

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4490 - L2 Version 001
Chandra X-Ray Center

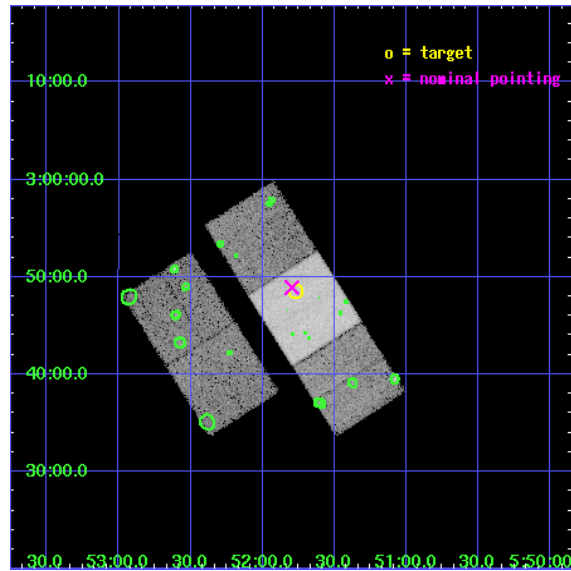
L2 Processing Date : Apr 10 2006

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1 Front

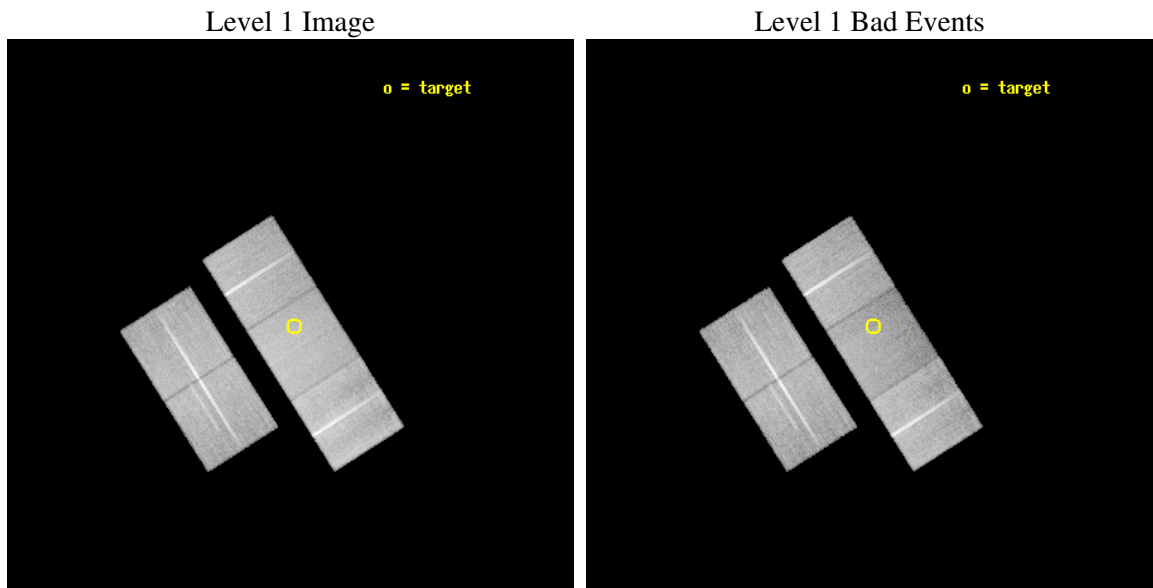
seq_num	200259
obs_id	4490
title	SHOCKS AND X-RAYS IN PROTOSTELLAR JETS
observer	Dr. Manuel Guedel
object	HH111
dtcycle	0
cycle	P
ra_targ	87.9425
dec_targ	2.80825
ra_nom	87.949021821077
dec_nom	2.8153576910667
roll_nom	57.612865929149
revision	2
ontime	29177.1999439
livetime	28795.978346691
ontime2	29174.058953673
ontime3	29174.058963656
ontime6	29177.1999439
ontime7	29177.1999439
ontime8	29174.058953643
l2events	150000



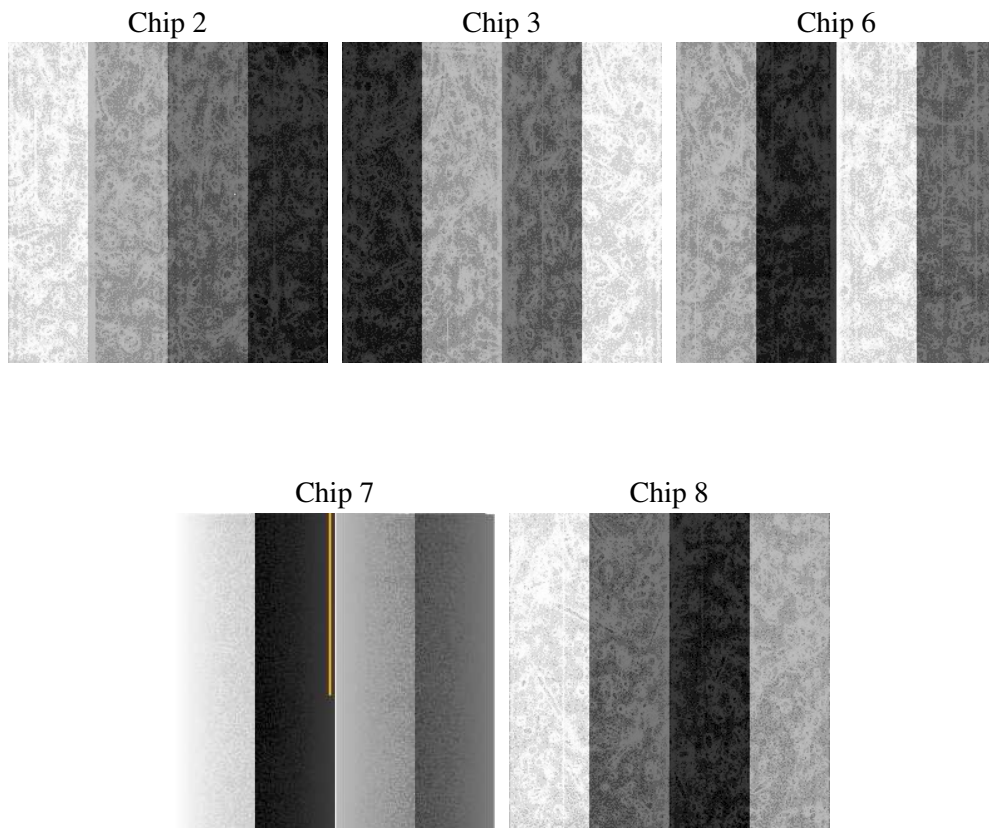
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-10T11:05:44
revision	2

sched_exp_time	29000.000000
ontime	29236.564382732
ontime2	29233.423392504
ontime3	29233.423402488
ontime6	29236.564382732
ontime7	29236.564382732
ontime8	29233.423392475
l1events	1028086

2.1.4 Events

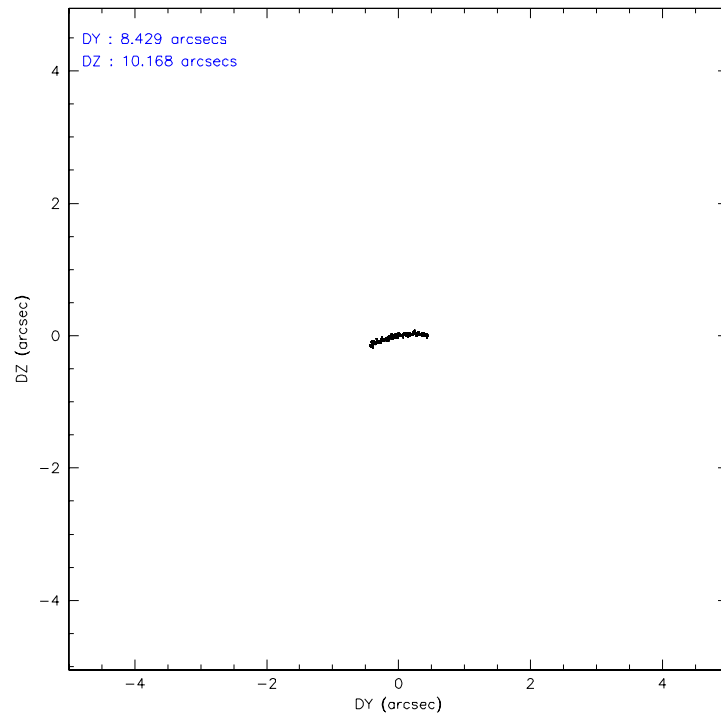
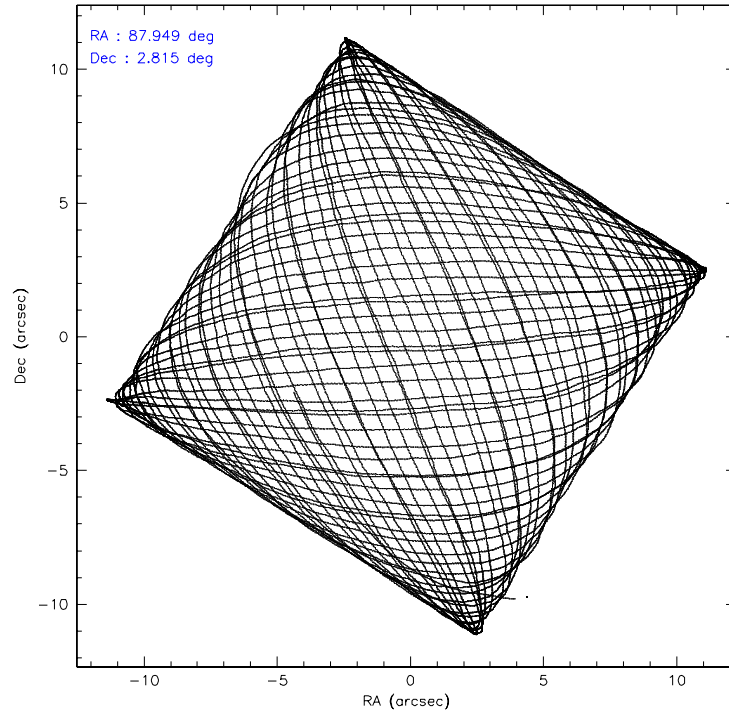
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	192523	190350	192962	208278	243973
rejected events	174795	173119	174050	122261	189041
rejected %	90%	90%	90%	58%	77%

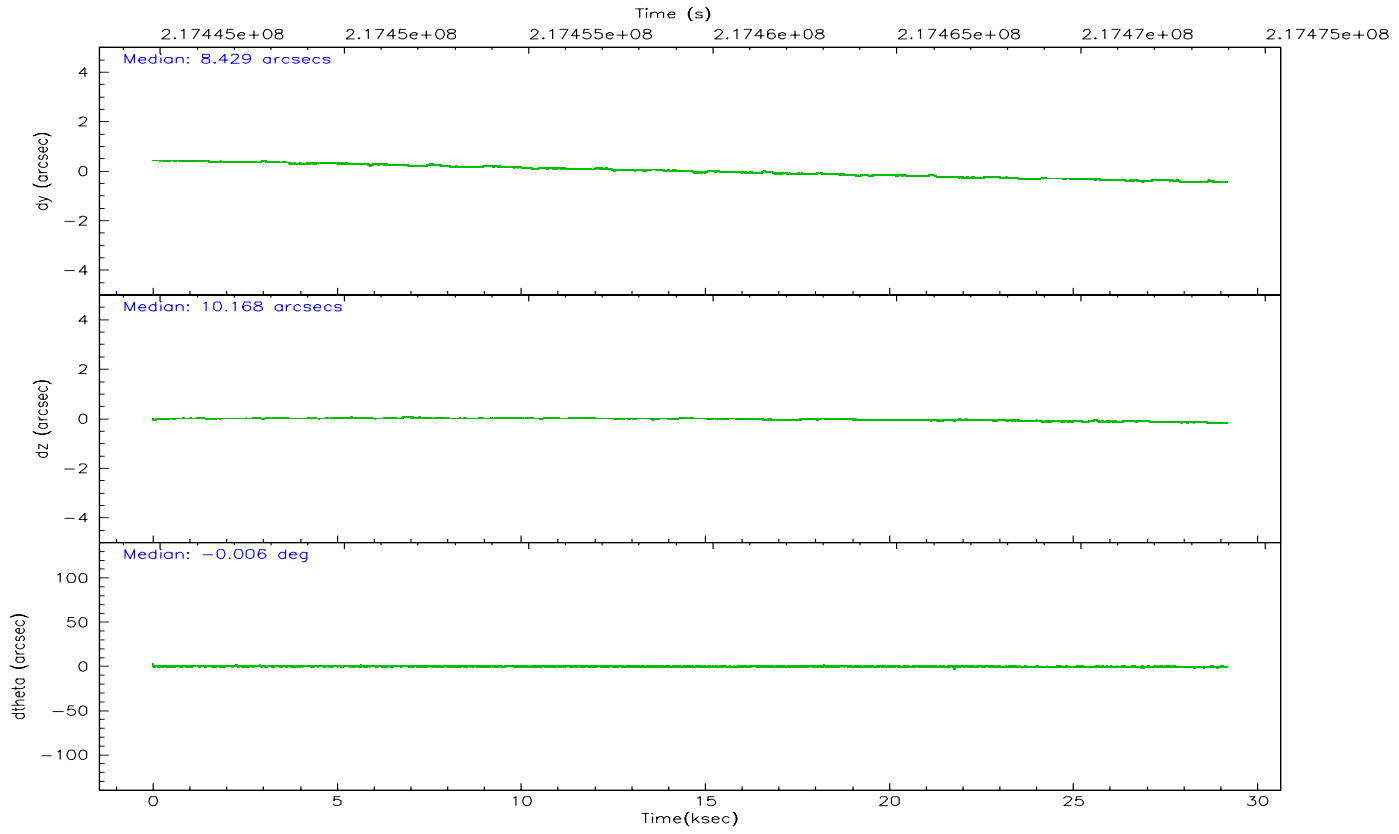
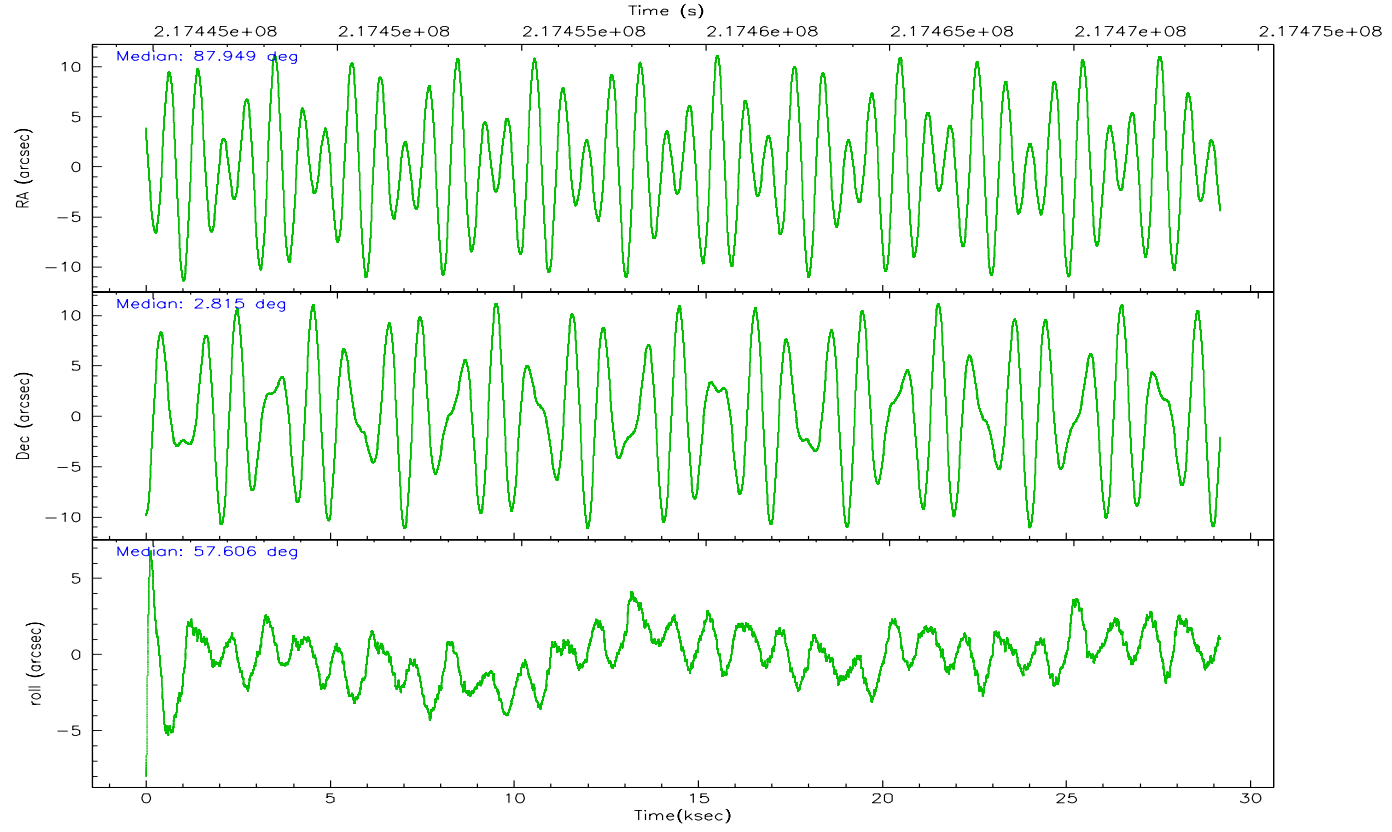
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	6427	5898	6444	4686	16403
	3%	3%	3%	2%	6%
grade 1 events	86	83	89	116	181
	0%	0%	0%	0%	0%
grade 2 events	4083	3690	4109	21307	12158
	2%	1%	2%	10%	4%
grade 3 events	1990	1988	2185	4718	6001
	1%	1%	1%	2%	2%
grade 4 events	2058	2086	2116	4683	5520
	1%	1%	1%	2%	2%
grade 5 events	6110	7306	7724	15400	10698
	3%	3%	4%	7%	4%
grade 6 events	3207	3606	4095	50811	15036
	1%	1%	2%	24%	6%
grade 7 events	168562	165693	166200	106557	177976
	87%	87%	86%	51%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	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	87.948271	87.94902182107684	Alternating exposures requested	N	N
Pointing Dec	2.788162	2.815357691066746	Primary exposure time	0.000000	3.1
Pointing Roll	57.456273	57.61286592914862			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	217444976.184000	217443950.16787			
Observation start date	2004-11-21T17:21:52	2004-11-21T17:05:50			
Observation end time	217473976.184000	217474602.79425			
Observation end date	2004-11-22T01:25:12	2004-11-22T01:36:42			
Read mode	TIMED	TIMED			

2.3 Aspect



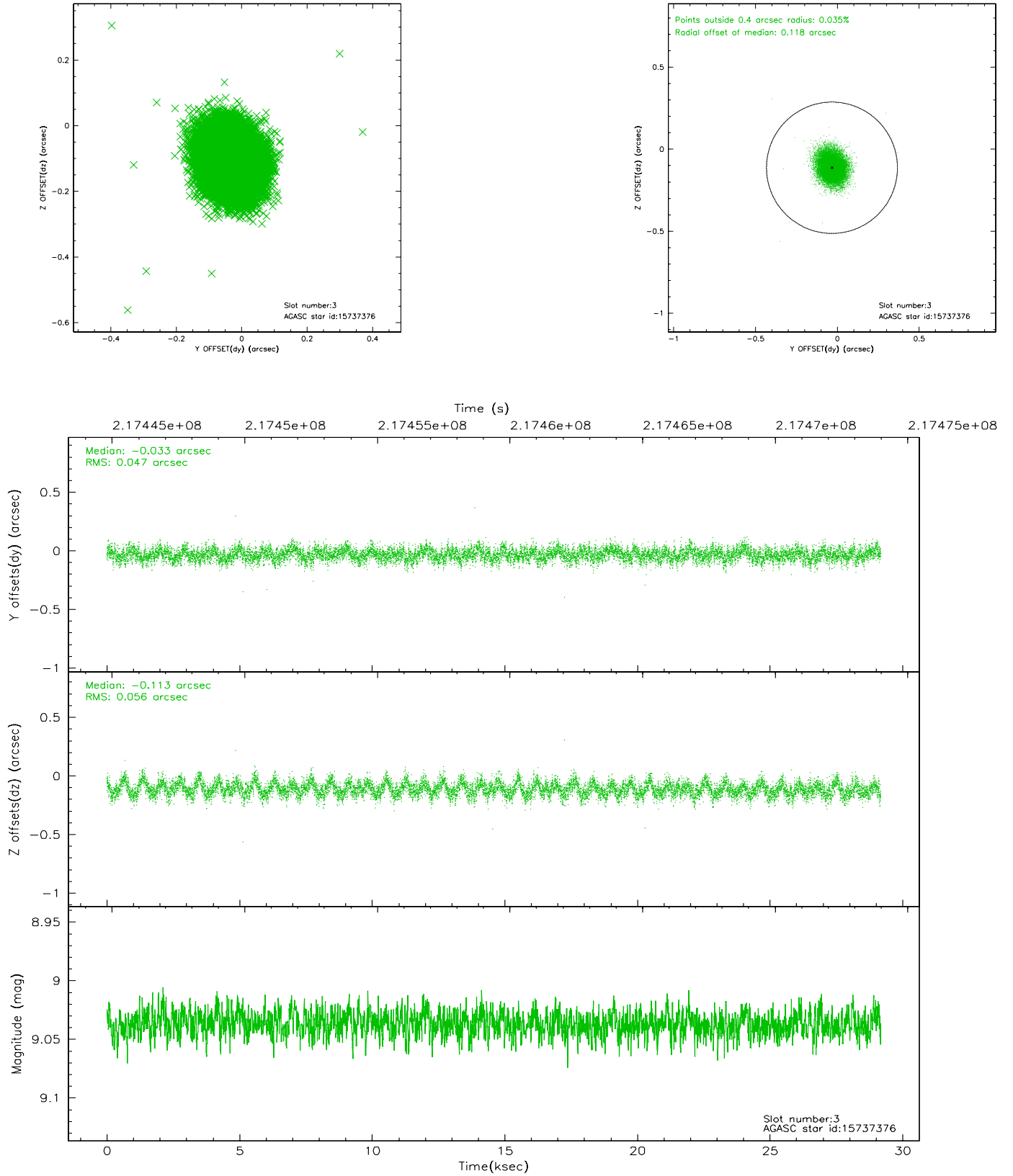


Slot Statistics

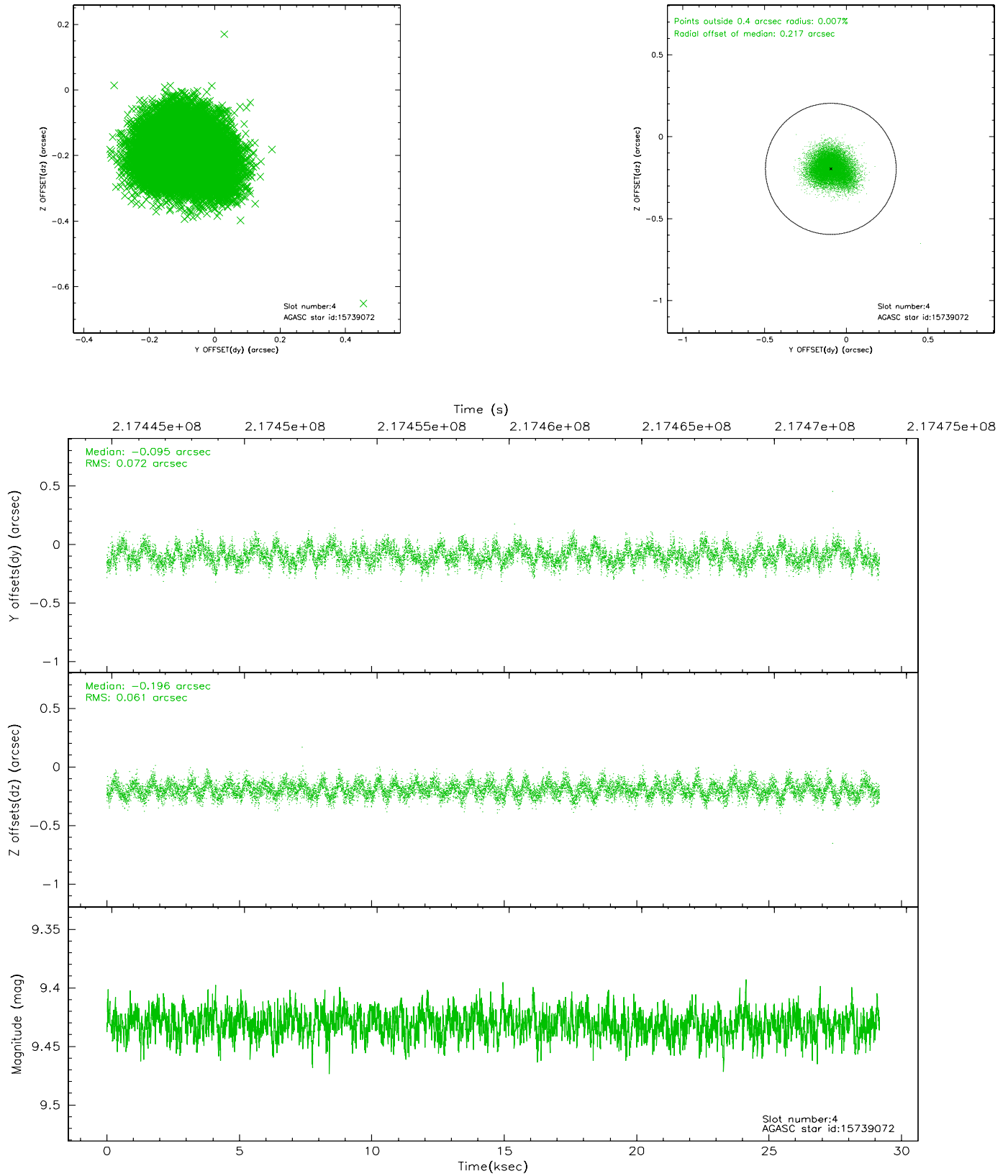
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	7117	0.023	-0.012	0.007	0.011	0.000000	0.000000	934.85	-1726.98
1	FID	ACIS-S-5	7.24	7118	-0.077	0.015	0.013	0.020	0.000000	0.000000	-1814.21	170.50
2	FID	ACIS-S-6	7.35	7117	0.031	0.009	0.014	0.021	0.000000	0.000000	400.31	814.56
3	GUIDE	15737376	9.04	14231	-0.033	-0.113	0.077	0.125	87.780635	3.502000	1842.56	1890.40
4	GUIDE	15739072	9.43	14227	-0.095	-0.196	0.101	0.160	87.795739	3.450449	1715.37	1744.86
5	GUIDE	15860064	9.31	14230	0.109	0.076	0.102	0.162	88.180470	2.417450	-674.83	-1421.69
6	GUIDE	15860696	8.43	14228	0.029	0.066	0.063	0.100	88.242141	3.048017	1357.21	-387.50
7	GUIDE	15860168	8.26	14229	-0.016	0.164	0.068	0.105	88.277505	2.831756	769.80	-913.31

2.4 Star Slots

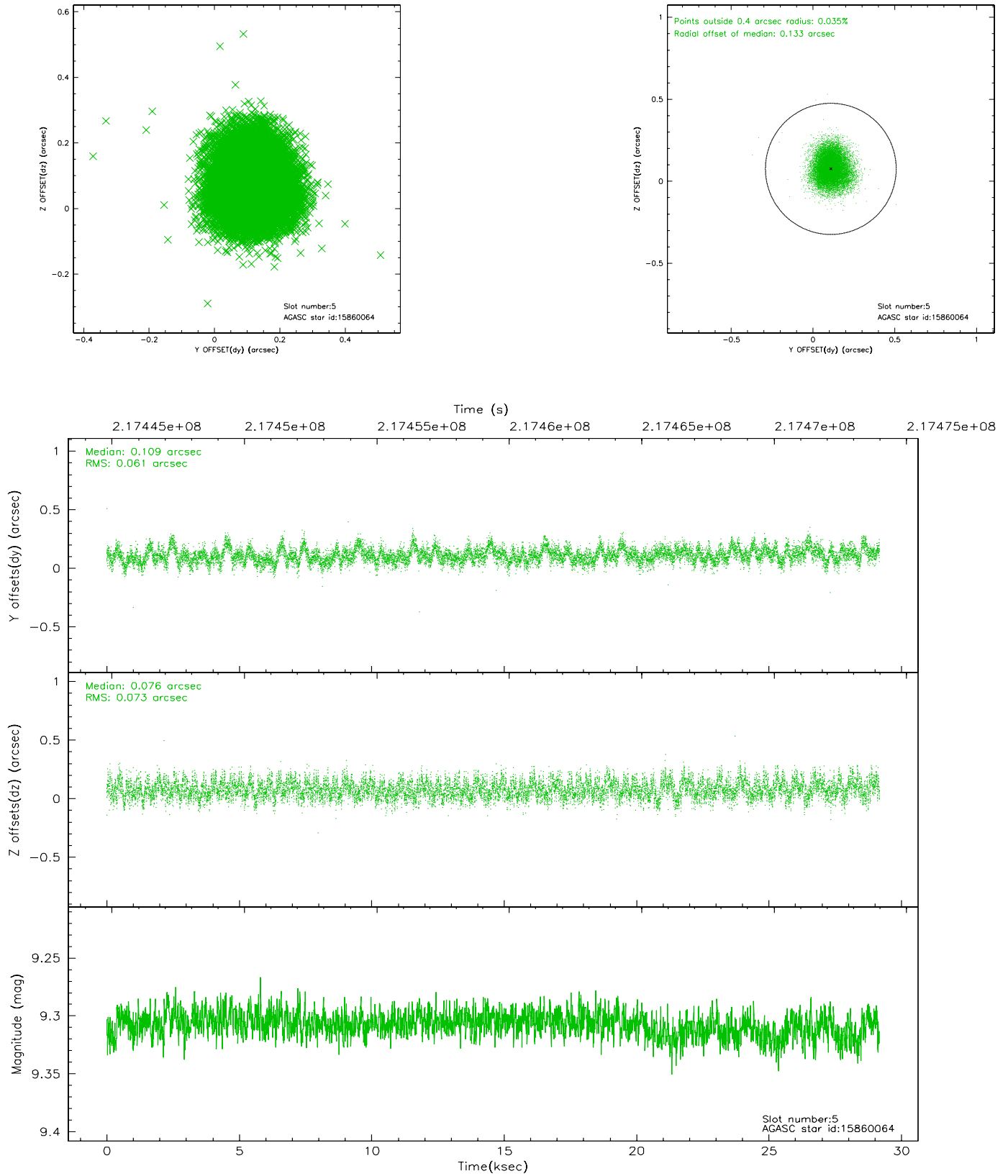
2.4.1 Slot 3



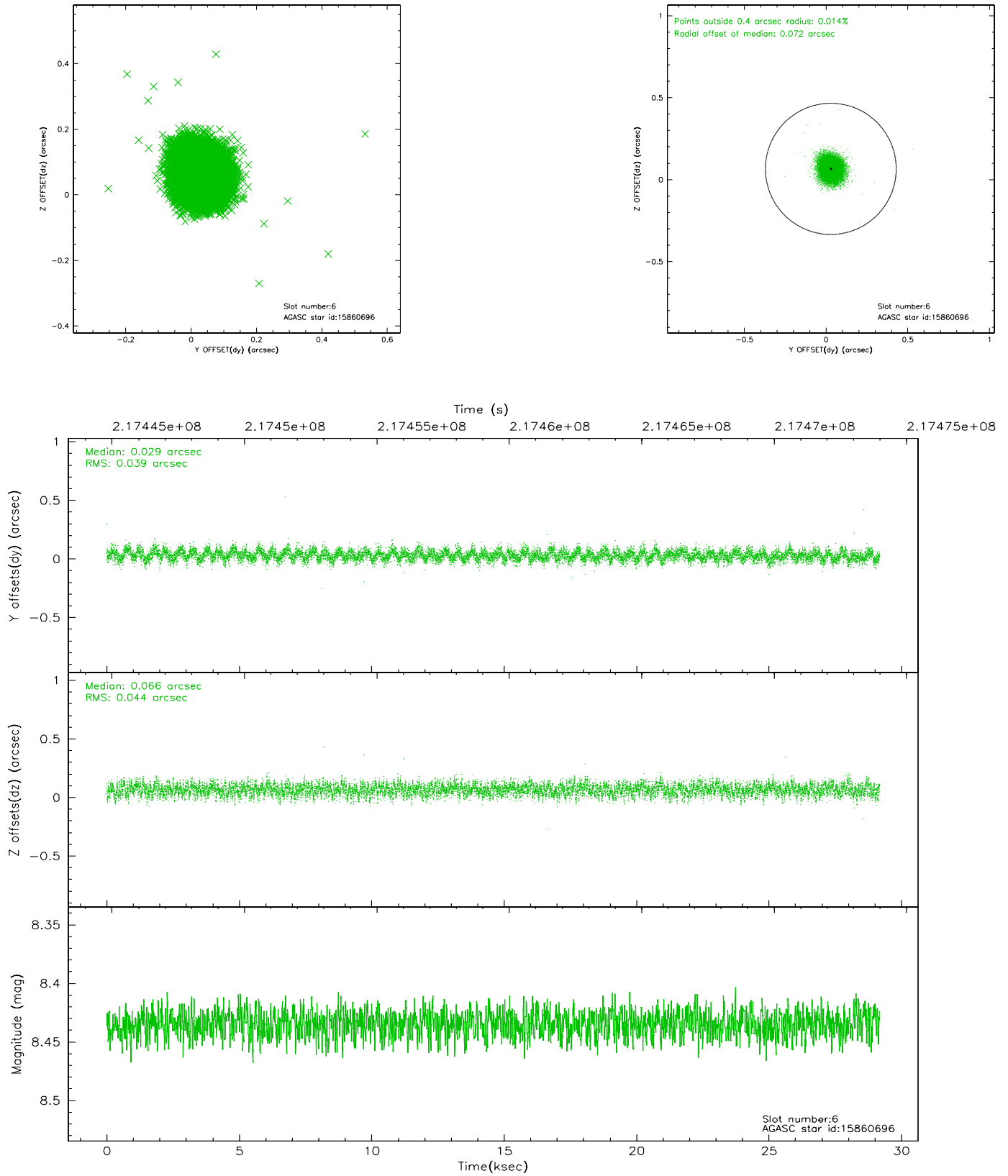
2.4.2 Slot 4



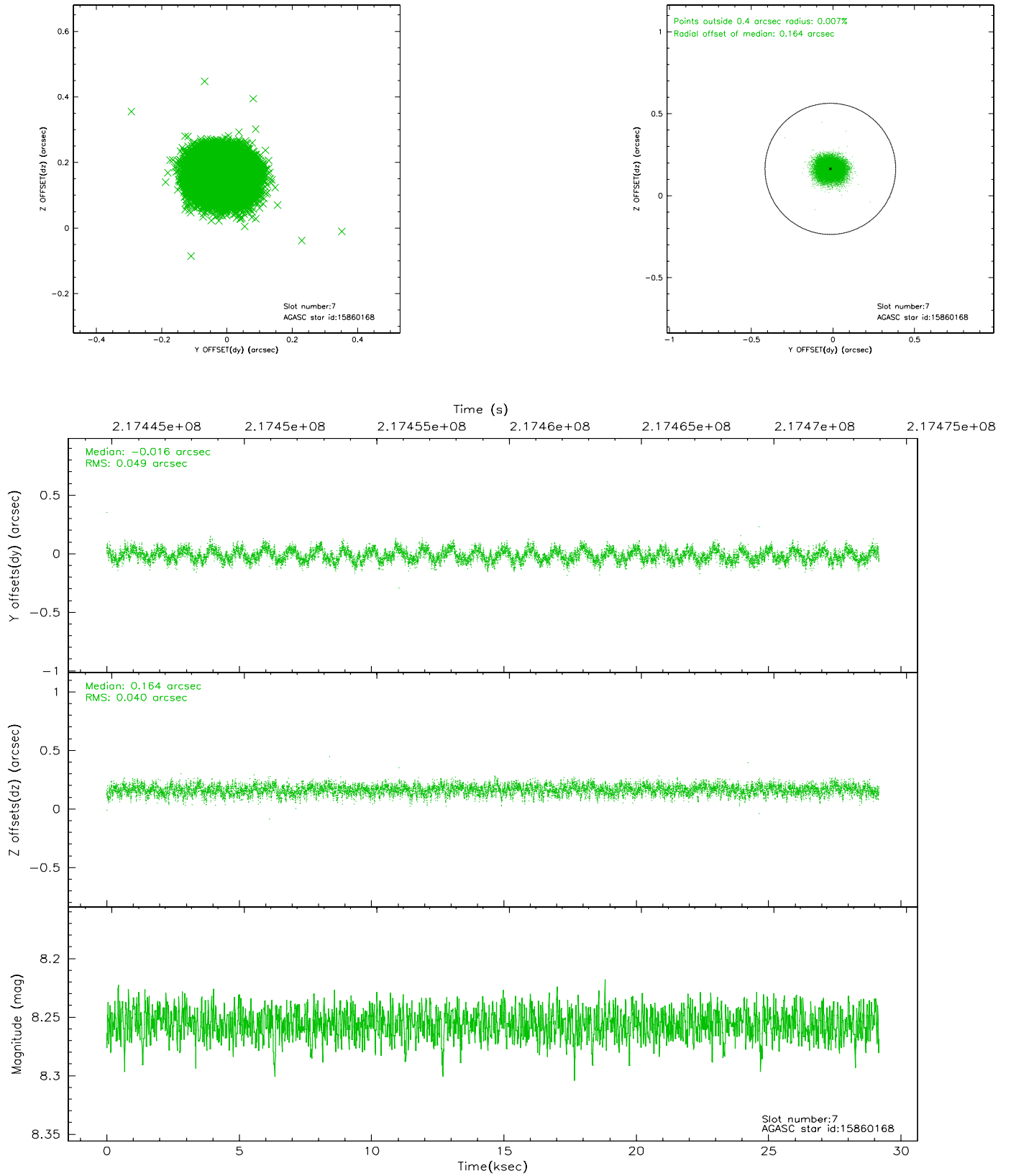
2.4.3 Slot 5



2.4.4 Slot 6

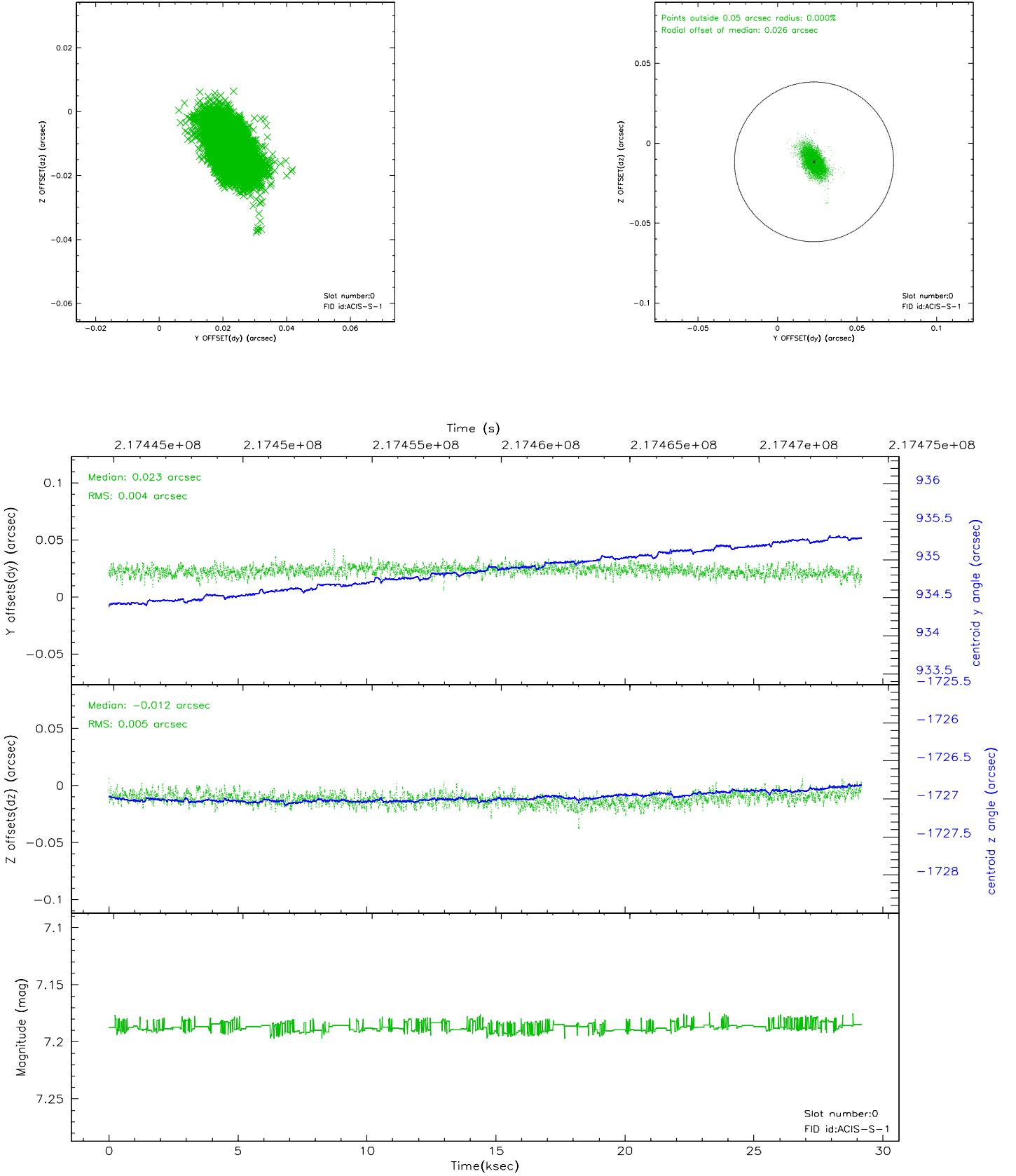


2.4.5 Slot 7

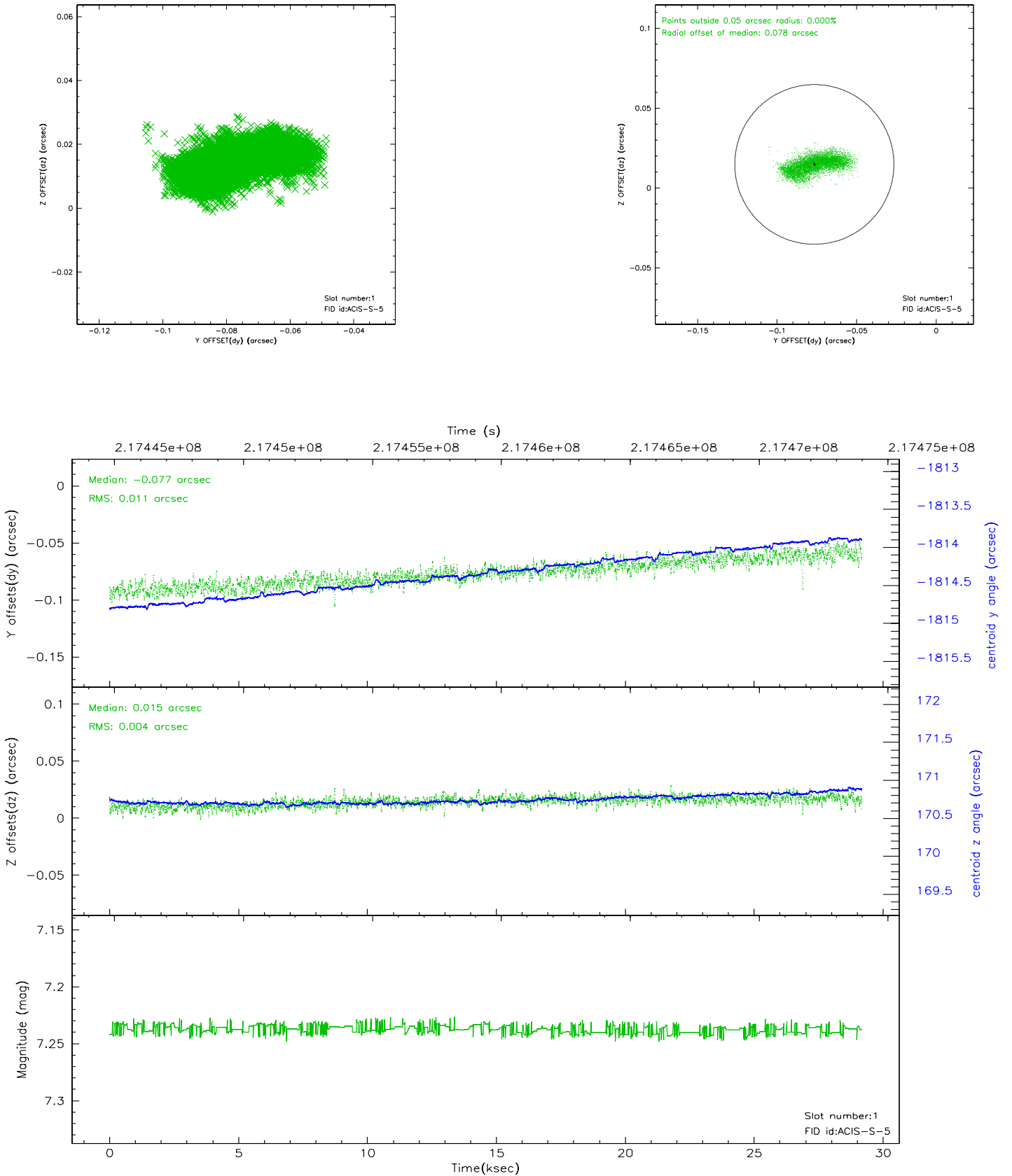


2.5 FID Slots

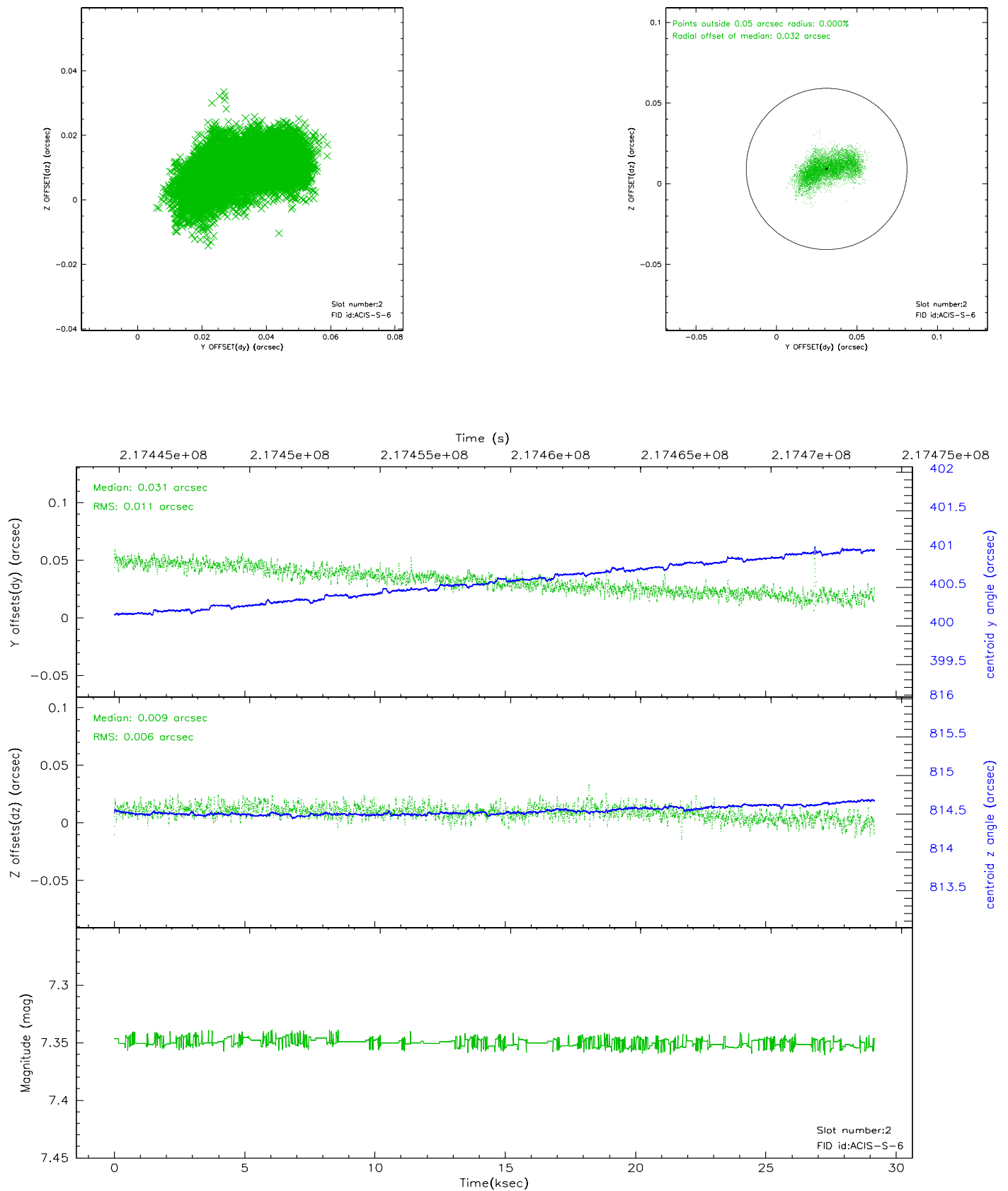
2.5.1 Slot 0



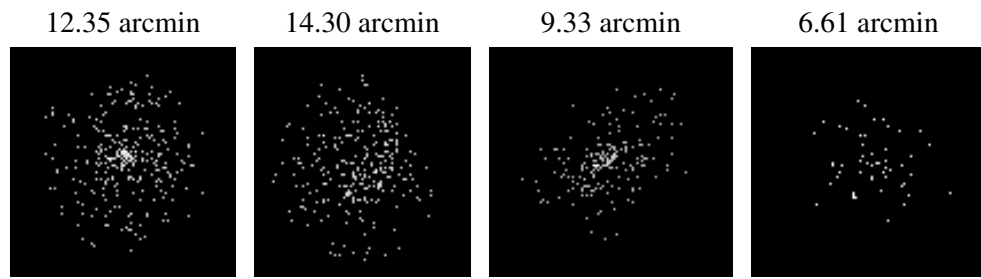
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.177

A.2 Comments