

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 79 - L2 Version 001
Chandra X-Ray Center

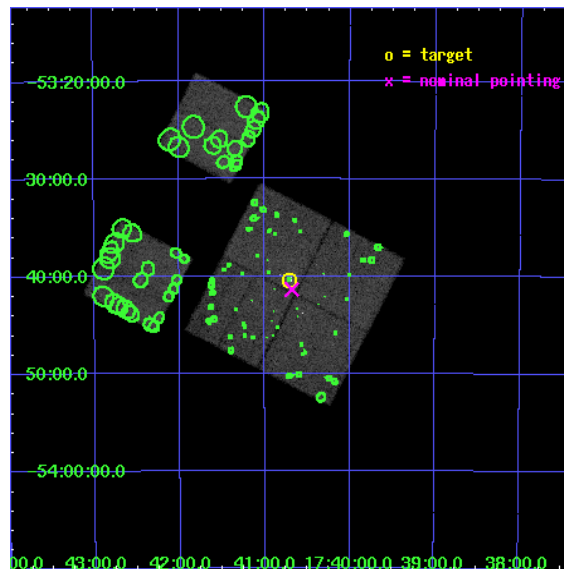
L2 Processing Date : Jun 1 2007

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1 Front

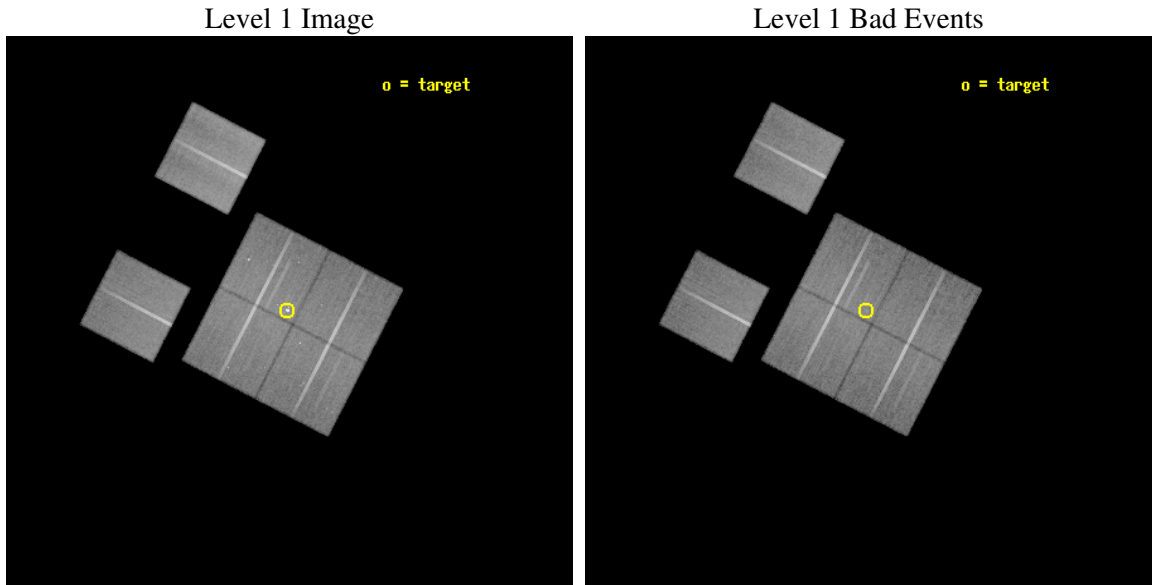
seq_num	300004
obs_id	79
title	NATURE AND ORIGIN OF CATAclysmic VARIABLES AND DIM X-RAY SOURCES IN GLOBULAR CLUSTERS
observer	Dr. Stephen Murray
object	NGC 6397
dtcycle	0
cycle	P
ra_targ	265.17583
dec_targ	-53.67325
ra_nom	265.17032608076
dec_nom	-53.689384783974
roll_nom	297.2739731583
revision	3
ontime	48963.200045601
livetime	48343.198524524
ontime0	48963.200045601
ontime1	48959.95908536
ontime2	48963.200045601
ontime3	48963.200045601
ontime6	48959.959085375
ontime8	48963.200045601
l2events	196157



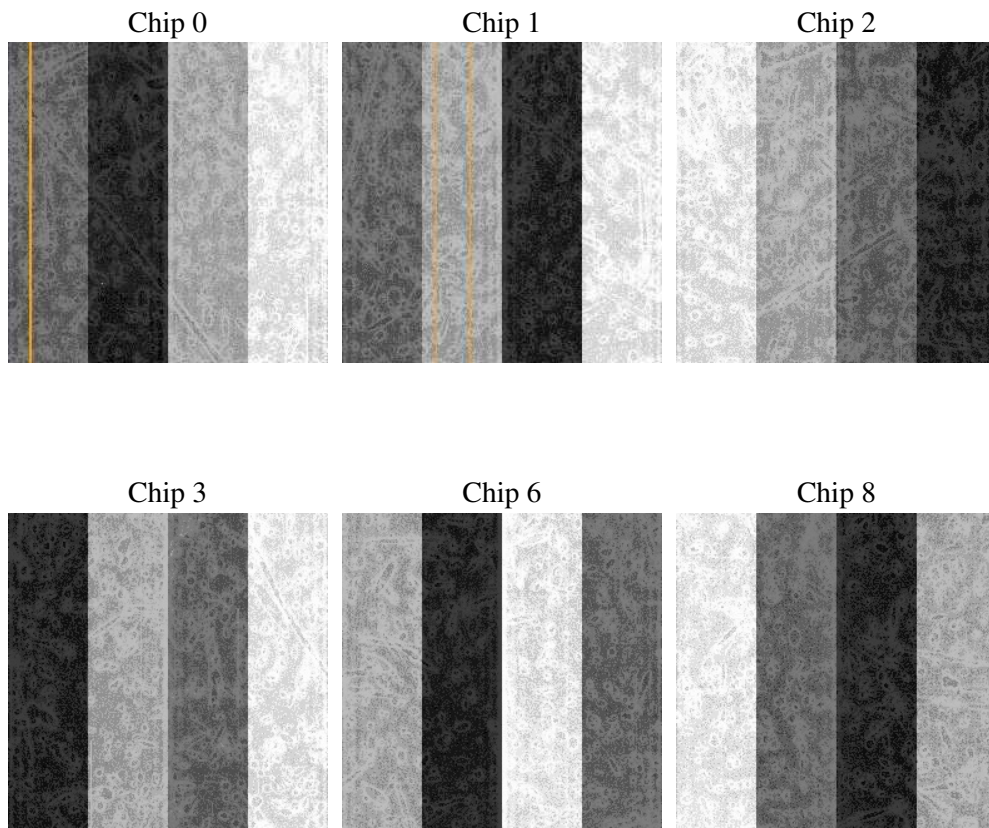
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-01T05:26:49
revision	3

sched_exp_time	49000.000000
ontime	48963.200045601
ontime0	48963.200045601
ontime1	48959.95908536
ontime2	48963.200045601
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ontime6	48959.959085375
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l1events	1817869

2.1.4 Events

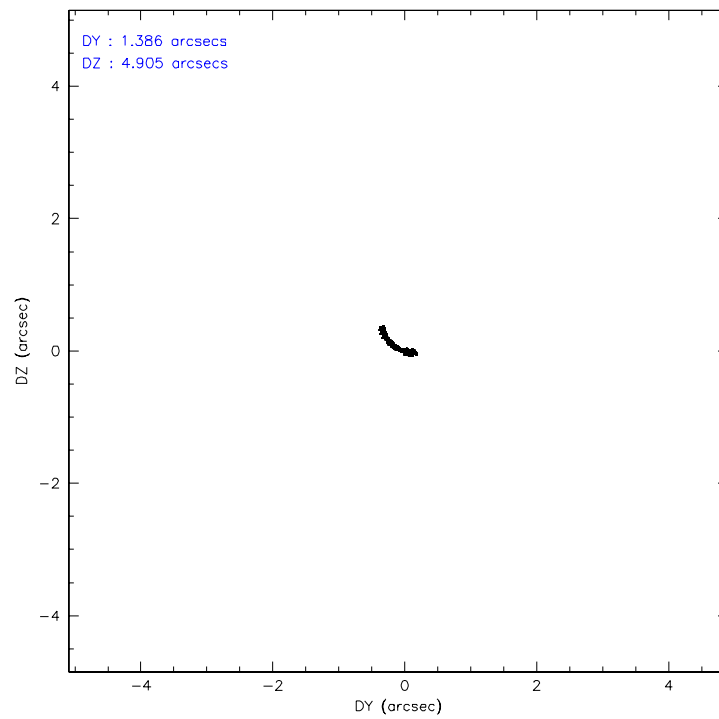
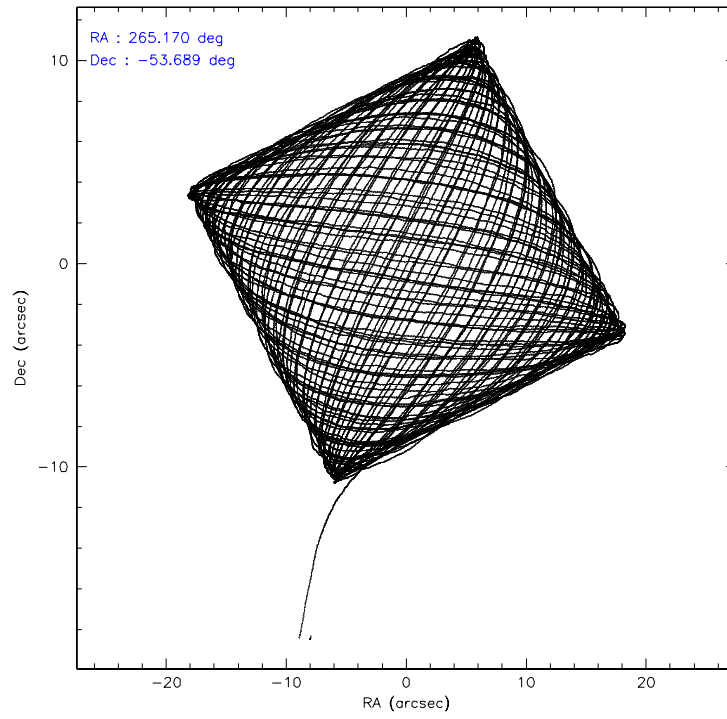
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
level 1 events	274726	271699	297126	304398	292832	377088
rejected events	237706	235281	262760	259712	258418	303116
rejected %	86%	86%	88%	85%	88%	80%

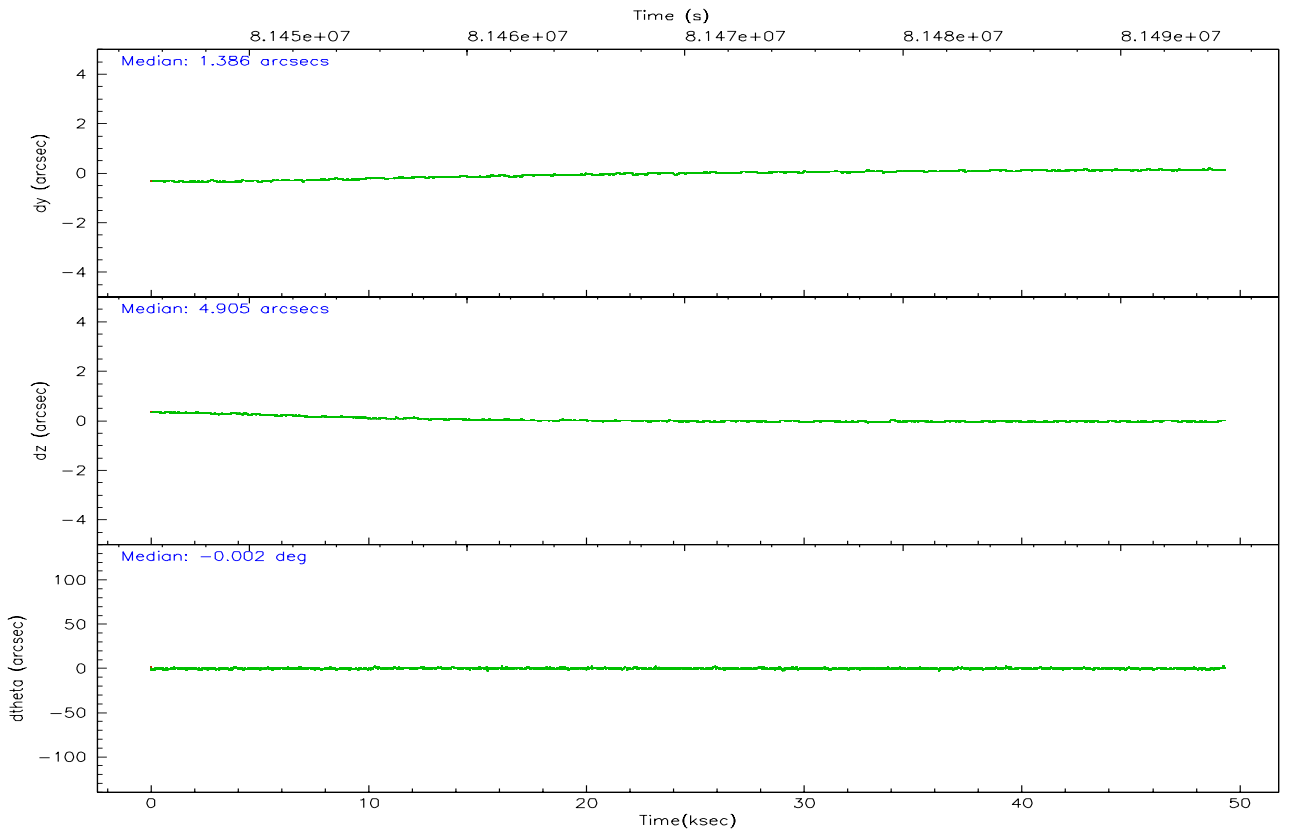
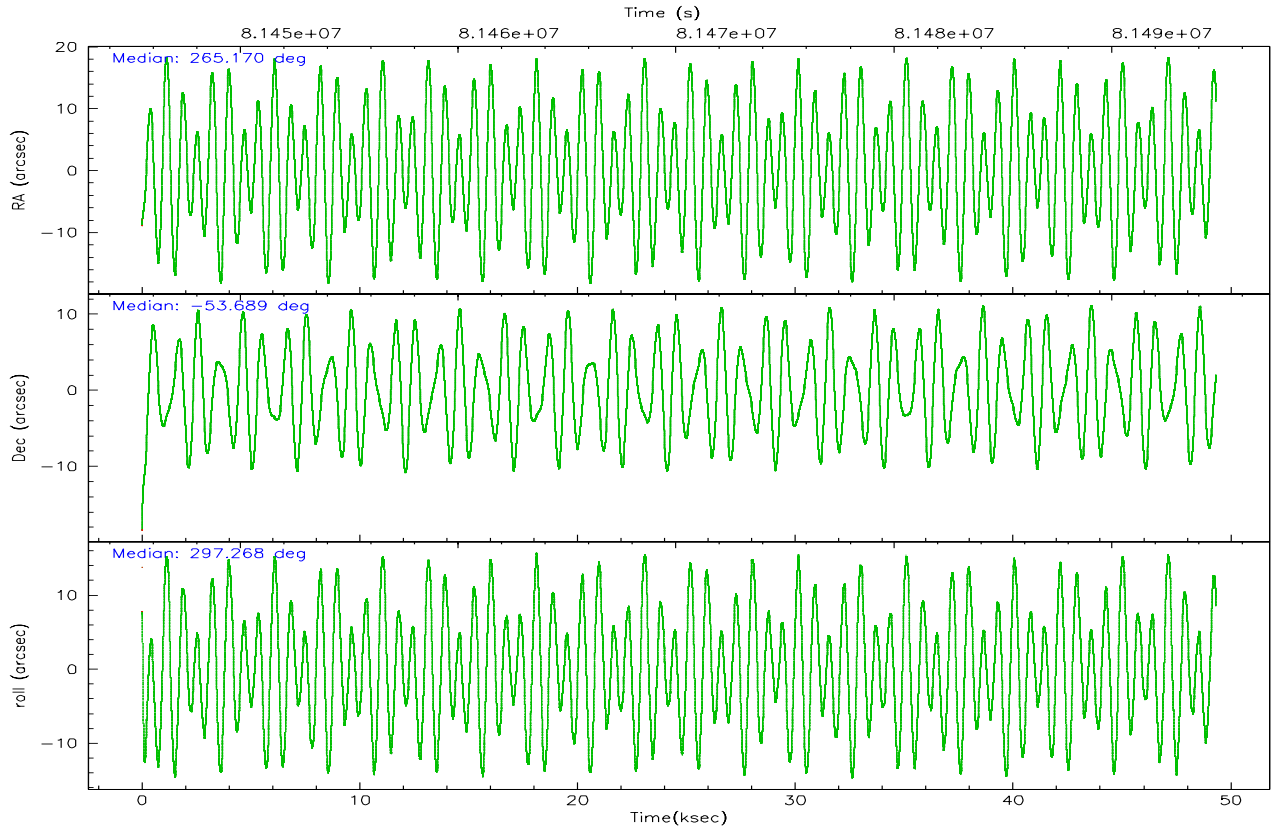
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
grade 0 events	17535	16022	16153	24128	15232	24200
	6%	5%	5%	7%	5%	6%
grade 1 events	152	153	137	218	119	237
	0%	0%	0%	0%	0%	0%
grade 2 events	7062	6899	6699	7684	6350	15529
	2%	2%	2%	2%	2%	4%
grade 3 events	3520	3615	3102	3521	3317	7864
	1%	1%	1%	1%	1%	2%
grade 4 events	3163	3534	3074	3472	3268	7381
	1%	1%	1%	1%	1%	1%
grade 5 events	9783	10280	9357	10542	11405	14866
	3%	3%	3%	3%	3%	3%
grade 6 events	5744	6351	5343	5887	6252	19003
	2%	2%	1%	1%	2%	5%
grade 7 events	227767	224845	253261	248946	246889	288008
	82%	82%	85%	81%	84%	76%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012368	ACIS-012368	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	265.131309	265.1703260807624	Subarray requested	NONE	NONE
Pointing Dec	-53.674365	-53.68938478397357	Alternating exposures requested	N	N
Pointing Roll	297.033840	297.2739731582984	Primary exposure time	3.200000	3.2
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	81445807.184000	81444693.650272			
Observation start date	2000-07-31T15:49:03	2000-07-31T15:31:33			
Observation end time	81494807.184000	81495785.802173			
Observation end date	2000-08-01T05:25:43	2000-08-01T05:43:05			
Read mode	TIMED	TIMED			

2.3 Aspect



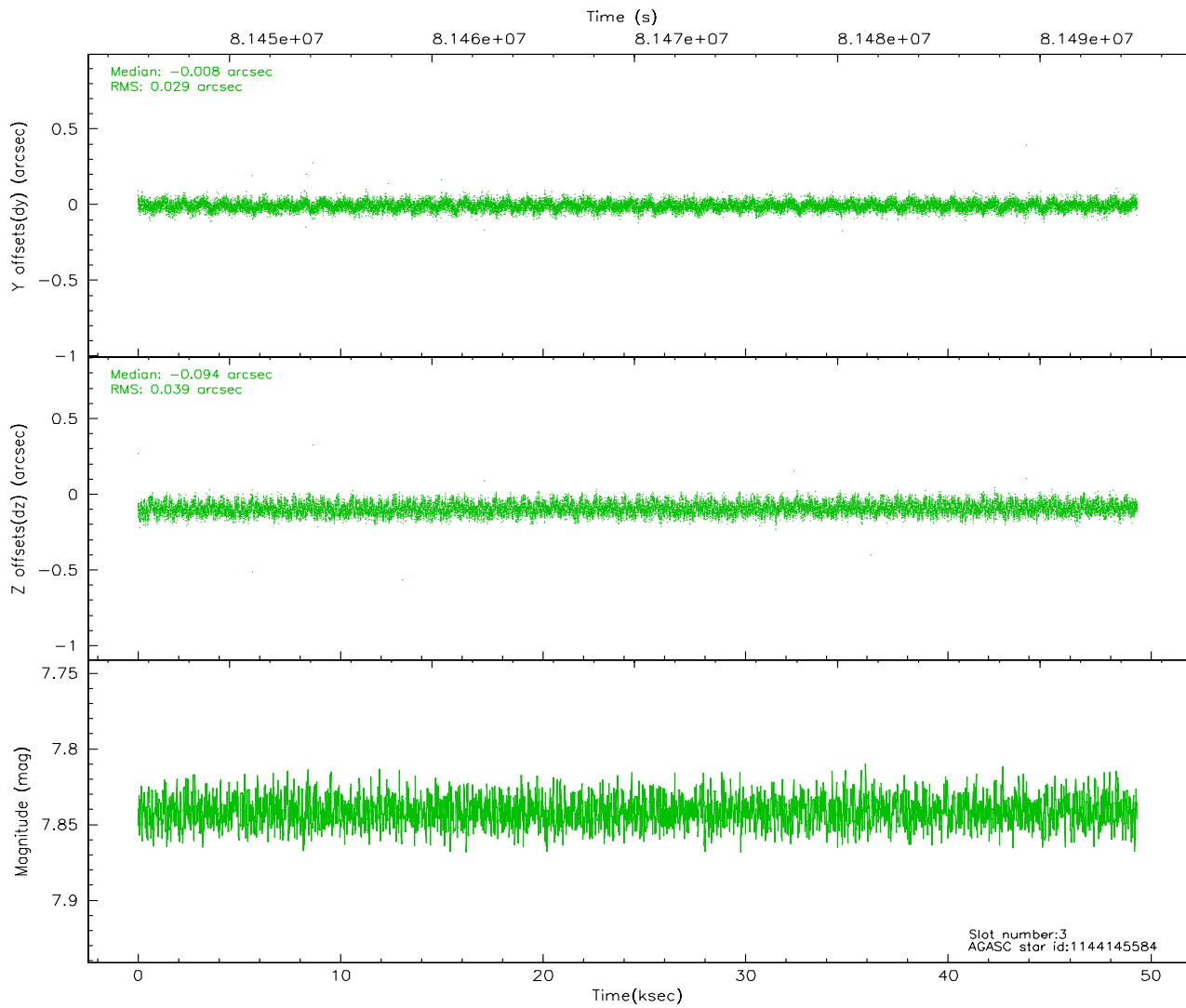
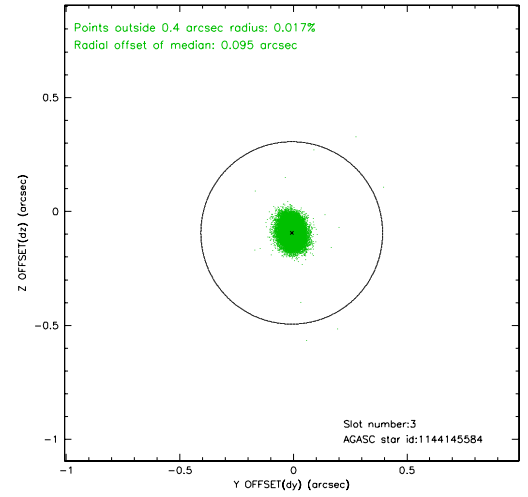
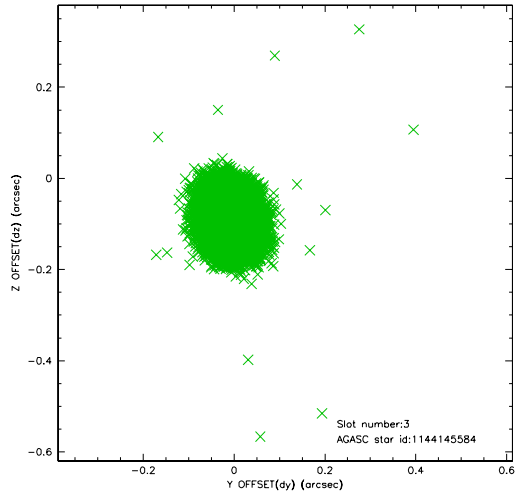


Slot Statistics

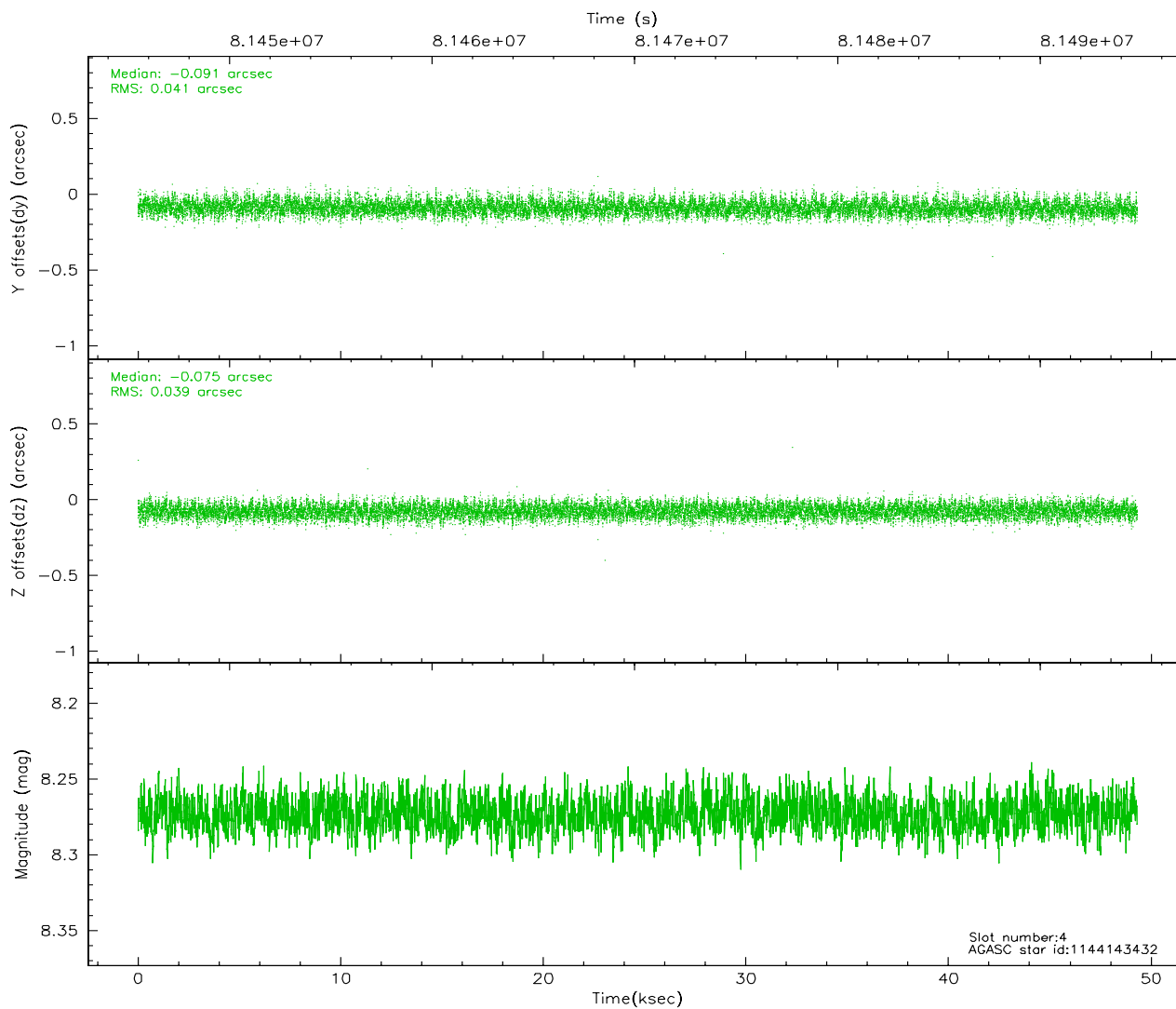
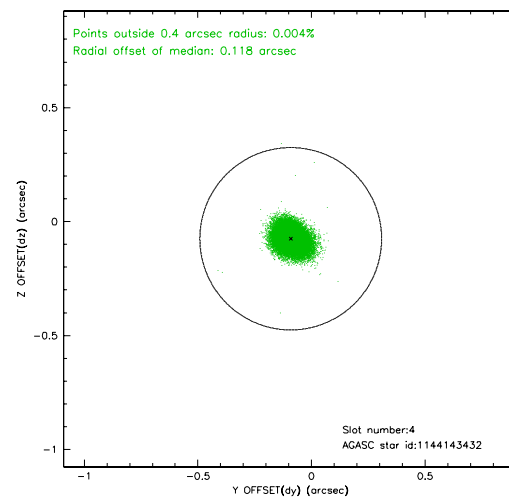
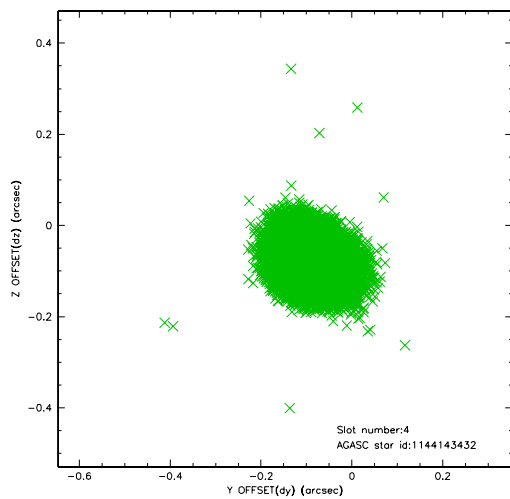
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	12029	-0.019	-0.002	0.013	0.022	0.000000	0.000000	-755.69	-834.66
1	FID	ACIS-I-4	7.19	12025	-0.075	0.021	0.009	0.017	0.000000	0.000000	2158.32	1071.54
2	FID	ACIS-I-5	7.23	12028	-0.006	0.050	0.012	0.020	0.000000	0.000000	-1809.52	1069.41
3	GUIDE	1144145584	7.84	24057	-0.008	-0.094	0.051	0.082	265.659245	-53.963660	1440.03	521.24
4	GUIDE	1144143432	8.27	24055	-0.091	-0.075	0.061	0.098	264.820407	-53.209617	-1793.17	163.00
5	GUIDE	1144141280	9.03	24048	0.103	0.148	0.083	0.134	266.126585	-53.720949	1126.59	1806.24
6	GUIDE	1144145816	9.49	24014	-0.024	0.026	0.094	0.151	264.260207	-54.057474	402.71	-2270.92
7	GUIDE	1144143000	9.51	23981	0.021	-0.003	0.078	0.128	264.340648	-53.479959	-1384.23	-1194.72

2.4 Star Slots

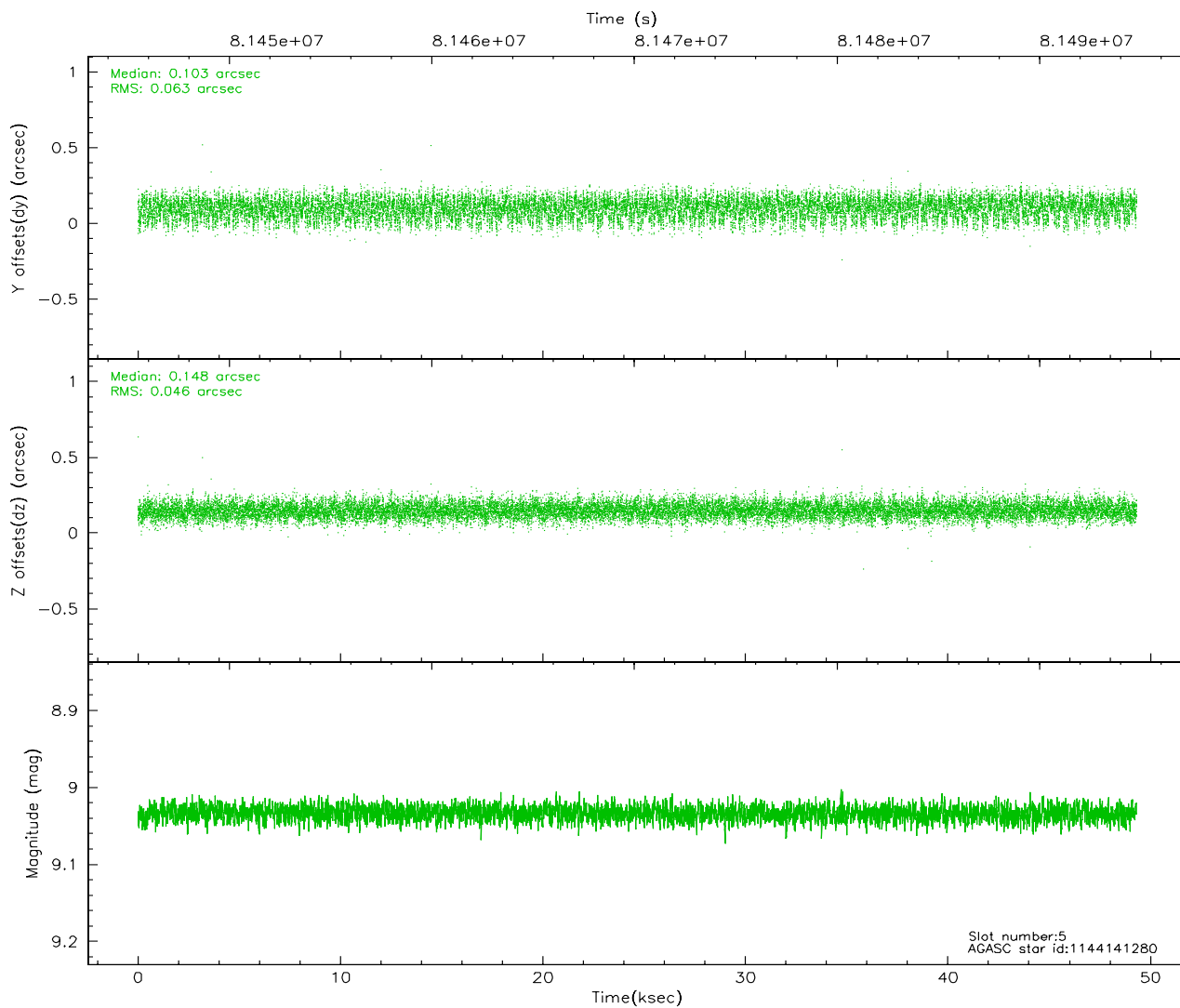
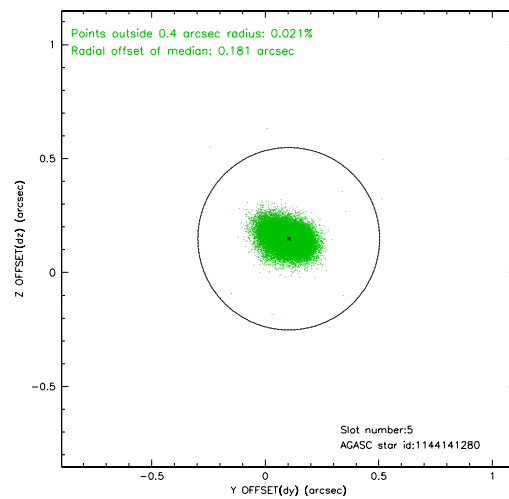
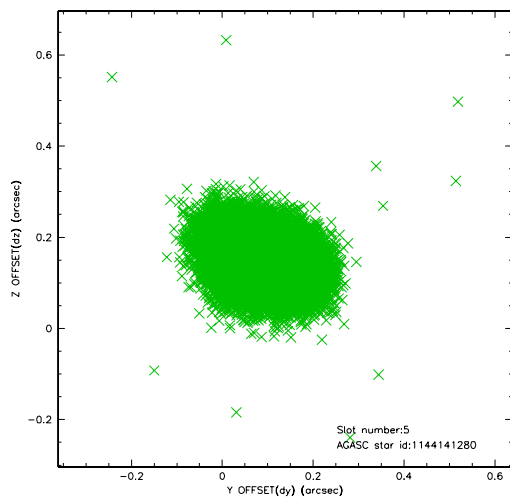
2.4.1 Slot 3



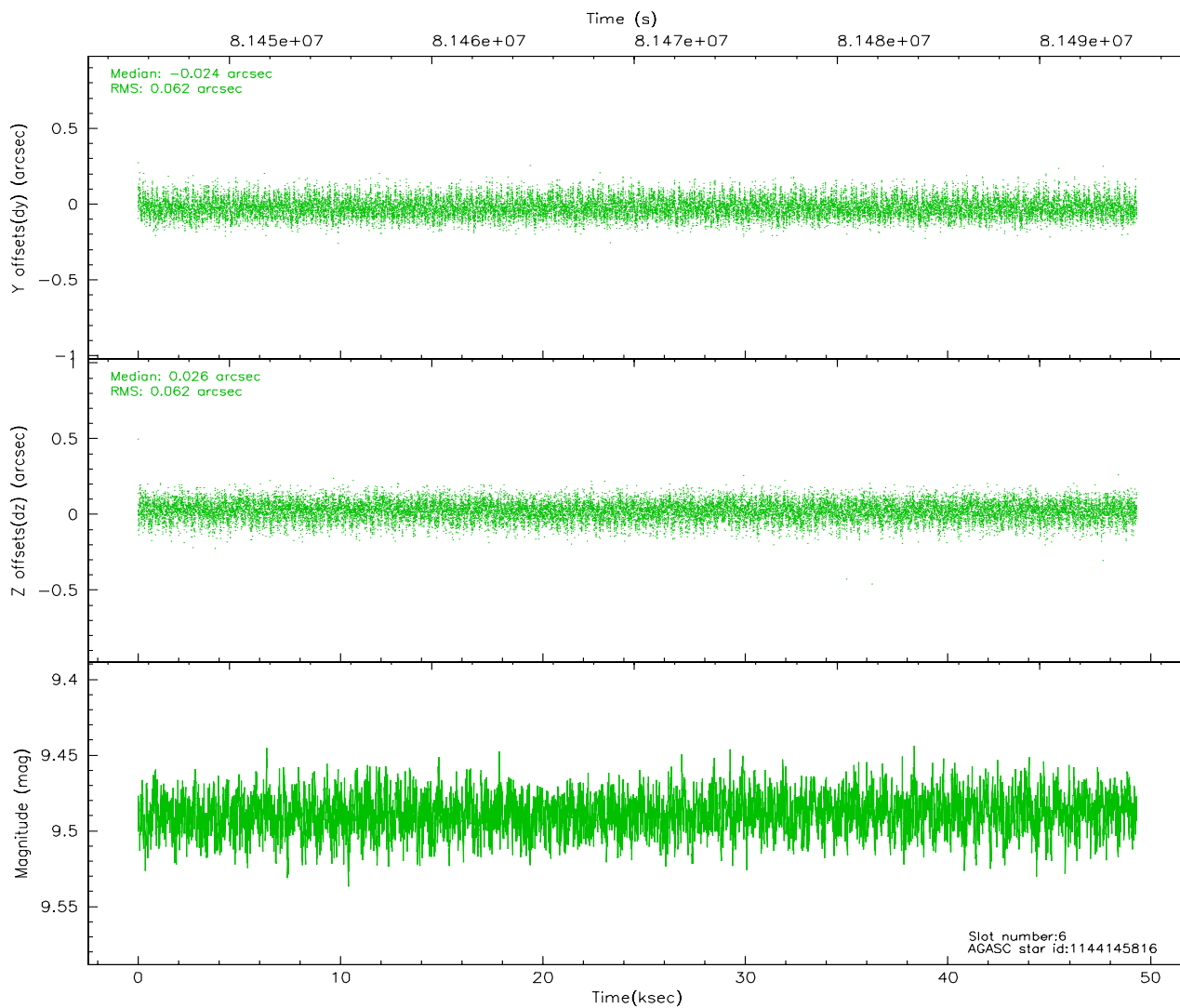
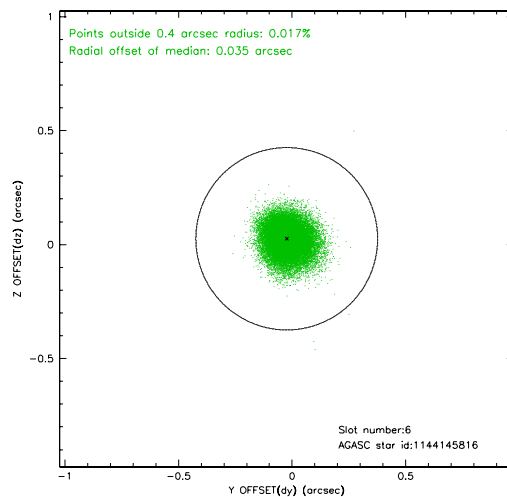
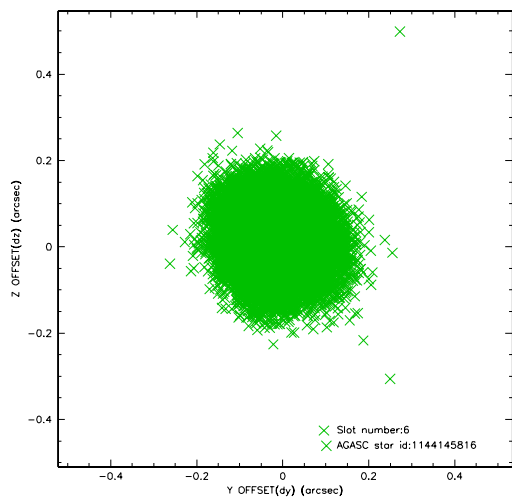
2.4.2 Slot 4



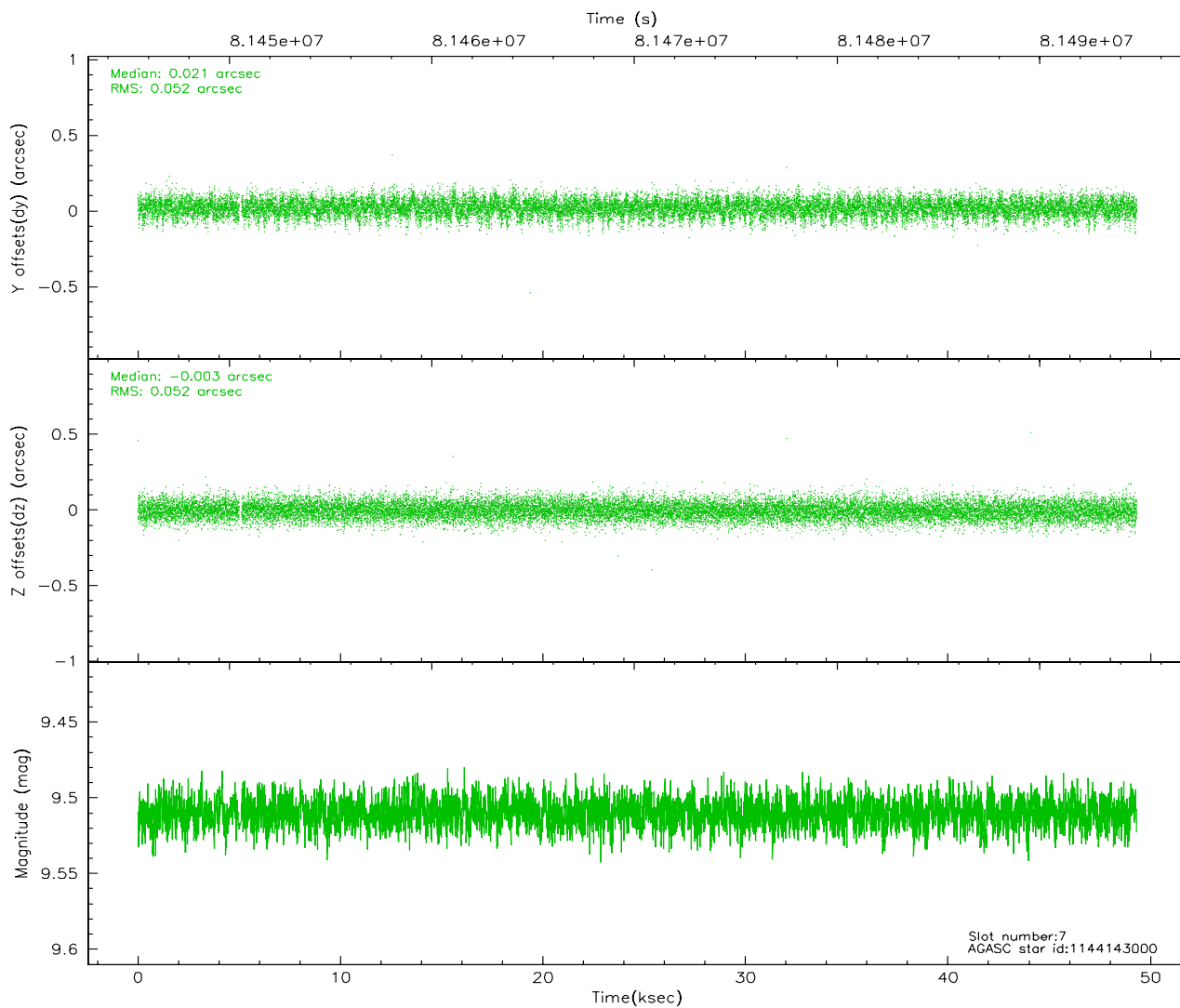
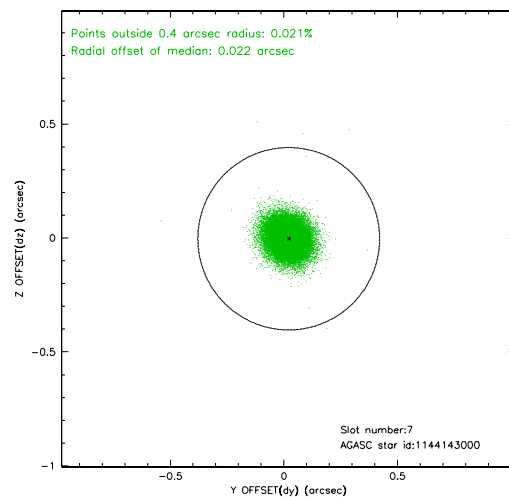
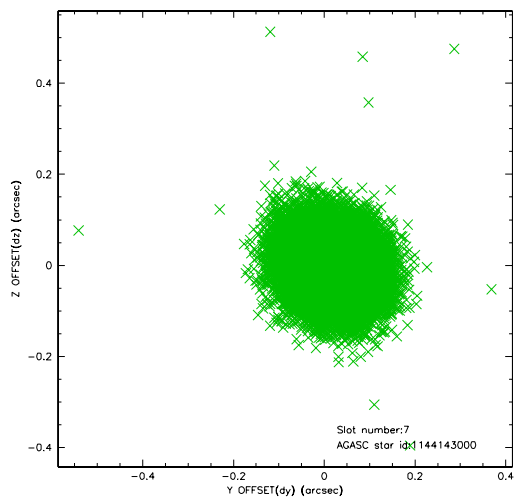
2.4.3 Slot 5



2.4.4 Slot 6

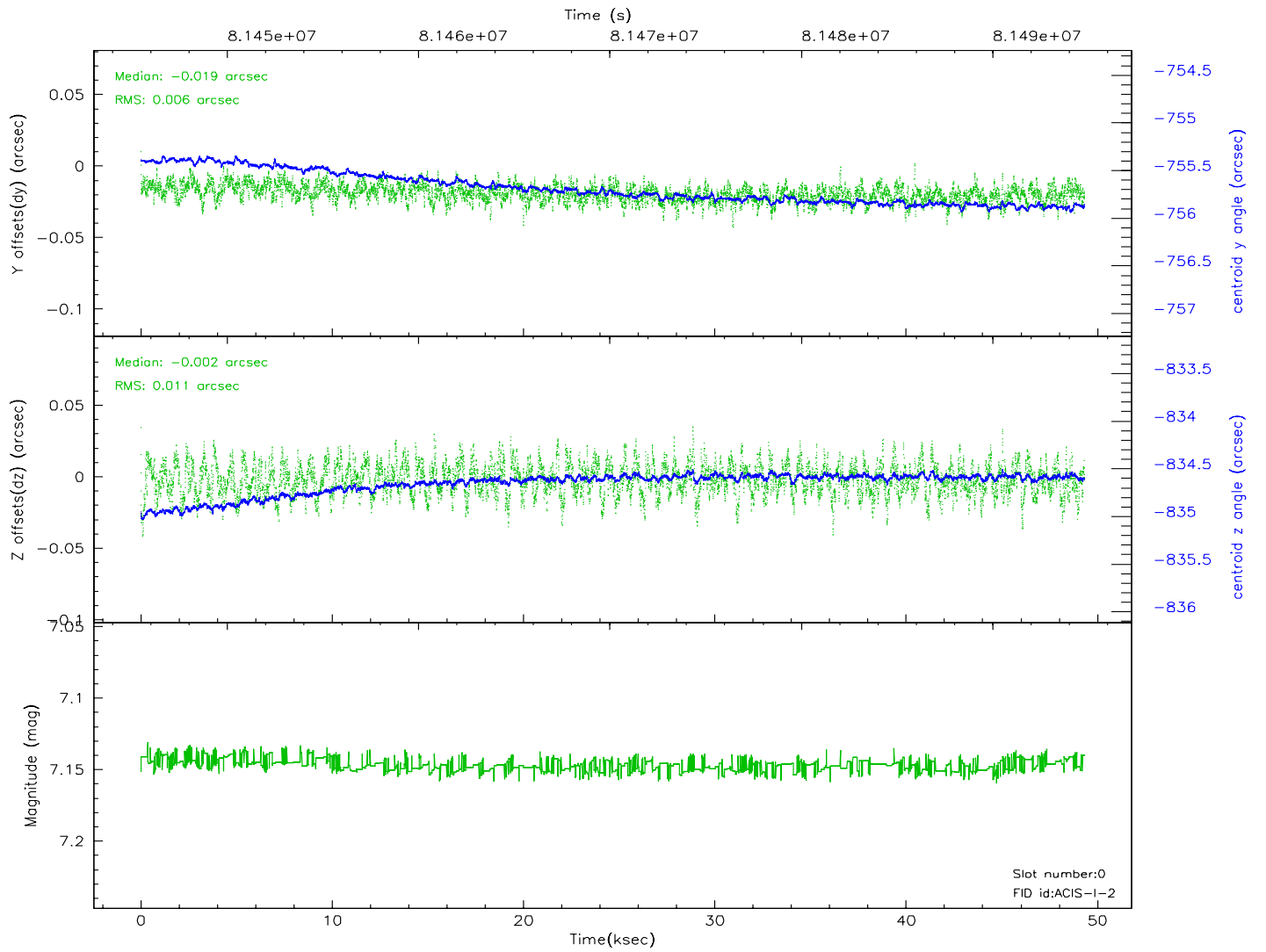
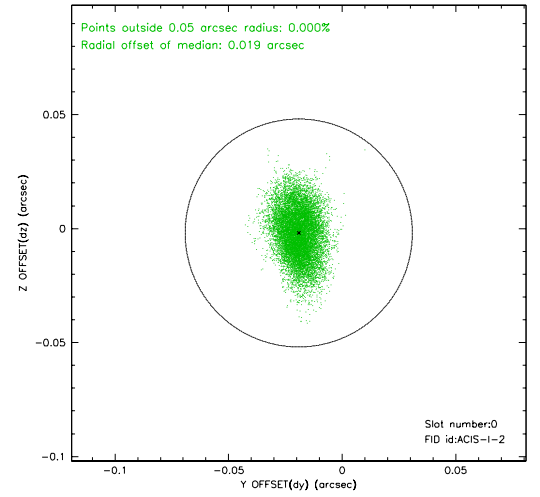
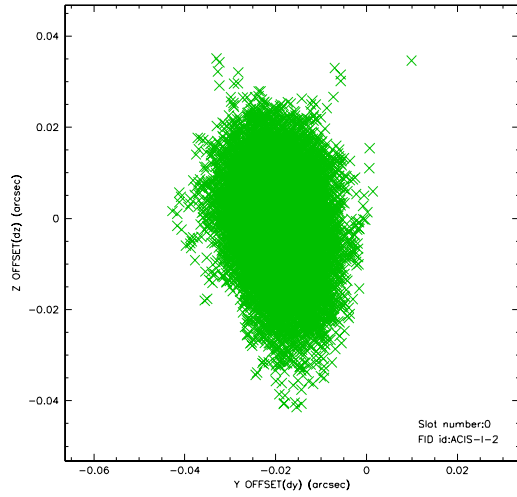


2.4.5 Slot 7

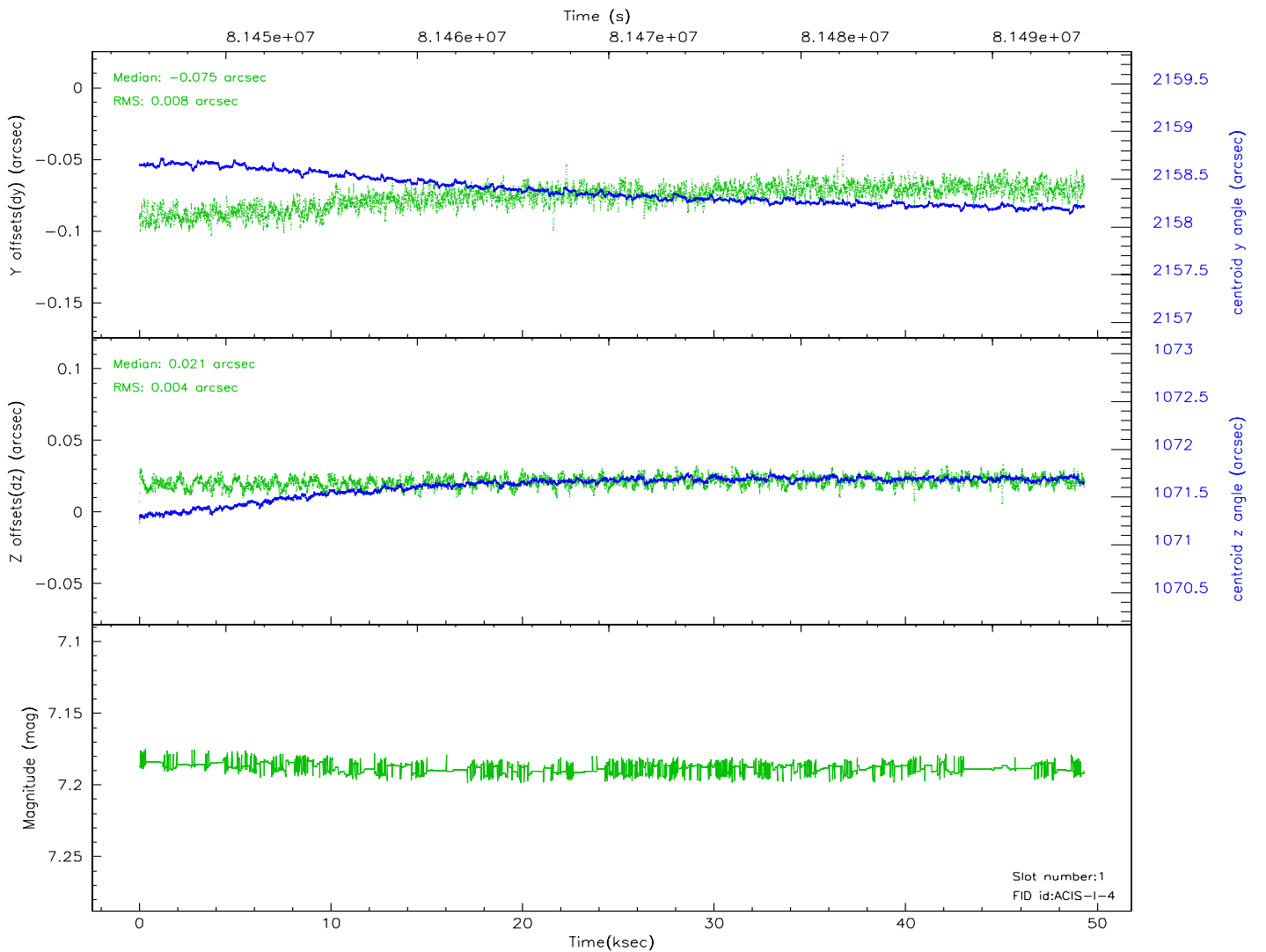
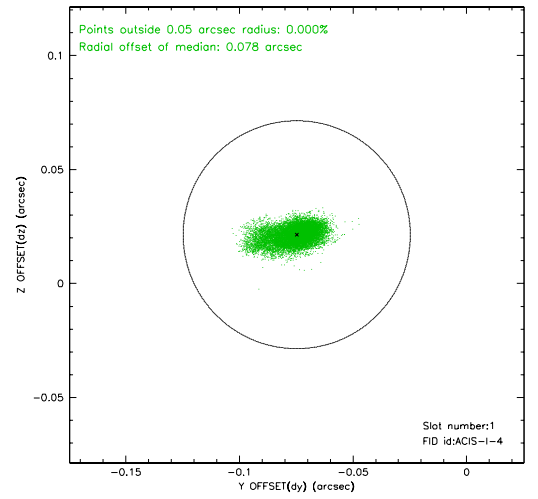
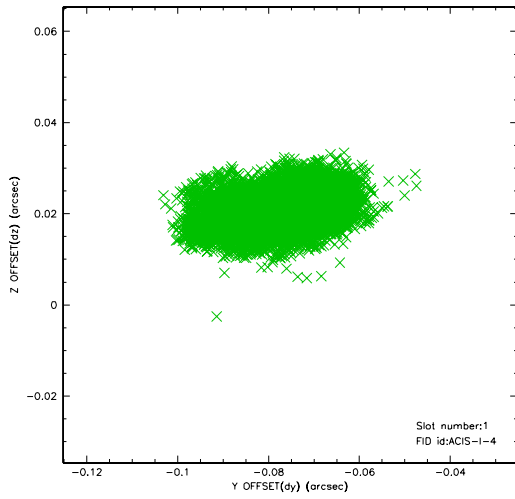


2.5 FID Slots

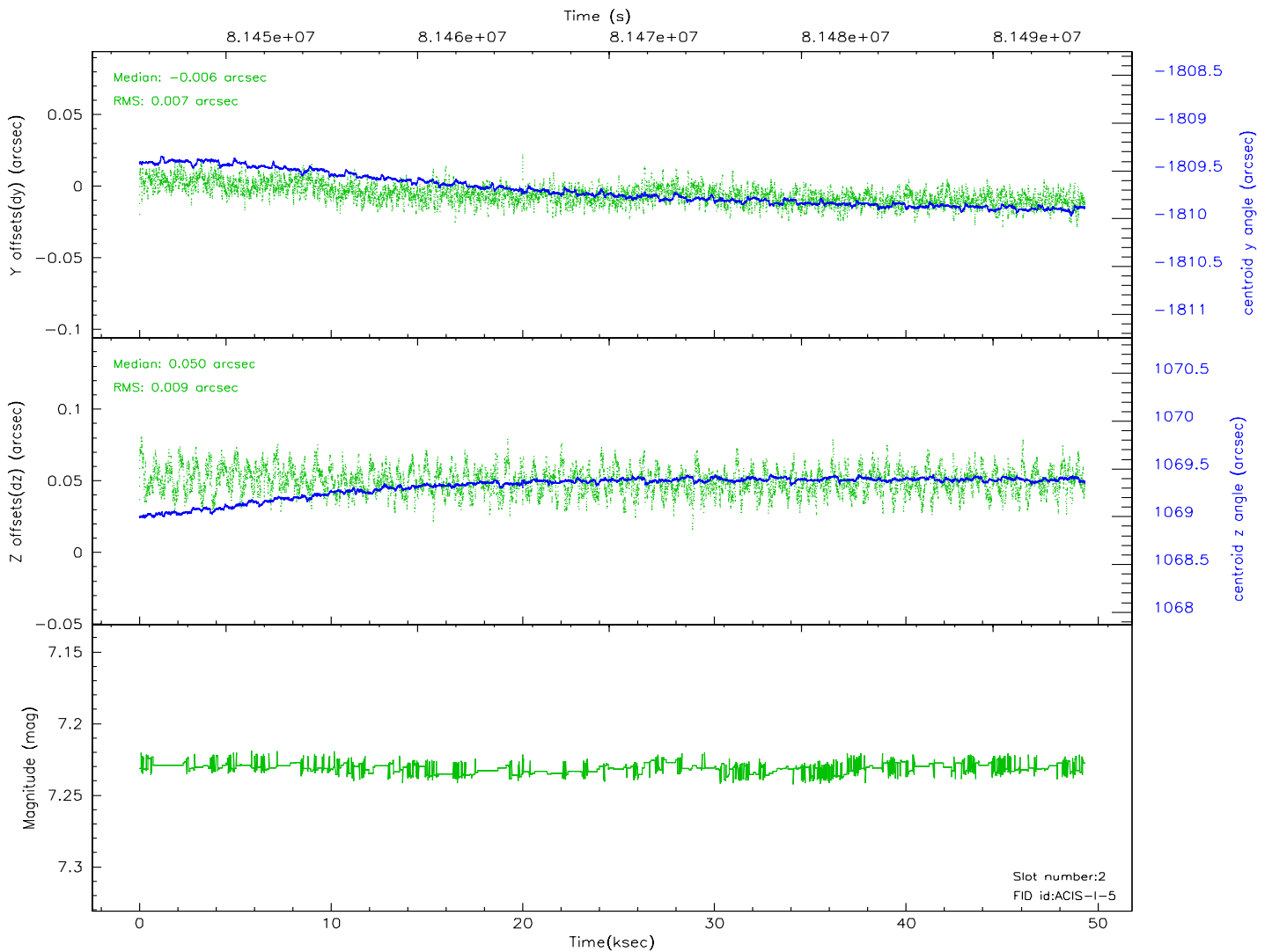
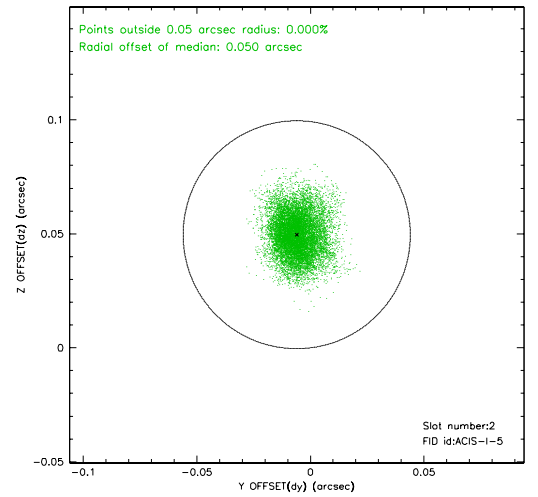
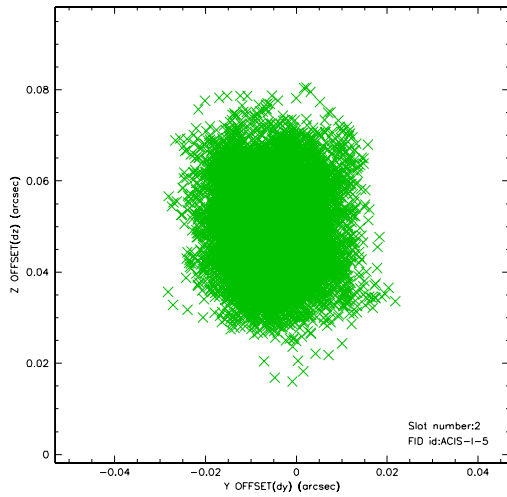
2.5.1 Slot 0



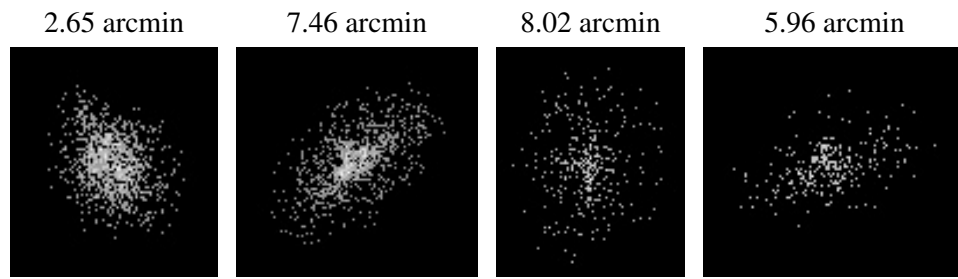
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	48.963

A.2 Comments