

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4661 - L2 Version 001
Chandra X-Ray Center

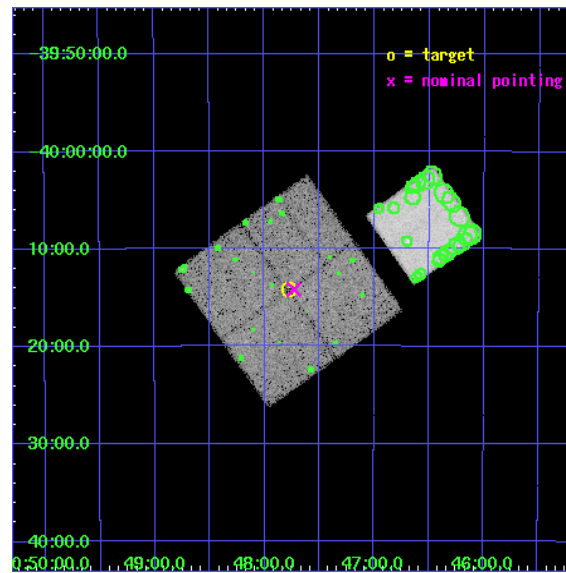
L2 Processing Date : Apr 30 2006

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1 Front

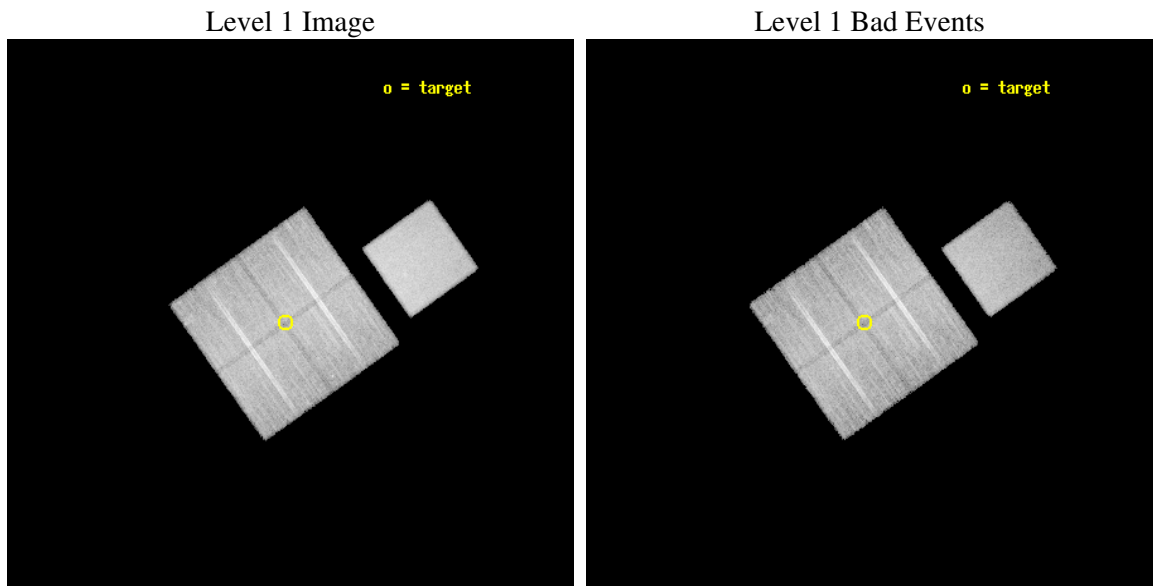
seq_num	500480
obs_id	4661
title	The Energetics and Host Galaxies of X-Ray Flashes
observer	Dr Derek Fox
object	XRF040701
dtcycle	0
cycle	P
ra_targ	311.942917
dec_targ	-40.236944
ra_nom	311.93279189009
dec_nom	-40.236429724928
roll_nom	54.556095695637
revision	2
ontime	20038.399961472
livetime	19776.583513919
ontime0	20035.258971214
ontime1	20032.117981076
ontime2	20038.399961472
ontime3	20038.399961472
ontime7	20038.399961472
l2events	139806



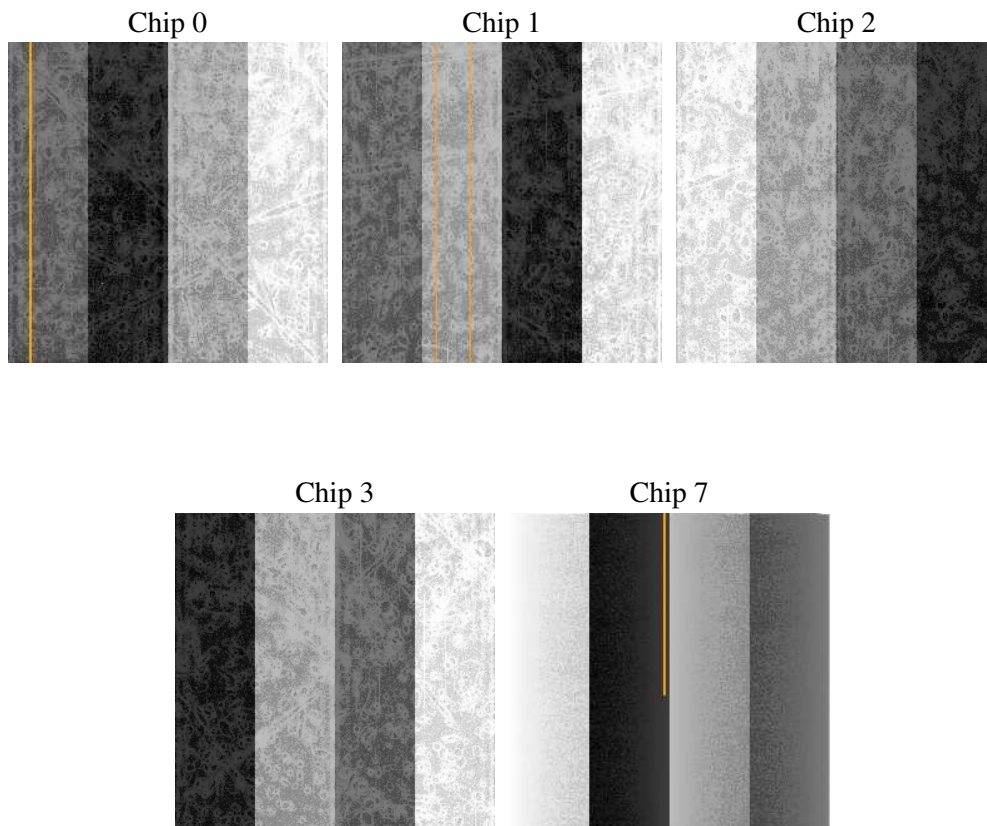
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-04-30T18:26:44
revision	2

sched_exp_time	20000.000000
ontime	20042.794949204
ontime0	20039.653958946
ontime1	20036.512968808
ontime2	20042.794949204
ontime3	20042.794949204
ontime7	20042.794969141
l1events	800755

2.1.4 Events

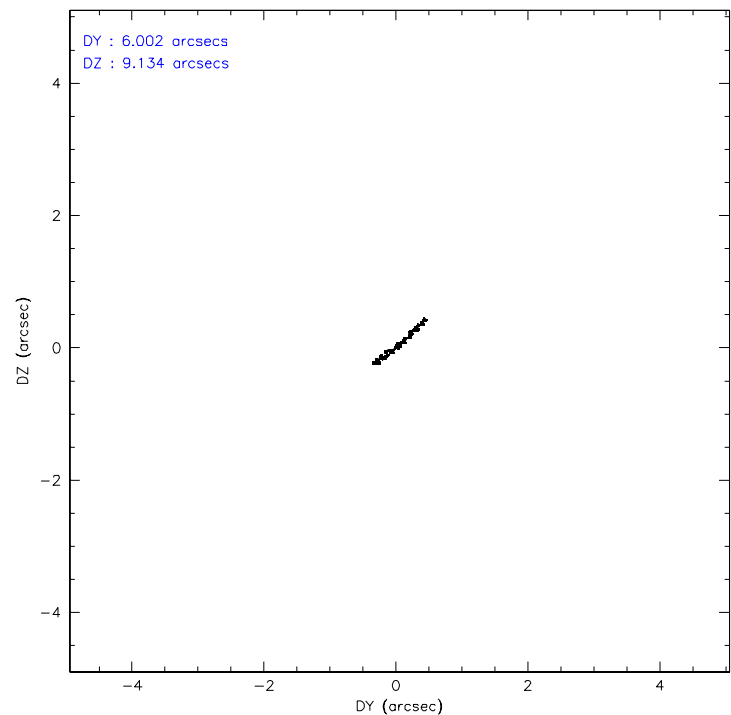
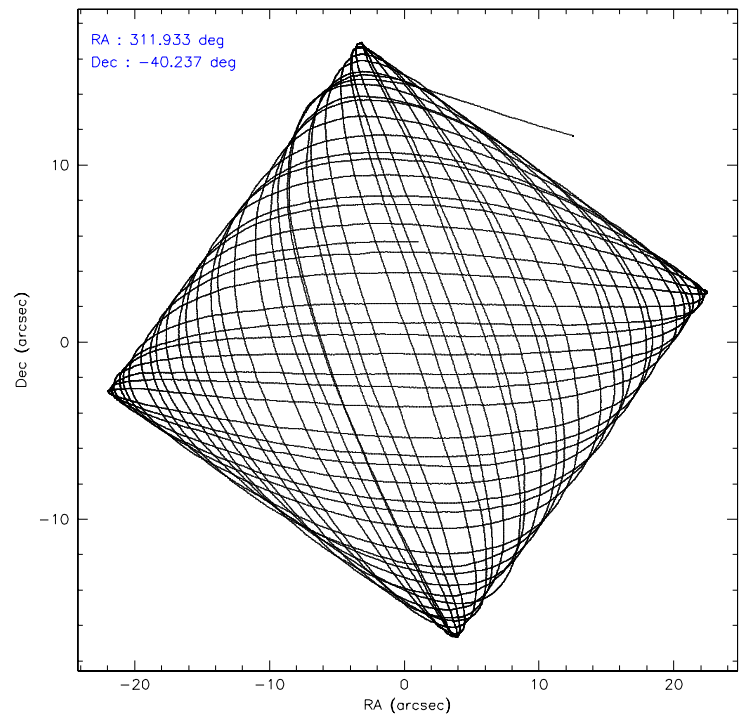
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
level 1 events	143109	144621	152120	153141	207764
rejected events	124327	125083	134068	135192	129696
rejected %	86%	86%	88%	88%	62%

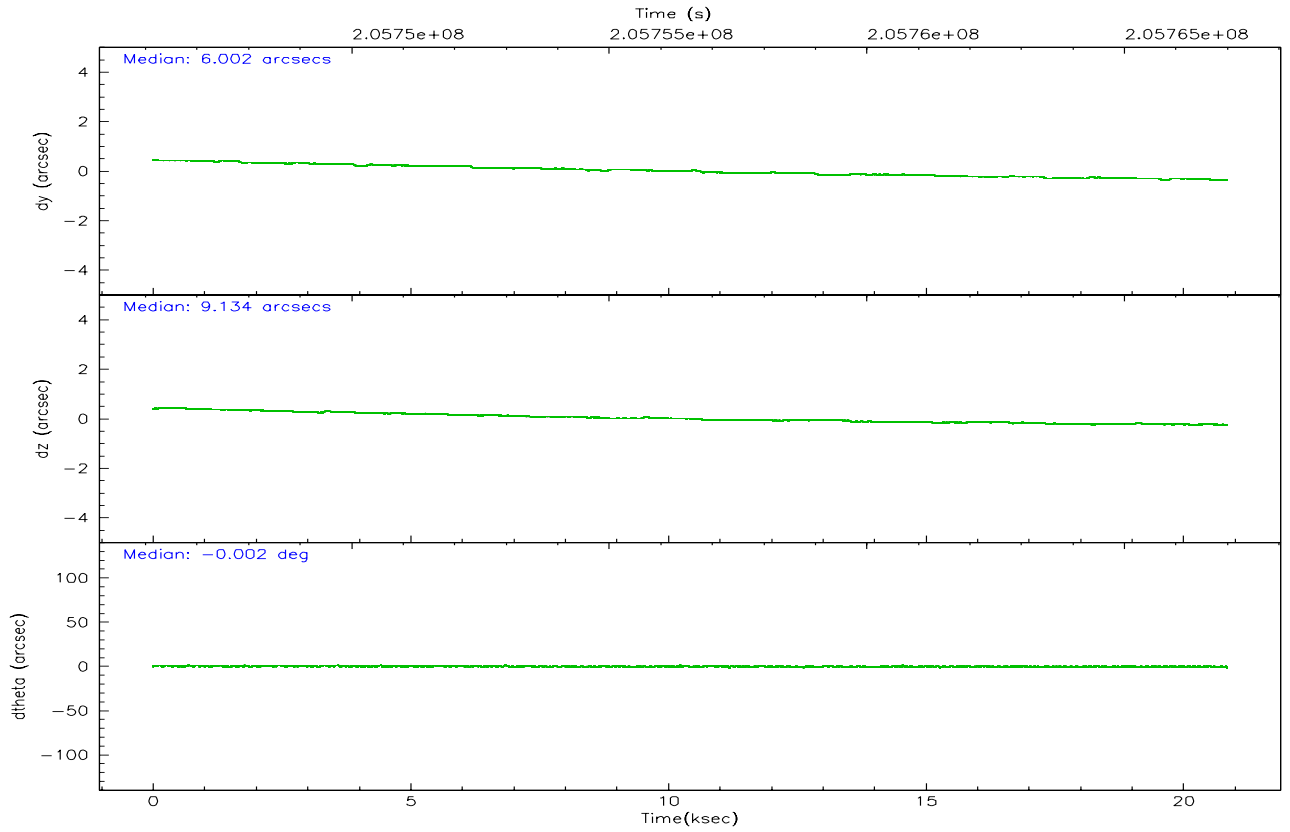
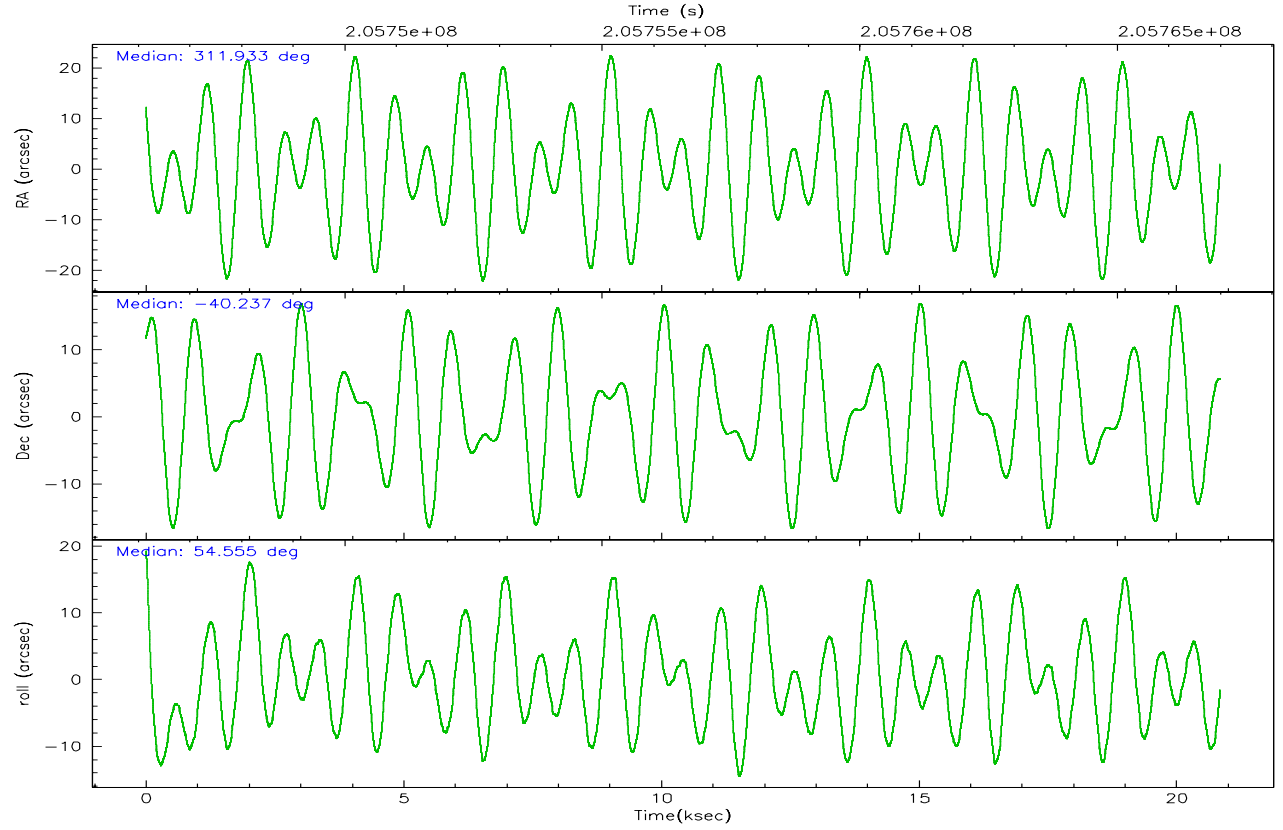
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
grade 0 events	8270	7766	7944	7857	4358
	5%	5%	5%	5%	2%
grade 1 events	89	71	80	96	156
	0%	0%	0%	0%	0%
grade 2 events	3811	4154	3738	3478	19490
	2%	2%	2%	2%	9%
grade 3 events	1785	1972	1761	1765	3875
	1%	1%	1%	1%	1%
grade 4 events	1723	1884	1636	1733	3841
	1%	1%	1%	1%	1%
grade 5 events	6372	6529	6028	6796	13741
	4%	4%	3%	4%	6%
grade 6 events	3194	3768	2981	3119	46519
	2%	2%	1%	2%	22%
grade 7 events	117865	118477	127952	128297	115784
	82%	81%	84%	83%	55%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01237	ACIS-01237	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	311.929590	311.9327918900943	Alternating exposures requested	N	N
Pointing Dec	-40.263699	-40.23642972492762	Primary exposure time	0.000000	3.1
Pointing Roll	54.345333	54.55609569563706			
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	205746987.184000	205745727.1458			
Observation start date	2004-07-09T07:55:23	2004-07-09T07:35:27			
Observation end time	205766987.184000	205767997.83429			
Observation end date	2004-07-09T13:28:43	2004-07-09T13:46:37			
Read mode	TIMED	TIMED			

2.3 Aspect



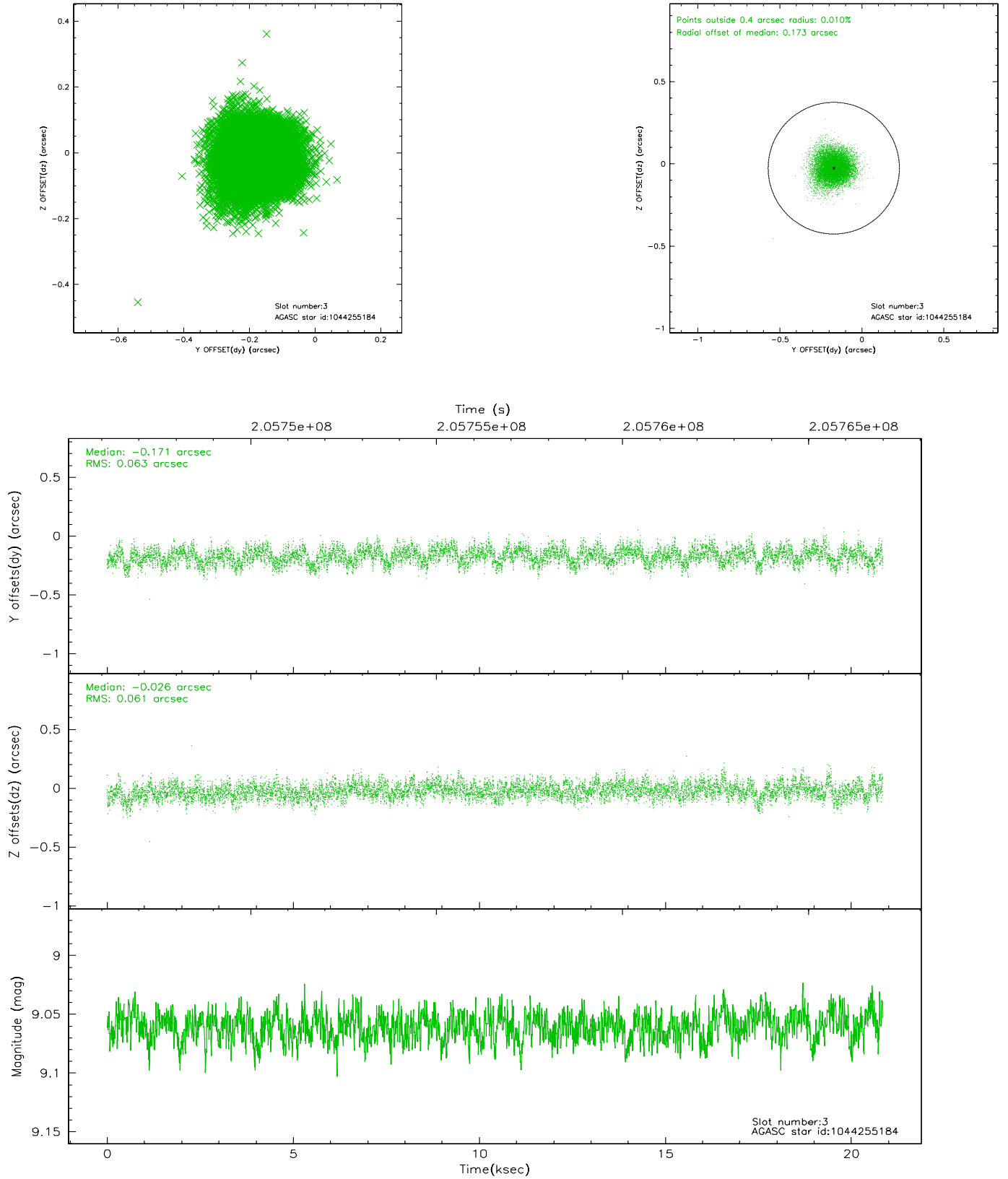


Slot Statistics

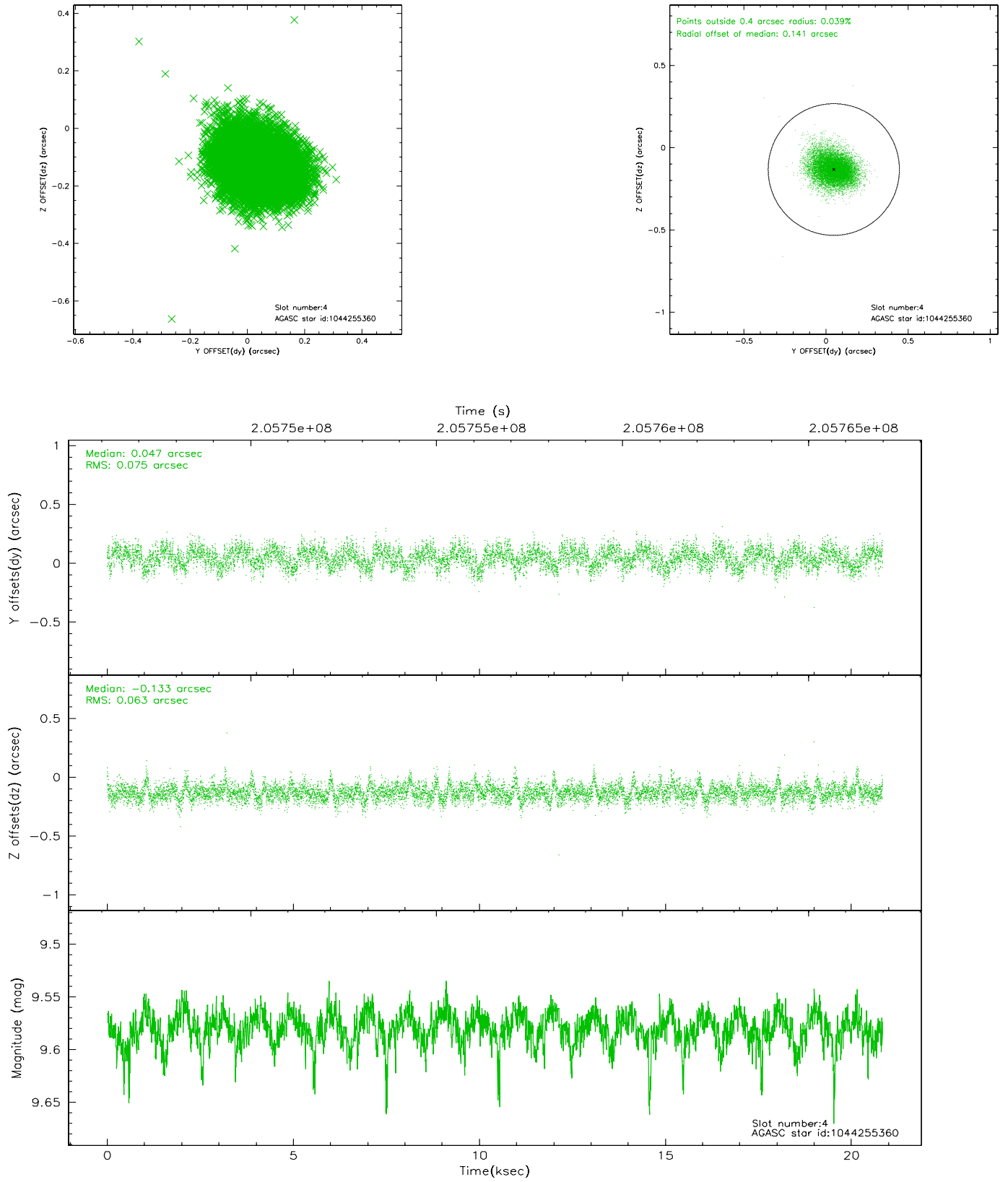
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	5085	-0.025	0.070	0.011	0.020	0.000000	0.000000	933.67	-832.54
1	FID	ACIS-I-5	7.23	5084	-0.116	0.017	0.013	0.026	0.000000	0.000000	-1814.44	1064.79
2	FID	ACIS-I-6	7.25	5085	0.048	-0.017	0.008	0.013	0.000000	0.000000	399.08	1709.47
3	GUIDE	1044255184	9.06	10167	-0.171	-0.026	0.094	0.149	311.605440	-39.616248	1368.47	2088.20
4	GUIDE	1044255360	9.58	10150	0.047	-0.133	0.104	0.170	311.423305	-40.509527	-1529.75	607.99
5	GUIDE	1044260200	7.39	10170	0.001	-0.129	0.062	0.095	312.080069	-40.001195	1009.43	213.22
6	GUIDE	1044260208	9.18	10135	0.100	0.076	0.087	0.143	311.587523	-40.801920	-2118.85	-372.98
7	GUIDE	1044260432	9.88	10154	0.023	0.213	0.137	0.220	312.352537	-40.981173	-1430.93	-2440.97

2.4 Star Slots

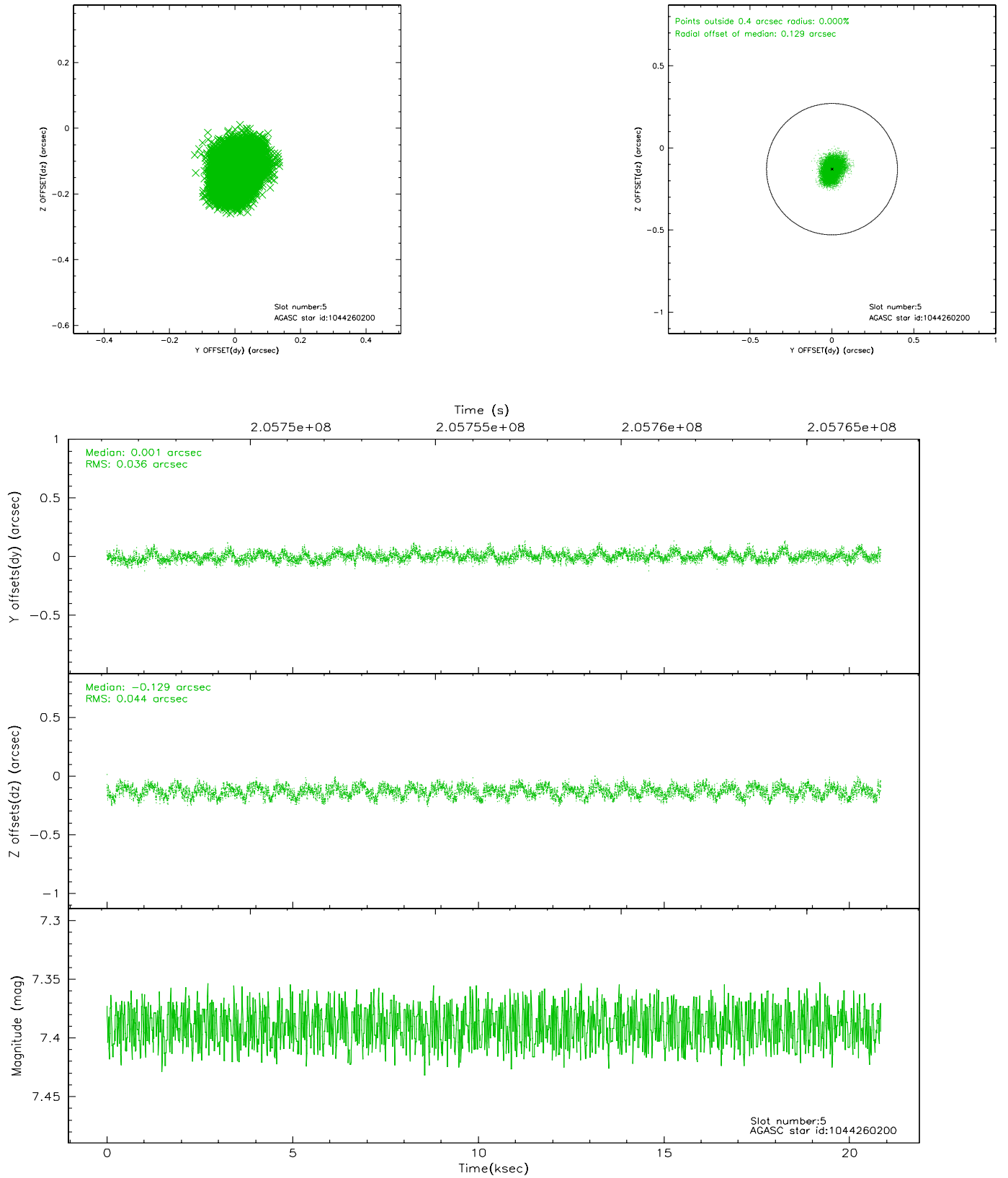
2.4.1 Slot 3



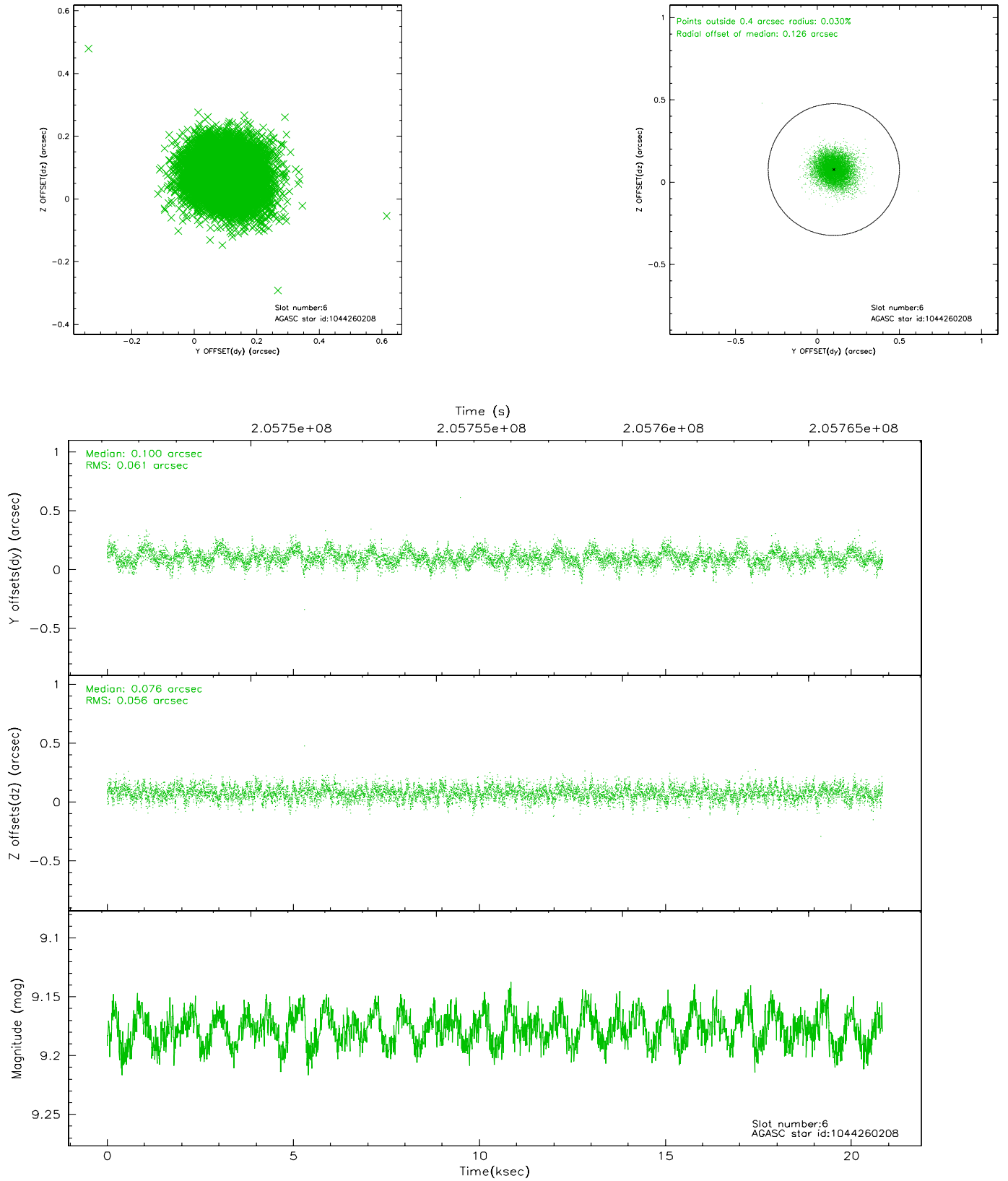
2.4.2 Slot 4



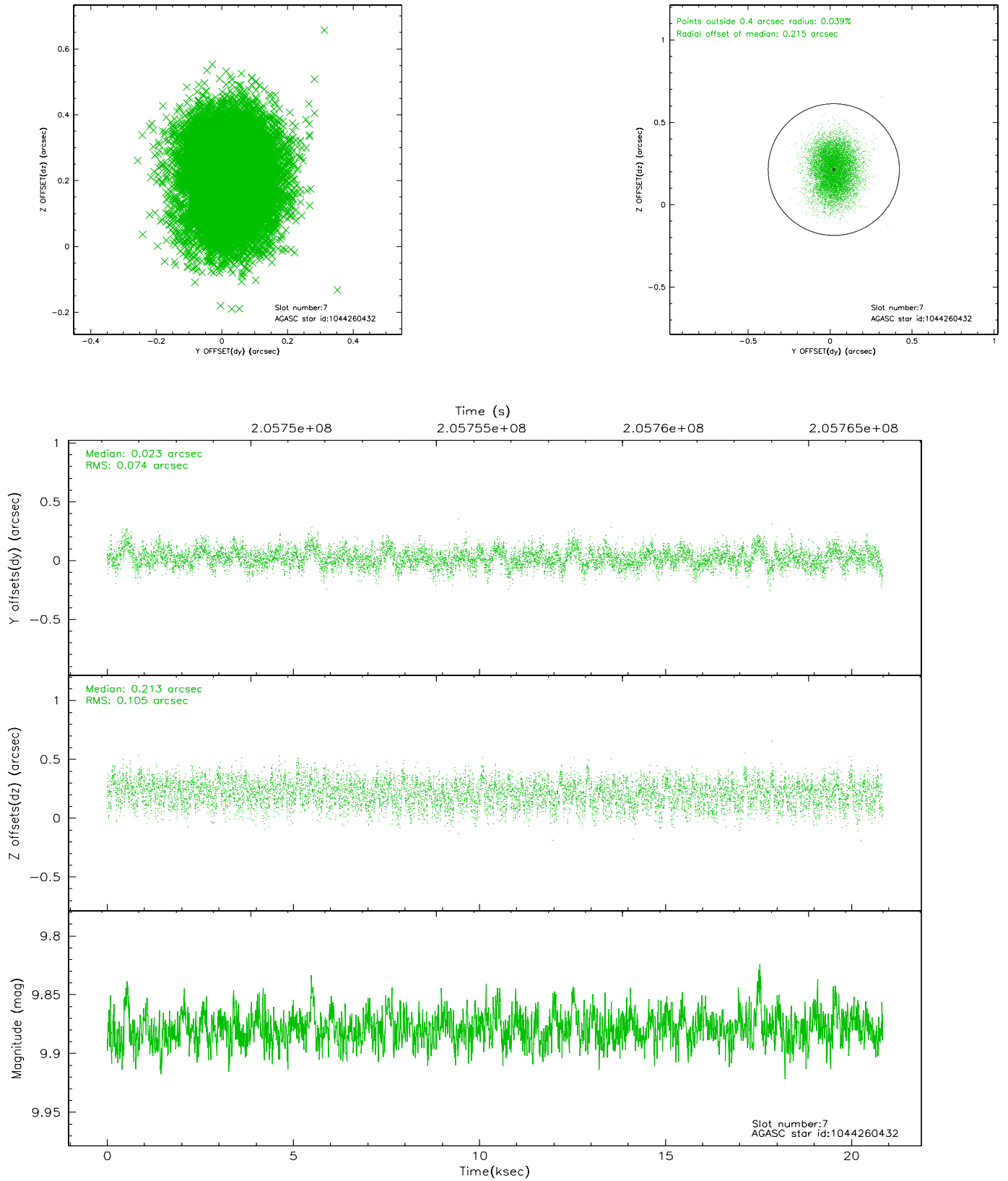
2.4.3 Slot 5



2.4.4 Slot 6

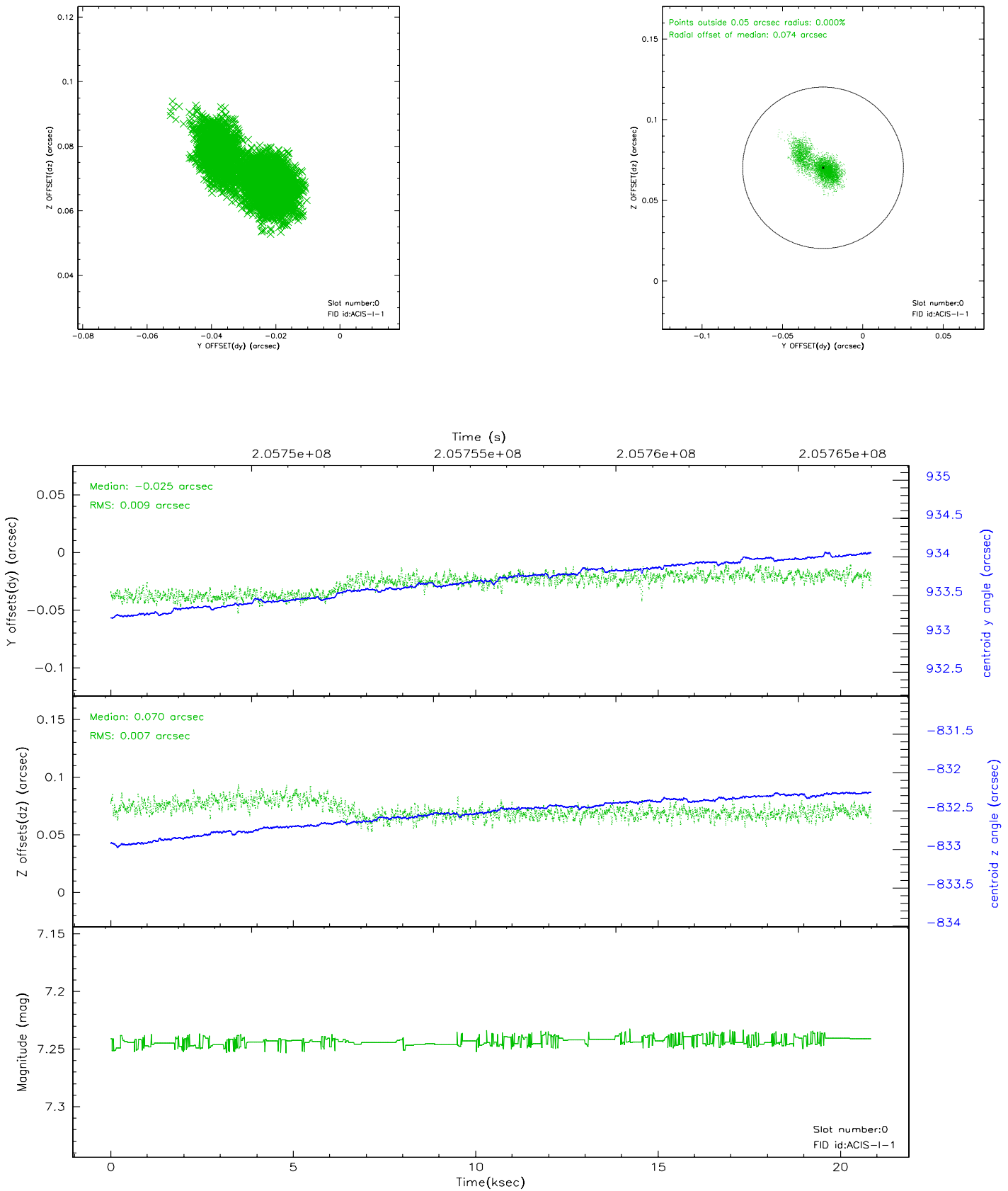


2.4.5 Slot 7

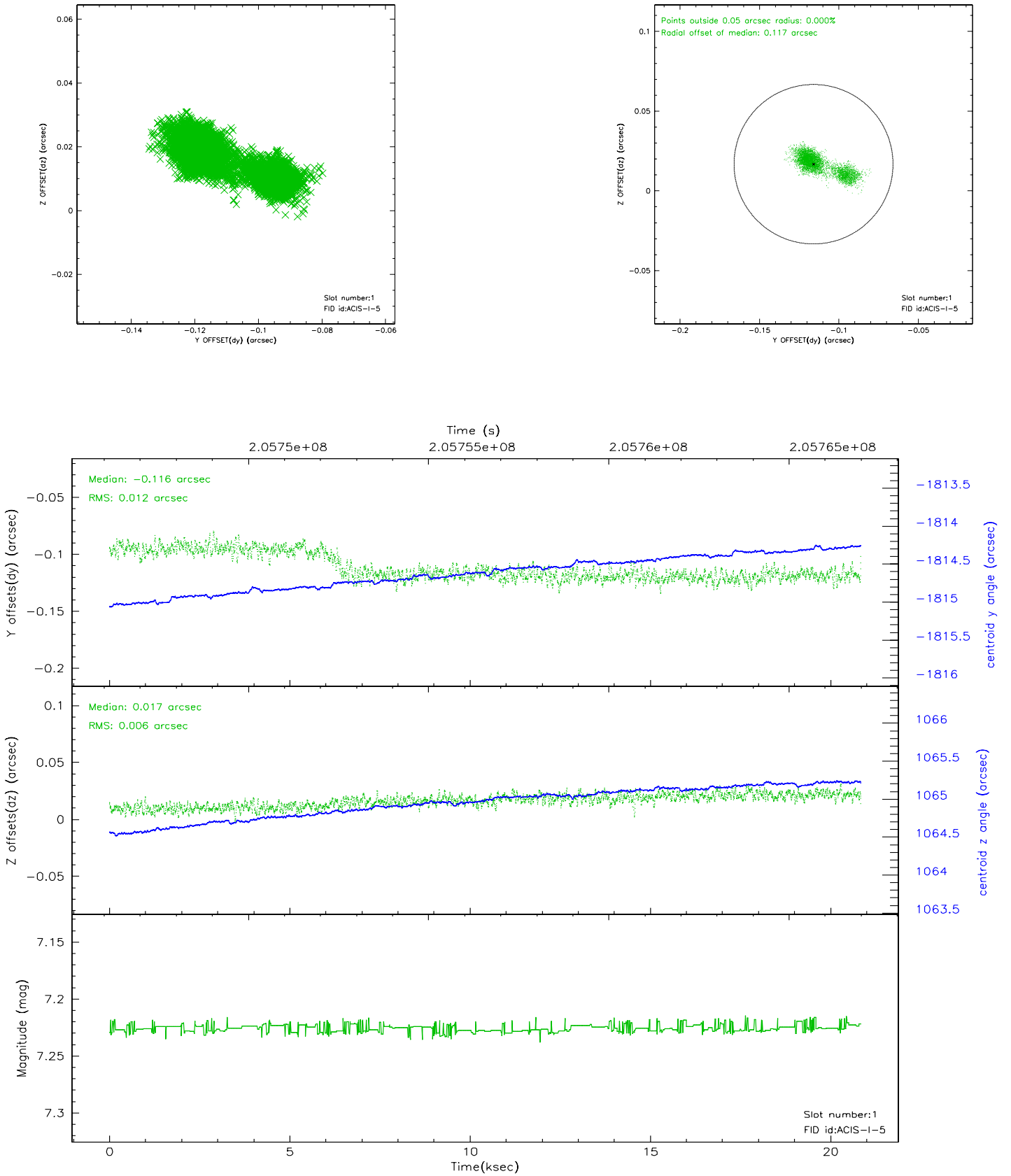


2.5 FID Slots

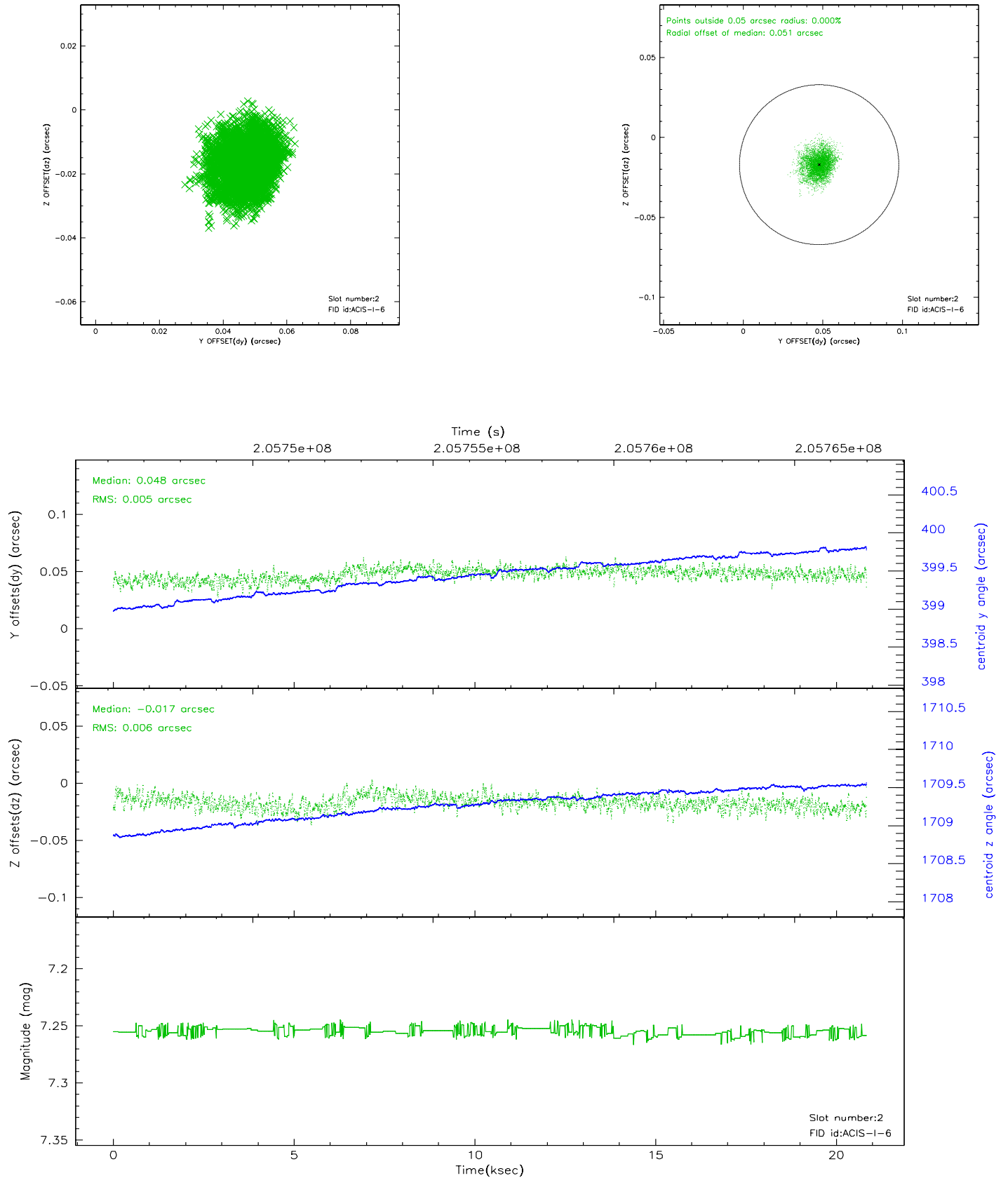
2.5.1 Slot 0



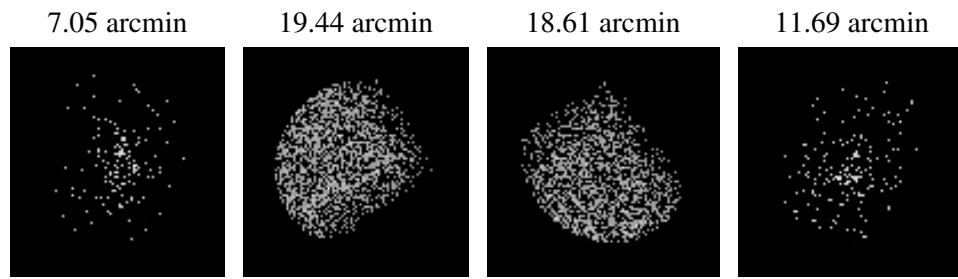
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.038

A.2 Comments