

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5027 - L2 Version 001
Chandra X-Ray Center

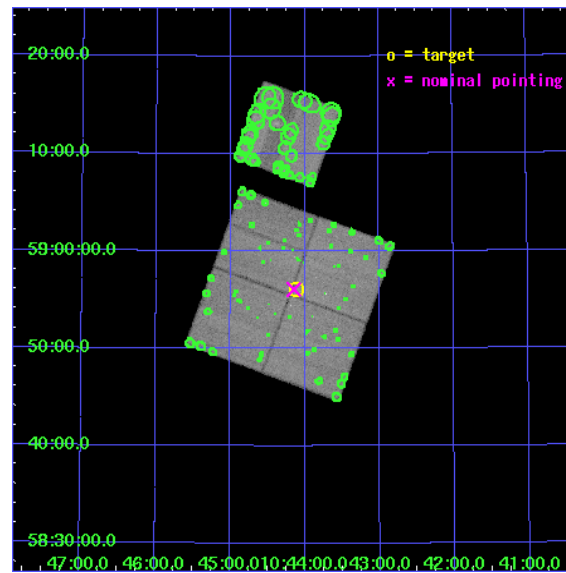
L2 Processing Date : Apr 17 2006

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1 Front

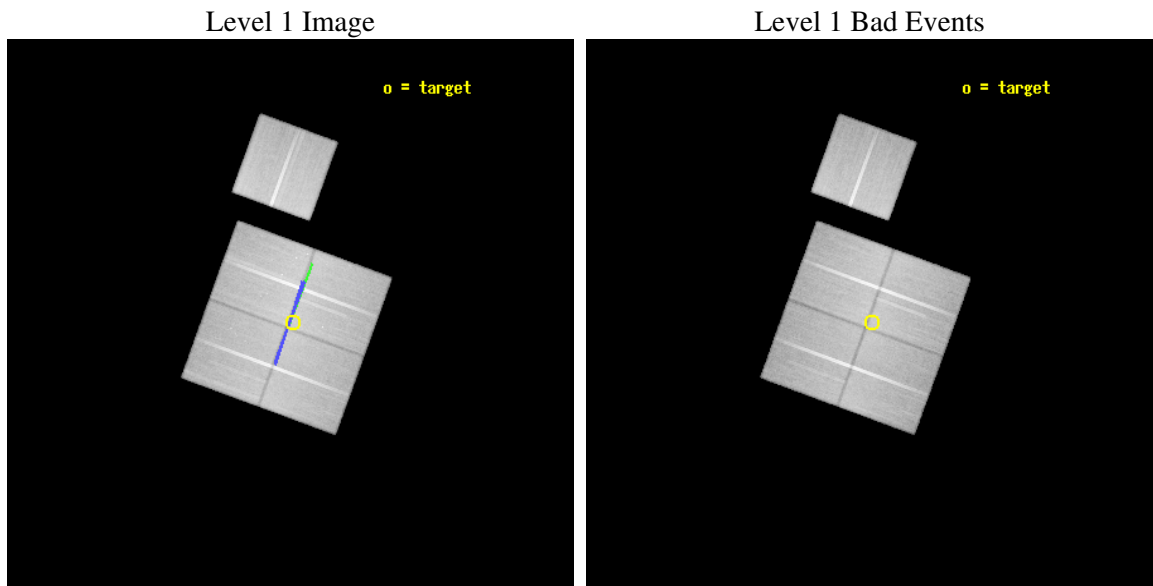
seq_num	900334
obs_id	5027
title	The Balance of Power between Starbursts and AGN: a Chandra/SIRTf Survey.
observer	Dr. BELINDA WILKES
object	SWIRE LOCKMAN 4
dtcycle	0
cycle	P
ra_targ	161.027792
dec_targ	58.9348
ra_nom	161.03674411755
dec_nom	58.934562213023
roll_nom	20.073090441942
revision	2
ontime	67964.317918926
livetime	67076.314070713
ontime0	67964.317958713
ontime1	67970.599869311
ontime2	67964.317908943
ontime3	67964.317918926
ontime6	67948.613057792
l2events	377191



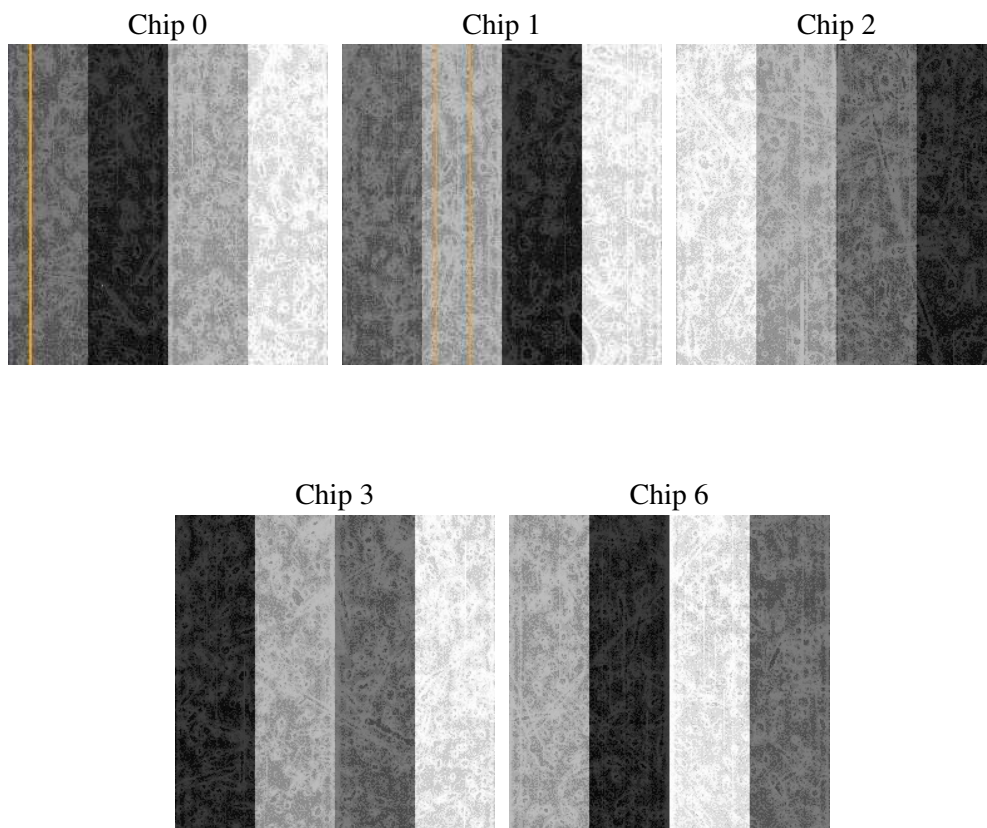
2 OBI

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	2006-04-17T21:57:33
revision	2

sched_exp_time	67793.000000
ontime	68420.438488156
ontime0	68420.438527942
ontime1	68426.720468432
ontime2	68420.438478172
ontime3	68420.438488156
ontime6	68404.733627021
l1events	2857962

2.1.4 Events

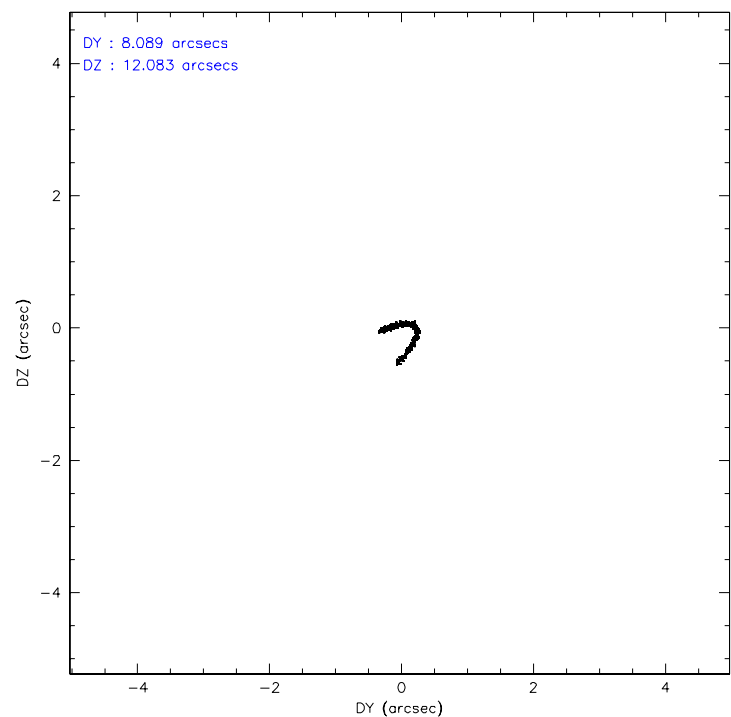
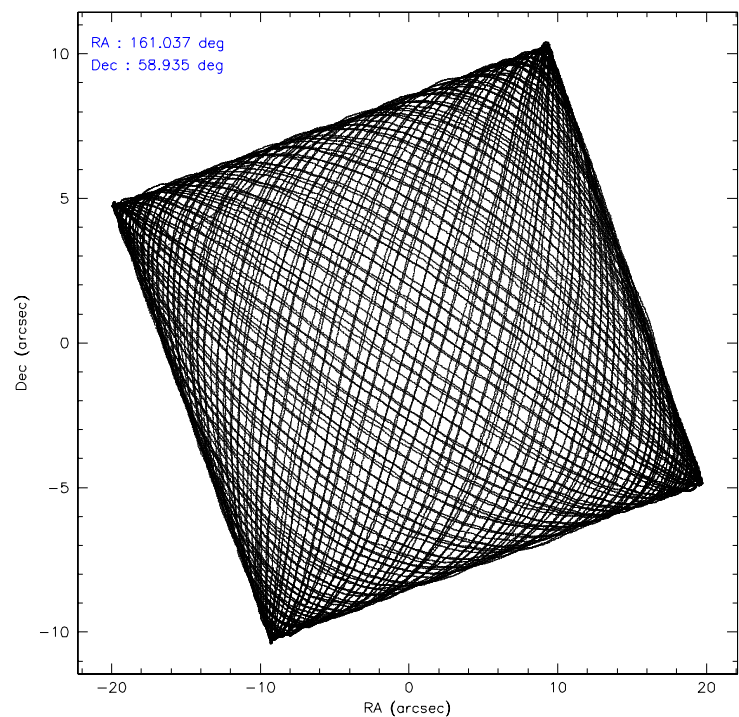
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	526946	542597	612675	587758	587986
rejected events	434906	452928	516370	501013	499748
rejected %	82%	83%	84%	85%	84%

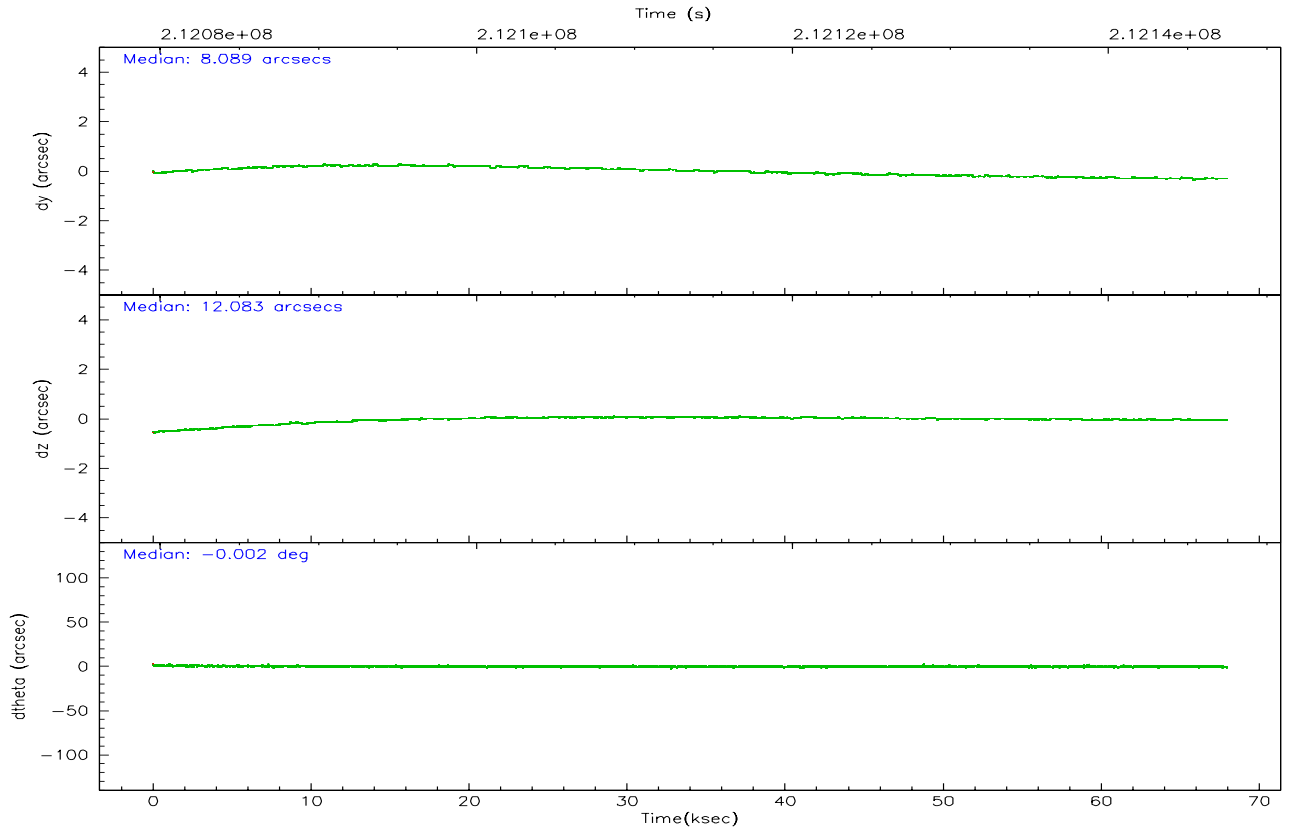
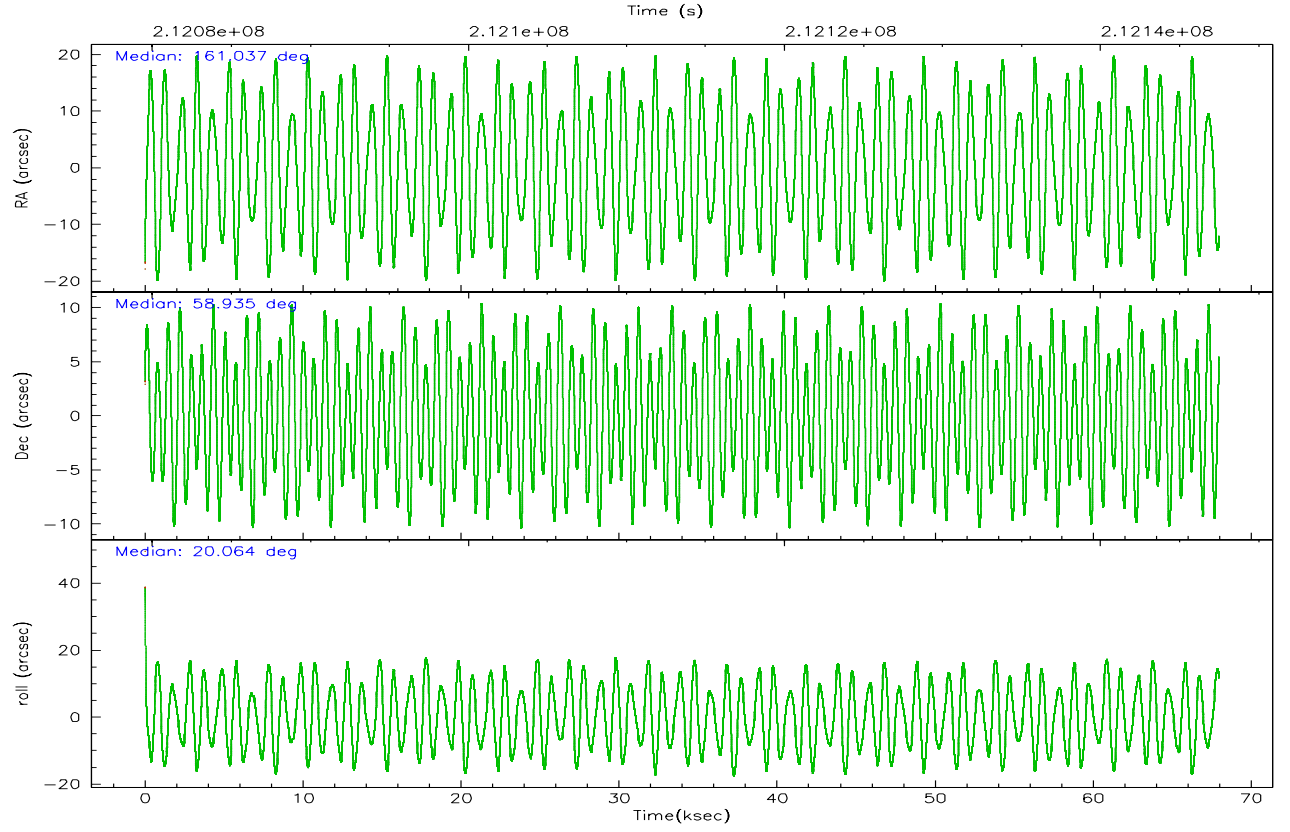
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	37966	32101	43158	34316	34732
	7%	5%	7%	5%	5%
grade 1 events	380	287	426	344	322
	0%	0%	0%	0%	0%
grade 2 events	23941	25353	22622	22035	23882
	4%	4%	3%	3%	4%
grade 3 events	6310	6694	5896	6133	6046
	1%	1%	0%	1%	1%
grade 4 events	6163	6592	7937	6406	6120
	1%	1%	1%	1%	1%
grade 5 events	20556	21373	19844	22683	22599
	3%	3%	3%	3%	3%
grade 6 events	18108	19429	17131	18327	17865
	3%	3%	2%	3%	3%
grade 7 events	413522	430768	495661	477514	476420
	78%	79%	80%	81%	81%

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	161.002893	161.0367441175488	Alternating exposures requested	N	N
Pointing Dec	58.913495	58.93456221302294	Primary exposure time	0.000000	3.1
Pointing Roll	19.893390	20.07309044194197			
Roll angle	19.200000	19.200000			
Roll tolerance	1.800000	1.800000			
Roll constraint allows 180D rotation	Y	Y			
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	212079717.184000	212078498.76516			
Observation start date	2004-09-20T15:00:53	2004-09-20T14:41:38			
Observation end time	212147510.184000	212148750.7308			
Observation end date	2004-09-21T09:50:46	2004-09-21T10:12:30			
Read mode	TIMED	TIMED			

2.3 Aspect



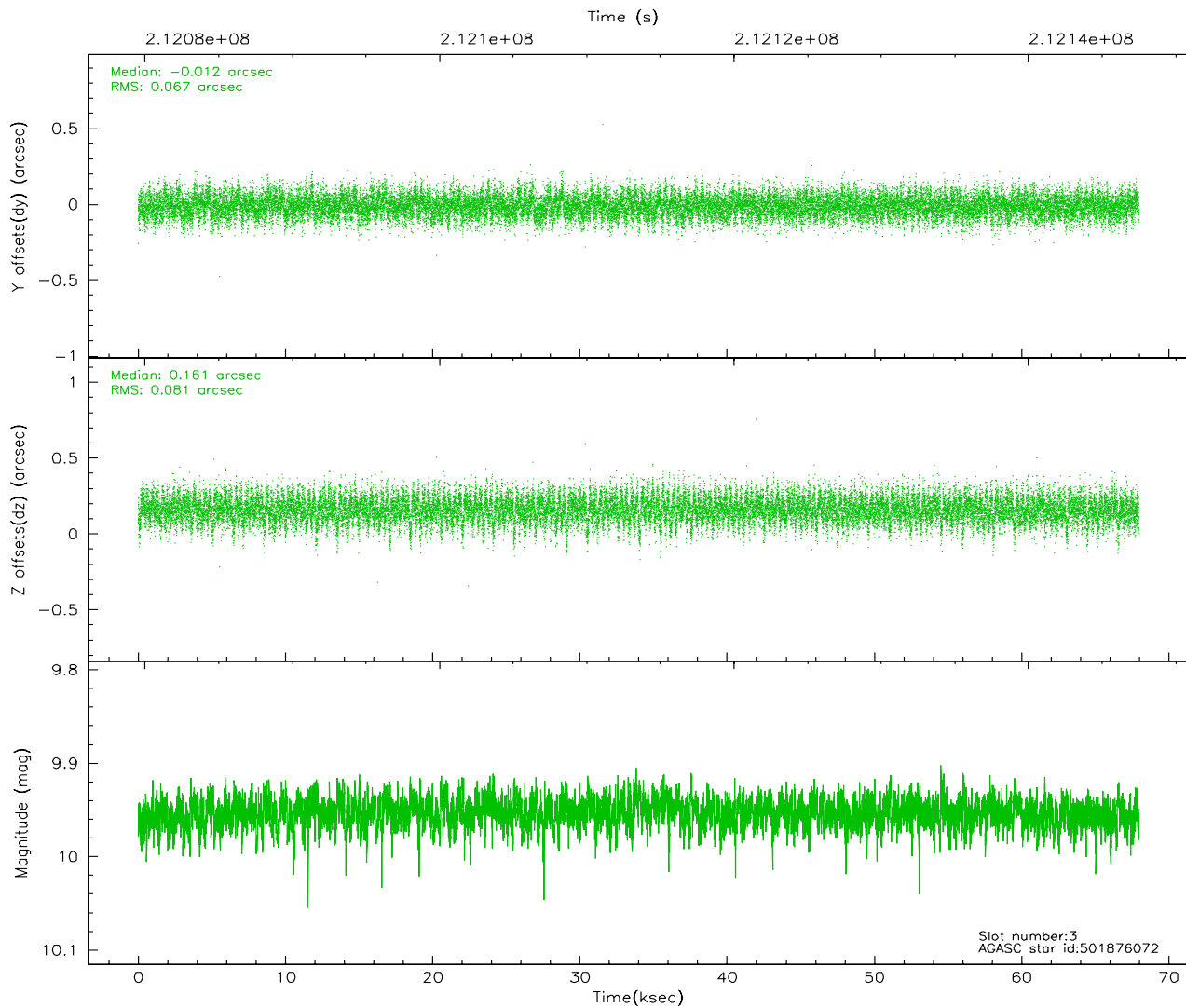
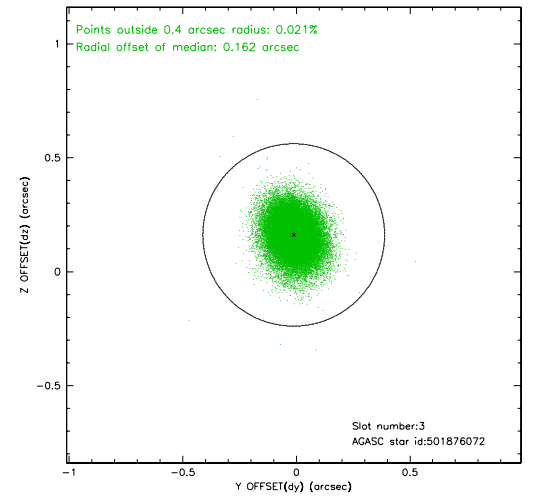
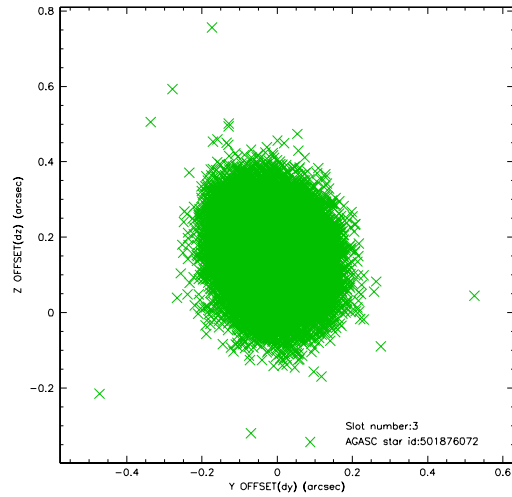


Slot Statistics

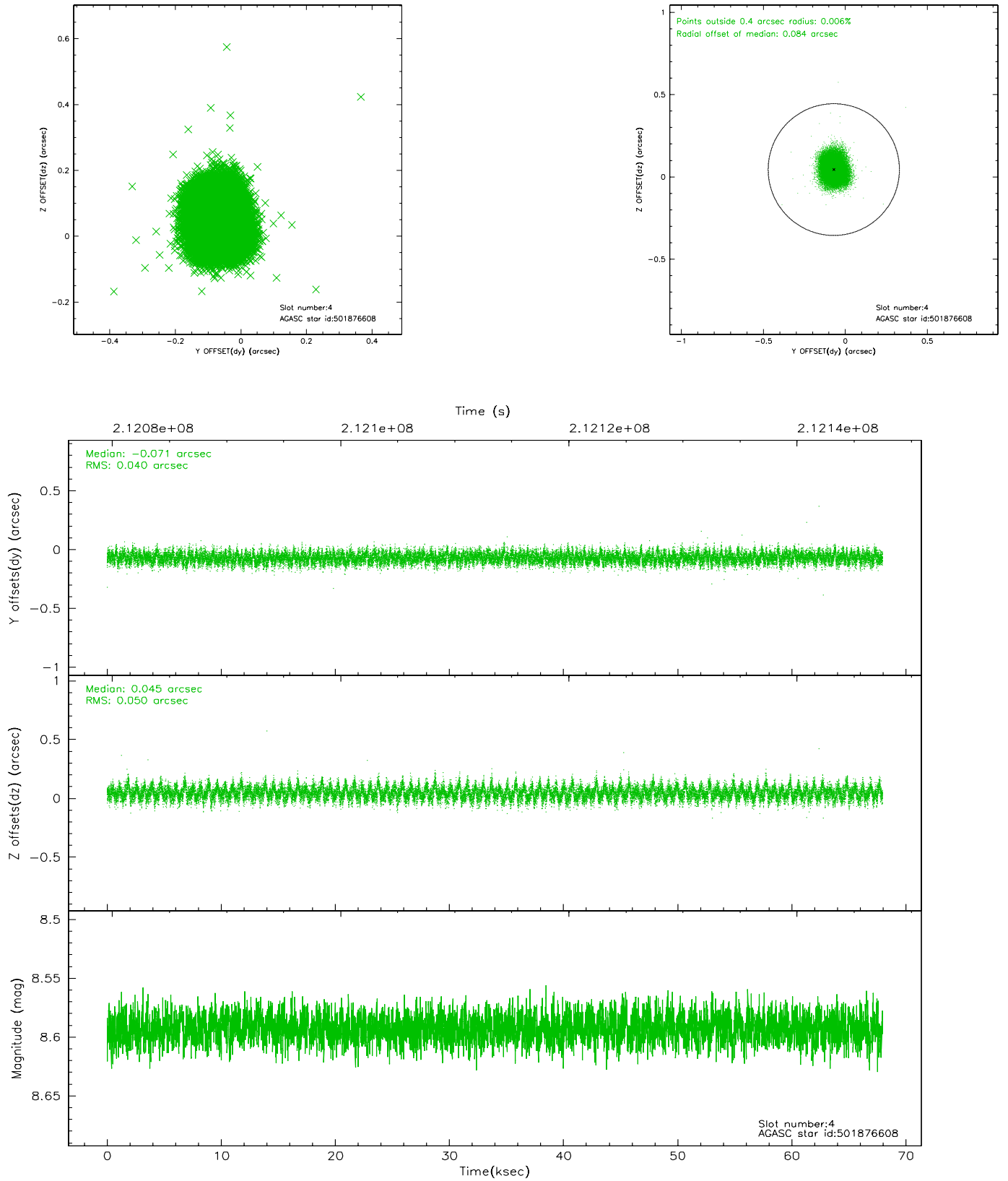
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	16581	-0.031	-0.041	0.009	0.015	0.000000	0.000000	931.54	-835.61
1	FID	ACIS-I-4	7.17	16578	0.105	0.067	0.011	0.018	0.000000	0.000000	2151.70	1064.32
2	FID	ACIS-I-5	7.22	16579	-0.172	0.045	0.014	0.022	0.000000	0.000000	-1816.66	1062.12
3	GUIDE	501876072	9.95	33121	-0.012	0.161	0.111	0.183	161.273533	58.620125	118.51	-1164.68
4	GUIDE	501876608	8.59	33148	-0.071	0.045	0.068	0.112	161.204341	58.717464	114.29	-791.29
5	GUIDE	501878216	8.98	33065	0.028	-0.097	0.069	0.114	161.663048	59.249982	1557.05	731.31
6	GUIDE	501882104	8.45	33151	0.127	-0.180	0.066	0.103	160.237120	59.342503	-793.71	1937.27
7	GUIDE	501880360	8.30	33155	-0.075	0.072	0.060	0.097	161.850113	59.665463	2372.94	2031.06

2.4 Star Slots

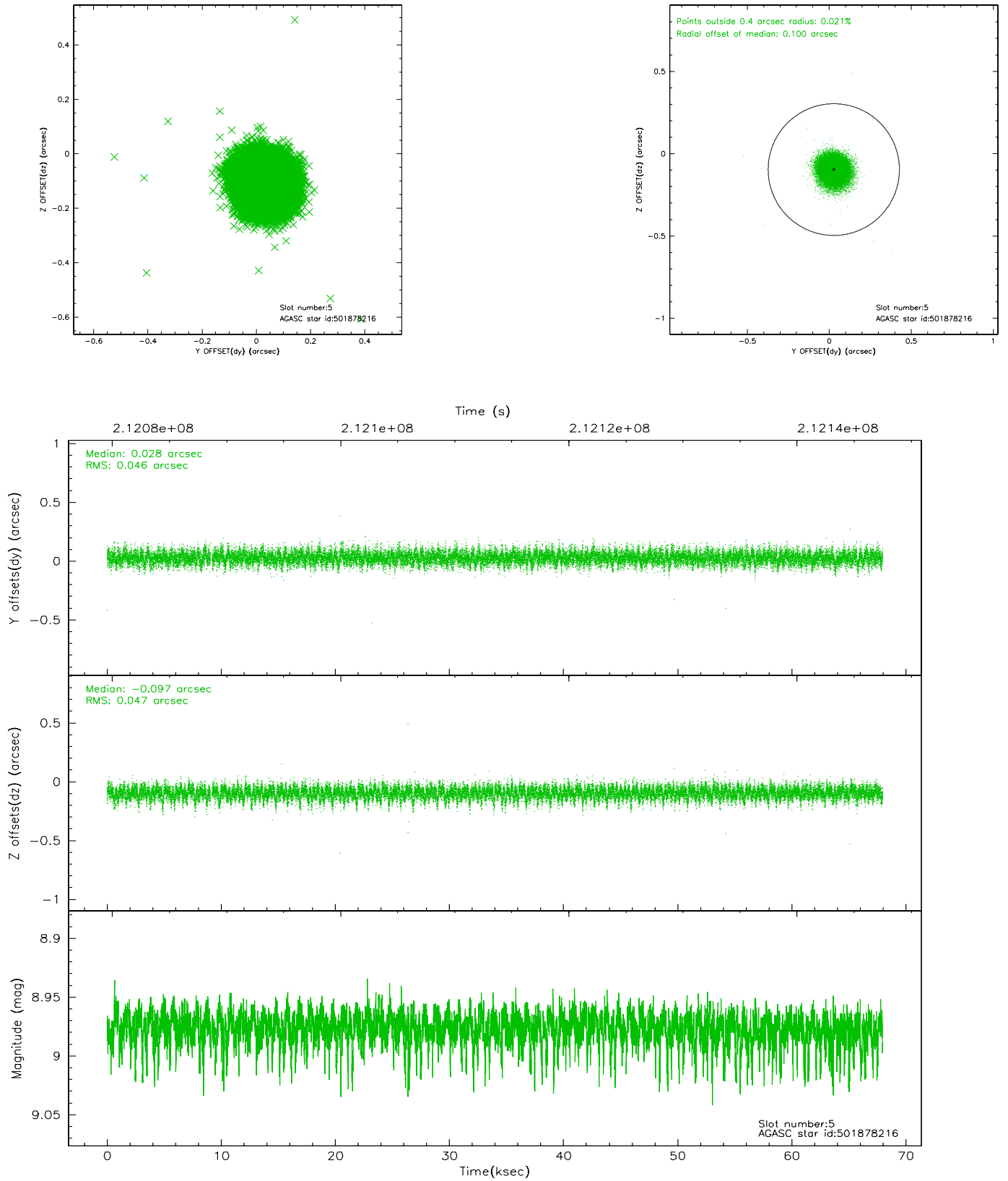
2.4.1 Slot 3



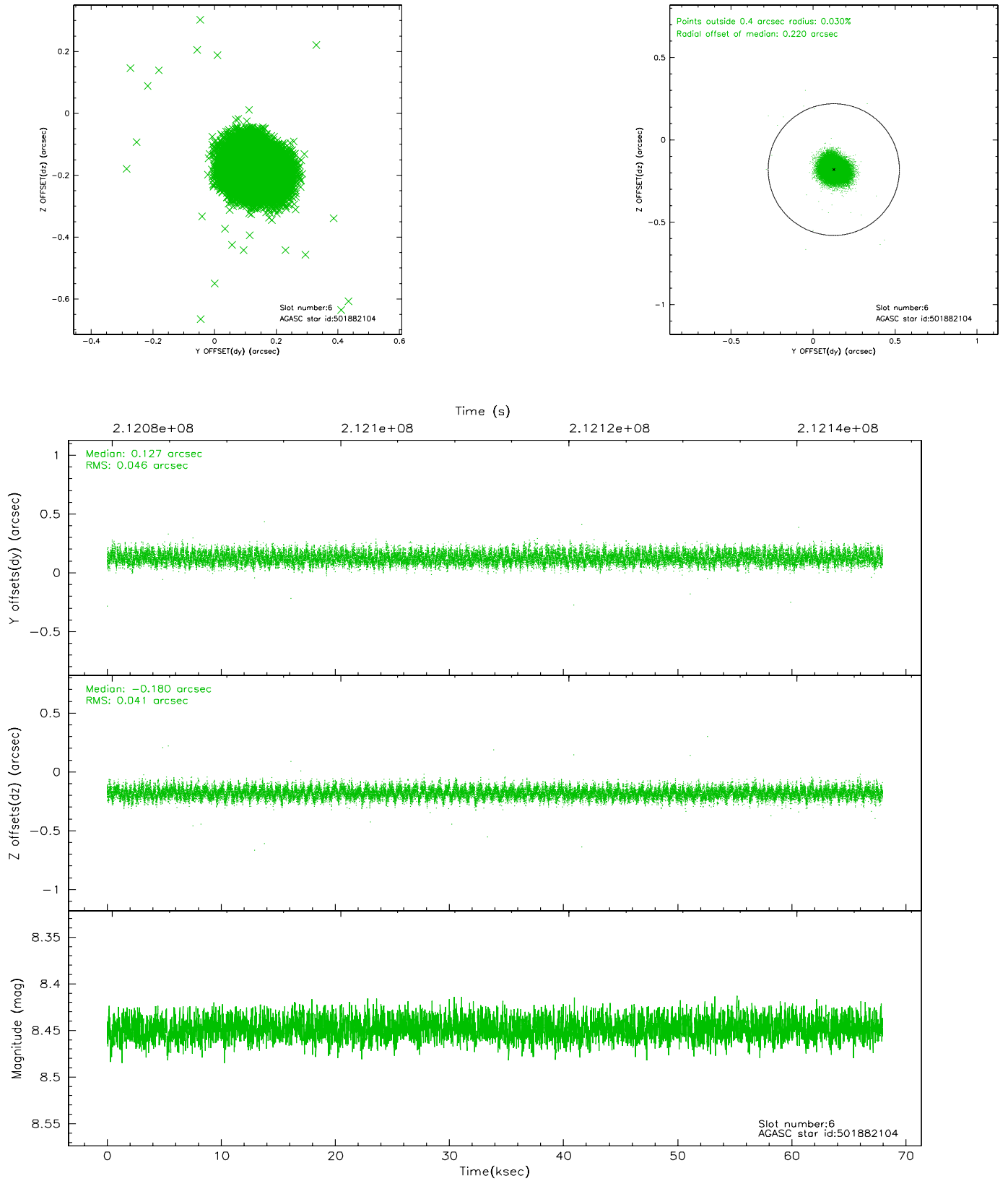
2.4.2 Slot 4



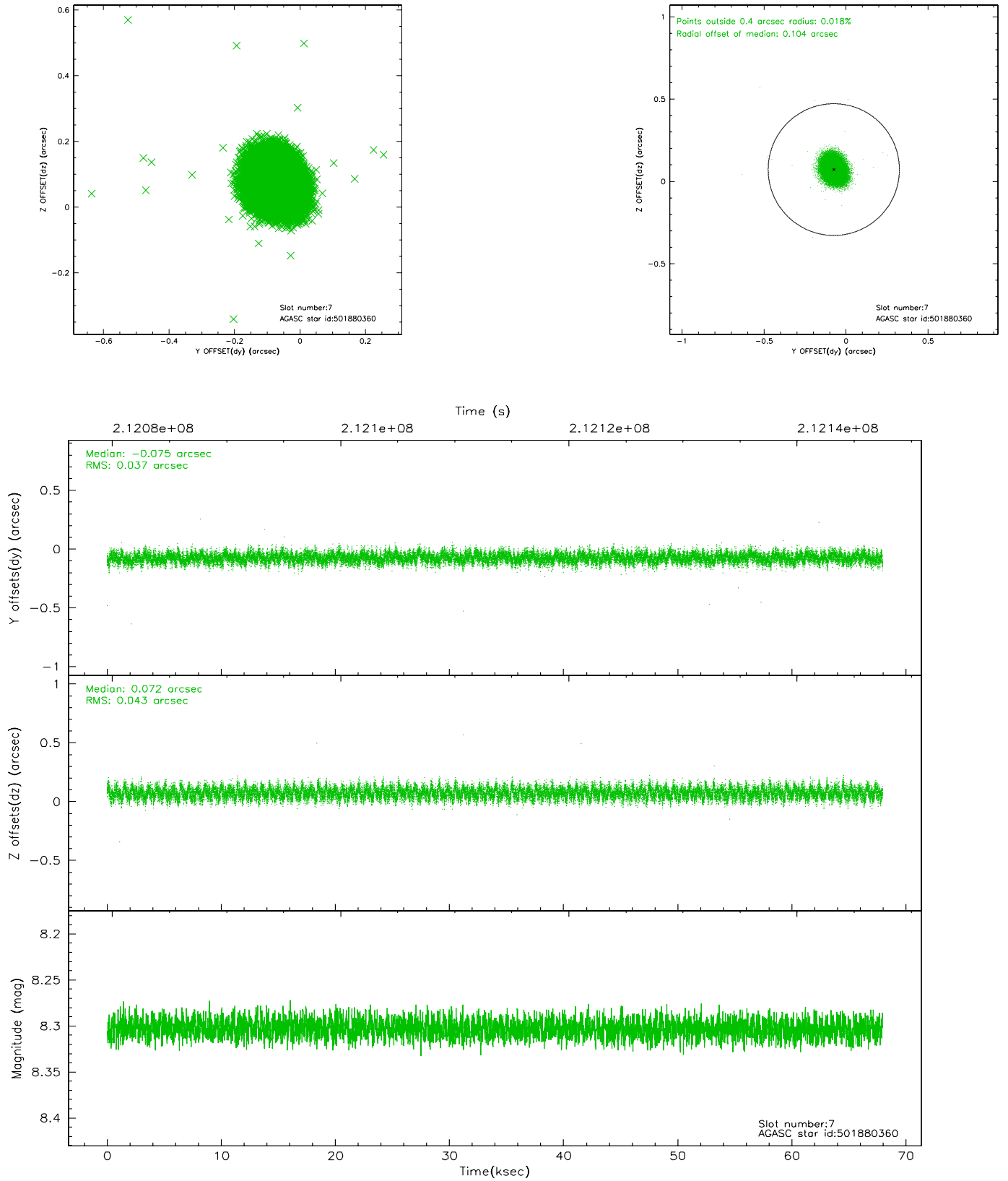
2.4.3 Slot 5



2.4.4 Slot 6

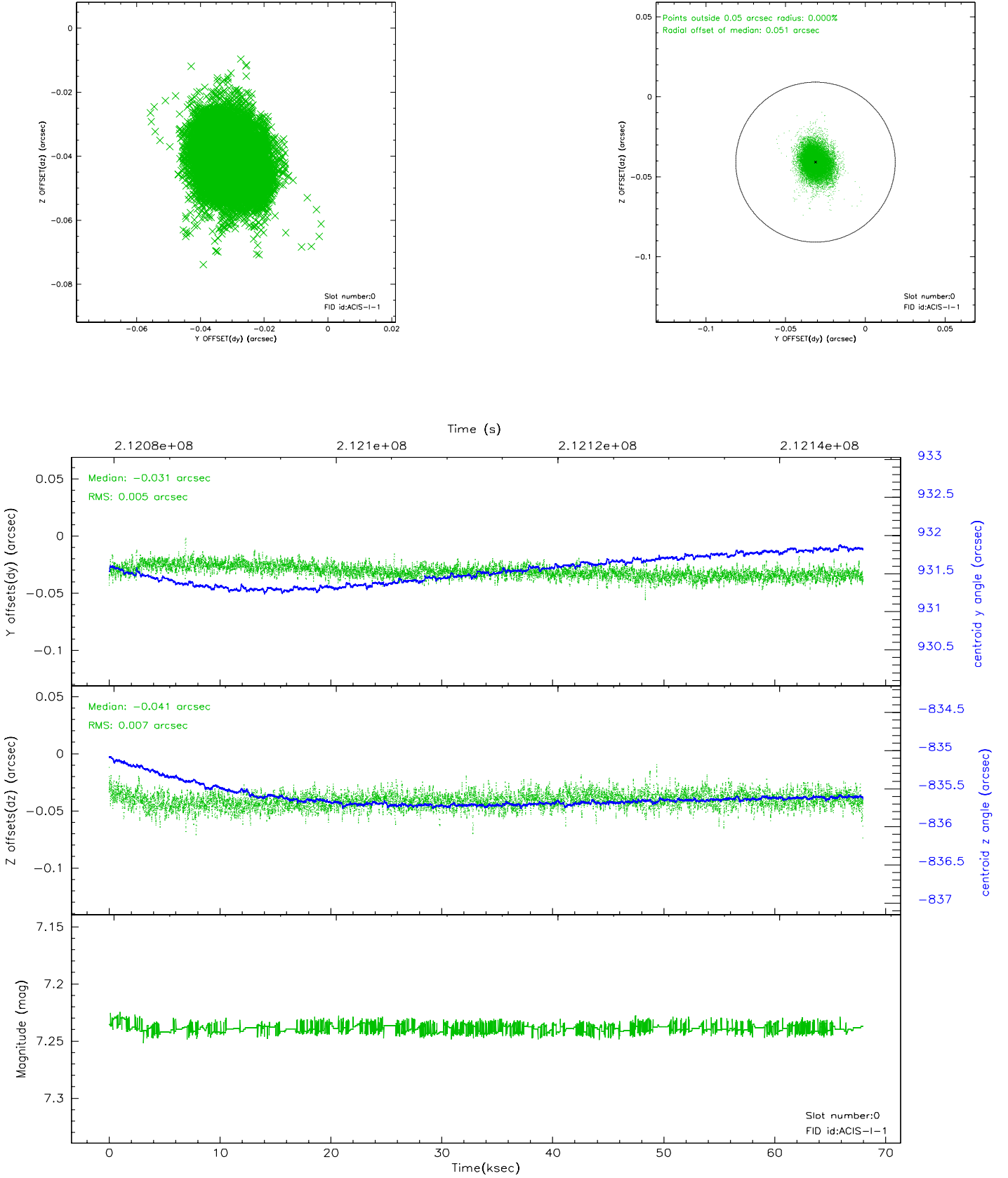


2.4.5 Slot 7

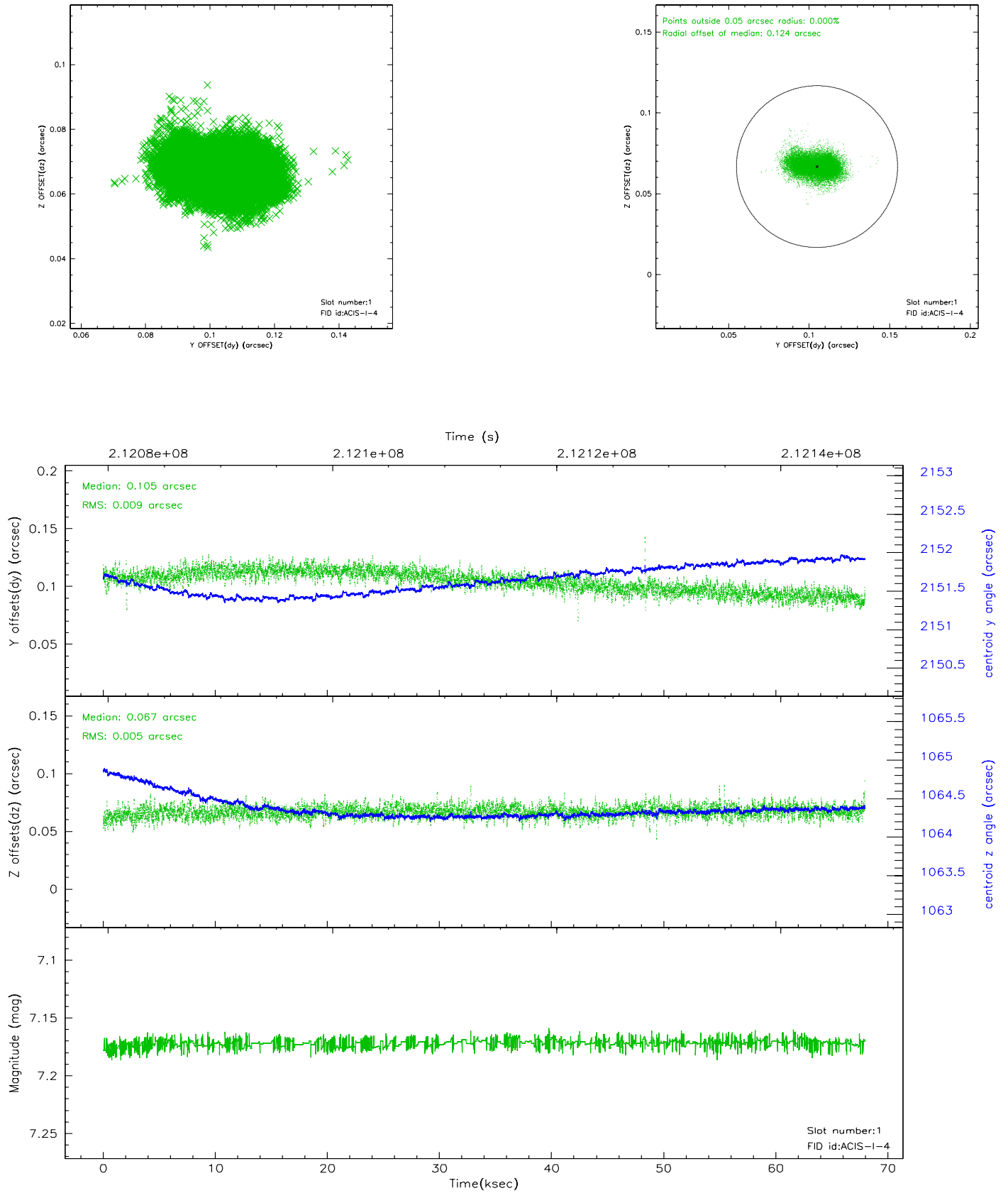


2.5 FID Slots

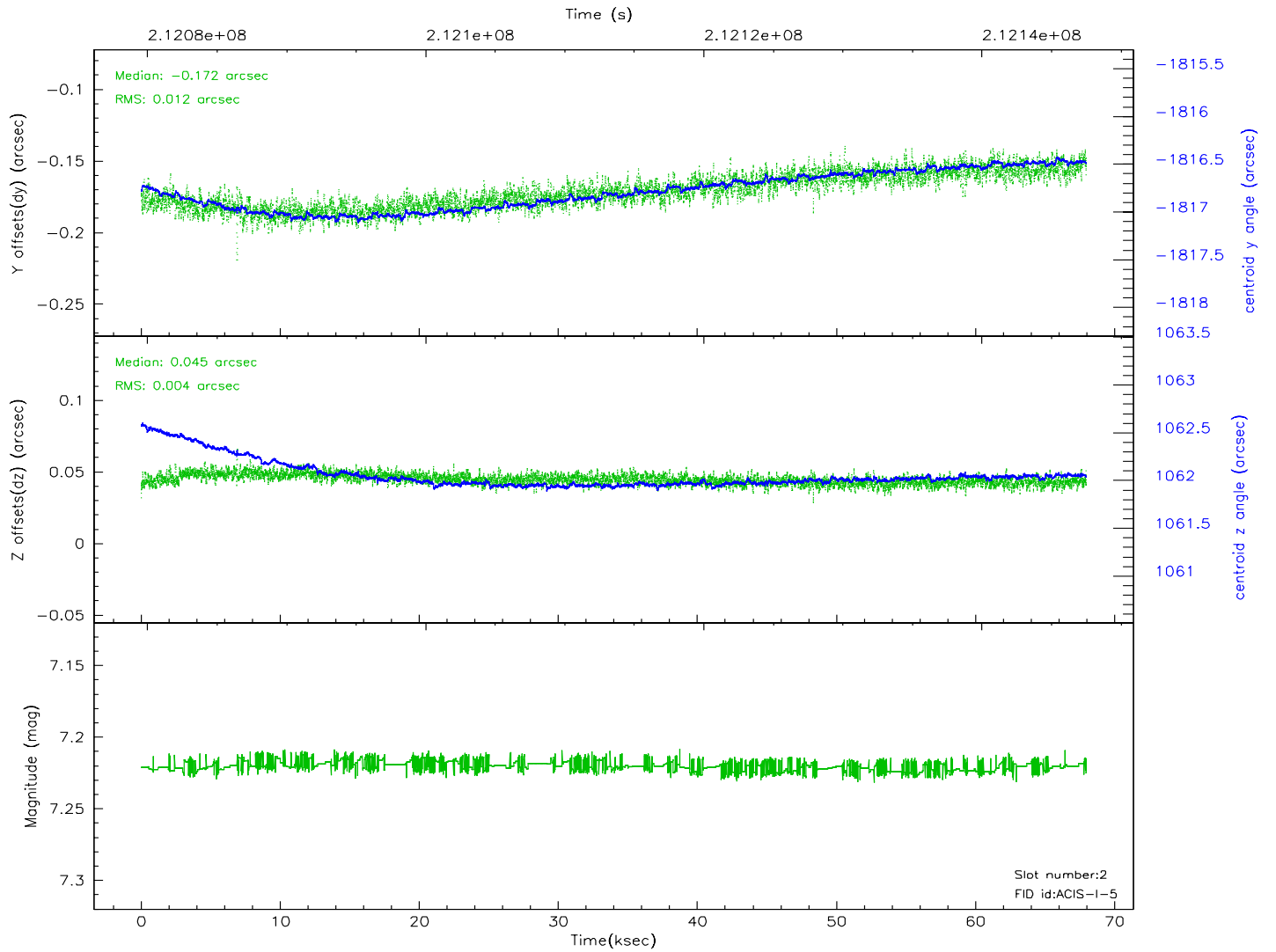
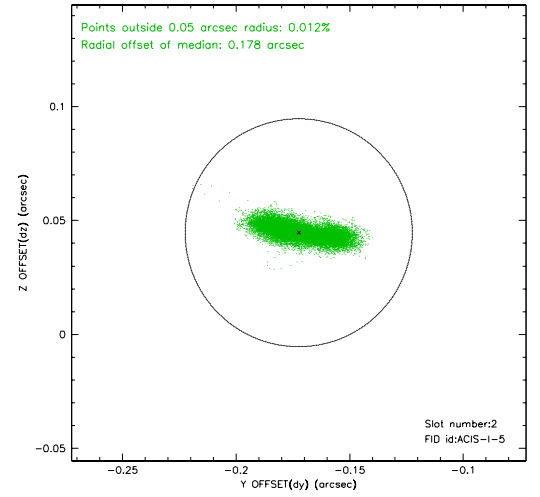
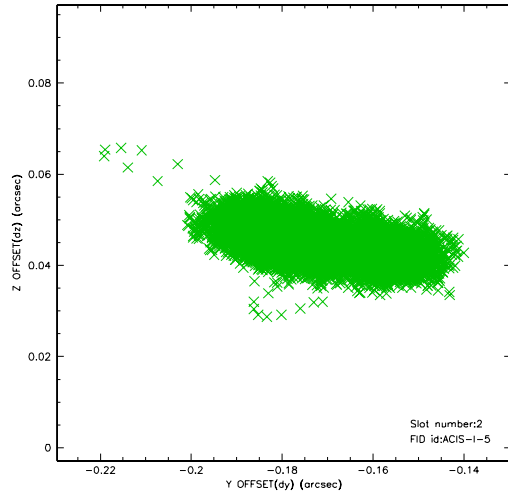
2.5.1 Slot 0



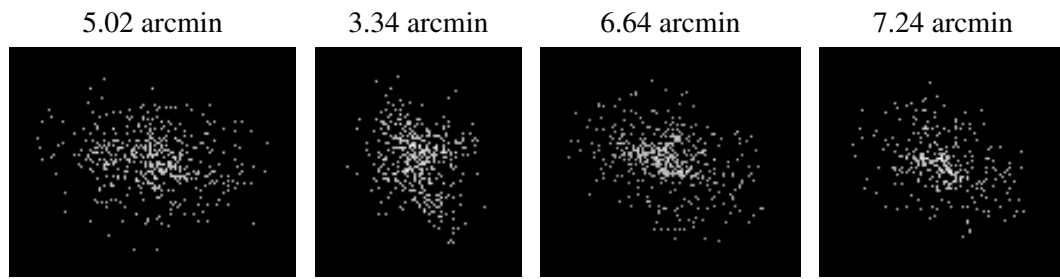
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	67.964

A.2 Comments

Roll constraint satisfied.