

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2930 - L2 Version 001
Chandra X-Ray Center

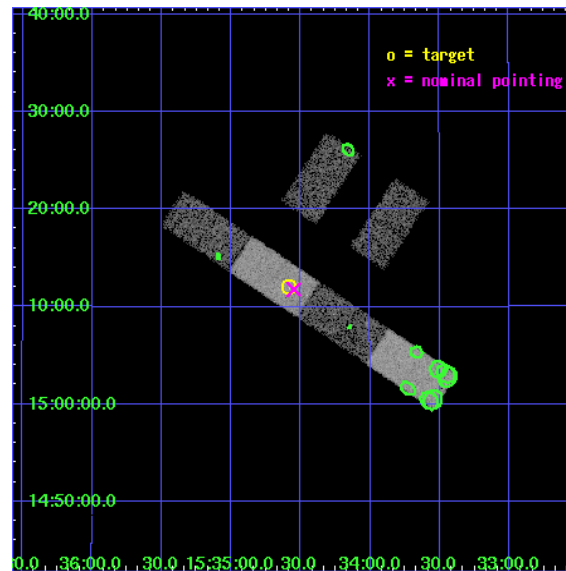
L2 Processing Date : Sep 19 2006

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1 Front

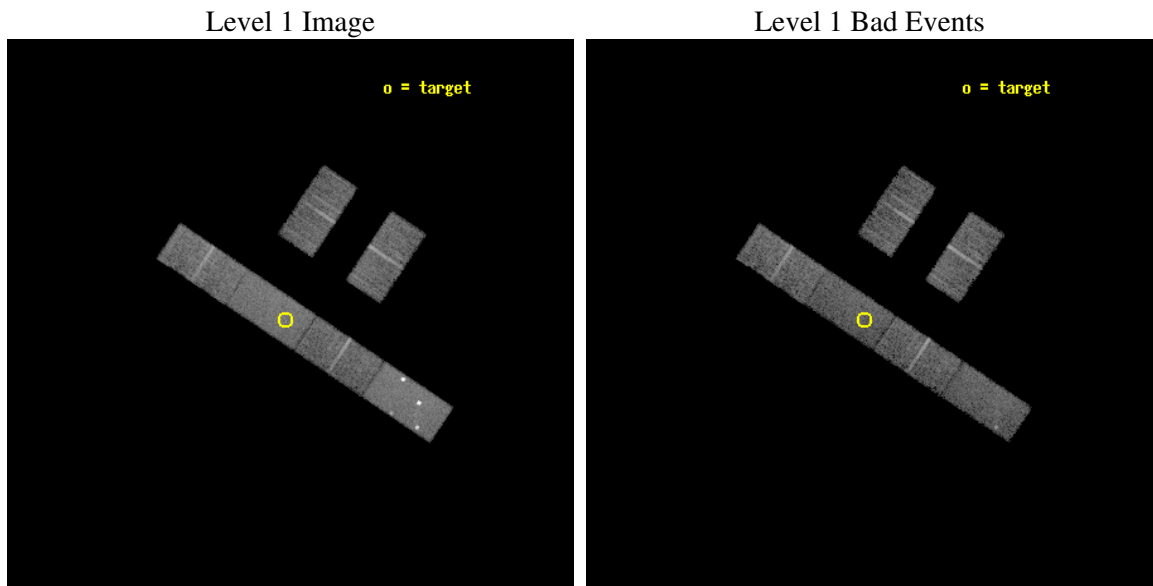
seq_num	600267
obs_id	2930
title	CHANDRA SURVEY OF GALAXIES WITH KNOWN BLACK HOLE MASSES
observer	Dr. Andrew Ptak
object	NGC 5954
dtcycle	0
cycle	P
ra_targ	233.64625
dec_targ	15.200278
ra_nom	233.63708915612
dec_nom	15.196383172742
roll_nom	213.64707839316
revision	2
ontime	10159.200067282
livetime	9932.7337380541
ontime2	10159.200067282
ontime3	10159.200067282
ontime5	10159.200067282
ontime6	10159.200067282
ontime7	10159.200067282
ontime8	10159.200067282
l2events	51603



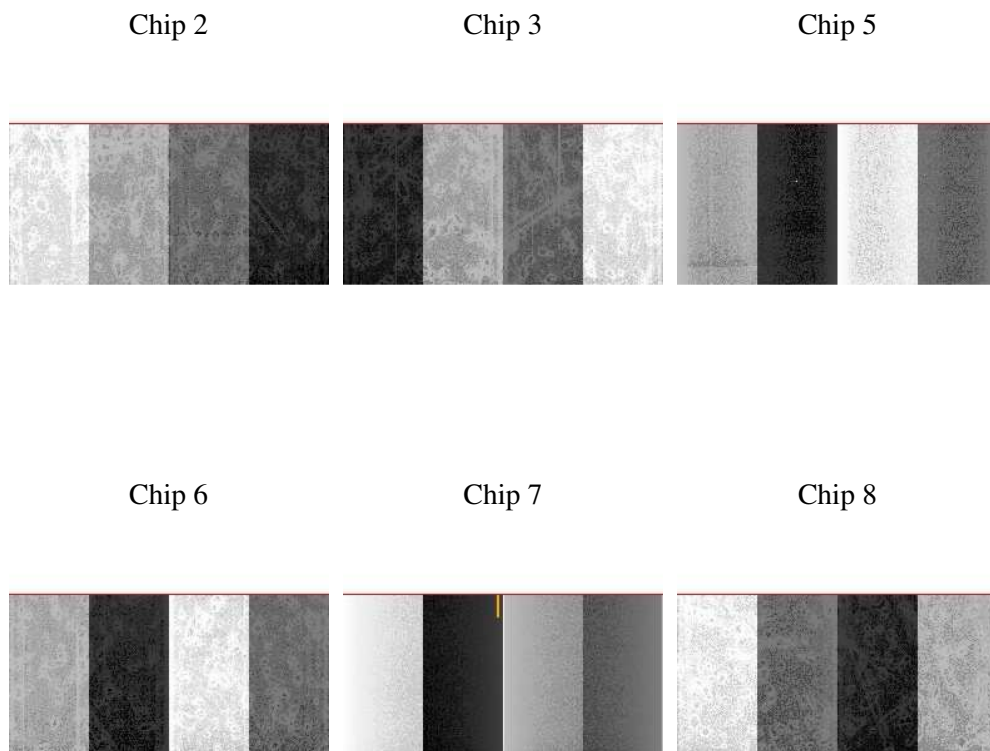
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-19T09:17:28
revision	2

sched_exp_time	10000.000000
ontime	10405.447725654
ontime2	10405.447725654
ontime3	10405.447725654
ontime5	10405.447725654
ontime6	10405.447725654
ontime7	10405.447725654
ontime8	10405.447725654
l1events	255316

2.1.4 Events

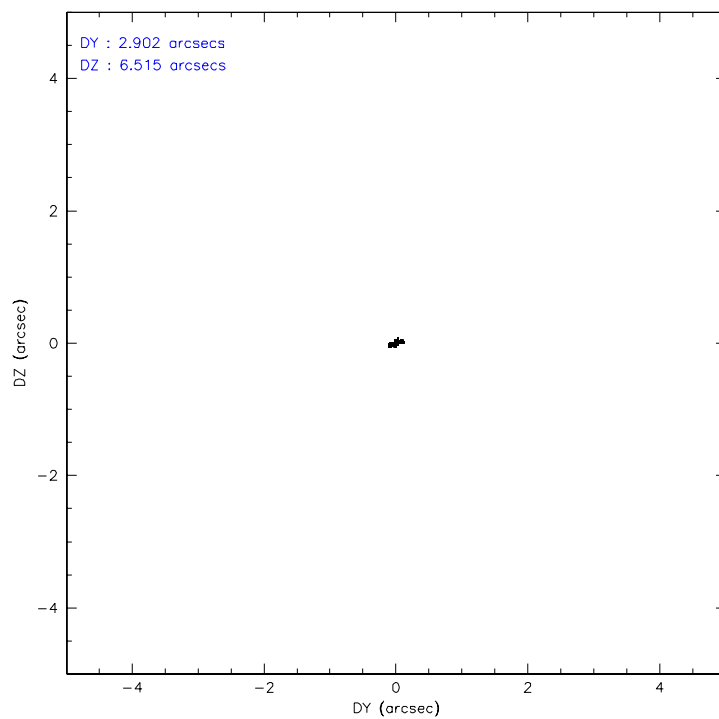
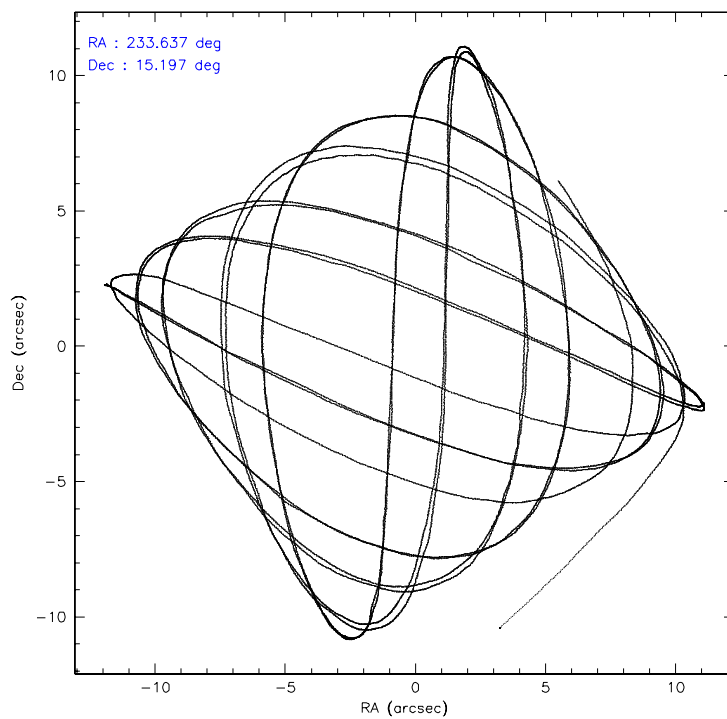
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	38053	33815	59928	34300	45071	44149
rejected events	34056	29951	27943	30113	27006	35520
rejected %	89%	88%	46%	87%	59%	80%

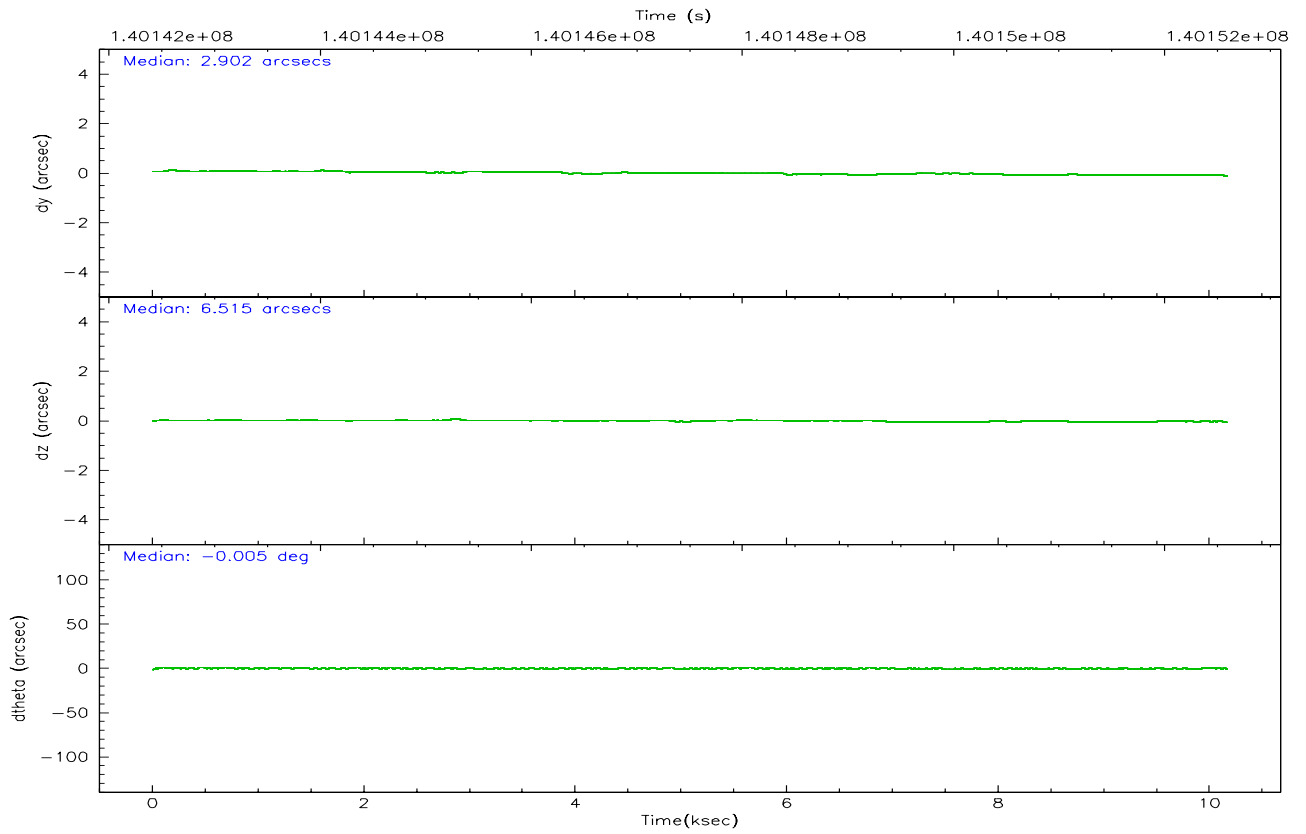
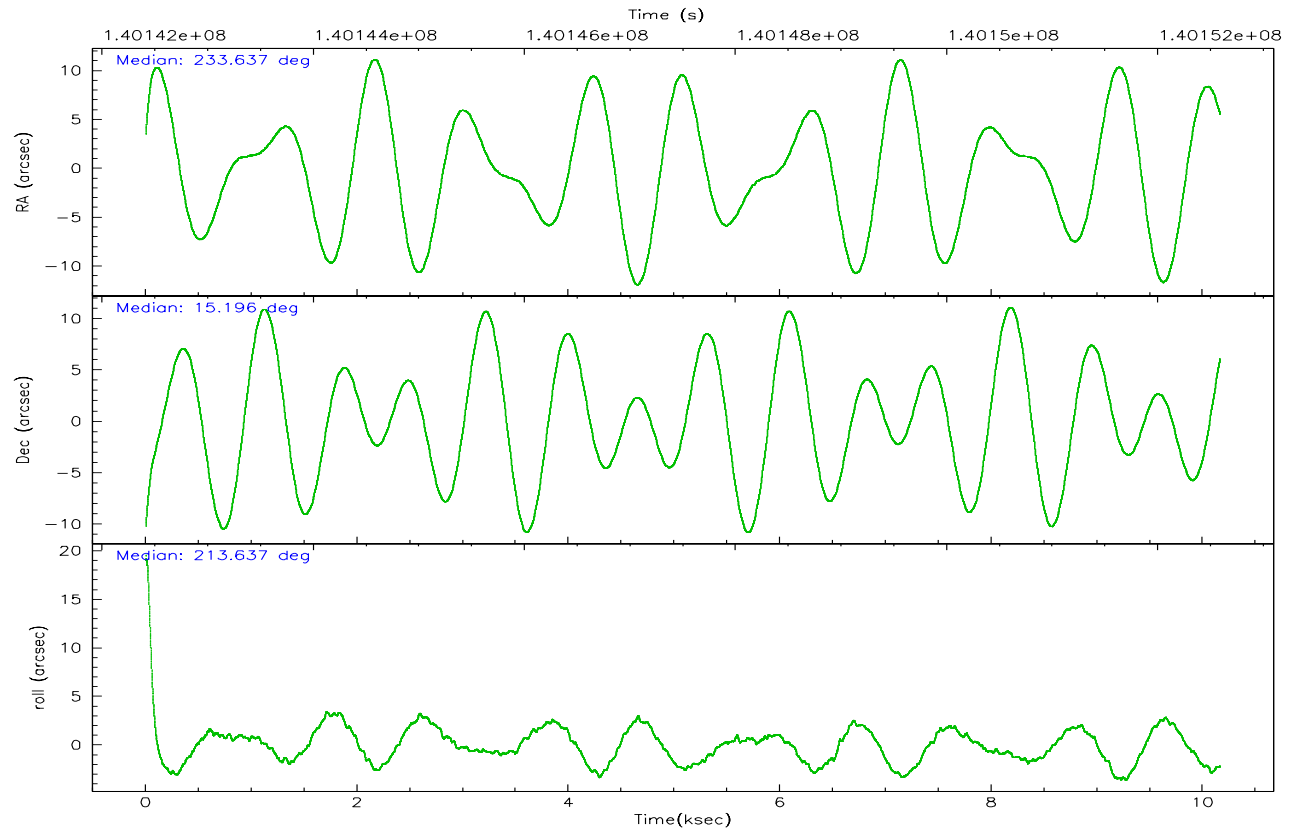
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1674	1669	12026	1806	1570	2804
	4%	4%	20%	5%	3%	6%
grade 1 events	8	12	59	10	26	20
	0%	0%	0%	0%	0%	0%
grade 2 events	823	748	7512	766	4461	1784
	2%	2%	12%	2%	9%	4%
grade 3 events	461	444	696	478	1182	1027
	1%	1%	1%	1%	2%	2%
grade 4 events	447	461	596	475	1191	900
	1%	1%	0%	1%	2%	2%
grade 5 events	1308	1257	2590	1461	3092	1809
	3%	3%	4%	4%	6%	4%
grade 6 events	681	648	11909	743	10081	2321
	1%	1%	19%	2%	22%	5%
grade 7 events	32651	28576	24540	28561	23468	33484
	85%	84%	40%	83%	52%	75%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	233.649248	233.6370891561236	Subarray requested	1/2	1/2
Pointing Dec	15.220978	15.19638317274161	Subarray start row	0	257
Pointing Roll	213.487236	213.6470783931618	Subarray row count	1024	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.8
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	140142586.184000	140141620.76324			
Observation start date	2002-06-11T00:28:42	2002-06-11T00:13:40			
Observation end time	140152586.184000	140153525.62623			
Observation end date	2002-06-11T03:15:22	2002-06-11T03:32:05			
Read mode	TIMED	TIMED			

2.3 Aspect



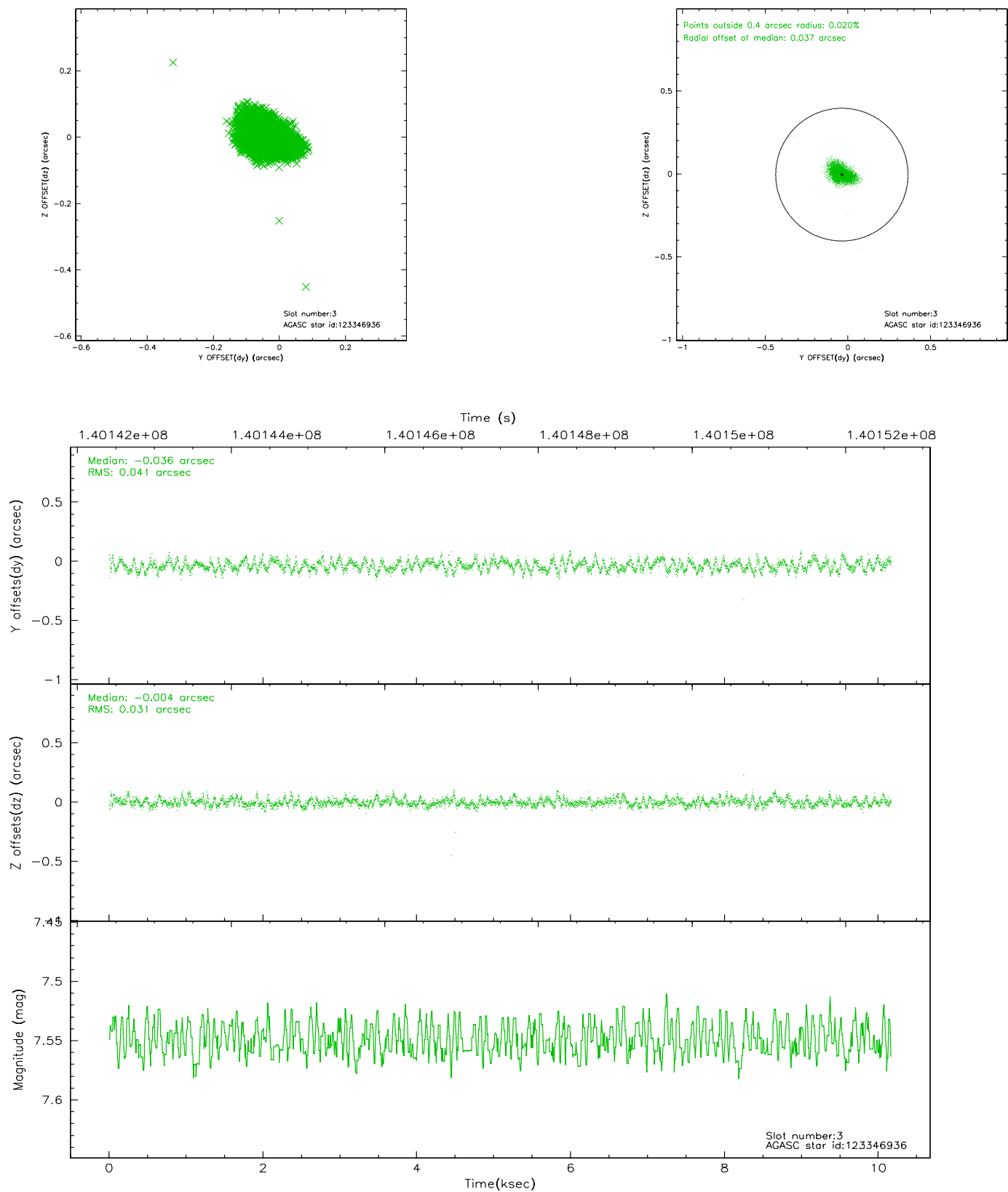


Slot Statistics

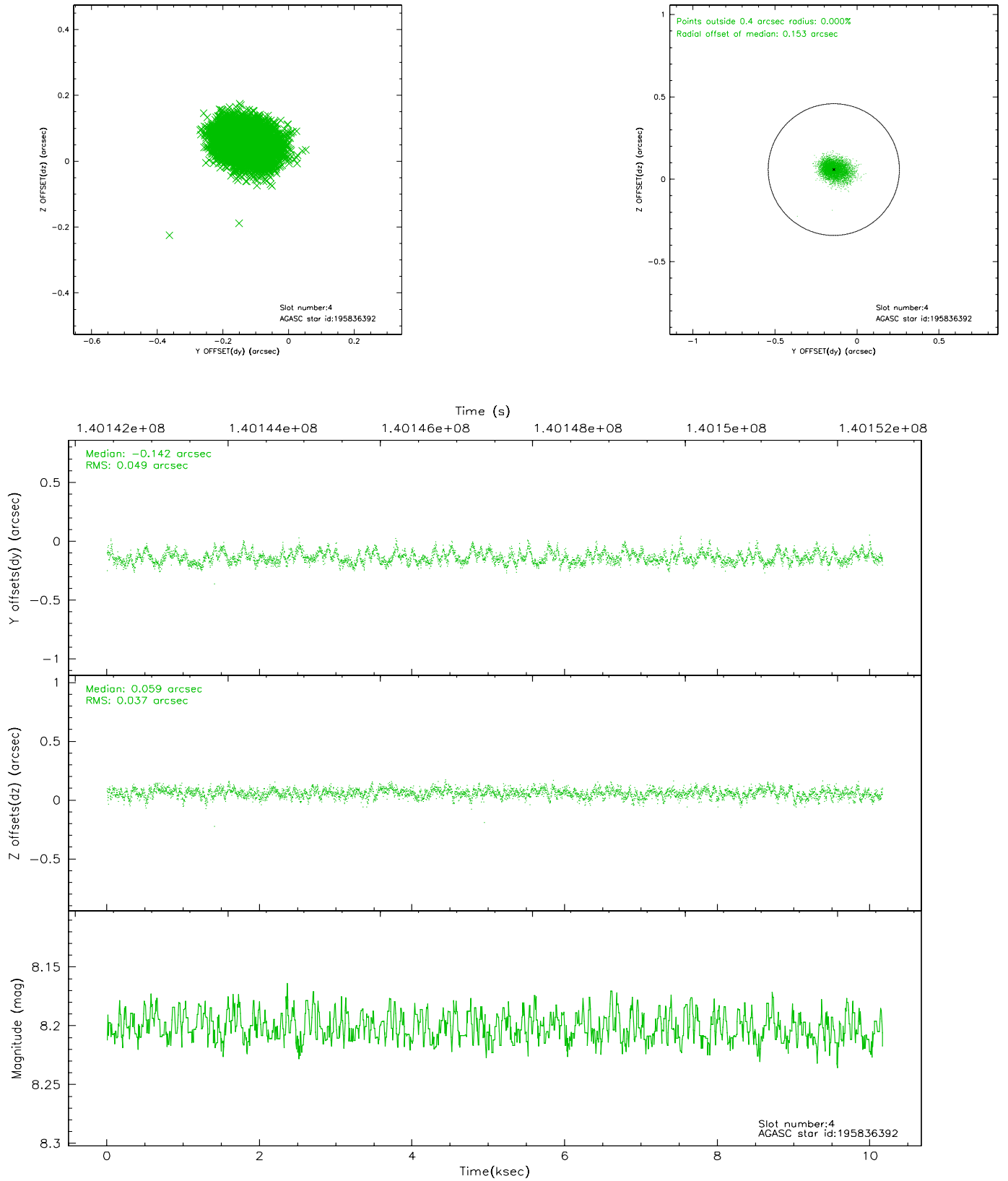
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2479	-0.017	0.033	0.006	0.010	0.000000	0.000000	-755.53	-1727.59
1	FID	ACIS-S-4	7.21	2479	-0.055	-0.001	0.005	0.008	0.000000	0.000000	2157.44	180.37
2	FID	ACIS-S-5	7.24	2479	0.041	-0.023	0.006	0.010	0.000000	0.000000	-1807.68	174.54
3	GUIDE	123346936	7.55	4959	-0.036	-0.004	0.054	0.088	234.177396	14.924785	-945.53	1901.35
4	GUIDE	195836392	8.20	4958	-0.142	0.059	0.064	0.108	233.098498	15.623872	790.92	-2264.24
5	GUIDE	195828816	8.64	4959	0.078	-0.161	0.062	0.101	233.538121	15.057744	646.48	276.68
6	GUIDE	195830320	8.93	4956	0.042	0.060	0.081	0.129	233.020814	15.074293	2111.76	-766.68
7	GUIDE	195825568	9.44	4956	0.054	0.043	0.110	0.174	232.942550	15.135528	2216.37	-1101.13

2.4 Star Slots

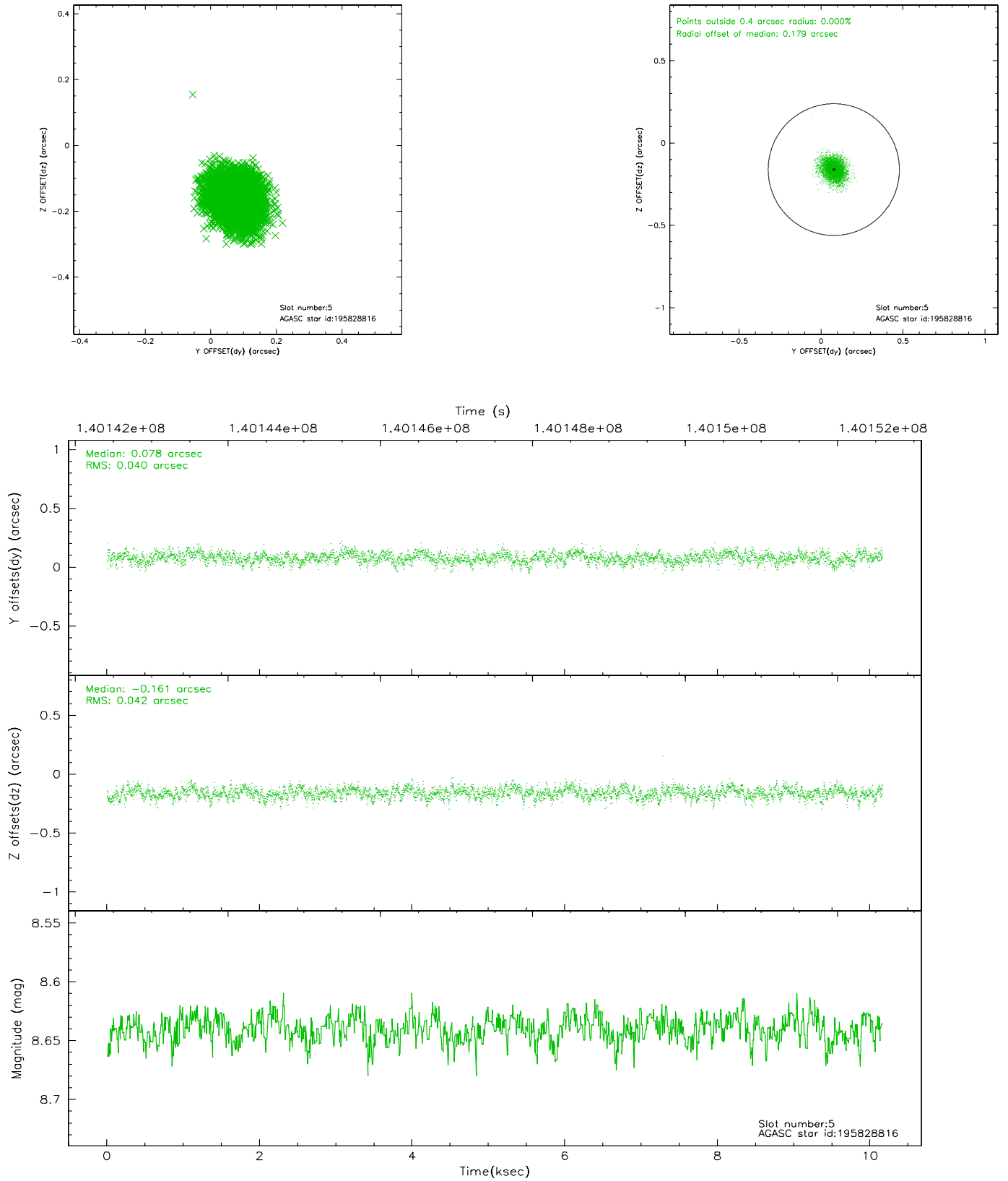
2.4.1 Slot 3



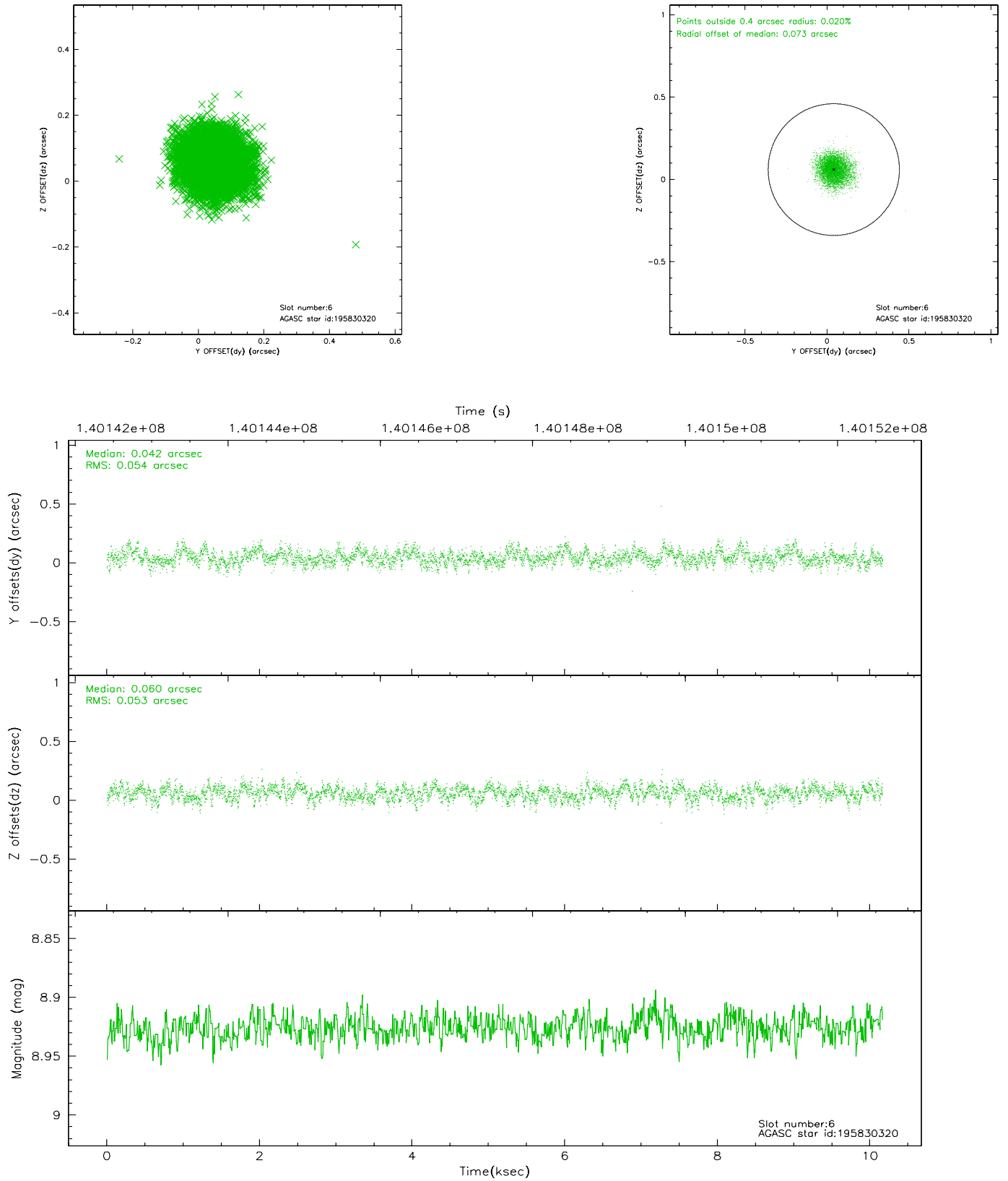
2.4.2 Slot 4



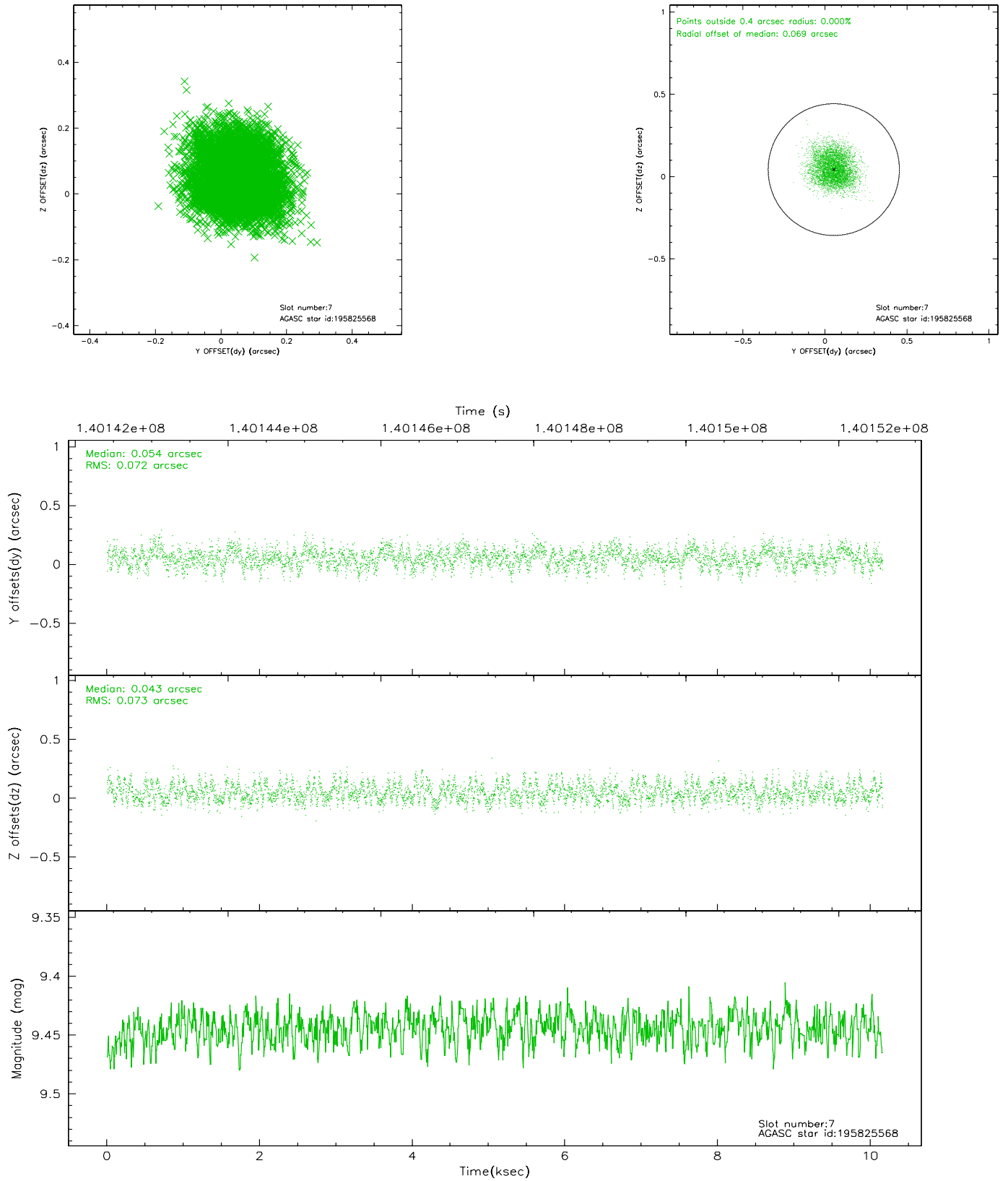
2.4.3 Slot 5



2.4.4 Slot 6

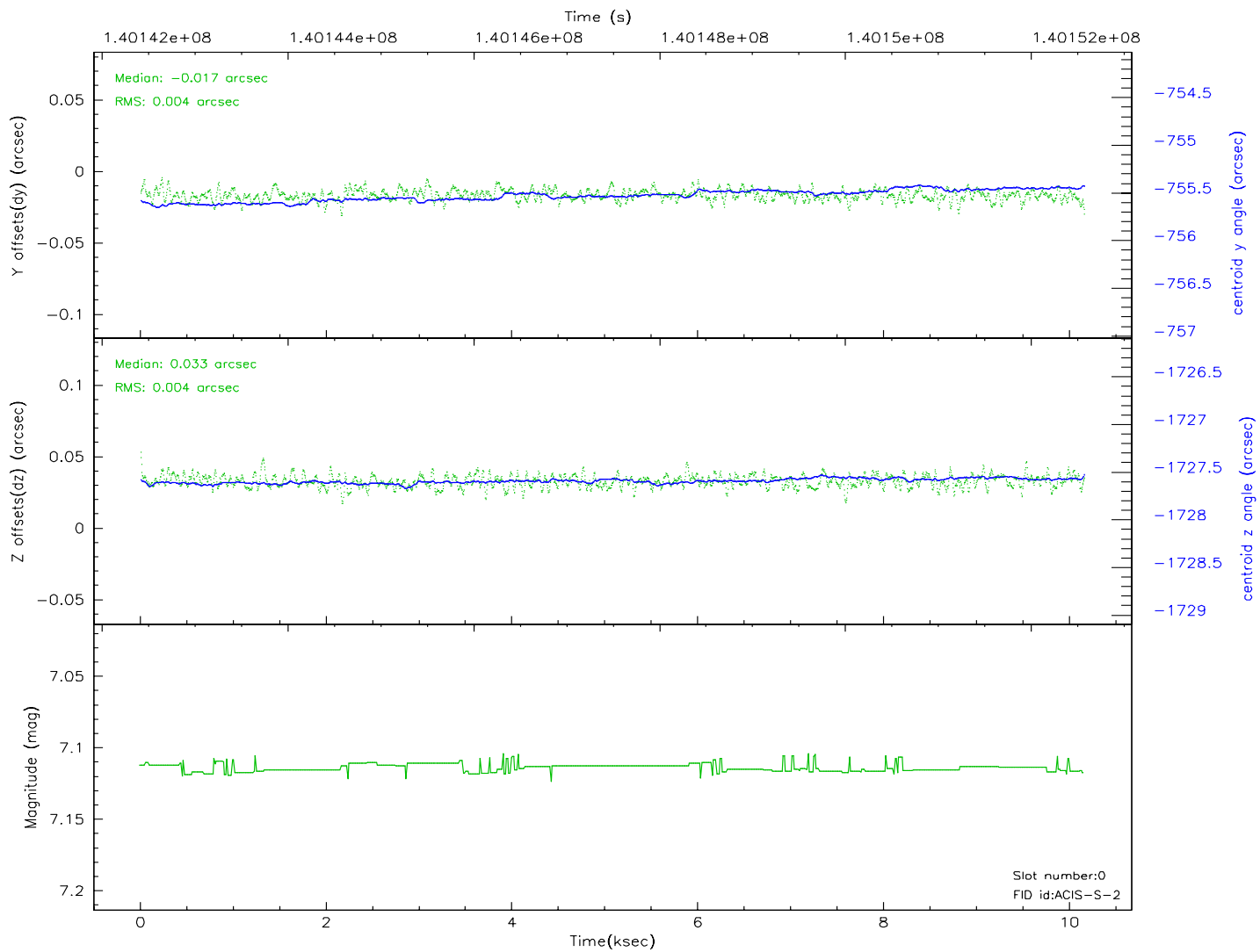
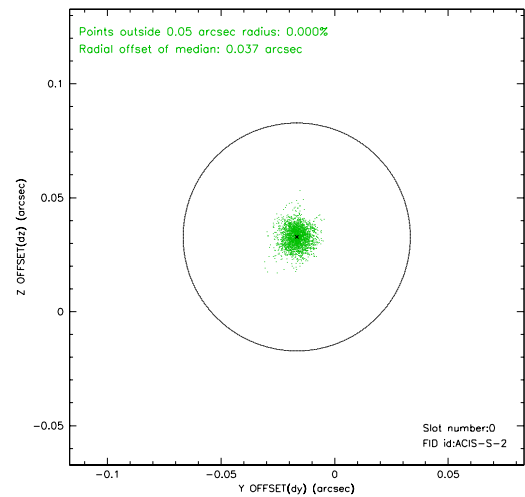
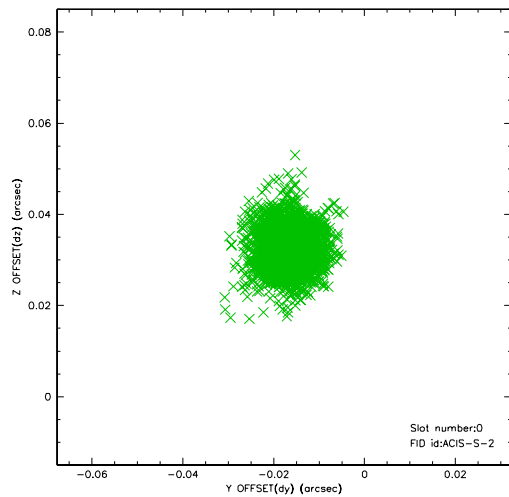


2.4.5 Slot 7

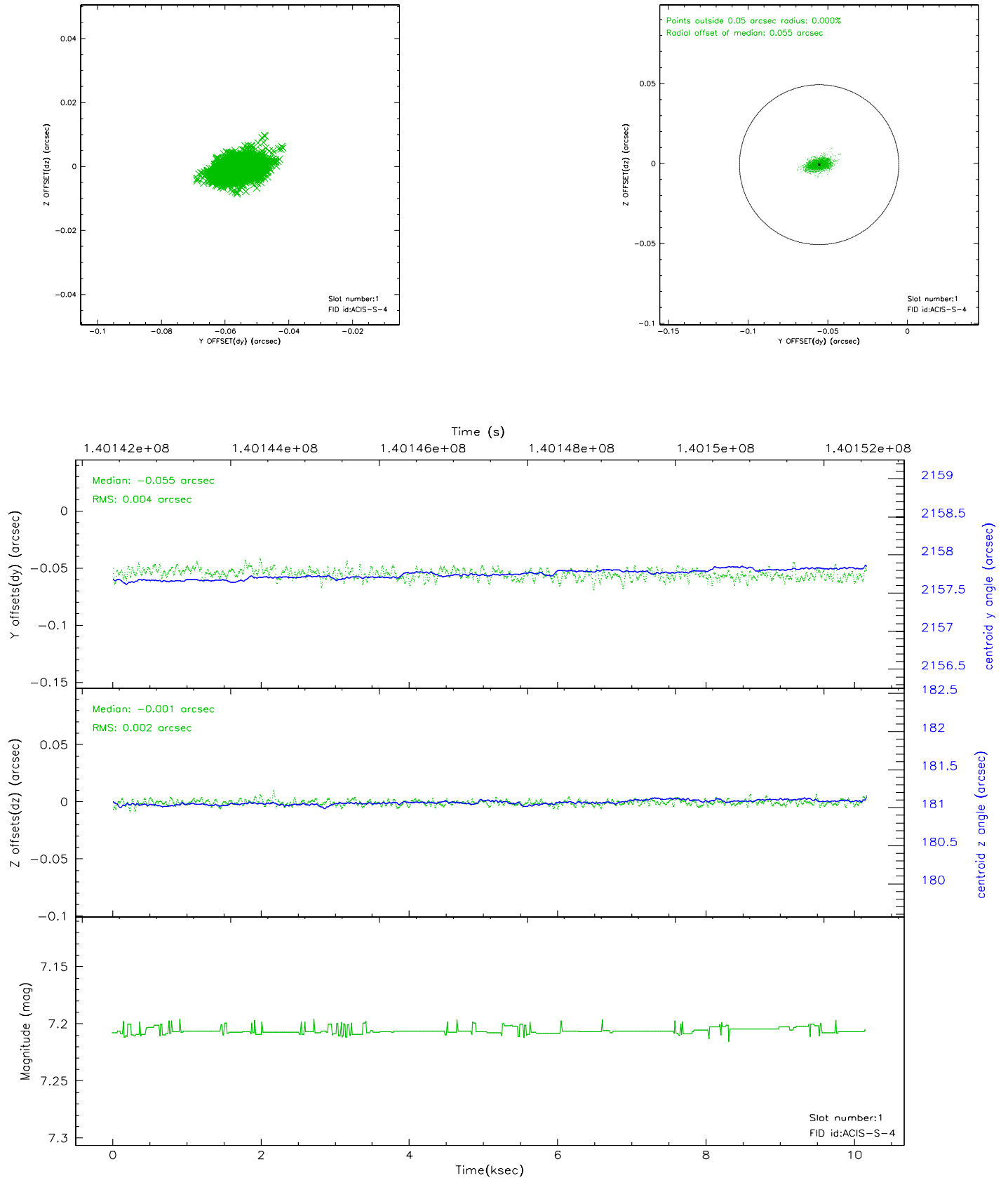


2.5 FID Slots

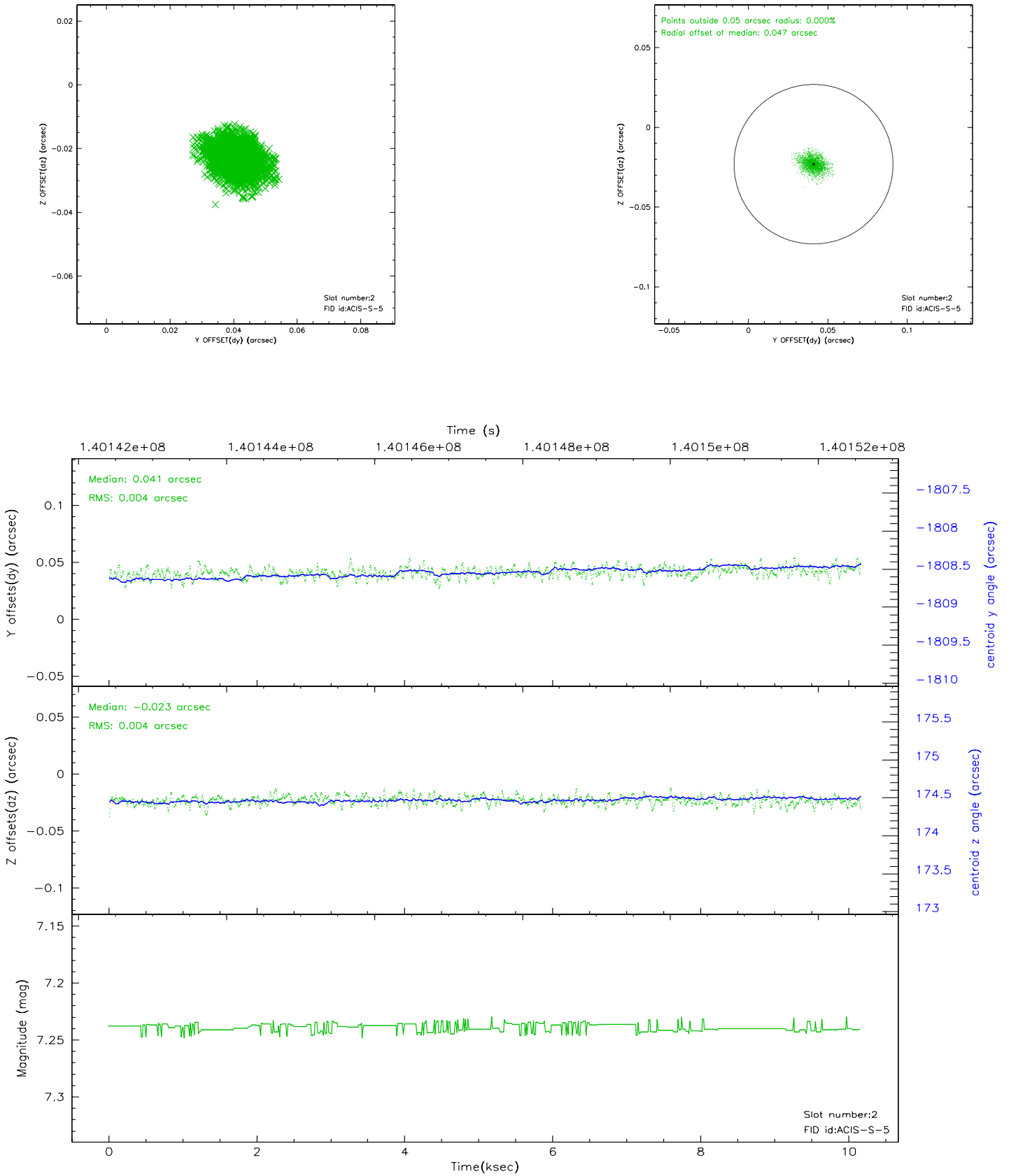
2.5.1 Slot 0



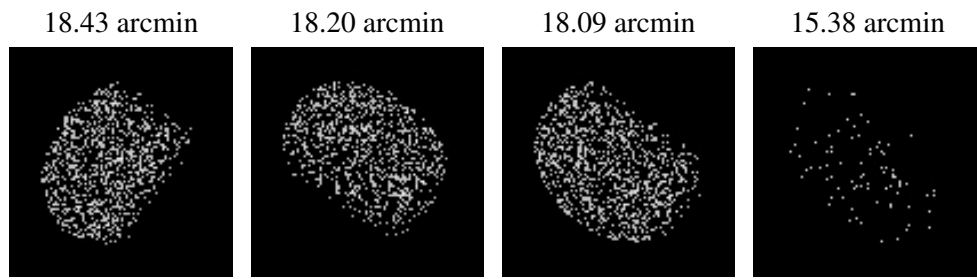
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.159

A.2 Comments