

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3340 - L2 Version 001
Chandra X-Ray Center

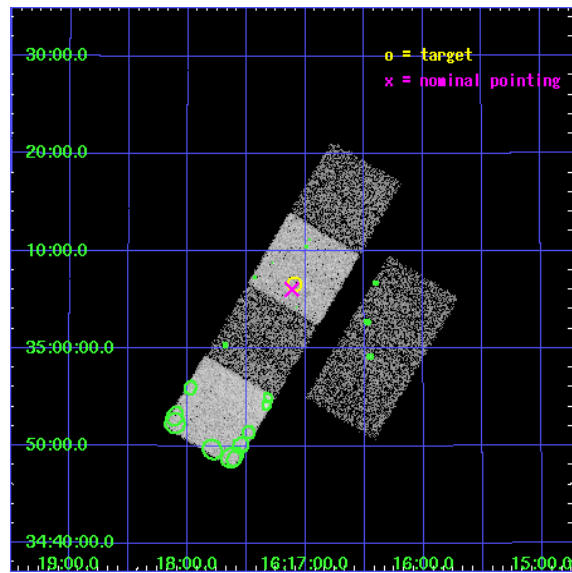
L2 Processing Date : Oct 5 2006

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1 Front

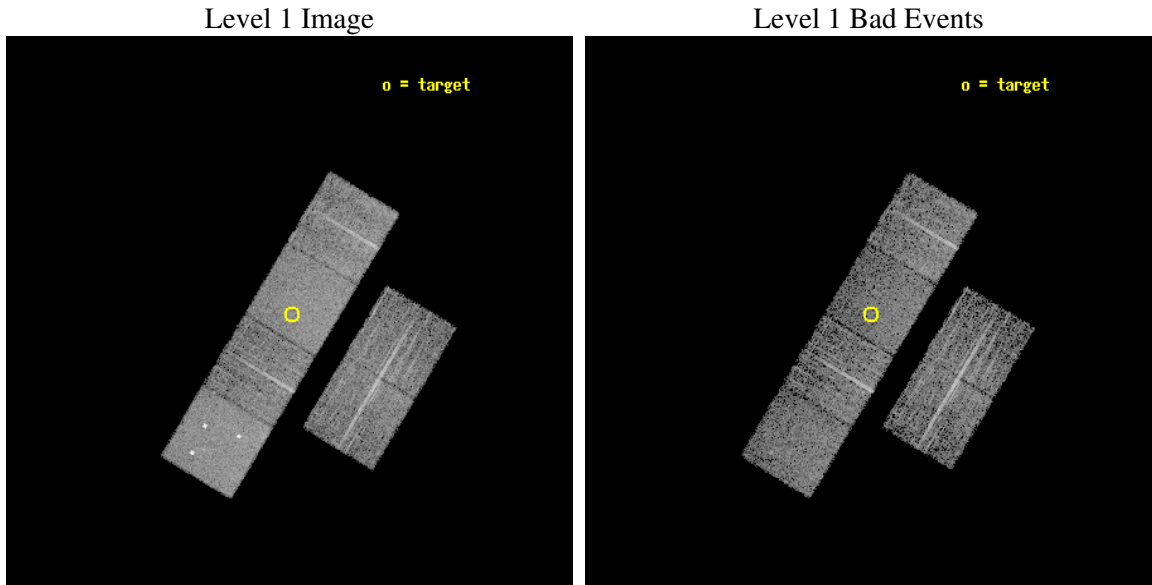
seq_num	900179
obs_id	3340
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?
observer	Professor Kirpal Nandra
object	AX J1617.0+3506
dtcycle	0
cycle	P
ra_targ	244.274583
dec_targ	35.110556
ra_nom	244.27873912936
dec_nom	35.101471687608
roll_nom	300.9547665379
revision	2
ontime	5161.5999807715
livetime	5096.2406938726
ontime2	5161.5999807715
ontime3	5161.5999807715
ontime5	5161.5999807715
ontime6	5161.5999807715
ontime7	5161.5999807715
ontime8	5161.5999807715
l2events	54765



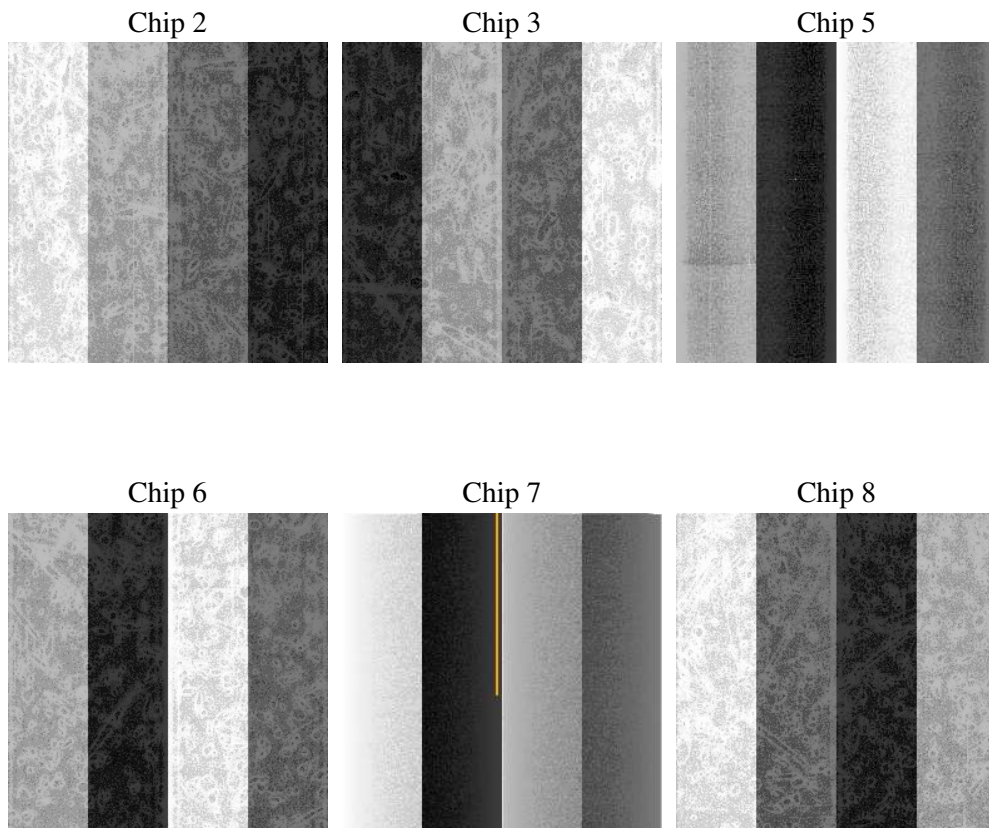
2 OBI

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	2006-10-05T22:22:07
revision	2

sched_exp_time	5200.000000
ontime	5166.1523242295
ontime2	5166.1523242295
ontime3	5166.1523242295
ontime5	5166.1523242295
ontime6	5166.1523242295
ontime7	5166.1523242295
ontime8	5166.1523242295
l1events	245786

2.1.4 Events

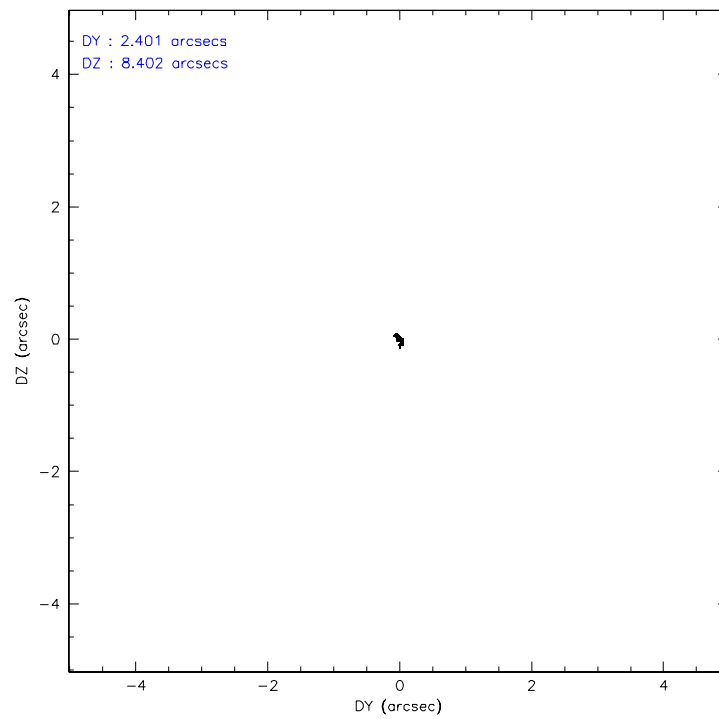
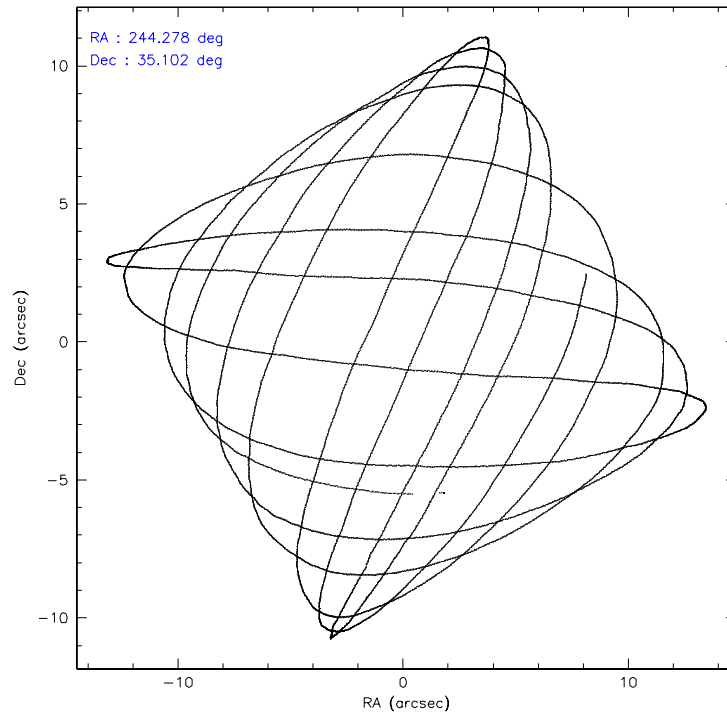
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	35726	33050	52682	35386	45642	43300
rejected events	31497	29161	27427	30631	27412	34171
rejected %	88%	88%	52%	86%	60%	78%

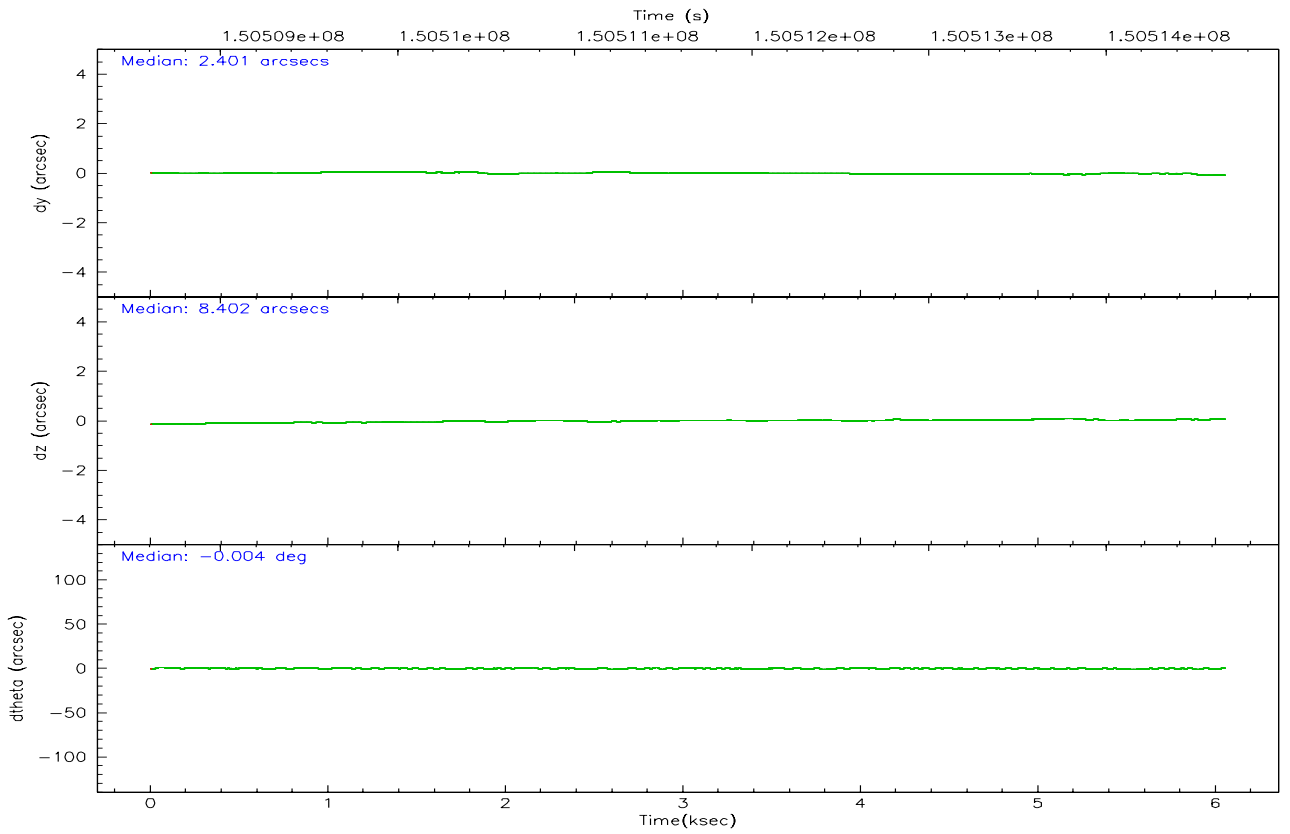
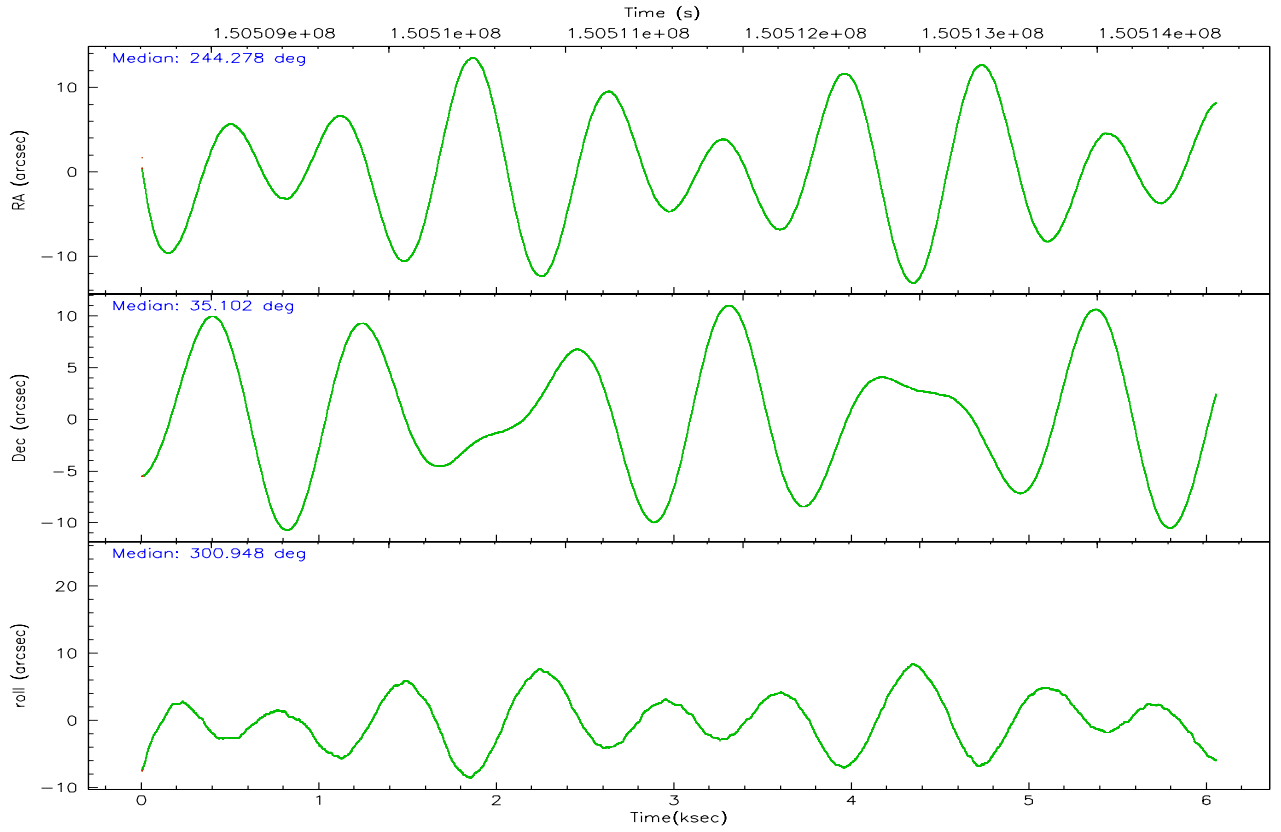
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1940	1727	3777	2303	1262	3037
	5%	5%	7%	6%	2%	7%
grade 1 events	18	26	126	21	23	29
	0%	0%	0%	0%	0%	0%
grade 2 events	833	707	7810	867	4455	1886
	2%	2%	14%	2%	9%	4%
grade 3 events	407	408	615	396	1009	927
	1%	1%	1%	1%	2%	2%
grade 4 events	383	397	555	389	978	933
	1%	1%	1%	1%	2%	2%
grade 5 events	1347	1385	2432	1498	2971	1948
	3%	4%	4%	4%	6%	4%
grade 6 events	670	650	12509	804	10540	2347
	1%	1%	23%	2%	23%	5%
grade 7 events	30128	27750	24858	29108	24404	32193
	84%	83%	47%	82%	53%	74%

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	244.249470	244.2787391293617	Subarray requested	NONE	NONE
Pointing Dec	35.114413	35.10147168760781	Alternating exposures requested	N	N
Pointing Roll	300.814973	300.9547665378955	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	150509464.184000	150508173.94011			
Observation start date	2002-10-09T00:10:00	2002-10-08T23:49:33			
Observation end time	150514664.184000	150515426.32791			
Observation end date	2002-10-09T01:36:40	2002-10-09T01:50:26			
Read mode	TIMED	TIMED			

2.3 Aspect



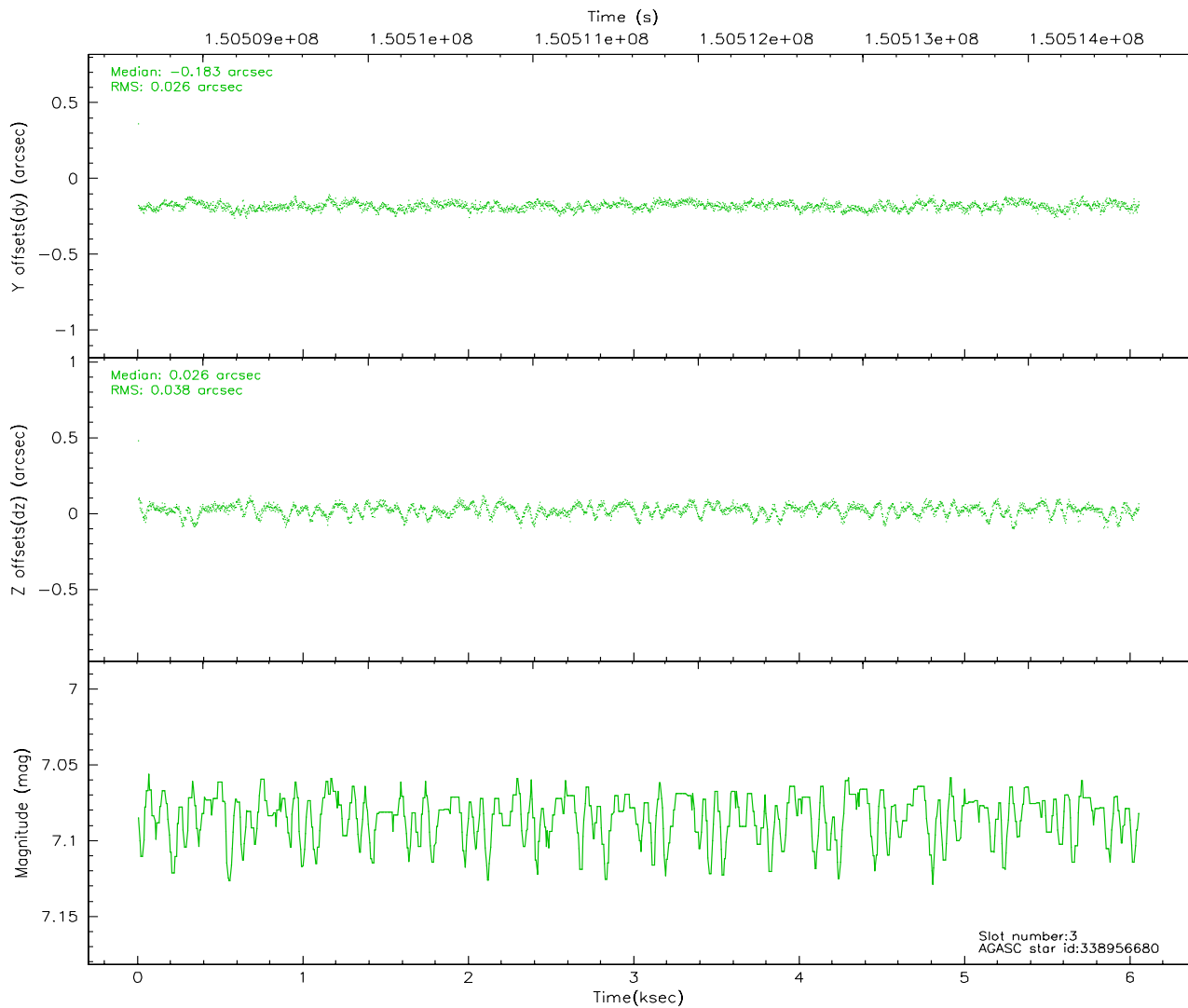
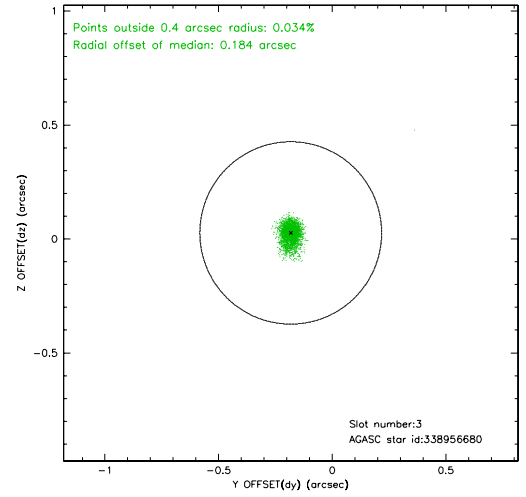
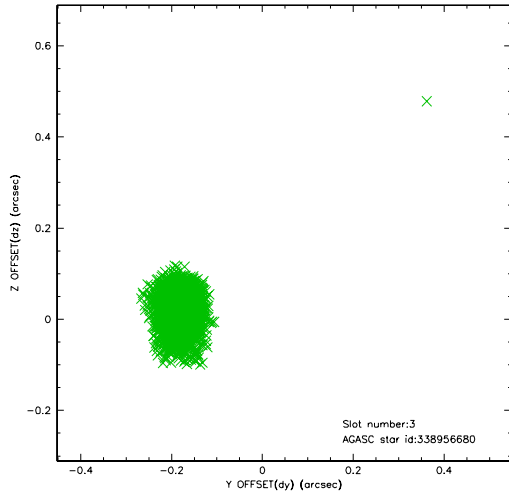


Slot Statistics

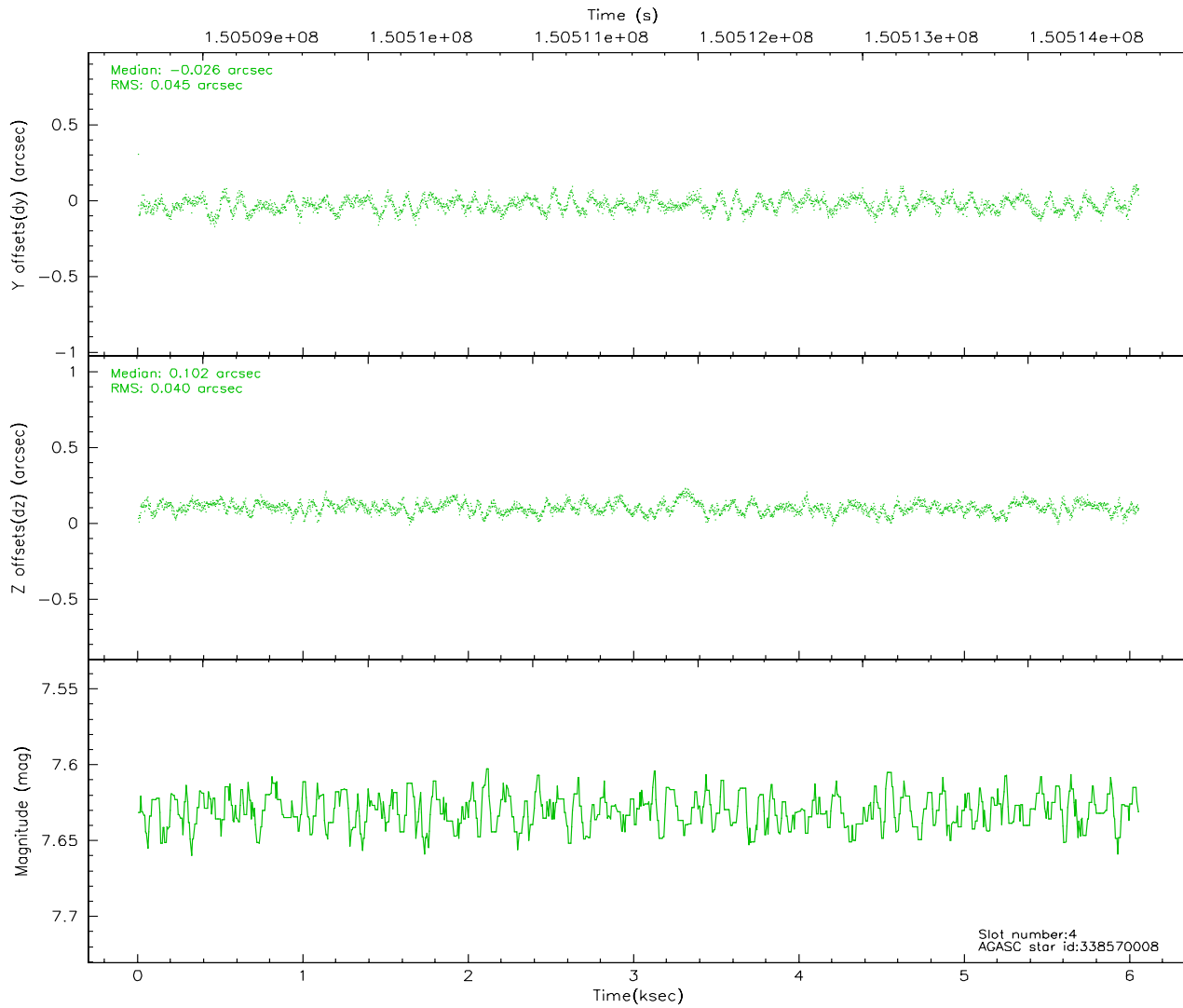
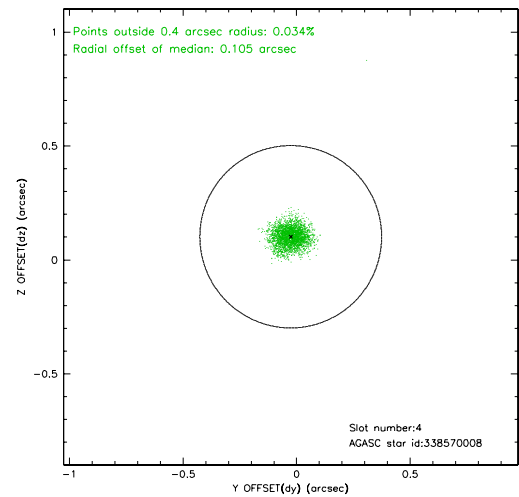
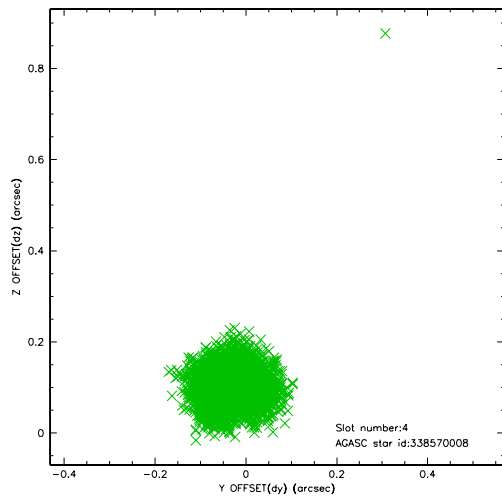
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1477	-0.000	0.027	0.006	0.010	0.000000	0.000000	-755.04	-1729.56
1	FID	ACIS-S-4	7.20	1477	-0.076	-0.007	0.005	0.009	0.000000	0.000000	2157.74	177.85
2	FID	ACIS-S-5	7.24	1476	0.045	-0.011	0.006	0.010	0.000000	0.000000	-1806.56	172.67
3	GUIDE	338956680	7.08	2953	-0.183	0.026	0.046	0.081	243.355448	35.198926	-1617.88	-2096.57
4	GUIDE	338570008	7.63	2953	-0.026	0.102	0.064	0.099	244.524487	34.482759	2370.30	-463.45
5	GUIDE	338966736	7.87	2952	-0.029	0.039	0.074	0.128	244.463523	35.699581	-1487.98	1617.16
6	GUIDE	338966720	8.16	2953	0.009	-0.015	0.064	0.113	244.297986	35.700677	-1740.00	1203.83
7	GUIDE	338575008	9.09	2949	0.227	-0.143	0.102	0.186	243.925528	34.235689	2222.15	-2446.77

2.4 Star Slots

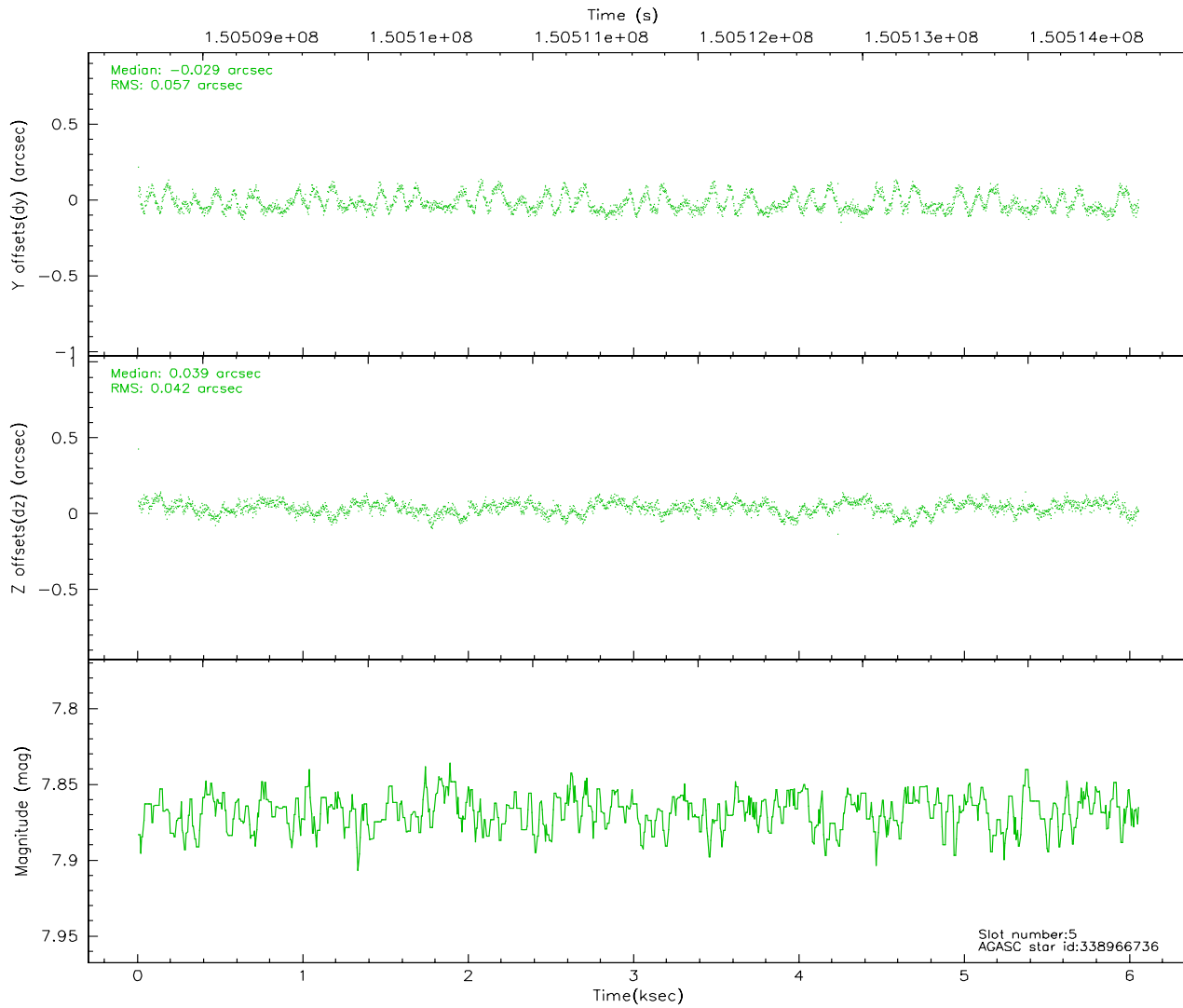
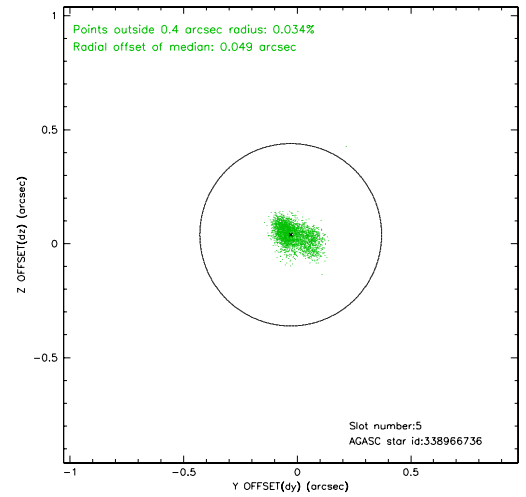
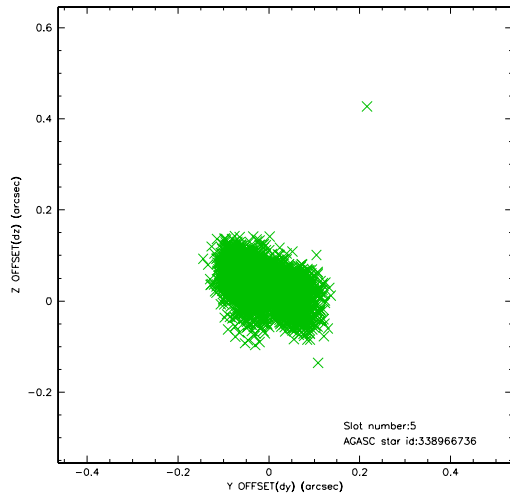
2.4.1 Slot 3



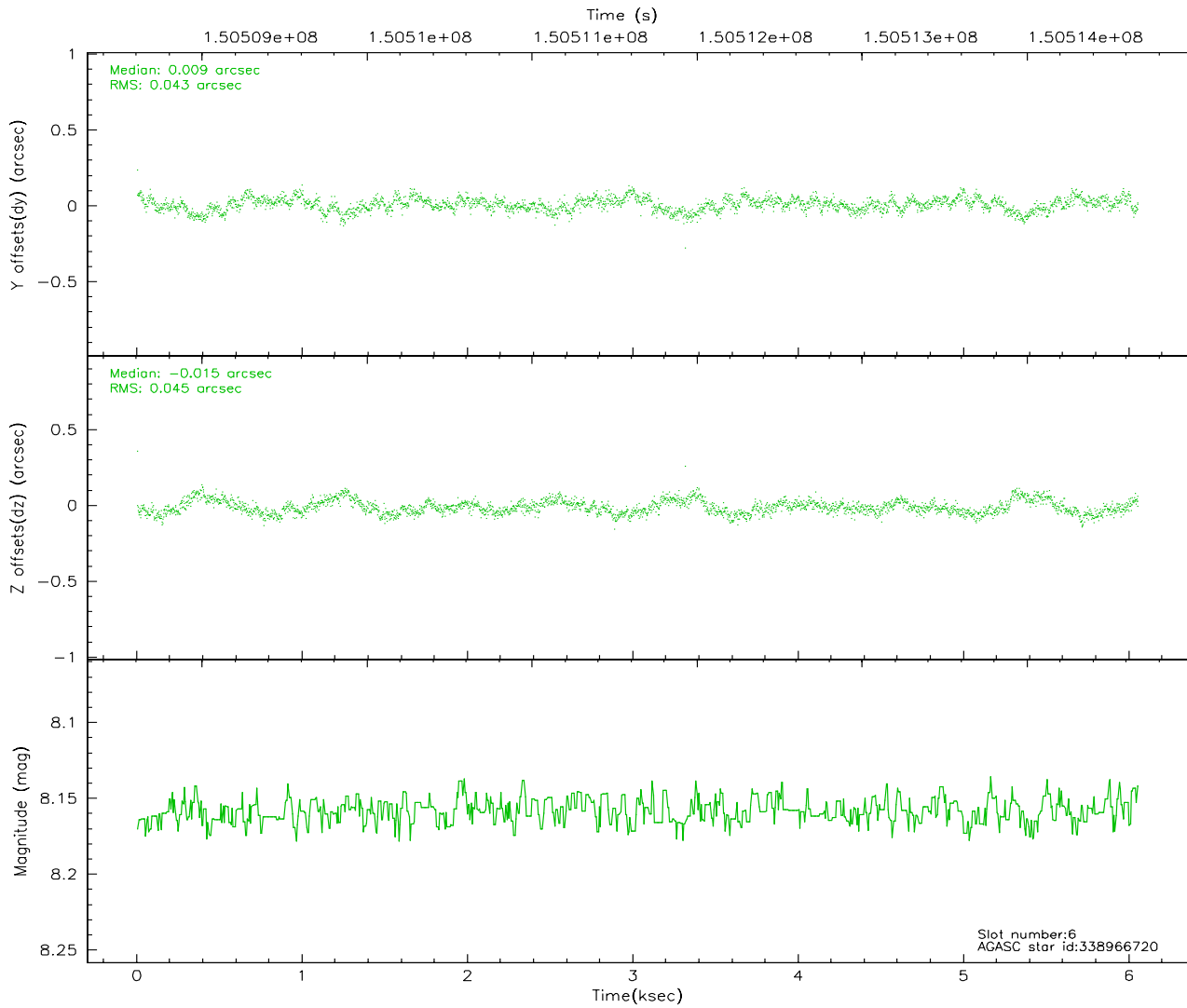
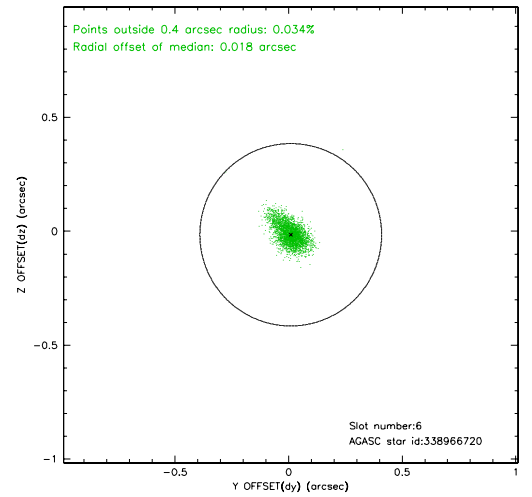
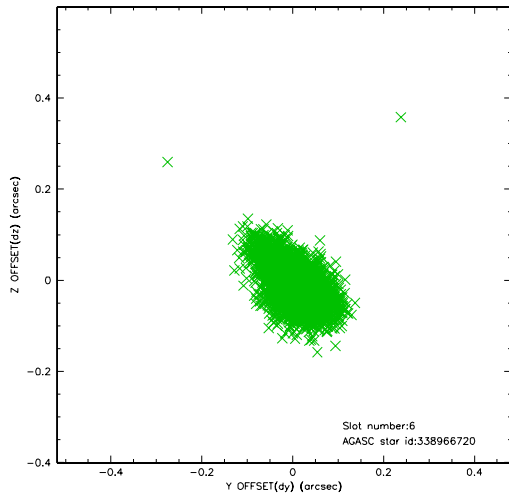
2.4.2 Slot 4



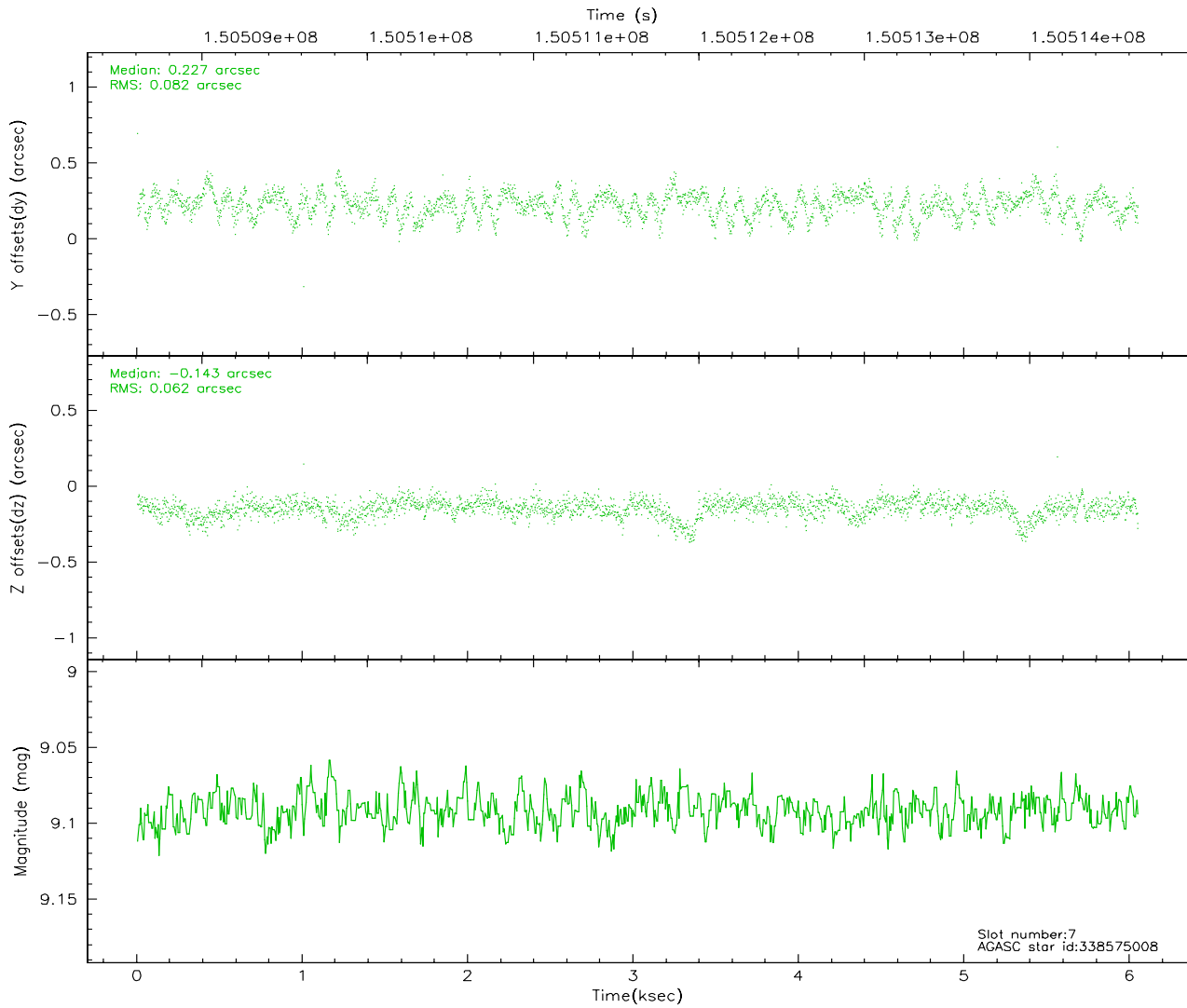
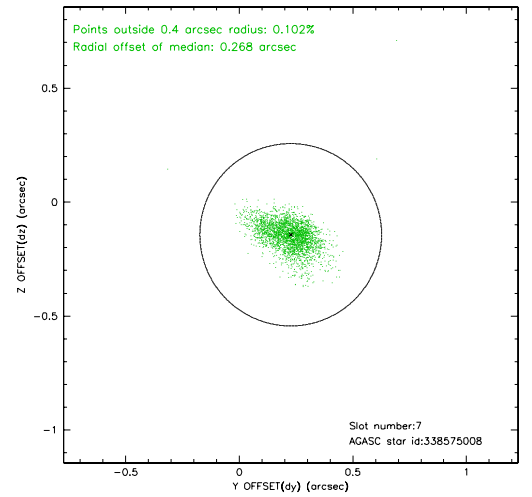
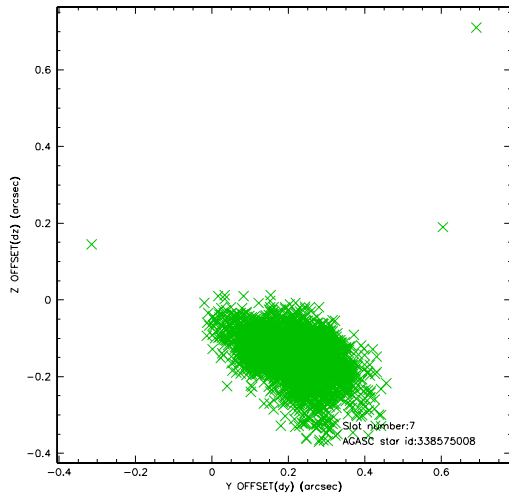
2.4.3 Slot 5



2.4.4 Slot 6

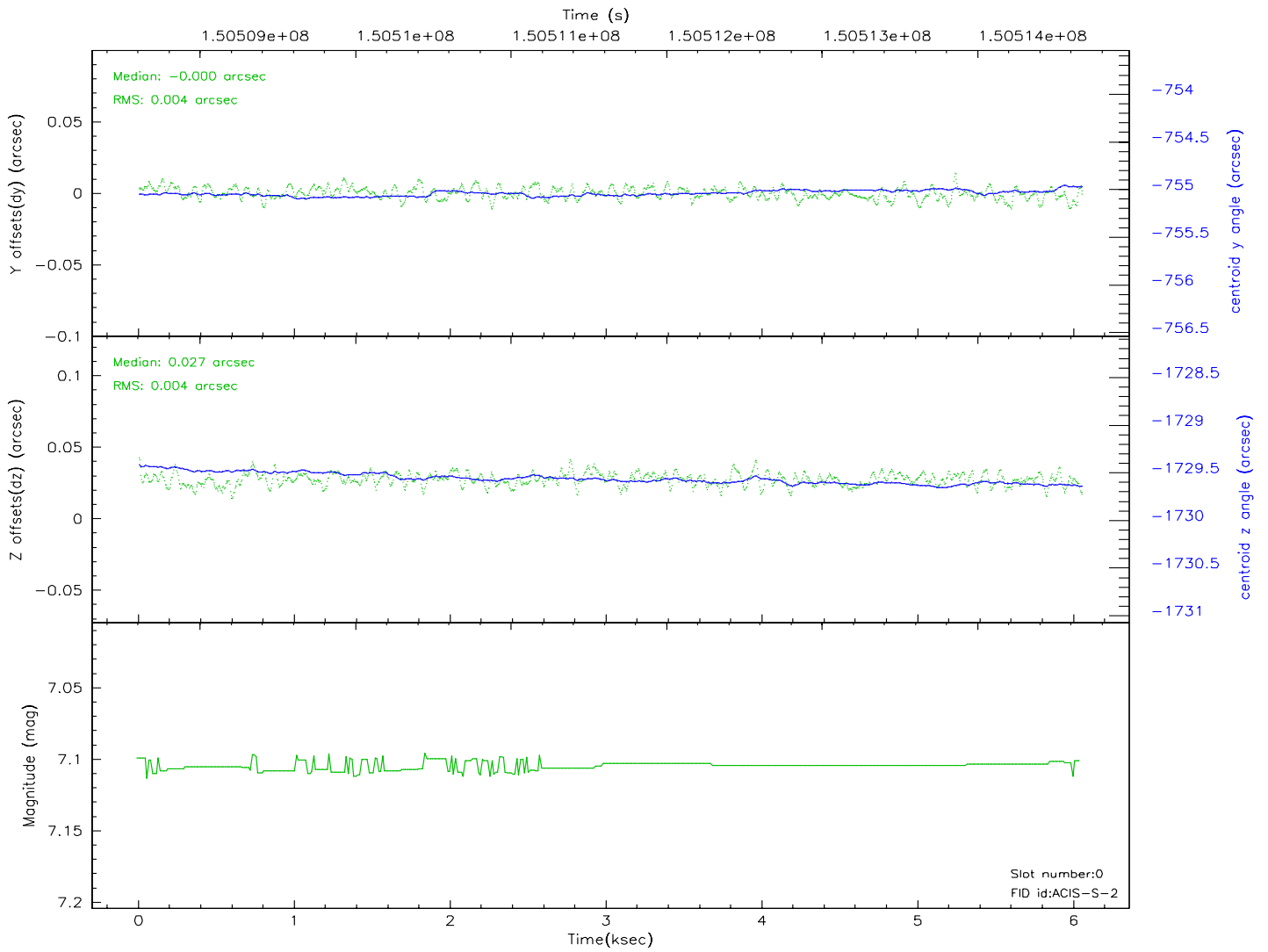
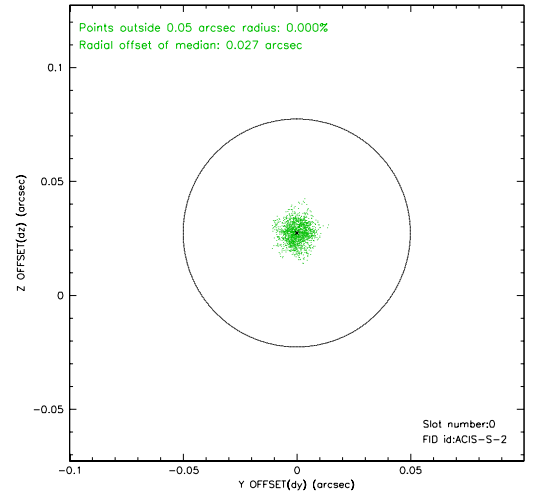
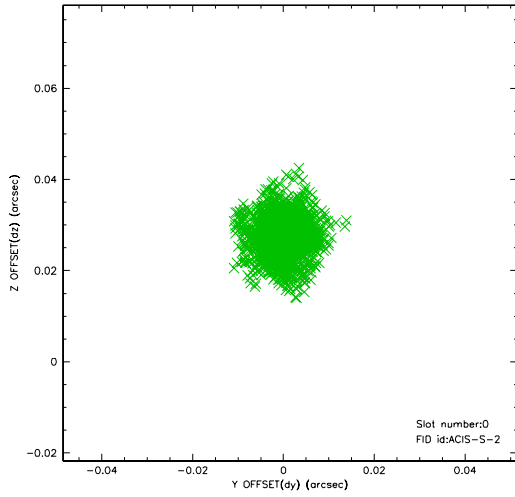


2.4.5 Slot 7

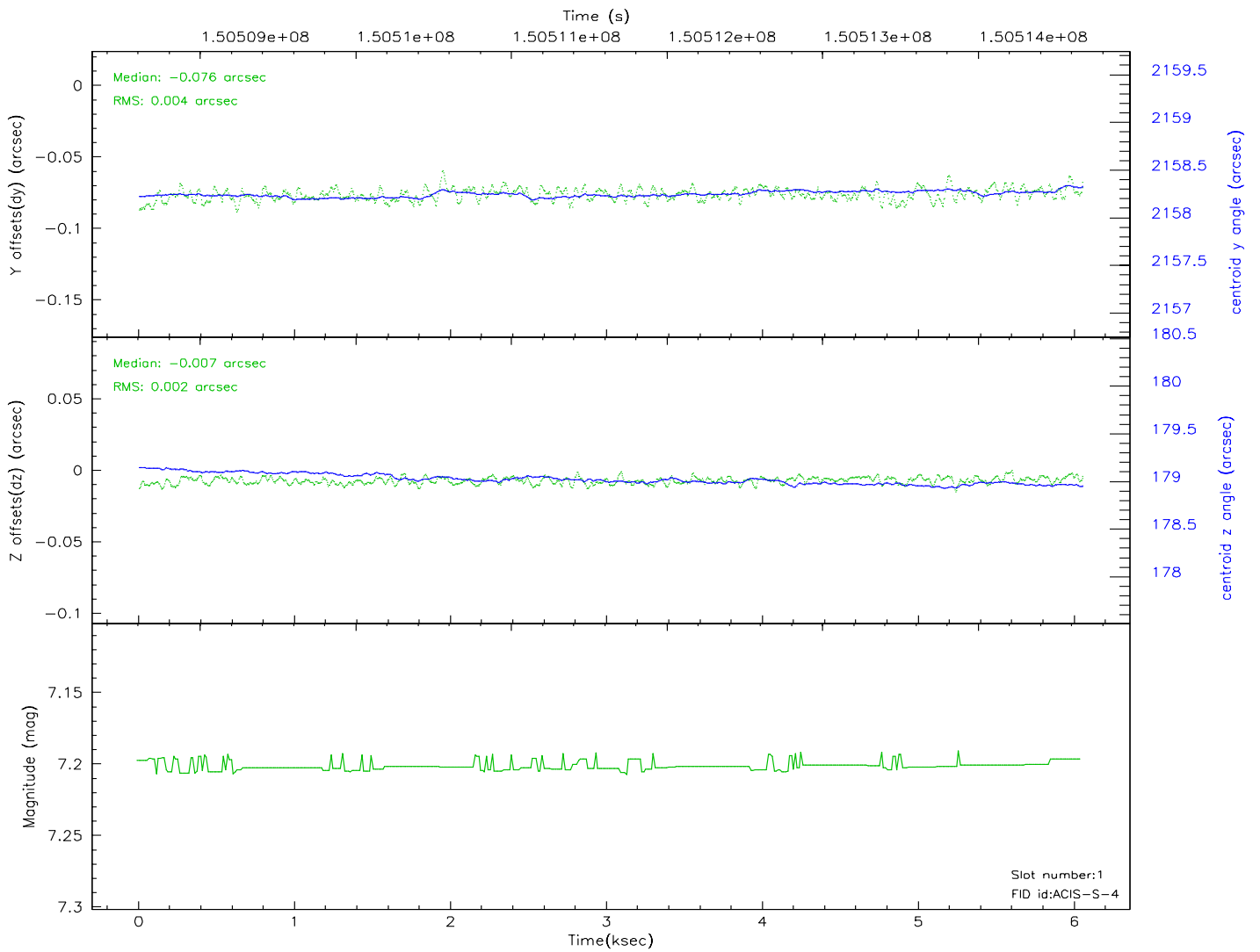
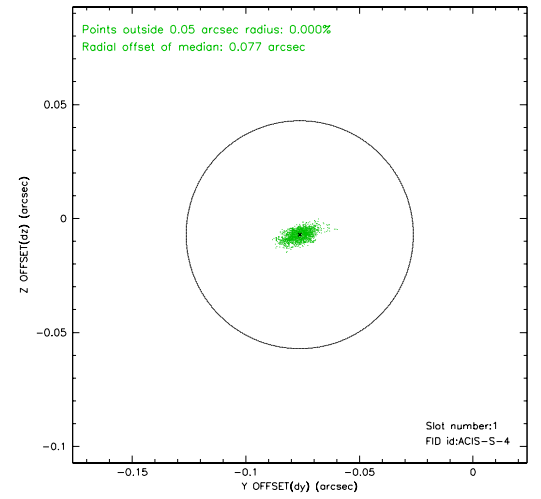
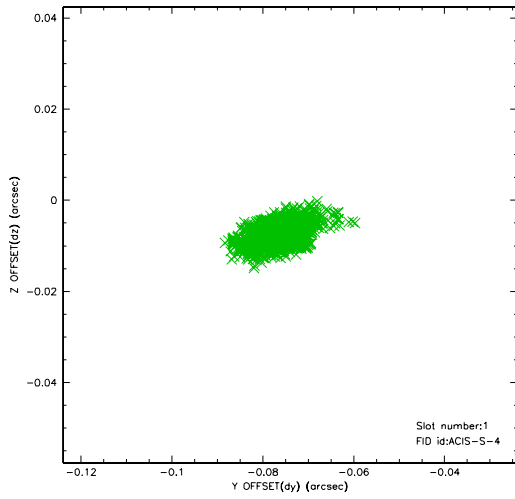


2.5 FID Slots

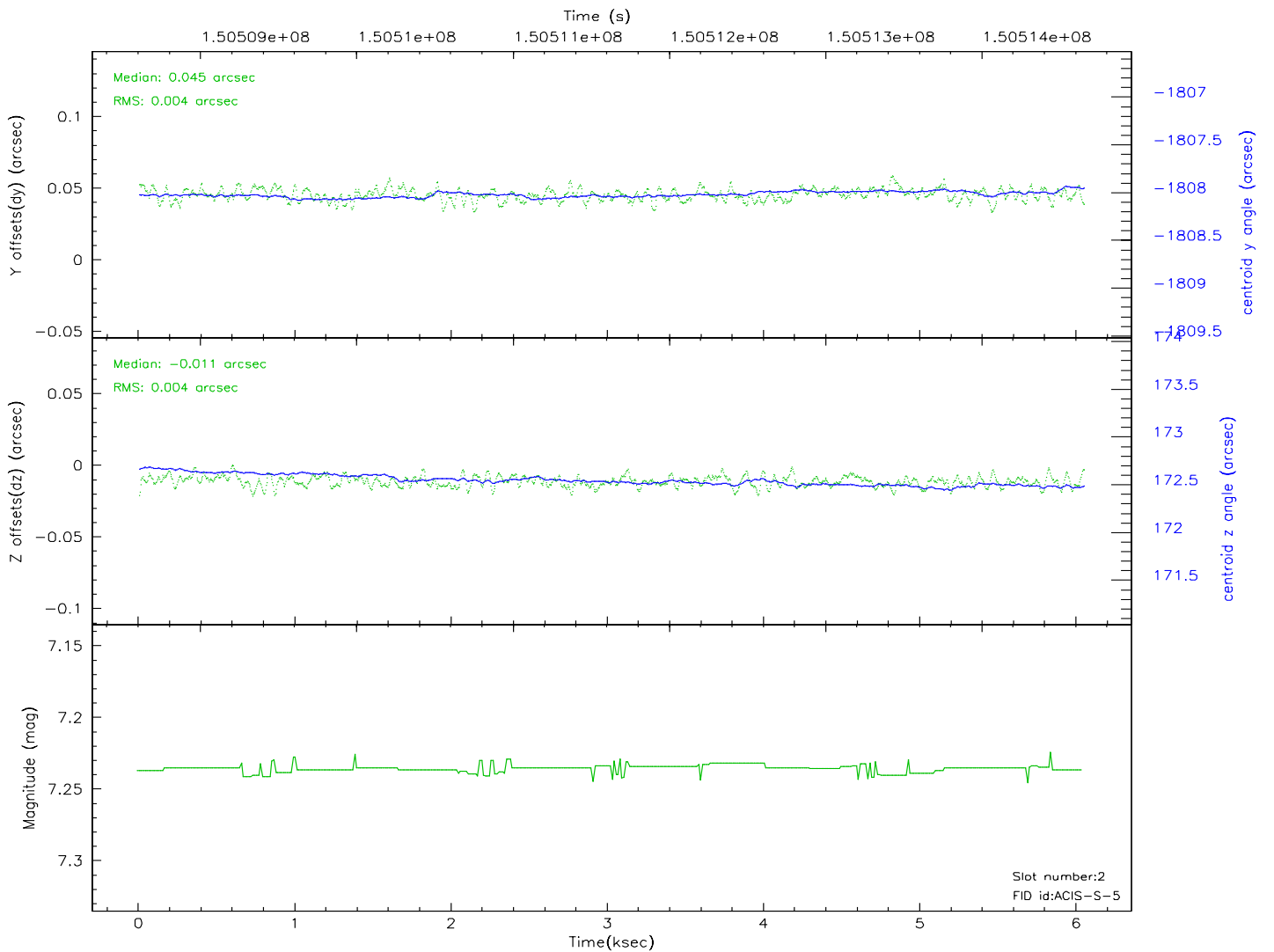
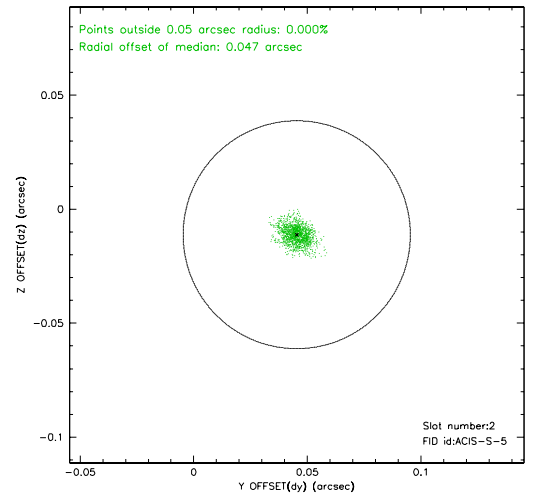
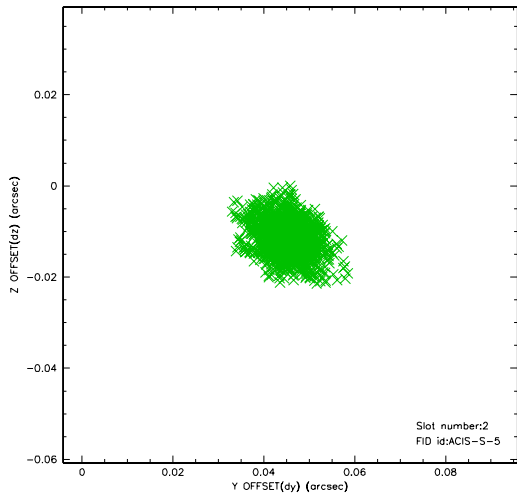
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

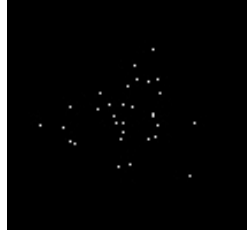
8.81 arcmin



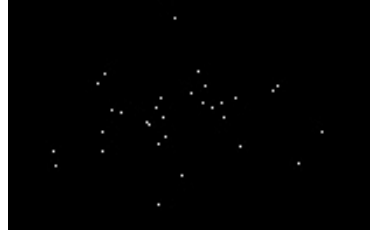
9.01 arcmin



10.77 arcmin



5.40 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.161

A.2 Comments