

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3207 - L2 Version 001
Chandra X-Ray Center

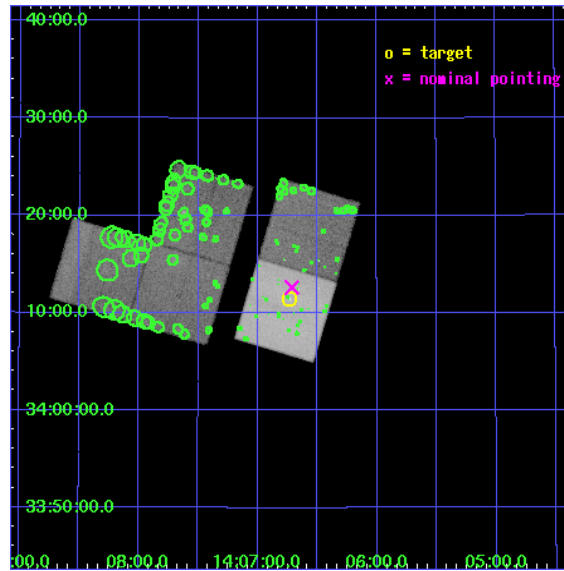
L2 Processing Date : Sep 6 2006

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1 Front

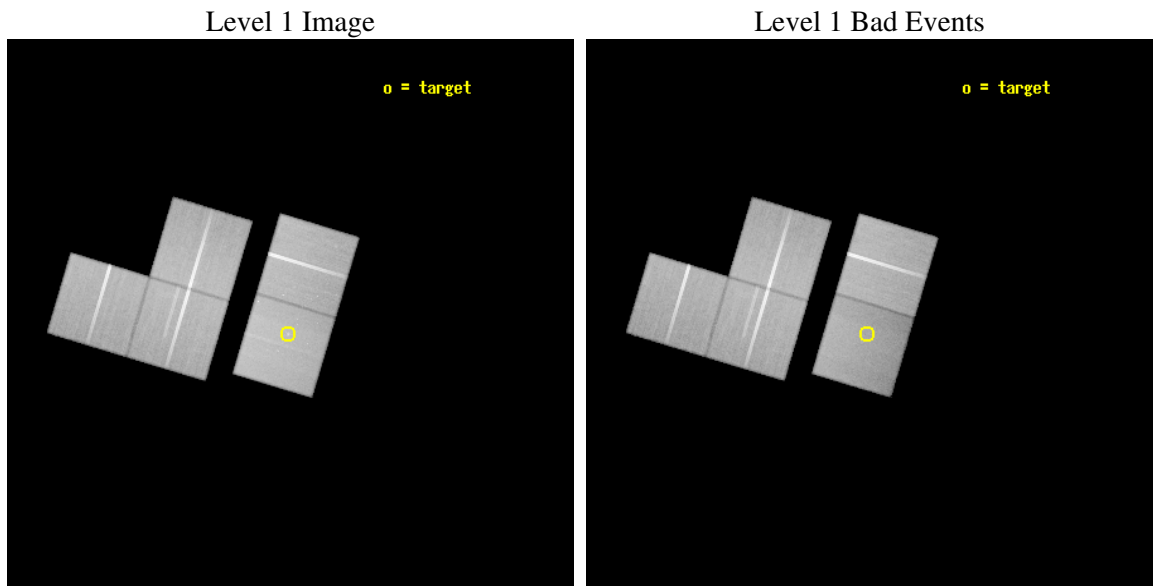
seq_num	800207
obs_id	3207
title	THE Z=1.786 CLUSTER AROUND 3C294
observer	Prof Andrew Fabian
object	3C294
dtcycle	0
cycle	P
ra_targ	211.68375
dec_targ	34.190222
ra_nom	211.67858094878
dec_nom	34.21058172029
roll_nom	106.67165816736
revision	2
ontime	123634.19976228
livetime	122018.82792422
ontime1	123618.4948712
ontime2	123624.77682163
ontime3	123612.2129606
ontime6	123624.77685152
ontime7	123634.19976228
l2events	526882



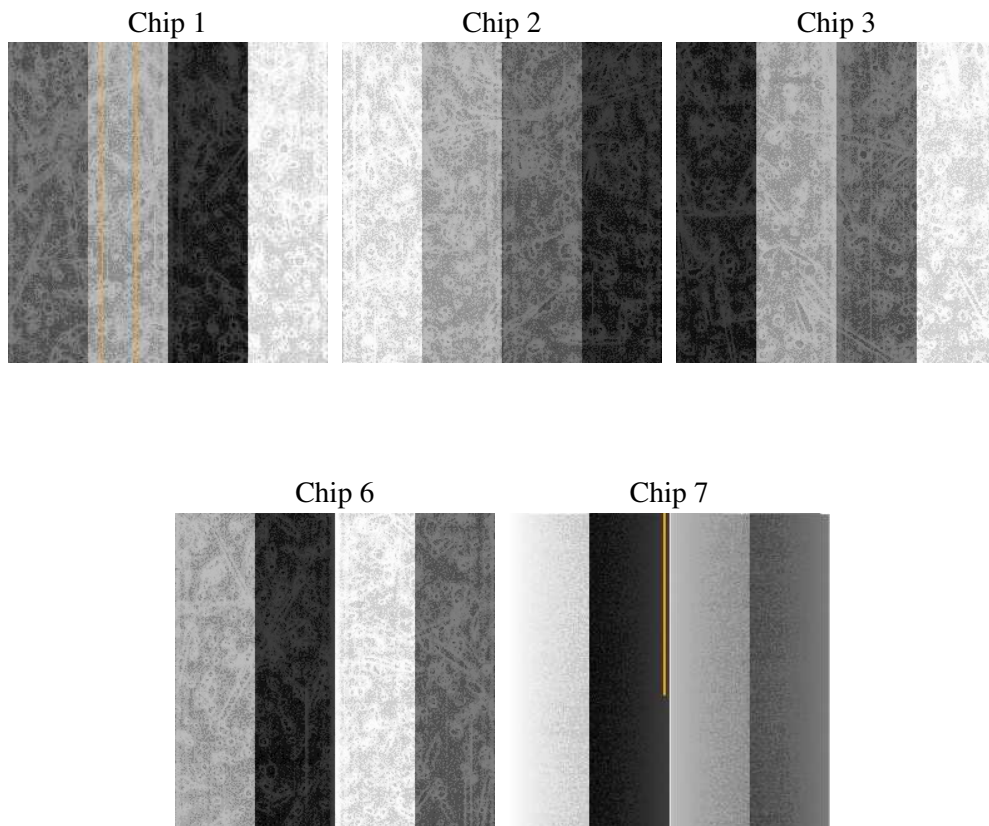
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-06T11:20:15
revision	2

sched_exp_time	123500.000000
ontime	123956.58751269
ontime1	123940.8826216
ontime2	123947.16457203
ontime3	123934.600711
ontime6	123947.16460192
ontime7	123956.58751269
l1events	3514768

2.1.4 Events

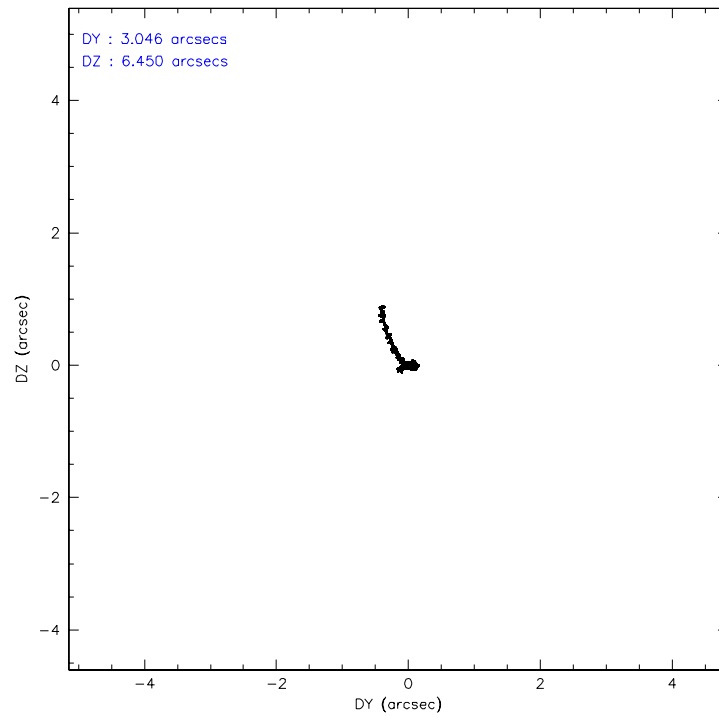
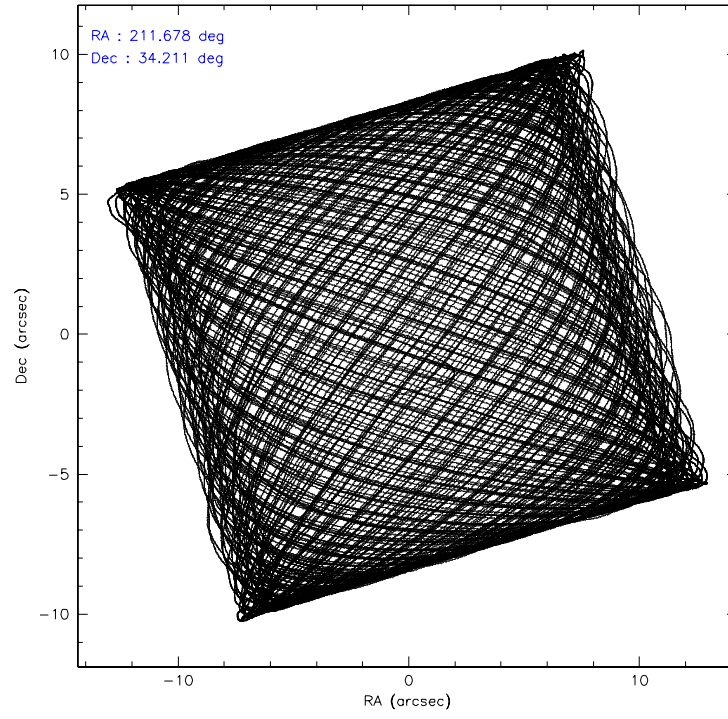
	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	641632	723279	691951	722593	735313
rejected events	568463	659171	629852	651979	425167
rejected %	88%	91%	91%	90%	57%

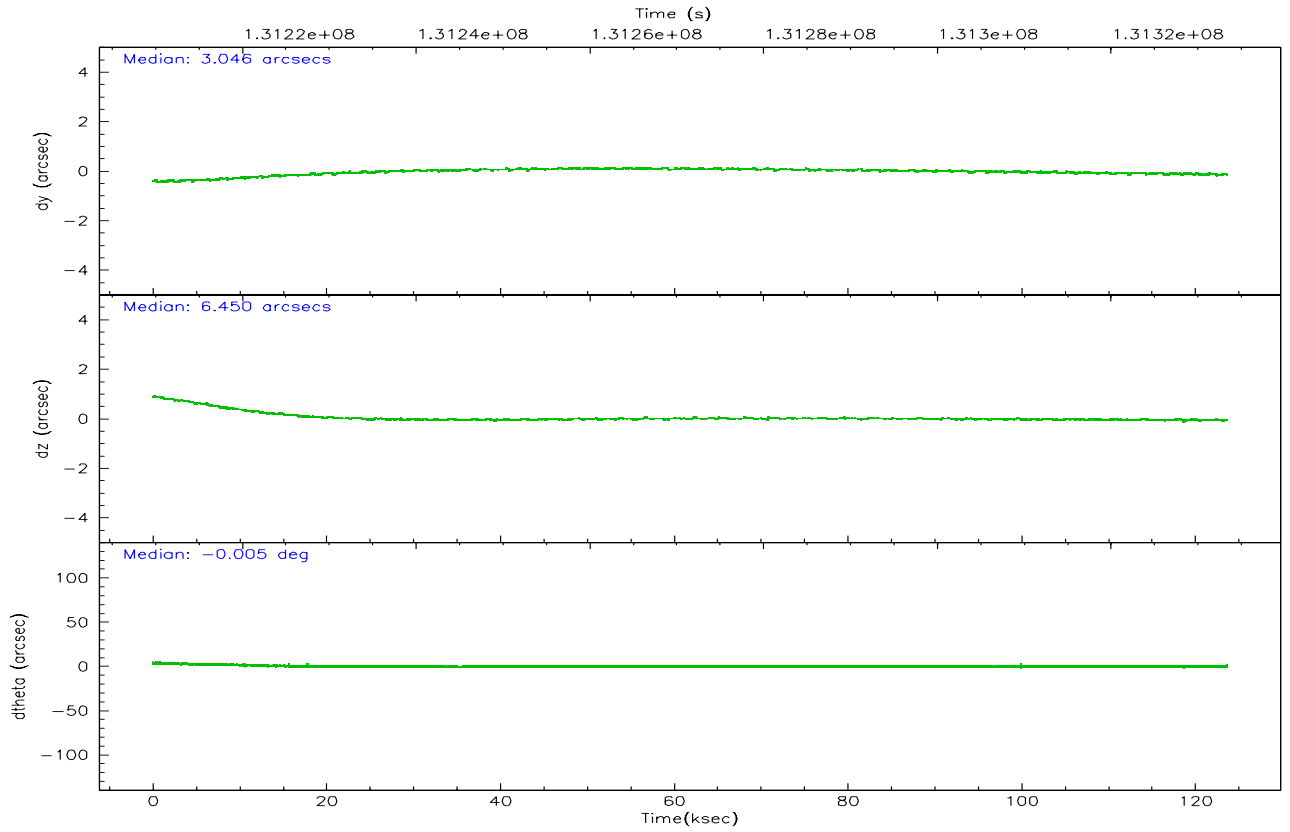
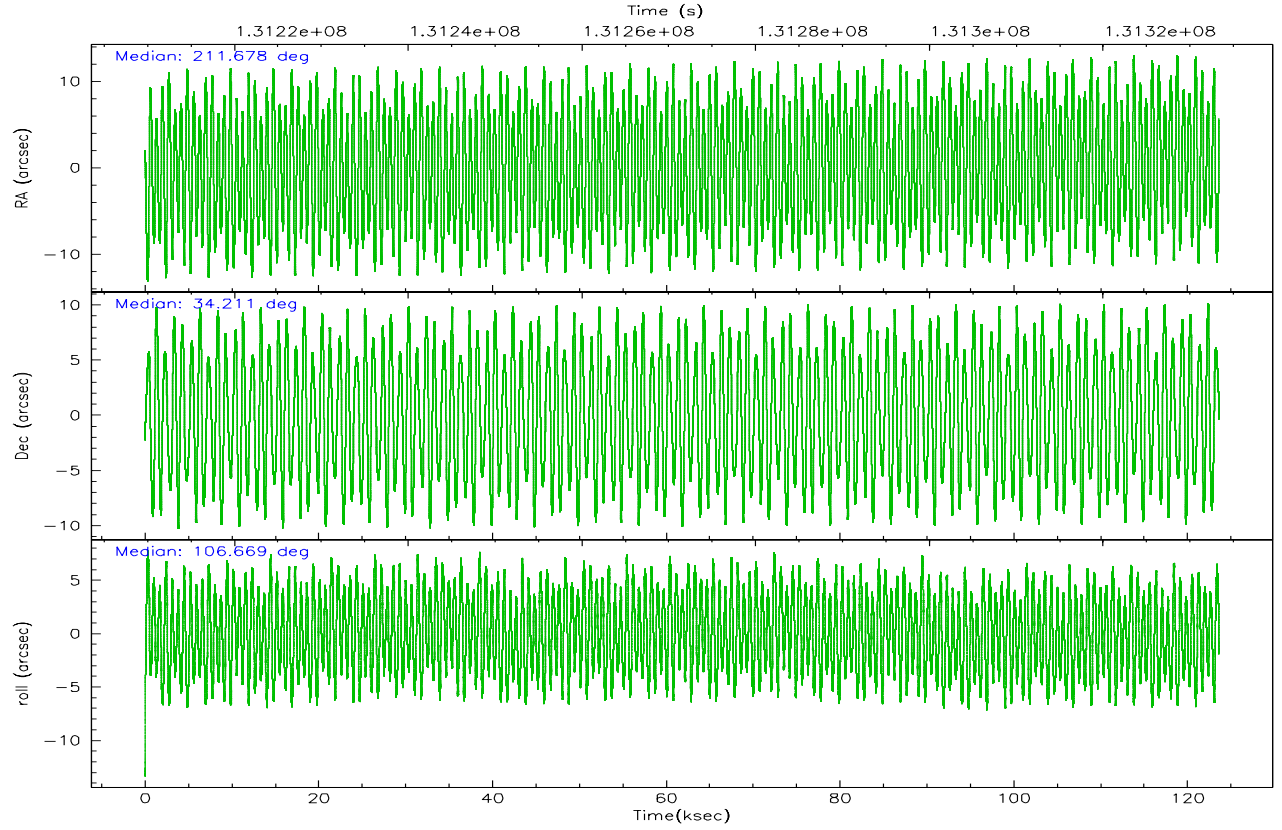
	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	26650	22680	21699	25054	20119
	4%	3%	3%	3%	2%
grade 1 events	257	286	300	283	409
	0%	0%	0%	0%	0%
grade 2 events	15106	14799	13169	14991	75502
	2%	2%	1%	2%	10%
grade 3 events	8712	7093	7300	8132	19026
	1%	0%	1%	1%	2%
grade 4 events	8483	7310	7207	7900	18470
	1%	1%	1%	1%	2%
grade 5 events	24208	20466	24308	26559	56845
	3%	2%	3%	3%	7%
grade 6 events	14439	12396	12873	14720	177853
	2%	1%	1%	2%	24%
grade 7 events	543777	638249	605095	624954	367089
	84%	88%	87%	86%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-12367	ACIS-12367	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	211.702827	211.678580948777	Alternating exposures requested	N	N
Pointing Dec	34.192123	34.2105817202904	Primary exposure time	0.000000	3.1
Pointing Roll	106.501406	106.6716581673612			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	131209851.184000	131208709.52496			
Observation start date	2002-02-27T15:09:47	2002-02-27T14:51:49			
Observation end time	131333351.184000	131333920.45502			
Observation end date	2002-03-01T01:28:07	2002-03-01T01:38:40			
Read mode	TIMED	TIMED			

2.3 Aspect



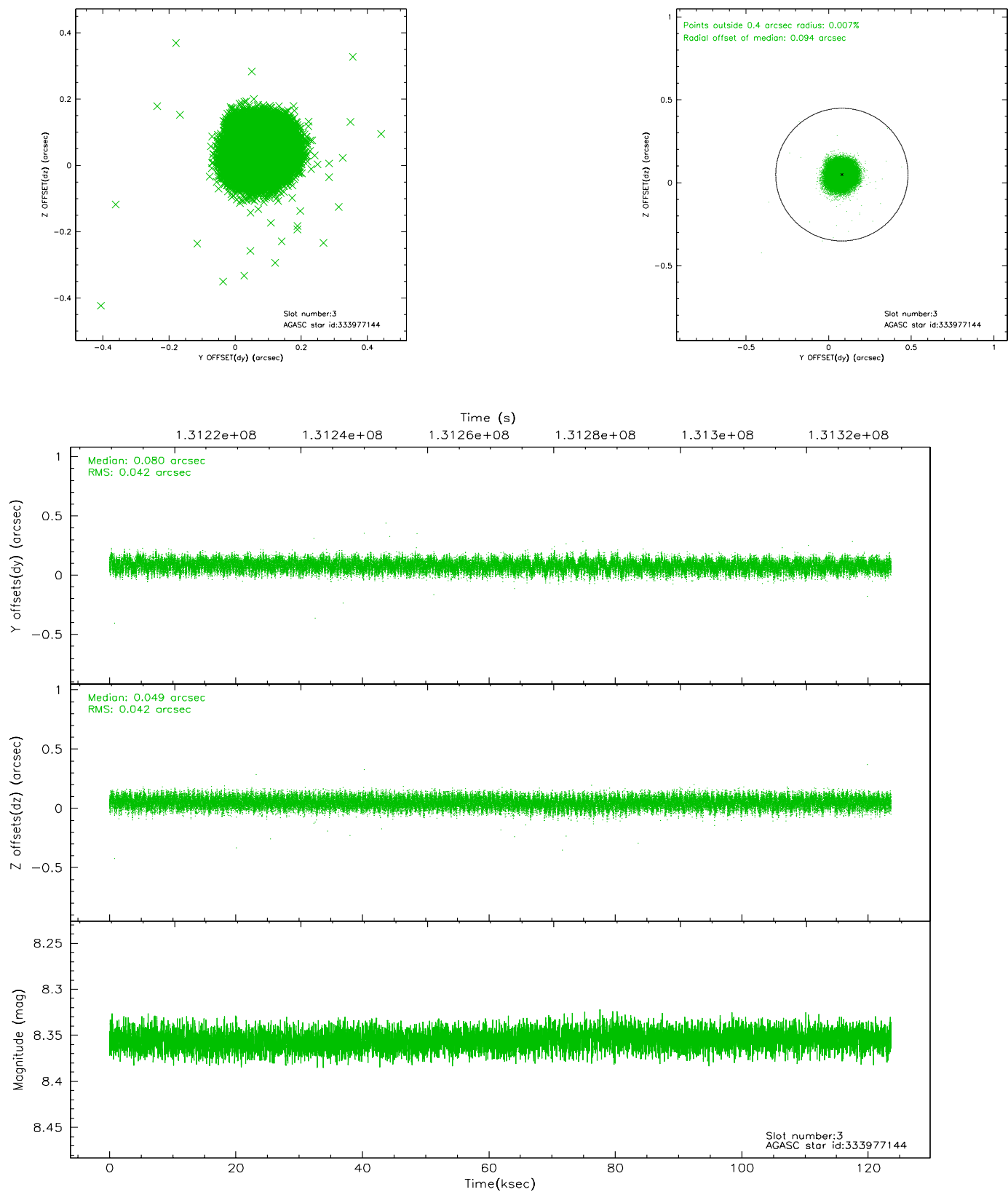


Slot Statistics

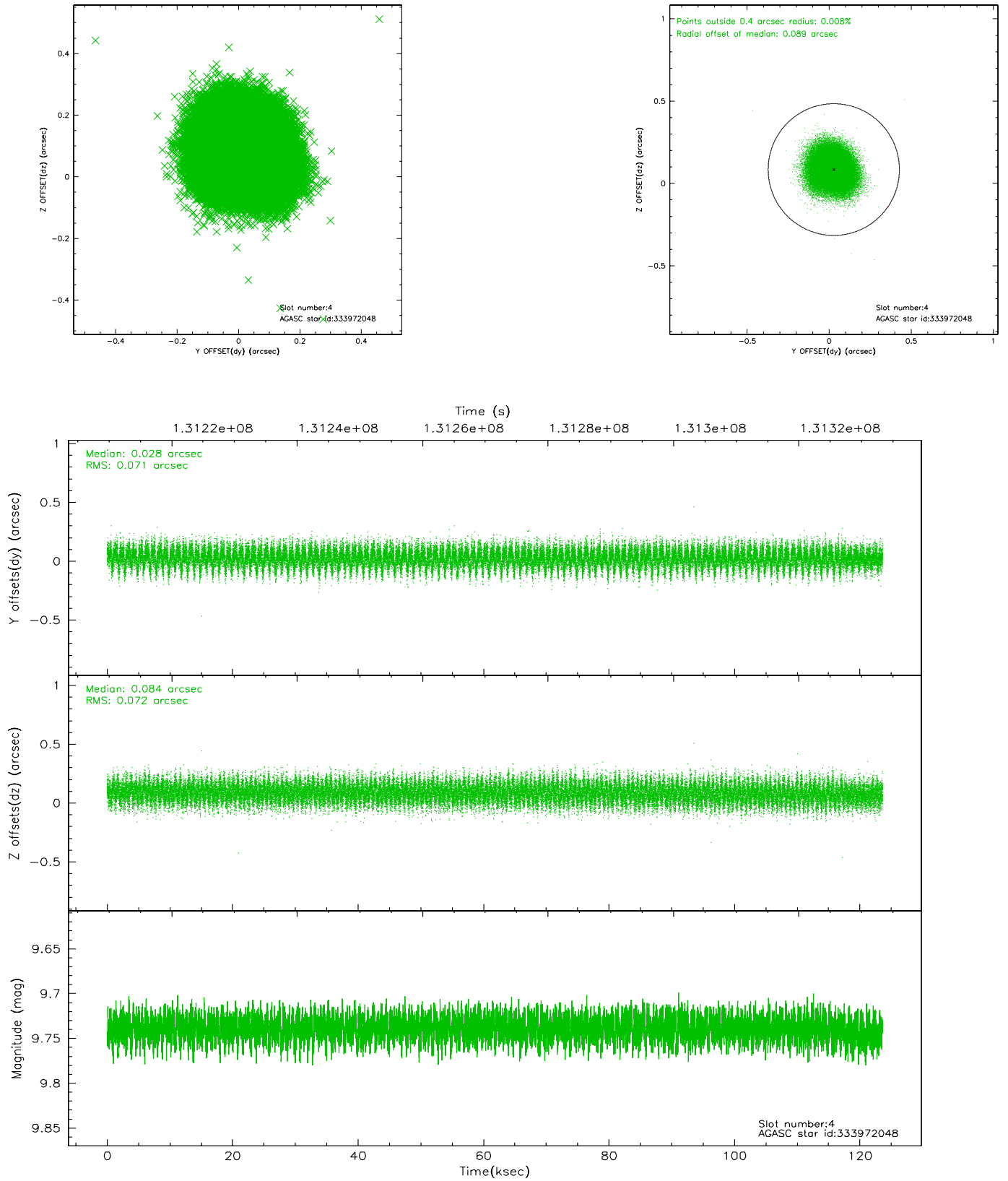
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	30156	-0.017	0.030	0.008	0.015	0.000000	0.000000	-755.65	-1727.64
1	FID	ACIS-S-4	7.20	30156	-0.058	0.000	0.008	0.032	0.000000	0.000000	2157.60	180.95
2	FID	ACIS-S-5	7.24	30157	0.045	-0.021	0.009	0.018	0.000000	0.000000	-1808.58	174.43
3	GUIDE	333977144	8.35	60295	0.080	0.049	0.064	0.101	212.190837	33.799759	-1765.63	-999.84
4	GUIDE	333972048	9.74	60260	0.028	0.084	0.109	0.173	212.095723	33.936855	-1212.36	-865.24
5	GUIDE	333972640	8.19	60296	-0.125	-0.084	0.059	0.092	211.483705	34.382666	842.94	428.75
6	GUIDE	333973208	8.40	60300	-0.076	-0.054	0.063	0.100	211.140123	34.422788	1275.14	1364.69
7	GUIDE	333978704	8.77	60292	0.098	0.006	0.060	0.097	212.177710	33.682681	-2159.00	-844.26

2.4 Star Slots

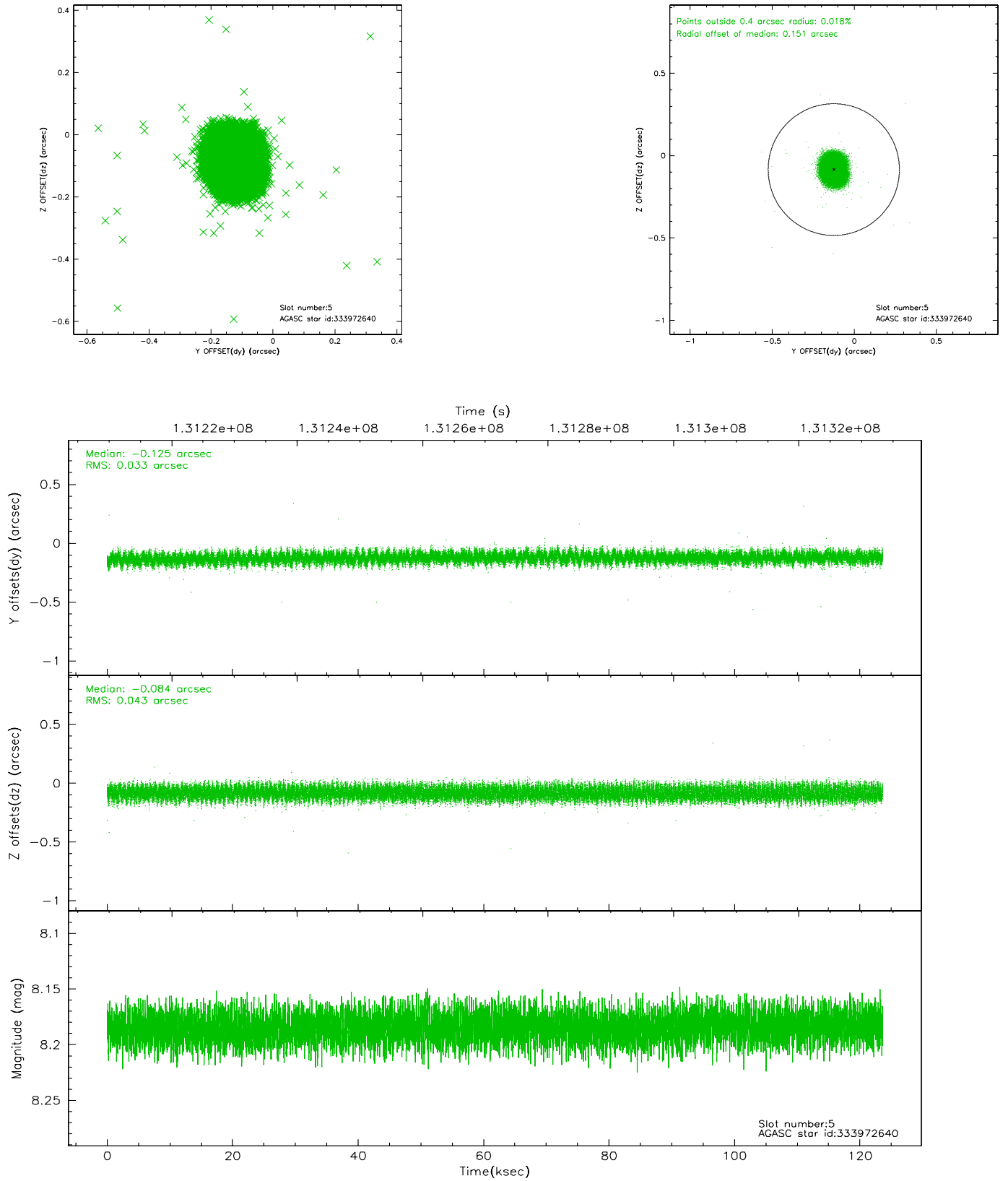
2.4.1 Slot 3



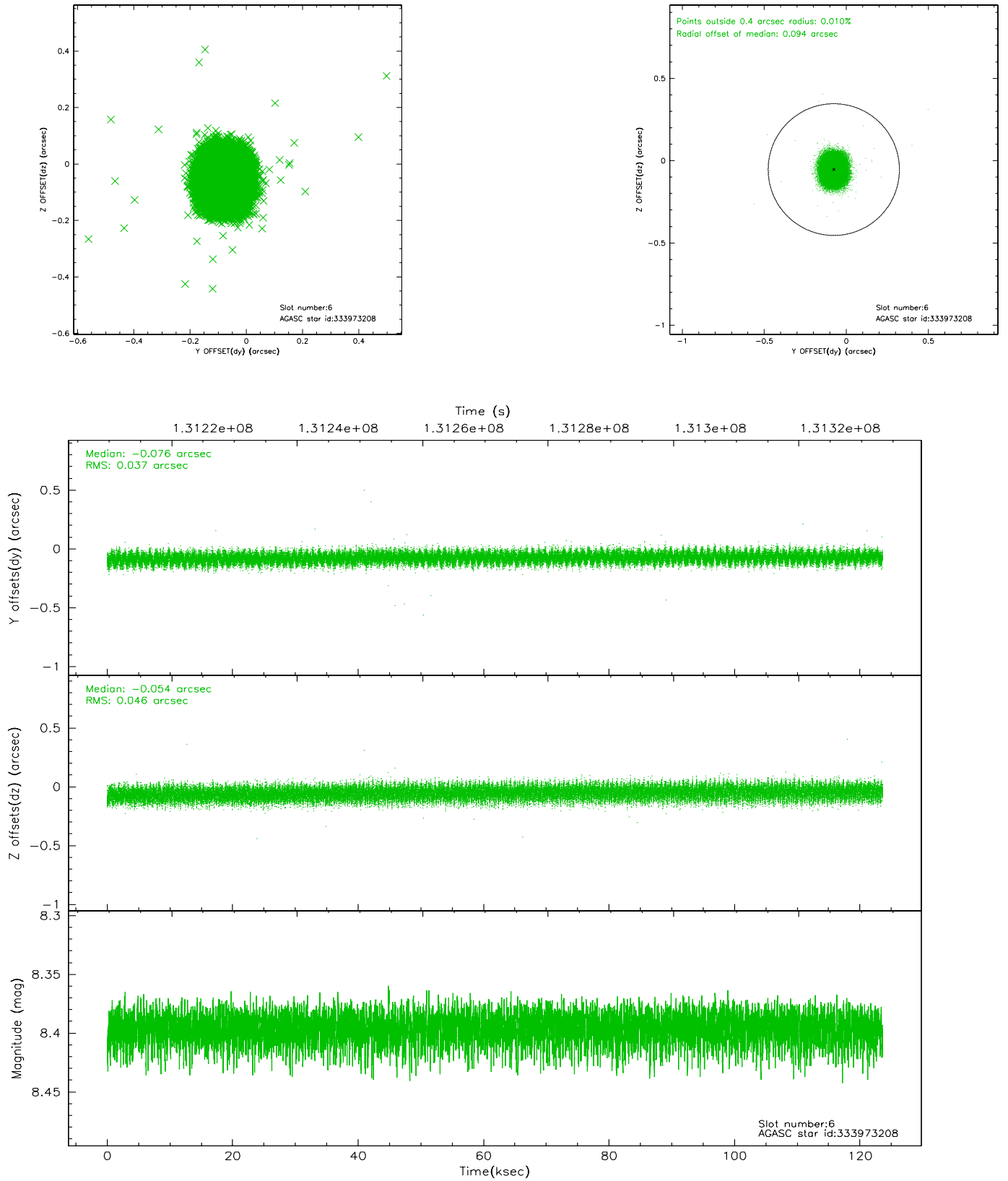
2.4.2 Slot 4



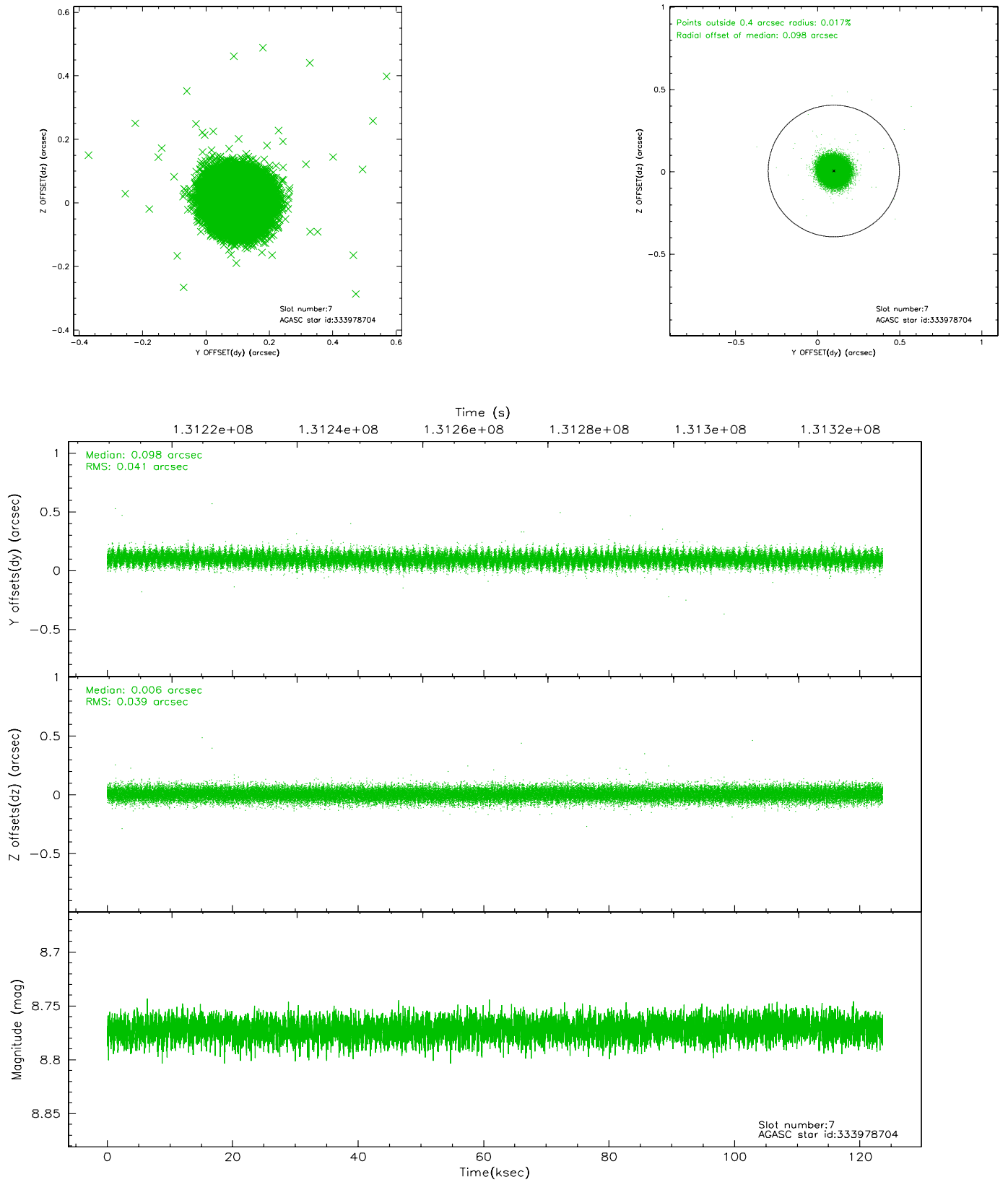
2.4.3 Slot 5



2.4.4 Slot 6

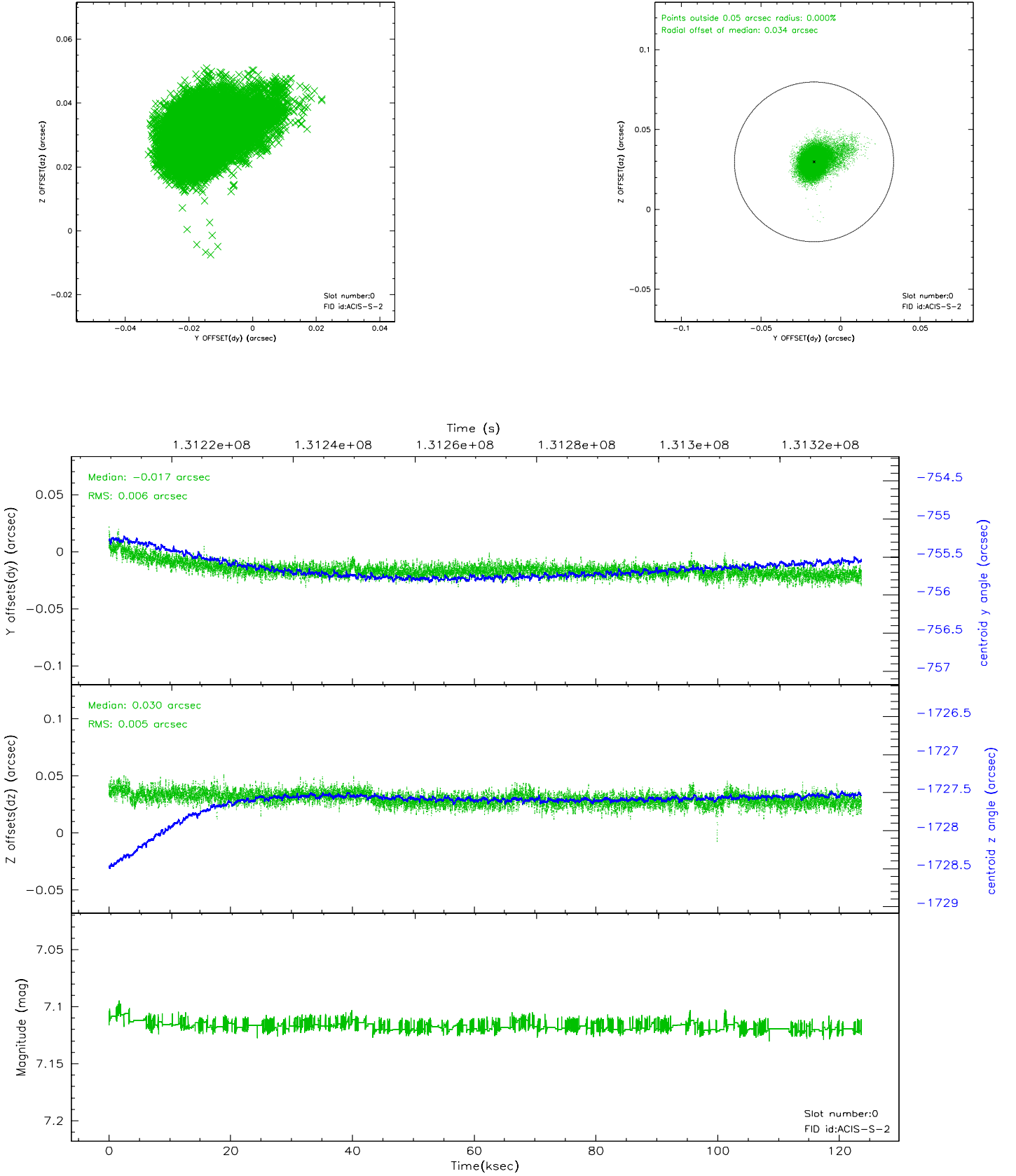


2.4.5 Slot 7

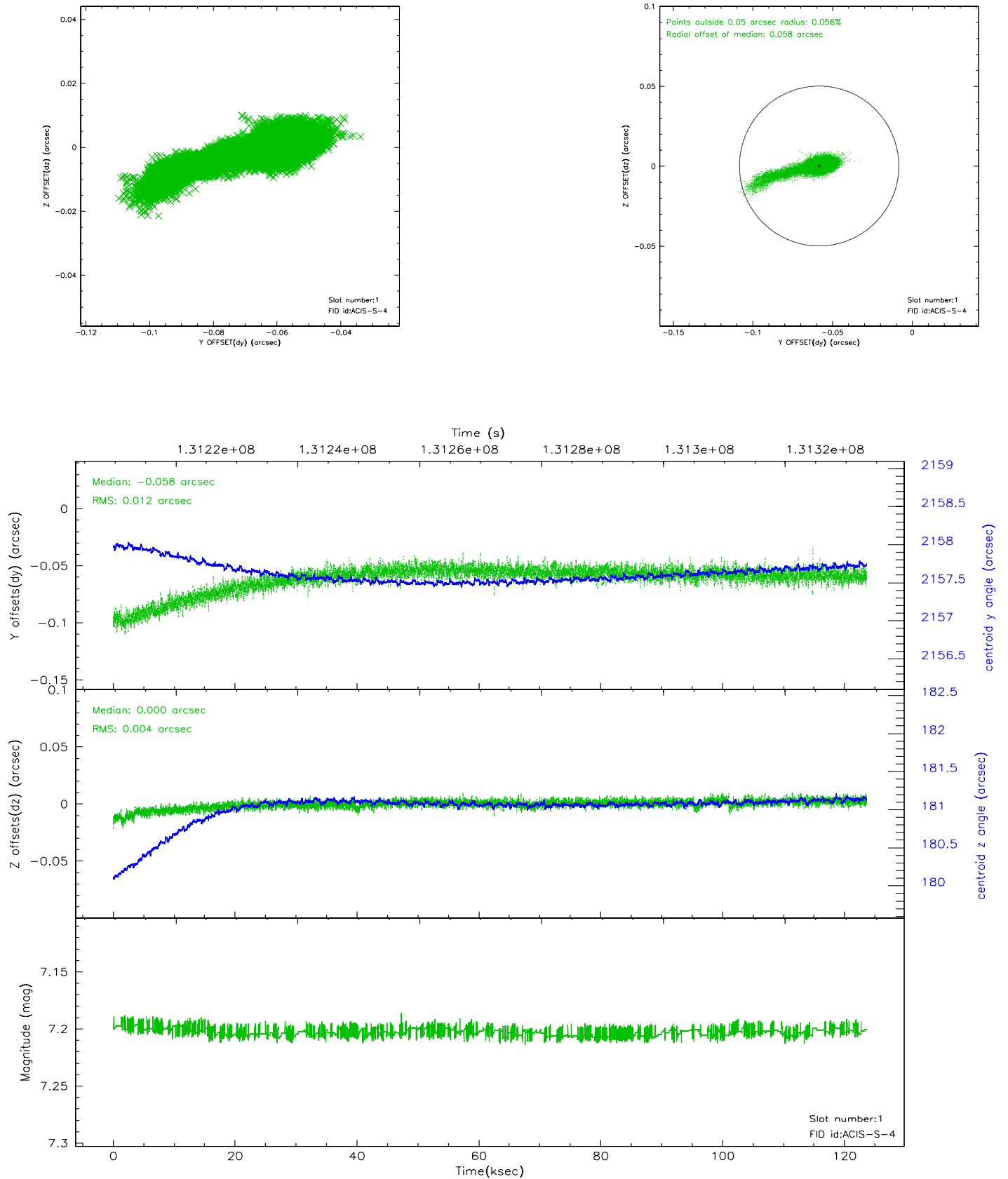


2.5 FID Slots

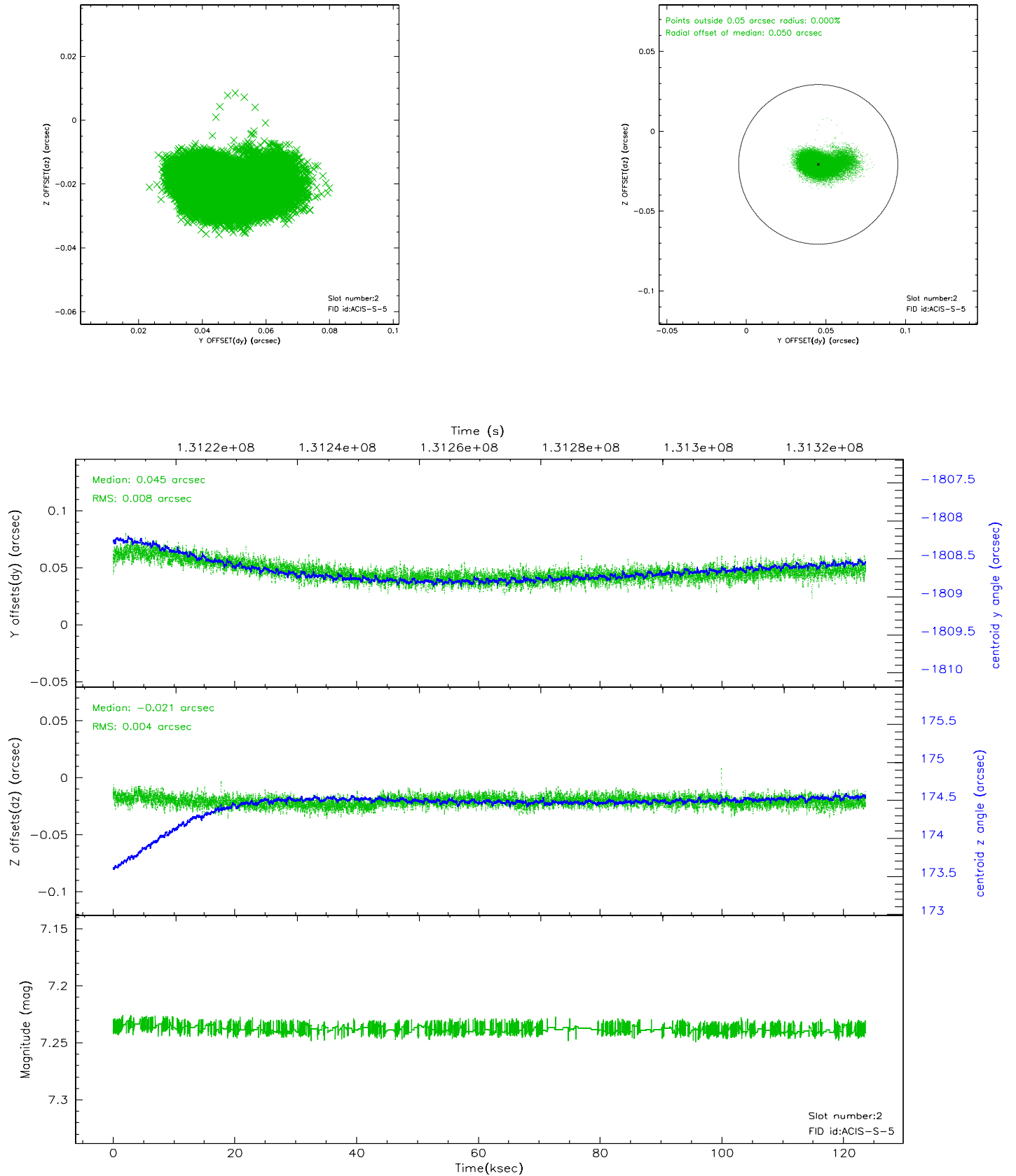
2.5.1 Slot 0



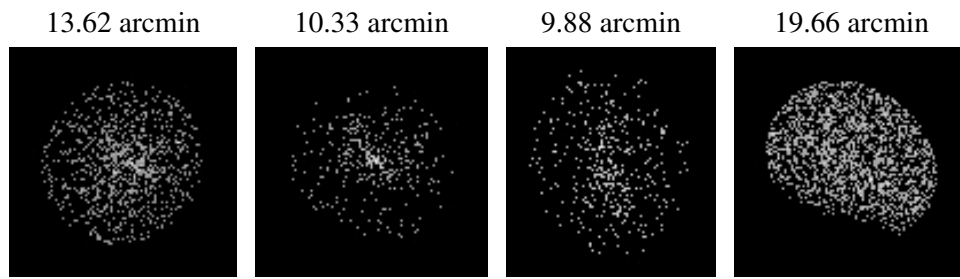
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	123.634

A.2 Comments