

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4856 - L2 Version 001
Chandra X-Ray Center

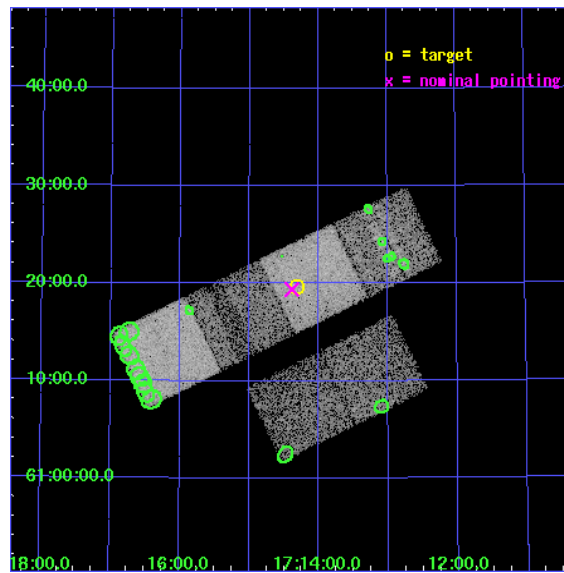
L2 Processing Date : Jun 27 2006

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1 Front

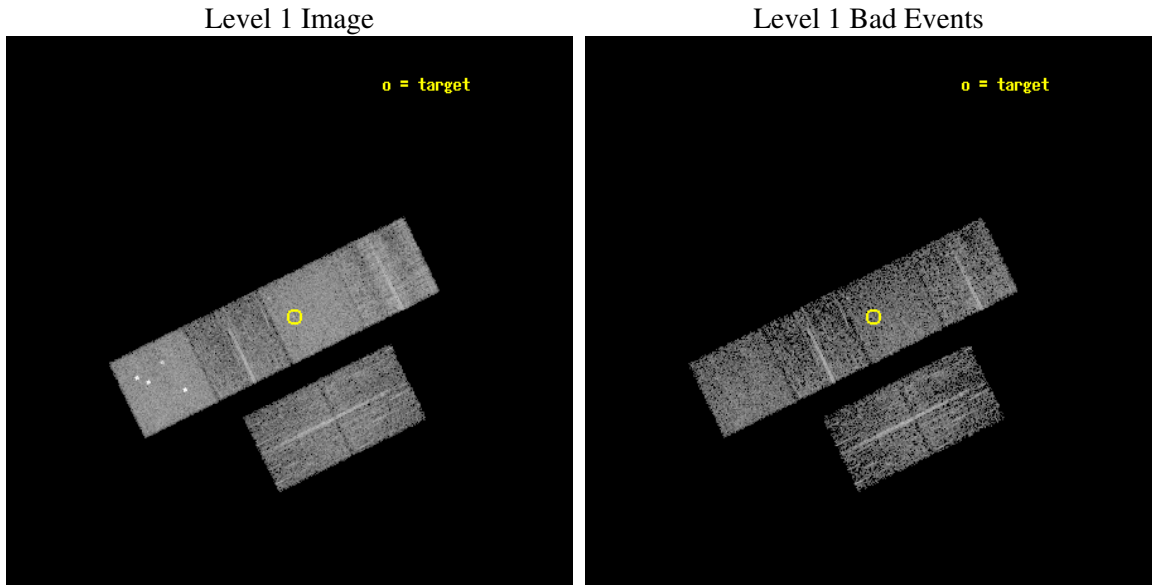
seq_num	700938
obs_id	4856
title	X-ray Properties of Dust Reddened Quasars from the Sloan Digital Sky Survey
observer	Gordon Richards
object	SDSS J171419.24+611944.5
dtcycle	0
cycle	P
ra_targ	258.58
dec_targ	61.329028
ra_nom	258.59627086223
dec_nom	61.323424115326
roll_nom	333.79629865551
revision	2
ontime	4681.5999825597
livetime	4622.3187446594
ontime2	4681.5999825597
ontime3	4681.5999825597
ontime5	4681.5999825597
ontime6	4681.5999825597
ontime7	4681.5999825597
ontime8	4681.5999825597
l2events	73557



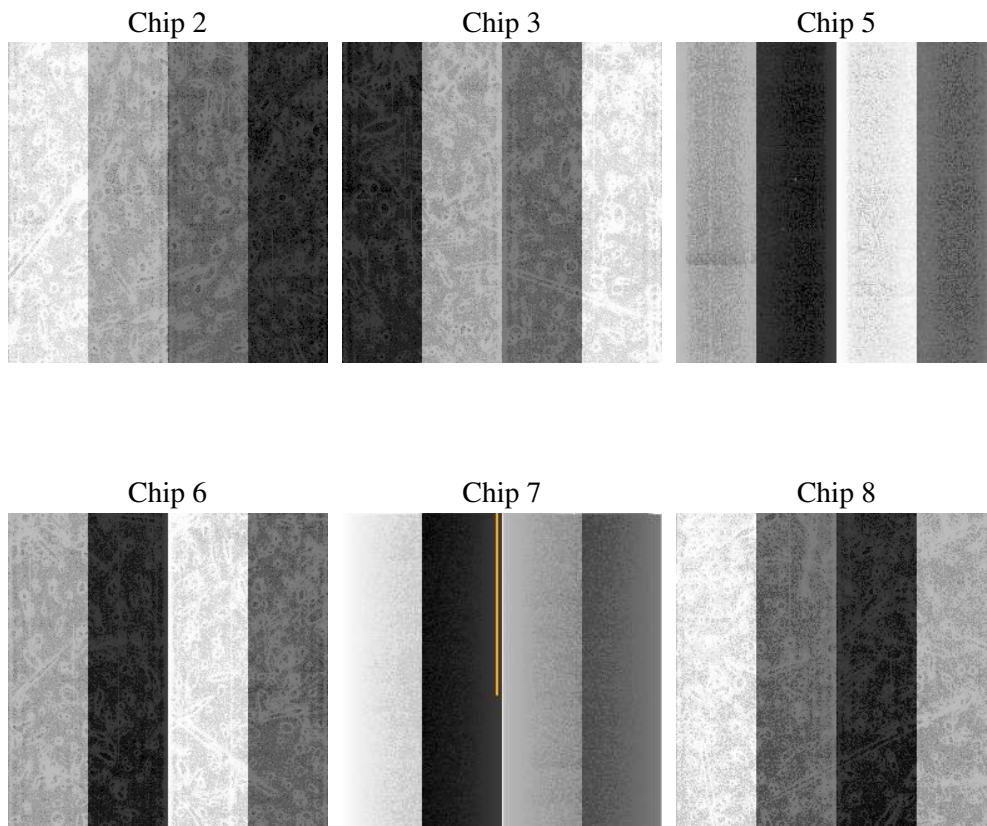
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-28T00:54:24
revision	2

sched_exp_time	4550.000000
ontime	5448.1196264029
ontime2	5448.1196264029
ontime3	5448.1196264029
ontime5	5448.1196264029
ontime6	5448.1196264029
ontime7	5448.1196264029
ontime8	5448.1196264029
l1events	266455

2.1.4 Events

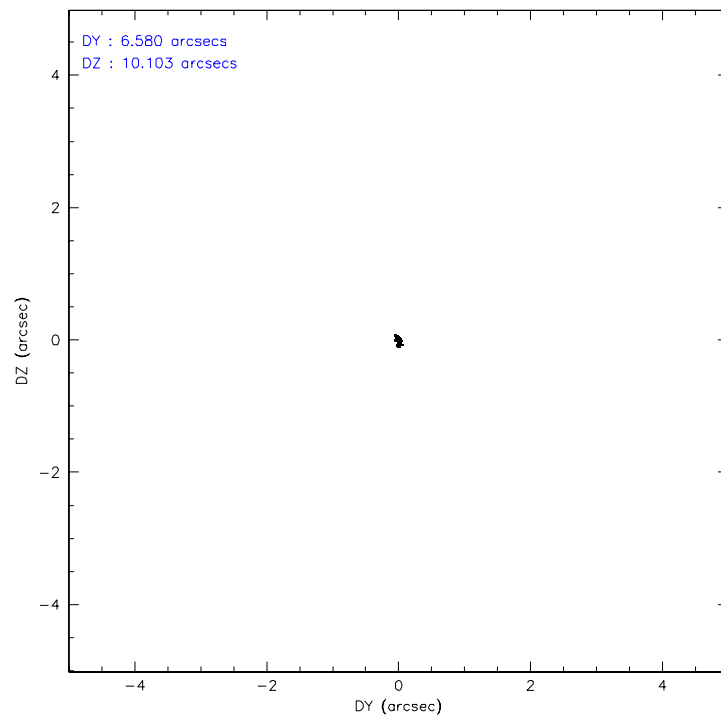
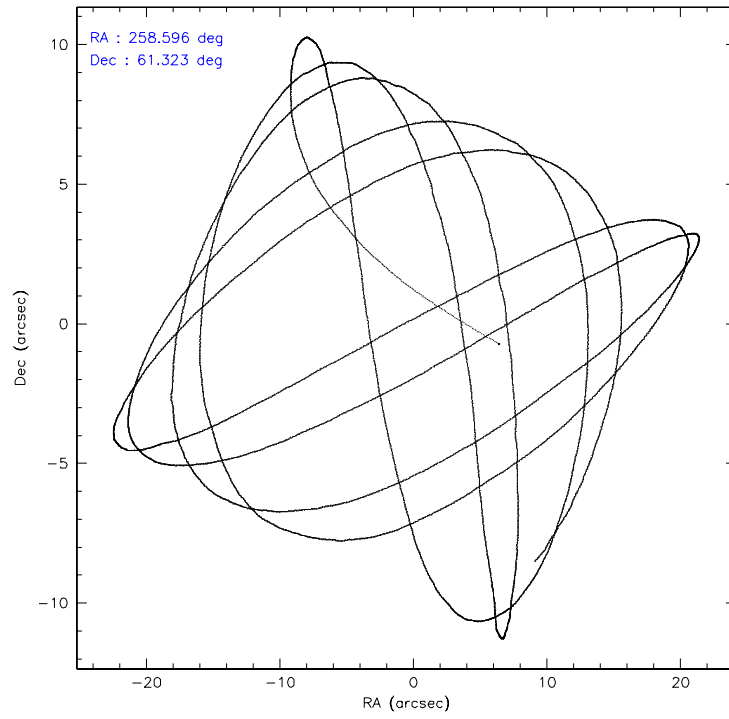
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	33407	32529	61884	33853	52706	52076
rejected events	27154	26164	32887	26739	30252	32975
rejected %	81%	80%	53%	78%	57%	63%

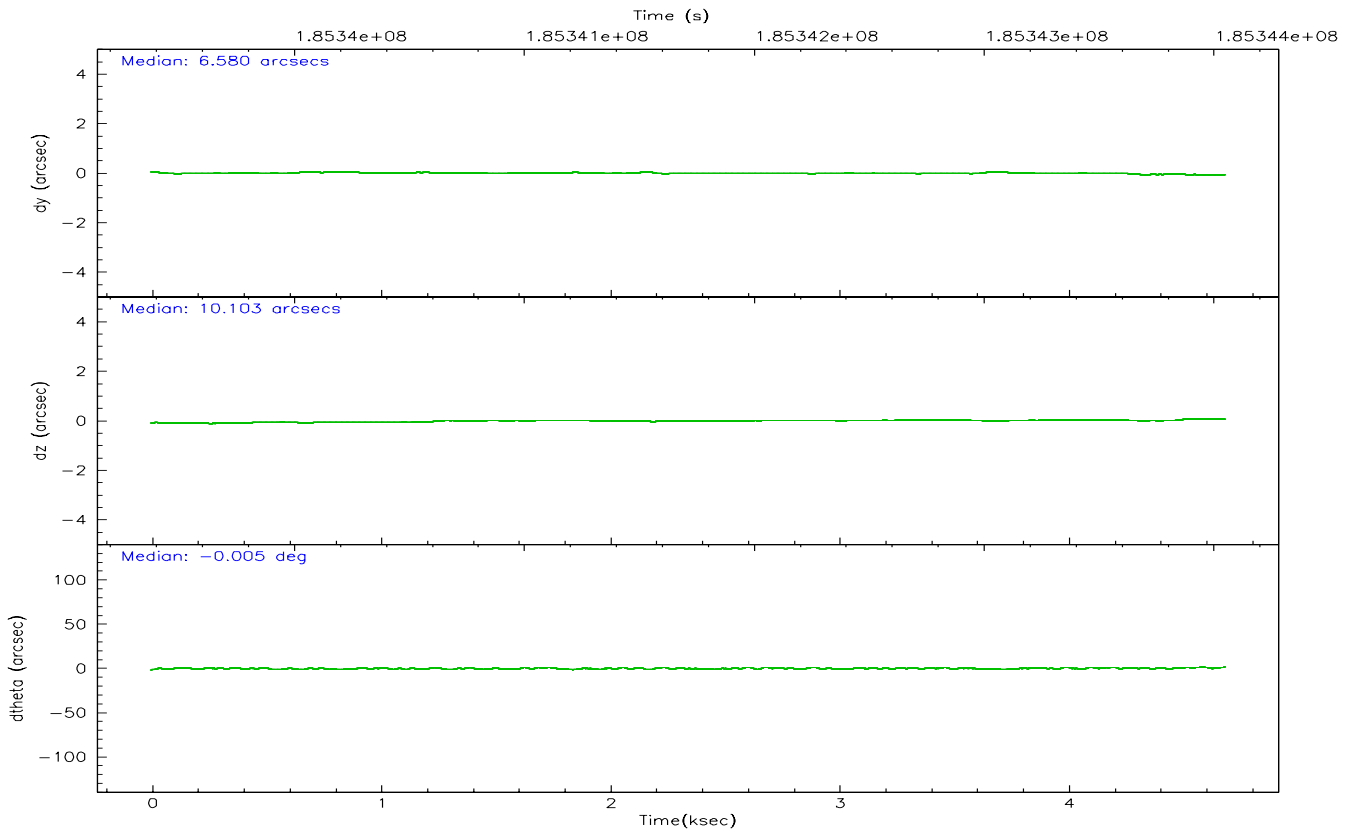
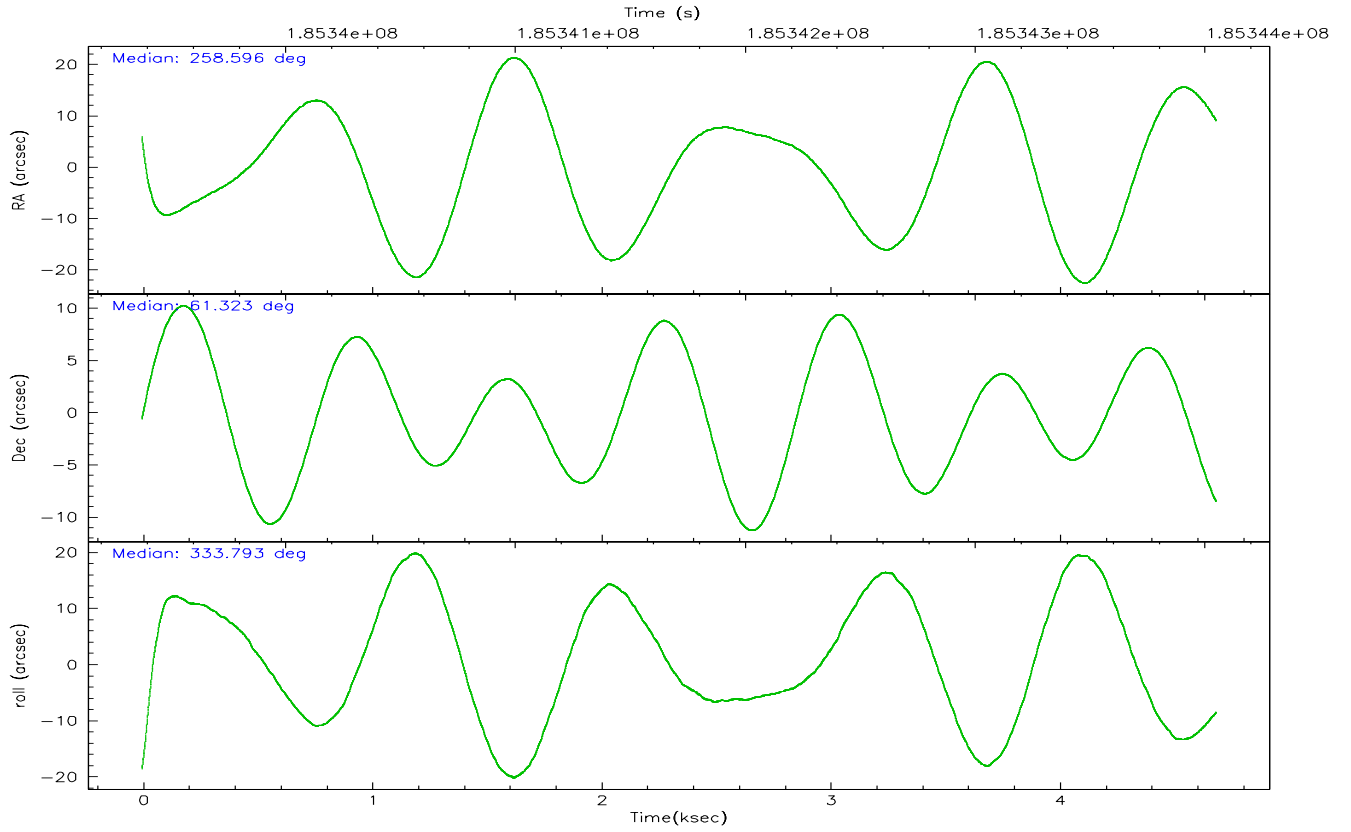
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4011	3865	5757	4431	2126	9945
	12%	11%	9%	13%	4%	19%
grade 1 events	34	17	111	25	30	61
	0%	0%	0%	0%	0%	0%
grade 2 events	1572	1887	10692	2145	6085	3544
	4%	5%	17%	6%	11%	6%
grade 3 events	392	378	928	420	1478	2941
	1%	1%	1%	1%	2%	5%
grade 4 events	473	448	975	433	1435	2653
	1%	1%	1%	1%	2%	5%
grade 5 events	1180	1365	2348	1374	2657	1860
	3%	4%	3%	4%	5%	3%
grade 6 events	1233	1243	16229	1300	15784	3401
	3%	3%	26%	3%	29%	6%
grade 7 events	24512	23326	24844	23725	23111	27671
	73%	71%	40%	70%	43%	53%

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	258.539695	258.5962708622323	Alternating exposures requested	N	N
Pointing Dec	61.321112	61.32342411532564	Primary exposure time	0.000000	3.2
Pointing Roll	333.689347	333.7962986555117			
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	185339507.184000	185338081.3134			
Observation start date	2003-11-16T03:10:43	2003-11-16T02:48:01			
Observation end time	185344057.184000	185344284.61367			
Observation end date	2003-11-16T04:26:33	2003-11-16T04:31:24			
Read mode	TIMED	TIMED			

2.3 Aspect



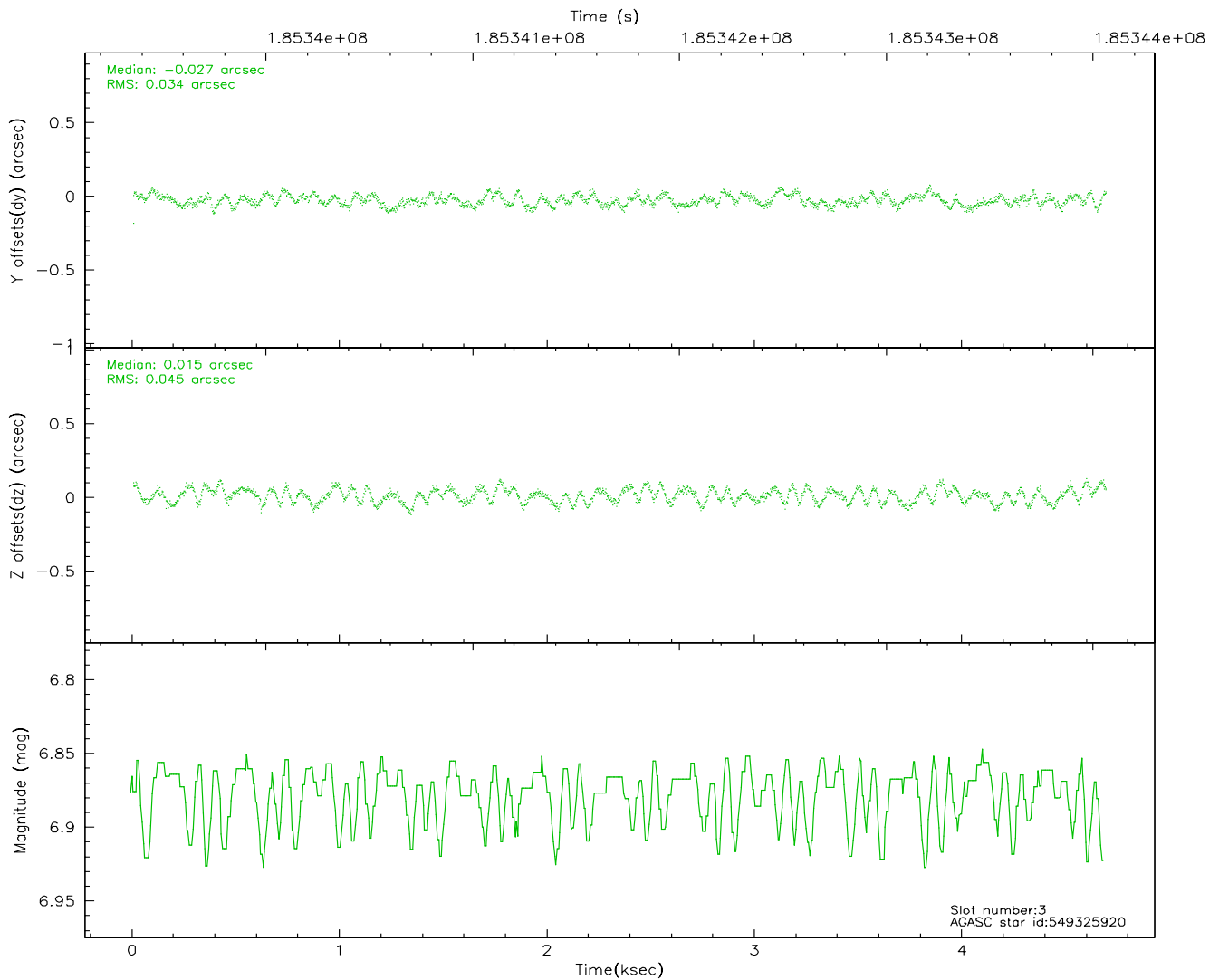
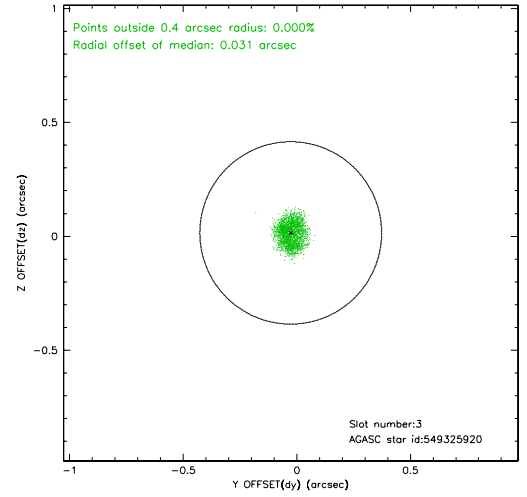
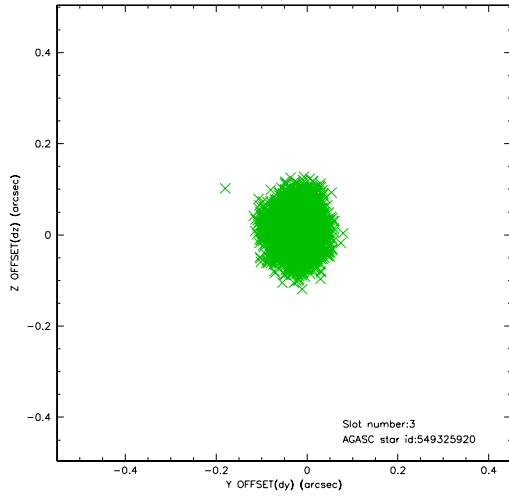


Slot Statistics

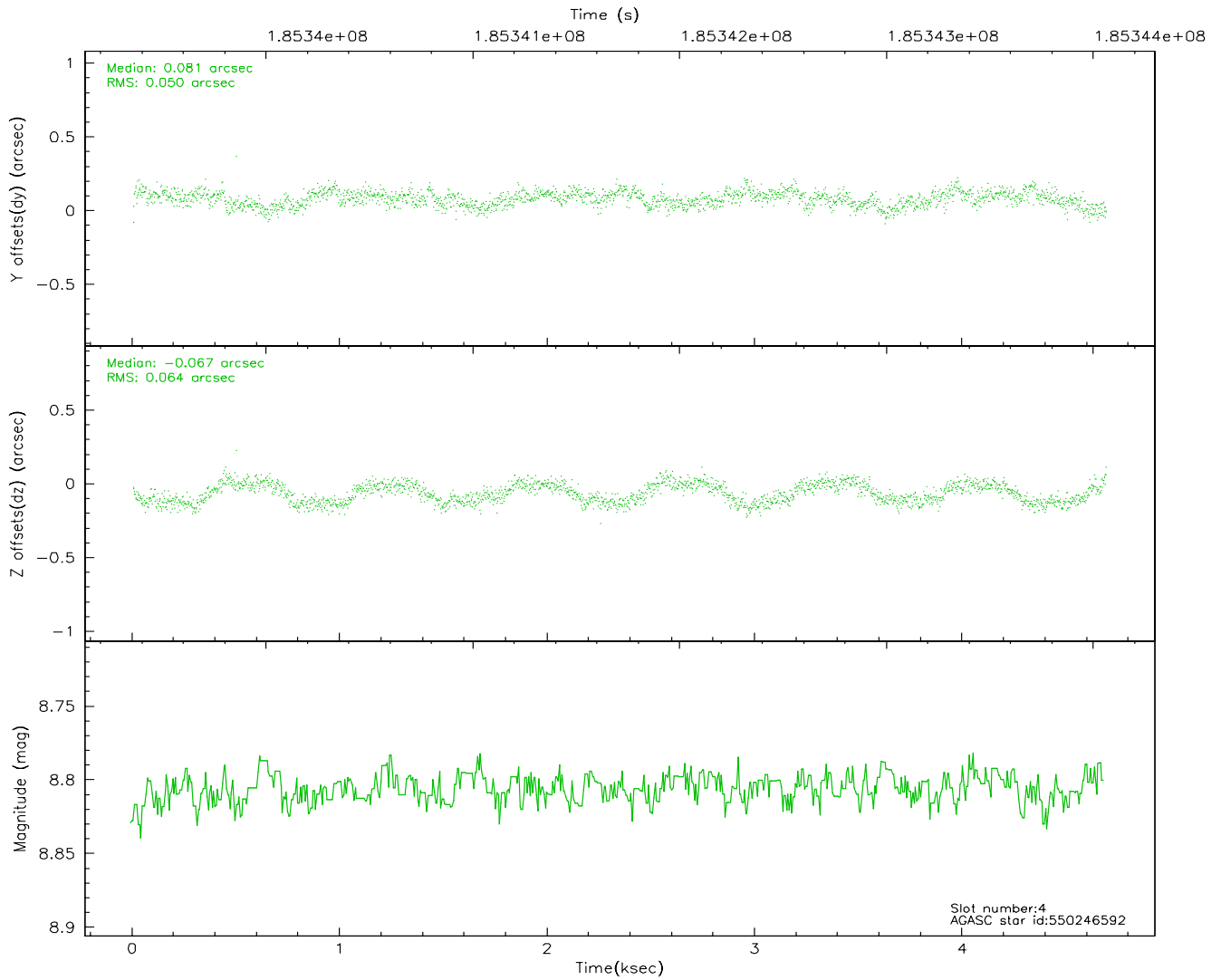
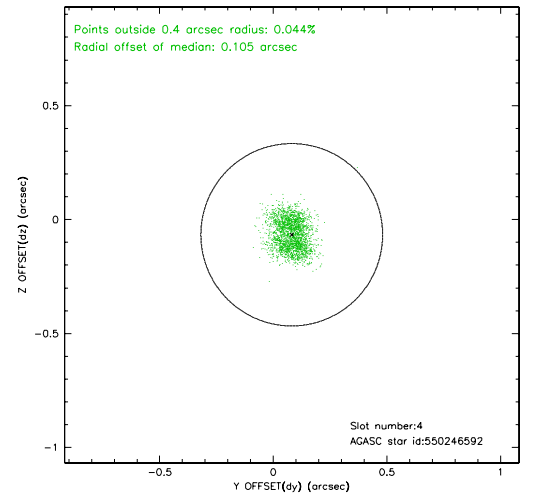
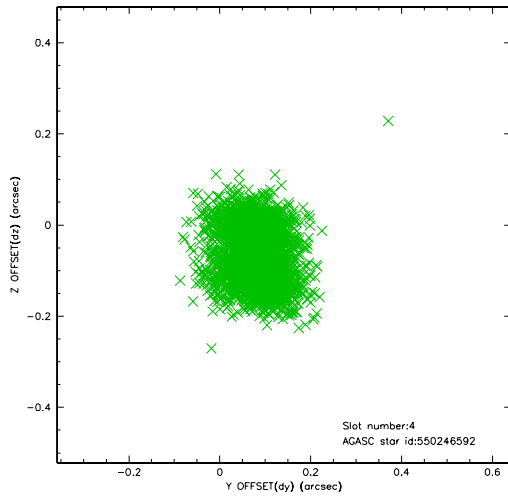
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.17	1144	0.020	-0.001	0.007	0.011	0.000000	0.000000	936.71	-1726.98
1	FID	ACIS-S-2	7.10	1144	-0.033	-0.002	0.006	0.010	0.000000	0.000000	-758.51	-1732.86
2	FID	ACIS-S-6	7.34	1144	-0.007	0.008	0.006	0.011	0.000000	0.000000	401.78	813.02
3	GUIDE	549325920	6.87	2287	-0.027	0.015	0.063	0.091	257.031396	61.159618	-2103.10	-1655.18
4	GUIDE	550246592	8.81	2288	0.081	-0.067	0.088	0.132	259.572185	61.134803	1898.98	205.81
5	GUIDE	549341112	7.40	2288	0.101	0.045	0.049	0.080	257.120048	61.364935	-2275.71	-920.52
6	GUIDE	550249320	8.39	2288	-0.096	0.160	0.066	0.111	259.166381	60.646604	2064.77	-1682.22
7	GUIDE	550243920	9.64	2284	-0.055	-0.150	0.122	0.189	259.481082	61.827180	622.79	2351.51

2.4 Star Slots

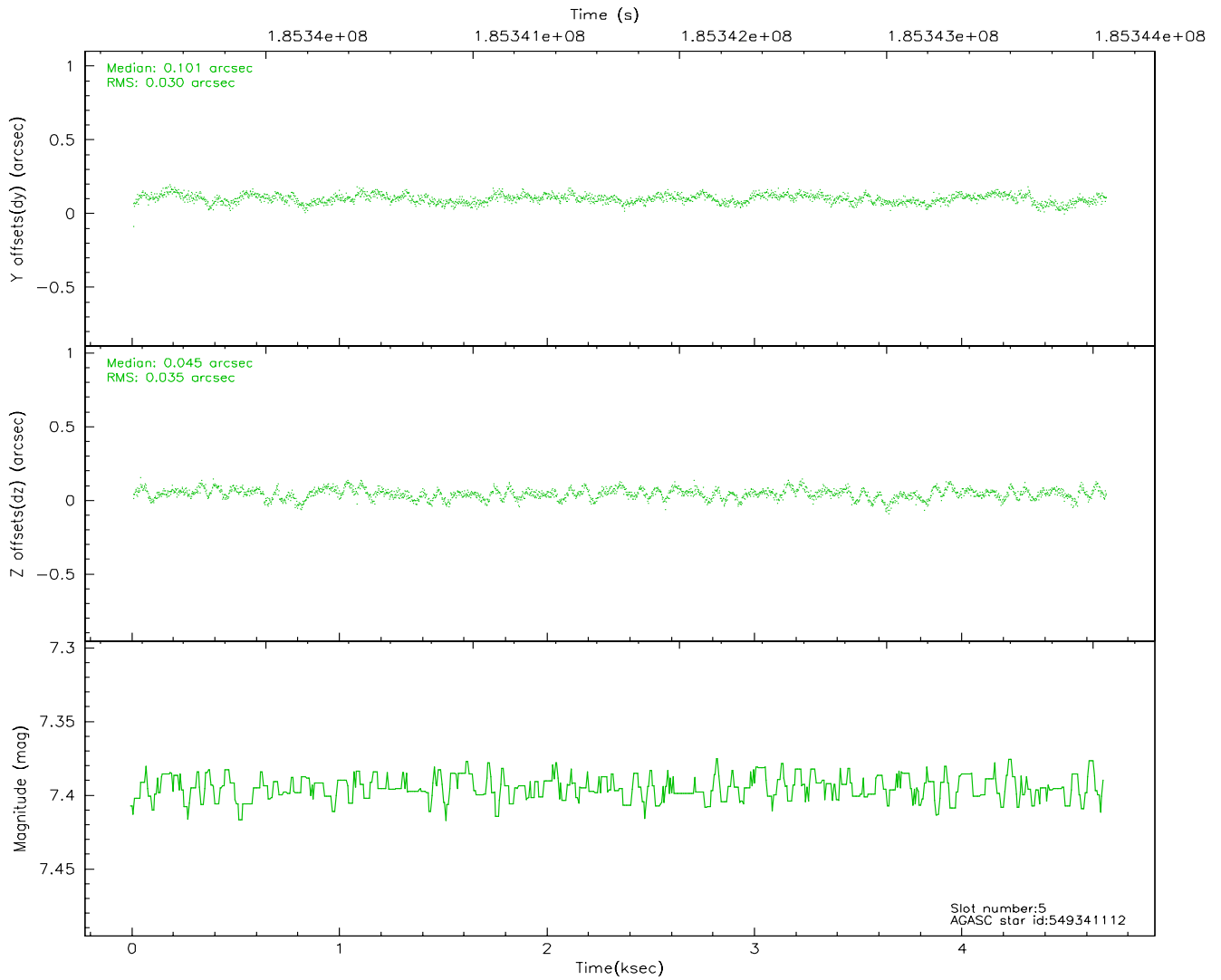
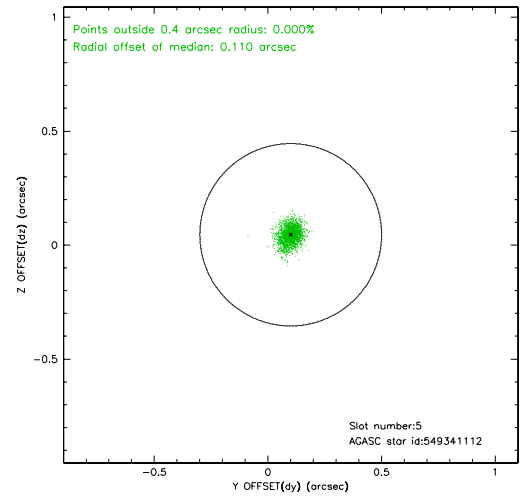
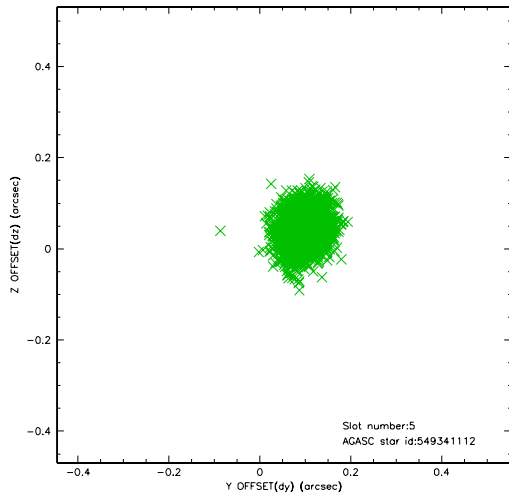
2.4.1 Slot 3



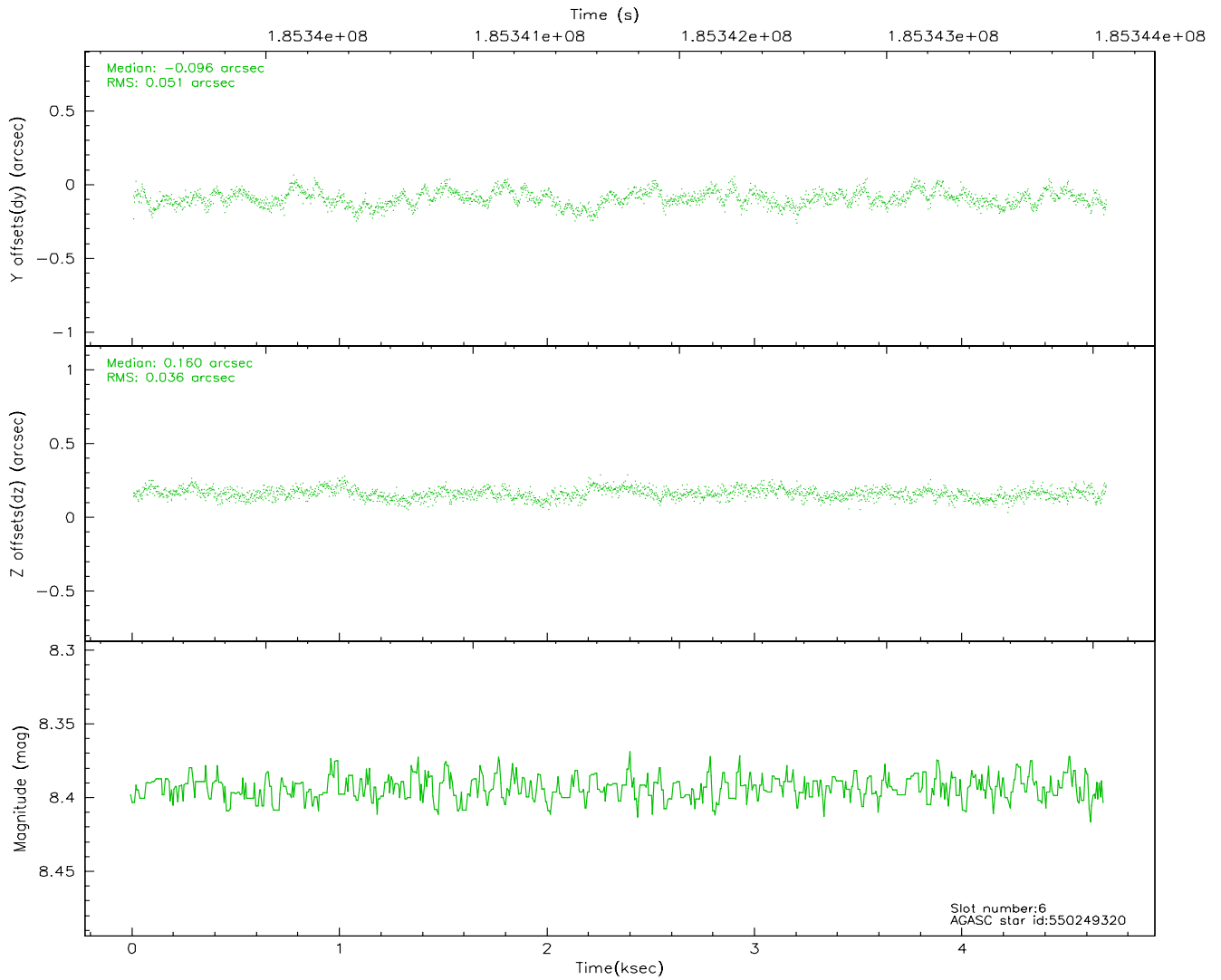
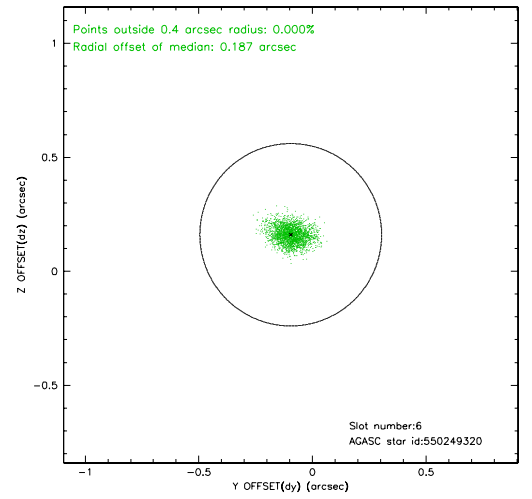
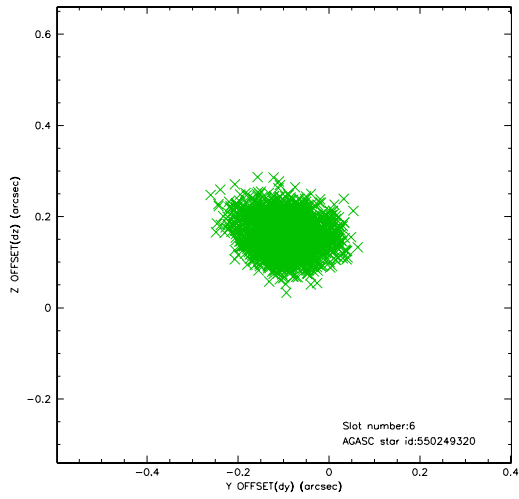
2.4.2 Slot 4



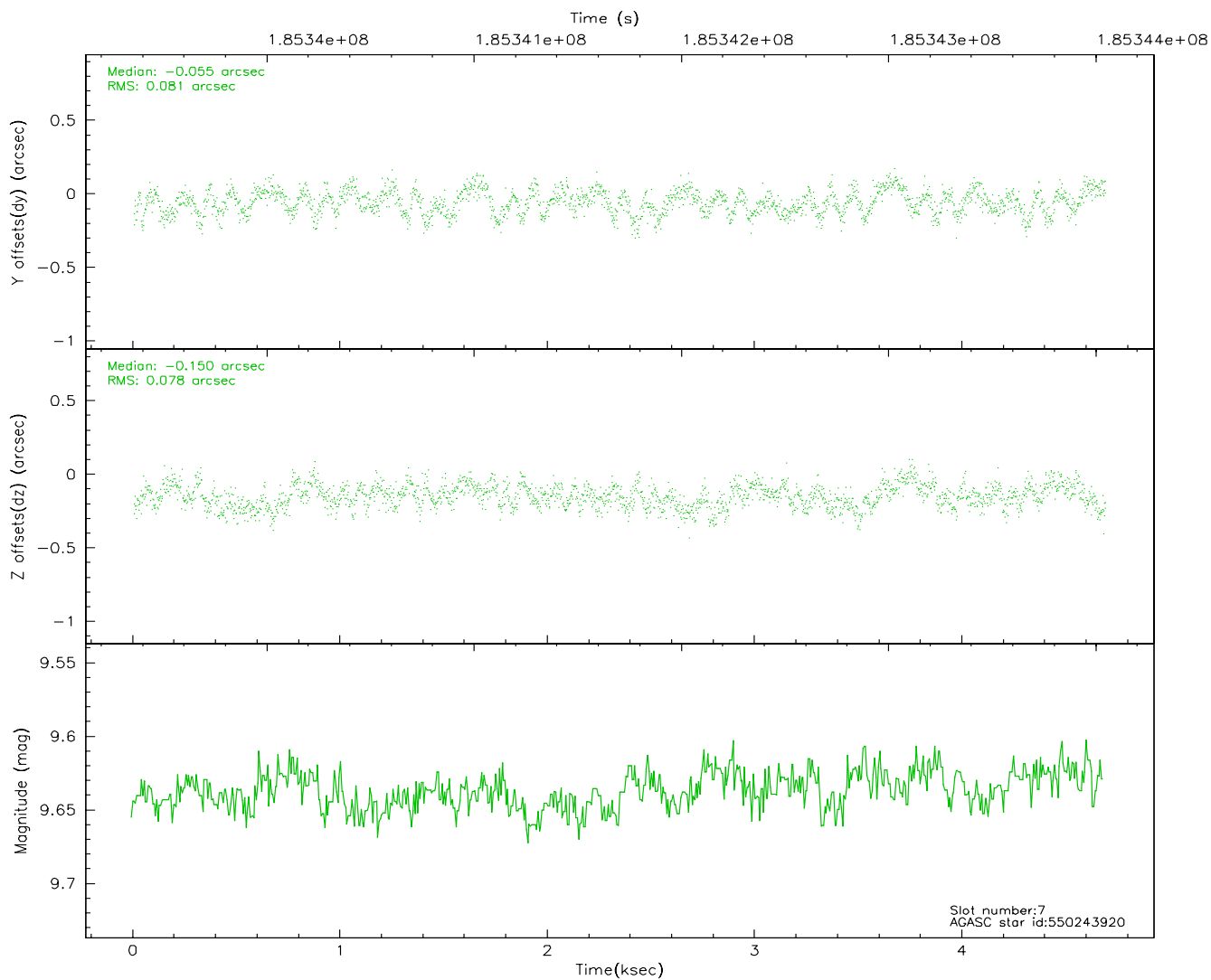
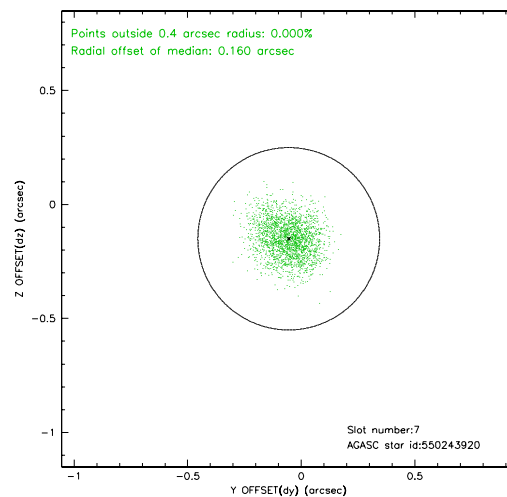
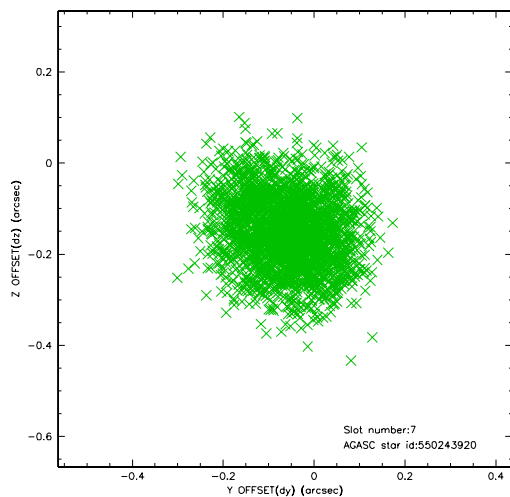
2.4.3 Slot 5



2.4.4 Slot 6

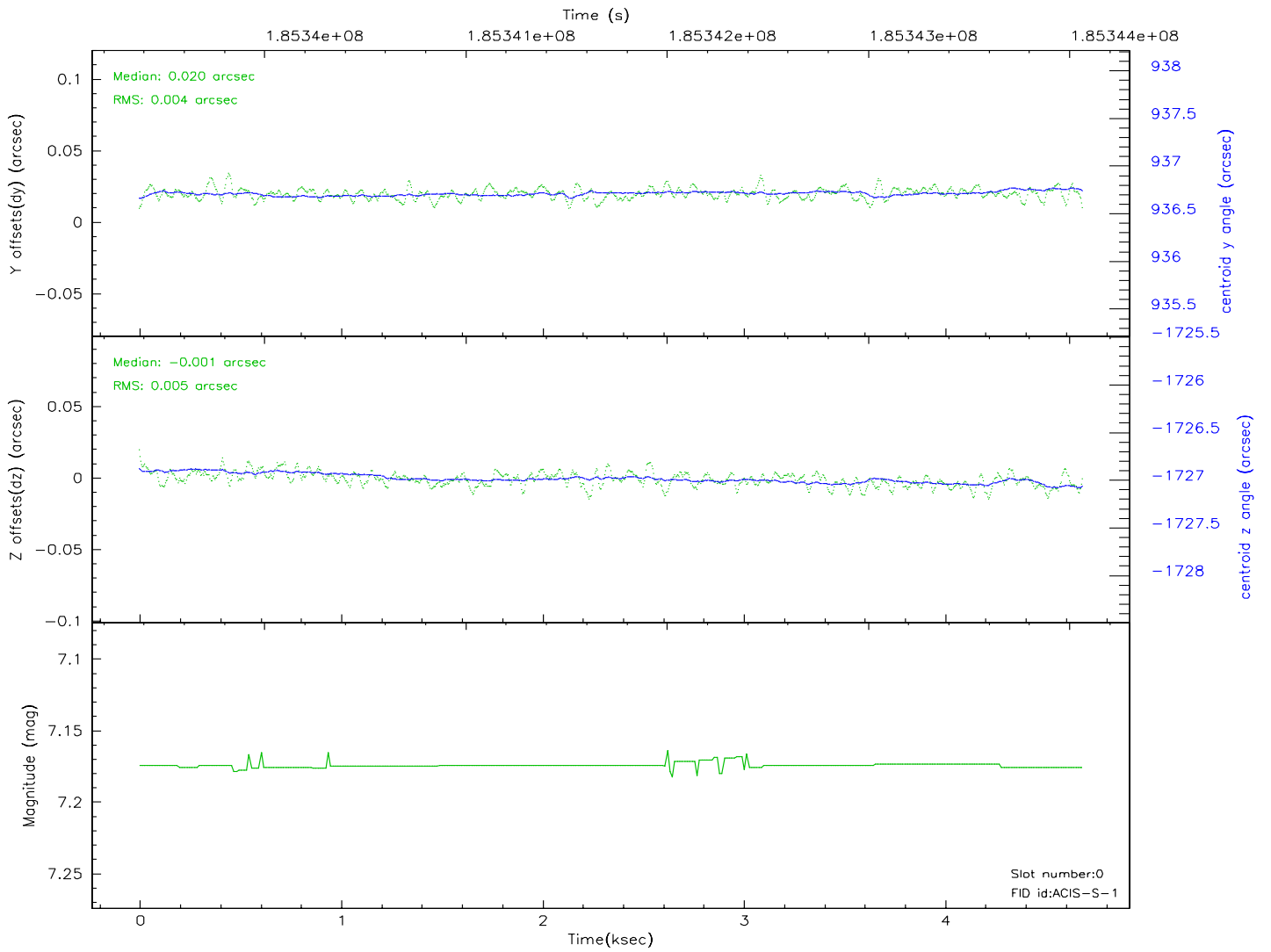
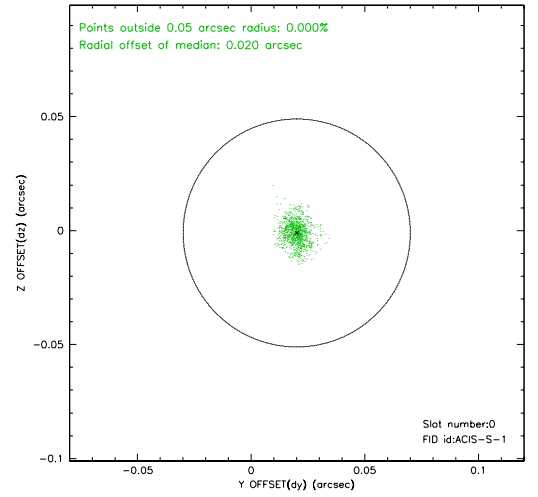
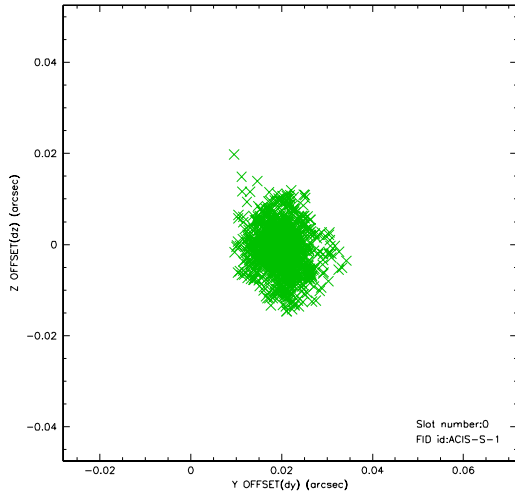


2.4.5 Slot 7

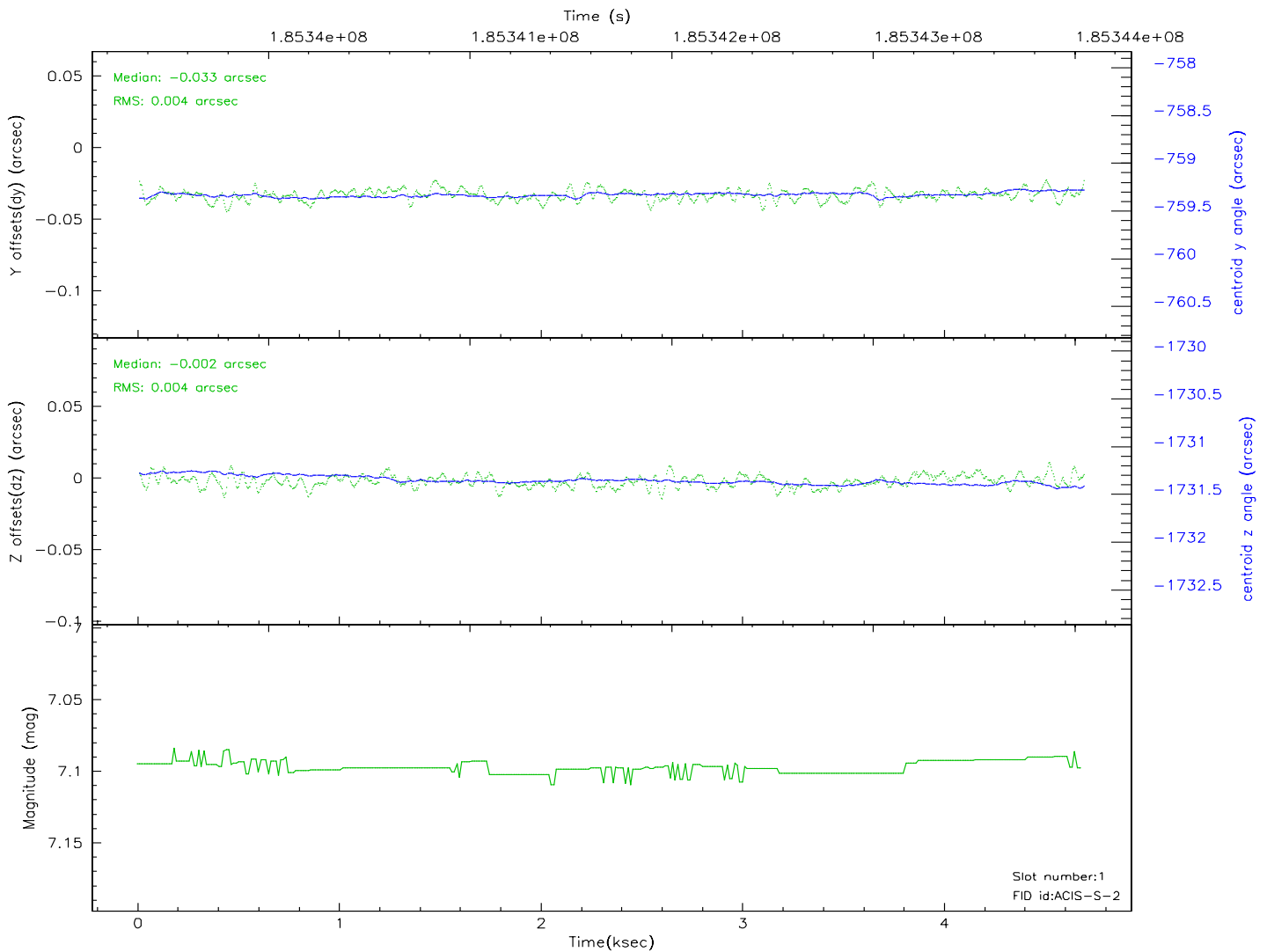
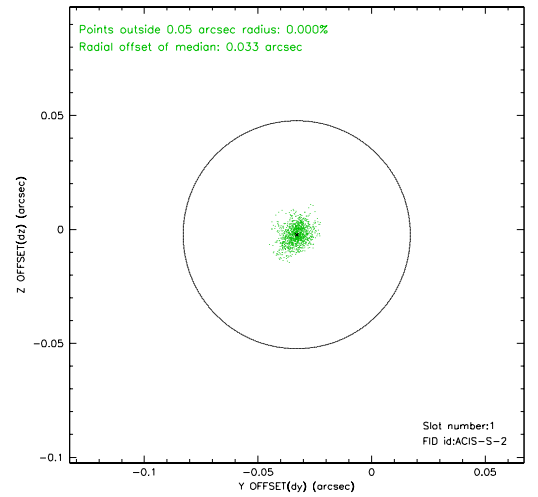
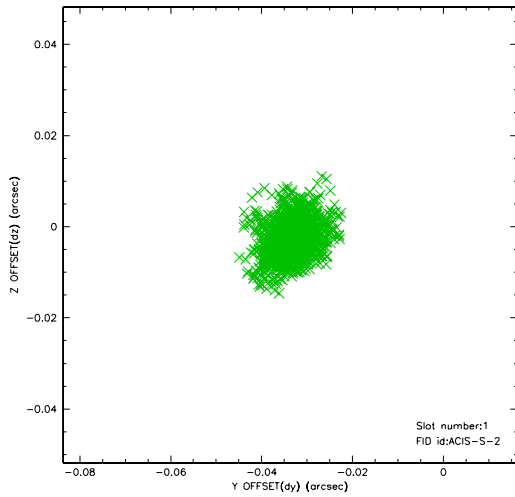


2.5 FID Slots

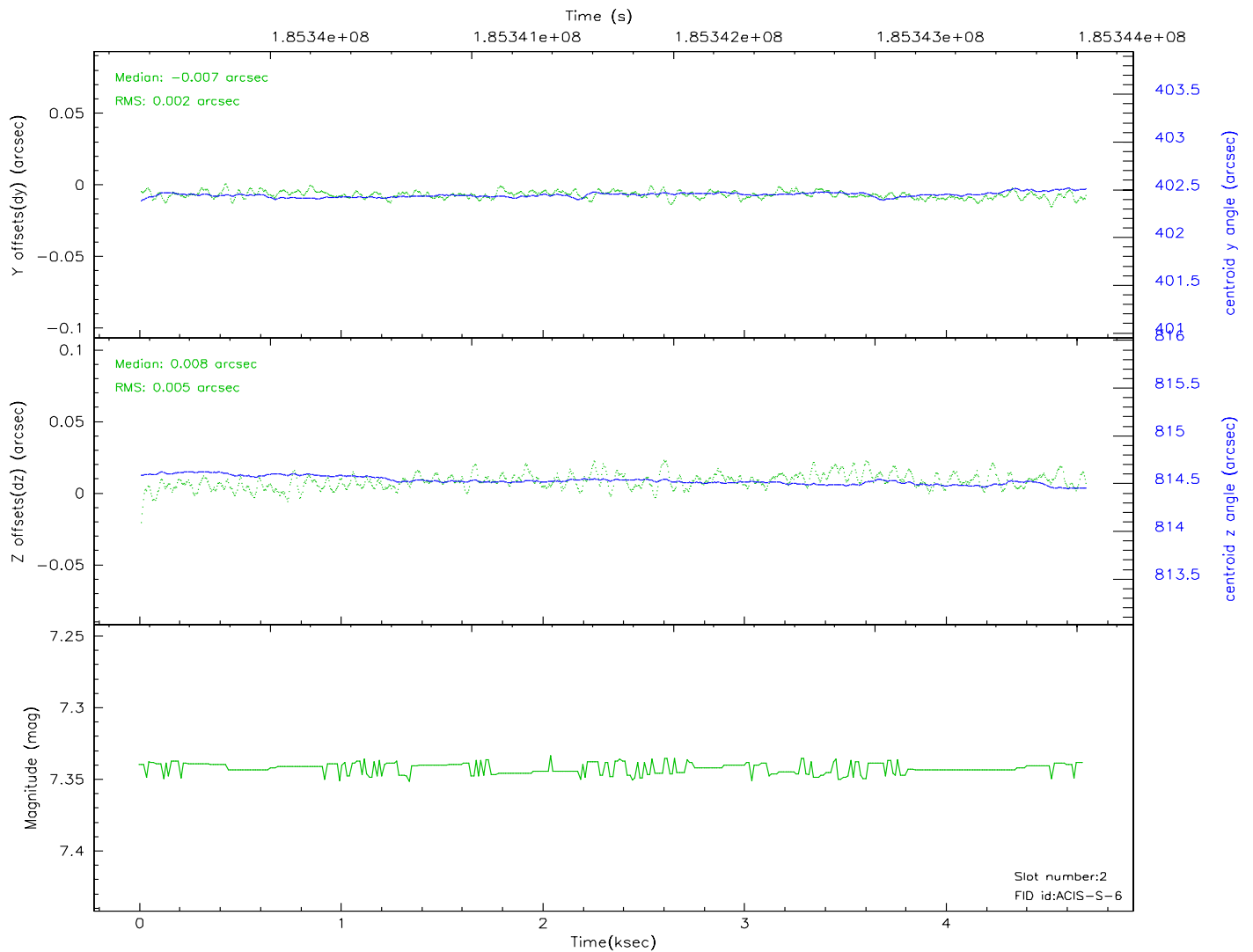
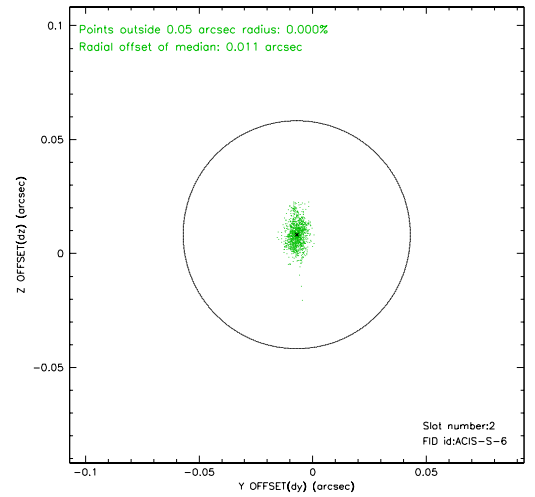
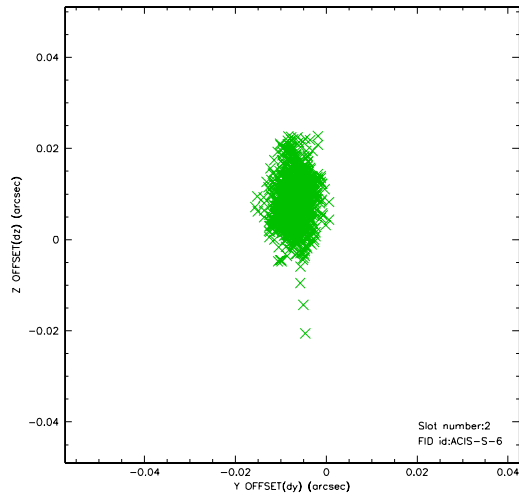
2.5.1 Slot 0



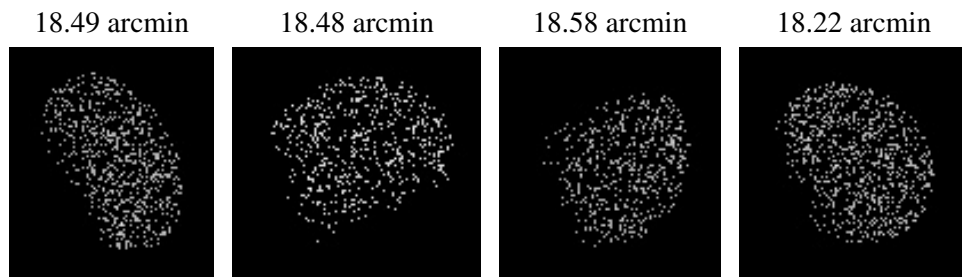
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.681

A.2 Comments