

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4043 - L2 Version 001
Chandra X-Ray Center

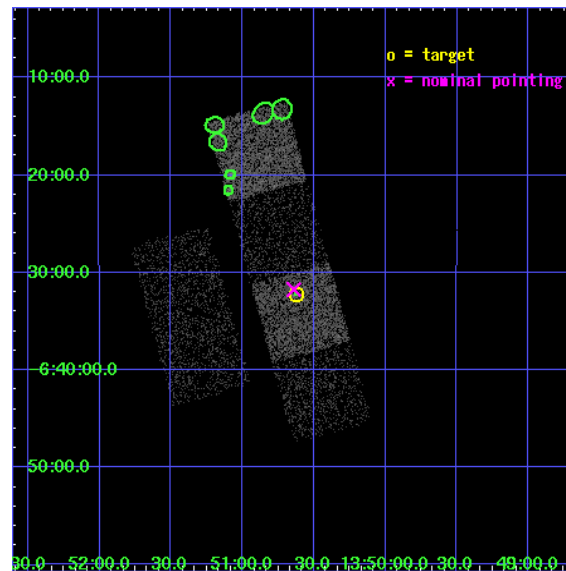
L2 Processing Date : Jul 22 2006

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1 Front

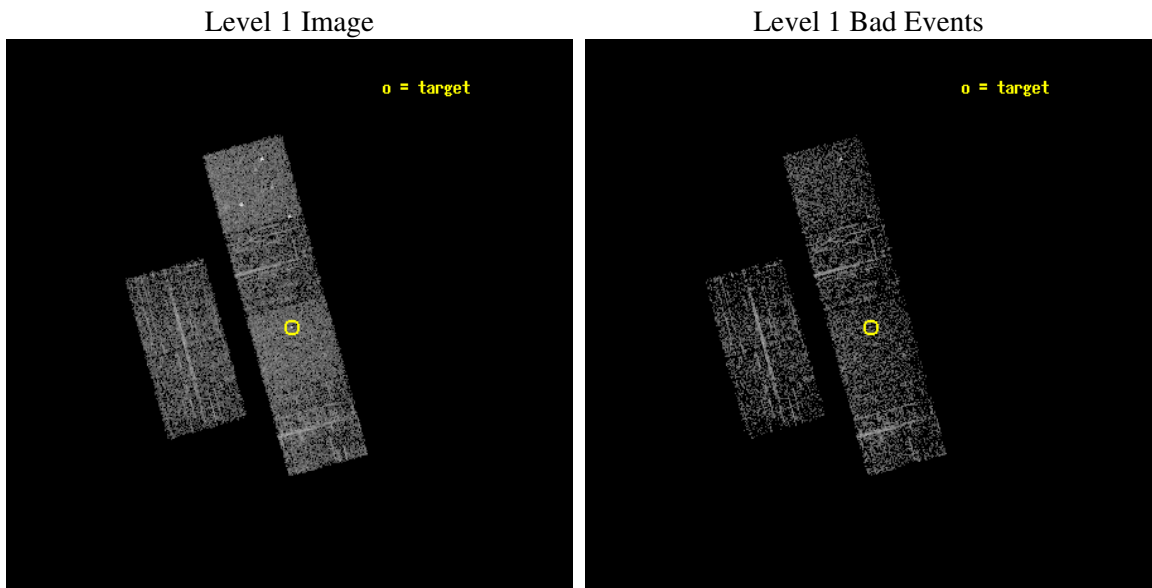
seq_num	700722
obs_id	4043
title	WHY DO WE SEE BROAD LINES IN X-RAY ABSORBED AGN?
observer	Dr. BELINDA WILKES
object	2MASS135037-063216
dtcycle	0
cycle	P
ra_targ	207.655833
dec_targ	-6.537639
ra_nom	207.6600492491
dec_nom	-6.529099699186
roll_nom	74.652668126575
revision	2
ontime	1564.7999941707
livetime	1544.985554435
ontime2	1564.7999941707
ontime3	1564.7999941707
ontime5	1564.7999941707
ontime6	1564.7999941707
ontime7	1564.7999941707
ontime8	1564.7999941707
l2events	15582



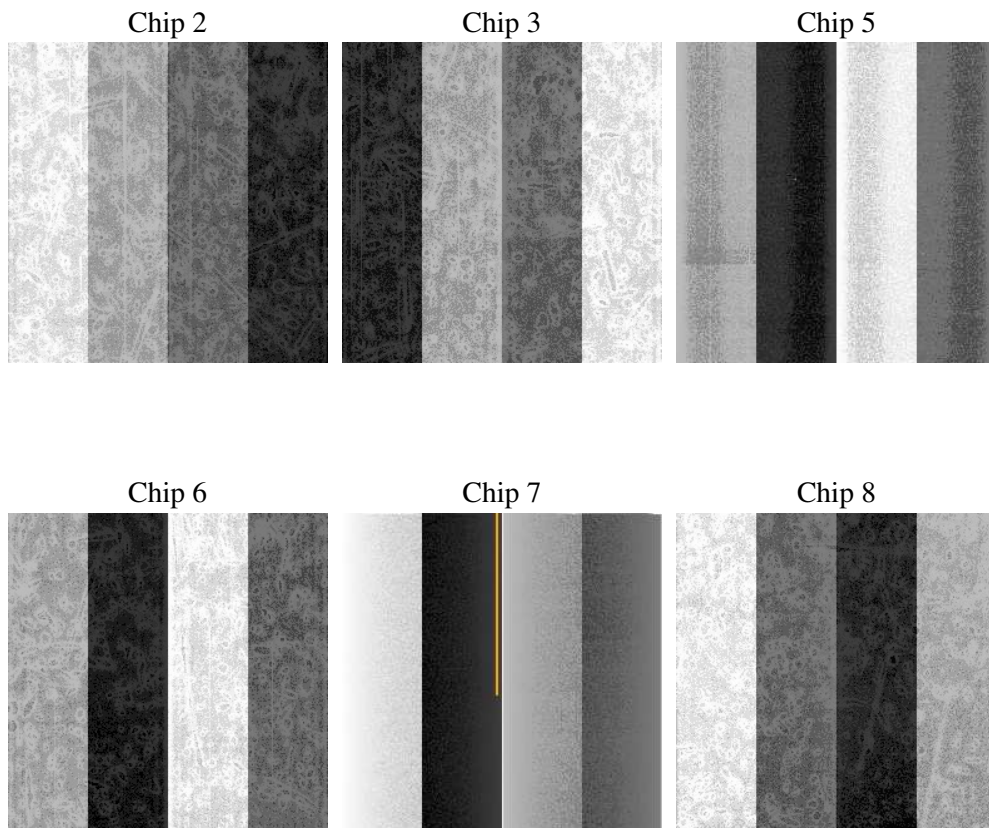
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-22T15:34:38
revision	2

sched_exp_time	1600.000000
ontime	1571.8863963187
ontime2	1571.8863963187
ontime3	1571.8863963187
ontime5	1571.8863963187
ontime6	1571.8863963187
ontime7	1571.8863963187
ontime8	1571.8863963187
l1events	72011

2.1.4 Events

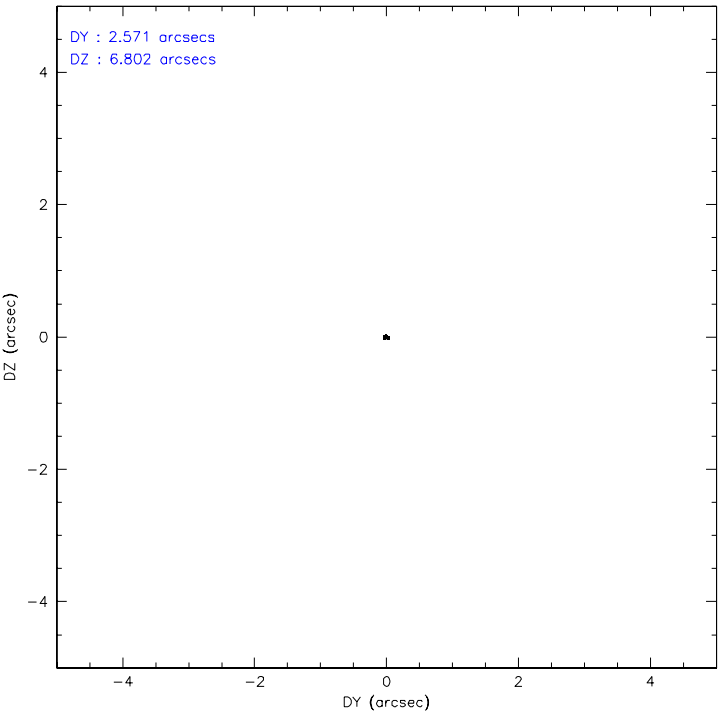
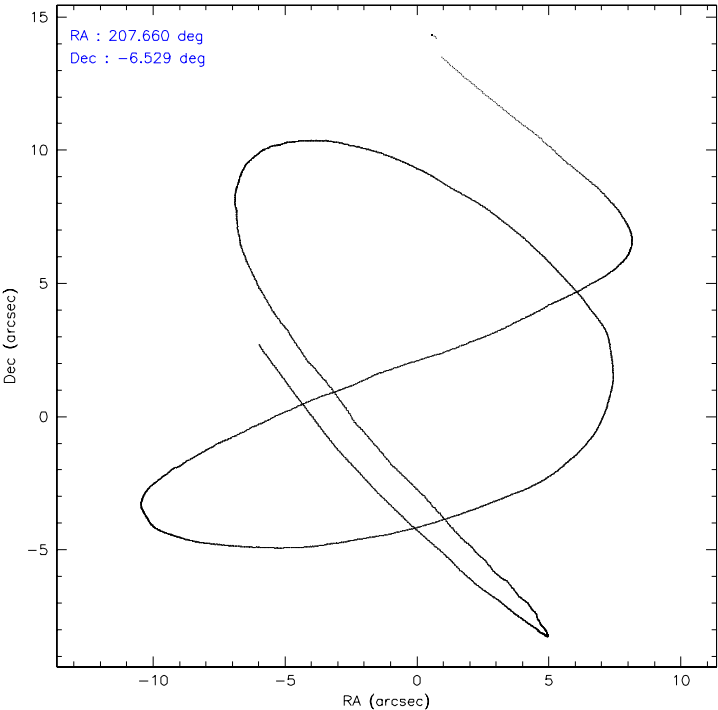
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	9928	9371	15708	10148	14127	12729
rejected events	8746	8244	8506	8964	8676	9983
rejected %	88%	87%	54%	88%	61%	78%

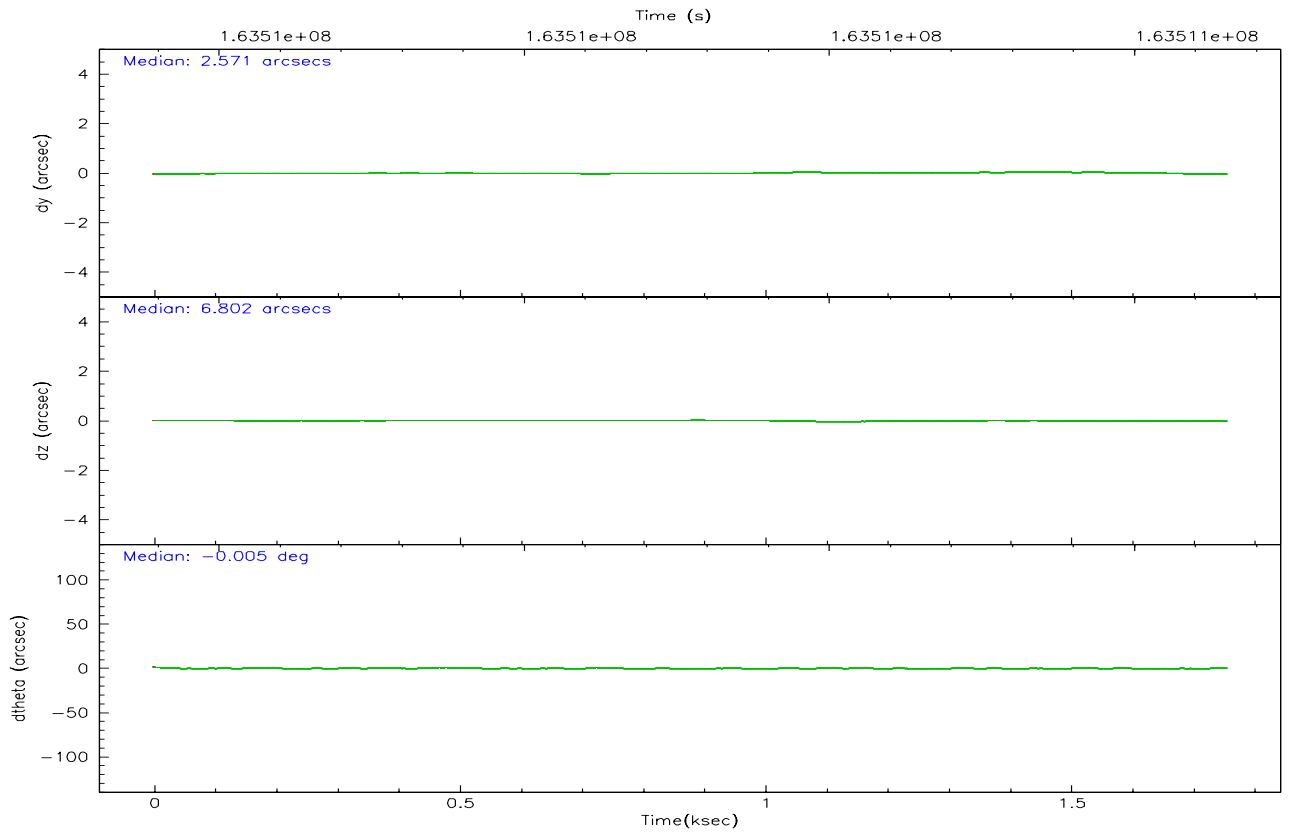
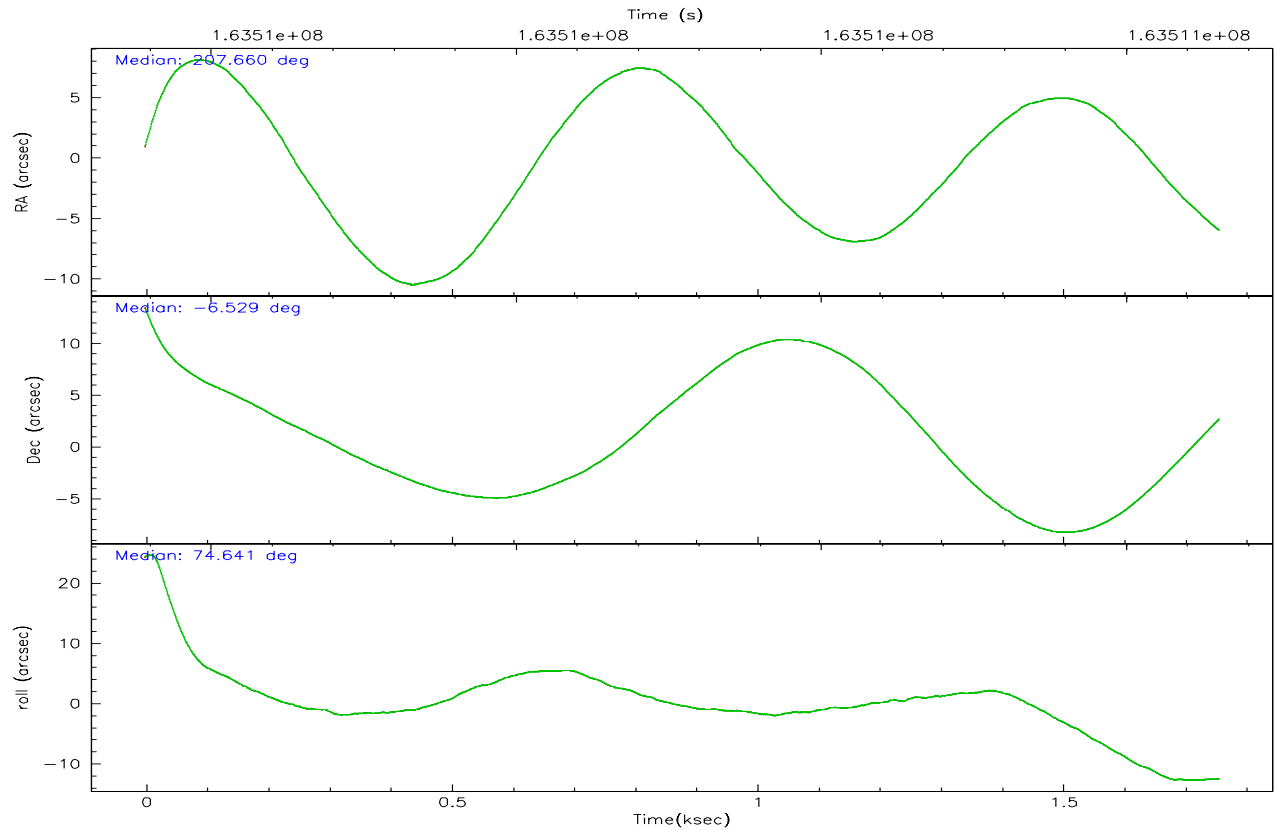
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	549	496	970	481	418	818
	5%	5%	6%	4%	2%	6%
grade 1 events	7	6	50	7	13	6
	0%	0%	0%	0%	0%	0%
grade 2 events	215	236	2285	236	1284	612
	2%	2%	14%	2%	9%	4%
grade 3 events	131	108	189	101	315	290
	1%	1%	1%	0%	2%	2%
grade 4 events	122	108	183	136	303	262
	1%	1%	1%	1%	2%	2%
grade 5 events	360	452	806	465	924	581
	3%	4%	5%	4%	6%	4%
grade 6 events	169	182	3598	235	3151	768
	1%	1%	22%	2%	22%	6%
grade 7 events	8375	7783	7627	8487	7719	9392
	84%	83%	48%	83%	54%	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	207.667310	207.6600492490977	Alternating exposures requested	N	N
Pointing Dec	-6.555154	-6.52909969918598	Primary exposure time	0.000000	3.2
Pointing Roll	74.496633	74.65266812657485			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	163509546.184000	163508582.60814			
Observation start date	2003-03-08T11:18:02	2003-03-08T11:03:02			
Observation end time	163511146.184000	163511606.87077			
Observation end date	2003-03-08T11:44:42	2003-03-08T11:53:26			
Read mode	TIMED	TIMED			

2.3 Aspect



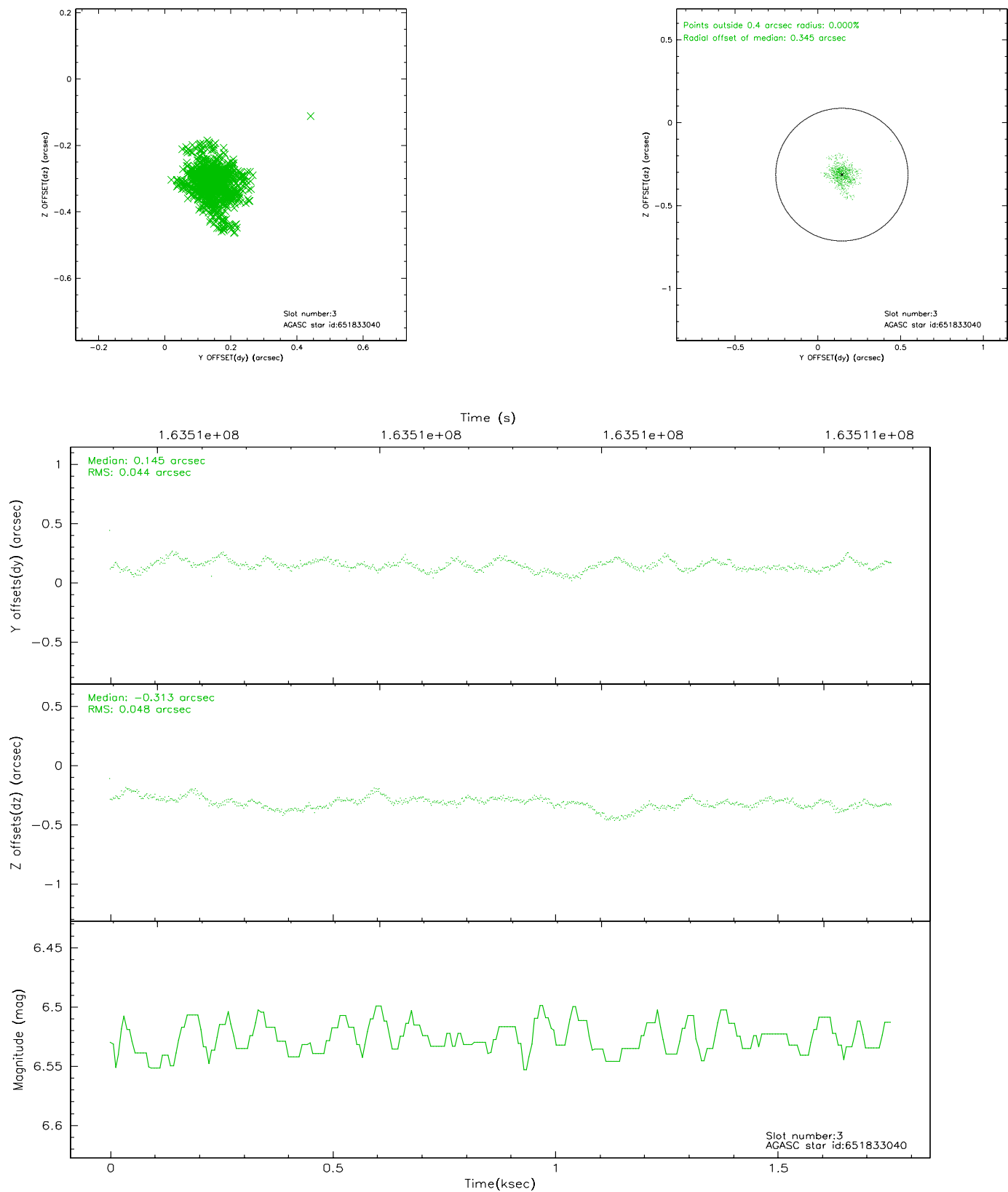


Slot Statistics

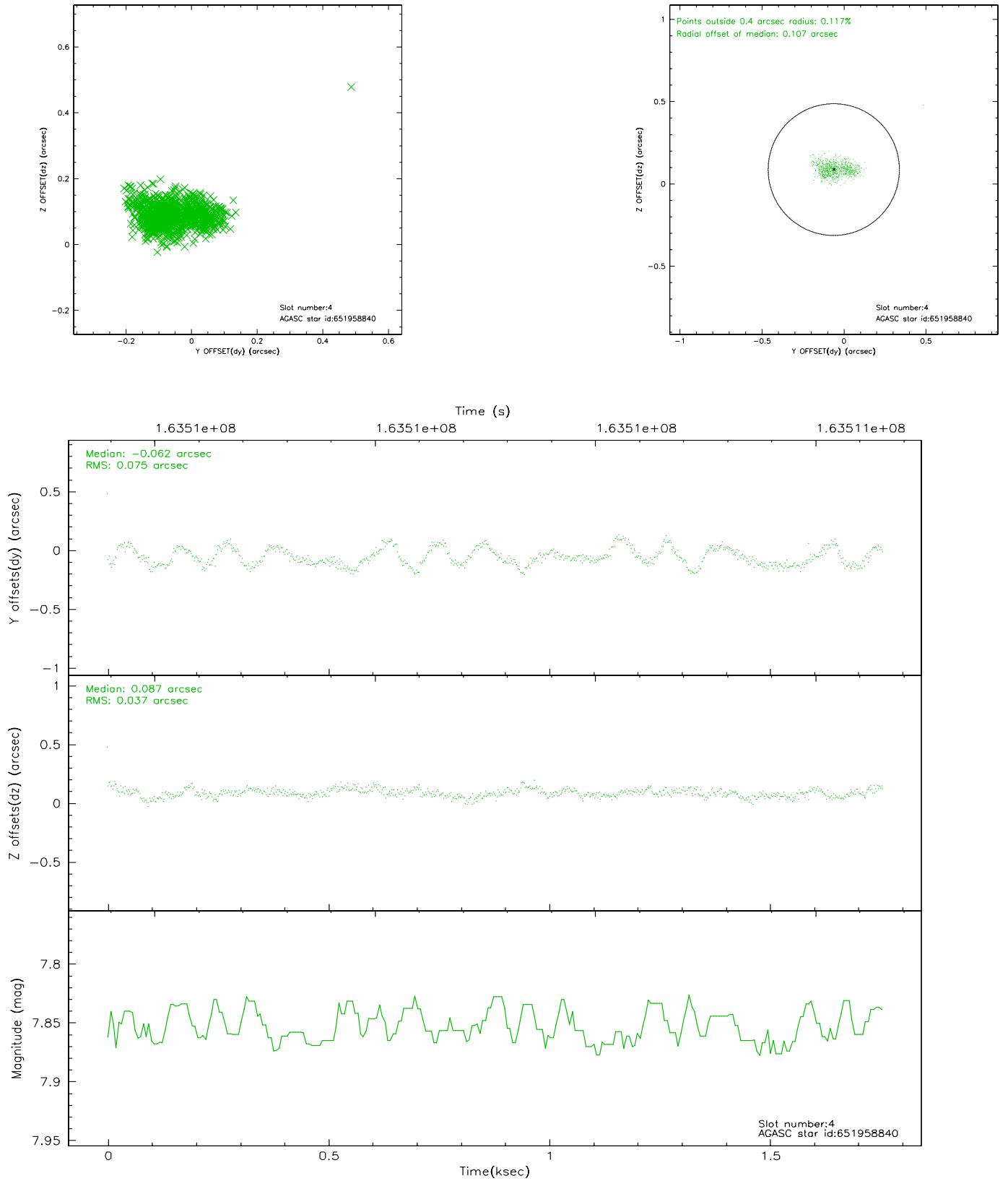
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	429	-0.026	0.024	0.007	0.011	0.000000	0.000000	-755.21	-1727.90
1	FID	ACIS-S-4	7.21	429	-0.044	0.006	0.006	0.009	0.000000	0.000000	2156.34	176.73
2	FID	ACIS-S-5	7.23	429	0.038	-0.021	0.006	0.010	0.000000	0.000000	-1803.18	174.60
3	GUIDE	651833040	6.53	858	0.145	-0.313	0.066	0.118	207.074945	-6.837381	-1545.85	1768.29
4	GUIDE	651958840	7.85	858	-0.062	0.087	0.087	0.139	208.408852	-6.188039	1980.27	-2202.04
5	BAD	651960008	10.27	813	-0.265	-0.131	0.119	0.204	207.782098	-6.403885	637.52	-252.11
6	GUIDE	651954832	9.94	854	0.175	0.299	0.125	0.210	208.165449	-7.253673	-1946.47	-2386.36
7	GUIDE	651954856	9.05	856	-0.007	0.059	0.073	0.118	208.225677	-6.488549	762.72	-1862.95

2.4 Star Slots

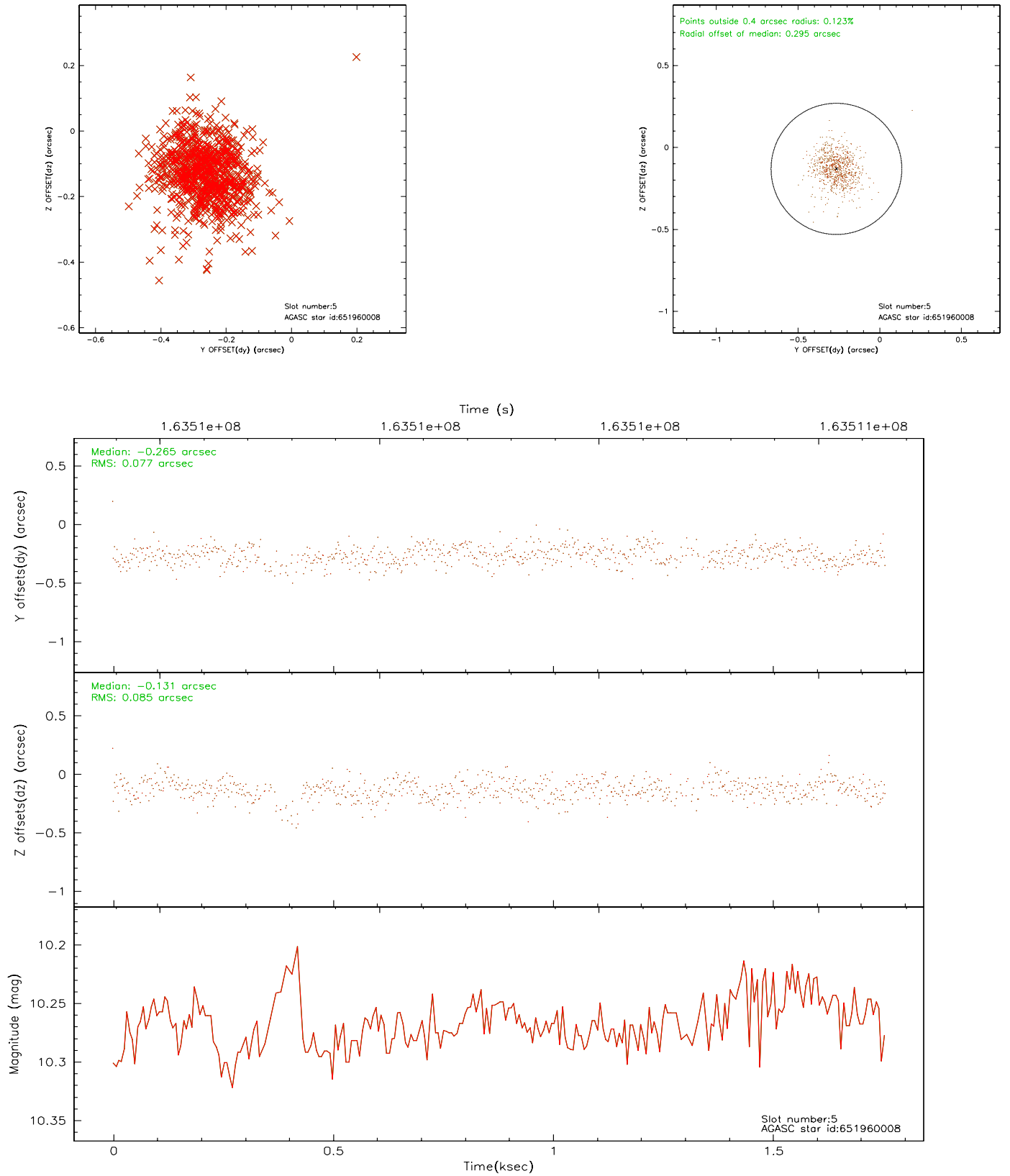
2.4.1 Slot 3



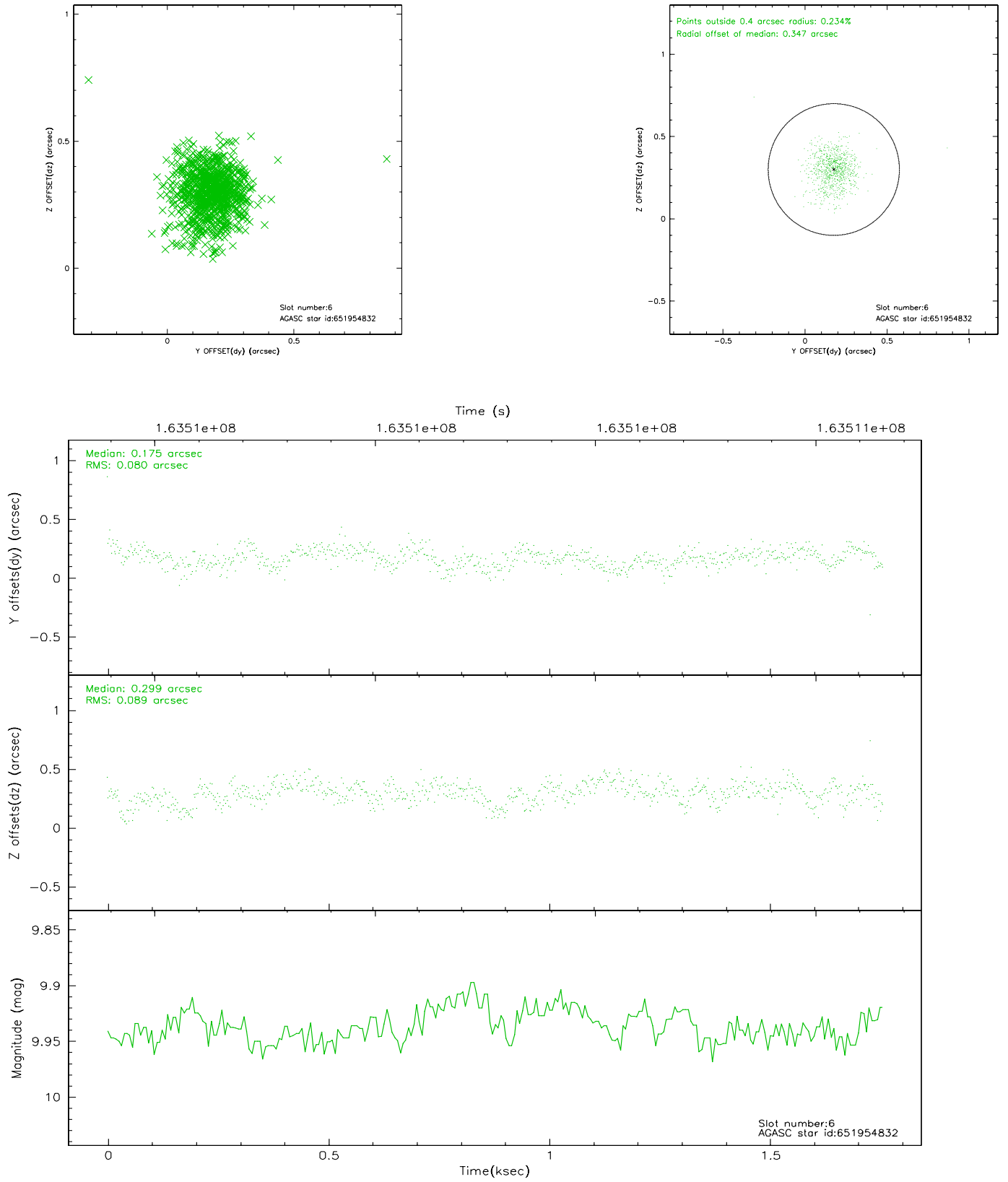
2.4.2 Slot 4



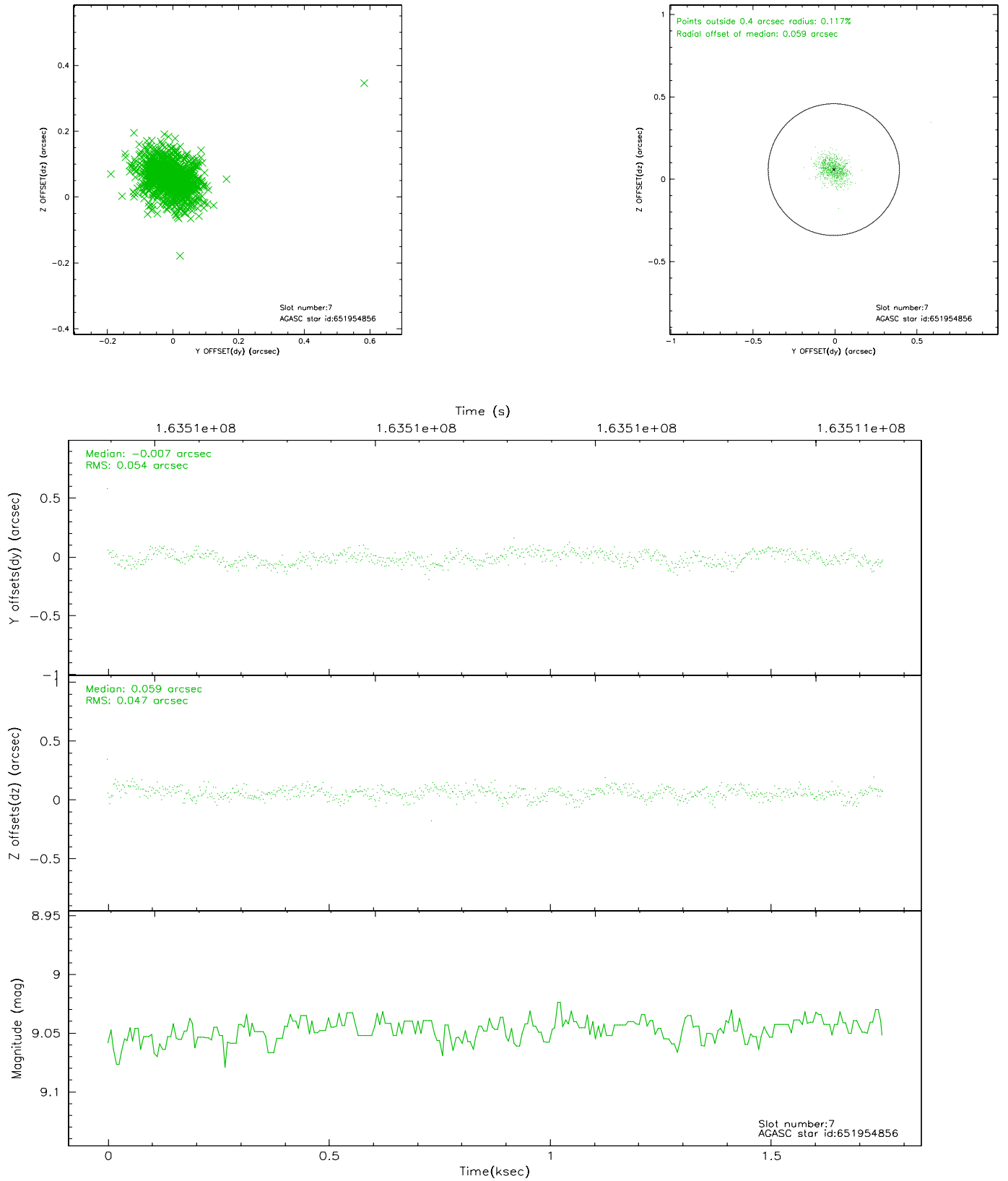
2.4.3 Slot 5



2.4.4 Slot 6

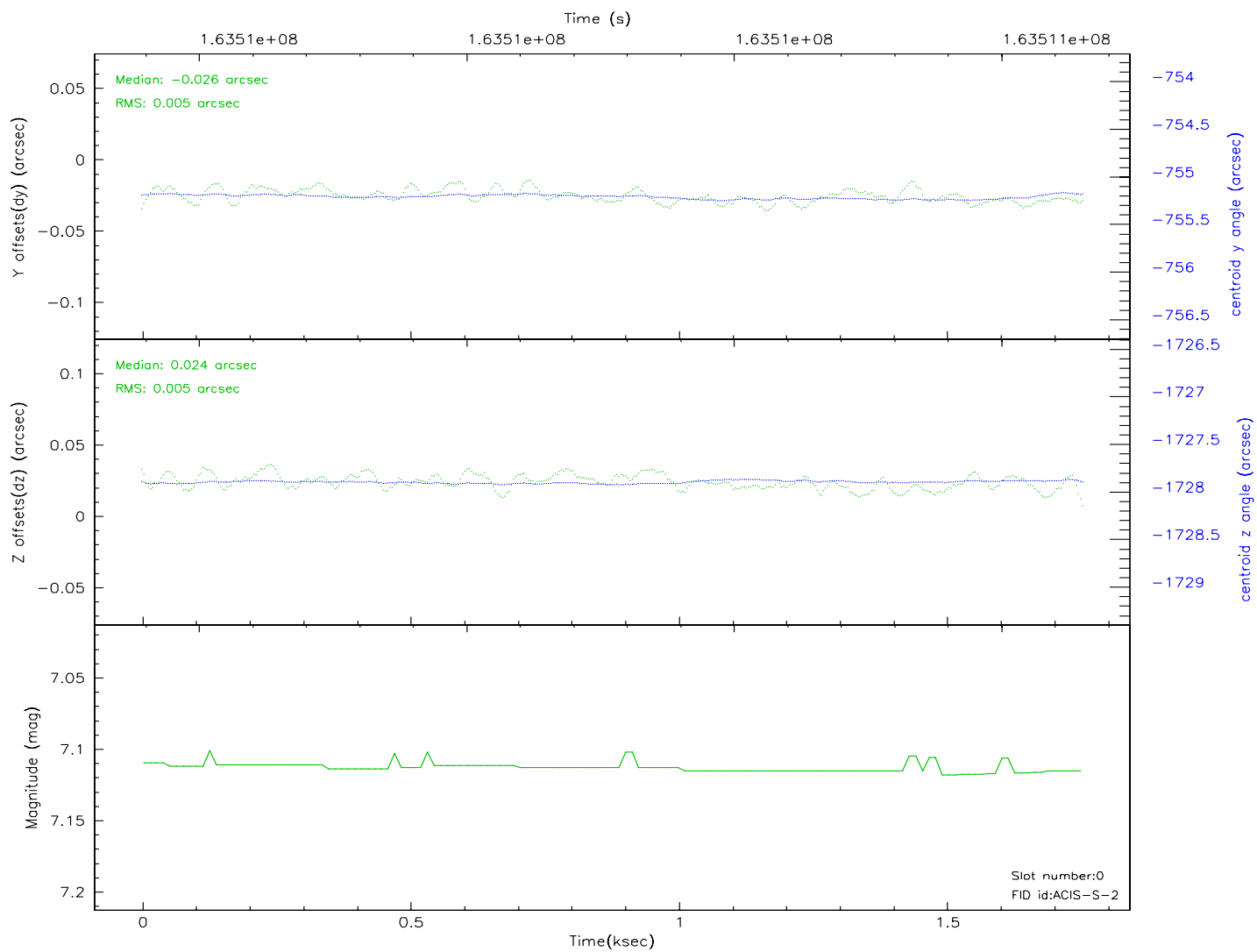
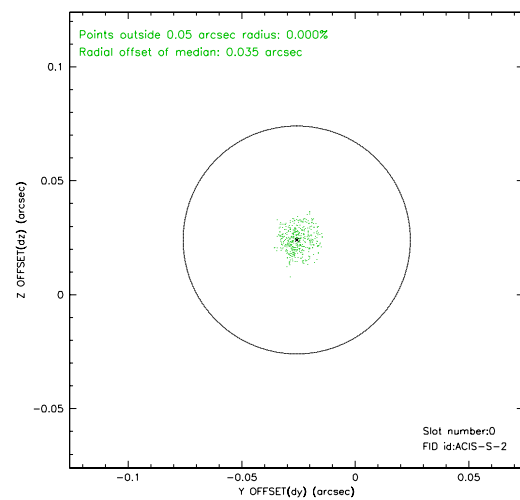
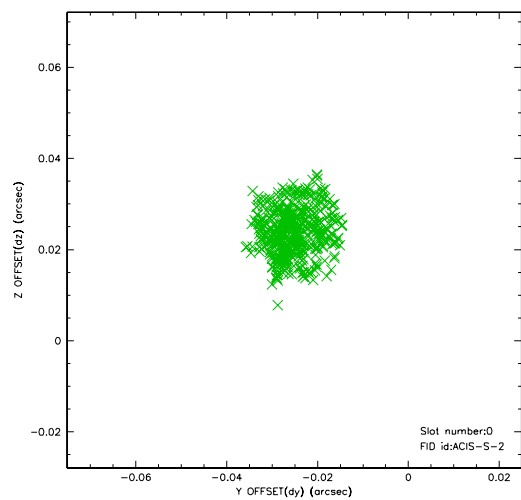


2.4.5 Slot 7

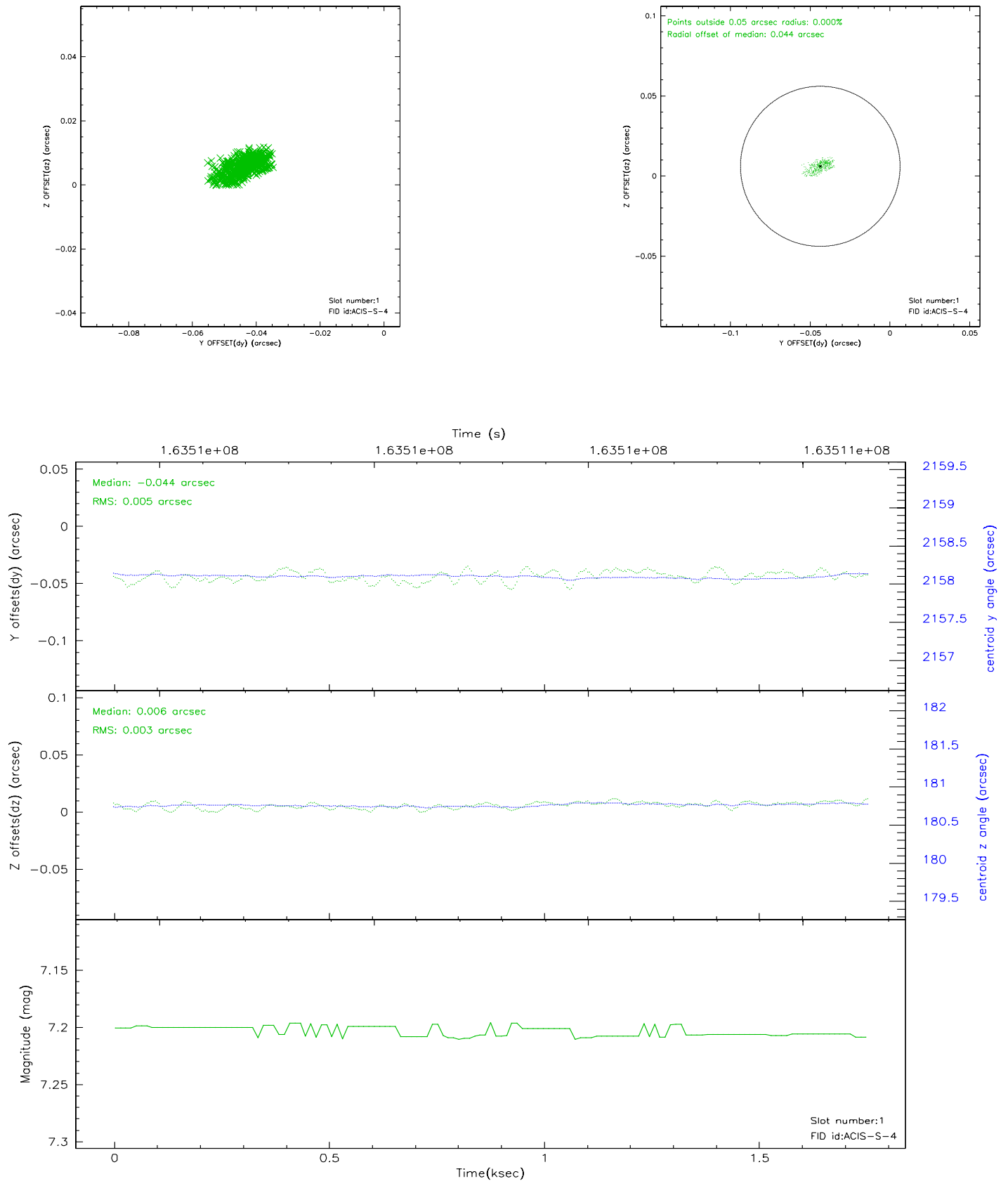


2.5 FID Slots

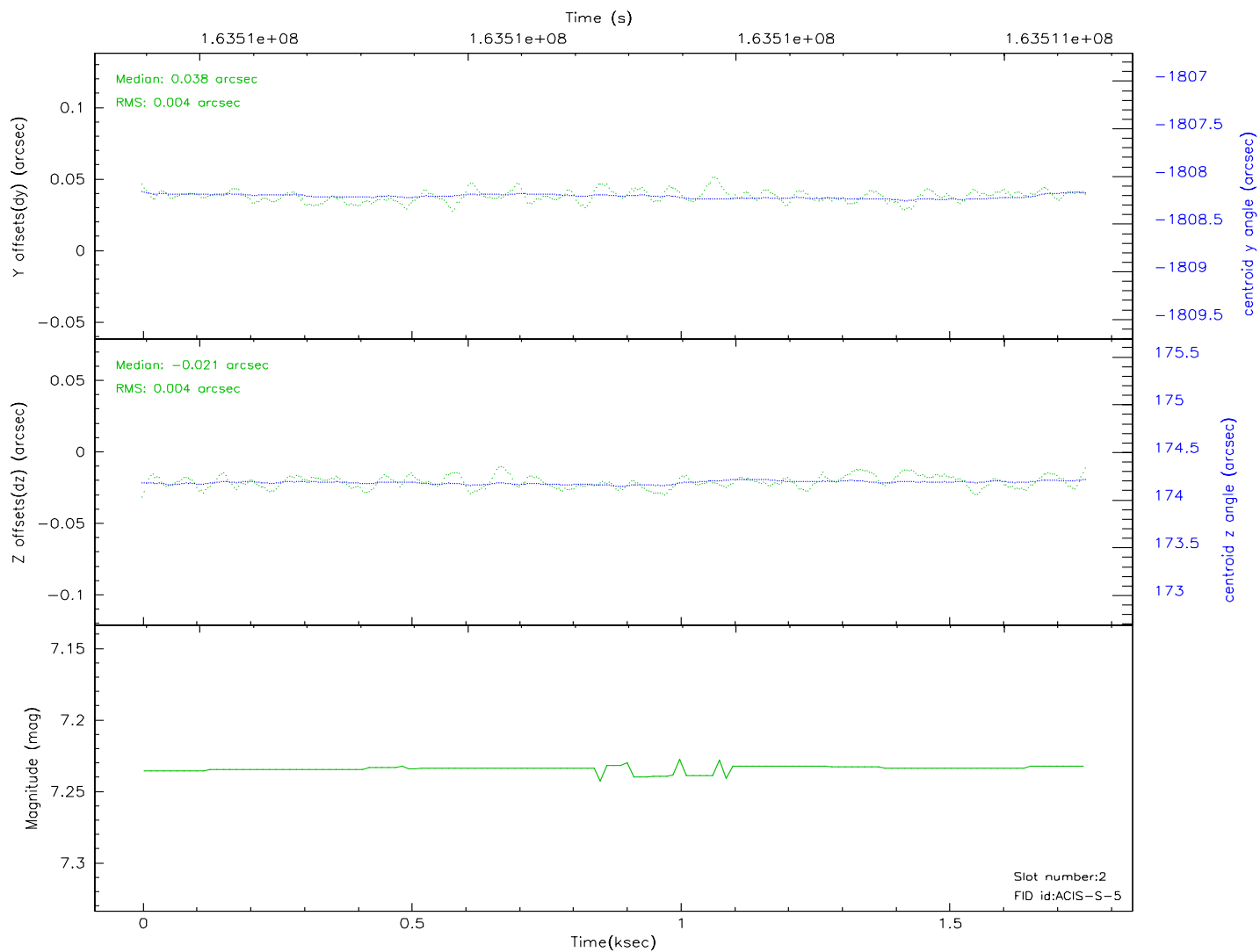
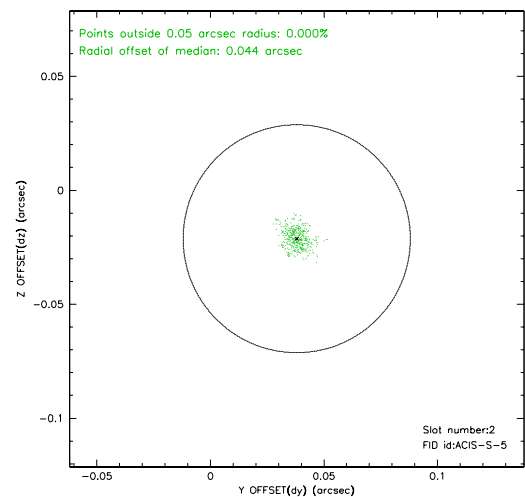
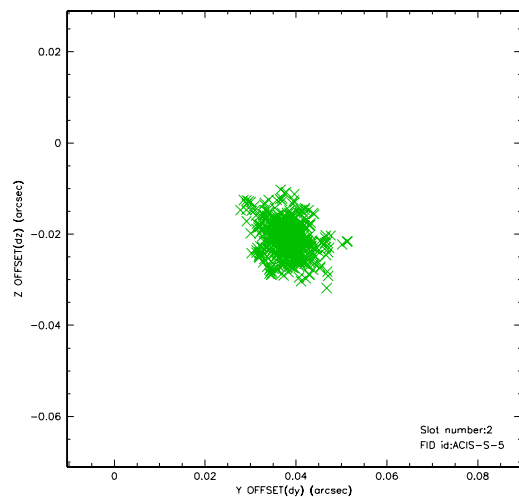
2.5.1 Slot 0



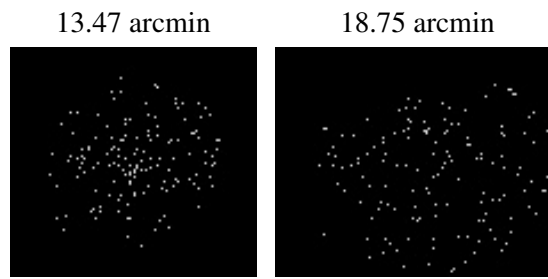
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.568

A.2 Comments

Slot 5 was excluded from aspect solution.