

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 902 - L2 Version 001
Chandra X-Ray Center

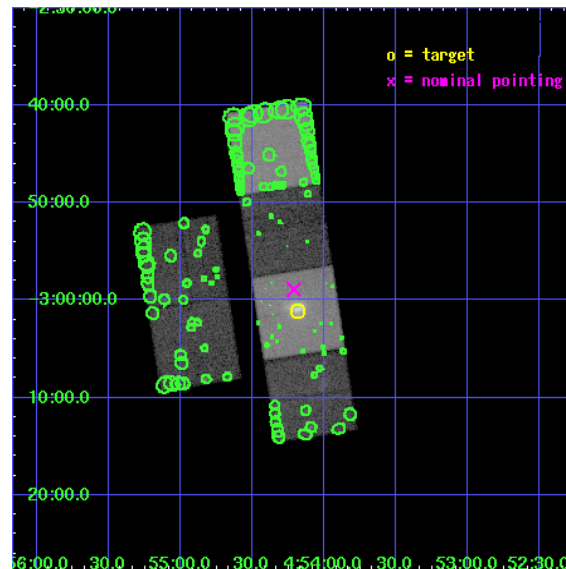
L2 Processing Date : Jun 9 2007

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1 Front

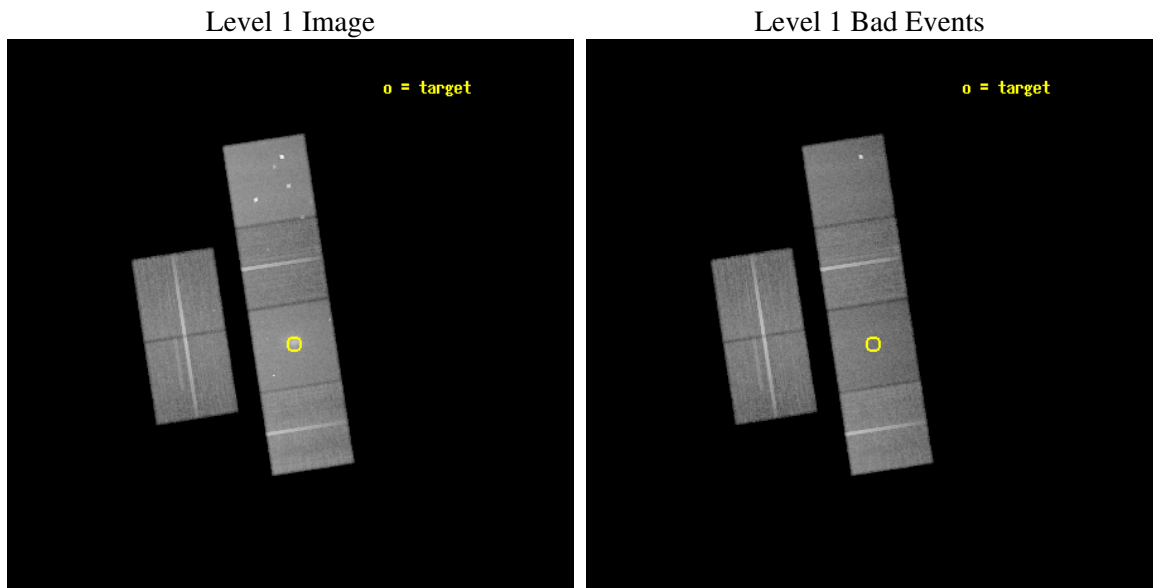
seq_num	800078
obs_id	902
title	THE INTRACLUSTER MEDIUM OF A MASSIVE CLUSTER AT Z=0.5
observer	Dr. Megan Donahue
object	MS 0451.6-0305
dtcycle	0
cycle	P
ra_targ	73.545417
dec_targ	-3.018667
ra_nom	73.552994901047
dec_nom	-2.9818269029603
roll_nom	81.229391309727
revision	2
ontime	44755.200041682
livetime	44188.482750408
ontime2	44751.959061533
ontime3	44751.959081456
ontime5	44755.200041682
ontime6	44751.959081441
ontime7	44755.200041682
ontime8	44738.995399997
l2events	426492



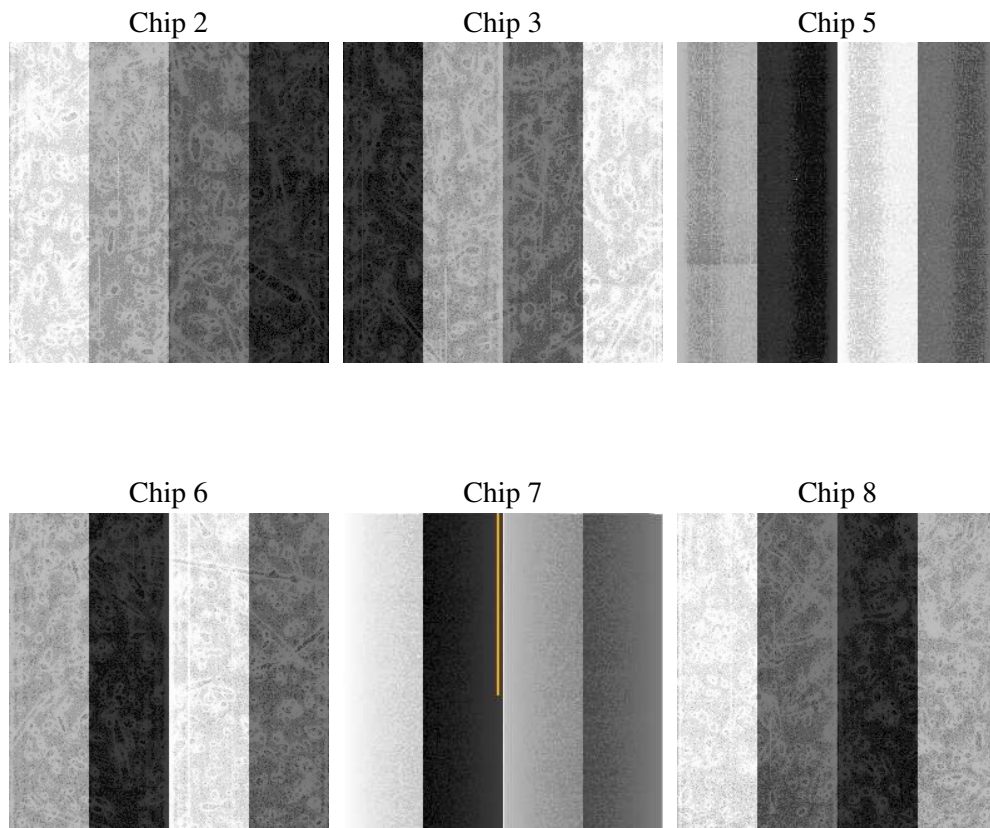
2 OBI

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	2007-06-09T21:42:37
revision	2

sched_exp_time	45000.000000
ontime	44755.200041682
ontime2	44751.959061533
ontime3	44751.959081456
ontime5	44755.200041682
ontime6	44751.959081441
ontime7	44755.200041682
ontime8	44738.995399997
l1events	1893177

2.1.4 Events

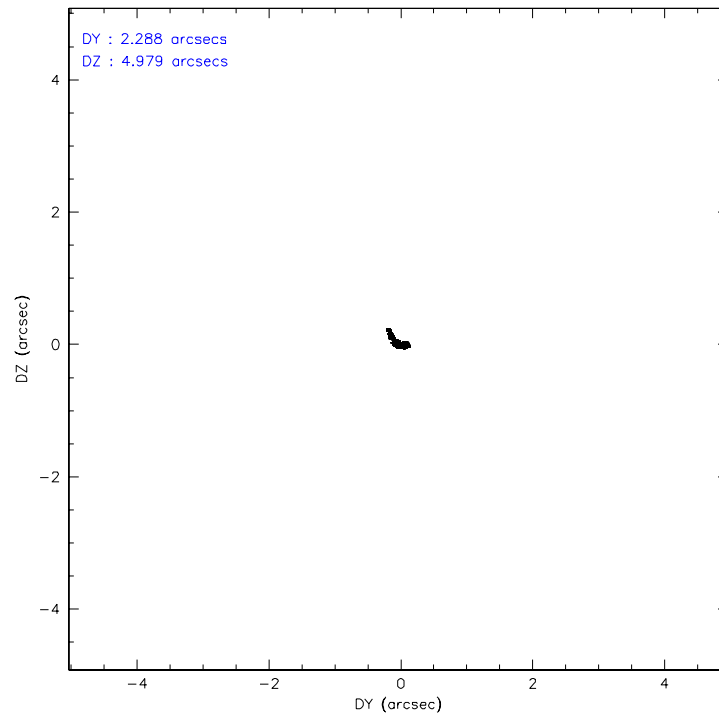
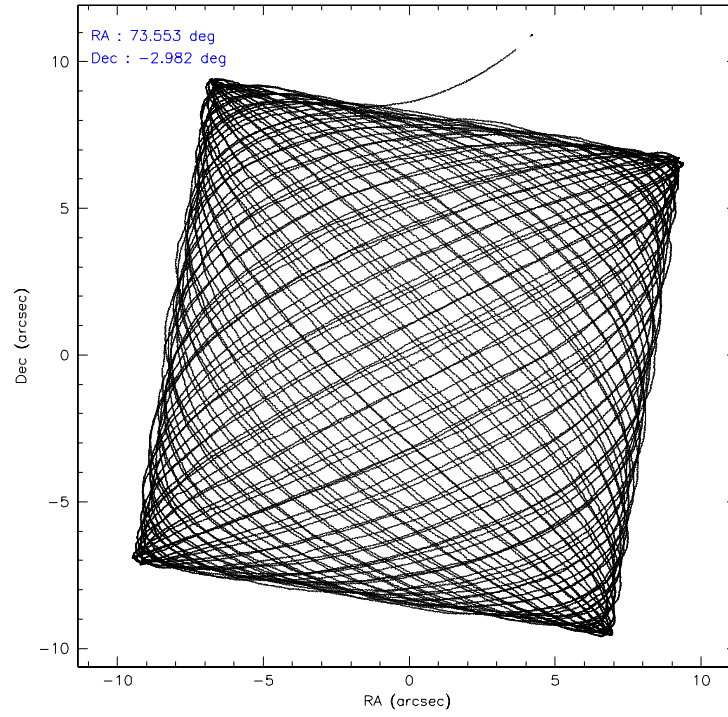
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	272458	265112	382559	269922	358116	345010
rejected events	242605	235550	204196	239368	193950	279224
rejected %	89%	88%	53%	88%	54%	80%

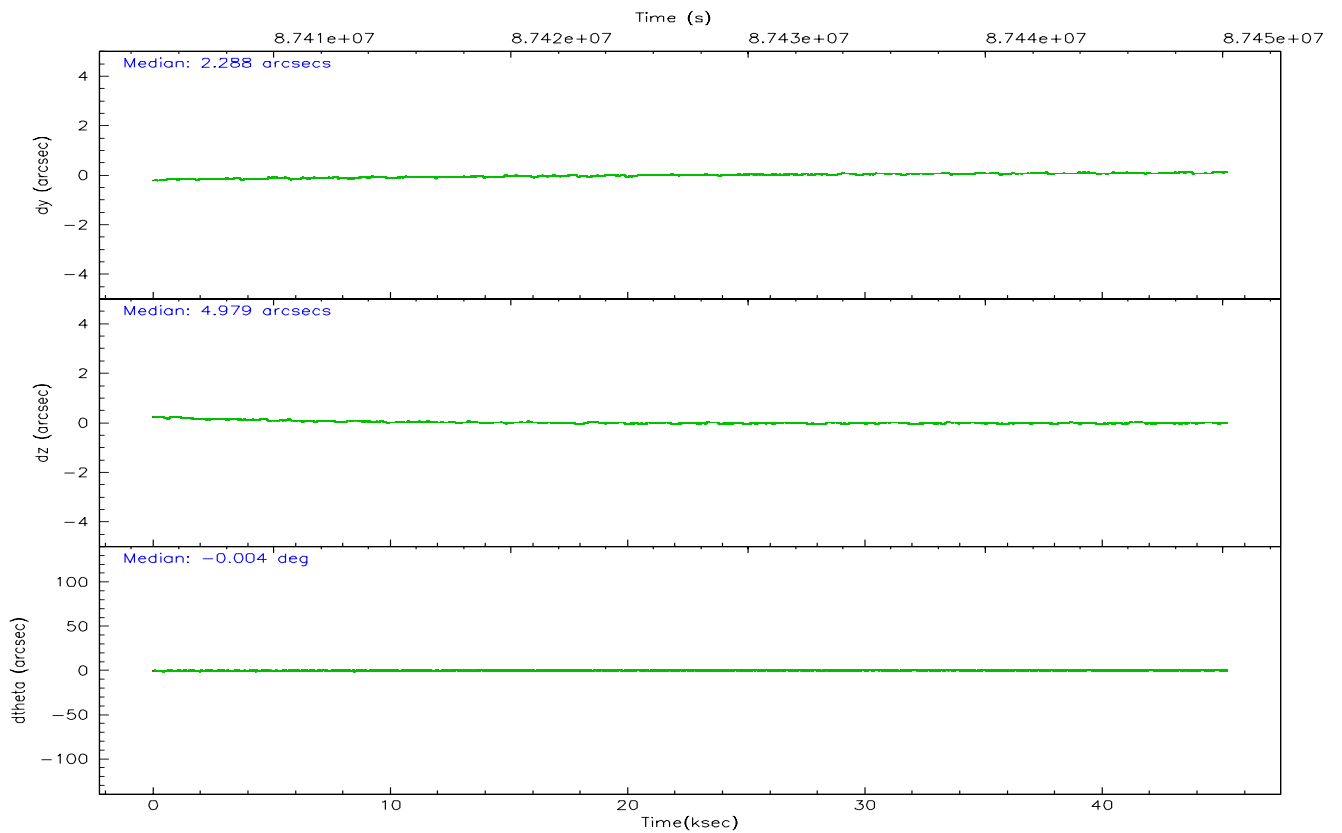
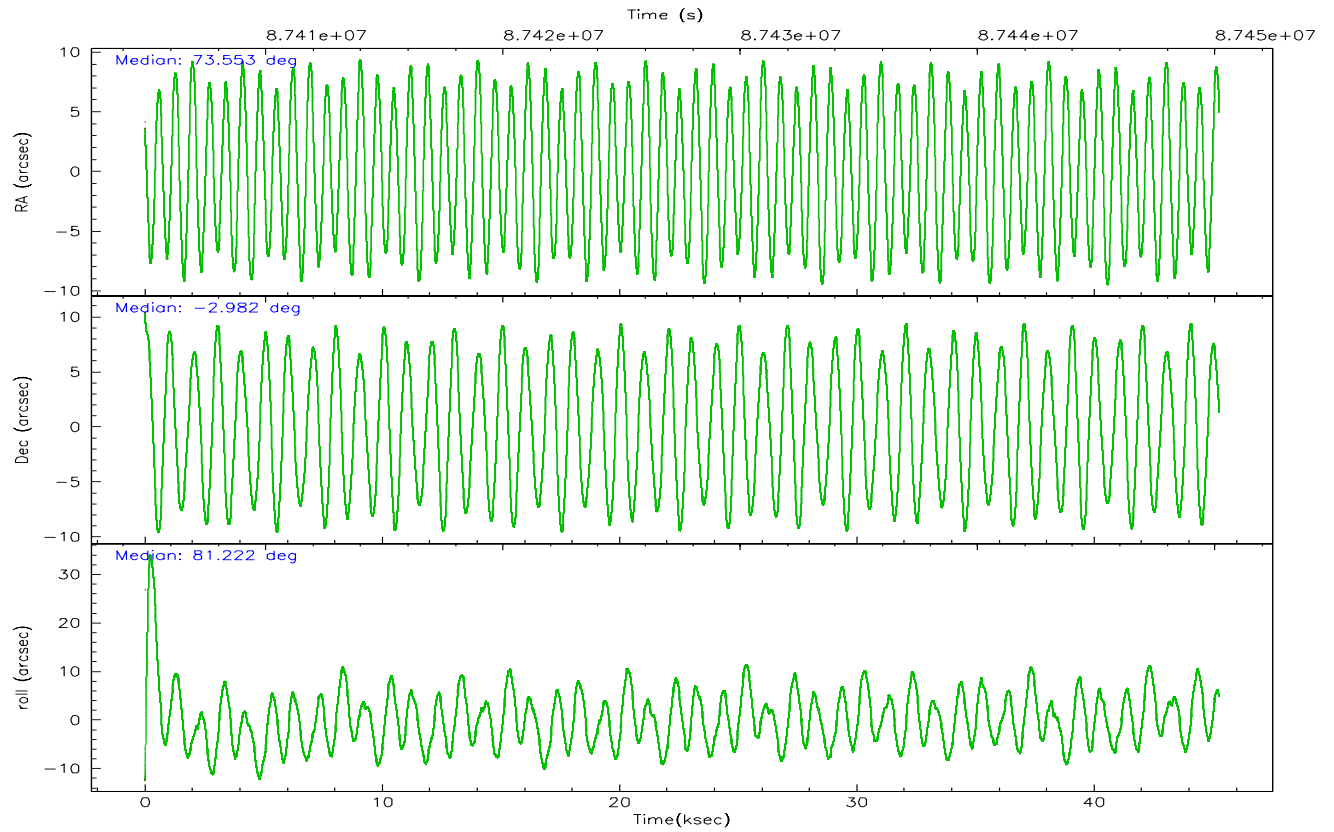
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	13080	12890	25877	12652	21875	21363
	4%	4%	6%	4%	6%	6%
grade 1 events	132	132	420	109	338	193
	0%	0%	0%	0%	0%	0%
grade 2 events	6184	5711	51186	5966	33623	14129
	2%	2%	13%	2%	9%	4%
grade 3 events	2867	2898	7727	3066	15603	6947
	1%	1%	2%	1%	4%	2%
grade 4 events	2651	2908	6869	2971	15674	6332
	0%	1%	1%	1%	4%	1%
grade 5 events	8792	9766	29381	10729	32093	13769
	3%	3%	7%	3%	8%	3%
grade 6 events	5074	5162	86739	5906	77410	17017
	1%	1%	22%	2%	21%	4%
grade 7 events	233678	225645	174360	228523	161500	265260
	85%	85%	45%	84%	45%	76%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	73.563091	73.55299490104703	Subarray requested	NONE	NONE
Pointing Dec	-3.007266	-2.981826902960259	Alternating exposures requested	N	N
Pointing Roll	81.073299	81.22939130972664	Primary exposure time	3.200000	3.2
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	87405106.184000	87404519.47394501			
Observation start date	2000-10-08T15:10:42	2000-10-08T15:01:59			
Observation end time	87450106.184000	87452025.150739			
Observation end date	2000-10-09T03:40:42	2000-10-09T04:13:45			
Read mode	TIMED	TIMED			

2.3 Aspect



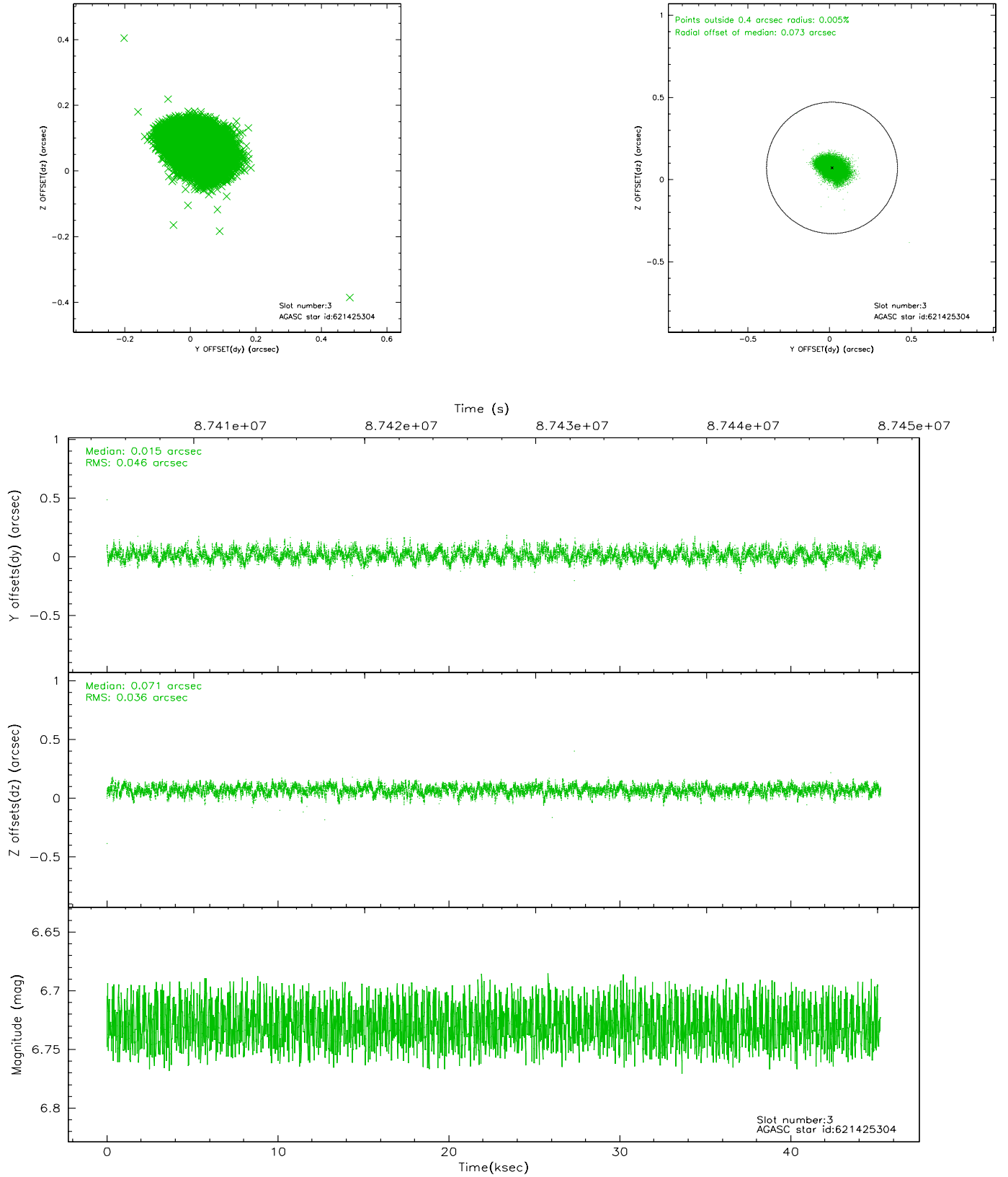


Slot Statistics

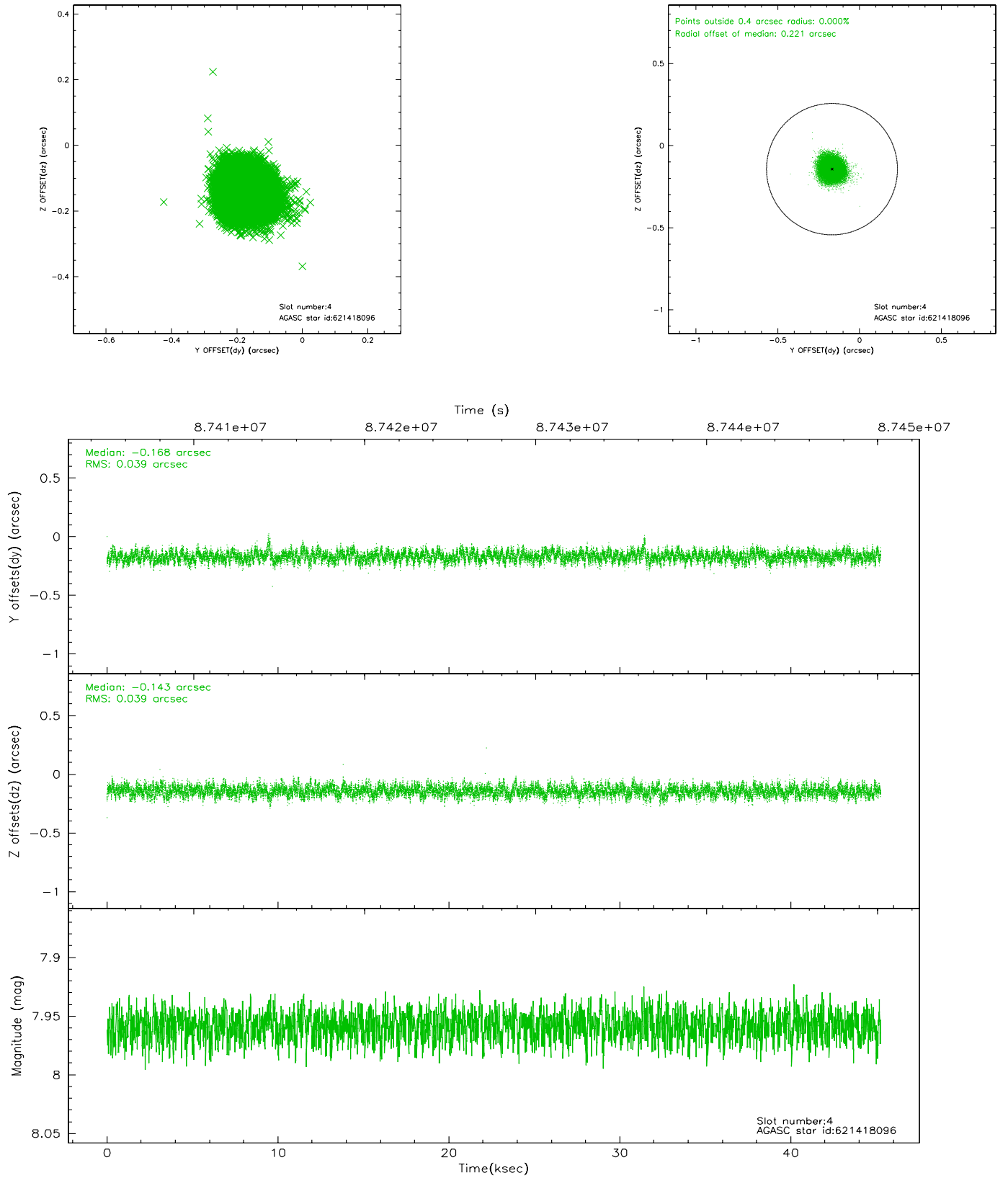
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	11041	-0.075	0.002	0.007	0.012	0.000000	0.000000	58.24	-1855.12
1	FID	ACIS-S-4	7.21	11041	-0.015	0.039	0.007	0.011	0.000000	0.000000	2158.44	182.47
2	FID	ACIS-S-5	7.24	11043	0.062	-0.031	0.006	0.011	0.000000	0.000000	-1807.68	176.05
3	GUIDE	621425304	6.73	22084	0.015	0.071	0.062	0.100	73.616571	-3.225917	-747.78	-311.67
4	GUIDE	621418096	7.96	22083	-0.168	-0.143	0.059	0.094	73.325486	-2.602034	1308.10	1070.94
5	GUIDE	621289504	8.92	22081	0.140	-0.159	0.086	0.139	73.076403	-3.394128	-1647.71	1511.77
6	GUIDE	621417600	9.65	22069	0.035	0.049	0.095	0.153	73.769107	-2.601844	1556.72	-504.75
7	GUIDE	621416480	9.73	21987	-0.028	0.181	0.128	0.214	74.169838	-3.123852	-76.49	-2219.32

2.4 Star Slots

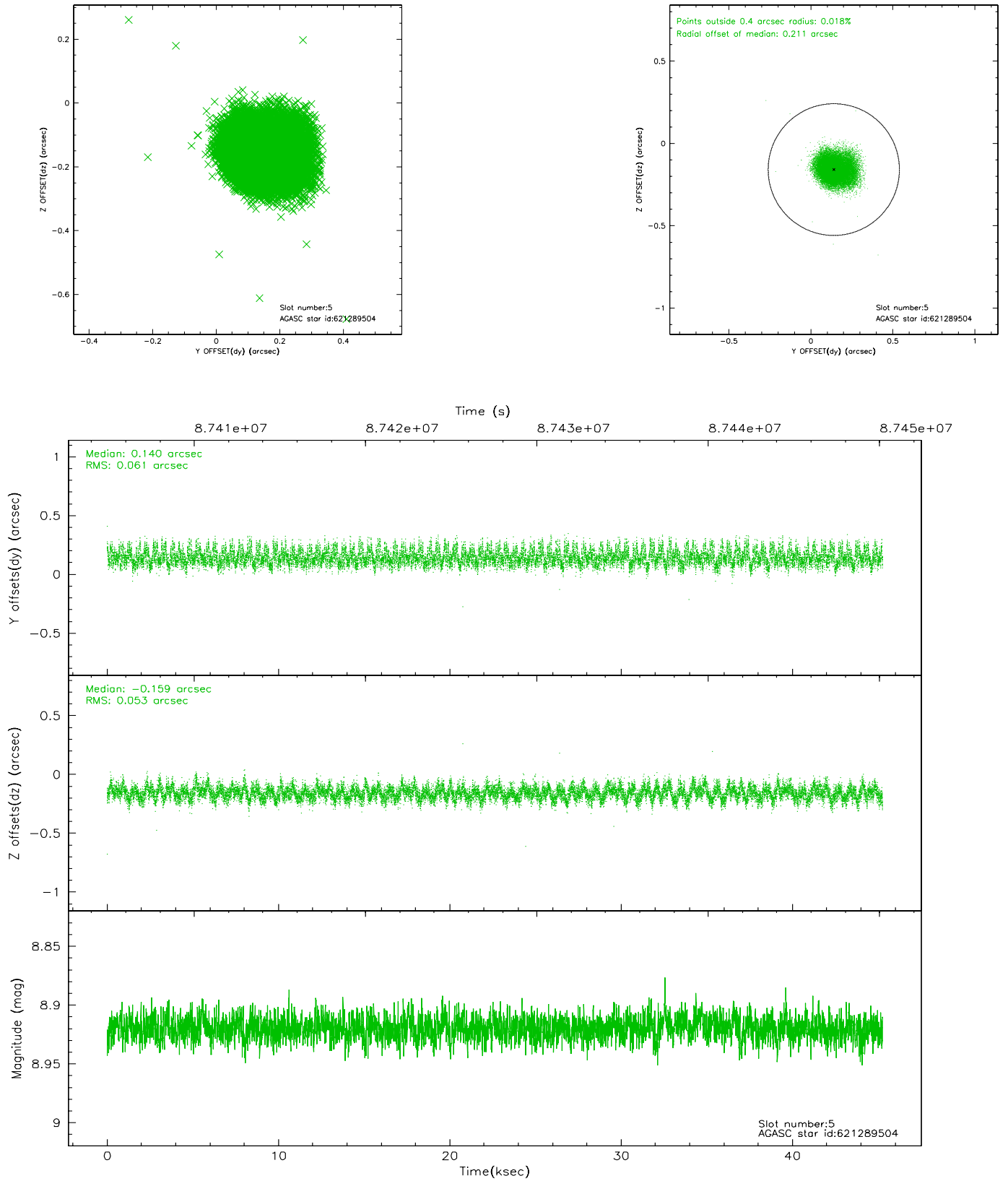
2.4.1 Slot 3



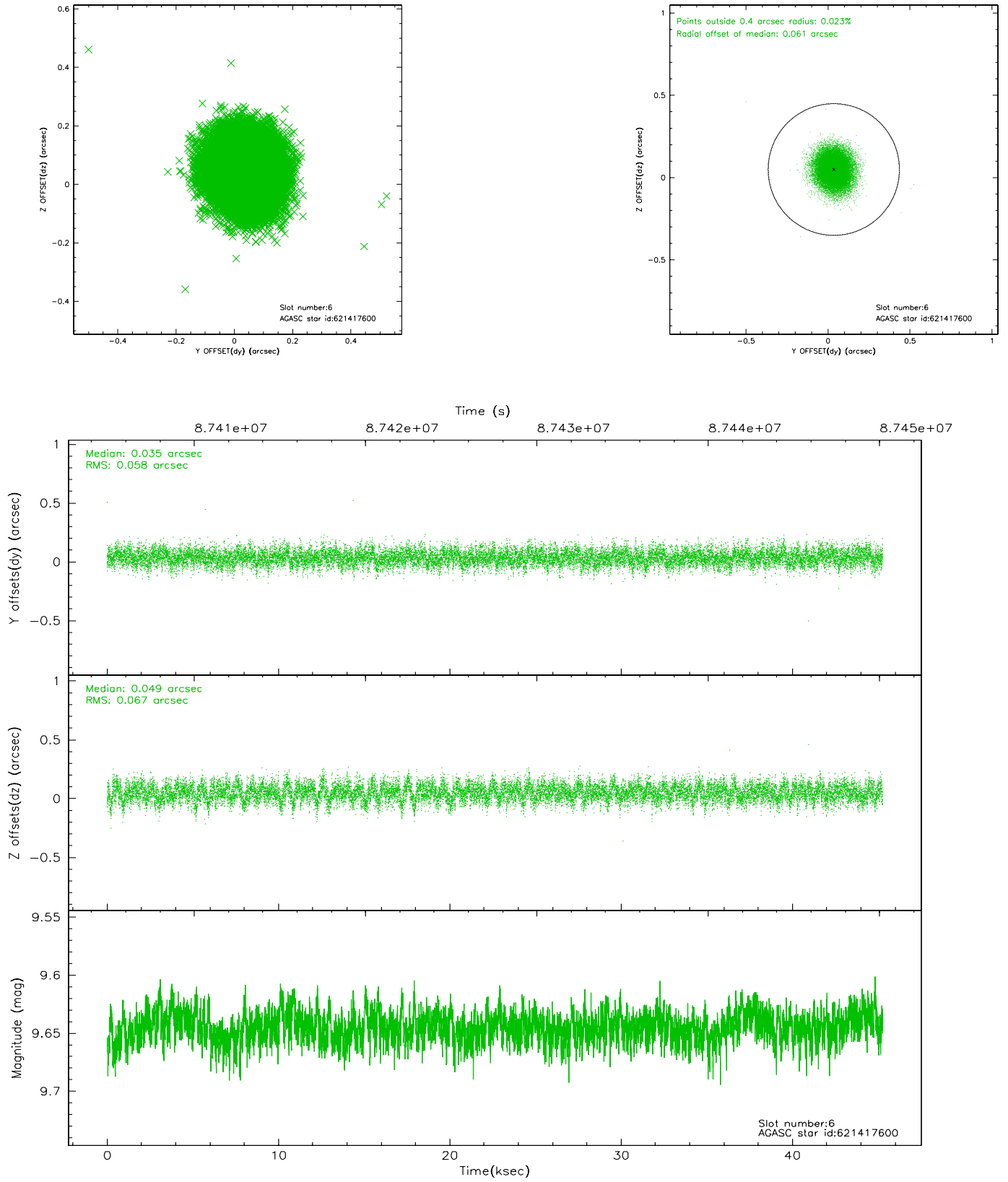
2.4.2 Slot 4



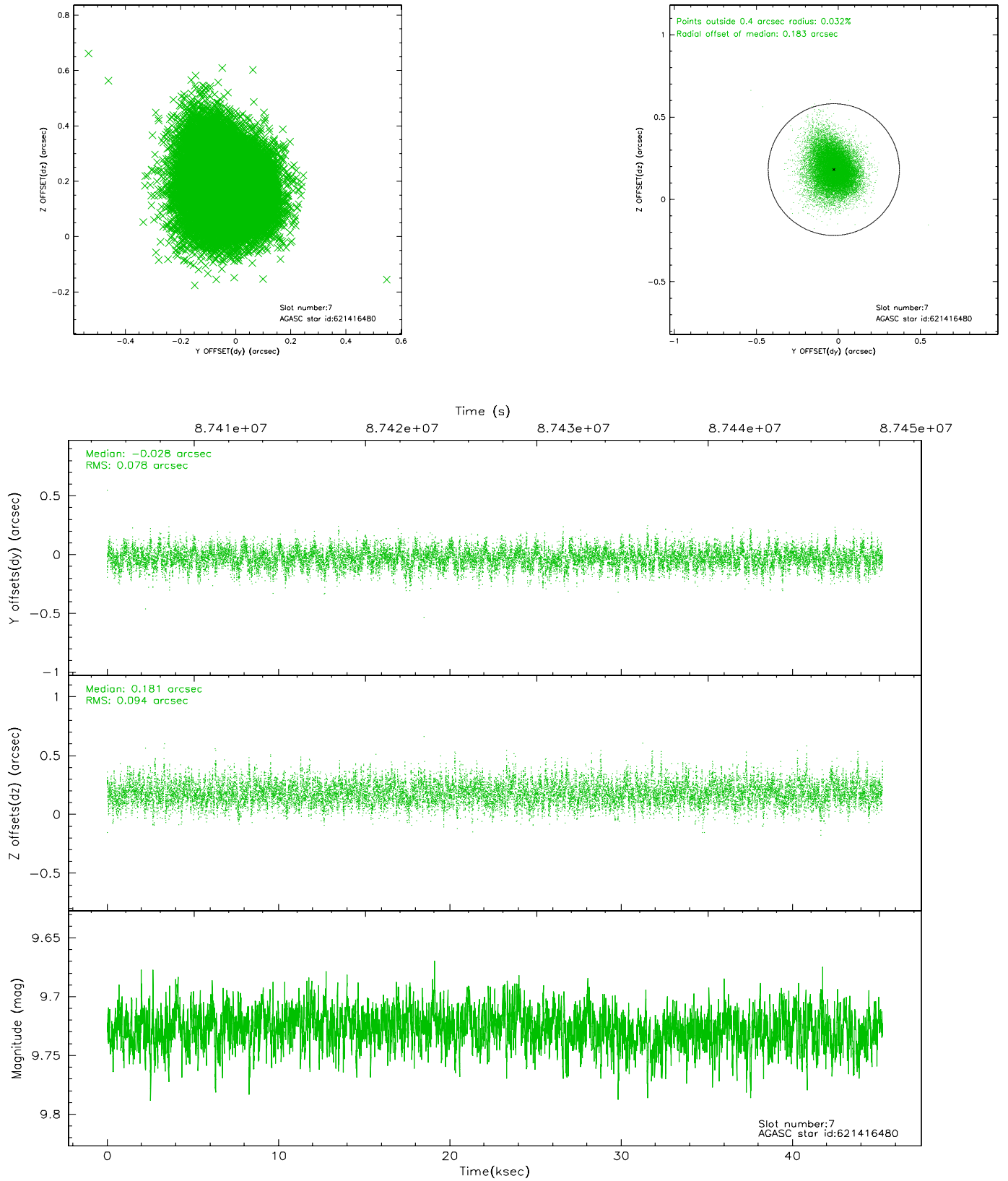
2.4.3 Slot 5



2.4.4 Slot 6

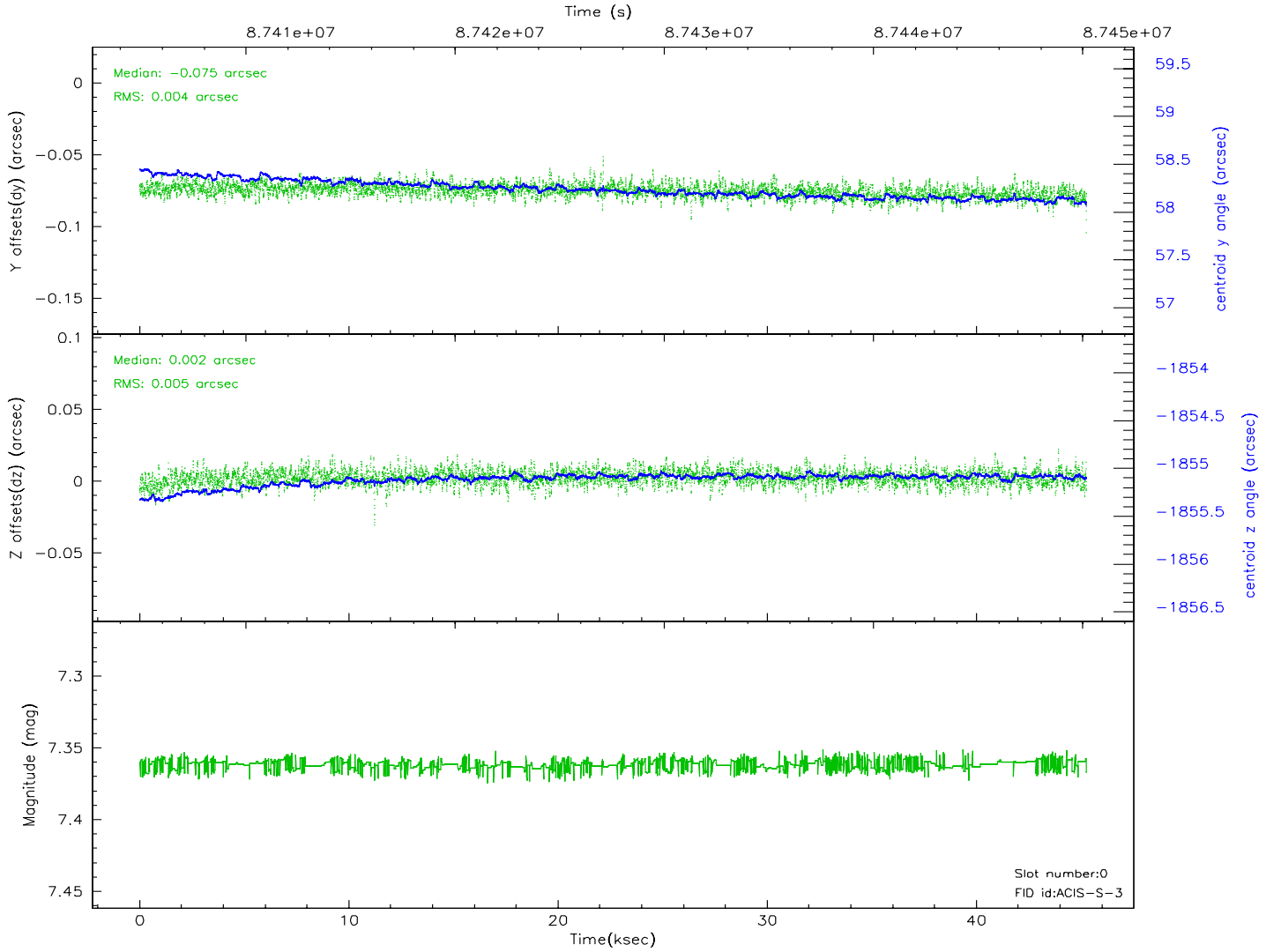
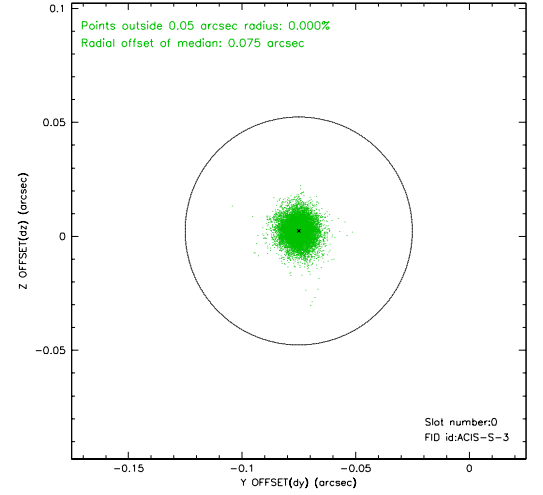
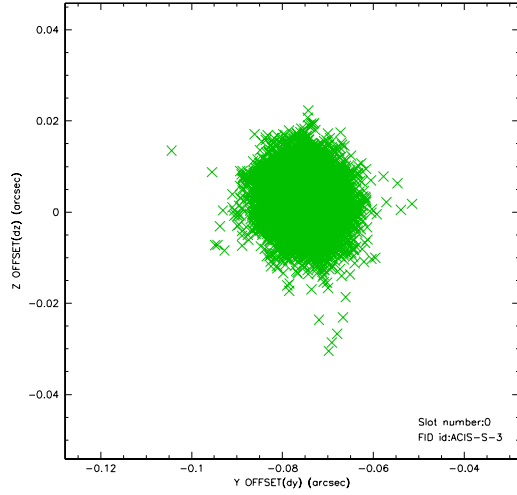


2.4.5 Slot 7

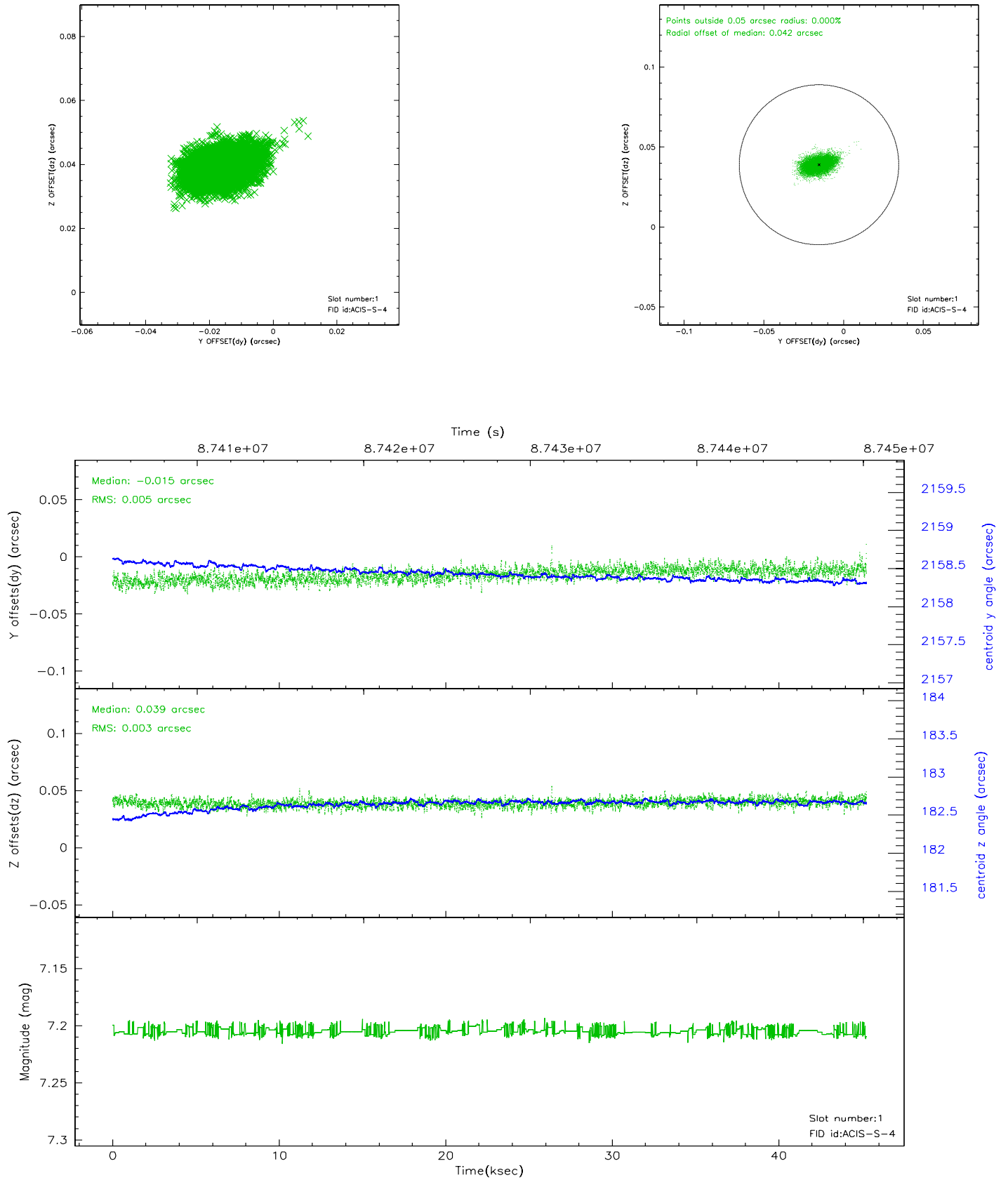


2.5 FID Slots

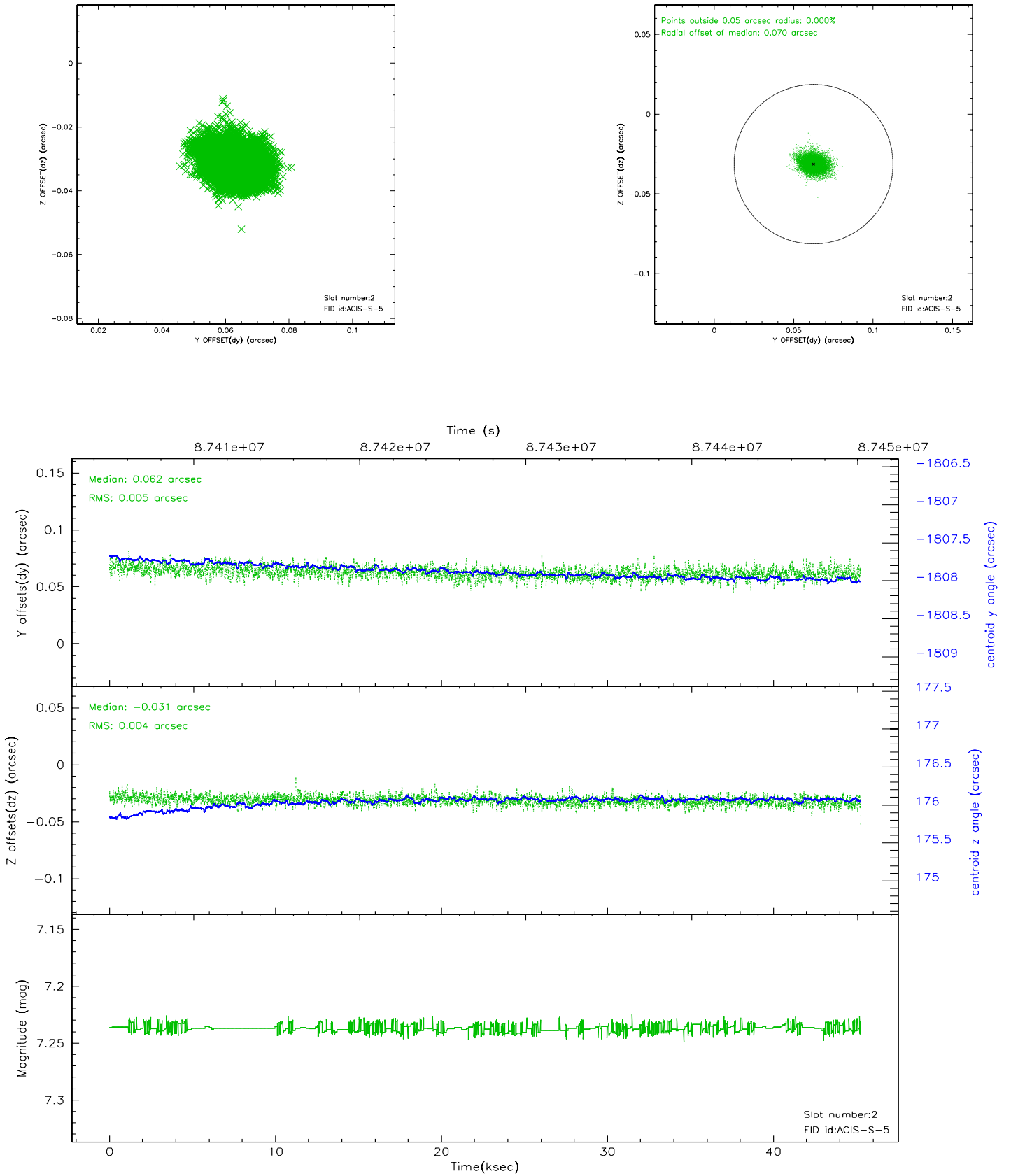
2.5.1 Slot 0



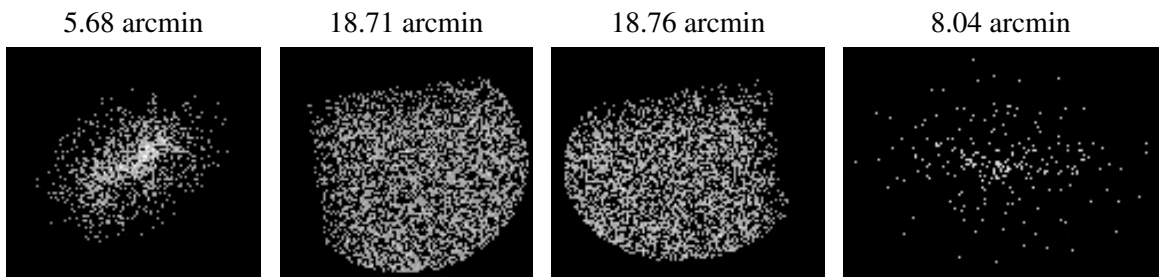
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.758

A.2 Comments