

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5753 - L2 Version 002
Chandra X-Ray Center

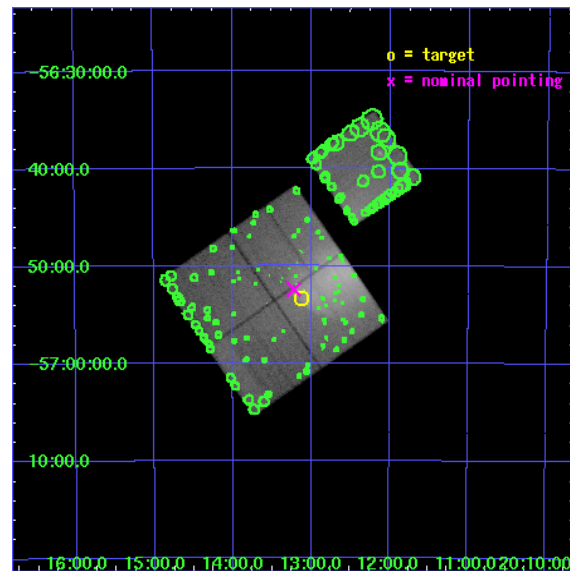
L2 Processing Date : Mar 10 2006

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1 Front

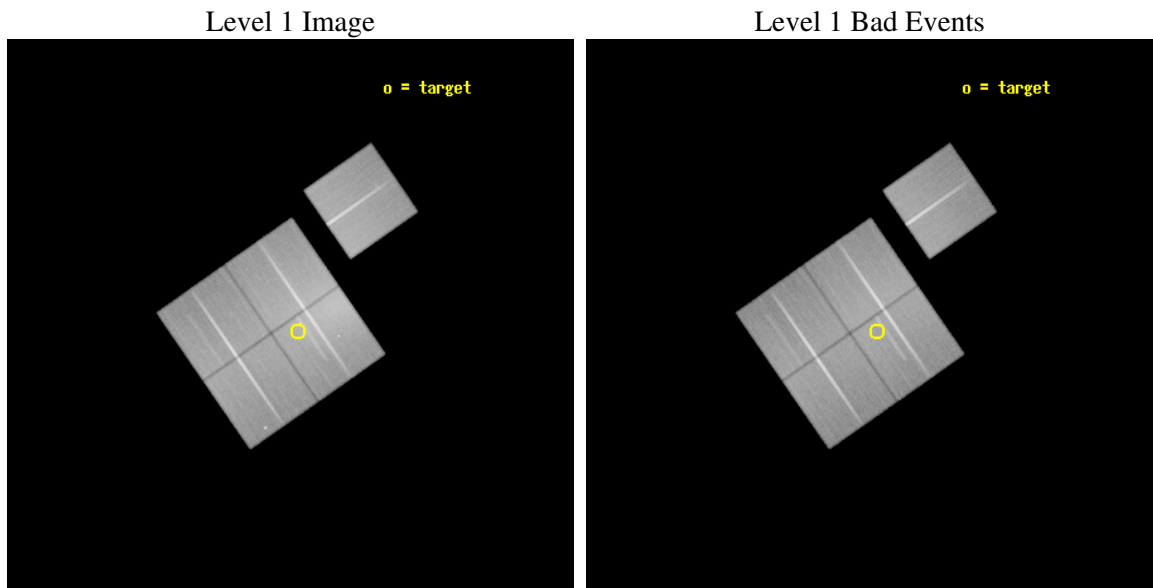
seq_num	800466
obs_id	5753
title	A CHANDRA TREASURY OBSERVATION OF THE BEST EXAMPLE OF A CLUSTER COLD FRONT
observer	Dr Alexey Vikhlinin
object	Abell 3667
dtcycle	0
cycle	P
ra_targ	303.280208
dec_targ	-56.89
ra_nom	303.30487203507
dec_nom	-56.873888290062
roll_nom	55.221240139083
revision	2
ontime	105006.01287621
livetime	103634.03201368
ontime0	104999.7309157
ontime1	105006.01286638
ontime2	104993.4488557
ontime3	105006.01287621
ontime6	105024.85878789
l2events	778593



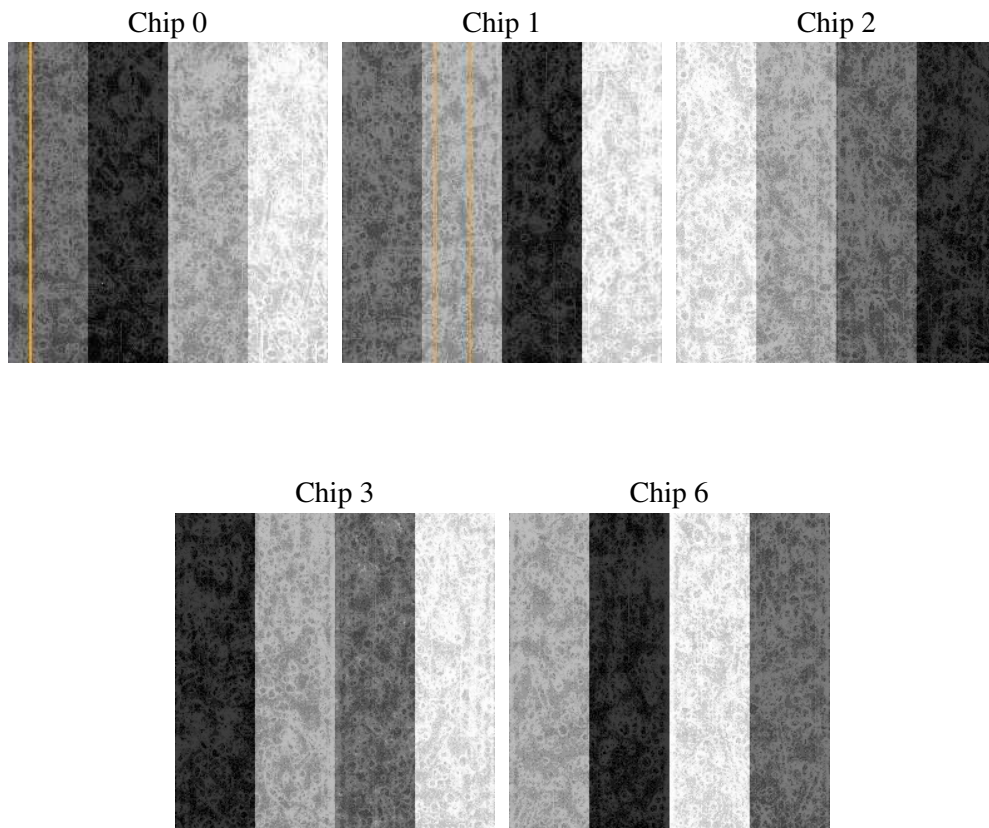
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-10T17:48:48
revision	2

sched_exp_time	105000.000000
ontime	105010.34955269
ontime0	105004.06759217
ontime1	105010.34954286
ontime2	104997.78553218
ontime3	105010.34955269
ontime6	105029.19546437
l1events	4411224

2.1.4 Events

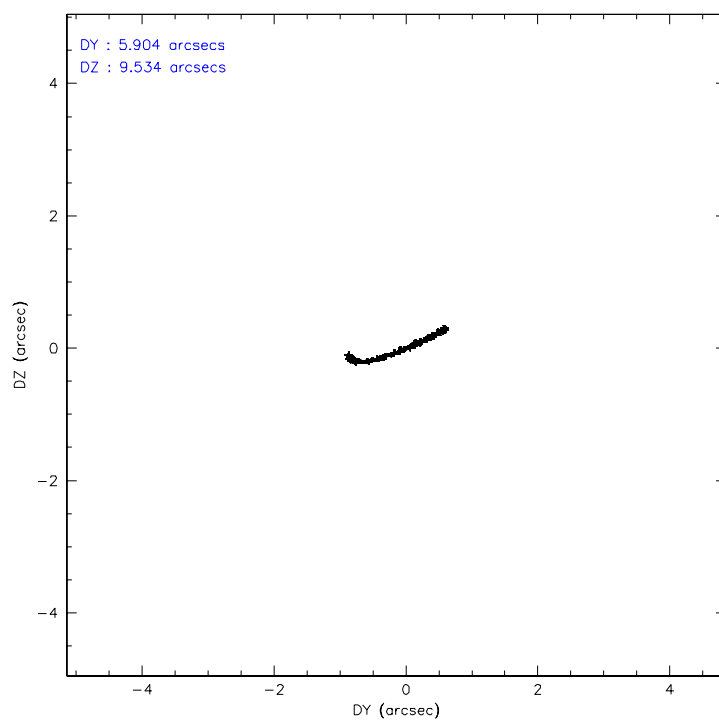
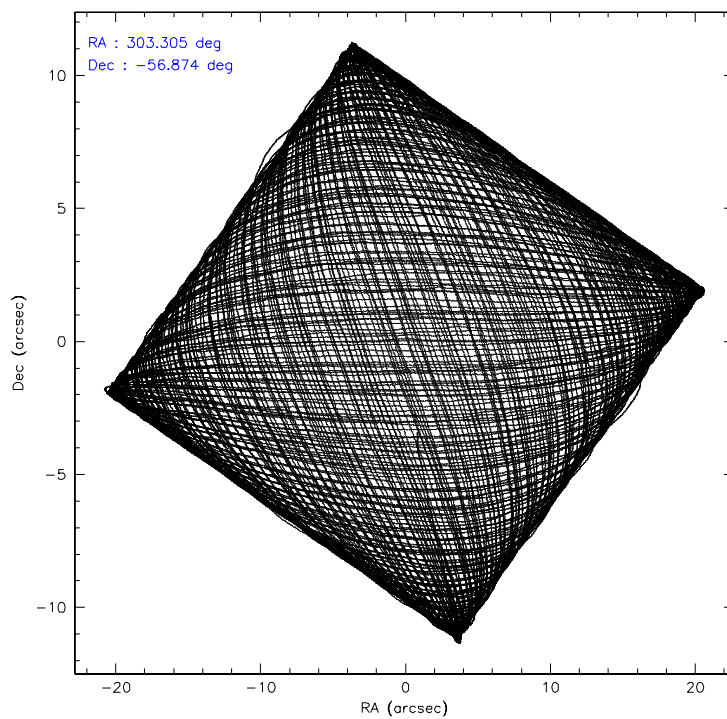
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	762576	776064	946486	1051427	874671
rejected events	656727	658897	772033	730618	722749
rejected %	86%	84%	81%	69%	82%

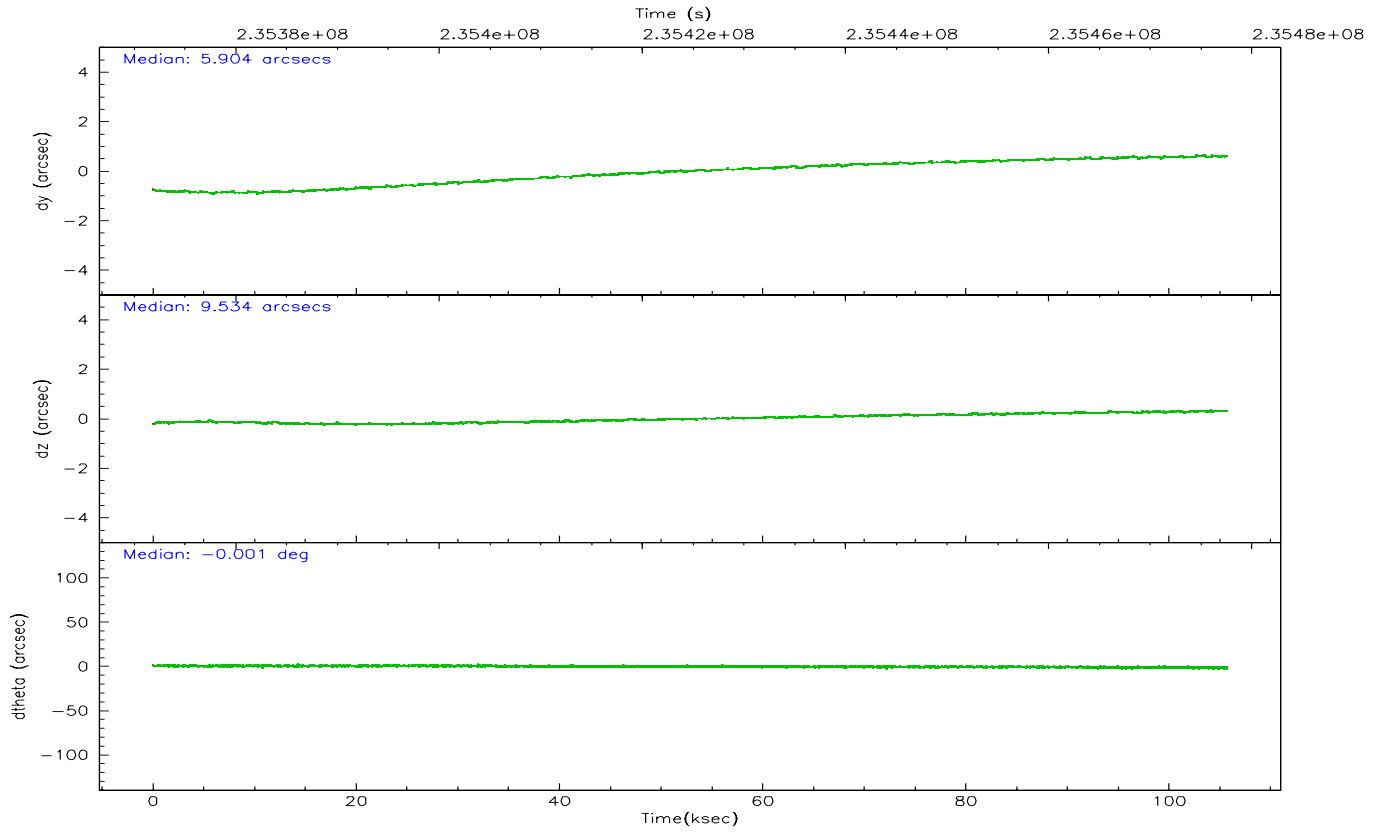
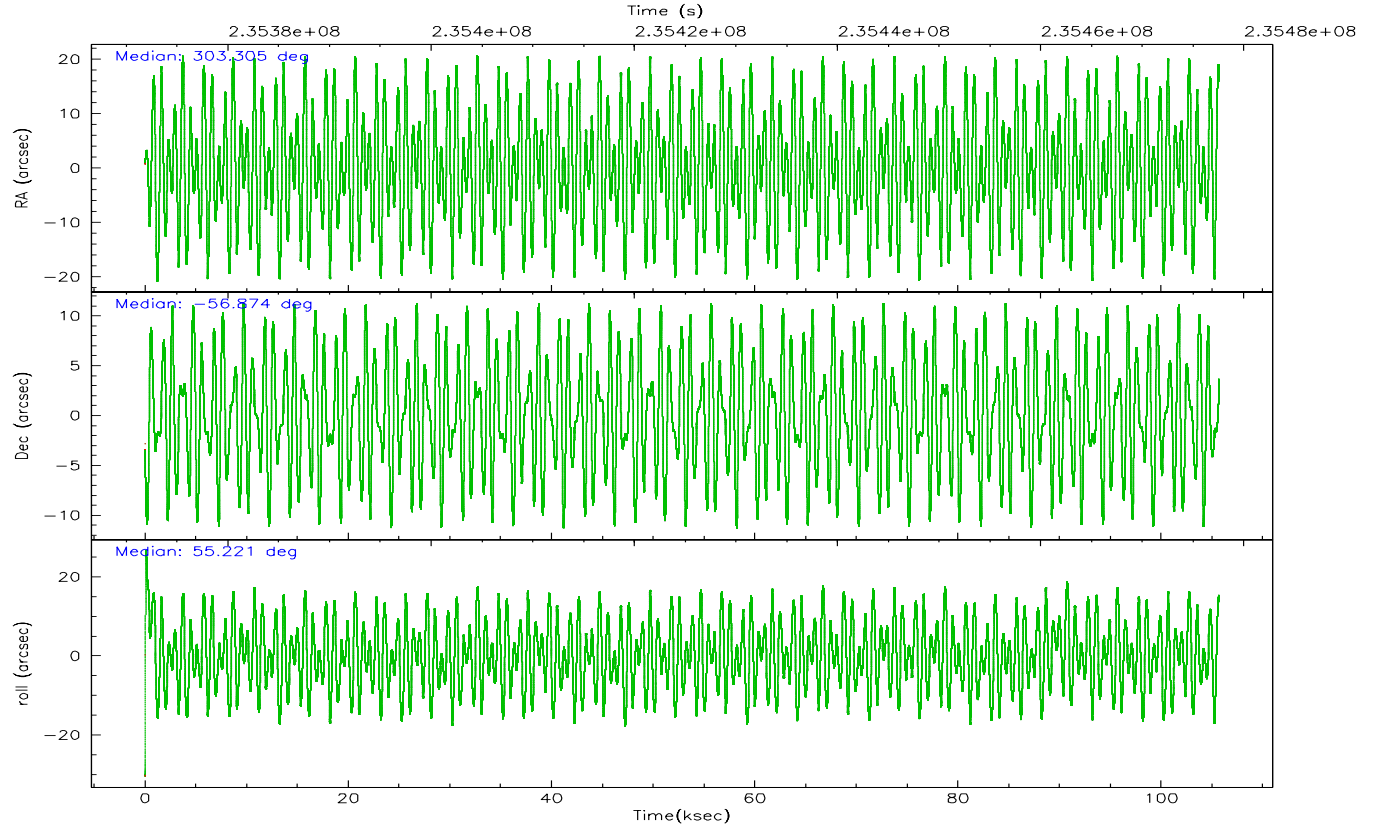
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	50949	57809	108309	230353	88027
	6%	7%	11%	21%	10%
grade 1 events	526	489	913	1742	620
	0%	0%	0%	0%	0%
grade 2 events	21575	21799	27606	39450	24390
	2%	2%	2%	3%	2%
grade 3 events	9326	10310	11097	15404	10777
	1%	1%	1%	1%	1%
grade 4 events	8823	9872	11402	15625	10501
	1%	1%	1%	1%	1%
grade 5 events	23542	25462	22863	27855	26349
	3%	3%	2%	2%	3%
grade 6 events	15176	17380	16042	19992	18233
	1%	2%	1%	1%	2%
grade 7 events	632659	632943	748254	701006	695774
	82%	81%	79%	66%	79%

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	303.300906	303.3048720350712	Alternating exposures requested	N	N
Pointing Dec	-56.901170	-56.87388829006181	Primary exposure time	0.000000	3.1
Pointing Roll	55.009236	55.22124013908336			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-228.592463	-228.5990329025337			
SIM translation stage offset (mm)	-5	-4.993420100396037			
Observation start time	235372561.184000	235371366.00502			
Observation start date	2005-06-17T05:14:57	2005-06-17T04:56:06			
Observation end time	235477561.184000	235479050.45993			
Observation end date	2005-06-18T10:24:57	2005-06-18T10:50:50			
Read mode	TIMED	TIMED			

2.3 Aspect



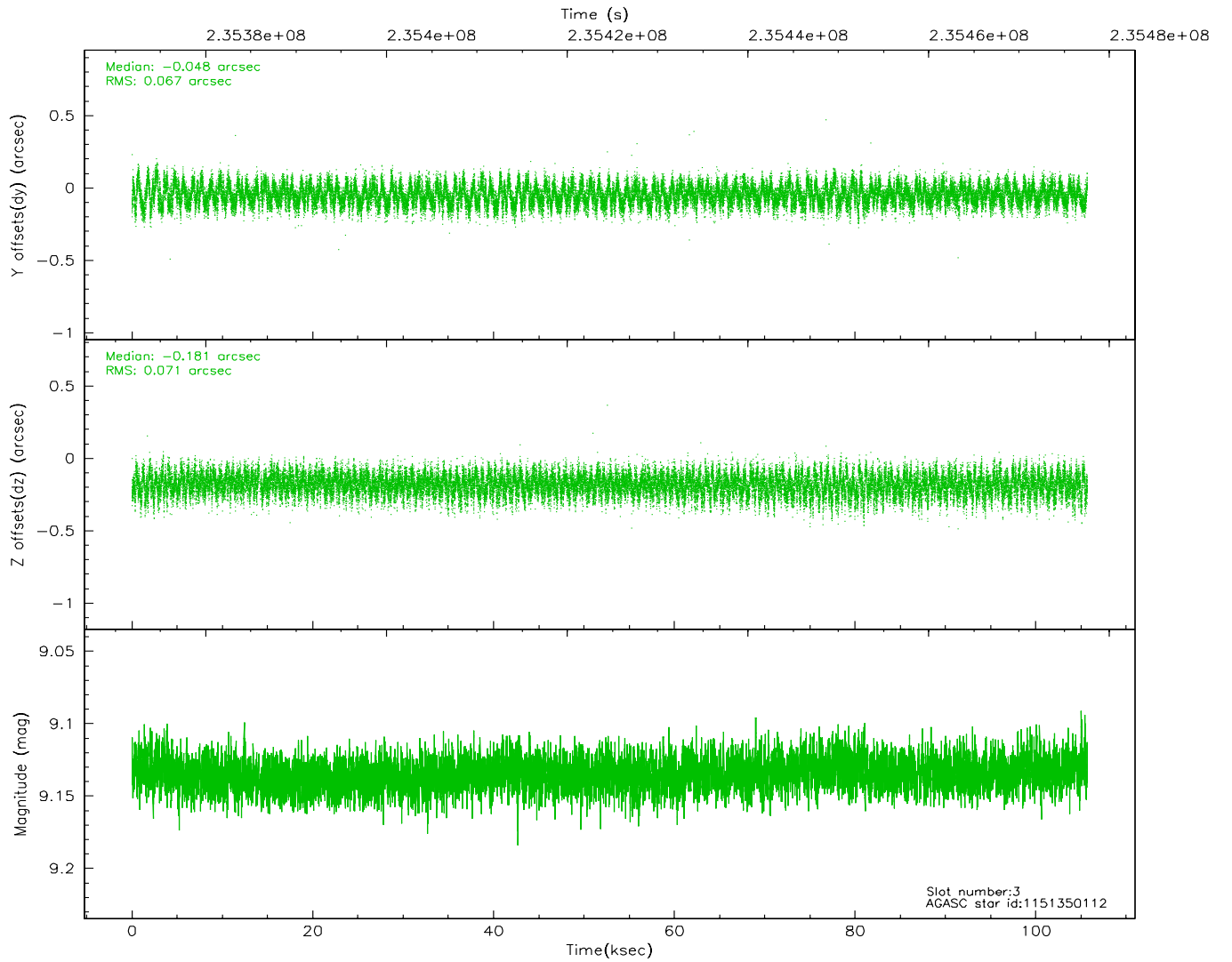
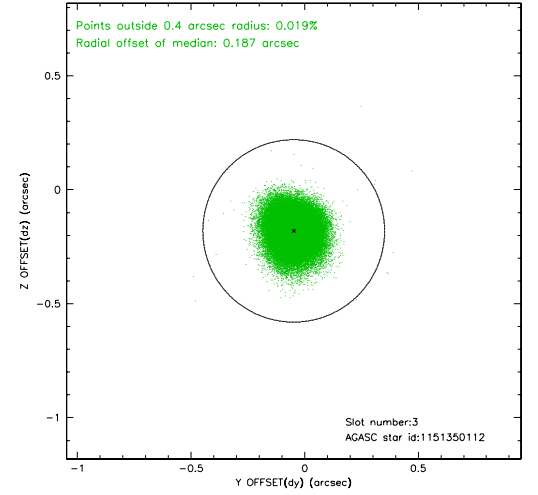
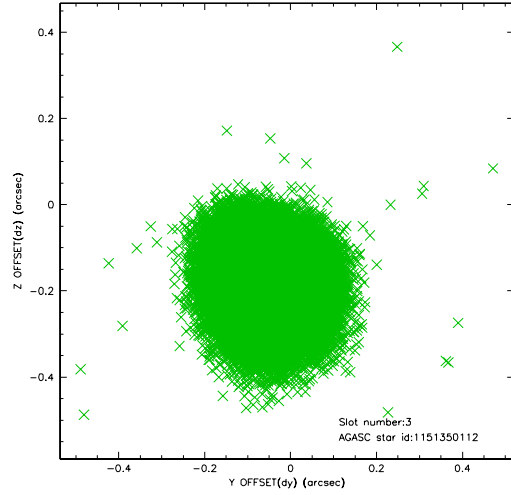


Slot Statistics

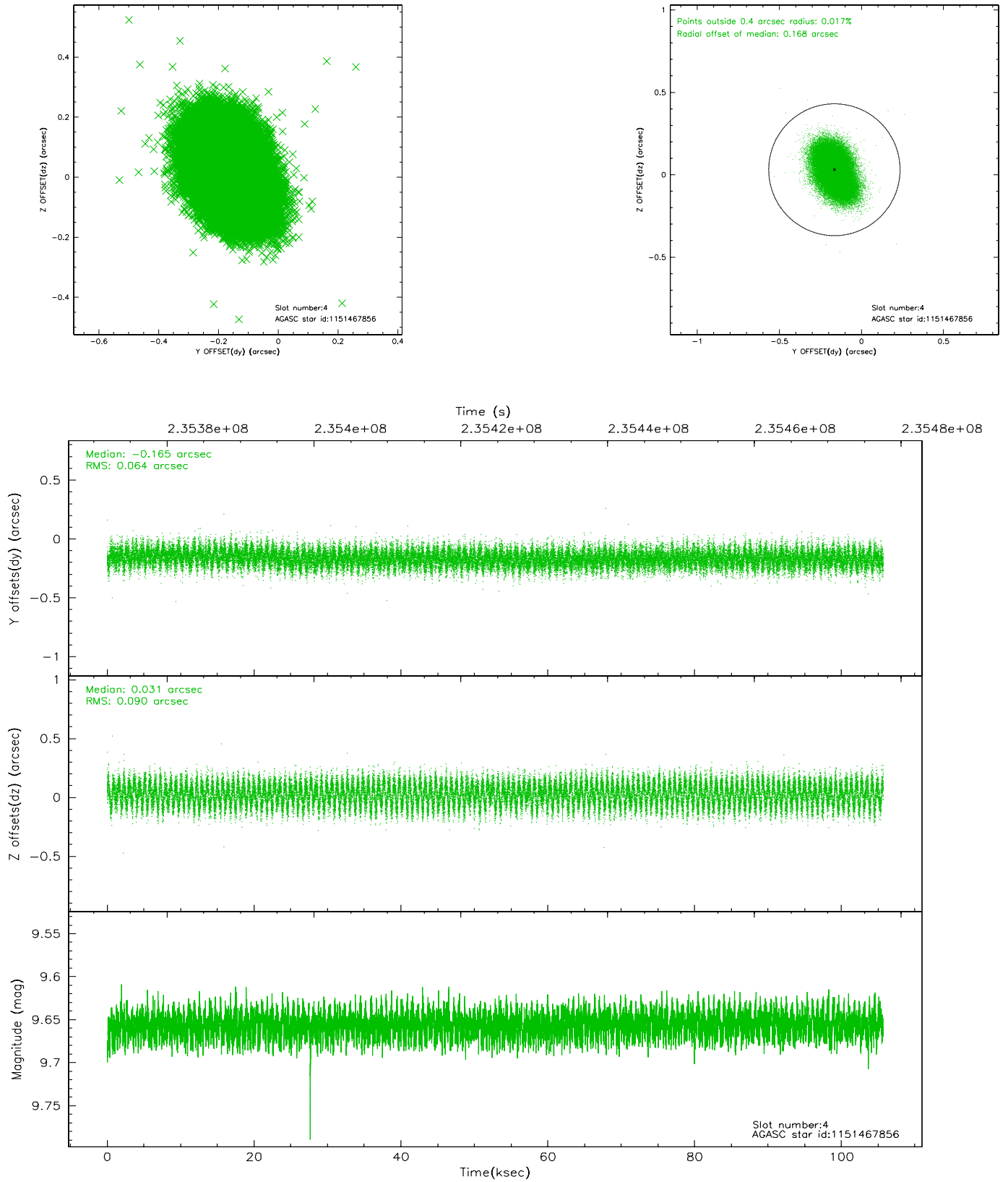
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	25785	0.079	-0.002	0.014	0.028	0.000000	0.000000	933.85	-935.50
1	FID	ACIS-I-5	7.22	25785	-0.200	0.095	0.014	0.034	0.000000	0.000000	-1814.55	962.18
2	FID	ACIS-I-6	7.25	25782	0.032	-0.020	0.010	0.018	0.000000	0.000000	399.50	1606.43
3	GUIDE	1151350112	9.13	51459	-0.048	-0.181	0.105	0.163	303.241865	-56.846660	94.28	207.75
4	GUIDE	1151467856	9.66	51519	-0.165	0.031	0.118	0.189	303.931677	-56.775960	1078.22	-763.91
5	GUIDE	1151472992	9.62	51519	-0.062	0.209	0.108	0.171	303.531180	-57.237033	-733.70	-1060.93
6	GUIDE	1151340776	9.07	51550	0.074	-0.029	0.082	0.137	302.320116	-57.331751	-2373.68	664.77
7	GUIDE	1151471240	9.45	51506	0.202	-0.016	0.089	0.145	303.425045	-57.451391	-1484.66	-1332.80

2.4 Star Slots

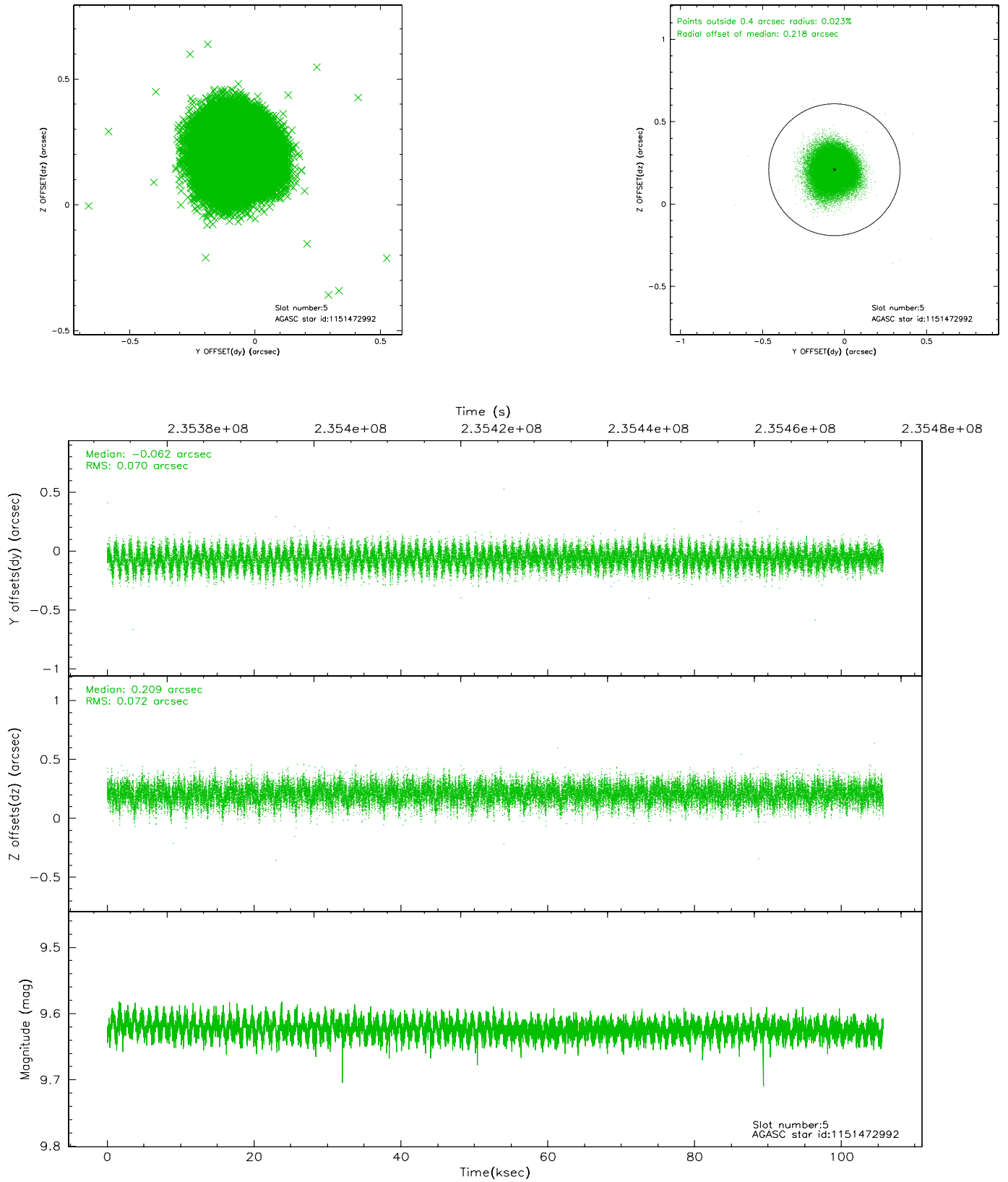
2.4.1 Slot 3



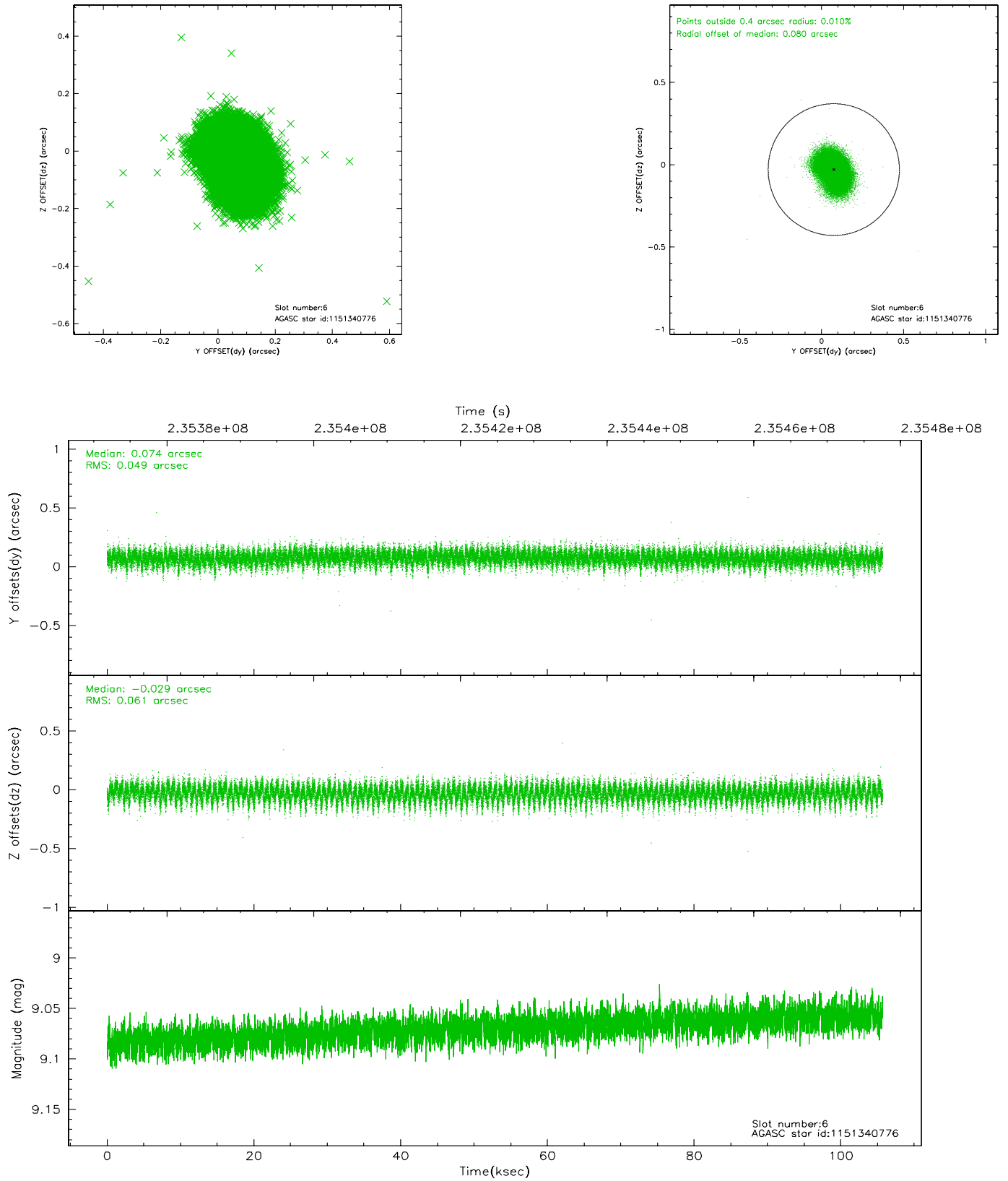
2.4.2 Slot 4



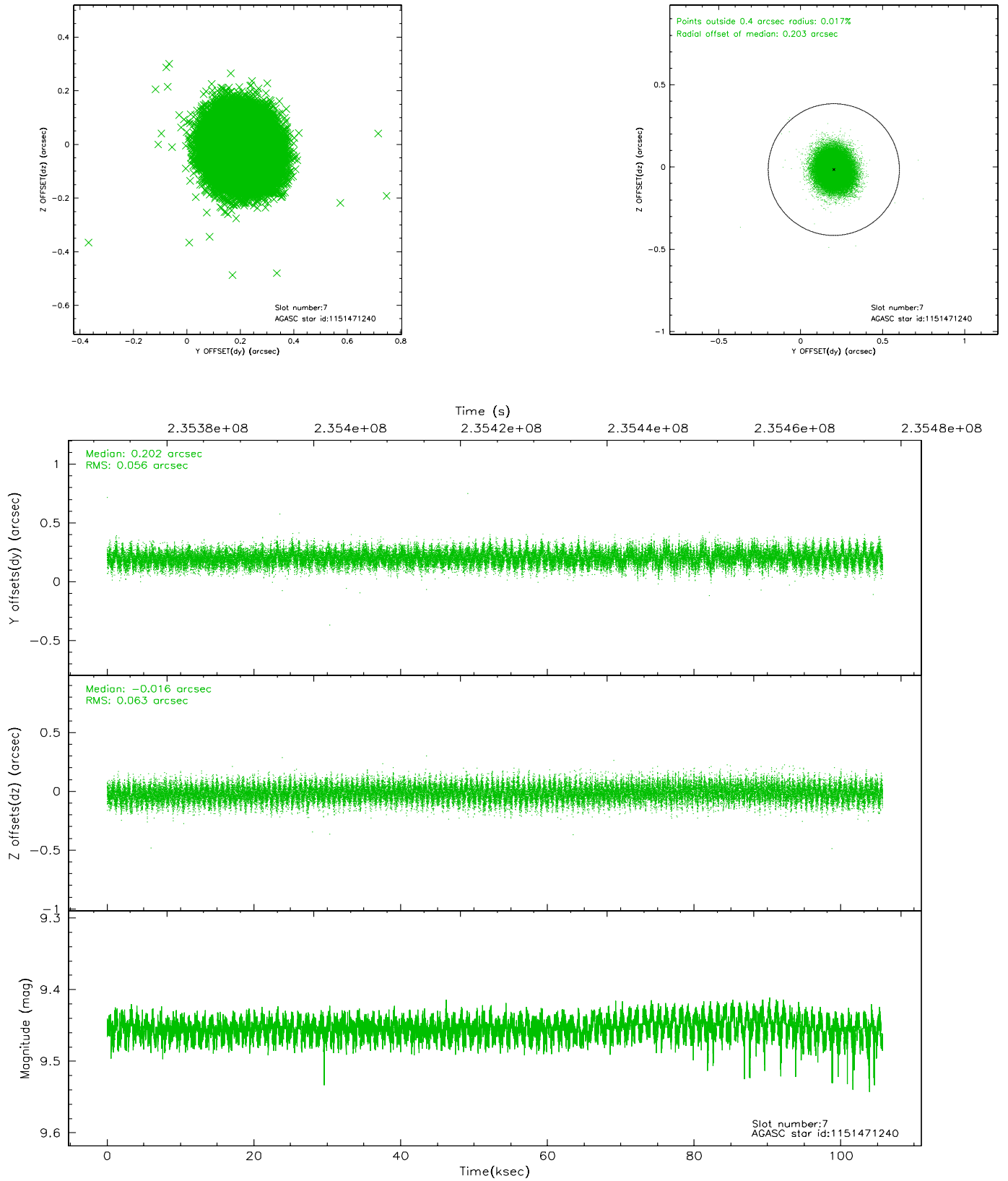
2.4.3 Slot 5



2.4.4 Slot 6

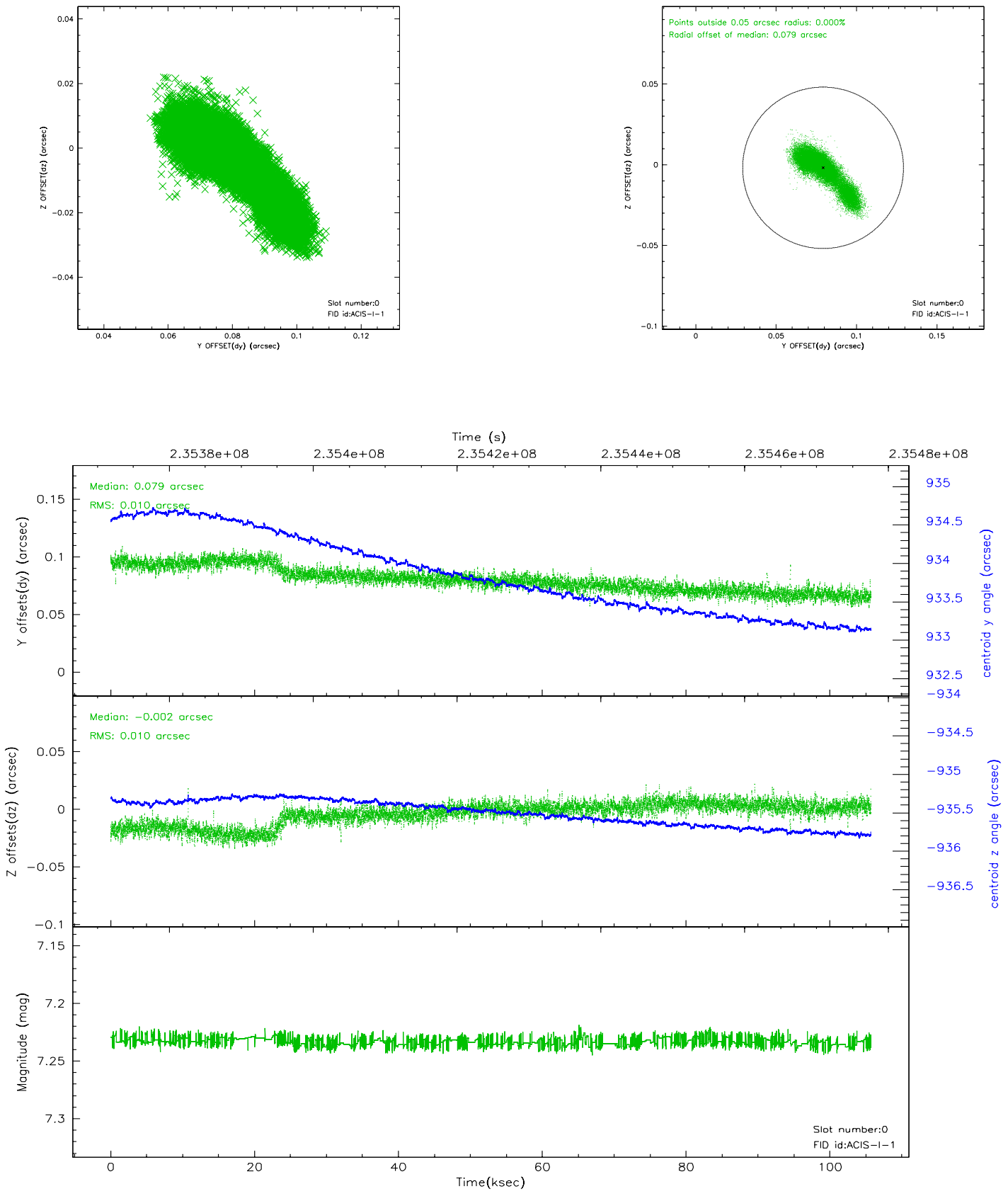


2.4.5 Slot 7

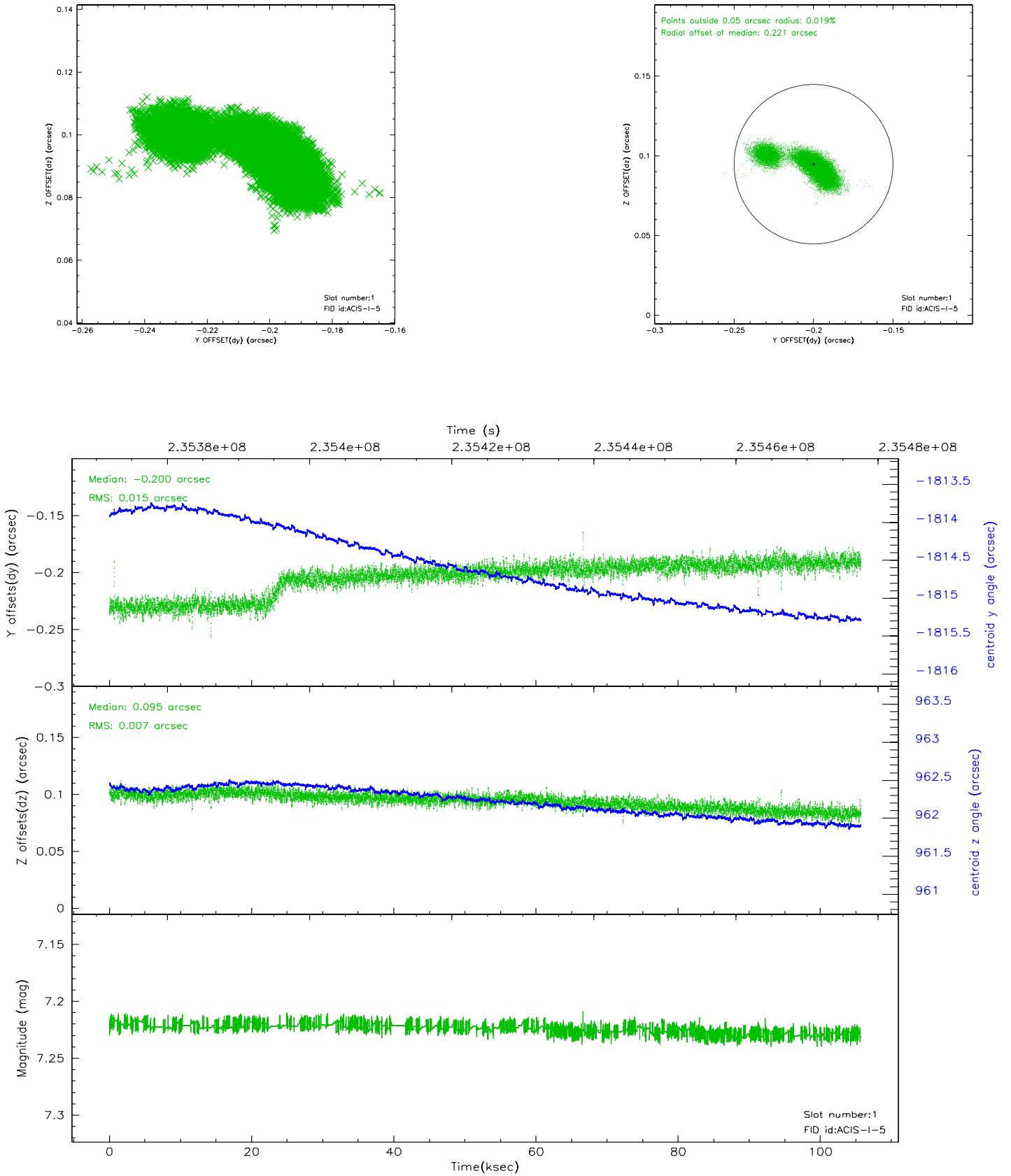


2.5 FID Slots

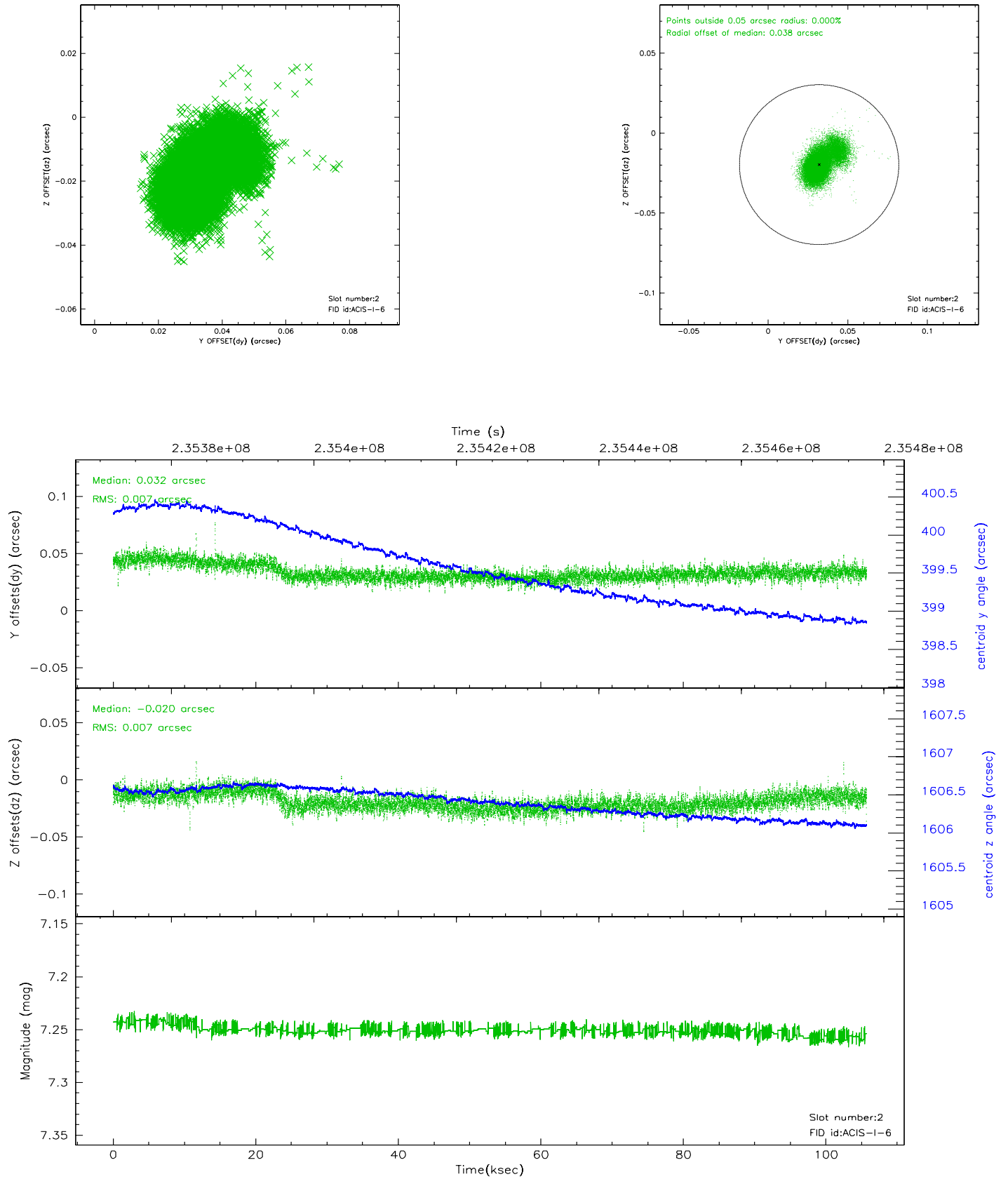
2.5.1 Slot 0



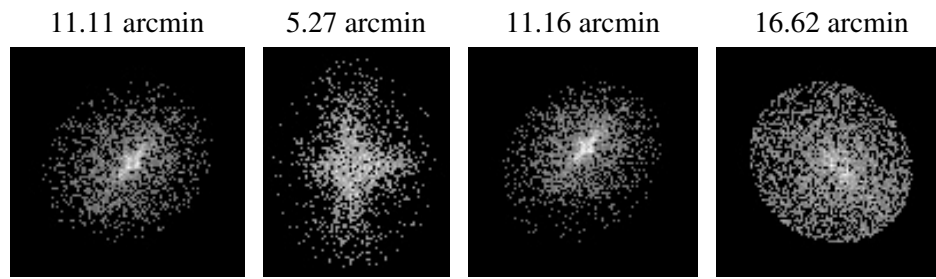
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	105.006

A.2 Comments