

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5913 - L2 Version 002
Chandra X-Ray Center

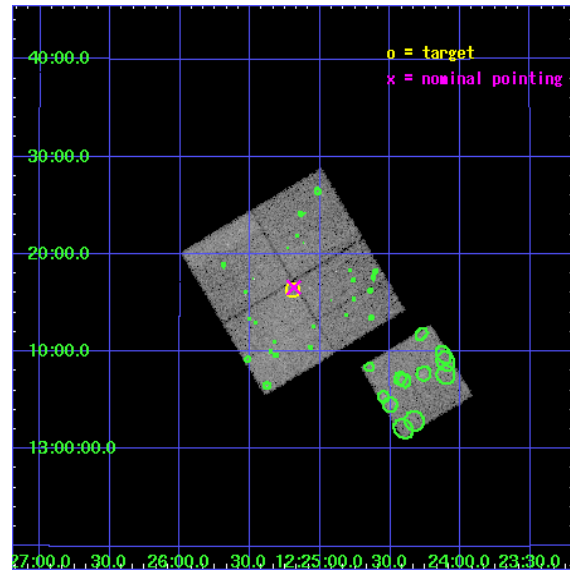
L2 Processing Date: Feb 27 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

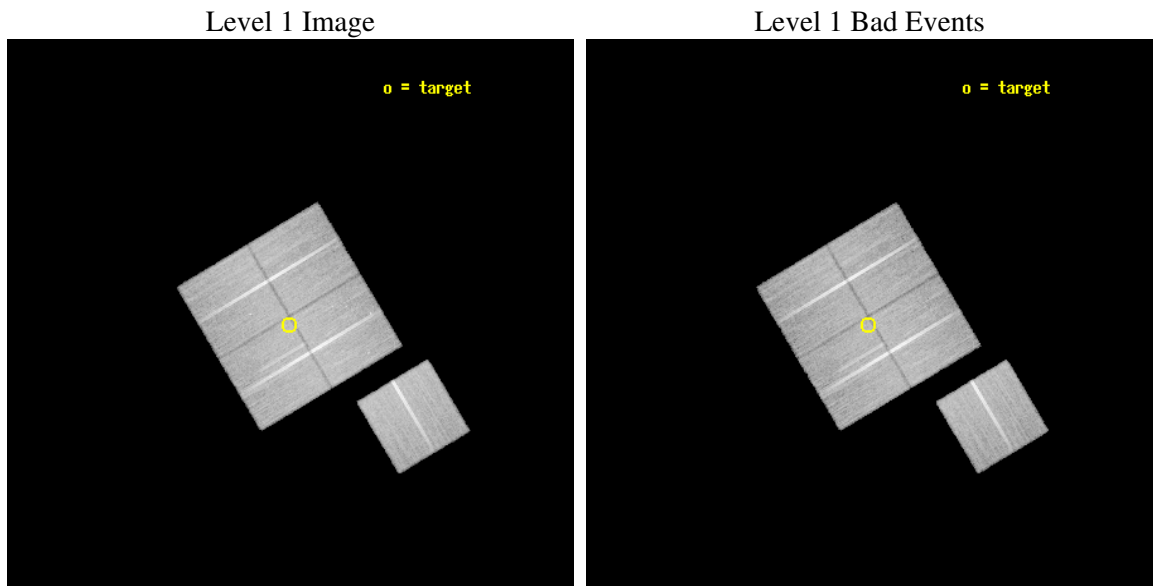
seq_num	600432
obs_id	5913
title	Understanding the Process of Ram Pressure Stripping in M86
observer	Dr. Christine Jones
object	M86
dtcycle	0
cycle	P
ra_targ	186.299583
dec_targ	13.272722
ra_nom	186.29677832039
dec_nom	13.276450495545
roll_nom	149.20653874943
revision	2
ontime	36137.599865377
livetime	35680.003816431
ontime0	36134.358875096
ontime1	36124.635904342
ontime2	36134.358865201
ontime3	36137.599865377
ontime6	36137.599865377
l2events	114638



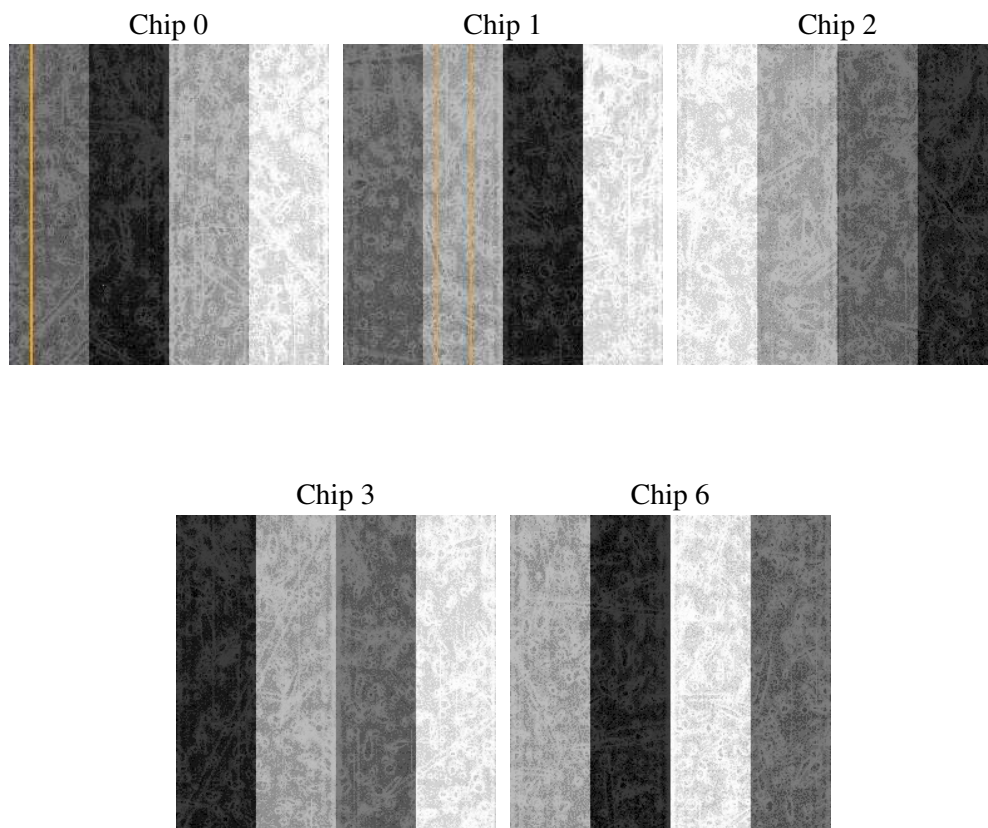
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-27T15:00:03
revision	2

sched_exp_time	36000.000000
ontime	36895.63897422
ontime0	36892.397983938
ontime1	36882.674993306
ontime2	36892.397974044
ontime3	36895.63897422
ontime6	36895.63897422
l1events	1133342

2.1.4 Events

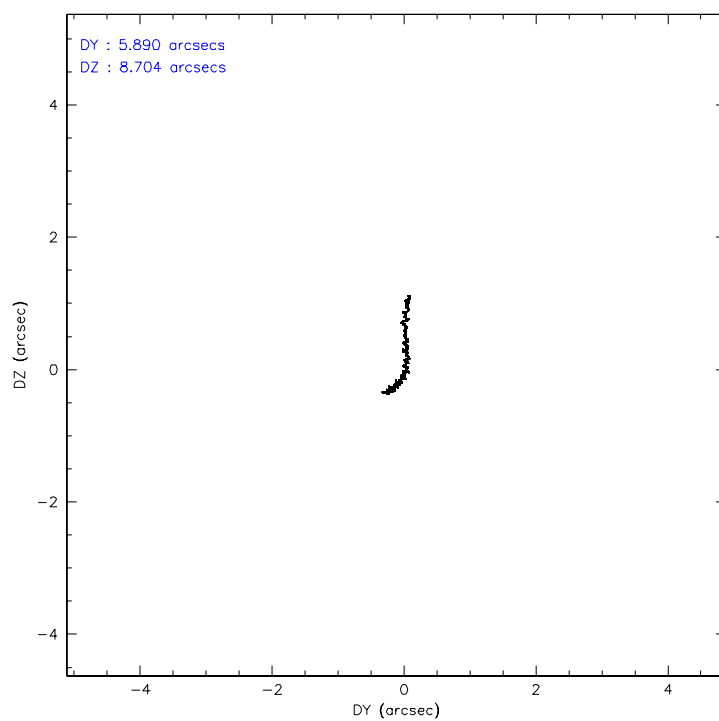
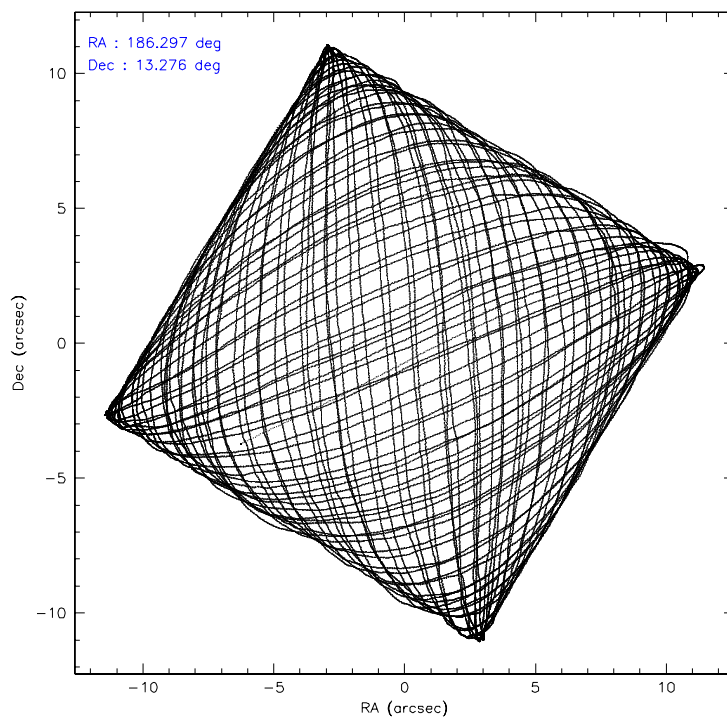
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	214078	216204	237376	235933	229751
rejected events	188971	187420	211819	206574	204204
rejected %	88%	86%	89%	87%	88%

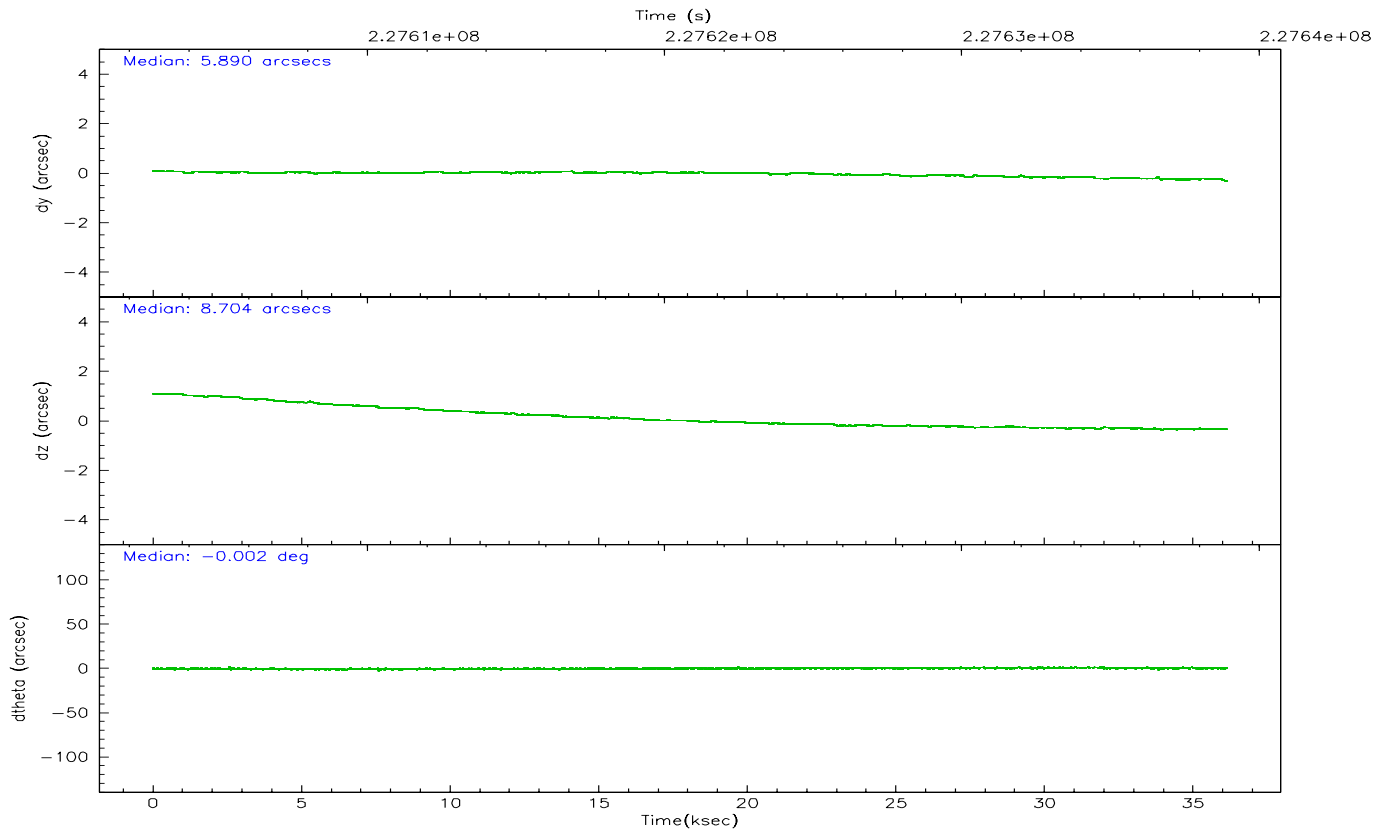
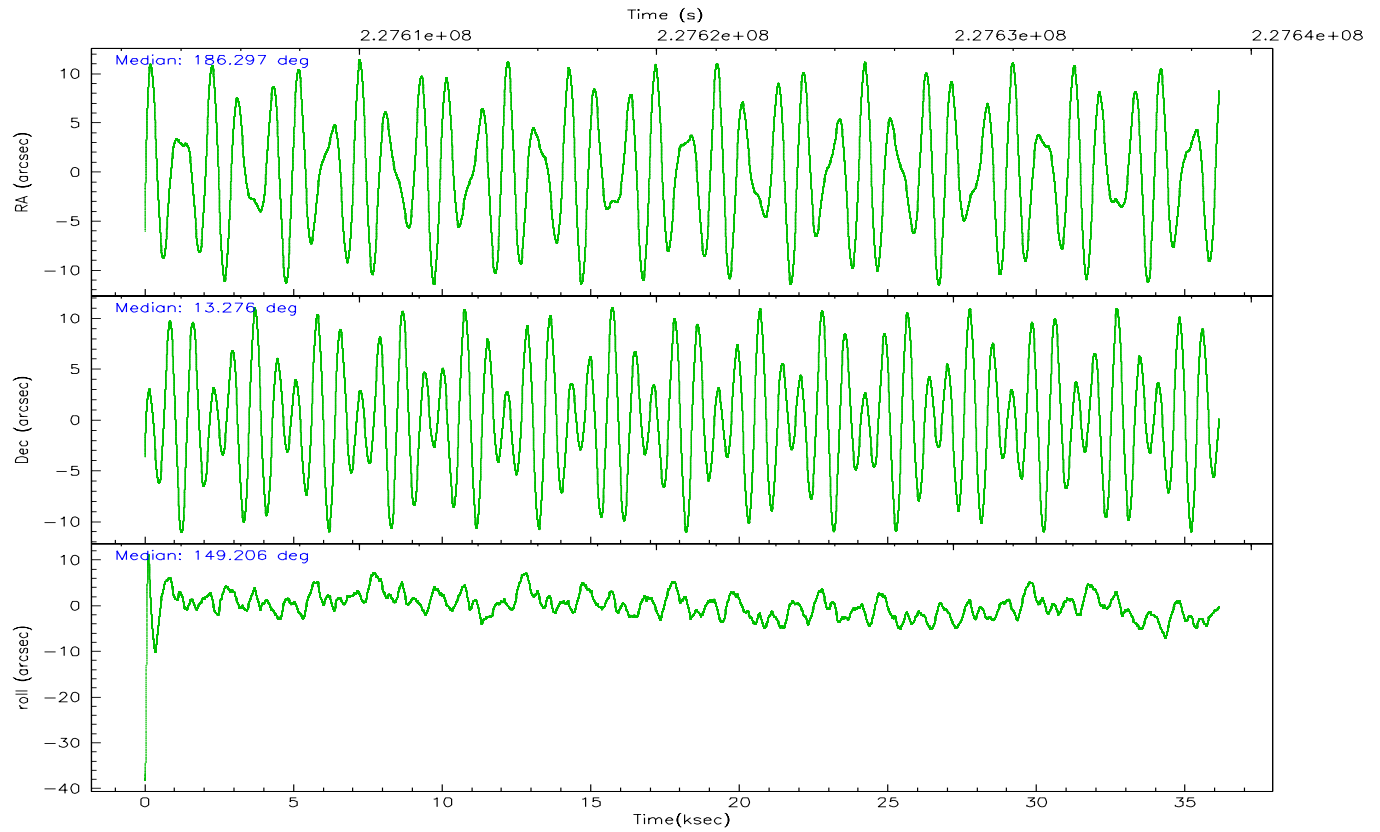
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	10417	12584	11308	14946	10647
	4%	5%	4%	6%	4%
grade 1 events	118	100	120	156	102
	0%	0%	0%	0%	0%
grade 2 events	5516	5853	5404	5219	5225
	2%	2%	2%	2%	2%
grade 3 events	2739	2996	2576	2641	2665
	1%	1%	1%	1%	1%
grade 4 events	2459	2845	2664	2672	2582
	1%	1%	1%	1%	1%
grade 5 events	8146	8621	7654	9027	8836
	3%	3%	3%	3%	3%
grade 6 events	4458	5033	4085	4430	4901
	2%	2%	1%	1%	2%
grade 7 events	180225	178172	203565	196842	194793
	84%	82%	85%	83%	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	186.324904	186.296778320391	Alternating exposures requested	N	N
Pointing Dec	13.276186	13.2764504955449	Primary exposure time	0.000000	3.2
Pointing Roll	148.991413	149.2065387494258			
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	227602935.184000	227601576.60139			
Observation start date	2005-03-19T07:01:11	2005-03-19T06:39:36			
Observation end time	227638935.184000	227639589.24061			
Observation end date	2005-03-19T17:01:11	2005-03-19T17:13:09			
Read mode	TIMED	TIMED			

2.3 Aspect



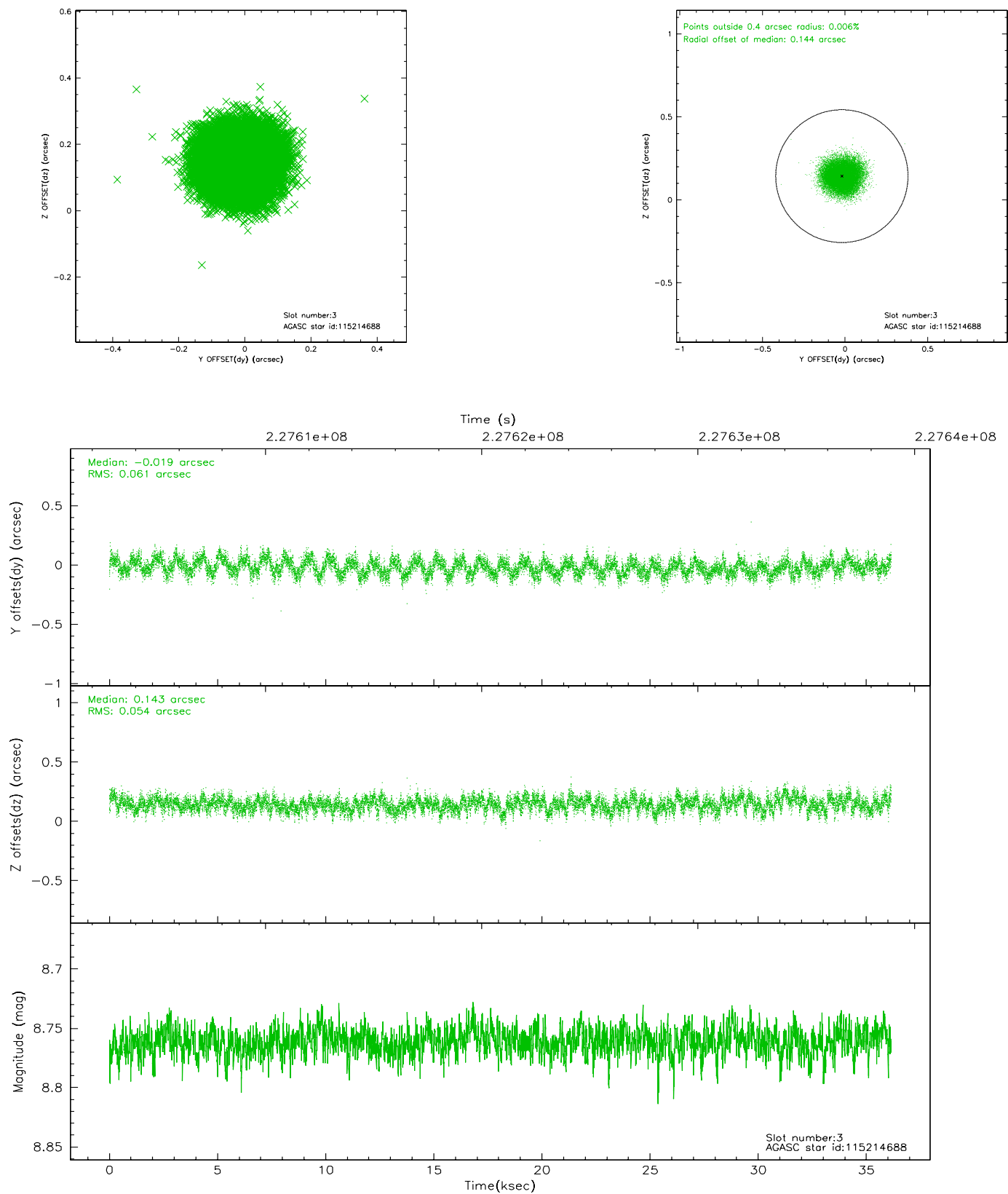


Slot Statistics

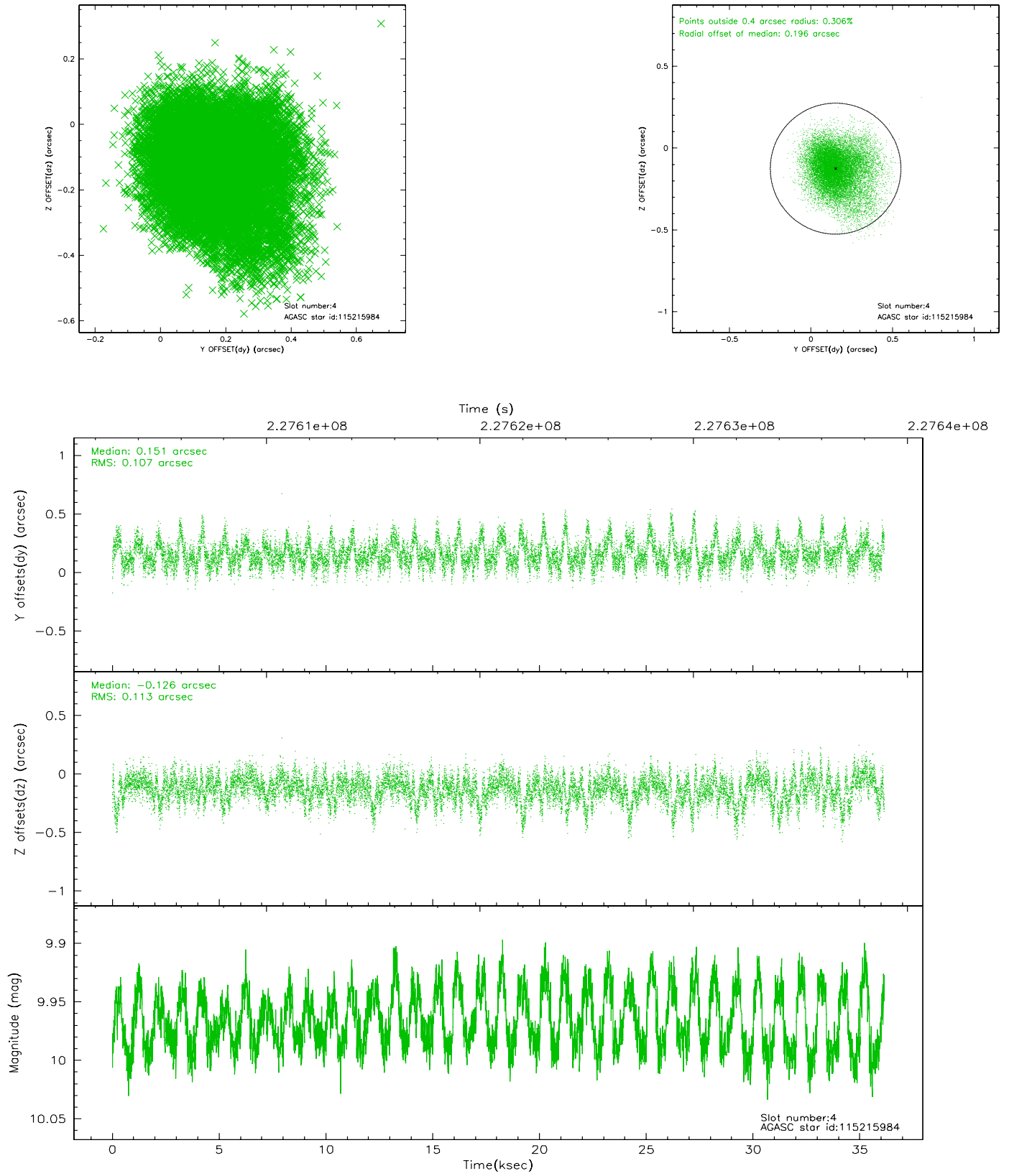
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	8816	-0.012	0.066	0.014	0.030	0.000000	0.000000	933.86	-832.22
1	FID	ACIS-I-5	7.23	8814	-0.125	0.030	0.013	0.026	0.000000	0.000000	-1814.35	1065.21
2	FID	ACIS-I-6	7.26	8814	0.044	-0.027	0.014	0.033	0.000000	0.000000	399.42	1709.71
3	GUIDE	115214688	8.76	17632	-0.019	0.143	0.089	0.137	185.816167	13.622157	2168.43	-151.59
4	GUIDE	115215984	9.97	17624	0.151	-0.126	0.161	0.281	186.134733	12.875031	-171.21	1581.73
5	GUIDE	115347400	10.20	17555	-0.031	-0.149	0.191	0.327	186.994146	13.445598	-1692.14	-1732.10
6	GUIDE	115347480	9.46	17619	0.065	0.053	0.105	0.177	186.668576	13.310410	-967.68	-726.28
7	GUIDE	115349448	9.75	17615	-0.163	0.091	0.156	0.236	186.471080	13.770115	478.48	-1787.00

2.4 Star Slots

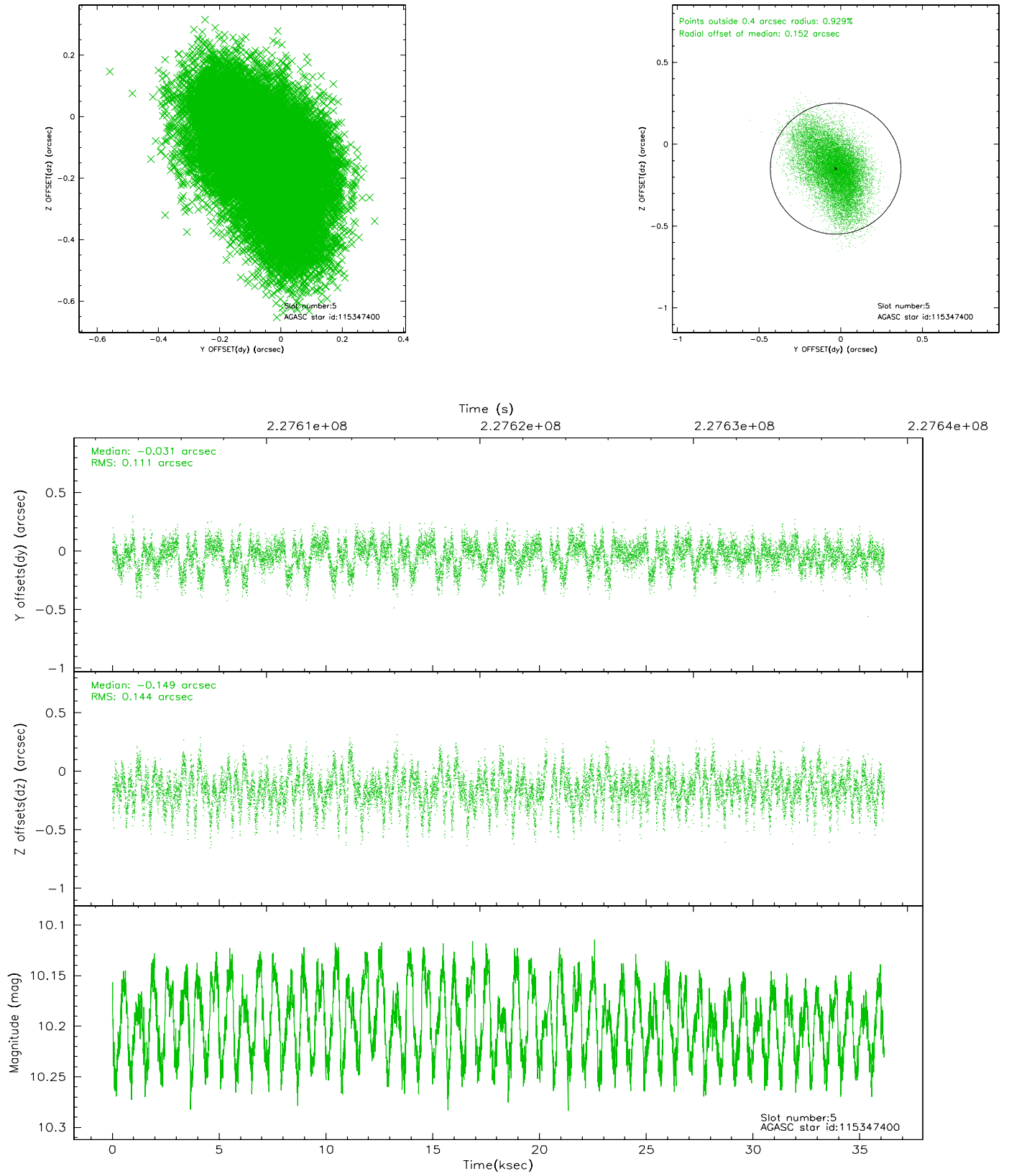
2.4.1 Slot 3



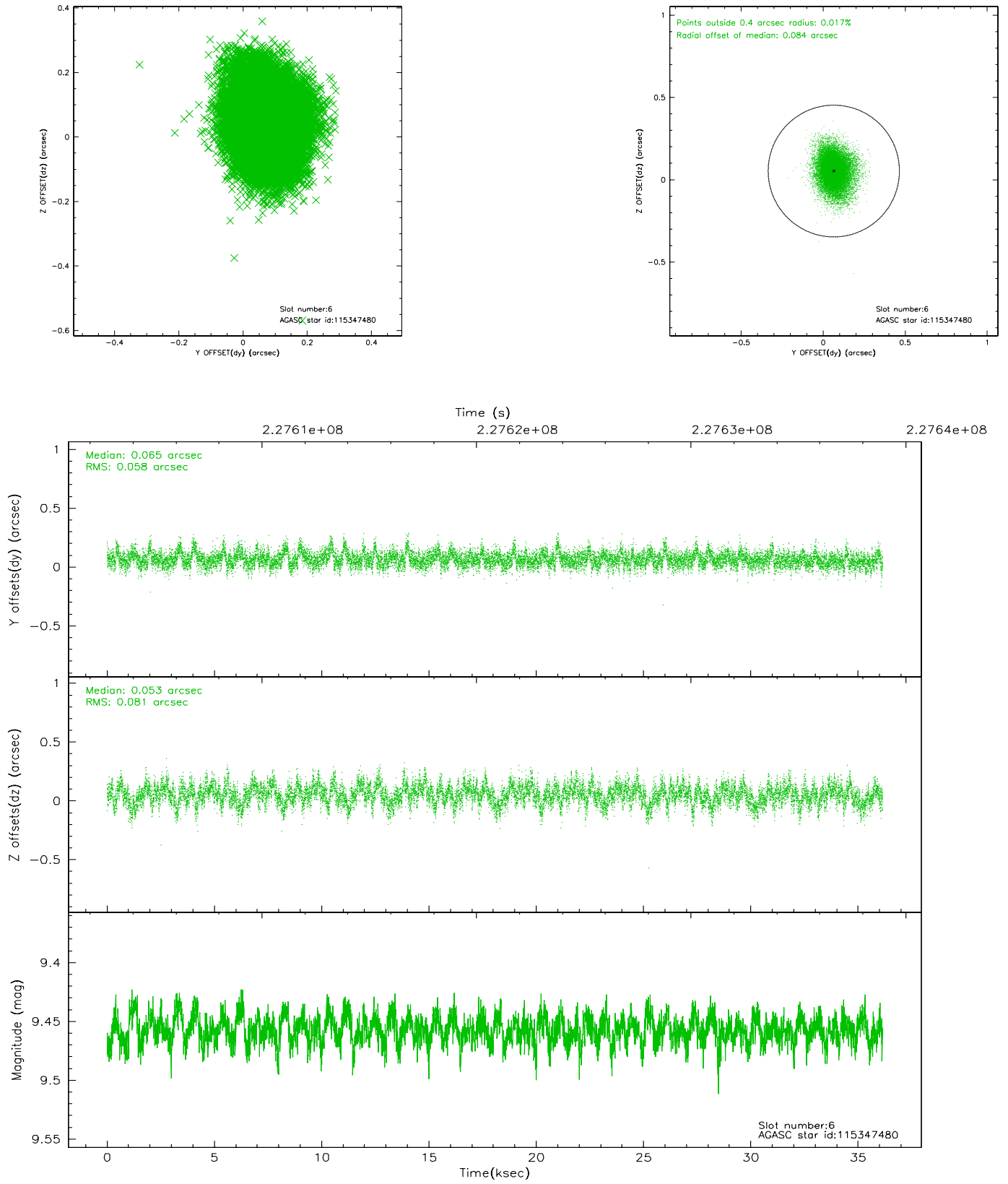
2.4.2 Slot 4



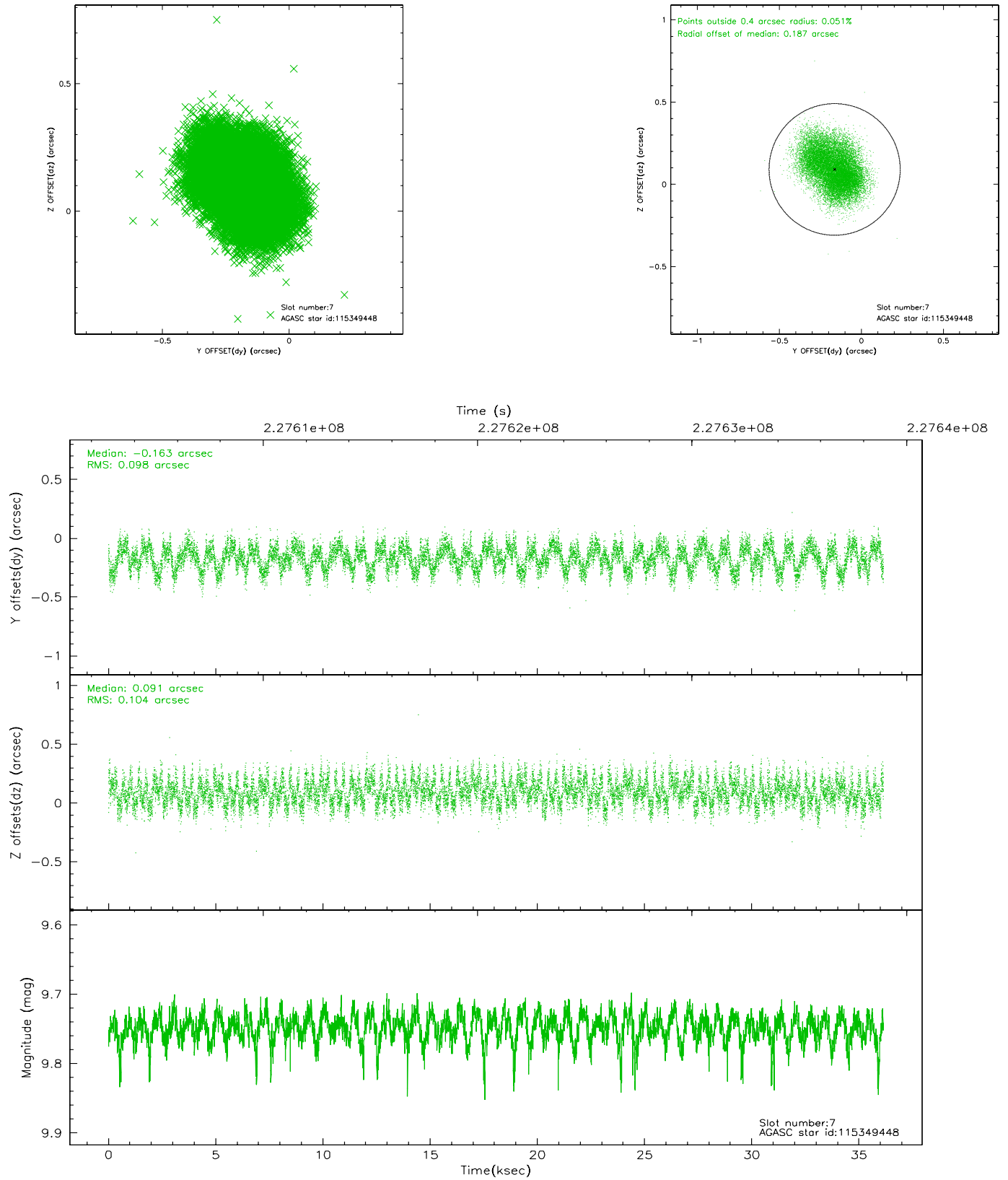
2.4.3 Slot 5



2.4.4 Slot 6

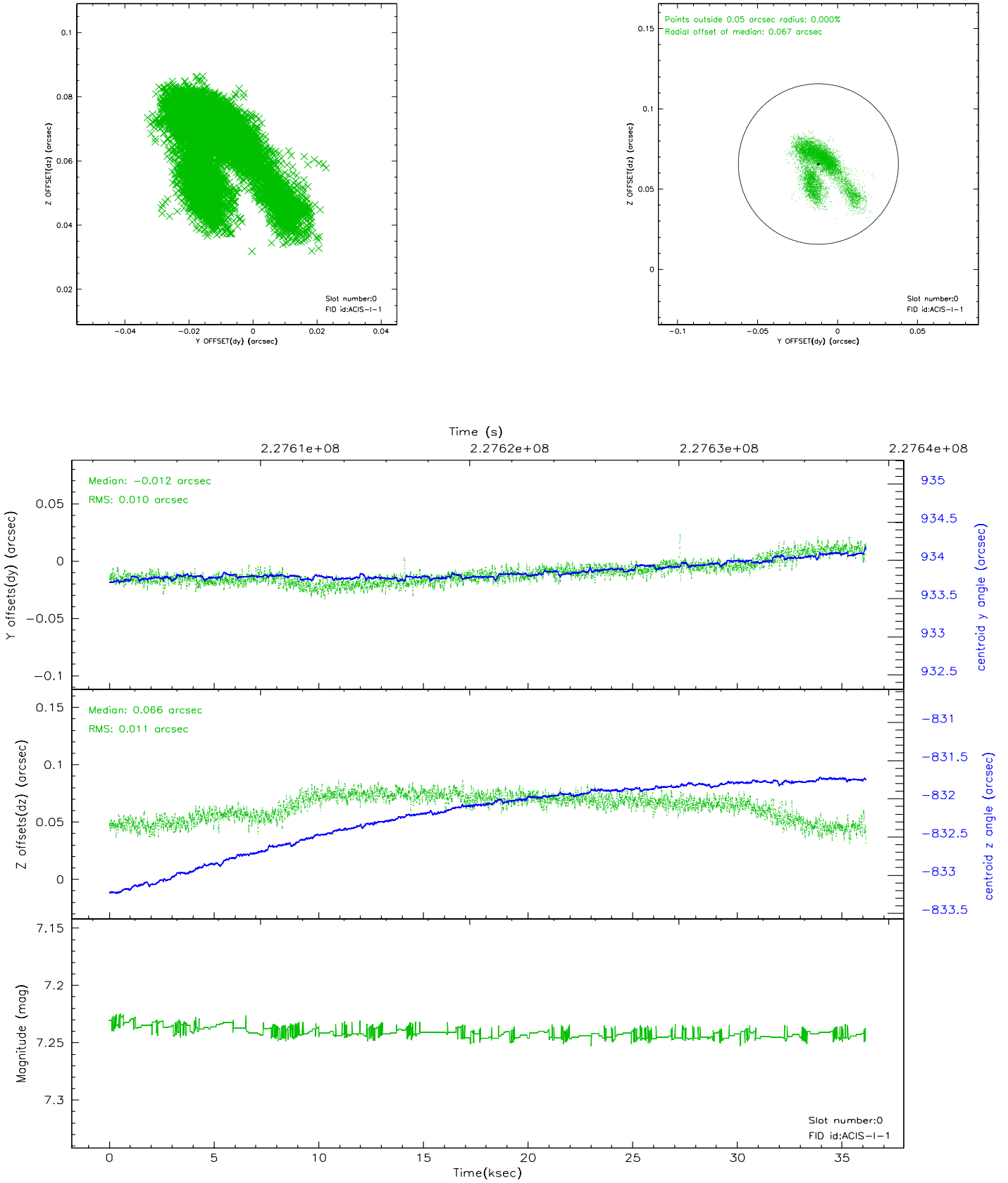


2.4.5 Slot 7

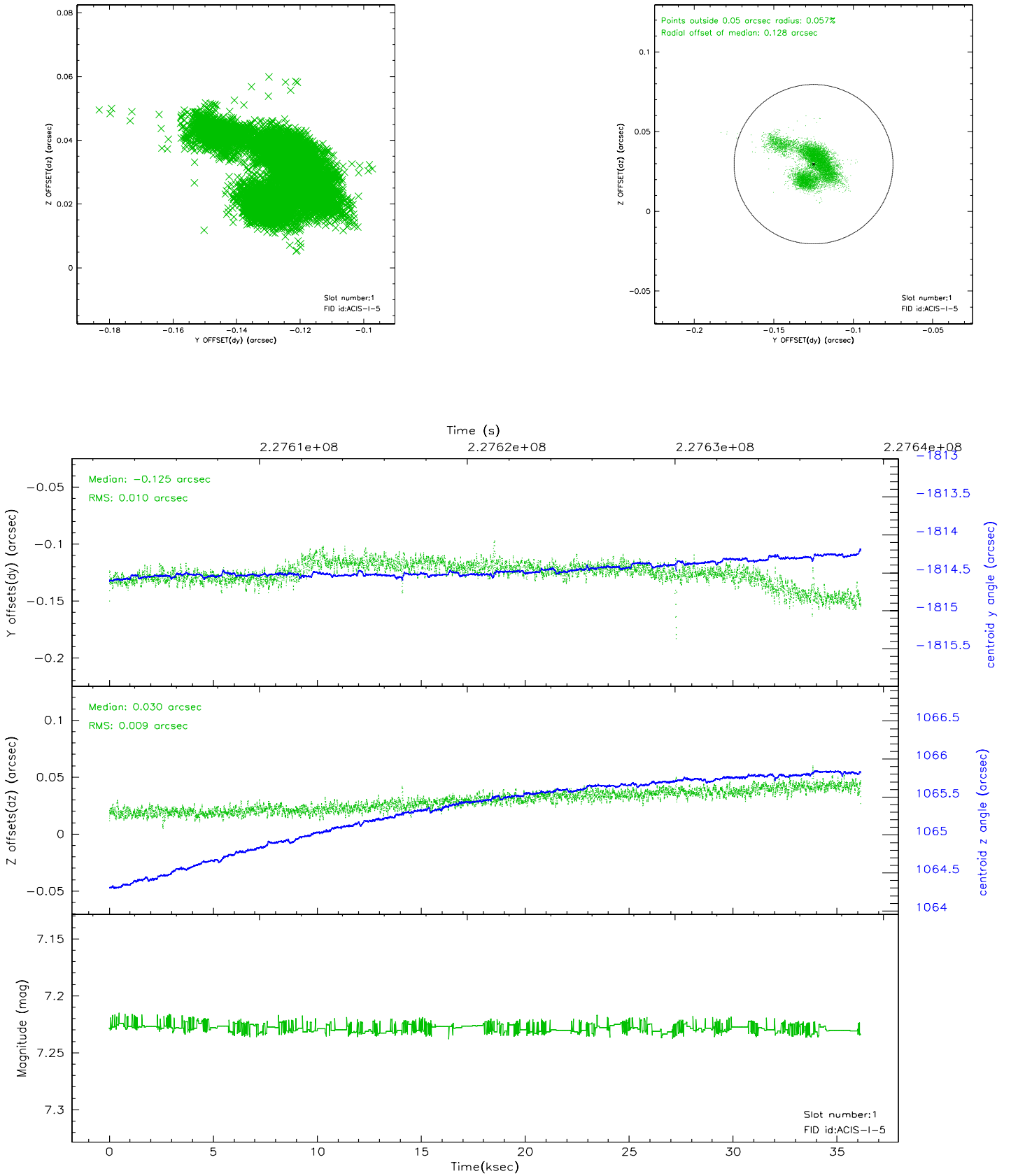


2.5 FID Slots

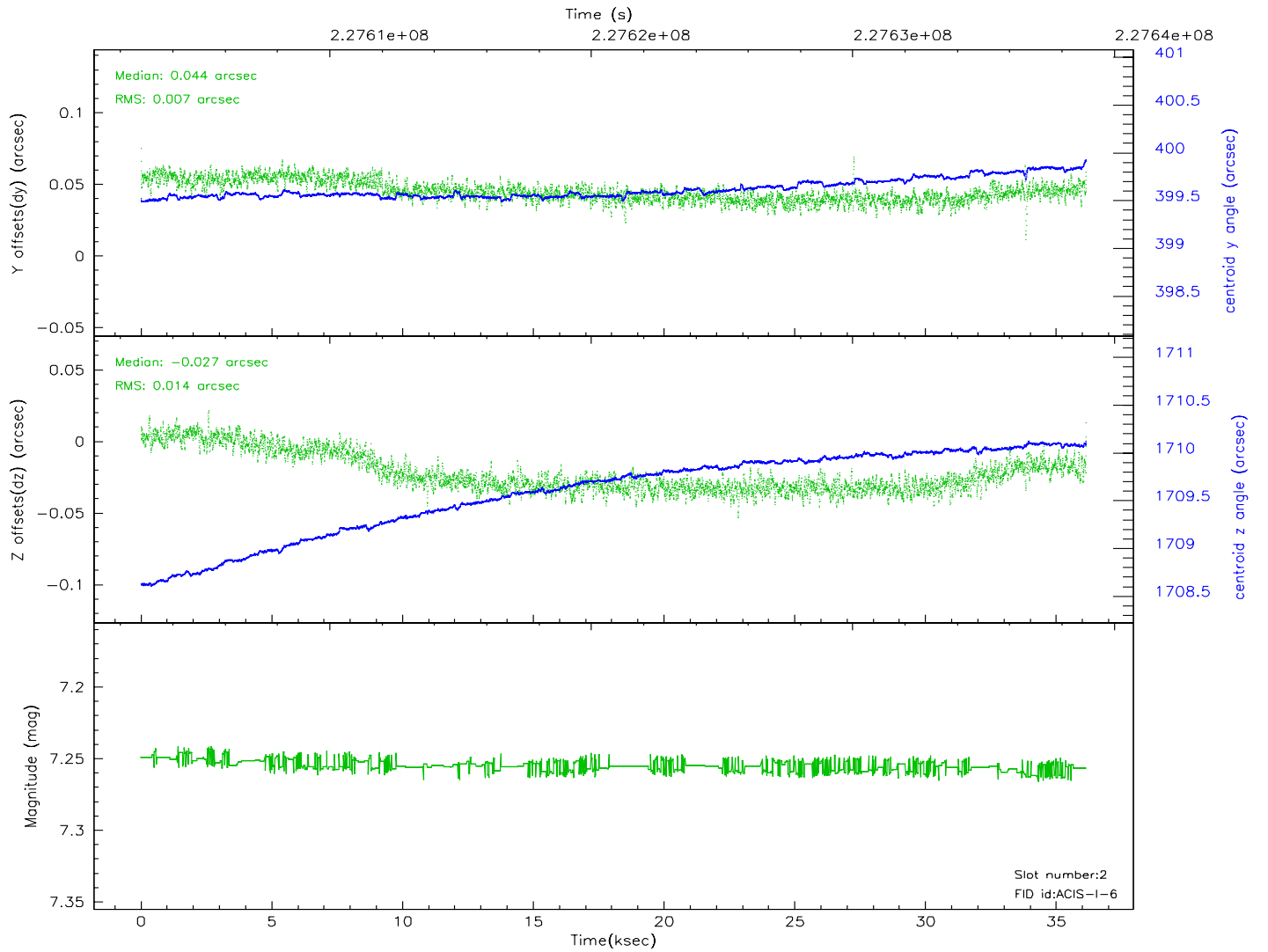
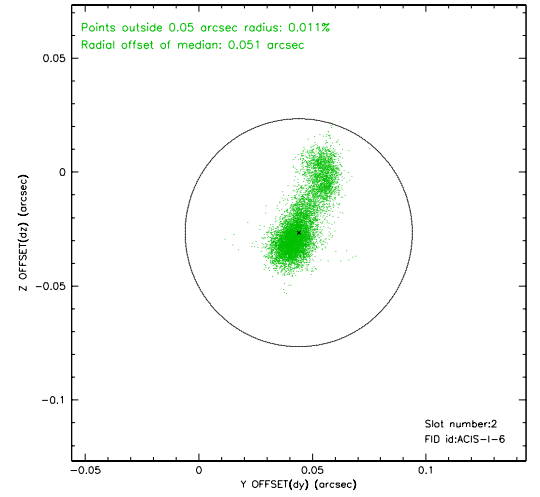
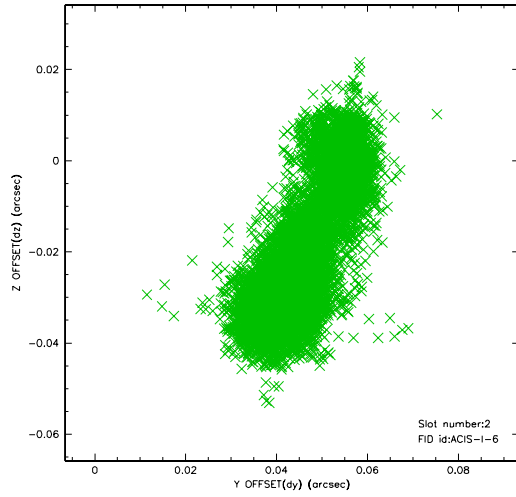
2.5.1 Slot 0



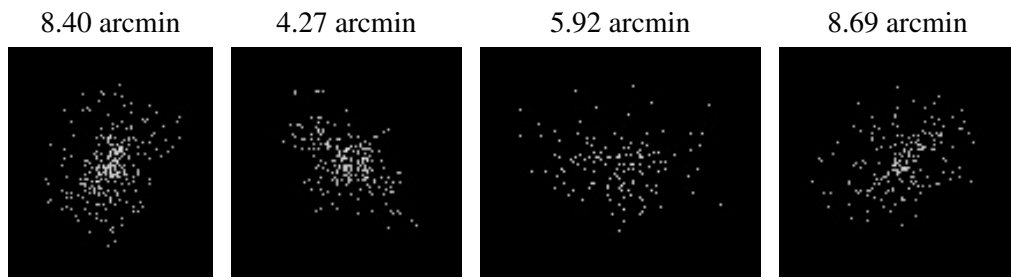
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.13759

A.2 Comments