

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2453 - L2 Version 001
Chandra X-Ray Center

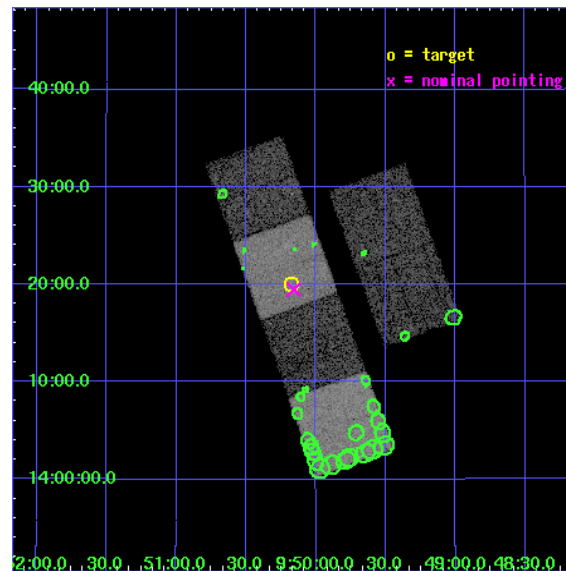
L2 Processing Date : Nov 14 2006

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1 Front

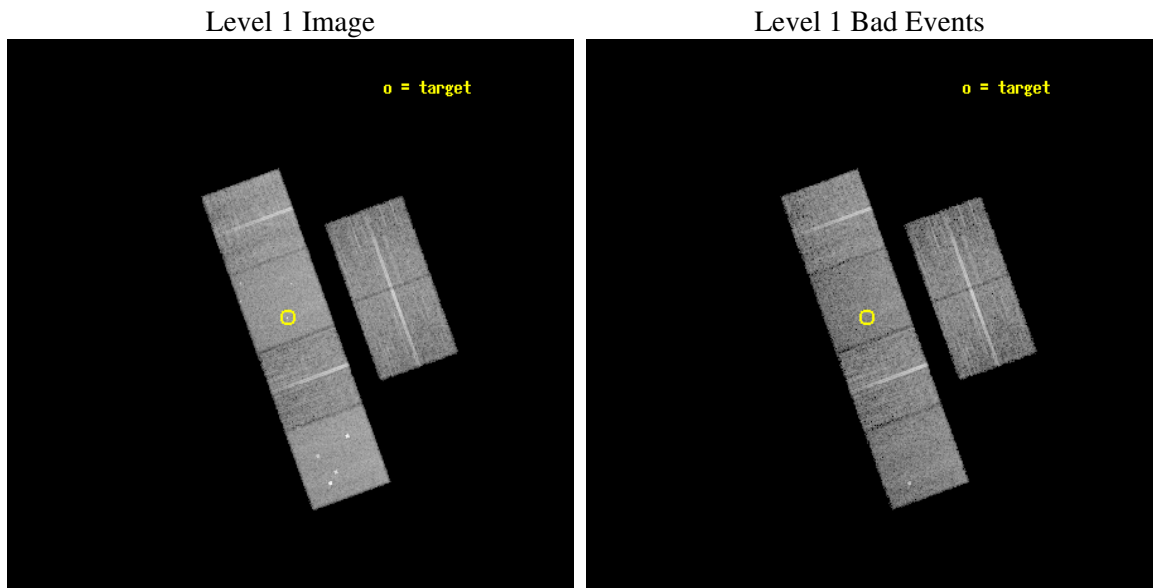
seq_num	700285
obs_id	2453
title	X-RAY STRUCTURES IN AND AROUND POWERFUL RADIO SOURCES
observer	Prof Diana Worrall
object	3C 228
dtcycle	0
cycle	P
ra_targ	147.544583
dec_targ	14.333361
ra_nom	147.5394981819
dec_nom	14.32487145927
roll_nom	250.09307771312
revision	2
ontime	10745.600010008
livetime	10609.532752457
ontime2	10745.600010008
ontime3	10745.600010008
ontime5	10745.600010008
ontime6	10745.600010008
ontime7	10745.600010008
ontime8	10745.600010008
l2events	100996



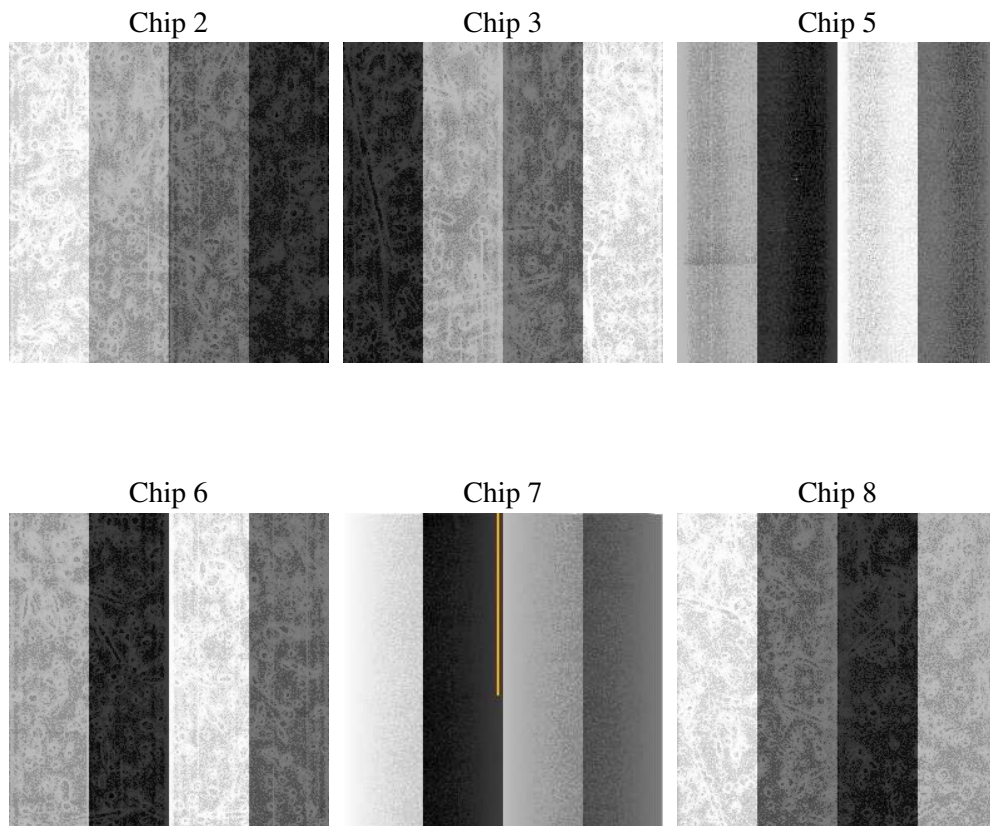
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-14T18:42:30
revision	2

sched_exp_time	10801.530000
ontime	10750.396817297
ontime2	10750.396817297
ontime3	10750.396817297
ontime5	10750.396817297
ontime6	10750.396817297
ontime7	10750.396817297
ontime8	10753.63783738
l1events	468207

2.1.4 Events

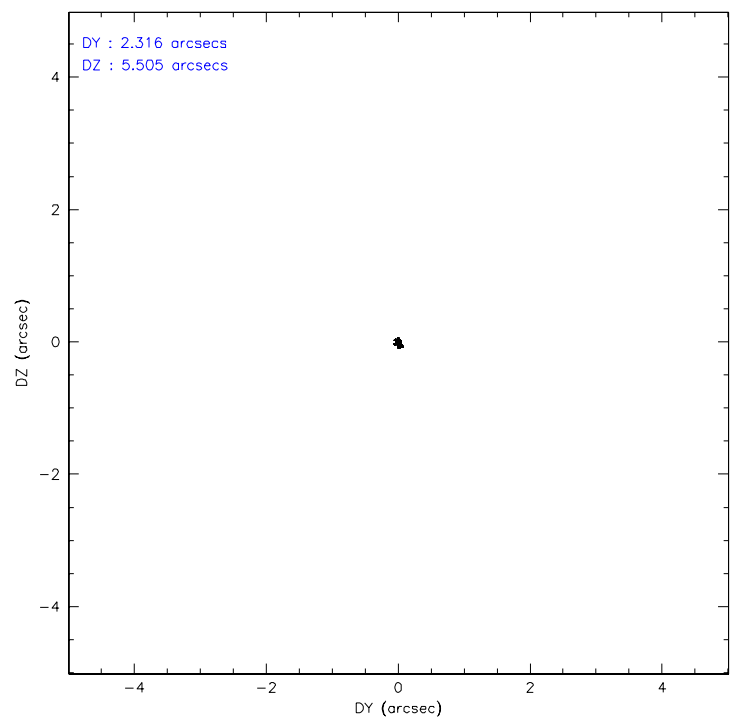
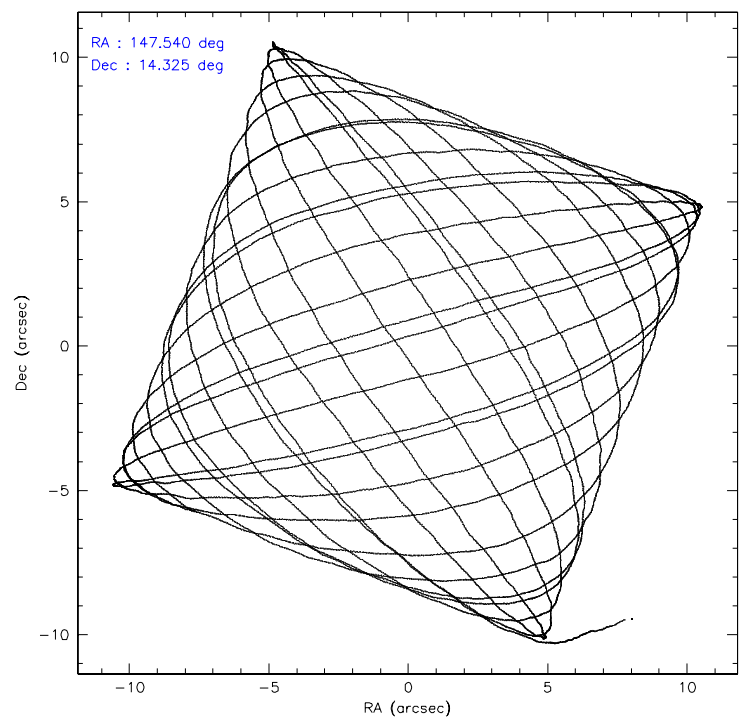
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	67423	65898	95380	68586	86549	84371
rejected events	59735	58273	51775	60720	51703	66955
rejected %	88%	88%	54%	88%	59%	79%

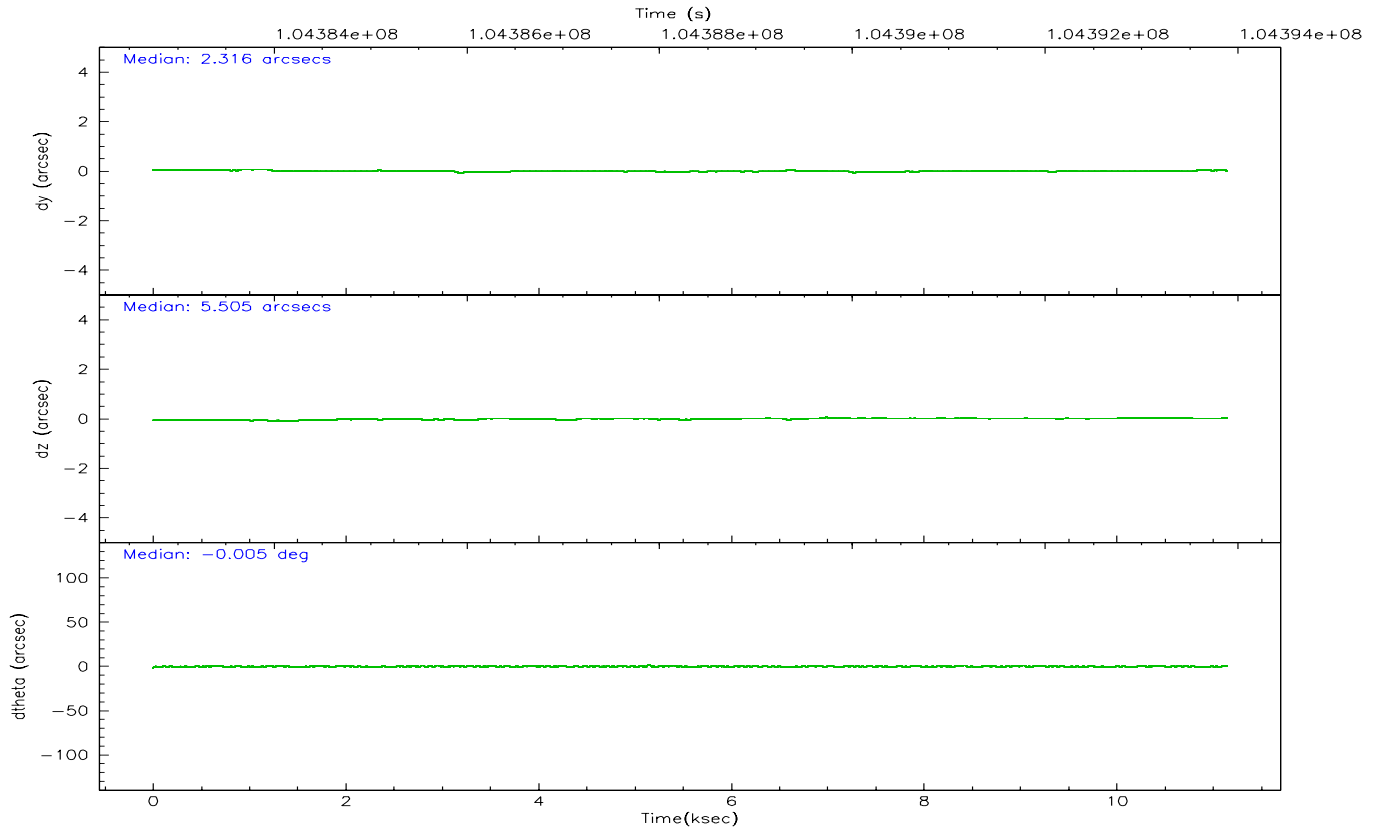
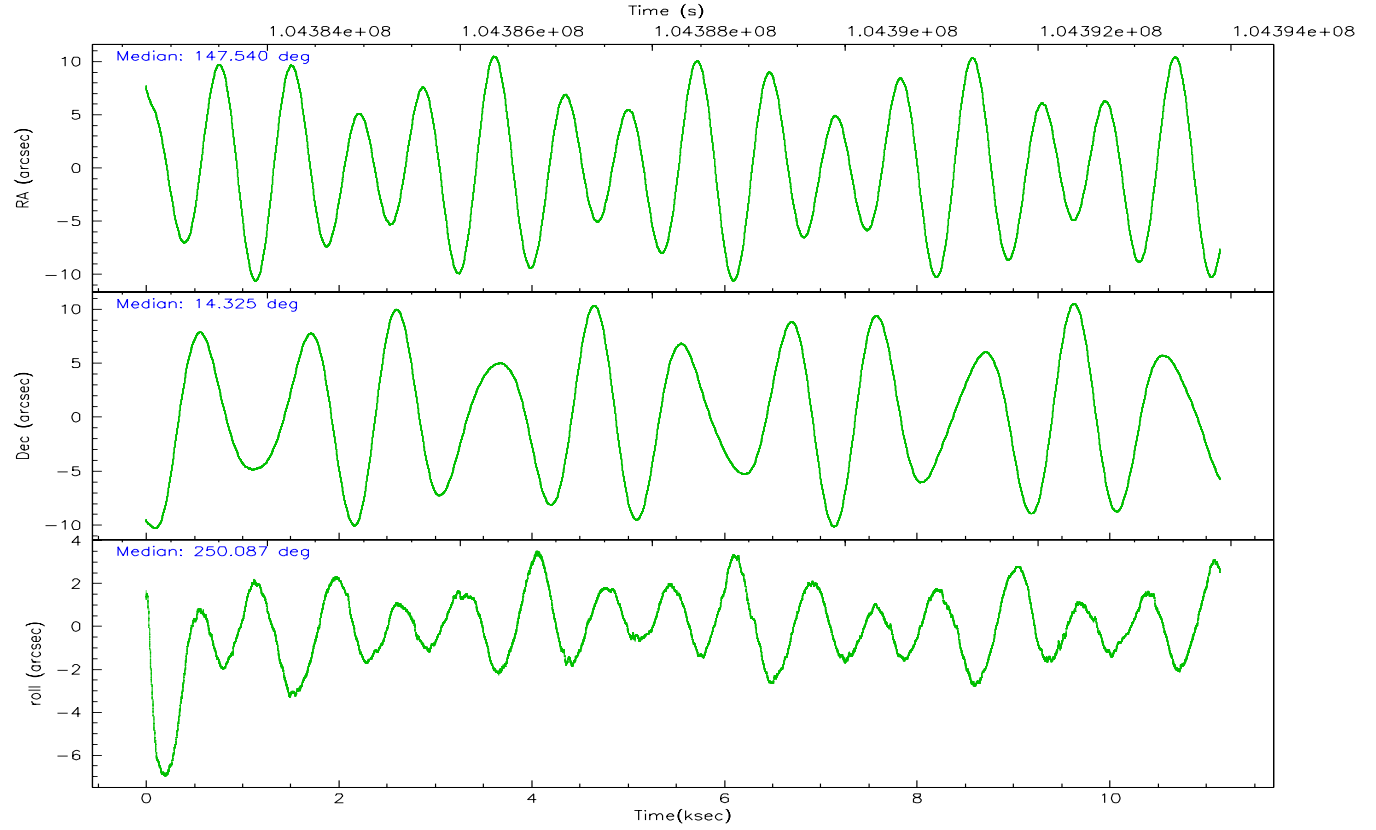
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3370	3312	4797	3238	2561	5696
	4%	5%	5%	4%	2%	6%
grade 1 events	25	35	73	30	40	51
	0%	0%	0%	0%	0%	0%
grade 2 events	1583	1541	13468	1618	8526	3847
	2%	2%	14%	2%	9%	4%
grade 3 events	736	733	1062	788	2043	1869
	1%	1%	1%	1%	2%	2%
grade 4 events	703	707	975	767	1902	1768
	1%	1%	1%	1%	2%	2%
grade 5 events	2349	2548	4599	2860	5604	3446
	3%	3%	4%	4%	6%	4%
grade 6 events	1303	1339	23327	1457	19828	4242
	1%	2%	24%	2%	22%	5%
grade 7 events	57354	55683	47079	57828	46045	63452
	85%	84%	49%	84%	53%	75%

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	147.534287	147.539498181902	Subarray requested	NONE	NONE
Pointing Dec	14.351731	14.3248714592703	Alternating exposures requested	N	N
Pointing Roll	249.937736	250.0930777131208	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	104383088.184000	104382047.66258			
Observation start date	2001-04-23T03:17:04	2001-04-23T03:00:47			
Observation end time	104393889.184000	104394204.16305			
Observation end date	2001-04-23T06:17:05	2001-04-23T06:23:24			
Read mode	TIMED	TIMED			

2.3 Aspect



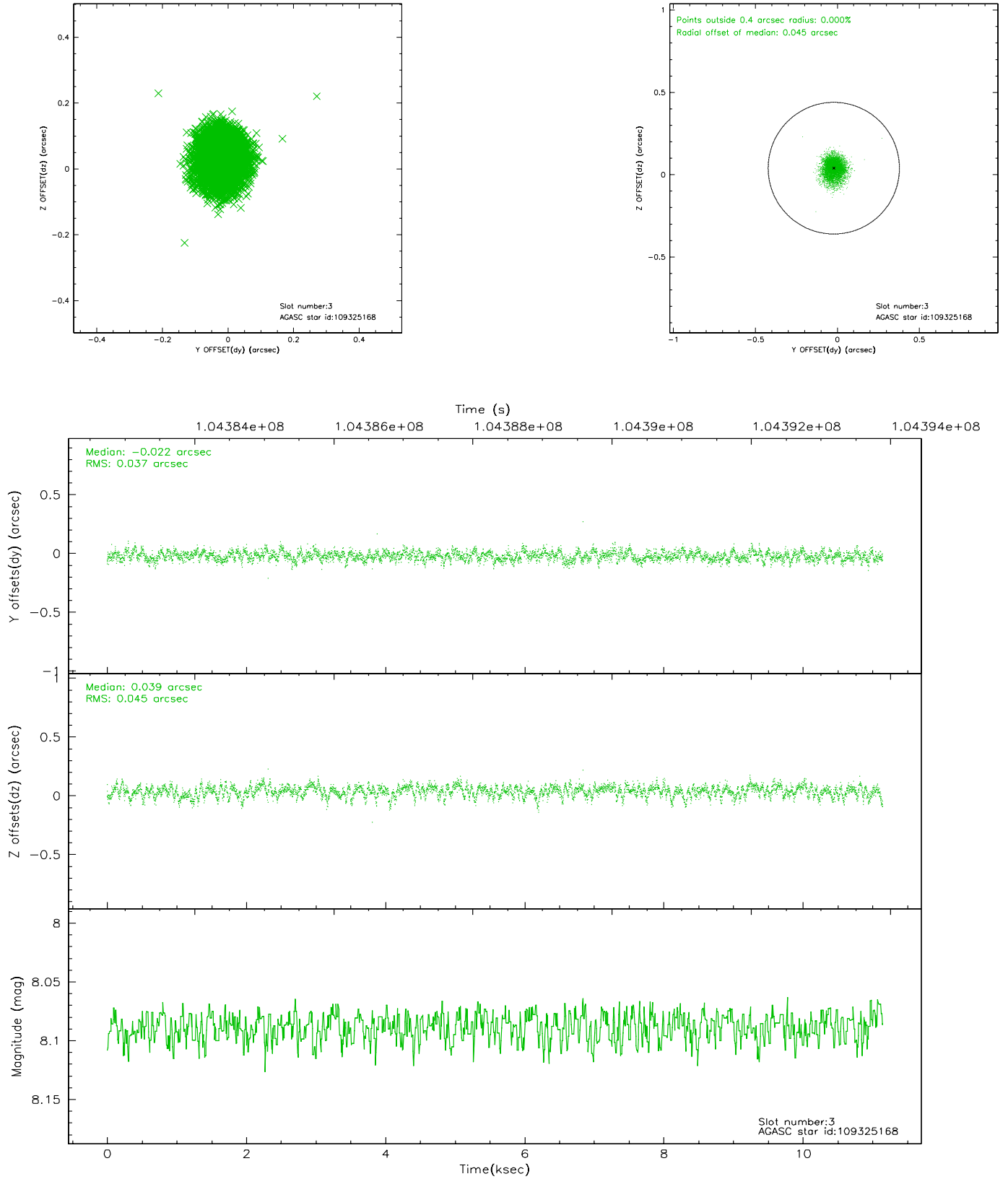


Slot Statistics

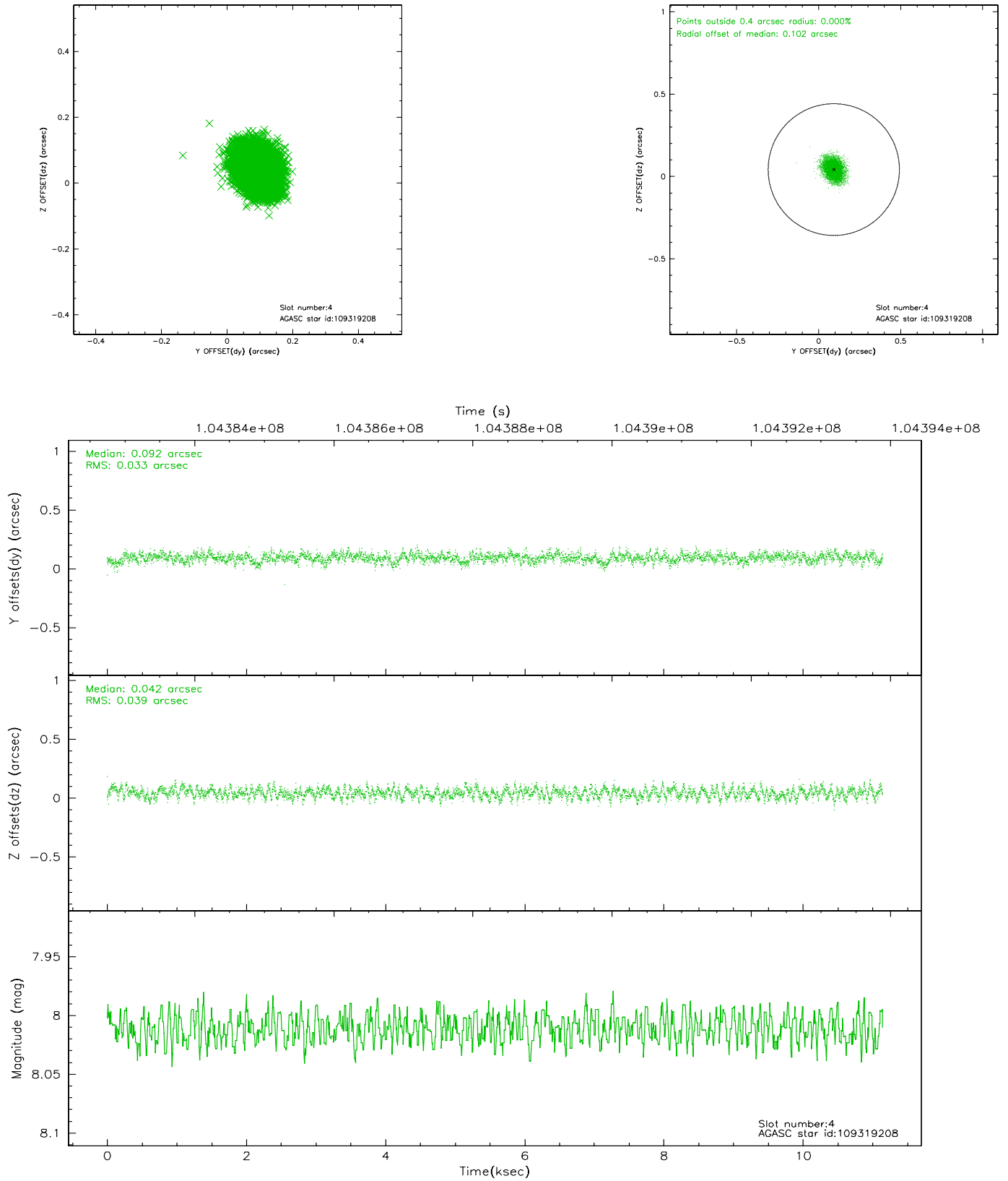
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	2719	-0.030	0.017	0.007	0.010	0.000000	0.000000	-754.93	-1726.63
1	FID	ACIS-S-4	7.20	2719	-0.064	0.010	0.005	0.008	0.000000	0.000000	2158.06	181.45
2	FID	ACIS-S-5	7.24	2719	0.063	-0.018	0.006	0.010	0.000000	0.000000	-1807.13	175.52
3	GUIDE	109325168	8.09	5438	-0.022	0.039	0.061	0.103	147.482941	14.562637	-650.63	-428.79
4	GUIDE	109319208	8.01	5437	0.092	0.042	0.055	0.088	147.710270	14.120752	571.10	862.04
5	GUIDE	109324784	8.61	5439	-0.101	-0.122	0.075	0.117	147.303028	14.957479	-1771.55	-1504.14
6	GUIDE	109455448	8.78	5439	-0.127	0.182	0.083	0.133	148.378447	14.717182	-2248.81	2307.31
7	GUIDE	109320368	9.05	5438	0.163	-0.141	0.085	0.136	146.751214	14.131748	1678.70	-2297.60

2.4 Star Slots

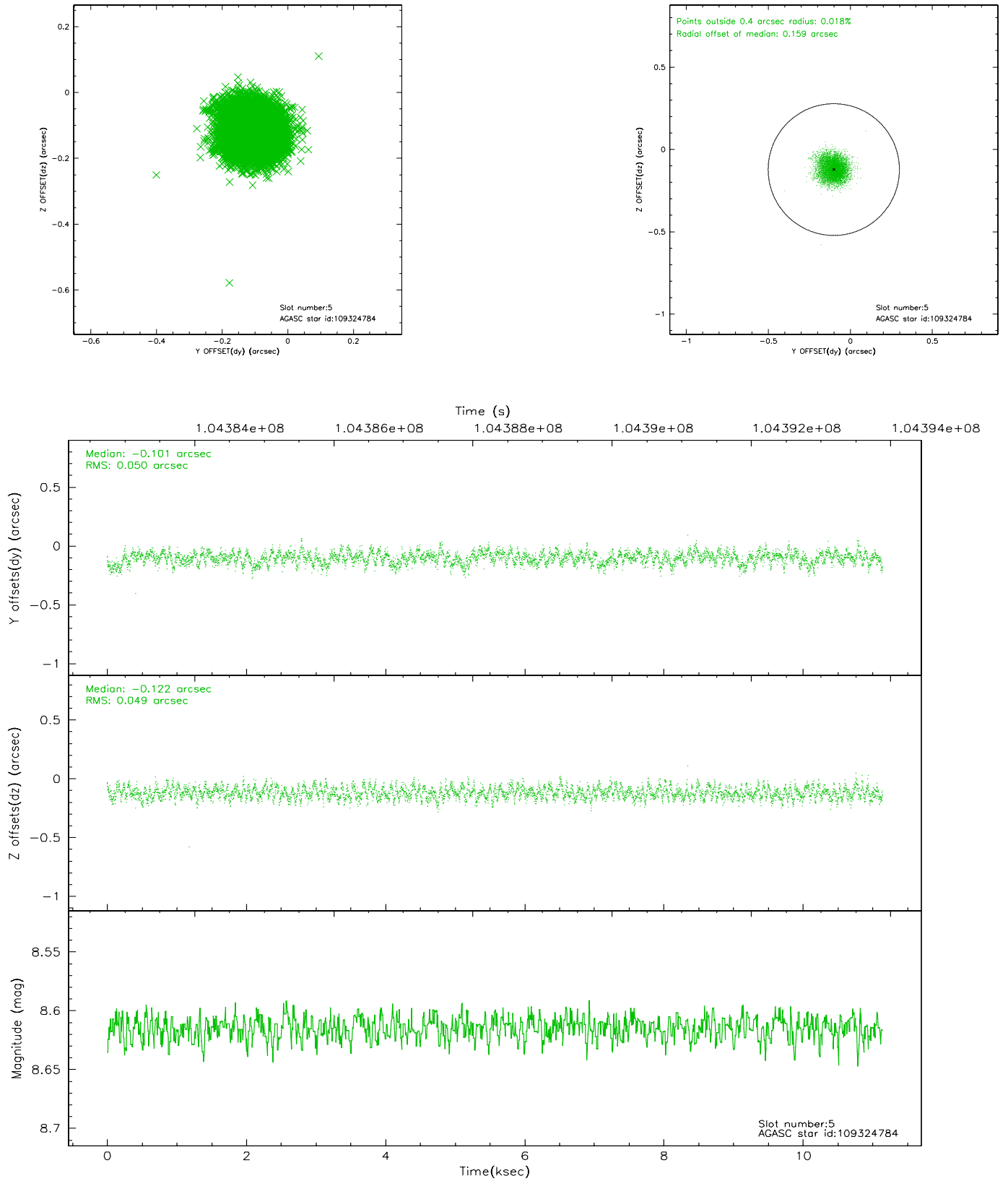
2.4.1 Slot 3



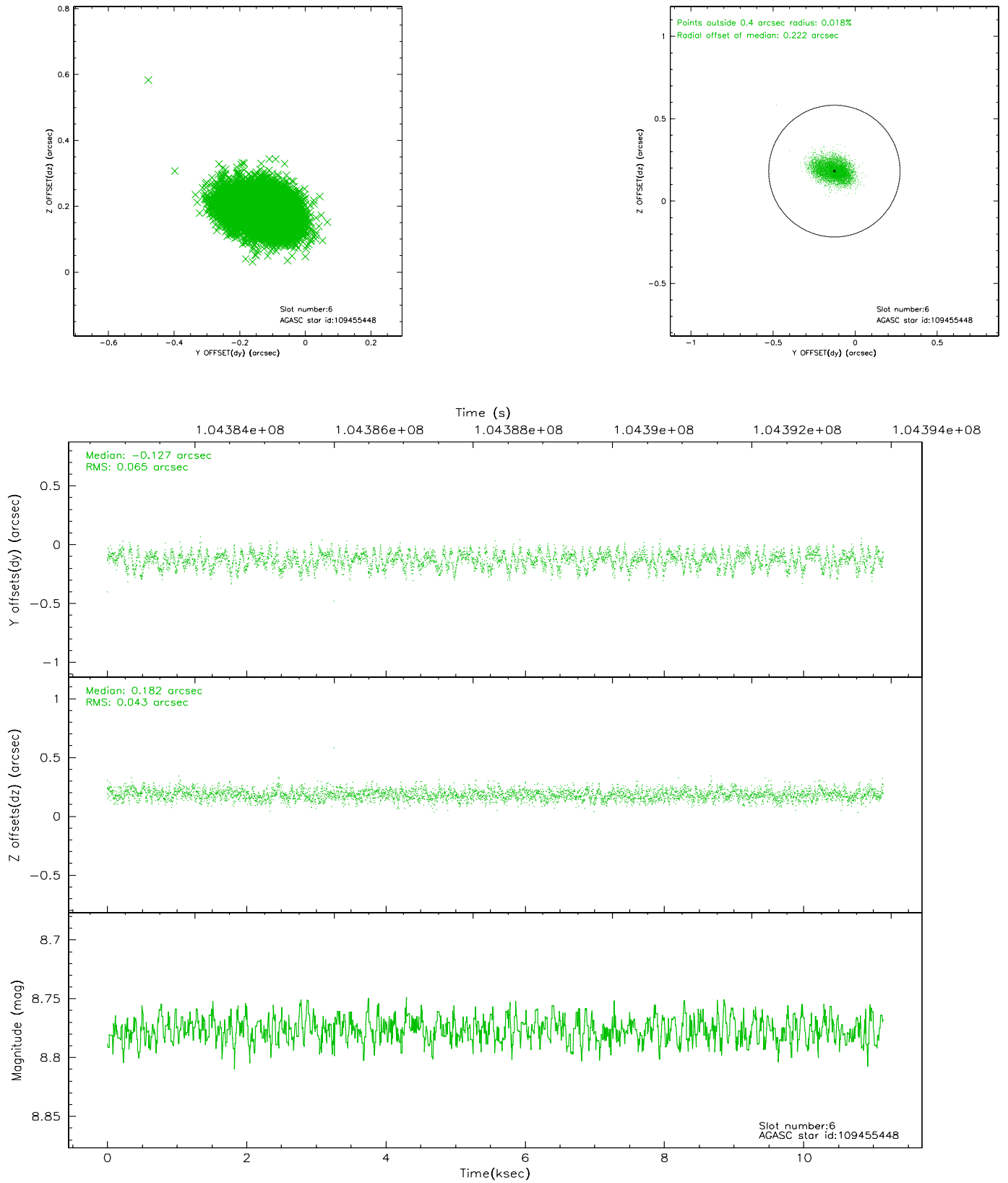
2.4.2 Slot 4



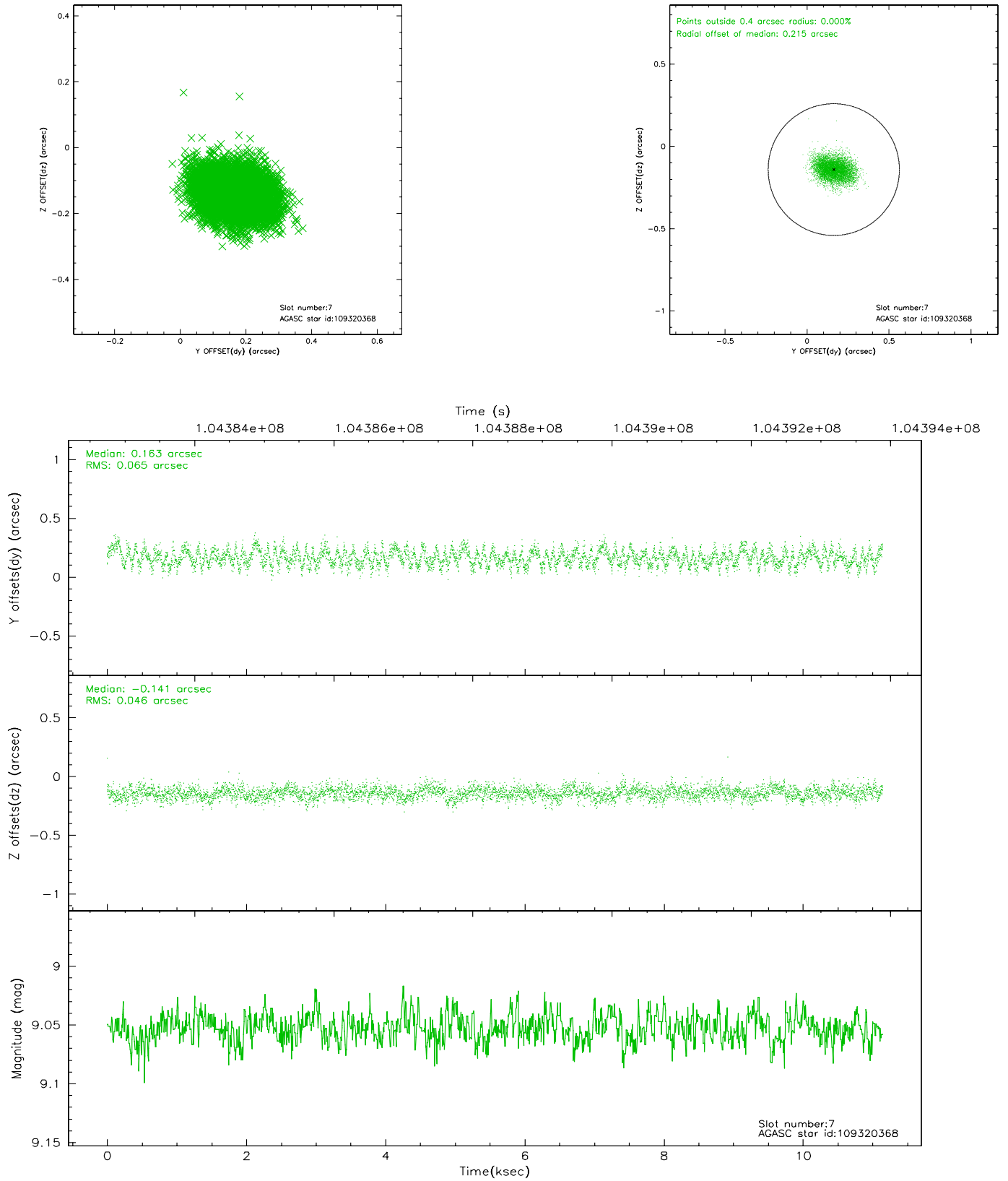
2.4.3 Slot 5



2.4.4 Slot 6

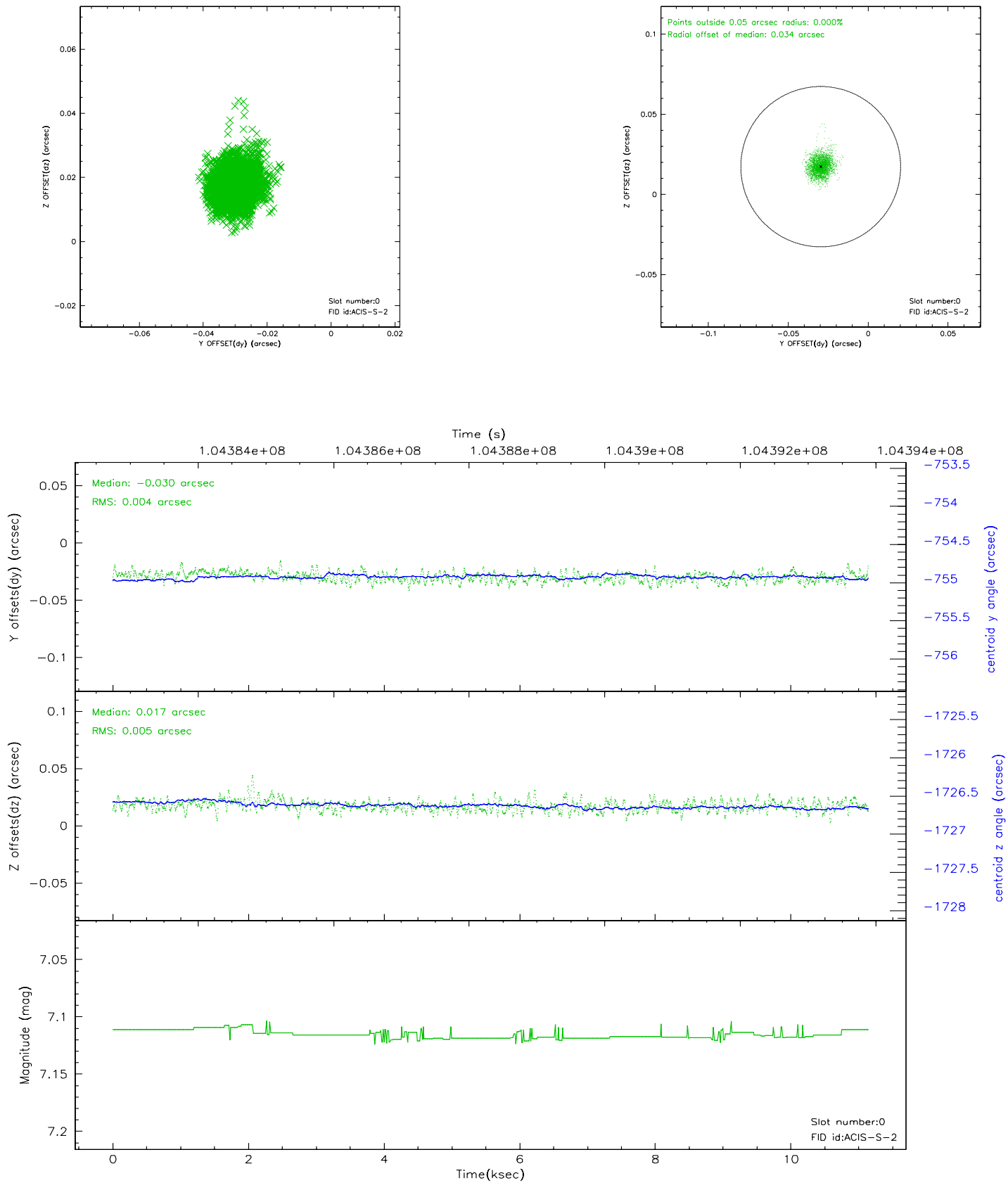


2.4.5 Slot 7

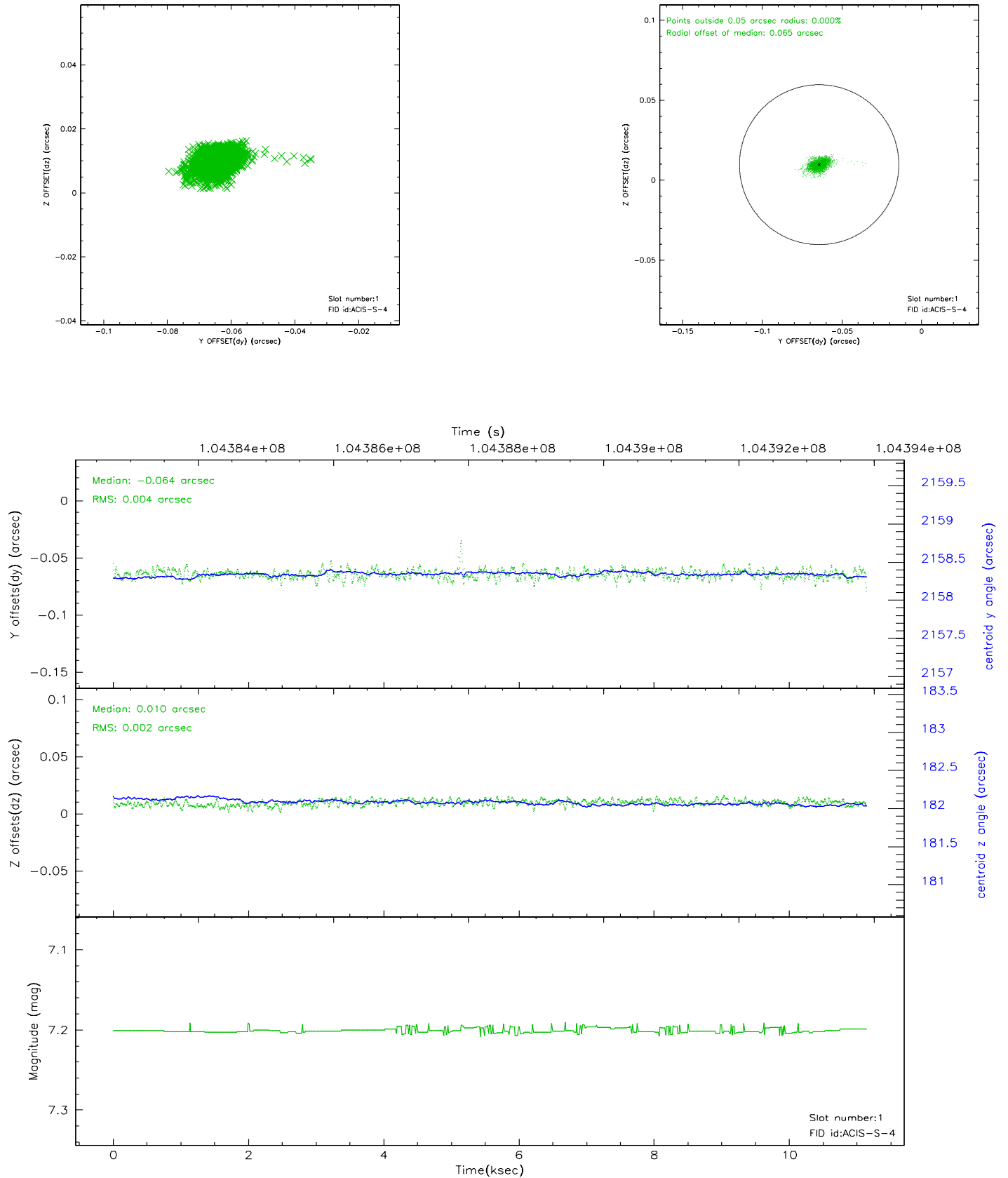


2.5 FID Slots

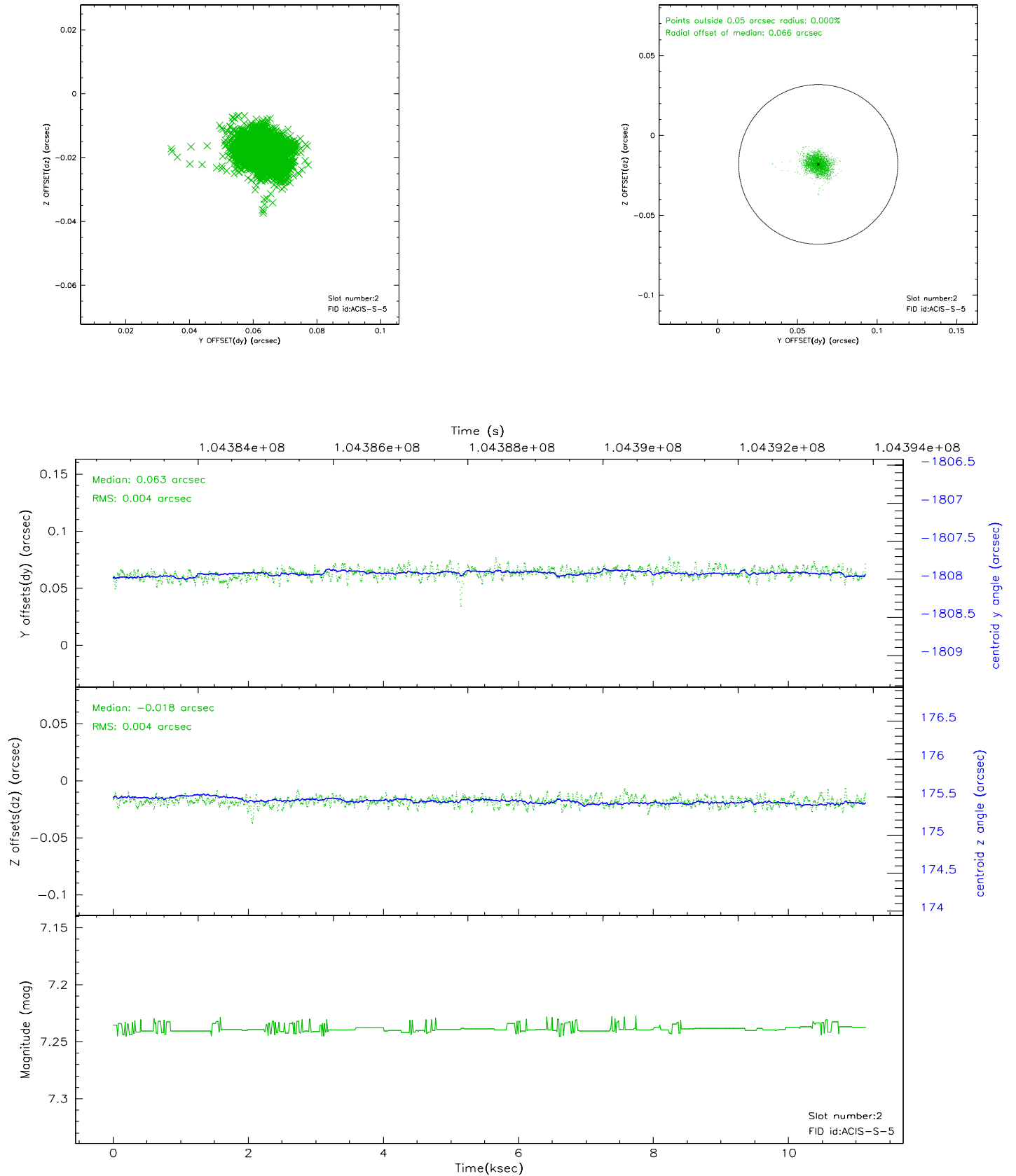
2.5.1 Slot 0



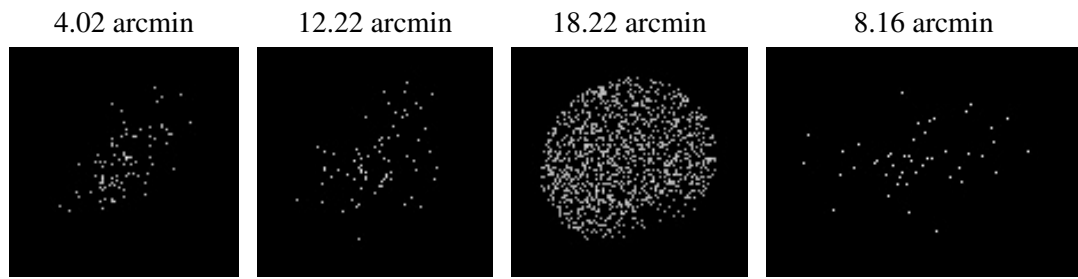
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.8

A.2 Comments