

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4863 - L2 Version 001
Chandra X-Ray Center

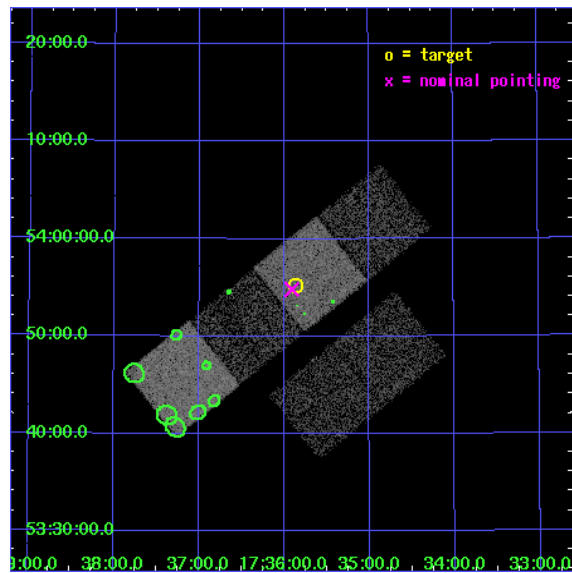
L2 Processing Date : Jun 30 2006

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1 Front

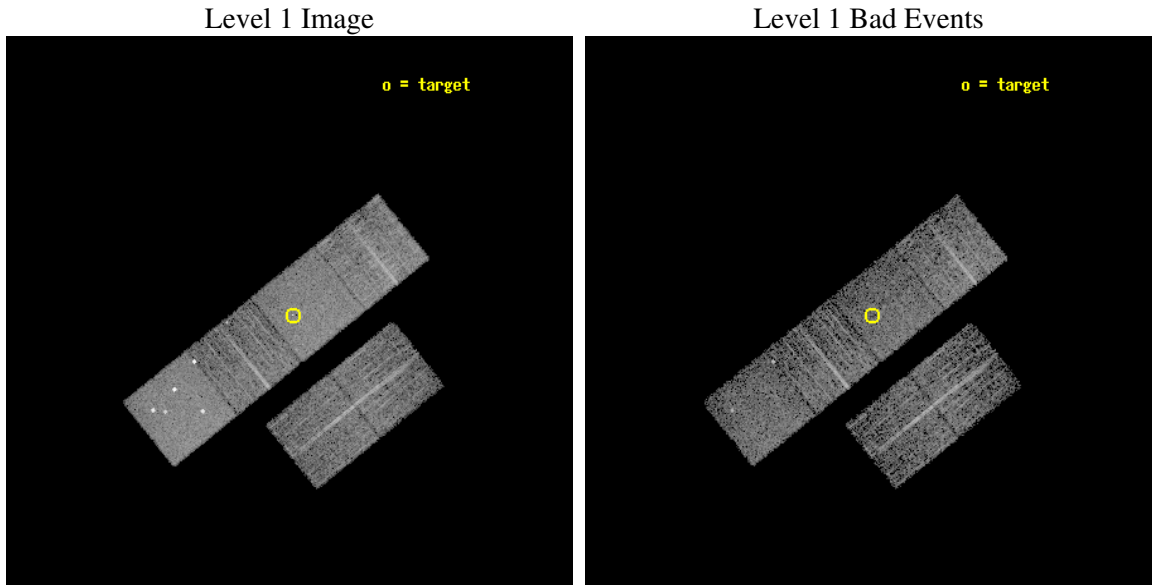
seq_num	700945
obs_id	4863
title	X-ray Properties of Dust Reddened Quasars from the Sloan Digital Sky Survey
observer	Gordon Richards
object	SDSS J173551.92+535515.6
dtcycle	0
cycle	P
ra_targ	263.96625
dec_targ	53.921
ra_nom	263.97716265581
dec_nom	53.913729131427
roll_nom	321.1232545214
revision	2
ontime	5491.1999795437
livetime	5421.667098999
ontime2	5491.1999795437
ontime3	5491.1999795437
ontime5	5491.1999795437
ontime6	5491.1999795437
ontime7	5491.1999795437
ontime8	5487.9590092003
l2events	52592



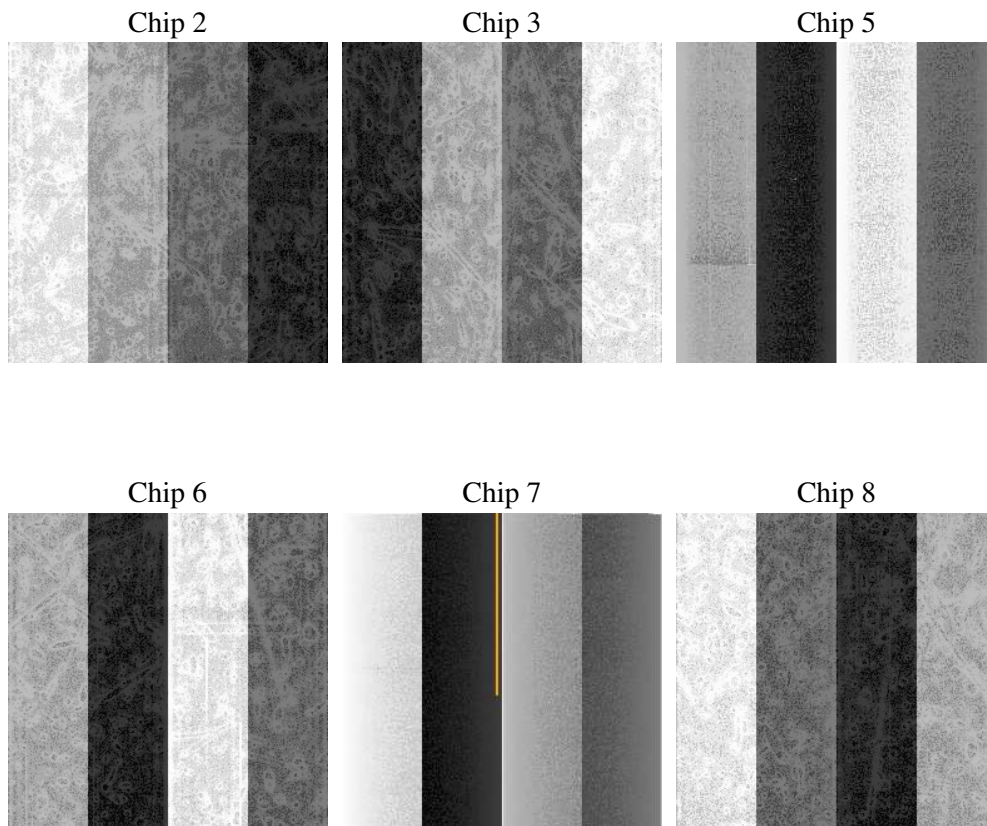
2 OBI

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	2006-06-30T10:16:44
revision	2

sched_exp_time	5730.000000
ontime	5493.5065078139
ontime2	5493.5065078139
ontime3	5493.5065078139
ontime5	5493.5065078139
ontime6	5493.506487906
ontime7	5493.5065078139
ontime8	5490.2654479146
l1events	233838

2.1.4 Events

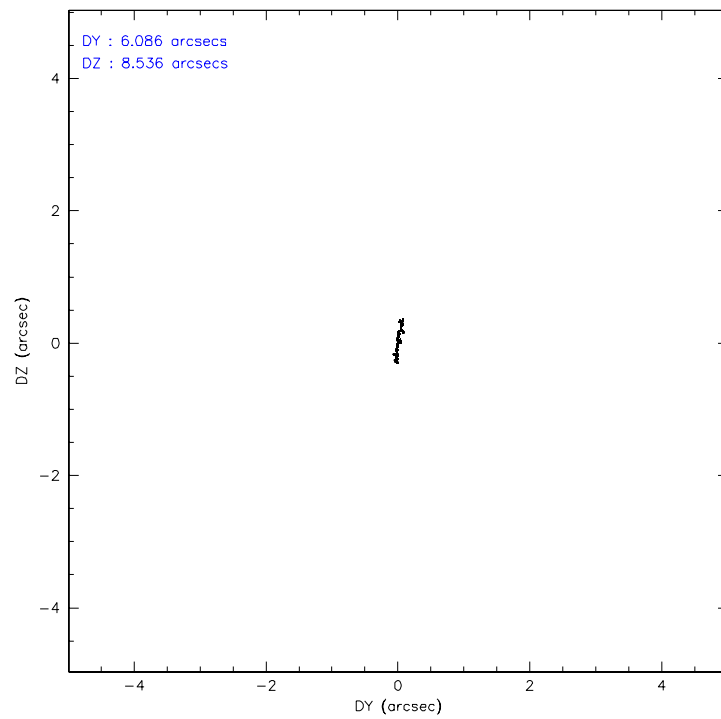
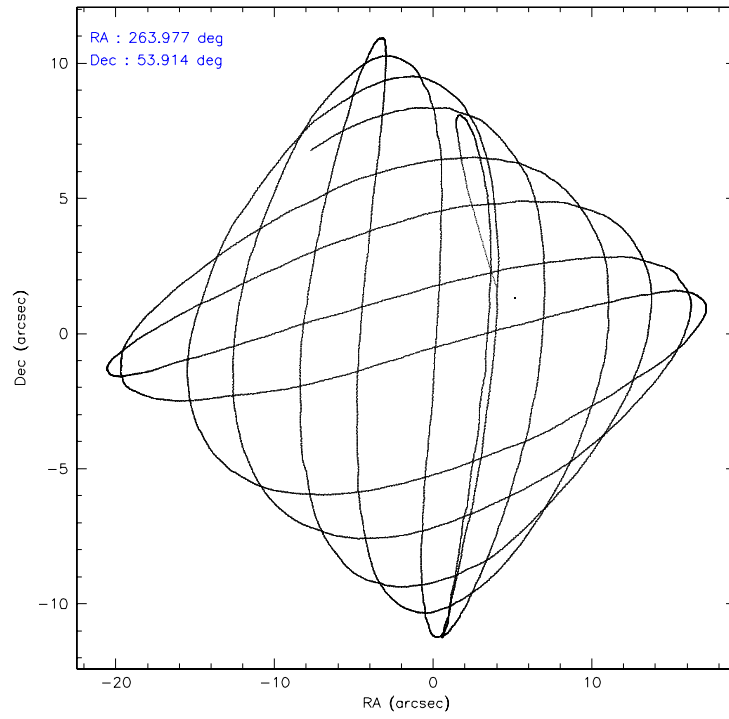
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	30718	30888	51705	33128	43383	44016
rejected events	26338	26808	26185	28570	26052	33347
rejected %	85%	86%	50%	86%	60%	75%

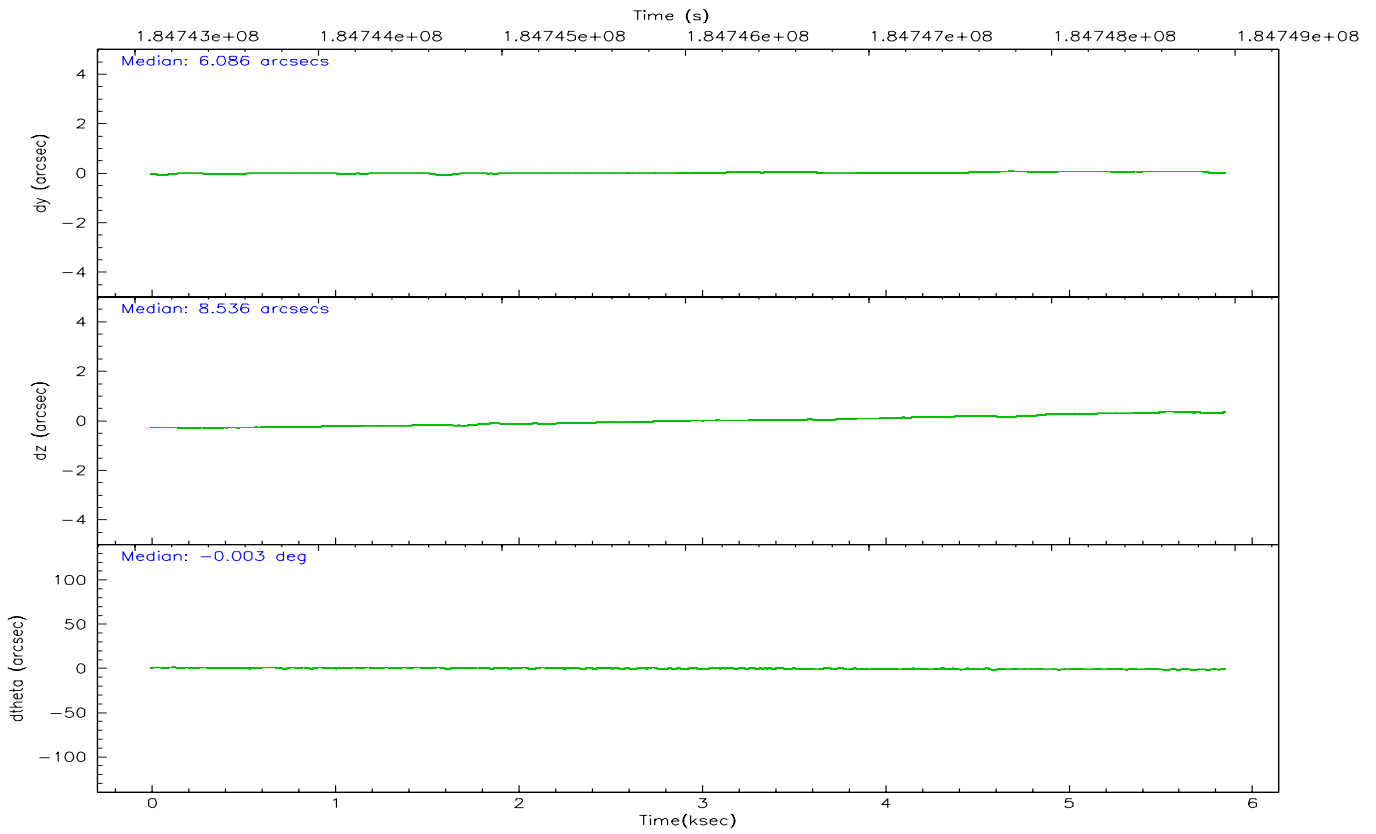
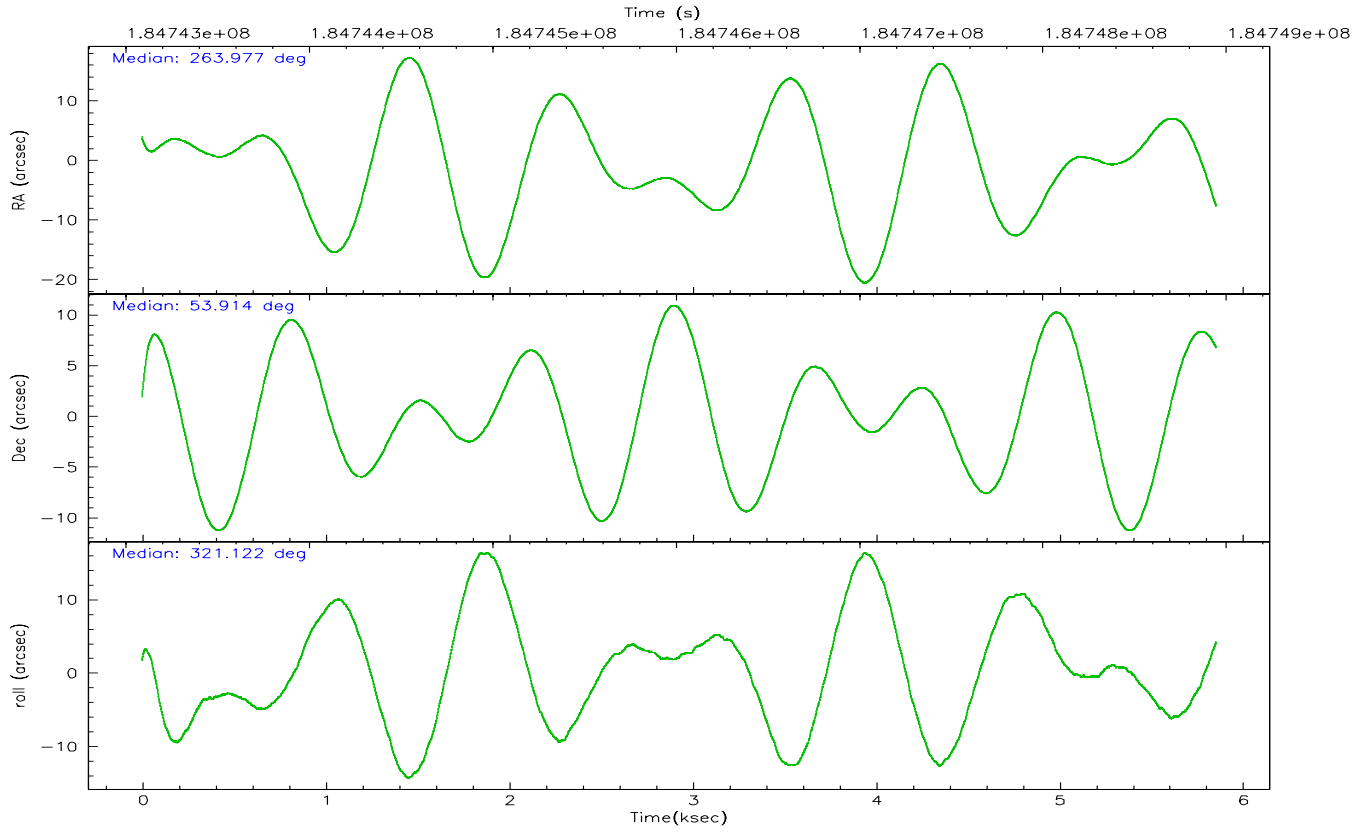
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2030	1839	4673	1989	1166	3509
	6%	5%	9%	6%	2%	7%
grade 1 events	24	25	84	11	35	30
	0%	0%	0%	0%	0%	0%
grade 2 events	851	823	7004	927	4321	2012
	2%	2%	13%	2%	9%	4%
grade 3 events	375	347	649	391	890	1381
	1%	1%	1%	1%	2%	3%
grade 4 events	405	354	711	391	892	1309
	1%	1%	1%	1%	2%	2%
grade 5 events	1195	1384	2415	1394	2824	1732
	3%	4%	4%	4%	6%	3%
grade 6 events	723	718	12500	861	10069	2462
	2%	2%	24%	2%	23%	5%
grade 7 events	25115	25398	23669	27164	23186	31581
	81%	82%	45%	81%	53%	71%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	263.931254	263.9771626558118	Alternating exposures requested	N	N
Pointing Dec	53.917537	53.91372913142726	Primary exposure time	0.000000	3.2
Pointing Roll	321.003715	321.1232545213958			
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	184743209.184000	184741973.06256			
Observation start date	2003-11-09T05:32:25	2003-11-09T05:12:53			
Observation end time	184748939.184000	184749726.16289			
Observation end date	2003-11-09T07:07:55	2003-11-09T07:22:06			
Read mode	TIMED	TIMED			

2.3 Aspect



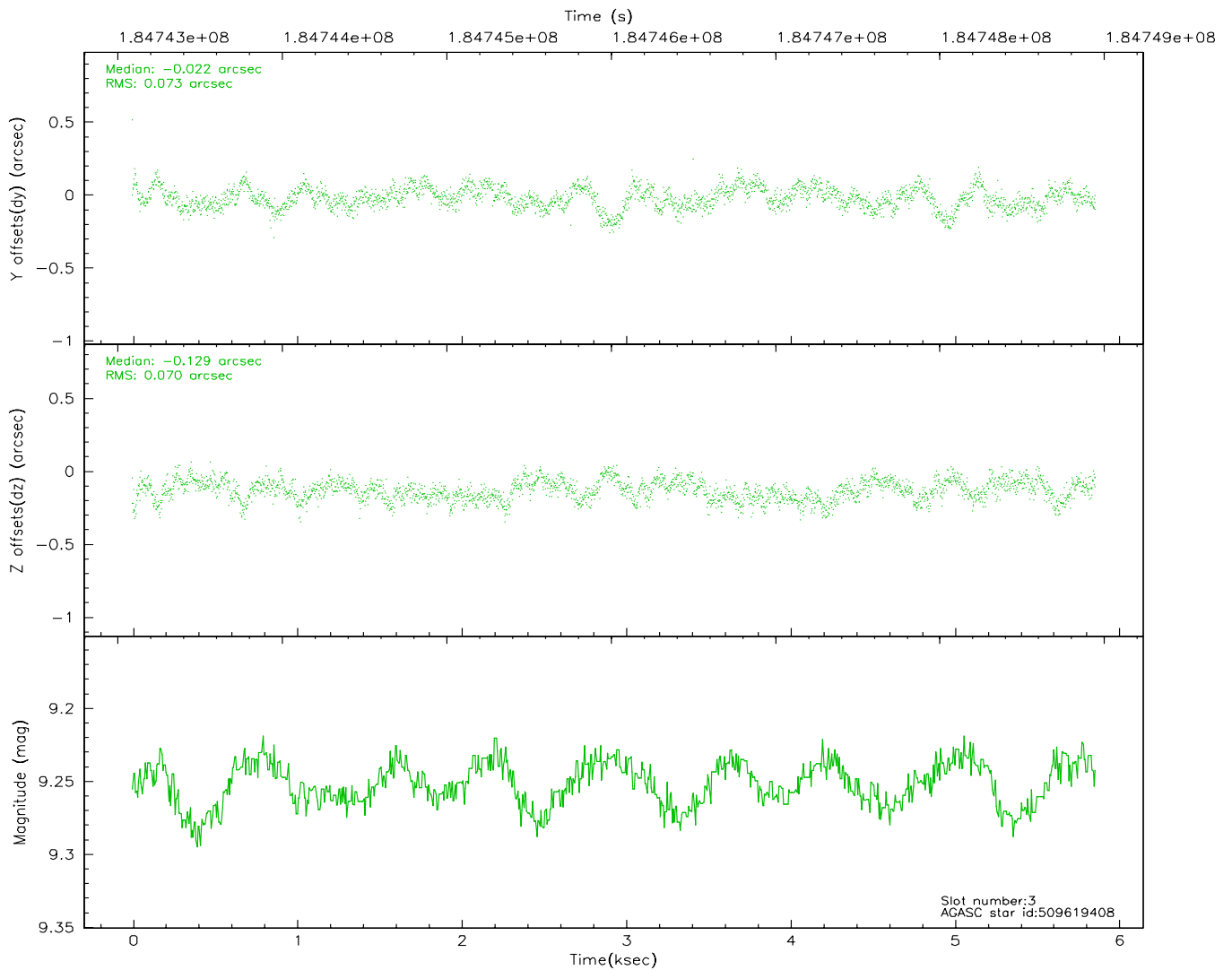
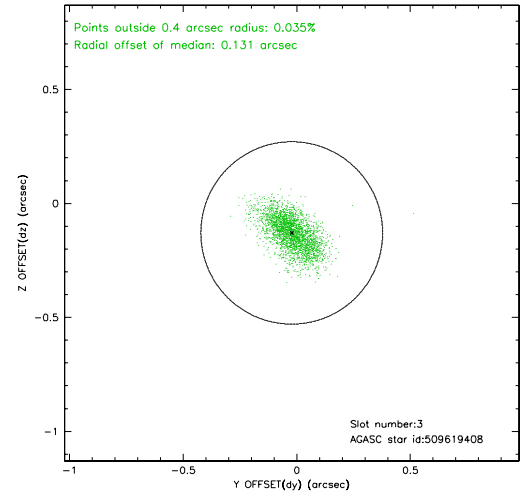
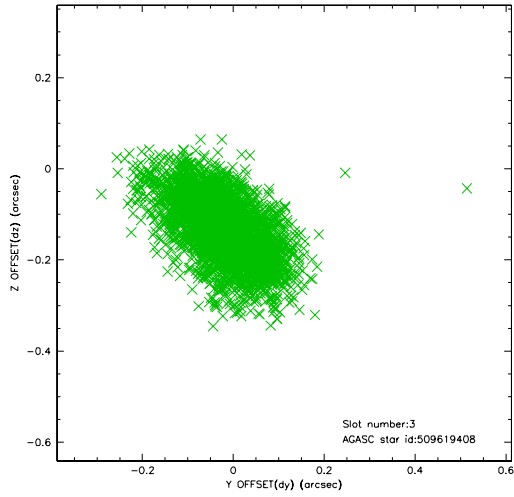


Slot Statistics

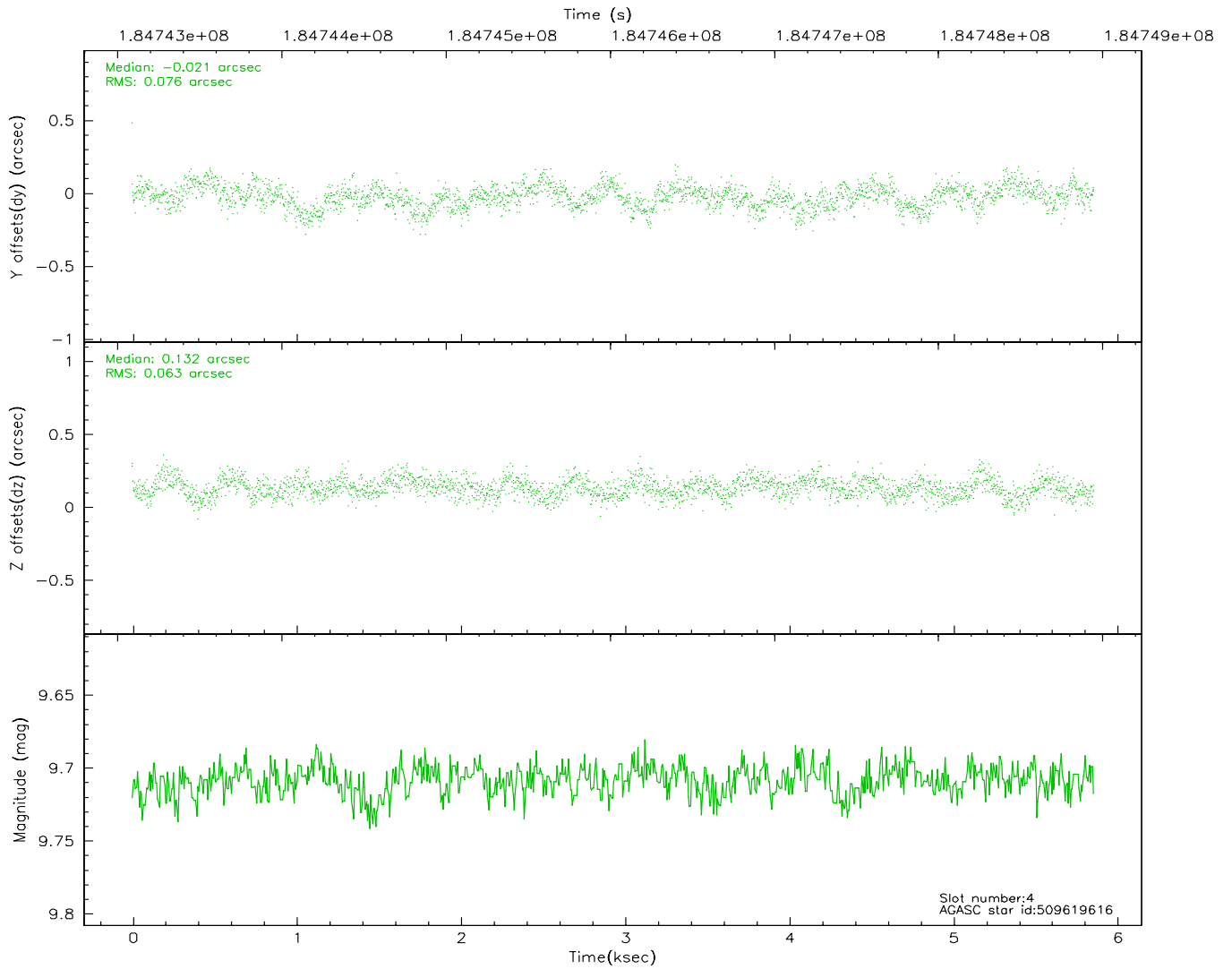
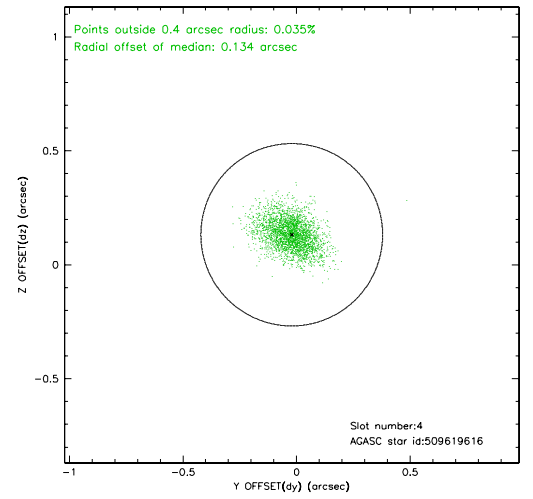
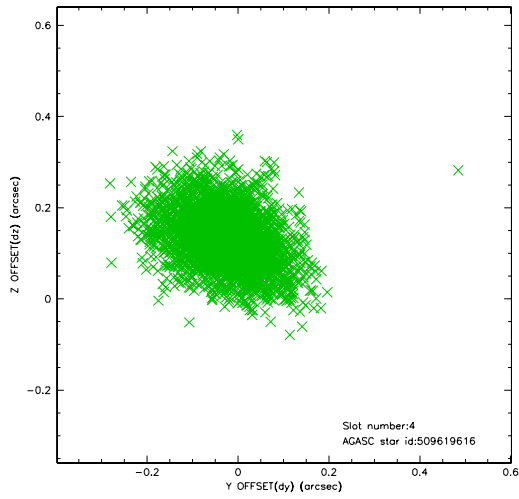
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1429	-0.026	-0.018	0.007	0.011	0.000000	0.000000	-758.87	-1729.75
1	FID	ACIS-S-4	7.21	1429	0.025	0.018	0.005	0.009	0.000000	0.000000	2154.02	177.69
2	FID	ACIS-S-5	7.23	1429	-0.030	0.009	0.006	0.010	0.000000	0.000000	-1810.39	172.55
3	GUIDE	509619408	9.25	2858	-0.022	-0.129	0.107	0.177	262.859346	53.951959	-1853.30	-1319.60
4	GUIDE	509619616	9.71	2856	-0.021	0.132	0.104	0.173	263.183201	54.225440	-1926.67	-123.15
5	GUIDE	509742616	9.87	2858	0.032	0.042	0.123	0.199	264.491892	53.905487	947.99	718.13
6	GUIDE	509746536	8.95	2801	0.017	0.002	0.076	0.120	264.692553	53.666022	1826.96	324.98
7	GUIDE	509749752	10.32	2853	-0.002	-0.048	0.162	0.255	263.552766	53.895804	-575.25	-564.36

2.4 Star Slots

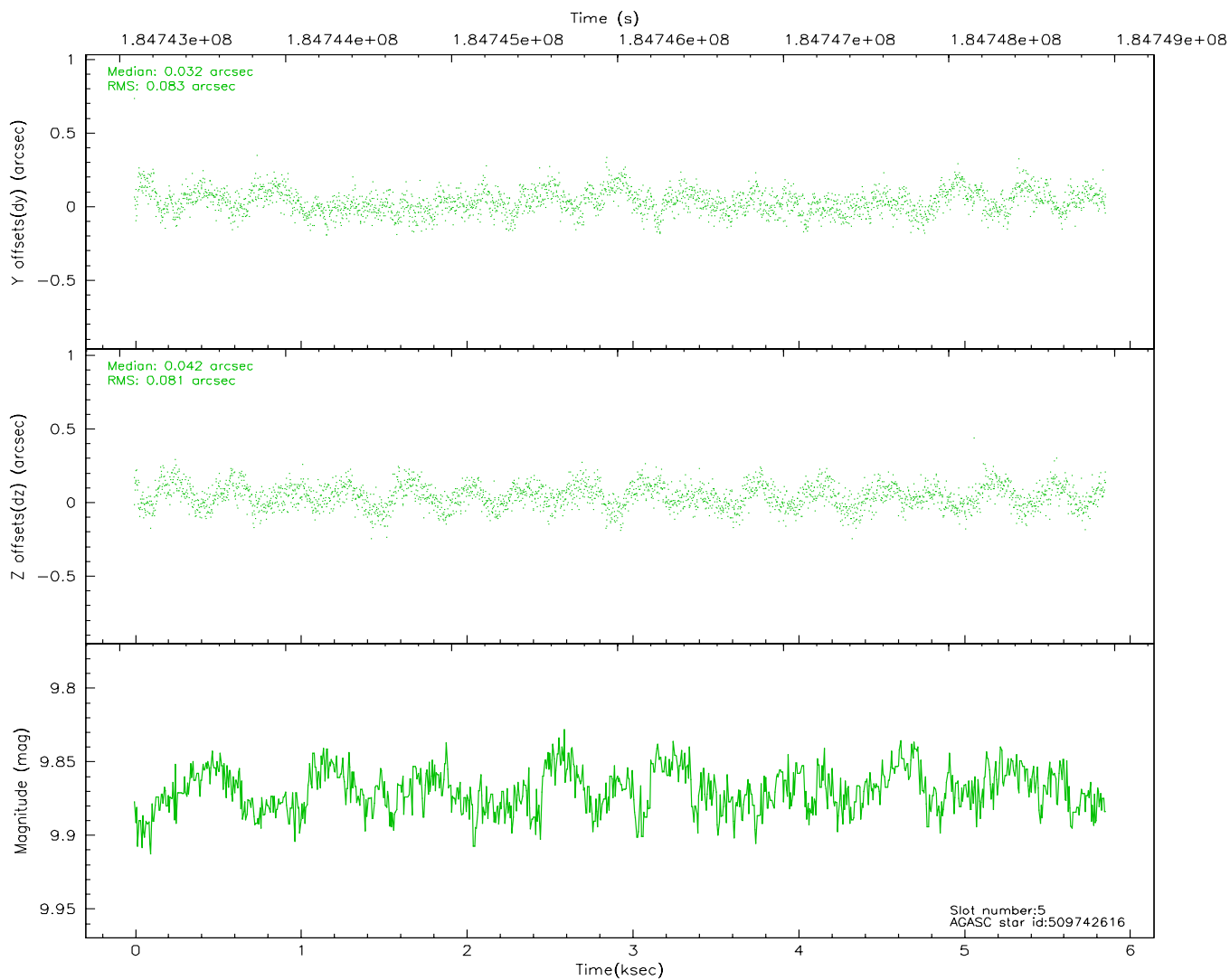
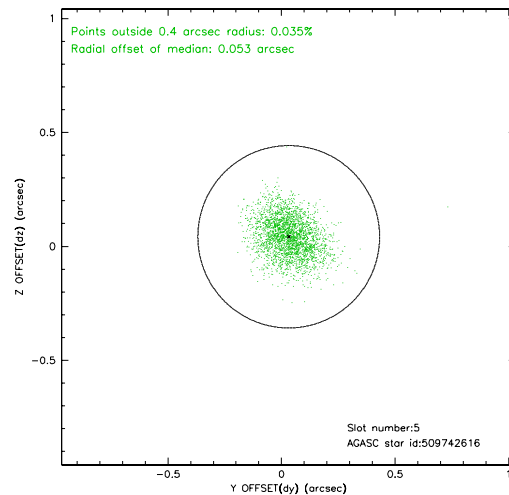
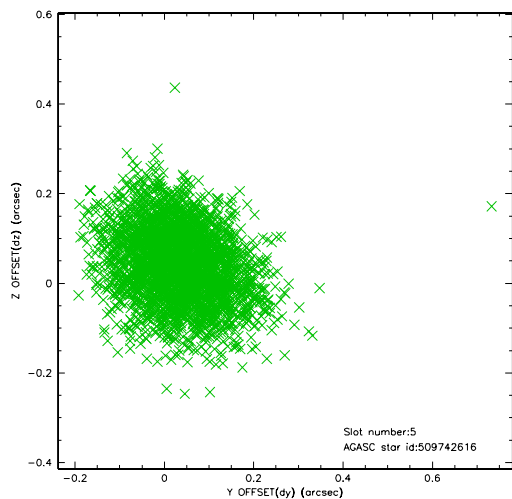
2.4.1 Slot 3



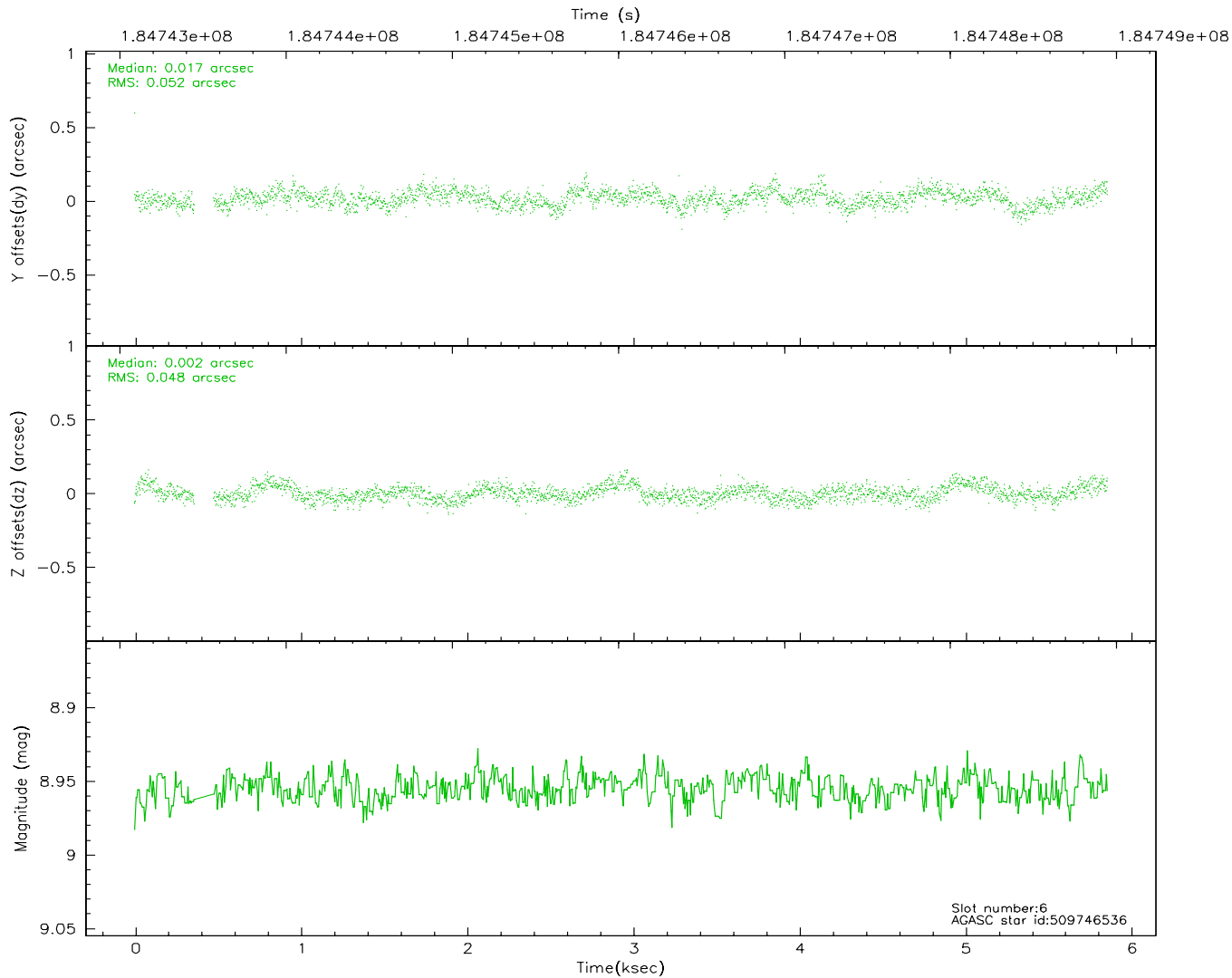
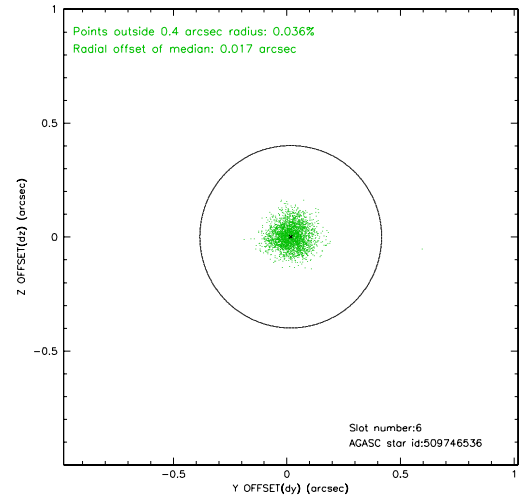
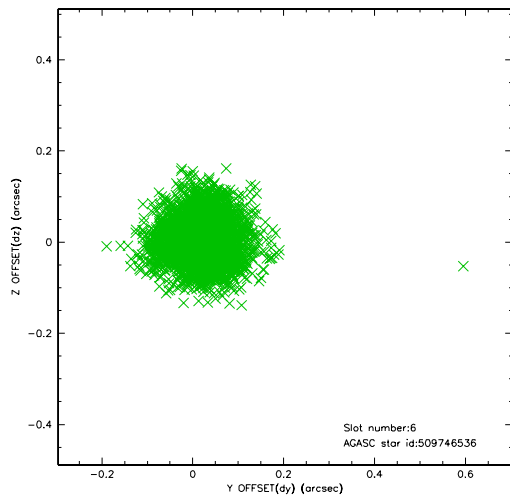
2.4.2 Slot 4



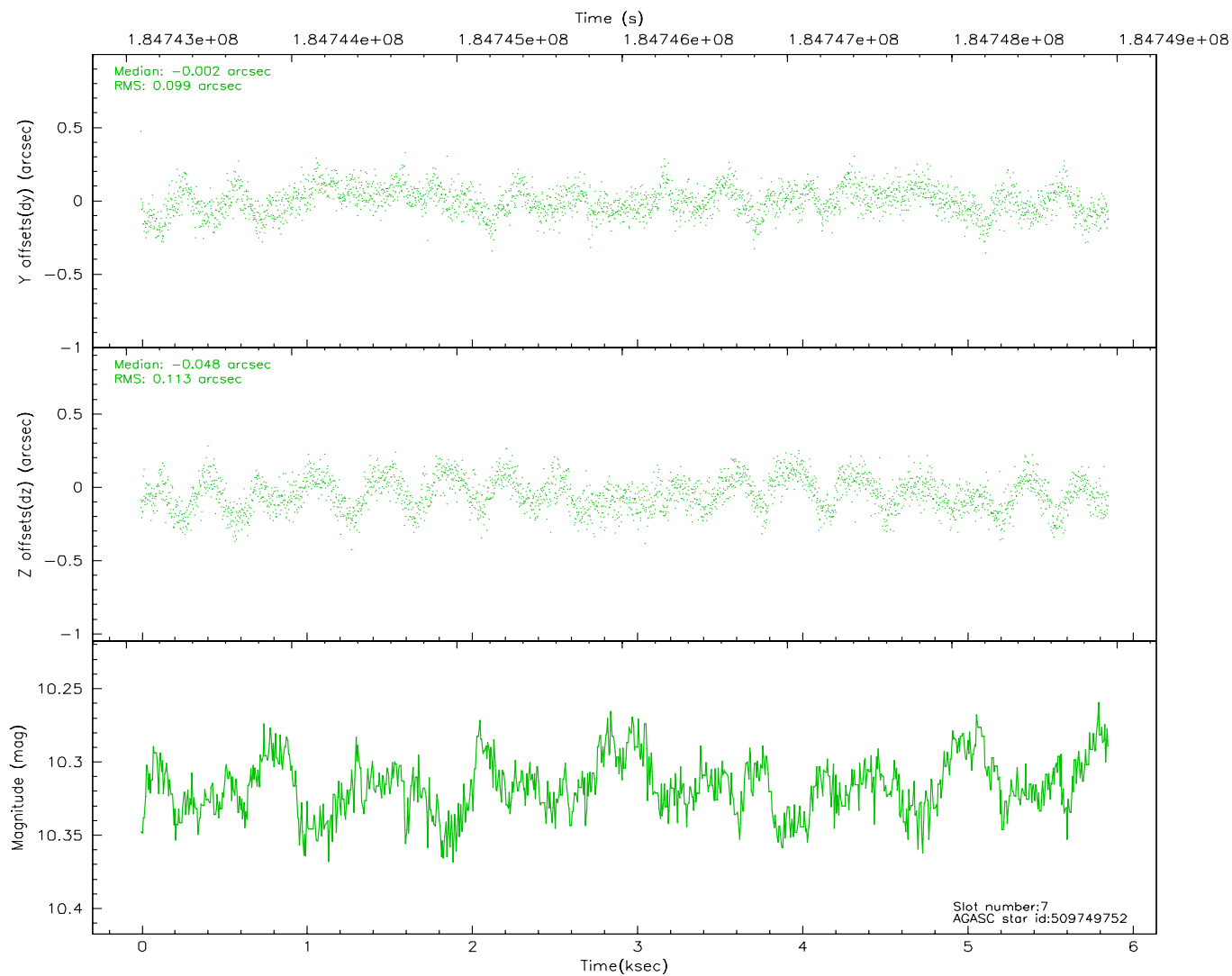
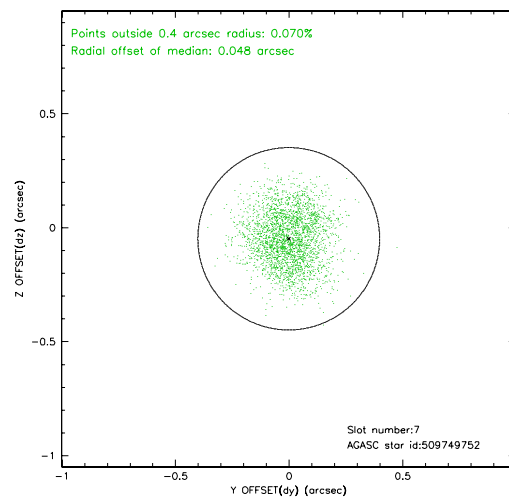
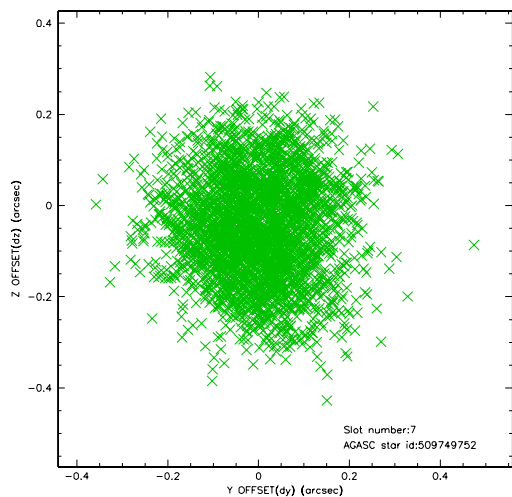
2.4.3 Slot 5



2.4.4 Slot 6

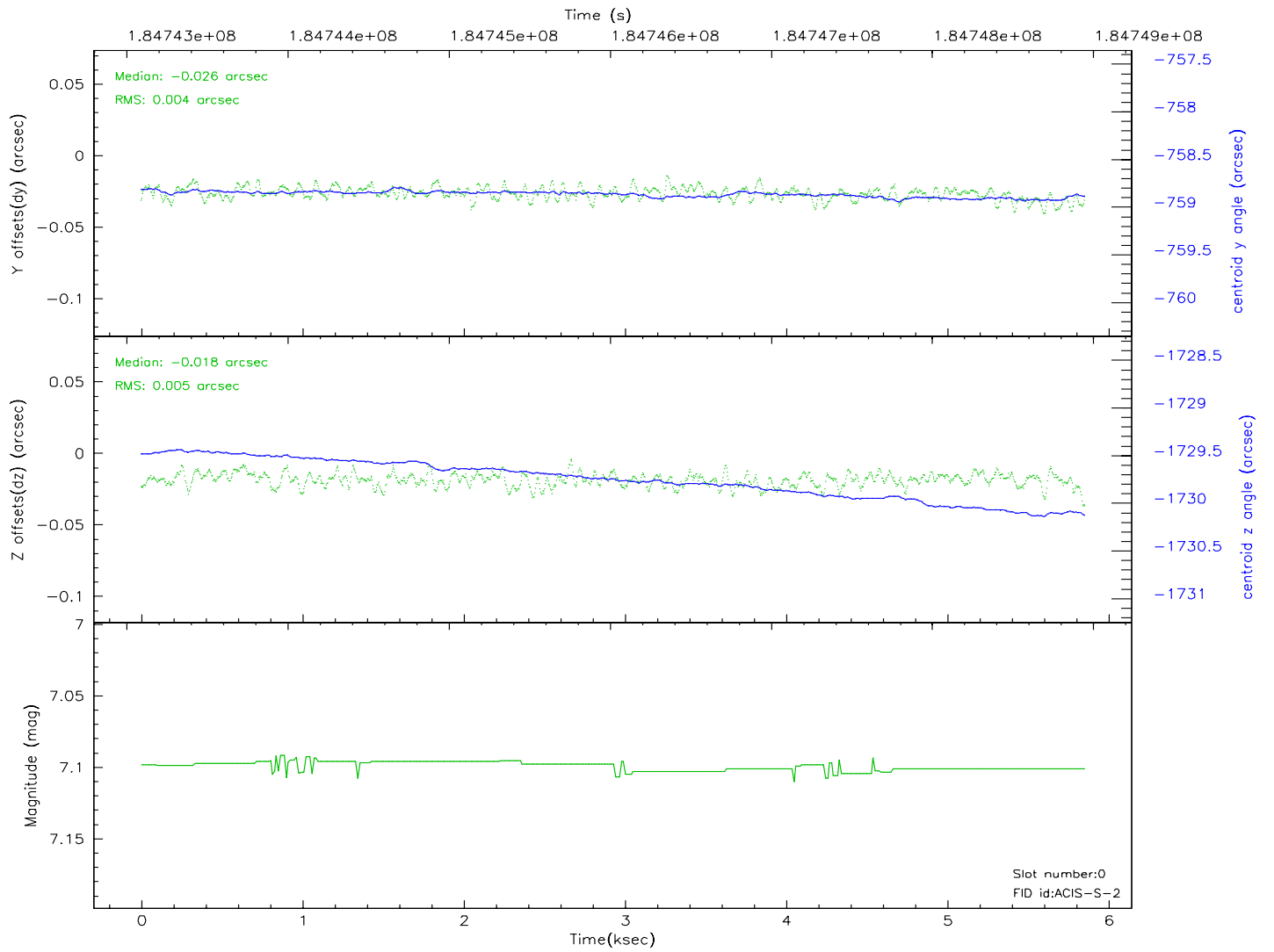
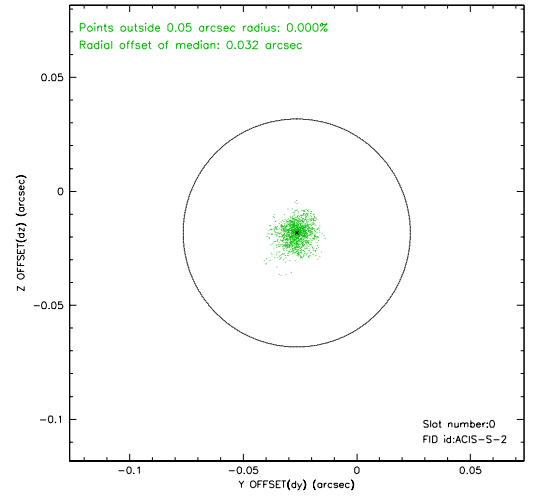
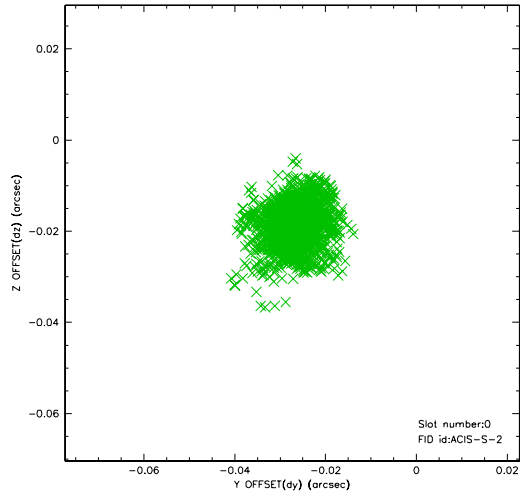


2.4.5 Slot 7

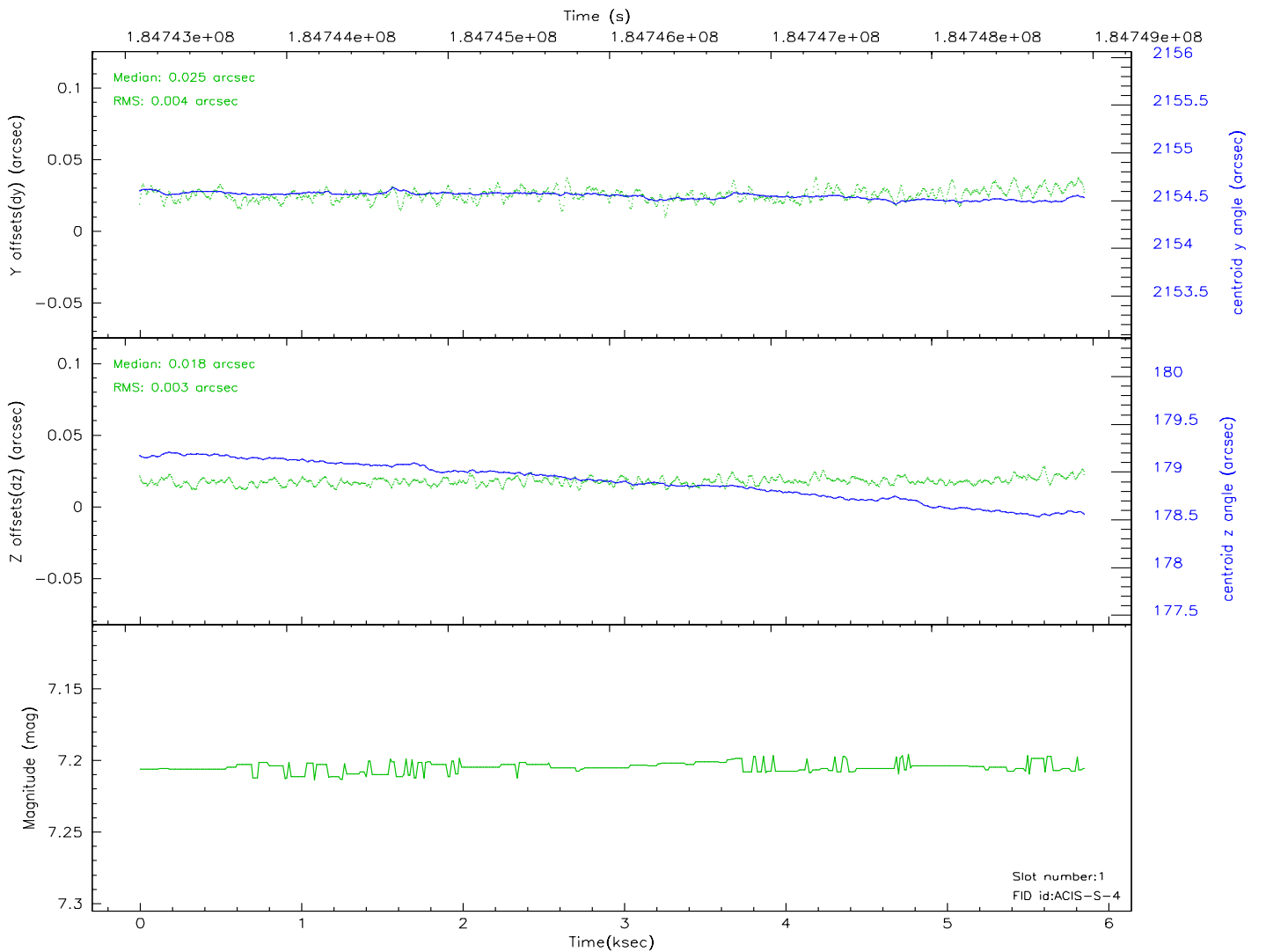
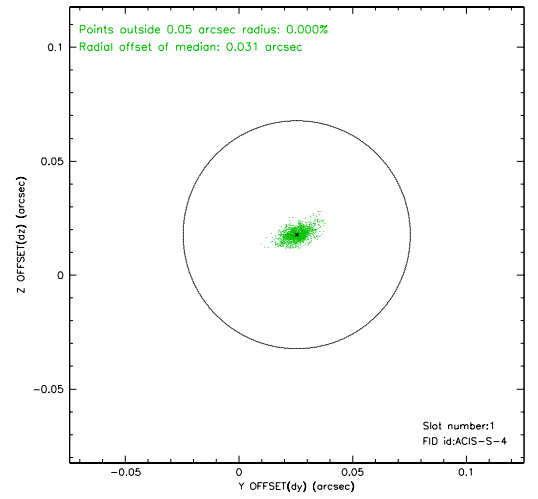
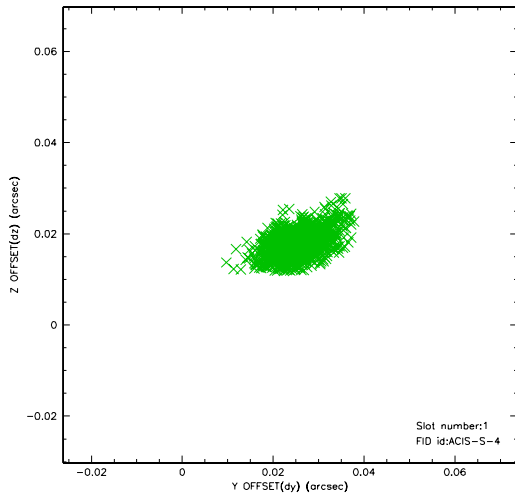


2.5 FID Slots

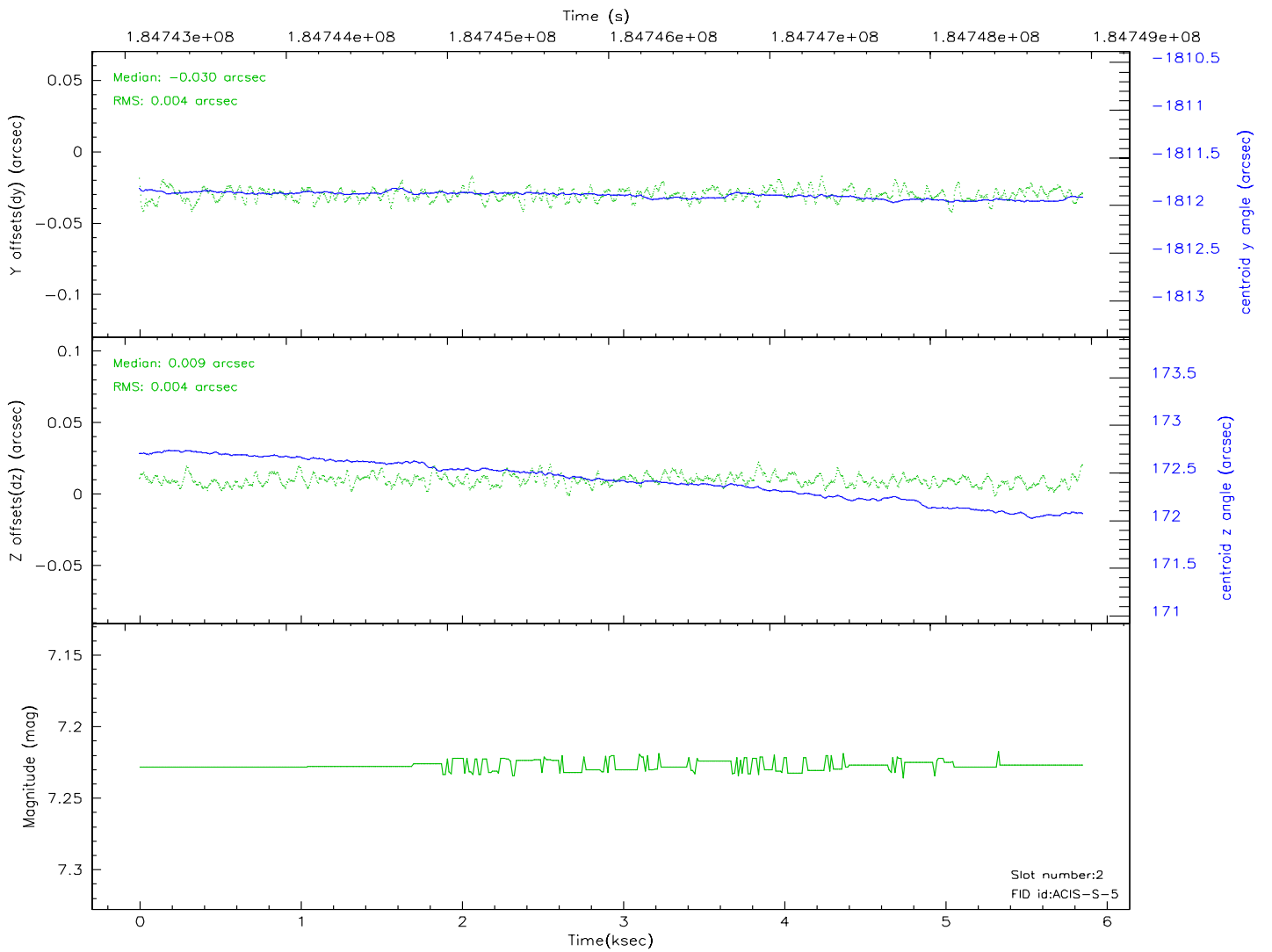
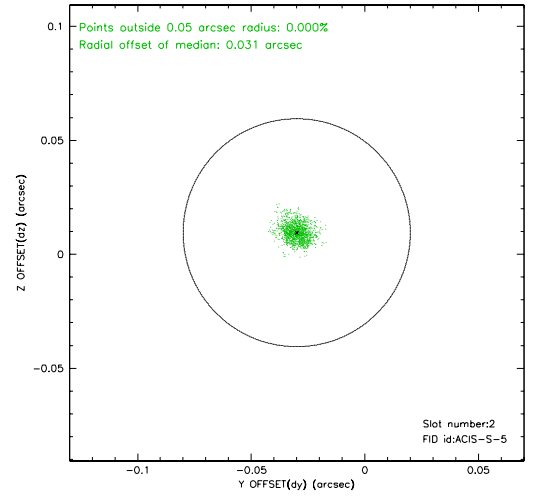
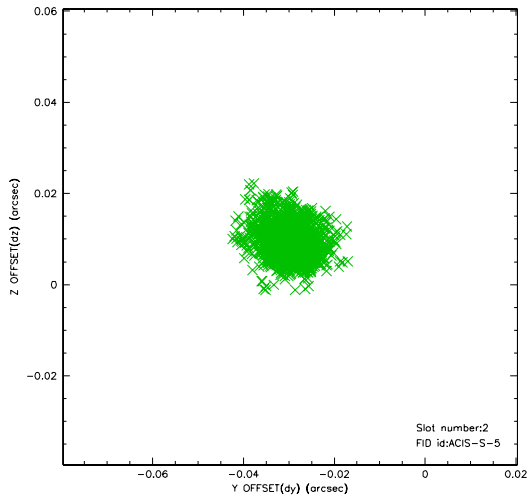
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

4.49 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.491

A.2 Comments