

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5182 - L2 Version 001
Chandra X-Ray Center

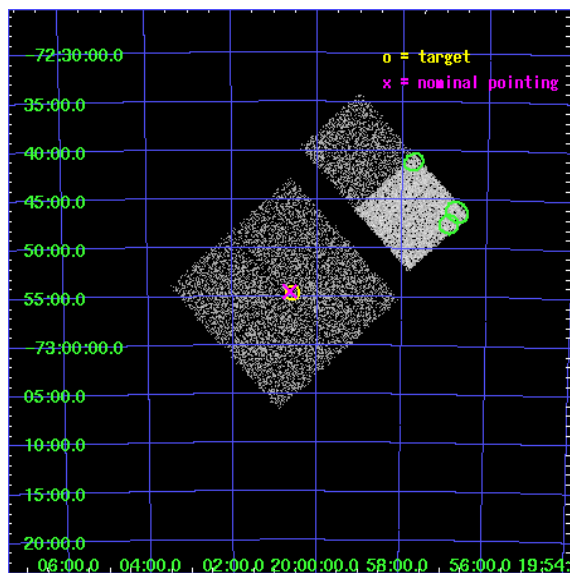
L2 Processing Date : May 1 2006

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1 Front

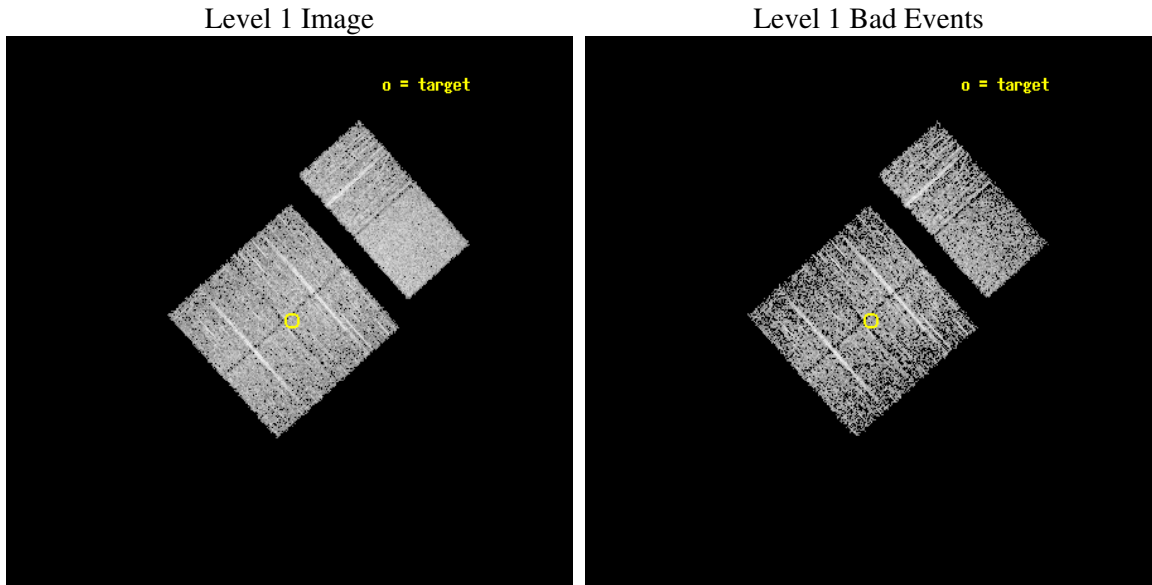
seq_num	200290
obs_id	5182
title	Alternate - Search for beta Pic analogs extension
observer	Professor Gordon Garmire
object	eps Pav
dtcycle	0
cycle	P
ra_targ	300.1475
dec_targ	-72.910278
ra_nom	300.16119966228
dec_nom	-72.908237520002
roll_nom	48.057999287432
revision	2
ontime	2991.9999888539
livetime	2954.113483429
ontime0	2991.9999888539
ontime1	2991.9999888539
ontime2	2991.9999888539
ontime3	2991.9999888539
ontime6	2991.9999888539
ontime7	2991.9999888539
l2events	21748



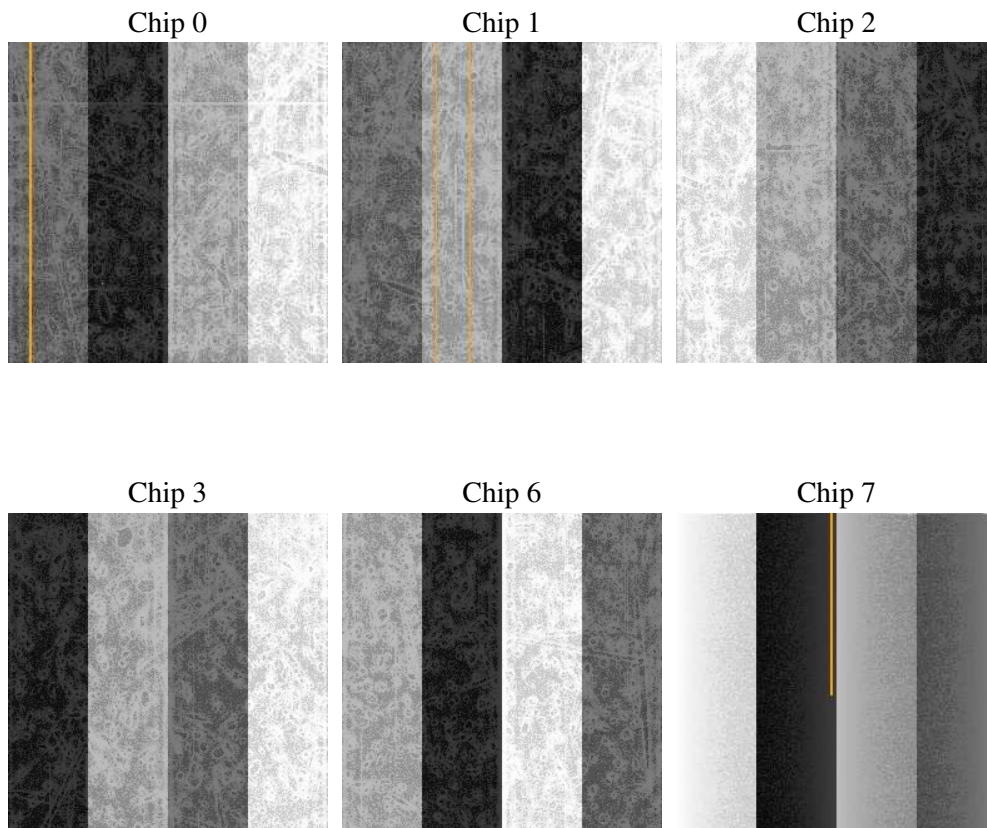
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-05-01T14:43:11
revision	2

sched_exp_time	3000.000000
ontime	2997.9333928525
ontime0	2997.9333928525
ontime1	2997.9333928525
ontime2	2997.9333928525
ontime3	2997.9333928525
ontime6	2997.9333928525
ontime7	2997.9333928525
l1events	134838

2.1.4 Events

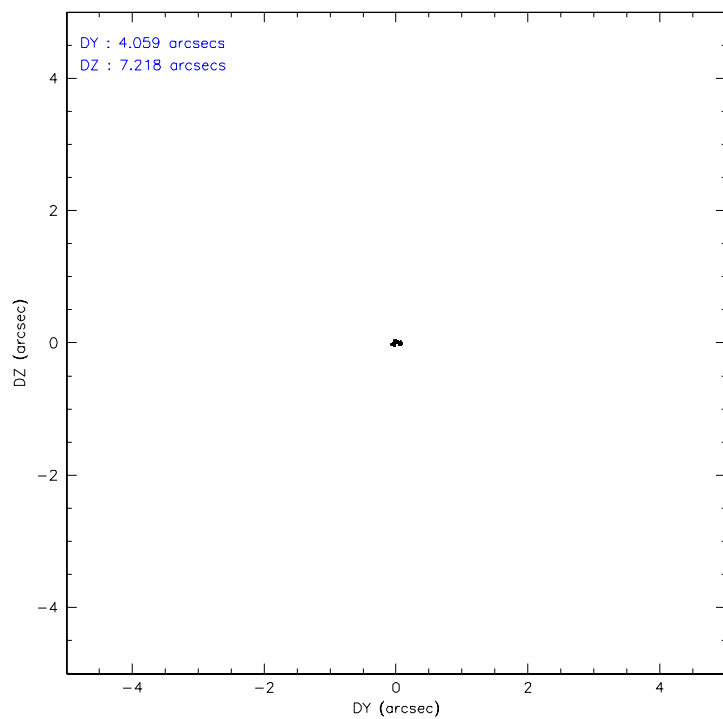
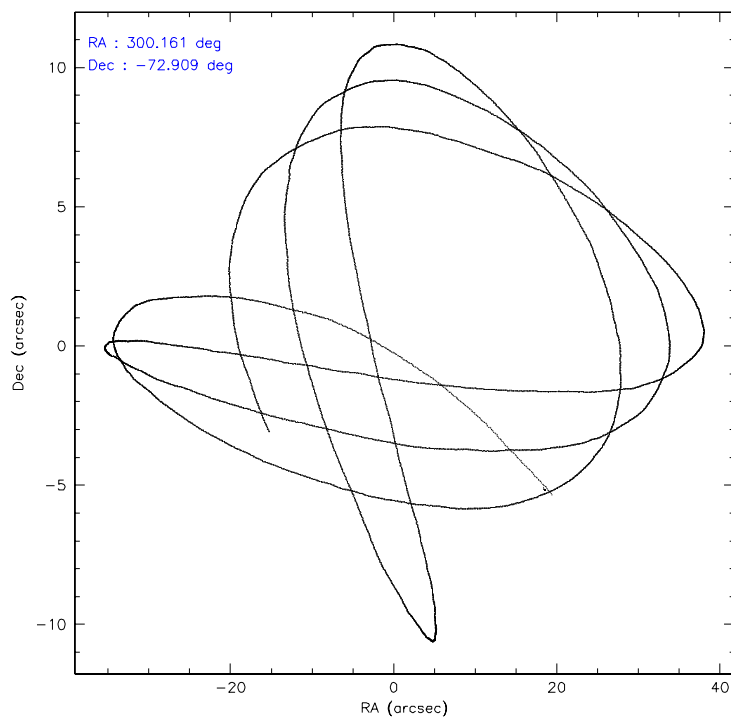
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	19795	19775	21507	21430	23294	29037
rejected events	17115	17047	19110	18963	20723	18080
rejected %	86%	86%	88%	88%	88%	62%

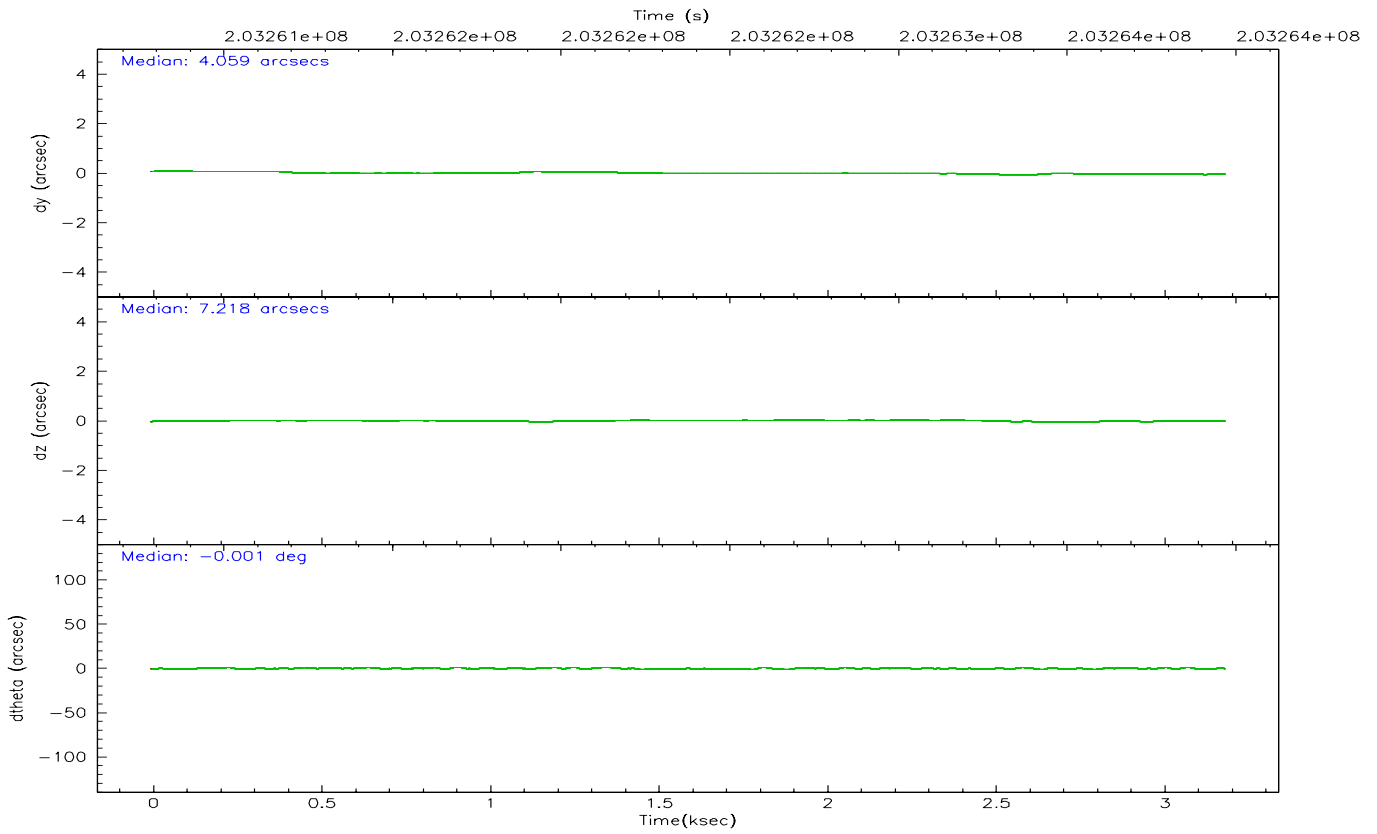
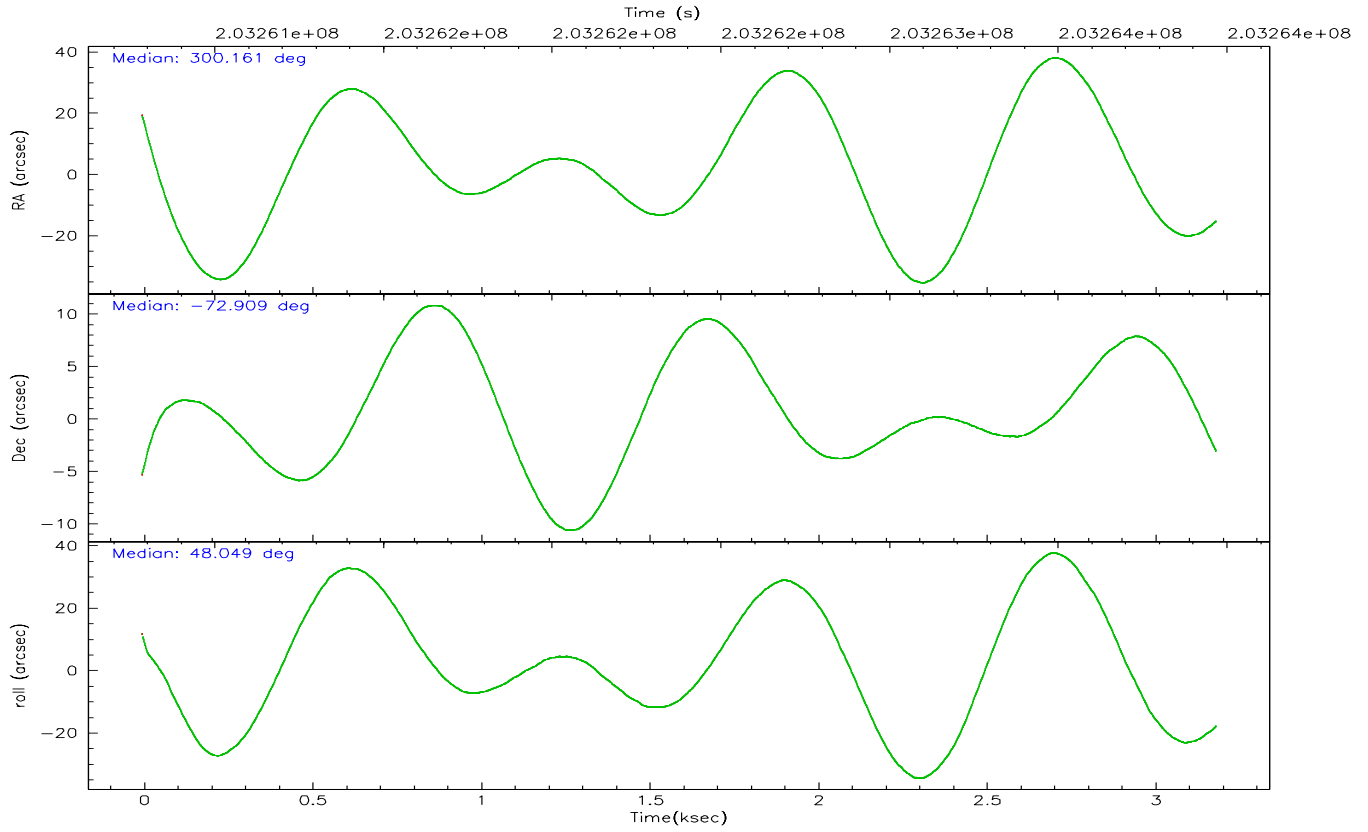
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1135	1132	1035	1086	1058	591
	5%	5%	4%	5%	4%	2%
grade 1 events	13	10	10	12	15	20
	0%	0%	0%	0%	0%	0%
grade 2 events	562	552	500	480	567	2722
	2%	2%	2%	2%	2%	9%
grade 3 events	281	268	257	256	245	520
	1%	1%	1%	1%	1%	1%
grade 4 events	260	225	239	231	231	557
	1%	1%	1%	1%	0%	1%
grade 5 events	890	920	849	977	994	1883
	4%	4%	3%	4%	4%	6%
grade 6 events	445	557	369	419	479	6594
	2%	2%	1%	1%	2%	22%
grade 7 events	16209	16111	18248	17969	19705	16150
	81%	81%	84%	83%	84%	55%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	300.142862	300.1611996622797	Alternating exposures requested	N	N
Pointing Dec	-72.935120	-72.9082375200021	Primary exposure time	0.000000	3.2
Pointing Roll	47.831811	48.05799928743223			
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	203260963.184000	203259985.18569			
Observation start date	2004-06-10T13:21:39	2004-06-10T13:06:25			
Observation end time	203263963.184000	203264674.5609			
Observation end date	2004-06-10T14:11:39	2004-06-10T14:24:34			
Read mode	TIMED	TIMED			

2.3 Aspect



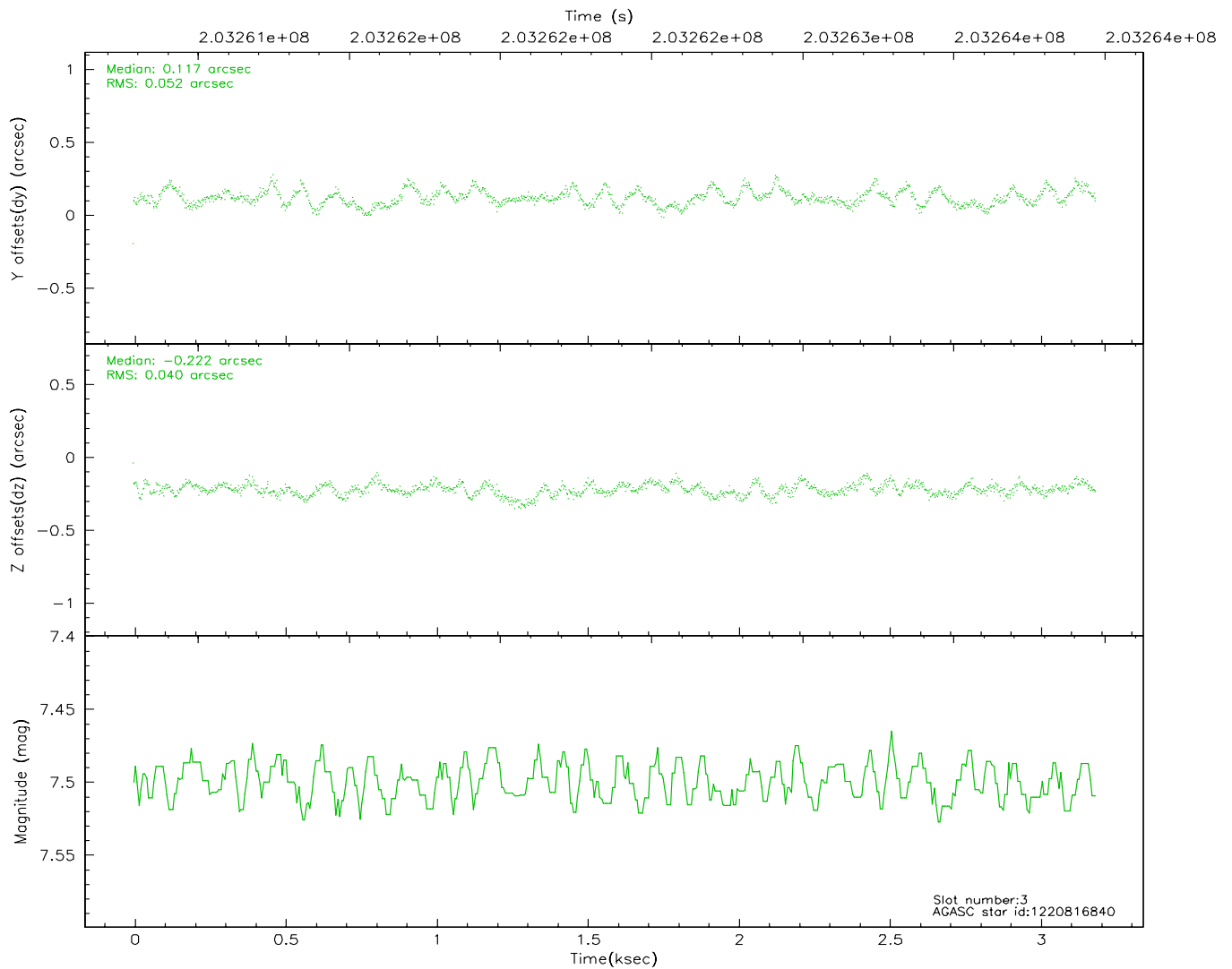
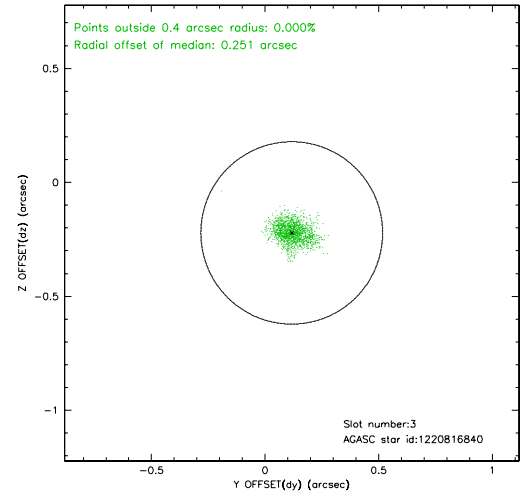
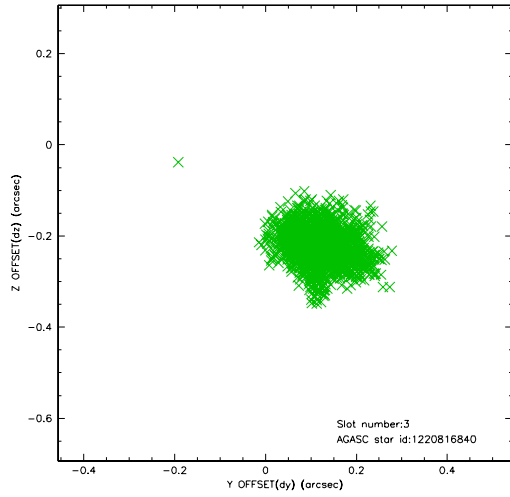


Slot Statistics

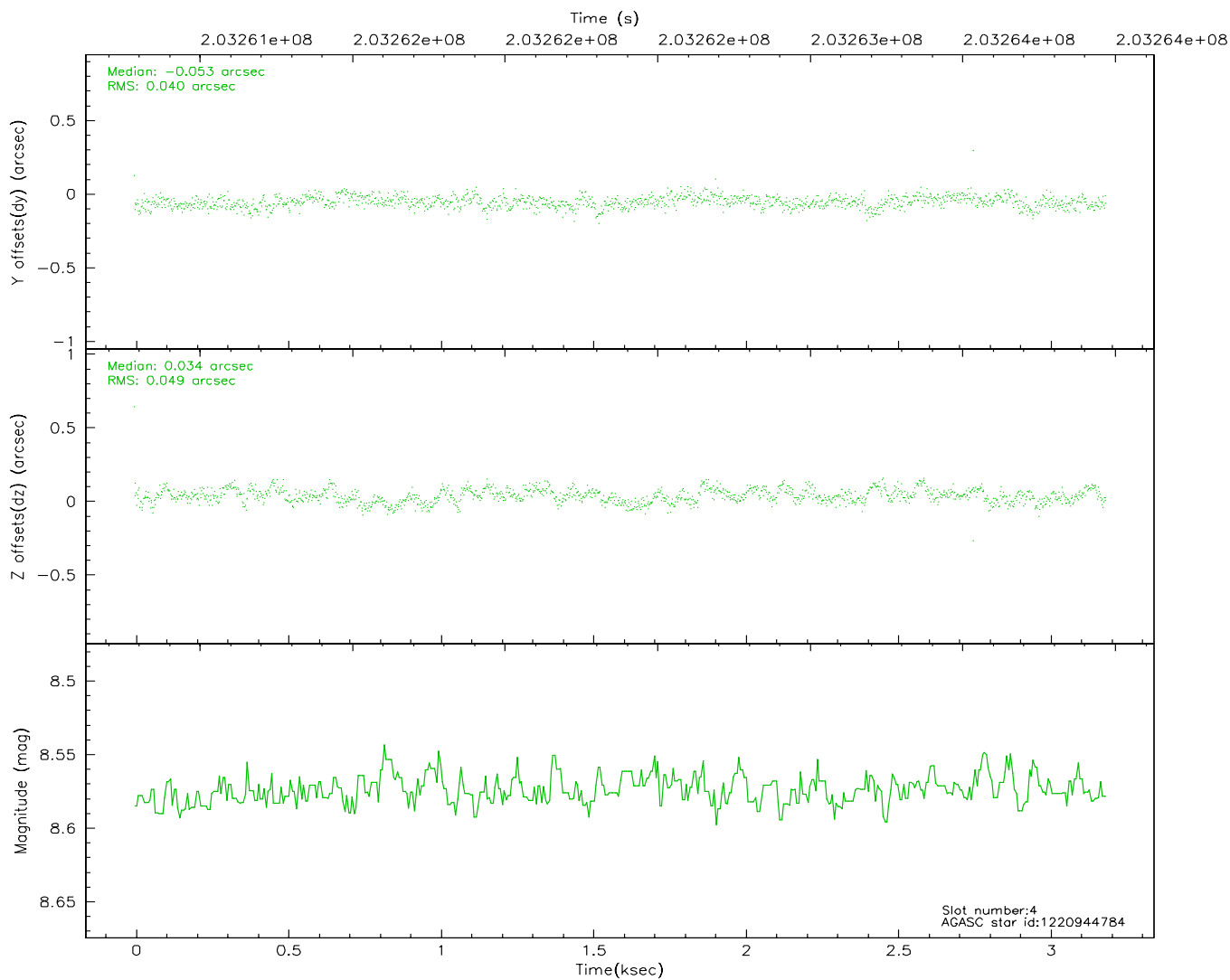
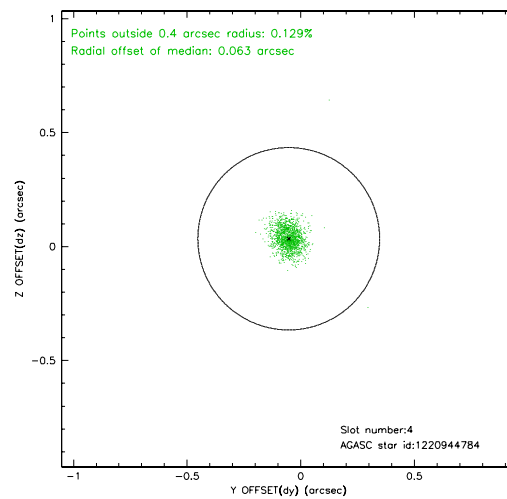
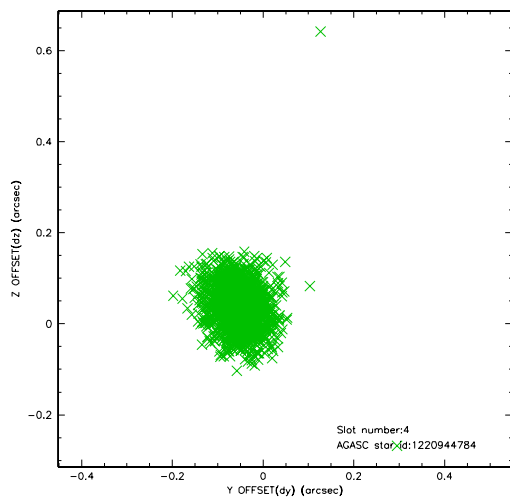
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	778	0.036	0.009	0.006	0.009	0.000000	0.000000	935.72	-830.62
1	FID	ACIS-I-5	7.23	777	-0.137	0.066	0.006	0.009	0.000000	0.000000	-1811.41	1065.98
2	FID	ACIS-I-6	7.25	777	0.009	-0.005	0.007	0.012	0.000000	0.000000	399.12	1712.64
3	GUIDE	1220816840	7.50	1555	0.117	-0.222	0.070	0.113	297.809006	-72.795185	-1330.29	2145.99
4	GUIDE	1220944784	8.57	1555	-0.053	0.034	0.065	0.106	302.438929	-72.762609	2069.23	-1428.56
5	GUIDE	1221463712	9.57	1555	-0.055	0.097	0.102	0.169	302.388651	-73.130354	1023.20	-2241.27
6	GUIDE	1220937768	9.43	1555	0.083	-0.005	0.082	0.136	300.365973	-72.098385	2398.96	1837.16
7	GUIDE	1220940928	9.75	1551	-0.093	0.091	0.112	0.175	302.072335	-72.559480	2376.83	-656.43

2.4 Star Slots

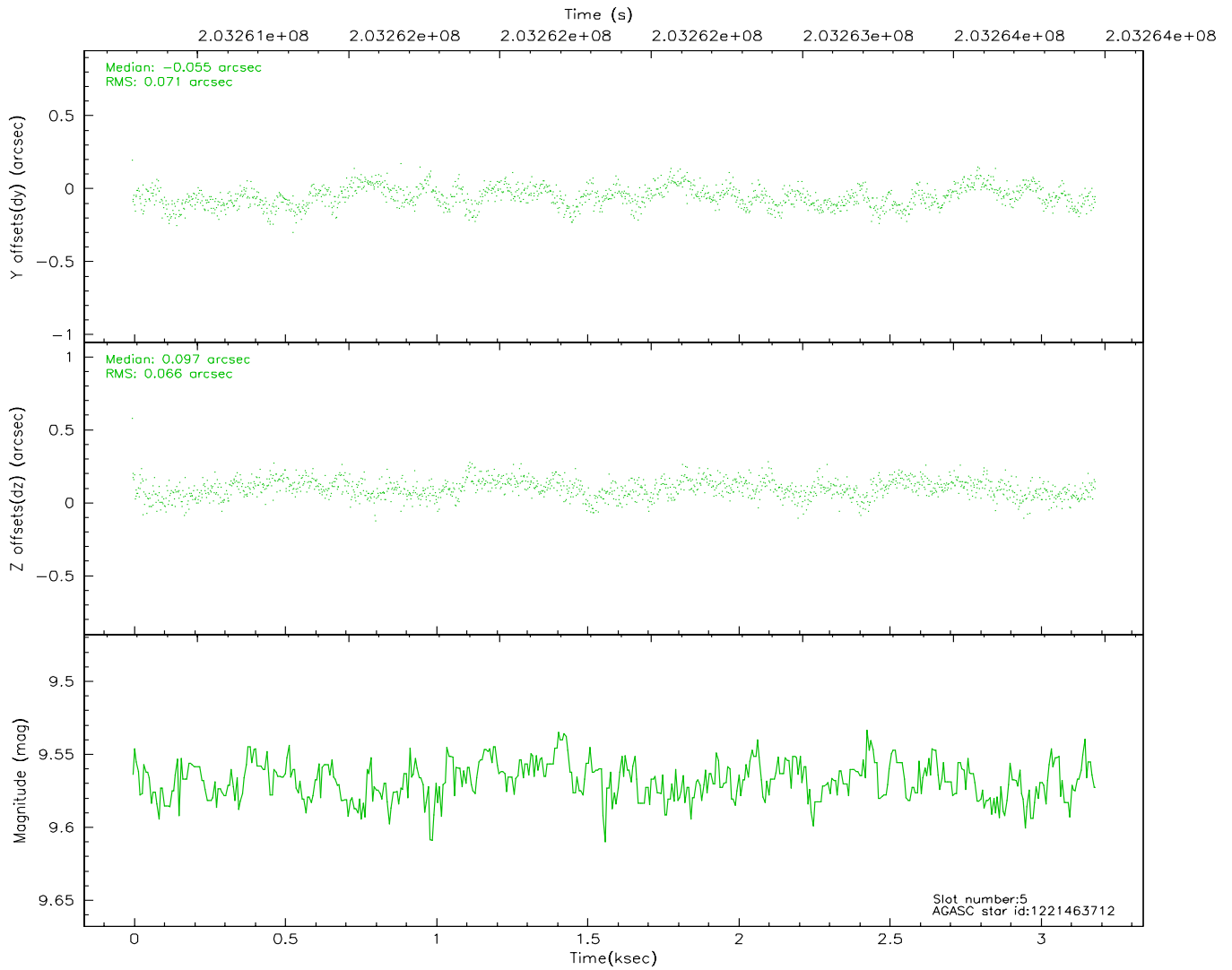
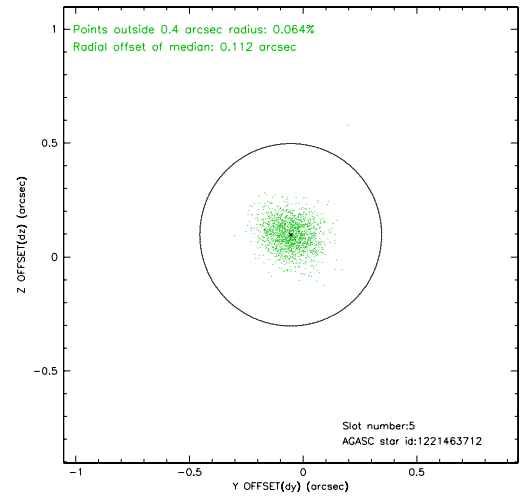
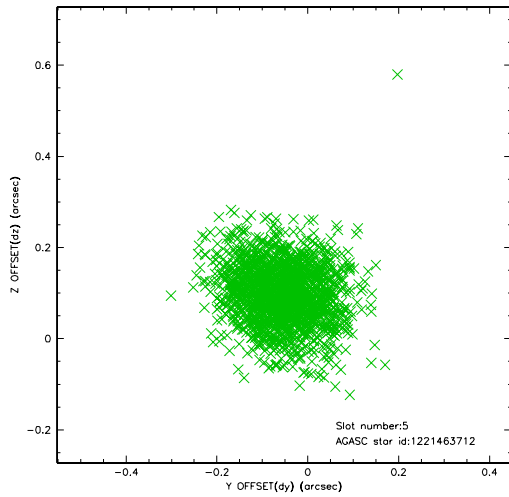
2.4.1 Slot 3



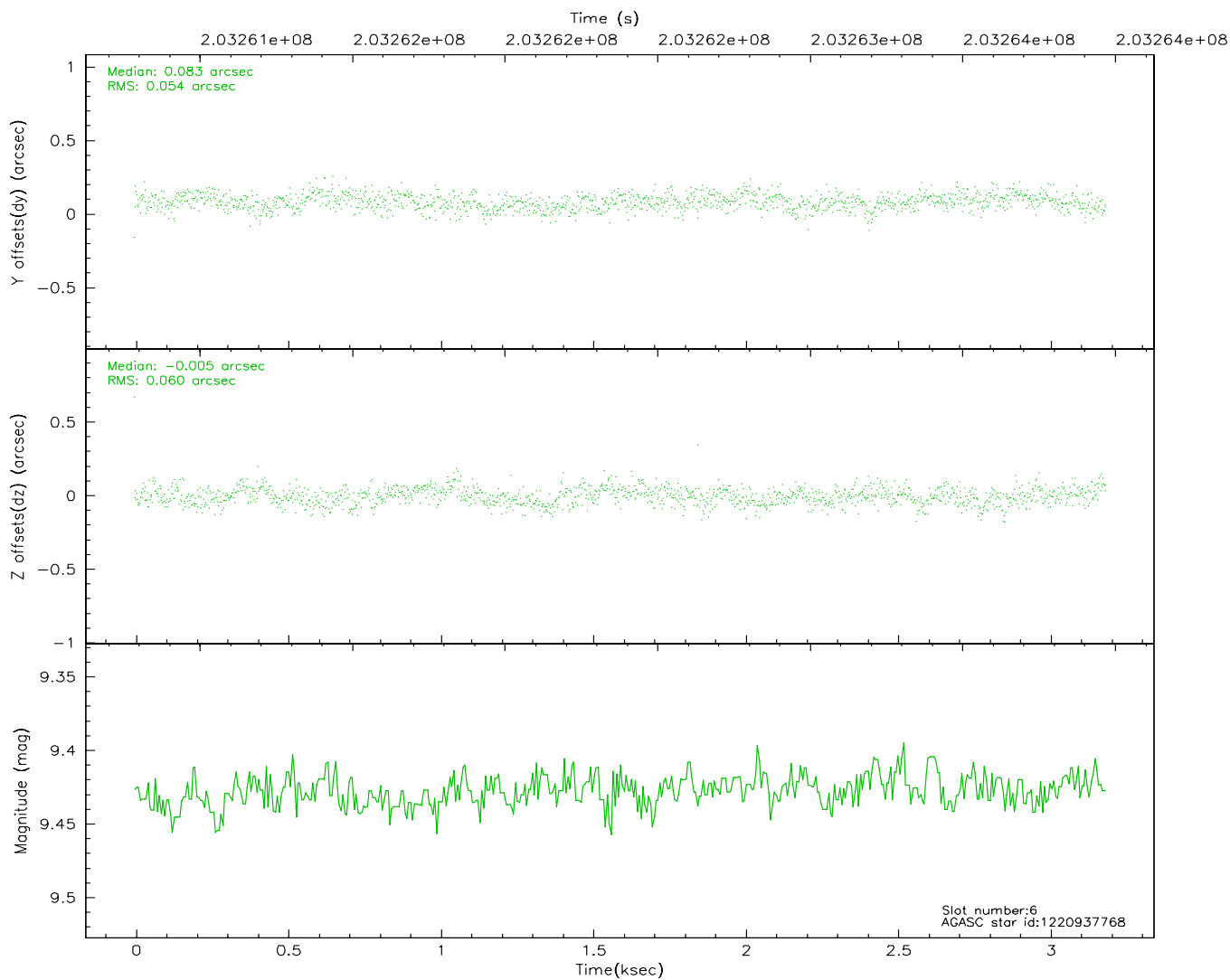
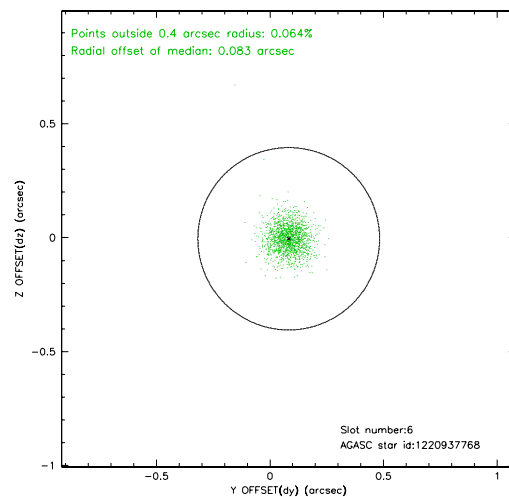
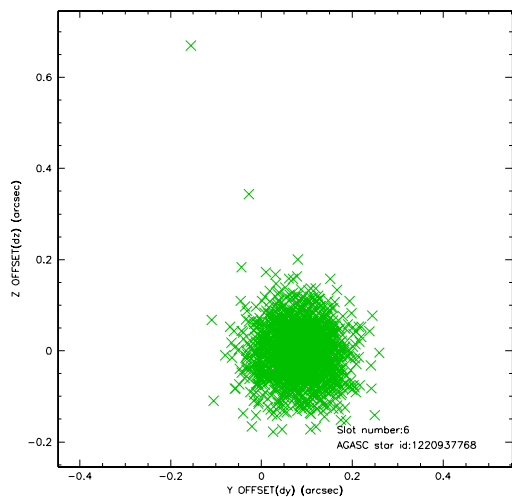
2.4.2 Slot 4



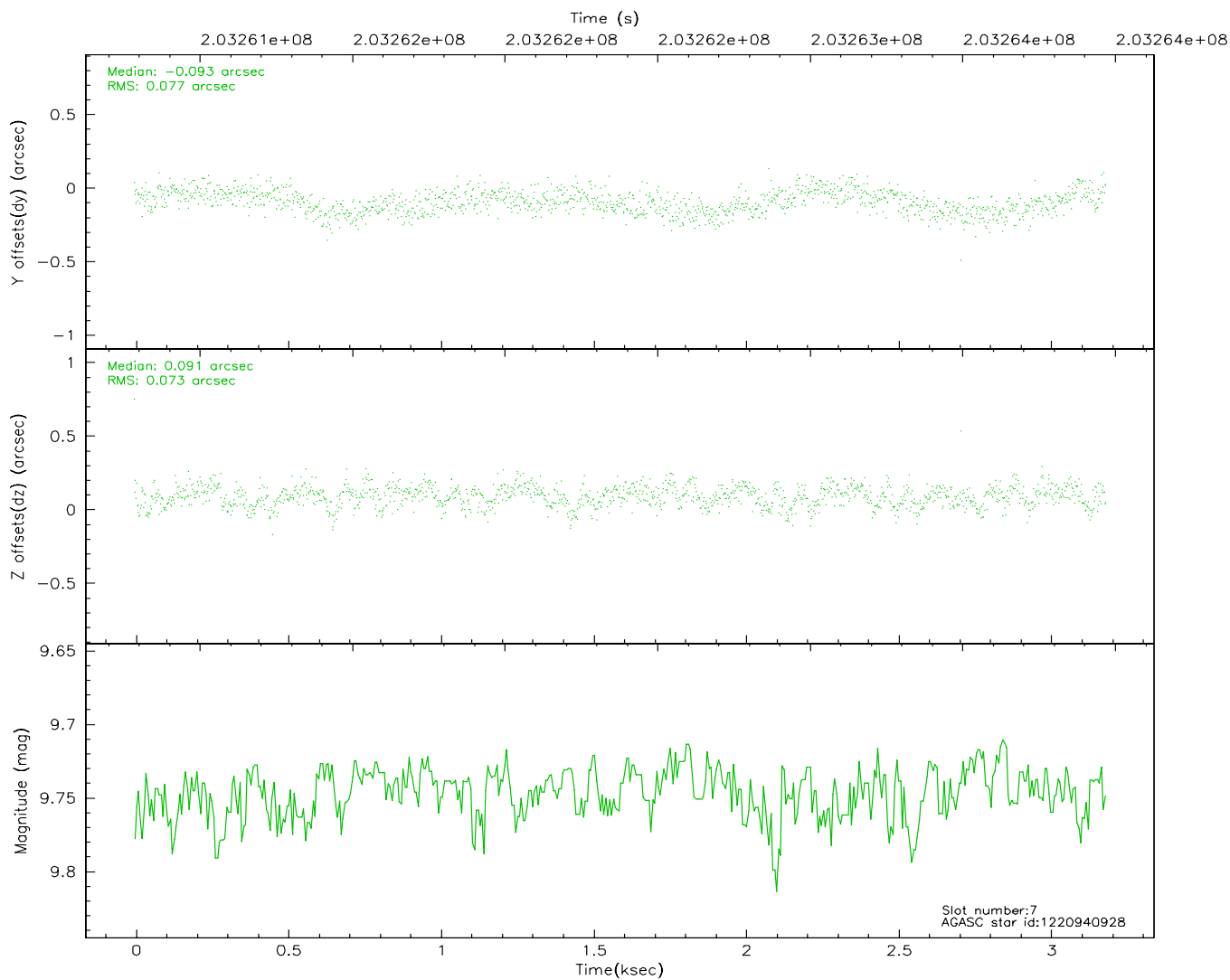
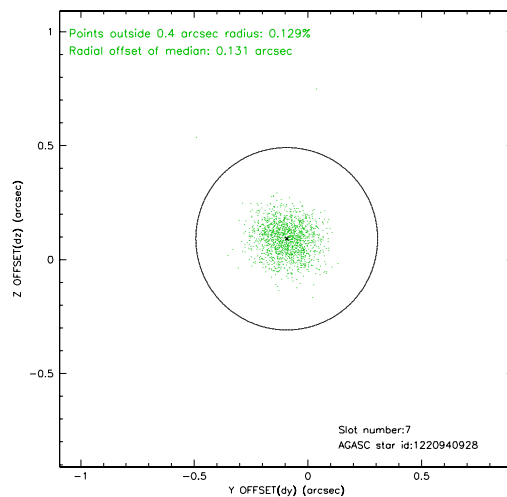
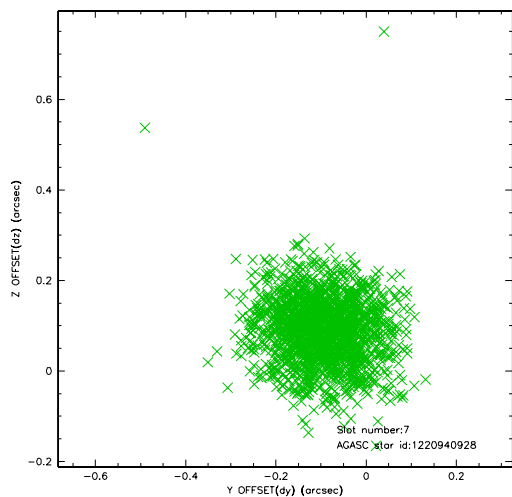
2.4.3 Slot 5



2.4.4 Slot 6

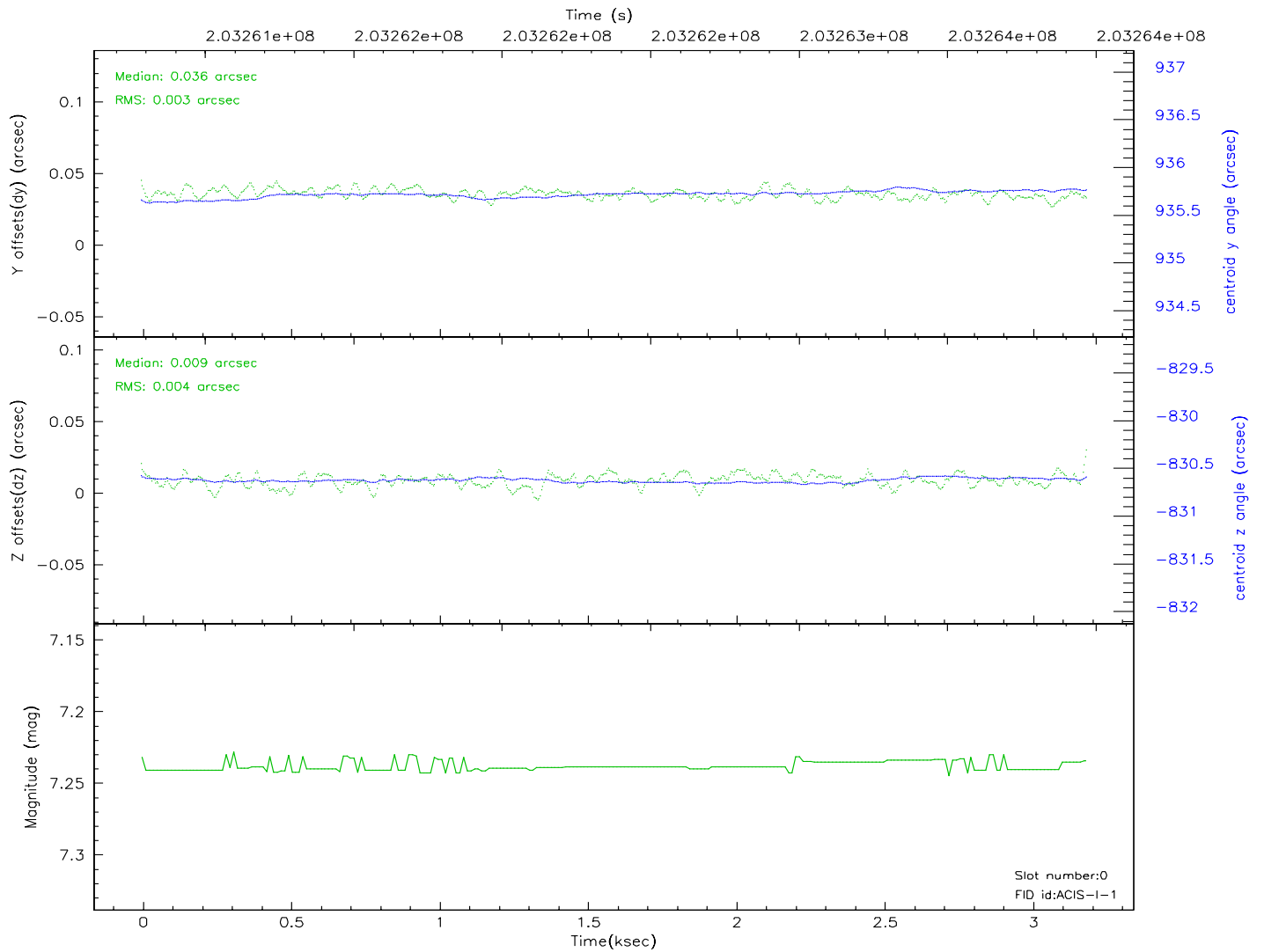
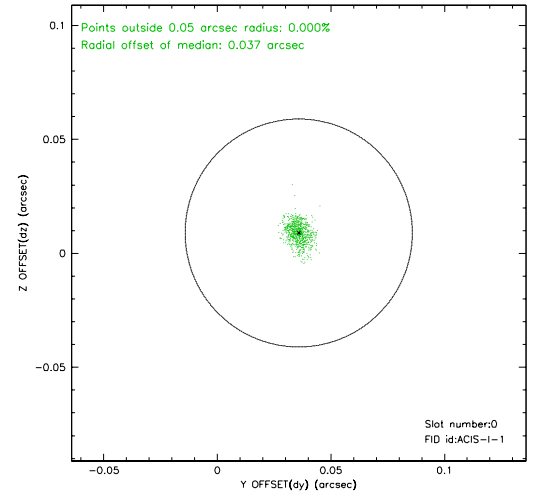
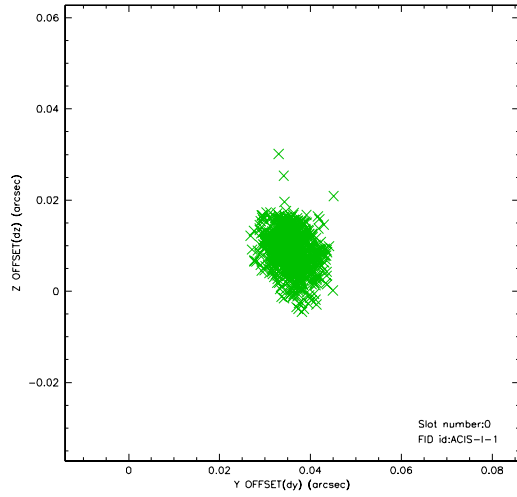


2.4.5 Slot 7

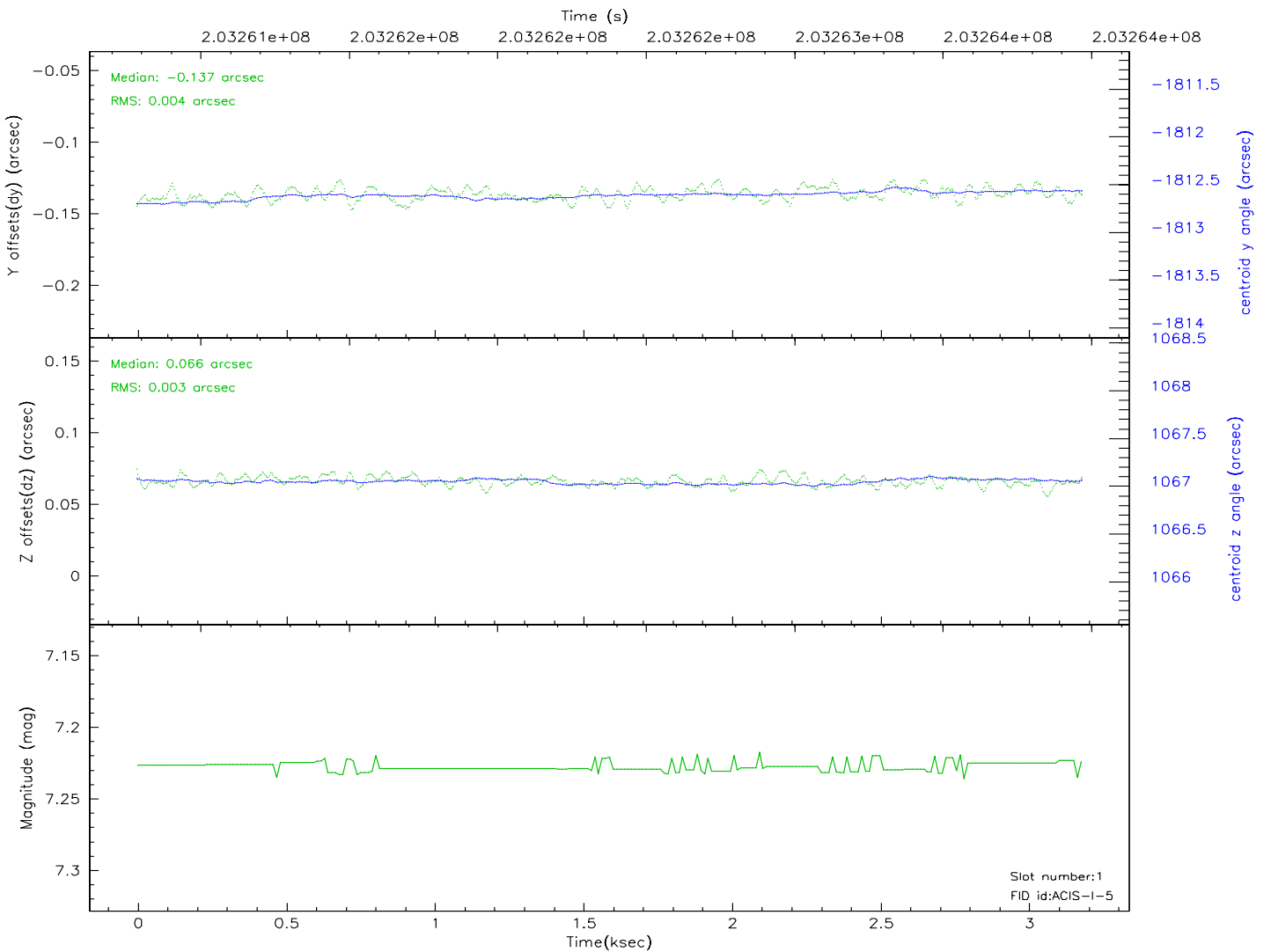
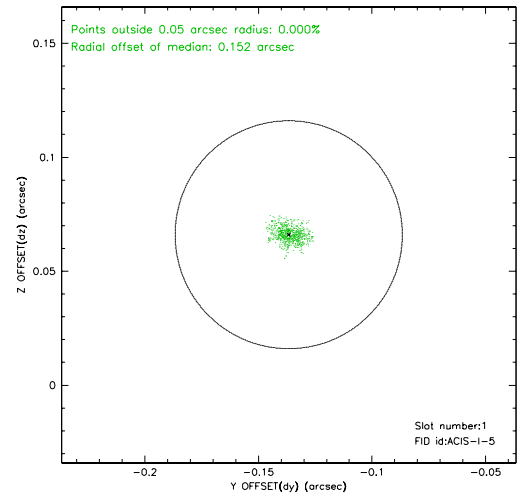
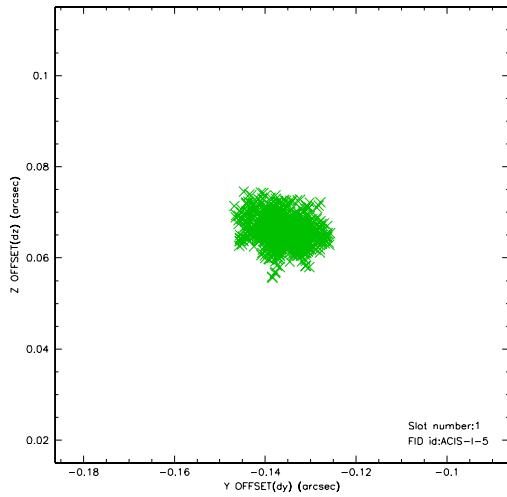


2.5 FID Slots

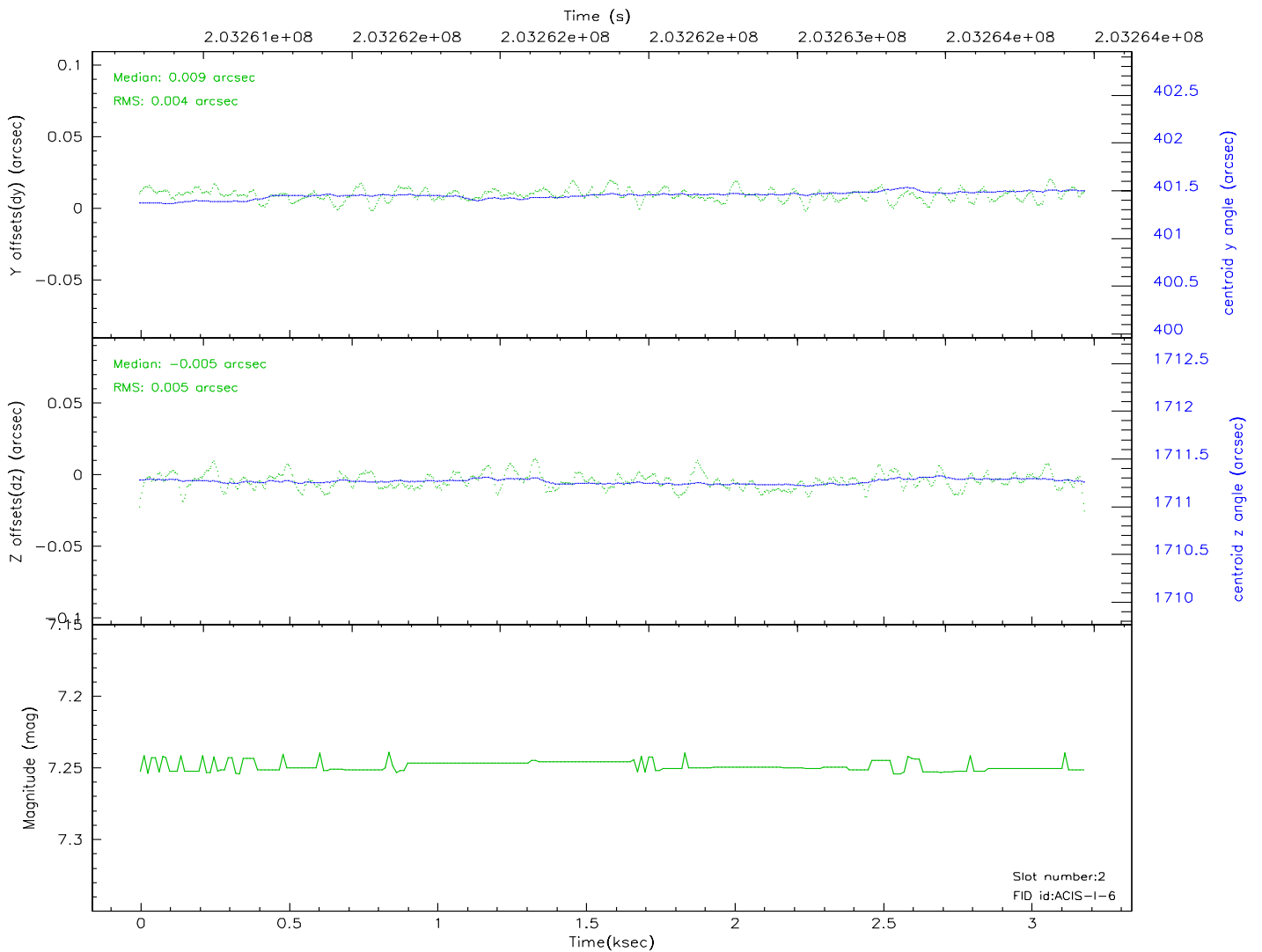
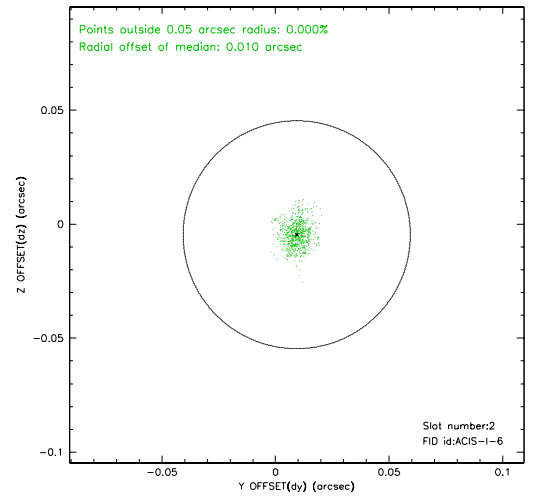
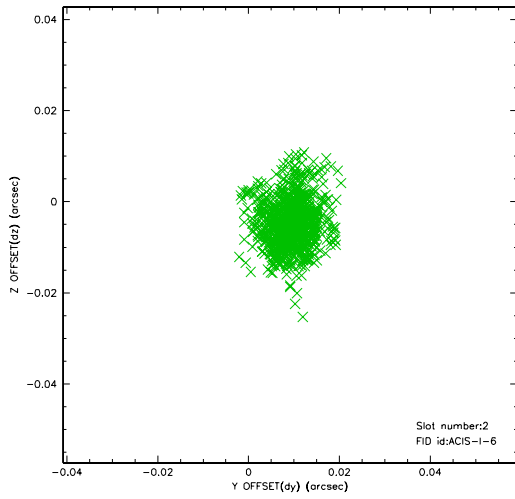
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.53 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.995

A.2 Comments