

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2202 - L2 Version 001
Chandra X-Ray Center

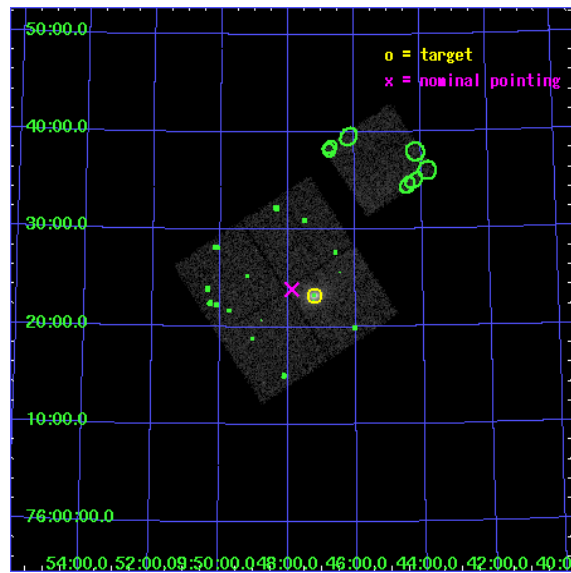
L2 Processing Date : Jun 12 2007

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1 Front

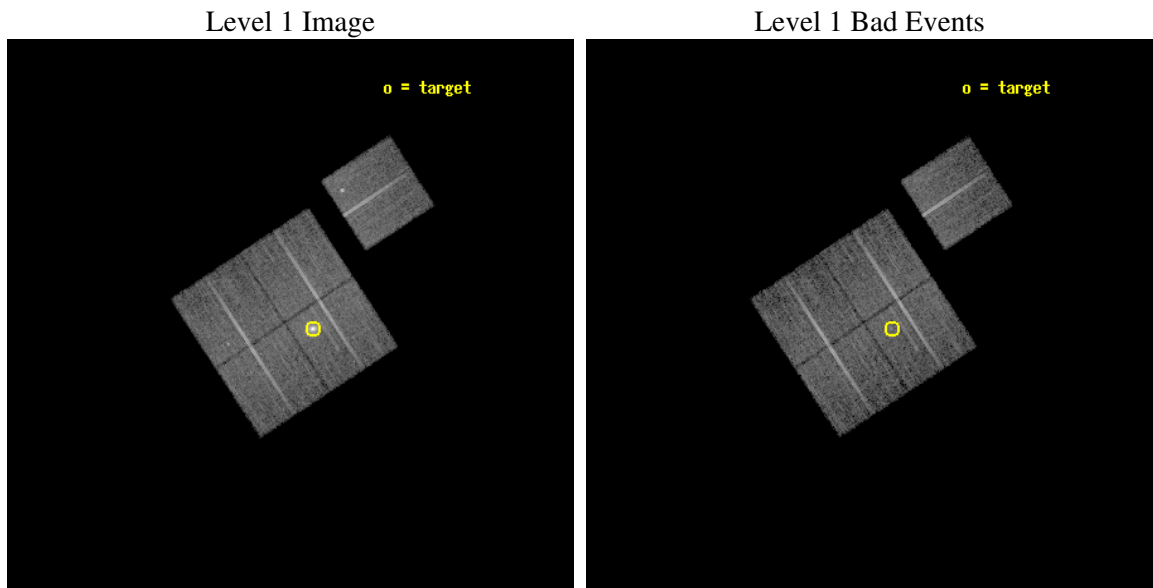
seq_num	800141
obs_id	2202
title	NEWLY DISCOVERED MASSIVE, MODERATE REDSHIFT X-RAY CLUSTERS OF GALAXIES
observer	Prof. Sabine Schindler
object	RBS797
dtcycle	0
cycle	P
ra_targ	146.805
dec_targ	76.388056
ra_nom	146.969303659
dec_nom	76.397965128853
roll_nom	56.816771034913
revision	2
ontime	11900.899977118
livetime	11745.405957602
ontime0	11900.899977118
ontime1	11900.899977118
ontime2	11894.618036732
ontime3	11900.899977118
ontime6	11897.759016886
l2events	47999



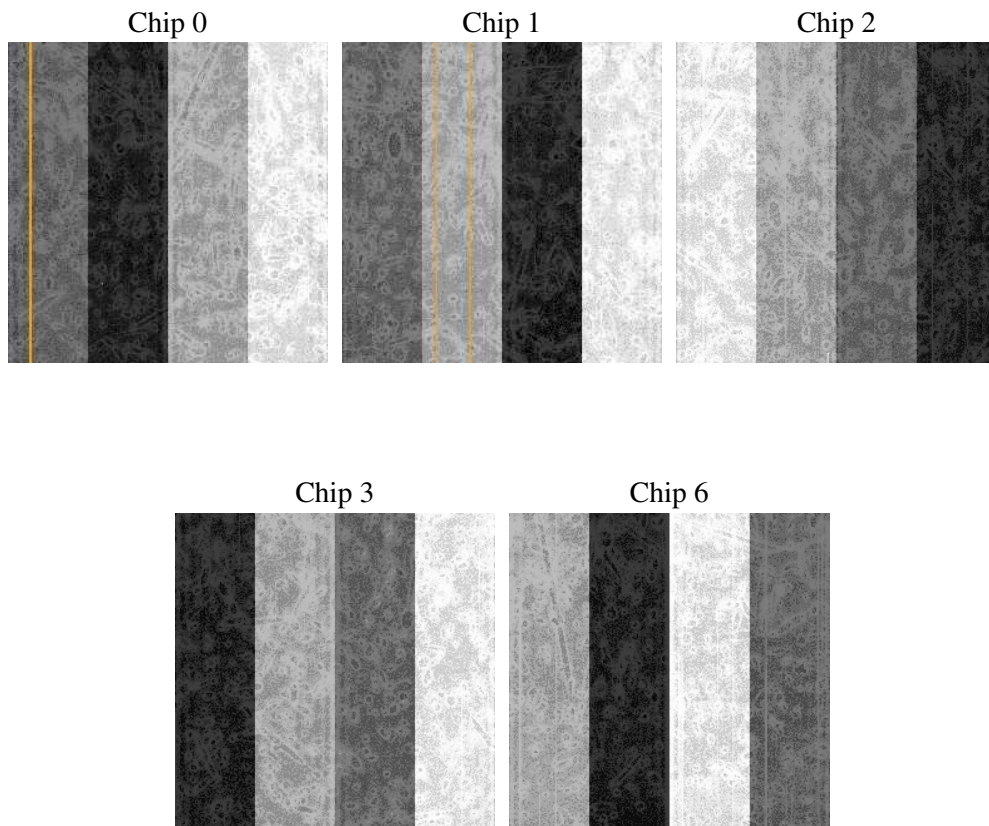
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-12T12:42:00
revision	2

sched_exp_time	11793.749000
ontime	11900.899977118
ontime0	11900.899977118
ontime1	11900.899977118
ontime2	11894.618036732
ontime3	11900.899977118
ontime6	11897.759016886
l1events	383390

2.1.4 Events

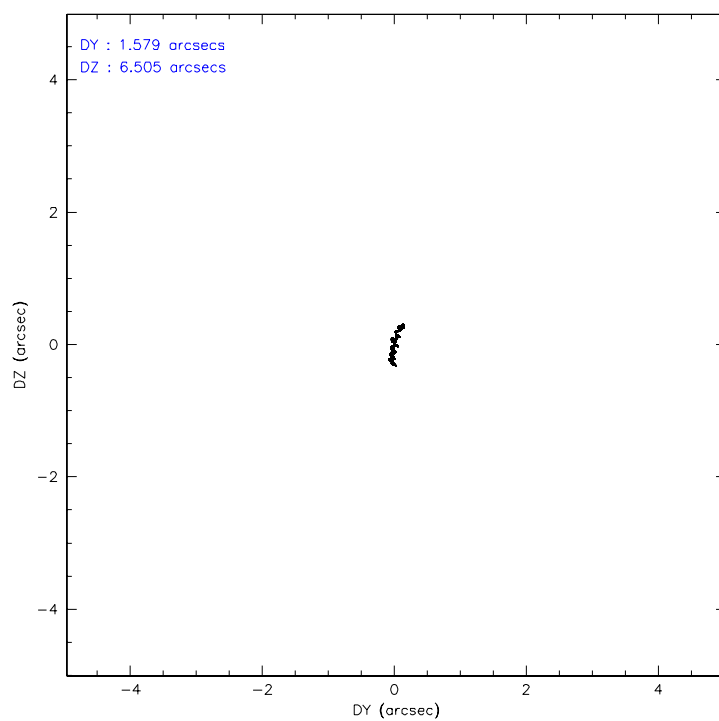
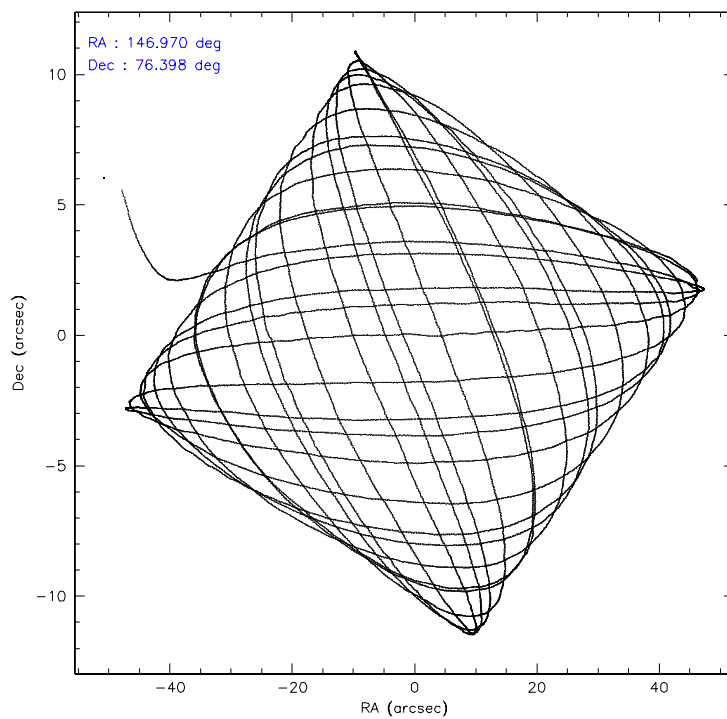
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	71666	71946	76193	87179	76406
rejected events	62629	62719	67747	67838	66741
rejected %	87%	87%	88%	77%	87%

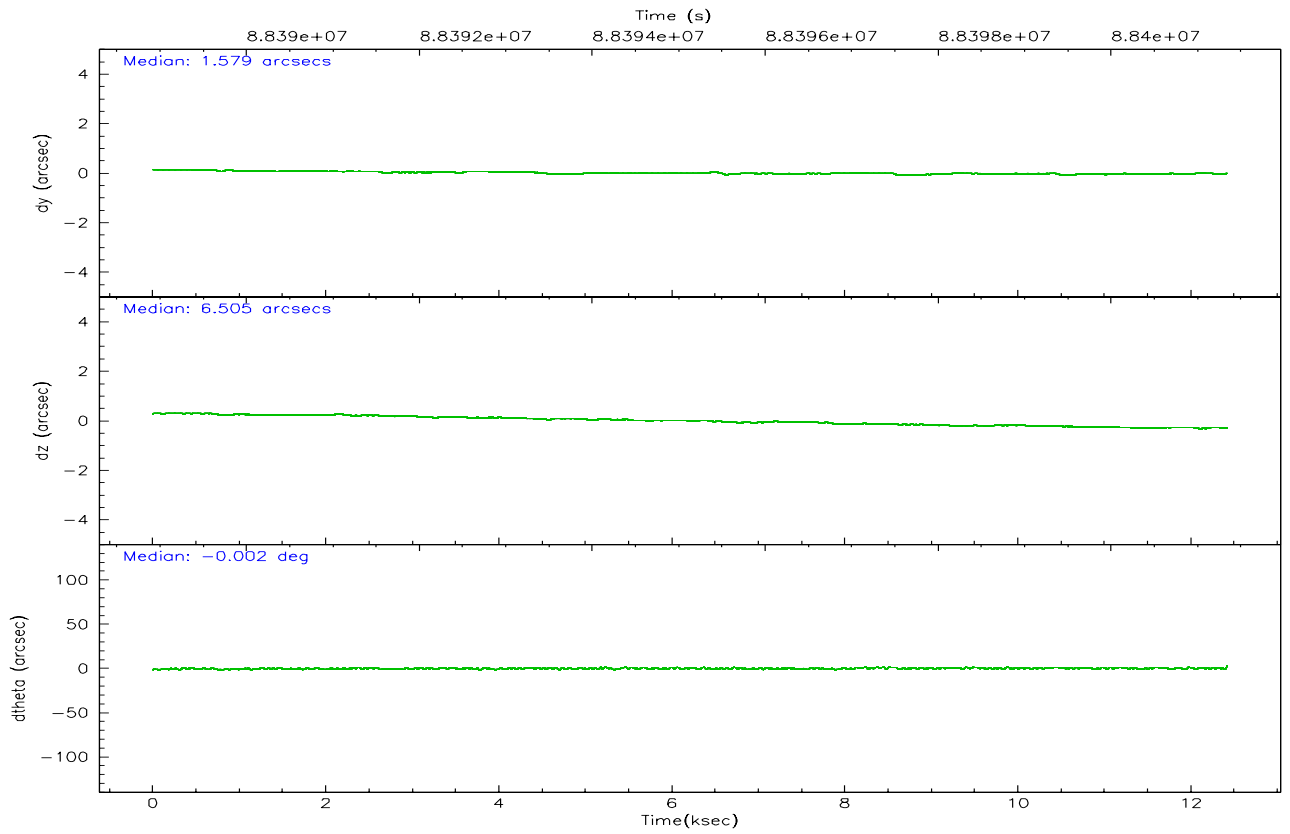
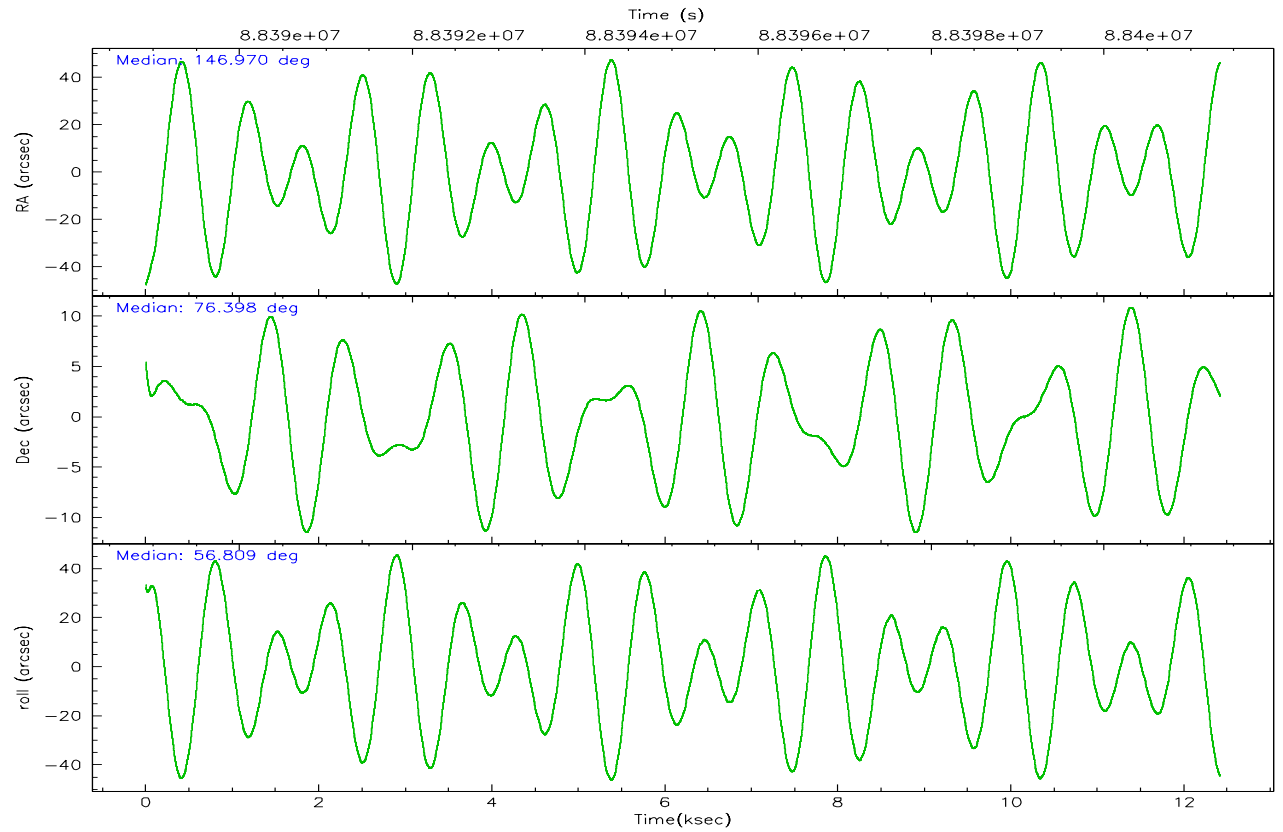
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4004	3909	3661	12452	4555
	5%	5%	4%	14%	5%
grade 1 events	45	35	32	95	45
	0%	0%	0%	0%	0%
grade 2 events	1791	1797	1681	2788	1664
	2%	2%	2%	3%	2%
grade 3 events	913	986	861	1122	880
	1%	1%	1%	1%	1%
grade 4 events	860	898	803	1194	879
	1%	1%	1%	1%	1%
grade 5 events	2607	2884	2466	2919	3050
	3%	4%	3%	3%	3%
grade 6 events	1470	1640	1443	1795	1692
	2%	2%	1%	2%	2%
grade 7 events	59976	59797	65246	64814	63641
	83%	83%	85%	74%	83%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	146.962527	146.9693036590036	Subarray requested	NONE	NONE
Pointing Dec	76.370426	76.39796512885329	Alternating exposures requested	N	N
Pointing Roll	56.614677	56.81677103491311	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	88389549.184000	88388367.298601			
Observation start date	2000-10-20T00:38:05	2000-10-20T00:19:27			
Observation end time	88401343.184000	88401656.93660399			
Observation end date	2000-10-20T03:54:39	2000-10-20T04:00:56			
Read mode	TIMED	TIMED			

2.3 Aspect



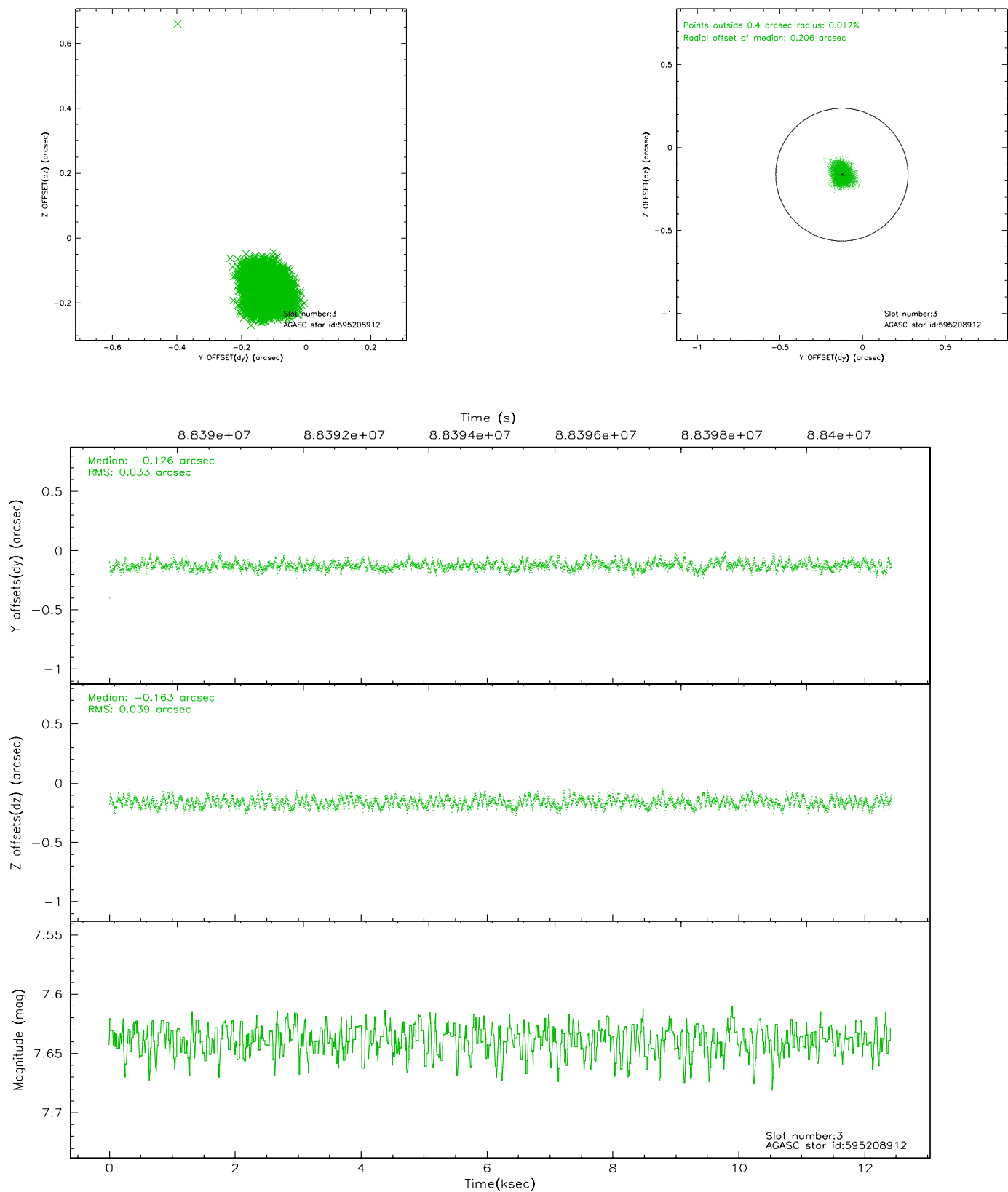


Slot Statistics

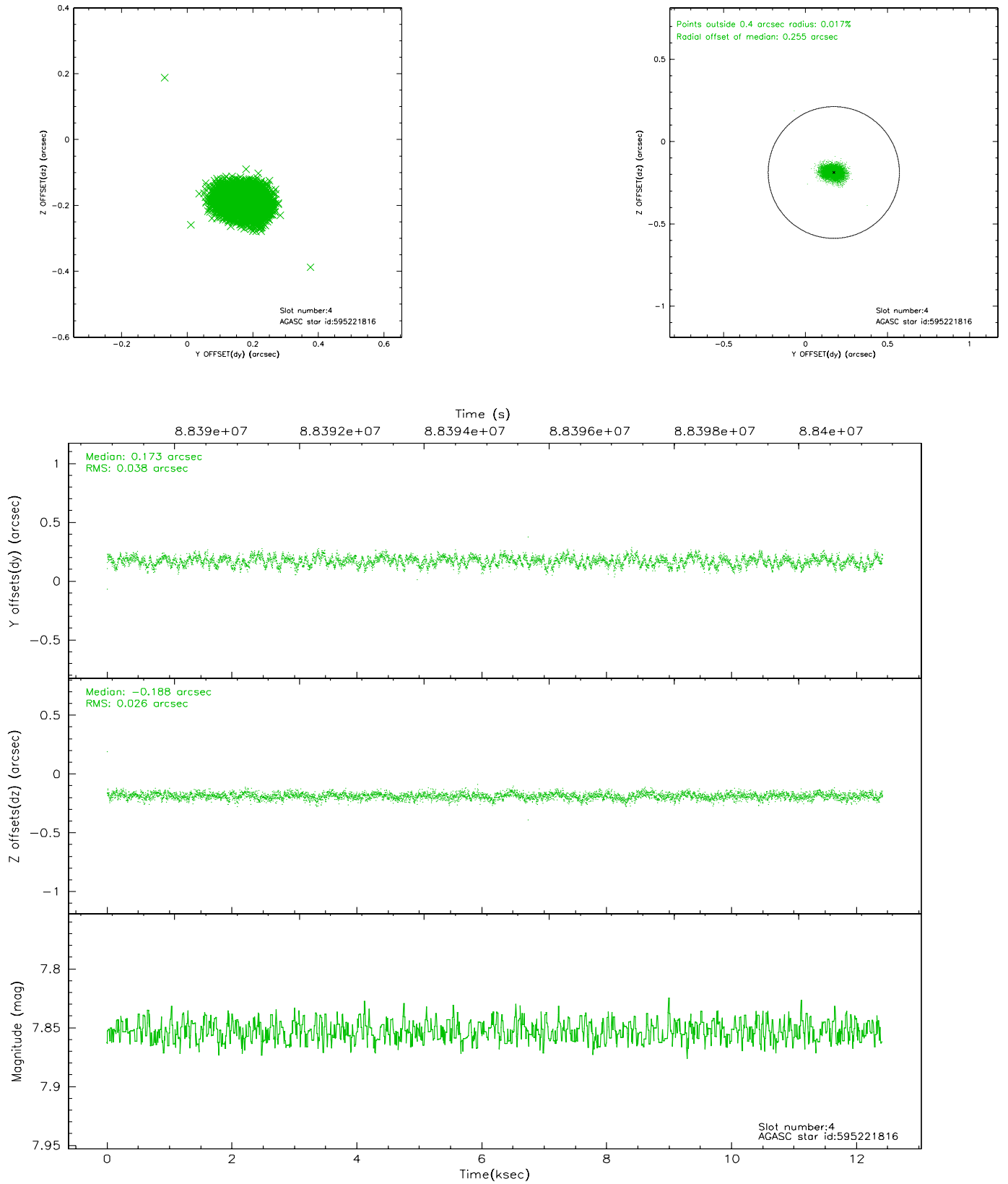
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	3029	-0.031	-0.043	0.008	0.014	0.000000	0.000000	-755.96	-836.29
1	FID	ACIS-I-4	7.18	3029	-0.083	0.037	0.006	0.010	0.000000	0.000000	2157.86	1069.78
2	FID	ACIS-I-5	7.23	3029	0.013	0.074	0.008	0.014	0.000000	0.000000	-1809.24	1068.10
3	GUIDE	595208912	7.64	6059	-0.126	-0.163	0.055	0.085	145.946535	77.221889	2118.70	2366.51
4	GUIDE	595221816	7.85	6059	0.173	-0.188	0.049	0.080	144.509411	76.162803	-1750.14	1376.28
5	GUIDE	595350280	7.85	6055	-0.163	0.164	0.051	0.085	149.467060	76.612978	1913.09	-1236.74
6	GUIDE	595201472	8.78	6059	0.153	0.081	0.063	0.105	145.984926	75.896091	-1892.41	-219.73
7	GUIDE	595338784	8.98	6057	-0.035	0.107	0.067	0.110	149.121836	76.143884	370.39	-1983.70

2.4 Star Slots

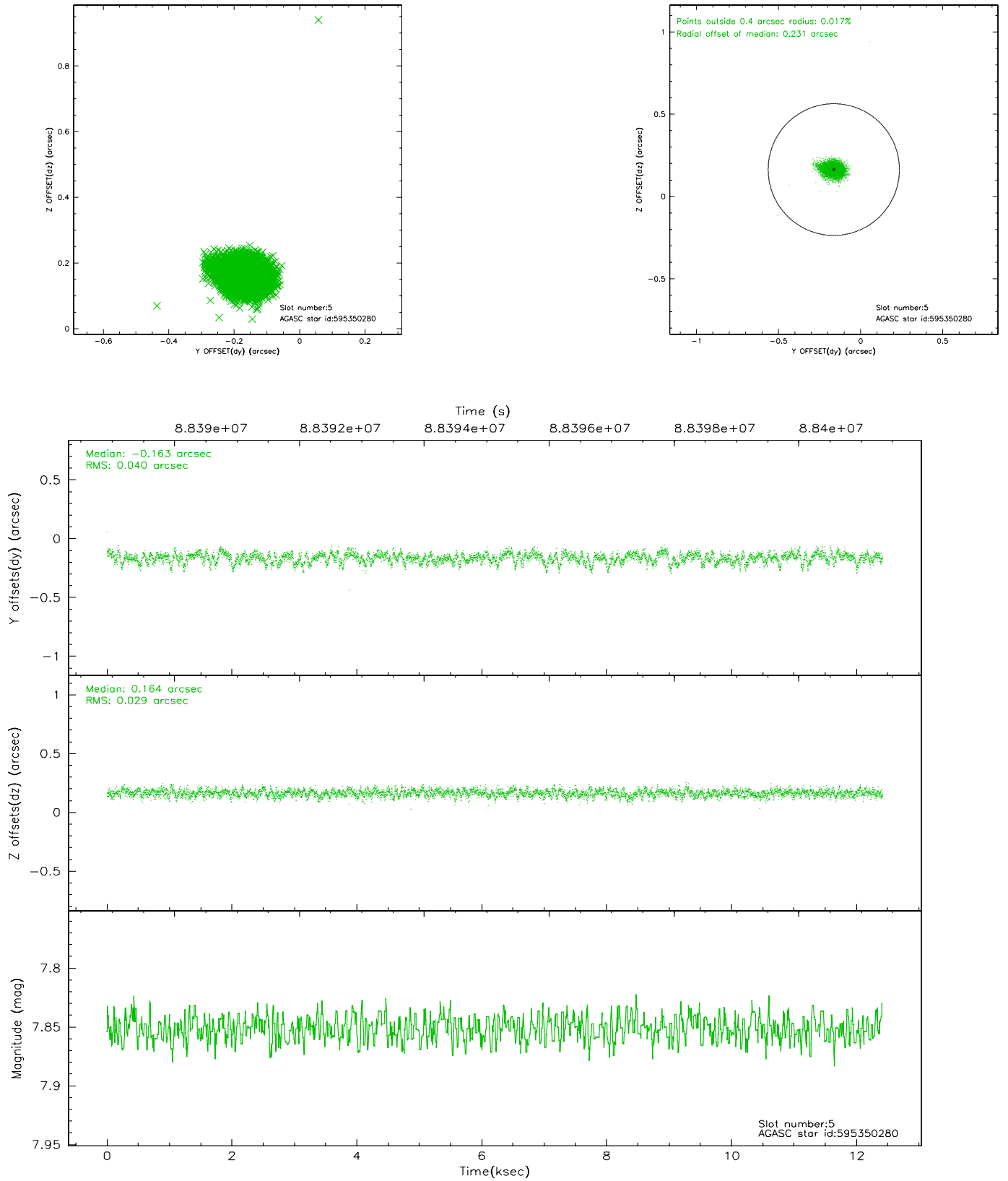
2.4.1 Slot 3



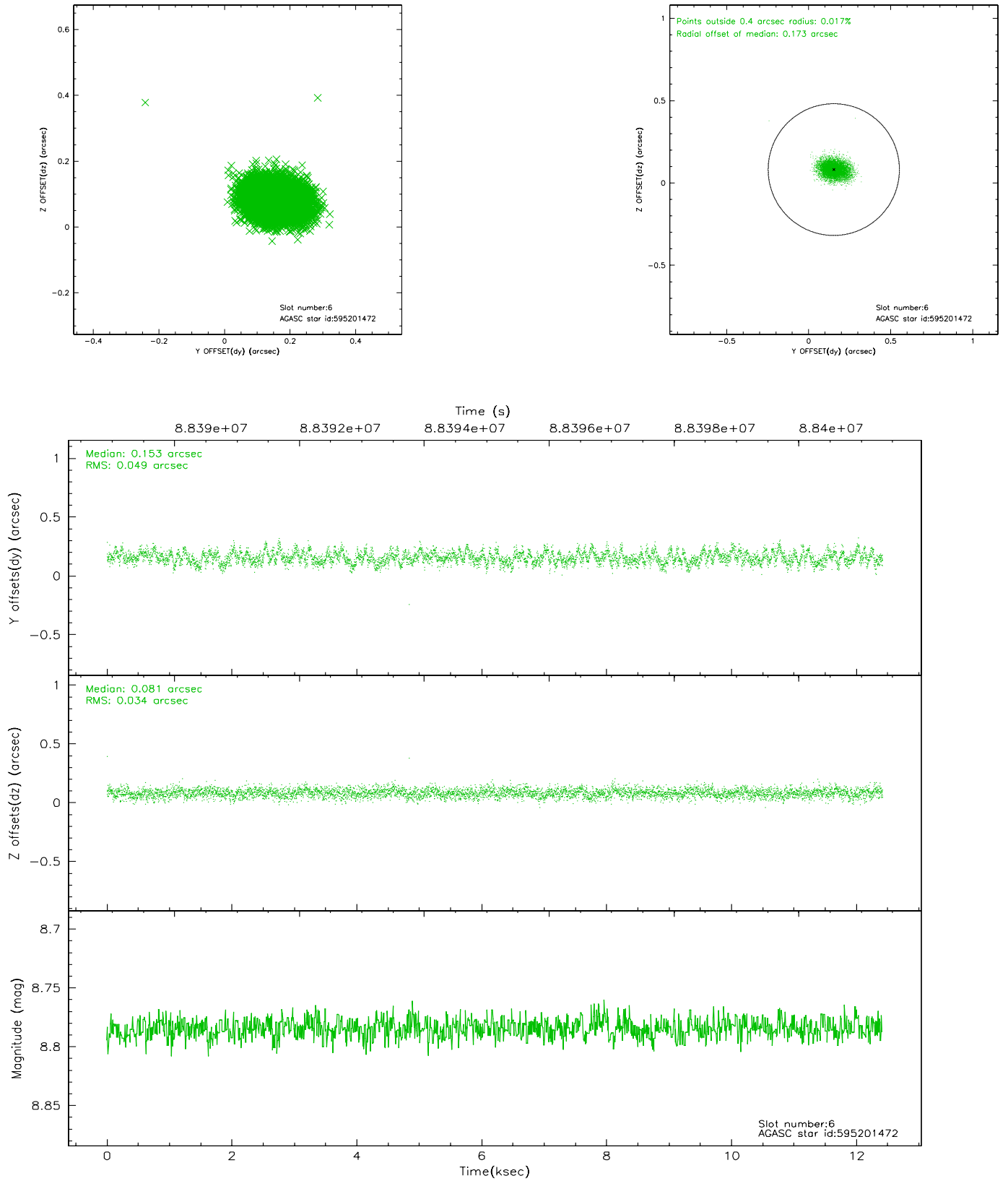
2.4.2 Slot 4



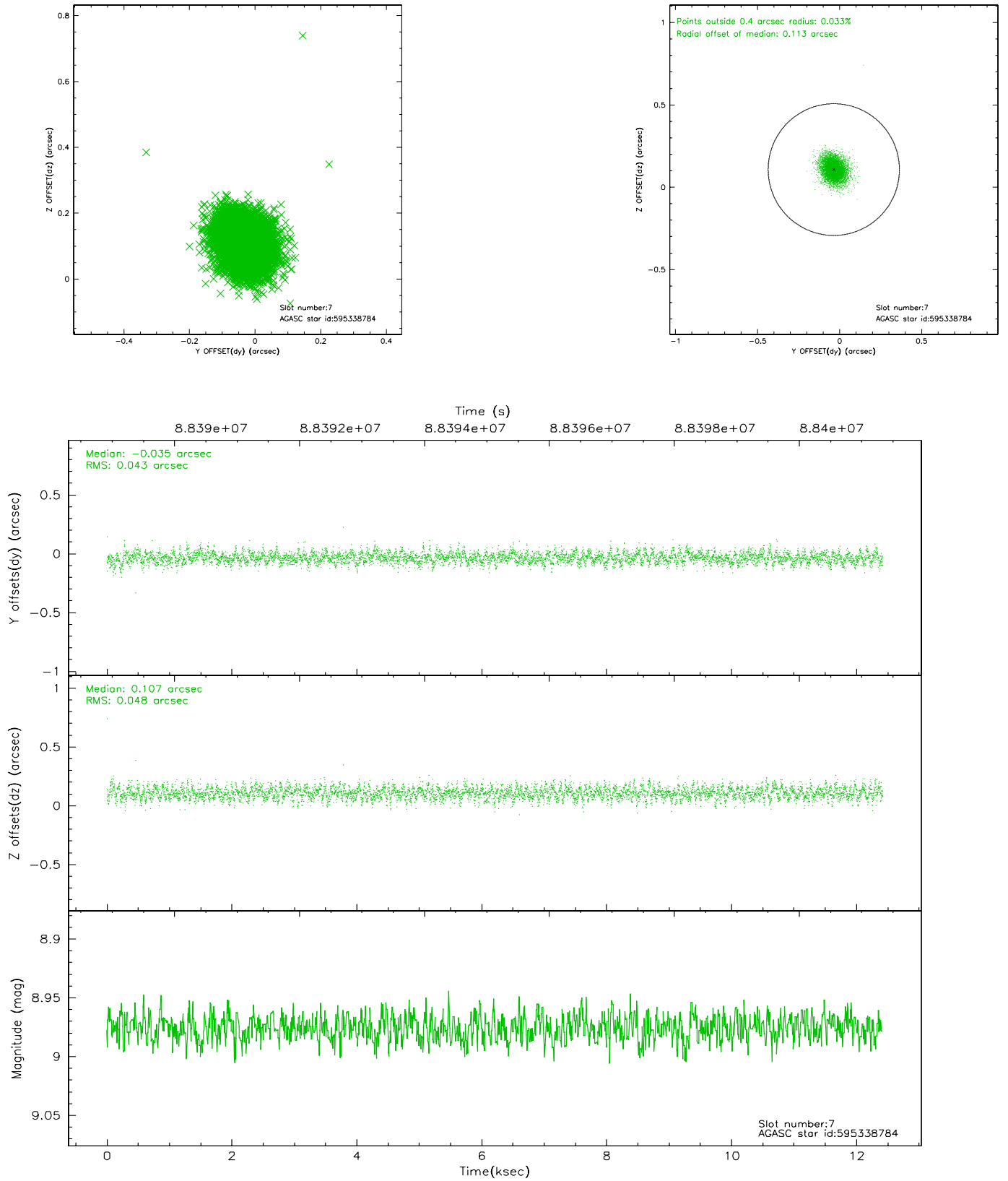
2.4.3 Slot 5



2.4.4 Slot 6

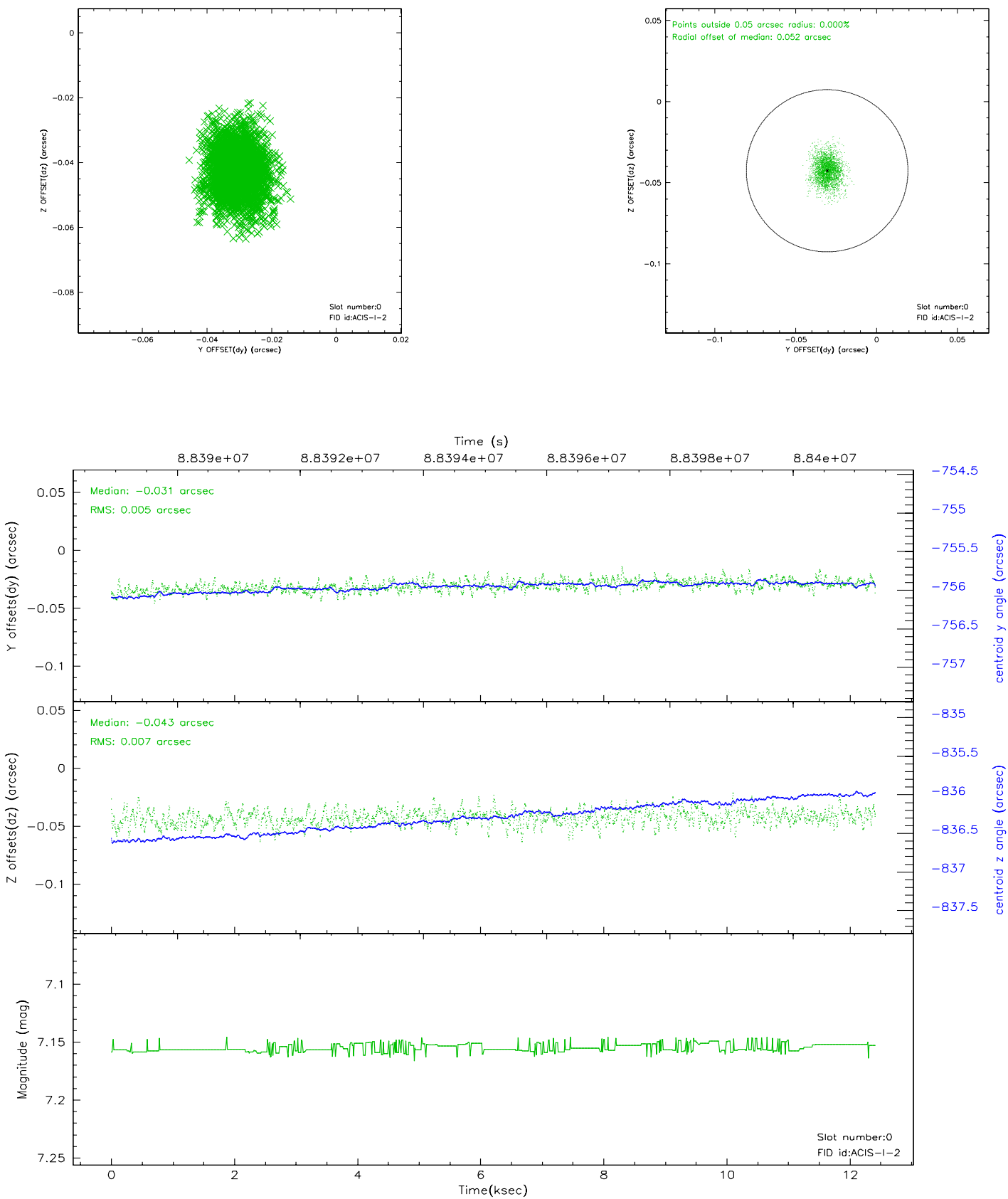


2.4.5 Slot 7

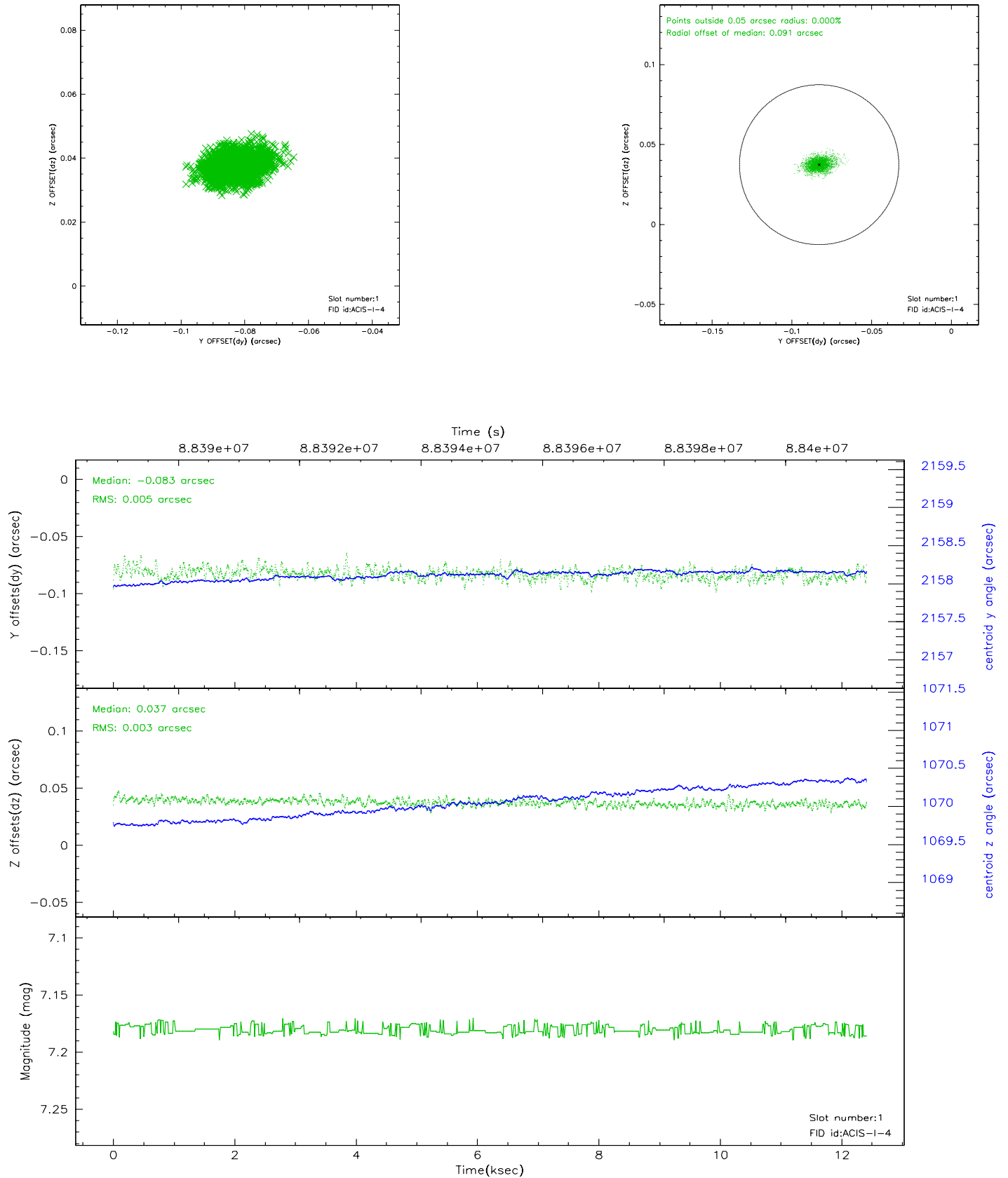


2.5 FID Slots

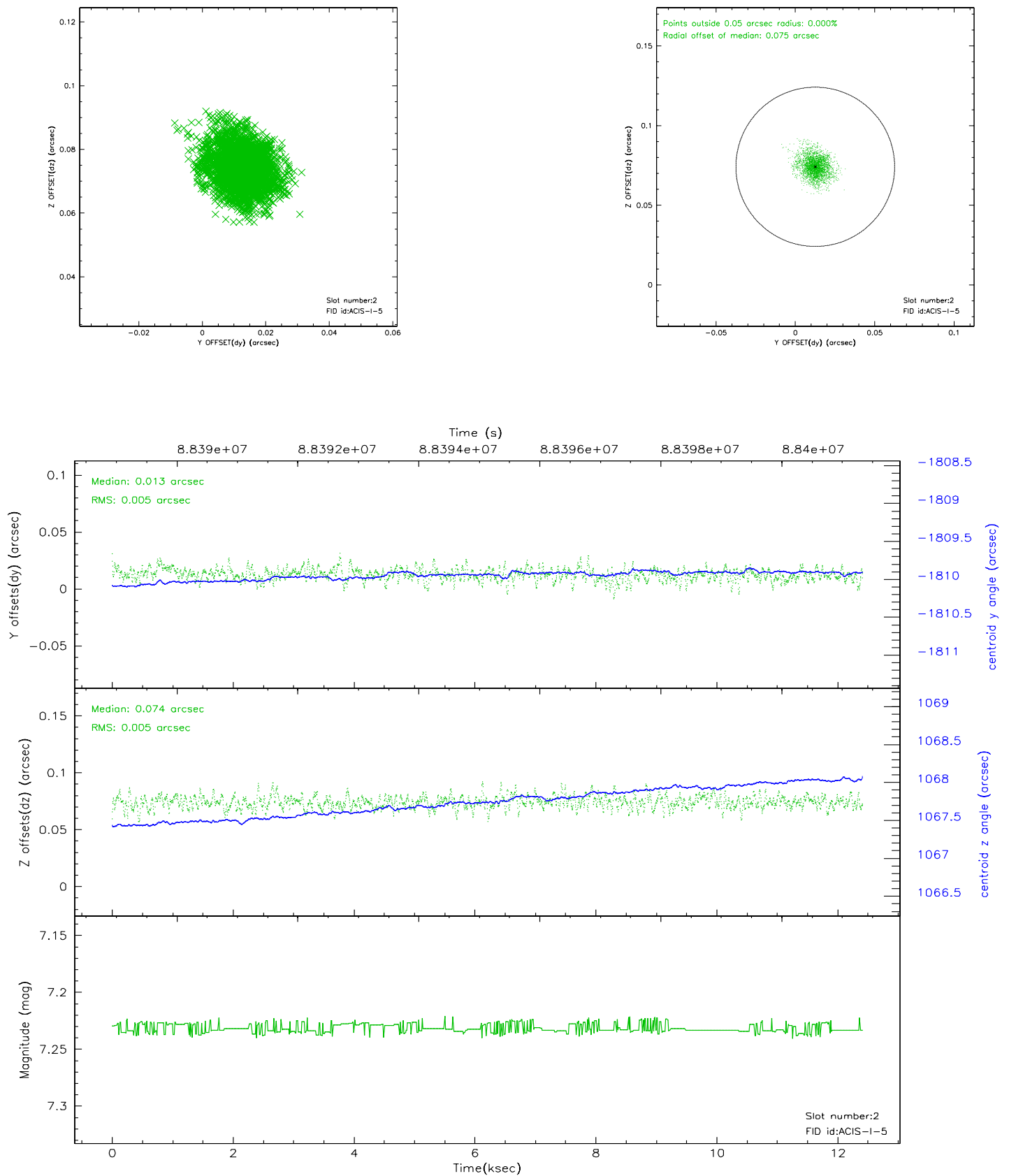
2.5.1 Slot 0



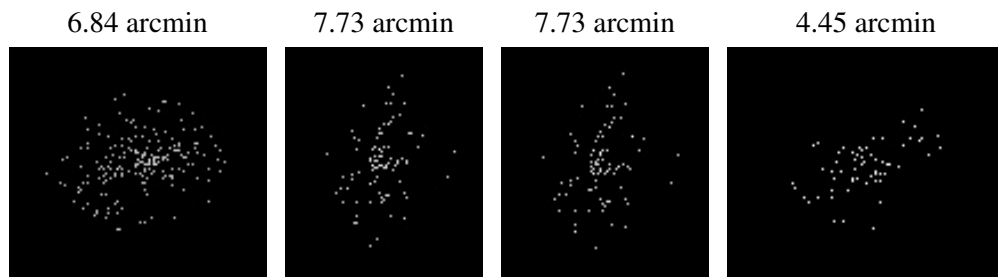
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.904

A.2 Comments