

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4201 - L2 Version 001
Chandra X-Ray Center

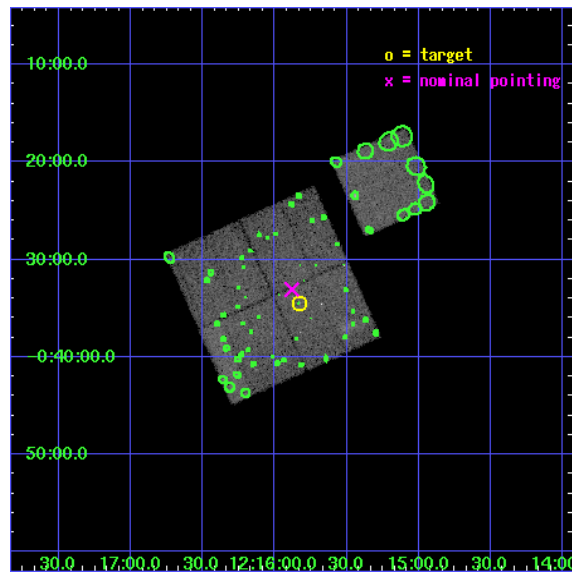
L2 Processing Date : Jun 28 2006

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1 Front

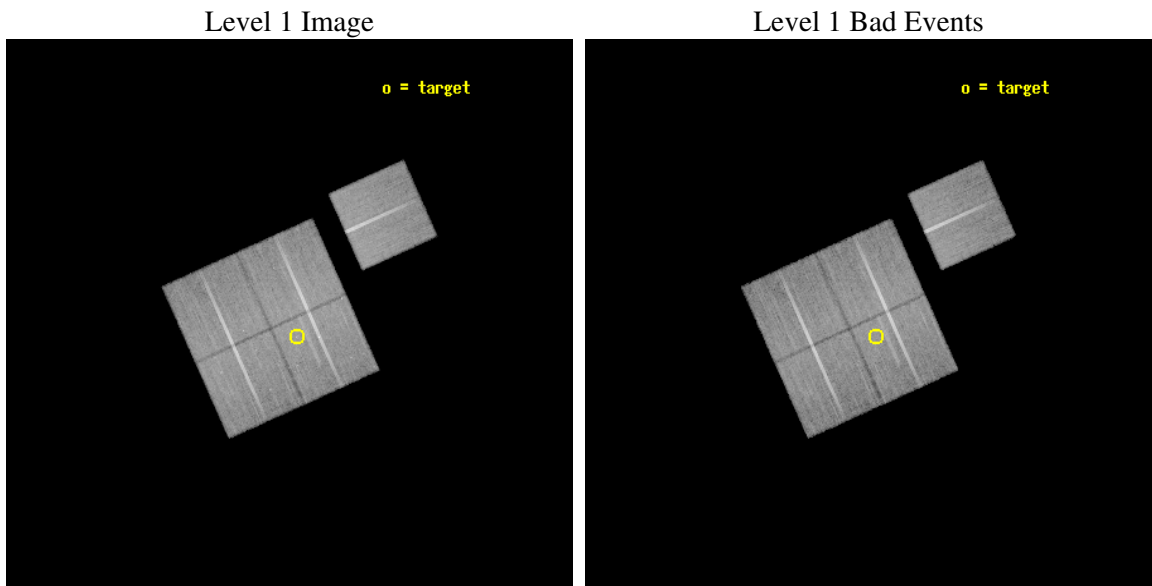
seq_num	800357
obs_id	4201
title	CHANDRA OBSERVATIONS OF A PROTOCLUSTER AT Z = 1.31
observer	DR. MICHAEL LIU
object	Q1213-0017
dtcycle	0
cycle	P
ra_targ	183.9575
dec_targ	-0.575556
ra_nom	183.97052731982
dec_nom	-0.55115789008859
roll_nom	65.833886058174
revision	2
ontime	45111.036002427
livetime	44521.627106794
ontime0	45098.472221136
ontime1	45107.895131797
ontime2	45117.318002641
ontime3	45111.036002427
ontime6	45101.613151461
l2events	112292



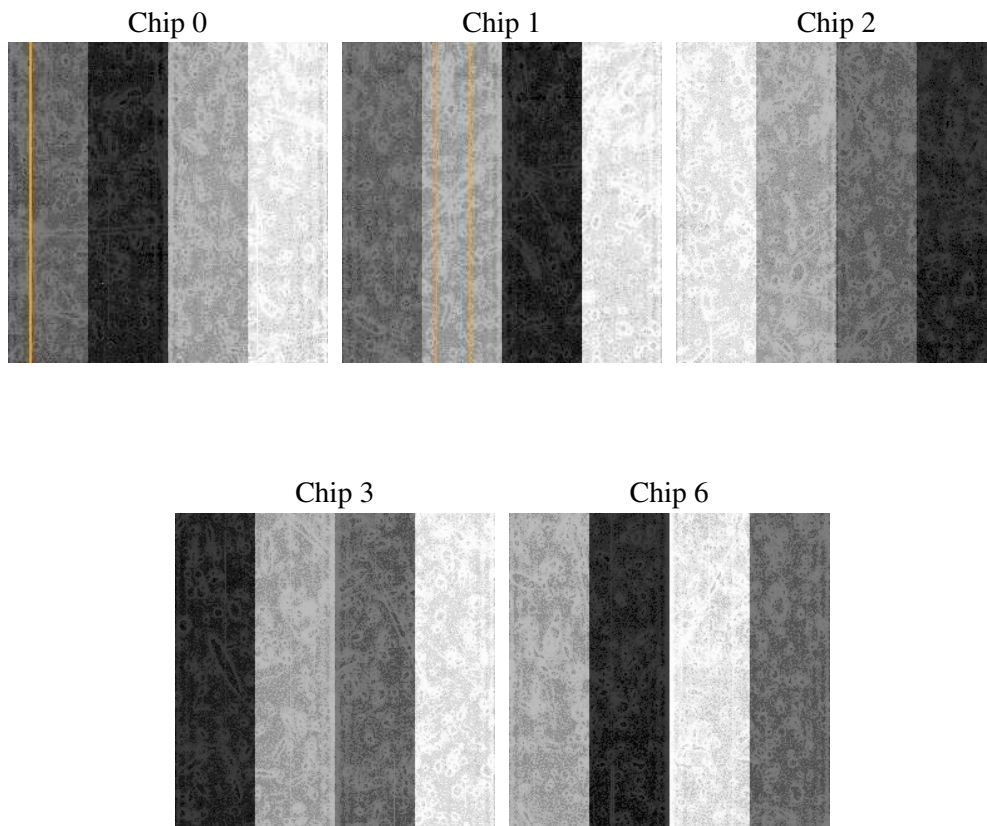
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-28T01:53:56
revision	2

sched_exp_time	45000.000000
ontime	45114.192195565
ontime0	45101.628414273
ontime1	45111.051324934
ontime2	45120.474195778
ontime3	45114.192195565
ontime6	45104.769344598
l1events	1045290

2.1.4 Events

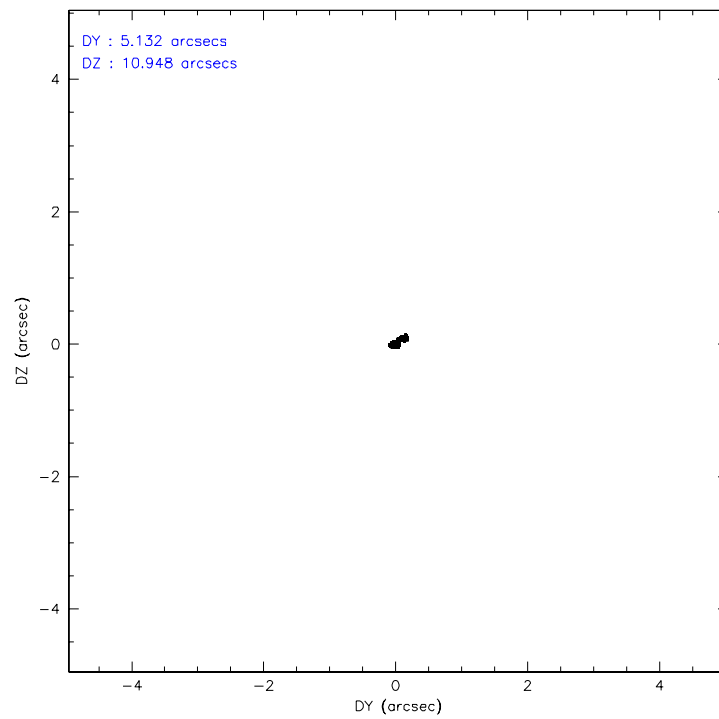
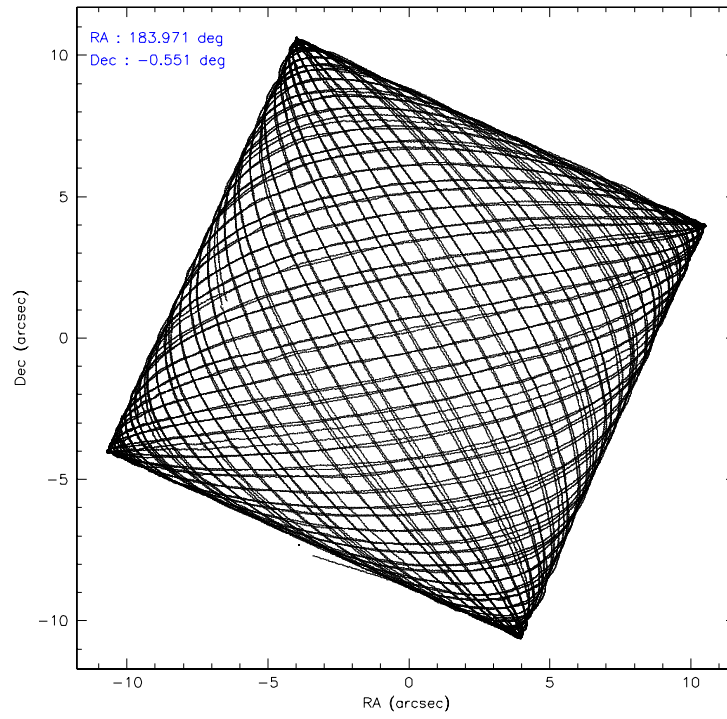
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	198142	200673	218039	213293	215143
rejected events	173680	171359	193249	187734	187216
rejected %	87%	85%	88%	88%	87%

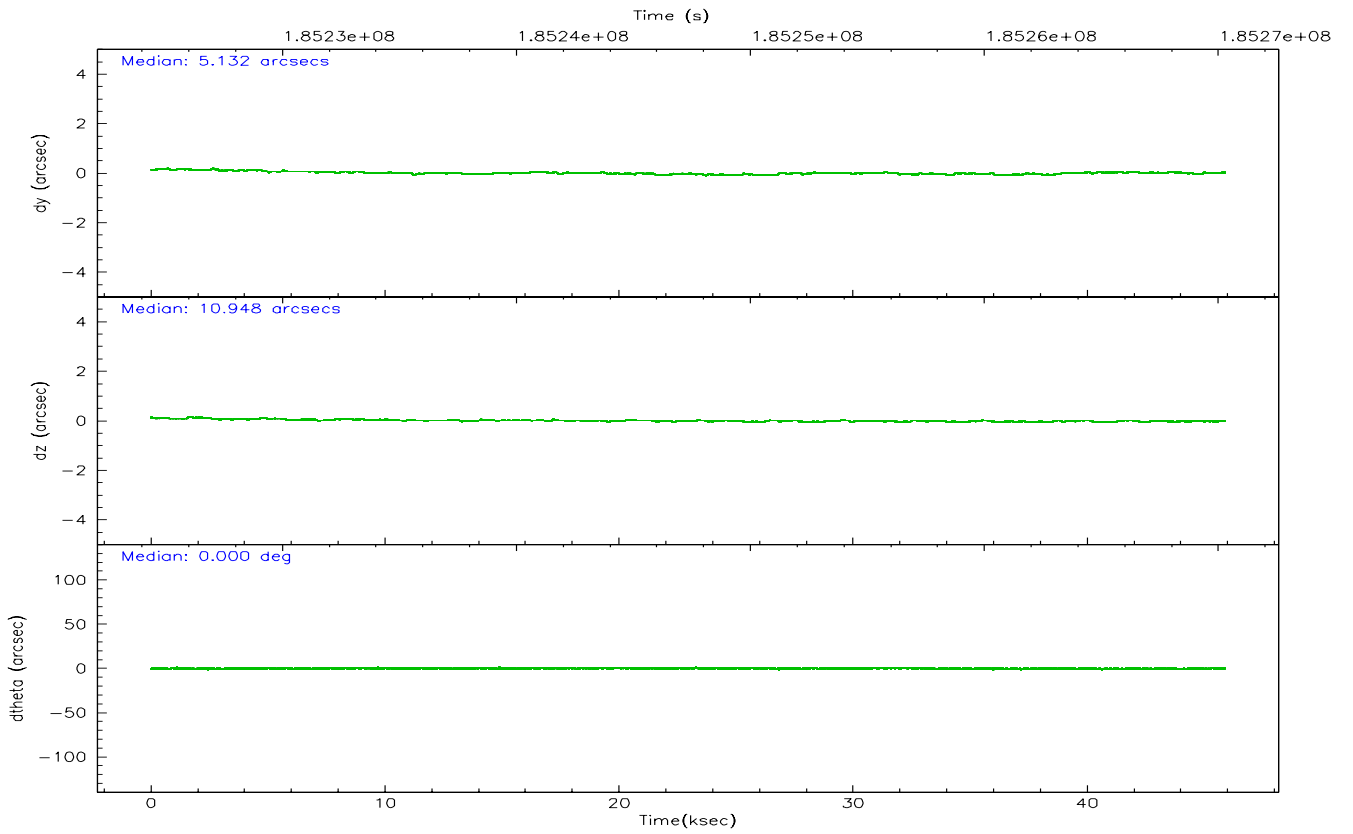
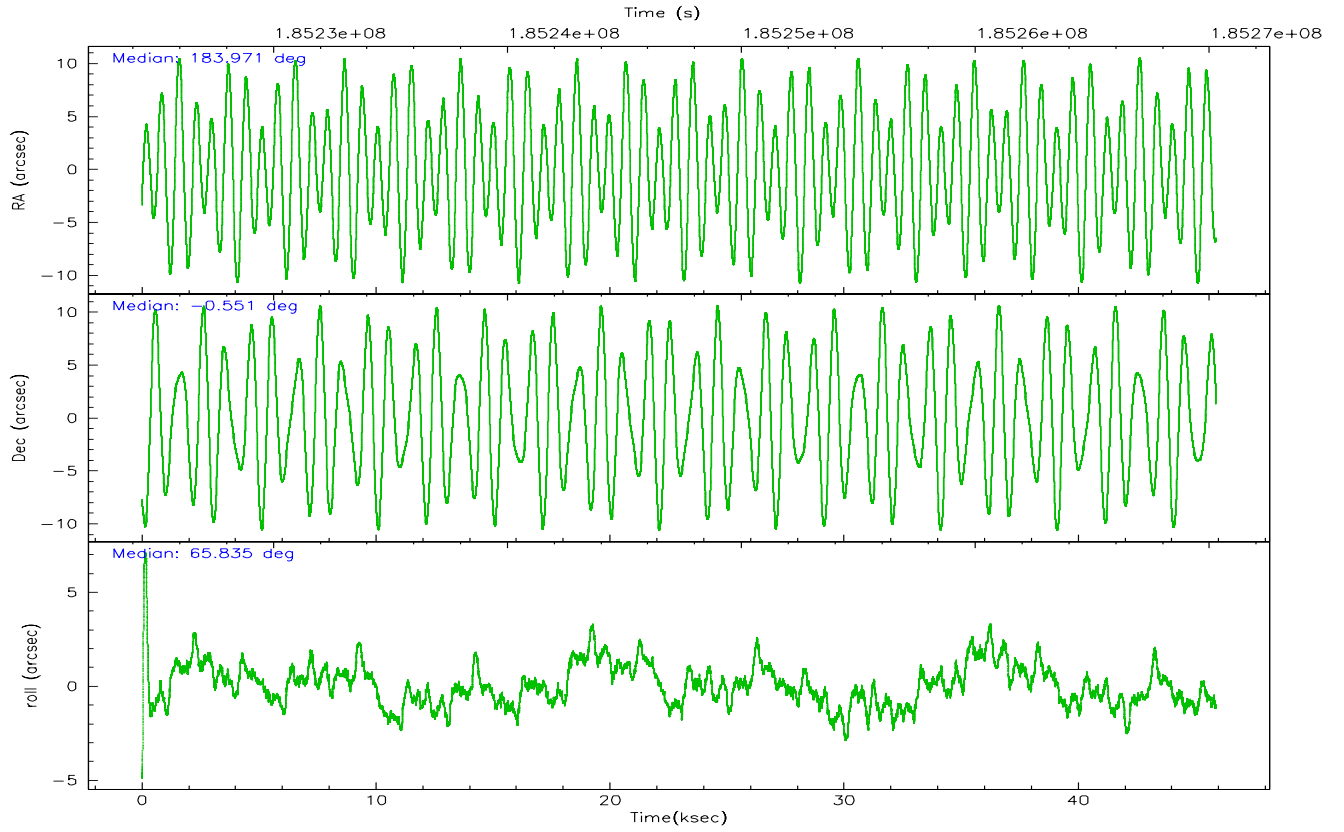
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	9947	12647	10592	11563	12647
	5%	6%	4%	5%	5%
grade 1 events	102	104	122	130	111
	0%	0%	0%	0%	0%
grade 2 events	5278	5850	5296	4746	5232
	2%	2%	2%	2%	2%
grade 3 events	2568	2765	2446	2510	2538
	1%	1%	1%	1%	1%
grade 4 events	2430	2813	2501	2495	2588
	1%	1%	1%	1%	1%
grade 5 events	7680	7915	7318	8516	8509
	3%	3%	3%	3%	3%
grade 6 events	4241	5246	3955	4247	4927
	2%	2%	1%	1%	2%
grade 7 events	165896	163333	185809	179086	178591
	83%	81%	85%	83%	83%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	183.973427	183.9705273198199	Alternating exposures requested	N	N
Pointing Dec	-0.578378	-0.5511578900885944	Primary exposure time	0.000000	3.1
Pointing Roll	65.625235	65.83388605817429			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-229.442463	-229.4438428438578			
SIM translation stage offset (mm)	-4.15	-4.148610159071865			
Observation start time	185225281.184000	185223967.54595			
Observation start date	2003-11-14T19:26:57	2003-11-14T19:06:07			
Observation end time	185270281.184000	185271109.86049			
Observation end date	2003-11-15T07:56:57	2003-11-15T08:11:49			
Read mode	TIMED	TIMED			

2.3 Aspect



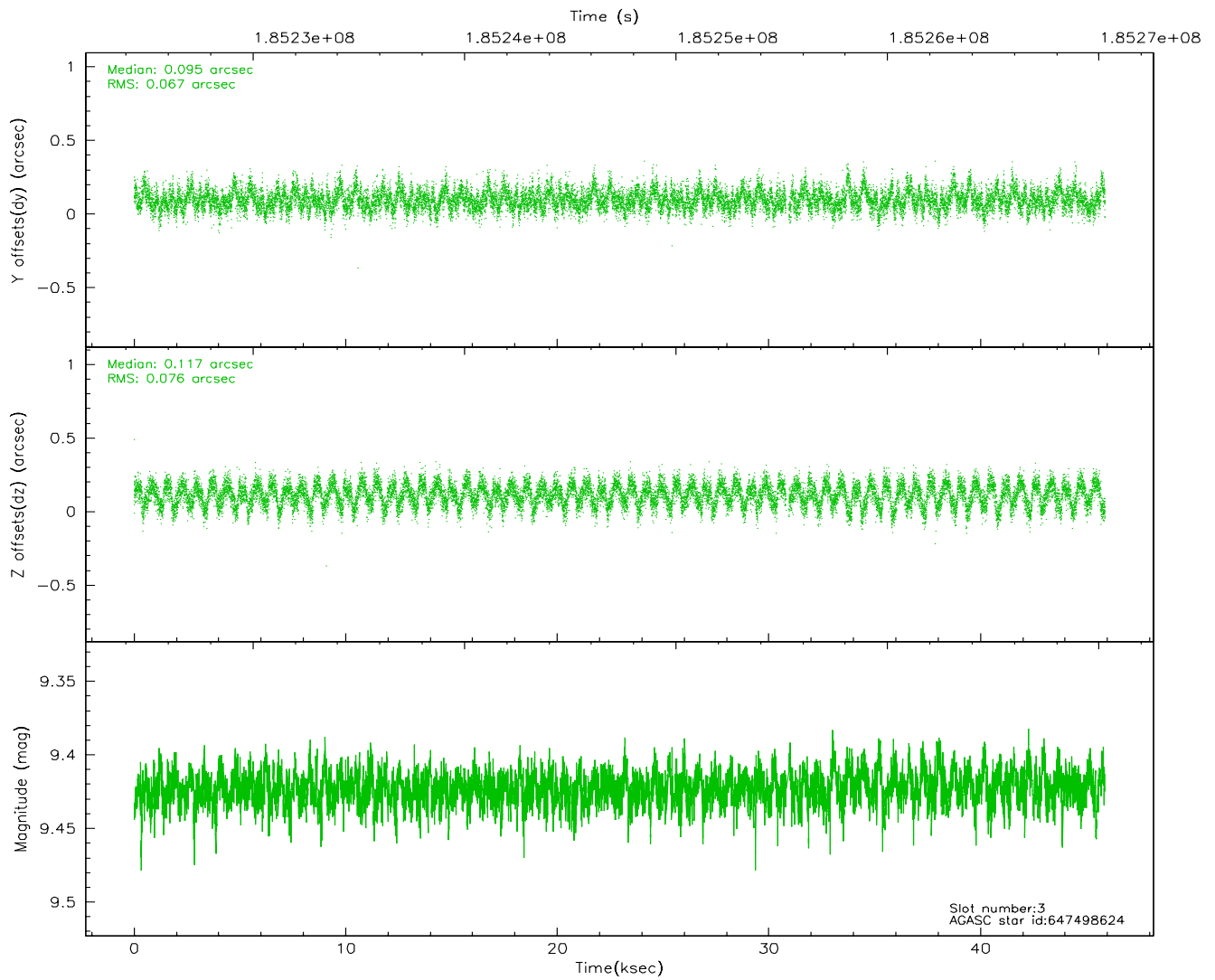
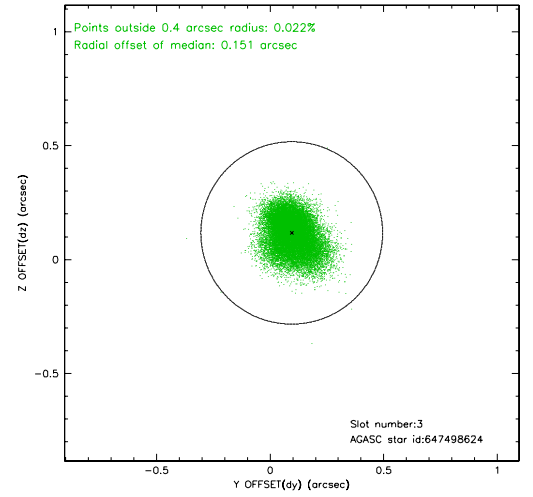
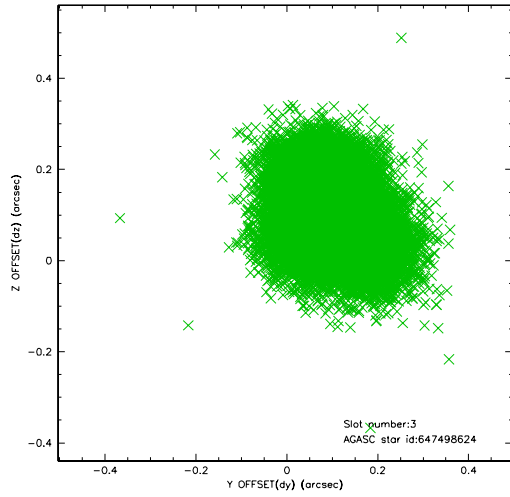


Slot Statistics

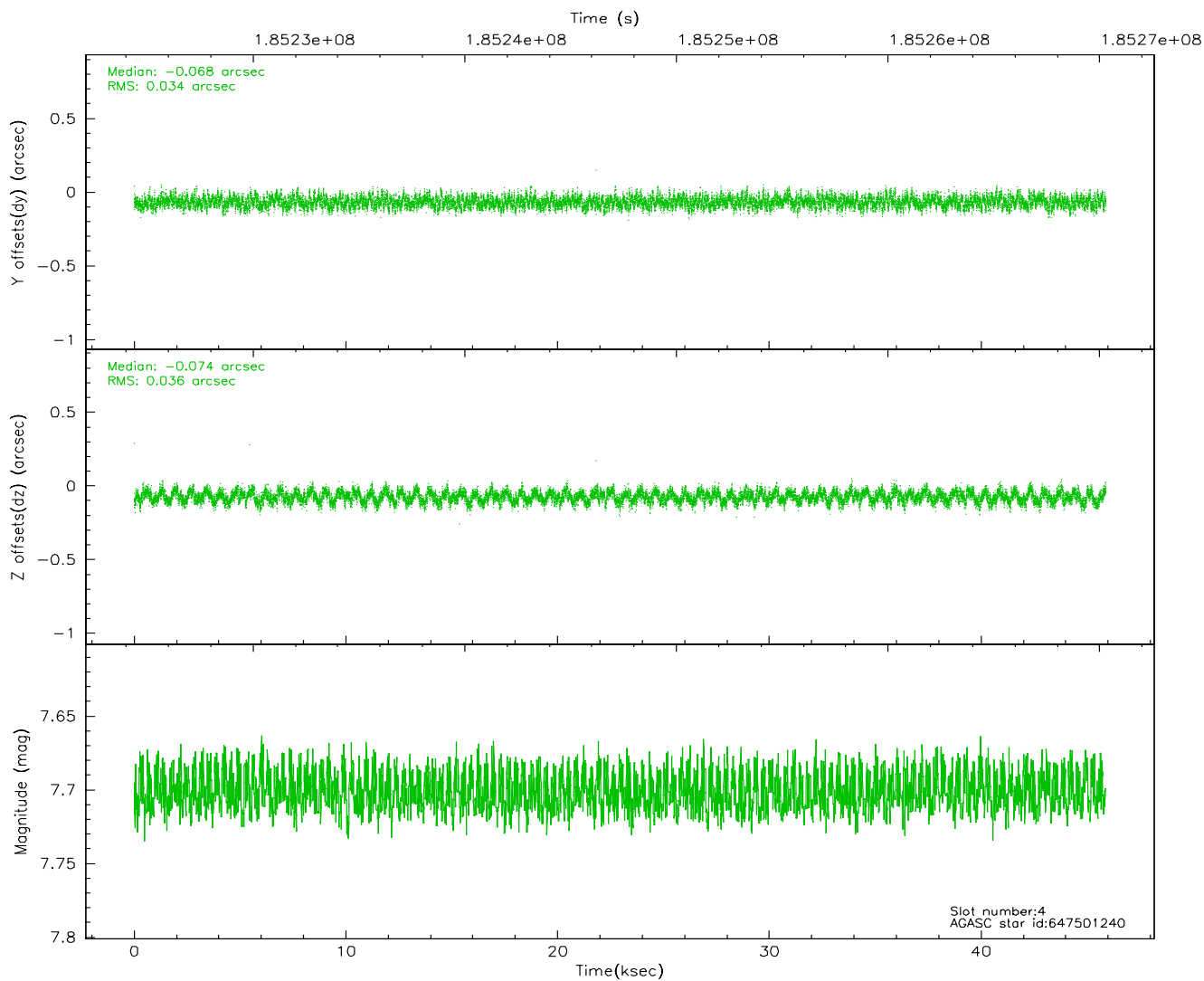
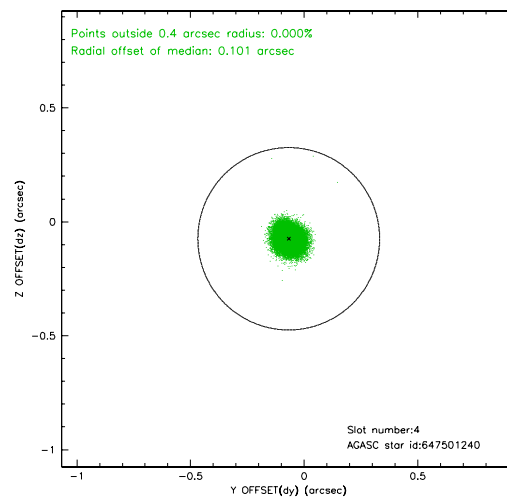
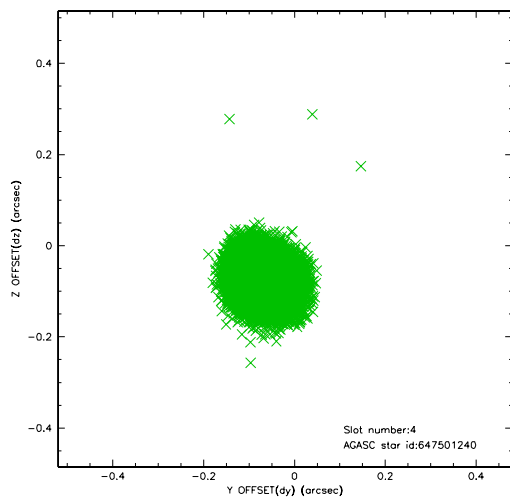
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	11182	0.069	0.001	0.006	0.010	0.000000	0.000000	934.55	-919.60
1	FID	ACIS-I-5	7.22	11182	-0.188	0.087	0.006	0.010	0.000000	0.000000	-1813.75	978.06
2	FID	ACIS-I-6	7.25	11183	0.029	-0.017	0.007	0.012	0.000000	0.000000	400.15	1622.38
3	GUIDE	647498624	9.42	22293	0.095	0.117	0.107	0.175	183.646001	-0.994152	-1849.76	456.13
4	GUIDE	647501240	7.70	22370	-0.068	-0.074	0.053	0.083	183.470041	-0.639090	-947.22	1560.62
5	GUIDE	647501584	8.80	22364	0.044	0.020	0.065	0.105	183.751277	-0.660960	-600.93	605.90
6	GUIDE	647502584	8.80	22367	-0.058	0.027	0.062	0.099	183.850670	-0.266758	839.33	865.82
7	GUIDE	647502624	9.16	22359	-0.018	-0.083	0.095	0.148	183.472477	-0.393485	-138.05	1917.46

2.4 Star Slots

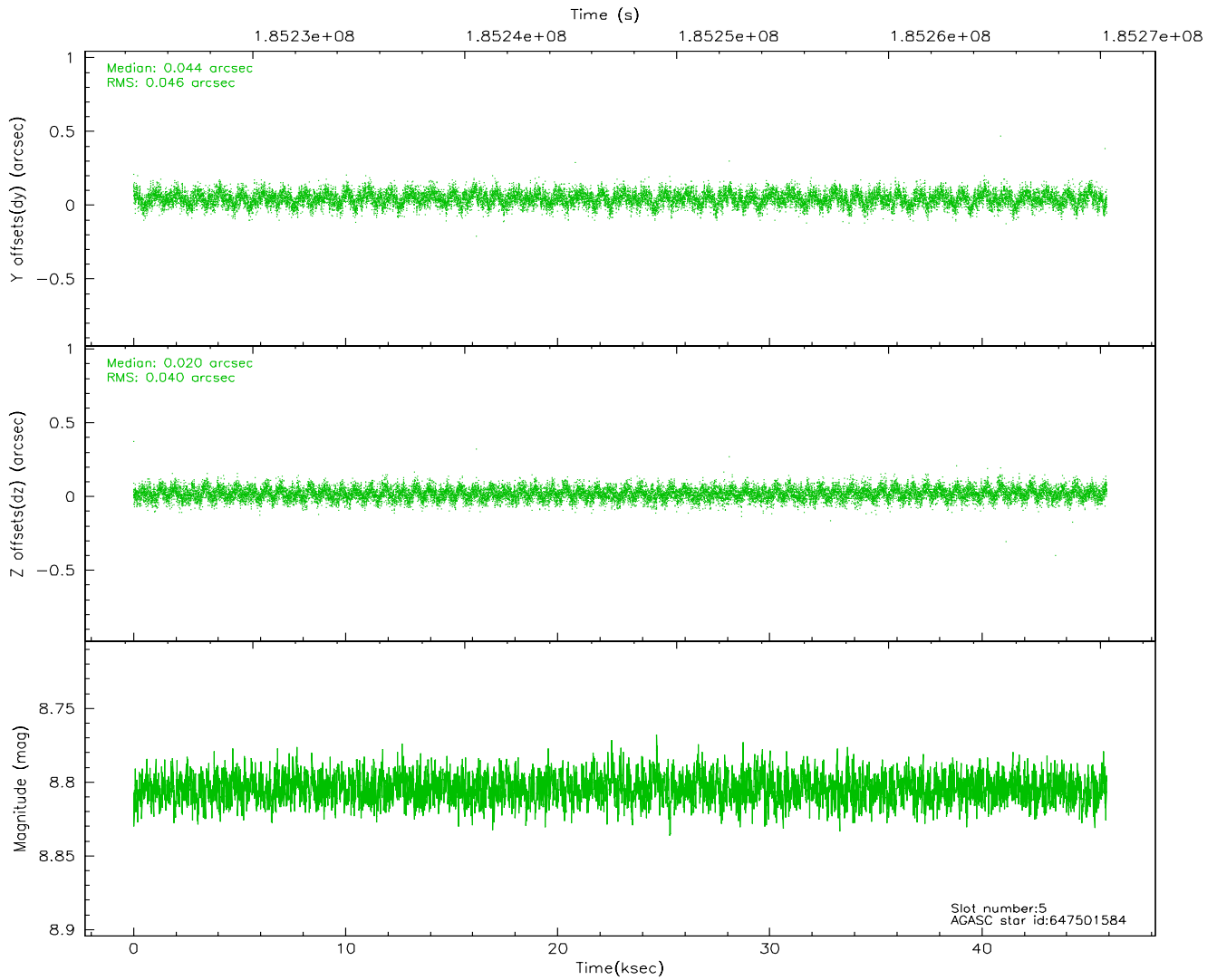
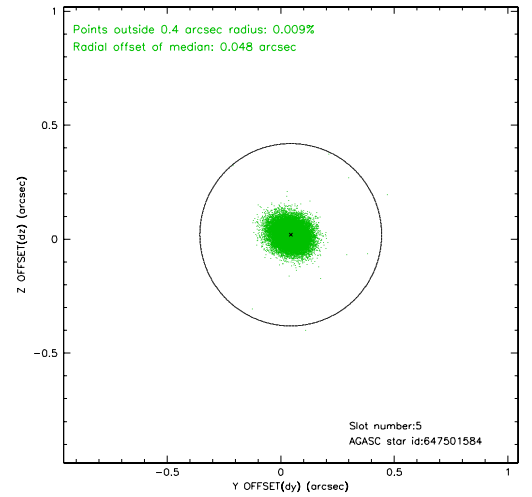
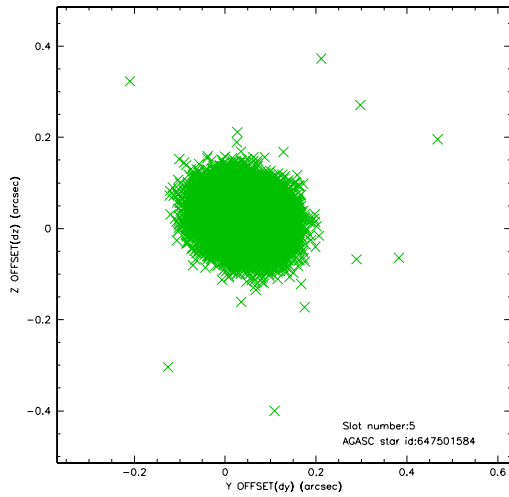
2.4.1 Slot 3



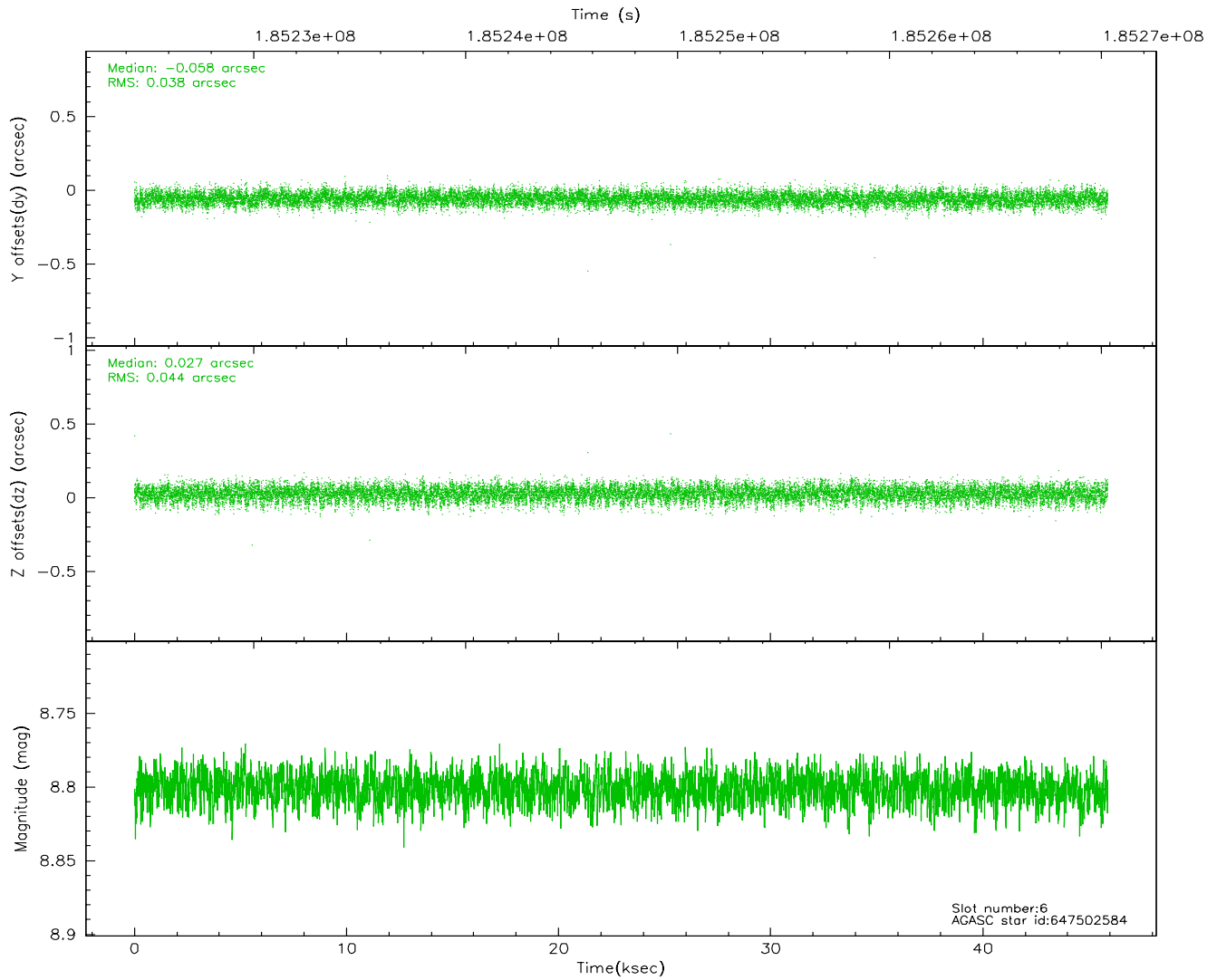
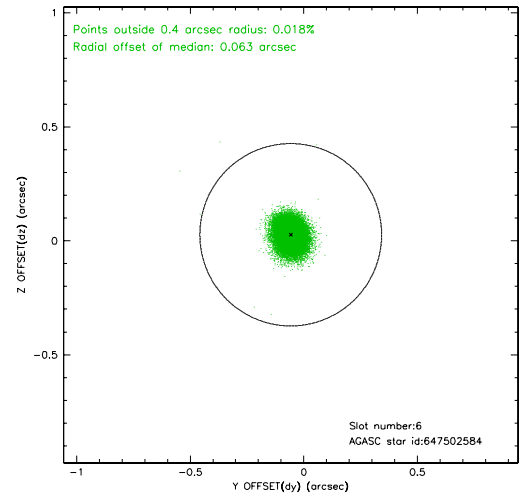
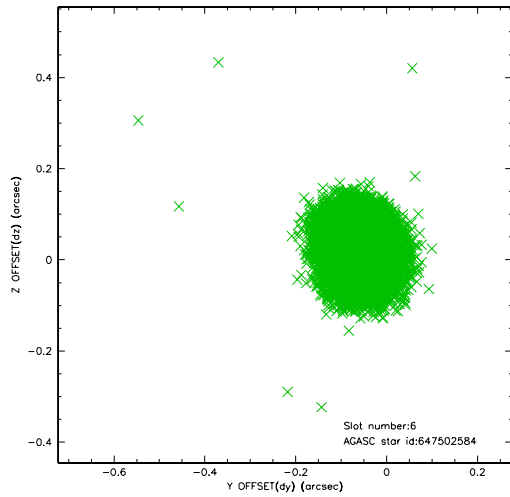
2.4.2 Slot 4



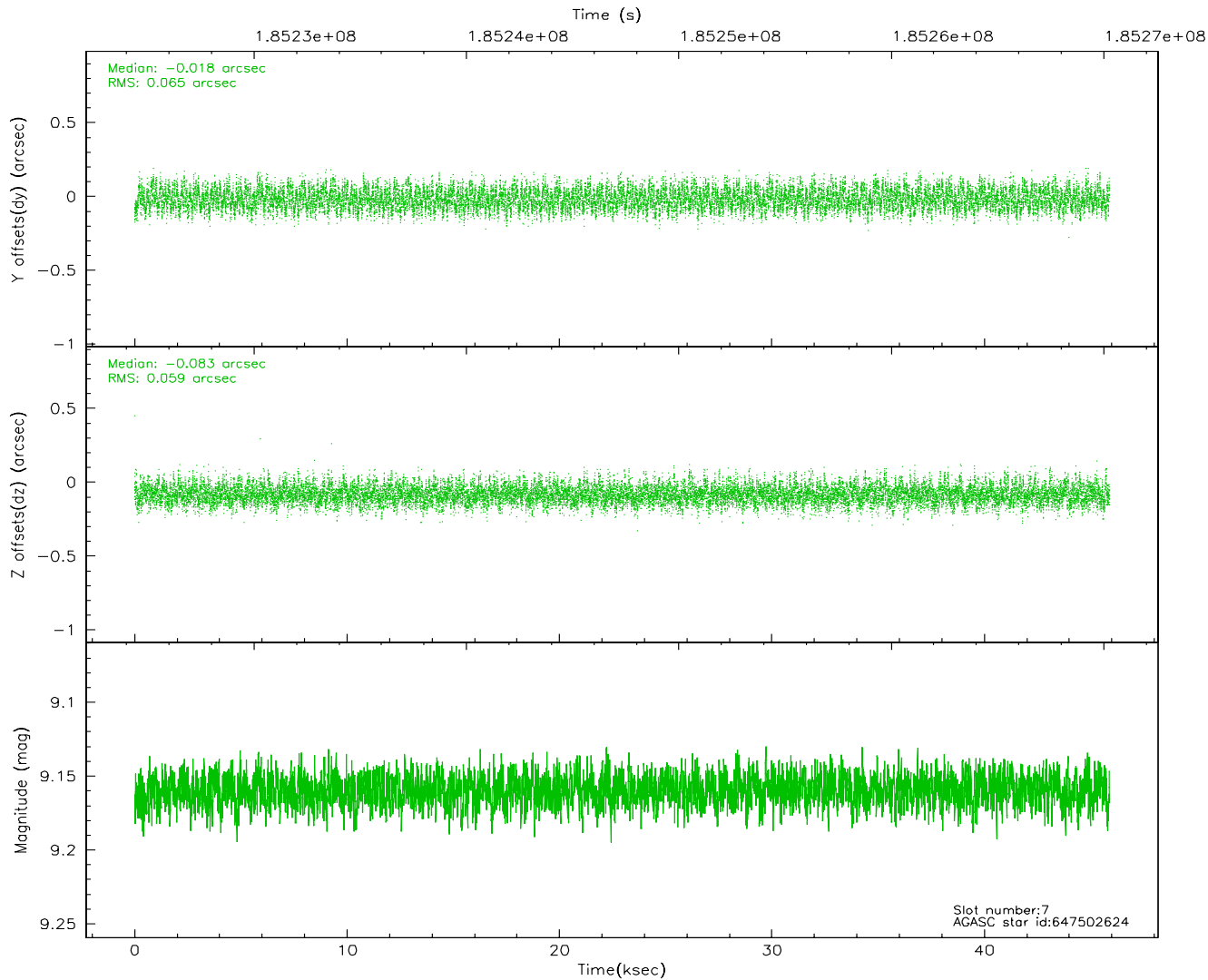
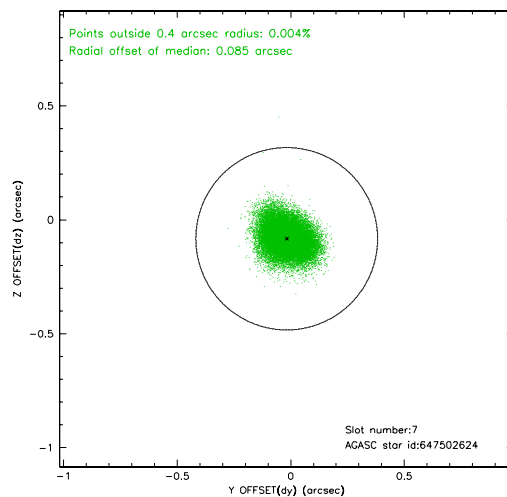
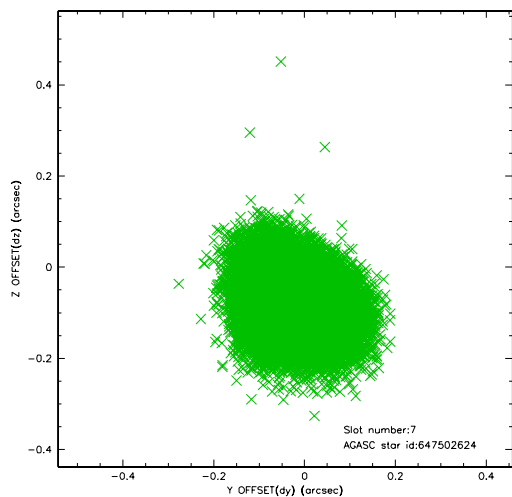
2.4.3 Slot 5



2.4.4 Slot 6

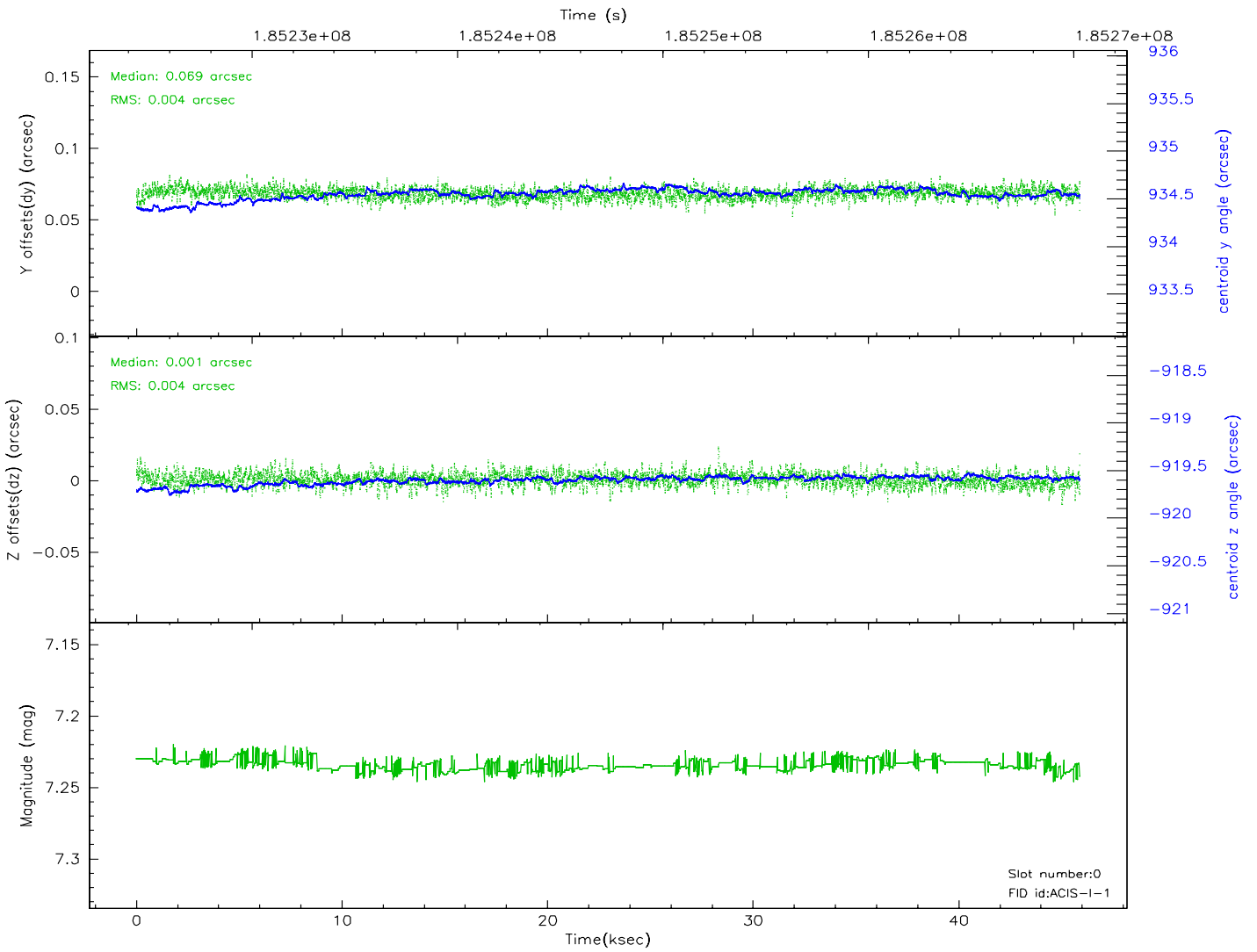
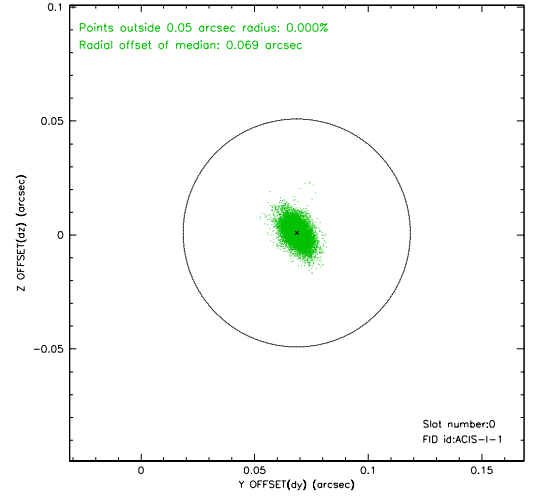
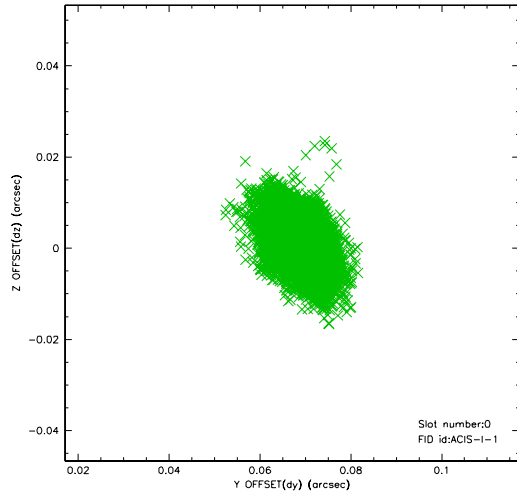


2.4.5 Slot 7

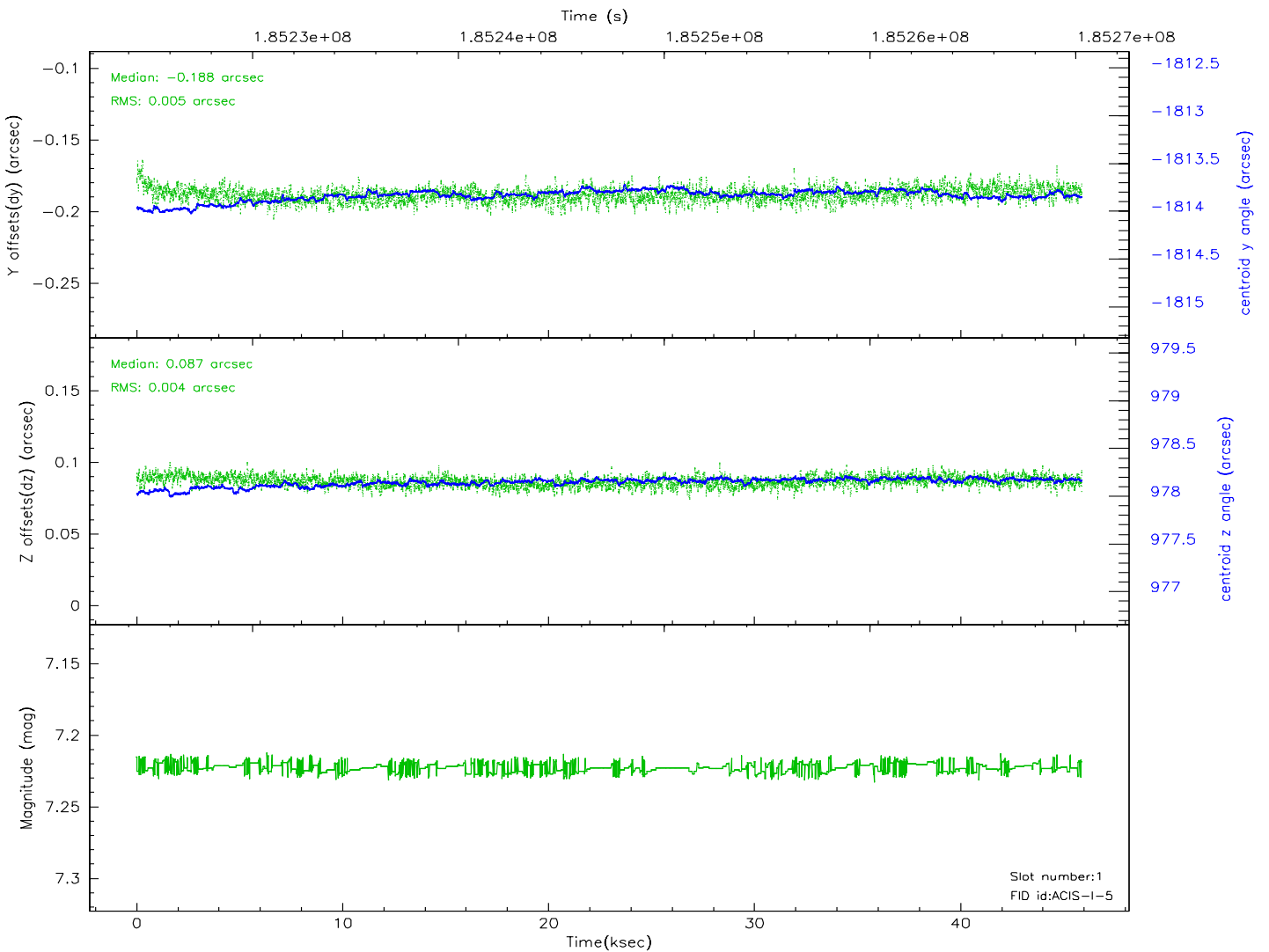
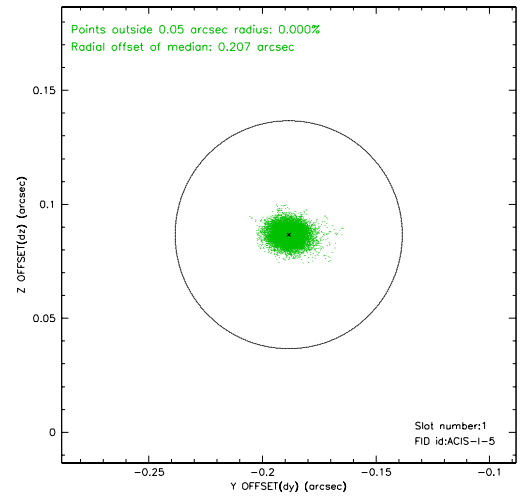
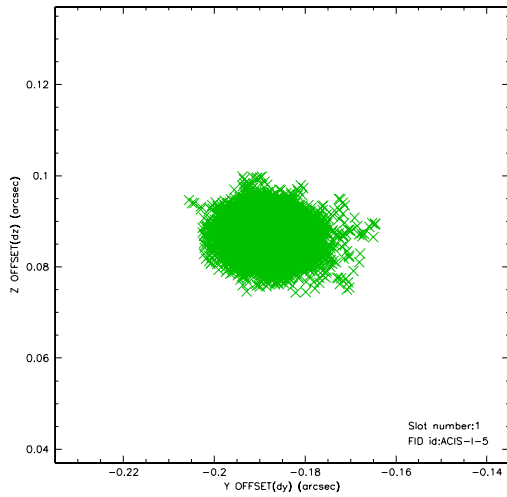


2.5 FID Slots

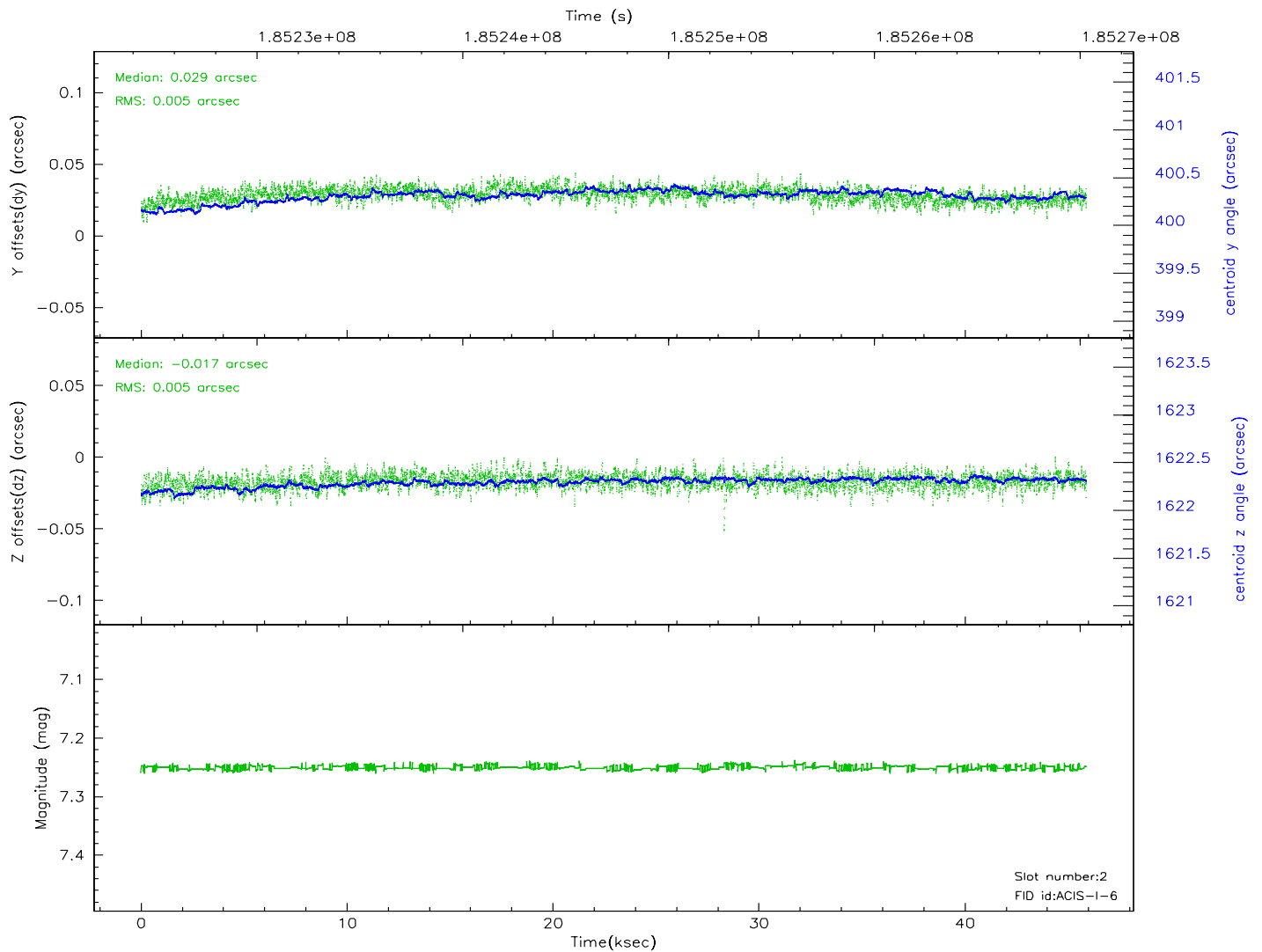
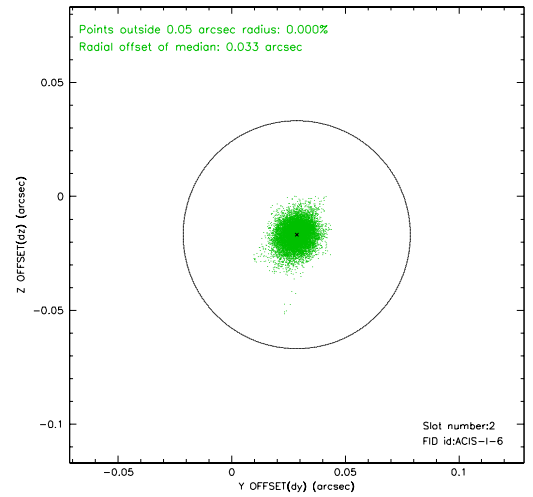
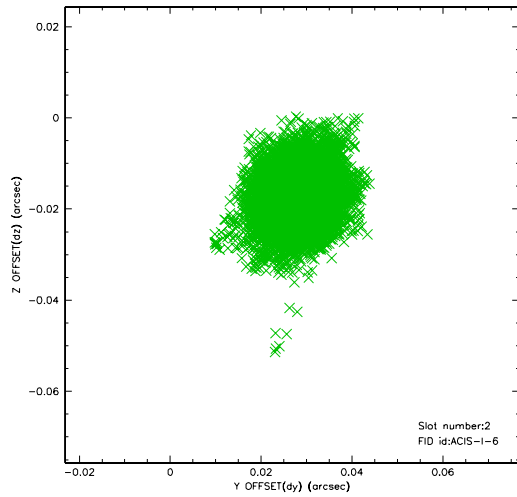
2.5.1 Slot 0



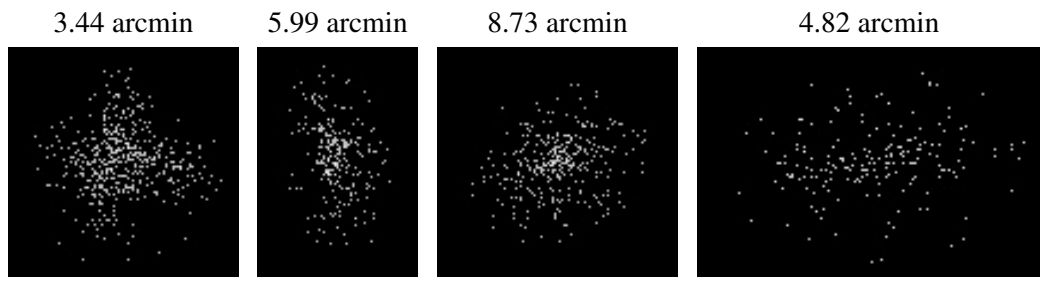
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.111

A.2 Comments