

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2285 - L2 Version 001
Chandra X-Ray Center

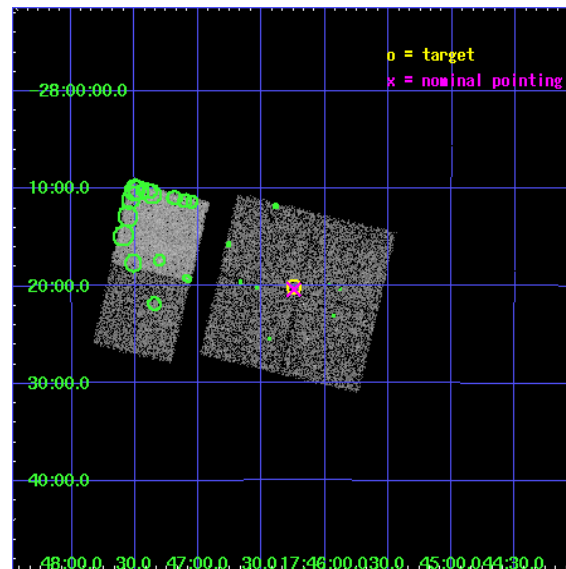
L2 Processing Date : Dec 14 2006

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1 Front

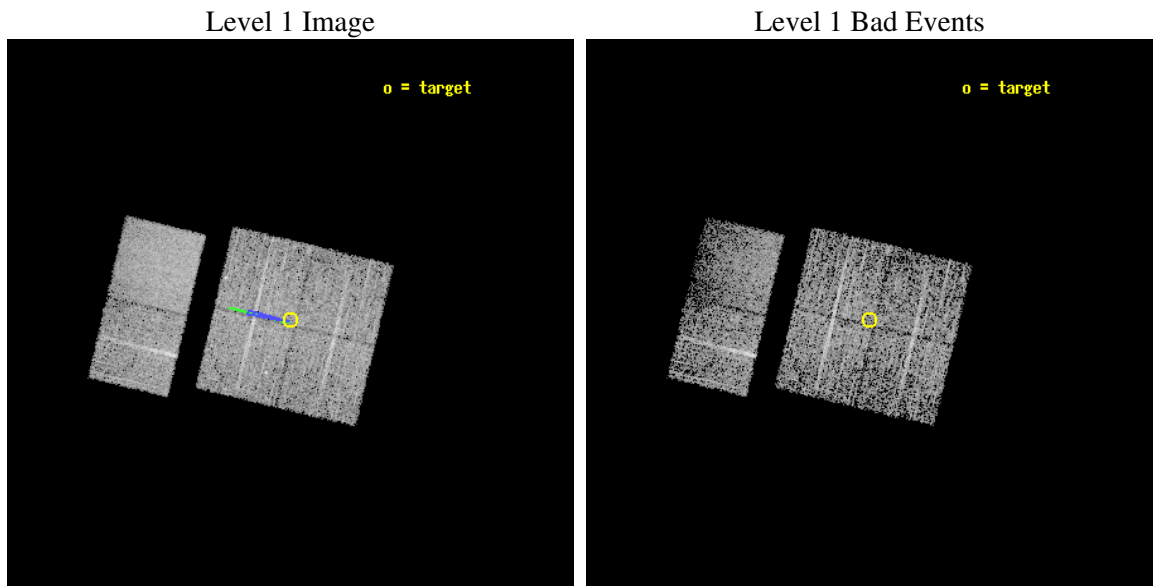
seq_num	900112
obs_id	2285
title	CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER
observer	Prof. Q. Daniel Wang
object	GCS 6
dtcycle	0
cycle	P
ra_targ	266.5622
dec_targ	-28.3352
ra_nom	266.56136105137
dec_nom	-28.339858210791
roll_nom	283.40729567466
revision	2
ontime	10540.800009817
livetime	10407.326053185
ontime0	10540.800009817
ontime1	10540.800009817
ontime2	10540.800009817
ontime3	10540.800009817
ontime6	10540.800009817
ontime7	10540.800009817
l2events	43011



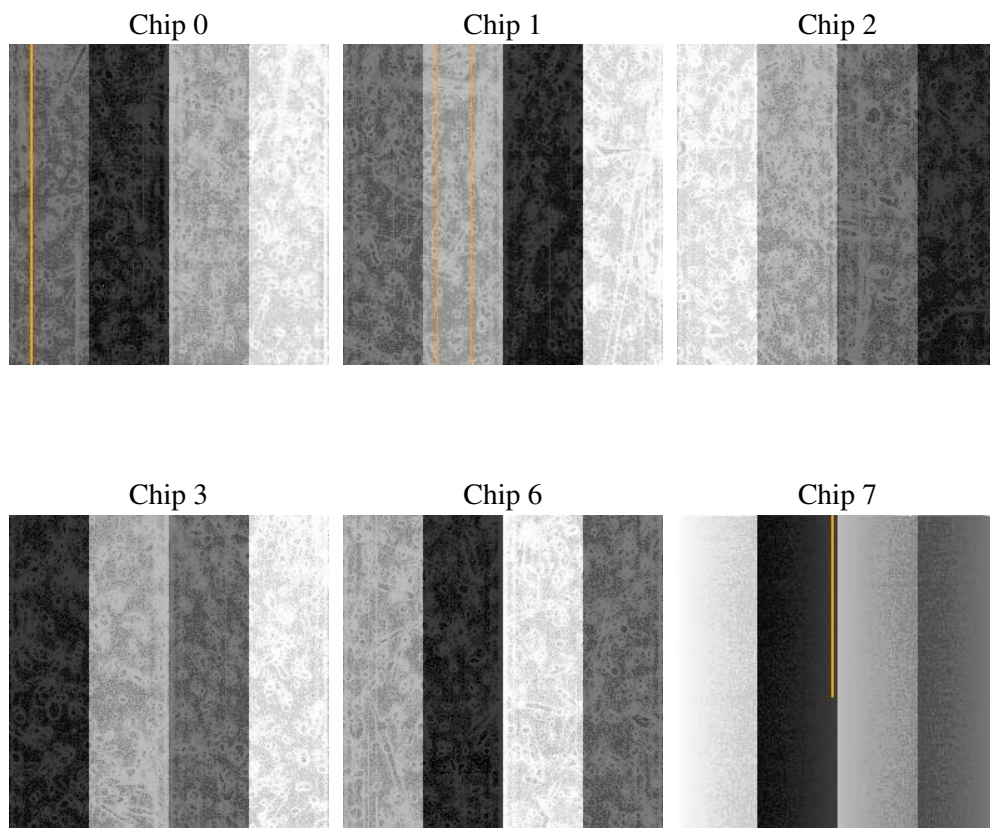
2 OBI

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	2006-12-14T11:12:29
revision	2

sched_exp_time	10782.823000
ontime	10546.234932378
ontime0	10546.234932378
ontime1	10546.234932378
ontime2	10546.234932378
ontime3	10546.234932378
ontime6	10546.234932378
ontime7	10546.234962299
l1events	175068

2.1.4 Events

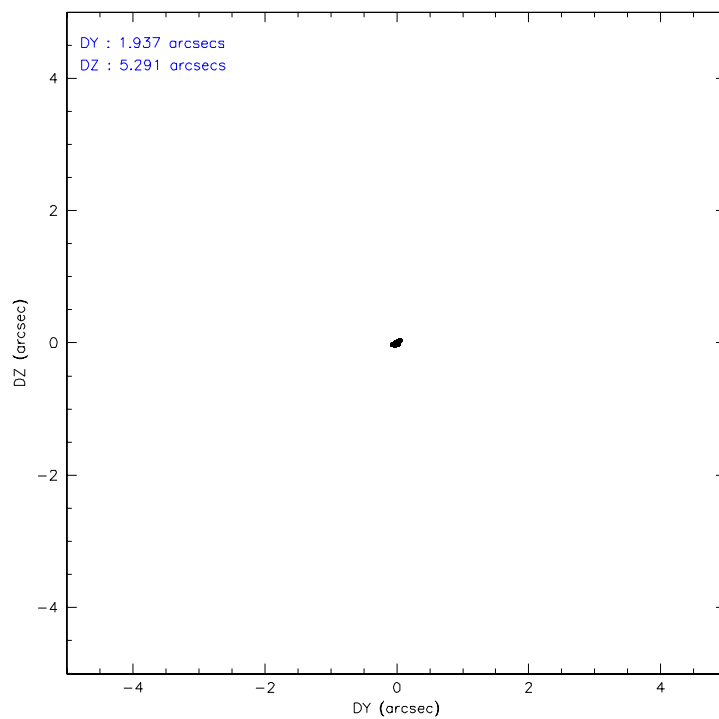
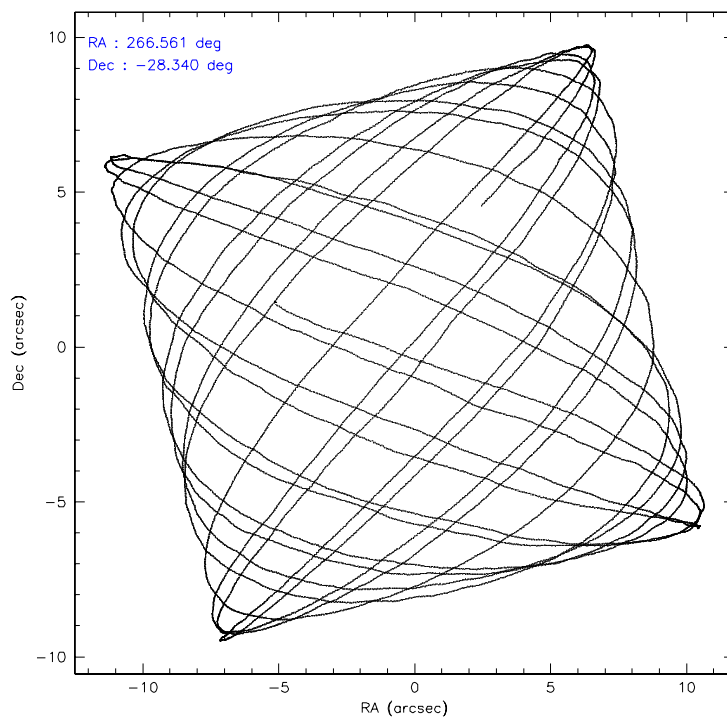
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	26695	26446	29576	28892	28318	35141
rejected events	21035	20488	23949	23282	22890	17391
rejected %	78%	77%	80%	80%	80%	49%

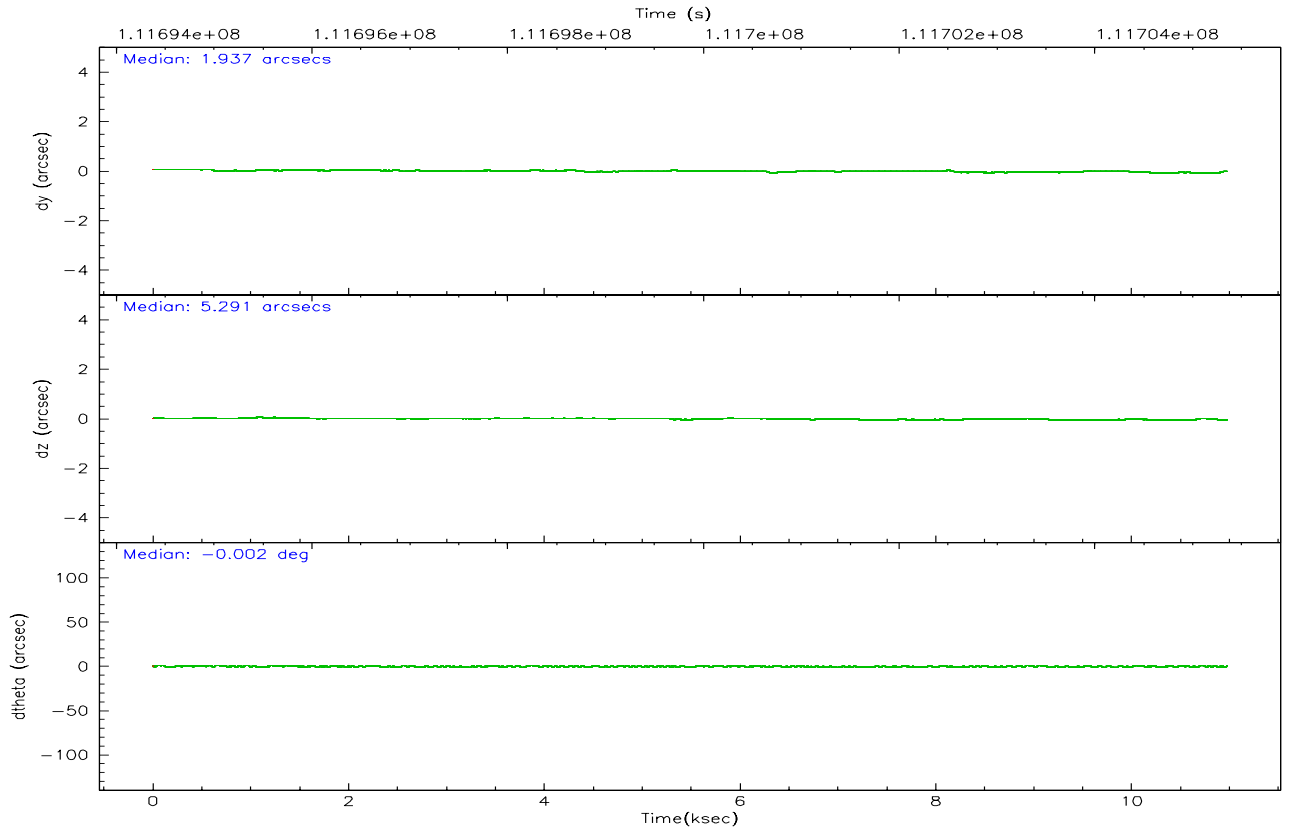
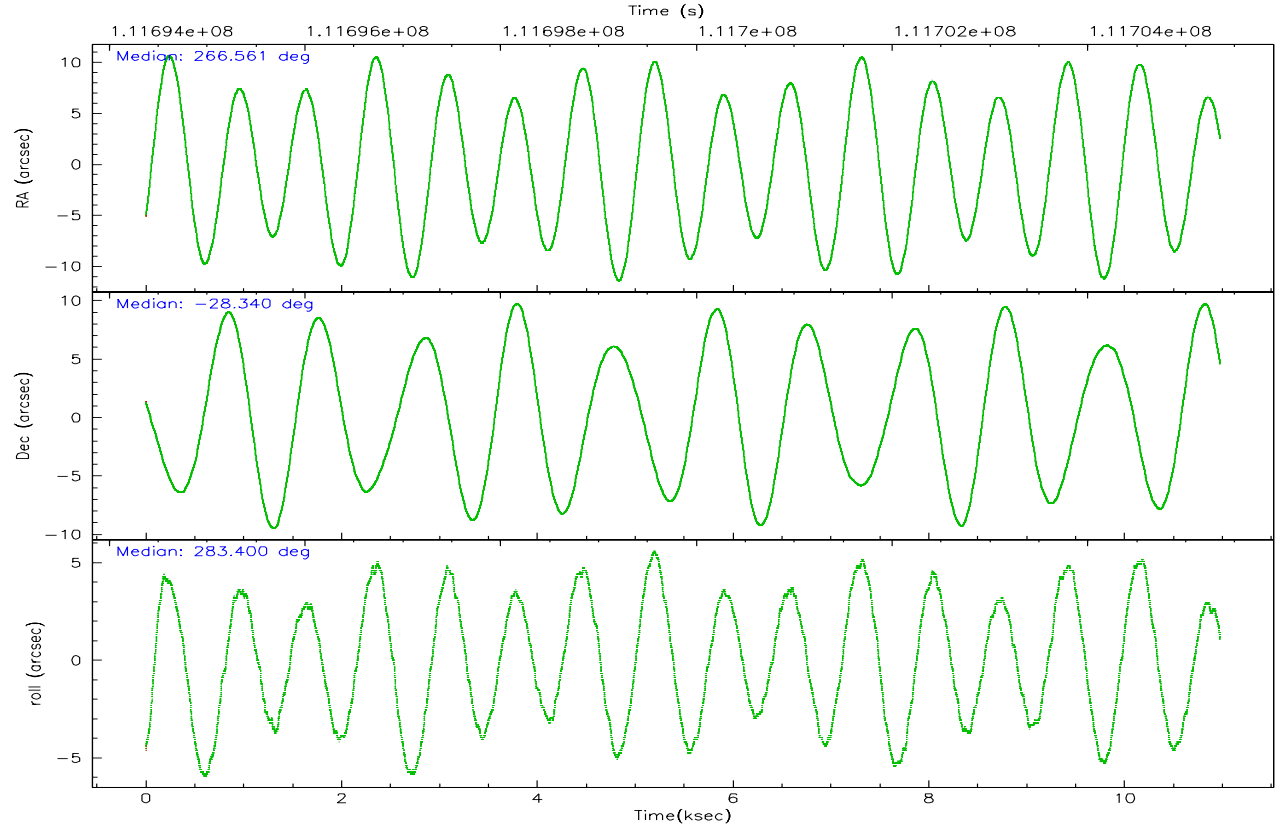
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2872	3028	2993	2799	2458	1156
	10%	11%	10%	9%	8%	3%
grade 1 events	21	37	22	24	24	23
	0%	0%	0%	0%	0%	0%
grade 2 events	1072	1056	1045	1054	1051	4564
	4%	3%	3%	3%	3%	12%
grade 3 events	454	476	423	444	462	1004
	1%	1%	1%	1%	1%	2%
grade 4 events	439	471	396	446	495	972
	1%	1%	1%	1%	1%	2%
grade 5 events	1087	1167	983	1189	1275	3140
	4%	4%	3%	4%	4%	8%
grade 6 events	826	928	774	872	964	10064
	3%	3%	2%	3%	3%	28%
grade 7 events	19924	19283	22940	22064	21589	14218
	74%	72%	77%	76%	76%	40%

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	266.539860	266.5613610513701	Subarray requested	NONE	NONE
Pointing Dec	-28.319946	-28.33985821079142	Alternating exposures requested	N	N
Pointing Roll	283.188404	283.4072956746627	Primary exposure time	0.000000	3.2
Roll angle	283.200000	283.200000			
Roll tolerance	2.000000	2.000000			
Roll constraint allows 180D rotation	N	N			
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	111694572.184000	111694195.5099			
Observation start date	2001-07-16T18:15:08	2001-07-16T18:09:55			
Observation end time	111705354.184000	111705668.84785			
Observation end date	2001-07-16T21:14:50	2001-07-16T21:21:08			
Read mode	TIMED	TIMED			

2.3 Aspect



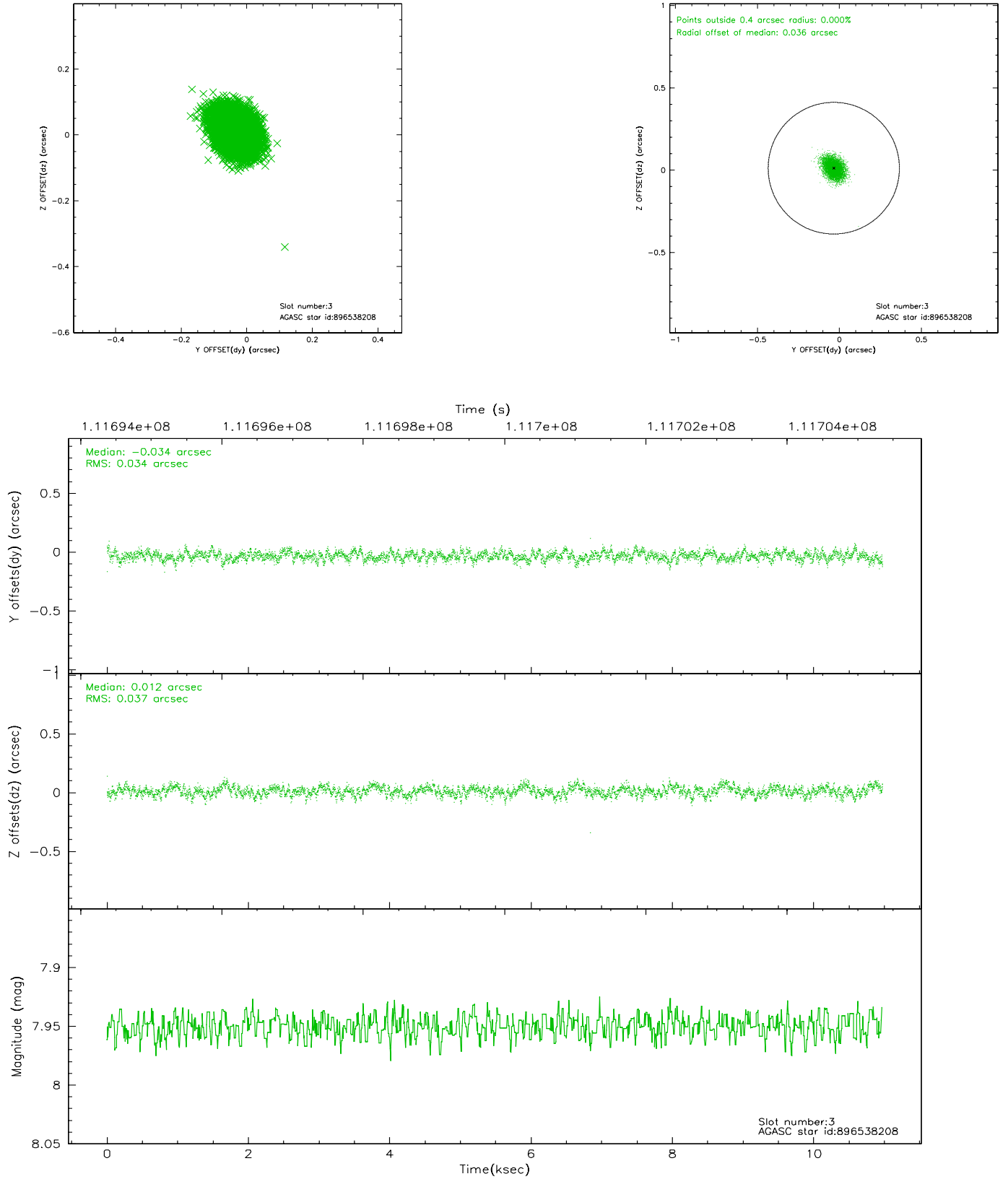


Slot Statistics

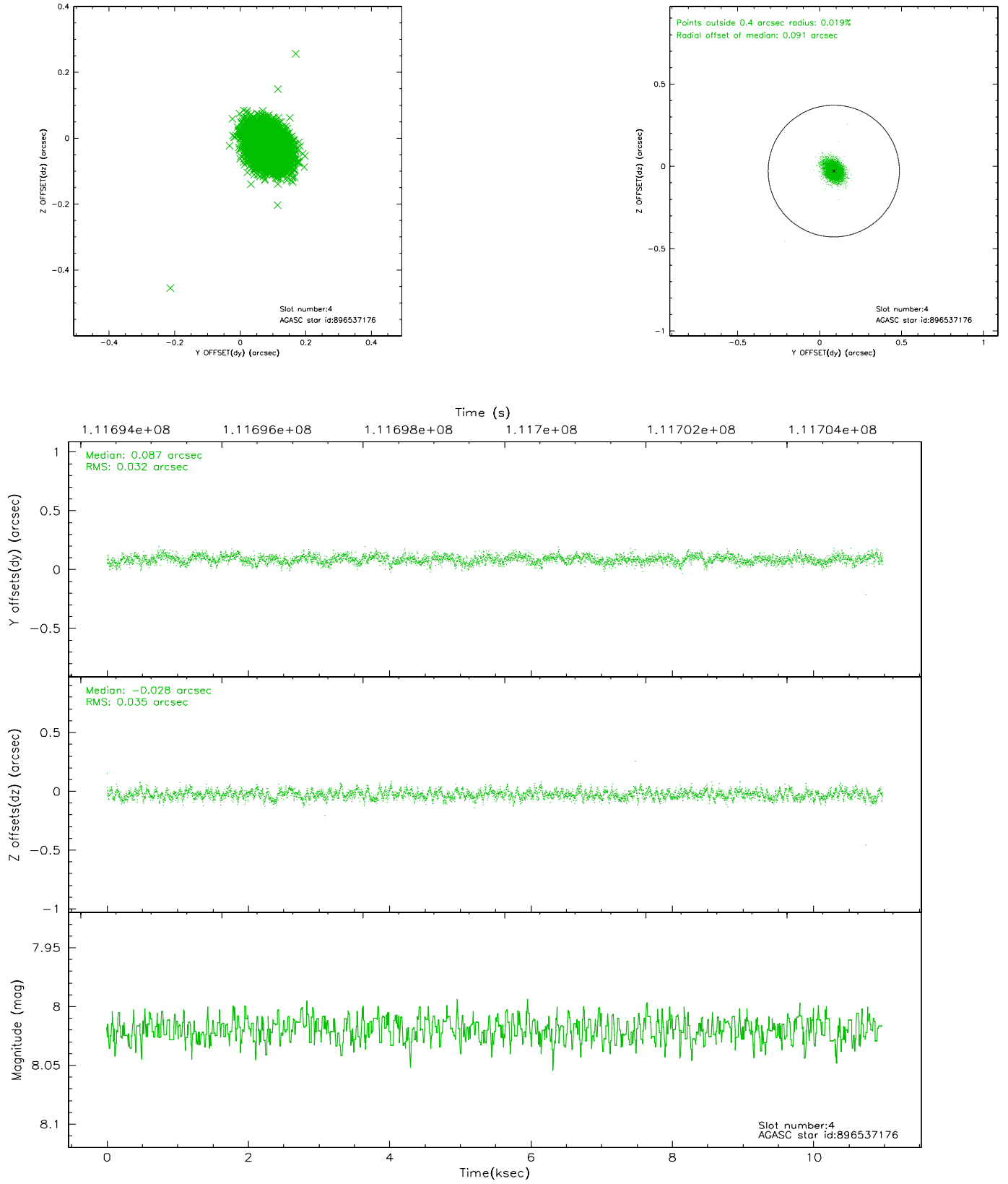
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.26	2678	-0.054	0.063	0.006	0.011	0.000000	0.000000	937.84	-828.57
1	FID	ACIS-I-5	7.24	2678	-0.004	0.015	0.006	0.010	0.000000	0.000000	-1809.97	1068.63
2	FID	ACIS-I-6	7.27	2678	-0.033	-0.008	0.007	0.011	0.000000	0.000000	402.88	1713.65
3	GUIDE	896538208	7.95	5355	-0.034	0.012	0.053	0.086	267.176969	-28.671626	1698.05	1668.98
4	GUIDE	896537176	8.02	5353	0.087	-0.028	0.050	0.082	266.498272	-28.678259	1227.71	-422.26
5	GUIDE	896011040	7.71	5355	-0.040	-0.024	0.048	0.077	267.058469	-28.014759	-688.98	1853.95
6	GUIDE	896538248	8.90	5355	0.106	0.039	0.067	0.108	266.238138	-28.240101	-495.65	-866.54
7	GUIDE	895877624	8.40	5351	-0.117	0.003	0.059	0.097	265.811835	-28.076955	-1371.24	-2054.32

2.4 Star Slots

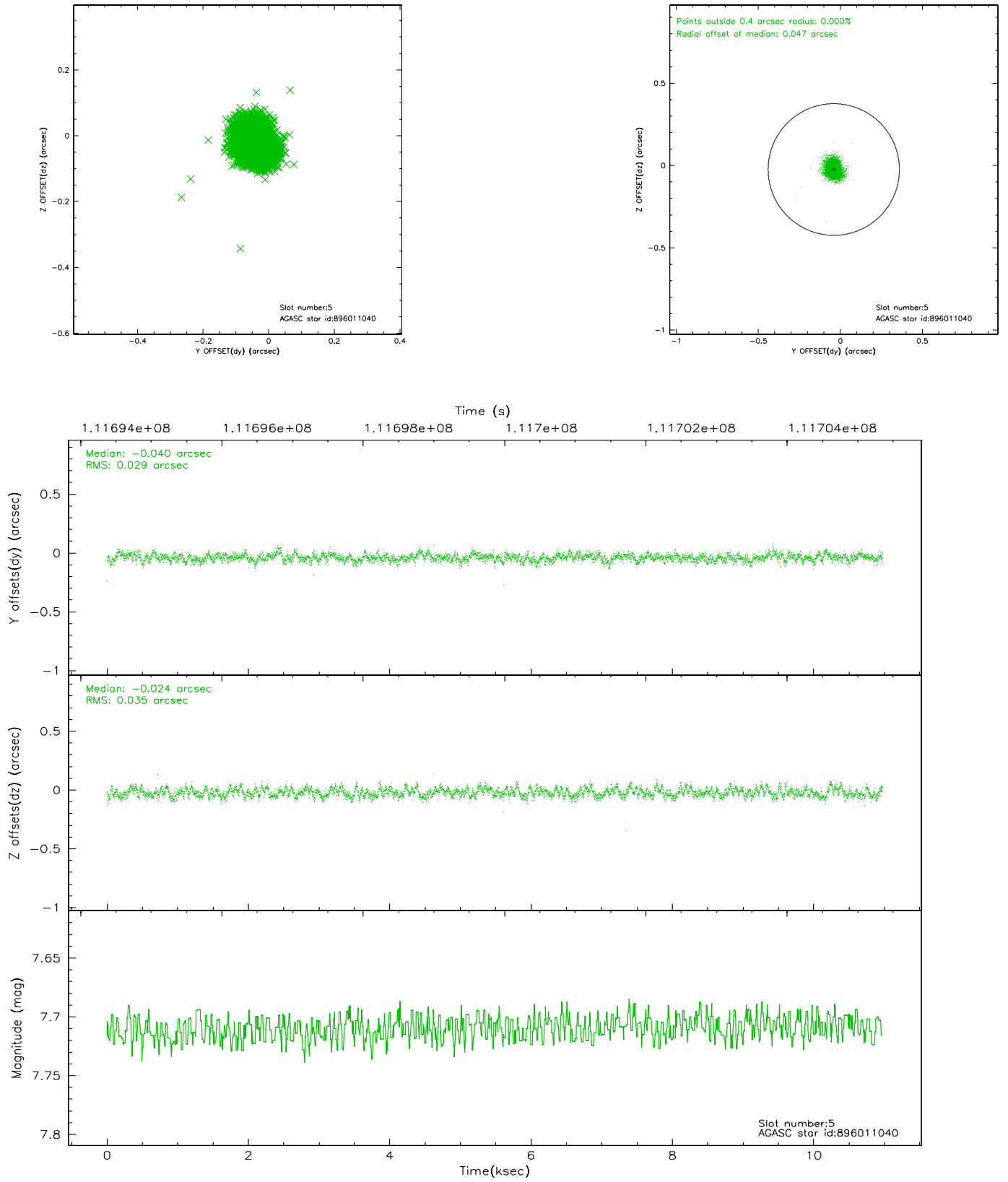
2.4.1 Slot 3



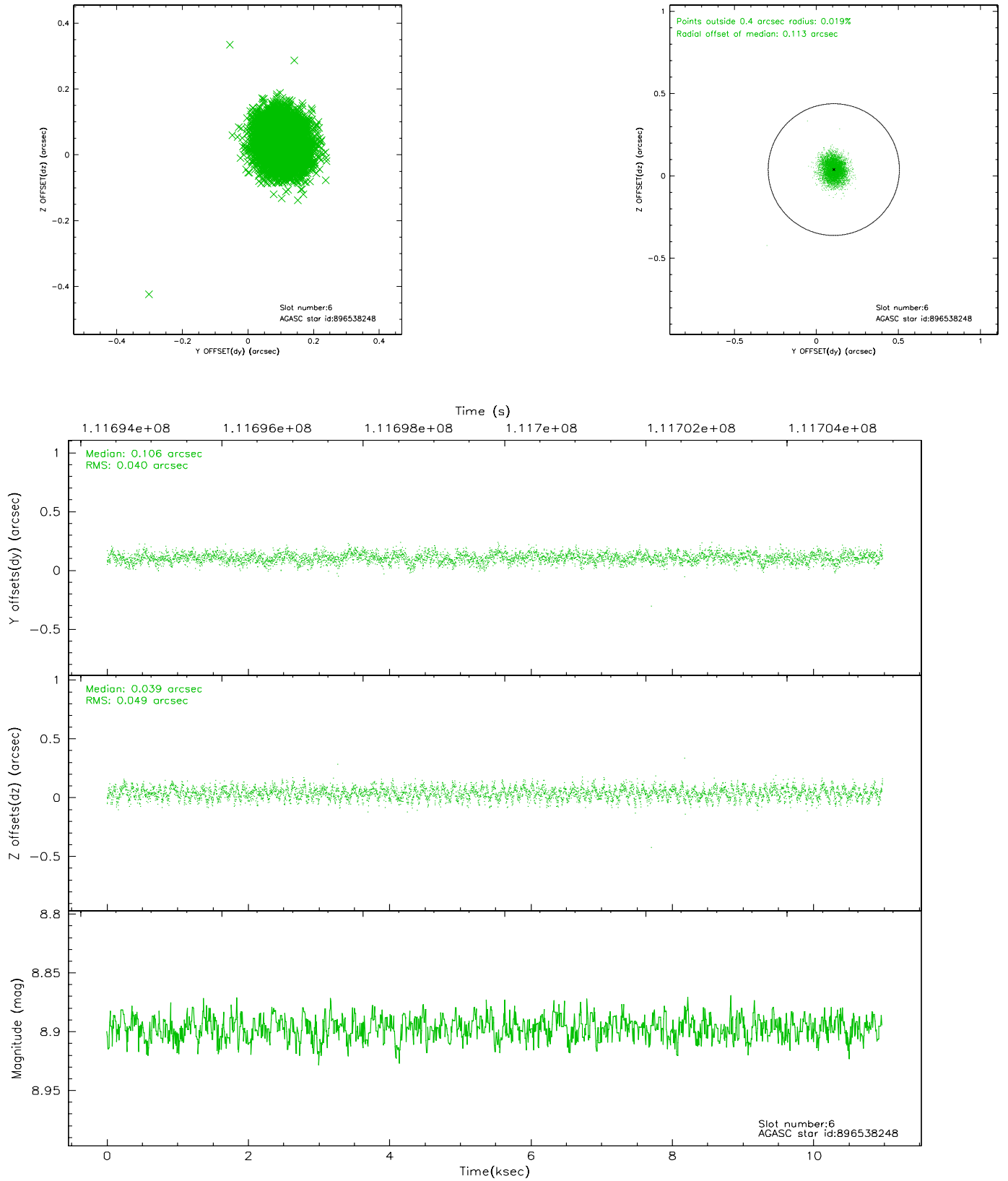
2.4.2 Slot 4



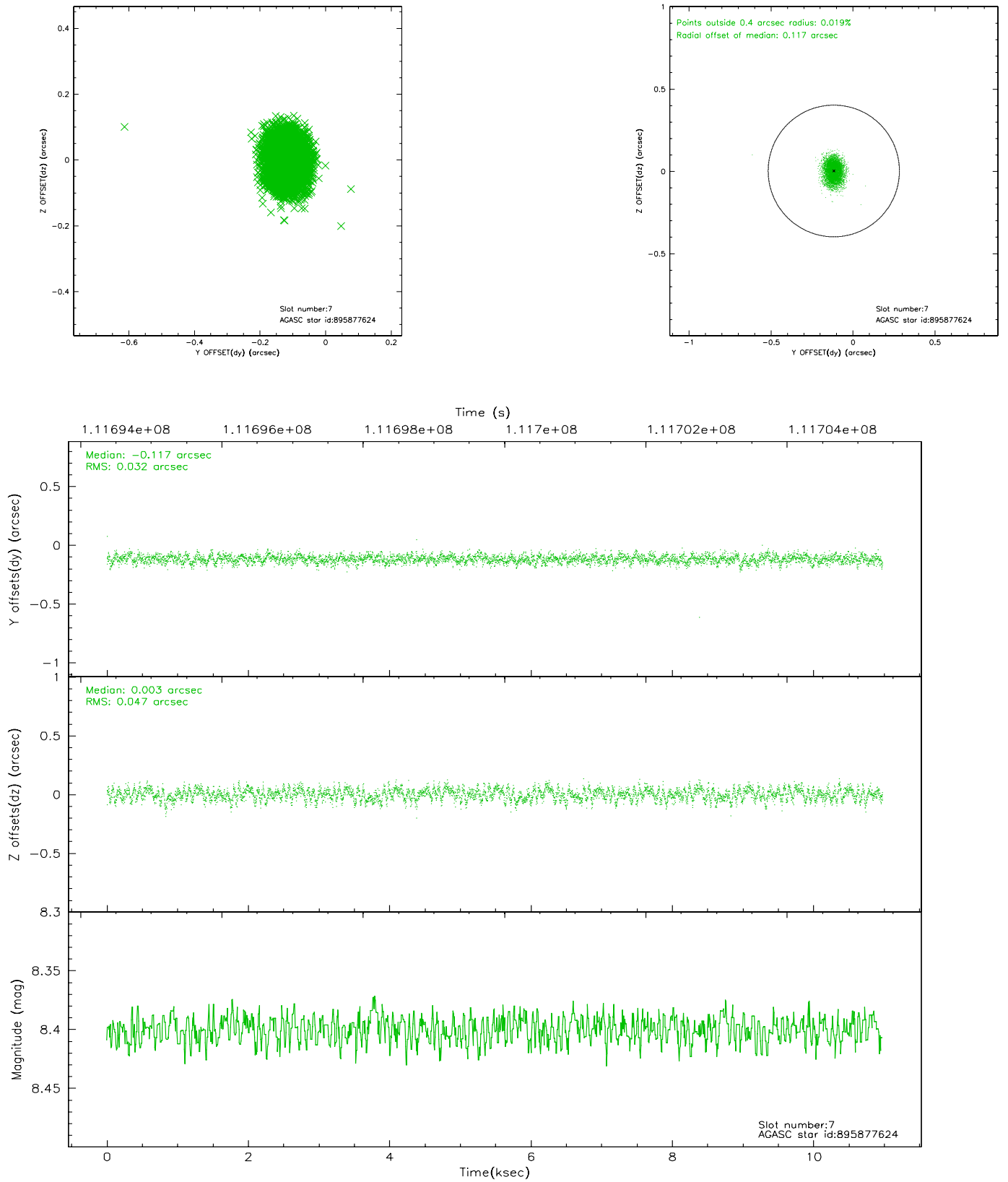
2.4.3 Slot 5



2.4.4 Slot 6

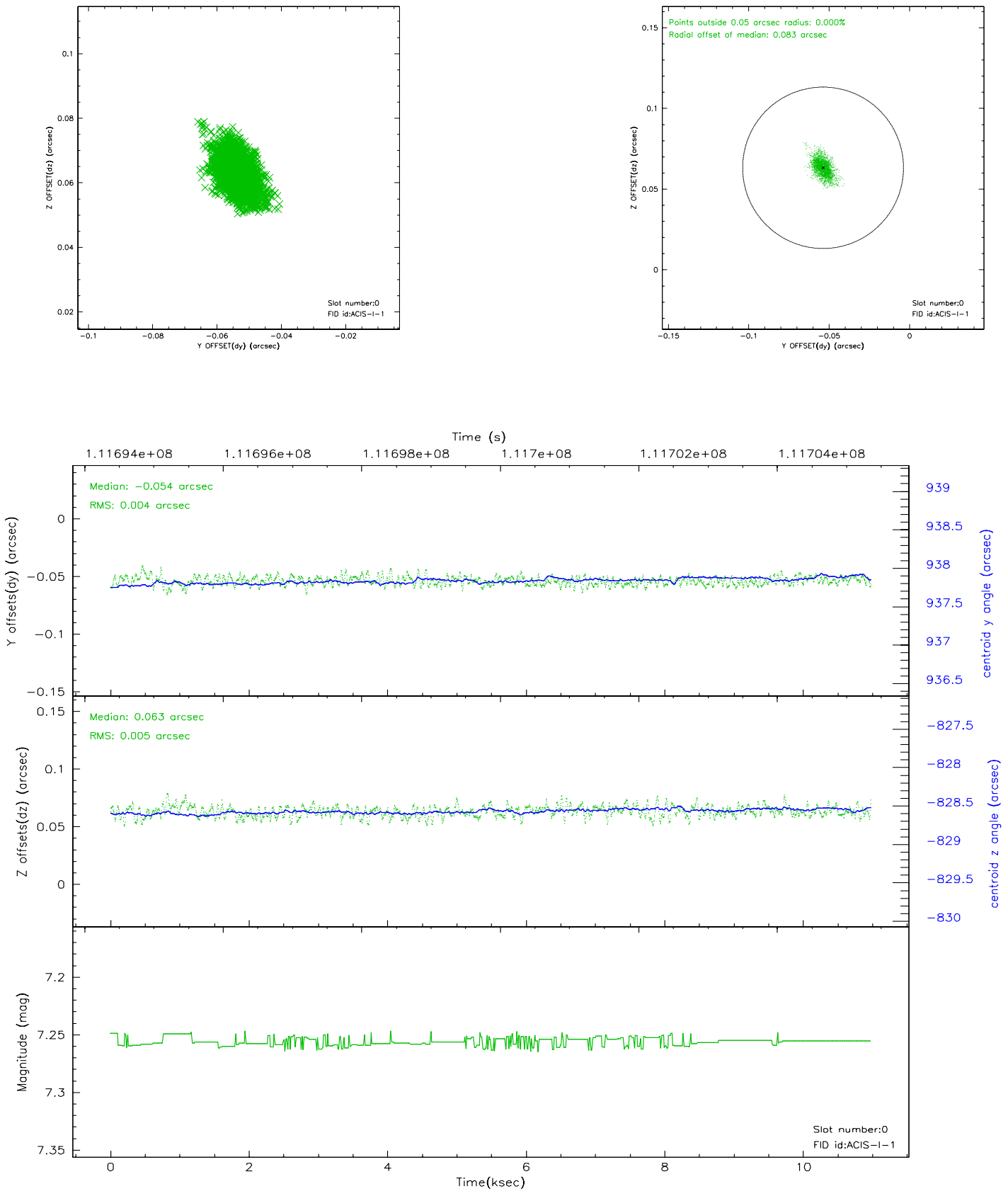


2.4.5 Slot 7

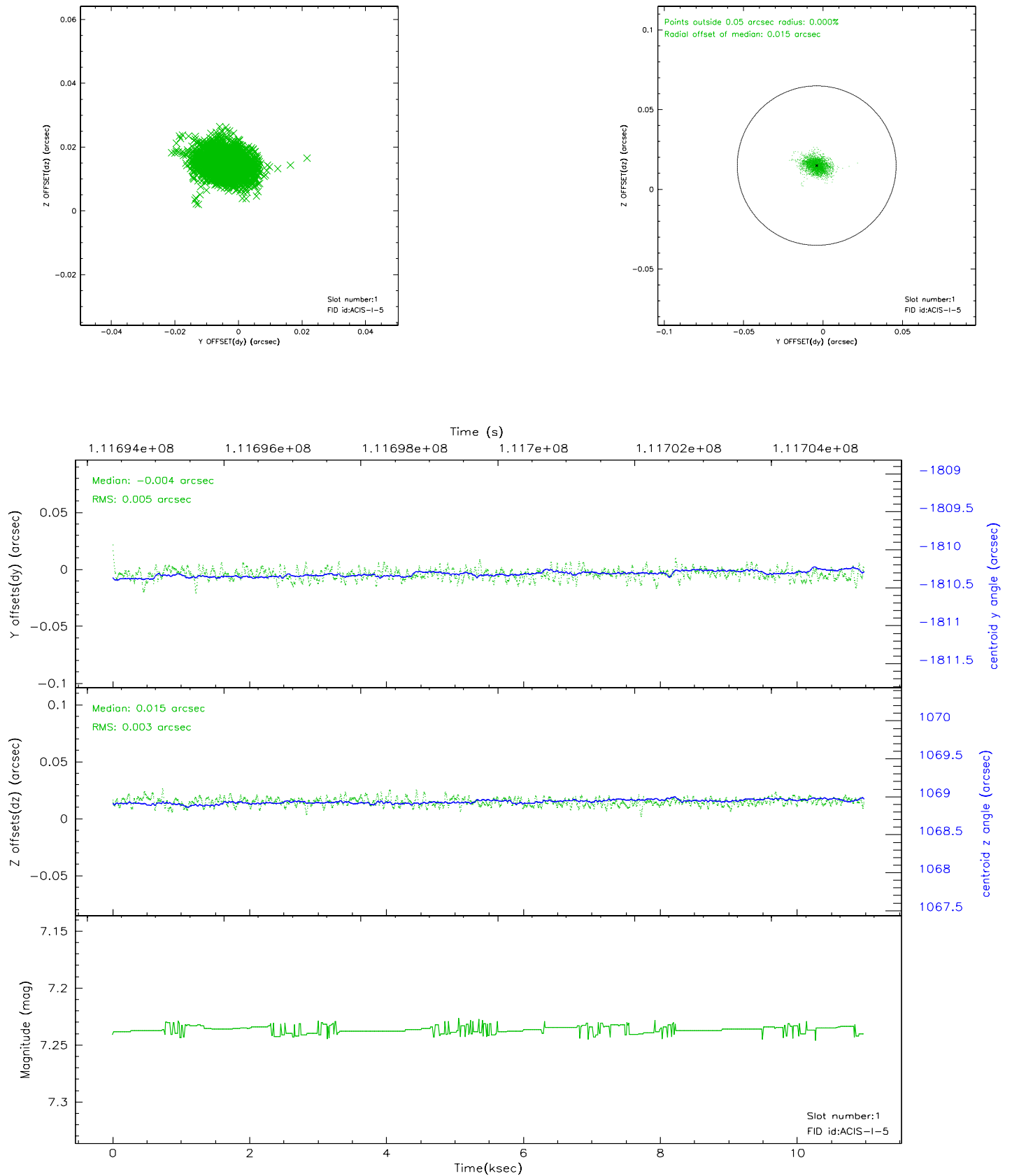


2.5 FID Slots

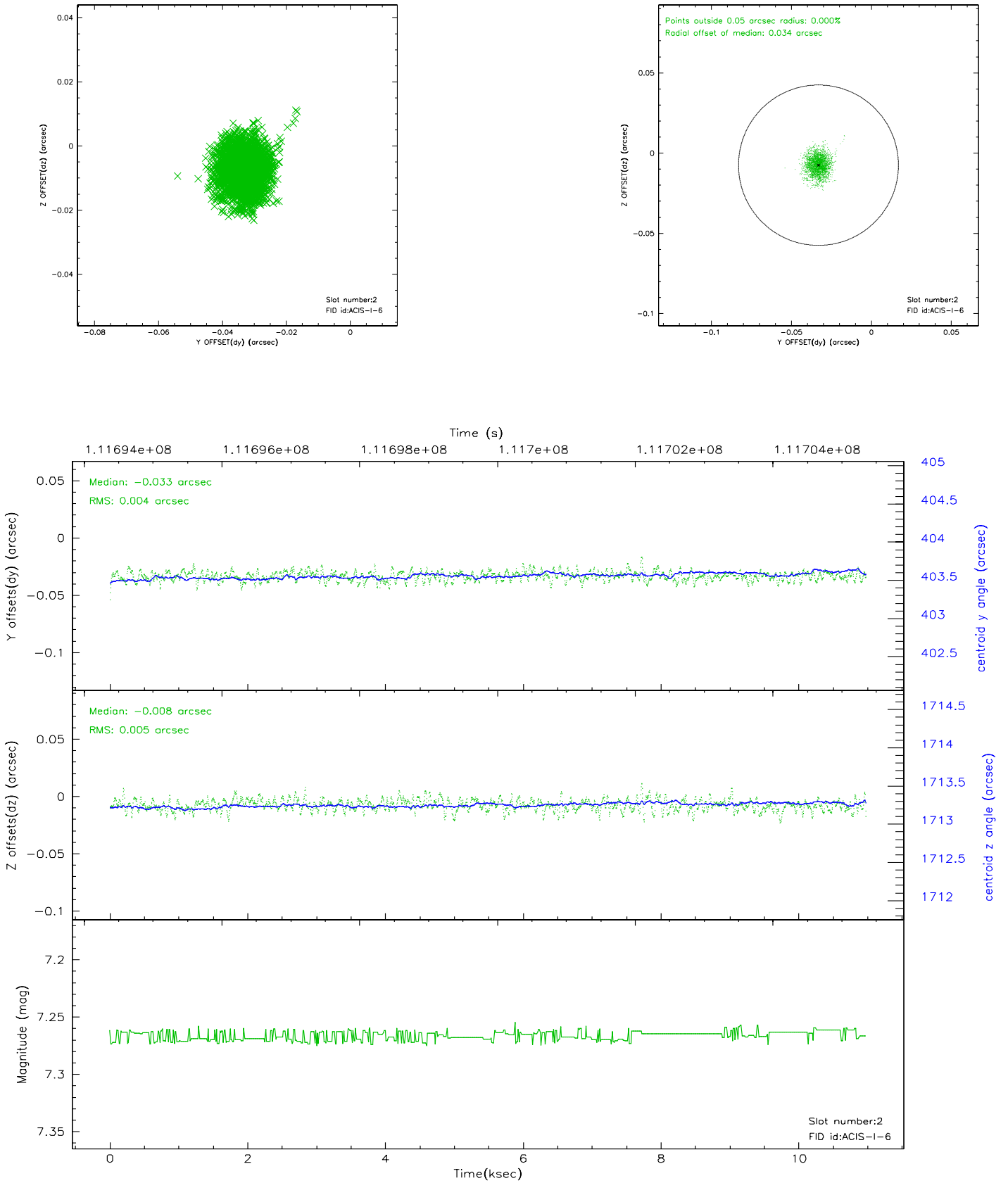
2.5.1 Slot 0



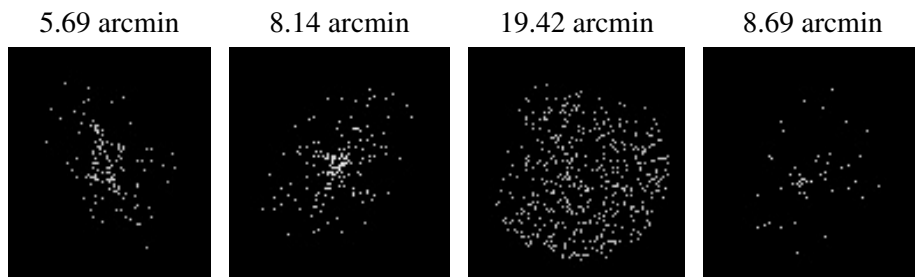
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.544

A.2 Comments

Roll constraint met.