

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4262 - L2 Version 001
Chandra X-Ray Center

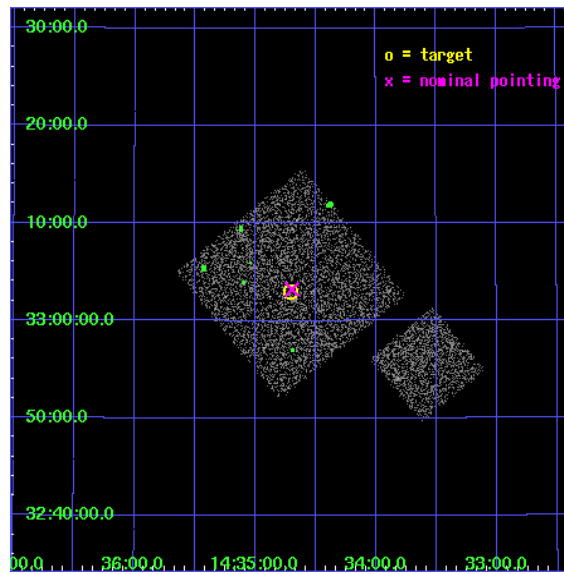
L2 Processing Date : Jul 29 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

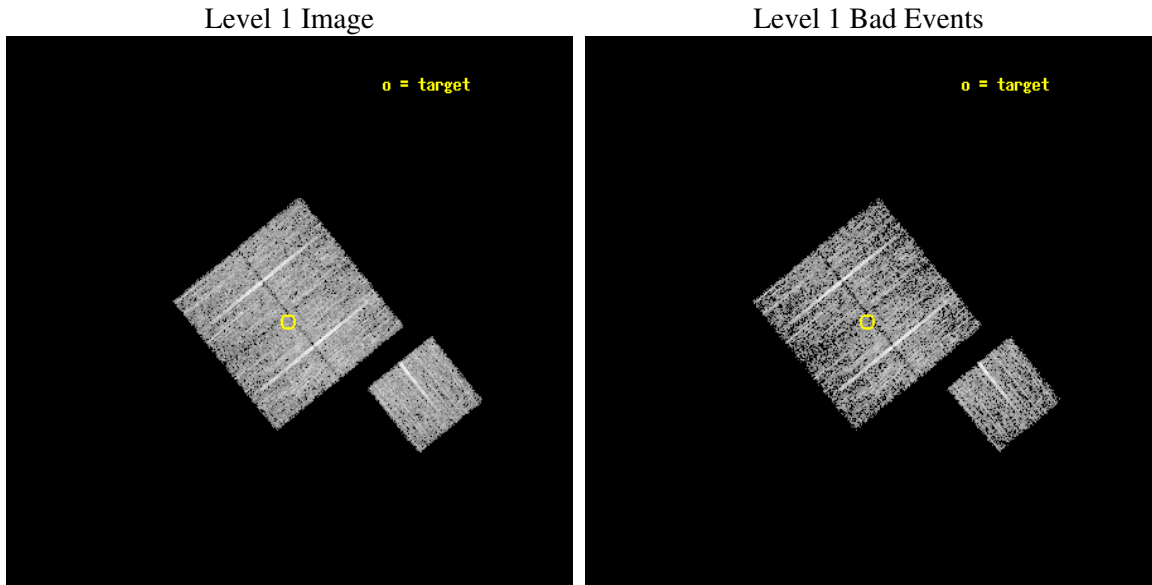
seq_num	900305
obs_id	4262
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS53
dtcycle	0
cycle	P
ra_targ	218.676831
dec_targ	33.04953
ra_nom	218.67424015558
dec_nom	33.053562327235
roll_nom	141.01010886505
revision	2
ontime	4674.7999910116
livetime	4613.7202875914
ontime0	4674.7999910116
ontime1	4674.7999910116
ontime2	4674.7999910116
ontime3	4674.7999910116
ontime6	4674.7999910116
l2events	9807



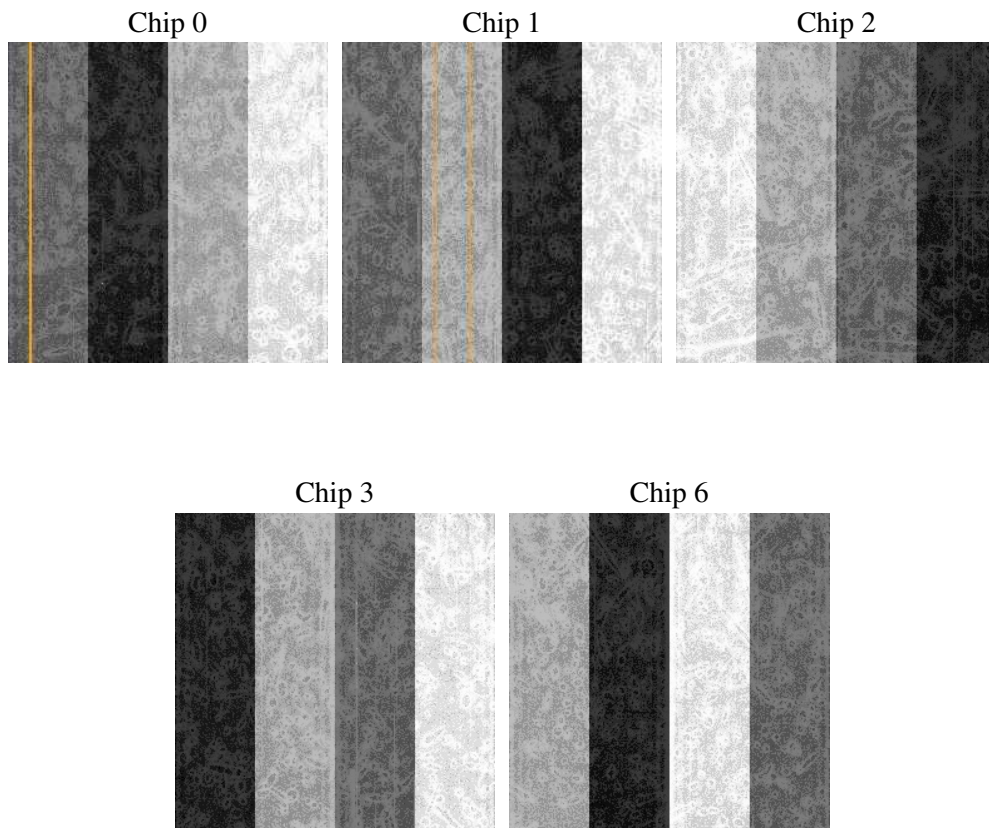
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-30T01:59:49
revision	2

sched_exp_time	4900.000000
ontime	4680.1013073325
ontime0	4680.1013073325
ontime1	4680.1012874246
ontime2	4680.1012874246
ontime3	4680.1013073325
ontime6	4680.1012874246
l1events	119455

2.1.4 Events

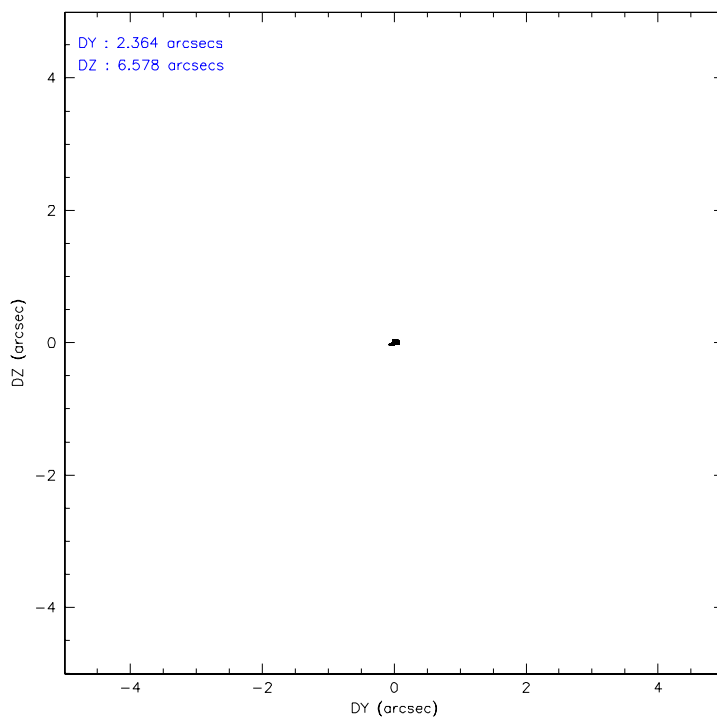
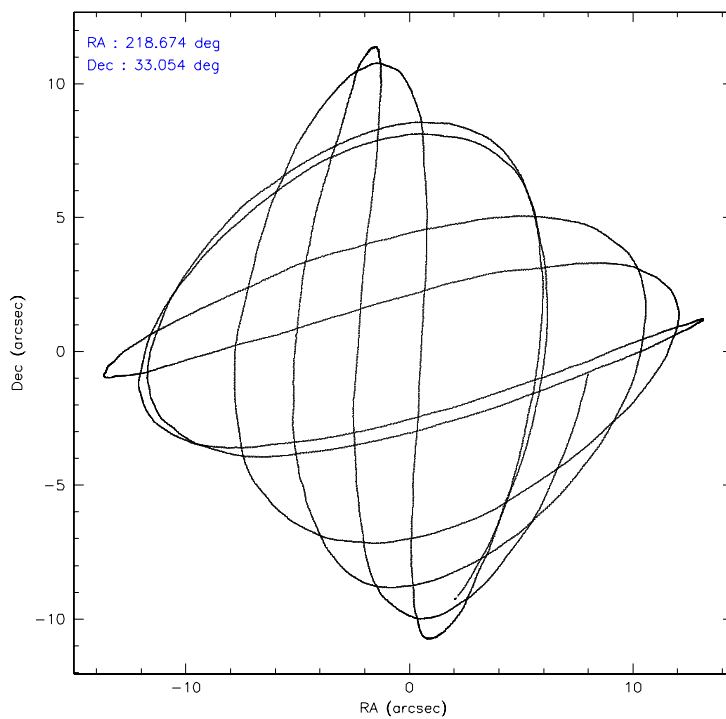
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23033	22646	25878	23549	24349
rejected events	20734	20062	23567	21292	21875
rejected %	90%	88%	91%	90%	89%

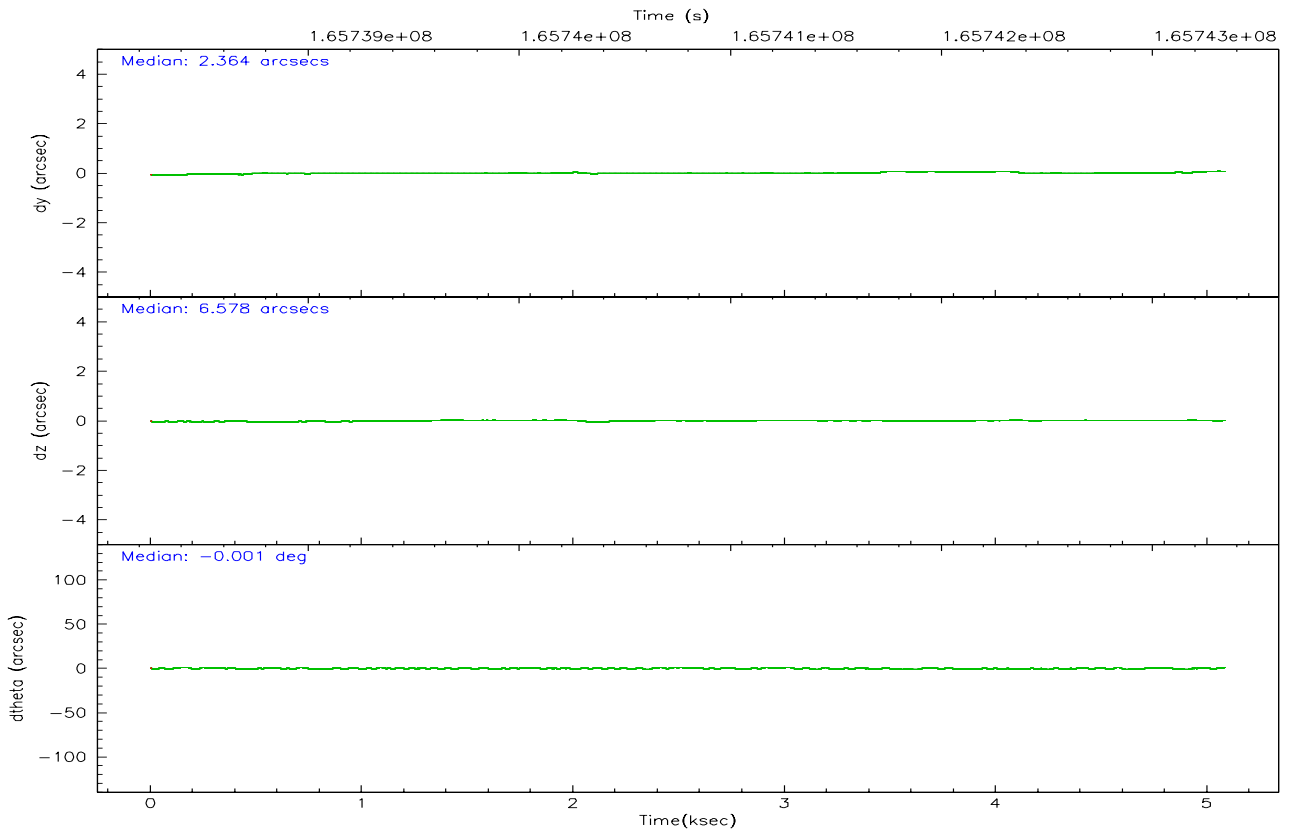
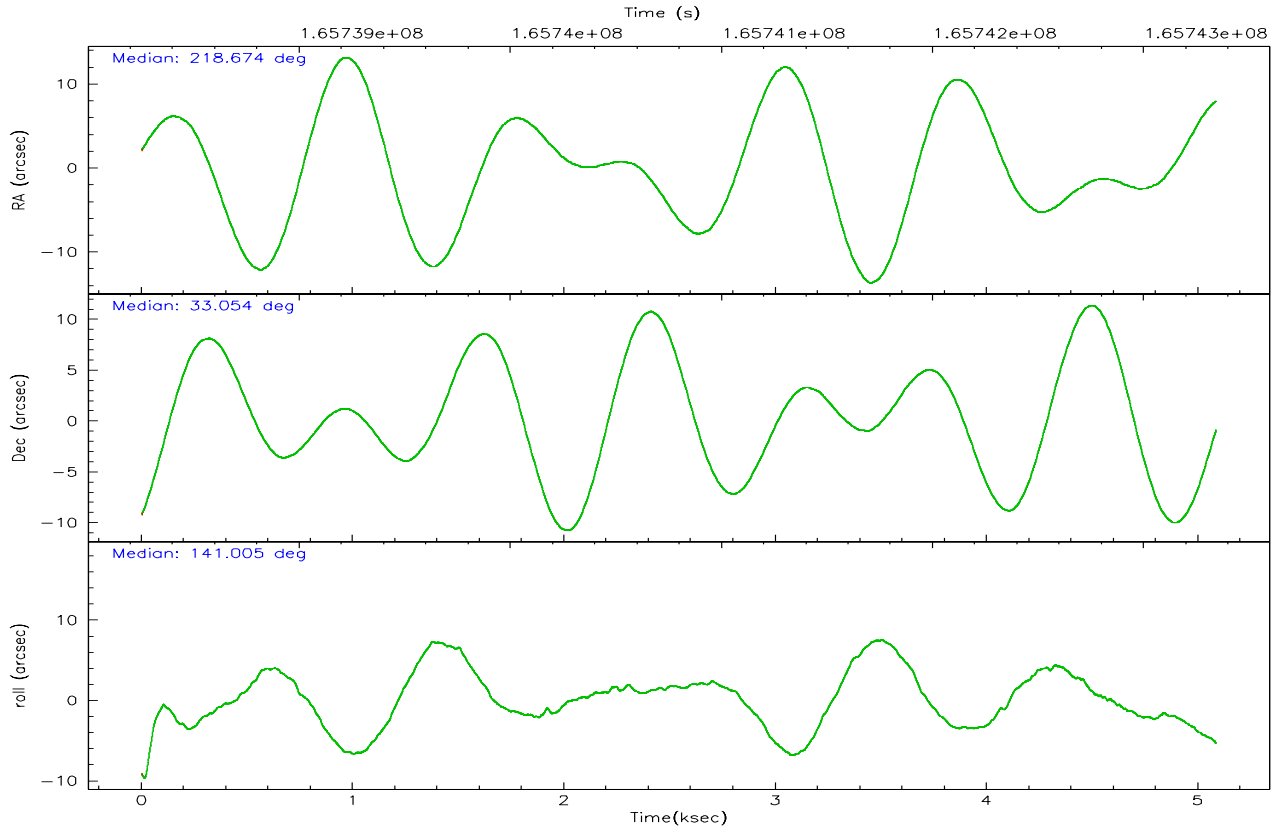
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	824	943	857	829	934
	3%	4%	3%	3%	3%
grade 1 events	11	10	17	11	8
	0%	0%	0%	0%	0%
grade 2 events	529	570	548	487	530
	2%	2%	2%	2%	2%
grade 3 events	269	290	254	253	289
	1%	1%	0%	1%	1%
grade 4 events	251	289	279	275	247
	1%	1%	1%	1%	1%
grade 5 events	737	727	651	808	739
	3%	3%	2%	3%	3%
grade 6 events	427	492	373	415	477
	1%	2%	1%	1%	1%
grade 7 events	19985	19325	22899	20471	21125
	86%	85%	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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	218.706521	218.6742401555768	Alternating exposures requested	N	N
Pointing Dec	33.049453	33.0535623272354	Primary exposure time	0.000000	3.1
Pointing Roll	140.783804	141.0101088650532			
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	165738445.184000	165738009.97709			
Observation start date	2003-04-03T06:26:21	2003-04-03T06:20:09			
Observation end time	165743345.184000	165743479.37732			
Observation end date	2003-04-03T07:48:01	2003-04-03T07:51:19			
Read mode	TIMED	TIMED			

2.3 Aspect



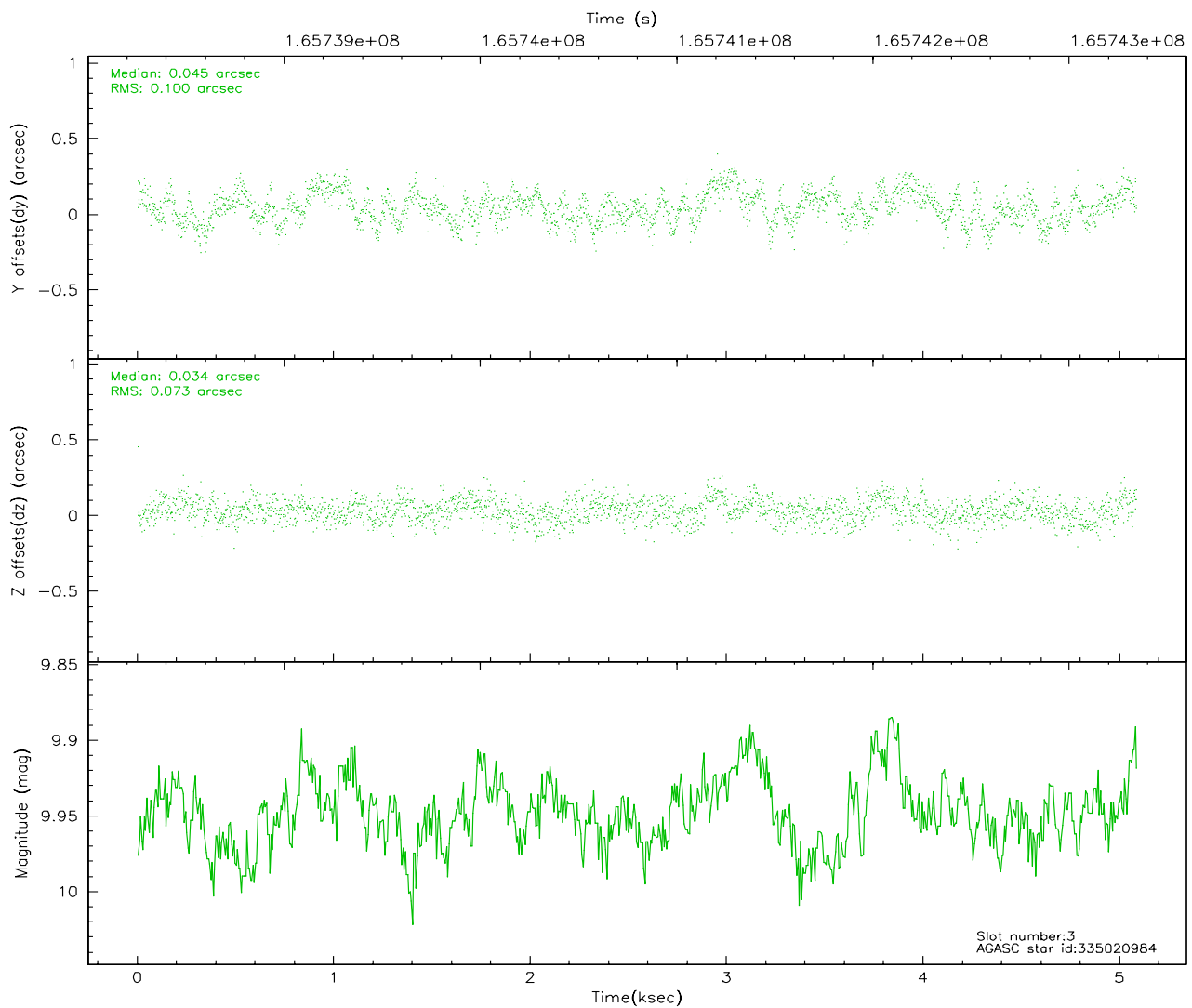
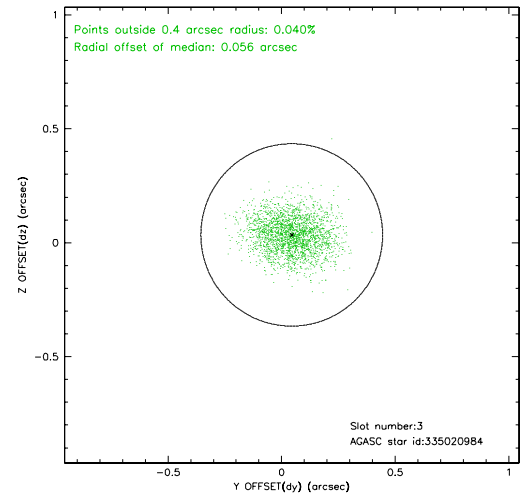
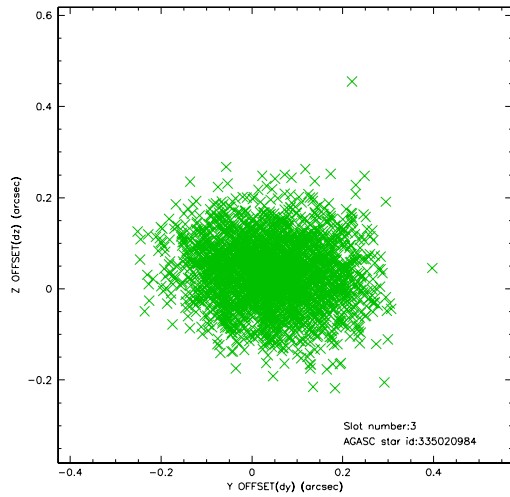


Slot Statistics

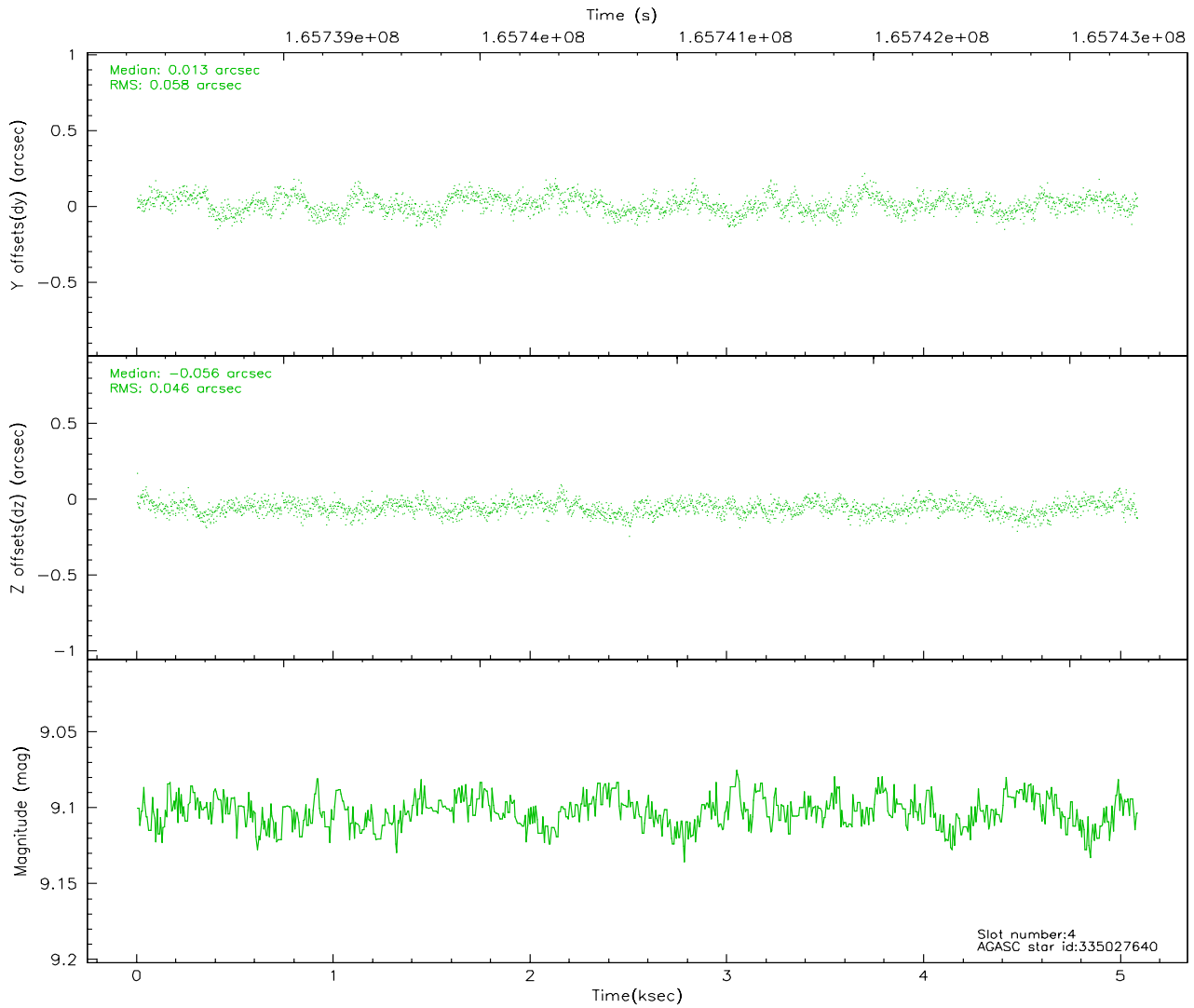
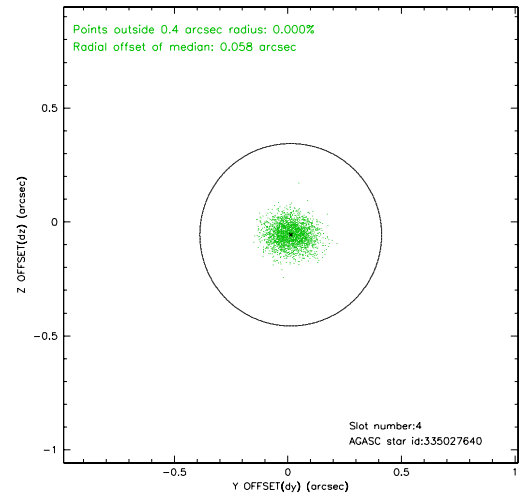
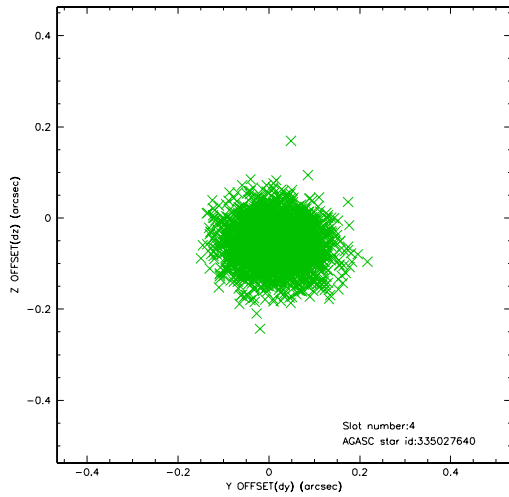
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1241	-0.008	0.021	0.005	0.009	0.000000	0.000000	937.42	-829.96
1	FID	ACIS-I-5	7.24	1241	-0.050	0.044	0.006	0.010	0.000000	0.000000	-1810.03	1067.02
2	FID	ACIS-I-6	7.26	1241	-0.034	0.005	0.006	0.010	0.000000	0.000000	401.70	1712.79
3	GUIDE	335020984	9.95	2477	0.045	0.034	0.134	0.215	218.841668	33.815112	1430.83	-2391.28
4	GUIDE	335027640	9.10	2480	0.013	-0.056	0.079	0.128	218.092211	33.193770	1766.58	762.54
5	GUIDE	335029384	8.51	2481	-0.141	-0.075	0.053	0.084	217.848061	33.088477	2102.24	1520.55
6	GUIDE	335154960	9.56	2481	0.054	-0.016	0.090	0.148	219.209961	33.303073	-593.21	-1667.45
7	GUIDE	335158960	9.53	2473	0.025	0.116	0.100	0.164	219.582957	33.009904	-2132.70	-1571.84

2.4 Star Slots

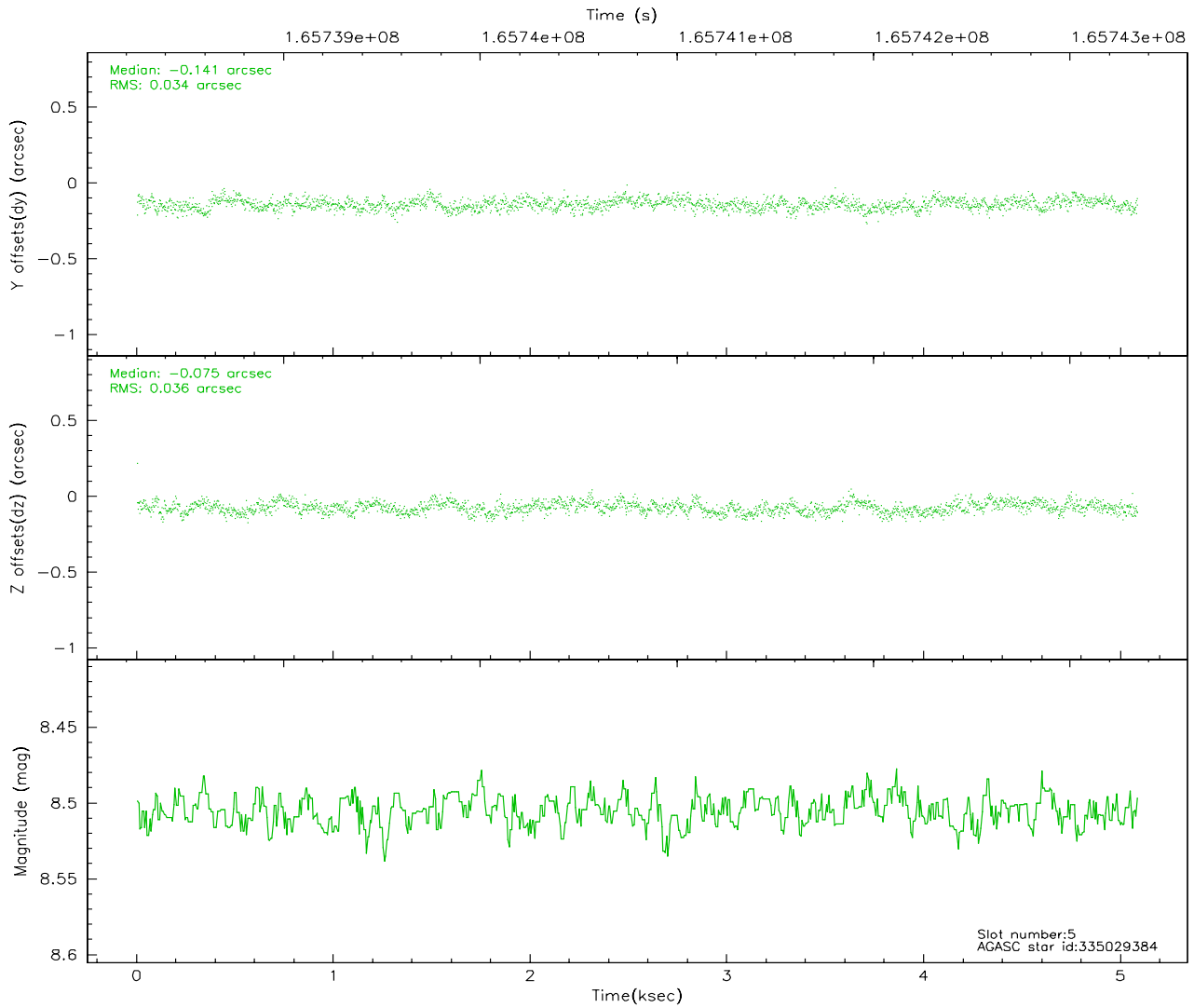
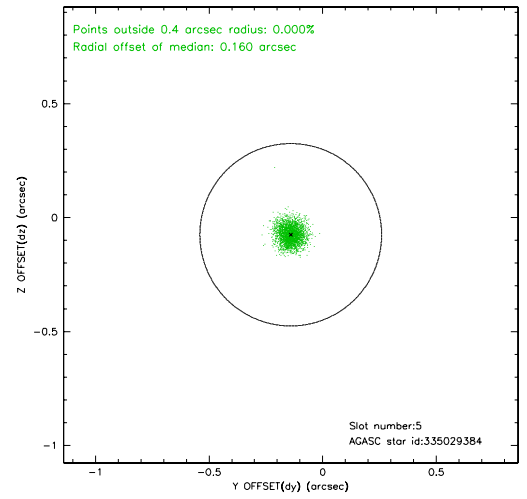
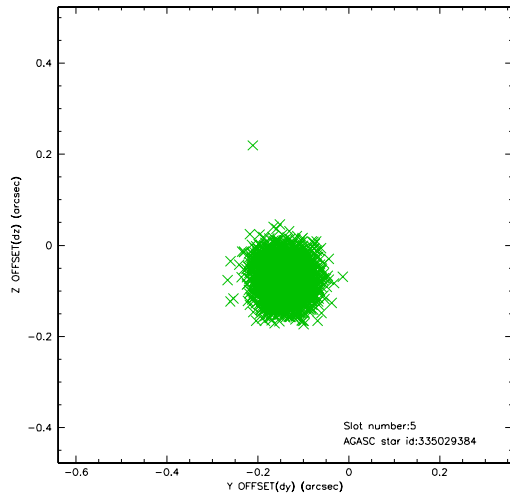
2.4.1 Slot 3



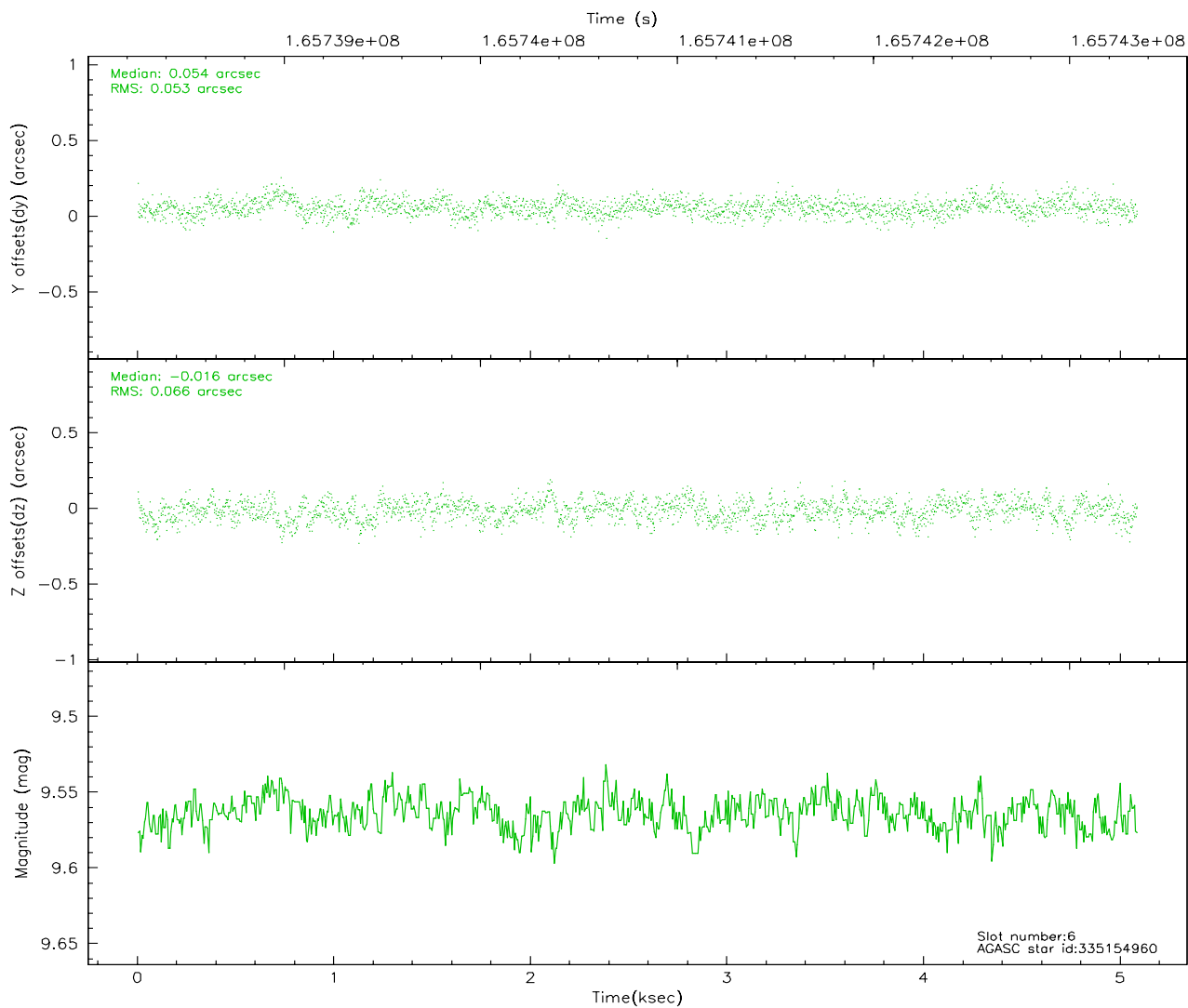
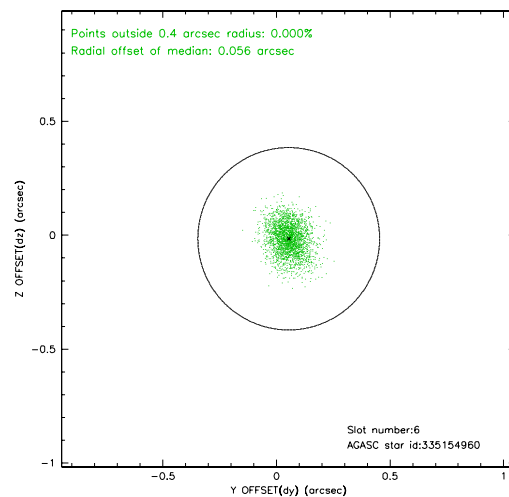
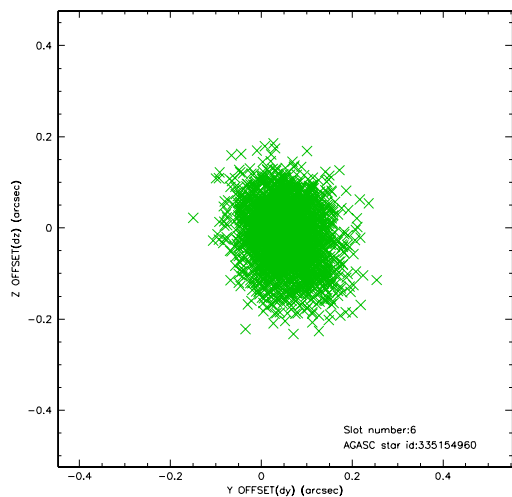
2.4.2 Slot 4



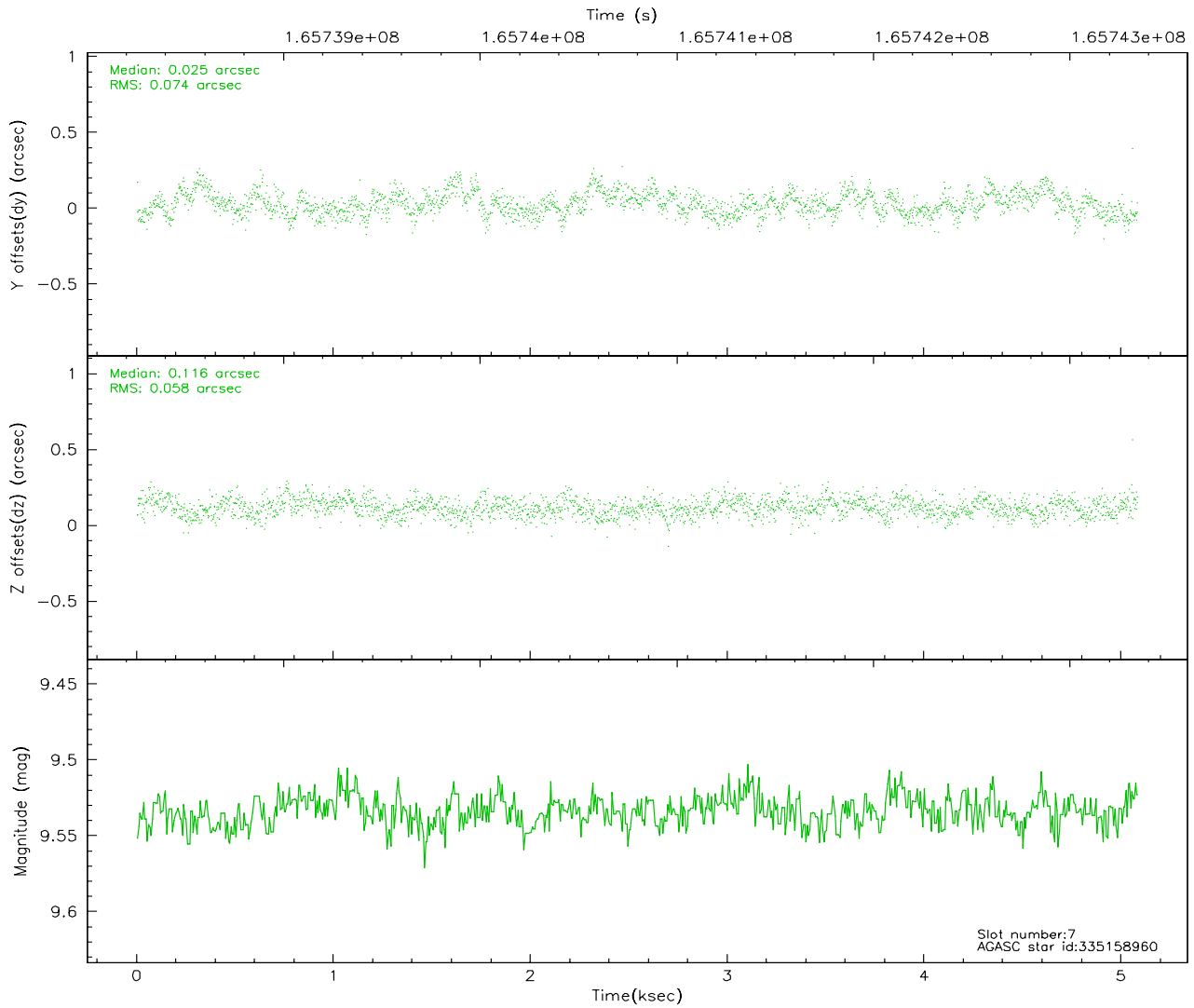
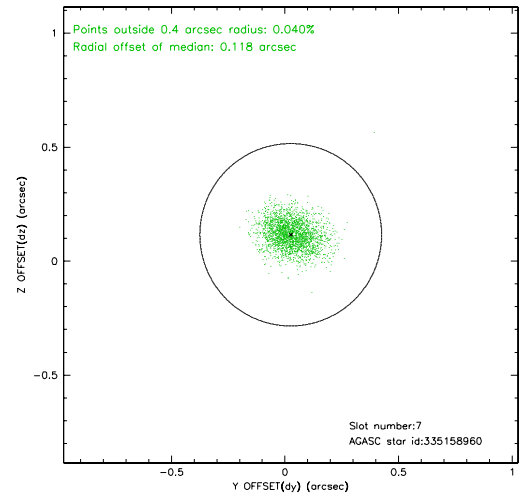
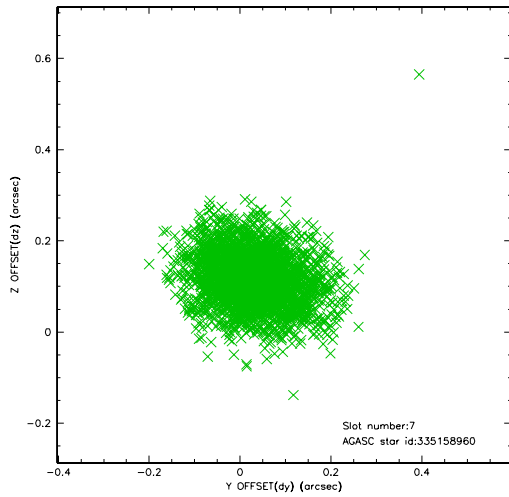
2.4.3 Slot 5



2.4.4 Slot 6

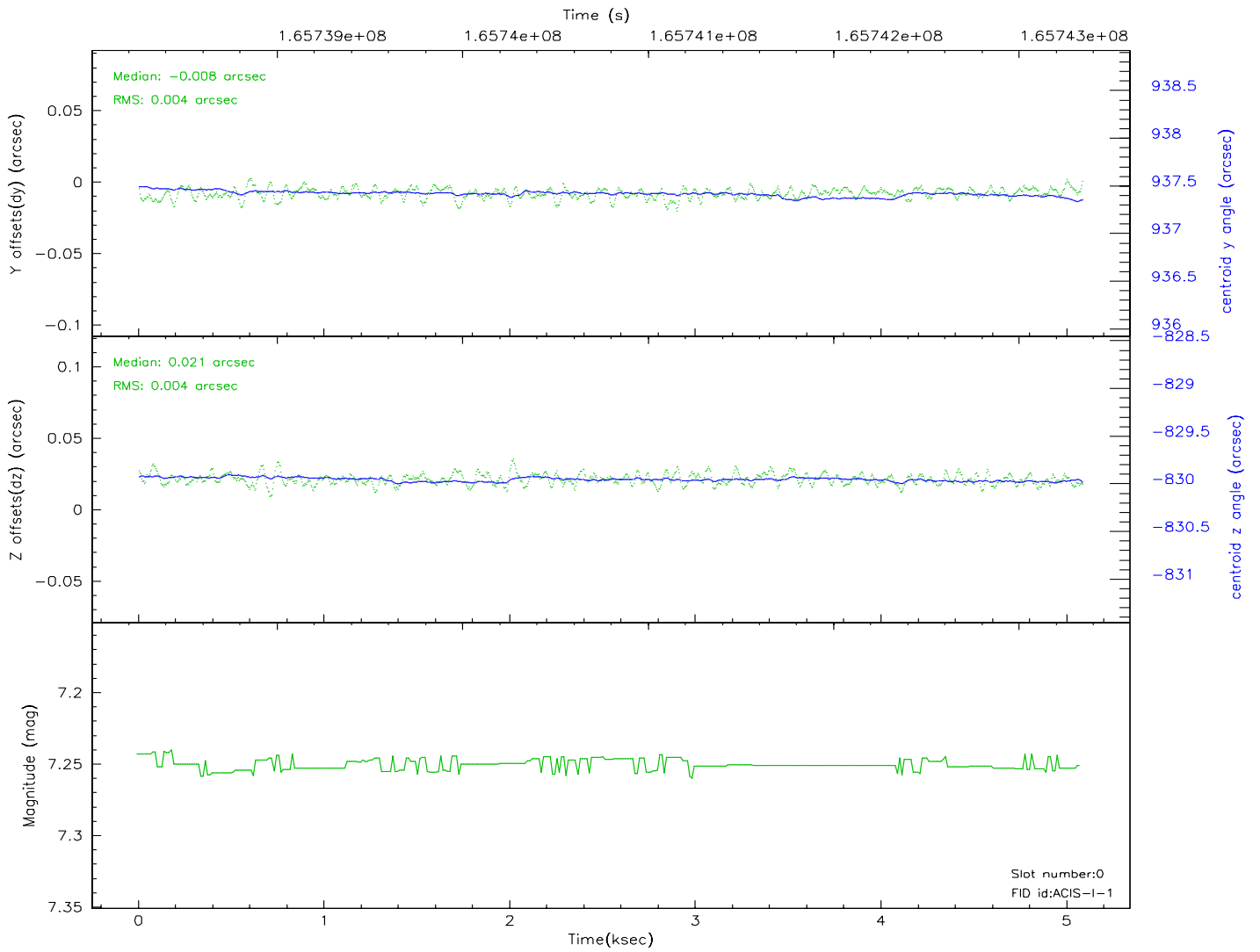
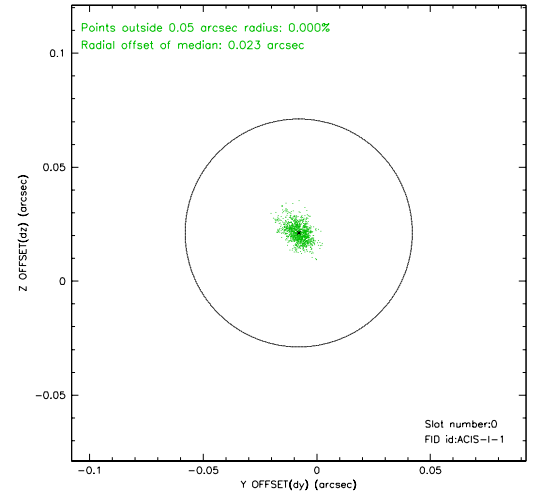
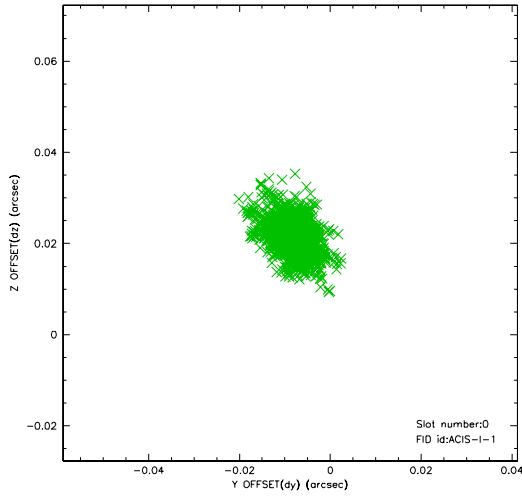


2.4.5 Slot 7

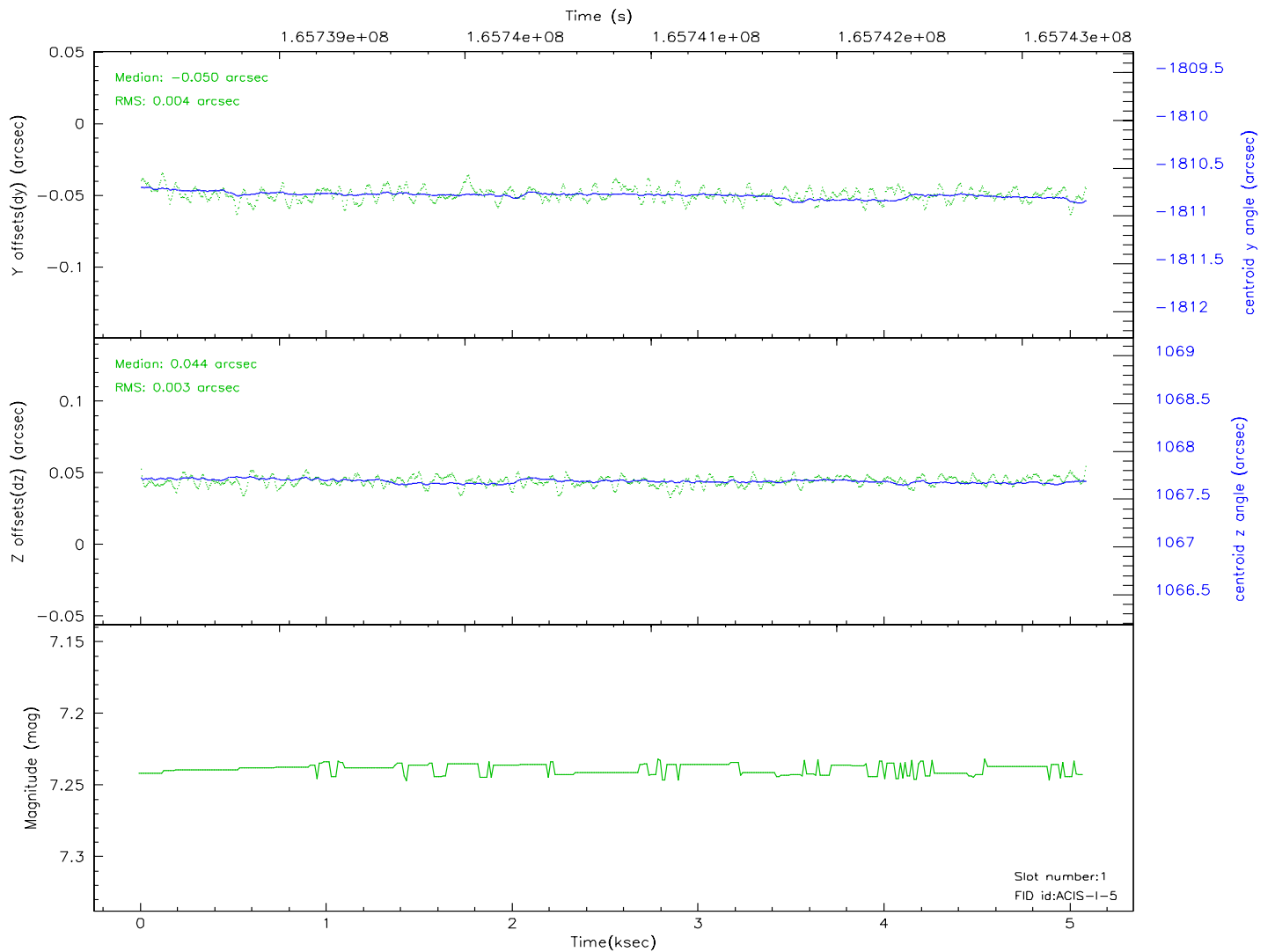
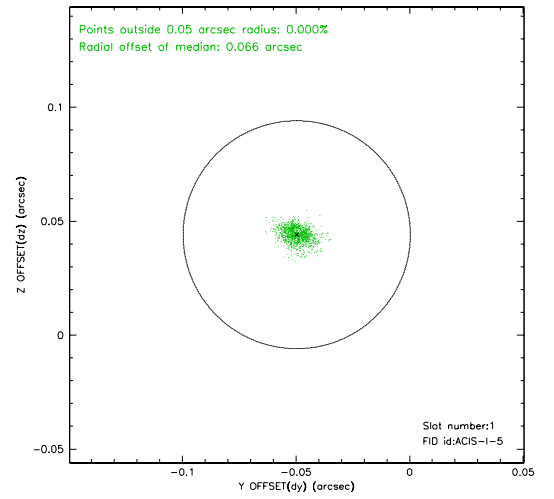
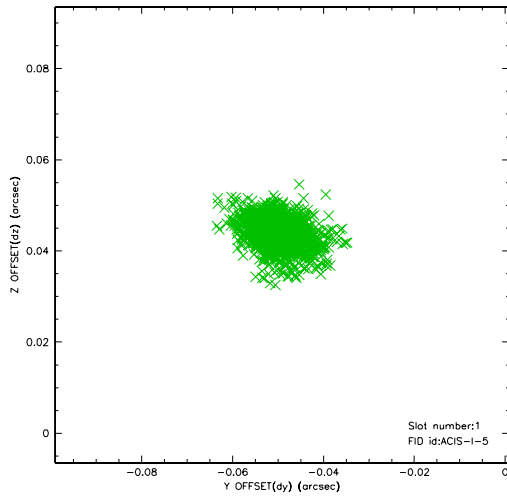


2.5 FID Slots

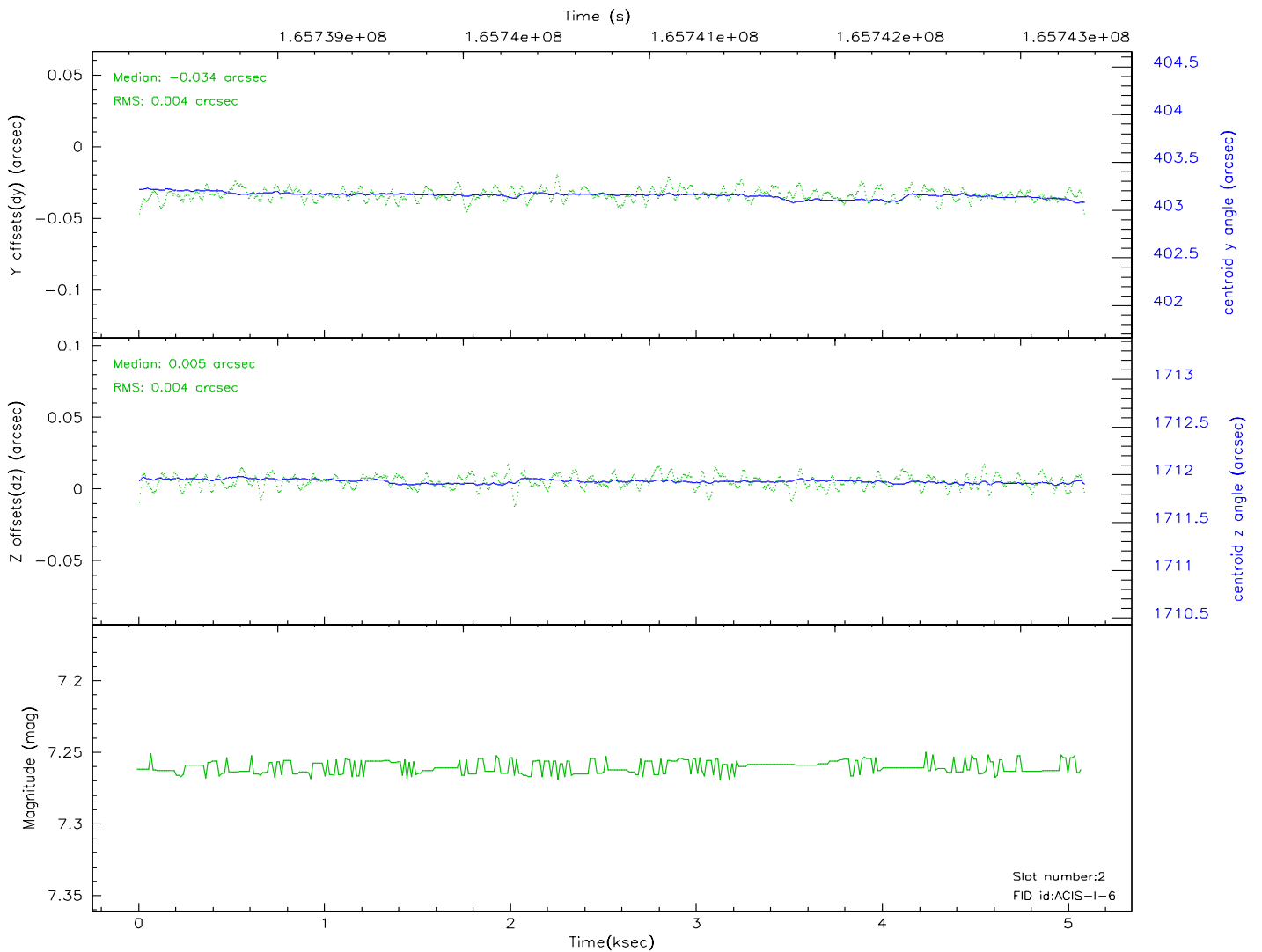
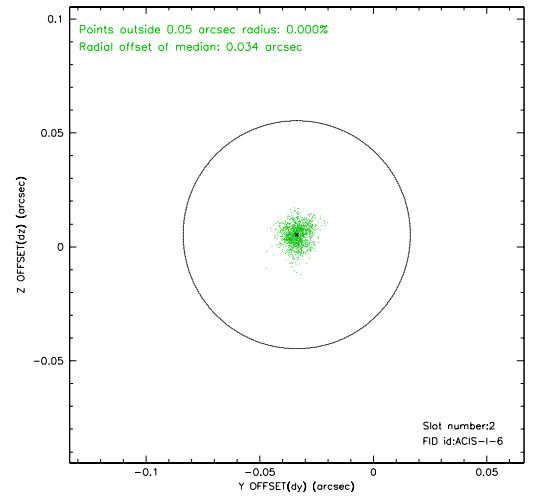
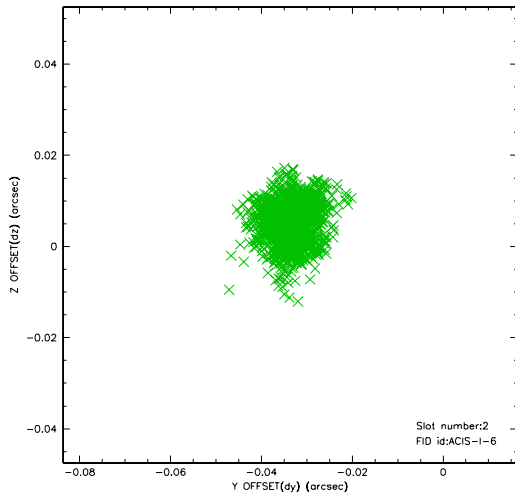
2.5.1 Slot 0



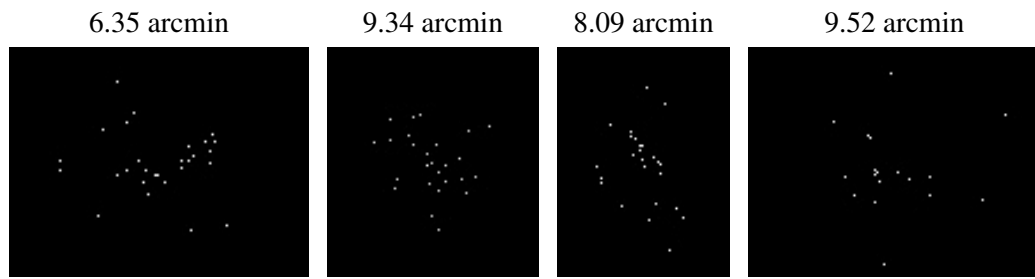
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.674

A.2 Comments