

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4094 - L2 Version 001
Chandra X-Ray Center

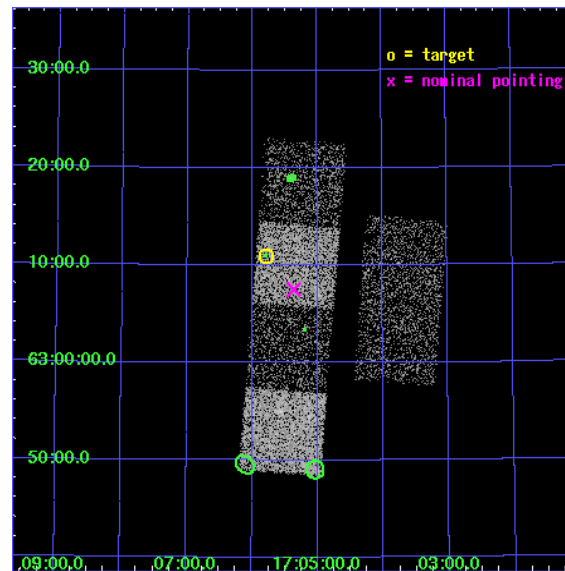
L2 Processing Date : Jul 5 2006

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1 Front

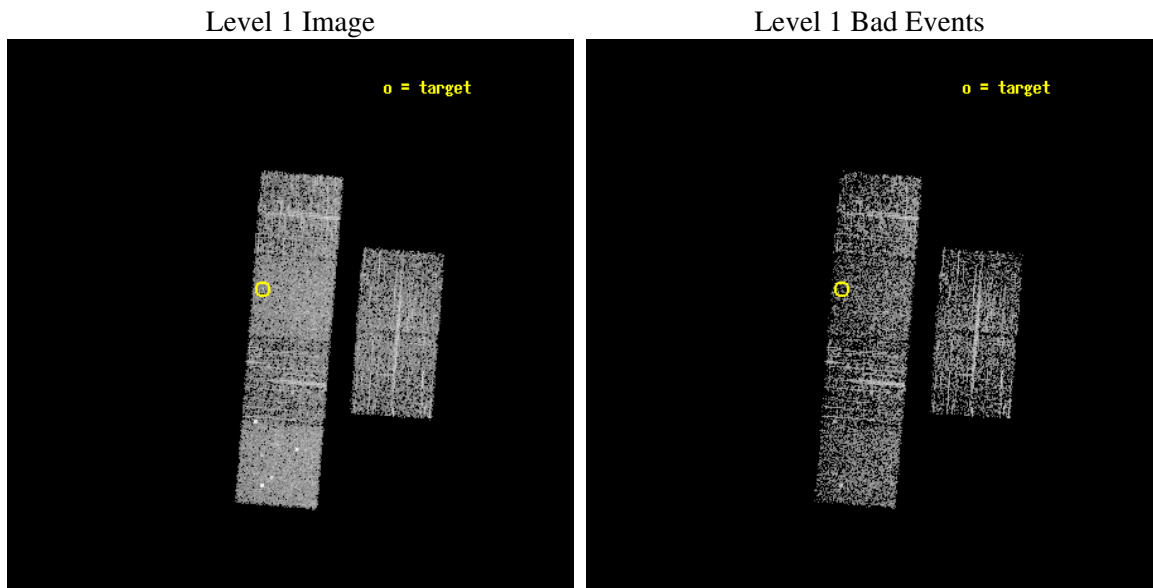
seq_num	700773
obs_id	4094
title	ARE ALL NARROW-LINE SEYFERT 1S ULTRASOFT X-RAY SOURCES?
observer	Prof RICHARD POGGE
object	SDSS J170546.91+631059.1
dtcycle	0
cycle	P
ra_targ	256.445417
dec_targ	63.183083
ra_nom	256.34016147075
dec_nom	63.125345762662
roll_nom	274.5707855577
revision	2
ontime	1961.5999926925
livetime	1936.7610324513
ontime2	1961.5999926925
ontime3	1961.5999926925
ontime5	1961.5999926925
ontime6	1961.5999926925
ontime7	1961.5999926925
ontime8	1961.5999926925
l2events	19266



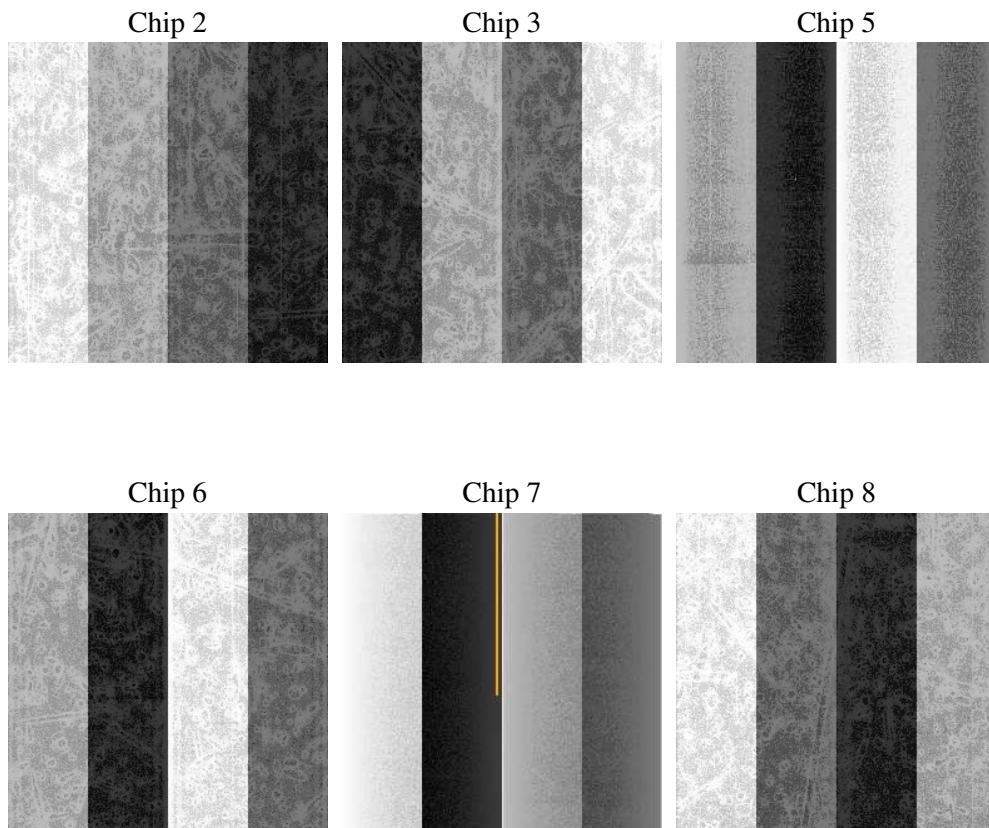
2 OBI

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	2006-07-05T07:47:22
revision	2

sched_exp_time	2000.356000
ontime	1964.0460043848
ontime2	1964.0460043848
ontime3	1967.2870244682
ontime5	1964.0460043848
ontime6	1964.0460043848
ontime7	1964.0460043848
ontime8	1967.2870244682
l1events	89985

2.1.4 Events

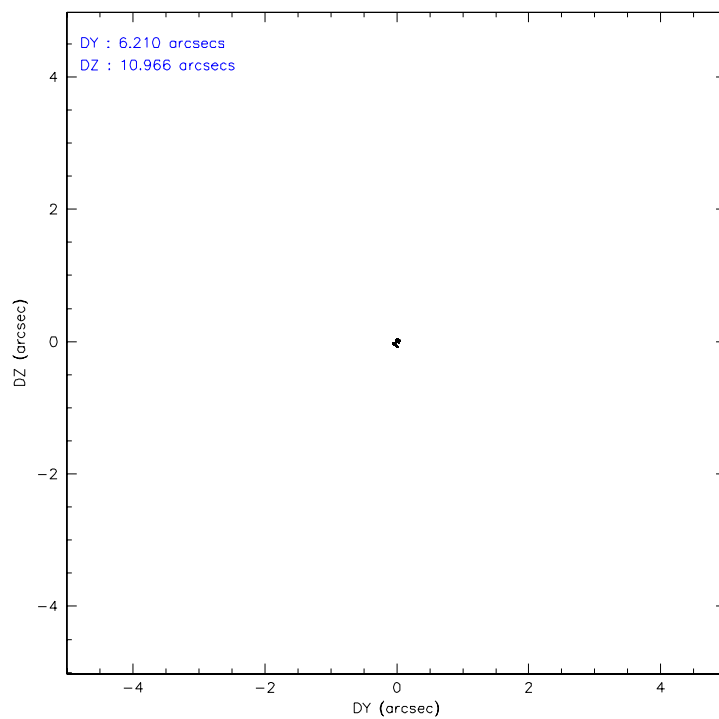
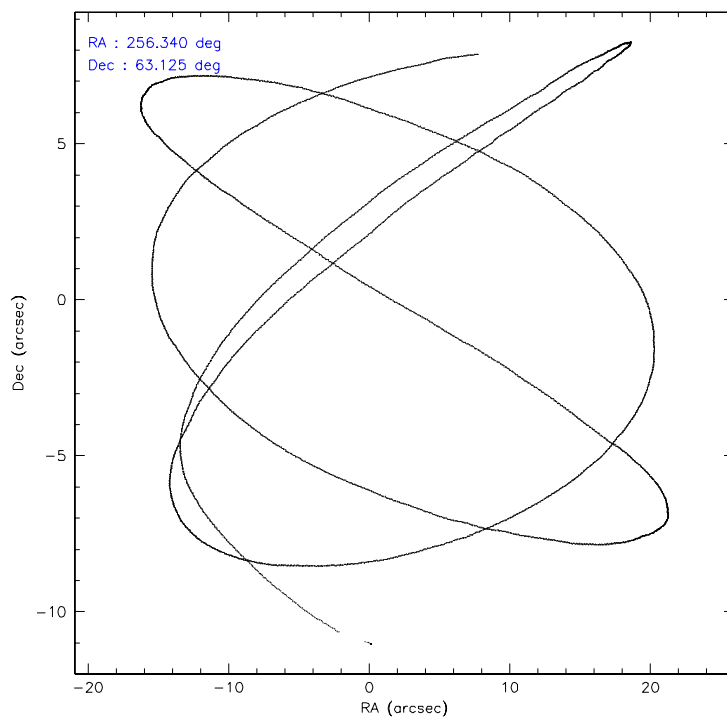
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	13030	12797	18973	12964	16451	15770
rejected events	11465	11249	10309	11455	10124	12497
rejected %	87%	87%	54%	88%	61%	79%

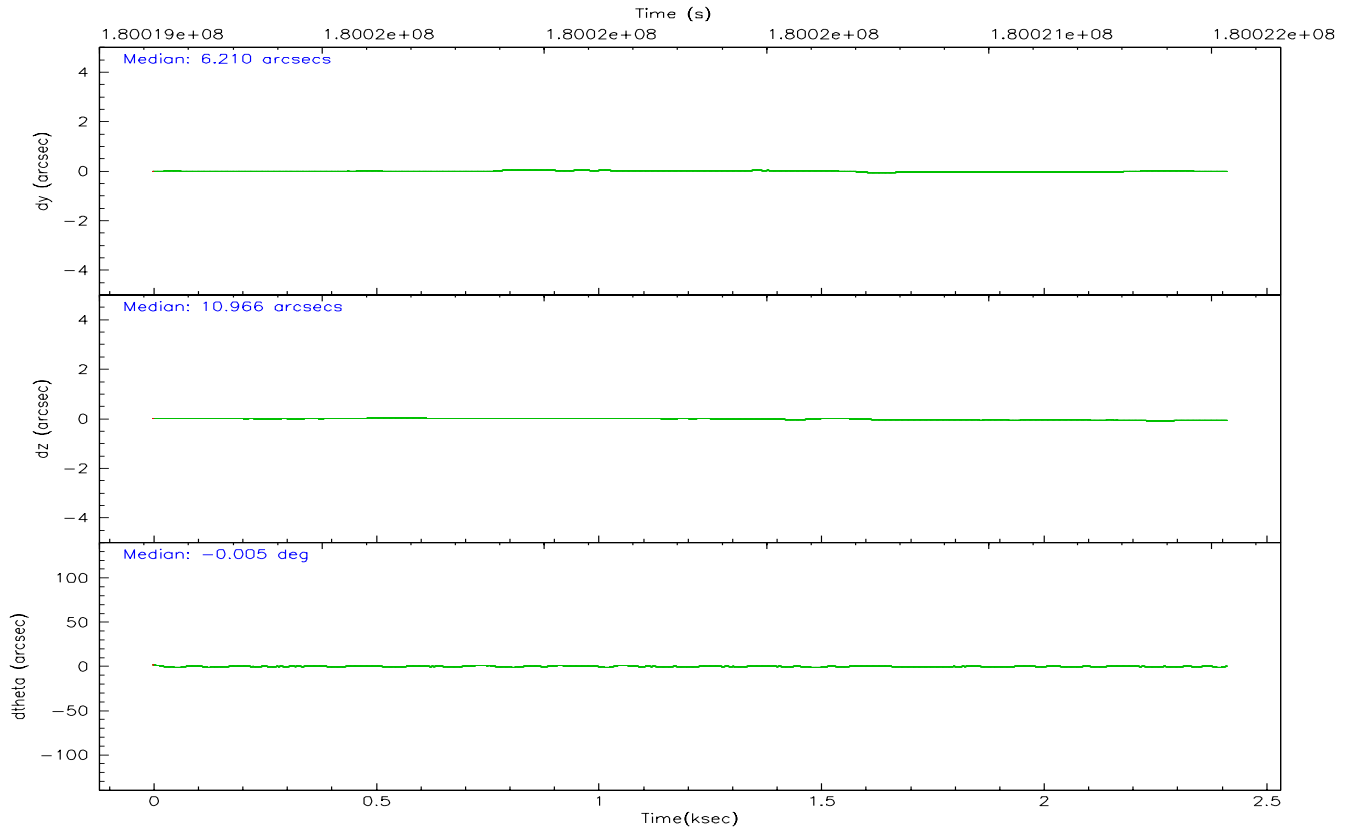
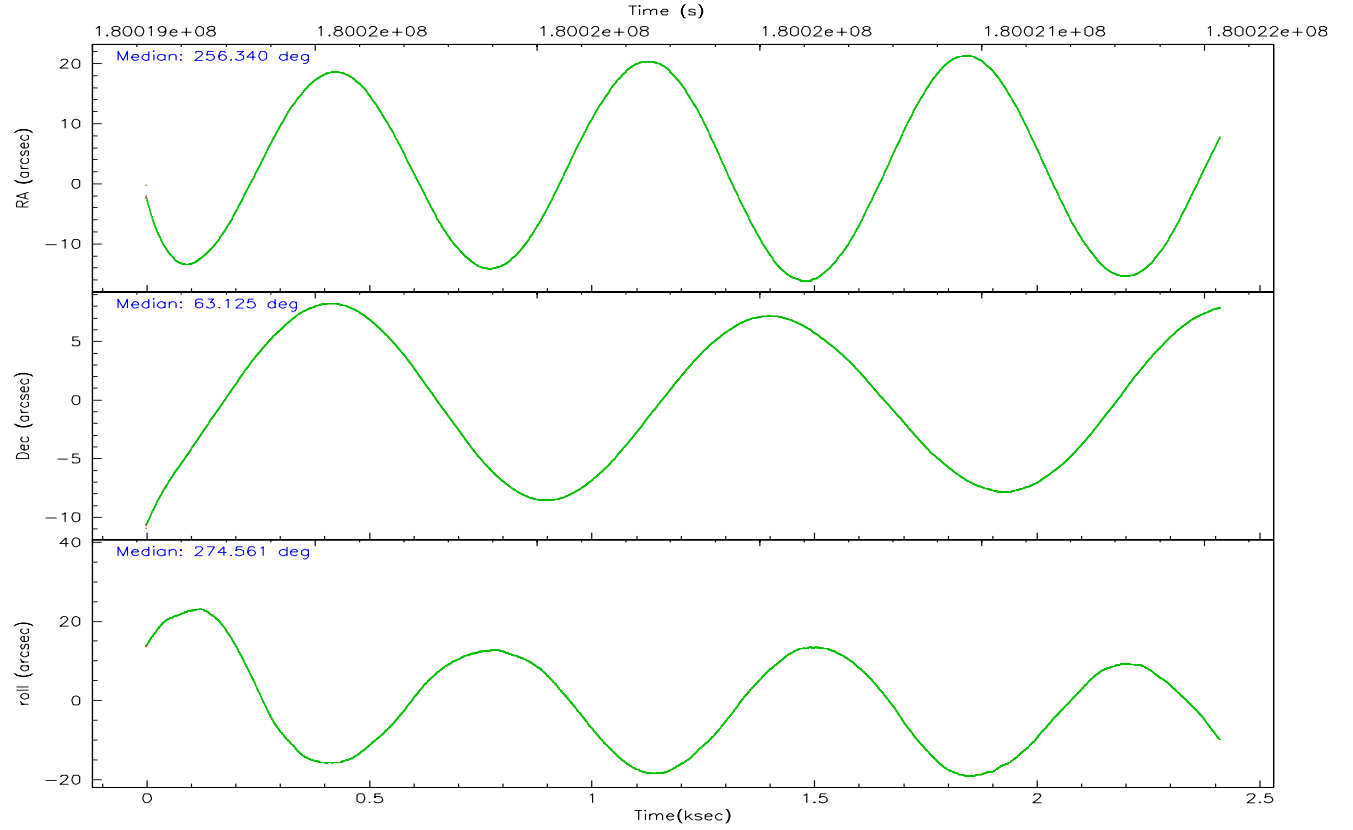
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	675	714	978	605	387	1033
	5%	5%	5%	4%	2%	6%
grade 1 events	5	5	58	7	12	6
	0%	0%	0%	0%	0%	0%
grade 2 events	333	295	2714	317	1549	746
	2%	2%	14%	2%	9%	4%
grade 3 events	156	134	199	160	331	321
	1%	1%	1%	1%	2%	2%
grade 4 events	157	143	157	135	324	287
	1%	1%	0%	1%	1%	1%
grade 5 events	455	487	962	583	1080	770
	3%	3%	5%	4%	6%	4%
grade 6 events	244	268	4637	294	3747	892
	1%	2%	24%	2%	22%	5%
grade 7 events	11005	10751	9268	10863	9021	11715
	84%	84%	48%	83%	54%	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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	256.305571	256.3401614707541	Alternating exposures requested	N	N
Pointing Dec	63.147501	63.12534576266151	Primary exposure time	0.000000	3.2
Pointing Roll	274.445006	274.5707855577022			
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	180019531.184000	180018458.18435			
Observation start date	2003-09-15T13:24:27	2003-09-15T13:07:38			
Observation end time	180021531.184000	180021845.29699			
Observation end date	2003-09-15T13:57:47	2003-09-15T14:04:05			
Read mode	TIMED	TIMED			

2.3 Aspect



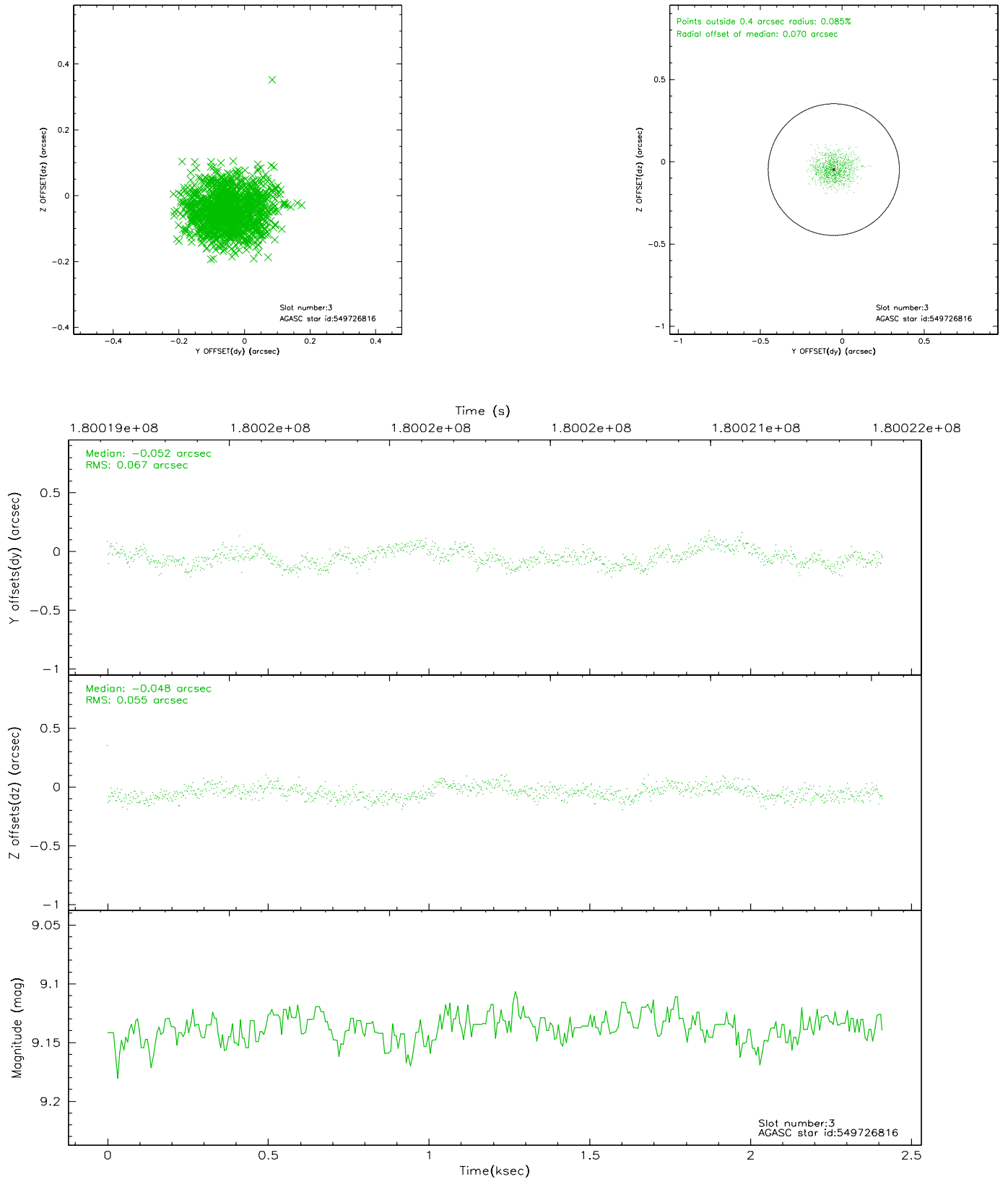


Slot Statistics

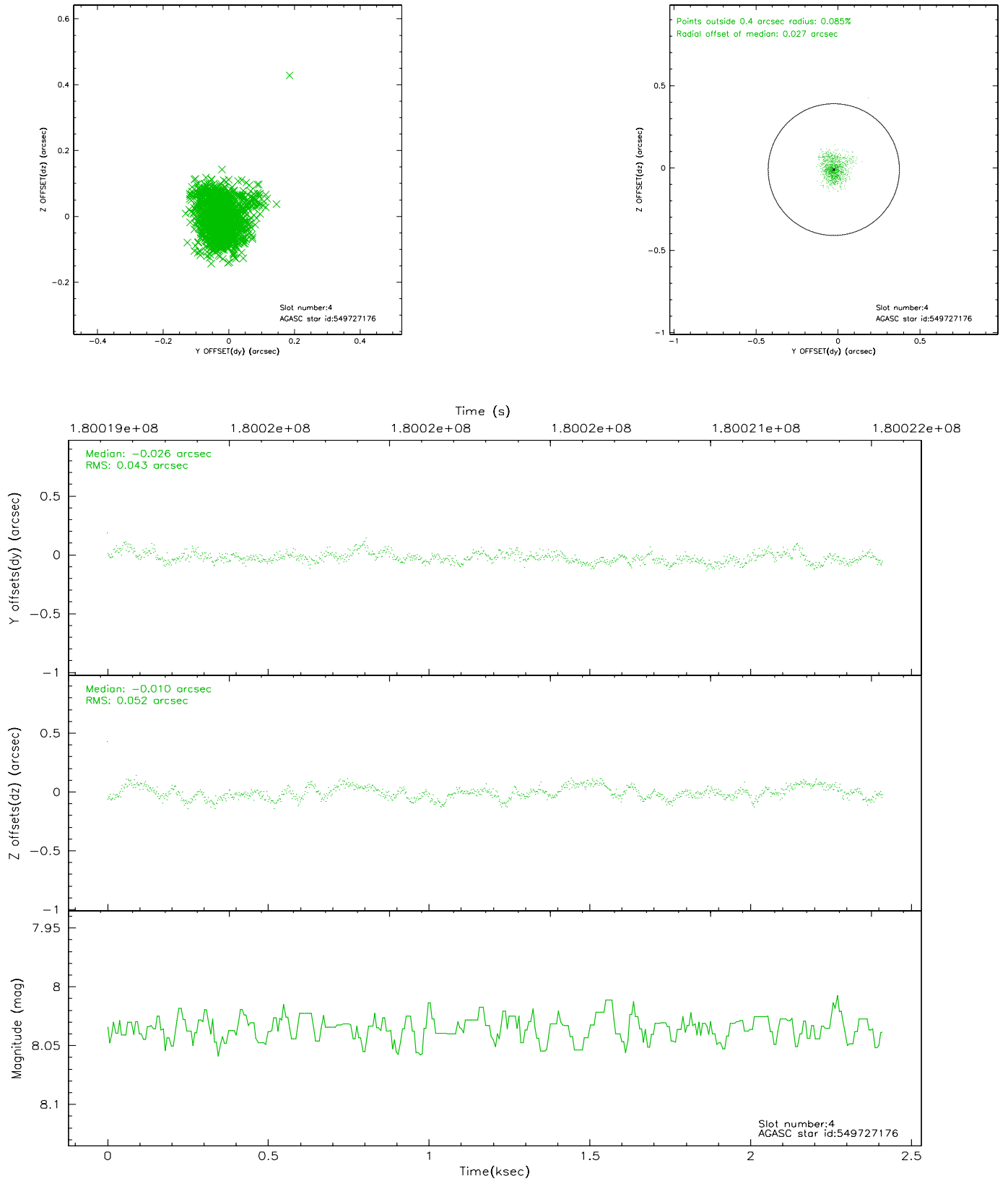
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	589	-0.042	0.018	0.006	0.011	0.000000	0.000000	-758.96	-1732.22
1	FID	ACIS-S-4	7.20	589	0.014	0.015	0.005	0.009	0.000000	0.000000	2153.13	173.52
2	FID	ACIS-S-5	7.23	589	-0.003	-0.025	0.006	0.009	0.000000	0.000000	-1808.33	170.16
3	GUIDE	549726816	9.14	1178	-0.052	-0.048	0.095	0.148	257.095274	63.113685	213.07	1273.40
4	GUIDE	549727176	8.04	1178	-0.026	-0.010	0.073	0.117	256.892095	63.439389	-978.33	1024.69
5	GUIDE	549729368	9.83	1177	0.058	0.057	0.098	0.164	256.006296	62.944101	690.72	-543.49
6	GUIDE	550772496	9.79	1177	0.032	-0.046	0.101	0.159	257.405708	63.284449	-367.99	1814.58
7	GUIDE	549728344	9.91	1177	-0.016	0.035	0.121	0.195	254.706463	63.610084	-1889.94	-2417.36

2.4 Star Slots

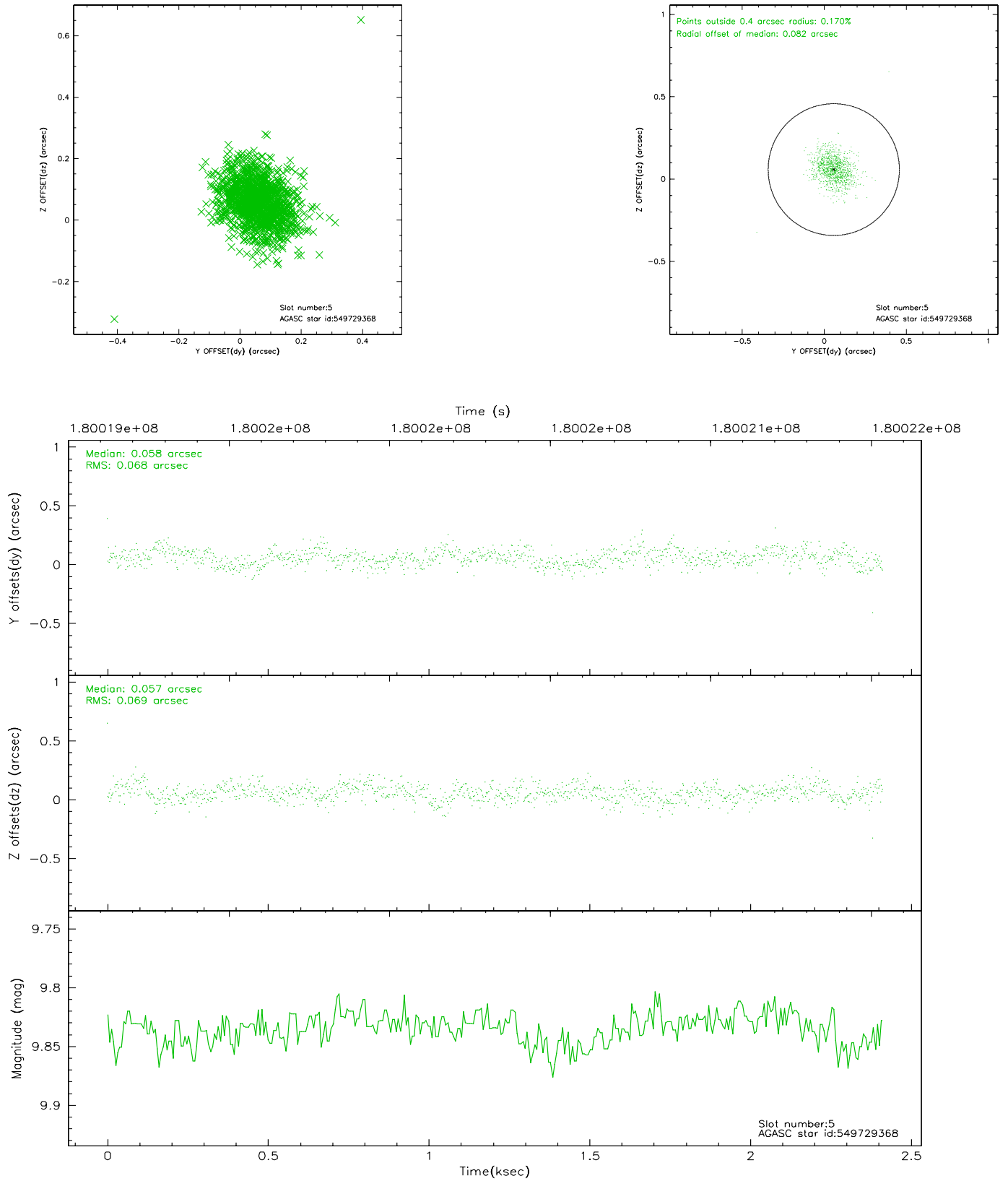
2.4.1 Slot 3



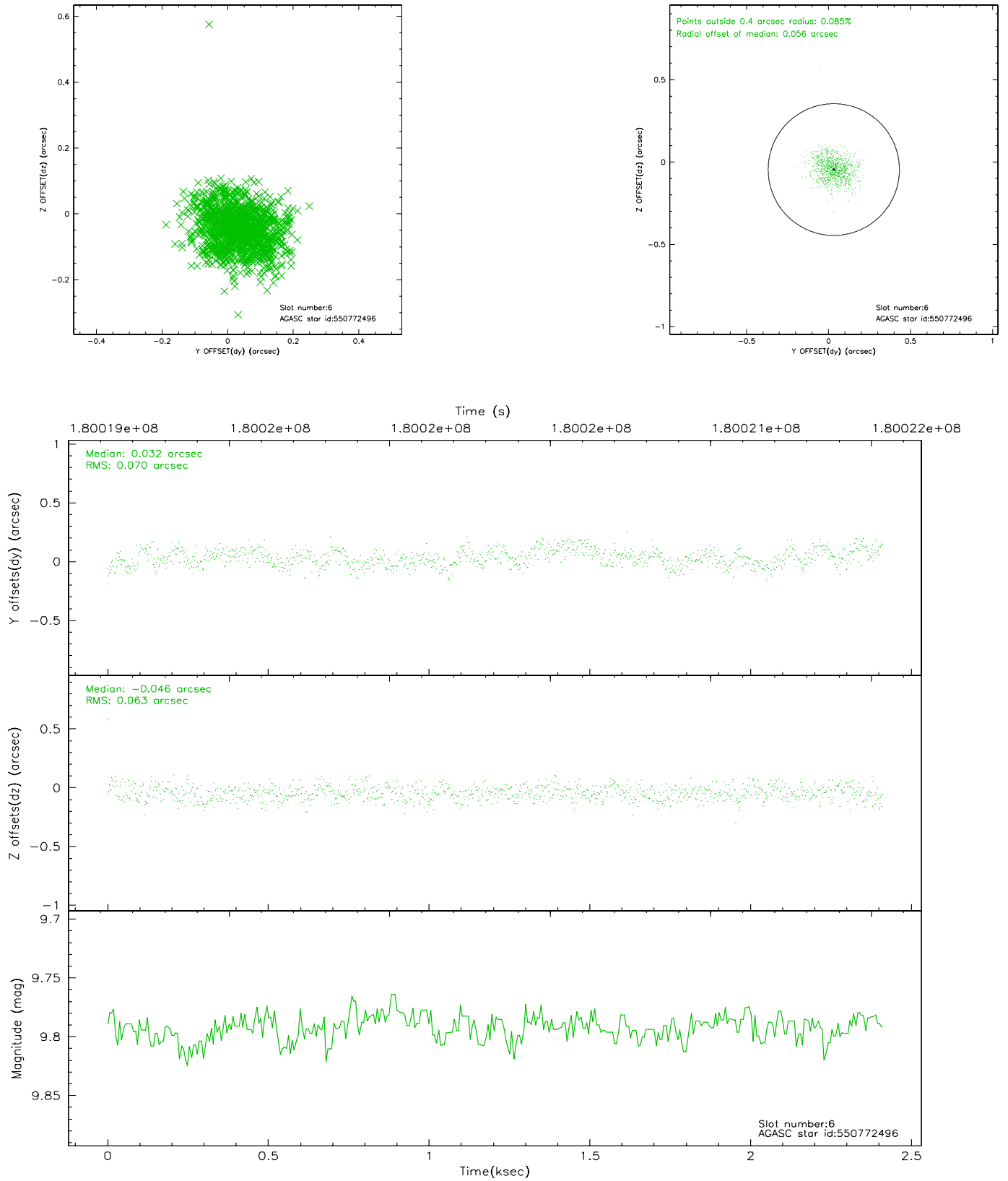
2.4.2 Slot 4



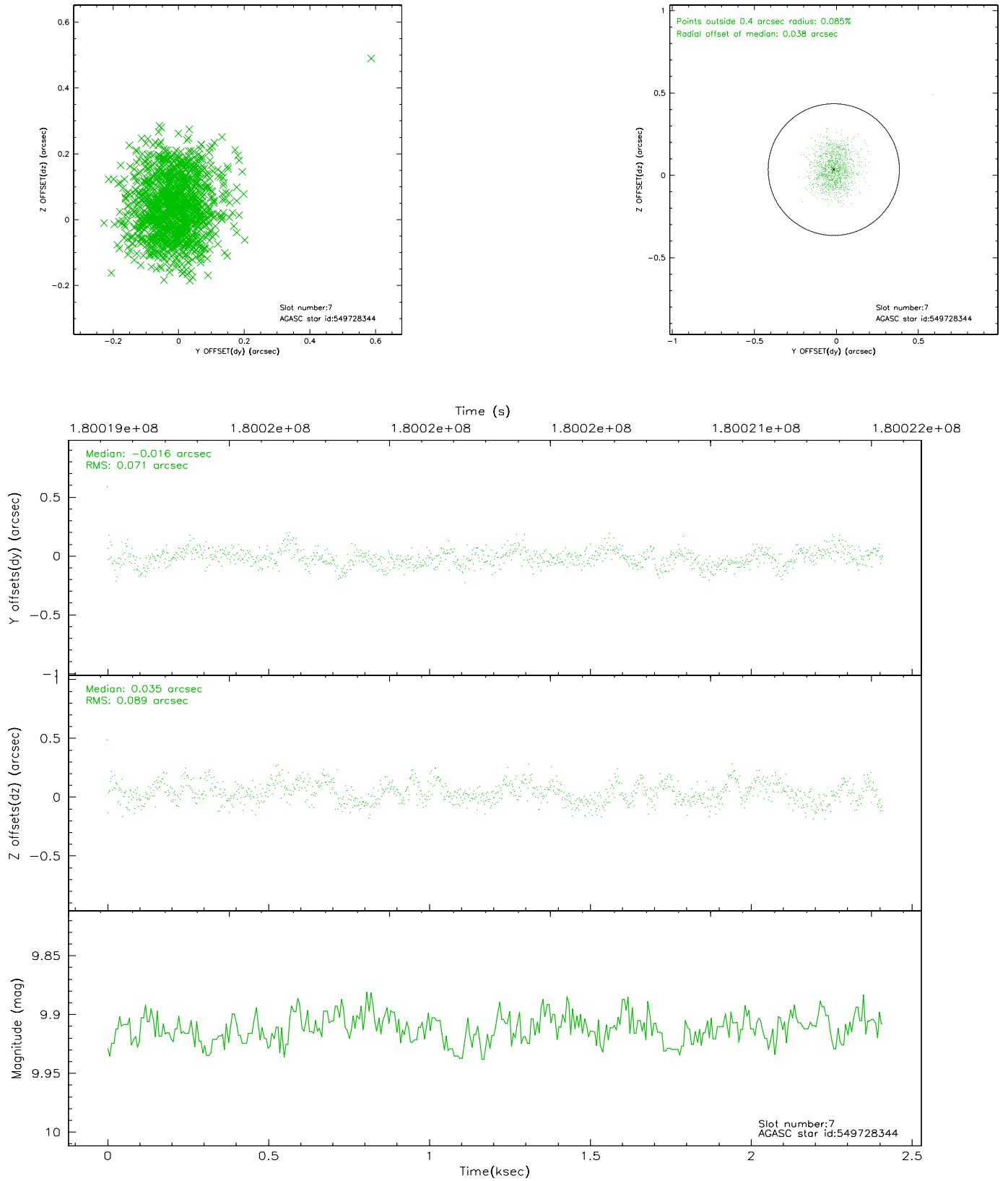
2.4.3 Slot 5



2.4.4 Slot 6

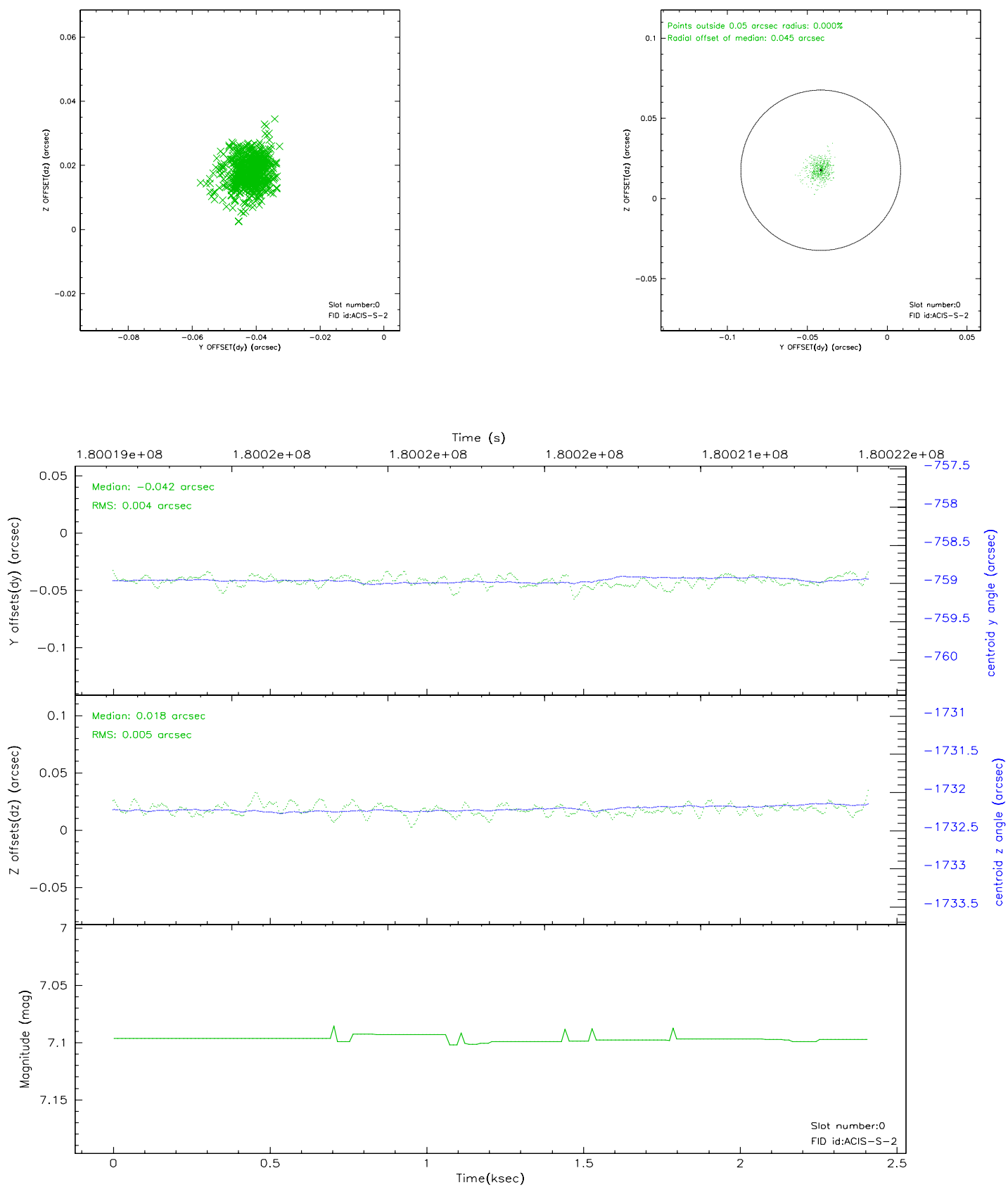


2.4.5 Slot 7

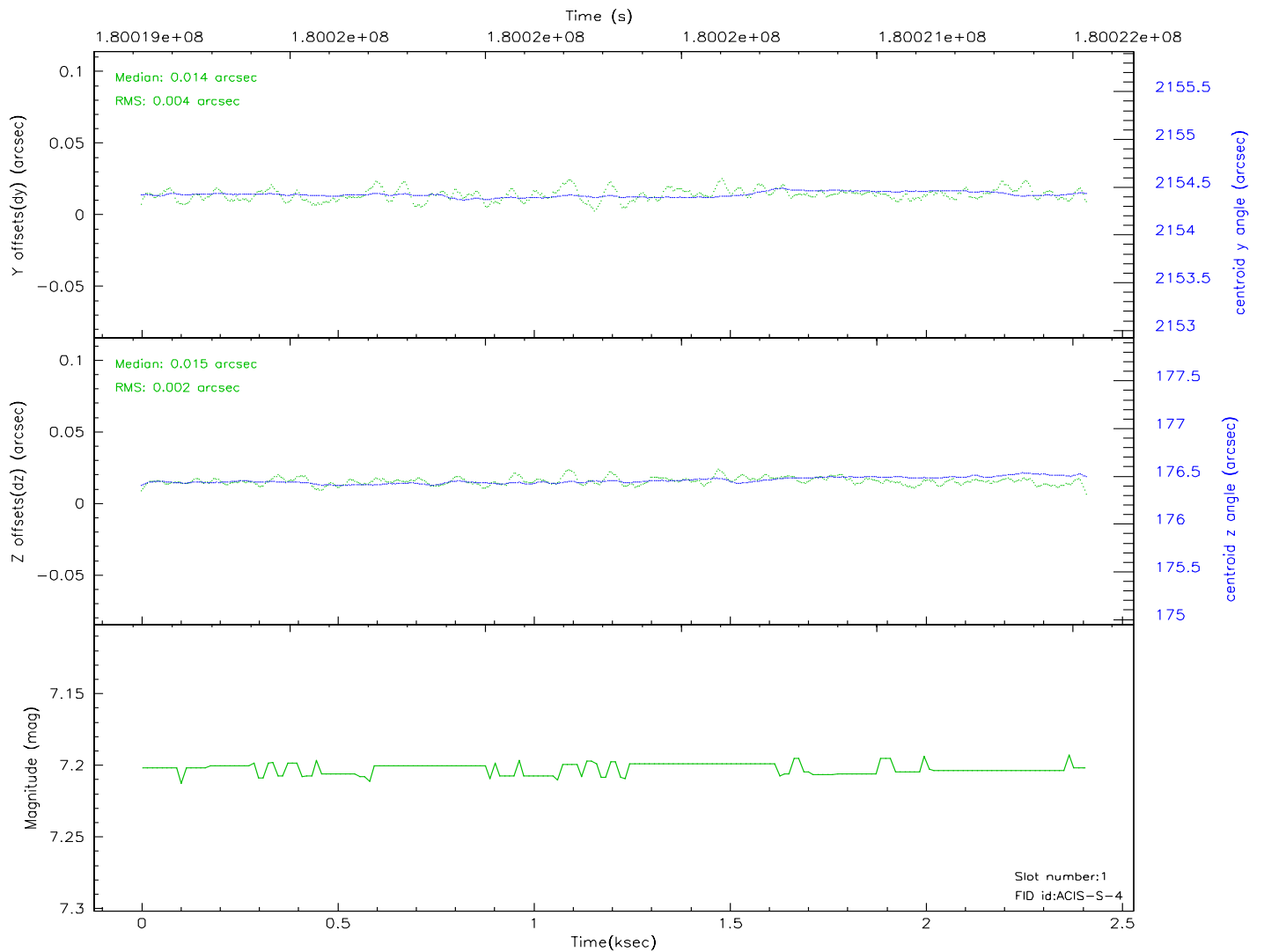
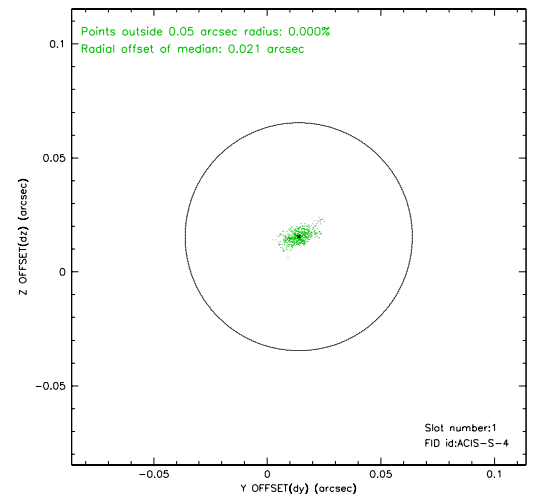
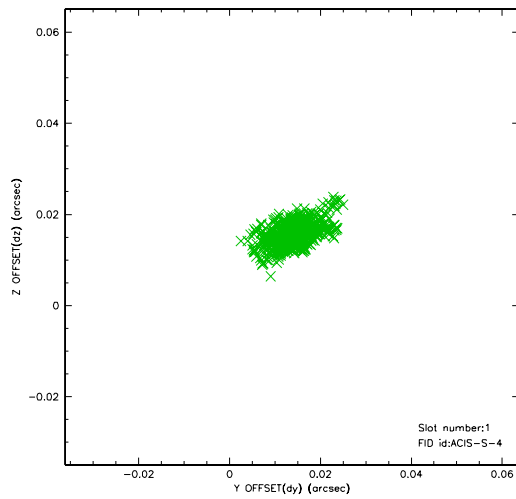


2.5 FID Slots

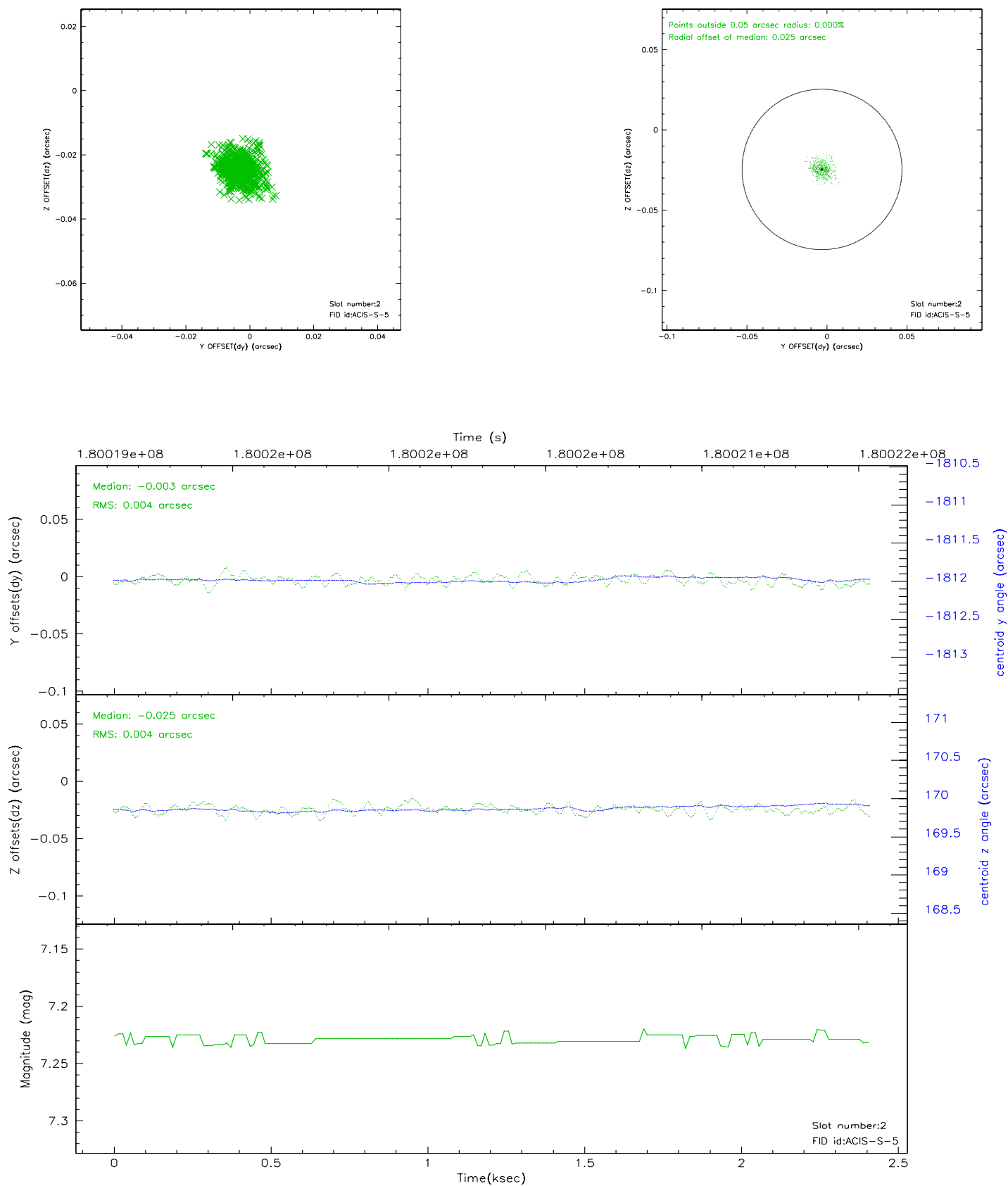
2.5.1 Slot 0



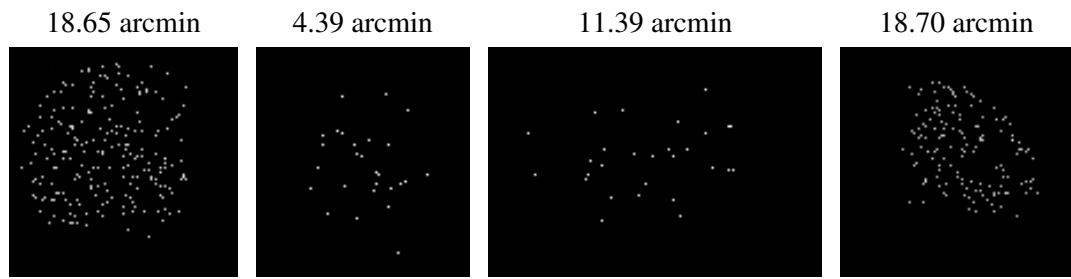
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.961

A.2 Comments