

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2117 - L2 Version 001
Chandra X-Ray Center

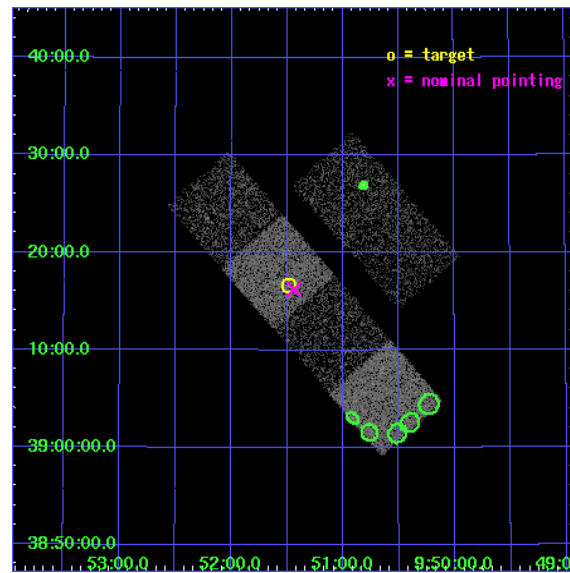
L2 Processing Date : Nov 15 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

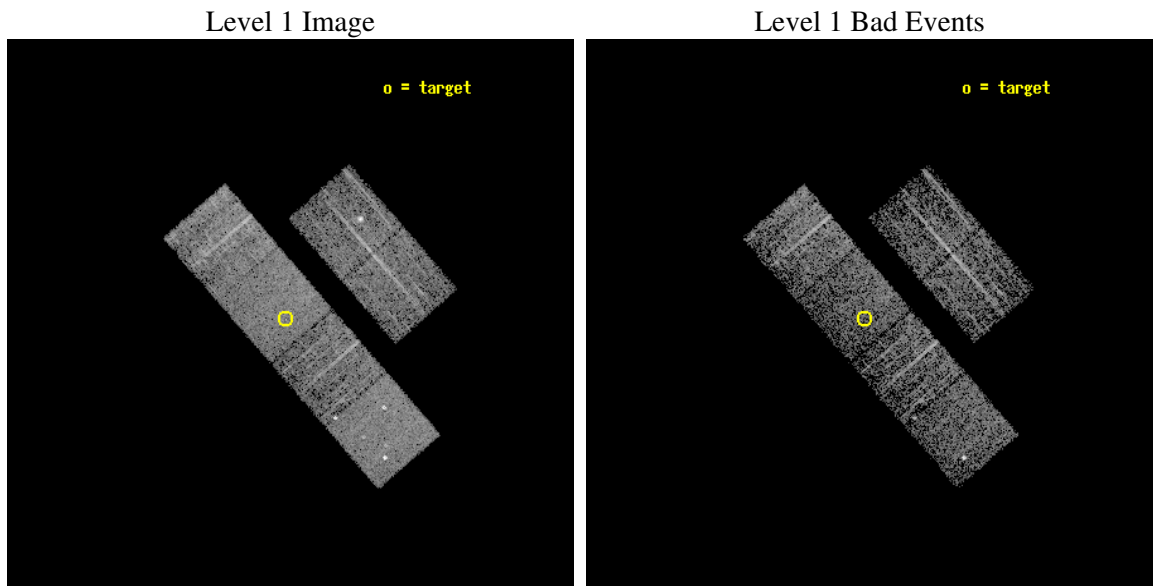
seq_num	700307
obs_id	2117
title	UNDERSTANDING THE NATURE OF ROSAT BFS
observer	DR. ILARIA CAGNONI
object	1WGA_J0951.4+3916
dtcycle	0
cycle	P
ra_targ	147.869583
dec_targ	39.276889
ra_nom	147.85978407401
dec_nom	39.270540845631
roll_nom	228.97043466268
revision	2
ontime	2678.4000024945
livetime	2644.484488924
ontime2	2678.4000024945
ontime3	2678.4000024945
ontime5	2678.4000024945
ontime6	2678.4000024945
ontime7	2678.4000024945
ontime8	2675.1590322405
l2events	28992



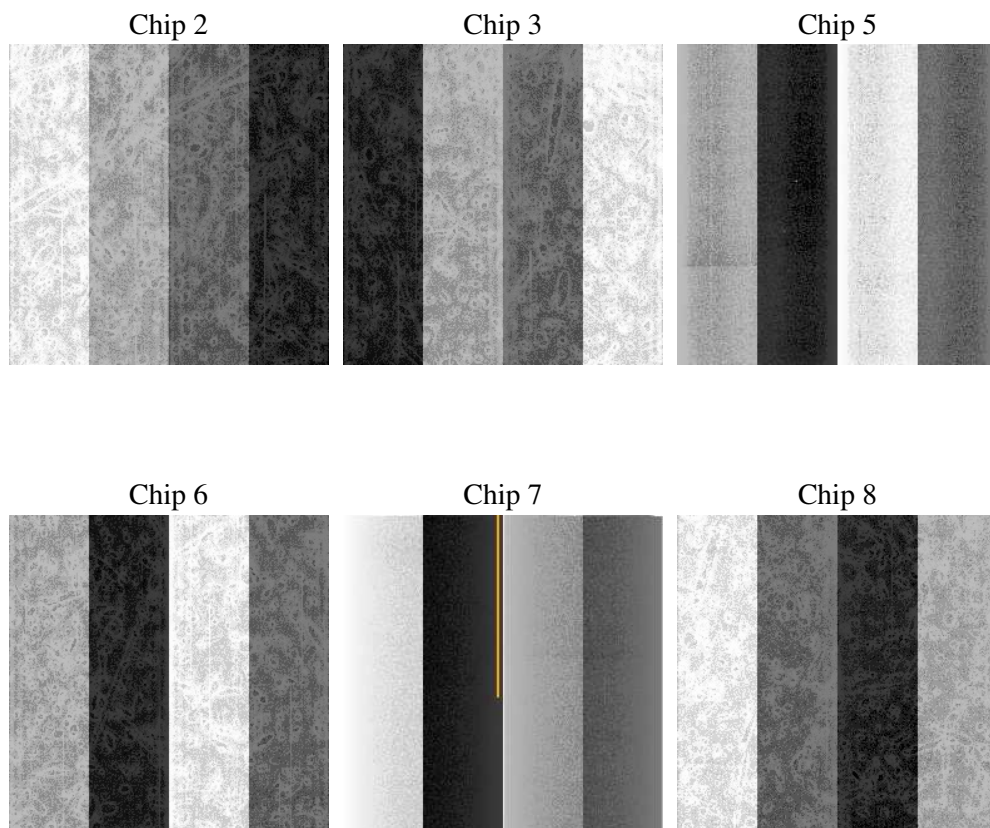
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-15T23:18:22
revision	2

sched_exp_time	3000.000000
ontime	2683.5488937199
ontime2	2683.5488637984
ontime3	2683.5488438606
ontime5	2683.5488737822
ontime6	2683.5488438606
ontime7	2683.5488937199
ontime8	2680.3077739477
l1events	134774

2.1.4 Events

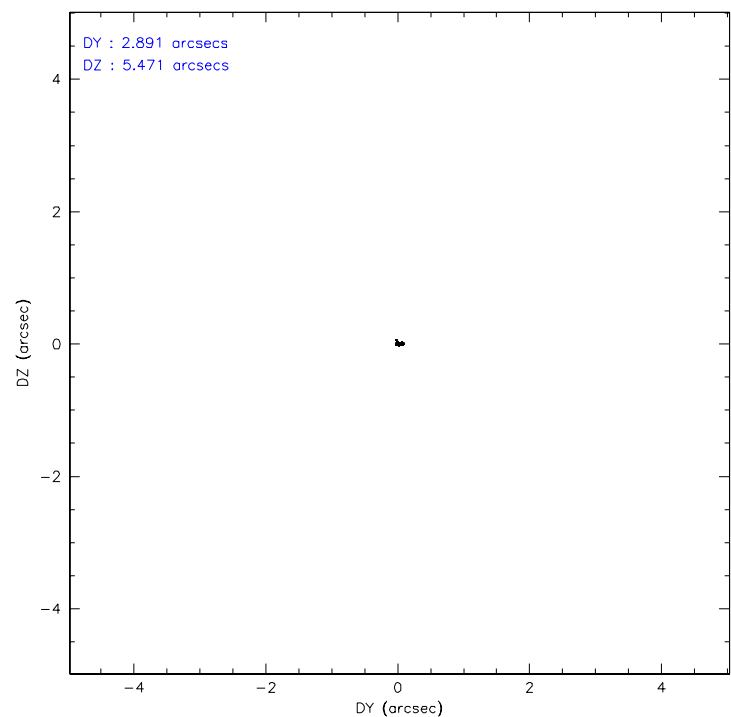
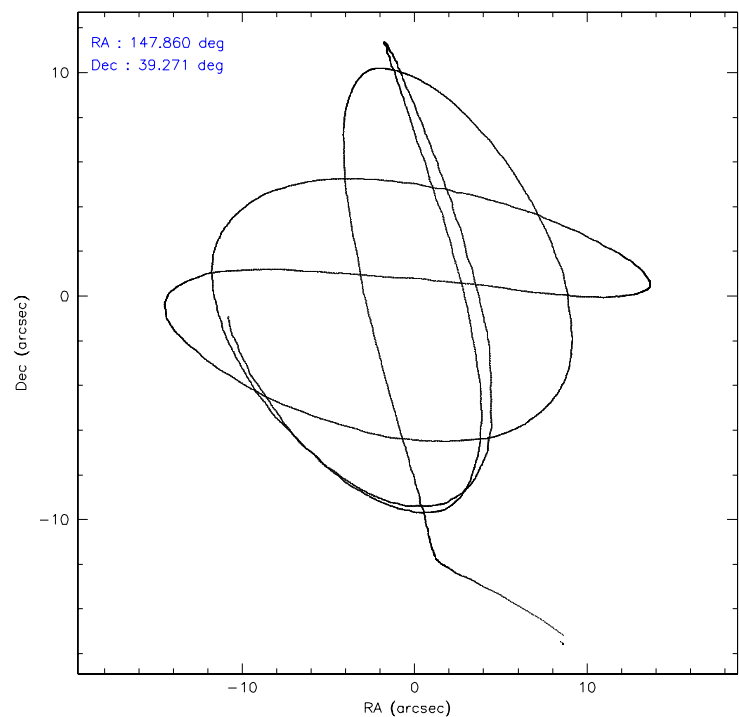
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	18588	19324	27294	18665	23502	27401
rejected events	16346	15956	15262	16133	14420	20958
rejected %	87%	82%	55%	86%	61%	76%

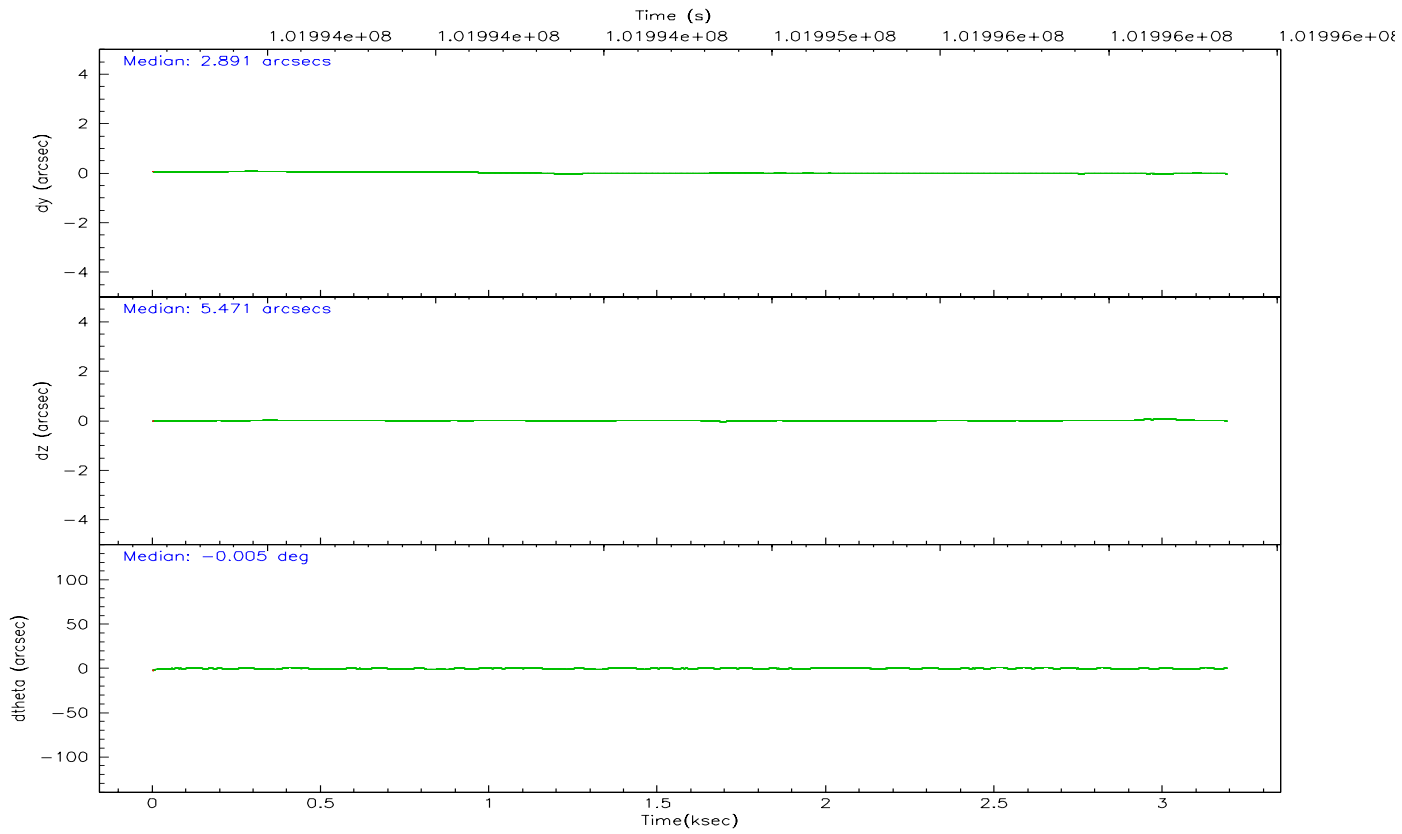
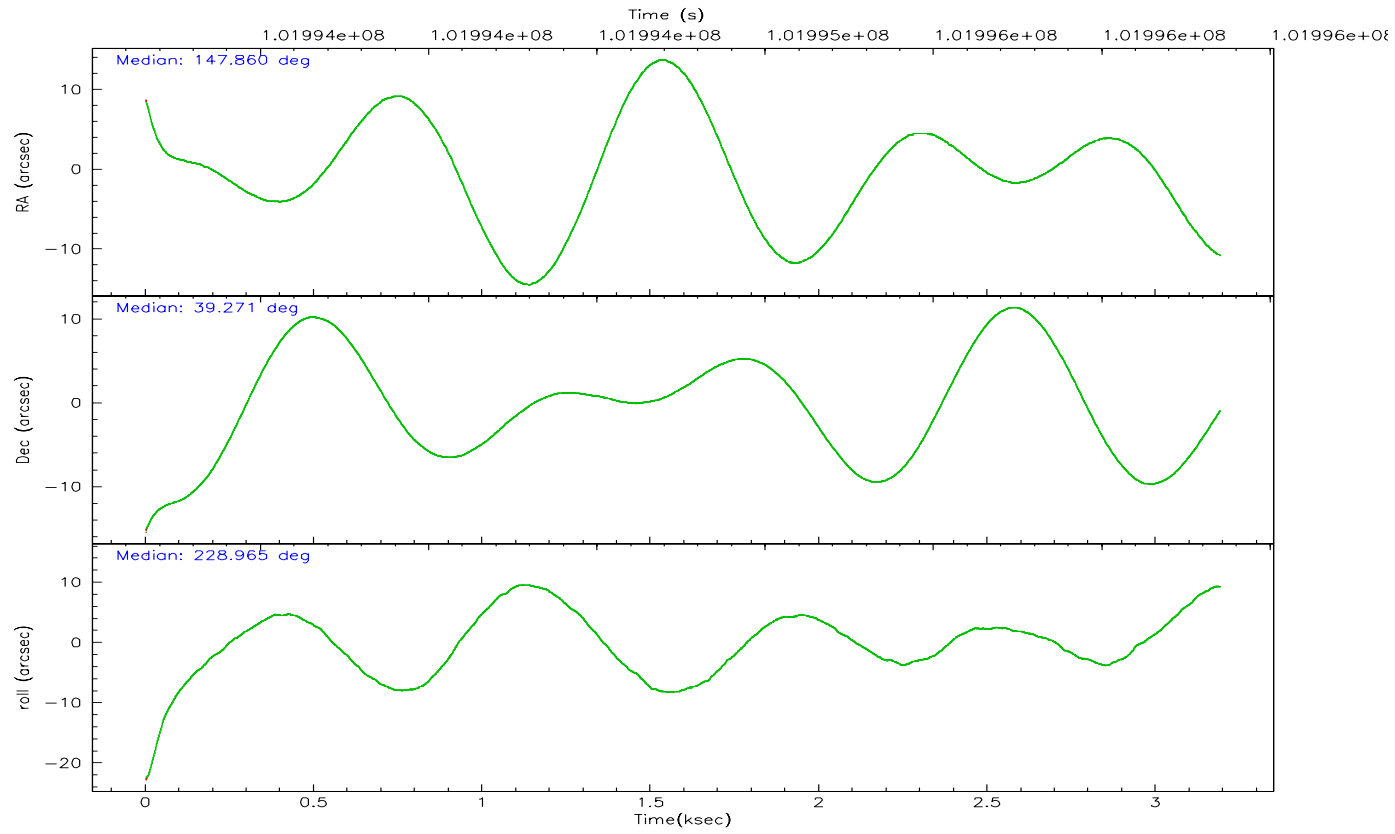
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	920	1782	1449	1053	629	2268
	4%	9%	5%	5%	2%	8%
grade 1 events	4	10	62	9	11	23
	0%	0%	0%	0%	0%	0%
grade 2 events	523	642	3547	609	2263	1210
	2%	3%	12%	3%	9%	4%
grade 3 events	192	227	300	178	475	862
	1%	1%	1%	0%	2%	3%
grade 4 events	191	226	279	215	446	762
	1%	1%	1%	1%	1%	2%
grade 5 events	641	669	1311	734	1511	930
	3%	3%	4%	3%	6%	3%
grade 6 events	419	498	6467	480	5282	1371
	2%	2%	23%	2%	22%	5%
grade 7 events	15698	15270	13879	15387	12885	19975
	84%	79%	50%	82%	54%	72%

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	147.866124	147.8597840740148	Subarray requested	NONE	NONE
Pointing Dec	39.297611	39.27054084563061	Alternating exposures requested	N	N
Pointing Roll	228.809834	228.9704346626826	Primary exposure time	0.000000	3.2
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	101993353.184000	101992367.18249			
Observation start date	2001-03-26T11:28:09	2001-03-26T11:12:47			
Observation end time	101996353.184000	101996794.67017			
Observation end date	2001-03-26T12:18:09	2001-03-26T12:26:34			
Read mode	TIMED	TIMED			

2.3 Aspect



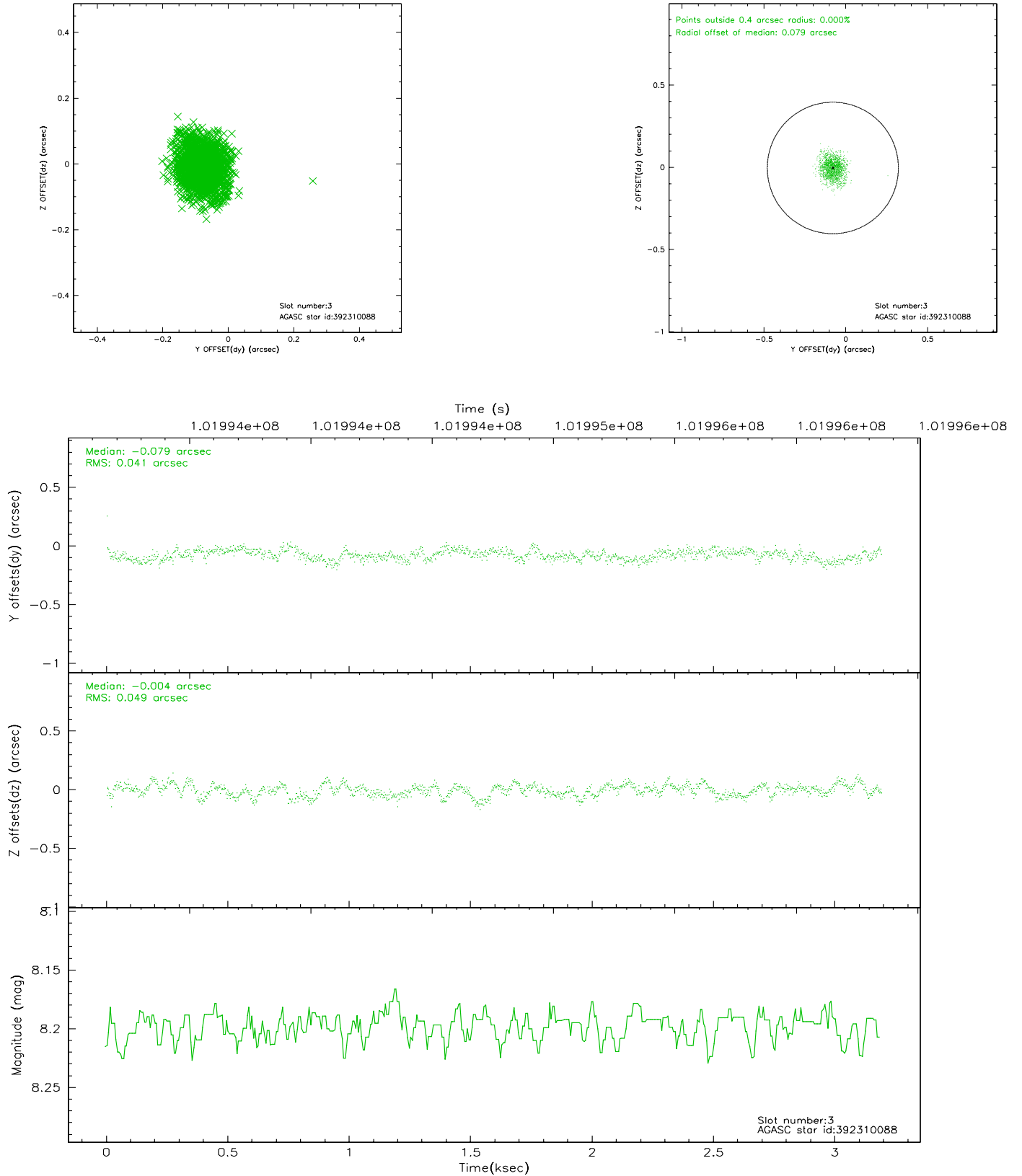


Slot Statistics

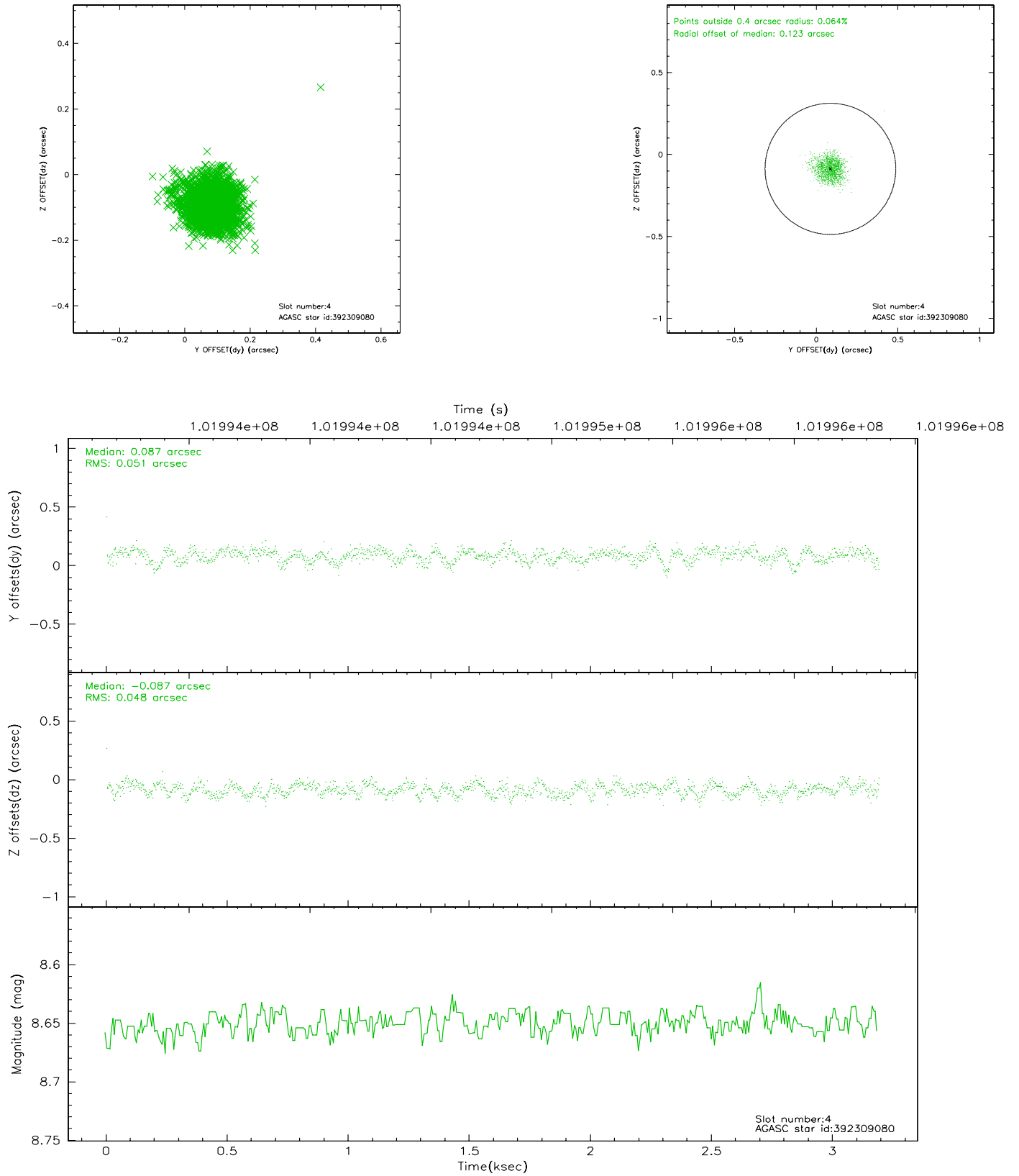
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	779	-0.014	0.032	0.007	0.011	0.000000	0.000000	-755.51	-1726.53
1	FID	ACIS-S-4	7.20	779	-0.079	-0.002	0.005	0.009	0.000000	0.000000	2156.75	179.93
2	FID	ACIS-S-5	7.24	779	0.062	-0.022	0.006	0.010	0.000000	0.000000	-1805.76	175.76
3	GUIDE	392310088	8.20	1549	-0.079	-0.004	0.068	0.111	147.943550	39.622430	-1022.01	-609.33
4	GUIDE	392309080	8.65	1557	0.087	-0.087	0.074	0.117	146.870719	39.102402	2347.74	-1640.82
5	GUIDE	392307632	8.70	1556	-0.050	0.012	0.079	0.125	148.679987	39.119172	-1020.55	2125.14
6	GUIDE	392308672	9.32	1556	0.108	-0.018	0.070	0.116	147.364505	39.161928	1285.73	-733.72
7	GUIDE	392305688	9.44	1556	-0.072	0.103	0.112	0.183	148.763689	39.246797	-1519.64	1994.23

2.4 Star Slots

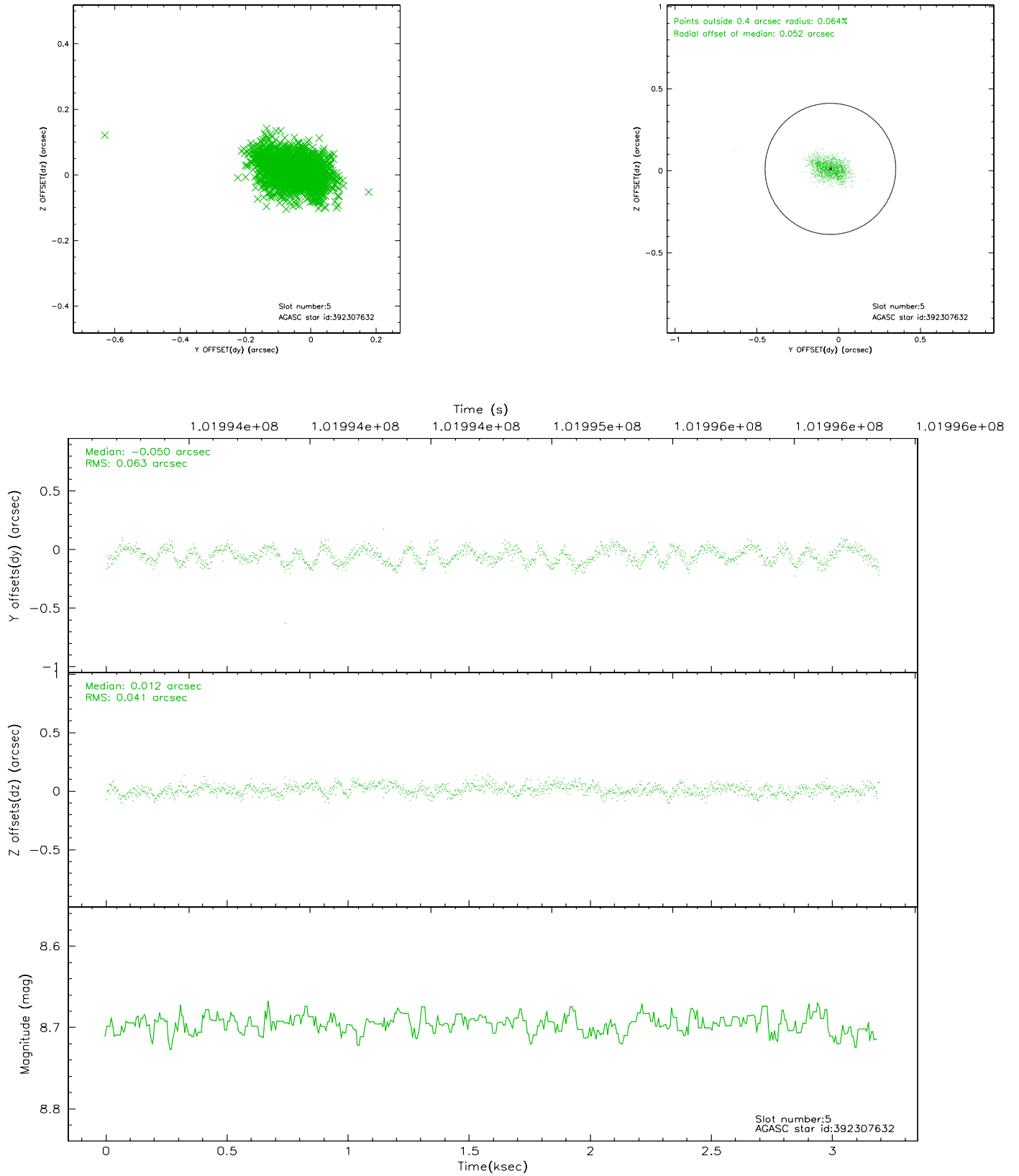
2.4.1 Slot 3



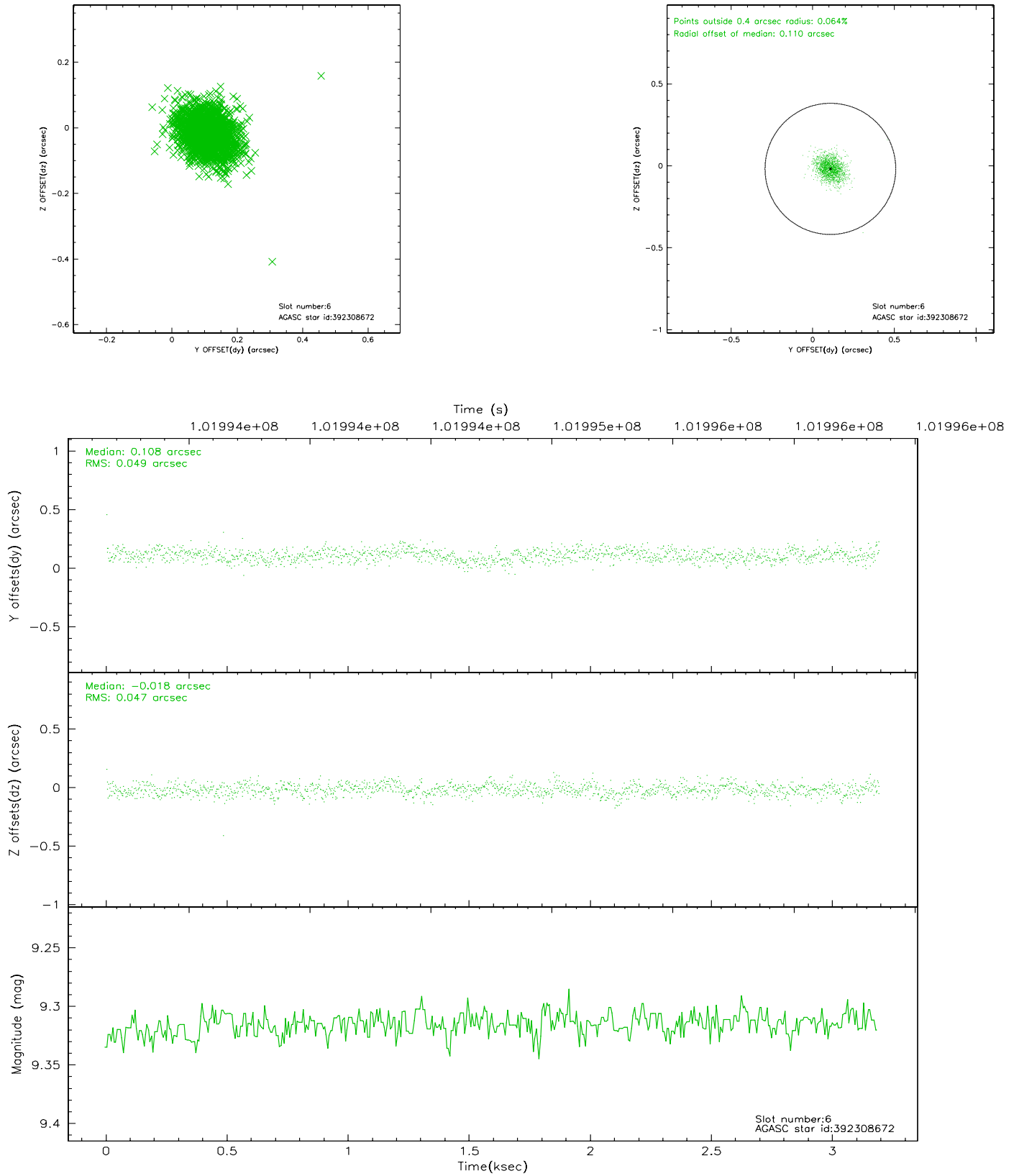
2.4.2 Slot 4



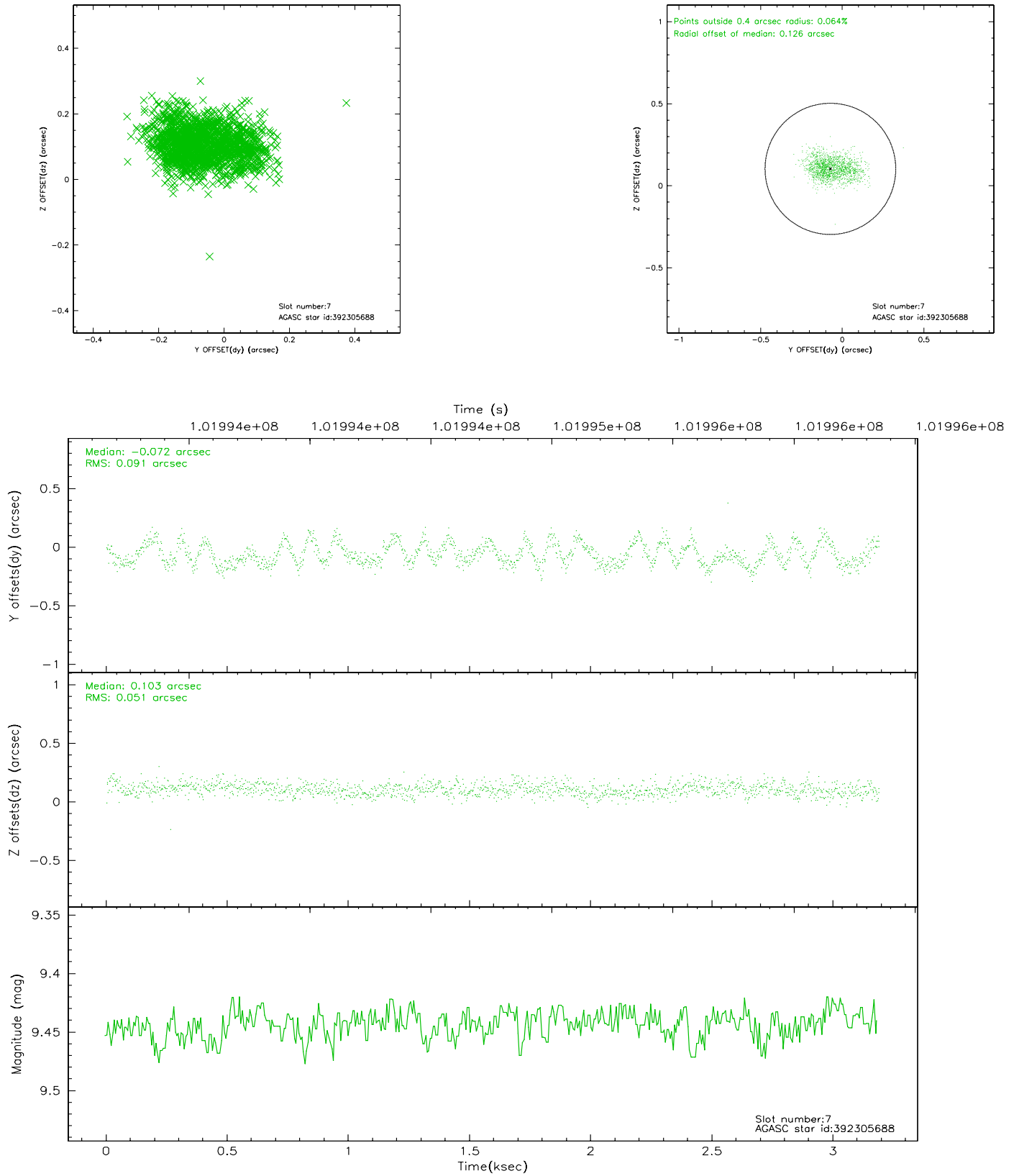
2.4.3 Slot 5



2.4.4 Slot 6

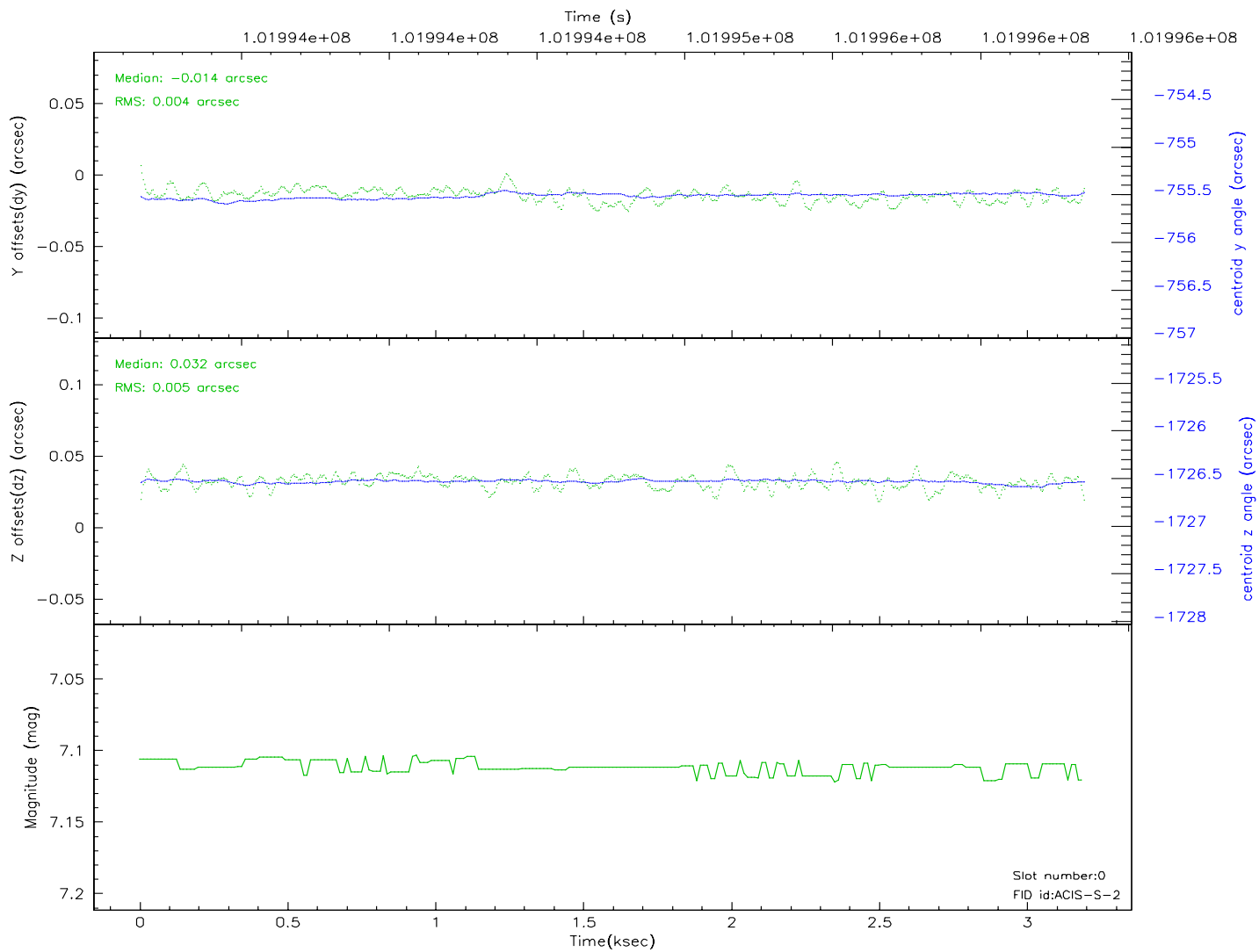
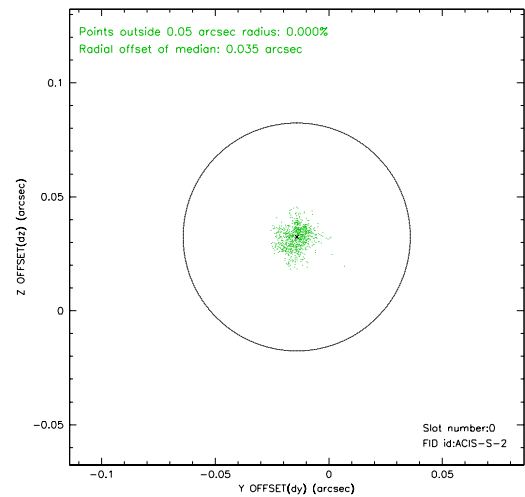
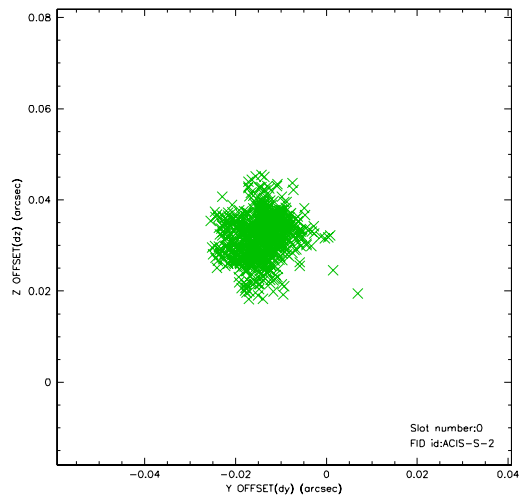


2.4.5 Slot 7

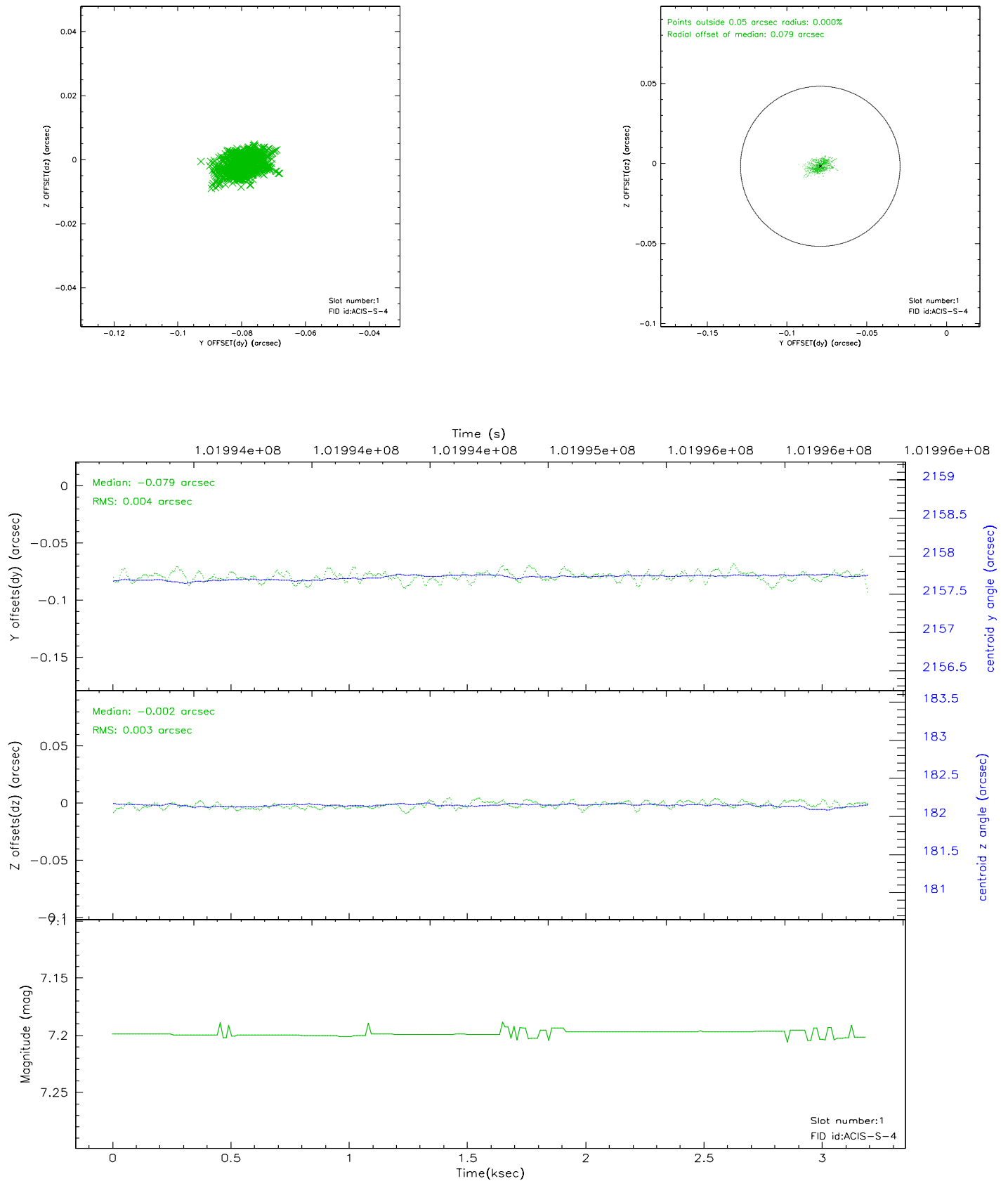


2.5 FID Slots

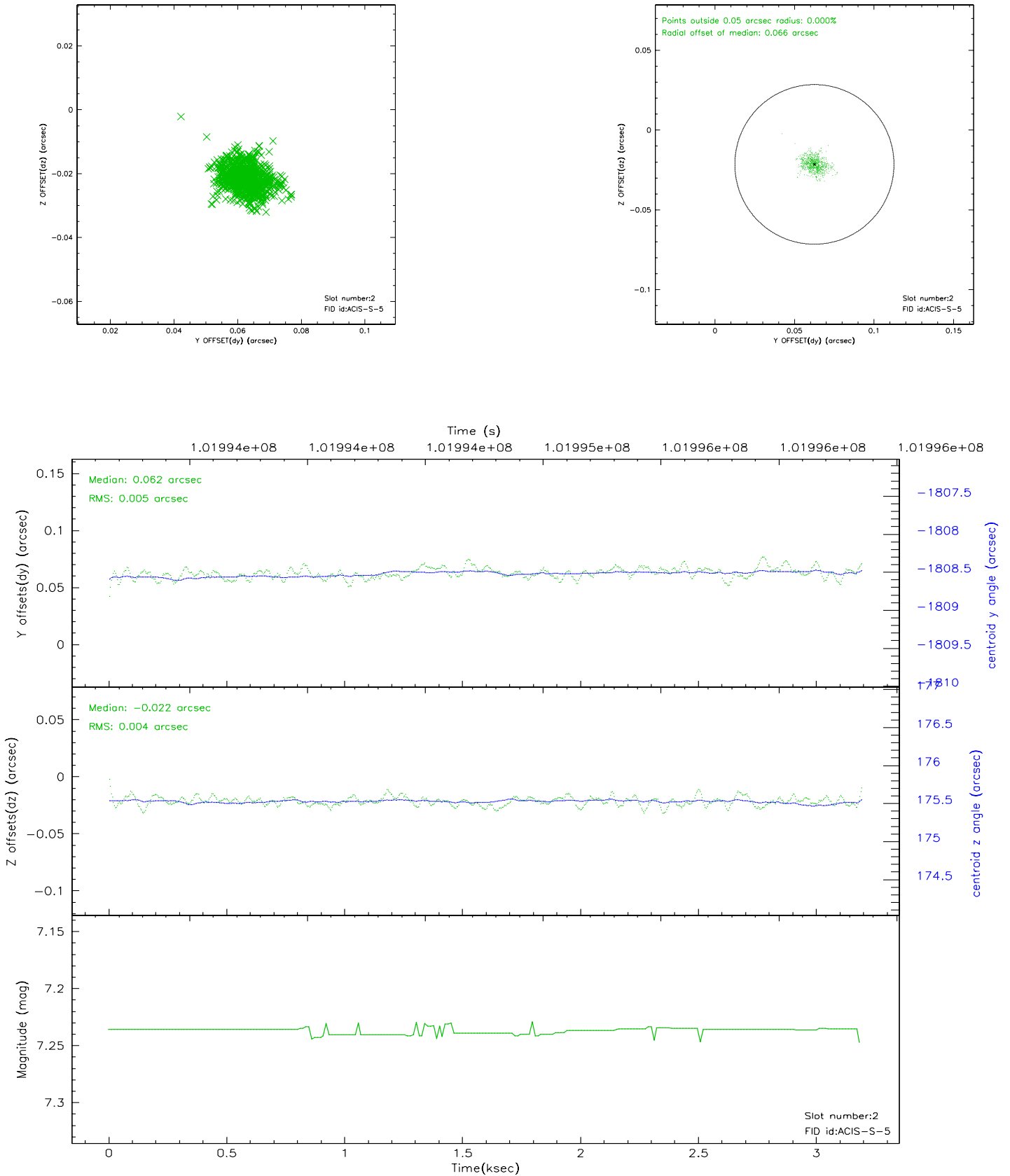
2.5.1 Slot 0



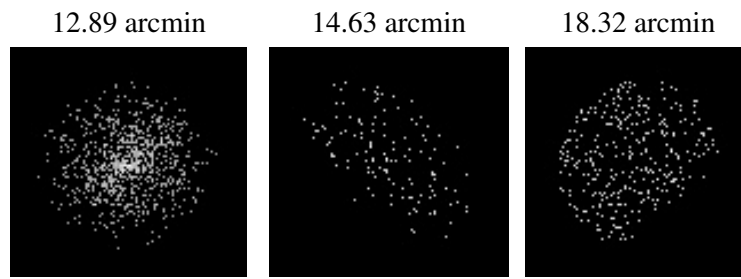
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7

A.2 Comments