

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1650 - L2 Version 001
Chandra X-Ray Center

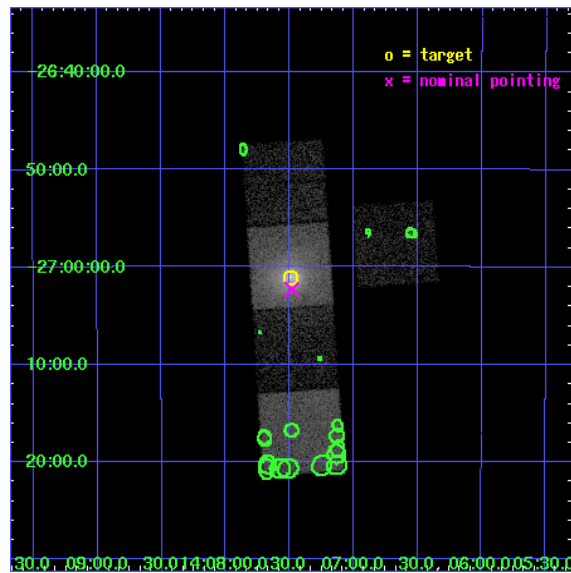
L2 Processing Date : Nov 27 2006

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1 Front

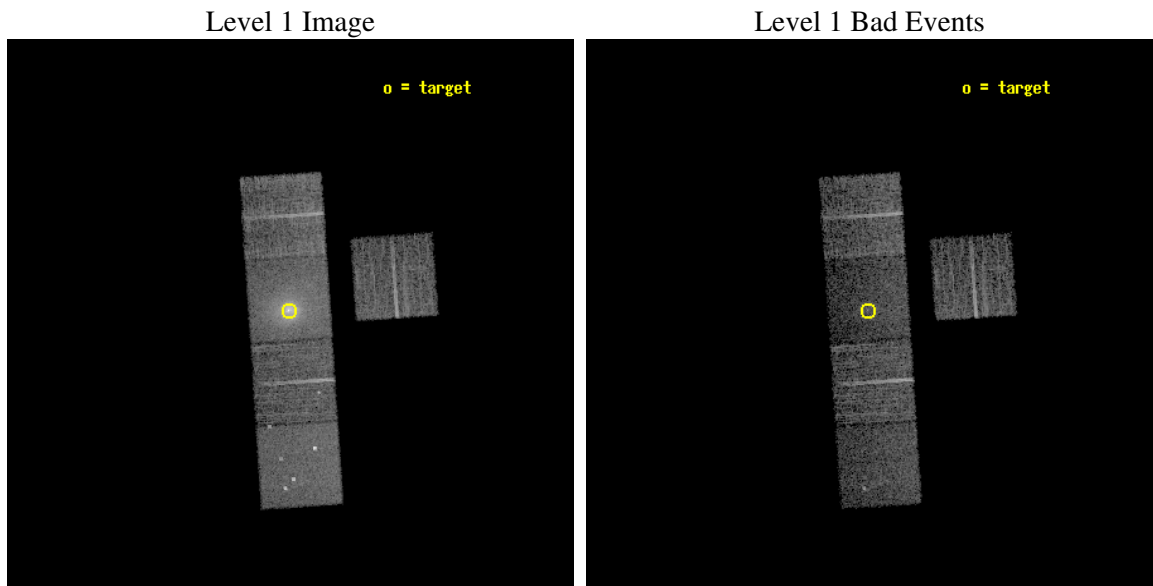
seq_num	800118
obs_id	1650
title	THE COOLING FLOW IN PKS1404-267
observer	Prof Andrew Fabian
object	PKS1404-257
dtcycle	0
cycle	P
ra_targ	211.874108
dec_targ	-27.018083
ra_nom	211.87062239642
dec_nom	-27.038733886645
roll_nom	266.16368042844
revision	2
ontime	7260.1999860406
livetime	7165.3401283415
ontime3	7257.0590058863
ontime5	7260.1999860406
ontime6	7260.1999860406
ontime7	7260.1999860406
ontime8	7260.1999860406
l2events	86715



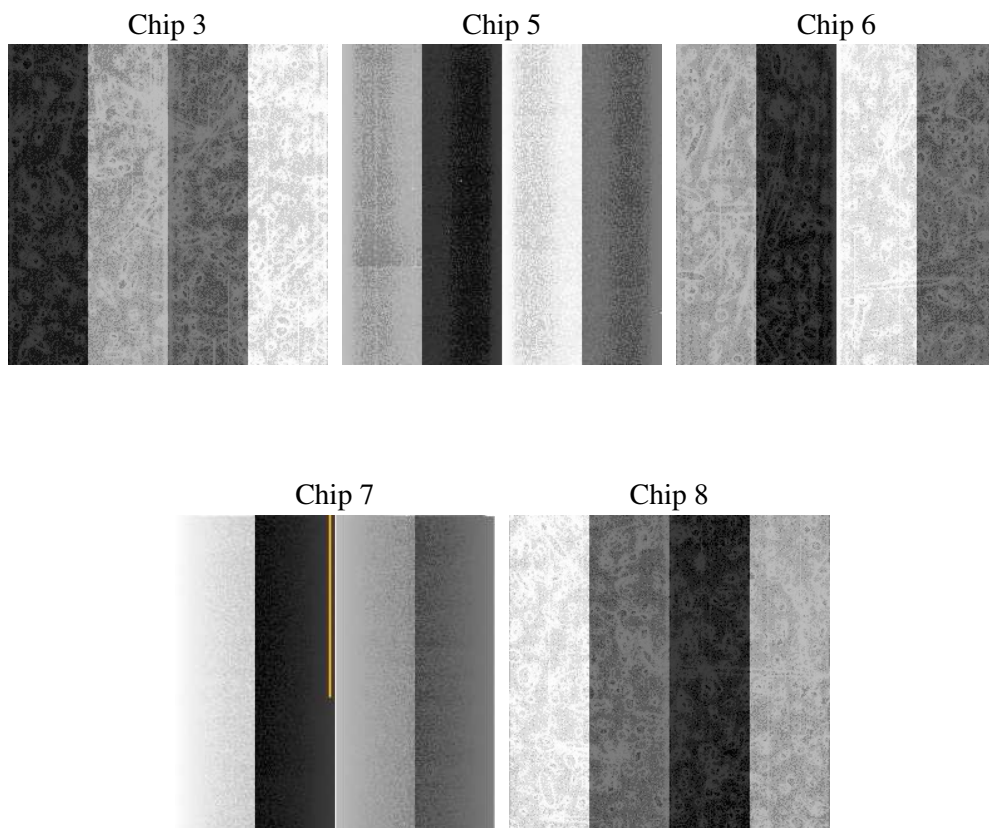
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-28T03:17:30
revision	2

sched_exp_time	7100.000000
ontime	7525.8338733017
ontime3	7522.6928632408
ontime5	7525.8338733017
ontime6	7525.8338433951
ontime7	7525.8338733017
ontime8	7525.8338433951
llevents	274938

2.1.4 Events

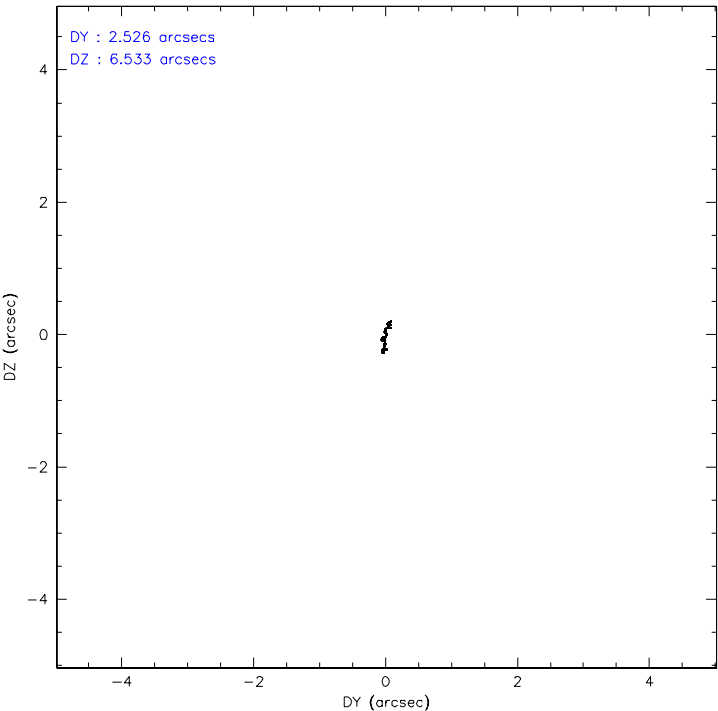
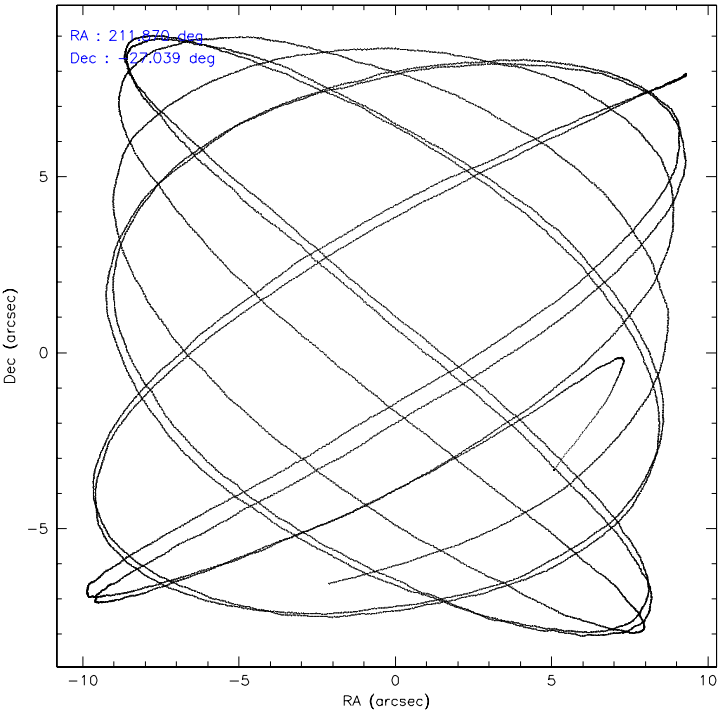
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	43050	55762	44984	76437	54705
rejected events	38712	28230	38611	26856	42503
rejected %	89%	50%	85%	35%	77%

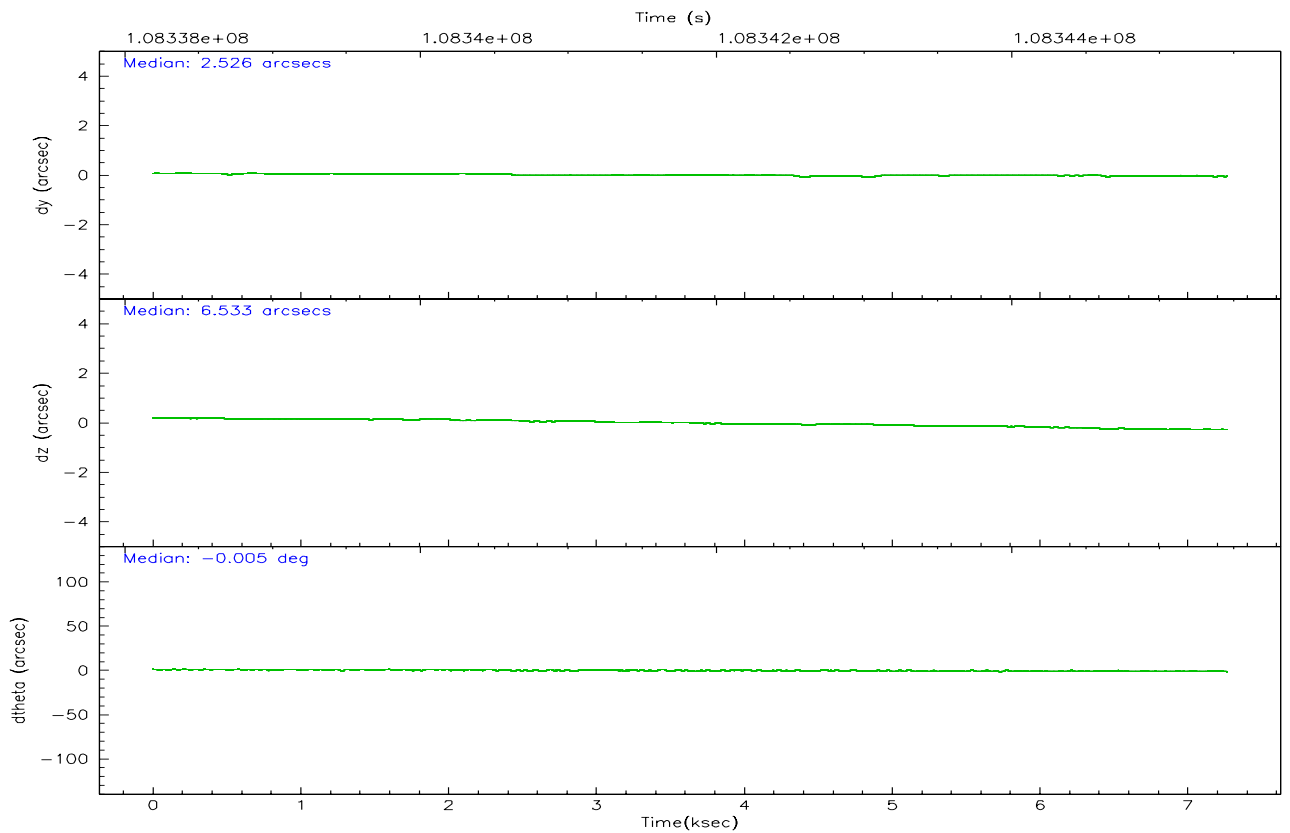
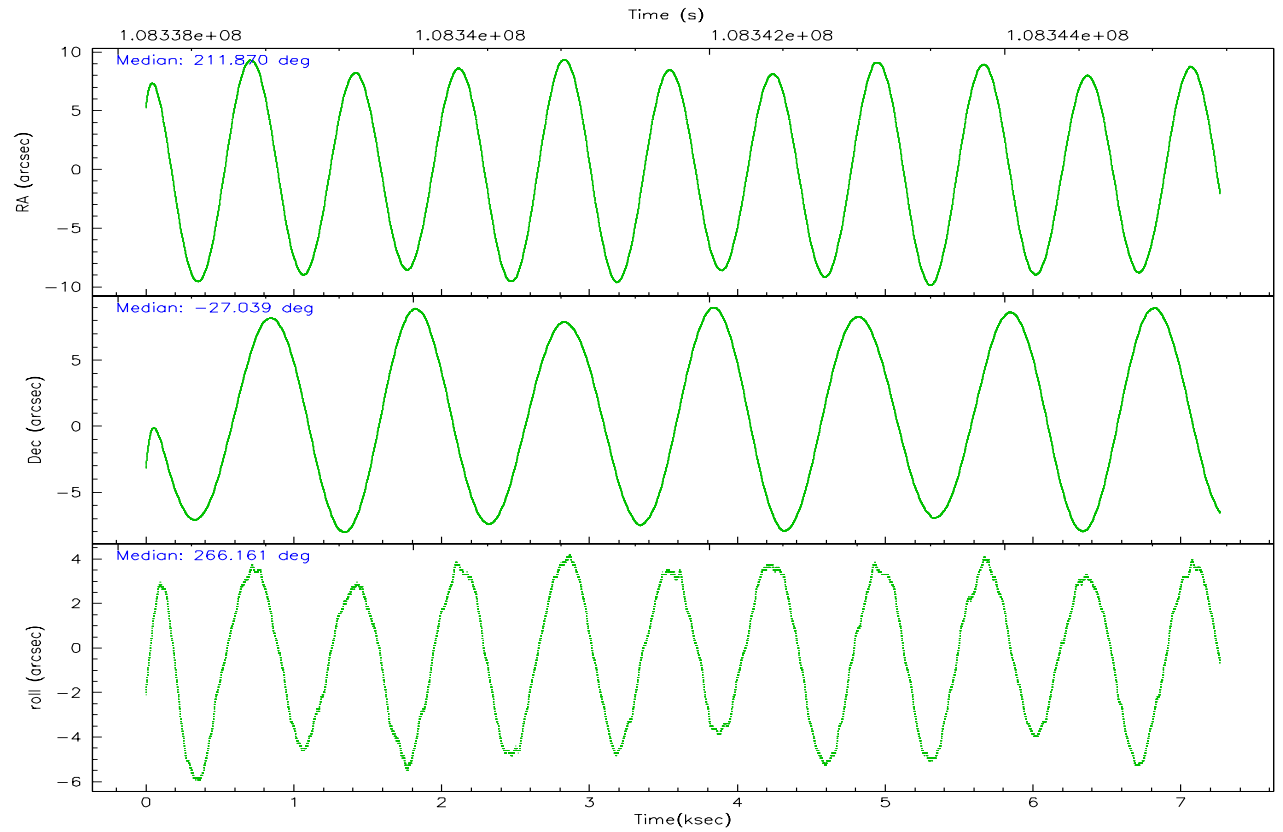
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2016	4961	3601	11256	4458
	4%	8%	8%	14%	8%
grade 1 events	23	28	22	35	31
	0%	0%	0%	0%	0%
grade 2 events	820	8000	1040	13681	2556
	1%	14%	2%	17%	4%
grade 3 events	464	807	531	4764	1360
	1%	1%	1%	6%	2%
grade 4 events	453	750	565	4791	1222
	1%	1%	1%	6%	2%
grade 5 events	1391	2747	1448	3617	2059
	3%	4%	3%	4%	3%
grade 6 events	737	14013	853	16450	3092
	1%	25%	1%	21%	5%
grade 7 events	37146	24456	36924	21843	39927
	86%	43%	82%	28%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	211.856770	211.8706223964185	Subarray requested	NONE	NONE
Pointing Dec	-27.014330	-27.03873388664482	Alternating exposures requested	N	N
Pointing Roll	266.000760	266.1636804284381	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	108338358.184000	108337233.25384			
Observation start date	2001-06-07T21:58:14	2001-06-07T21:40:33			
Observation end time	108345458.184000	108345845.81668			
Observation end date	2001-06-07T23:56:34	2001-06-08T00:04:05			
Read mode	TIMED	TIMED			

2.3 Aspect



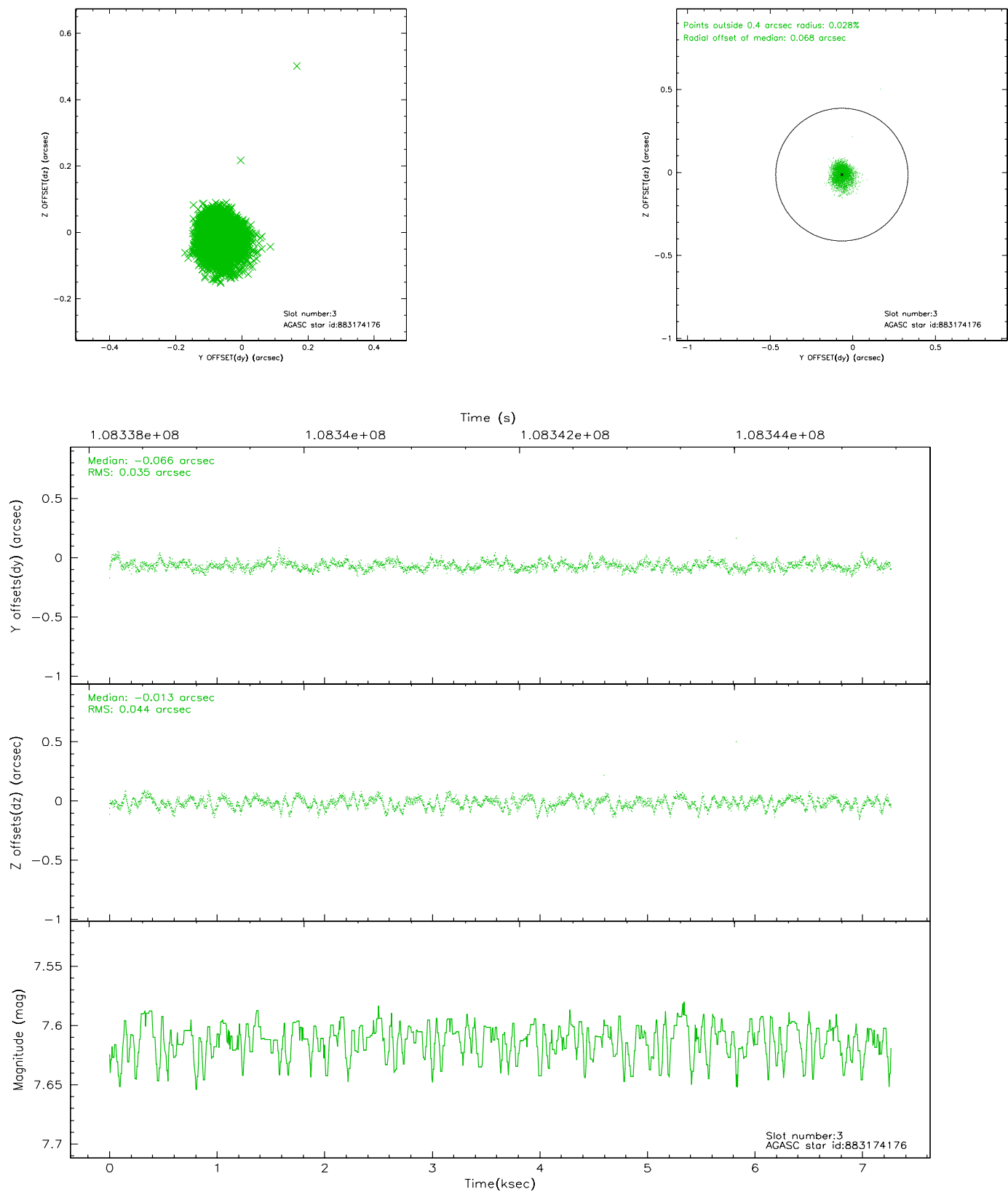


Slot Statistics

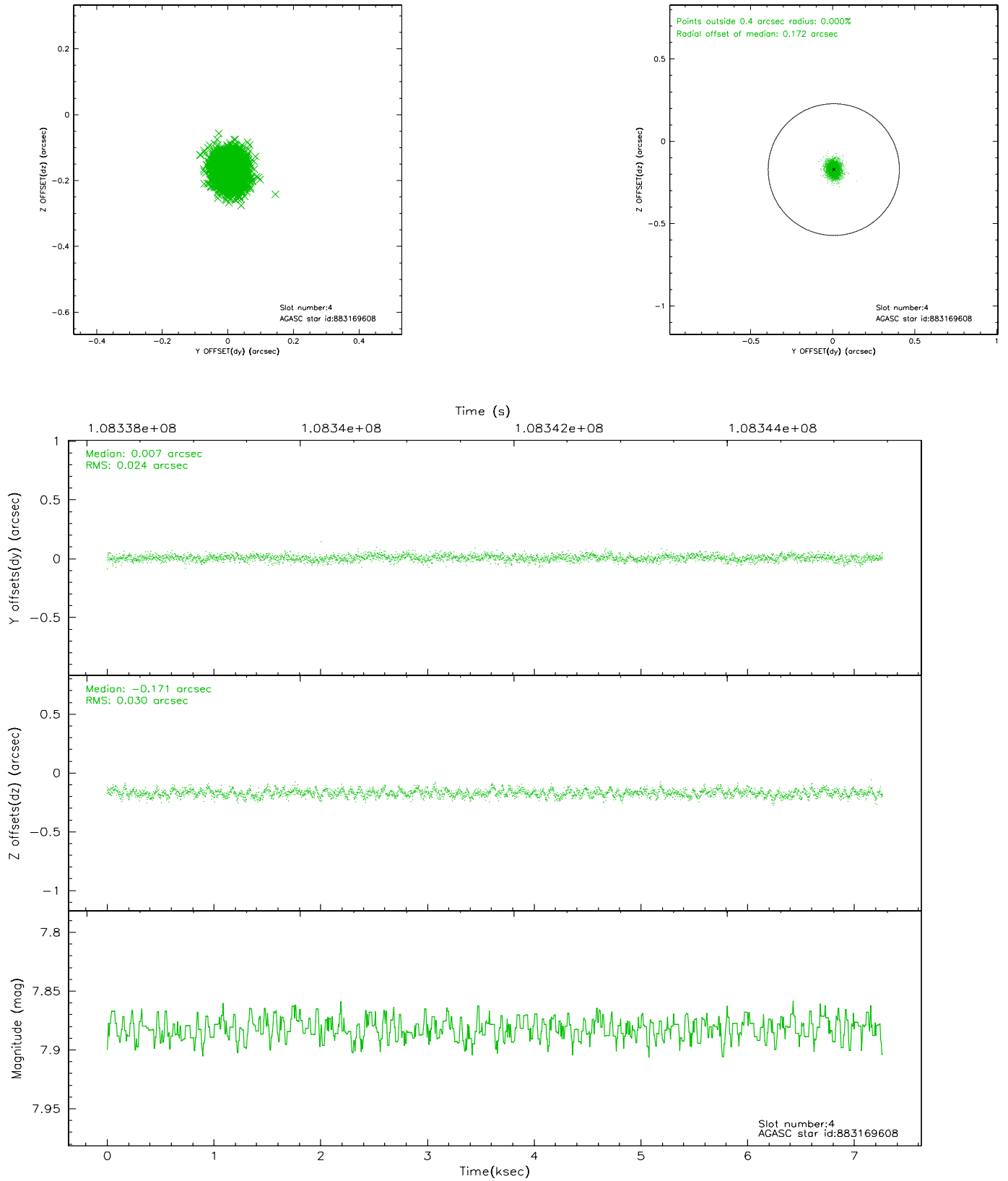
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1773	-0.012	0.024	0.008	0.012	0.000000	0.000000	-755.15	-1727.66
1	FID	ACIS-S-4	7.19	1773	-0.081	-0.000	0.006	0.010	0.000000	0.000000	2157.68	180.03
2	FID	ACIS-S-5	7.23	1772	0.062	-0.014	0.007	0.011	0.000000	0.000000	-1806.93	174.52
3	GUIDE	883174176	7.61	3546	-0.066	-0.013	0.059	0.093	211.579284	-26.579300	-1499.94	-999.43
4	GUIDE	883169608	7.88	3546	0.007	-0.171	0.040	0.067	211.938186	-26.978353	-148.70	252.09
5	GUIDE	883163272	8.15	3546	0.023	0.038	0.064	0.102	212.456361	-27.380857	1186.16	2005.58
6	GUIDE	883167416	8.67	3545	0.079	0.065	0.056	0.093	212.084758	-27.703933	2425.98	899.87
7	GUIDE	883171600	8.27	3545	-0.041	0.081	0.061	0.104	212.140766	-26.653097	-1360.28	822.29

2.4 Star Slots

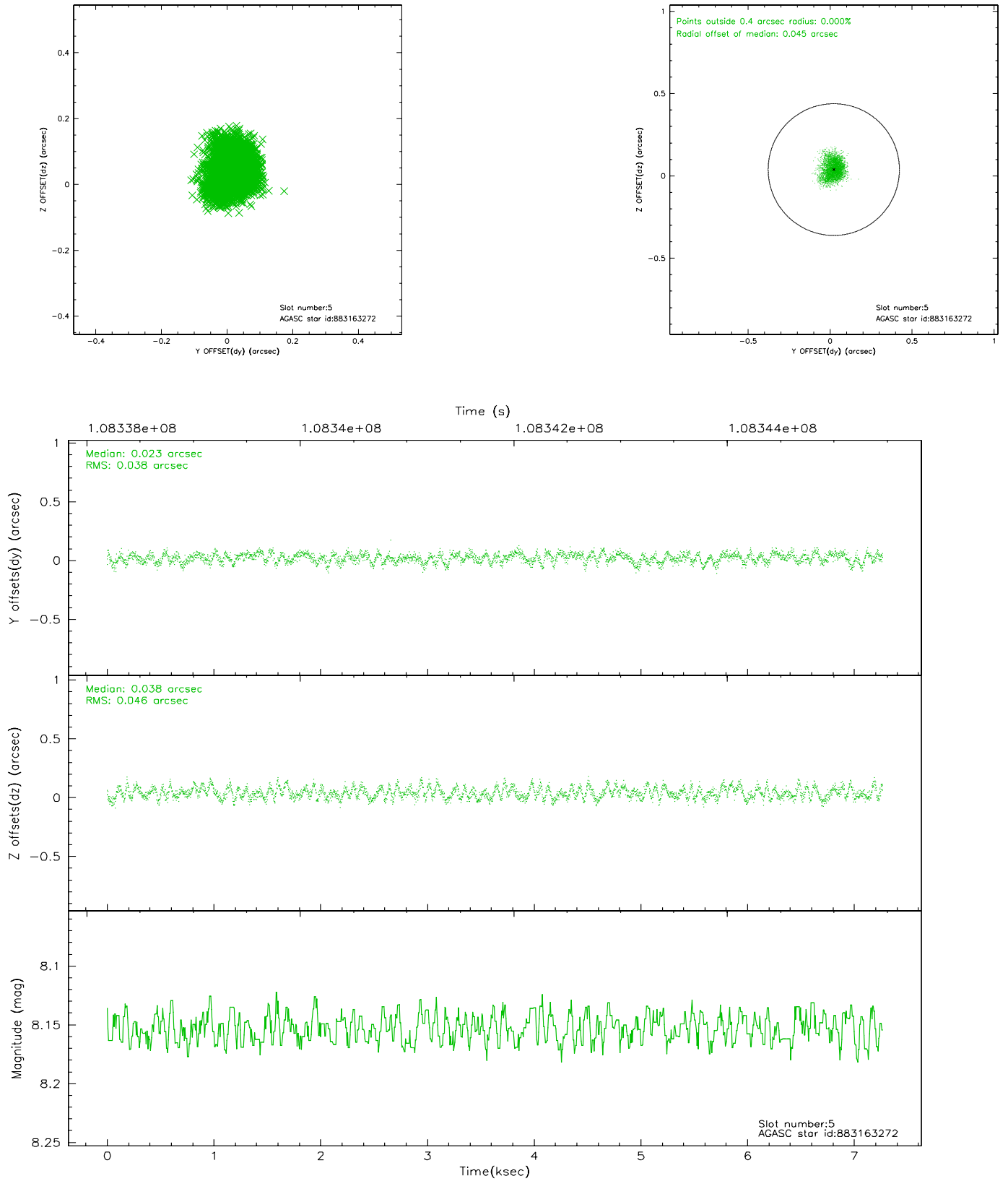
2.4.1 Slot 3



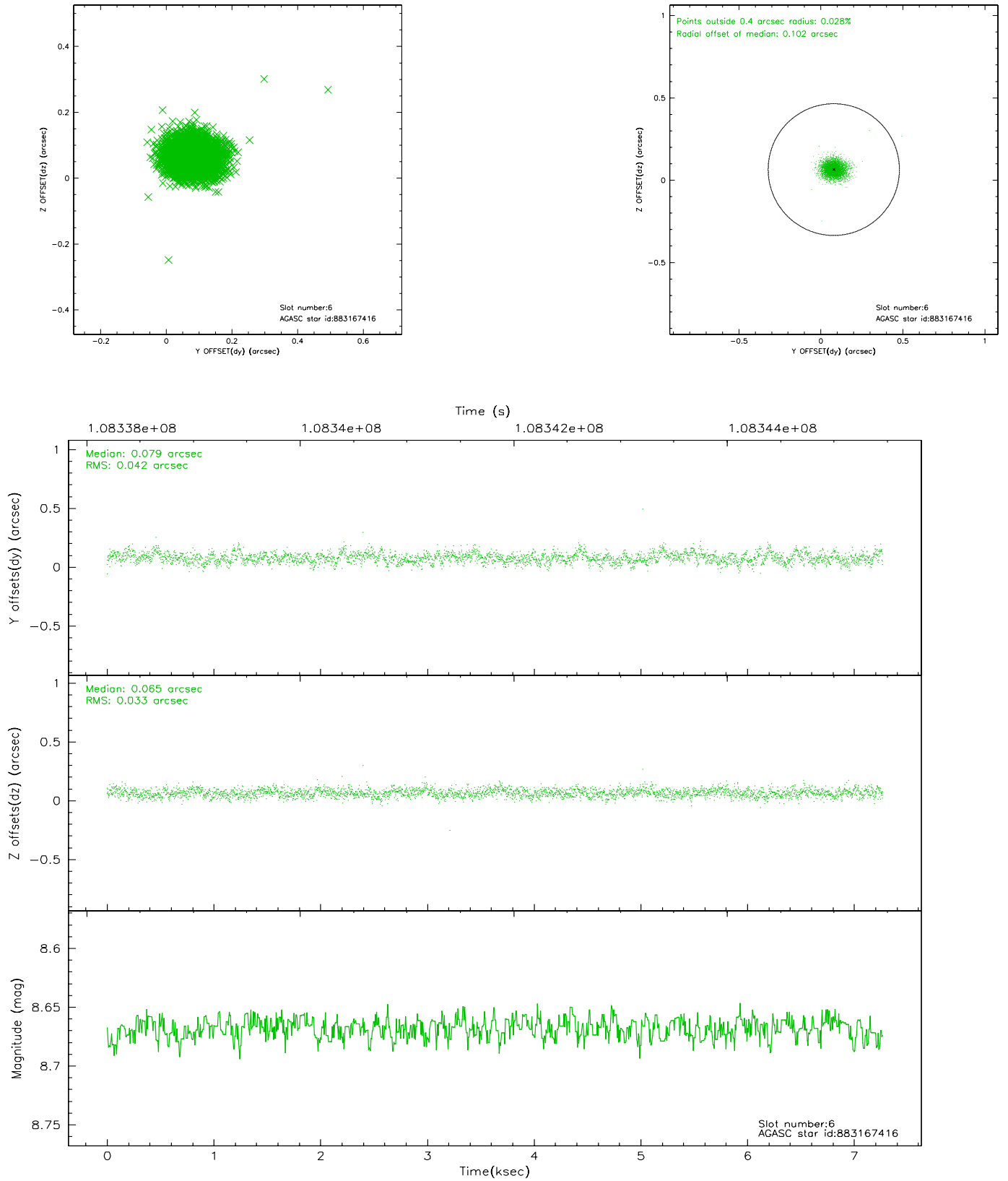
2.4.2 Slot 4



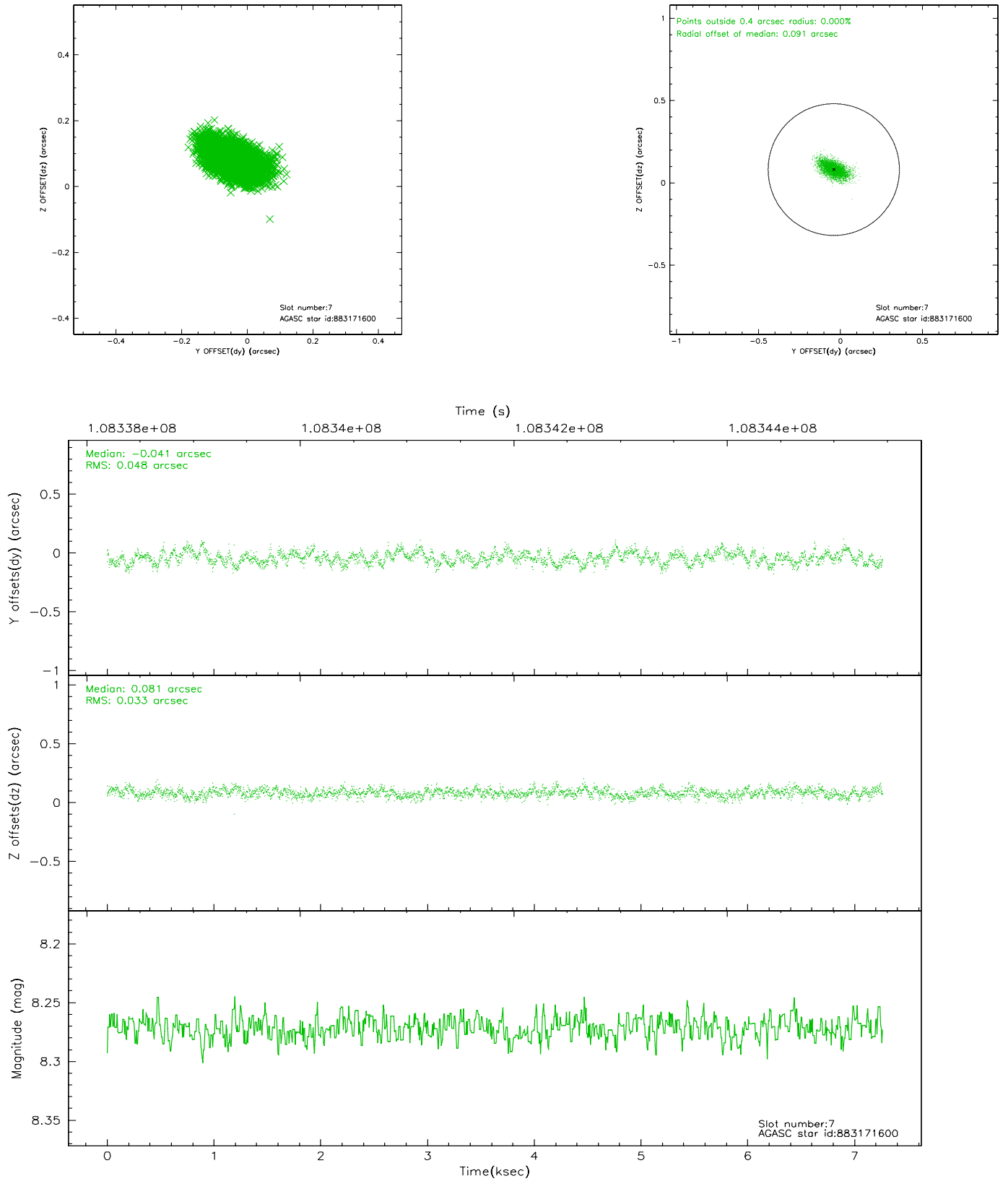
2.4.3 Slot 5



2.4.4 Slot 6

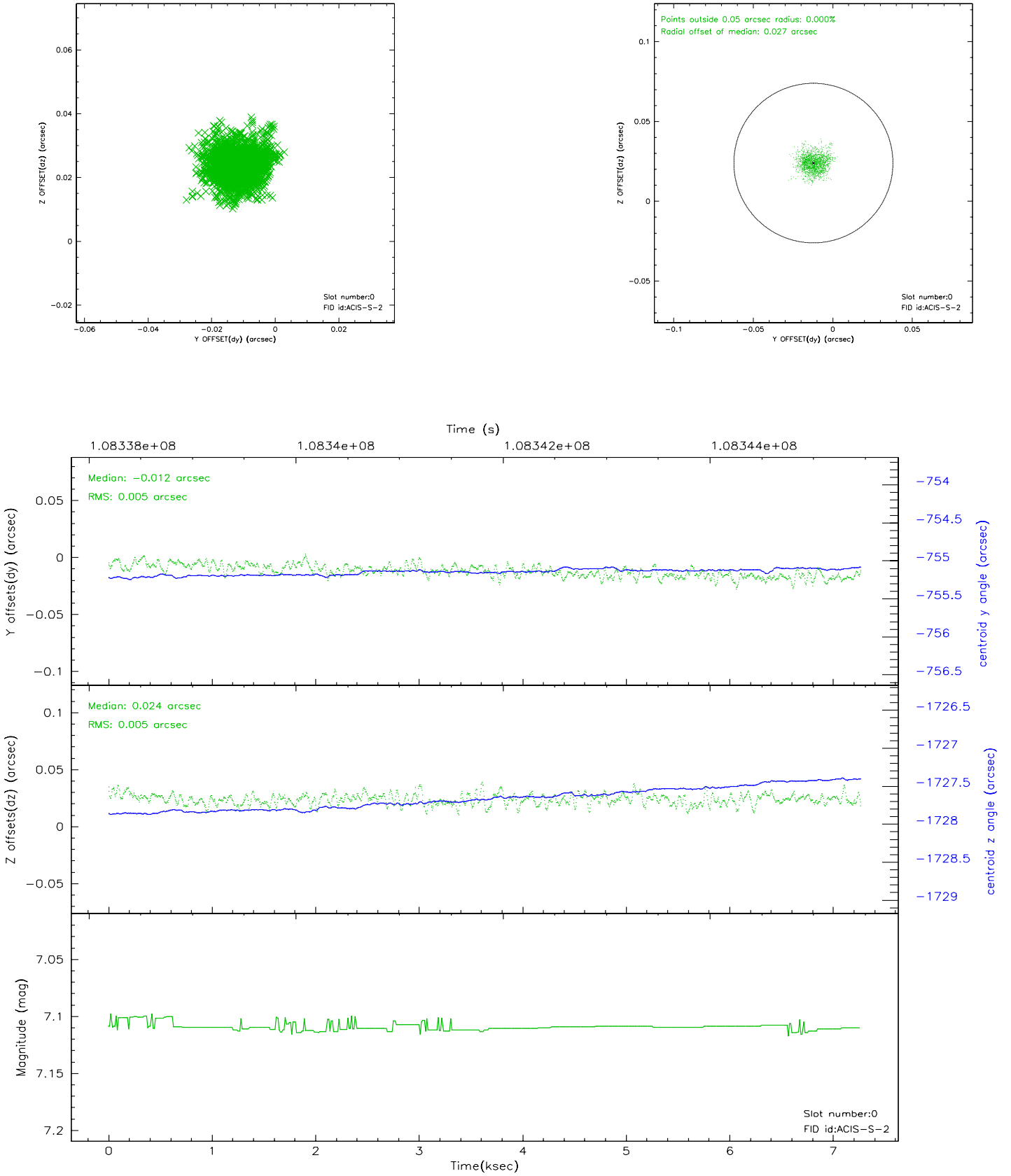


2.4.5 Slot 7

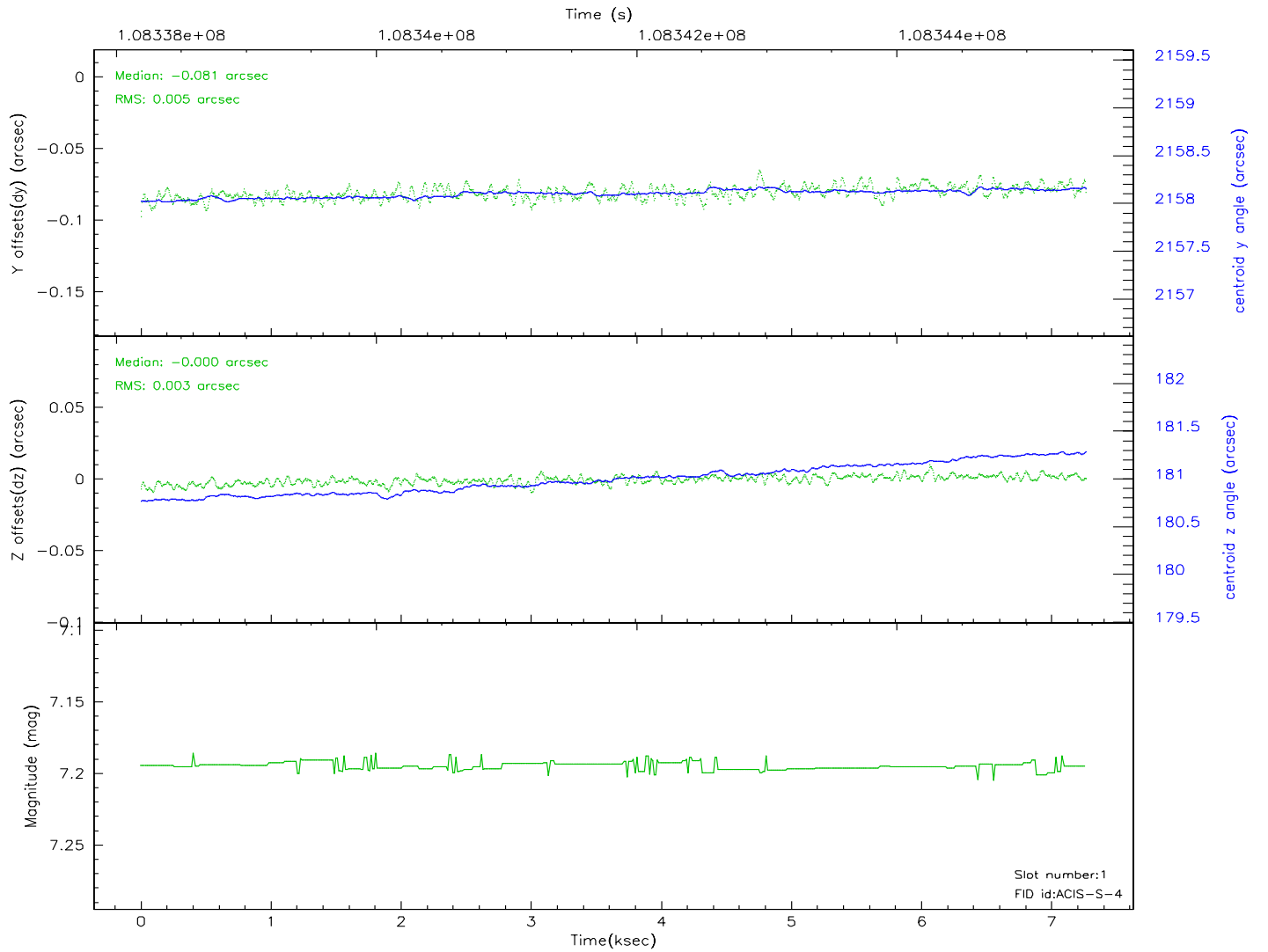
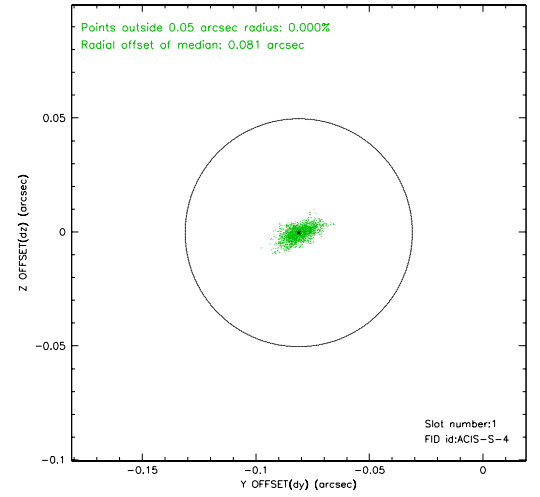
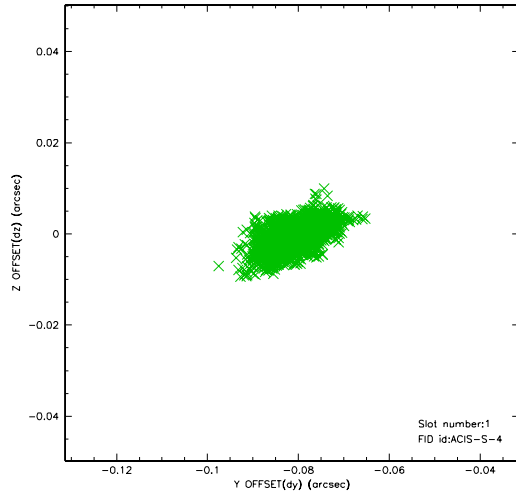


2.5 FID Slots

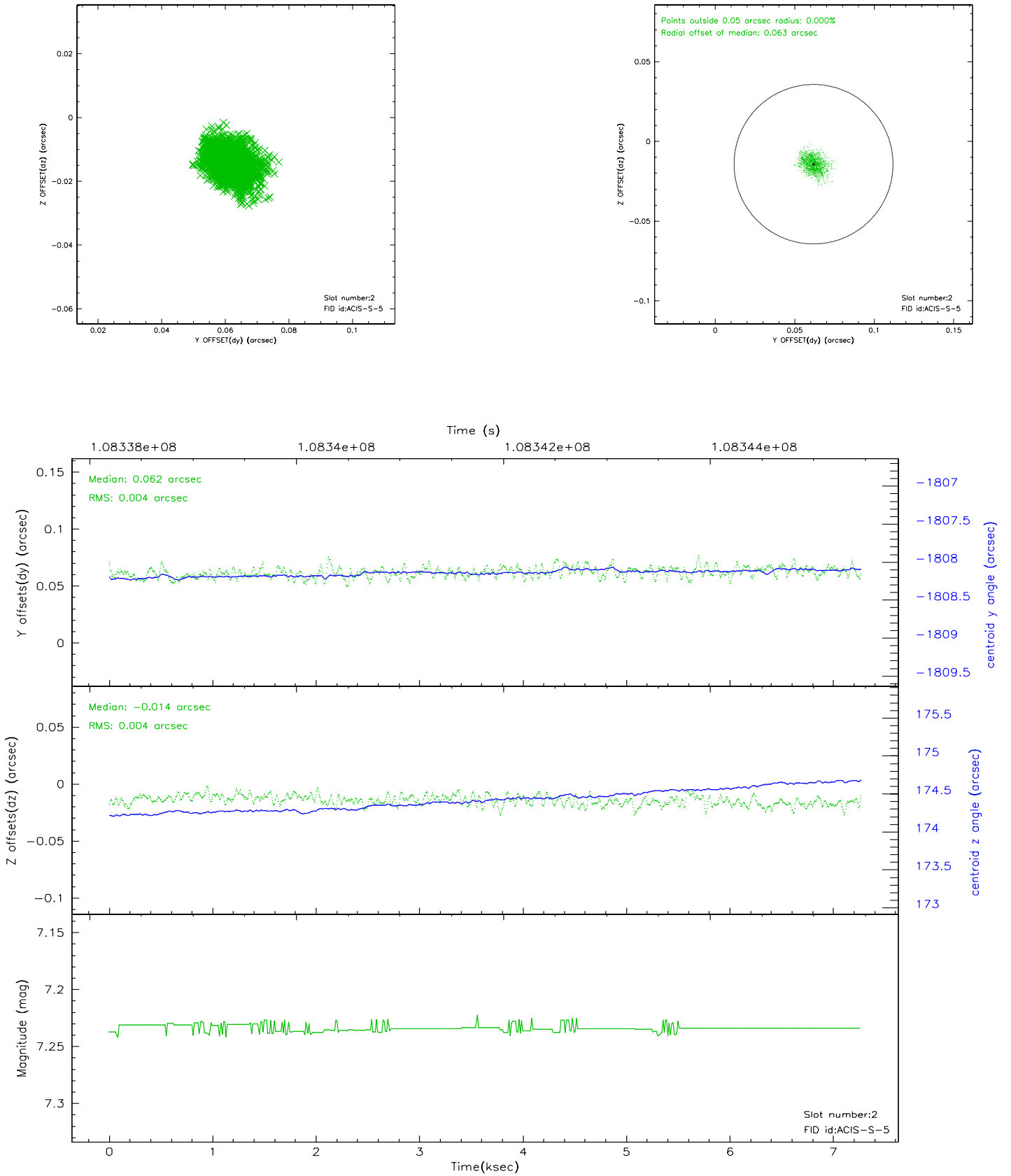
2.5.1 Slot 0



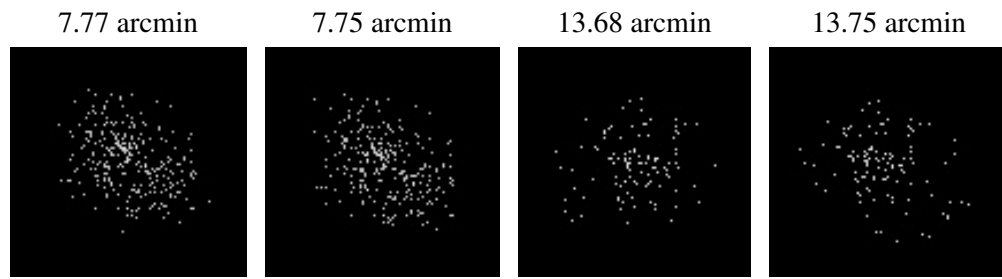
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.26

A.2 Comments