

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 915 - L2 Version 001
Chandra X-Ray Center

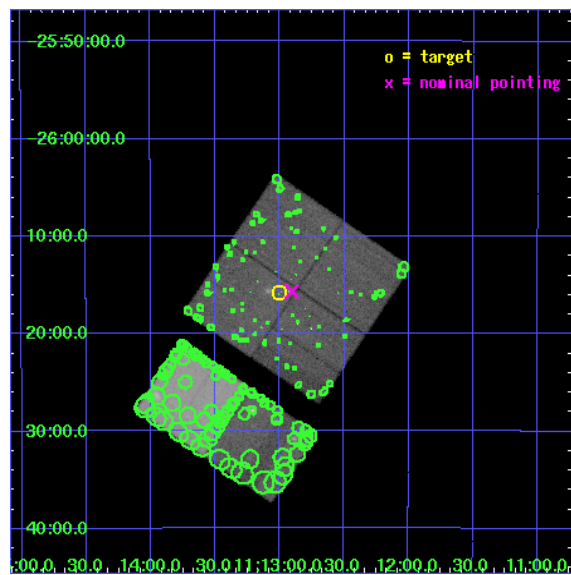
L2 Processing Date : Jun 2 2007

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1 Front

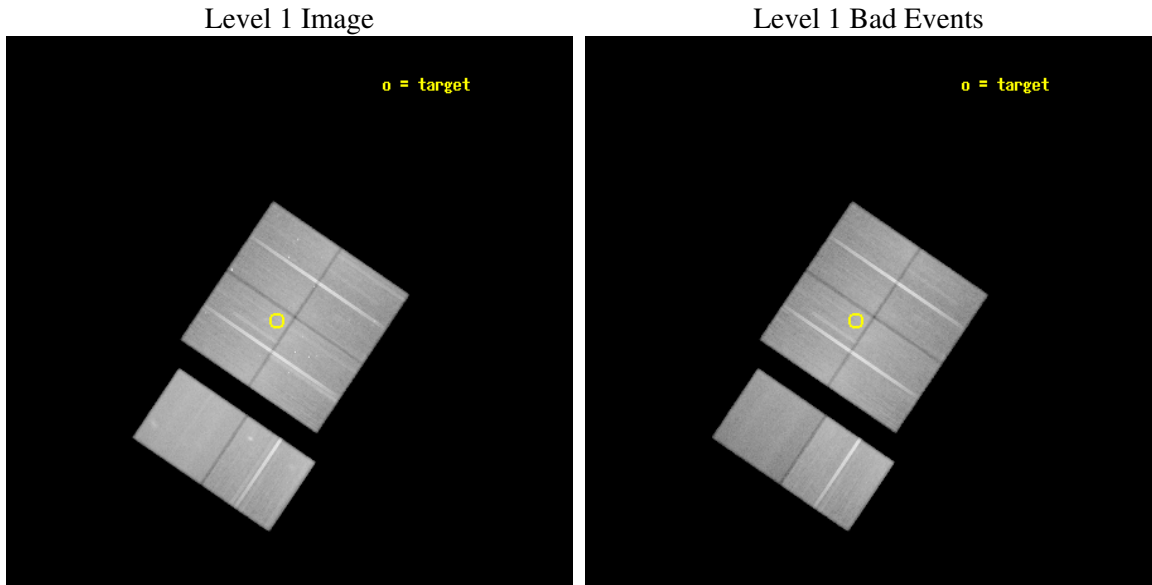
seq_num	800091
obs_id	915
title	THE CLUSTER X-RAY TEMPERATURE FUNCTION AT Z>0.6
observer	Dr. Harald Ebeling
object	CL J1113.1-2615
dtcycle	0
cycle	P
ra_targ	168.25
dec_targ	-26.263611
ra_nom	168.22639514057
dec_nom	-26.261371409868
roll_nom	214.16992156712
revision	3
ontime	105948.71813837
livetime	104607.13167464
ontime0	105945.47719806
ontime1	105948.7181583
ontime2	105948.7181583
ontime3	105948.71813837
ontime6	105948.7181583
ontime7	105948.71815827
l2events	710418



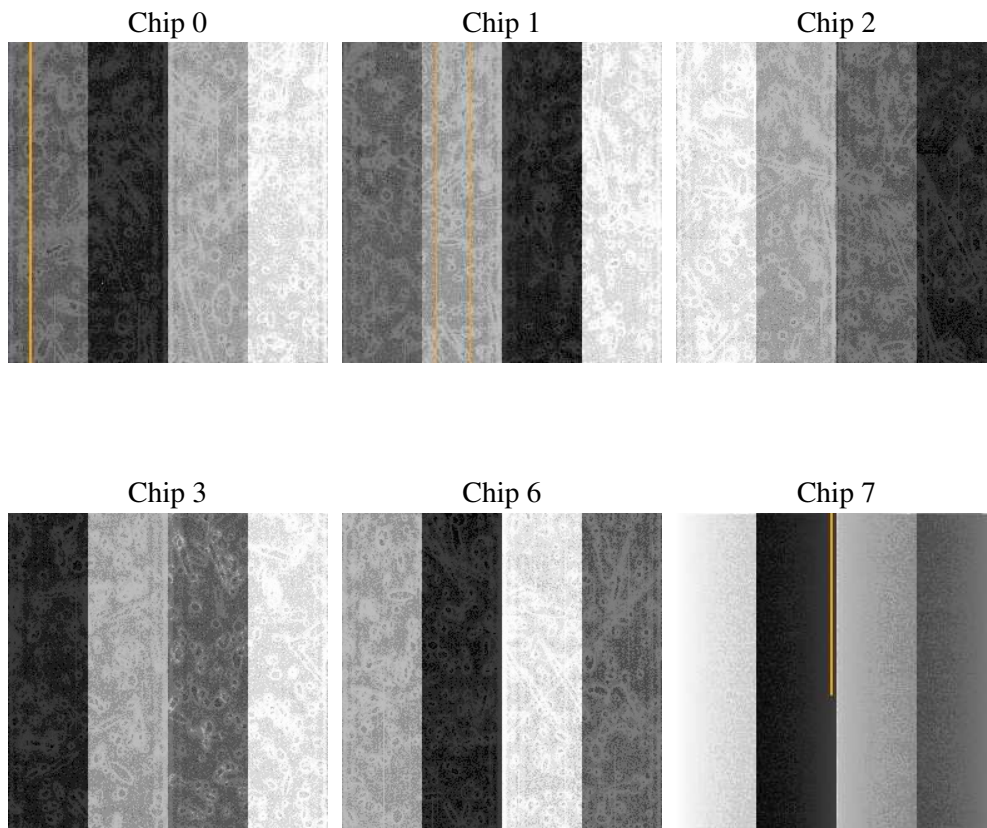
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-02T13:25:11
revision	3

sched_exp_time	106000.000000
ontime	105948.71813837
ontime0	105945.47719806
ontime1	105948.7181583
ontime2	105948.7181583
ontime3	105948.71813837
ontime6	105948.7181583
ontime7	105948.71815827
l1events	4336479

2.1.4 Events

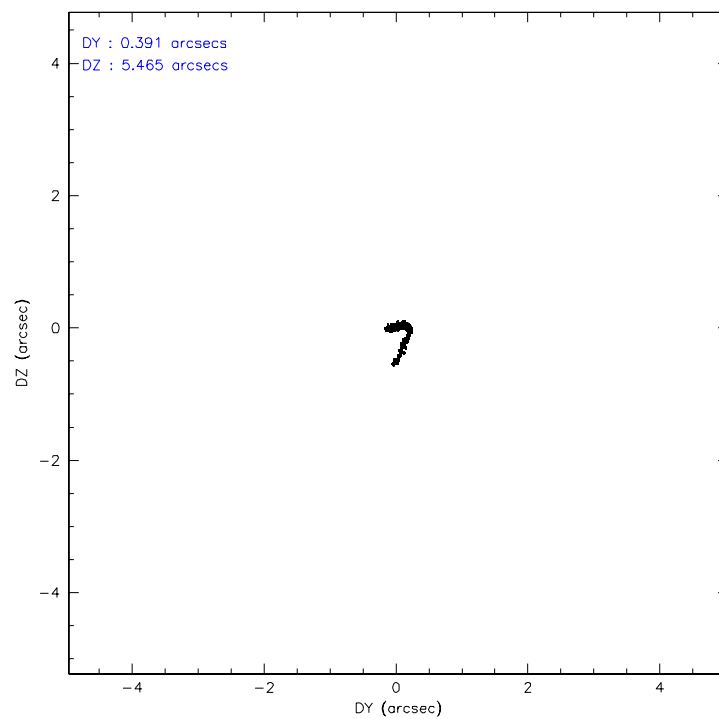
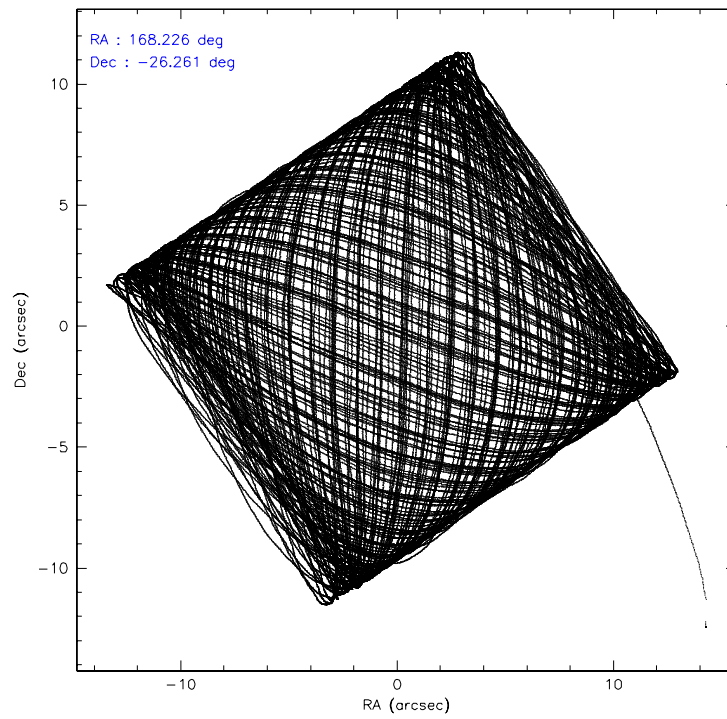
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	629918	652254	759777	726082	780248	788200
rejected events	534177	562002	657193	644126	683337	425873
rejected %	84%	86%	86%	88%	87%	54%

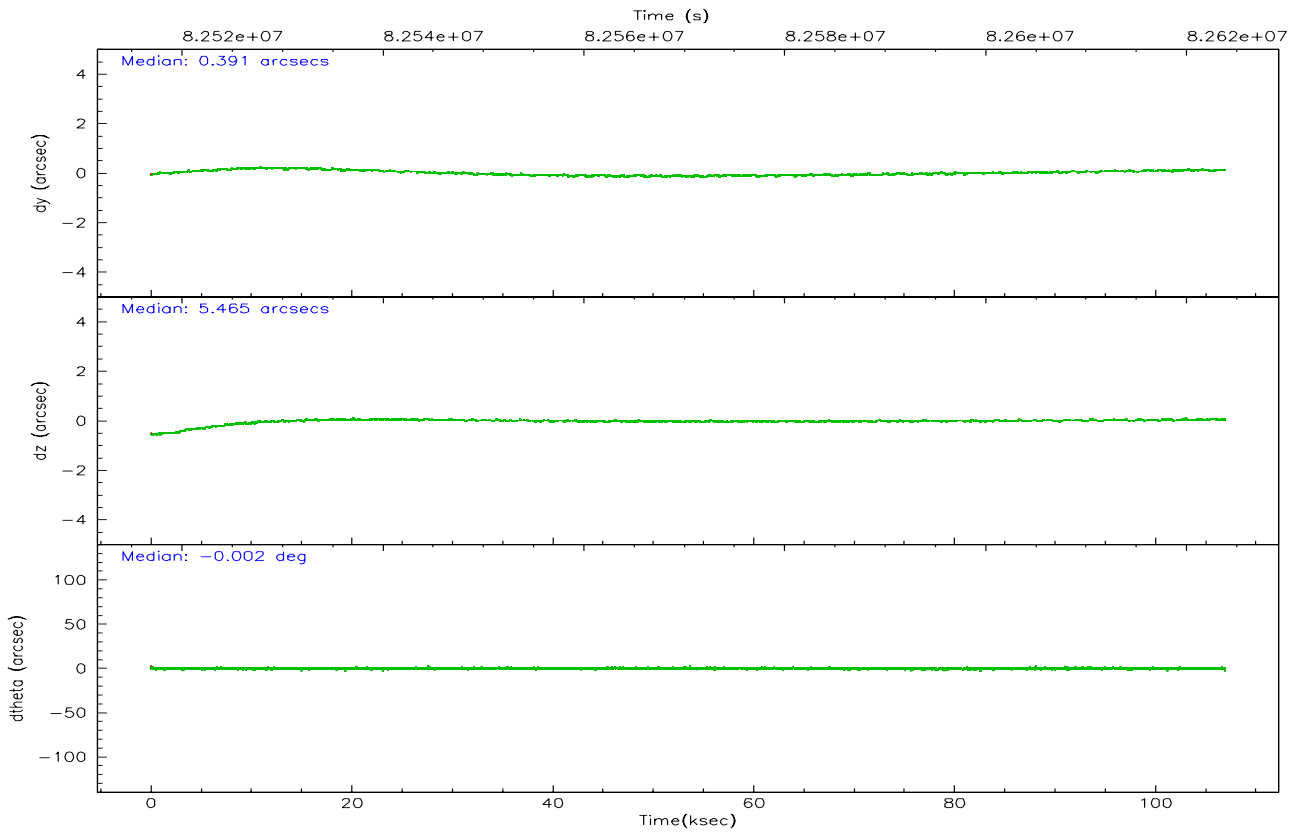
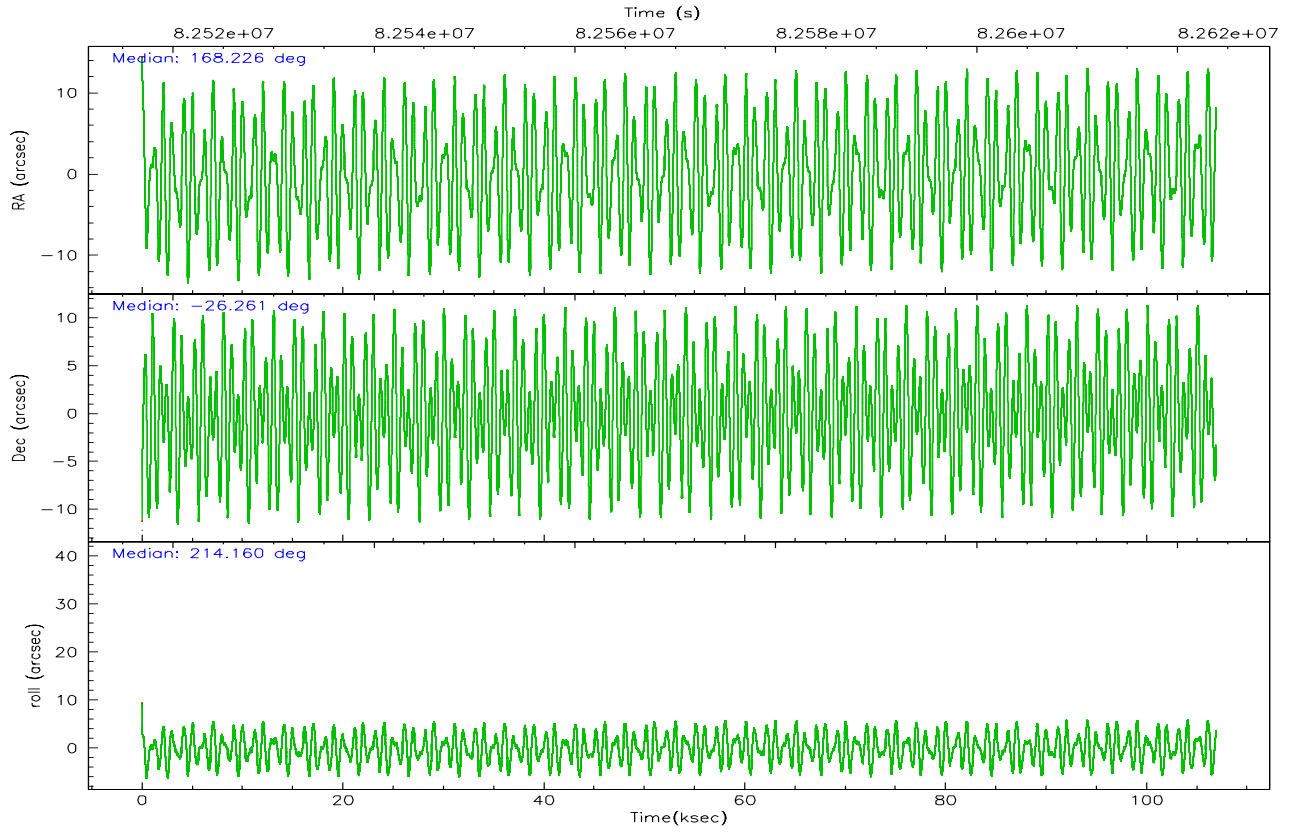
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	39862	36261	44603	32815	41686	41829
	6%	5%	5%	4%	5%	5%
grade 1 events	364	322	412	302	287	938
	0%	0%	0%	0%	0%	0%
grade 2 events	26532	21686	27741	19379	25179	75711
	4%	3%	3%	2%	3%	9%
grade 3 events	6940	7656	6239	6519	6776	33792
	1%	1%	0%	0%	0%	4%
grade 4 events	6589	7540	8217	6618	6722	34093
	1%	1%	1%	0%	0%	4%
grade 5 events	20110	21144	19238	21311	24179	70730
	3%	3%	2%	2%	3%	8%
grade 6 events	15826	17112	15791	16629	16555	176931
	2%	2%	2%	2%	2%	22%
grade 7 events	513695	540533	637536	622509	658864	354176
	81%	82%	83%	85%	84%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	168.239882	168.226395140571	Subarray requested	NONE	NONE
Pointing Dec	-26.236629	-26.26137140986765	Alternating exposures requested	N	N
Pointing Roll	213.967197	214.169921567115	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	82517849.184000	82516431.12771299			
Observation start date	2000-08-13T01:36:25	2000-08-13T01:13:51			
Observation end time	82623849.184000	82624565.04426			
Observation end date	2000-08-14T07:03:05	2000-08-14T07:16:05			
Read mode	TIMED	TIMED			

2.3 Aspect



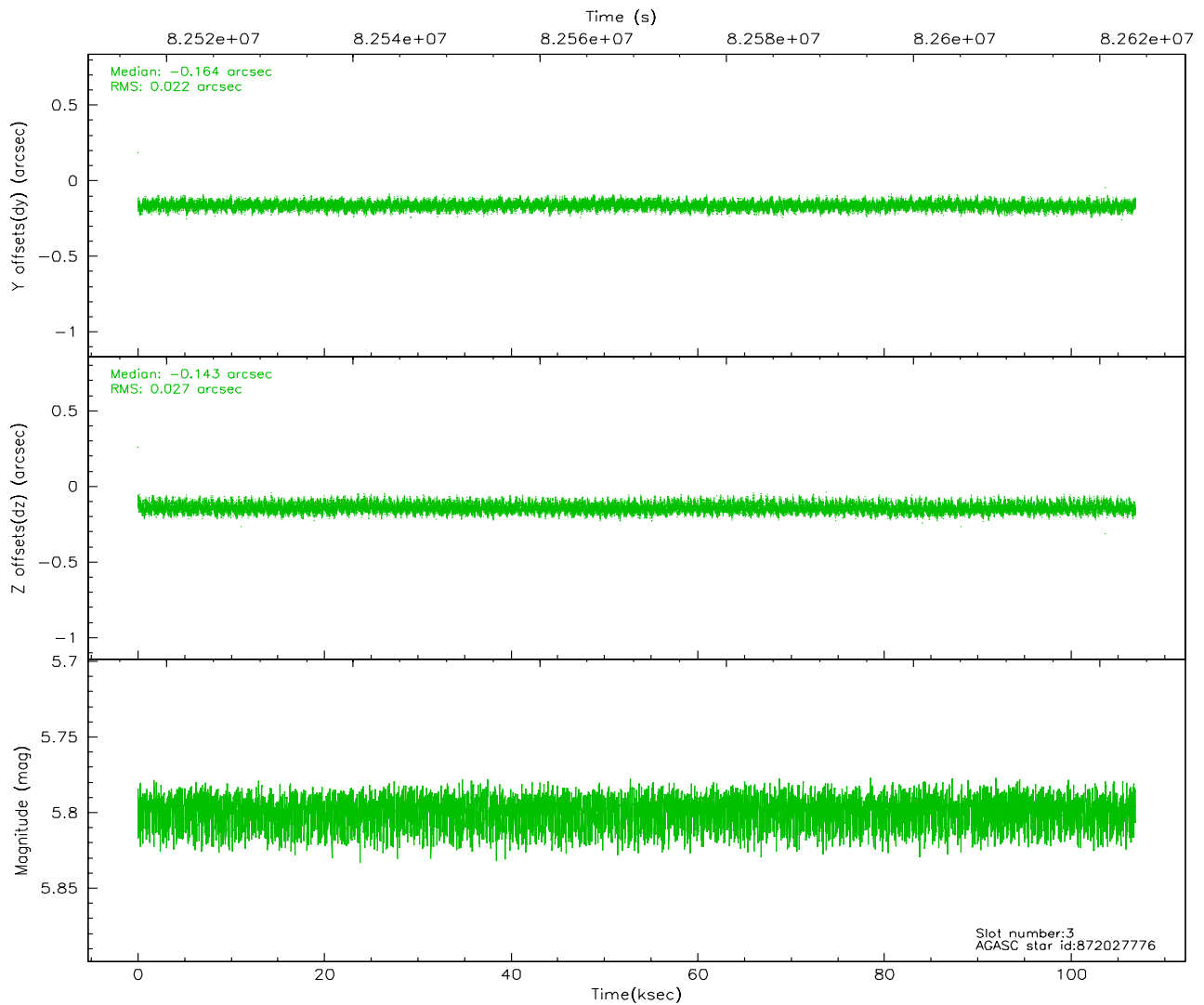
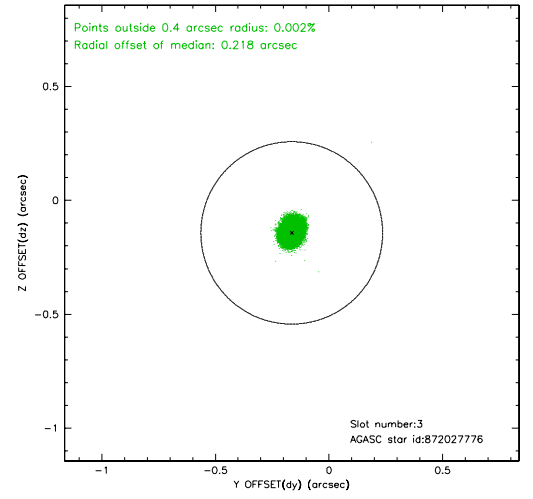
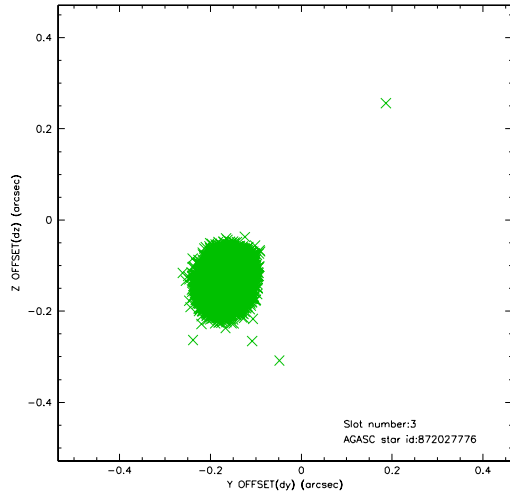


Slot Statistics

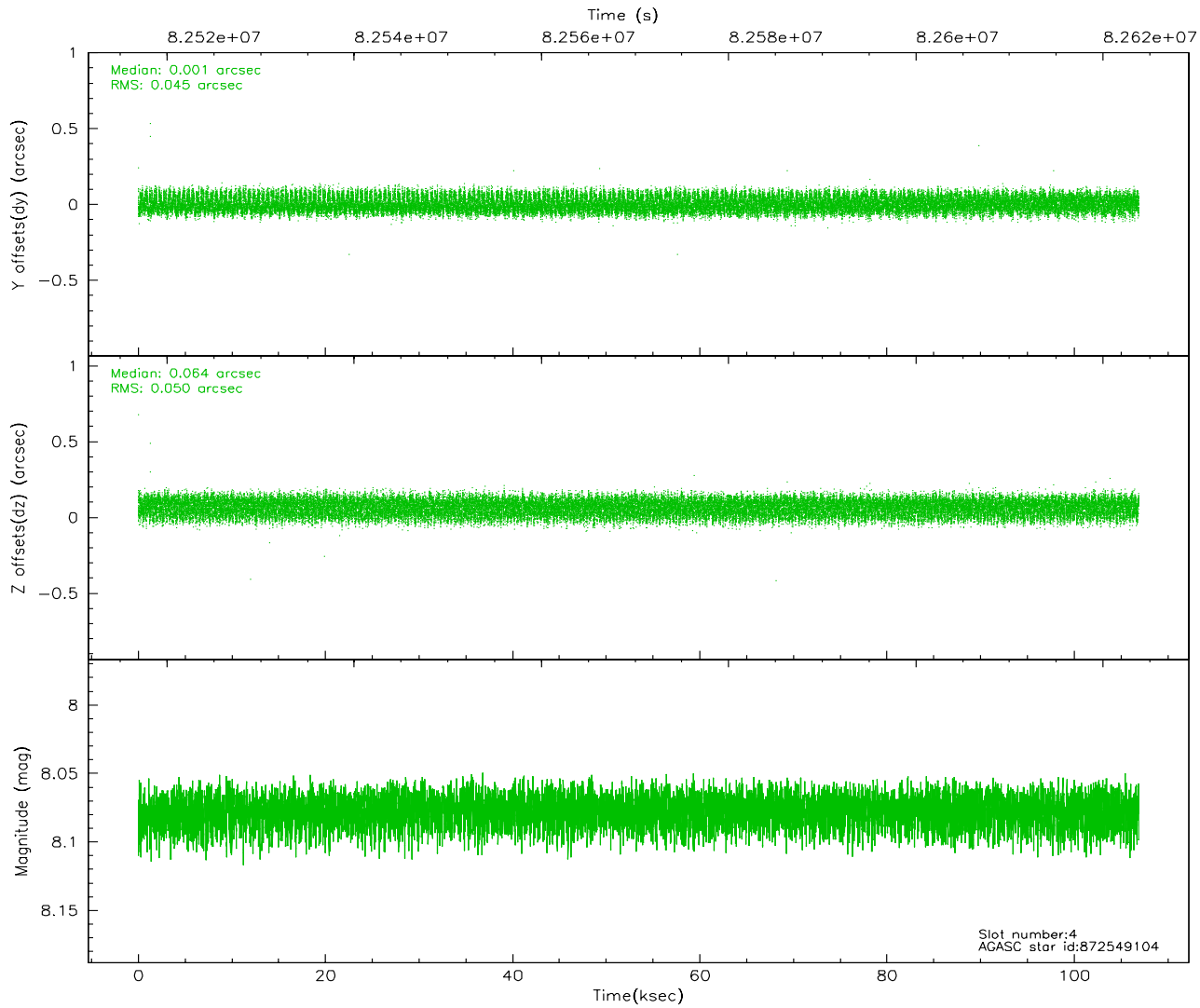
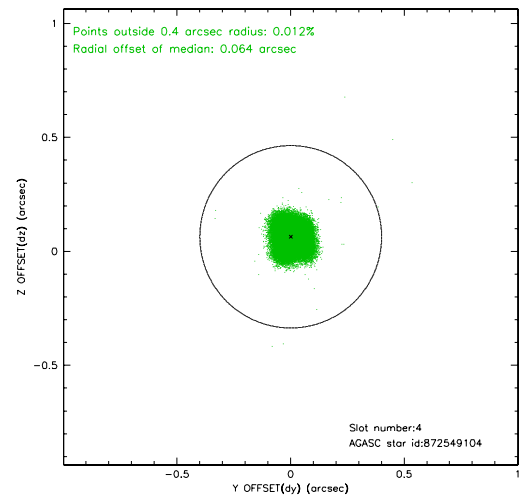
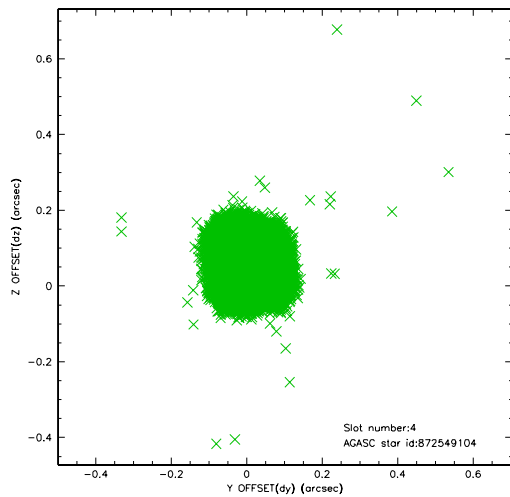
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	26079	-0.023	-0.025	0.010	0.018	0.000000	0.000000	-754.73	-835.18
1	FID	ACIS-I-4	7.19	26075	-0.076	0.029	0.006	0.012	0.000000	0.000000	2159.31	1071.09
2	FID	ACIS-I-5	7.23	26077	-0.002	0.064	0.010	0.016	0.000000	0.000000	-1808.66	1068.87
3	GUIDE	872027776	5.80	52155	-0.164	-0.143	0.037	0.060	168.657407	-26.075213	-1443.51	274.20
4	GUIDE	872549104	8.08	52147	0.001	0.064	0.074	0.108	168.431052	-26.854580	733.50	2188.99
5	GUIDE	872024384	8.76	52146	-0.060	-0.020	0.072	0.111	168.202465	-25.788553	-800.57	-1405.33
6	GUIDE	870320096	8.71	52146	0.070	-0.081	0.084	0.130	167.375335	-25.990745	1831.16	-2288.86
7	GUIDE	872548672	8.91	52142	0.152	0.180	0.071	0.116	168.474975	-26.730685	366.99	1898.55

2.4 Star Slots

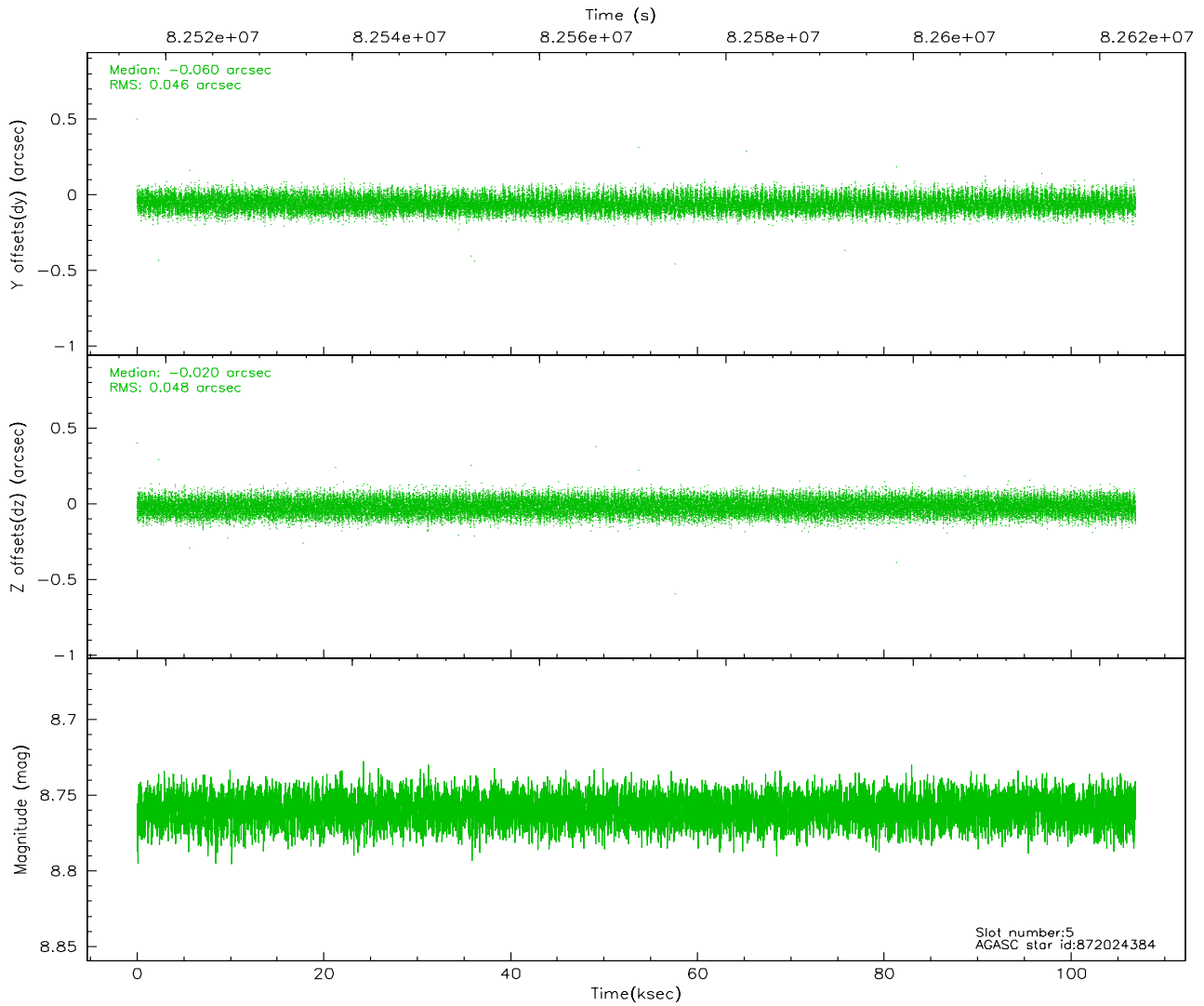
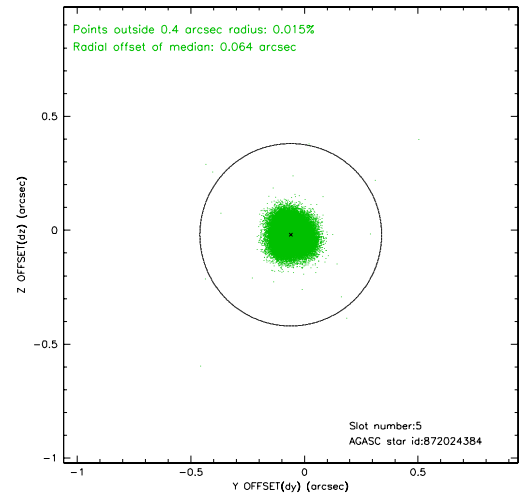
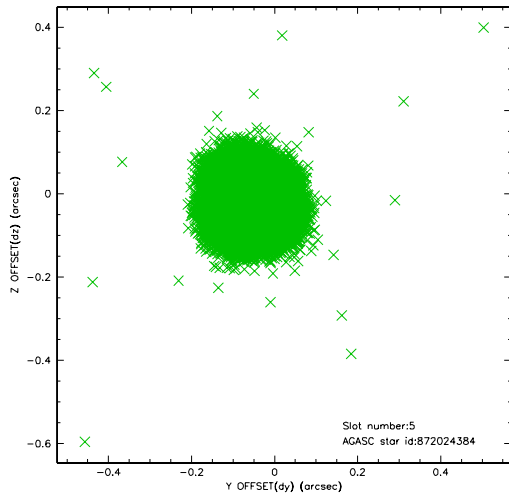
2.4.1 Slot 3



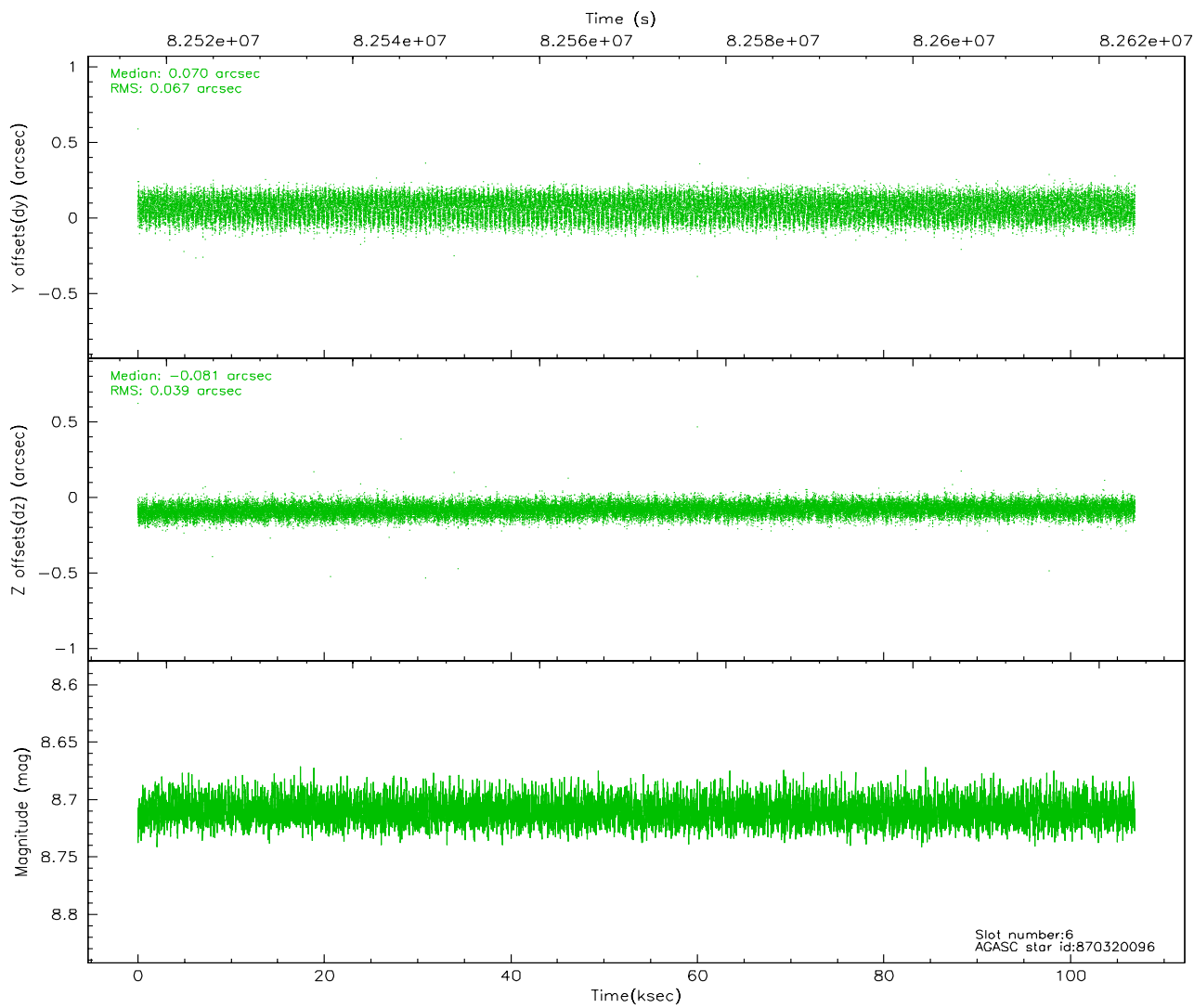
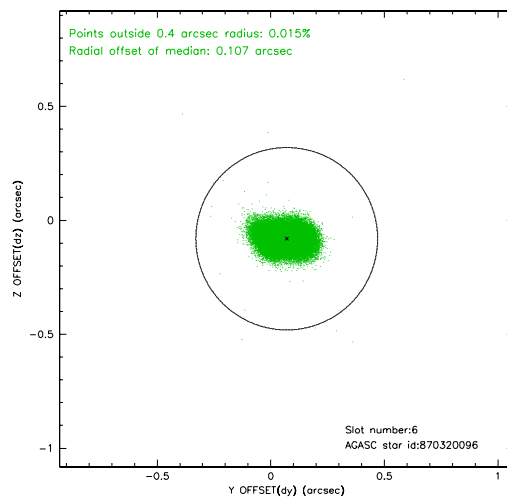
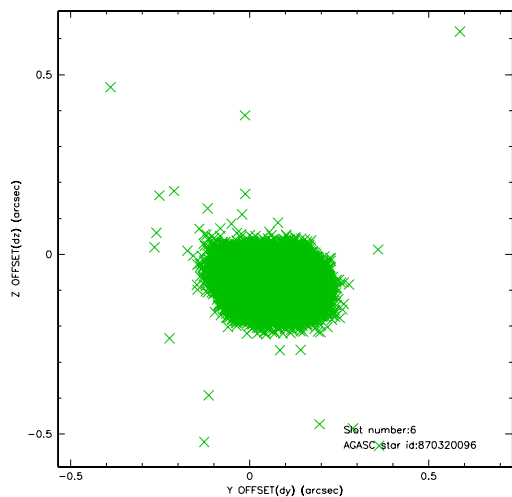
2.4.2 Slot 4



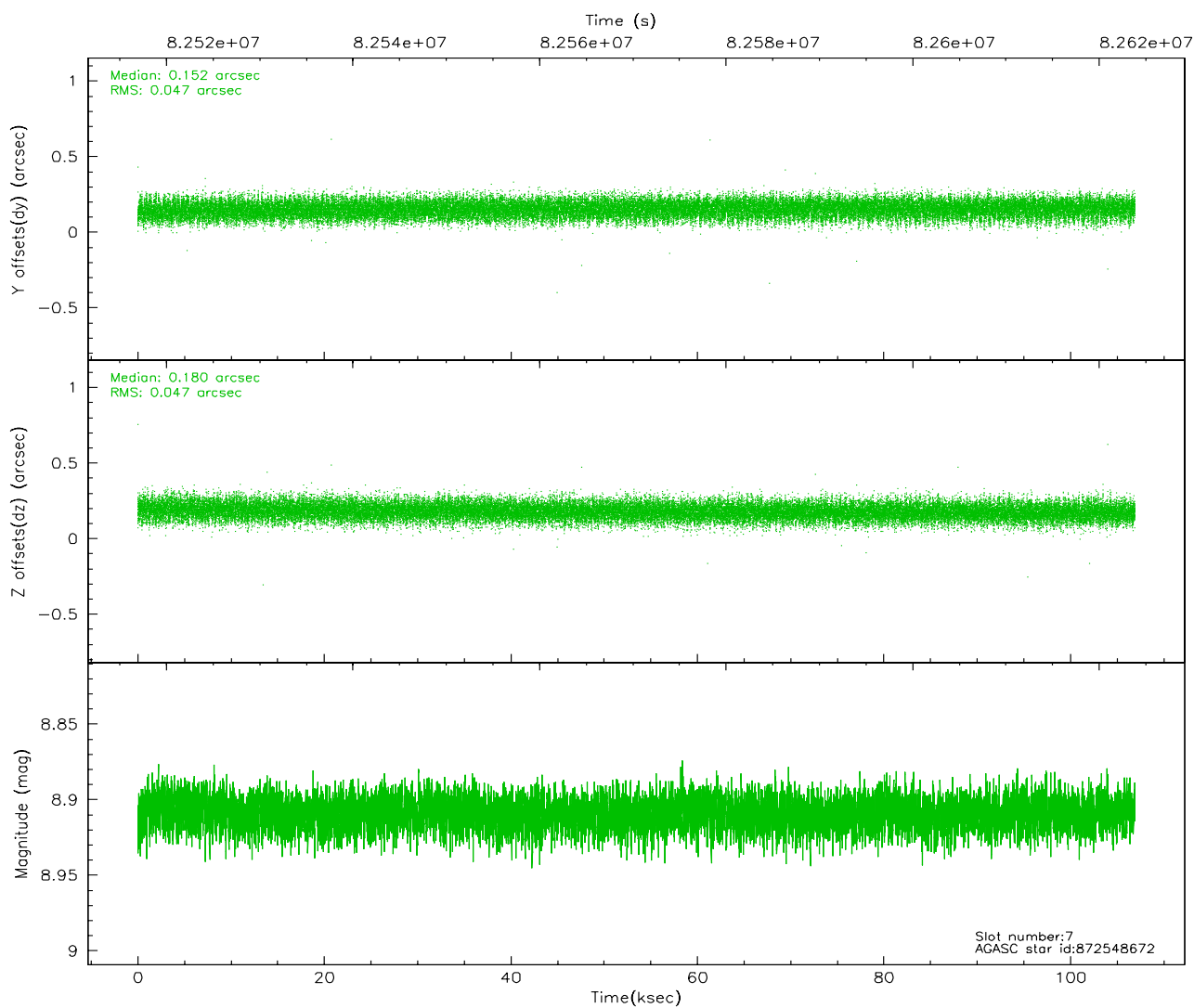
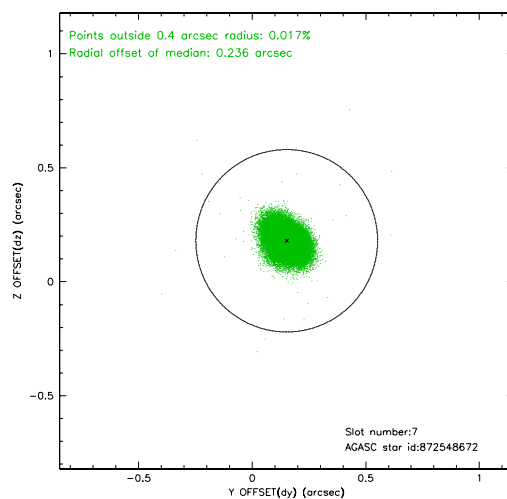
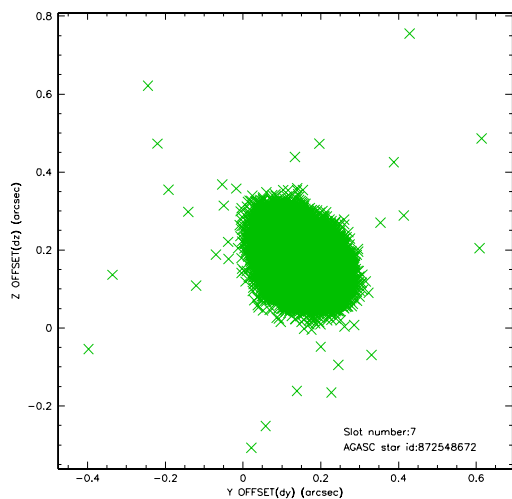
2.4.3 Slot 5



2.4.4 Slot 6

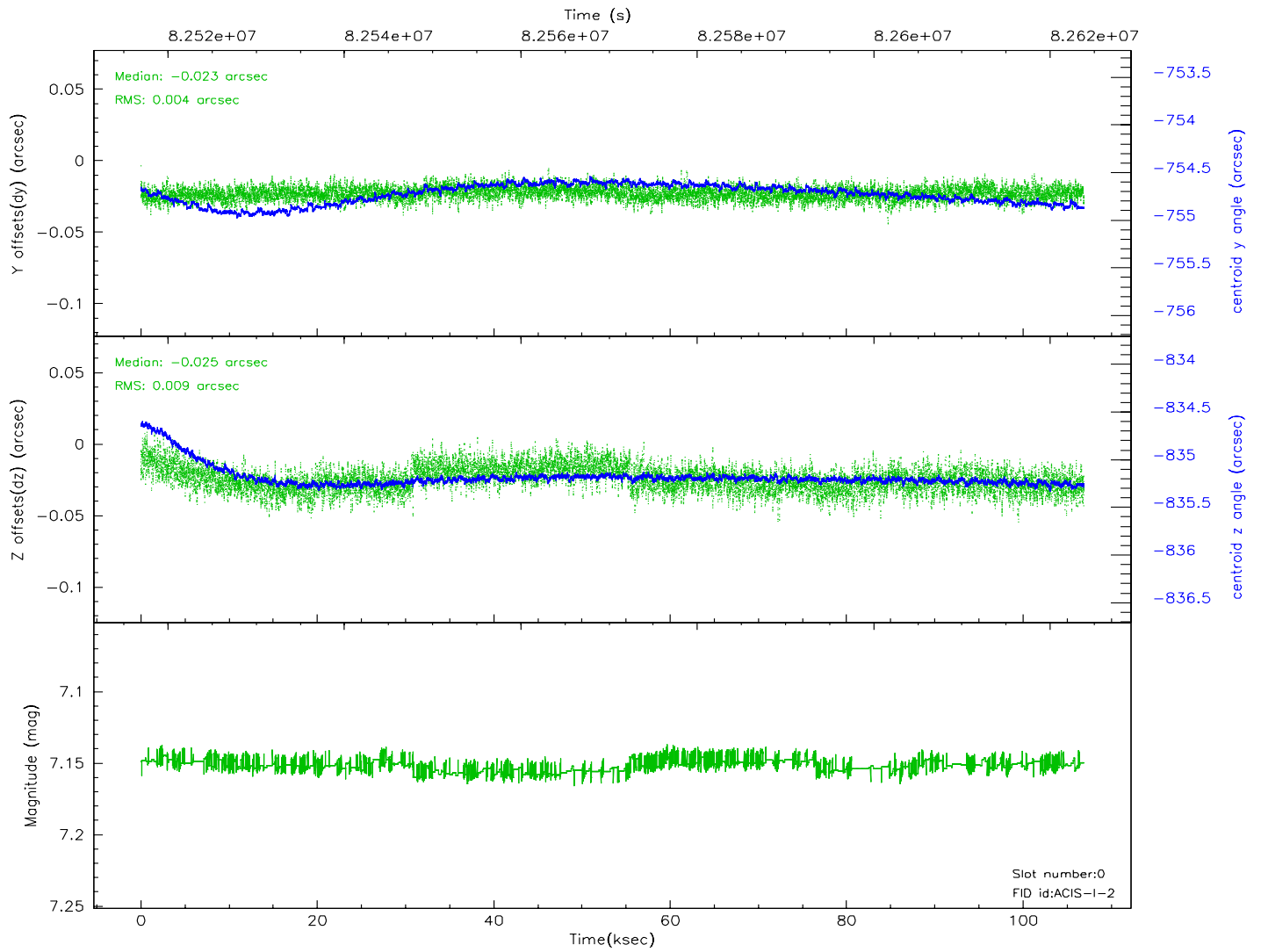
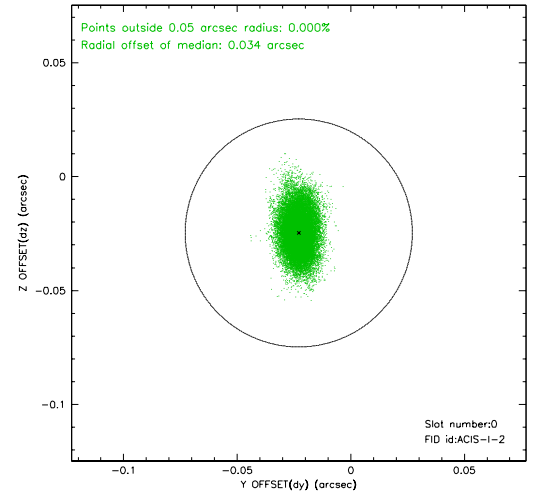
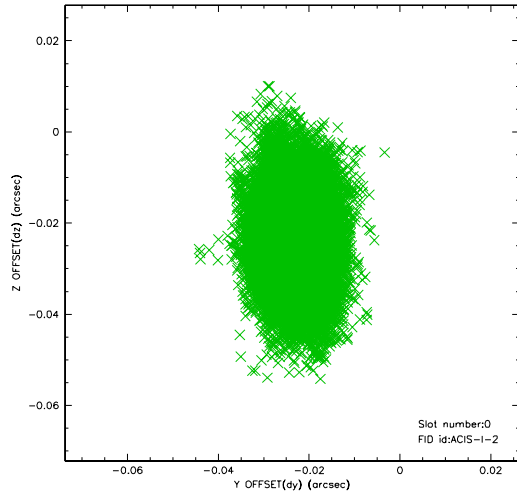


2.4.5 Slot 7

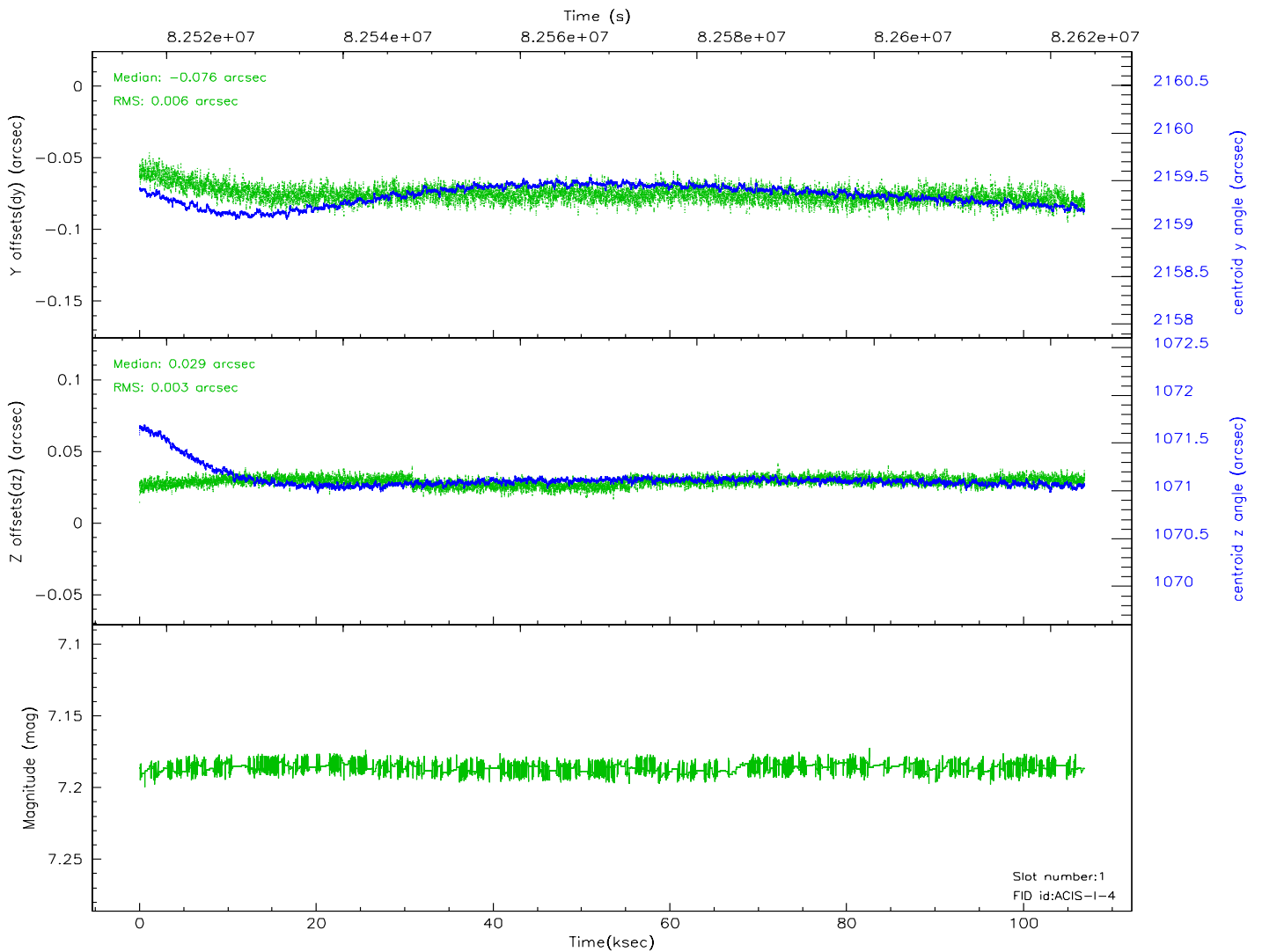
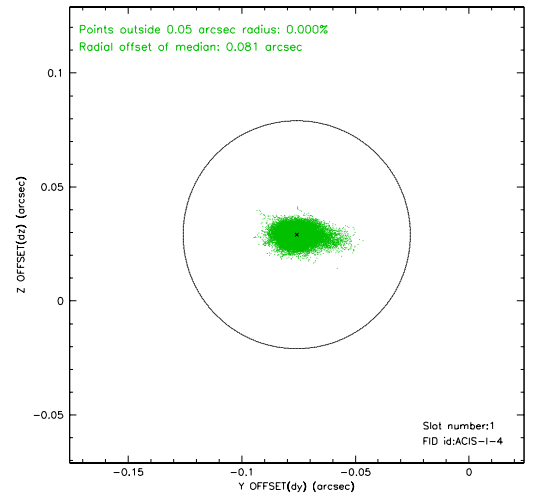
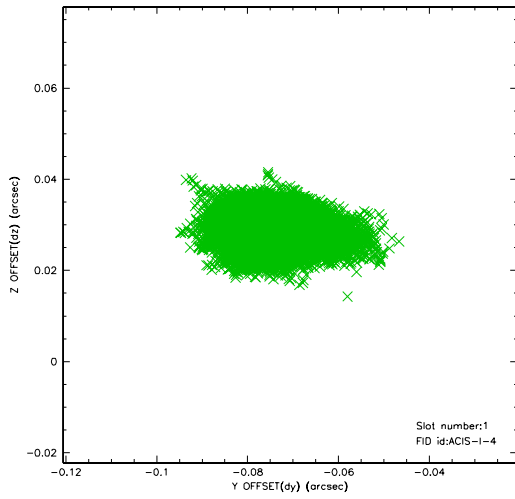


2.5 FID Slots

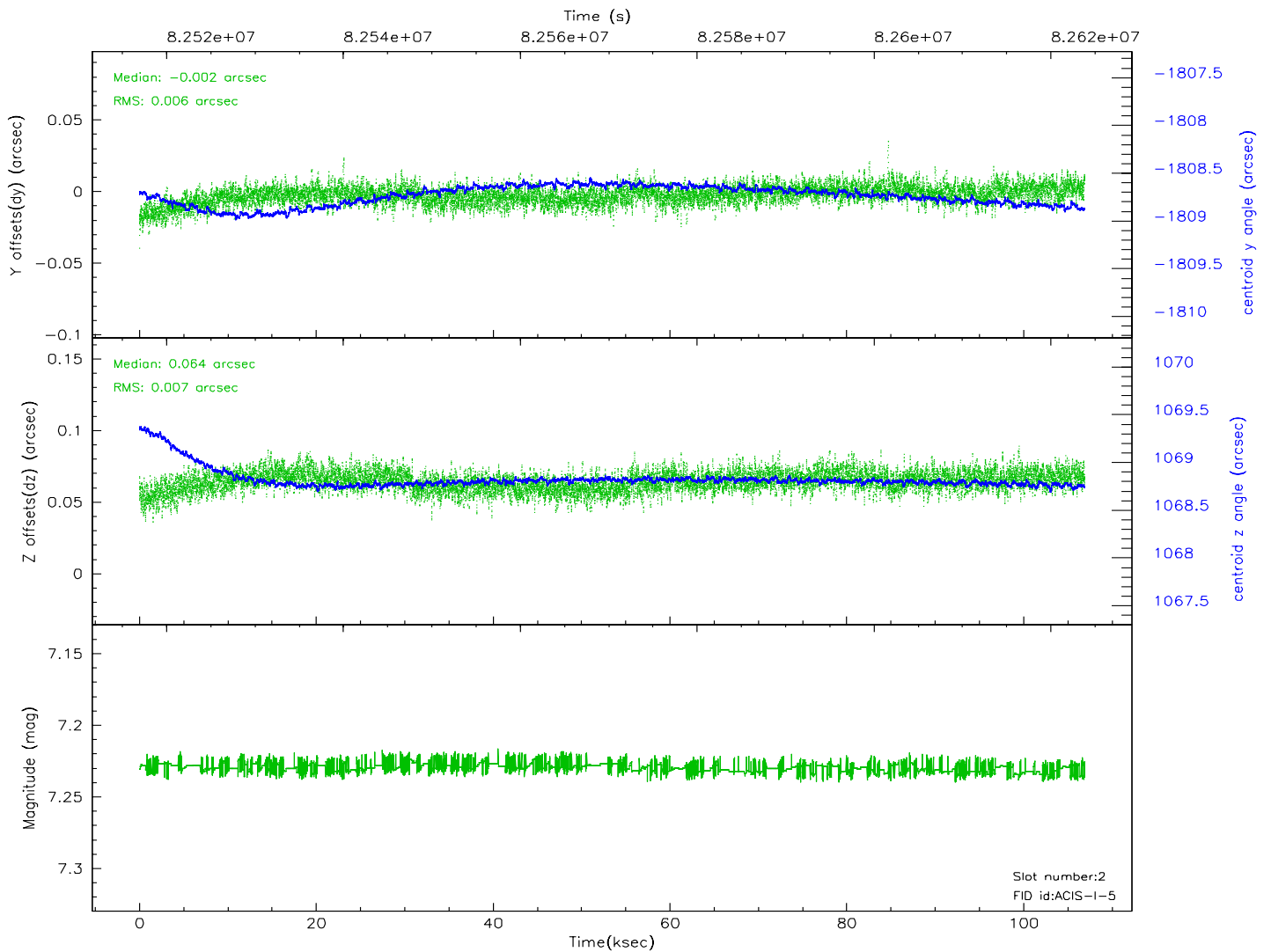
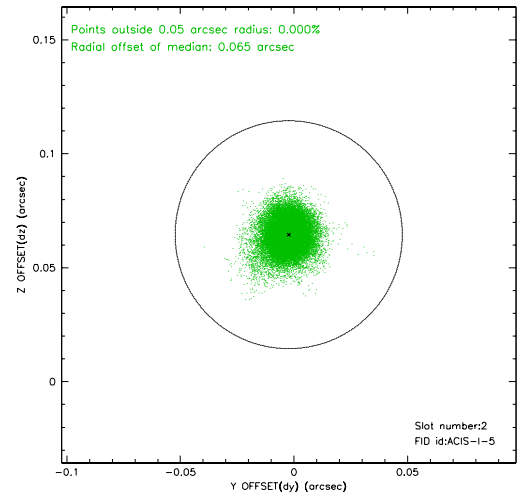
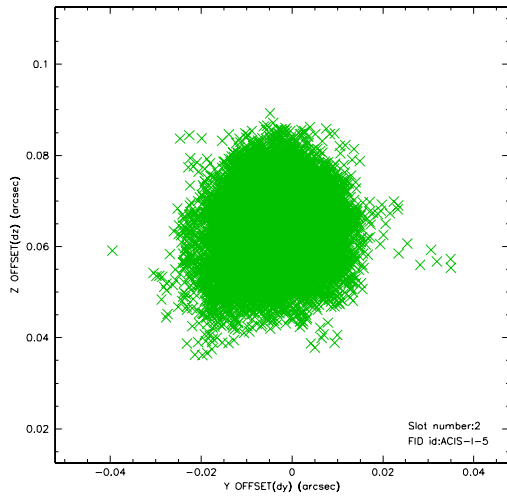
2.5.1 Slot 0



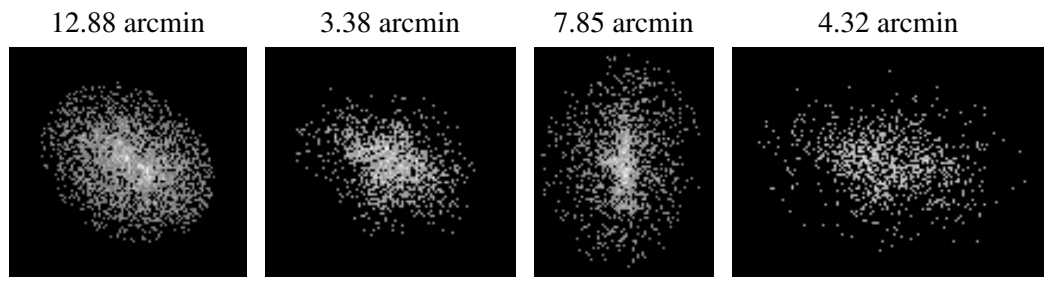
2.5.2 Slot 1



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	105.952

A.2 Comments