

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6292 - L2 Version 002
Chandra X-Ray Center

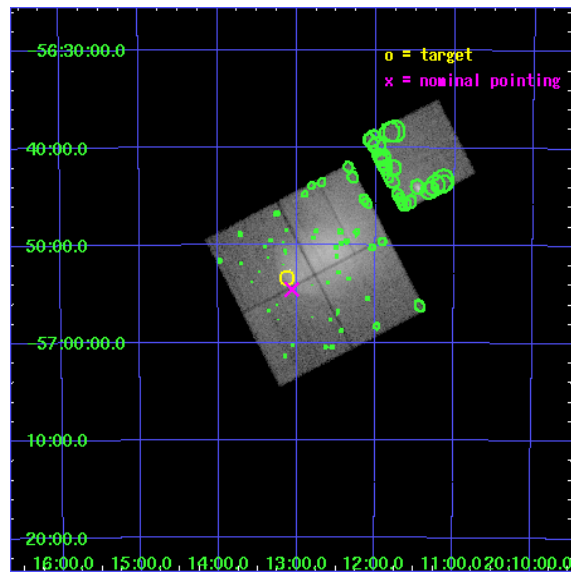
L2 Processing Date : Mar 10 2006

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1 Front

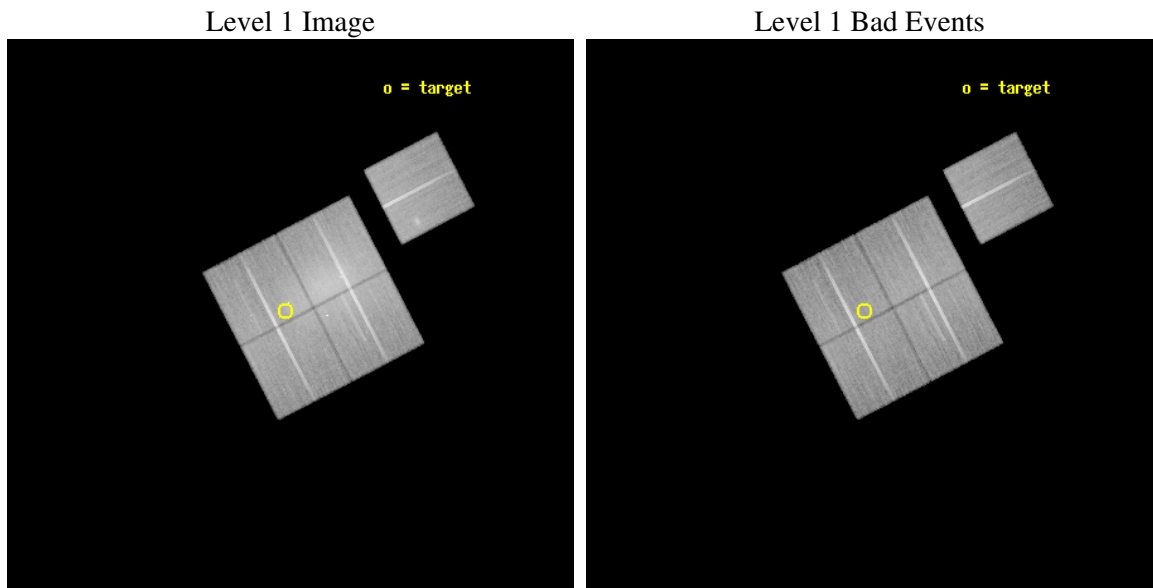
seq_num	800466
obs_id	6292
title	A CHANDRA TREASURY OBSERVATION OF THE BEST EXAMPLE OF A CLUSTER COLD FRONT
observer	Dr Alexey Vikhlinin
object	Abell 3667
dtcycle	0
cycle	P
ra_targ	303.280208
dec_targ	-56.89
ra_nom	303.26548414605
dec_nom	-56.909188146798
roll_nom	62.534665001593
revision	2
ontime	47287.317938566
livetime	46669.474317282
ontime0	47287.317938566
ontime1	47293.599909067
ontime2	47281.035978019
ontime3	47290.45891878
ontime6	47293.599909067
l2events	408656



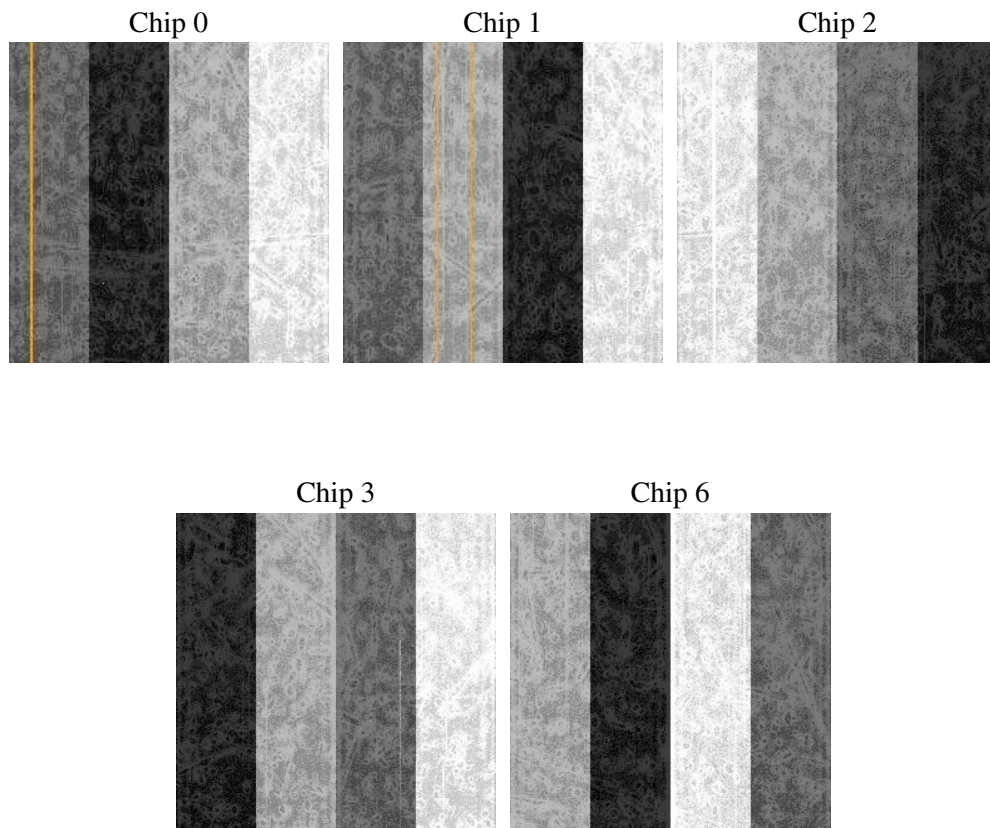
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-10T06:44:56
revision	2

sched_exp_time	47243.320000
ontime	47291.084858119
ontime0	47291.084858119
ontime1	47297.36682862
ontime2	47284.802897573
ontime3	47294.225838333
ontime6	47297.36682862
l1events	1810459

2.1.4 Events

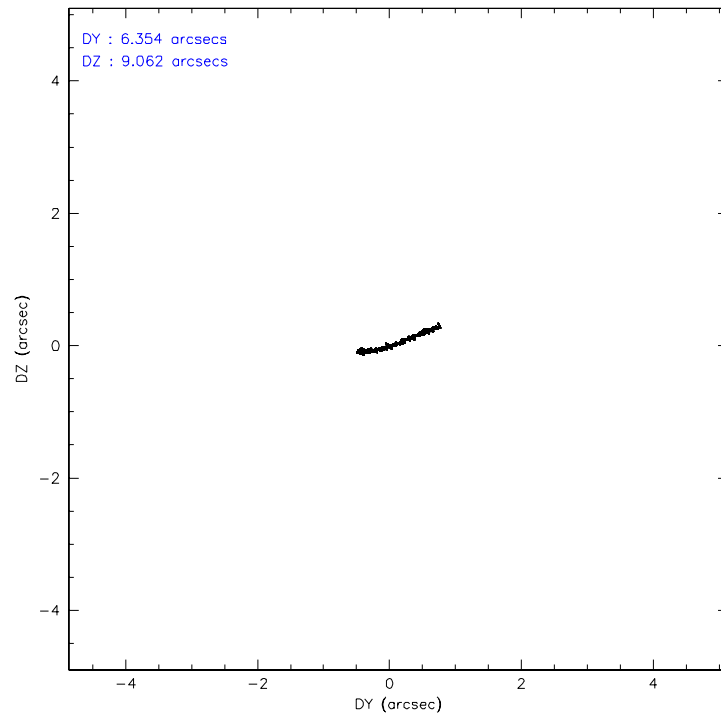
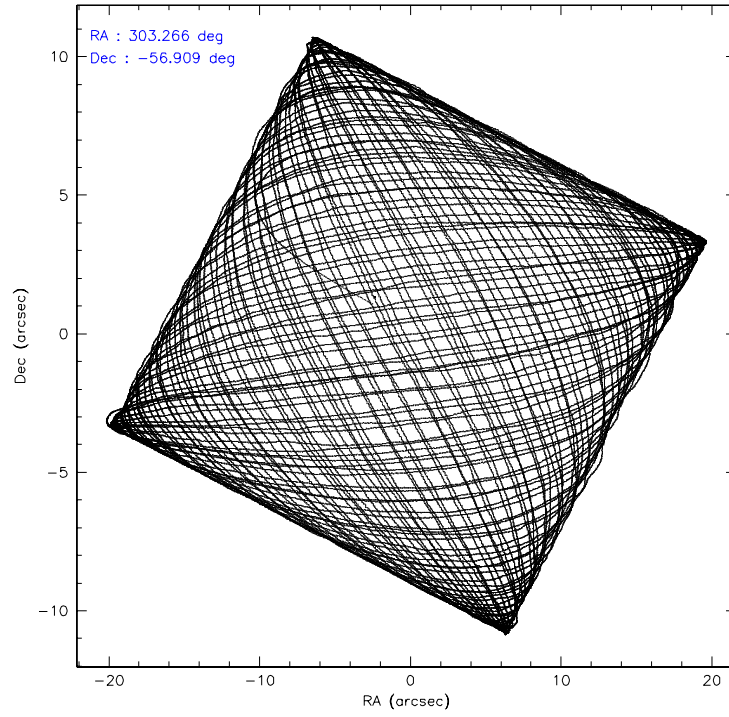
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	340543	312546	458586	360972	337812
rejected events	260475	252917	292156	276637	275446
rejected %	76%	80%	63%	76%	81%

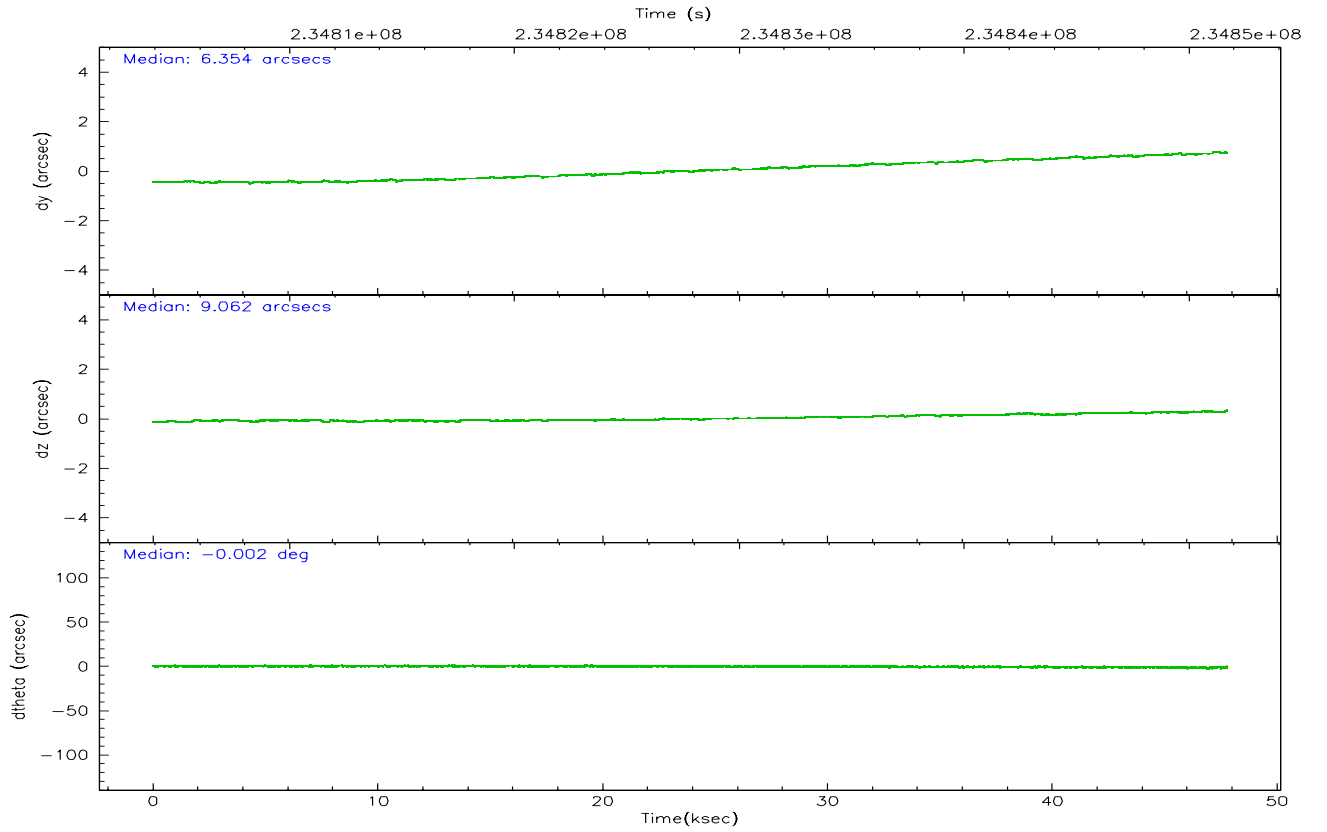
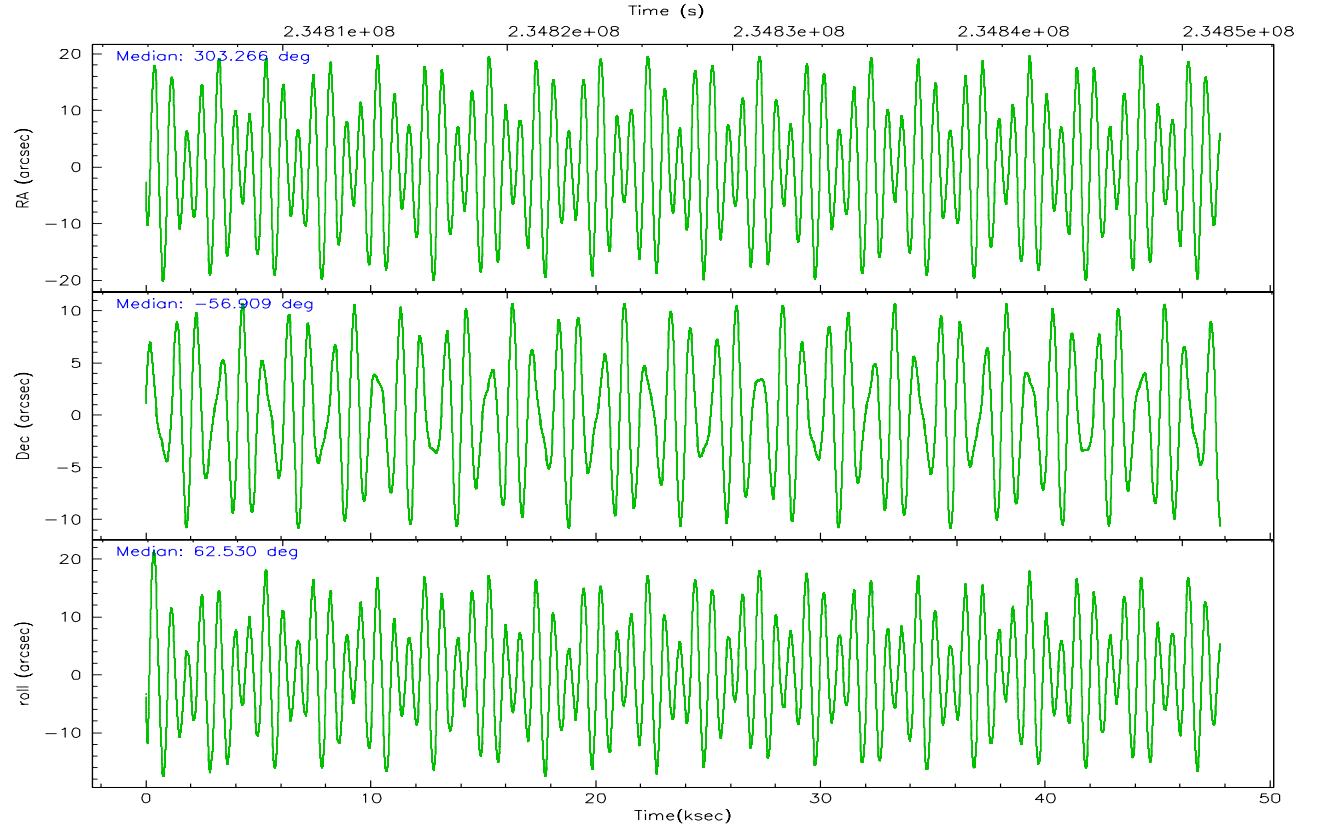
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	50630	32766	122185	55828	36401
	14%	10%	26%	15%	10%
grade 1 events	324	228	813	408	229
	0%	0%	0%	0%	0%
grade 2 events	12234	10027	20325	11634	9740
	3%	3%	4%	3%	2%
grade 3 events	5129	4605	7517	4958	4499
	1%	1%	1%	1%	1%
grade 4 events	4860	4556	7554	4791	4361
	1%	1%	1%	1%	1%
grade 5 events	11281	11959	10971	12599	12309
	3%	3%	2%	3%	3%
grade 6 events	7232	7684	8859	7134	7376
	2%	2%	1%	1%	2%
grade 7 events	248853	240721	280362	263620	262897
	73%	77%	61%	73%	77%

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	303.267930	303.2654841460497	Alternating exposures requested	N	N
Pointing Dec	-56.936541	-56.90918814679817	Primary exposure time	0.000000	3.1
Pointing Roll	62.328022	62.53466500159269			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-243.592463	-243.5843520998312			
SIM translation stage offset (mm)	10	9.991899096901562			
Observation start time	234804460.184000	234803356.0791			
Observation start date	2005-06-10T15:26:36	2005-06-10T15:09:16			
Observation end time	234851703.184000	234851935.95631			
Observation end date	2005-06-11T04:33:59	2005-06-11T04:38:55			
Read mode	TIMED	TIMED			

2.3 Aspect



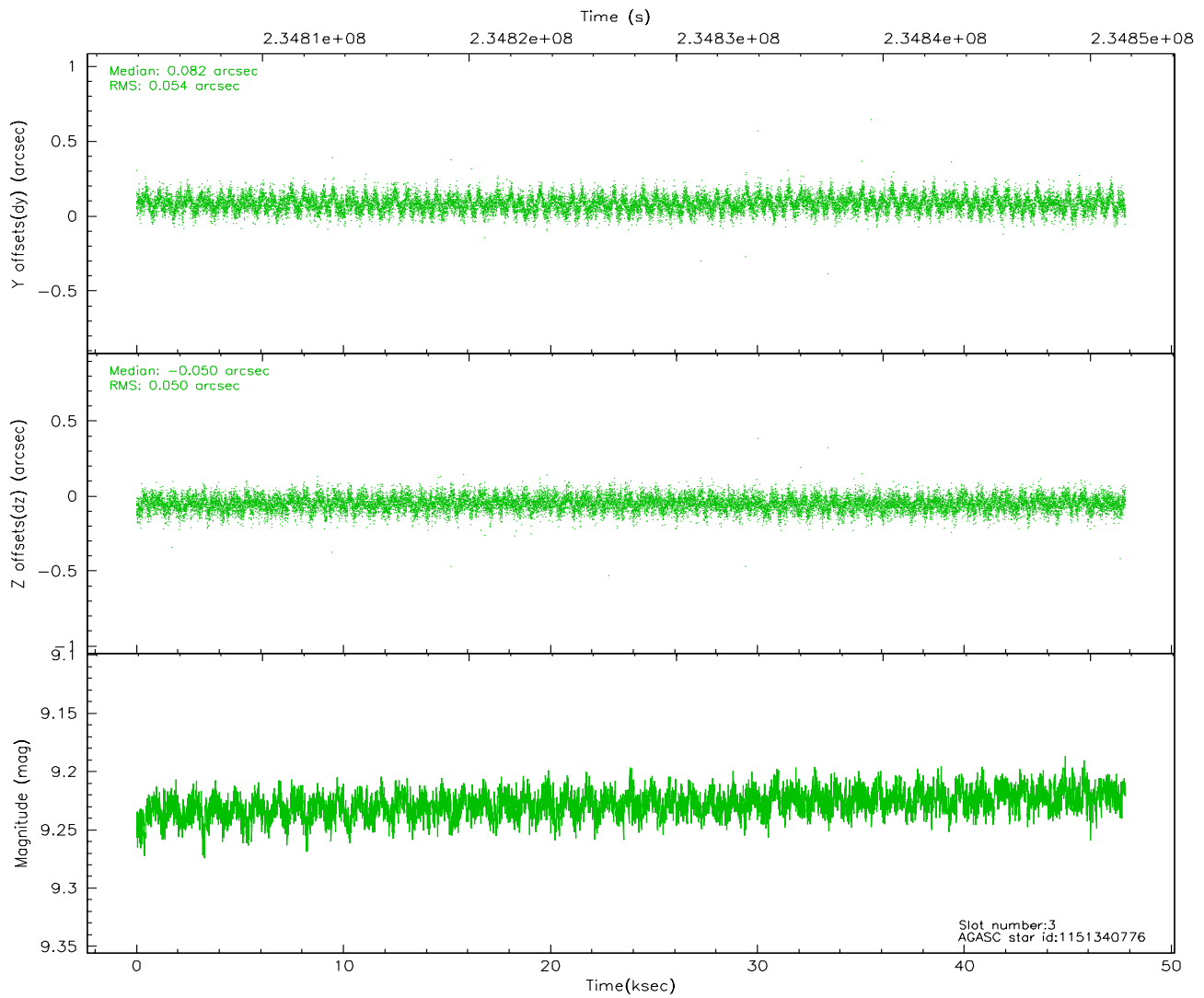
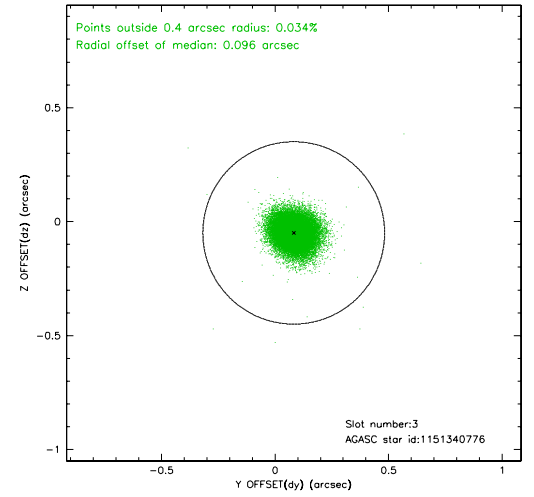
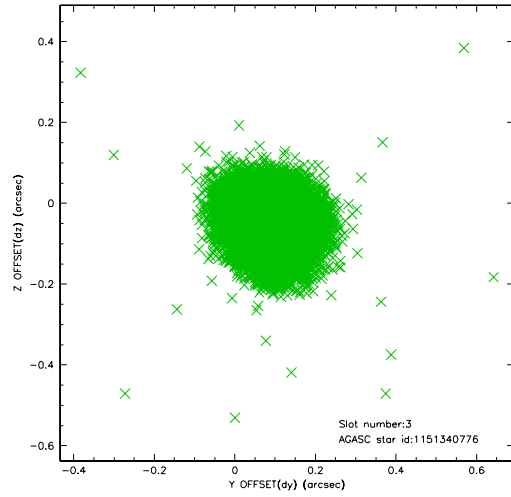


Slot Statistics

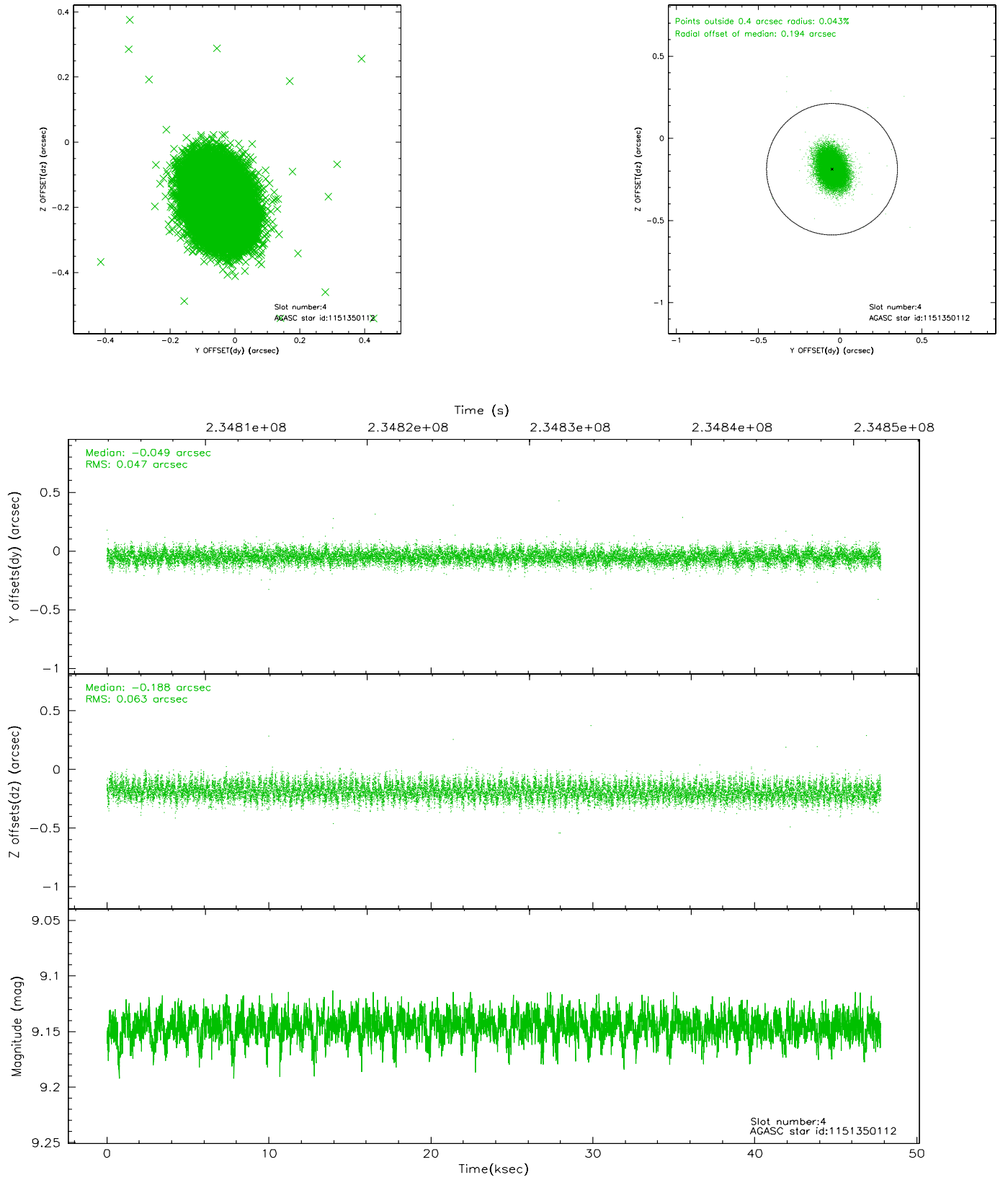
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.28	11653	-0.042	0.084	0.011	0.019	0.000000	0.000000	933.44	-627.10
1	FID	ACIS-I-5	7.24	11652	-0.084	0.010	0.008	0.013	0.000000	0.000000	-1814.70	1270.34
2	FID	ACIS-I-6	7.24	11654	0.035	-0.024	0.013	0.022	0.000000	0.000000	399.09	1914.77
3	GUIDE	1151340776	9.23	23296	0.082	-0.050	0.078	0.126	302.320116	-57.331751	-2126.40	964.42
4	GUIDE	1151350112	9.15	23289	-0.049	-0.188	0.082	0.135	303.241865	-56.846660	262.83	195.80
5	GUIDE	1151472992	9.63	23293	0.029	0.181	0.109	0.177	303.531180	-57.237033	-720.35	-956.71
6	GUIDE	1151471240	9.46	23290	0.183	-0.026	0.088	0.142	303.425045	-57.451391	-1499.95	-1130.43
7	GUIDE	1151467856	9.64	23256	-0.244	0.087	0.127	0.208	303.931677	-56.775960	1114.46	-893.67

2.4 Star Slots

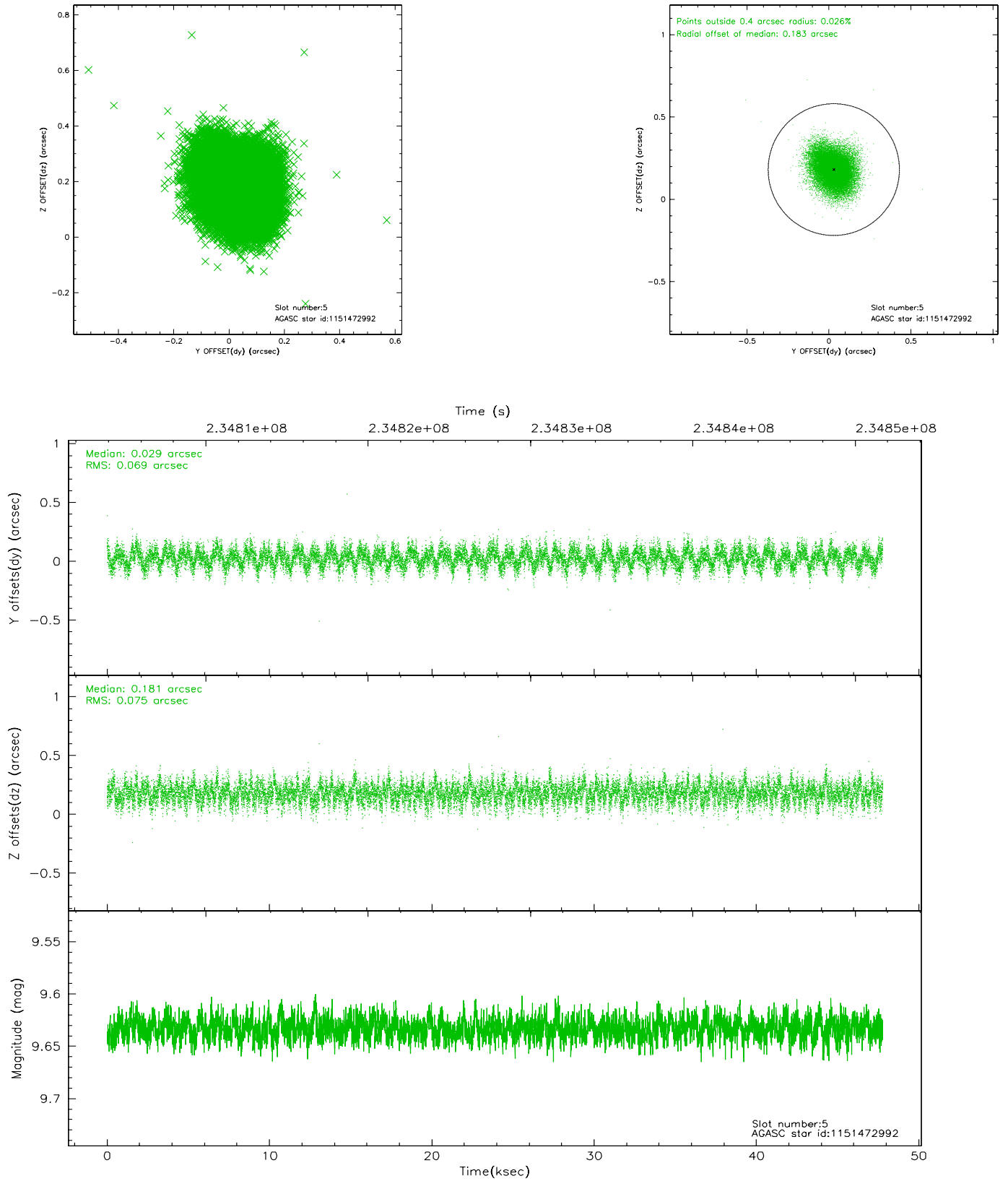
2.4.1 Slot 3



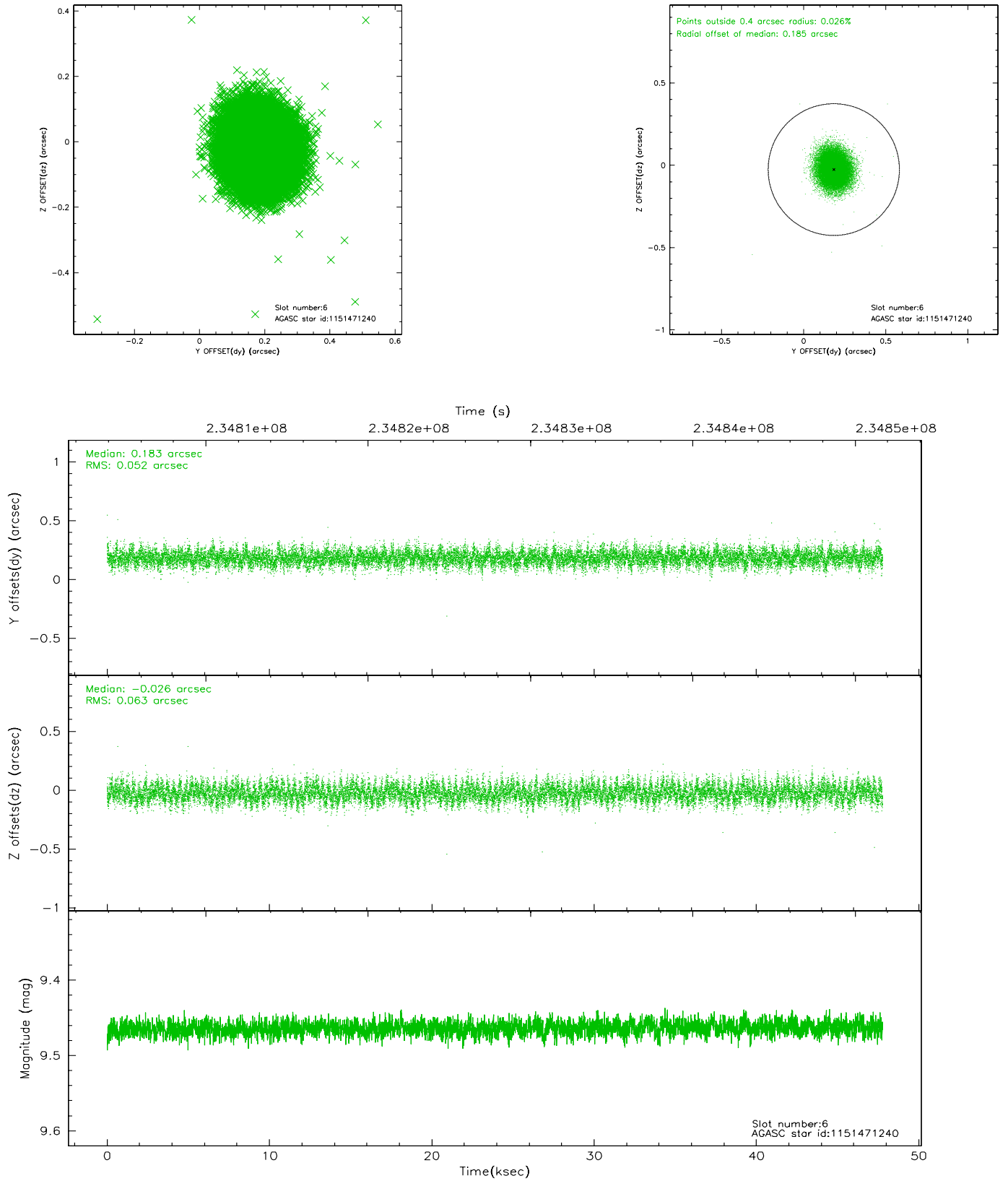
2.4.2 Slot 4



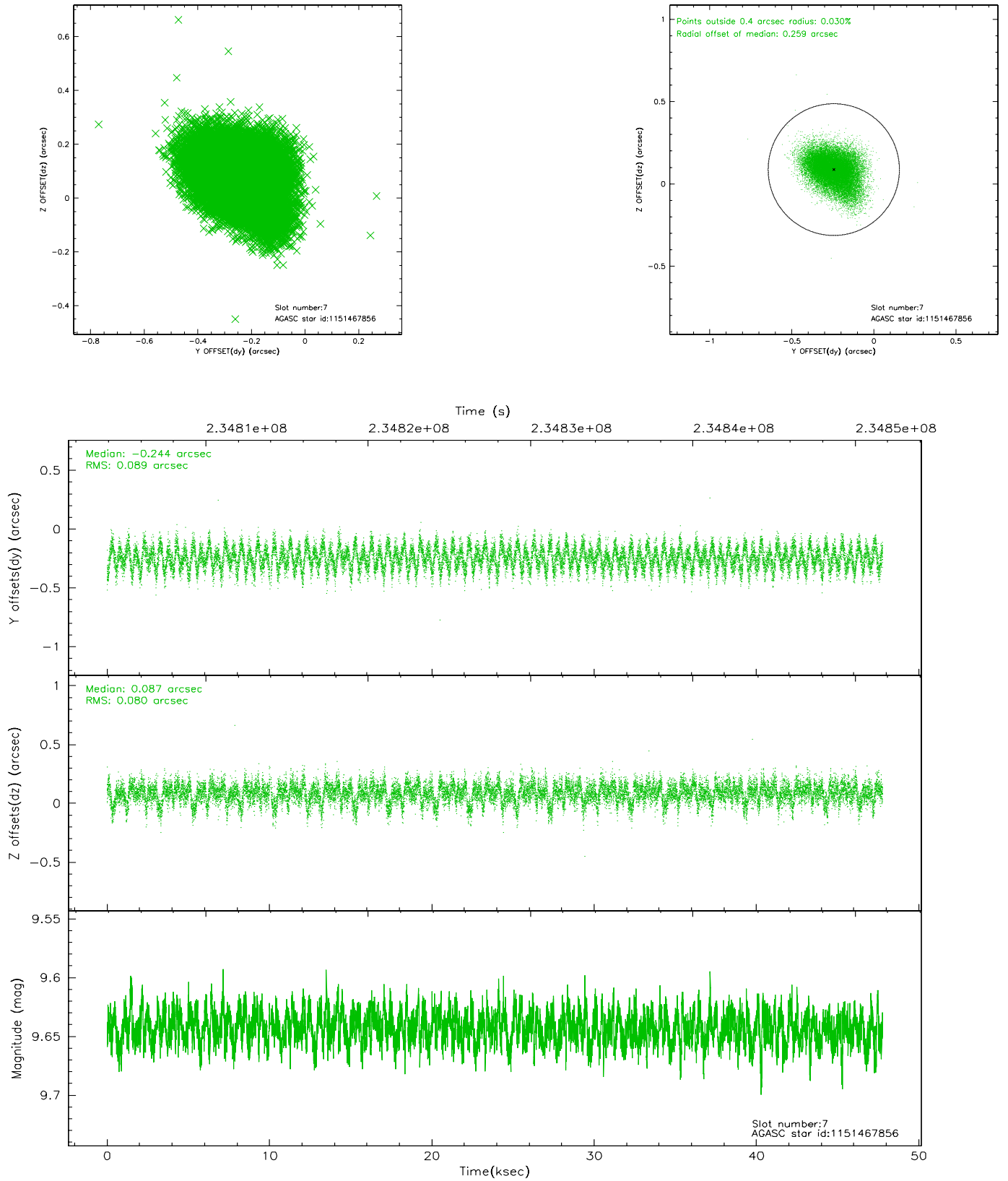
2.4.3 Slot 5



2.4.4 Slot 6

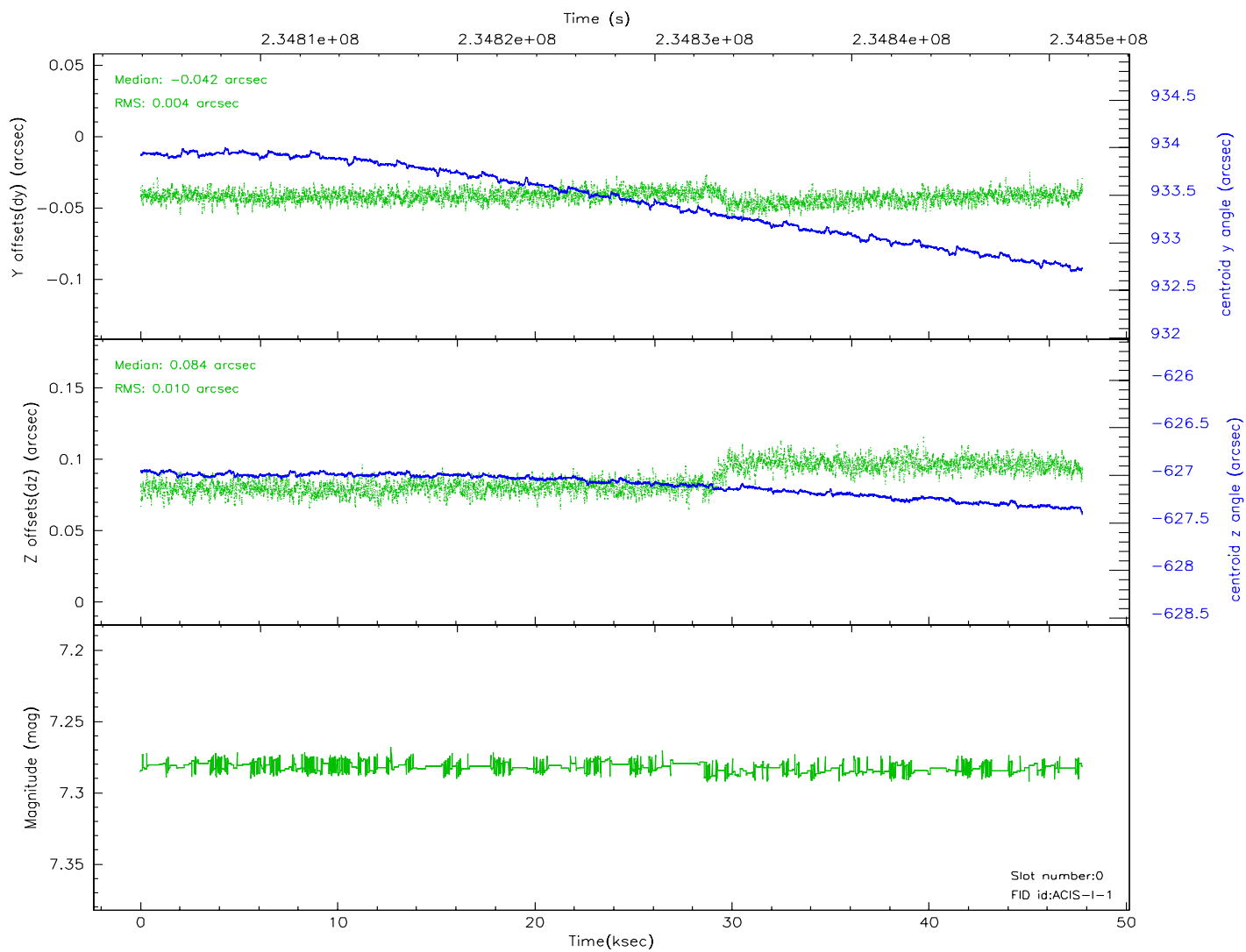
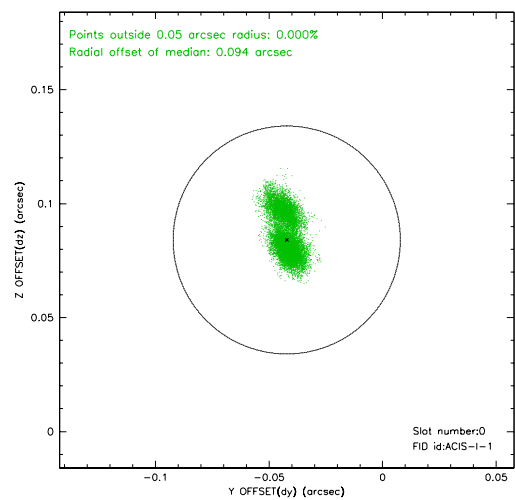
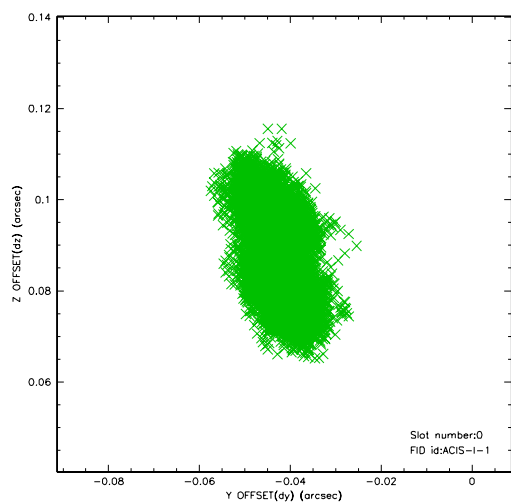


2.4.5 Slot 7

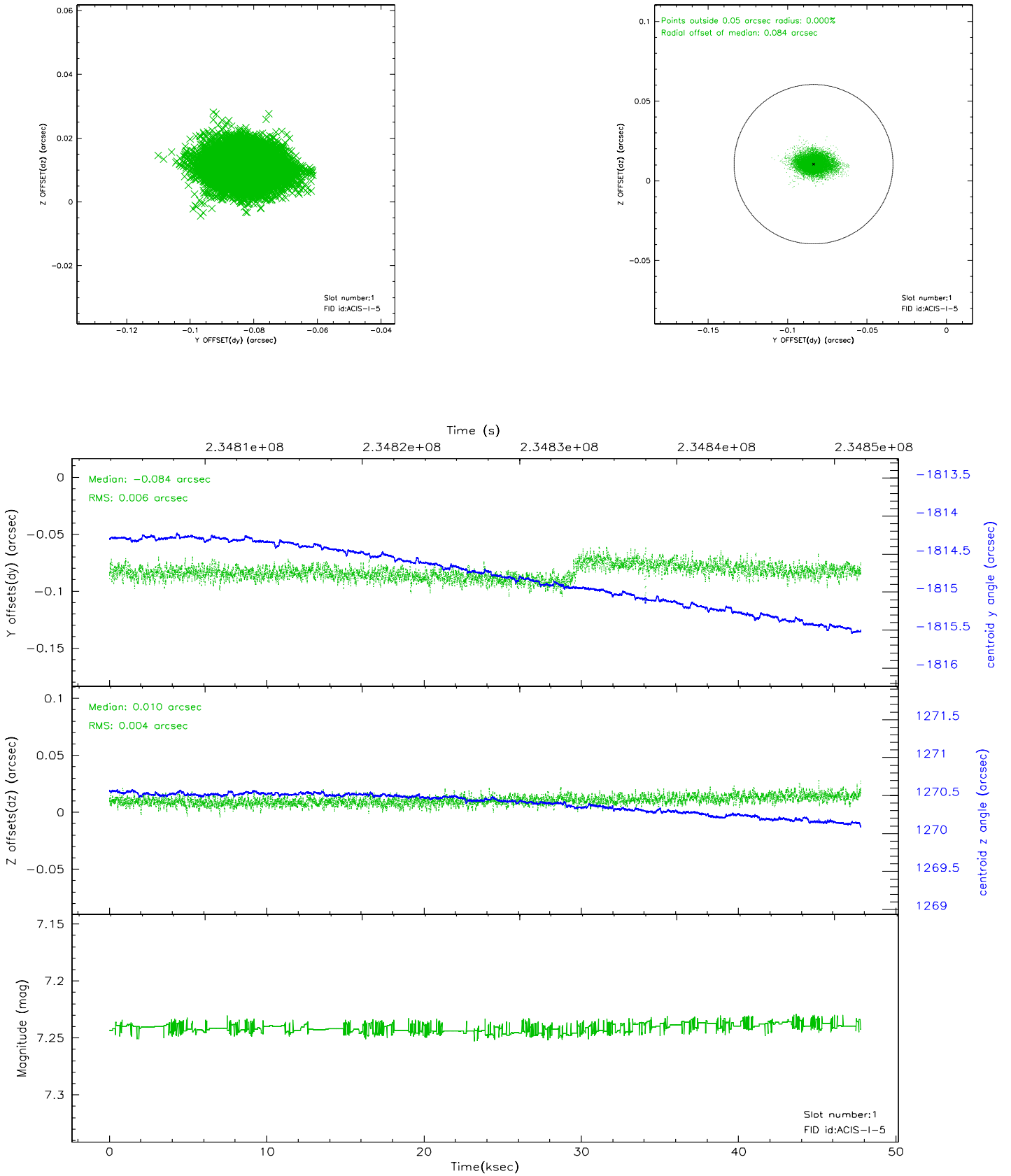


2.5 FID Slots

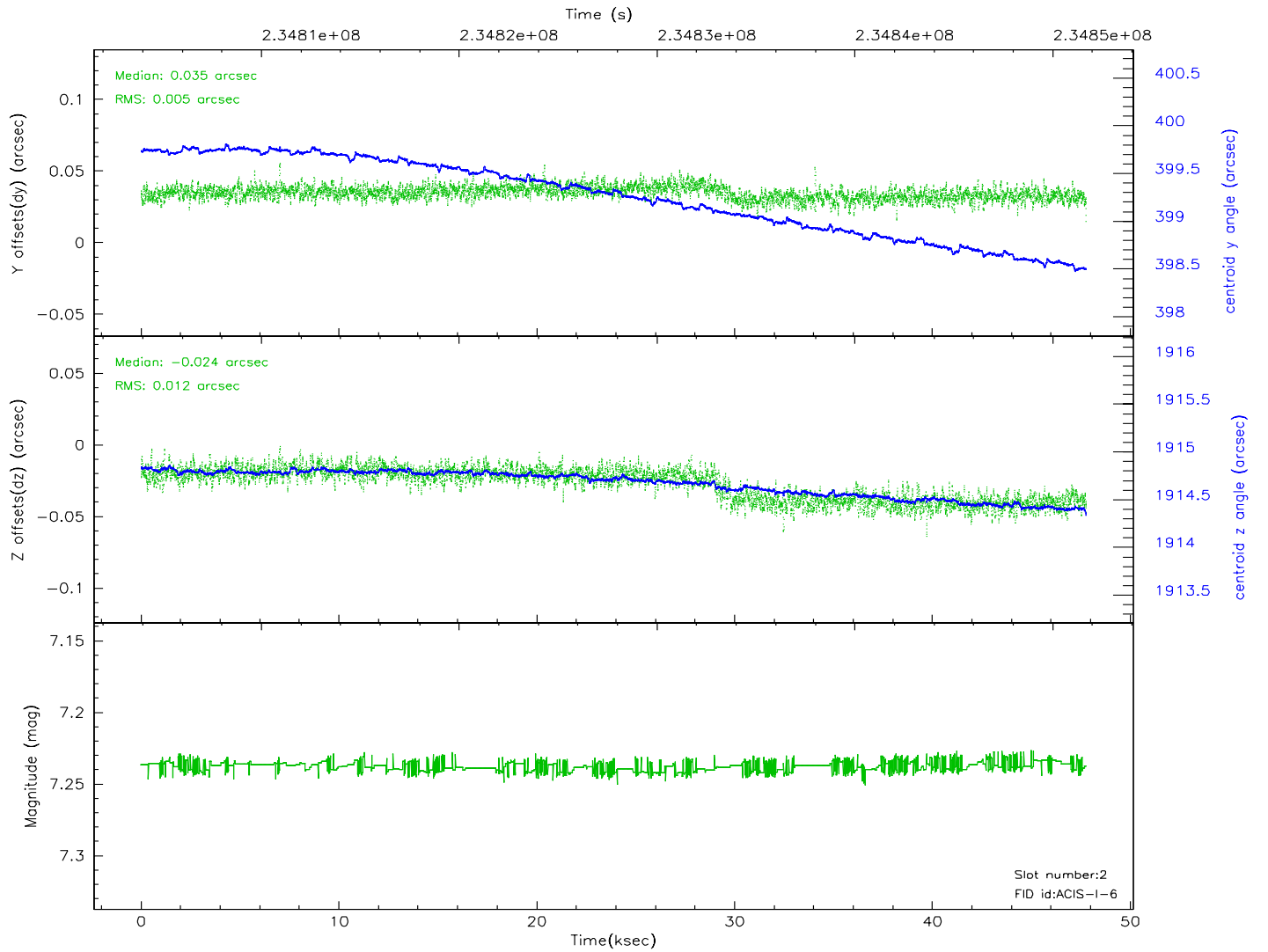
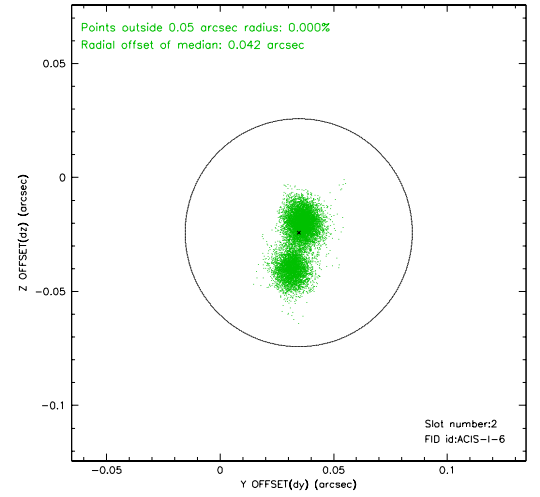
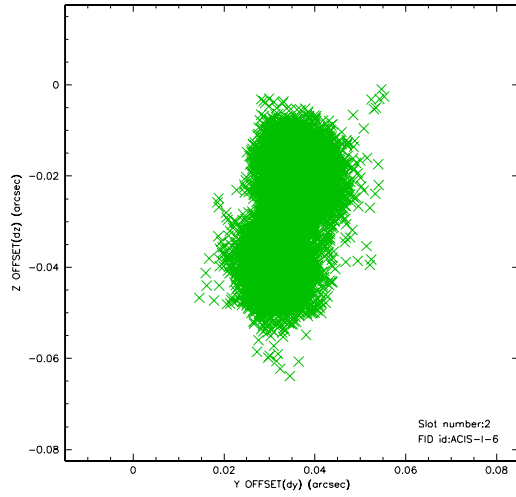
2.5.1 Slot 0



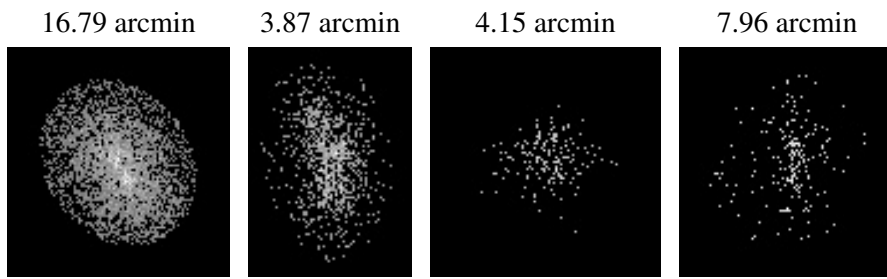
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.28731

A.2 Comments