

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 3194 - L2 Version 001
Chandra X-Ray Center

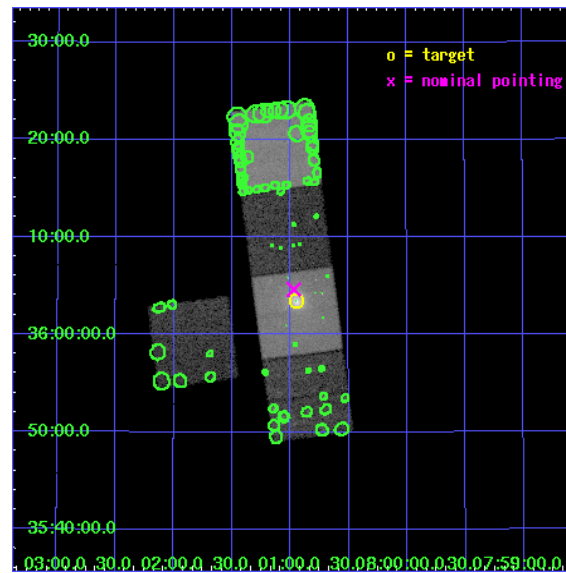
L2 Processing Date : Jan 13 2007

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1 Front

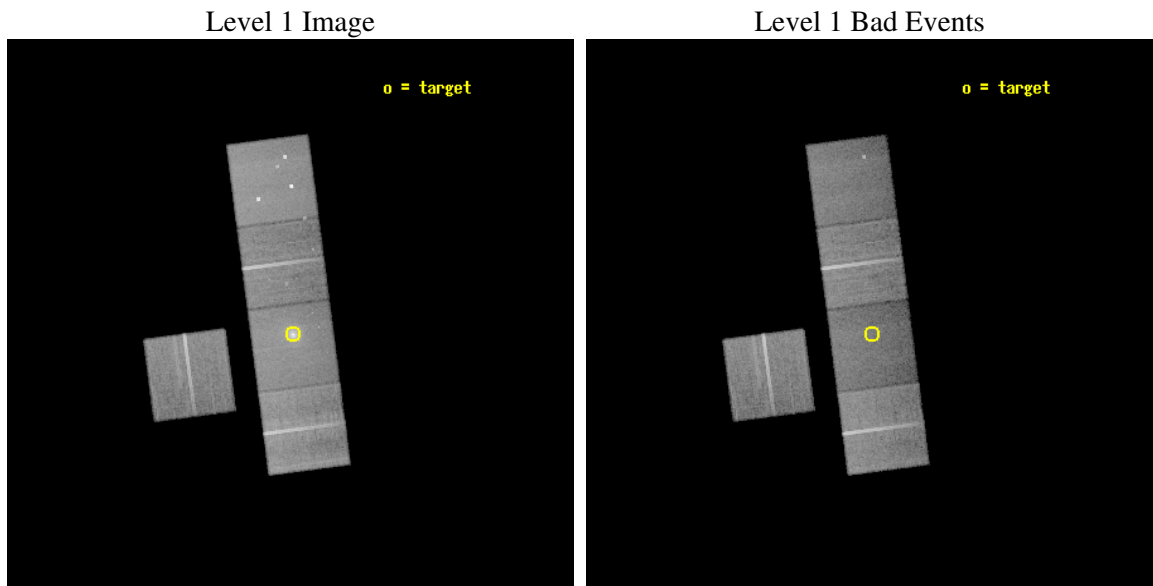
seq_num	800194
obs_id	3194
title	CHANDRA AND HST OBSERVATIONS OF THE BRIGHTEST, RELAXED CLUSTER LENSES
observer	Dr Steven Allen
object	ABELL 611
dtcycle	0
cycle	P
ra_targ	120.237083
dec_targ	36.057222
ra_nom	120.24255217209
dec_nom	36.077554545078
roll_nom	82.547078126915
revision	2
ontime	36592.399929643
livetime	36114.293285629
ontime3	36582.977028996
ontime5	36592.399929643
ontime6	36592.399929643
ontime7	36592.399929643
ontime8	36586.117999151
l2events	296394



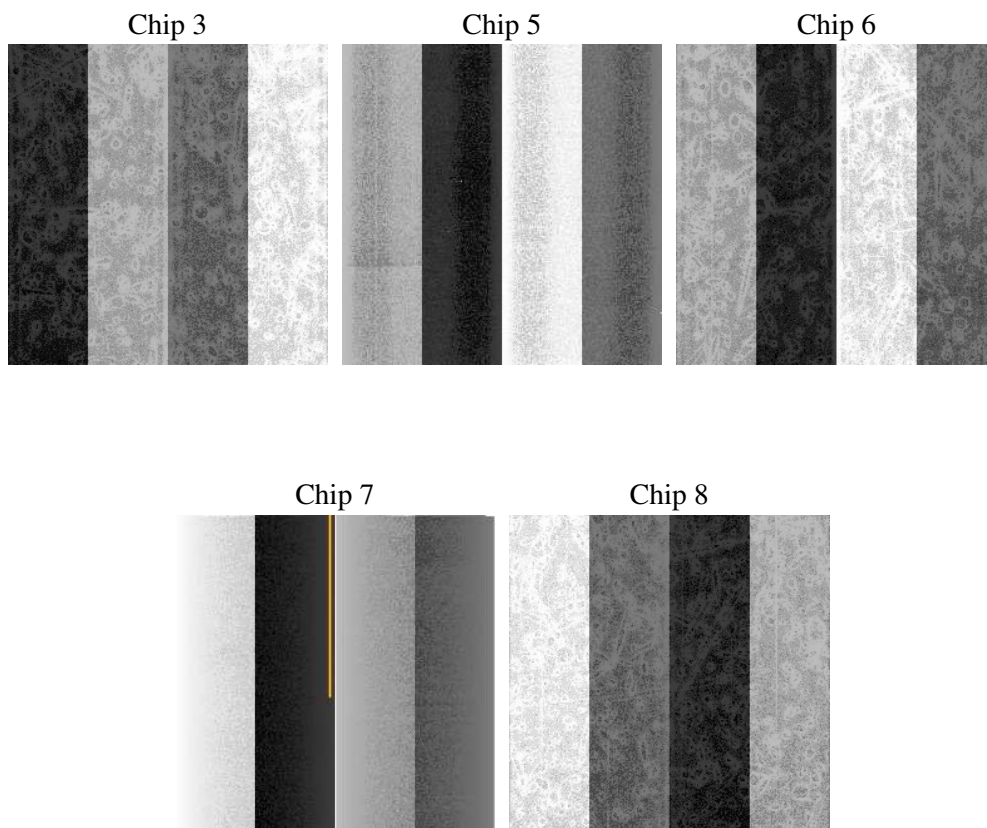
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-13T15:26:02
revision	2

sched_exp_time	36500.000000
ontime	36592.399929643
ontime3	36582.977028996
ontime5	36592.399929643
ontime6	36592.399929643
ontime7	36592.399929643
ontime8	36586.117999151
l1events	1164821

2.1.4 Events

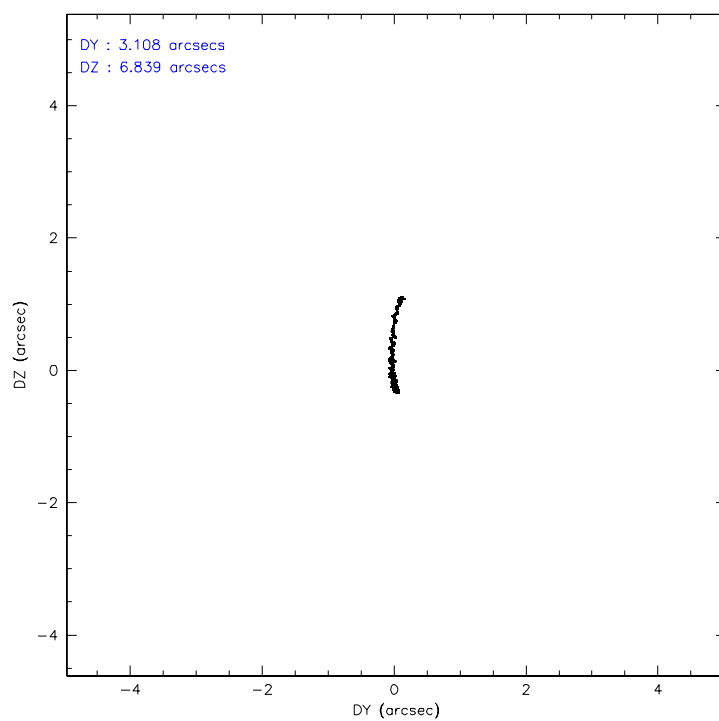
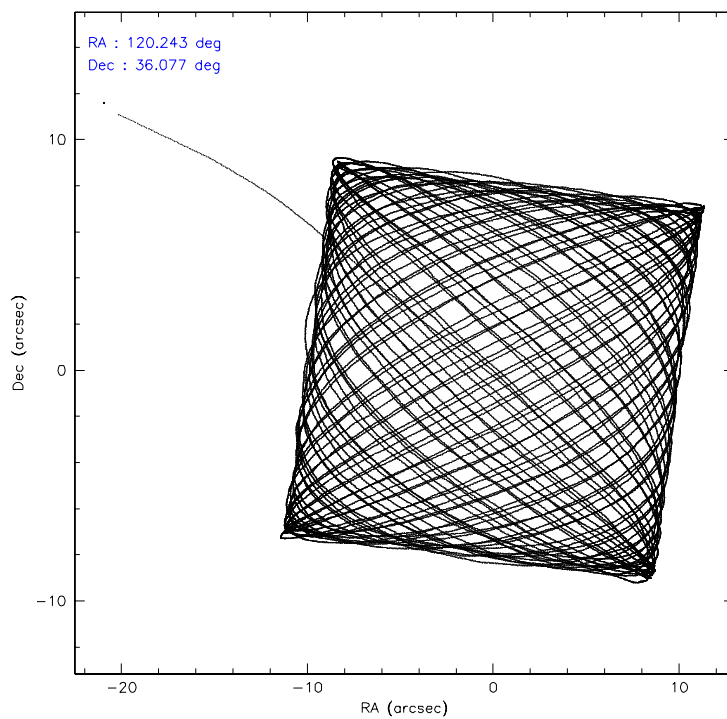
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	202071	264973	203435	238744	255598
rejected events	184240	129833	181495	115123	196670
rejected %	91%	48%	89%	48%	76%

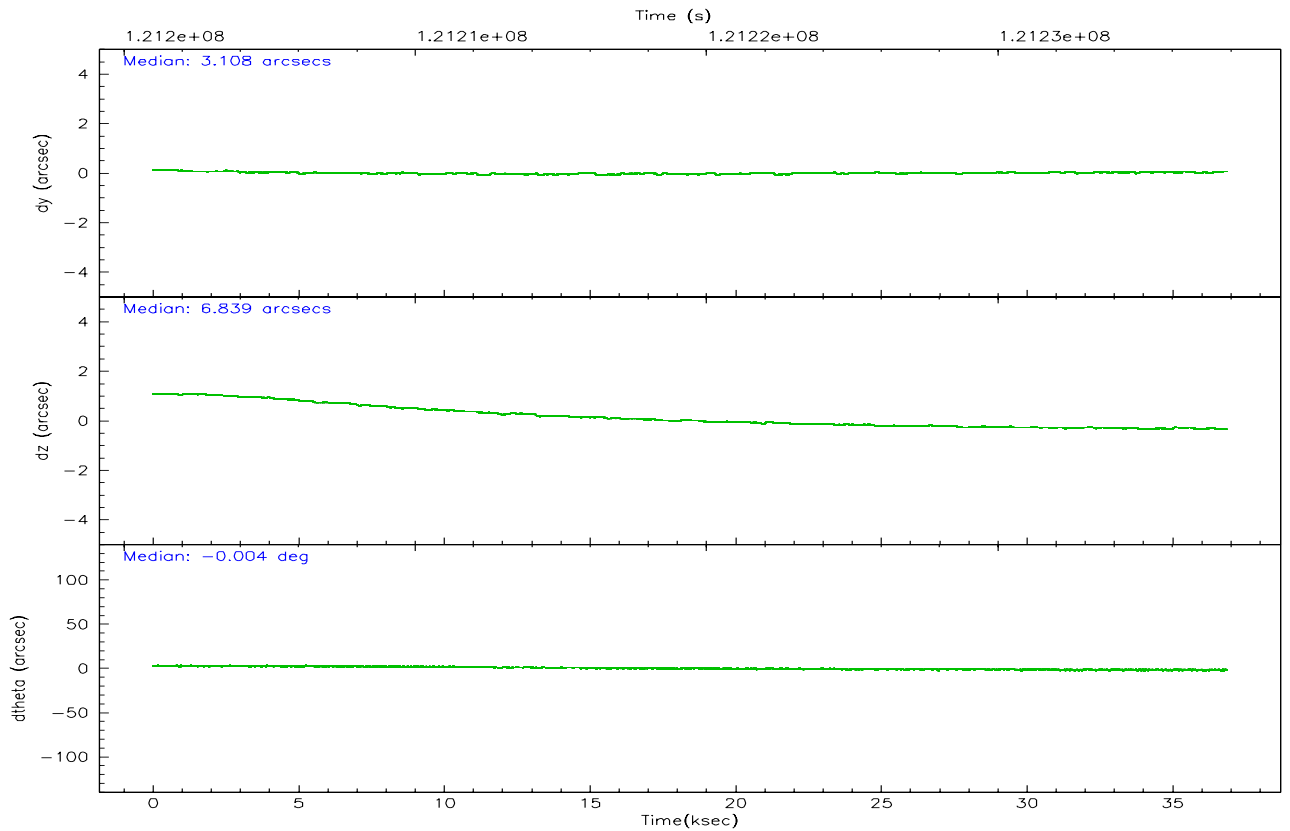
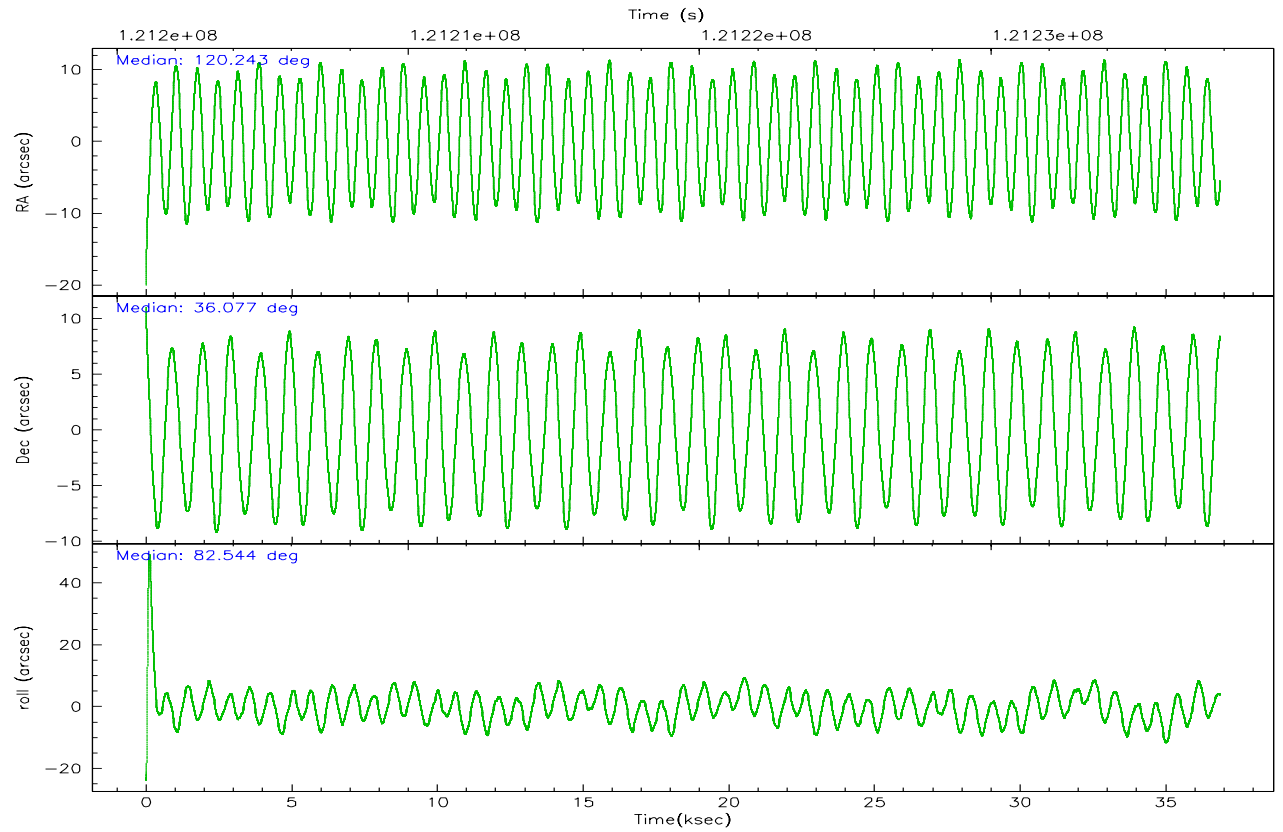
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	6219	20404	8761	17053	19039
	3%	7%	4%	7%	7%
grade 1 events	78	239	112	187	183
	0%	0%	0%	0%	0%
grade 2 events	3709	37486	4299	26262	12224
	1%	14%	2%	11%	4%
grade 3 events	2113	6120	2401	12477	6652
	1%	2%	1%	5%	2%
grade 4 events	2123	5870	2290	12262	6118
	1%	2%	1%	5%	2%
grade 5 events	6901	21235	7505	22528	10336
	3%	8%	3%	9%	4%
grade 6 events	3671	65275	4190	55571	14895
	1%	24%	2%	23%	5%
grade 7 events	177257	108344	173877	92404	186151
	87%	40%	85%	38%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	120.255855	120.2425521720935	Subarray requested	NONE	NONE
Pointing Dec	36.052502	36.07755454507758	Alternating exposures requested	N	N
Pointing Roll	82.382647	82.54707812691507	Primary exposure time	0.000000	3.1
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	121201371.184000	121200302.13558			
Observation start date	2001-11-03T19:01:47	2001-11-03T18:45:02			
Observation end time	121237871.184000	121238368.07459			
Observation end date	2001-11-04T05:10:07	2001-11-04T05:19:28			
Read mode	TIMED	TIMED			

2.3 Aspect



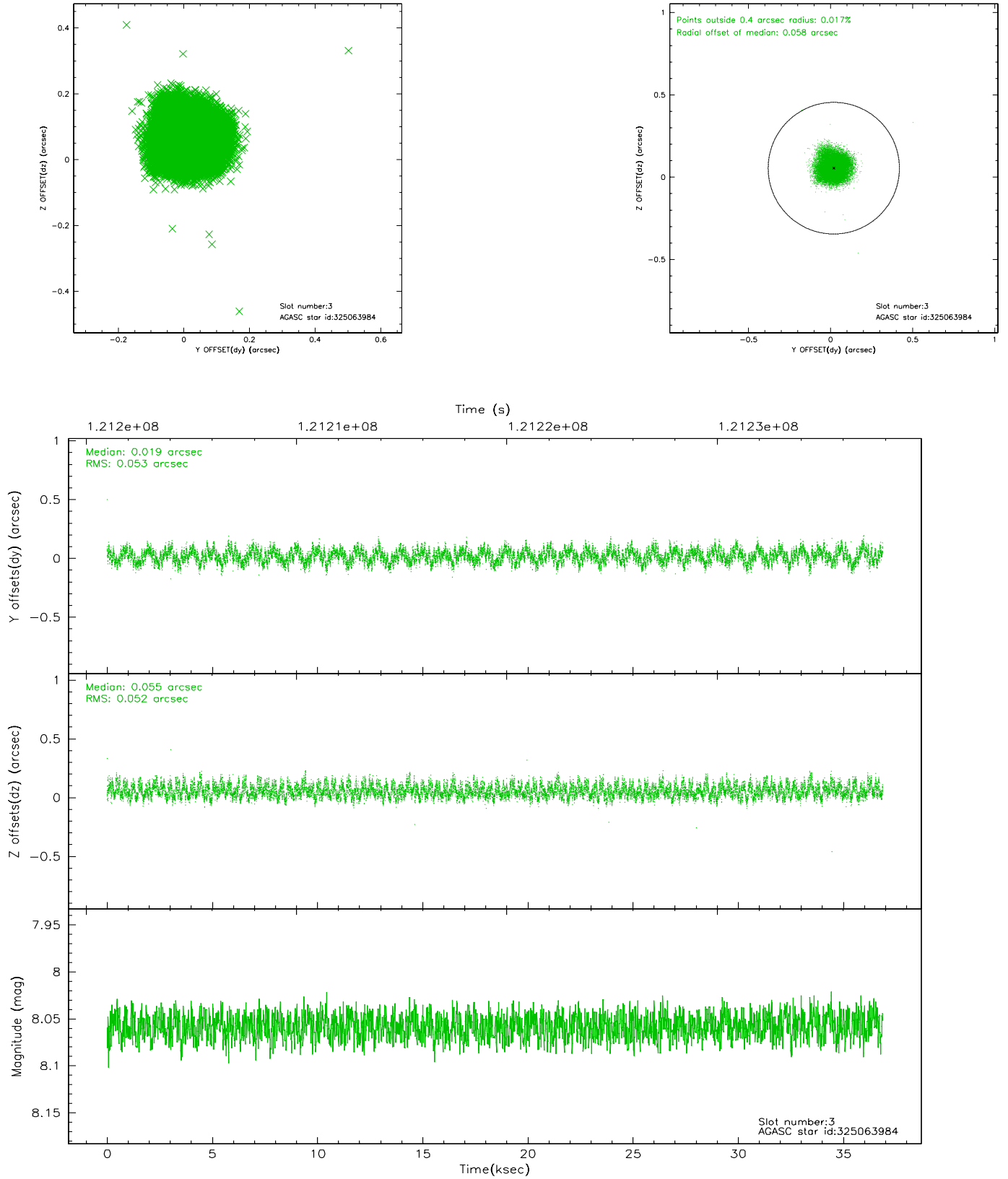


Slot Statistics

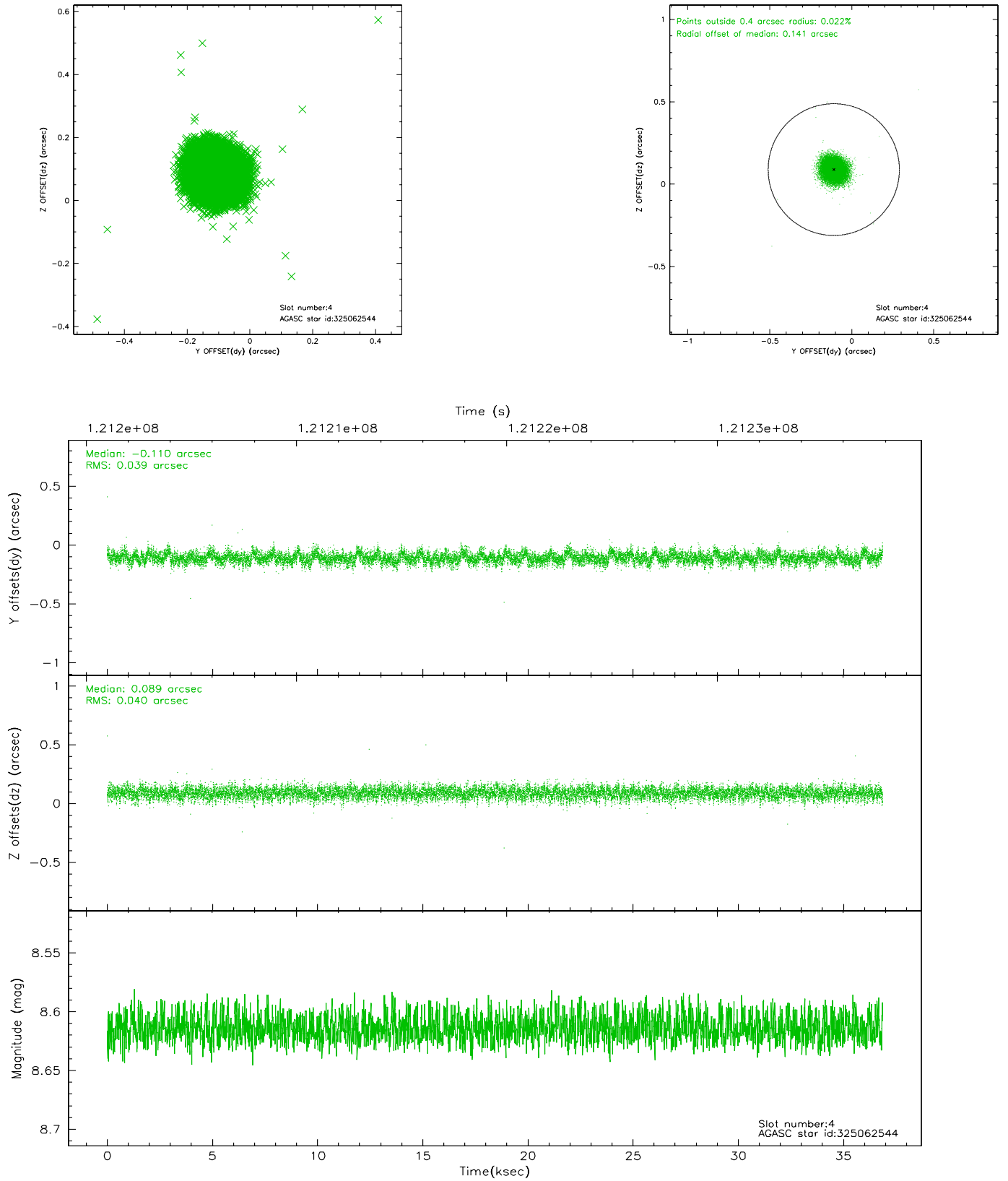
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	8993	-0.003	0.029	0.012	0.021	0.000000	0.000000	-755.75	-1728.09
1	FID	ACIS-S-4	7.20	8993	-0.070	-0.007	0.009	0.014	0.000000	0.000000	2157.44	180.34
2	FID	ACIS-S-5	7.24	8993	0.040	-0.014	0.010	0.019	0.000000	0.000000	-1808.52	174.03
3	GUIDE	325063984	8.06	17980	0.019	0.055	0.081	0.122	120.588831	35.889114	-452.27	-1039.58
4	GUIDE	325062544	8.61	17986	-0.110	0.089	0.059	0.095	120.714391	36.085678	298.57	-1305.26
5	GUIDE	324534312	9.50	17980	0.127	-0.071	0.088	0.143	120.135932	35.613745	-1611.44	139.00
6	GUIDE	325066416	9.92	17969	-0.245	0.093	0.125	0.201	120.525987	36.625611	2149.40	-498.91
7	GUIDE	324535336	10.00	17975	0.207	-0.163	0.155	0.251	119.509290	35.529890	-2145.99	1920.04

2.4 Star Slots

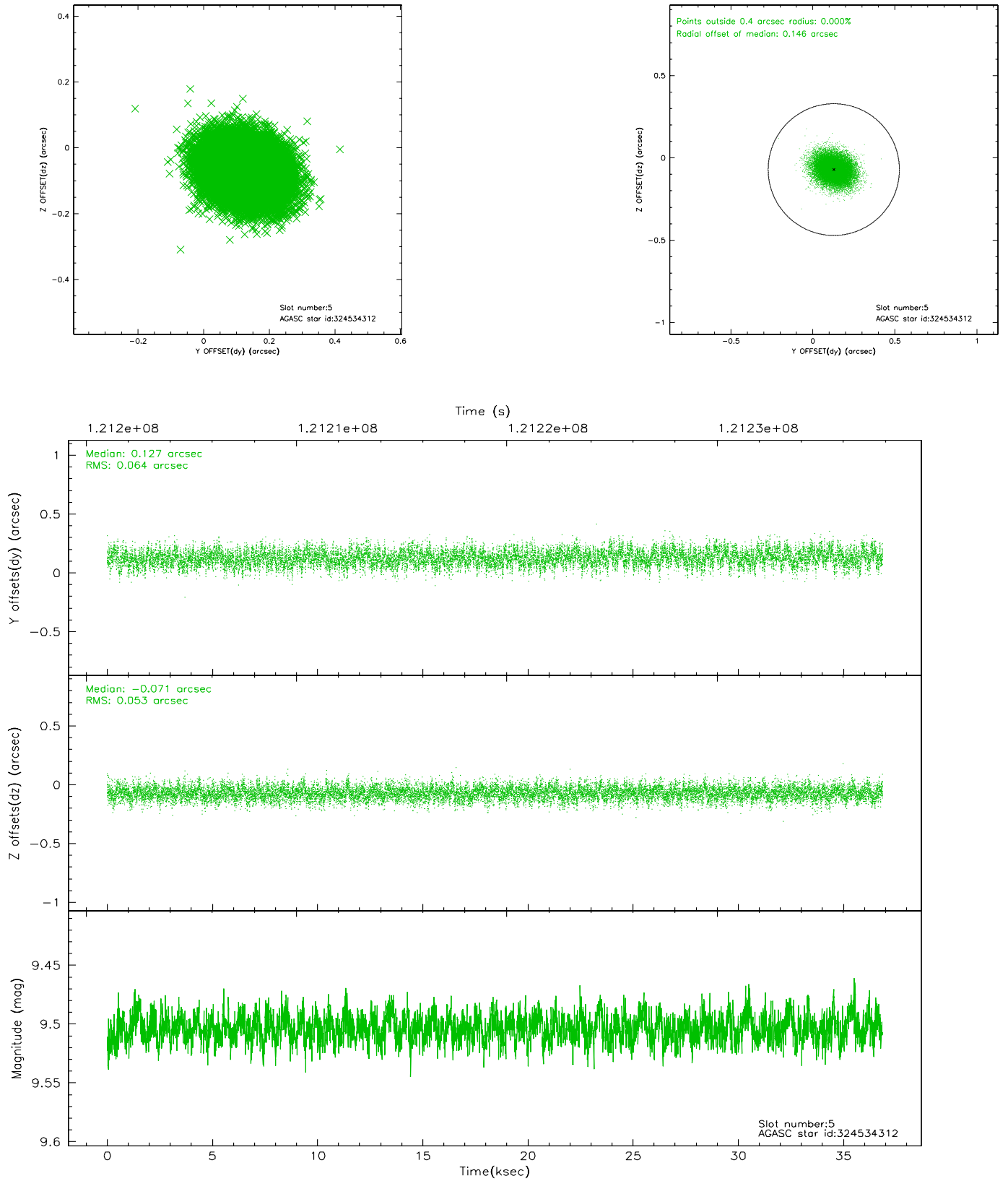
2.4.1 Slot 3



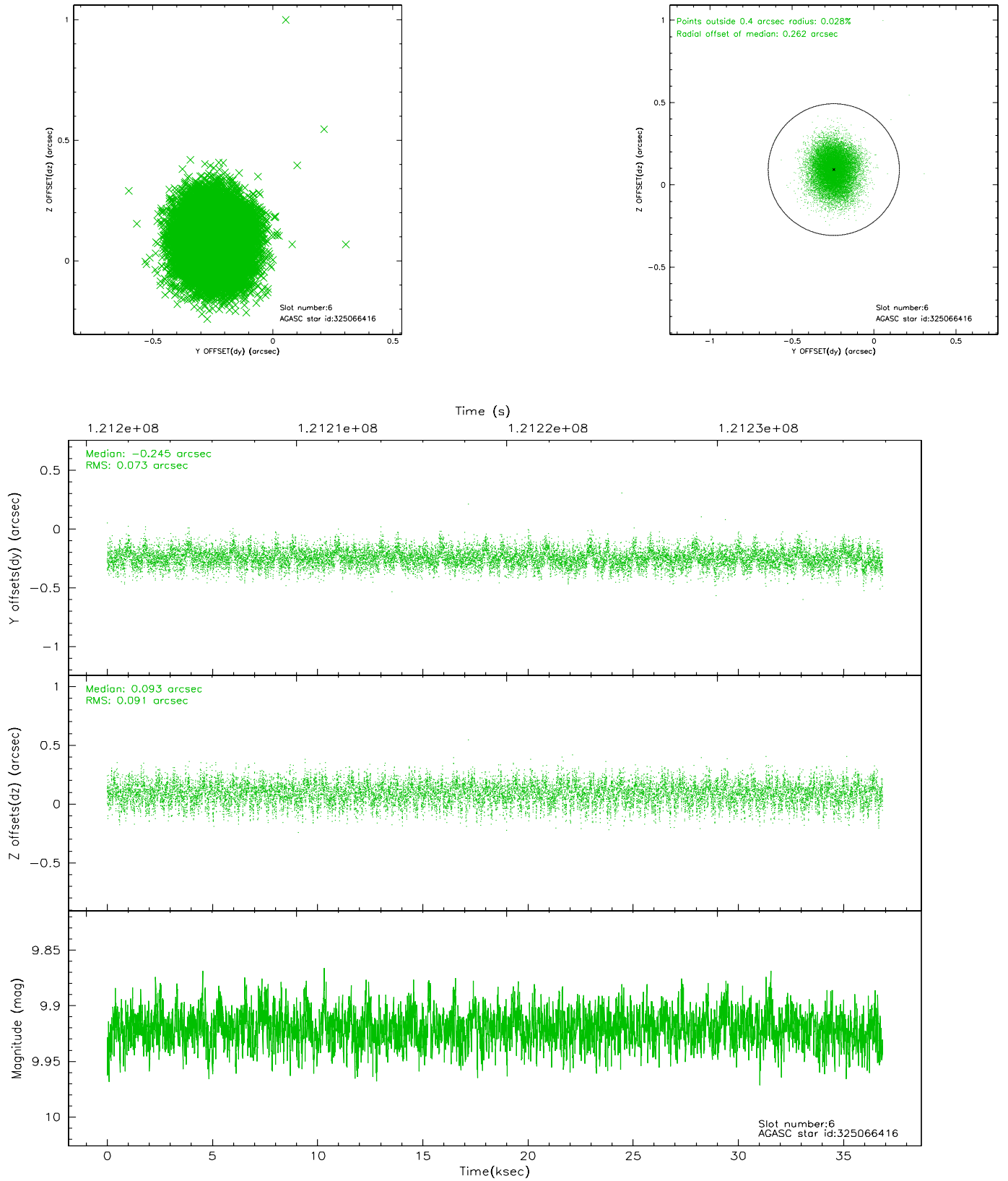
2.4.2 Slot 4



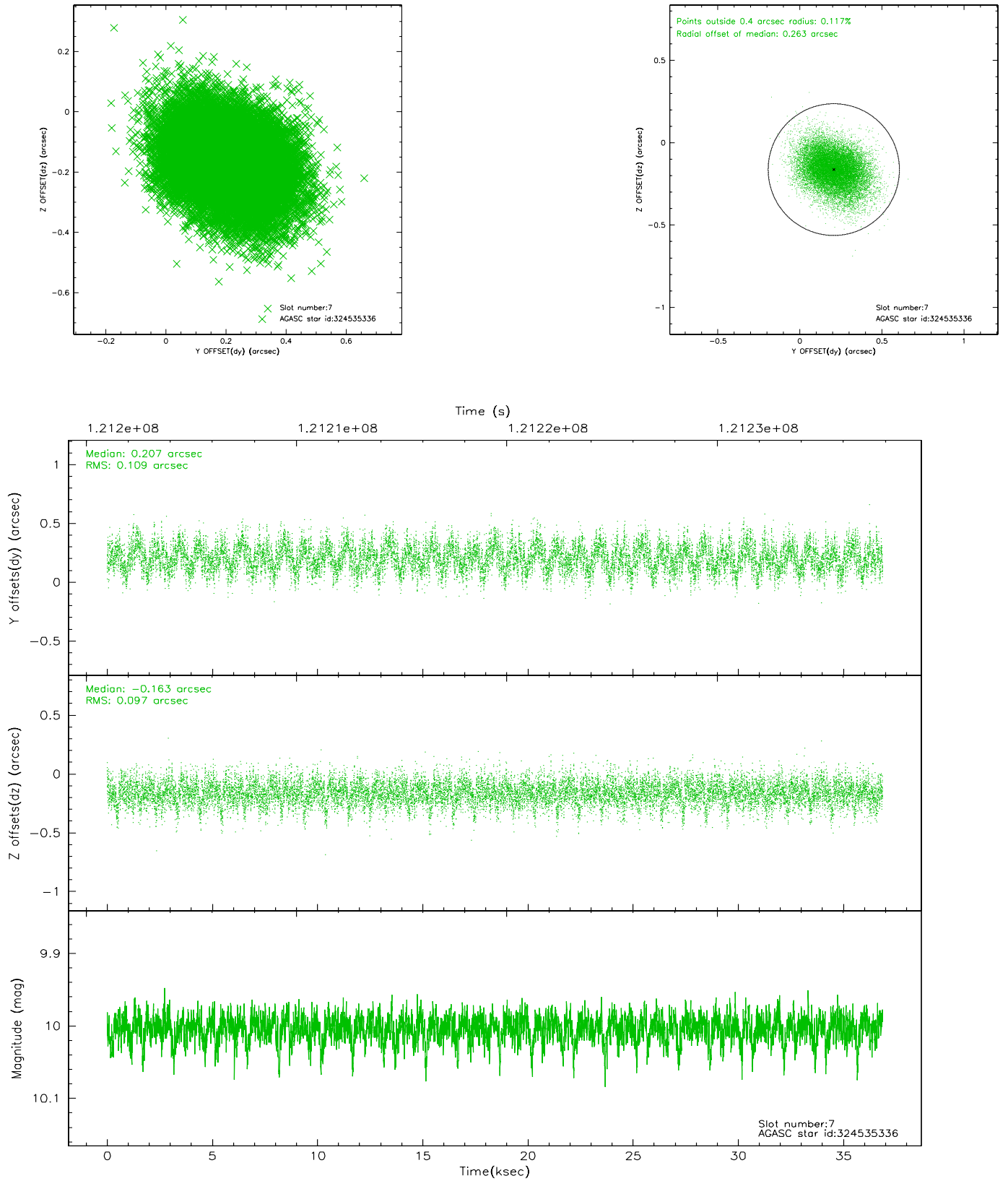
2.4.3 Slot 5



2.4.4 Slot 6

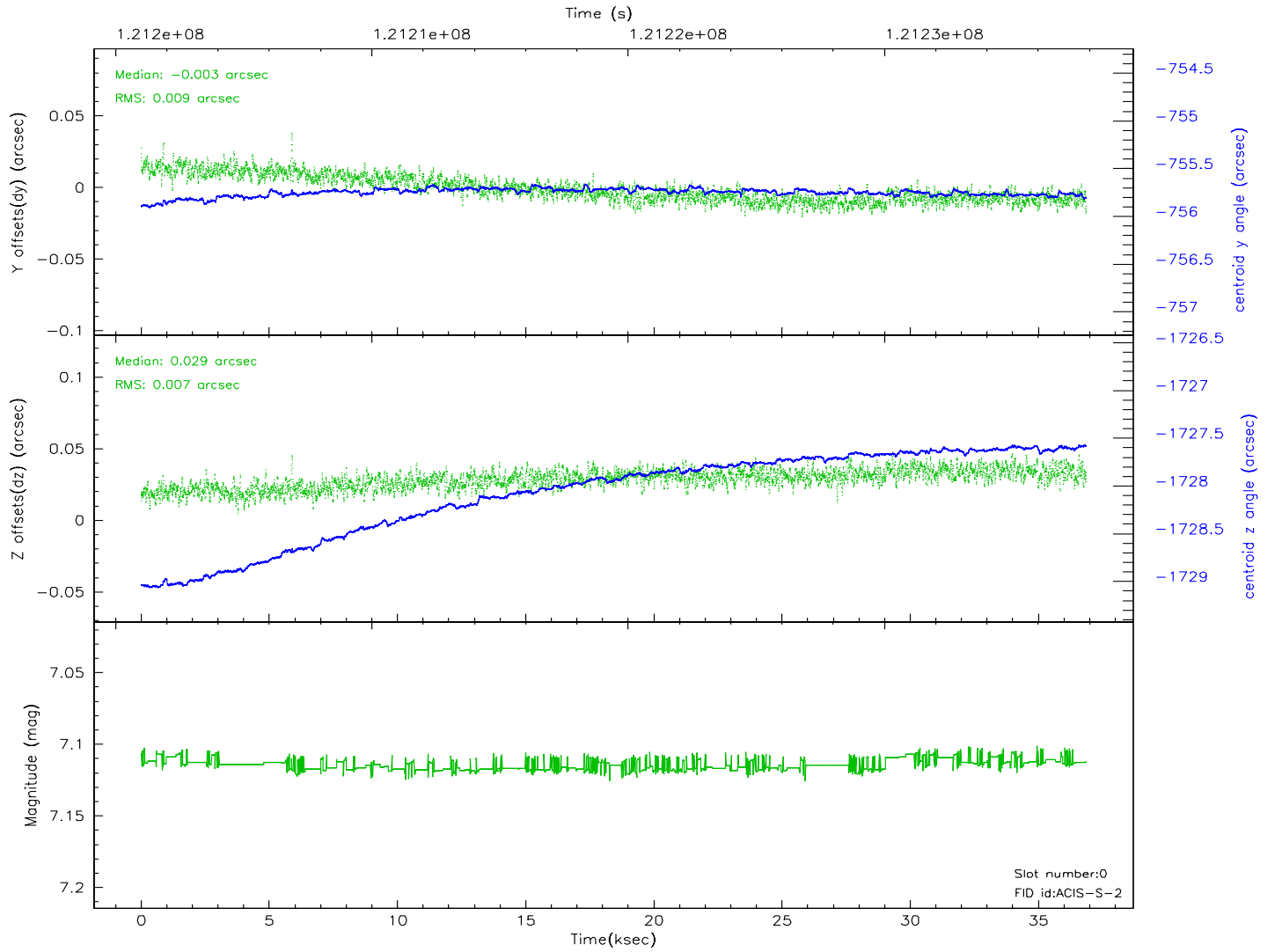
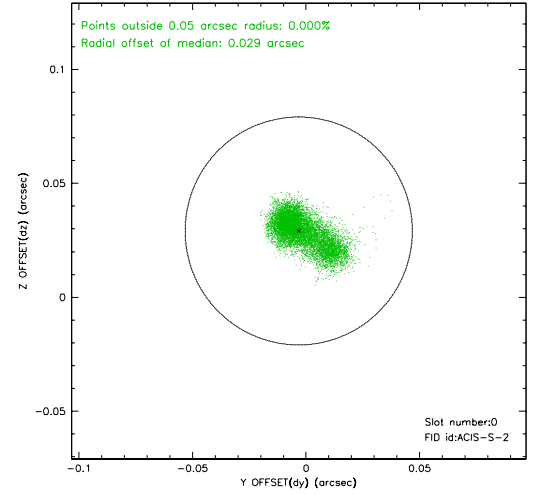
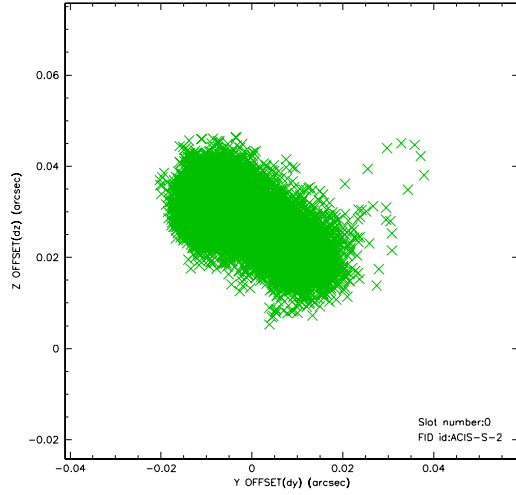


2.4.5 Slot 7

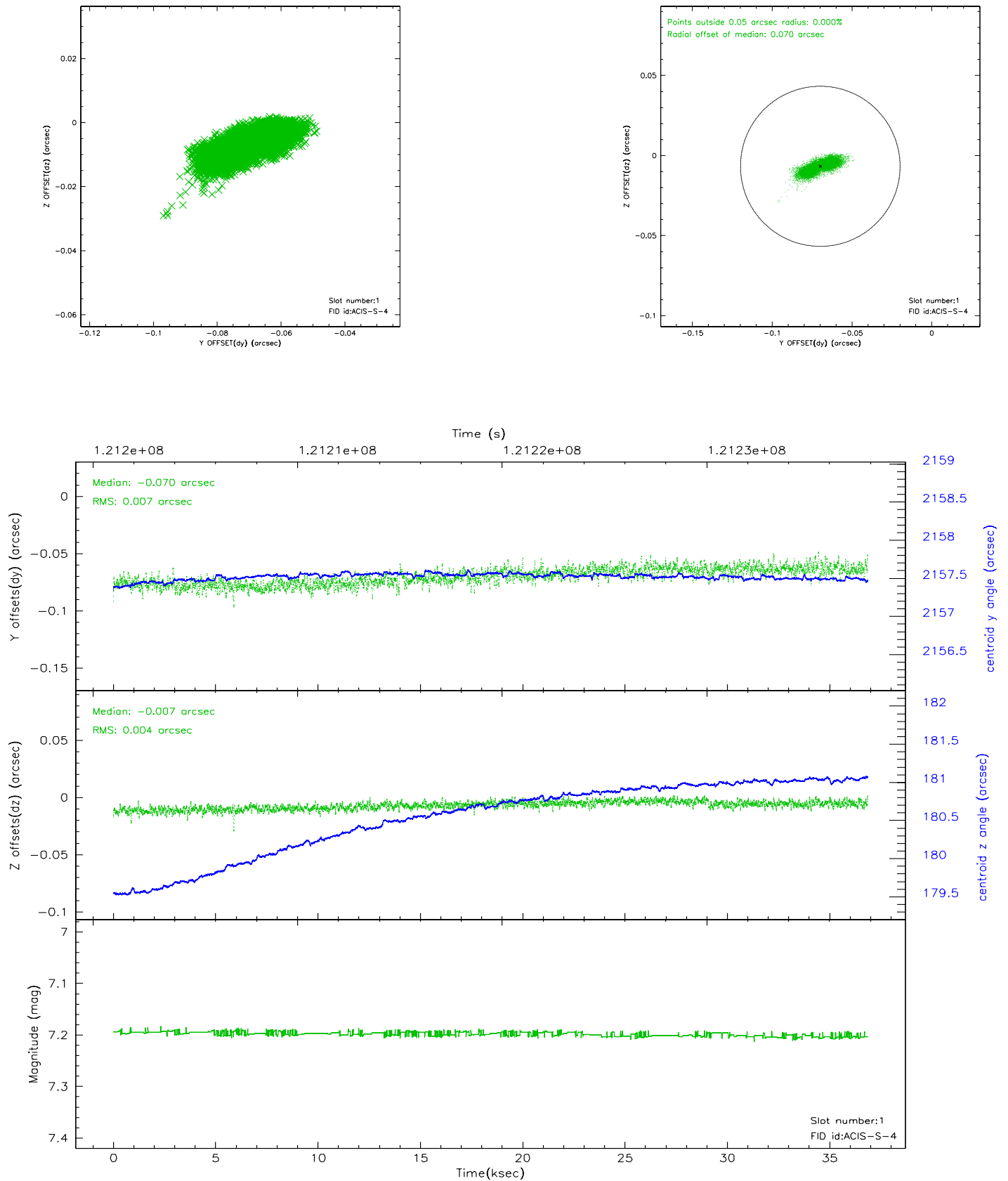


2.5 FID Slots

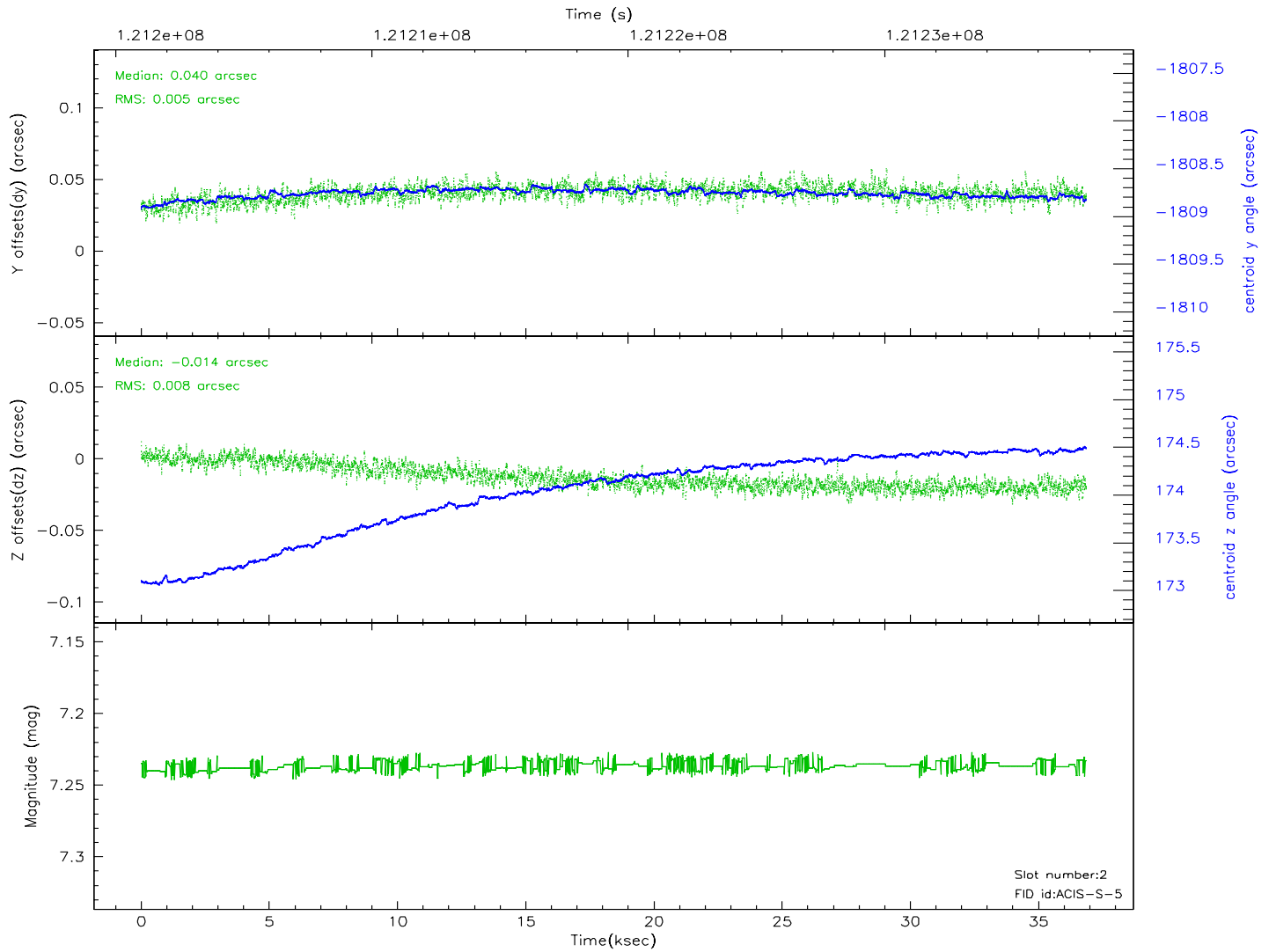
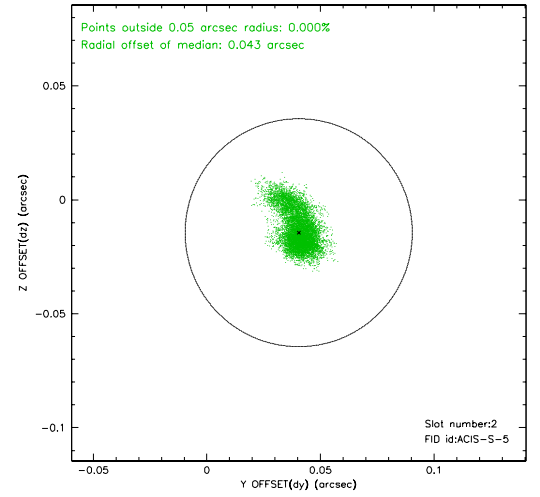
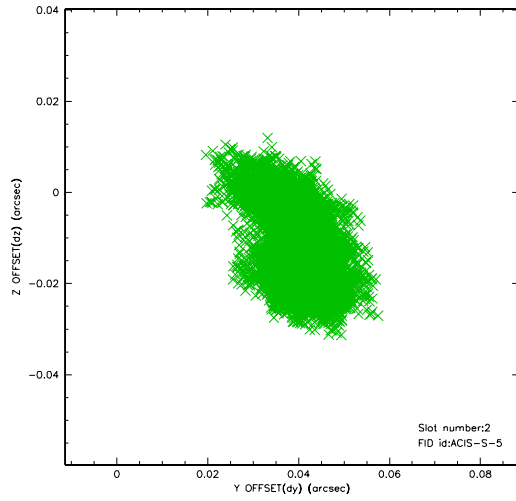
2.5.1 Slot 0



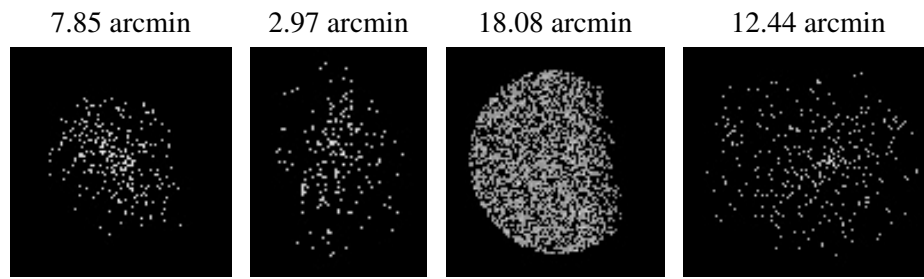
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.592

A.2 Comments