

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3639 - L2 Version 001
Chandra X-Ray Center

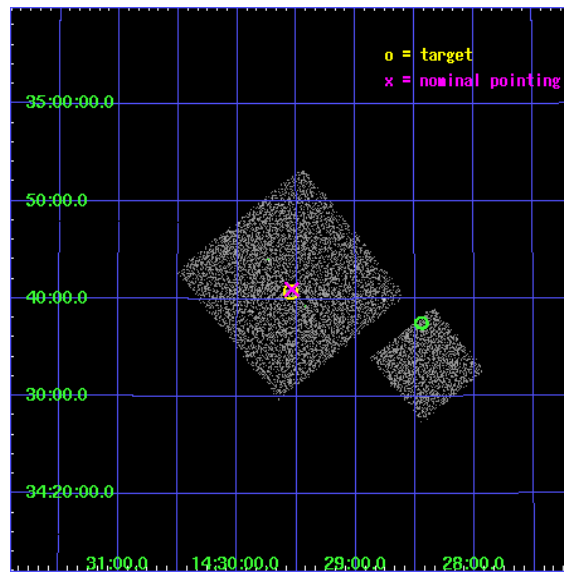
L2 Processing Date : Jul 30 2006

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1 Front

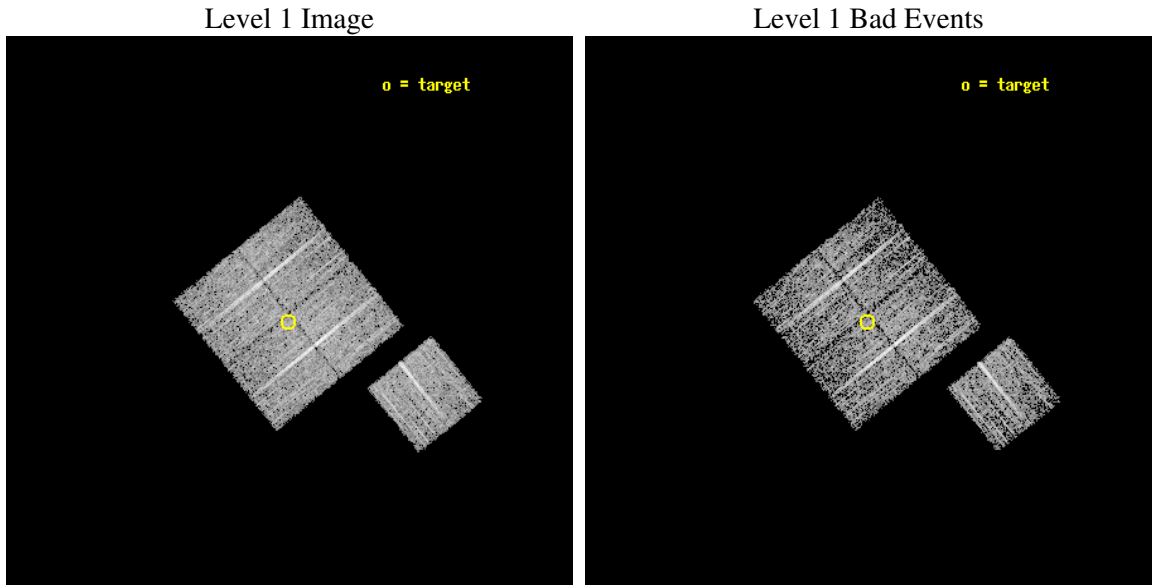
seq_num	900239
obs_id	3639
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD
observer	Dr. Stephen Murray
object	NOAO FIELD F30
dtcycle	0
cycle	P
ra_targ	217.38708
dec_targ	34.679082
ra_nom	217.38440250514
dec_nom	34.683139368315
roll_nom	141.01020453783
revision	2
ontime	4578.6999911964
livetime	4518.8759050215
ontime0	4578.6999911964
ontime1	4578.6999911964
ontime2	4578.6999911964
ontime3	4578.6999911964
ontime6	4578.6999911964
l2events	11547



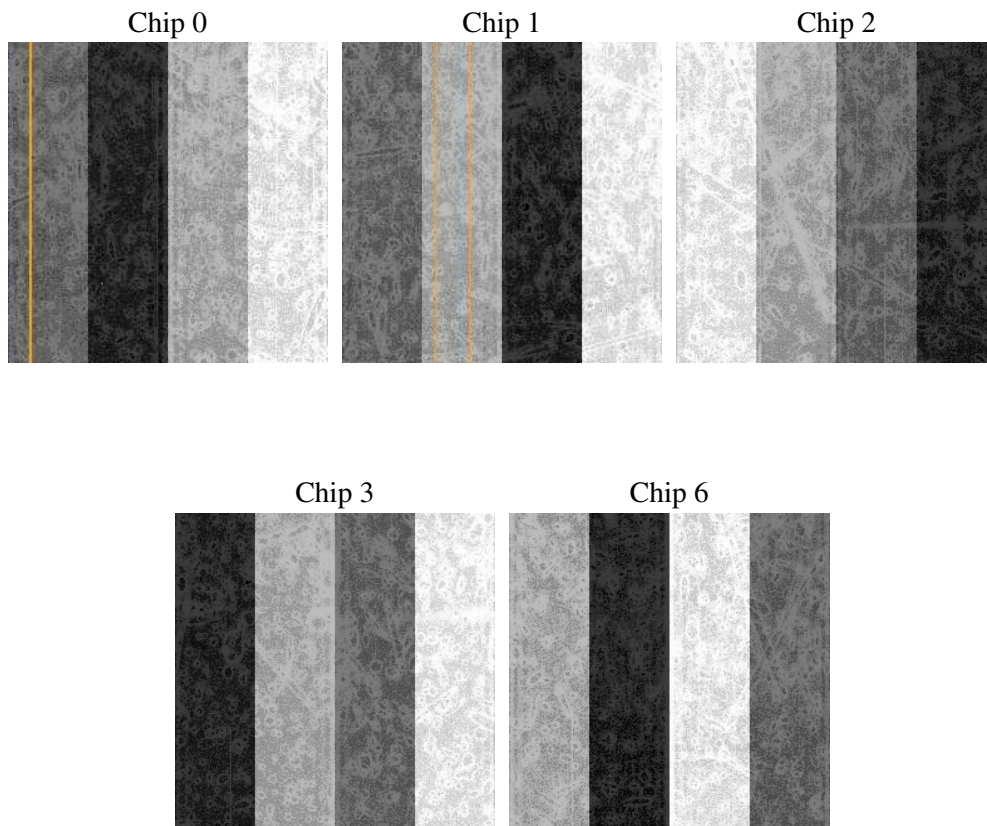
2 OBI

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	2006-07-30T08:04:41
revision	2

sched_exp_time	4800.000000
ontime	4582.7253034115
ontime0	4582.7253034115
ontime1	4582.7253034115
ontime2	4582.7253034115
ontime3	4582.7253034115
ontime6	4582.7252735198
l1events	116742

2.1.4 Events

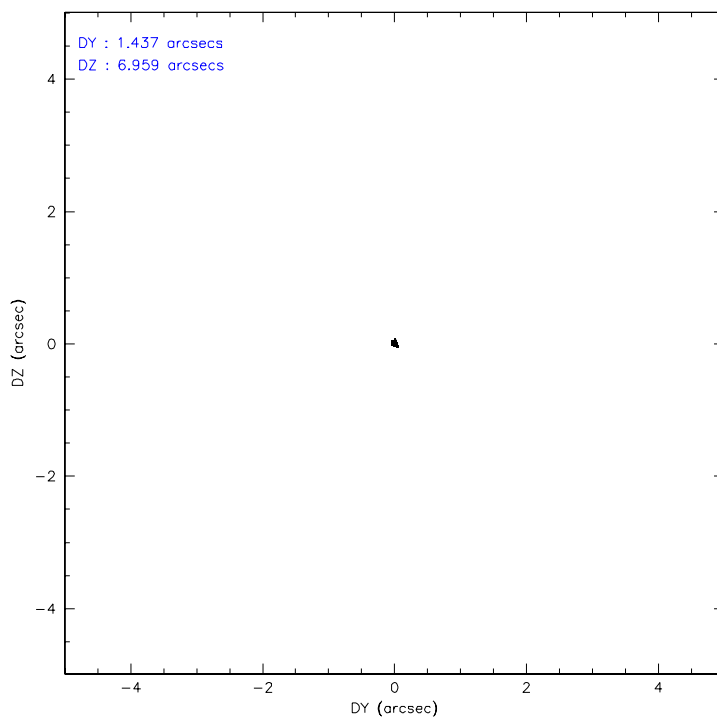
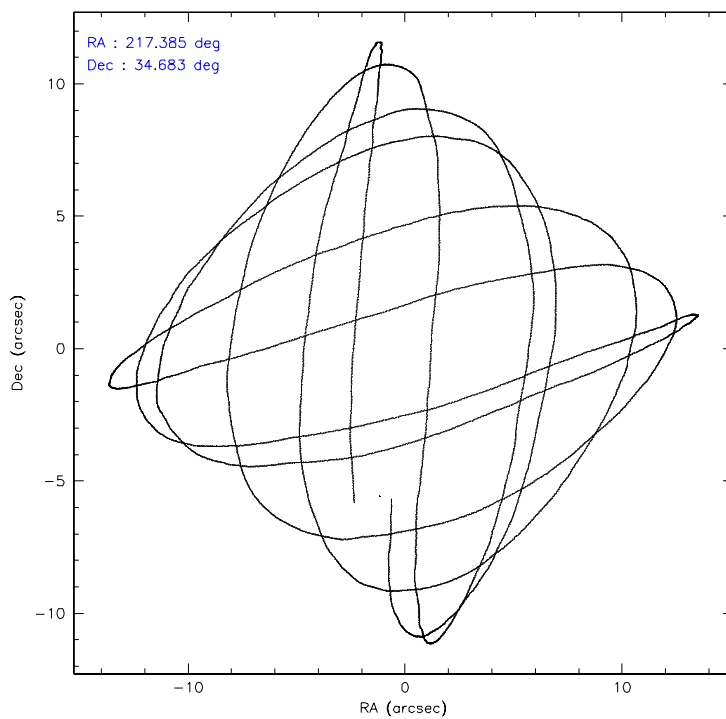
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21628	22764	25060	22818	24472
rejected events	18967	19805	22355	20260	21650
rejected %	87%	87%	89%	88%	88%

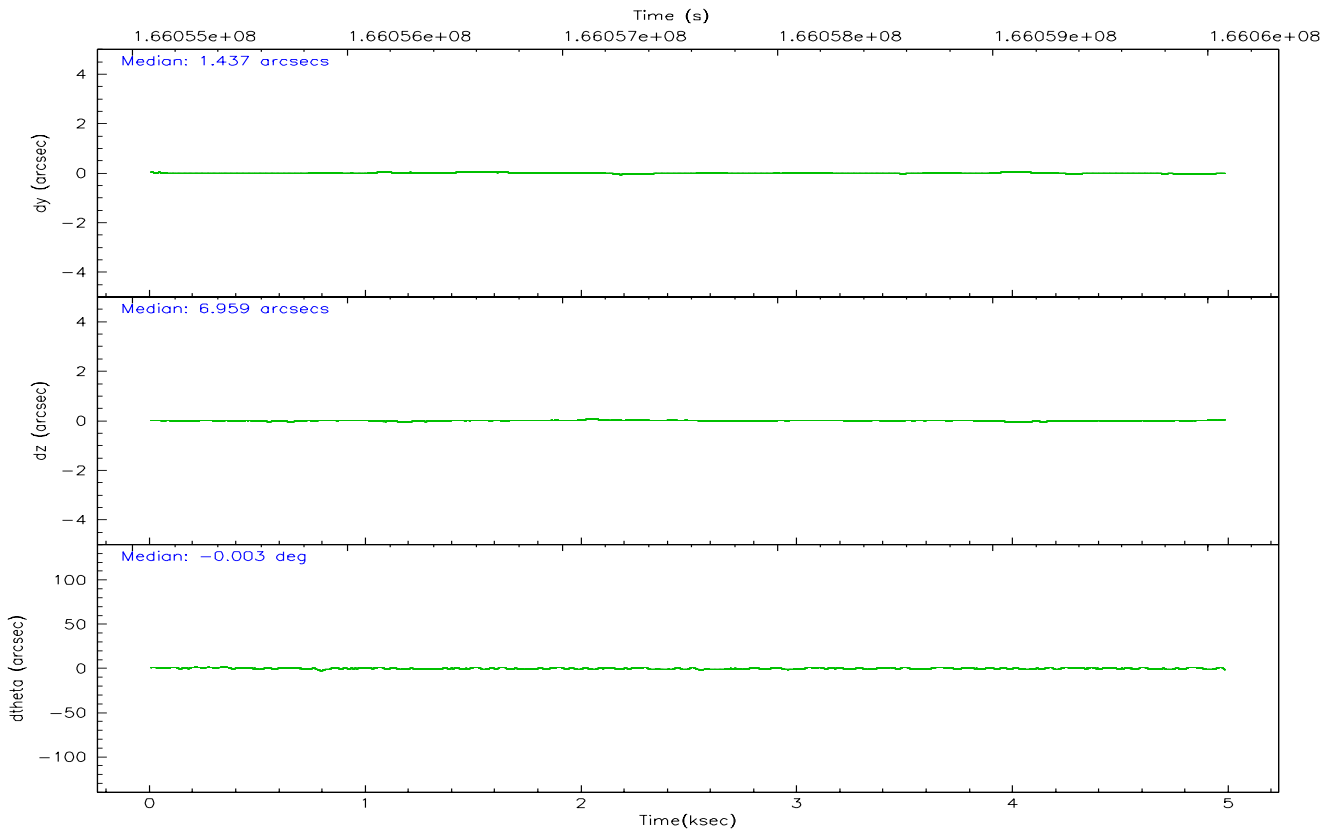
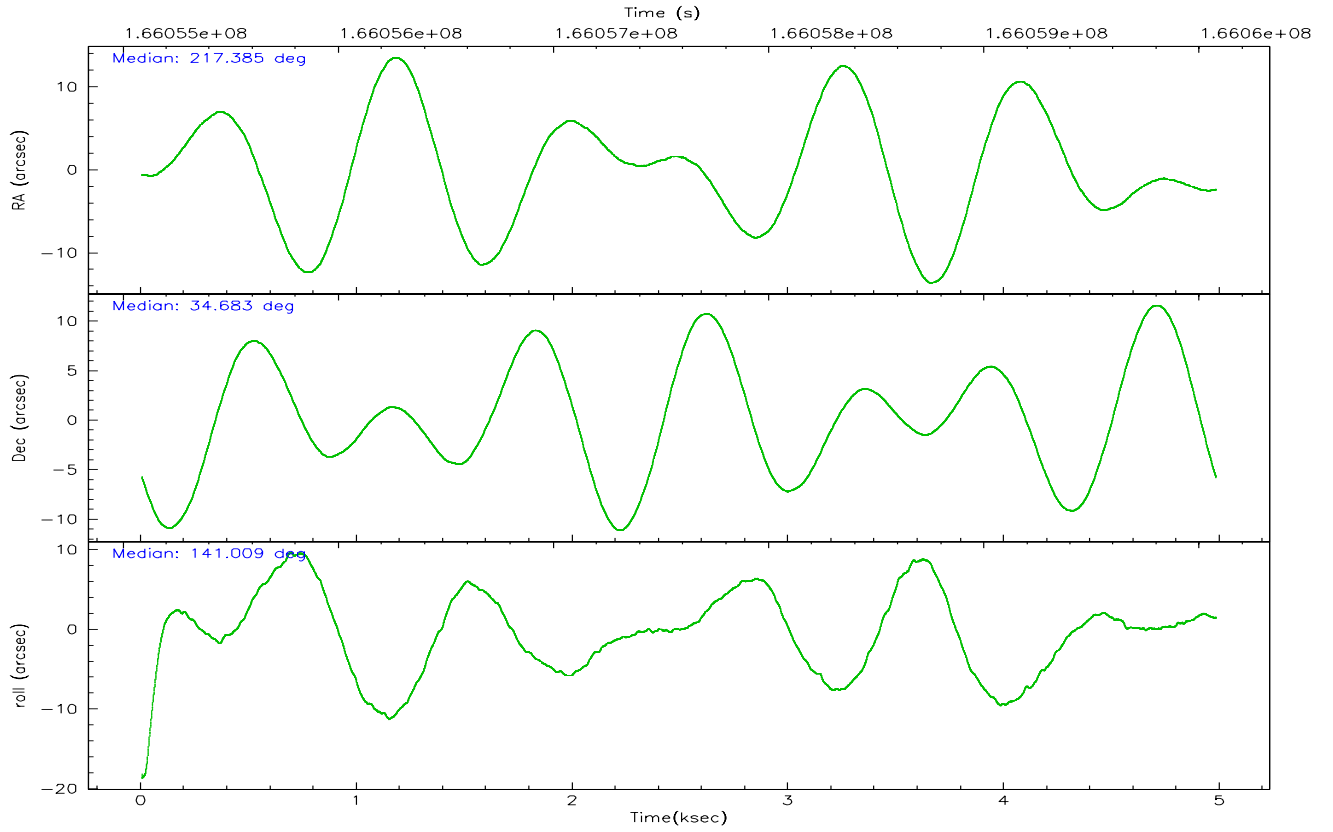
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1159	1225	1229	1064	1170
	5%	5%	4%	4%	4%
grade 1 events	10	8	16	6	11
	0%	0%	0%	0%	0%
grade 2 events	559	612	547	466	519
	2%	2%	2%	2%	2%
grade 3 events	262	296	266	293	274
	1%	1%	1%	1%	1%
grade 4 events	240	295	219	256	290
	1%	1%	0%	1%	1%
grade 5 events	693	733	643	737	767
	3%	3%	2%	3%	3%
grade 6 events	442	532	444	480	570
	2%	2%	1%	2%	2%
grade 7 events	18263	19063	21696	19516	20871
	84%	83%	86%	85%	85%

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	217.417338	217.3844025051416	Alternating exposures requested	N	N
Pointing Dec	34.678999	34.68313936831458	Primary exposure time	0.000000	3.1
Pointing Roll	140.782781	141.0102045378289			
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	166055275.184000	166054899.50297			
Observation start date	2003-04-06T22:26:51	2003-04-06T22:21:39			
Observation end time	166060075.184000	166060209.51569			
Observation end date	2003-04-06T23:46:51	2003-04-06T23:50:09			
Read mode	TIMED	TIMED			

2.3 Aspect



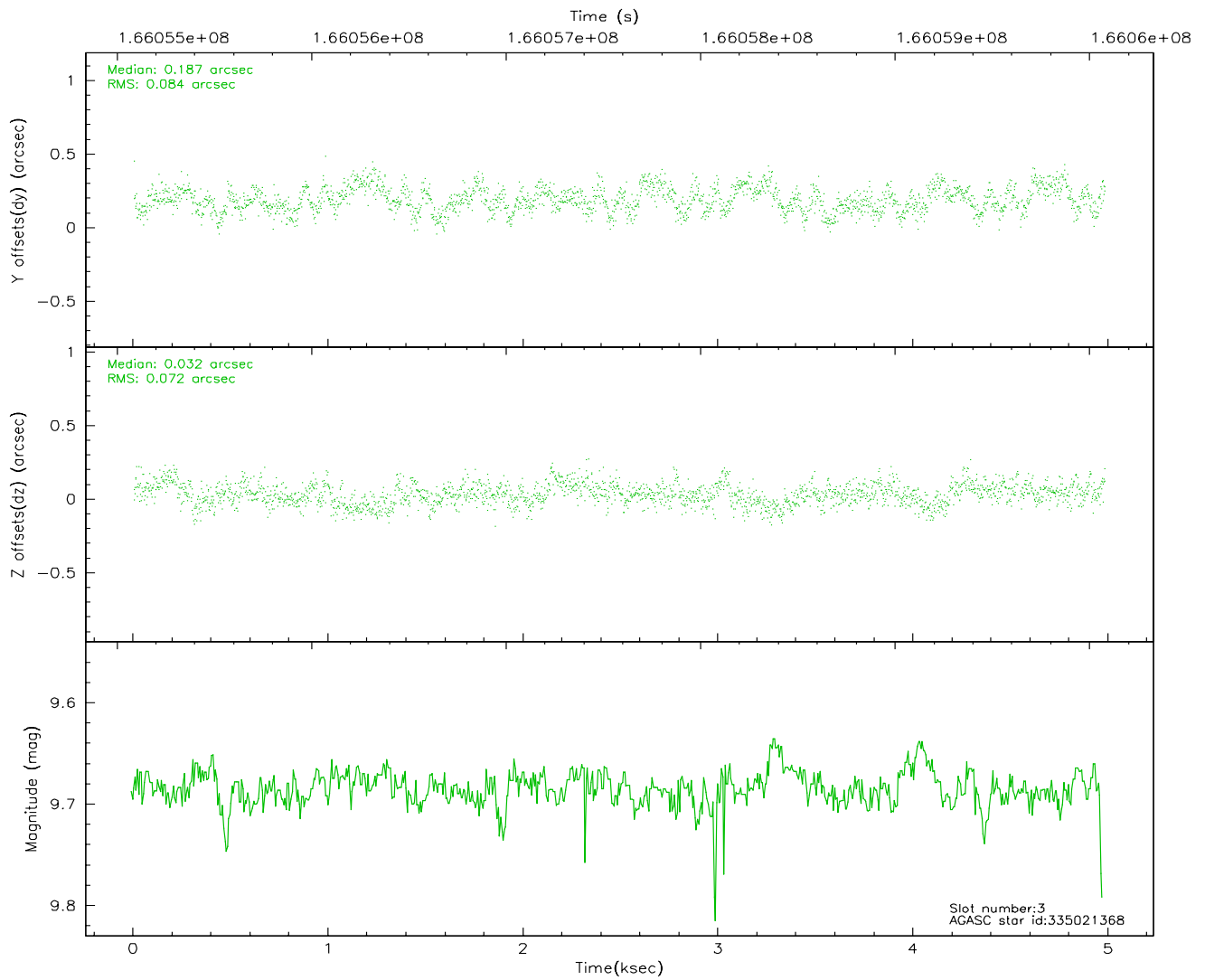
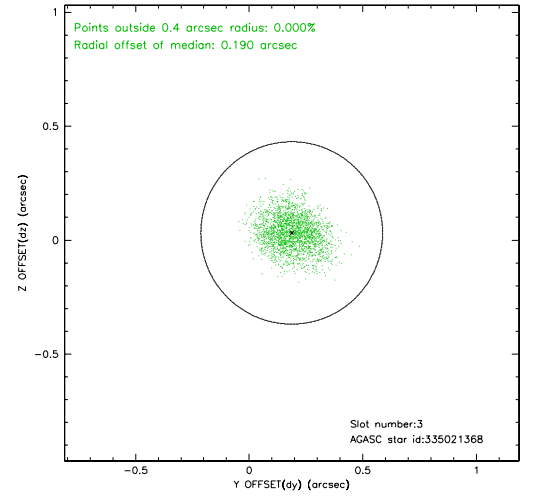
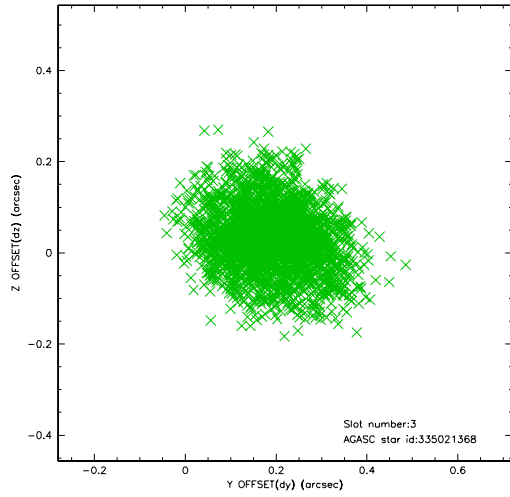


Slot Statistics

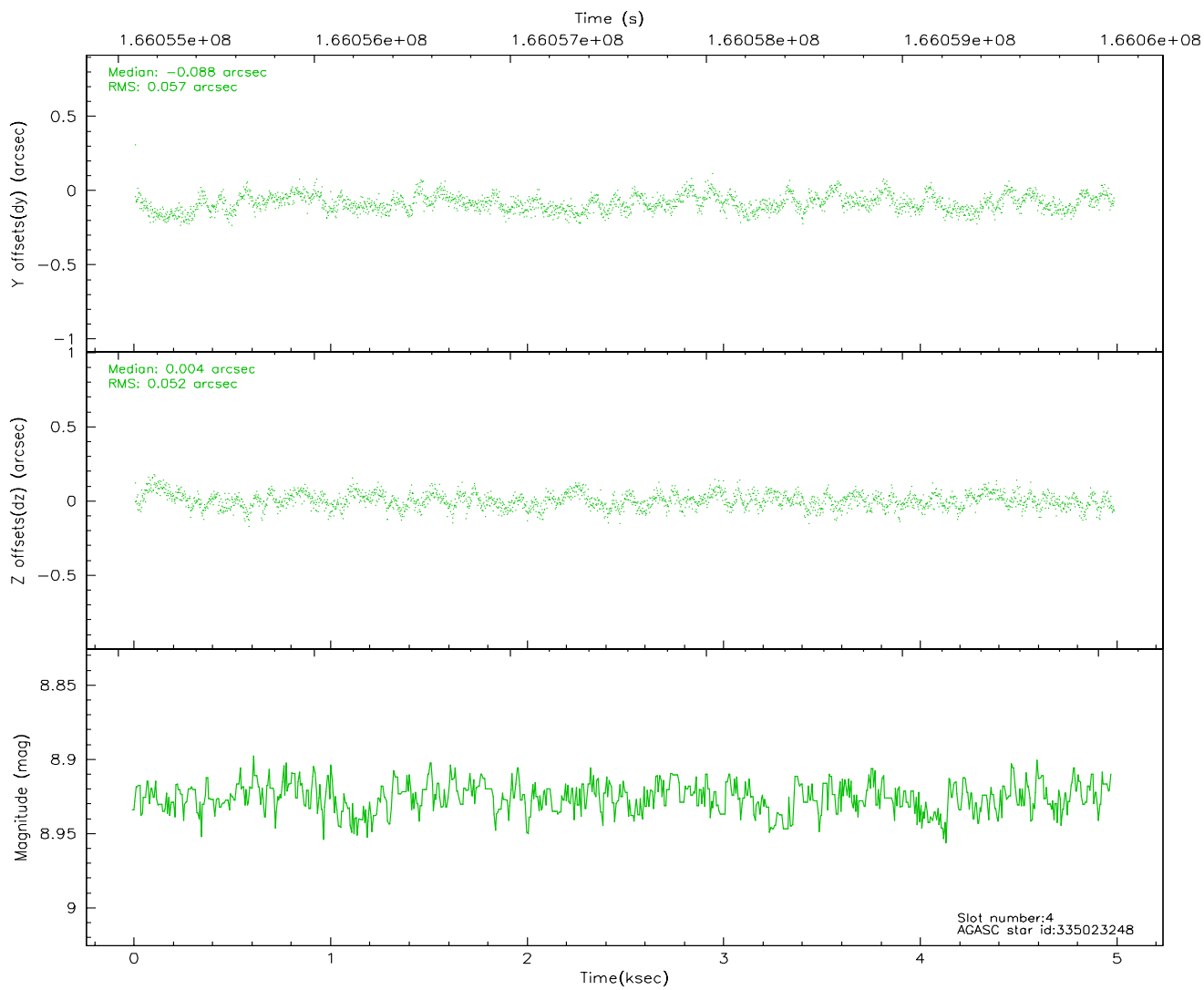
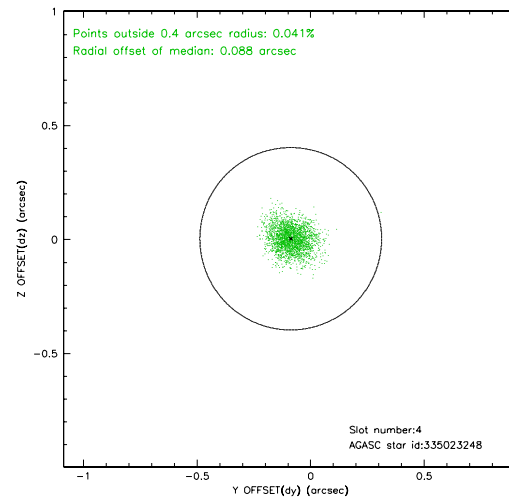
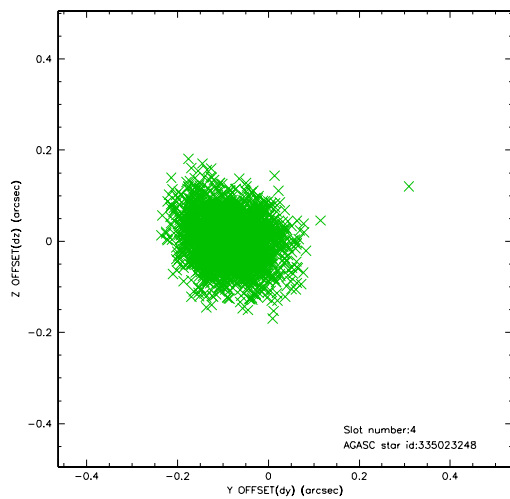
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	1215	-0.034	-0.070	0.008	0.015	0.000000	0.000000	-755.80	-836.80
1	FID	ACIS-I-4	7.18	1215	-0.022	0.046	0.005	0.010	0.000000	0.000000	2157.70	1068.92
2	FID	ACIS-I-5	7.23	1215	-0.045	0.093	0.008	0.014	0.000000	0.000000	-1808.09	1068.15
3	GUIDE	335021368	9.68	2420	0.187	0.032	0.120	0.186	217.529643	33.934817	-1953.38	1863.62
4	GUIDE	335023248	8.93	2430	-0.088	0.004	0.082	0.134	217.634832	34.944512	106.84	-1145.89
5	GUIDE	335025848	9.75	2428	0.016	-0.149	0.126	0.204	217.530531	33.778292	-2312.39	2297.50
6	GUIDE	335030384	8.83	2429	-0.105	-0.019	0.074	0.118	216.806407	34.722197	1501.40	1019.40
7	GUIDE	335417968	9.37	2427	-0.008	0.130	0.093	0.157	217.358149	35.055285	992.44	-938.47

2.4 Star Slots

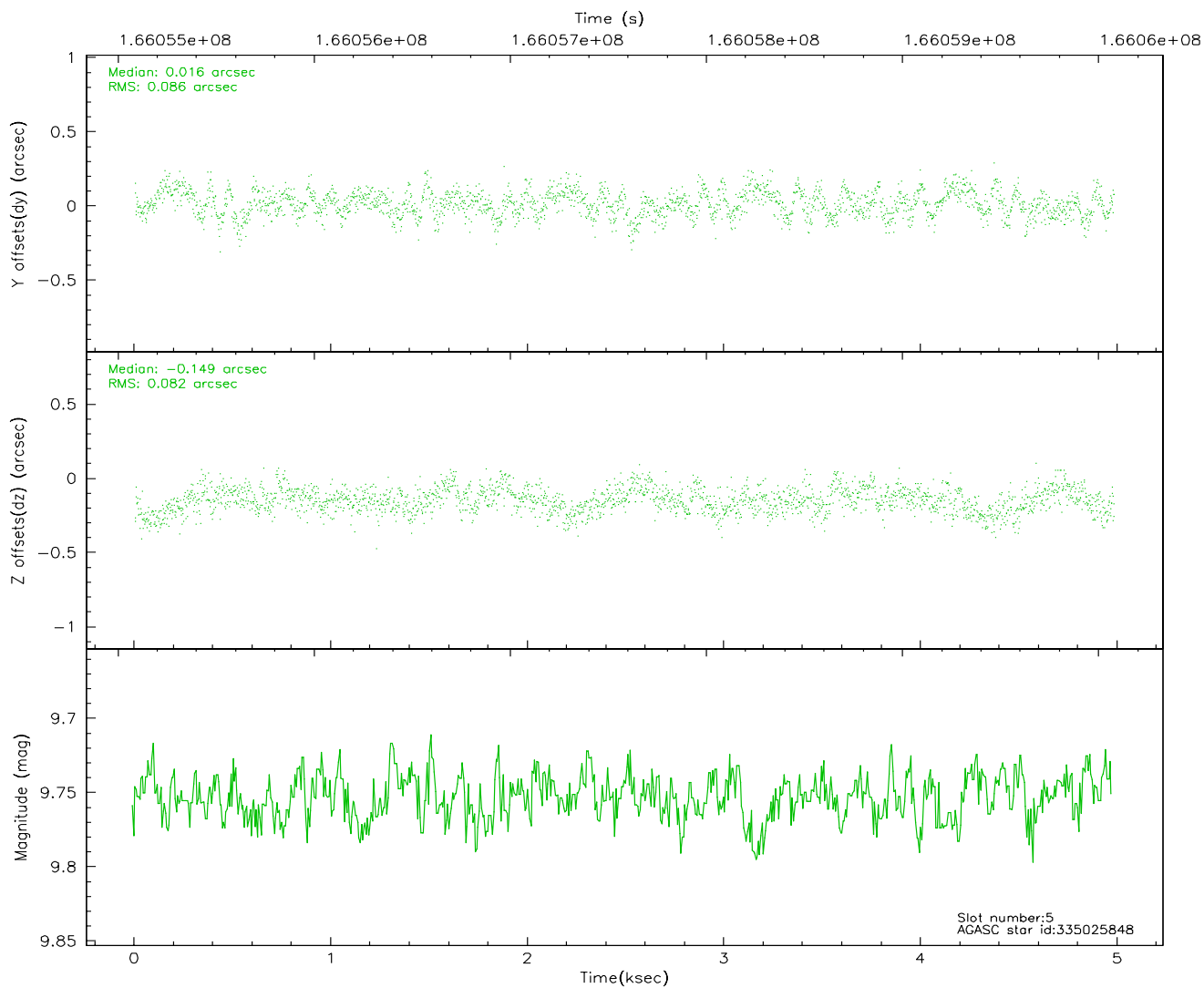
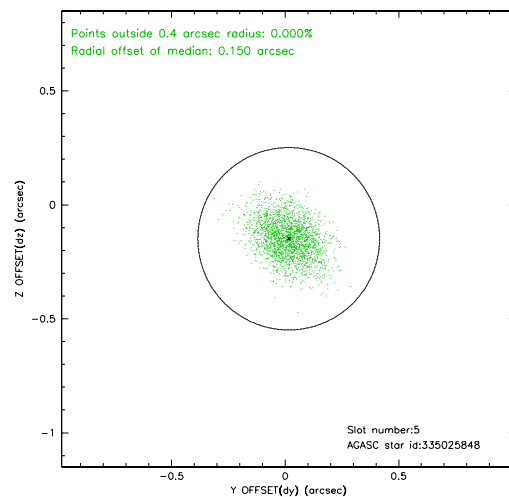
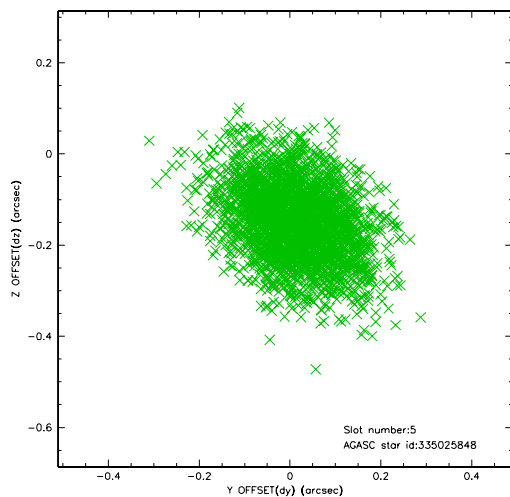
2.4.1 Slot 3



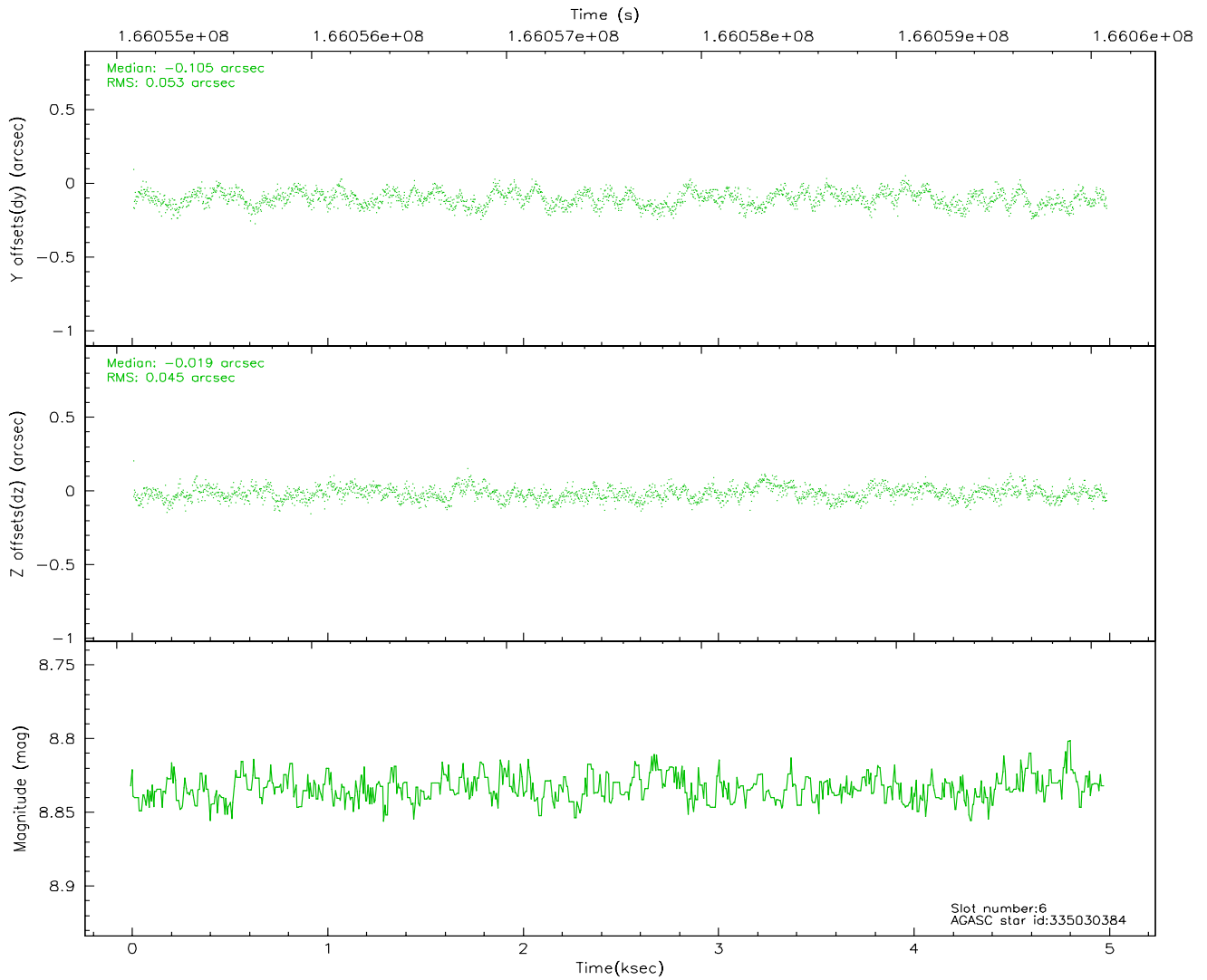
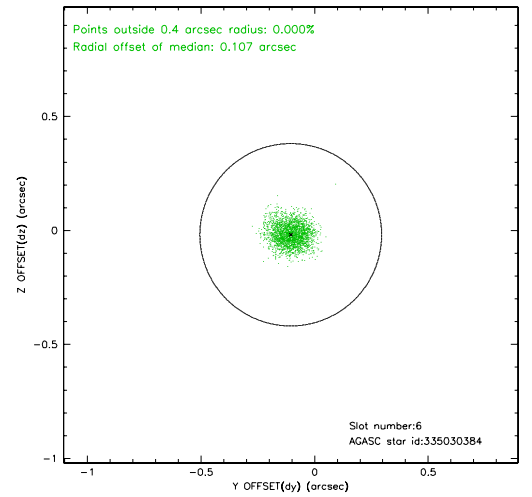
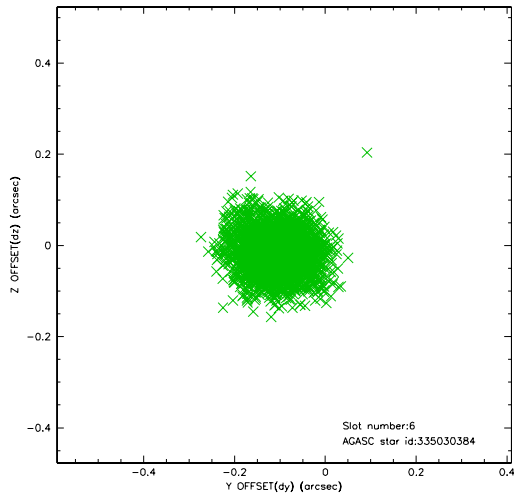
2.4.2 Slot 4



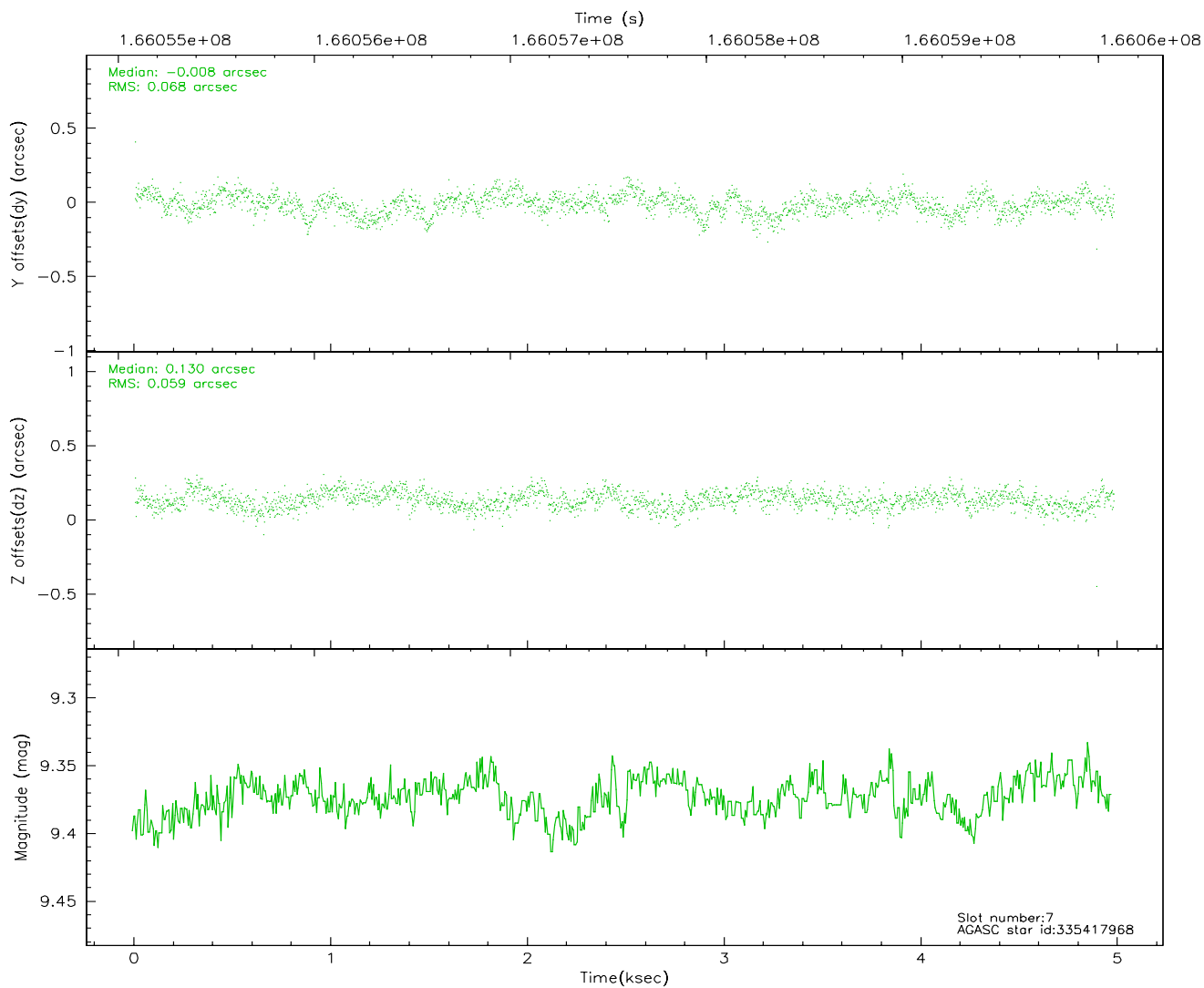
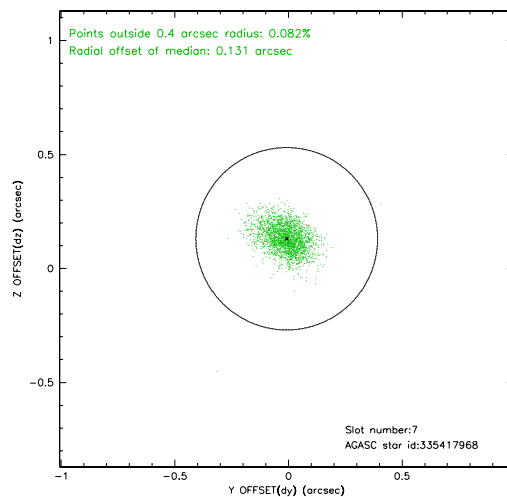
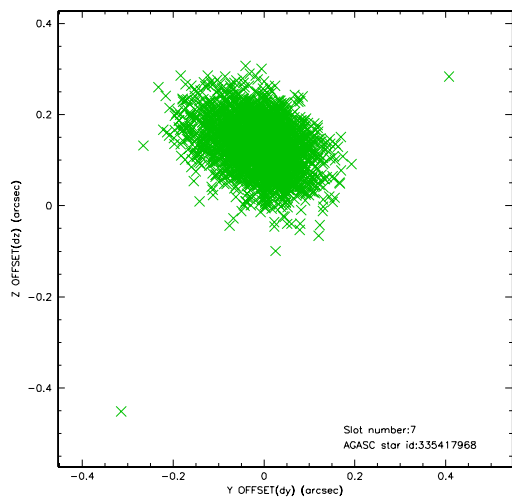
2.4.3 Slot 5



2.4.4 Slot 6

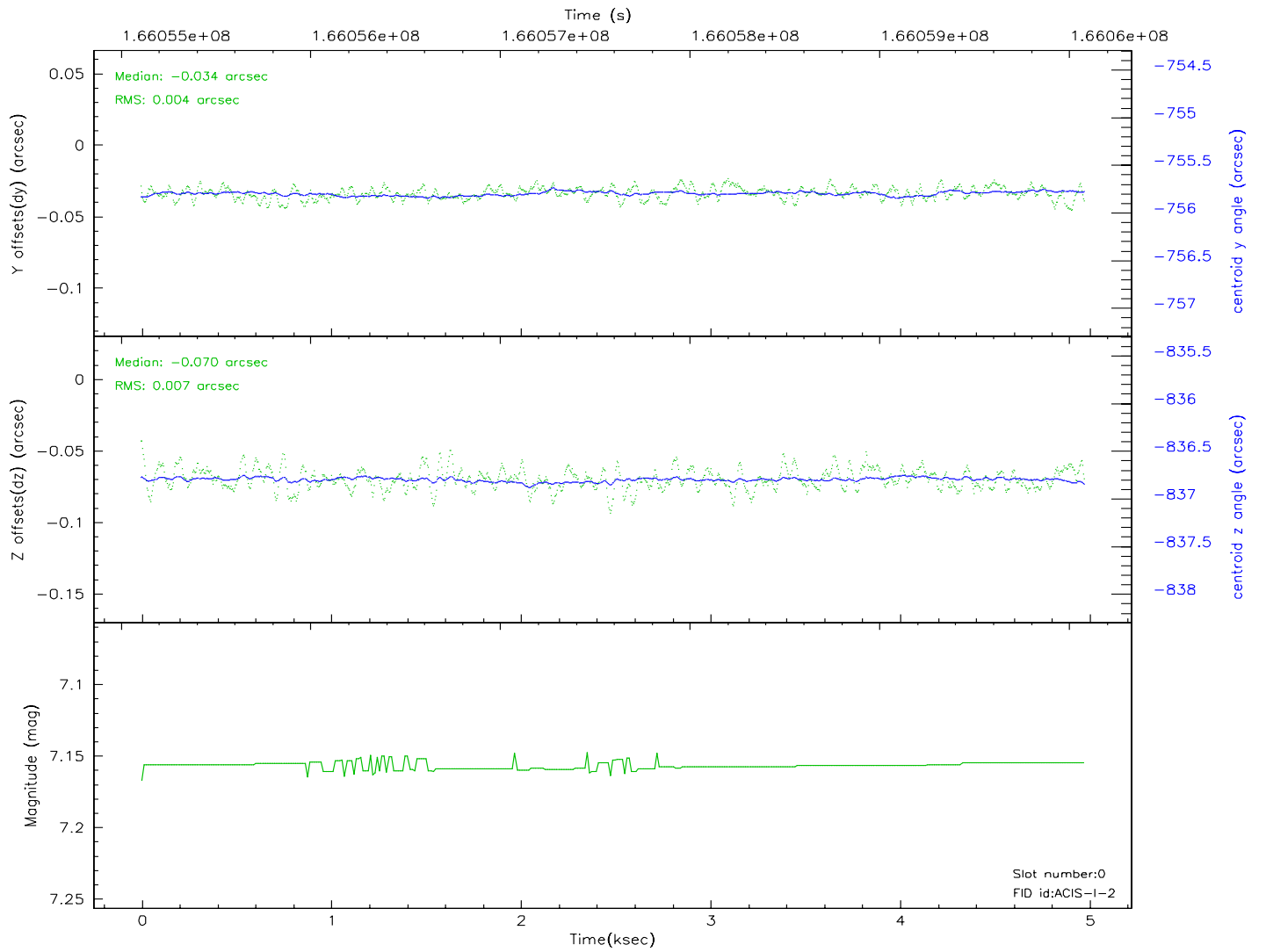
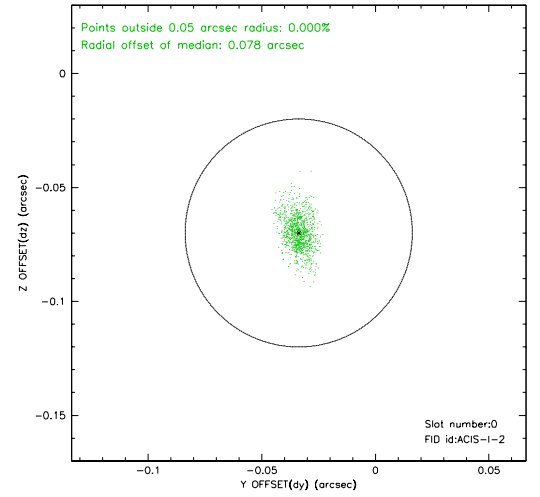
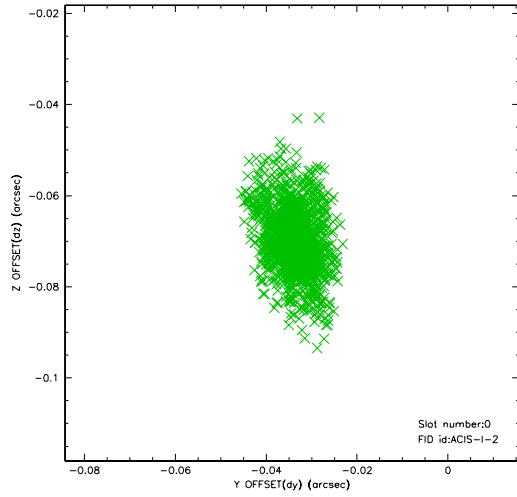


2.4.5 Slot 7

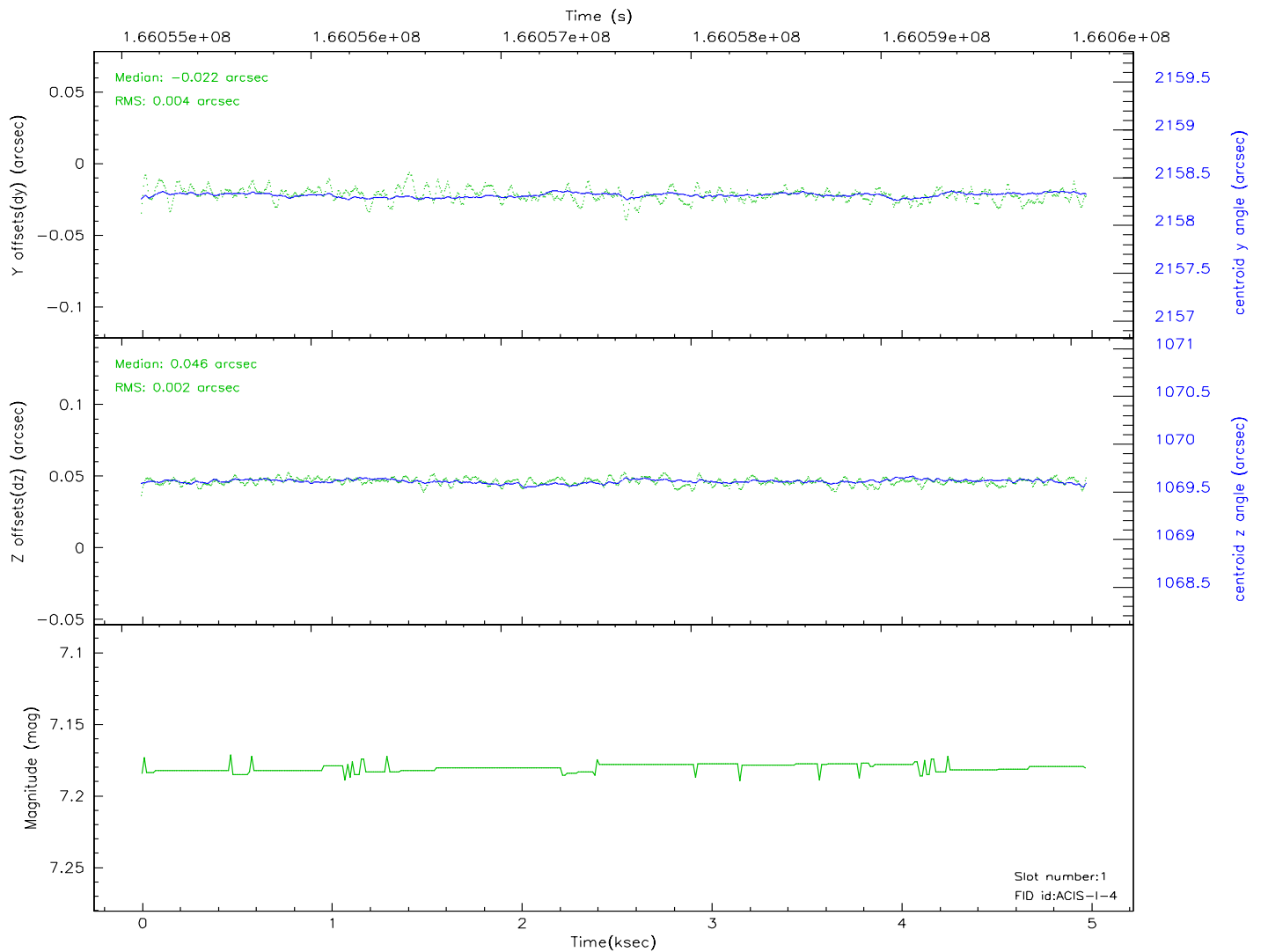
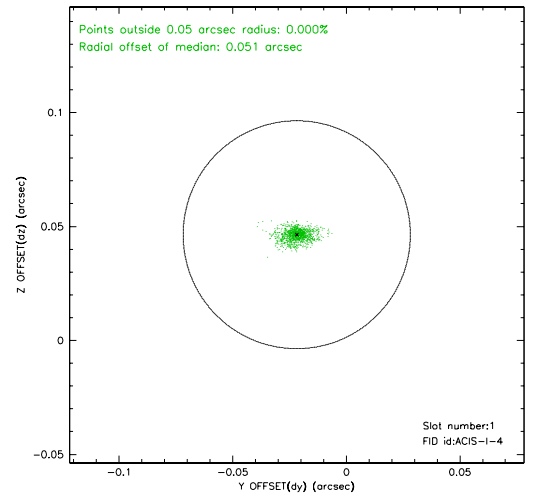
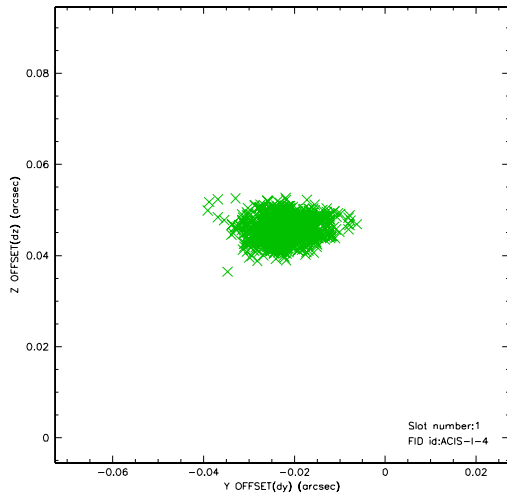


2.5 FID Slots

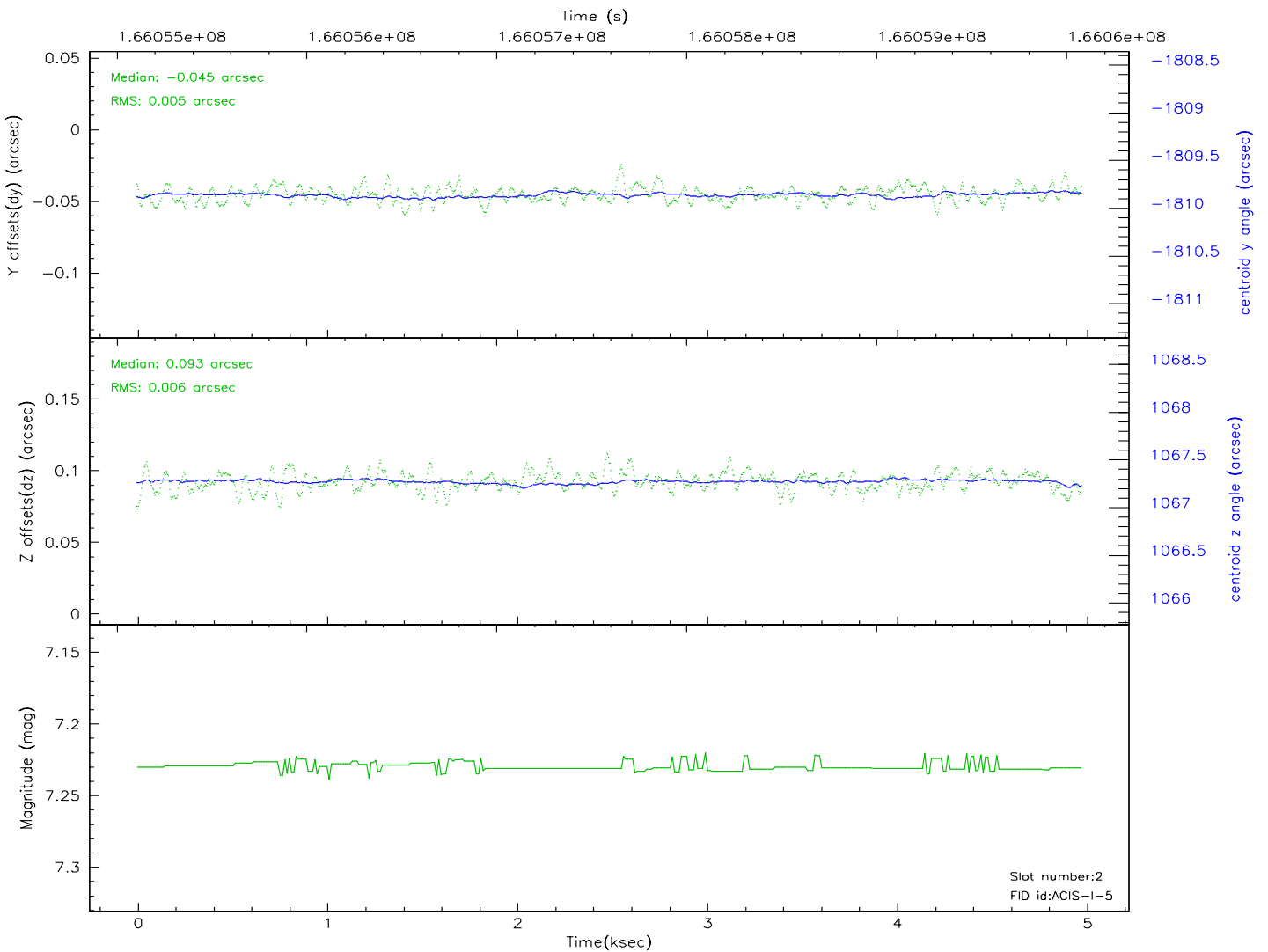
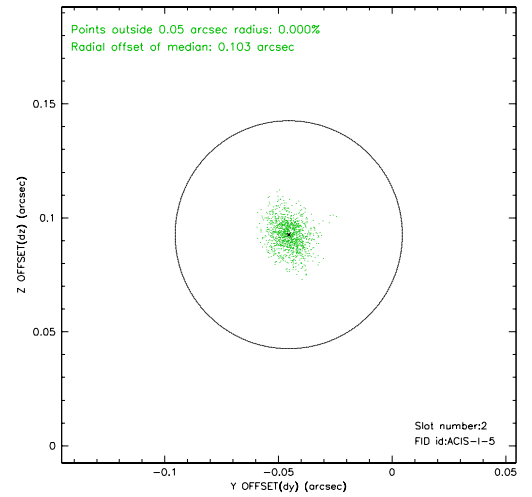
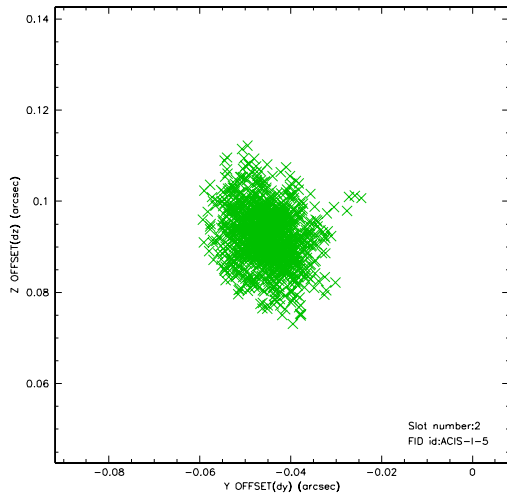
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

3.87 arcmin



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	4.578

A.2 Comments