

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1989 - L2 Version 001
Chandra X-Ray Center

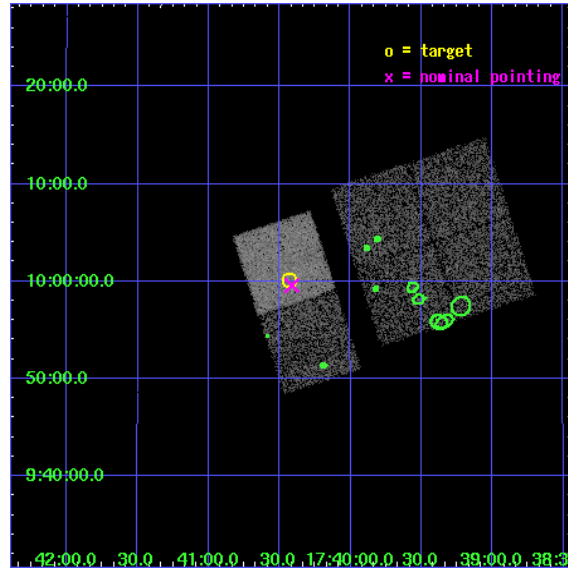
L2 Processing Date : Dec 21 2006

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1 Front

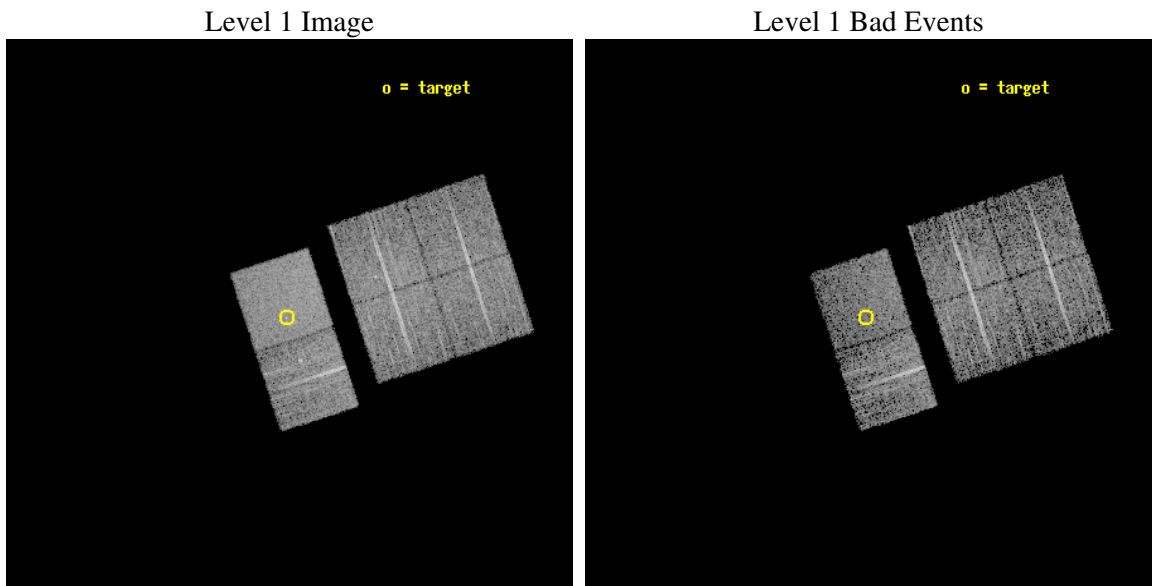
seq_num	500166
obs_id	1989
title	SEARCHING FOR X-RAYS FROM THE NEWLY DISCOVERED YOUNG PULSAR J1740+1000
observer	Zaven Arzoumanian
object	PSR J1740+1000
dtcycle	0
cycle	P
ra_targ	265.107917
dec_targ	10.001722
ra_nom	265.10325435976
dec_nom	9.9931461982425
roll_nom	251.90068908555
revision	2
ontime	5148.8000047952
livetime	5083.6027988993
ontime0	5148.8000047952
ontime1	5148.8000047952
ontime2	5148.8000047952
ontime3	5148.8000047952
ontime6	5148.8000047952
ontime7	5148.8000047952
l2events	42363



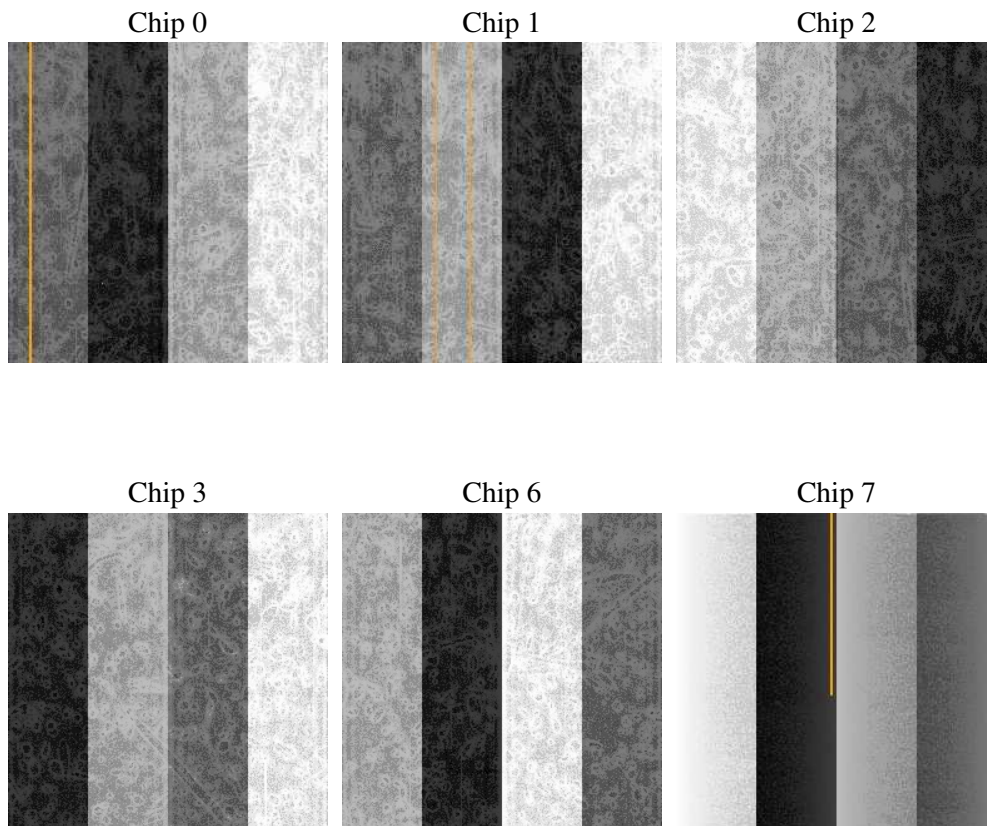
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-21T15:21:36
revision	2

sched_exp_time	5200.000000
ontime	5153.1886233538
ontime0	5153.1886233538
ontime1	5153.1886233538
ontime2	5153.1886233538
ontime3	5153.1886233538
ontime6	5153.1886233538
ontime7	5153.1886233538
l1events	228831

2.1.4 Events

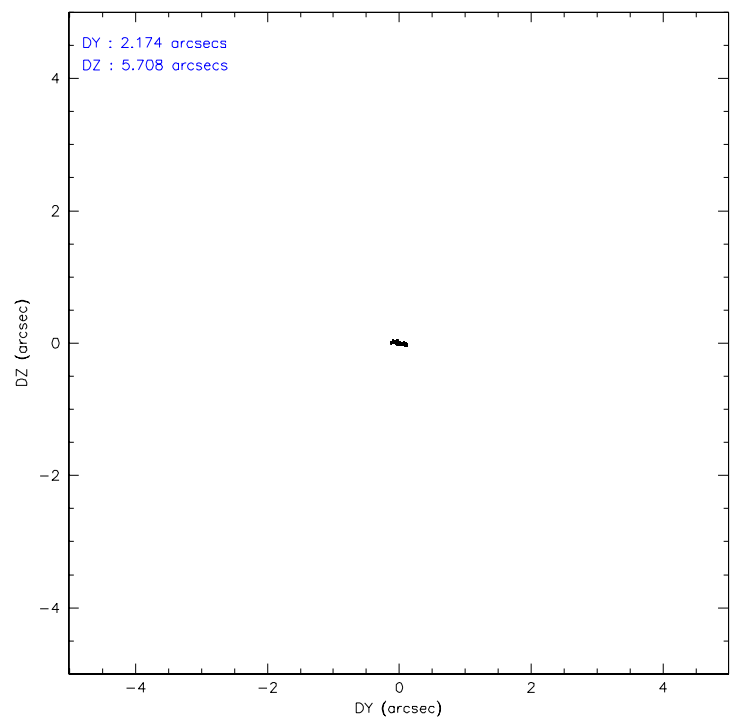
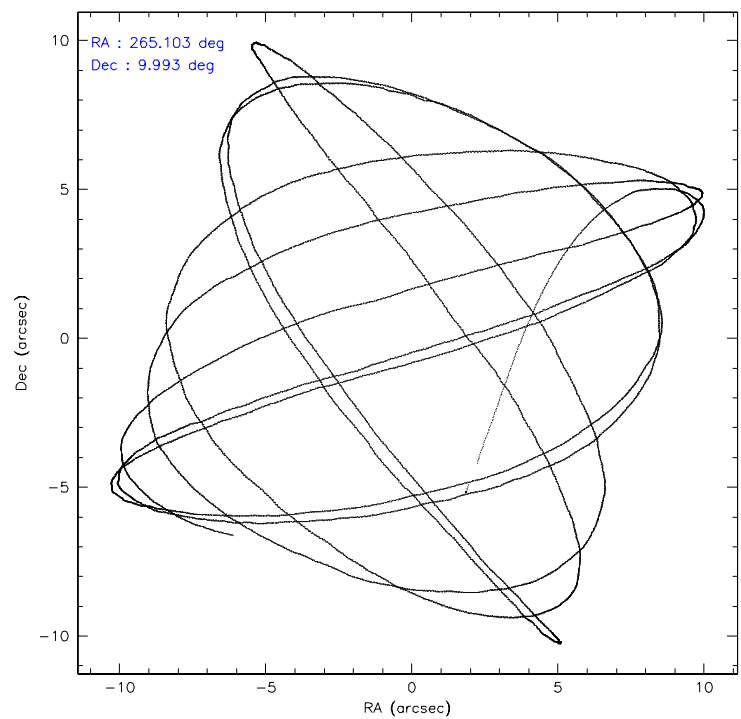
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	35125	32343	37892	37308	39586	46577
rejected events	29853	27034	32767	32057	33778	26714
rejected %	84%	83%	86%	85%	85%	57%

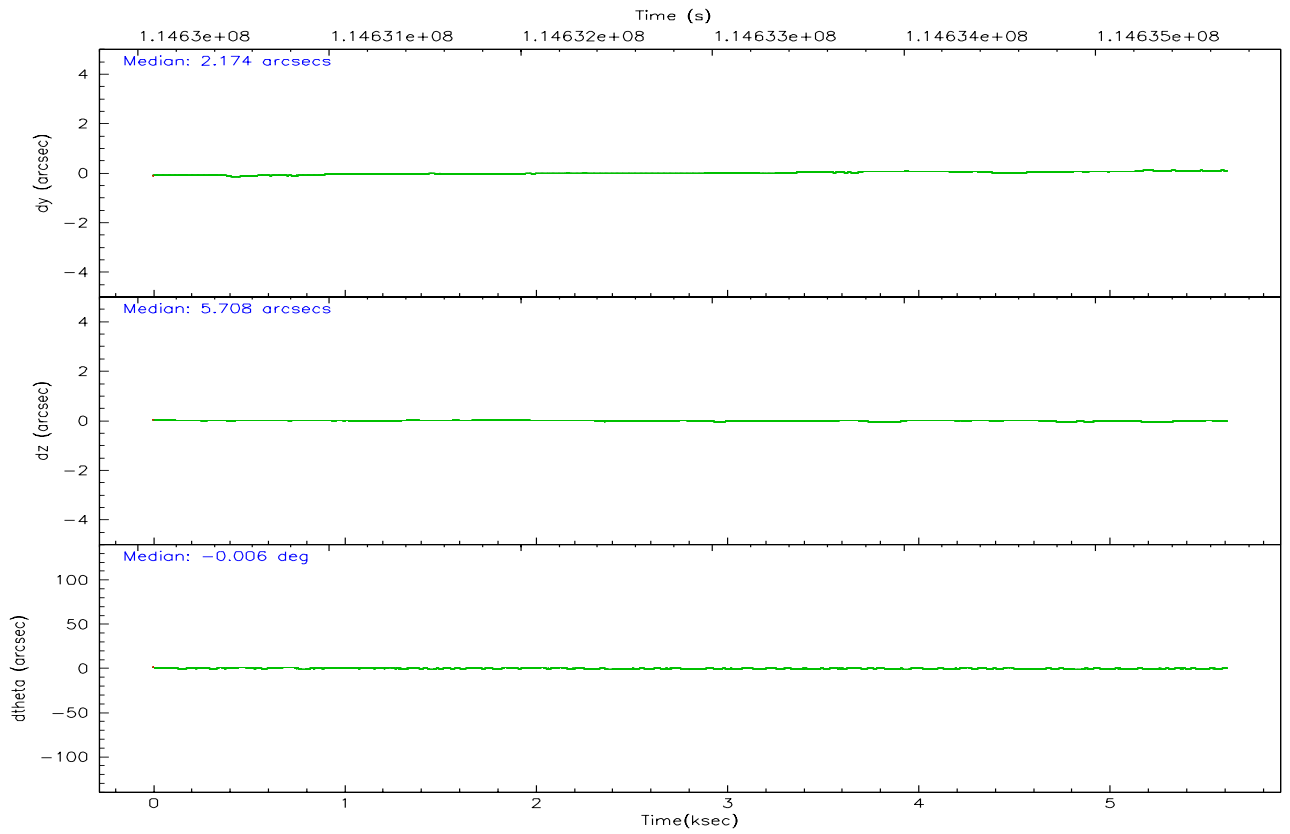
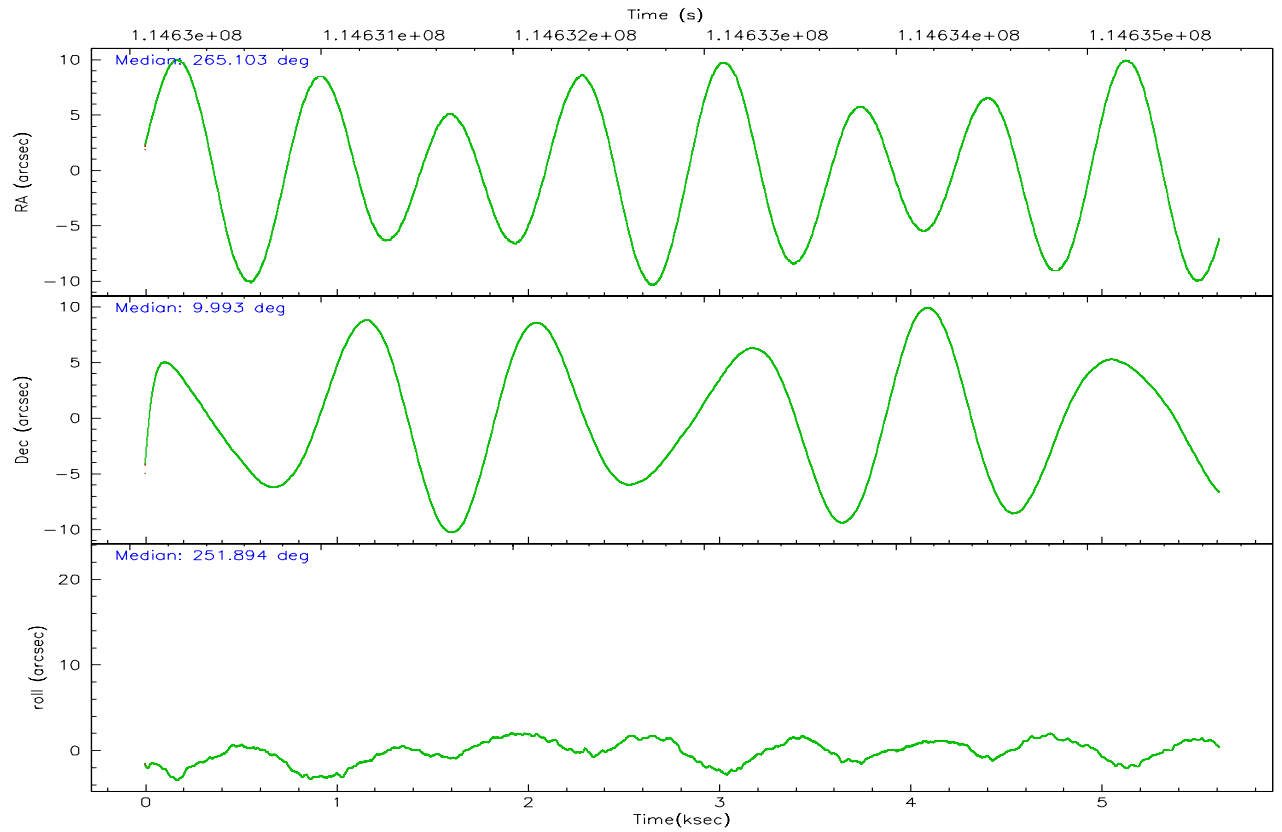
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2418	2321	2438	2576	2912	1589
	6%	7%	6%	6%	7%	3%
grade 1 events	19	24	11	14	27	35
	0%	0%	0%	0%	0%	0%
grade 2 events	1175	1070	1116	1010	1130	4923
	3%	3%	2%	2%	2%	10%
grade 3 events	430	483	357	413	448	1167
	1%	1%	0%	1%	1%	2%
grade 4 events	403	497	413	395	417	1087
	1%	1%	1%	1%	1%	2%
grade 5 events	1223	1301	1180	1270	1404	2984
	3%	4%	3%	3%	3%	6%
grade 6 events	855	943	804	858	906	11104
	2%	2%	2%	2%	2%	23%
grade 7 events	28602	25704	31573	30772	32342	23688
	81%	79%	83%	82%	81%	50%

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	265.097209	265.1032543597603	Subarray requested	NONE	NONE
Pointing Dec	10.019772	9.993146198242476	Alternating exposures requested	N	N
Pointing Roll	251.745111	251.9006890855472	Primary exposure time	0.000000	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	114630493.184000	114629416.88779			
Observation start date	2001-08-19T17:47:09	2001-08-19T17:30:16			
Observation end time	114635693.184000	114635826.72554			
Observation end date	2001-08-19T19:13:49	2001-08-19T19:17:06			
Read mode	TIMED	TIMED			

2.3 Aspect



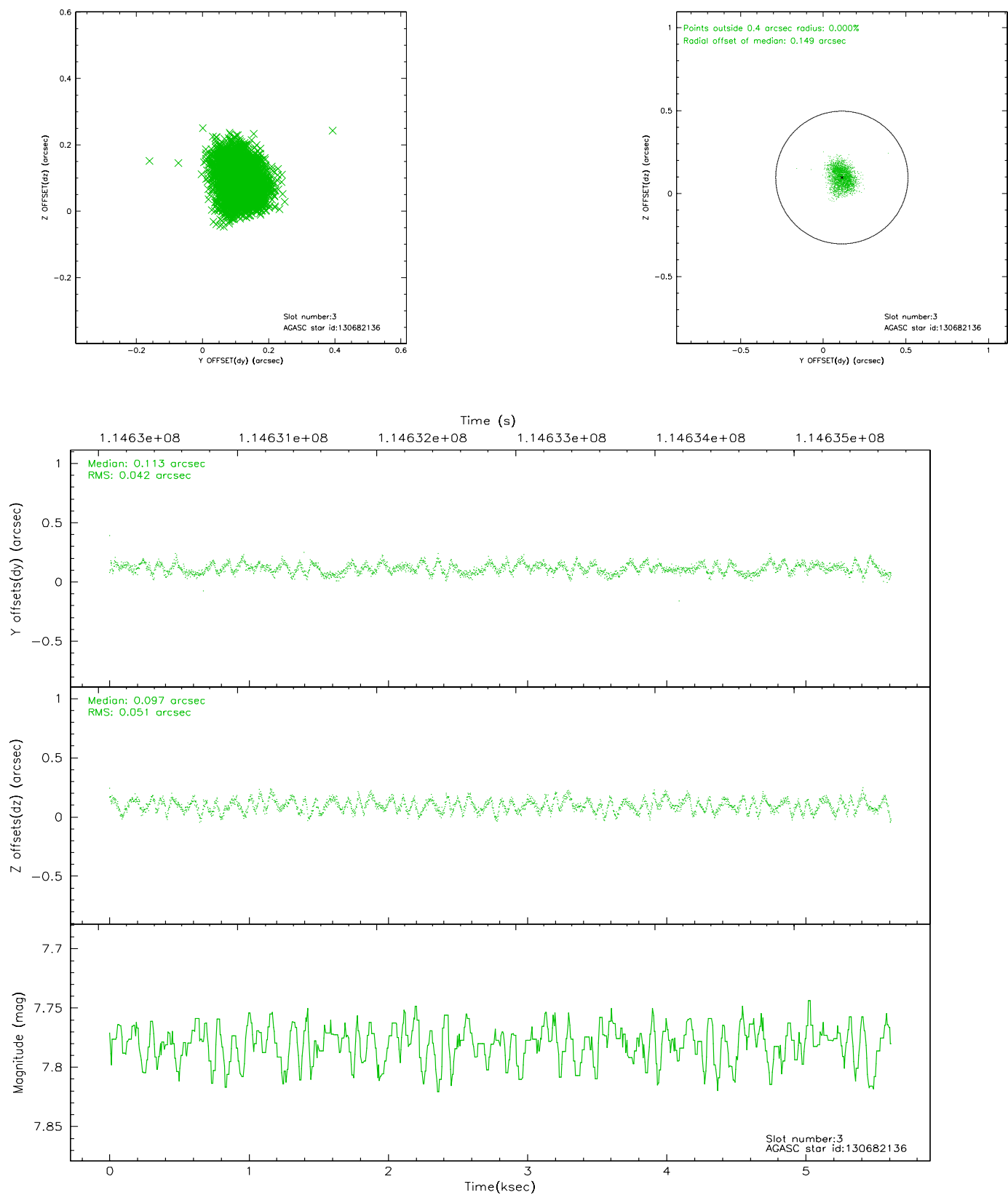


Slot Statistics

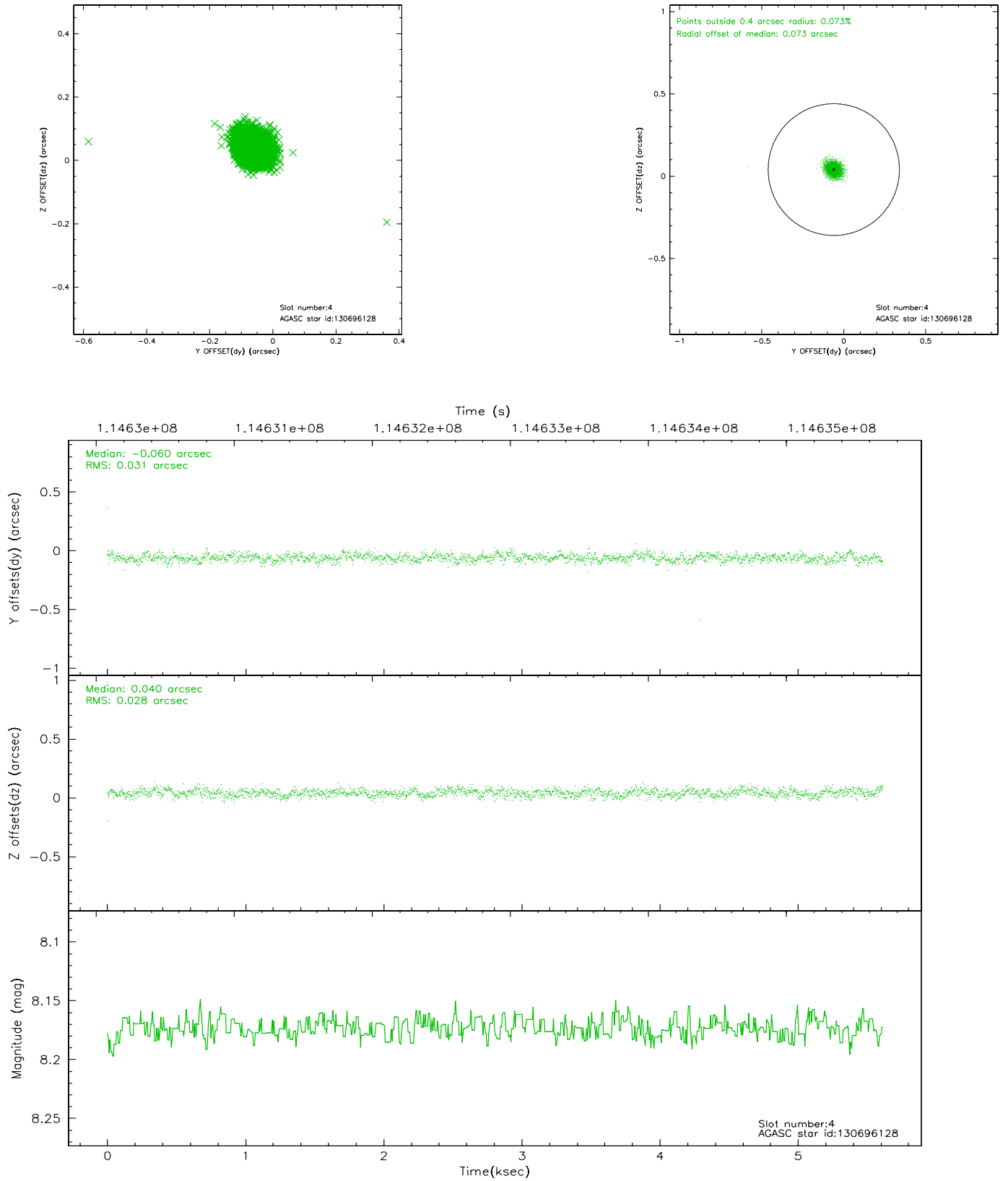
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1370	-0.029	0.024	0.006	0.010	0.000000	0.000000	-754.77	-1726.78
1	FID	ACIS-S-4	7.20	1369	-0.069	0.007	0.005	0.009	0.000000	0.000000	2157.93	180.66
2	FID	ACIS-S-5	7.24	1370	0.067	-0.023	0.006	0.011	0.000000	0.000000	-1806.20	175.41
3	GUIDE	130682136	7.78	2740	0.113	0.097	0.072	0.109	265.593767	9.449551	1396.44	2318.08
4	GUIDE	130696128	8.17	2740	-0.060	0.040	0.042	0.069	265.572442	10.443023	-1974.27	1121.39
5	GUIDE	130688752	8.59	2740	-0.067	-0.087	0.054	0.086	265.448008	10.564793	-2253.06	564.81
6	GUIDE	130685880	8.50	2740	0.065	-0.015	0.052	0.086	264.710749	9.543534	2057.19	-765.24
7	GUIDE	130679984	9.37	2736	-0.050	-0.028	0.100	0.159	264.489824	10.230265	-45.88	-2281.32

2.4 Star Slots

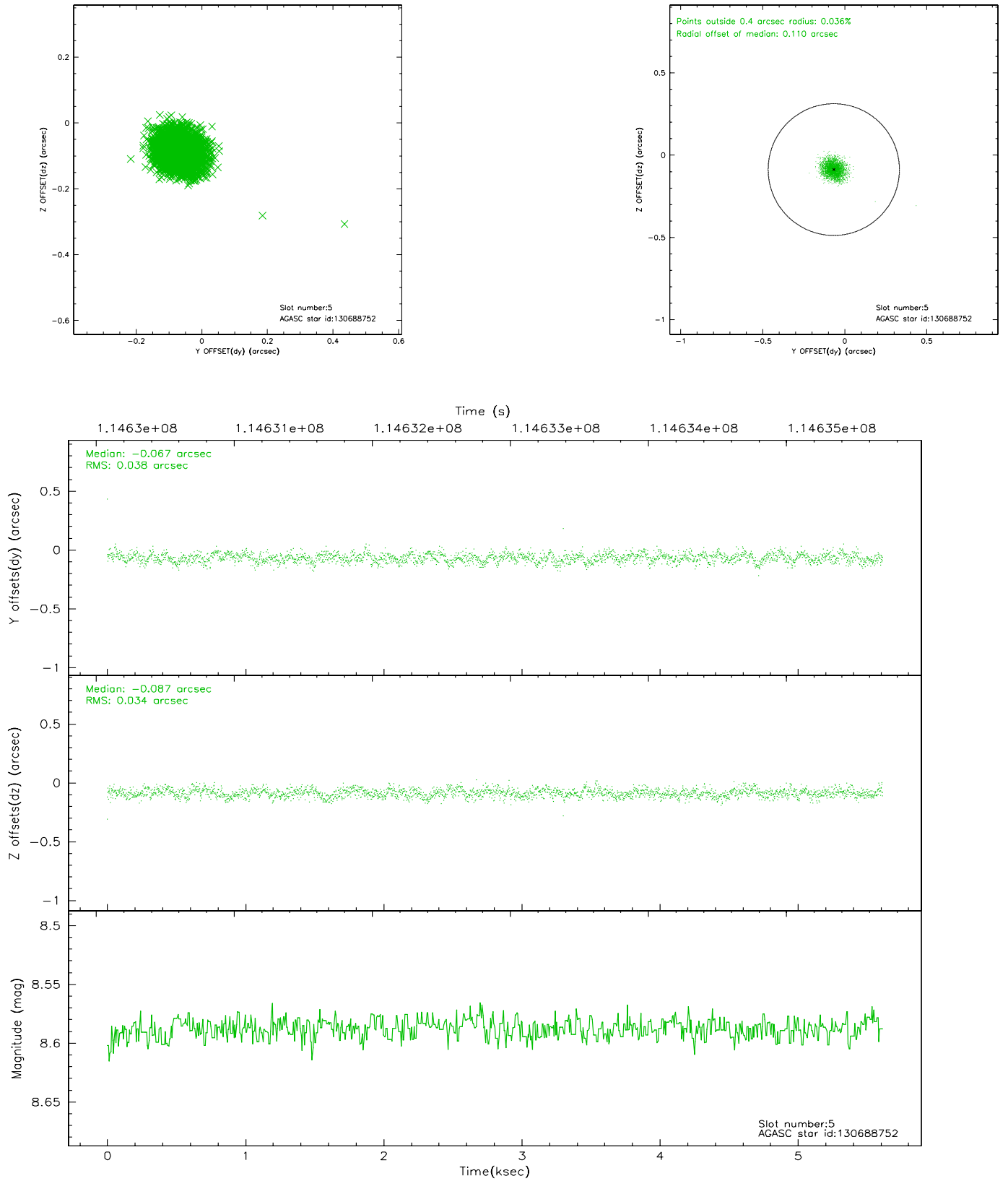
2.4.1 Slot 3



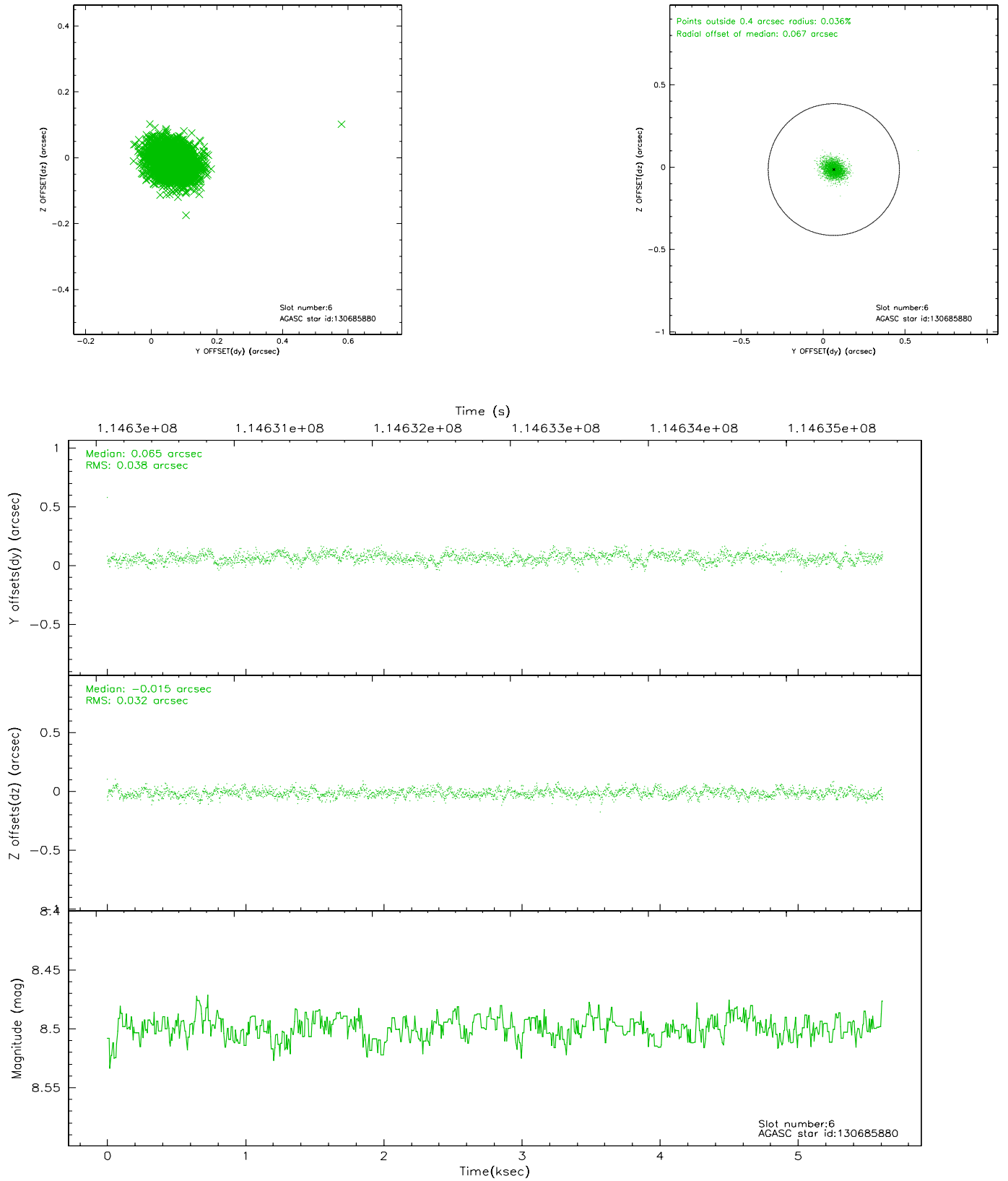
2.4.2 Slot 4



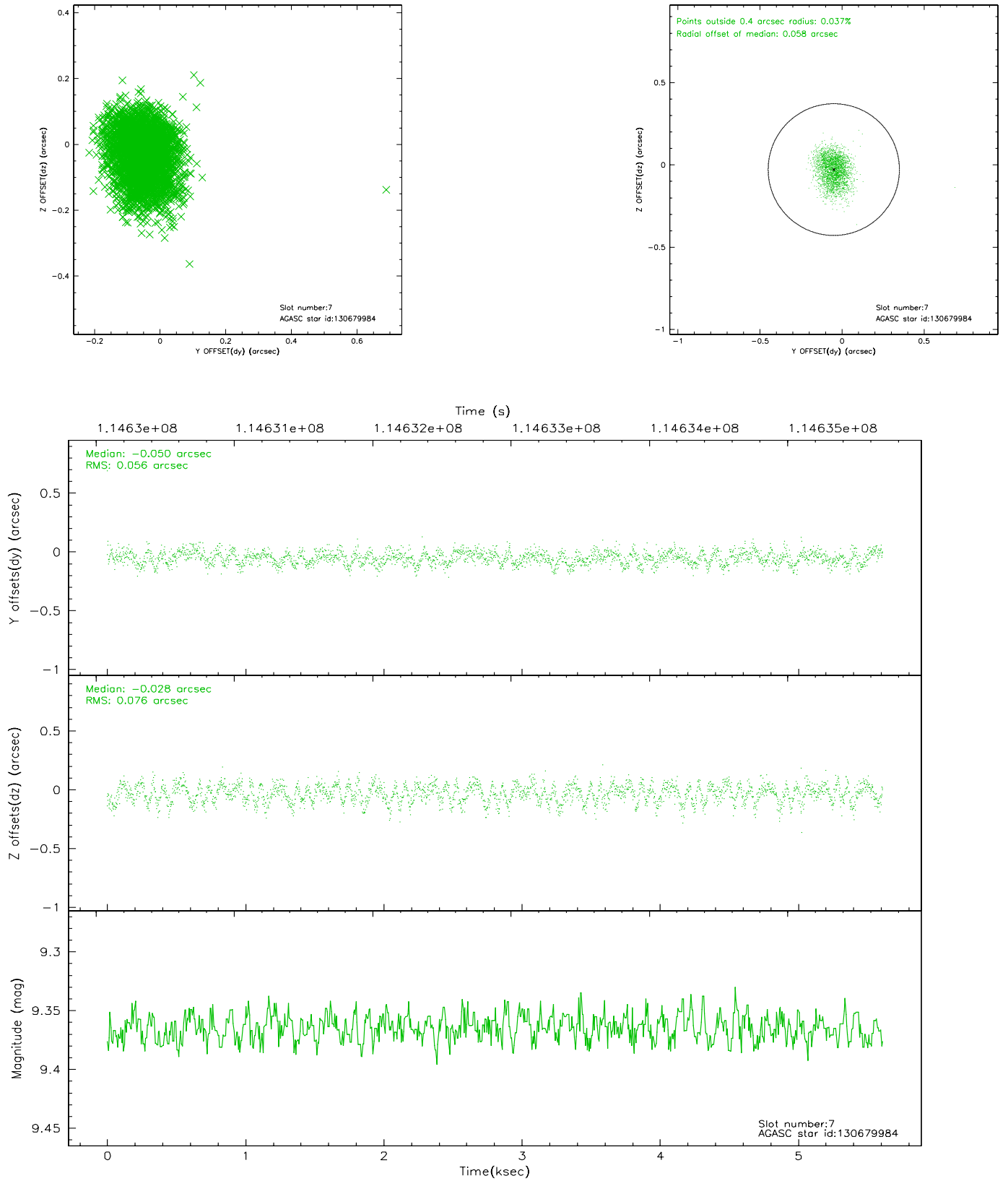
2.4.3 Slot 5



2.4.4 Slot 6

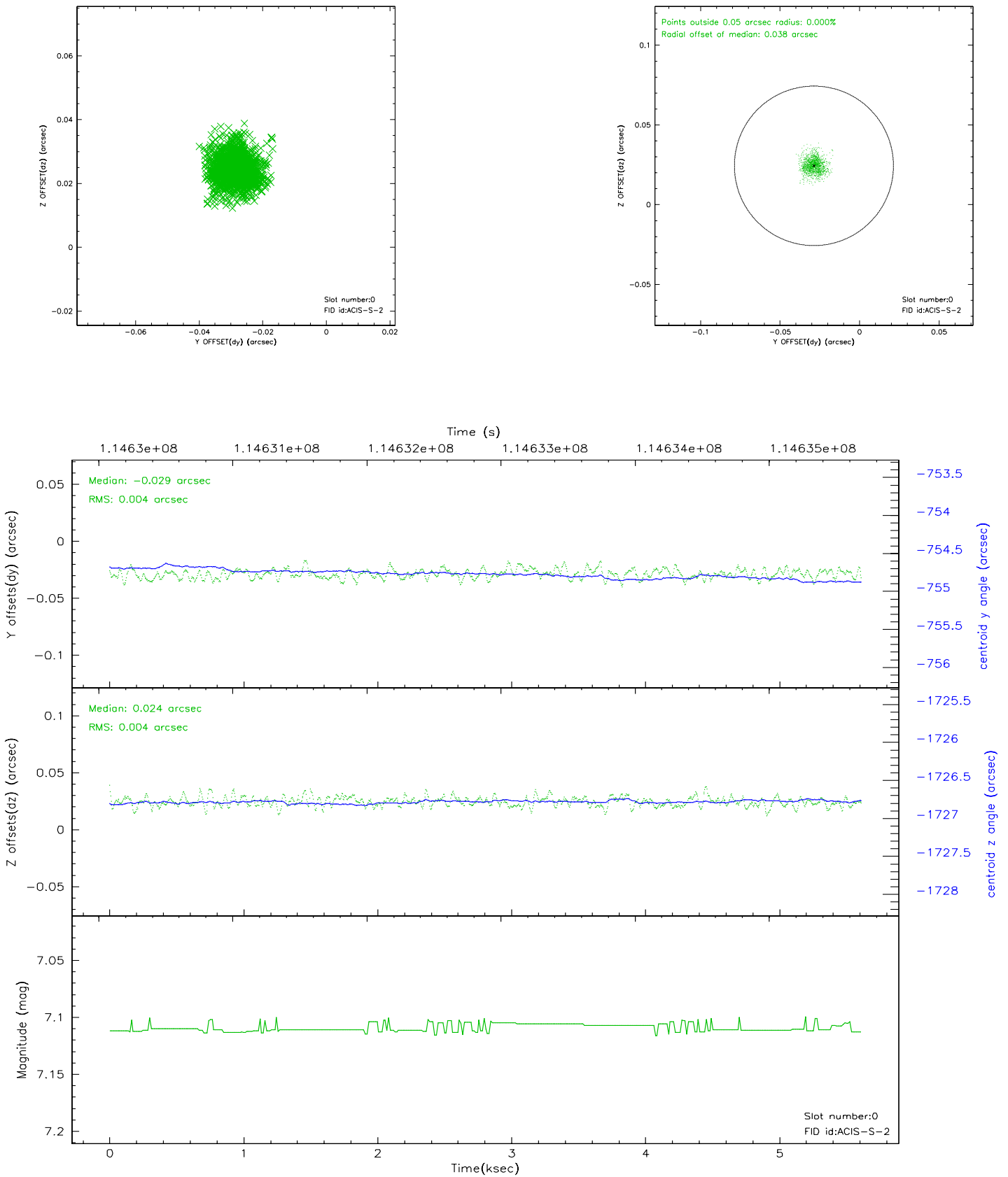


2.4.5 Slot 7

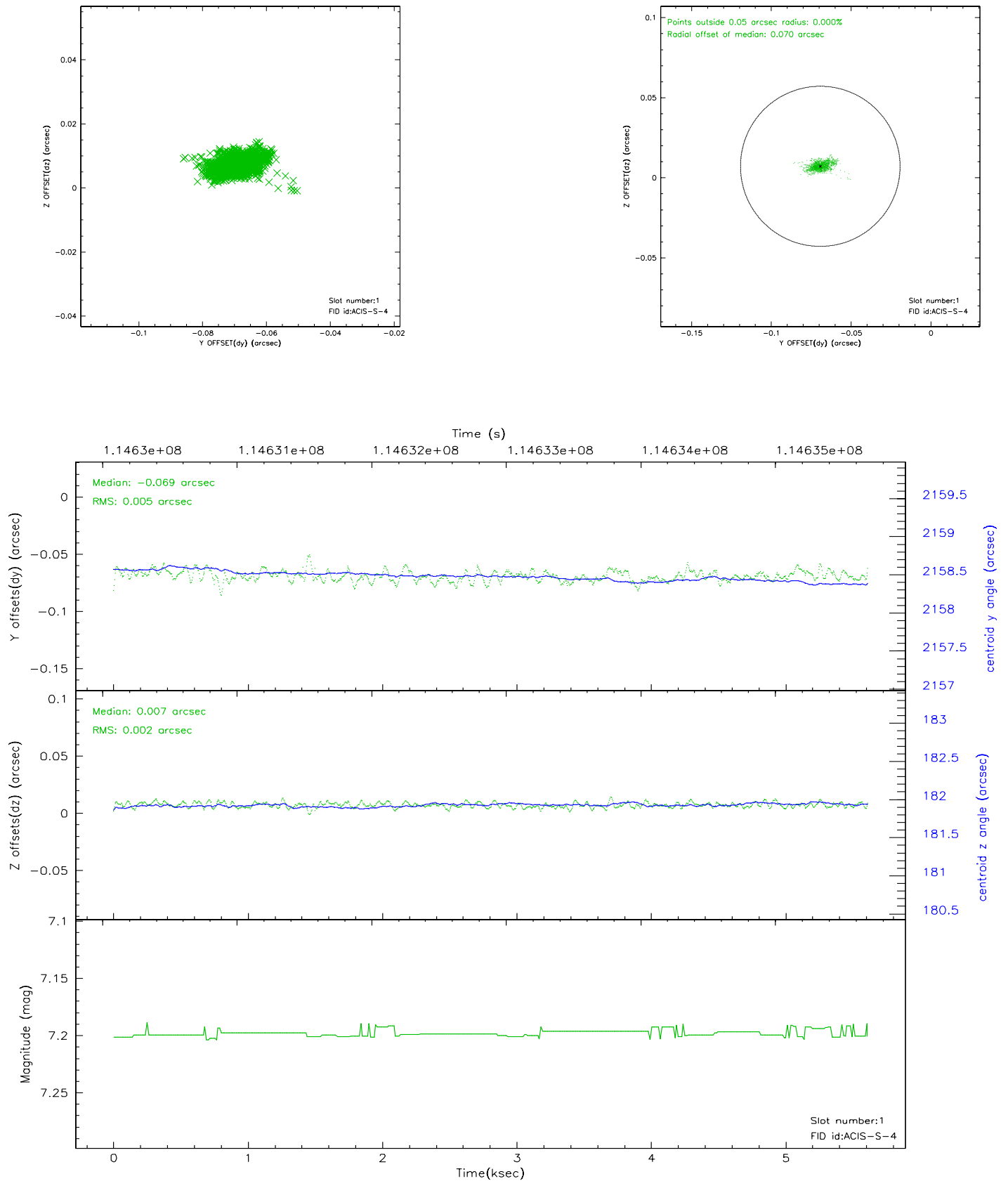


2.5 FID Slots

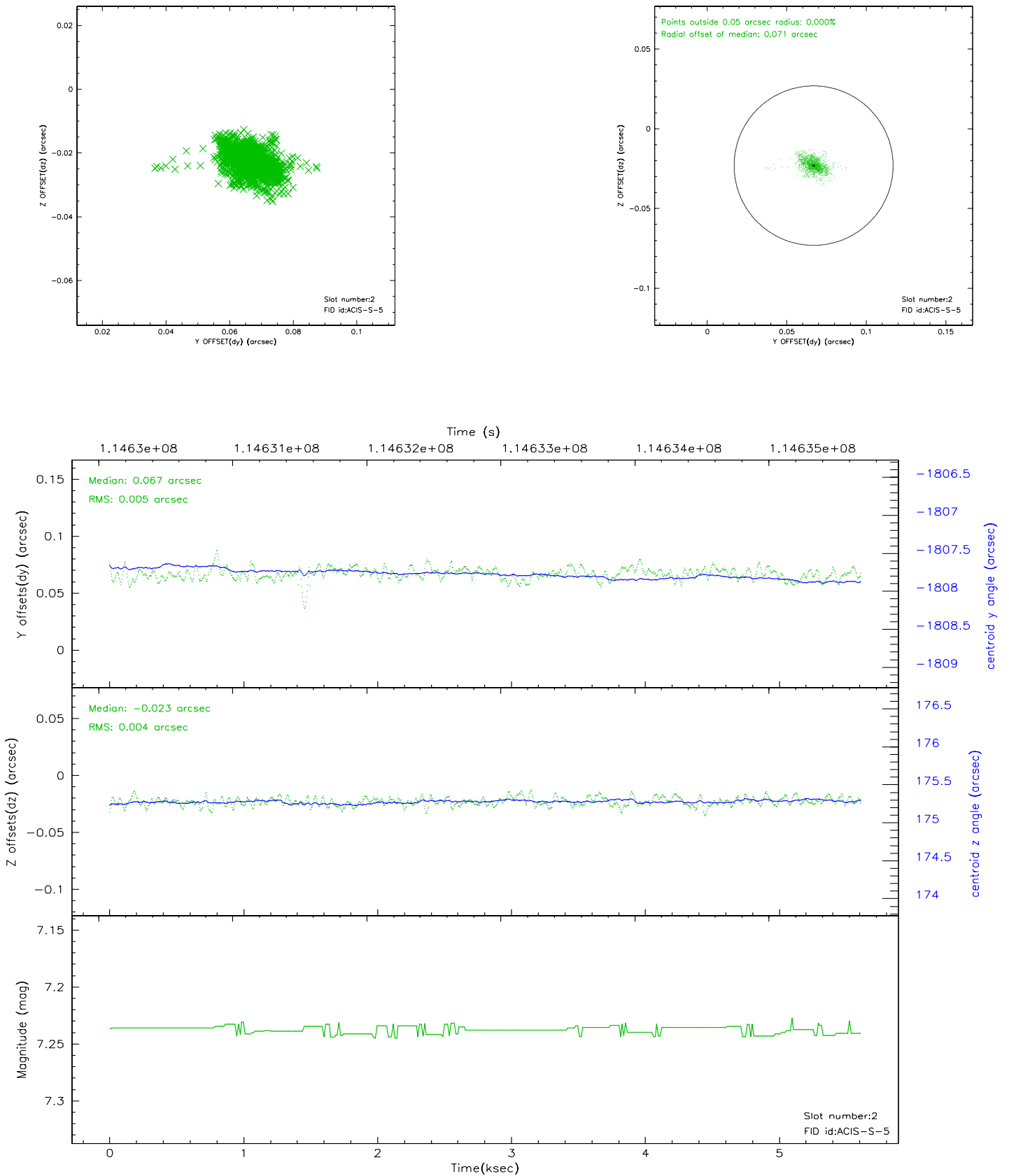
2.5.1 Slot 0



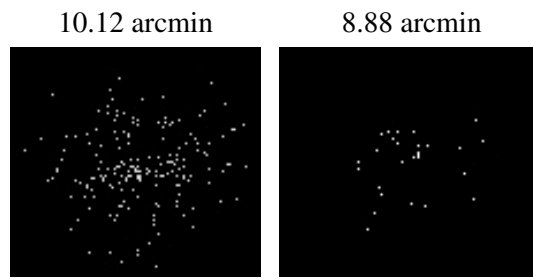
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.152

A.2 Comments