

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4477 - L2 Version 001
Chandra X-Ray Center

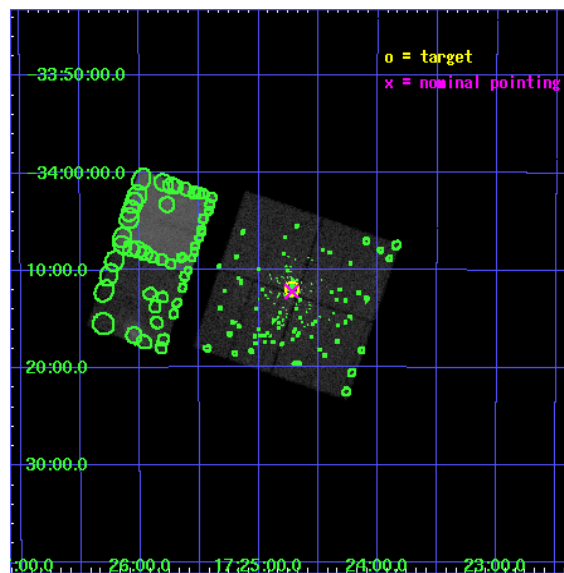
L2 Processing Date : Apr 29 2006

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1 Front

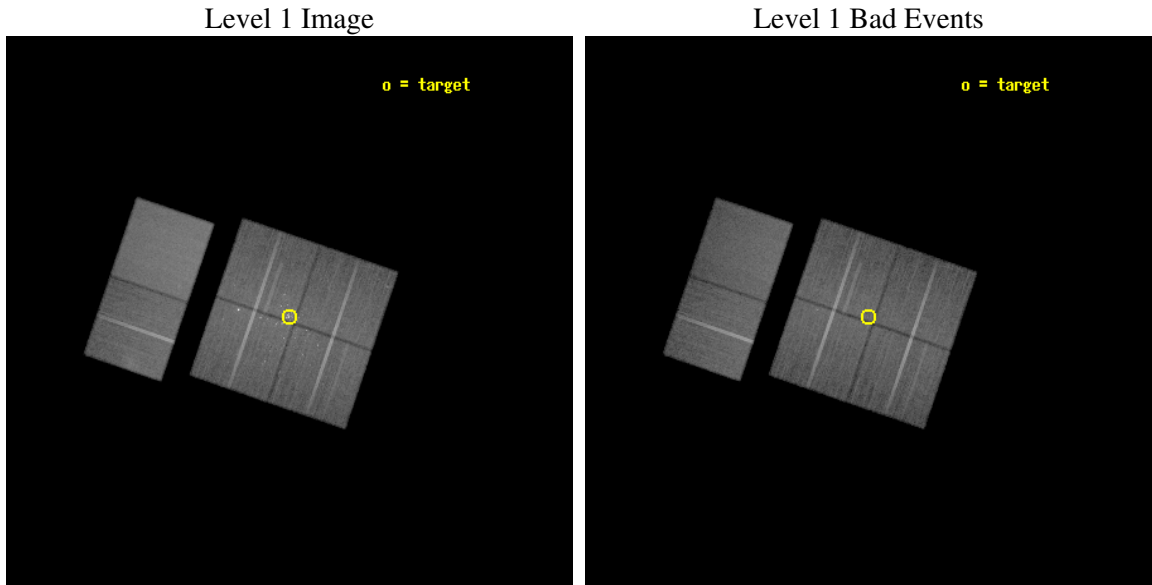
seq_num	200246
obs_id	4477
title	ACIS Observations of the Massive Star-Forming Complex NGC 6357
observer	Professor Gordon Garmire
object	NGC 6357 Field I
dtcycle	0
cycle	P
ra_targ	261.180833
dec_targ	-34.198889
ra_nom	261.18043759709
dec_nom	-34.203512694194
roll_nom	288.91108949689
revision	2
ontime	38172.676886976
livetime	37689.311467406
ontime0	38179.15884757
ontime1	38166.194816917
ontime2	38169.4359366
ontime3	38172.676886976
ontime6	38159.713065386
ontime7	38172.6768969
l2events	344611



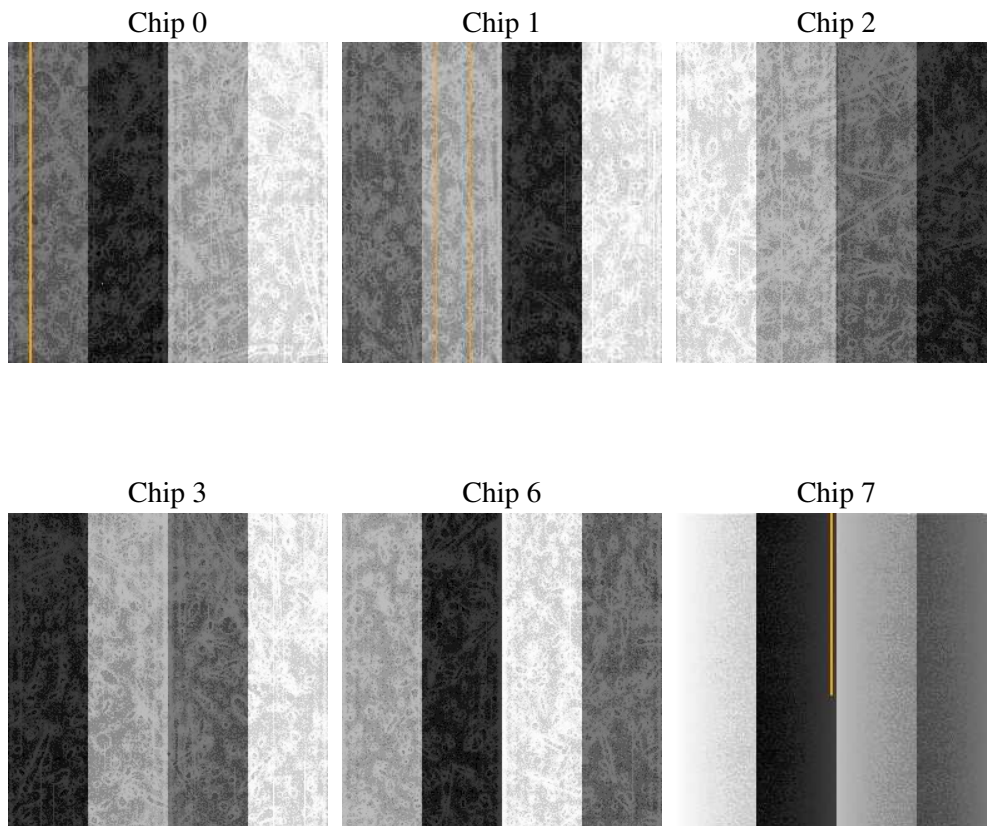
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-04-29T14:45:24
revision	2

sched_exp_time	38000.000000
ontime	38535.622969359
ontime0	38542.104949862
ontime1	38529.140899301
ontime2	38532.382038891
ontime3	38535.622969359
ontime6	38522.659167677
ontime7	38535.623009086
l1events	1877523

2.1.4 Events

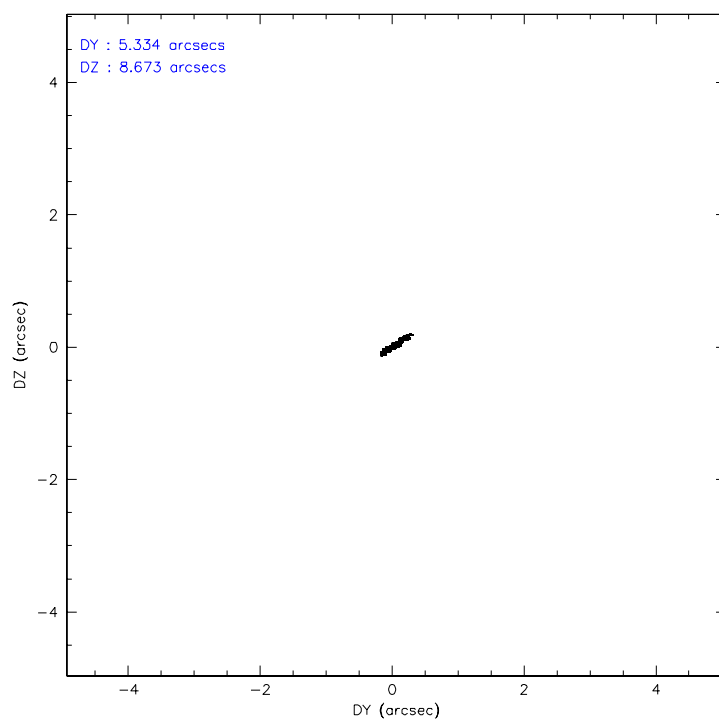
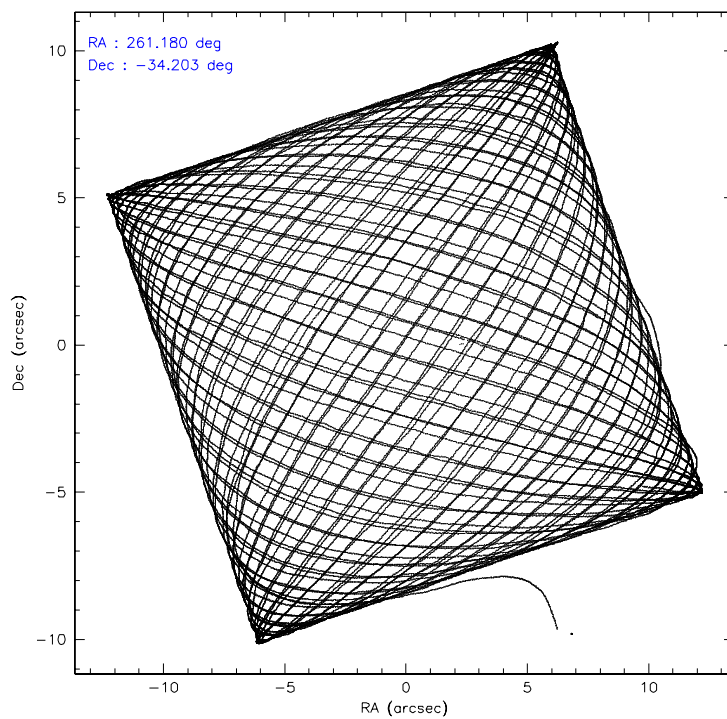
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	280113	278984	310186	302624	307677	397939
rejected events	237164	237454	260650	256614	264821	246489
rejected %	84%	85%	84%	84%	86%	61%

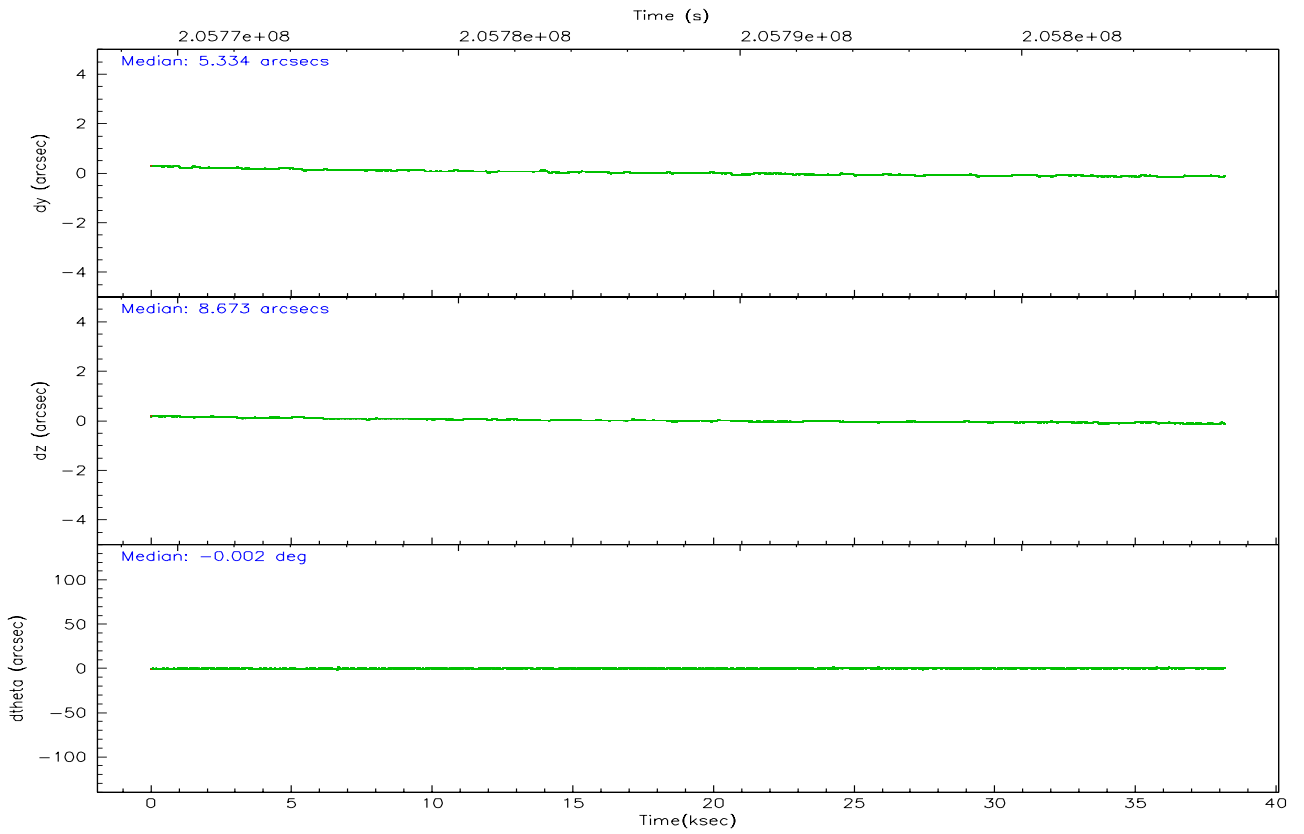
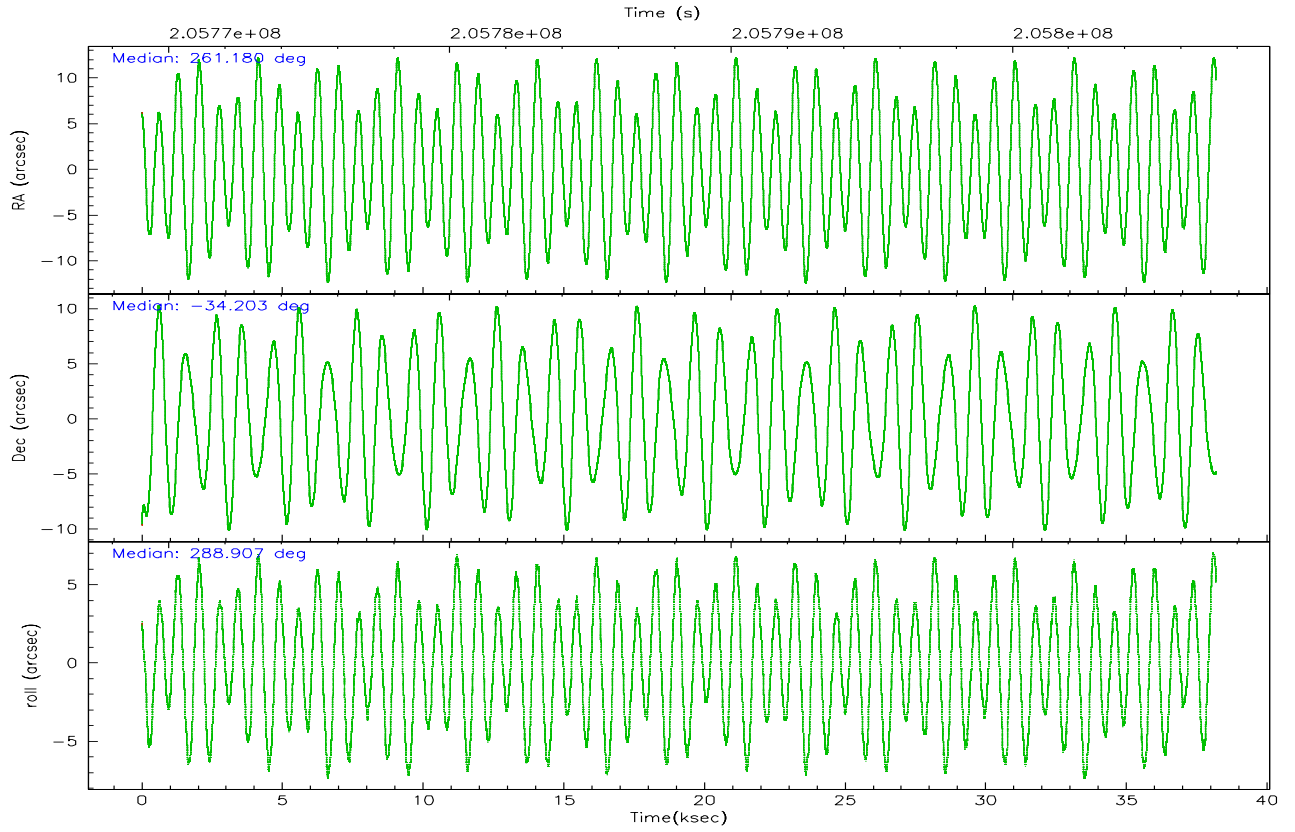
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	21716	18690	28164	24863	20159	8892
	7%	6%	9%	8%	6%	2%
grade 1 events	214	138	326	294	169	227
	0%	0%	0%	0%	0%	0%
grade 2 events	8223	8503	8447	7830	8180	38107
	2%	3%	2%	2%	2%	9%
grade 3 events	3681	3728	3807	3739	3705	7904
	1%	1%	1%	1%	1%	1%
grade 4 events	3483	3789	3677	3738	3745	7624
	1%	1%	1%	1%	1%	1%
grade 5 events	11714	12402	11597	13163	13527	26194
	4%	4%	3%	4%	4%	6%
grade 6 events	6232	7202	5820	6277	7442	90324
	2%	2%	1%	2%	2%	22%
grade 7 events	224850	224532	248348	242720	250750	218667
	80%	80%	80%	80%	81%	54%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	261.155396	261.1804375970928	Alternating exposures requested	N	N
Pointing Dec	-34.185601	-34.20351269419407	Primary exposure time	0.000000	3.2
Pointing Roll	288.688324	288.9110894968876			
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	205769250.184000	205767997.83429			
Observation start date	2004-07-09T14:06:26	2004-07-09T13:46:37			
Observation end time	205807250.184000	205808048.17356			
Observation end date	2004-07-10T00:39:46	2004-07-10T00:54:08			
Read mode	TIMED	TIMED			

2.3 Aspect



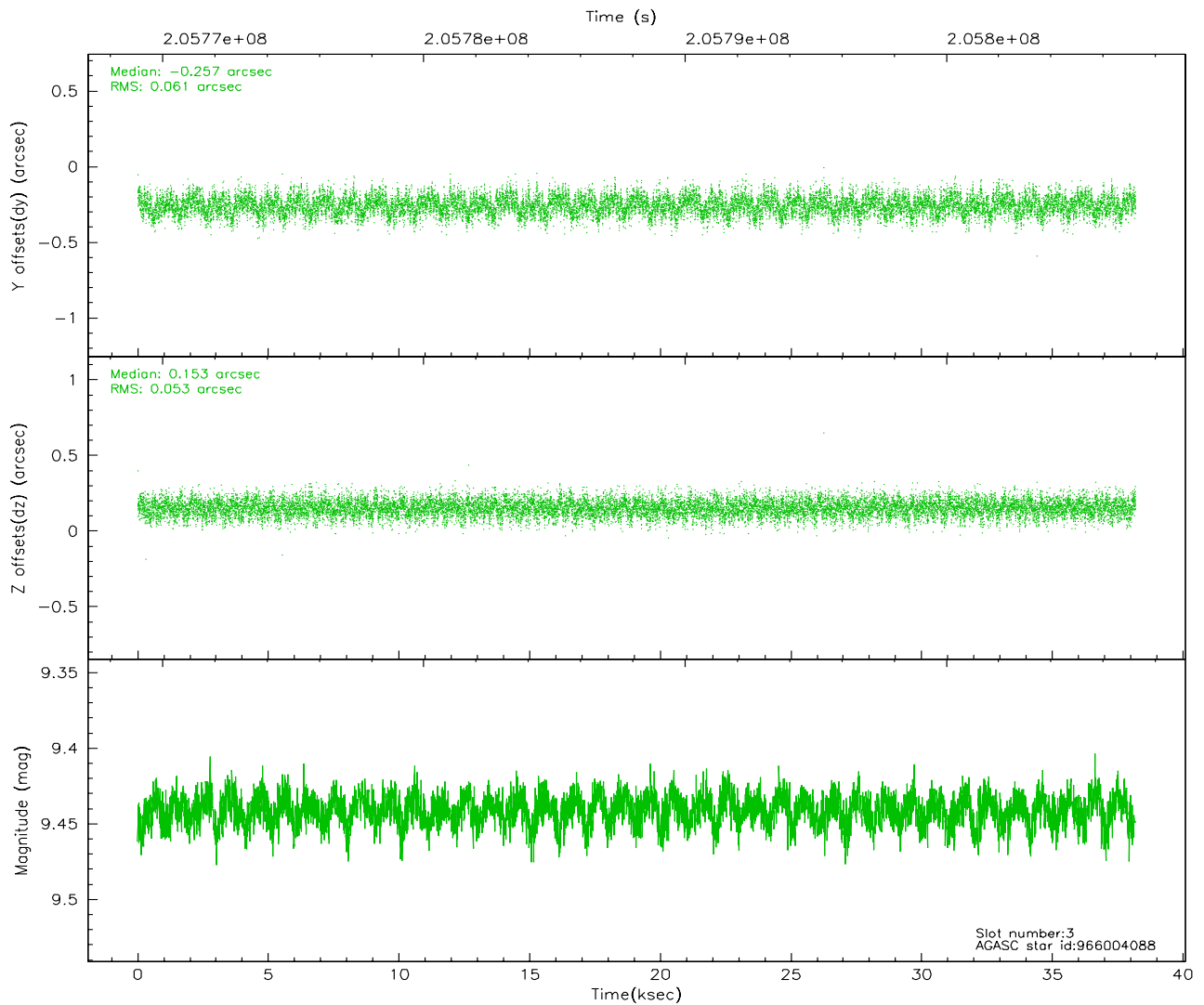
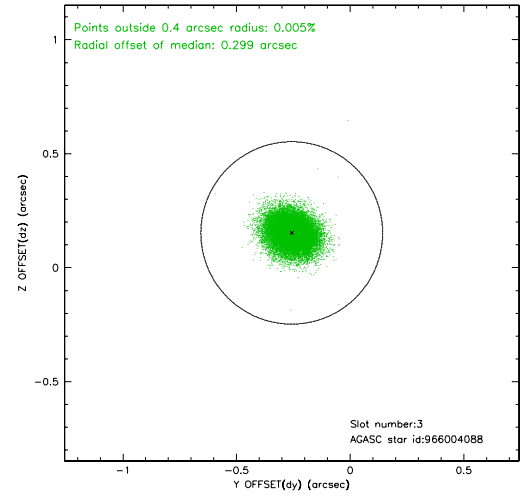
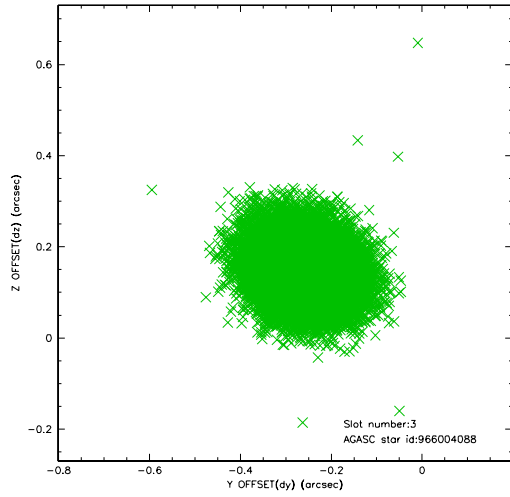


Slot Statistics

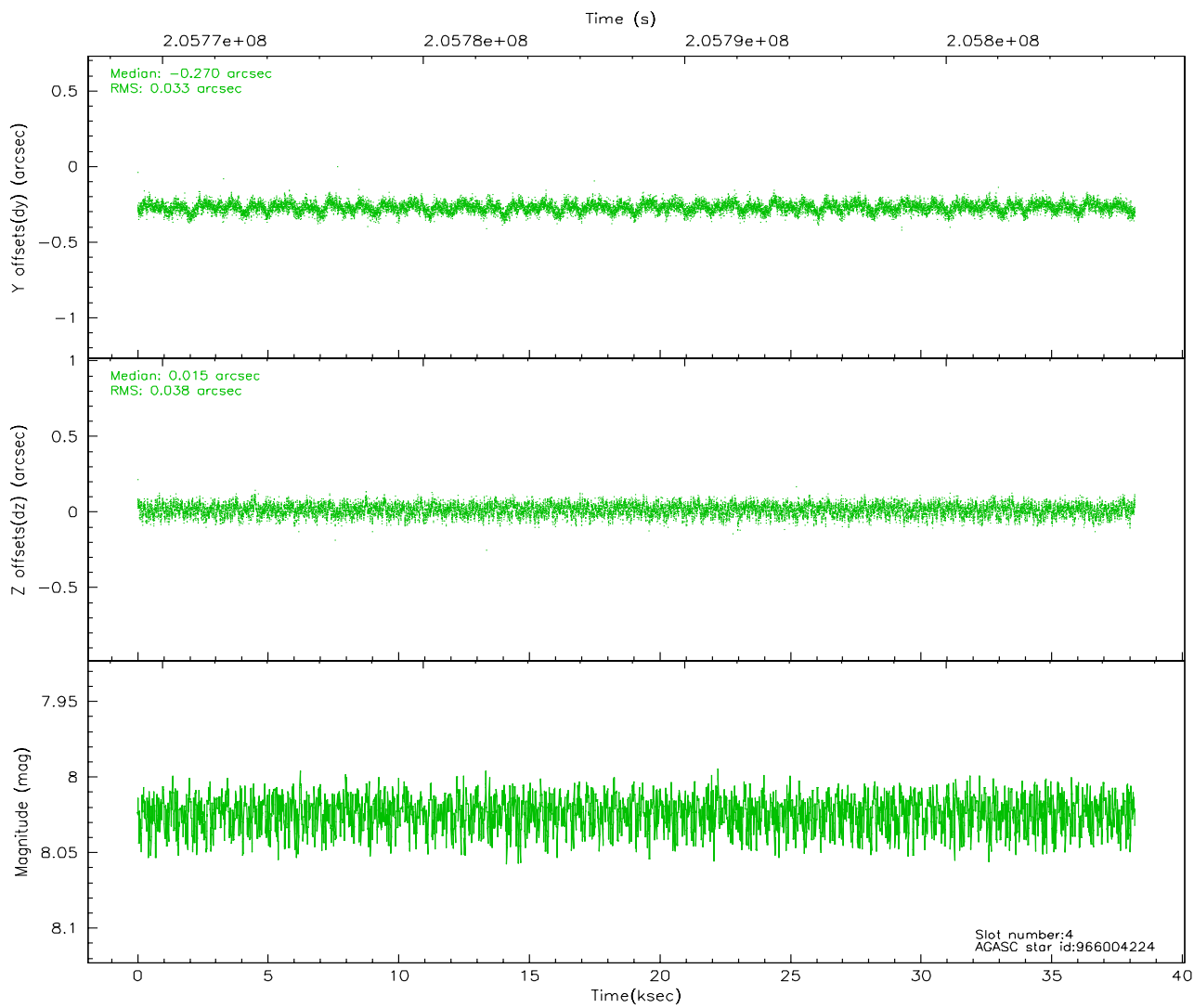
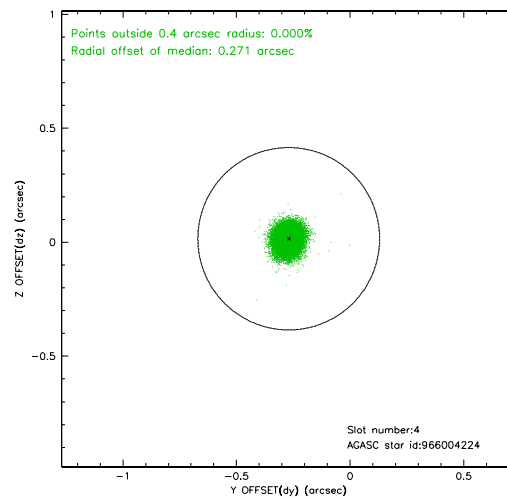
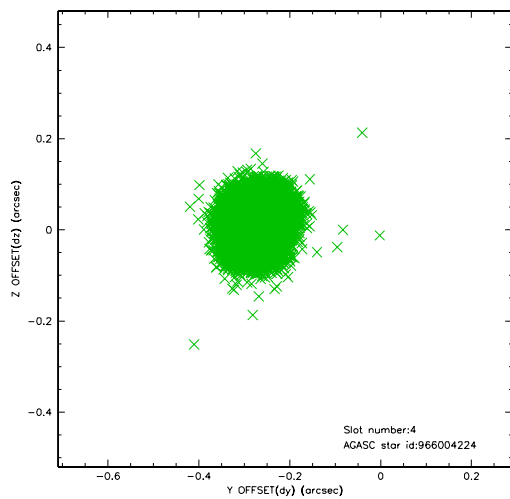
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	9309	-0.013	0.070	0.007	0.011	0.000000	0.000000	934.37	-832.05
1	FID	ACIS-I-5	7.22	9305	-0.121	0.030	0.007	0.011	0.000000	0.000000	-1813.85	1065.37
2	FID	ACIS-I-6	7.26	9307	0.043	-0.029	0.007	0.012	0.000000	0.000000	399.93	1709.86
3	GUIDE	966004088	9.44	18599	-0.257	0.153	0.087	0.137	260.740677	-33.763530	-1834.40	-689.78
4	GUIDE	966004224	8.02	18613	-0.270	0.015	0.054	0.086	260.824329	-33.819793	-1563.20	-516.64
5	GUIDE	967704600	8.51	18613	-0.024	0.087	0.059	0.094	262.063091	-34.610970	2323.91	2053.40
6	GUIDE	967708760	7.42	18621	-0.088	-0.105	0.058	0.089	261.328301	-34.249213	382.64	413.95
7	GUIDE	967711376	7.07	18620	0.640	-0.148	0.056	0.088	261.036431	-34.798453	1978.56	-1040.15

2.4 Star Slots

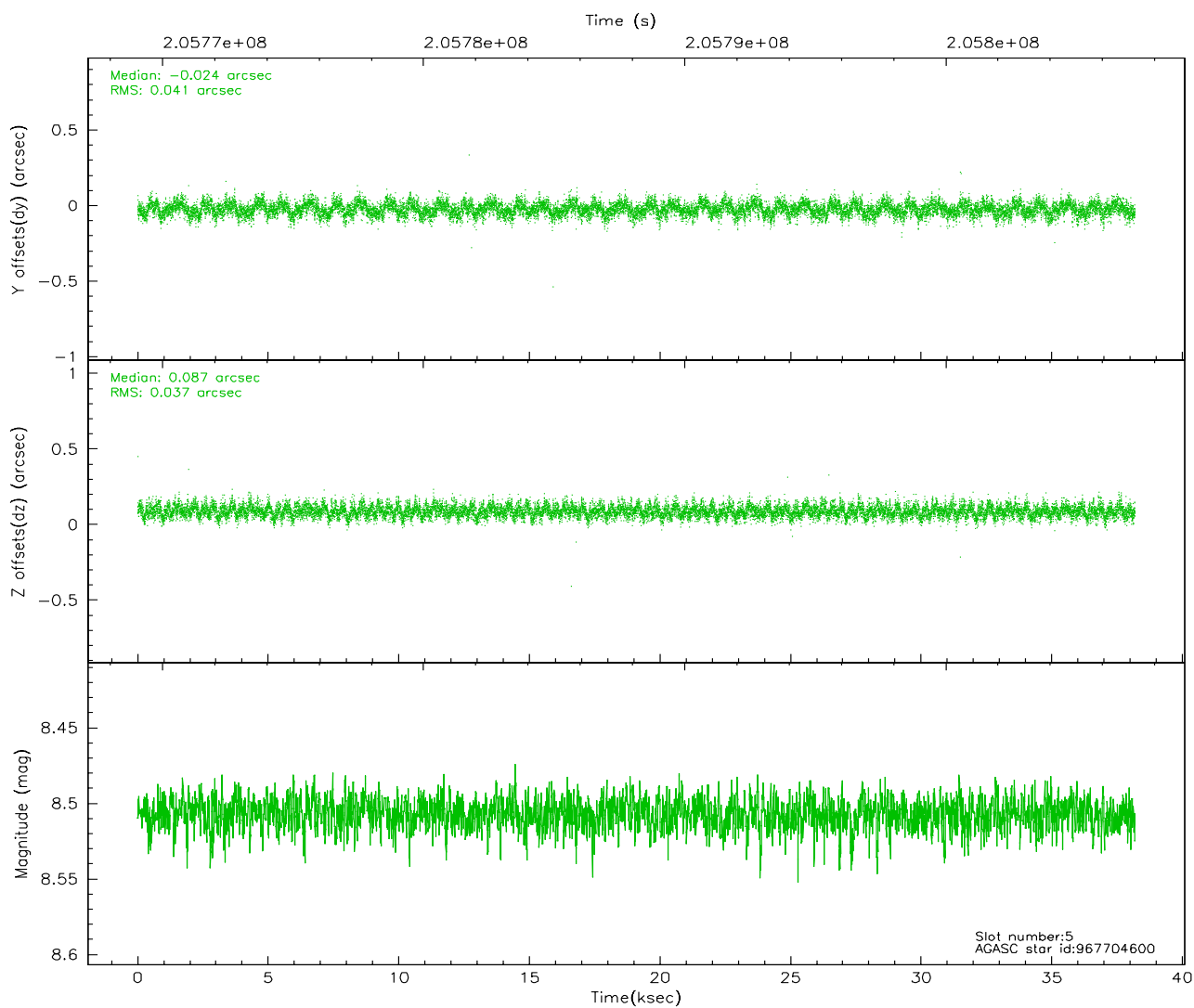
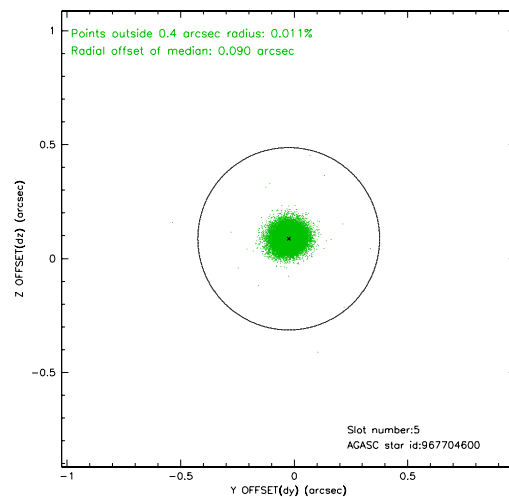
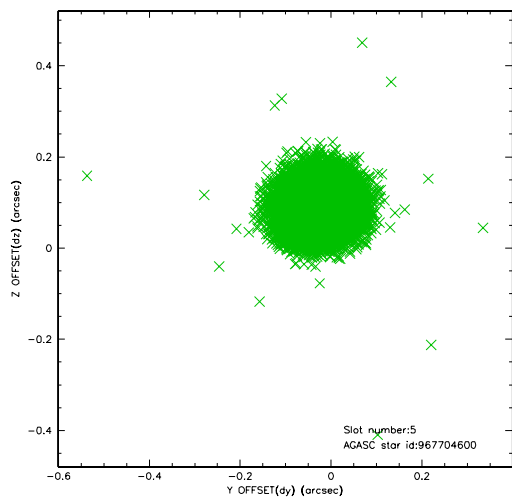
2.4.1 Slot 3



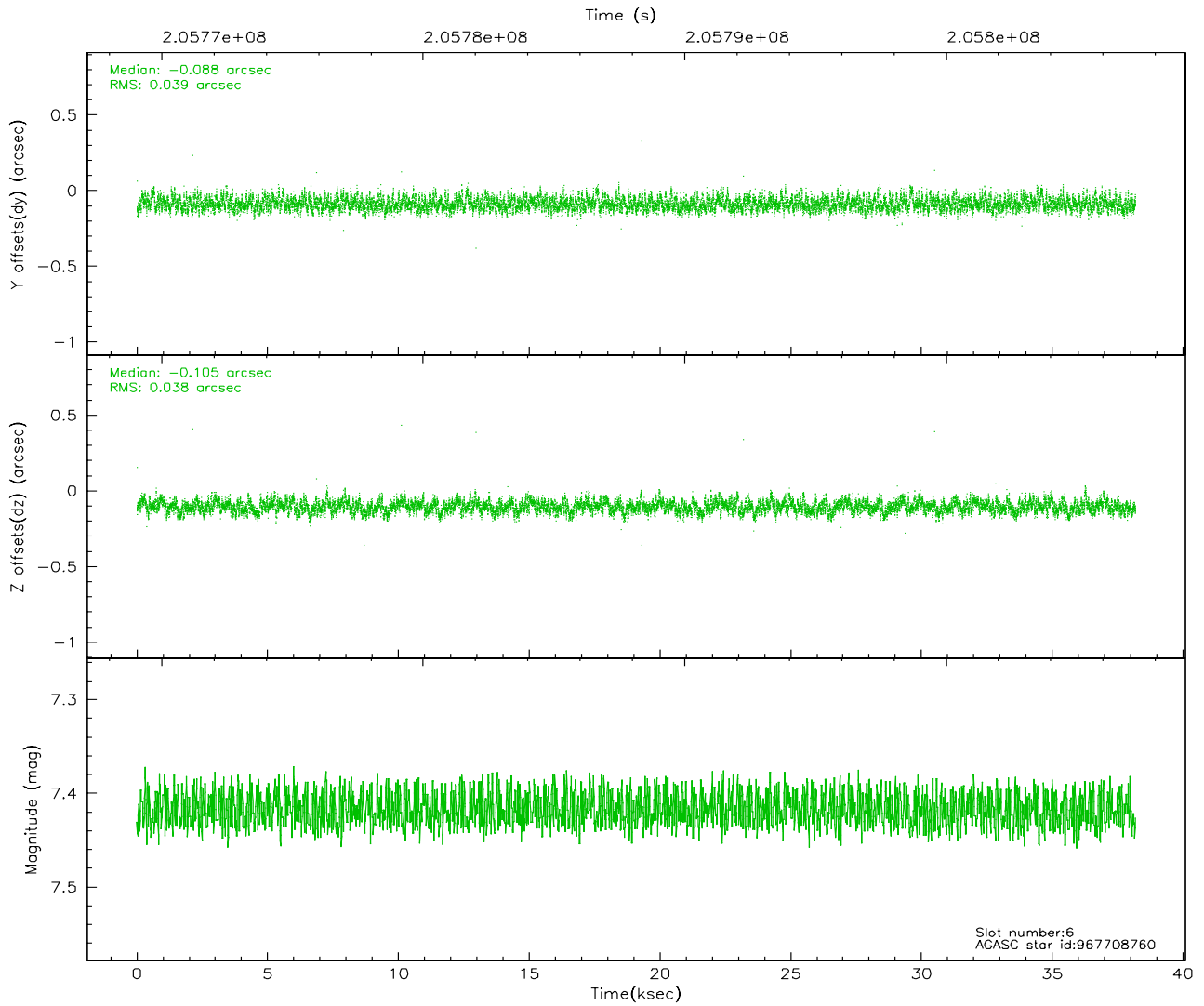
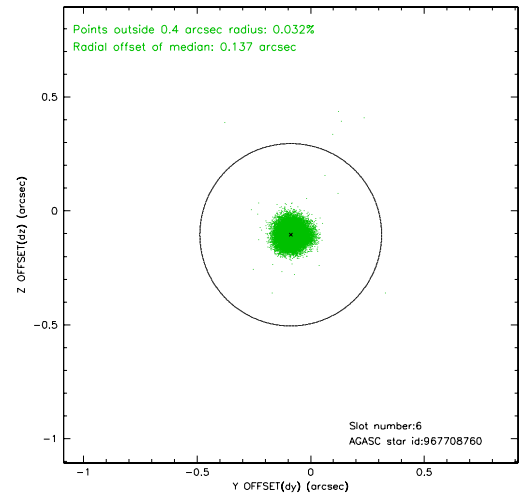
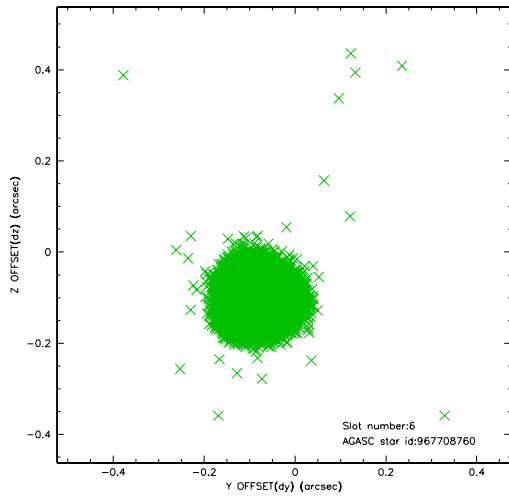
2.4.2 Slot 4



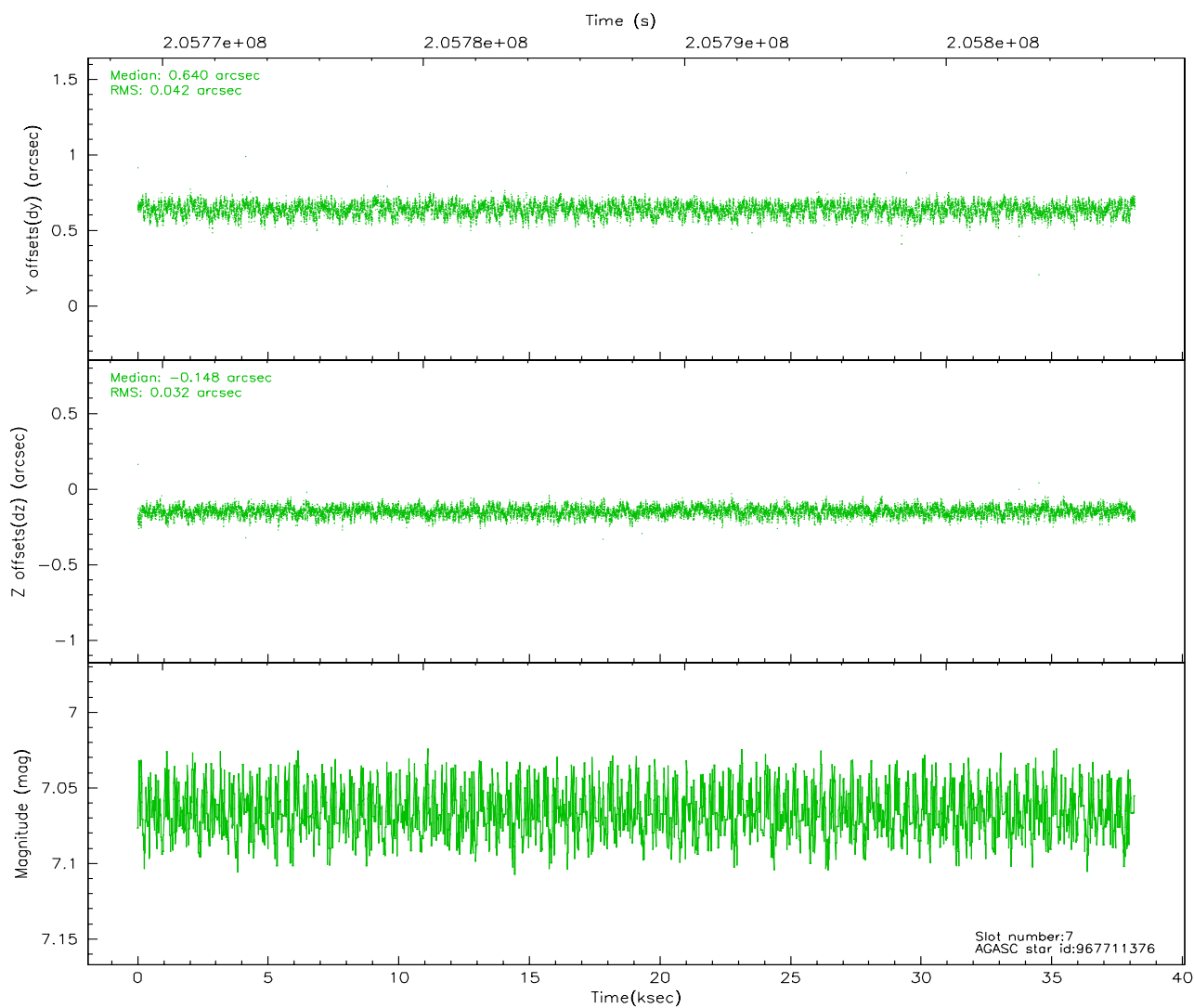
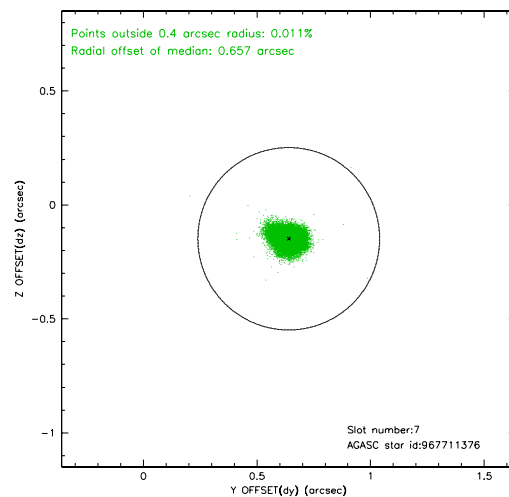
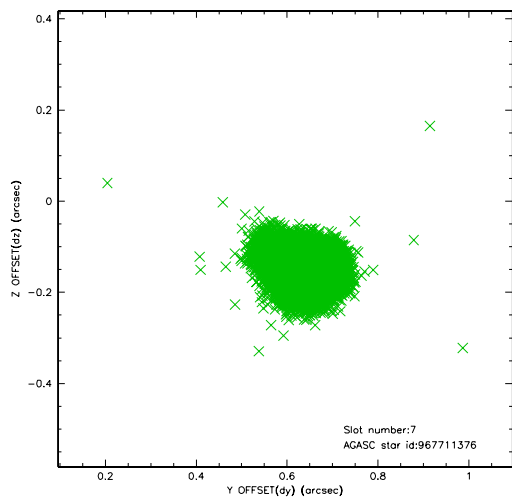
2.4.3 Slot 5



2.4.4 Slot 6

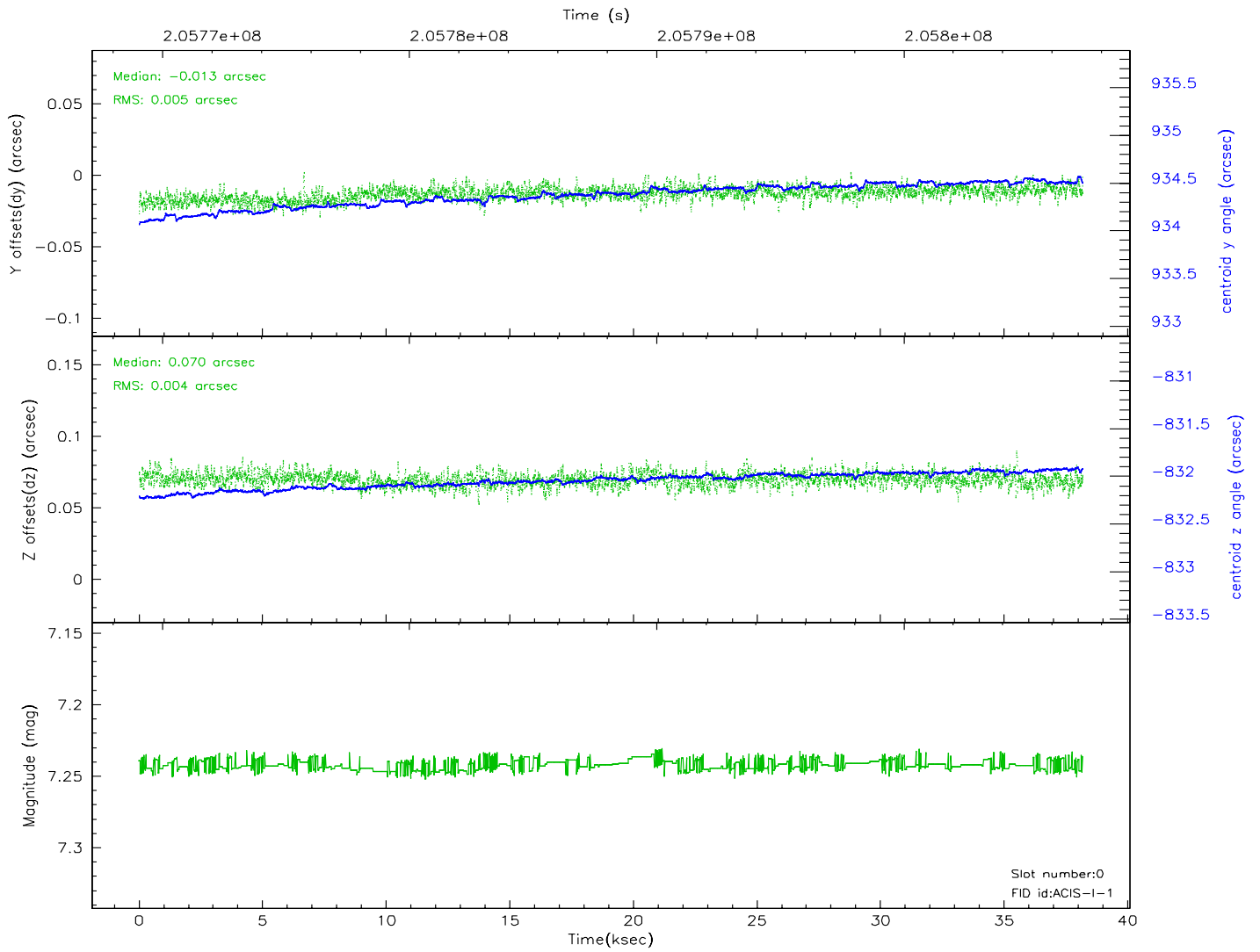
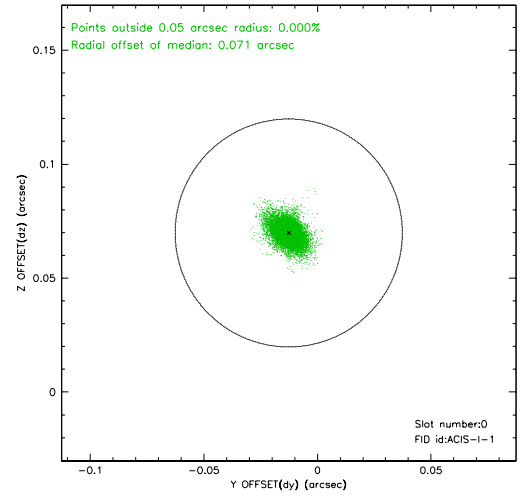
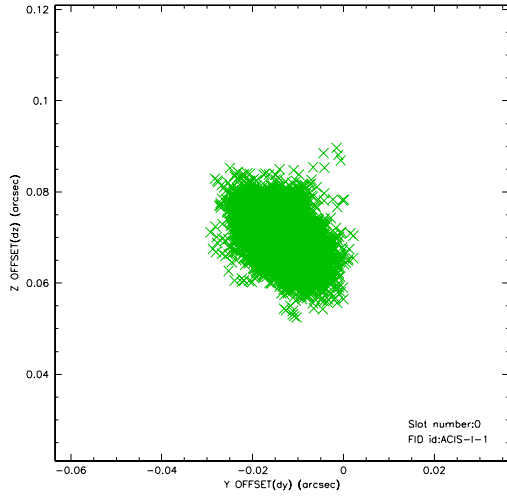


2.4.5 Slot 7

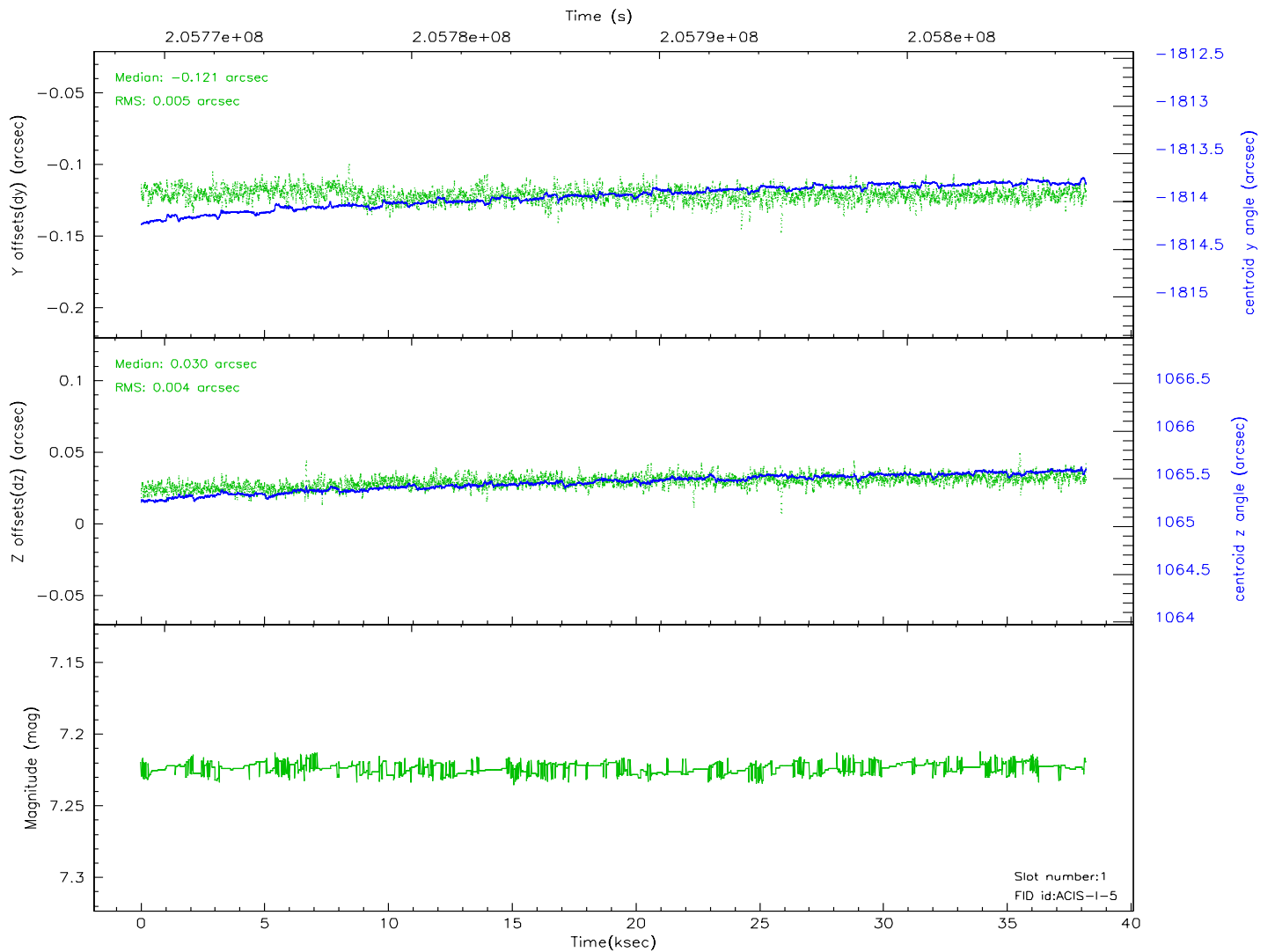
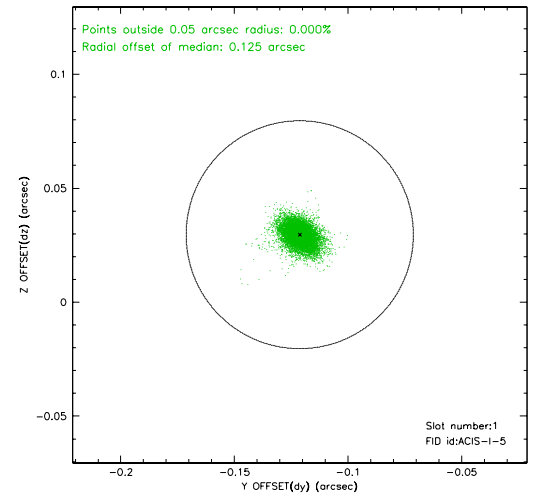
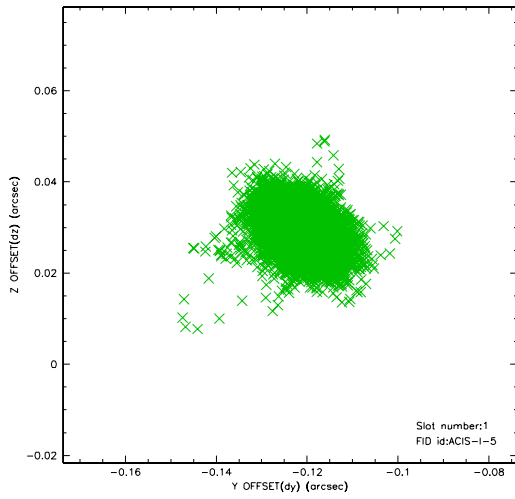


2.5 FID Slots

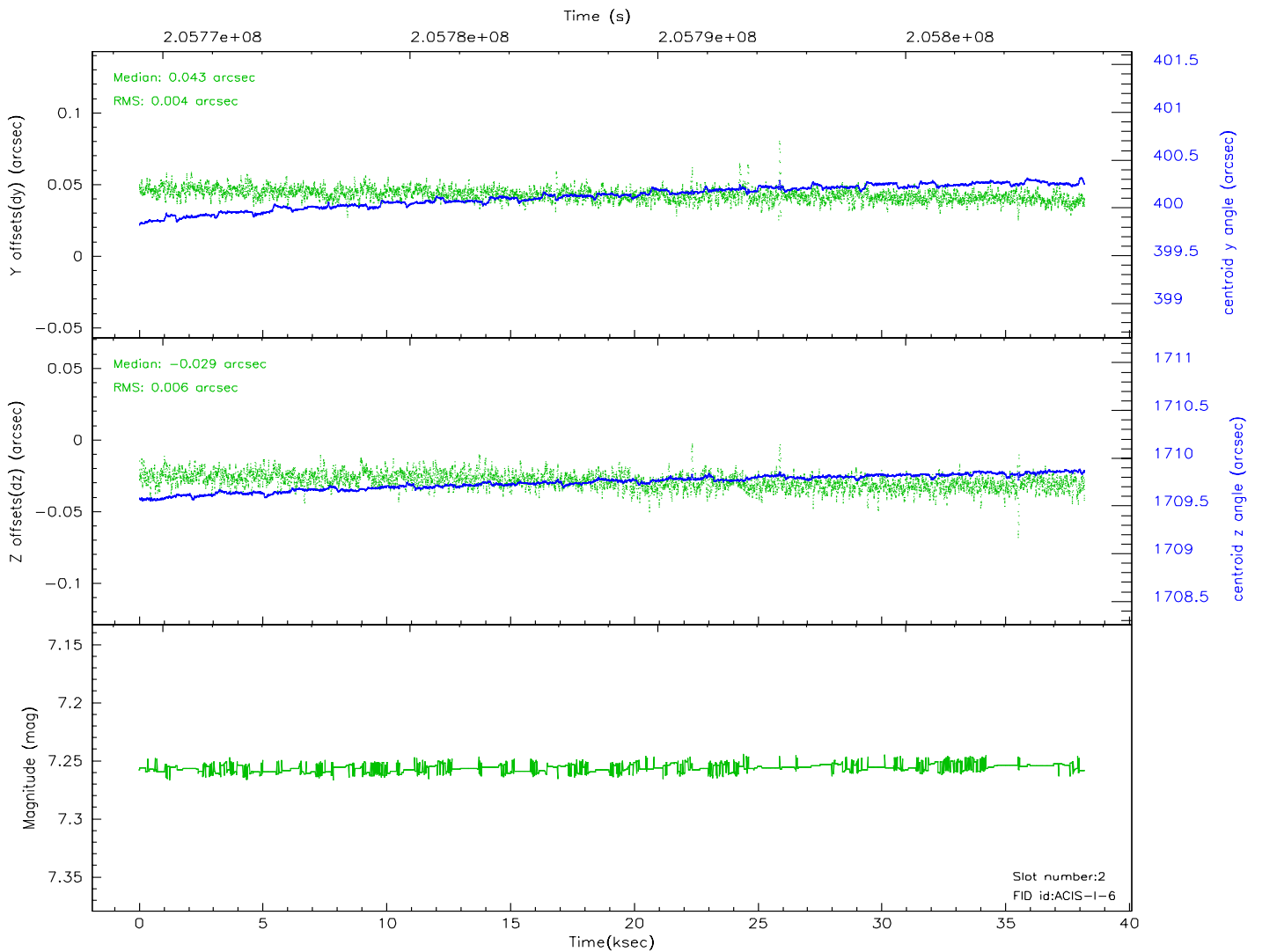
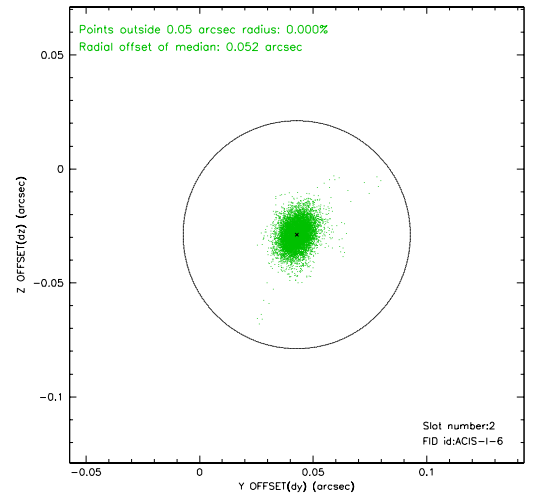
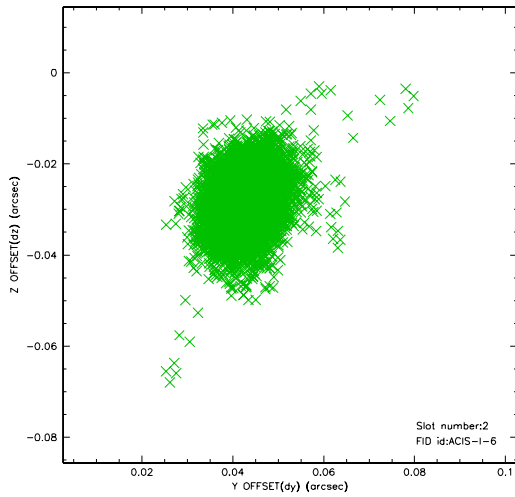
2.5.1 Slot 0



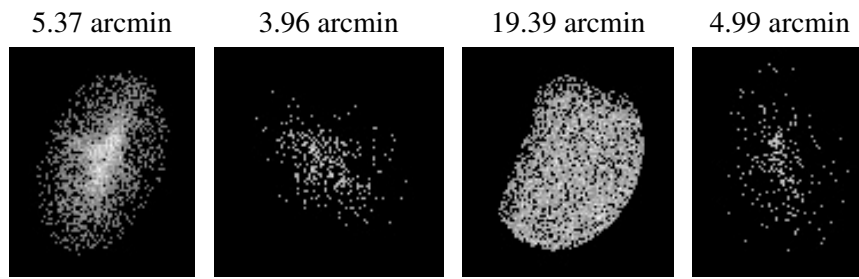
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.172

A.2 Comments