

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2896 - L2 Version 001
Chandra X-Ray Center

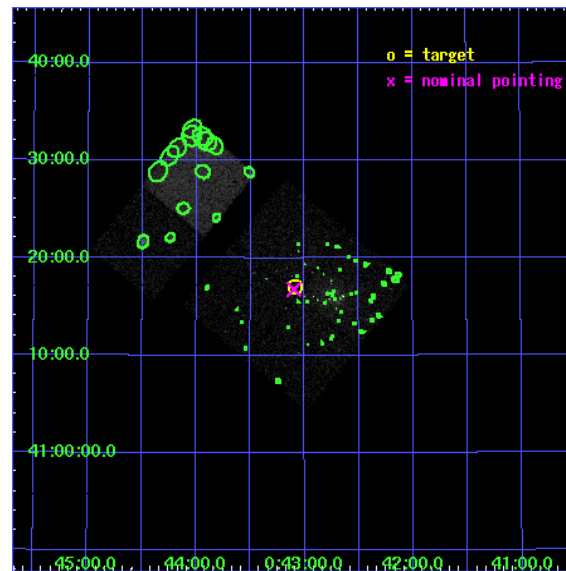
L2 Processing Date : Aug 31 2006

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1 Front

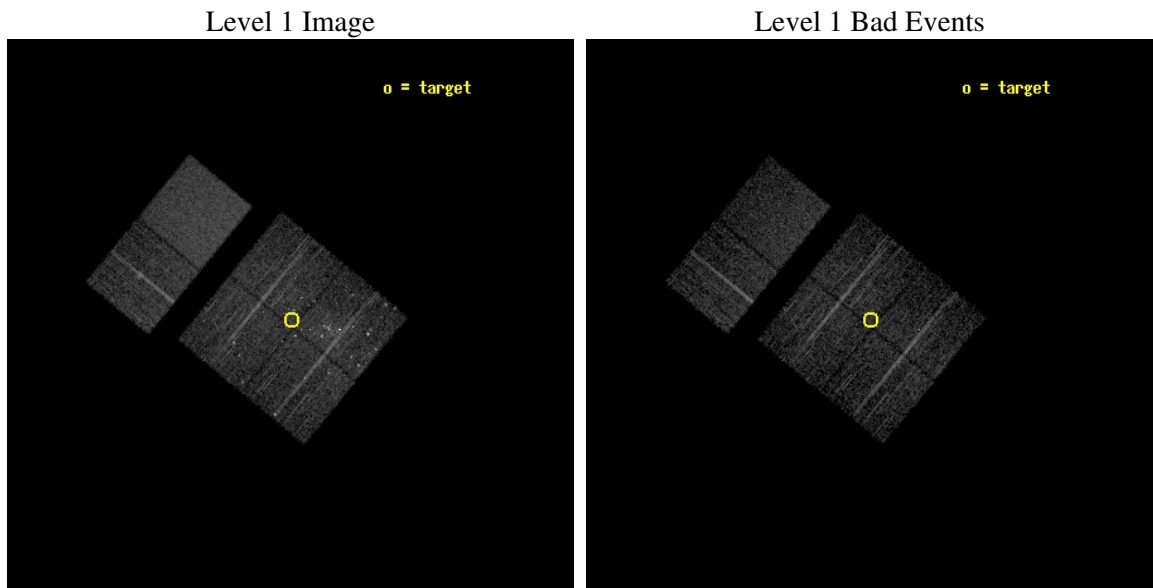
seq_num	600233
obs_id	2896
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-T3
dtcycle	0
cycle	P
ra_targ	10.772917
dec_targ	41.28425
ra_nom	10.774721600782
dec_nom	41.279720159486
roll_nom	309.46977221638
revision	2
ontime	4963.2000046223
livetime	4900.3529776836
ontime0	4963.2000046223
ontime1	4963.2000046223
ontime2	4963.2000046223
ontime3	4963.2000046223
ontime6	4963.2000046223
ontime7	4963.2000046223
l2events	51806



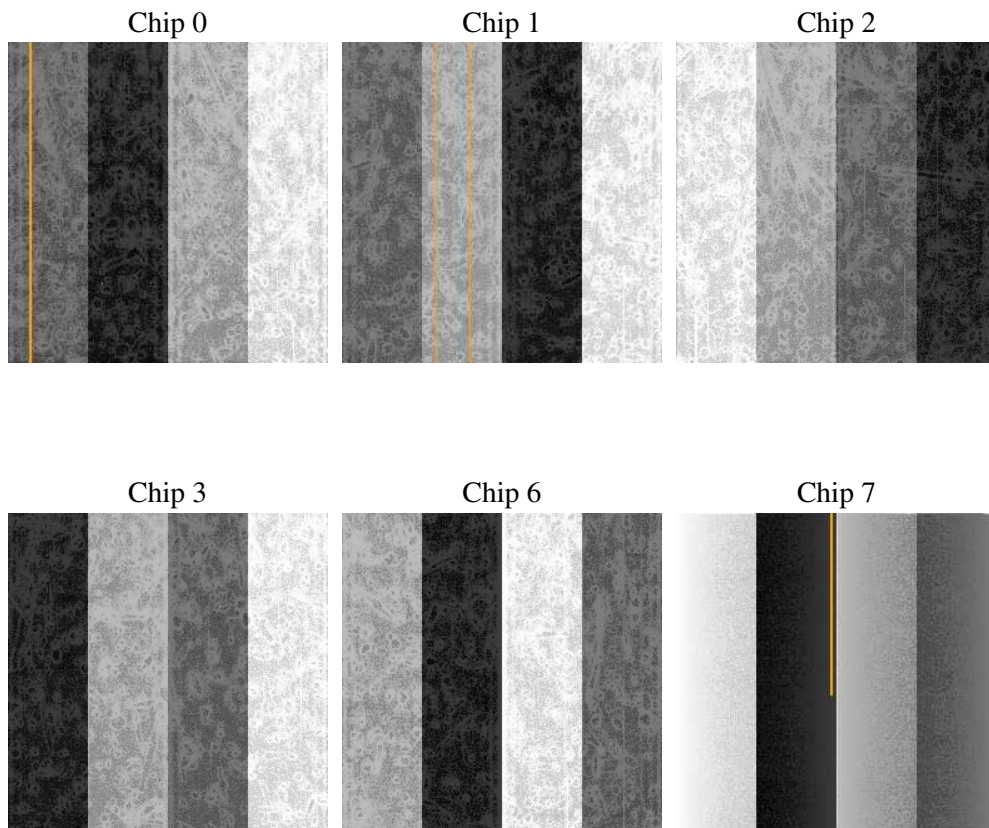
2 OBI

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	2006-08-31T11:29:55
revision	2

sched_exp_time	5000.000000
ontime	4968.4508906305
ontime0	4968.4509105533
ontime1	4968.4509105533
ontime2	4968.4508906305
ontime3	4968.4508906305
ontime6	4968.4509105533
ontime7	4968.4509105533
l1events	219800

2.1.4 Events

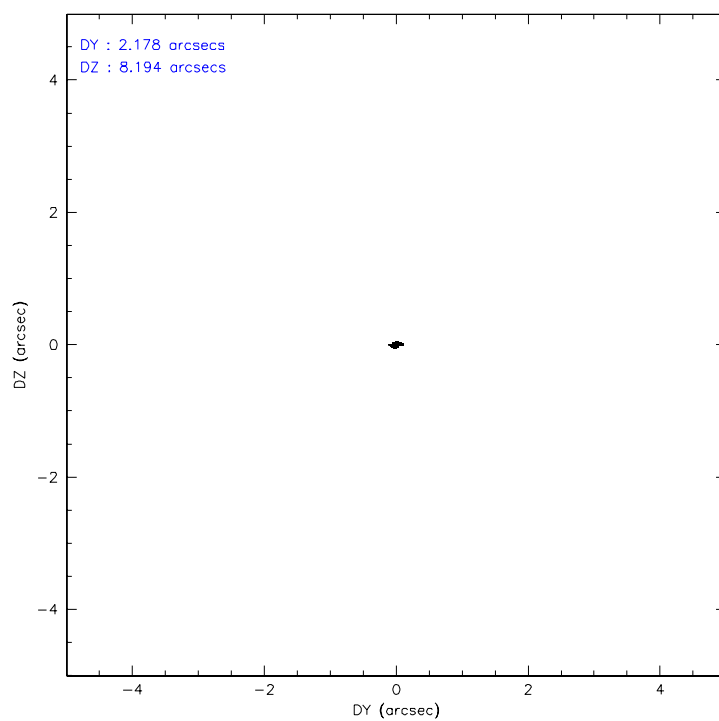
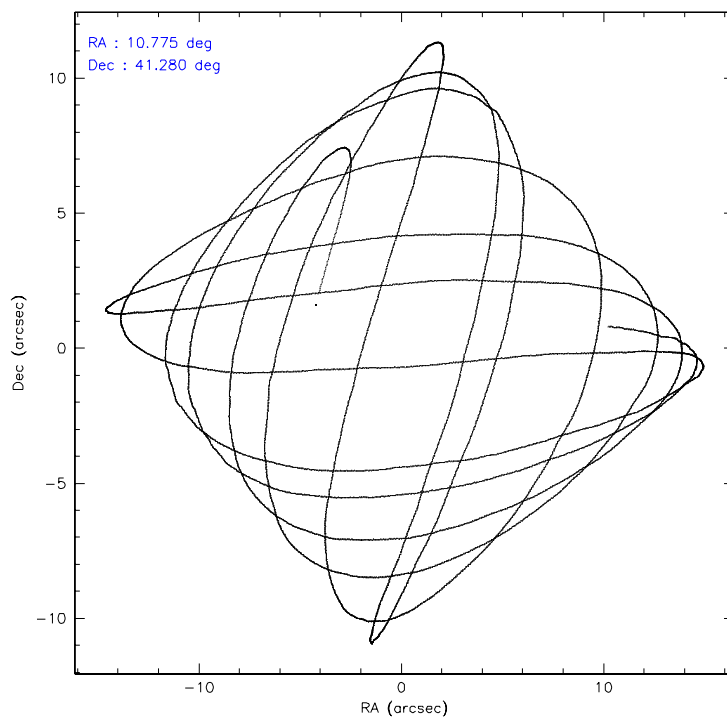
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	31738	41537	33513	33273	33641	46098
rejected events	25822	25933	28498	28052	29173	26392
rejected %	81%	62%	85%	84%	86%	57%

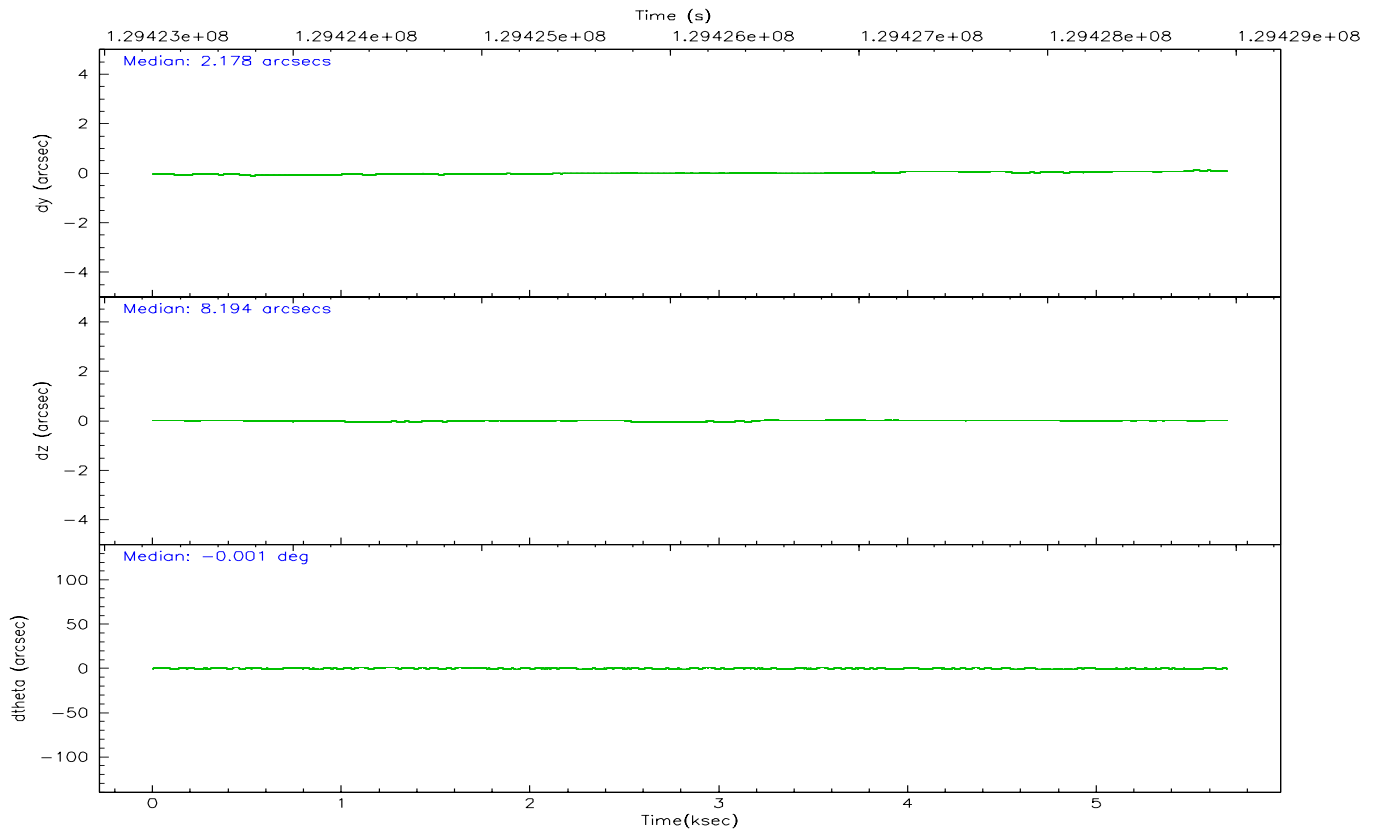
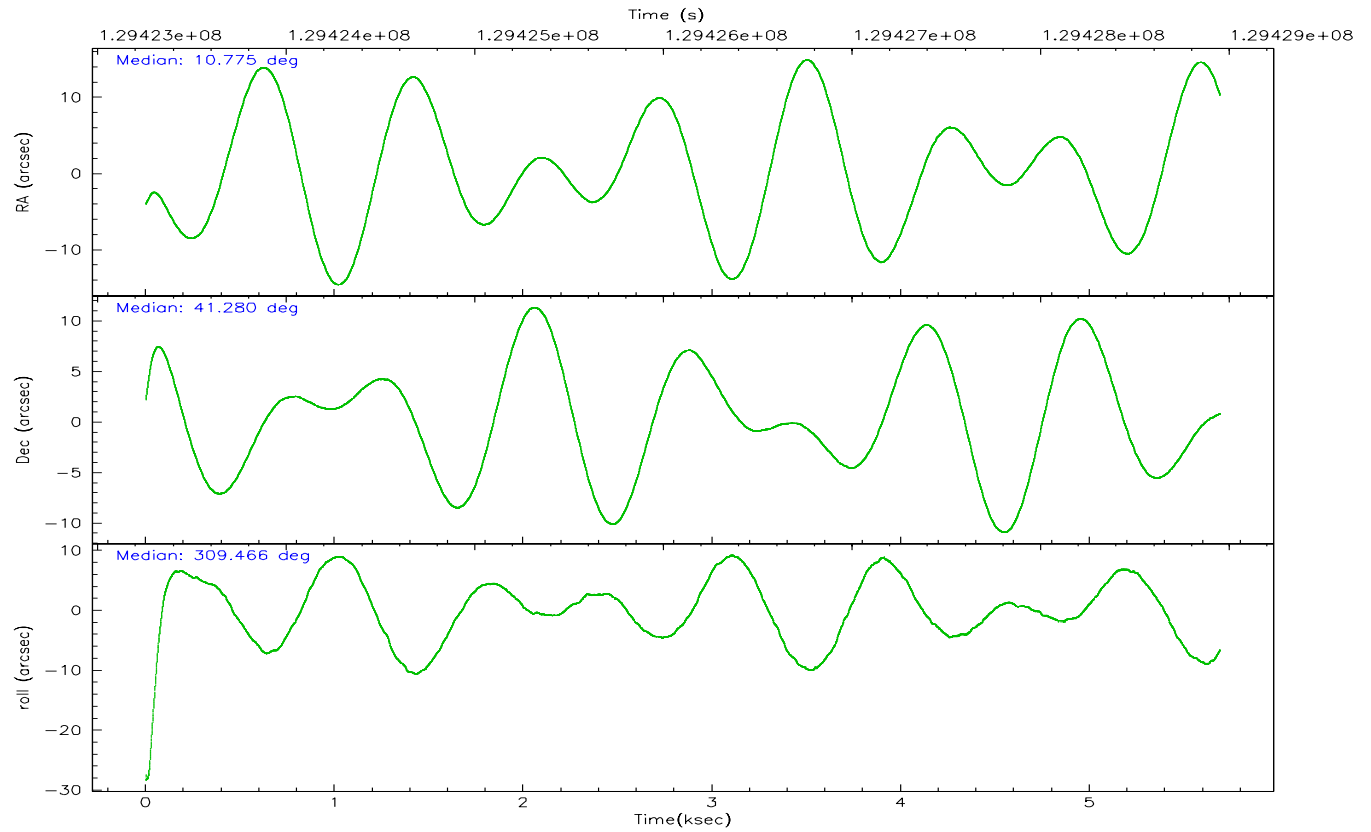
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3330	11033	2674	2767	2122	1409
	10%	26%	7%	8%	6%	3%
grade 1 events	38	214	23	24	19	18
	0%	0%	0%	0%	0%	0%
grade 2 events	1052	2030	896	919	818	4656
	3%	4%	2%	2%	2%	10%
grade 3 events	421	755	375	419	356	1113
	1%	1%	1%	1%	1%	2%
grade 4 events	390	783	384	402	416	1066
	1%	1%	1%	1%	1%	2%
grade 5 events	1241	1454	1091	1312	1421	2799
	3%	3%	3%	3%	4%	6%
grade 6 events	729	1017	688	718	761	11506
	2%	2%	2%	2%	2%	24%
grade 7 events	24537	24251	27382	26712	27728	23531
	77%	58%	81%	80%	82%	51%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	10.740489	10.77472160078163	Alternating exposures requested	N	N
Pointing Dec	41.289297	41.27972015948555	Primary exposure time	0.000000	3.2
Pointing Roll	309.283742	309.4697722163784			
Window start time	129168064.184000	129168064.184000			
Window stop time	129772864.184000	129772864.184000			
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	129423950.184000	129422735.61534			
Observation start date	2002-02-06T23:04:46	2002-02-06T22:45:35			
Observation end time	129428950.184000	129429304.84061			
Observation end date	2002-02-07T00:28:06	2002-02-07T00:35:04			
Read mode	TIMED	TIMED			

2.3 Aspect



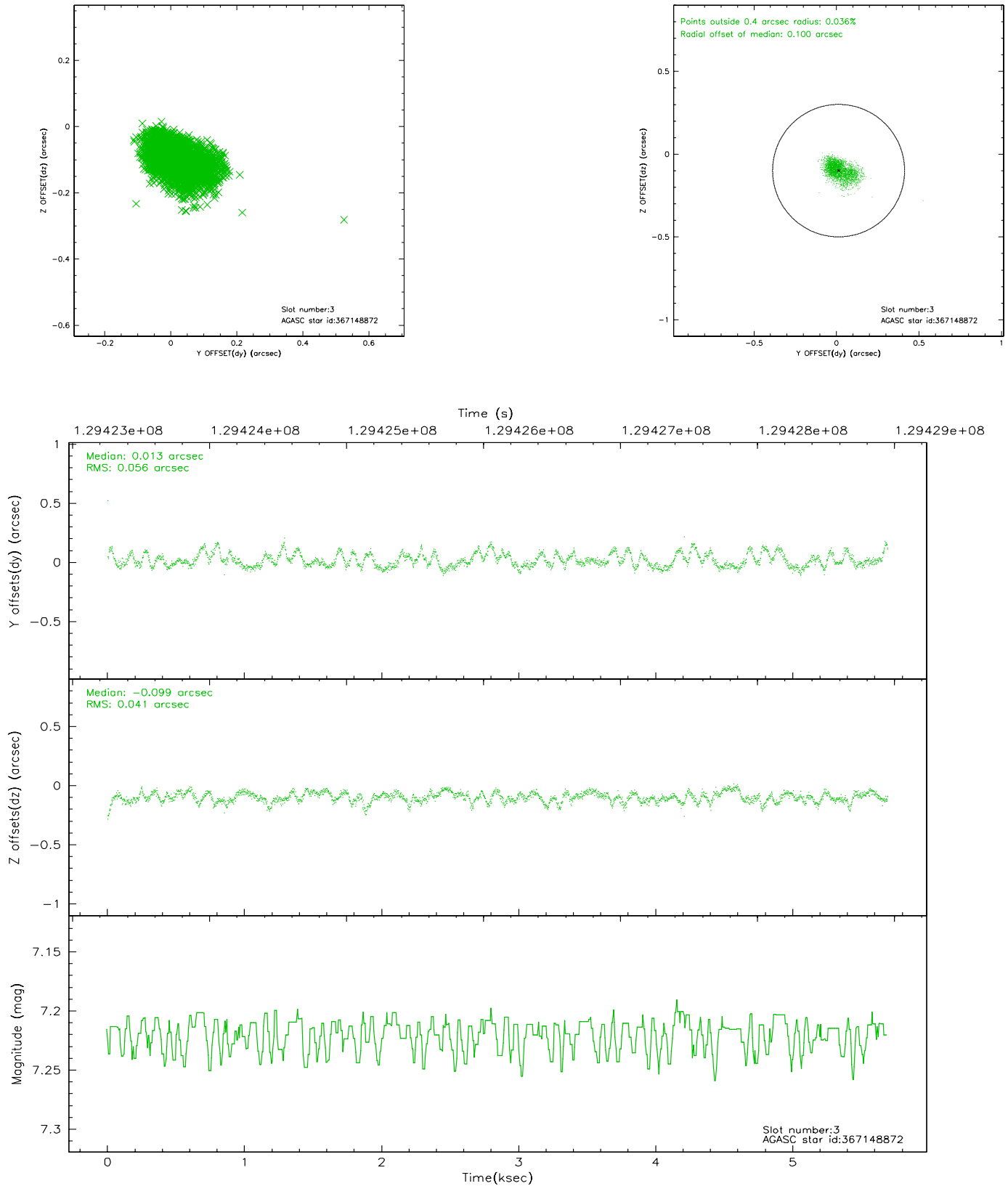


Slot Statistics

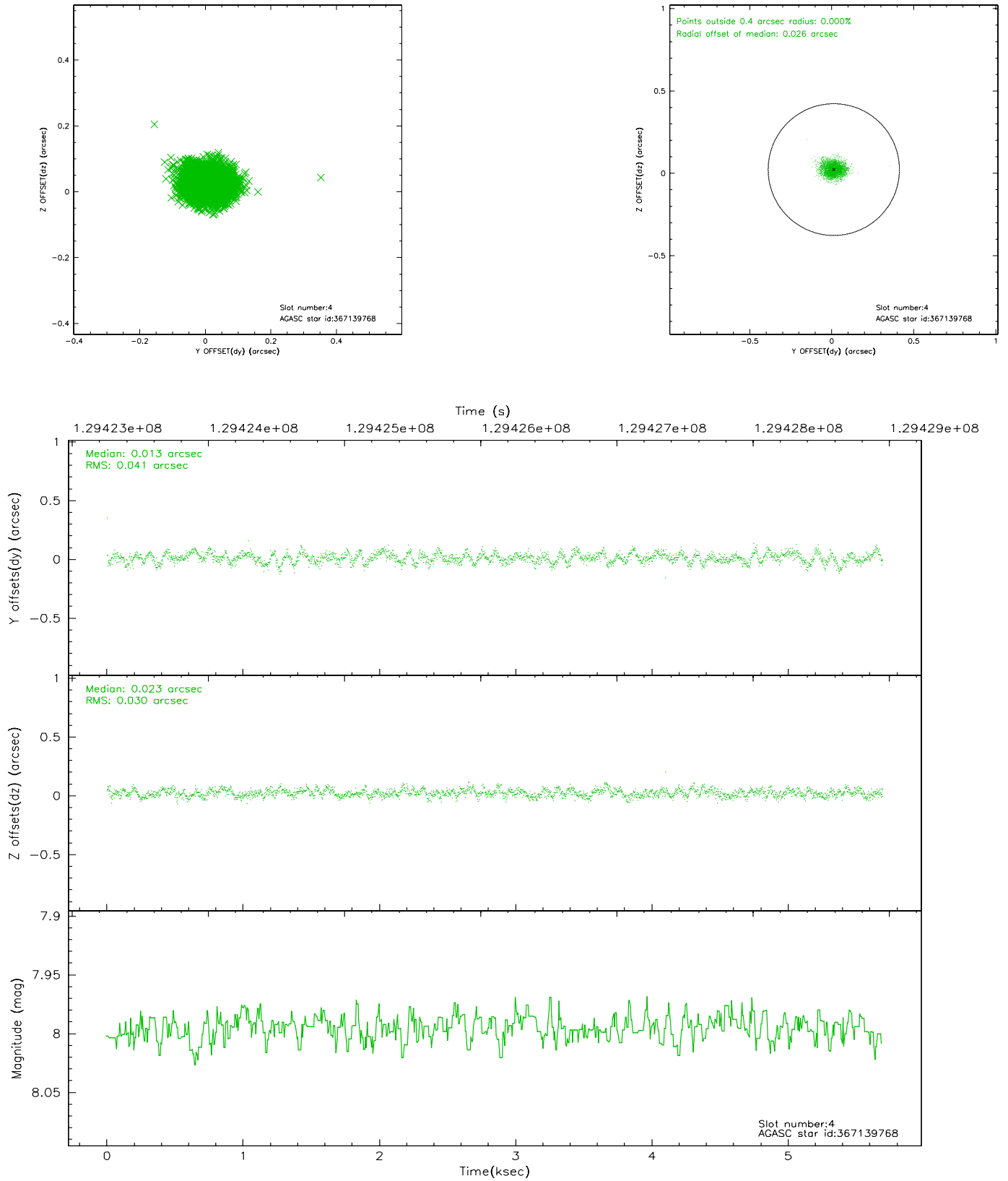
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1389	-0.060	0.101	0.006	0.010	0.000000	0.000000	937.57	-831.52
1	FID	ACIS-I-5	7.23	1389	0.014	0.022	0.006	0.010	0.000000	0.000000	-1809.86	1065.39
2	FID	ACIS-I-6	7.26	1389	-0.045	-0.052	0.006	0.011	0.000000	0.000000	402.02	1710.99
3	GUIDE	367148872	7.22	2778	0.013	-0.099	0.073	0.119	10.505940	40.688258	1268.99	-1865.79
4	GUIDE	367139768	8.00	2777	0.013	0.023	0.053	0.086	11.069715	40.685175	2251.69	-681.44
5	GUIDE	367657272	8.44	2775	0.108	0.047	0.062	0.103	11.834471	41.298907	1832.97	2323.18
6	GUIDE	367674552	8.85	2777	-0.004	0.050	0.068	0.115	11.016238	41.570845	-314.60	1217.61
7	GUIDE	367671800	9.39	2776	-0.131	-0.022	0.086	0.139	10.554735	41.964935	-2198.23	1155.21

2.4 Star Slots

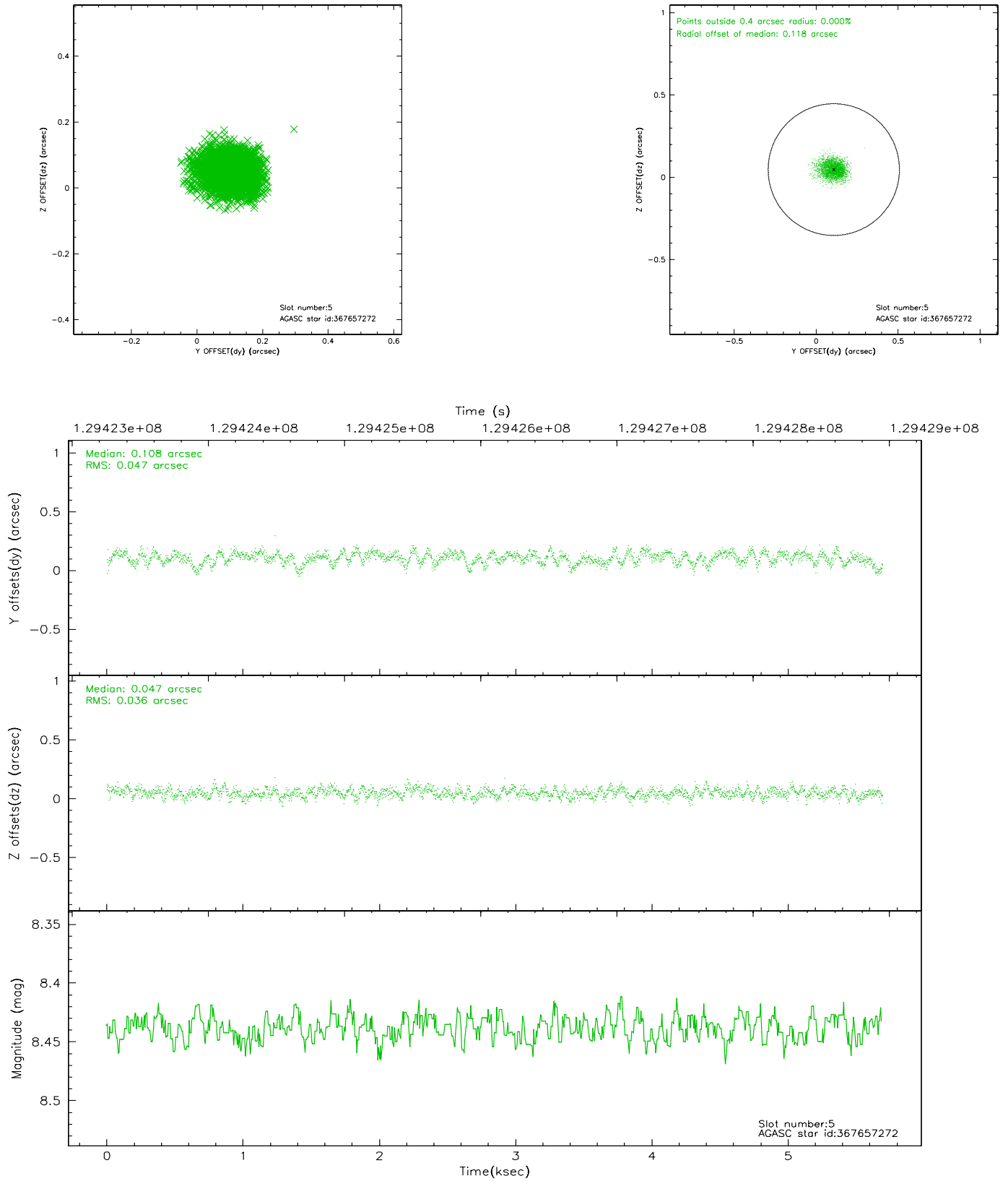
2.4.1 Slot 3



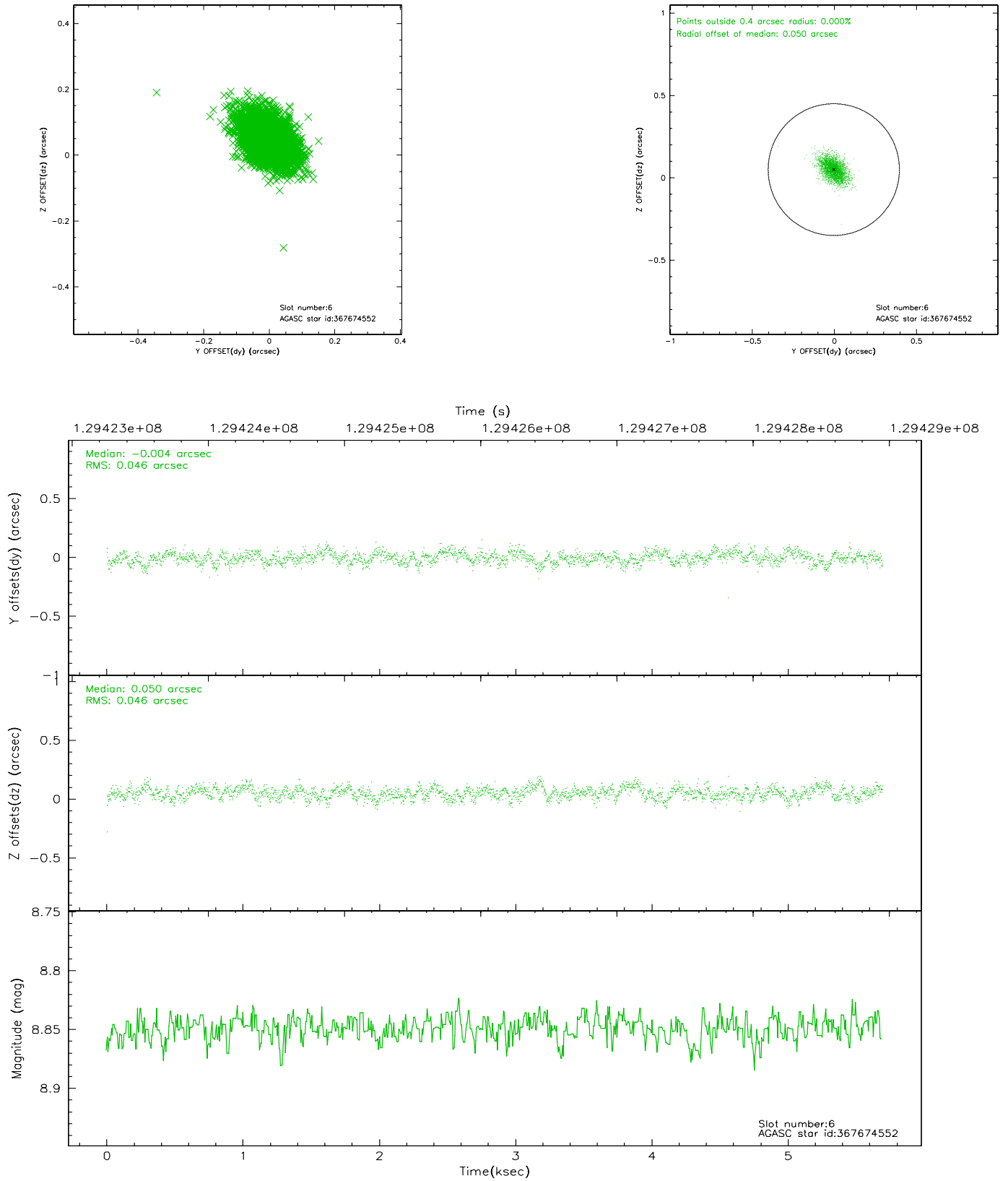
2.4.2 Slot 4



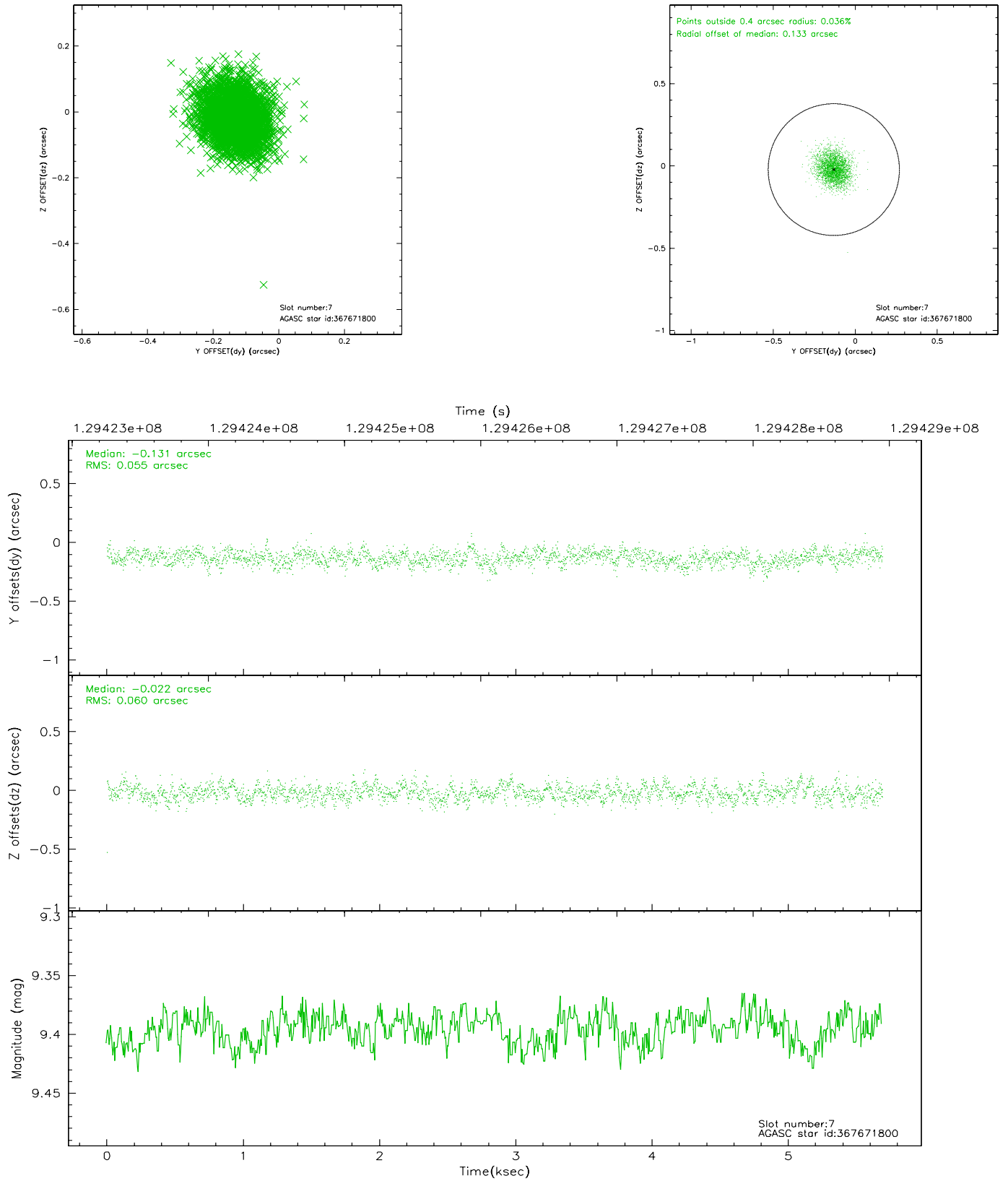
2.4.3 Slot 5



2.4.4 Slot 6

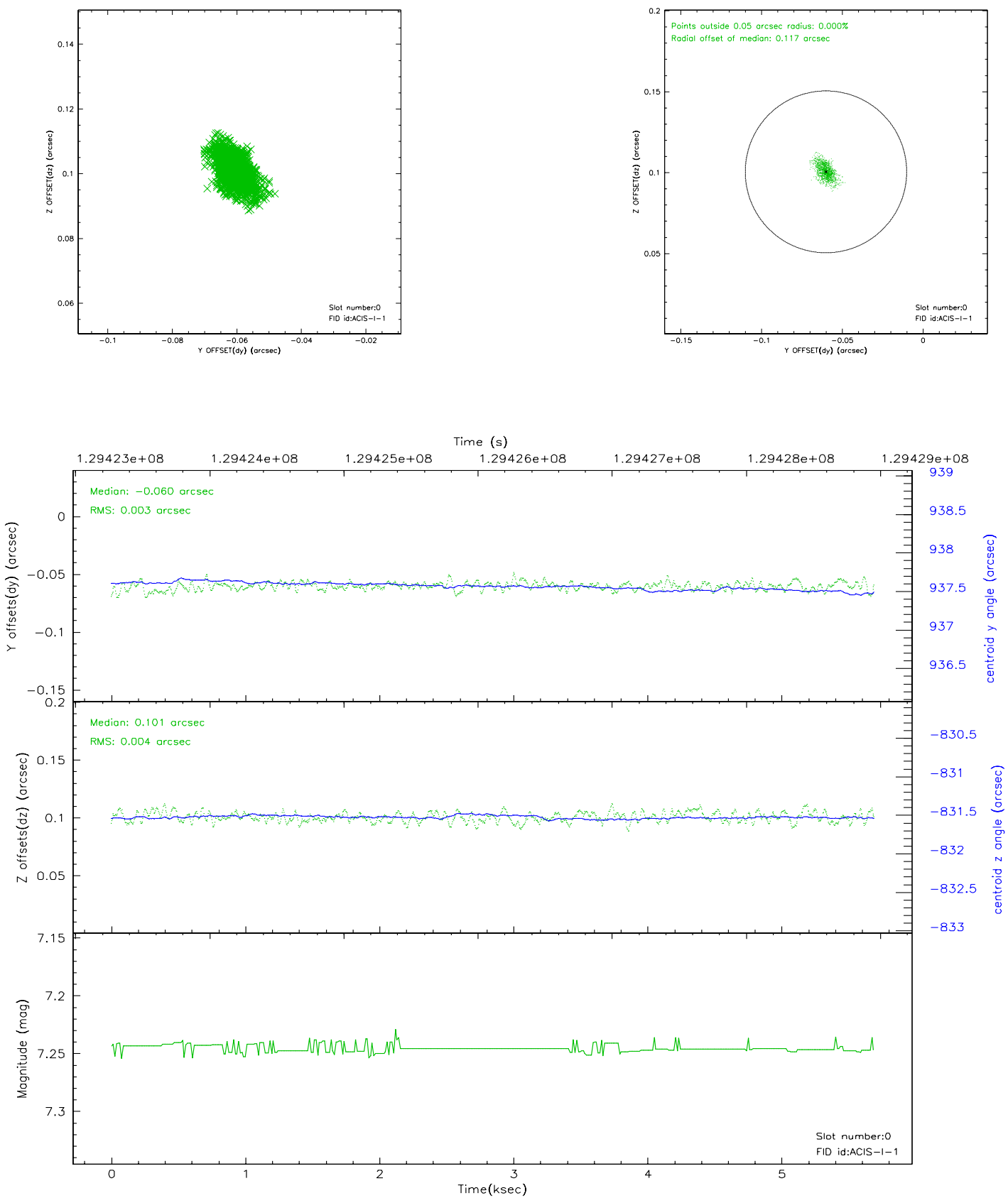


2.4.5 Slot 7

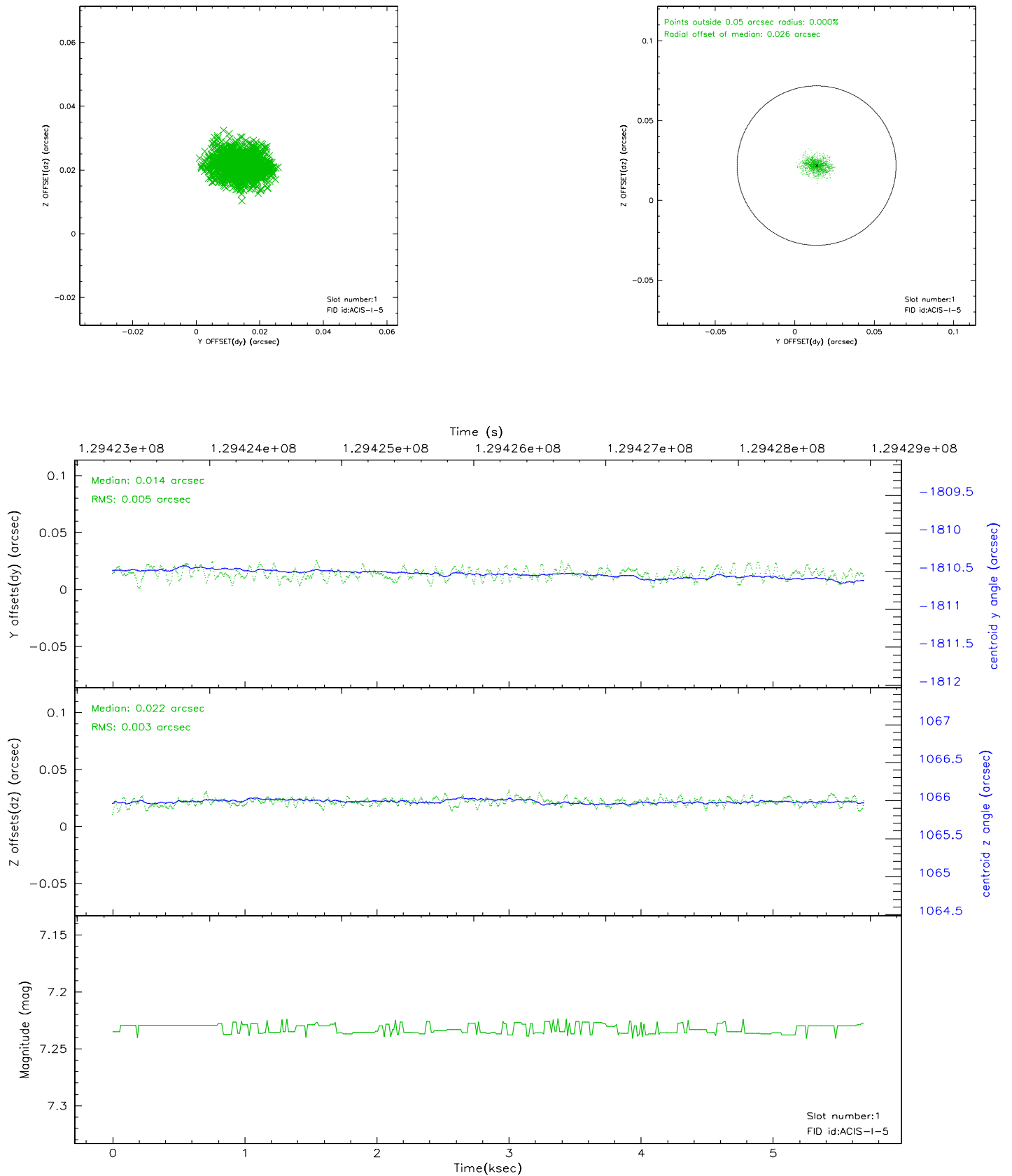


2.5 FID Slots

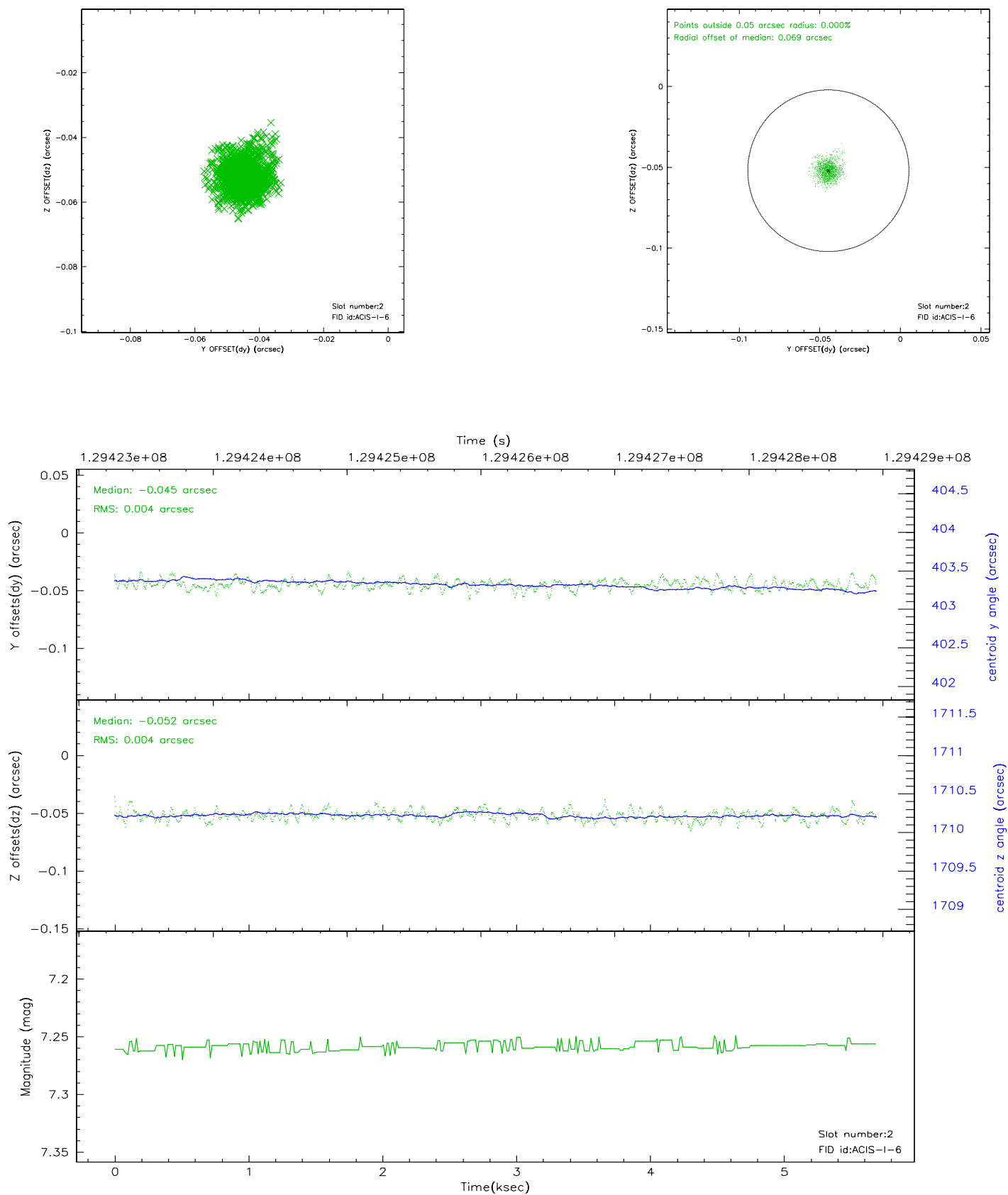
2.5.1 Slot 0



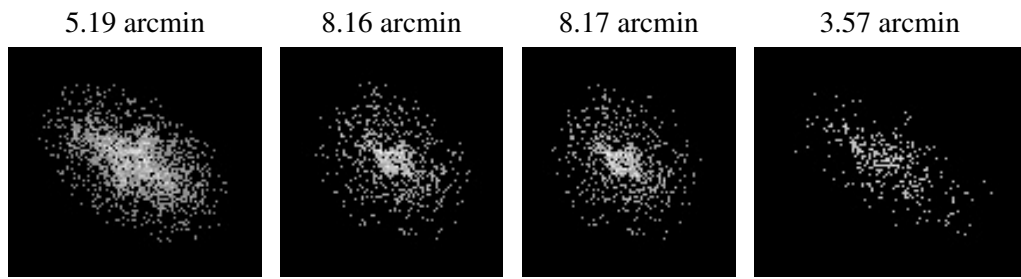
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.966

A.2 Comments

Window constraint satisfied.