

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1960 - L2 Version 002
Chandra X-Ray Center

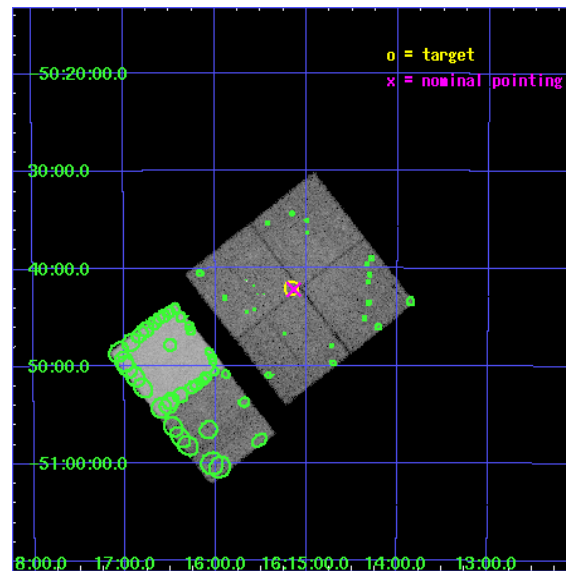
L2 Processing Date : Jan 12 2007

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1 Front

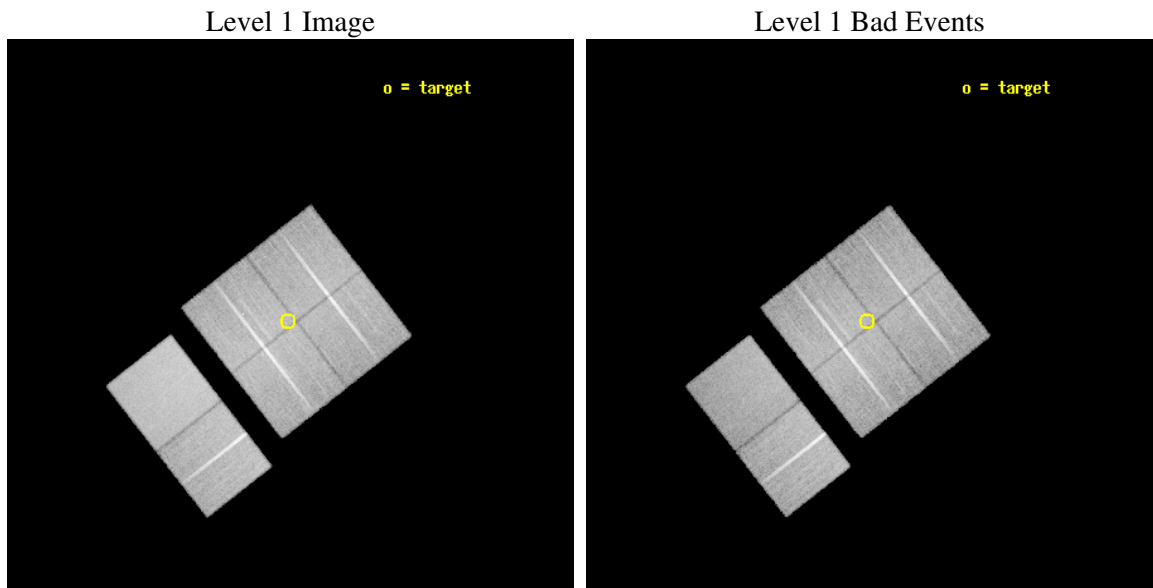
seq_num	500137
obs_id	1960
title	A STUDY OF LESSER KNOWN GALACTIC SUPERNOVA REMNANTS
observer	Dr. Jacco Vink
object	G332.+0.1
dtcycle	0
cycle	P
ra_targ	243.790833
dec_targ	-50.700833
ra_nom	243.78432233933
dec_nom	-50.703126905805
roll_nom	232.0175633982
revision	4
ontime	29945.559077635
livetime	29566.370377543
ontime0	29948.800027892
ontime1	29948.800027892
ontime2	29948.800027892
ontime3	29945.559077635
ontime6	29945.559067652
ontime7	29948.800027892
l2events	236437



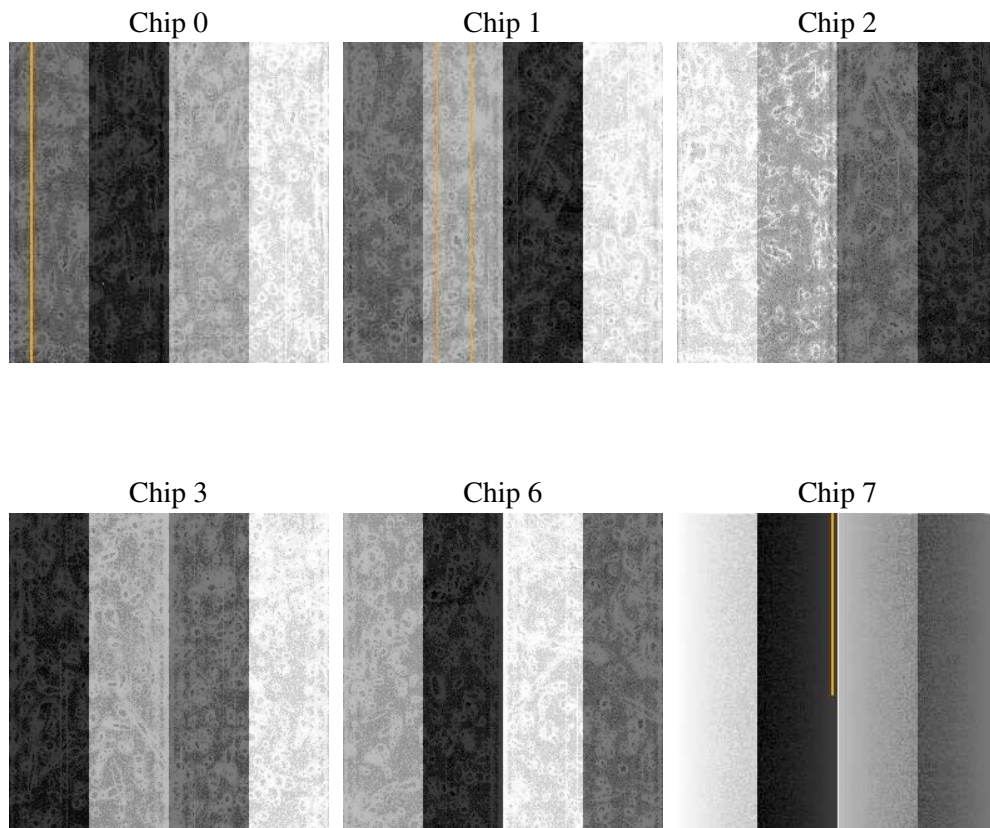
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-12T15:59:15
revision	4

sched_exp_time	30000.000000
ontime	29945.559077635
ontime0	29948.800027892
ontime1	29948.800027892
ontime2	29948.800027892
ontime3	29945.559077635
ontime6	29945.559067652
ontime7	29948.800027892
l1events	1251375

2.1.4 Events

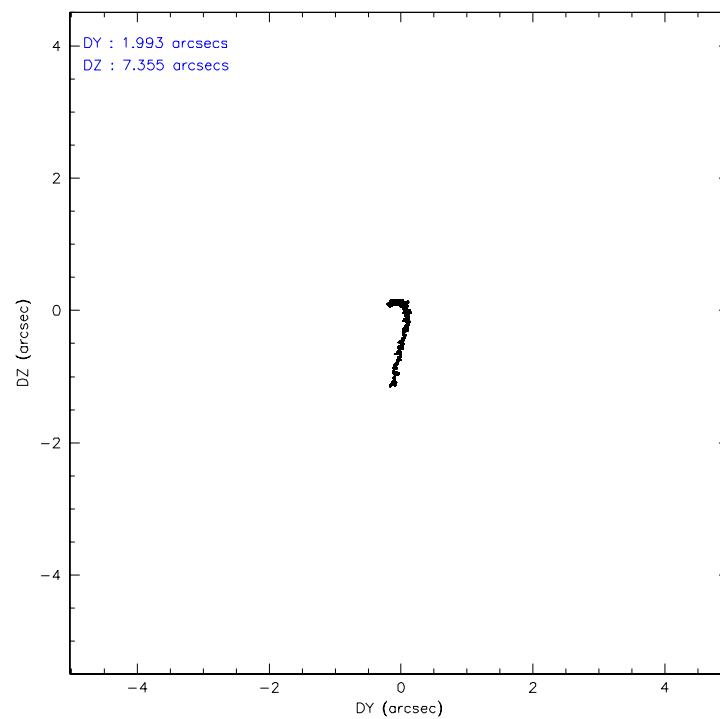
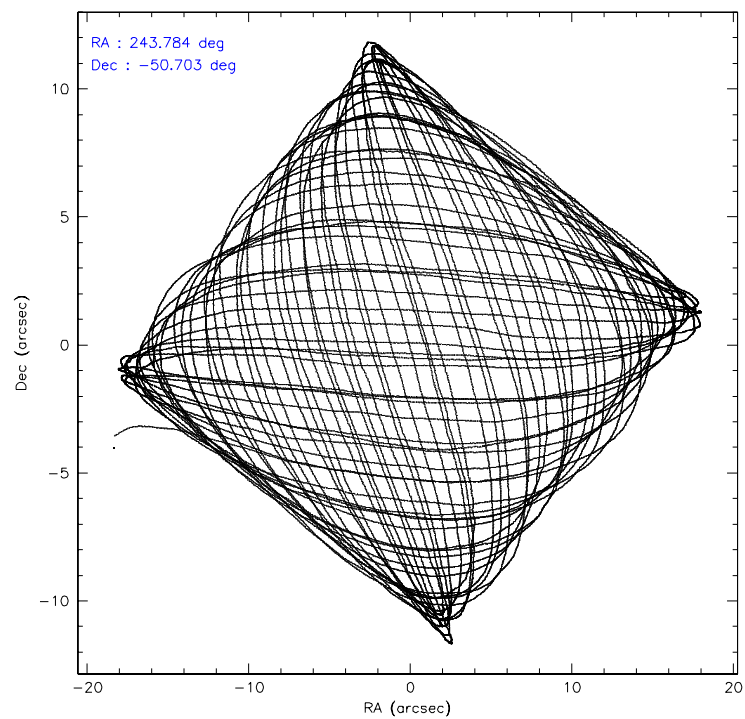
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	185071	186188	203303	205371	213395	258047
rejected events	155794	155401	174557	175456	185161	145772
rejected %	84%	83%	85%	85%	86%	56%

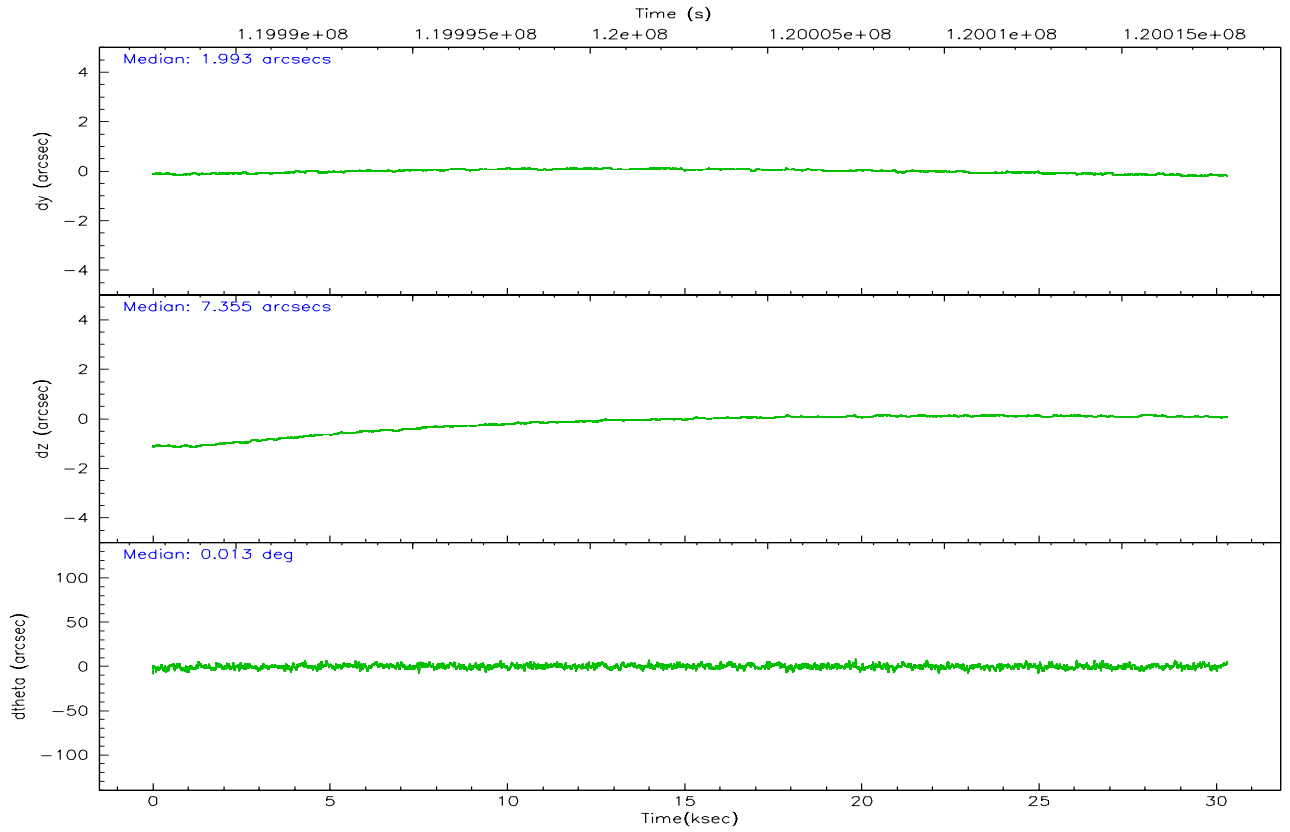
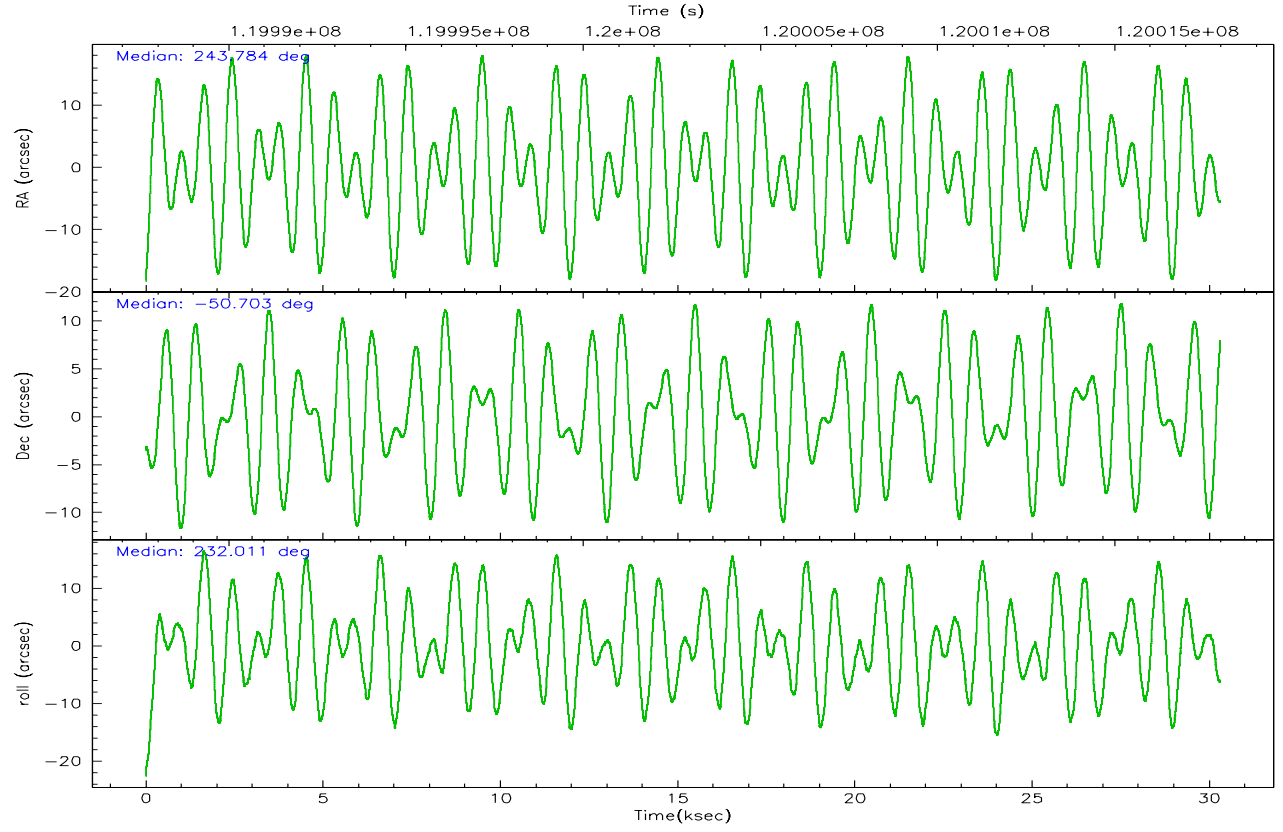
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	14041	14447	14064	14923	12927	11450
	7%	7%	6%	7%	6%	4%
grade 1 events	119	114	110	112	81	265
	0%	0%	0%	0%	0%	0%
grade 2 events	6014	6168	6018	5811	5692	22598
	3%	3%	2%	2%	2%	8%
grade 3 events	2407	2608	2154	2332	2359	10327
	1%	1%	1%	1%	1%	4%
grade 4 events	2224	2656	2284	2221	2343	10321
	1%	1%	1%	1%	1%	3%
grade 5 events	6911	7374	6286	7533	8211	23691
	3%	3%	3%	3%	3%	9%
grade 6 events	4596	4920	4239	4638	4926	57618
	2%	2%	2%	2%	2%	22%
grade 7 events	148759	147901	168148	167801	176856	121777
	80%	79%	82%	81%	82%	47%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	243.790269	243.7843223393336	Subarray requested	NONE	NONE
Pointing Dec	-50.675957	-50.70312690580547	Alternating exposures requested	N	N
Pointing Roll	231.813475	232.0175633982037	Primary exposure time	0.000000	3.2
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	119987975.184000	119986951.16237			
Observation start date	2001-10-20T17:58:31	2001-10-20T17:42:31			
Observation end time	120017975.184000	120018866.07614			
Observation end date	2001-10-21T02:18:31	2001-10-21T02:34:26			
Read mode	TIMED	TIMED			

2.3 Aspect



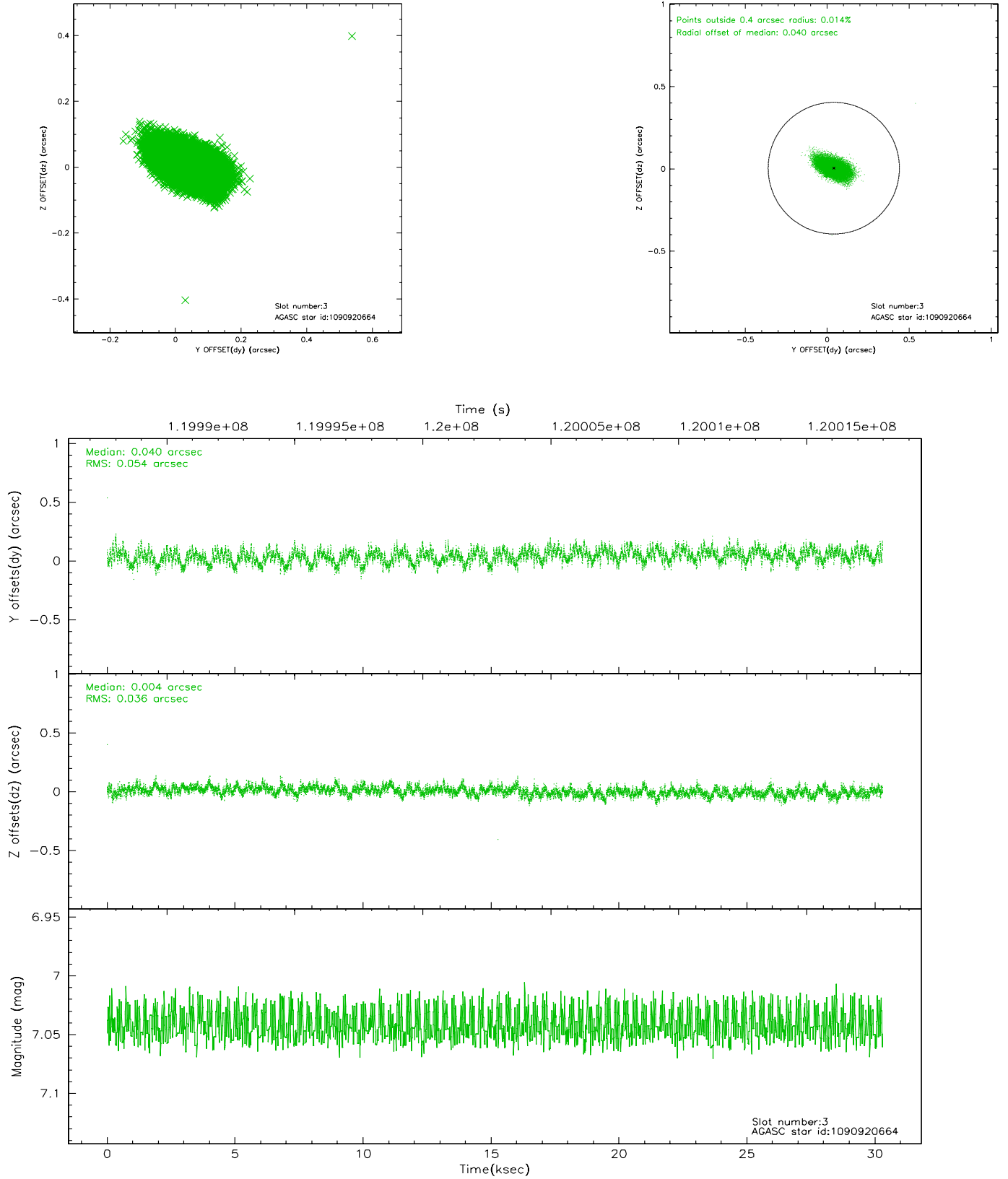


Slot Statistics

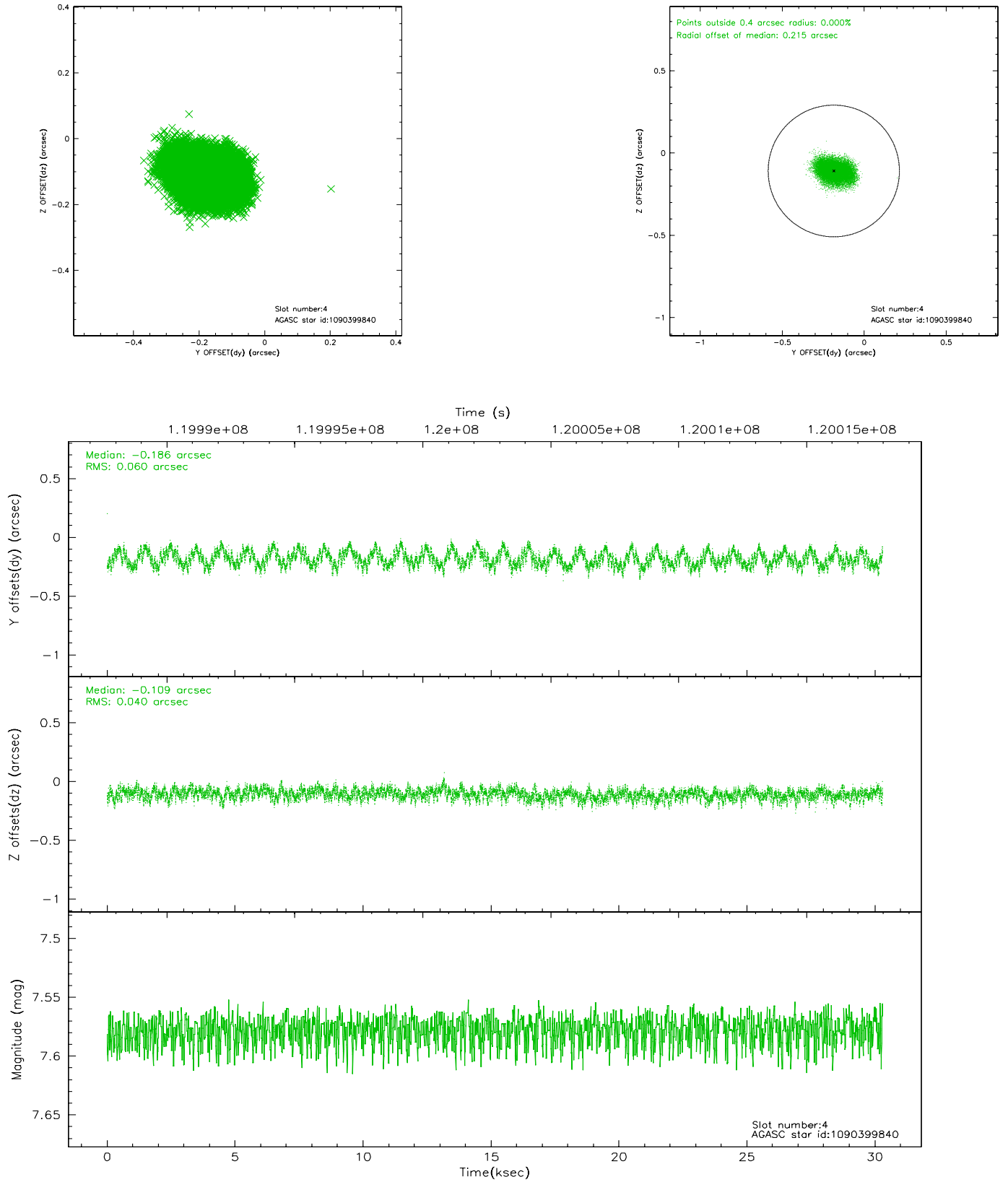
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	7391	-0.076	0.017	0.005	0.009	0.000000	0.000000	937.53	-830.78
1	FID	ACIS-I-3	7.45	7390	0.018	0.030	0.005	0.009	0.000000	0.000000	55.13	-963.88
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	1090920664	7.04	14783	0.040	0.004	0.067	0.116	242.511534	-50.759901	2056.65	-2086.08
4	GUIDE	1090399840	7.58	14782	-0.186	-0.109	0.078	0.124	243.797224	-49.874464	-2278.97	-1771.56
5	GUIDE	1090924384	8.05	14786	0.091	0.082	0.076	0.124	243.330505	-50.934017	1376.48	-243.35
6	GUIDE	1090521824	9.14	14710	0.004	0.065	0.086	0.141	244.711253	-50.470098	-1878.00	1208.61
7	GUIDE	1090523792	10.19	14701	0.051	-0.046	0.219	0.345	245.121825	-50.587791	-2111.00	2212.69

2.4 Star Slots

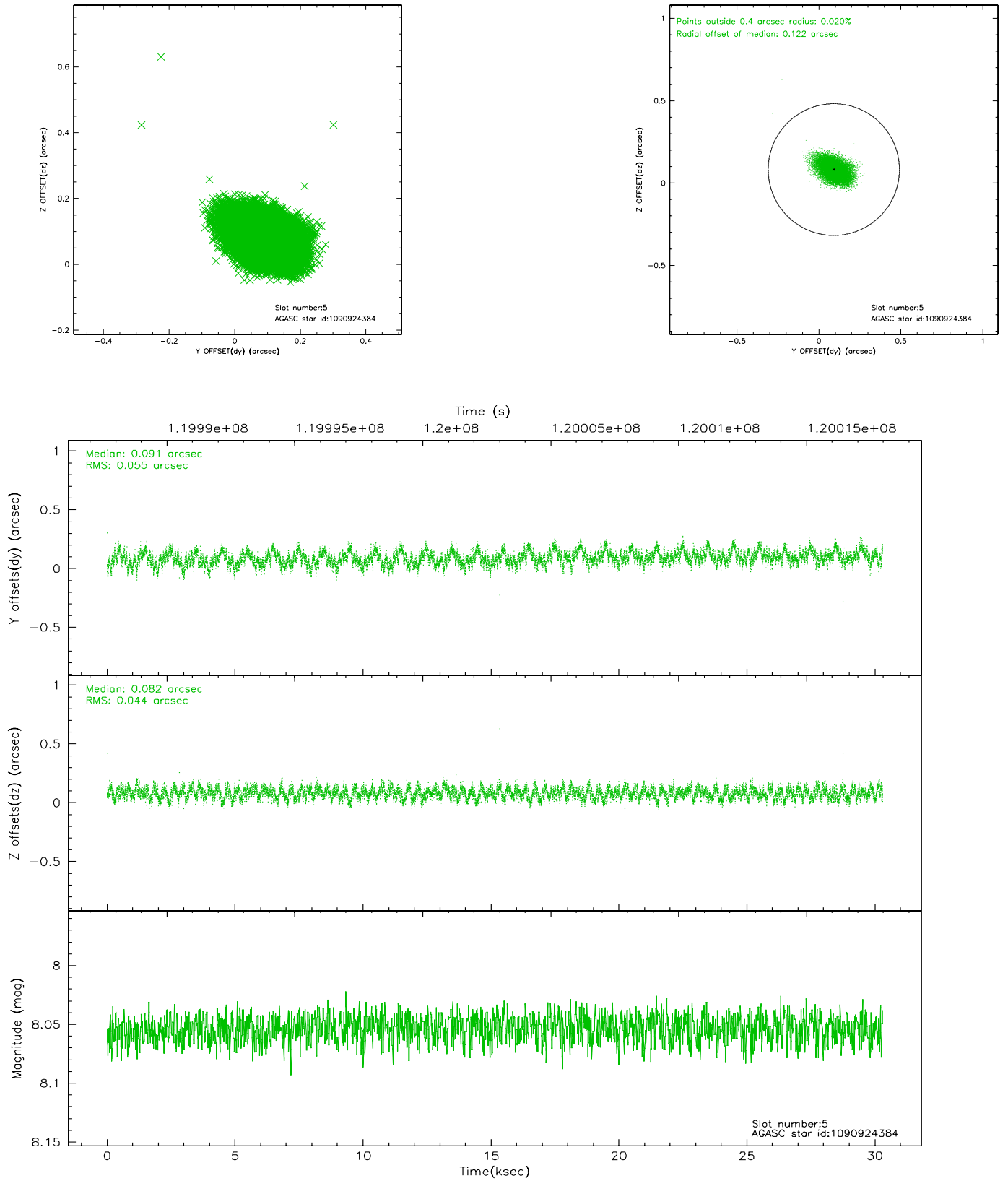
2.4.1 Slot 3



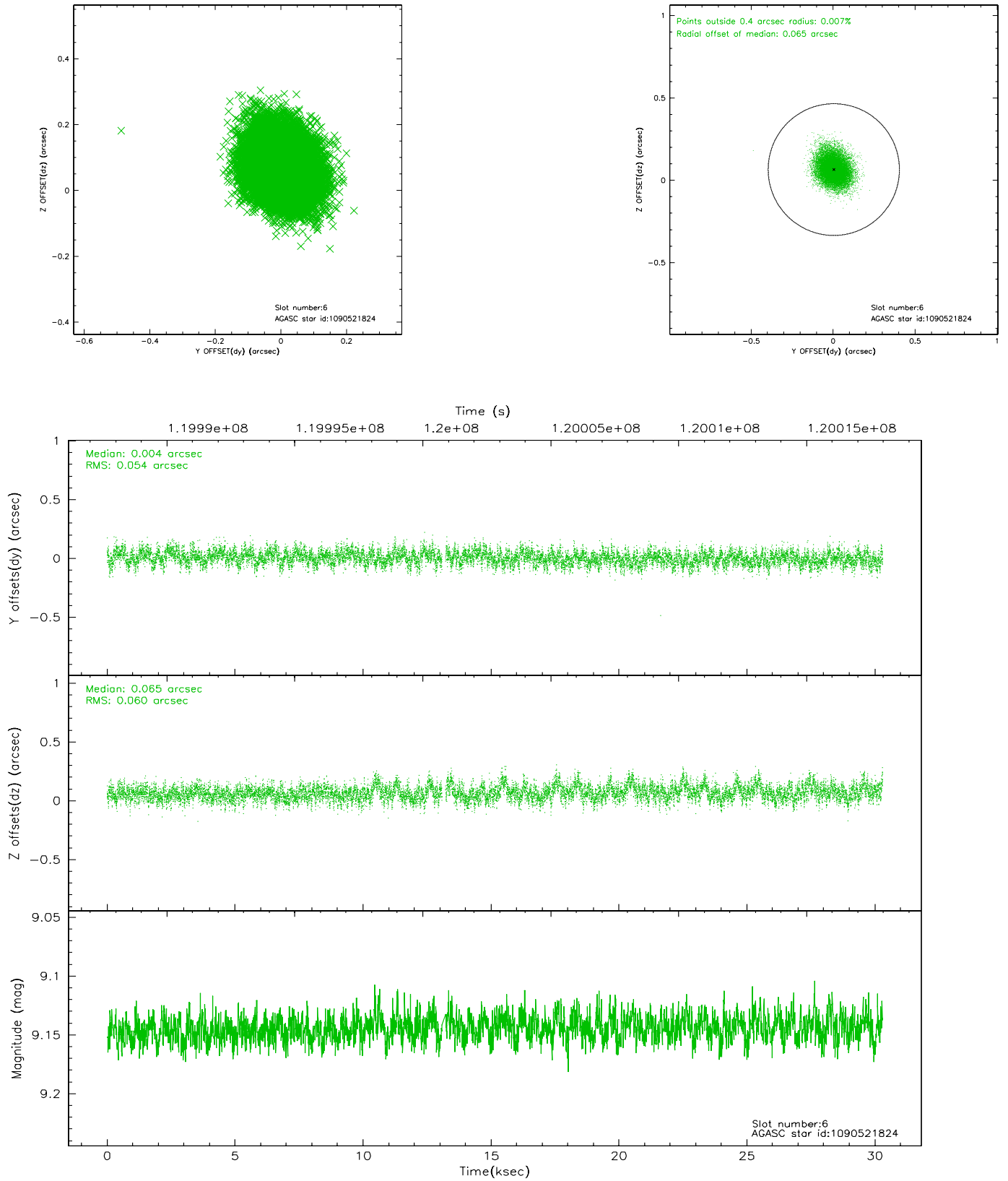
2.4.2 Slot 4



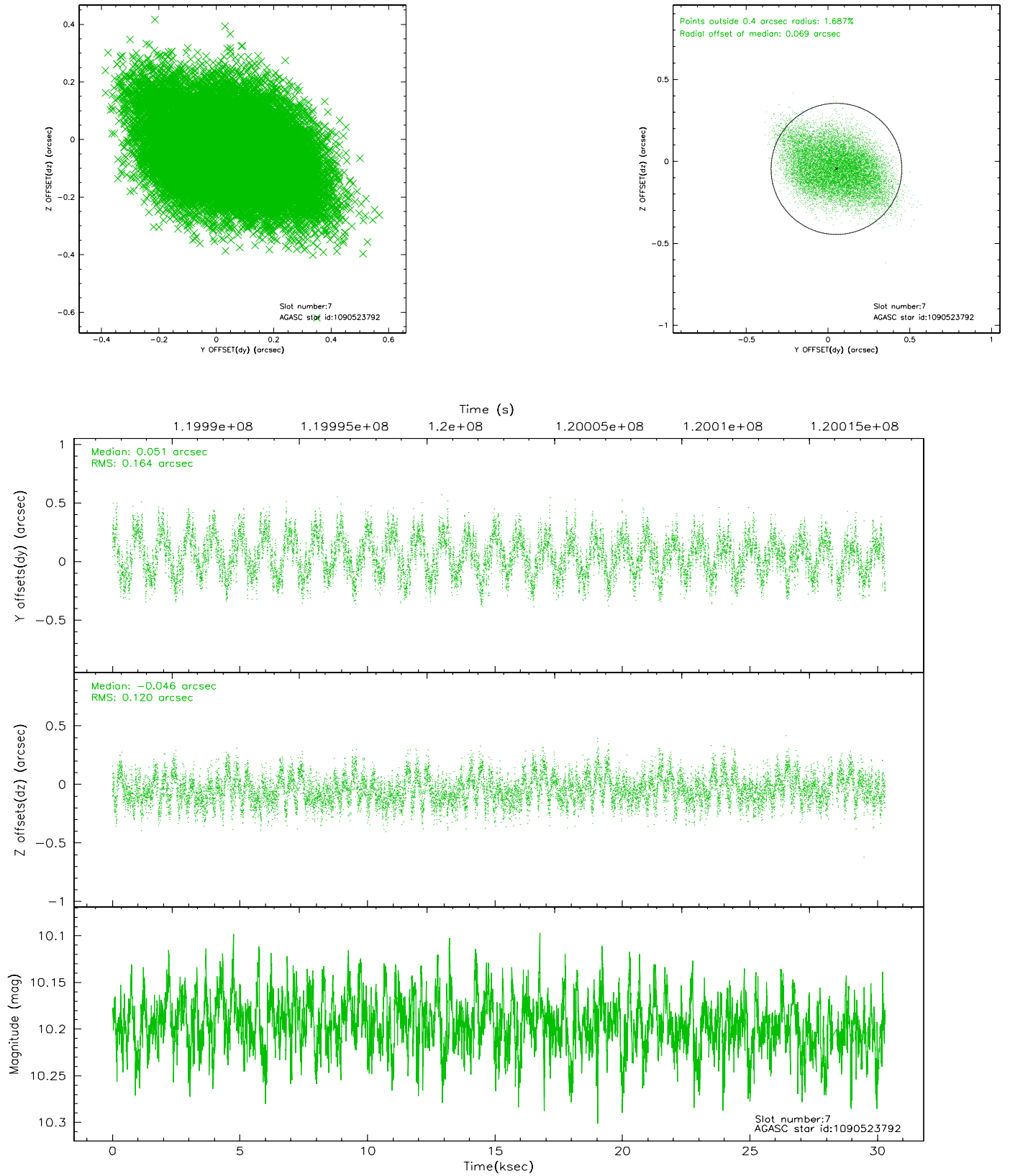
2.4.3 Slot 5



2.4.4 Slot 6

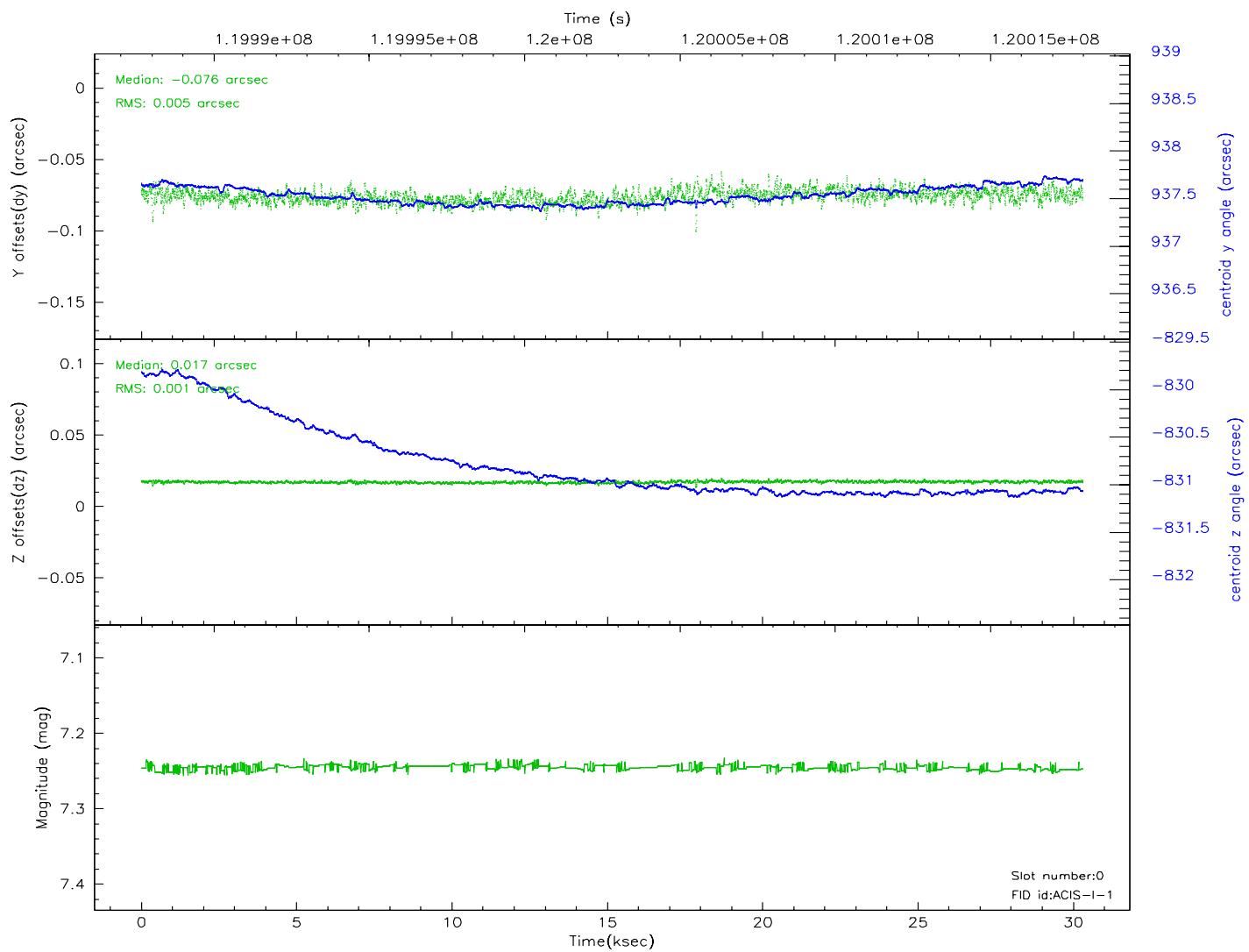
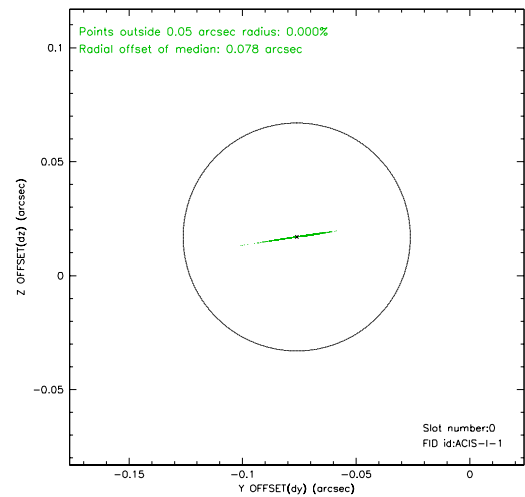
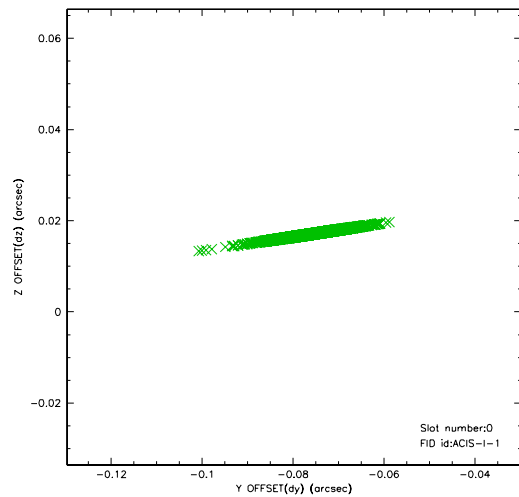


2.4.5 Slot 7

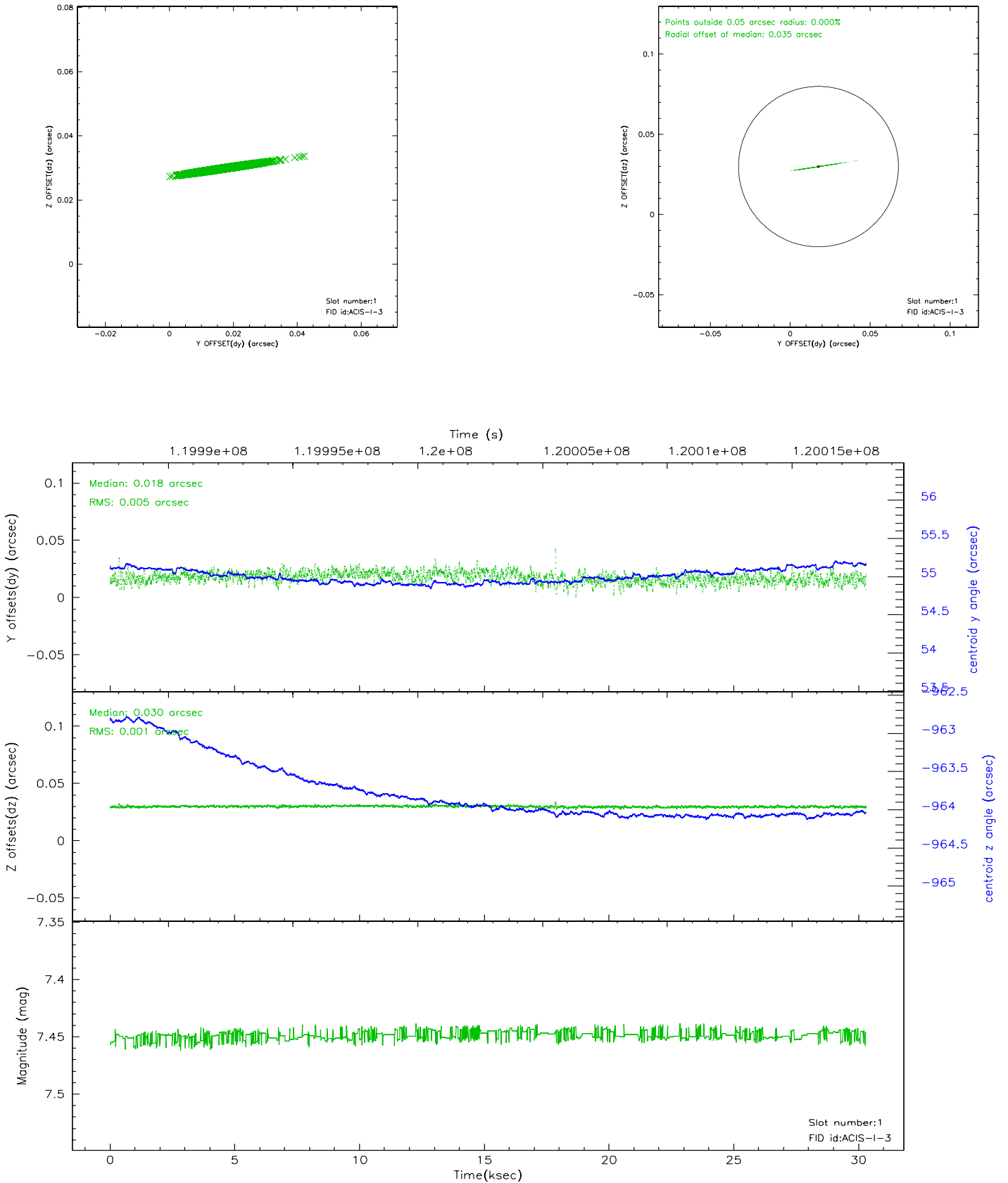


2.5 FID Slots

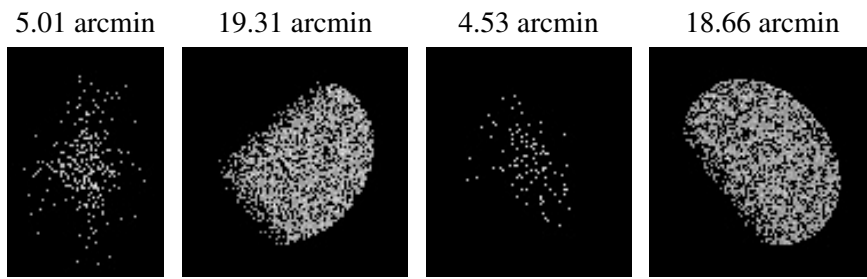
2.5.1 Slot 0



2.5.2 Slot 1



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.949

A.2 Comments

The fid light in slot 2 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded by removing one guide star or fid light from the solution.