

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6284 - L2 Version 002
Chandra X-Ray Center

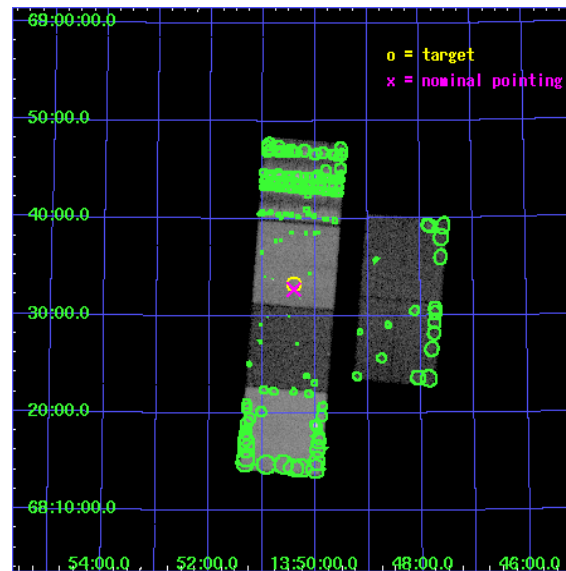
L2 Processing Date : Mar 15 2006

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1 Front

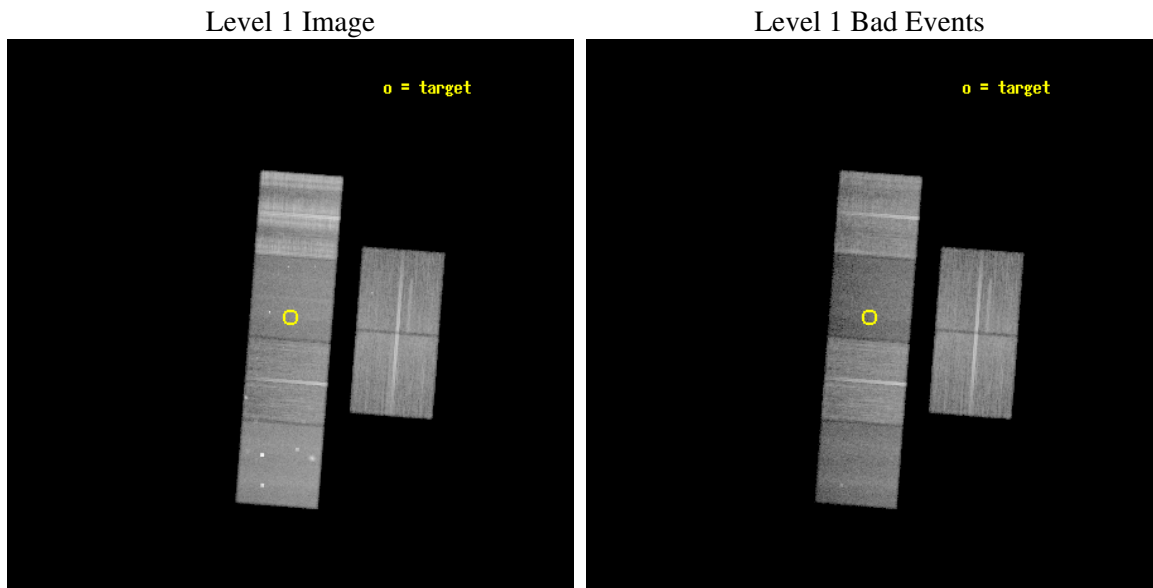
seq_num	500603
obs_id	6284
title	Chandra Observation of the Type IIIn Supernova 2005bx
observer	Prof. Alexei Filippenko
object	SN 2005bx
dtcycle	0
cycle	P
ra_targ	207.604167
dec_targ	68.555389
ra_nom	207.60153135698
dec_nom	68.545780000327
roll_nom	274.40809608988
revision	2
ontime	28742.399892926
livetime	28378.446318887
ontime2	28742.399892926
ontime3	28735.91808188
ontime5	28742.399892926
ontime6	28742.399892926
ontime7	28742.399892926
ontime8	28735.91808185
l2events	318678



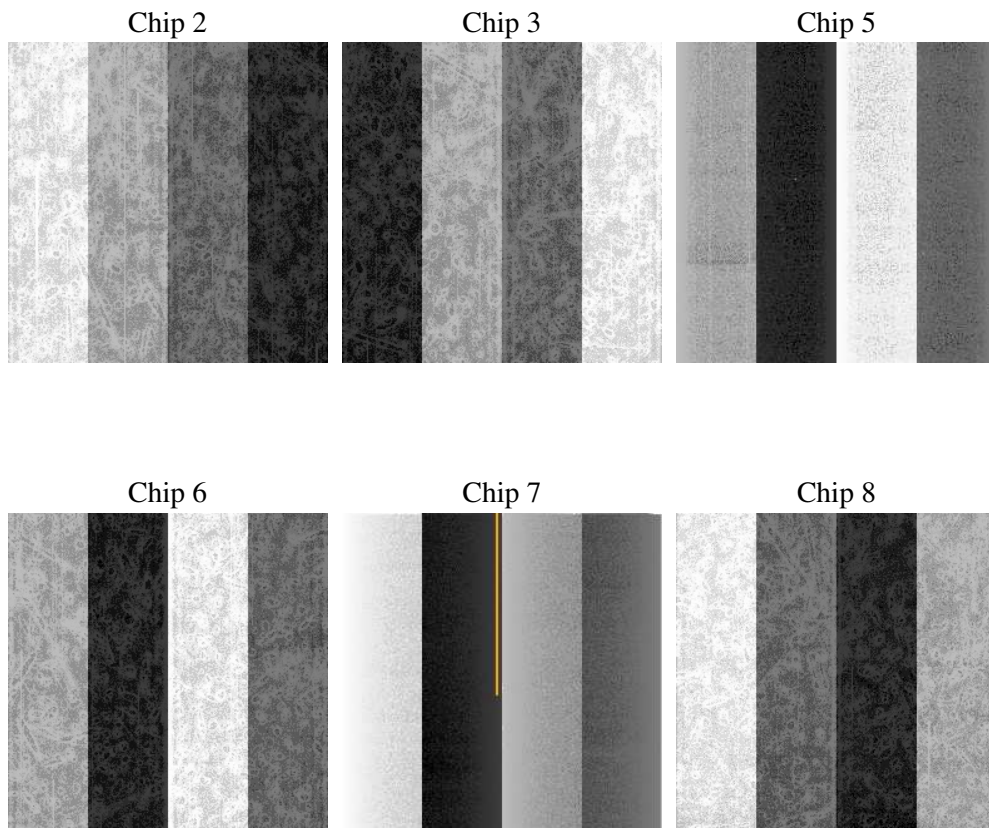
2 OBI

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	2006-03-16T00:36:41
revision	2

sched_exp_time	28600.000000
ontime	29788.047274023
ontime2	29788.047254115
ontime3	29781.565462977
ontime5	29788.047274023
ontime6	29788.047274023
ontime7	29788.047274023
ontime8	29781.565462947
l1events	1443070

2.1.4 Events

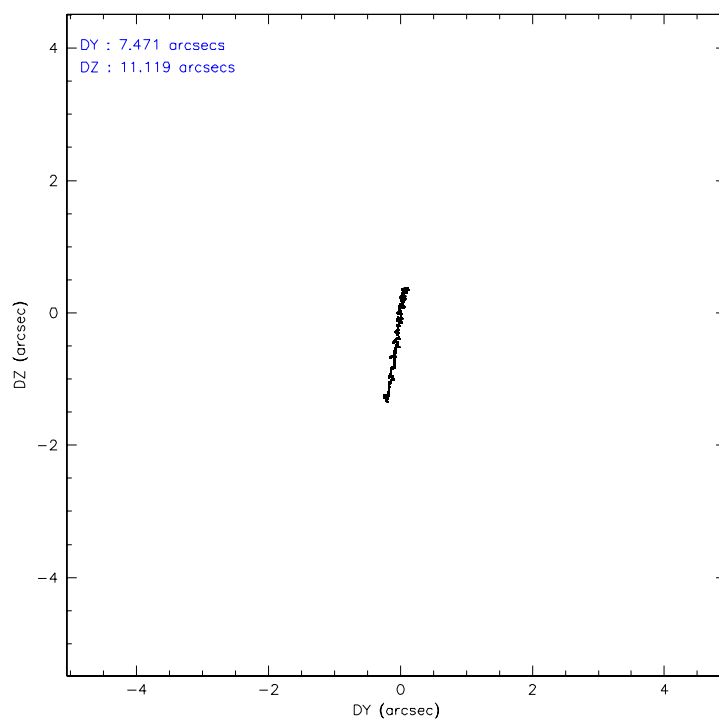
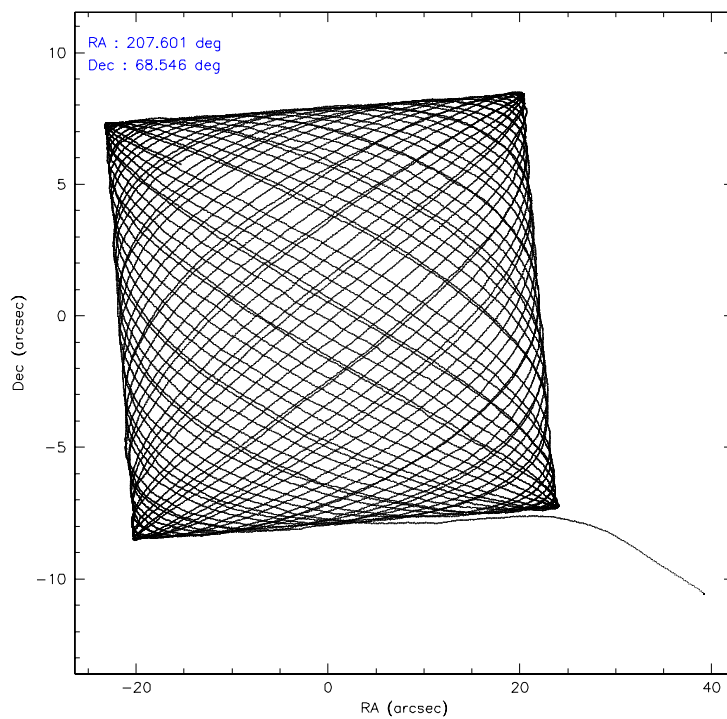
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	232215	198050	242445	218114	181307	370939
rejected events	208419	179346	117092	194824	96282	208451
rejected %	89%	90%	48%	89%	53%	56%

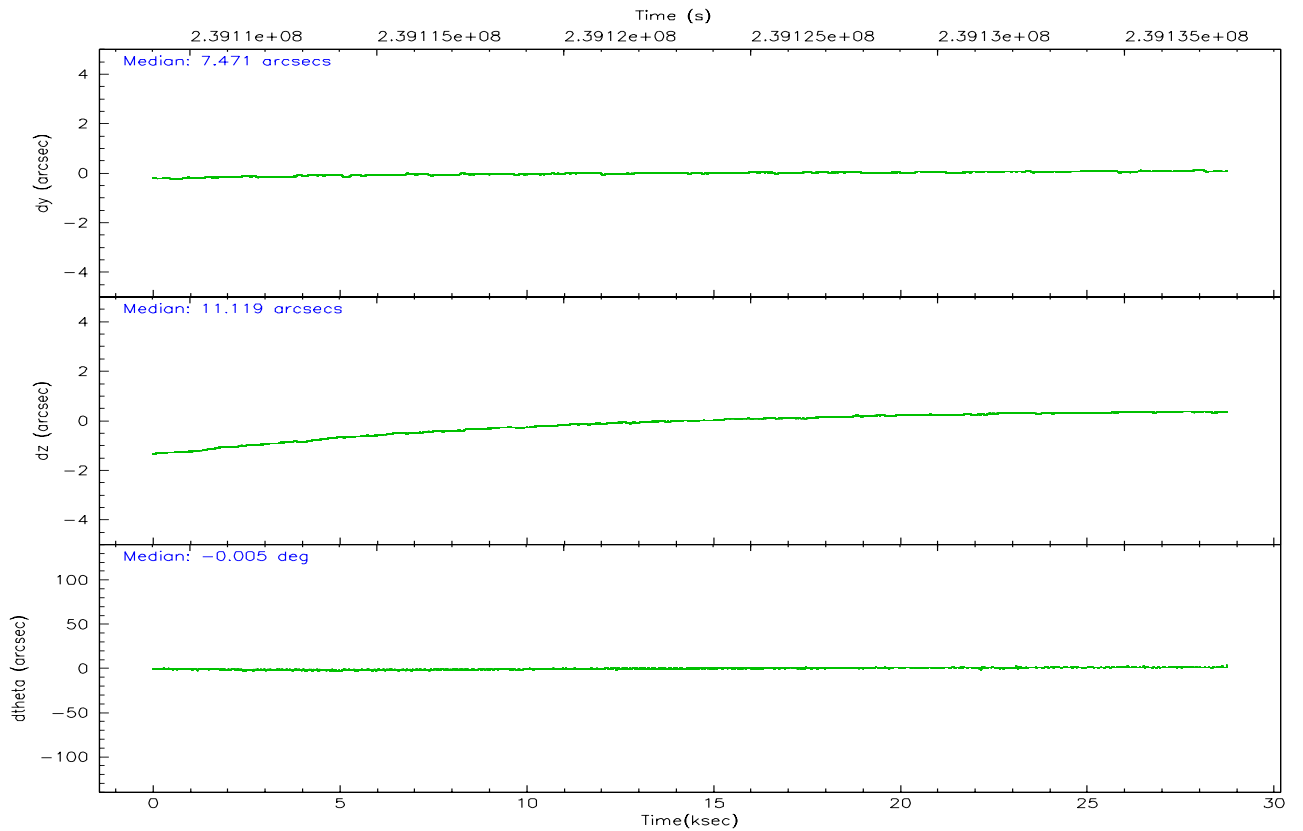
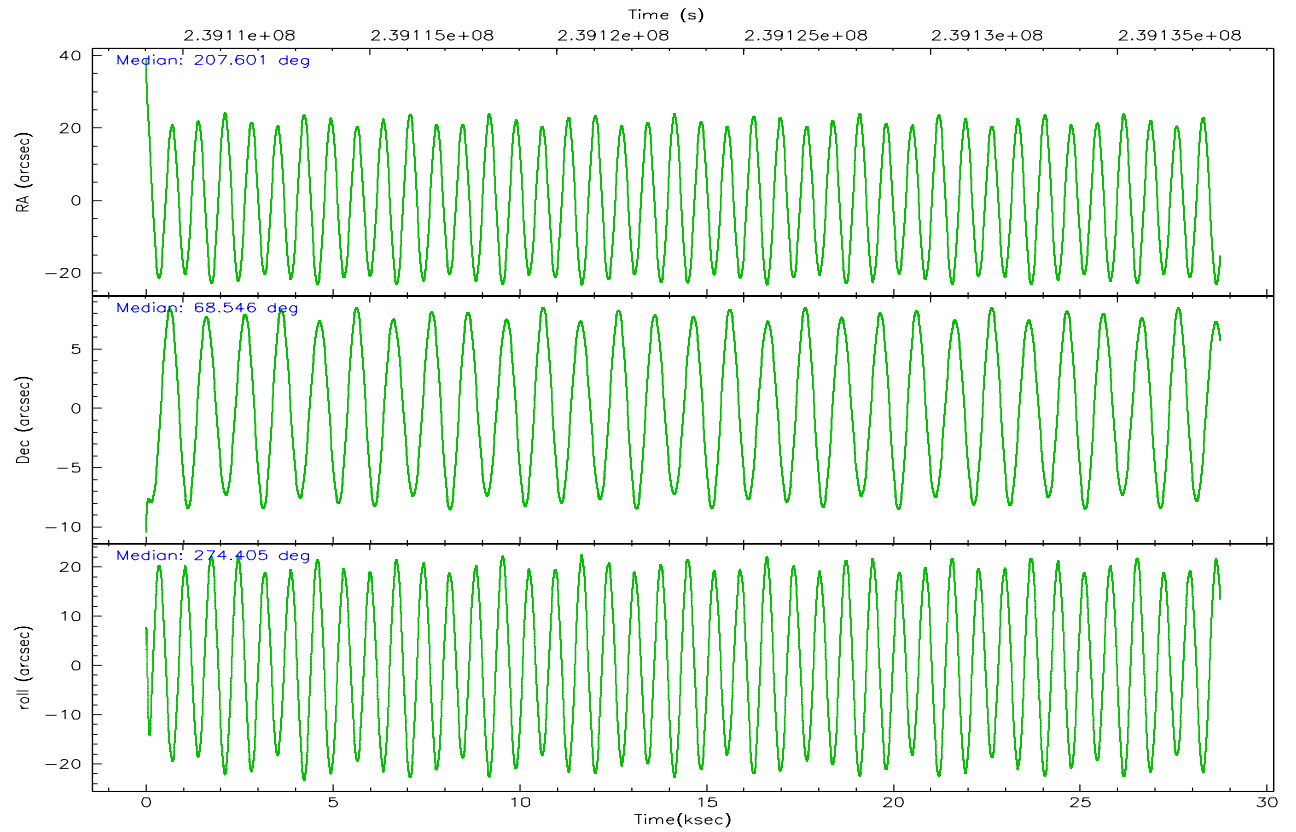
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	9792	7672	15081	9625	6257	45591
	4%	3%	6%	4%	3%	12%
grade 1 events	145	95	348	131	125	373
	0%	0%	0%	0%	0%	0%
grade 2 events	6852	4147	42131	6057	23871	29419
	2%	2%	17%	2%	13%	7%
grade 3 events	1967	2051	4038	2080	5658	26660
	0%	1%	1%	0%	3%	7%
grade 4 events	2421	2006	3662	2154	5548	23708
	1%	1%	1%	0%	3%	6%
grade 5 events	4781	6001	12322	6086	13445	10821
	2%	3%	5%	2%	7%	2%
grade 6 events	3699	3499	65269	4254	46904	43293
	1%	1%	26%	1%	25%	11%
grade 7 events	202558	172579	99594	187727	79499	191074
	87%	87%	41%	86%	43%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	207.558602	207.601531356977	Alternating exposures requested	N	N
Pointing Dec	68.568024	68.545780000327	Primary exposure time	0.000000	3.2
Pointing Roll	274.291407	274.4080960898772			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	239109153.184000	239107576.7634			
Observation start date	2005-07-30T11:11:29	2005-07-30T10:46:16			
Observation end time	239137753.184000	239139511.15236			
Observation end date	2005-07-30T19:08:09	2005-07-30T19:38:31			
Read mode	TIMED	TIMED			

2.3 Aspect



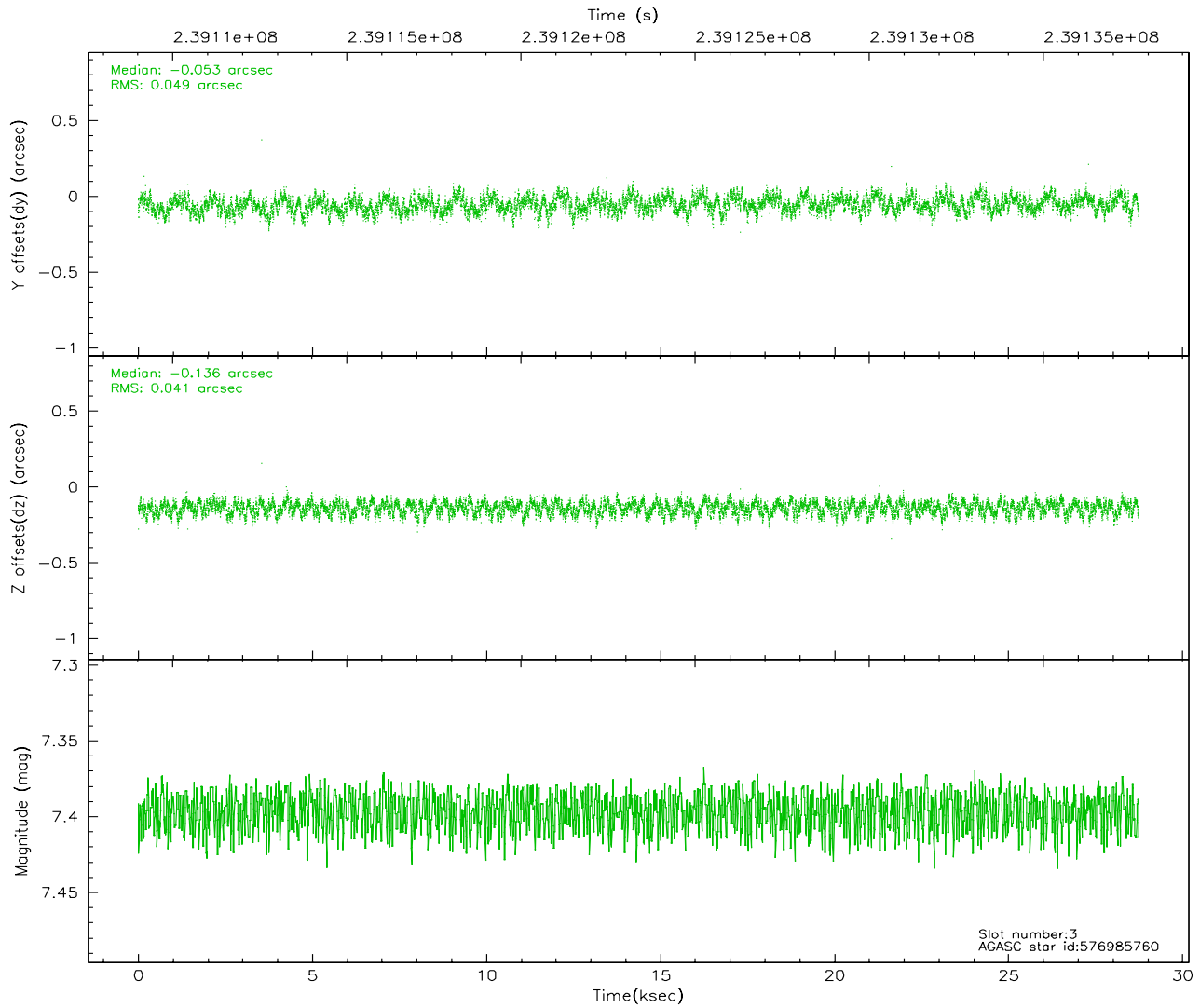
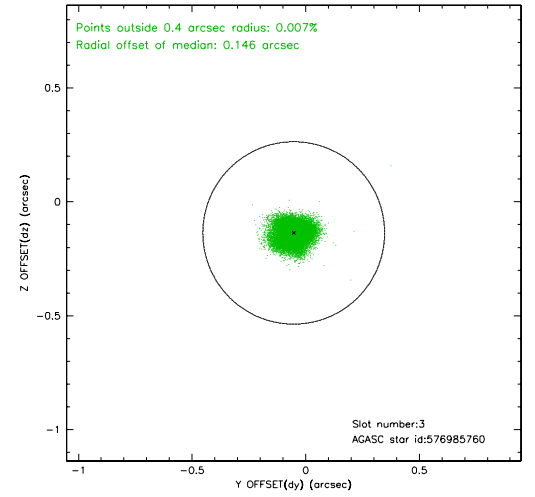
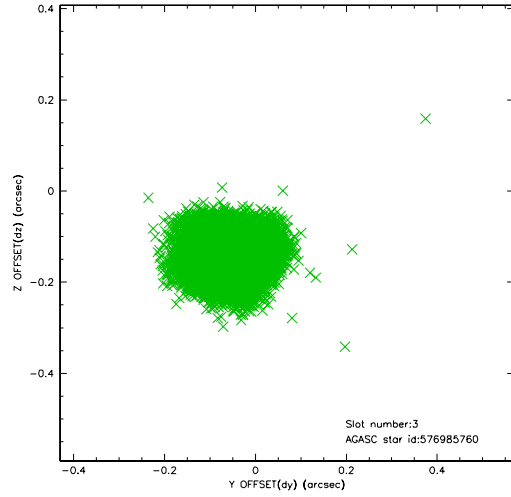


Slot Statistics

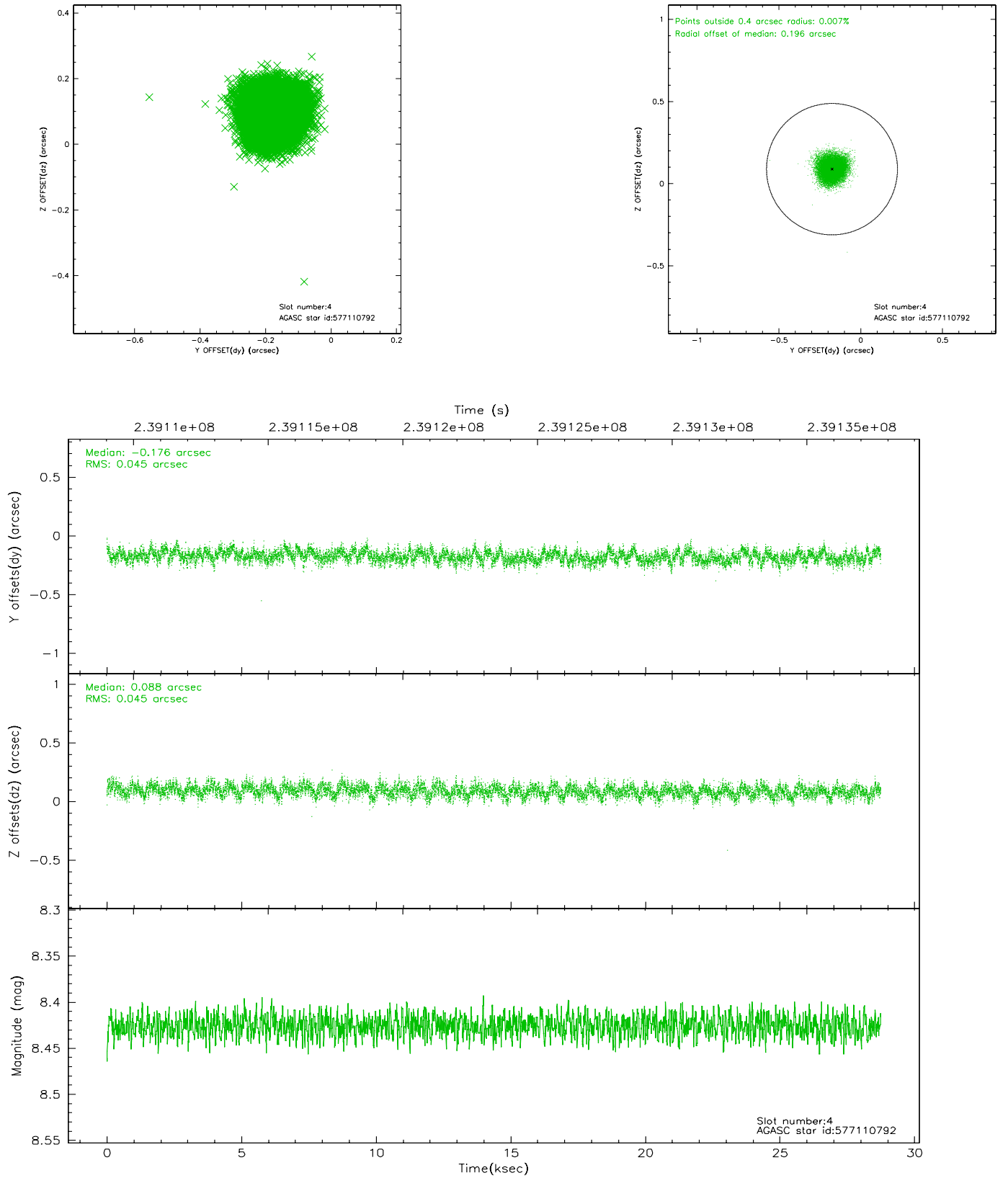
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	7011	-0.028	0.013	0.019	0.031	0.000000	0.000000	-760.22	-1732.19
1	FID	ACIS-S-4	7.20	7011	0.041	0.010	0.023	0.038	0.000000	0.000000	2153.07	176.26
2	FID	ACIS-S-5	7.23	7012	-0.048	-0.012	0.011	0.019	0.000000	0.000000	-1813.00	169.94
3	GUIDE	576985760	7.40	14023	-0.053	-0.136	0.069	0.106	207.721529	69.153363	-2085.59	365.99
4	GUIDE	577110792	8.43	14019	-0.176	0.088	0.069	0.108	209.170624	68.072963	1910.98	2030.03
5	GUIDE	577120680	9.16	14017	0.253	0.054	0.110	0.173	208.850719	68.501563	348.86	1683.64
6	GUIDE	576989584	8.74	14023	-0.072	0.154	0.085	0.135	205.742357	68.734271	-808.78	-2316.66
7	GUIDE	576992152	8.45	14023	0.049	-0.150	0.063	0.100	207.803675	68.326269	891.75	259.21

2.4 Star Slots

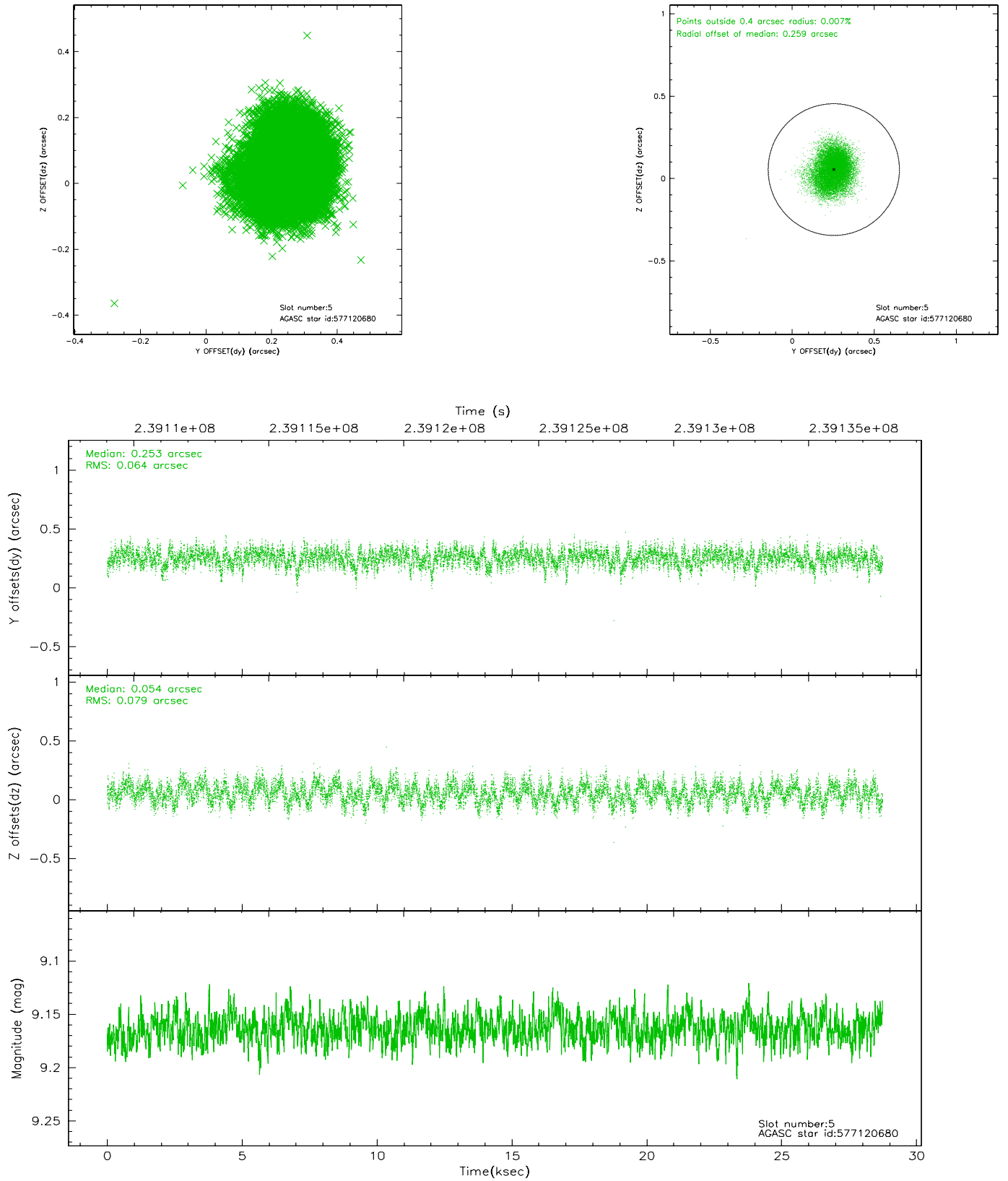
2.4.1 Slot 3



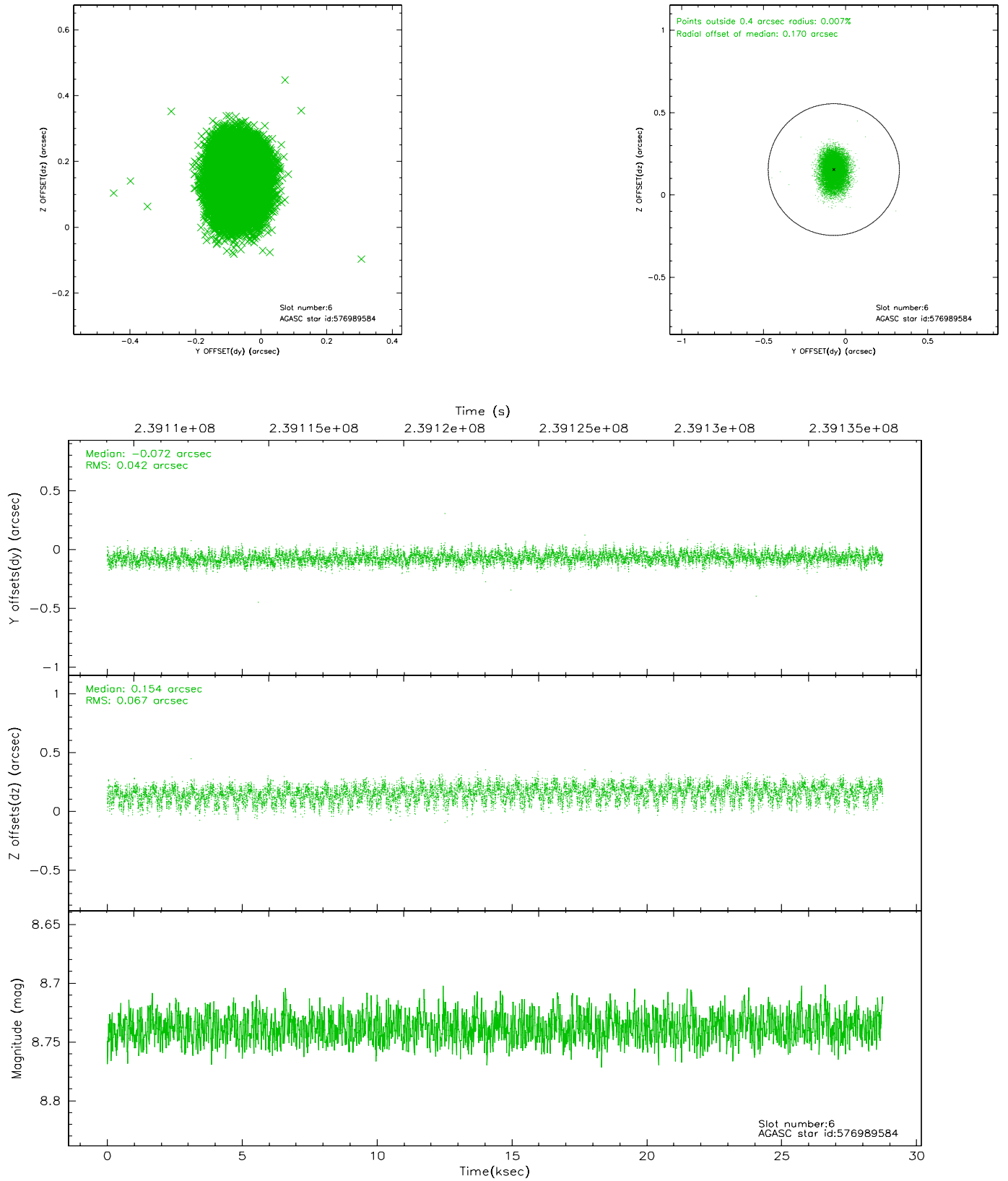
2.4.2 Slot 4



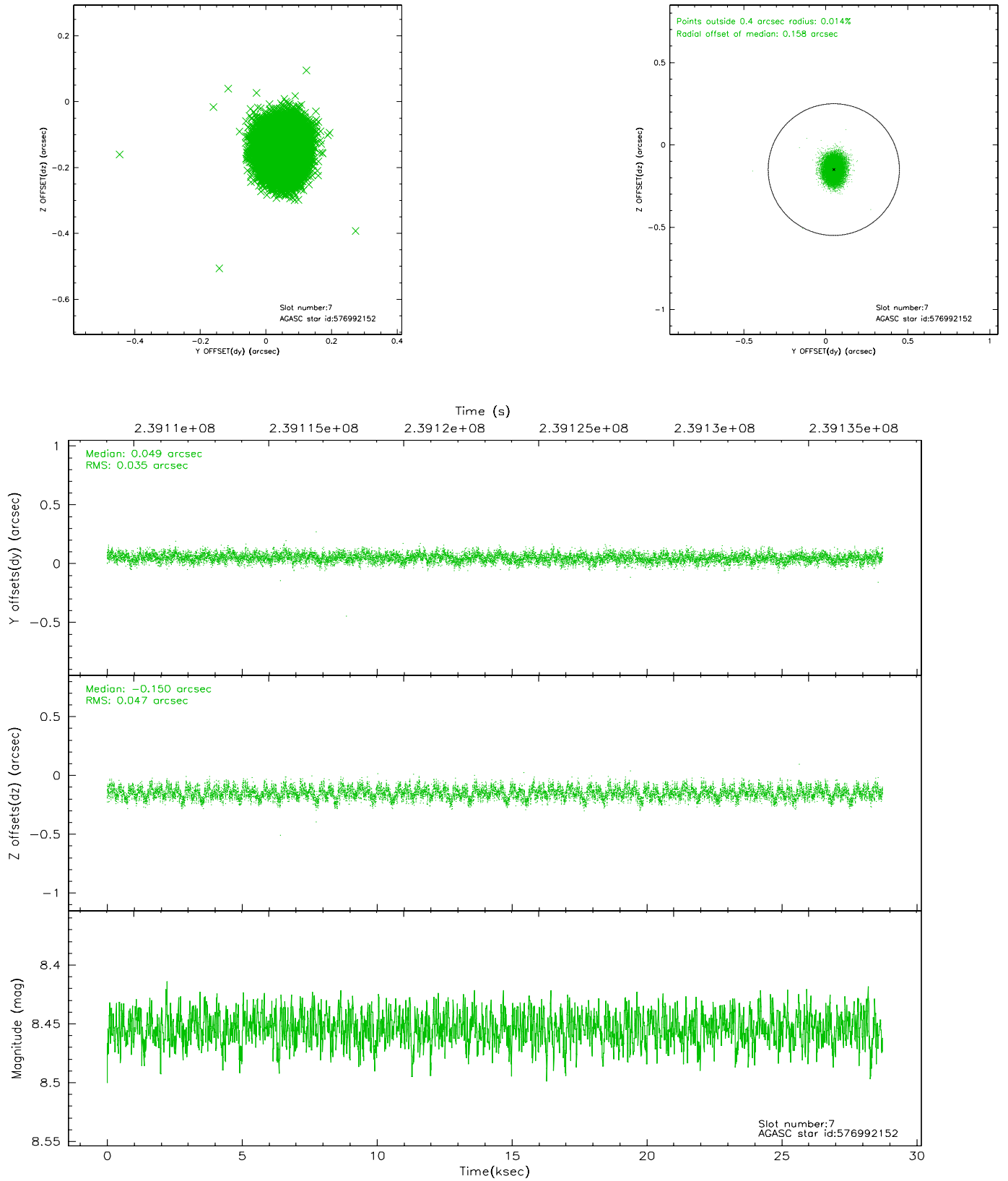
2.4.3 Slot 5



2.4.4 Slot 6

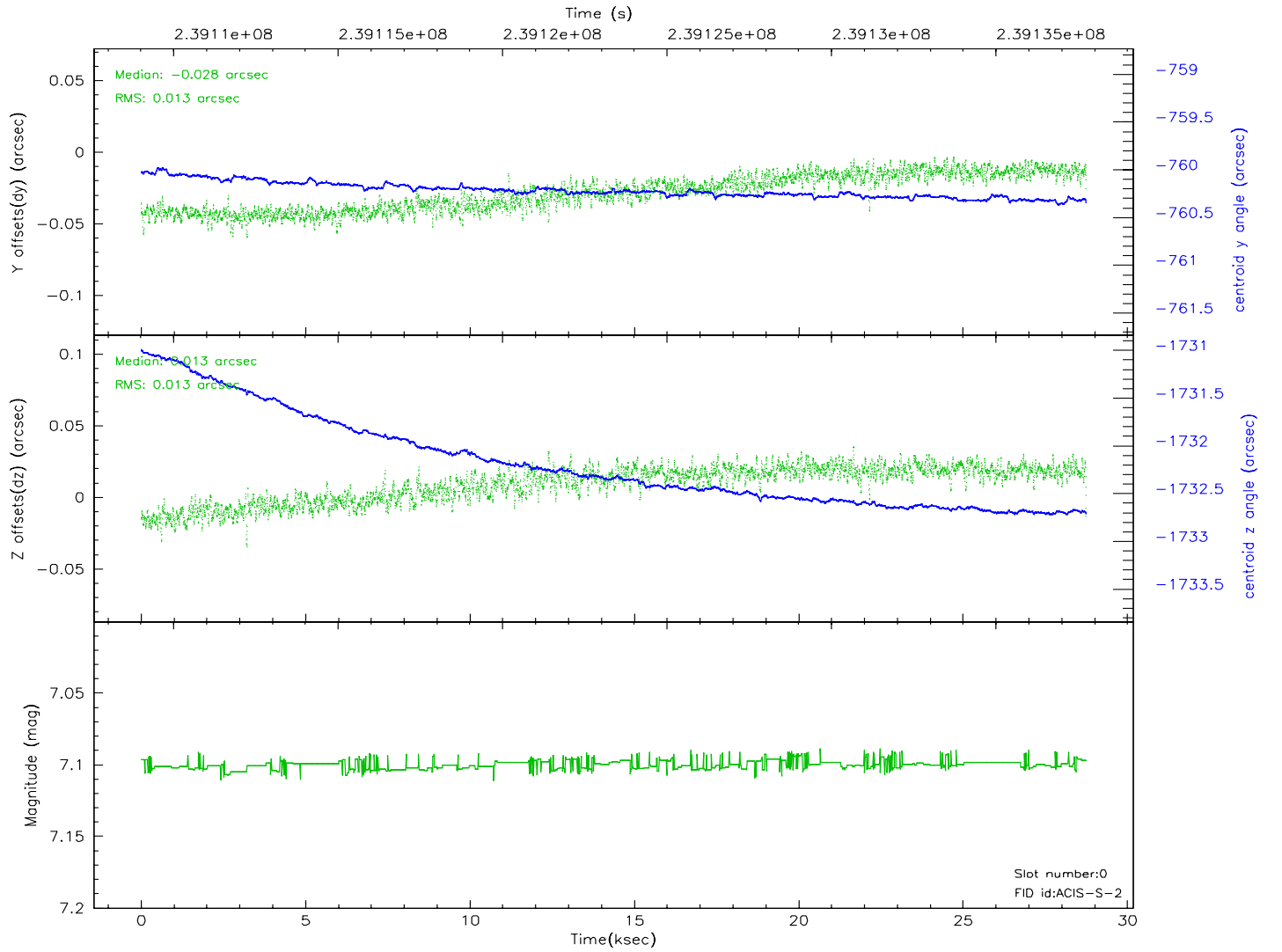
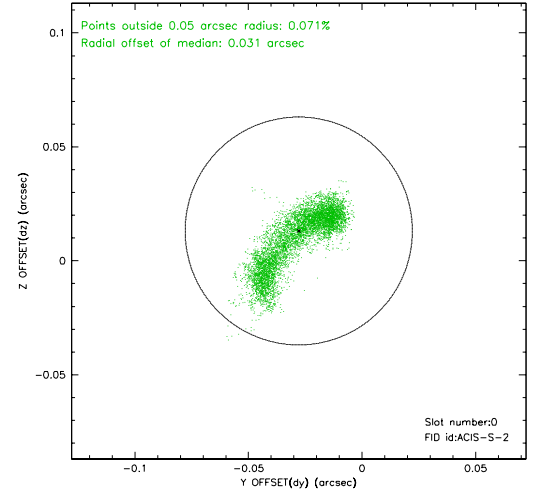
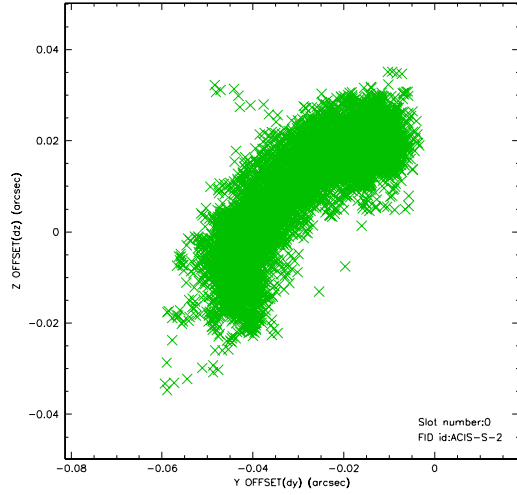


2.4.5 Slot 7

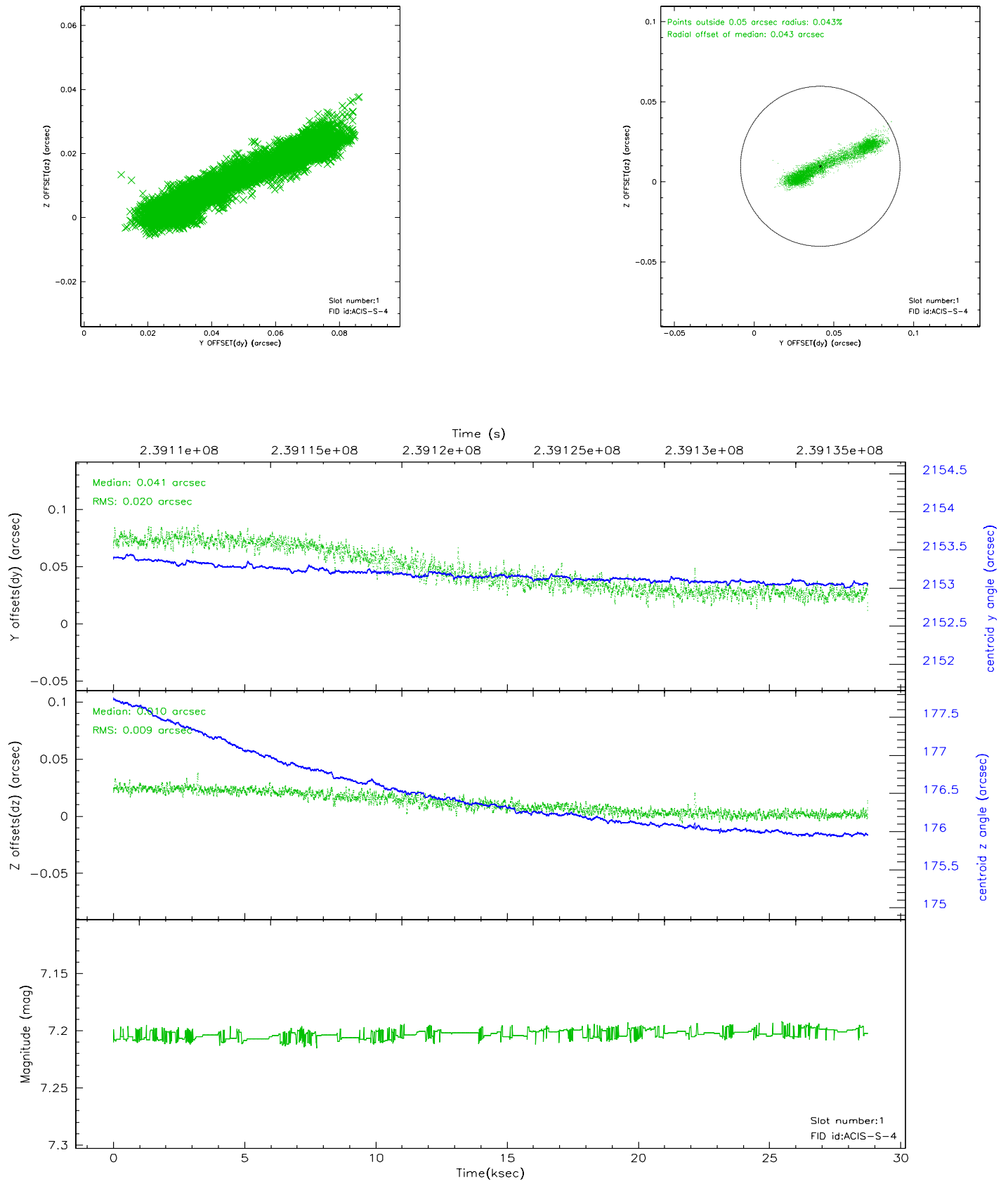


2.5 FID Slots

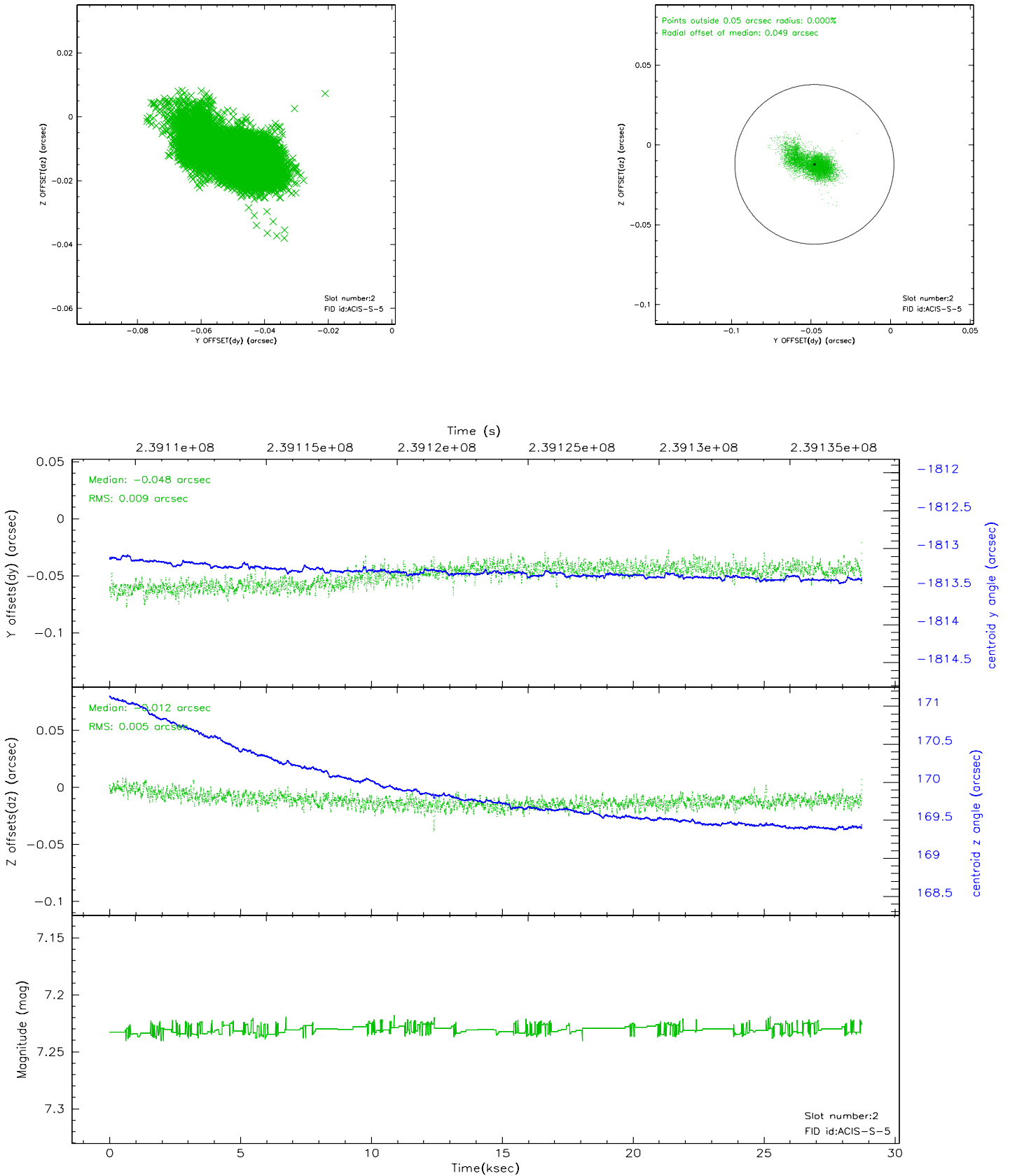
2.5.1 Slot 0



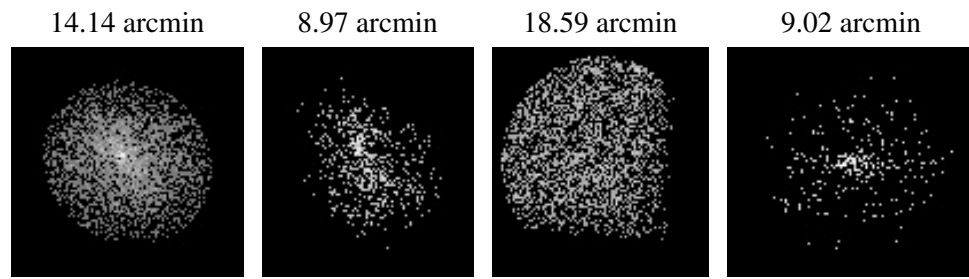
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.78804

A.2 Comments