

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6278 - L2 Version 002
Chandra X-Ray Center

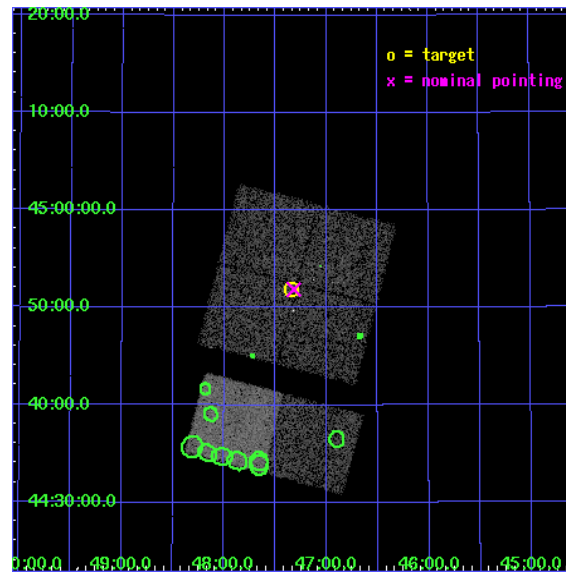
L2 Processing Date : Mar 15 2006

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1 Front

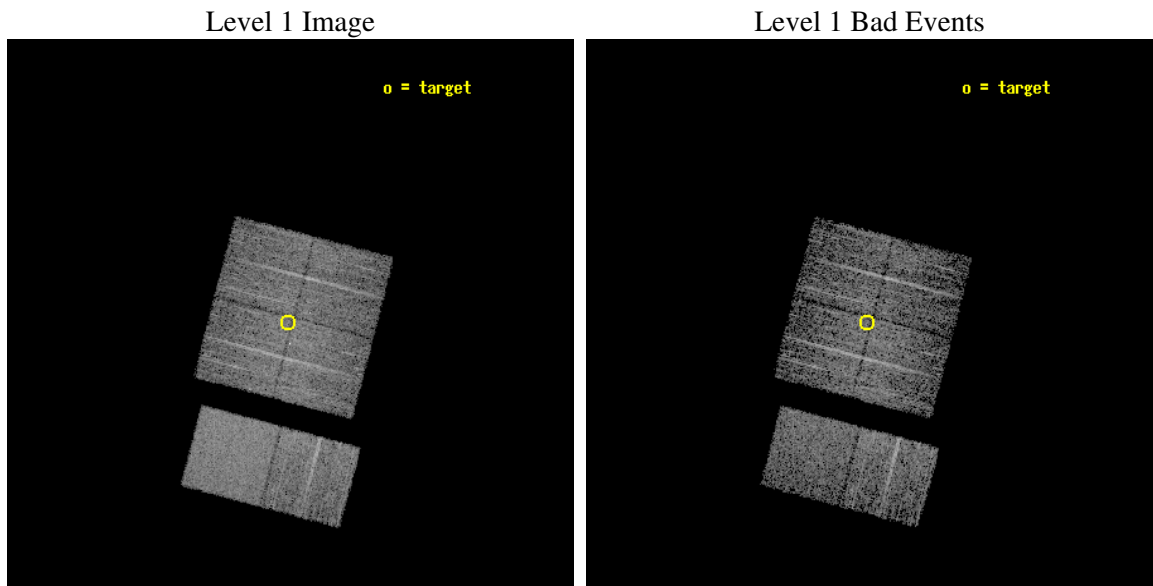
seq_num	701180
obs_id	6278
title	Search for strongly obscured AGNs: support for INTEGRAL all-sky hard X-ray survey
observer	Prof. Rashid Sunyaev
object	IGR J19473+4452
dtcycle	0
cycle	P
ra_targ	296.835833
dec_targ	44.864
ra_nom	296.82953826513
dec_nom	44.864663785656
roll_nom	194.70868946821
revision	2
ontime	3638.3999864459
livetime	3592.3283750361
ontime0	3638.3999864459
ontime1	3638.3999864459
ontime2	3638.3999864459
ontime3	3638.3999864459
ontime6	3638.3999864459
ontime7	3638.3999864459
l2events	43805



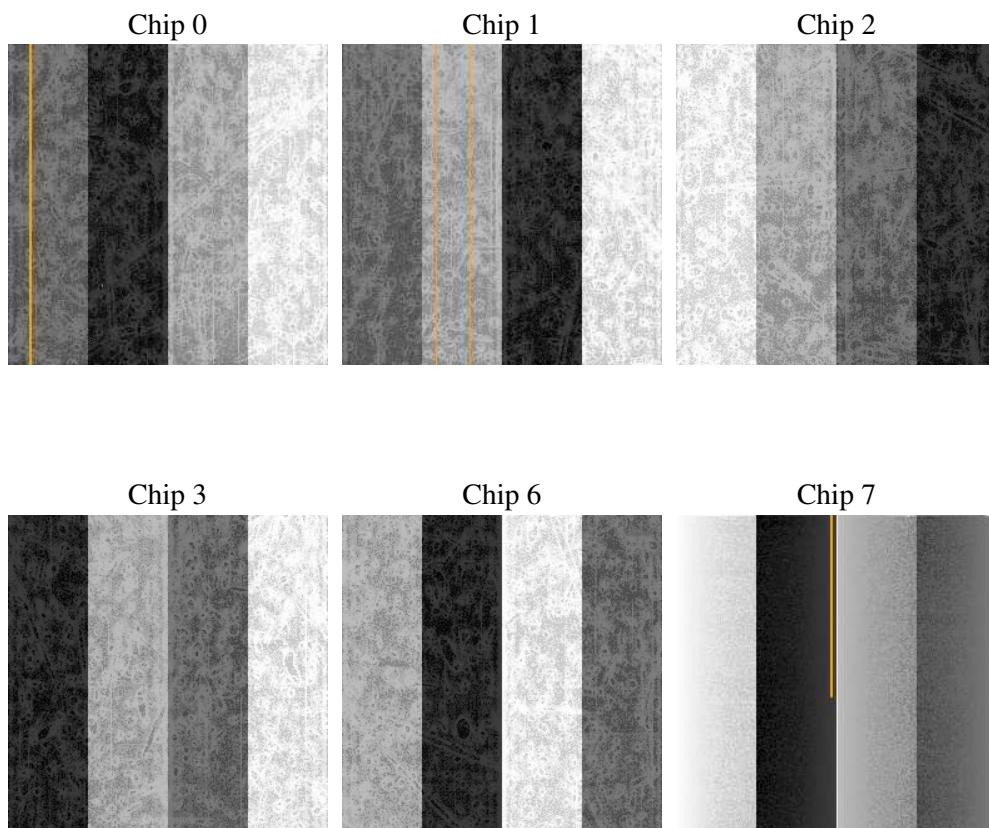
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-16T00:00:14
revision	2

sched_exp_time	3466.621000
ontime	4073.9529668093
ontime0	4073.9529866874
ontime1	4073.9529866874
ontime2	4073.9529668093
ontime3	4073.9529668093
ontime6	4073.9529668093
ontime7	4073.9529866874
l1events	224025

2.1.4 Events

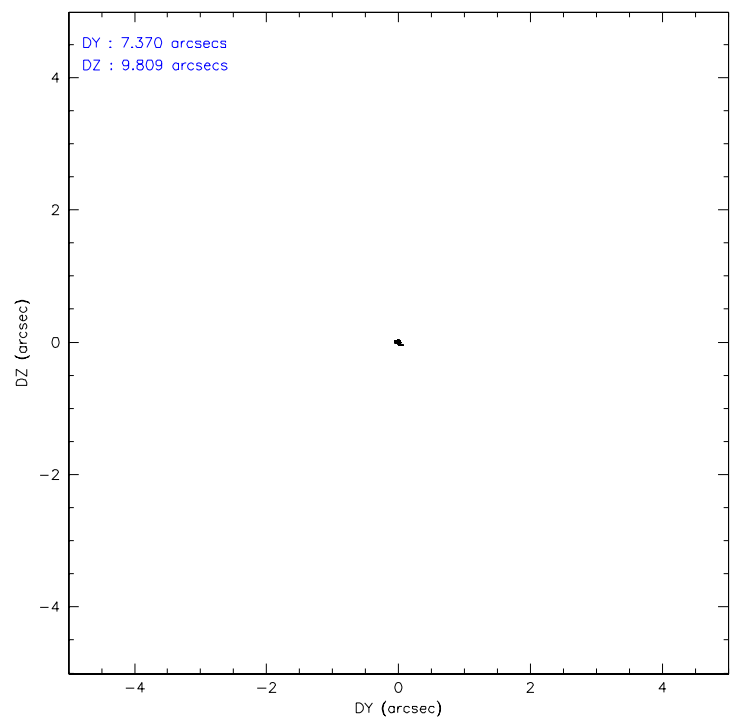
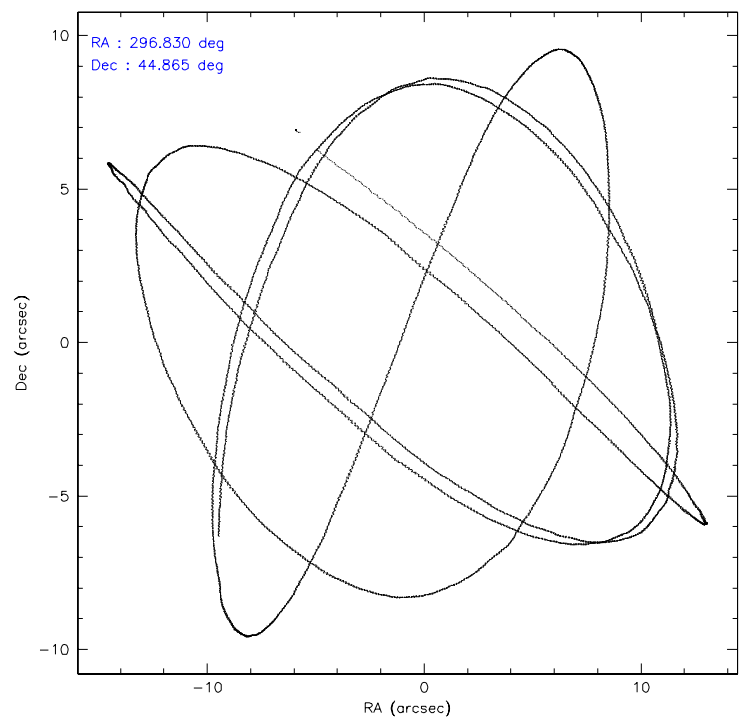
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	31380	33309	38179	35555	37743	47859
rejected events	25278	27466	32027	29924	31822	29353
rejected %	80%	82%	83%	84%	84%	61%

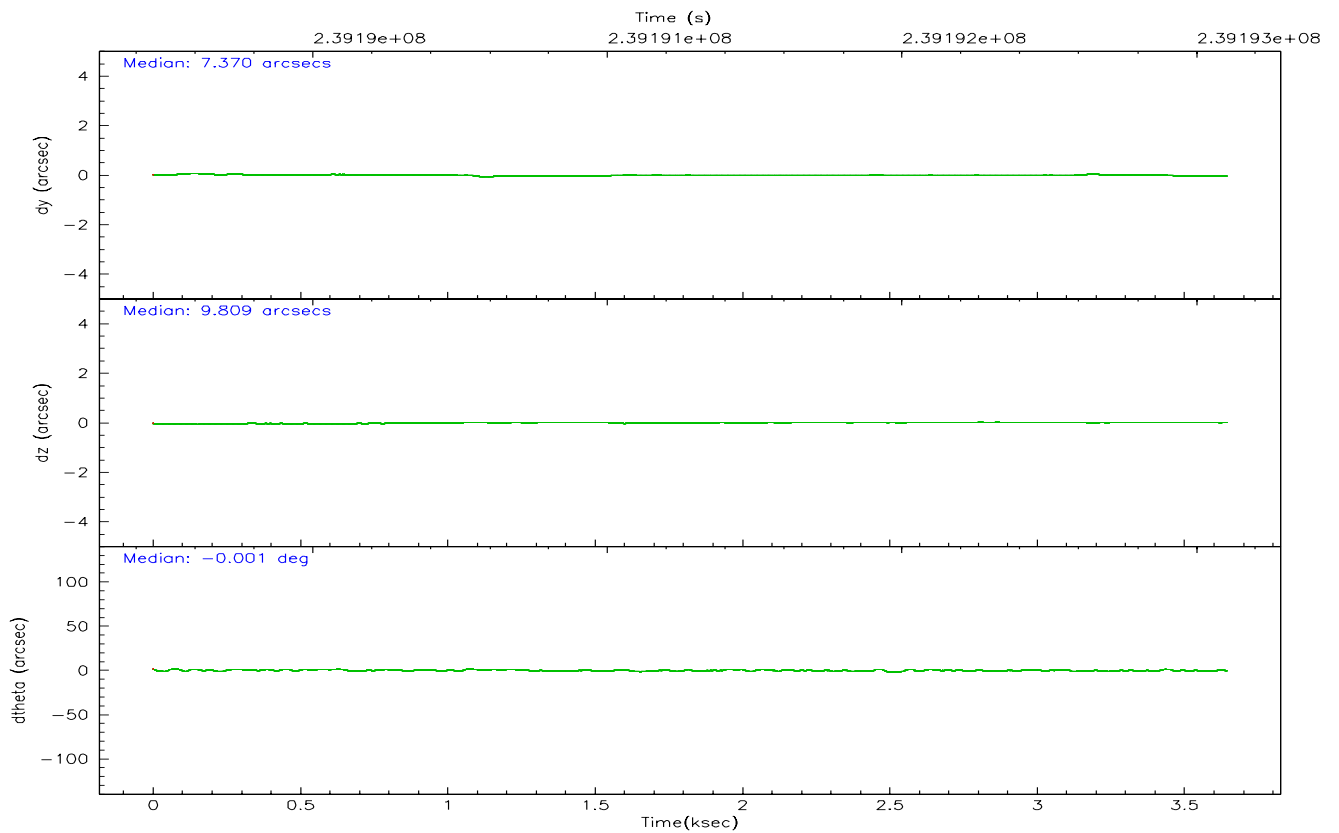
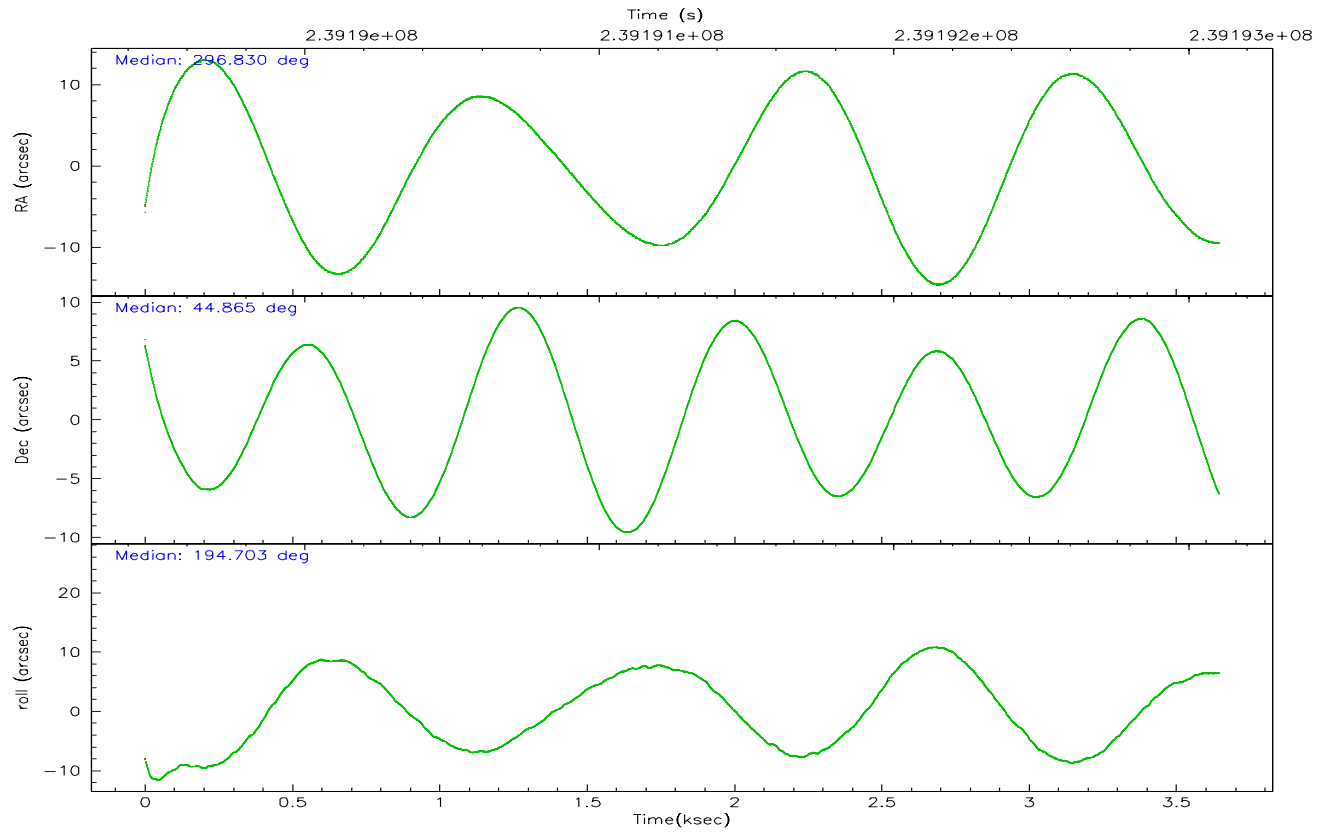
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3447	2997	3576	3147	3220	1389
	10%	8%	9%	8%	8%	2%
grade 1 events	31	23	46	21	22	19
	0%	0%	0%	0%	0%	0%
grade 2 events	1414	1367	1371	1191	1396	5118
	4%	4%	3%	3%	3%	10%
grade 3 events	447	472	436	463	427	1012
	1%	1%	1%	1%	1%	2%
grade 4 events	429	450	479	408	431	940
	1%	1%	1%	1%	1%	1%
grade 5 events	1192	1283	1209	1371	1496	2665
	3%	3%	3%	3%	3%	5%
grade 6 events	977	1103	954	984	1091	12192
	3%	3%	2%	2%	2%	25%
grade 7 events	23443	25614	30108	27970	29660	24524
	74%	76%	78%	78%	78%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	296.856713	296.8295382651277	Alternating exposures requested	N	N
Pointing Dec	44.884004	44.86466378565588	Primary exposure time	0.000000	3.2
Pointing Roll	194.480839	194.7086894682134			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	239189635.184000	239188352.4046			
Observation start date	2005-07-31T09:32:51	2005-07-31T09:12:32			
Observation end time	239193102.184000	239193337.49232			
Observation end date	2005-07-31T10:30:38	2005-07-31T10:35:37			
Read mode	TIMED	TIMED			

2.3 Aspect



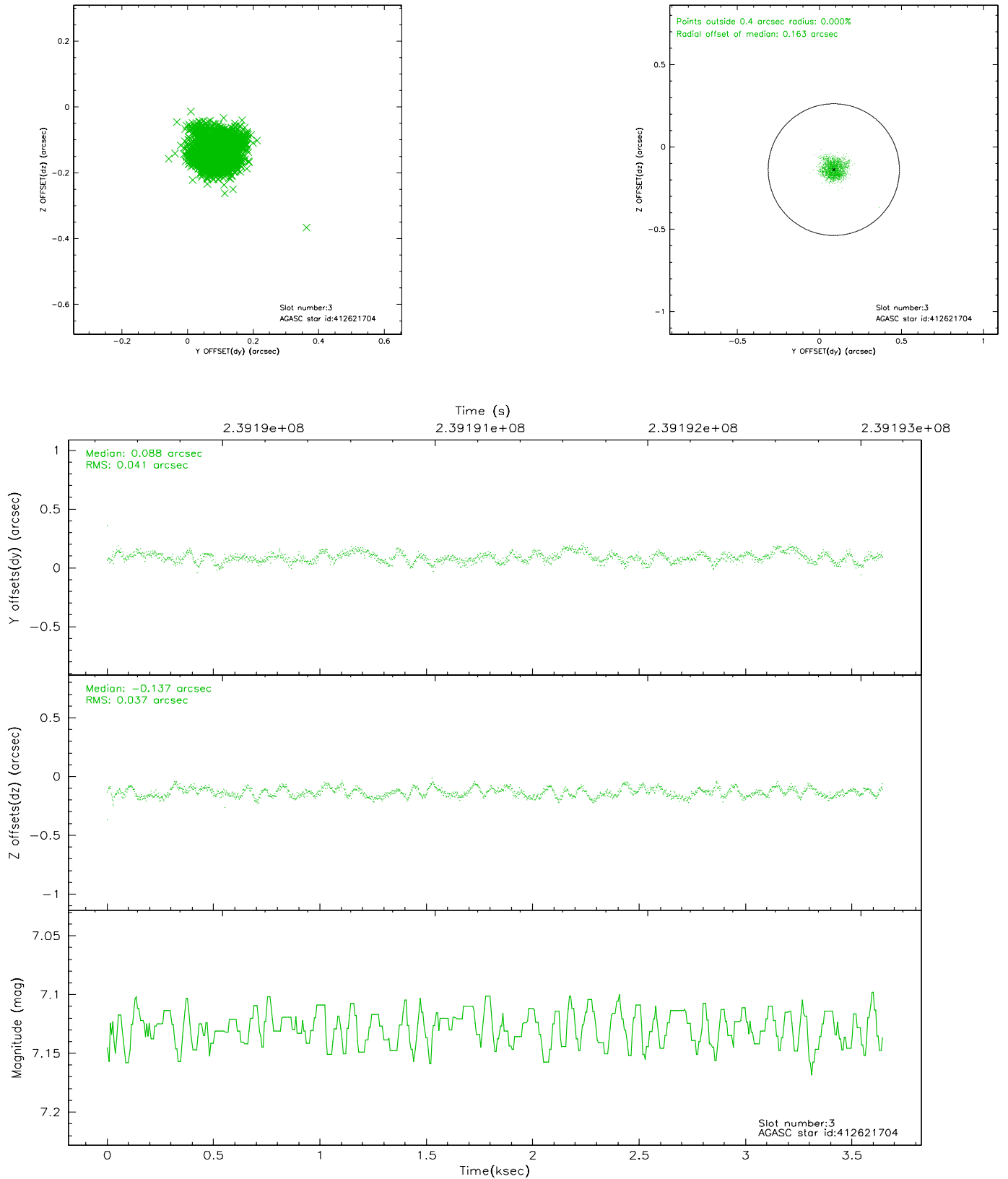


Slot Statistics

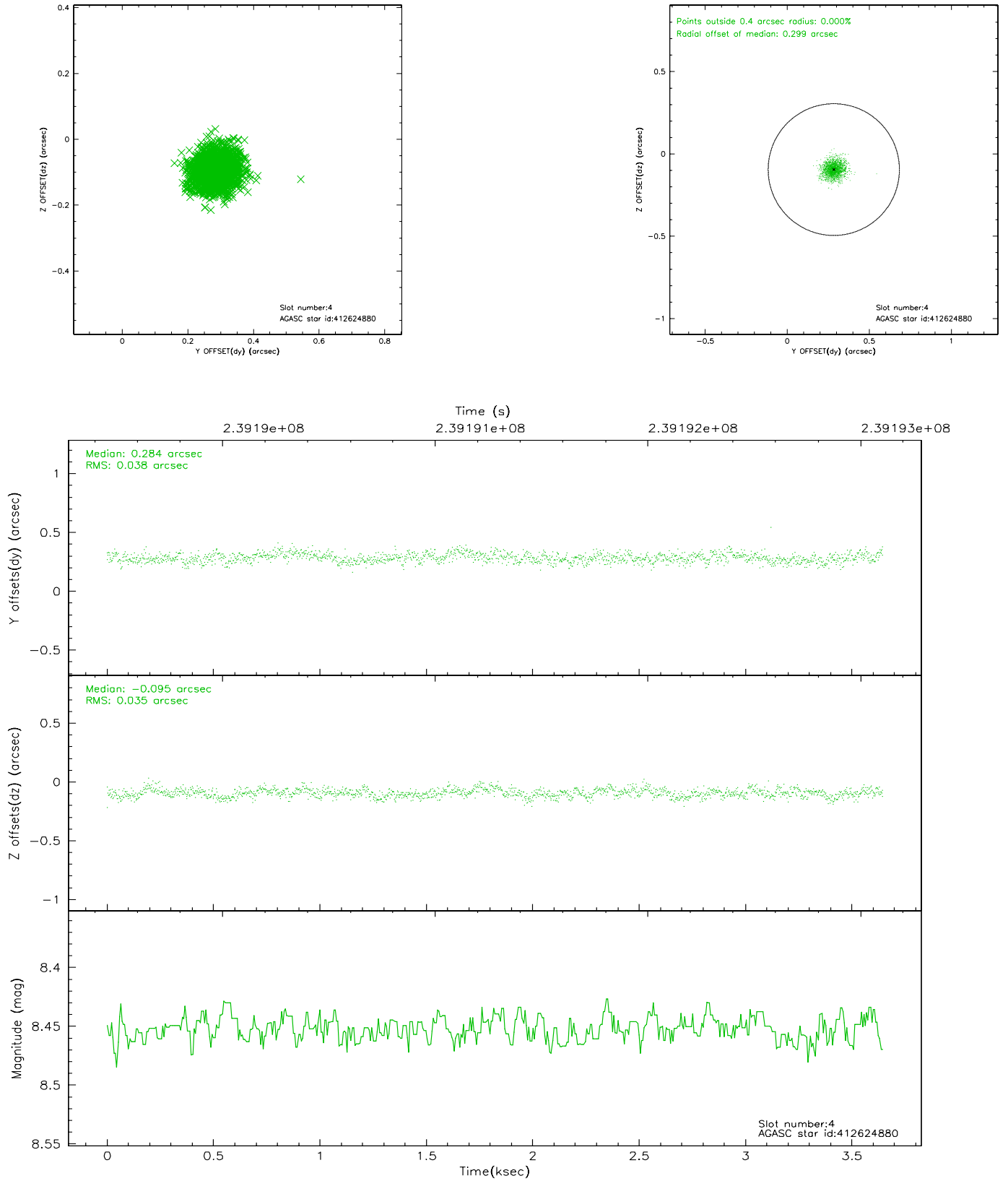
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-4	7.18	890	0.102	0.018	0.007	0.012	0.000000	0.000000	2152.37	1066.61
1	FID	ACIS-I-5	7.23	889	-0.193	0.017	0.005	0.009	0.000000	0.000000	-1813.66	1065.53
2	FID	ACIS-I-6	7.26	890	-0.009	0.032	0.008	0.014	0.000000	0.000000	395.98	1709.85
3	GUIDE	412621704	7.13	1779	0.088	-0.137	0.059	0.092	296.183439	44.928913	1619.72	-592.49
4	GUIDE	412624880	8.45	1776	0.284	-0.095	0.055	0.089	296.167920	44.298496	2245.13	1589.73
5	GUIDE	412628184	7.19	1779	-0.586	0.044	0.053	0.083	296.672191	44.348531	942.86	1748.25
6	GUIDE	466223704	8.26	1779	0.026	0.139	0.060	0.097	297.047341	45.178894	-732.96	-906.62
7	GUIDE	412616872	8.30	1778	0.186	0.048	0.051	0.082	297.415564	44.844724	-1346.76	488.30

2.4 Star Slots

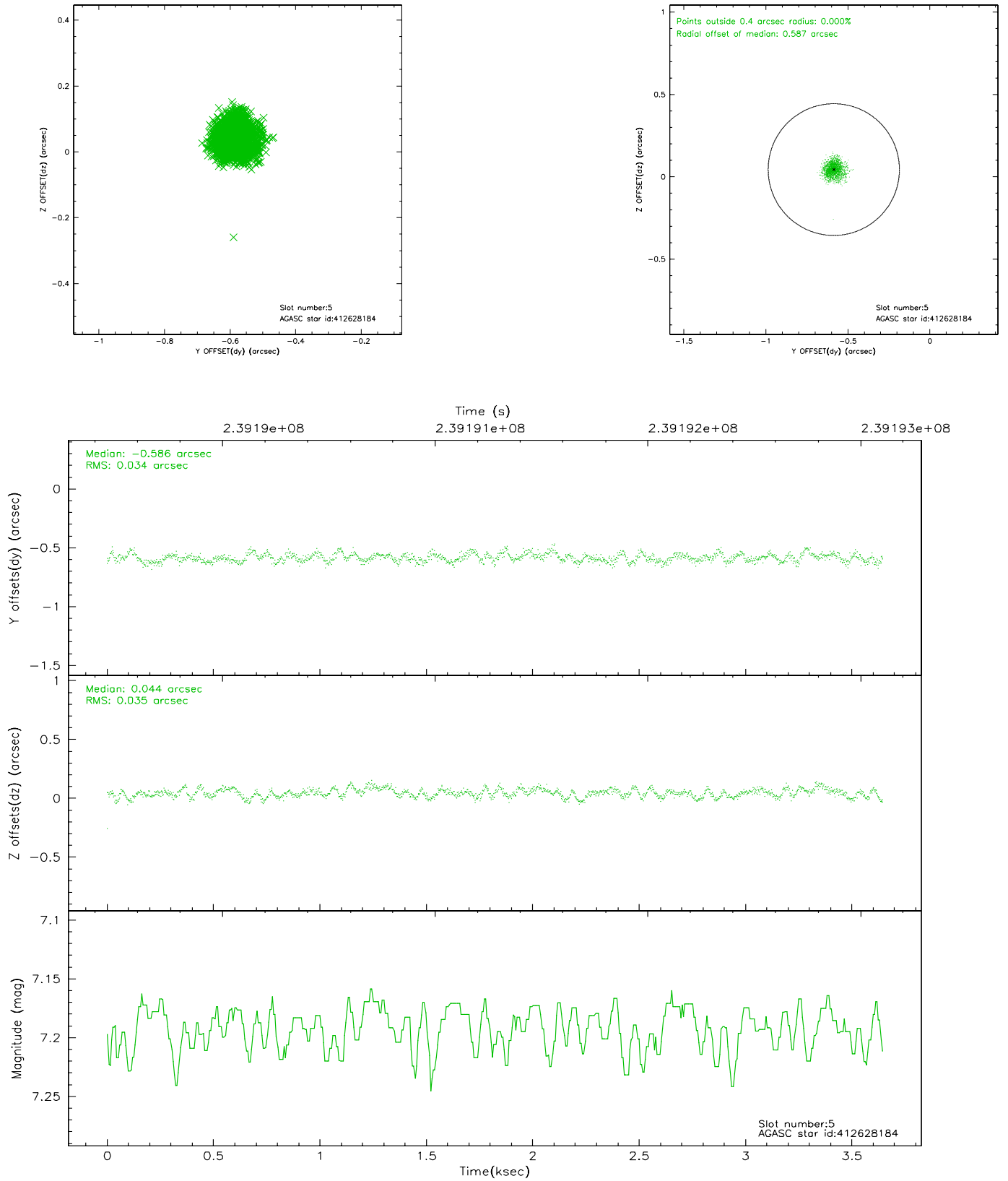
2.4.1 Slot 3



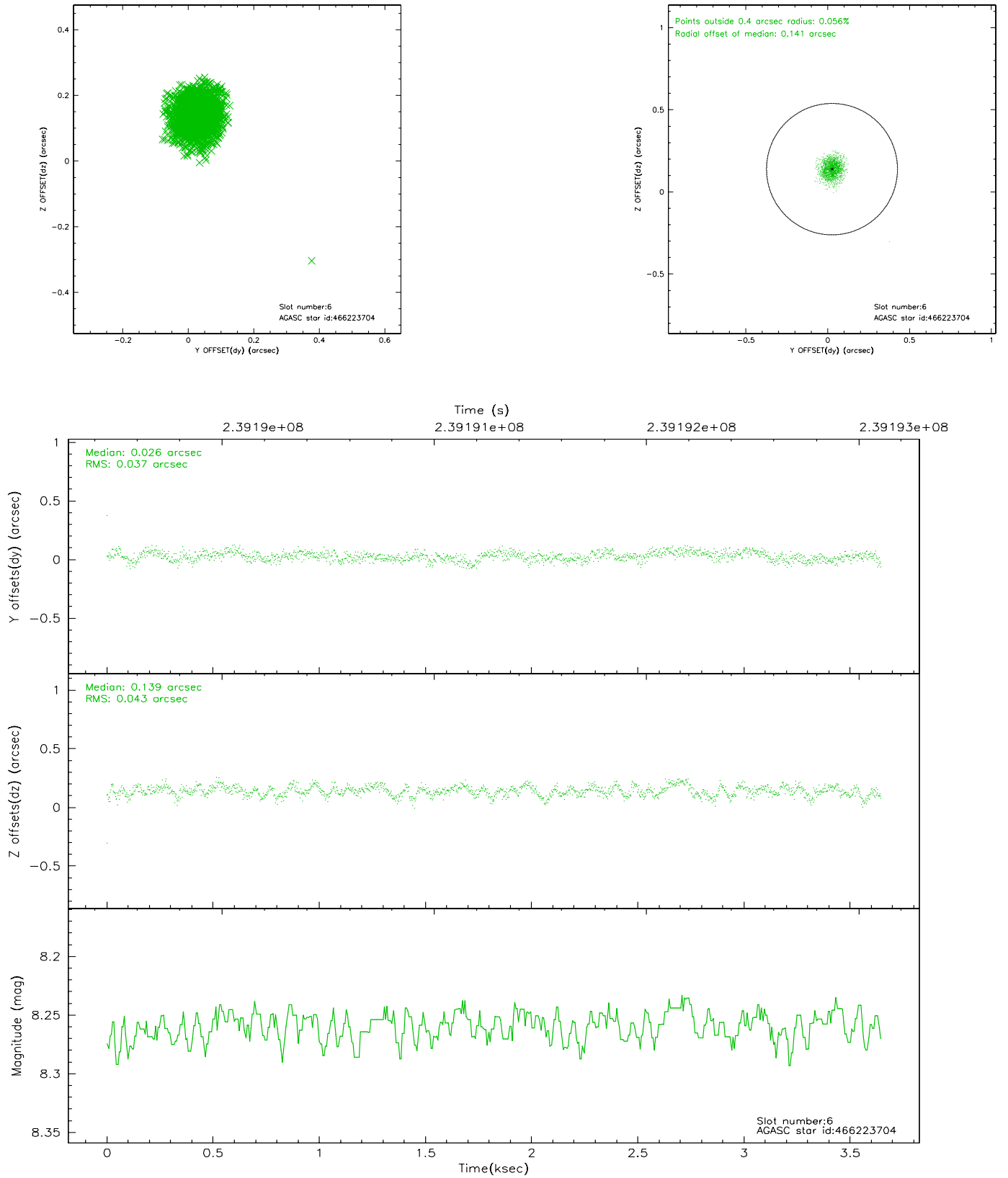
2.4.2 Slot 4



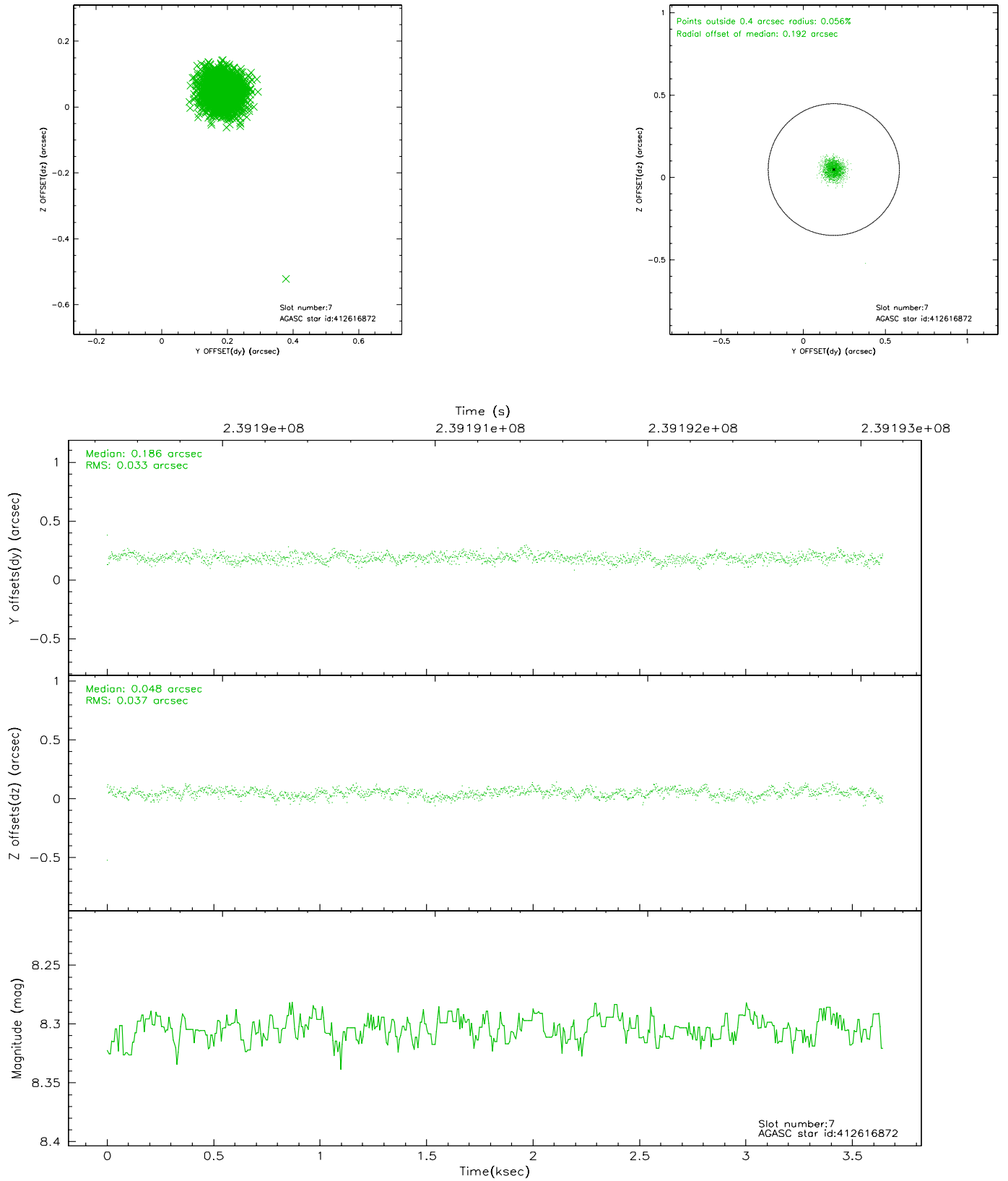
2.4.3 Slot 5



2.4.4 Slot 6

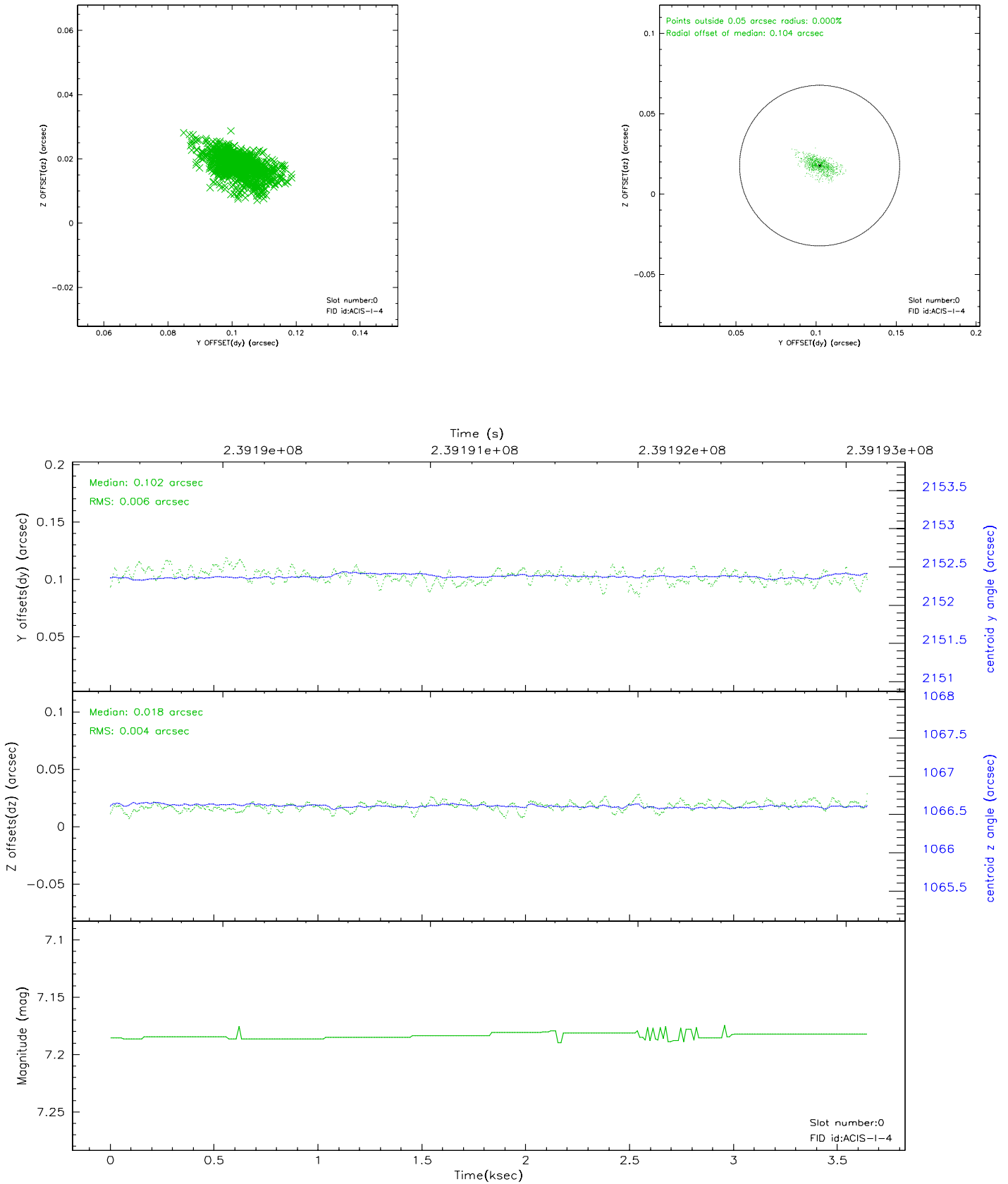


2.4.5 Slot 7

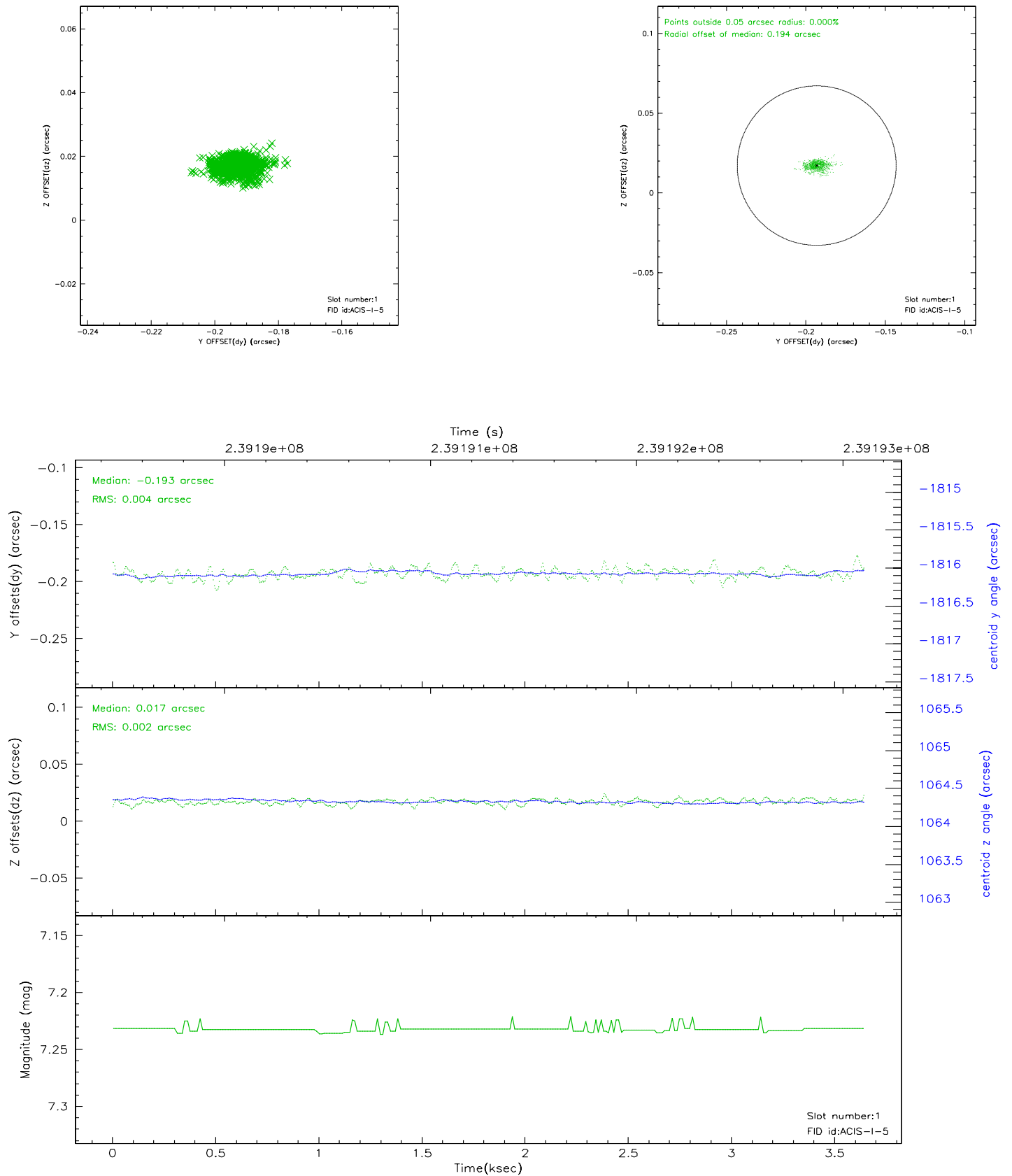


2.5 FID Slots

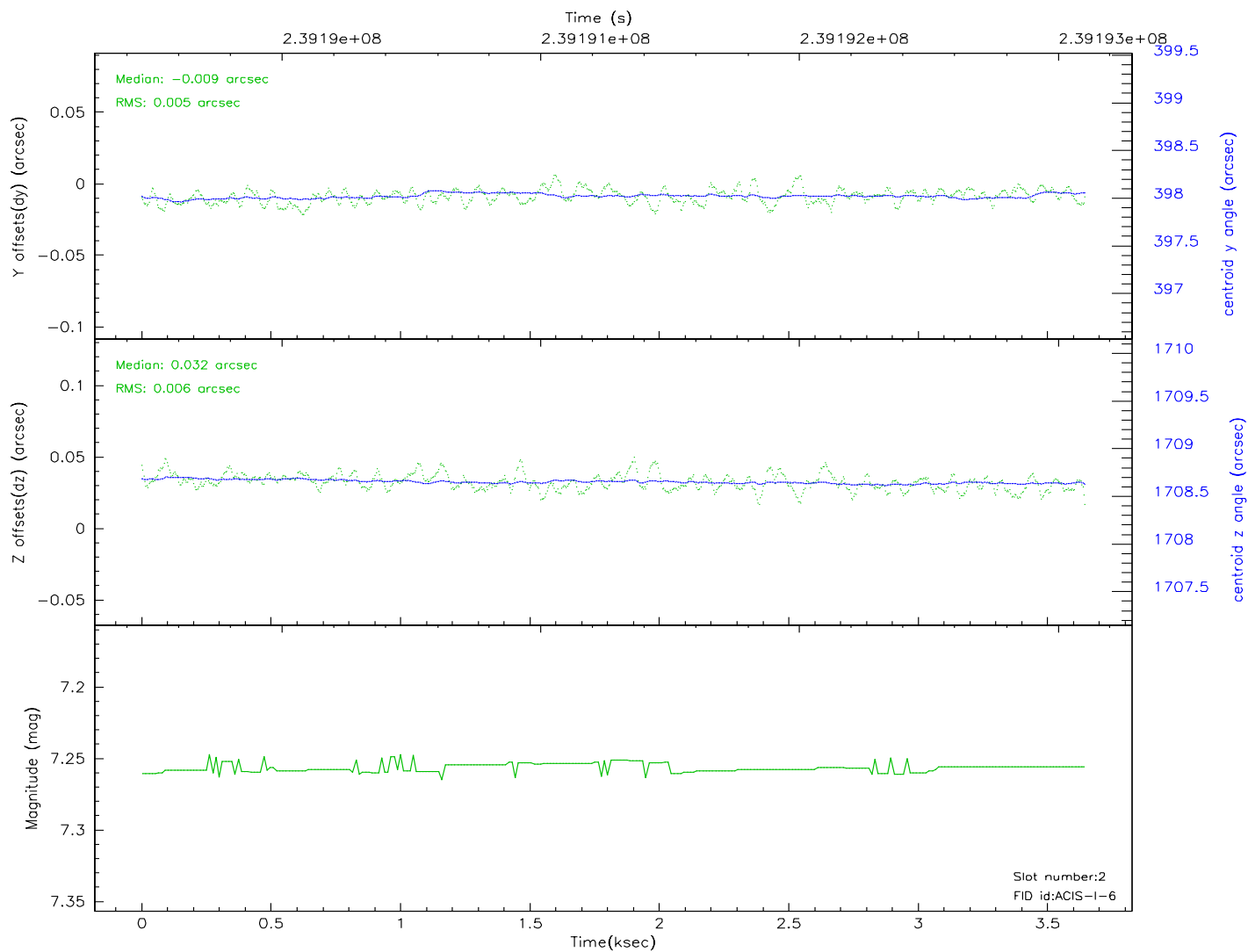
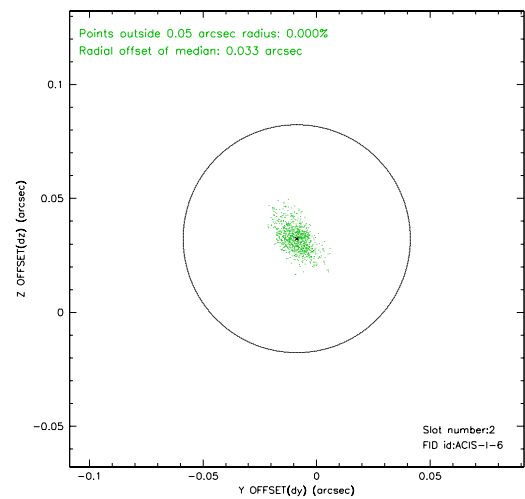
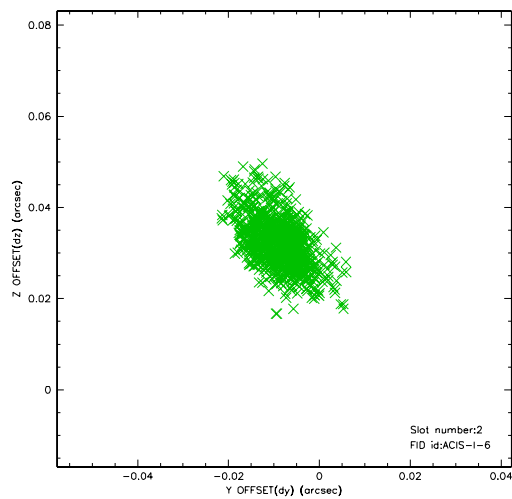
2.5.1 Slot 0



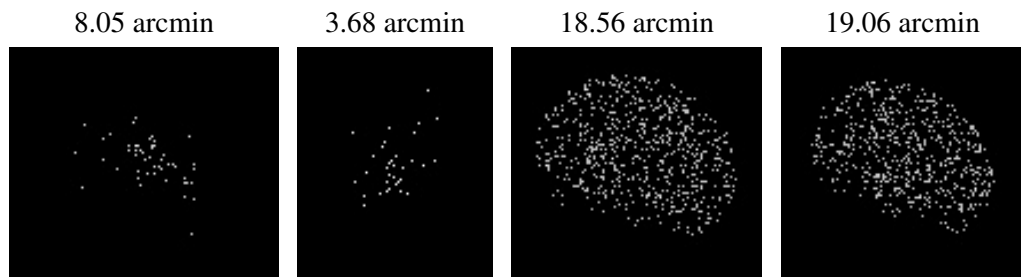
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.638

A.2 Comments