

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5706 - L2 Version 003
Chandra X-Ray Center

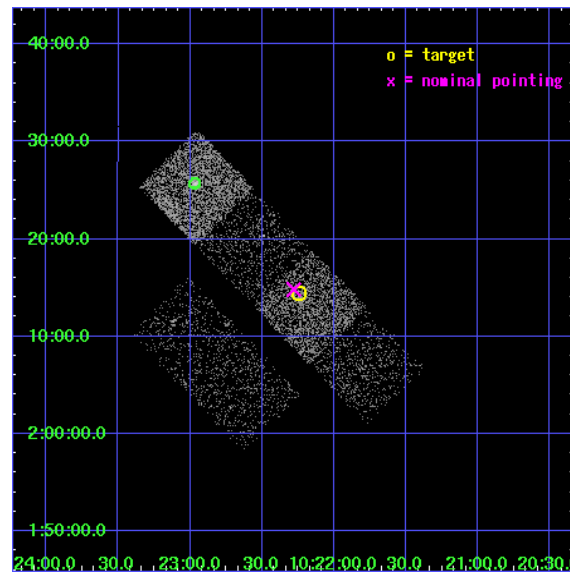
L2 Processing Date: Feb 21 2006

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1 Front

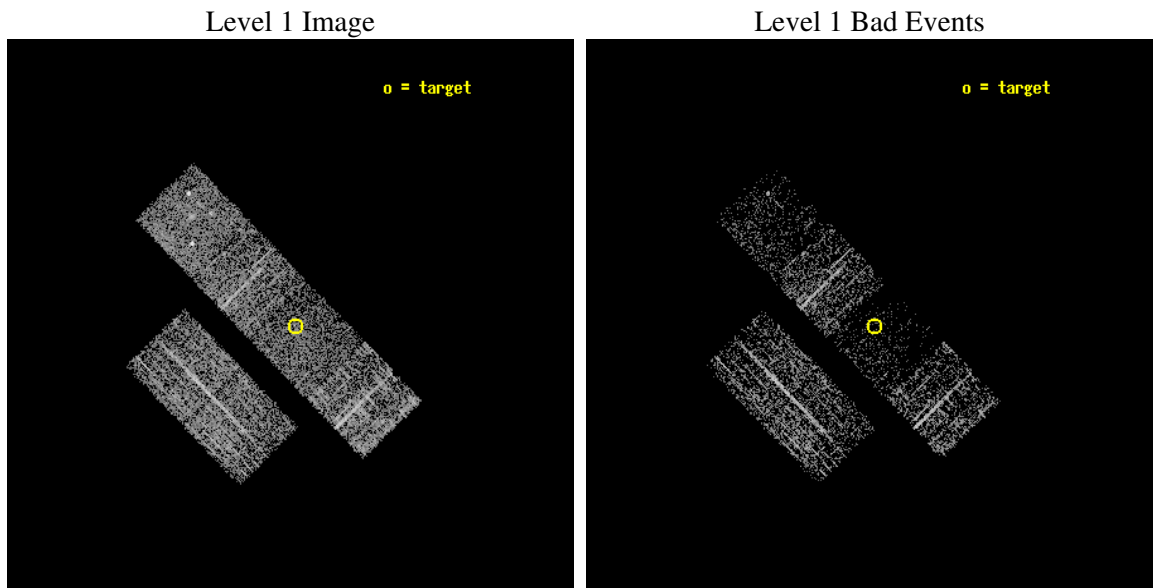
seq_num	701128
obs_id	5706
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs
observer	Prof. Scott Anderson
object	SDSS J102214.77+021428.8
dtcycle	0
cycle	P
ra_targ	155.561667
dec_targ	2.241333
ra_nom	155.56973649408
dec_nom	2.2470095663025
roll_nom	45.933119902976
revision	3
ontime	1628.7999939322
livetime	1608.1751476635
ontime2	1628.7999939322
ontime3	1628.7999939322
ontime5	1628.7999939322
ontime6	1628.7999939322
ontime7	1628.7999939322
ontime8	1628.7999939322
l2events	9308



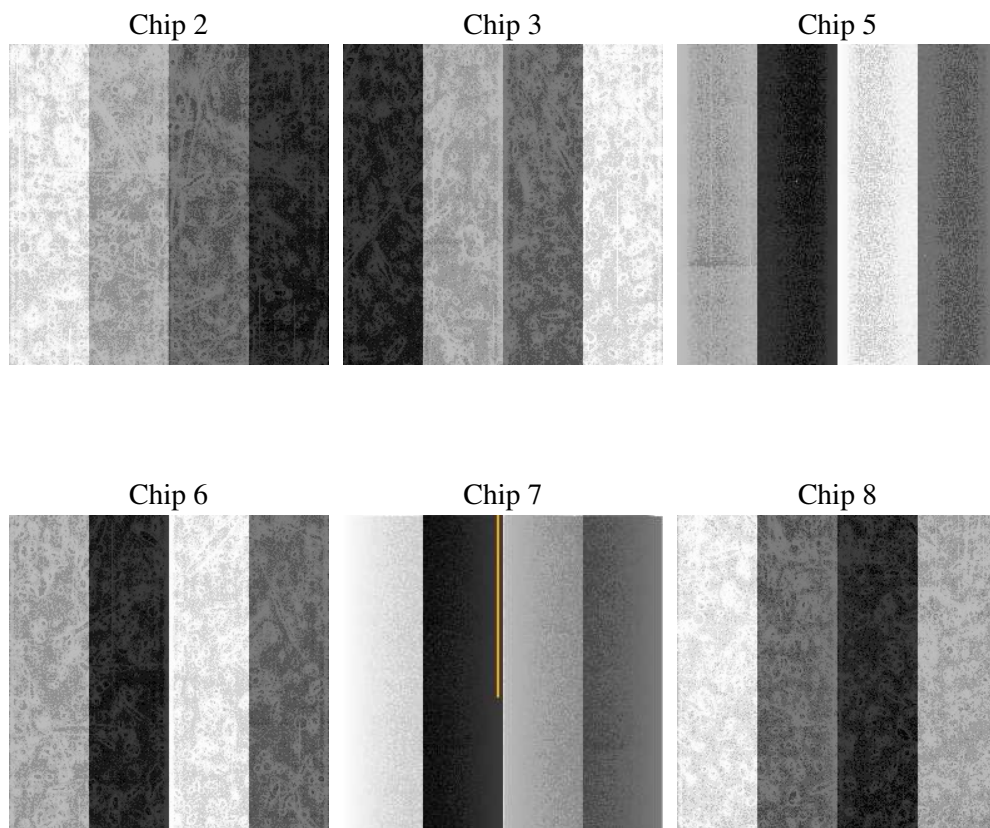
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-22T01:53:08
revision	3

sched_exp_time	1500.000000
ontime	1831.1663129628
ontime2	1831.166283071
ontime3	1834.4073031545
ontime5	1831.166283071
ontime6	1834.4073031545
ontime7	1831.1663129628
ontime8	1834.4073031545
l1events	53266

2.1.4 Events

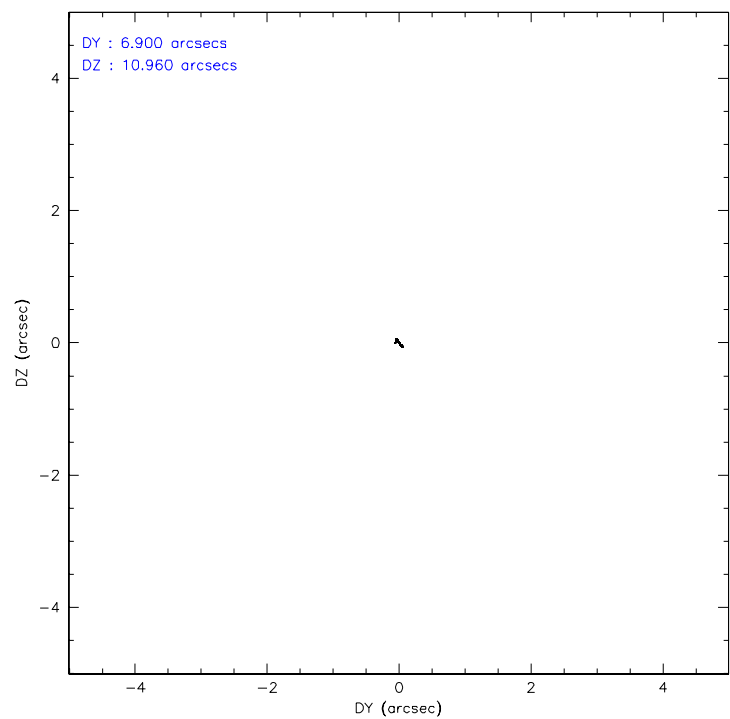
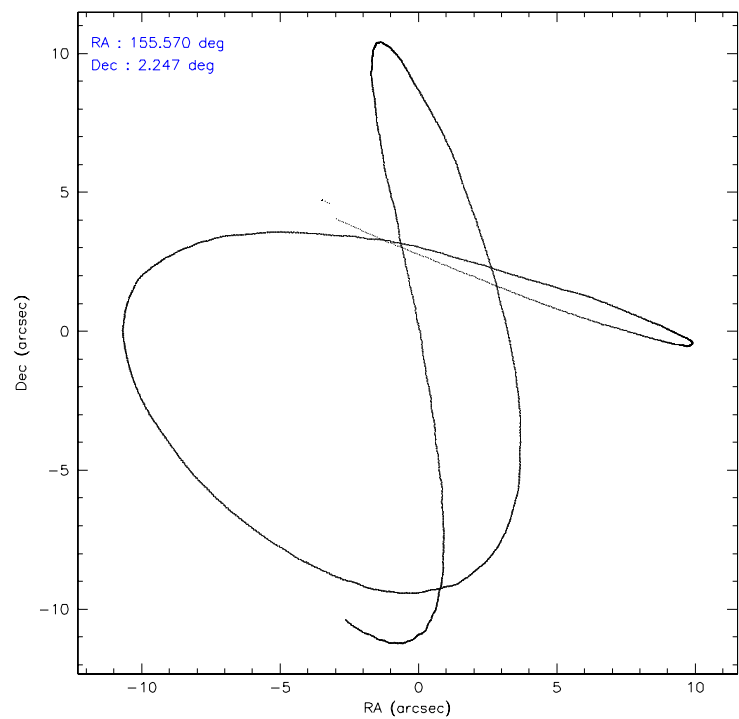
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	9646	9405	8659	8661	5448	11447
rejected events	8867	8683	4031	7781	2745	8993
rejected %	91%	92%	46%	89%	50%	78%

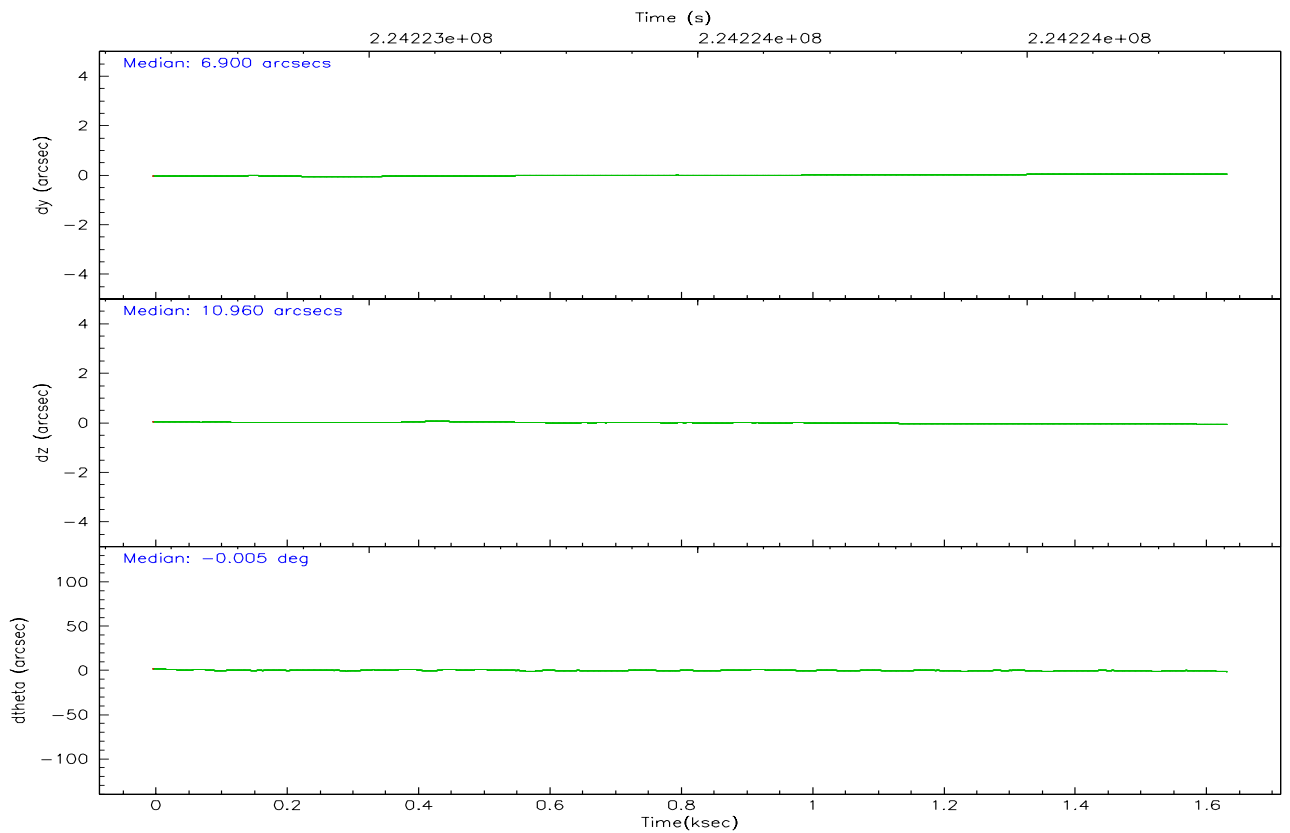
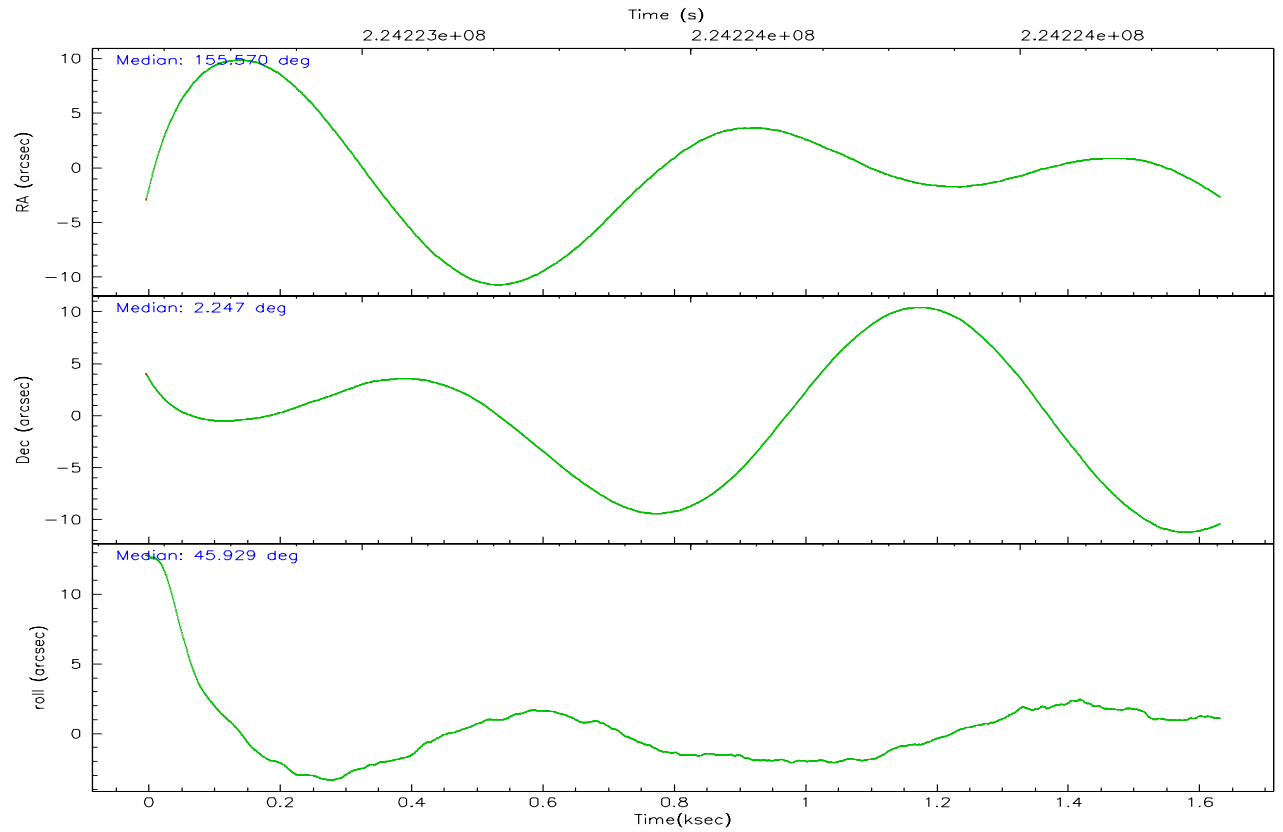
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	350	335	750	470	272	729
	3%	3%	8%	5%	4%	6%
grade 1 events	0	7	10	5	6	13
	0%	0%	0%	0%	0%	0%
grade 2 events	213	145	1841	178	930	647
	2%	1%	21%	2%	17%	5%
grade 3 events	96	104	170	102	235	328
	0%	1%	1%	1%	4%	2%
grade 4 events	87	78	185	78	223	307
	0%	0%	2%	0%	4%	2%
grade 5 events	145	187	475	176	466	288
	1%	1%	5%	2%	8%	2%
grade 6 events	137	132	2291	146	1390	725
	1%	1%	26%	1%	25%	6%
grade 7 events	8618	8417	2937	7506	1926	8410
	89%	89%	33%	86%	35%	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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	155.563254	155.5697364940805	Alternating exposures requested	N	N
Pointing Dec	2.220492	2.247009566302527	Primary exposure time	0.000000	3.2
Pointing Roll	45.776644	45.93311990297555			
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	224222804.184000	224221659.96082			
Observation start date	2005-02-08T04:05:40	2005-02-08T03:47:39			
Observation end time	224224304.184000	224224873.33596			
Observation end date	2005-02-08T04:30:40	2005-02-08T04:41:13			
Read mode	TIMED	TIMED			

2.3 Aspect



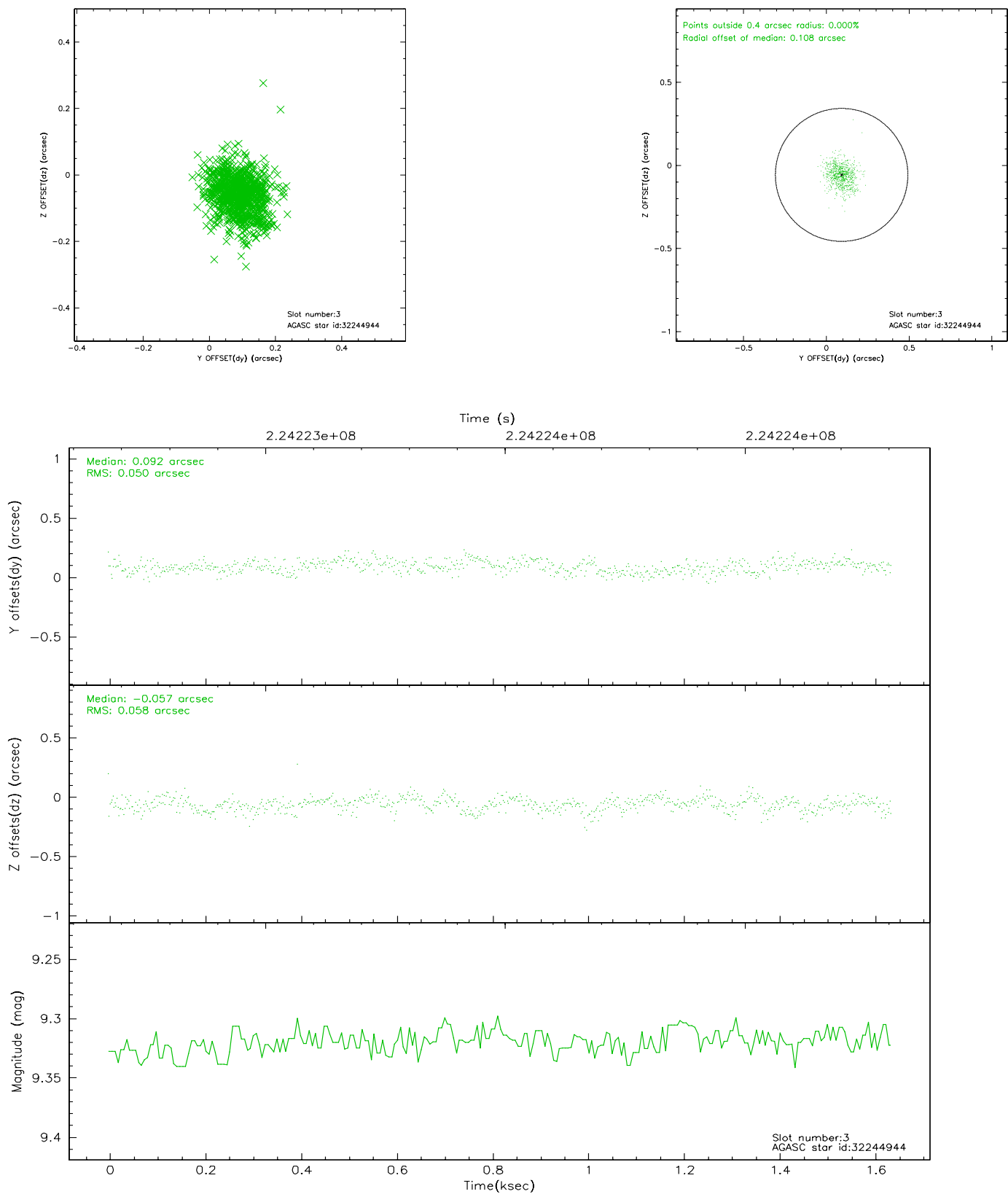


Slot Statistics

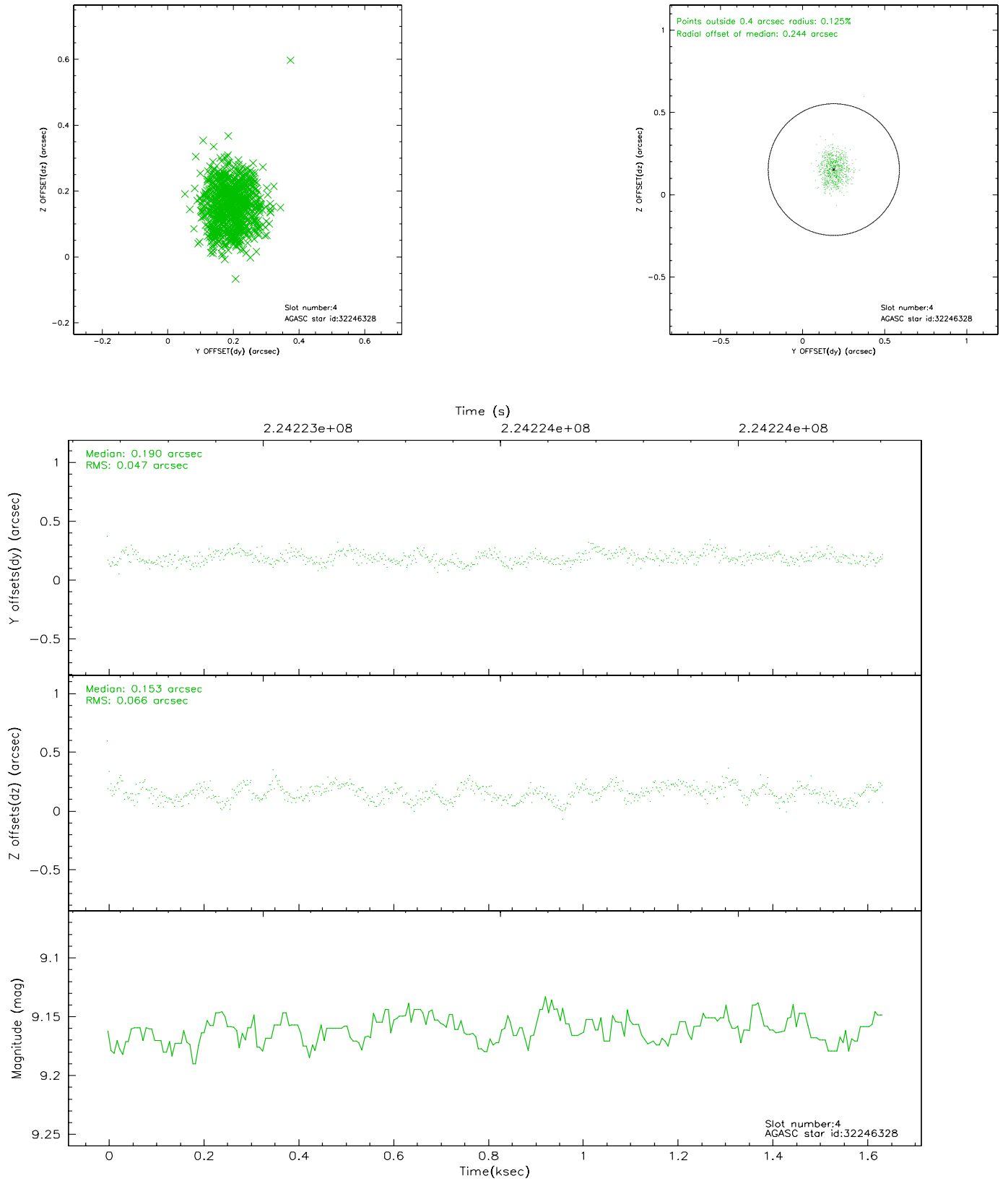
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	399	-0.028	-0.011	0.006	0.011	0.000000	0.000000	-759.65	-1732.20
1	FID	ACIS-S-4	7.20	400	0.027	0.012	0.005	0.009	0.000000	0.000000	2151.83	172.17
2	FID	ACIS-S-6	7.35	399	-0.026	0.006	0.006	0.011	0.000000	0.000000	407.50	814.13
3	GUIDE	32244944	9.32	799	0.092	-0.057	0.079	0.132	155.202898	2.350877	-567.97	1256.77
4	GUIDE	32246328	9.16	799	0.190	0.153	0.087	0.132	155.607732	1.468005	-1830.56	-2001.97
5	GUIDE	32637400	8.86	798	-0.125	0.058	0.067	0.109	155.651896	2.796545	1705.51	1216.23
6	GUIDE	32638280	8.02	799	-0.021	-0.093	0.057	0.090	155.931028	2.619345	1951.94	55.39
7	GUIDE	32637320	7.97	798	-0.130	-0.054	0.045	0.075	155.945284	2.651709	2072.68	99.14

2.4 Star Slots

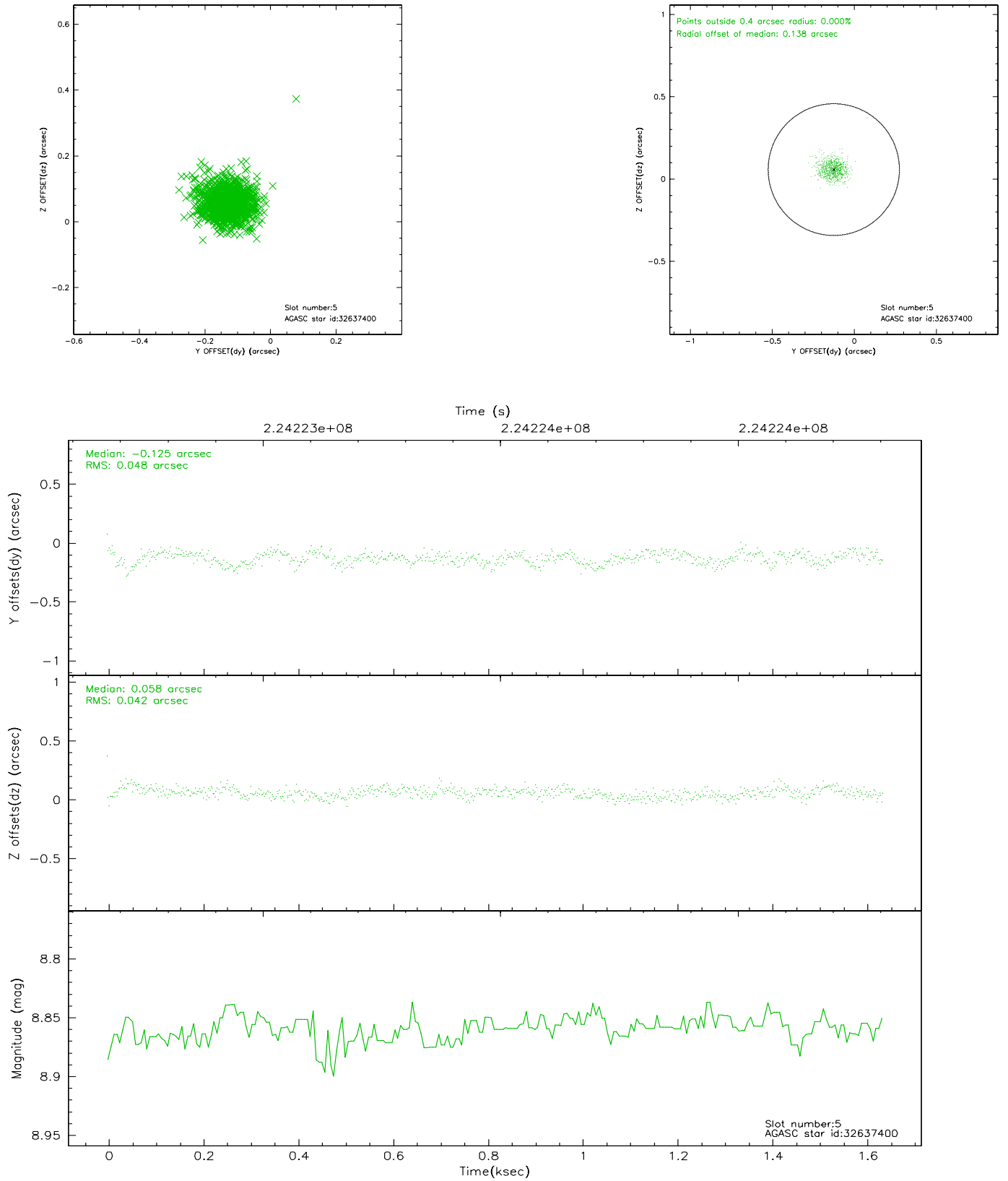
2.4.1 Slot 3



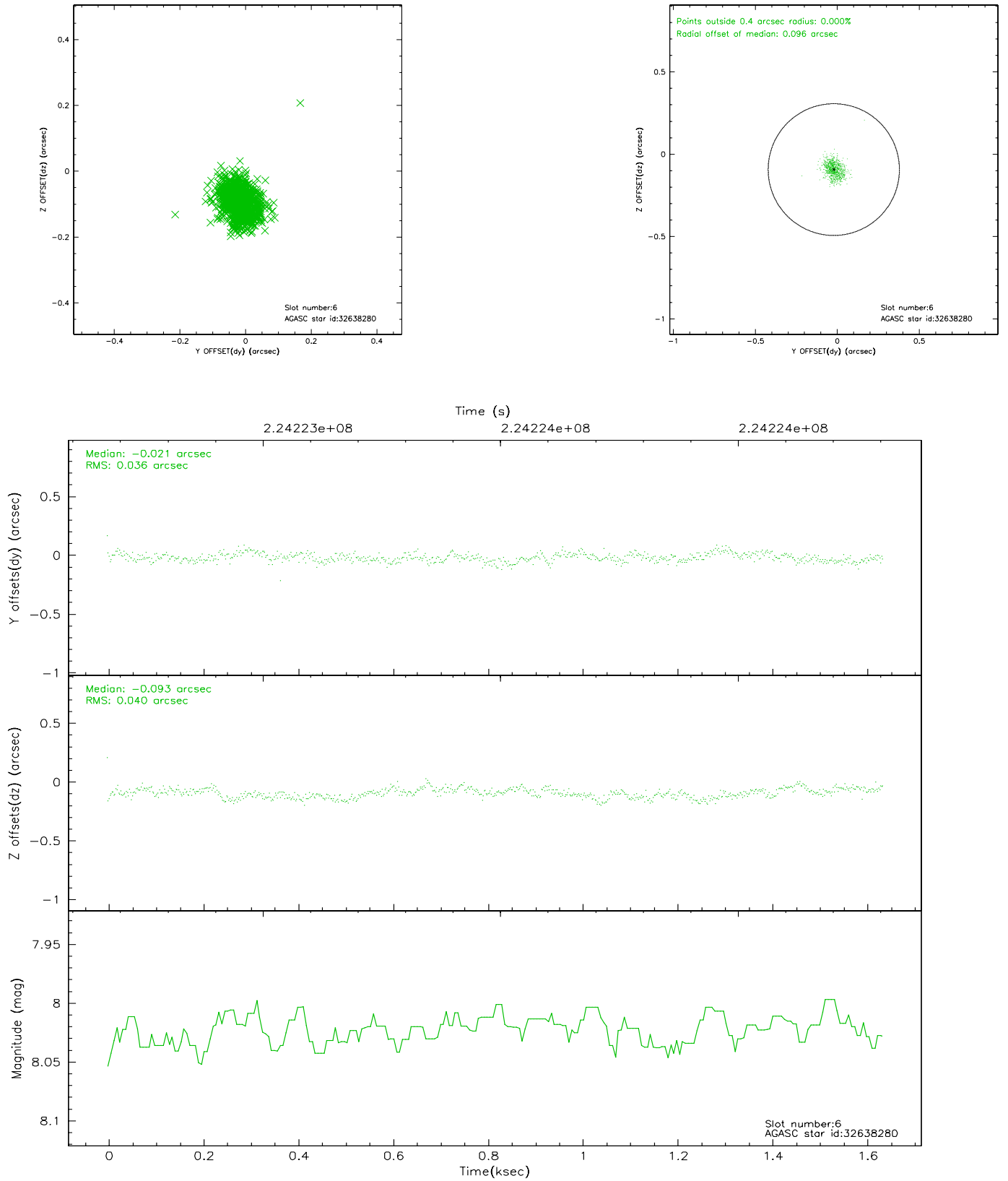
2.4.2 Slot 4



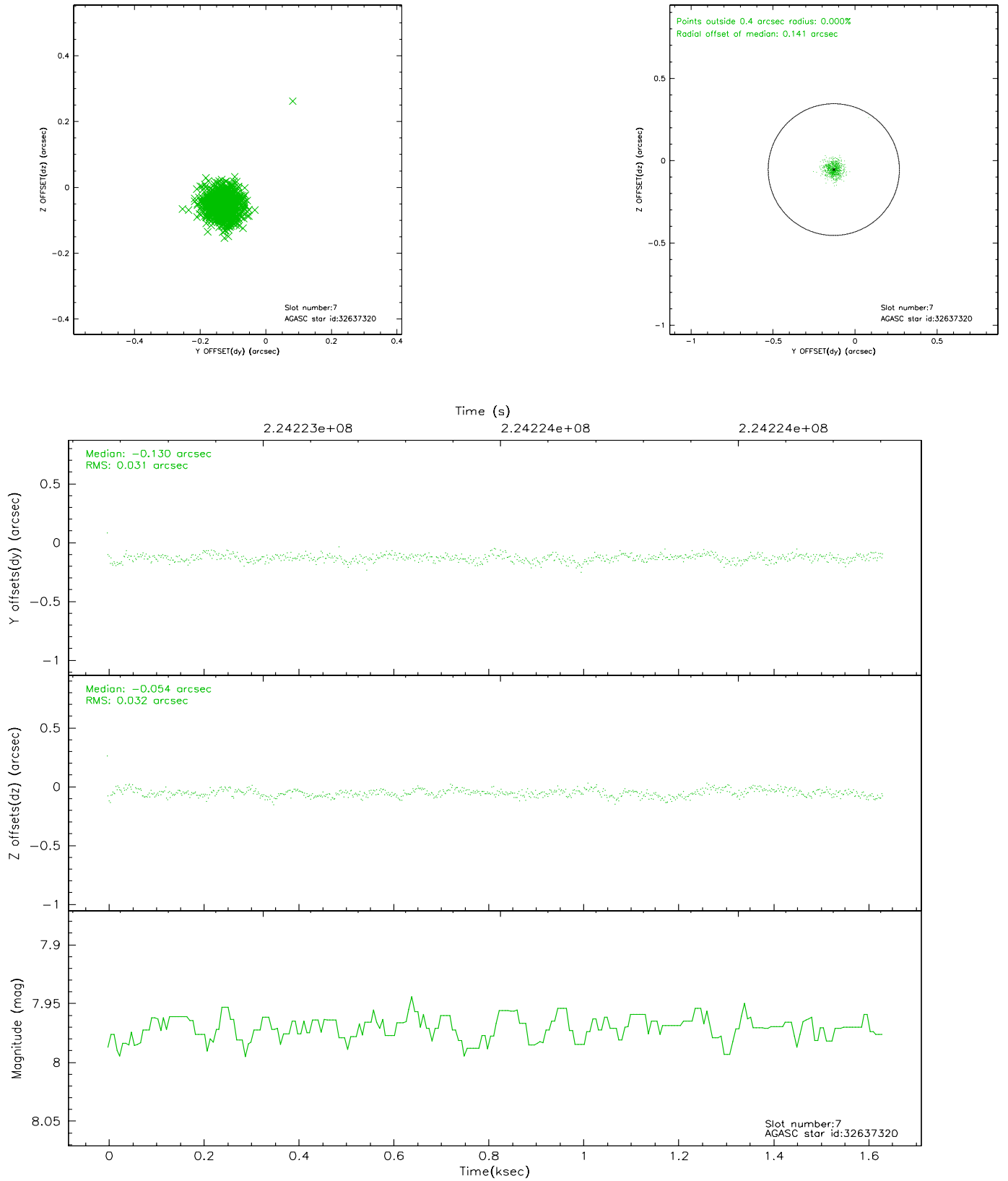
2.4.3 Slot 5



2.4.4 Slot 6

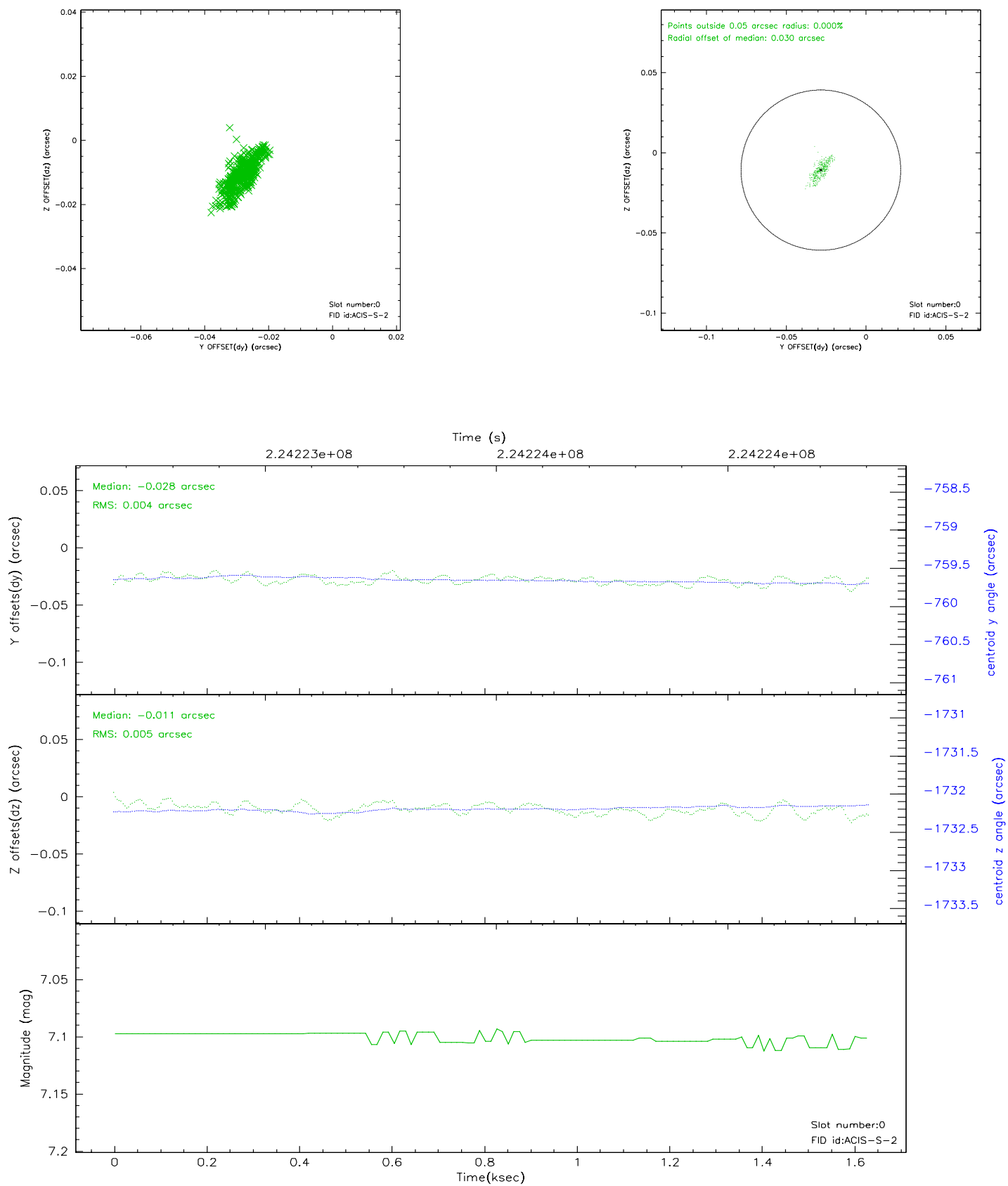


2.4.5 Slot 7

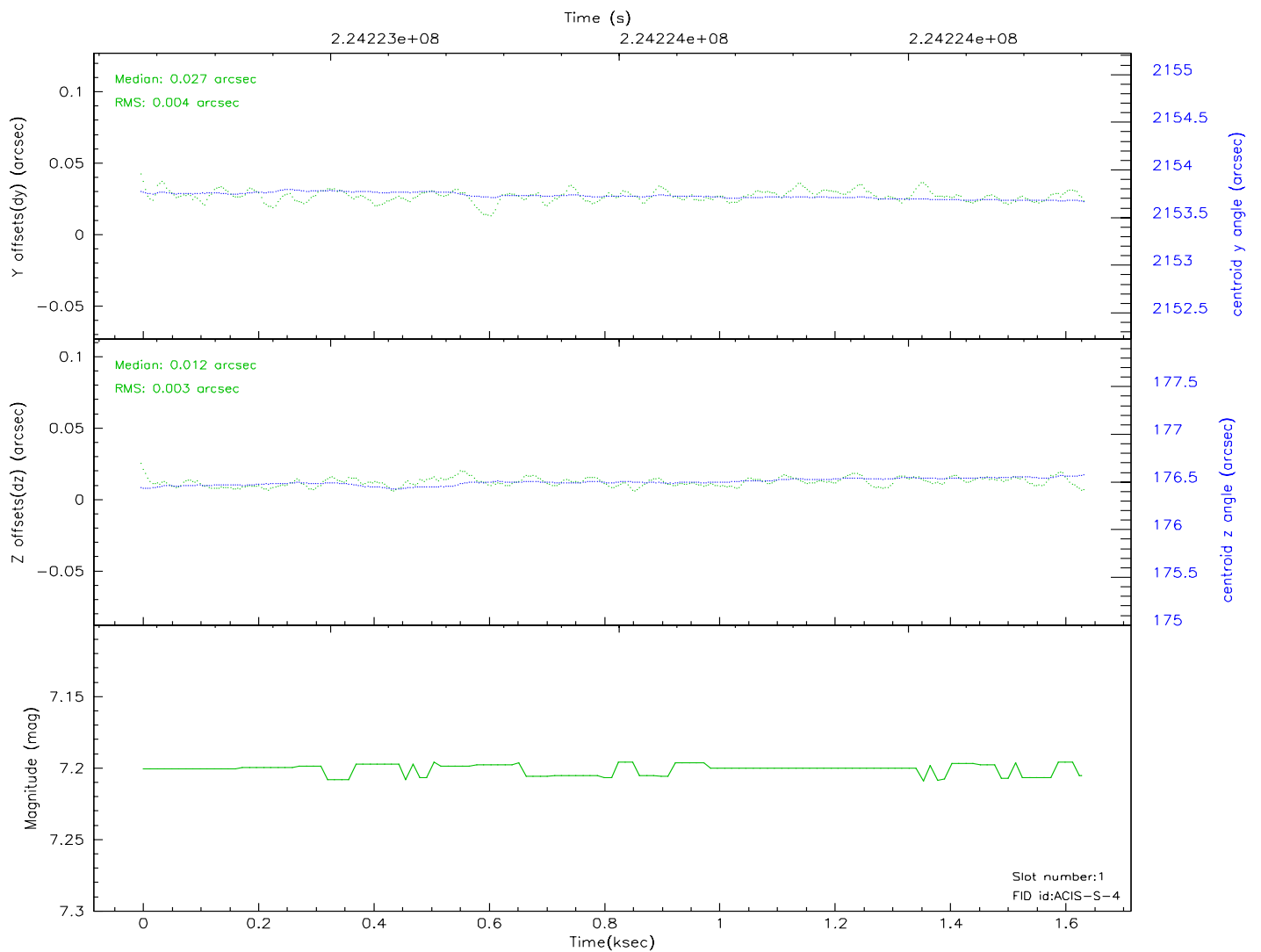
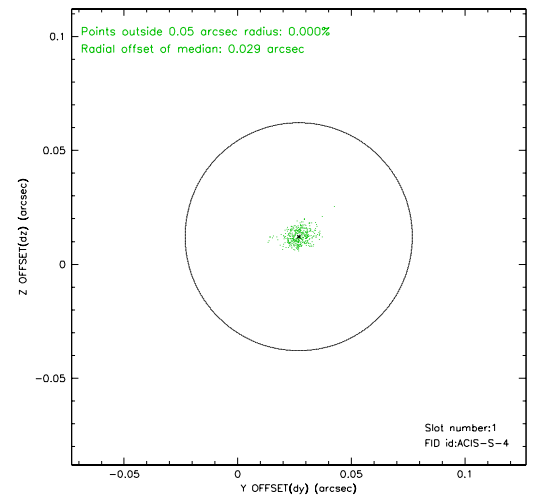
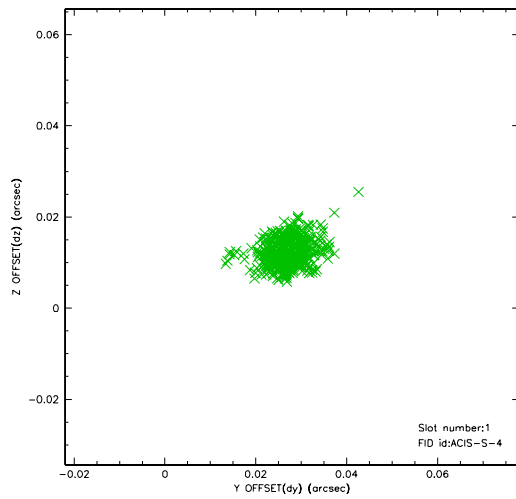


2.5 FID Slots

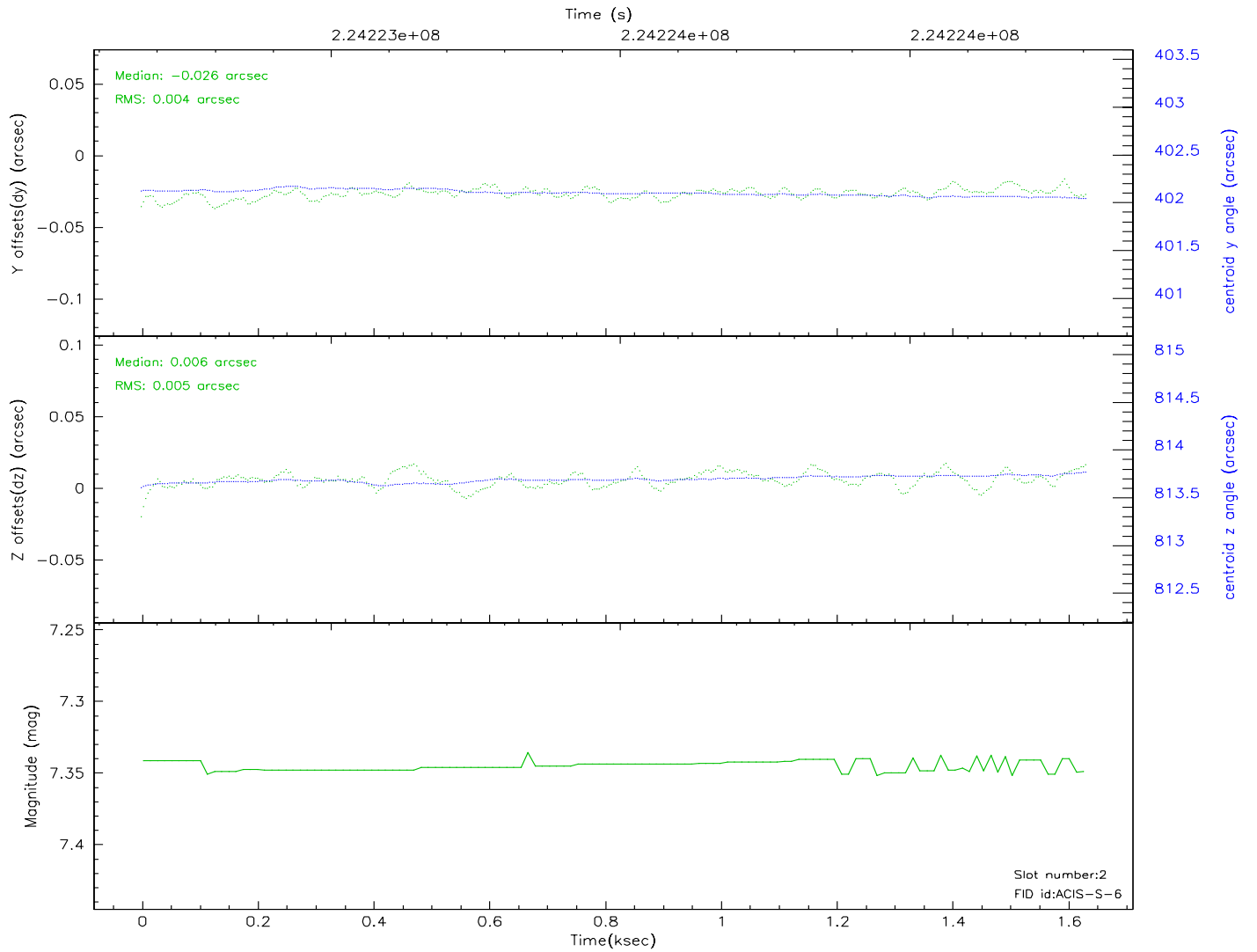
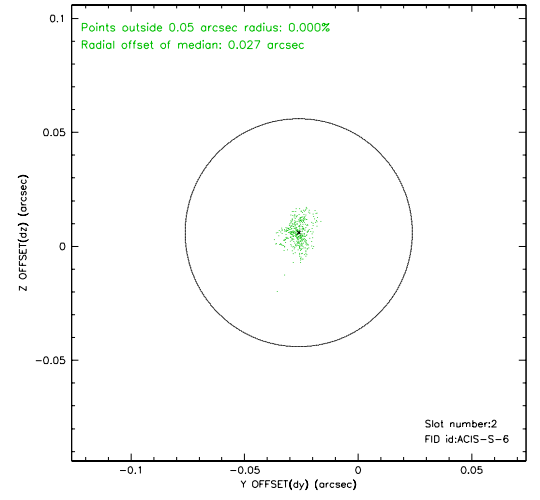
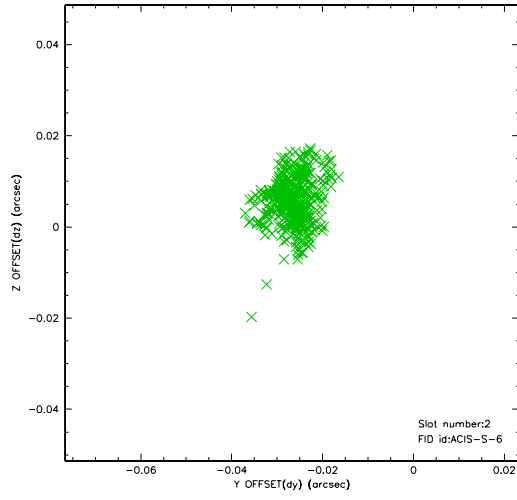
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

14.95 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.628799

A.2 Comments