

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 914 - L2 Version 001
Chandra X-Ray Center

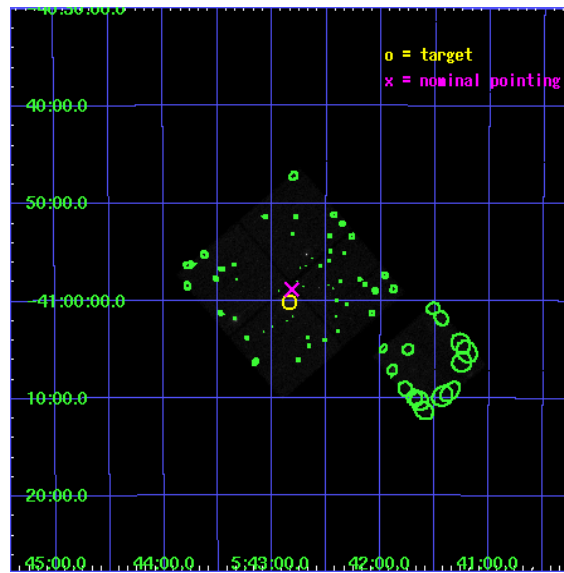
L2 Processing Date : May 31 2007

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1 Front

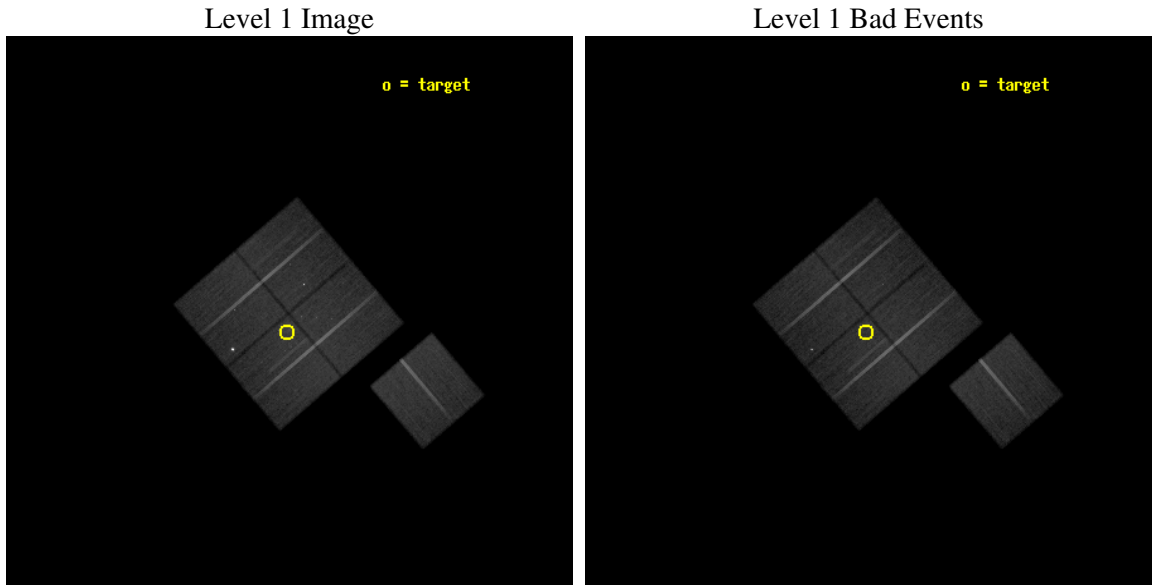
seq_num	800090
obs_id	914
title	THE CLUSTER X-RAY TEMPERATURE FUNCTION AT Z>0.6
observer	Dr. Harald Ebeling
object	CL J0542.8-4100
dtcycle	0
cycle	P
ra_targ	85.70917
dec_targ	-41.00194
ra_nom	85.704615657632
dec_nom	-40.980900671963
roll_nom	139.46784475643
revision	3
ontime	51049.559087306
livetime	50403.138831789
ontime0	51052.800047547
ontime1	51052.800047547
ontime2	51052.800047547
ontime3	51049.559087306
ontime6	51052.800047547
l2events	188936



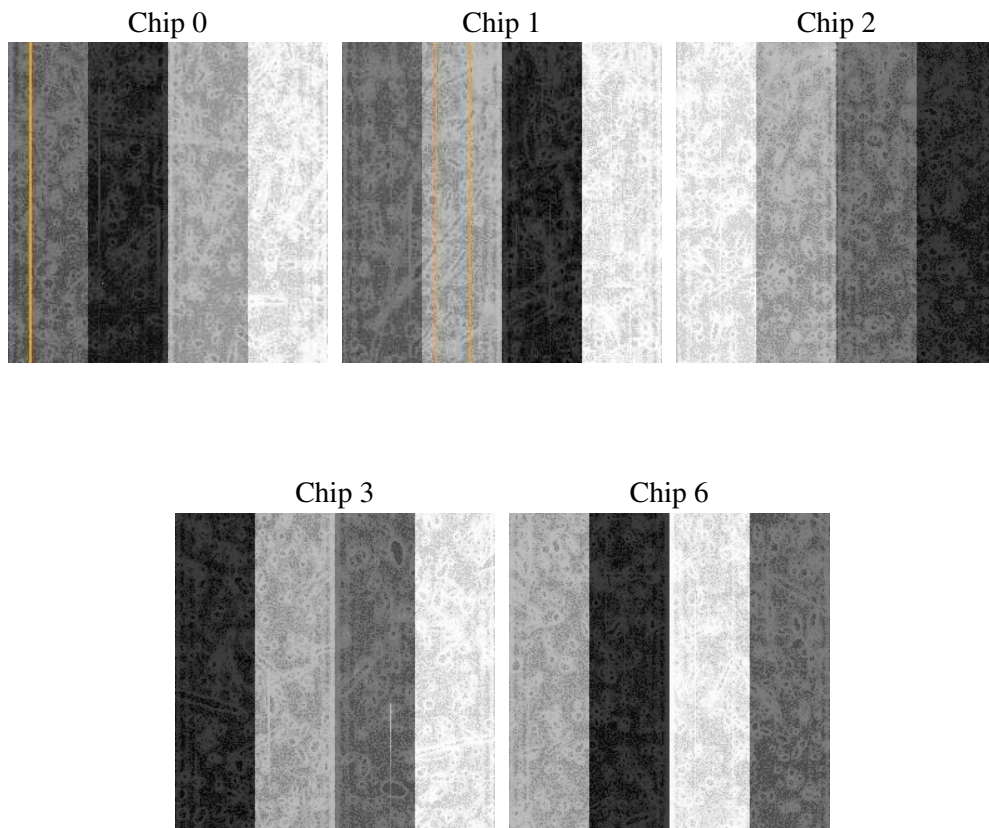
2 OBI

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	2007-06-01T00:53:21
revision	3

sched_exp_time	50960.737000
ontime	51049.559087306
ontime0	51052.800047547
ontime1	51052.800047547
ontime2	51052.800047547
ontime3	51049.559087306
ontime6	51052.800047547
l1events	1466216

2.1.4 Events

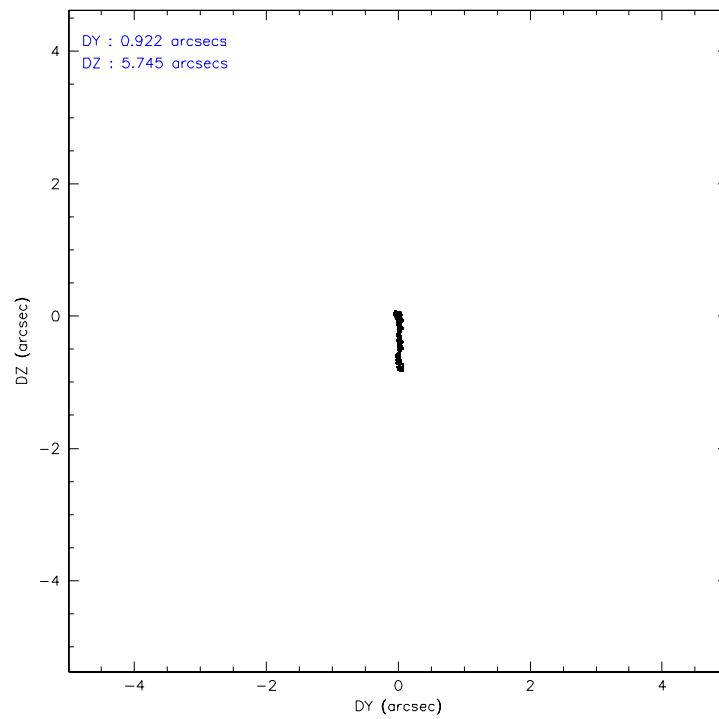
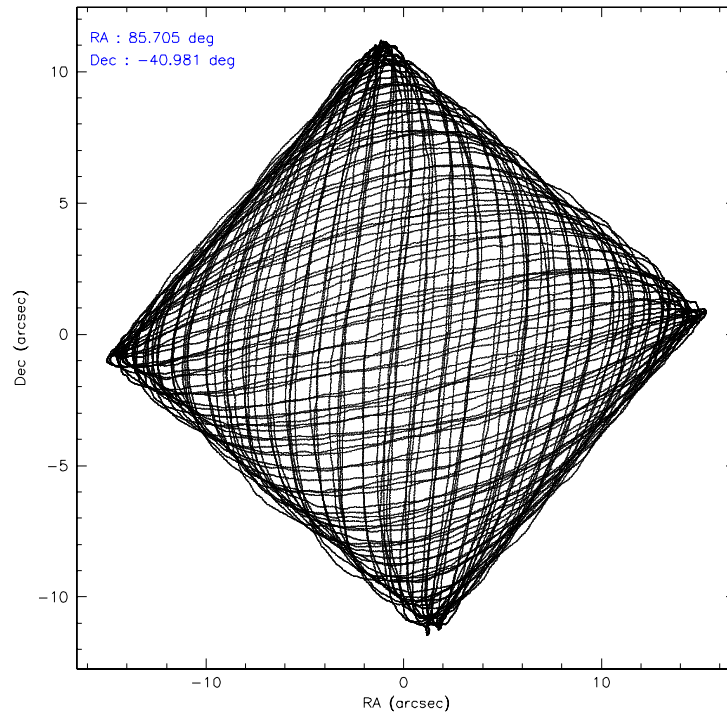
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	275103	308782	295901	296628	289802
rejected events	234681	238791	261530	259593	255404
rejected %	85%	77%	88%	87%	88%

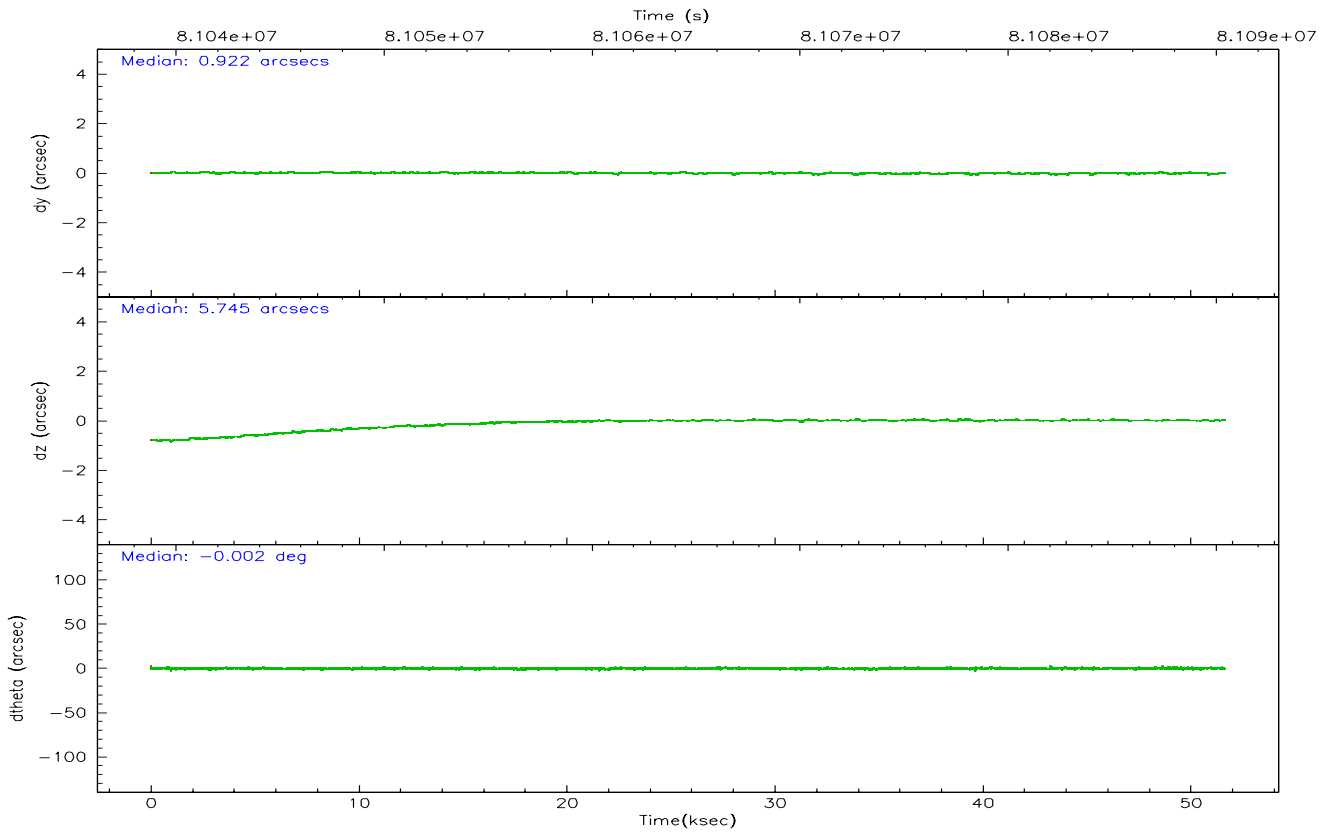
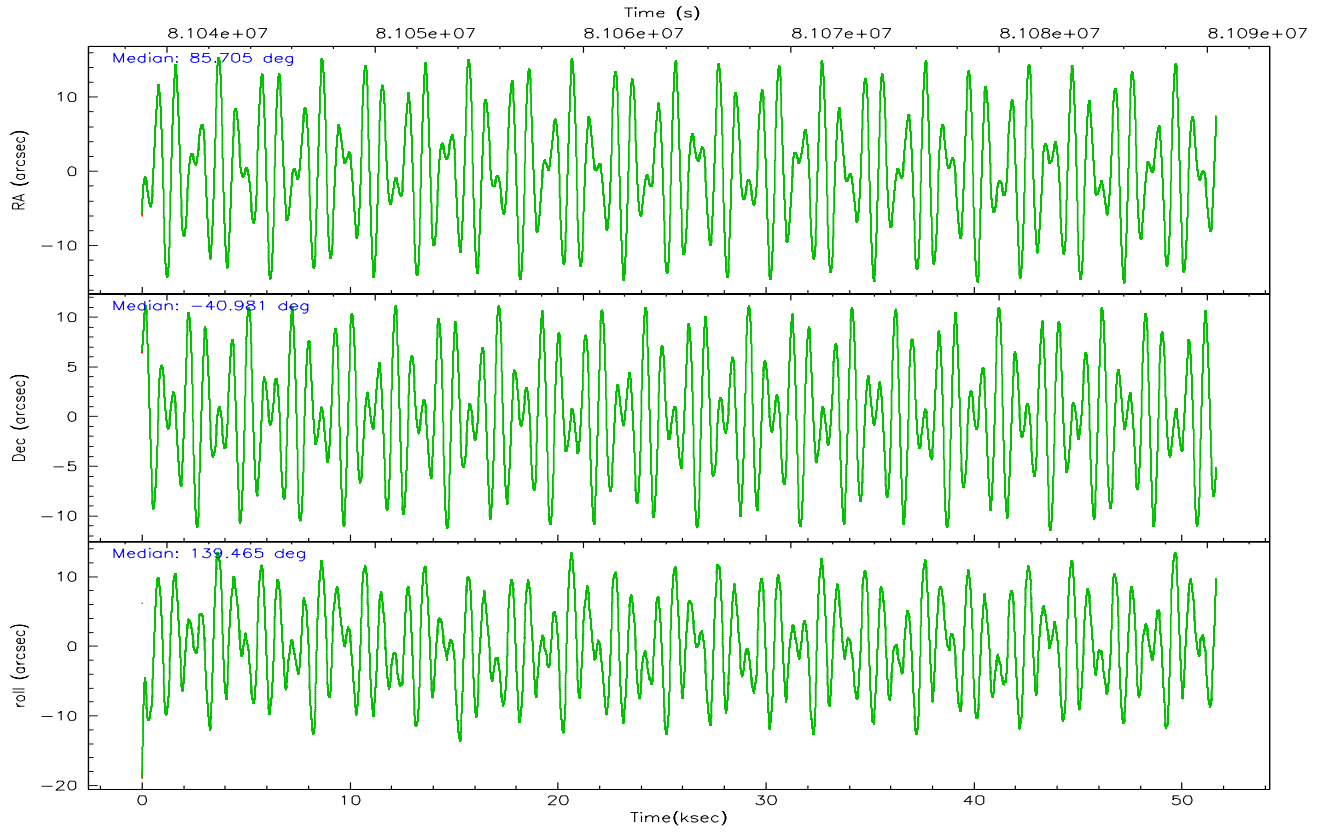
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	19771	39855	15747	17478	14535
	7%	12%	5%	5%	5%
grade 1 events	253	1206	122	145	121
	0%	0%	0%	0%	0%
grade 2 events	7877	11435	6999	6981	6755
	2%	3%	2%	2%	2%
grade 3 events	3461	5116	3044	3335	3351
	1%	1%	1%	1%	1%
grade 4 events	3345	5146	2991	3297	3335
	1%	1%	1%	1%	1%
grade 5 events	9896	11222	9284	10576	11426
	3%	3%	3%	3%	3%
grade 6 events	5970	8442	5590	5948	6422
	2%	2%	1%	2%	2%
grade 7 events	224530	226360	252124	248868	243857
	81%	73%	85%	83%	84%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	85.740477	85.7046156576322	Subarray requested	NONE	NONE
Pointing Dec	-40.986061	-40.98090067196284	Alternating exposures requested	N	N
Pointing Roll	139.282688	139.4678447564305	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	81039476.184000	81038272.422658			
Observation start date	2000-07-26T22:56:52	2000-07-26T22:37:52			
Observation end time	81090437.184000	81090746.274609			
Observation end date	2000-07-27T13:06:13	2000-07-27T13:12:26			
Read mode	TIMED	TIMED			

2.3 Aspect



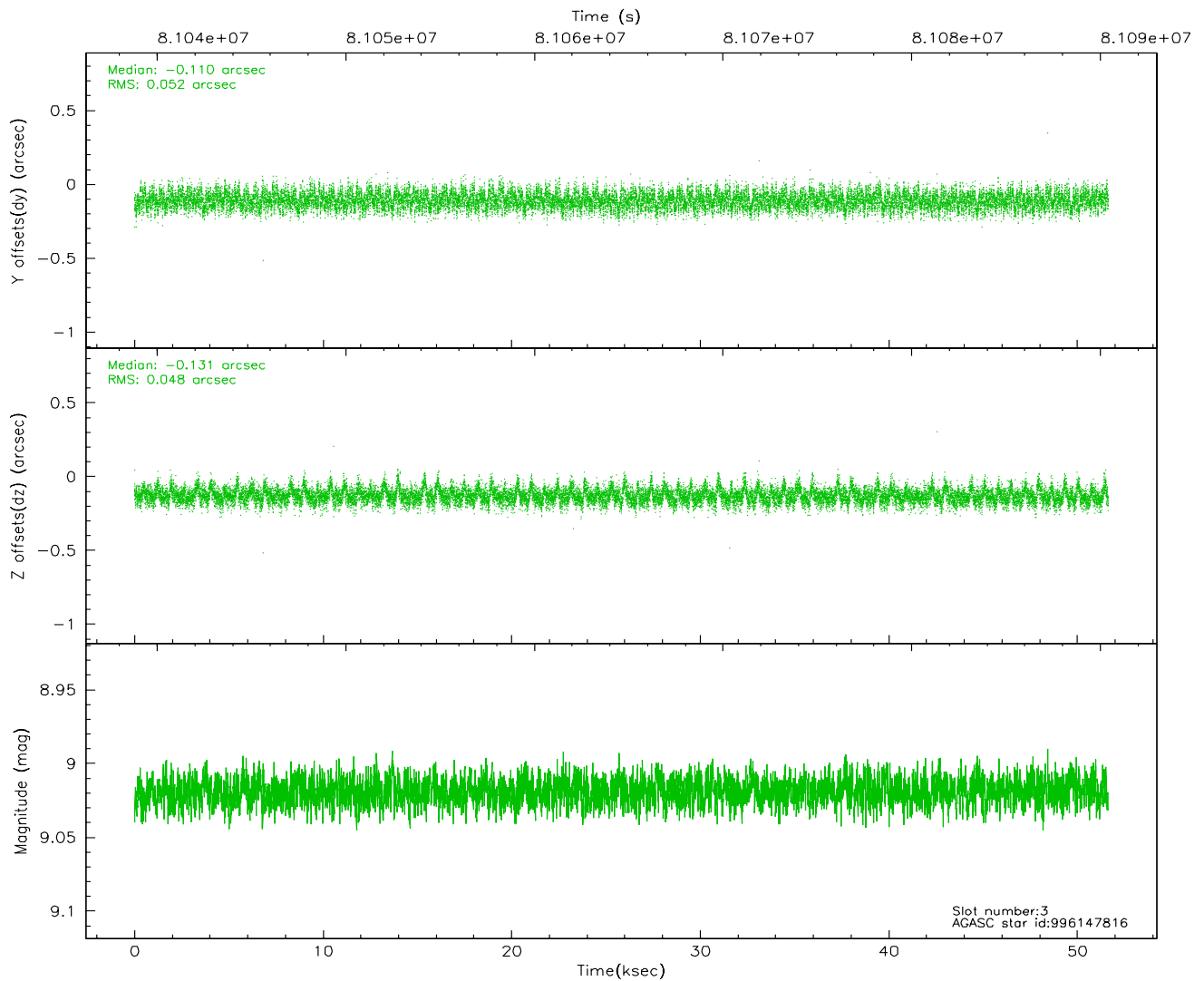
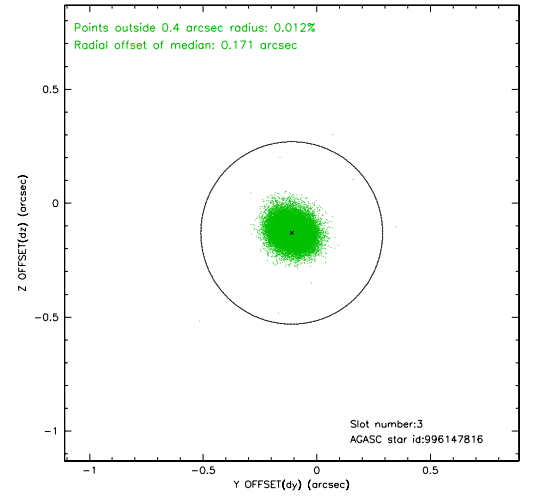
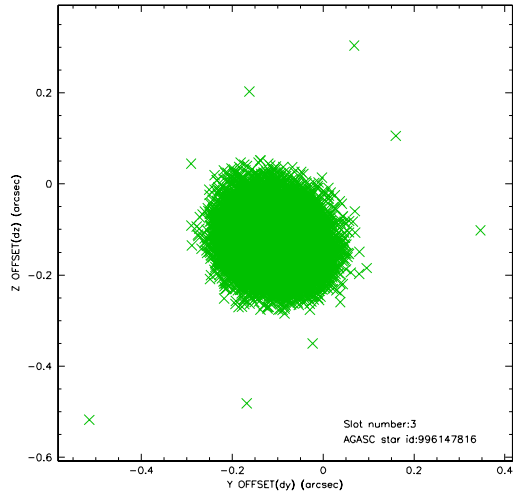


Slot Statistics

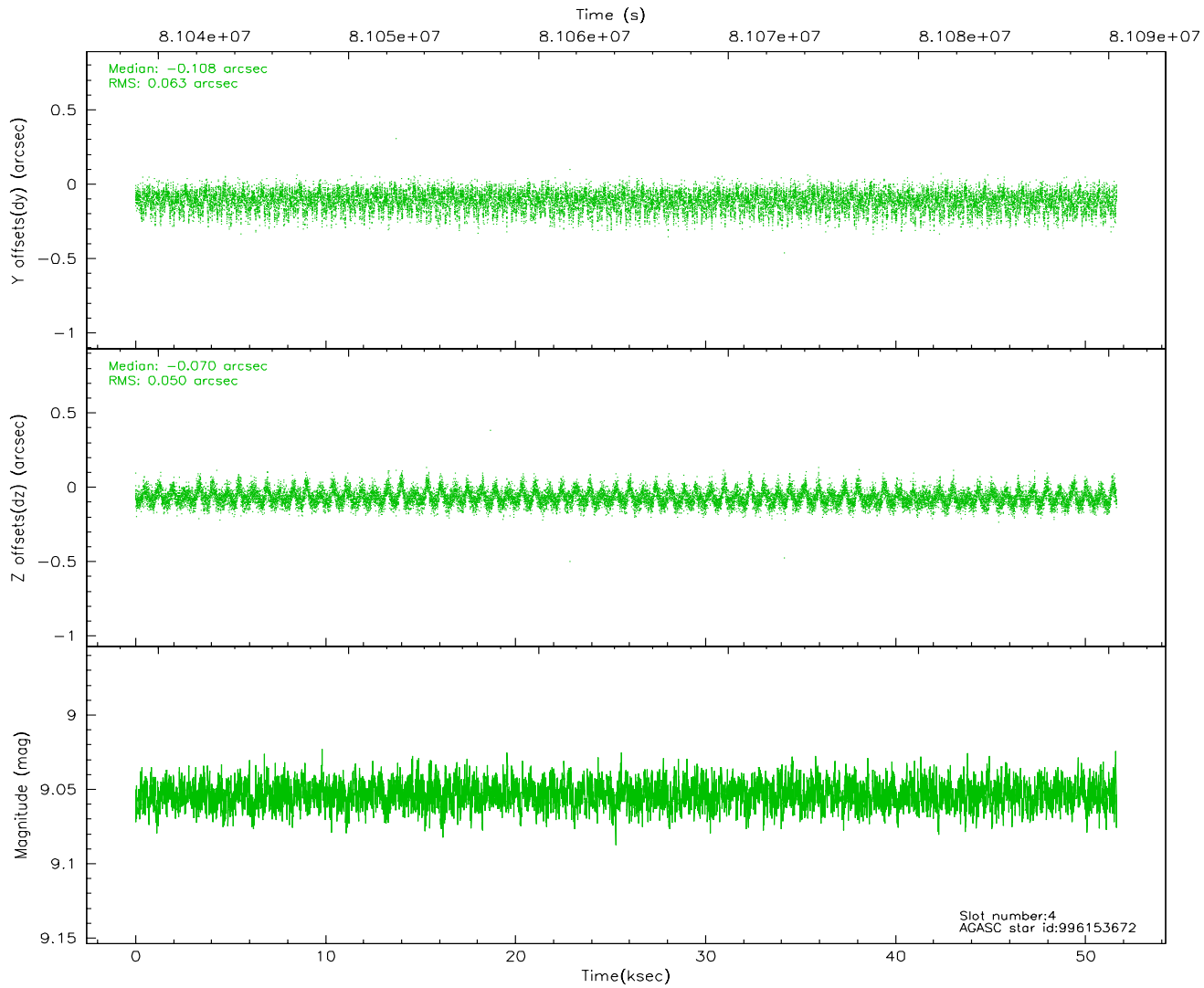
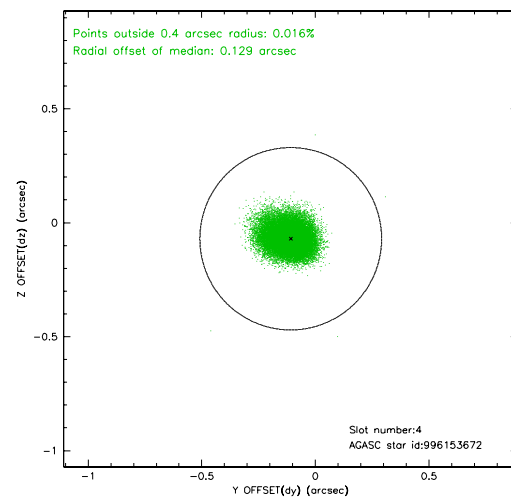
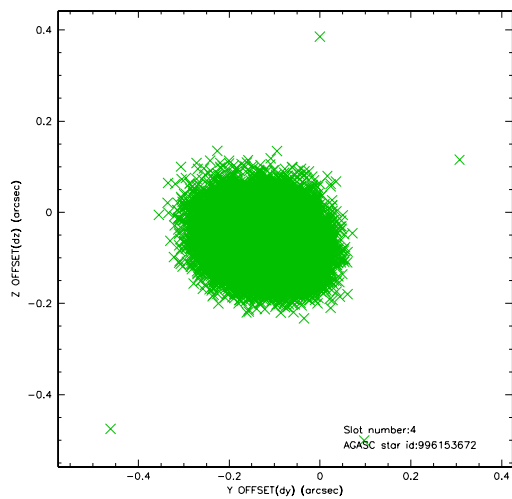
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	12596	-0.017	-0.024	0.010	0.020	0.000000	0.000000	-755.26	-835.36
1	FID	ACIS-I-4	7.18	12594	-0.094	0.026	0.007	0.013	0.000000	0.000000	2158.73	1070.87
2	FID	ACIS-I-5	7.23	12595	0.010	0.066	0.010	0.019	0.000000	0.000000	-1809.09	1068.73
3	GUIDE	996147816	9.02	25182	-0.110	-0.131	0.075	0.121	84.707157	-41.092450	1864.16	2131.93
4	GUIDE	996153672	9.05	25185	-0.108	-0.070	0.086	0.140	84.845844	-41.056579	1667.00	1786.45
5	GUIDE	996287736	10.70	25164	0.111	0.097	0.172	0.307	86.587253	-40.809215	-1340.36	-1978.87
6	GUIDE	996288720	9.76	25181	-0.016	0.171	0.124	0.197	86.670215	-40.746711	-1368.46	-2296.75
7	GUIDE	996813976	9.90	25069	0.128	-0.064	0.106	0.172	86.141011	-41.324183	-1616.24	218.12

2.4 Star Slots

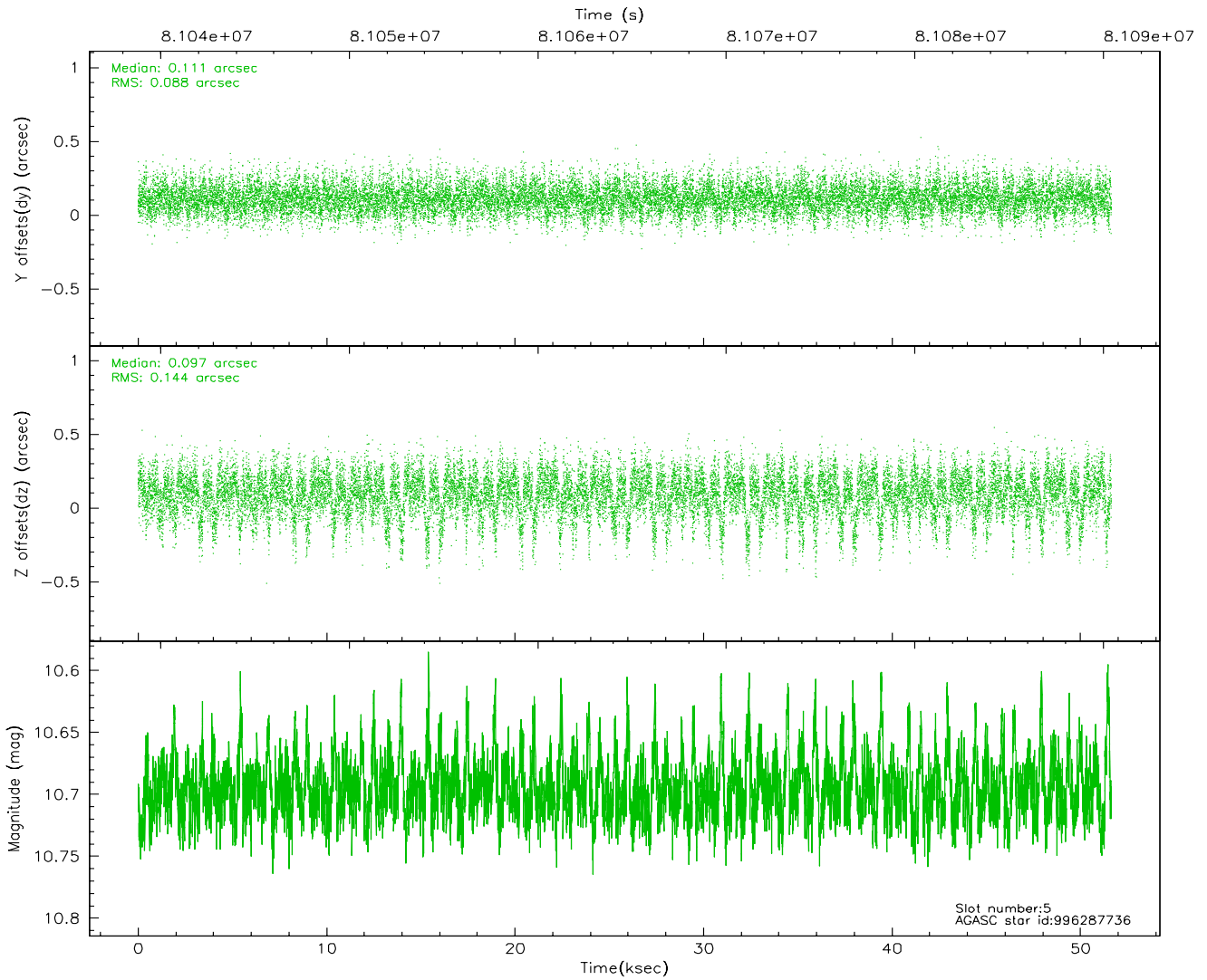
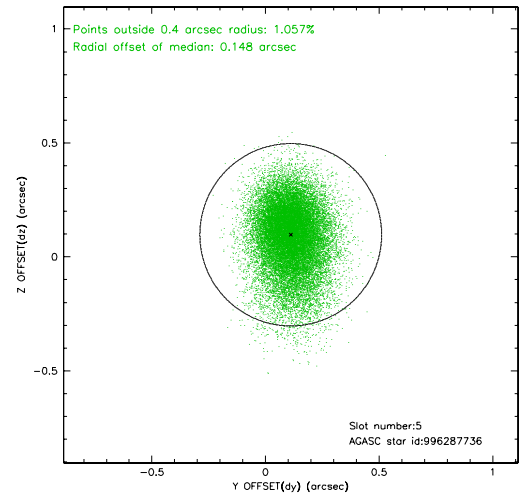
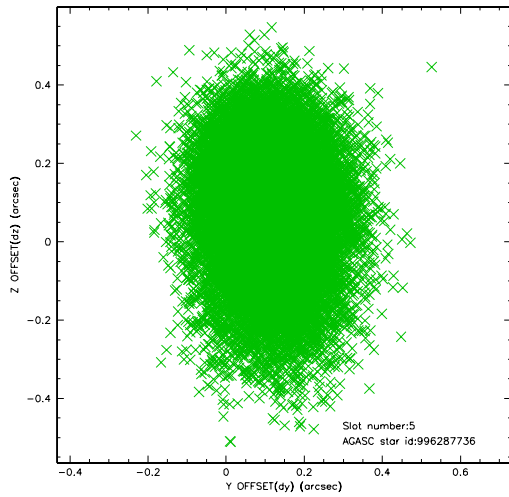
2.4.1 Slot 3



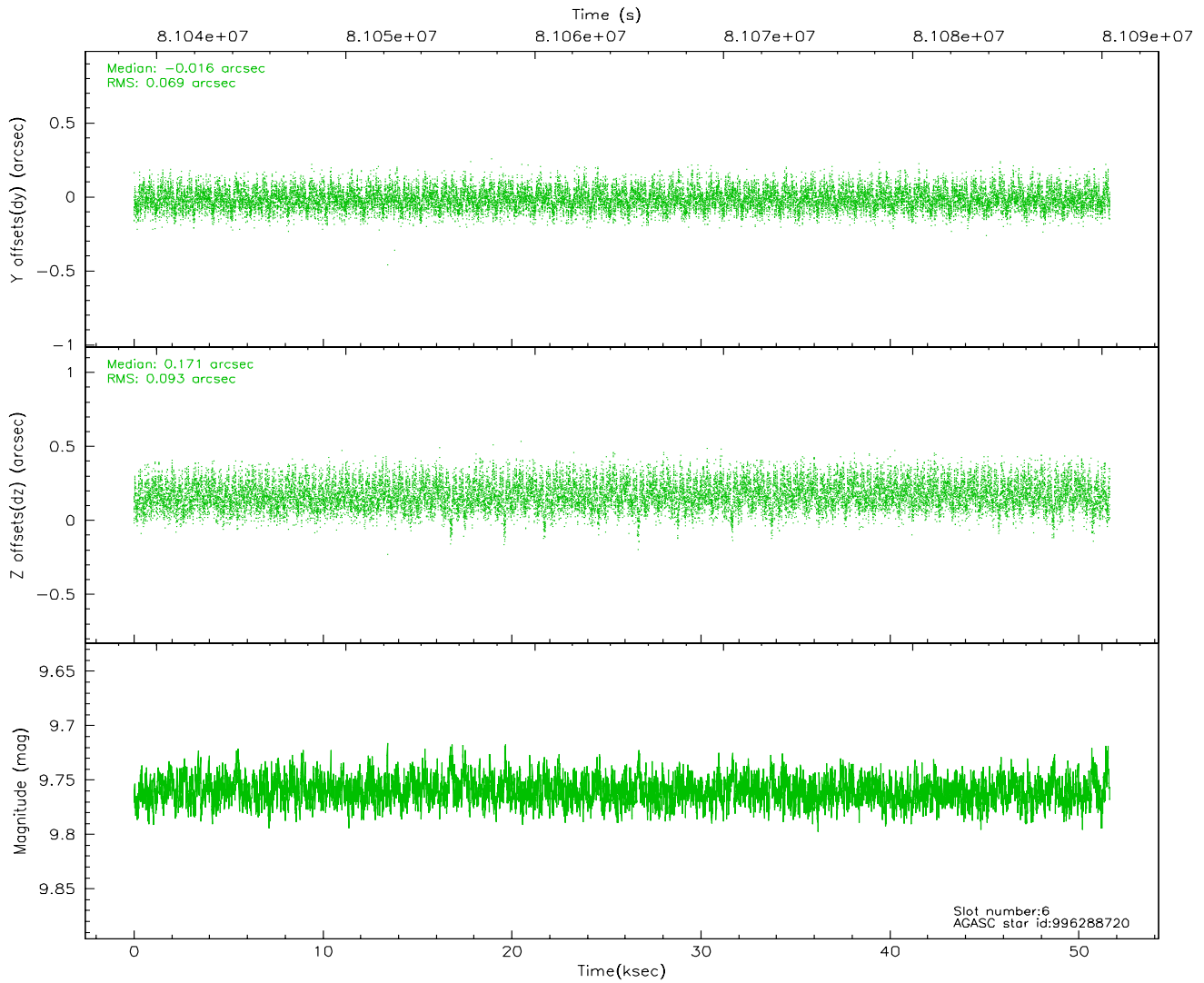
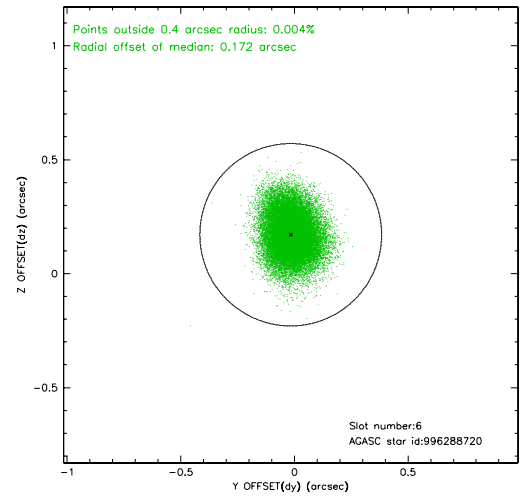
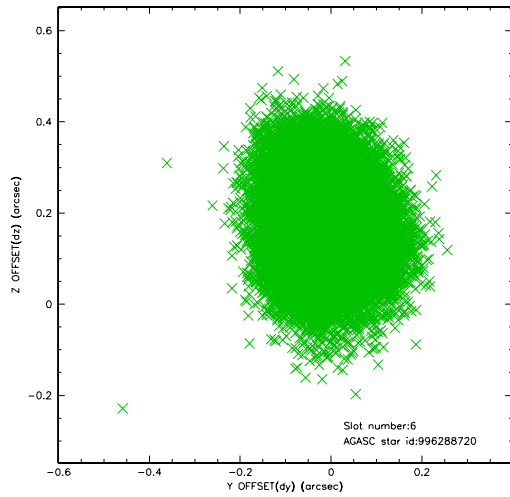
2.4.2 Slot 4



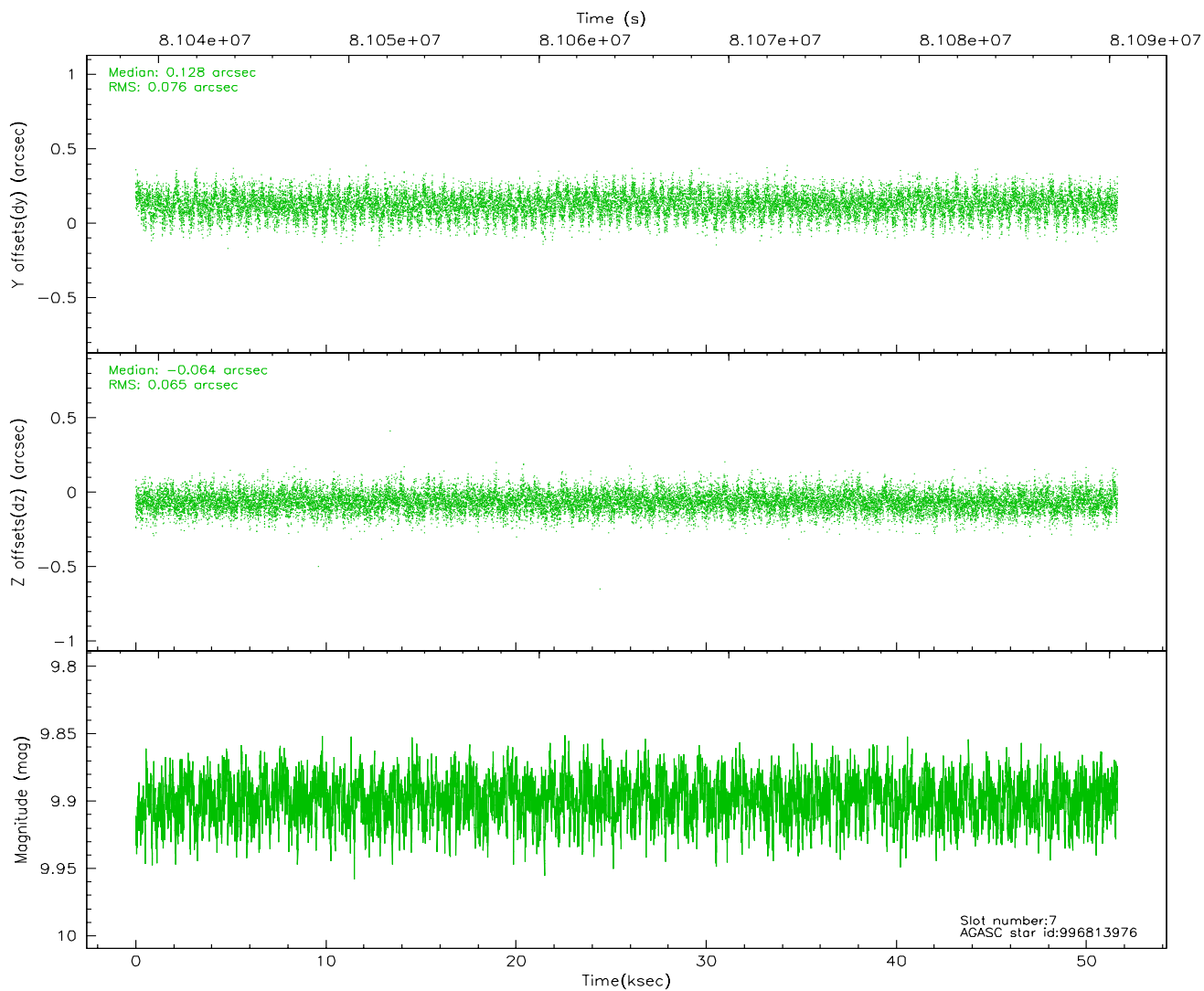
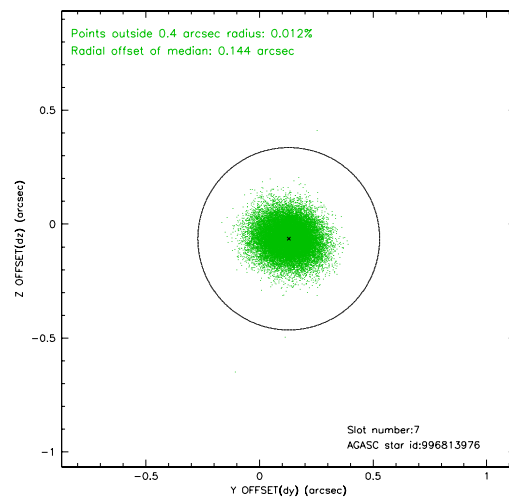
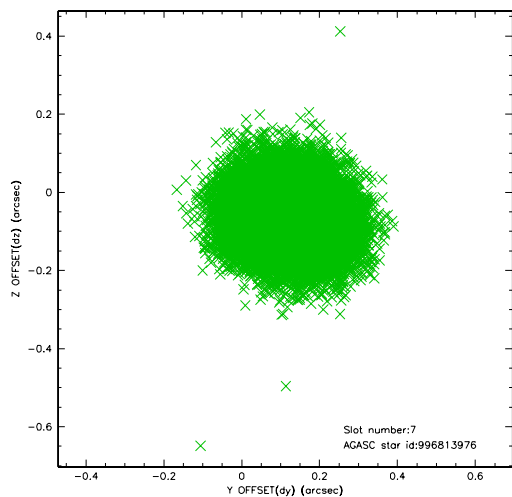
2.4.3 Slot 5



2.4.4 Slot 6

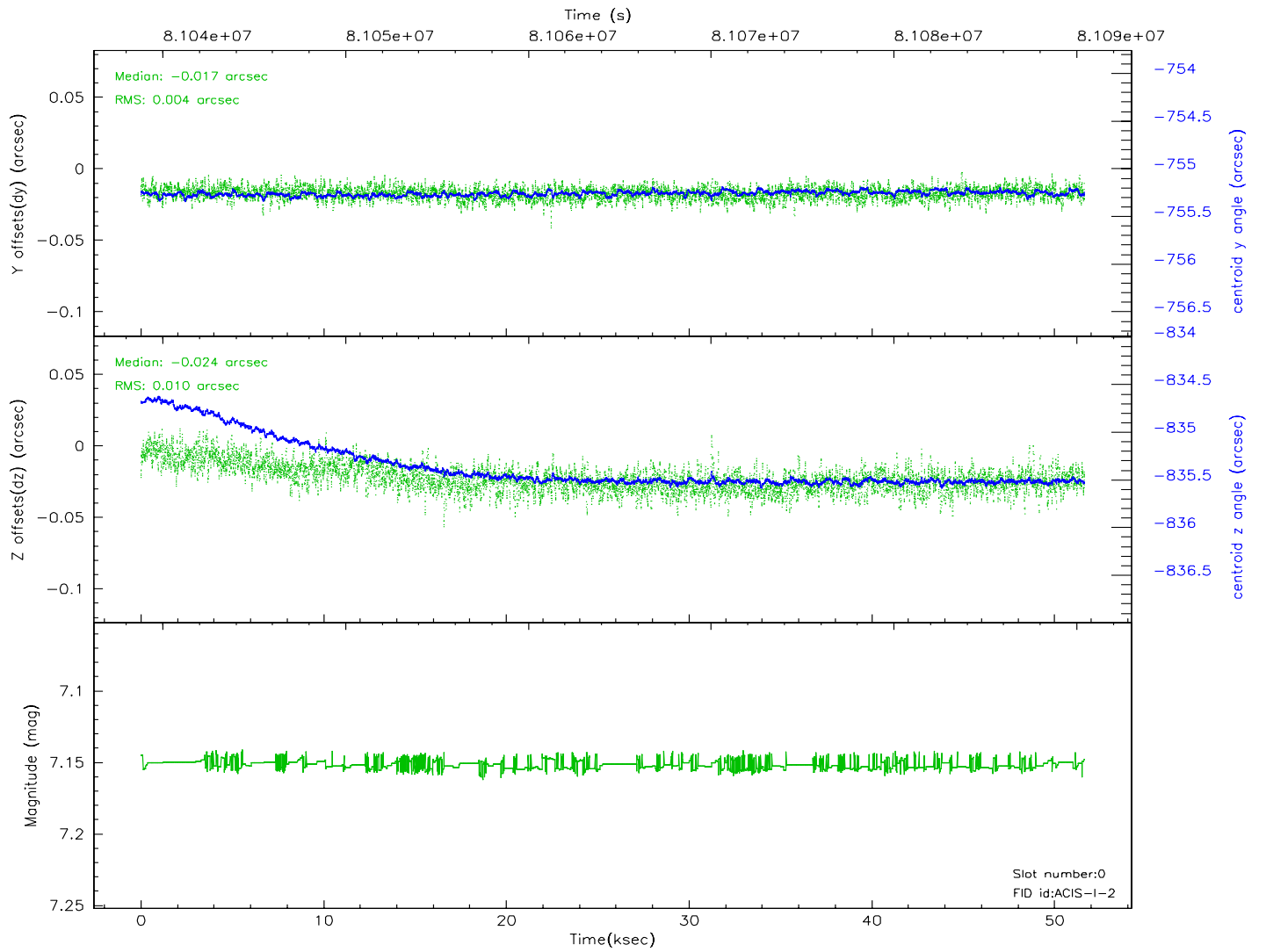
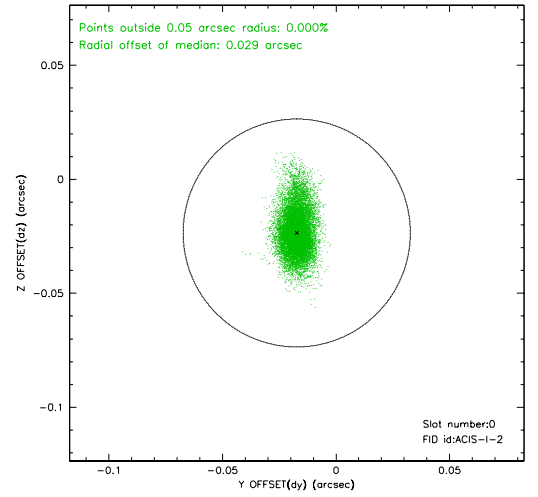
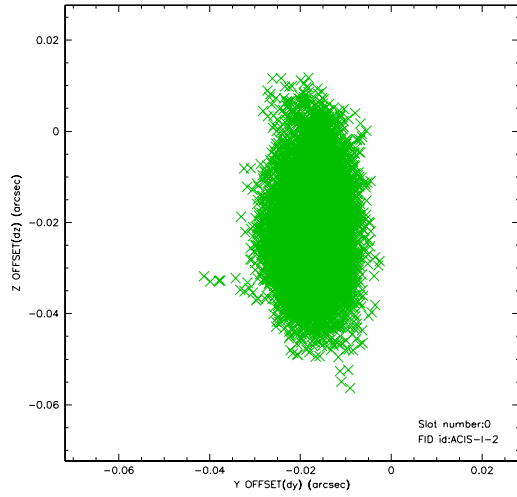


2.4.5 Slot 7

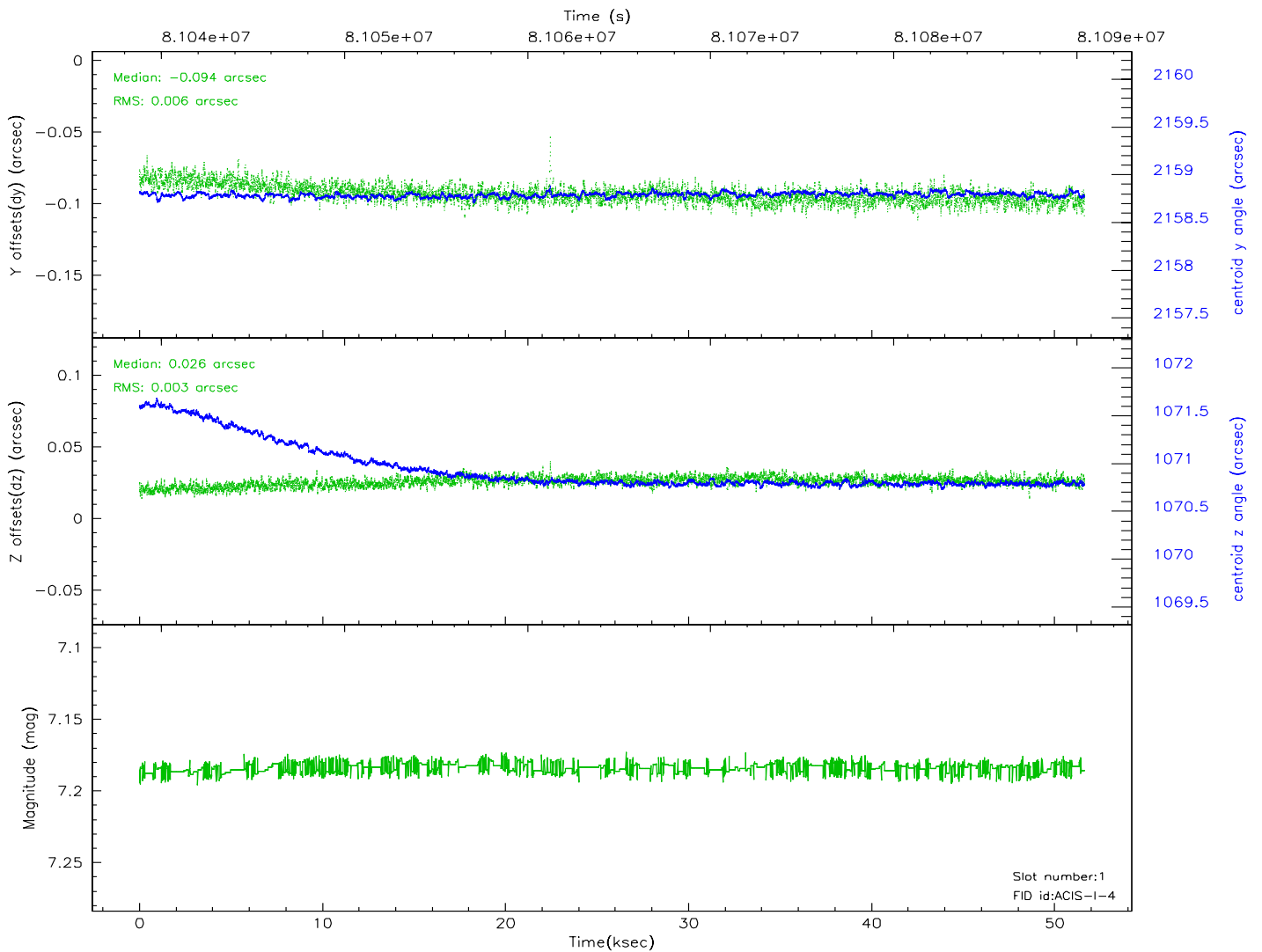
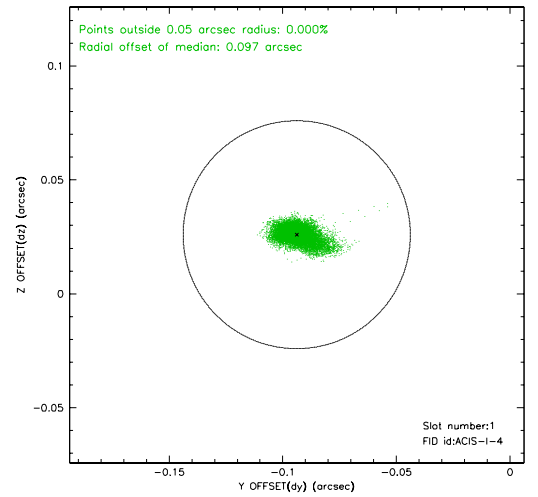
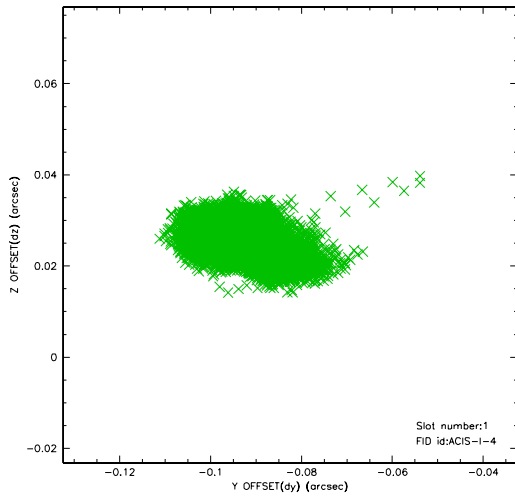


2.5 FID Slots

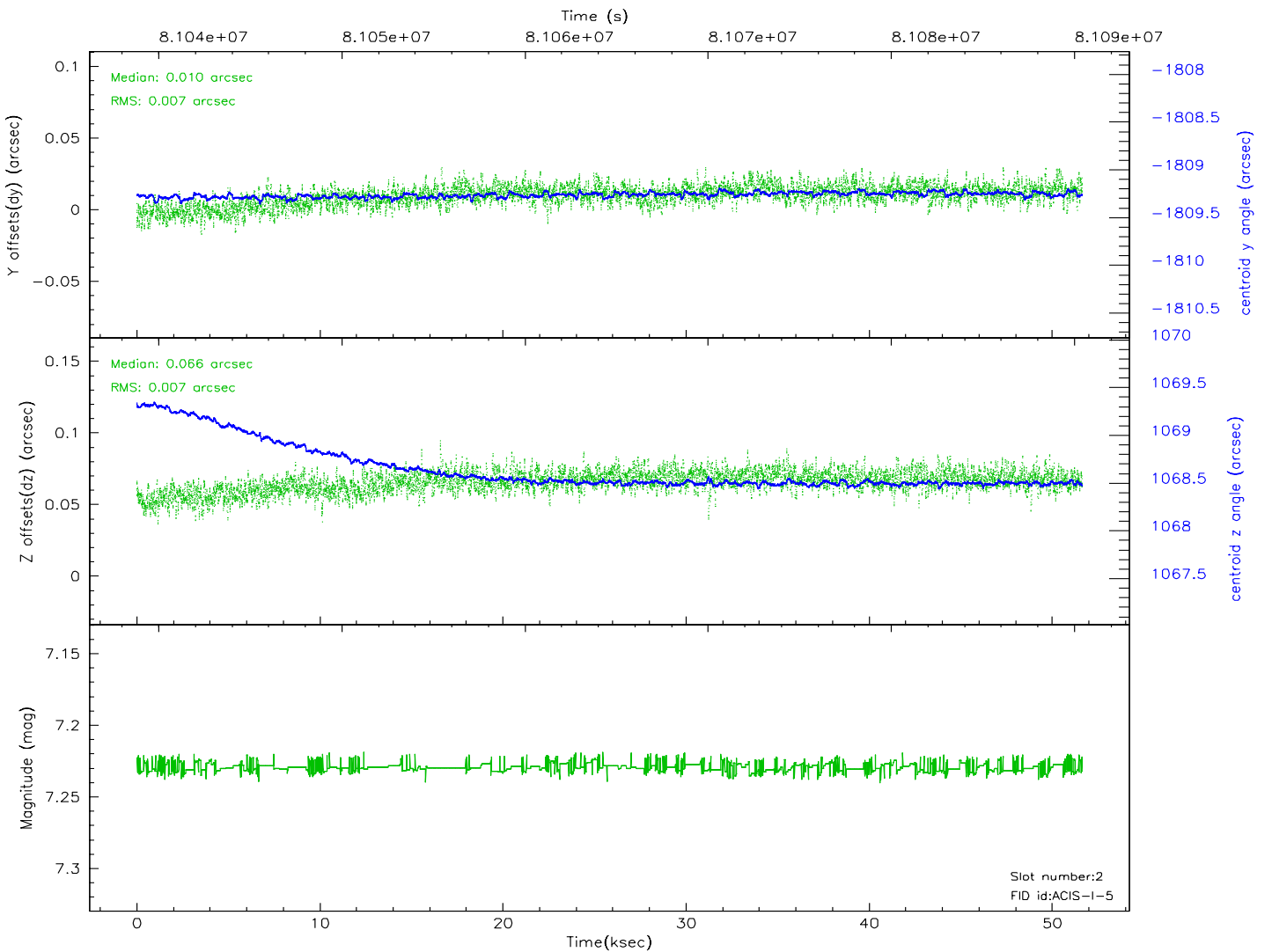
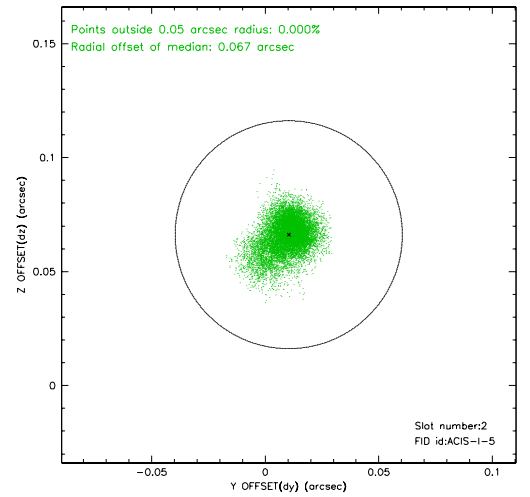
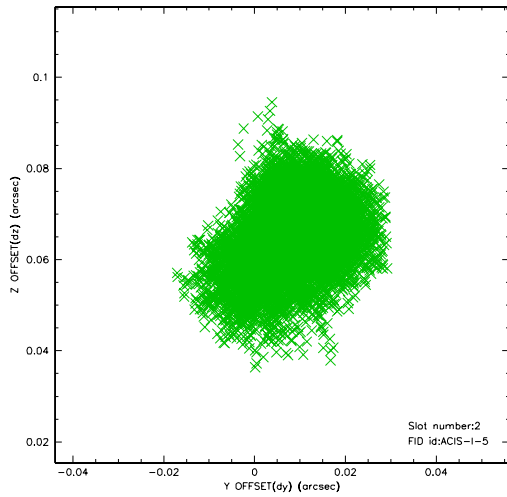
2.5.1 Slot 0



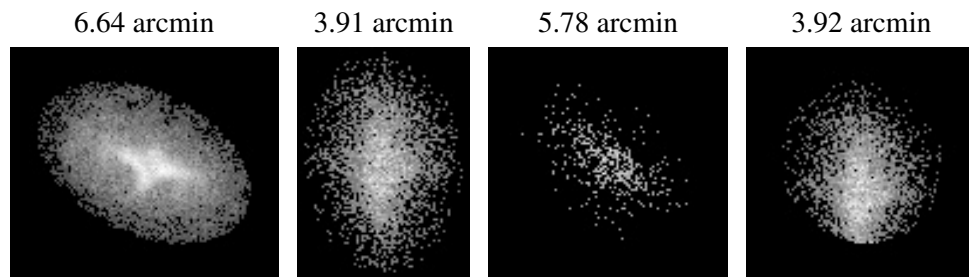
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.049

A.2 Comments