

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5000 - L2 Version 001
Chandra X-Ray Center

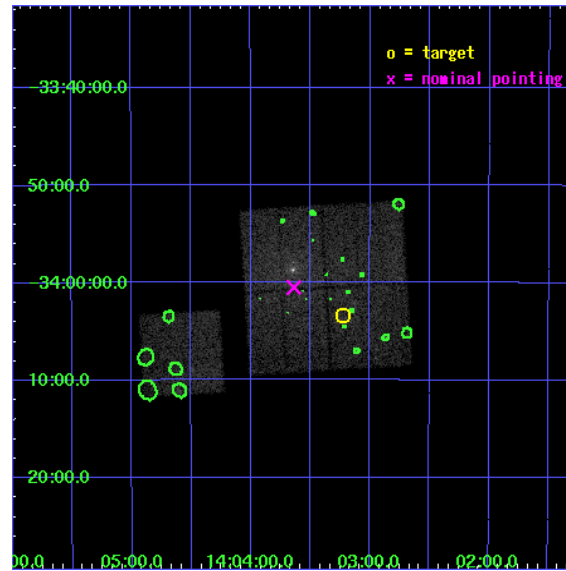
L2 Processing Date : May 23 2006

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1 Front

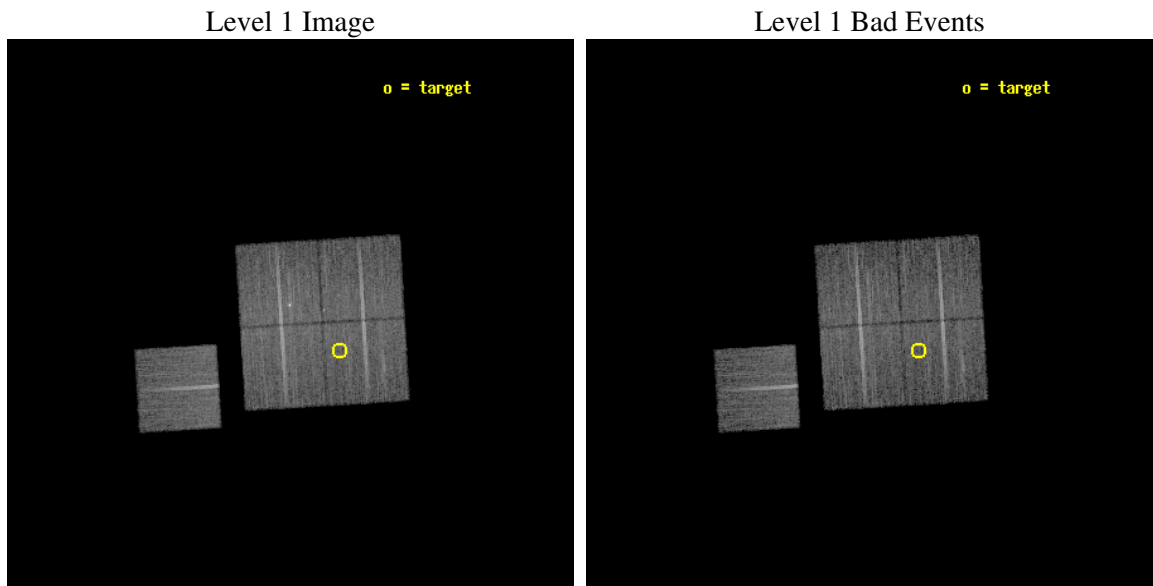
seq_num	800443
obs_id	5000
title	Study of Candidate 'Fossil Groups
observer	Dr. Stephen Murray
object	NGC5419-offset2
dtcycle	0
cycle	P
ra_targ	210.807083
dec_targ	-34.057111
ra_nom	210.90954025613
dec_nom	-34.008500673719
roll_nom	266.51040852362
revision	2
ontime	15010.199971139
livetime	14814.080658168
ontime0	15010.199971139
ontime1	15010.199971139
ontime2	15003.91793102
ontime3	15007.058980882
ontime6	15003.917990744
l2events	57671



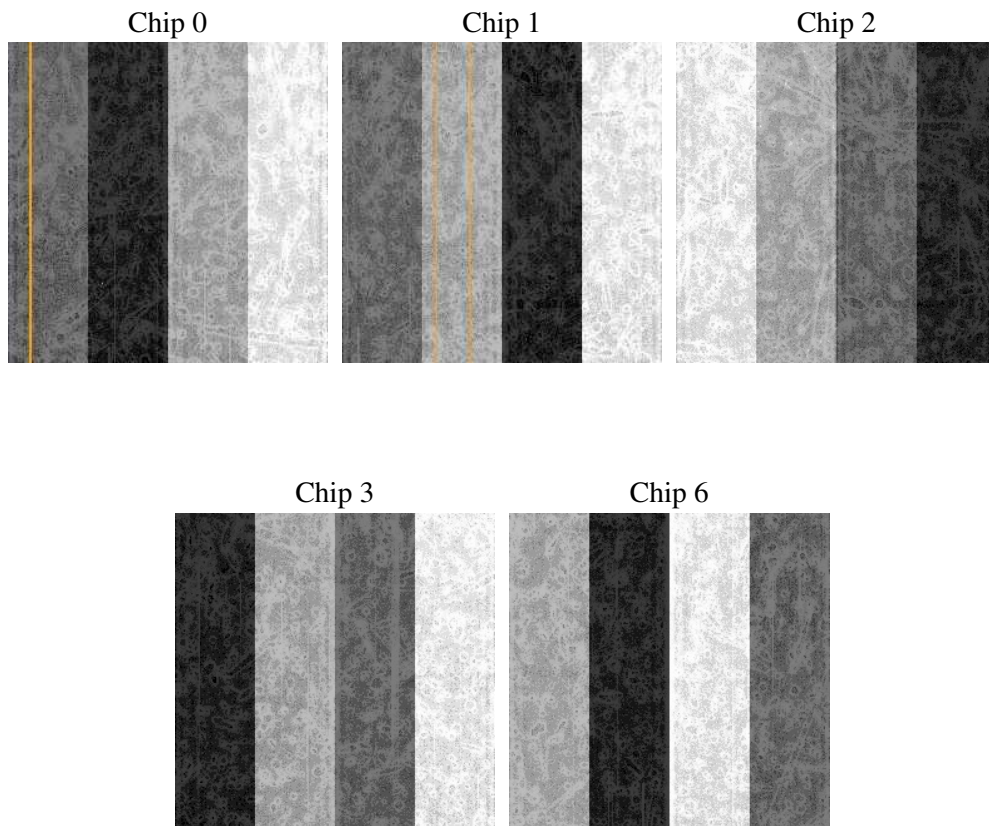
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-23T12:30:45
revision	2

sched_exp_time	15231.482000
ontime	15014.026334643
ontime0	15014.026334643
ontime1	15014.026334643
ontime2	15007.744294524
ontime3	15010.885344386
ontime6	15007.744354248
l1events	479002

2.1.4 Events

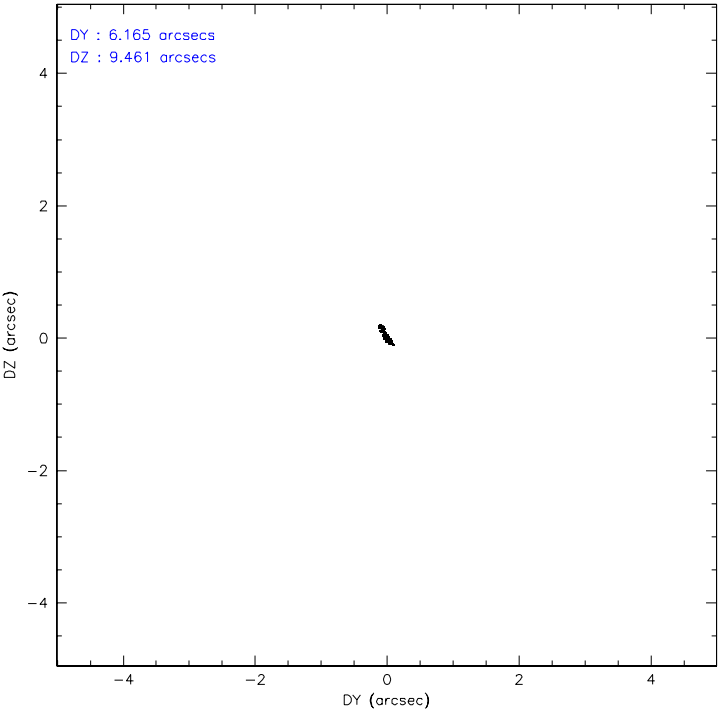
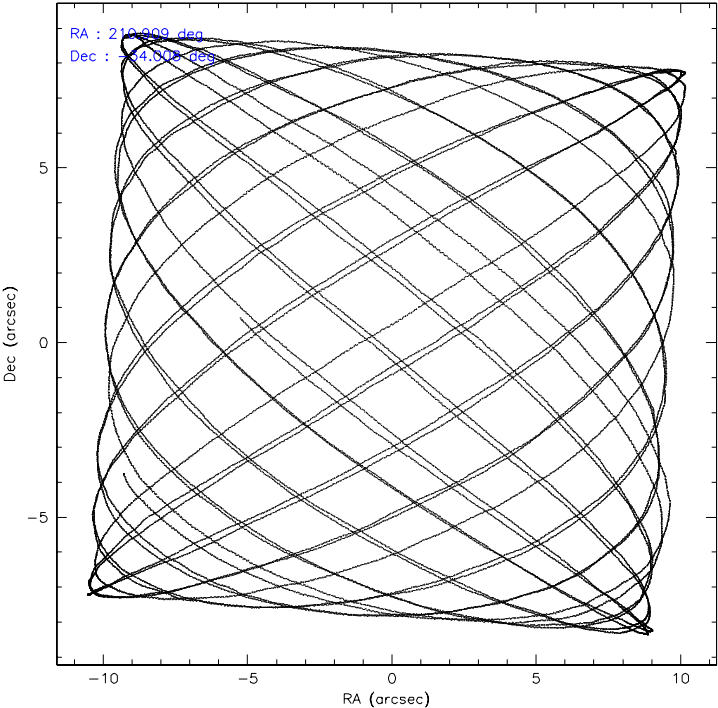
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	92641	91869	99397	100583	94512
rejected events	80198	78131	86726	84007	83289
rejected %	86%	85%	87%	83%	88%

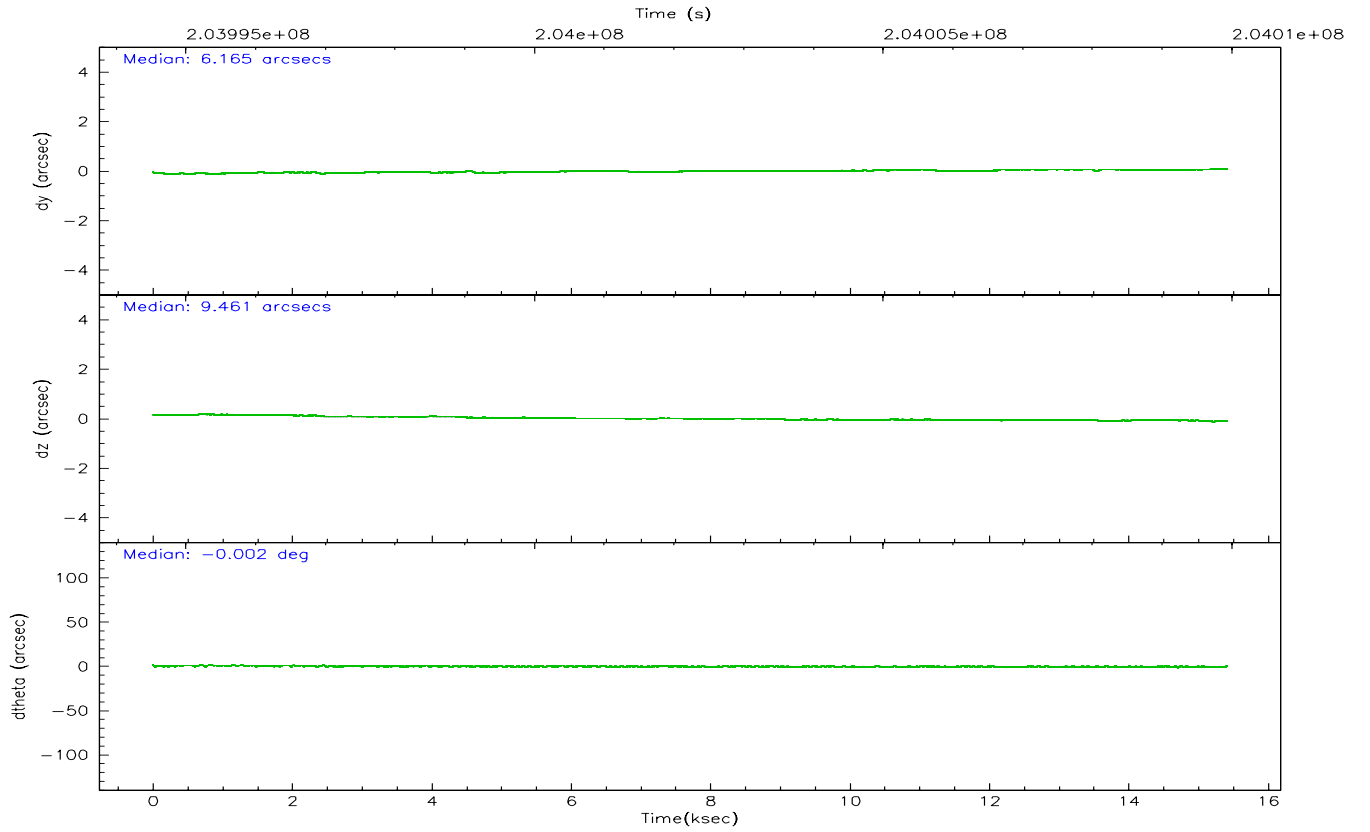
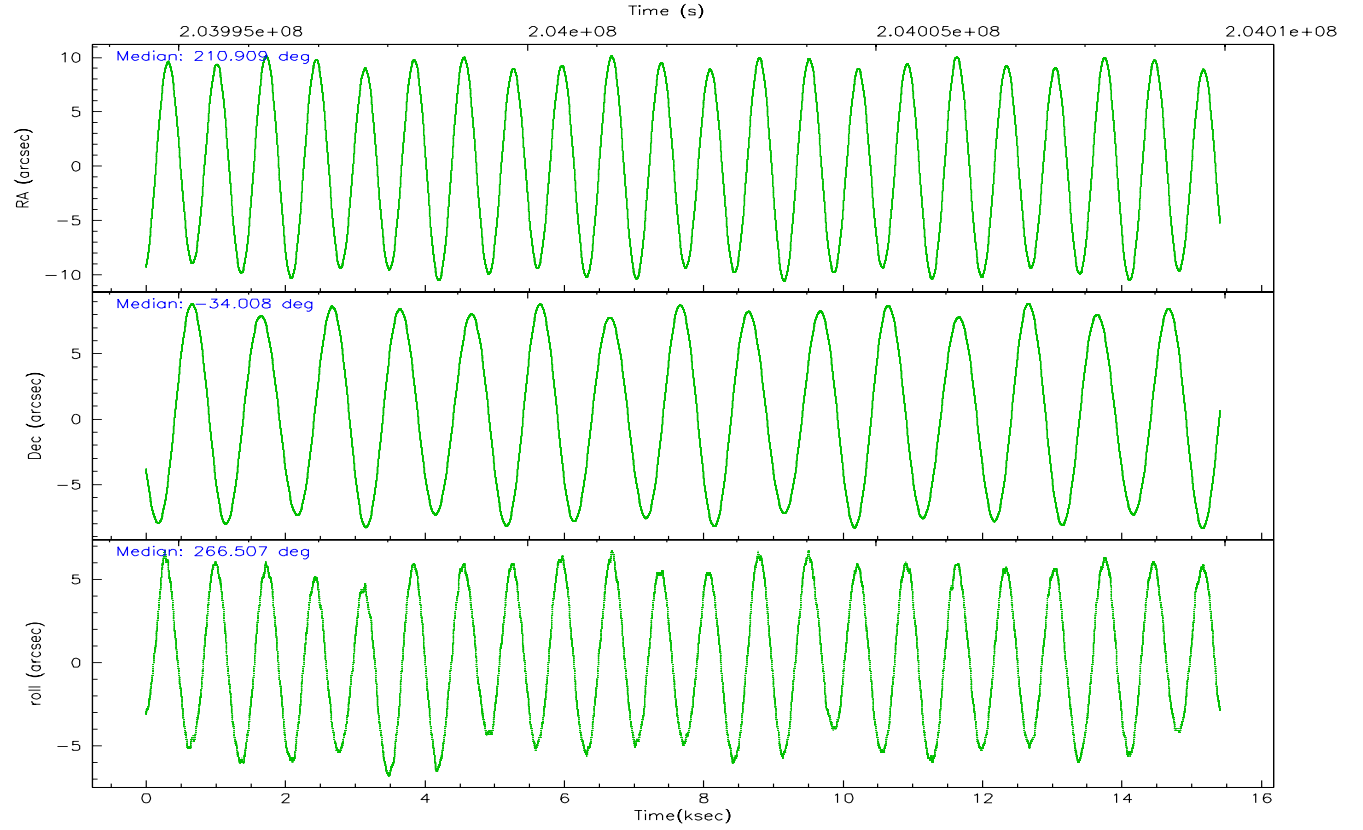
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	5876	6698	6459	9692	4845
	6%	7%	6%	9%	5%
grade 1 events	57	53	64	133	47
	0%	0%	0%	0%	0%
grade 2 events	2399	2542	2401	2568	2154
	2%	2%	2%	2%	2%
grade 3 events	1227	1234	1049	1231	1070
	1%	1%	1%	1%	1%
grade 4 events	1063	1229	1066	1216	1101
	1%	1%	1%	1%	1%
grade 5 events	3298	3346	2993	3696	3571
	3%	3%	3%	3%	3%
grade 6 events	1883	2038	1700	1876	2056
	2%	2%	1%	1%	2%
grade 7 events	76838	74729	83665	80171	79668
	82%	81%	84%	79%	84%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	210.894642	210.9095402561282	Alternating exposures requested	N	N
Pointing Dec	-33.984011	-34.00850067371893	Primary exposure time	0.000000	3.1
Pointing Roll	266.293392	266.5104085236218			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.592463	-225.5843688559632			
SIM translation stage offset (mm)	-8	-8.008084146966468			
Observation start time	203994706.184000	203994330.06819			
Observation start date	2004-06-19T01:10:42	2004-06-19T01:05:30			
Observation end time	204009937.184000	204010162.73139			
Observation end date	2004-06-19T05:24:33	2004-06-19T05:29:22			
Read mode	TIMED	TIMED			

2.3 Aspect



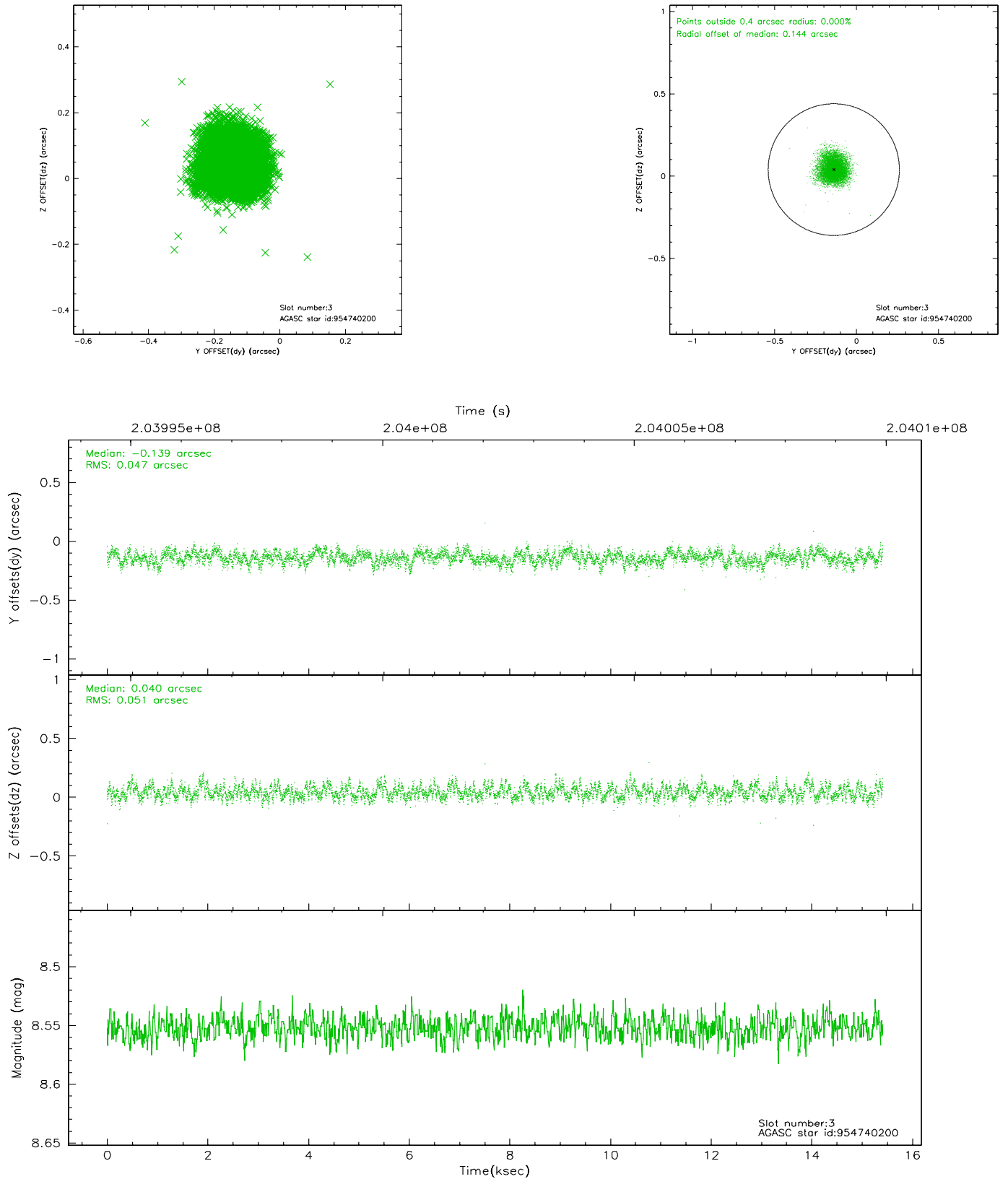


Slot Statistics

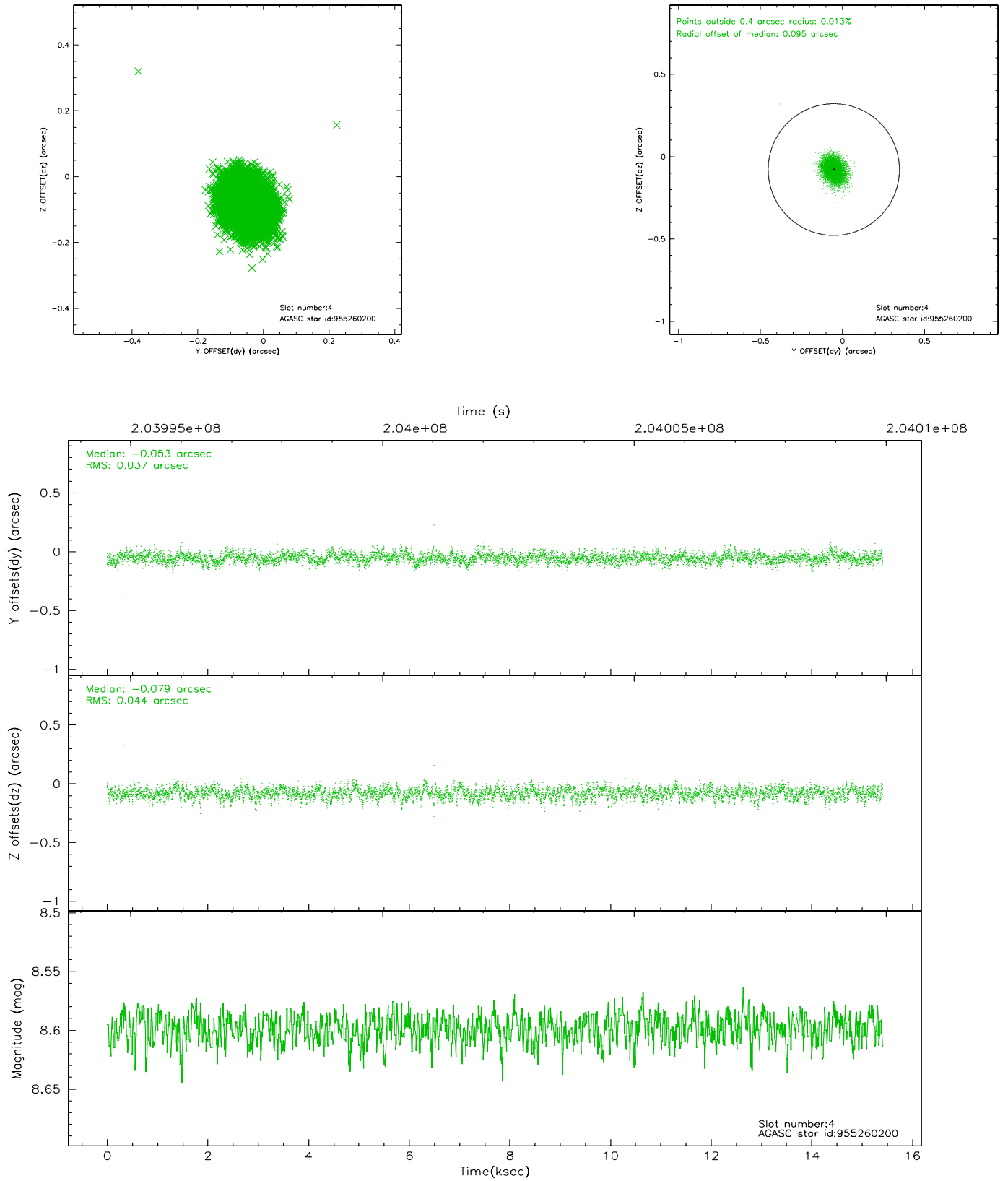
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	3760	0.075	-0.054	0.006	0.011	0.000000	0.000000	933.48	-997.39
1	FID	ACIS-I-5	7.22	3760	-0.194	0.079	0.006	0.010	0.000000	0.000000	-1814.75	900.03
2	FID	ACIS-I-6	7.25	3760	0.028	0.047	0.007	0.011	0.000000	0.000000	398.65	1544.85
3	GUIDE	954740200	8.55	7517	-0.139	0.040	0.074	0.116	210.828569	-33.446121	-1919.08	-323.76
4	GUIDE	955260200	8.60	7519	-0.053	-0.079	0.061	0.099	210.218841	-34.127979	654.04	-1975.79
5	GUIDE	955261632	7.93	7519	0.185	0.122	0.058	0.092	210.777259	-34.540798	2023.43	-217.52
6	GUIDE	955263032	8.67	7516	0.130	-0.094	0.057	0.092	211.177099	-34.436586	1573.24	942.41
7	GUIDE	954861224	8.93	7518	-0.126	0.007	0.086	0.137	211.716360	-33.398119	-2254.70	2329.01

2.4 Star Slots

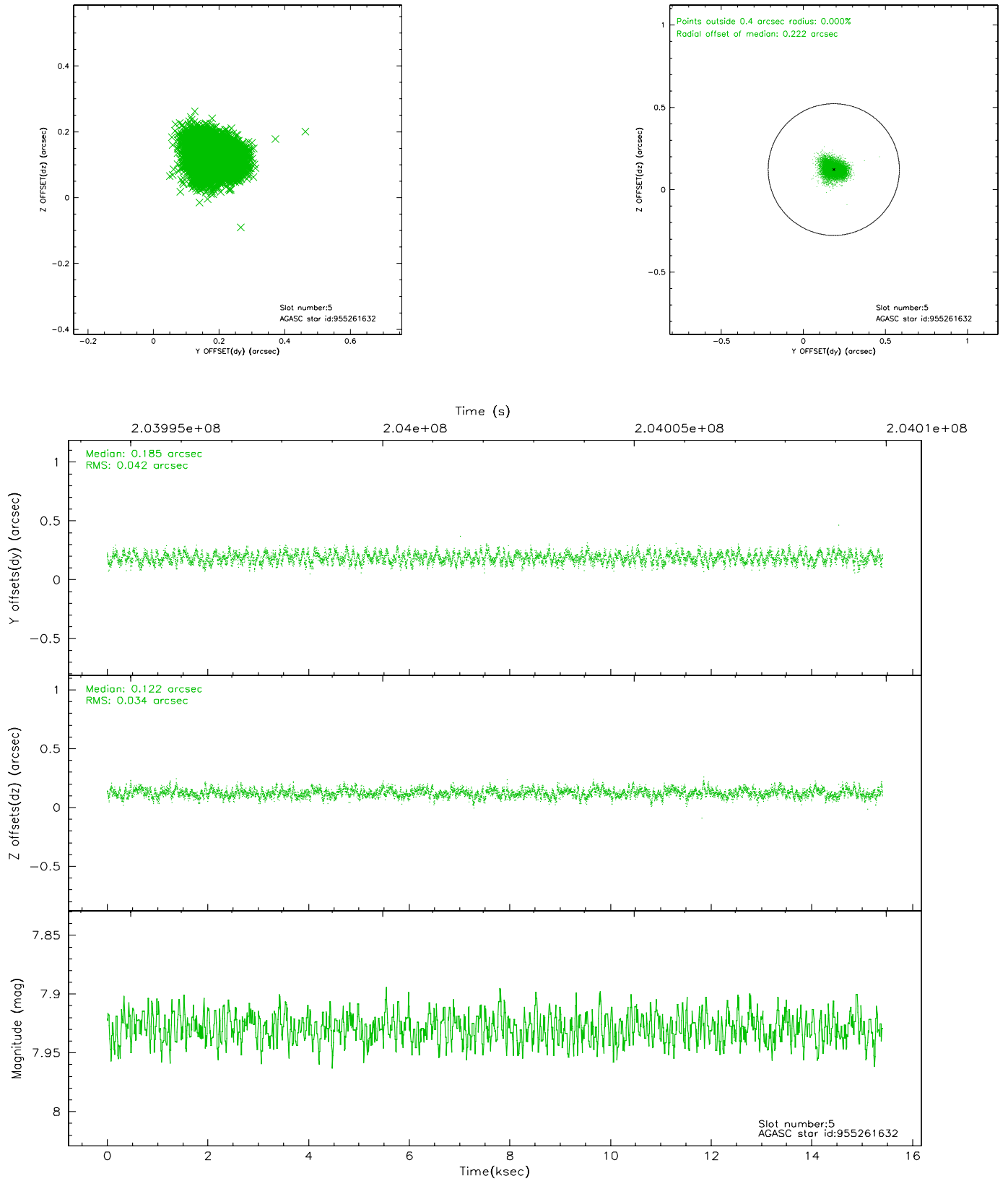
2.4.1 Slot 3



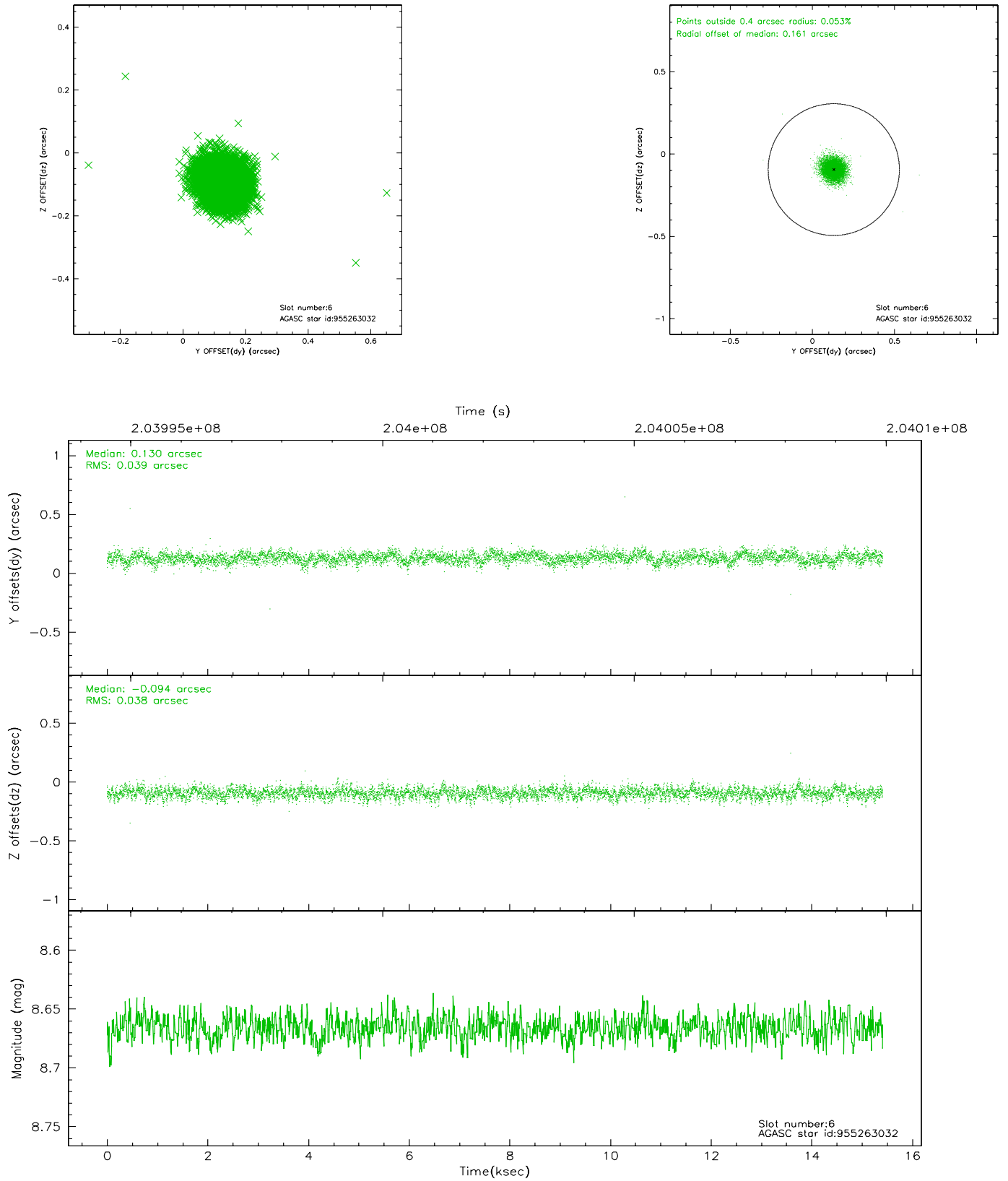
2.4.2 Slot 4



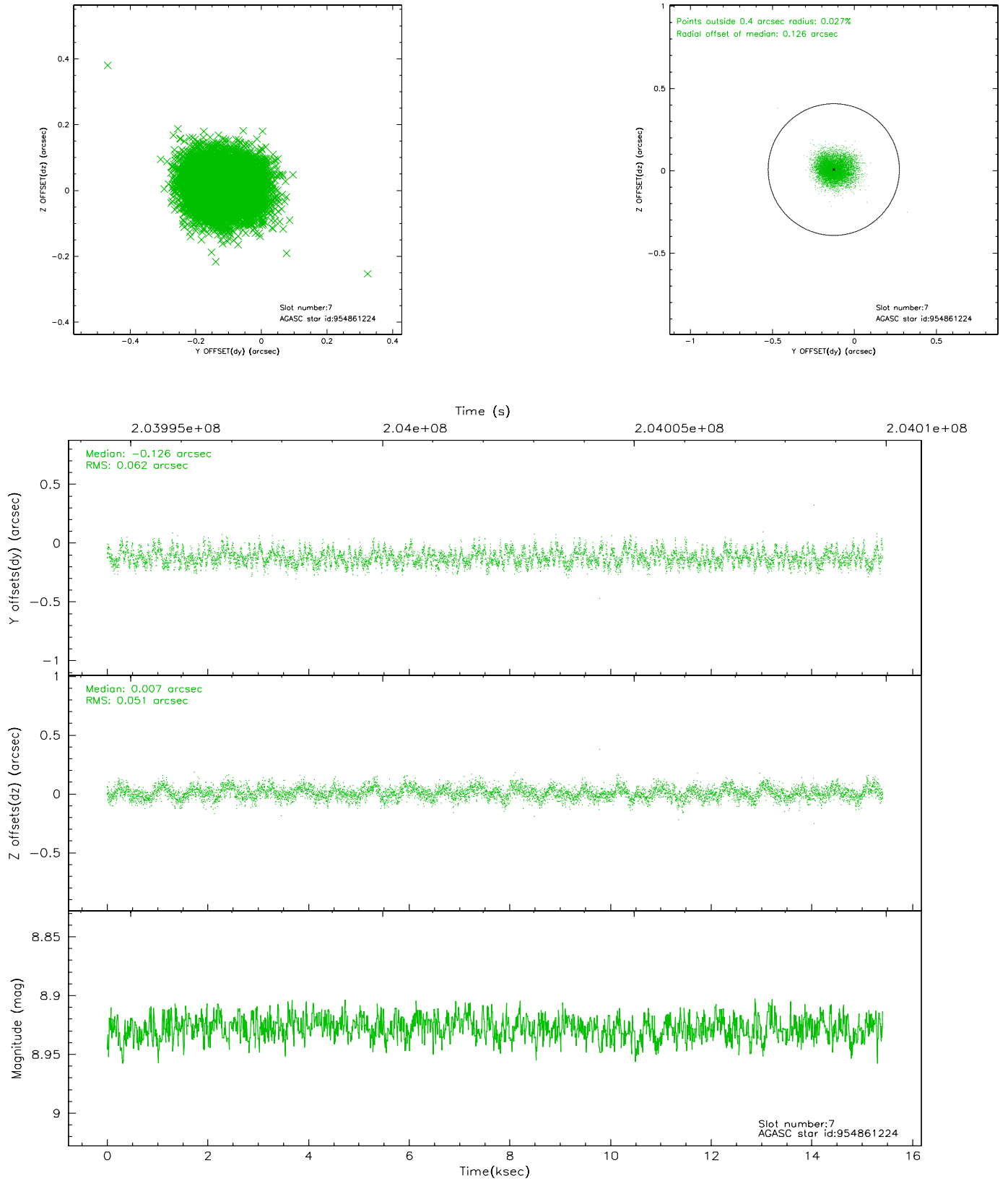
2.4.3 Slot 5



2.4.4 Slot 6

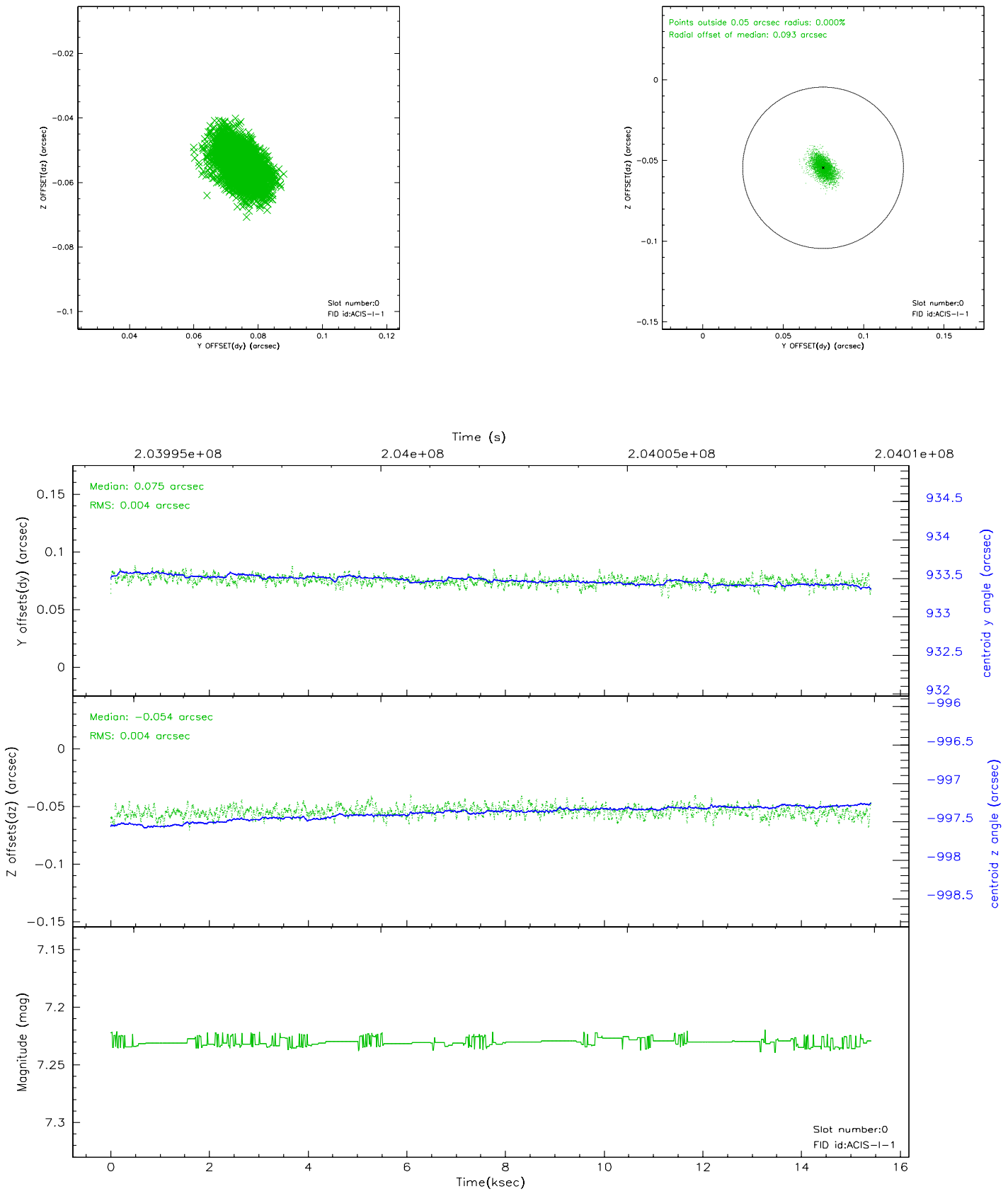


2.4.5 Slot 7

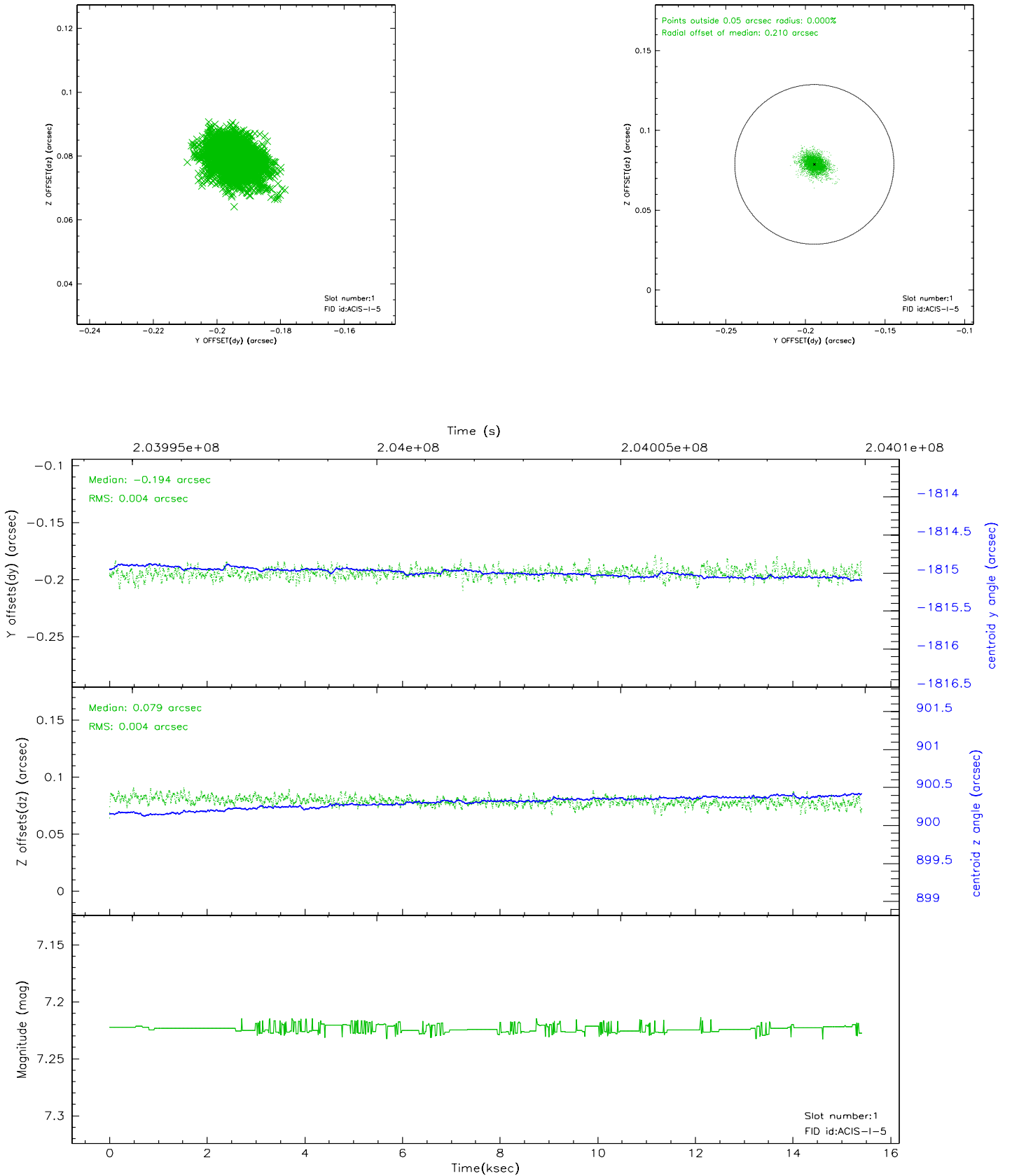


2.5 FID Slots

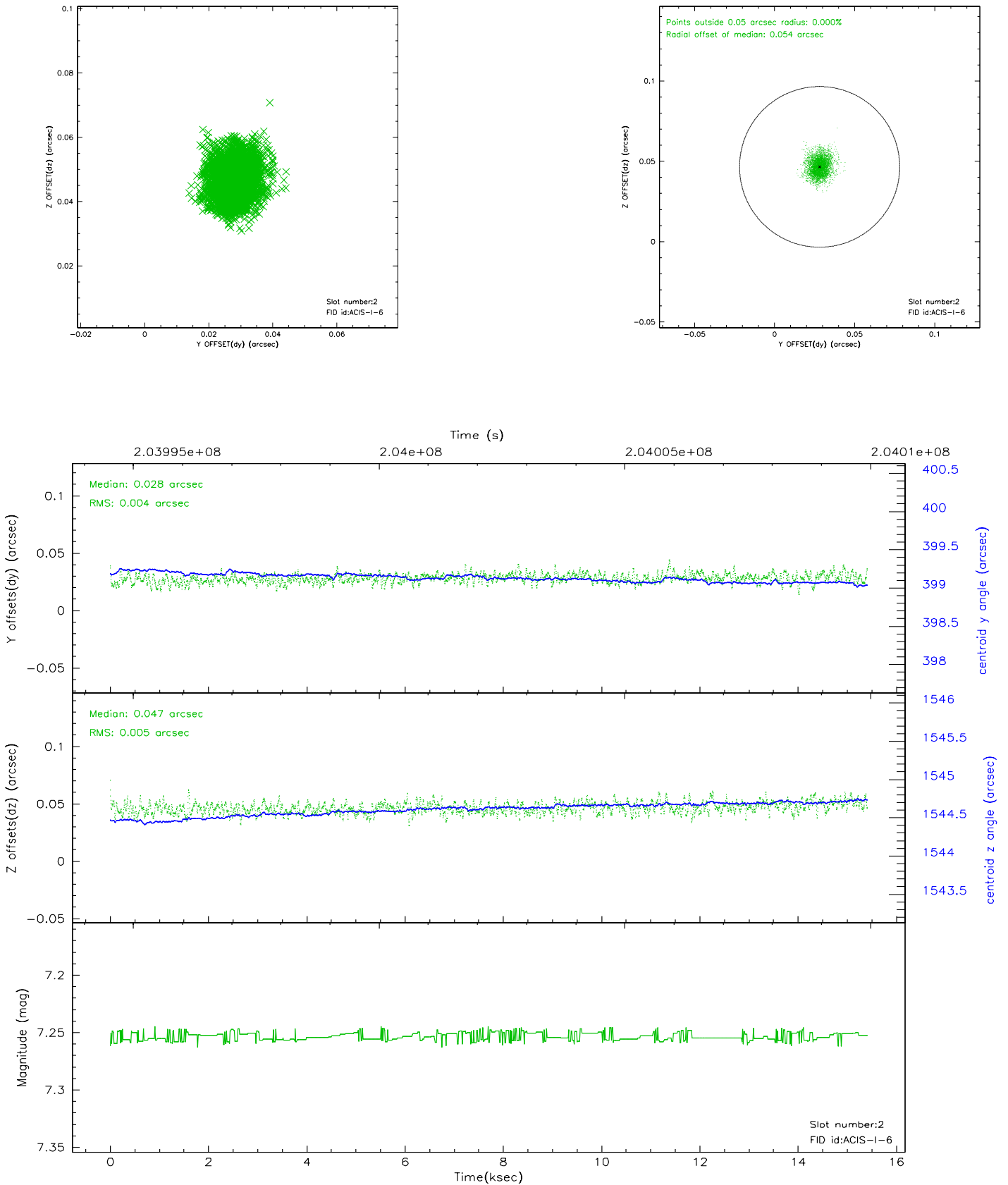
2.5.1 Slot 0



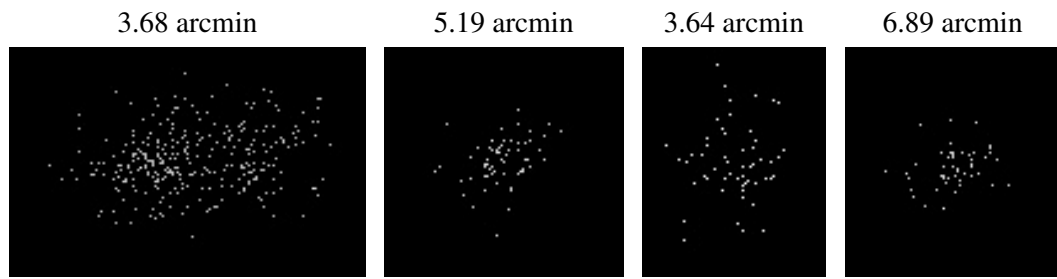
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.01

A.2 Comments