

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1872 - L2 Version 001
Chandra X-Ray Center

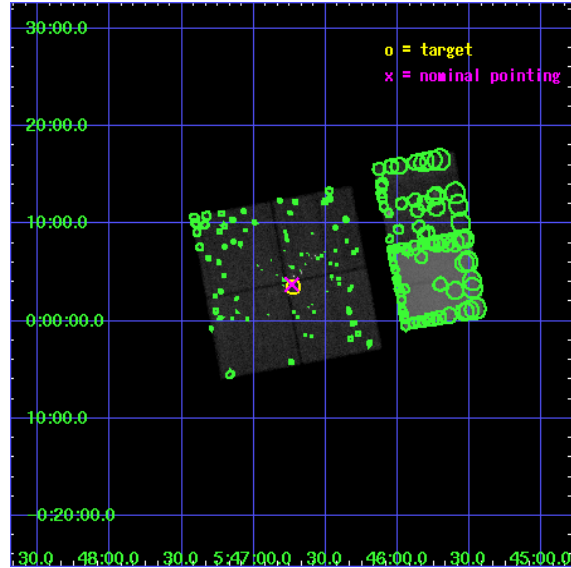
L2 Processing Date : Jun 12 2007

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1 Front

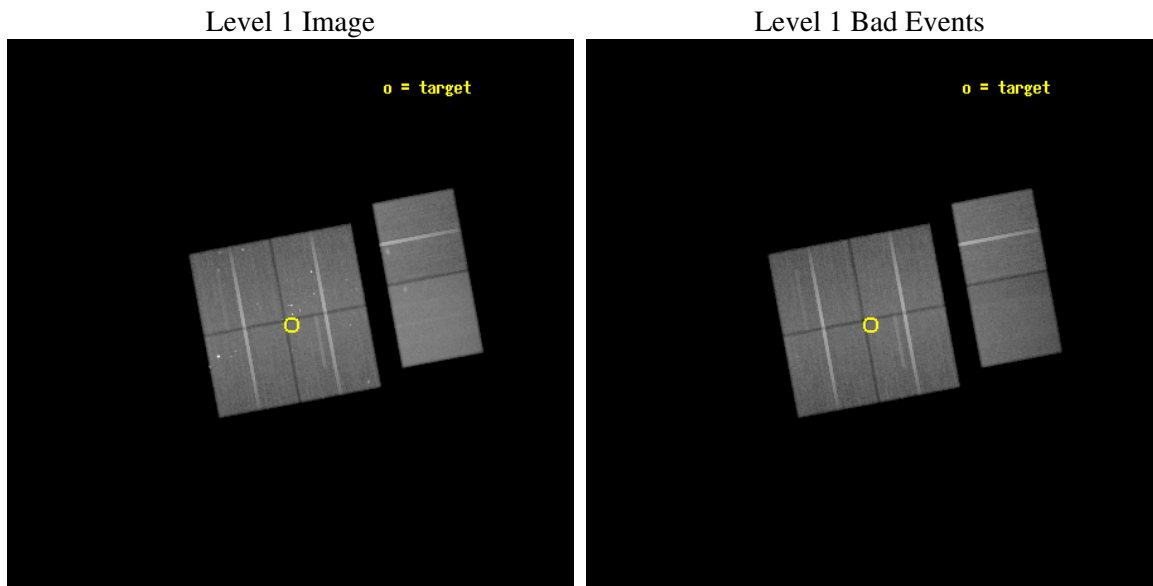
seq_num	200100
obs_id	1872
title	SEARCH FOR X-RAYS FROM COLLAPSING MAGNETIZED PRE-STELLAR CONDENSATIONS
observer	Dr Nicolas Grosso
object	NGC 2068
dtcycle	0
cycle	P
ra_targ	86.68125
dec_targ	0.058333
ra_nom	86.683945685088
dec_nom	0.062379632721482
roll_nom	79.362966642849
revision	2
ontime	95174.400088638
livetime	93969.244527572
ontime0	95174.400088638
ontime1	95164.677177995
ontime2	95174.400088638
ontime3	95174.400088638
ontime6	95174.400088638
ontime7	95174.400088638
l2events	700590



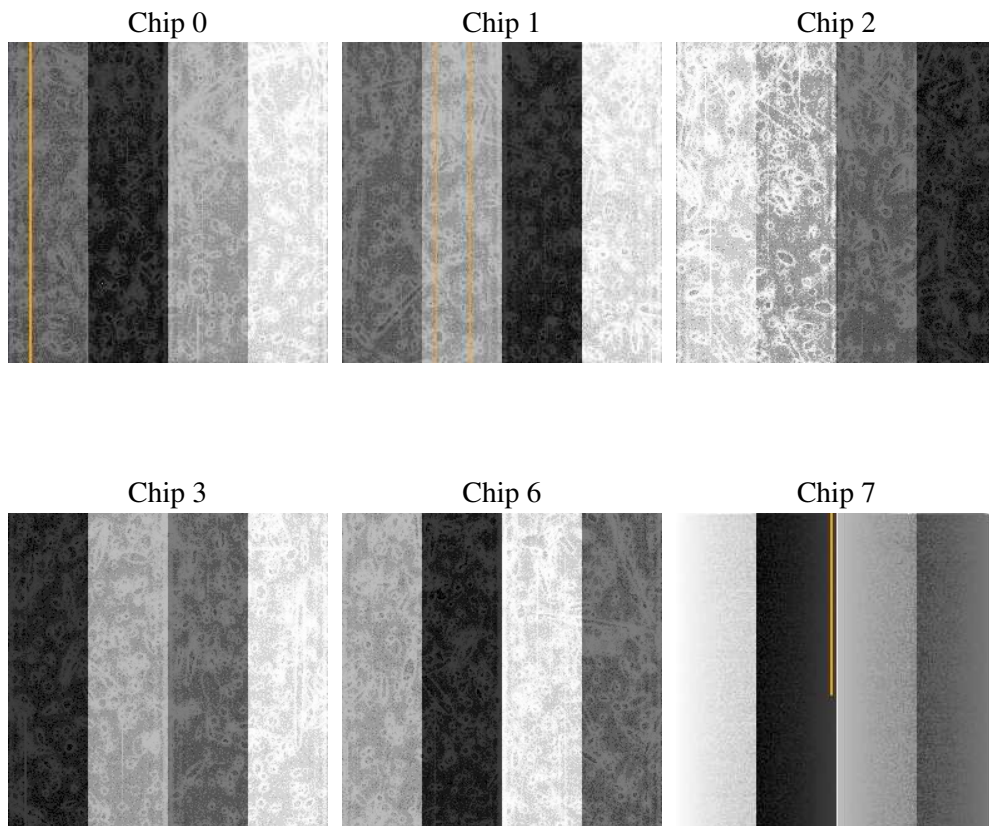
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-12T14:44:50
revision	2

sched_exp_time	95000.000000
ontime	95174.400088638
ontime0	95174.400088638
ontime1	95164.677177995
ontime2	95174.400088638
ontime3	95174.400088638
ontime6	95174.400088638
ontime7	95174.400088638
l1events	3865750

2.1.4 Events

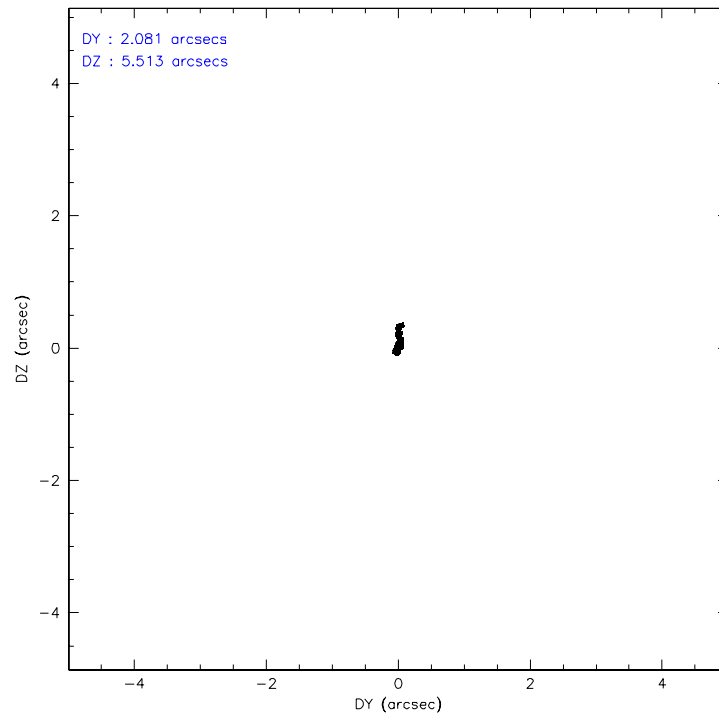
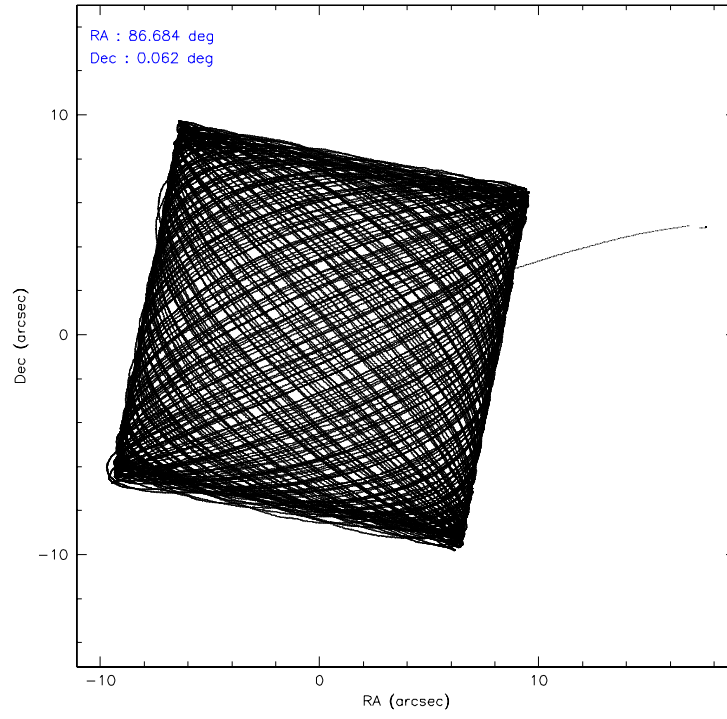
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	569281	580281	632869	610509	643825	828985
rejected events	497158	493299	544973	542523	570435	456631
rejected %	87%	85%	86%	88%	88%	55%

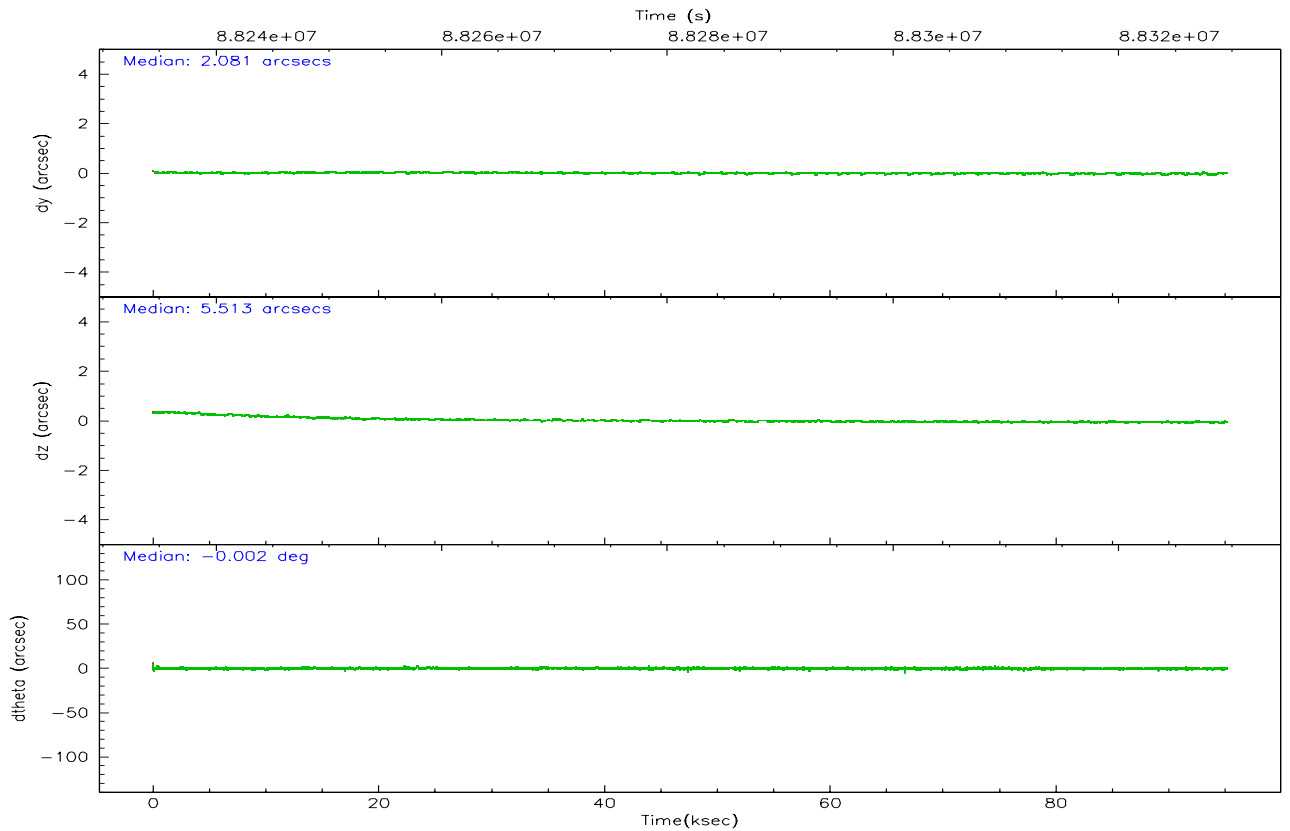
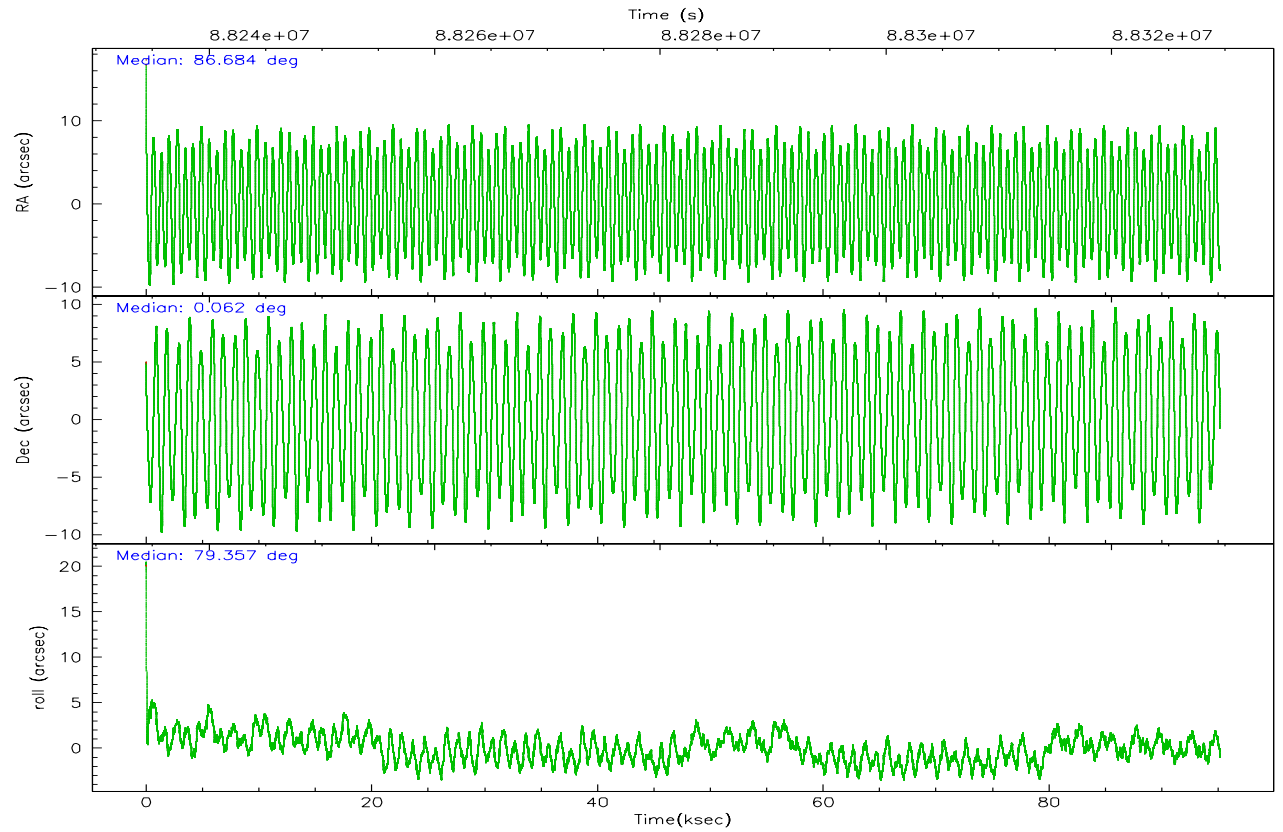
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	32077	41903	46163	29885	32308	39279
	5%	7%	7%	4%	5%	4%
grade 1 events	232	440	601	301	275	739
	0%	0%	0%	0%	0%	0%
grade 2 events	14701	16030	16440	13561	14405	74177
	2%	2%	2%	2%	2%	8%
grade 3 events	7257	8024	7047	6565	6964	34520
	1%	1%	1%	1%	1%	4%
grade 4 events	6534	7952	6938	6585	6812	34328
	1%	1%	1%	1%	1%	4%
grade 5 events	20876	22189	20111	22092	24773	72579
	3%	3%	3%	3%	3%	8%
grade 6 events	12159	13727	11950	11930	13753	203037
	2%	2%	1%	1%	2%	24%
grade 7 events	475445	470016	523619	519590	544535	370326
	83%	80%	82%	85%	84%	44%

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	86.693002	86.68394568508756	Subarray requested	NONE	NONE
Pointing Dec	0.036390	0.06237963272148243	Alternating exposures requested	N	N
Pointing Roll	79.154272	79.36296664284851	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	88234604.184000	88233275.05523799			
Observation start date	2000-10-18T05:35:40	2000-10-18T05:14:35			
Observation end time	88329604.184000	88330431.73391099			
Observation end date	2000-10-19T07:59:00	2000-10-19T08:13:51			
Read mode	TIMED	TIMED			

2.3 Aspect



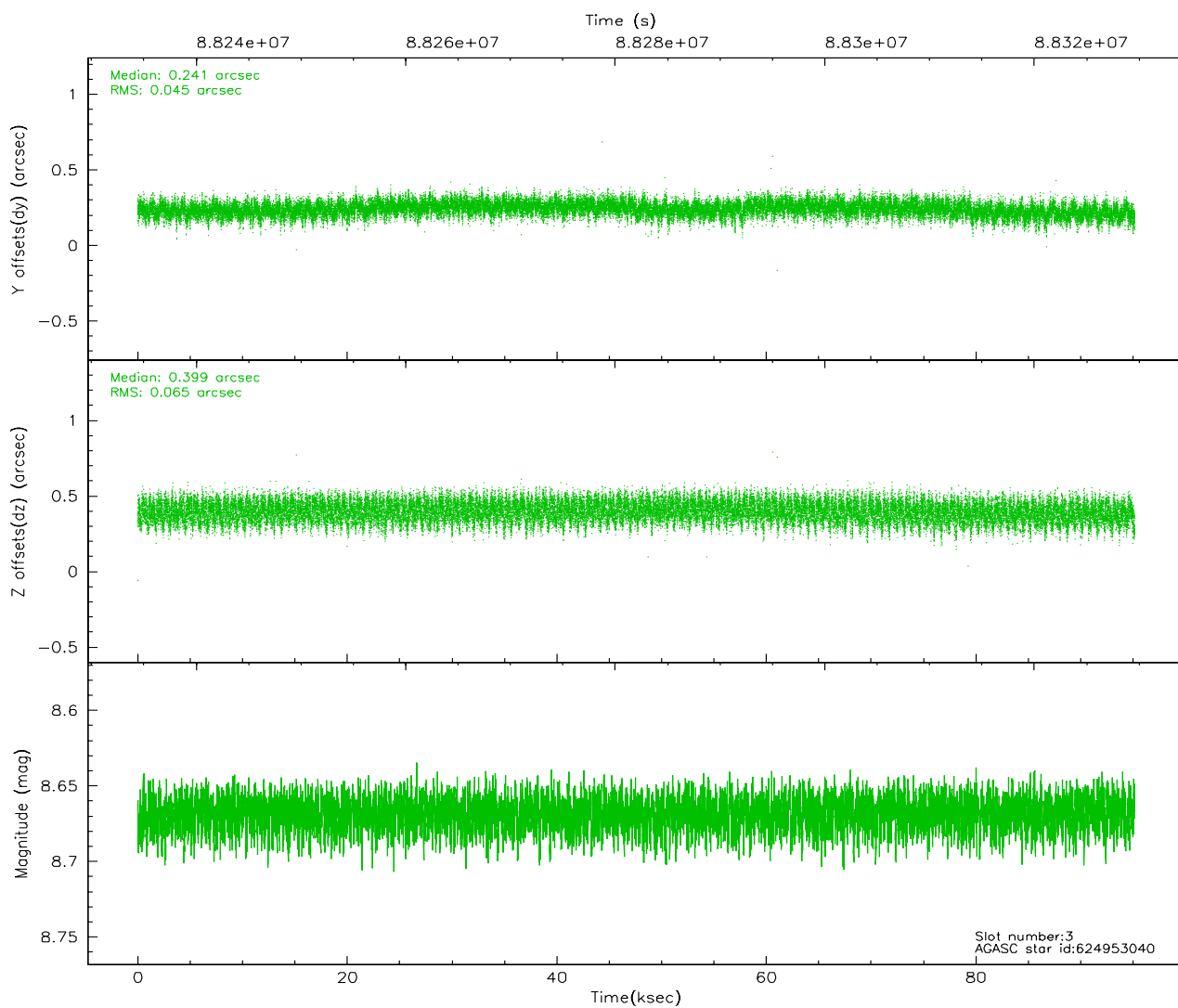
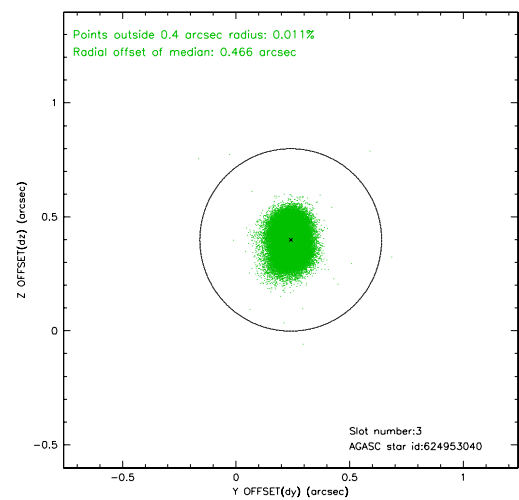
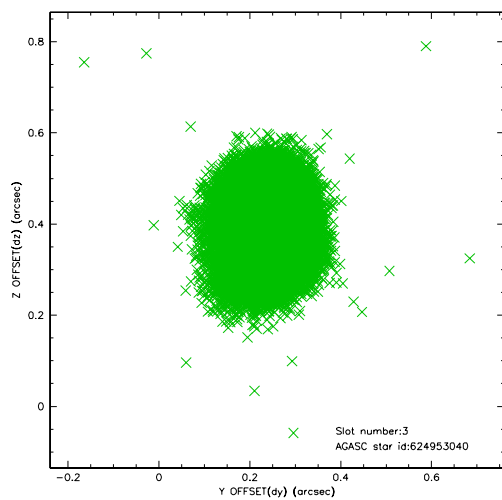


Slot Statistics

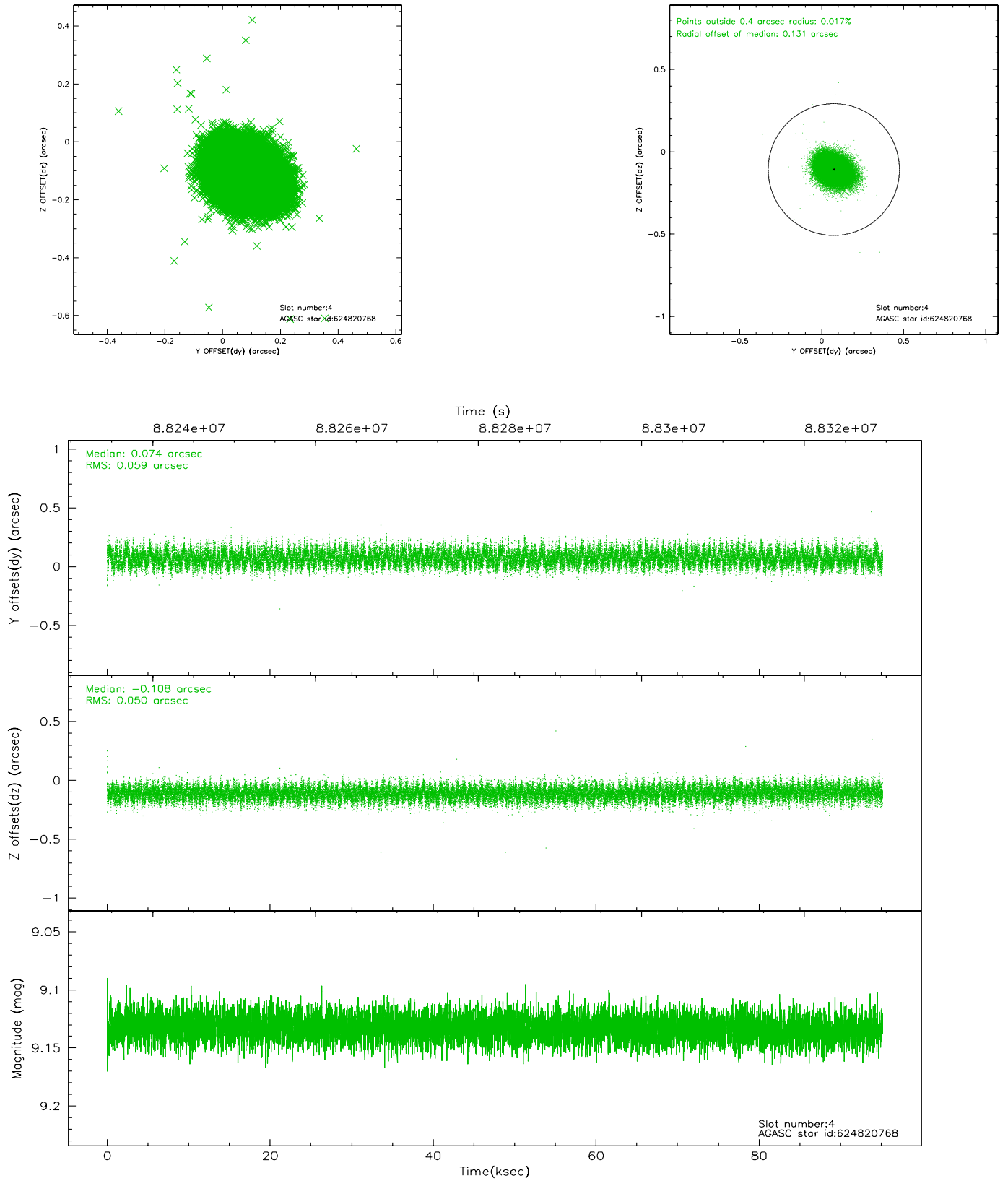
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	23208	-0.020	-0.010	0.012	0.020	0.000000	0.000000	-756.45	-835.28
1	FID	ACIS-I-4	7.19	23207	-0.082	0.024	0.010	0.033	0.000000	0.000000	2157.58	1070.98
2	FID	ACIS-I-5	7.23	23211	-0.000	0.056	0.013	0.024	0.000000	0.000000	-1810.37	1068.76
3	GUIDE	624953040	8.67	46416	0.241	0.399	0.084	0.135	87.231595	-0.668980	-2128.60	-2381.46
4	GUIDE	624820768	9.13	46413	0.074	-0.108	0.082	0.131	86.202480	-0.061953	-679.94	1668.06
5	GUIDE	15077064	9.54	46386	-0.184	-0.208	0.108	0.169	86.127122	0.497728	1247.70	2313.80
6	GUIDE	15209784	9.71	46398	-0.122	0.182	0.122	0.212	87.185154	0.398016	1612.30	-1494.16
7	GUIDE	15081128	9.25	46407	0.000	-0.262	0.104	0.171	86.099165	0.085622	-228.18	2133.23

2.4 Star Slots

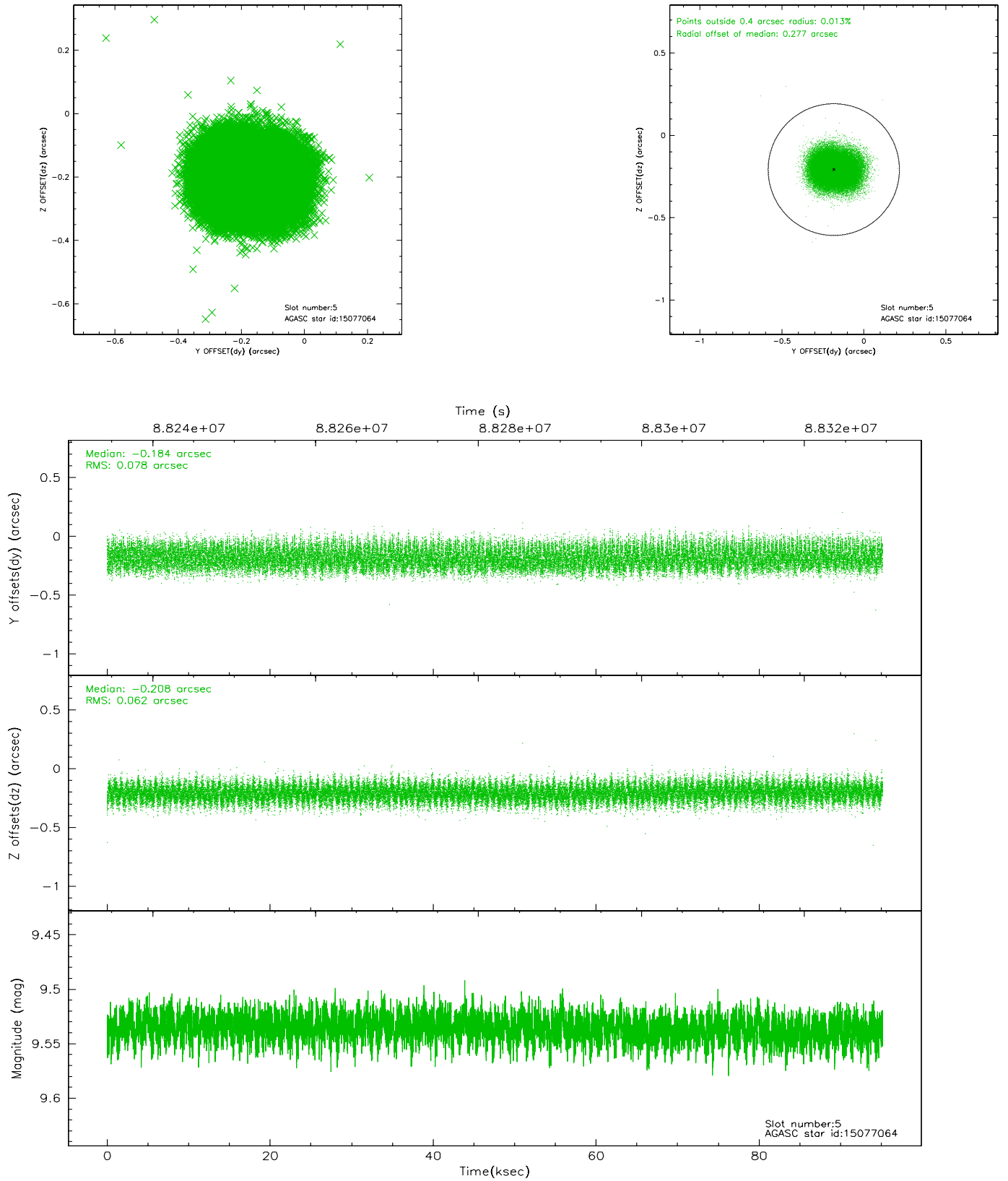
2.4.1 Slot 3



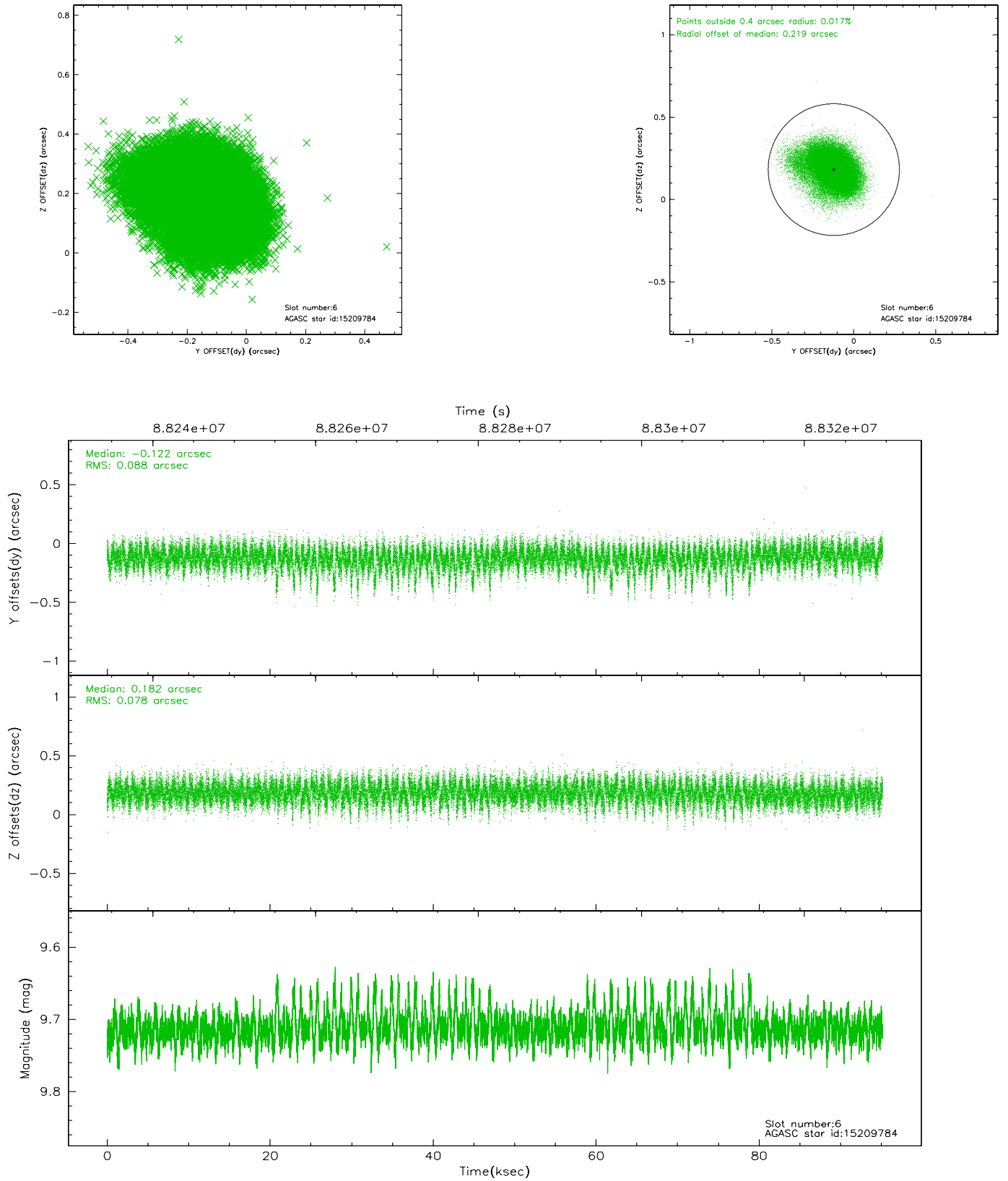
2.4.2 Slot 4



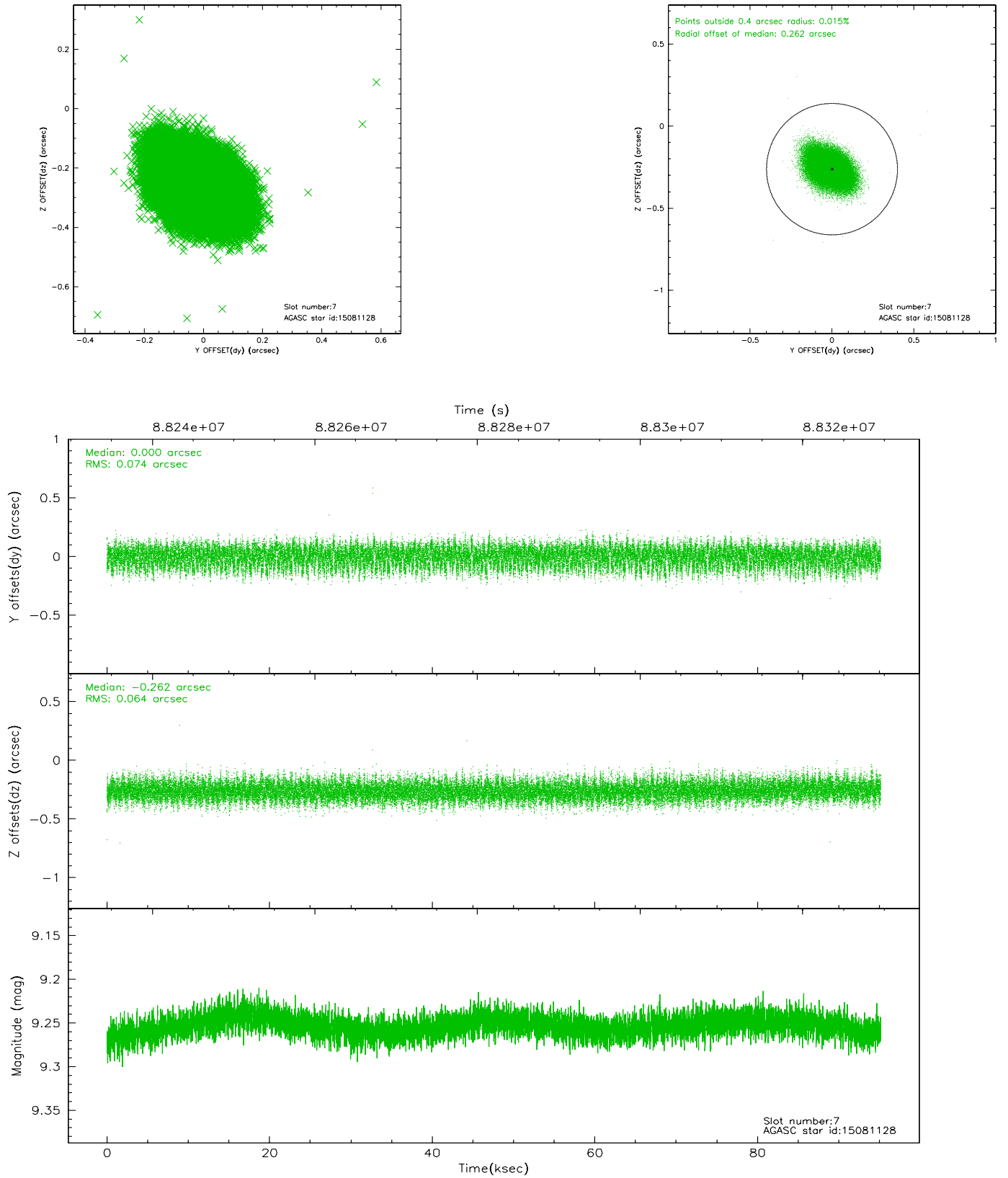
2.4.3 Slot 5



2.4.4 Slot 6

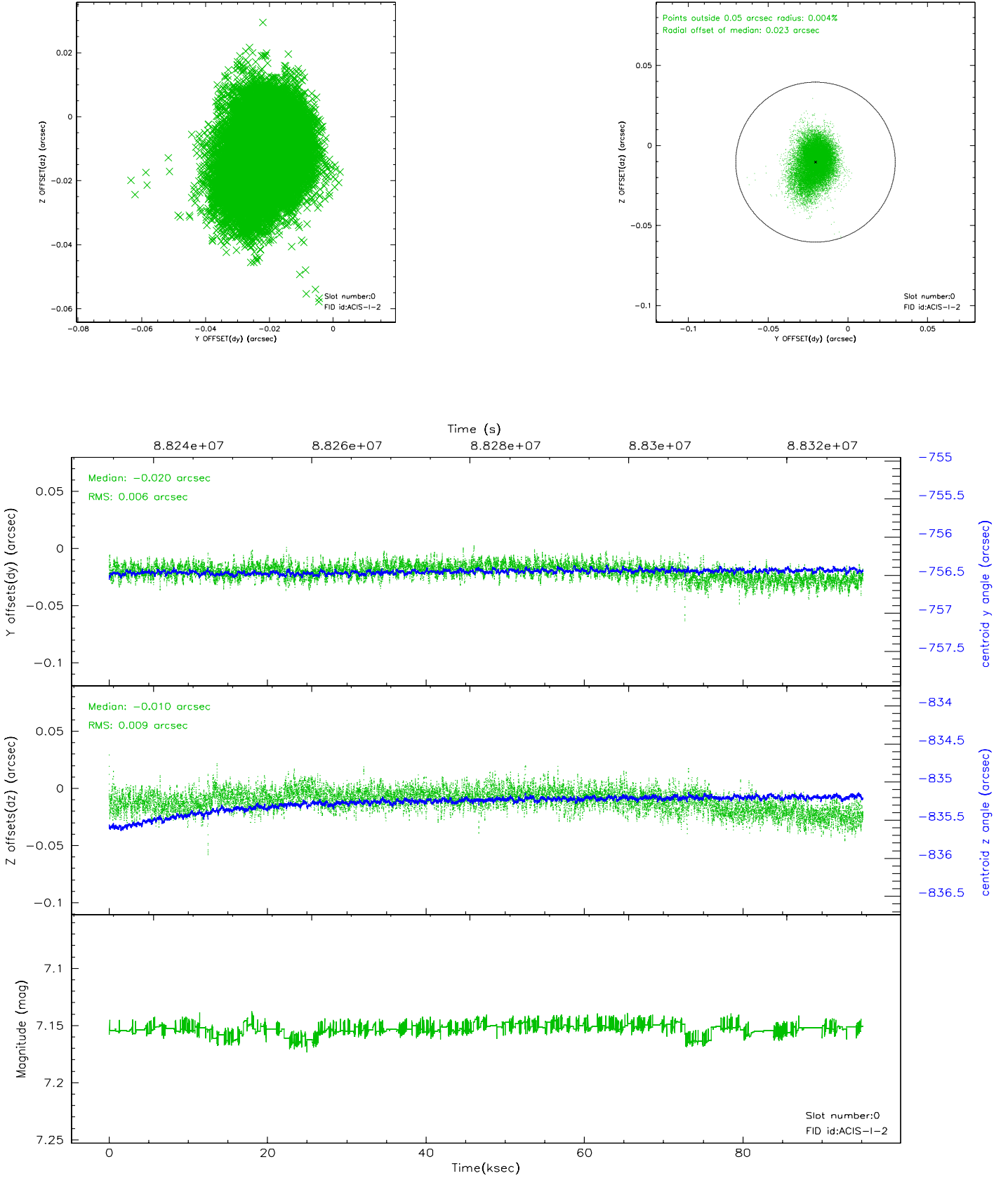


2.4.5 Slot 7

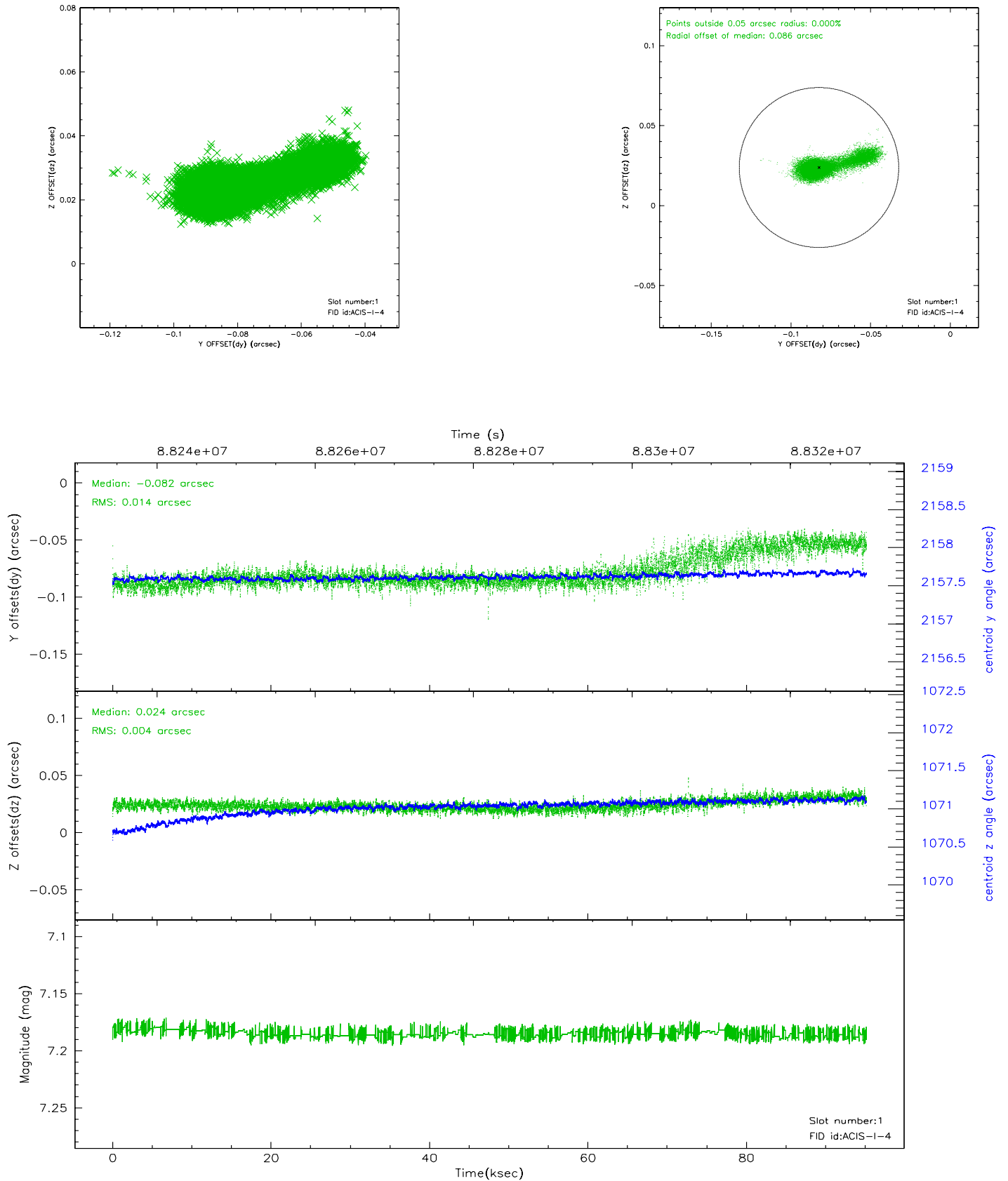


2.5 FID Slots

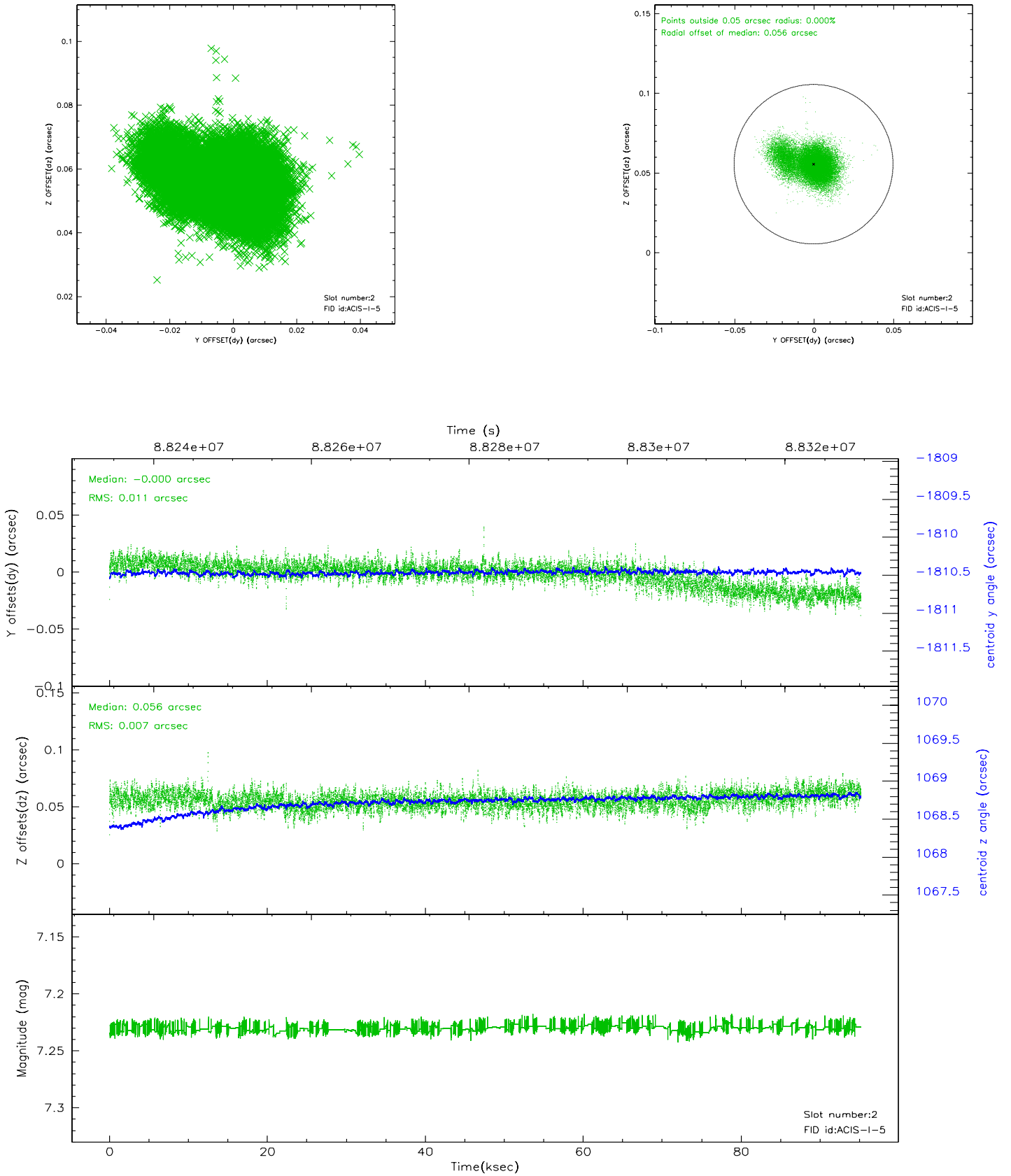
2.5.1 Slot 0



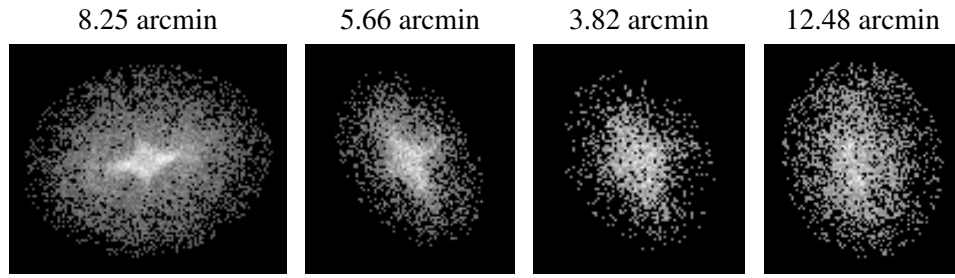
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	95.072

A.2 Comments