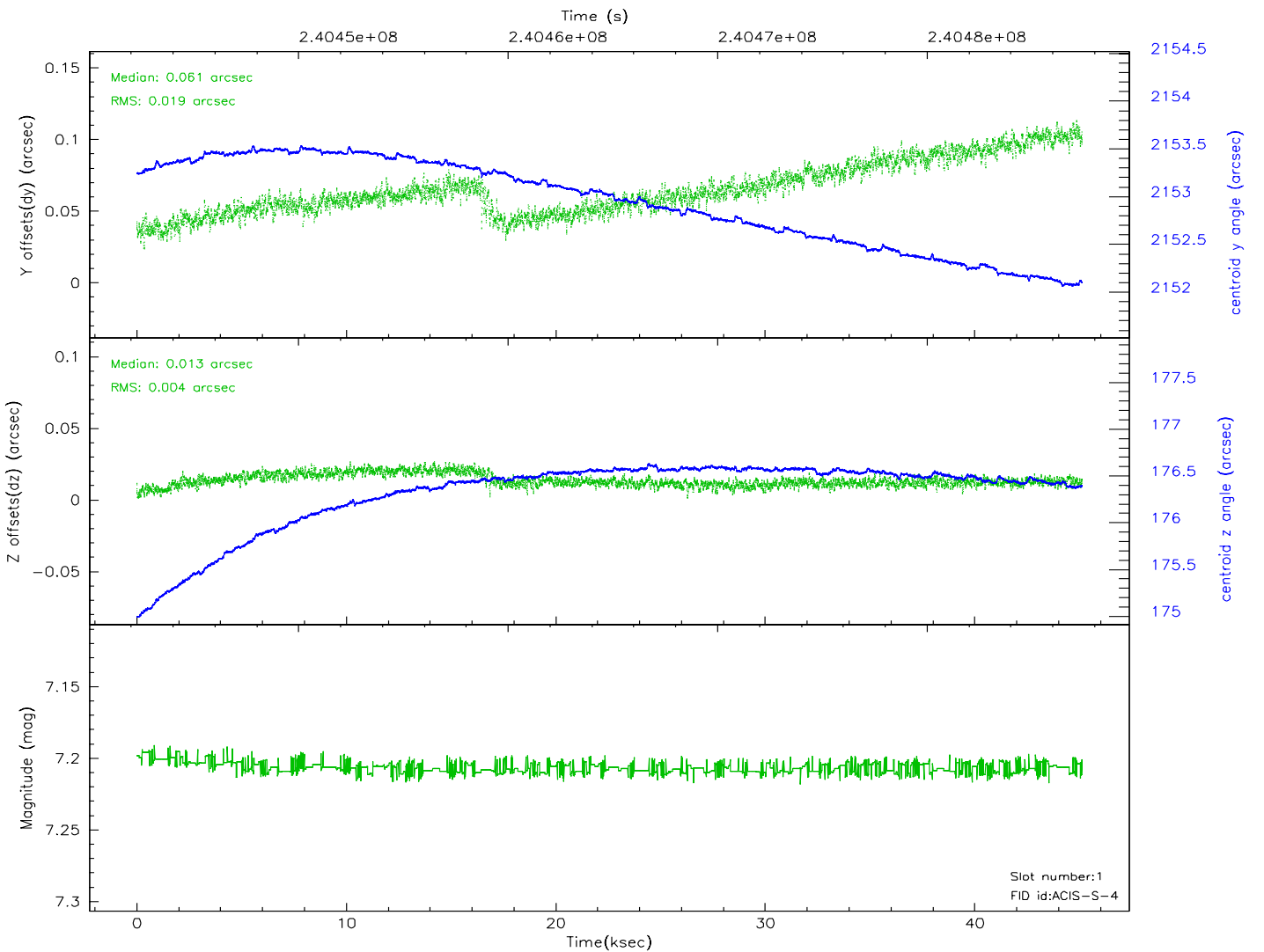
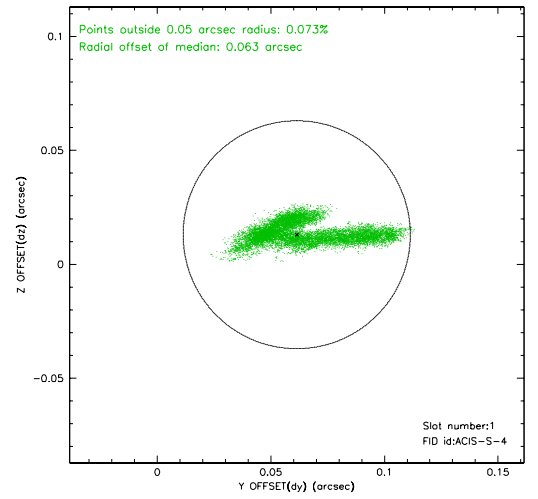
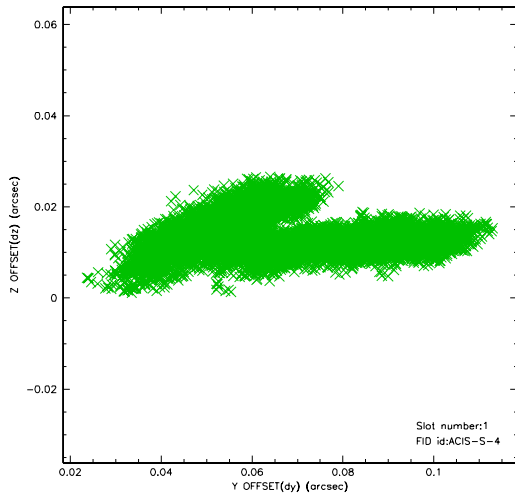


2.5 FID Slots

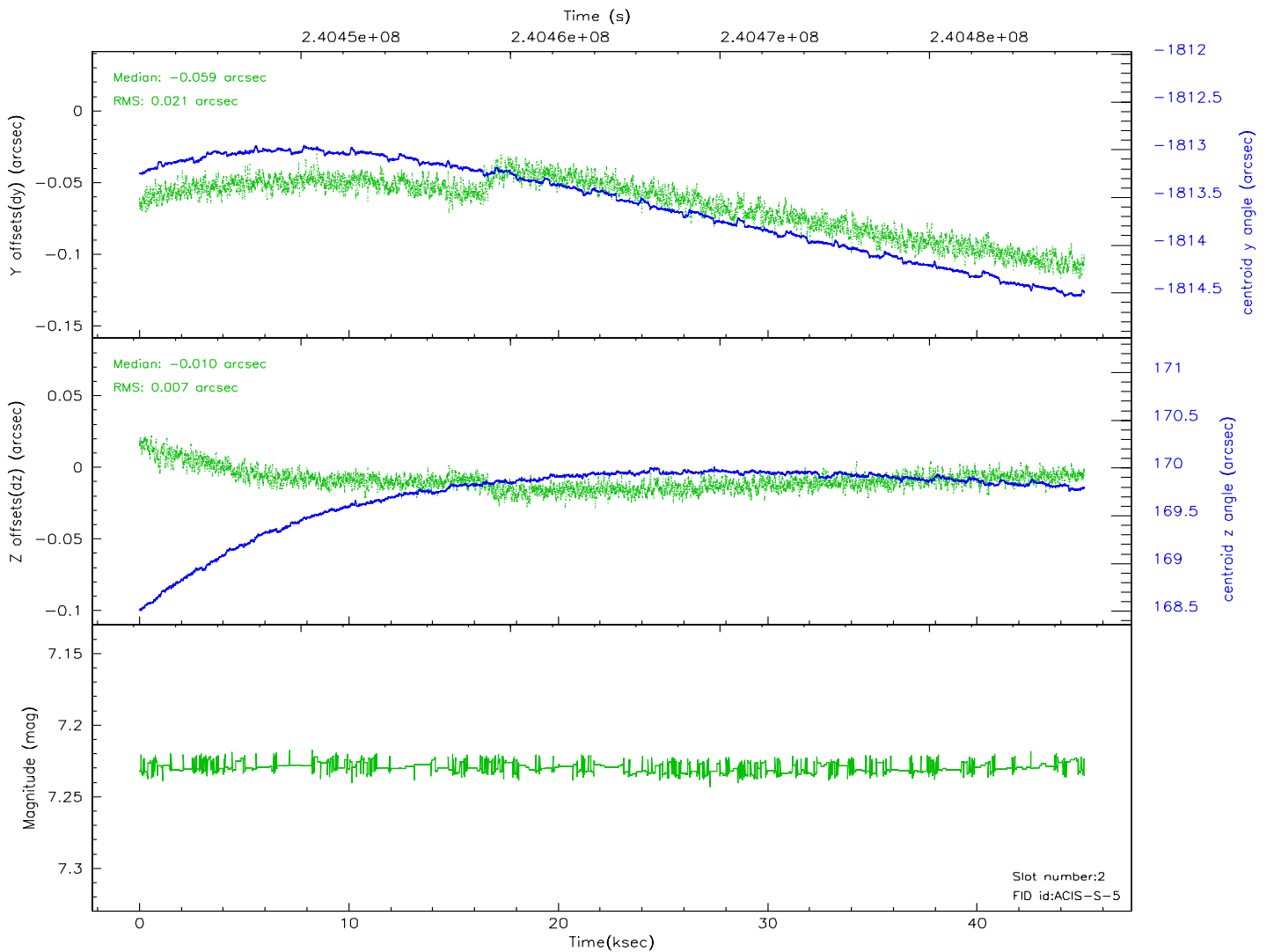
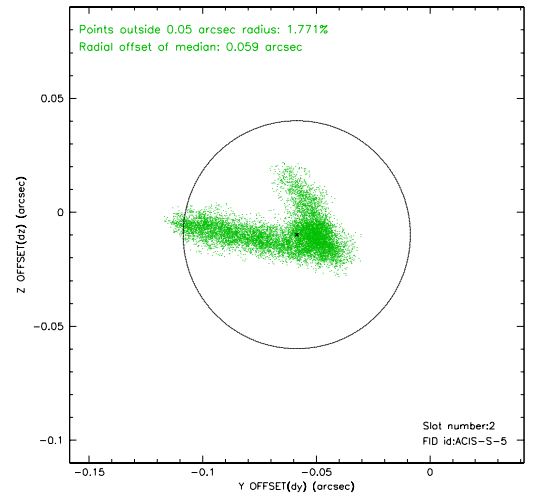
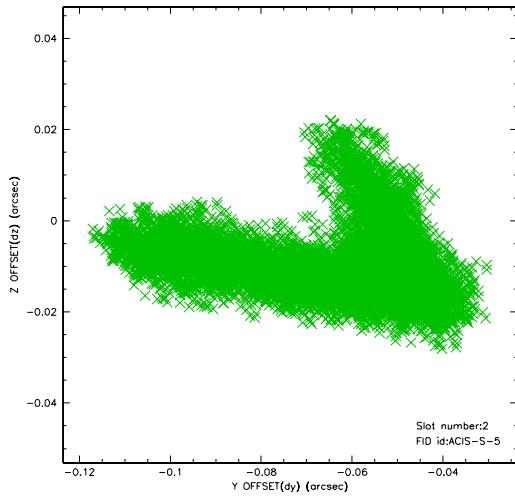
2.5.1 Slot 0



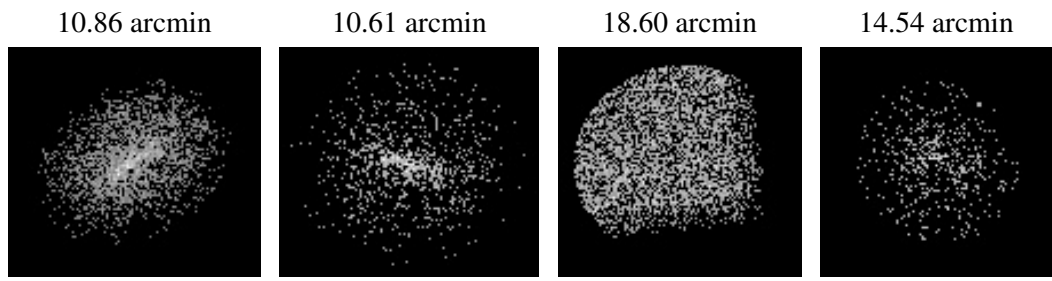
2.5.2 Slot 1



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	45.1296

A.2 Comments

Followup observation to T00; does not meet window constraint of 12-16 days after first observation. This observation is 19 days after the first observation