

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2898 - L2 Version 001
Chandra X-Ray Center

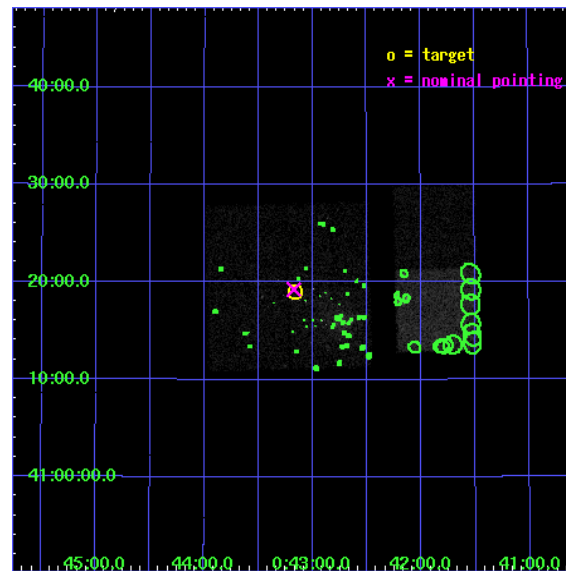
L2 Processing Date : Sep 18 2006

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1 Front

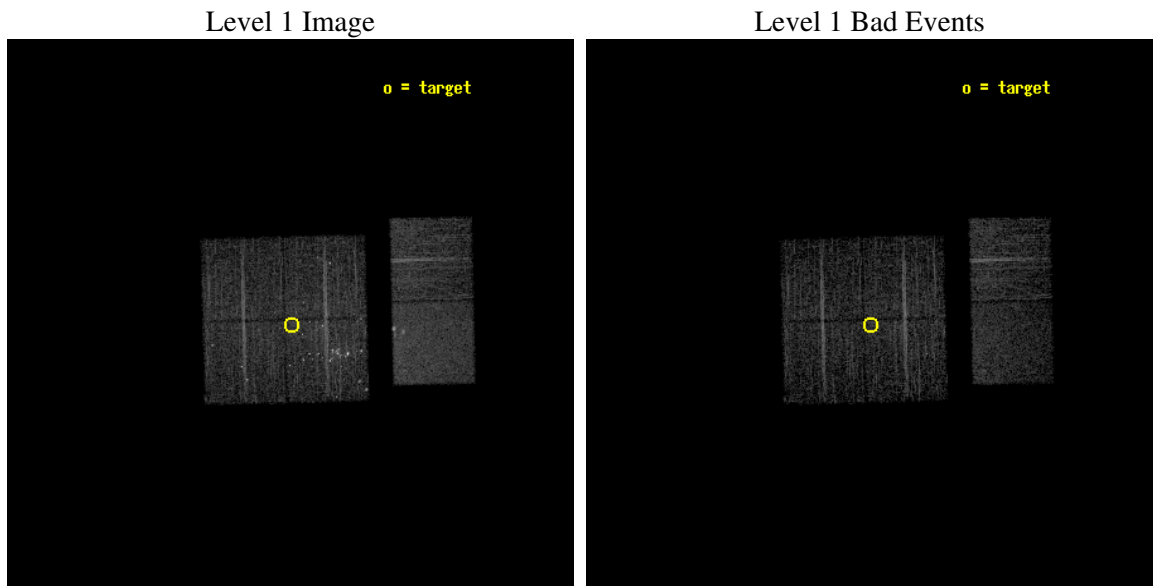
seq_num	600235
obs_id	2898
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-T4
dtcycle	0
cycle	P
ra_targ	10.790833
dec_targ	41.316867
ra_nom	10.793368659147
dec_nom	41.321171002342
roll_nom	88.605843177004
revision	2
ontime	4959.9999815226
livetime	4897.1934752031
ontime0	4959.9999815226
ontime1	4959.9999815226
ontime2	4959.9999815226
ontime3	4959.9999815226
ontime6	4959.9999815226
ontime7	4959.9999815226
l2events	46898



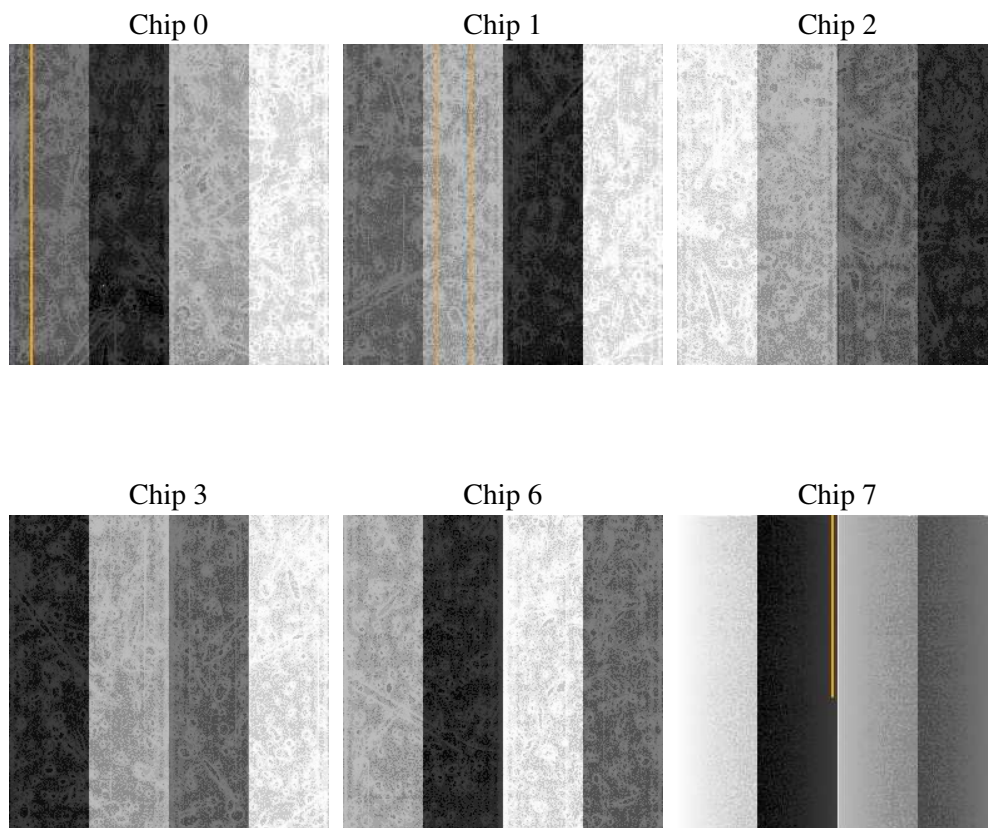
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-18T03:53:16
revision	2

sched_exp_time	5000.000000
ontime	4965.2086729705
ontime0	4965.2086729705
ontime1	4965.2086729705
ontime2	4965.2086729705
ontime3	4965.2086729705
ontime6	4965.2086729705
ontime7	4965.2086729705
l1events	214031

2.1.4 Events

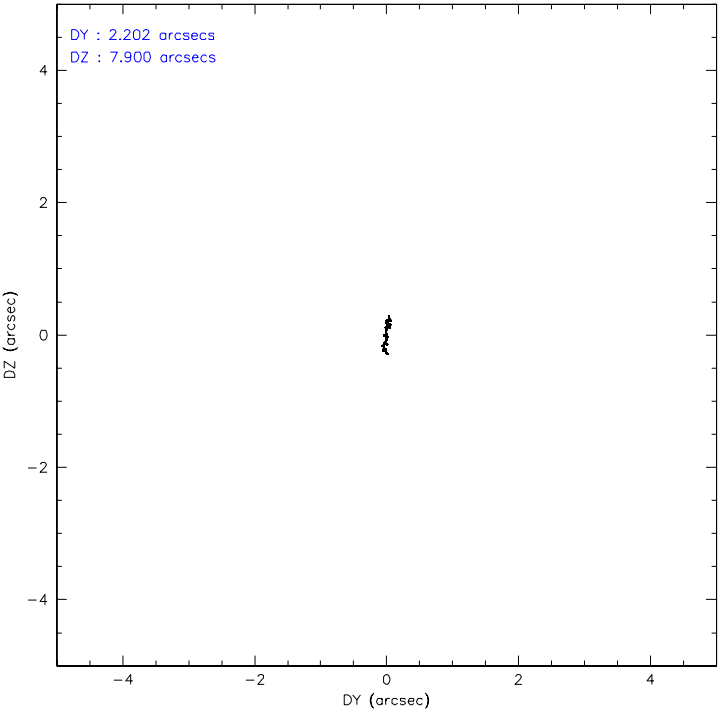
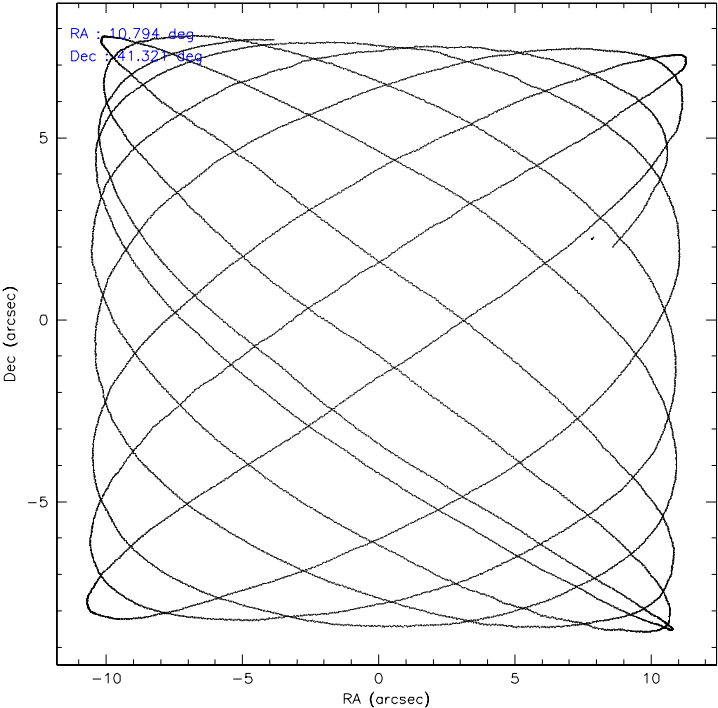
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	29520	30420	33046	43500	34716	42829
rejected events	25551	25434	28308	27978	30627	25417
rejected %	86%	83%	85%	64%	88%	59%

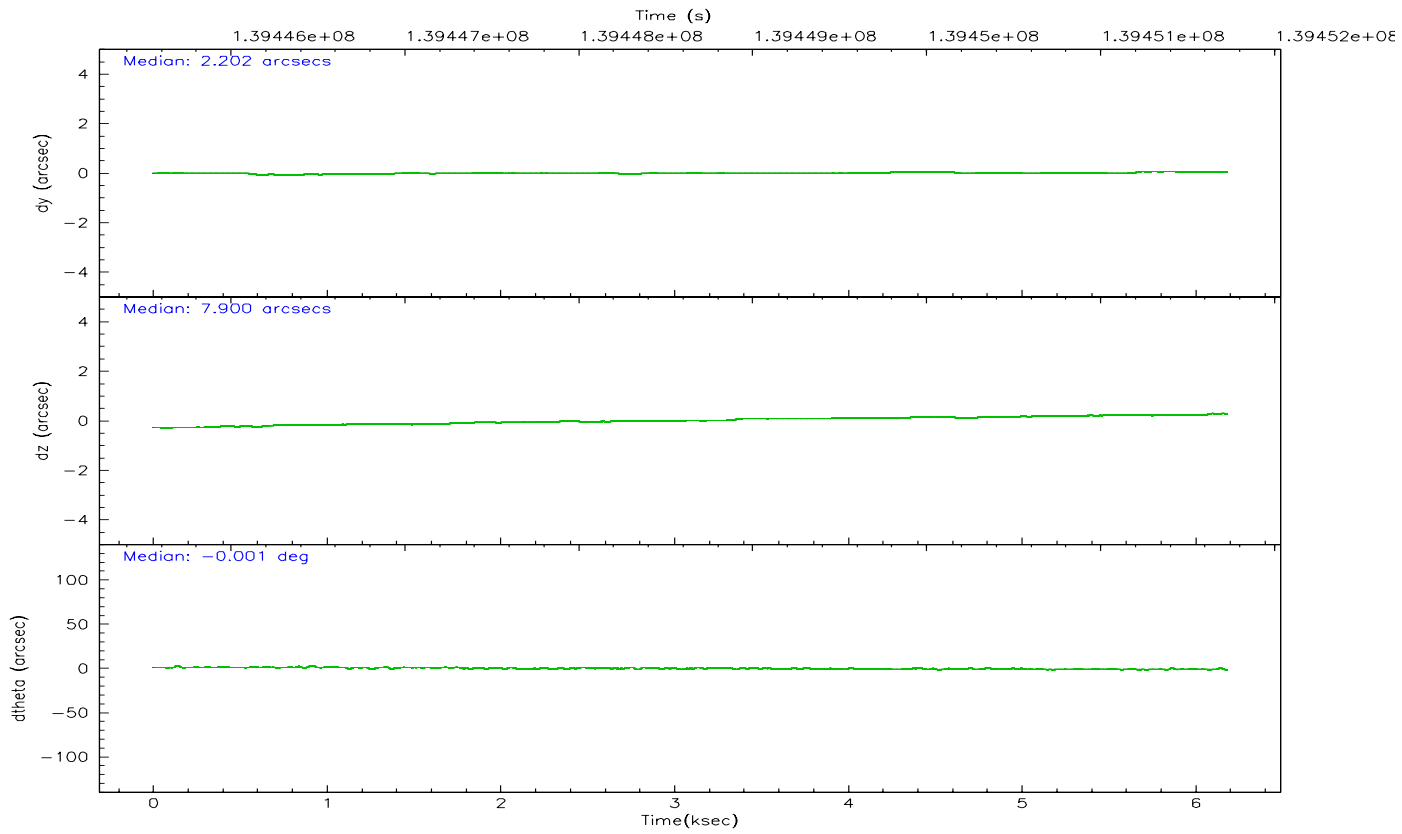
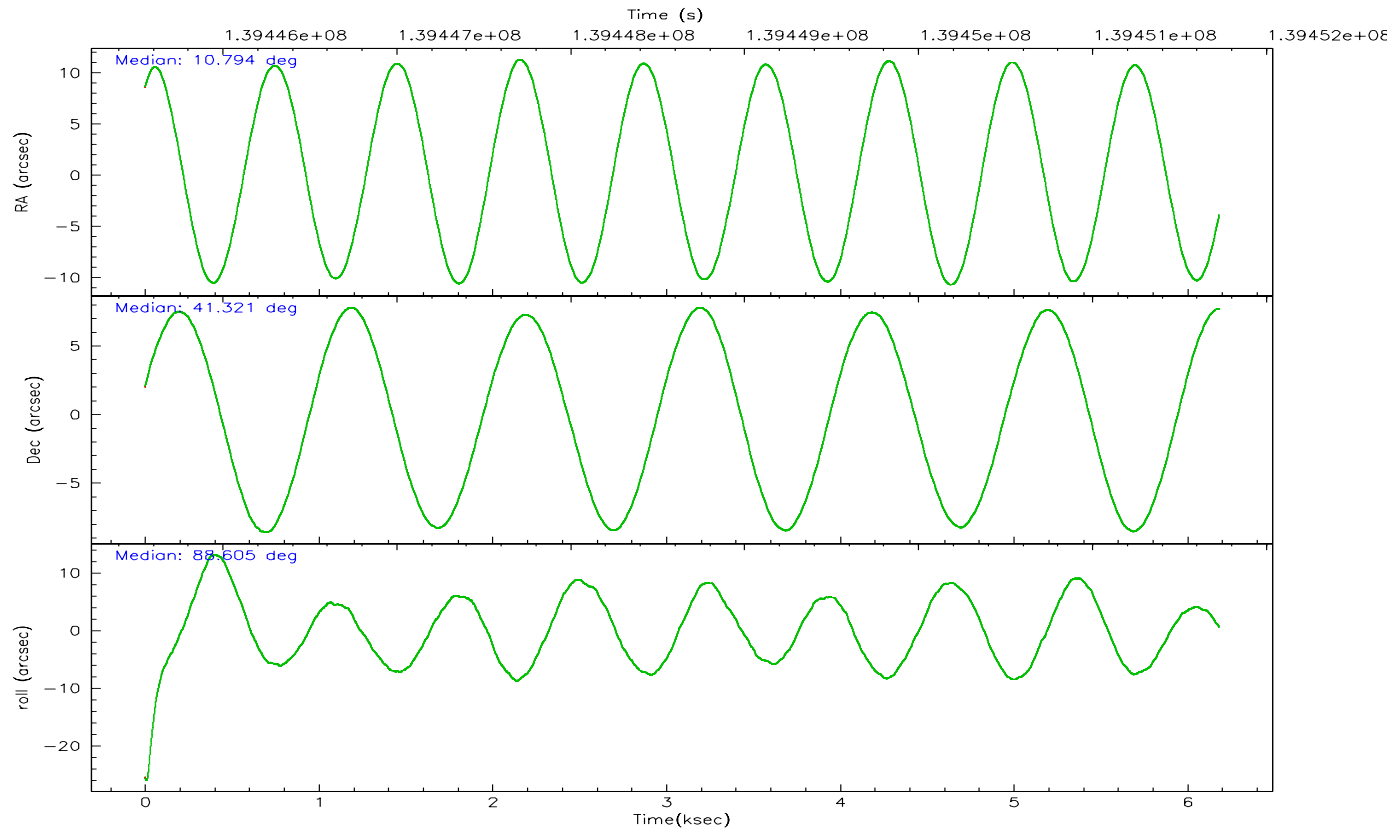
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1736	2451	2483	11265	1648	1313
	5%	8%	7%	25%	4%	3%
grade 1 events	14	16	17	153	16	18
	0%	0%	0%	0%	0%	0%
grade 2 events	853	953	918	1921	826	4283
	2%	3%	2%	4%	2%	10%
grade 3 events	361	416	346	742	411	1082
	1%	1%	1%	1%	1%	2%
grade 4 events	372	431	377	669	374	963
	1%	1%	1%	1%	1%	2%
grade 5 events	1155	1274	1109	1366	1436	2916
	3%	4%	3%	3%	4%	6%
grade 6 events	653	745	619	941	832	9800
	2%	2%	1%	2%	2%	22%
grade 7 events	24376	24134	27177	26443	29173	22454
	82%	79%	82%	60%	84%	52%

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	10.810952	10.79336865914736	Subarray requested	NONE	NONE
Pointing Dec	41.297105	41.32117100234217	Alternating exposures requested	N	N
Pointing Roll	88.385597	88.60584317700385	Primary exposure time	0.000000	3.2
Window start time	139363264.184000	139363264.184000			
Window stop time	140054464.184000	140054464.184000			
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	139446733.184000	139445276.22227			
Observation start date	2002-06-02T23:11:09	2002-06-02T22:47:56			
Observation end time	139451733.184000	139452807.41008			
Observation end date	2002-06-03T00:34:29	2002-06-03T00:53:27			
Read mode	TIMED	TIMED			

2.3 Aspect



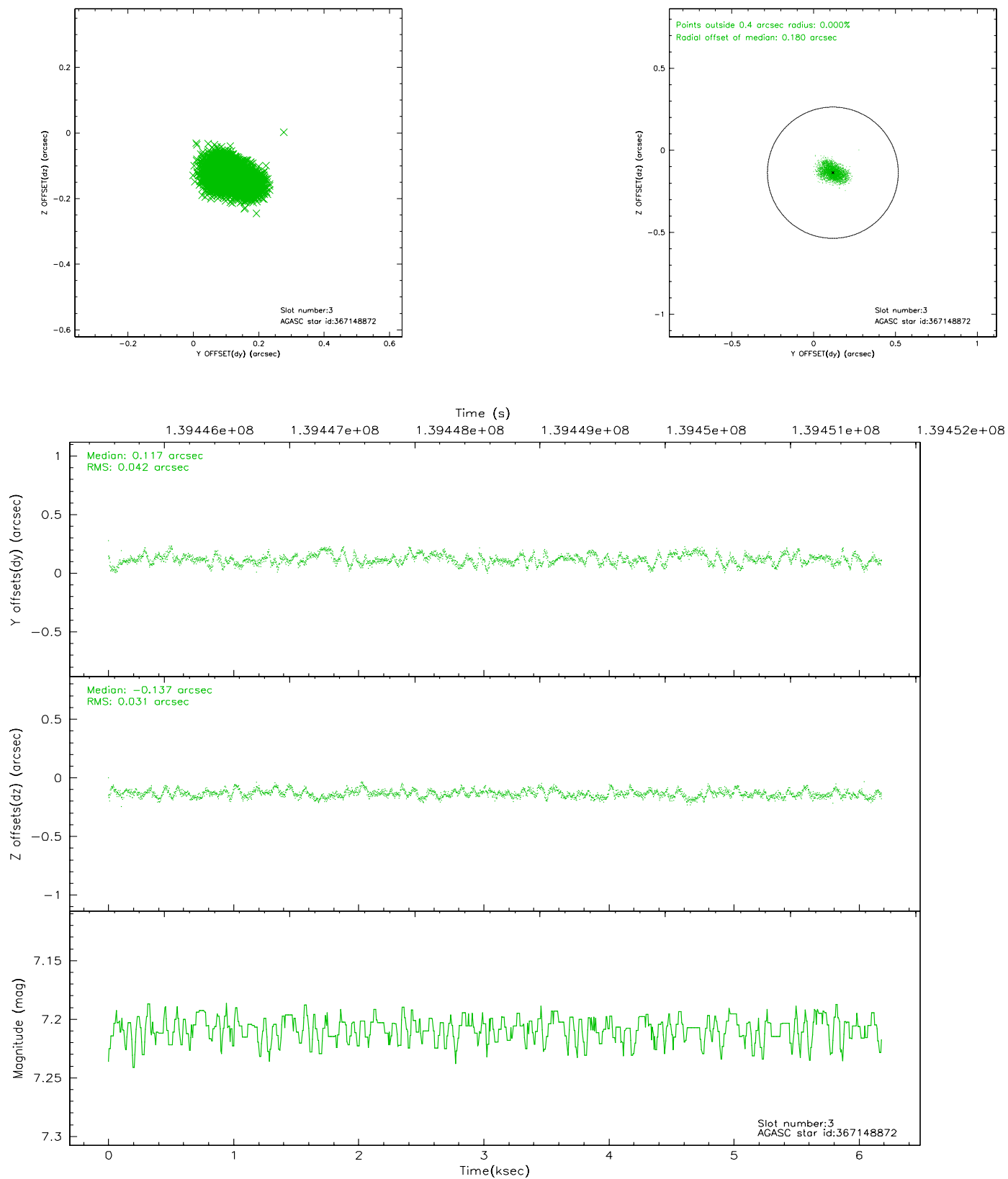


Slot Statistics

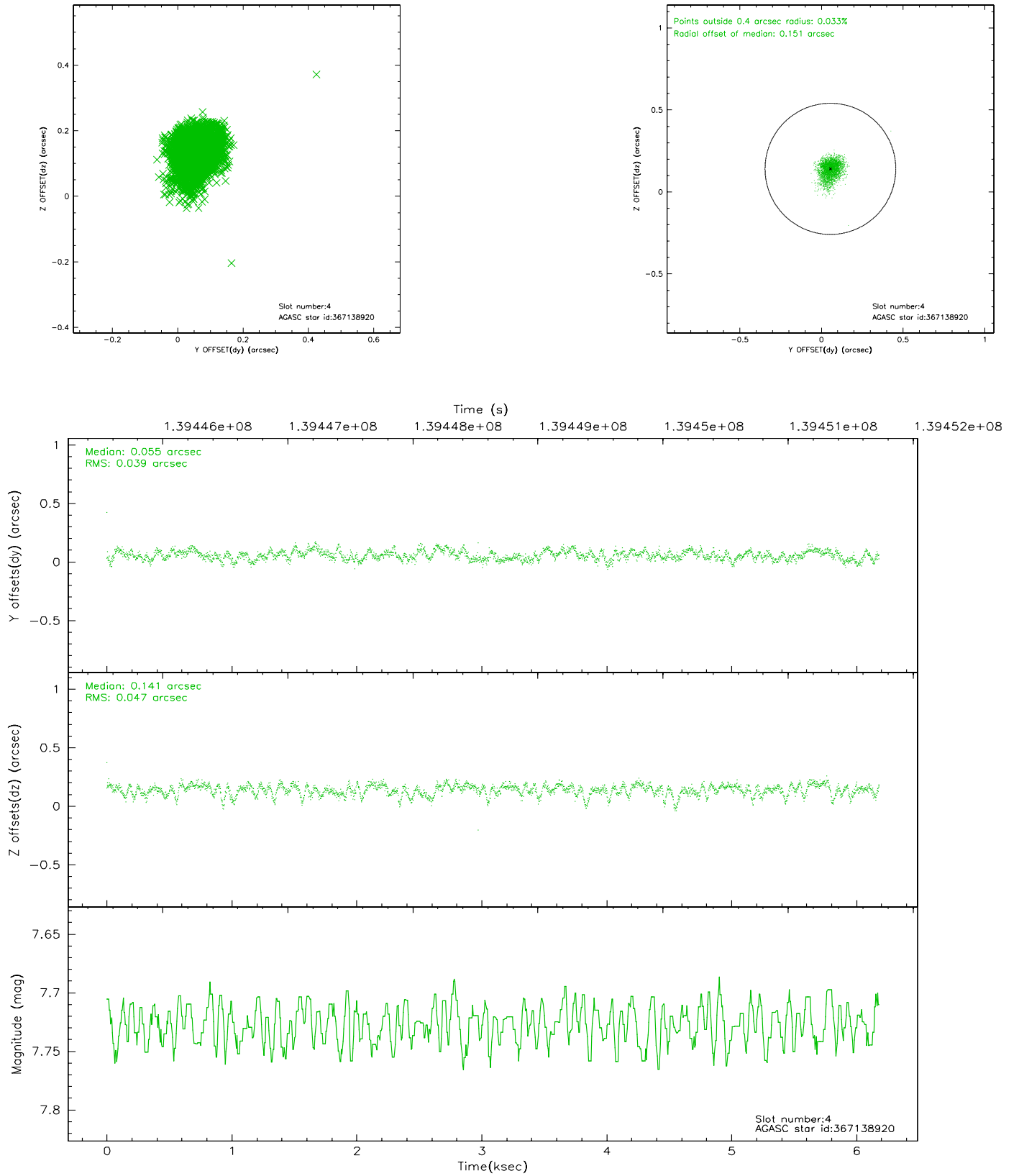
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1509	-0.047	0.089	0.010	0.017	0.000000	0.000000	937.55	-831.25
1	FID	ACIS-I-5	7.23	1508	-0.001	0.030	0.007	0.012	0.000000	0.000000	-1809.95	1065.74
2	FID	ACIS-I-6	7.26	1508	-0.043	-0.048	0.007	0.012	0.000000	0.000000	402.10	1711.22
3	GUIDE	367148872	7.21	3017	0.117	-0.137	0.056	0.091	10.505940	40.688258	-2213.09	771.51
4	GUIDE	367138920	7.73	3014	0.055	0.141	0.063	0.106	11.513485	40.808909	-1696.07	-1961.68
5	GUIDE	367139768	7.98	3017	0.184	0.139	0.081	0.119	11.069715	40.685175	-2181.61	-767.70
6	GUIDE	367671800	9.41	3015	-0.262	-0.043	0.098	0.159	10.554735	41.964935	2383.89	754.12
7	GUIDE	367665472	9.48	3013	-0.092	-0.104	0.088	0.141	10.241611	41.730843	1523.44	1574.34

2.4 Star Slots

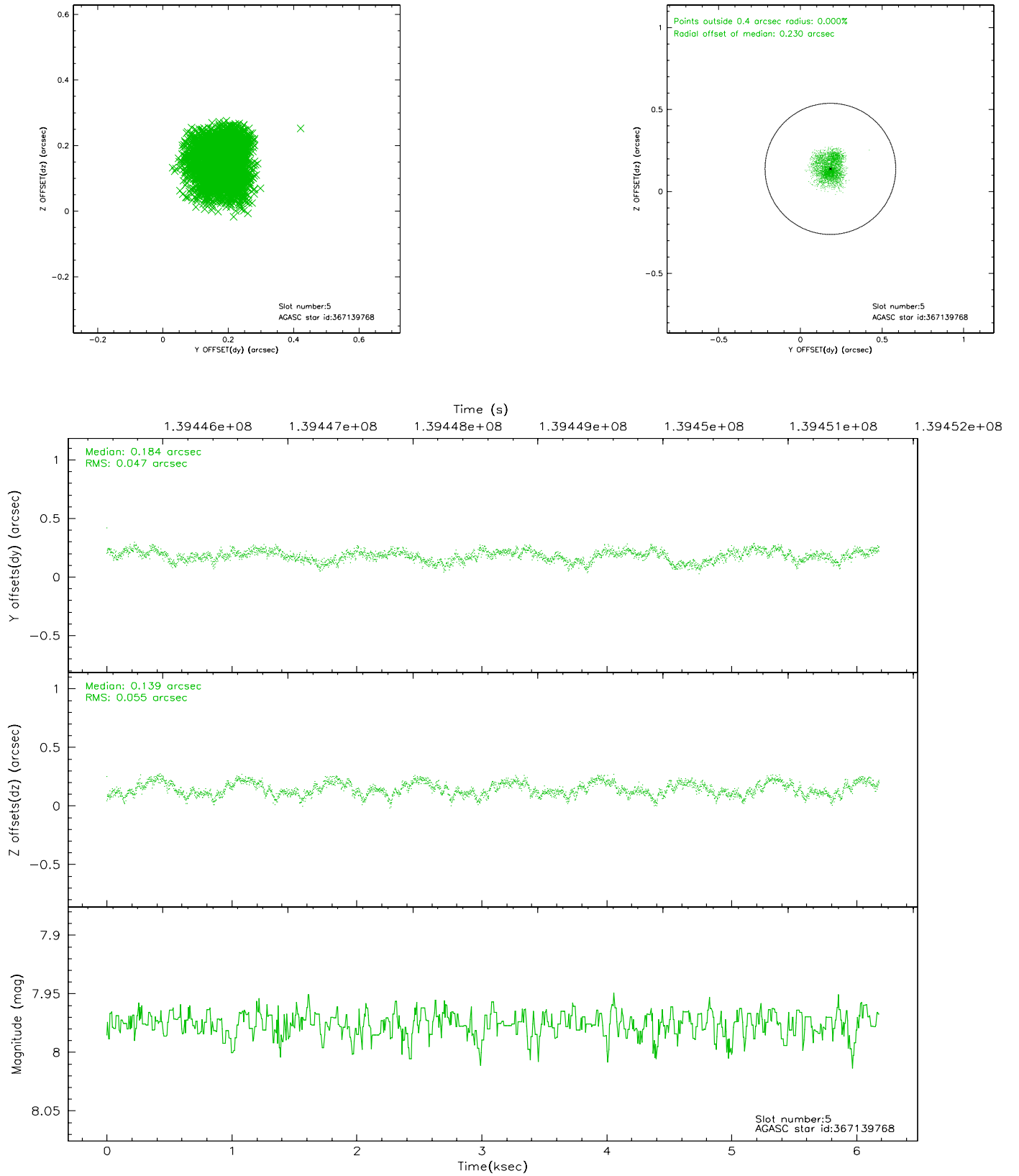
2.4.1 Slot 3



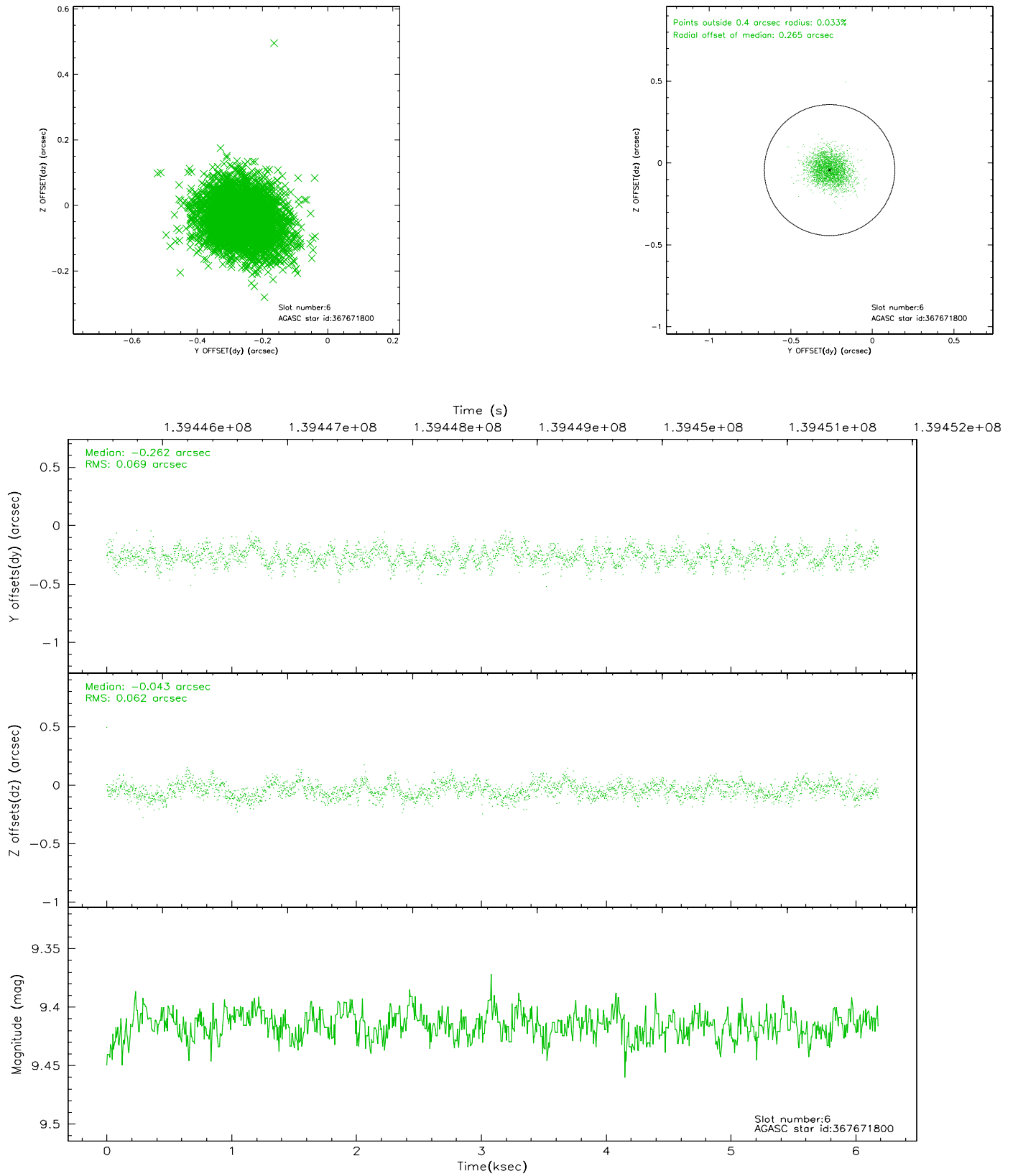
2.4.2 Slot 4



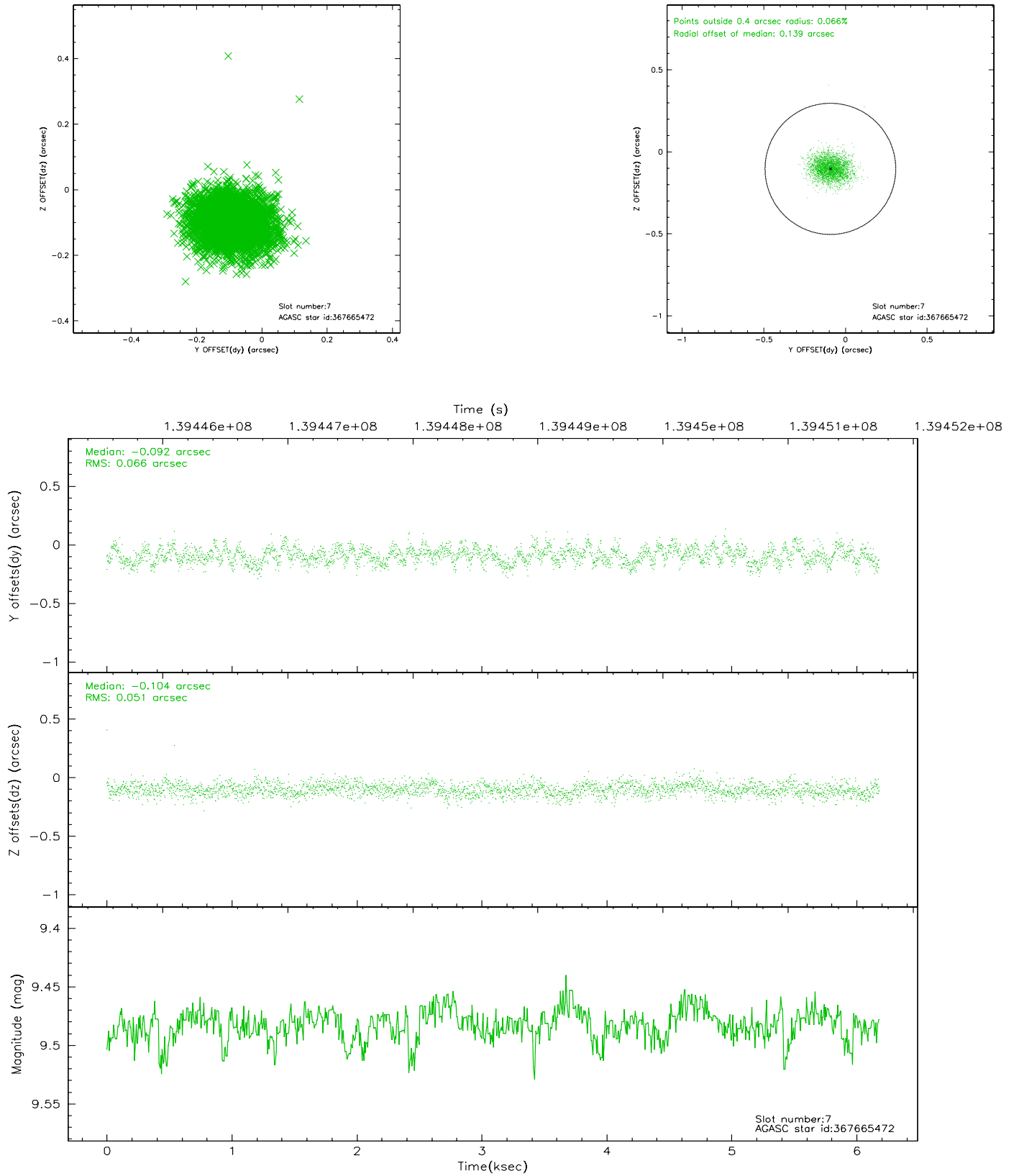
2.4.3 Slot 5



2.4.4 Slot 6

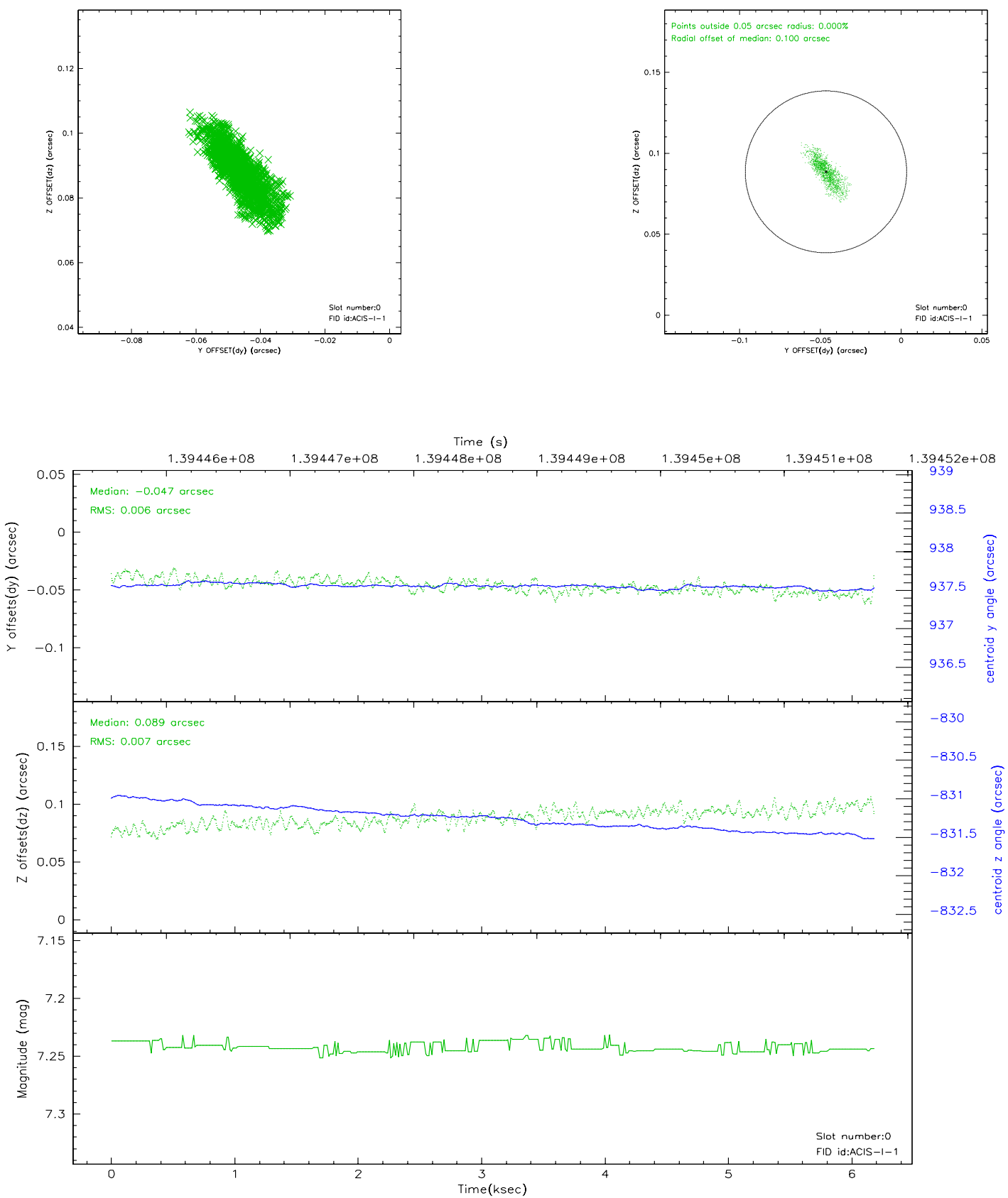


2.4.5 Slot 7

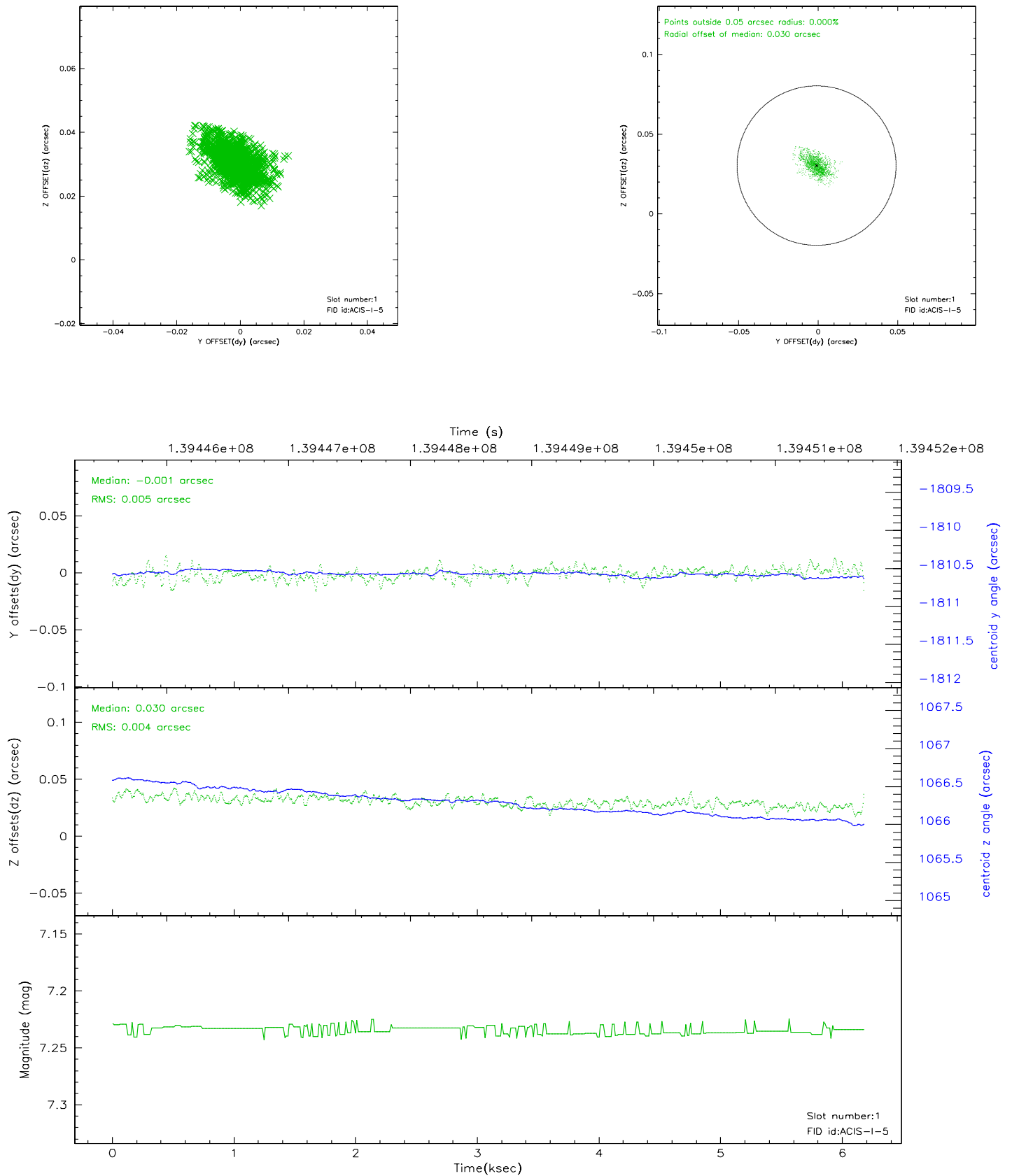


2.5 FID Slots

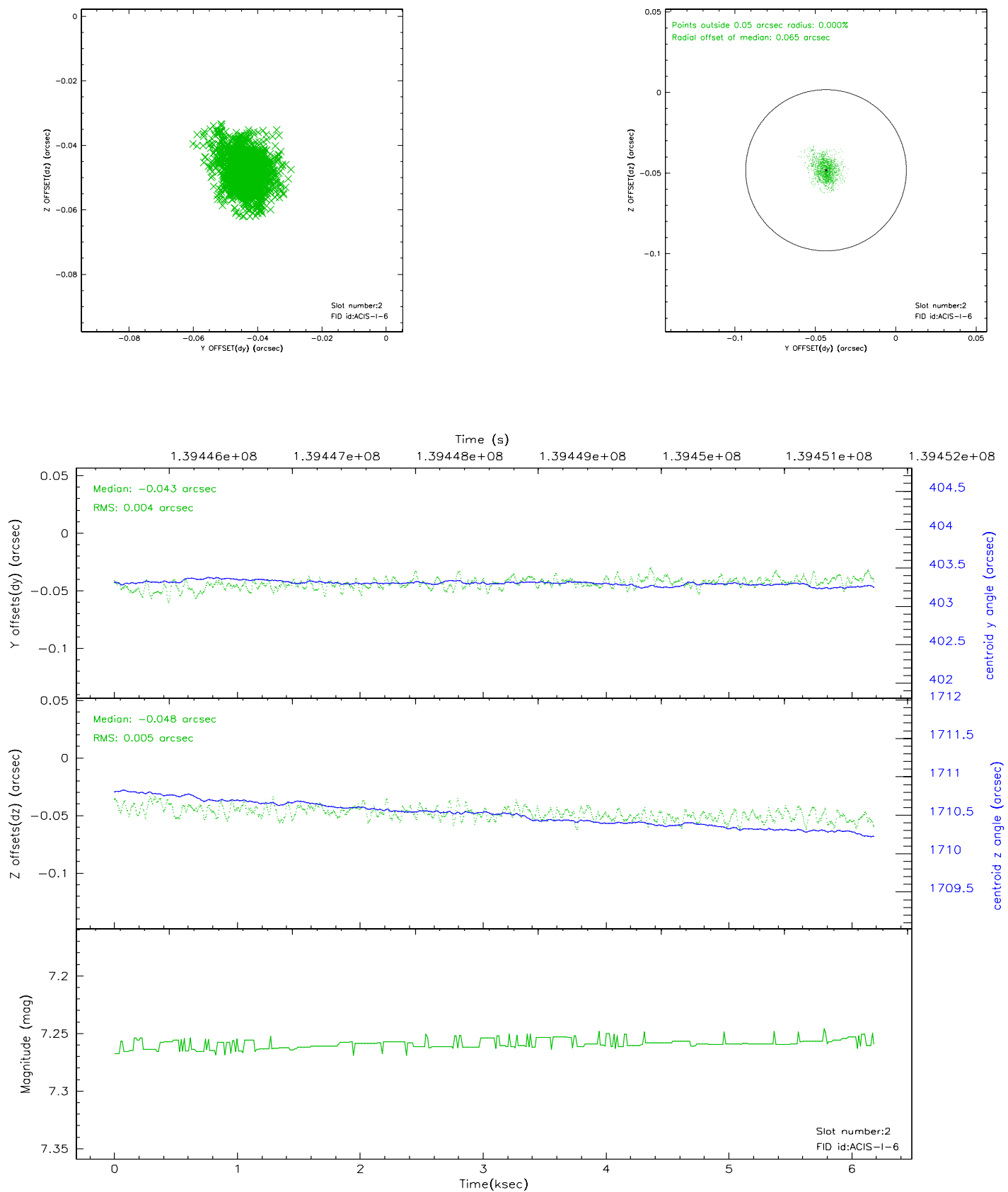
2.5.1 Slot 0



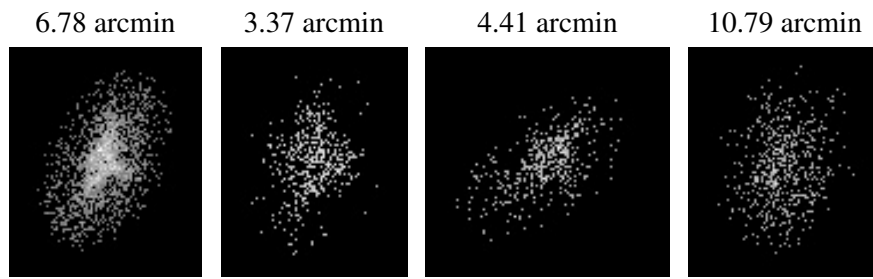
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.963

A.2 Comments