

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3328 - L2 Version 001
Chandra X-Ray Center

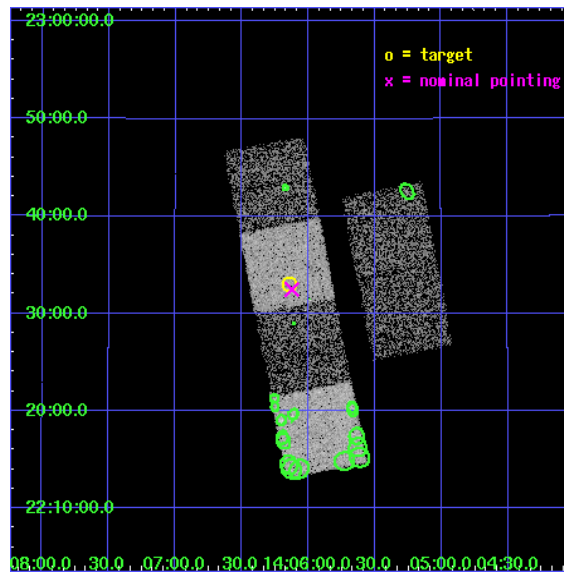
L2 Processing Date : Sep 30 2006

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

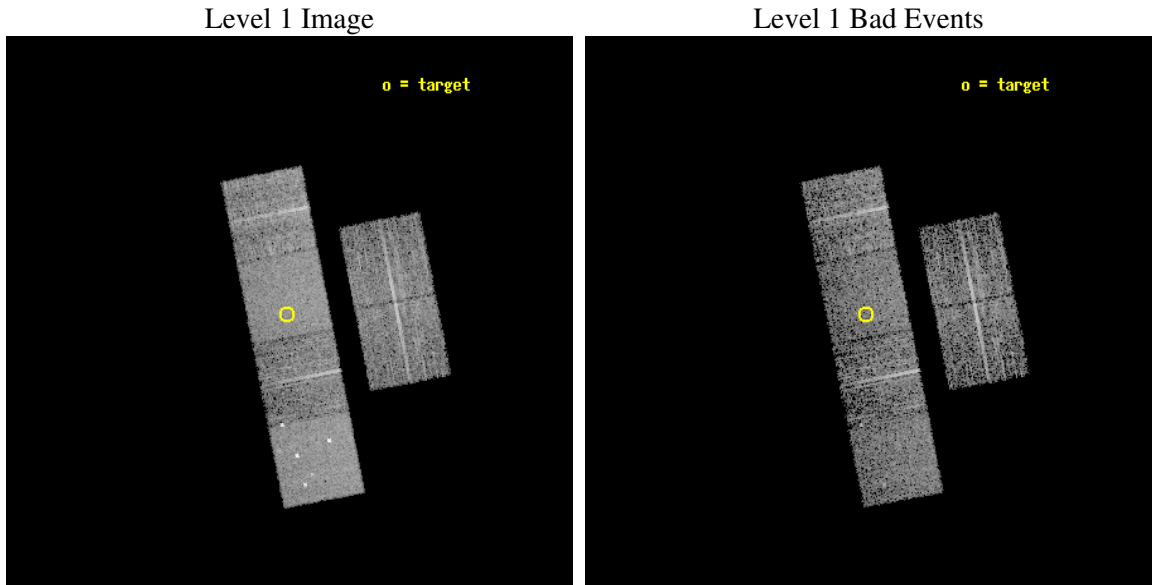
seq_num	900167
obs_id	3328
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?
observer	Professor Kirpal Nandra
object	AX J1406.1+2233
dtcycle	0
cycle	P
ra_targ	211.534583
dec_targ	22.550556
ra_nom	211.53087207297
dec_nom	22.541590609117
roll_nom	258.90132457764
revision	2
ontime	5011.1999813318
livetime	4947.7451497858
ontime2	5011.1999813318
ontime3	5011.1999813318
ontime5	5011.1999813318
ontime6	5011.1999813318
ontime7	5011.1999813318
ontime8	5011.1999813318
l2events	45519



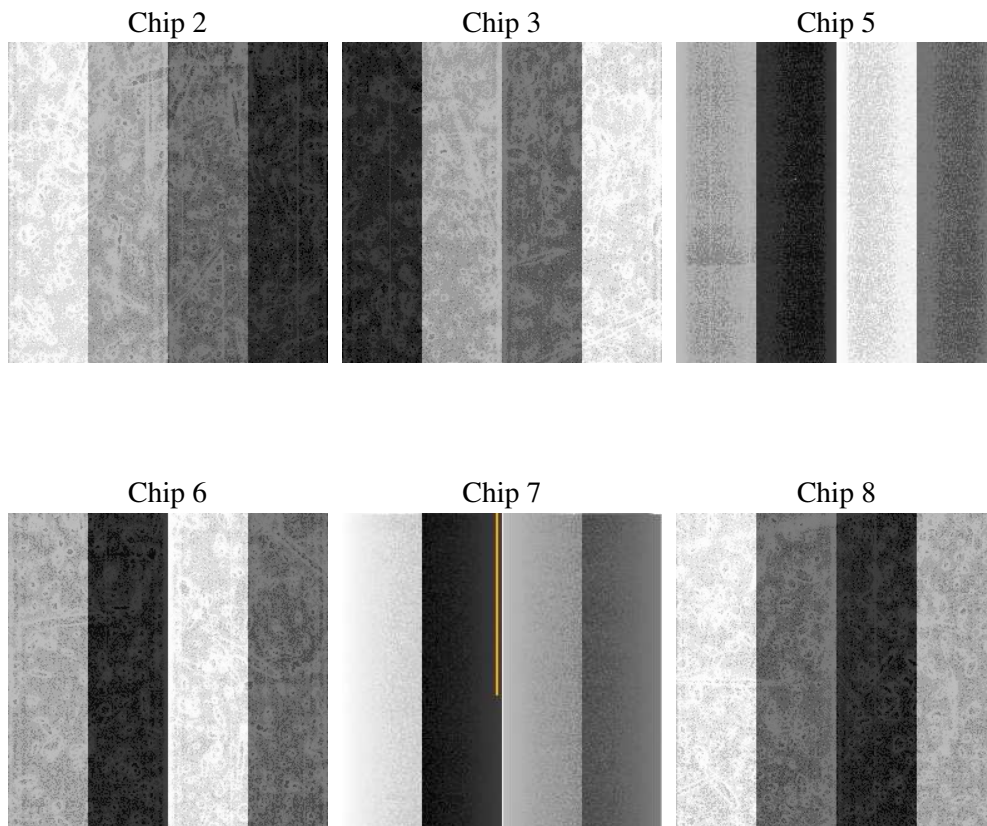
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-30T07:08:42
revision	2

sched_exp_time	5000.000000
ontime	5017.066306591
ontime2	5017.066306591
ontime3	5017.066306591
ontime5	5017.066306591
ontime6	5017.066306591
ontime7	5017.066306591
ontime8	5017.0662766993
l1events	207783

2.1.4 Events

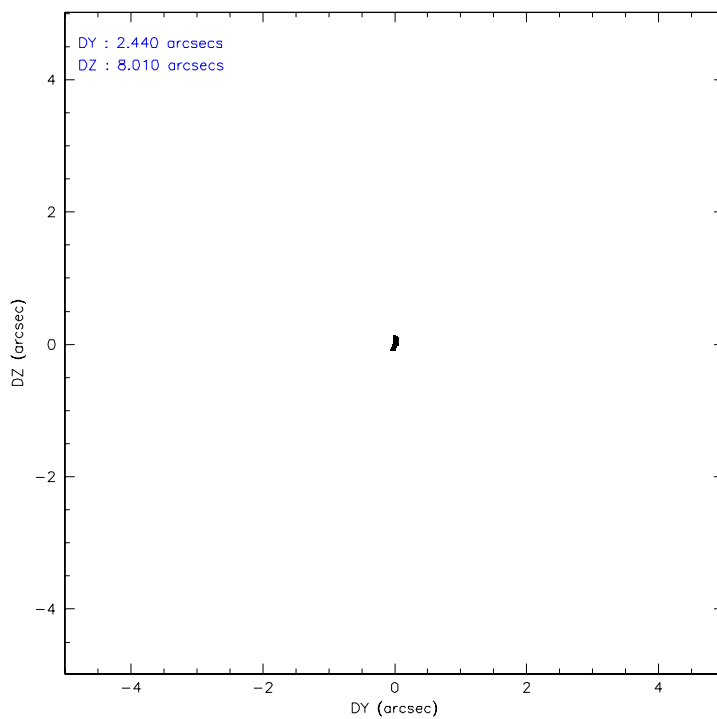
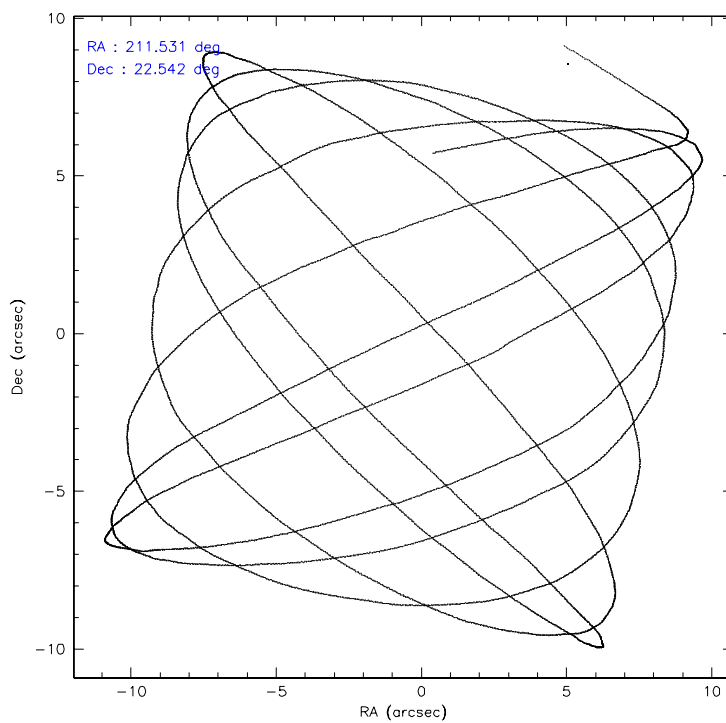
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	28307	28723	45029	28924	39451	37349
rejected events	24755	25119	23977	25229	24570	29108
rejected %	87%	87%	53%	87%	62%	77%

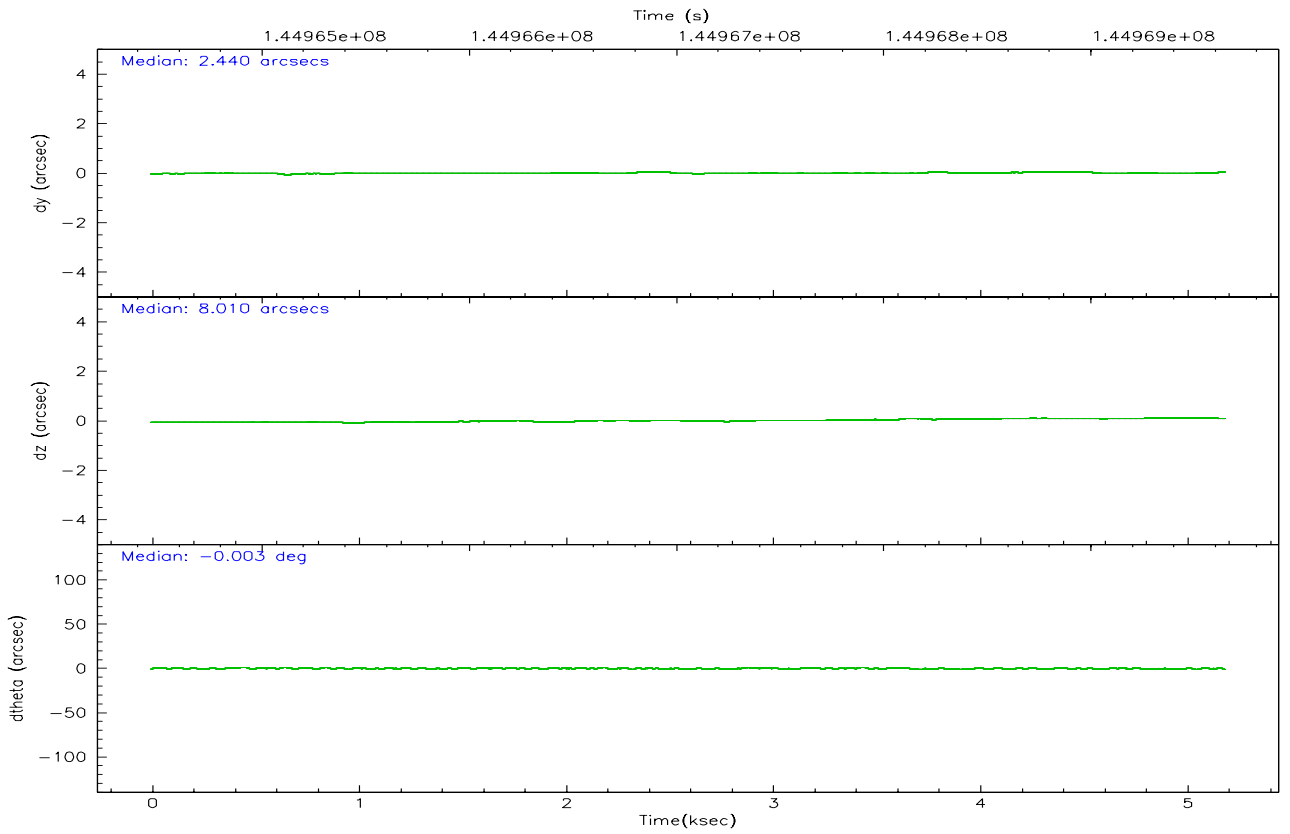
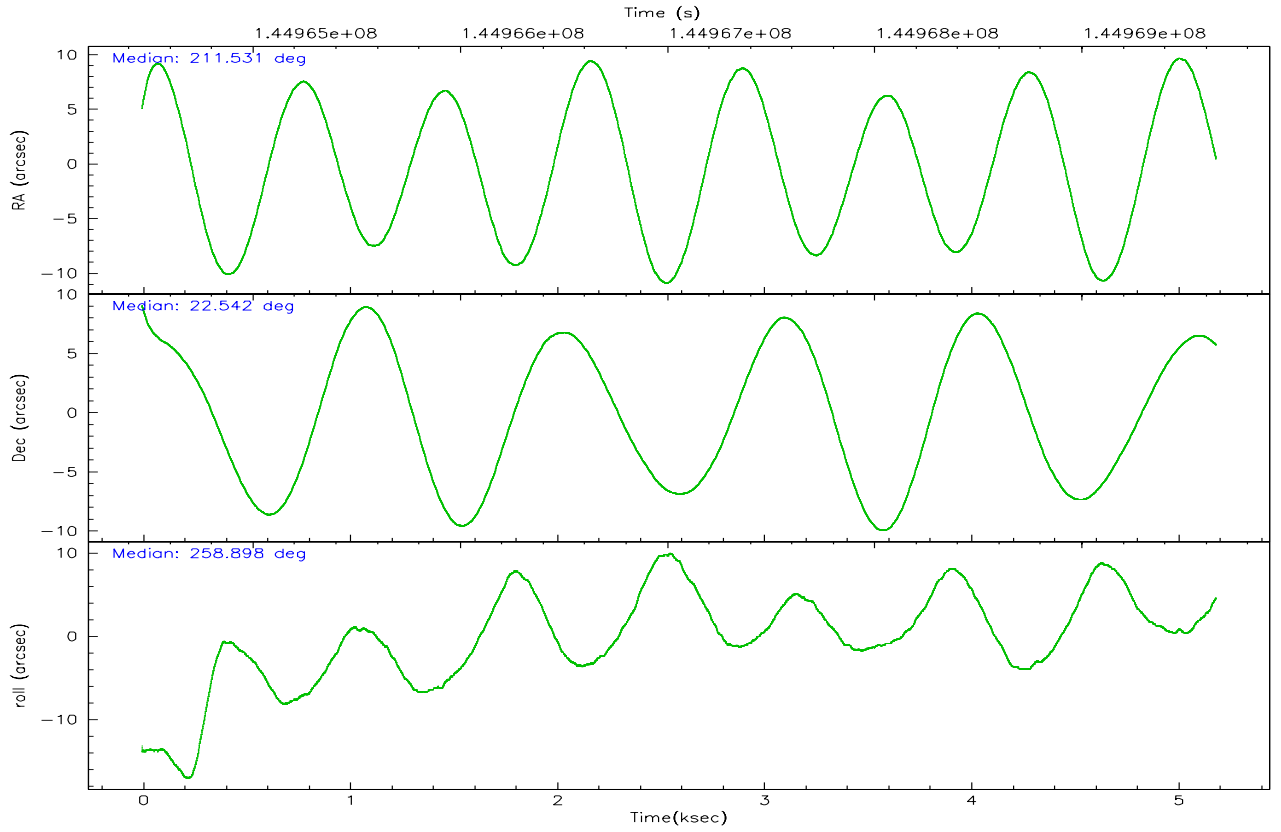
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1603	1615	3183	1575	1025	2801
	5%	5%	7%	5%	2%	7%
grade 1 events	20	22	91	11	34	20
	0%	0%	0%	0%	0%	0%
grade 2 events	720	652	6009	759	3614	1585
	2%	2%	13%	2%	9%	4%
grade 3 events	354	364	521	346	758	977
	1%	1%	1%	1%	1%	2%
grade 4 events	327	324	489	360	753	909
	1%	1%	1%	1%	1%	2%
grade 5 events	1133	1273	2144	1268	2588	1678
	4%	4%	4%	4%	6%	4%
grade 6 events	551	652	10884	662	8744	1995
	1%	2%	24%	2%	22%	5%
grade 7 events	23599	23821	21708	23943	21935	27384
	83%	82%	48%	82%	55%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	211.520871	211.5308720729662	Subarray requested	NONE	NONE
Pointing Dec	22.567178	22.54159060911673	Alternating exposures requested	N	N
Pointing Roll	258.748548	258.9013245776351	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	144964644.184000	144963660.17362			
Observation start date	2002-08-05T19:56:20	2002-08-05T19:41:00			
Observation end time	144969644.184000	144970450.2864			
Observation end date	2002-08-05T21:19:40	2002-08-05T21:34:10			
Read mode	TIMED	TIMED			

2.3 Aspect



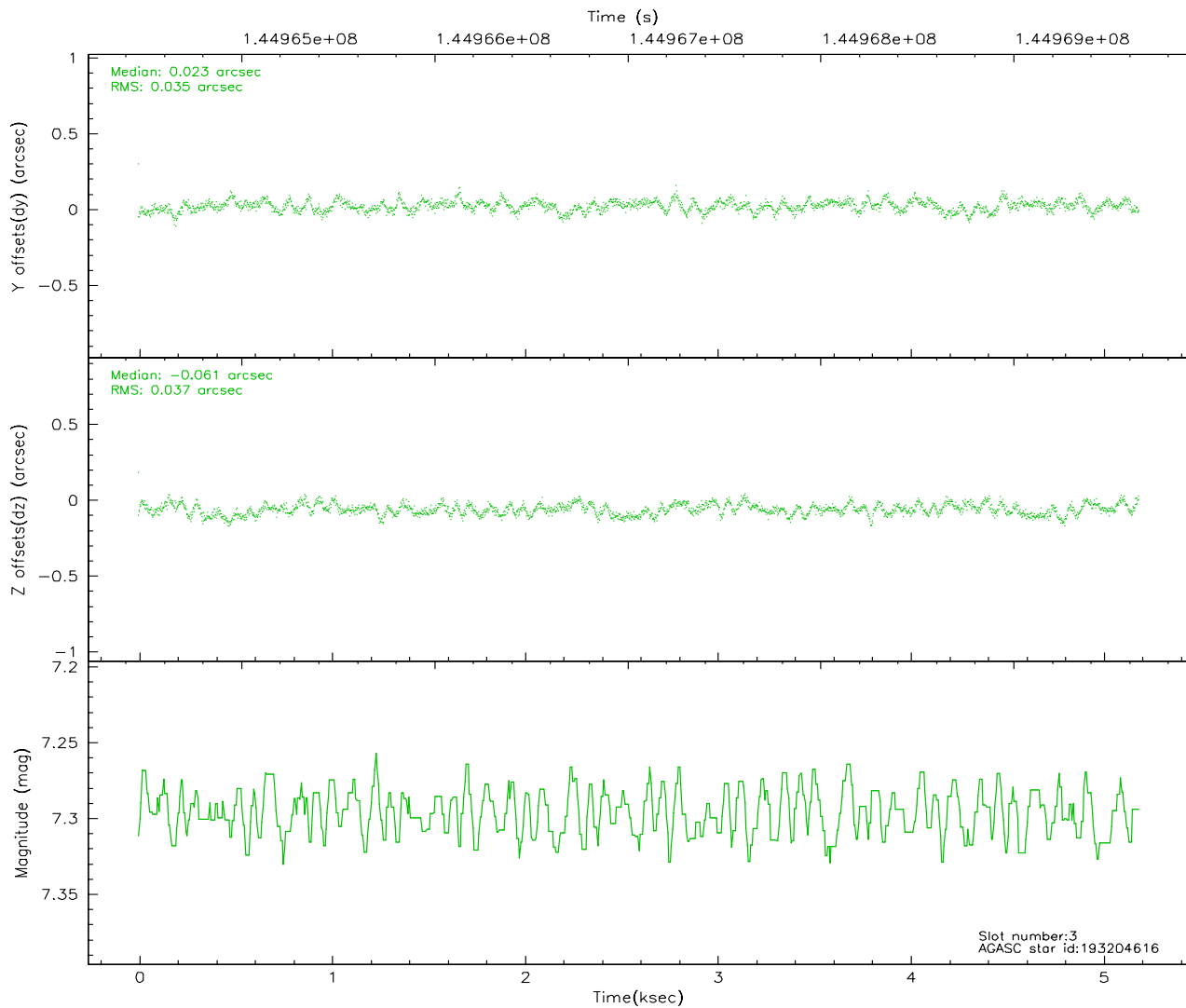
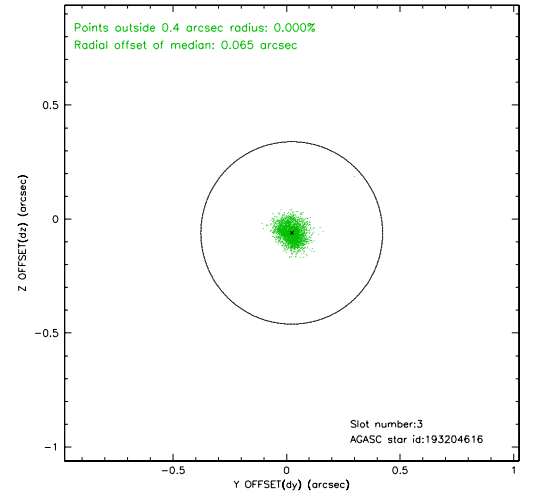
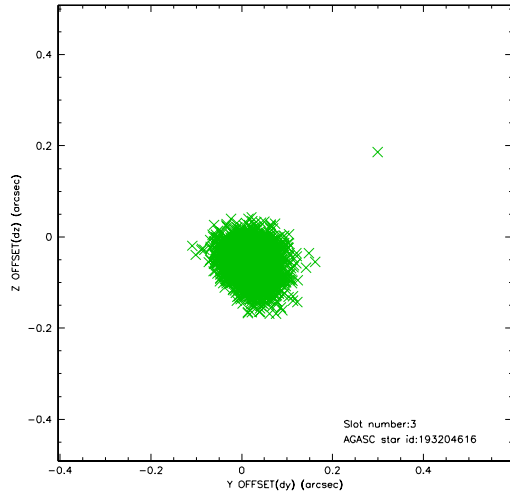


Slot Statistics

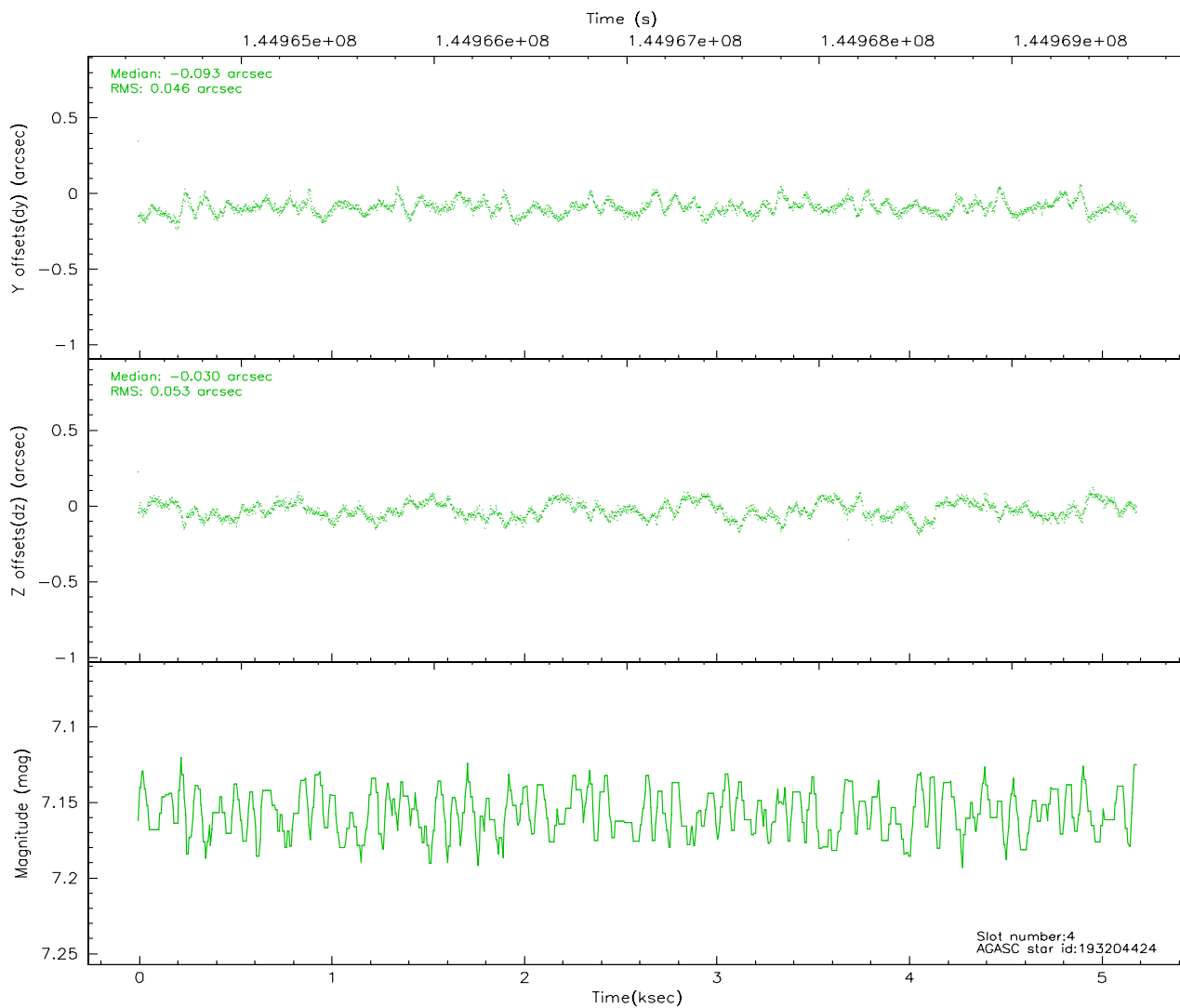
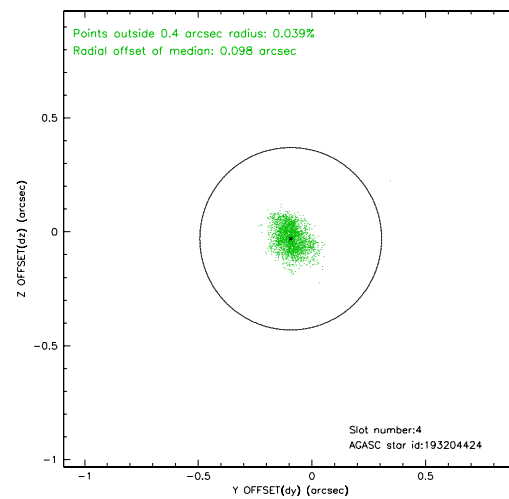
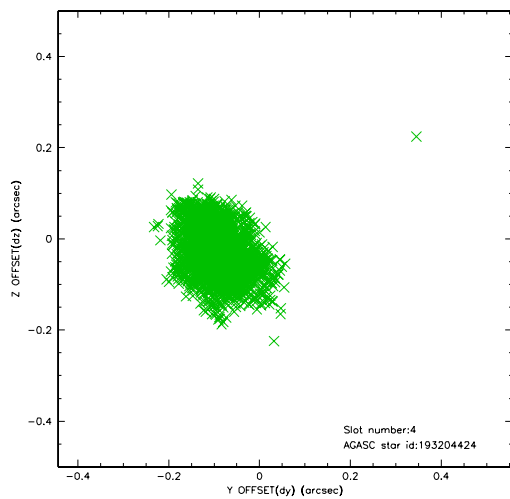
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1265	0.002	0.026	0.007	0.010	0.000000	0.000000	-755.09	-1729.18
1	FID	ACIS-S-4	7.20	1265	-0.078	-0.008	0.005	0.008	0.000000	0.000000	2157.61	178.03
2	FID	ACIS-S-5	7.24	1266	0.045	-0.010	0.006	0.010	0.000000	0.000000	-1806.36	173.07
3	GUIDE	193204616	7.30	2532	0.023	-0.061	0.055	0.085	211.556472	22.167699	1387.99	397.73
4	GUIDE	193204424	7.16	2532	-0.093	-0.030	0.075	0.119	210.841613	22.495754	689.30	-2165.82
5	GUIDE	262939080	8.33	2531	-0.086	0.133	0.068	0.105	212.074376	22.563038	-347.01	1806.97
6	GUIDE	193207200	8.96	2532	0.248	-0.104	0.123	0.194	210.740322	22.042629	2354.57	-2186.16
7	GUIDE	262936960	9.60	2521	-0.099	0.063	0.084	0.135	211.808046	23.149101	-2239.59	523.09

2.4 Star Slots

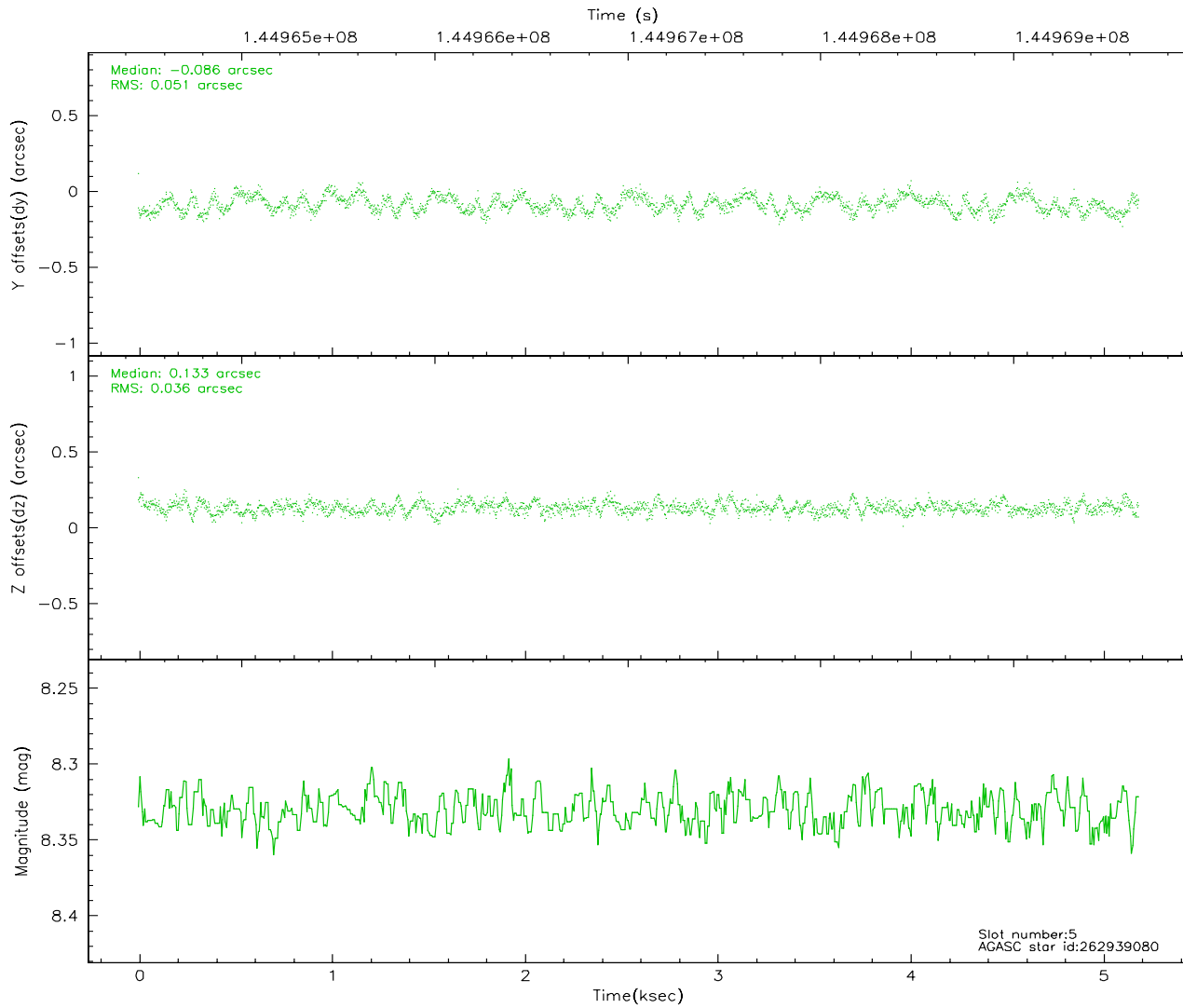
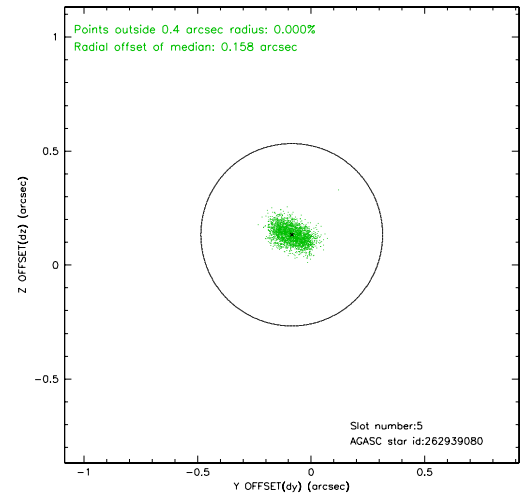
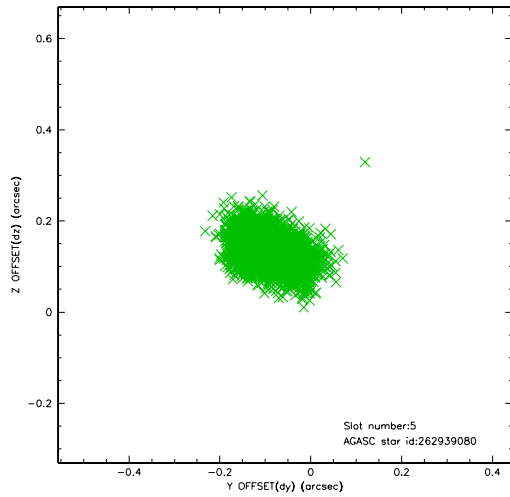
2.4.1 Slot 3



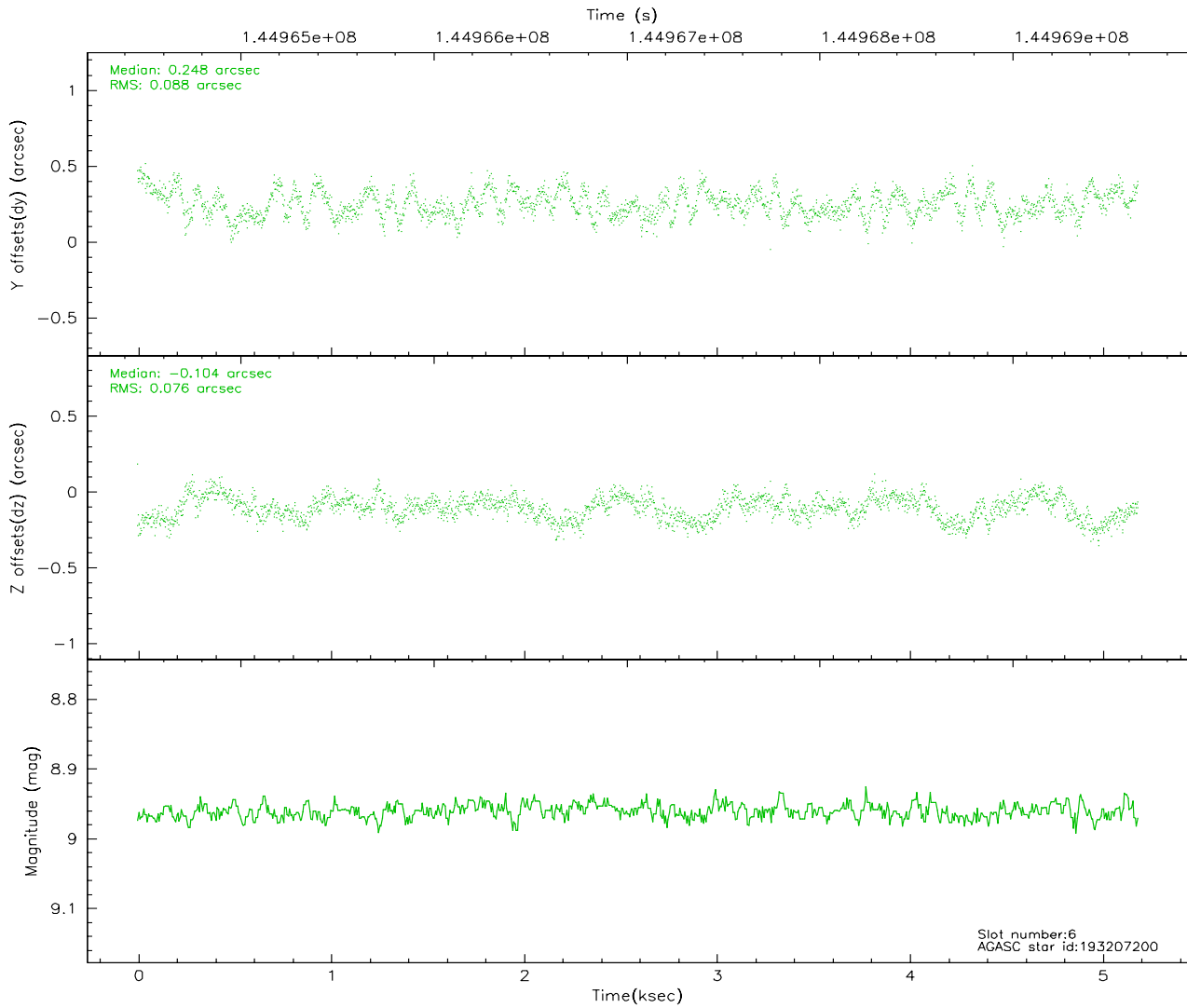
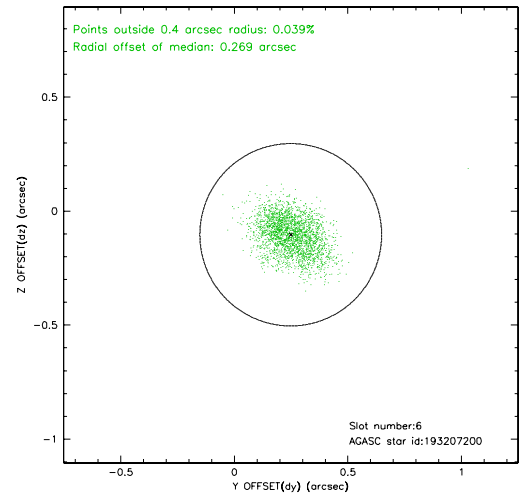
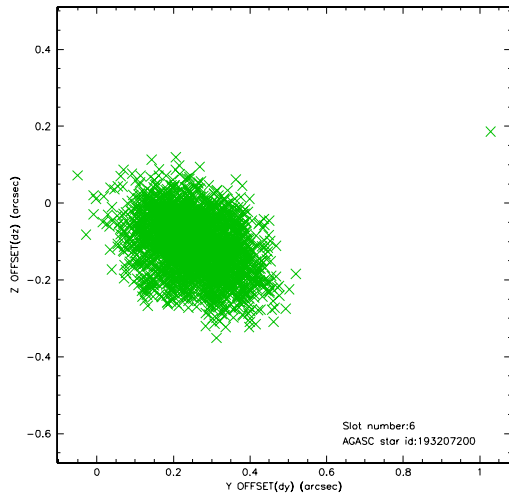
2.4.2 Slot 4



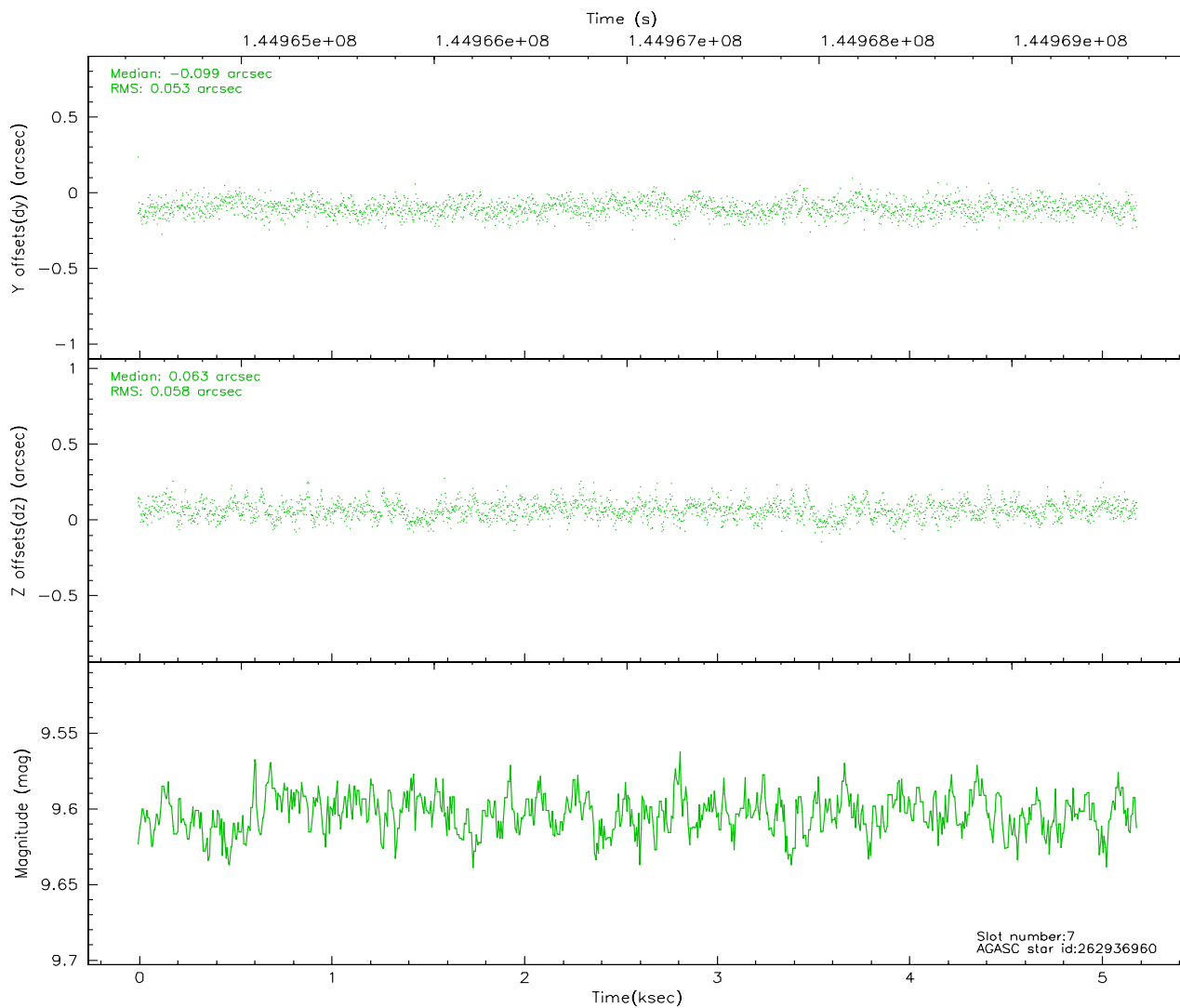
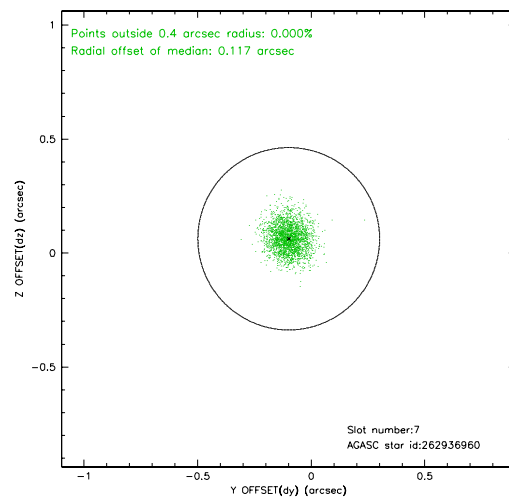
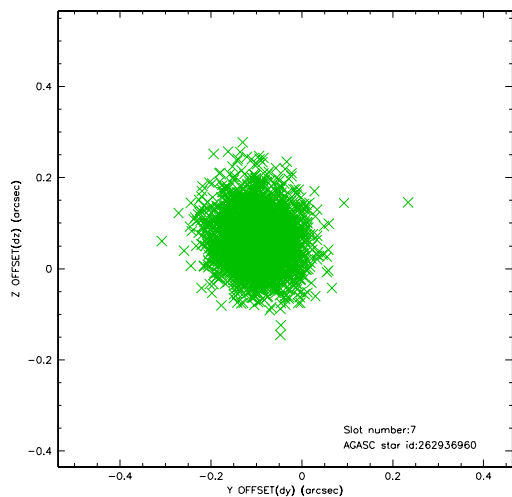
2.4.3 Slot 5



2.4.4 Slot 6

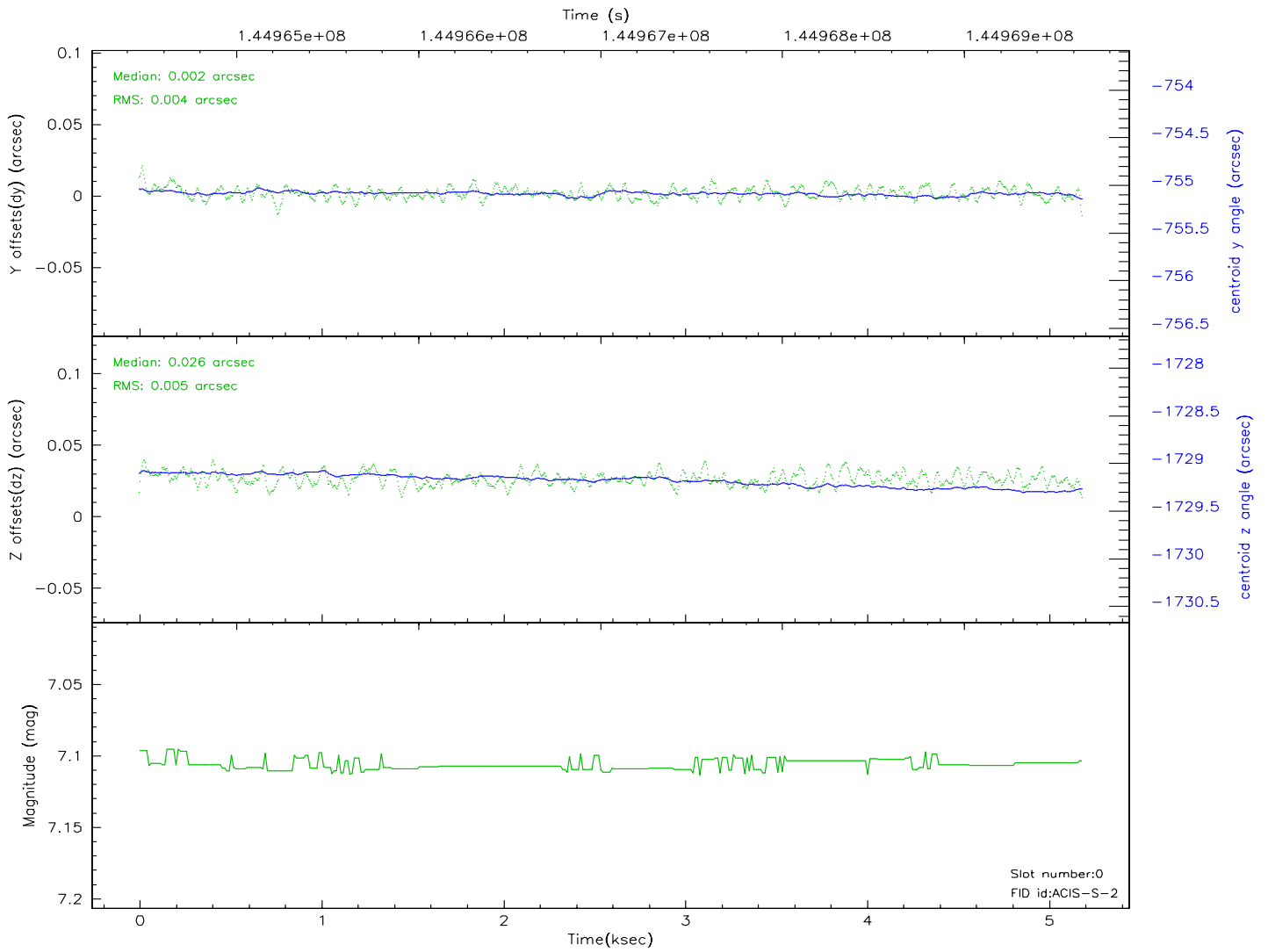
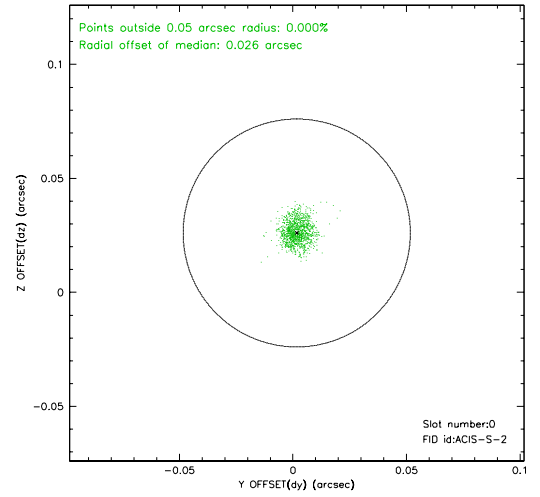
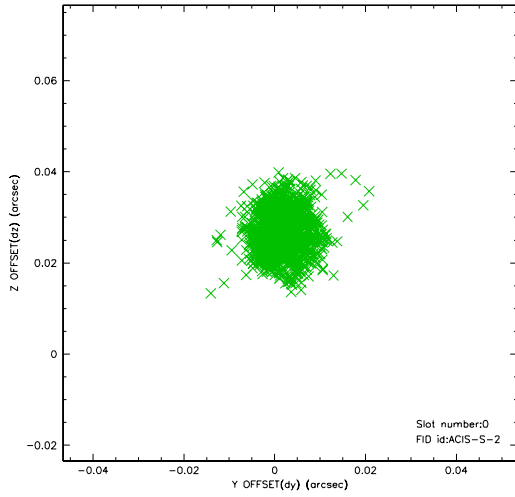


2.4.5 Slot 7

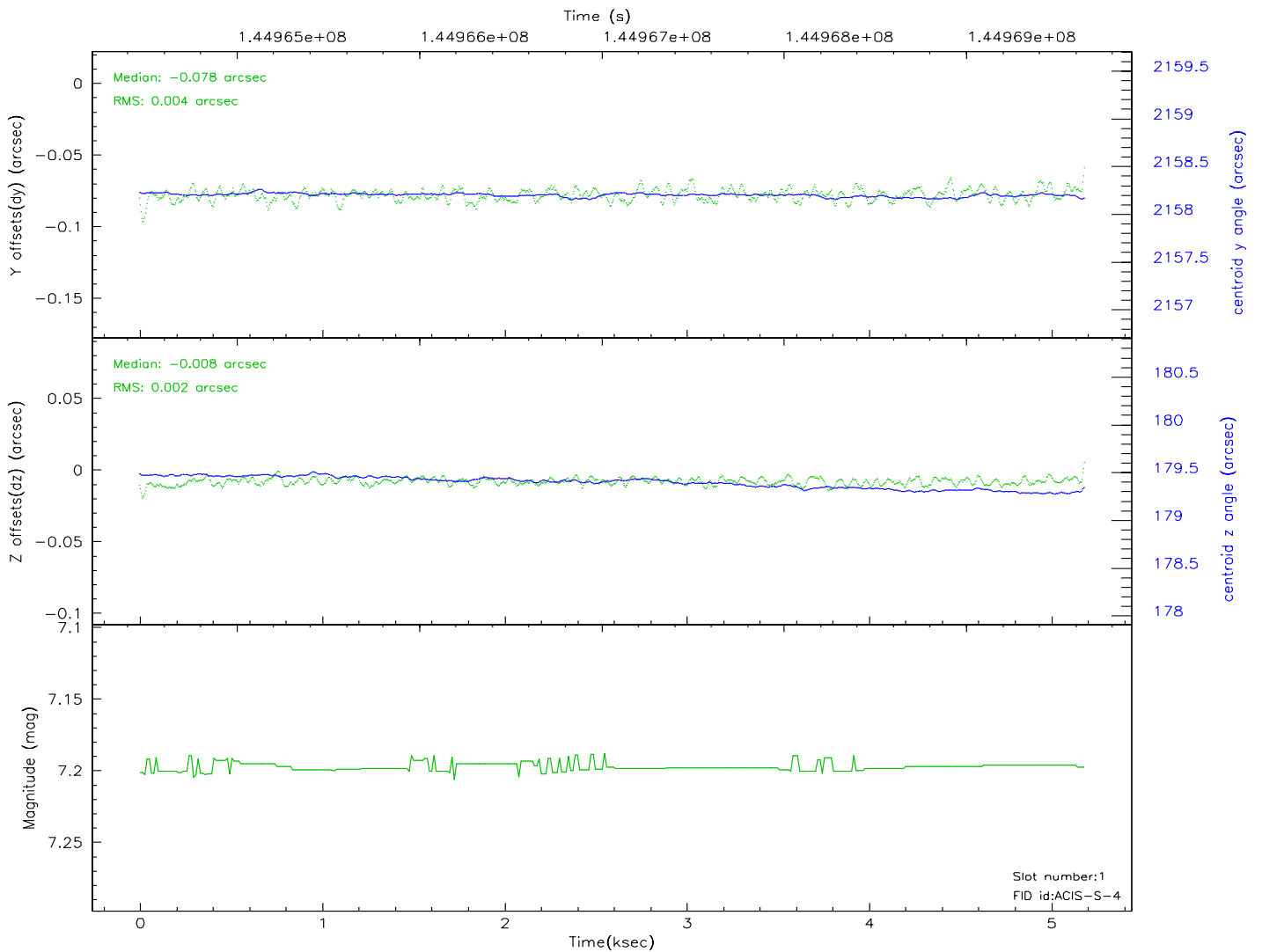
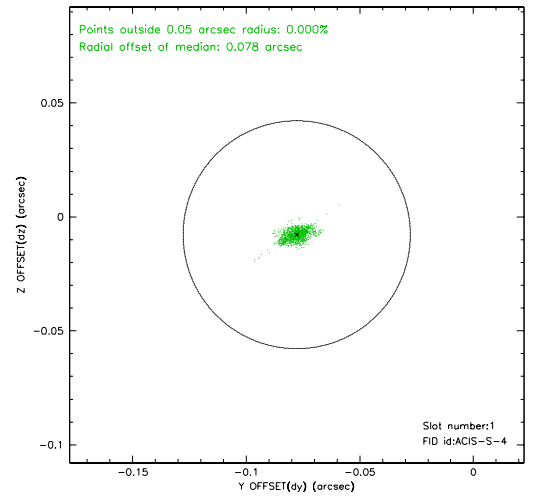
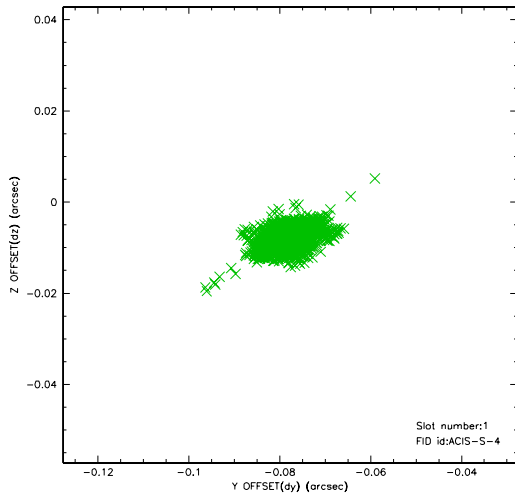


2.5 FID Slots

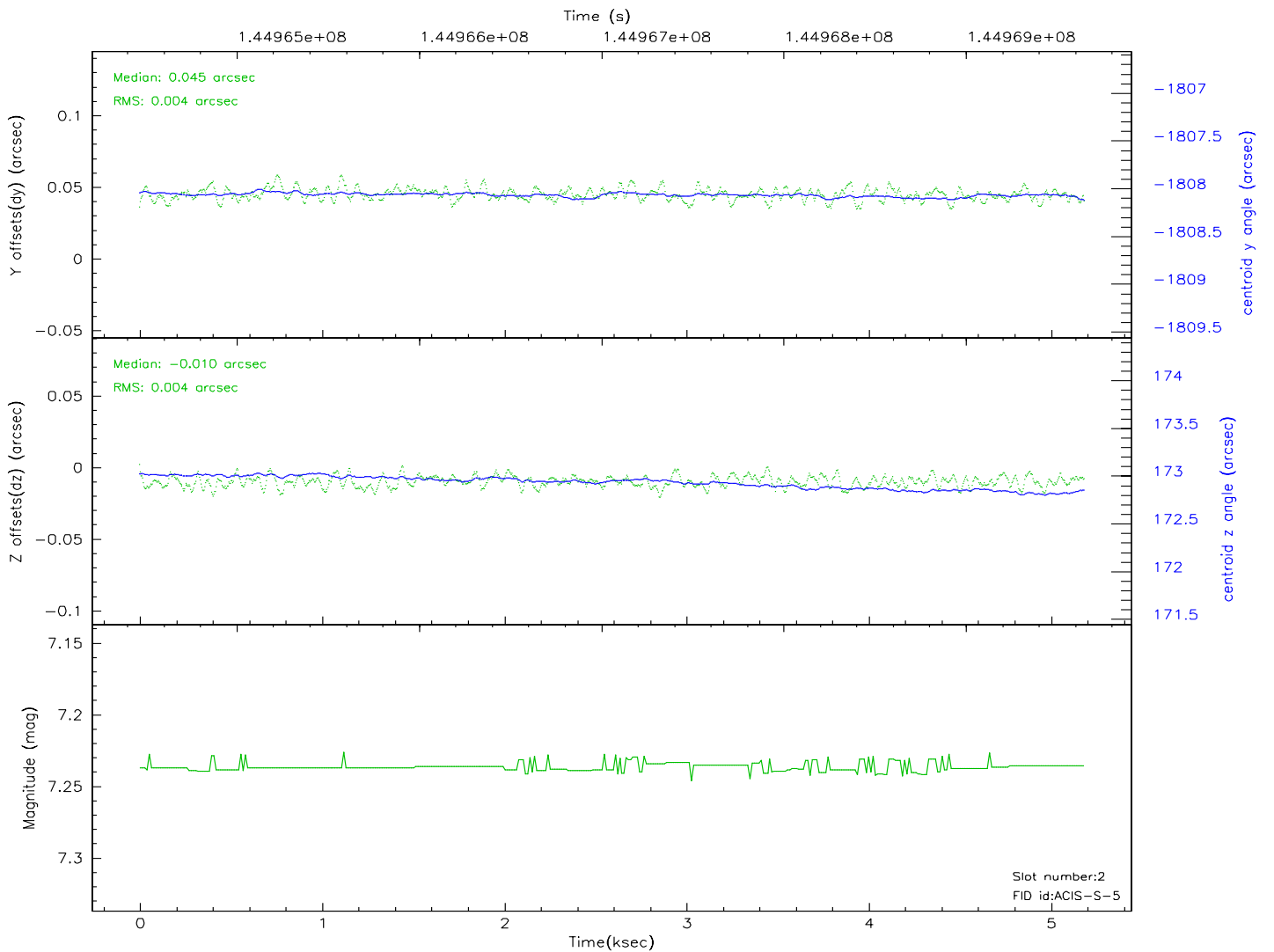
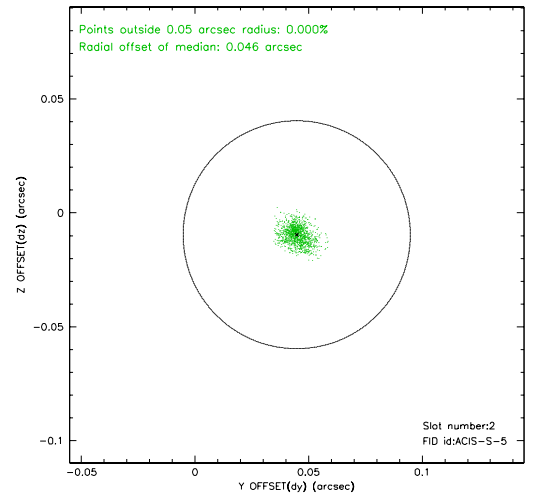
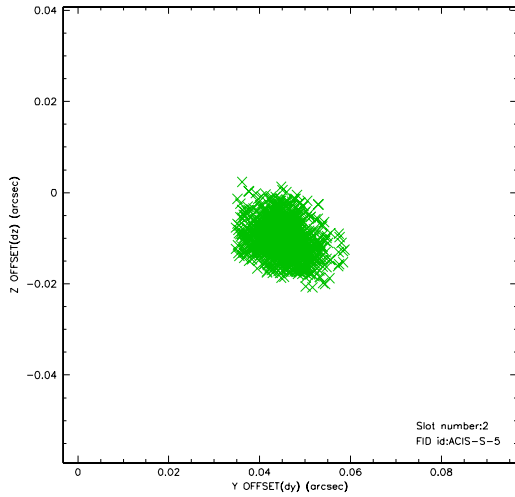
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

10.41 arcmin



18.00 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.014

A.2 Comments