

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5698 - L2 Version 002
Chandra X-Ray Center

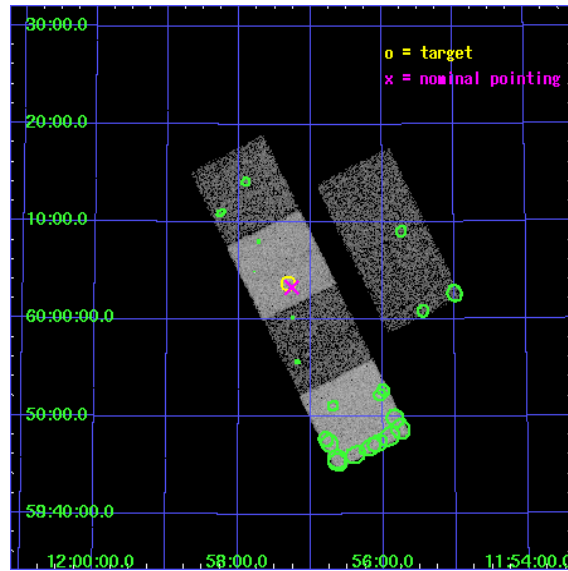
L2 Processing Date : Mar 8 2006

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1 Front

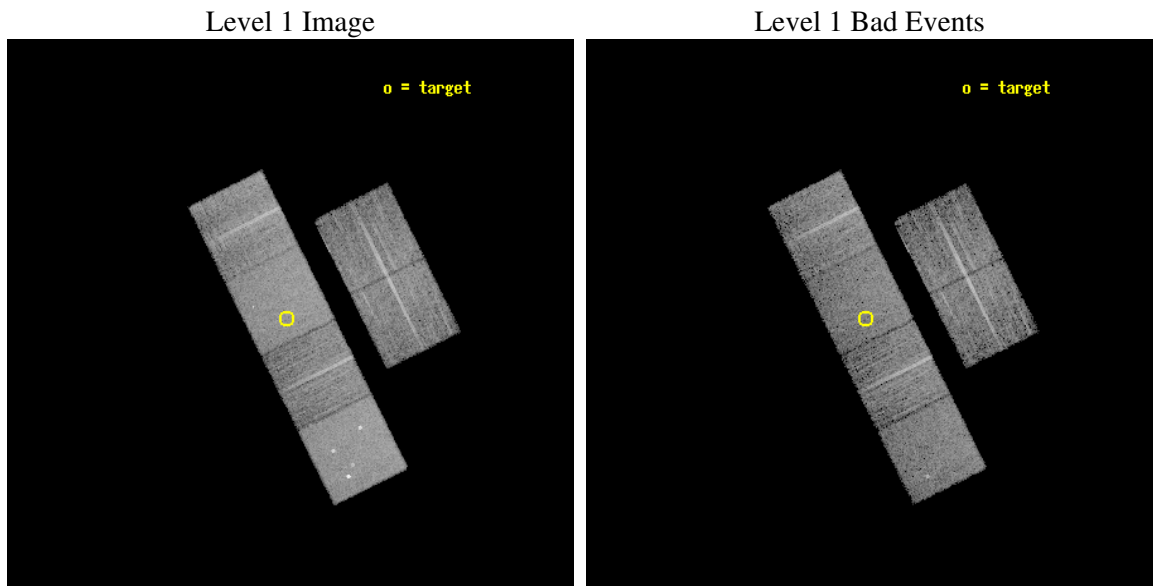
seq_num	701120
obs_id	5698
title	Studying the X-ray properties of SDSS candidate Type II quasars with exploratory Chandra observations
observer	Dr. Cristian Vignali
object	SDSS J115718.35+600345.6
dtcycle	0
cycle	P
ra_targ	179.326667
dec_targ	60.062667
ra_nom	179.3152666637
dec_nom	60.054938664767
roll_nom	243.52935161702
revision	2
ontime	7055.9999737144
livetime	6966.6526534341
ontime2	7055.9999737144
ontime3	7055.9999737144
ontime5	7055.9999737144
ontime6	7055.9999737144
ontime7	7055.9999737144
ontime8	7055.9999737144
l2events	82239



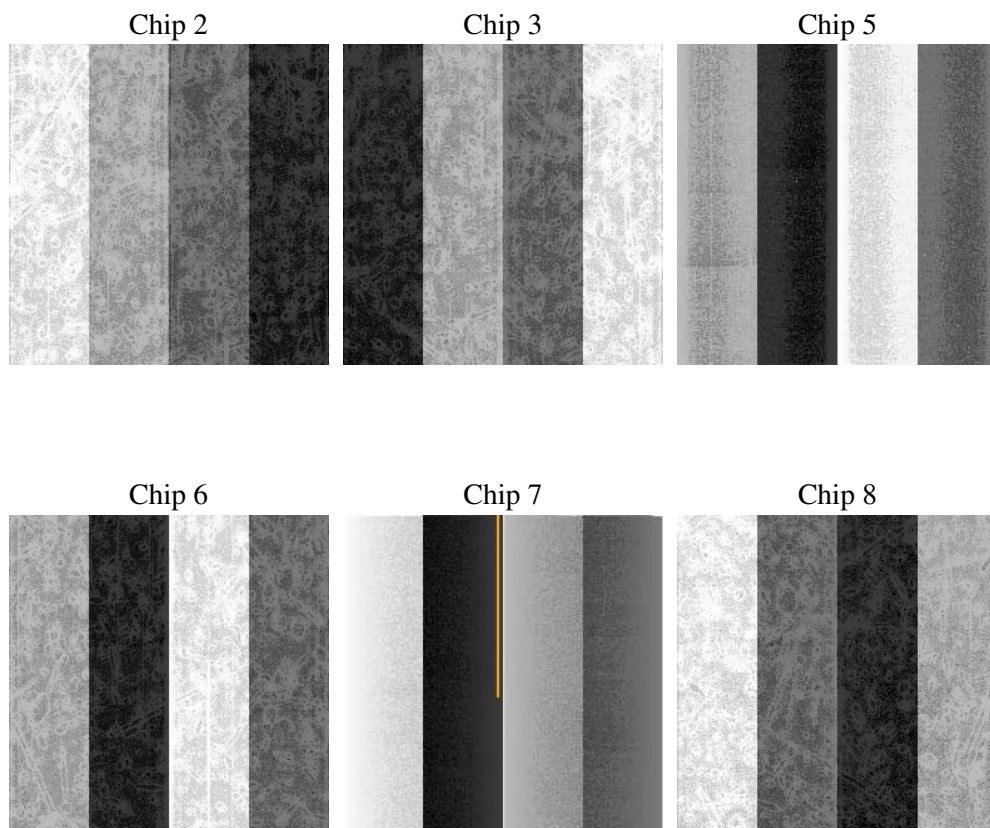
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-08T16:54:22
revision	2

sched_exp_time	7000.000000
ontime	7062.1543323696
ontime2	7062.1543323696
ontime3	7062.1543323696
ontime5	7062.1543323696
ontime6	7062.1543323696
ontime7	7062.1543323696
ontime8	7062.1543323696
l1events	374604

2.1.4 Events

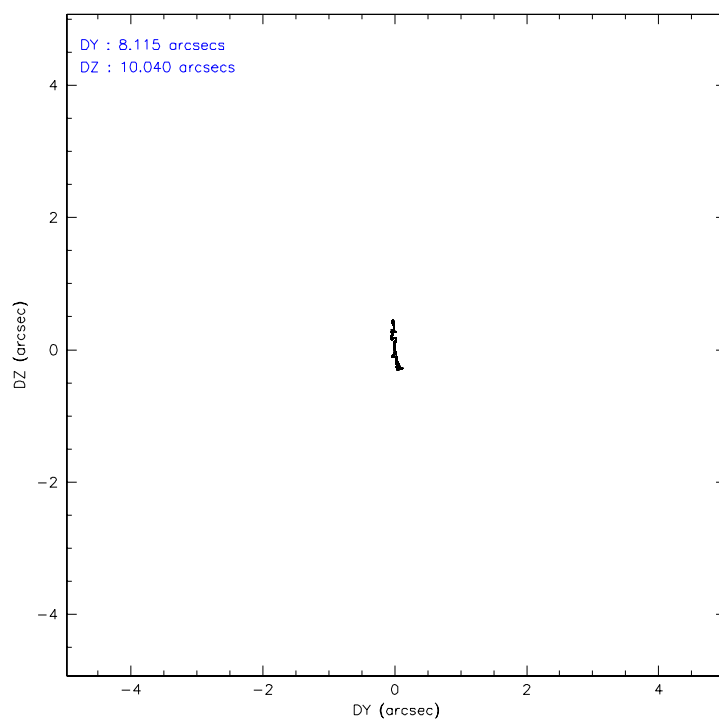
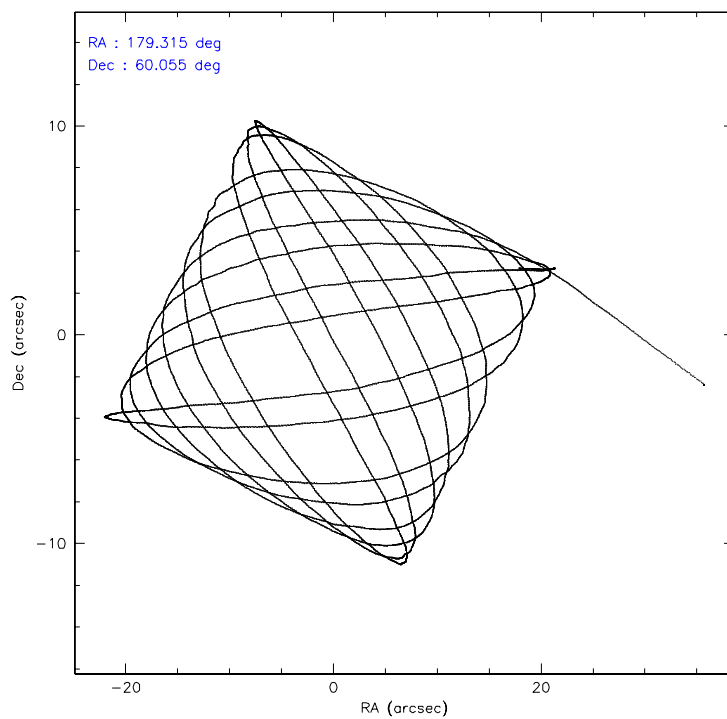
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	52276	49516	80748	53653	72702	65709
rejected events	46029	43515	44476	47333	45129	51625
rejected %	88%	87%	55%	88%	62%	78%

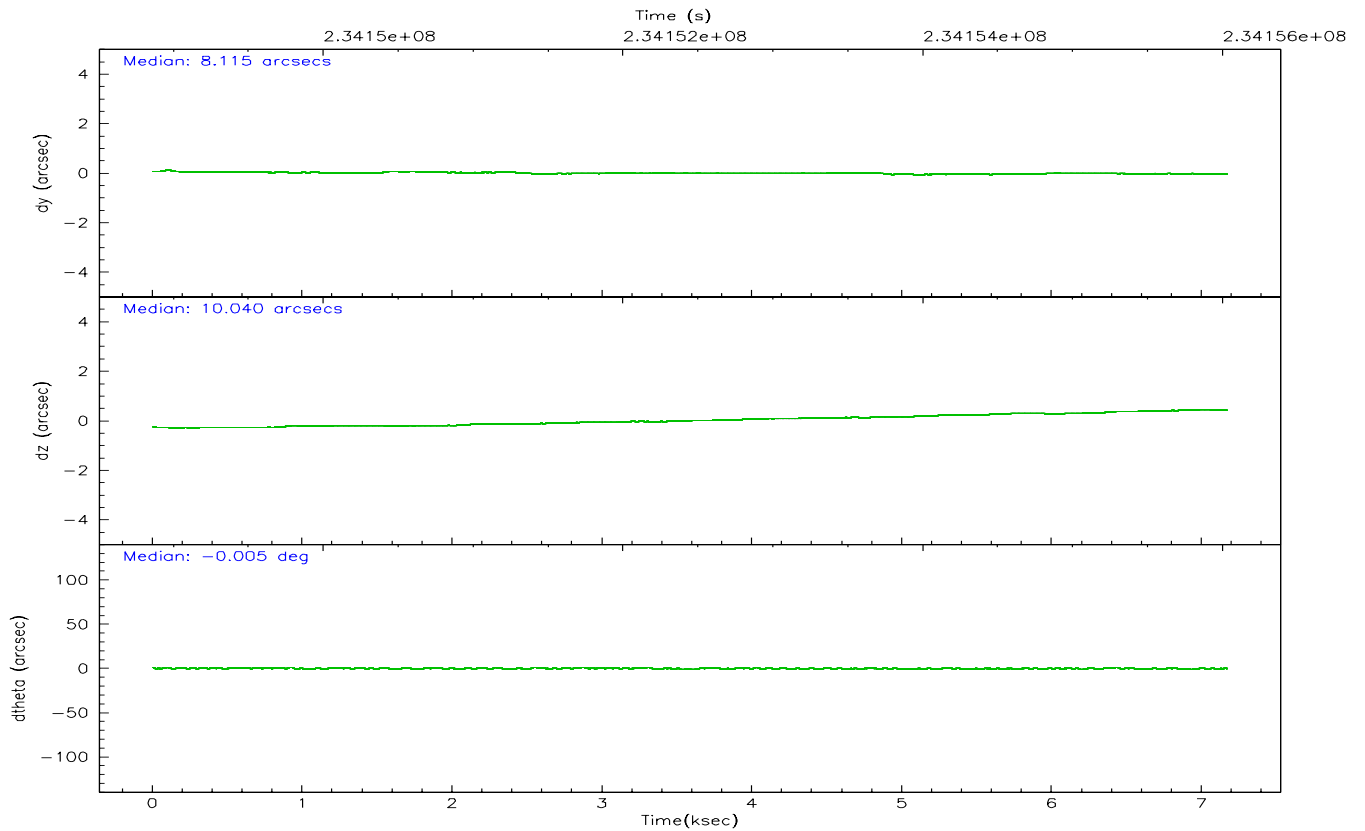
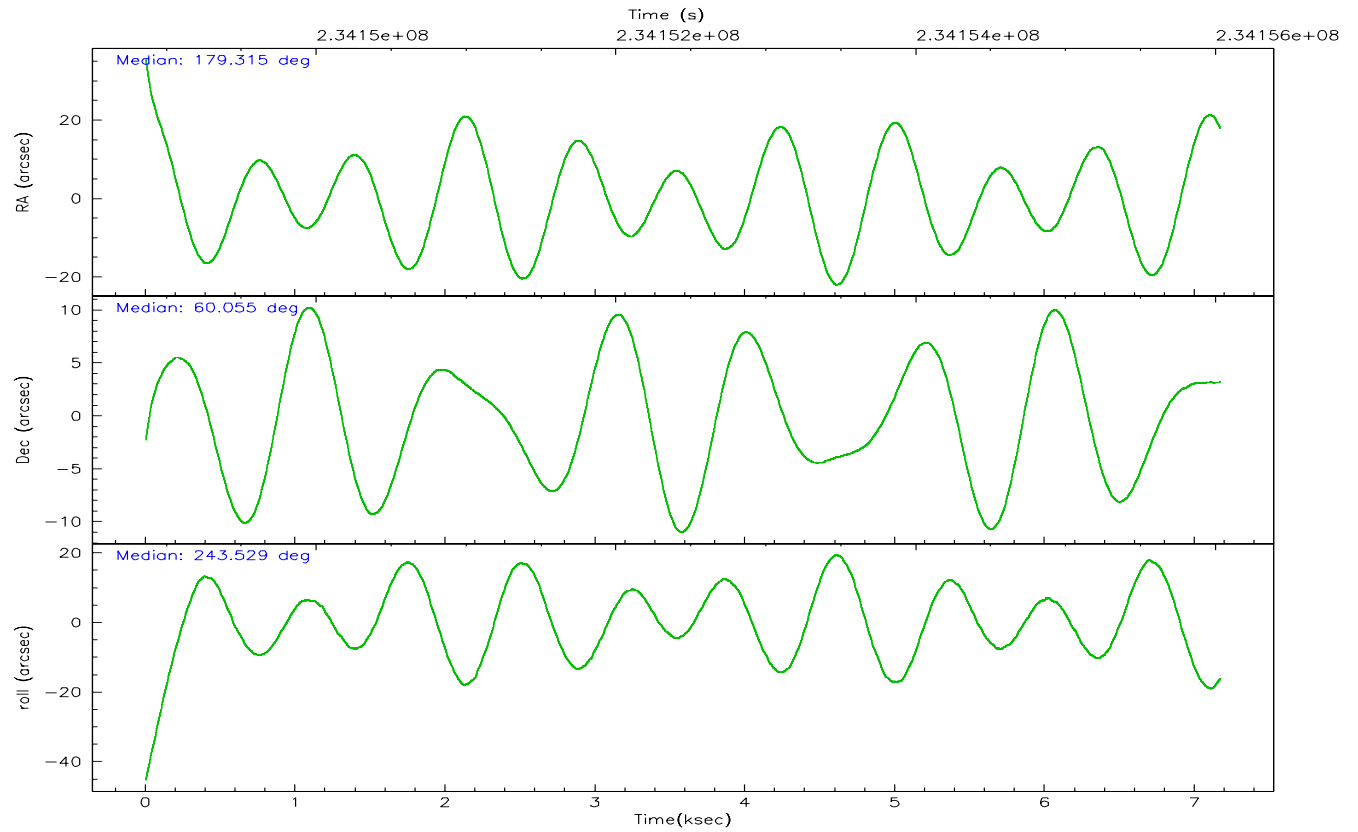
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2724	2603	3696	2579	1603	4400
	5%	5%	4%	4%	2%	6%
grade 1 events	34	31	168	29	43	42
	0%	0%	0%	0%	0%	0%
grade 2 events	1218	1175	11198	1232	6957	3165
	2%	2%	13%	2%	9%	4%
grade 3 events	619	577	692	594	1337	1447
	1%	1%	0%	1%	1%	2%
grade 4 events	620	602	646	561	1294	1393
	1%	1%	0%	1%	1%	2%
grade 5 events	2207	2332	3813	2454	4688	3254
	4%	4%	4%	4%	6%	4%
grade 6 events	1066	1054	20082	1358	16413	3681
	2%	2%	24%	2%	22%	5%
grade 7 events	43788	41142	40453	44846	40367	48327
	83%	83%	50%	83%	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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	179.311031	179.3152666636998	Alternating exposures requested	N	N
Pointing Dec	60.082049	60.05493866476708	Primary exposure time	0.000000	3.2
Pointing Roll	243.376411	243.5293516170234			
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	234149037.184000	234148026.39919			
Observation start date	2005-06-03T01:22:53	2005-06-03T01:07:06			
Observation end time	234156037.184000	234156703.02459			
Observation end date	2005-06-03T03:19:33	2005-06-03T03:31:43			
Read mode	TIMED	TIMED			

2.3 Aspect



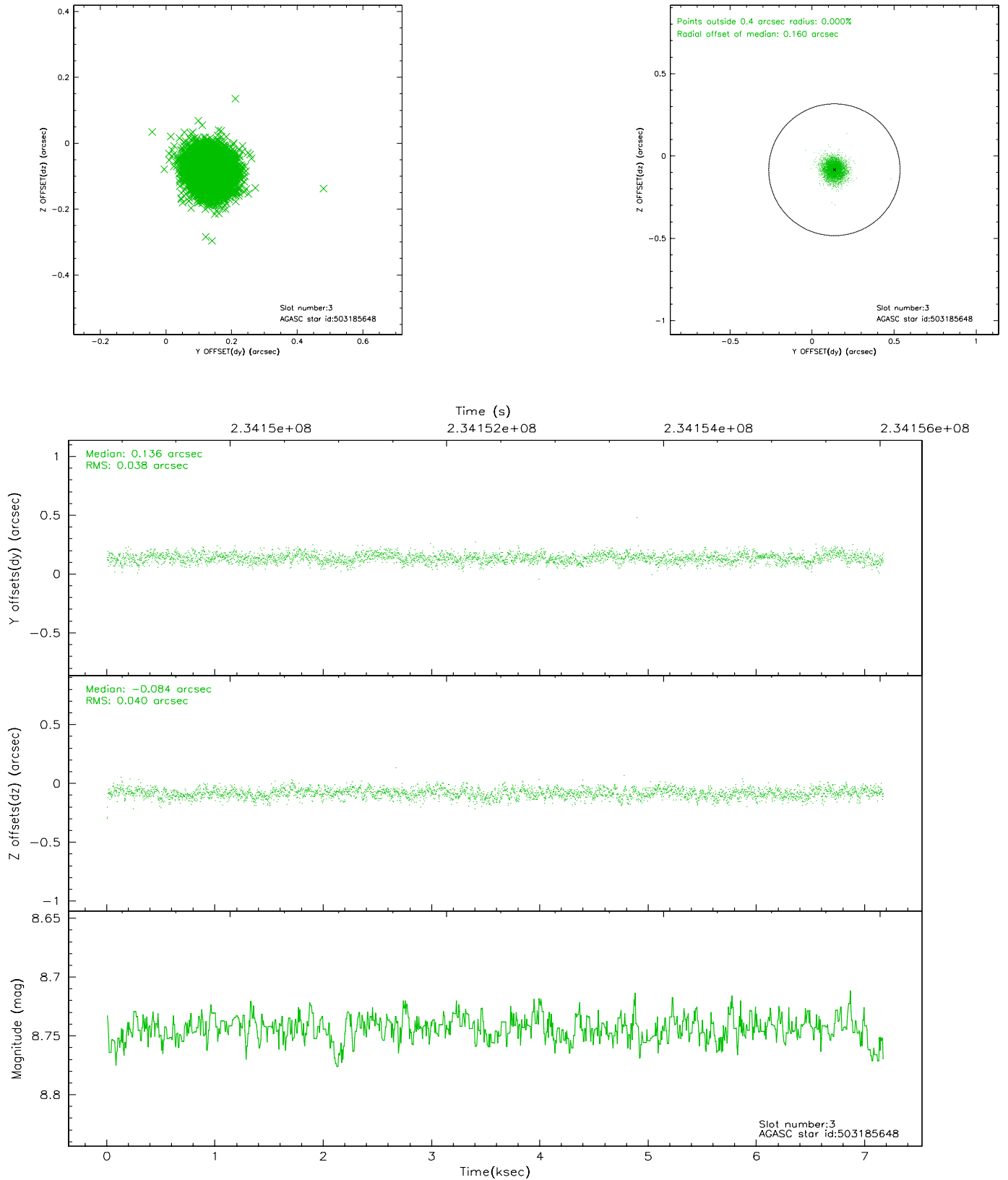


Slot Statistics

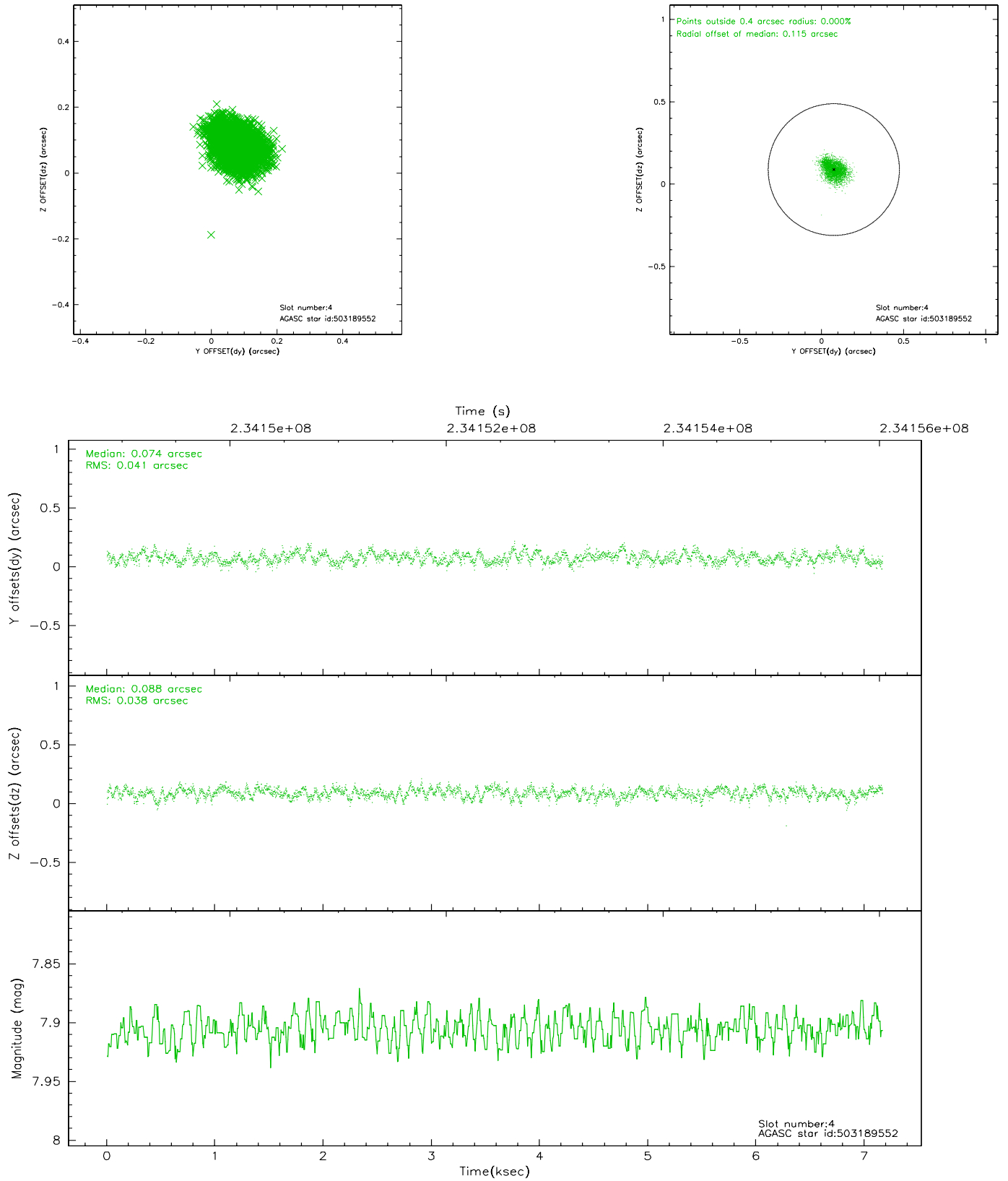
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1748	-0.031	-0.005	0.009	0.014	0.000000	0.000000	-760.89	-1731.34
1	FID	ACIS-S-4	7.21	1748	0.082	0.016	0.005	0.010	0.000000	0.000000	2152.09	176.40
2	FID	ACIS-S-5	7.23	1748	-0.082	-0.003	0.009	0.015	0.000000	0.000000	-1812.79	170.88
3	GUIDE	503185648	8.74	3493	0.136	-0.084	0.058	0.094	178.966414	59.673816	1594.01	98.08
4	GUIDE	503189552	7.90	3497	0.074	0.088	0.061	0.096	178.496507	59.680458	1948.73	-679.34
5	GUIDE	544480840	8.40	3497	-0.021	0.020	0.061	0.101	179.961120	60.158701	-772.44	914.53
6	GUIDE	544481720	8.66	3497	-0.059	-0.029	0.069	0.111	179.183884	60.522144	-1315.34	-911.15
7	GUIDE	544481768	7.34	3495	-0.131	0.008	0.057	0.088	179.454019	60.461508	-1335.14	-385.60

2.4 Star Slots

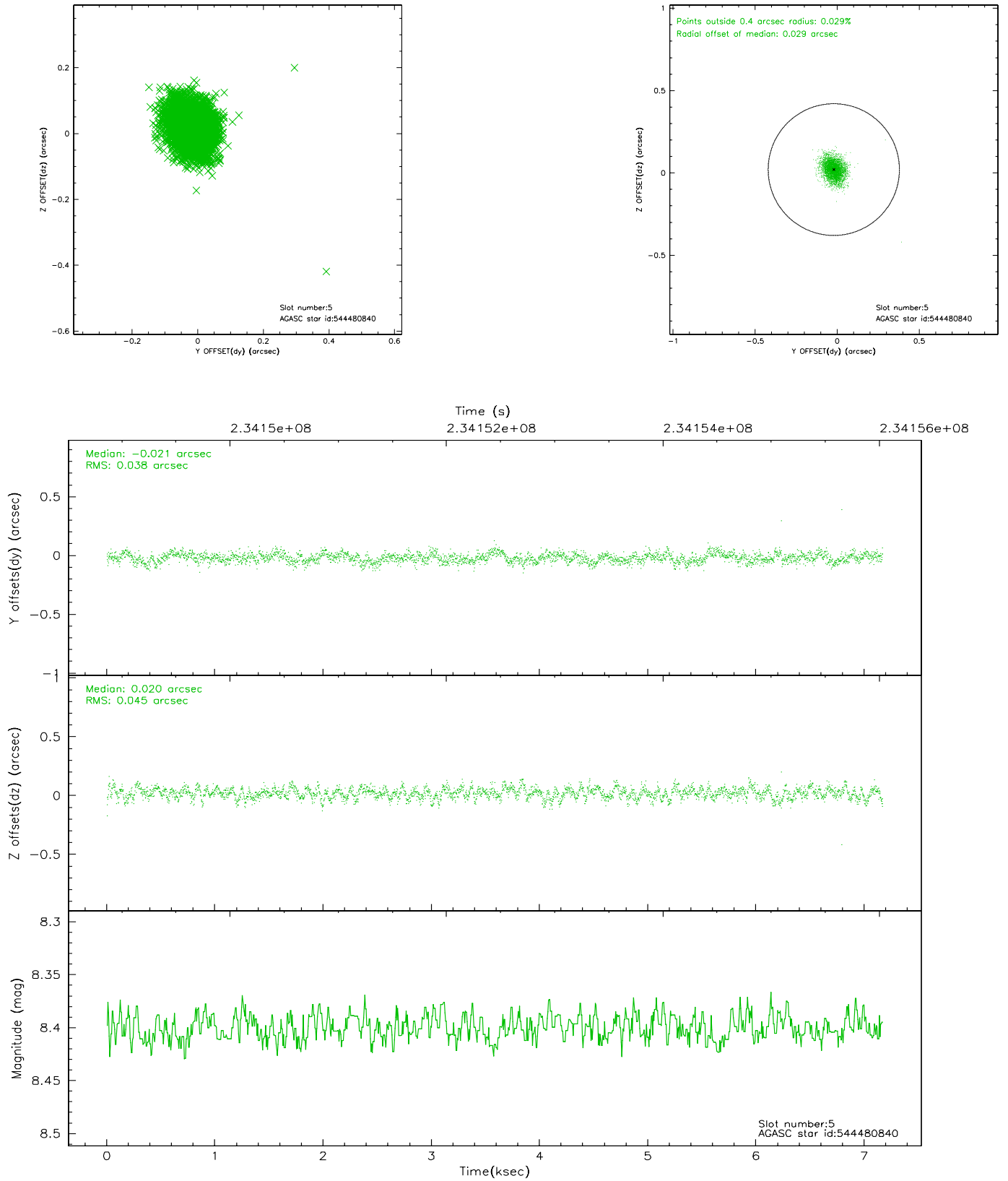
2.4.1 Slot 3



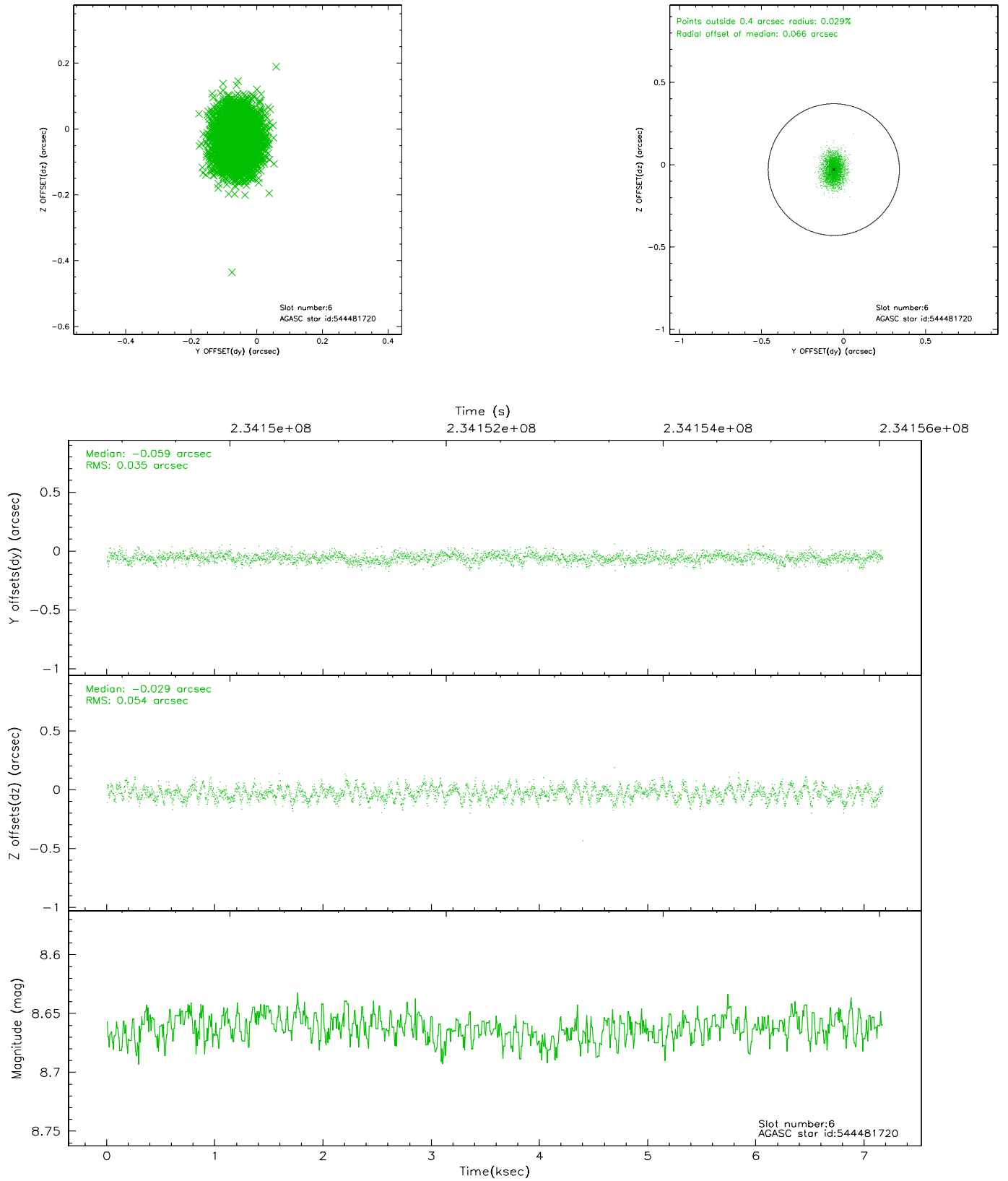
2.4.2 Slot 4



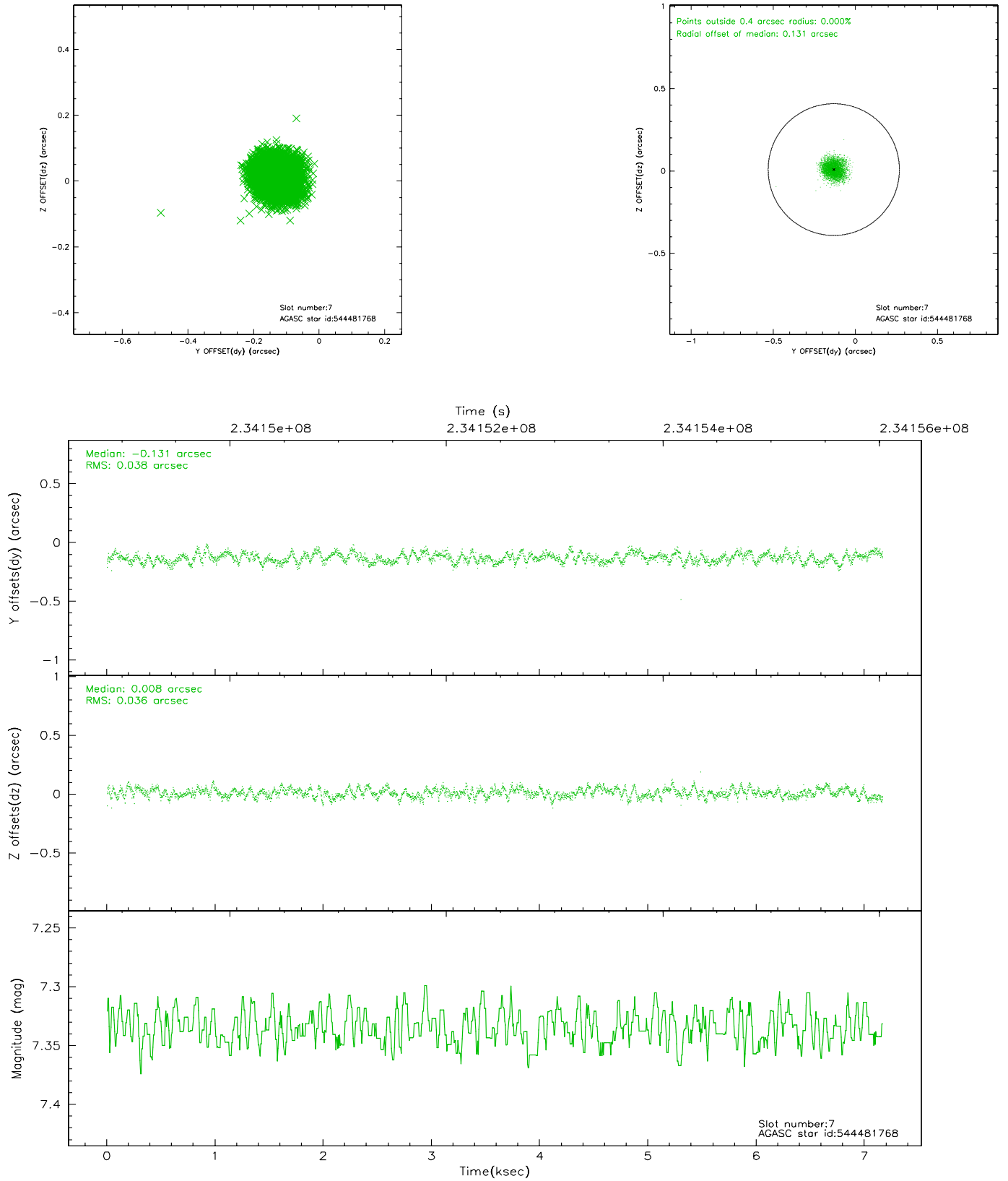
2.4.3 Slot 5



2.4.4 Slot 6

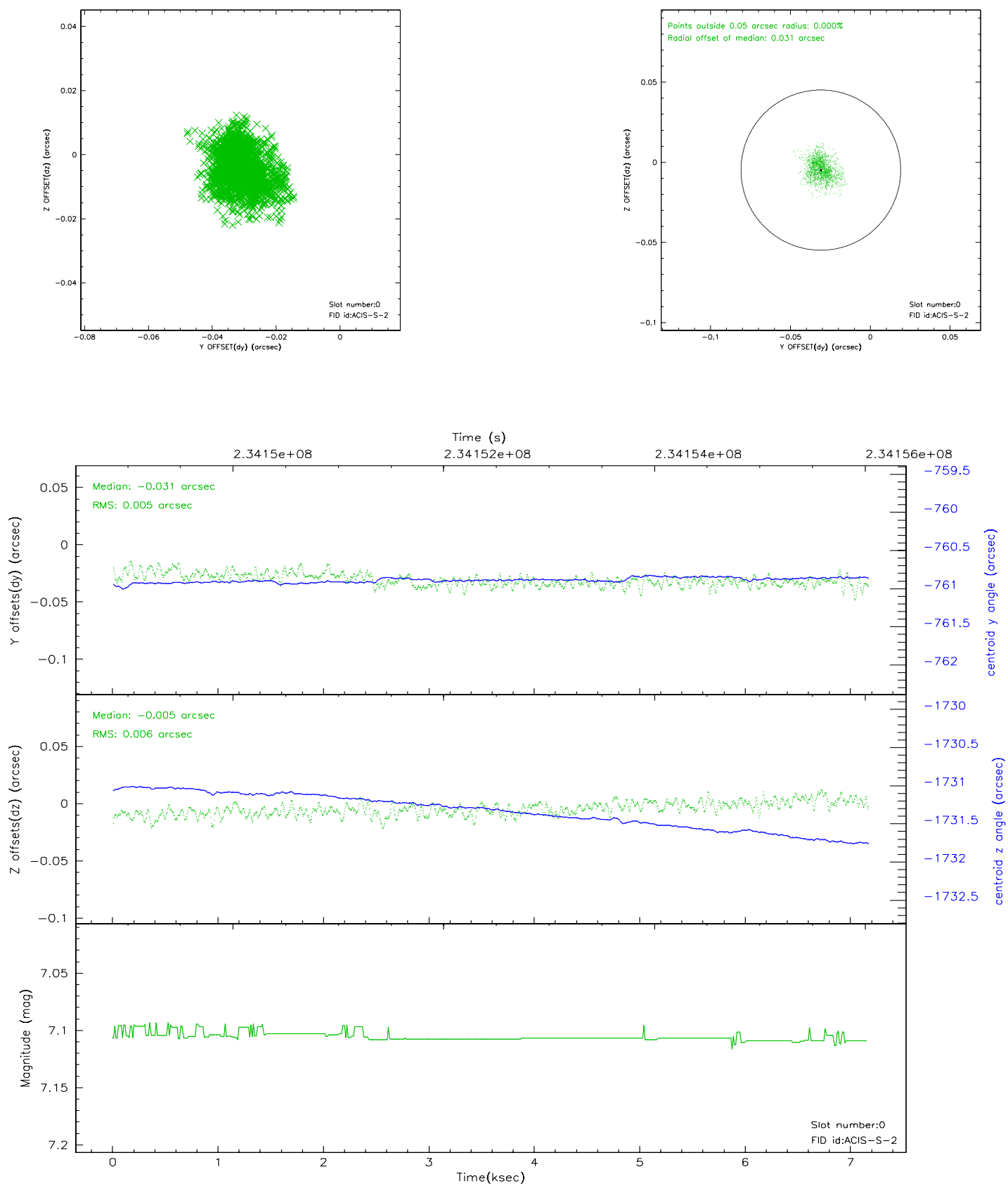


2.4.5 Slot 7

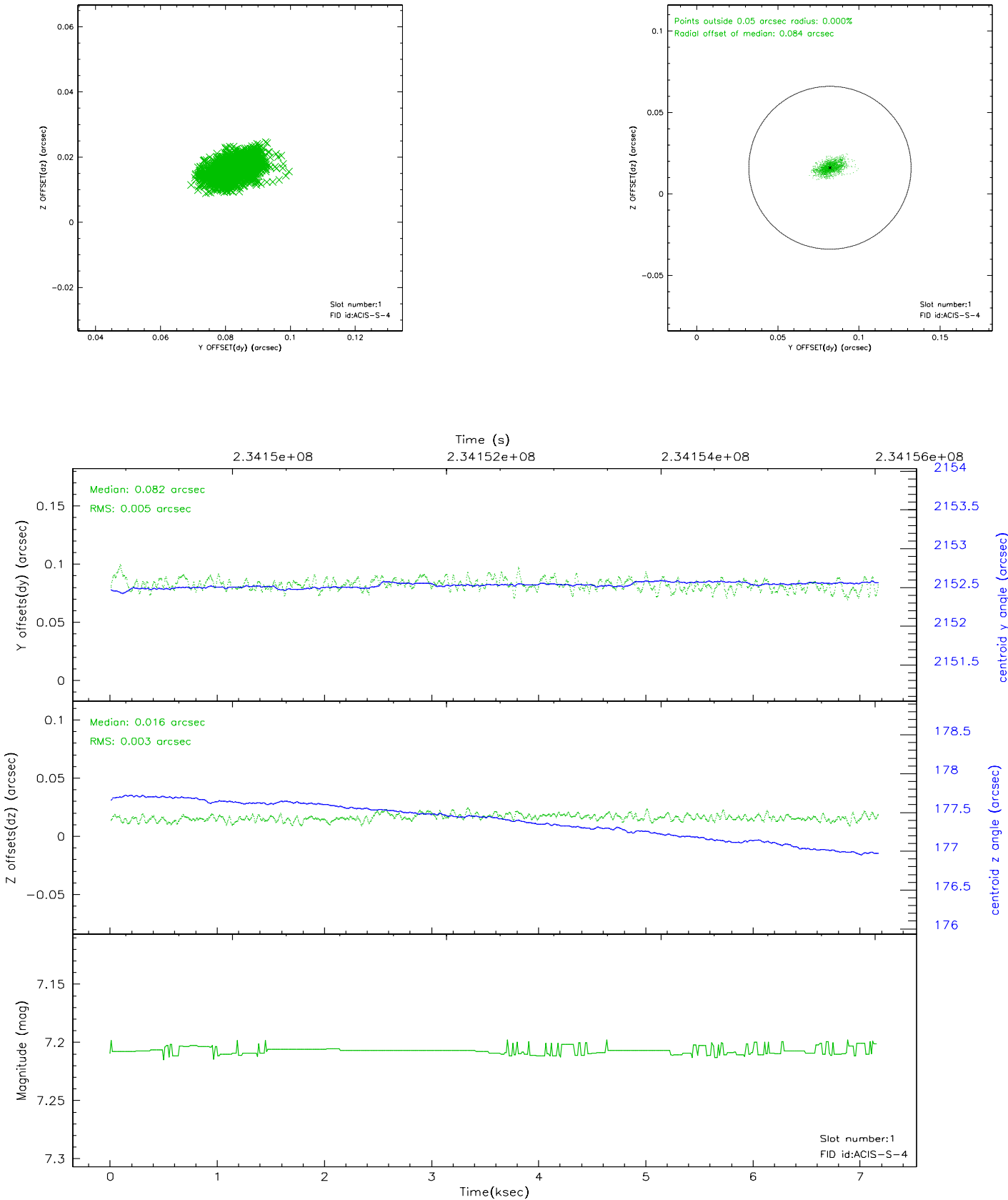


2.5 FID Slots

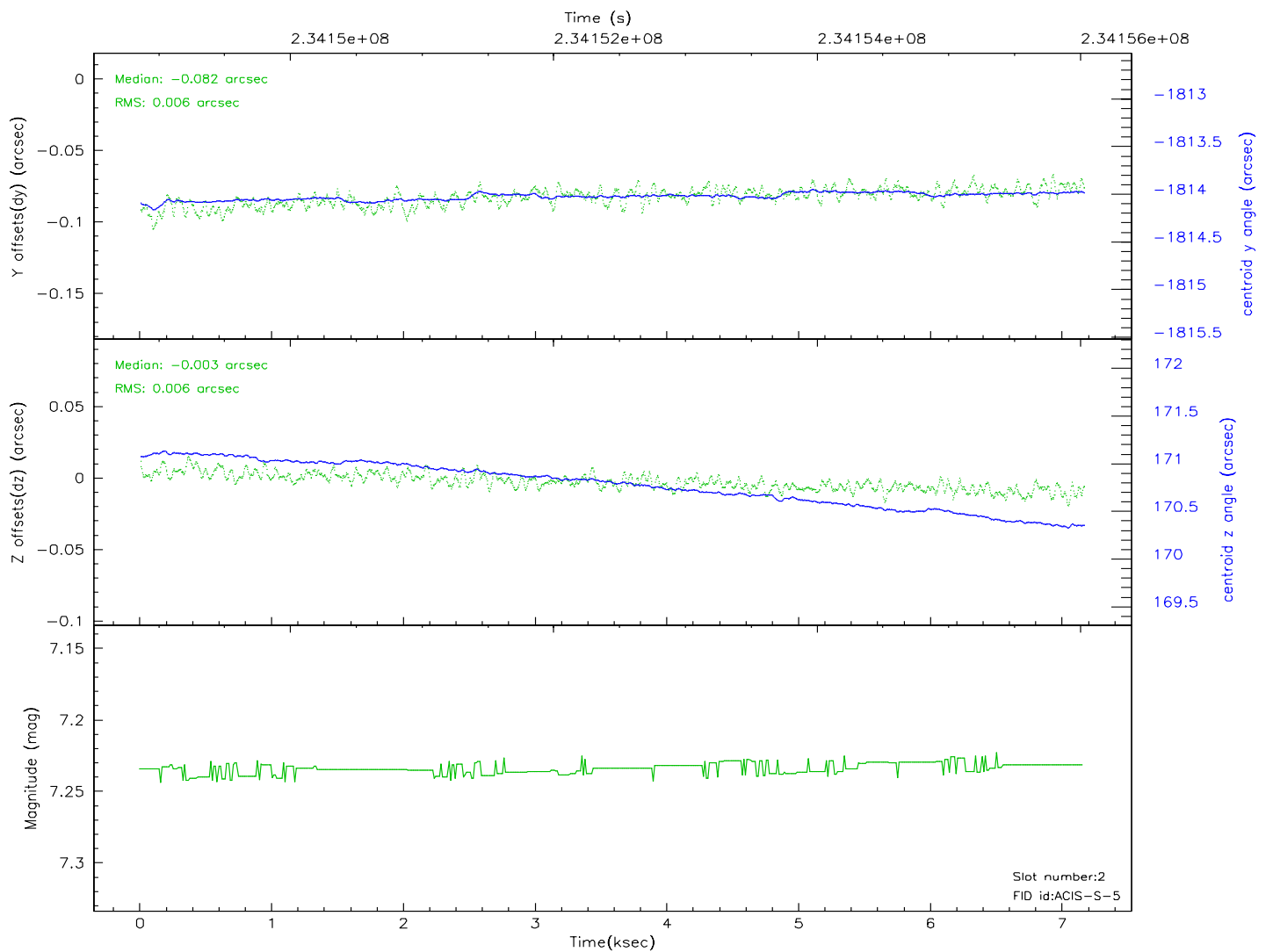
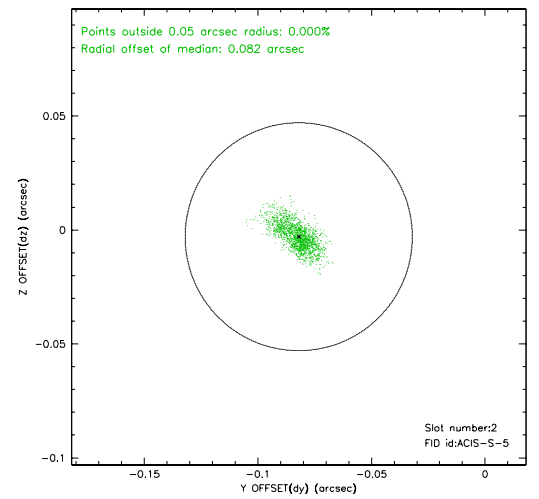
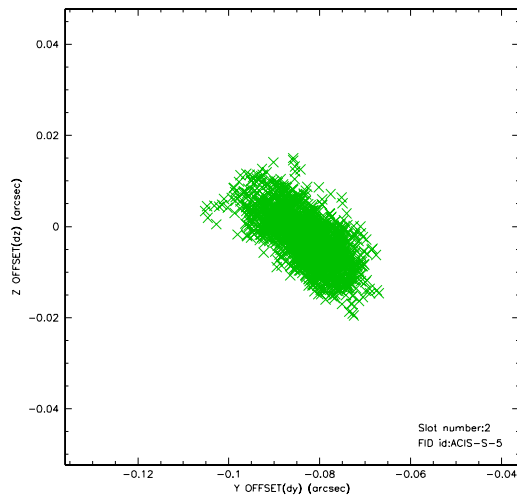
2.5.1 Slot 0



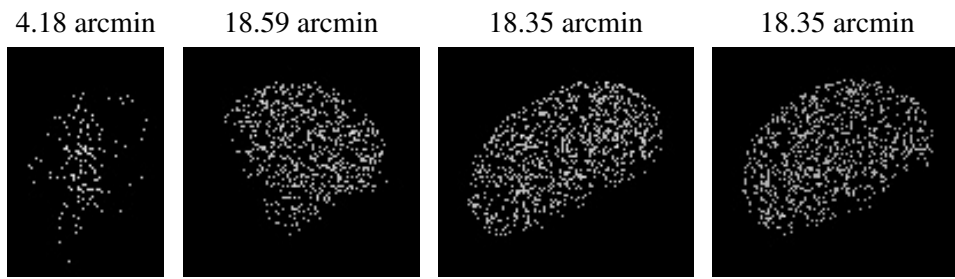
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.055999

A.2 Comments