

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2207 - L2 Version 001
Chandra X-Ray Center

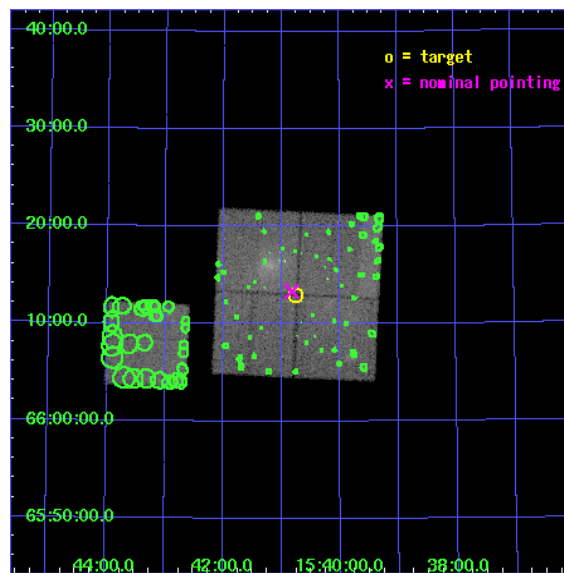
L2 Processing Date : Dec 21 2006

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1 Front

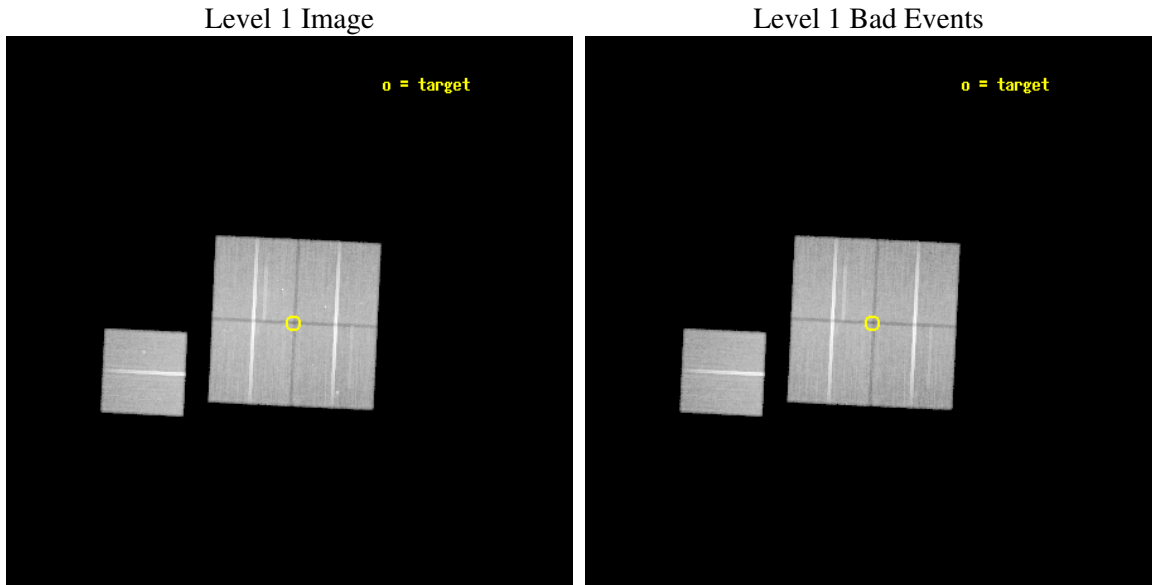
seq_num	800146
obs_id	2207
title	ACTIVE GALAXIES AND THEIR IGM ENVIRONS IN THE LARGE-SCALE A2125 COMPLEX AT Z=0.25
observer	Prof. Q. Daniel Wang
object	A2125
dtcycle	0
cycle	P
ra_targ	235.1875
dec_targ	66.216667
ra_nom	235.20632563453
dec_nom	66.222318497221
roll_nom	272.71358941153
revision	3
ontime	82586.813039705
livetime	81507.755527814
ontime0	82593.095000088
ontime1	82596.235980272
ontime2	82602.517880842
ontime3	82586.813039705
ontime6	82599.337143138
l2events	195432



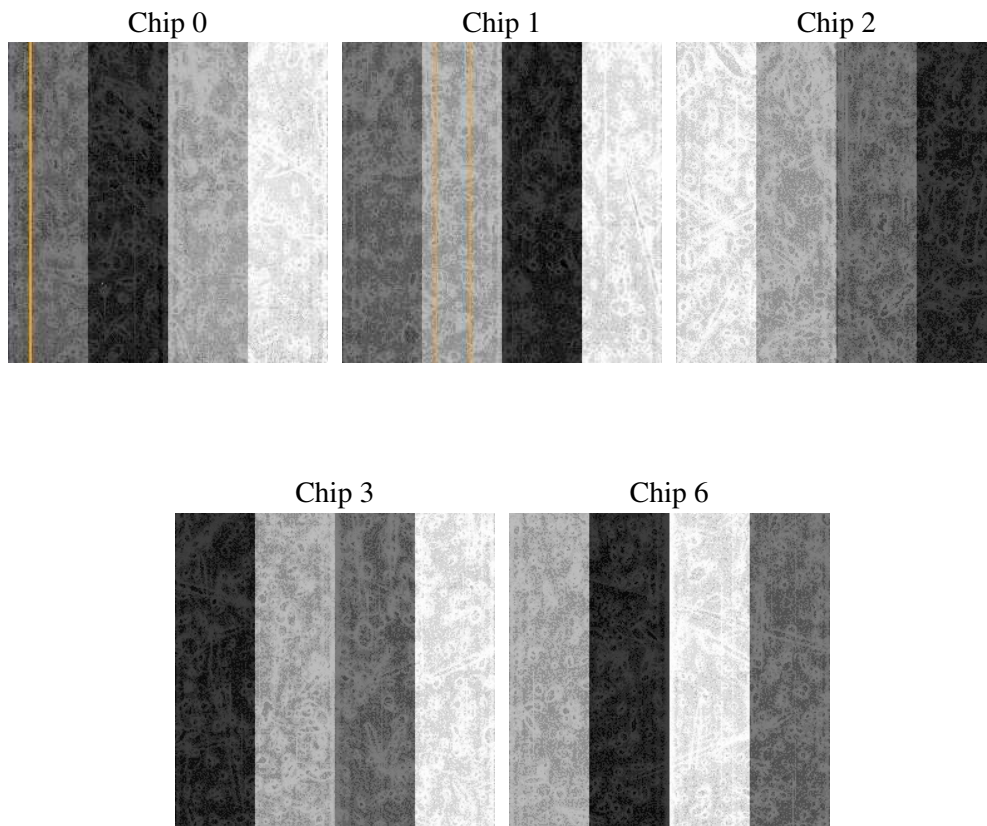
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-21T22:02:16
revision	3

sched_exp_time	82500.000000
ontime	82589.426589653
ontime0	82595.708550036
ontime1	82598.849560127
ontime2	82605.13143079
ontime3	82589.426589653
ontime6	82601.990540296
l1events	2297893

2.1.4 Events

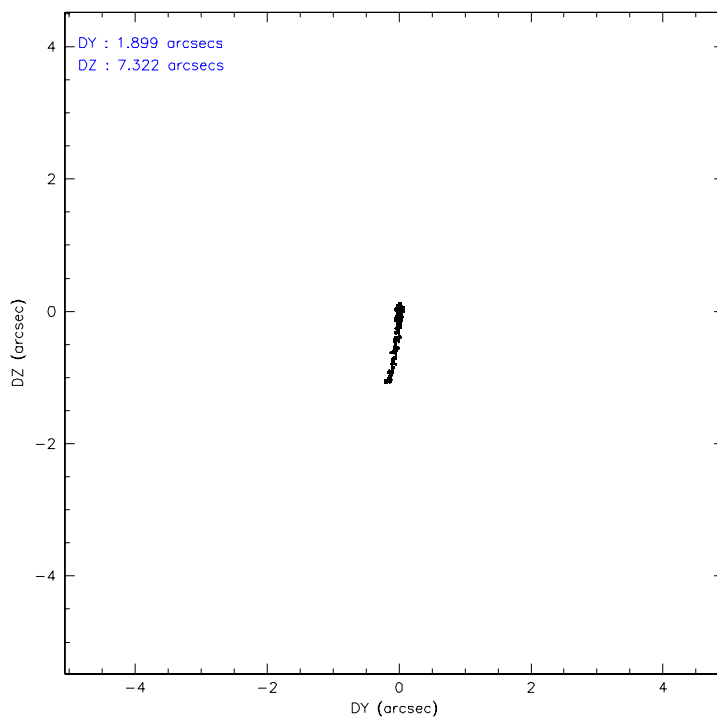
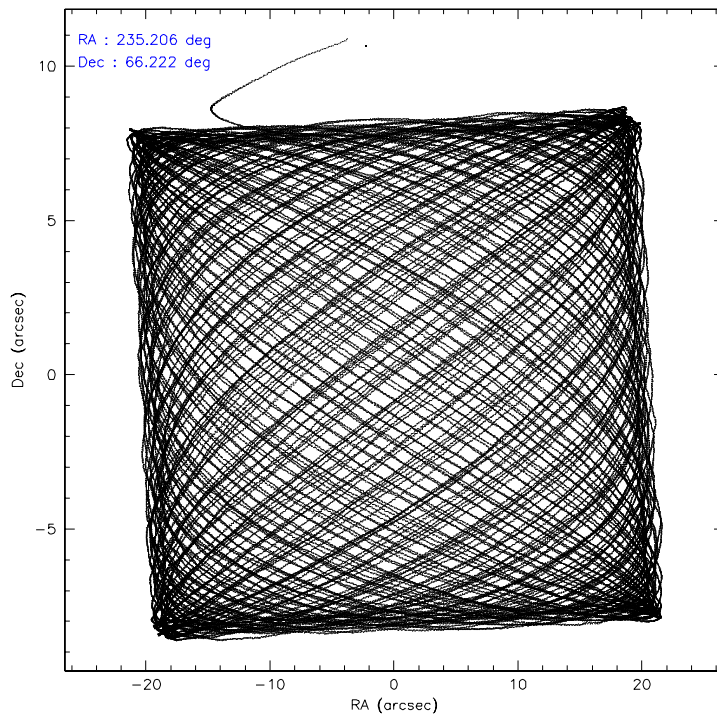
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	434560	432584	486740	478372	465637
rejected events	387336	381609	442370	428793	420696
rejected %	89%	88%	90%	89%	90%

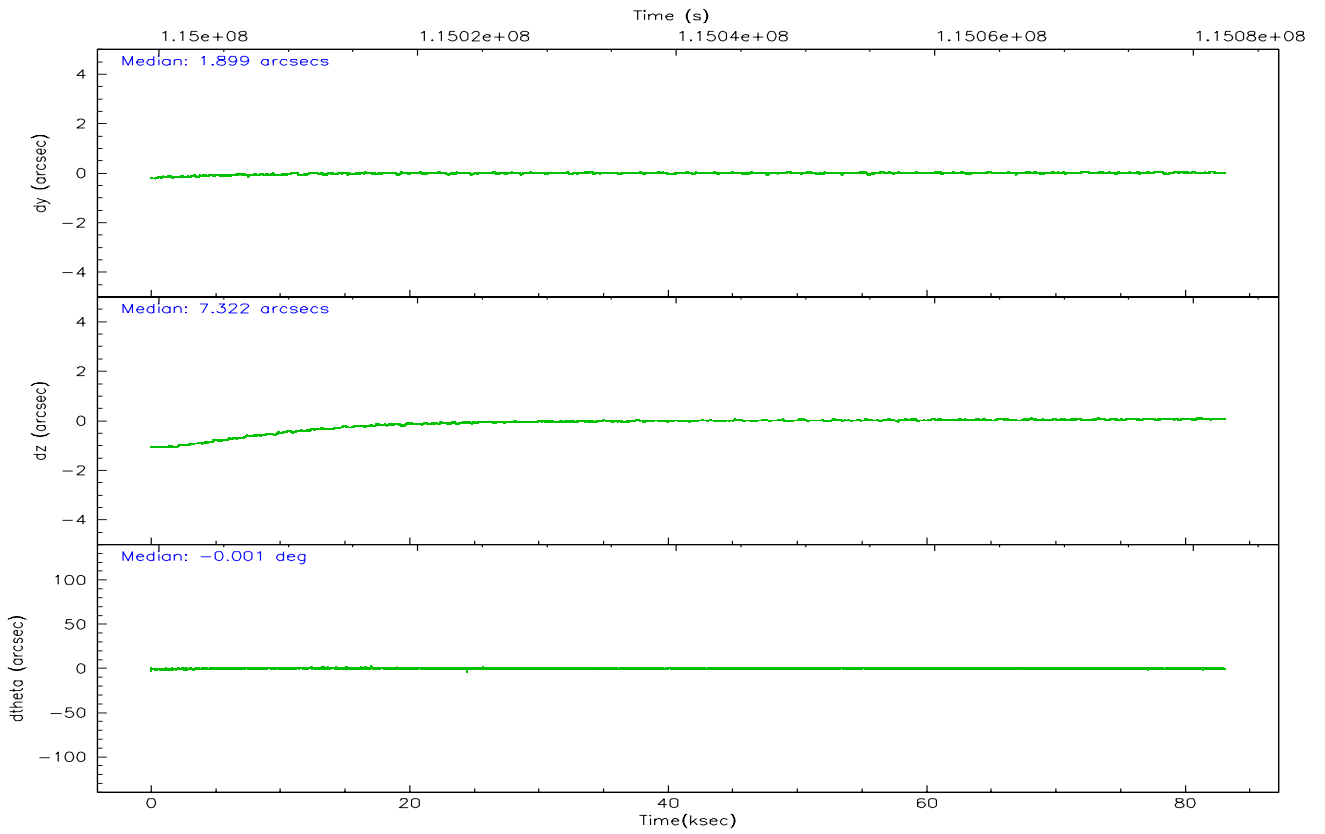
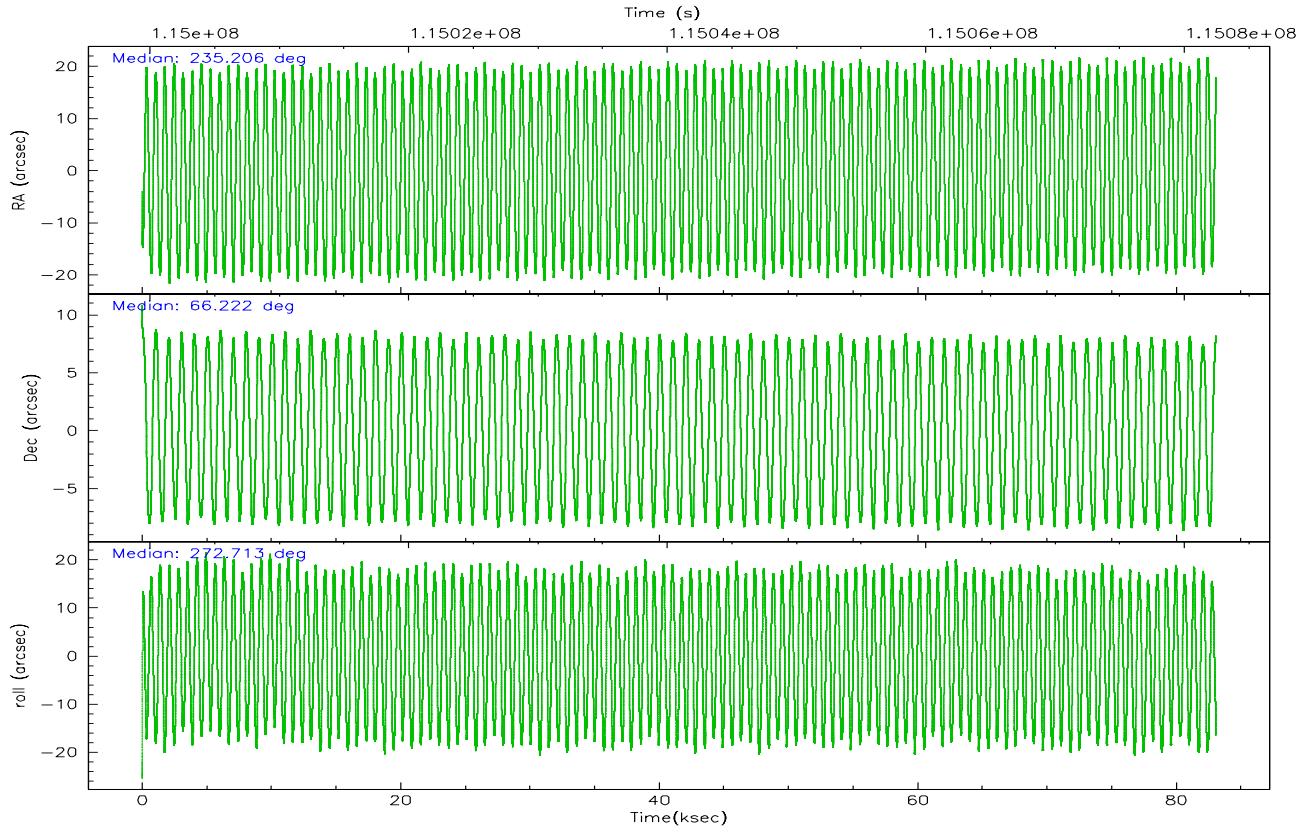
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	17685	19825	16075	21420	15977
	4%	4%	3%	4%	3%
grade 1 events	192	209	193	203	204
	0%	0%	0%	0%	0%
grade 2 events	10447	10133	10262	9525	9411
	2%	2%	2%	1%	2%
grade 3 events	5397	5780	4875	5205	5102
	1%	1%	1%	1%	1%
grade 4 events	5160	5726	4882	4901	5053
	1%	1%	1%	1%	1%
grade 5 events	14262	15484	13301	15488	16065
	3%	3%	2%	3%	3%
grade 6 events	8537	9511	8278	8534	9402
	1%	2%	1%	1%	2%
grade 7 events	372880	365916	428874	413096	404423
	85%	84%	88%	86%	86%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	235.169463	235.2063256345297	Subarray requested	NONE	NONE
Pointing Dec	66.245371	66.22231849722107	Alternating exposures requested	N	N
Pointing Roll	272.538643	272.7135894115258	Primary exposure time	0.000000	3.1
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	114999965.184000	114998797.17736			
Observation start date	2001-08-24T00:25:01	2001-08-24T00:06:37			
Observation end time	115082465.184000	115082804.64318			
Observation end date	2001-08-24T23:20:01	2001-08-24T23:26:44			
Read mode	TIMED	TIMED			

2.3 Aspect



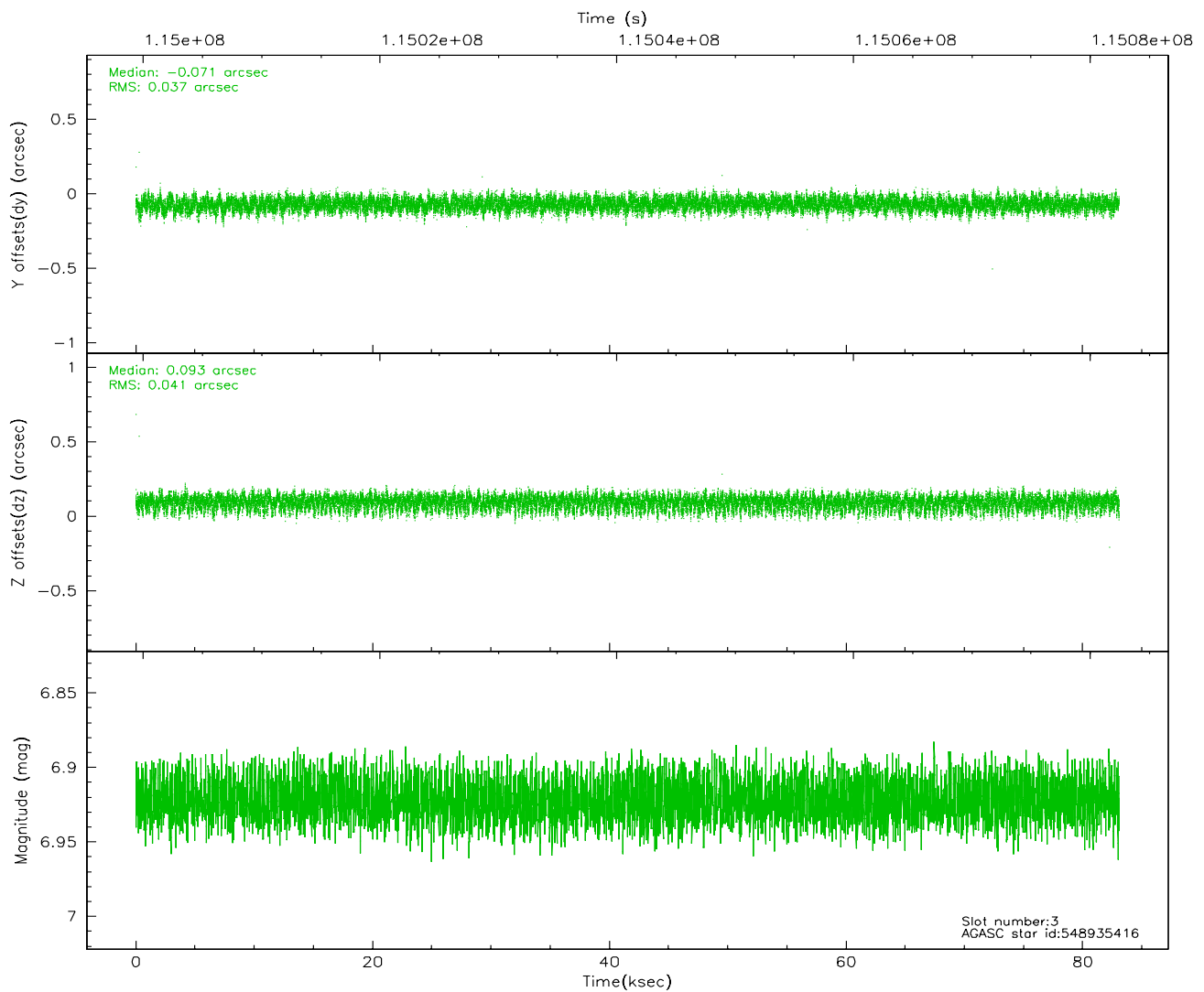
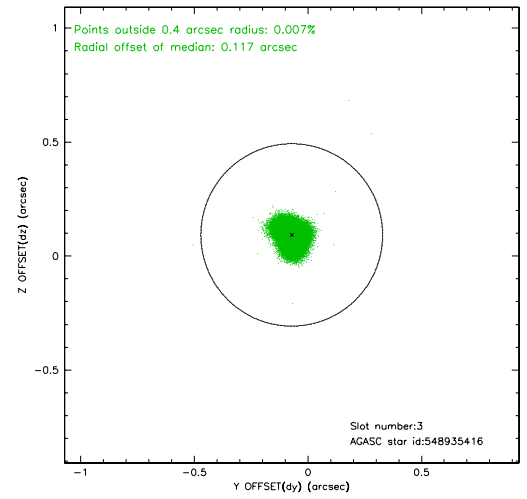
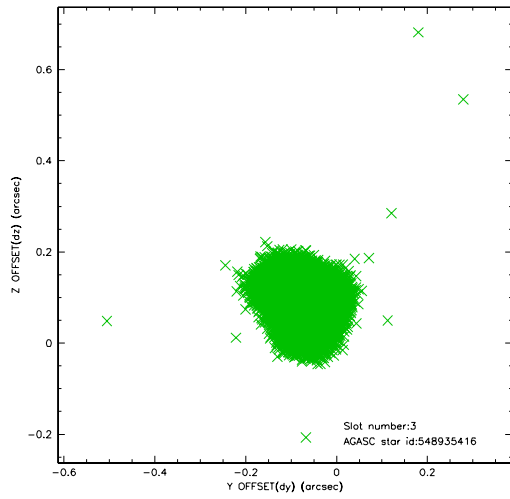


Slot Statistics

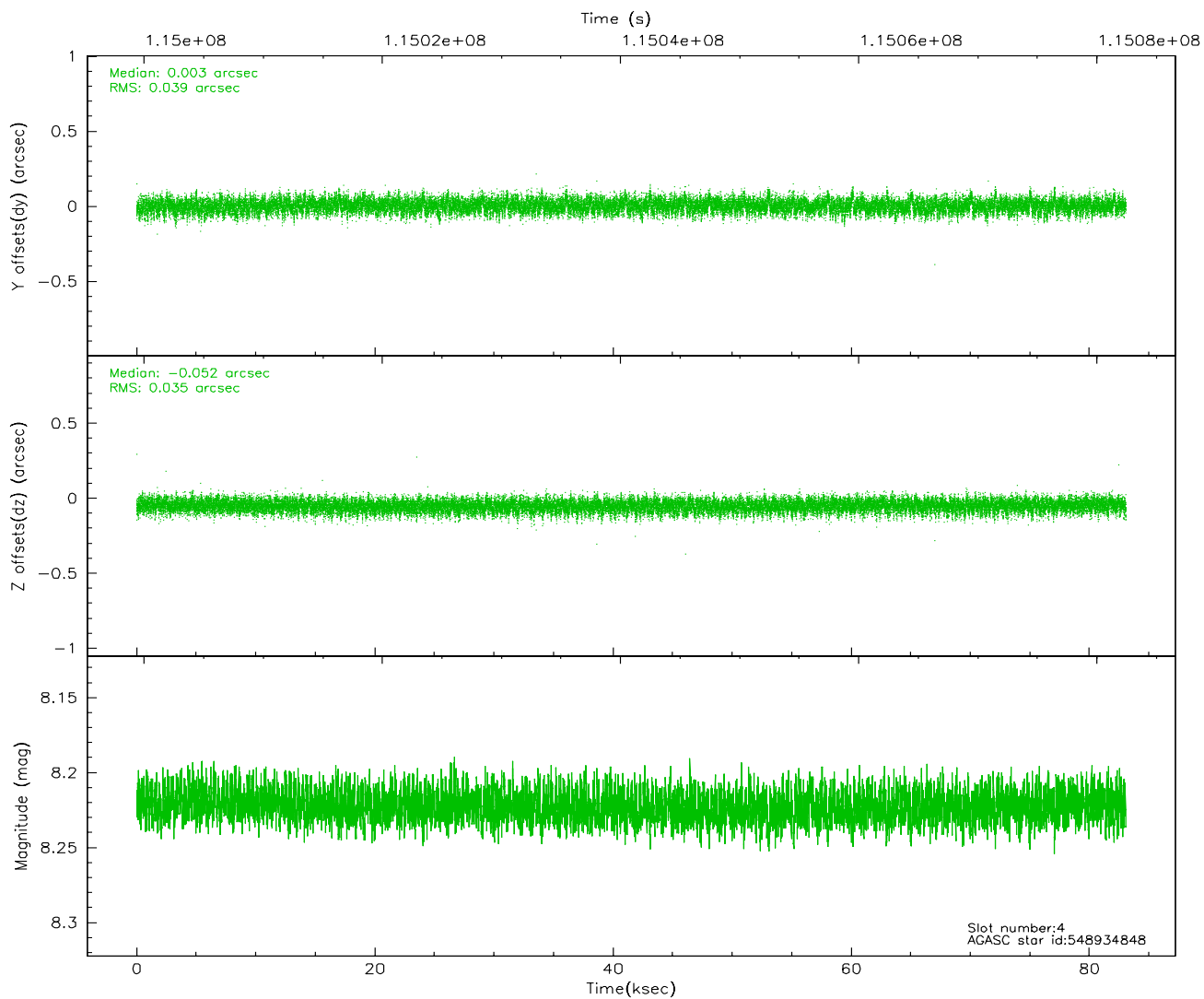
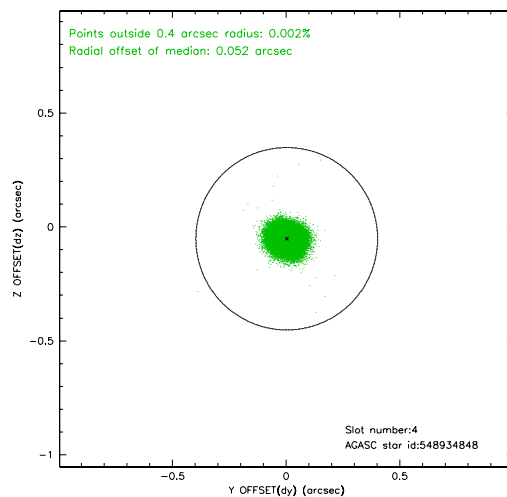
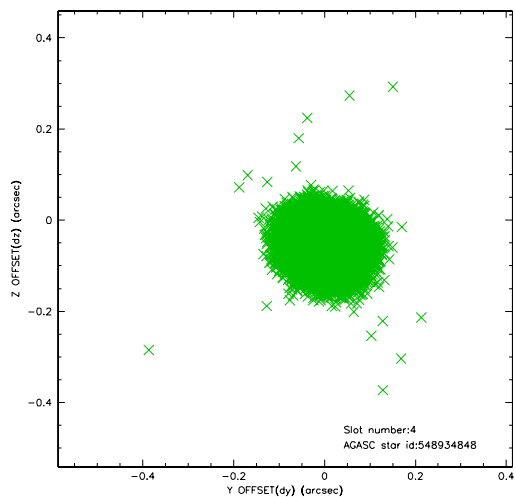
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	20267	-0.025	0.059	0.008	0.019	0.000000	0.000000	937.89	-830.56
1	FID	ACIS-I-5	7.24	20267	-0.012	0.045	0.006	0.011	0.000000	0.000000	-1810.21	1067.01
2	FID	ACIS-I-6	7.26	20266	-0.055	-0.034	0.008	0.024	0.000000	0.000000	403.53	1711.31
3	GUIDE	548935416	6.92	40530	-0.071	0.093	0.059	0.091	234.639529	65.790545	1598.12	-853.13
4	GUIDE	548934848	8.22	40525	0.003	-0.052	0.056	0.090	235.310442	66.385864	-496.29	226.05
5	GUIDE	548937640	9.21	40512	0.027	0.003	0.075	0.124	235.476749	66.775751	-1889.02	520.99
6	GUIDE	548806560	9.22	40520	0.007	-0.012	0.084	0.133	234.048610	66.578455	-1283.18	-1547.97
7	GUIDE	548934840	8.50	40528	0.031	-0.031	0.072	0.113	236.649520	65.864398	1441.18	2117.42

2.4 Star Slots

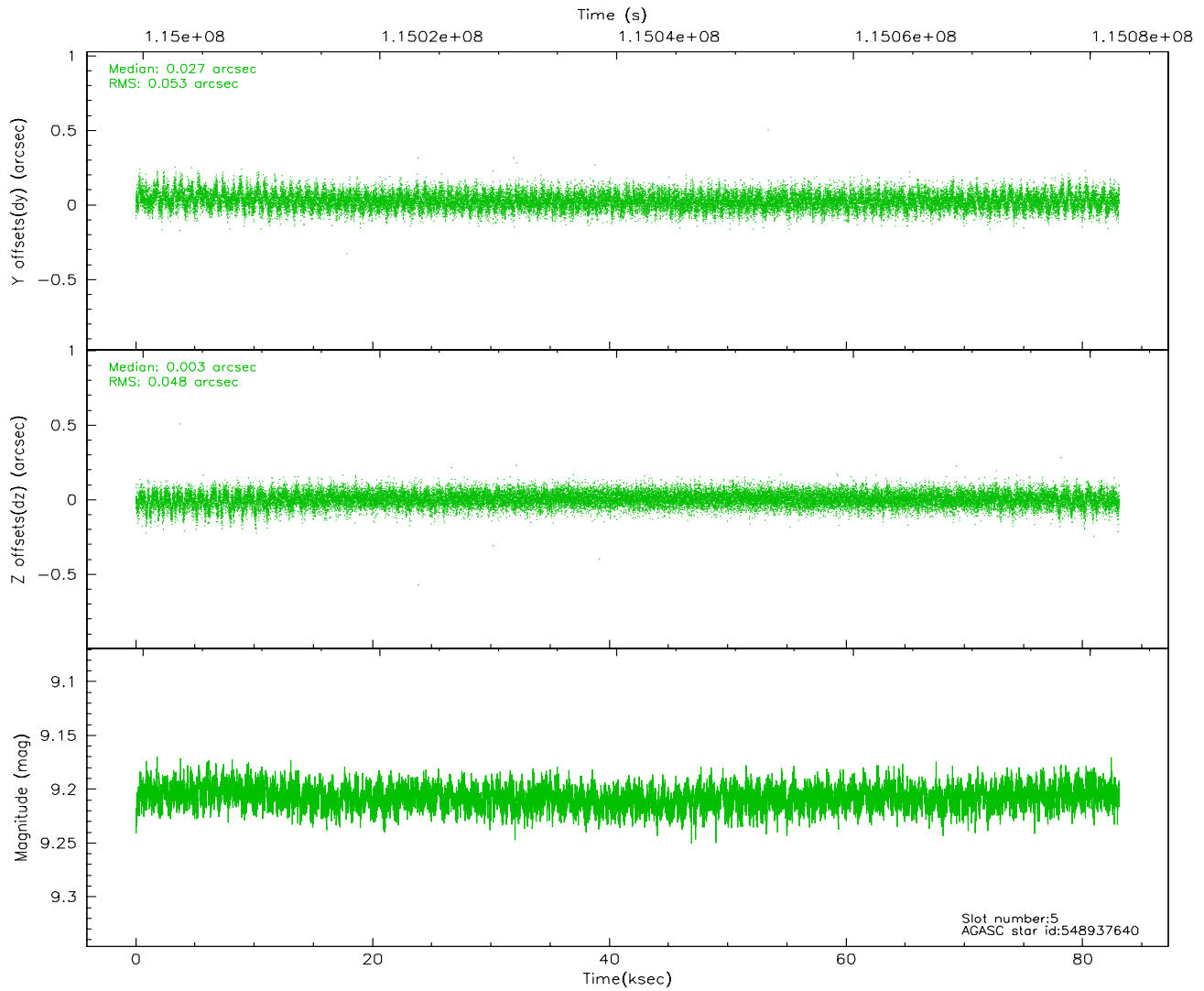
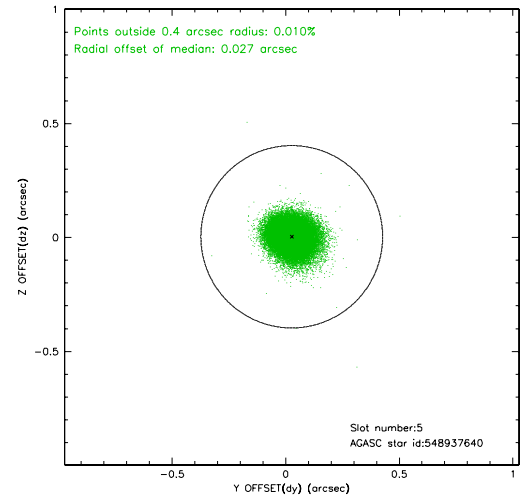
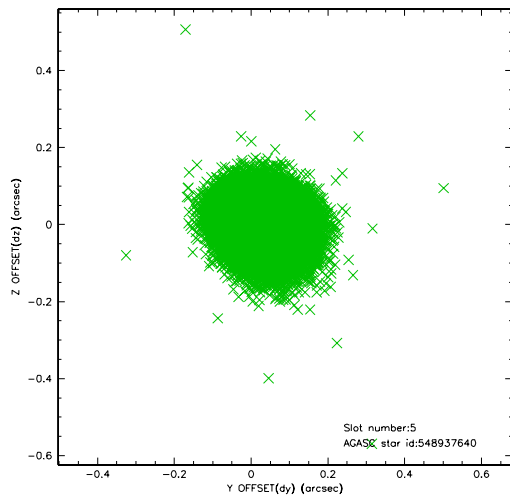
2.4.1 Slot 3



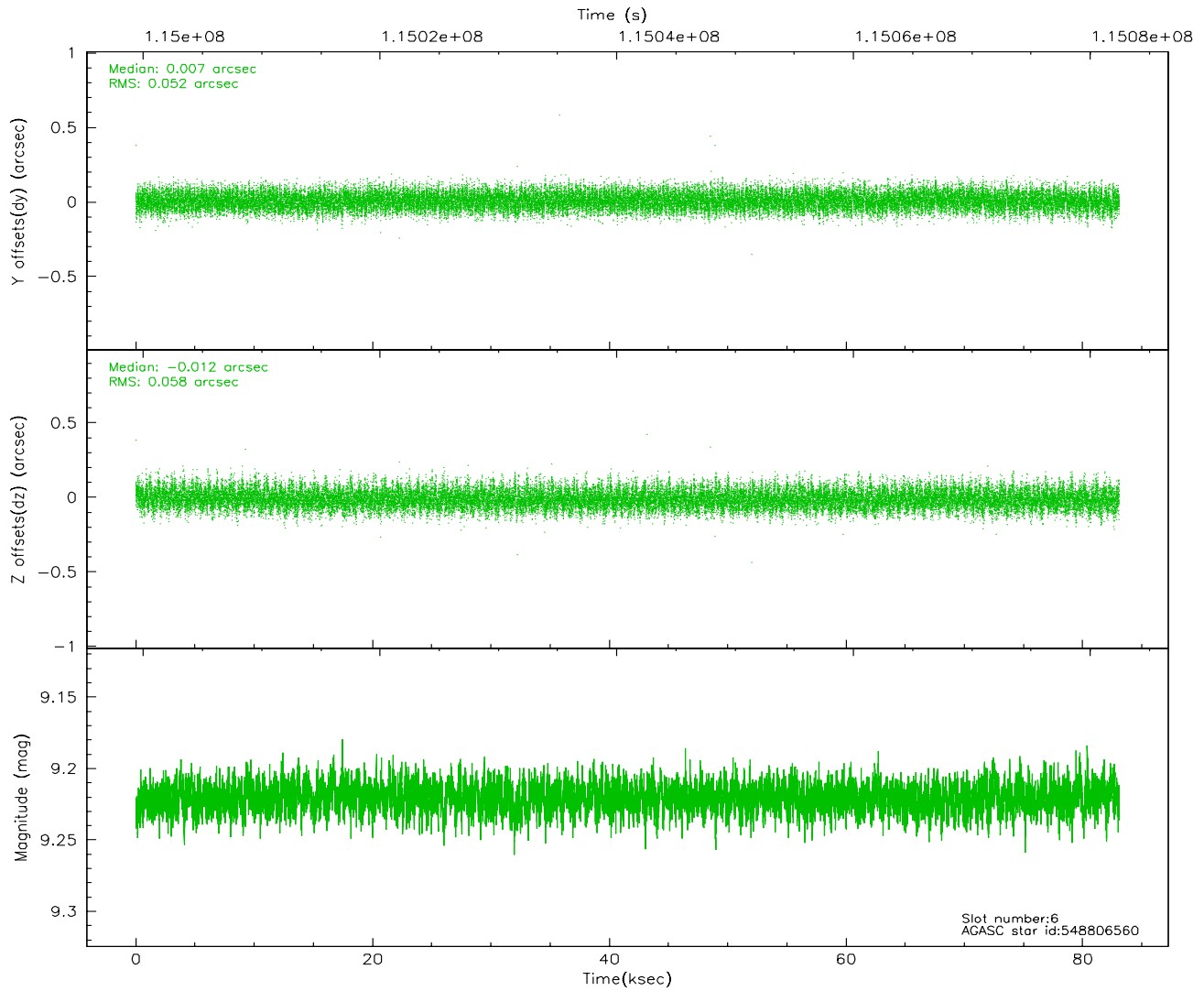
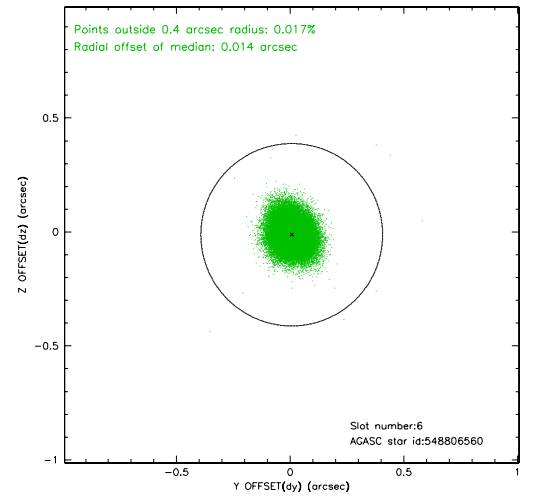
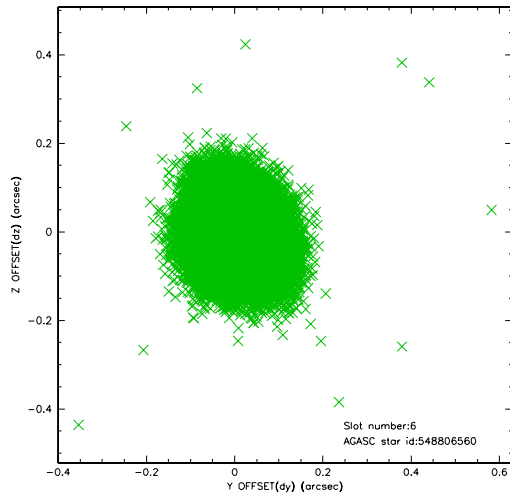
2.4.2 Slot 4



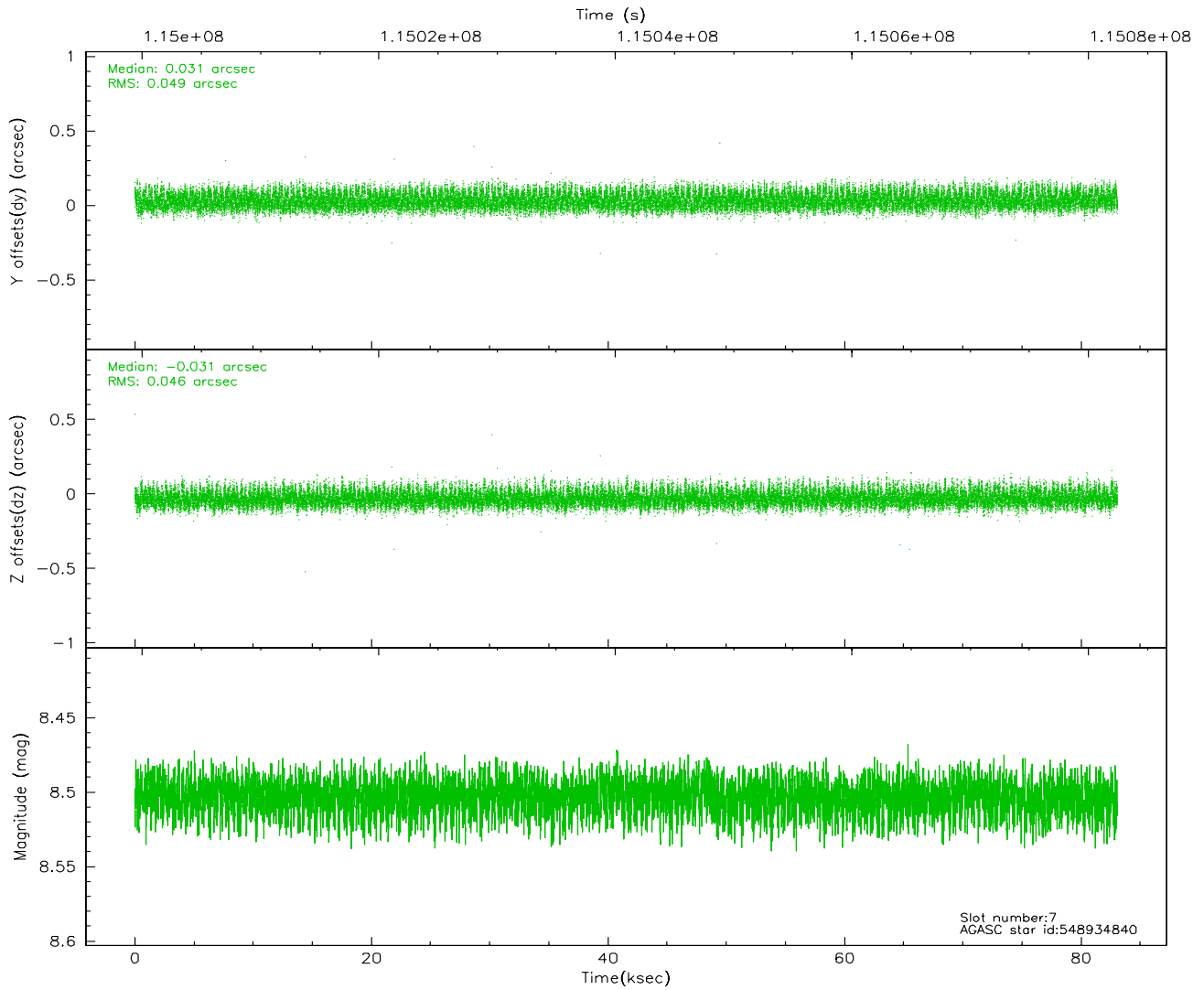
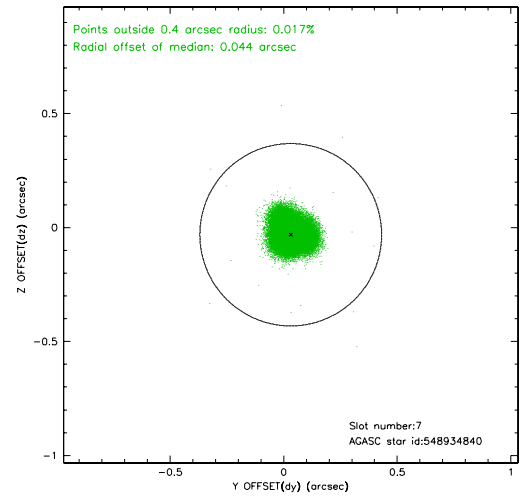
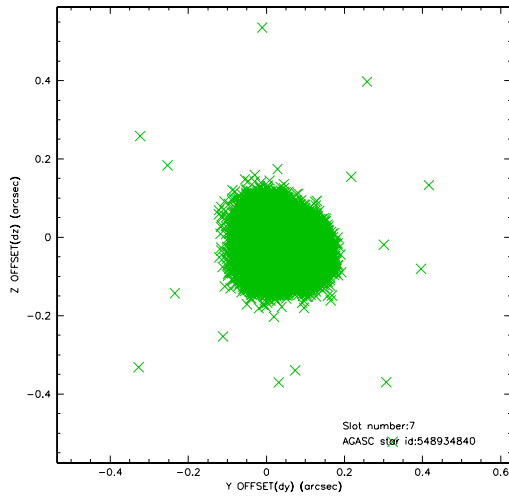
2.4.3 Slot 5



2.4.4 Slot 6

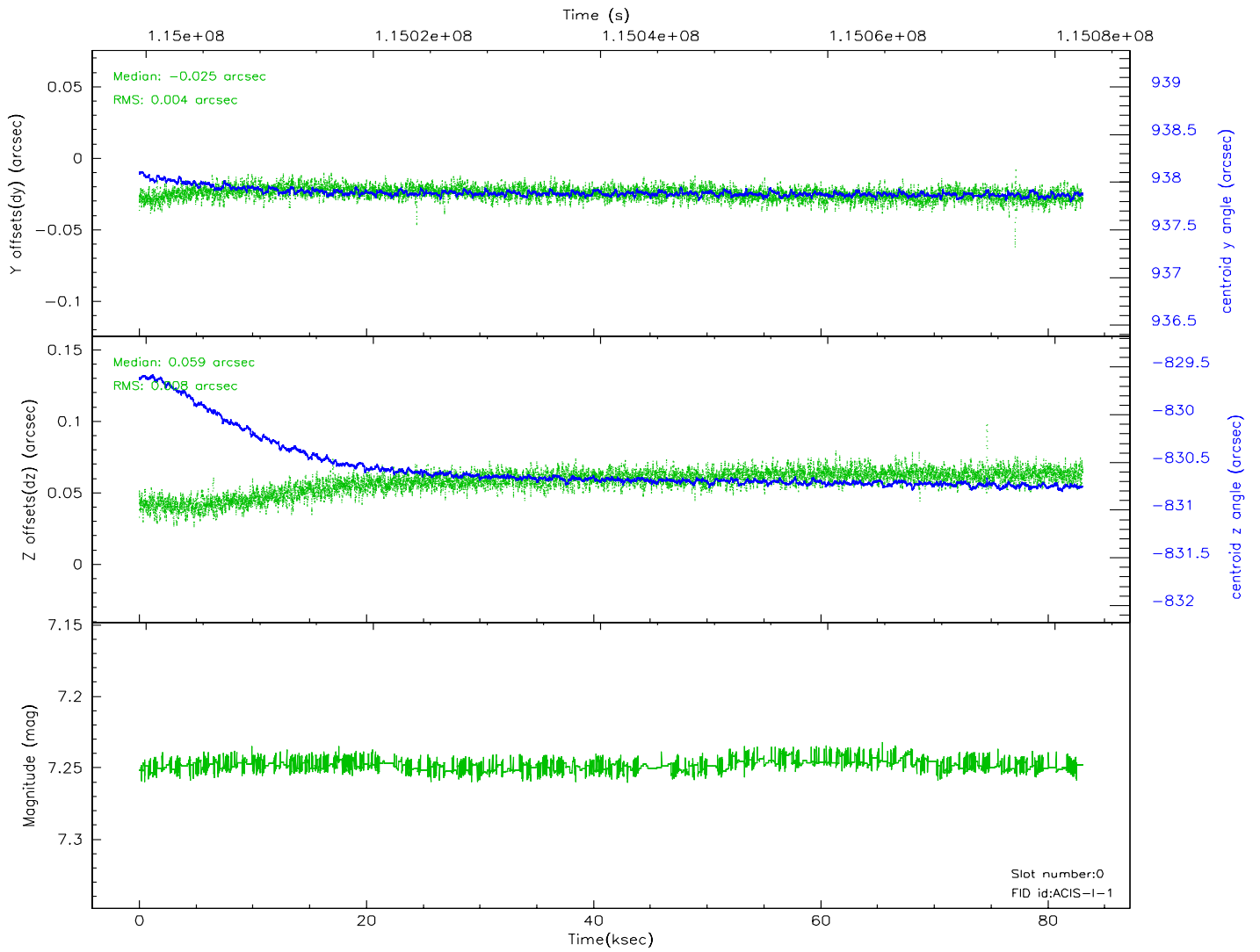
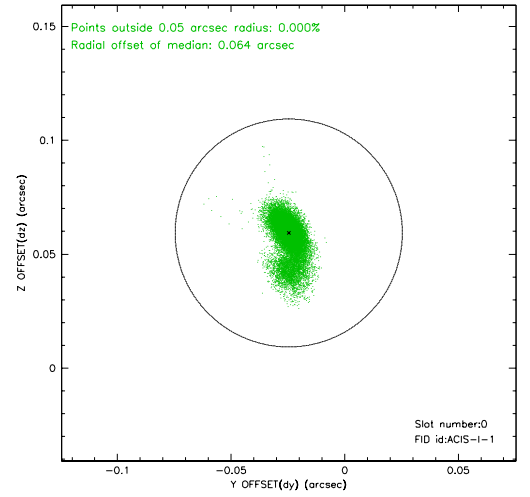
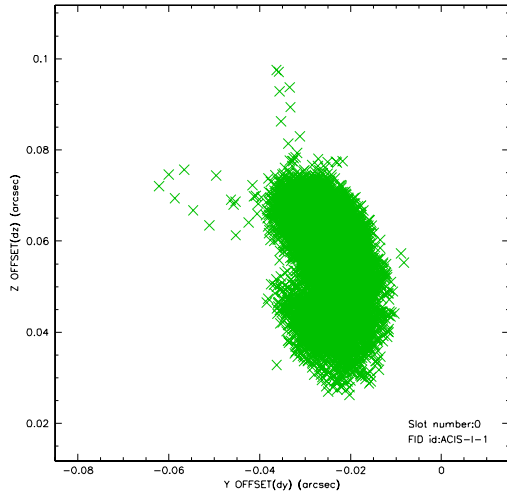


2.4.5 Slot 7

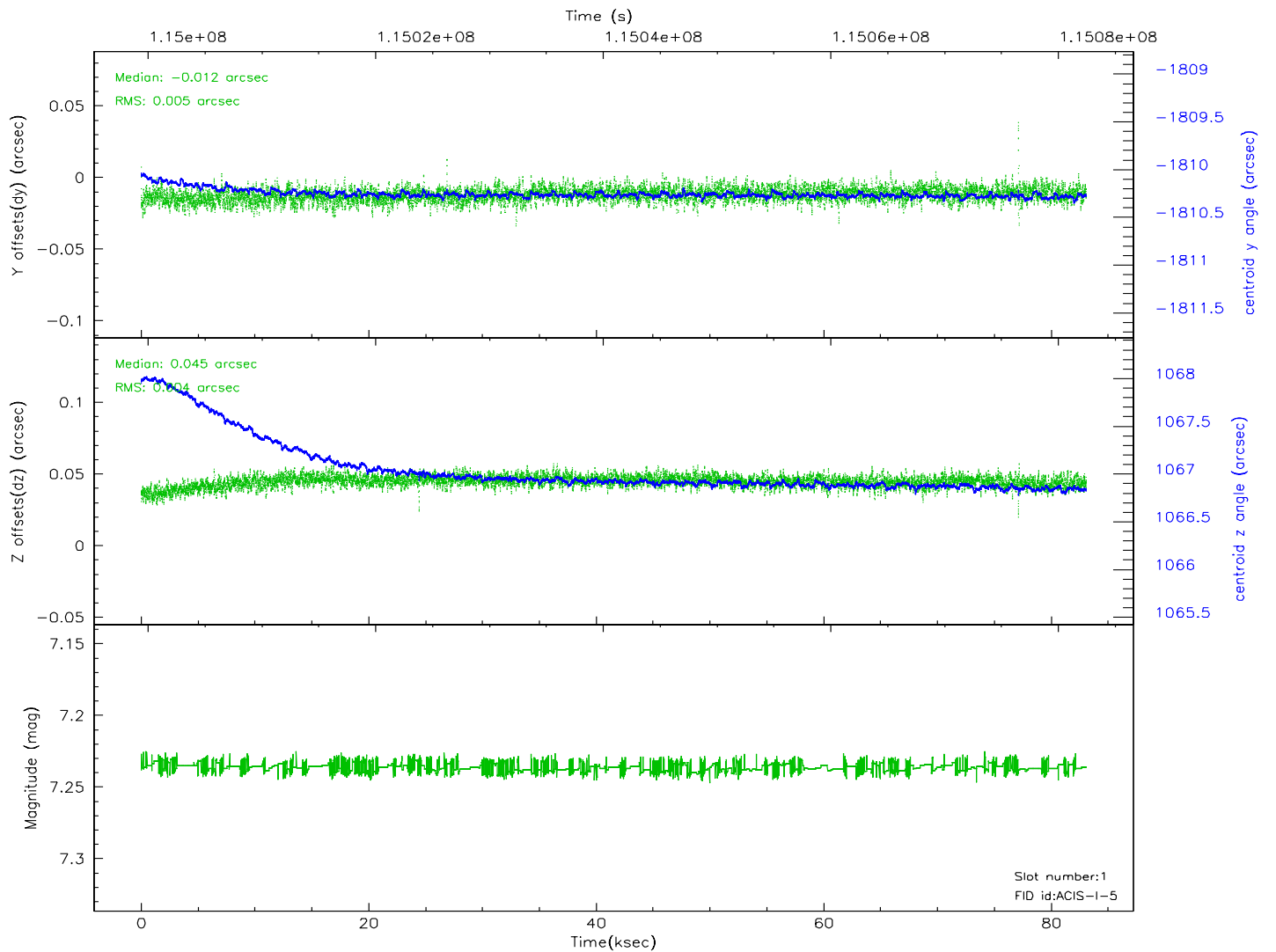
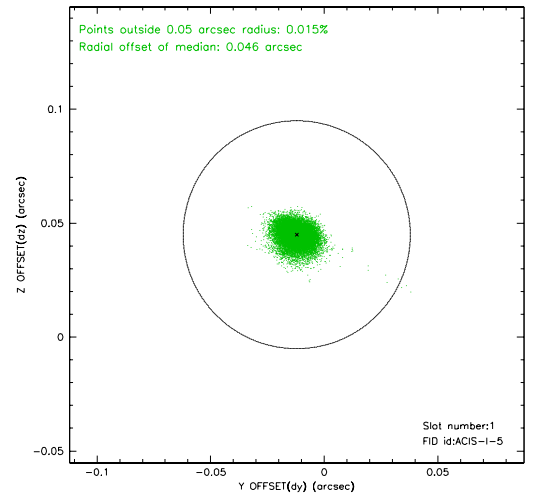
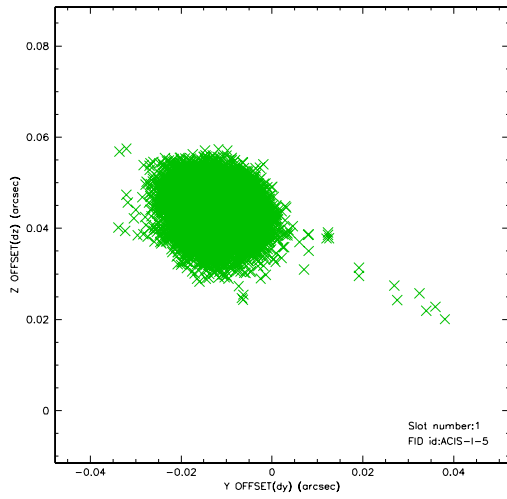


2.5 FID Slots

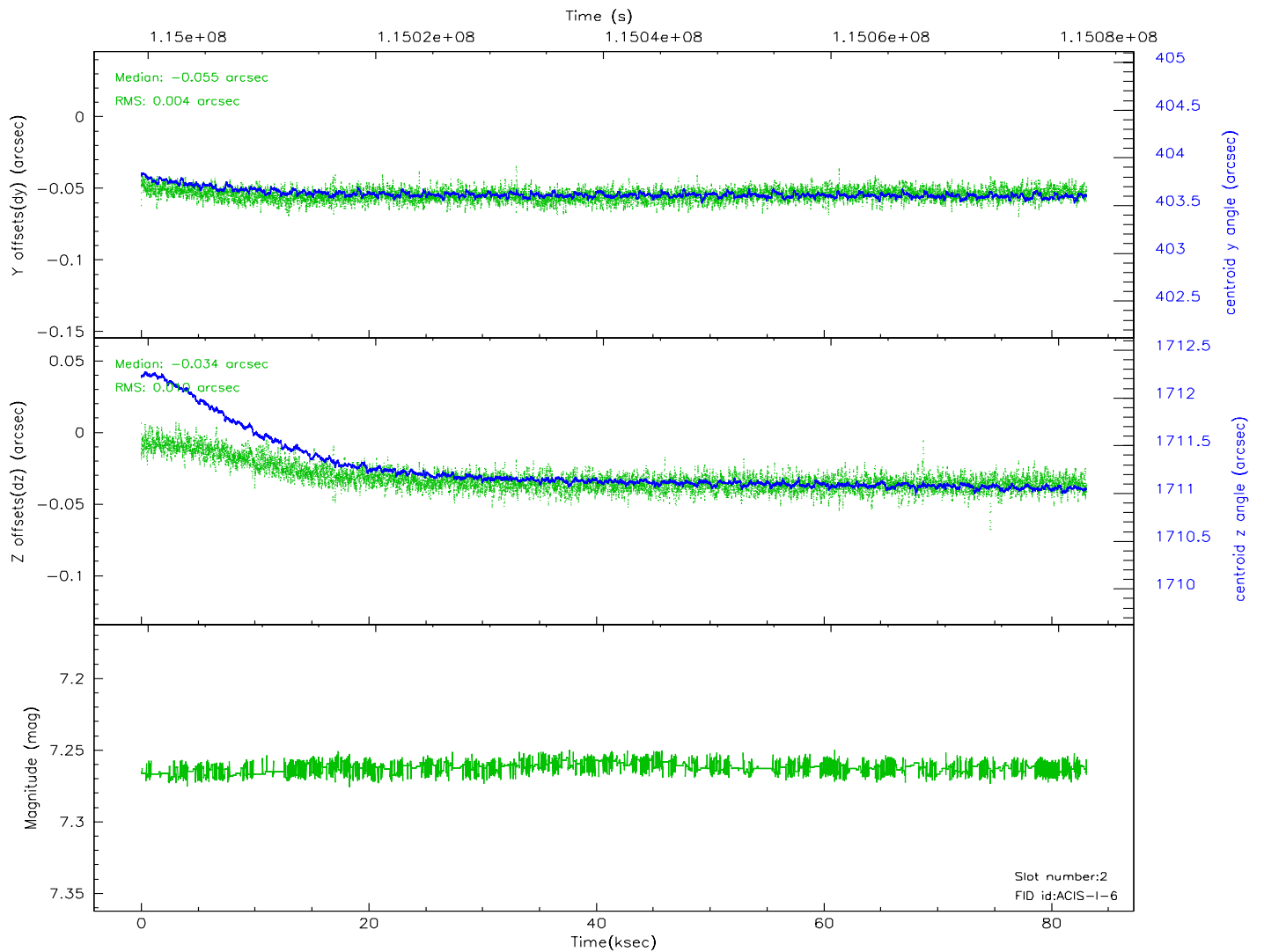
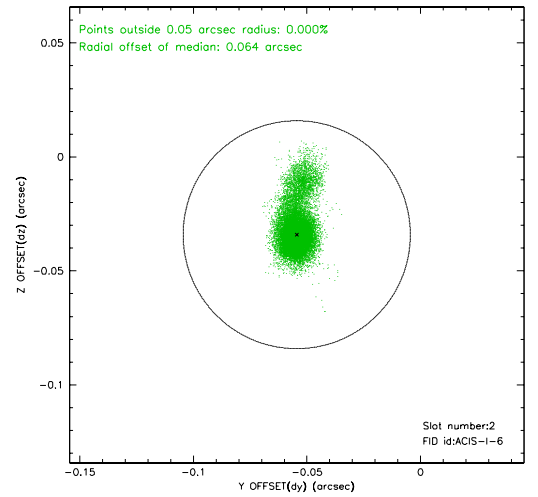
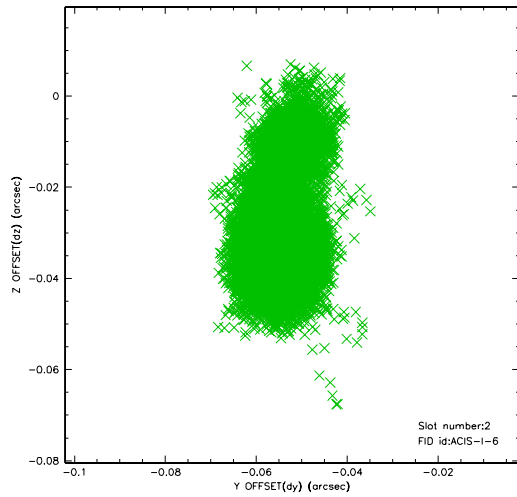
2.5.1 Slot 0



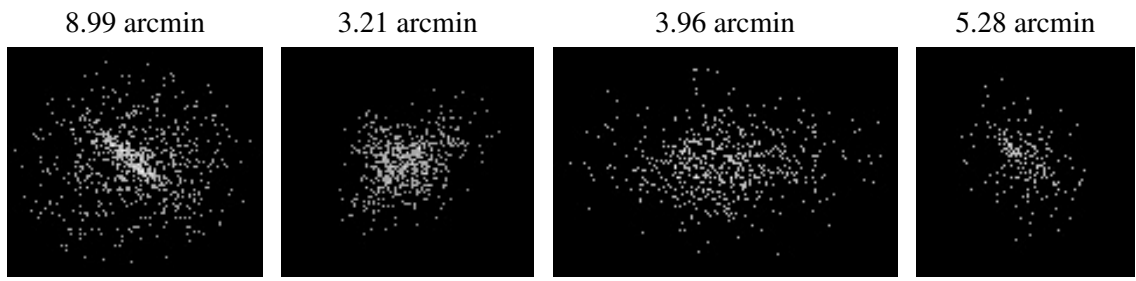
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	82.586

A.2 Comments